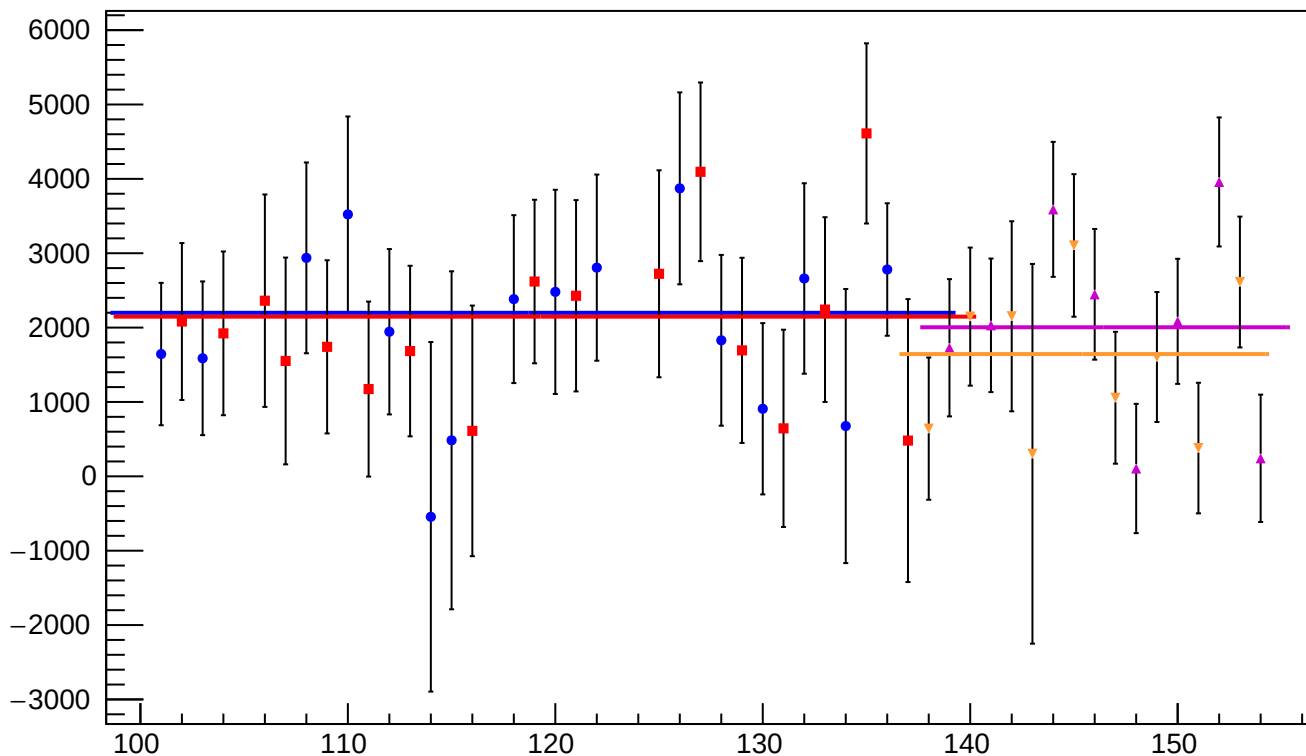


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1643.787+/-328.309

Right Out: 2147.149+/-304.804

Left In: 2004.354+/-310.791

χ^2/NDF : 8.6/15

χ^2/NDF : 7.9/8

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/7

Left: 1833.946+/-225.702

Right: 2172.848+/-216.219

In: 2102.884+/-218.326

Out: 1914.130+/-223.377

All: 2010.666+/-156.135

χ^2/NDF : 26.0/16

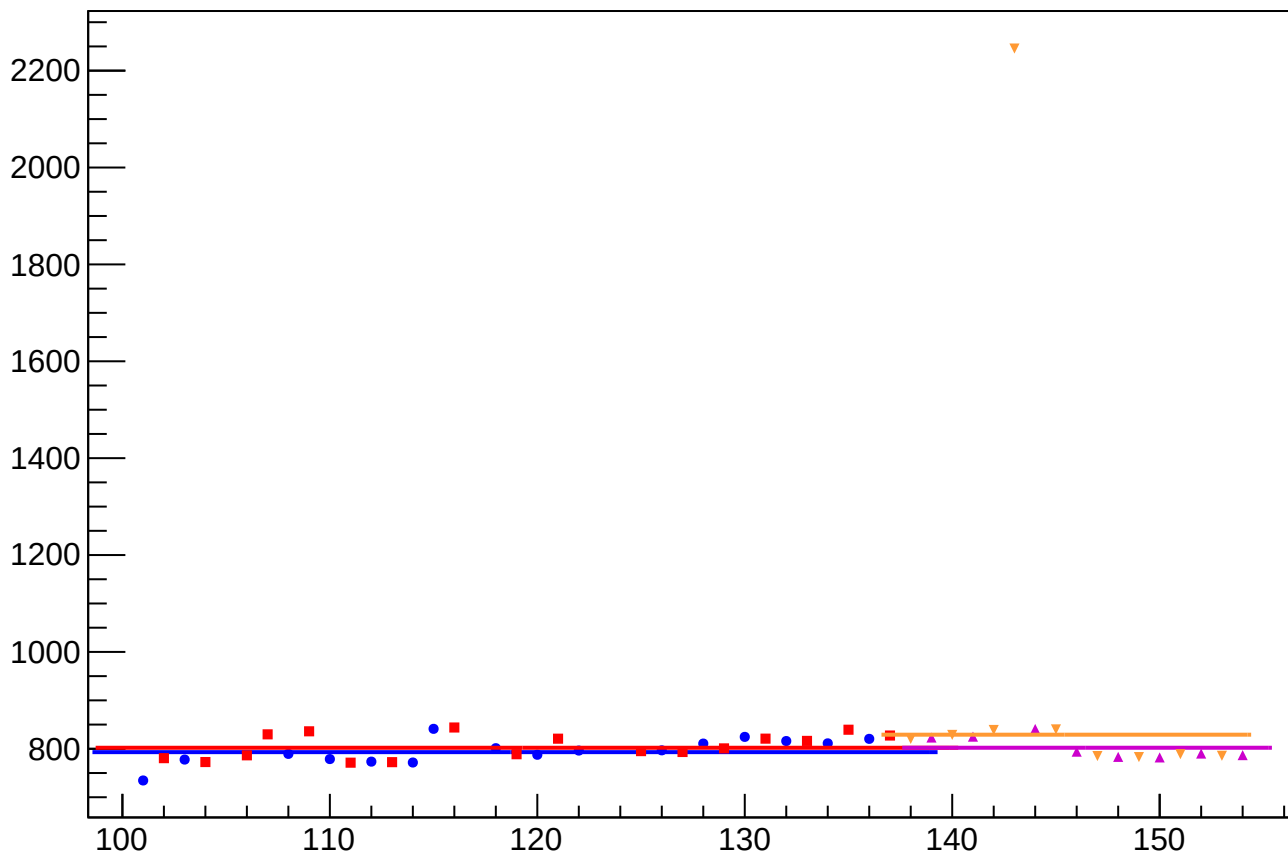
χ^2/NDF : 20.0/32

χ^2/NDF : 26.3/23

χ^2/NDF : 20.5/25

χ^2/NDF : 47.2/49

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 802.178+/-0.220 χ^2/NDF : 9248.4/7

Left: 814.916+/-0.160 χ^2/NDF : 652195.7/16

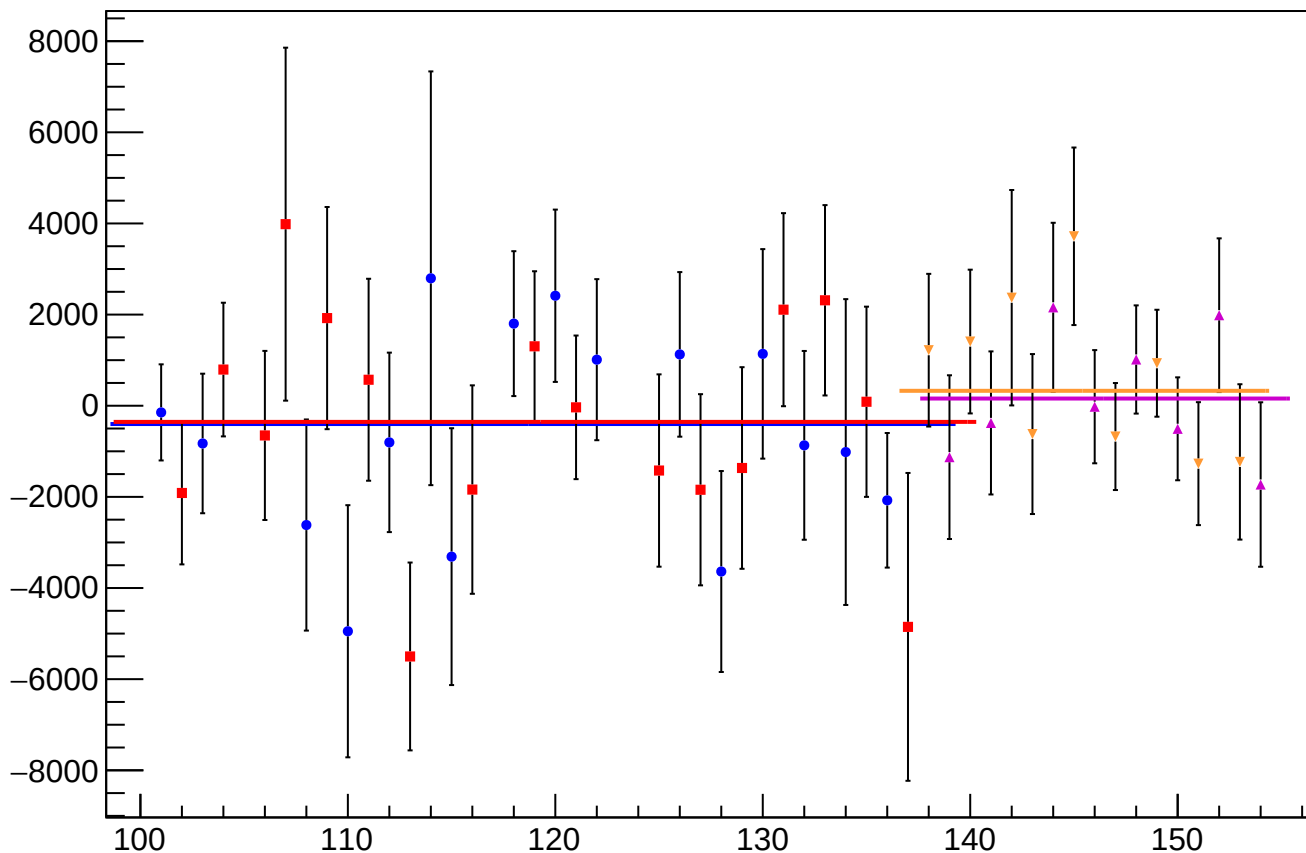
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 797.575+/-0.154 χ^2/NDF : 24817.4/23

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

All: 805.912+/-0.110 χ^2/NDF : 686603.8/49

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 327.440 $\pm$ 508.257 χ^2 /NDF:8.1/8

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

Left In: 157.886 $\pm$ 512.534 χ^2 /NDF:4.9/7

Left: 243.373 $\pm$ 360.894 χ^2 /NDF: 13.1/16

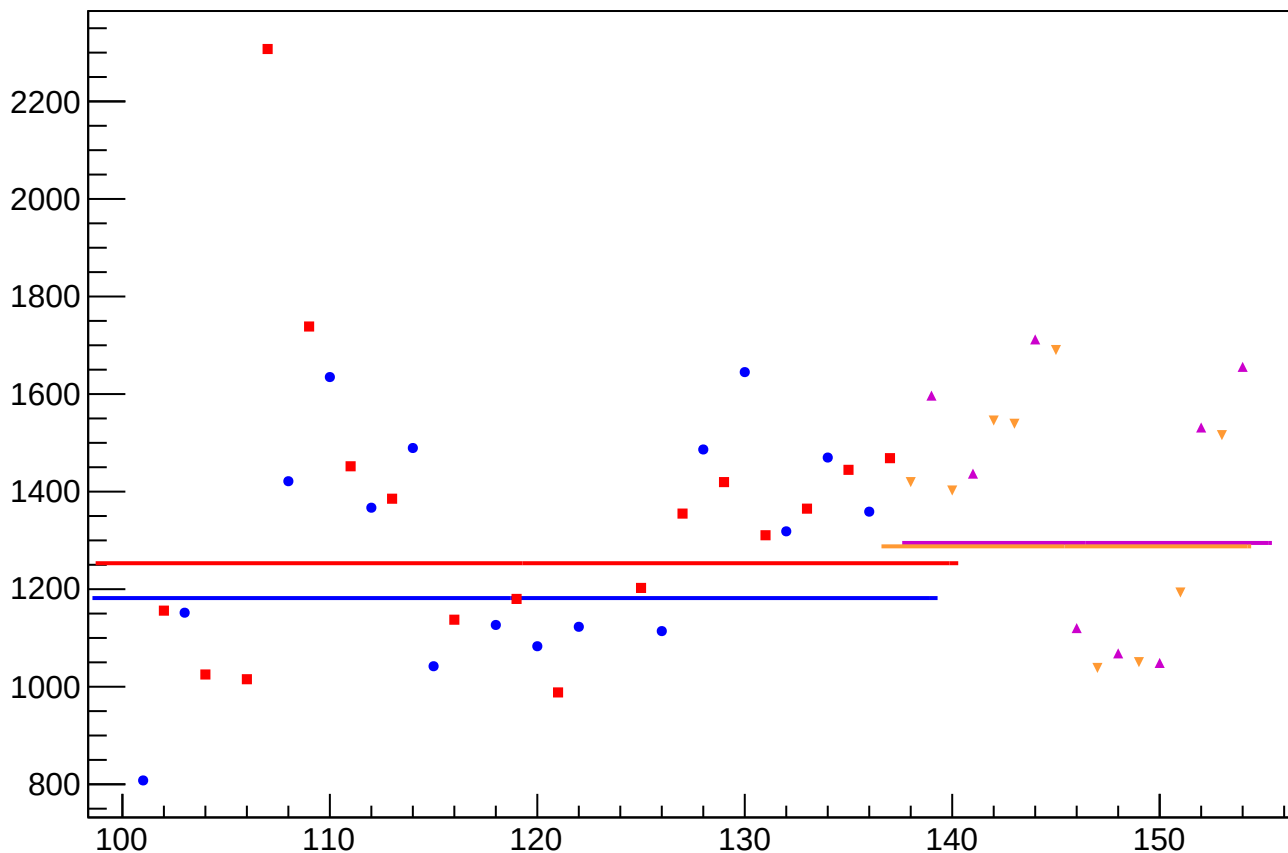
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -146.745 $\pm$ 345.869 χ^2 /NDF:20.4/23

Out: -28.400 $\pm$ 351.457 χ^2 /NDF:26.4/25

All: -88.521 $\pm$ 246.518 χ^2 /NDF: 46.9/49

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1287.800+/-0.359 χ^2/NDF : 390731.5/8

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

Left In: 1294.768+/-0.362 χ^2/NDF : 500619.6/7

Left: 1291.255+/-0.255 χ^2/NDF : 891537.5/16

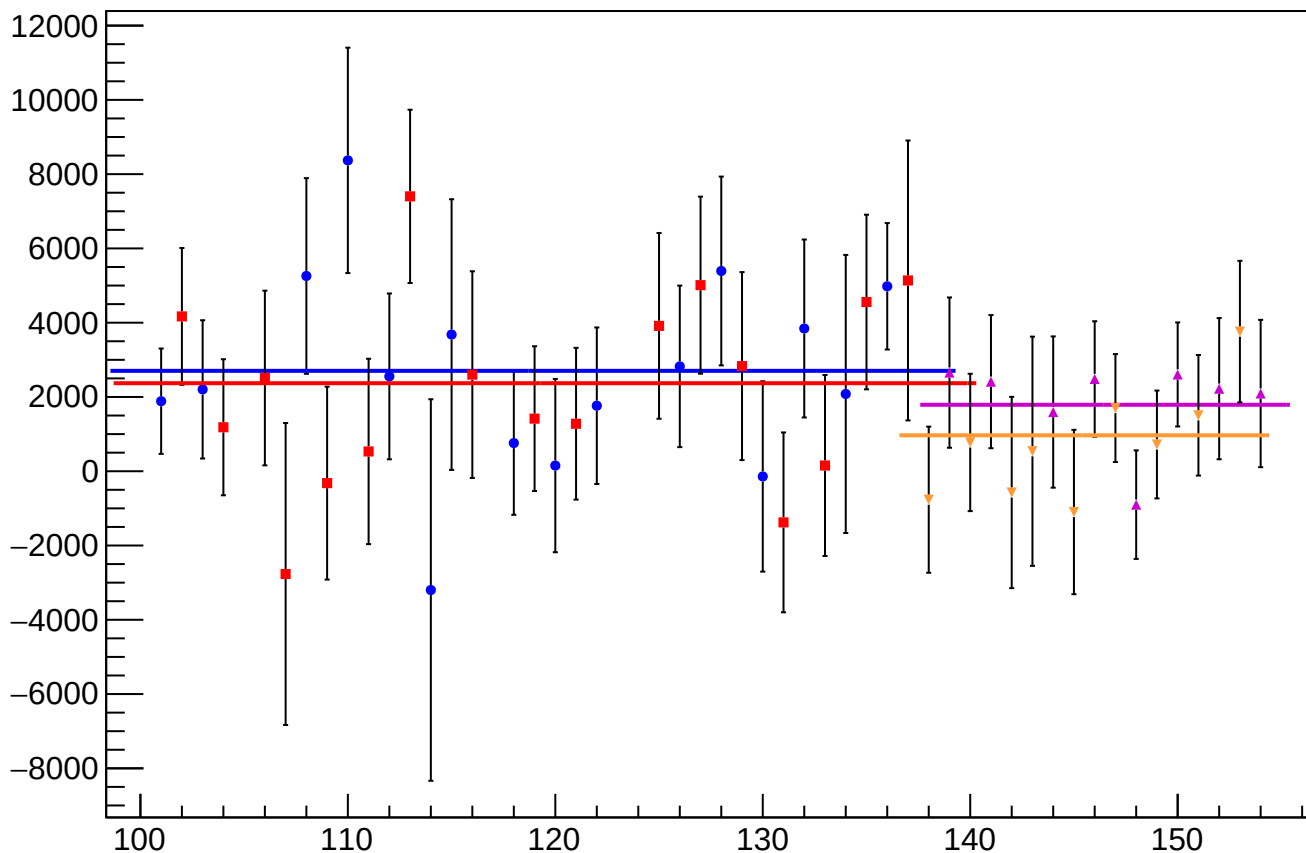
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1233.226+/-0.245 χ^2/NDF : 1097060.4/23

Out: 1269.756+/-0.249 χ^2/NDF : 851202.7/25

All: 1251.198+/-0.174 χ^2/NDF : 1959239.4/49

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1789.677 $\pm$ 606.426 χ^2 /NDF:4.3/7

Left: 1386.802 $\pm$ 433.018 χ^2 /NDF: 9.8/16

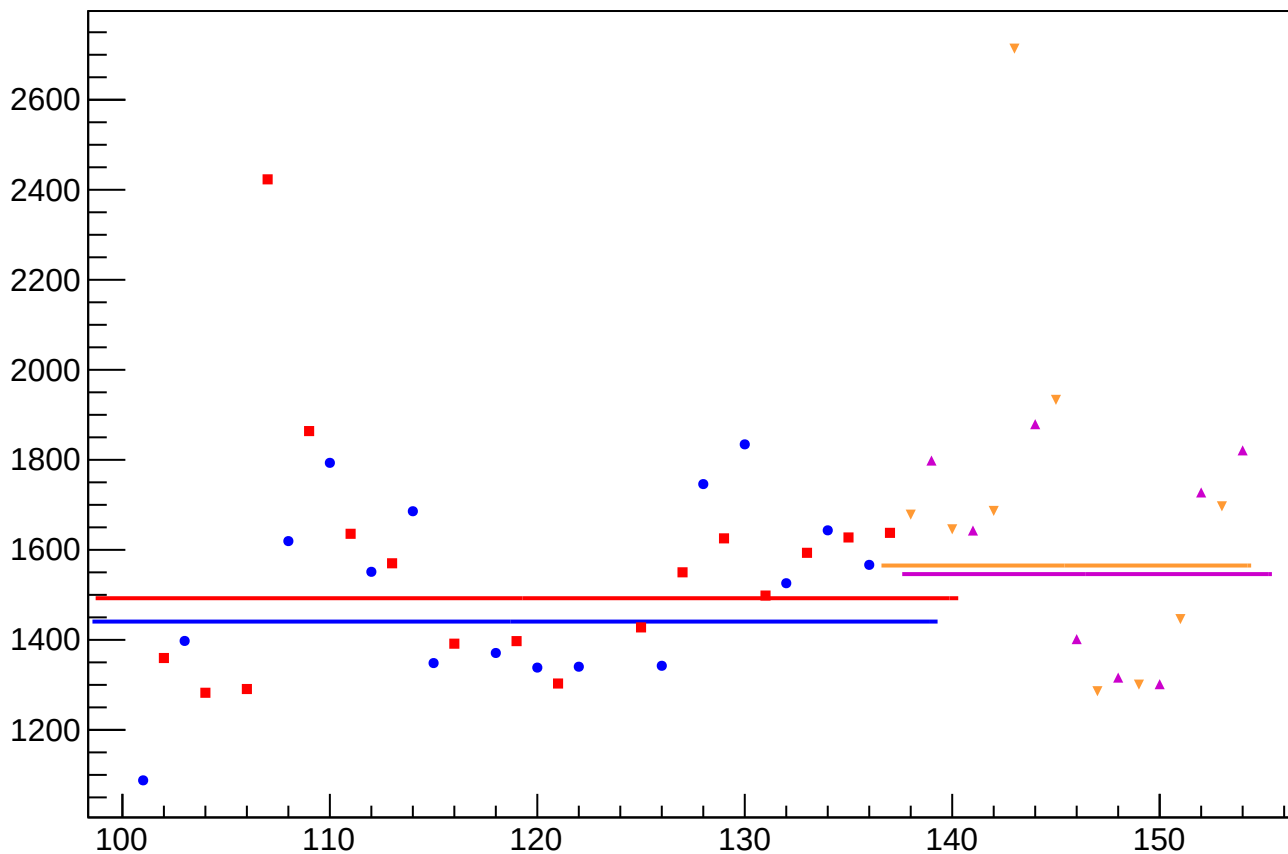
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2279.364 $\pm$ 413.191 χ^2 /NDF:18.6/23

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

All: 2005.631 $\pm$ 294.732 χ^2 /NDF: 42.8/49

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1546.138 $\pm$ 0.429 χ^2/NDF : 274816.0/7

Left: 1555.469 $\pm$ 0.306 χ^2/NDF : 783471.8/16

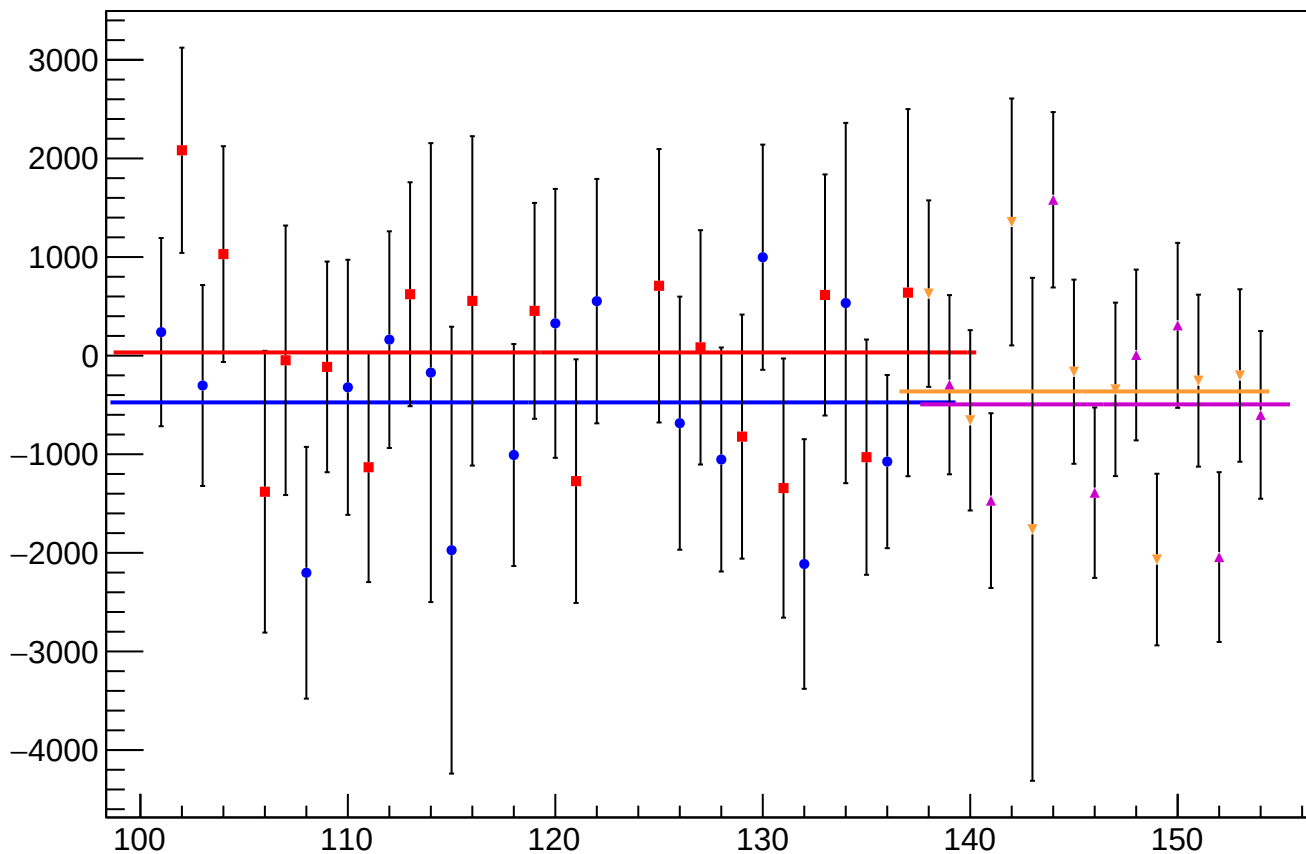
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1489.623 $\pm$ 0.292 χ^2/NDF : 589499.4/23

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

All: 1507.546 $\pm$ 0.208 χ^2/NDF : 1371192.3/49

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -494.307 ± 307.440 χ^2/NDF : 12.3/7

Left: -432.179 ± 223.238 χ^2/NDF : 19.7/16

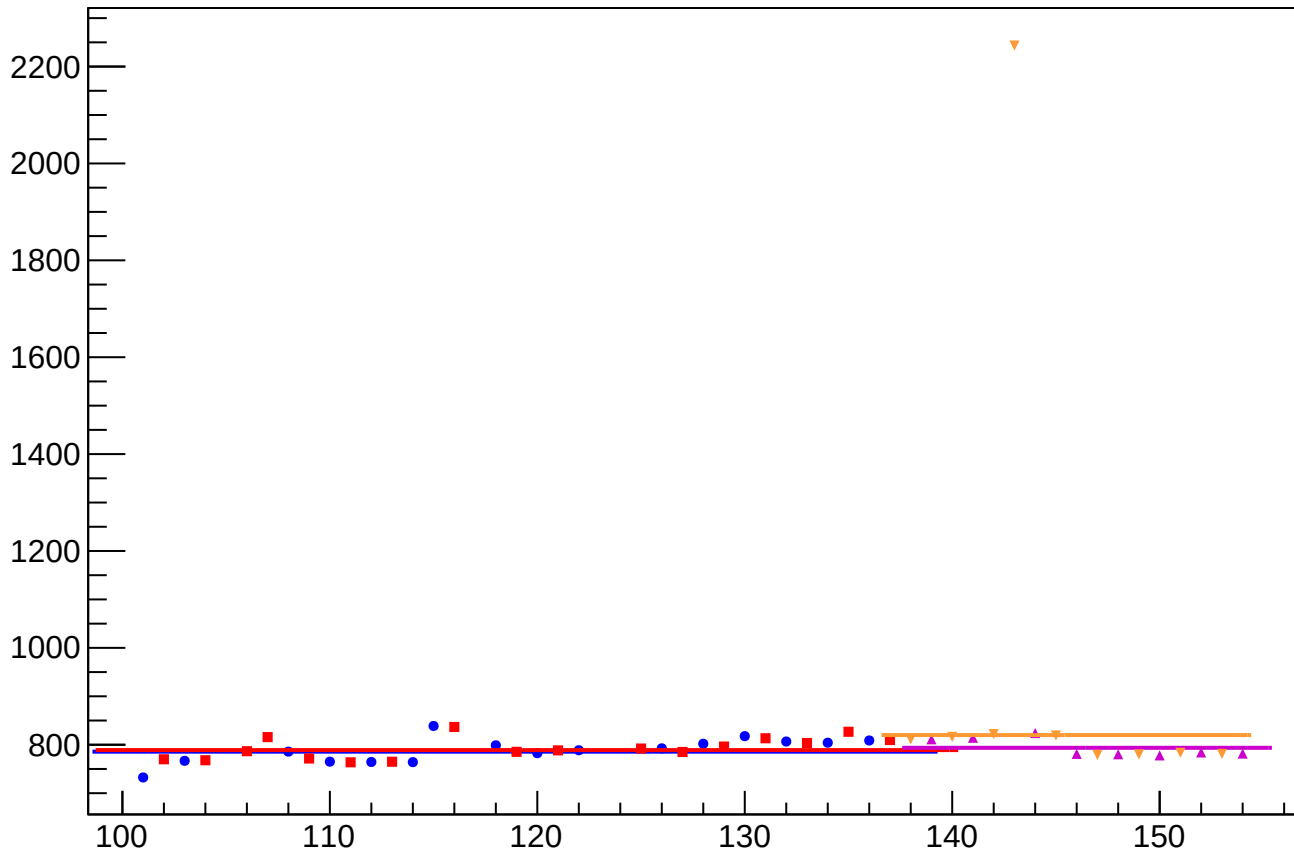
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

In: -484.105 ± 216.136 χ^2/NDF : 21.2/23

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

All: -319.844 ± 154.243 χ^2/NDF : 41.7/49

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 793.695 $\pm$ 0.217 χ^2 /NDF: 6419.1/7

Left: 806.117 $\pm$ 0.158 χ^2 /NDF: 652528.5/16

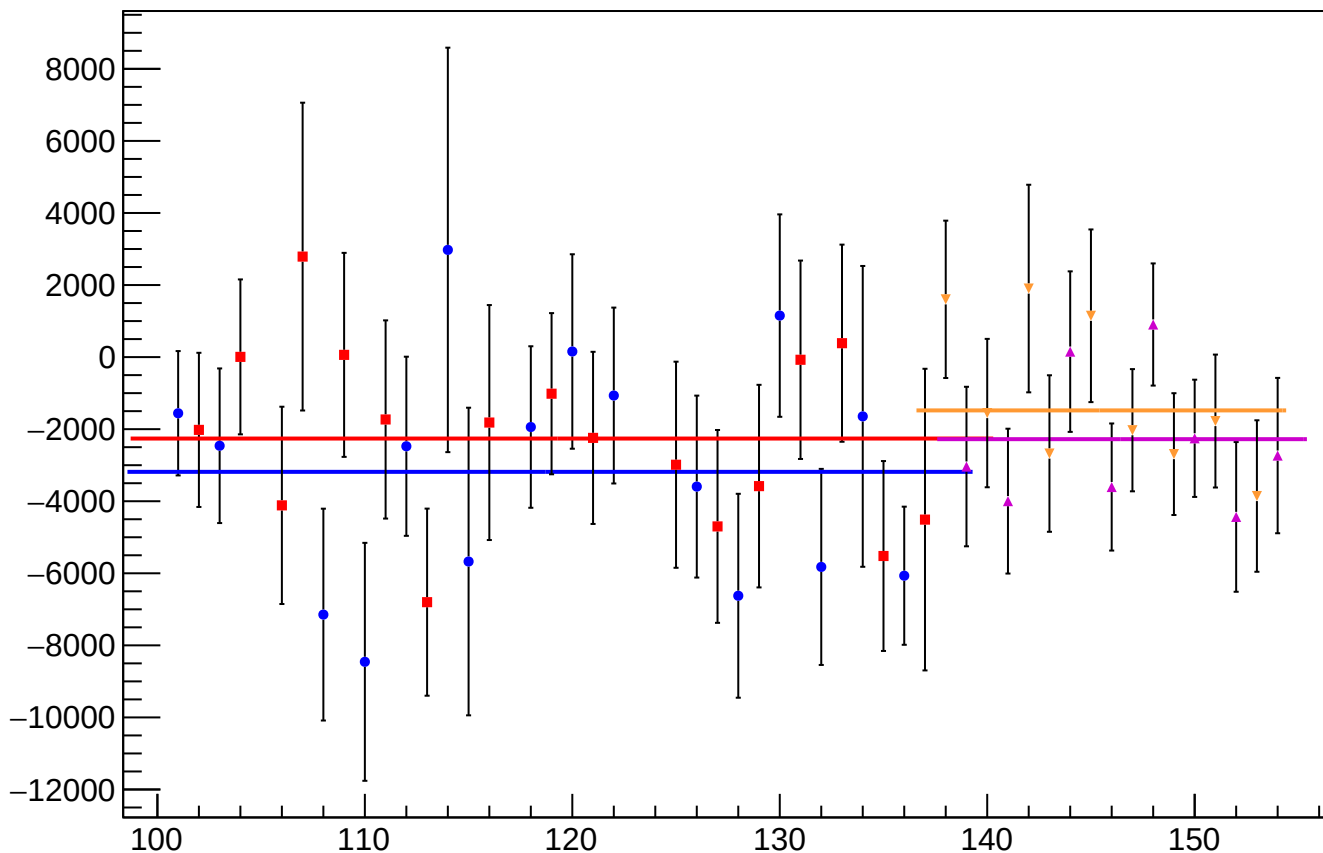
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 789.675 $\pm$ 0.153 χ^2 /NDF: 21016.9/23

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

All: 796.318 $\pm$ 0.109 χ^2 /NDF: 683461.7/49

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -1479.280 $\pm$ 678.835 χ^2/NDF : 6.8/8

Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16

Left In: -2277.397 $\pm$ 682.436 χ^2/NDF : 7.3/7

Left: -1876.228 $\pm$ 481.277 χ^2/NDF : 14.7/16

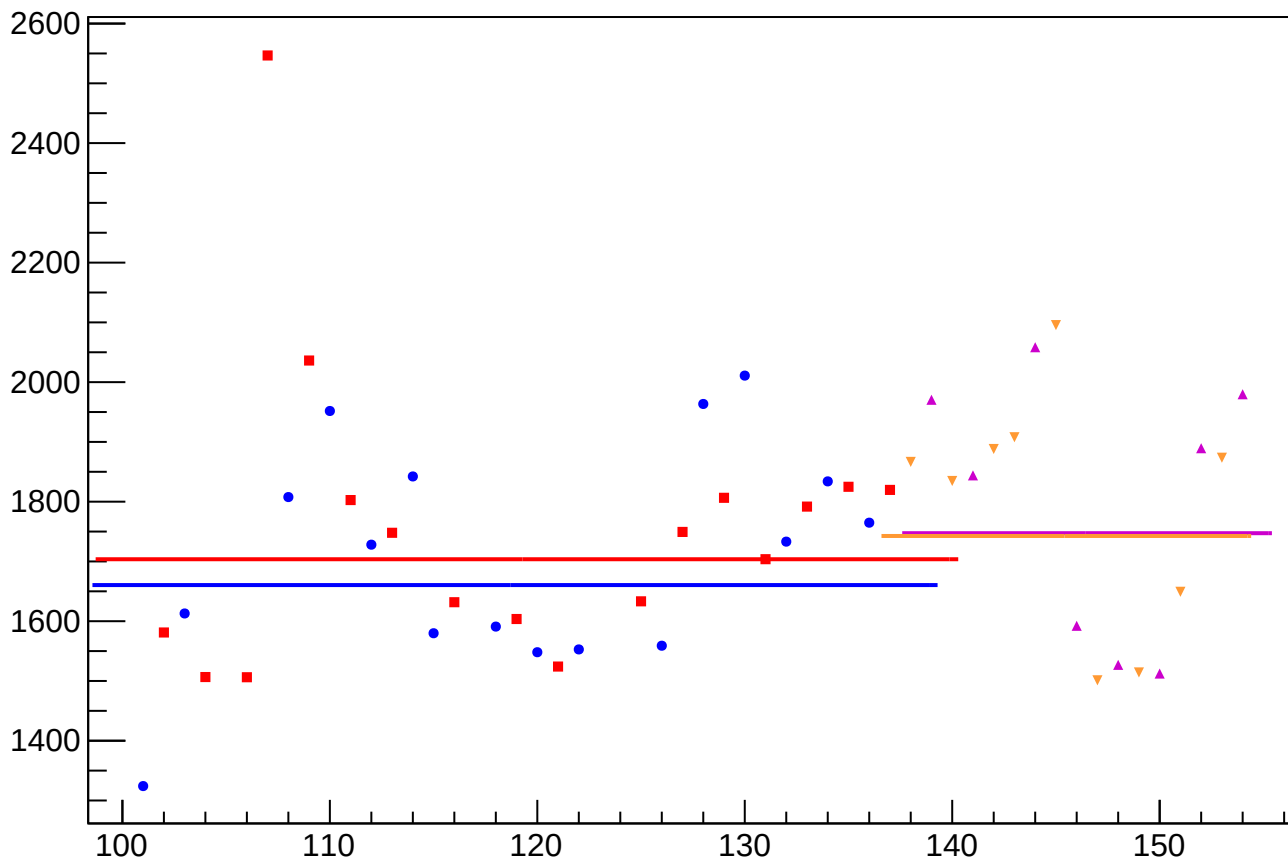
Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32

In: -2754.869 $\pm$ 469.664 χ^2/NDF : 25.0/23

Out: -1885.527 $\pm$ 470.219 χ^2/NDF : 19.1/25

All: -2320.711 $\pm$ 332.298 χ^2/NDF : 45.8/49

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1747.259 $\pm$ 0.483 χ^2 /NDF:187507.8/7

Left: 1744.920 $\pm$ 0.340 χ^2 /NDF: 347975.2/16

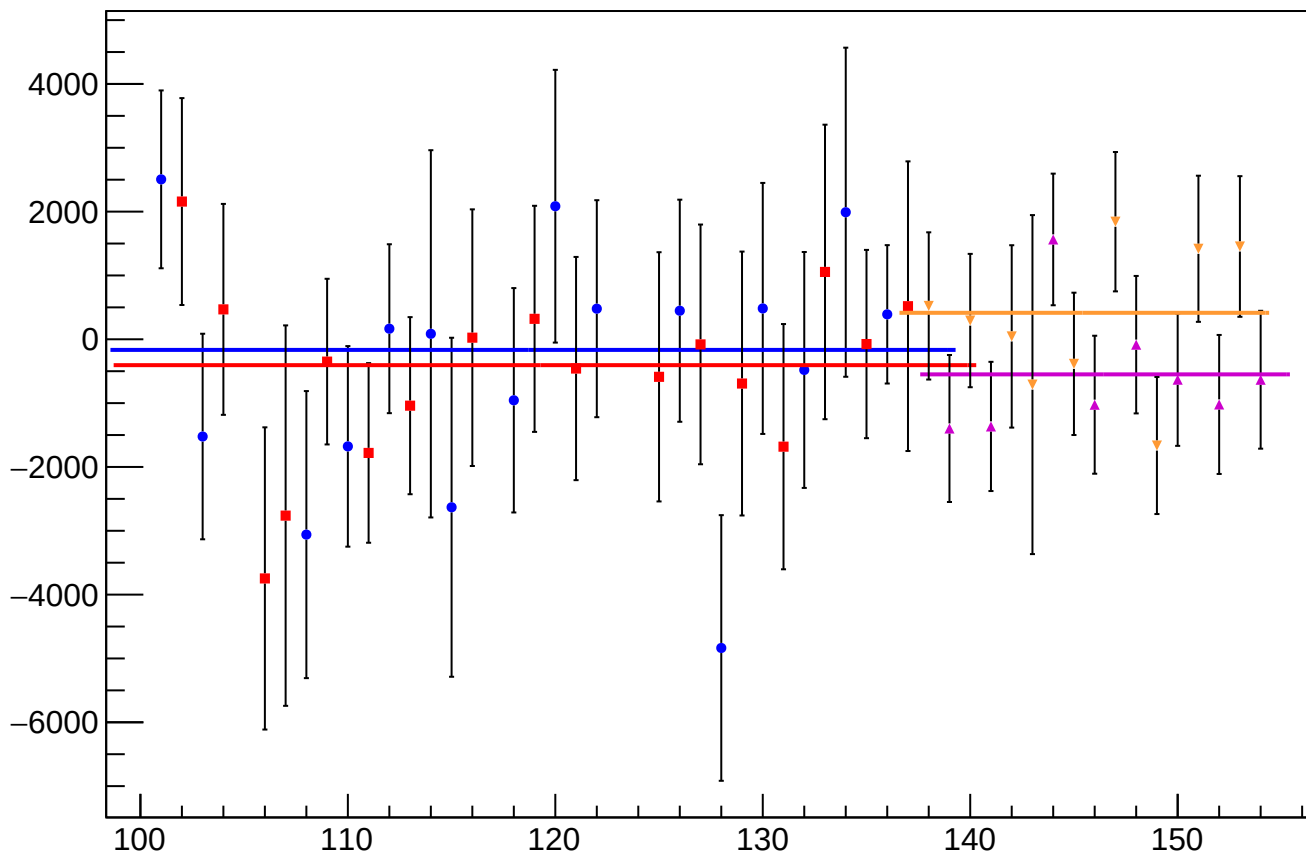
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1701.572 $\pm$ 0.332 χ^2 /NDF:383743.1/23

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

All: 1711.952 $\pm$ 0.235 χ^2 /NDF: 720566.6/49

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 414.813+/-395.301 χ^2/NDF : 7.9/8

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

Left In: -549.587+/-377.407 χ^2/NDF : 6.0/7

Left: -89.708+/-272.974 χ^2/NDF : 17.0/16

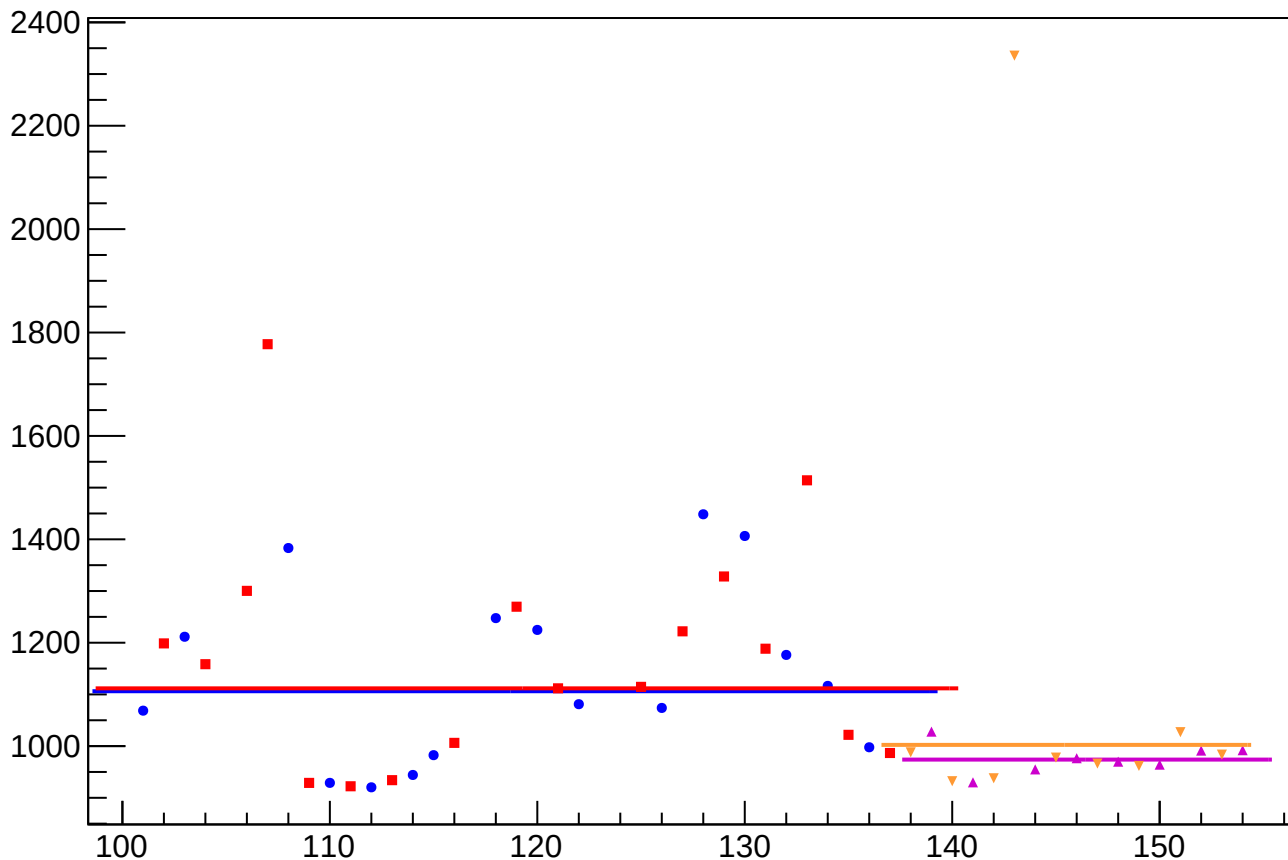
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -383.999+/-284.414 χ^2/NDF : 22.0/23

Out: 37.872+/-290.586 χ^2/NDF : 17.8/25

All: -177.591+/-203.258 χ^2/NDF : 40.9/49

asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 973.928+/-0.267 χ^2/NDF : 10157.4/7

Left: 987.493+/-0.193 χ^2/NDF : 540753.2/16

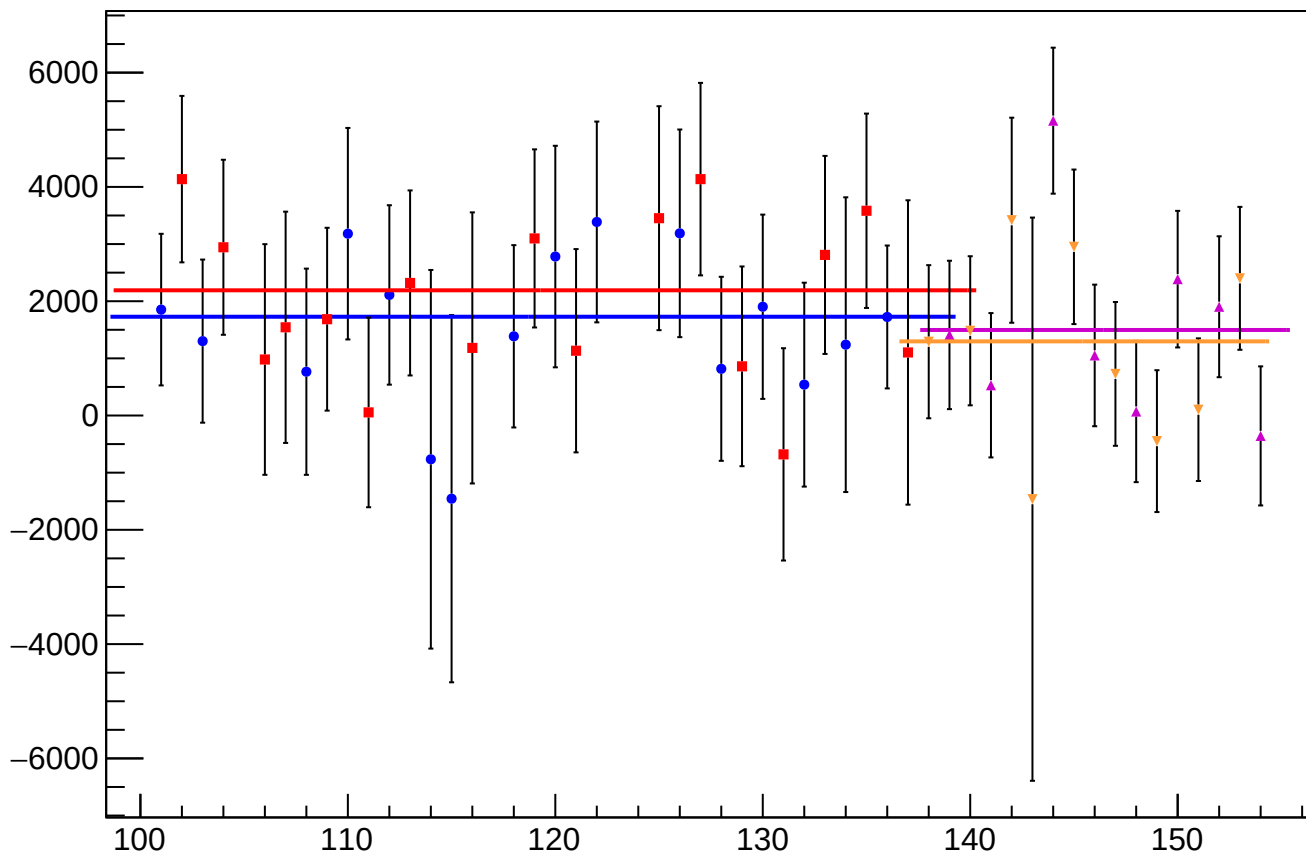
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1031.063+/-0.201 χ^2/NDF : 376158.4/23

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

All: 1041.618+/-0.144 χ^2/NDF : 1333698.3/49

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1496.713 $\pm$ 439.683 χ^2/NDF : 13.3/7

Left: 1402.840 $\pm$ 319.776 χ^2/NDF : 20.5/16

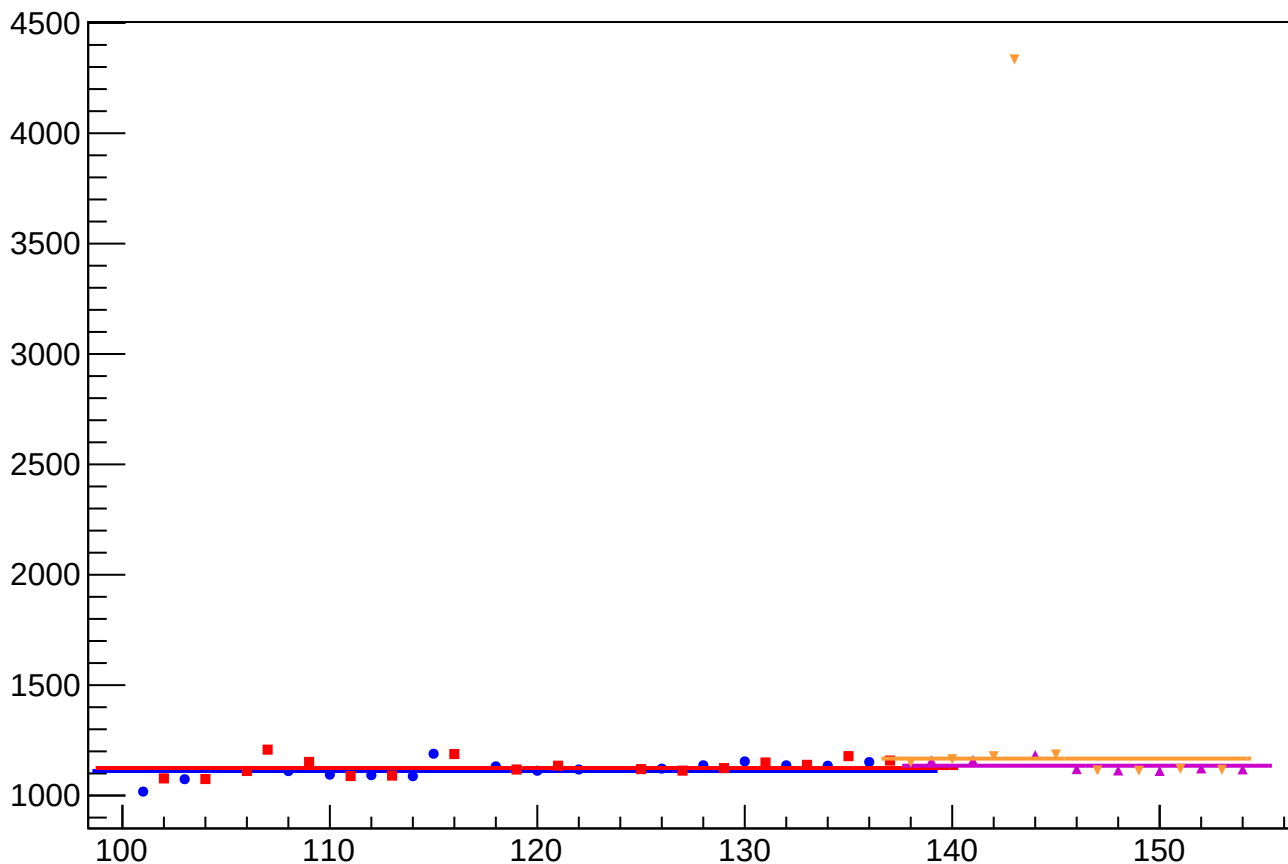
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1615.221 $\pm$ 307.350 χ^2/NDF : 18.7/23

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

All: 1697.002 $\pm$ 219.945 χ^2/NDF : 38.8/49

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1167.275 $\pm$ 0.329 χ^2 /NDF: 840574.2/8

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

Left In: 1134.986 $\pm$ 0.311 χ^2 /NDF: 6617.9/7

Left: 1150.196 $\pm$ 0.226 χ^2 /NDF: 852273.2/16

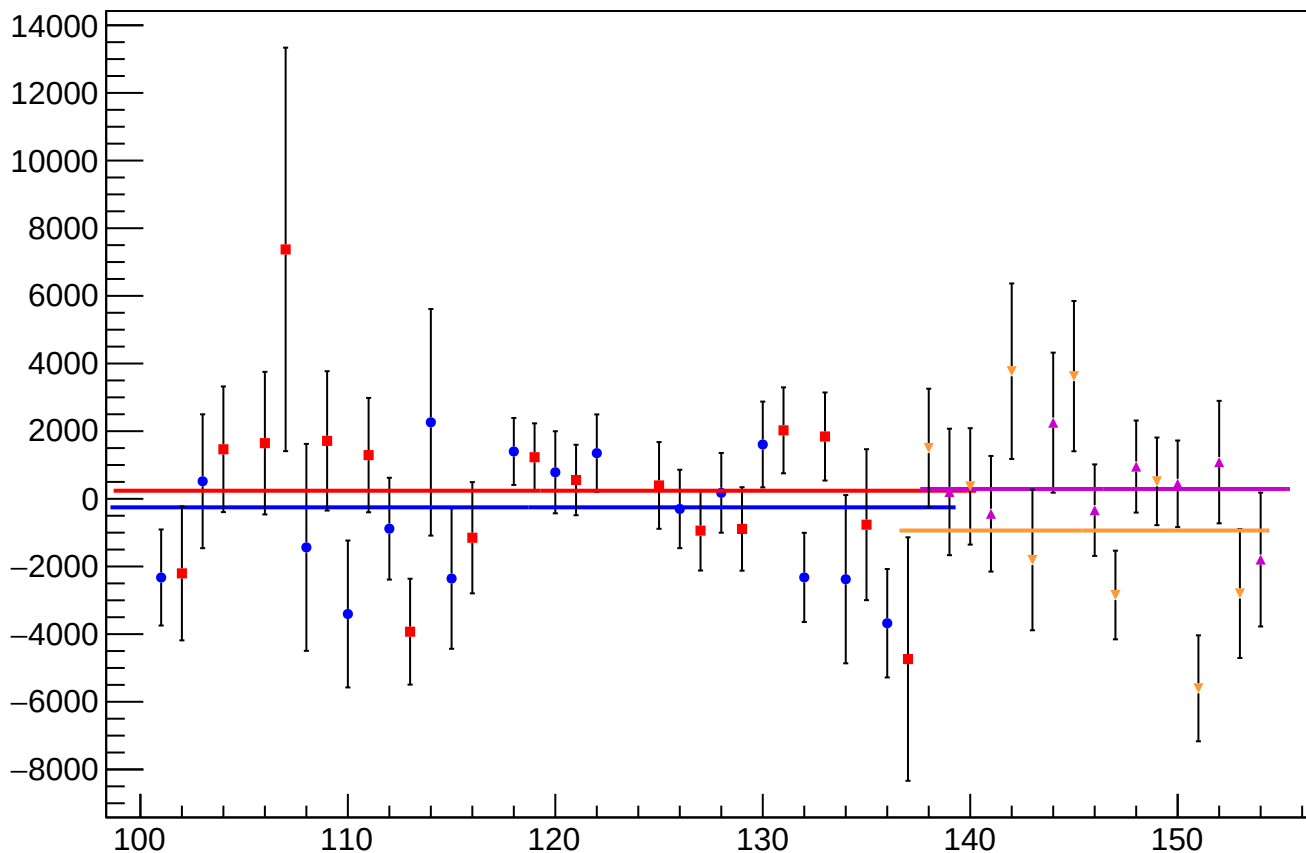
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1122.742 $\pm$ 0.217 χ^2 /NDF: 27741.8/23

Out: 1144.046 $\pm$ 0.223 χ^2 /NDF: 864326.7/25

All: 1133.136 $\pm$ 0.156 χ^2 /NDF: 896756.5/49

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -936.428 $\pm$ 567.379 χ^2/NDF : 23.4/8

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

Left In: 291.511 $\pm$ 566.232 χ^2/NDF : 2.9/7

Left: -321.216 $\pm$ 400.792 χ^2/NDF : 28.6/16

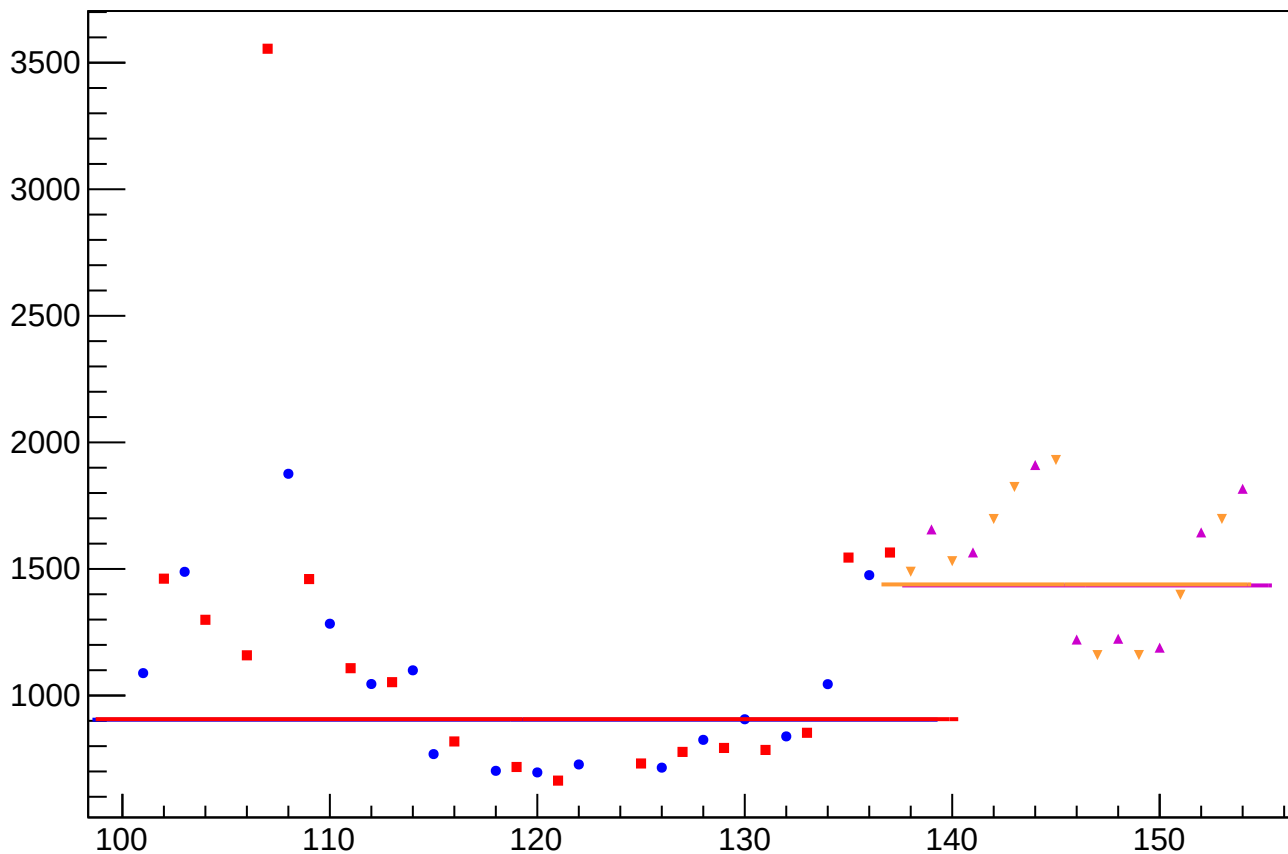
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -92.008 $\pm$ 306.756 χ^2/NDF : 25.3/23

Out: -102.902 $\pm$ 306.277 χ^2/NDF : 47.5/25

All: -97.464 $\pm$ 216.740 χ^2/NDF : 72.8/49

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1438.883 $\pm$ 0.401 χ^2 /NDF: 415318.5/8

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

Left In: 1434.917 $\pm$ 0.400 χ^2 /NDF: 418055.7/7

Left: 1436.896 $\pm$ 0.283 χ^2 /NDF: 833423.2/16

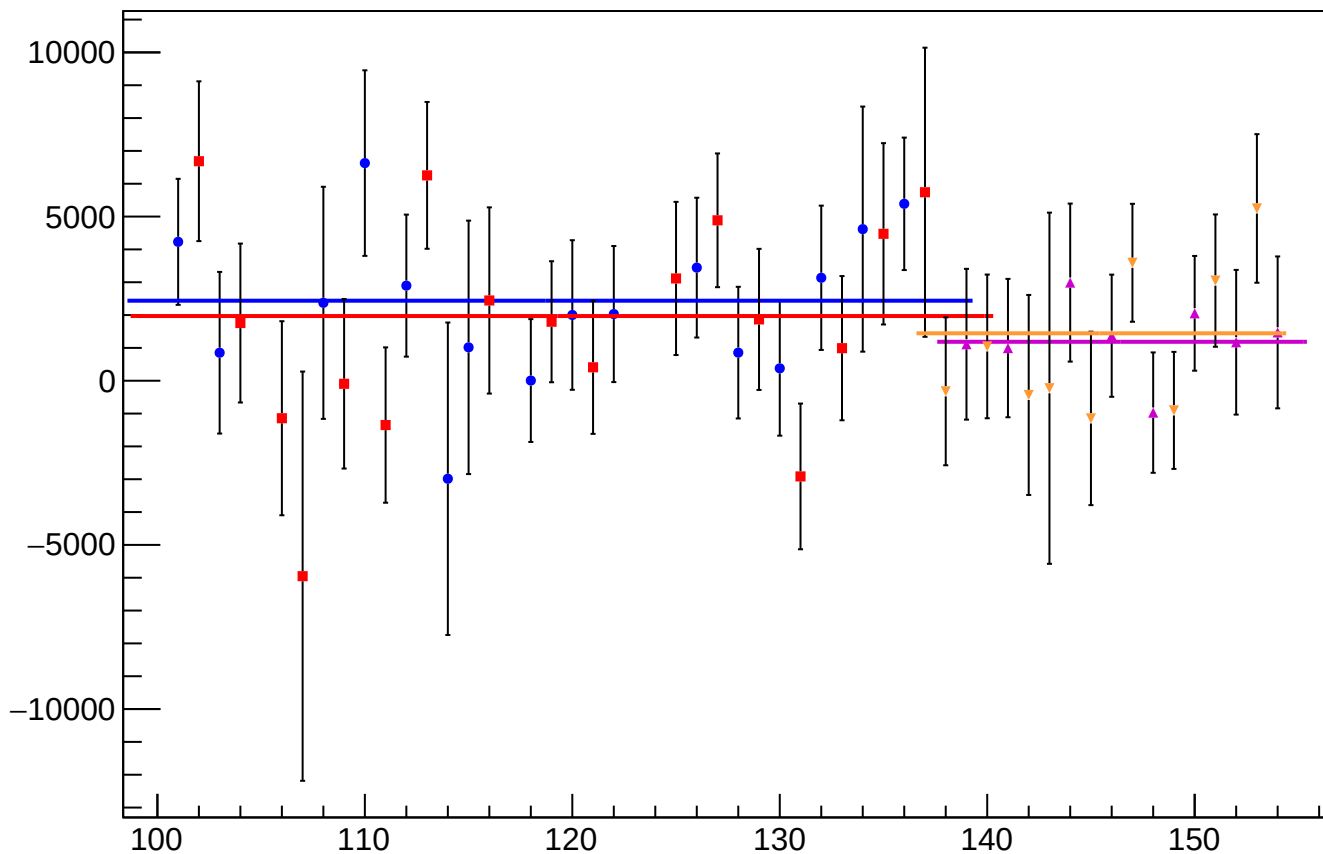
Right: 905.545 $\pm$ 0.182 χ^2 /NDF: 2397204.6/32

In: 1060.165 $\pm$ 0.217 χ^2 /NDF: 2679122.4/23

Out: 1061.700 $\pm$ 0.217 χ^2 /NDF: 3038724.0/25

All: 1060.934 $\pm$ 0.153 χ^2 /NDF: 5717871.5/49

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 ± 586.231 $\chi^2/\text{NDF}: 11.2/15$

Left Out: 1445.002 ± 754.164 $\chi^2/\text{NDF}: 8.7/8$

Right Out: 1970.445 ± 586.663 $\chi^2/\text{NDF}: 22.3/16$

Left In: 1186.105 ± 726.566 $\chi^2/\text{NDF}: 2.2/7$

Left: 1310.730 ± 523.245 $\chi^2/\text{NDF}: 11.0/16$

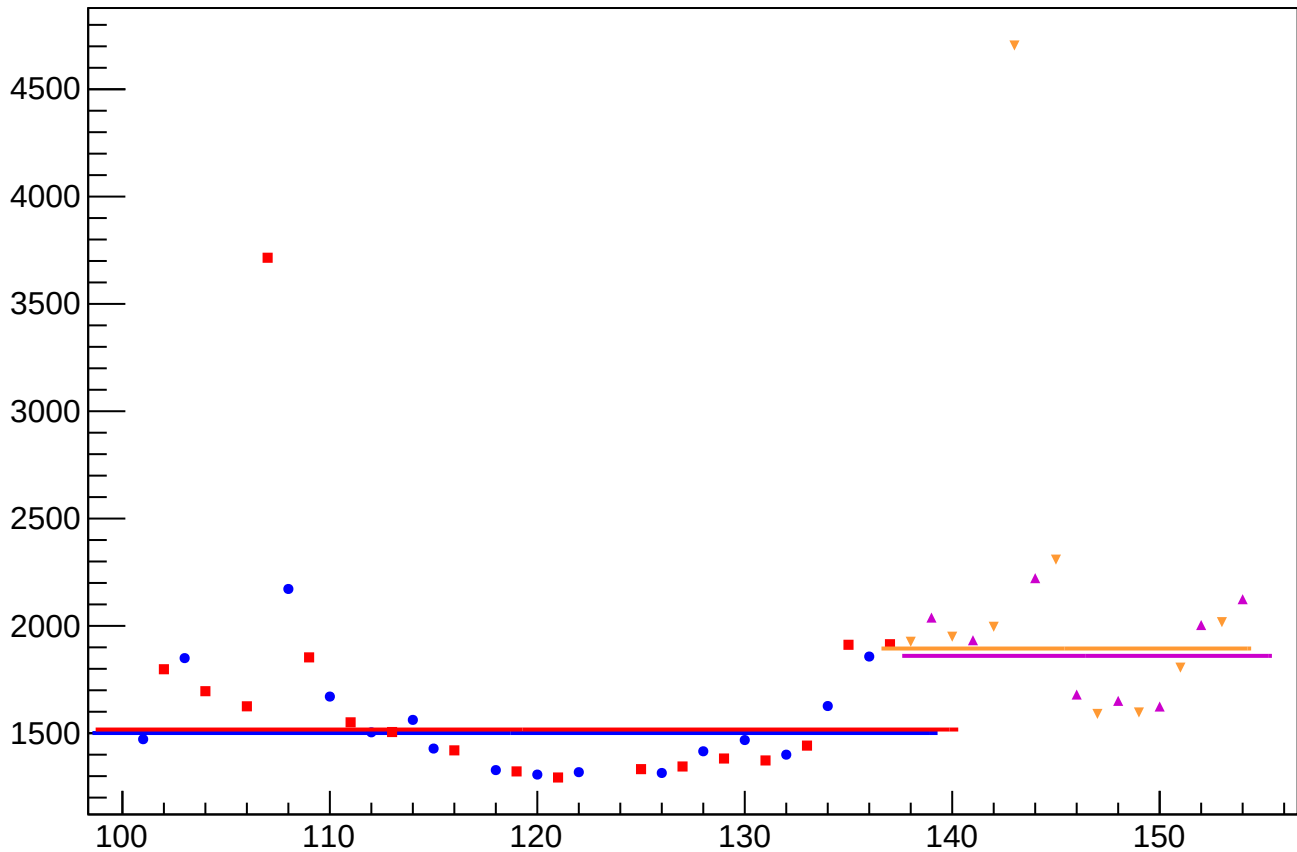
Right: 2204.149 ± 414.681 $\chi^2/\text{NDF}: 33.8/32$

In: 1944.069 ± 456.241 $\chi^2/\text{NDF}: 15.2/23$

Out: 1772.355 ± 463.057 $\chi^2/\text{NDF}: 31.3/25$

All: 1859.485 ± 324.994 $\chi^2/\text{NDF}: 46.6/49$

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1894.517+/-0.533 χ^2/NDF : 728115.0/8

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

Left In: 1860.322+/-0.514 χ^2/NDF : 175632.2/7

Left: 1876.782+/-0.370 χ^2/NDF : 905879.6/16

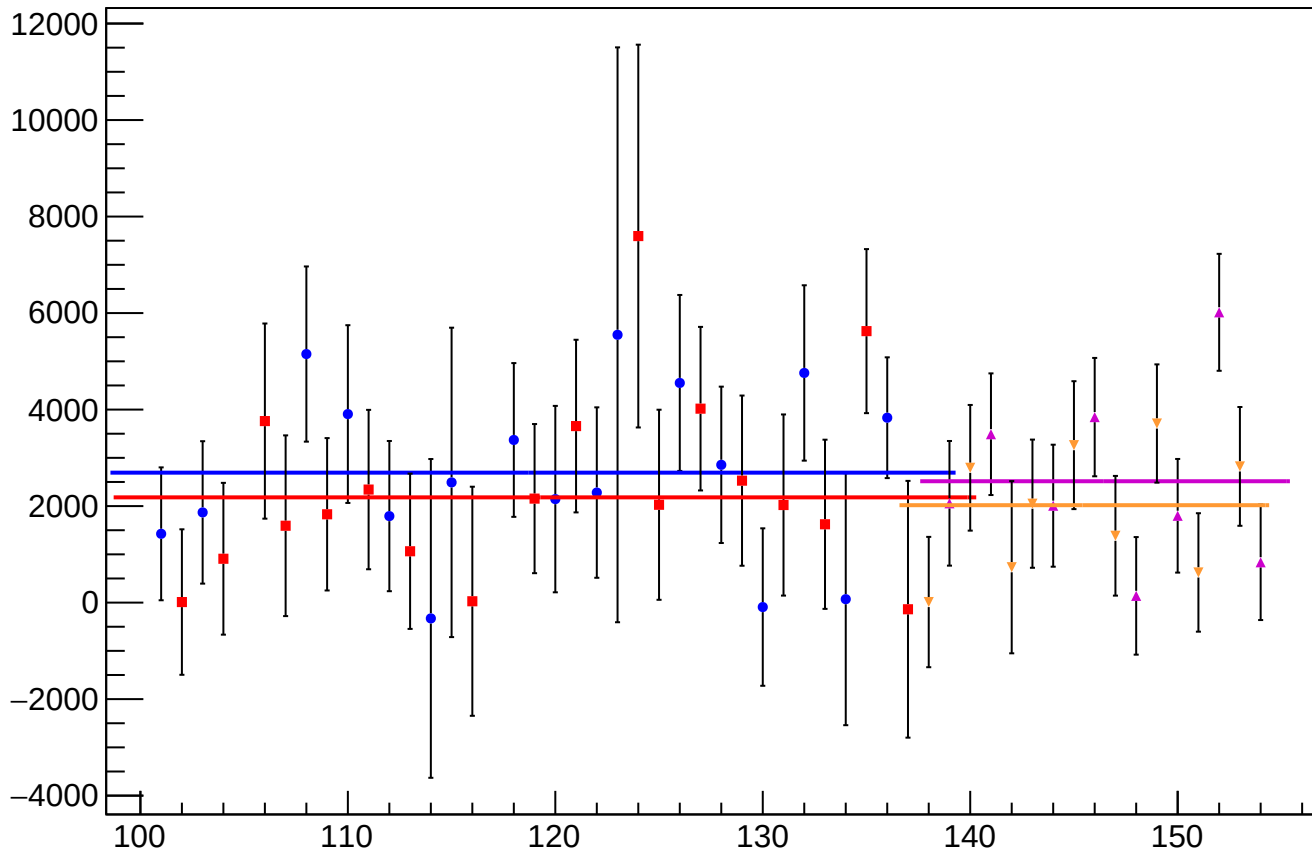
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1642.581+/-0.323 χ^2/NDF : 728417.0/23

Out: 1659.397+/-0.327 χ^2/NDF : 1515183.2/25

All: 1650.864+/-0.230 χ^2/NDF : 2244938.6/49

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2515.196 $\pm$ 434.633 χ^2/NDF : 16.5/7

Left: 2268.514 $\pm$ 308.286 χ^2/NDF : 25.0/16

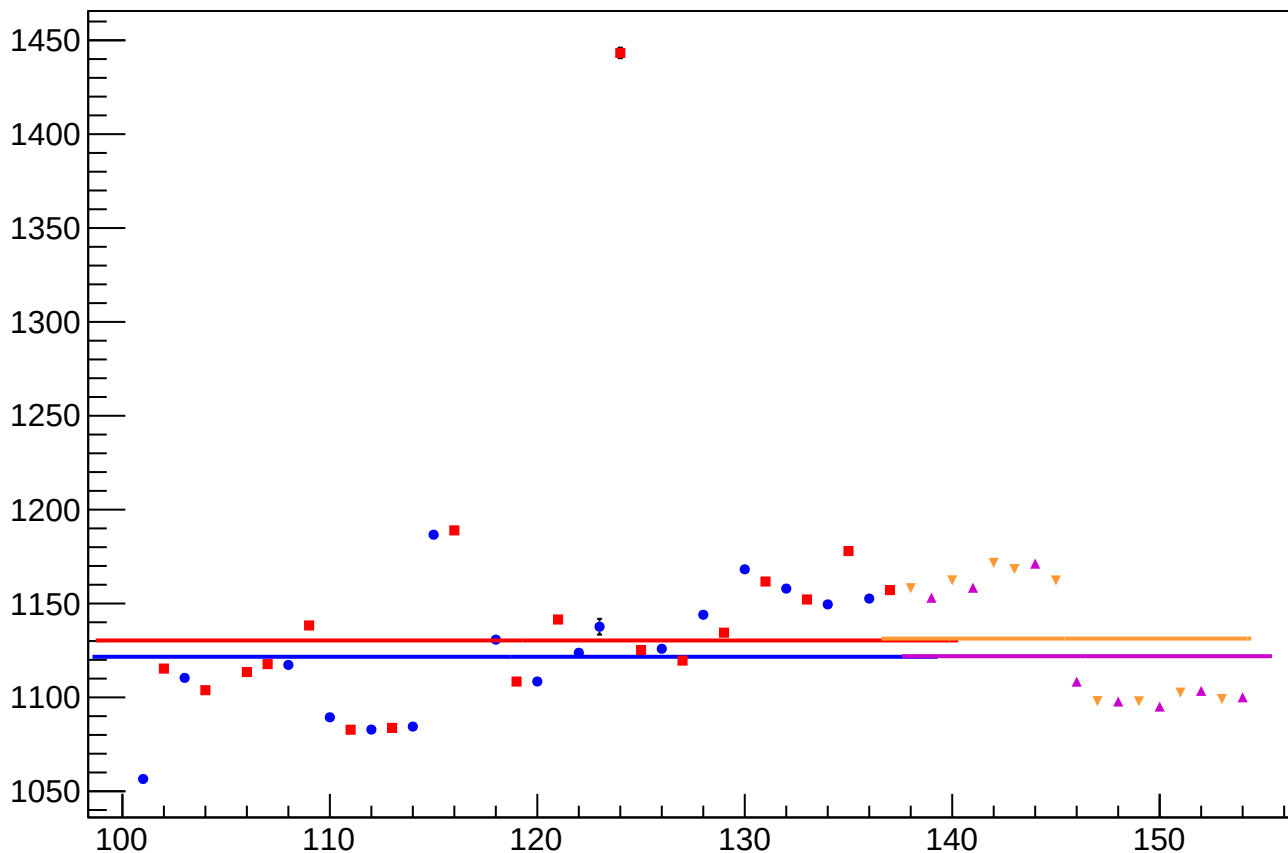
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

In: 2604.510 $\pm$ 306.616 χ^2/NDF : 28.9/24

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

All: 2351.941 $\pm$ 216.221 χ^2/NDF : 51.7/51

dit_asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1121.937 $\pm$ 0.307 χ^2 /NDF:9079.5/7

Left: 1126.599 $\pm$ 0.218 χ^2 /NDF: 20532.2/16

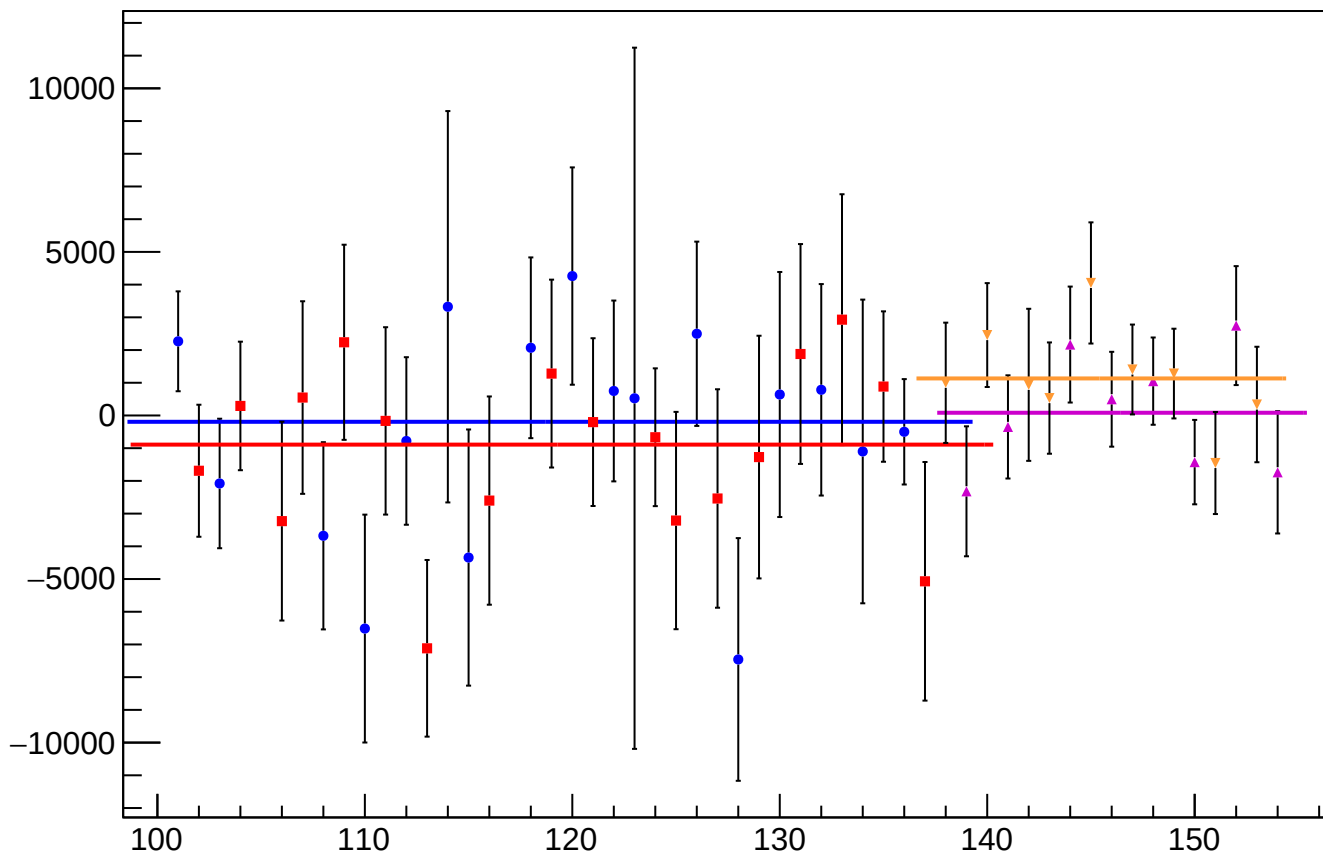
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1121.781 $\pm$ 0.217 χ^2 /NDF:21060.2/24

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

All: 1126.317 $\pm$ 0.153 χ^2 /NDF: 54202.1/51

asym_usr_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 82.893+/-558.932 χ^2/NDF : 8.0/7

Left: 616.149+/-391.951 χ^2/NDF : 16.1/16

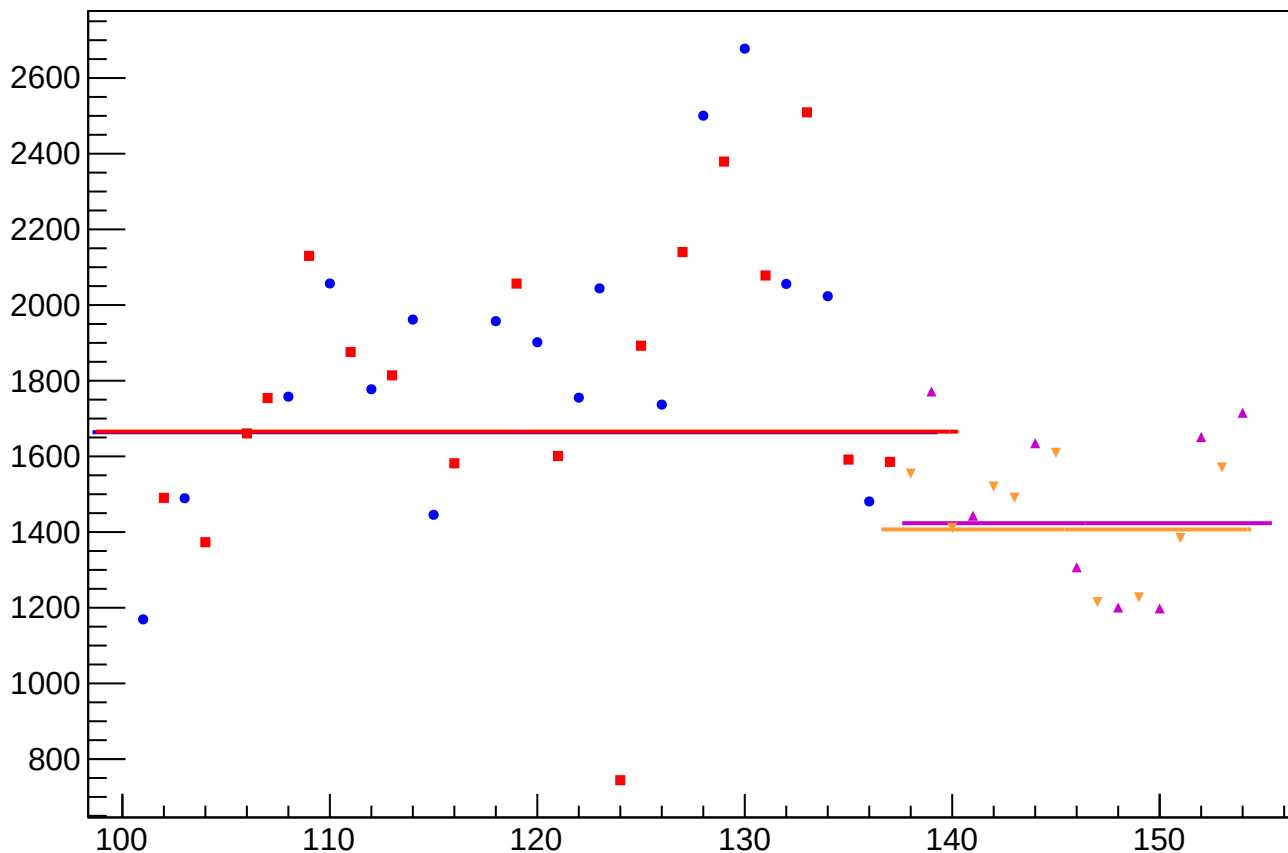
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -32.400+/-426.628 χ^2/NDF : 25.4/24

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

All: 130.171+/-299.158 χ^2/NDF : 50.8/51

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1406.988+/-0.389 χ^2/NDF :137423.5/8

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

Left In: 1423.532+/-0.395 χ^2/NDF :299924.9/7

Left: 1415.124+/-0.277 χ^2/NDF : 438238.9/16

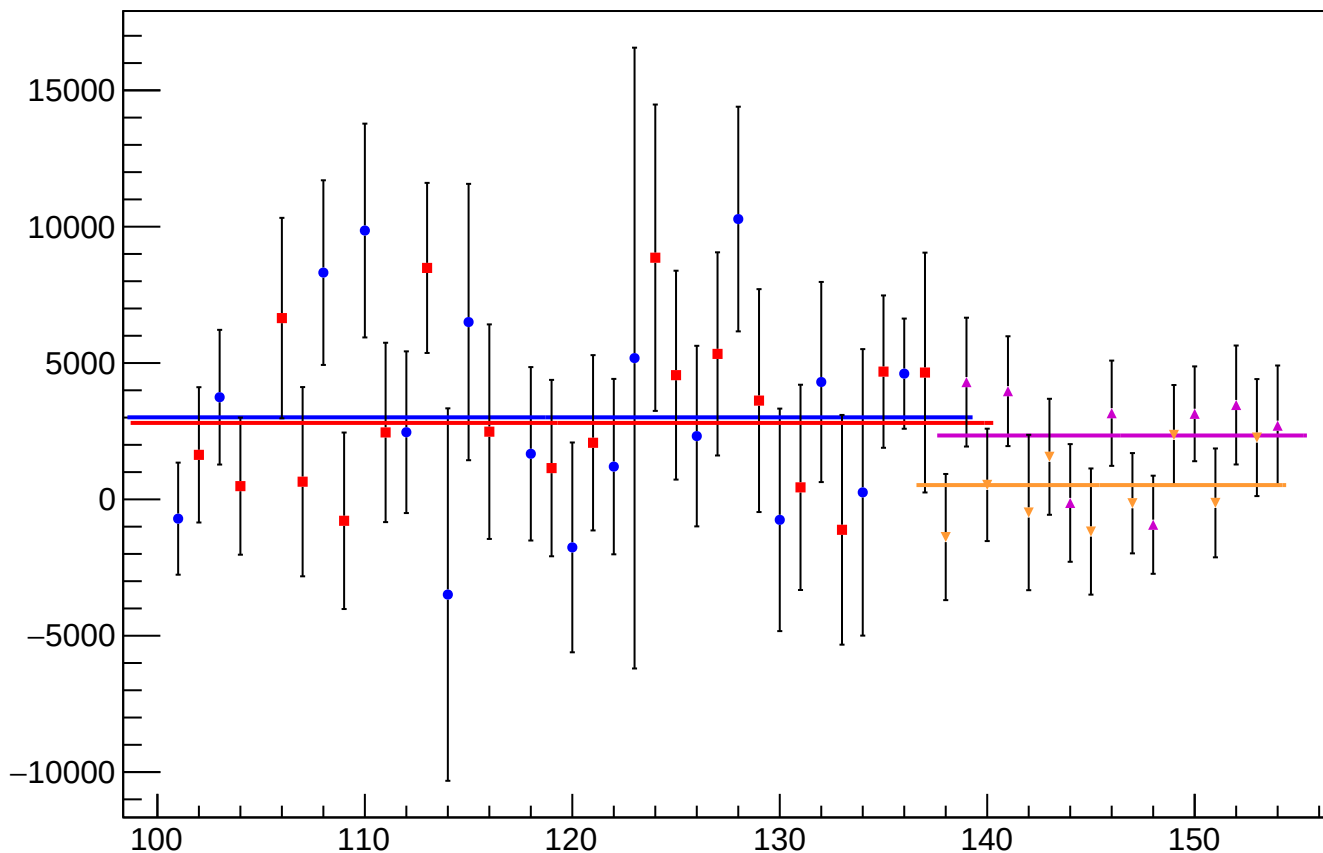
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1523.808+/-0.302 χ^2/NDF :1076631.6/24

Out: 1514.902+/-0.297 χ^2/NDF :1124777.8/26

All: 1519.281+/-0.212 χ^2/NDF : 2201852.4/51

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 524.365+/-704.256 χ^2/NDF : 3.5/8

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

Left In: 2342.788+/-713.527 χ^2/NDF : 6.6/7

Left: 1421.687+/-501.230 χ^2/NDF : 13.4/16

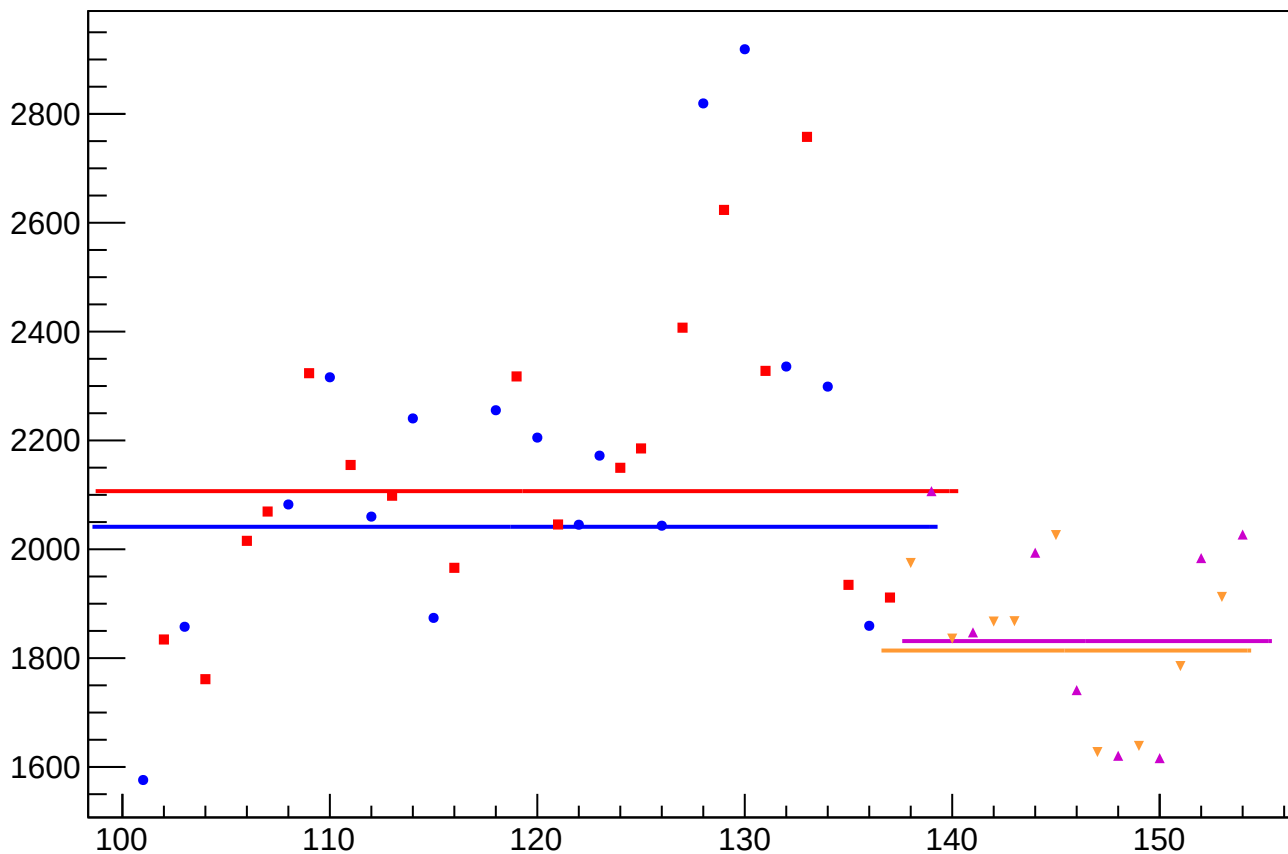
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2638.184+/-532.393 χ^2/NDF : 24.4/24

Out: 1520.235+/-528.492 χ^2/NDF : 19.3/26

All: 2075.099+/-375.072 χ^2/NDF : 45.9/51

asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1831.331 $\pm$ 0.505 χ^2/NDF : 126569.6/7

Left: 1822.530 $\pm$ 0.354 χ^2/NDF : 199433.3/16

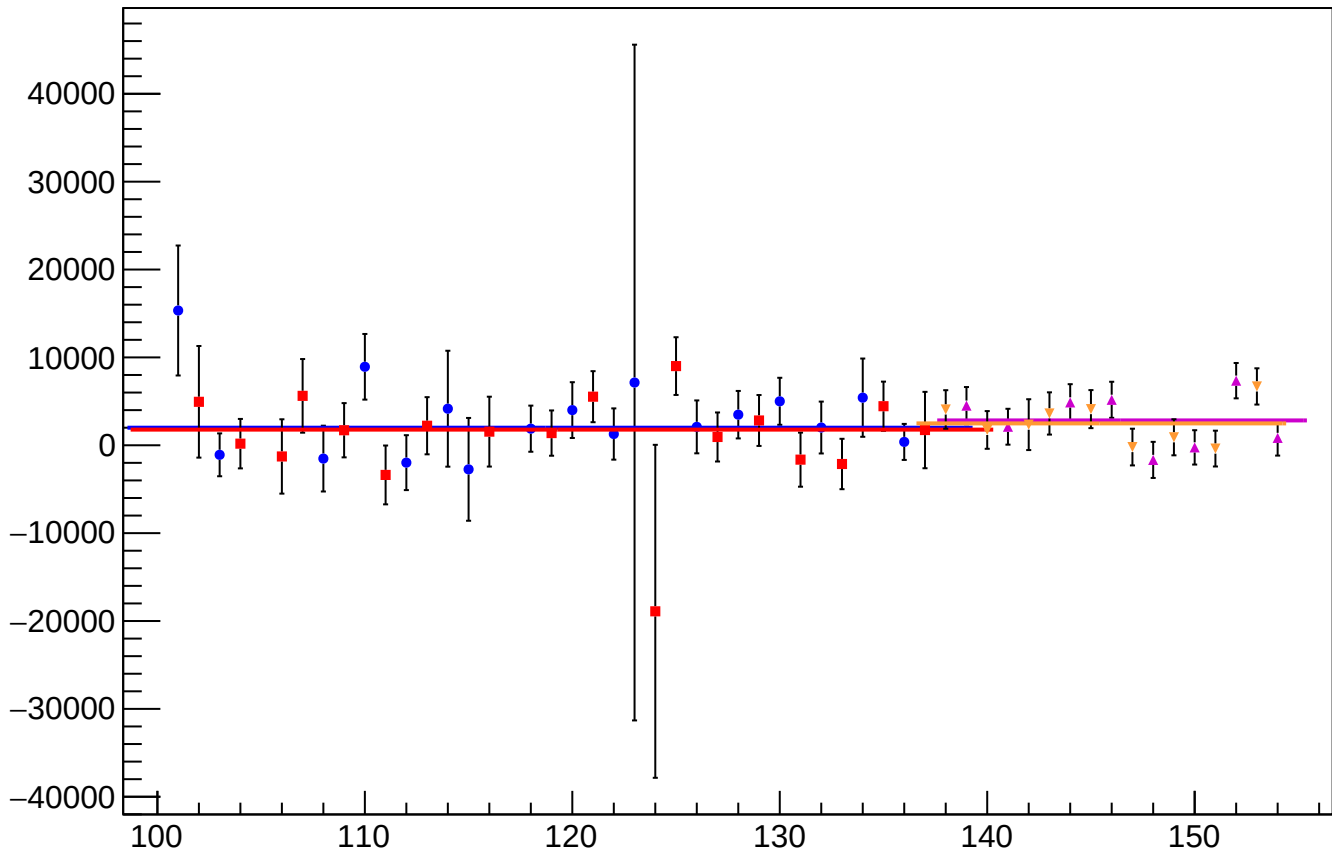
Right: 2074.099 $\pm$ 0.400 χ^2/NDF : 541866.5/34

In: 1924.425 $\pm$ 0.376 χ^2/NDF : 541811.3/24

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

All: 1933.231 $\pm$ 0.265 χ^2/NDF : 962999.1/51

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2827.878+/-720.727 χ^2/NDF : 16.3/7

Left: 2660.861+/-513.091 χ^2/NDF : 26.2/16

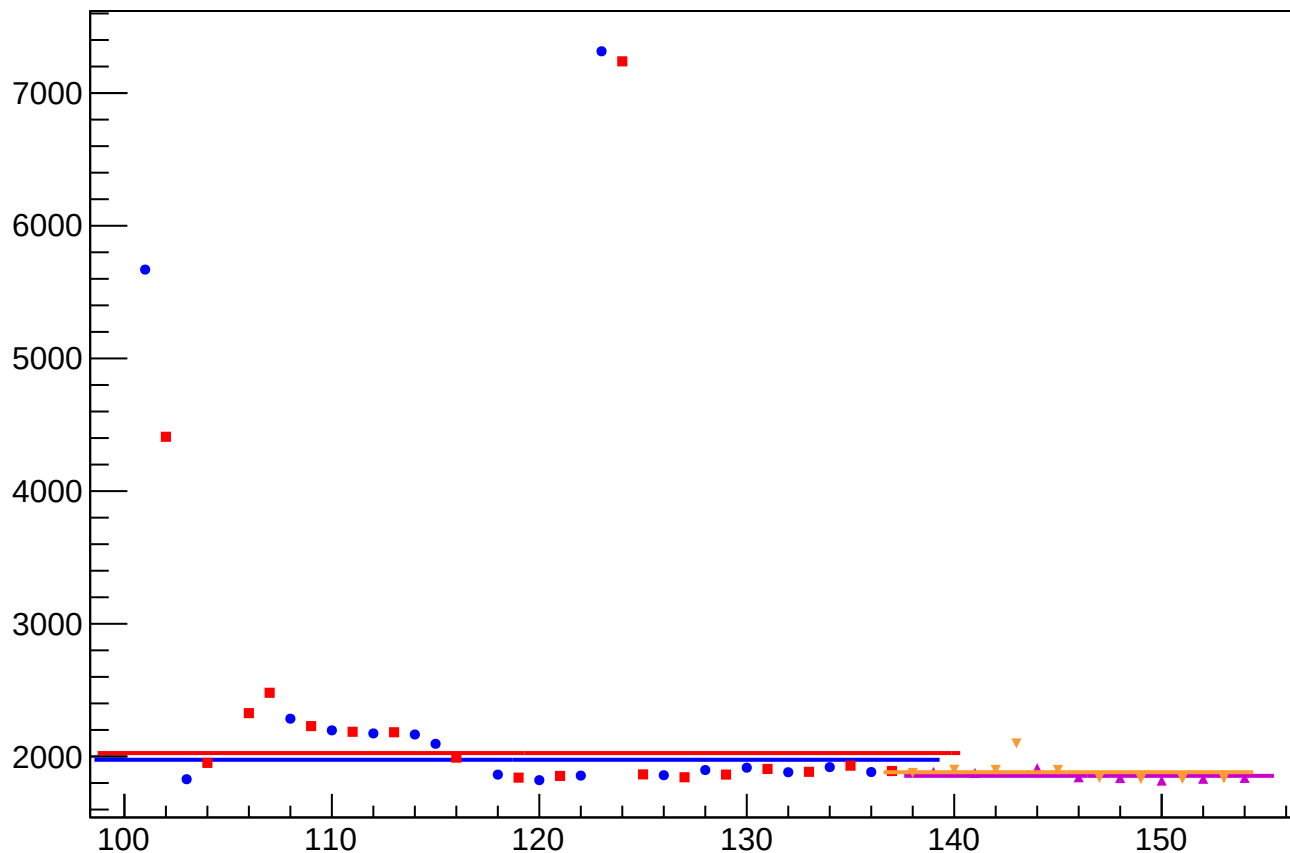
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2447.389+/-529.849 χ^2/NDF : 31.7/24

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

All: 2304.496+/-376.054 χ^2/NDF : 58.4/51

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1854.175+/-0.510 χ^2/NDF : 3389.7/7

Left: 1867.681+/-0.363 χ^2/NDF : 25979.5/16

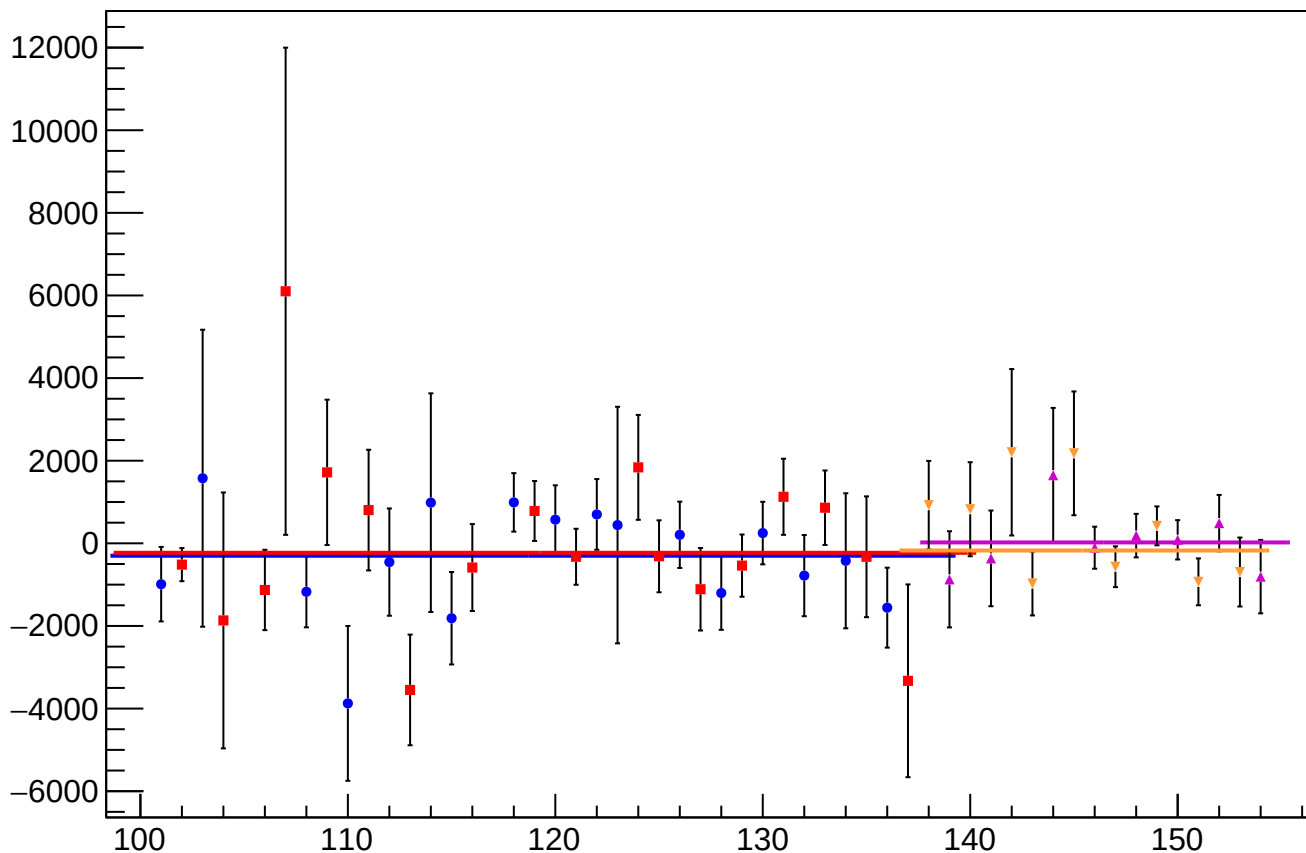
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1909.749+/-0.375 χ^2/NDF : 629098.1/24

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

All: 1929.146+/-0.266 χ^2/NDF : 1227424.7/51

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 21.964 ± 241.459 χ^2/NDF : 3.2/7

Left: -75.762 ± 170.717 χ^2/NDF : 14.7/16

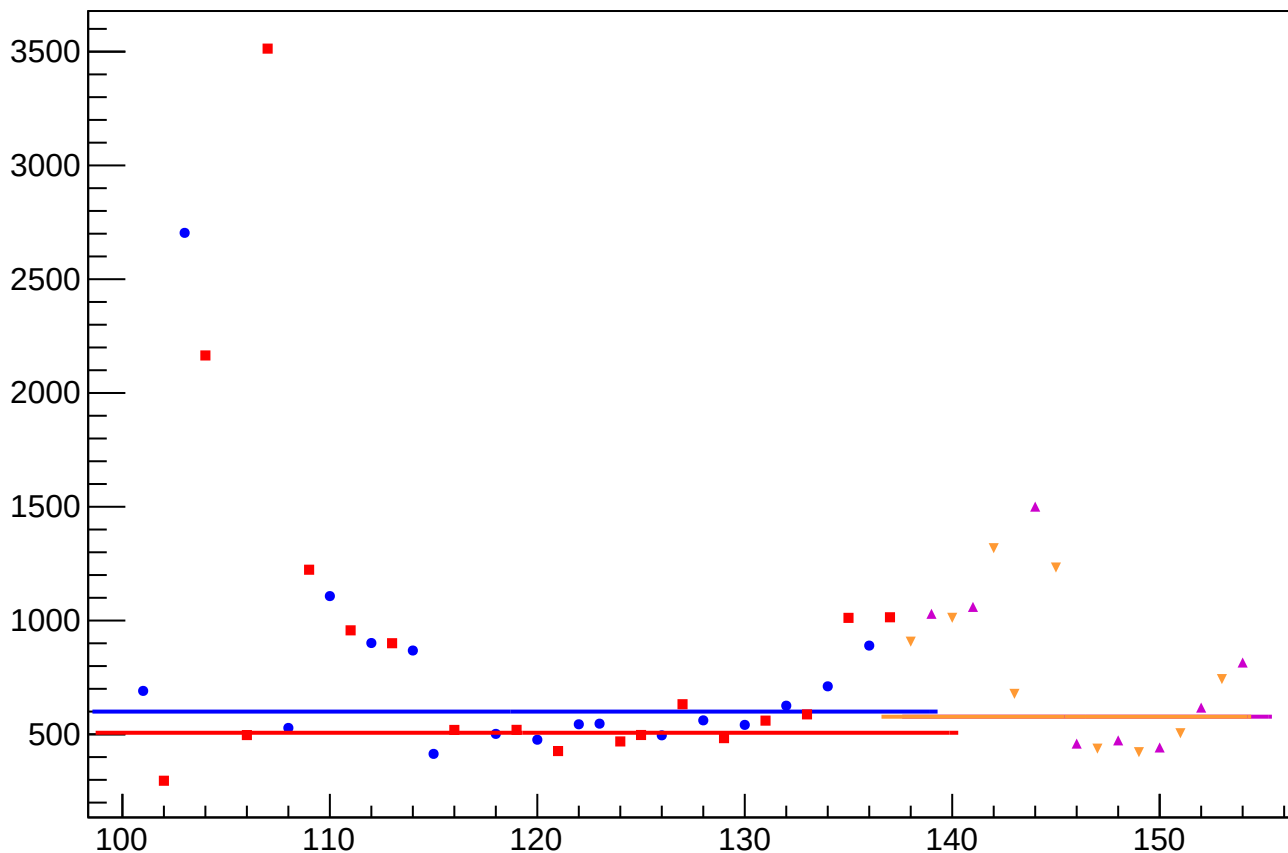
Right: -259.640 ± 162.327 χ^2/NDF : 39.2/34

In: -135.612 ± 172.531 χ^2/NDF : 21.4/24

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

All: -172.330 ± 117.637 χ^2/NDF : 54.5/51

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 577.387 $\pm$ 0.171 χ^2 /NDF:1659913.5/8

Right Out: 506.876 $\pm$ 0.152 χ^2 /NDF: 2760863.3/17

Left In: 577.564 $\pm$ 0.171 χ^2 /NDF:1789254.9/7

Left: 577.476 $\pm$ 0.121 χ^2 /NDF: 3449168.9/16

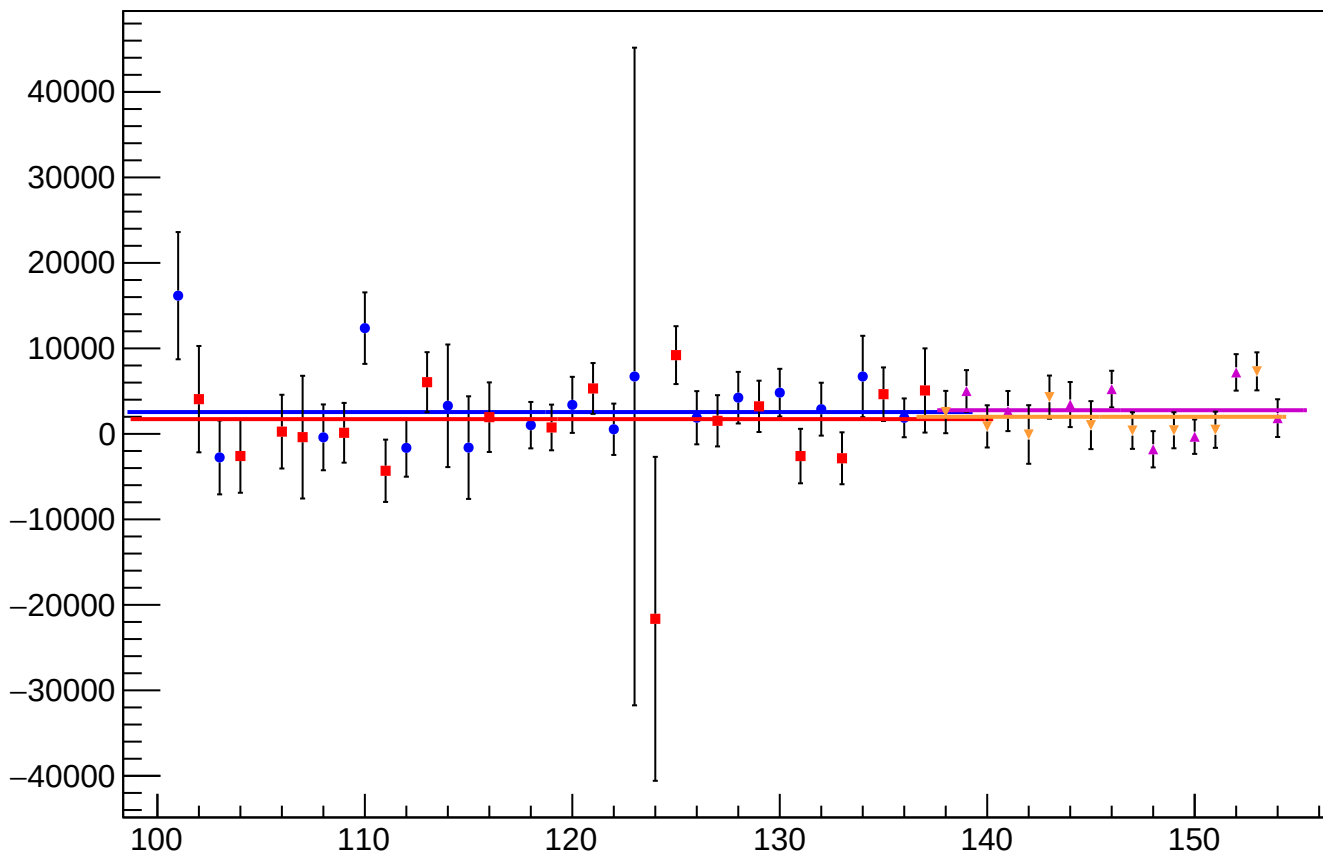
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 588.522 $\pm$ 0.122 χ^2 /NDF:3178720.4/24

Out: 538.167 $\pm$ 0.114 χ^2 /NDF:4515689.0/26

All: 561.577 $\pm$ 0.083 χ^2 /NDF: 7785574.1/51

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2766.669 $\pm$ 789.526 χ^2/NDF : 13.7/7

Left: 2386.592 $\pm$ 561.713 χ^2/NDF : 23.1/16

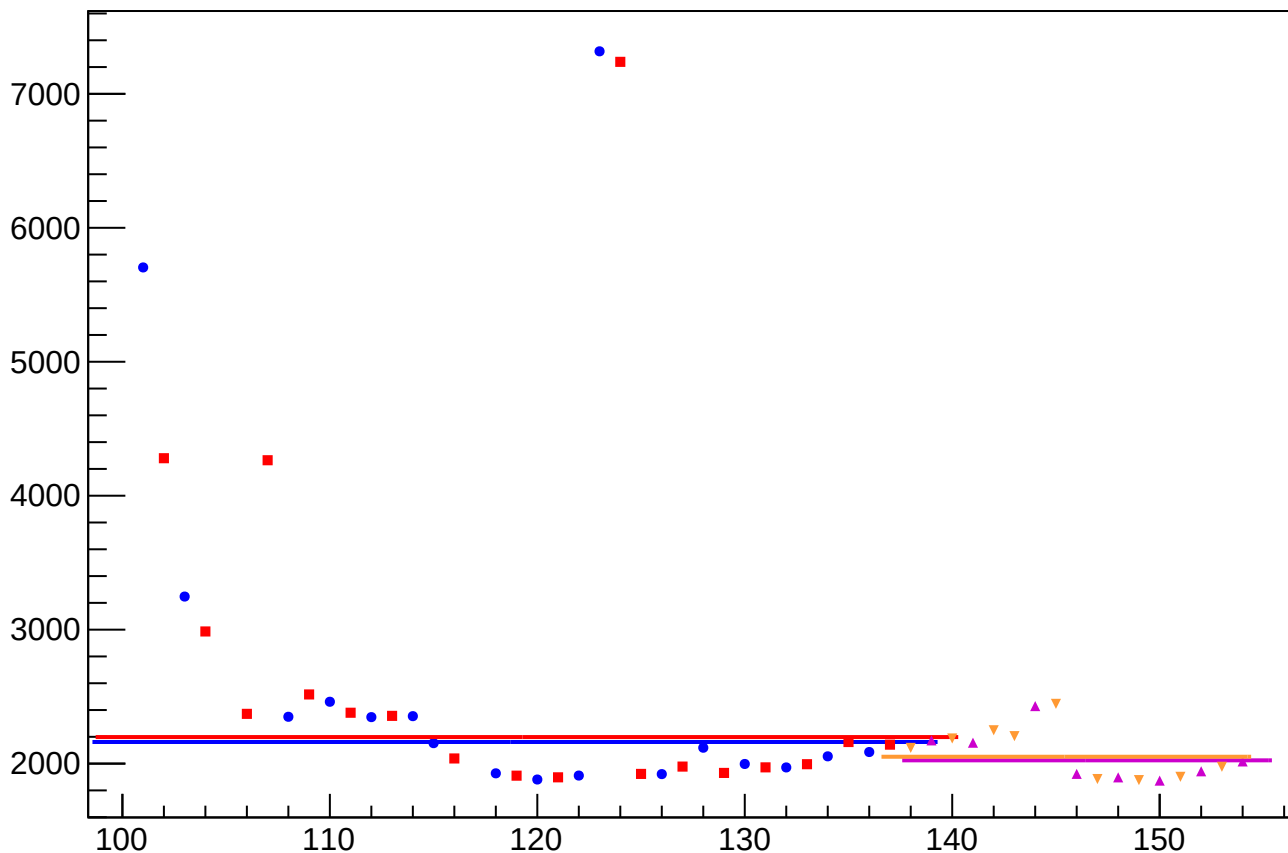
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2669.085 $\pm$ 581.262 χ^2/NDF : 29.5/24

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

All: 2271.958 $\pm$ 411.962 χ^2/NDF : 58.9/51

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2024.409 $\pm$ 0.558 χ^2 /NDF:86781.2/7

Left: 2037.673 $\pm$ 0.397 χ^2 /NDF: 187234.6/16

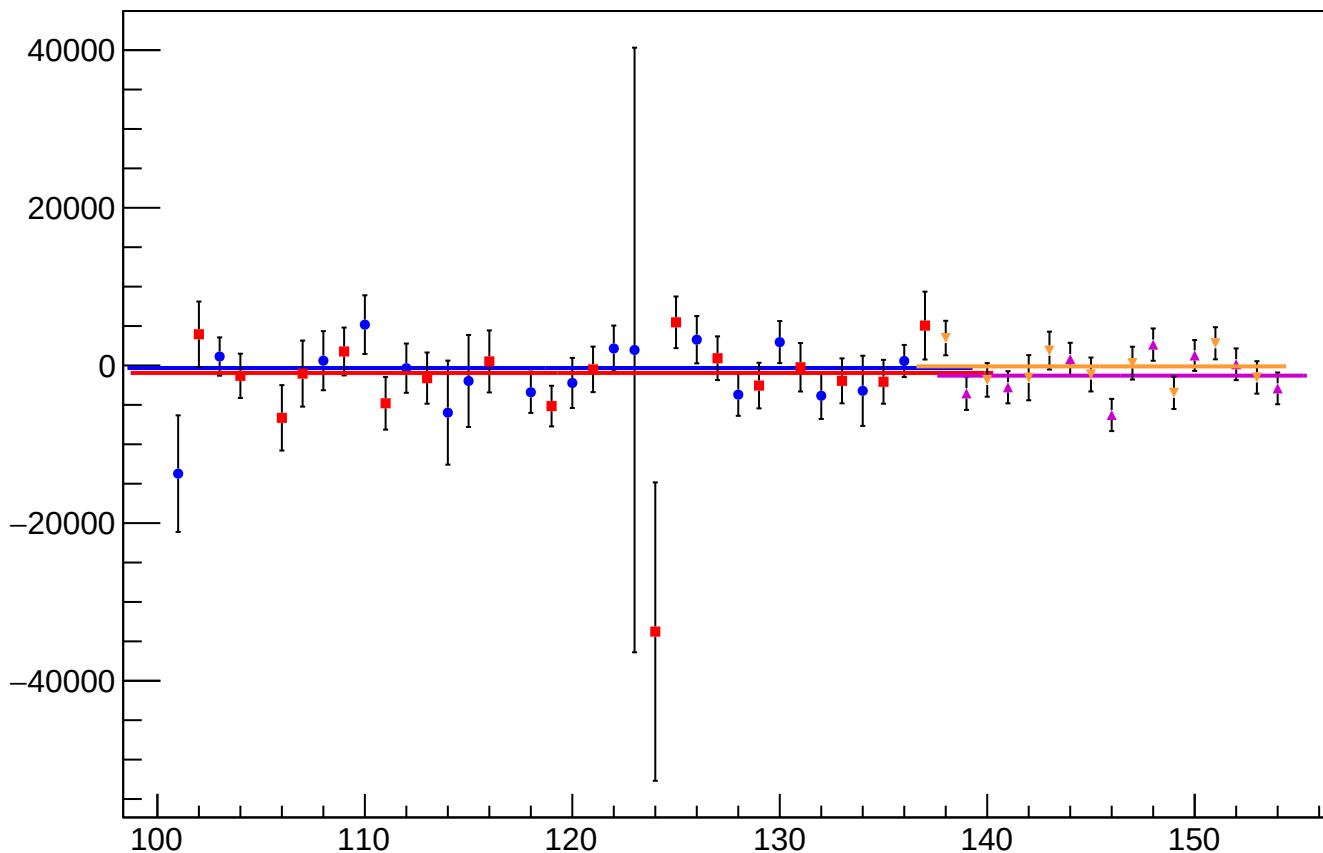
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2087.157 $\pm$ 0.411 χ^2 /NDF:825618.2/24

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

All: 2103.391 $\pm$ 0.291 χ^2 /NDF: 1693442.4/51

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1292.320+/-718.605 χ^2/NDF : 15.2/7

Left: -712.921+/-511.500 χ^2/NDF : 26.3/16

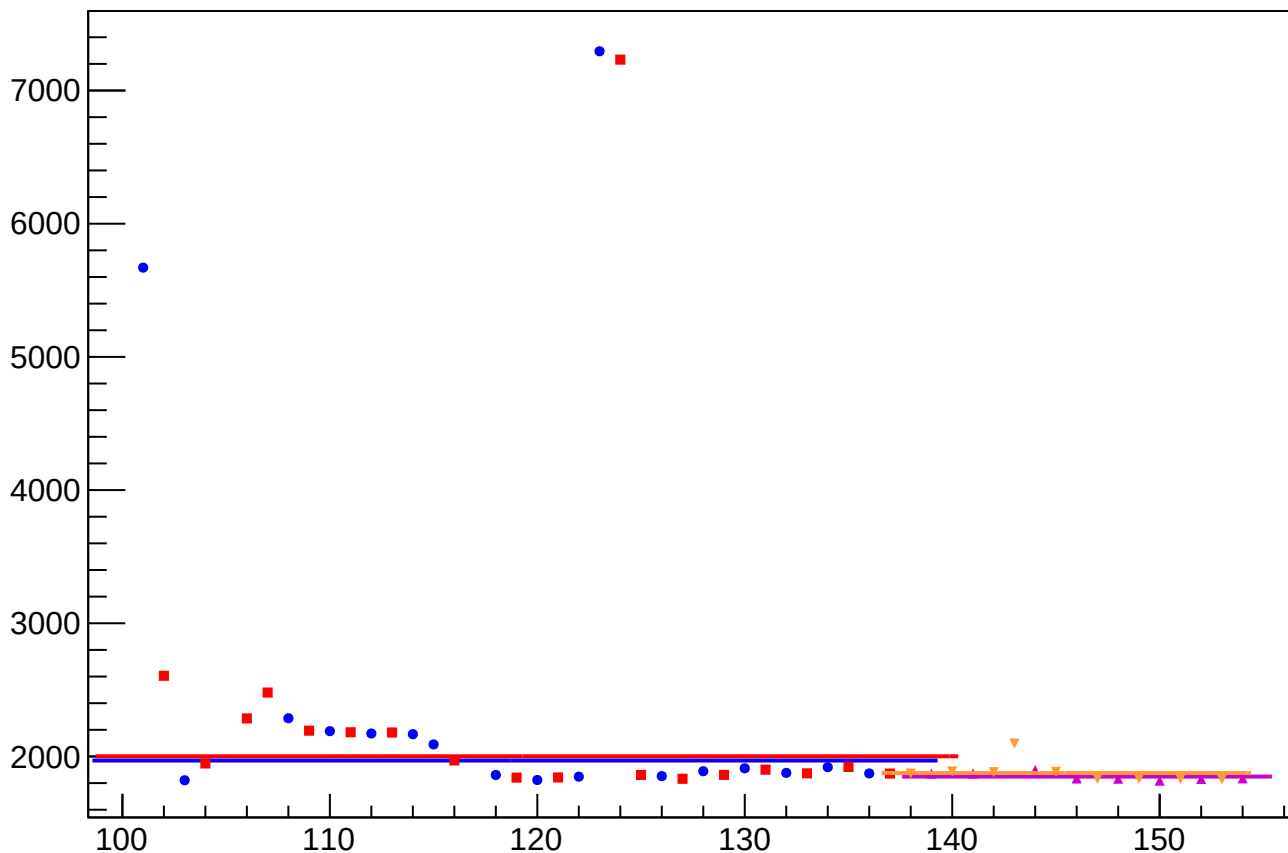
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -847.341+/-528.351 χ^2/NDF : 31.8/24

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

All: -679.548+/-373.893 χ^2/NDF : 60.6/51

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1875.456+/-0.515 χ^2/NDF : 21004.6/8

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

Left In: 1848.829+/-0.508 χ^2/NDF : 2629.8/7

Left: 1861.966+/-0.362 χ^2/NDF : 24989.1/16

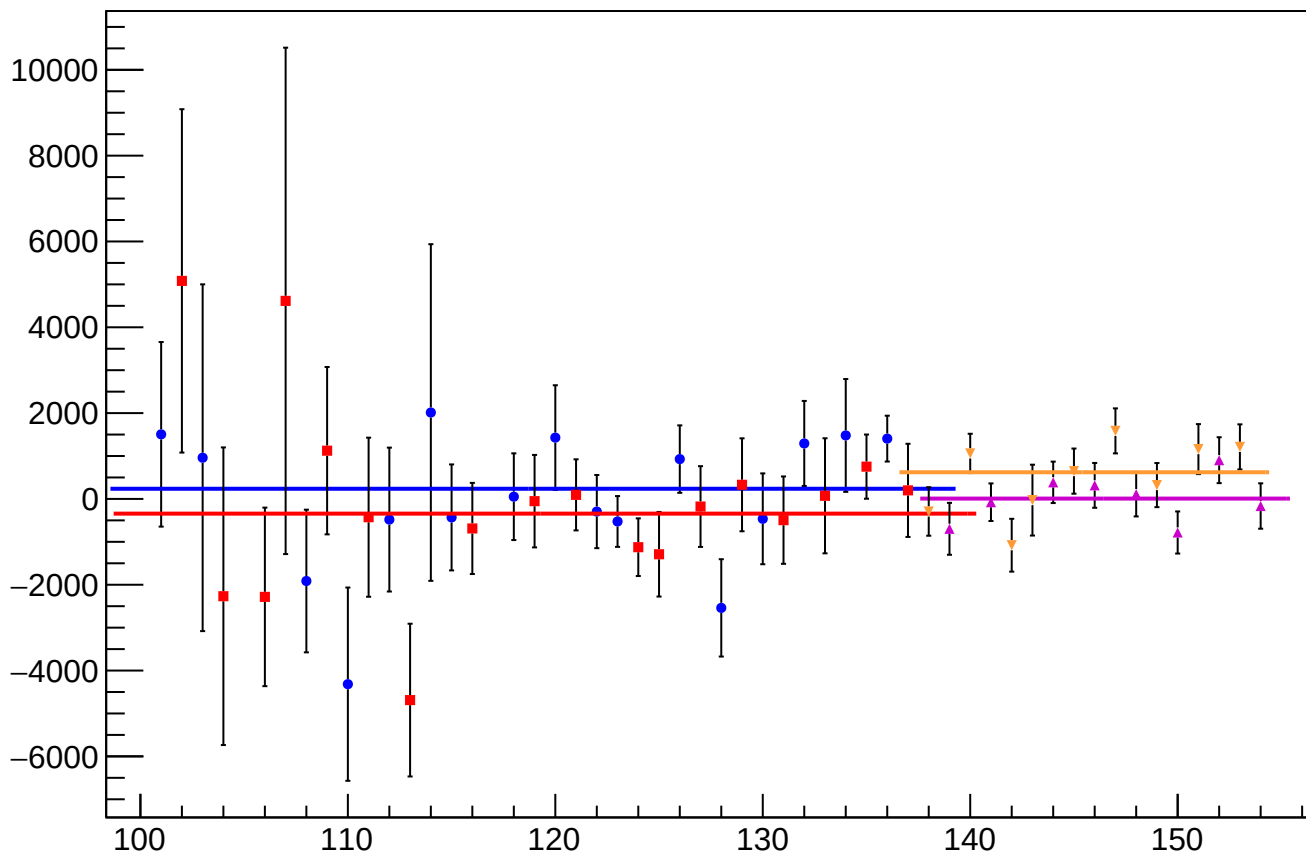
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1904.264+/-0.374 χ^2/NDF : 631347.3/24

Out: 1934.792+/-0.374 χ^2/NDF : 339761.9/26

All: 1919.504+/-0.264 χ^2/NDF : 974442.3/51

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 7.780 $\pm$ 180.077 χ^2/NDF : 7.9/7

Left: 308.223 $\pm$ 128.631 χ^2/NDF : 31.2/16

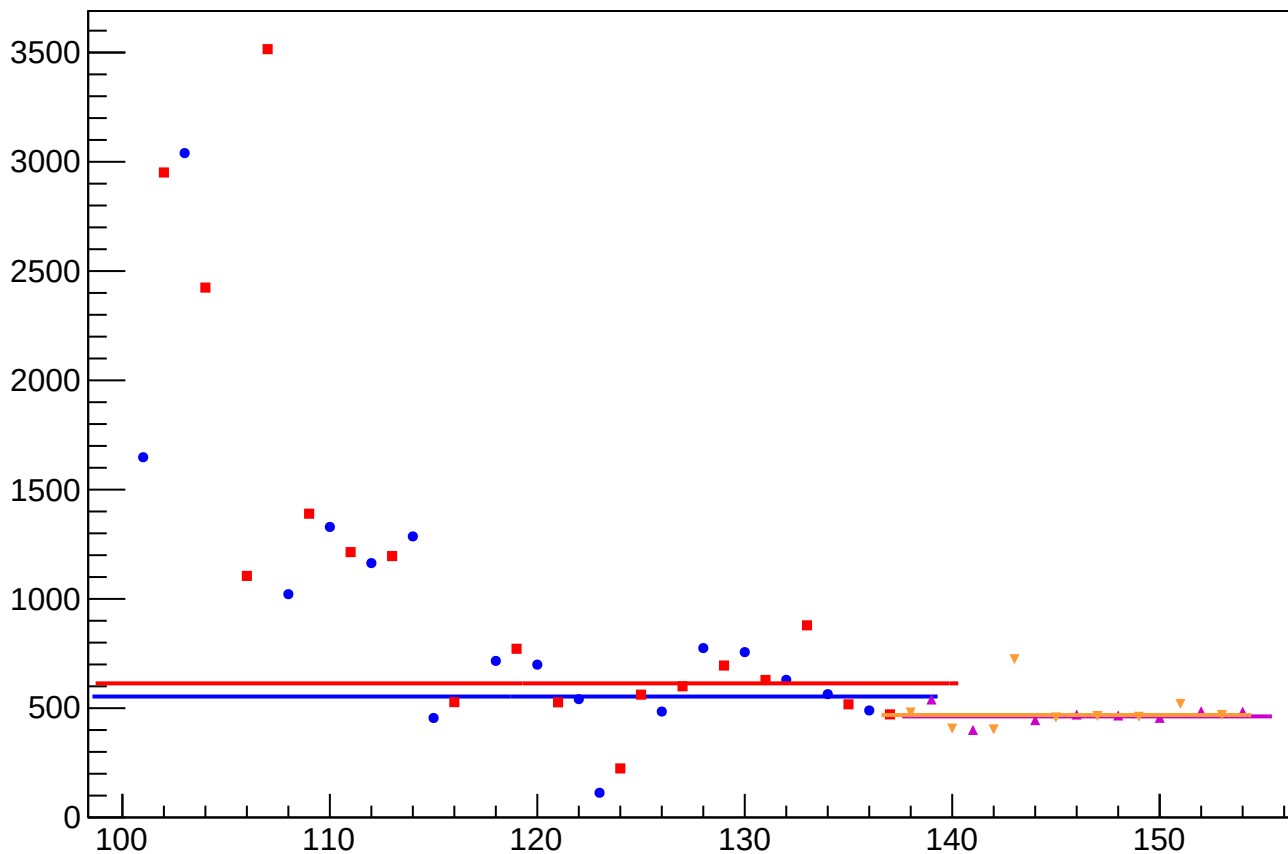
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 86.614 $\pm$ 145.837 χ^2/NDF : 32.3/24

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

All: 195.717 $\pm$ 105.129 χ^2/NDF : 75.8/51

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 468.670 $\pm$ 0.130 χ^2 /NDF: 268442.0/8

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

Left In: 462.361 $\pm$ 0.127 χ^2 /NDF: 83398.1/7

Left: 465.451 $\pm$ 0.091 χ^2 /NDF: 353042.3/16

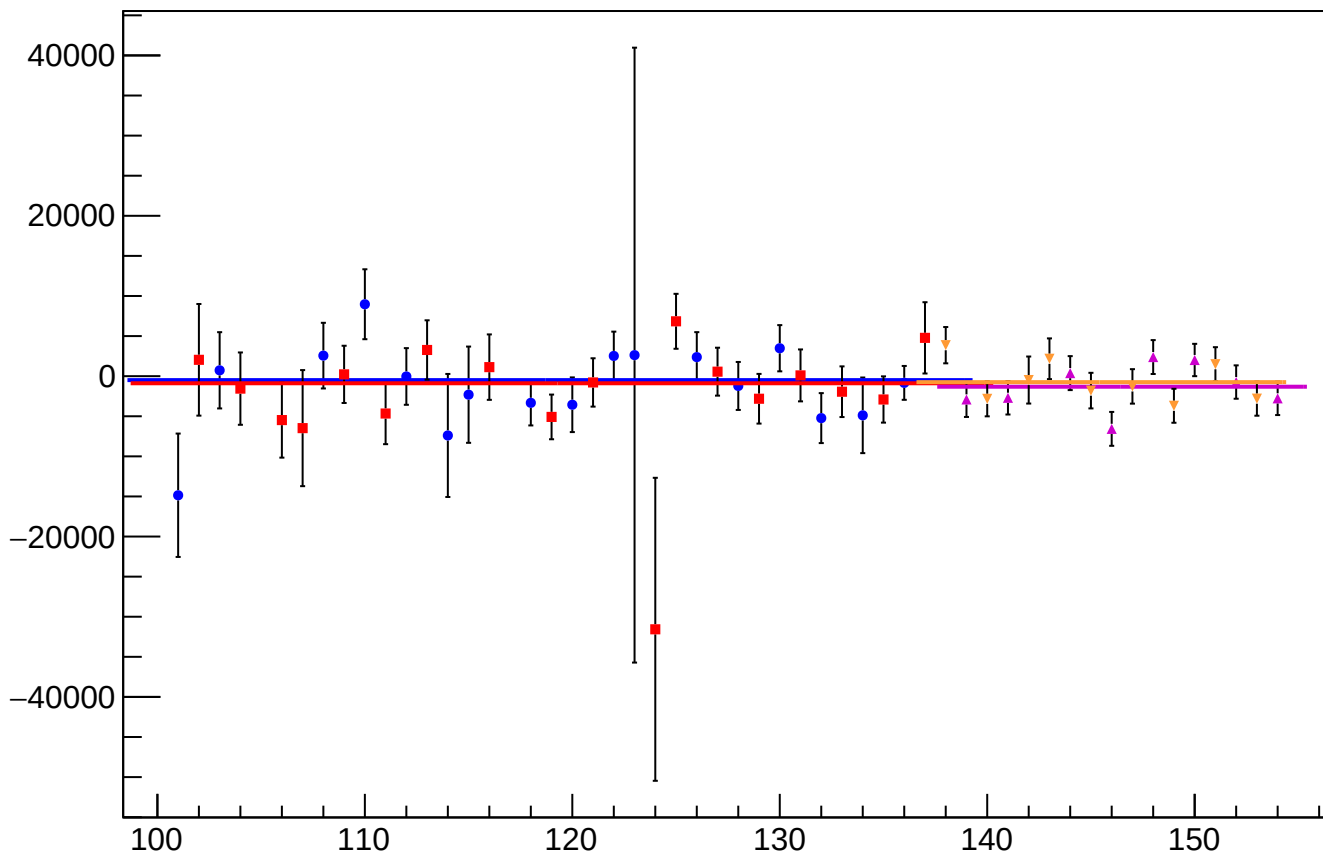
Right: 581.103 $\pm$ 0.129 χ^2 /NDF: 6943410.9/34

In: 493.649 $\pm$ 0.103 χ^2 /NDF: 3671590.7/24

Out: 514.890 $\pm$ 0.107 χ^2 /NDF: 4141308.0/26

All: 503.852 $\pm$ 0.074 χ^2 /NDF: 7833278.4/51

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1315.233+/-741.808 χ^2/NDF : 14.1/7

Left: -1034.541+/-528.605 χ^2/NDF : 25.1/16

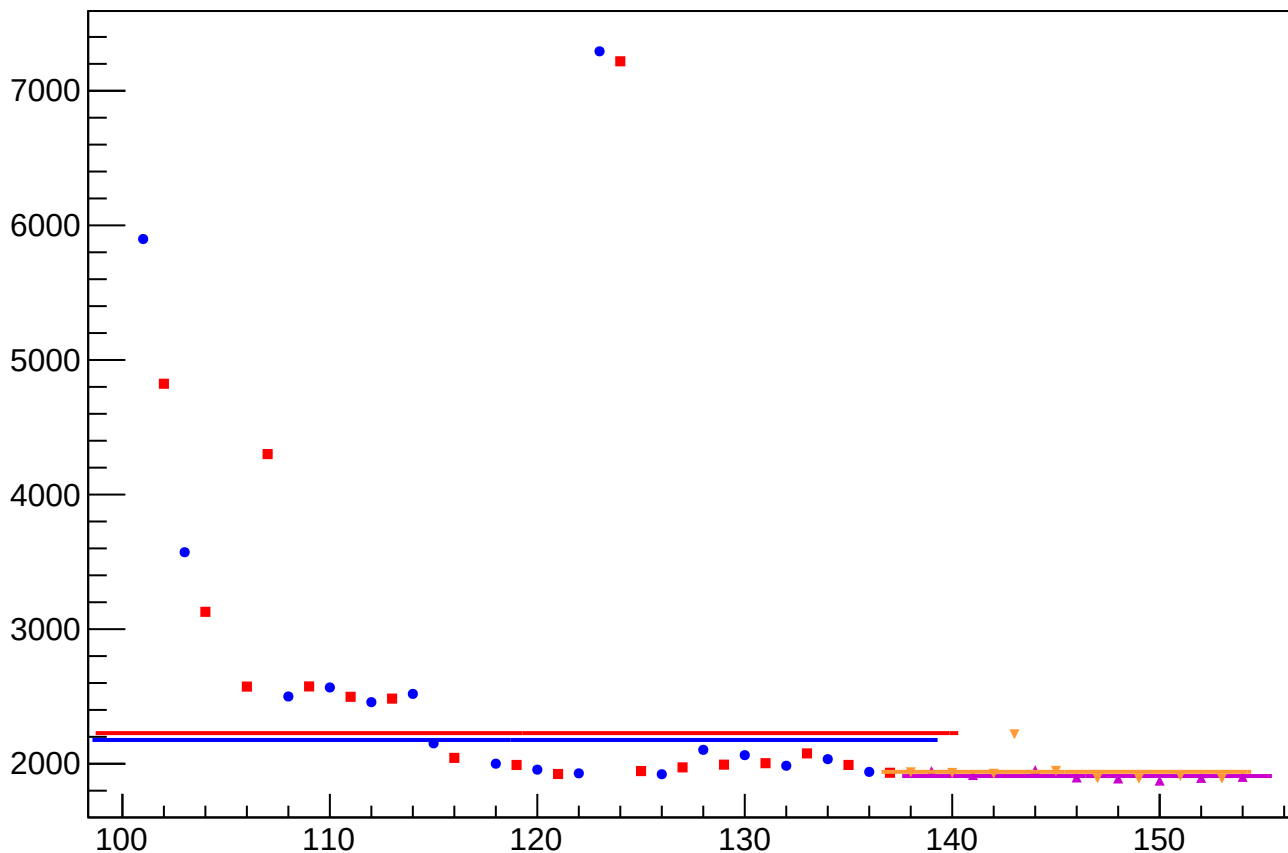
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -967.724+/-563.922 χ^2/NDF : 33.2/24

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

All: -887.088+/-400.644 χ^2/NDF : 61.2/51

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1908.745 $\pm$ 0.525 χ^2 /NDF: 2302.2/7

Left: 1924.208 $\pm$ 0.374 χ^2 /NDF: 31971.7/16

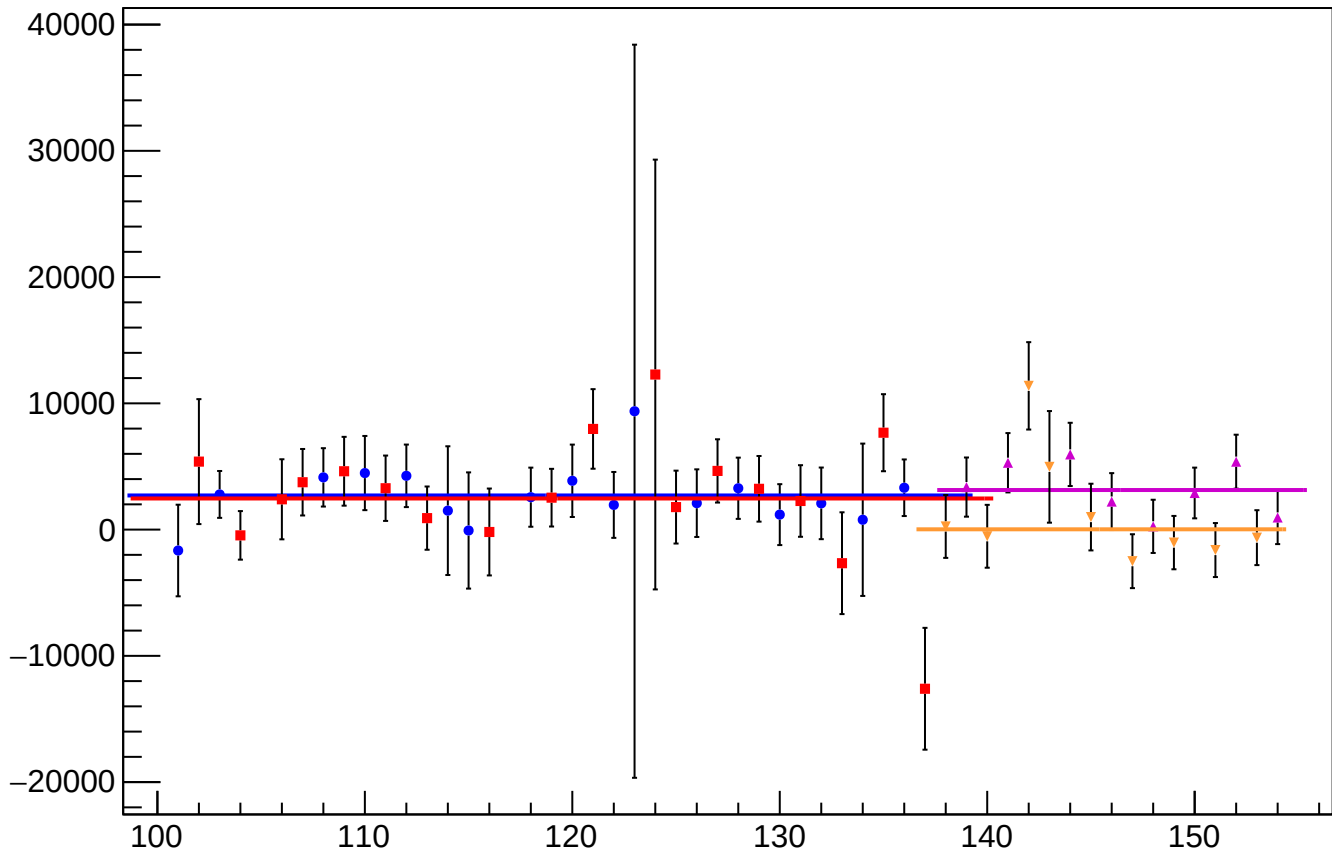
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2021.867 $\pm$ 0.399 χ^2 /NDF: 915167.4/24

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

All: 2042.499 $\pm$ 0.283 χ^2 /NDF: 1899112.2/51

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3134.429 $\pm$ 781.677 χ^2 /NDF:6.3/7

Left: 1659.729 $\pm$ 566.968 χ^2 /NDF: 28.4/16

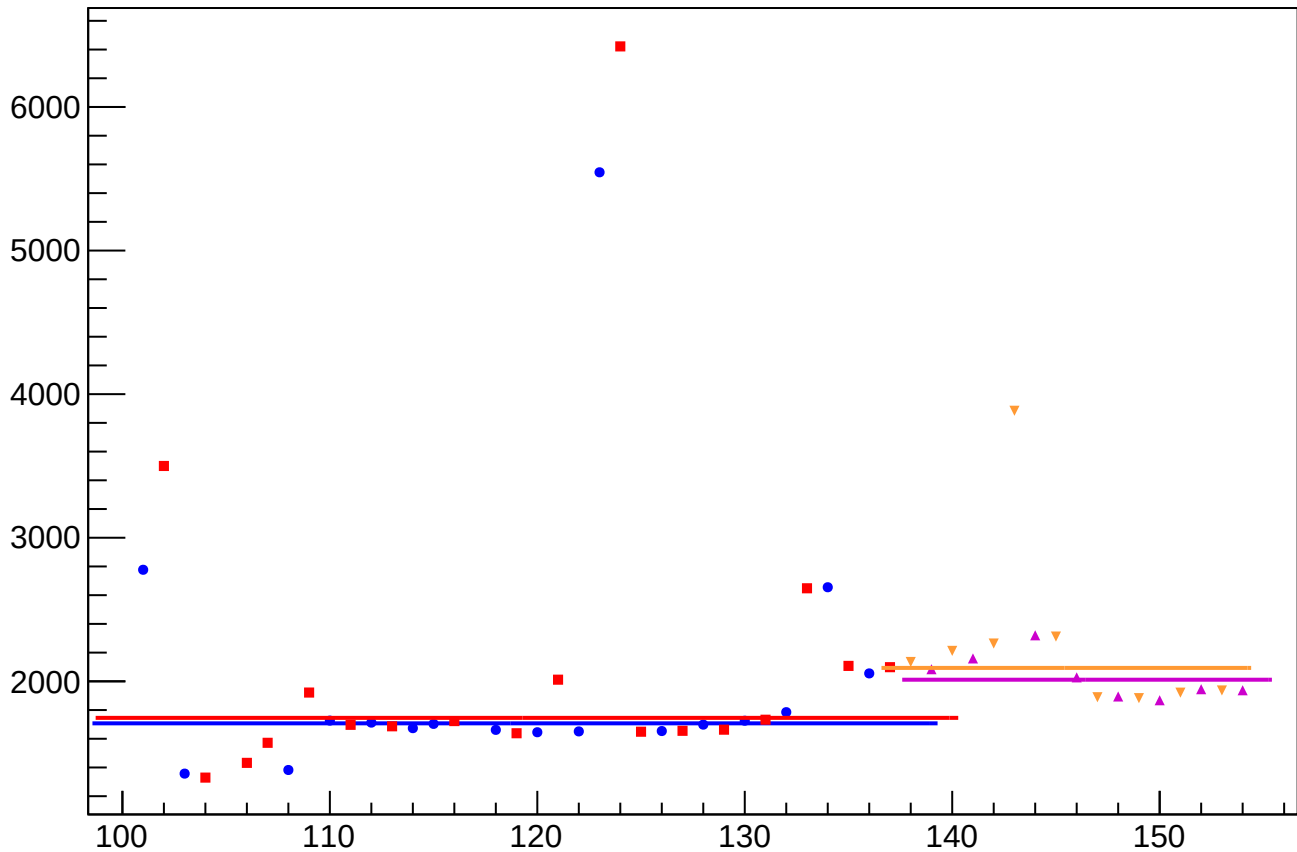
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2887.235 $\pm$ 510.405 χ^2 /NDF:10.5/24

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

All: 2199.291 $\pm$ 366.254 χ^2 /NDF: 57.2/51

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2093.453+/-0.582 χ^2/NDF : 413422.9/8

Right Out: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

Left In: 2011.220+/-0.553 χ^2/NDF : 61104.4/7

Left: 2050.191+/-0.401 χ^2/NDF : 485017.1/16

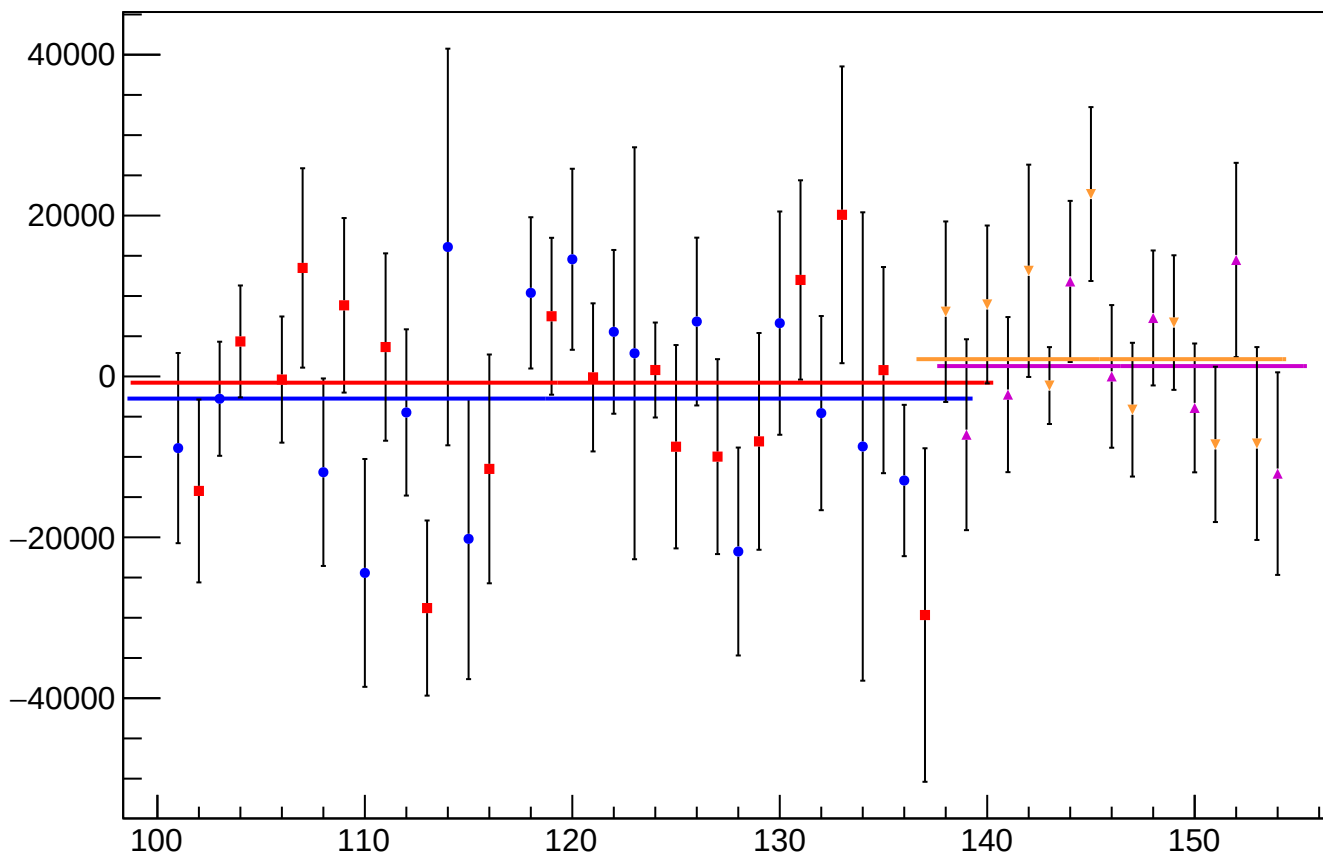
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1836.928+/-0.361 χ^2/NDF : 656607.0/24

Out: 1887.339+/-0.372 χ^2/NDF : 1324097.0/26

All: 1861.386+/-0.259 χ^2/NDF : 1990169.3/51

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2150.175+/-2853.287 χ^2/NDF : 8.4/8

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: 1288.906+/-3460.433 χ^2/NDF : 5.0/7

Left: 1801.604+/-2201.439 χ^2/NDF : 13.4/16

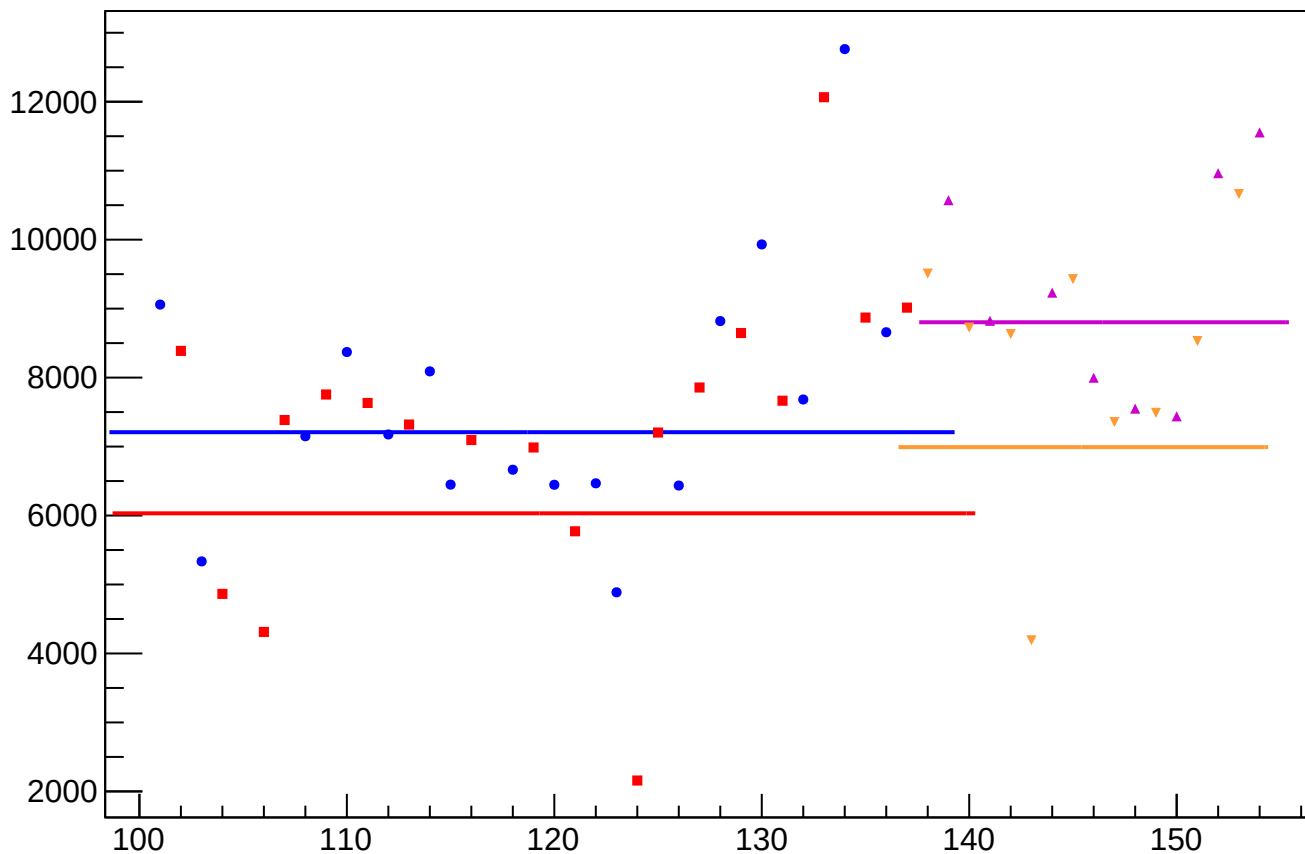
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1123.249+/-2196.428 χ^2/NDF : 20.4/24

Out: 461.088+/-1854.753 χ^2/NDF : 26.7/26

All: -198.402+/-1417.089 χ^2/NDF : 47.4/51

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 8802.402+/-2.447 χ^2/NDF : 326864.9/7

Left: 7724.714+/-1.557 χ^2/NDF : 1883680.4/16

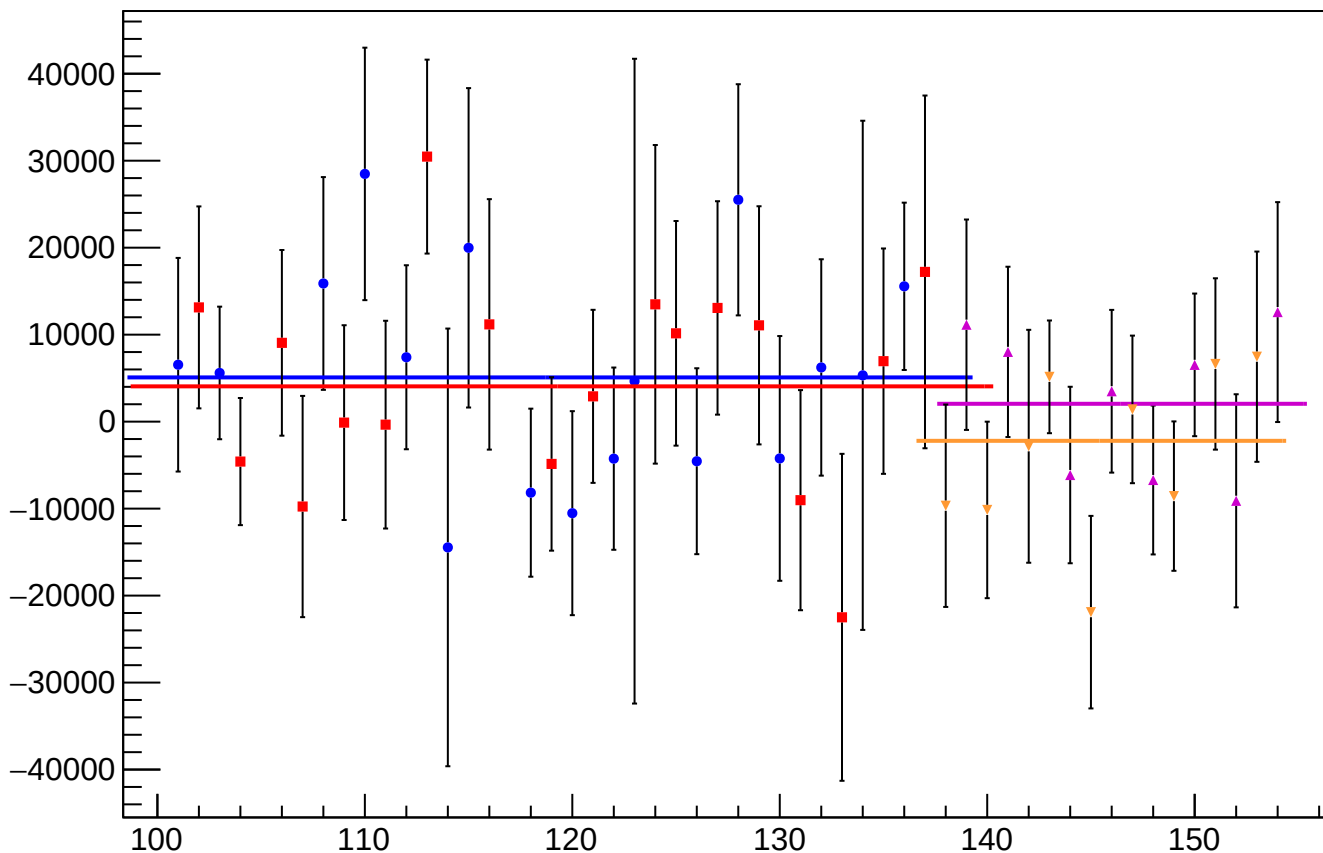
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7850.555+/-1.553 χ^2/NDF : 1074034.0/24

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

All: 7025.851+/-1.002 χ^2/NDF : 4716265.9/51

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2051.524 $\pm$ 3538.770 χ^2 /NDF: 4.5/7

Left: -307.980 $\pm$ 2362.798 χ^2 /NDF: 12.9/16

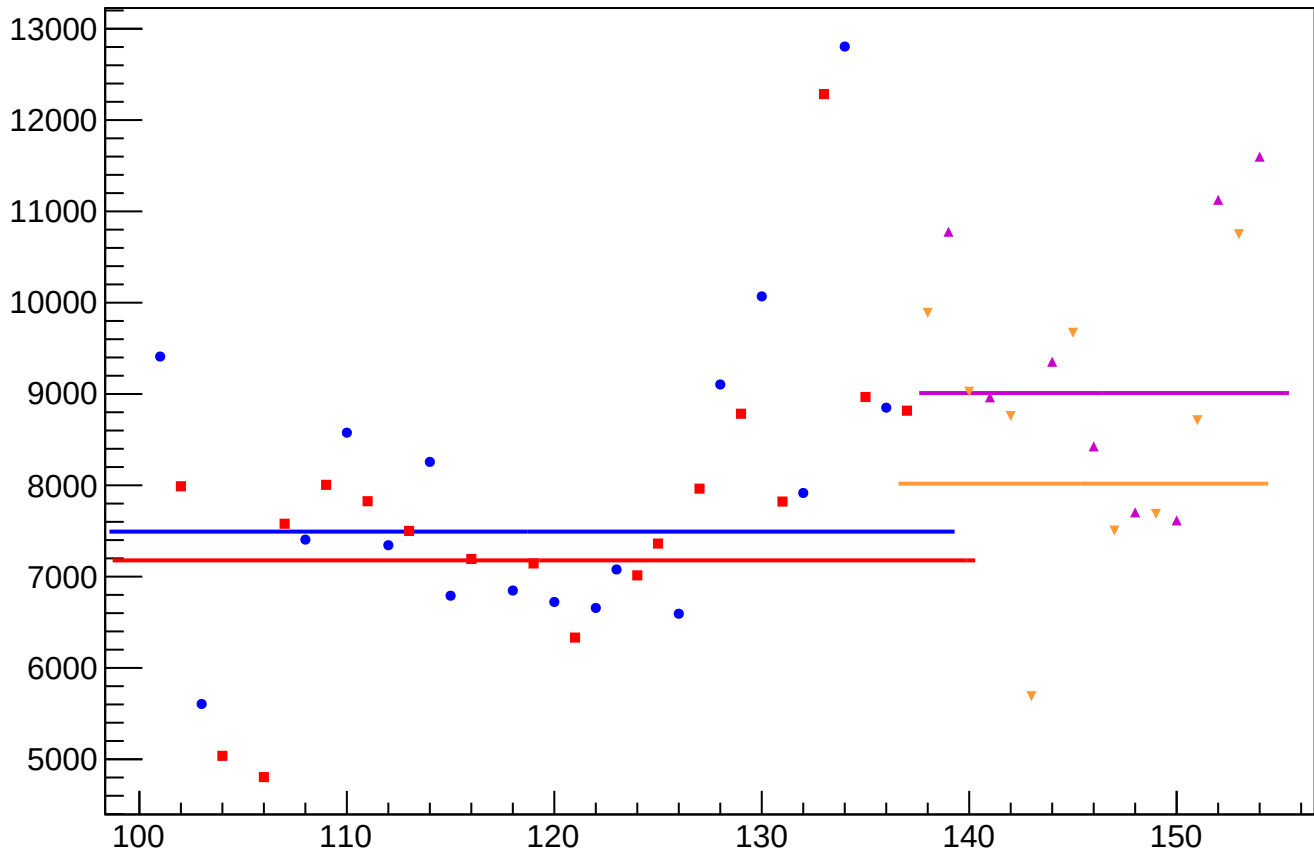
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3838.435 $\pm$ 2268.304 χ^2 /NDF: 18.9/24

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

All: 2479.540 $\pm$ 1540.894 χ^2 /NDF: 44.6/51

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2/NDF : 437084.4/16

Left Out: 8018.071 $\pm$ 2.244 χ^2/NDF : 502632.4/8

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

Left In: 9010.276 $\pm$ 2.502 χ^2/NDF : 300801.0/7

Left: 8460.405 $\pm$ 1.671 χ^2/NDF : 890567.4/16

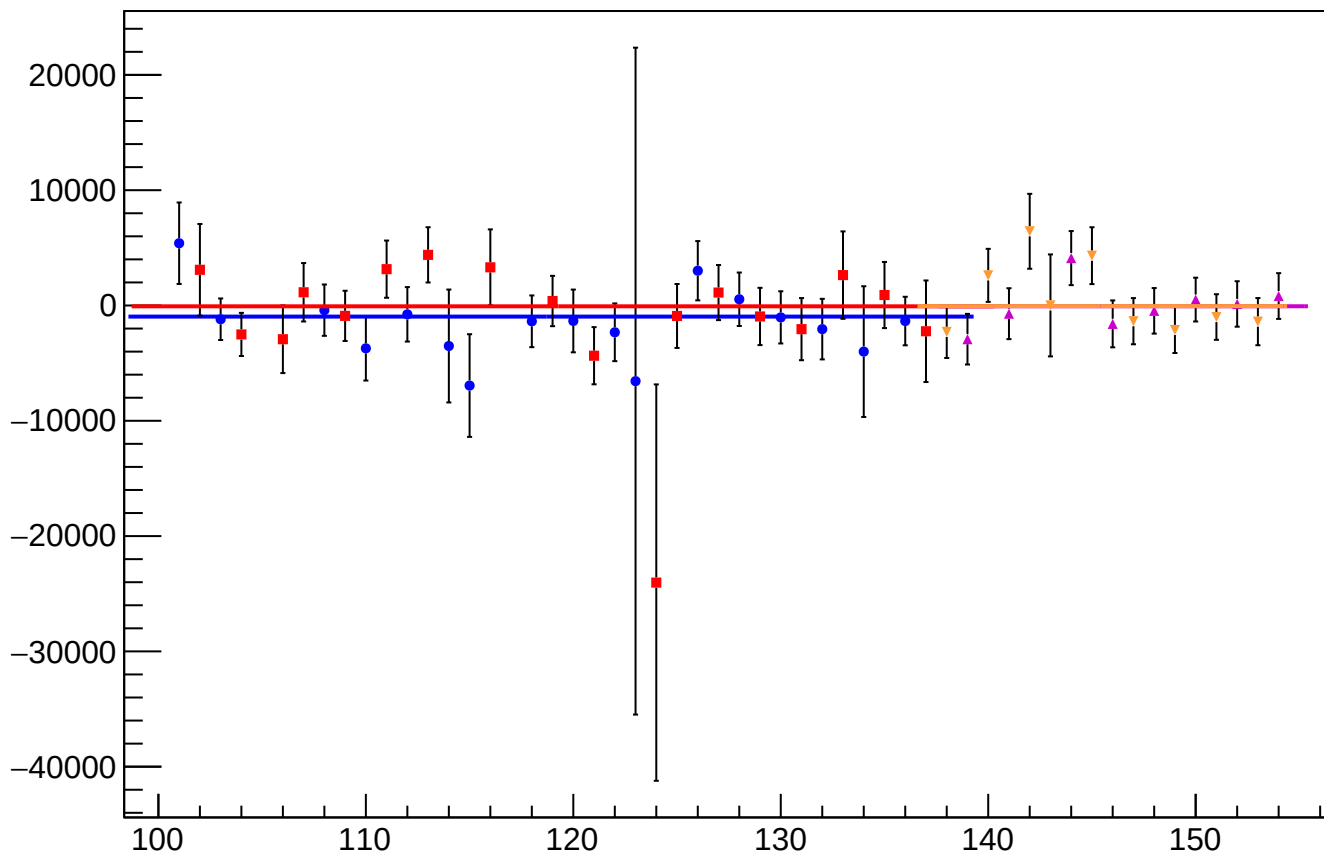
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 8116.327 $\pm$ 1.604 χ^2/NDF : 954519.3/24

Out: 7545.510 $\pm$ 1.485 χ^2/NDF : 1137367.7/26

All: 7808.908 $\pm$ 1.090 χ^2/NDF : 2160100.1/51

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -65.816+/-729.155 χ^2/NDF : 5.9/7

Left: -60.999+/-529.240 χ^2/NDF : 17.5/16

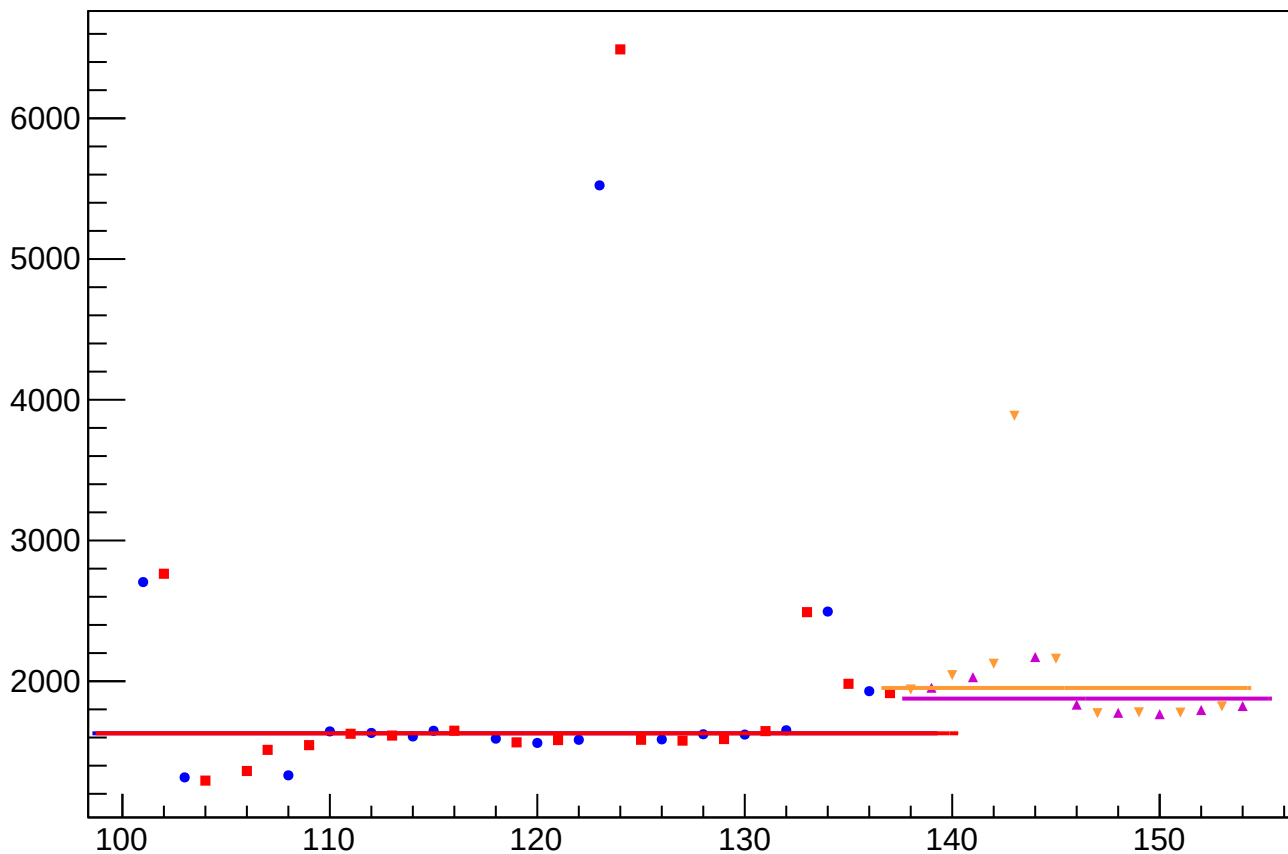
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -570.244+/-482.278 χ^2/NDF : 16.8/24

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

All: -321.352+/-343.539 χ^2/NDF : 45.7/51

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1952.211+/-0.544 χ^2/NDF : 460370.4/8

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

Left In: 1876.638+/-0.516 χ^2/NDF : 61418.9/7

Left: 1912.397+/-0.374 χ^2/NDF : 531955.0/16

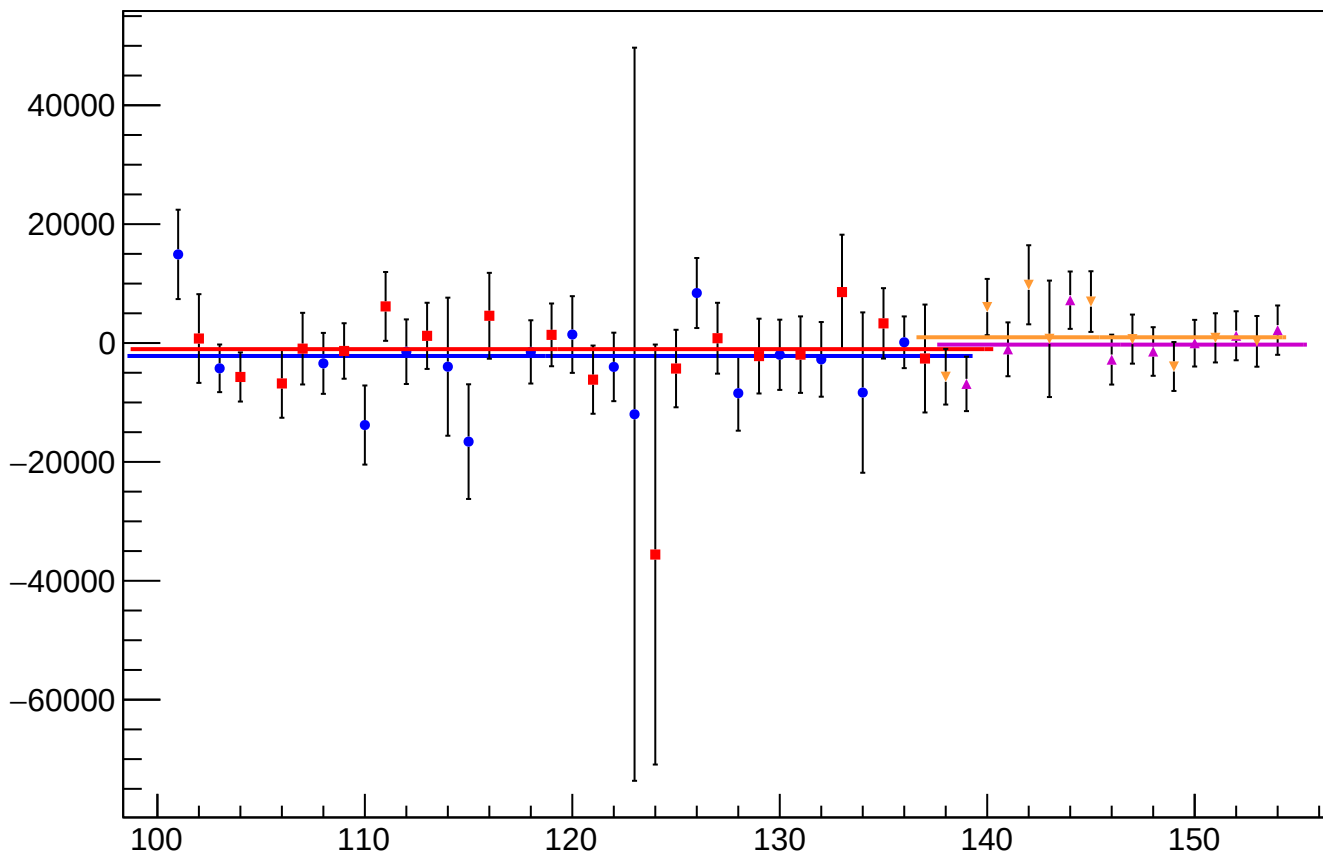
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1737.873+/-0.341 χ^2/NDF : 598340.1/24

Out: 1760.378+/-0.346 χ^2/NDF : 1226703.3/26

All: 1748.958+/-0.243 χ^2/NDF : 1827188.7/51

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -268.578+/-1511.457 χ^2/NDF : 5.4/7

Left: 316.528+/-1097.354 χ^2/NDF : 13.5/16

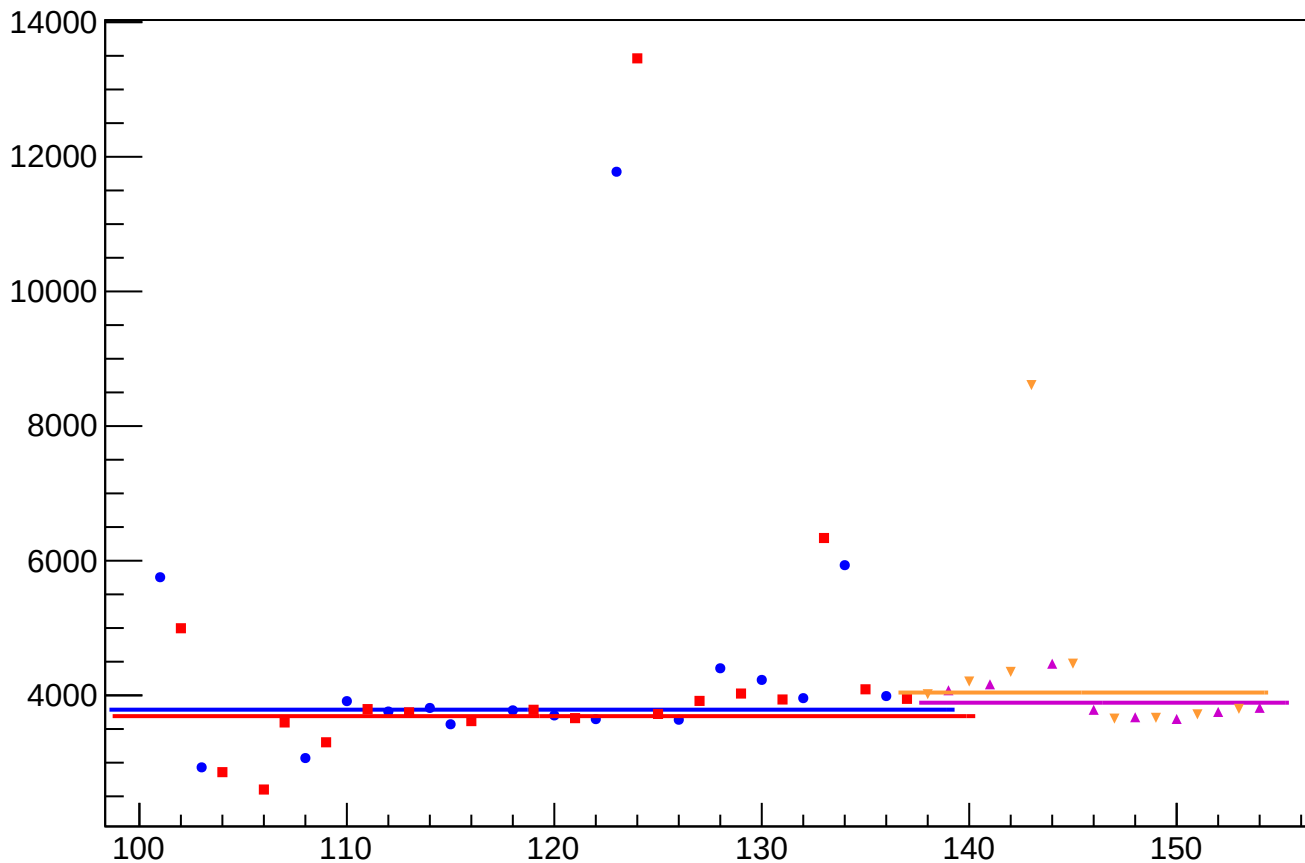
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1235.632+/-1062.185 χ^2/NDF : 22.2/24

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

All: -686.714+/-753.834 χ^2/NDF : 40.0/51

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3890.811+/-1.069 χ^2/NDF : 56637.1/7

Left: 3962.171+/-0.776 χ^2/NDF : 574556.4/16

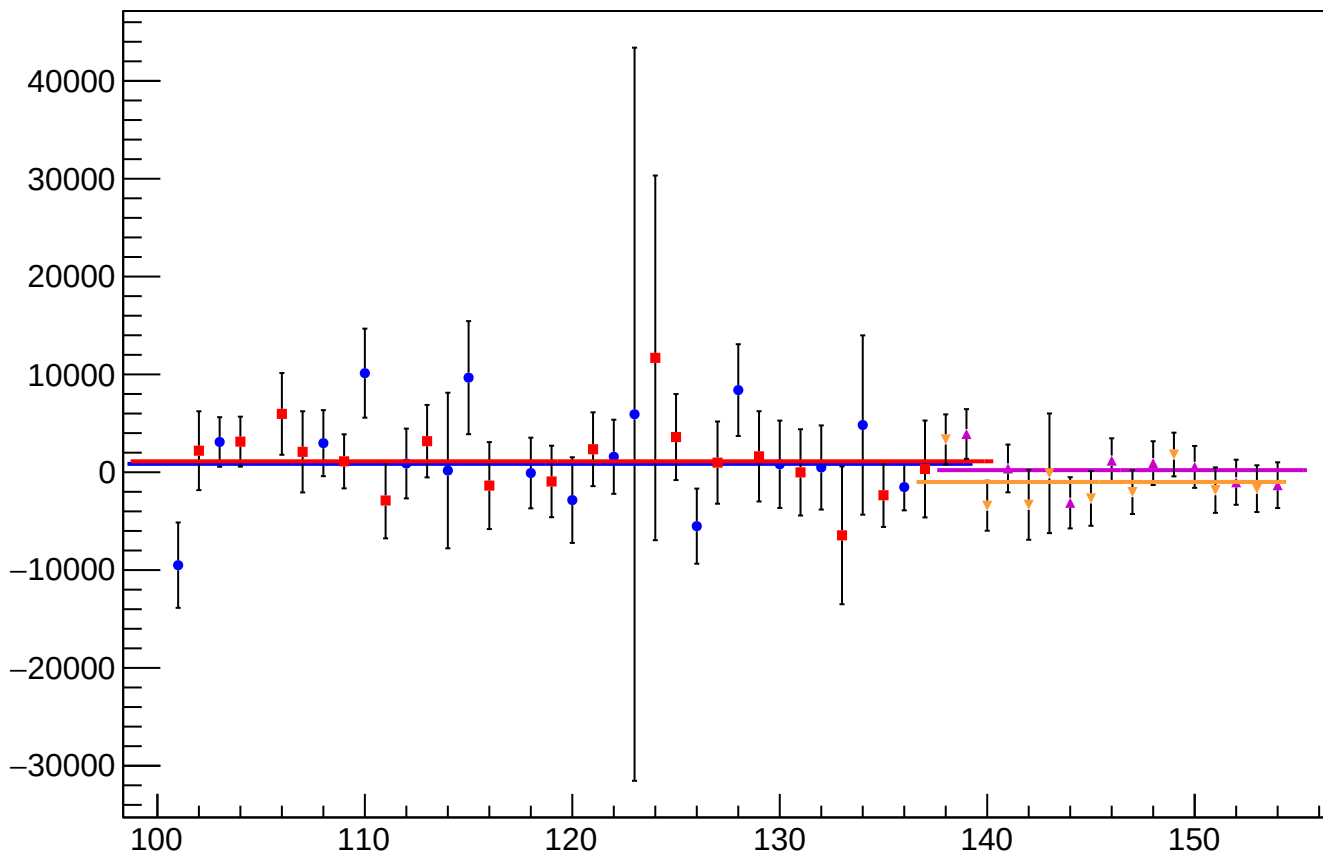
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3838.421+/-0.751 χ^2/NDF : 454035.3/24

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

All: 3843.583+/-0.533 χ^2/NDF : 1570875.2/51

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -992.798 ± 877.703 χ^2/NDF : 6.6/8

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

Left In: 214.654 ± 830.545 χ^2/NDF : 4.8/7

Left: -355.765 ± 603.267 χ^2/NDF : 12.4/16

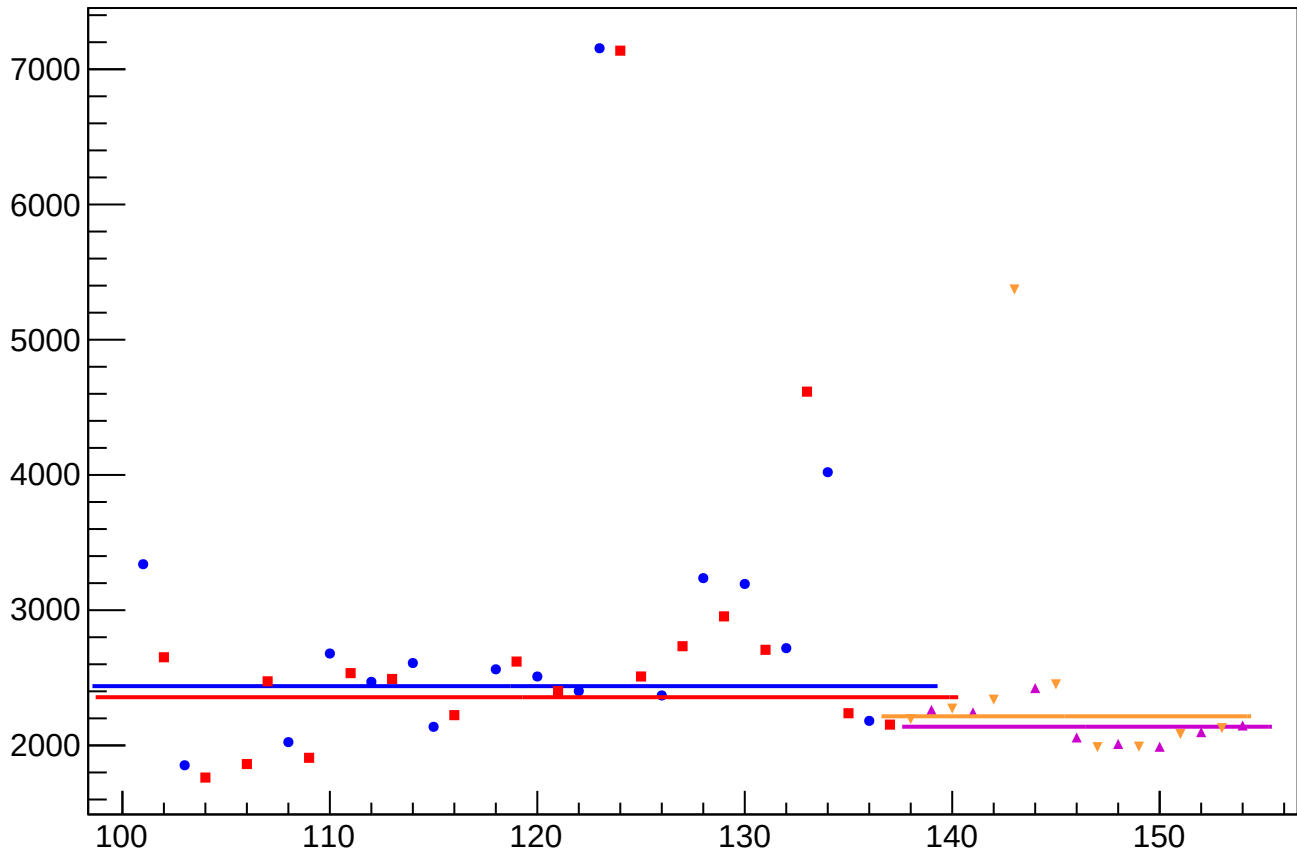
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 487.732 ± 629.428 χ^2/NDF : 25.7/24

Out: 4.553 ± 637.408 χ^2/NDF : 16.6/26

All: 249.186 ± 447.867 χ^2/NDF : 42.6/51

asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 2138.278+/-0.587 χ^2/NDF : 51548.3/7

Left: 2174.616+/-0.427 χ^2/NDF : 660063.9/16

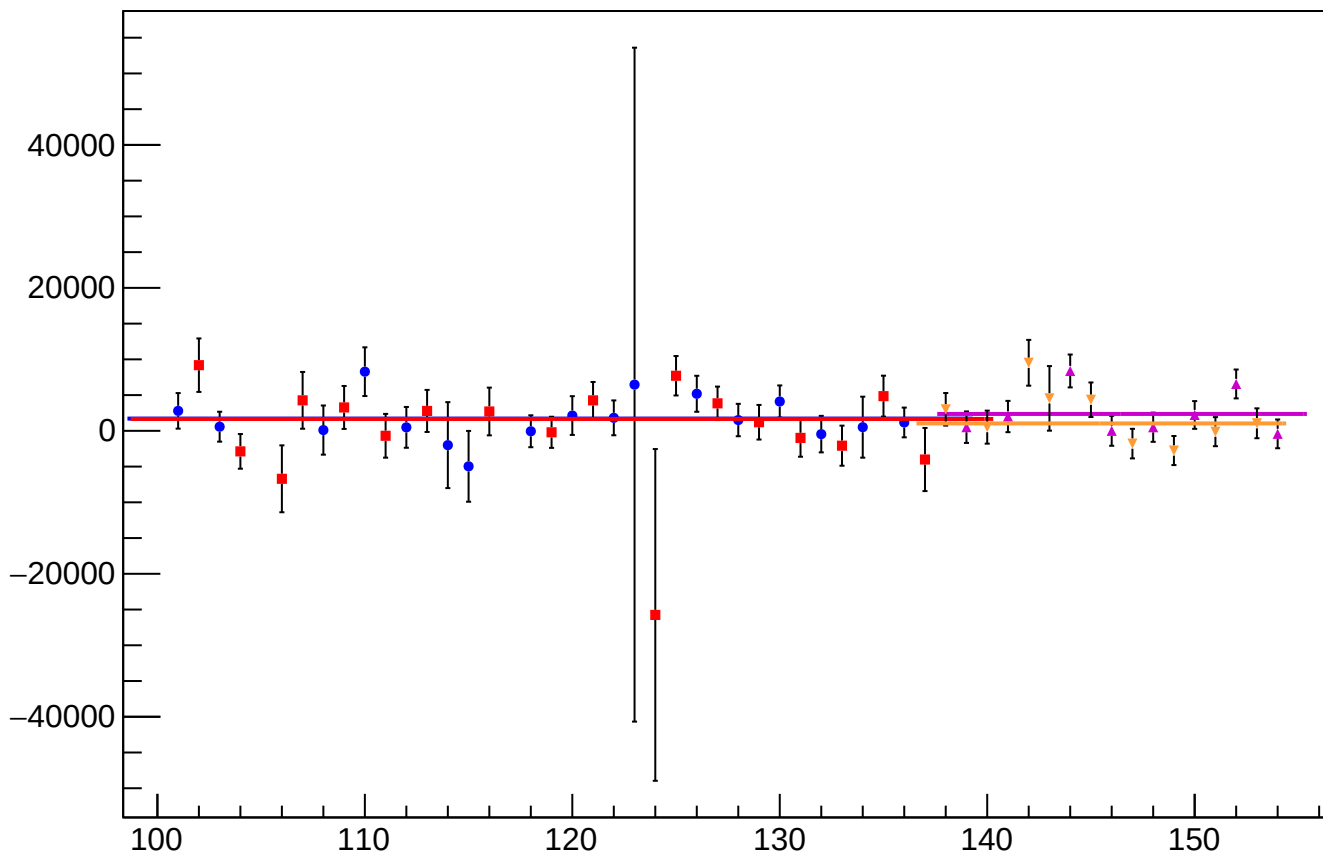
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2265.977+/-0.445 χ^2/NDF : 639344.0/24

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

All: 2273.854+/-0.317 χ^2/NDF : 1893988.5/51

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2363.657+/-739.448 χ^2/NDF : 15.9/7

Left: 1734.978+/-536.652 χ^2/NDF : 33.4/16

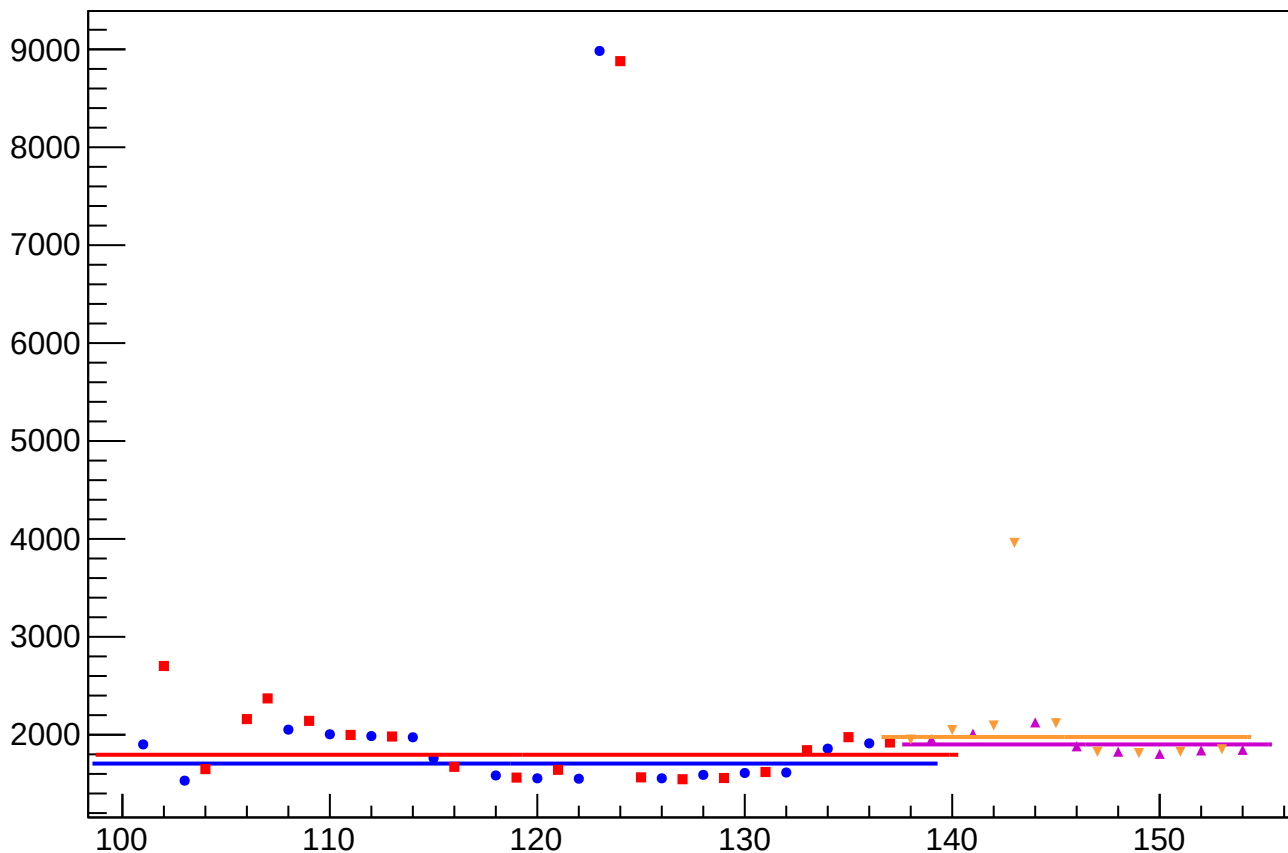
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2004.734+/-495.339 χ^2/NDF : 27.7/24

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

All: 1710.036+/-358.399 χ^2/NDF : 71.6/51

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1901.082+/-0.523 χ^2/NDF : 36470.9/7

Left: 1937.158+/-0.379 χ^2/NDF : 485041.3/16

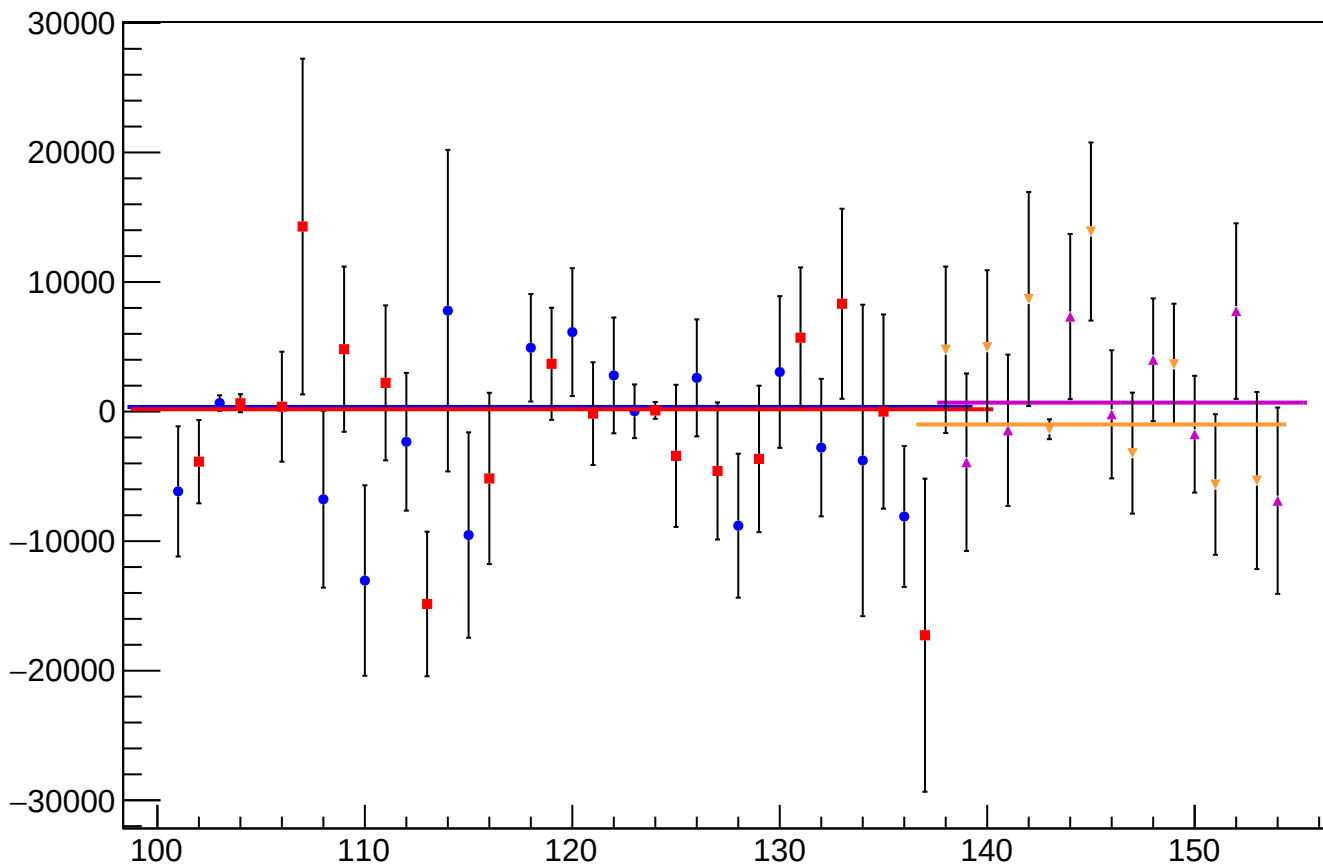
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1793.333+/-0.350 χ^2/NDF : 307679.3/24

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

All: 1832.720+/-0.253 χ^2/NDF : 1352078.9/51

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -994.498 $\pm$ 718.122 χ^2 /NDF:10.5/8

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

Left In: 692.917 $\pm$ 1996.307 χ^2 /NDF:4.7/7

Left: -801.161 $\pm$ 675.731 χ^2 /NDF: 15.8/16

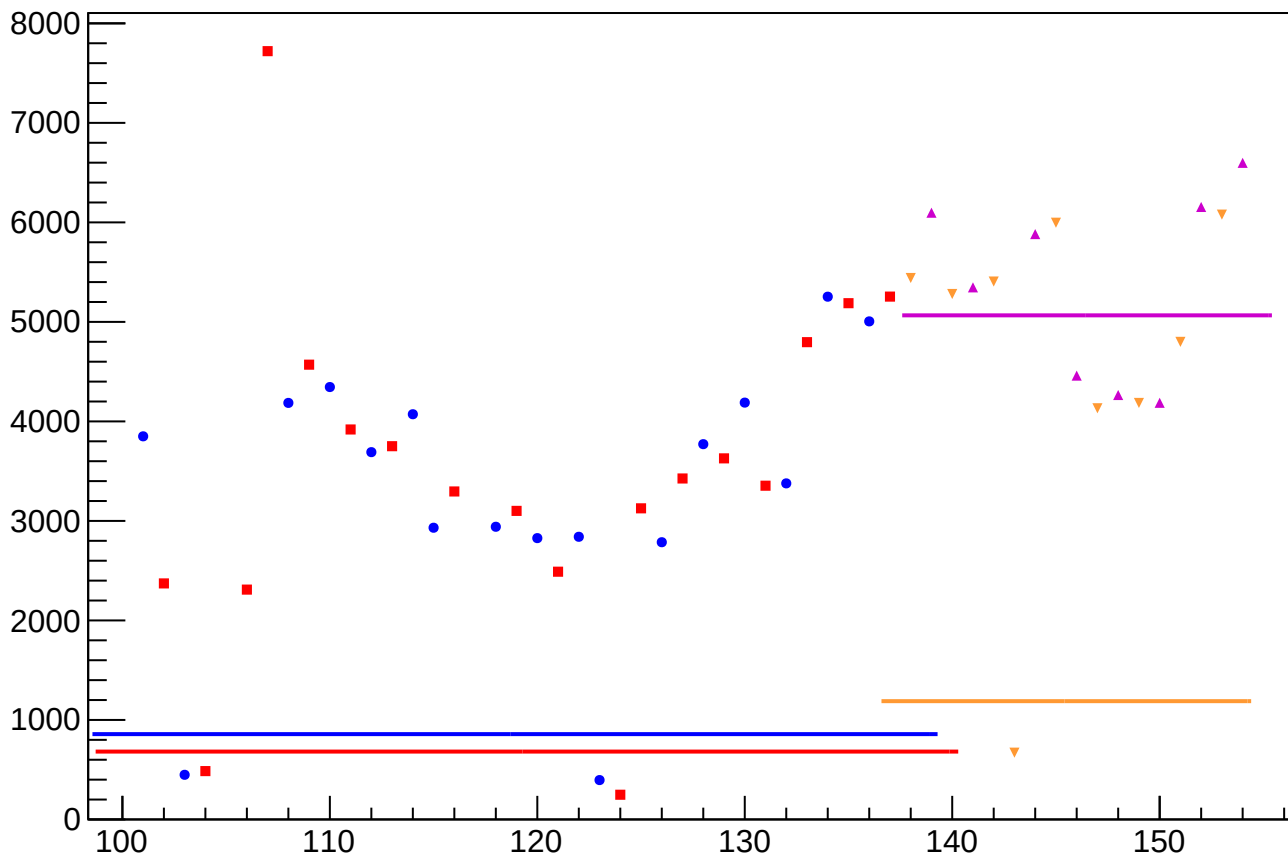
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 379.392 $\pm$ 515.150 χ^2 /NDF:22.2/24

Out: -148.566 $\pm$ 379.485 χ^2 /NDF:30.9/26

All: 37.152 $\pm$ 305.535 χ^2 /NDF: 53.8/51

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5065.803 $\pm$ 1.412 χ^2 /NDF: 388305.3/7

Left: 1632.951 $\pm$ 0.478 χ^2 /NDF: 14830799.8/16

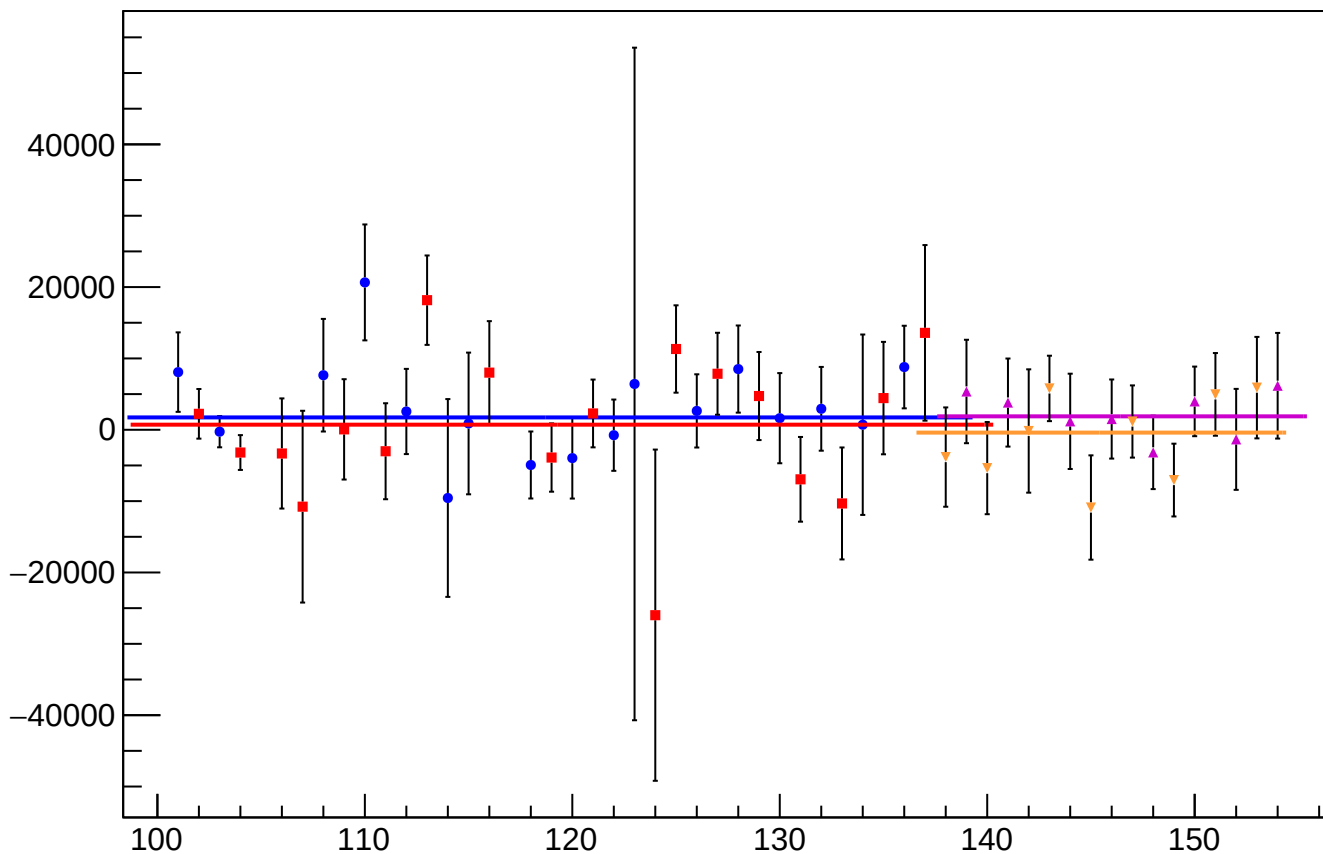
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1137.707 $\pm$ 0.364 χ^2 /NDF: 16859540.8/24

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

All: 934.084 $\pm$ 0.216 χ^2 /NDF: 35200724.8/51

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1884.101+/-2140.474 χ^2/NDF : 2.0/7

Left: 664.166+/-1459.236 χ^2/NDF : 10.8/16

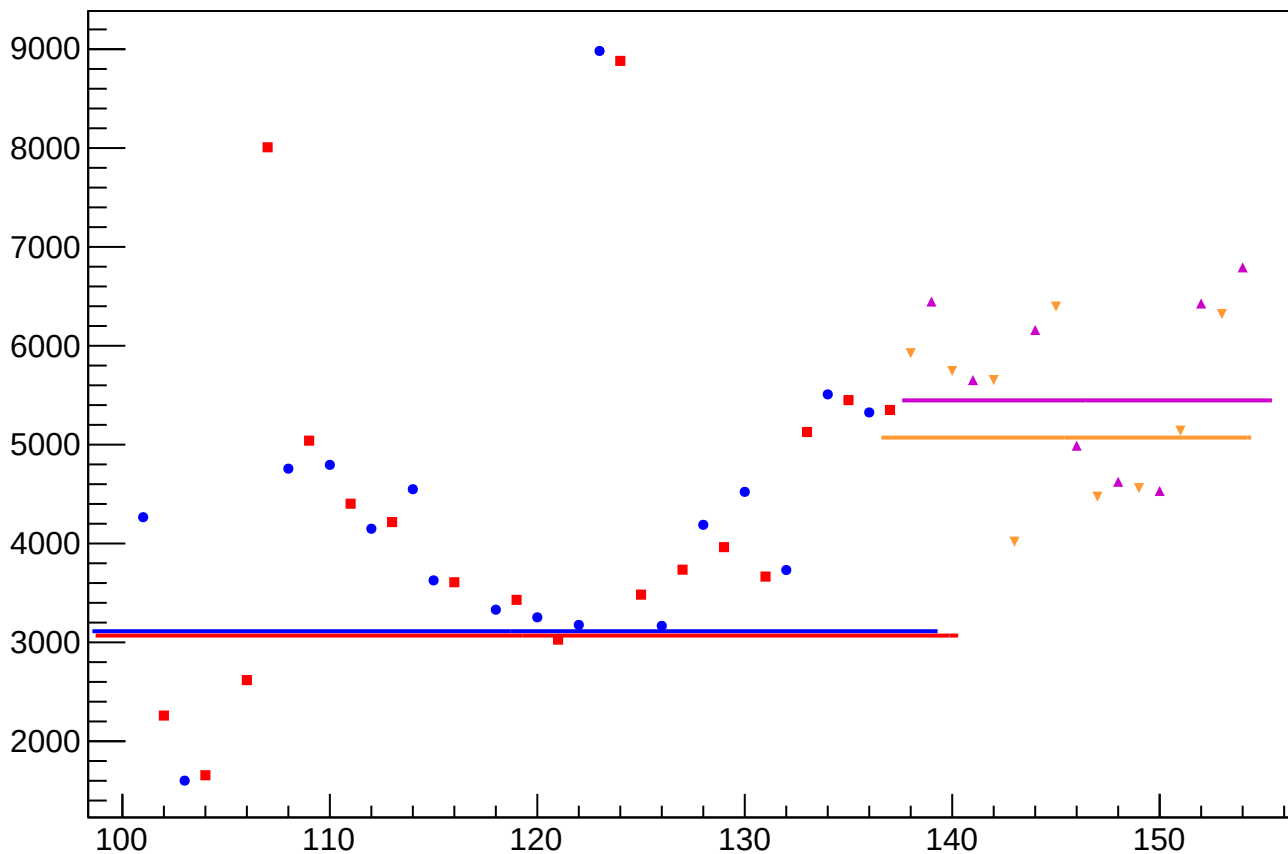
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1774.126+/-1113.998 χ^2/NDF : 16.9/24

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

All: 1061.745+/-776.749 χ^2/NDF : 51.2/51

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5447.716+/-1.514 χ^2/NDF : 302859.8/7

Left: 5246.298+/-1.032 χ^2/NDF : 678103.5/16

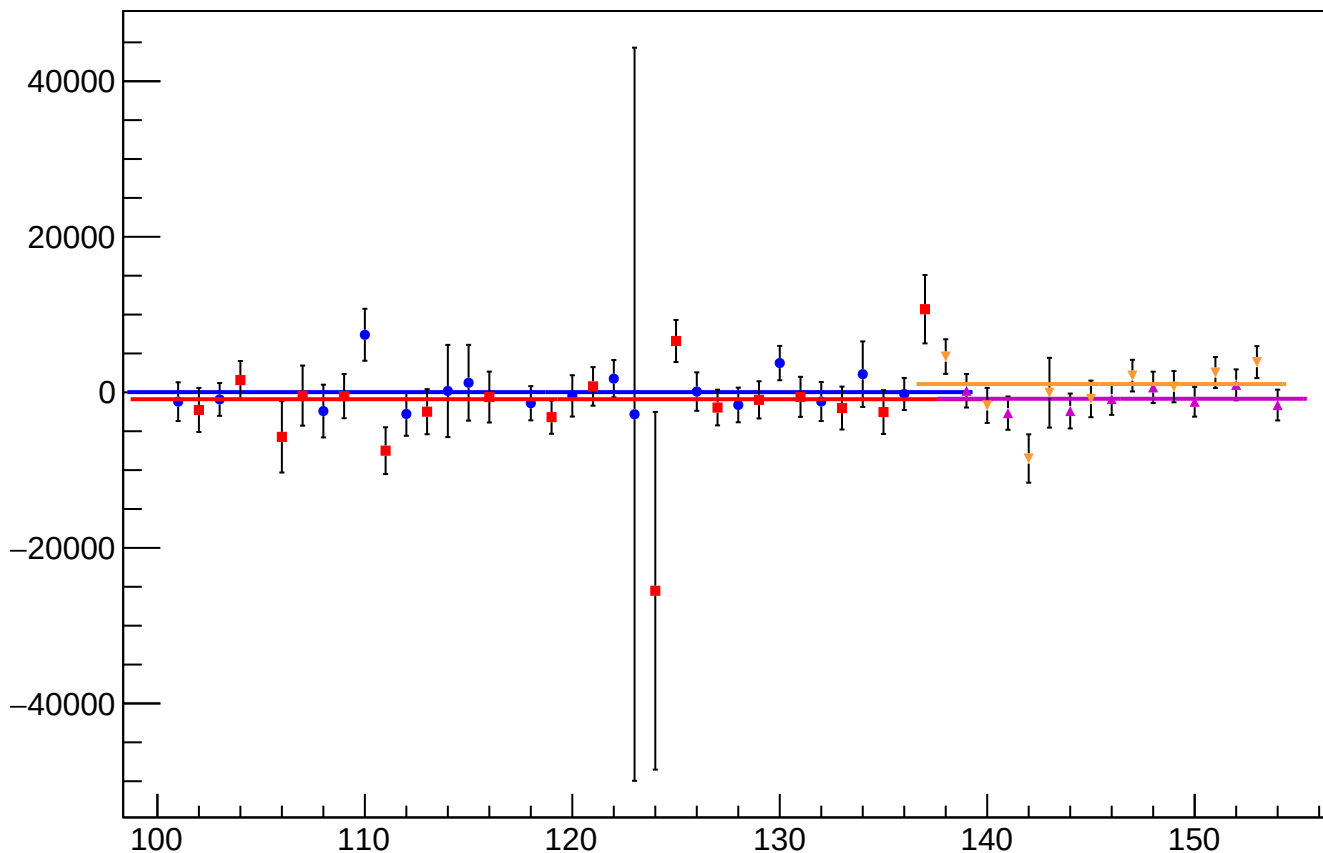
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3745.153+/-0.788 χ^2/NDF : 3922795.5/24

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

All: 3694.515+/-0.546 χ^2/NDF : 7708081.9/51

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 1065.247 ± 765.003 $\chi^2/\text{NDF}: 17.0/8$

Right Out: -882.685 ± 674.623 $\chi^2/\text{NDF}: 25.6/17$

Left In: -824.698 ± 725.092 $\chi^2/\text{NDF}: 3.0/7$

Left: 69.690 ± 526.261 $\chi^2/\text{NDF}: 23.2/16$

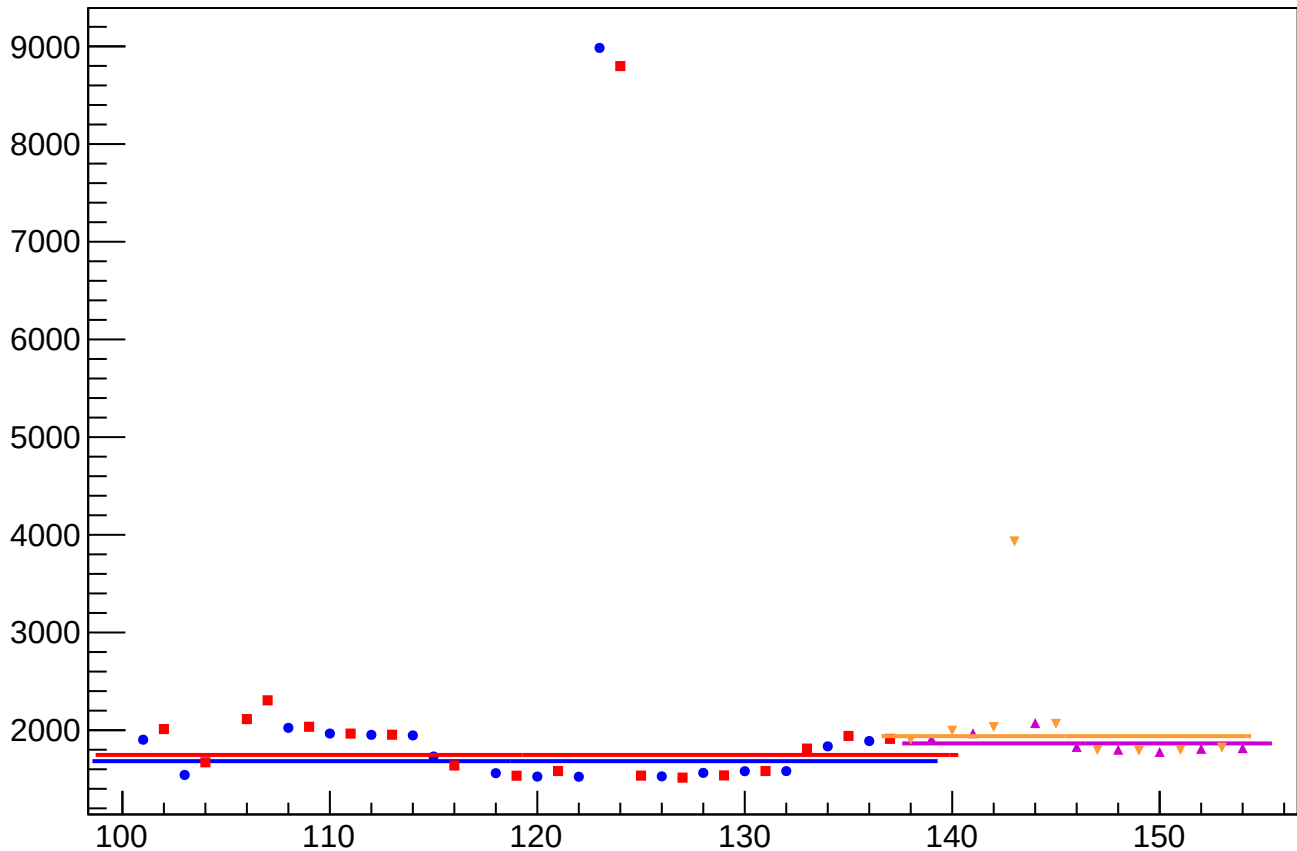
Right: -415.699 ± 471.191 $\chi^2/\text{NDF}: 38.4/34$

In: -356.738 ± 487.437 $\chi^2/\text{NDF}: 15.6/24$

Out: -30.530 ± 505.982 $\chi^2/\text{NDF}: 46.2/26$

All: -199.721 ± 351.043 $\chi^2/\text{NDF}: 62.0/51$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1864.740+/-0.513 χ^2/NDF : 32534.7/7

Left: 1899.847+/-0.372 χ^2/NDF : 483956.2/16

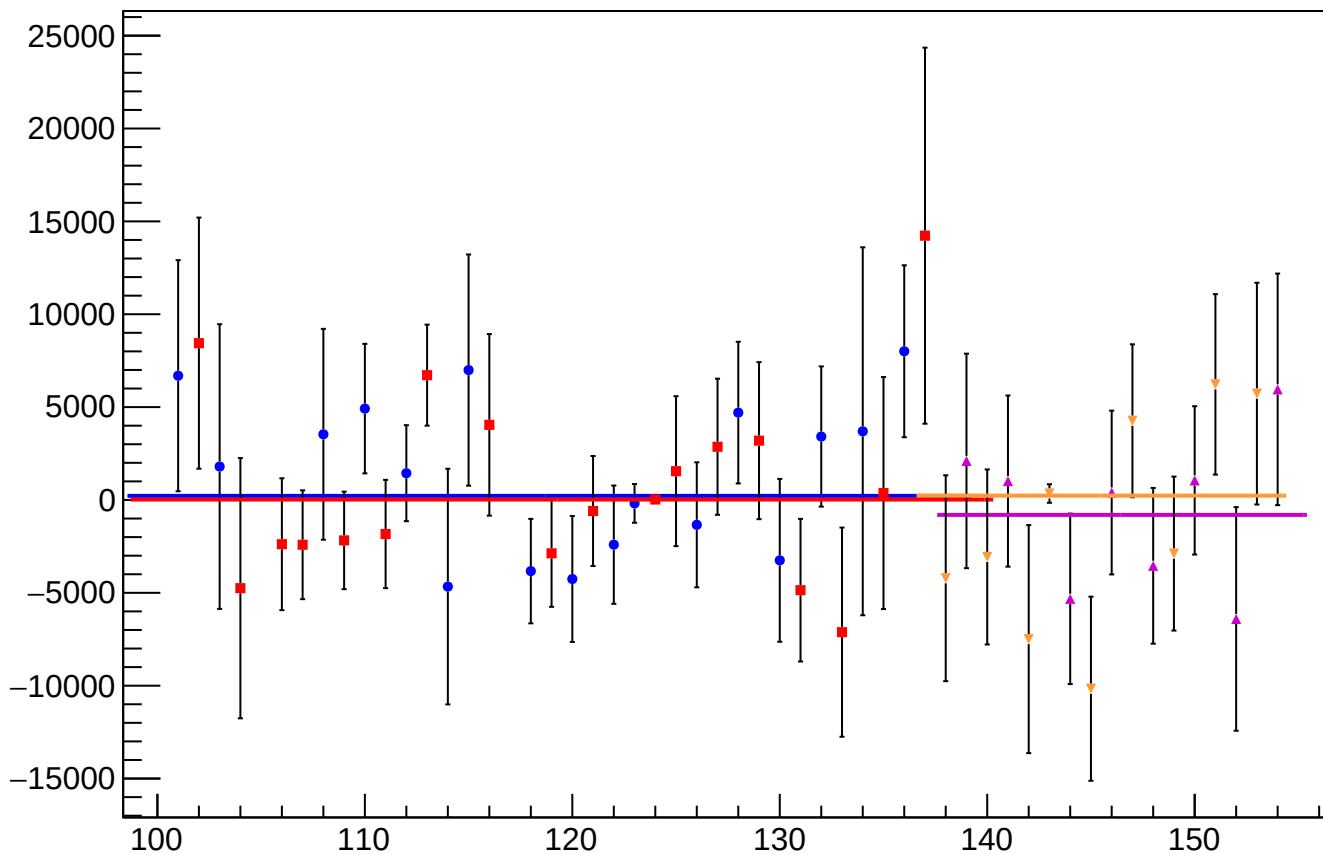
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1765.198+/-0.345 χ^2/NDF : 297162.9/24

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

All: 1796.739+/-0.248 χ^2/NDF : 1233872.9/51

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -803.275 $\pm$ 1692.940 χ^2/NDF : 4.1/7

Left: 156.447 $\pm$ 461.619 χ^2/NDF : 15.5/16

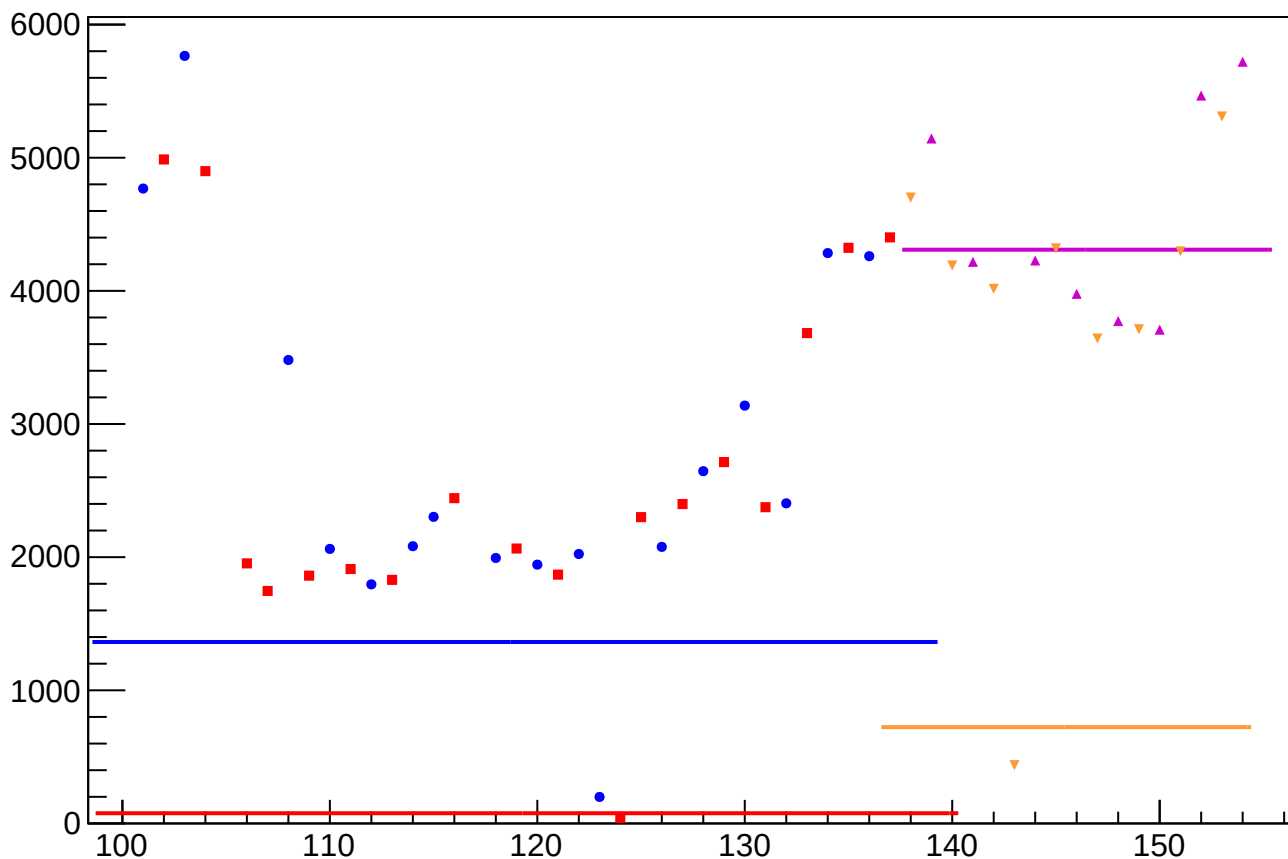
Right: 26.783 $\pm$ 112.731 χ^2/NDF : 34.5/34

In: 62.764 $\pm$ 663.281 χ^2/NDF : 20.3/24

Out: 33.277 $\pm$ 111.037 χ^2/NDF : 29.8/26

All: 34.081 $\pm$ 109.513 χ^2/NDF : 50.1/51

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 723.440 $\pm$ 0.339 χ^2 /NDF: 8699858.6/8

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

Left In: 4309.240 $\pm$ 1.197 χ^2 /NDF: 308994.7/7

Left: 990.046 $\pm$ 0.326 χ^2 /NDF: 17314349.2/16

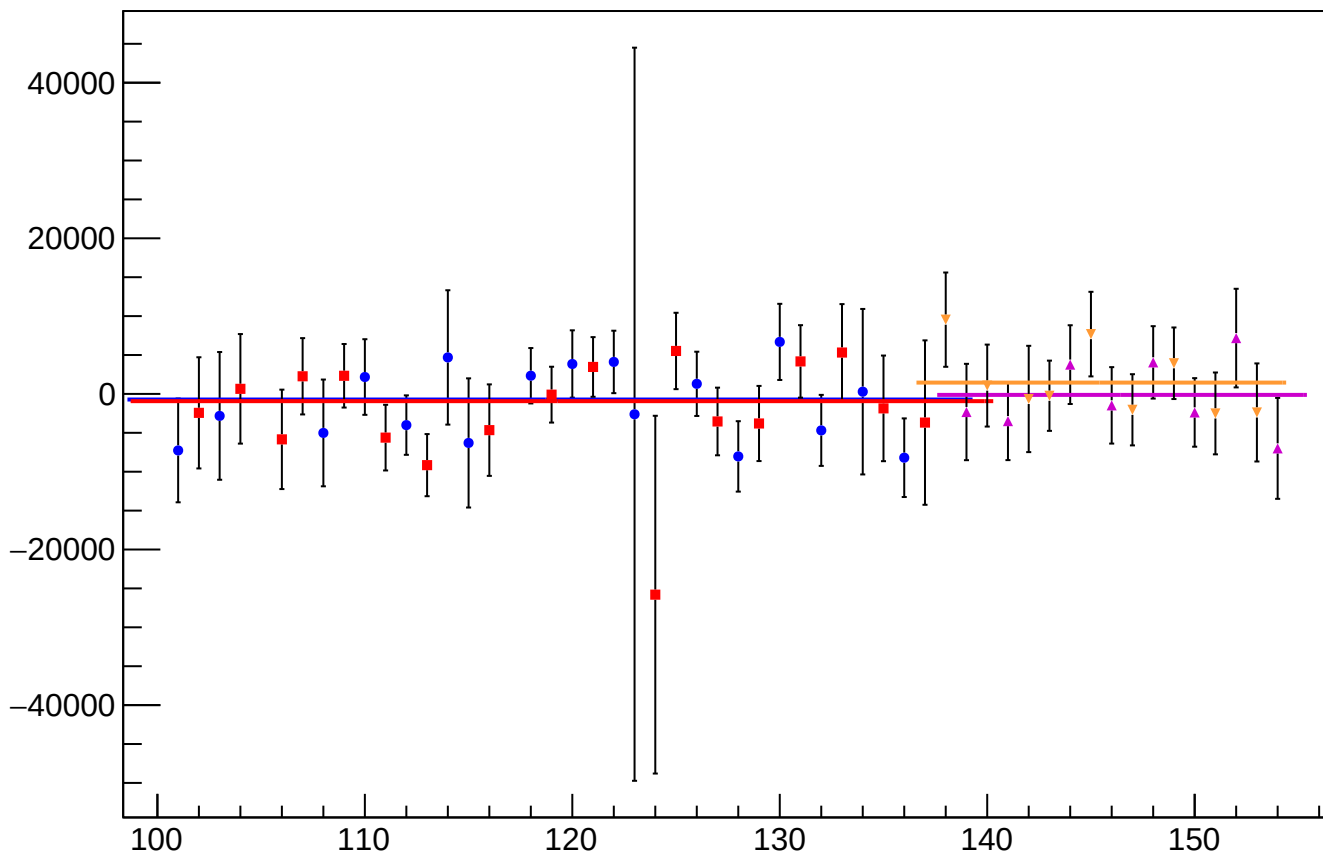
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1815.117 $\pm$ 0.469 χ^2 /NDF: 11672937.2/24

Out: 111.462 $\pm$ 0.079 χ^2 /NDF: 25252086.7/26

All: 157.905 $\pm$ 0.077 χ^2 /NDF: 49760002.3/51

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -126.206+/-1848.333 χ^2/NDF : 4.8/7

Left: 704.351+/-1273.414 χ^2/NDF : 10.3/16

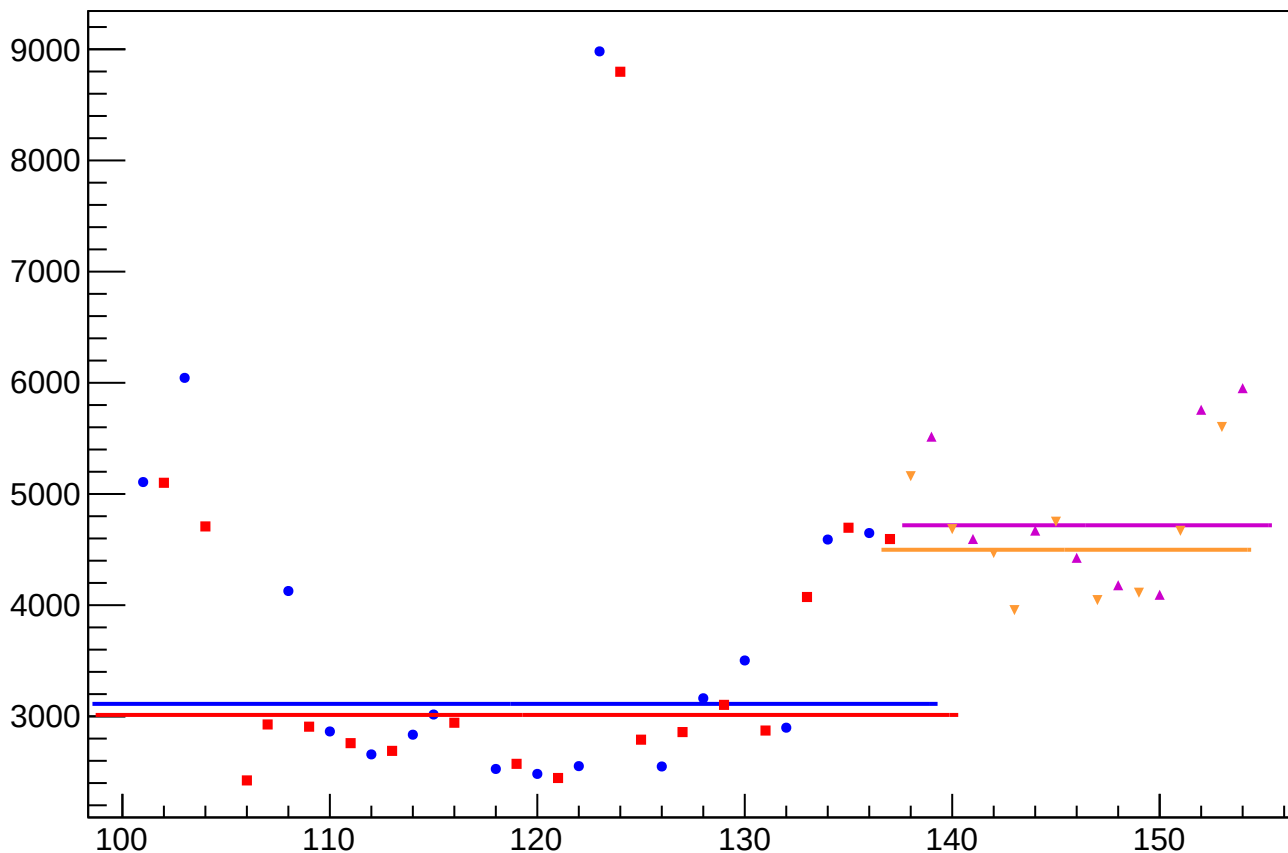
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -534.152+/-1036.874 χ^2/NDF : 19.6/24

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

All: -347.094+/-715.196 χ^2/NDF : 41.0/51

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4718.562+/-1.307 χ^2/NDF :234786.7/7

Left: 4602.889+/-0.900 χ^2/NDF : 406483.6/16

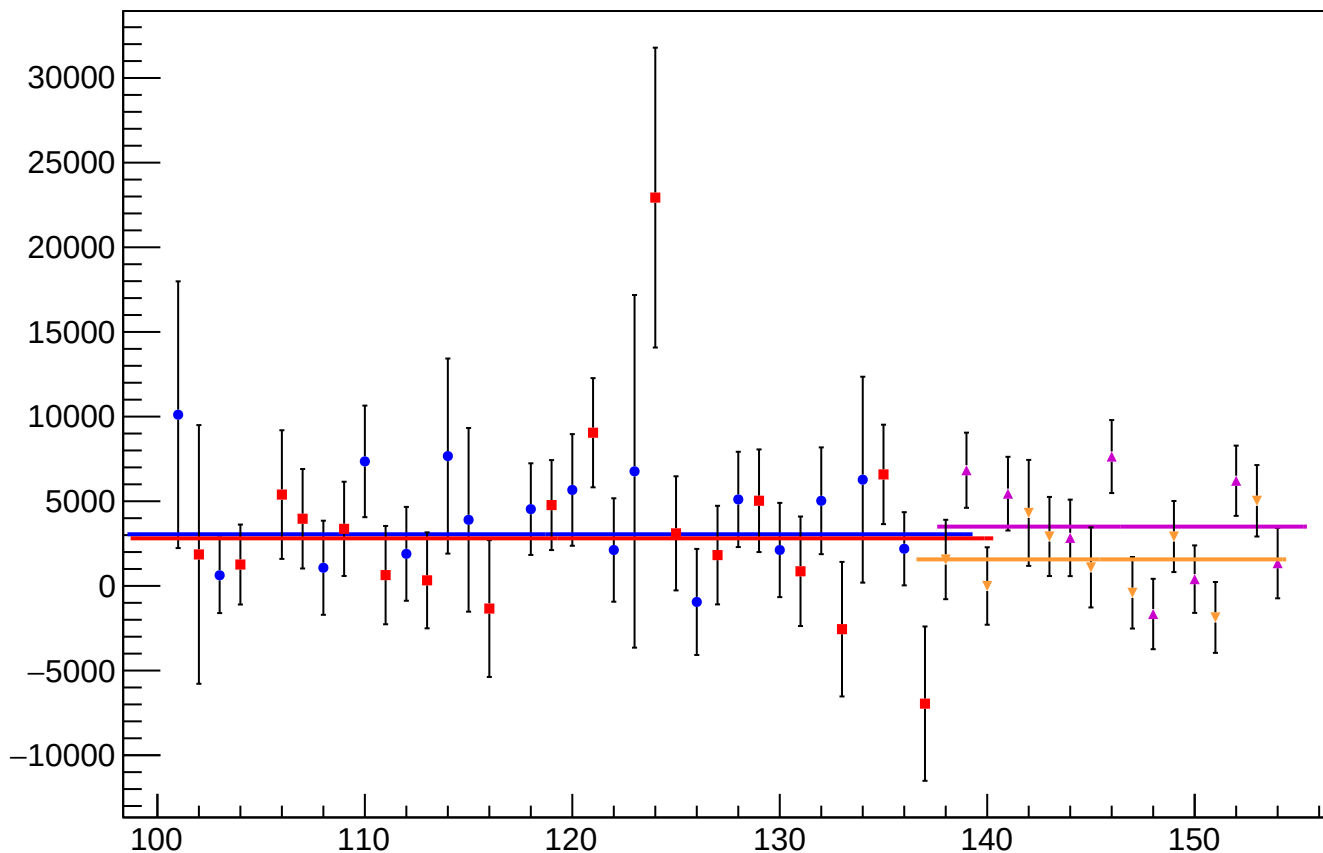
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3617.734+/-0.733 χ^2/NDF :2228483.1/24

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

All: 3541.934+/-0.503 χ^2/NDF : 4165500.8/51

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2/NDF : 9.3/16

Left Out: 1567.074 $\pm$ 757.958 χ^2/NDF : 8.3/8

Right Out: 2809.116 $\pm$ 766.213 χ^2/NDF : 22.0/17

Left In: 3501.666 $\pm$ 751.122 χ^2/NDF : 18.2/7

Left: 2543.133 $\pm$ 533.524 χ^2/NDF : 29.8/16

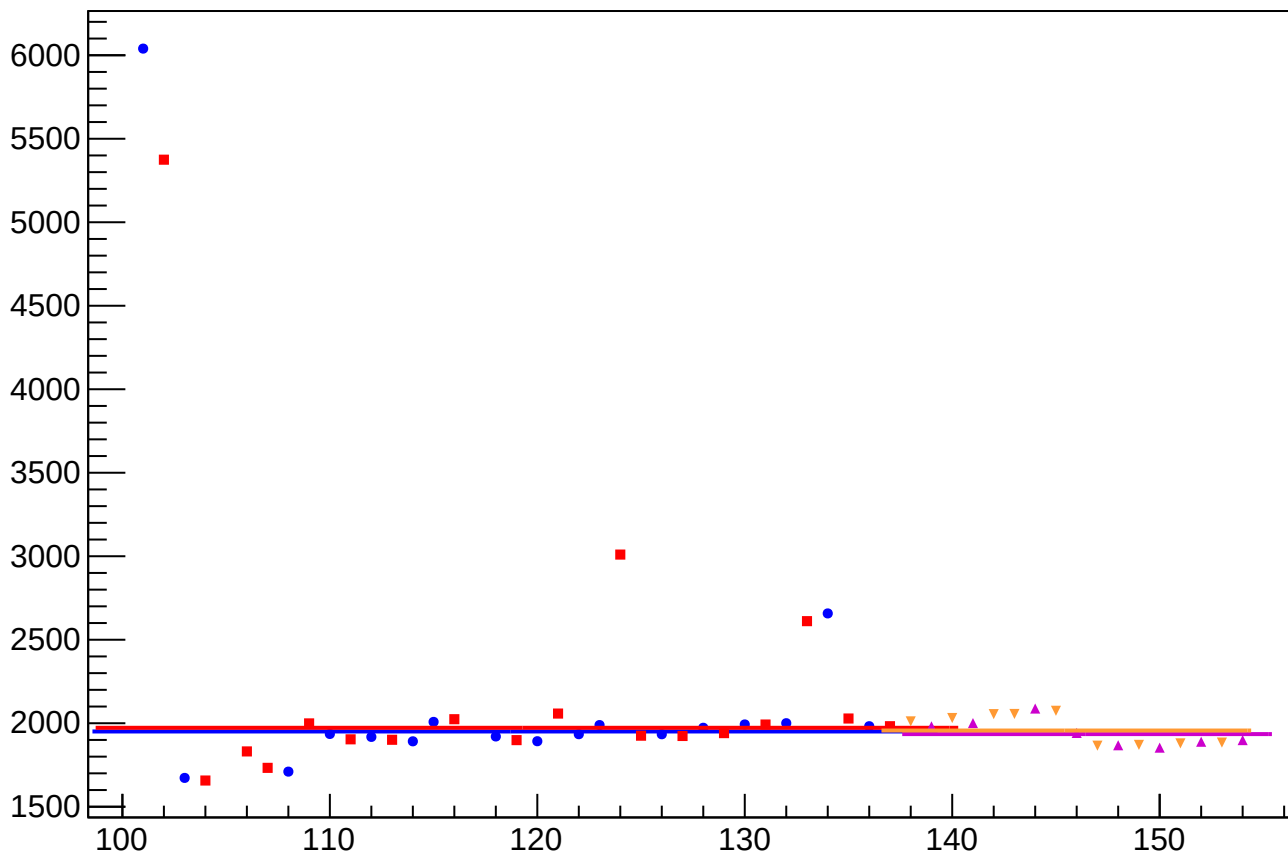
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3281.671 $\pm$ 538.462 χ^2/NDF : 27.7/24

Out: 2181.368 $\pm$ 538.852 χ^2/NDF : 31.6/26

All: 2731.918 $\pm$ 380.888 χ^2/NDF : 61.4/51

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1934.975 $\pm$ 0.531 χ^2 /NDF: 18861.2/7

Left: 1945.560 $\pm$ 0.377 χ^2 /NDF: 45543.4/16

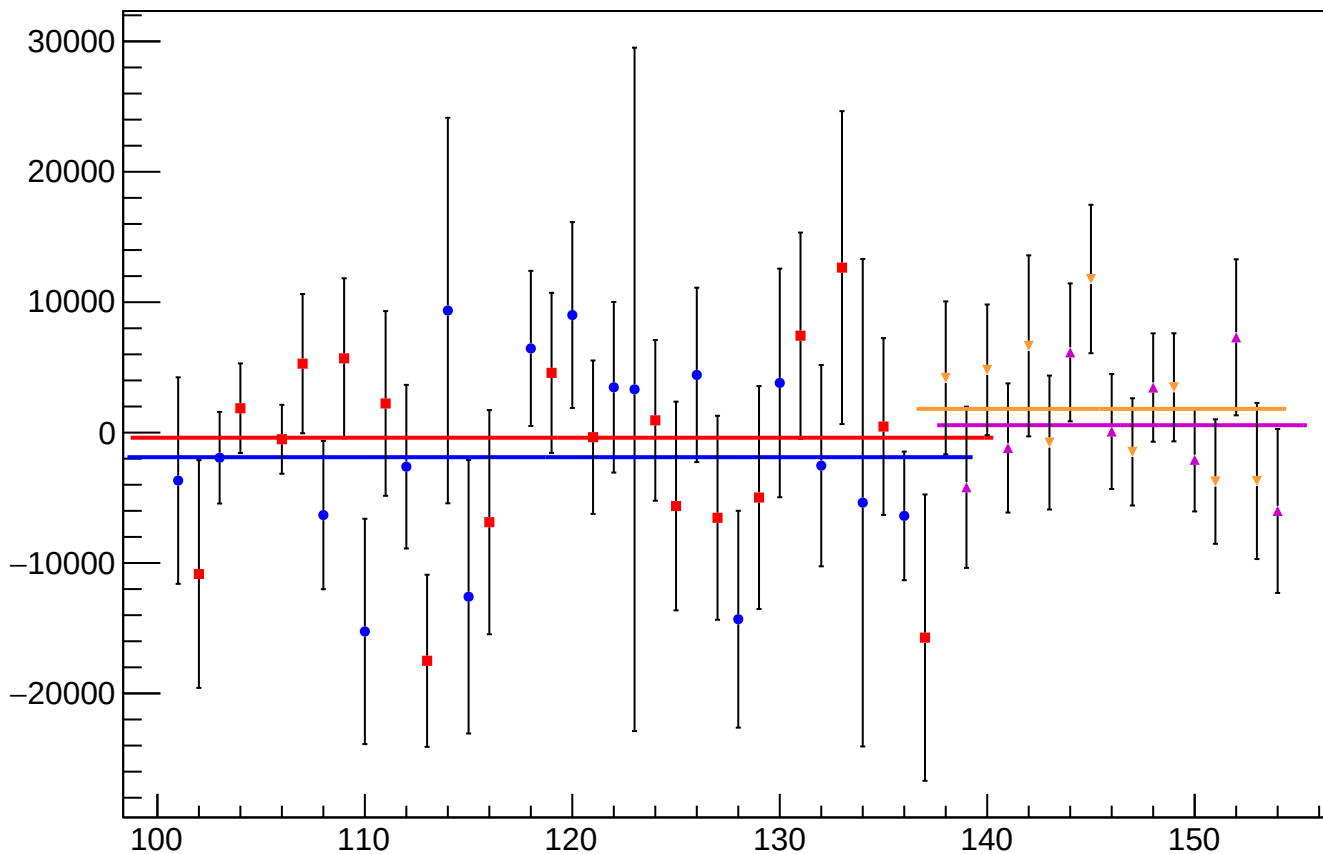
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1942.614 $\pm$ 0.381 χ^2 /NDF: 634452.1/24

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

All: 1953.527 $\pm$ 0.269 χ^2 /NDF: 1198108.9/51

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 566.307 $\pm$ 1743.555 χ^2/NDF : 5.1/7

Left: 1210.605 $\pm$ 1215.696 χ^2/NDF : 12.7/16

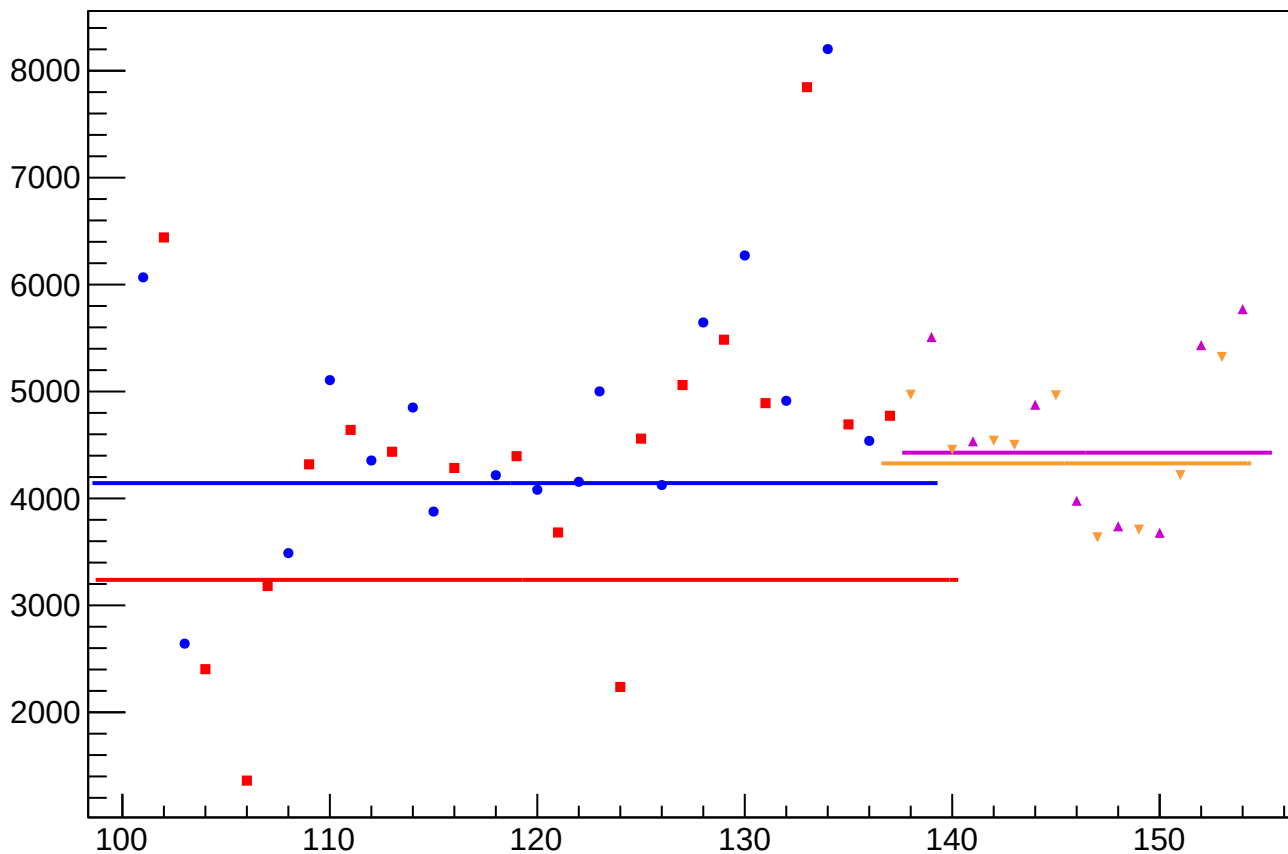
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

In: -721.127 $\pm$ 1201.483 χ^2/NDF : 20.3/24

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

All: -49.263 $\pm$ 795.625 χ^2/NDF : 46.8/51

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4427.962 $\pm$ 1.233 χ^2/NDF : 371486.1/7

Left: 4376.767 $\pm$ 0.860 χ^2/NDF : 587027.7/16

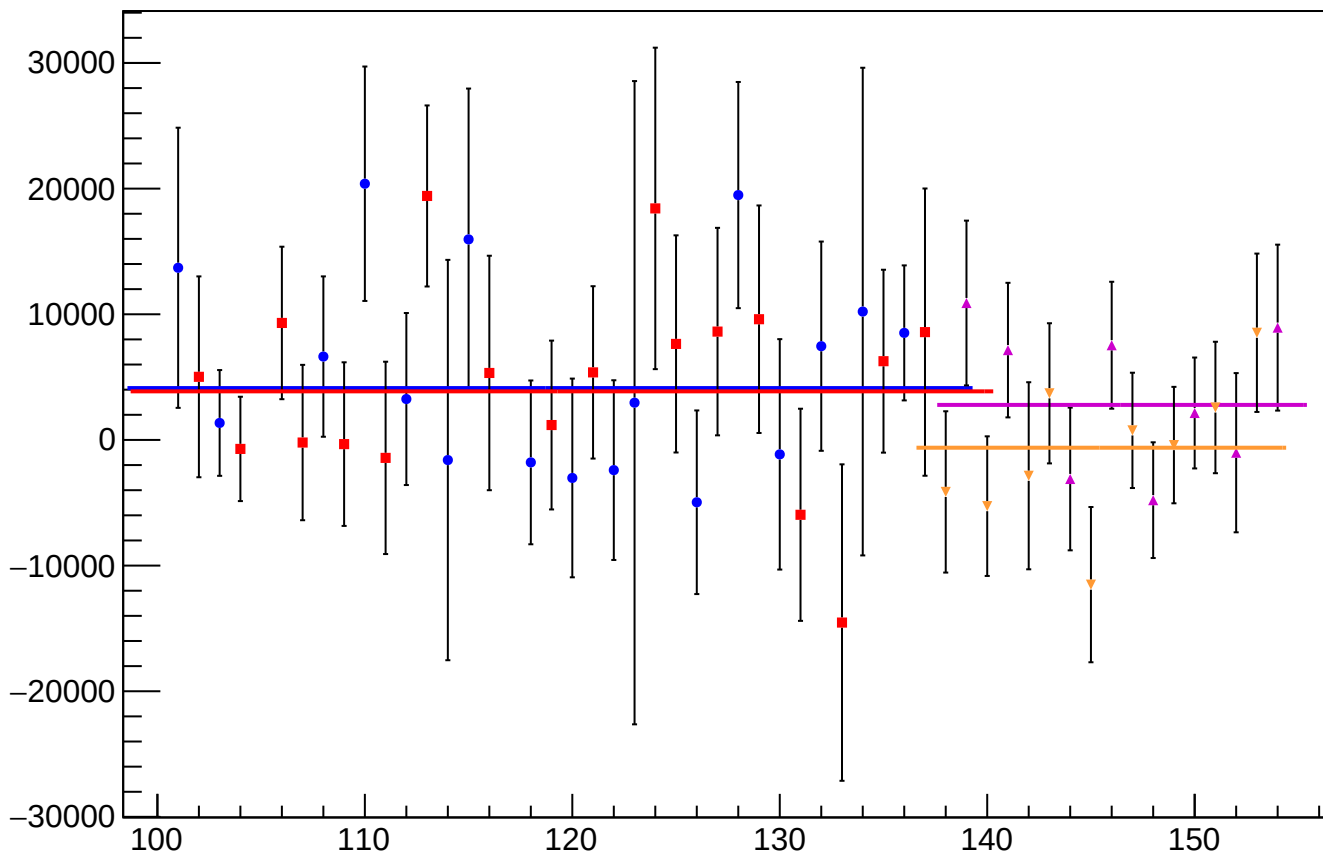
Right: 3603.092 $\pm$ 0.744 χ^2/NDF : 3793704.0/34

In: 4278.568 $\pm$ 0.850 χ^2/NDF : 1255419.6/24

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

All: 3934.472 $\pm$ 0.563 χ^2/NDF : 4843806.4/51

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -619.036 $\pm$ 1860.509 χ^2 /NDF: 7.4/8

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

Left In: 2787.576 $\pm$ 1907.948 χ^2 /NDF: 8.1/7

Left: 1041.393 $\pm$ 1332.034 χ^2 /NDF: 17.1/16

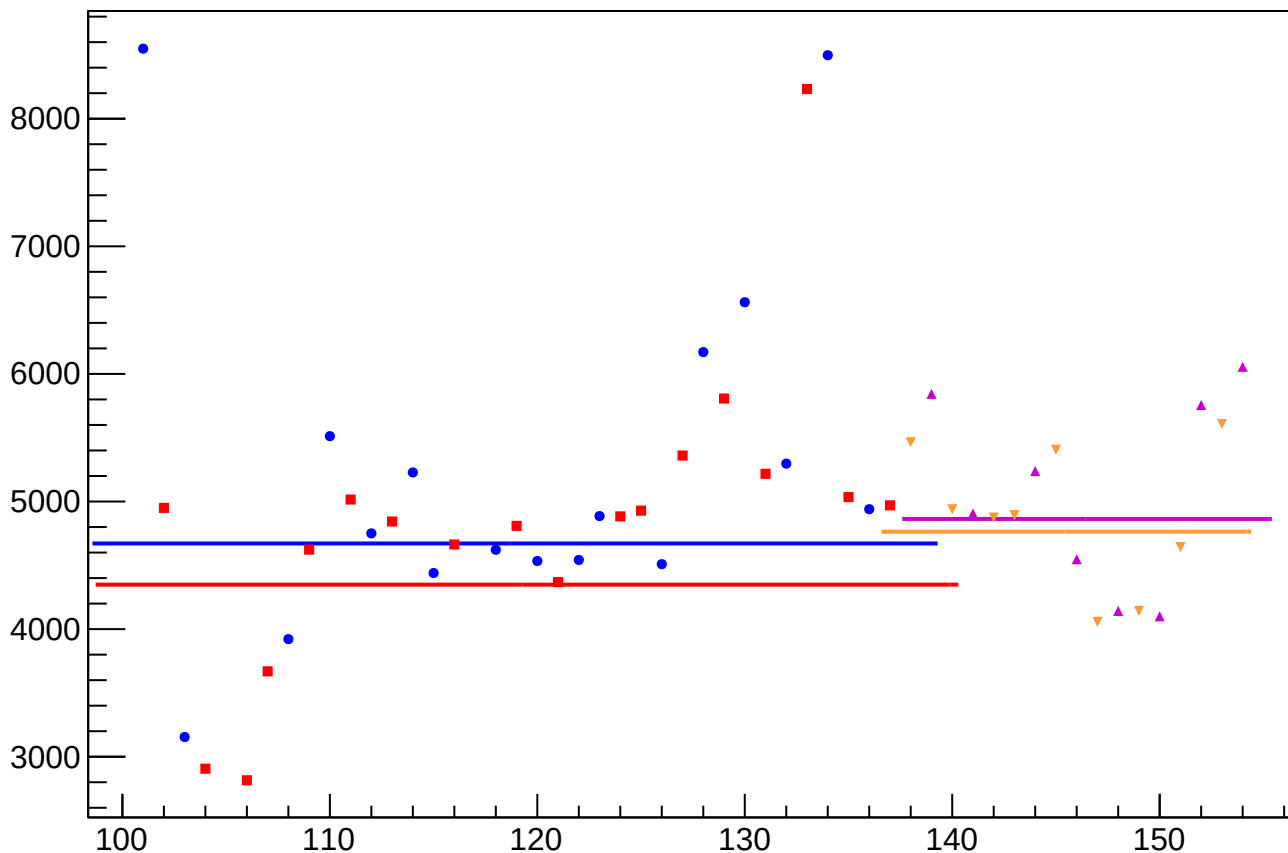
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 3473.041 $\pm$ 1332.970 χ^2 /NDF: 22.0/24

Out: 1789.793 $\pm$ 1265.934 χ^2 /NDF: 24.8/26

All: 2588.028 $\pm$ 917.935 χ^2 /NDF: 47.6/51

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4863.460+/-1.349 χ^2/NDF : 275080.5/7

Left: 4812.326+/-0.942 χ^2/NDF : 447251.0/16

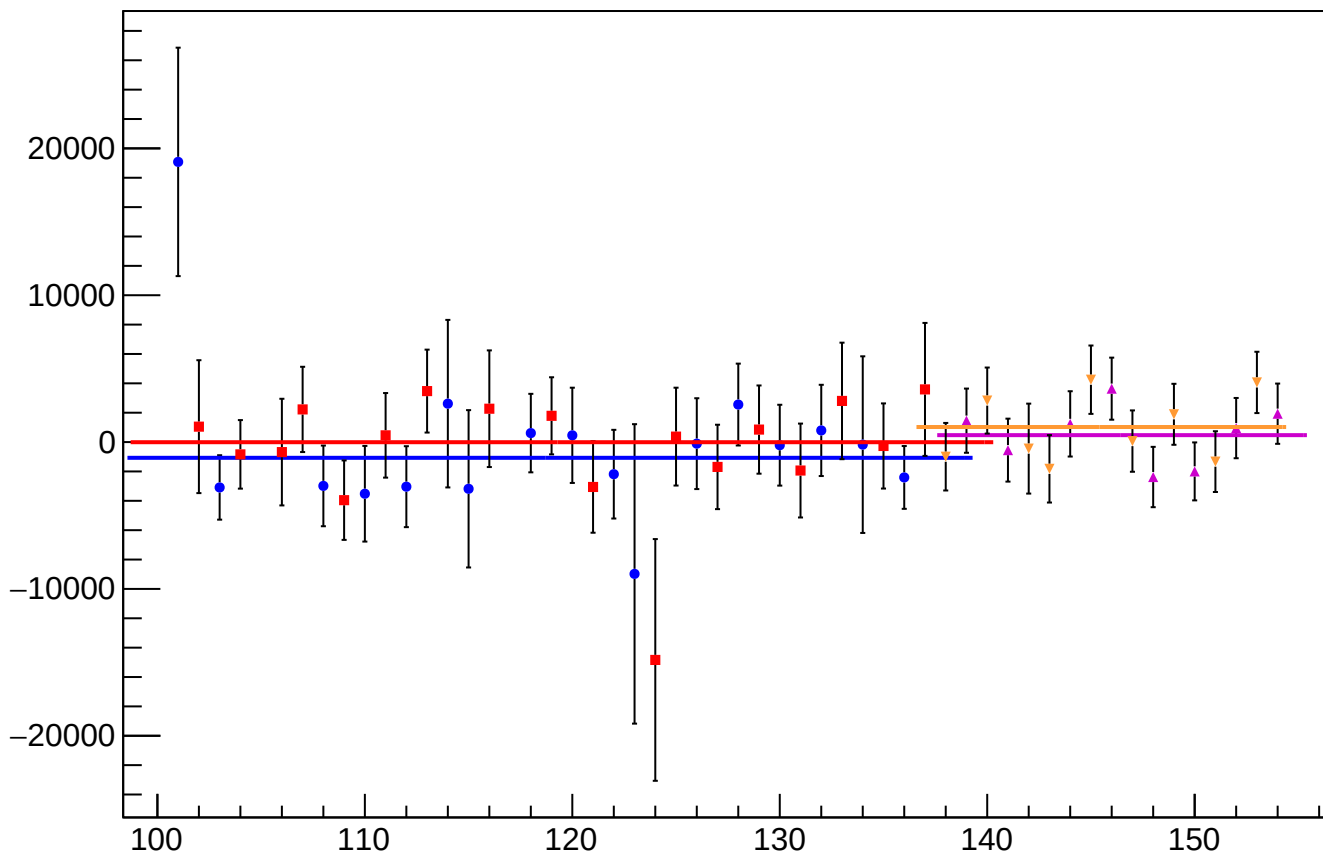
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4765.103+/-0.943 χ^2/NDF : 1071575.5/24

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

All: 4646.212+/-0.648 χ^2/NDF : 2117262.8/51

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 471.919 ± 740.875 $\chi^2/\text{NDF}: 6.8/7$

Left: 746.429 ± 526.031 $\chi^2/\text{NDF}: 16.0/16$

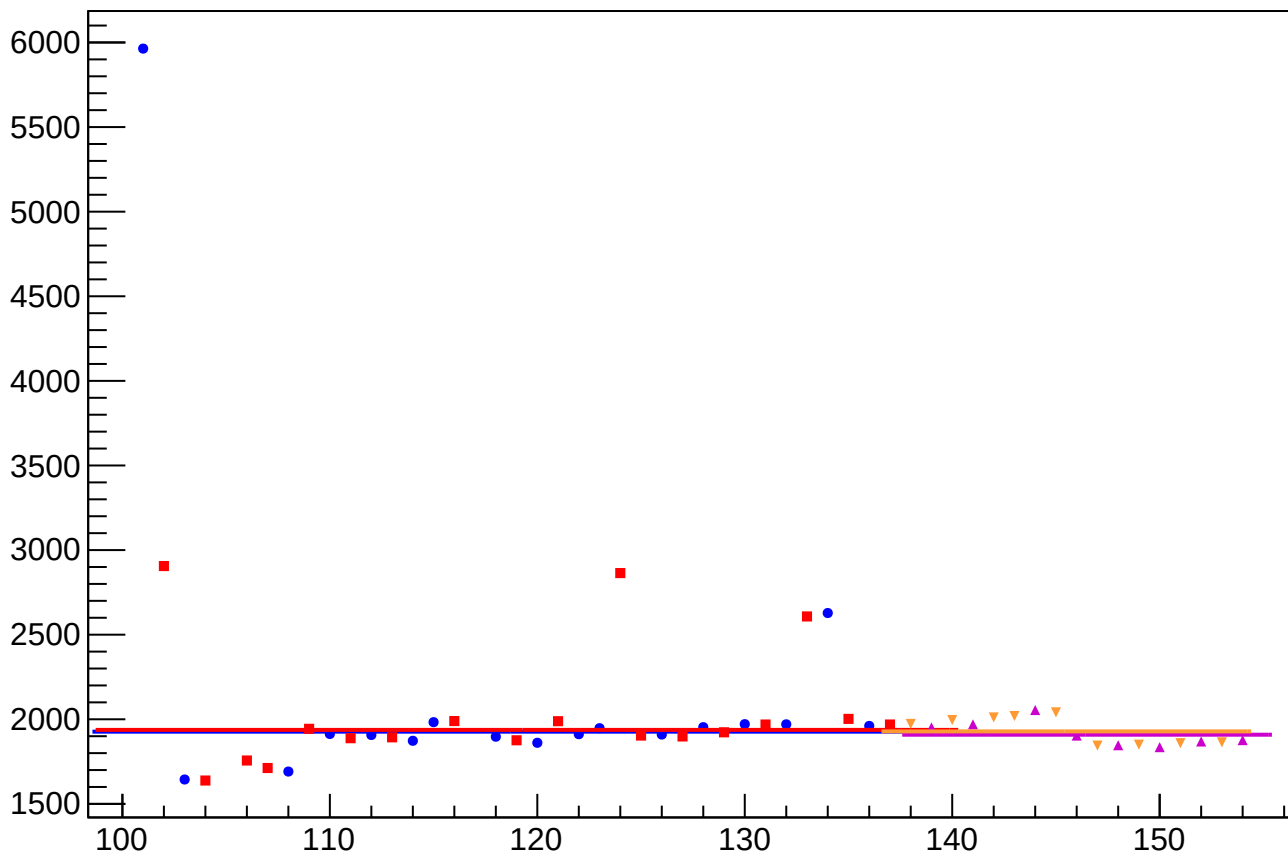
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -276.999 ± 531.517 $\chi^2/\text{NDF}: 22.7/24$

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

All: 118.191 ± 374.802 $\chi^2/\text{NDF}: 45.0/51$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1908.842+/-0.524 χ^2/NDF : 16856.3/7

Left: 1918.531+/-0.372 χ^2/NDF : 39606.8/16

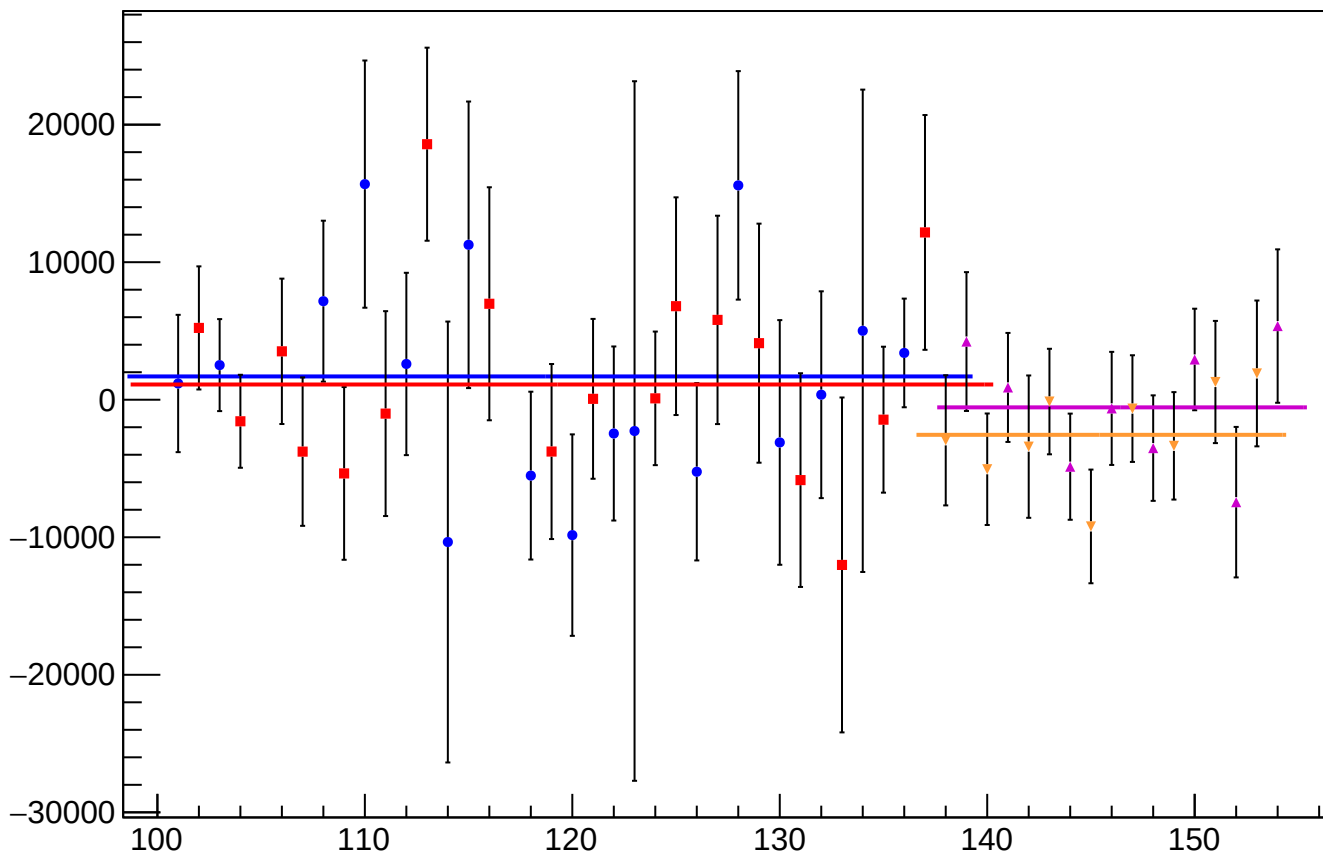
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1917.601+/-0.376 χ^2/NDF : 634548.5/24

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

All: 1925.259+/-0.265 χ^2/NDF : 886656.0/51

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2552.054 $\pm$ 1432.030 χ^2/NDF : 5.2/8

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

Left In: -555.310 $\pm$ 1514.214 χ^2/NDF : 6.5/7

Left: -1609.337 $\pm$ 1040.439 χ^2/NDF : 12.5/16

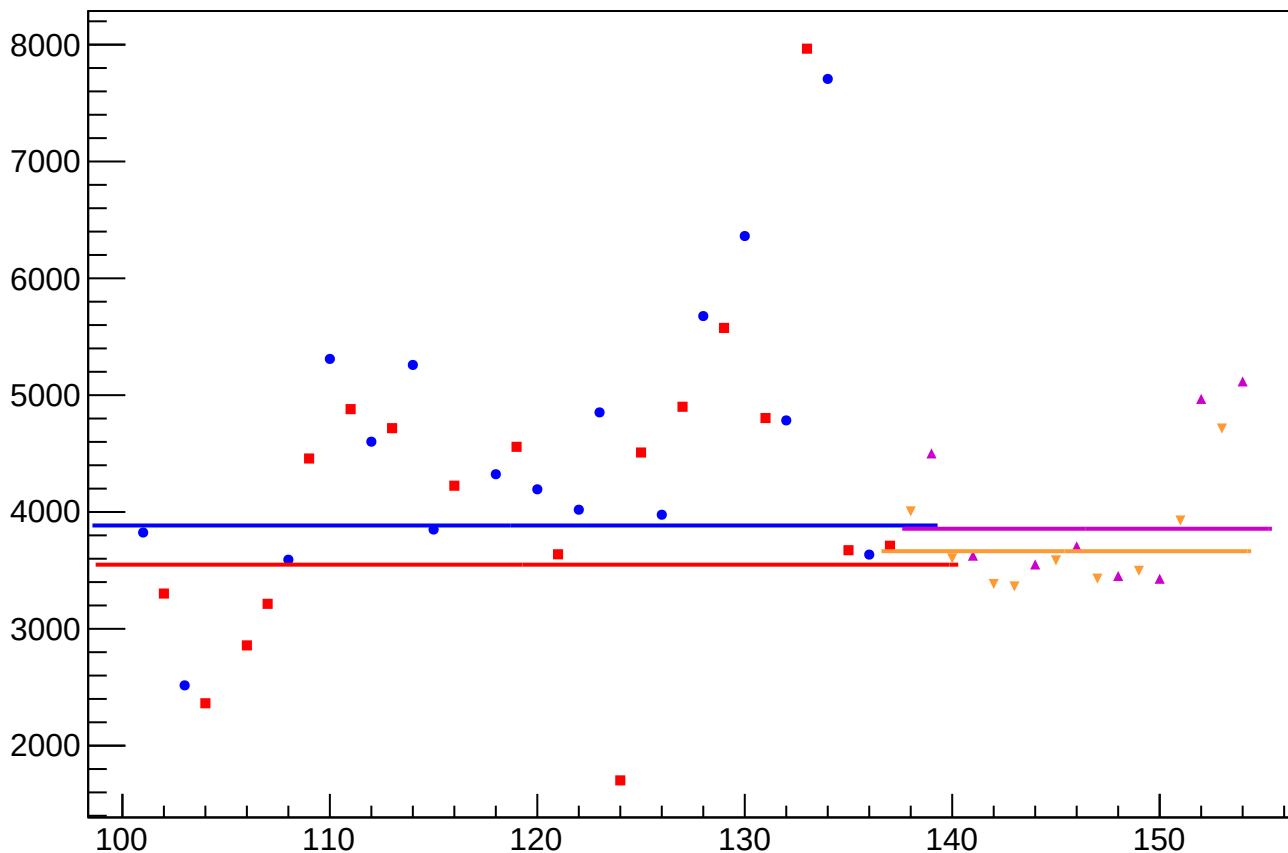
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

In: 541.656 $\pm$ 1083.804 χ^2/NDF : 21.2/24

Out: -697.194 $\pm$ 1005.693 χ^2/NDF : 24.3/26

All: -124.016 $\pm$ 737.201 χ^2/NDF : 46.2/51

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3856.671 $\pm$ 1.071 χ^2 /NDF: 288451.5/7

Left: 3755.228 $\pm$ 0.736 χ^2 /NDF: 431680.7/16

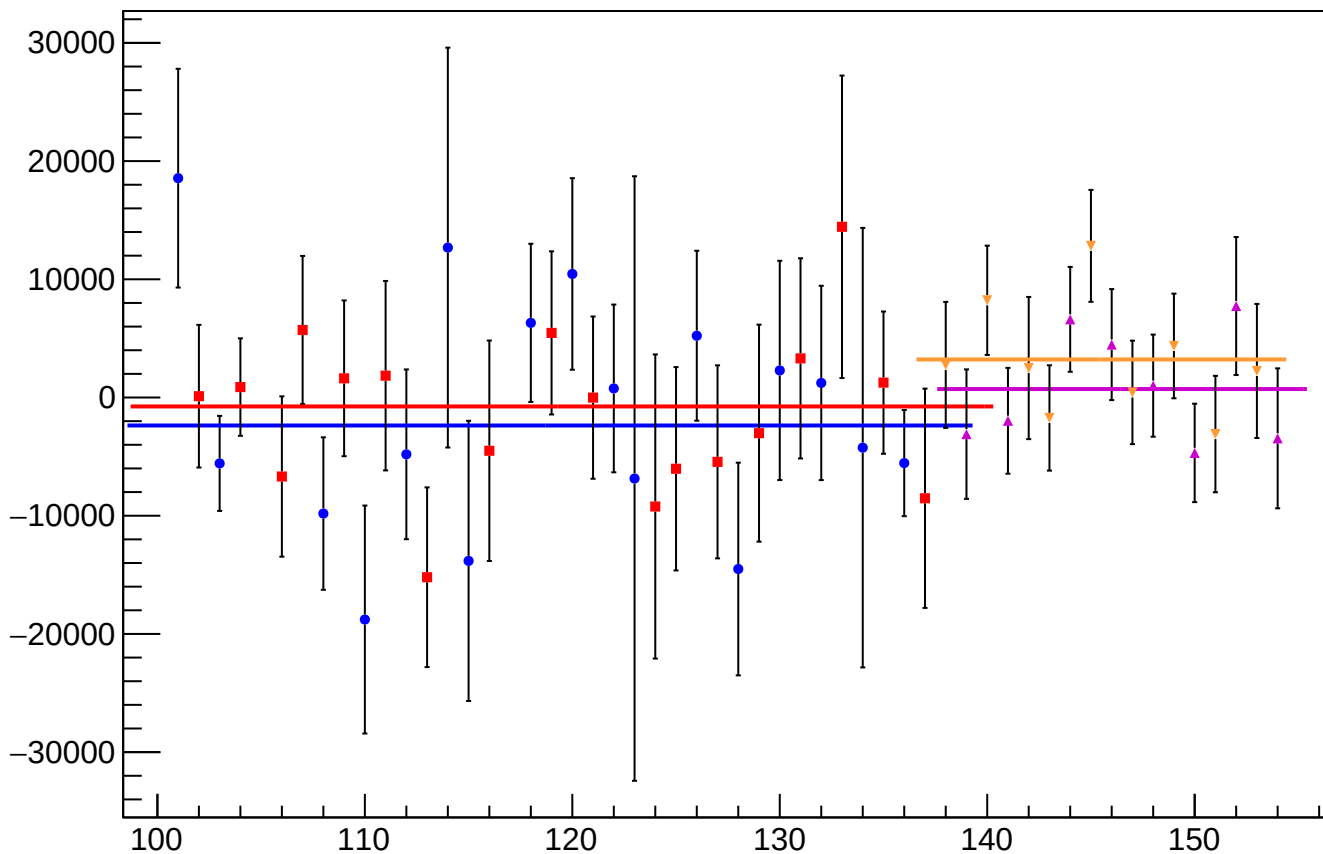
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 3870.293 $\pm$ 0.766 χ^2 /NDF: 1115347.2/24

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

All: 3728.298 $\pm$ 0.521 χ^2 /NDF: 2638988.3/51

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 716.302 ± 1693.699 χ^2/NDF : 6.9/7

Left: 2022.037 ± 1171.414 χ^2/NDF : 16.7/16

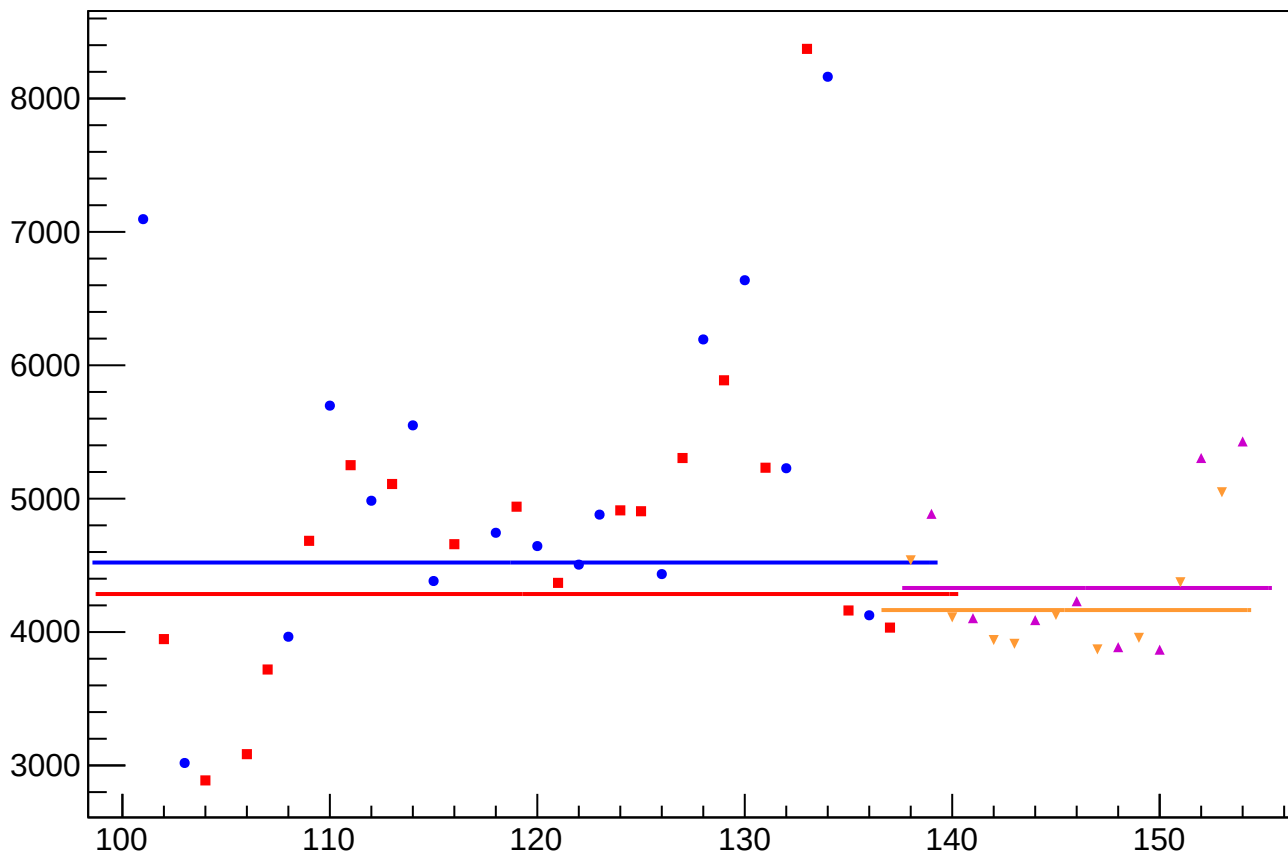
Right: -1511.498 ± 1233.889 χ^2/NDF : 31.1/34

In: -730.212 ± 1234.119 χ^2/NDF : 28.6/24

Out: 1317.175 ± 1171.216 χ^2/NDF : 22.1/26

All: 346.987 ± 849.542 χ^2/NDF : 52.1/51

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4164.838 $\pm$ 1.147 χ^2/NDF : 85035.9/8

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

Left In: 4330.392 $\pm$ 1.198 χ^2/NDF : 202938.4/7

Left: 4244.031 $\pm$ 0.828 χ^2/NDF : 297942.5/16

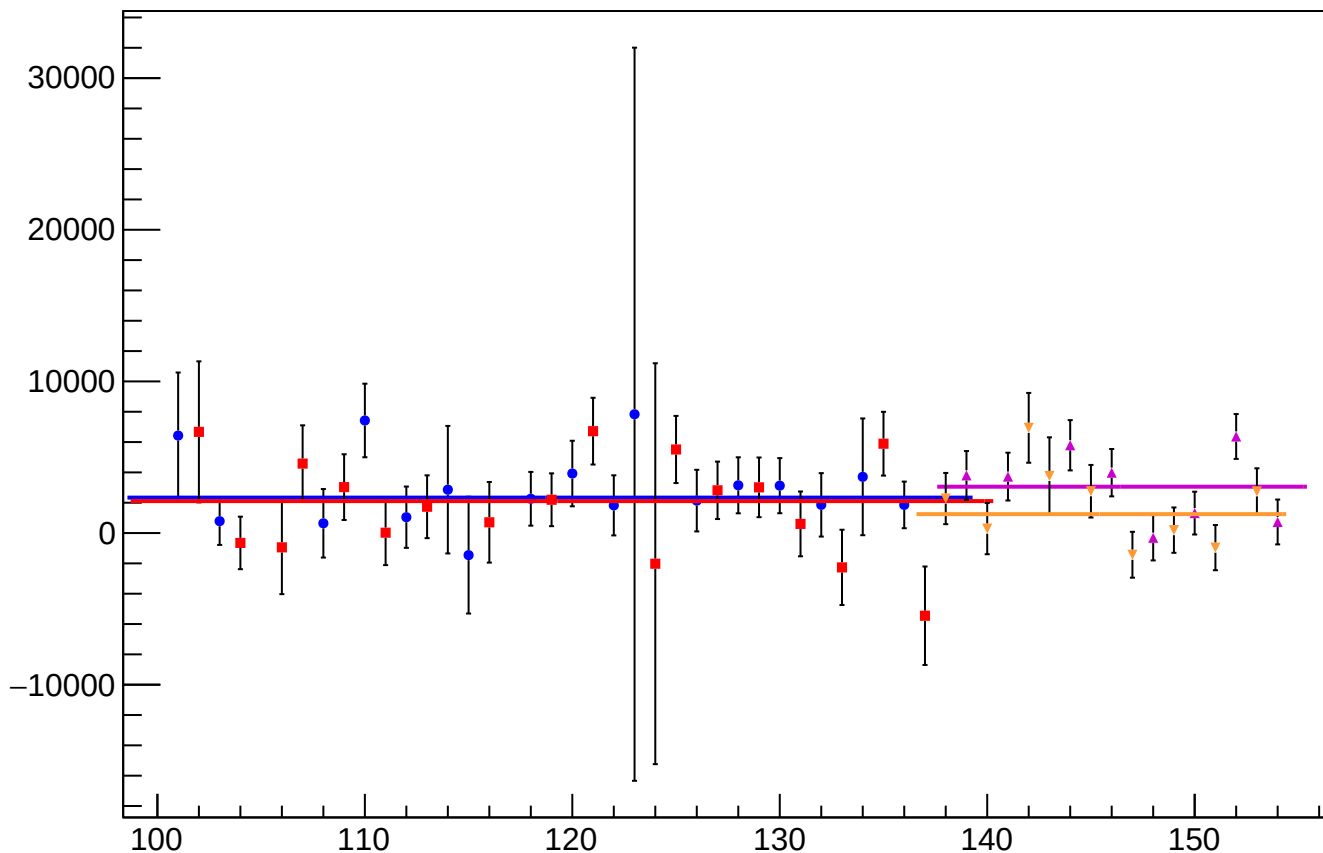
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4419.907 $\pm$ 0.873 χ^2/NDF : 993523.6/24

Out: 4222.707 $\pm$ 0.826 χ^2/NDF : 836726.7/26

All: 4315.890 $\pm$ 0.600 χ^2/NDF : 1857186.0/51

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3056.956 $\pm$ 540.069 χ^2 /NDF:17.5/7

Left: 2191.423 $\pm$ 390.093 χ^2 /NDF: 38.3/16

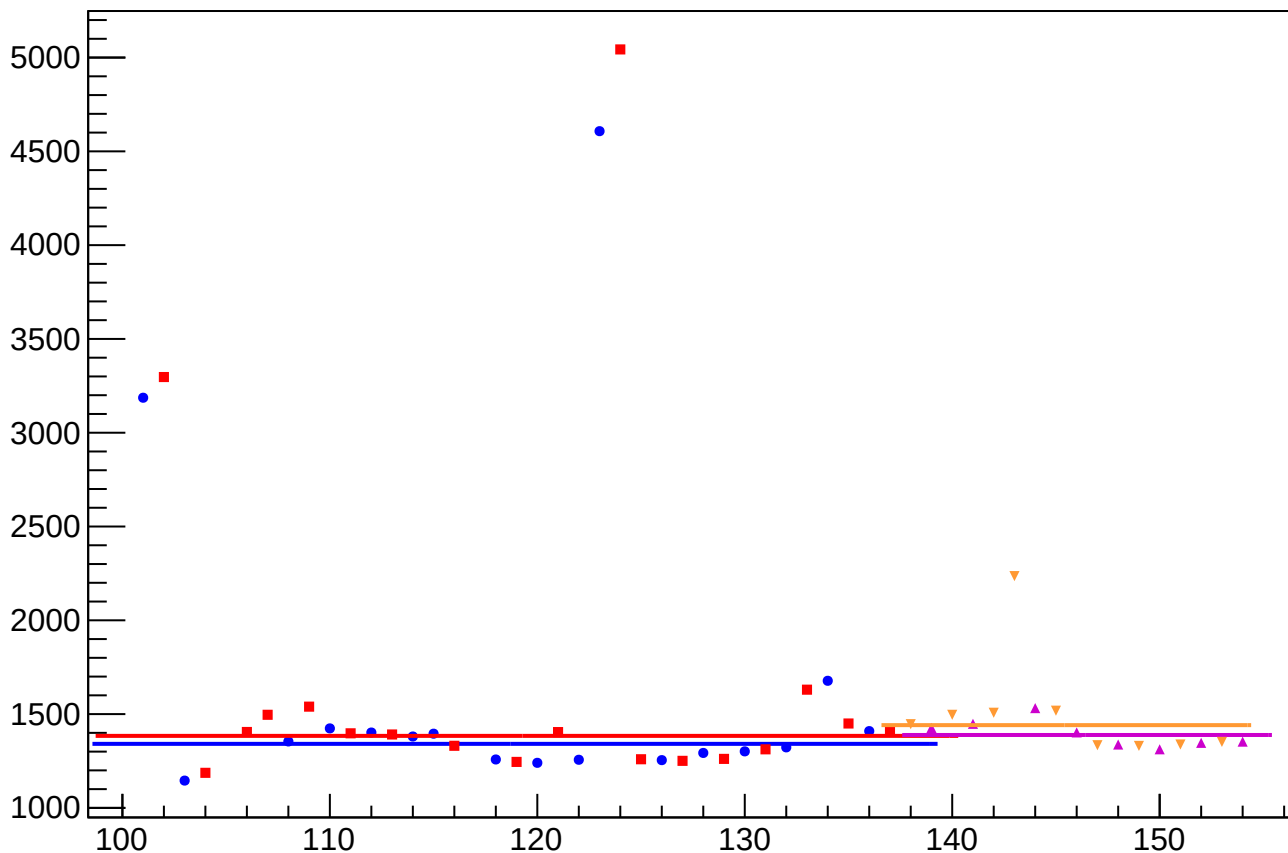
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2690.959 $\pm$ 378.687 χ^2 /NDF:28.1/24

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

All: 2208.133 $\pm$ 271.657 χ^2 /NDF: 74.3/51

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1441.175+/-0.399 χ^2/NDF : 239517.4/8

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

Left In: 1388.667+/-0.382 χ^2/NDF : 29947.1/7

Left: 1413.781+/-0.276 χ^2/NDF : 278506.6/16

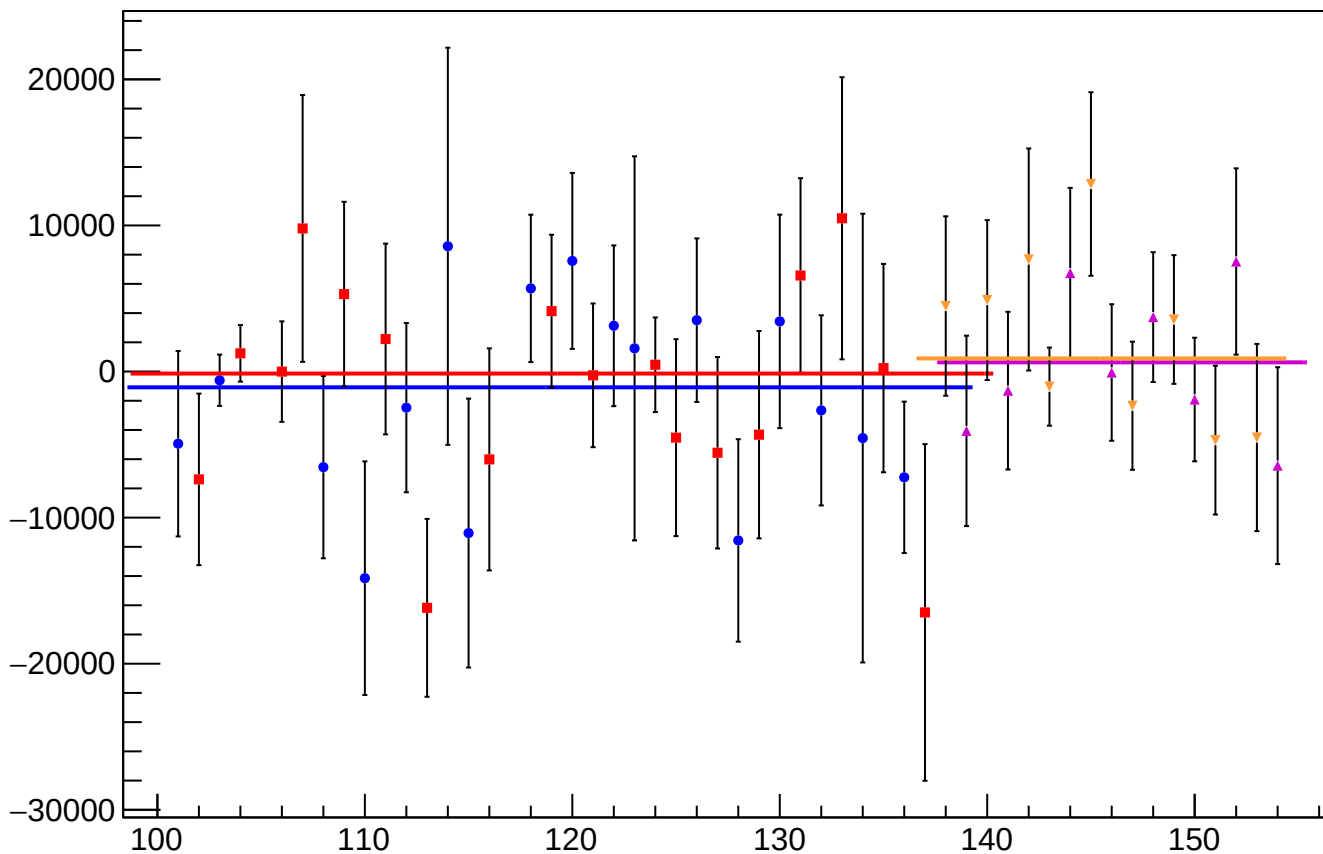
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1364.626+/-0.268 χ^2/NDF : 542015.4/24

Out: 1411.265+/-0.276 χ^2/NDF : 844129.4/26

All: 1387.269+/-0.192 χ^2/NDF : 1400873.4/51

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: 897.592+/-1563.965 χ^2/NDF : 8.6/8

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

Left In: 627.267+/-1868.932 χ^2/NDF : 4.9/7

Left: 786.256+/-1199.410 χ^2/NDF : 13.5/16

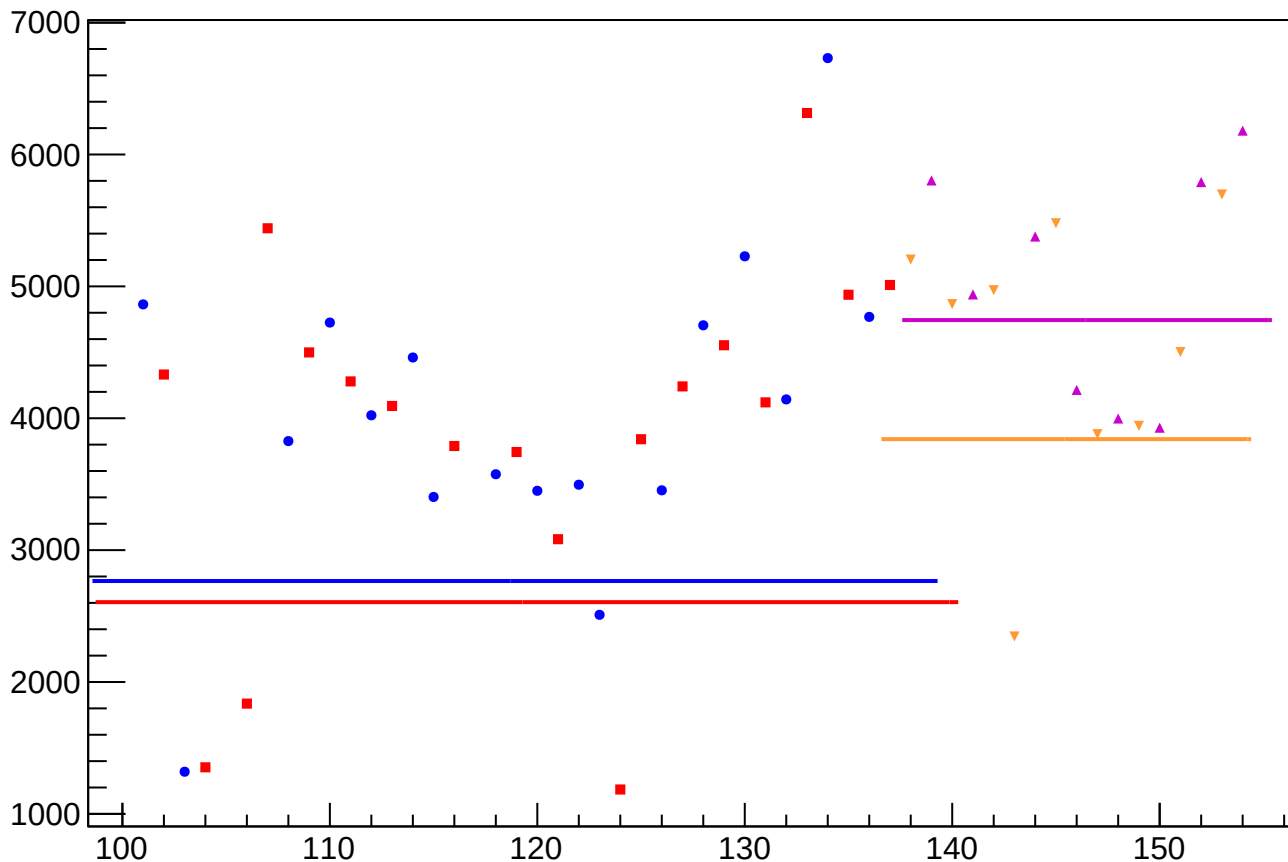
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -575.075+/-1017.117 χ^2/NDF : 20.5/24

Out: 216.362+/-915.574 χ^2/NDF : 27.0/26

All: -137.889+/-680.485 χ^2/NDF : 47.7/51

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4744.435+/-1.322 χ^2/NDF : 380371.0/7

Left: 4213.364+/-0.848 χ^2/NDF : 1831908.4/16

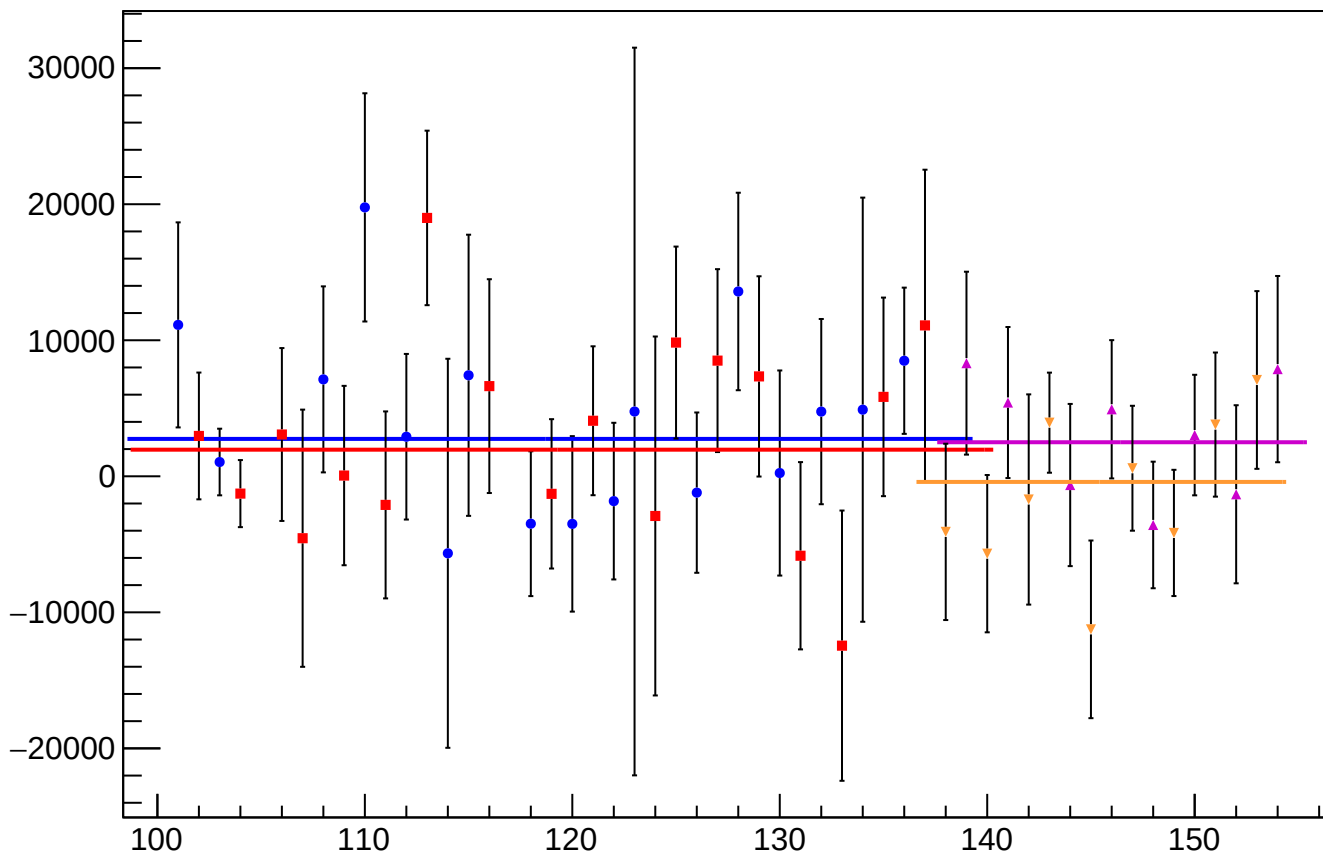
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3351.786+/-0.719 χ^2/NDF : 4897299.8/24

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

All: 3173.538+/-0.481 χ^2/NDF : 10328757.6/5

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: -413.642+/-1765.631 χ^2/NDF : 8.0/8

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

Left In: 2503.021+/-1949.036 χ^2/NDF : 4.2/7

Left: 901.034+/-1308.538 χ^2/NDF : 13.4/16

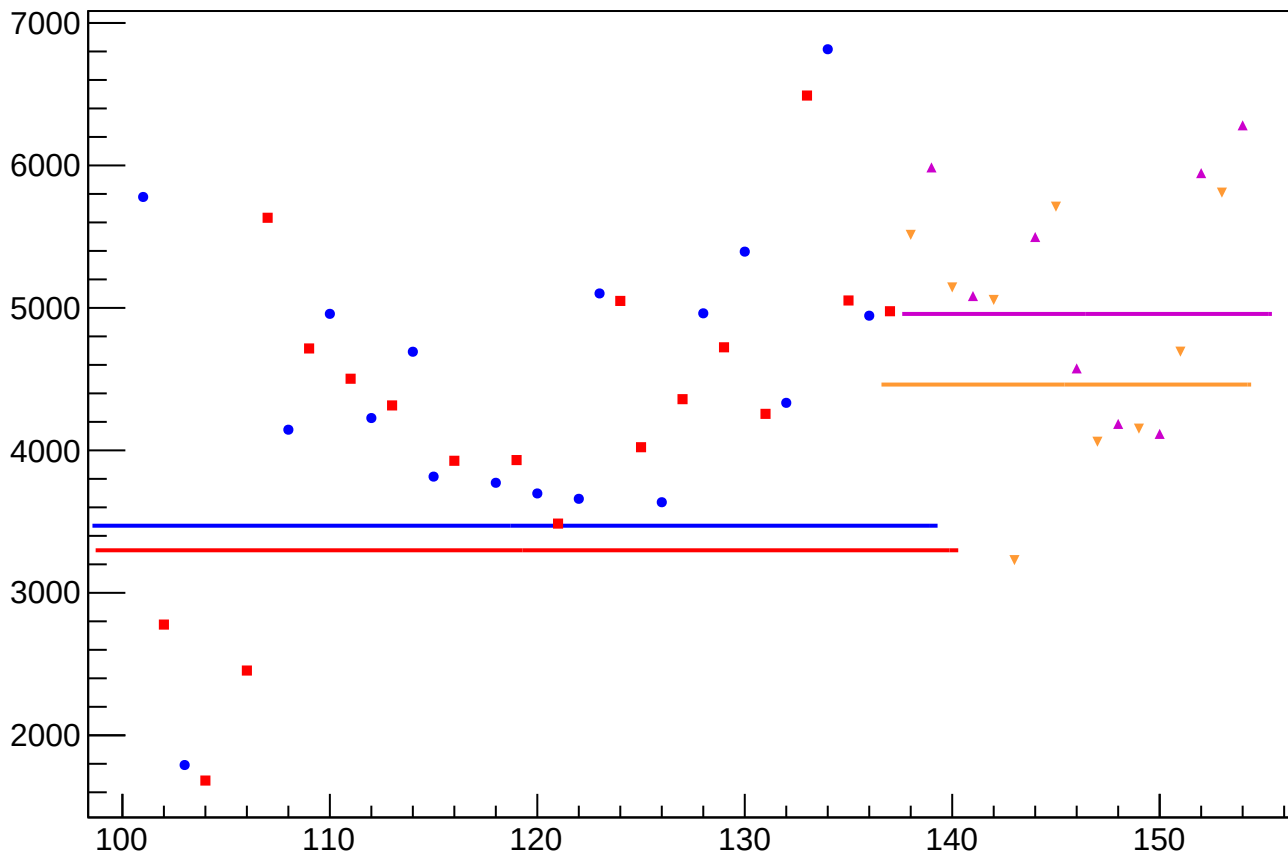
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2661.160+/-1161.627 χ^2/NDF : 18.0/24

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

All: 1805.984+/-794.628 χ^2/NDF : 45.9/51

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023

χ^2/NDF : 1767892.8/16

Left: 4685.400+/-0.925 χ^2/NDF : 897086.0/16

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

Left Out: 4461.949+/-1.248

χ^2/NDF : 502801.1/8

In: 3999.178+/-0.821 χ^2/NDF : 2841280.4/24

Right Out: 3298.657+/-0.970

χ^2/NDF : 1886021.8/17

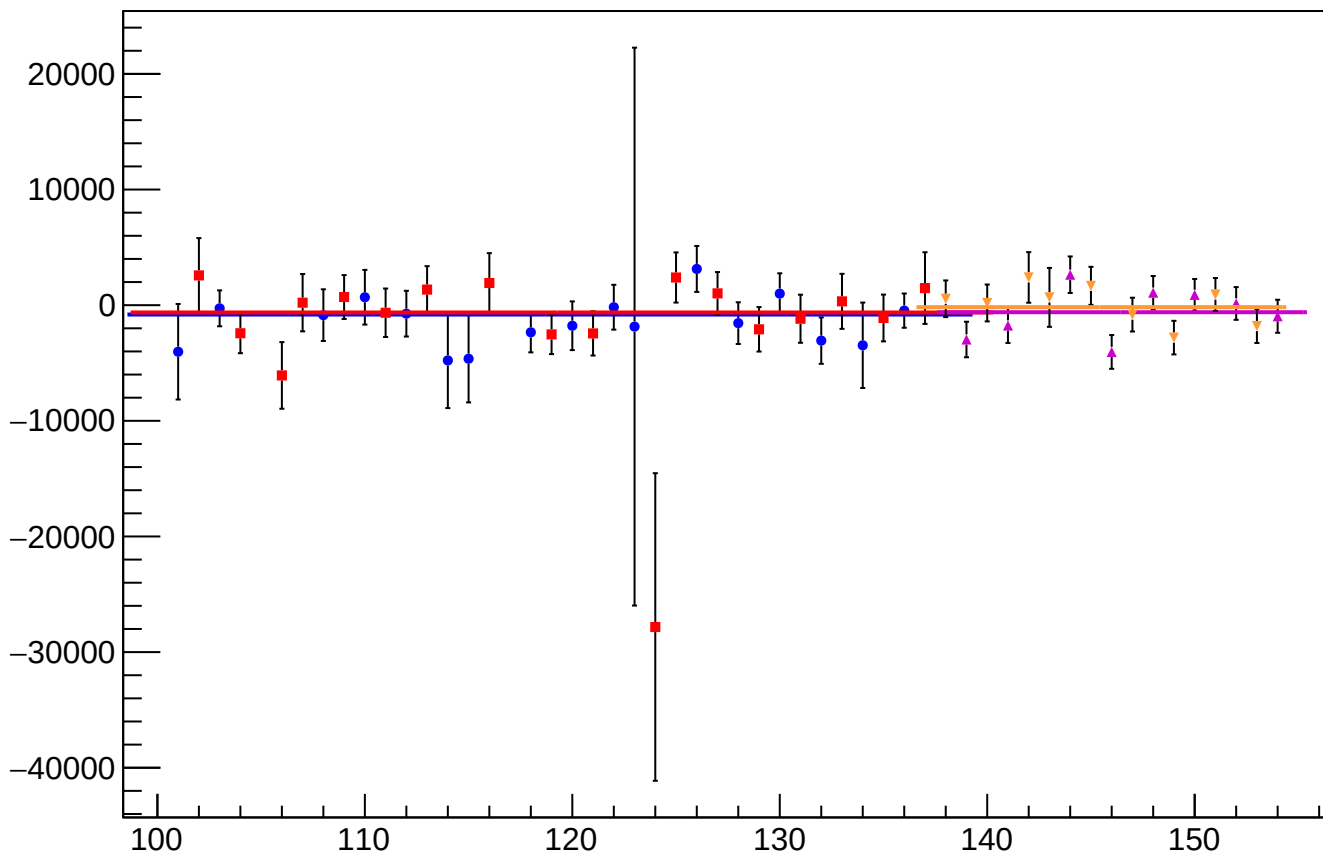
Out: 3736.466+/-0.766 χ^2/NDF : 2930258.4/26

Left In: 4957.684+/-1.378

χ^2/NDF : 323219.0/7

All: 3858.654+/-0.560 χ^2/NDF : 5826258.2/51

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -168.946+/-540.602 χ^2/NDF : 8.3/8

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

Left In: -608.062+/-517.358 χ^2/NDF : 15.6/7

Left: -398.148+/-373.774 χ^2/NDF : 24.3/16

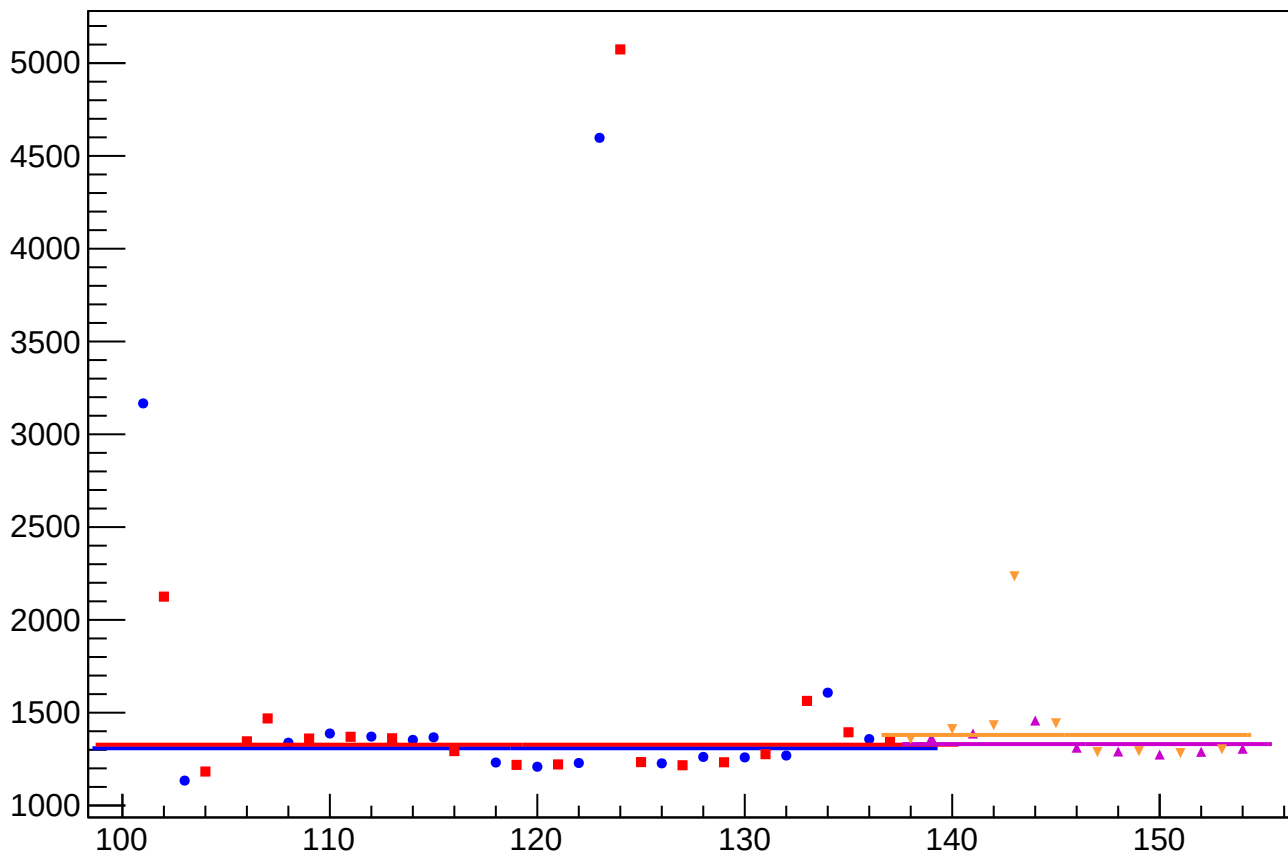
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -708.378+/-366.121 χ^2/NDF : 26.9/24

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

All: -562.410+/-261.235 χ^2/NDF : 54.5/51

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1380.098 ± 0.382 χ^2/NDF : 260549.9/8

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

Left In: 1330.767 ± 0.366 χ^2/NDF : 24367.7/7

Left: 1354.349 ± 0.264 χ^2/NDF : 293610.3/16

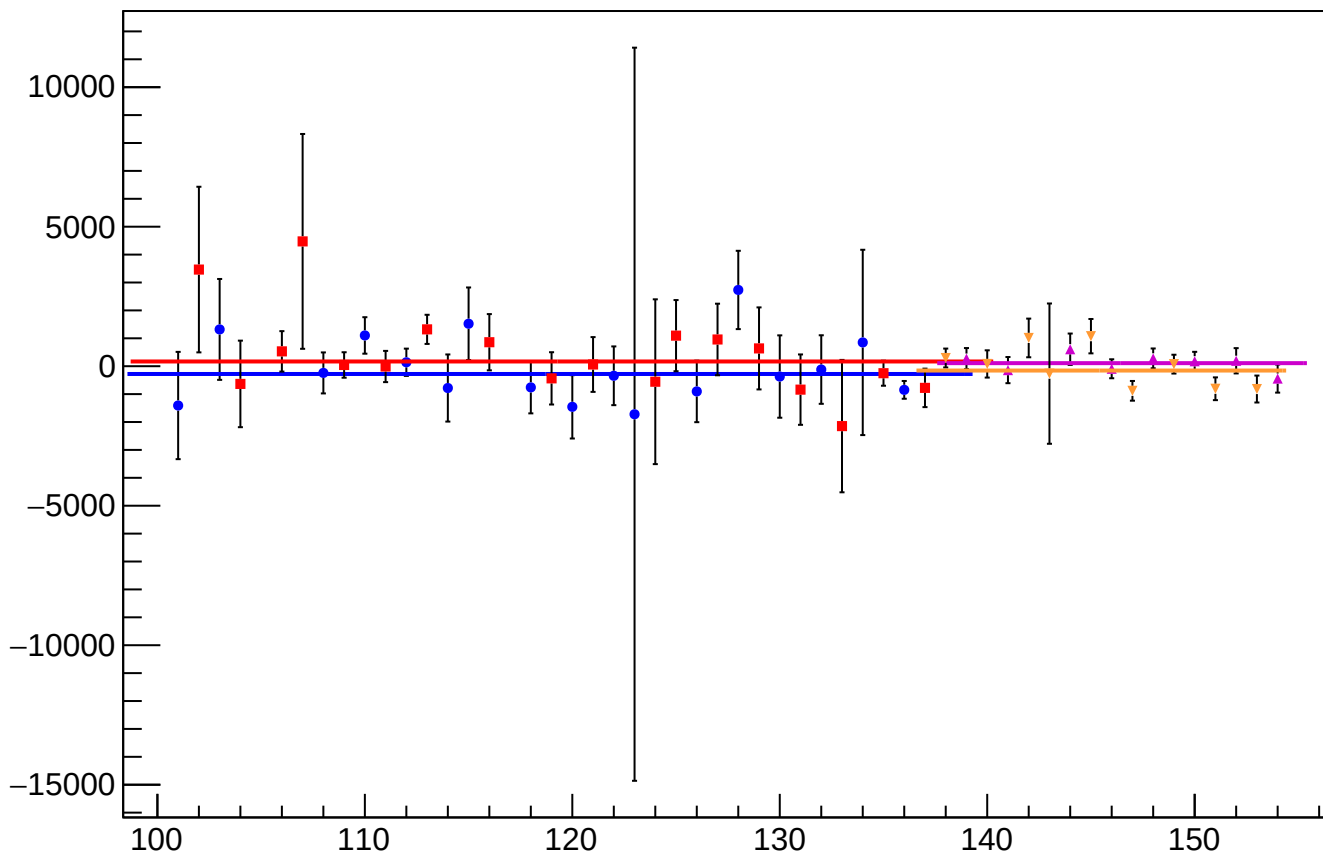
Right: 1318.067 ± 0.258 χ^2/NDF : 865268.7/34

In: 1319.585 ± 0.259 χ^2/NDF : 532784.4/24

Out: 1352.597 ± 0.264 χ^2/NDF : 627751.9/26

All: 1335.790 ± 0.185 χ^2/NDF : 1168518.4/51

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -155.303+/-149.202 χ^2/NDF : 18.0/8

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

Left In: 109.811+/-143.098 χ^2/NDF : 3.1/7

Left: -17.212+/-103.276 χ^2/NDF : 22.7/16

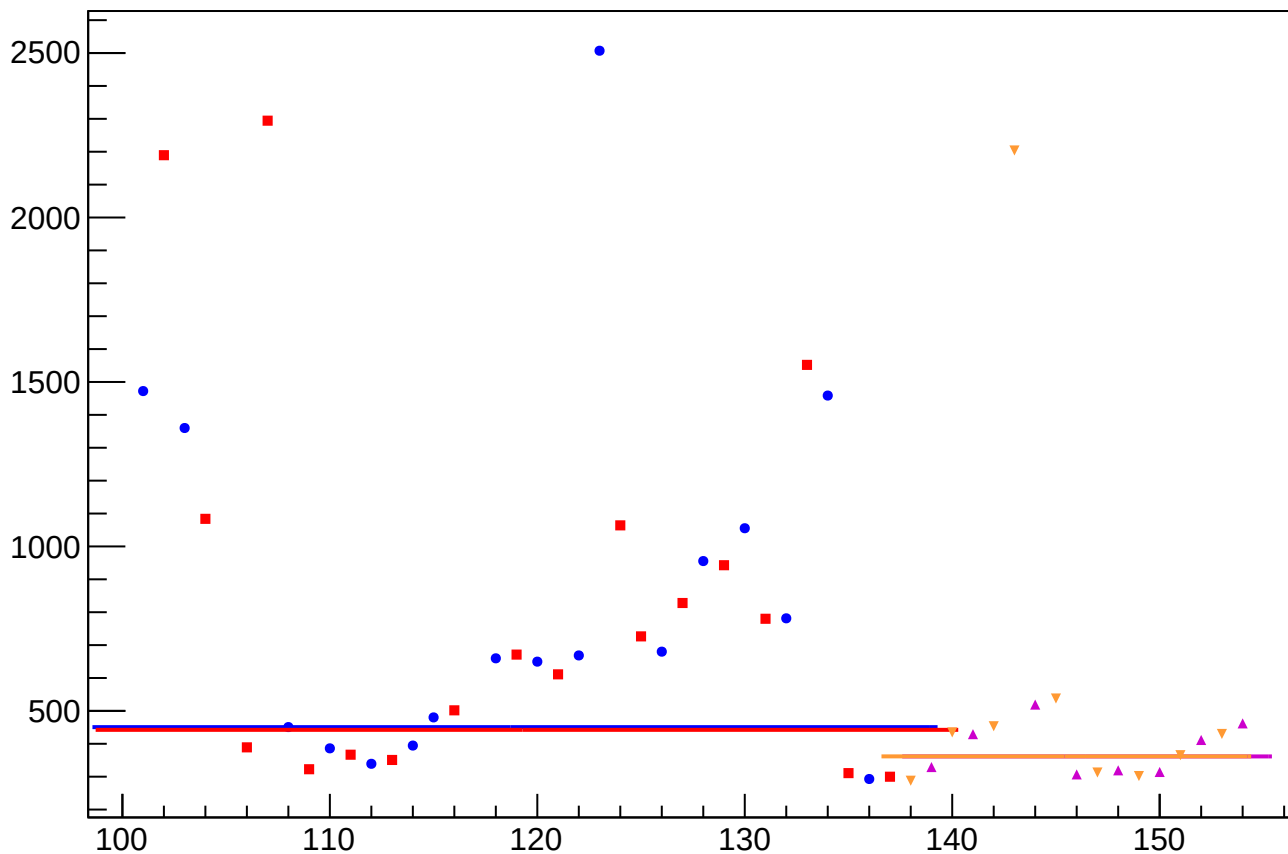
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -23.385+/-116.004 χ^2/NDF : 23.7/24

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

All: -28.289+/-82.698 χ^2/NDF : 57.8/51

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 361.556+/-0.101 χ^2/NDF :436435.6/7

Left: 361.628+/-0.073 χ^2/NDF : 1990180.2/16

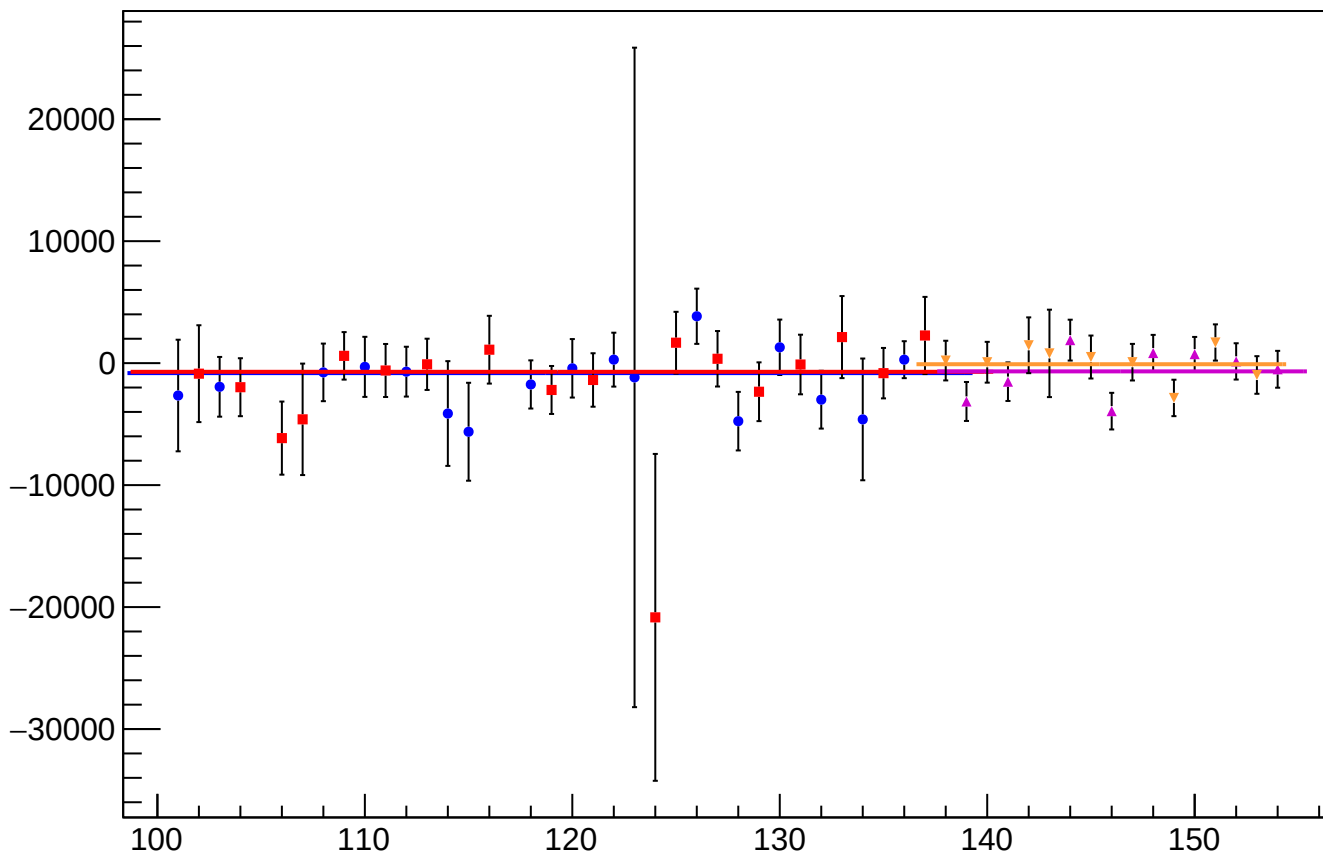
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 392.081+/-0.082 χ^2/NDF :3699632.3/24

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

All: 392.031+/-0.058 χ^2/NDF : 8841097.7/51

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -676.180+/-539.553 χ^2/NDF : 12.1/7

Left: -398.090+/-391.364 χ^2/NDF : 18.5/16

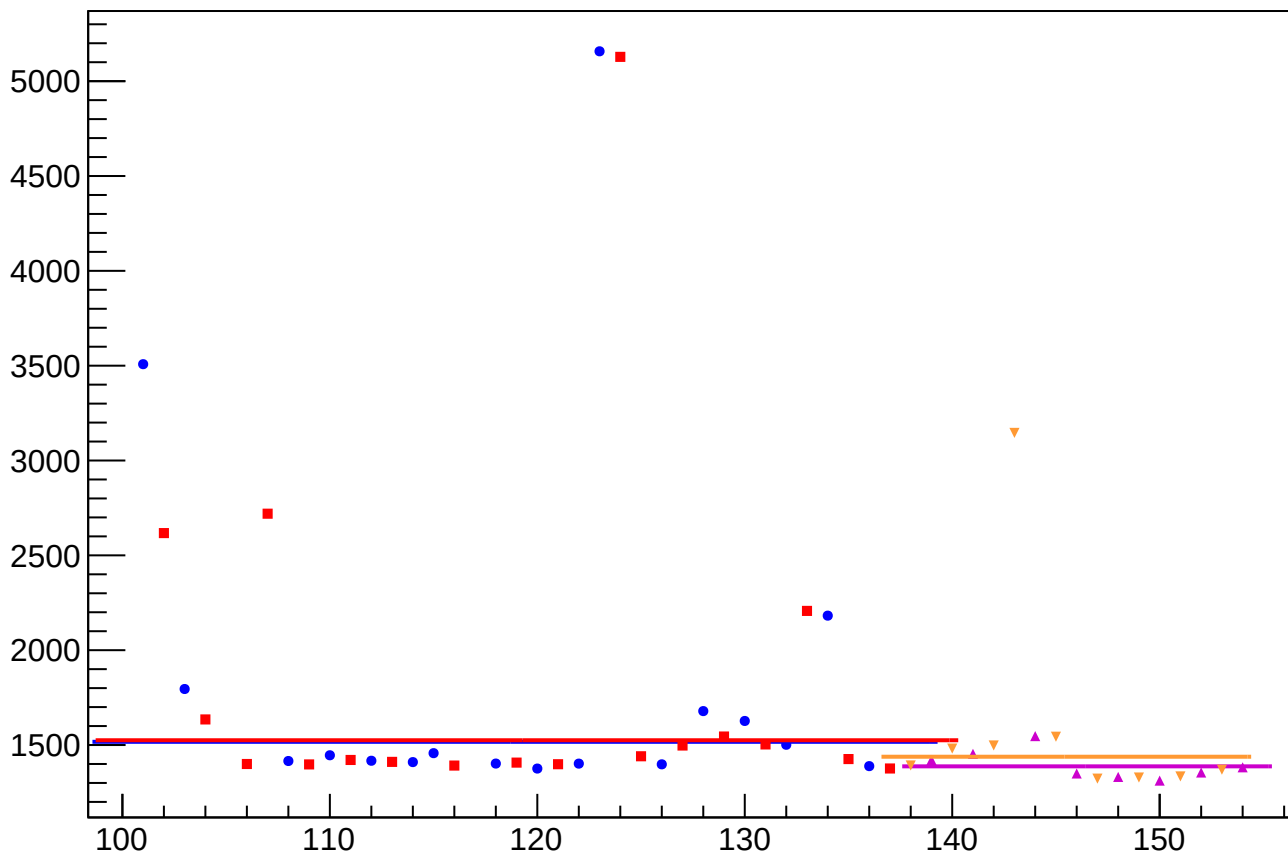
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -739.057+/-401.538 χ^2/NDF : 24.8/24

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

All: -566.465+/-287.354 χ^2/NDF : 43.0/51

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1387.528+/-0.382 χ^2/NDF : 33223.4/7

Left: 1411.572+/-0.277 χ^2/NDF : 543328.2/16

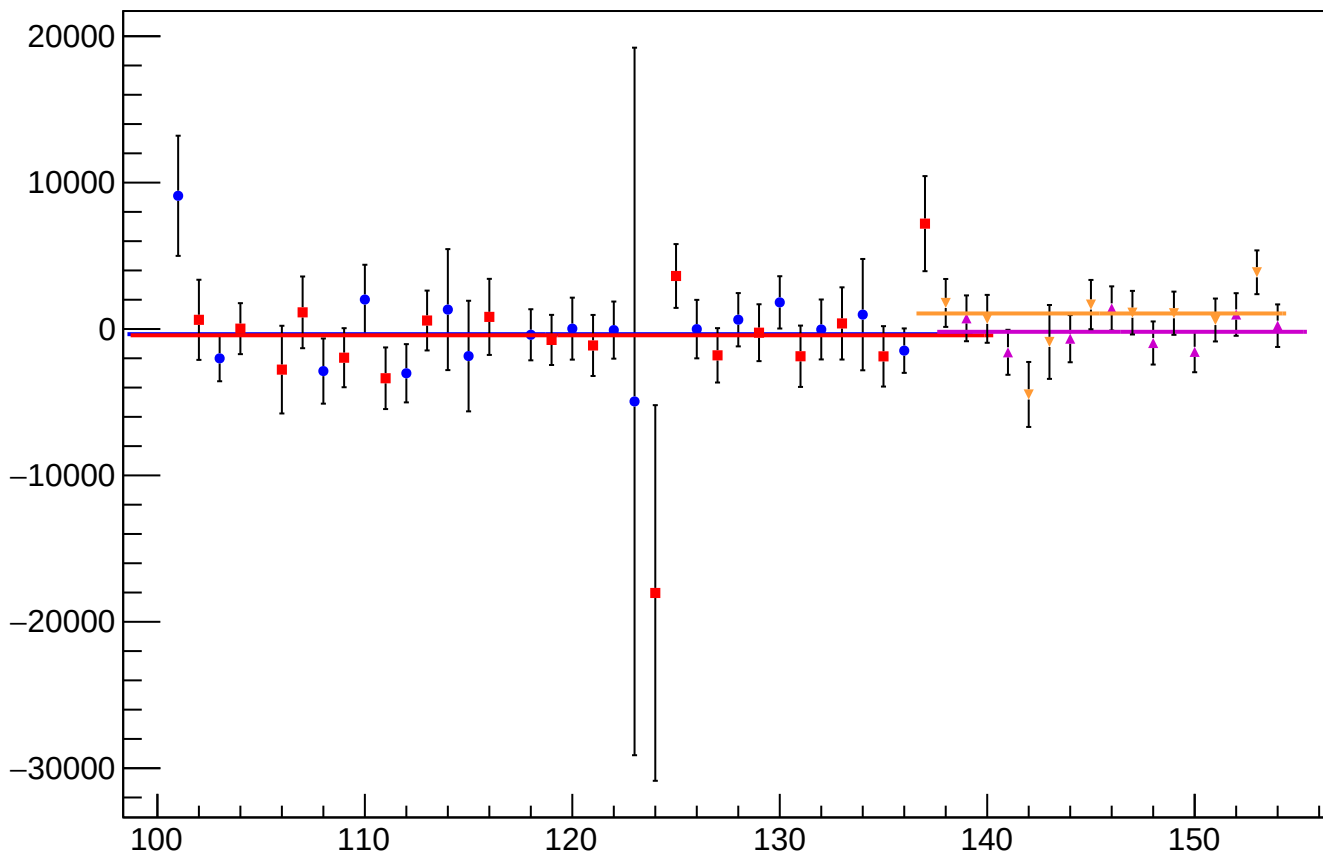
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1445.264+/-0.284 χ^2/NDF : 625592.3/24

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

All: 1462.031+/-0.203 χ^2/NDF : 1728617.8/51

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 1061.701+/-551.920 χ^2/NDF : 10.8/8

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

Left In: -190.801+/-528.615 χ^2/NDF : 4.4/7

Left: 408.448+/-381.761 χ^2/NDF : 17.9/16

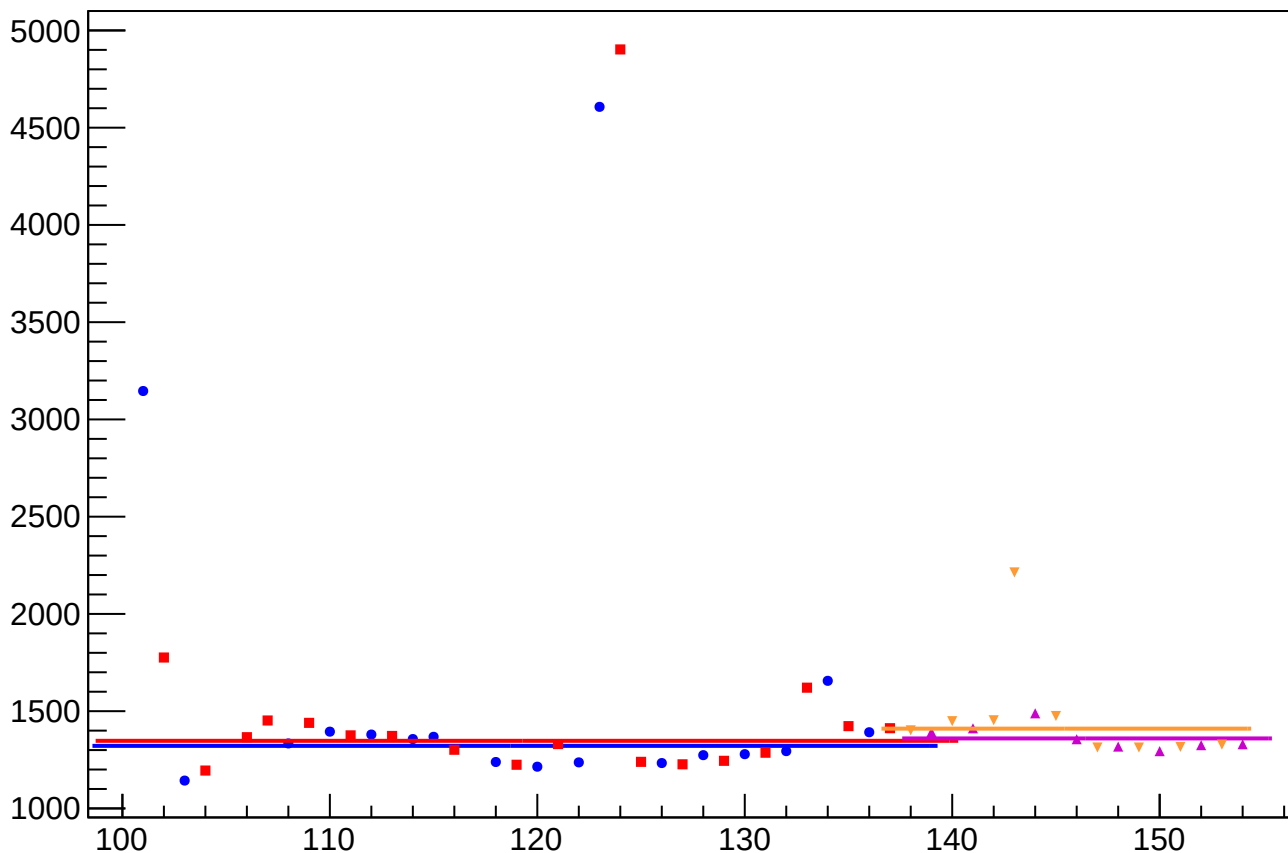
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -272.782+/-371.903 χ^2/NDF : 17.8/24

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

All: -4.219+/-265.578 χ^2/NDF : 50.4/51

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1359.841 $\pm$ 0.374 χ^2 /NDF: 24024.8/7

Left: 1383.963 $\pm$ 0.270 χ^2 /NDF: 271537.1/16

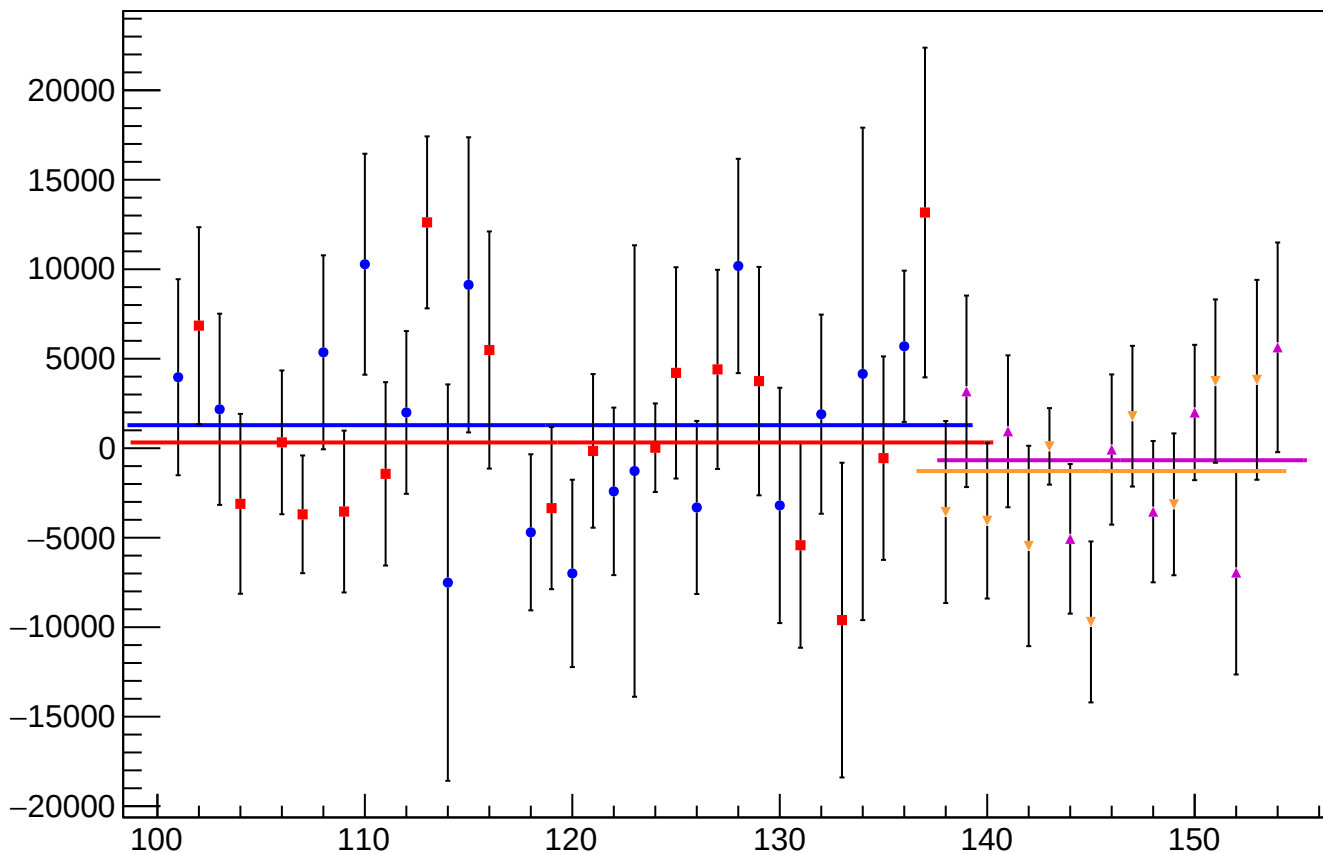
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1340.580 $\pm$ 0.263 χ^2 /NDF: 531528.3/24

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

All: 1358.537 $\pm$ 0.188 χ^2 /NDF: 1079734.7/51

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -672.303+/-1584.185 χ^2/NDF : 5.2/7

Left: -1034.973+/-1000.575 χ^2/NDF : 13.3/16

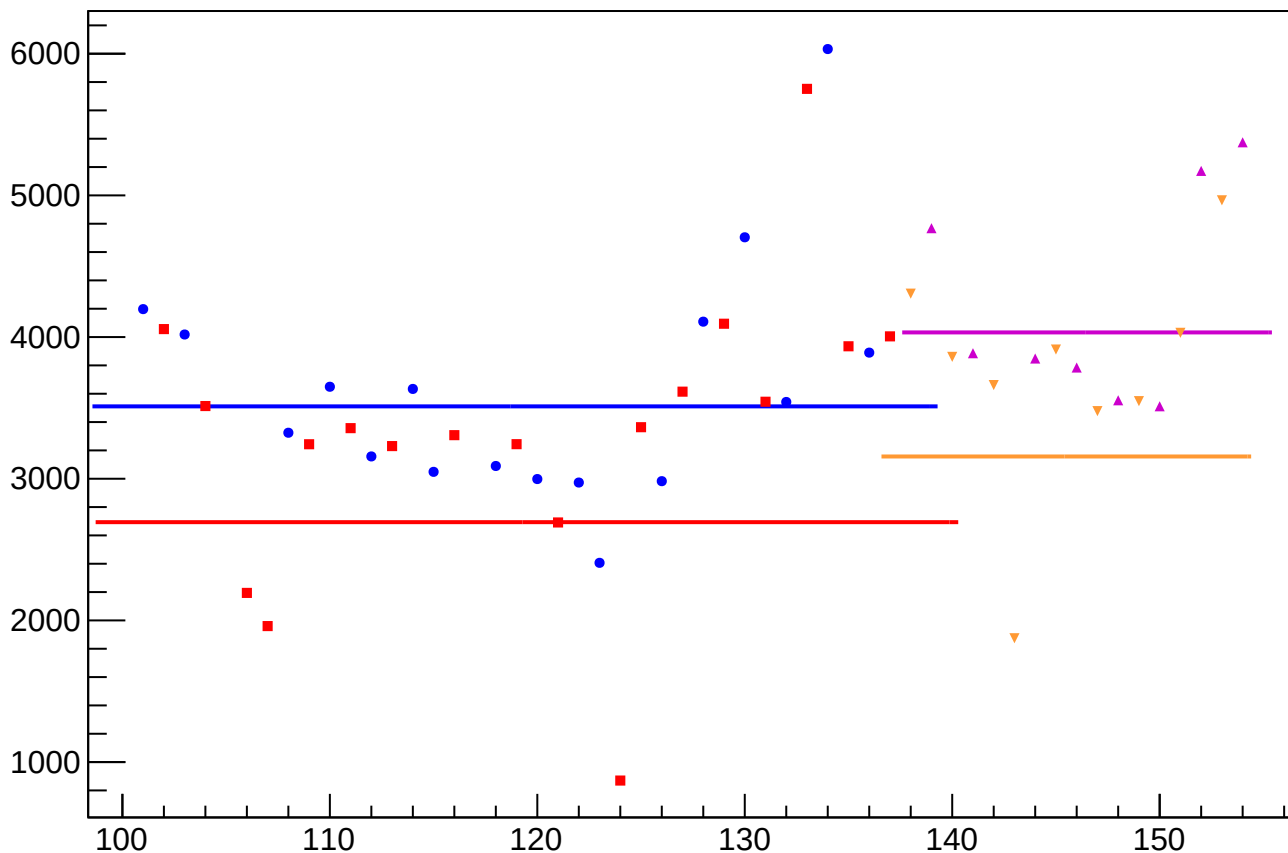
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 444.849+/-1038.778 χ^2/NDF : 20.3/24

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

All: -38.633+/-652.989 χ^2/NDF : 47.1/51

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: 3157.086+/-0.913 χ^2/NDF :1263122.3/8

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

Left In: 4032.788+/-1.120 χ^2/NDF :303595.8/7

Left: 3506.423+/-0.708 χ^2/NDF : 1934052.9/16

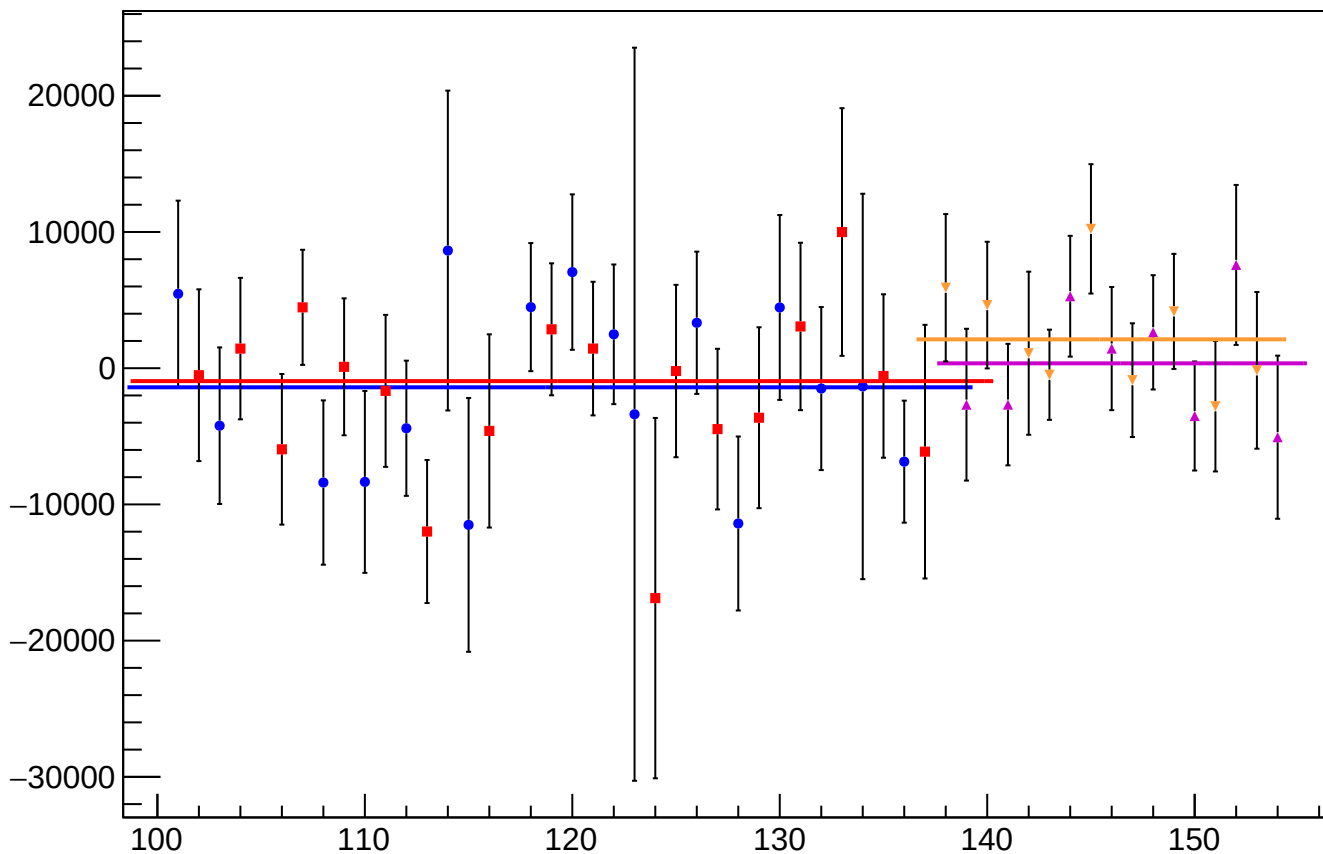
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3735.236+/-0.735 χ^2/NDF :771428.2/24

Out: 2889.715+/-0.594 χ^2/NDF :3537799.0/26

All: 3223.826+/-0.462 χ^2/NDF : 5110681.2/51

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442+/-1504.149 χ^2/NDF : 15.8/16

Left Out: 2119.186+/-1522.798 χ^2/NDF : 6.3/8

Right Out: -947.960+/-1382.709 χ^2/NDF : 12.5/17

Left In: 356.897+/-1670.448 χ^2/NDF : 5.6/7

Left: 1319.352+/-1125.367 χ^2/NDF : 12.5/16

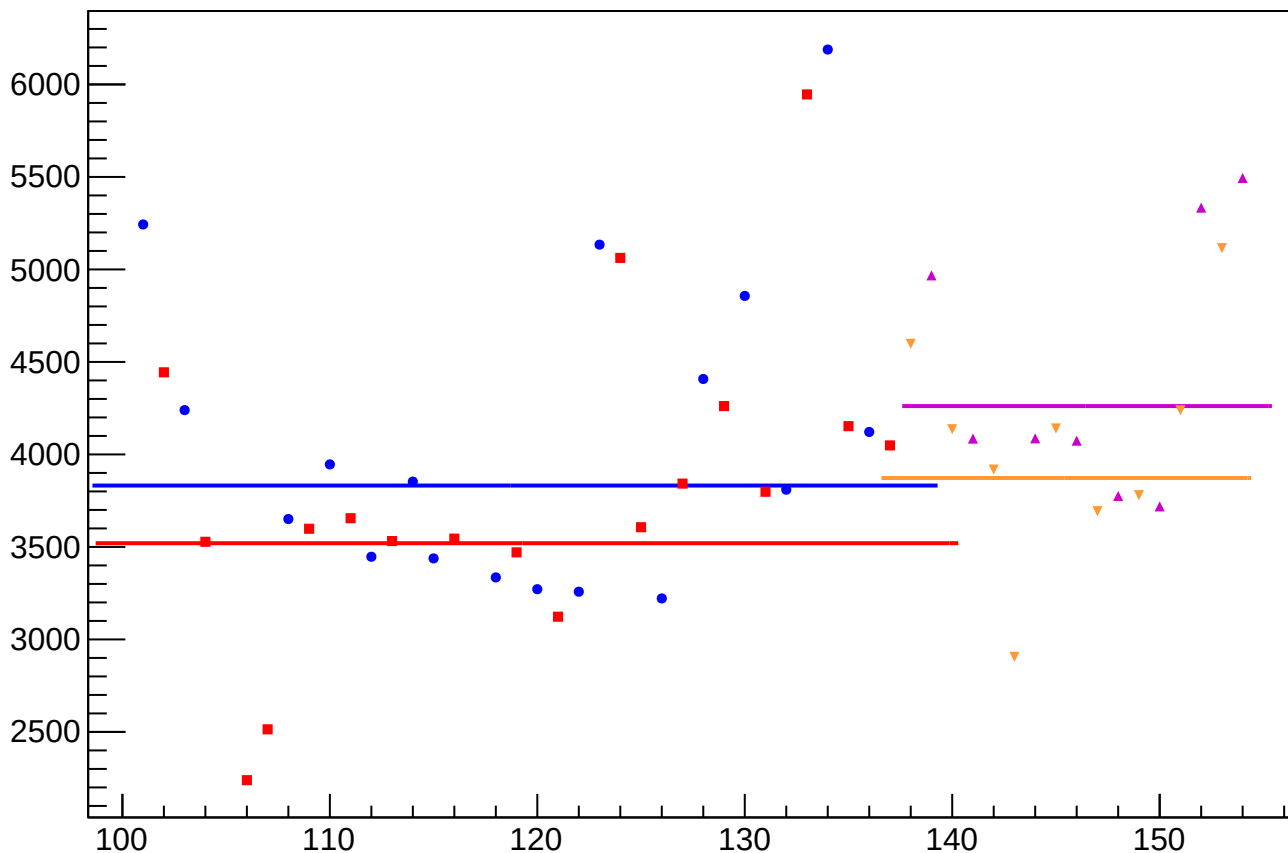
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -614.129+/-1117.777 χ^2/NDF : 22.0/24

Out: 438.074+/-1023.675 χ^2/NDF : 21.0/26

All: -41.880+/-754.927 χ^2/NDF : 43.5/51

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: 3872.547 $\pm$ 1.077 χ^2 /NDF: 329208.4/8

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

Left In: 4261.349 $\pm$ 1.181 χ^2 /NDF: 256877.5/7

Left: 4049.009 $\pm$ 0.796 χ^2 /NDF: 645258.9/16

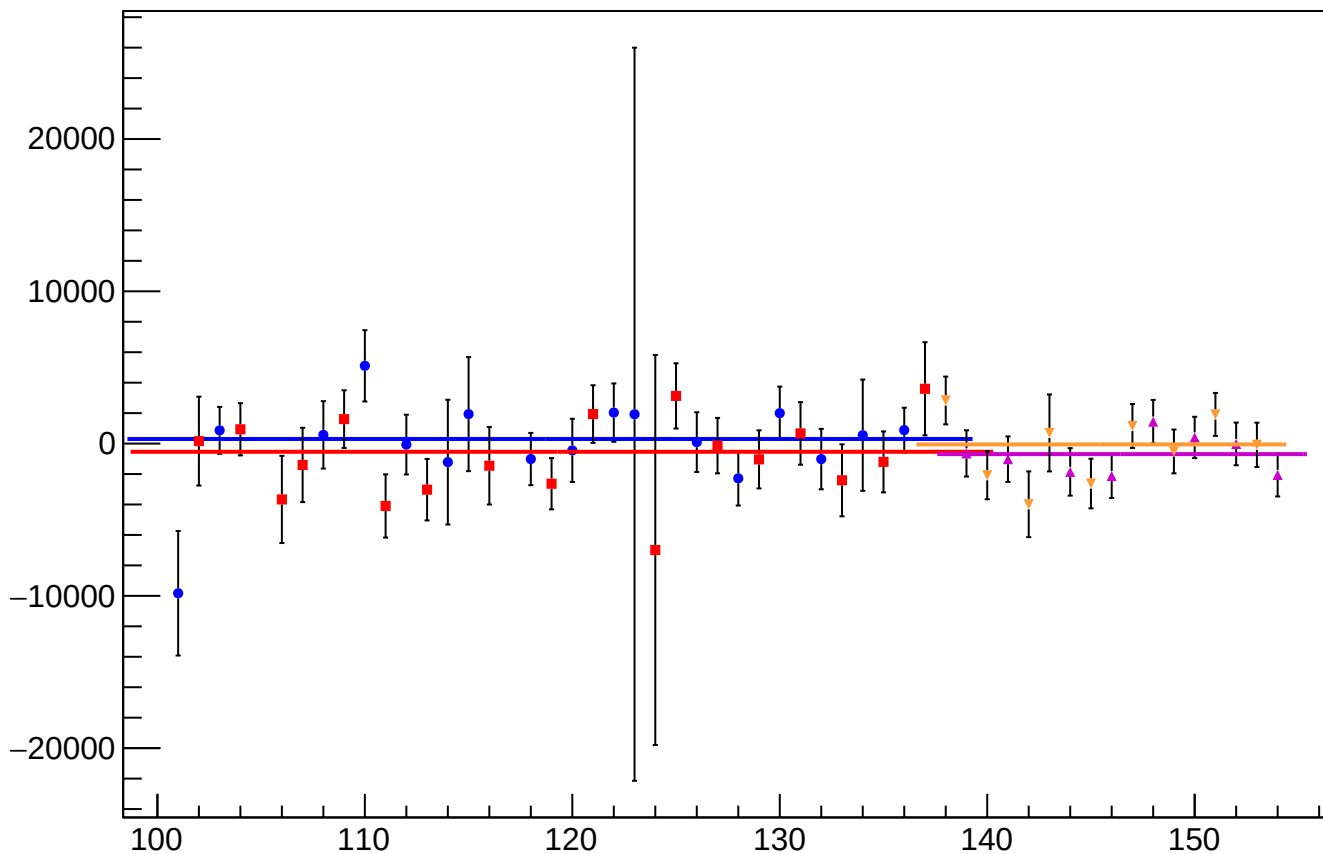
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4024.139 $\pm$ 0.790 χ^2 /NDF: 667612.8/24

Out: 3677.817 $\pm$ 0.720 χ^2 /NDF: 932530.7/26

All: 3834.924 $\pm$ 0.532 χ^2 /NDF: 1705041.8/51

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -691.579 ± 511.758 $\chi^2/\text{NDF}: 5.7/7$

Left: -387.718 ± 369.770 $\chi^2/\text{NDF}: 20.1/16$

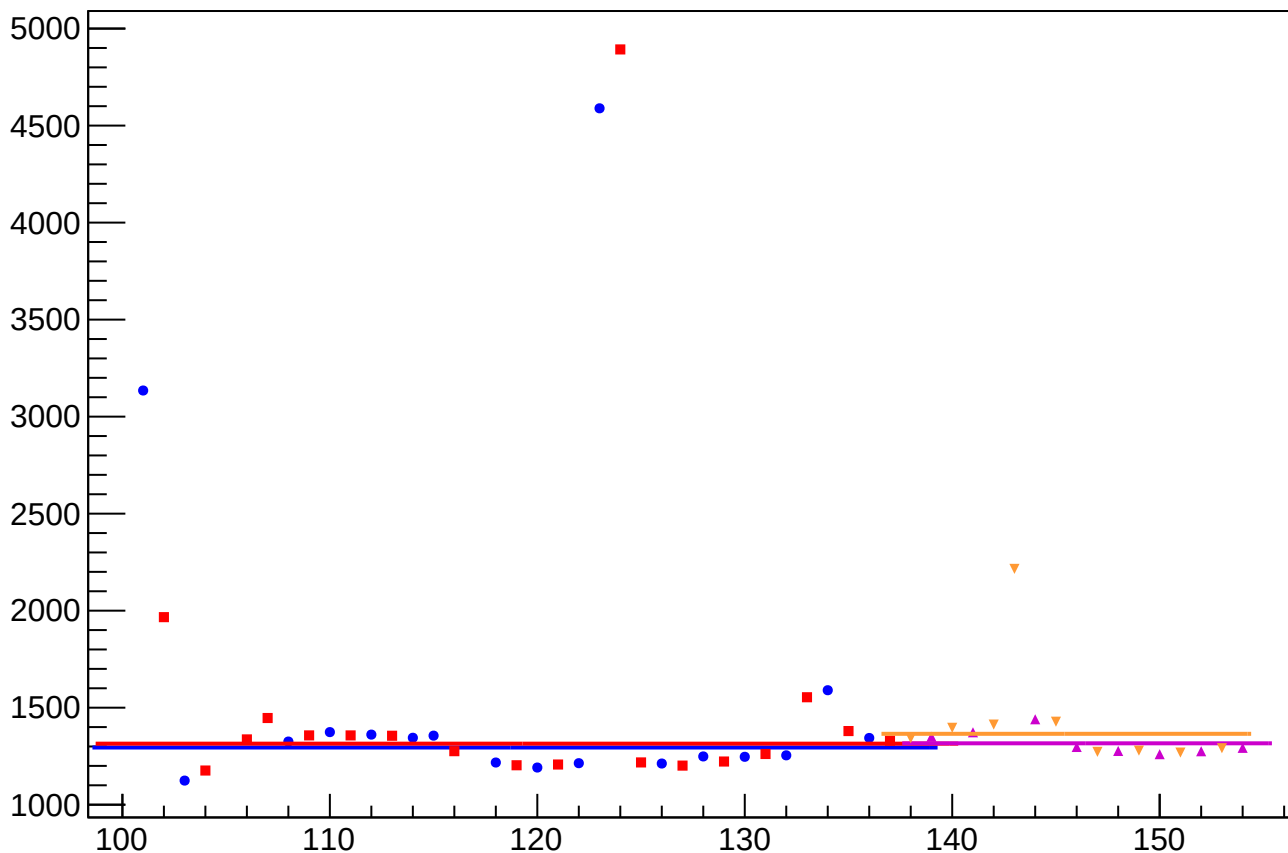
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -195.849 ± 362.247 $\chi^2/\text{NDF}: 23.6/24$

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

All: -251.363 ± 258.366 $\chi^2/\text{NDF}: 55.2/51$

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: 1365.322 $\pm$ 0.378 χ^2 /NDF: 261736.7/8

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

Left In: 1316.365 $\pm$ 0.362 χ^2 /NDF: 24059.3/7

Left: 1339.763 $\pm$ 0.261 χ^2 /NDF: 294543.6/16

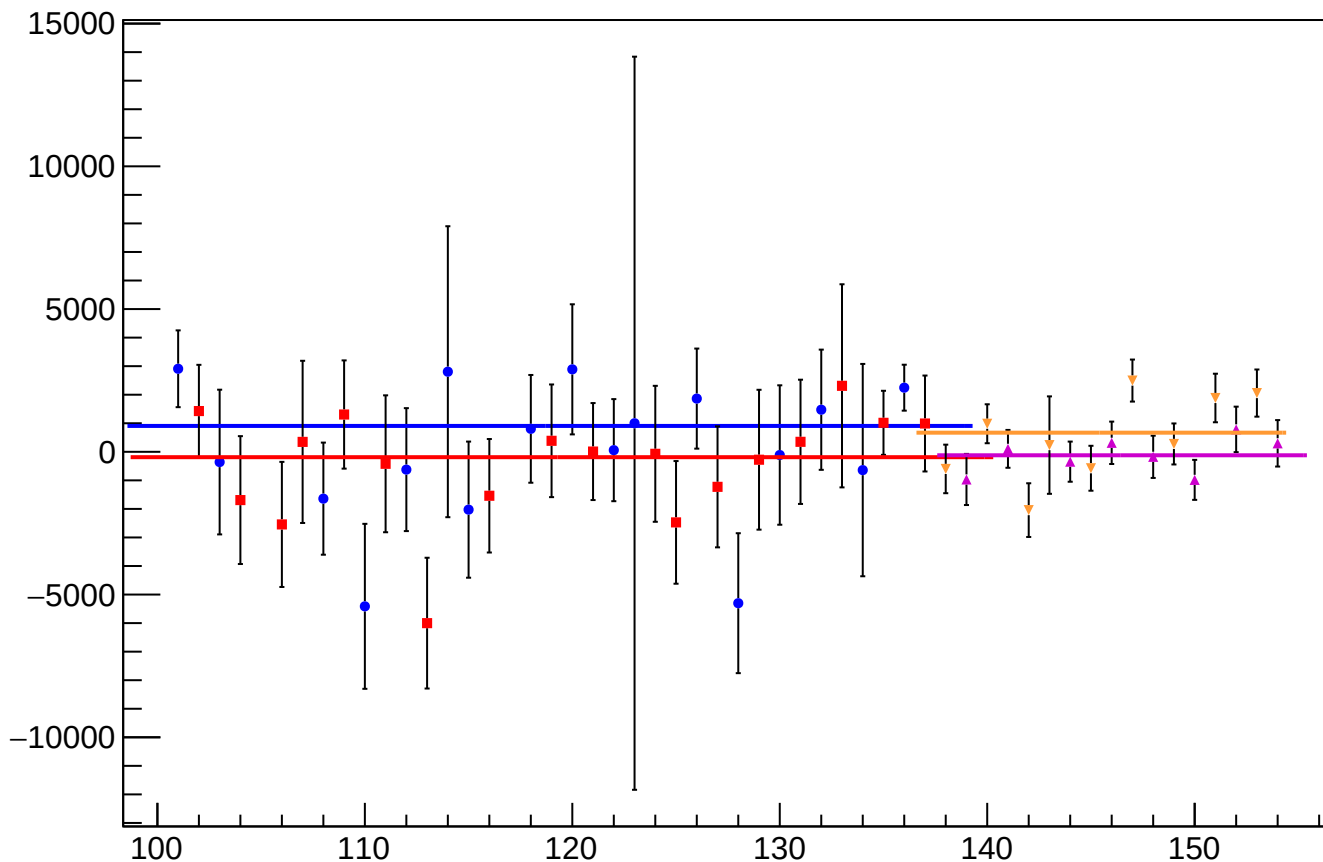
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1305.570 $\pm$ 0.256 χ^2 /NDF: 533646.8/24

Out: 1338.683 $\pm$ 0.261 χ^2 /NDF: 605023.6/26

All: 1321.838 $\pm$ 0.183 χ^2 /NDF: 1146880.7/51

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: 670.313 $\pm$ 274.716 χ^2 /NDF:24.6/8

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

Left In: -121.288 $\pm$ 264.353 χ^2 /NDF:4.5/7

Left: 259.301 $\pm$ 190.484 χ^2 /NDF: 33.5/16

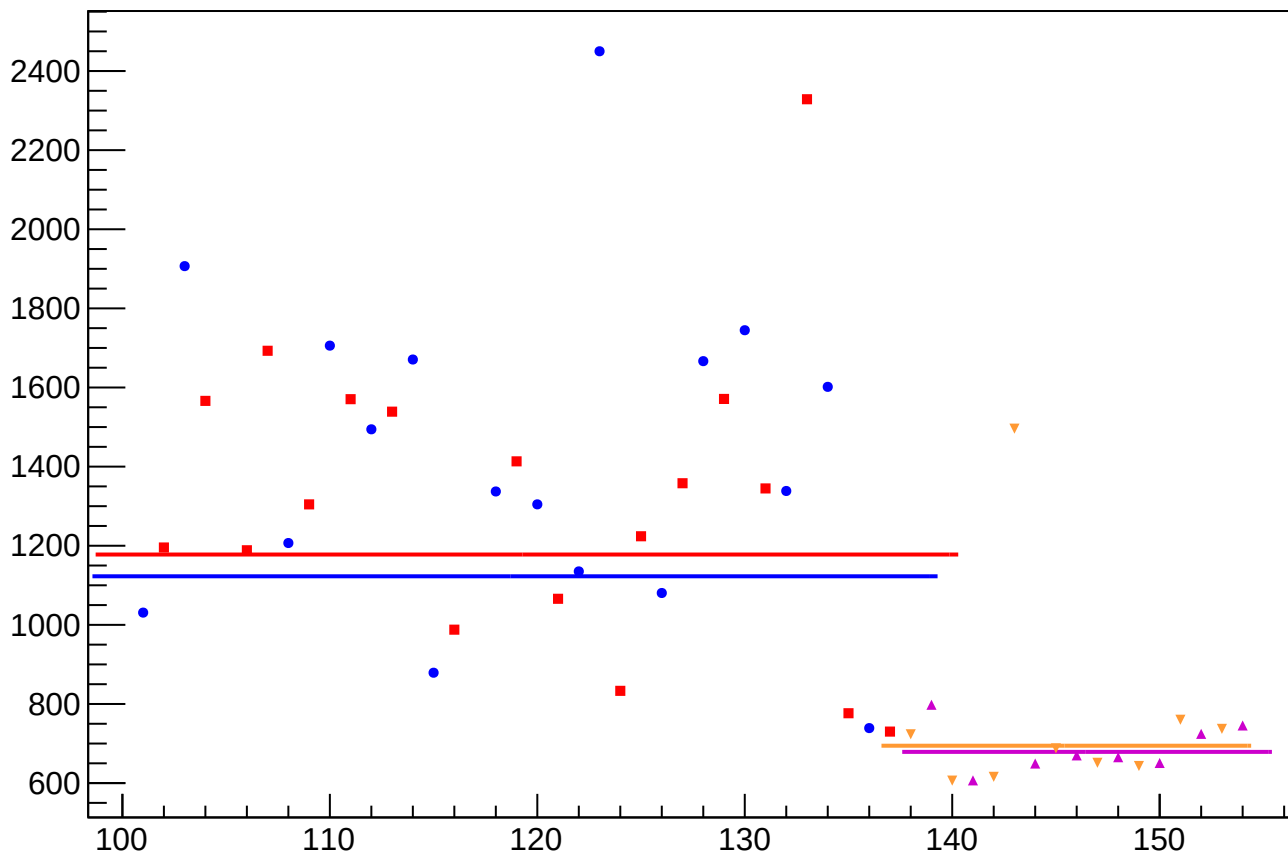
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 137.425 $\pm$ 228.681 χ^2 /NDF:30.3/24

Out: 447.873 $\pm$ 236.462 χ^2 /NDF:41.0/26

All: 287.457 $\pm$ 164.384 χ^2 /NDF: 72.2/51

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 694.498+/-0.194 χ^2/NDF : 525168.0/8

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 678.910+/-0.187 χ^2/NDF : 86690.4/7

Left: 686.404+/-0.135 χ^2/NDF : 615201.7/16

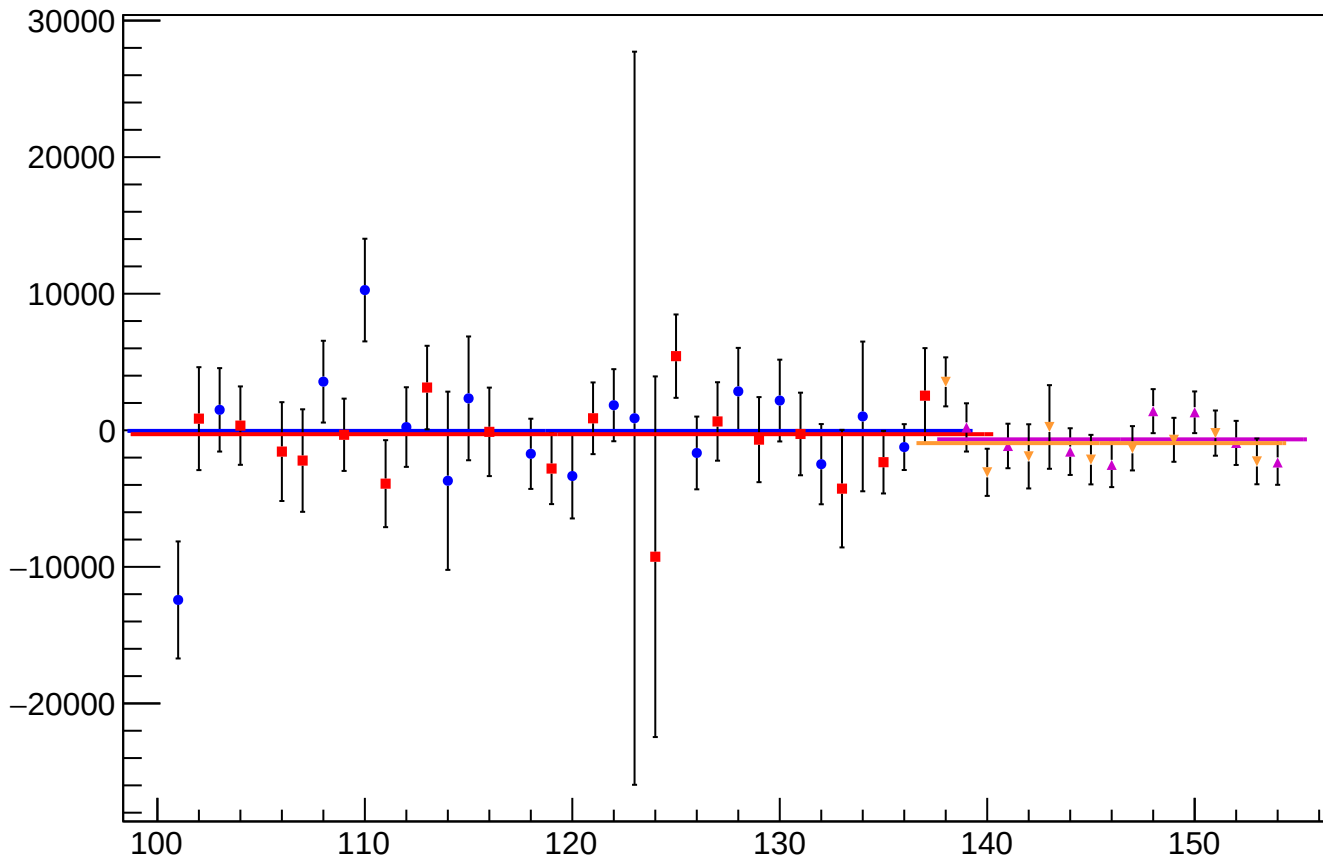
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 790.618+/-0.162 χ^2/NDF : 2693727.2/24

Out: 819.725+/-0.167 χ^2/NDF : 3150777.7/26

All: 804.685+/-0.116 χ^2/NDF : 5860163.4/51

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -939.925 ± 605.639 χ^2/NDF : 9.5/8

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -663.623 ± 578.621 χ^2/NDF : 6.3/7

Left: -795.474 ± 418.372 χ^2/NDF : 15.9/16

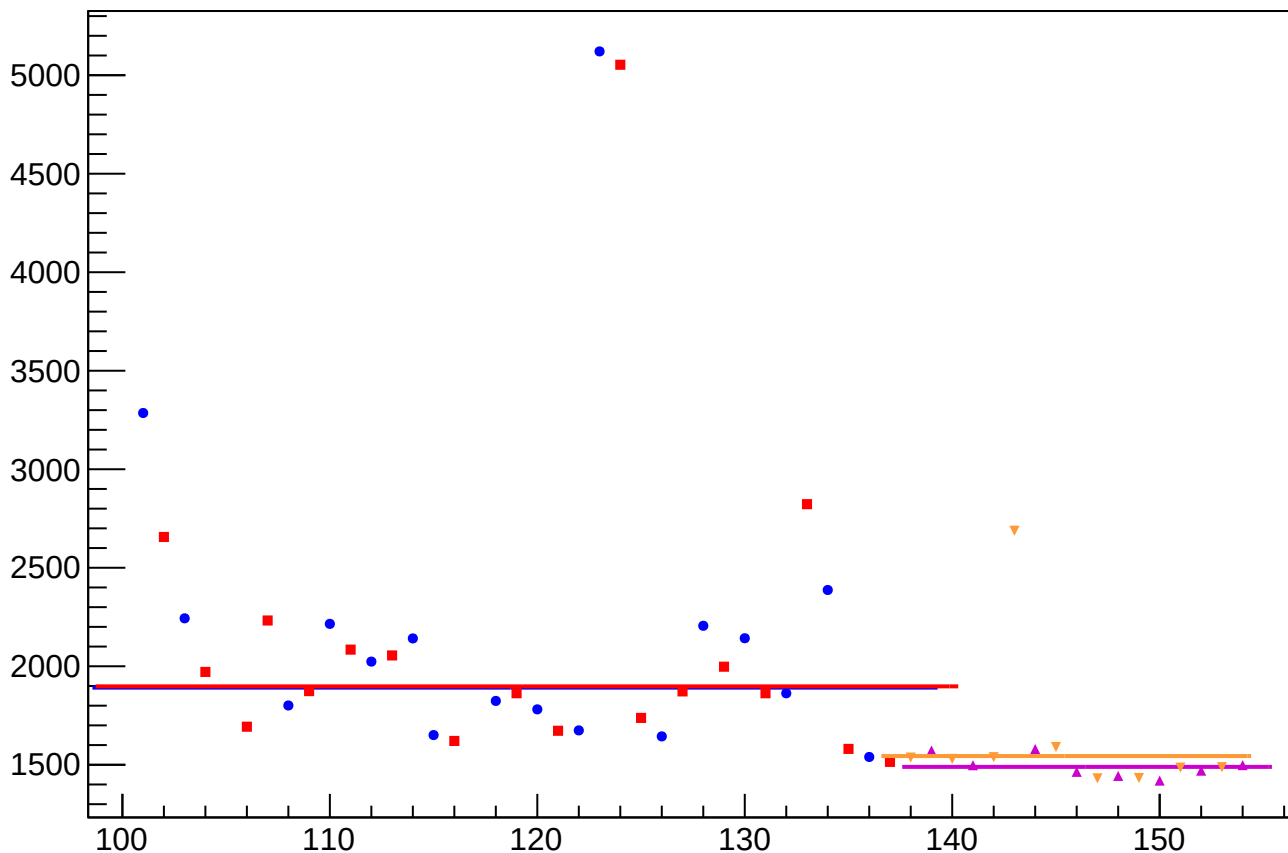
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -431.632 ± 457.576 χ^2/NDF : 30.0/24

Out: -675.393 ± 467.504 χ^2/NDF : 20.5/26

All: -550.897 ± 327.009 χ^2/NDF : 50.7/51

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: 1544.257 $\pm$ 0.428 χ^2 /NDF:304421.8/8

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

Left In: 1489.332 $\pm$ 0.409 χ^2 /NDF:16707.8/7

Left: 1515.542 $\pm$ 0.296 χ^2 /NDF: 329729.3/16

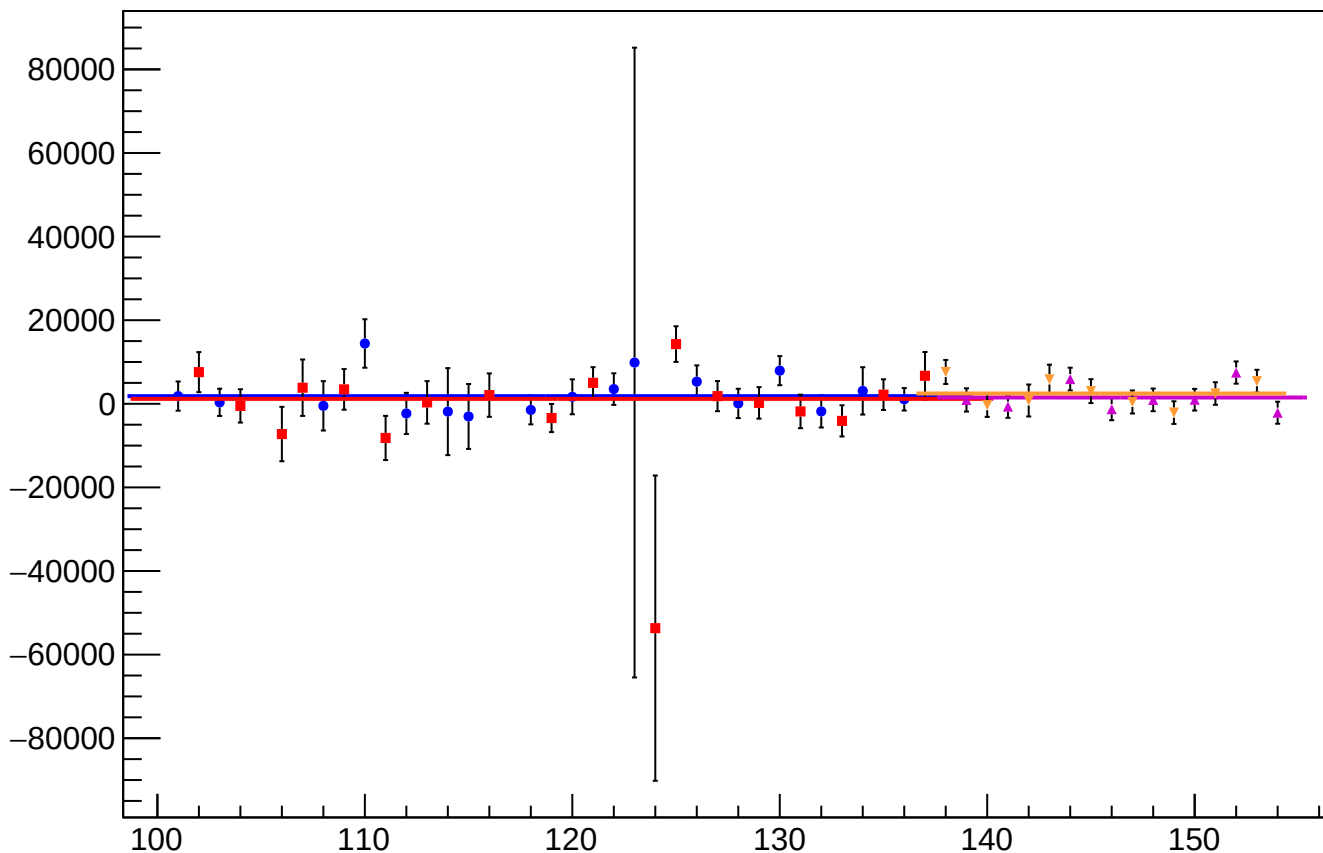
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1640.060 $\pm$ 0.324 χ^2 /NDF:848059.5/24

Out: 1687.226 $\pm$ 0.331 χ^2 /NDF:1003885.3/26

All: 1663.137 $\pm$ 0.231 χ^2 /NDF: 1862341.9/51

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2463.242 $\pm$ 971.917 χ^2 /NDF:9.9/8

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1505.188 $\pm$ 947.426 χ^2 /NDF:11.5/7

Left: 1971.992 $\pm$ 678.425 χ^2 /NDF: 21.8/16

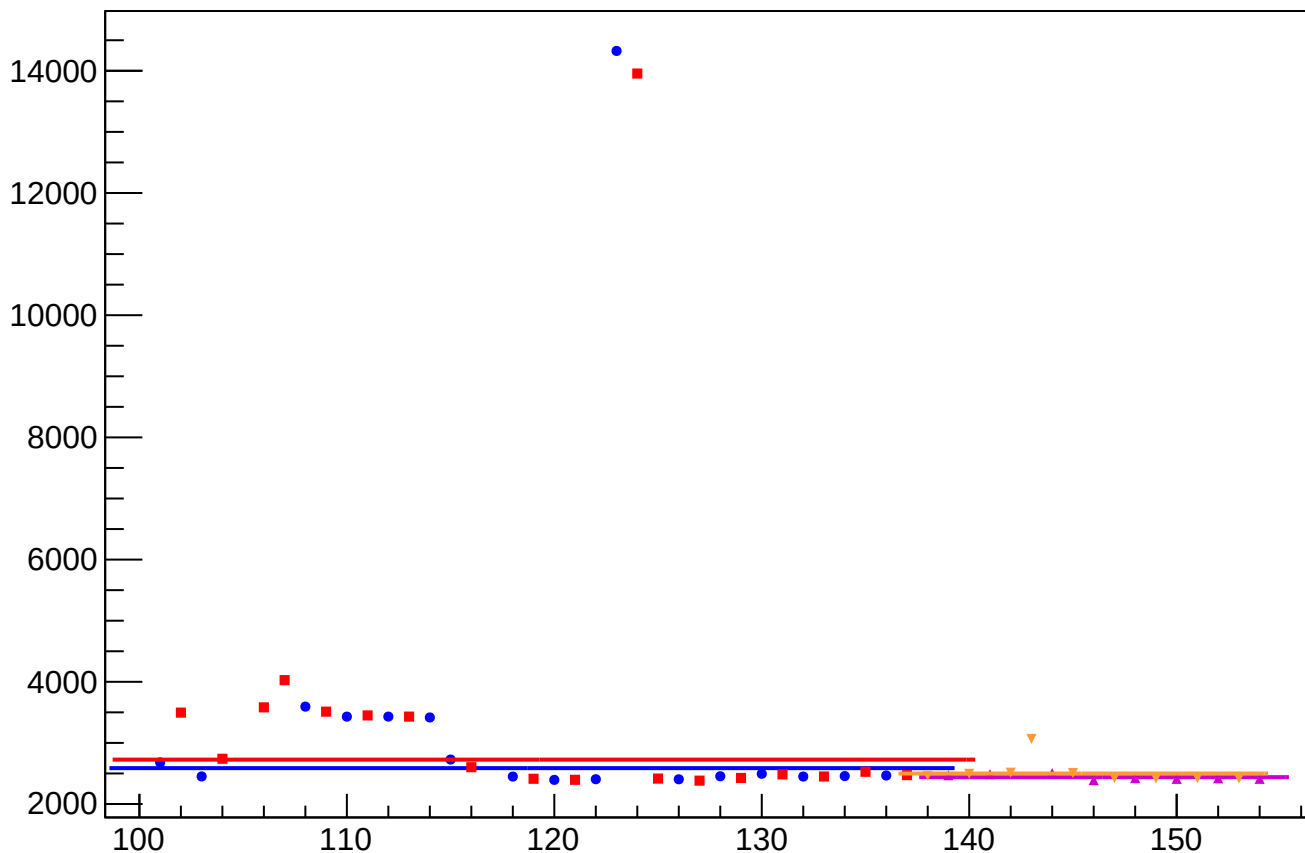
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1654.874 $\pm$ 691.048 χ^2 /NDF:24.1/24

Out: 1872.351 $\pm$ 713.234 χ^2 /NDF:36.1/26

All: 1760.178 $\pm$ 496.303 χ^2 /NDF: 60.3/51

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2499.104+/-0.687 χ^2/NDF : 58789.3/8

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2439.786+/-0.670 χ^2/NDF : 3409.4/7

Left: 2468.688+/-0.480 χ^2/NDF : 66018.5/16

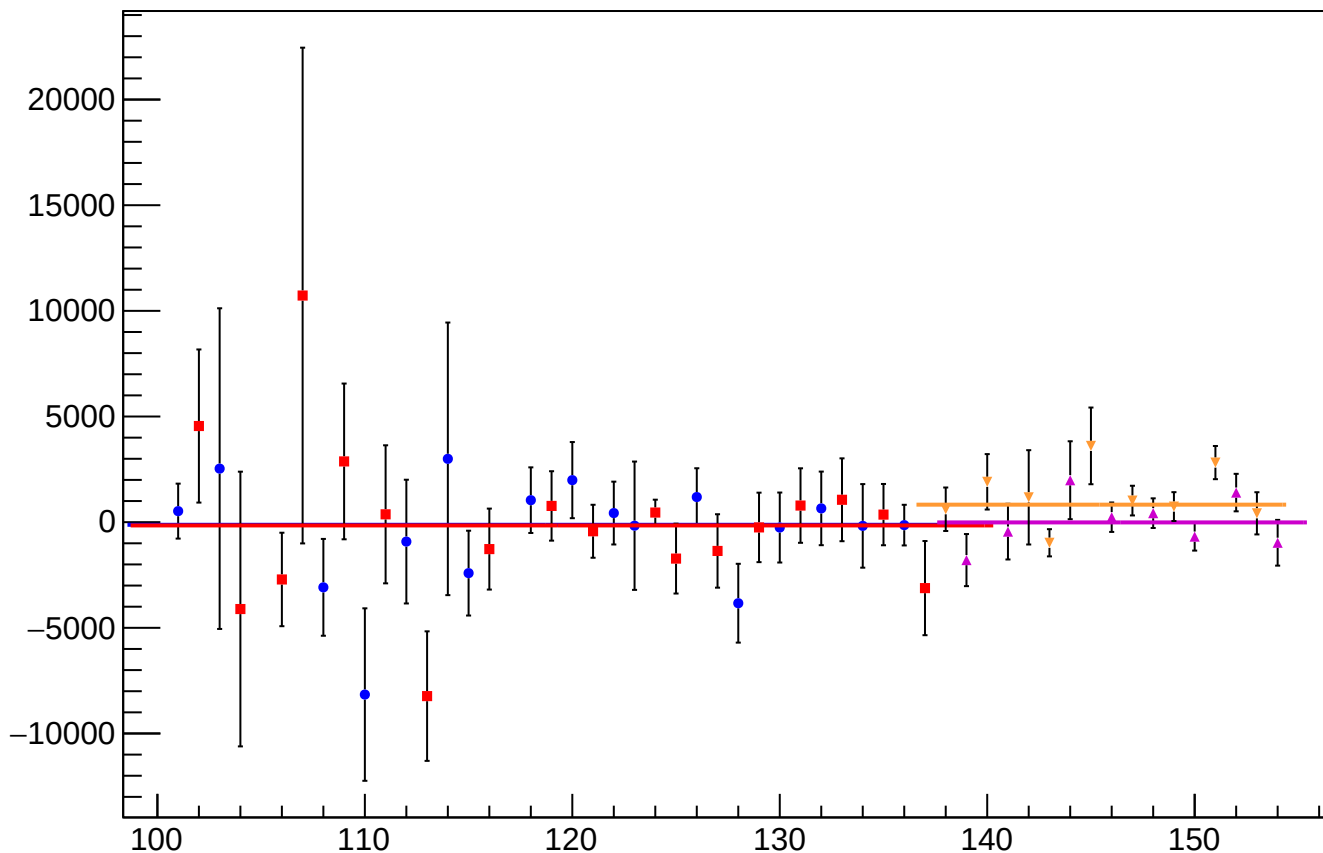
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2508.669+/-0.489 χ^2/NDF : 280113.2/24

Out: 2604.022+/-0.504 χ^2/NDF : 690142.7/26

All: 2554.839+/-0.351 χ^2/NDF : 988693.6/51

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 828.544+/-298.296 χ^2/NDF : 17.6/8

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -11.640+/-315.819 χ^2/NDF : 8.2/7

Left: 432.408+/-216.857 χ^2/NDF : 29.6/16

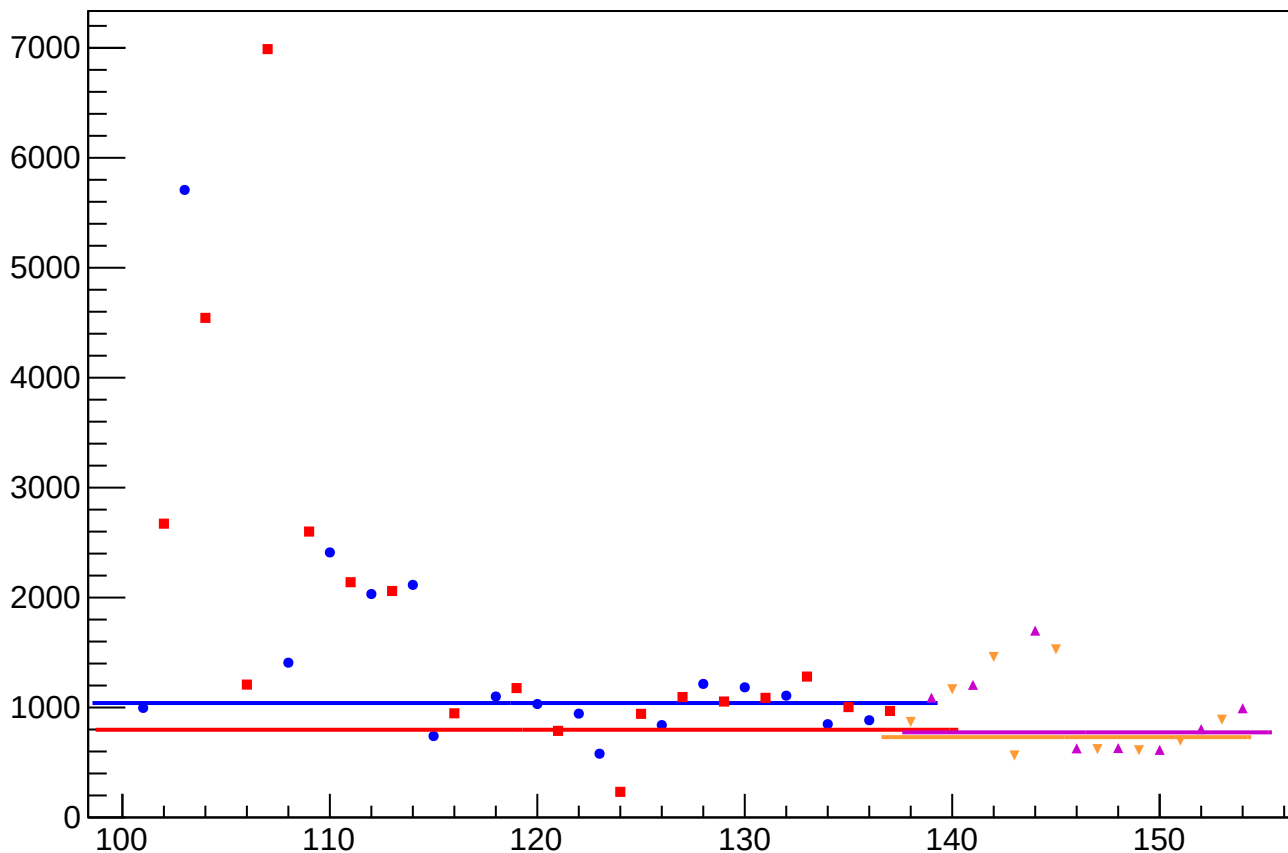
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -51.087+/-254.699 χ^2/NDF : 23.0/24

Out: 454.835+/-234.855 χ^2/NDF : 39.3/26

All: 222.348+/-172.657 χ^2/NDF : 64.4/51

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 730.460+/-0.211 χ^2/NDF : 1154211.6/8

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 774.110+/-0.223 χ^2/NDF : 1219068.7/7

Left: 751.040+/-0.153 χ^2/NDF : 2393472.0/16

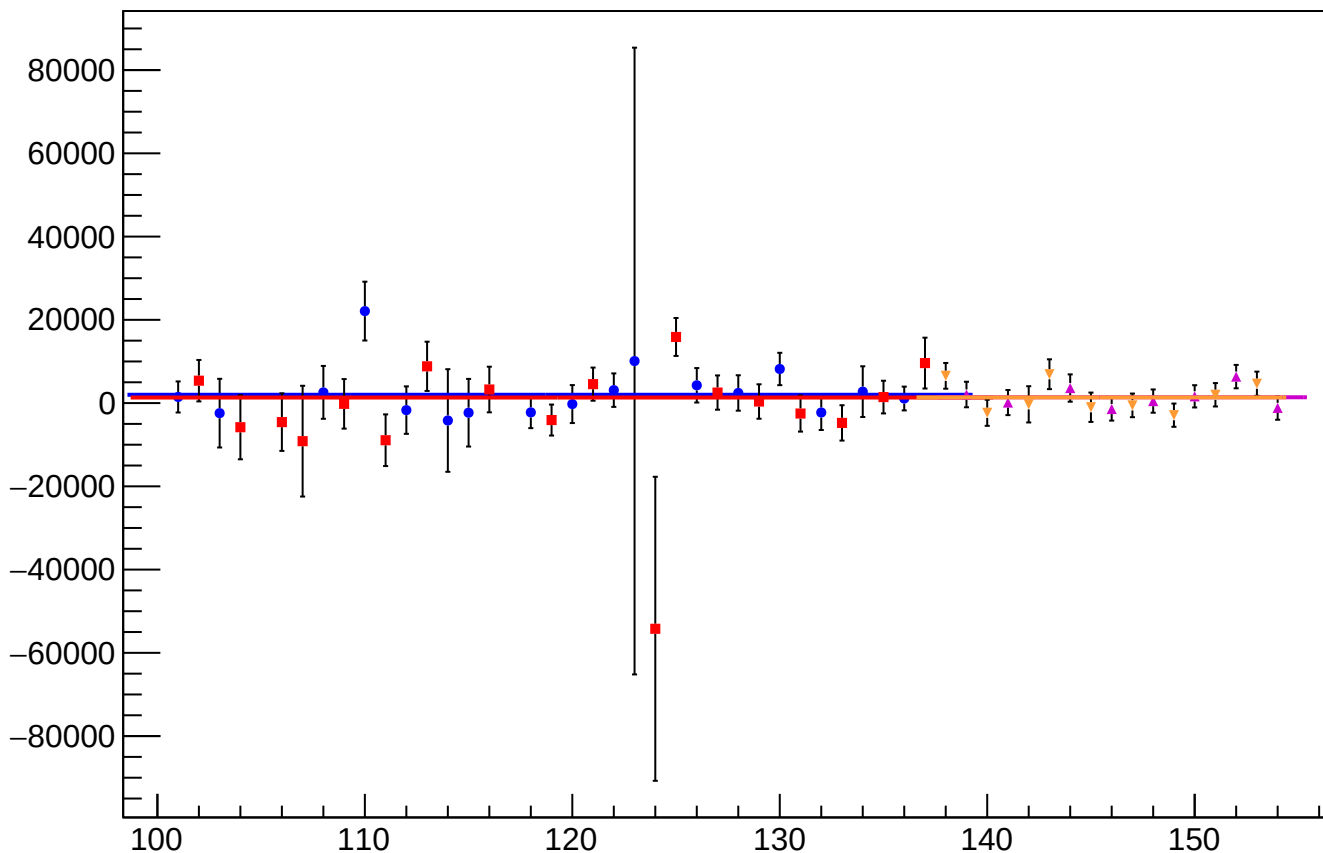
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 867.333+/-0.180 χ^2/NDF : 3290549.6/24

Out: 756.031+/-0.166 χ^2/NDF : 6367209.5/26

All: 807.178+/-0.122 χ^2/NDF : 9864177.4/51

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1370.034+/-1045.480 χ^2/NDF : 11.3/8

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1399.723+/-1022.754 χ^2/NDF : 5.8/7

Left: 1385.205+/-731.099 χ^2/NDF : 17.1/16

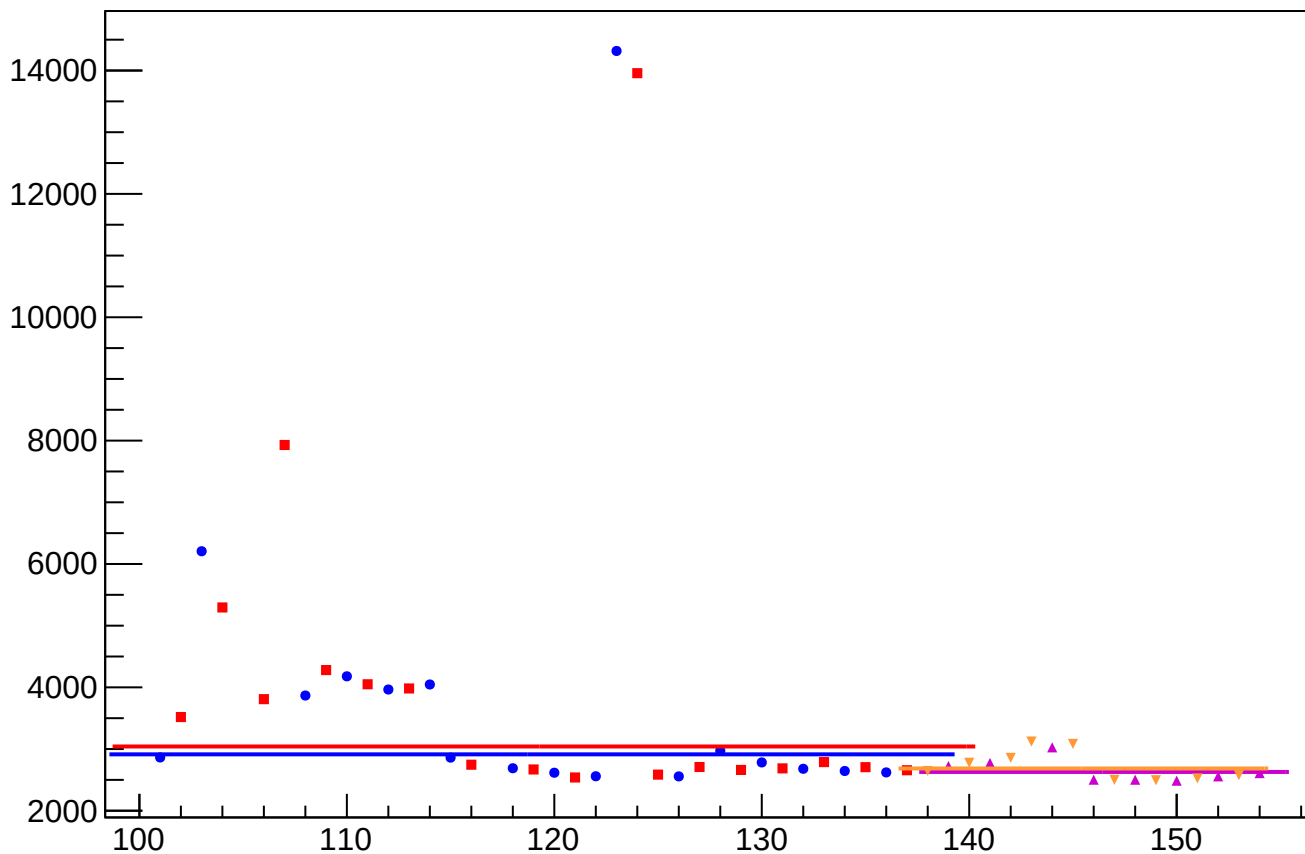
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1661.887+/-765.718 χ^2/NDF : 20.8/24

Out: 1355.533+/-786.488 χ^2/NDF : 38.8/26

All: 1512.808+/-548.641 χ^2/NDF : 59.7/51

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2684.641+/-0.739 χ^2/NDF : 87551.5/8

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2628.427+/-0.723 χ^2/NDF : 51363.8/7

Left: 2655.917+/-0.517 χ^2/NDF : 141869.9/16

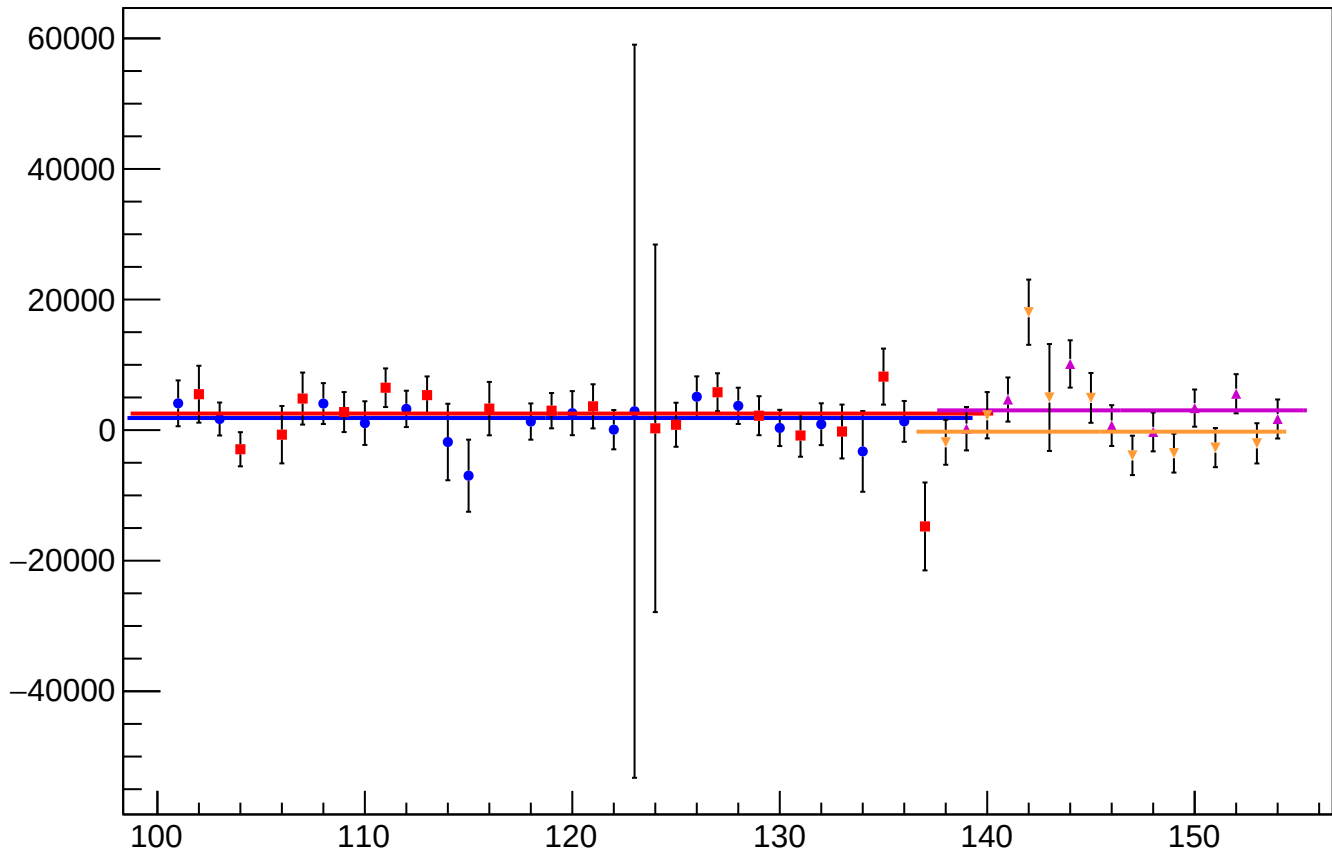
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2753.874+/-0.541 χ^2/NDF : 758814.5/24

Out: 2839.429+/-0.556 χ^2/NDF : 1192130.0/26

All: 2795.507+/-0.388 χ^2/NDF : 1963094.4/51

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: -238.057+/-1173.002 χ^2/NDF :20.1/8

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 3025.899+/-1107.567 χ^2/NDF :7.5/7

Left: 1487.495+/-805.308 χ^2/NDF : 31.7/16

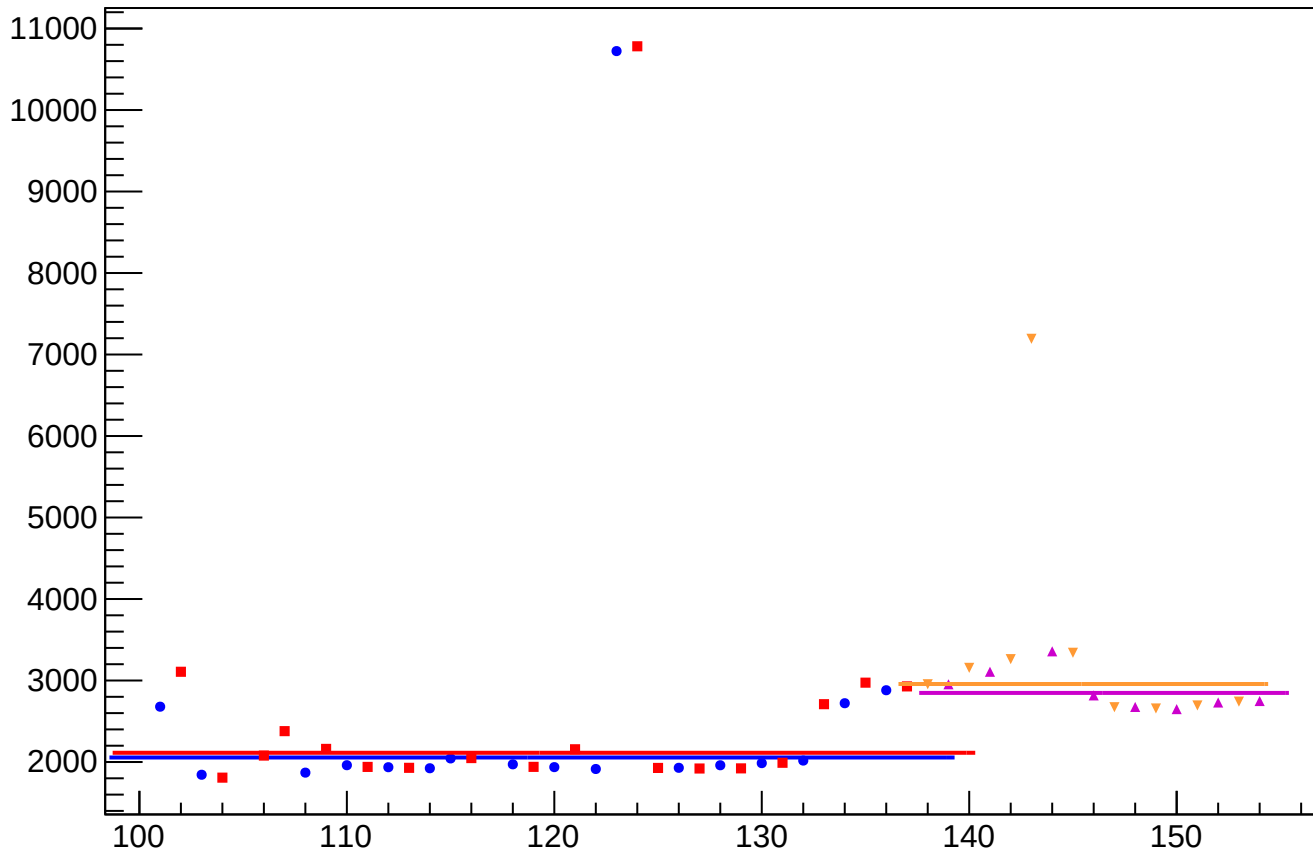
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2257.688+/-652.104 χ^2/NDF :15.5/24

Out: 1625.818+/-671.693 χ^2/NDF :43.8/26

All: 1951.102+/-467.879 χ^2/NDF : 59.8/51

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2 /NDF: 316383.7/16

Left Out: 2957.128 $\pm$ 0.829 χ^2 /NDF:632670.0/8

Right Out: 2113.304 $\pm$ 0.578 χ^2 /NDF: 532006.4/17

Left In: 2847.736 $\pm$ 0.783 χ^2 /NDF:75325.3/7

Left: 2899.296 $\pm$ 0.569 χ^2 /NDF: 717191.0/16

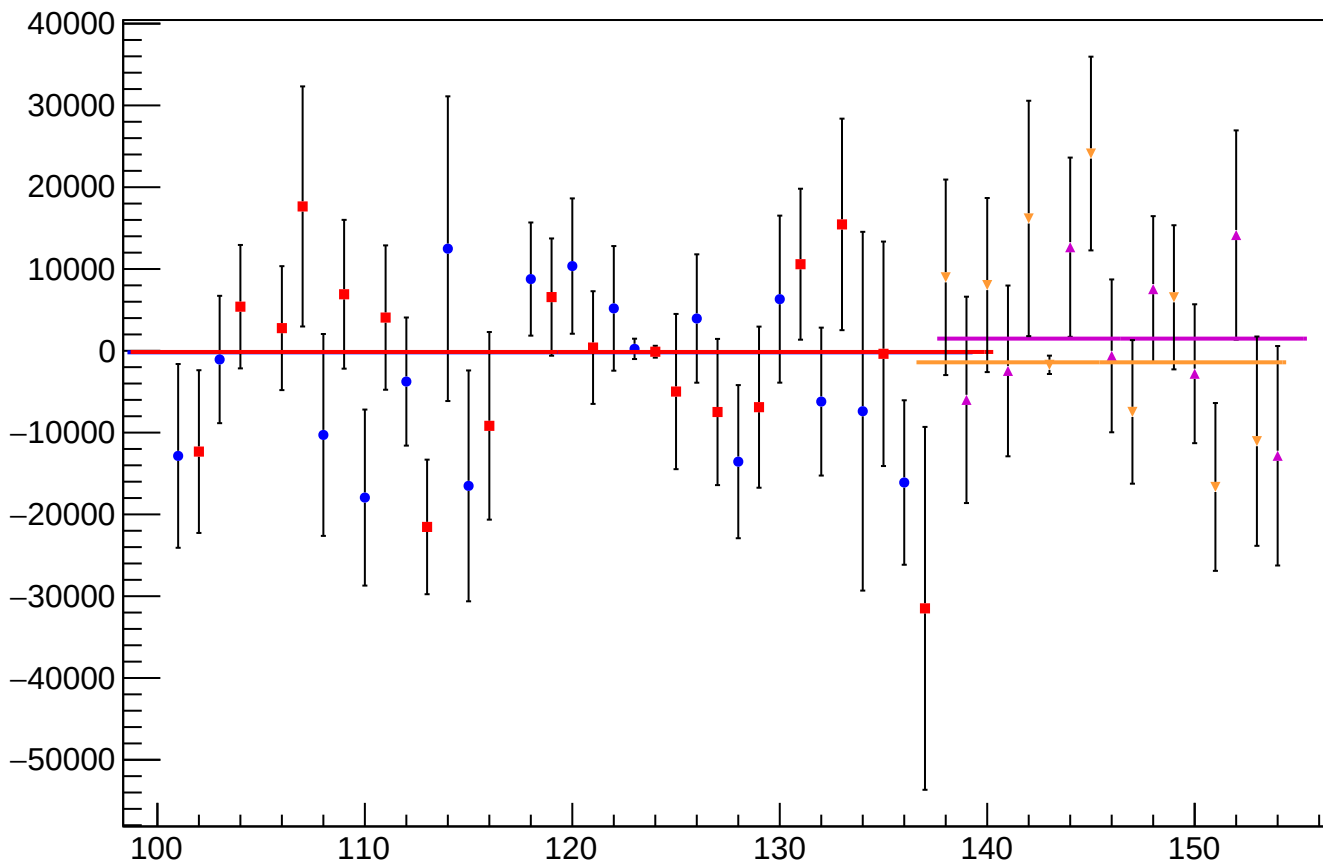
Right: 2083.972 $\pm$ 0.406 χ^2 /NDF: 853461.4/34

In: 2330.095 $\pm$ 0.461 χ^2 /NDF:1060364.6/24

Out: 2389.437 $\pm$ 0.474 χ^2 /NDF:1860975.4/26

All: 2358.918 $\pm$ 0.331 χ^2 /NDF: 2929384.4/51

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1406.757+/-1076.307 χ^2/NDF : 11.8/8

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

Left In: 1489.852+/-3692.361 χ^2/NDF : 4.4/7

Left: -1179.908+/-1033.302 χ^2/NDF : 16.8/16

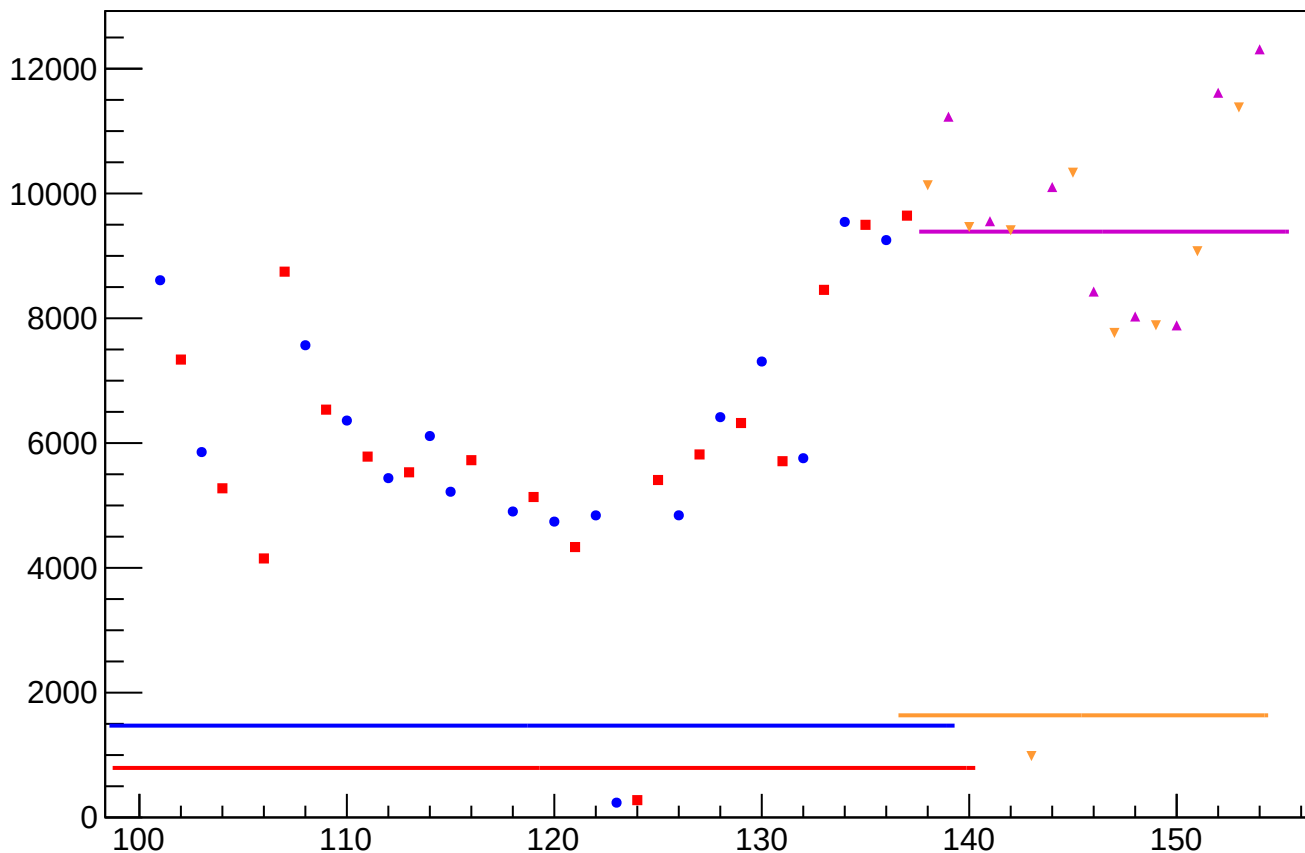
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -48.519+/-1054.899 χ^2/NDF : 21.0/24

Out: -511.087+/-581.466 χ^2/NDF : 31.8/26

All: -403.296+/-509.230 χ^2/NDF : 52.9/51

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 1636.865+/-0.761 χ^2/NDF : 8623005.1/8

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9388.515+/-2.611 χ^2/NDF : 337378.6/7

Left: 2243.937+/-0.731 χ^2/NDF : 17084803.4/16

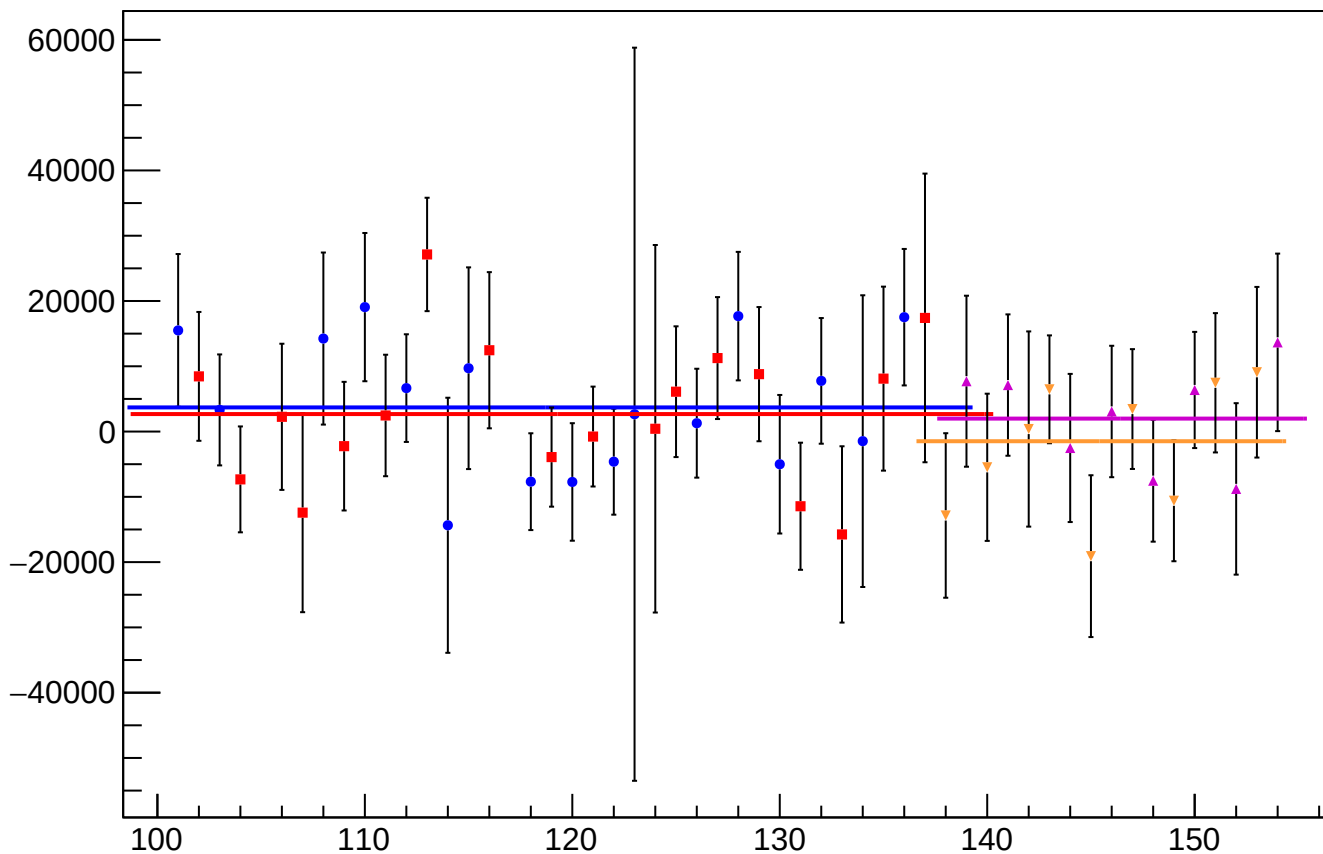
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2117.811+/-0.746 χ^2/NDF : 18569737.5/24

Out: 1039.758+/-0.411 χ^2/NDF : 20914835.7/26

All: 1290.974+/-0.360 χ^2/NDF : 41086596.2/5

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -1481.390+/-3581.757 χ^2/NDF : 6.5/8

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 1984.643+/-3854.929 χ^2/NDF : 3.3/7

Left: 124.480+/-2623.948 χ^2/NDF : 10.2/16

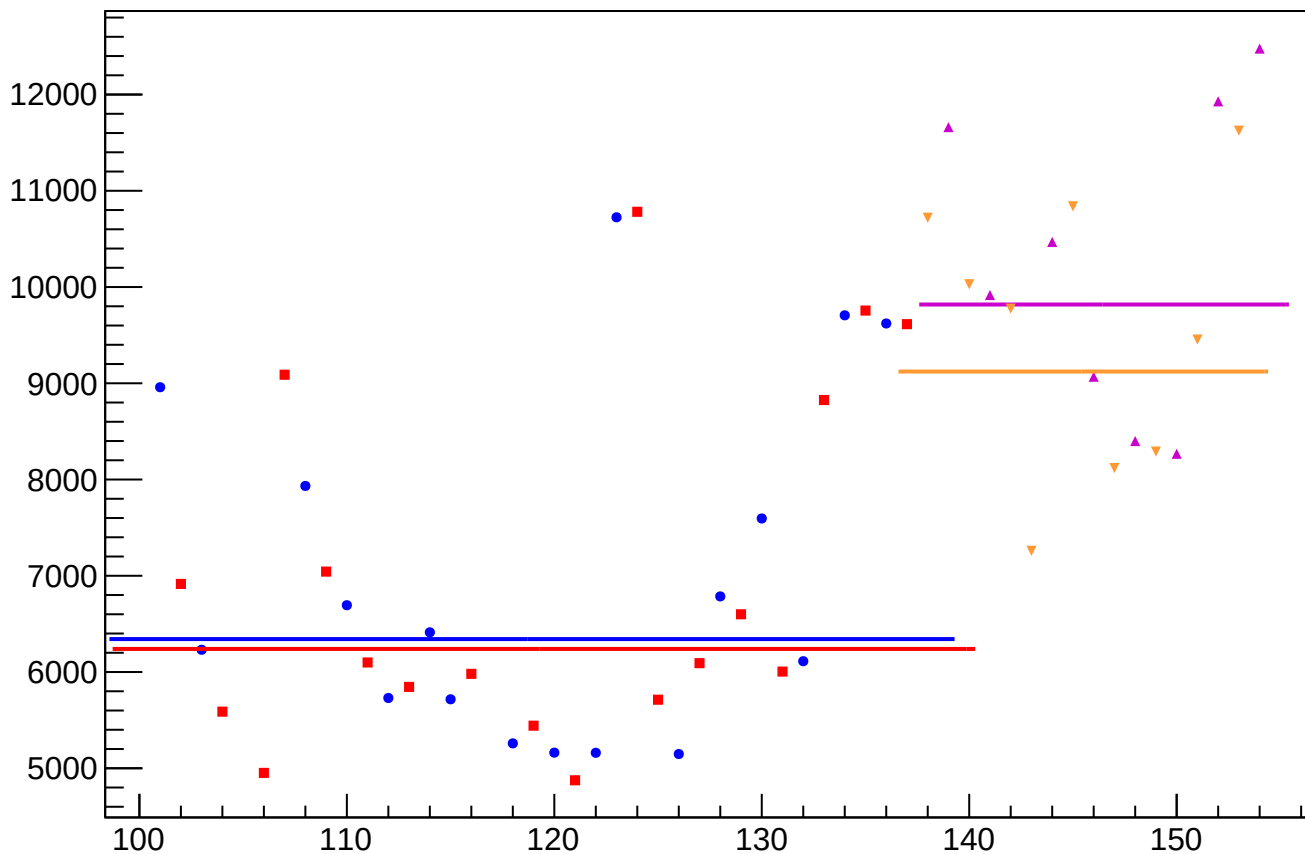
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3185.925+/-2108.093 χ^2/NDF : 17.8/24

Out: 1368.979+/-2010.124 χ^2/NDF : 26.0/26

All: 2234.253+/-1454.774 χ^2/NDF : 44.2/51

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 9122.058 $\pm$ 2.533 χ^2/NDF :304194.7/8

Right Out: 6239.726 $\pm$ 1.717 χ^2/NDF : 529243.7/17

Left In: 9818.427 $\pm$ 2.726 χ^2/NDF :292470.9/7

Left: 9444.697 $\pm$ 1.855 χ^2/NDF : 631692.0/16

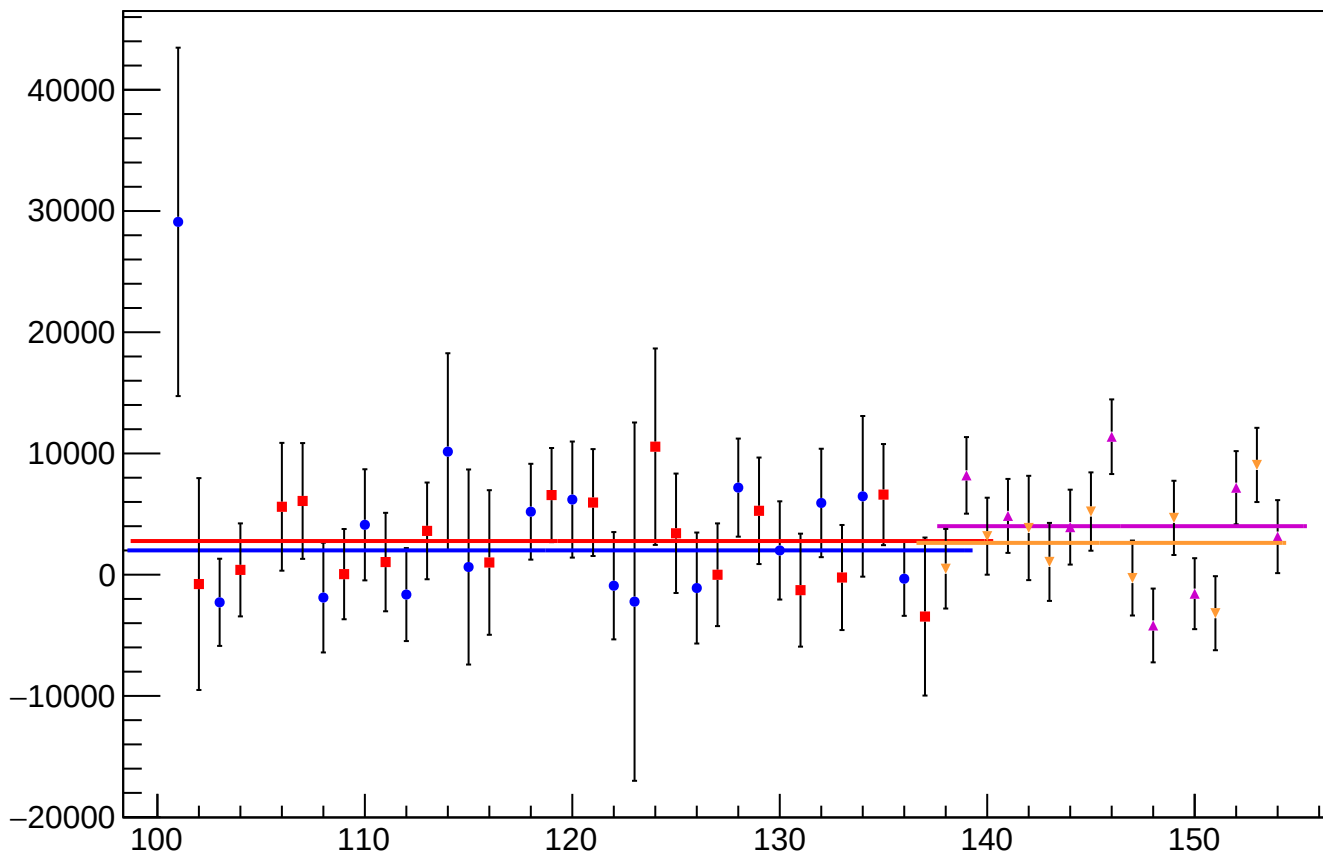
Right: 6289.173 $\pm$ 1.236 χ^2/NDF : 1124633.0/34

In: 7381.855 $\pm$ 1.491 χ^2/NDF :2026045.3/24

Out: 7147.484 $\pm$ 1.421 χ^2/NDF :1720707.1/26

All: 7259.094 $\pm$ 1.029 χ^2/NDF : 3759700.8/51

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2623.999 $\pm$ 1076.095 χ^2 /NDF:10.8/8

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 4001.833 $\pm$ 1076.727 χ^2 /NDF:19.6/7

Left: 3312.511 $\pm$ 761.137 χ^2 /NDF: 31.2/16

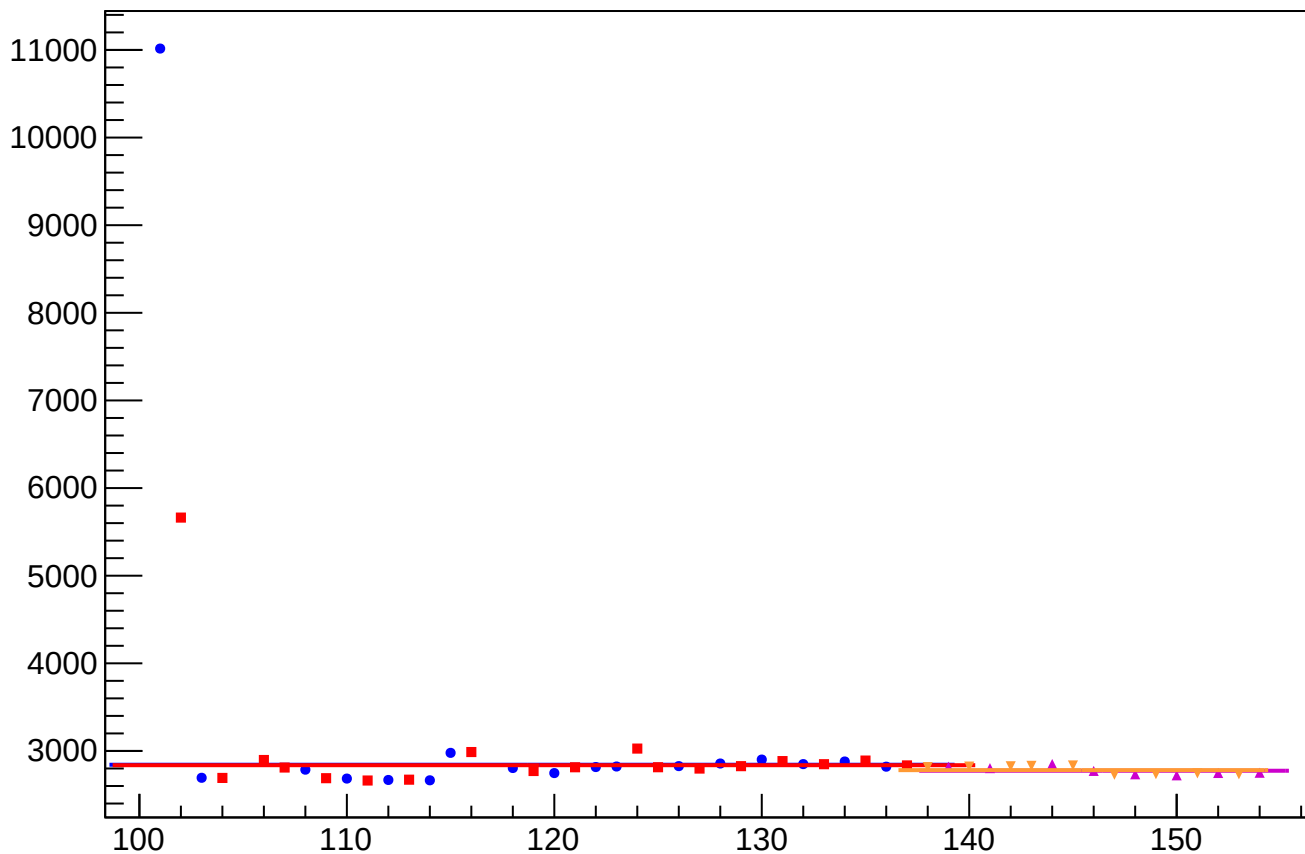
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3047.362 $\pm$ 778.010 χ^2 /NDF:35.0/24

Out: 2699.267 $\pm$ 764.675 χ^2 /NDF:19.1/26

All: 2870.306 $\pm$ 545.360 χ^2 /NDF: 54.2/51

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2780.933+/-0.761 χ^2/NDF : 3585.2/8

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2774.134+/-0.761 χ^2/NDF : 3112.6/7

Left: 2777.535+/-0.538 χ^2/NDF : 6737.7/16

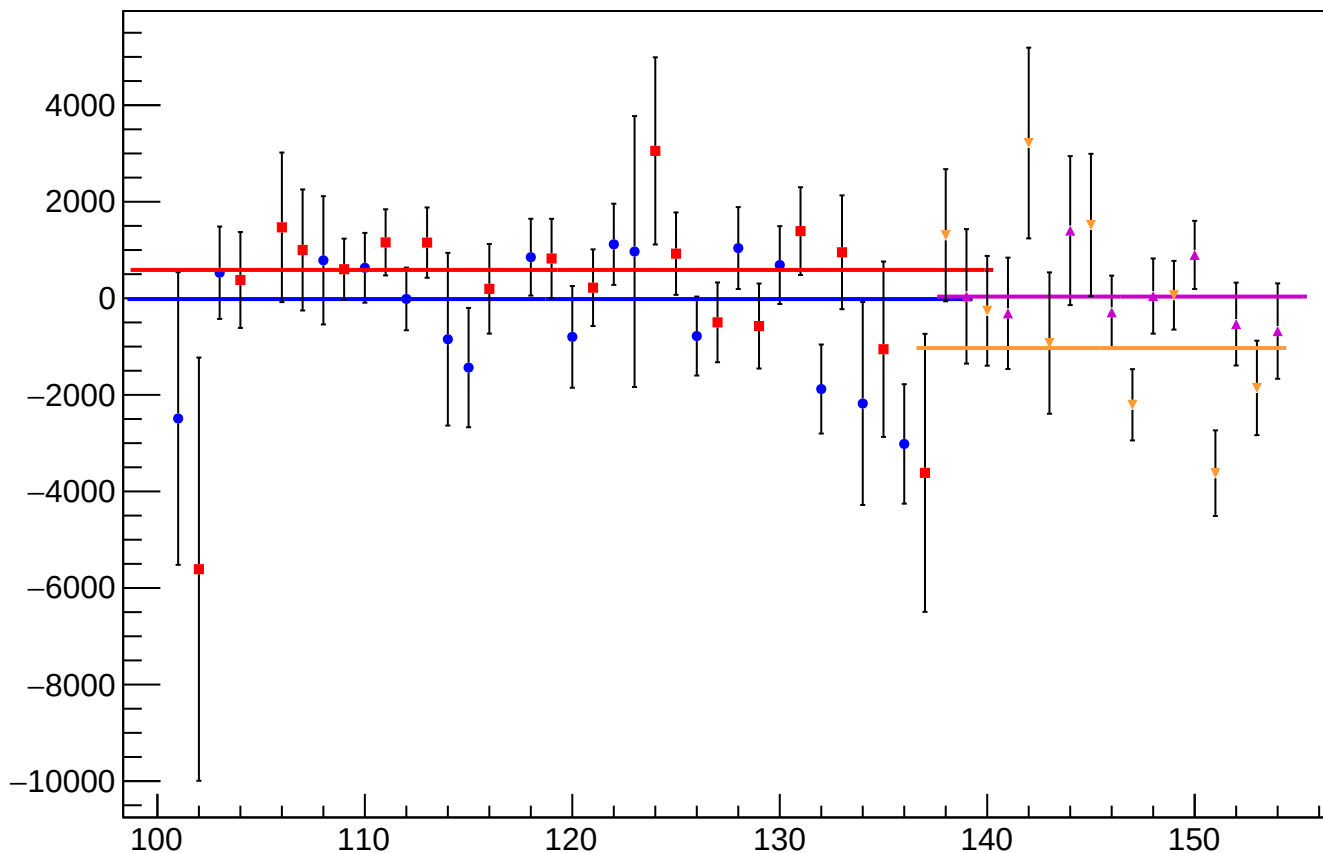
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2806.867+/-0.550 χ^2/NDF : 667285.5/24

Out: 2808.906+/-0.541 χ^2/NDF : 232737.1/26

All: 2807.904+/-0.386 χ^2/NDF : 900029.6/51

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1030.363 $\pm$ 340.590 χ^2/NDF : 25.2/8

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 35.623 $\pm$ 325.155 χ^2/NDF : 3.5/7

Left: -472.669 $\pm$ 235.187 χ^2/NDF : 33.8/16

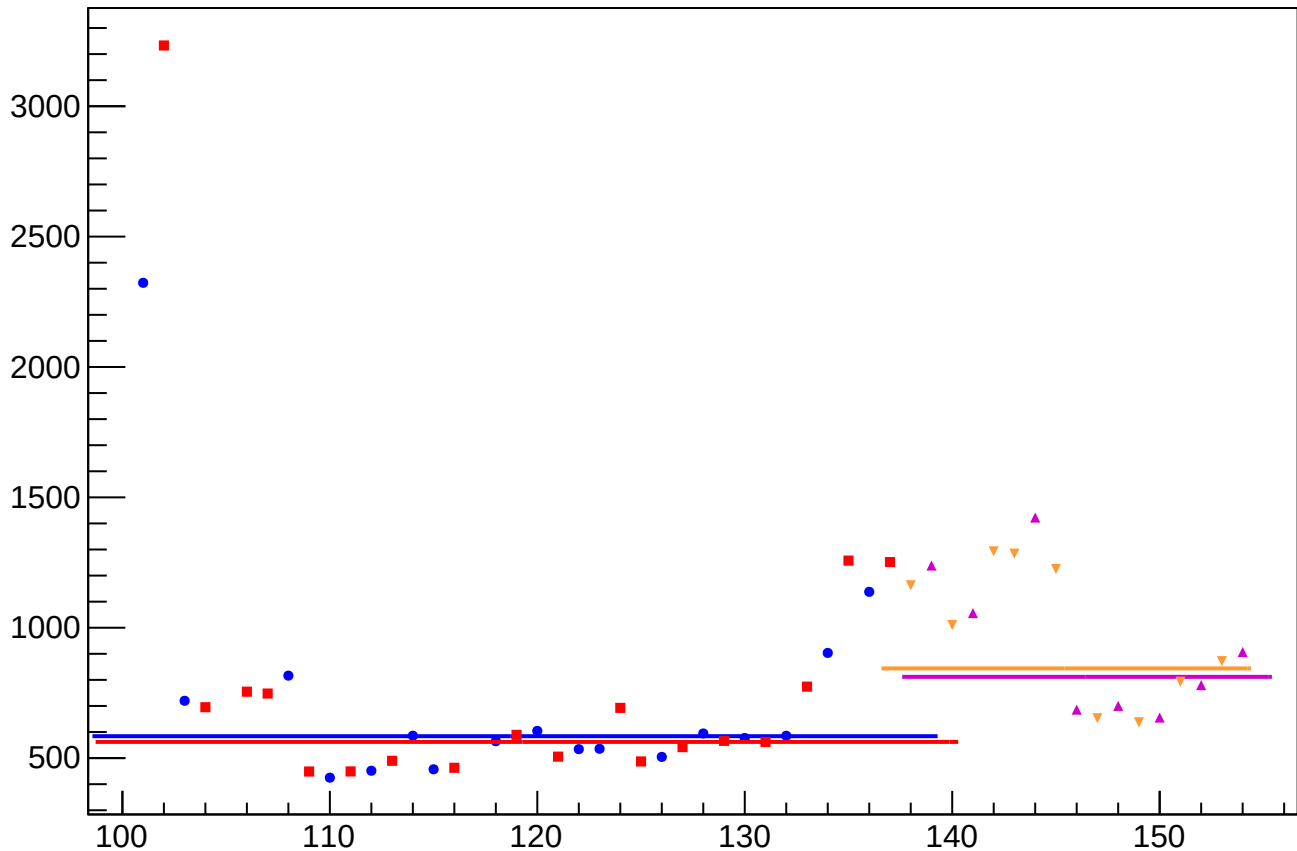
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 2.334 $\pm$ 192.502 χ^2/NDF : 25.1/24

Out: 93.565 $\pm$ 188.204 χ^2/NDF : 54.2/26

All: 48.980 $\pm$ 134.574 χ^2/NDF : 79.4/51

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 843.968+/-0.241 χ^2/NDF : 880452.9/8

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 811.675+/-0.230 χ^2/NDF : 805984.7/7

Left: 827.073+/-0.166 χ^2/NDF : 1695844.1/16

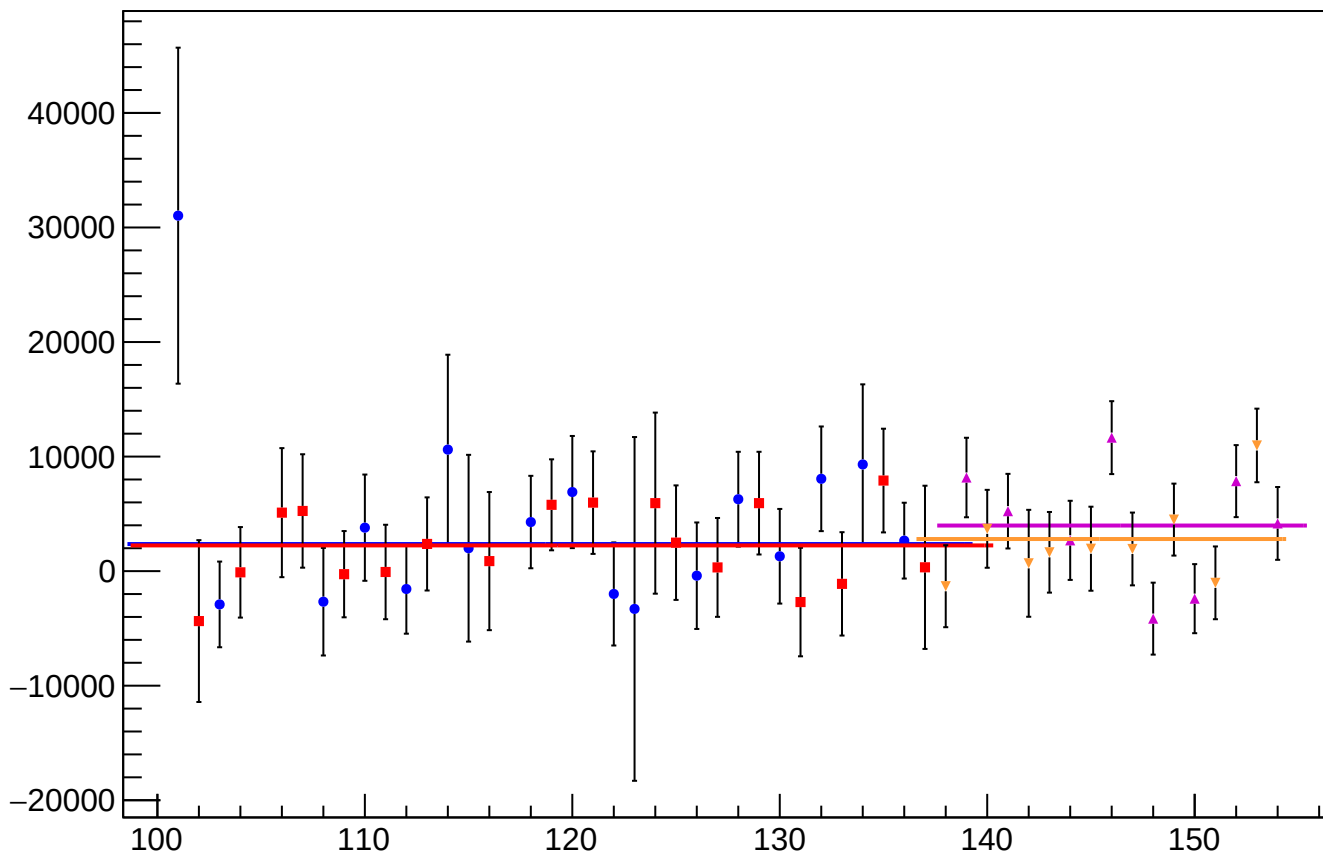
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 663.836+/-0.136 χ^2/NDF : 2879166.8/24

Out: 648.183+/-0.133 χ^2/NDF : 3357138.8/26

All: 655.833+/-0.095 χ^2/NDF : 6243067.2/51

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 2803.012+/-1145.680 χ^2/NDF :10.0/8

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 3980.222+/-1138.556 χ^2/NDF :20.3/7

Left: 3395.289+/-807.588 χ^2/NDF : 30.8/16

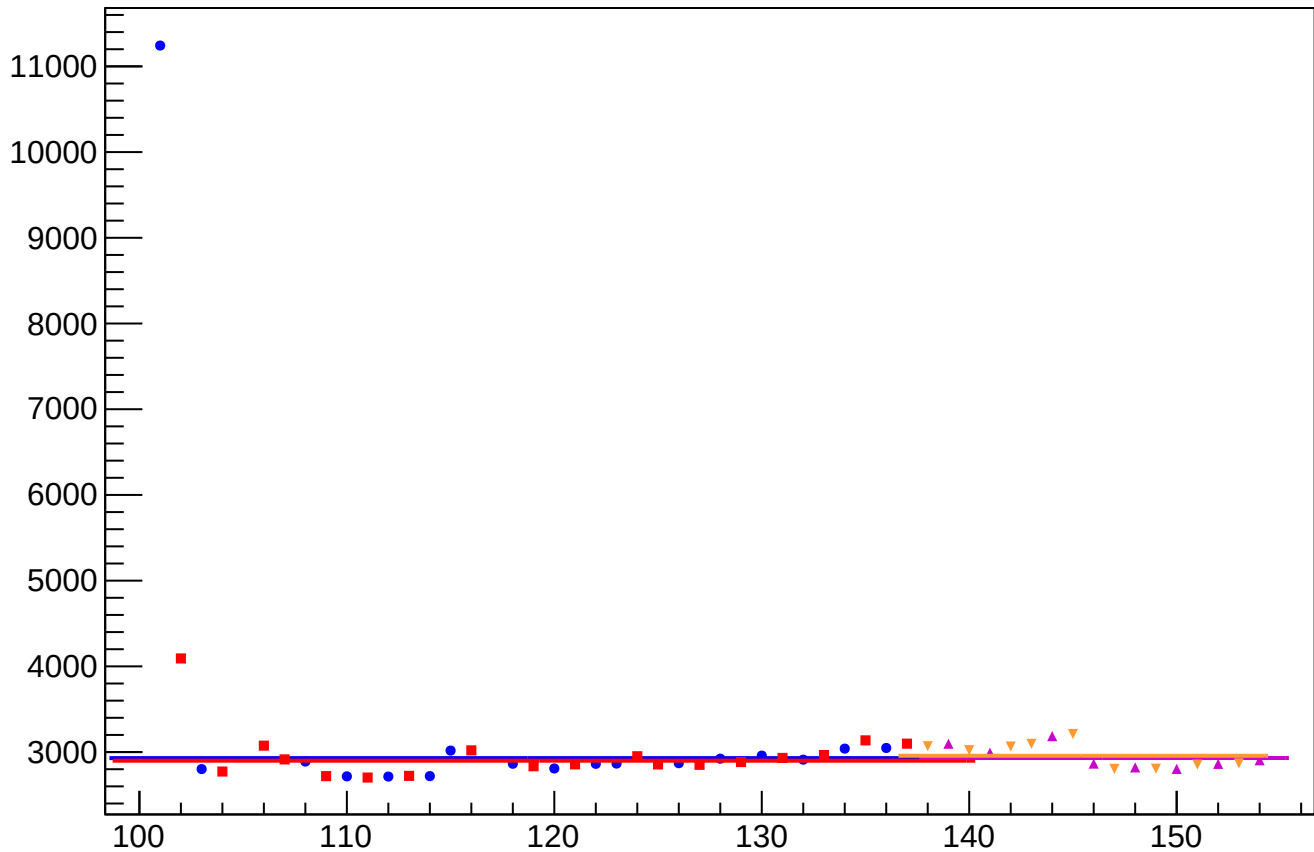
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 3186.559+/-812.537 χ^2/NDF :36.3/24

Out: 2515.878+/-797.920 χ^2/NDF :18.7/26

All: 2845.132+/-569.312 χ^2/NDF : 55.4/51

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2957.155+/-0.810 χ^2/NDF : 29346.6/8

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2930.983+/-0.805 χ^2/NDF : 24189.1/7

Left: 2943.988+/-0.571 χ^2/NDF : 54060.8/16

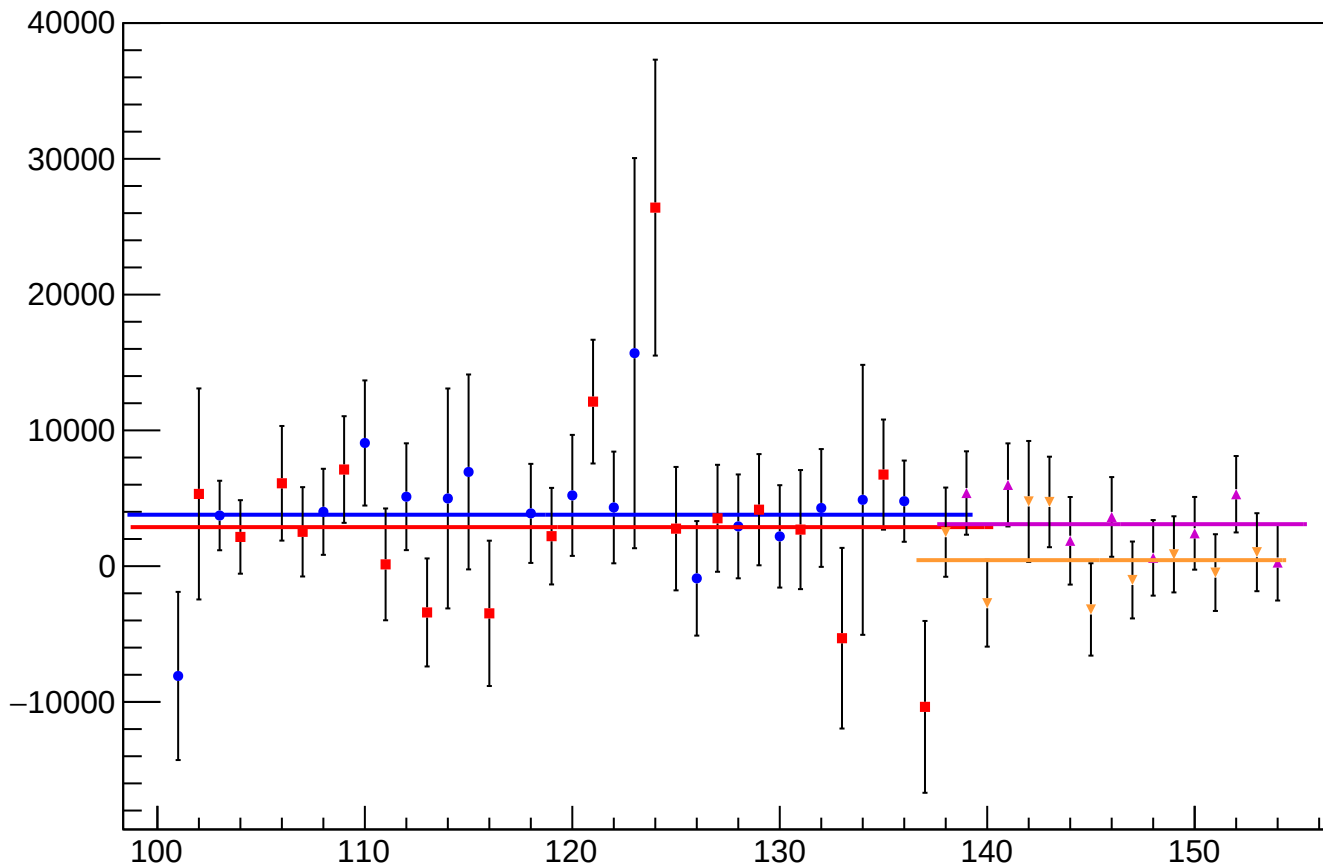
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2930.331+/-0.575 χ^2/NDF : 686819.5/24

Out: 2927.430+/-0.564 χ^2/NDF : 115504.1/26

All: 2928.854+/-0.403 χ^2/NDF : 802336.6/51

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 442.054 $\pm$ 1045.092 χ^2/NDF : 5.5/8

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3092.056 $\pm$ 1027.300 χ^2/NDF : 4.1/7

Left: 1789.805 $\pm$ 732.620 χ^2/NDF : 12.9/16

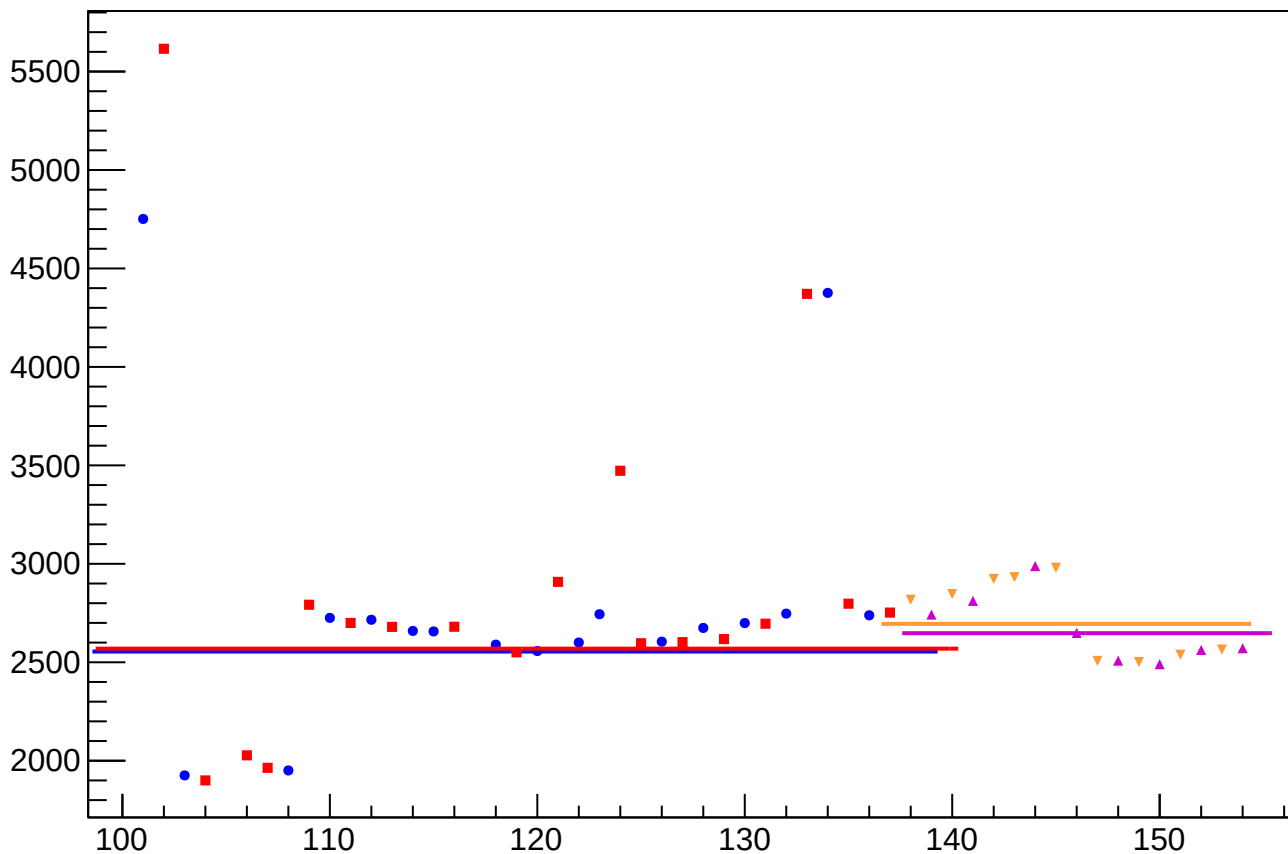
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3446.504 $\pm$ 719.534 χ^2/NDF : 12.1/24

Out: 1707.044 $\pm$ 724.056 χ^2/NDF : 30.4/26

All: 2582.223 $\pm$ 510.378 χ^2/NDF : 45.4/51

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2695.096 $\pm$ 0.739 χ^2 /NDF: 65293.5/8

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2647.765 $\pm$ 0.726 χ^2 /NDF: 45237.4/7

Left: 2671.024 $\pm$ 0.518 χ^2 /NDF: 112617.2/16

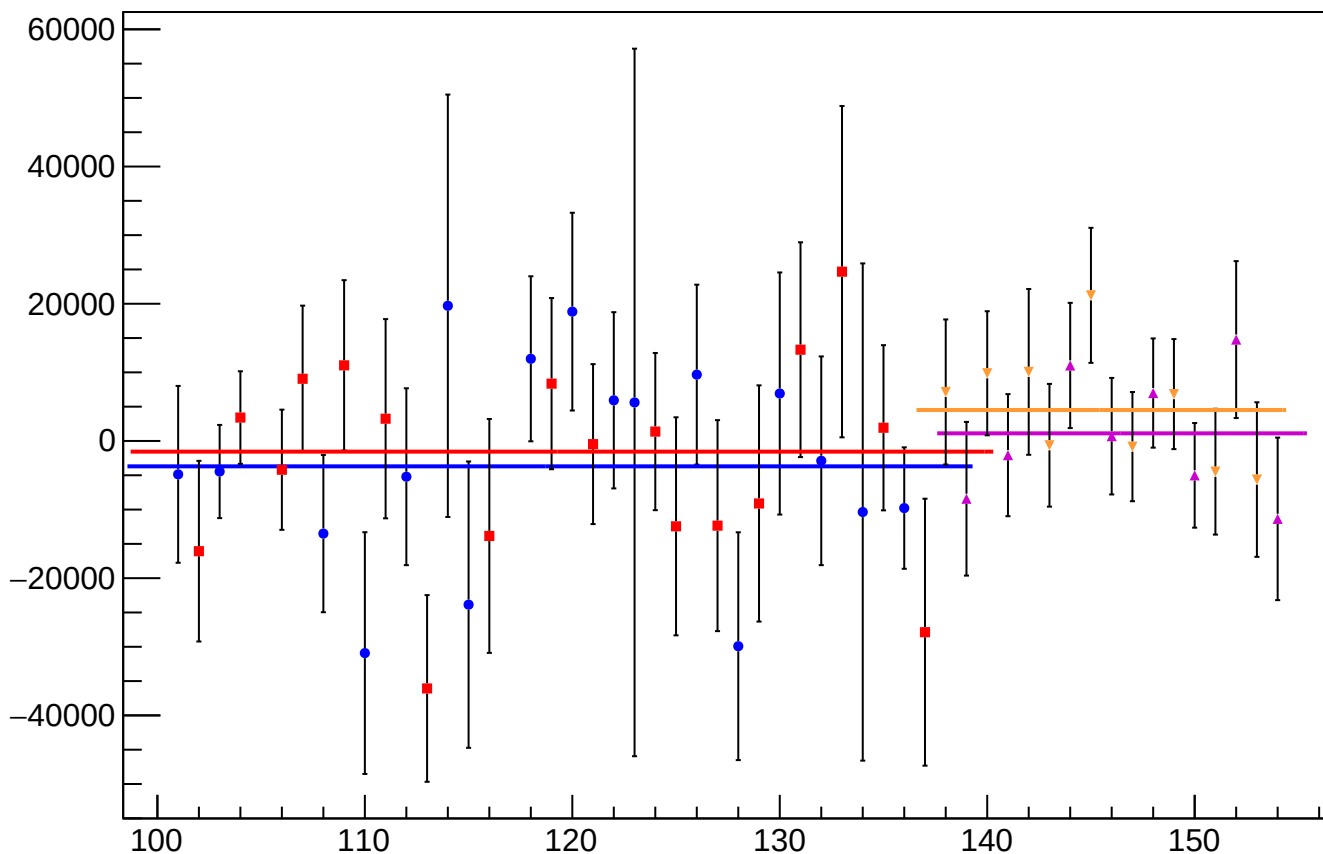
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2600.273 $\pm$ 0.509 χ^2 /NDF: 590254.4/24

Out: 2629.633 $\pm$ 0.512 χ^2 /NDF: 803710.1/26

All: 2614.864 $\pm$ 0.361 χ^2 /NDF: 1395619.4/51

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 4515.941 $\pm$ 3131.710 χ^2/NDF : 6.1/8

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 1109.697 $\pm$ 3257.701 χ^2/NDF : 5.8/7

Left: 2879.960 $\pm$ 2257.681 χ^2/NDF : 12.5/16

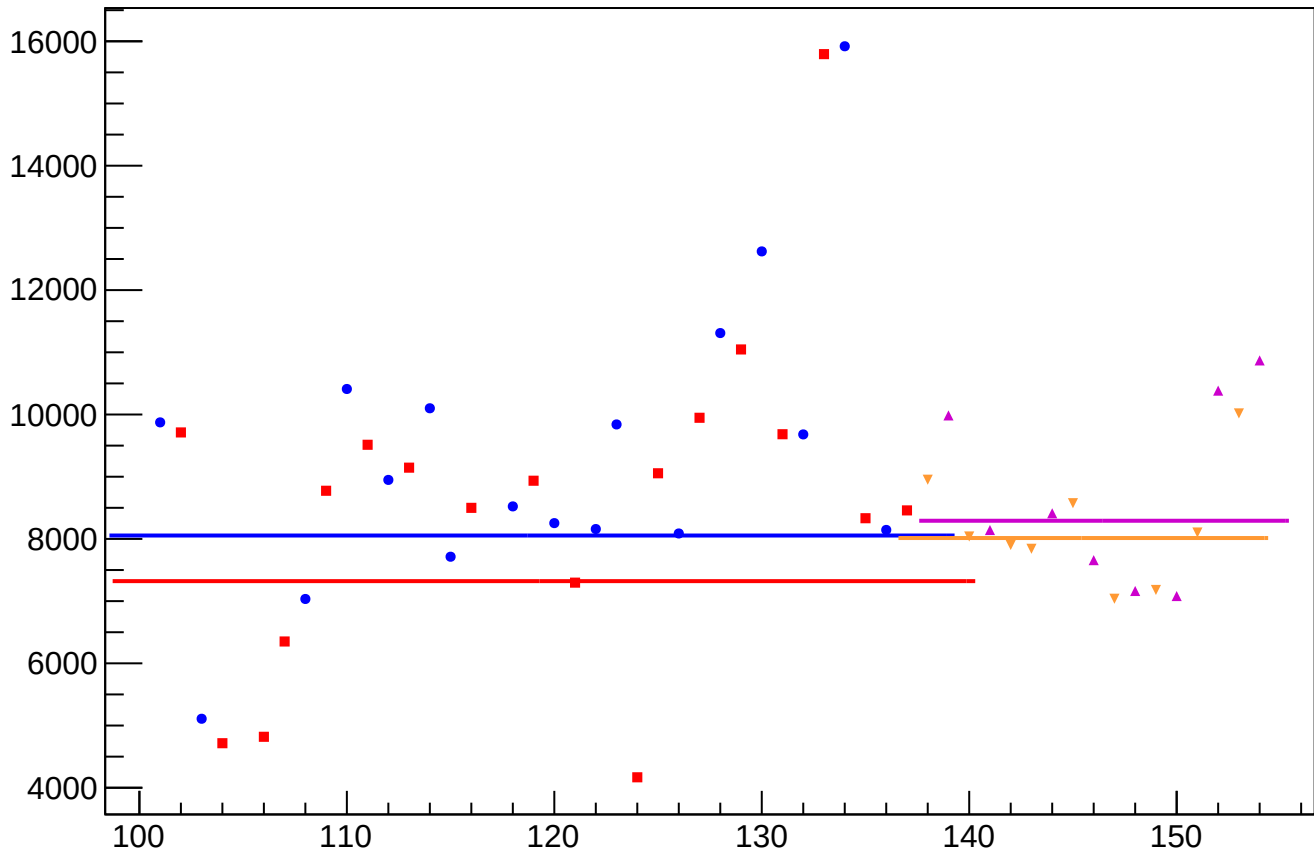
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -1324.513 $\pm$ 2289.321 χ^2/NDF : 20.7/24

Out: 1259.443 $\pm$ 2132.451 χ^2/NDF : 24.9/26

All: 59.020 $\pm$ 1560.383 χ^2/NDF : 46.3/51

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8014.360 $\pm$ 2.214 χ^2 /NDF:138314.5/8

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8292.112 $\pm$ 2.304 χ^2 /NDF:310001.1/7

Left: 8147.761 $\pm$ 1.596 χ^2 /NDF: 455871.5/16

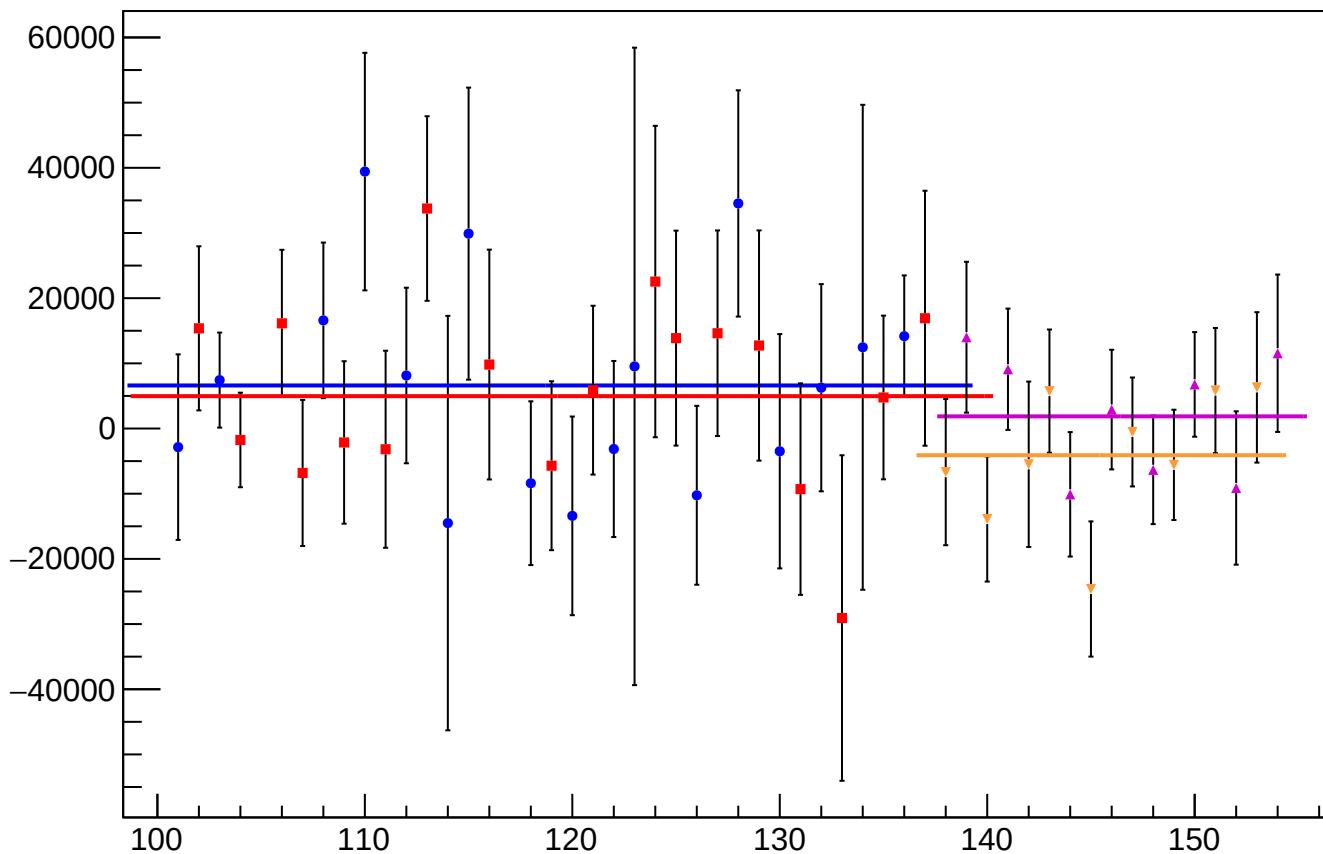
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8171.981 $\pm$ 1.619 χ^2 /NDF:1136137.6/24

Out: 7642.709 $\pm$ 1.508 χ^2 /NDF:1526787.1/26

All: 7888.592 $\pm$ 1.103 χ^2 /NDF: 2720162.0/51

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -4096.661+/-3294.164 χ^2/NDF : 8.2/8

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1867.197+/-3412.750 χ^2/NDF : 6.1/7

Left: -1220.147+/-2370.140 χ^2/NDF : 15.9/16

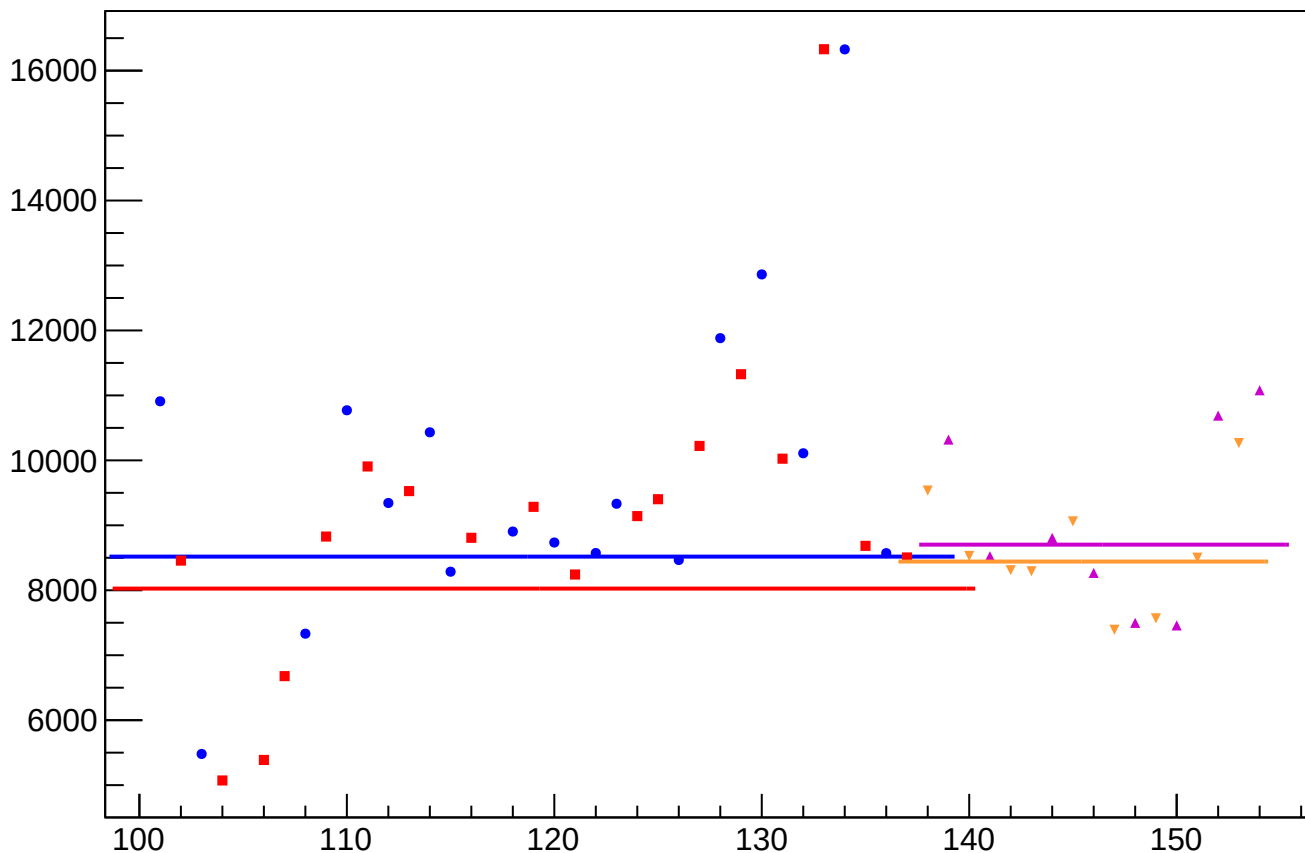
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 4249.018+/-2407.187 χ^2/NDF : 21.8/24

Out: 599.823+/-2286.727 χ^2/NDF : 25.7/26

All: 2330.833+/-1657.910 χ^2/NDF : 48.7/51

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8441.971+/-2.329 χ^2/NDF : 129949.5/8

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8702.431+/-2.413 χ^2/NDF : 268794.4/7

Left: 8567.597+/-1.676 χ^2/NDF : 404774.5/16

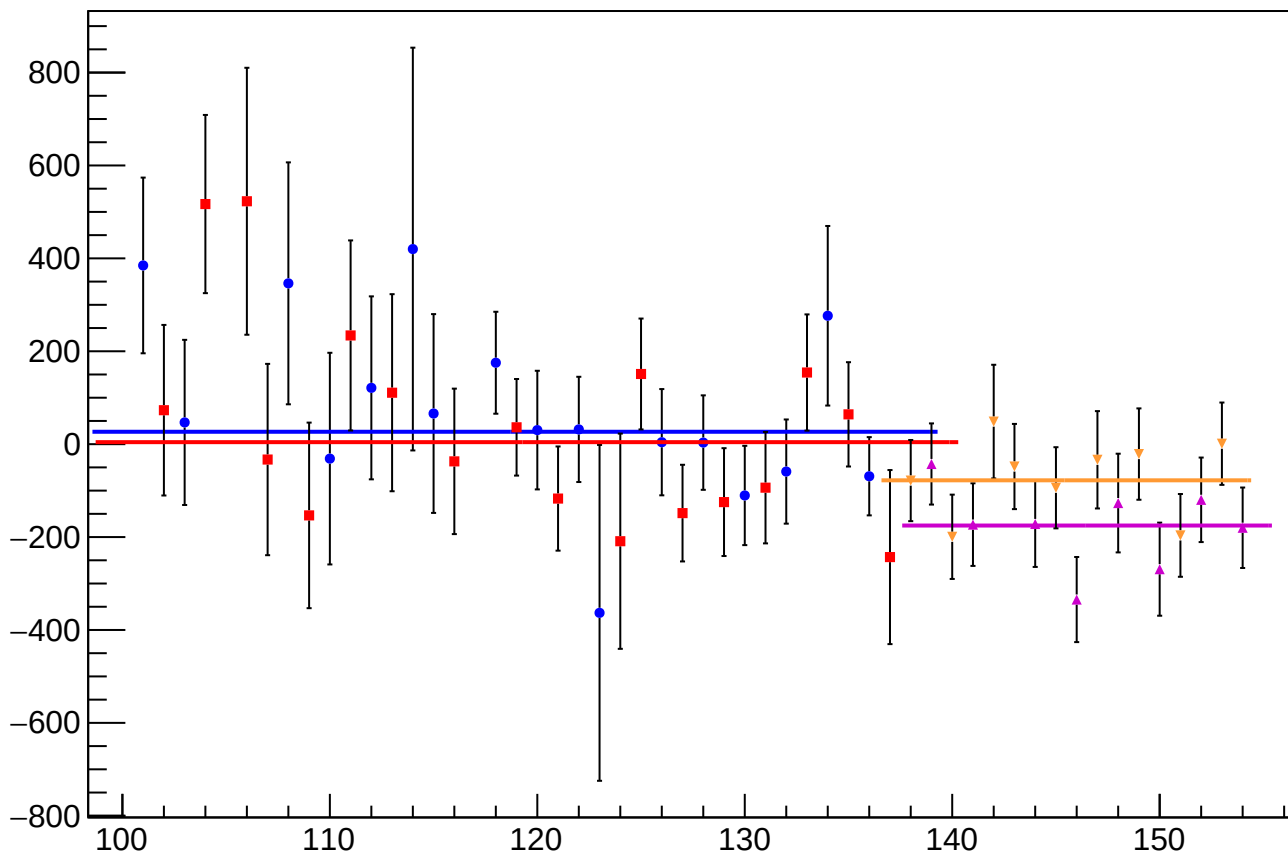
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8609.895+/-1.702 χ^2/NDF : 1043715.7/24

Out: 8226.464+/-1.617 χ^2/NDF : 1089127.6/26

All: 8408.342+/-1.172 χ^2/NDF : 2159517.3/51

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -77.826 ± 31.358 $\chi^2/\text{NDF}: 6.1/8$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -175.160 ± 32.691 $\chi^2/\text{NDF}: 6.8/7$

Left: -124.469 ± 22.630 $\chi^2/\text{NDF}: 17.5/16$

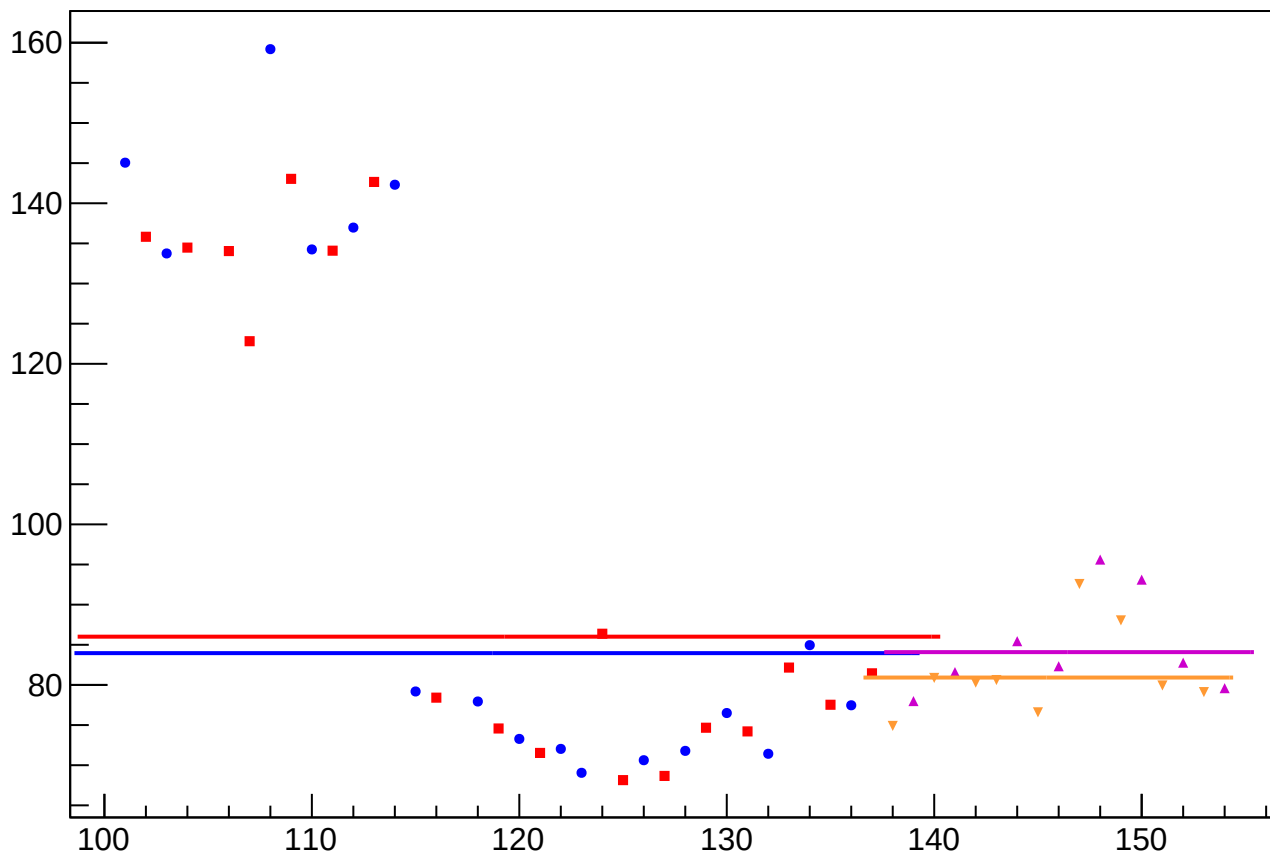
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -77.071 ± 23.440 $\chi^2/\text{NDF}: 39.9/24$

Out: -39.870 ± 23.002 $\chi^2/\text{NDF}: 33.2/26$

All: -58.119 ± 16.417 $\chi^2/\text{NDF}: 74.3/51$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 80.920+/-0.022 χ^2/NDF : 50816.6/8

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 84.087+/-0.023 χ^2/NDF : 58067.5/7

Left: 82.437+/-0.016 χ^2/NDF : 118659.8/16

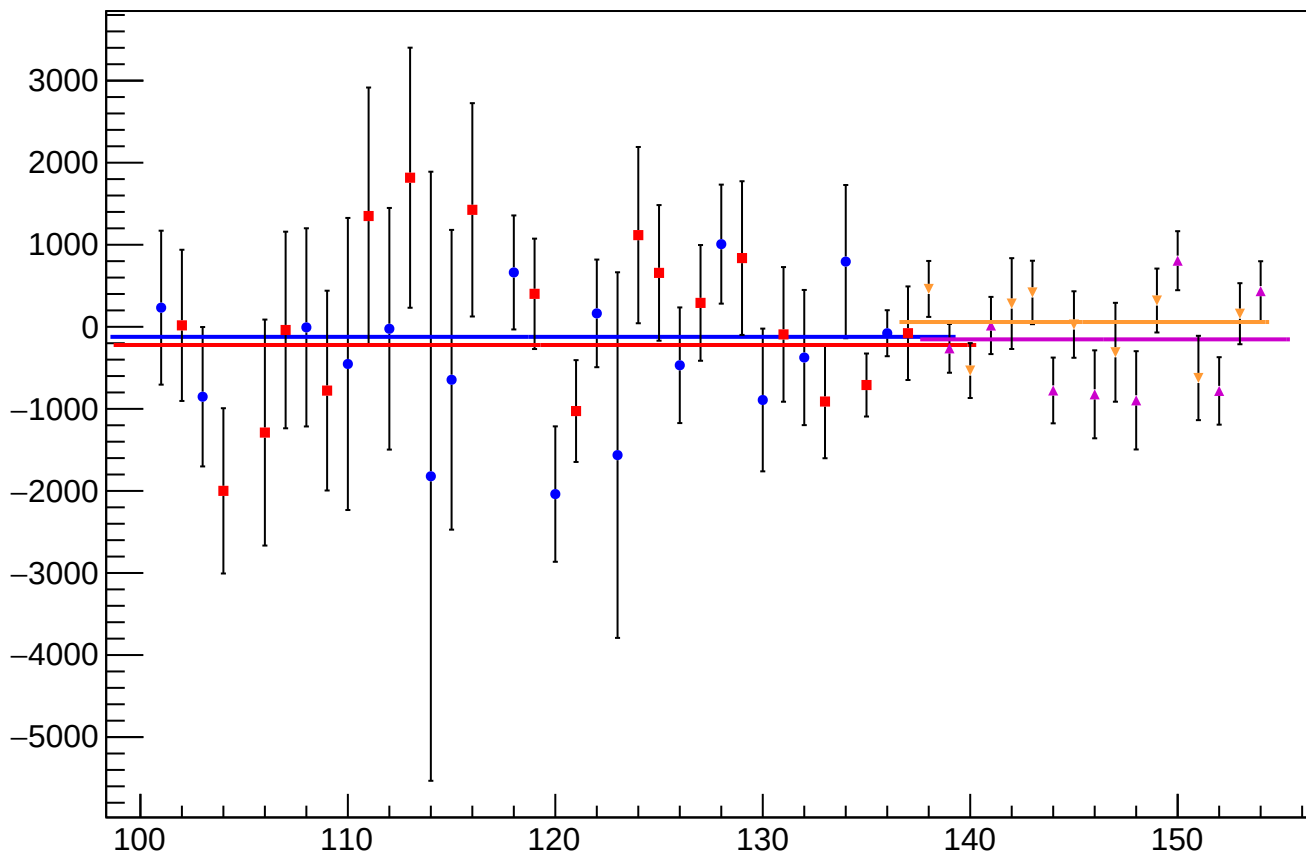
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 84.025+/-0.017 χ^2/NDF : 1018335.5/24

Out: 83.272+/-0.016 χ^2/NDF : 1101586.8/26

All: 83.642+/-0.012 χ^2/NDF : 2120974.5/51

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: 58.505+/-136.156 χ^2/NDF : 8.2/8

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -152.939+/-137.087 χ^2/NDF : 17.9/7

Left: -46.497+/-96.605 χ^2/NDF : 27.4/16

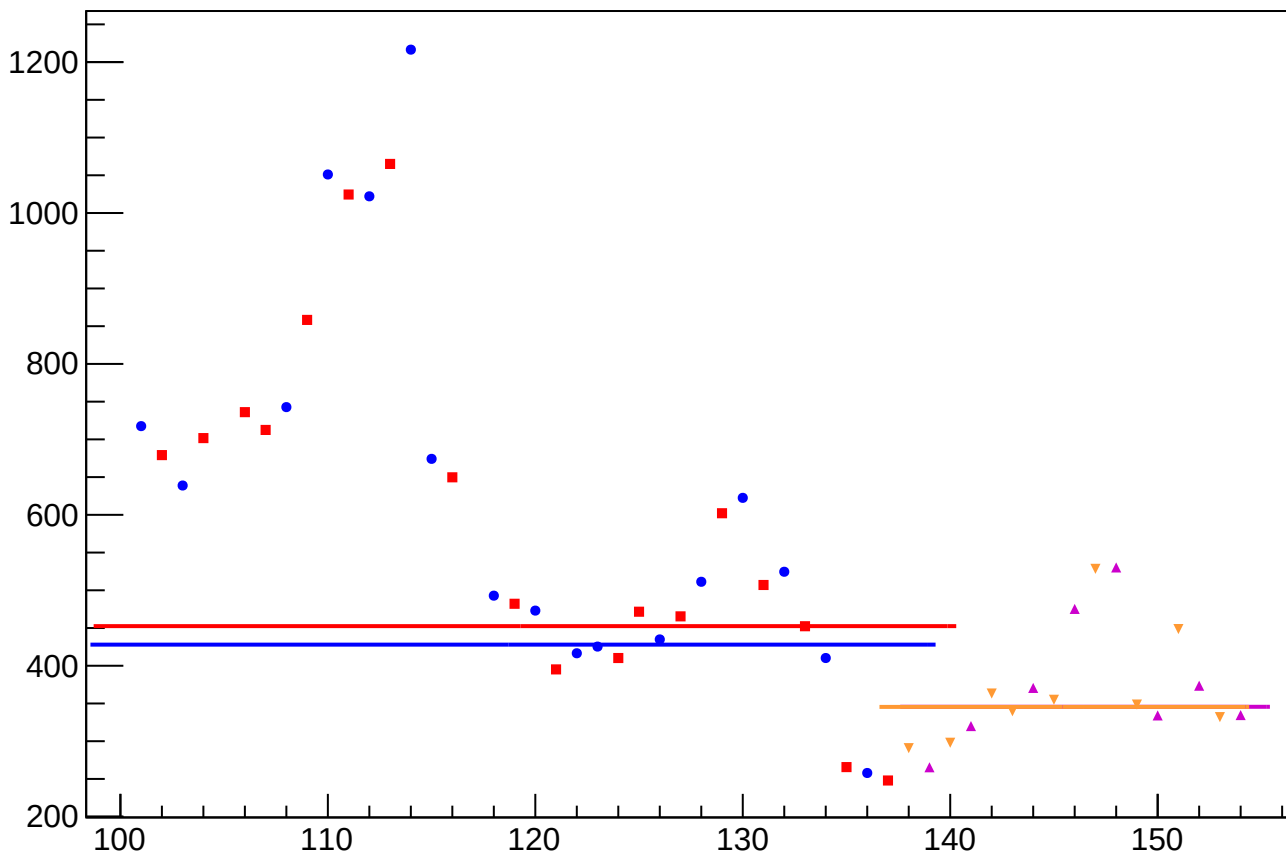
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -141.700+/-108.968 χ^2/NDF : 31.0/24

Out: -39.817+/-109.679 χ^2/NDF : 27.7/26

All: -91.089+/-77.302 χ^2/NDF : 59.1/51

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 345.454 $\pm$ 0.096 χ^2 /NDF:363142.2/8

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 345.611 $\pm$ 0.097 χ^2 /NDF:484077.0/7

Left: 345.532 $\pm$ 0.068 χ^2 /NDF: 847220.5/16

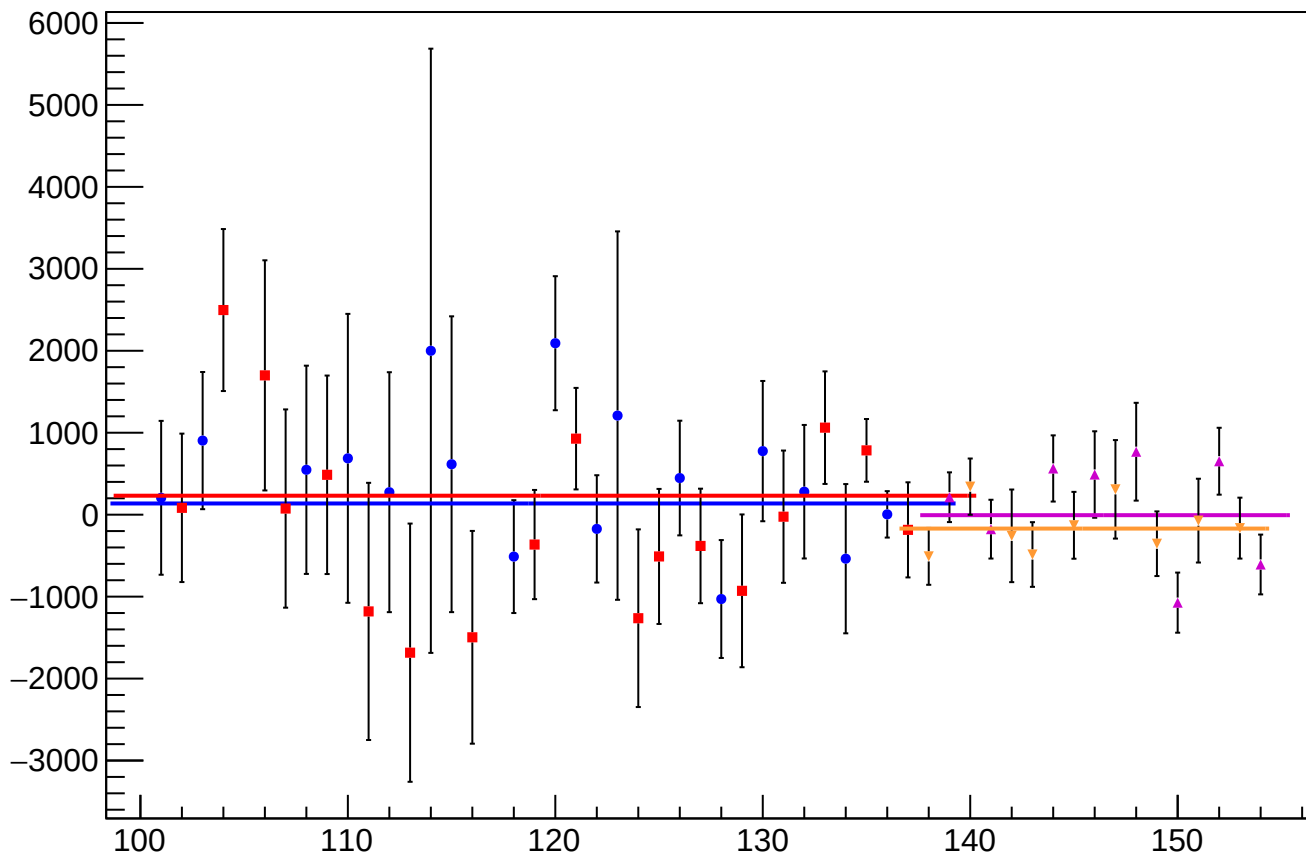
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 375.939 $\pm$ 0.077 χ^2 /NDF:2812189.6/24

Out: 383.042 $\pm$ 0.078 χ^2 /NDF:2870281.5/26

All: 379.467 $\pm$ 0.055 χ^2 /NDF: 5686692.3/51

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 χ^2/NDF : 12.6/16

Left Out: -169.515 ± 137.859 χ^2/NDF : 4.7/8

Right Out: 231.586 ± 184.578 χ^2/NDF : 21.8/17

Left In: -6.029 ± 138.519 χ^2/NDF : 19.1/7

Left: -88.162 ± 97.714 χ^2/NDF : 24.5/16

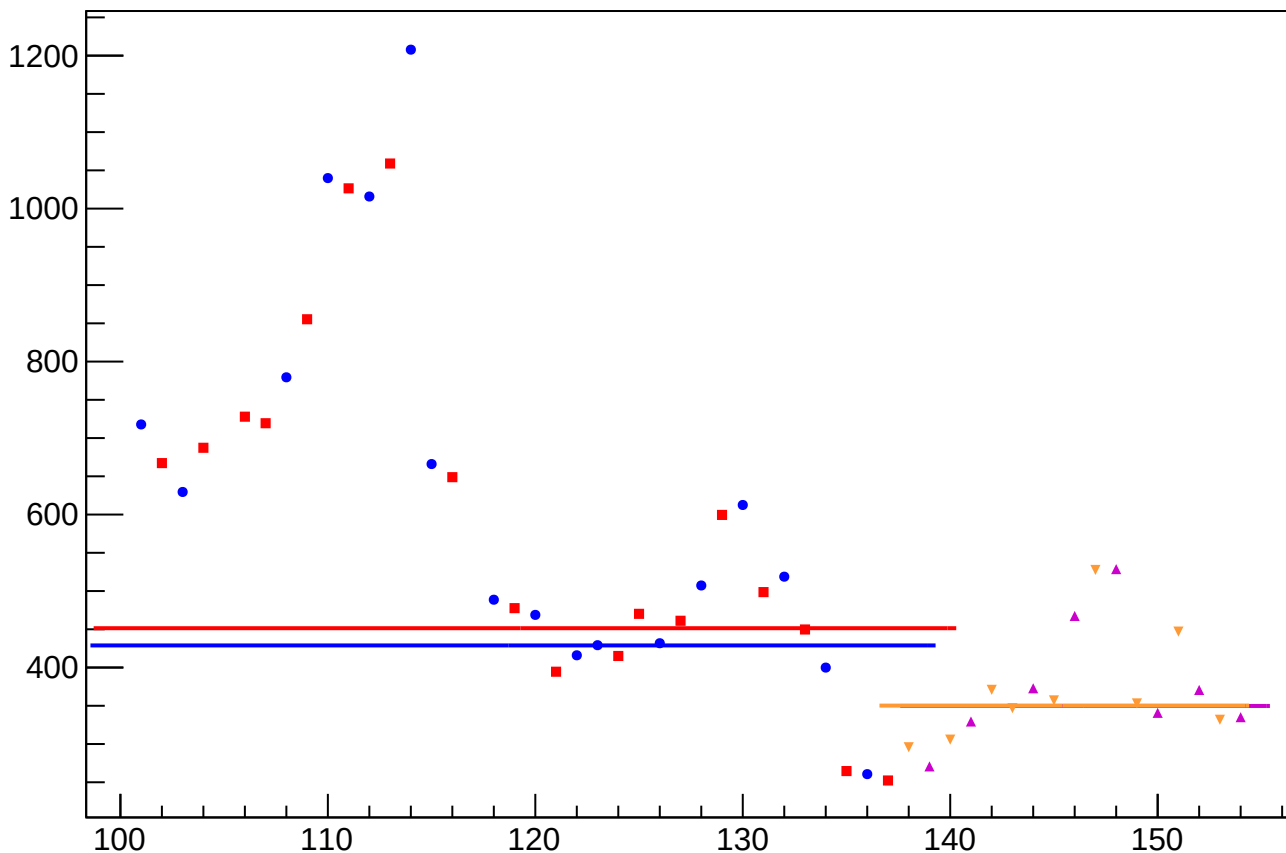
Right: 182.905 ± 128.724 χ^2/NDF : 34.5/34

In: 47.244 ± 109.688 χ^2/NDF : 32.1/24

Out: -25.886 ± 110.452 χ^2/NDF : 29.5/26

All: 10.933 ± 77.830 χ^2/NDF : 61.9/51

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 ± 0.127 χ^2/NDF : 2010592.5/16

Left Out: 350.221 ± 0.097 χ^2/NDF : 337132.4/8

Right Out: 451.411 ± 0.131 χ^2/NDF : 2030742.8/17

Left In: 349.756 ± 0.098 χ^2/NDF : 437524.3/7

Left: 349.990 ± 0.069 χ^2/NDF : 774668.0/16

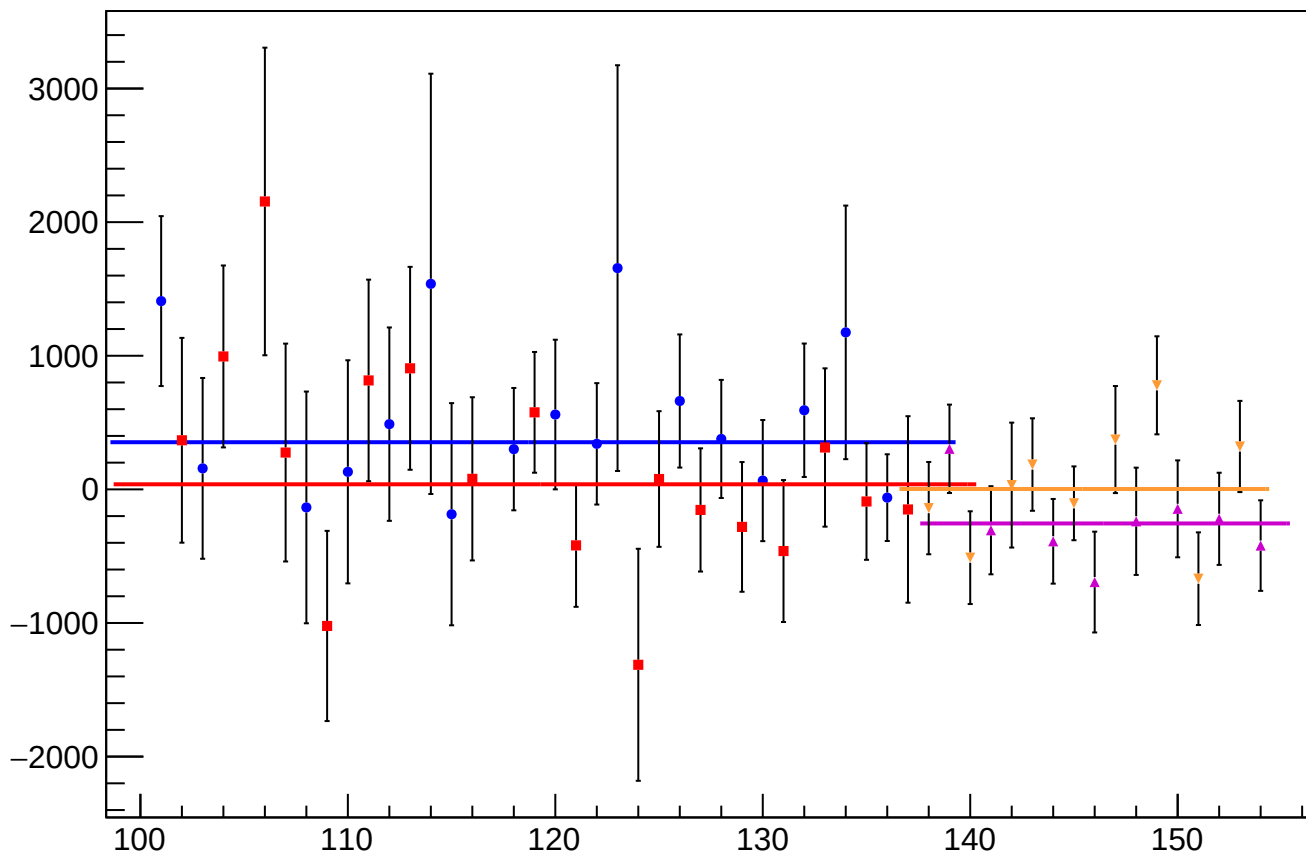
Right: 439.843 ± 0.091 χ^2/NDF : 4056629.4/34

In: 379.270 ± 0.078 χ^2/NDF : 2691554.4/24

Out: 386.455 ± 0.078 χ^2/NDF : 2753729.1/26

All: 382.838 ± 0.055 χ^2/NDF : 5449545.4/51

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: 2.952 ± 116.826 $\chi^2/\text{NDF}: 12.7/8$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -255.059 ± 122.873 $\chi^2/\text{NDF}: 4.7/7$

Left: -119.548 ± 84.665 $\chi^2/\text{NDF}: 19.8/16$

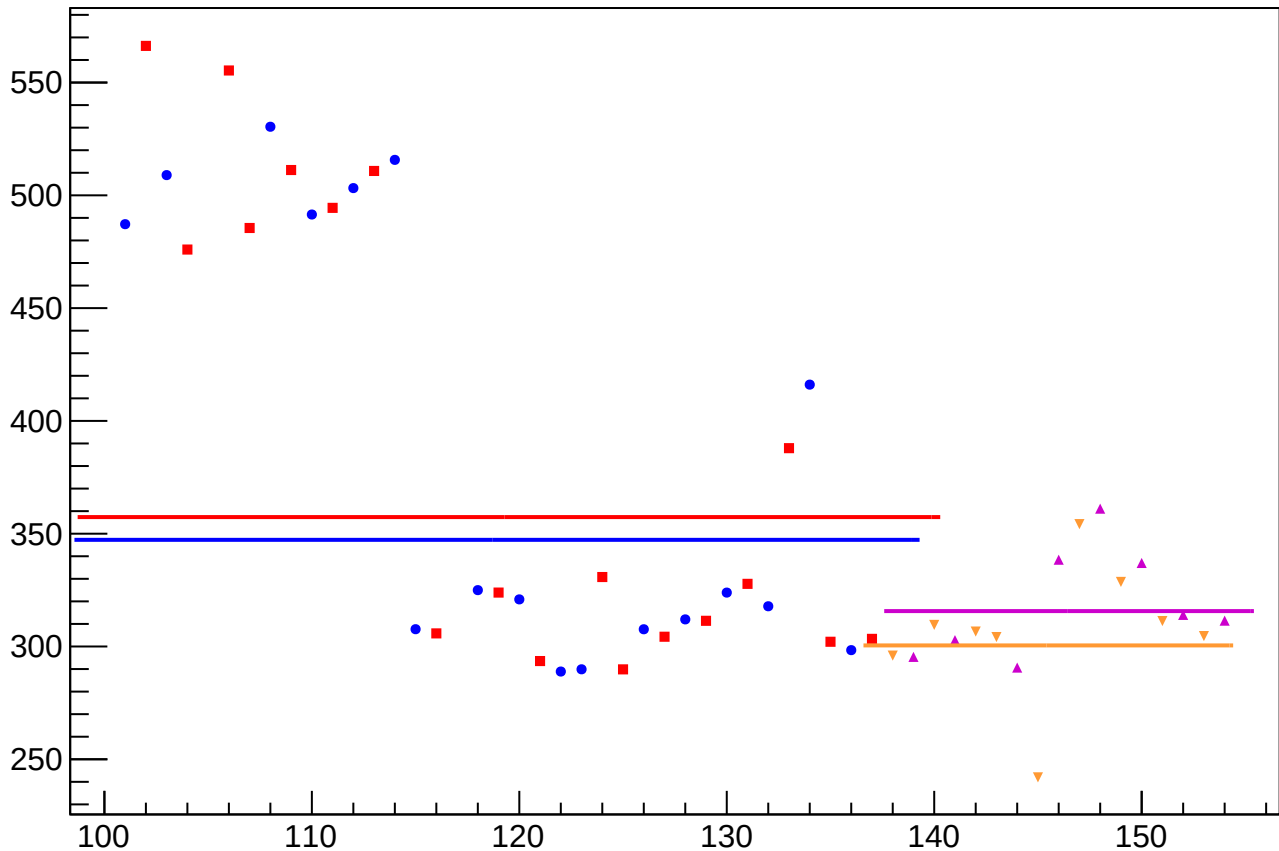
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 15.328 ± 91.561 $\chi^2/\text{NDF}: 24.2/24$

Out: 17.450 ± 89.439 $\chi^2/\text{NDF}: 29.7/26$

All: 16.414 ± 63.980 $\chi^2/\text{NDF}: 53.9/51$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 300.475 $\pm$ 0.083 χ^2/NDF :141991.0/8

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 315.690 $\pm$ 0.087 χ^2/NDF :63226.3/7

Left: 307.699 $\pm$ 0.060 χ^2/NDF : 221324.2/16

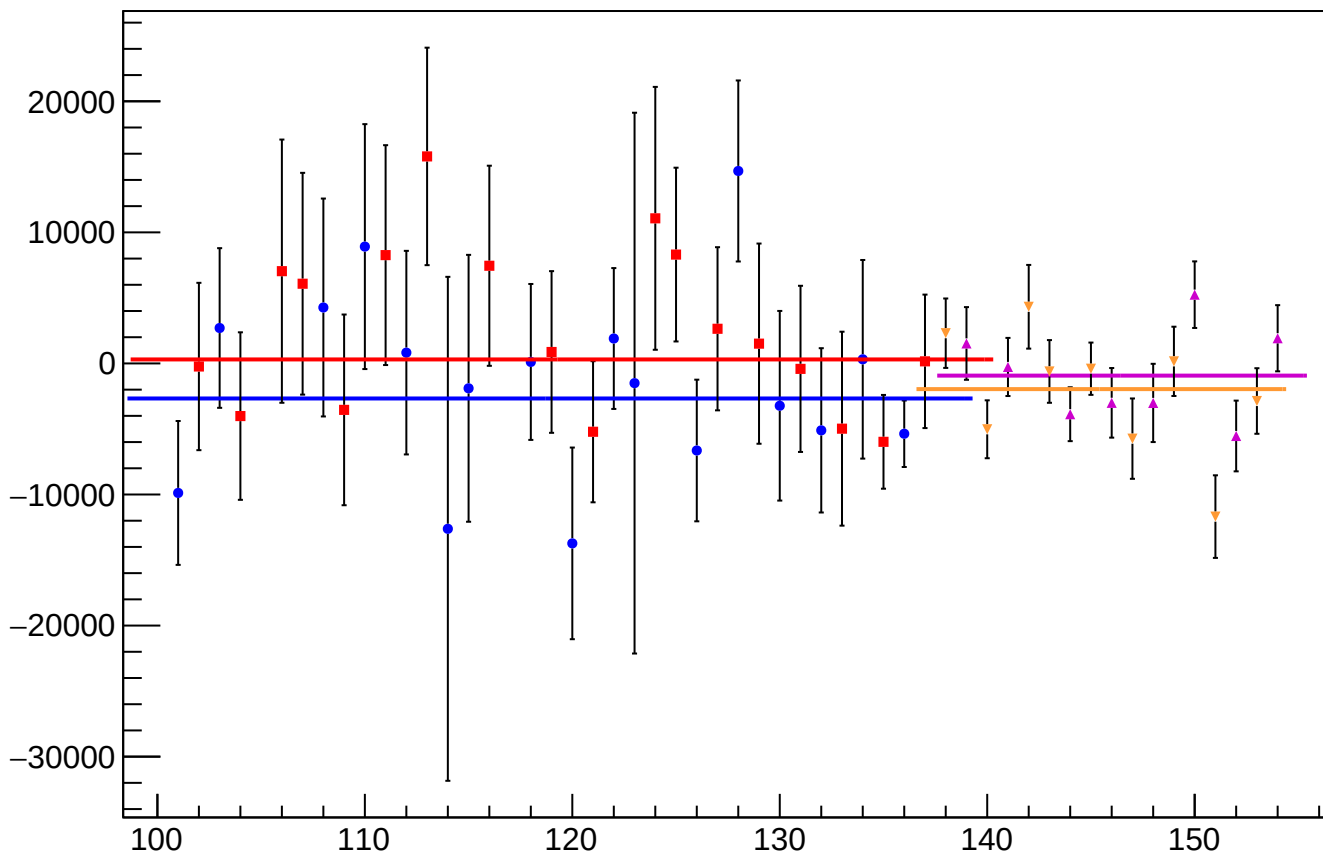
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 329.739 $\pm$ 0.065 χ^2/NDF :740922.0/24

Out: 324.021 $\pm$ 0.063 χ^2/NDF :1098222.7/26

All: 326.813 $\pm$ 0.045 χ^2/NDF : 1843136.1/51

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1959.514+/-850.675 χ^2/NDF : 21.1/8

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -929.698+/-886.117 χ^2/NDF : 14.1/7

Left: -1465.612+/-613.665 χ^2/NDF : 36.0/16

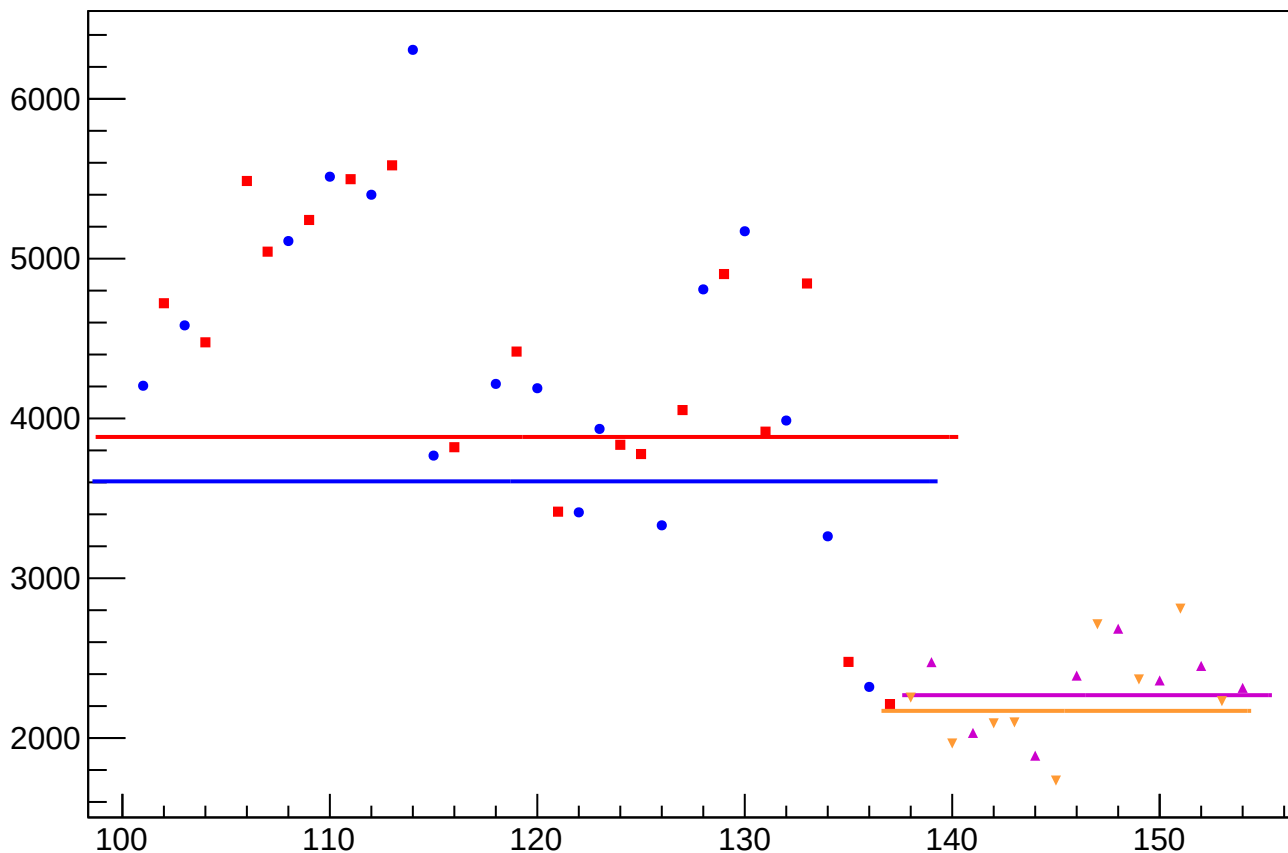
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1401.067+/-756.979 χ^2/NDF : 31.9/24

Out: -1418.277+/-742.076 χ^2/NDF : 37.2/26

All: -1409.843+/-529.917 χ^2/NDF : 69.1/51

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2170.080+/-0.602 χ^2/NDF : 274907.3/8

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2268.254+/-0.627 χ^2/NDF : 157270.7/7

Left: 2217.165+/-0.434 χ^2/NDF : 444953.5/16

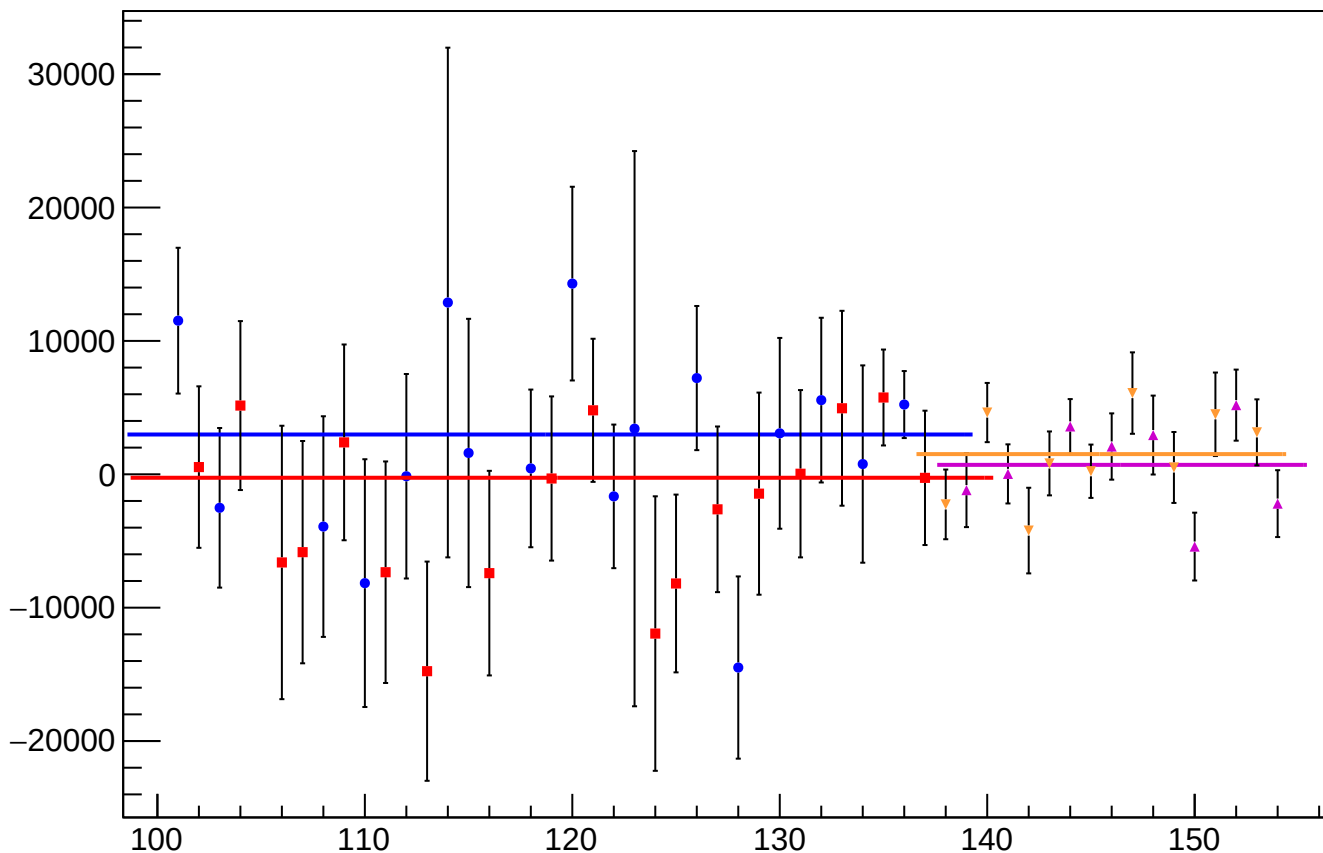
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2629.850+/-0.535 χ^2/NDF : 2482216.0/24

Out: 2579.803+/-0.525 χ^2/NDF : 3210521.9/26

All: 2604.329+/-0.375 χ^2/NDF : 5697195.9/51

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 1513.638 $\pm$ 849.690 χ^2/NDF : 11.5/8

Right Out: -259.721 $\pm$ 1510.344 χ^2/NDF : 13.5/17

Left In: 706.829 $\pm$ 876.243 χ^2/NDF : 13.4/7

Left: 1122.643 $\pm$ 609.993 χ^2/NDF : 25.3/16

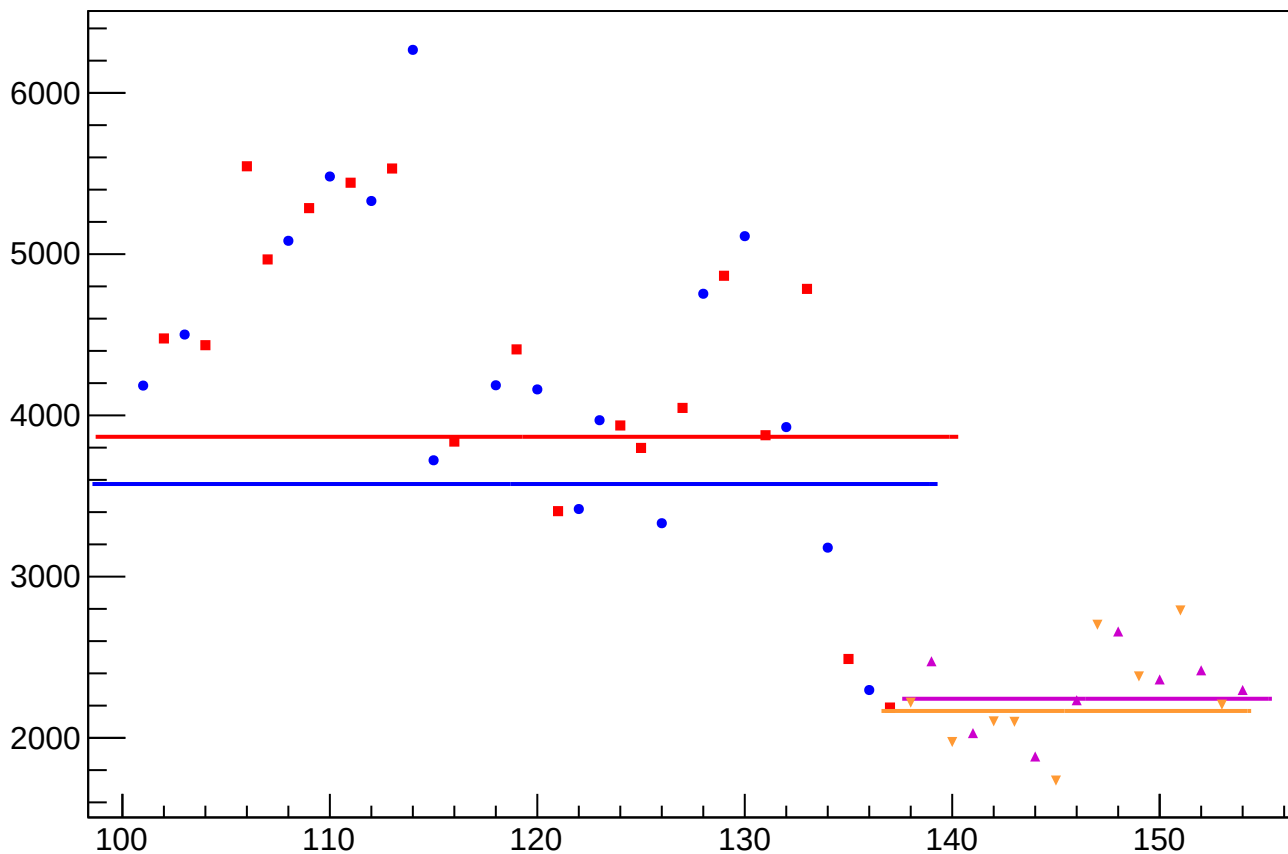
Right: 1435.156 $\pm$ 1043.589 χ^2/NDF : 33.3/34

In: 1319.801 $\pm$ 749.058 χ^2/NDF : 32.6/24

Out: 1087.308 $\pm$ 740.544 χ^2/NDF : 26.0/26

All: 1202.226 $\pm$ 526.628 χ^2/NDF : 58.7/51

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2166.904 $\pm$ 0.601 χ^2 /NDF:265649.6/8

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2242.585 $\pm$ 0.620 χ^2 /NDF:147488.4/7

Left: 2203.581 $\pm$ 0.431 χ^2 /NDF: 420827.1/16

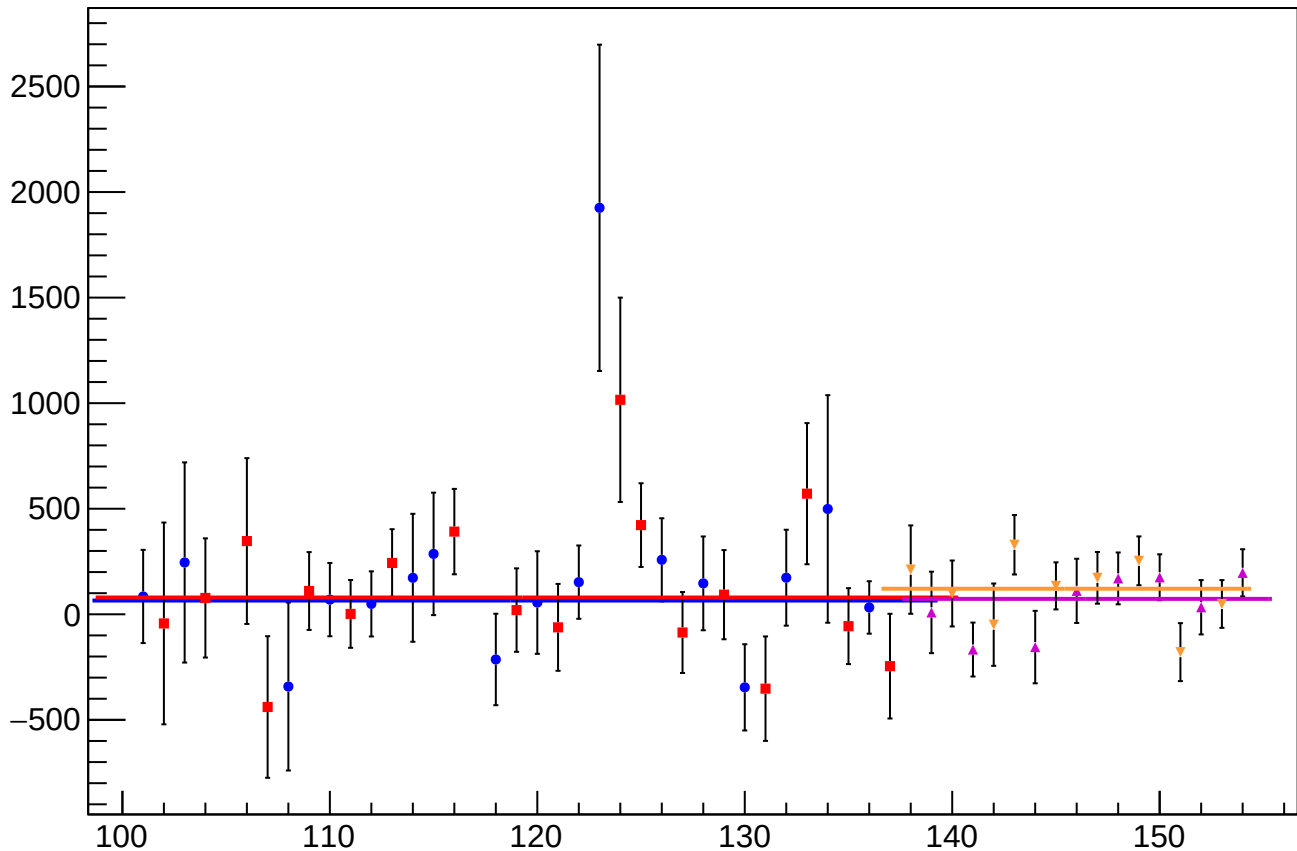
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2601.136 $\pm$ 0.530 χ^2 /NDF:2482676.6/24

Out: 2575.677 $\pm$ 0.524 χ^2 /NDF:3159198.4/26

All: 2588.261 $\pm$ 0.372 χ^2 /NDF: 5643043.4/51

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 121.177 $\pm$ 44.994 χ^2 /NDF:9.9/8

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 73.051 $\pm$ 46.791 χ^2 /NDF:8.3/7

Left: 98.056 $\pm$ 32.432 χ^2 /NDF: 18.7/16

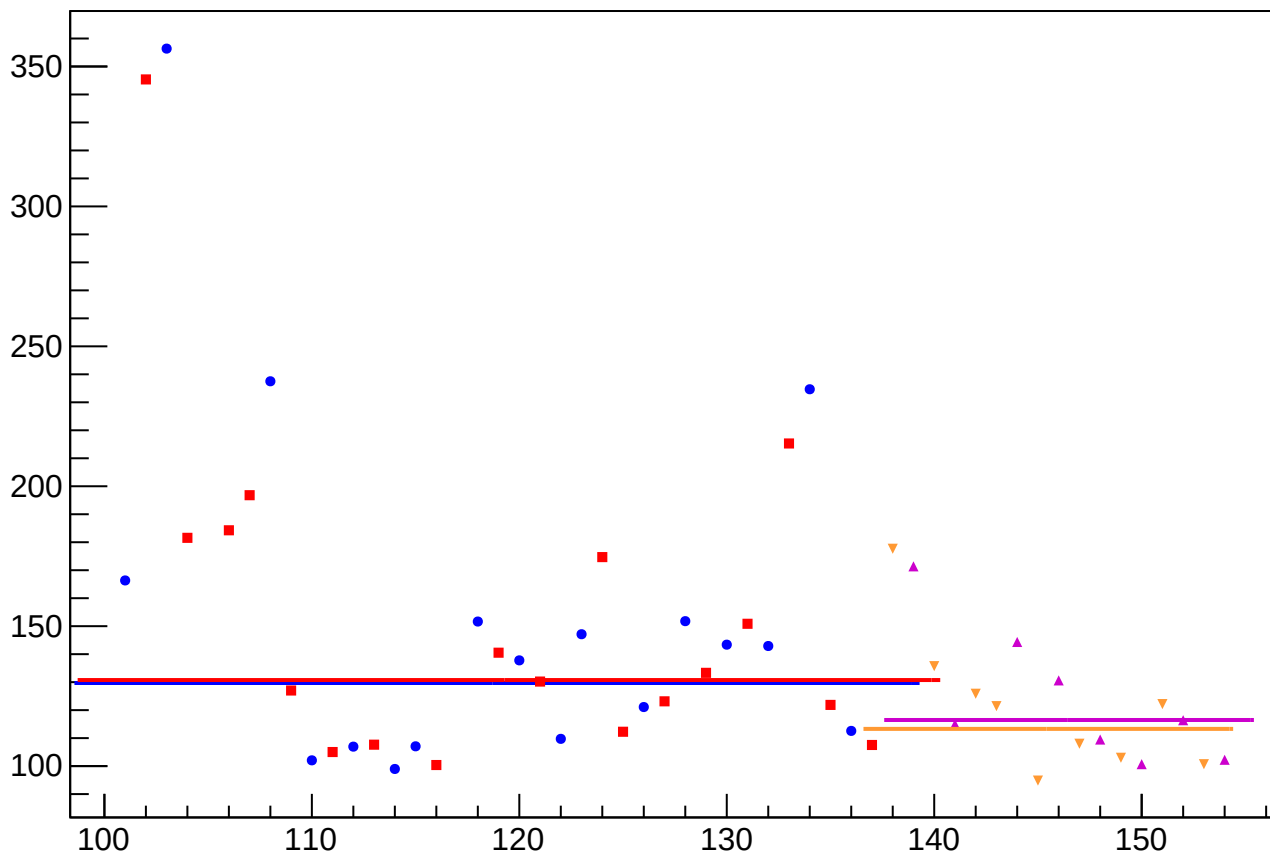
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 69.601 $\pm$ 34.990 χ^2 /NDF:24.0/24

Out: 103.456 $\pm$ 34.121 χ^2 /NDF:32.4/26

All: 86.954 $\pm$ 24.428 χ^2 /NDF: 56.9/51

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 113.298 $\pm$ 0.032 χ^2 /NDF: 353290.5/8

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 116.478 $\pm$ 0.033 χ^2 /NDF: 313253.0/7

Left: 114.826 $\pm$ 0.023 χ^2 /NDF: 671342.5/16

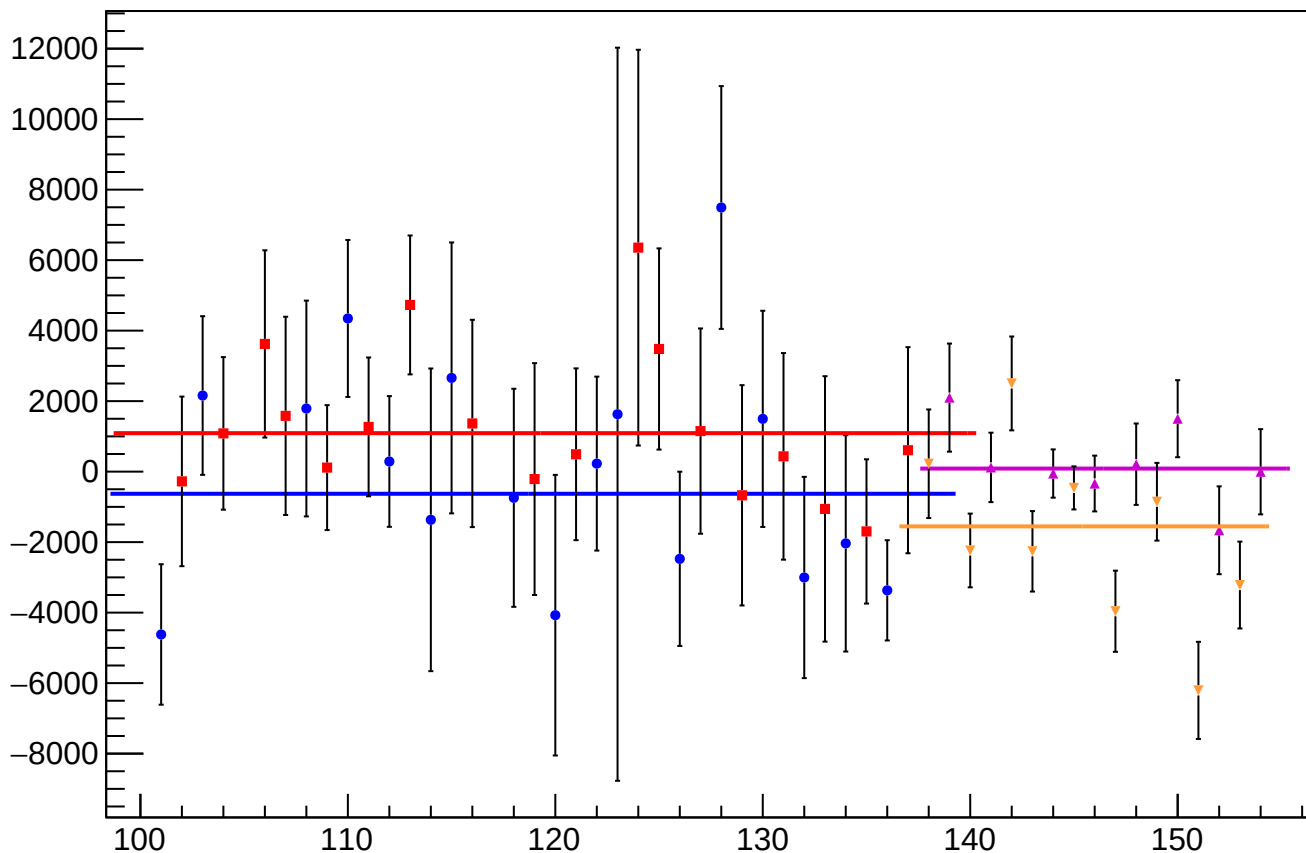
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 122.305 $\pm$ 0.025 χ^2 /NDF: 1373294.8/24

Out: 120.715 $\pm$ 0.024 χ^2 /NDF: 1408693.3/26

All: 121.490 $\pm$ 0.017 χ^2 /NDF: 2784106.2/51

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1553.174 ± 351.102 χ^2/NDF : 32.6/8

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 86.863 ± 351.319 χ^2/NDF : 5.7/7

Left: -733.661 ± 248.343 χ^2/NDF : 49.2/16

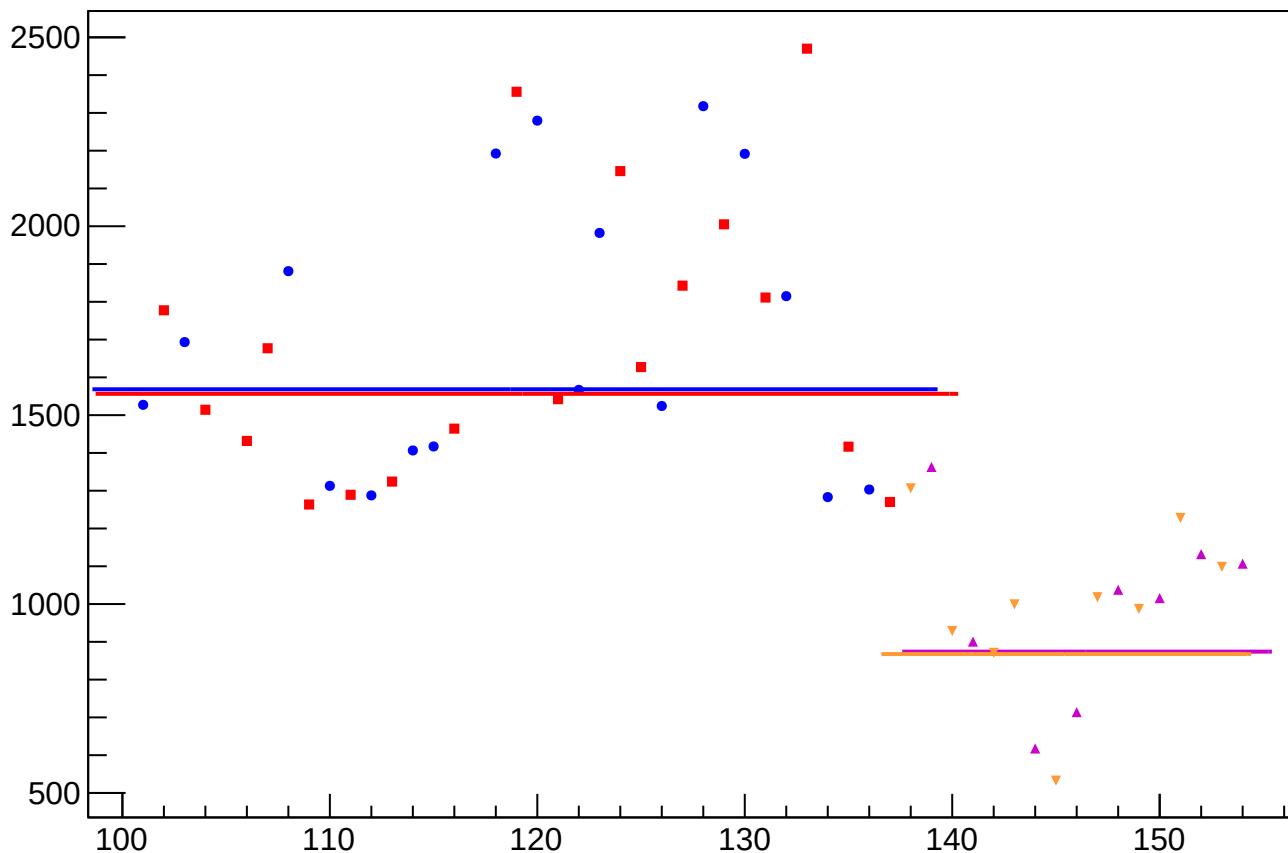
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -86.295 ± 305.836 χ^2/NDF : 31.0/24

Out: -877.593 ± 302.965 χ^2/NDF : 56.5/26

All: -485.675 ± 215.237 χ^2/NDF : 90.9/51

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 867.616+/-0.248 χ^2/NDF : 1062073.8/8

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 874.095+/-0.248 χ^2/NDF : 800815.5/7

Left: 870.853+/-0.176 χ^2/NDF : 1863229.5/16

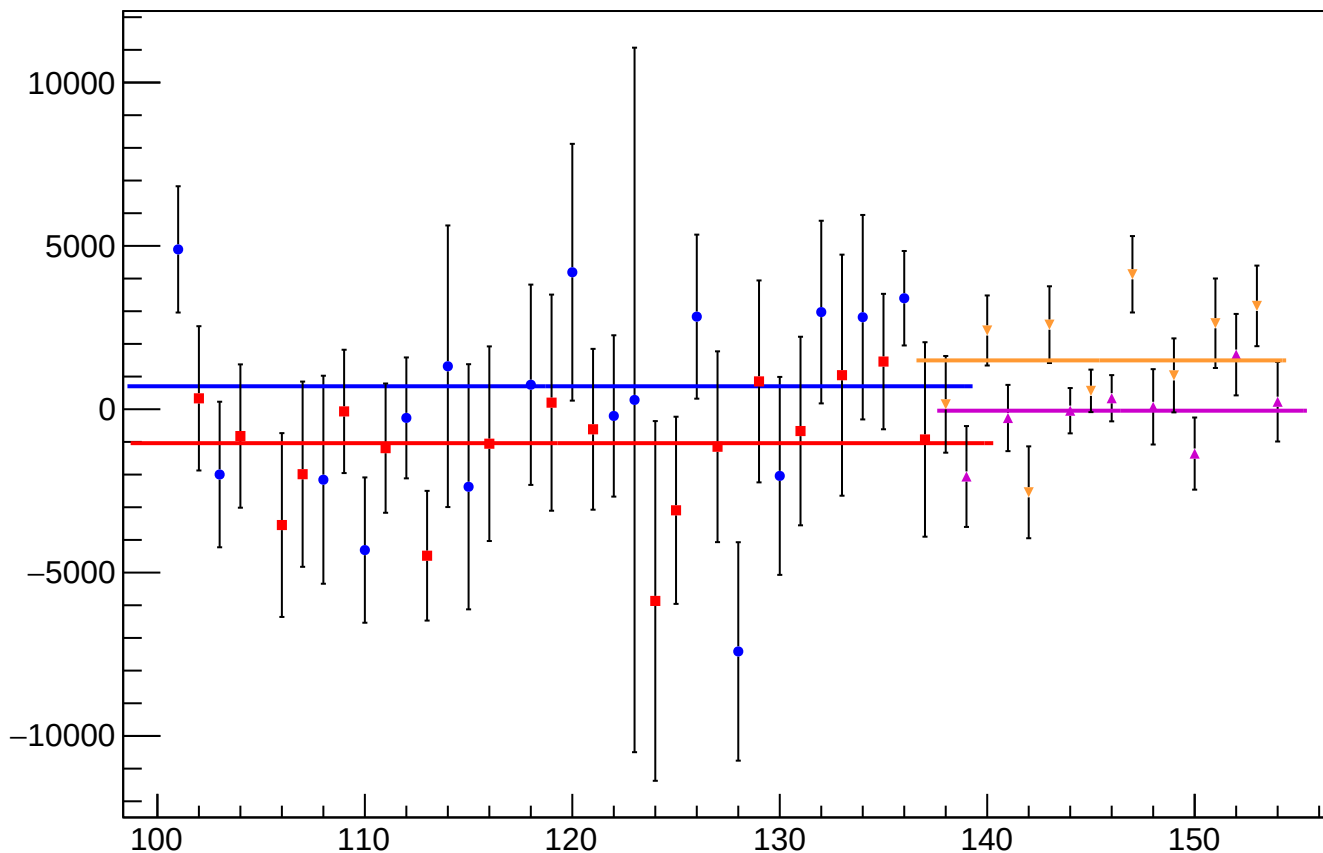
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1042.251+/-0.216 χ^2/NDF : 3227104.5/24

Out: 1043.542+/-0.214 χ^2/NDF : 3538561.5/26

All: 1042.903+/-0.152 χ^2/NDF : 6765684.1/51

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1494.865+/-362.164 χ^2/NDF :20.5/8

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -44.705+/-345.885 χ^2/NDF :5.4/7

Left: 689.702+/-250.134 χ^2/NDF : 35.3/16

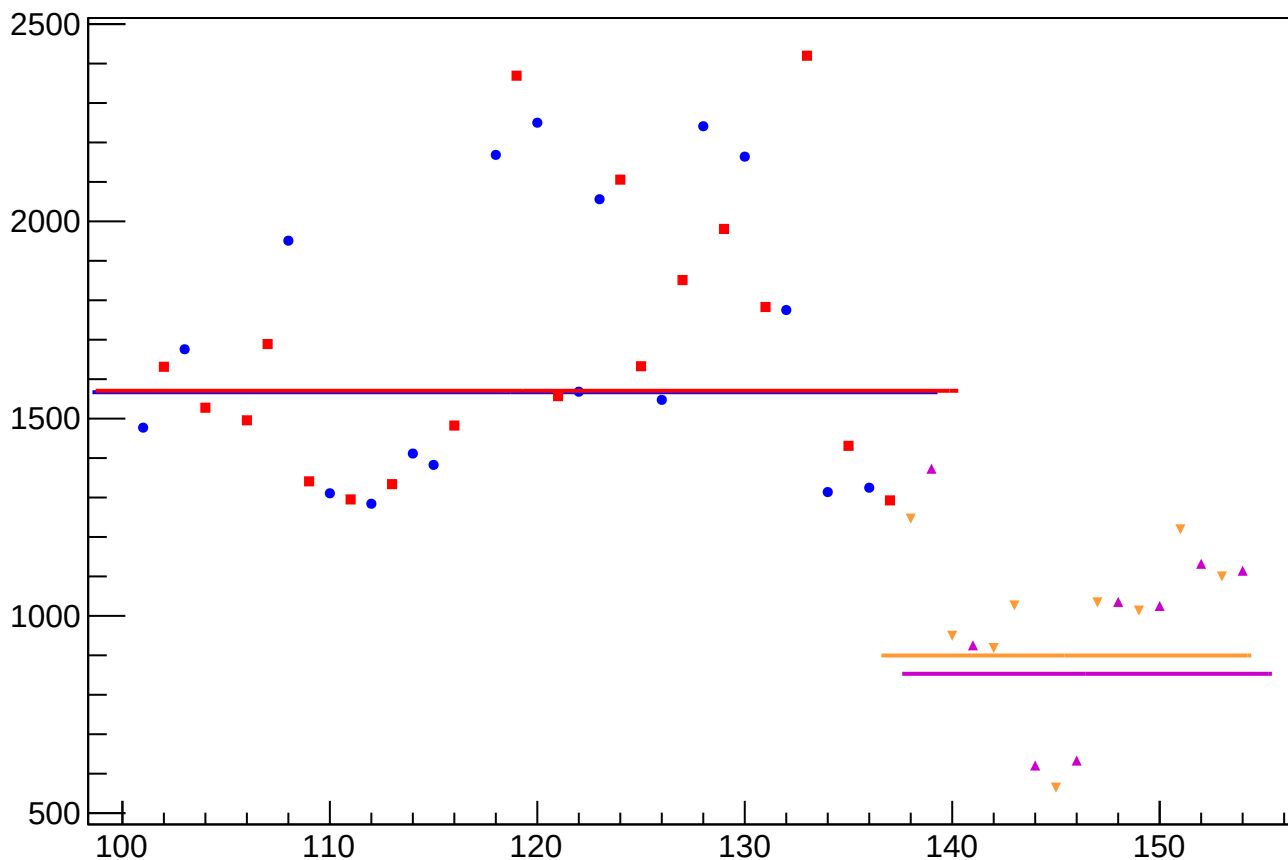
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 132.511+/-302.131 χ^2/NDF :32.5/24

Out: 825.339+/-310.640 χ^2/NDF :41.6/26

All: 469.306+/-216.585 χ^2/NDF : 76.7/51

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 899.593 $\pm$ 0.256 χ^2 /NDF: 877022.1/8

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 853.172 $\pm$ 0.245 χ^2 /NDF: 945399.4/7

Left: 875.316 $\pm$ 0.177 χ^2 /NDF: 1839605.4/16

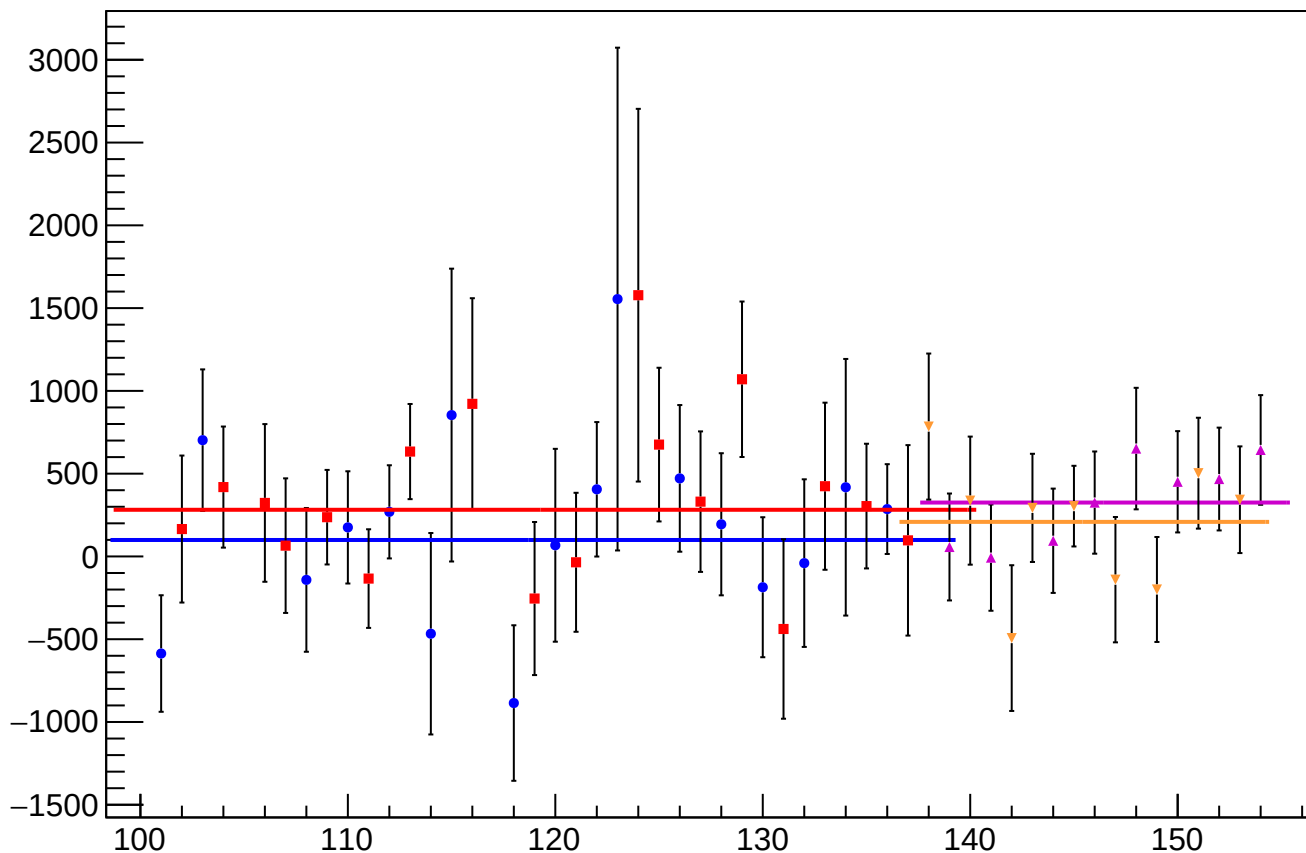
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1022.331 $\pm$ 0.214 χ^2 /NDF: 3463691.5/24

Out: 1076.920 $\pm$ 0.220 χ^2 /NDF: 3130506.7/26

All: 1048.868 $\pm$ 0.153 χ^2 /NDF: 6625937.0/51

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 208.772 $\pm$ 112.742 χ^2 /NDF: 8.0/8

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 325.492 $\pm$ 113.618 χ^2 /NDF: 4.4/7

Left: 266.680 $\pm$ 80.029 χ^2 /NDF: 13.0/16

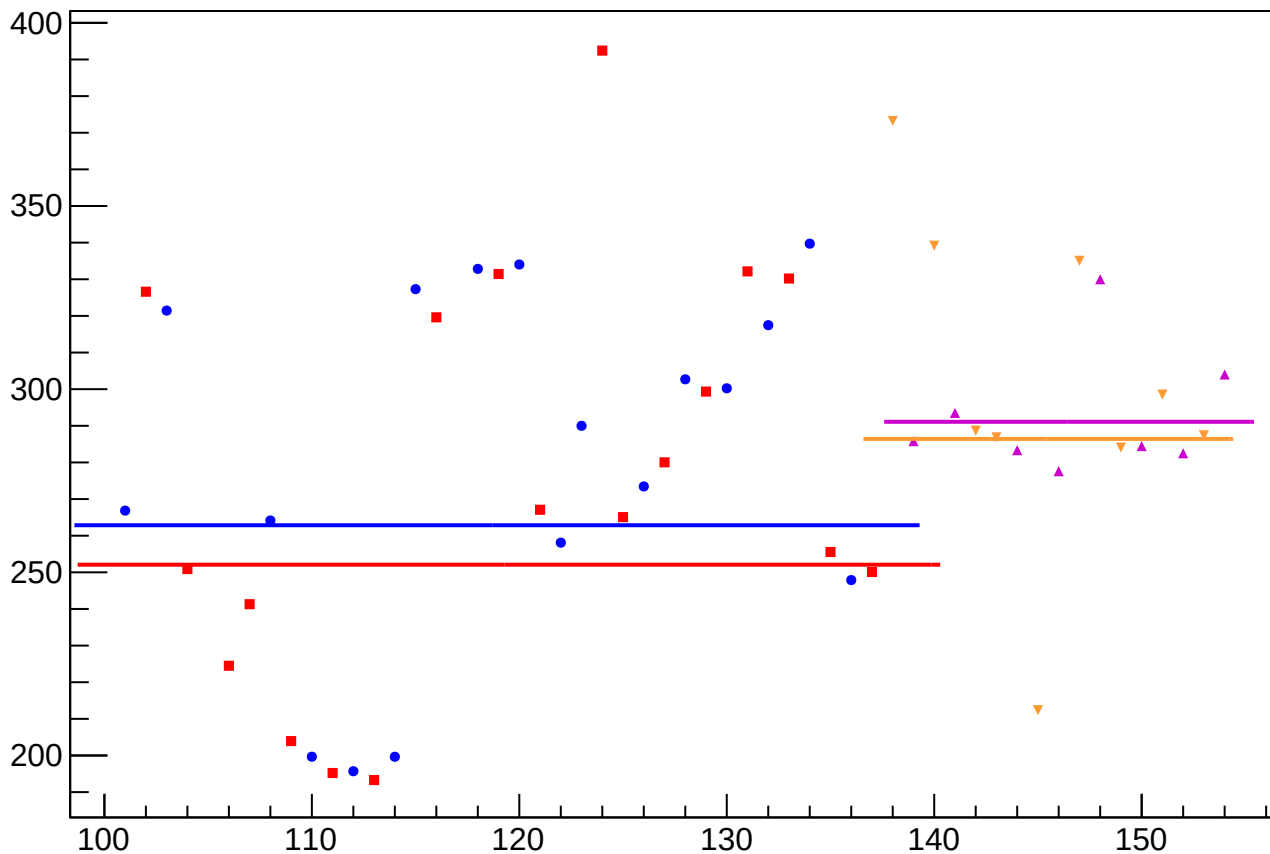
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 201.886 $\pm$ 76.498 χ^2 /NDF: 22.5/24

Out: 250.430 $\pm$ 73.912 χ^2 /NDF: 22.0/26

All: 226.993 $\pm$ 53.154 χ^2 /NDF: 44.7/51

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 $\chi^2/\text{NDF}: 411698.3/16$

Left Out: 286.414 ± 0.080 $\chi^2/\text{NDF}: 335249.6/8$

Right Out: 252.079 ± 0.069 $\chi^2/\text{NDF}: 515150.4/17$

Left In: 291.094 ± 0.080 $\chi^2/\text{NDF}: 33671.7/7$

Left: 288.736 ± 0.057 $\chi^2/\text{NDF}: 370631.2/16$

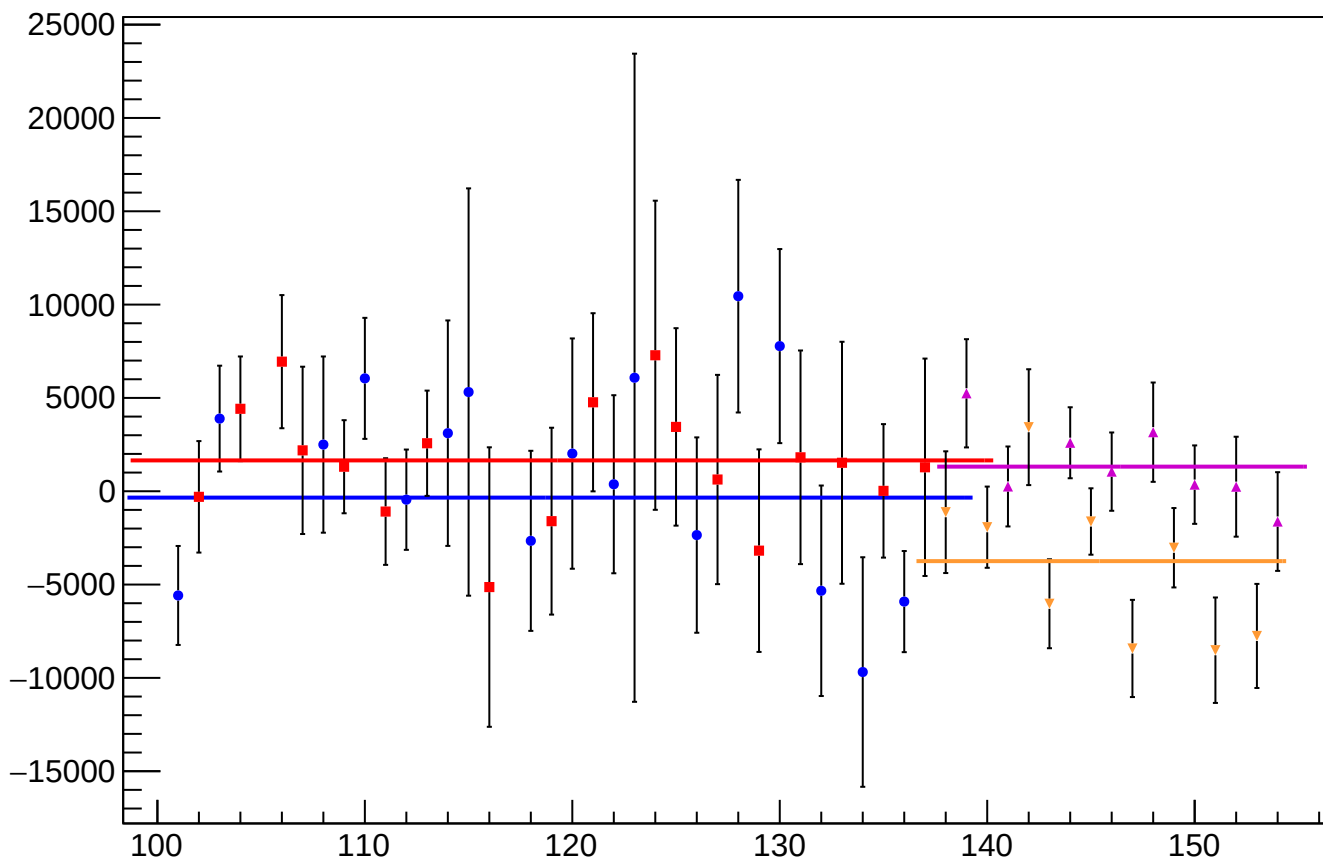
Right: 257.169 ± 0.050 $\chi^2/\text{NDF}: 938300.0/34$

In: 275.657 ± 0.054 $\chi^2/\text{NDF}: 512904.4/24$

Out: 266.836 ± 0.052 $\chi^2/\text{NDF}: 956169.9/26$

All: 271.095 ± 0.038 $\chi^2/\text{NDF}: 1482828.7/51$

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3744.845 ± 810.117 $\chi^2/\text{NDF}: 17.3/8$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 1318.263 ± 818.978 $\chi^2/\text{NDF}: 4.6/7$

Left: -1240.830 ± 575.947 $\chi^2/\text{NDF}: 41.3/16$

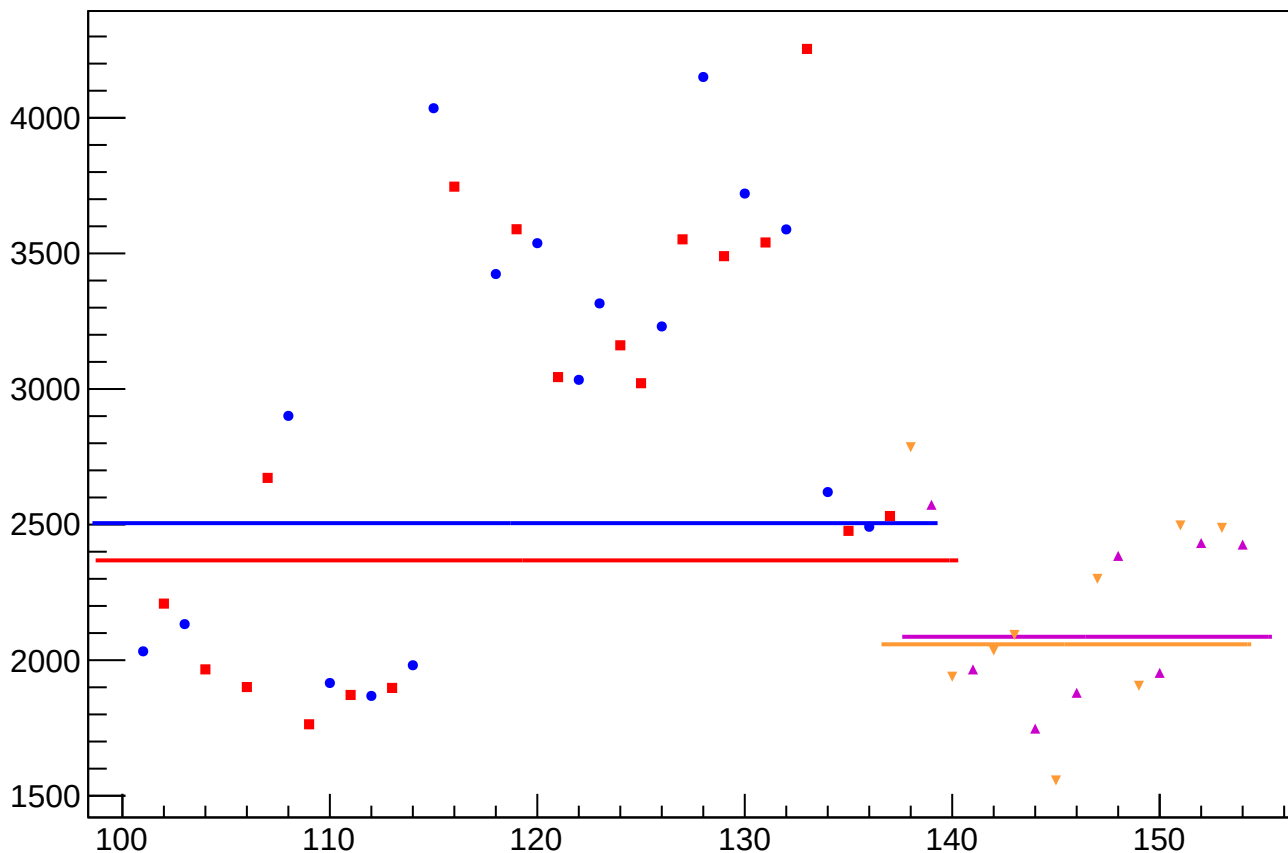
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 655.608 ± 634.781 $\chi^2/\text{NDF}: 30.7/24$

Out: -1416.088 ± 610.816 $\chi^2/\text{NDF}: 44.4/26$

All: -420.084 ± 440.141 $\chi^2/\text{NDF}: 80.6/51$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2/NDF : 864133.9/16

Left Out: 2058.540 $\pm$ 0.573 χ^2/NDF : 388268.0/8

Right Out: 2368.003 $\pm$ 0.658 χ^2/NDF : 1030879.9/17

Left In: 2086.358 $\pm$ 0.579 χ^2/NDF : 245038.7/7

Left: 2072.297 $\pm$ 0.407 χ^2/NDF : 634473.0/16

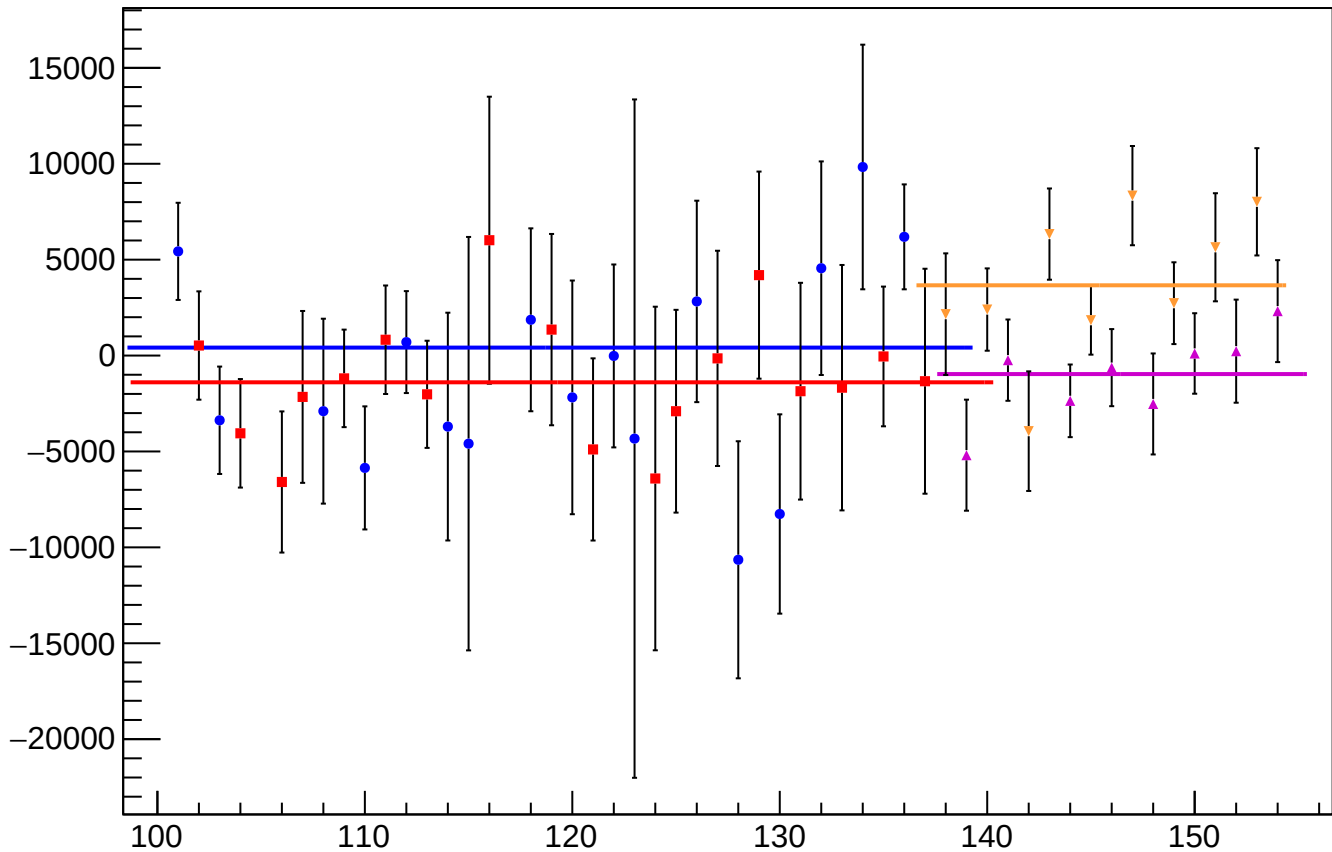
Right: 2431.366 $\pm$ 0.483 χ^2/NDF : 1915141.0/34

In: 2253.627 $\pm$ 0.449 χ^2/NDF : 1318143.3/24

Out: 2192.075 $\pm$ 0.432 χ^2/NDF : 1545081.0/26

All: 2221.667 $\pm$ 0.311 χ^2/NDF : 2872988.1/51

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3663.431 $\pm$ 808.585 χ^2 /NDF:15.2/8

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -964.946 $\pm$ 811.173 χ^2 /NDF:5.2/7

Left: 1356.636 $\pm$ 572.669 χ^2 /NDF: 36.7/16

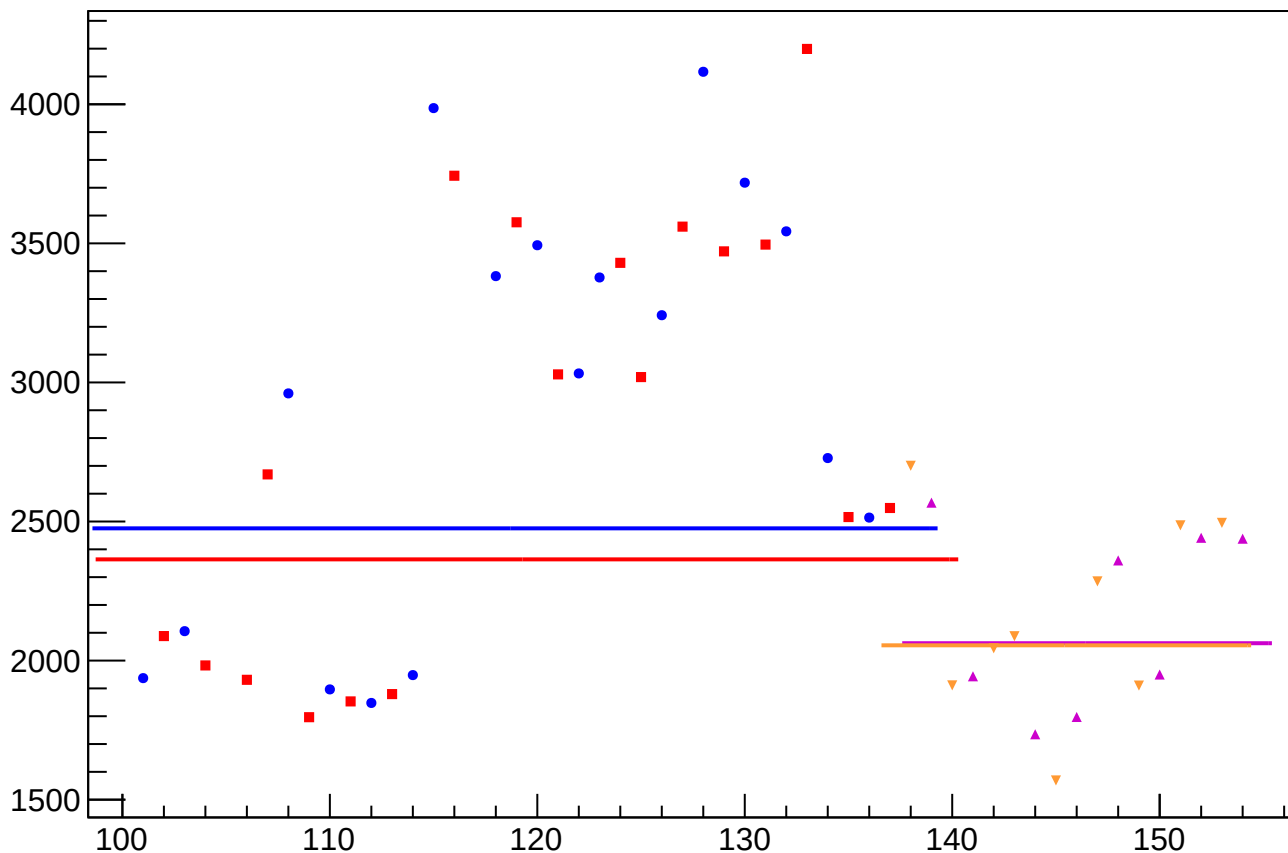
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -413.703 $\pm$ 628.694 χ^2 /NDF:30.8/24

Out: 1483.225 $\pm$ 609.915 χ^2 /NDF:39.6/26

All: 563.514 $\pm$ 437.763 χ^2 /NDF: 75.1/51

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2054.915 $\pm$ 0.572 χ^2/NDF : 360179.2/8

Right Out: 2363.907 $\pm$ 0.657 χ^2/NDF : 1026875.6/17

Left In: 2062.457 $\pm$ 0.574 χ^2/NDF : 272880.3/7

Left: 2058.674 $\pm$ 0.405 χ^2/NDF : 633146.2/16

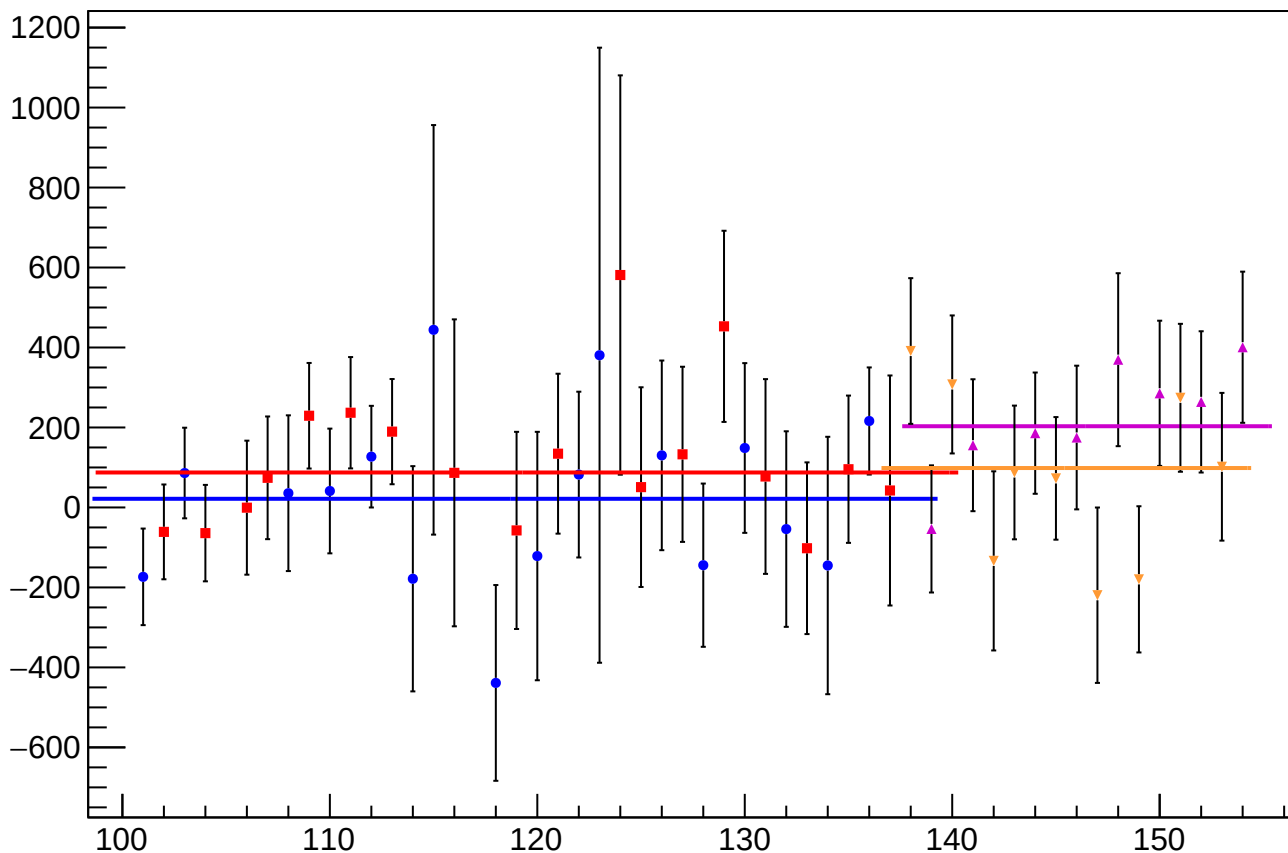
Right: 2415.854 $\pm$ 0.480 χ^2/NDF : 1953375.1/34

In: 2227.362 $\pm$ 0.445 χ^2/NDF : 1392951.2/24

Out: 2188.101 $\pm$ 0.431 χ^2/NDF : 1512942.7/26

All: 2207.136 $\pm$ 0.310 χ^2/NDF : 2909912.0/51

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 98.574 $\pm$ 60.718 χ^2/NDF : 10.5/8

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 203.107 $\pm$ 61.713 χ^2/NDF : 4.7/7

Left: 149.991 $\pm$ 43.282 χ^2/NDF : 16.7/16

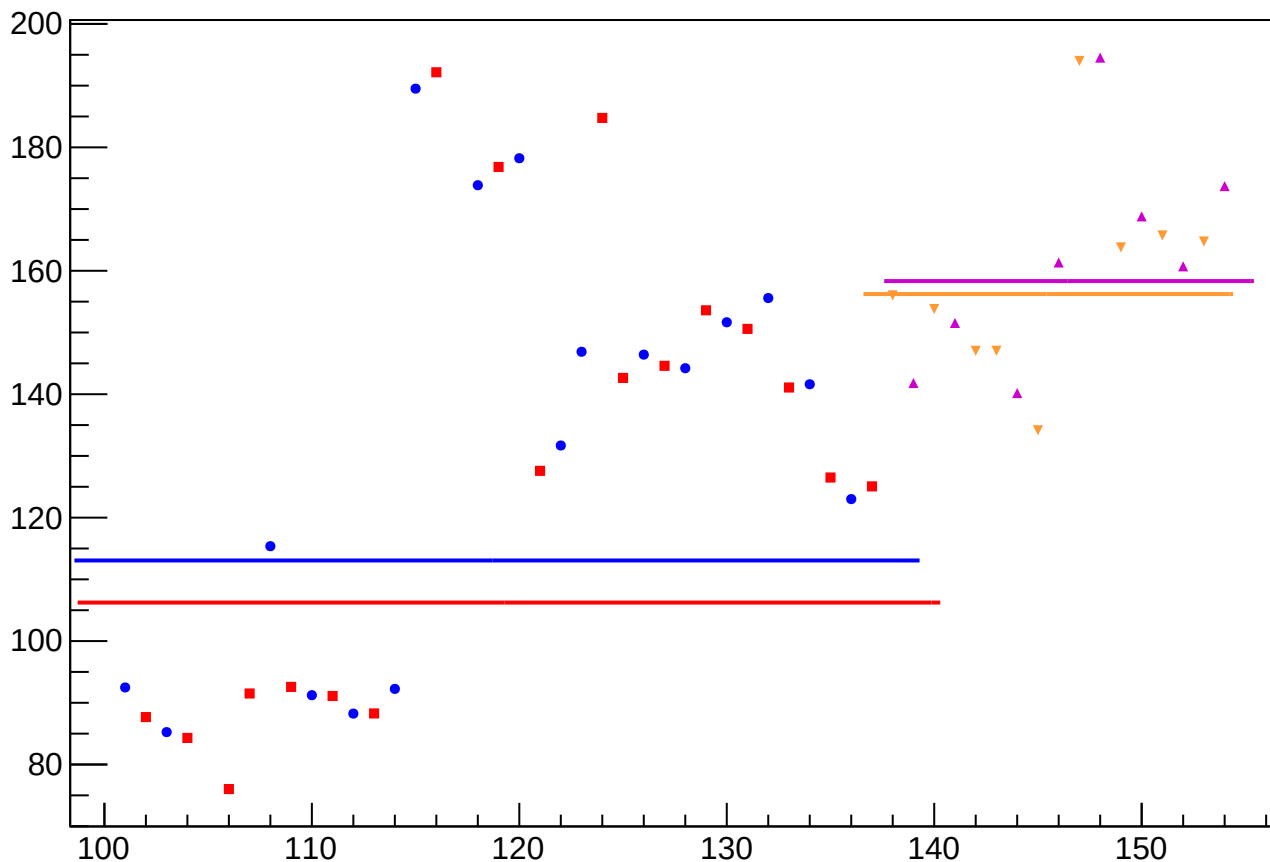
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 84.925 $\pm$ 36.443 χ^2/NDF : 23.0/24

Out: 91.022 $\pm$ 34.445 χ^2/NDF : 21.4/26

All: 88.145 $\pm$ 25.033 χ^2/NDF : 44.4/51

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 156.228 $\pm$ 0.043 χ^2/NDF :123544.6/8

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 158.335 $\pm$ 0.044 χ^2/NDF :130519.3/7

Left: 157.264 $\pm$ 0.031 χ^2/NDF : 255248.0/16

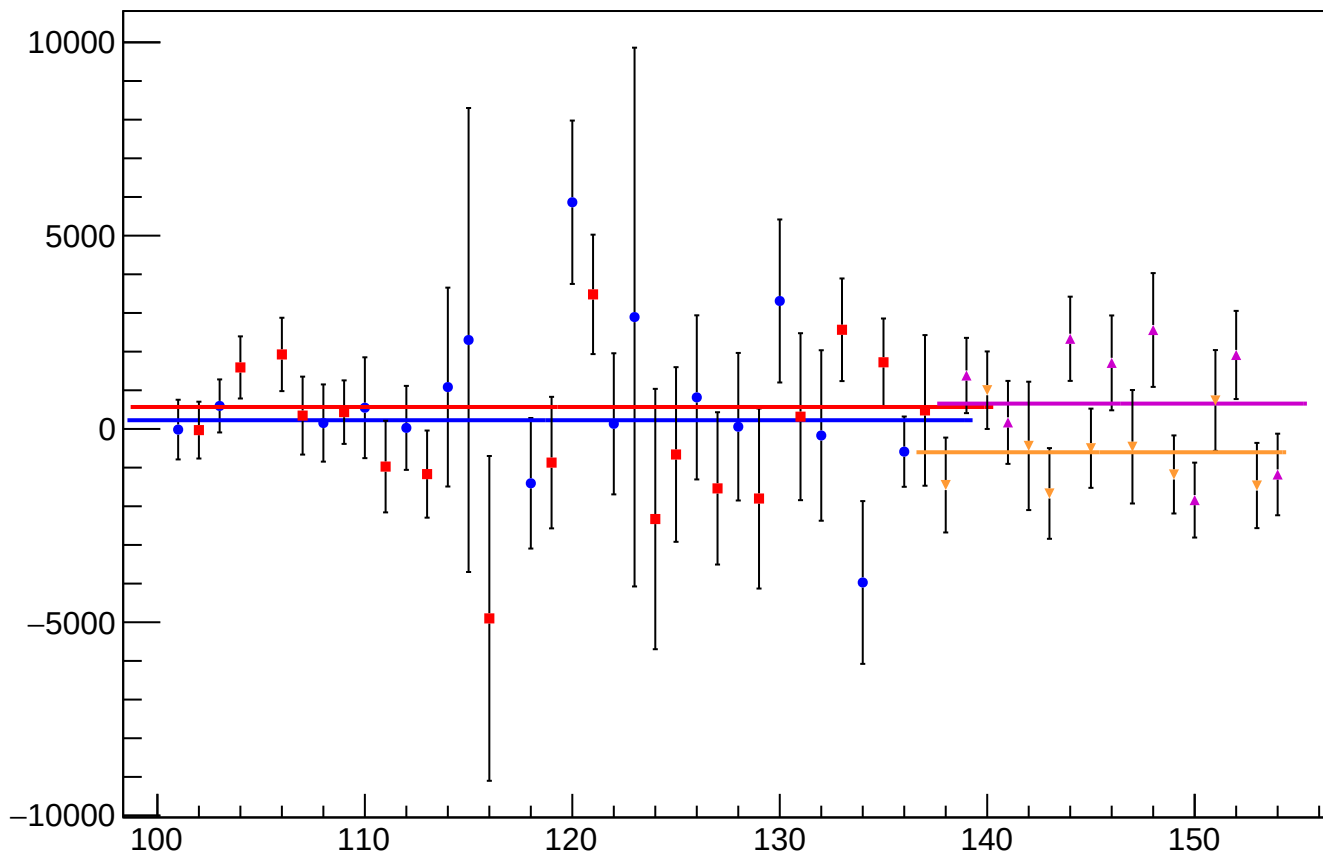
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 128.847 $\pm$ 0.026 χ^2/NDF :1652425.6/24

Out: 122.327 $\pm$ 0.024 χ^2/NDF :1994578.6/26

All: 125.403 $\pm$ 0.018 χ^2/NDF : 3680814.2/51

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -602.860 $\pm$ 390.515 χ^2 /NDF:5.9/8

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 655.497 $\pm$ 388.502 χ^2 /NDF:16.4/7

Left: 29.571 $\pm$ 275.421 χ^2 /NDF: 27.5/16

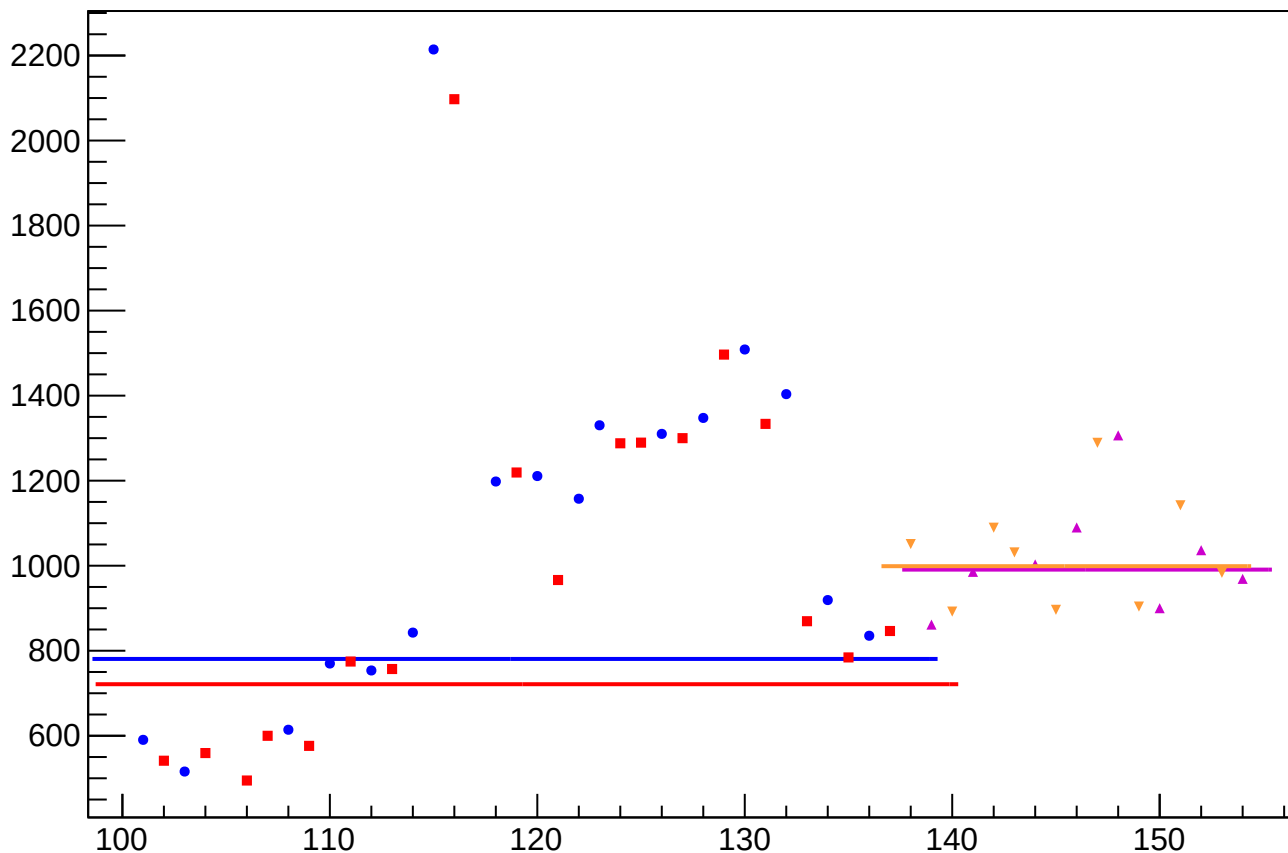
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 400.302 $\pm$ 247.647 χ^2 /NDF:33.1/24

Out: 150.964 $\pm$ 233.082 χ^2 /NDF:32.6/26

All: 268.085 $\pm$ 169.730 χ^2 /NDF: 66.3/51

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 998.852 $\pm$ 0.276 χ^2 /NDF:174237.4/8

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 990.811 $\pm$ 0.275 χ^2 /NDF:162316.3/7

Left: 994.811 $\pm$ 0.195 χ^2 /NDF: 336979.9/16

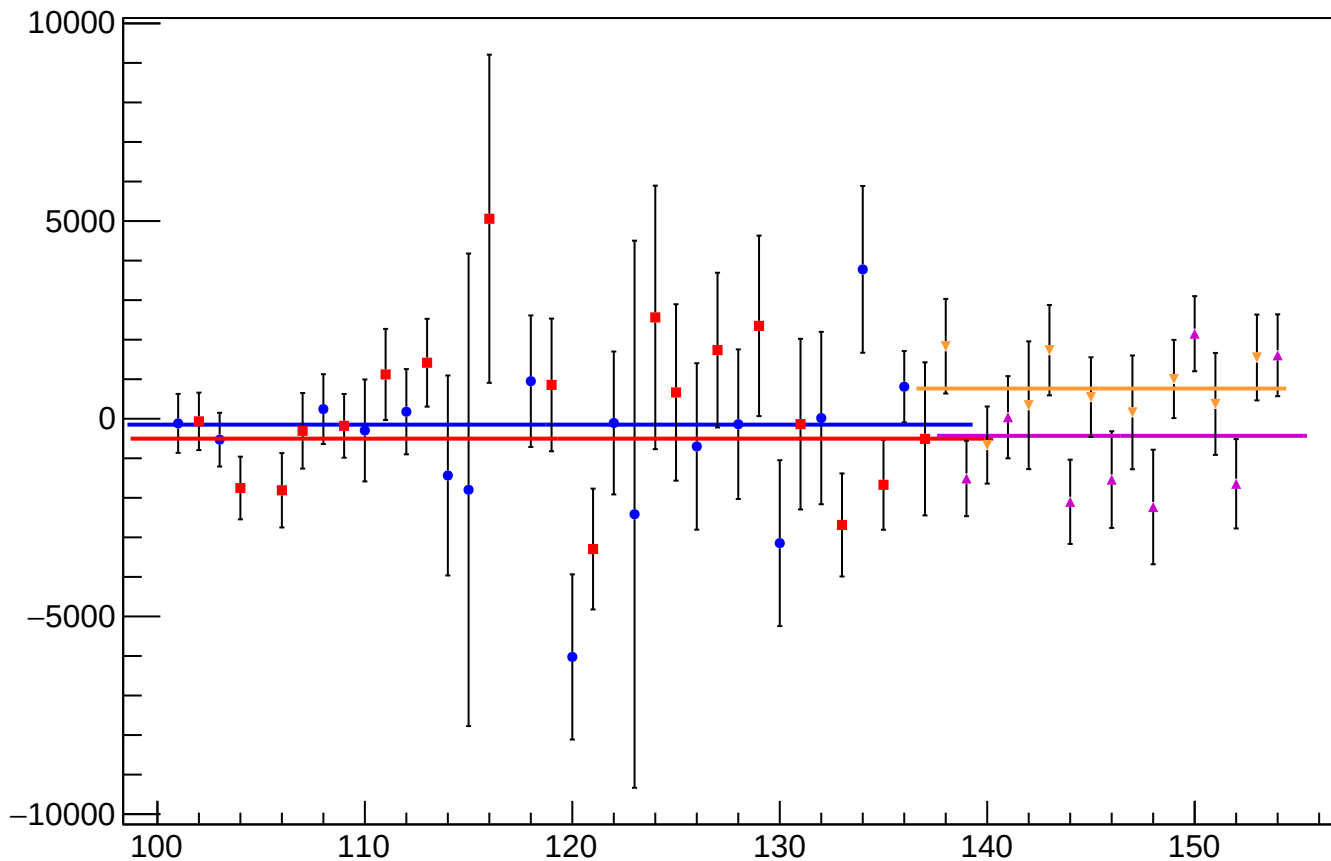
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 866.075 $\pm$ 0.175 χ^2 /NDF:2119109.5/24

Out: 820.151 $\pm$ 0.165 χ^2 /NDF:2451416.9/26

All: 841.723 $\pm$ 0.120 χ^2 /NDF: 4606995.6/51

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 764.376 ± 382.458 $\chi^2/\text{NDF}: 4.6/8$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -431.820 ± 381.407 $\chi^2/\text{NDF}: 18.7/7$

Left: 164.632 ± 270.066 $\chi^2/\text{NDF}: 28.3/16$

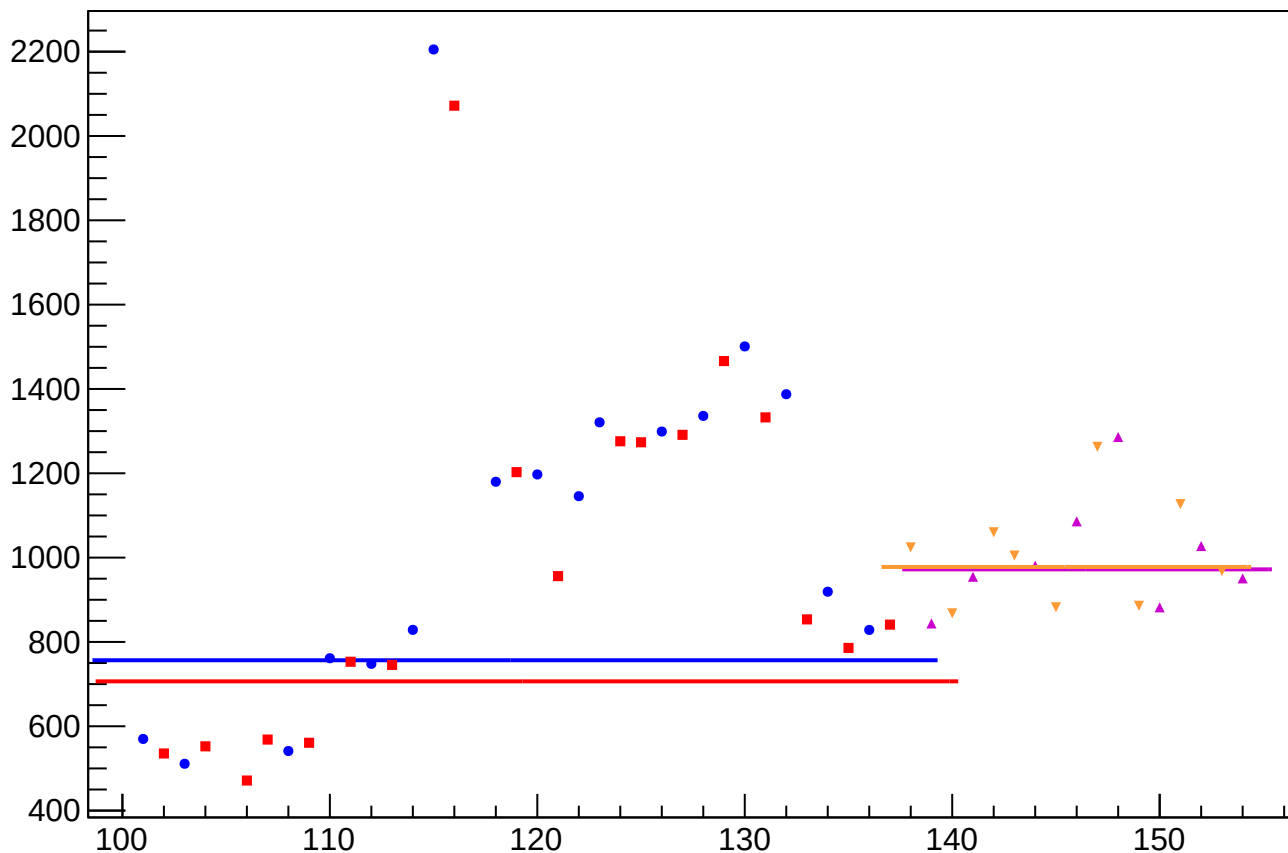
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -262.898 ± 241.939 $\chi^2/\text{NDF}: 35.2/24$

Out: -49.014 ± 228.930 $\chi^2/\text{NDF}: 35.3/26$

All: -150.051 ± 166.287 $\chi^2/\text{NDF}: 70.9/51$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 977.836 $\pm$ 0.270 χ^2 /NDF: 175355.4/8

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 972.140 $\pm$ 0.270 χ^2 /NDF: 171707.3/7

Left: 974.980 $\pm$ 0.191 χ^2 /NDF: 347285.0/16

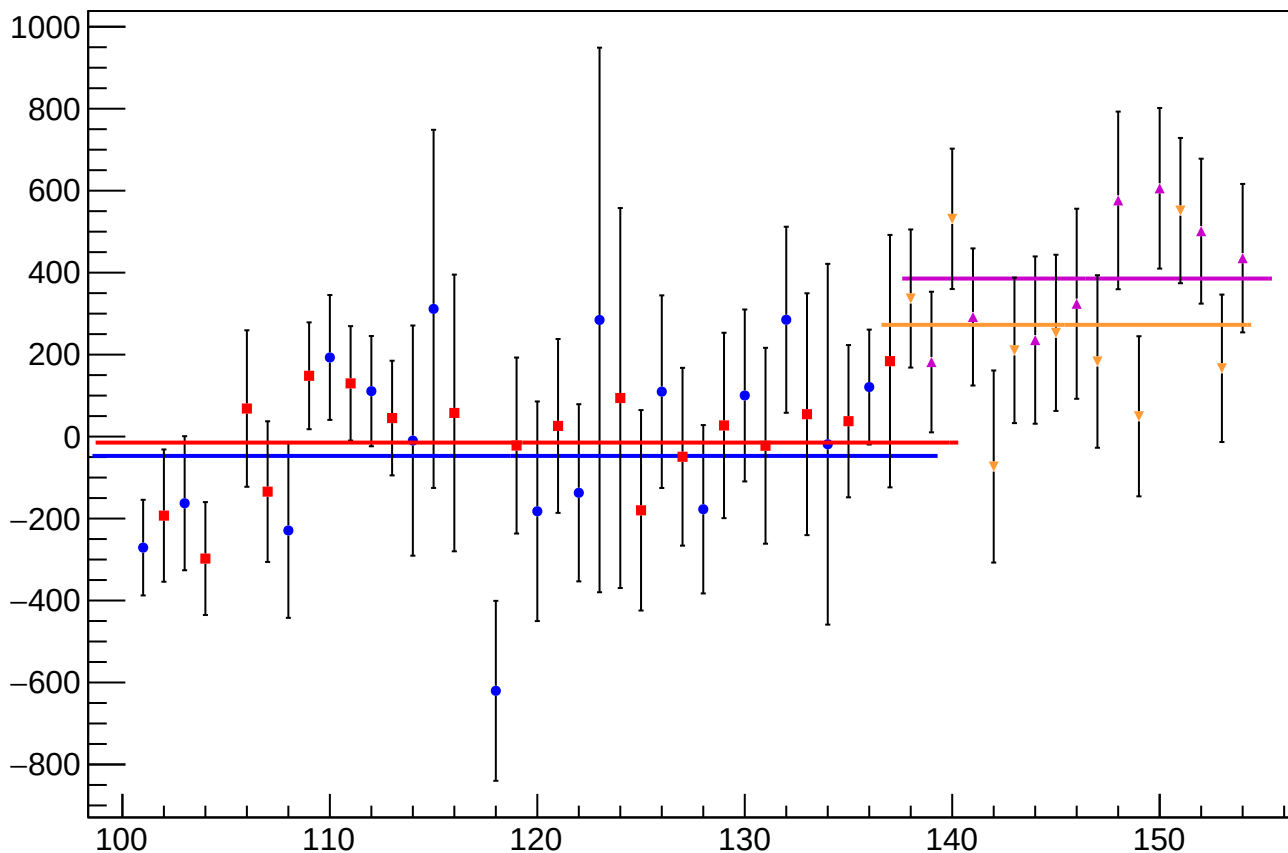
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 843.292 $\pm$ 0.171 χ^2 /NDF: 2267276.0/24

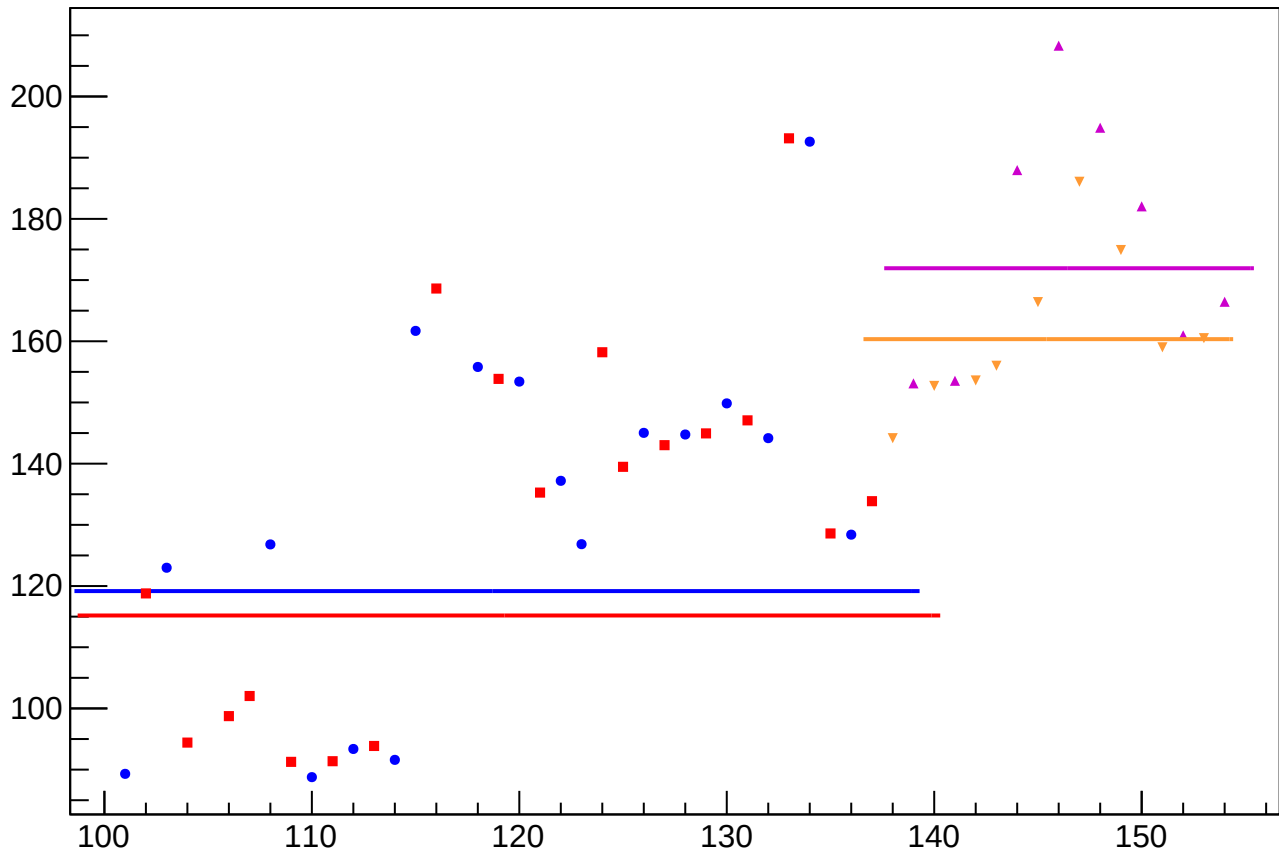
Out: 803.749 $\pm$ 0.162 χ^2 /NDF: 2491096.9/26

All: 822.429 $\pm$ 0.118 χ^2 /NDF: 4786560.6/51

dit_asym_sam6_mean vs Slug, Sign Corrected



dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 160.347 $\pm$ 0.044 χ^2/NDF : 68406.0/8

Right Out: 115.188 $\pm$ 0.032 χ^2/NDF : 675564.7/17

Left In: 171.935 $\pm$ 0.047 χ^2/NDF : 147071.2/7

Left: 165.705 $\pm$ 0.032 χ^2/NDF : 247548.0/16

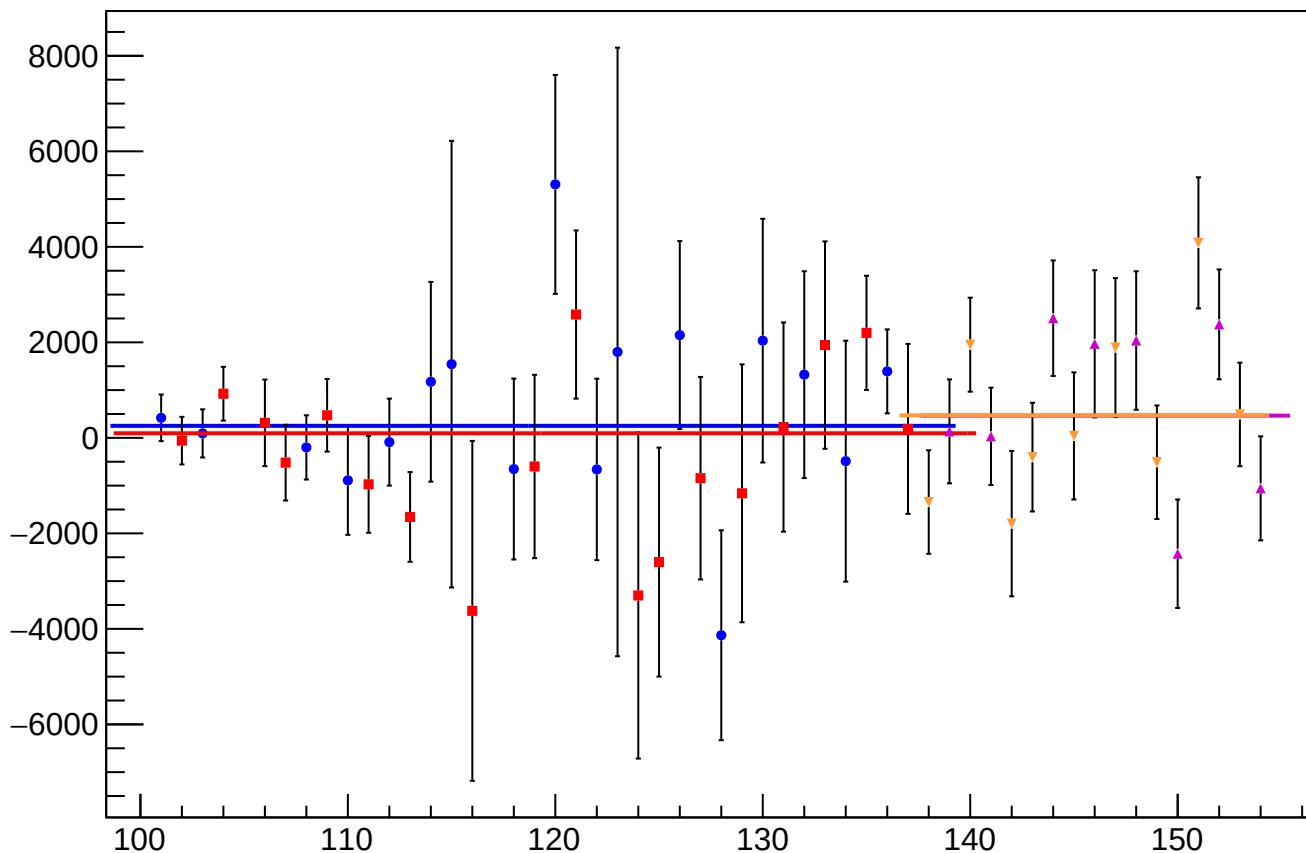
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 136.675 $\pm$ 0.027 χ^2/NDF : 1588821.6/24

Out: 130.629 $\pm$ 0.026 χ^2/NDF : 1437308.5/26

All: 133.470 $\pm$ 0.019 χ^2/NDF : 3052085.8/51

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 470.463+/-401.203 χ^2/NDF : 16.5/8

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 465.660+/-416.671 χ^2/NDF : 16.4/7

Left: 468.152+/-289.007 χ^2/NDF : 33.0/16

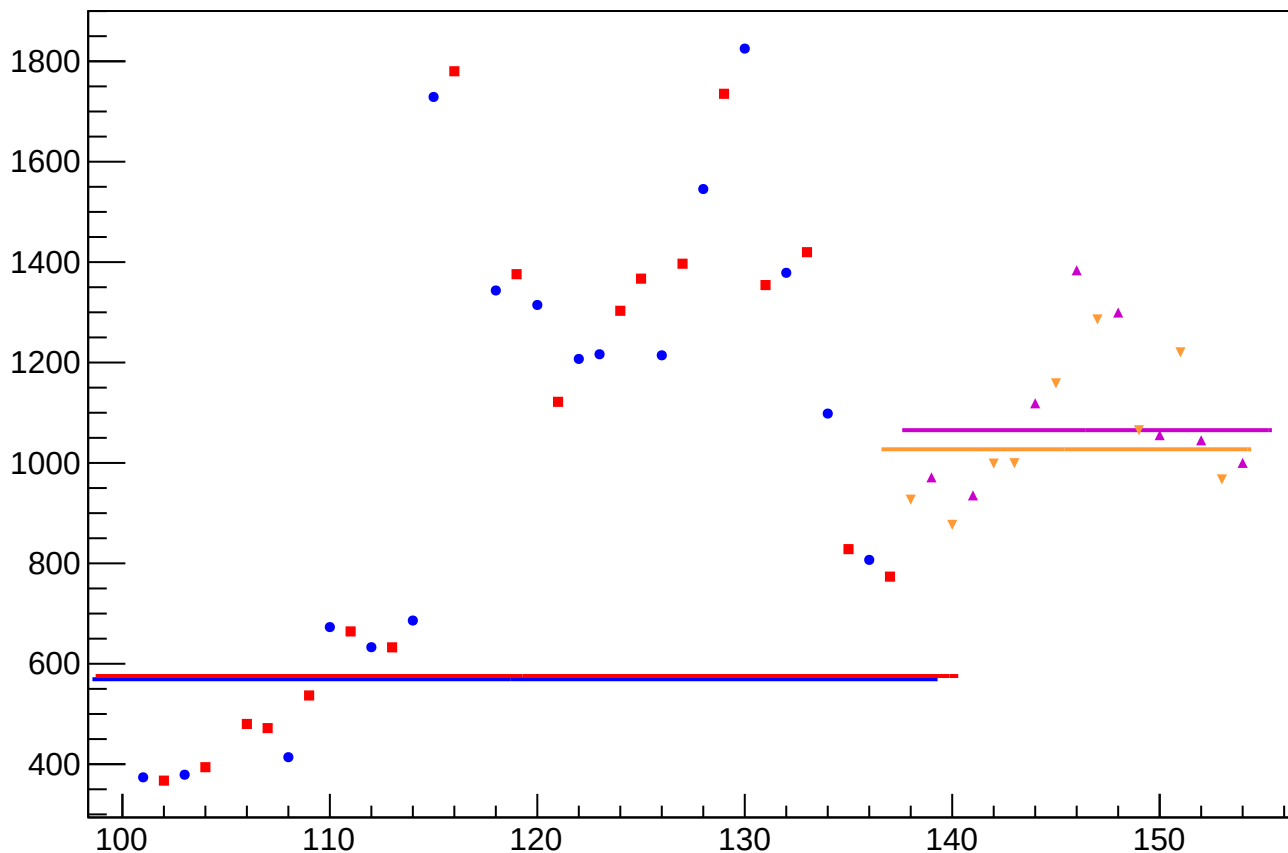
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 309.298+/-216.144 χ^2/NDF : 31.5/24

Out: 198.021+/-209.560 χ^2/NDF : 34.6/26

All: 251.939+/-150.455 χ^2/NDF : 66.3/51

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1027.194 $\pm$ 0.284 χ^2 /NDF:196141.9/8

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1065.289 $\pm$ 0.295 χ^2 /NDF:196869.7/7

Left: 1045.522 $\pm$ 0.204 χ^2 /NDF: 401686.7/16

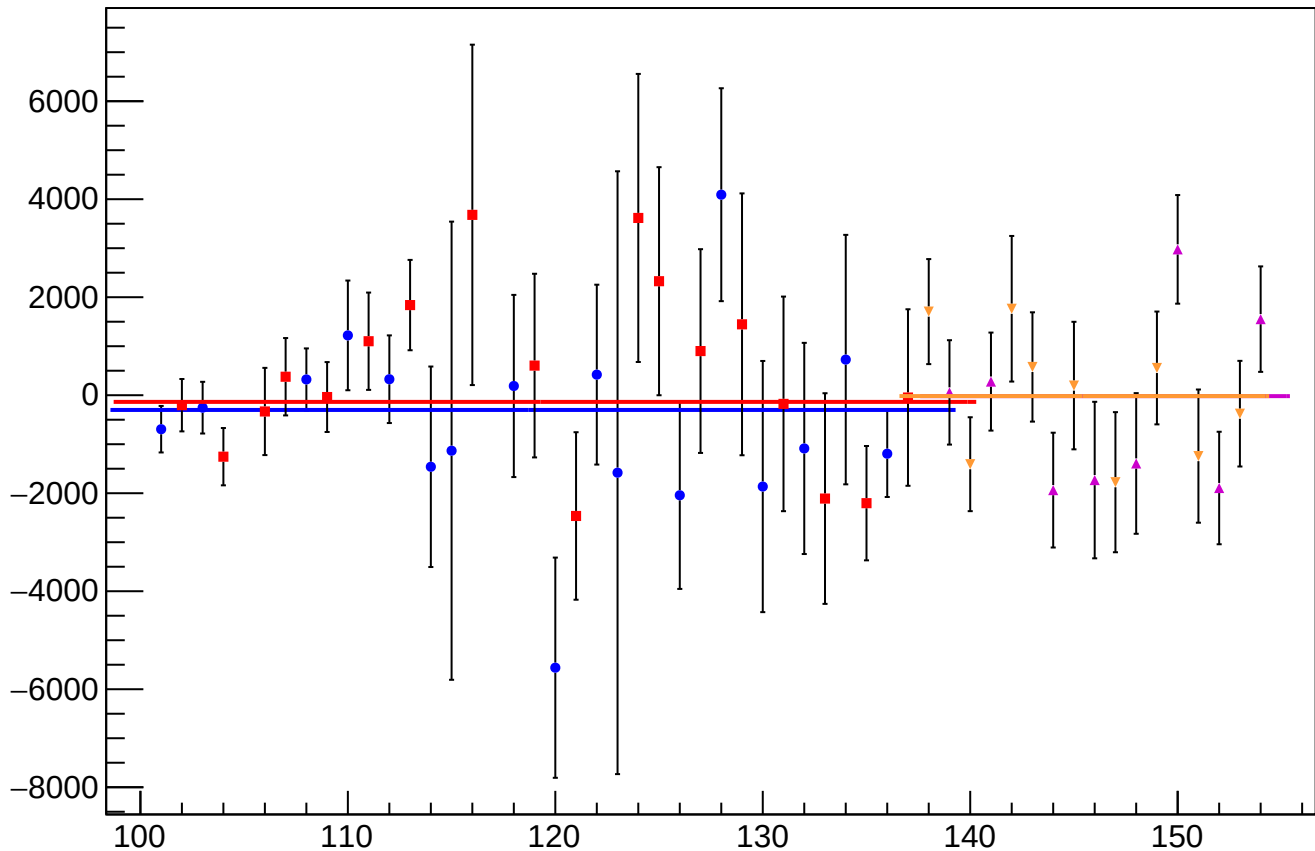
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 702.693 $\pm$ 0.153 χ^2 /NDF:5536098.9/24

Out: 698.795 $\pm$ 0.148 χ^2 /NDF:5097167.2/26

All: 700.684 $\pm$ 0.106 χ^2 /NDF: 10633601.3/51

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -17.743 ± 393.657 $\chi^2/\text{NDF}: 9.1/8$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: -18.677 ± 410.865 $\chi^2/\text{NDF}: 16.9/7$

Left: -18.190 ± 284.246 $\chi^2/\text{NDF}: 26.1/16$

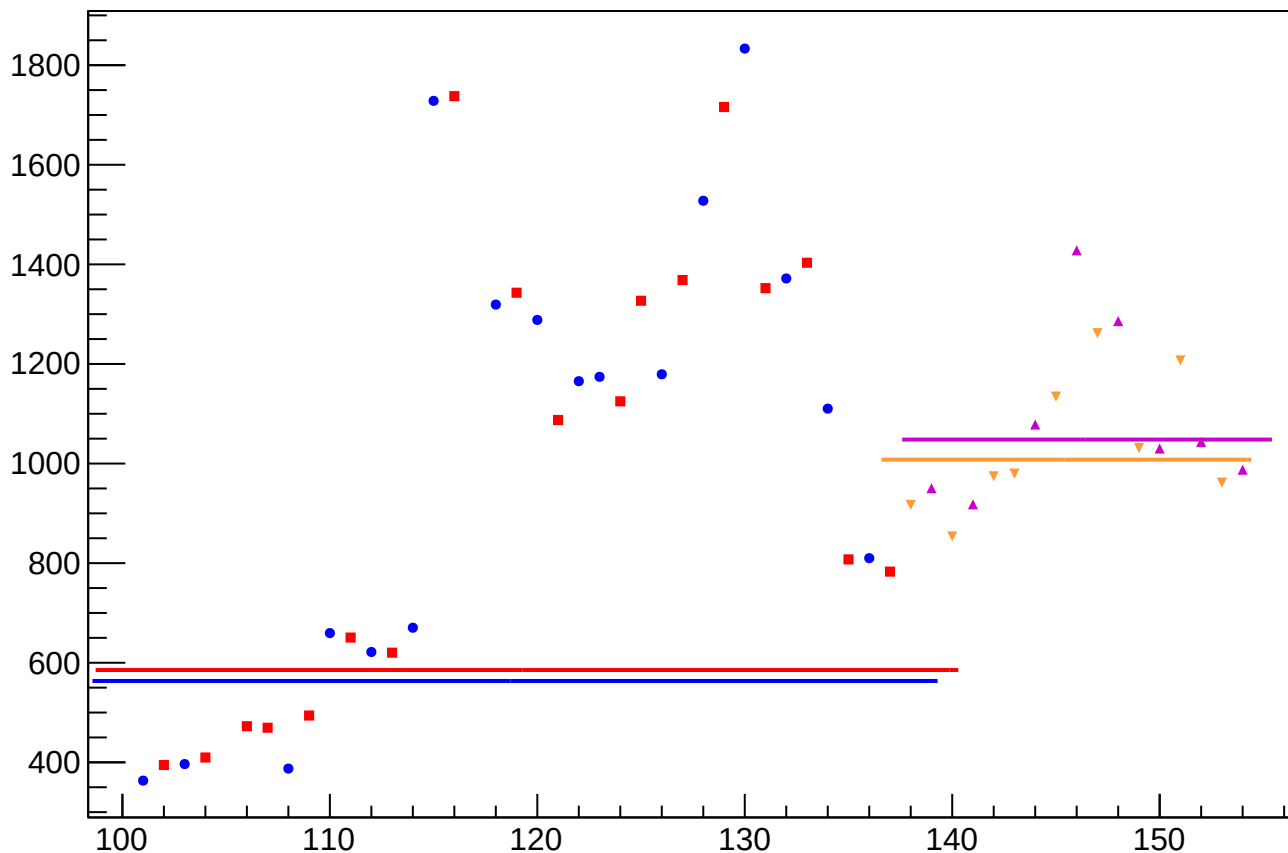
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -224.328 ± 213.759 $\chi^2/\text{NDF}: 34.0/24$

Out: -102.537 ± 209.645 $\chi^2/\text{NDF}: 30.1/26$

All: -162.249 ± 149.675 $\chi^2/\text{NDF}: 64.2/51$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2/NDF : 3259045.7/16

Left Out: 1007.853 $\pm$ 0.278 χ^2/NDF :197838.8/8

Right Out: 585.438 $\pm$ 0.175 χ^2/NDF : 2818143.7/17

Left In: 1048.172 $\pm$ 0.291 χ^2/NDF :227023.1/7

Left: 1027.150 $\pm$ 0.201 χ^2/NDF : 434903.7/16

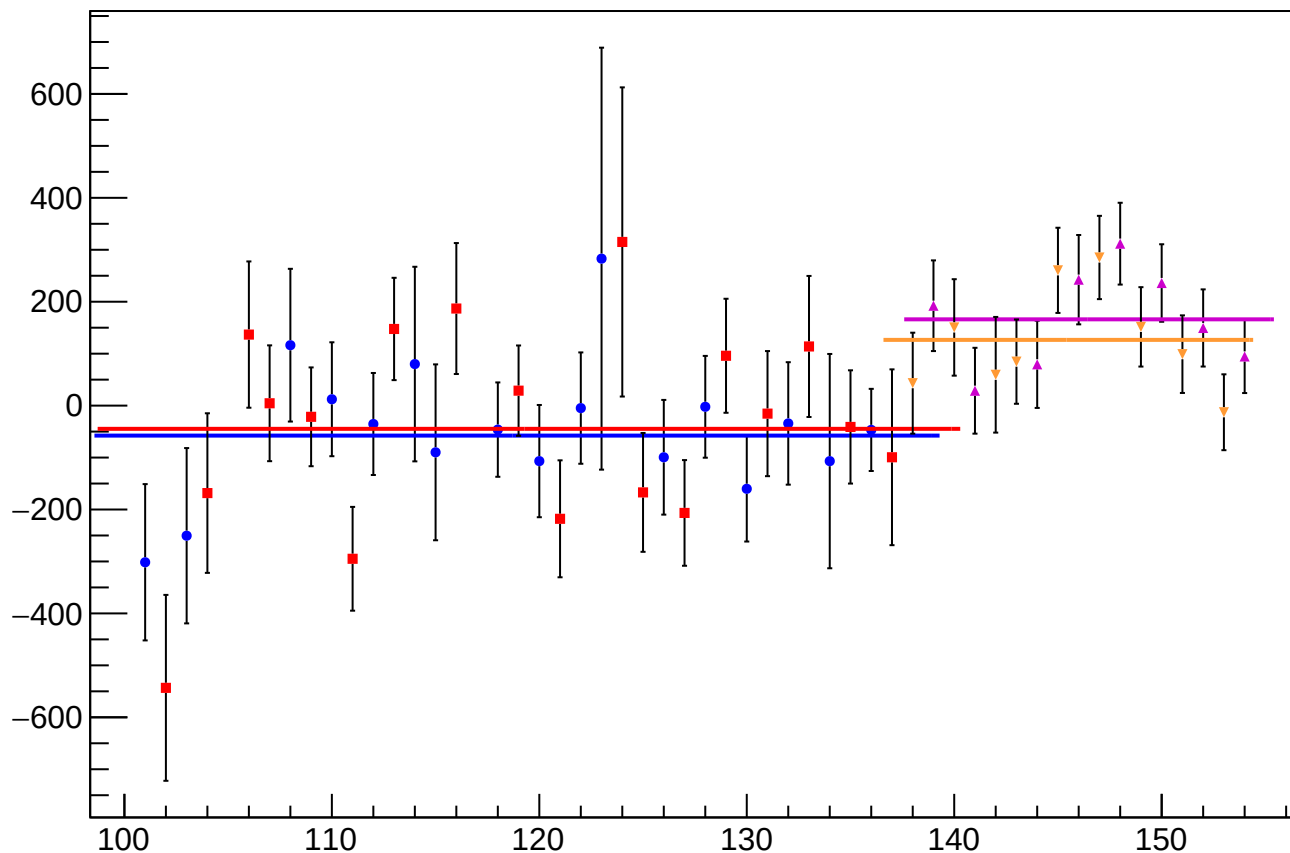
Right: 574.531 $\pm$ 0.124 χ^2/NDF : 6085027.9/34

In: 694.612 $\pm$ 0.151 χ^2/NDF :5516734.1/24

Out: 705.242 $\pm$ 0.148 χ^2/NDF :4665724.3/26

All: 700.030 $\pm$ 0.106 χ^2/NDF : 10184979.9/51

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 126.549 ± 27.768 χ^2/NDF : 11.9/8

Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17

Left In: 166.091 ± 27.964 χ^2/NDF : 10.1/7

Left: 146.181 ± 19.704 χ^2/NDF : 23.0/16

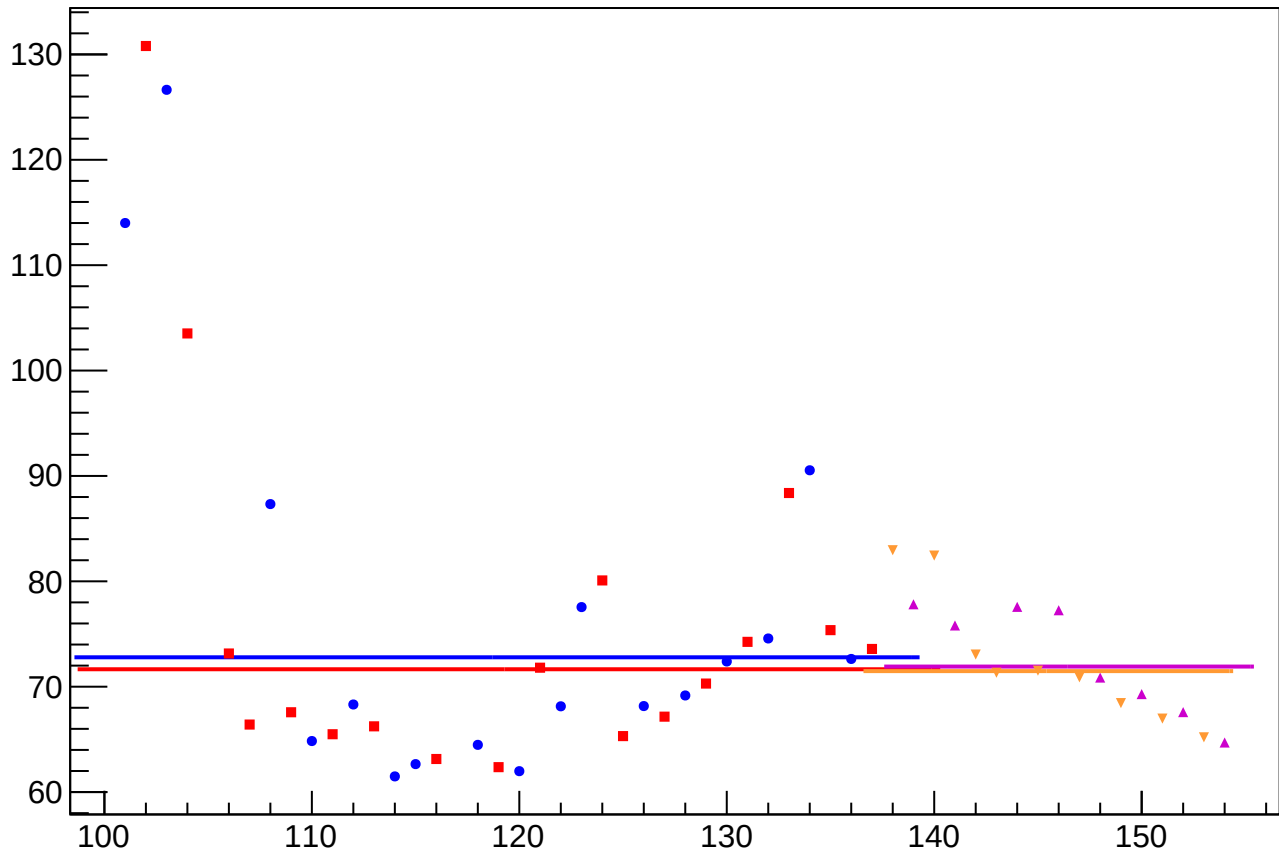
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: 57.070 ± 20.027 χ^2/NDF : 50.4/24

Out: 40.752 ± 19.615 χ^2/NDF : 66.1/26

All: 48.742 ± 14.013 χ^2/NDF : 116.9/51

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 +/- 0.020 χ^2/NDF : 464772.9/16

Left Out: 71.478 +/- 0.020 χ^2/NDF : 81526.2/8

Right Out: 71.655 +/- 0.020 χ^2/NDF : 404376.9/17

Left In: 71.911 +/- 0.020 χ^2/NDF : 60975.8/7

Left: 71.693 +/- 0.014 χ^2/NDF : 142742.5/16

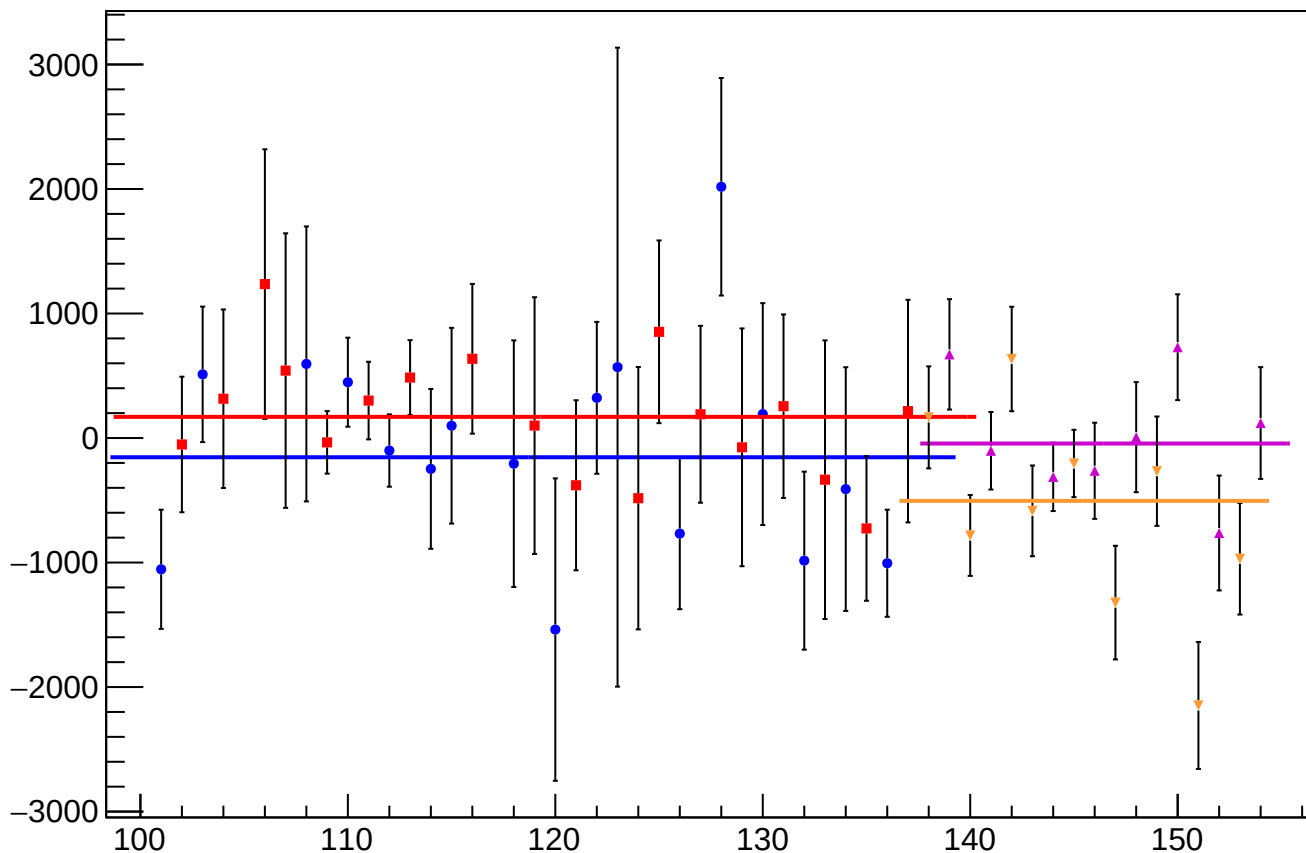
Right: 72.203 +/- 0.014 χ^2/NDF : 870767.9/34

In: 72.339 +/- 0.014 χ^2/NDF : 526711.6/24

Out: 71.567 +/- 0.014 χ^2/NDF : 485943.7/26

All: 71.945 +/- 0.010 χ^2/NDF : 1014171.8/51

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -504.583 $\pm$ 127.894 χ^2/NDF : 27.0/8

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -44.151 $\pm$ 134.003 χ^2/NDF : 9.8/7

Left: -285.101 $\pm$ 92.519 χ^2/NDF : 43.0/16

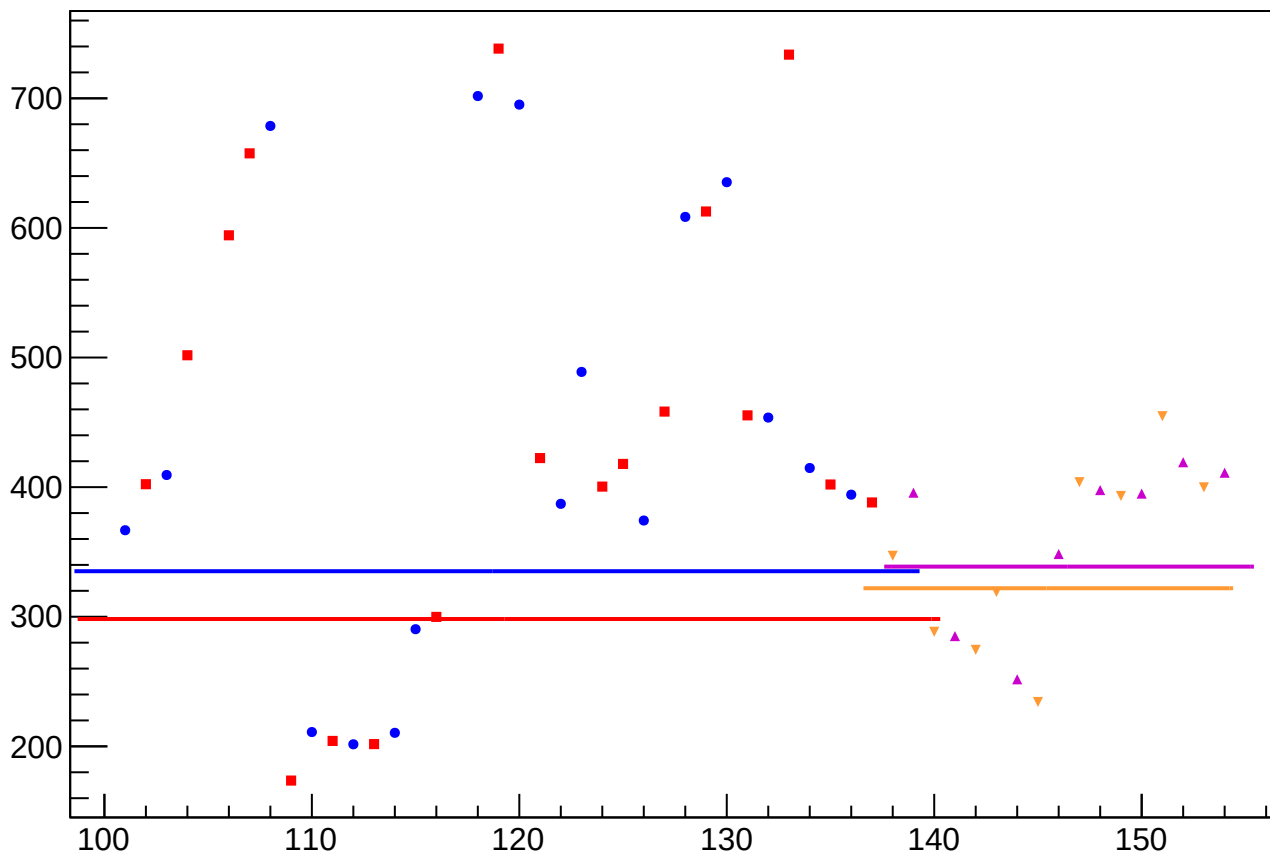
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -96.591 $\pm$ 97.036 χ^2/NDF : 33.3/24

Out: -162.834 $\pm$ 89.837 χ^2/NDF : 49.5/26

All: -132.260 $\pm$ 65.923 χ^2/NDF : 83.1/51

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 321.988 $\pm$ 0.090 χ^2 /NDF: 578024.8/8

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 338.683 $\pm$ 0.095 χ^2 /NDF: 478196.3/7

Left: 329.946 $\pm$ 0.065 χ^2 /NDF: 1072466.8/16

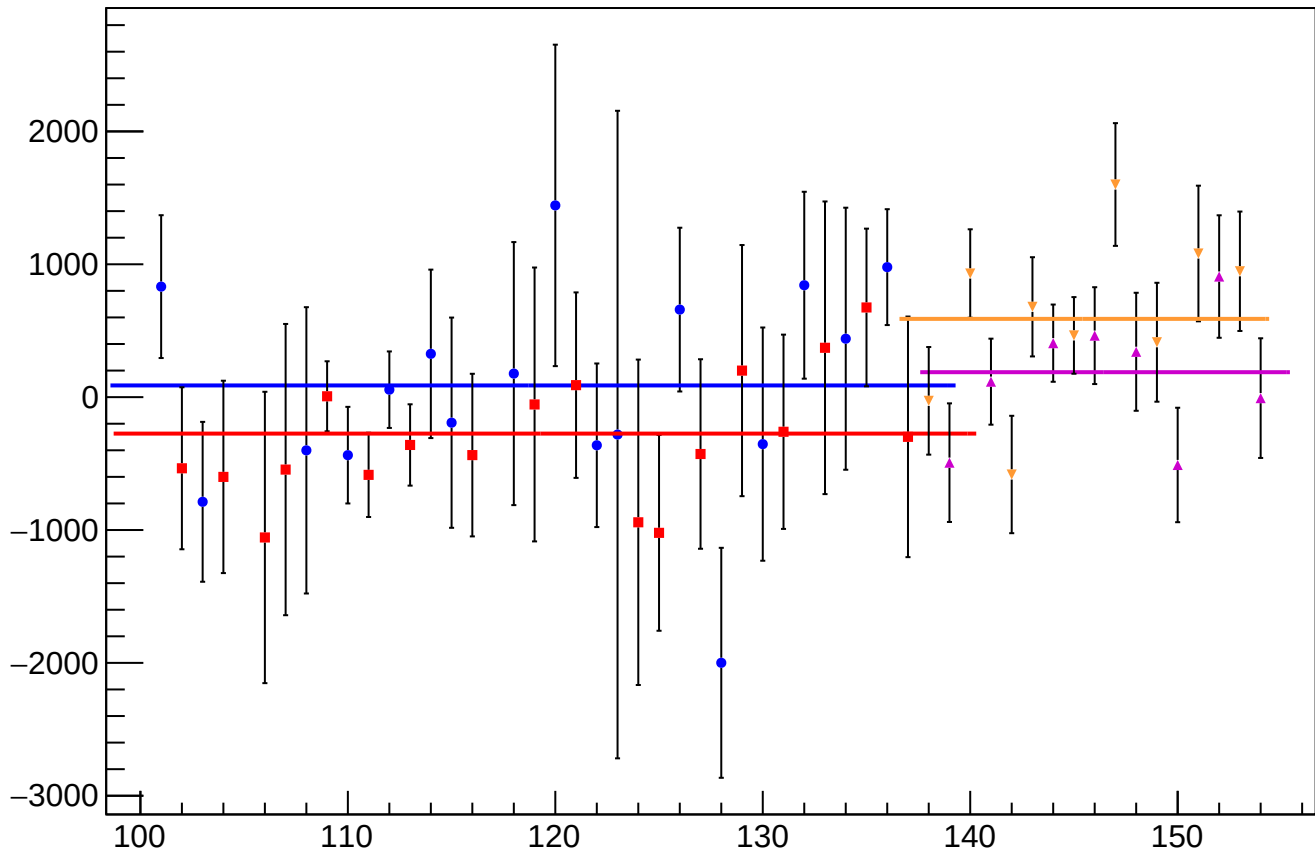
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 336.995 $\pm$ 0.069 χ^2 /NDF: 2472908.4/24

Out: 309.964 $\pm$ 0.064 χ^2 /NDF: 3389472.9/26

All: 322.440 $\pm$ 0.047 χ^2 /NDF: 5945949.2/51

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 589.120 ± 131.395 $\chi^2/\text{NDF}: 17.2/8$

Right Out: -274.340 ± 129.866 $\chi^2/\text{NDF}: 8.0/17$

Left In: 187.832 ± 136.046 $\chi^2/\text{NDF}: 8.9/7$

Left: 395.453 ± 94.512 $\chi^2/\text{NDF}: 30.5/16$

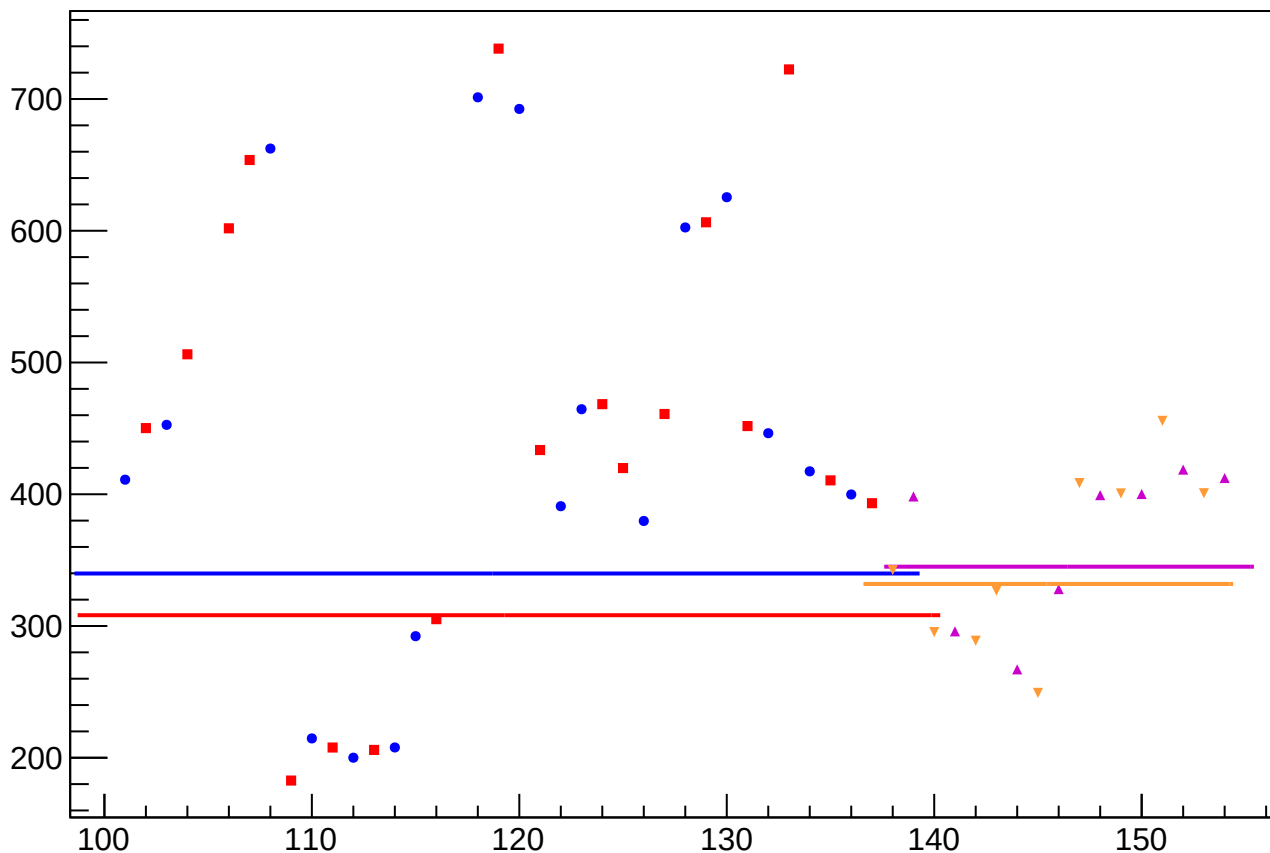
Right: -110.540 ± 96.143 $\chi^2/\text{NDF}: 32.4/34$

In: 140.463 ± 98.572 $\chi^2/\text{NDF}: 29.9/24$

Out: 152.338 ± 92.365 $\chi^2/\text{NDF}: 47.0/26$

All: 146.786 ± 67.399 $\chi^2/\text{NDF}: 77.0/51$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 331.924 $\pm$ 0.093 χ^2 /NDF: 475998.4/8

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 345.023 $\pm$ 0.096 χ^2 /NDF: 381156.0/7

Left: 338.245 $\pm$ 0.067 χ^2 /NDF: 866747.2/16

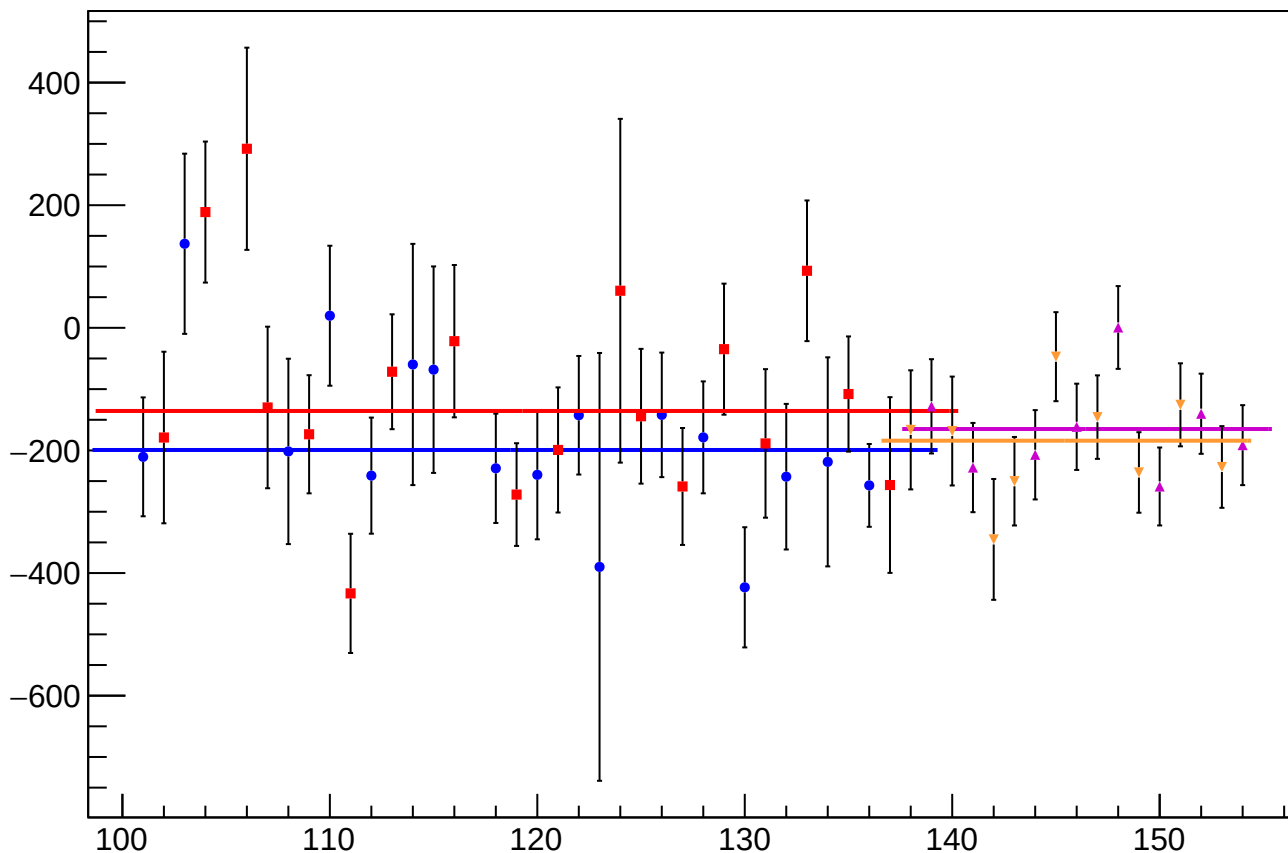
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 342.565 $\pm$ 0.070 χ^2 /NDF: 2426052.0/24

Out: 319.922 $\pm$ 0.065 χ^2 /NDF: 3207810.9/26

All: 330.509 $\pm$ 0.048 χ^2 /NDF: 5690056.4/51

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -184.110 ± 24.934 $\chi^2/\text{NDF}: 9.2/8$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -165.065 ± 24.366 $\chi^2/\text{NDF}: 9.8/7$

Left: -174.368 ± 17.427 $\chi^2/\text{NDF}: 19.4/16$

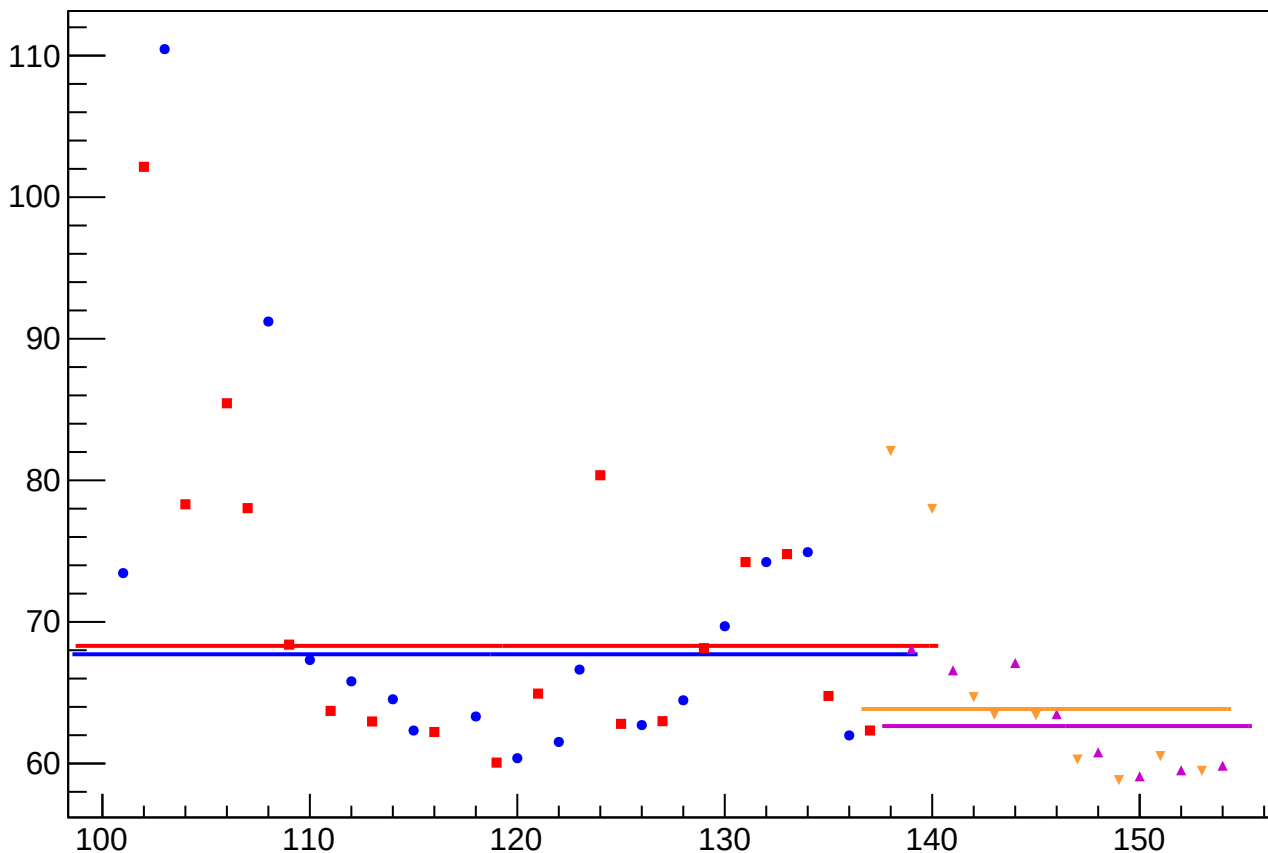
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -180.717 ± 17.941 $\chi^2/\text{NDF}: 28.3/24$

Out: -161.115 ± 18.079 $\chi^2/\text{NDF}: 47.7/26$

All: -170.991 ± 12.735 $\chi^2/\text{NDF}: 76.6/51$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 63.850 $\pm$ 0.018 χ^2/NDF : 151977.1/8

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.645 $\pm$ 0.017 χ^2/NDF : 39633.5/7

Left: 63.234 $\pm$ 0.012 χ^2/NDF : 194000.0/16

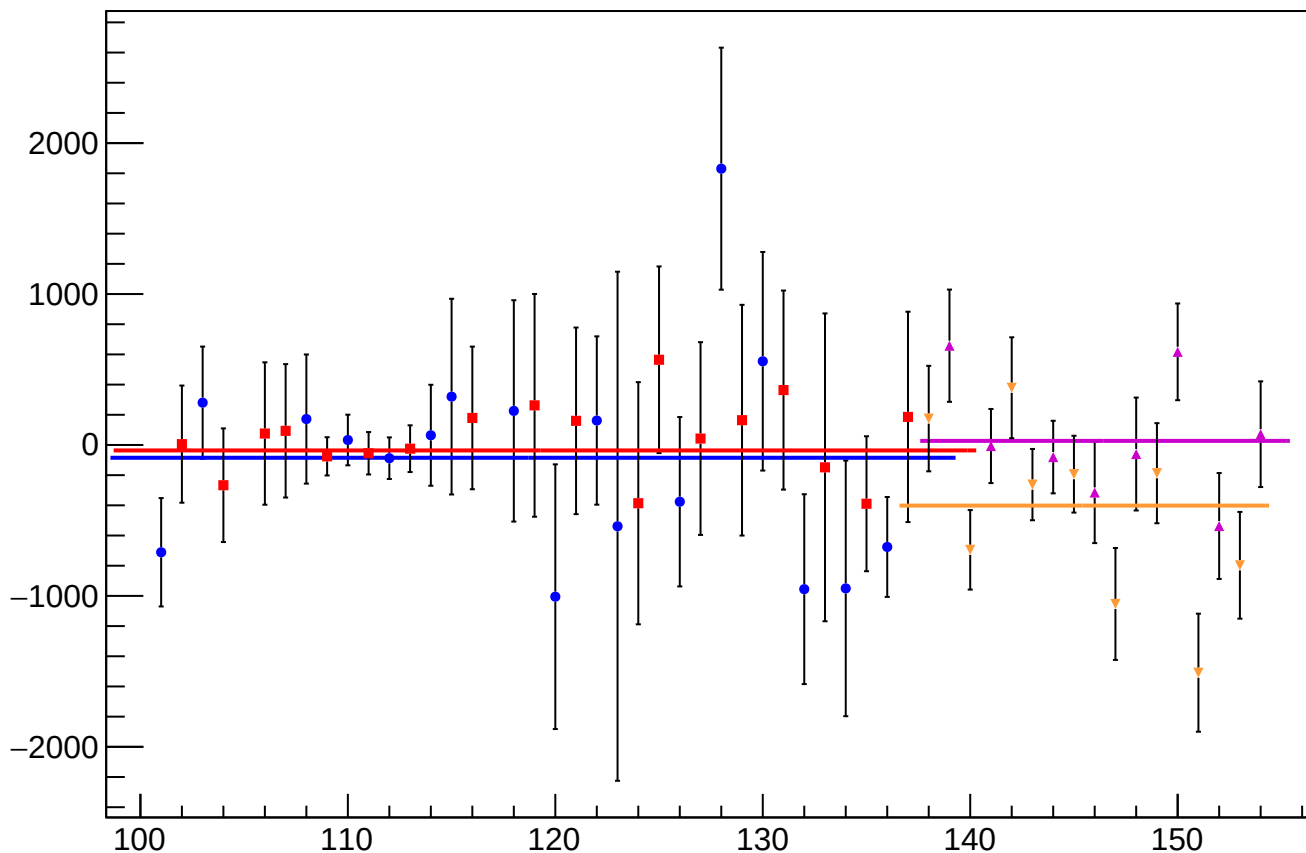
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.967 $\pm$ 0.013 χ^2/NDF : 362172.9/24

Out: 65.965 $\pm$ 0.013 χ^2/NDF : 416615.1/26

All: 65.462 $\pm$ 0.009 χ^2/NDF : 781858.6/51

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -401.660 ± 102.159 χ^2/NDF : 23.2/8

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: 27.076 ± 109.647 χ^2/NDF : 10.2/7

Left: -202.430 ± 74.745 χ^2/NDF : 41.6/16

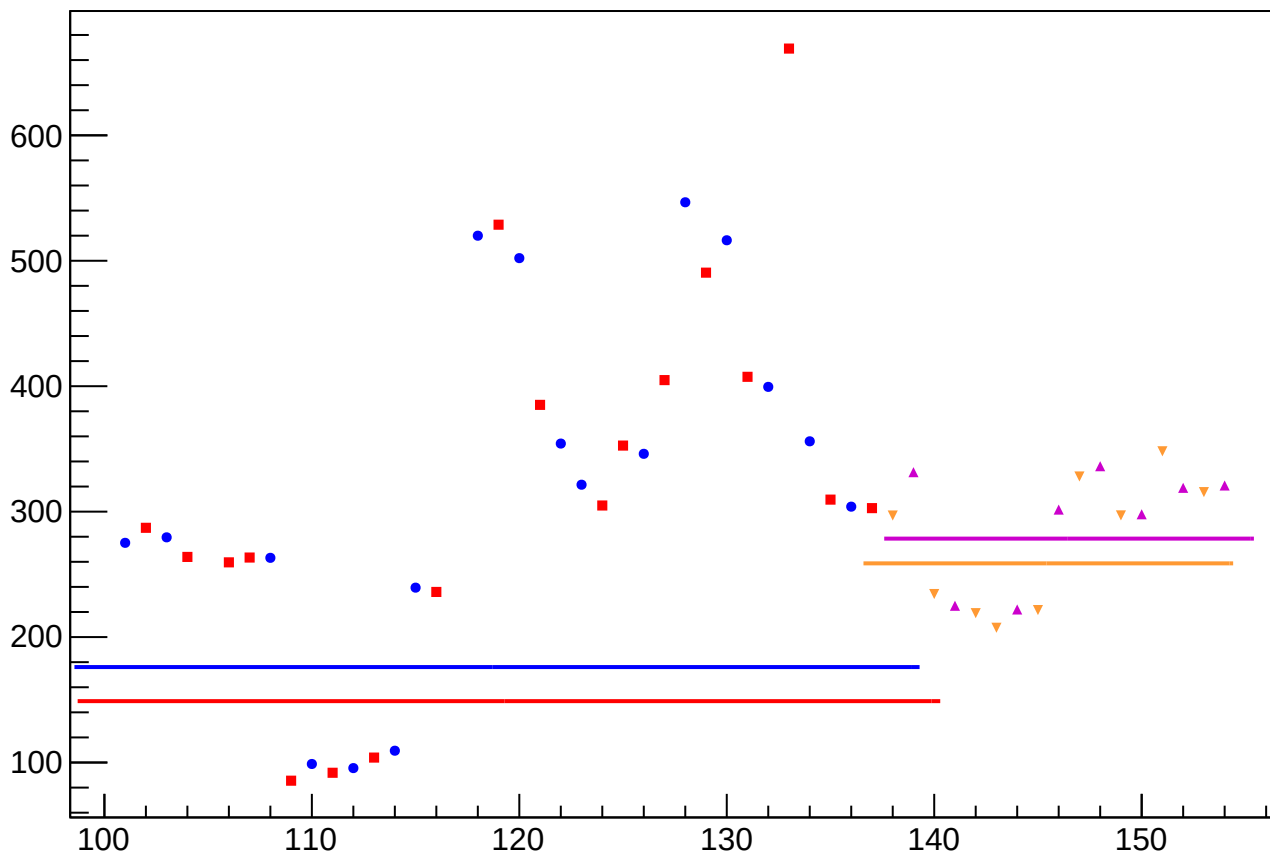
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: -44.228 ± 66.009 χ^2/NDF : 30.7/24

Out: -152.350 ± 57.604 χ^2/NDF : 35.4/26

All: -105.607 ± 43.402 χ^2/NDF : 67.6/51

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 258.765+/-0.072 χ^2/NDF : 458878.2/8

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 278.494+/-0.078 χ^2/NDF : 366388.5/7

Left: 267.933+/-0.053 χ^2/NDF : 859929.7/16

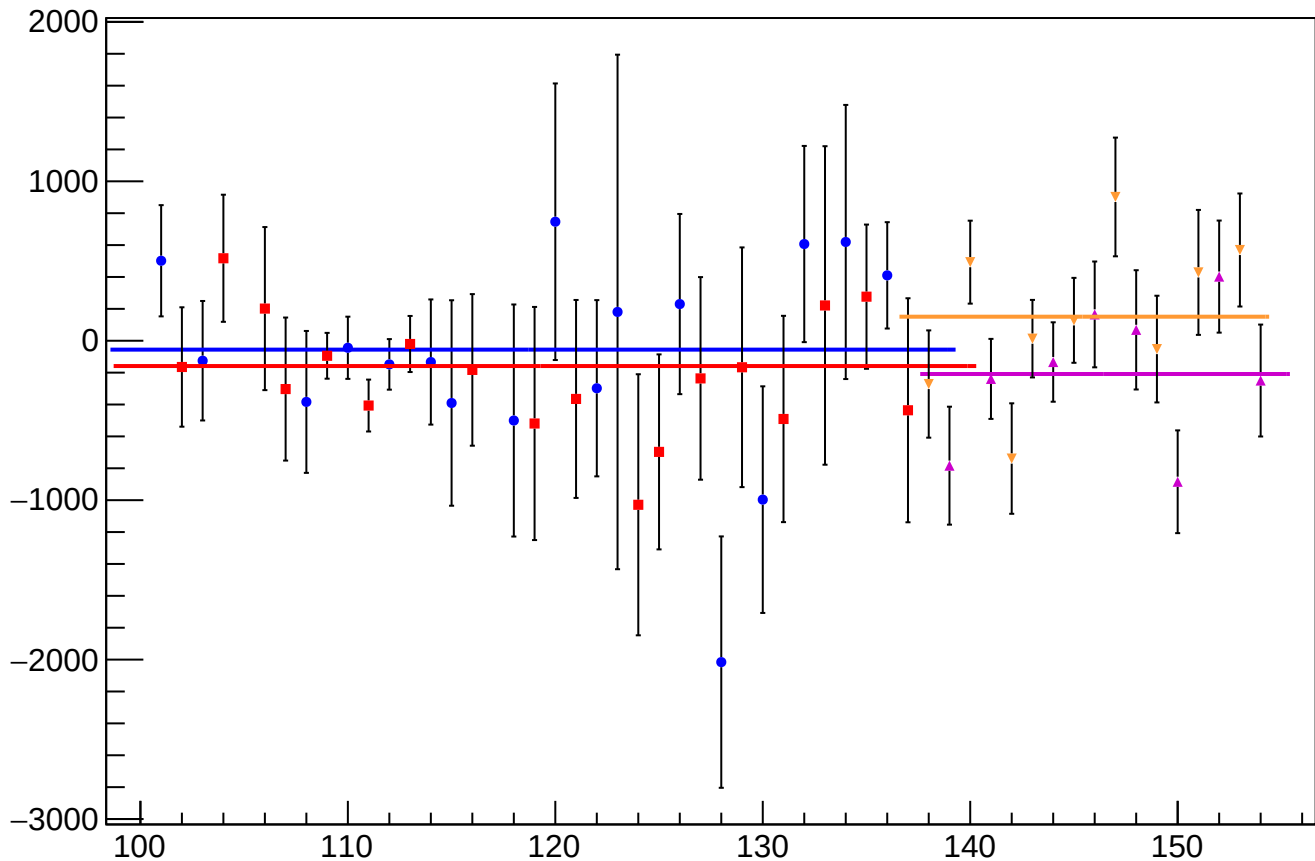
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 213.207+/-0.047 χ^2/NDF : 5702166.5/24

Out: 183.853+/-0.041 χ^2/NDF : 6806539.2/26

All: 196.543+/-0.031 χ^2/NDF : 12733237.3/51

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 150.872 ± 103.382 $\chi^2/\text{NDF}: 16.6/8$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -208.592 ± 110.862 $\chi^2/\text{NDF}: 11.8/7$

Left: -16.325 ± 75.608 $\chi^2/\text{NDF}: 34.0/16$

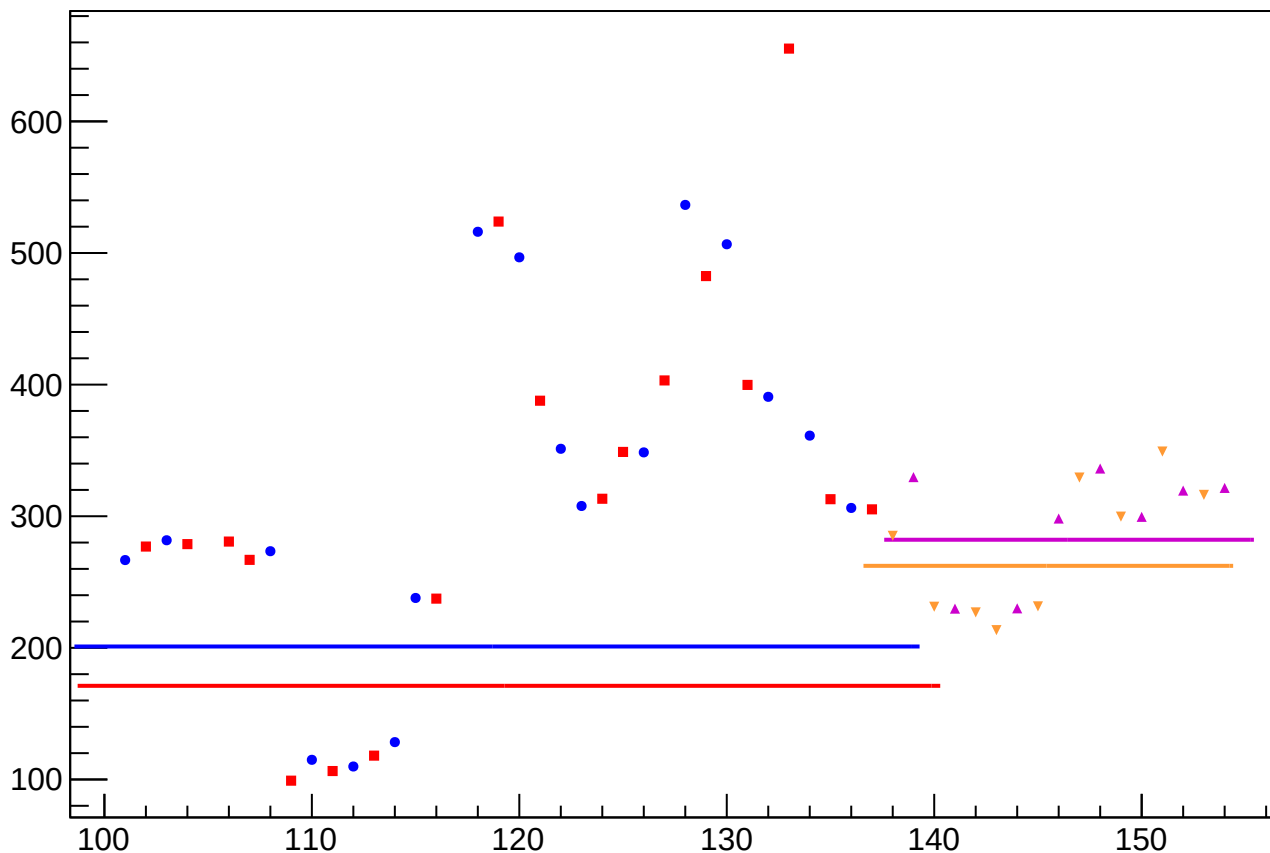
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -116.914 ± 70.140 $\chi^2/\text{NDF}: 30.1/24$

Out: -48.093 ± 61.791 $\chi^2/\text{NDF}: 32.7/26$

All: -78.166 ± 46.365 $\chi^2/\text{NDF}: 63.3/51$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 262.314+/-0.073 χ^2/NDF : 400444.9/8

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 282.140+/-0.078 χ^2/NDF : 307750.2/7

Left: 271.535+/-0.053 χ^2/NDF : 742405.8/16

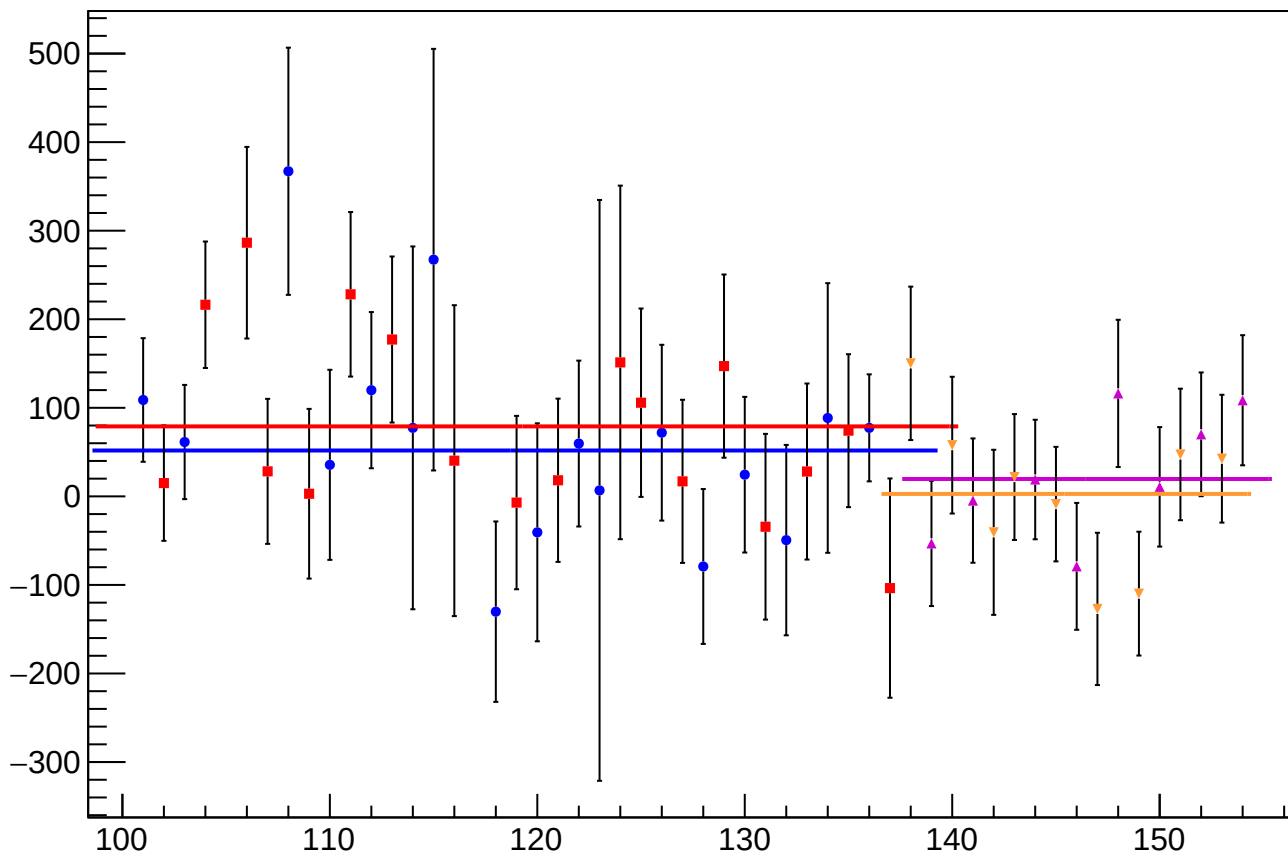
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 233.501+/-0.050 χ^2/NDF : 4382702.3/24

Out: 203.723+/-0.044 χ^2/NDF : 5465475.7/26

All: 216.735+/-0.033 χ^2/NDF : 10051139.2/53

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 2.785 $\pm$ 25.266 χ^2 /NDF: 9.3/8

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 19.627 $\pm$ 25.226 χ^2 /NDF: 6.4/7

Left: 11.219 $\pm$ 17.851 χ^2 /NDF: 15.9/16

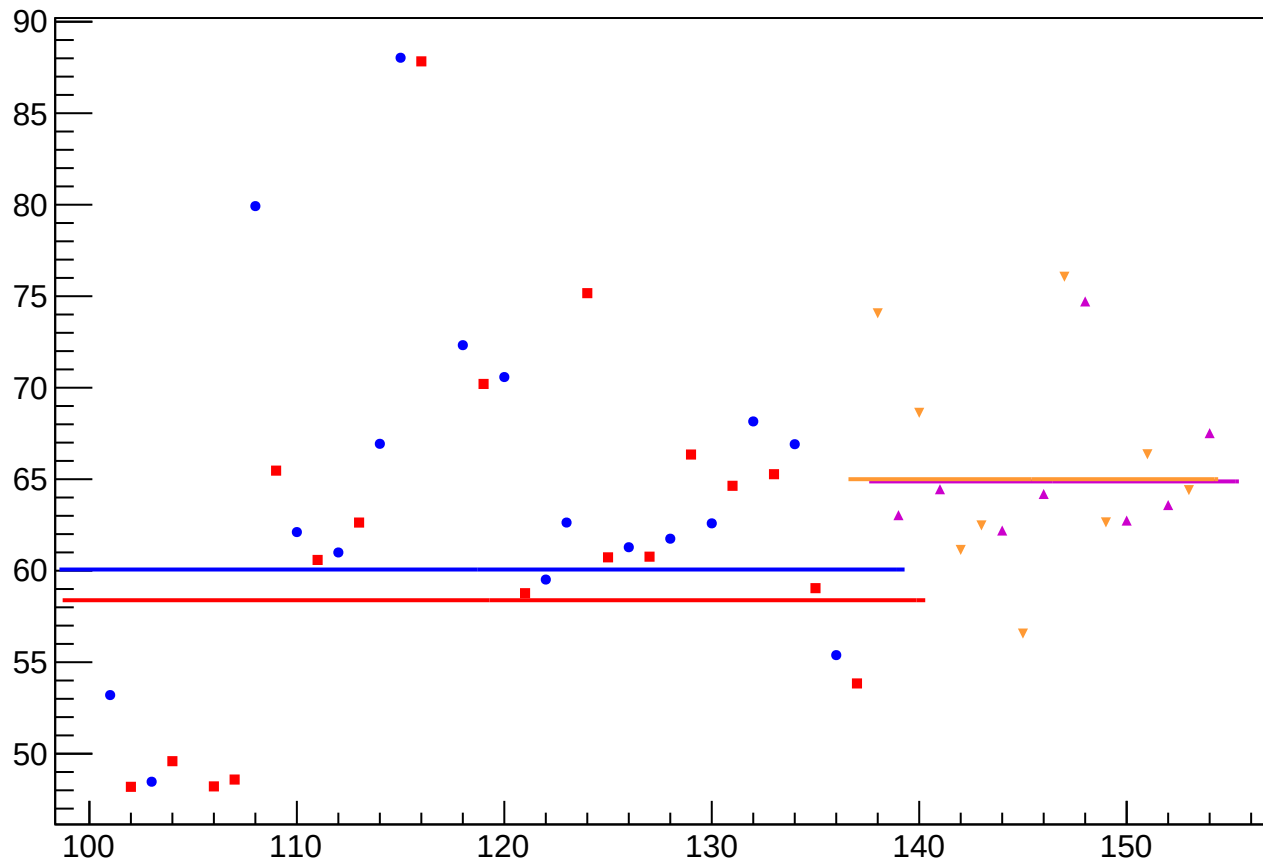
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 36.825 $\pm$ 17.210 χ^2 /NDF: 21.8/24

Out: 45.297 $\pm$ 16.803 χ^2 /NDF: 33.3/26

All: 41.162 $\pm$ 12.023 χ^2 /NDF: 55.3/51

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: 65.001 $\pm$ 0.018 χ^2 /NDF: 102532.1/8

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 64.879 $\pm$ 0.018 χ^2 /NDF: 38042.0/7

Left: 64.940 $\pm$ 0.013 χ^2 /NDF: 140597.3/16

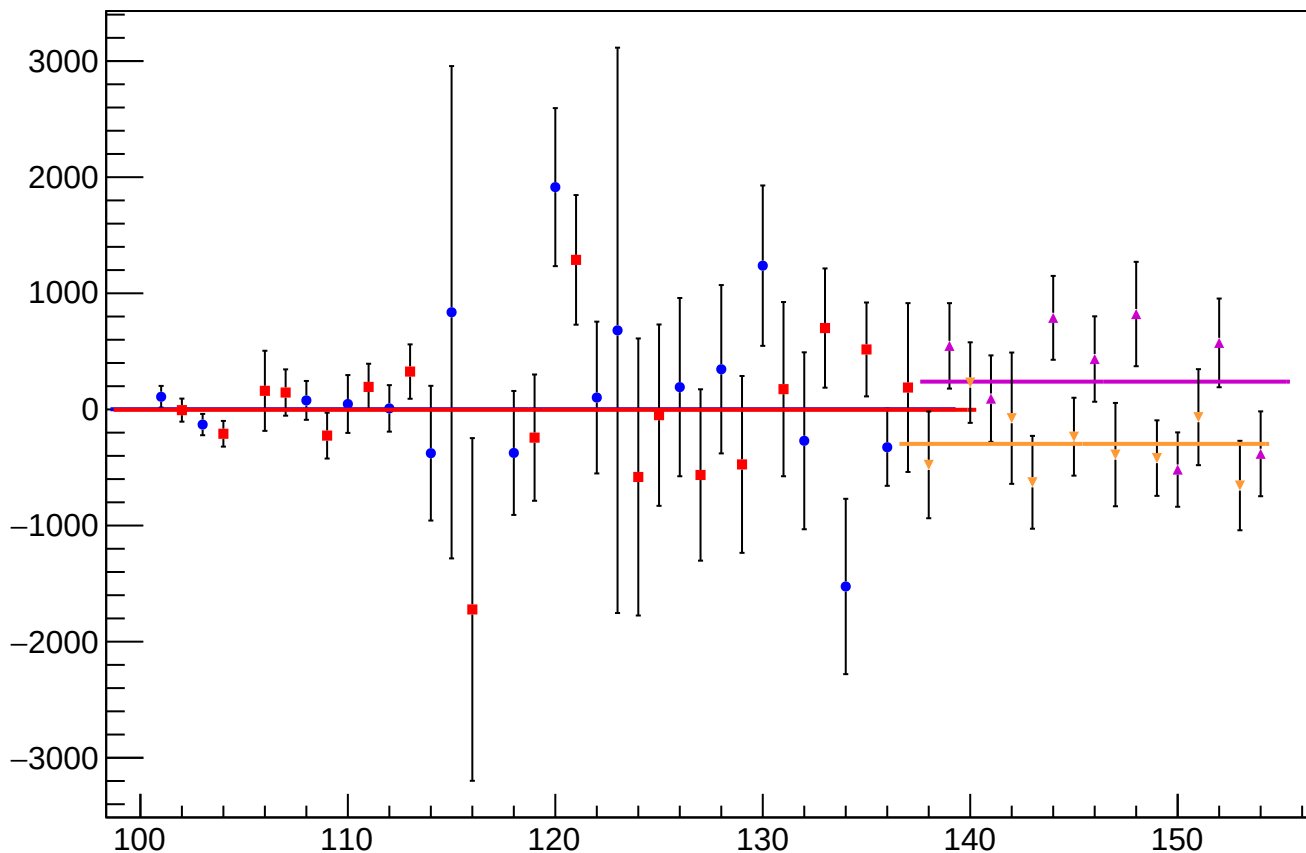
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 62.306 $\pm$ 0.012 χ^2 /NDF: 306078.9/24

Out: 61.312 $\pm$ 0.012 χ^2 /NDF: 453993.2/26

All: 61.797 $\pm$ 0.009 χ^2 /NDF: 763486.4/51

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -296.605 ± 130.841 $\chi^2/\text{NDF}: 4.7/8$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 239.278 ± 130.518 $\chi^2/\text{NDF}: 14.4/7$

Left: -28.003 ± 92.404 $\chi^2/\text{NDF}: 27.5/16$

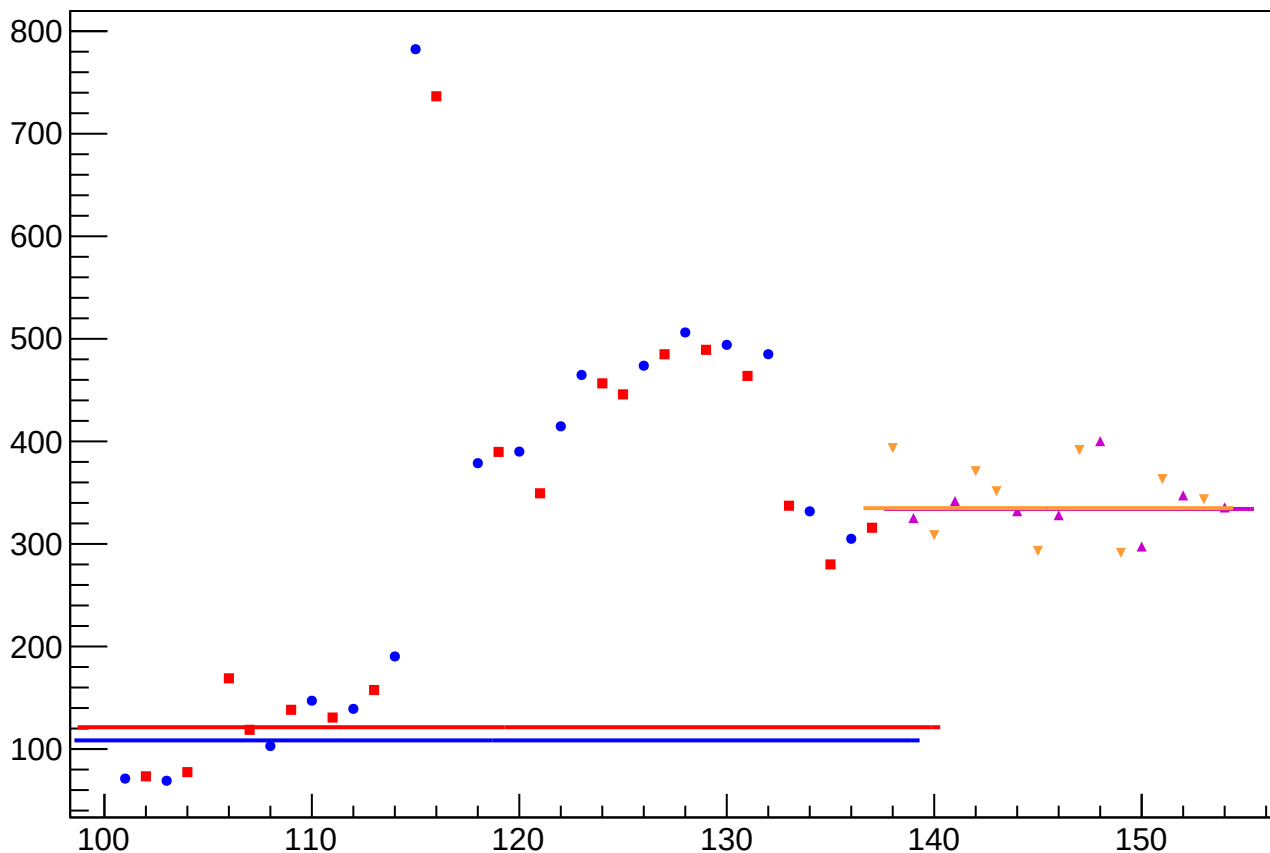
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 36.634 ± 50.122 $\chi^2/\text{NDF}: 38.6/24$

Out: -49.502 ± 51.957 $\chi^2/\text{NDF}: 29.2/26$

All: -4.886 ± 36.073 $\chi^2/\text{NDF}: 69.2/51$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 334.893 $\pm$ 0.093 χ^2 /NDF: 165323.4/8

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 334.125 $\pm$ 0.092 χ^2 /NDF: 74510.5/7

Left: 334.508 $\pm$ 0.065 χ^2 /NDF: 239868.4/16

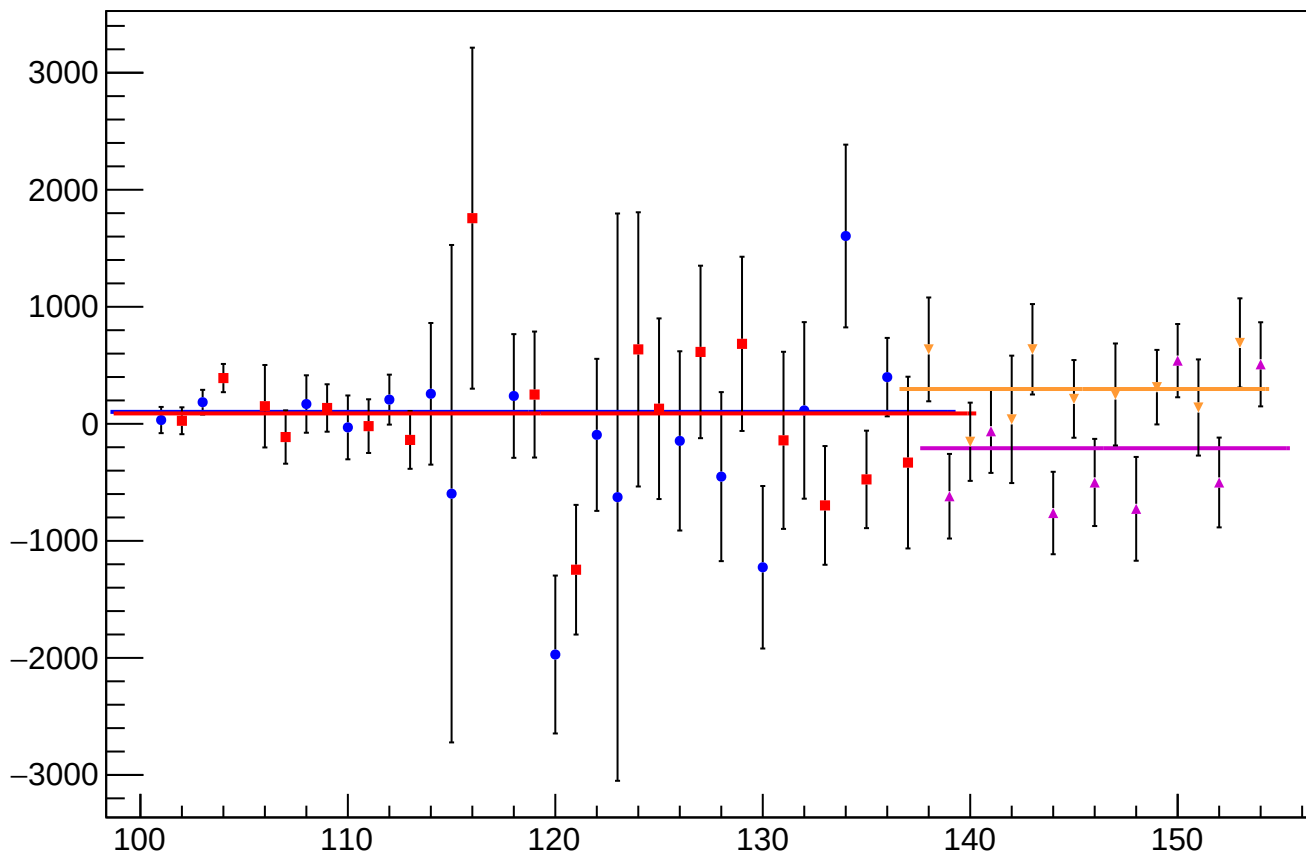
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 141.727 $\pm$ 0.035 χ^2 /NDF: 10576421.9/24

Out: 154.984 $\pm$ 0.037 χ^2 /NDF: 9386194.7/26

All: 148.117 $\pm$ 0.026 χ^2 /NDF: 20030060.8/51

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2/NDF : 20.3/16

Left Out: 297.595 $\pm$ 127.905 χ^2/NDF : 4.7/8

Right Out: 88.841 $\pm$ 62.230 χ^2/NDF : 21.7/17

Left In: -208.387 $\pm$ 128.402 χ^2/NDF : 16.2/7

Left: 45.584 $\pm$ 90.618 χ^2/NDF : 28.7/16

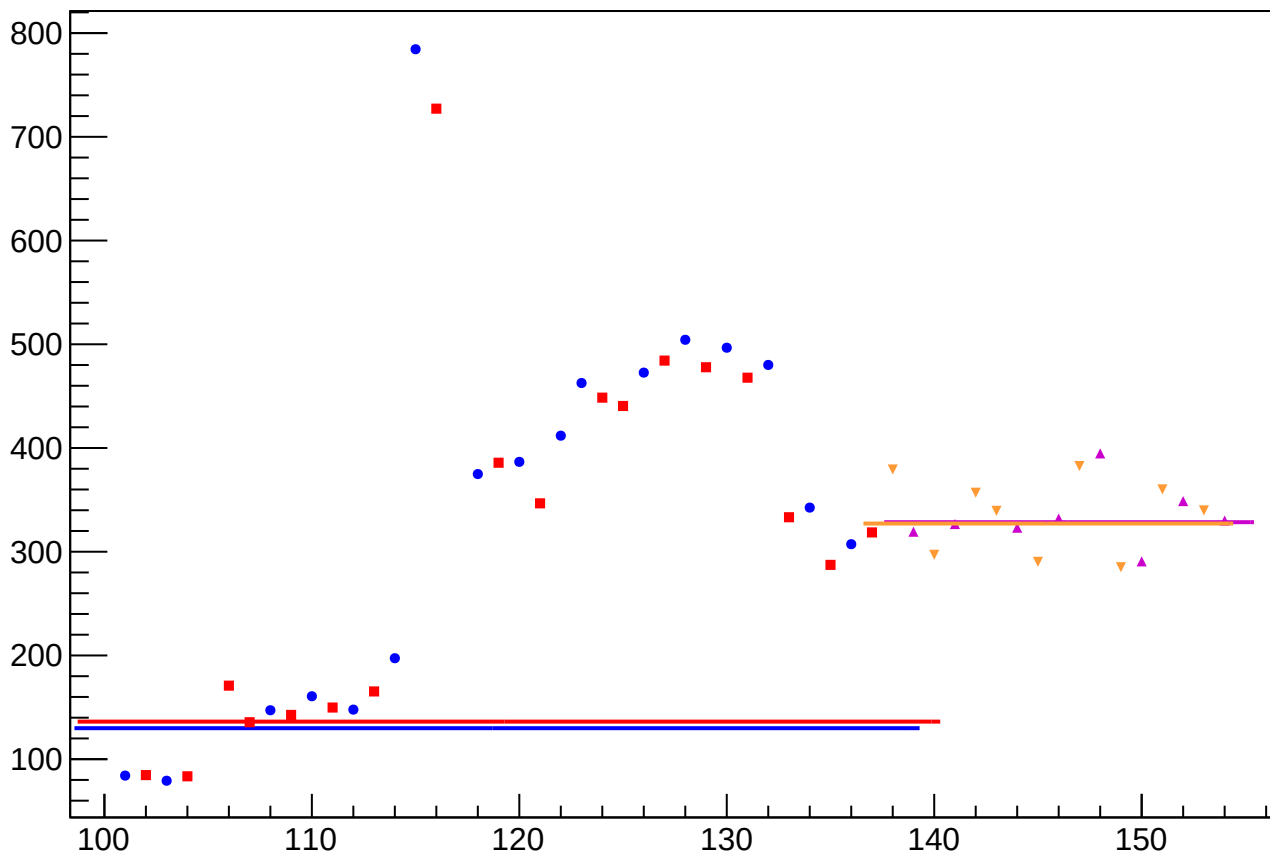
Right: 95.435 $\pm$ 44.317 χ^2/NDF : 42.0/34

In: 41.758 $\pm$ 56.651 χ^2/NDF : 41.2/24

Out: 128.798 $\pm$ 55.959 χ^2/NDF : 28.6/26

All: 85.813 $\pm$ 39.811 χ^2/NDF : 70.9/51

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 327.189+/-0.090 χ^2/NDF : 158936.0/8

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 328.486+/-0.091 χ^2/NDF : 81462.2/7

Left: 327.835+/-0.064 χ^2/NDF : 240500.6/16

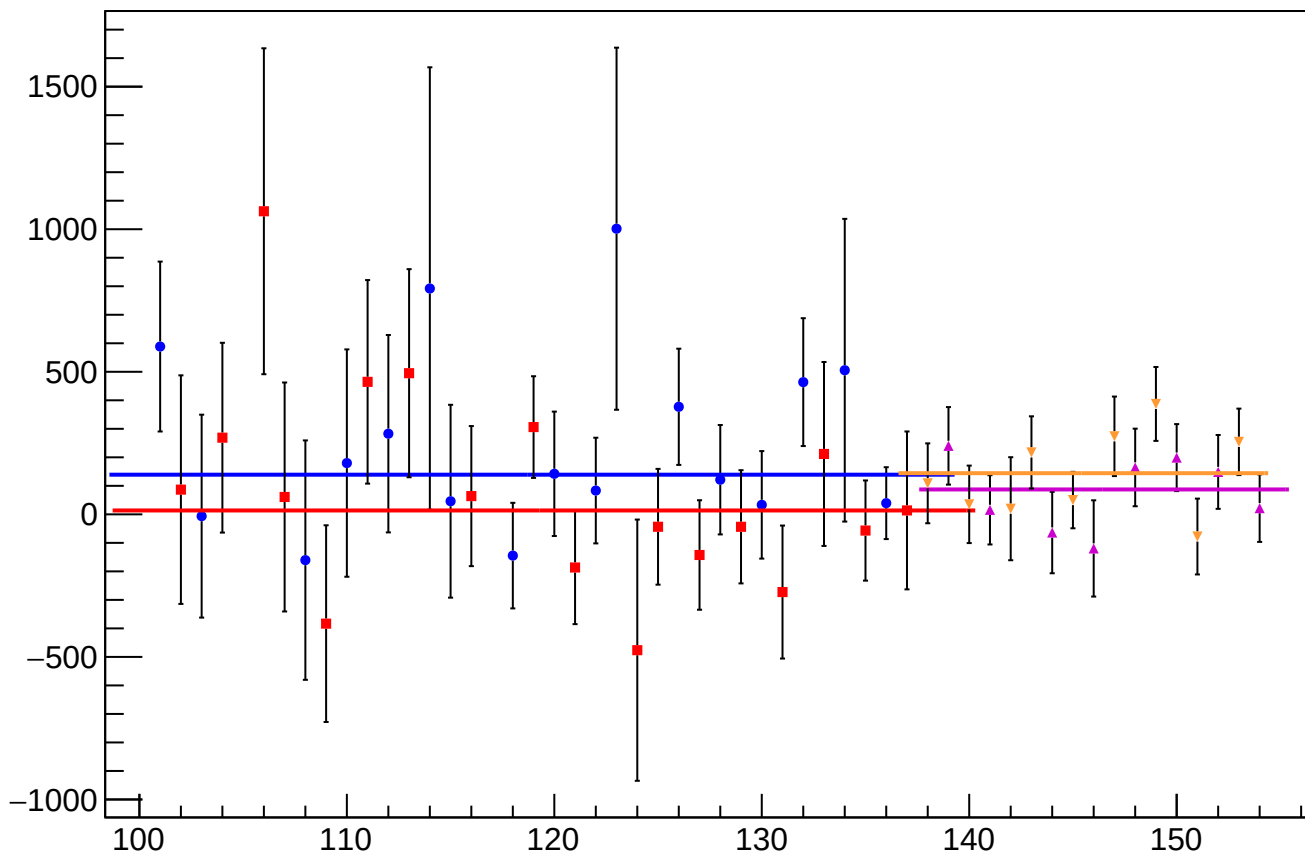
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 168.544+/-0.040 χ^2/NDF : 8764310.3/24

Out: 172.777+/-0.040 χ^2/NDF : 8046593.9/26

All: 170.686+/-0.028 χ^2/NDF : 16816556.8/53

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 144.396 $\pm$ 42.976 χ^2 /NDF:10.5/8

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 87.342 $\pm$ 46.454 χ^2 /NDF:6.0/7

Left: 118.085 $\pm$ 31.547 χ^2 /NDF: 17.3/16

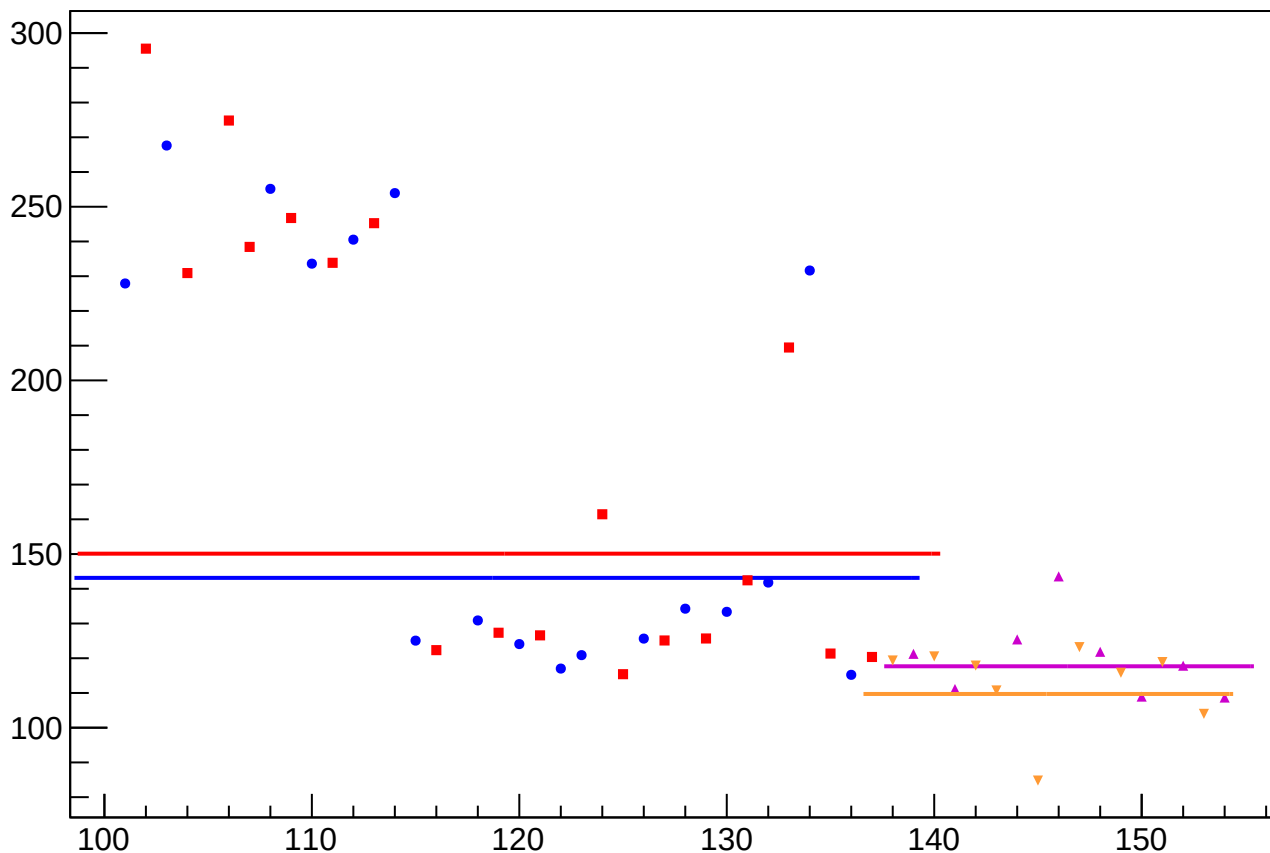
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 107.574 $\pm$ 36.254 χ^2 /NDF:19.6/24

Out: 100.182 $\pm$ 34.963 χ^2 /NDF:30.0/26

All: 103.744 $\pm$ 25.167 χ^2 /NDF: 49.6/51

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 109.713 $\pm$ 0.030 χ^2 /NDF:190831.4/8

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 117.683 $\pm$ 0.033 χ^2 /NDF:84559.1/7

Left: 113.388 $\pm$ 0.022 χ^2 /NDF: 307112.0/16

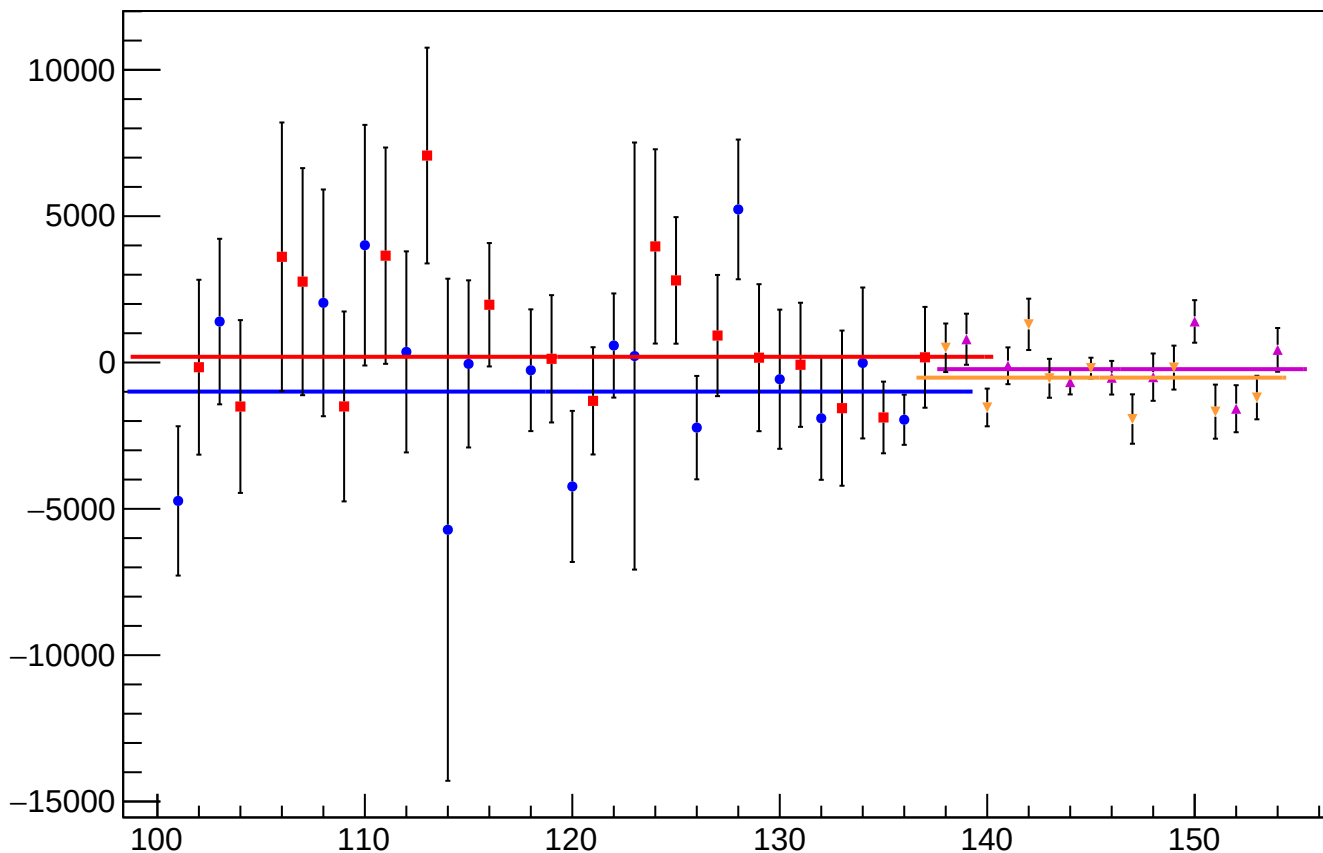
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 127.635 $\pm$ 0.026 χ^2 /NDF:1420628.7/24

Out: 123.372 $\pm$ 0.025 χ^2 /NDF:2121110.5/26

All: 125.426 $\pm$ 0.018 χ^2 /NDF: 3556068.3/51

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -517.172+/-215.269 χ^2/NDF : 14.6/8

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -227.105+/-227.751 χ^2/NDF : 11.5/7

Left: -380.304+/-156.445 χ^2/NDF : 27.0/16

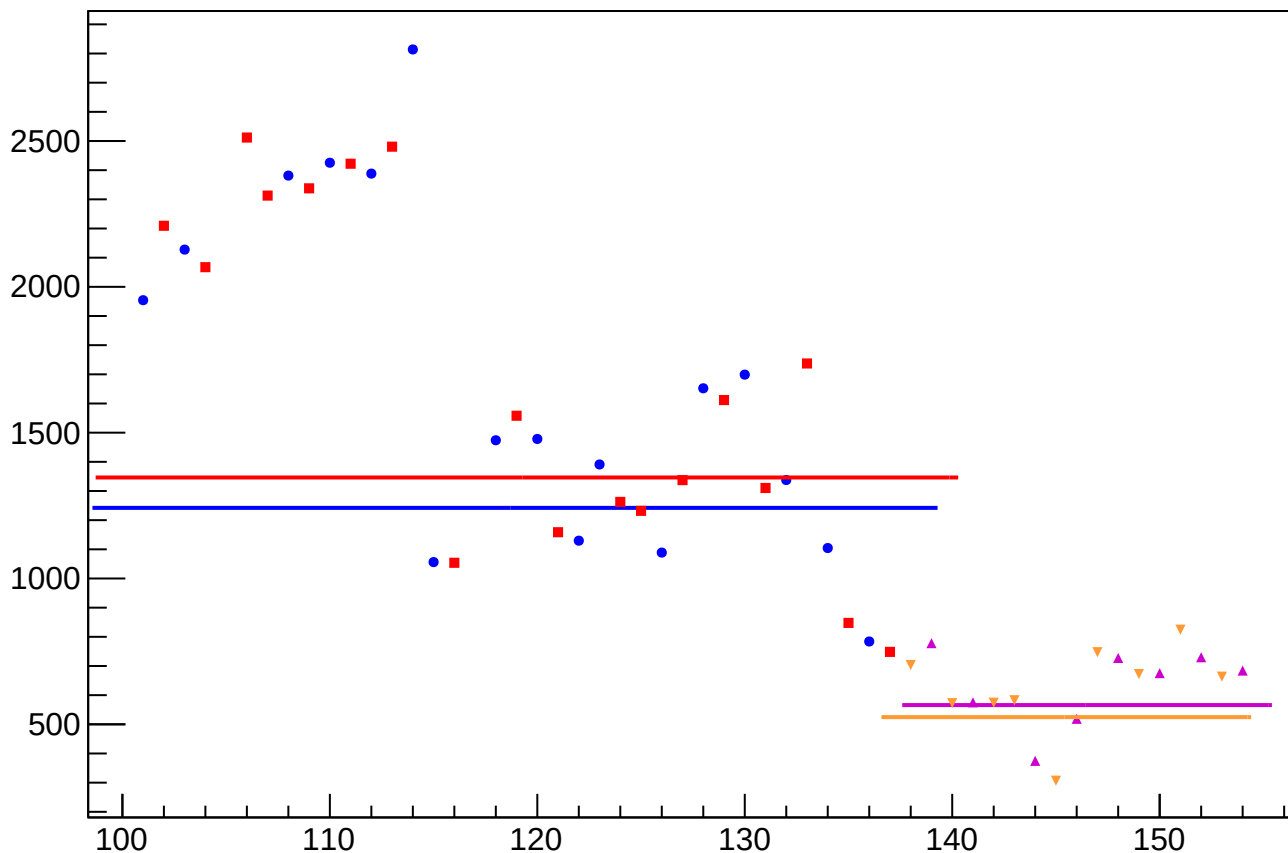
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -351.924+/-208.388 χ^2/NDF : 30.3/24

Out: -420.690+/-200.158 χ^2/NDF : 29.6/26

All: -387.692+/-144.355 χ^2/NDF : 60.0/51

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 ± 0.365 $\chi^2/\text{NDF}: 1767422.8/16$

Left Out: 524.736 ± 0.152 $\chi^2/\text{NDF}: 1382854.1/8$

Right Out: 1346.340 ± 0.385 $\chi^2/\text{NDF}: 1809161.2/17$

Left In: 566.015 ± 0.161 $\chi^2/\text{NDF}: 803922.4/7$

Left: 544.213 ± 0.111 $\chi^2/\text{NDF}: 2221476.0/16$

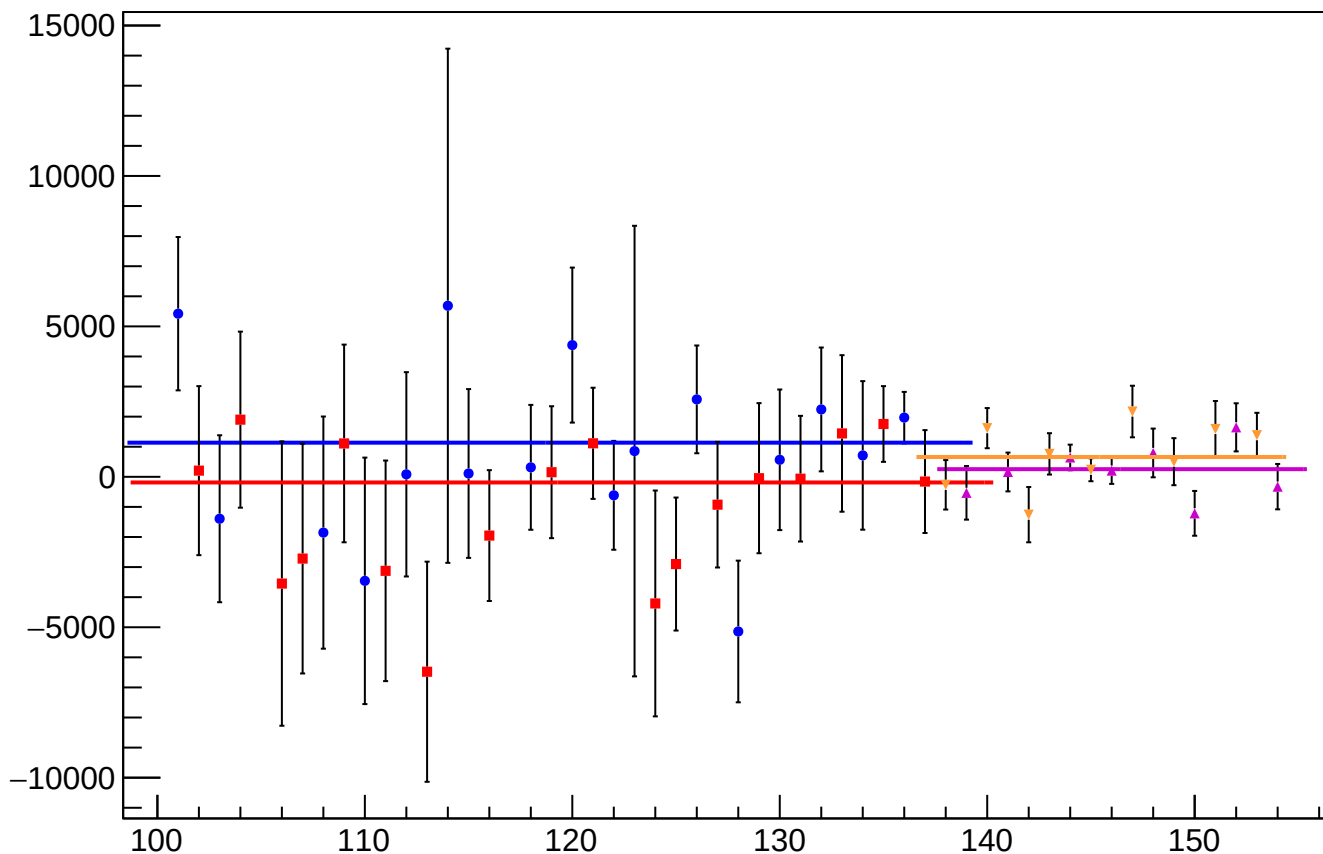
Right: 1291.570 ± 0.265 $\chi^2/\text{NDF}: 3615166.4/34$

In: 676.096 ± 0.147 $\chi^2/\text{NDF}: 5441292.1/24$

Out: 636.036 ± 0.142 $\chi^2/\text{NDF}: 7138624.8/26$

All: 655.259 ± 0.102 $\chi^2/\text{NDF}: 12618361.5/51$

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 658.621+/-224.232 χ^2/NDF : 14.1/8

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 254.624+/-218.310 χ^2/NDF : 9.6/7

Left: 451.218+/-156.420 χ^2/NDF : 25.3/16

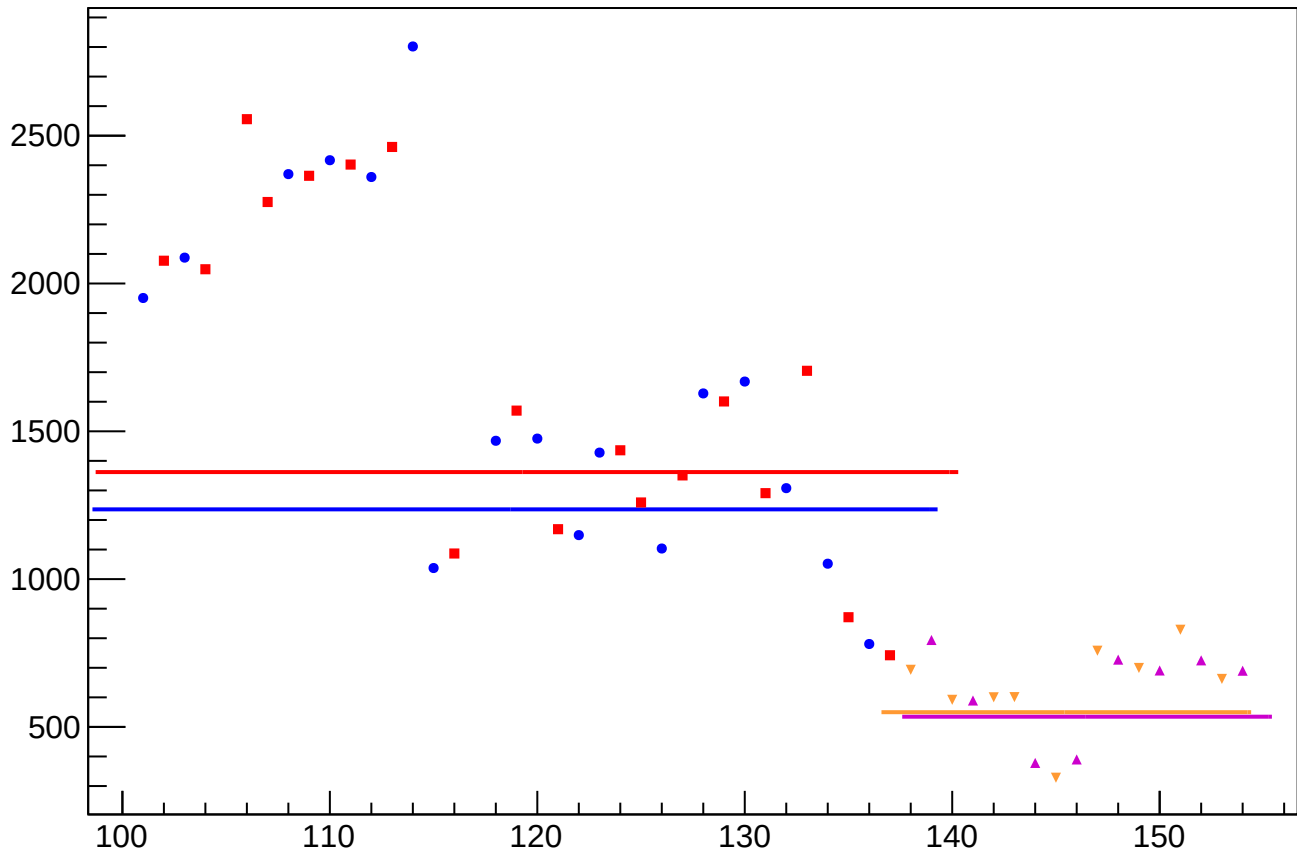
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 389.303+/-200.923 χ^2/NDF : 29.9/24

Out: 537.344+/-207.541 χ^2/NDF : 28.1/26

All: 460.926+/-144.357 χ^2/NDF : 58.2/51

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2/NDF : 1745716.2/16

Left Out: 549.807 $\pm$ 0.159 χ^2/NDF : 1180391.3/8

Right Out: 1362.092 $\pm$ 0.388 χ^2/NDF : 1709253.2/17

Left In: 534.582 $\pm$ 0.154 χ^2/NDF : 1070063.4/7

Left: 541.990 $\pm$ 0.111 χ^2/NDF : 2255188.2/16

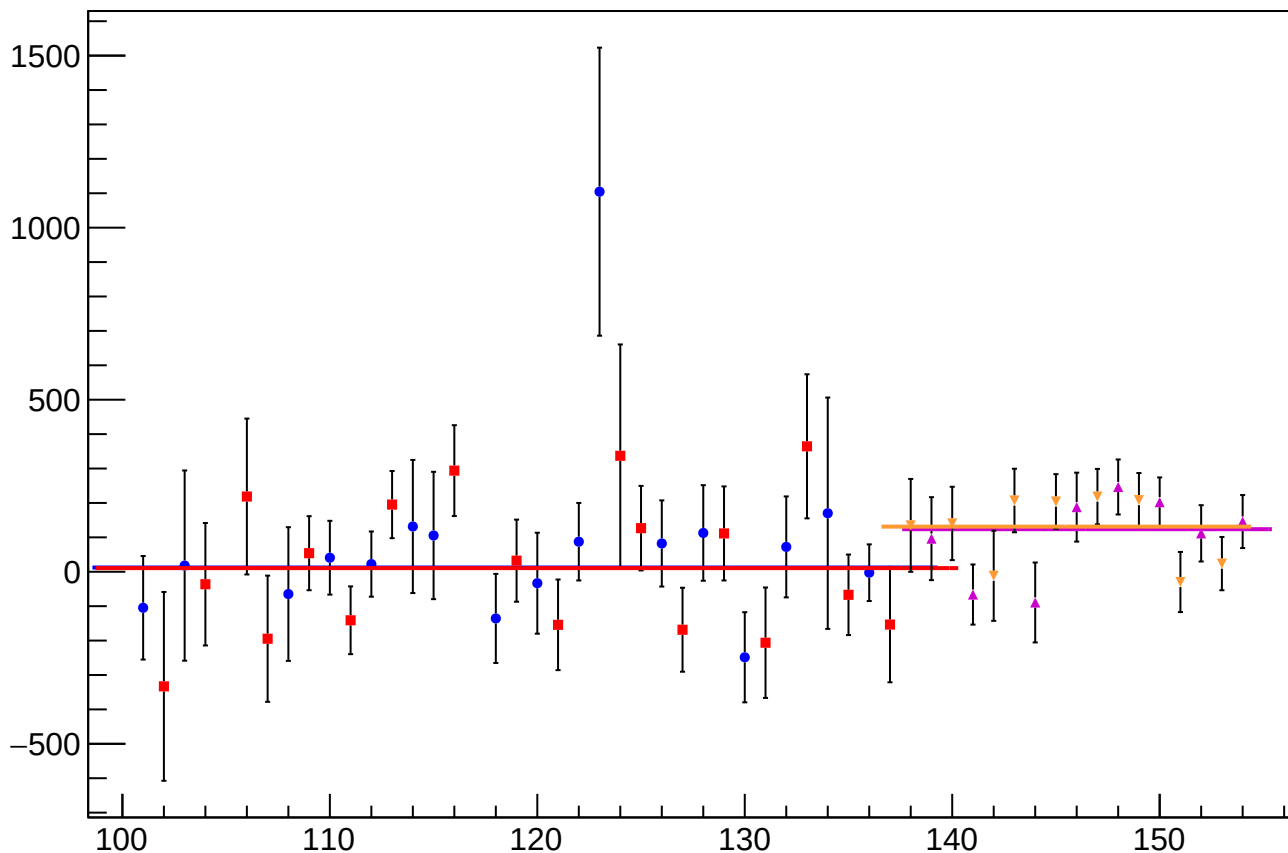
Right: 1294.931 $\pm$ 0.265 χ^2/NDF : 3511356.6/34

In: 641.848 $\pm$ 0.142 χ^2/NDF : 5972850.3/24

Out: 666.233 $\pm$ 0.147 χ^2/NDF : 6651445.9/26

All: 653.645 $\pm$ 0.102 χ^2/NDF : 12638549.0/51

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 131.179+/-30.294 χ^2/NDF : 10.2/8

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 123.743+/-31.002 χ^2/NDF : 12.2/7

Left: 127.547+/-21.667 χ^2/NDF : 22.4/16

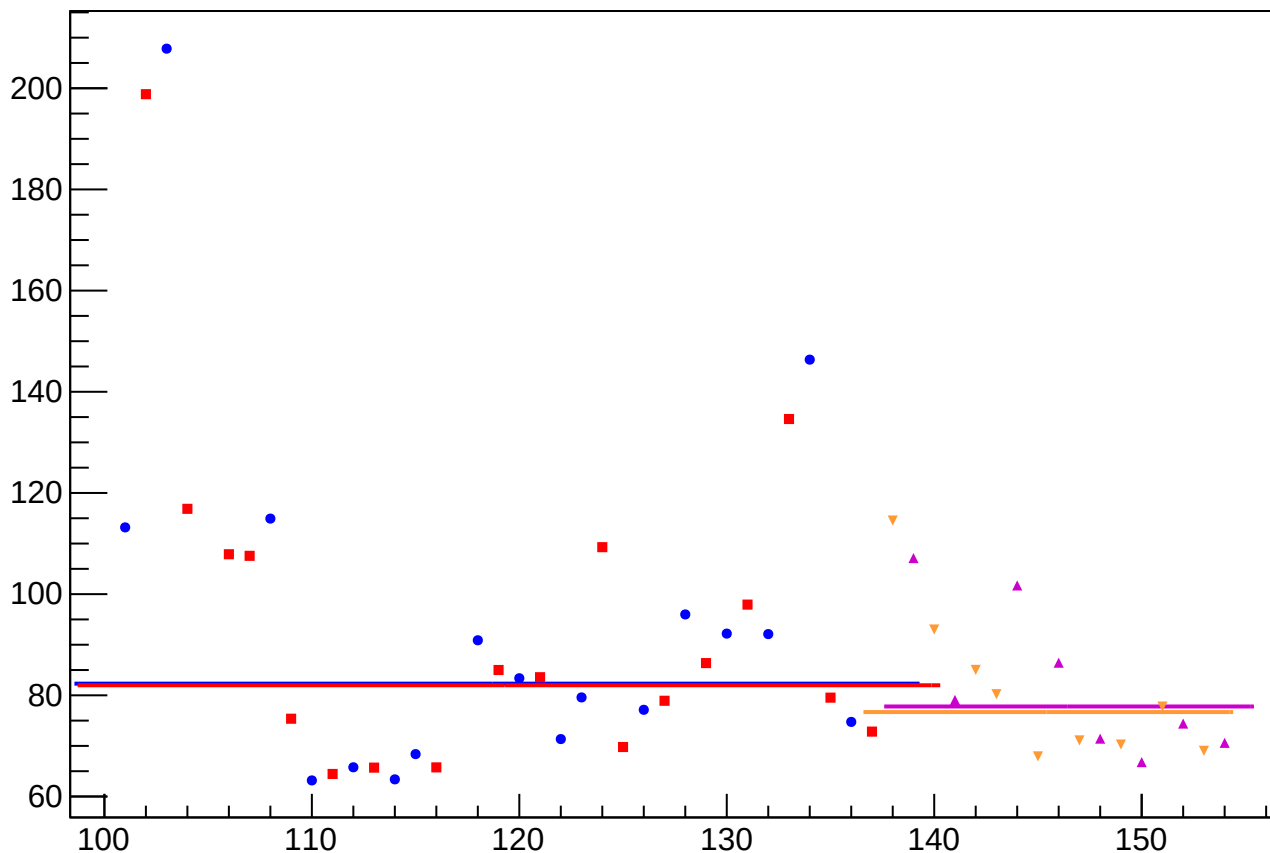
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 71.882+/-22.668 χ^2/NDF : 33.6/24

Out: 75.311+/-22.193 χ^2/NDF : 44.2/26

All: 73.633+/-15.858 χ^2/NDF : 77.8/51

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2/NDF : 868742.4/16

Left Out: 76.689 $\pm$ 0.021 χ^2/NDF : 282391.6/8

Right Out: 81.987 $\pm$ 0.023 χ^2/NDF : 853217.2/17

Left In: 77.792 $\pm$ 0.022 χ^2/NDF : 298788.3/7

Left: 77.228 $\pm$ 0.015 χ^2/NDF : 582474.6/16

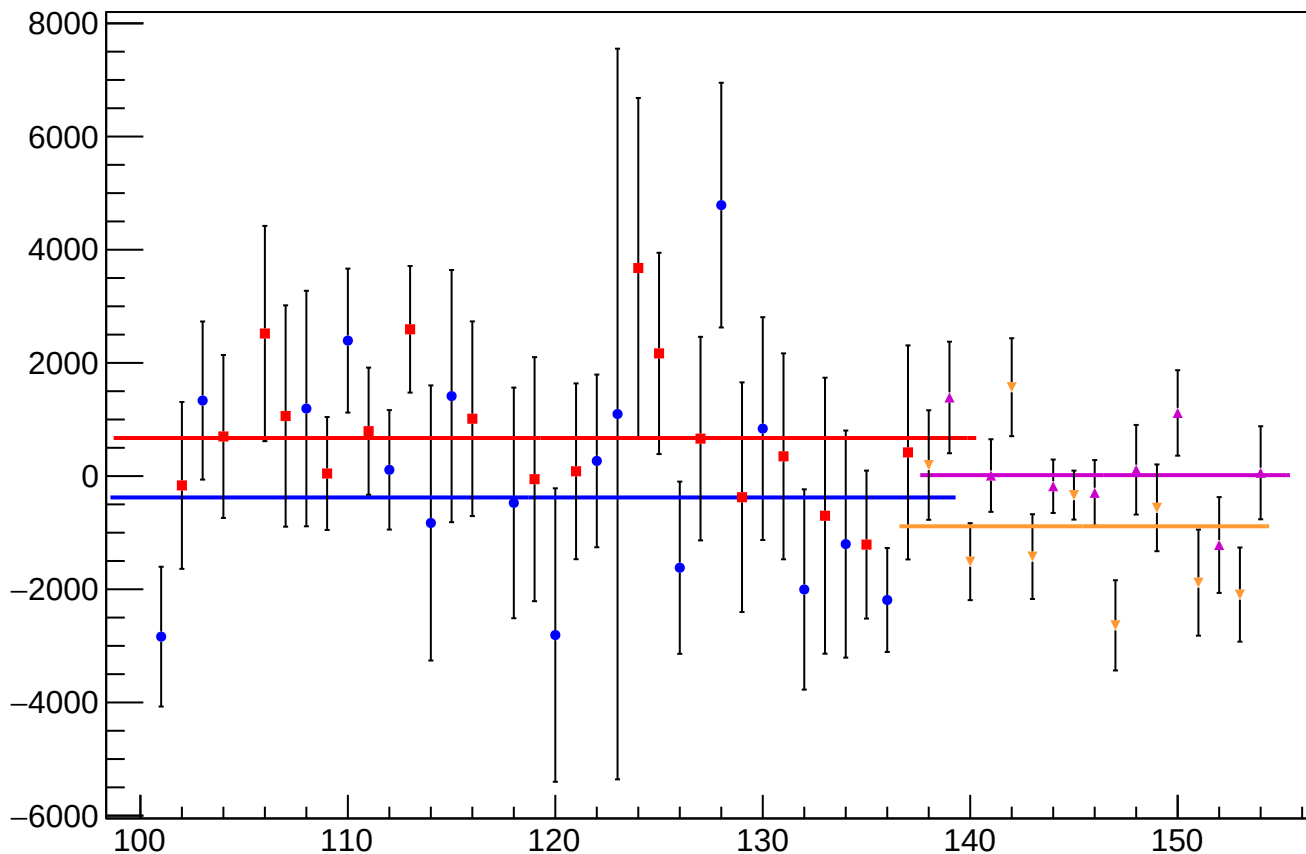
Right: 82.144 $\pm$ 0.016 χ^2/NDF : 1722053.3/34

In: 79.893 $\pm$ 0.016 χ^2/NDF : 1187261.9/24

Out: 79.144 $\pm$ 0.016 χ^2/NDF : 1163950.6/26

All: 79.510 $\pm$ 0.011 χ^2/NDF : 2352327.1/51

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 χ^2/NDF : 24.5/16

Left Out: -887.031 ± 238.718 χ^2/NDF : 20.5/8

Right Out: 673.192 ± 368.624 χ^2/NDF : 9.4/17

Left In: 16.803 ± 241.380 χ^2/NDF : 6.7/7

Left: -440.124 ± 169.732 χ^2/NDF : 34.3/16

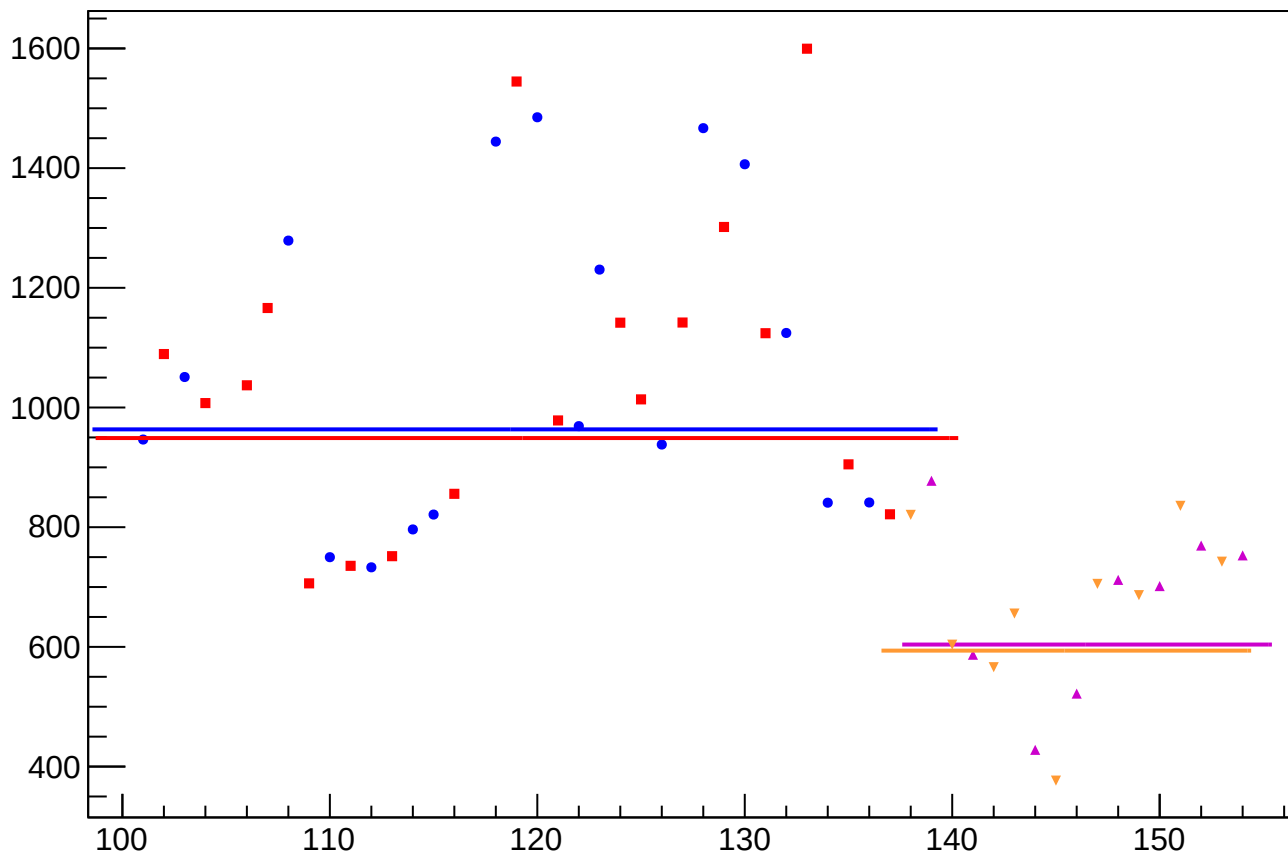
Right: 169.244 ± 265.892 χ^2/NDF : 37.7/34

In: -94.867 ± 204.343 χ^2/NDF : 31.9/24

Out: -426.039 ± 200.372 χ^2/NDF : 42.5/26

All: -263.702 ± 143.068 χ^2/NDF : 75.7/51

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2/NDF : 688873.3/16

Left Out: 593.746 $\pm$ 0.169 χ^2/NDF : 895470.2/8

Right Out: 948.947 $\pm$ 0.261 χ^2/NDF : 729378.3/17

Left In: 603.904 $\pm$ 0.171 χ^2/NDF : 686614.3/7

Left: 598.769 $\pm$ 0.120 χ^2/NDF : 1583875.3/16

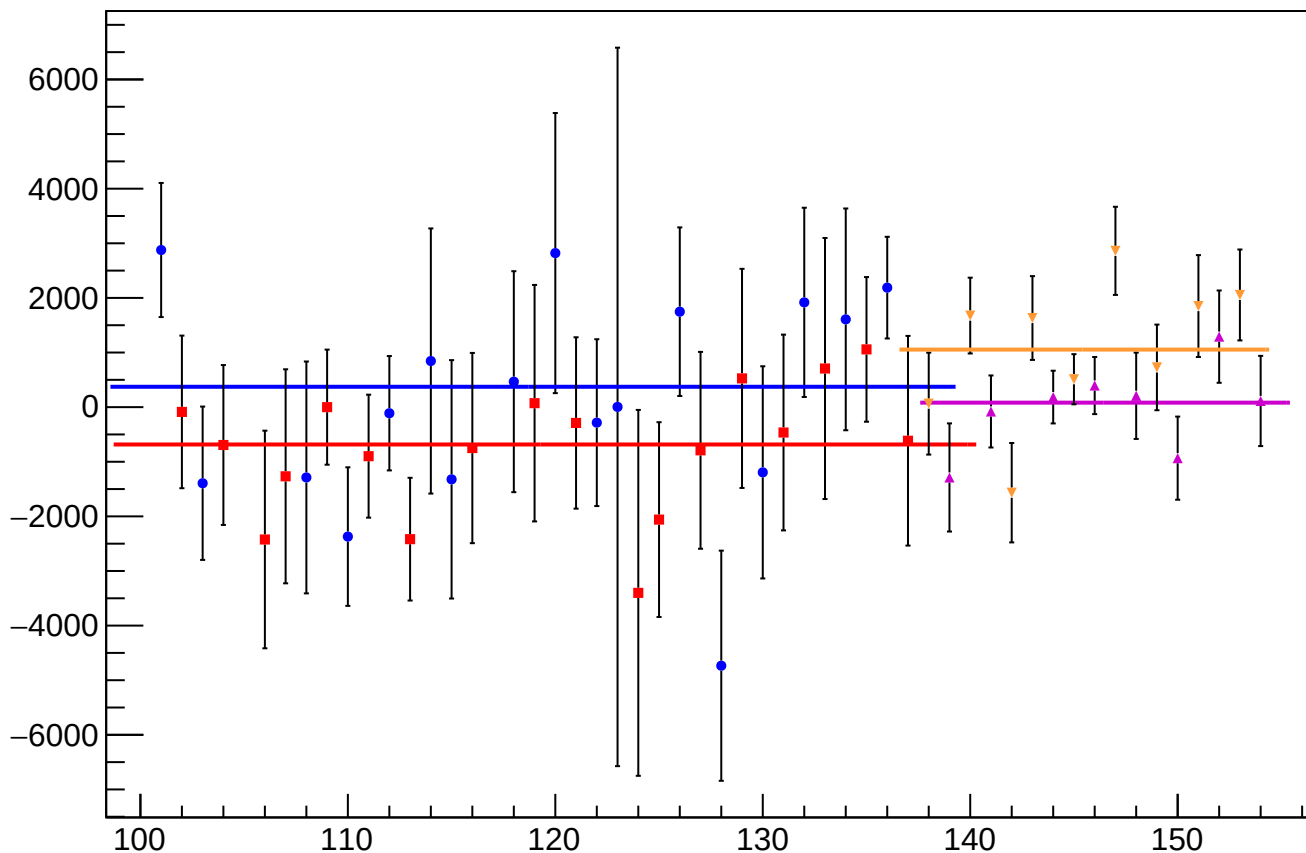
Right: 955.914 $\pm$ 0.188 χ^2/NDF : 1419740.5/34

In: 705.779 $\pm$ 0.144 χ^2/NDF : 2632890.8/24

Out: 698.695 $\pm$ 0.142 χ^2/NDF : 2933174.8/26

All: 702.168 $\pm$ 0.101 χ^2/NDF : 5567290.9/51

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1053.921 $\pm$ 245.175 χ^2/NDF : 19.6/8

Right Out: -683.612 $\pm$ 372.418 χ^2/NDF : 7.8/17

Left In: 82.211 $\pm$ 239.300 χ^2/NDF : 6.2/7

Left: 556.284 $\pm$ 171.250 χ^2/NDF : 33.8/16

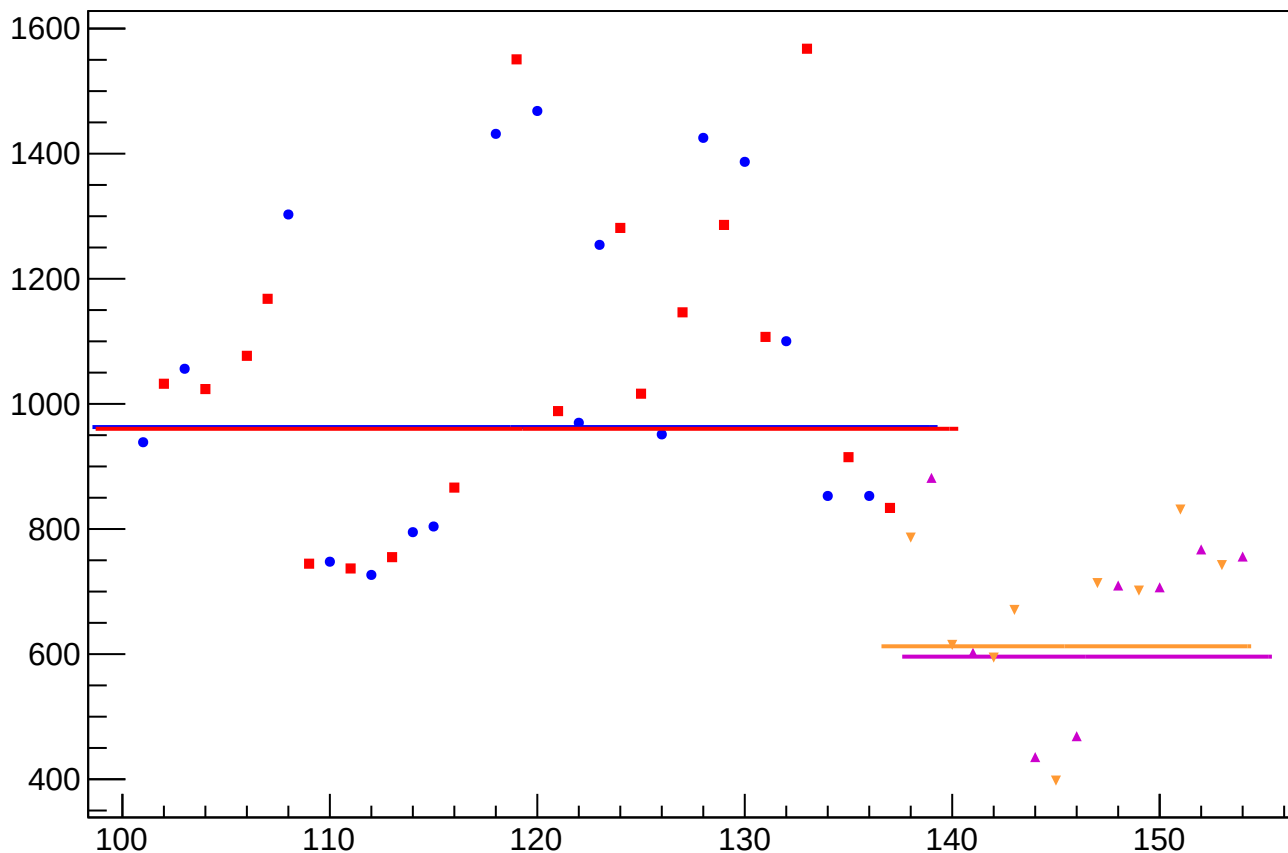
Right: -171.066 $\pm$ 267.226 χ^2/NDF : 36.9/34

In: 163.625 $\pm$ 203.042 χ^2/NDF : 31.9/24

Out: 528.561 $\pm$ 204.782 χ^2/NDF : 42.5/26

All: 344.536 $\pm$ 144.184 χ^2/NDF : 76.0/51

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 612.518 $\pm$ 0.173 χ^2/NDF : 734973.4/8

Right Out: 960.218 $\pm$ 0.263 χ^2/NDF : 671009.3/17

Left In: 595.975 $\pm$ 0.169 χ^2/NDF : 747609.5/7

Left: 604.046 $\pm$ 0.121 χ^2/NDF : 1487245.9/16

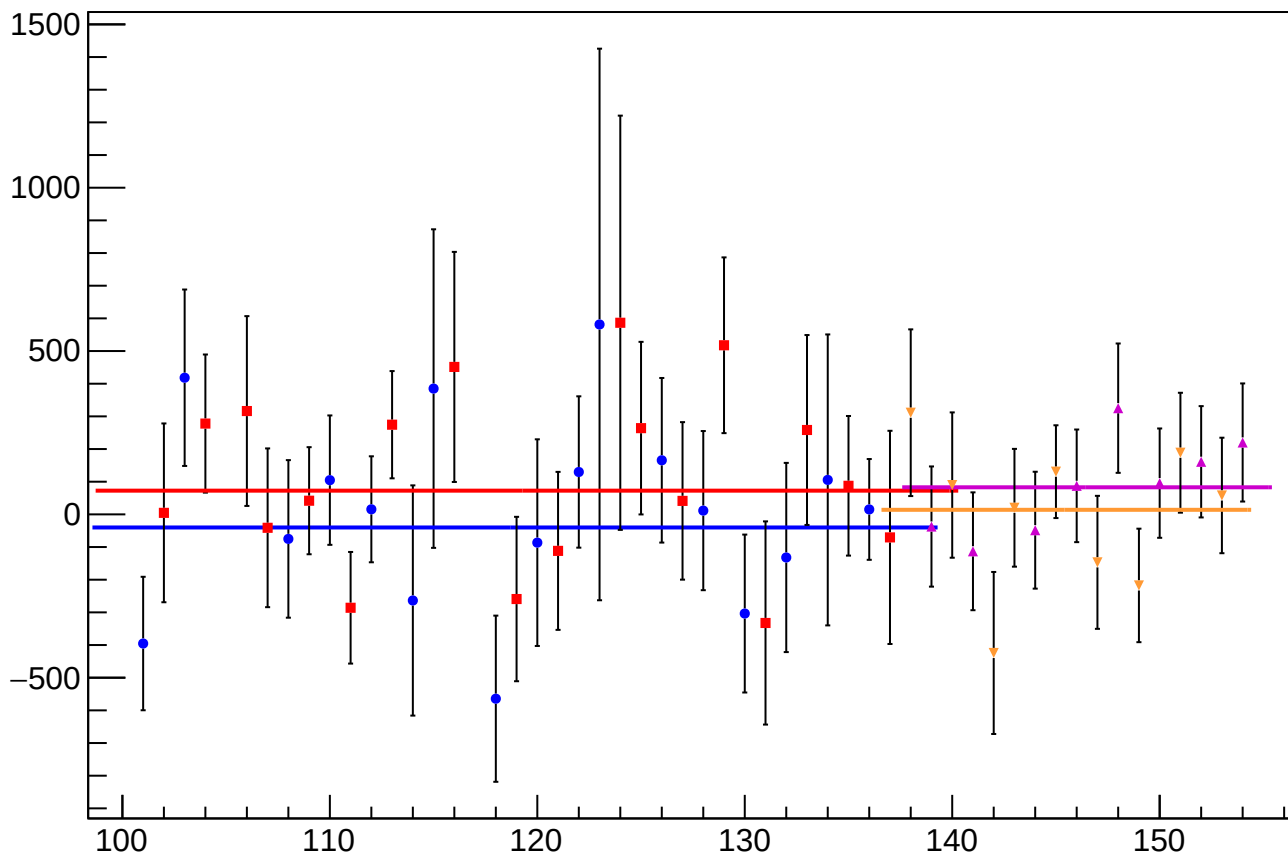
Right: 961.553 $\pm$ 0.189 χ^2/NDF : 1338584.2/34

In: 698.762 $\pm$ 0.144 χ^2/NDF : 2732604.8/24

Out: 717.648 $\pm$ 0.145 χ^2/NDF : 2622196.4/26

All: 708.124 $\pm$ 0.102 χ^2/NDF : 5363379.6/51

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 13.946 ± 63.105 χ^2/NDF : 8.6/8

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 82.879 ± 63.065 χ^2/NDF : 4.4/7

Left: 48.434 ± 44.608 χ^2/NDF : 13.7/16

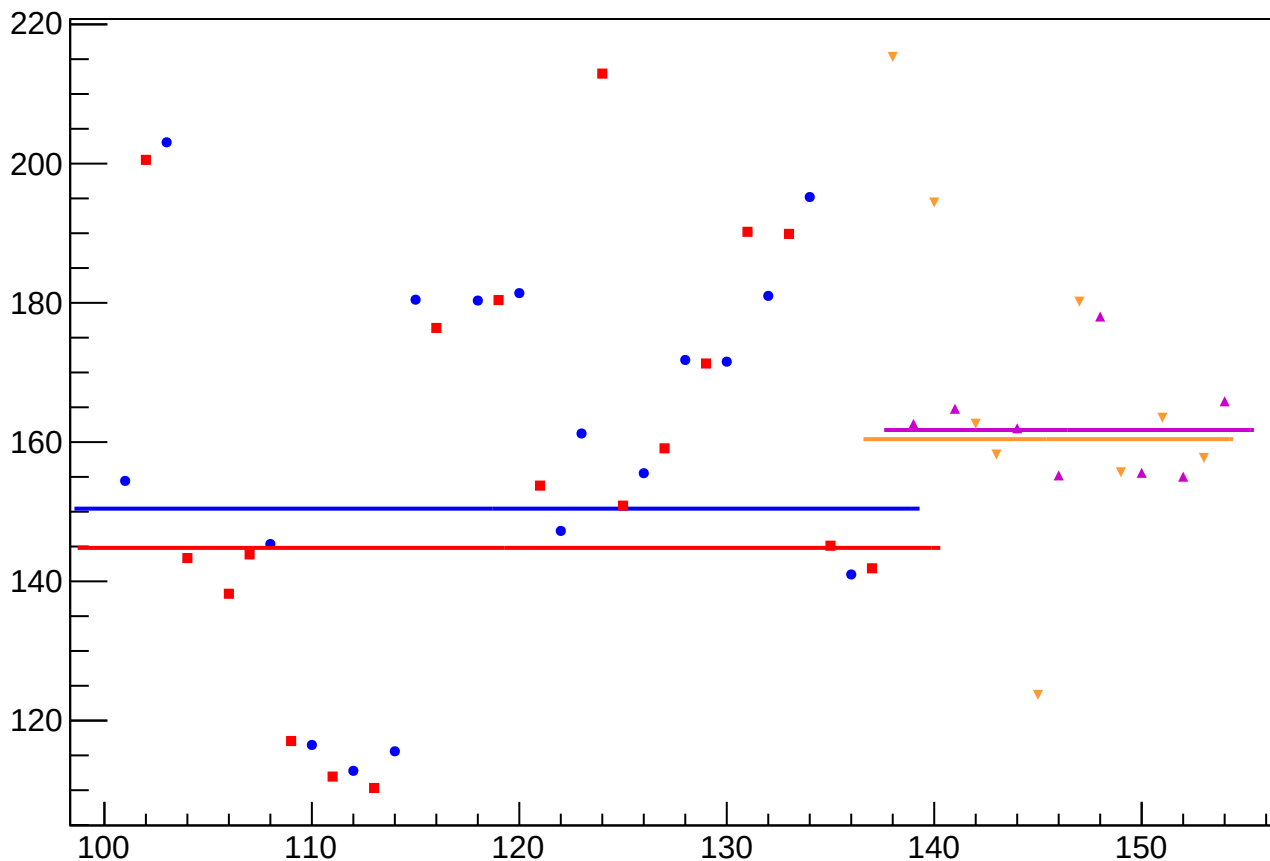
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 17.552 ± 43.184 χ^2/NDF : 21.8/24

Out: 46.601 ± 42.016 χ^2/NDF : 26.7/26

All: 32.475 ± 30.114 χ^2/NDF : 48.7/51

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.424 $\pm$ 0.045 χ^2 /NDF:294913.6/8

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.737 $\pm$ 0.045 χ^2 /NDF:23870.2/7

Left: 161.081 $\pm$ 0.032 χ^2 /NDF: 319217.6/16

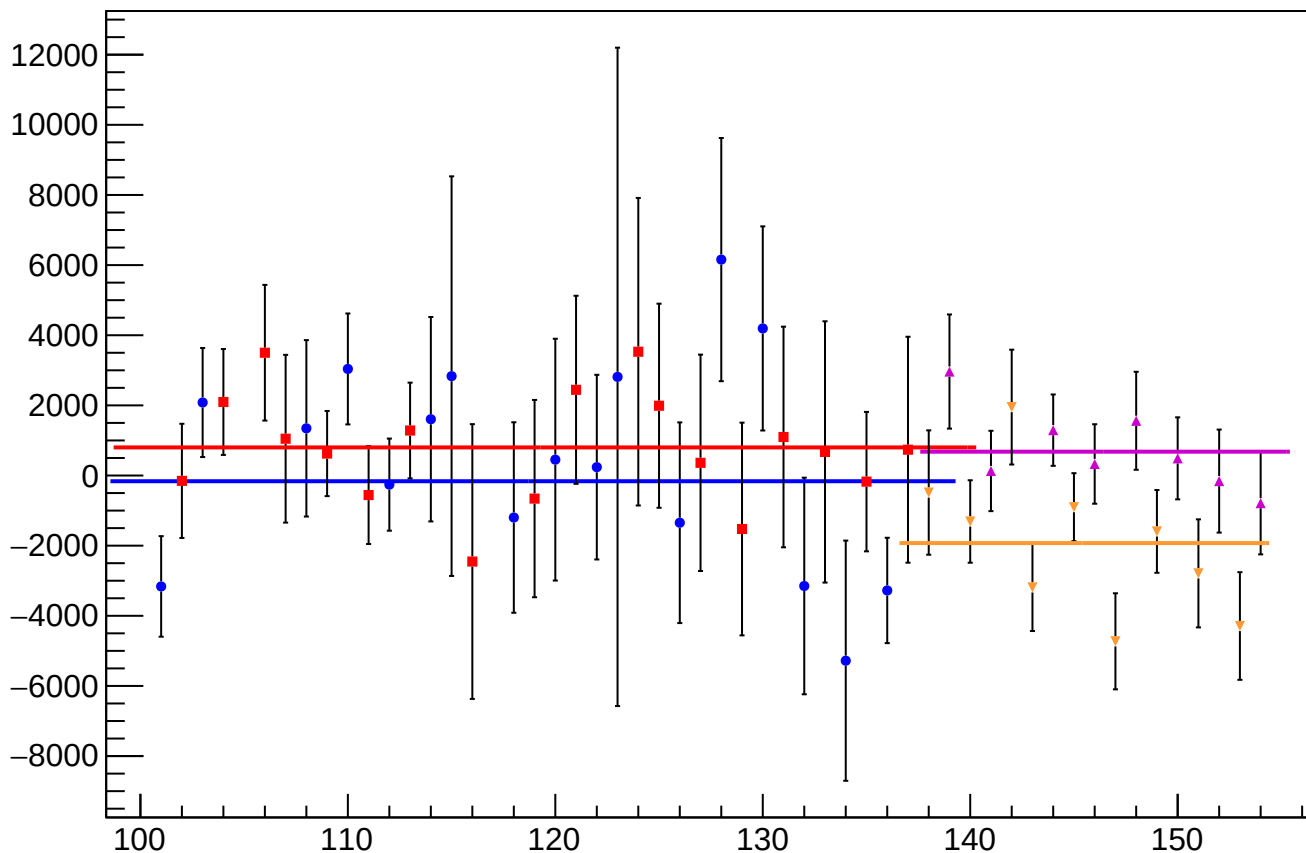
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 155.738 $\pm$ 0.031 χ^2 /NDF:458068.8/24

Out: 151.730 $\pm$ 0.030 χ^2 /NDF:866960.5/26

All: 153.679 $\pm$ 0.021 χ^2 /NDF: 1333879.8/51

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1926.268 $\pm$ 437.585 χ^2 /NDF:15.6/8

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 679.708 $\pm$ 444.555 χ^2 /NDF:4.4/7

Left: -643.867 $\pm$ 311.854 χ^2 /NDF: 37.5/16

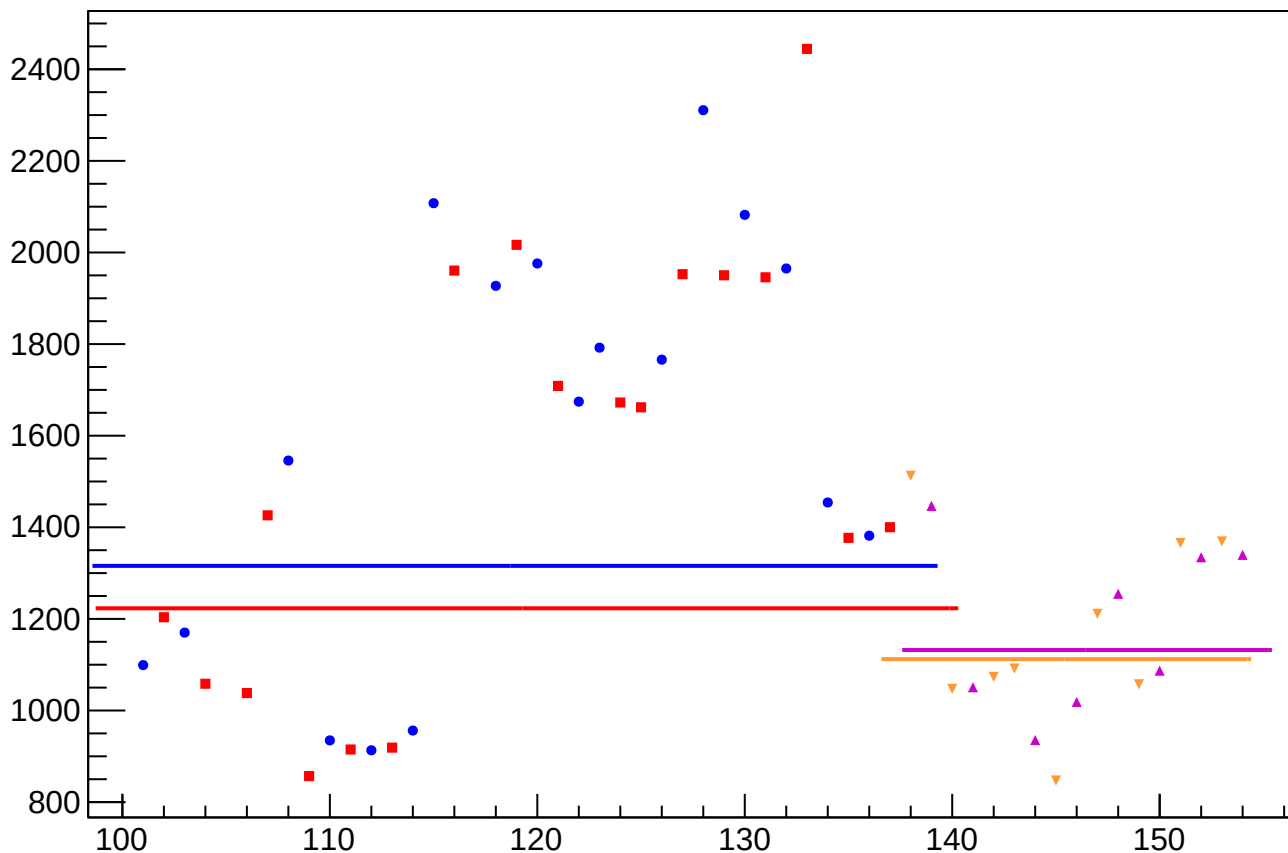
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 334.185 $\pm$ 341.437 χ^2 /NDF:31.0/24

Out: -706.836 $\pm$ 325.376 χ^2 /NDF:39.9/26

All: -211.386 $\pm$ 235.549 χ^2 /NDF: 75.7/51

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1112.180+/-0.309 χ^2/NDF : 384222.6/8

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1132.074+/-0.314 χ^2/NDF : 276351.2/7

Left: 1121.970+/-0.221 χ^2/NDF : 662608.1/16

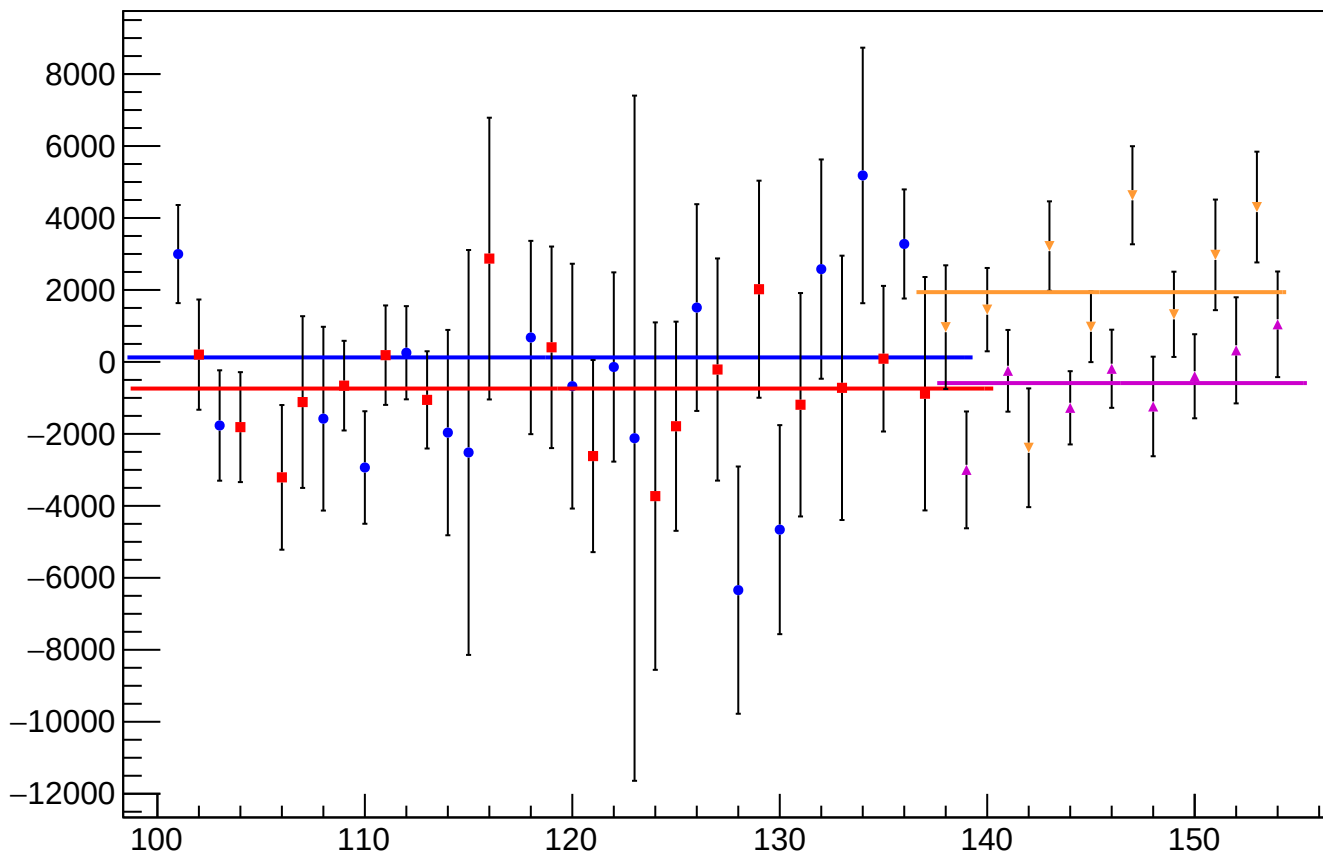
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1207.415+/-0.241 χ^2/NDF : 1534768.0/24

Out: 1161.808+/-0.230 χ^2/NDF : 1804814.5/26

All: 1183.514+/-0.167 χ^2/NDF : 3358283.8/51

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1939.043 $\pm$ 437.241 χ^2 /NDF:16.4/8

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -587.964 $\pm$ 440.753 χ^2 /NDF:4.8/7

Left: 685.647 $\pm$ 310.410 χ^2 /NDF: 37.7/16

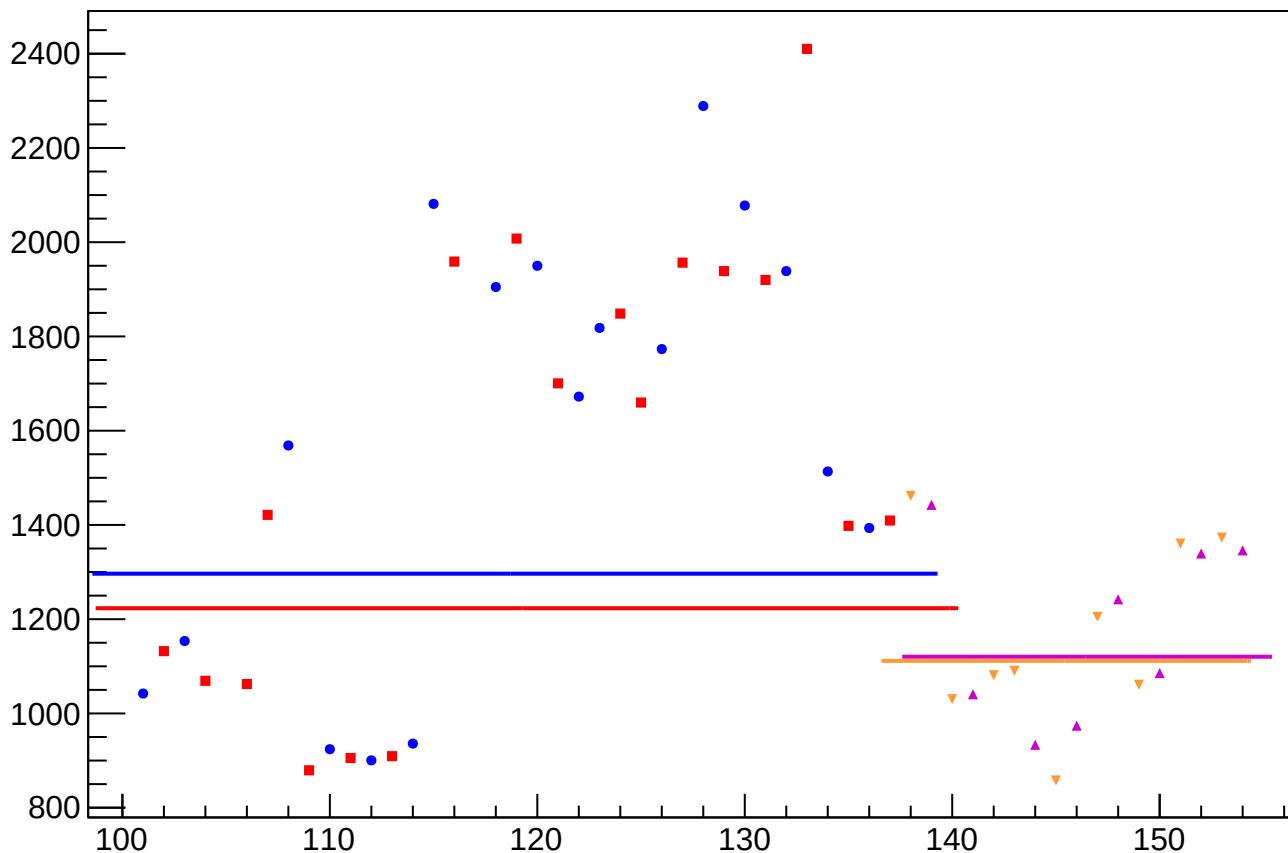
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -294.236 $\pm$ 338.042 χ^2 /NDF:30.5/24

Out: 742.835 $\pm$ 325.293 χ^2 /NDF:39.1/26

All: 244.225 $\pm$ 234.395 χ^2 /NDF: 74.5/51

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1111.590 $\pm$ 0.309 χ^2 /NDF: 350676.0/8

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1120.357 $\pm$ 0.312 χ^2 /NDF: 301106.3/7

Left: 1115.939 $\pm$ 0.219 χ^2 /NDF: 652181.2/16

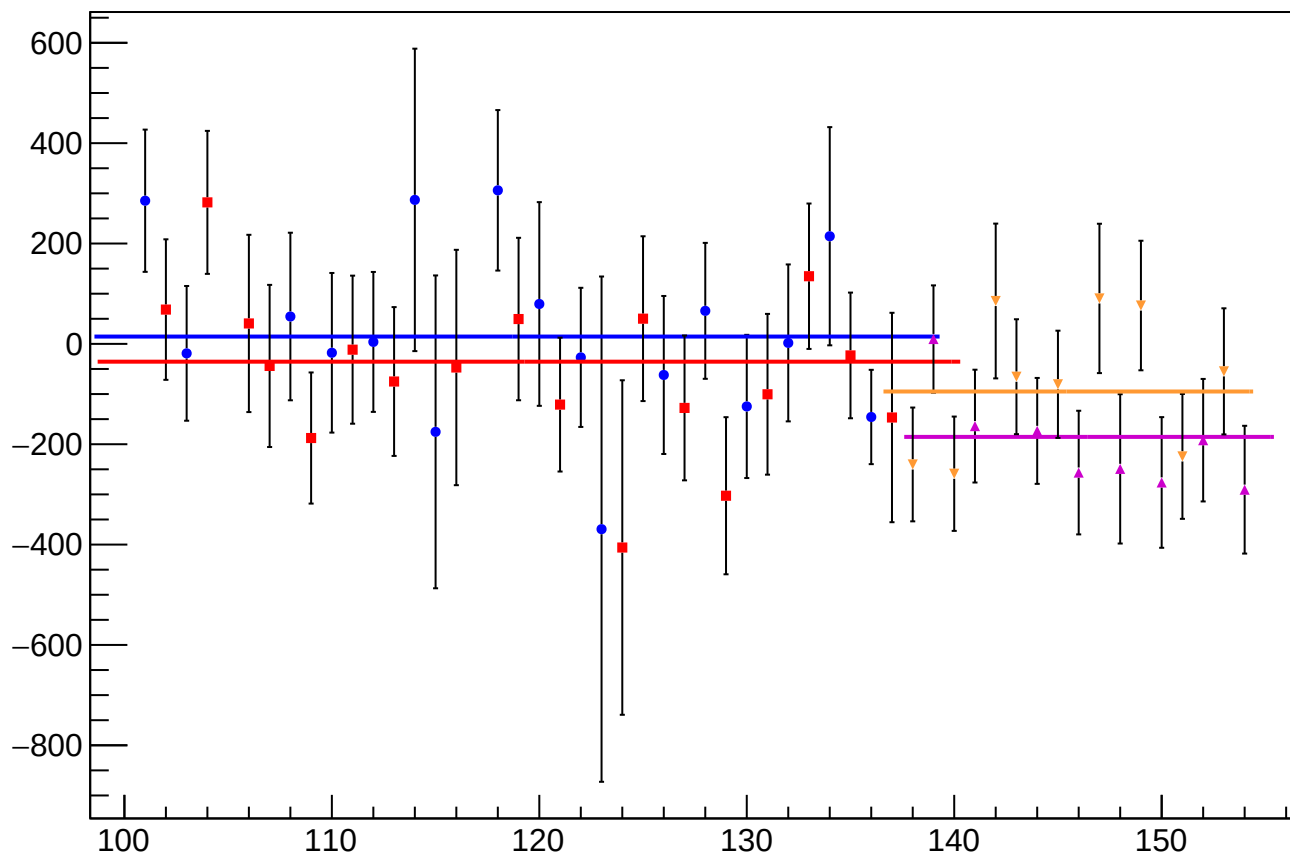
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1192.917 $\pm$ 0.239 χ^2 /NDF: 1608208.9/24

Out: 1161.459 $\pm$ 0.230 χ^2 /NDF: 1755629.8/26

All: 1176.583 $\pm$ 0.166 χ^2 /NDF: 3372831.5/51

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -94.909 ± 41.038 $\chi^2/\text{NDF}: 9.7/8$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -185.378 ± 42.437 $\chi^2/\text{NDF}: 5.1/7$

Left: -138.627 ± 29.500 $\chi^2/\text{NDF}: 17.1/16$

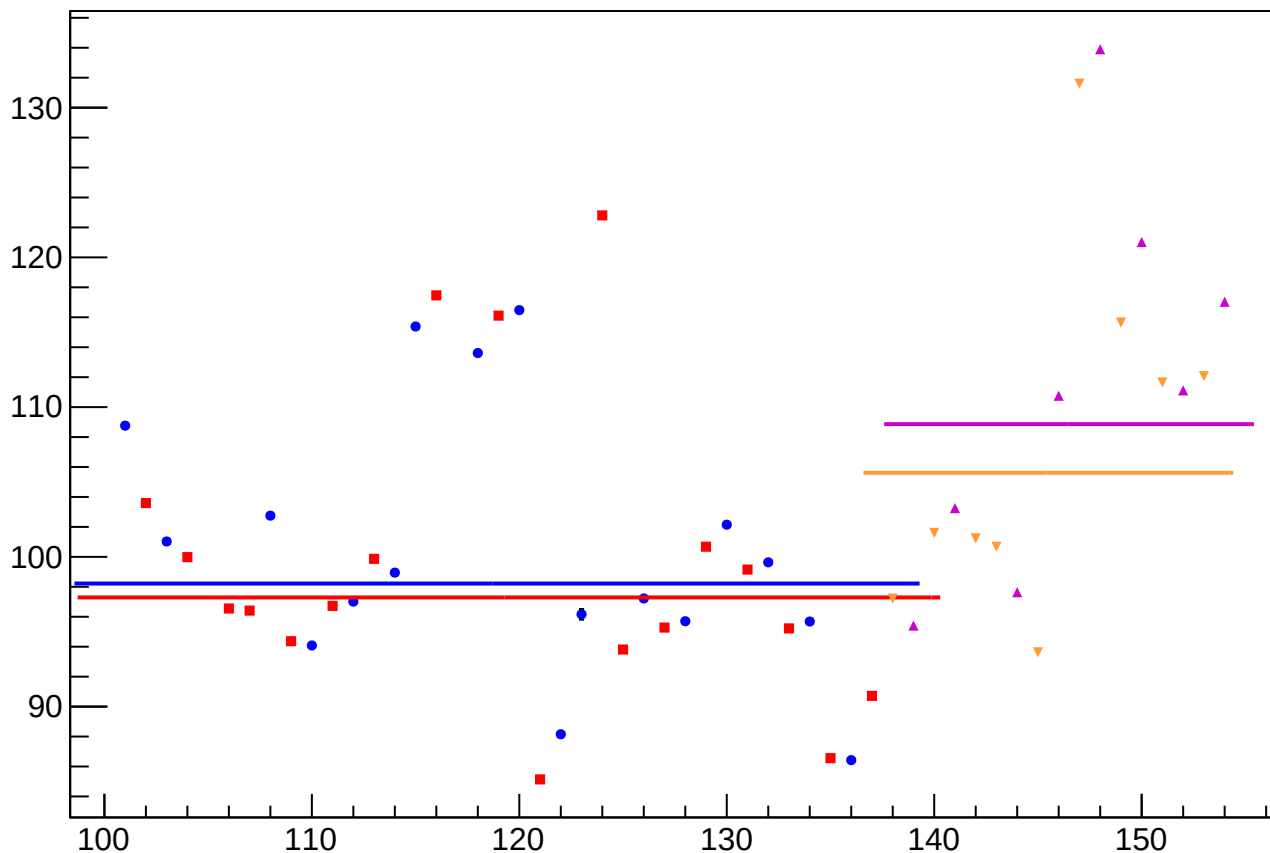
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -74.447 ± 28.316 $\chi^2/\text{NDF}: 31.6/24$

Out: -61.908 ± 27.368 $\chi^2/\text{NDF}: 25.3/26$

All: -67.964 ± 19.679 $\chi^2/\text{NDF}: 57.0/51$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 105.613 $\pm$ 0.029 χ^2 /NDF: 126997.8/8

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 108.863 $\pm$ 0.030 χ^2 /NDF: 142788.2/7

Left: 107.184 $\pm$ 0.021 χ^2 /NDF: 275845.3/16

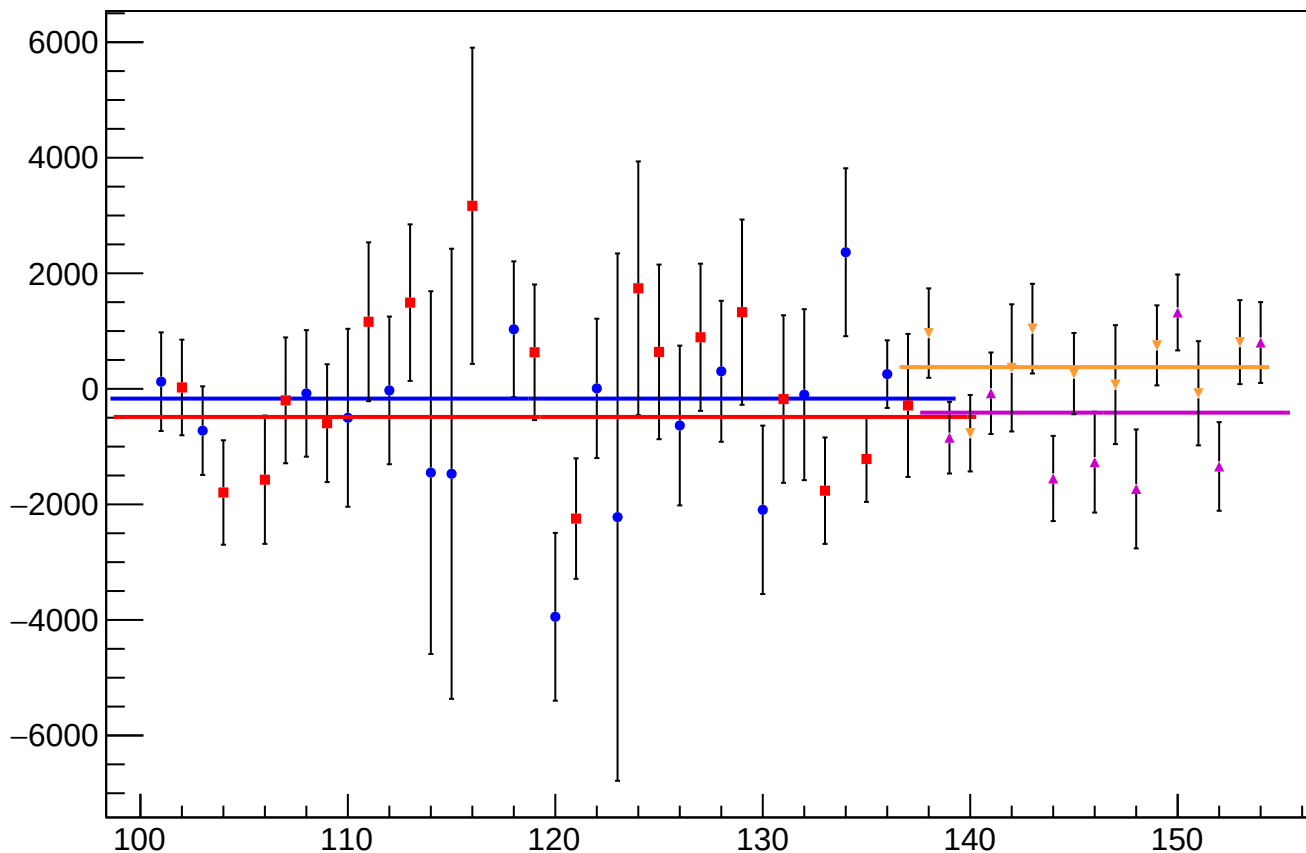
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 102.958 $\pm$ 0.020 χ^2 /NDF: 313096.3/24

Out: 100.992 $\pm$ 0.019 χ^2 /NDF: 268892.8/26

All: 101.941 $\pm$ 0.014 χ^2 /NDF: 586972.8/51

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 376.081 ± 261.644 $\chi^2/\text{NDF}: 5.3/8$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -412.140 ± 260.303 $\chi^2/\text{NDF}: 17.2/7$

Left: -20.055 ± 184.534 $\chi^2/\text{NDF}: 27.0/16$

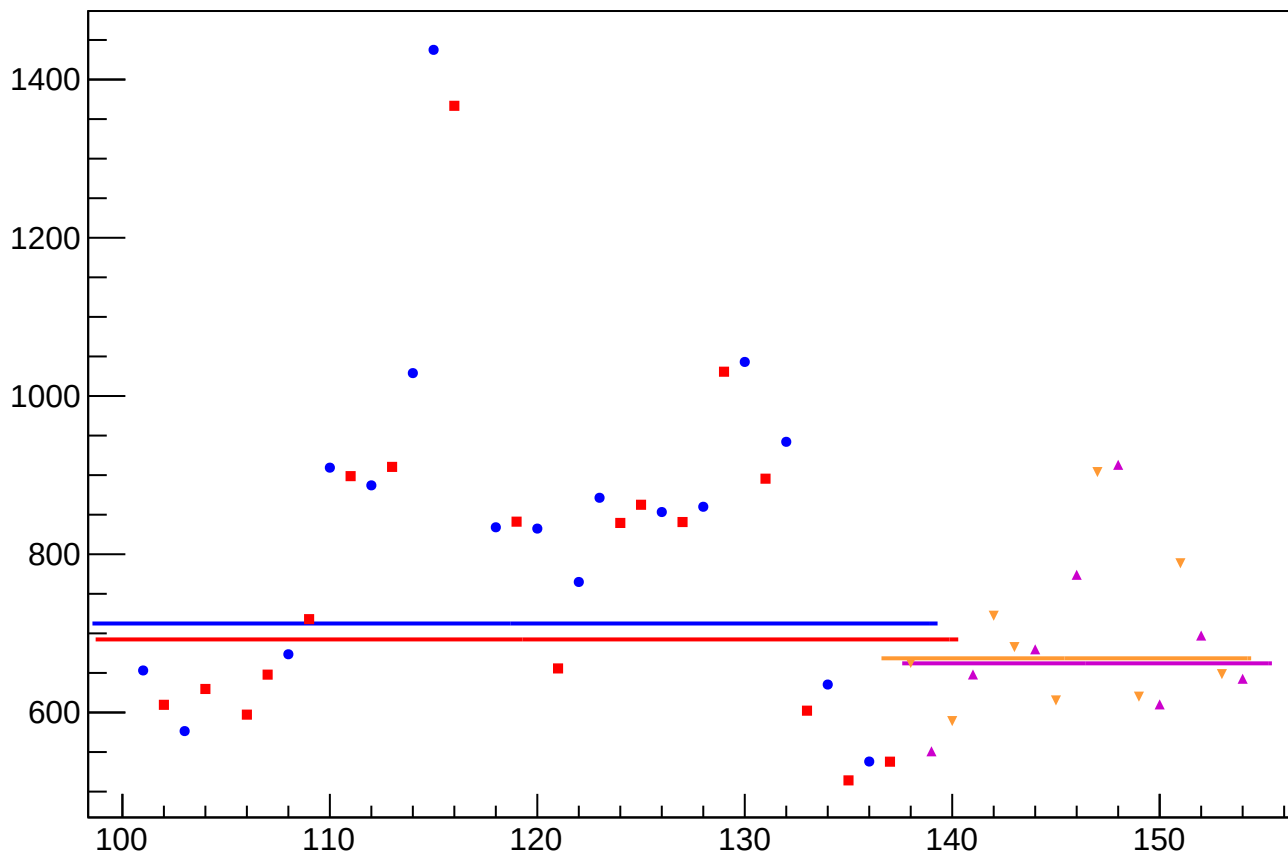
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -300.268 ± 191.329 $\chi^2/\text{NDF}: 32.1/24$

Out: -44.753 ± 187.220 $\chi^2/\text{NDF}: 30.2/26$

All: -169.738 ± 133.814 $\chi^2/\text{NDF}: 63.3/51$

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: 668.473 $\pm$ 0.185 χ^2 /NDF:197072.3/8

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 662.111 $\pm$ 0.184 χ^2 /NDF:235981.3/7

Left: 665.276 $\pm$ 0.130 χ^2 /NDF: 433648.0/16

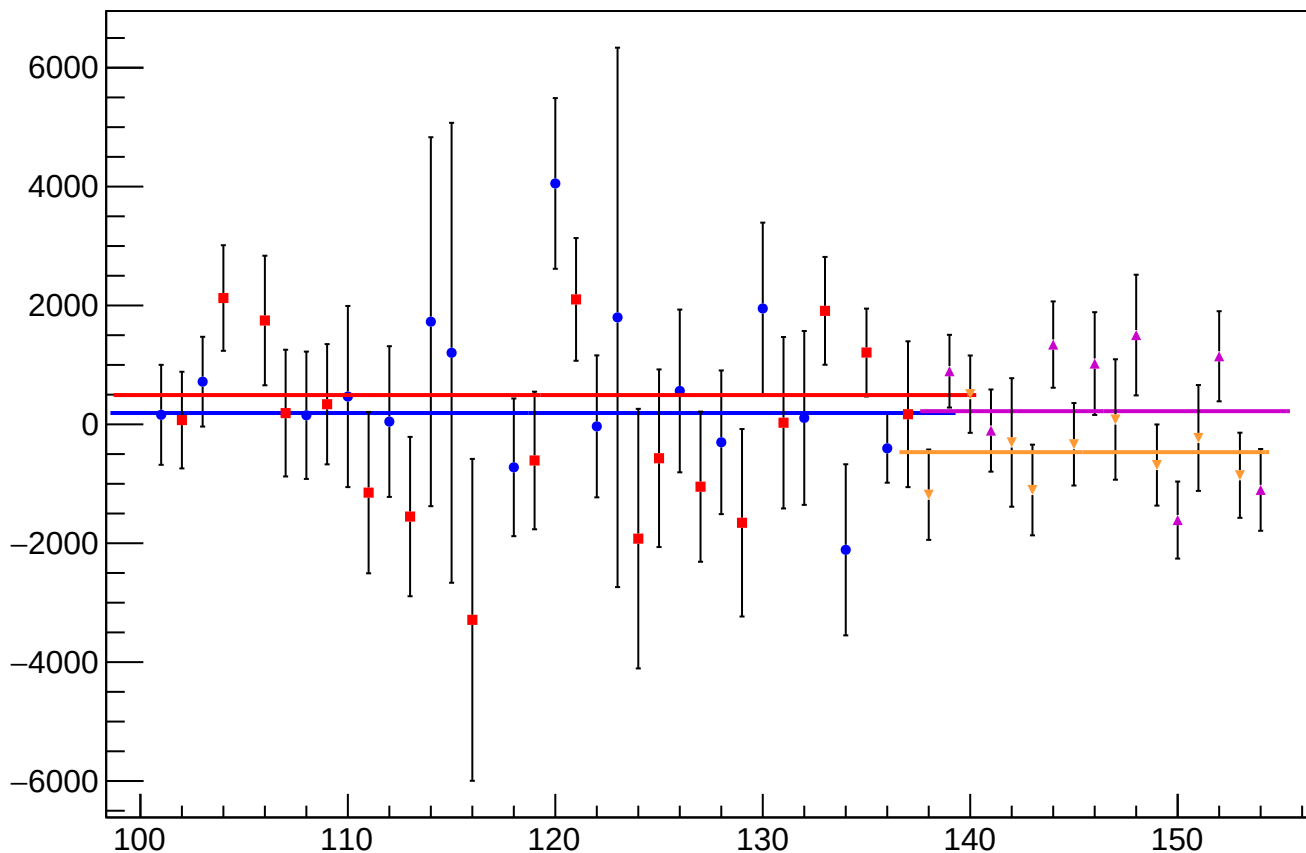
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 685.266 $\pm$ 0.135 χ^2 /NDF:930924.3/24

Out: 680.121 $\pm$ 0.132 χ^2 /NDF:862147.5/26

All: 682.638 $\pm$ 0.095 χ^2 /NDF: 1793810.5/51

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -467.552 $\pm$ 257.510 χ^2 /NDF:4.7/8

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 221.901 $\pm$ 256.468 χ^2 /NDF:19.4/7

Left: -121.428 $\pm$ 181.717 χ^2 /NDF: 27.7/16

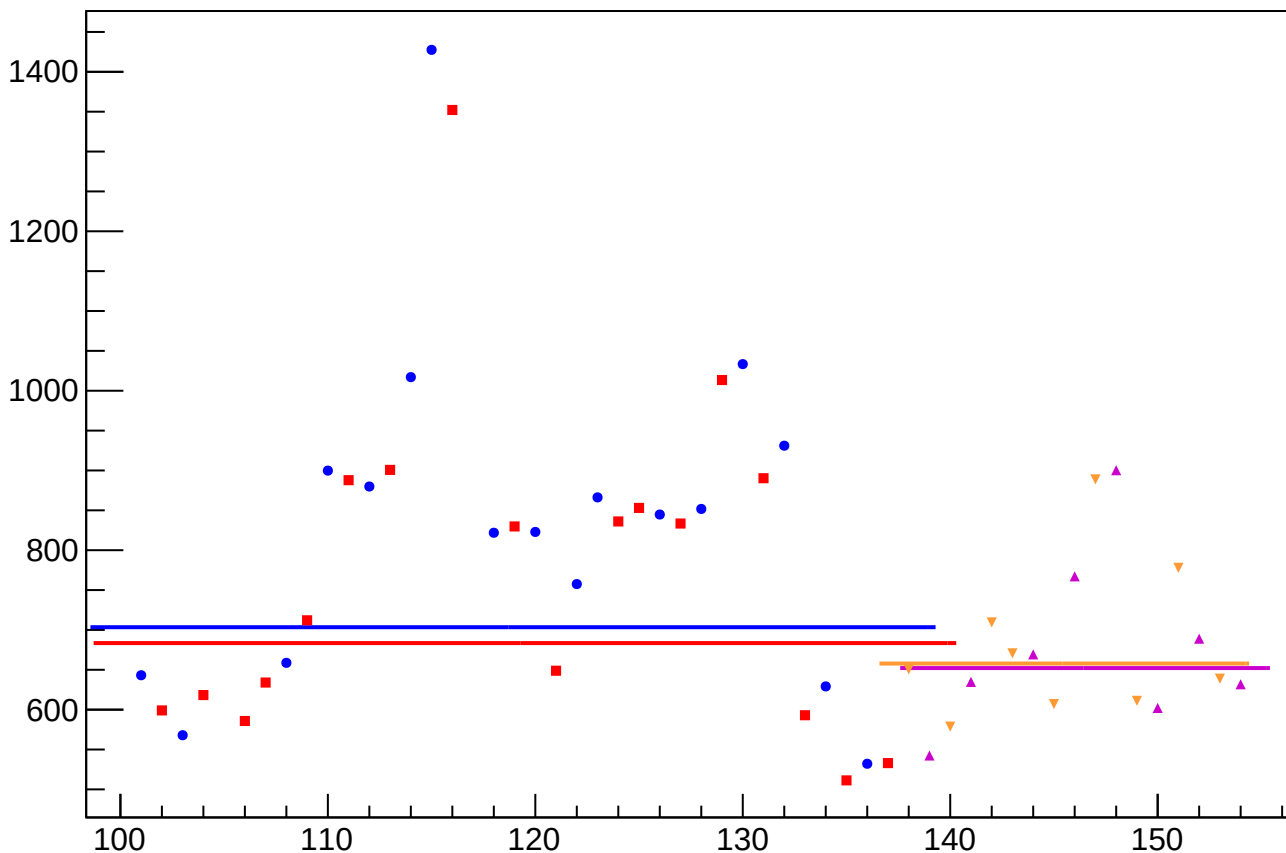
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 207.675 $\pm$ 188.712 χ^2 /NDF:33.6/24

Out: -0.476 $\pm$ 184.553 χ^2 /NDF:34.2/26

All: 101.280 $\pm$ 131.944 χ^2 /NDF: 68.5/51

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 657.842 $\pm$ 0.182 χ^2 /NDF:196789.2/8

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 652.174 $\pm$ 0.181 χ^2 /NDF:239887.5/7

Left: 654.996 $\pm$ 0.128 χ^2 /NDF: 437163.1/16

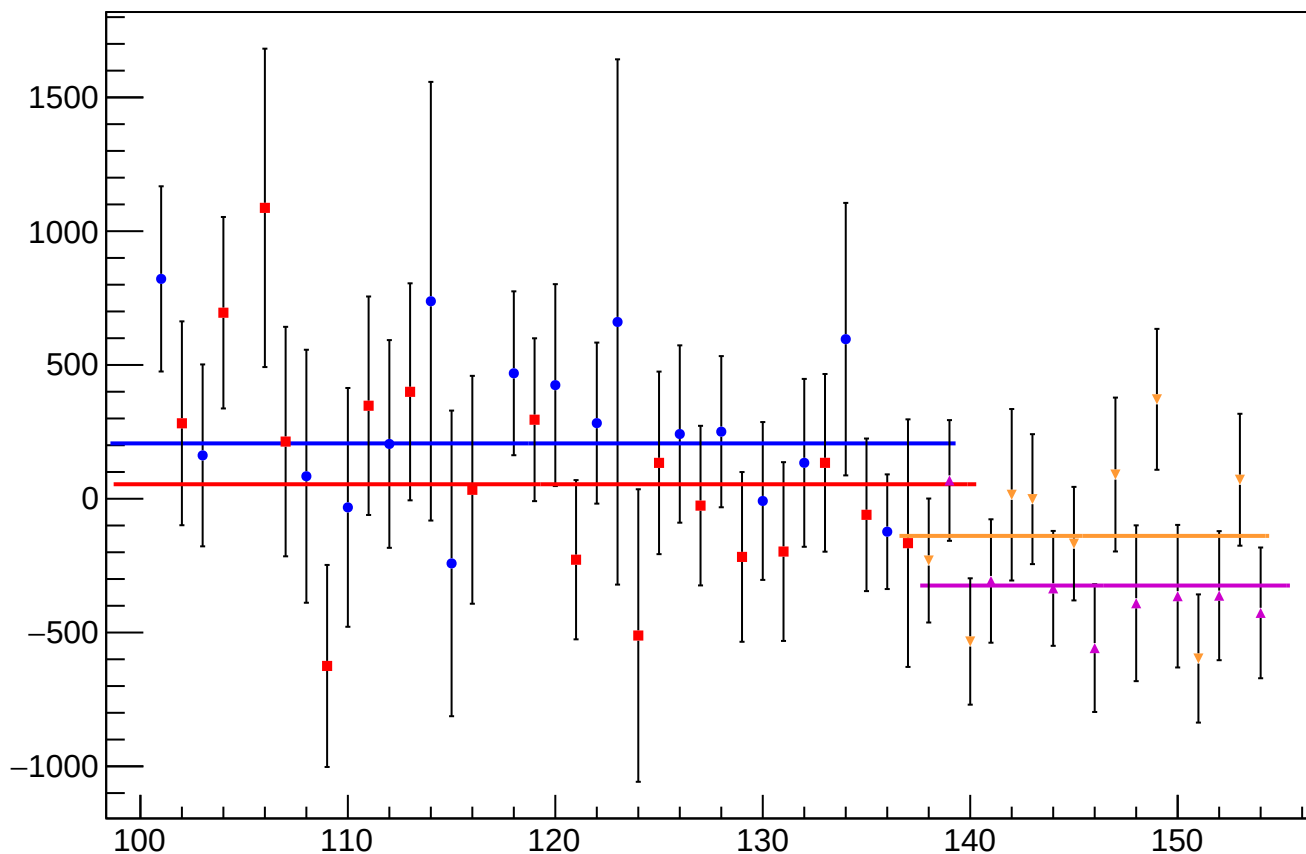
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 675.668 $\pm$ 0.133 χ^2 /NDF:943372.1/24

Out: 670.318 $\pm$ 0.130 χ^2 /NDF:865797.0/26

All: 672.933 $\pm$ 0.093 χ^2 /NDF: 1809990.9/51

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -138.825 $\pm$ 82.798 χ^2 /NDF:12.3/8

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -324.362 $\pm$ 85.275 χ^2 /NDF:4.3/7

Left: -228.859 $\pm$ 59.403 χ^2 /NDF: 19.0/16

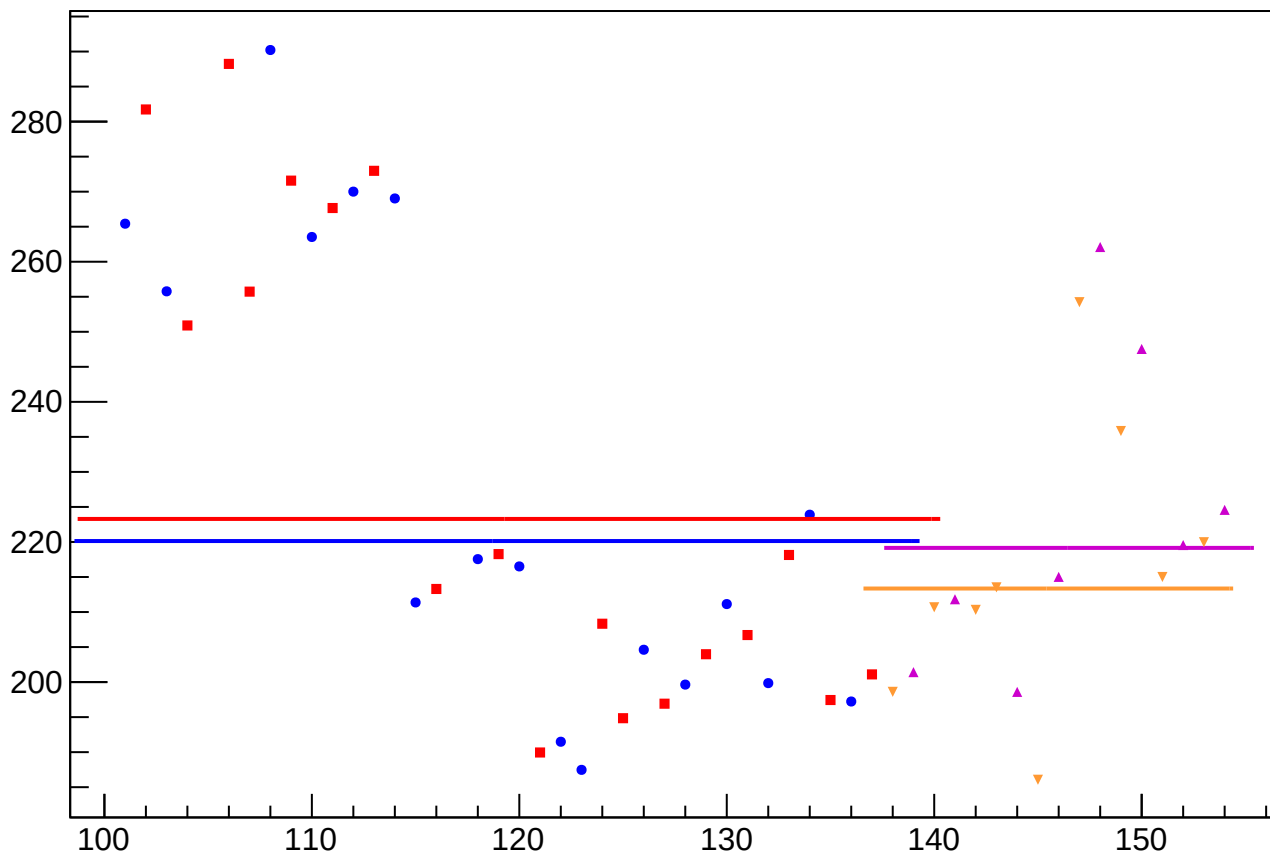
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -59.851 $\pm$ 60.424 χ^2 /NDF:33.1/24

Out: -45.071 $\pm$ 59.375 χ^2 /NDF:30.6/26

All: -52.332 $\pm$ 42.351 χ^2 /NDF: 63.7/51

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: 213.355 $\pm$ 0.059 χ^2/NDF : 98151.7/8

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 219.155 $\pm$ 0.060 χ^2/NDF : 100537.2/7

Left: 216.170 $\pm$ 0.042 χ^2/NDF : 203451.2/16

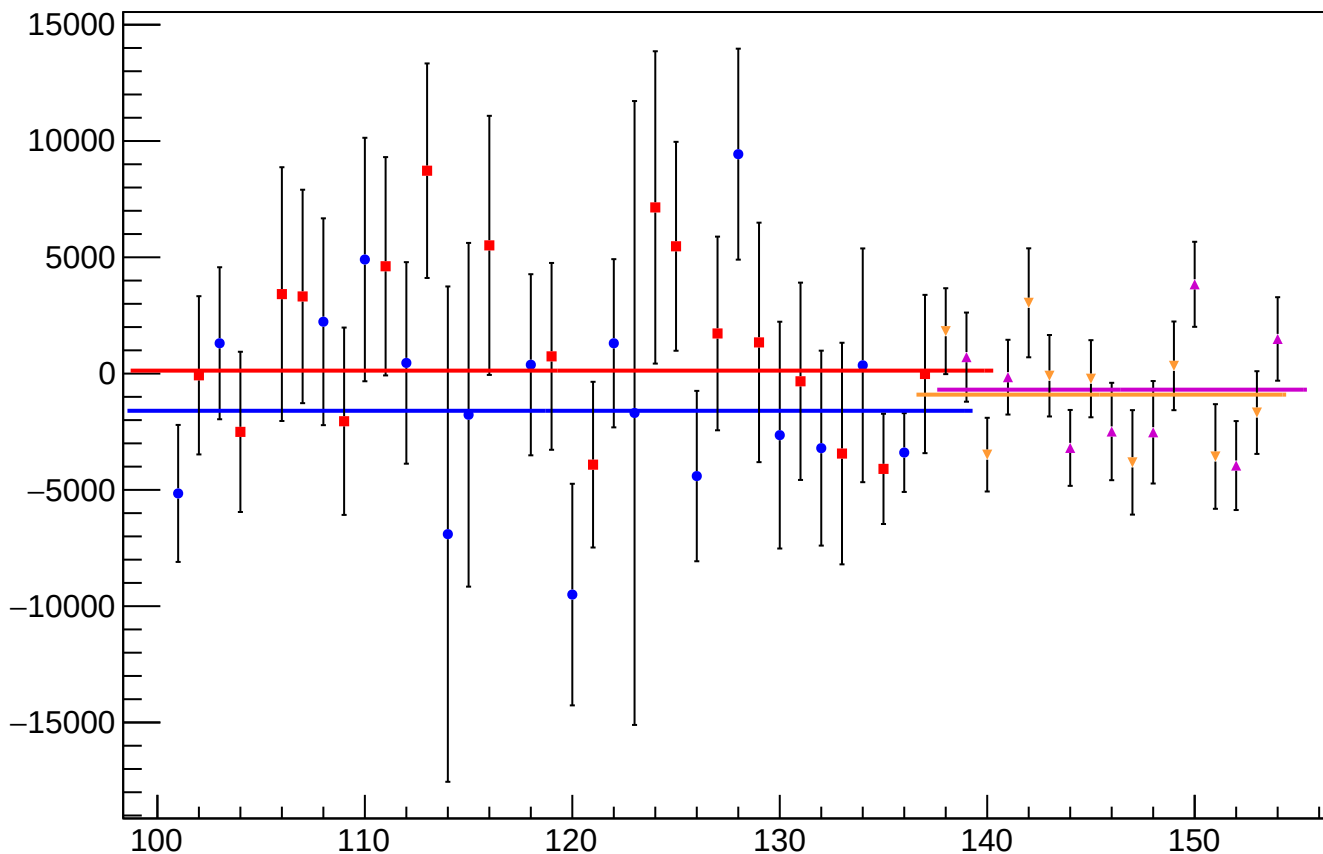
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 219.642 $\pm$ 0.043 χ^2/NDF : 329112.1/24

Out: 218.180 $\pm$ 0.042 χ^2/NDF : 384386.2/26

All: 218.898 $\pm$ 0.030 χ^2/NDF : 714094.0/51

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -904.773 $\pm$ 626.130 χ^2 /NDF:11.7/8

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -690.806 $\pm$ 652.029 χ^2 /NDF:15.0/7

Left: -802.124 $\pm$ 451.619 χ^2 /NDF: 26.8/16

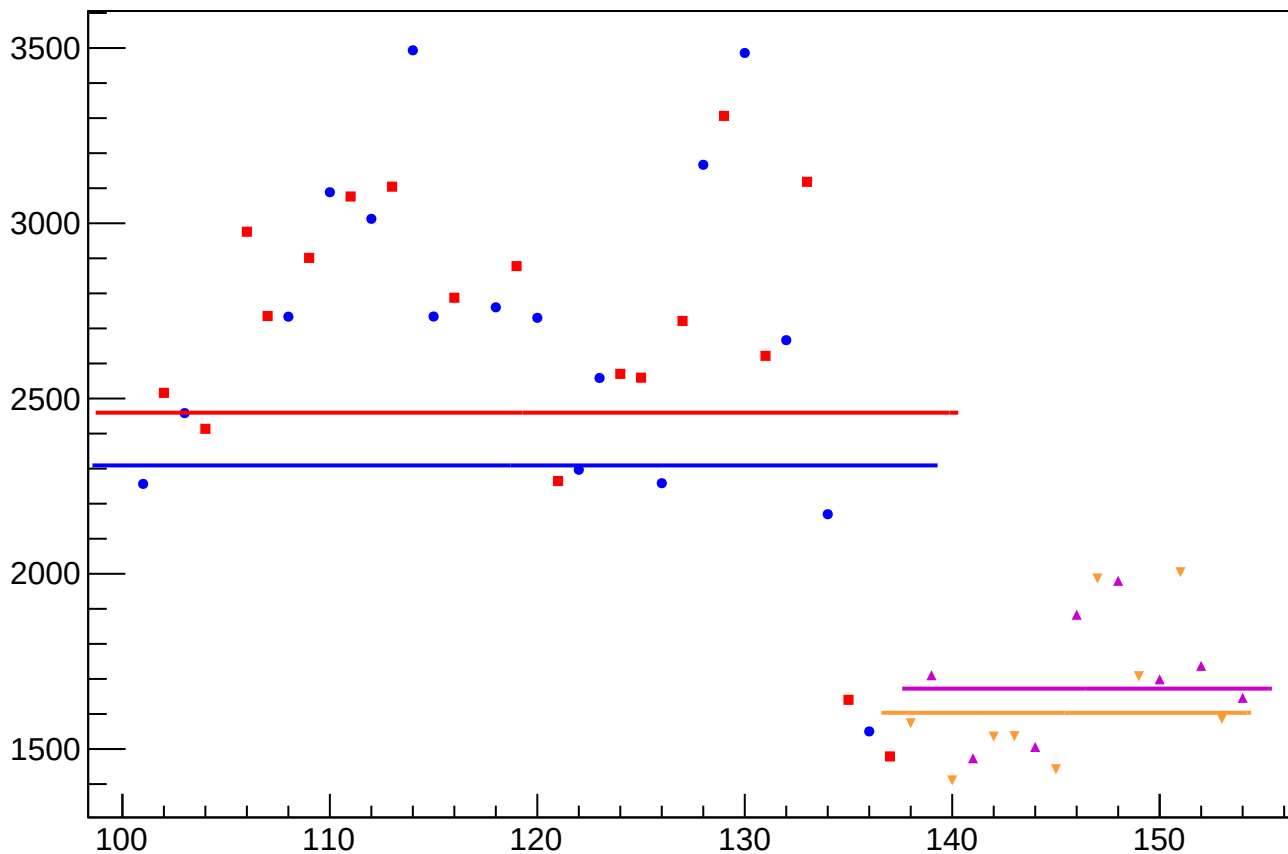
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -994.020 $\pm$ 532.174 χ^2 /NDF:32.2/24

Out: -591.664 $\pm$ 522.643 χ^2 /NDF:27.4/26

All: -789.207 $\pm$ 372.889 χ^2 /NDF: 59.9/51

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1603.437+/-0.443 χ^2/NDF : 181602.4/8

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1672.398+/-0.461 χ^2/NDF : 114568.3/7

Left: 1636.521+/-0.319 χ^2/NDF : 307809.8/16

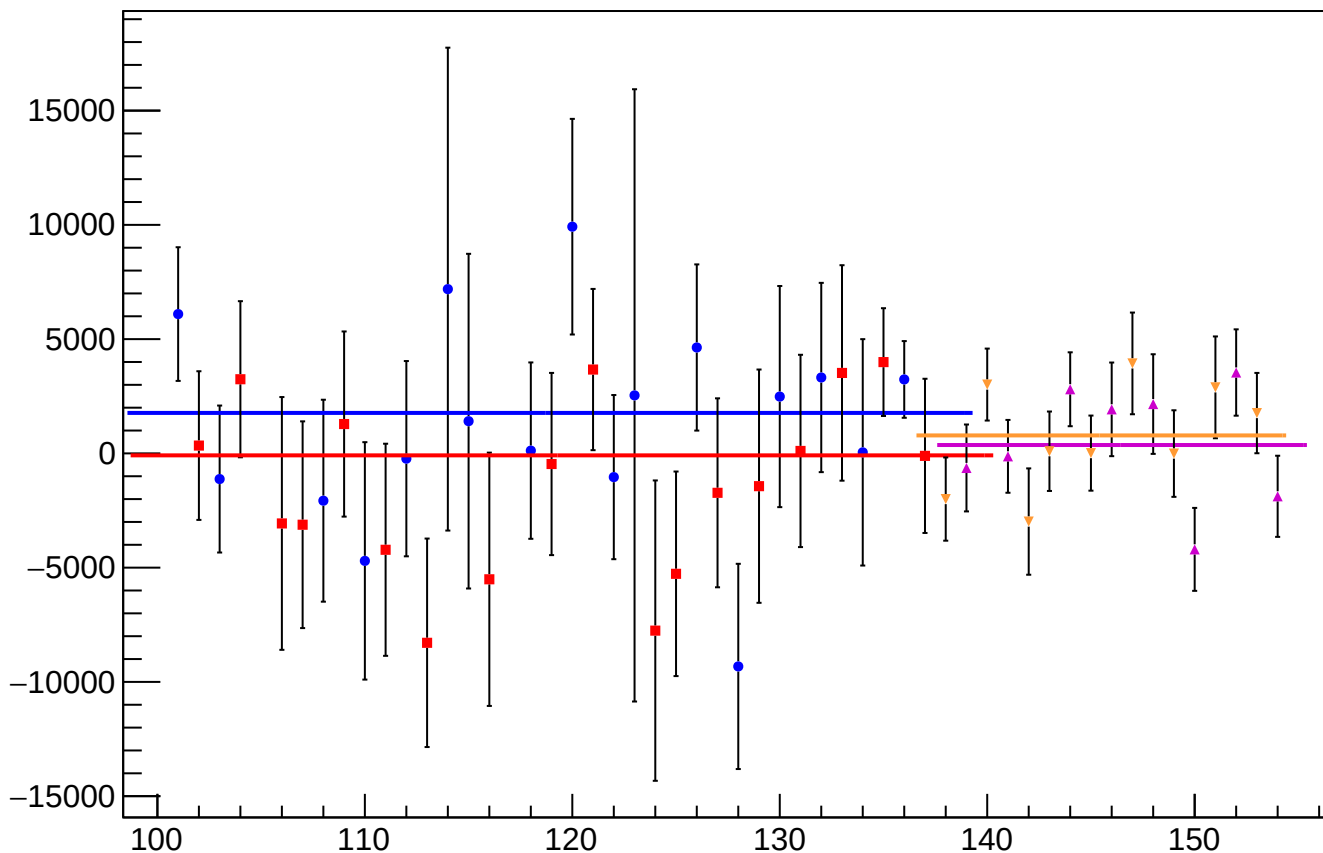
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1884.970+/-0.376 χ^2/NDF : 1552033.2/24

Out: 1863.064+/-0.370 χ^2/NDF : 1983770.1/26

All: 1873.819+/-0.264 χ^2/NDF : 3537528.4/51

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 786.526+/-620.533 χ^2/NDF : 10.7/8

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 366.232+/-645.199 χ^2/NDF : 14.7/7

Left: 584.566+/-447.249 χ^2/NDF : 25.6/16

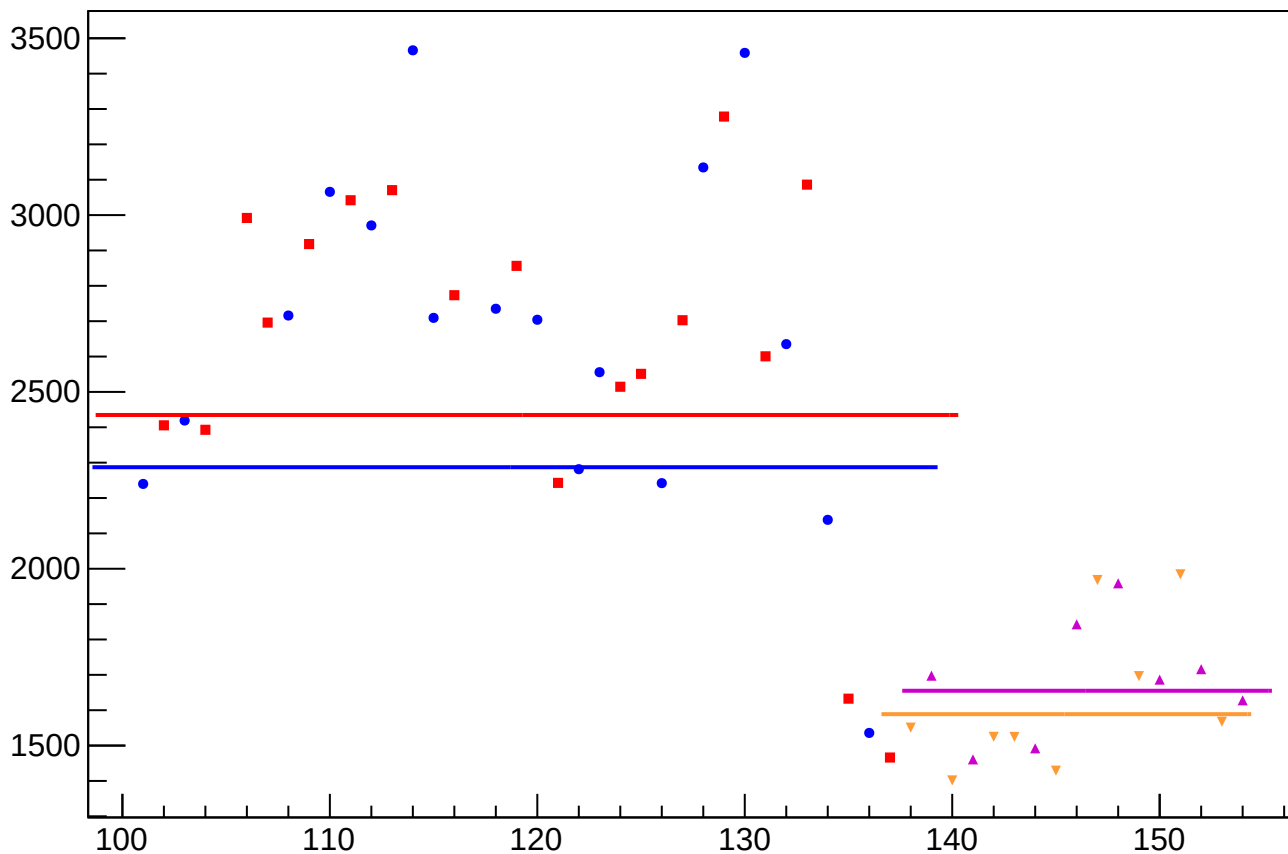
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 834.664+/-526.780 χ^2/NDF : 33.6/24

Out: 521.617+/-517.844 χ^2/NDF : 25.8/26

All: 675.463+/-369.290 χ^2/NDF : 59.5/51

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1588.833 $\pm$ 0.439 χ^2/NDF :180236.0/8

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1654.994 $\pm$ 0.456 χ^2/NDF :109757.6/7

Left: 1620.625 $\pm$ 0.316 χ^2/NDF : 300918.2/16

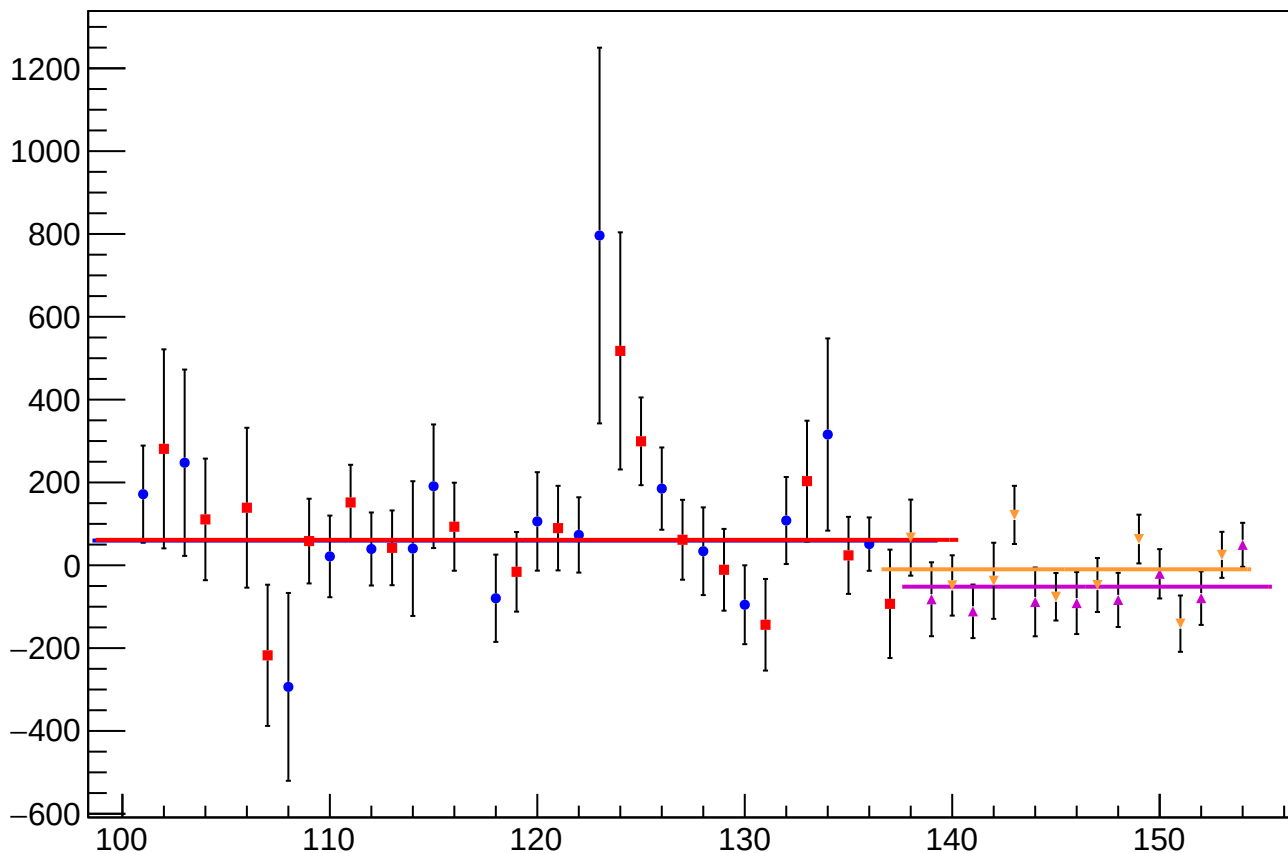
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1865.734 $\pm$ 0.372 χ^2/NDF :1549158.3/24

Out: 1845.651 $\pm$ 0.366 χ^2/NDF :1975596.2/26

All: 1855.521 $\pm$ 0.261 χ^2/NDF : 3526232.8/51

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -9.707 $\pm$ 22.376 χ^2 /NDF:11.9/8

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -51.673 $\pm$ 23.590 χ^2 /NDF:5.7/7

Left: -29.582 $\pm$ 16.234 χ^2 /NDF: 19.3/16

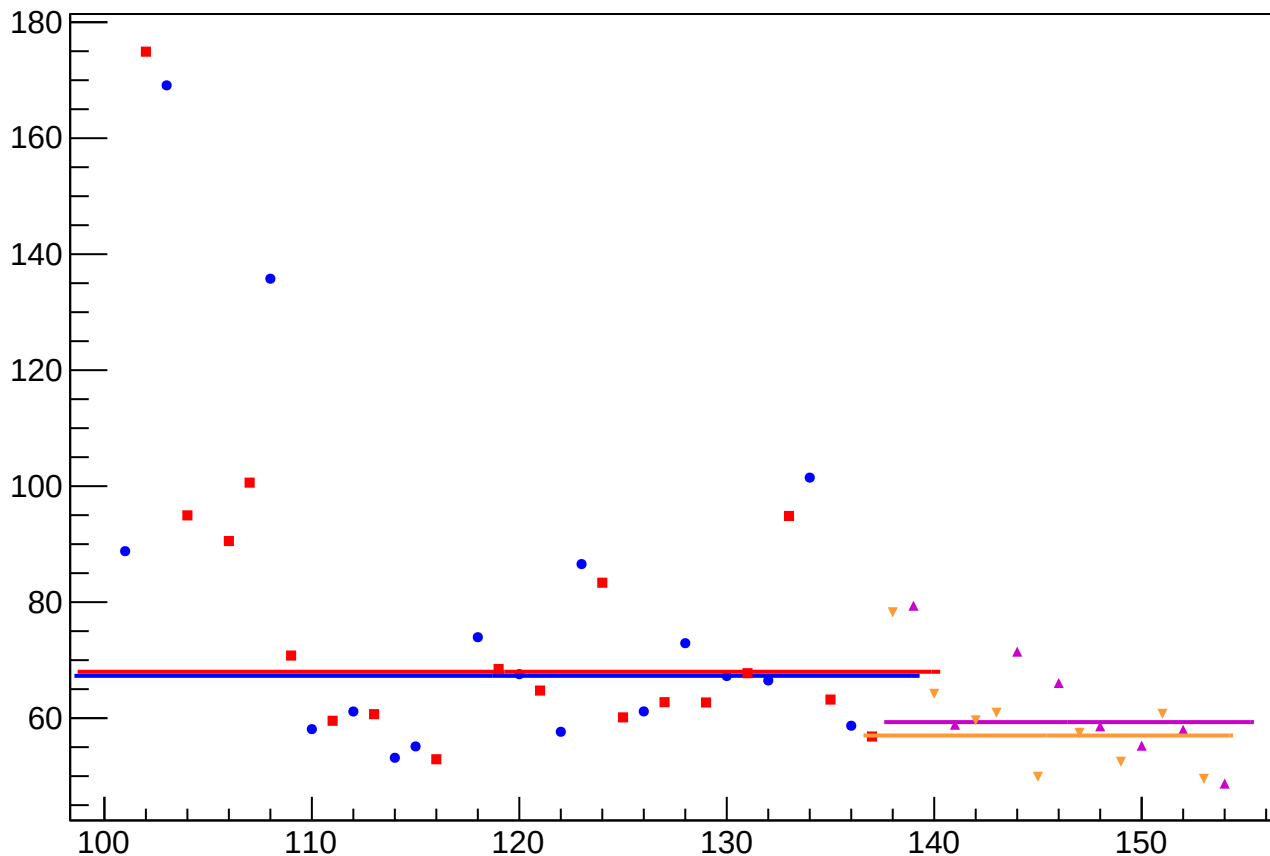
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -3.639 $\pm$ 17.787 χ^2 /NDF:30.7/24

Out: 19.231 $\pm$ 17.231 χ^2 /NDF:35.7/26

All: 8.159 $\pm$ 12.376 χ^2 /NDF: 67.3/51

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2/NDF : 841352.2/16

Left Out: 57.006 $\pm$ 0.016 χ^2/NDF : 219374.2/8

Right Out: 67.998 $\pm$ 0.019 χ^2/NDF : 754329.7/17

Left In: 59.318 $\pm$ 0.017 χ^2/NDF : 250230.3/7

Left: 58.101 $\pm$ 0.011 χ^2/NDF : 479714.7/16

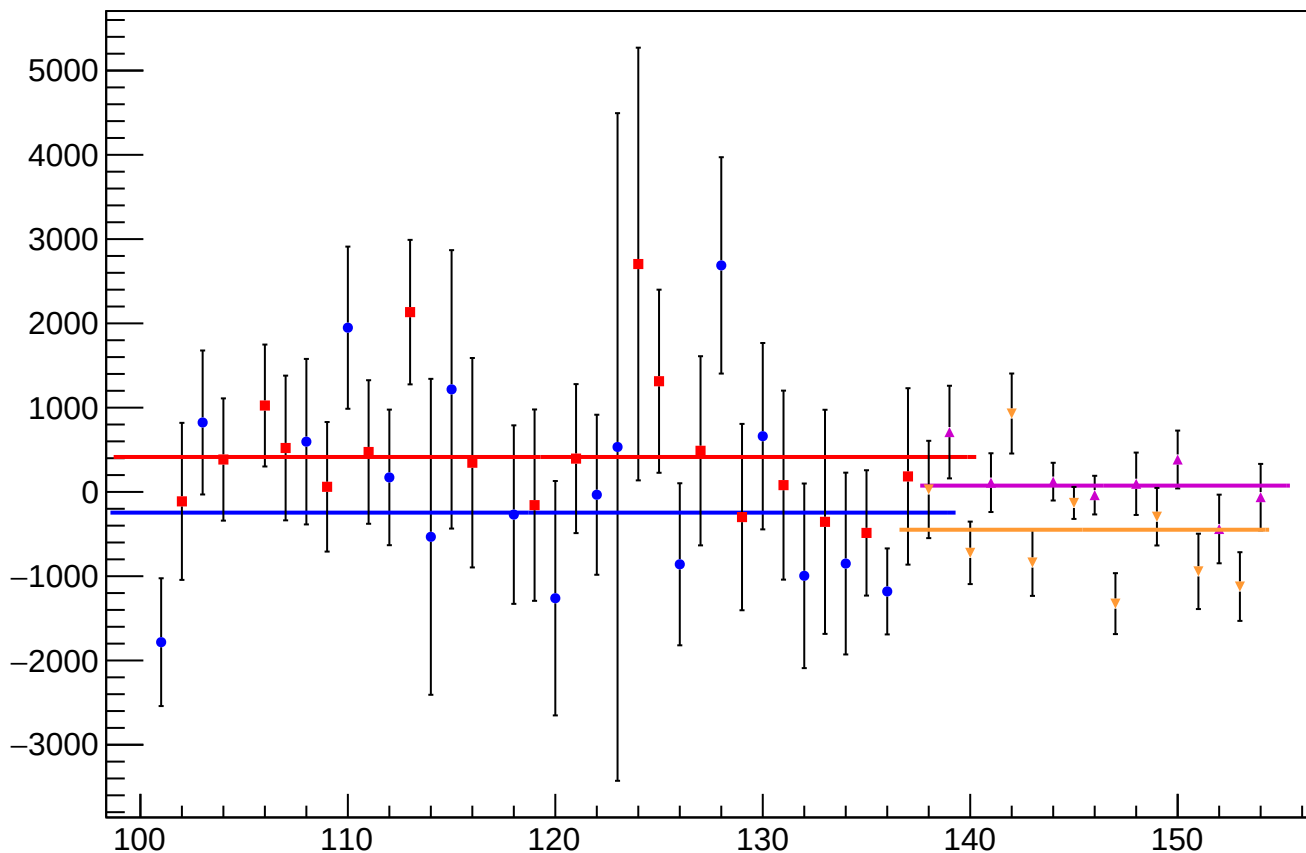
Right: 67.648 $\pm$ 0.014 χ^2/NDF : 1596354.2/34

In: 62.760 $\pm$ 0.013 χ^2/NDF : 1190305.8/24

Out: 61.480 $\pm$ 0.012 χ^2/NDF : 1170132.3/26

All: 62.100 $\pm$ 0.009 χ^2/NDF : 2365789.0/51

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: -448.672 $\pm$ 114.611 χ^2 /NDF:23.5/8

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 74.923 $\pm$ 112.667 χ^2 /NDF:4.2/7

Left: -182.396 $\pm$ 80.346 χ^2 /NDF: 38.3/16

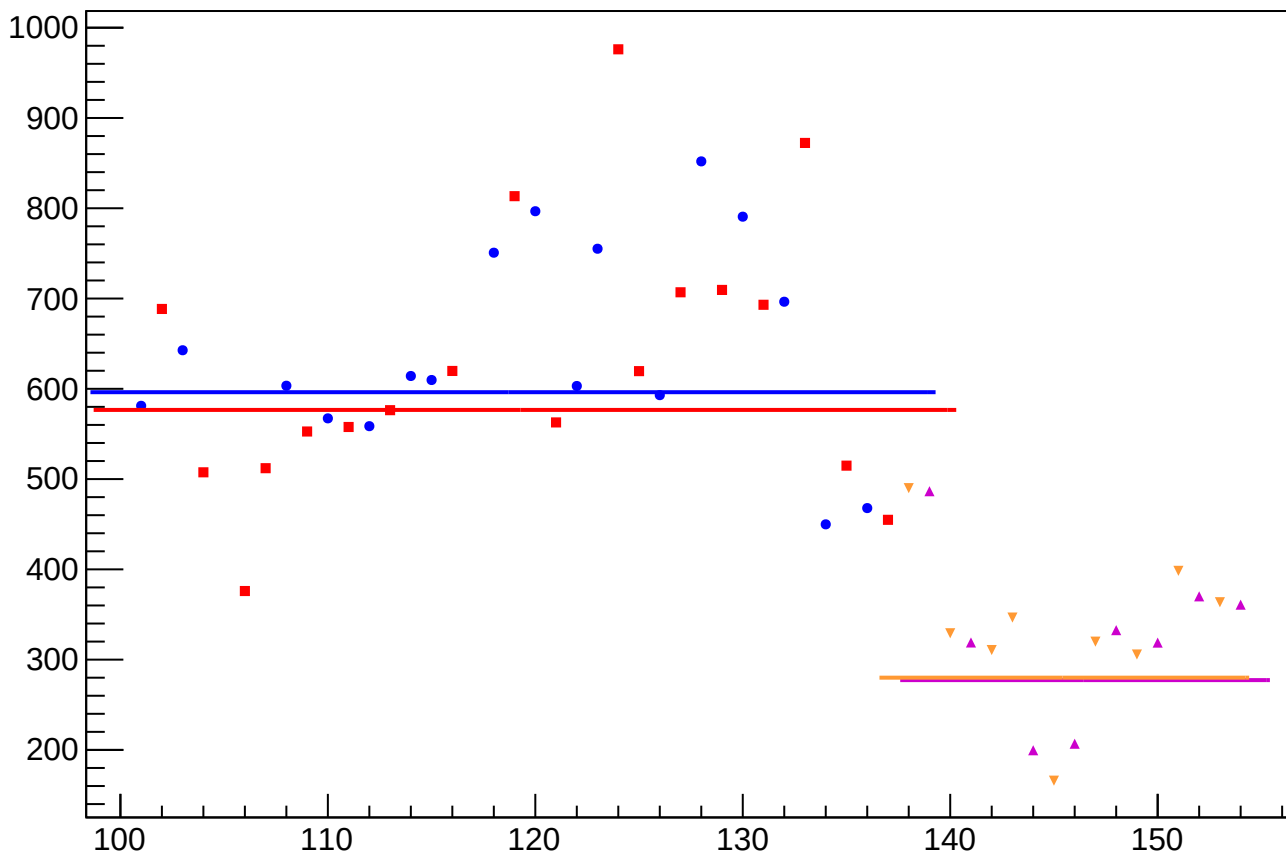
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 15.180 $\pm$ 101.627 χ^2 /NDF:29.4/24

Out: -267.993 $\pm$ 101.916 χ^2 /NDF:44.8/26

All: -126.004 $\pm$ 71.963 χ^2 /NDF: 78.1/51

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 280.027 $\pm$ 0.081 χ^2 /NDF:1347612.7/8

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 277.321 $\pm$ 0.080 χ^2 /NDF:1016179.3/7

Left: 278.651 $\pm$ 0.057 χ^2 /NDF: 2364358.9/16

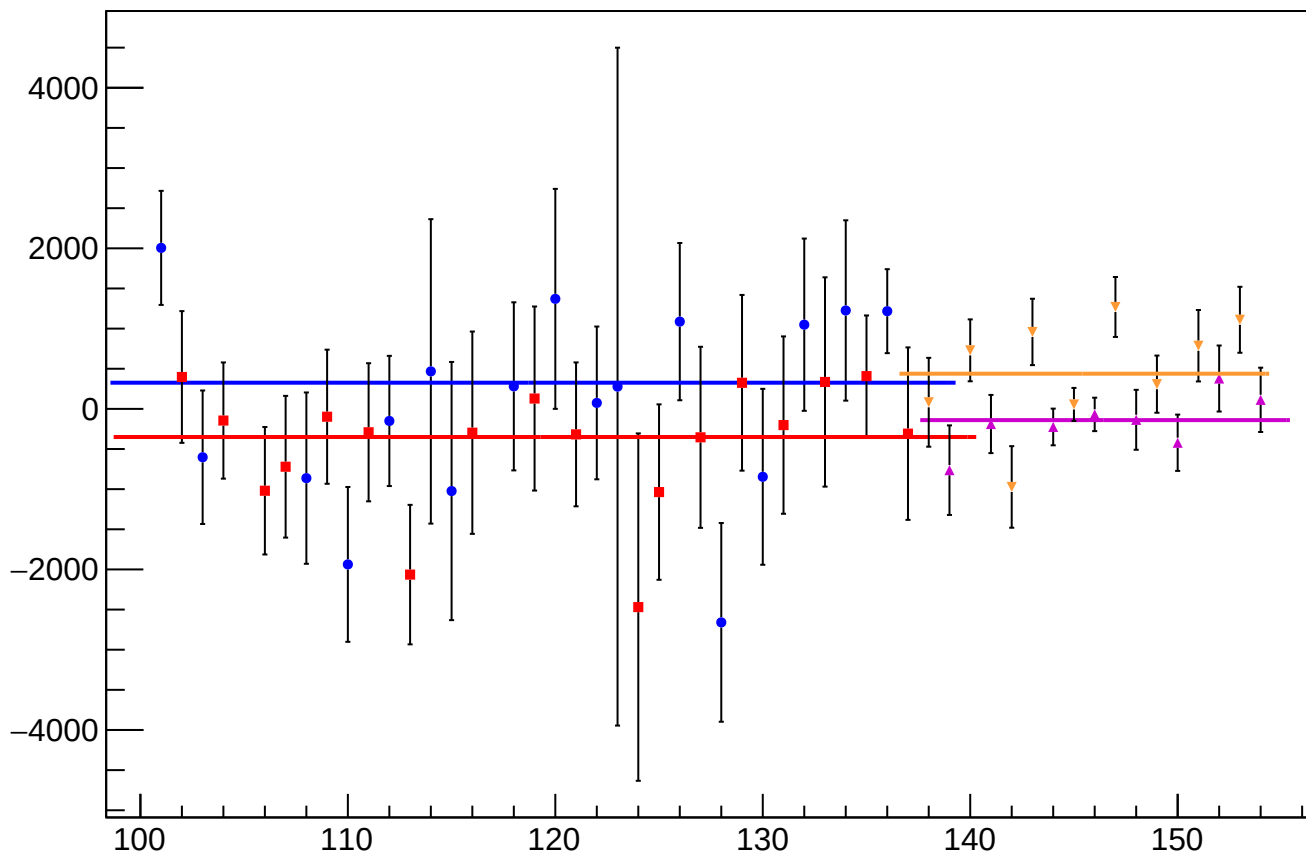
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 336.761 $\pm$ 0.072 χ^2 /NDF:4425100.1/24

Out: 342.093 $\pm$ 0.072 χ^2 /NDF:4723997.6/26

All: 339.419 $\pm$ 0.051 χ^2 /NDF: 9151842.3/51

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 438.218 ± 120.046 $\chi^2/\text{NDF}: 22.1/8$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -139.924 ± 111.450 $\chi^2/\text{NDF}: 4.2/7$

Left: 127.708 ± 81.677 $\chi^2/\text{NDF}: 38.7/16$

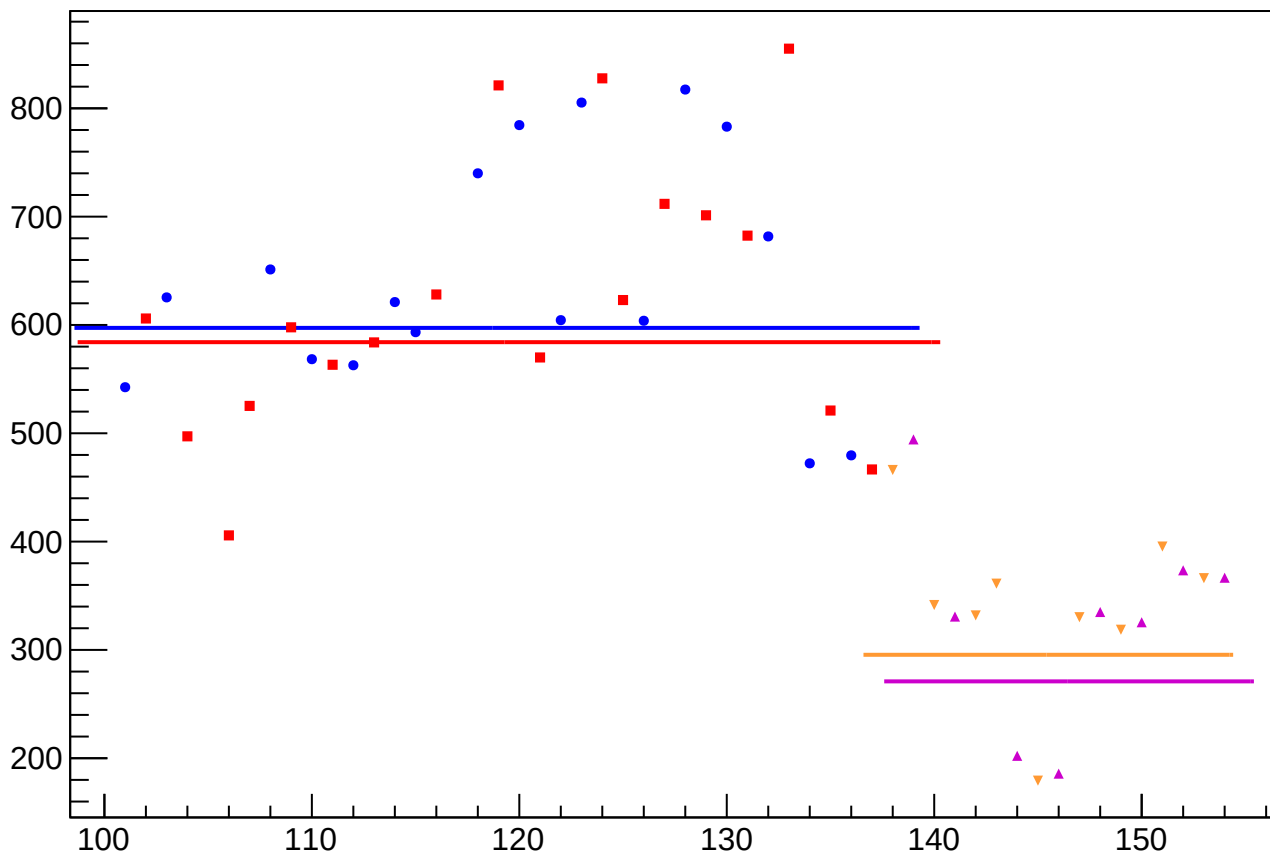
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -54.713 ± 100.746 $\chi^2/\text{NDF}: 34.2/24$

Out: 263.780 ± 105.941 $\chi^2/\text{NDF}: 40.7/26$

All: 96.534 ± 73.006 $\chi^2/\text{NDF}: 79.6/51$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 295.494 $\pm$ 0.085 χ^2/NDF :1103346.1/8

Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17

Left In: 270.949 $\pm$ 0.079 χ^2/NDF :1236774.3/7

Left: 282.311 $\pm$ 0.058 χ^2/NDF : 2385024.7/16

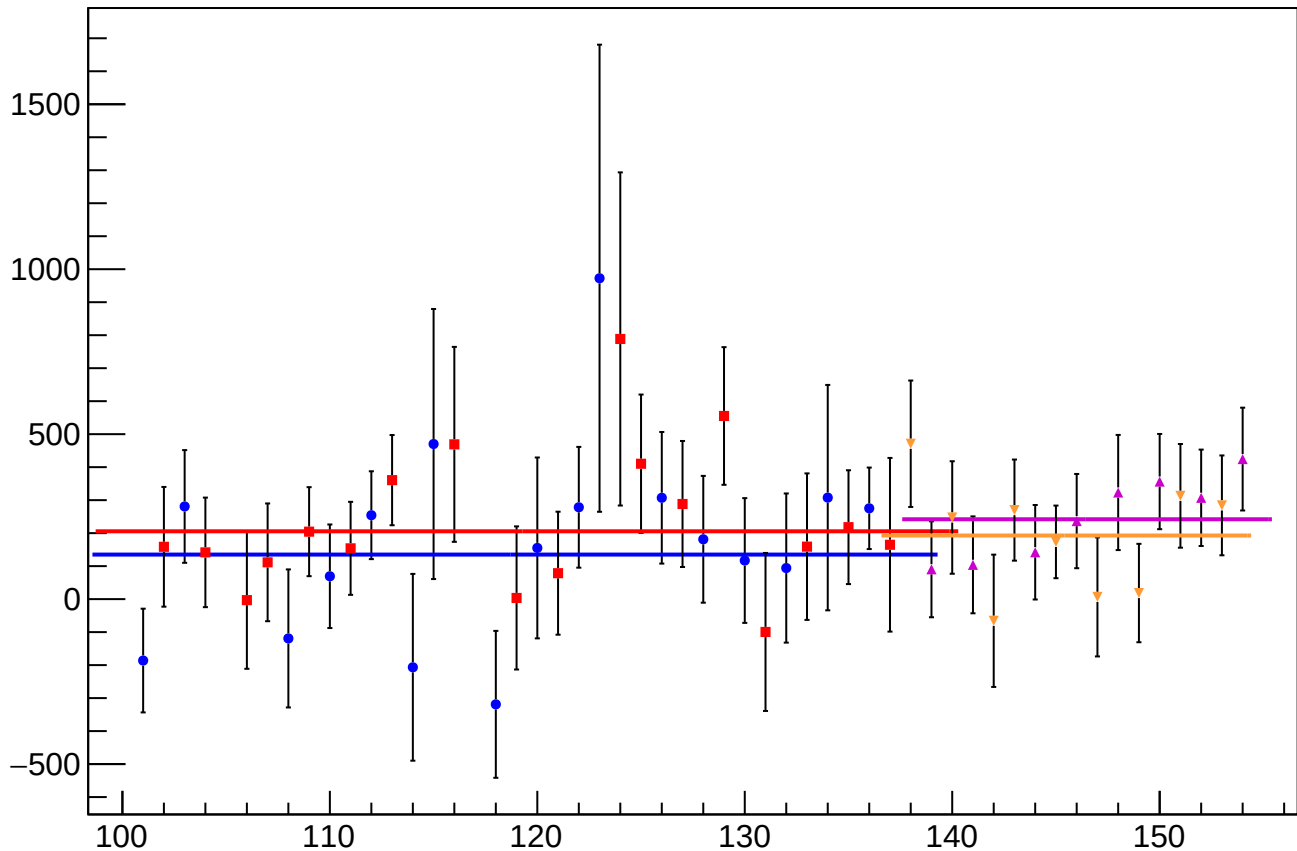
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 330.624 $\pm$ 0.071 χ^2/NDF :4736210.4/24

Out: 359.335 $\pm$ 0.075 χ^2/NDF :4107399.7/26

All: 344.258 $\pm$ 0.052 χ^2/NDF : 8920747.5/51

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 192.840 $\pm$ 51.881 χ^2 /NDF:7.5/8

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 242.064 $\pm$ 52.685 χ^2 /NDF:4.9/7

Left: 217.074 $\pm$ 36.966 χ^2 /NDF: 12.9/16

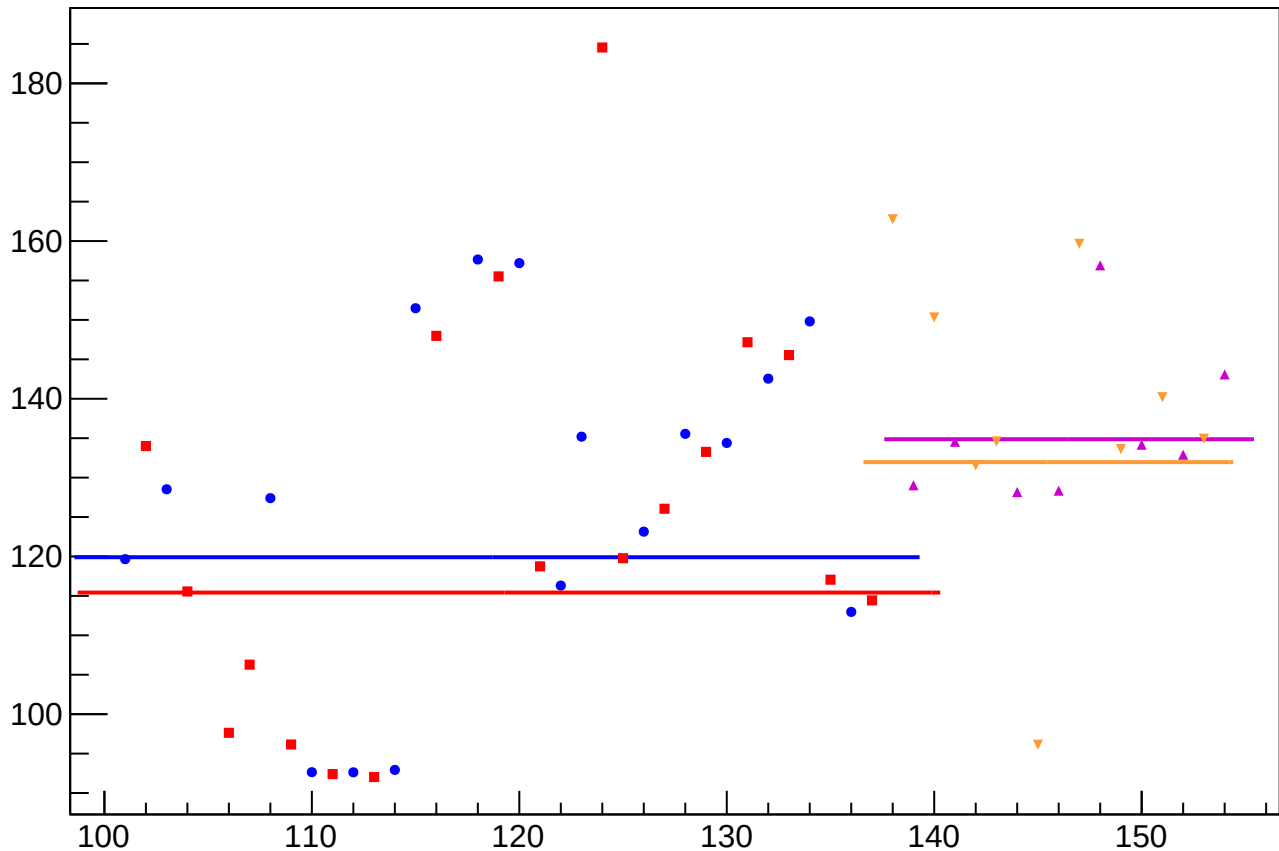
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 182.490 $\pm$ 35.083 χ^2 /NDF:25.2/24

Out: 200.181 $\pm$ 33.793 χ^2 /NDF:19.6/26

All: 191.666 $\pm$ 24.338 χ^2 /NDF: 44.9/51

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 131.968+/-0.037 χ^2/NDF : 341047.4/8

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 134.868+/-0.037 χ^2/NDF : 49685.6/7

Left: 133.396+/-0.026 χ^2/NDF : 393811.3/16

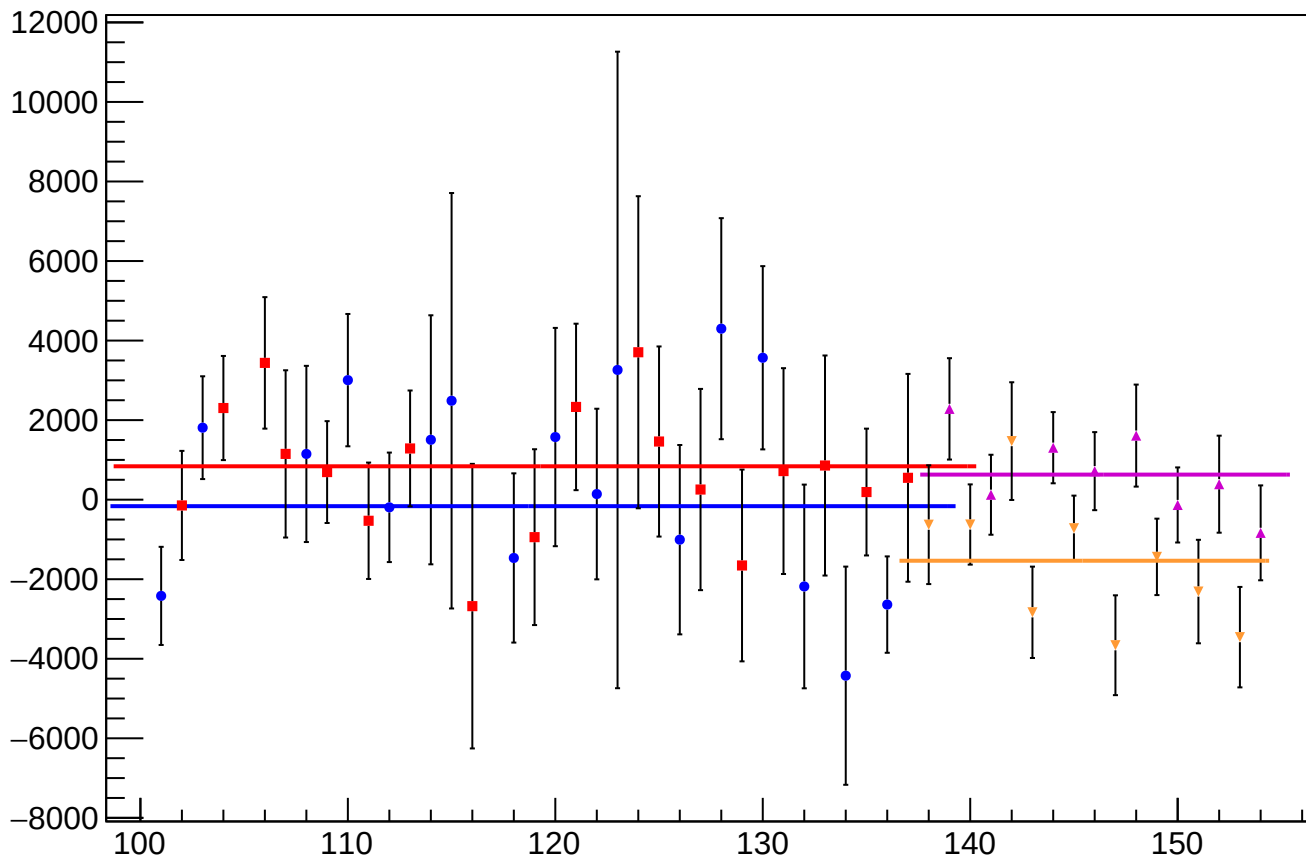
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 126.539+/-0.025 χ^2/NDF : 485009.1/24

Out: 122.442+/-0.024 χ^2/NDF : 876258.1/26

All: 124.414+/-0.017 χ^2/NDF : 1375419.2/51

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1535.585 $\pm$ 376.187 χ^2 /NDF:13.1/8

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 630.199 $\pm$ 378.049 χ^2 /NDF:5.3/7

Left: -458.039 $\pm$ 266.660 χ^2 /NDF: 34.9/16

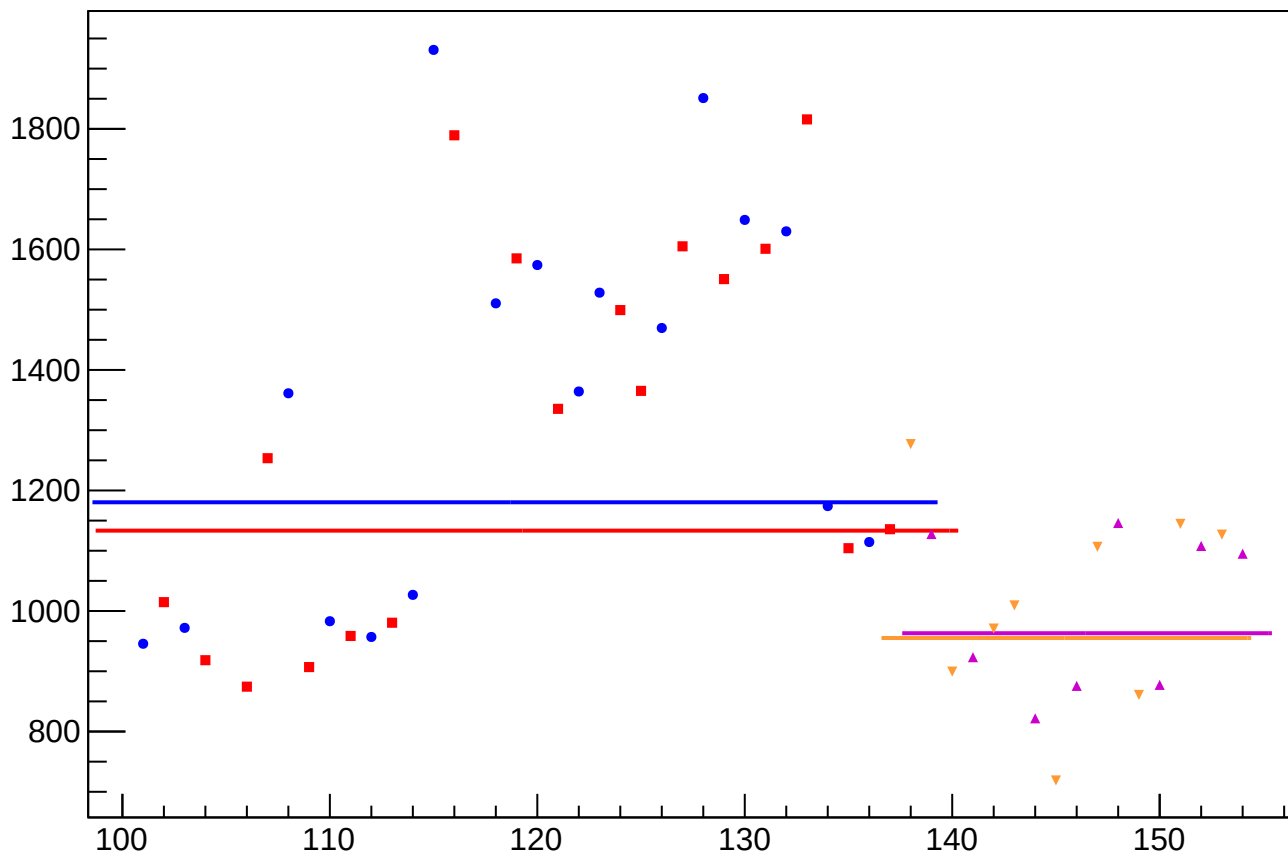
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 318.064 $\pm$ 294.479 χ^2 /NDF:30.7/24

Out: -533.992 $\pm$ 286.060 χ^2 /NDF:39.2/26

All: -120.318 $\pm$ 205.187 χ^2 /NDF: 74.3/51

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 955.184 $\pm$ 0.266 χ^2/NDF : 397227.6/8

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 963.129 $\pm$ 0.267 χ^2/NDF : 211931.3/7

Left: 959.137 $\pm$ 0.189 χ^2/NDF : 609602.6/16

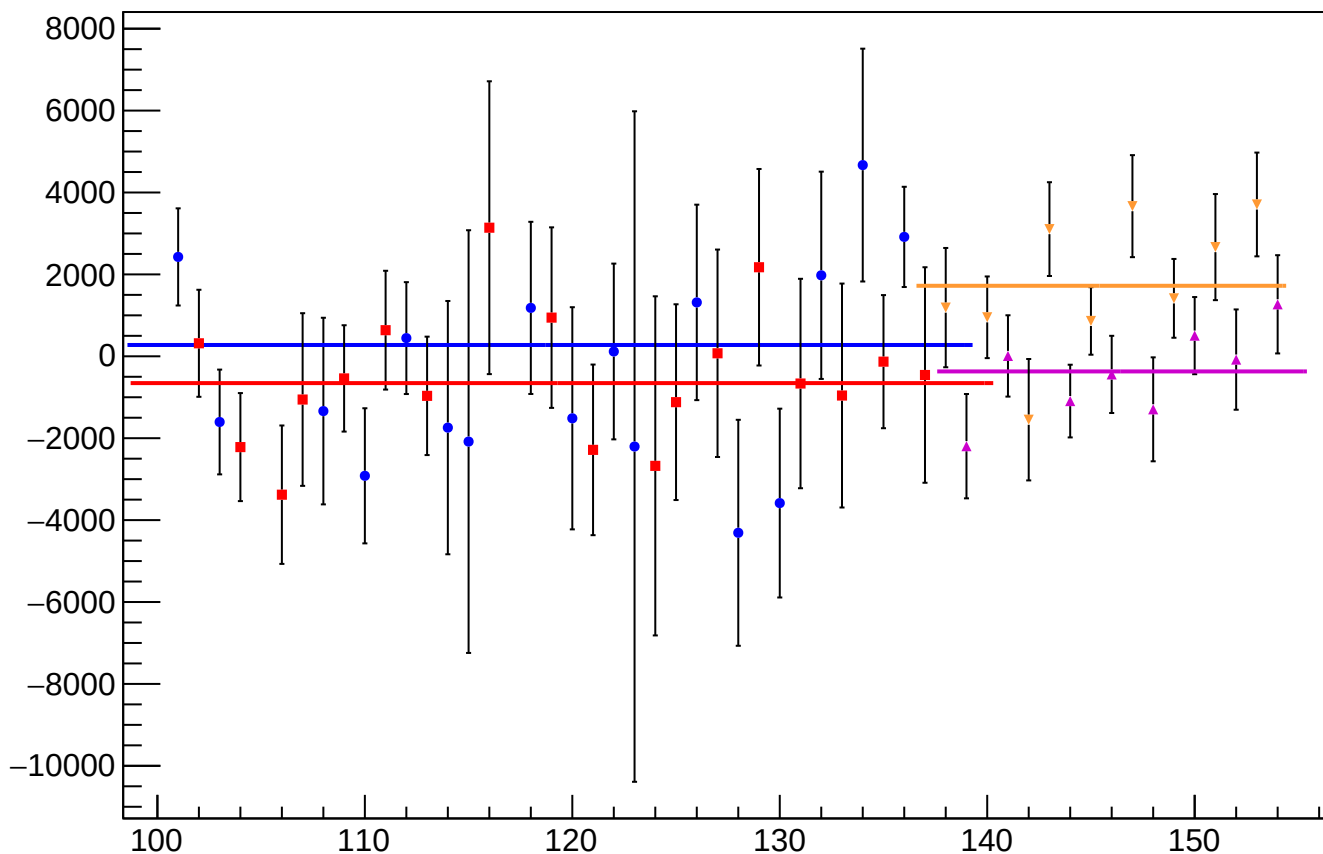
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1048.571 $\pm$ 0.208 χ^2/NDF : 1140563.3/24

Out: 1030.327 $\pm$ 0.202 χ^2/NDF : 1346824.6/26

All: 1039.185 $\pm$ 0.145 χ^2/NDF : 2491337.7/51

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1722.047 $\pm$ 375.032 χ^2/NDF :13.7/8

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: -369.331 $\pm$ 374.384 χ^2/NDF :6.2/7

Left: 674.551 $\pm$ 264.958 χ^2/NDF : 35.4/16

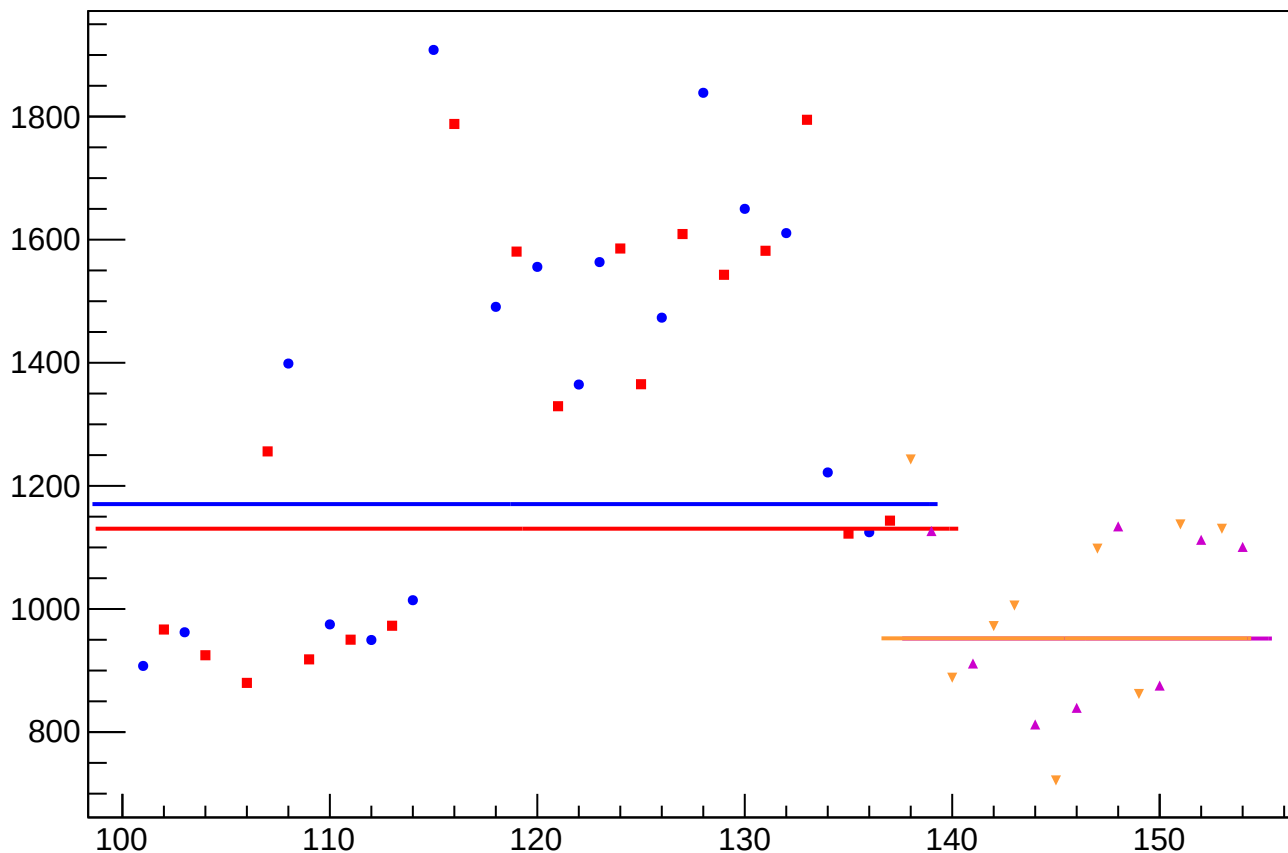
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: -116.306 $\pm$ 291.964 χ^2/NDF :31.7/24

Out: 721.594 $\pm$ 285.373 χ^2/NDF :40.1/26

All: 312.209 $\pm$ 204.080 χ^2/NDF : 76.0/51

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 952.331 $\pm$ 0.265 χ^2/NDF : 374683.6/8

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 952.018 $\pm$ 0.265 χ^2/NDF : 238394.8/7

Left: 952.175 $\pm$ 0.187 χ^2/NDF : 613079.0/16

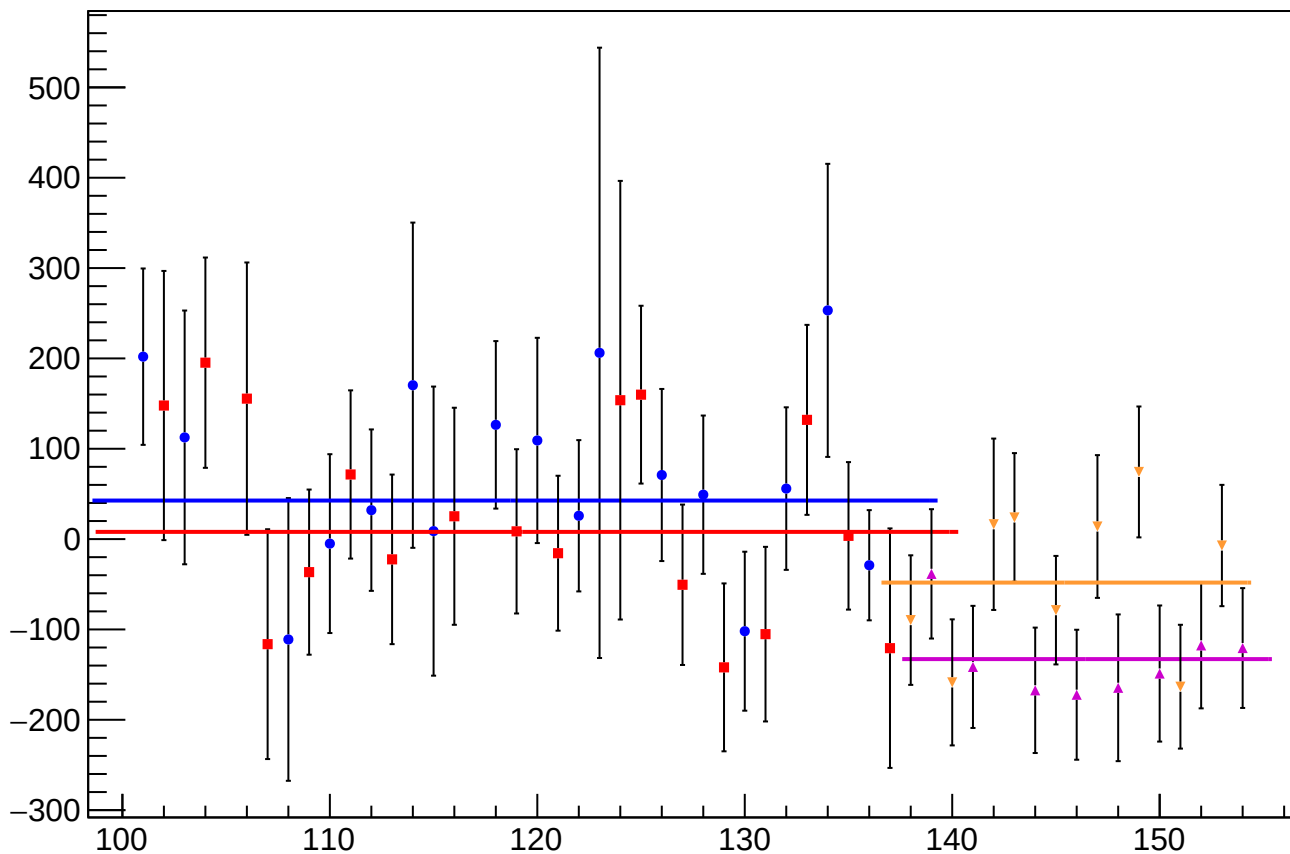
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1037.588 $\pm$ 0.206 χ^2/NDF : 1210532.1/24

Out: 1027.320 $\pm$ 0.202 χ^2/NDF : 1327648.6/26

All: 1032.337 $\pm$ 0.144 χ^2/NDF : 2539446.0/51

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -48.133 ± 23.762 $\chi^2/\text{NDF}: 11.3/8$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -132.831 ± 25.190 $\chi^2/\text{NDF}: 2.6/7$

Left: -88.013 ± 17.285 $\chi^2/\text{NDF}: 19.8/16$

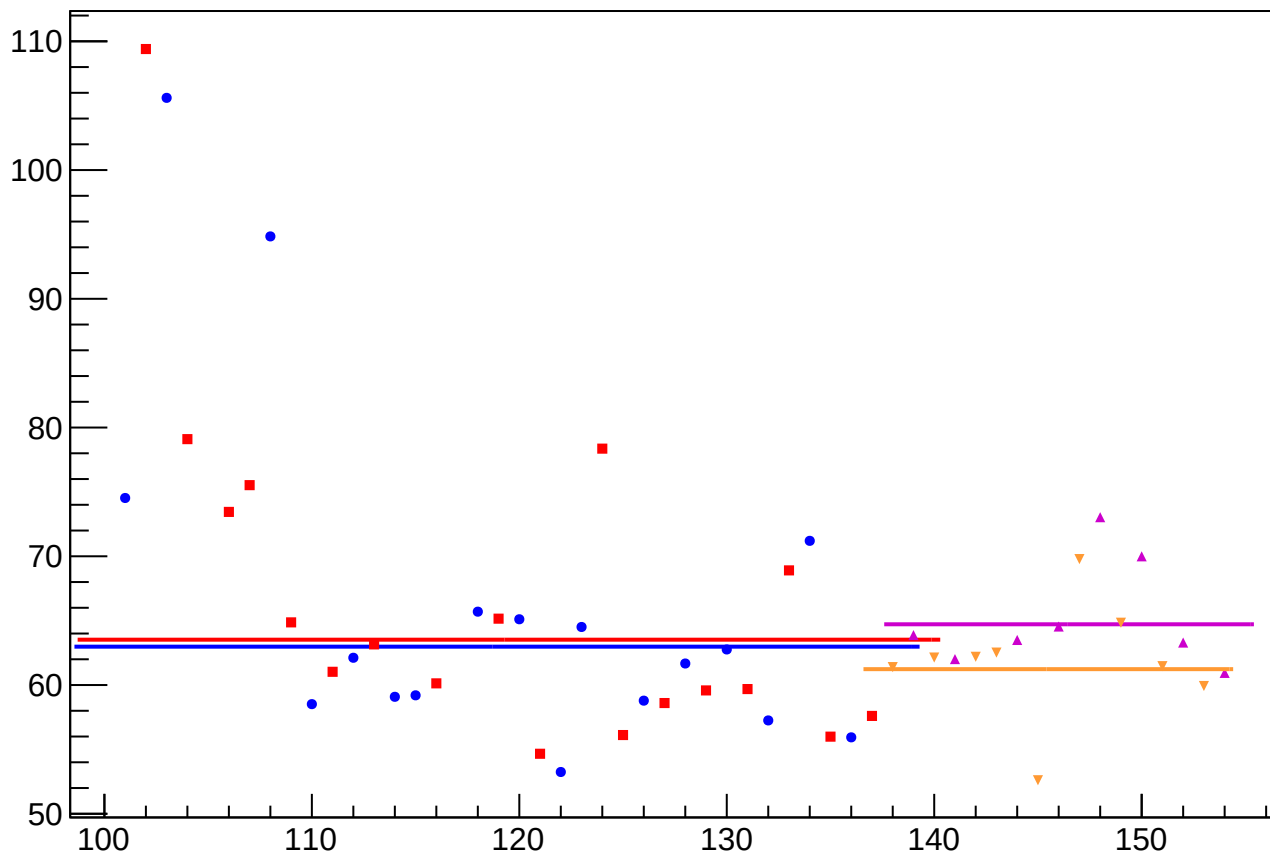
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -43.358 ± 17.637 $\chi^2/\text{NDF}: 39.3/24$

Out: -20.919 ± 17.055 $\chi^2/\text{NDF}: 29.7/26$

All: -31.762 ± 12.260 $\chi^2/\text{NDF}: 69.9/51$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.233 $\pm$ 0.017 χ^2 /NDF: 71658.8/8

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 64.718 $\pm$ 0.018 χ^2 /NDF: 42218.4/7

Left: 62.874 $\pm$ 0.012 χ^2 /NDF: 134132.9/16

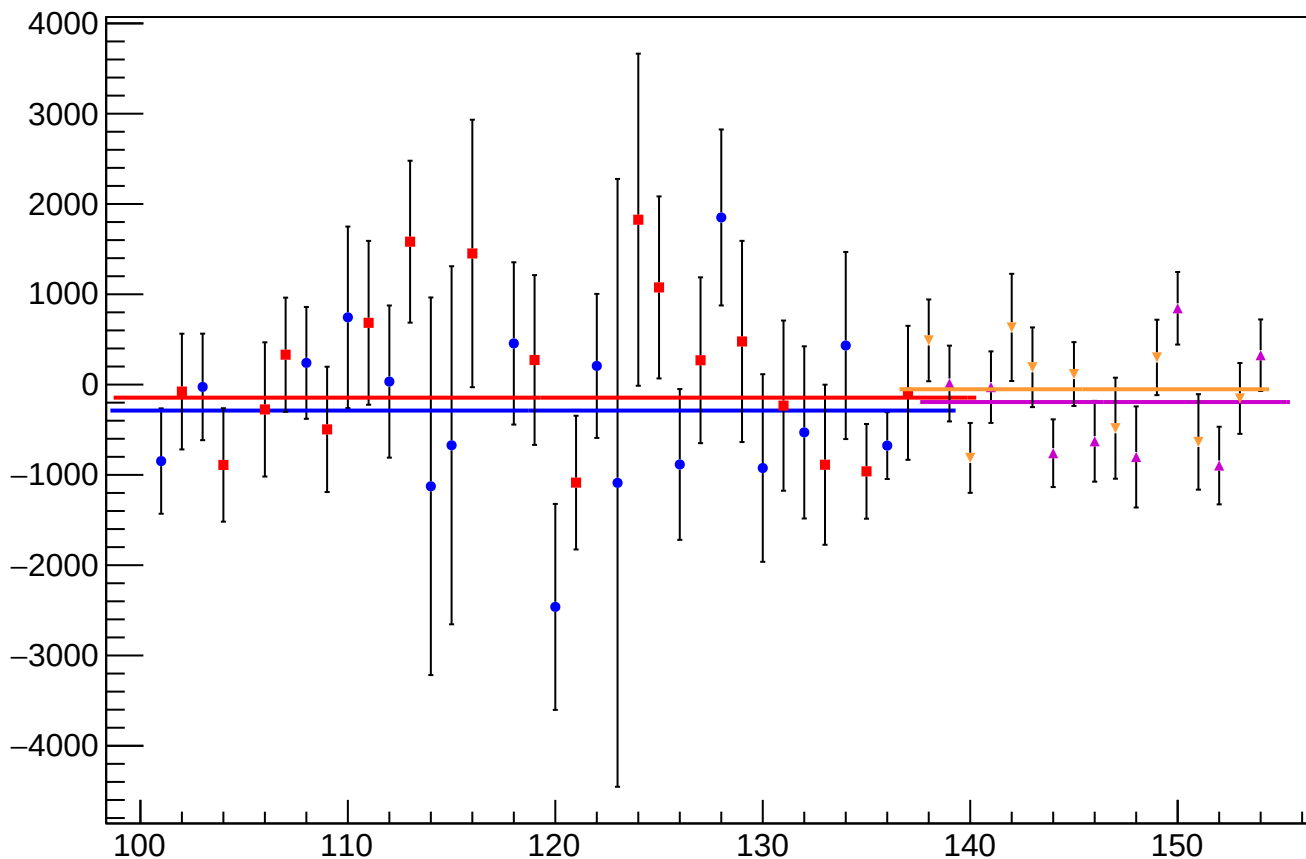
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.832 $\pm$ 0.012 χ^2 /NDF: 422334.8/24

Out: 62.343 $\pm$ 0.012 χ^2 /NDF: 416089.7/26

All: 63.063 $\pm$ 0.009 χ^2 /NDF: 845792.0/51

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -51.668 $\pm$ 146.589 χ^2 /NDF: 9.7/8

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -193.297 $\pm$ 148.496 χ^2 /NDF: 15.9/7

Left: -121.567 $\pm$ 104.322 χ^2 /NDF: 26.1/16

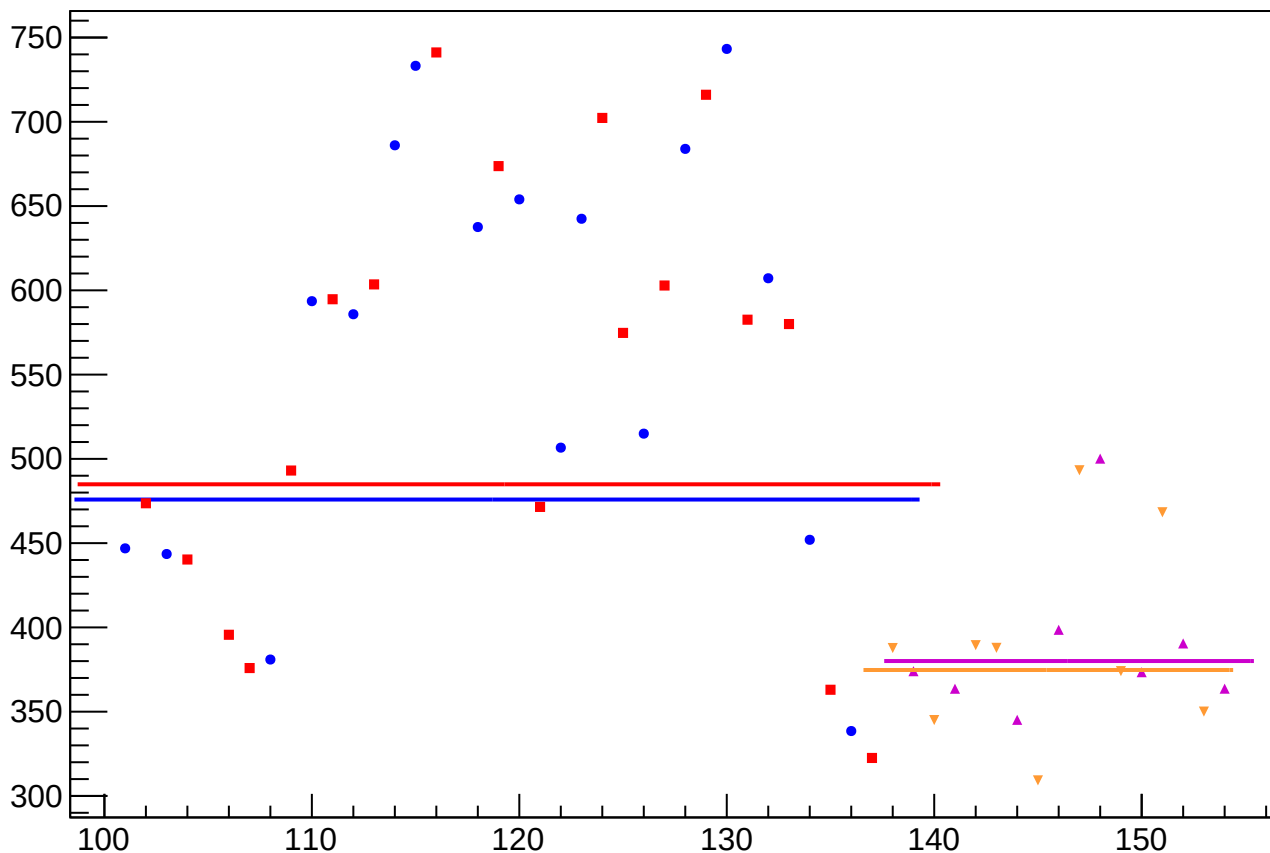
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -229.114 $\pm$ 116.975 χ^2 /NDF: 31.4/24

Out: -86.866 $\pm$ 115.549 χ^2 /NDF: 26.0/26

All: -157.118 $\pm$ 82.205 χ^2 /NDF: 58.1/51

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 374.732+/-0.104 χ^2/NDF : 245522.6/8

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 380.048+/-0.105 χ^2/NDF : 121834.8/7

Left: 377.356+/-0.074 χ^2/NDF : 368655.9/16

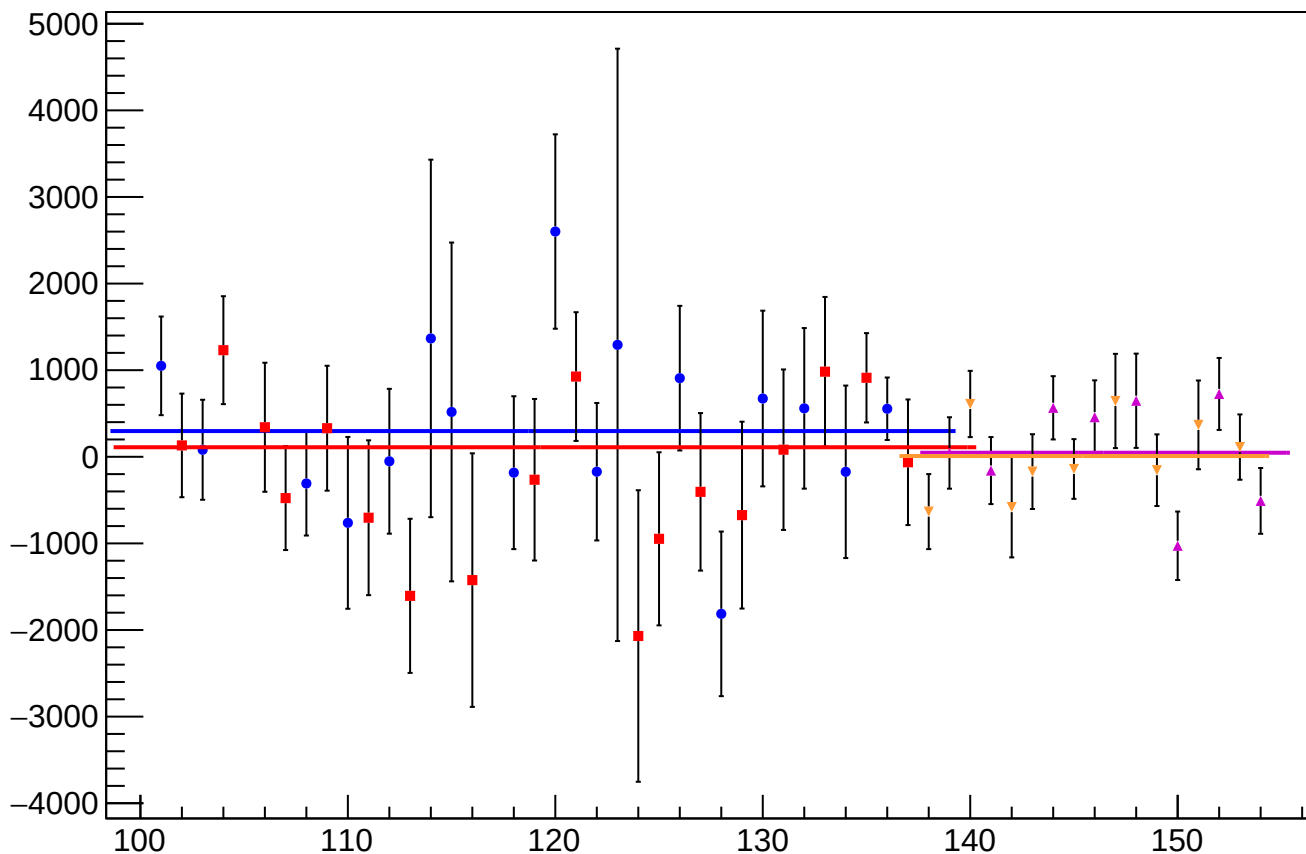
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 416.411+/-0.083 χ^2/NDF : 1275670.6/24

Out: 416.453+/-0.082 χ^2/NDF : 1389695.2/26

All: 416.432+/-0.058 χ^2/NDF : 2665365.9/51

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 8.769 $\pm$ 142.913 χ^2 /NDF: 8.1/8

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 46.791 $\pm$ 144.243 χ^2 /NDF: 16.6/7

Left: 27.603 $\pm$ 101.522 χ^2 /NDF: 24.8/16

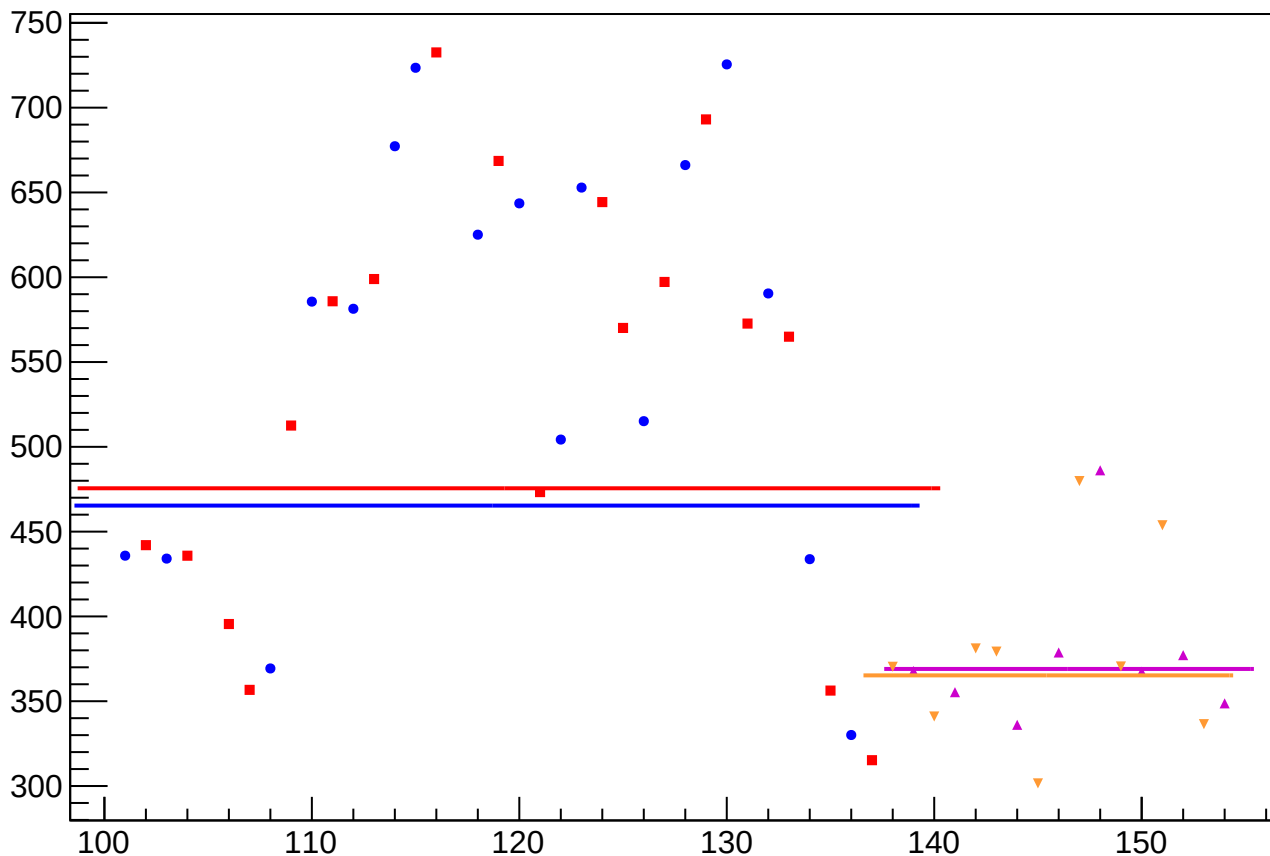
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 140.765 $\pm$ 113.979 χ^2 /NDF: 33.6/24

Out: 46.809 $\pm$ 112.960 χ^2 /NDF: 26.9/26

All: 93.365 $\pm$ 80.232 χ^2 /NDF: 60.8/51

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 +/- 0.132 χ^2/NDF : 860420.4/16

Left Out: 365.234 +/- 0.101 χ^2/NDF : 240402.8/8

Right Out: 475.559 +/- 0.130 χ^2/NDF : 740849.9/17

Left In: 369.032 +/- 0.102 χ^2/NDF : 118976.6/7

Left: 367.116 +/- 0.072 χ^2/NDF : 360078.9/16

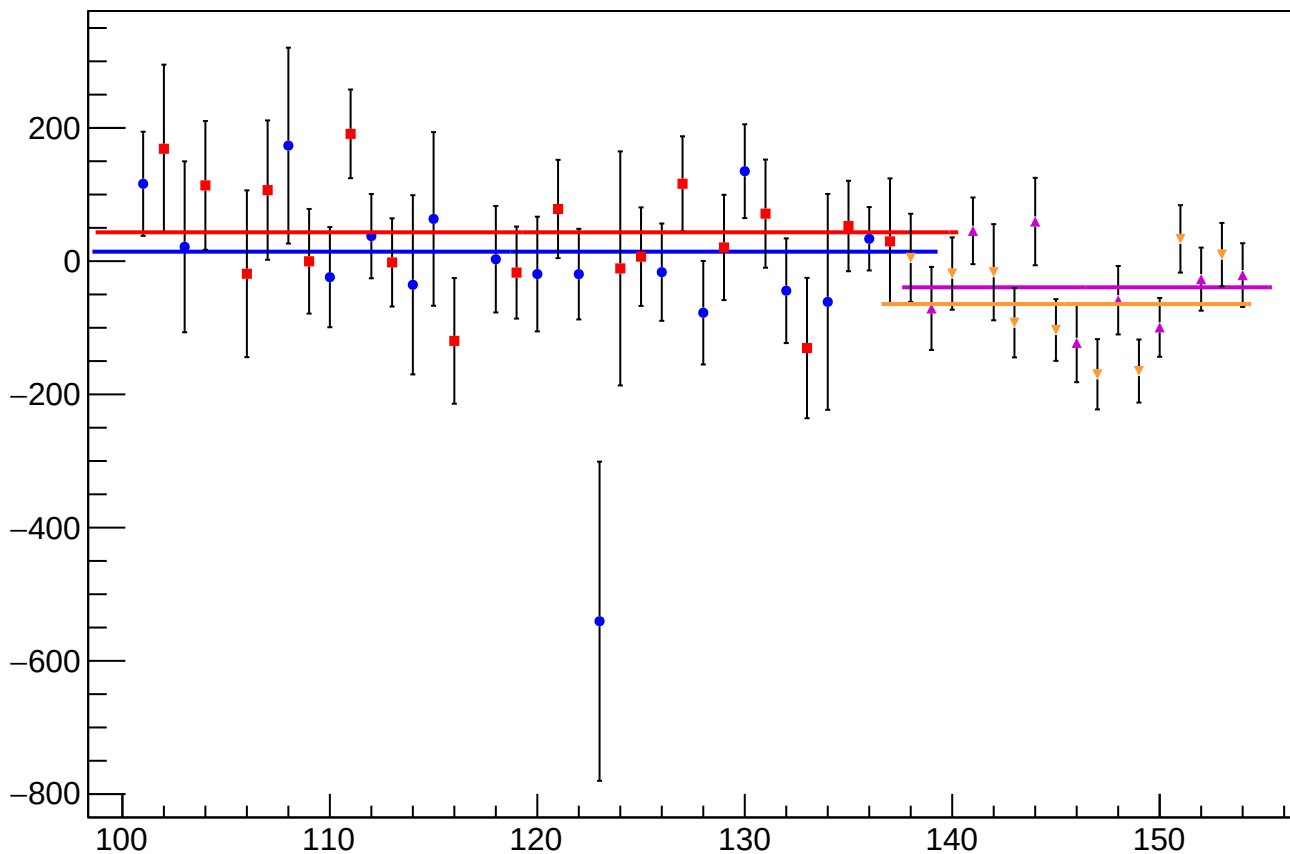
Right: 470.501 +/- 0.093 χ^2/NDF : 1604306.1/34

In: 405.212 +/- 0.081 χ^2/NDF : 1314395.1/24

Out: 406.634 +/- 0.080 χ^2/NDF : 1428509.5/26

All: 405.929 +/- 0.057 χ^2/NDF : 2743061.7/51

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: -64.333+/-17.593 χ^2/NDF : 17.9/8

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -39.255+/-18.405 χ^2/NDF : 9.6/7

Left: -52.360+/-12.717 χ^2/NDF : 28.5/16

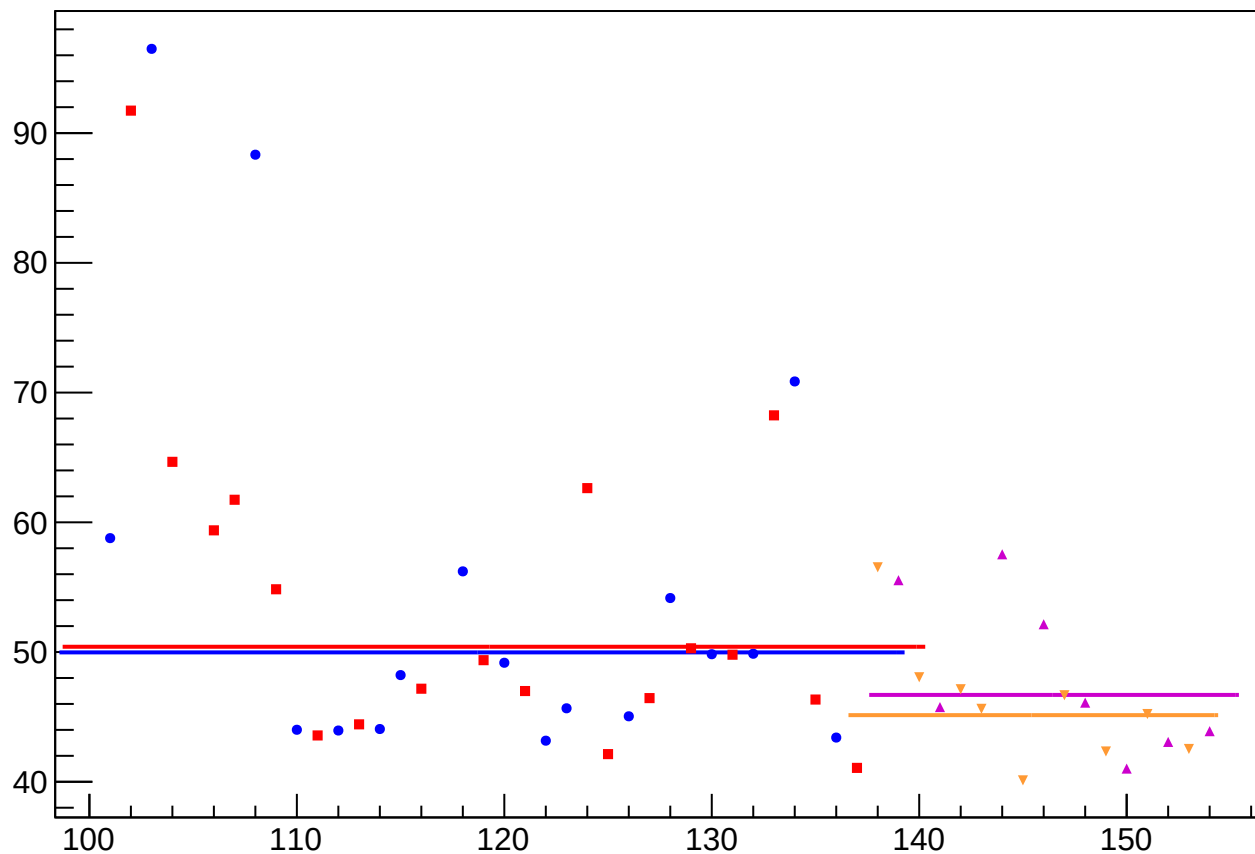
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -14.541+/-13.502 χ^2/NDF : 28.3/24

Out: -16.428+/-13.107 χ^2/NDF : 50.7/26

All: -15.512+/-9.404 χ^2/NDF : 79.0/51

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 45.137 $\pm$ 0.012 χ^2 /NDF: 105098.6/8

Right Out: 50.408 $\pm$ 0.014 χ^2 /NDF: 467481.4/17

Left In: 46.695 $\pm$ 0.013 χ^2 /NDF: 164412.8/7

Left: 45.881 $\pm$ 0.009 χ^2 /NDF: 277006.6/16

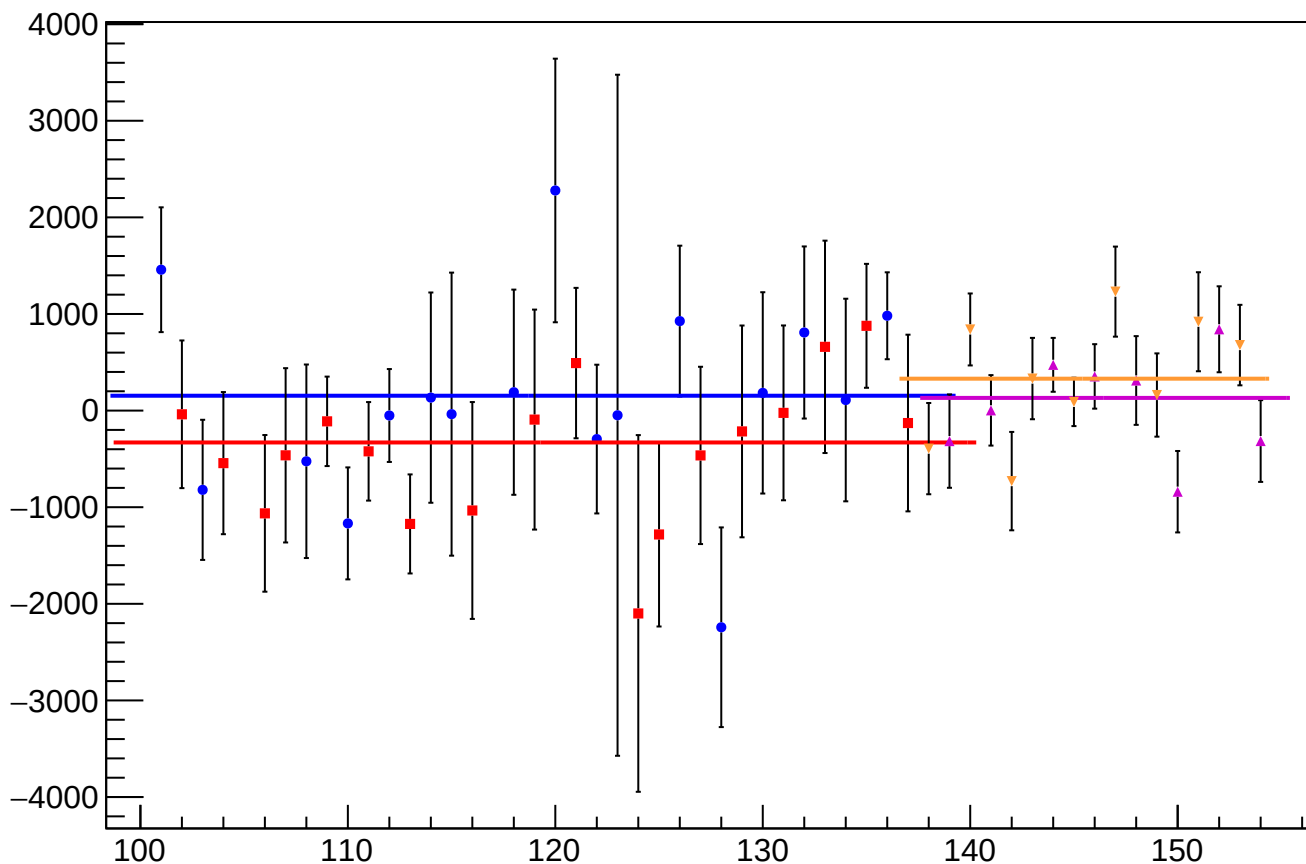
Right: 50.193 $\pm$ 0.010 χ^2 /NDF: 1046716.4/34

In: 48.209 $\pm$ 0.010 χ^2 /NDF: 772462.0/24

Out: 47.482 $\pm$ 0.009 χ^2 /NDF: 652473.8/26

All: 47.835 $\pm$ 0.007 χ^2 /NDF: 1427923.1/51

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 330.314 $\pm$ 132.824 χ^2 /NDF:15.4/8

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 131.306 $\pm$ 135.272 χ^2 /NDF:12.1/7

Left: 232.626 $\pm$ 94.774 χ^2 /NDF: 28.5/16

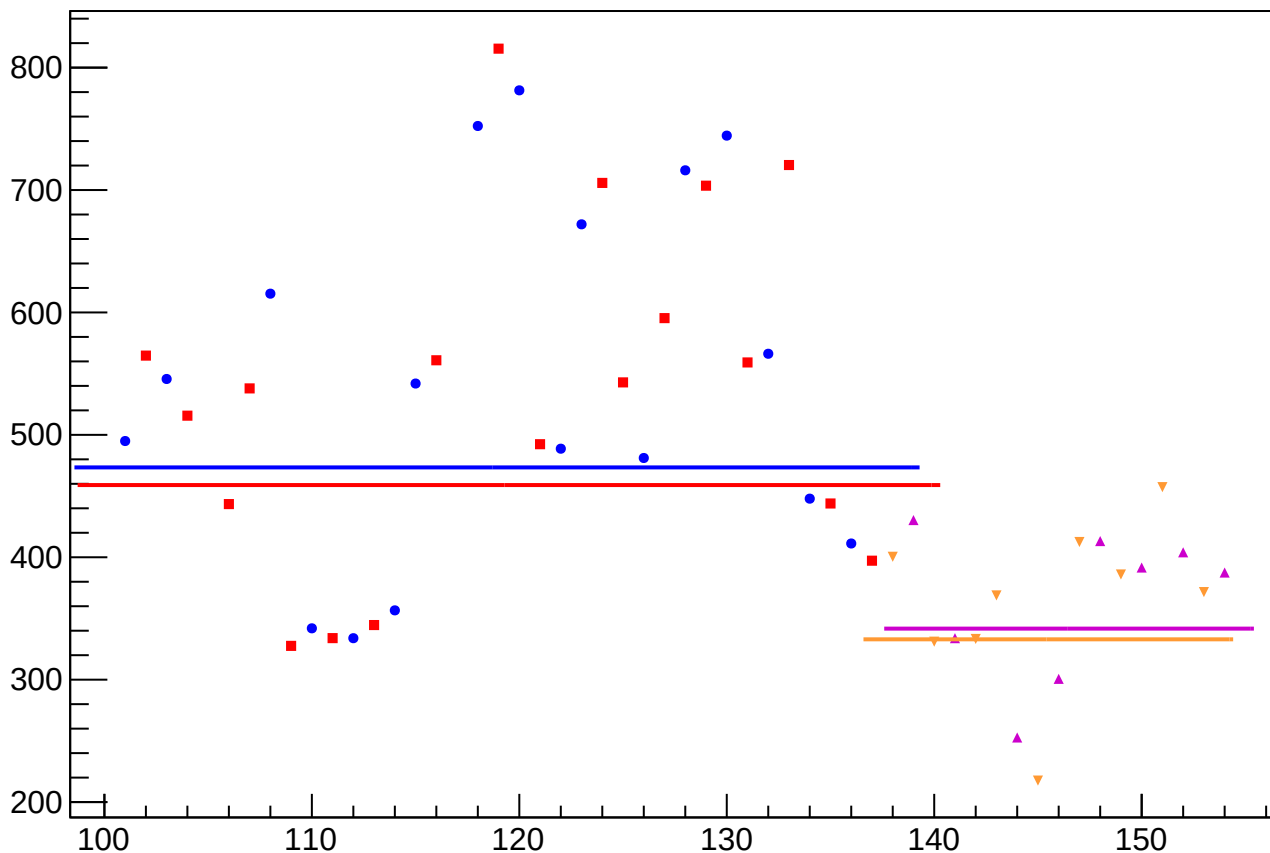
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 138.888 $\pm$ 110.189 χ^2 /NDF:36.9/24

Out: 97.194 $\pm$ 106.833 χ^2 /NDF:36.2/26

All: 117.397 $\pm$ 76.701 χ^2 /NDF: 73.1/51

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 332.958 $\pm$ 0.094 χ^2 /NDF: 703096.3/8

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 341.711 $\pm$ 0.096 χ^2 /NDF: 441137.6/7

Left: 337.255 $\pm$ 0.067 χ^2 /NDF: 1148497.2/16

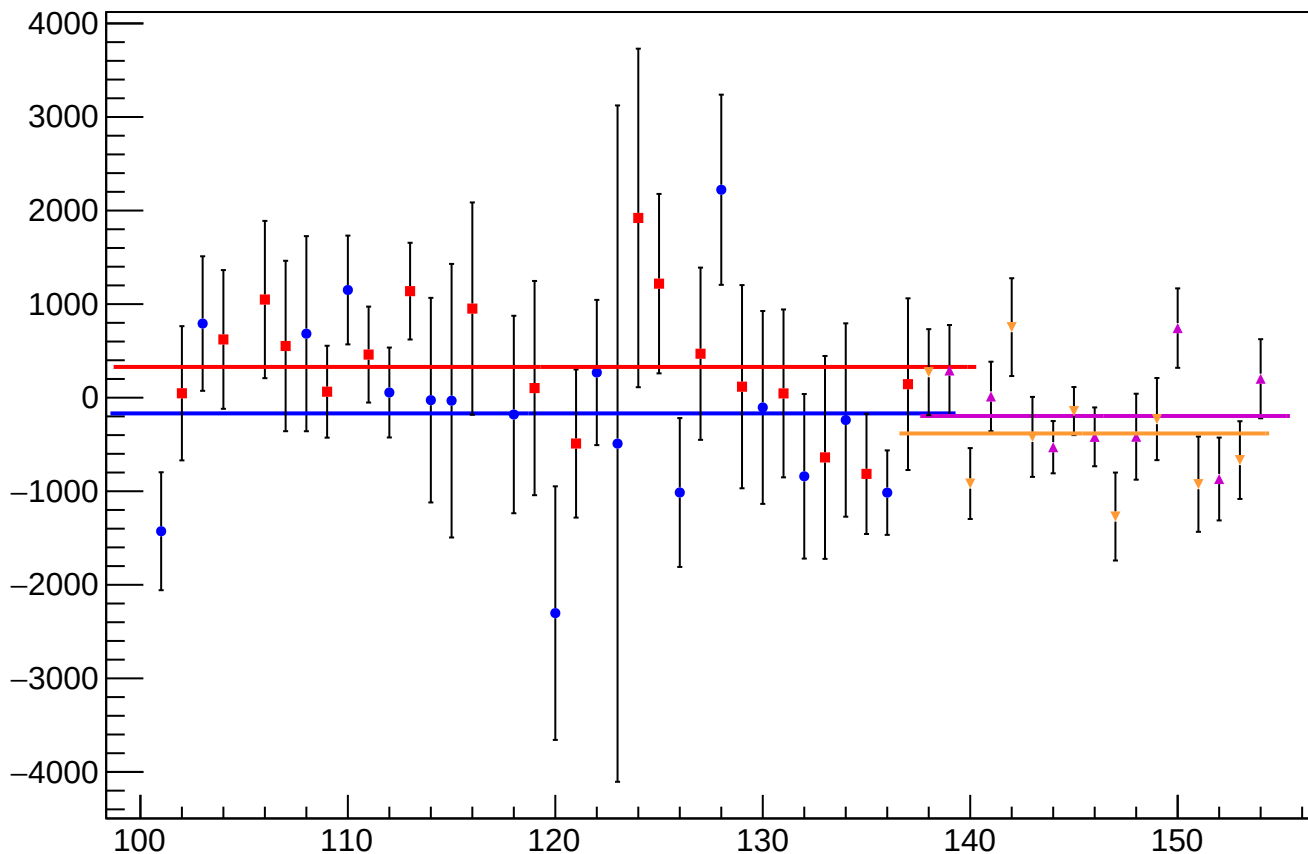
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 386.022 $\pm$ 0.078 χ^2 /NDF: 1993881.9/24

Out: 377.456 $\pm$ 0.076 χ^2 /NDF: 2345097.6/26

All: 381.606 $\pm$ 0.054 χ^2 /NDF: 4345210.4/51

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -382.464+/-134.416 χ^2/NDF :14.9/8

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -195.571+/-134.333 χ^2/NDF :11.6/7

Left: -288.960+/-95.017 χ^2/NDF : 27.5/16

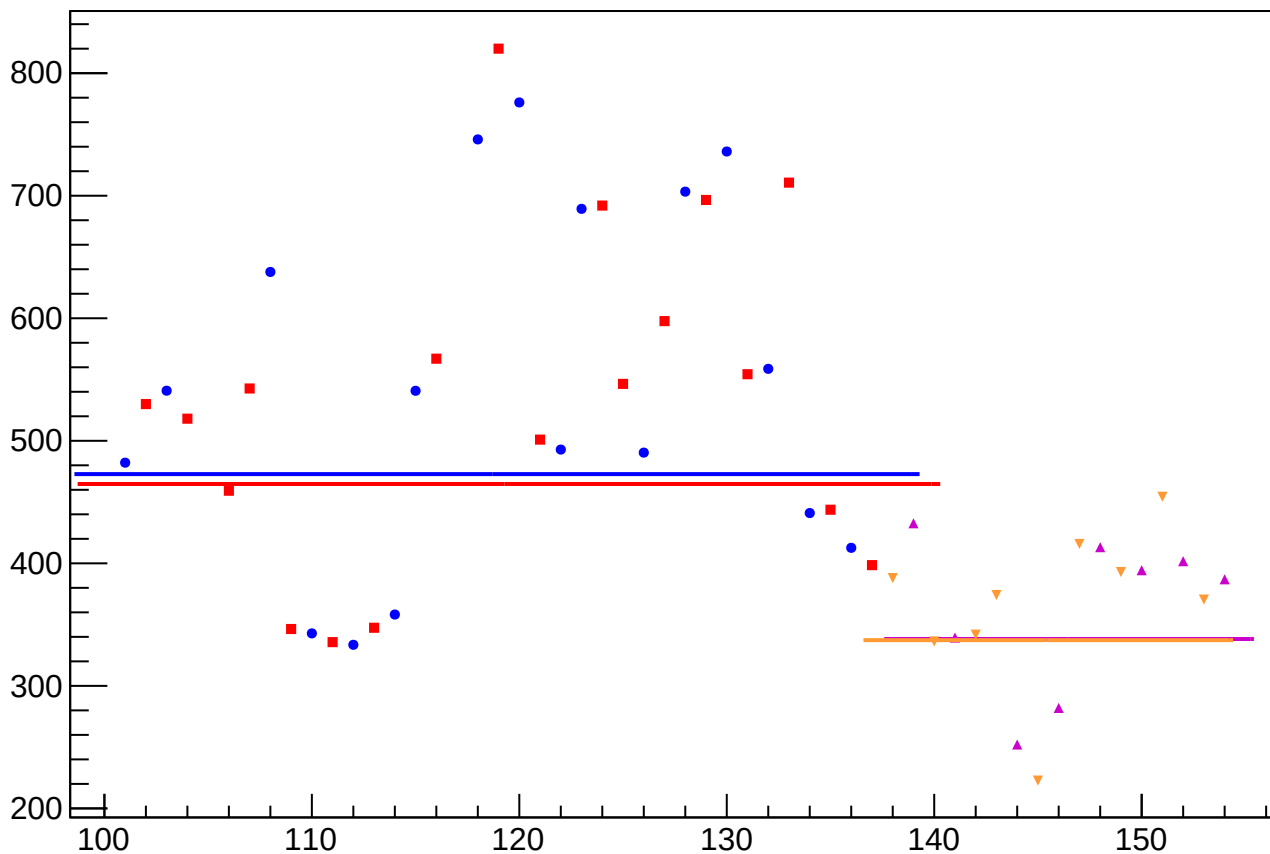
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -186.383+/-109.641 χ^2/NDF :37.0/24

Out: -130.712+/-108.032 χ^2/NDF :36.0/26

All: -158.136+/-76.952 χ^2/NDF : 73.1/51

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 337.316 $\pm$ 0.095 χ^2/NDF :643438.9/8

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 338.258 $\pm$ 0.095 χ^2/NDF :485469.3/7

Left: 337.787 $\pm$ 0.067 χ^2/NDF : 1128957.4/16

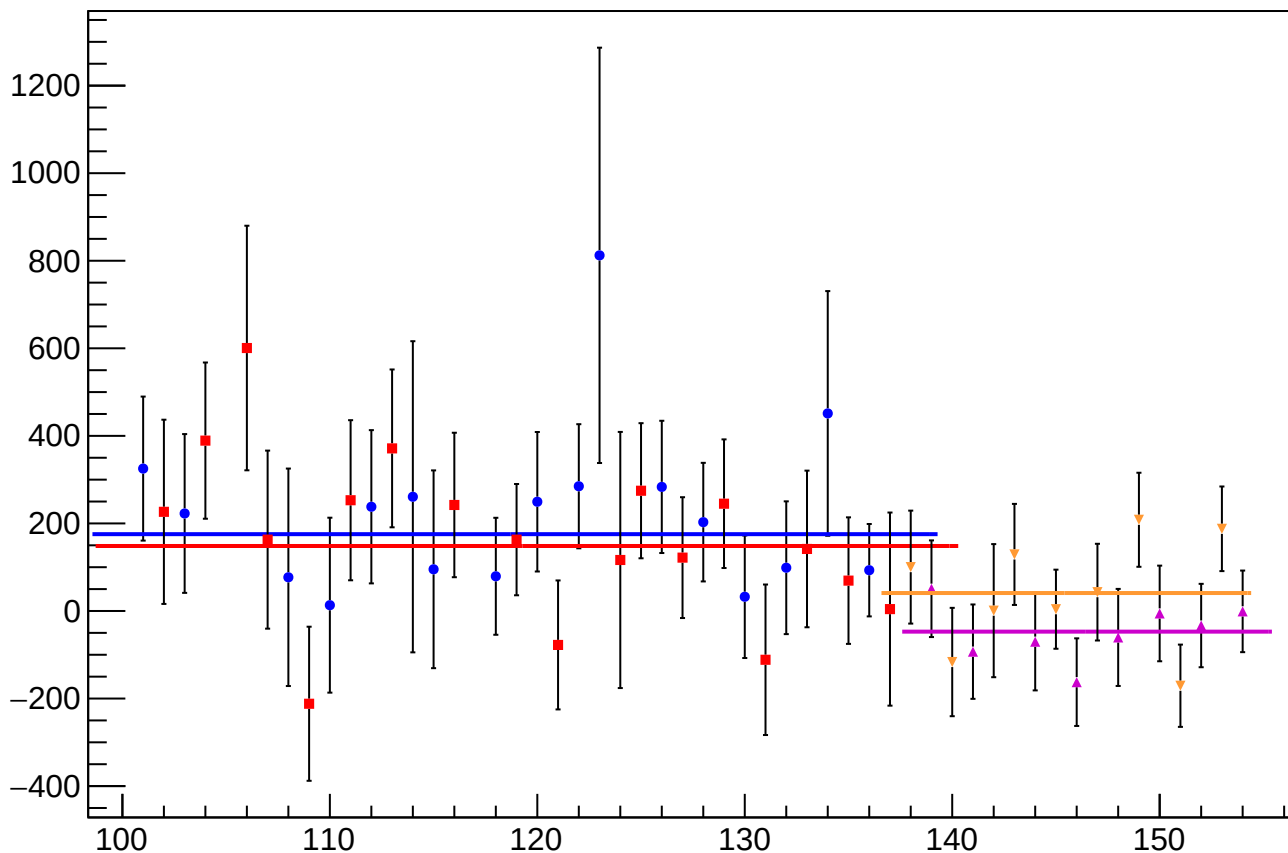
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 383.180 $\pm$ 0.078 χ^2/NDF :2051803.3/24

Out: 382.438 $\pm$ 0.076 χ^2/NDF :2194775.2/26

All: 382.804 $\pm$ 0.054 χ^2/NDF : 4246625.0/51

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 41.017 $\pm$ 36.387 χ^2 /NDF:12.5/8

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -47.173 $\pm$ 36.778 χ^2 /NDF:2.8/7

Left: -2.608 $\pm$ 25.867 χ^2 /NDF: 18.1/16

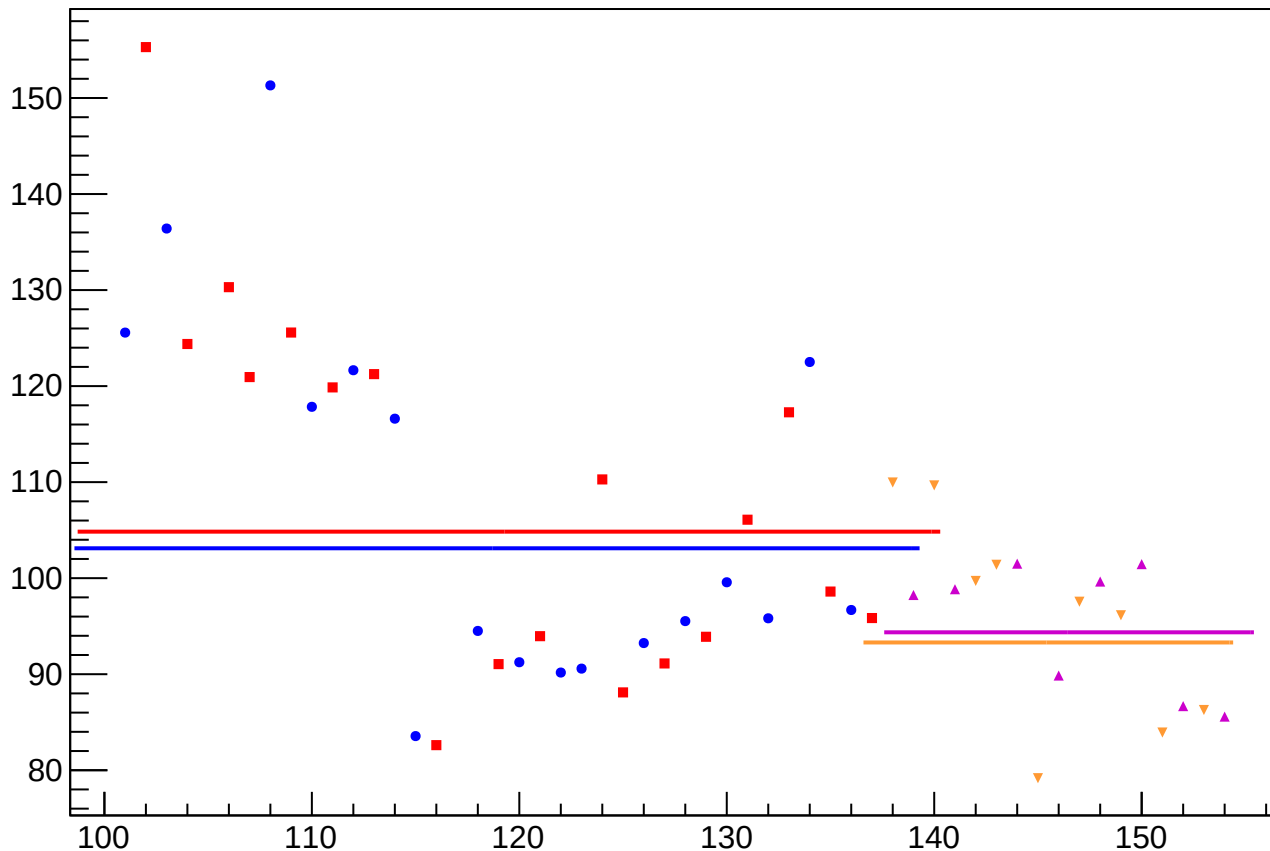
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 53.834 $\pm$ 27.184 χ^2 /NDF:28.0/24

Out: 89.222 $\pm$ 27.017 χ^2 /NDF:33.9/26

All: 71.637 $\pm$ 19.163 χ^2 /NDF: 62.7/51

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 93.305 $\pm$ 0.026 χ^2/NDF : 165483.7/8

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 94.362 $\pm$ 0.026 χ^2/NDF : 62009.9/7

Left: 93.828 $\pm$ 0.018 χ^2/NDF : 228329.4/16

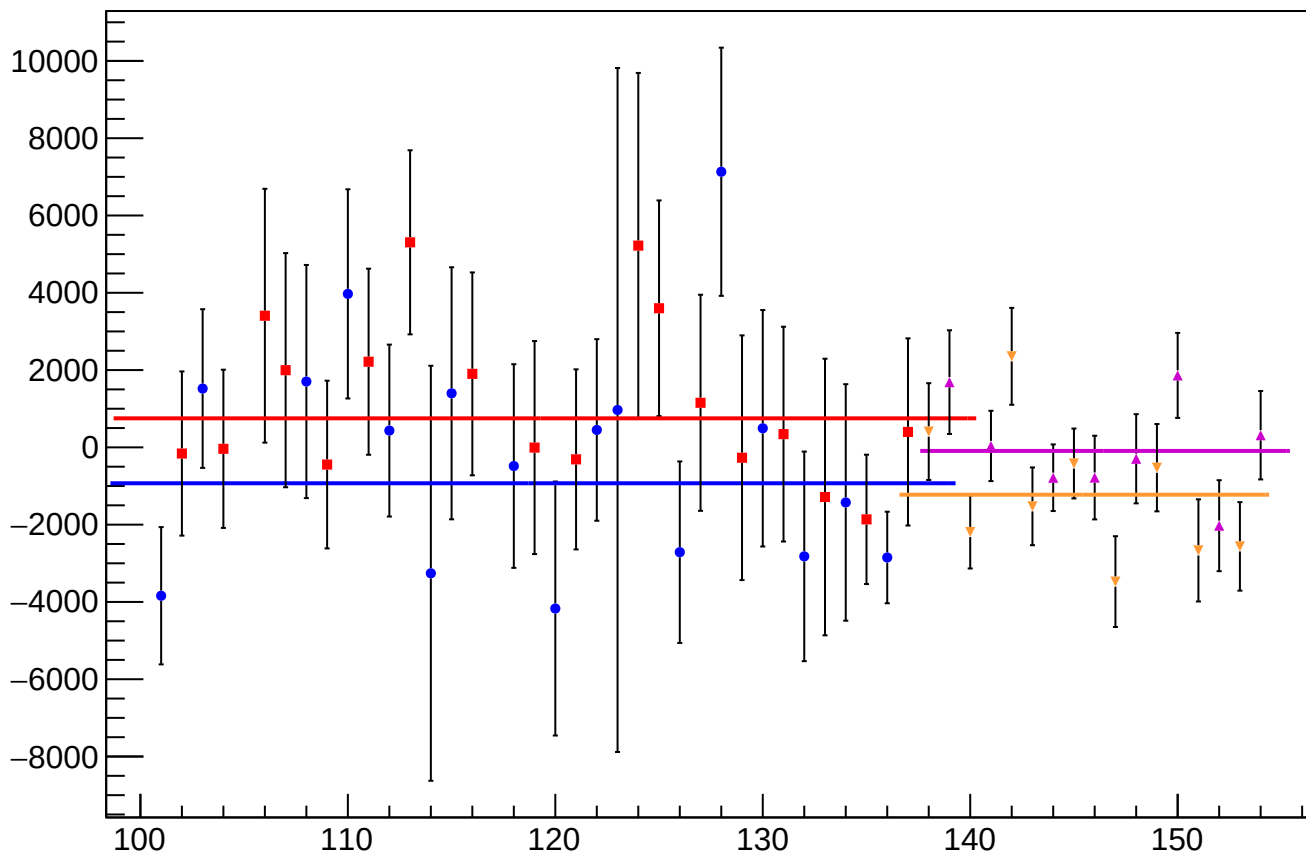
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 98.332 $\pm$ 0.019 χ^2/NDF : 419807.1/24

Out: 98.483 $\pm$ 0.019 χ^2/NDF : 624414.0/26

All: 98.408 $\pm$ 0.014 χ^2/NDF : 1044252.1/51

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1224.703+/-366.418 χ^2/NDF : 18.4/8

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -91.994+/-377.231 χ^2/NDF : 8.9/7

Left: -674.814+/-262.836 χ^2/NDF : 31.9/16

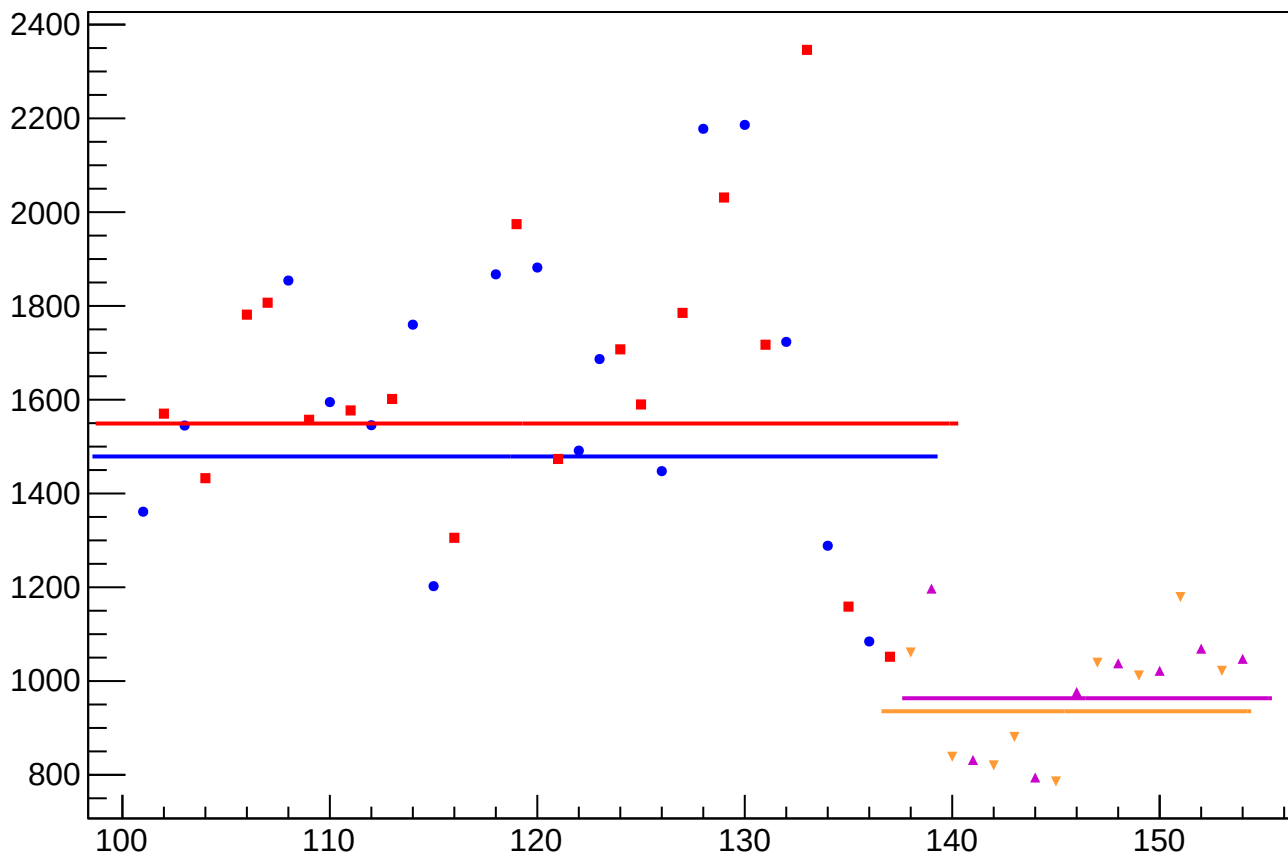
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -336.633+/-317.344 χ^2/NDF : 31.1/24

Out: -681.327+/-311.995 χ^2/NDF : 37.3/26

All: -511.910+/-222.481 χ^2/NDF : 69.1/51

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 935.603 $\pm$ 0.259 χ^2 /NDF: 222815.9/8

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 963.368 $\pm$ 0.267 χ^2 /NDF: 220764.3/7

Left: 949.082 $\pm$ 0.186 χ^2 /NDF: 449154.7/16

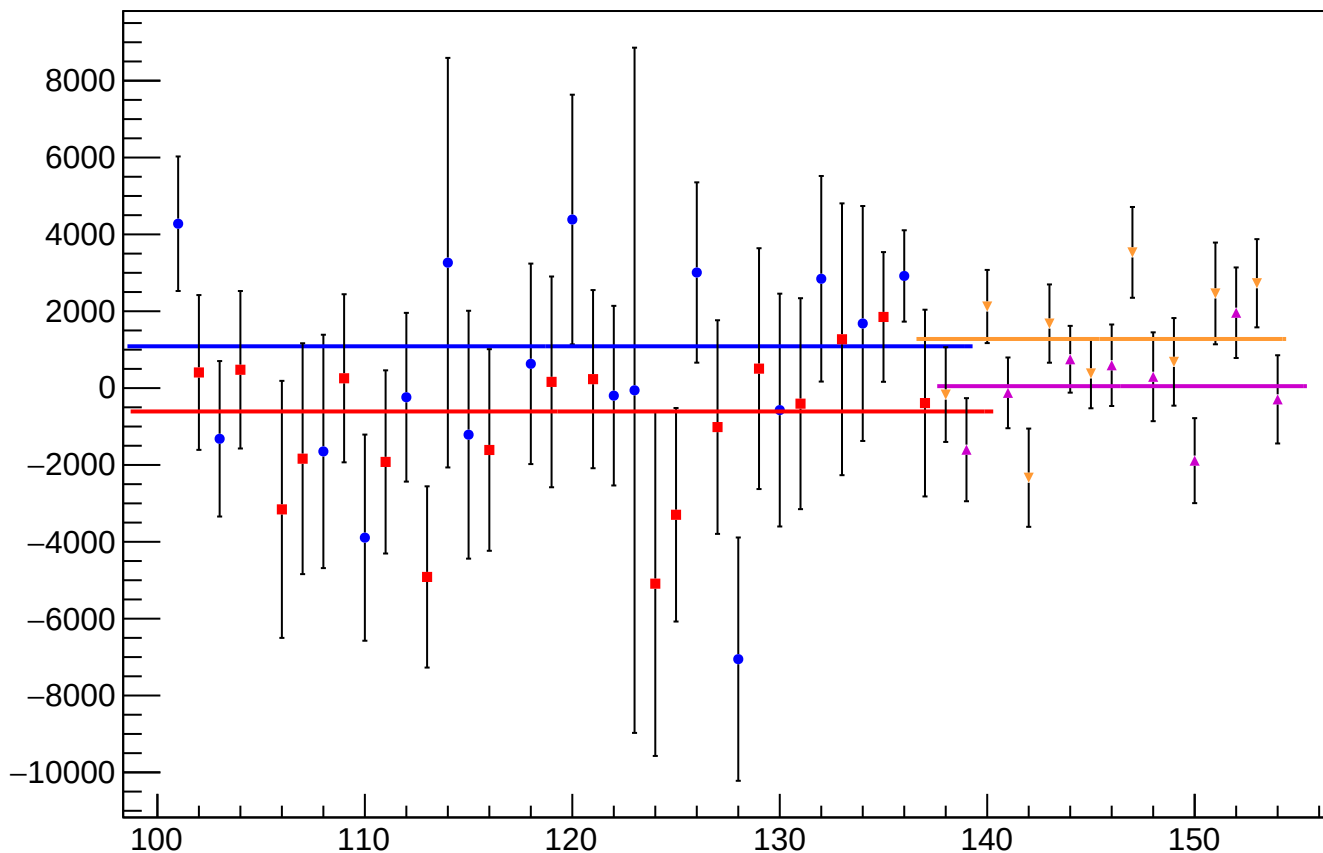
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1114.086 $\pm$ 0.224 χ^2 /NDF: 1902613.5/24

Out: 1104.356 $\pm$ 0.221 χ^2 /NDF: 2227984.5/26

All: 1109.138 $\pm$ 0.157 χ^2 /NDF: 4131554.0/51

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1278.481+/-368.403 χ^2/NDF : 17.6/8

Right Out: -607.930+/-591.550 χ^2/NDF : 9.9/17

Left In: 50.570+/-378.103 χ^2/NDF : 8.3/7

Left: 680.477+/-263.863 χ^2/NDF : 31.3/16

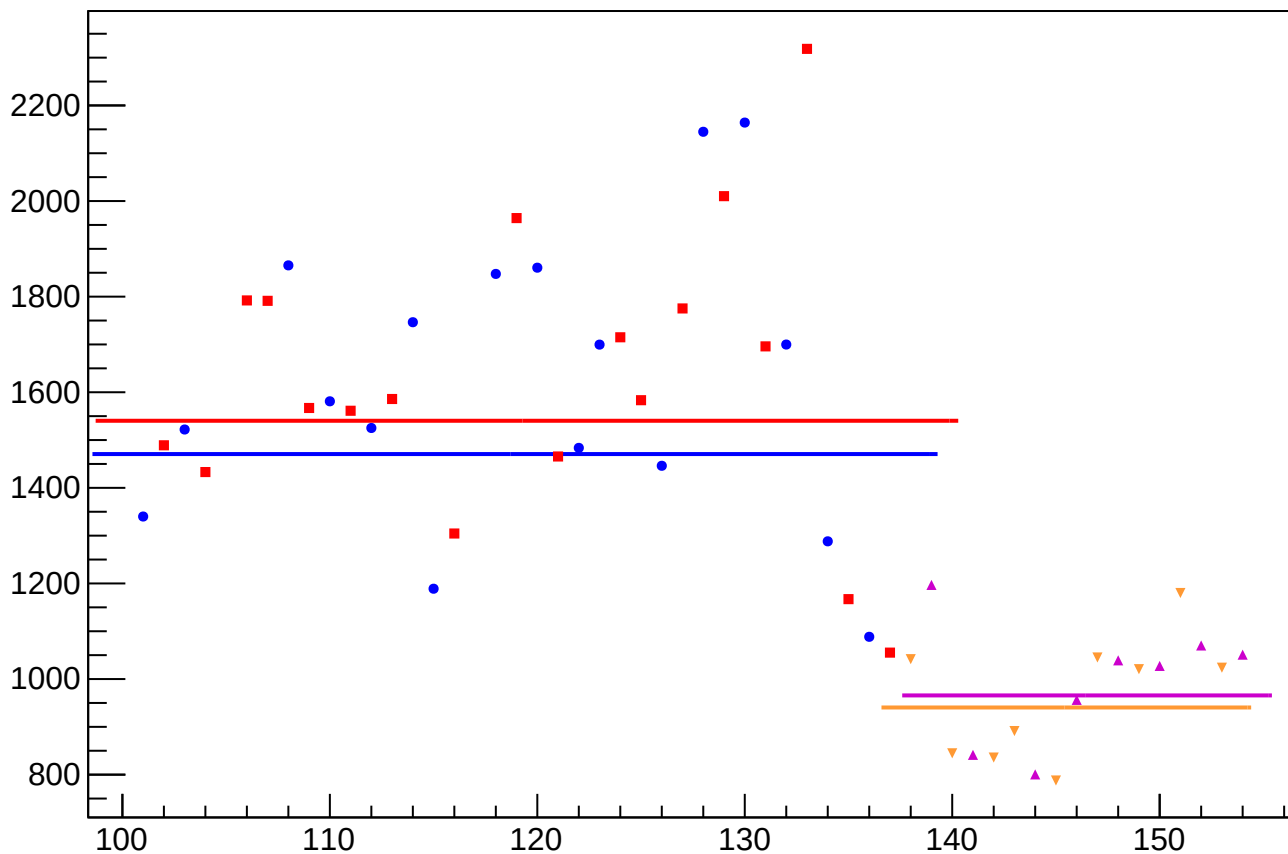
Right: 251.899+/-415.351 χ^2/NDF : 35.9/34

In: 357.485+/-317.281 χ^2/NDF : 32.4/24

Out: 751.303+/-312.717 χ^2/NDF : 34.8/26

All: 557.247+/-222.720 χ^2/NDF : 68.0/51

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 940.505 $\pm$ 0.261 χ^2/NDF : 210120.8/8

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 965.751 $\pm$ 0.267 χ^2/NDF : 209418.7/7

Left: 952.800 $\pm$ 0.187 χ^2/NDF : 424113.7/16

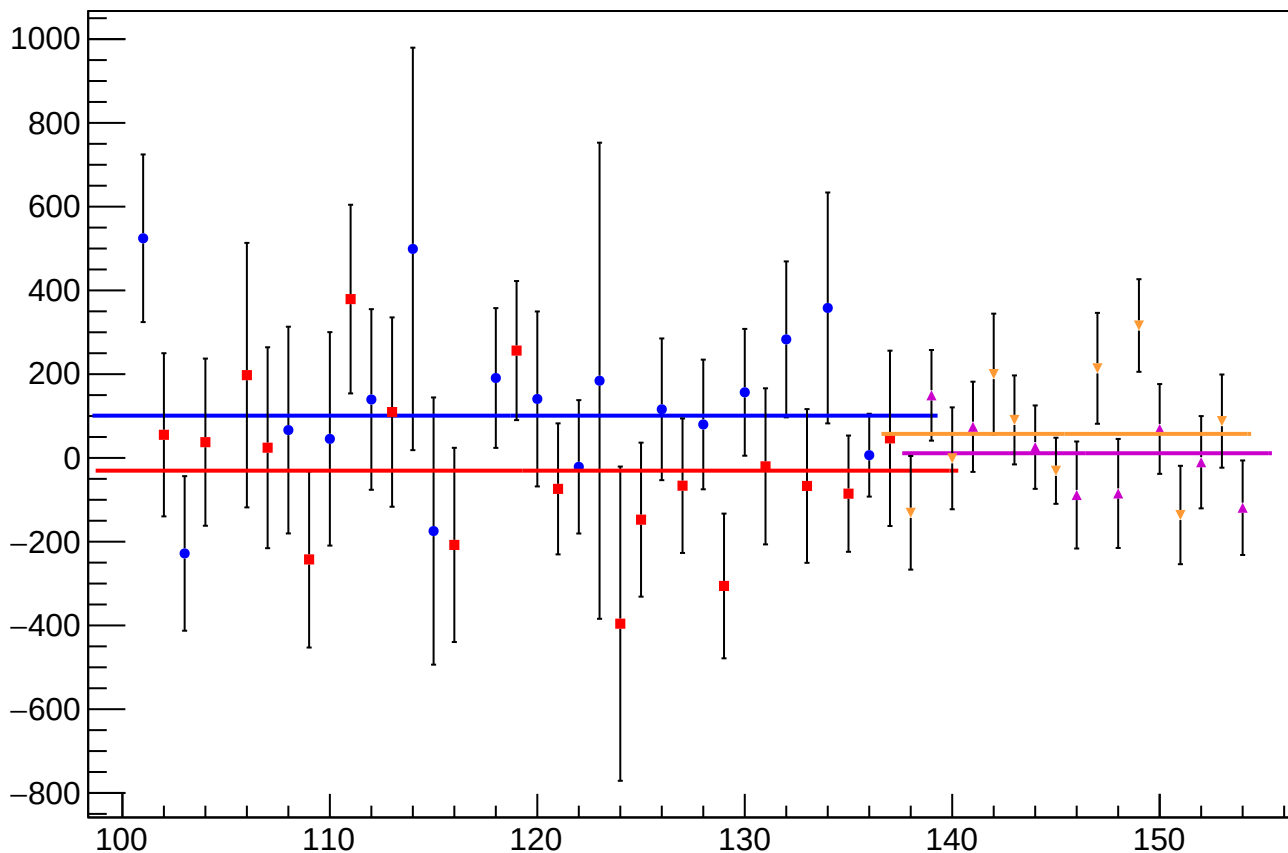
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1115.133 $\pm$ 0.224 χ^2/NDF : 1832359.2/24

Out: 1108.136 $\pm$ 0.221 χ^2/NDF : 2134656.3/26

All: 1111.583 $\pm$ 0.157 χ^2/NDF : 3967508.9/51

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 57.417 ± 37.496 $\chi^2/\text{NDF}: 14.2/8$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 11.199 ± 39.508 $\chi^2/\text{NDF}: 4.8/7$

Left: 35.515 ± 27.197 $\chi^2/\text{NDF}: 19.7/16$

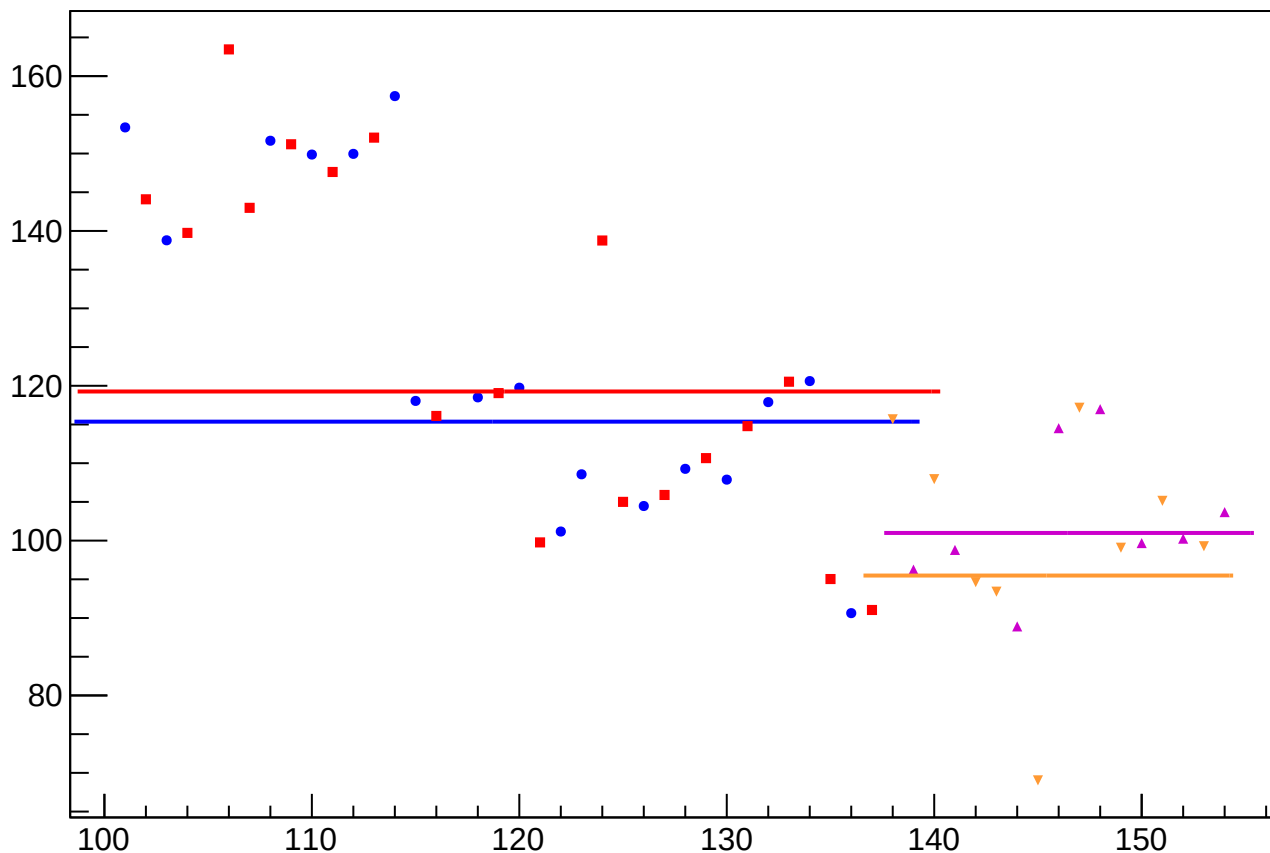
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 49.975 ± 29.770 $\chi^2/\text{NDF}: 20.1/24$

Out: 22.089 ± 28.990 $\chi^2/\text{NDF}: 29.9/26$

All: 35.662 ± 20.769 $\chi^2/\text{NDF}: 50.4/51$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.488 $\pm$ 0.027 χ^2 /NDF:362389.4/8

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.989 $\pm$ 0.028 χ^2 /NDF:88210.9/7

Left: 98.095 $\pm$ 0.019 χ^2 /NDF: 471004.6/16

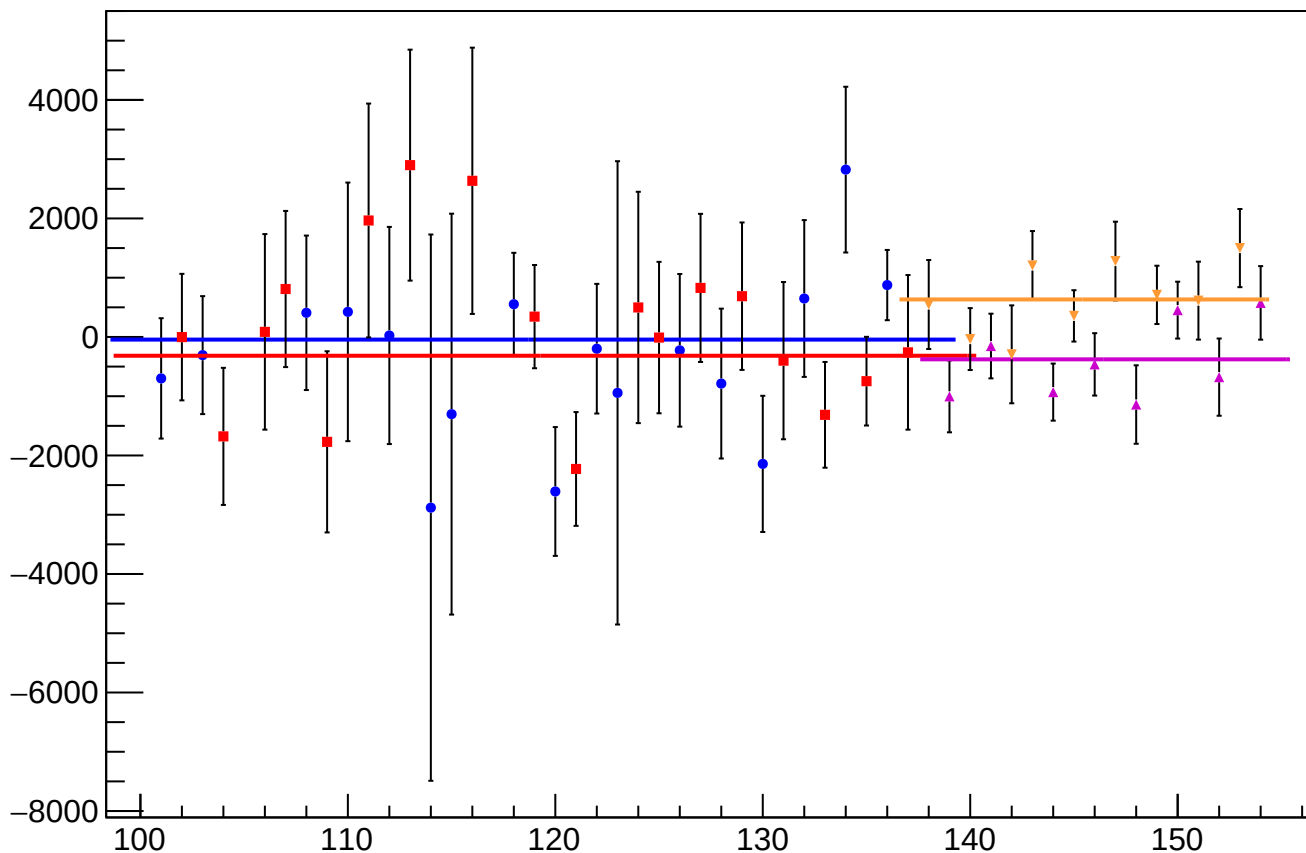
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 107.203 $\pm$ 0.021 χ^2 /NDF:614043.2/24

Out: 105.051 $\pm$ 0.020 χ^2 /NDF:1084137.5/26

All: 106.098 $\pm$ 0.015 χ^2 /NDF: 1703545.2/51

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: 632.703 ± 195.396 χ^2/NDF : 7.0/8

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -377.742 ± 197.767 χ^2/NDF : 9.5/7

Left: 133.574 ± 138.997 χ^2/NDF : 29.7/16

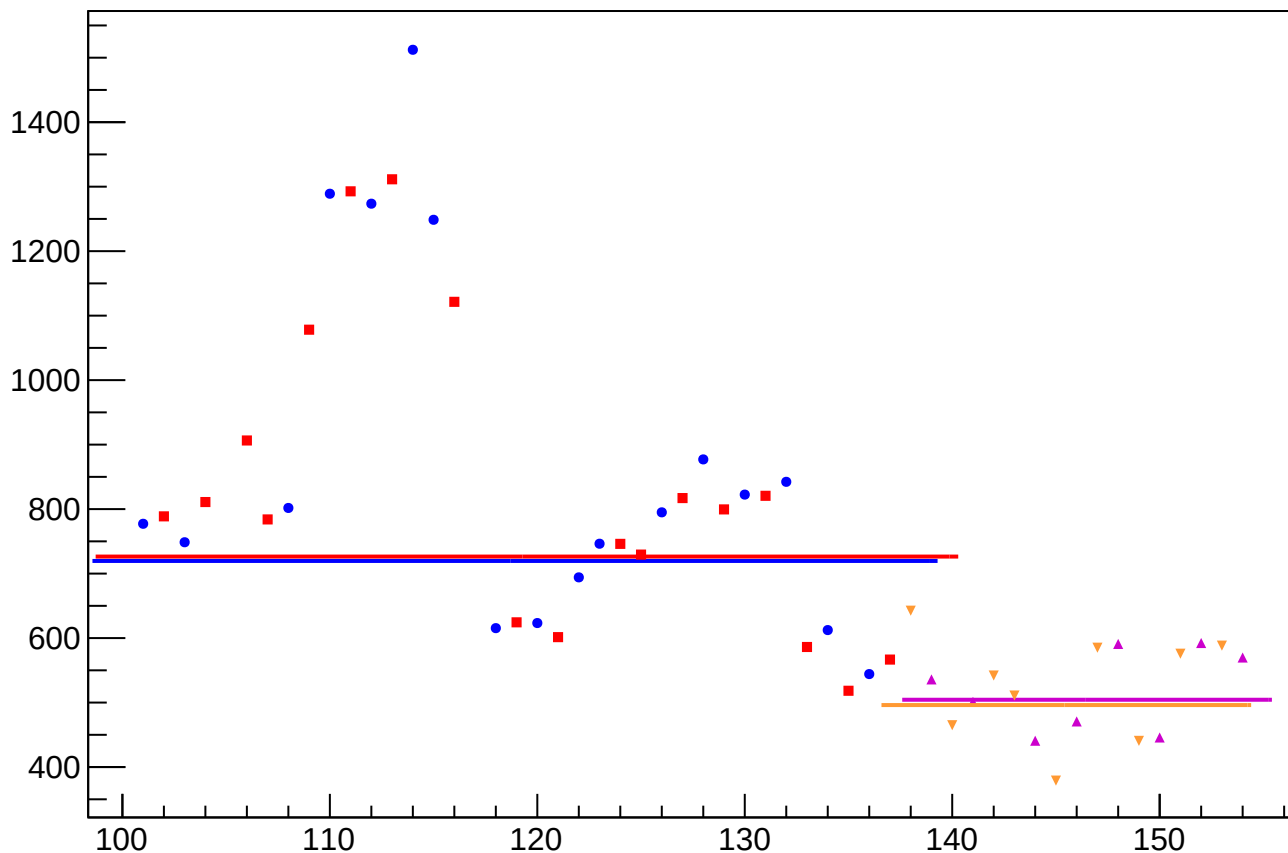
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -270.105 ± 162.717 χ^2/NDF : 28.2/24

Out: 326.291 ± 160.814 χ^2/NDF : 31.4/26

All: 31.601 ± 114.379 χ^2/NDF : 66.4/51

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 496.138 $\pm$ 0.138 χ^2 /NDF: 366396.2/8

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 504.375 $\pm$ 0.140 χ^2 /NDF: 171089.9/7

Left: 500.207 $\pm$ 0.098 χ^2 /NDF: 539241.7/16

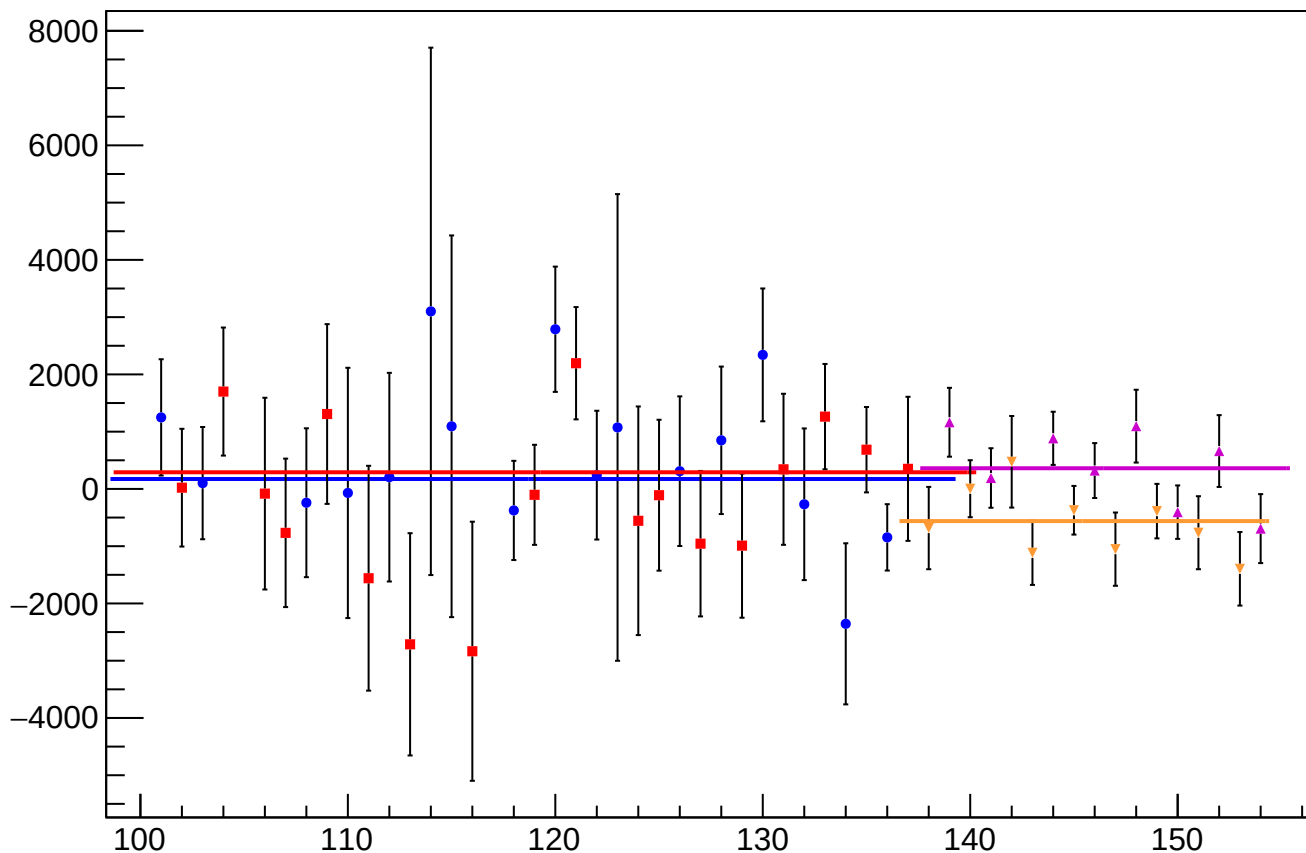
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 573.905 $\pm$ 0.115 χ^2 /NDF: 1683286.4/24

Out: 570.430 $\pm$ 0.114 χ^2 /NDF: 2143491.6/26

All: 572.147 $\pm$ 0.081 χ^2 /NDF: 3827239.4/51

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -561.691 $\pm$ 188.990 χ^2 /NDF:6.7/8

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 361.055 $\pm$ 189.582 χ^2 /NDF:10.5/7

Left: -101.760 $\pm$ 133.845 χ^2 /NDF: 29.0/16

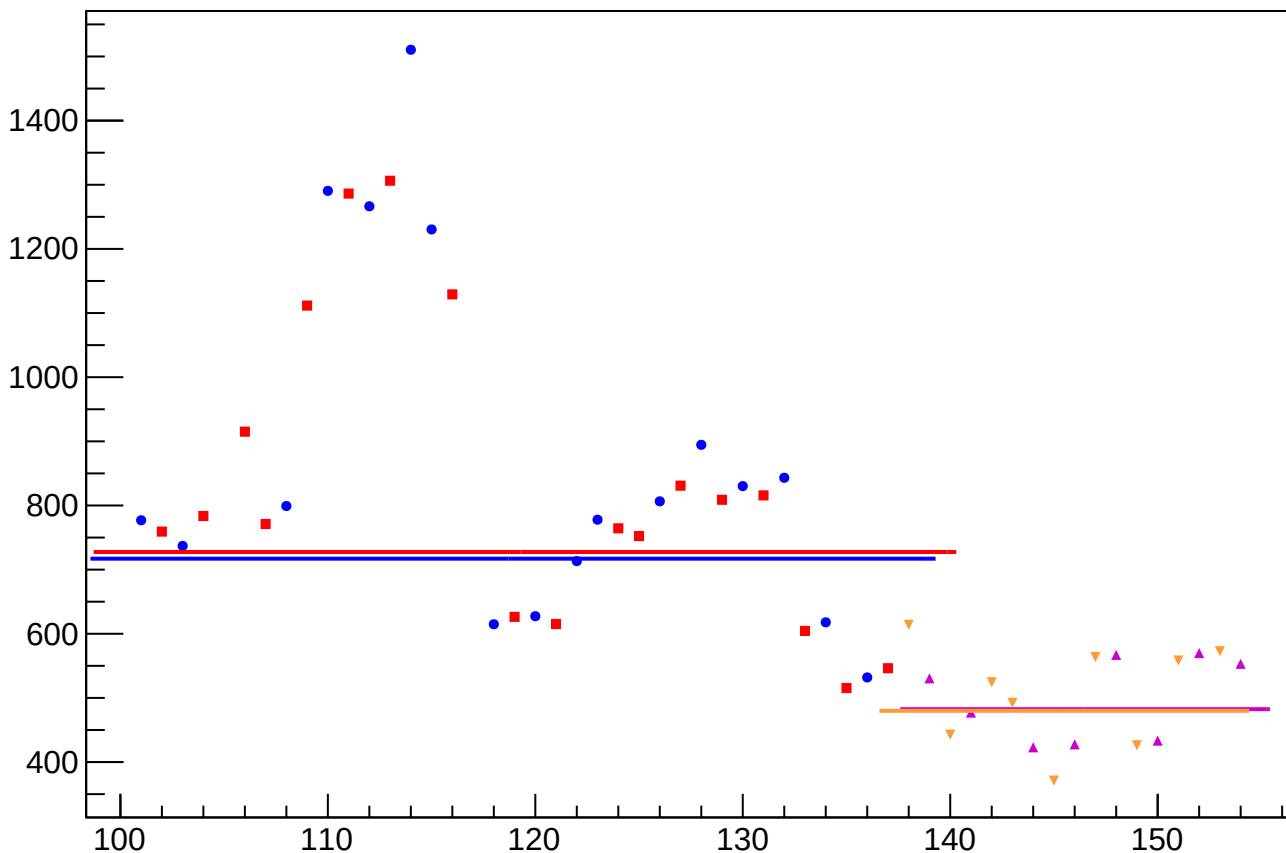
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 303.612 $\pm$ 157.962 χ^2 /NDF:28.9/24

Out: -299.463 $\pm$ 157.260 χ^2 /NDF:28.6/26

All: 0.730 $\pm$ 111.447 χ^2 /NDF: 64.8/51

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 479.921 $\pm$ 0.134 χ^2 /NDF: 350831.8/8

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 482.464 $\pm$ 0.134 χ^2 /NDF: 195942.5/7

Left: 481.189 $\pm$ 0.095 χ^2 /NDF: 546954.9/16

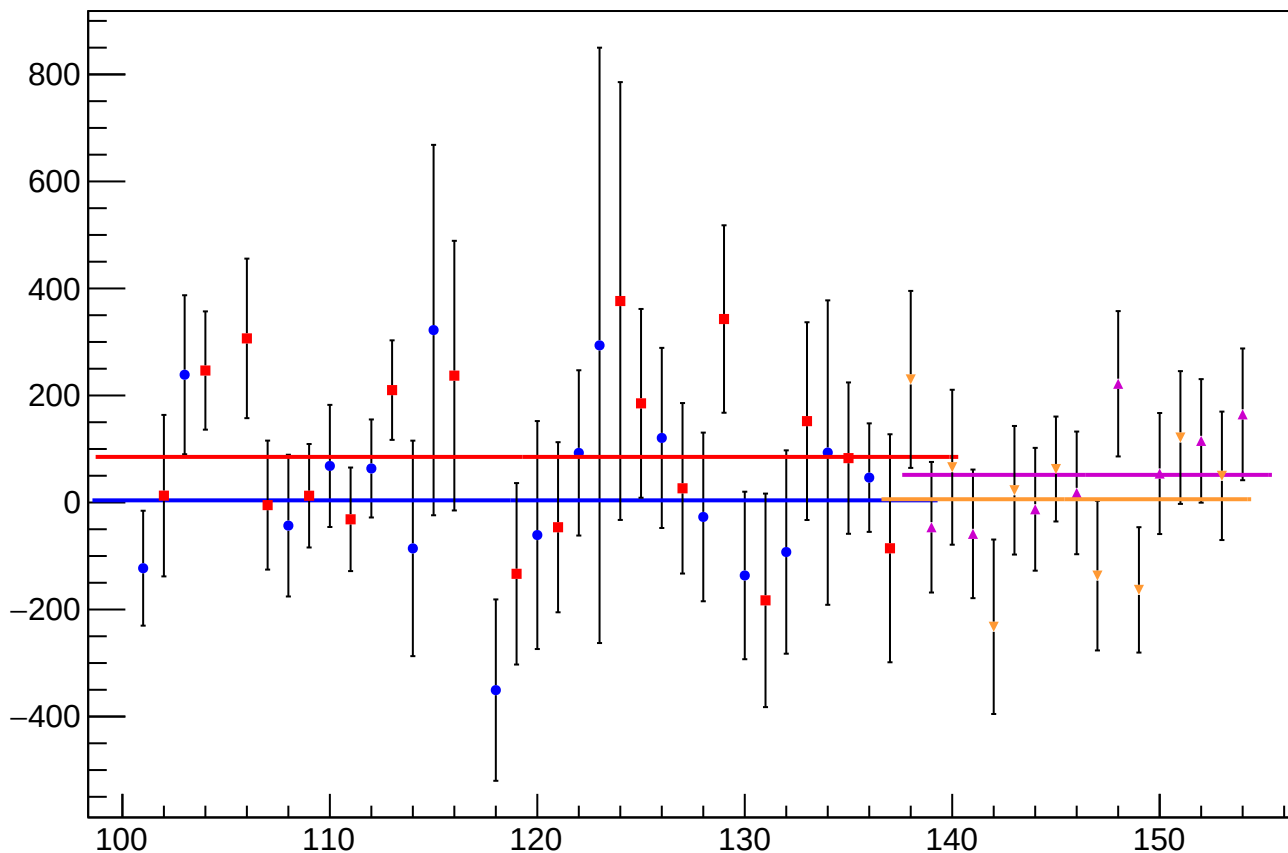
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 554.200 $\pm$ 0.112 χ^2 /NDF: 1914943.4/24

Out: 556.074 $\pm$ 0.111 χ^2 /NDF: 2287547.7/26

All: 555.141 $\pm$ 0.079 χ^2 /NDF: 4202632.4/51

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 6.102 ± 42.502 $\chi^2/\text{NDF}: 8.6/8$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 51.635 ± 42.185 $\chi^2/\text{NDF}: 4.6/7$

Left: 29.039 ± 29.941 $\chi^2/\text{NDF}: 13.8/16$

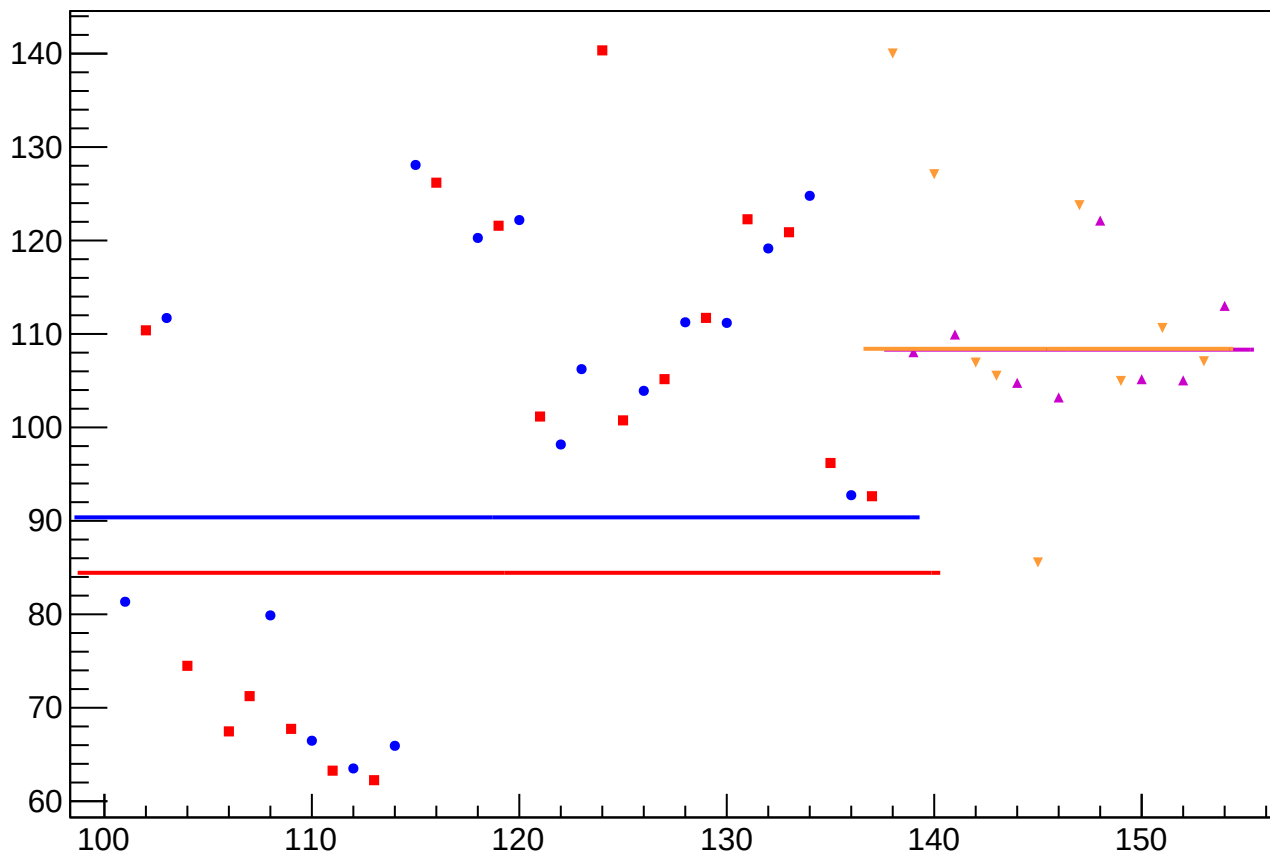
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 24.047 ± 27.362 $\chi^2/\text{NDF}: 18.1/24$

Out: 54.991 ± 26.268 $\chi^2/\text{NDF}: 28.1/26$

All: 40.150 ± 18.949 $\chi^2/\text{NDF}: 46.9/51$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.412+/-0.030 χ^2/NDF : 243156.3/8

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 108.320+/-0.030 χ^2/NDF : 33030.5/7

Left: 108.366+/-0.021 χ^2/NDF : 276191.5/16

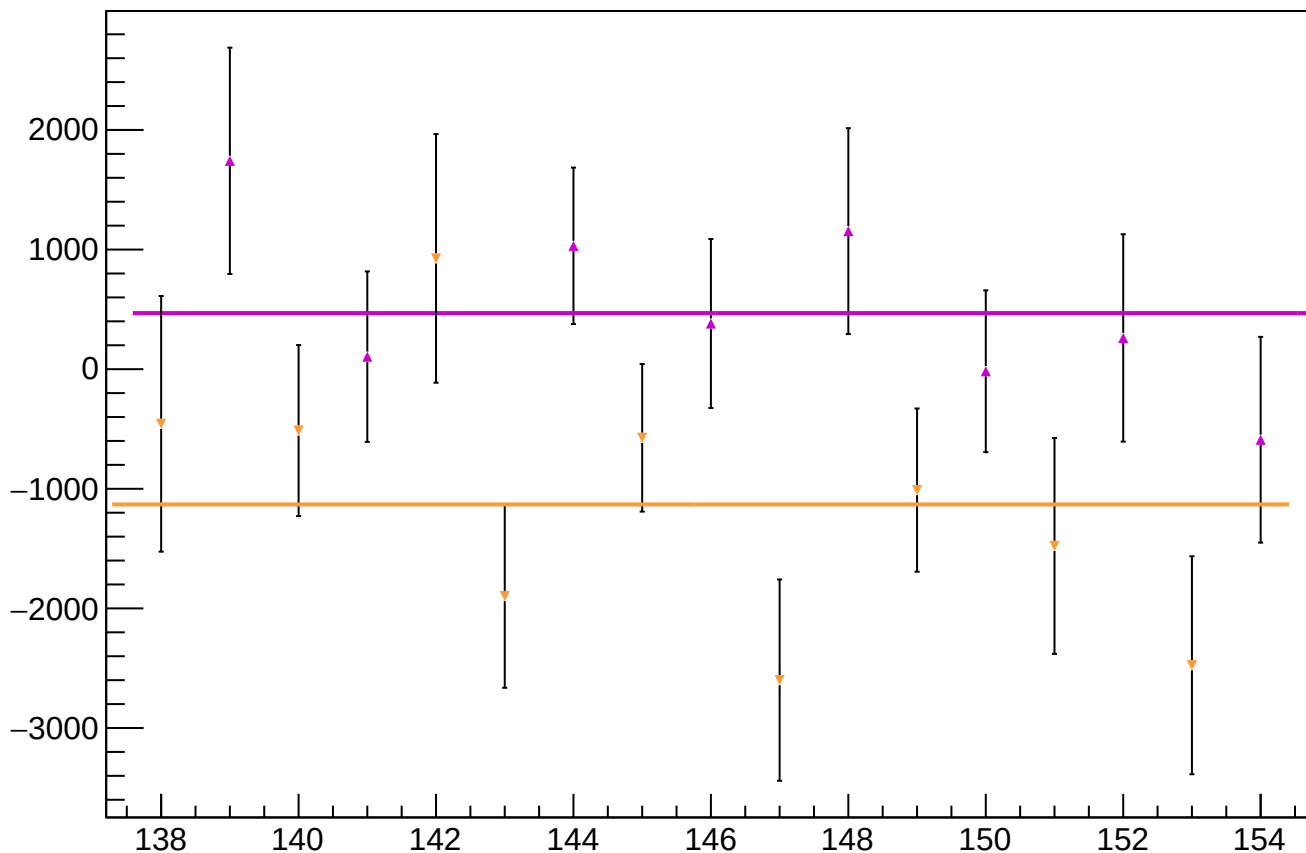
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 97.925+/-0.019 χ^2/NDF : 896820.3/24

Out: 93.598+/-0.019 χ^2/NDF : 1507151.6/26

All: 95.673+/-0.013 χ^2/NDF : 2429999.7/51

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 468.952+/-270.712 χ^2/NDF :5.6/7

Left: -343.184+/-189.932 χ^2/NDF : 35.5/16

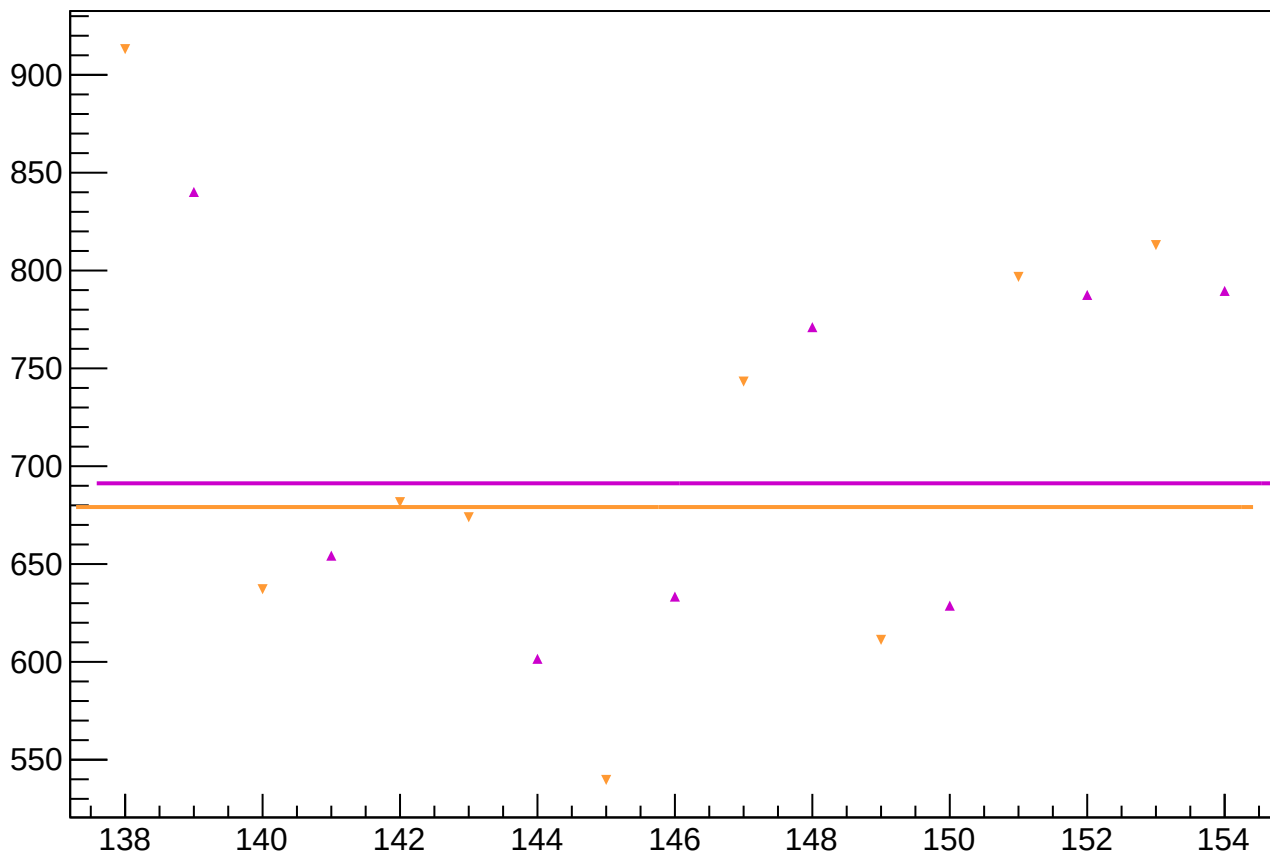
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 468.952+/-270.712 χ^2/NDF :5.6/7

Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

All: -343.184+/-189.932 χ^2/NDF : 35.5/16

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 691.260+/-0.191 χ^2/NDF :191060.5/7

Left: 685.100+/-0.134 χ^2/NDF : 506700.8/16

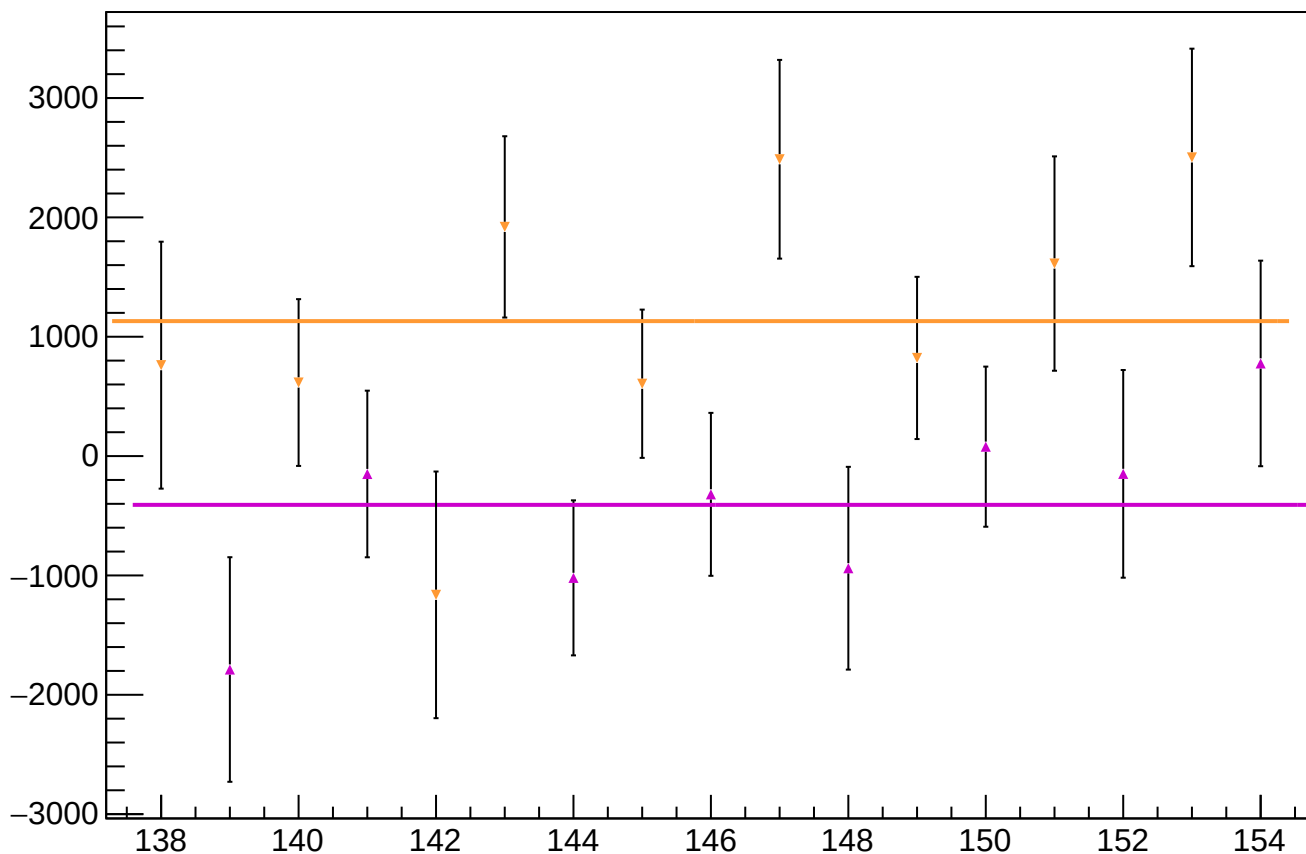
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 691.260+/-0.191 χ^2/NDF :191060.5/7

Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

All: 685.100+/-0.134 χ^2/NDF : 506700.8/16

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -408.640+/-267.489 χ^2/NDF :6.1/7

Left: 369.859+/-188.064 χ^2/NDF : 35.6/16

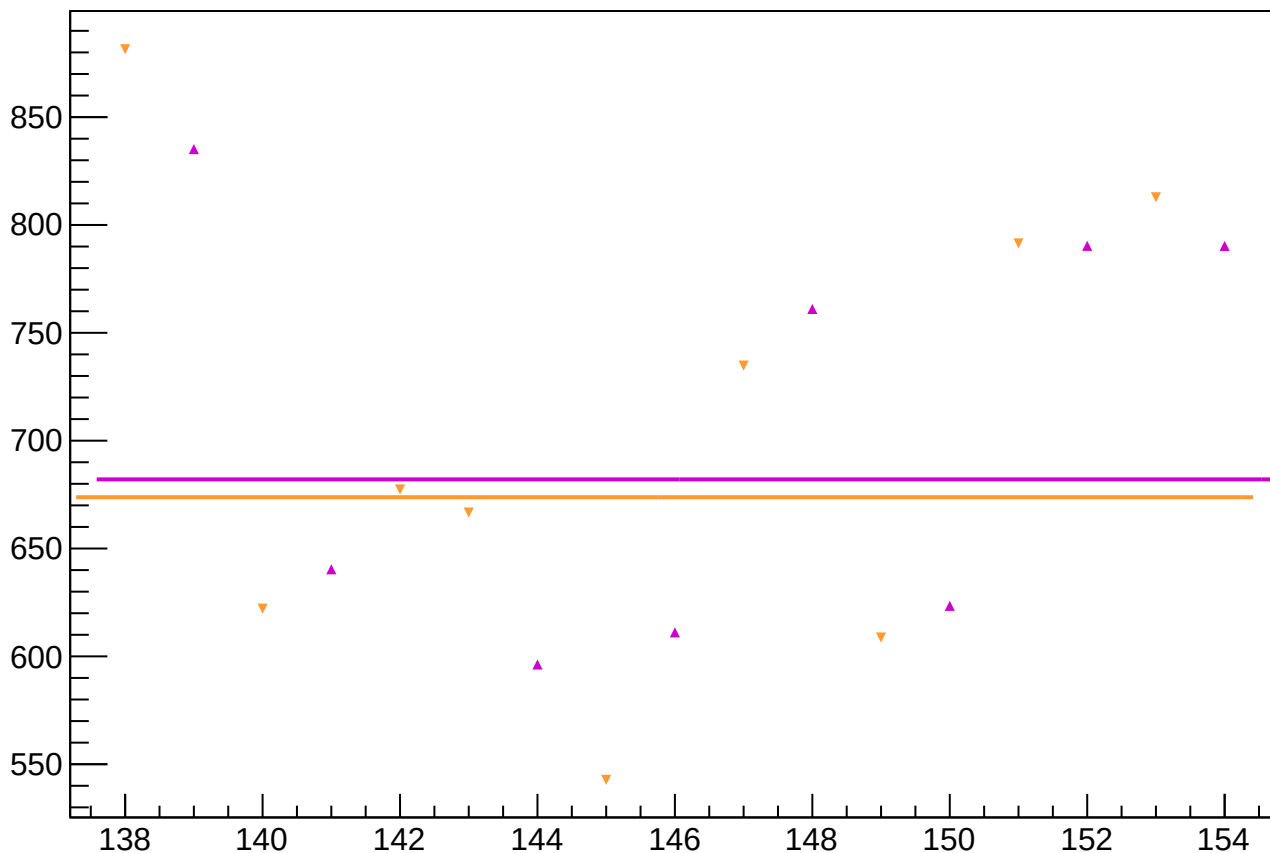
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -408.640+/-267.489 χ^2/NDF :6.1/7

Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

All: 369.859+/-188.064 χ^2/NDF : 35.6/16

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 673.792+/-0.187 χ^2/NDF :290728.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 682.054+/-0.189 χ^2/NDF :211764.5/7

Left: 677.876+/-0.133 χ^2/NDF : 503458.1/16

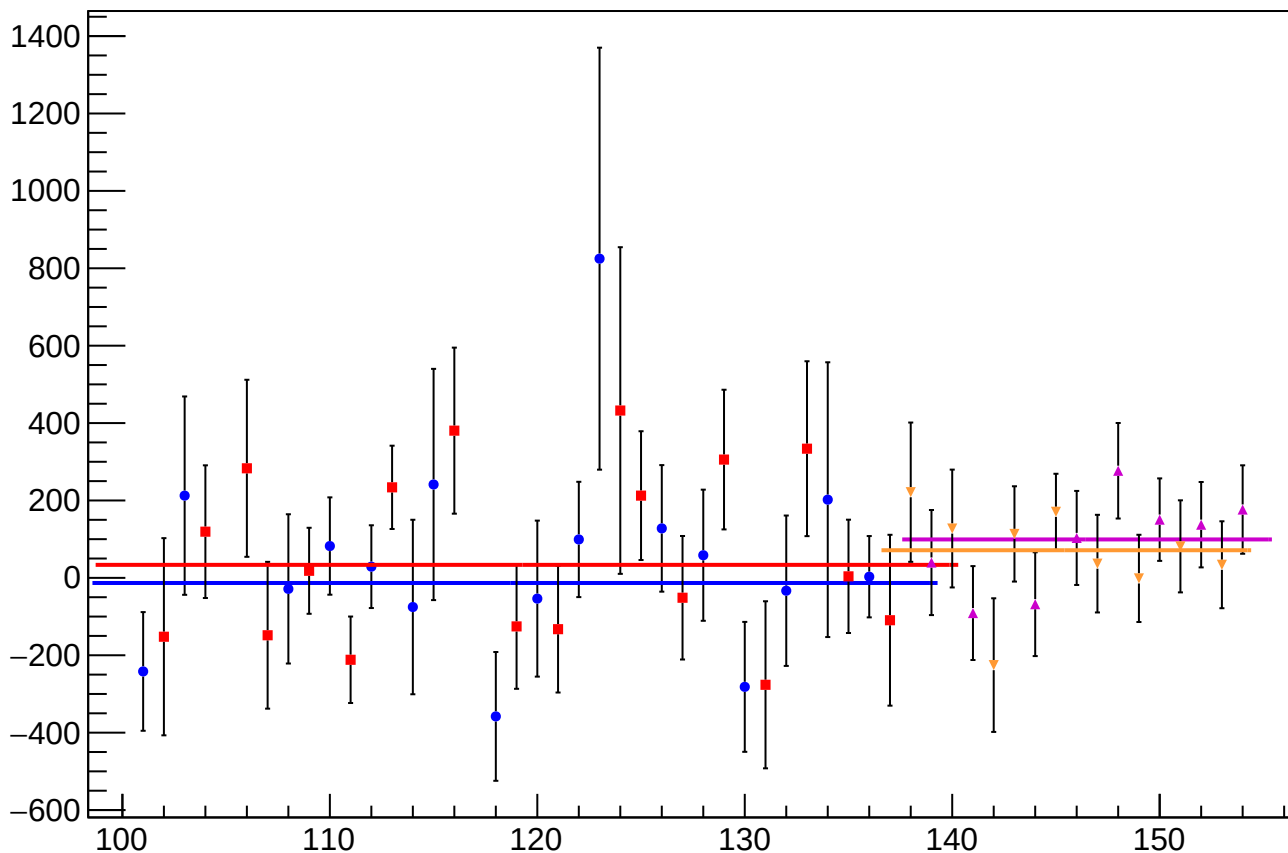
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 682.054+/-0.189 χ^2/NDF :211764.5/7

Out: 673.792+/-0.187 χ^2/NDF :290728.8/8

All: 677.876+/-0.133 χ^2/NDF : 503458.1/16

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 71.388 ± 41.939 $\chi^2/\text{NDF}: 5.5/8$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 99.306 ± 42.336 $\chi^2/\text{NDF}: 7.1/7$

Left: 85.215 ± 29.795 $\chi^2/\text{NDF}: 12.8/16$

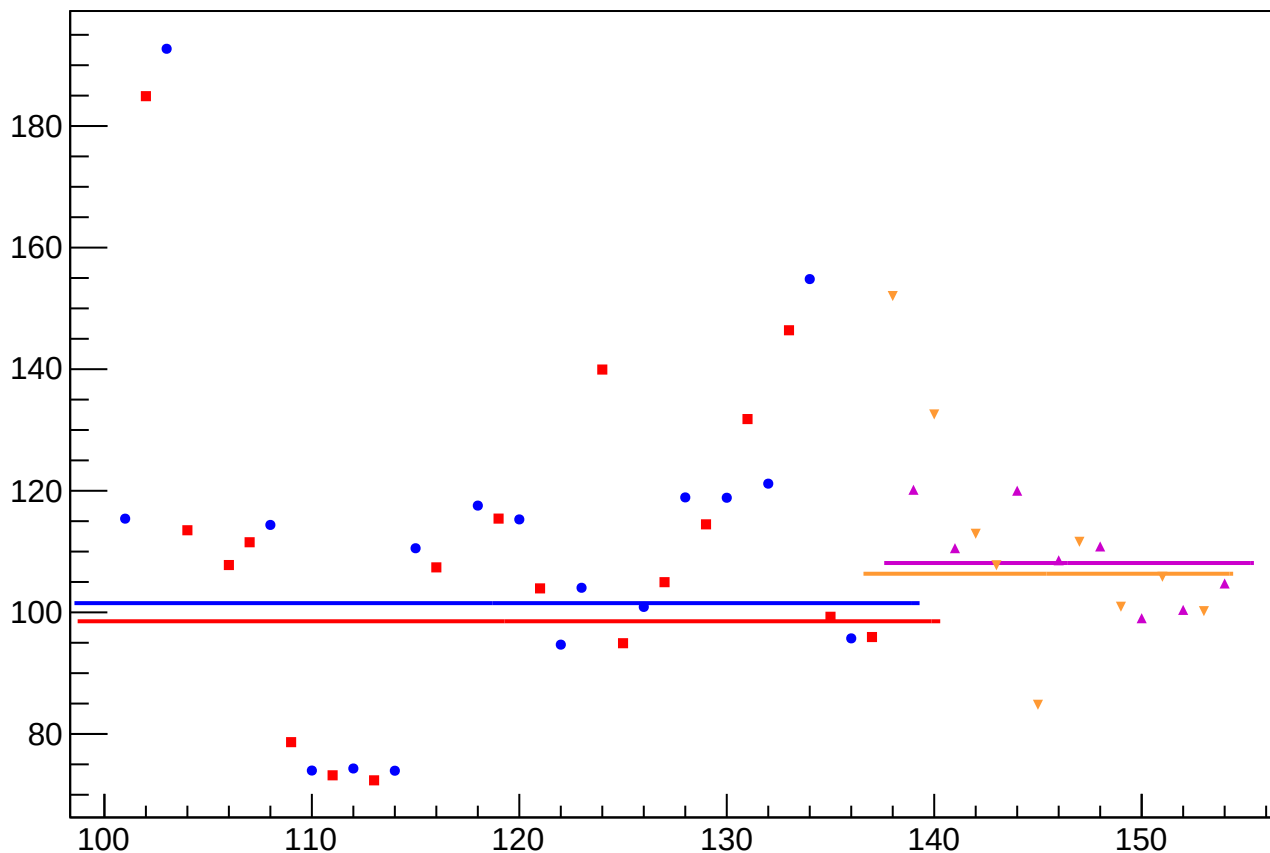
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 40.627 ± 29.286 $\chi^2/\text{NDF}: 26.5/24$

Out: 51.091 ± 28.517 $\chi^2/\text{NDF}: 30.7/26$

All: 45.998 ± 20.431 $\chi^2/\text{NDF}: 57.2/51$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 106.356 $\pm$ 0.030 χ^2 /NDF:301585.2/8

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 108.119 $\pm$ 0.030 χ^2 /NDF:59322.3/7

Left: 107.229 $\pm$ 0.021 χ^2 /NDF: 362658.4/16

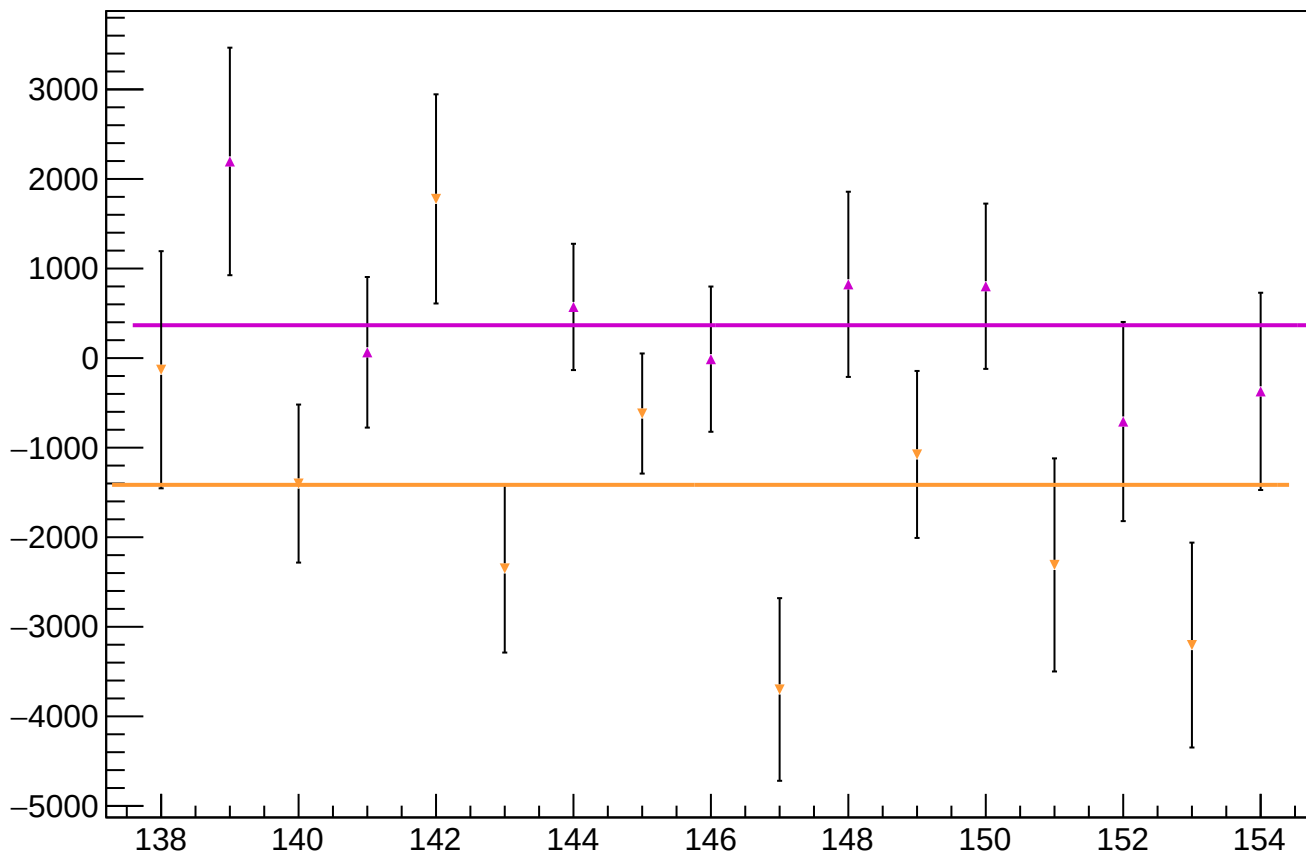
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.677 $\pm$ 0.021 χ^2 /NDF:766382.4/24

Out: 102.152 $\pm$ 0.020 χ^2 /NDF:1085942.4/26

All: 103.381 $\pm$ 0.014 χ^2 /NDF: 1859958.8/51

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 366.946+/-327.713 χ^2/NDF :4.3/7

Left: -534.472+/-230.379 χ^2/NDF : 38.2/16

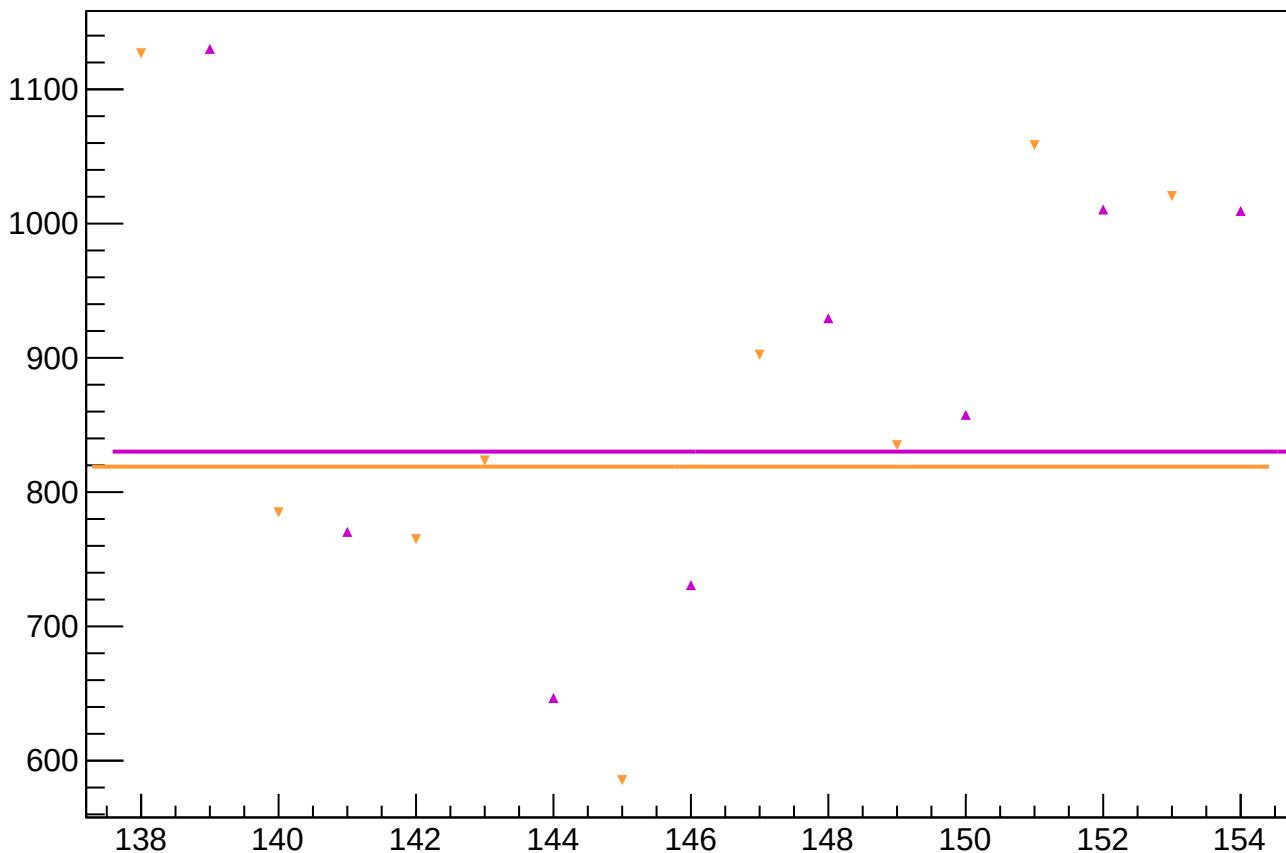
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 366.946+/-327.713 χ^2/NDF :4.3/7

Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

All: -534.472+/-230.379 χ^2/NDF : 38.2/16

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 830.170+/-0.232 χ^2/NDF :412977.6/7

Left: 824.514+/-0.163 χ^2/NDF : 929133.6/16

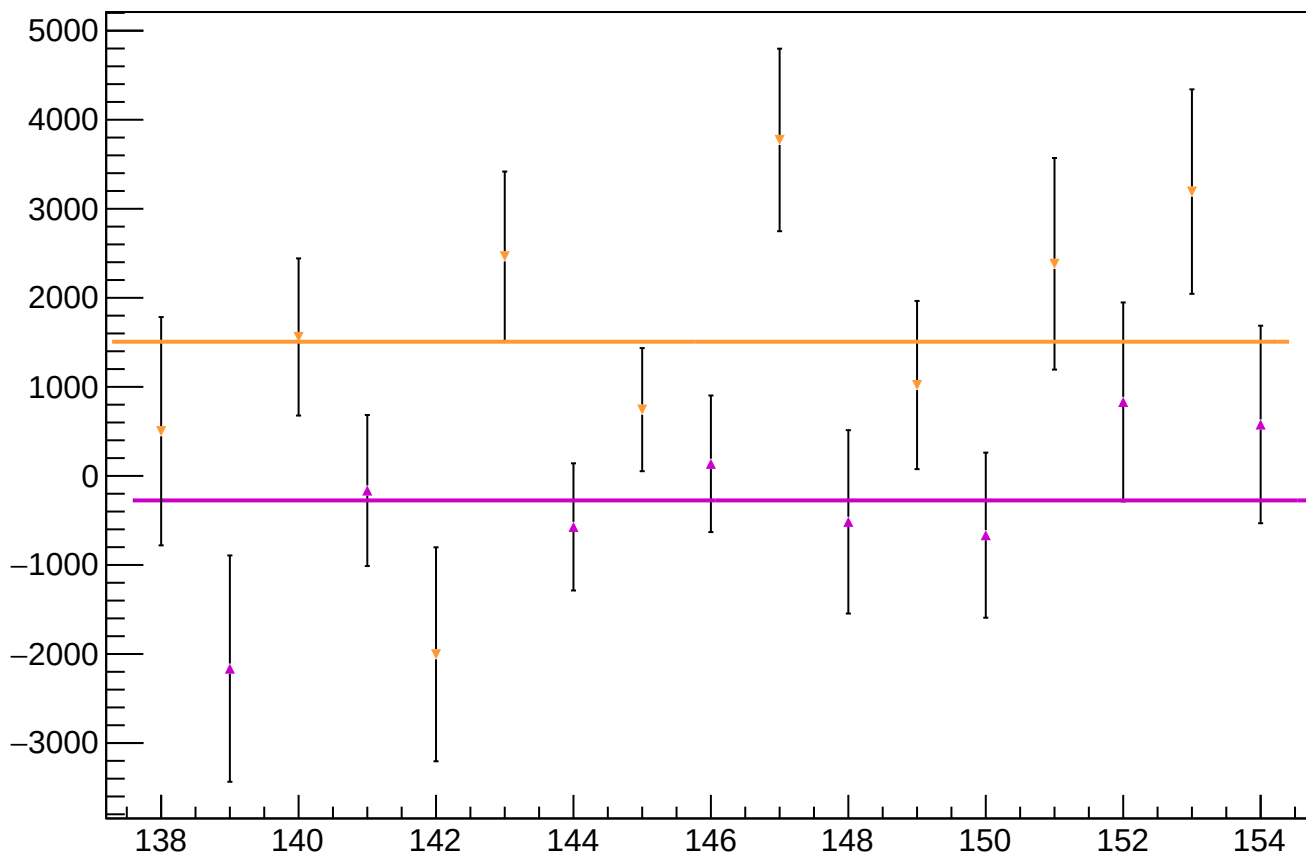
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 830.170+/-0.232 χ^2/NDF :412977.6/7

Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

All: 824.514+/-0.163 χ^2/NDF : 929133.6/16

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -275.149+/-326.305 χ^2/NDF :4.5/7

Left: 612.591+/-231.175 χ^2/NDF : 38.6/16

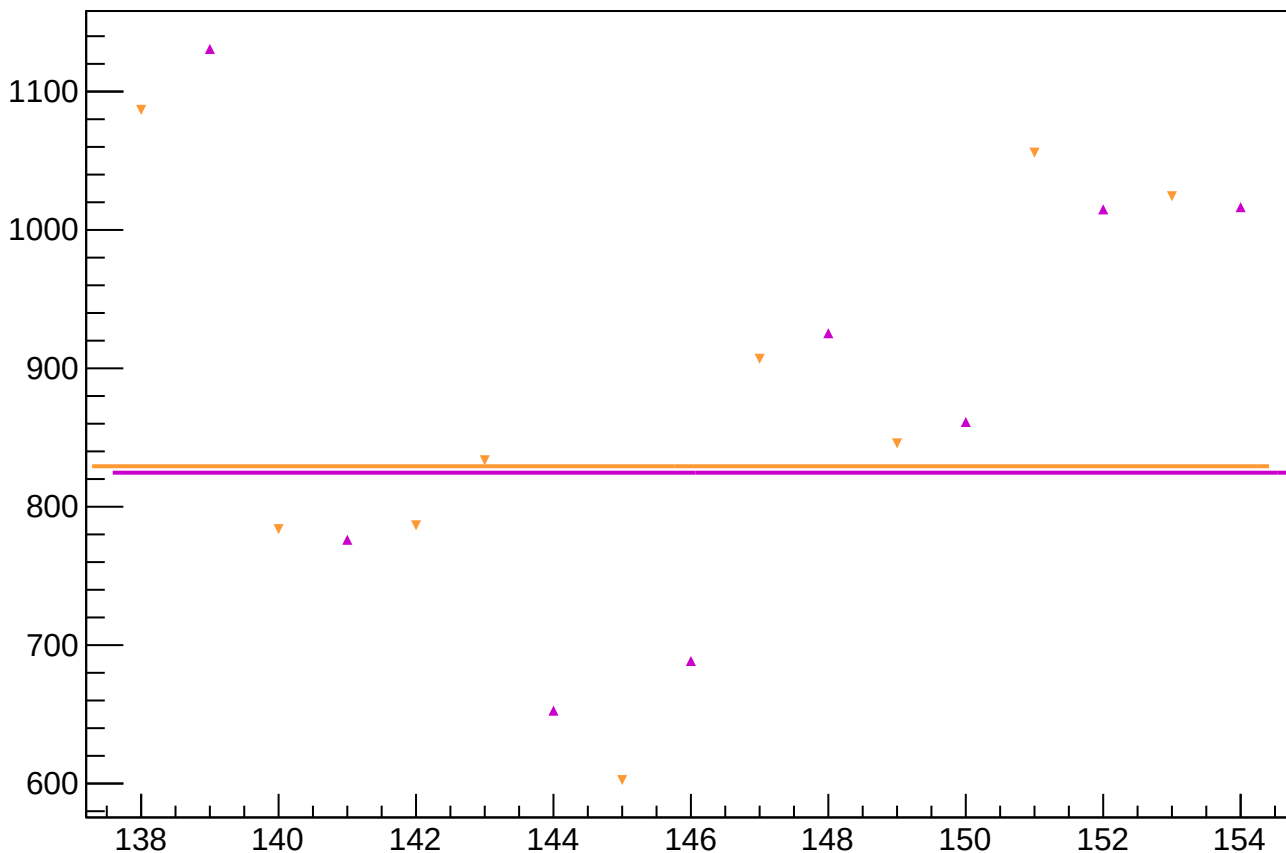
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.149+/-326.305 χ^2/NDF :4.5/7

Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

All: 612.591+/-231.175 χ^2/NDF : 38.6/16

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 824.593+/-0.231 χ^2/NDF :441675.3/7

Left: 826.913+/-0.163 χ^2/NDF : 888104.7/16

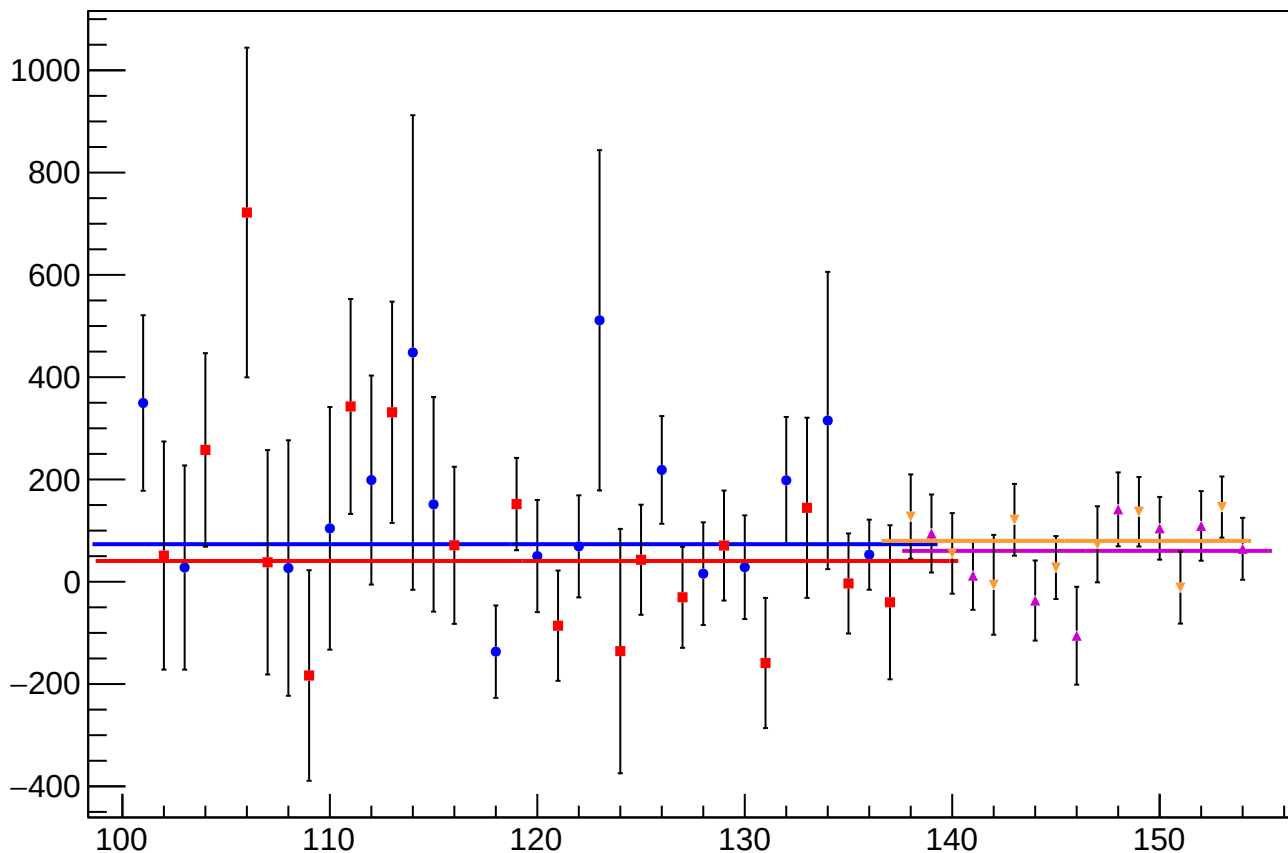
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.593+/-0.231 χ^2/NDF :441675.3/7

Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

All: 826.913+/-0.163 χ^2/NDF : 888104.7/16

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 79.844 $\pm$ 23.844 χ^2 /NDF: 5.9/8

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 60.384 $\pm$ 24.887 χ^2 /NDF: 7.6/7

Left: 70.530 $\pm$ 17.217 χ^2 /NDF: 13.8/16

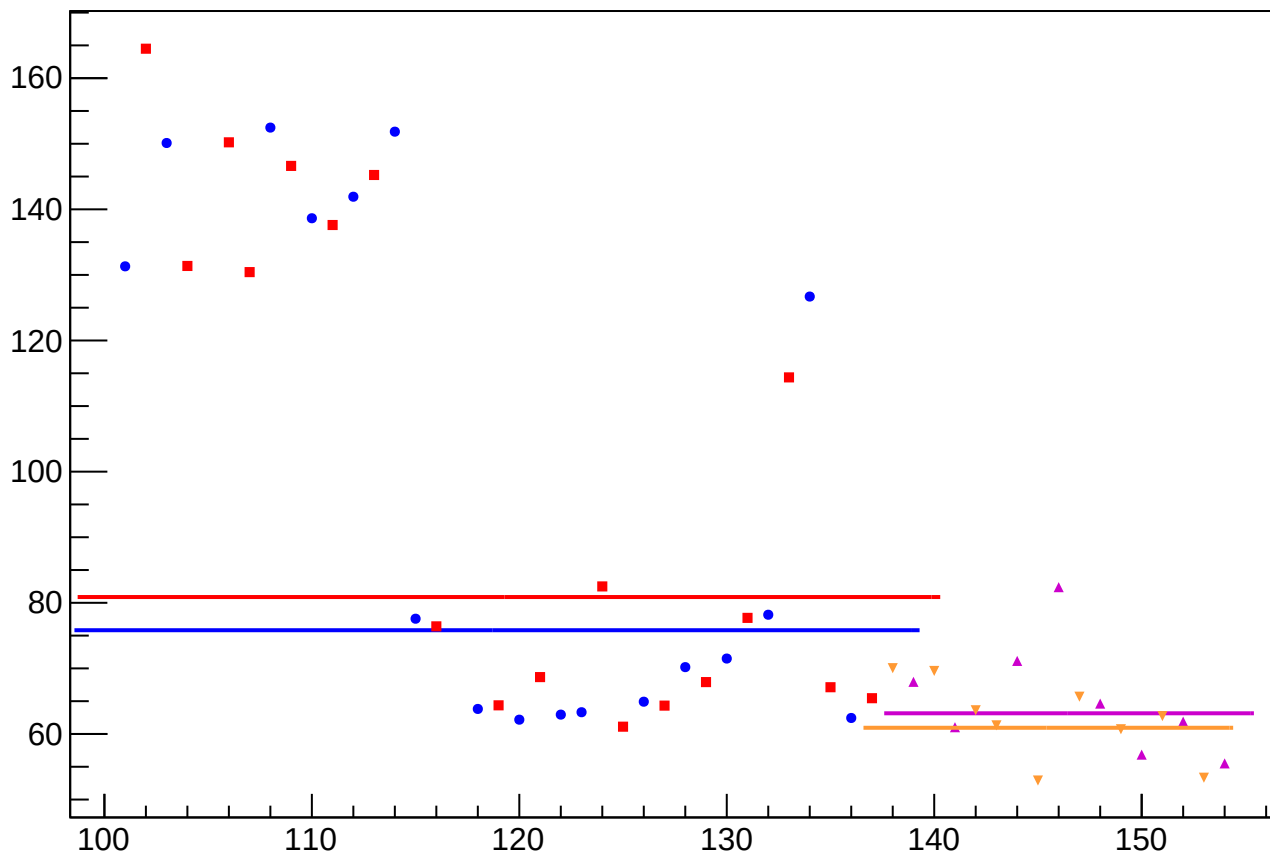
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 65.491 $\pm$ 19.422 χ^2 /NDF: 22.9/24

Out: 66.243 $\pm$ 19.275 χ^2 /NDF: 25.0/26

All: 65.870 $\pm$ 13.681 χ^2 /NDF: 48.0/51

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 60.946 $\pm$ 0.017 χ^2 /NDF:126025.4/8

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 63.153 $\pm$ 0.018 χ^2 /NDF:166065.4/7

Left: 62.002 $\pm$ 0.012 χ^2 /NDF: 300293.2/16

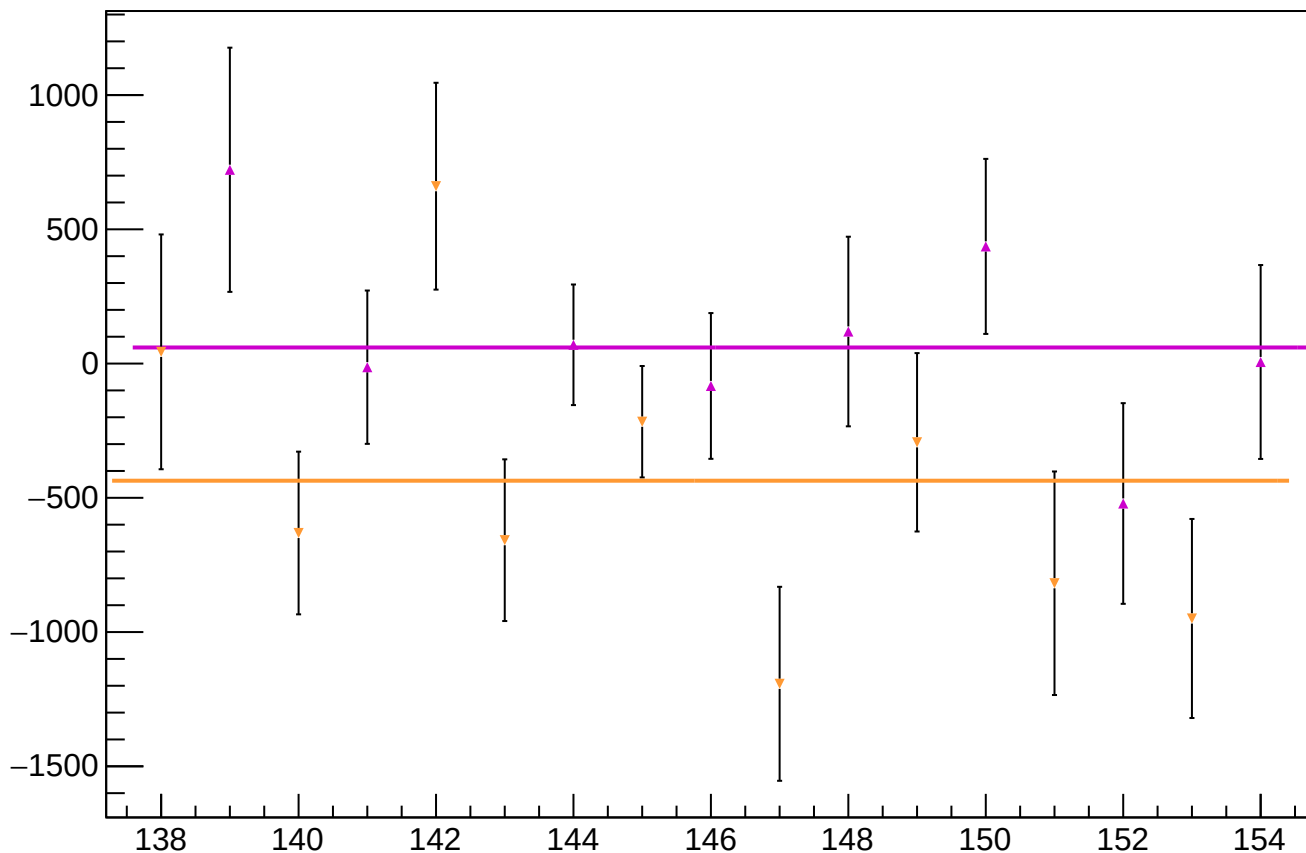
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 68.105 $\pm$ 0.014 χ^2 /NDF:1718605.6/24

Out: 67.854 $\pm$ 0.014 χ^2 /NDF:2136515.9/26

All: 67.978 $\pm$ 0.010 χ^2 /NDF: 3855290.7/51

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -436.278+/-107.287 χ^2/NDF :18.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 59.900+/-109.924 χ^2/NDF :6.3/7

Left: -194.214+/-76.779 χ^2/NDF : 35.4/16

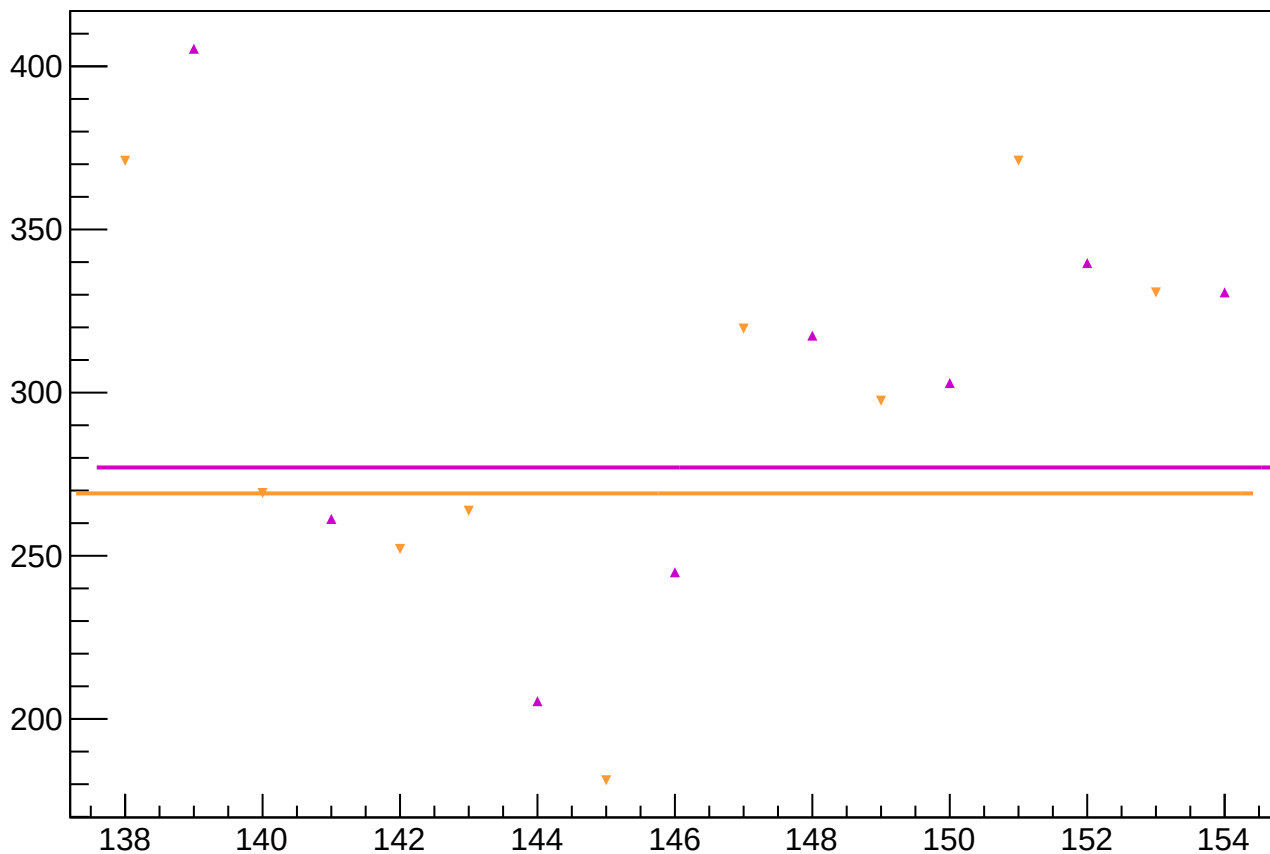
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.900+/-109.924 χ^2/NDF :6.3/7

Out: -436.278+/-107.287 χ^2/NDF :18.7/8

All: -194.214+/-76.779 χ^2/NDF : 35.4/16

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 269.118+/-0.076 χ^2/NDF : 701114.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 277.062+/-0.078 χ^2/NDF : 535894.7/7

Left: 272.994+/-0.054 χ^2/NDF : 1242357.6/16

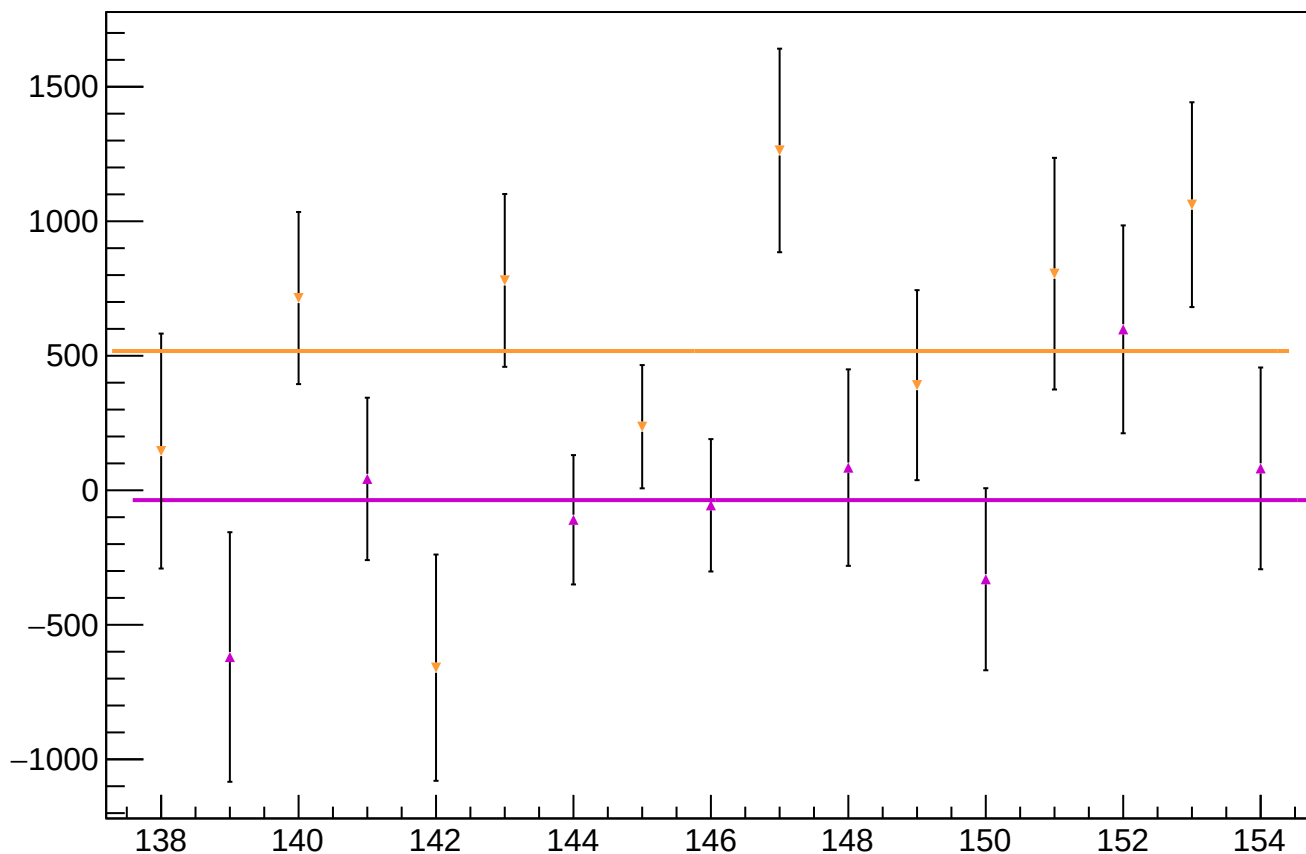
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.062+/-0.078 χ^2/NDF : 535894.7/7

Out: 269.118+/-0.076 χ^2/NDF : 701114.5/8

All: 272.994+/-0.054 χ^2/NDF : 1242357.6/16

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 517.687+/-114.167 χ^2/NDF :17.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.486+/-112.163 χ^2/NDF :5.4/7

Left: 235.693+/-80.010 χ^2/NDF : 35.0/16

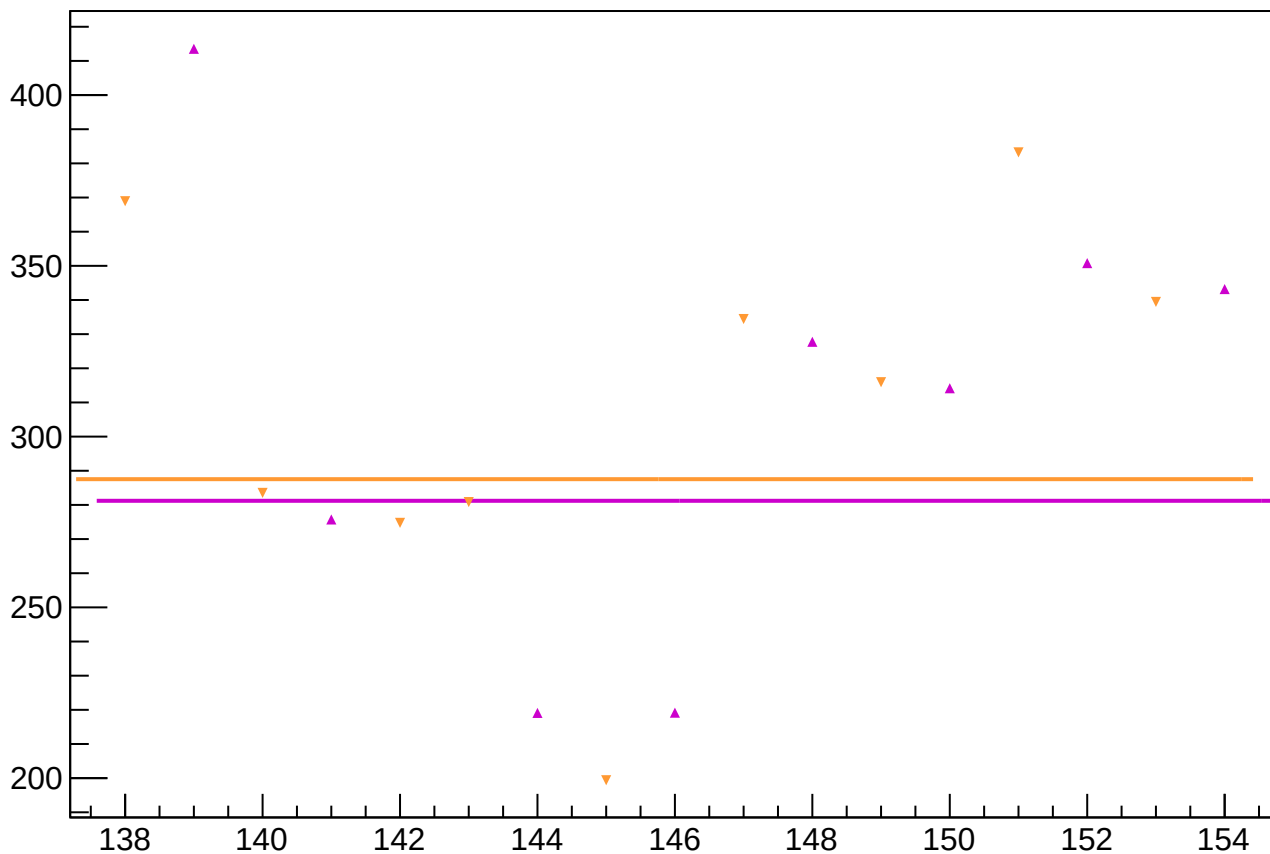
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.486+/-112.163 χ^2/NDF :5.4/7

Out: 517.687+/-114.167 χ^2/NDF :17.6/8

All: 235.693+/-80.010 χ^2/NDF : 35.0/16

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 287.538+/-0.081 χ^2/NDF : 548247.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 281.205+/-0.079 χ^2/NDF : 595093.8/7

Left: 284.315+/-0.057 χ^2/NDF : 1146472.7/16

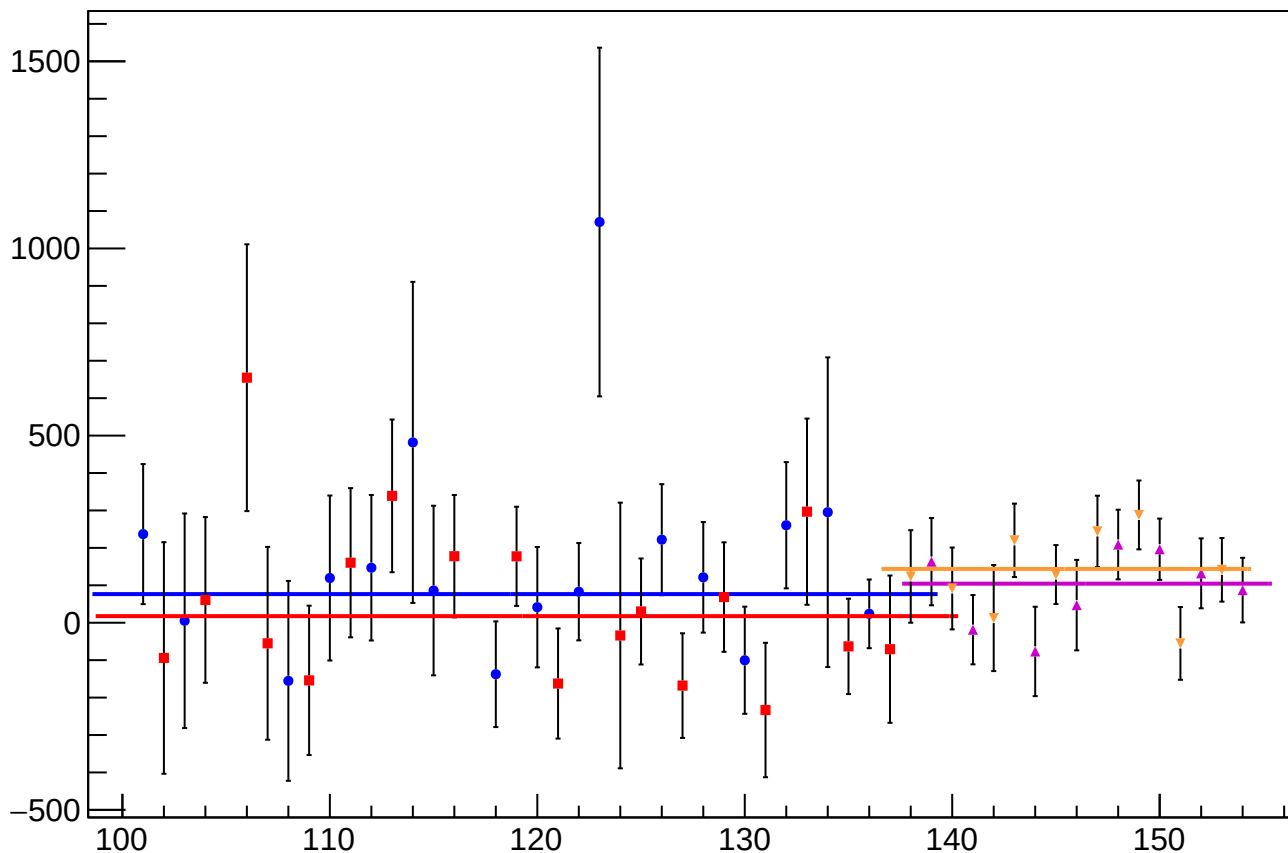
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 281.205+/-0.079 χ^2/NDF : 595093.8/7

Out: 287.538+/-0.081 χ^2/NDF : 548247.6/8

All: 284.315+/-0.057 χ^2/NDF : 1146472.7/16

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 143.774+/-32.674 χ^2/NDF : 9.5/8

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 104.388+/-34.454 χ^2/NDF : 7.2/7

Left: 125.125+/-23.708 χ^2/NDF : 17.4/16

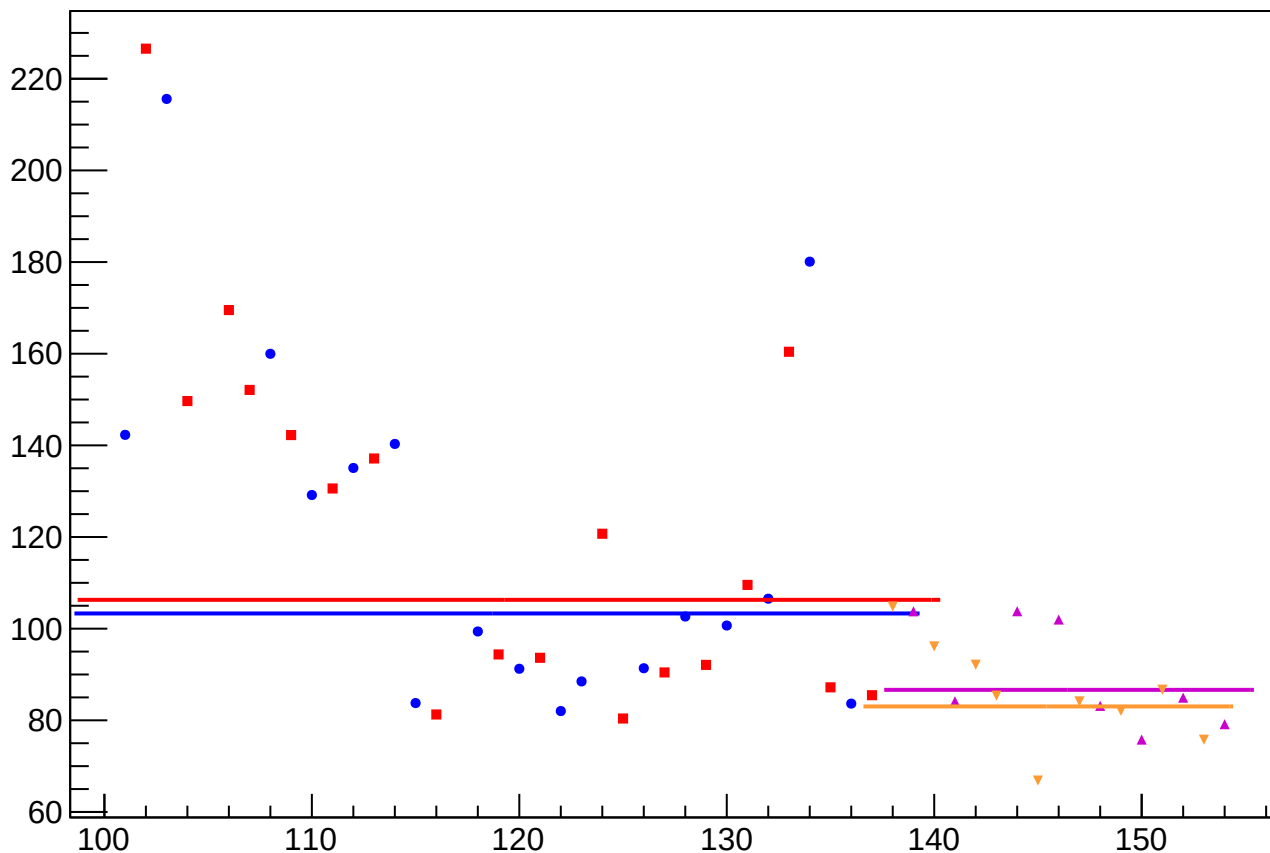
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 93.029+/-26.524 χ^2/NDF : 21.4/24

Out: 96.622+/-25.857 χ^2/NDF : 31.9/26

All: 94.871+/-18.515 χ^2/NDF : 53.3/51

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2/NDF : 837801.7/16

Left Out: 83.030 $\pm$ 0.023 χ^2/NDF : 202488.1/8

Right Out: 106.289 $\pm$ 0.030 χ^2/NDF : 1000708.3/17

Left In: 86.649 $\pm$ 0.024 χ^2/NDF : 171944.1/7

Left: 84.744 $\pm$ 0.017 χ^2/NDF : 386047.1/16

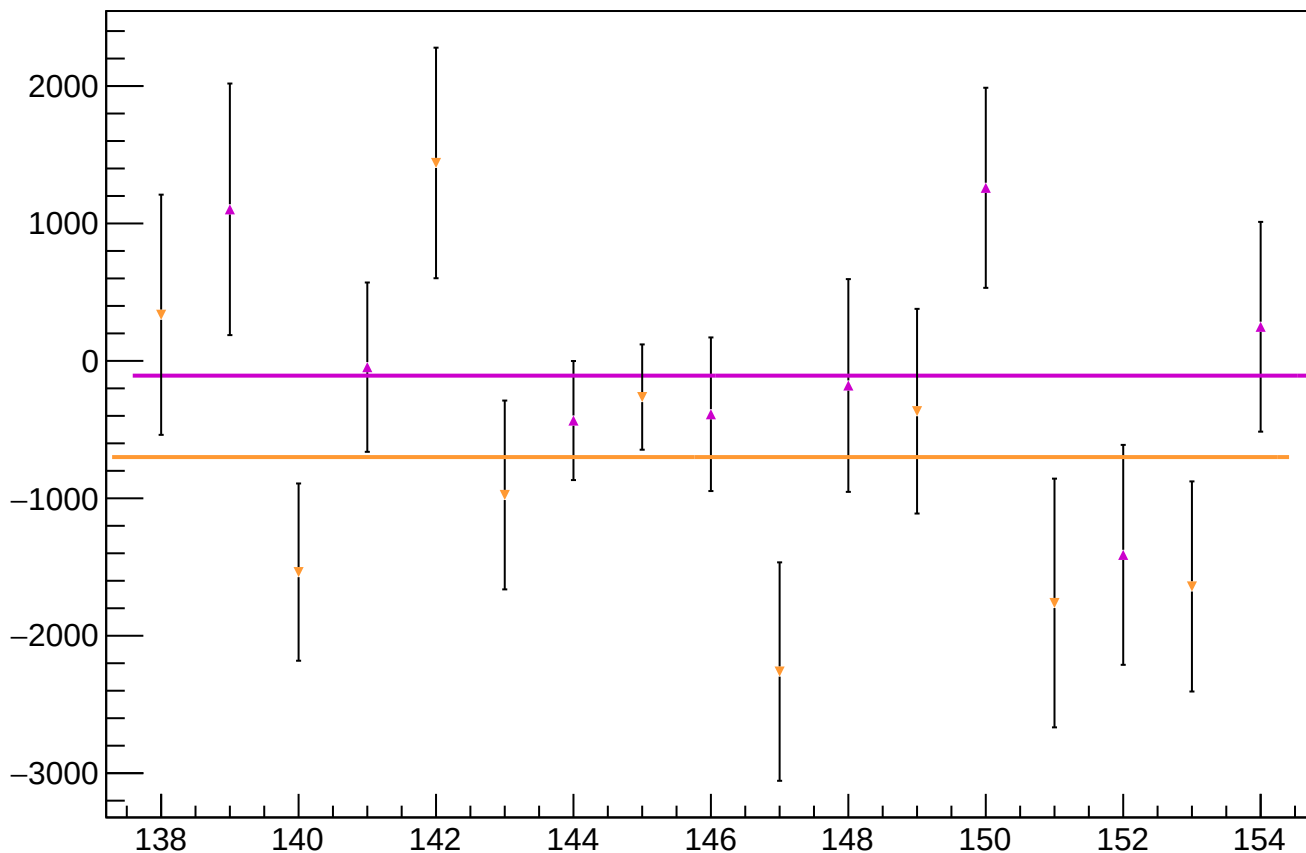
Right: 104.777 $\pm$ 0.021 χ^2/NDF : 1843531.0/34

In: 93.439 $\pm$ 0.019 χ^2/NDF : 1200435.6/24

Out: 91.722 $\pm$ 0.018 χ^2/NDF : 1581927.8/26

All: 92.559 $\pm$ 0.013 χ^2/NDF : 2786658.5/51

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -699.881+/-221.480 χ^2/NDF :18.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -107.334+/-228.257 χ^2/NDF :9.0/7

Left: -412.535+/-158.952 χ^2/NDF : 30.5/16

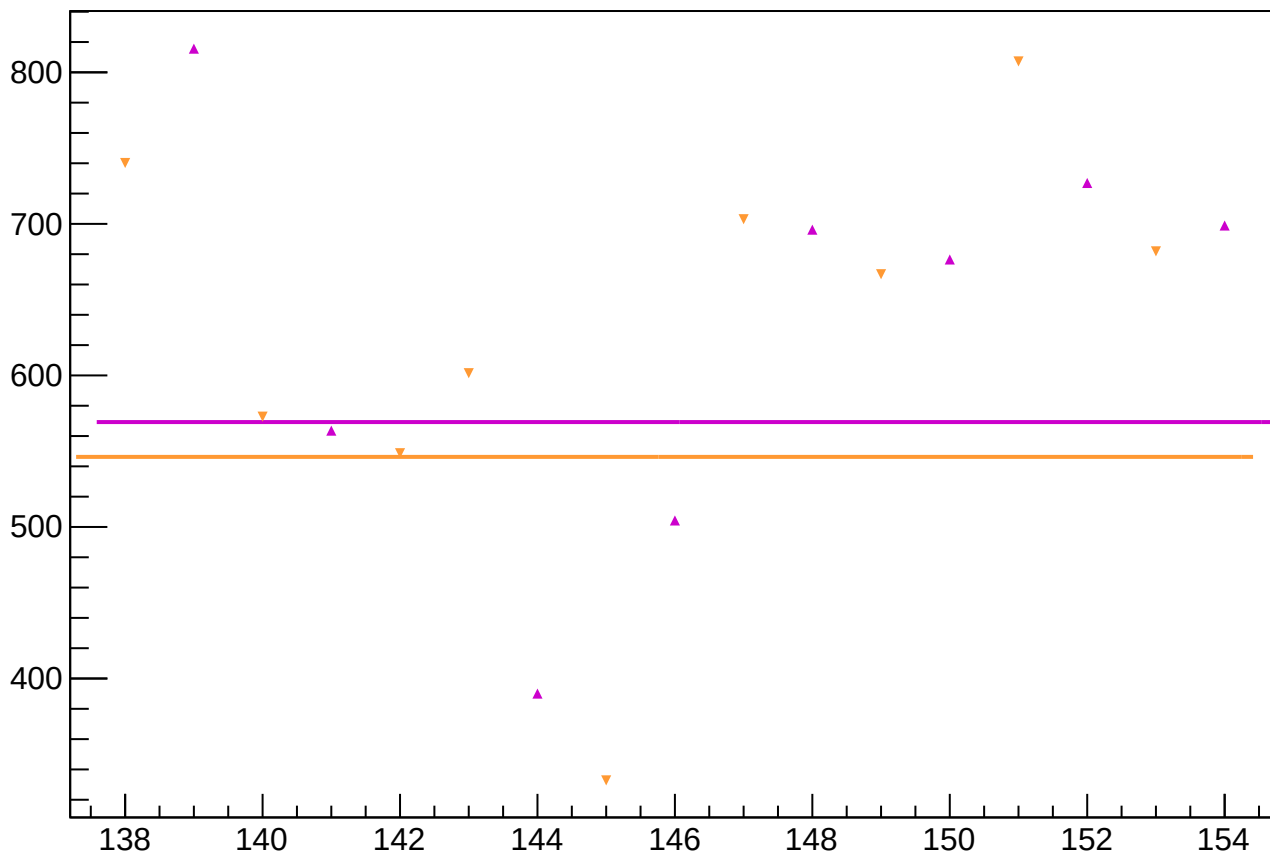
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -107.334+/-228.257 χ^2/NDF :9.0/7

Out: -699.881+/-221.480 χ^2/NDF :18.0/8

All: -412.535+/-158.952 χ^2/NDF : 30.5/16

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 569.219+/-0.161 χ^2/NDF :747030.0/7

Left: 557.386+/-0.112 χ^2/NDF : 1852817.7/16

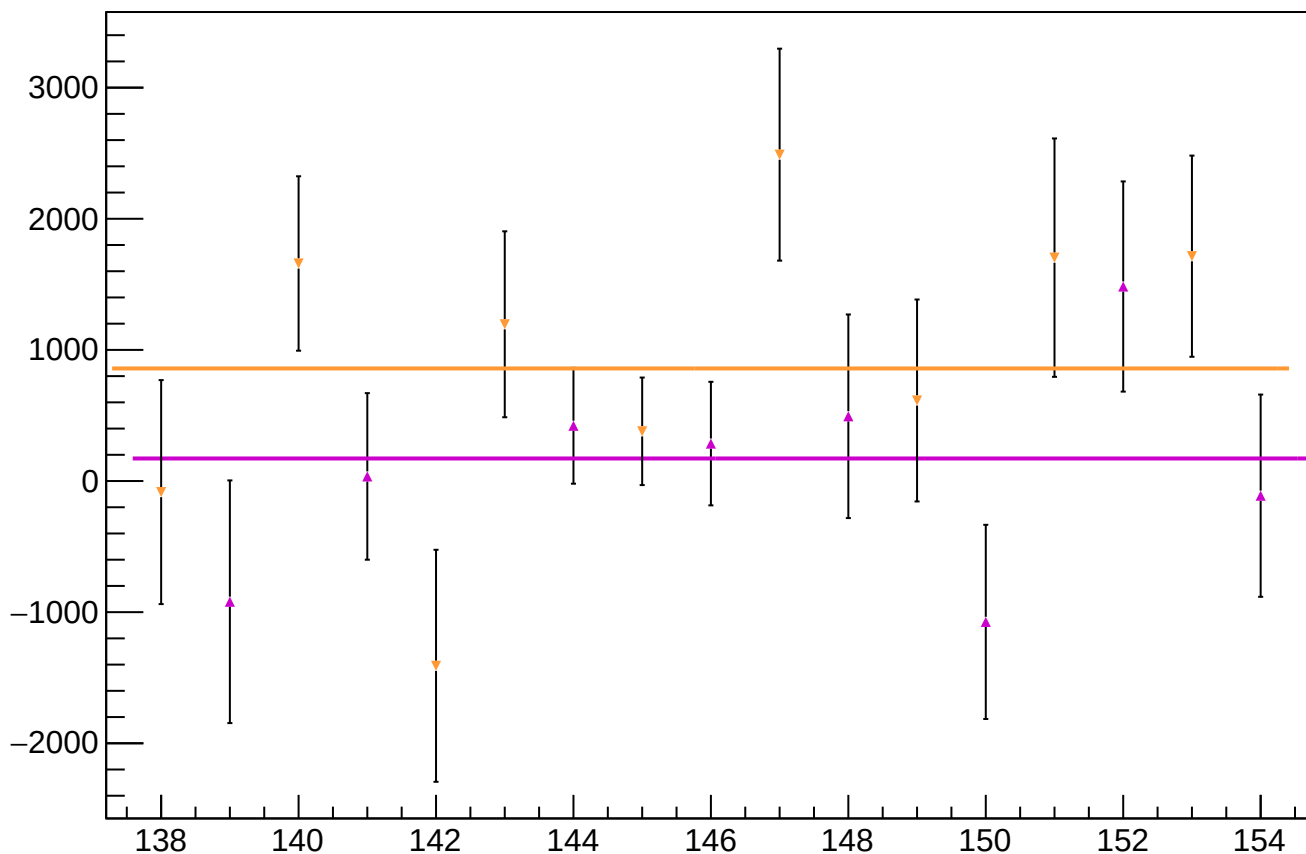
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 569.219+/-0.161 χ^2/NDF :747030.0/7

Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

All: 557.386+/-0.112 χ^2/NDF : 1852817.7/16

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 858.513+/-229.575 χ^2/NDF :17.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 171.922+/-223.610 χ^2/NDF :7.6/7

Left: 506.183+/-160.183 χ^2/NDF : 29.3/16

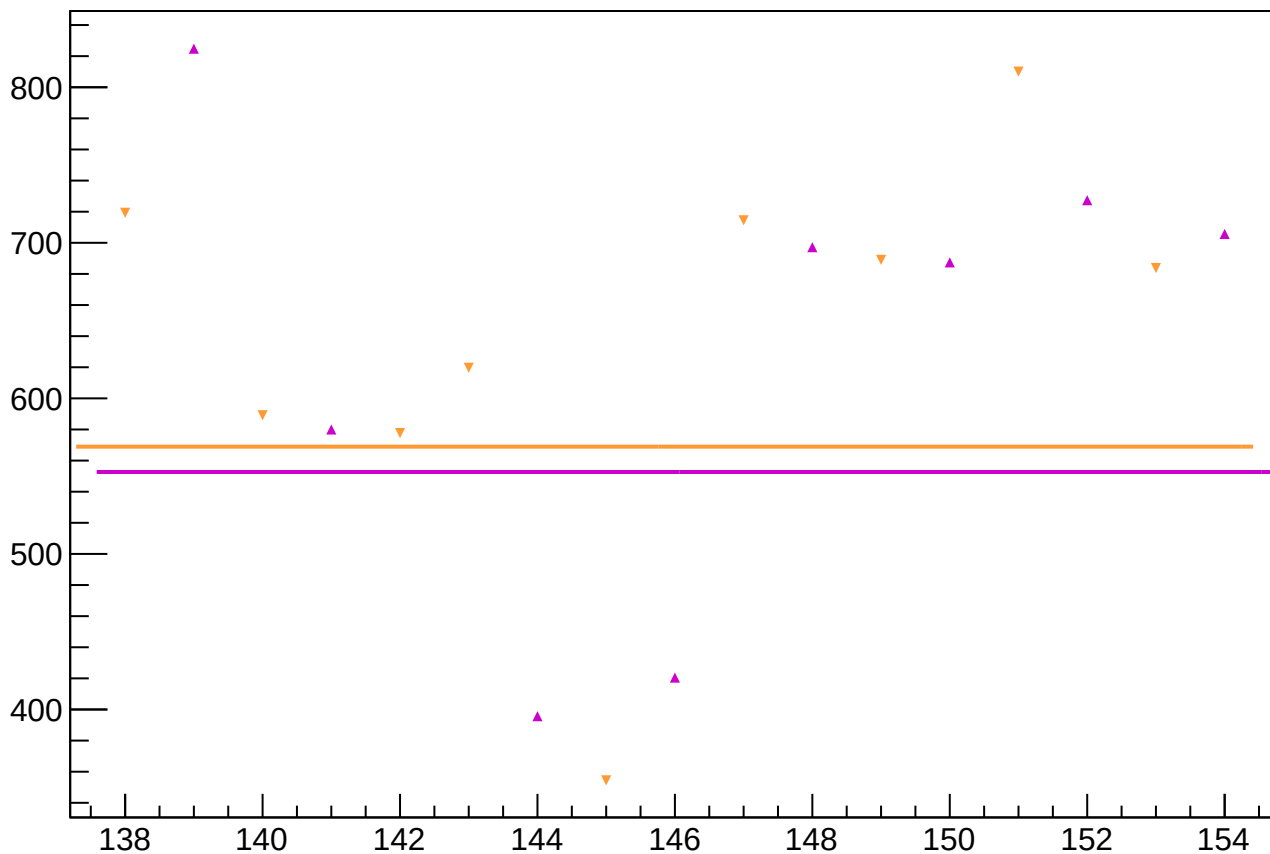
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.922+/-223.610 χ^2/NDF :7.6/7

Out: 858.513+/-229.575 χ^2/NDF :17.1/8

All: 506.183+/-160.183 χ^2/NDF : 29.3/16

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 552.680+/-0.158 χ^2/NDF : 896164.7/7

Left: 560.609+/-0.113 χ^2/NDF : 1822043.8/16

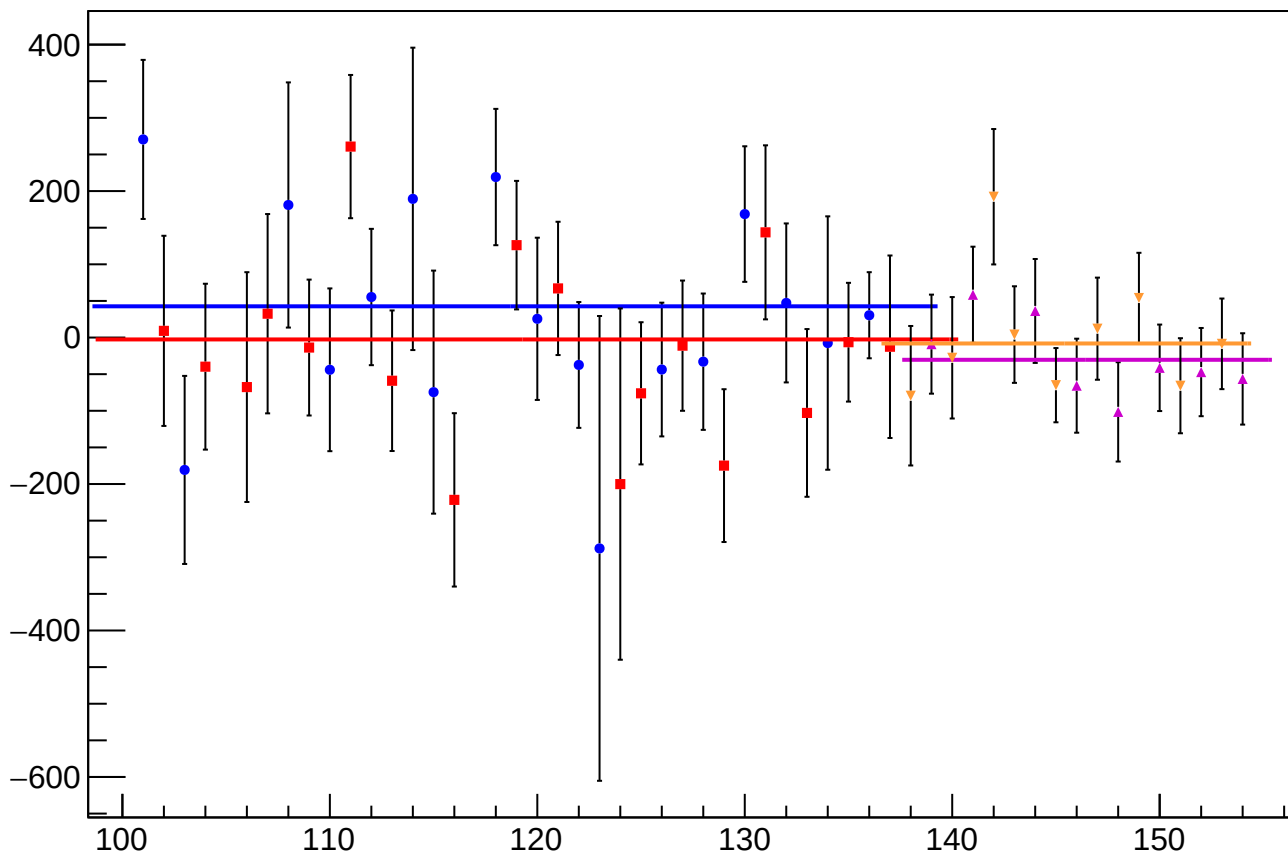
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 552.680+/-0.158 χ^2/NDF : 896164.7/7

Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

All: 560.609+/-0.113 χ^2/NDF : 1822043.8/16

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: -8.092 $\pm$ 22.594 χ^2 /NDF: 8.5/8

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -30.374 $\pm$ 22.768 χ^2 /NDF: 4.5/7

Left: -19.147 $\pm$ 16.037 χ^2 /NDF: 13.5/16

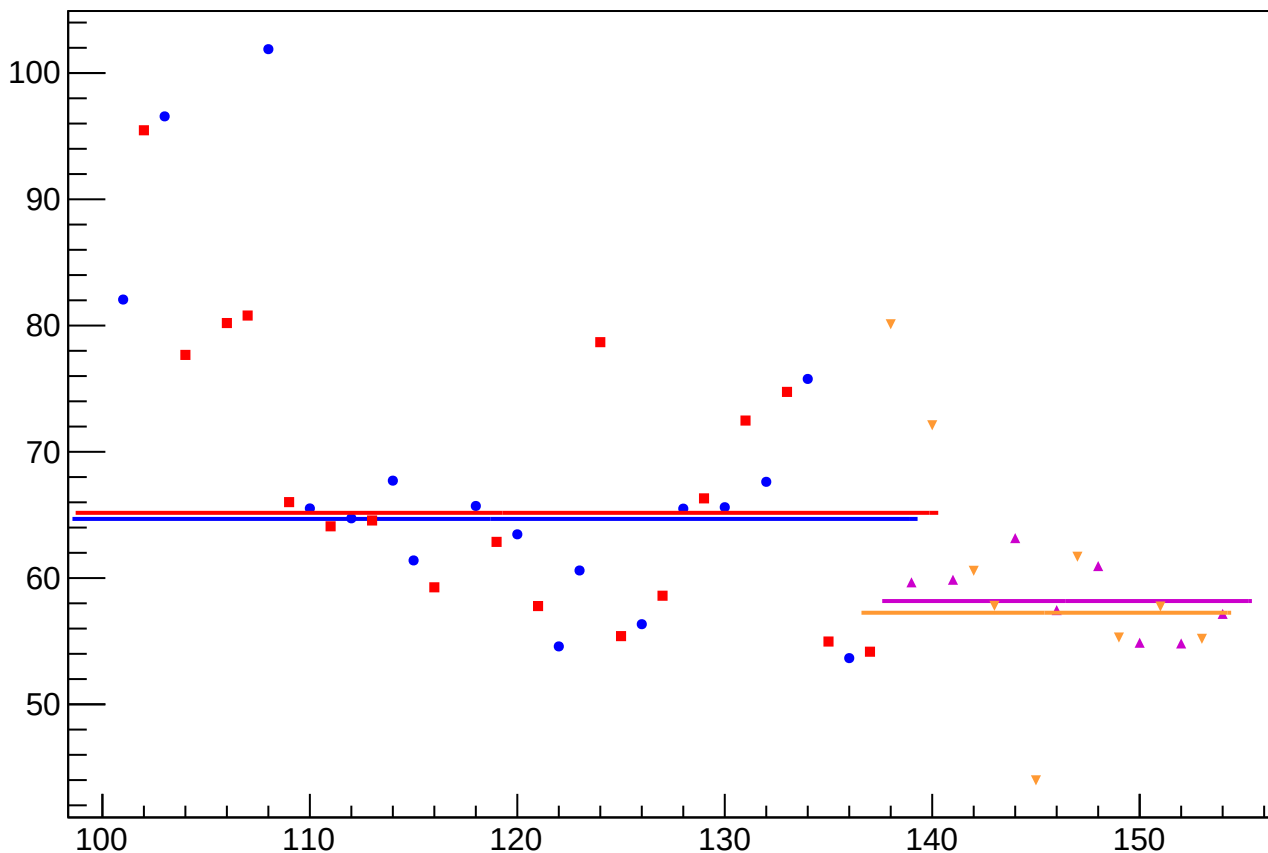
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 2.040 $\pm$ 16.979 χ^2 /NDF: 27.9/24

Out: -5.622 $\pm$ 16.789 χ^2 /NDF: 28.9/26

All: -1.834 $\pm$ 11.938 χ^2 /NDF: 57.0/51

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2/NDF : 400187.1/16

Left Out: 57.254 $\pm$ 0.016 χ^2/NDF :331639.8/8

Right Out: 65.167 $\pm$ 0.018 χ^2/NDF : 304580.7/17

Left In: 58.181 $\pm$ 0.016 χ^2/NDF :28750.0/7

Left: 57.714 $\pm$ 0.011 χ^2/NDF : 362058.1/16

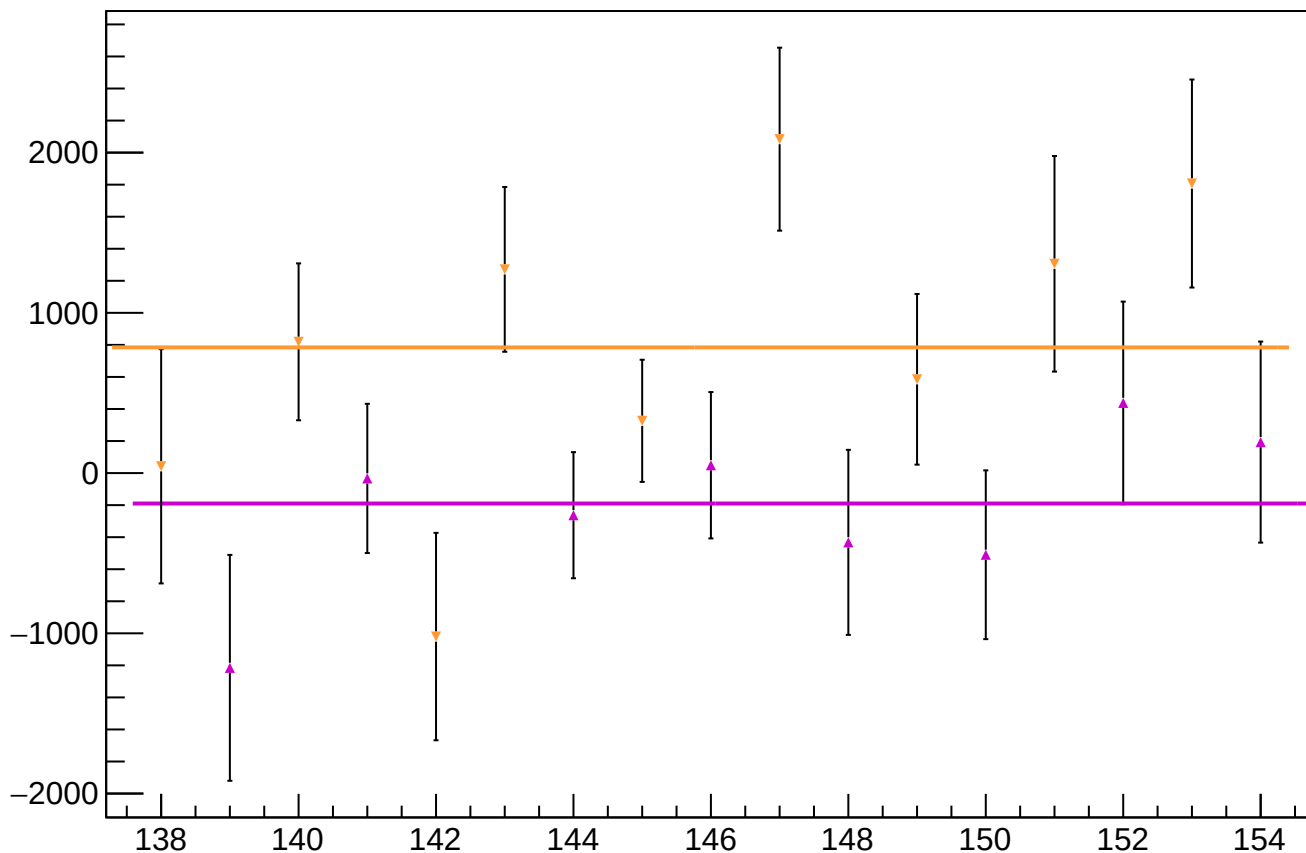
Right: 64.930 $\pm$ 0.013 χ^2/NDF : 705130.8/34

In: 61.068 $\pm$ 0.012 χ^2/NDF :501393.6/24

Out: 60.798 $\pm$ 0.012 χ^2/NDF :746079.1/26

All: 60.931 $\pm$ 0.008 χ^2/NDF : 1247728.2/51

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 784.317+/-181.748 χ^2/NDF :19.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -189.988+/-184.040 χ^2/NDF :4.4/7

Left: 303.270+/-129.318 χ^2/NDF : 38.2/16

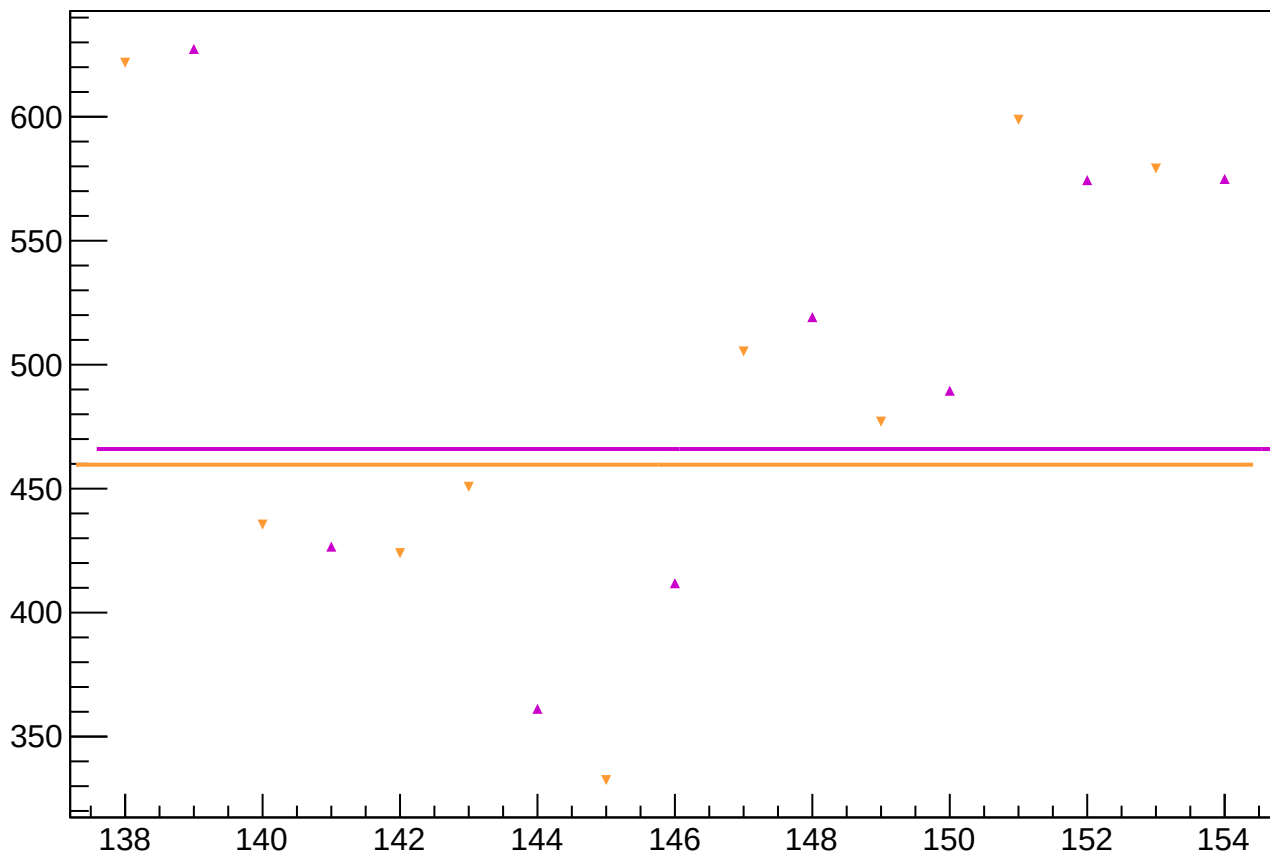
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -189.988+/-184.040 χ^2/NDF :4.4/7

Out: 784.317+/-181.748 χ^2/NDF :19.6/8

All: 303.270+/-129.318 χ^2/NDF : 38.2/16

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 459.662+/-0.129 χ^2/NDF :501032.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 465.986+/-0.130 χ^2/NDF :429171.8/7

Left: 462.784+/-0.091 χ^2/NDF : 931399.7/16

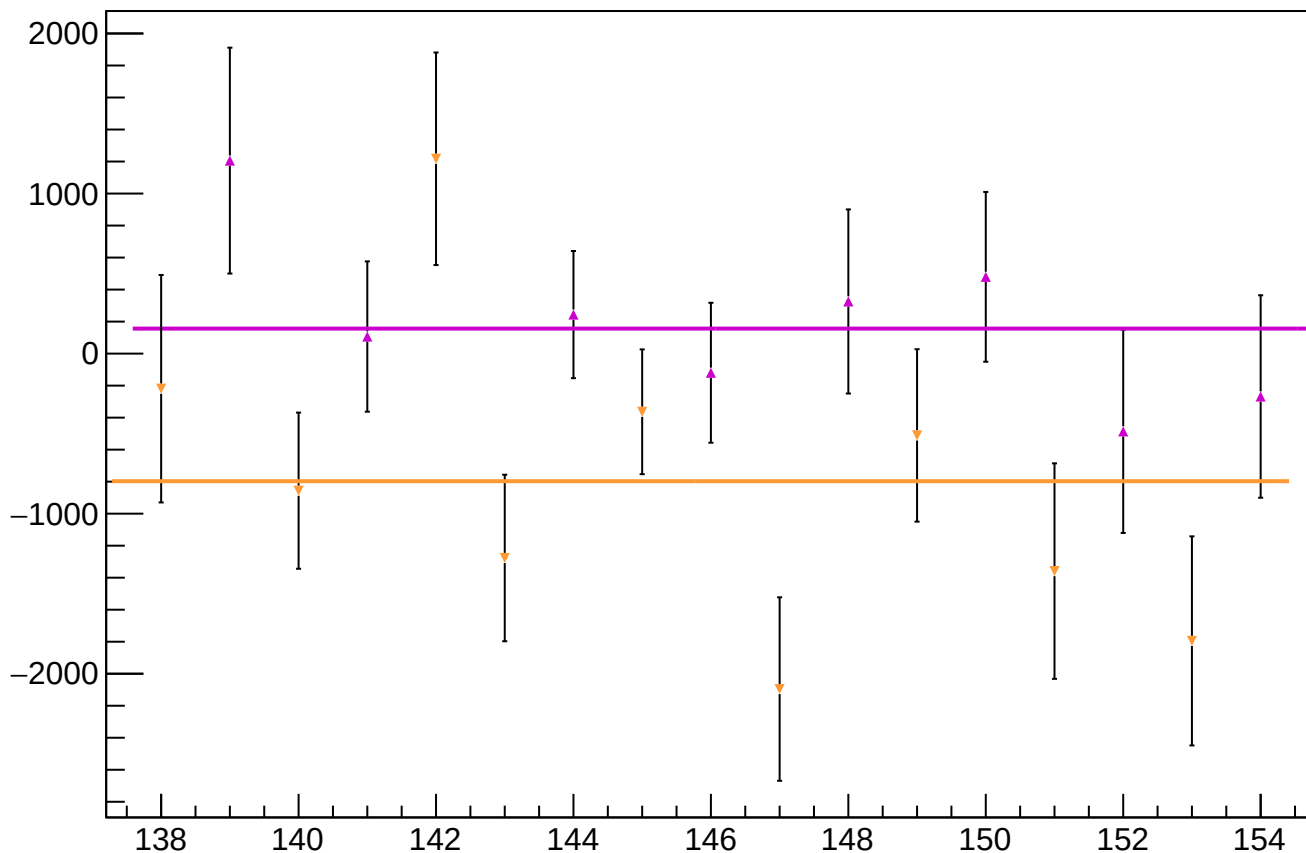
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 465.986+/-0.130 χ^2/NDF :429171.8/7

Out: 459.662+/-0.129 χ^2/NDF :501032.4/8

All: 462.784+/-0.091 χ^2/NDF : 931399.7/16

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -797.212+/-183.299 χ^2/NDF :20.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 156.303+/-183.582 χ^2/NDF :4.6/7

Left: -321.189+/-129.712 χ^2/NDF : 38.5/16

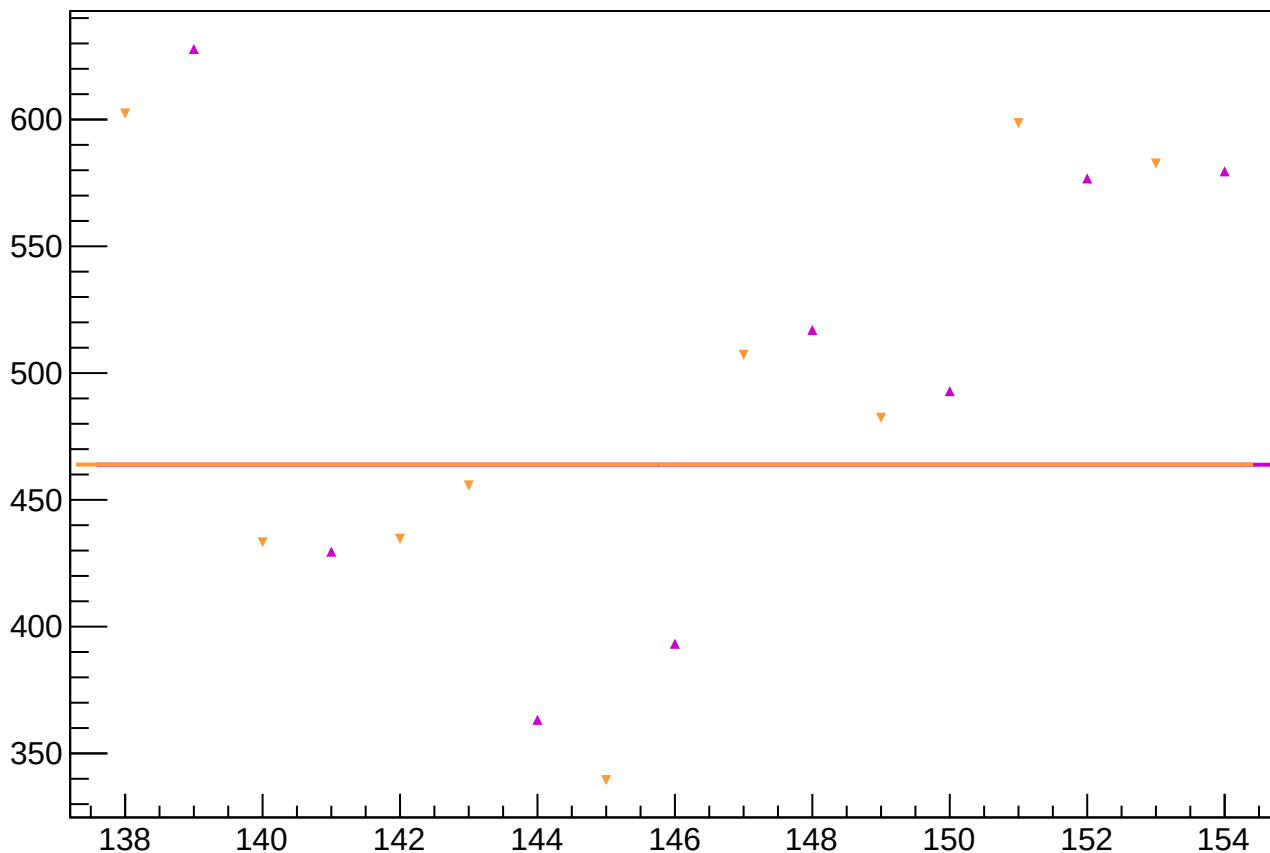
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 156.303+/-183.582 χ^2/NDF :4.6/7

Out: -797.212+/-183.299 χ^2/NDF :20.4/8

All: -321.189+/-129.712 χ^2/NDF : 38.5/16

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 463.870+/-0.130 χ^2/NDF : 452351.5/7

Left: 463.901+/-0.092 χ^2/NDF : 904136.0/16

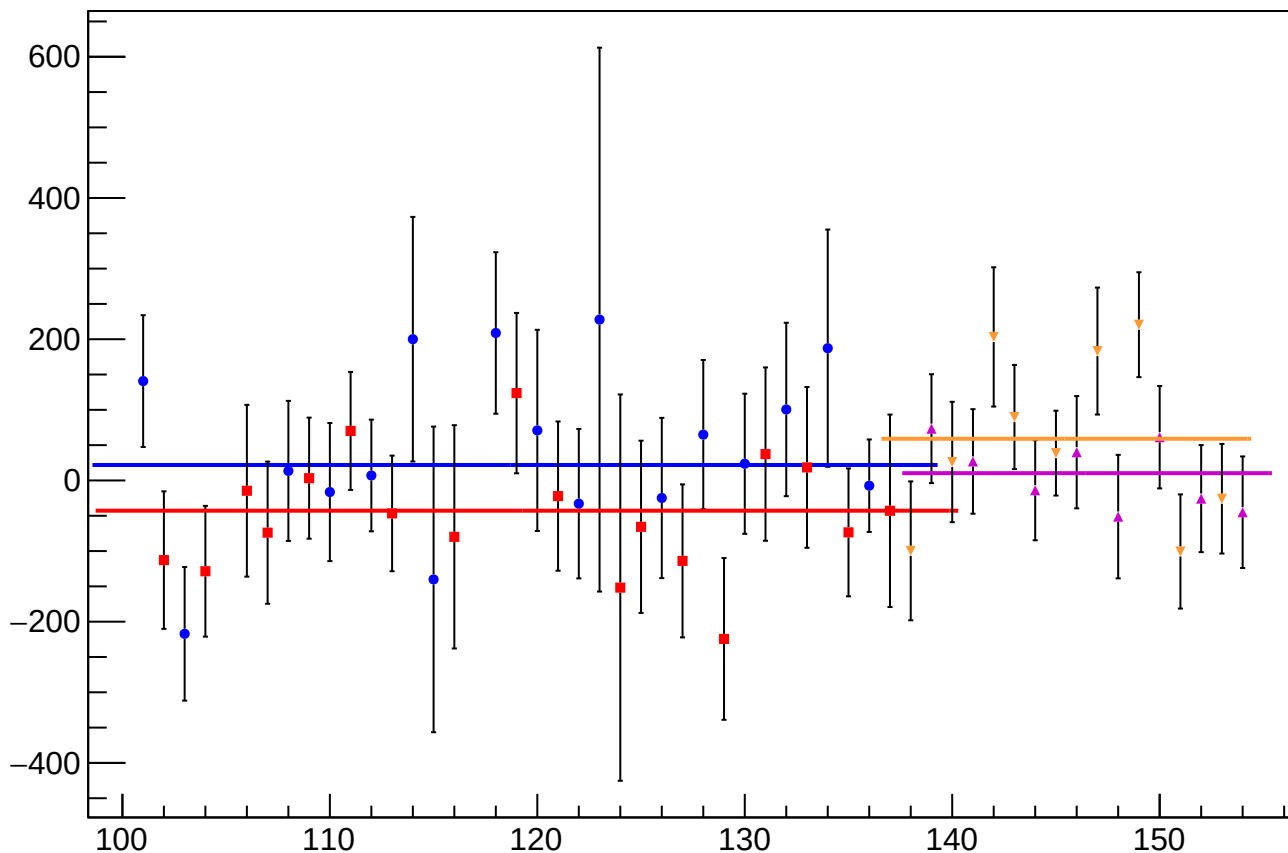
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 463.870+/-0.130 χ^2/NDF : 452351.5/7

Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

All: 463.901+/-0.092 χ^2/NDF : 904136.0/16

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2/NDF : 15.1/16

Left Out: 59.058 $\pm$ 26.458 χ^2/NDF :16.9/8

Right Out: -42.817 $\pm$ 25.116 χ^2/NDF : 9.9/17

Left In: 10.327 $\pm$ 27.079 χ^2/NDF :2.7/7

Left: 35.258 $\pm$ 18.925 χ^2/NDF : 21.2/16

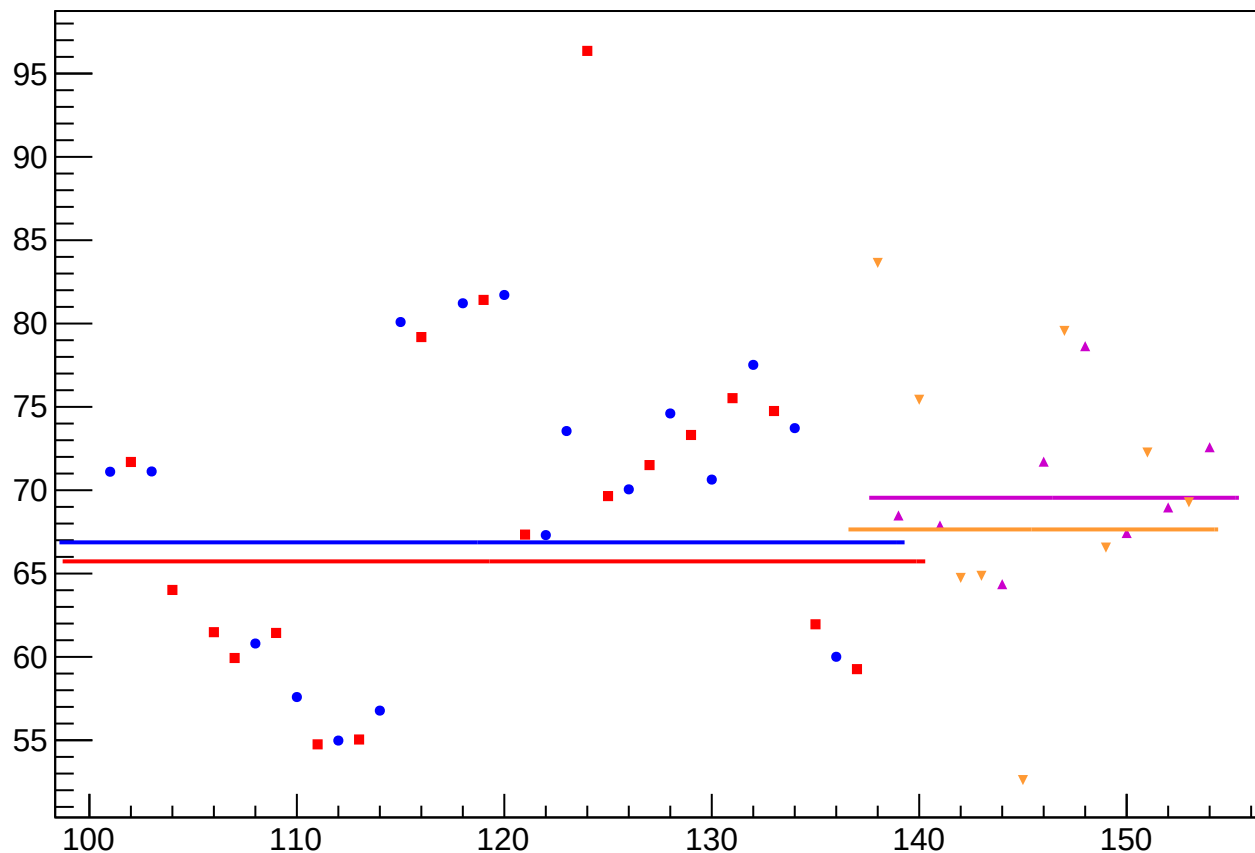
Right: -11.642 $\pm$ 18.082 χ^2/NDF : 28.1/34

In: 16.341 $\pm$ 18.775 χ^2/NDF :17.9/24

Out: 5.471 $\pm$ 18.216 χ^2/NDF :34.6/26

All: 10.741 $\pm$ 13.074 χ^2/NDF : 52.6/51

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 67.647 $\pm$ 0.019 χ^2 /NDF:242371.3/8

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 69.548 $\pm$ 0.019 χ^2 /NDF:39997.8/7

Left: 68.575 $\pm$ 0.013 χ^2 /NDF: 287408.5/16

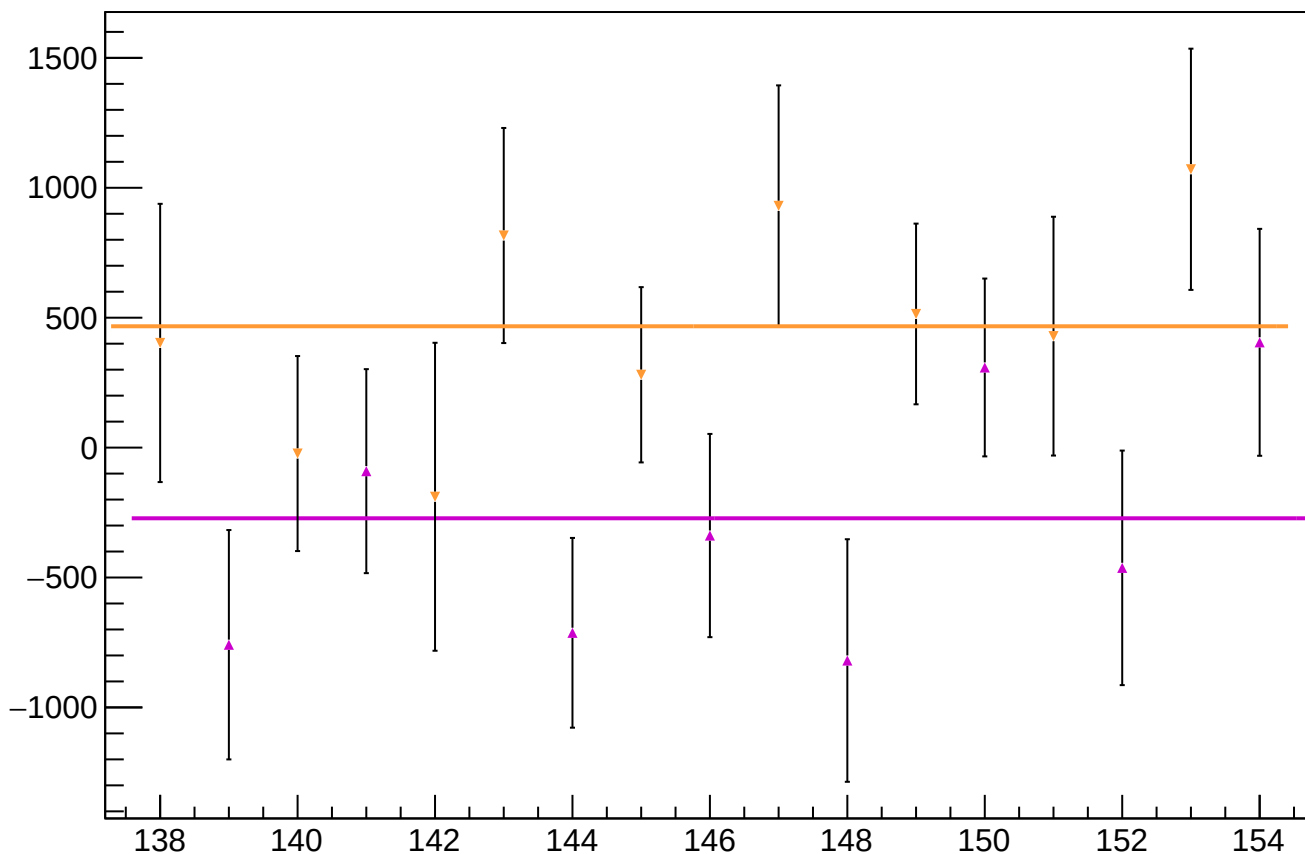
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 68.158 $\pm$ 0.013 χ^2 /NDF:252651.3/24

Out: 66.639 $\pm$ 0.013 χ^2 /NDF:466759.0/26

All: 67.376 $\pm$ 0.009 χ^2 /NDF: 726156.1/51

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 466.954+/-140.925 χ^2/NDF :6.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -272.071+/-142.952 χ^2/NDF :9.8/7

Left: 102.717+/-100.358 χ^2/NDF : 30.0/16

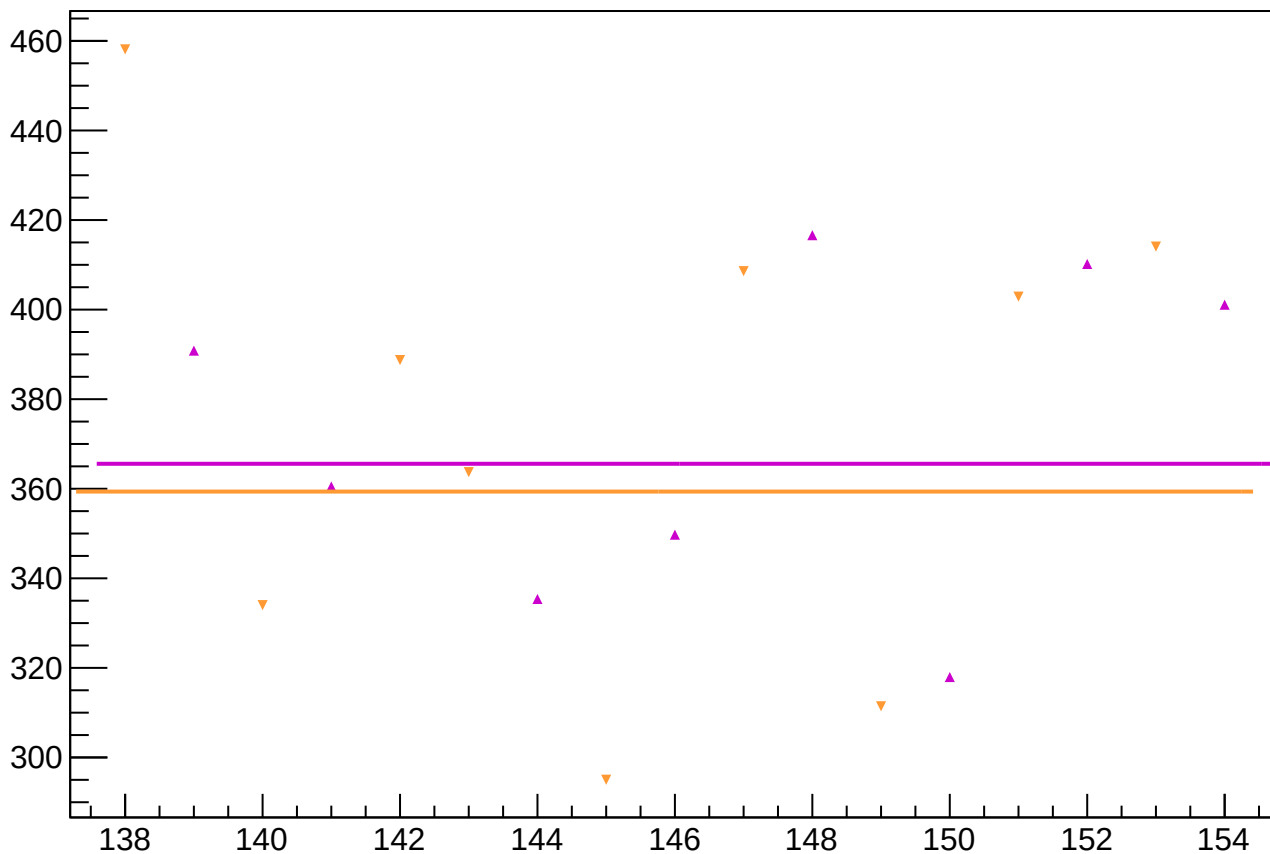
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -272.071+/-142.952 χ^2/NDF :9.8/7

Out: 466.954+/-140.925 χ^2/NDF :6.7/8

All: 102.717+/-100.358 χ^2/NDF : 30.0/16

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 359.369+/-0.100 χ^2/NDF :261309.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 365.574+/-0.101 χ^2/NDF :119241.9/7

Left: 362.427+/-0.071 χ^2/NDF : 382462.0/16

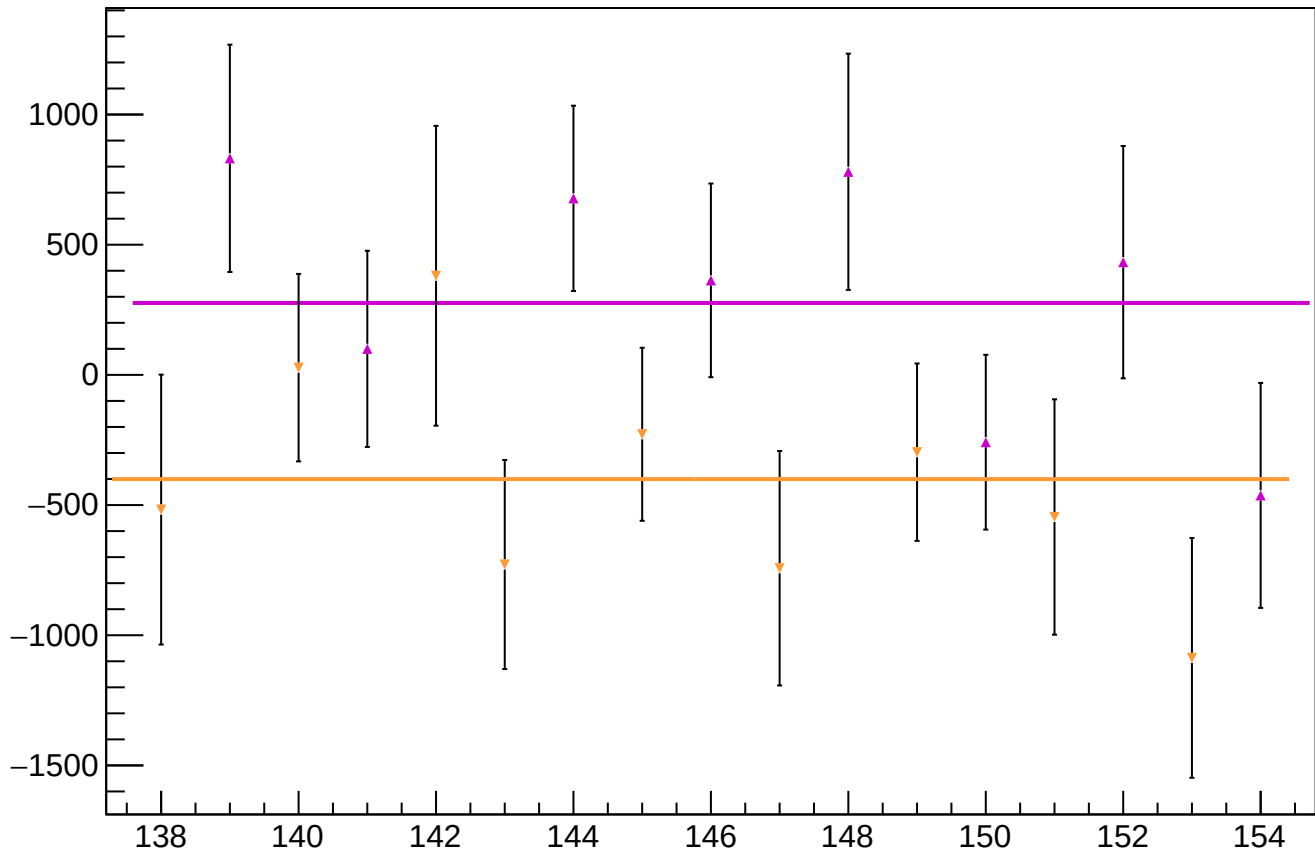
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.574+/-0.101 χ^2/NDF :119241.9/7

Out: 359.369+/-0.100 χ^2/NDF :261309.3/8

All: 362.427+/-0.071 χ^2/NDF : 382462.0/16

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 276.258+/-139.311 χ^2/NDF : 10.0/7

Left: -66.334+/-97.876 χ^2/NDF : 29.2/16

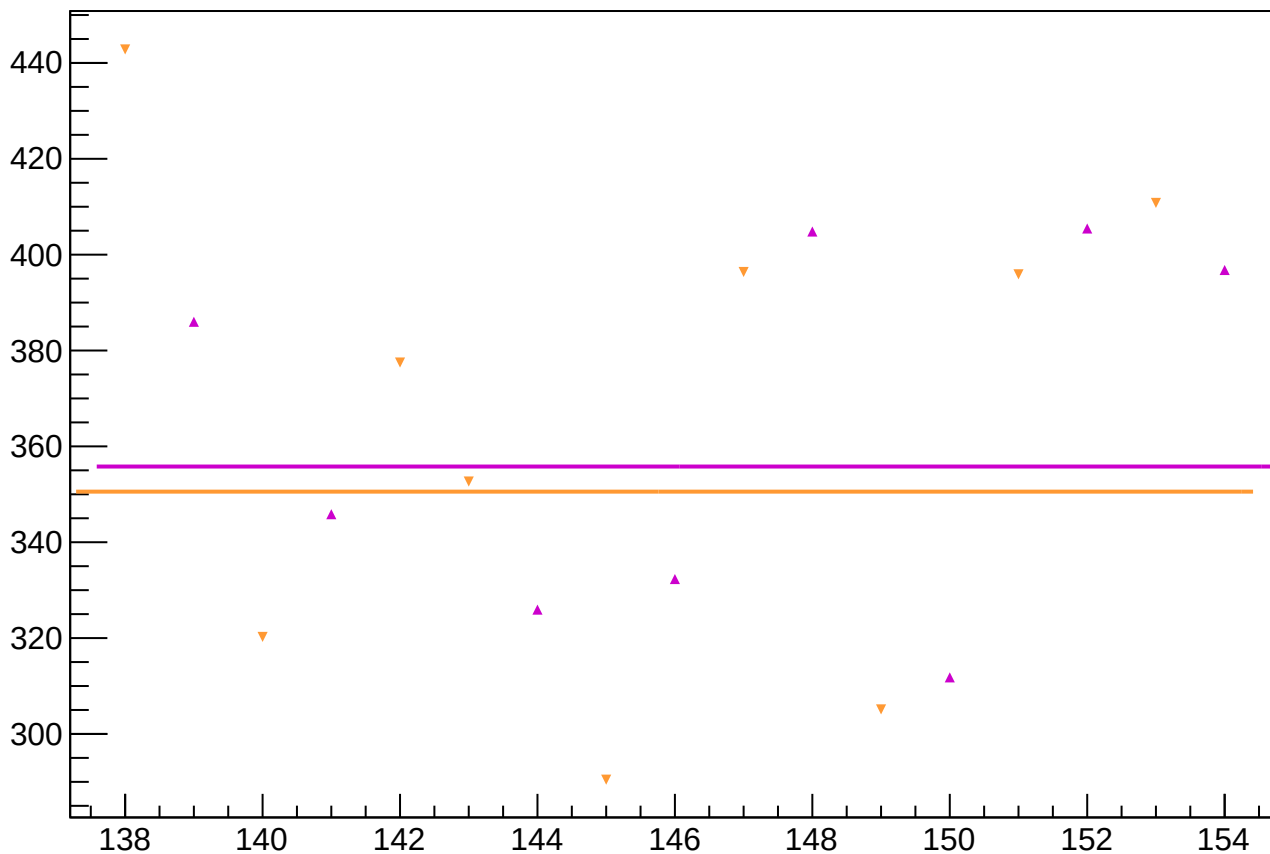
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 276.258+/-139.311 χ^2/NDF : 10.0/7

Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

All: -66.334+/-97.876 χ^2/NDF : 29.2/16

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 355.794+/-0.099 χ^2/NDF :133512.1/7

Left: 353.142+/-0.069 χ^2/NDF : 392933.9/16

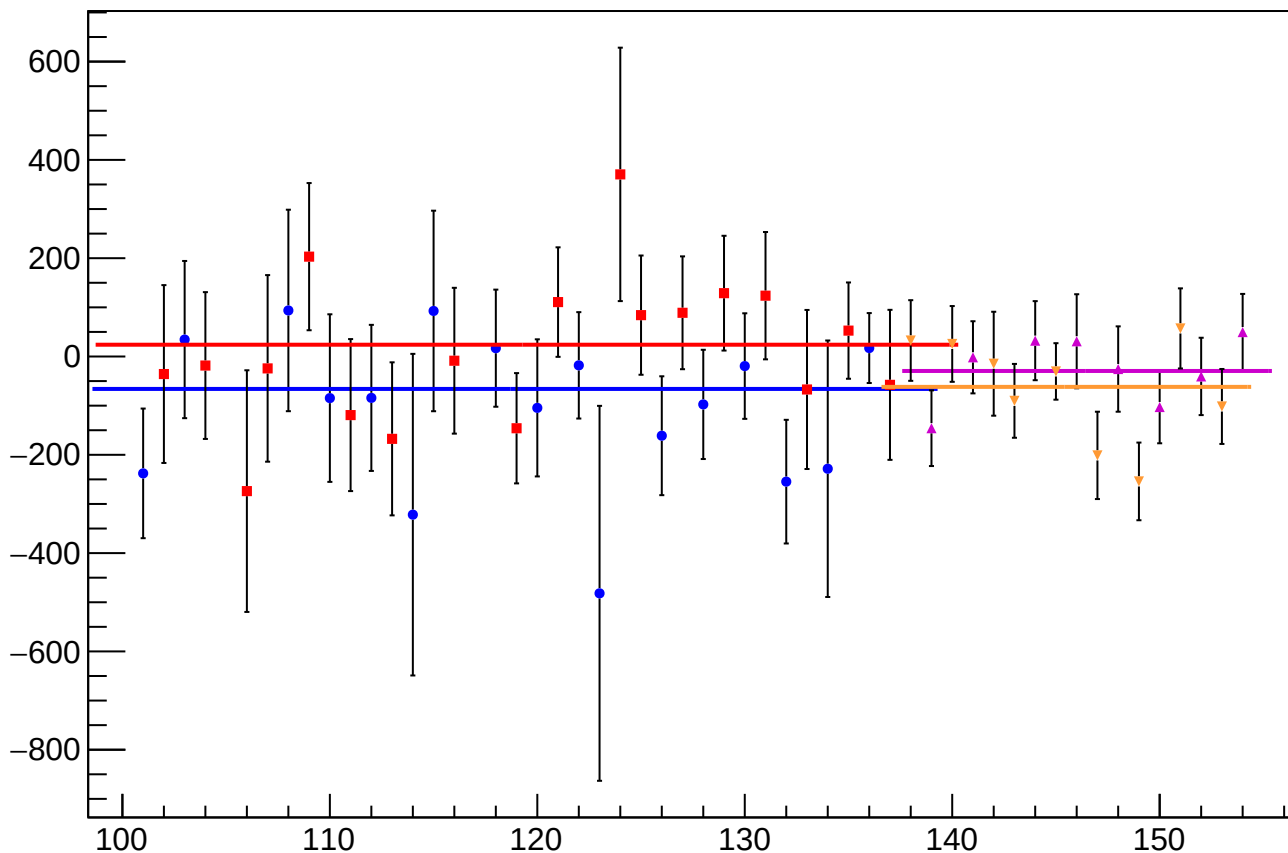
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.794+/-0.099 χ^2/NDF :133512.1/7

Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

All: 353.142+/-0.069 χ^2/NDF : 392933.9/16

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -61.794 ± 25.856 χ^2/NDF : 14.0/8

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -29.432 ± 28.151 χ^2/NDF : 5.5/7

Left: -46.986 ± 19.043 χ^2/NDF : 20.2/16

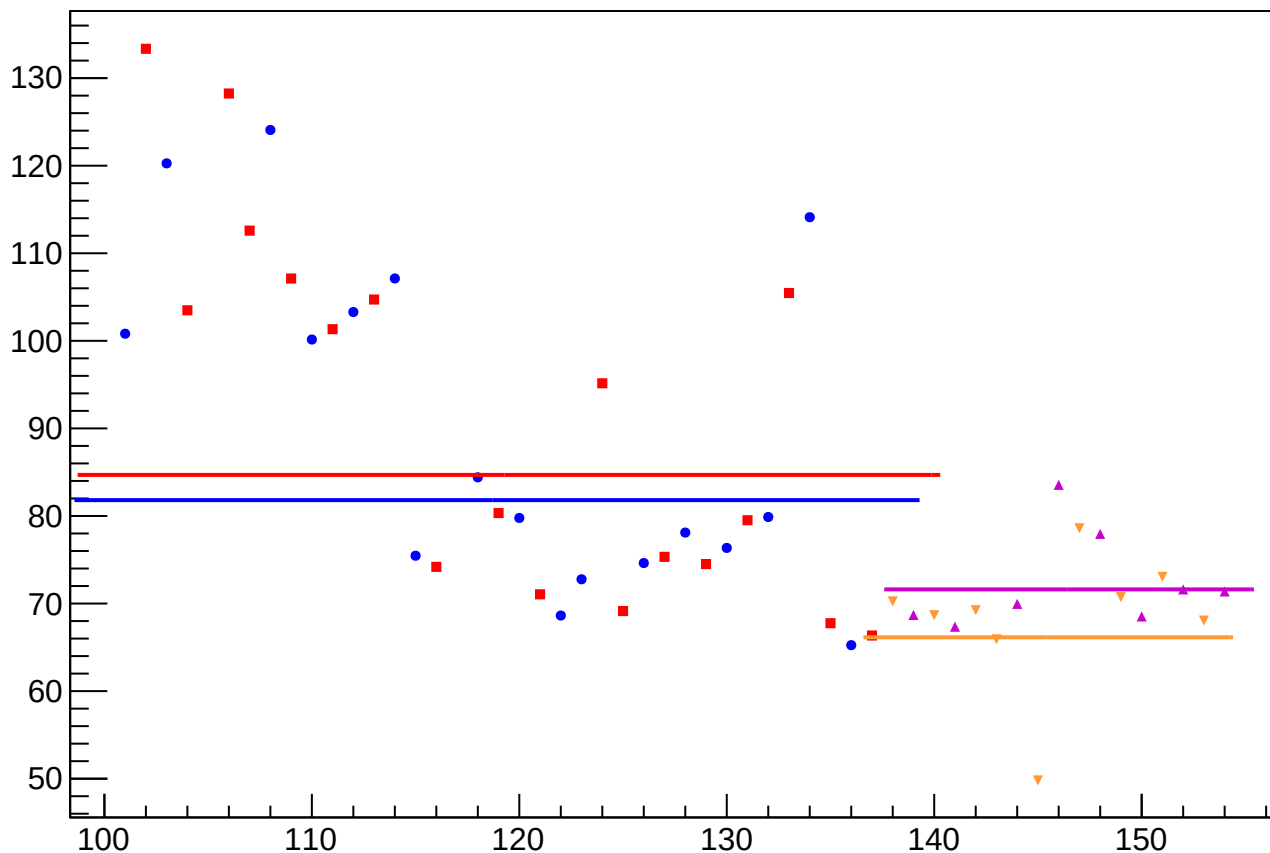
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -45.213 ± 21.219 χ^2/NDF : 17.0/24

Out: -28.908 ± 20.303 χ^2/NDF : 31.2/26

All: -36.701 ± 14.670 χ^2/NDF : 48.5/51

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 66.144 $\pm$ 0.018 χ^2/NDF : 232299.2/8

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 71.615 $\pm$ 0.020 χ^2/NDF : 55778.6/7

Left: 68.647 $\pm$ 0.013 χ^2/NDF : 329053.2/16

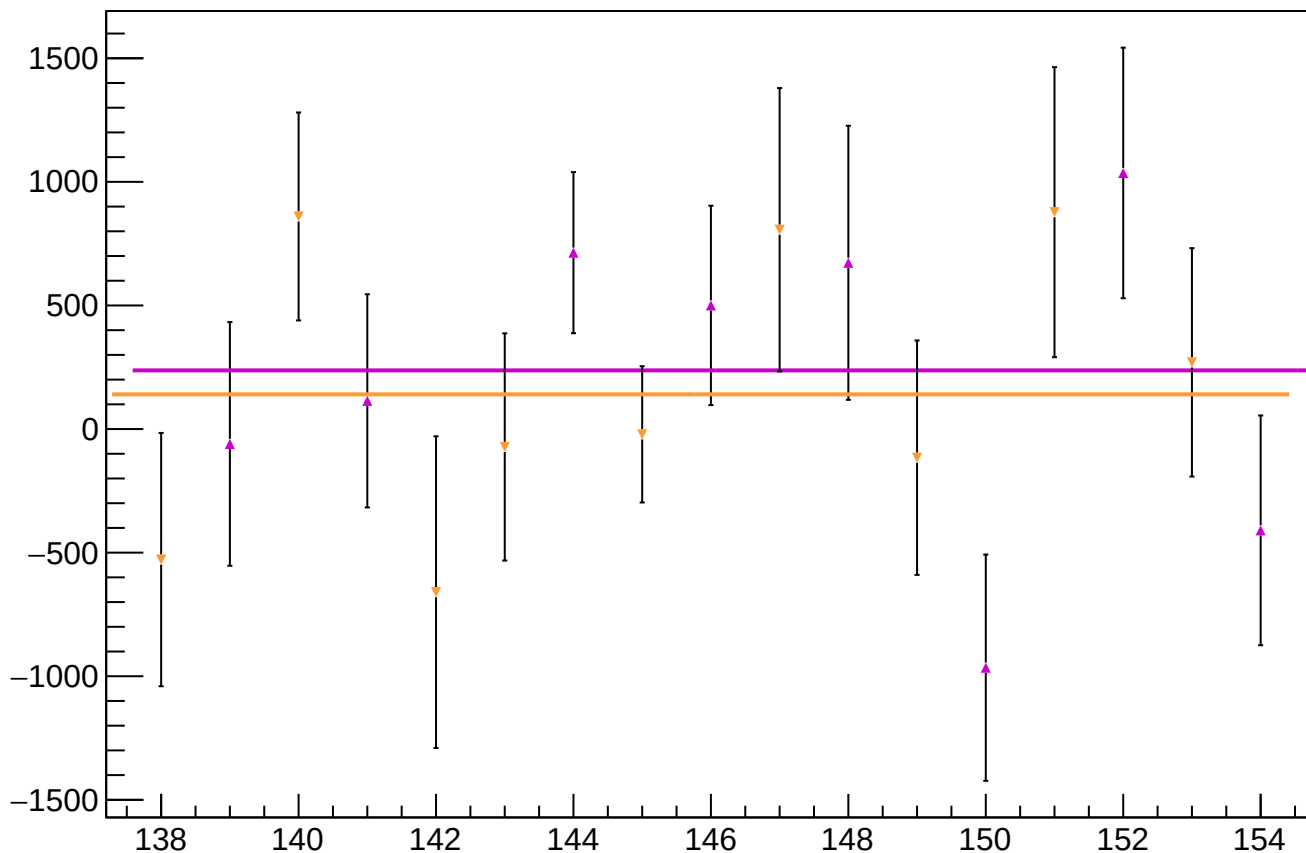
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 76.017 $\pm$ 0.015 χ^2/NDF : 676223.9/24

Out: 73.255 $\pm$ 0.014 χ^2/NDF : 1242770.2/26

All: 74.575 $\pm$ 0.010 χ^2/NDF : 1936687.9/51

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.459+/-149.139 χ^2/NDF :10.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 237.338+/-155.030 χ^2/NDF :15.0/7

Left: 187.023+/-107.480 χ^2/NDF : 25.3/16

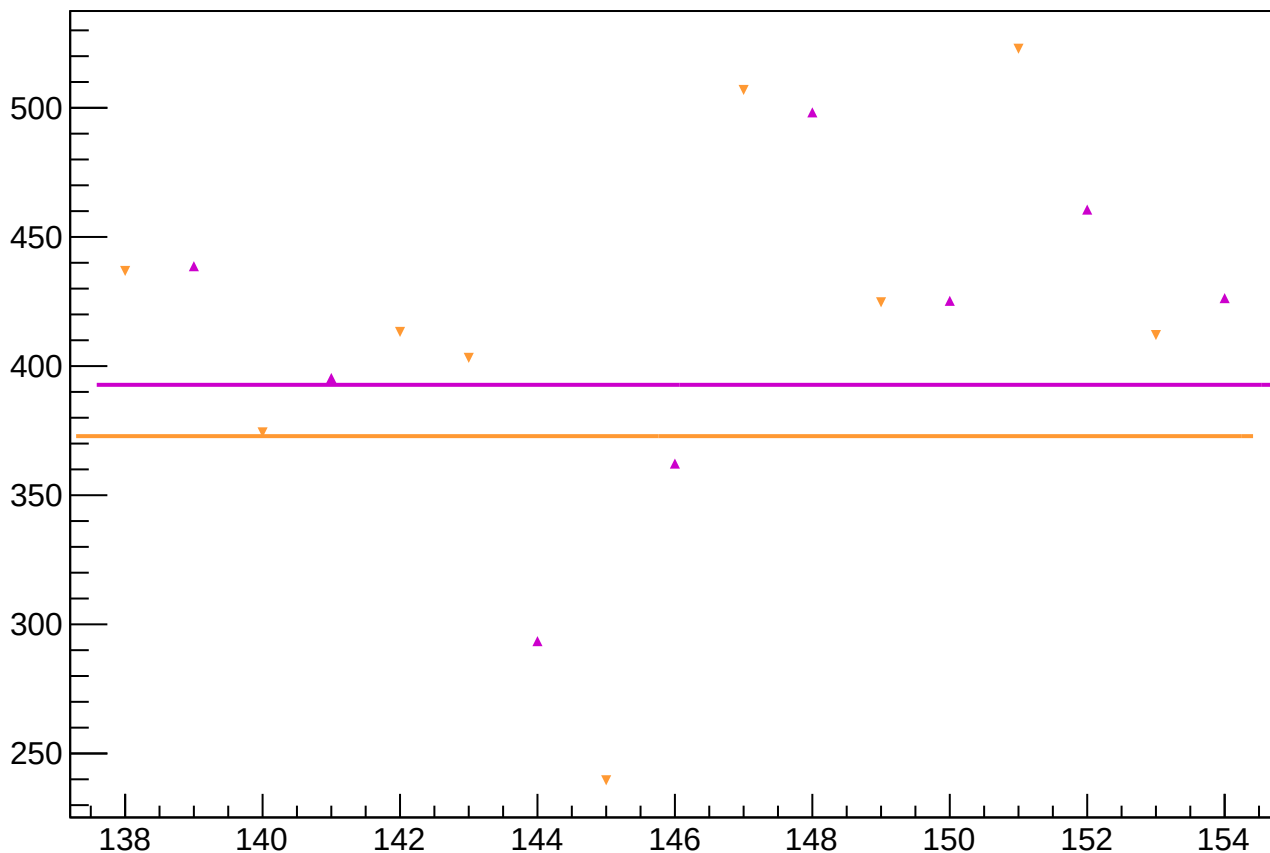
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 237.338+/-155.030 χ^2/NDF :15.0/7

Out: 140.459+/-149.139 χ^2/NDF :10.1/8

All: 187.023+/-107.480 χ^2/NDF : 25.3/16

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 372.874+/-0.105 χ^2/NDF : 794061.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 392.745+/-0.110 χ^2/NDF : 343091.1/7

Left: 382.425+/-0.076 χ^2/NDF : 1154217.4/16

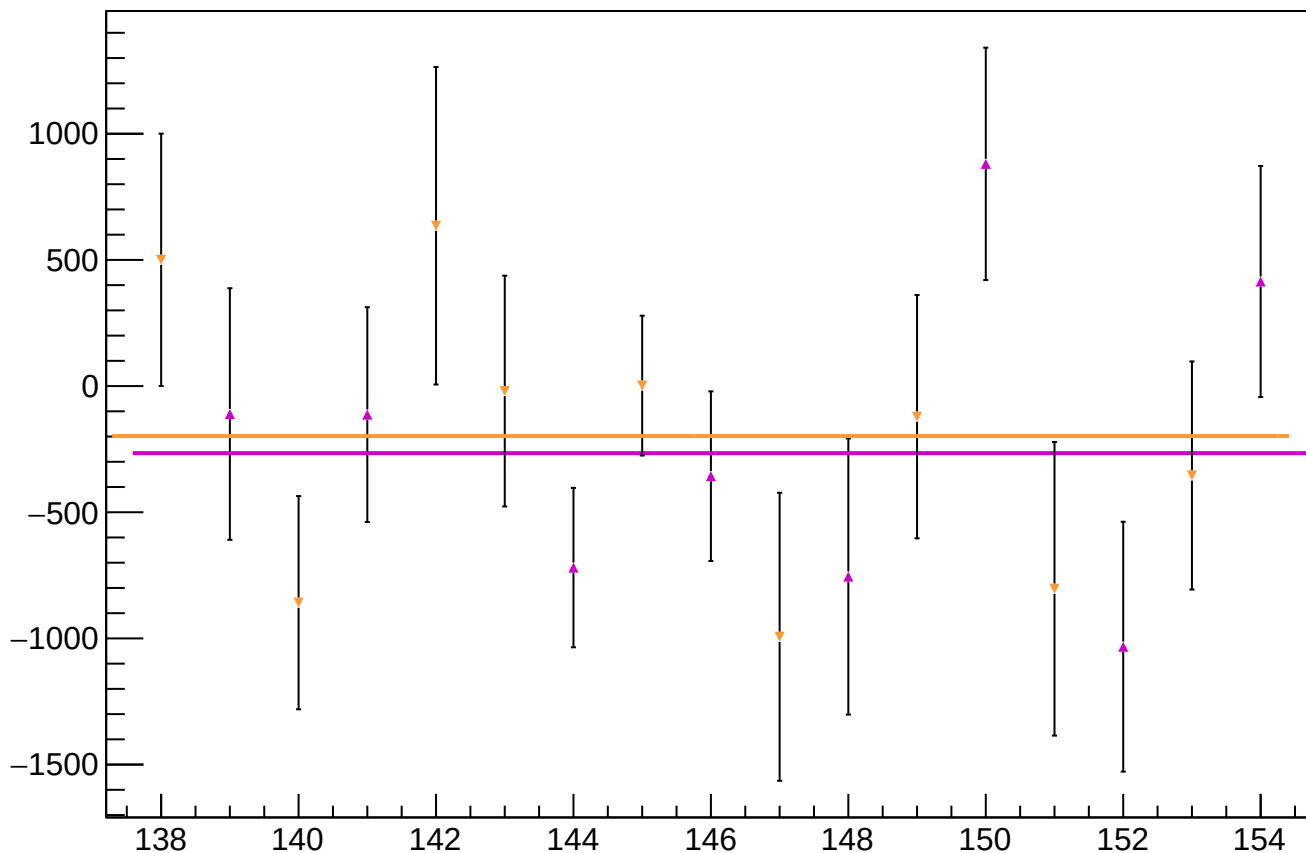
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 392.745+/-0.110 χ^2/NDF : 343091.1/7

Out: 372.874+/-0.105 χ^2/NDF : 794061.3/8

All: 382.425+/-0.076 χ^2/NDF : 1154217.4/16

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -198.198+/-148.817 χ^2/NDF :10.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -265.698+/-148.535 χ^2/NDF :14.0/7

Left: -232.012+/-105.130 χ^2/NDF : 24.1/16

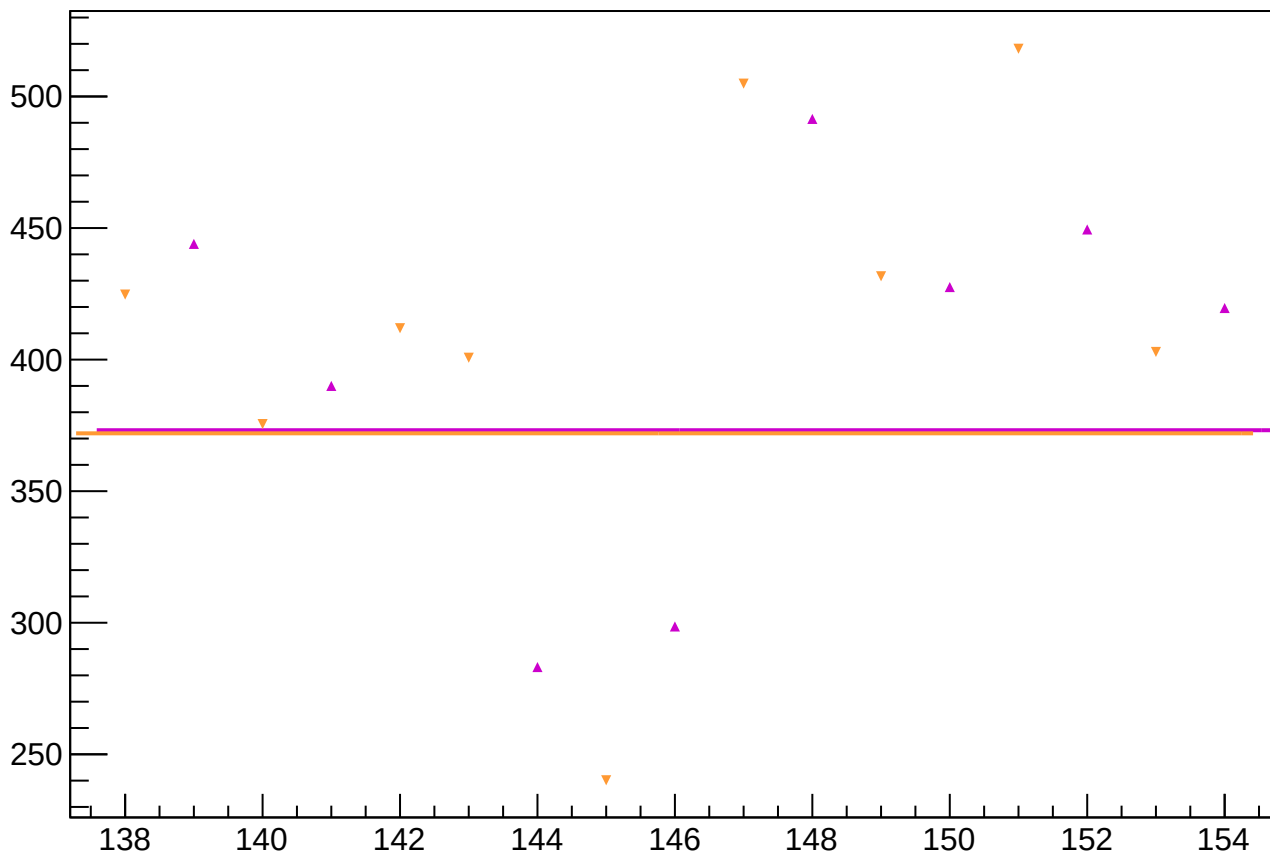
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.698+/-148.535 χ^2/NDF :14.0/7

Out: -198.198+/-148.817 χ^2/NDF :10.0/8

All: -232.012+/-105.130 χ^2/NDF : 24.1/16

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 373.165+/-0.105 χ^2/NDF : 493861.9/7

Left: 372.575+/-0.074 χ^2/NDF : 1259709.1/16

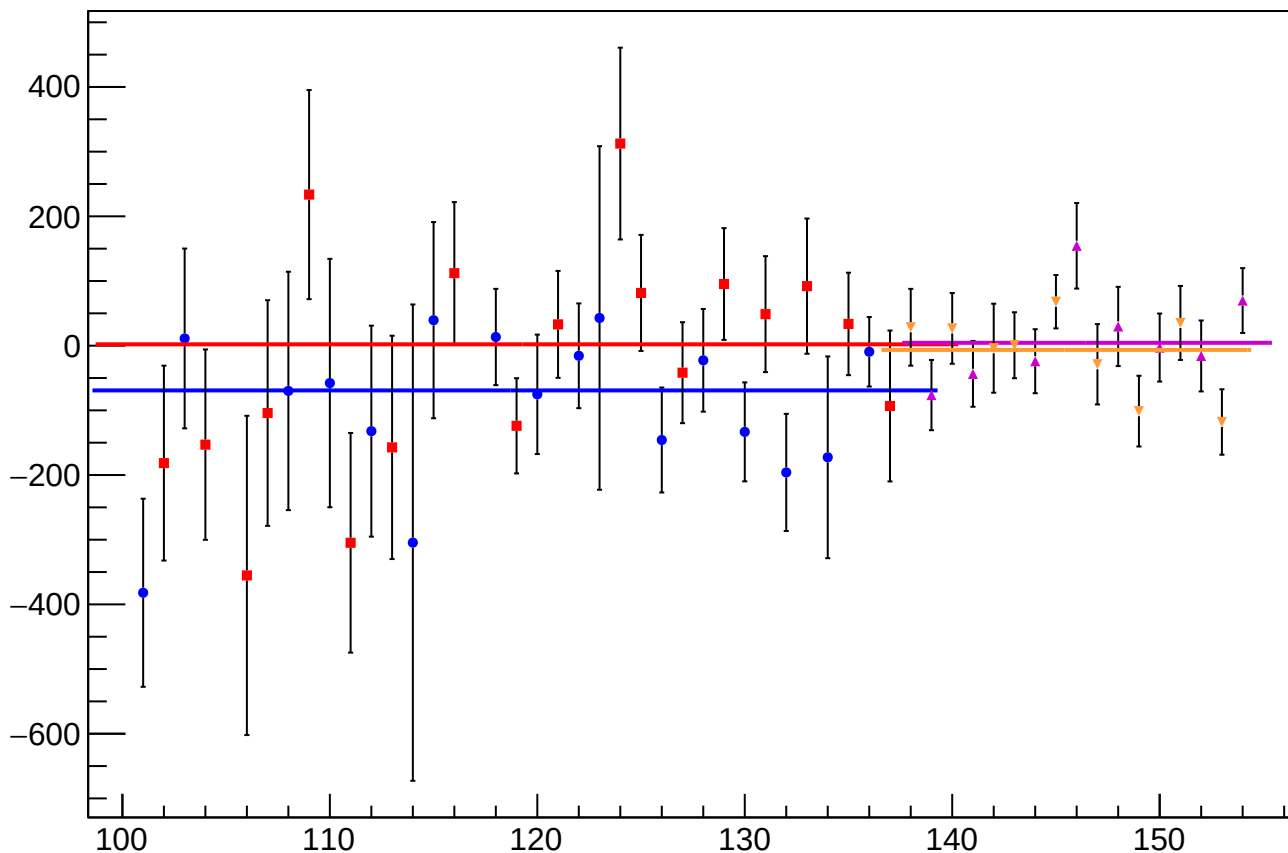
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.165+/-0.105 χ^2/NDF : 493861.9/7

Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

All: 372.575+/-0.074 χ^2/NDF : 1259709.1/16

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: -6.557 ± 17.987 χ^2/NDF : 12.5/8

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 4.430 ± 19.170 χ^2/NDF : 10.6/7

Left: -1.413 ± 13.117 χ^2/NDF : 23.3/16

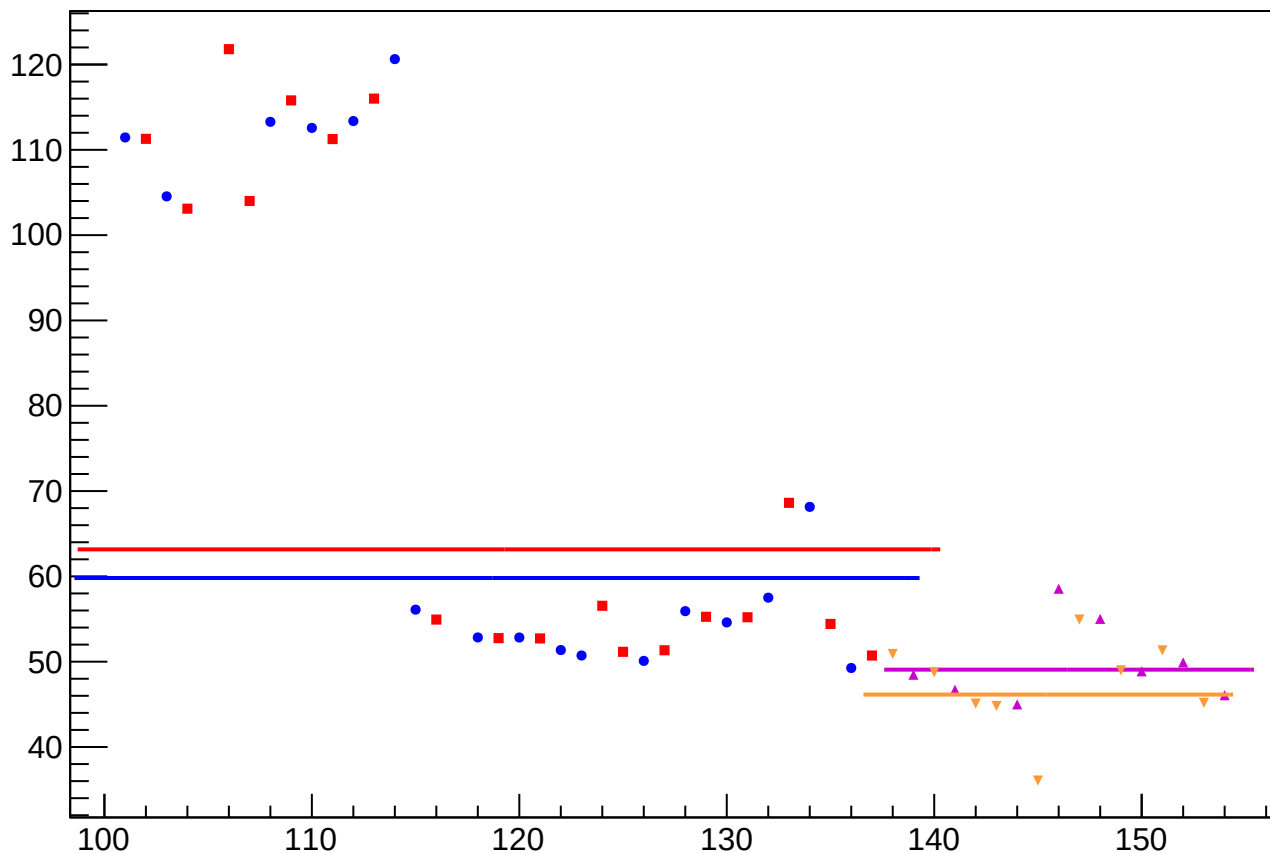
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -23.868 ± 15.041 χ^2/NDF : 29.7/24

Out: -3.639 ± 14.638 χ^2/NDF : 36.4/26

All: -13.479 ± 10.490 χ^2/NDF : 67.0/51

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.145 $\pm$ 0.013 χ^2/NDF : 201268.4/8

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 49.065 $\pm$ 0.014 χ^2/NDF : 85758.8/7

Left: 47.512 $\pm$ 0.009 χ^2/NDF : 311712.7/16

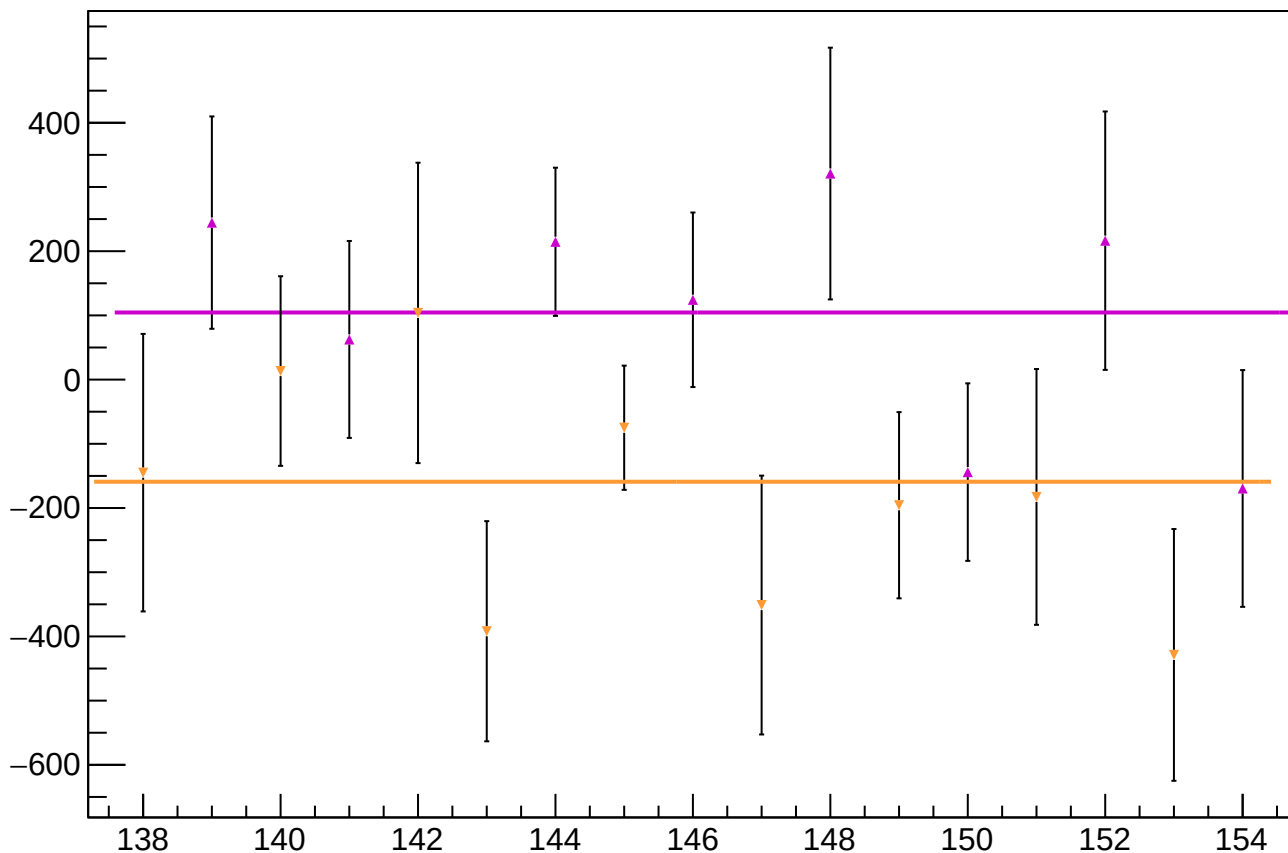
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 53.195 $\pm$ 0.011 χ^2/NDF : 1557202.9/24

Out: 51.894 $\pm$ 0.010 χ^2/NDF : 2193445.4/26

All: 52.527 $\pm$ 0.007 χ^2/NDF : 3758336.1/51

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -159.061+/-53.467 χ^2/NDF : 8.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 104.519+/-54.172 χ^2/NDF : 8.7/7

Left: -28.997+/-38.054 χ^2/NDF : 28.8/16

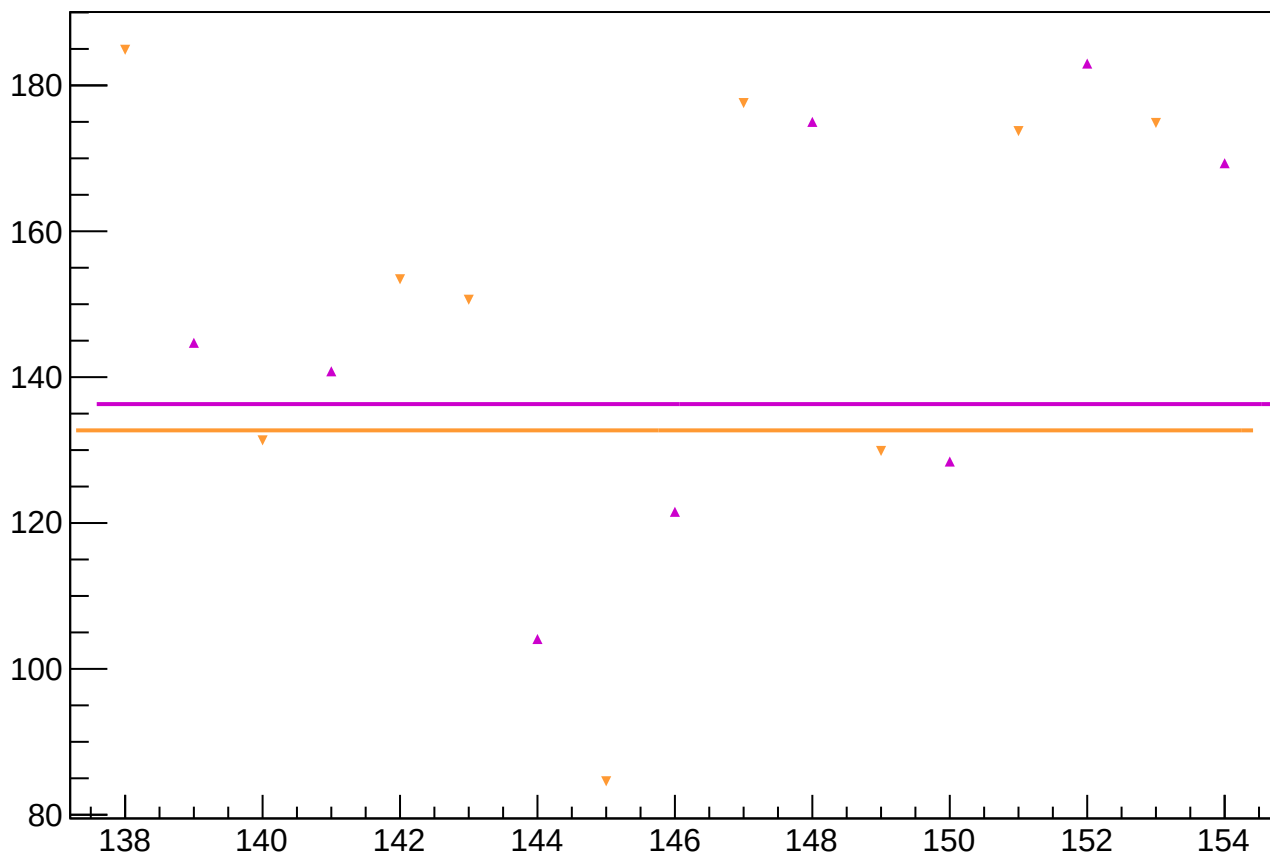
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.519+/-54.172 χ^2/NDF : 8.7/7

Out: -159.061+/-53.467 χ^2/NDF : 8.1/8

All: -28.997+/-38.054 χ^2/NDF : 28.8/16

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.703+/-0.038 χ^2/NDF : 926235.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 136.305+/-0.038 χ^2/NDF : 442531.5/7

Left: 134.481+/-0.027 χ^2/NDF : 1373244.3/16

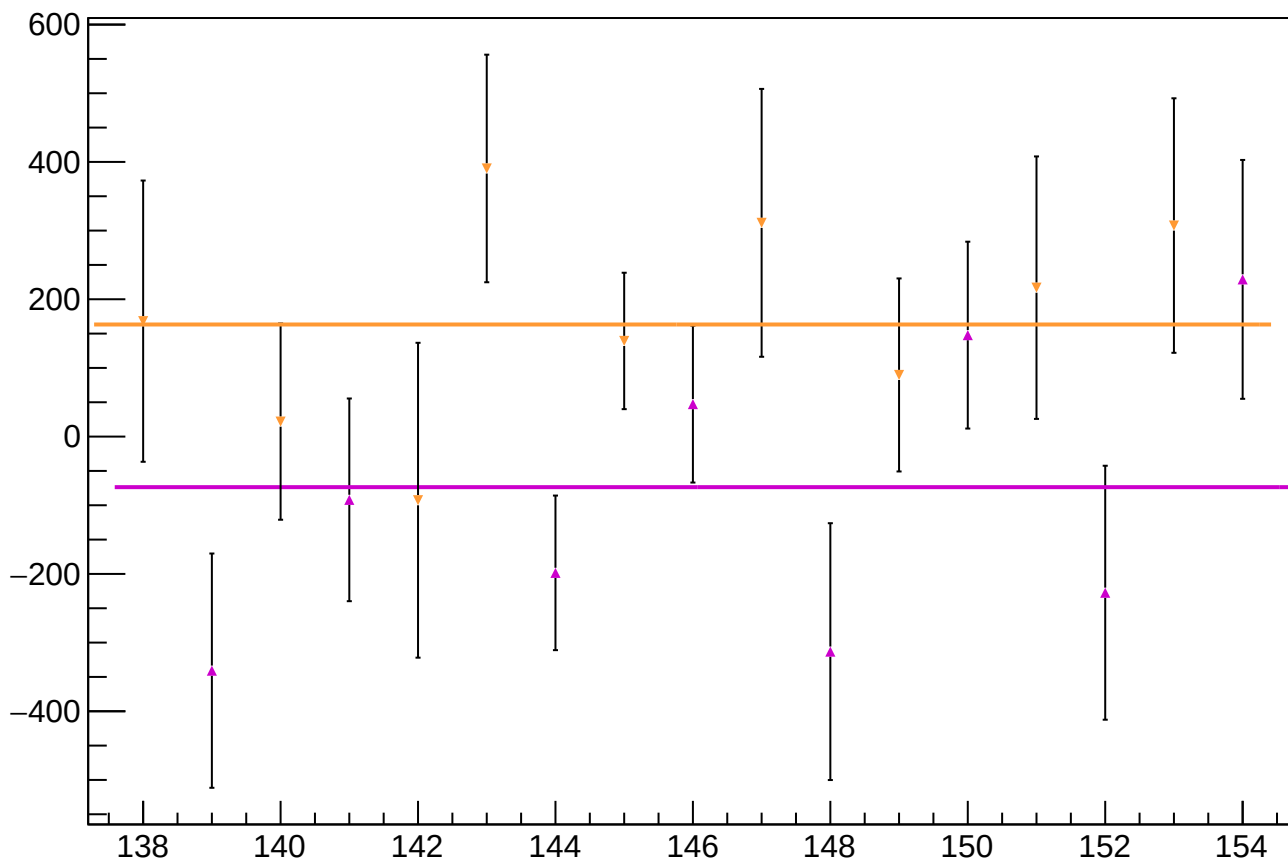
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.305+/-0.038 χ^2/NDF : 442531.5/7

Out: 132.703+/-0.038 χ^2/NDF : 926235.2/8

All: 134.481+/-0.027 χ^2/NDF : 1373244.3/16

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.636+/-51.250 χ^2/NDF : 12.8/7

Left: 41.985+/-36.668 χ^2/NDF : 28.9/16

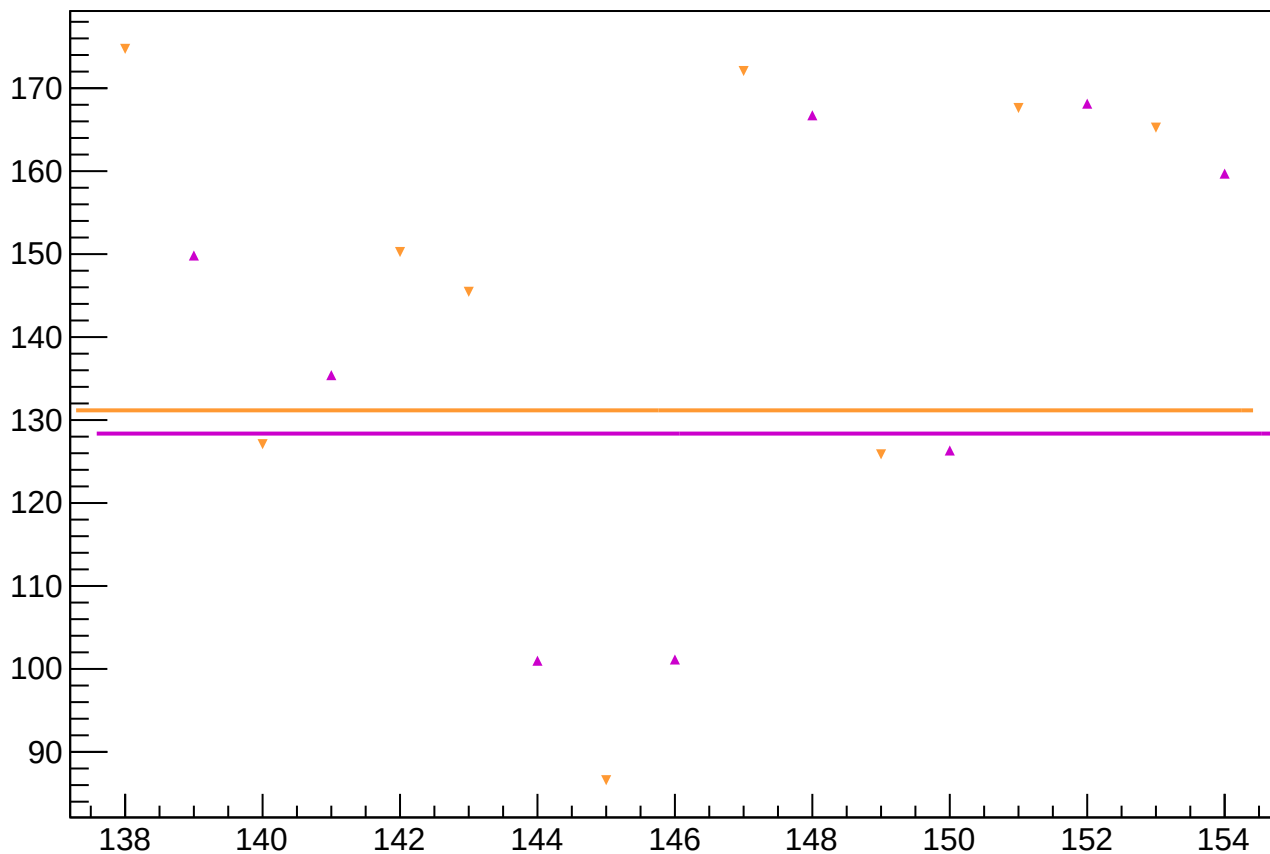
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.636+/-51.250 χ^2/NDF : 12.8/7

Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

All: 41.985+/-36.668 χ^2/NDF : 28.9/16

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.368+/-0.036 χ^2/NDF : 510156.4/7

Left: 129.735+/-0.026 χ^2/NDF : 1267976.1/16

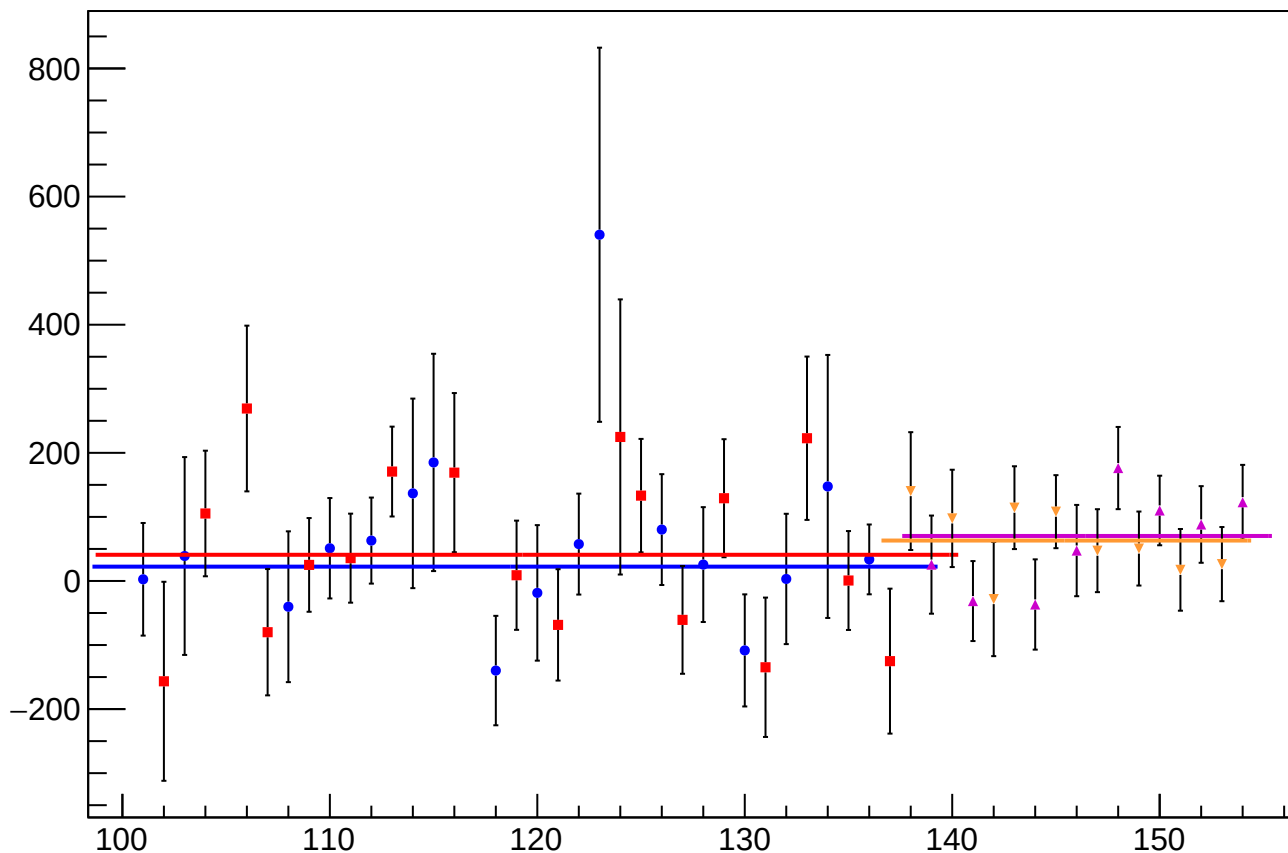
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.368+/-0.036 χ^2/NDF : 510156.4/7

Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

All: 129.735+/-0.026 χ^2/NDF : 1267976.1/16

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 63.099 $\pm$ 22.101 χ^2 /NDF: 4.2/8

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 70.245 $\pm$ 22.466 χ^2 /NDF: 9.6/7

Left: 66.614 $\pm$ 15.755 χ^2 /NDF: 13.9/16

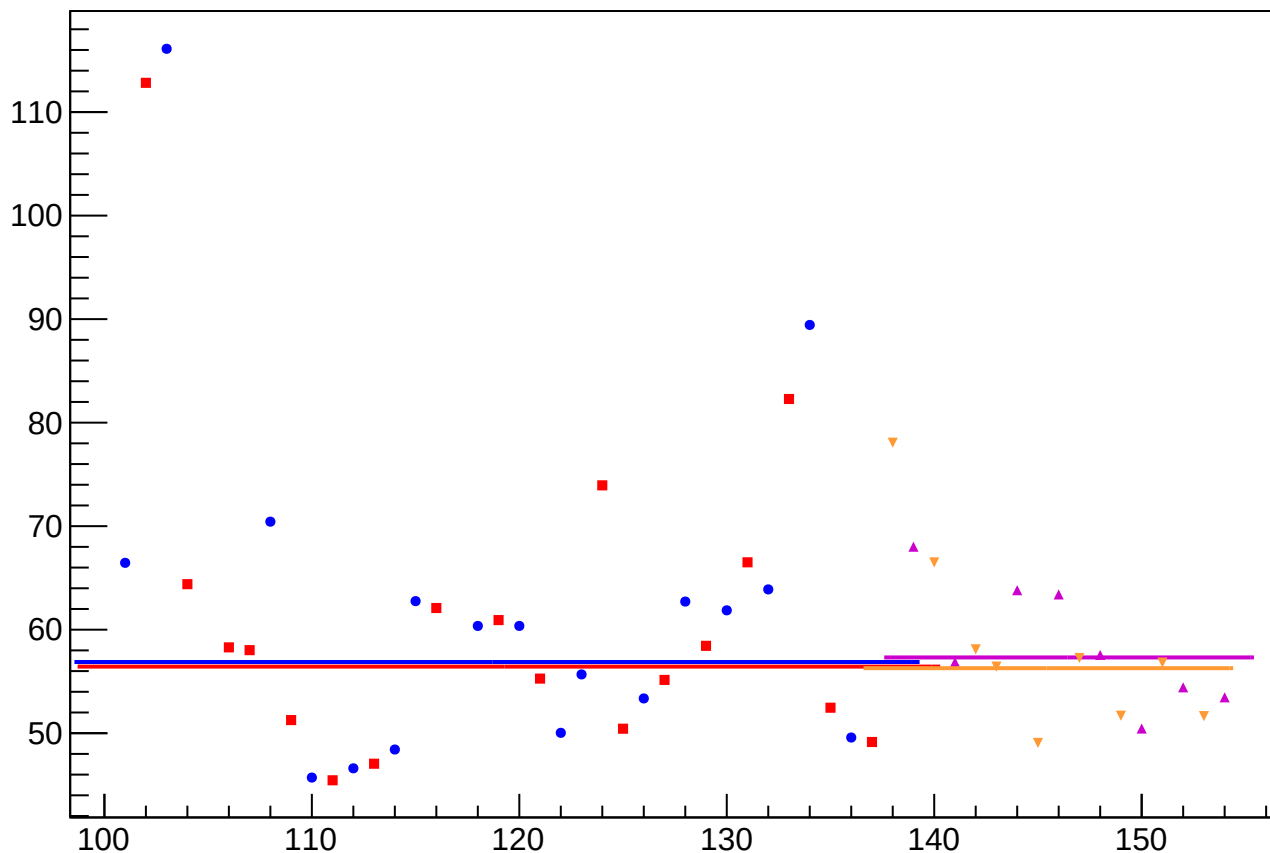
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 46.471 $\pm$ 15.942 χ^2 /NDF: 24.4/24

Out: 52.001 $\pm$ 15.640 χ^2 /NDF: 29.0/26

All: 49.289 $\pm$ 11.164 χ^2 /NDF: 53.4/51

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 56.281 $\pm$ 0.016 χ^2 /NDF: 207325.0/8

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 57.320 $\pm$ 0.016 χ^2 /NDF: 116118.1/7

Left: 56.792 $\pm$ 0.011 χ^2 /NDF: 325614.9/16

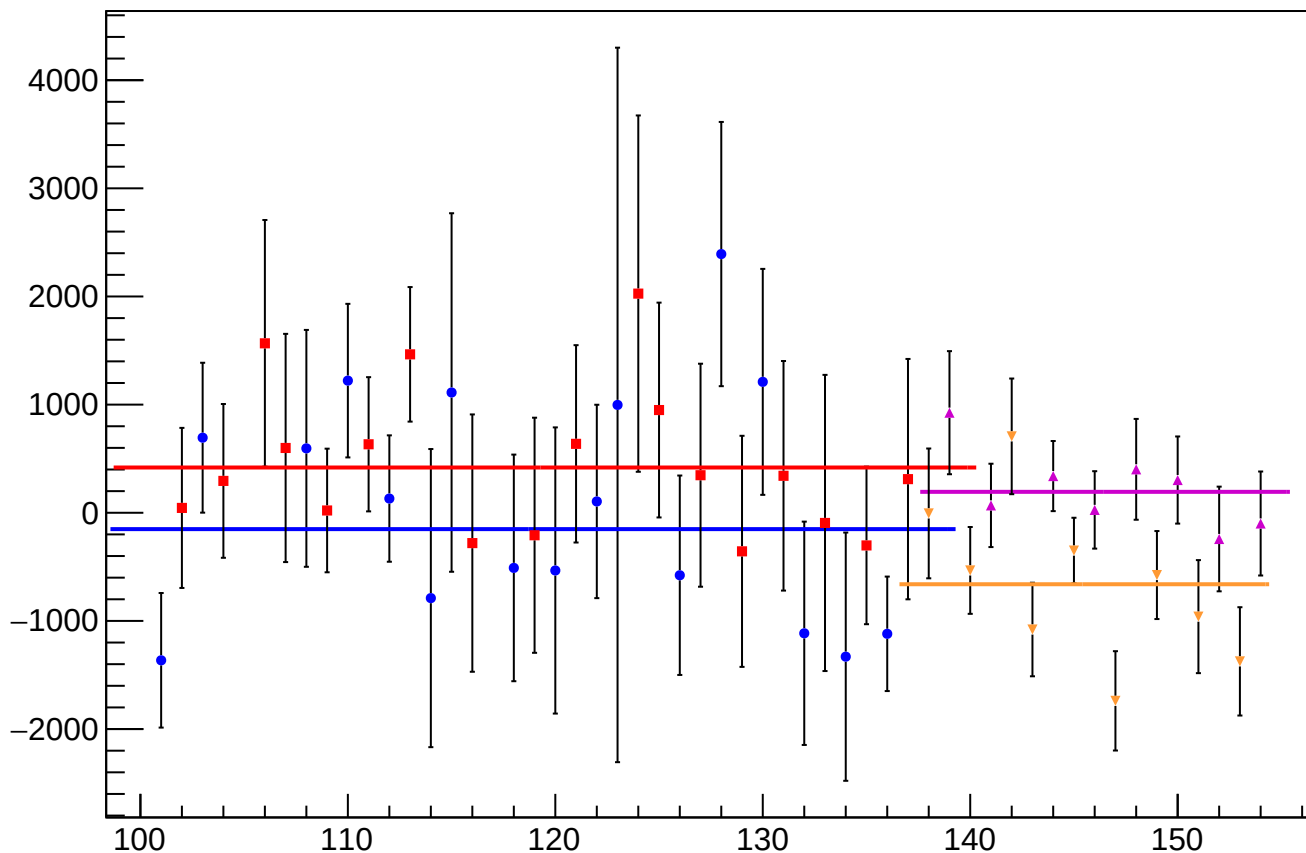
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.101 $\pm$ 0.011 χ^2 /NDF: 691987.8/24

Out: 56.358 $\pm$ 0.011 χ^2 /NDF: 727829.6/26

All: 56.722 $\pm$ 0.008 χ^2 /NDF: 1422032.8/51

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -660.871 $\pm$ 145.687 χ^2 /NDF:17.7/8

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 193.553 $\pm$ 146.651 χ^2 /NDF:3.6/7

Left: -236.476 $\pm$ 103.356 χ^2 /NDF: 38.4/16

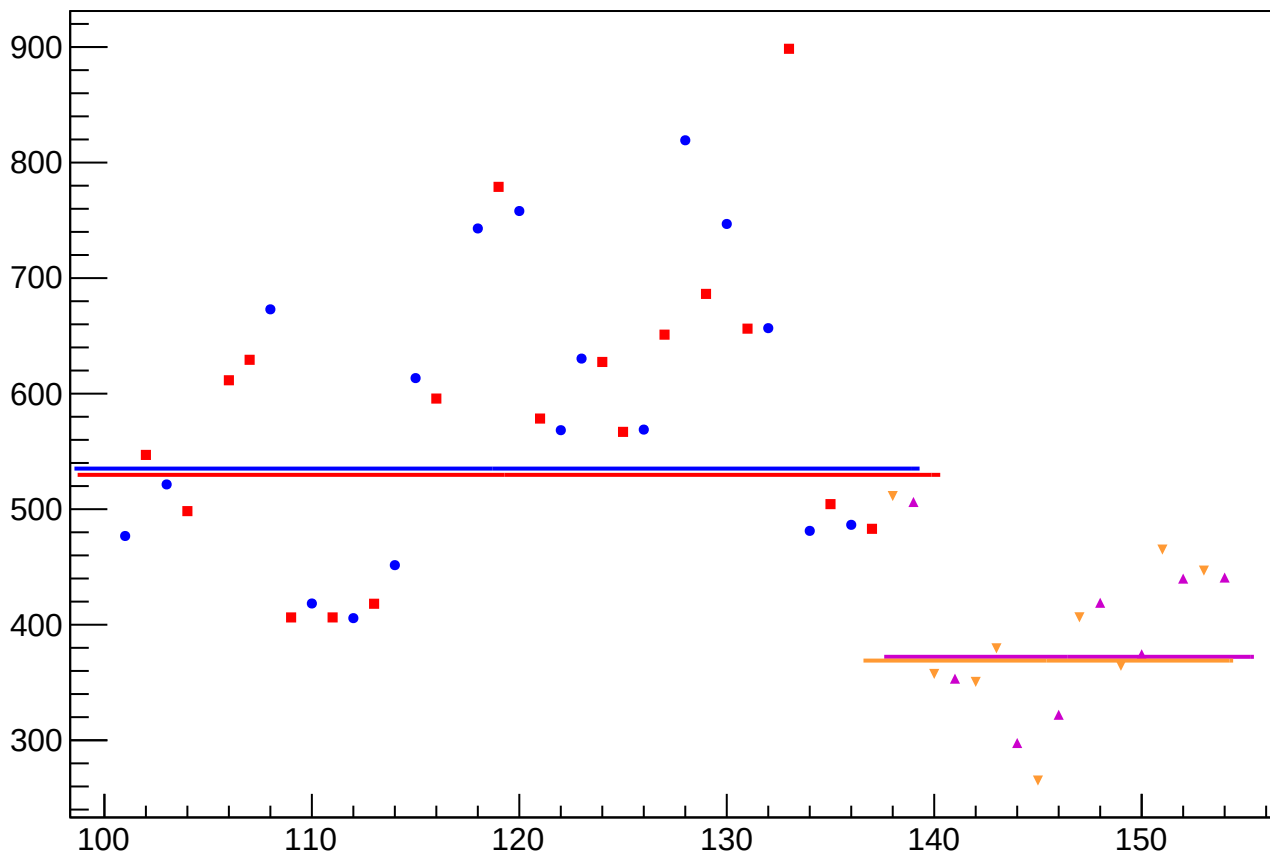
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 82.295 $\pm$ 120.689 χ^2 /NDF:27.9/24

Out: -298.791 $\pm$ 118.765 χ^2 /NDF:44.5/26

All: -111.310 $\pm$ 84.652 χ^2 /NDF: 77.5/51

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 368.965 $\pm$ 0.103 χ^2 /NDF: 481619.8/8

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 372.233 $\pm$ 0.104 χ^2 /NDF: 360905.8/7

Left: 370.589 $\pm$ 0.073 χ^2 /NDF: 843025.5/16

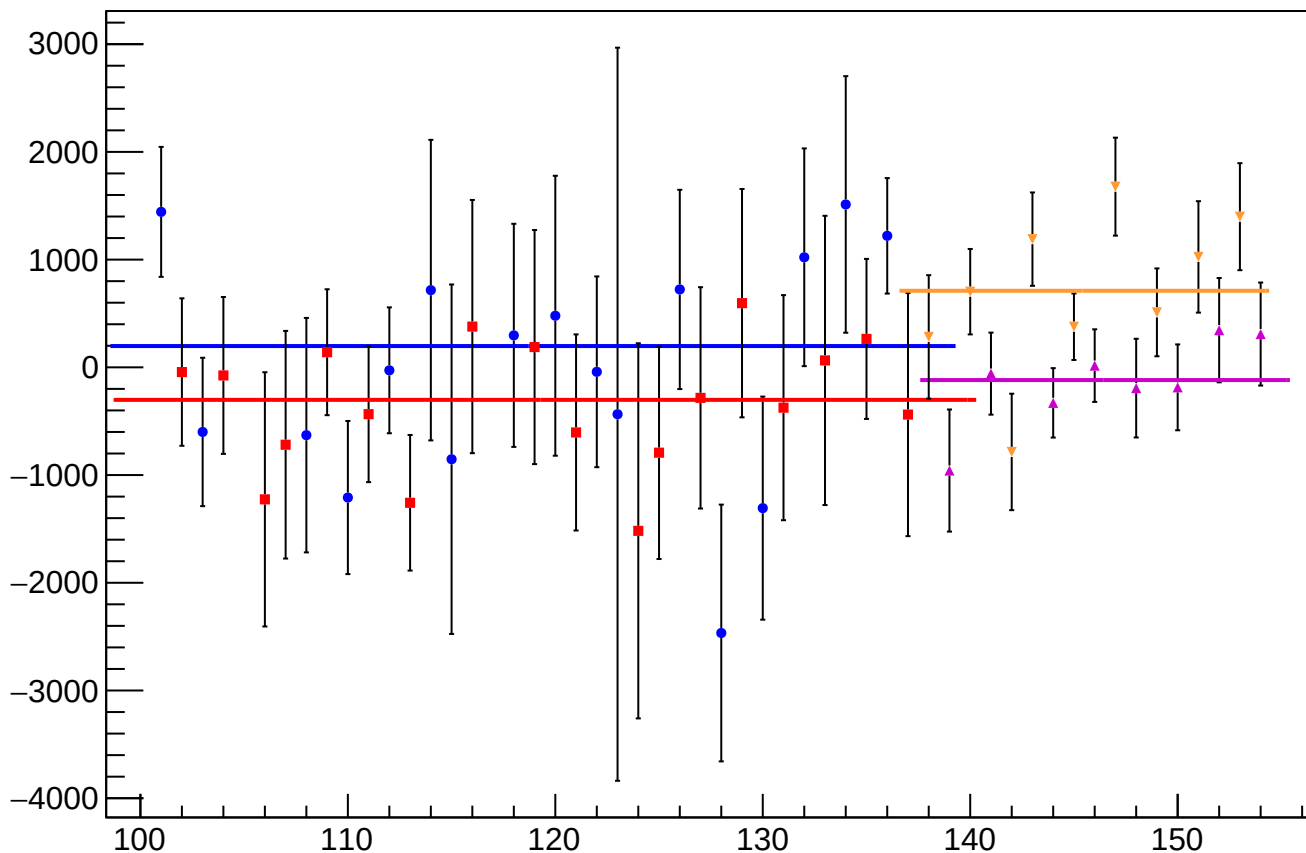
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 424.807 $\pm$ 0.085 χ^2 /NDF: 1753433.0/24

Out: 422.888 $\pm$ 0.084 χ^2 /NDF: 1945161.0/26

All: 423.832 $\pm$ 0.060 χ^2 /NDF: 3698850.6/51

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 710.763 $\pm$ 145.414 χ^2 /NDF:17.7/8

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -118.092 $\pm$ 144.105 χ^2 /NDF:4.6/7

Left: 292.587 $\pm$ 102.357 χ^2 /NDF: 38.6/16

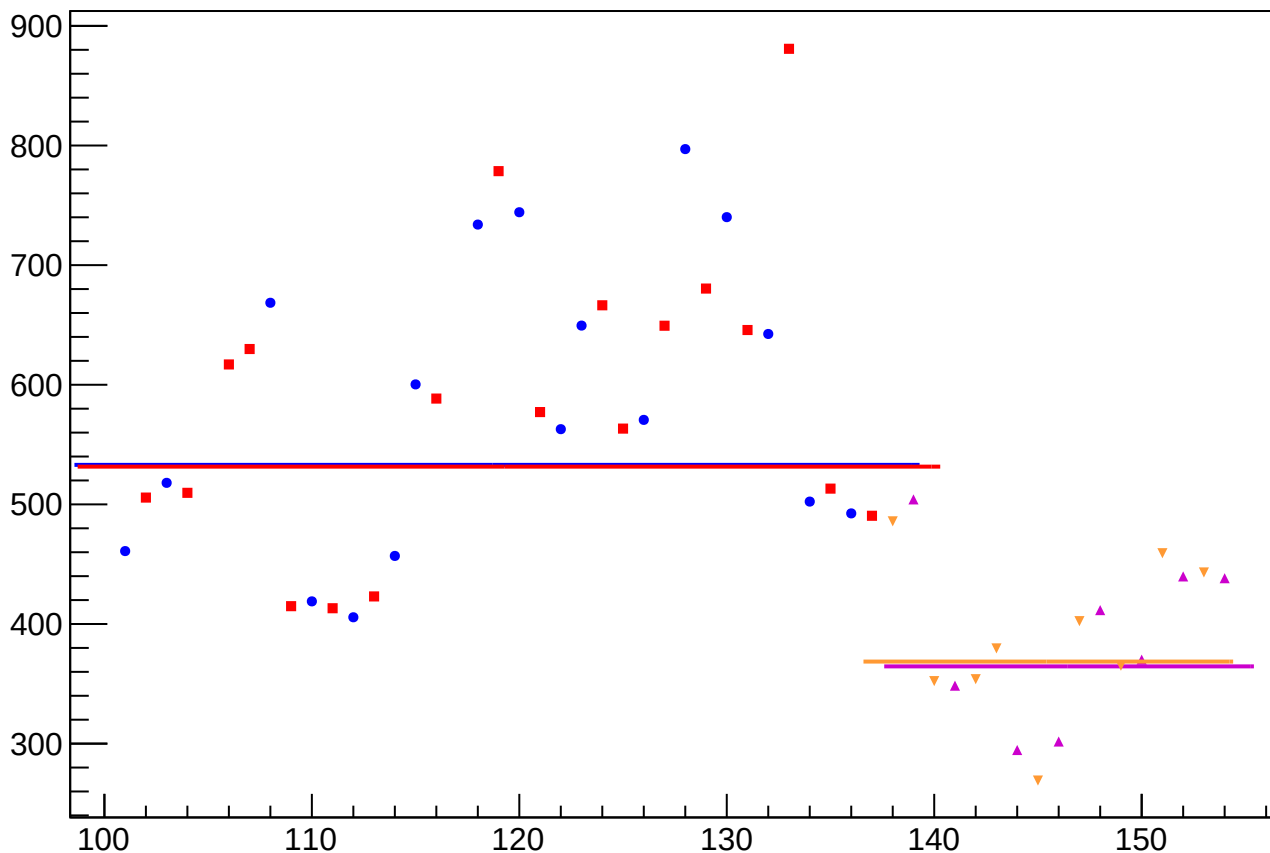
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -18.001 $\pm$ 119.086 χ^2 /NDF:30.0/24

Out: 373.339 $\pm$ 118.740 χ^2 /NDF:40.5/26

All: 178.238 $\pm$ 84.084 χ^2 /NDF: 76.0/51

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 368.594 $\pm$ 0.103 χ^2/NDF : 415115.9/8

Right Out: 531.559 $\pm$ 0.145 χ^2/NDF : 597920.9/17

Left In: 364.572 $\pm$ 0.102 χ^2/NDF : 405836.6/7

Left: 366.565 $\pm$ 0.072 χ^2/NDF : 821724.5/16

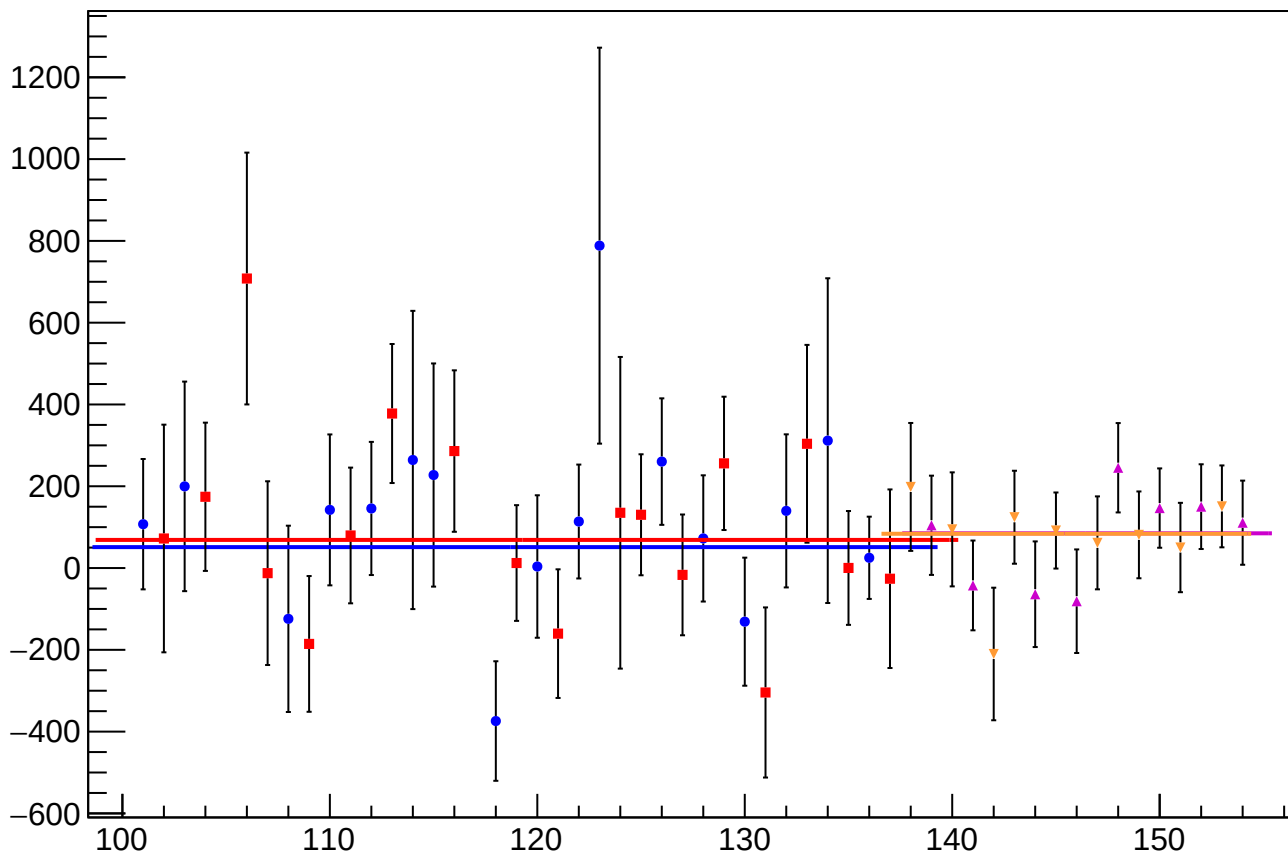
Right: 532.275 $\pm$ 0.104 χ^2/NDF : 1164821.8/34

In: 417.989 $\pm$ 0.084 χ^2/NDF : 1839344.1/24

Out: 422.897 $\pm$ 0.084 χ^2/NDF : 1850058.8/26

All: 420.450 $\pm$ 0.059 χ^2/NDF : 3691106.5/51

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 83.812 $\pm$ 38.545 χ^2 /NDF: 4.5/8

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 84.917 $\pm$ 39.199 χ^2 /NDF: 7.4/7

Left: 84.355 $\pm$ 27.484 χ^2 /NDF: 12.0/16

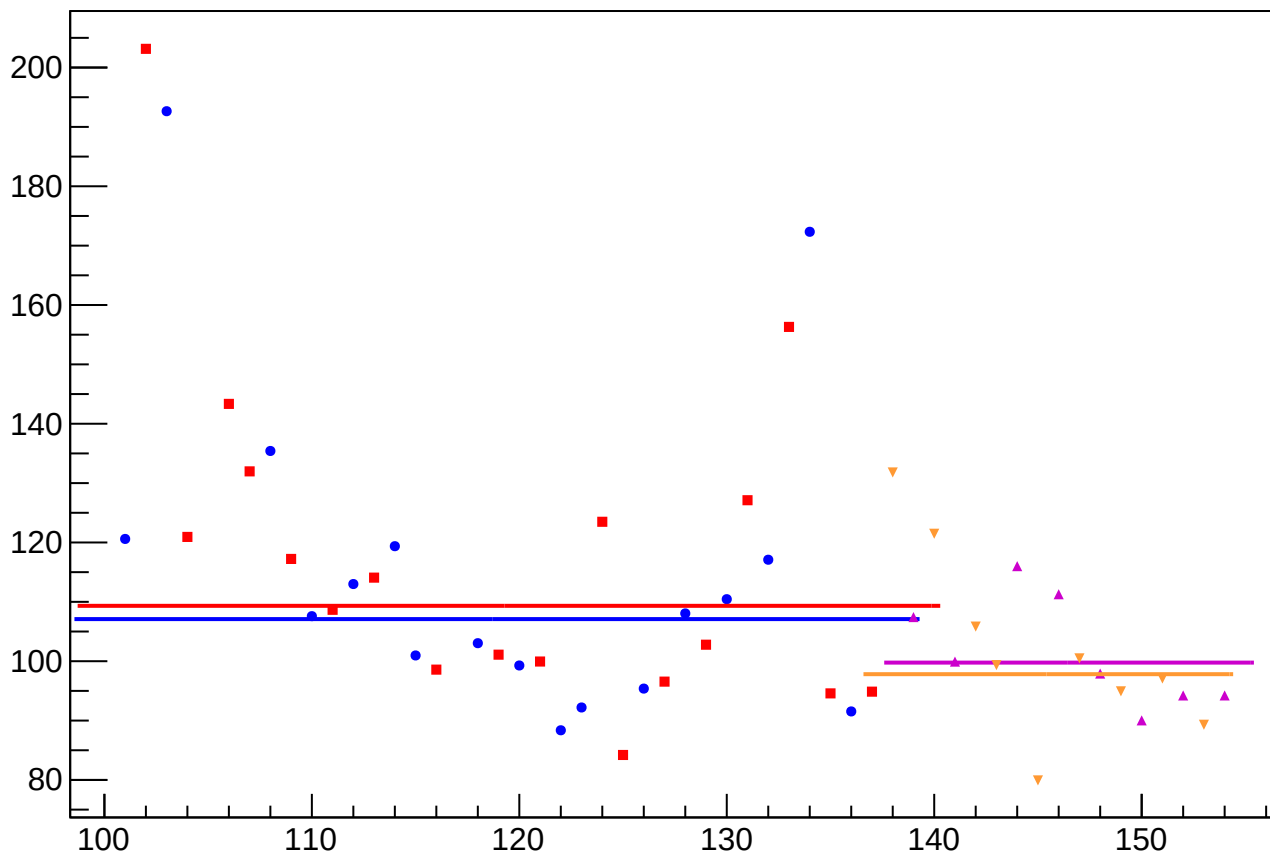
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 69.370 $\pm$ 28.788 χ^2 /NDF: 25.2/24

Out: 77.080 $\pm$ 28.643 χ^2 /NDF: 25.0/26

All: 73.244 $\pm$ 20.305 χ^2 /NDF: 50.2/51

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 97.815 $\pm$ 0.027 χ^2 /NDF:248379.7/8

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 99.765 $\pm$ 0.028 χ^2 /NDF:88341.4/7

Left: 98.773 $\pm$ 0.019 χ^2 /NDF: 339236.2/16

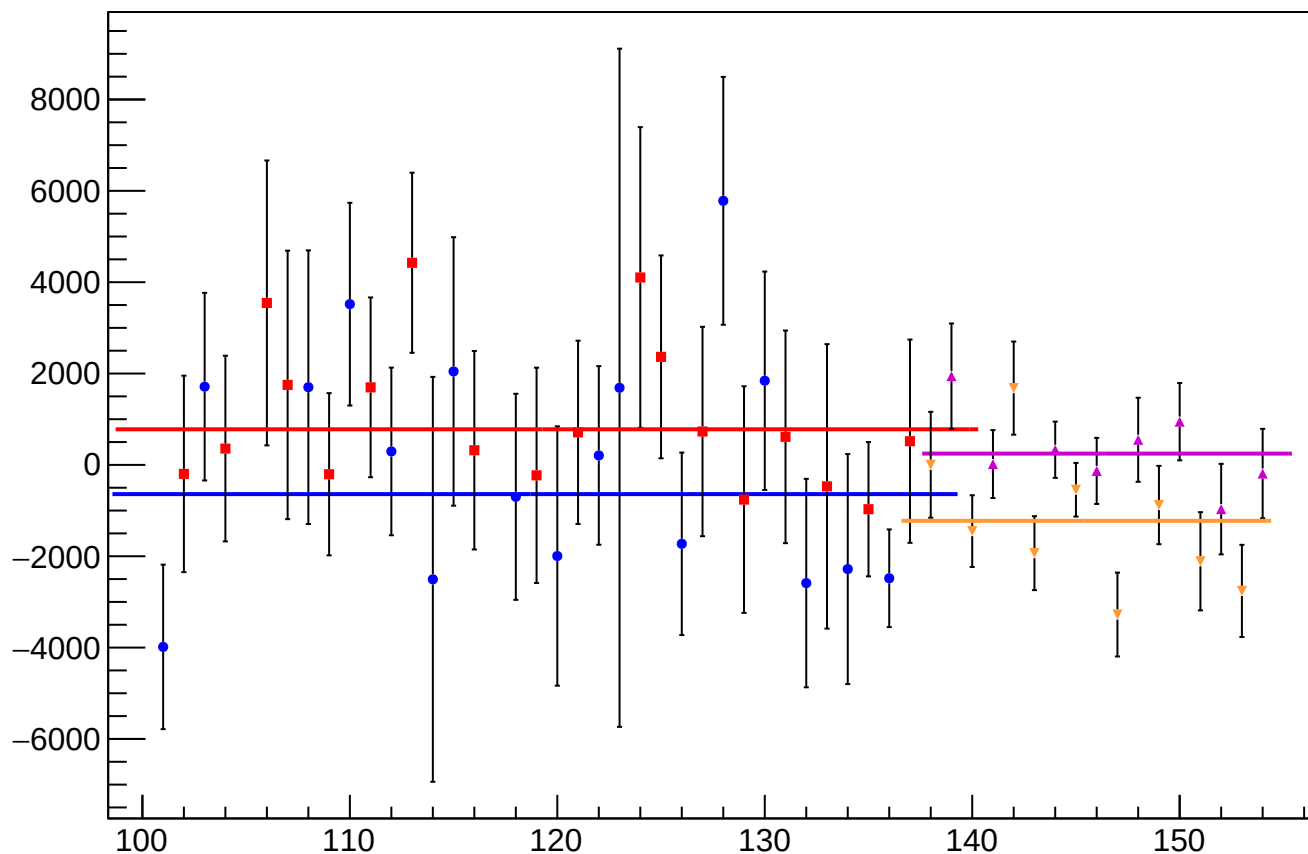
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 103.141 $\pm$ 0.020 χ^2 /NDF:558303.8/24

Out: 102.971 $\pm$ 0.020 χ^2 /NDF:834320.3/26

All: 103.055 $\pm$ 0.014 χ^2 /NDF: 1392659.0/51

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1224.532+/-286.885 χ^2/NDF : 19.6/8

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 247.263+/-291.771 χ^2/NDF : 5.0/7

Left: -501.061+/-204.564 χ^2/NDF : 37.6/16

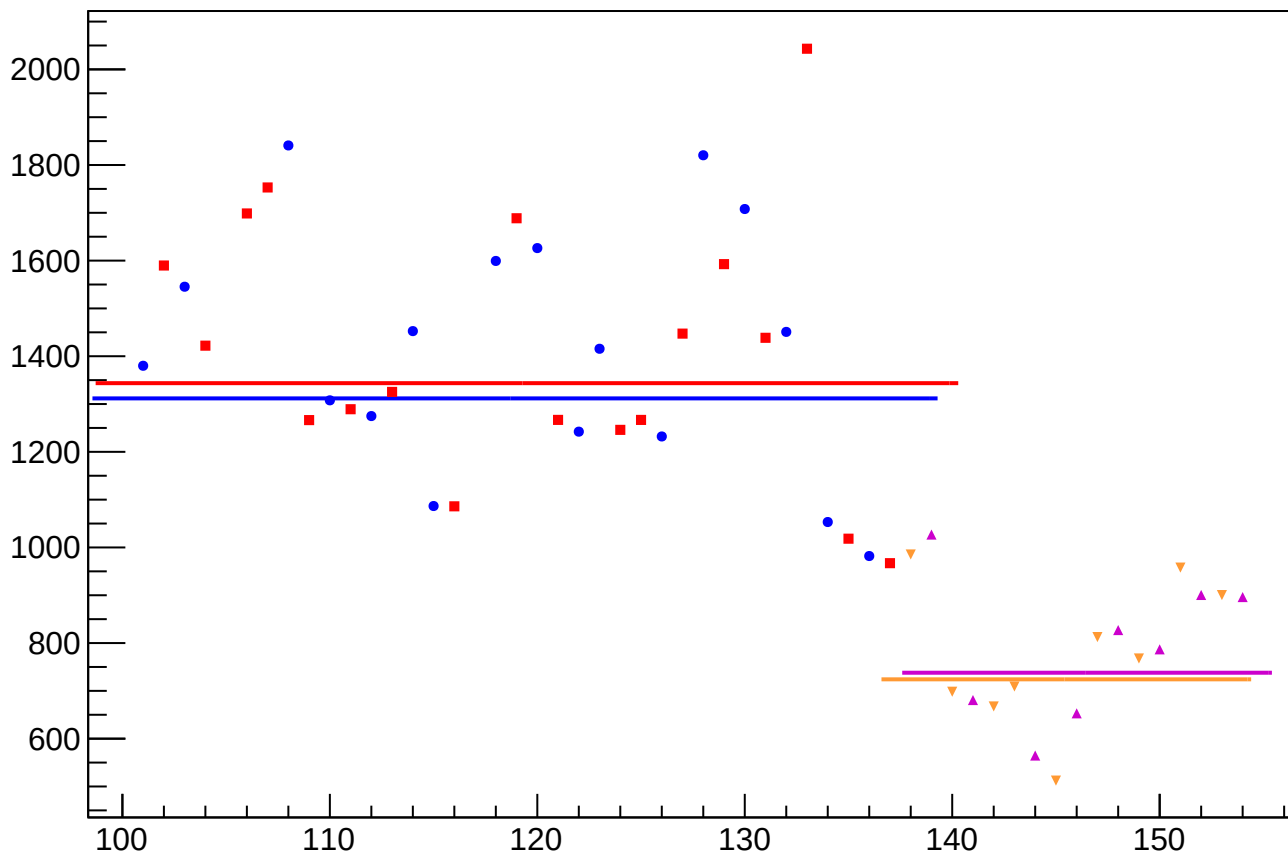
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 34.380+/-254.364 χ^2/NDF : 29.0/24

Out: -751.975+/-250.789 χ^2/NDF : 39.9/26

All: -364.363+/-178.585 χ^2/NDF : 73.8/51

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 724.115 $\pm$ 0.203 χ^2 /NDF: 550152.1/8

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 737.953 $\pm$ 0.206 χ^2 /NDF: 455040.4/7

Left: 730.917 $\pm$ 0.145 χ^2 /NDF: 1007479.8/16

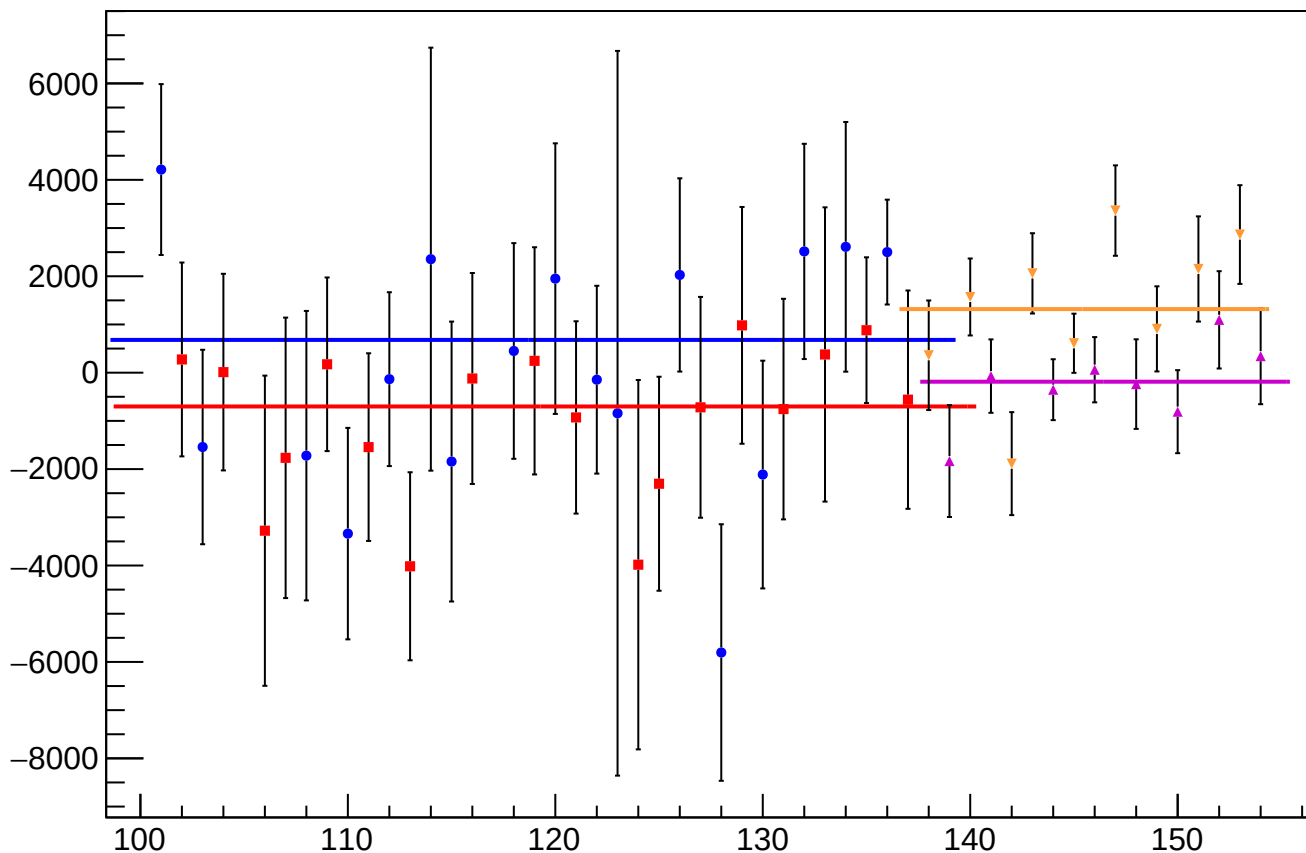
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 875.659 $\pm$ 0.180 χ^2 /NDF: 2824213.6/24

Out: 870.209 $\pm$ 0.177 χ^2 /NDF: 3210640.8/26

All: 872.895 $\pm$ 0.126 χ^2 /NDF: 6035320.0/51

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1319.033+/-294.453 χ^2/NDF :19.8/8

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -187.157+/-292.968 χ^2/NDF :4.7/7

Left: 562.129+/-207.683 χ^2/NDF : 37.6/16

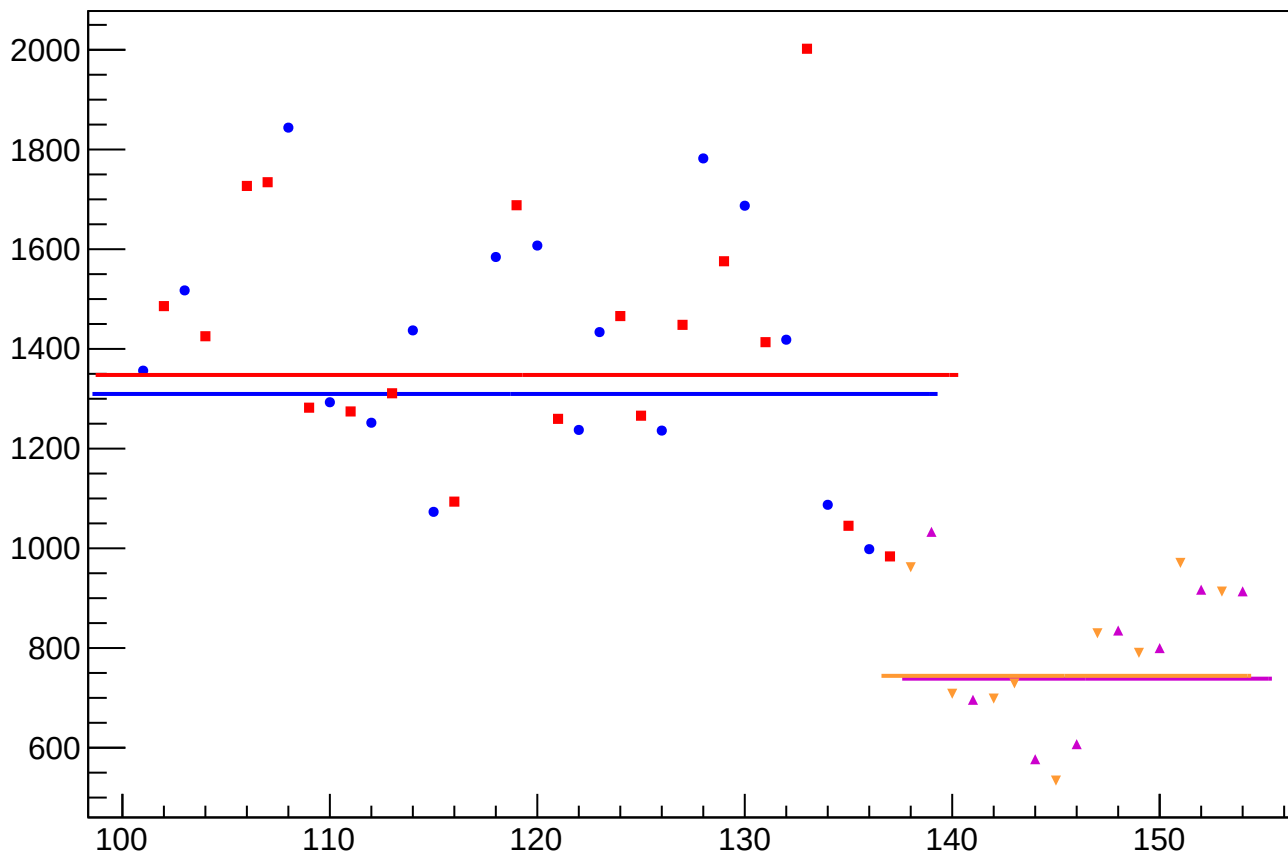
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 23.286+/-254.949 χ^2/NDF :29.3/24

Out: 824.747+/-255.903 χ^2/NDF :38.9/26

All: 422.519+/-180.613 χ^2/NDF : 73.2/51

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 744.205 $\pm$ 0.208 χ^2/NDF : 479110.4/8

Right Out: 1347.768 $\pm$ 0.366 χ^2/NDF : 405345.0/17

Left In: 738.536 $\pm$ 0.207 χ^2/NDF : 497381.9/7

Left: 741.356 $\pm$ 0.147 χ^2/NDF : 976864.8/16

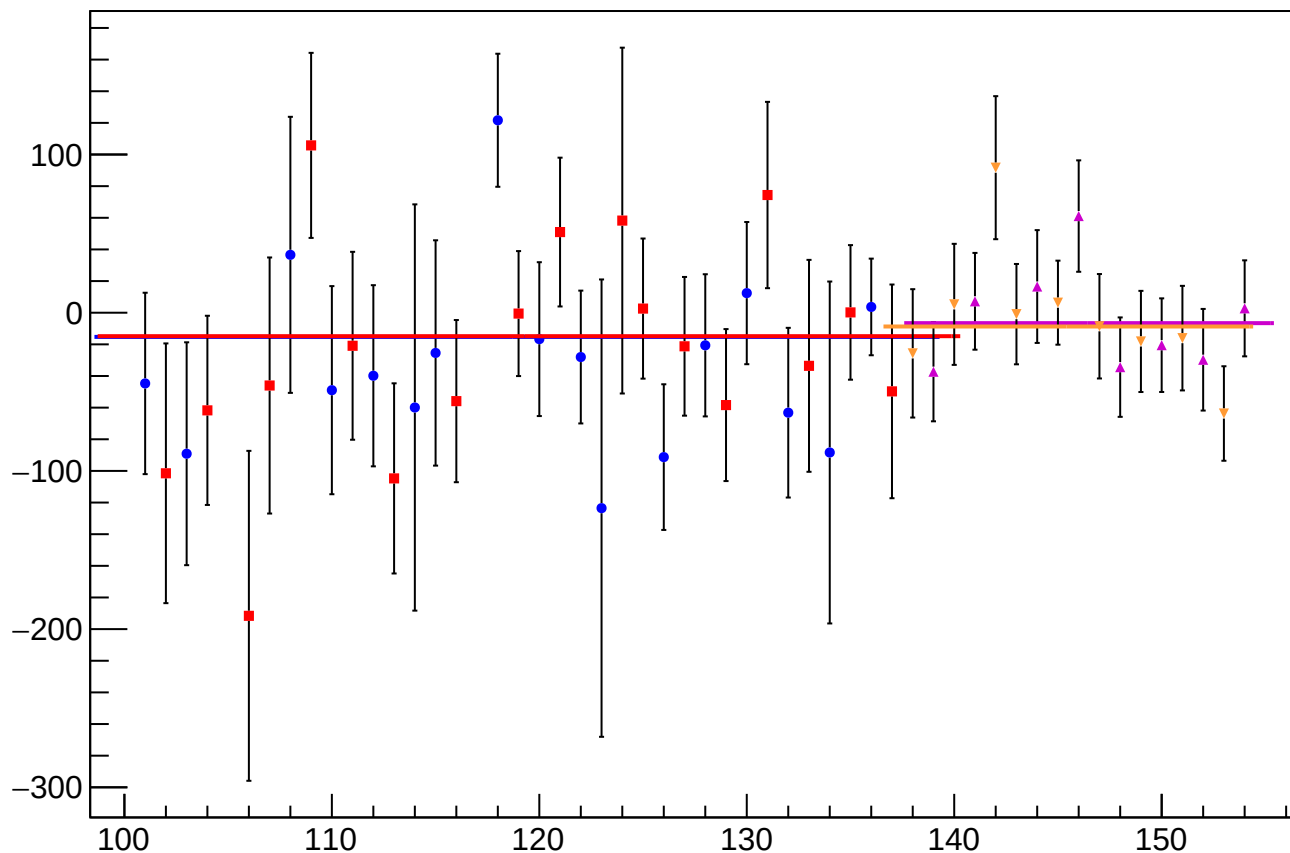
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 877.148 $\pm$ 0.180 χ^2/NDF : 2801346.9/24

Out: 891.897 $\pm$ 0.181 χ^2/NDF : 2940706.1/26

All: 884.495 $\pm$ 0.128 χ^2/NDF : 5745387.4/51

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -8.711 ± 11.094 χ^2/NDF : 9.2/8

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -6.593 ± 11.259 χ^2/NDF : 6.9/7

Left: -7.668 ± 7.902 χ^2/NDF : 16.1/16

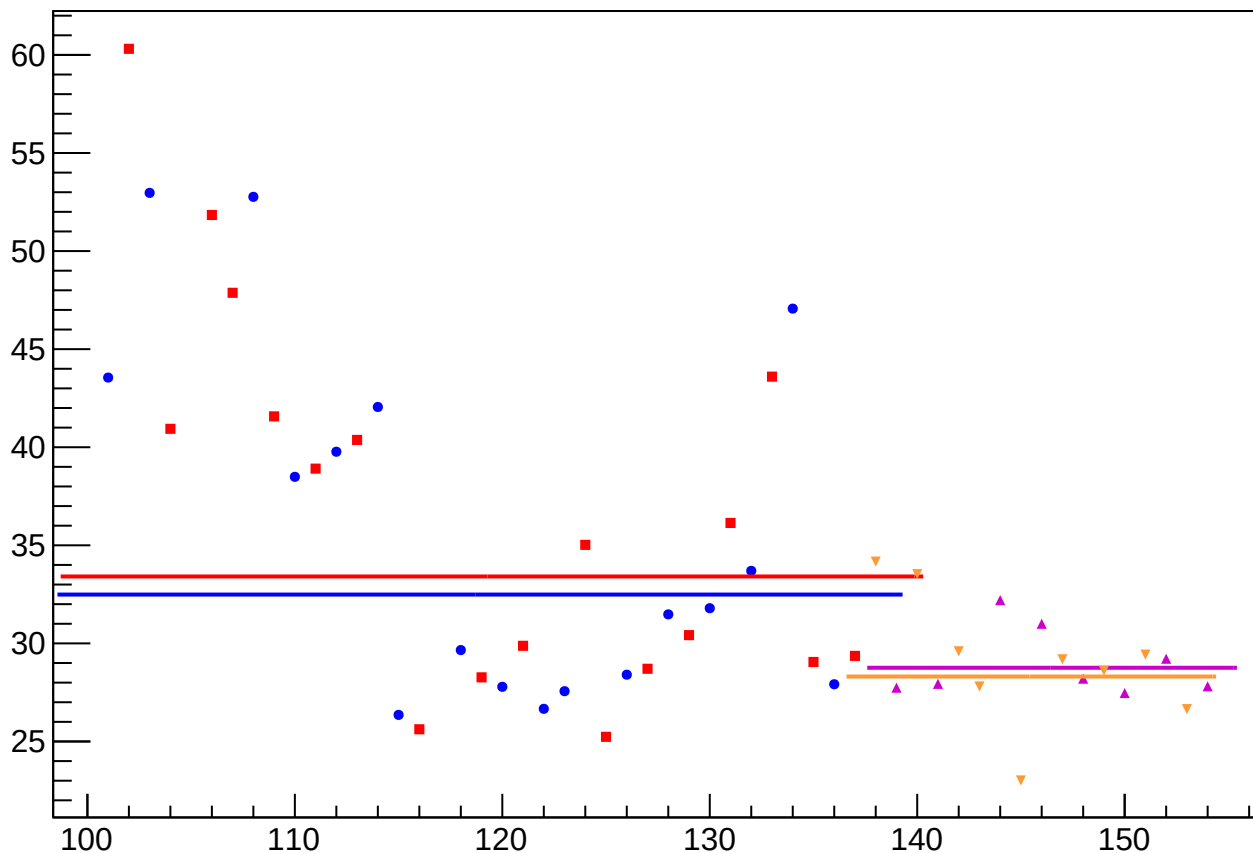
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -10.347 ± 8.484 χ^2/NDF : 25.5/24

Out: -11.271 ± 8.465 χ^2/NDF : 27.5/26

All: -10.810 ± 5.993 χ^2/NDF : 52.9/51

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.310 $\pm$ 0.008 χ^2 /NDF: 170688.6/8

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 28.758 $\pm$ 0.008 χ^2 /NDF: 37129.7/7

Left: 28.531 $\pm$ 0.006 χ^2 /NDF: 209422.7/16

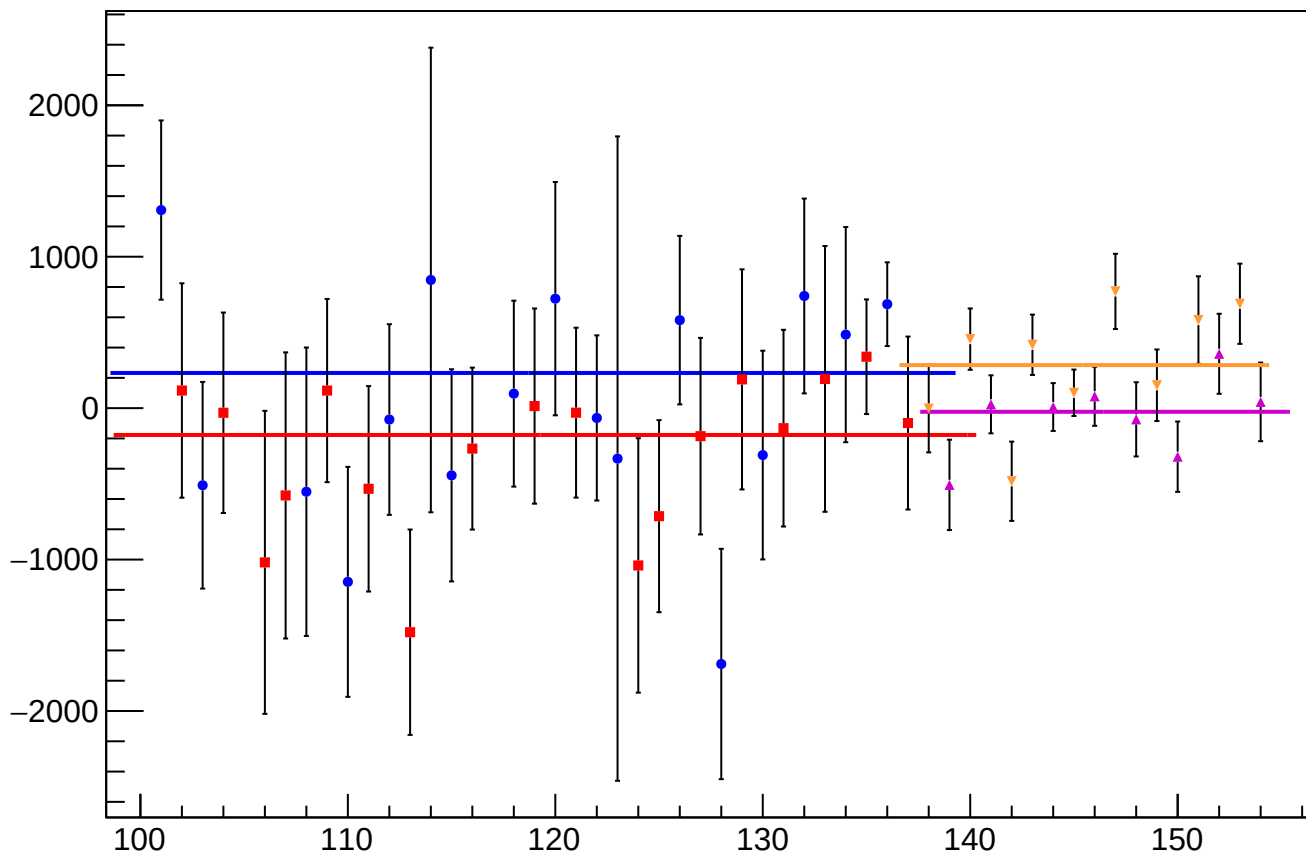
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 30.370 $\pm$ 0.006 χ^2 /NDF: 726535.1/24

Out: 30.441 $\pm$ 0.006 χ^2 /NDF: 1072517.1/26

All: 30.406 $\pm$ 0.004 χ^2 /NDF: 1799122.2/51

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 284.253 $\pm$ 74.727 χ^2 /NDF:19.7/8

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -24.086 $\pm$ 76.877 χ^2 /NDF:6.8/7

Left: 134.456 $\pm$ 53.584 χ^2 /NDF: 34.8/16

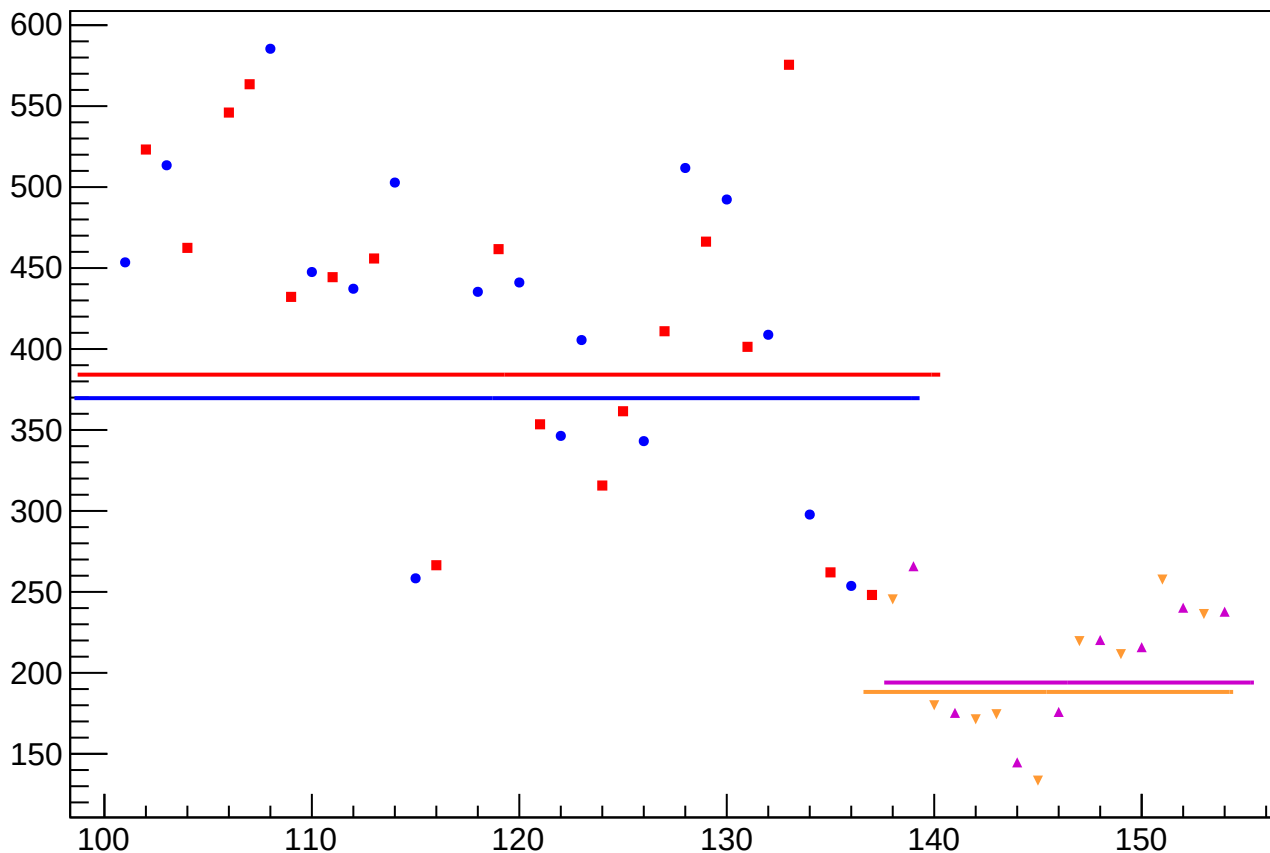
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 30.048 $\pm$ 68.281 χ^2 /NDF:30.6/24

Out: 192.513 $\pm$ 66.886 χ^2 /NDF:36.9/26

All: 112.957 $\pm$ 47.781 χ^2 /NDF: 70.4/51

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 188.226 $\pm$ 0.053 χ^2 /NDF: 587552.3/8

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 194.022 $\pm$ 0.054 χ^2 /NDF: 505797.7/7

Left: 191.042 $\pm$ 0.038 χ^2 /NDF: 1099195.9/16

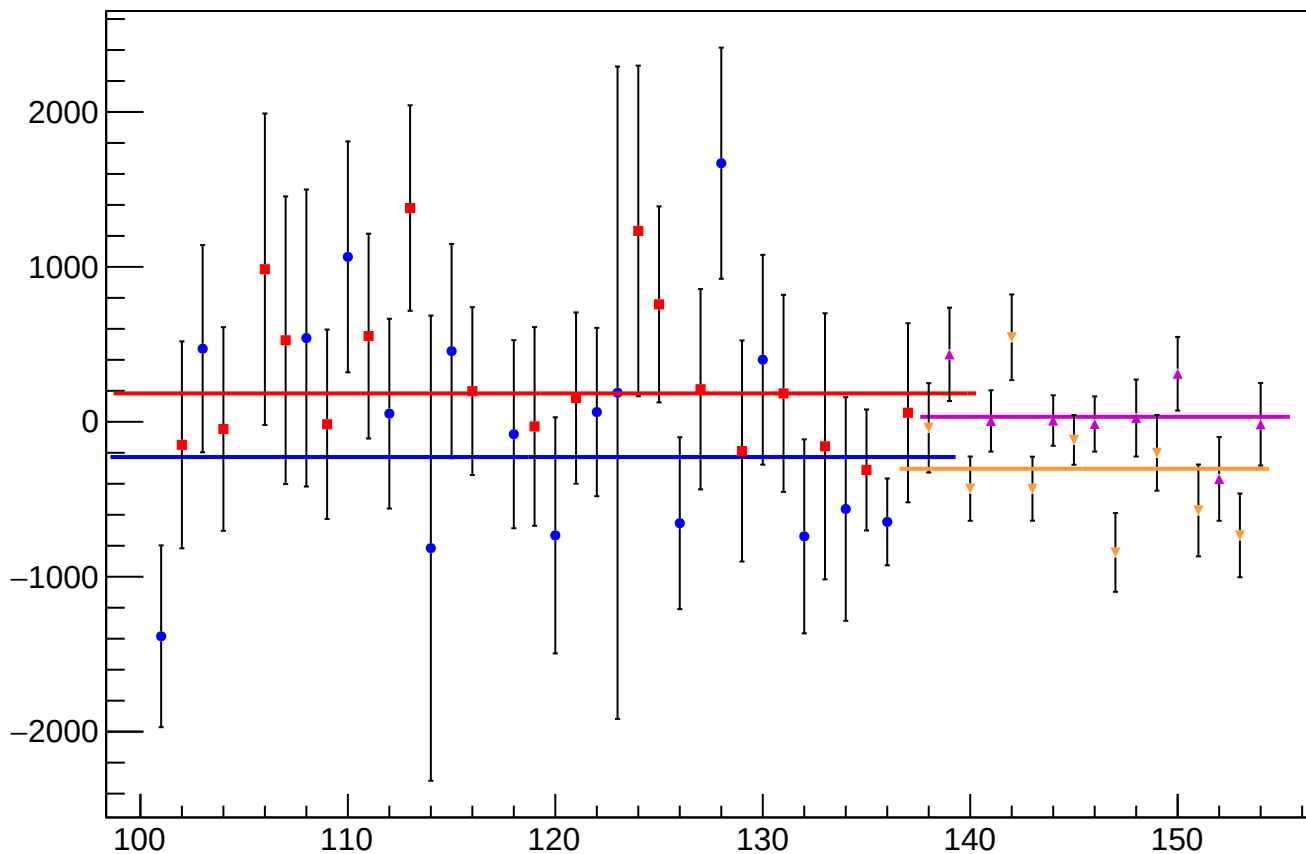
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 231.100 $\pm$ 0.048 χ^2 /NDF: 3612245.5/24

Out: 227.185 $\pm$ 0.047 χ^2 /NDF: 4196708.1/26

All: 229.102 $\pm$ 0.034 χ^2 /NDF: 7812308.4/51

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -303.267+/-77.161 χ^2/NDF : 20.4/8

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 32.364+/-77.286 χ^2/NDF : 5.5/7

Left: -135.723+/-54.605 χ^2/NDF : 35.4/16

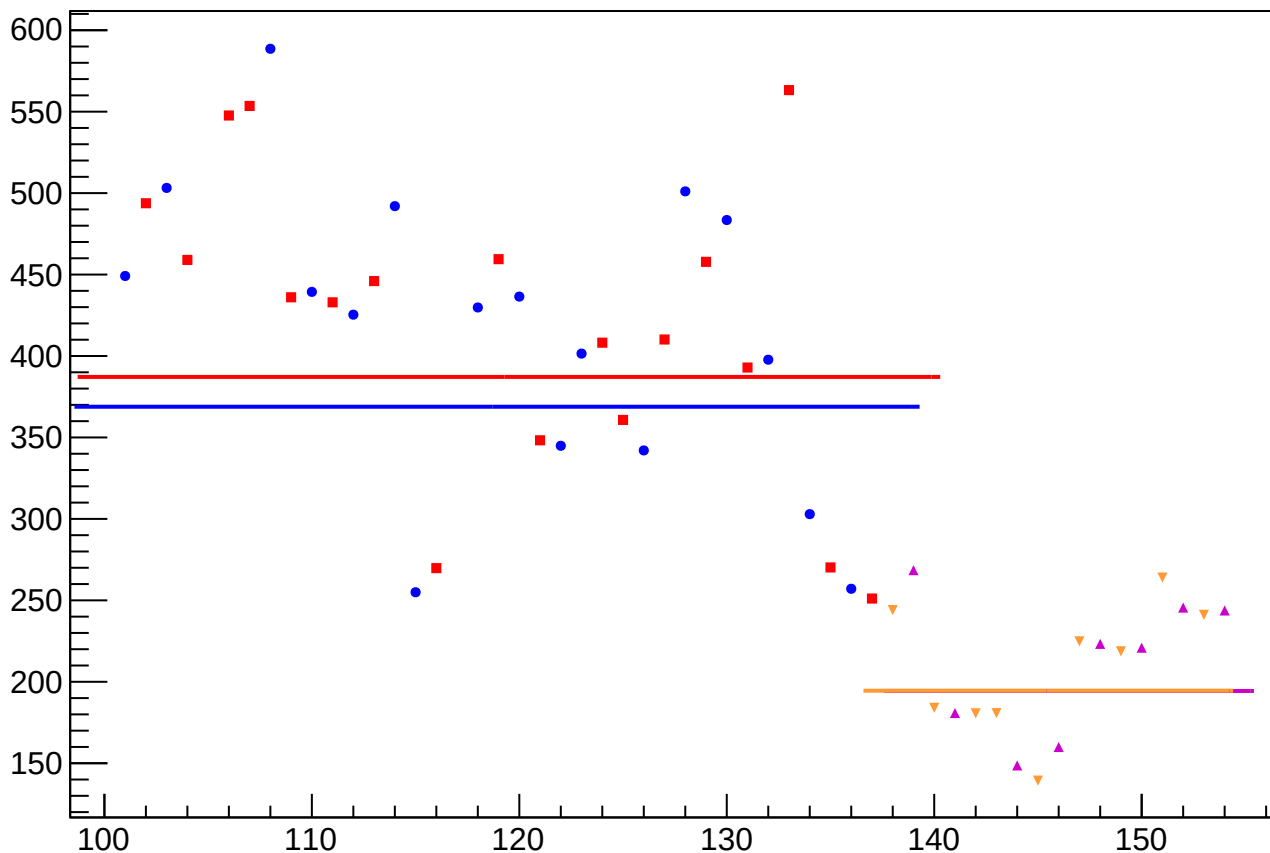
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -23.315+/-68.500 χ^2/NDF : 29.7/24

Out: -201.971+/-68.662 χ^2/NDF : 37.5/26

All: -112.433+/-48.494 χ^2/NDF : 70.7/51

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 194.542 $\pm$ 0.055 χ^2/NDF : 532034.5/8

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 194.371 $\pm$ 0.055 χ^2/NDF : 555221.1/7

Left: 194.457 $\pm$ 0.039 χ^2/NDF : 1087260.4/16

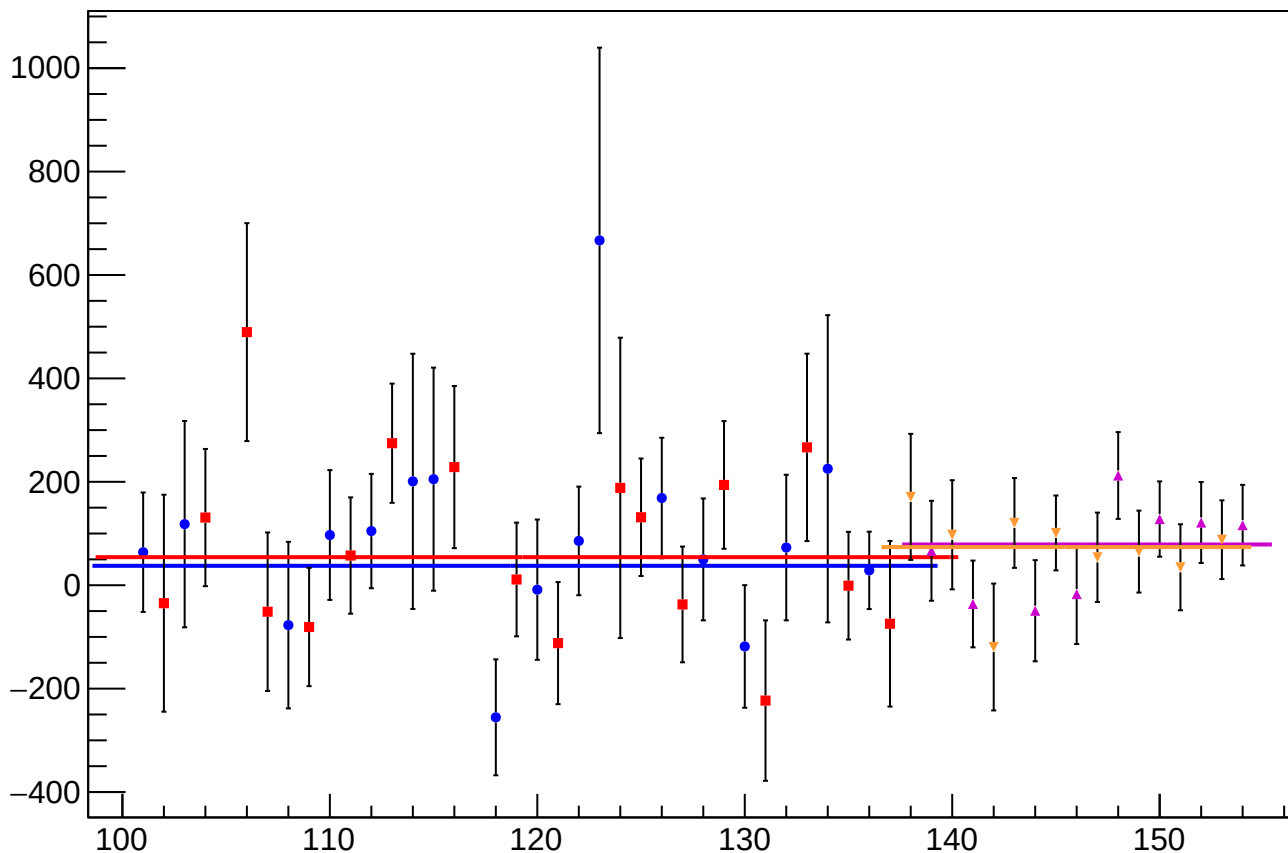
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 231.790 $\pm$ 0.048 χ^2/NDF : 3571150.3/24

Out: 234.642 $\pm$ 0.049 χ^2/NDF : 3884798.5/26

All: 233.213 $\pm$ 0.034 χ^2/NDF : 7457677.7/51

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 73.775 $\pm$ 29.398 χ^2 /NDF: 3.9/8

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 78.799 $\pm$ 29.891 χ^2 /NDF: 8.1/7

Left: 76.245 $\pm$ 20.960 χ^2 /NDF: 12.0/16

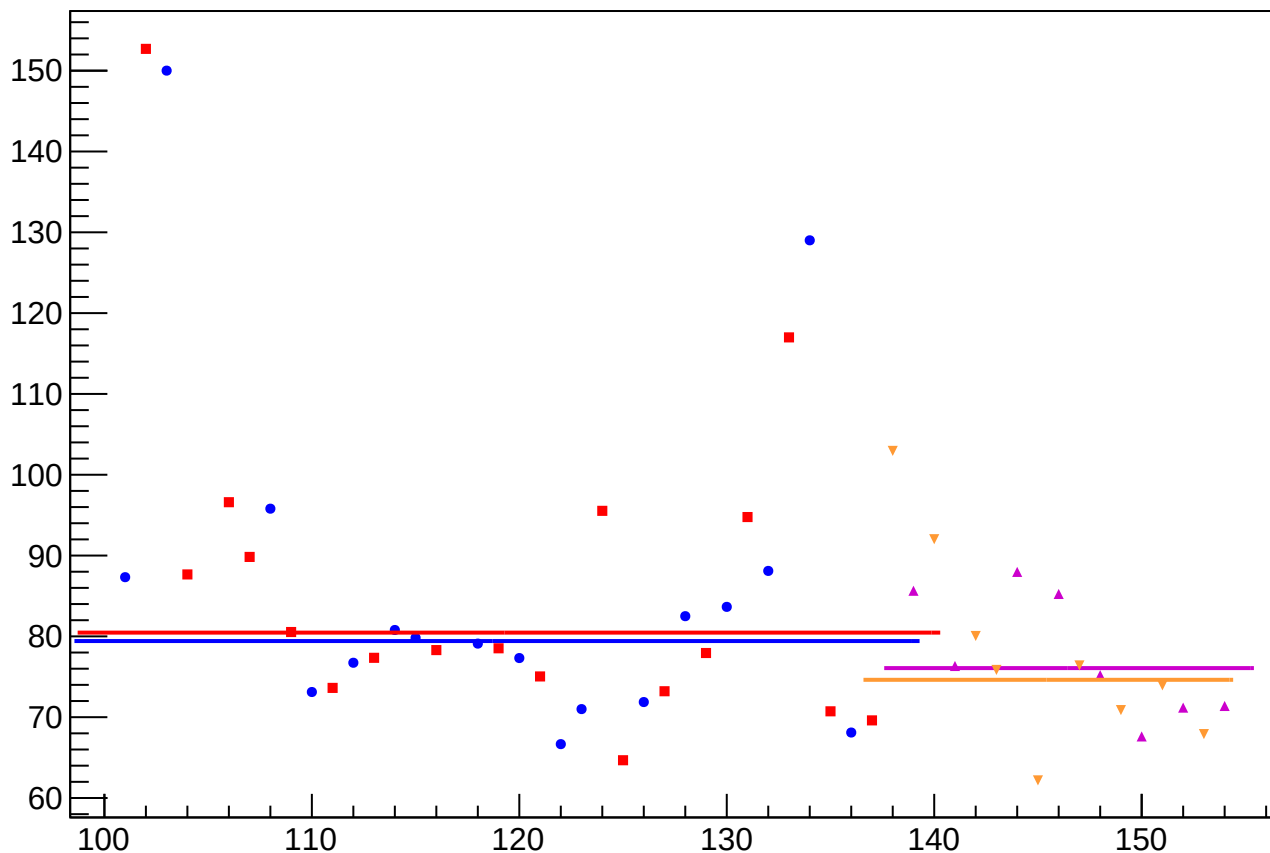
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 59.222 $\pm$ 21.670 χ^2 /NDF: 24.9/24

Out: 64.693 $\pm$ 21.489 χ^2 /NDF: 25.9/26

All: 61.980 $\pm$ 15.258 χ^2 /NDF: 50.8/51

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: 74.625 $\pm$ 0.021 χ^2 /NDF: 246750.2/8

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 76.074 $\pm$ 0.021 χ^2 /NDF: 109492.9/7

Left: 75.338 $\pm$ 0.015 χ^2 /NDF: 358632.1/16

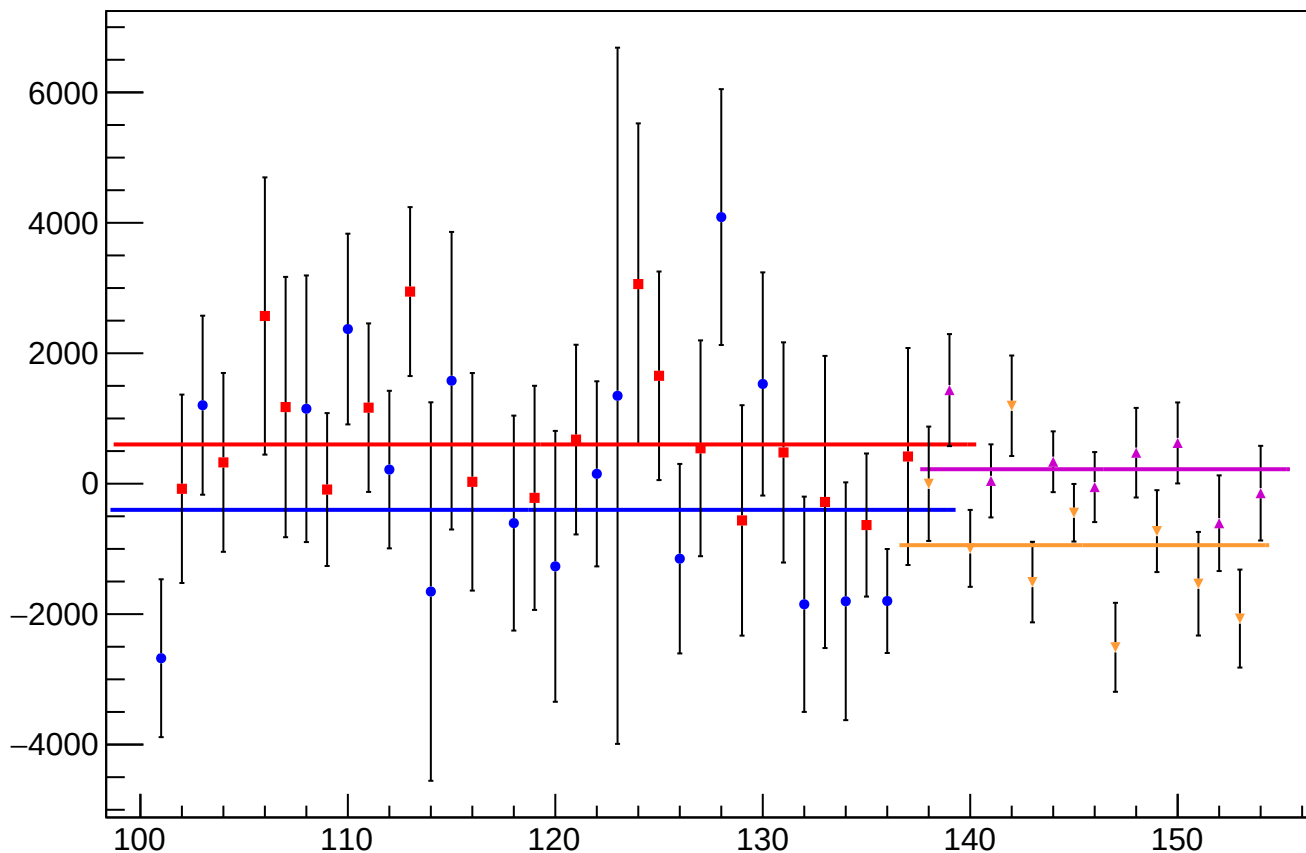
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 77.662 $\pm$ 0.015 χ^2 /NDF: 560436.8/24

Out: 77.345 $\pm$ 0.015 χ^2 /NDF: 737881.6/26

All: 77.502 $\pm$ 0.011 χ^2 /NDF: 1298534.6/51

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -942.693 $\pm$ 214.914 χ^2 /NDF:19.1/8

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 221.776 $\pm$ 217.790 χ^2 /NDF:4.5/7

Left: -368.199 $\pm$ 152.974 χ^2 /NDF: 38.1/16

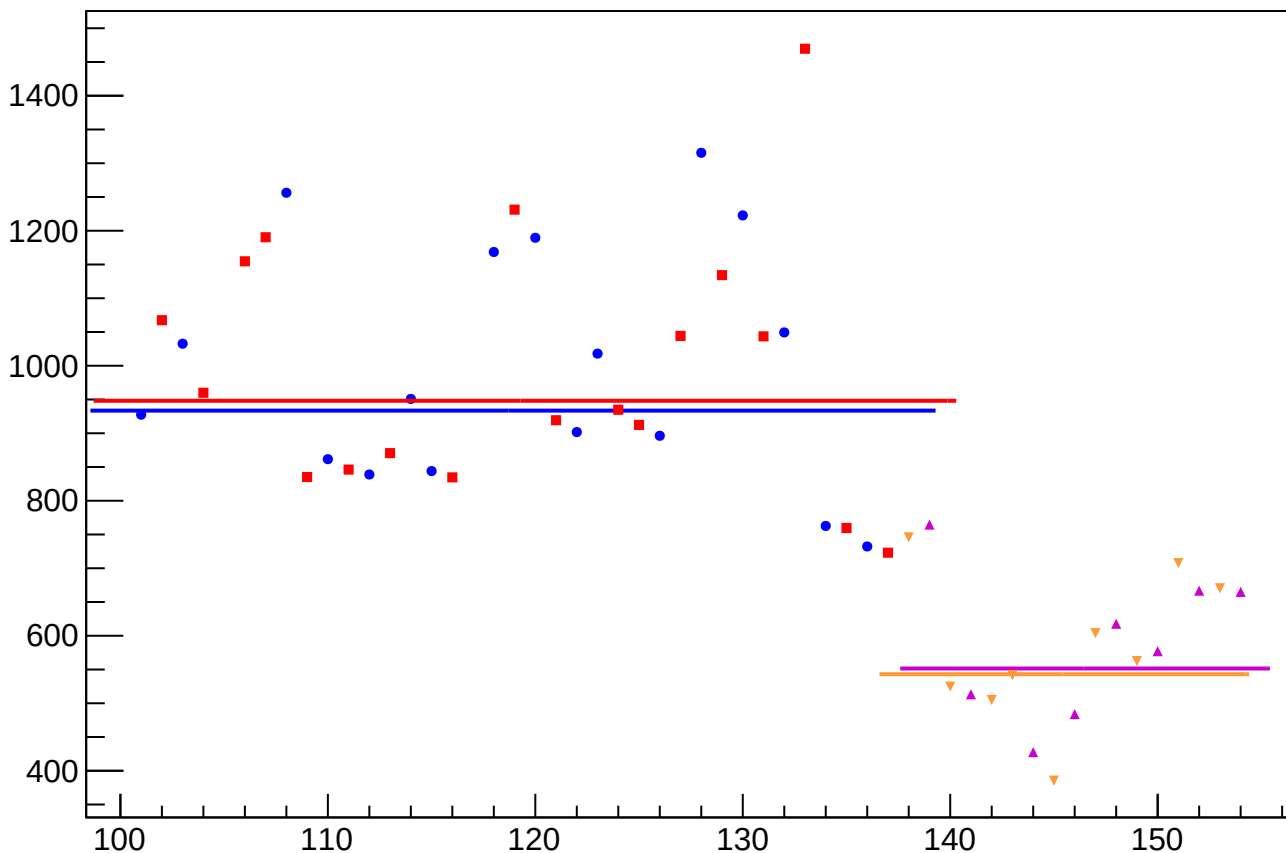
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 60.529 $\pm$ 187.490 χ^2 /NDF:28.5/24

Out: -542.893 $\pm$ 185.021 χ^2 /NDF:41.2/26

All: -245.182 $\pm$ 131.694 χ^2 /NDF: 75.0/51

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: 543.029 $\pm$ 0.152 χ^2 /NDF: 529616.9/8

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 551.472 $\pm$ 0.154 χ^2 /NDF: 425982.6/7

Left: 547.194 $\pm$ 0.108 χ^2 /NDF: 957122.2/16

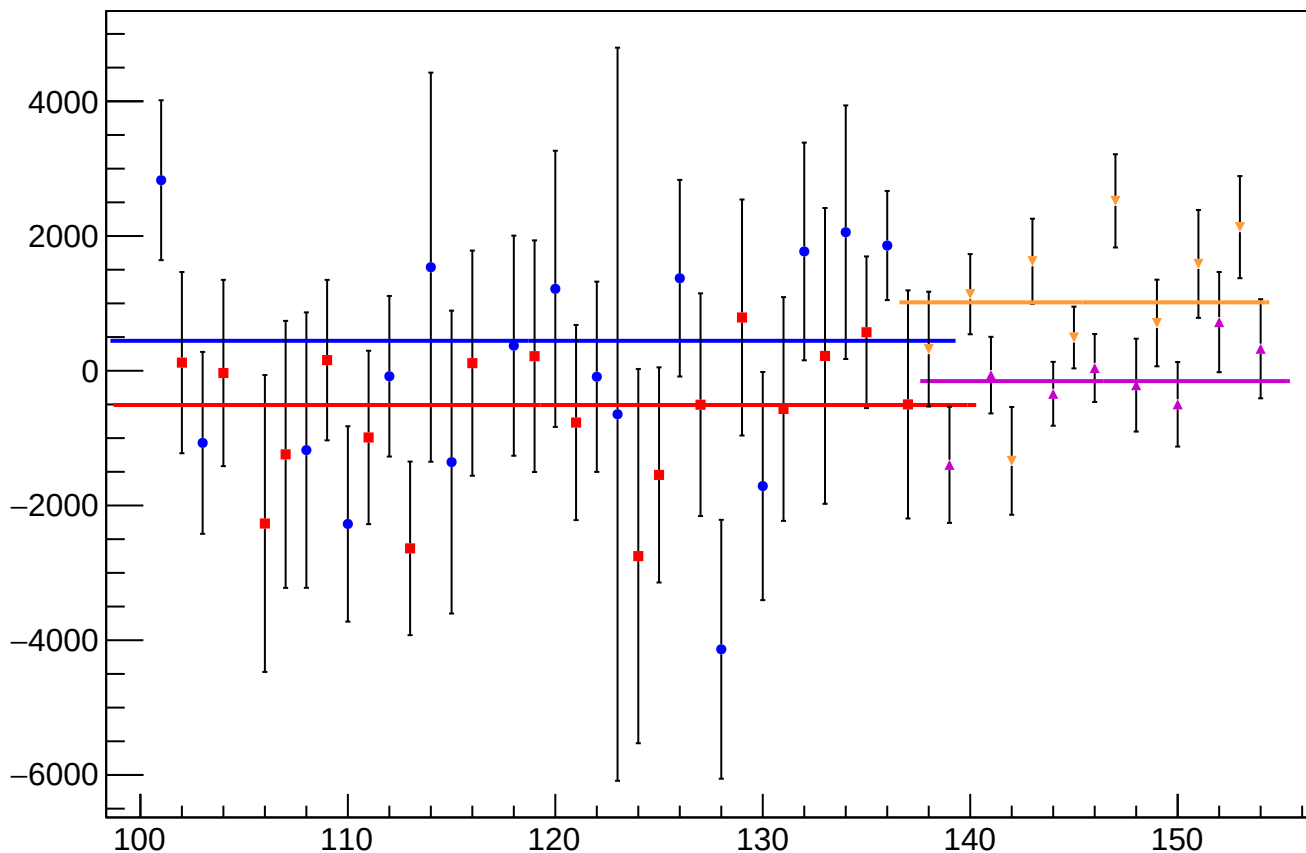
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 650.386 $\pm$ 0.133 χ^2 /NDF: 2461762.6/24

Out: 647.886 $\pm$ 0.131 χ^2 /NDF: 2774107.5/26

All: 649.119 $\pm$ 0.093 χ^2 /NDF: 5236050.3/51

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1015.547+/-219.034 χ^2/NDF :19.2/8

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -153.662+/-217.582 χ^2/NDF :4.5/7

Left: 427.056+/-154.365 χ^2/NDF : 38.1/16

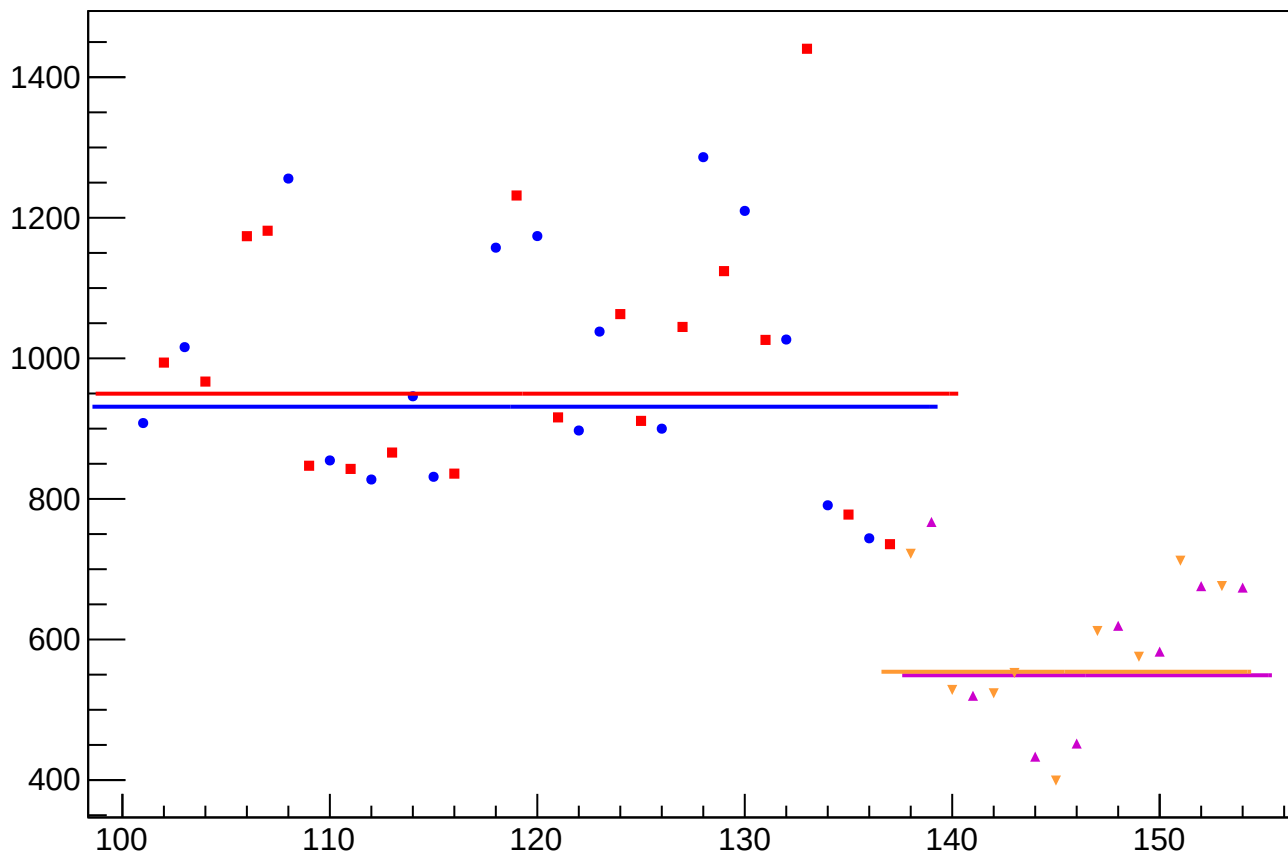
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 1.888+/-187.175 χ^2/NDF :29.4/24

Out: 610.658+/-187.691 χ^2/NDF :39.4/26

All: 305.435+/-132.535 χ^2/NDF : 74.1/51

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 554.127 $\pm$ 0.155 χ^2 /NDF: 458217.3/8

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 549.119 $\pm$ 0.154 χ^2 /NDF: 469108.2/7

Left: 551.606 $\pm$ 0.109 χ^2 /NDF: 927851.9/16

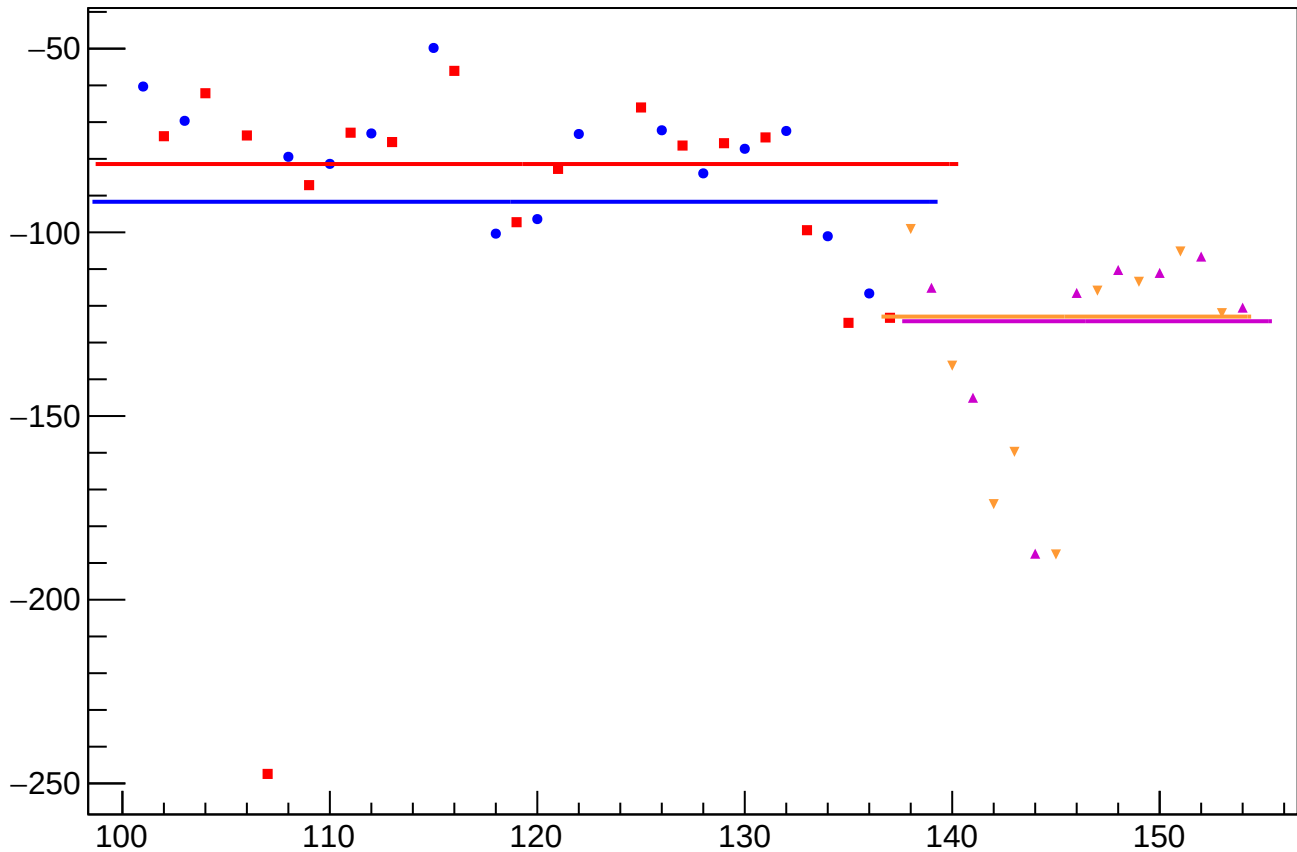
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 648.450 $\pm$ 0.132 χ^2 /NDF: 2472703.6/24

Out: 659.248 $\pm$ 0.133 χ^2 /NDF: 2557436.2/26

All: 653.834 $\pm$ 0.094 χ^2 /NDF: 5033458.3/51

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679±/0.070 χ^2/NDF : 64621.9/14

Left Out: -122.935±/0.108 χ^2/NDF : 21196.9/8

Right Out: -81.406±/0.098 χ^2/NDF : 41708.8/16

Left In: -124.196±/0.091 χ^2/NDF : 40893.1/7

Left: -123.667±/0.070 χ^2/NDF : 62169.8/16

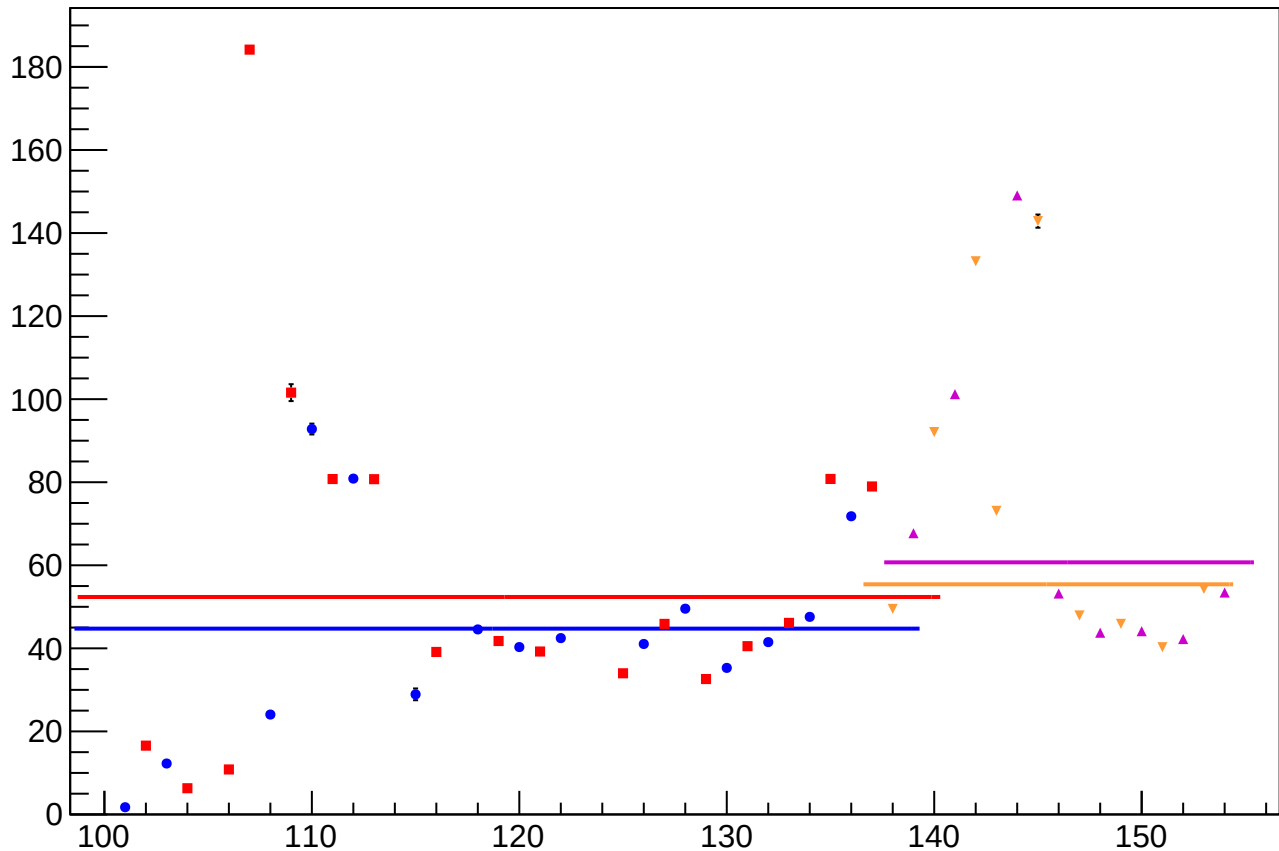
Right: -88.221±/0.057 χ^2/NDF : 113551.1/31

In: -103.718±/0.056 χ^2/NDF : 185095.7/22

Out: -100.340±/0.073 χ^2/NDF : 144004.3/25

All: -102.468±/0.044 χ^2/NDF : 330462.2/48

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 55.419 $\pm$ 0.089 χ^2 /NDF:40690.4/8

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 60.706 $\pm$ 0.080 χ^2 /NDF:102403.7/7

Left: 58.337 $\pm$ 0.060 χ^2 /NDF: 145044.8/16

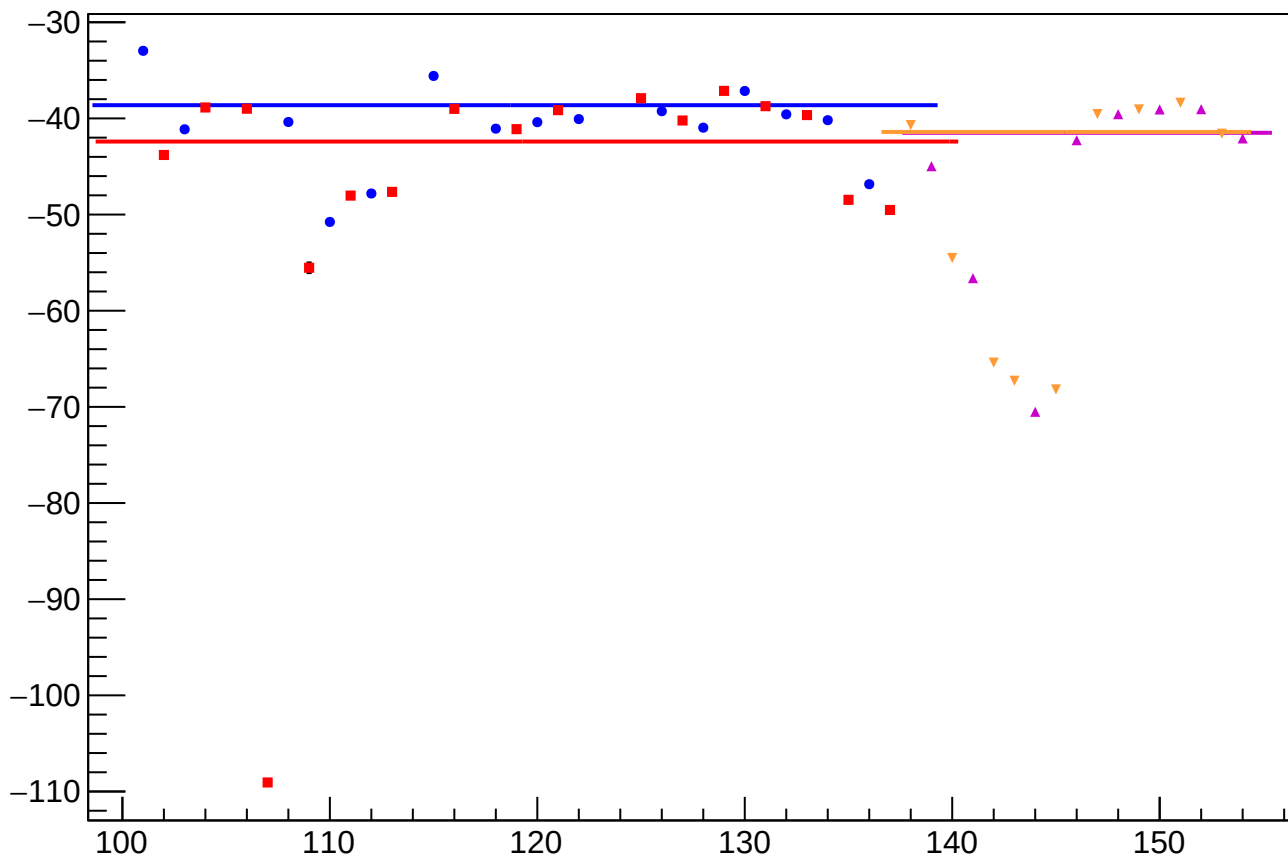
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 50.547 $\pm$ 0.048 χ^2 /NDF:212346.1/22

Out: 54.246 $\pm$ 0.070 χ^2 /NDF:110428.2/25

All: 51.746 $\pm$ 0.040 χ^2 /NDF: 324673.1/48

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.408 ± 0.012 χ^2/NDF : 185173.6/8

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.497 ± 0.013 χ^2/NDF : 142119.2/7

Left: -41.447 ± 0.009 χ^2/NDF : 327319.5/16

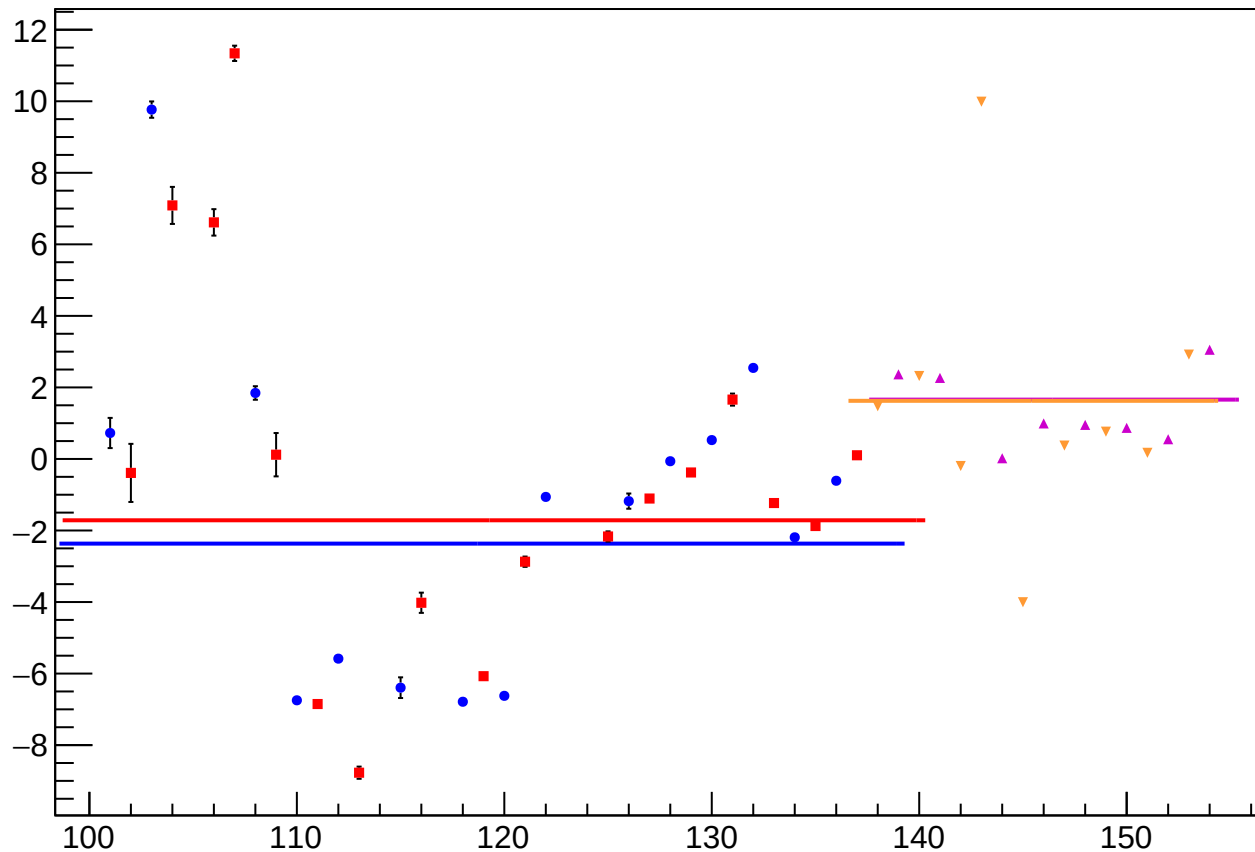
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.470 ± 0.007 χ^2/NDF : 417712.5/22

Out: -41.633 ± 0.010 χ^2/NDF : 456015.6/25

All: -40.163 ± 0.006 χ^2/NDF : 904788.5/48

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.625 ± 0.013 $\chi^2/\text{NDF}: 16239.2/8$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.659 ± 0.010 $\chi^2/\text{NDF}: 8037.9/7$

Left: 1.646 ± 0.008 $\chi^2/\text{NDF}: 24281.2/16$

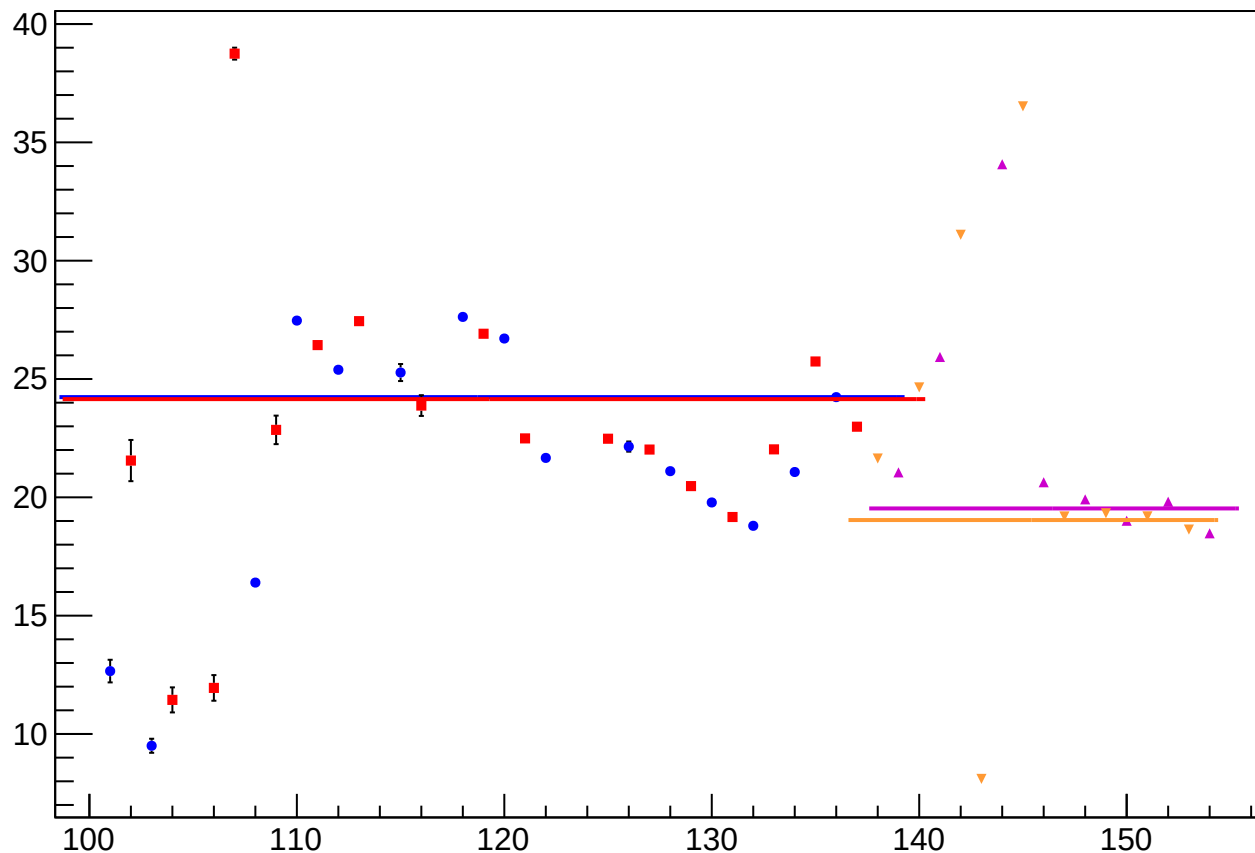
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.227 ± 0.008 $\chi^2/\text{NDF}: 89551.8/22$

Out: 0.997 ± 0.012 $\chi^2/\text{NDF}: 41390.8/25$

All: 0.488 ± 0.007 $\chi^2/\text{NDF}: 133798.1/48$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 19.040 ± 0.014 $\chi^2/\text{NDF}: 38628.0/8$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 19.530 ± 0.011 $\chi^2/\text{NDF}: 40575.3/7$

Left: 19.348 ± 0.009 $\chi^2/\text{NDF}: 79962.8/16$

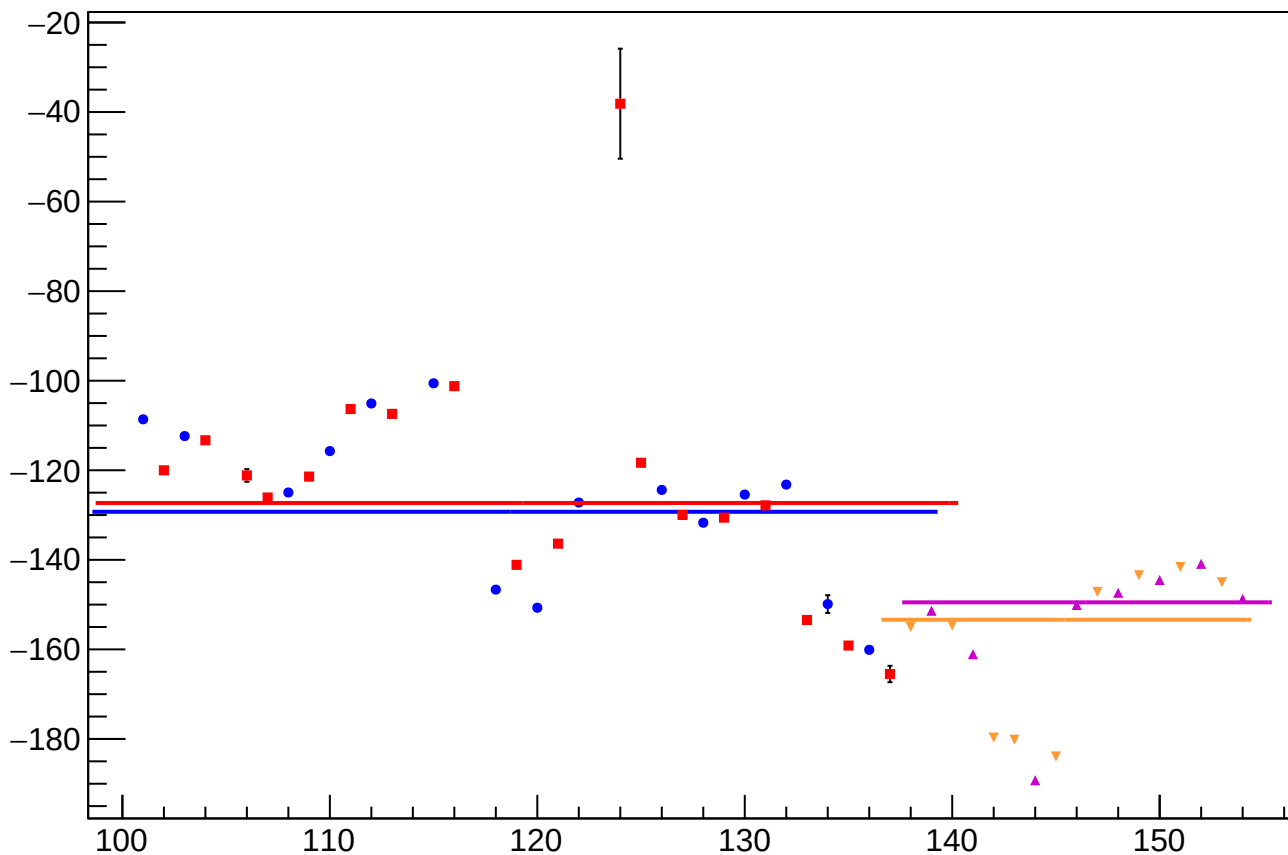
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.447 ± 0.010 $\chi^2/\text{NDF}: 99217.8/22$

Out: 20.322 ± 0.012 $\chi^2/\text{NDF}: 84788.1/25$

All: 20.398 ± 0.008 $\chi^2/\text{NDF}: 184070.7/48$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2/NDF : 35109.7/14

Left Out: -153.380 $\pm$ 0.088 χ^2/NDF : 23699.9/8

Right Out: -127.303 $\pm$ 0.084 χ^2/NDF : 29597.3/17

Left In: -149.493 $\pm$ 0.071 χ^2/NDF : 19987.3/7

Left: -151.030 $\pm$ 0.055 χ^2/NDF : 44868.7/16

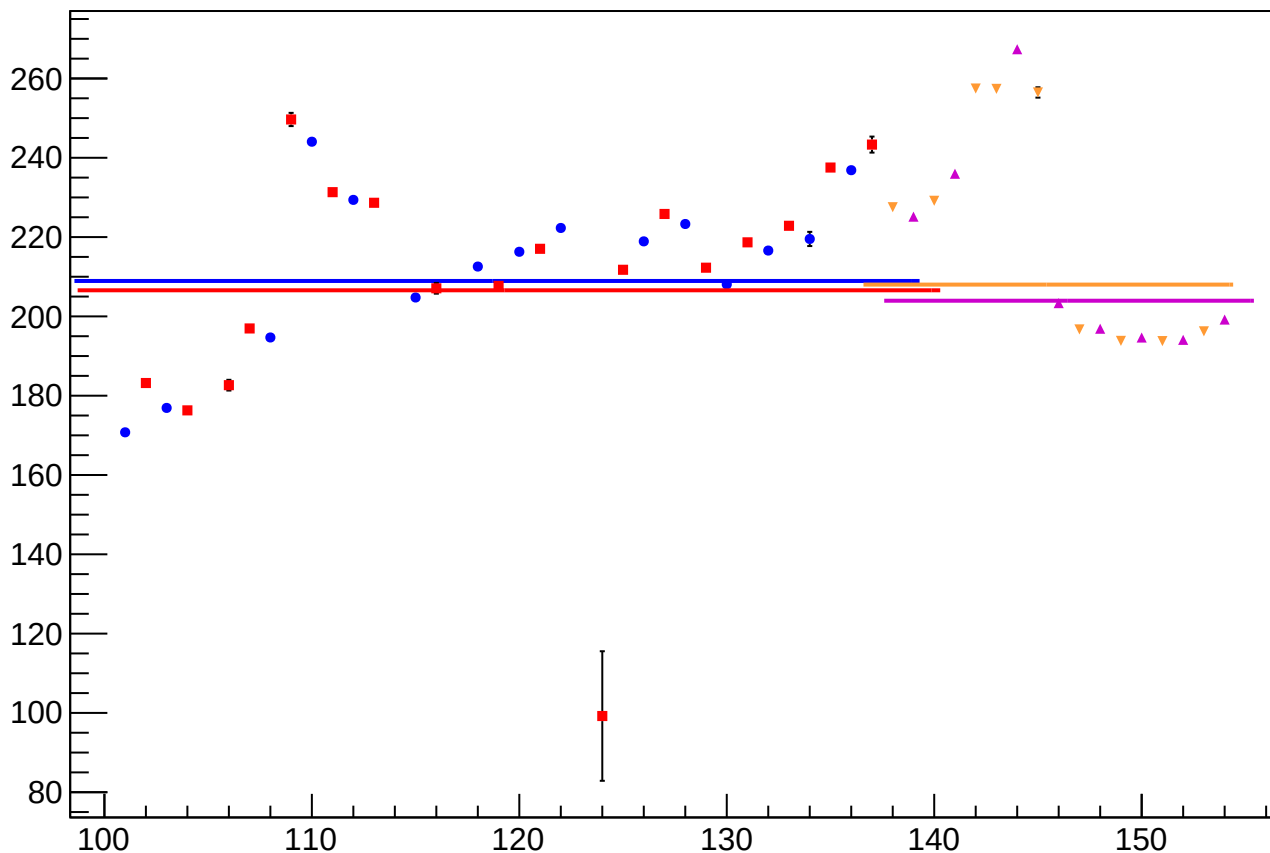
Right: -128.248 $\pm$ 0.061 χ^2/NDF : 64968.8/32

In: -141.482 $\pm$ 0.055 χ^2/NDF : 87143.5/22

Out: -139.795 $\pm$ 0.061 χ^2/NDF : 99117.8/26

All: -140.720 $\pm$ 0.041 χ^2/NDF : 186682.7/49

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 ± 0.089 χ^2/NDF : 44684.8/14

Left Out: 208.017 ± 0.074 χ^2/NDF : 91845.0/8

Right Out: 206.581 ± 0.083 χ^2/NDF : 48210.8/17

Left In: 203.951 ± 0.063 χ^2/NDF : 70828.3/7

Left: 205.657 ± 0.048 χ^2/NDF : 164446.6/16

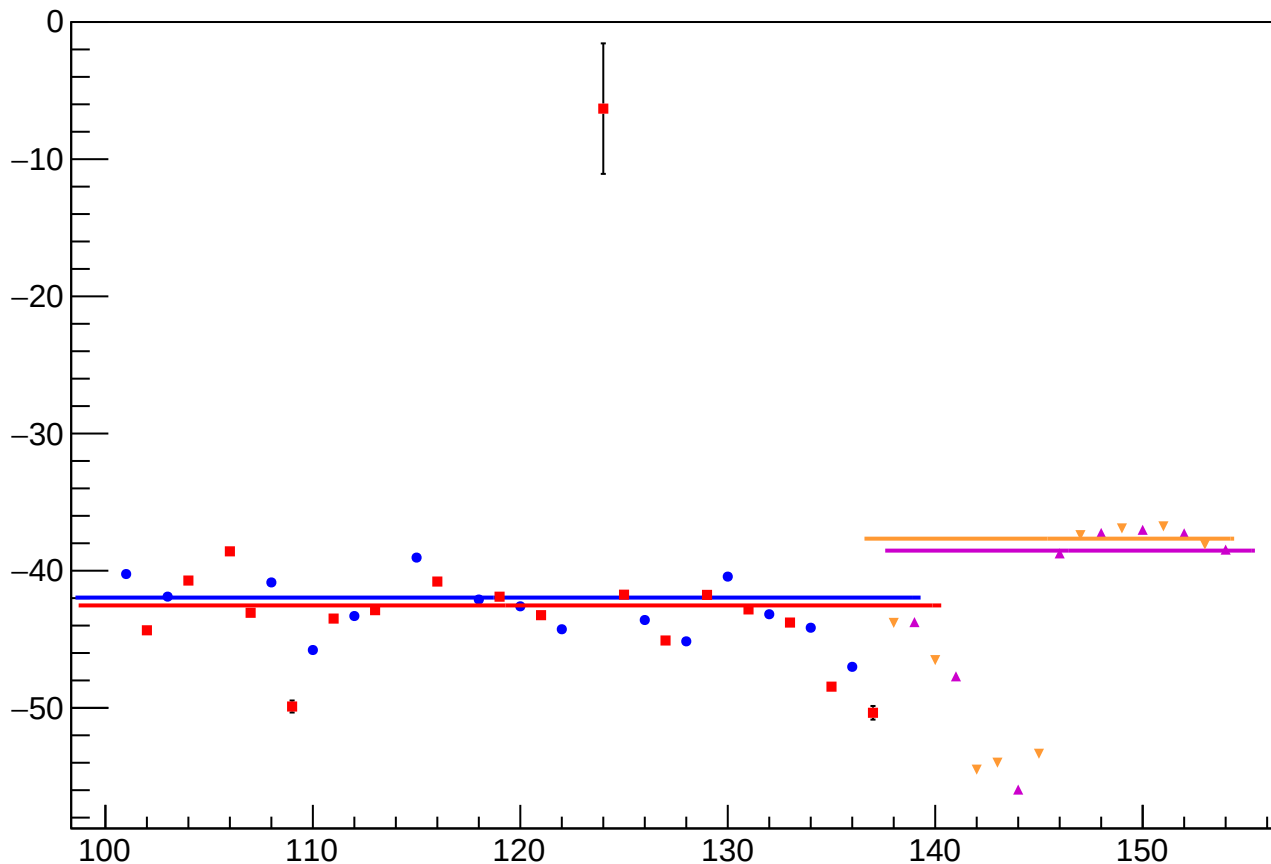
Right: 207.675 ± 0.061 χ^2/NDF : 93267.6/32

In: 205.593 ± 0.051 χ^2/NDF : 117604.7/22

Out: 207.387 ± 0.055 χ^2/NDF : 140223.1/26

All: 206.424 ± 0.038 χ^2/NDF : 258396.3/49

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.664 $\pm$ 0.006 χ^2/NDF : 213752.4/8

Right Out: -42.532 $\pm$ 0.021 χ^2/NDF : 6137.0/17

Left In: -38.535 $\pm$ 0.007 χ^2/NDF : 120920.4/7

Left: -38.003 $\pm$ 0.005 χ^2/NDF : 343348.3/16

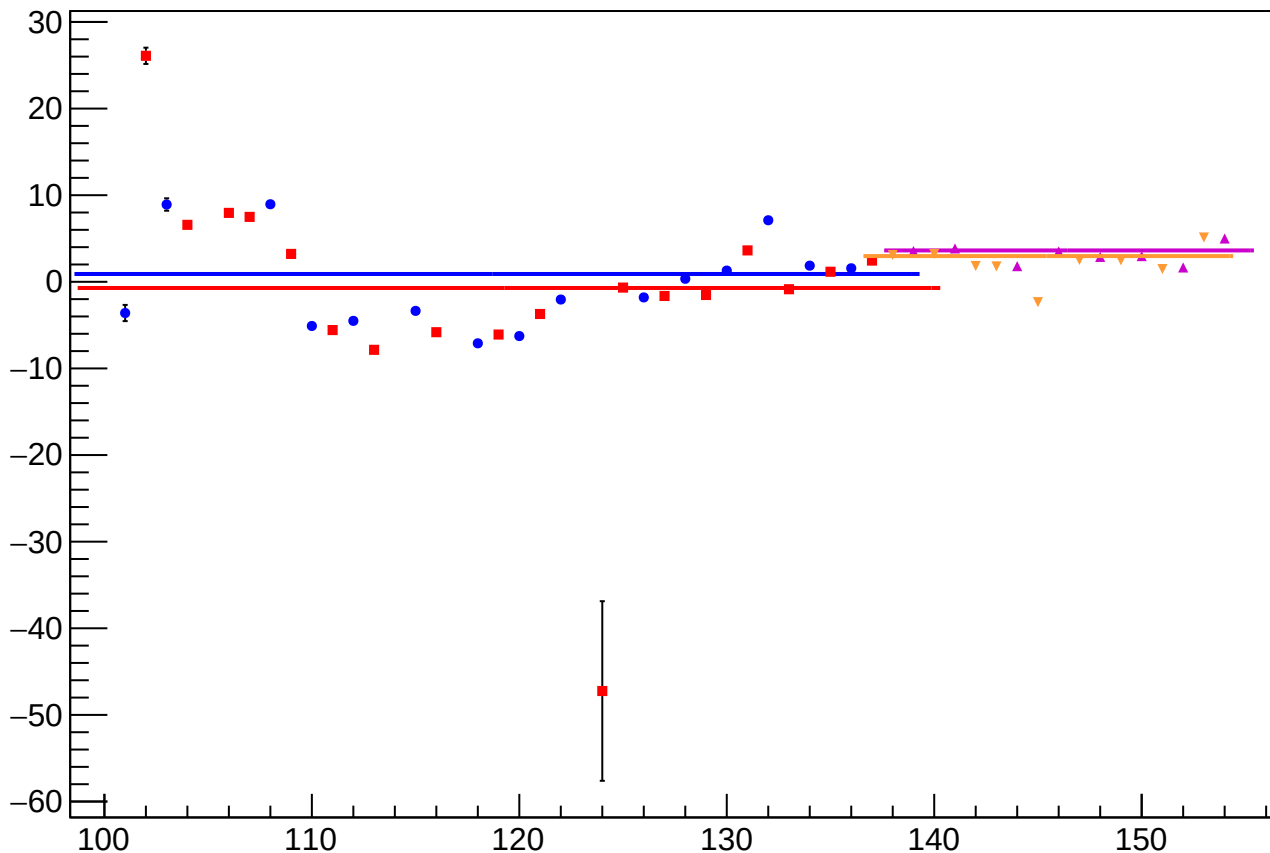
Right: -42.168 $\pm$ 0.012 χ^2/NDF : 30855.6/32

In: -39.152 $\pm$ 0.007 χ^2/NDF : 184624.1/22

Out: -38.024 $\pm$ 0.006 χ^2/NDF : 271337.7/26

All: -38.496 $\pm$ 0.004 χ^2/NDF : 472836.8/49

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.970 ± 0.013 χ^2/NDF : 13675.9/8

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.623 ± 0.012 χ^2/NDF : 6719.2/7

Left: 3.329 ± 0.009 χ^2/NDF : 21846.1/16

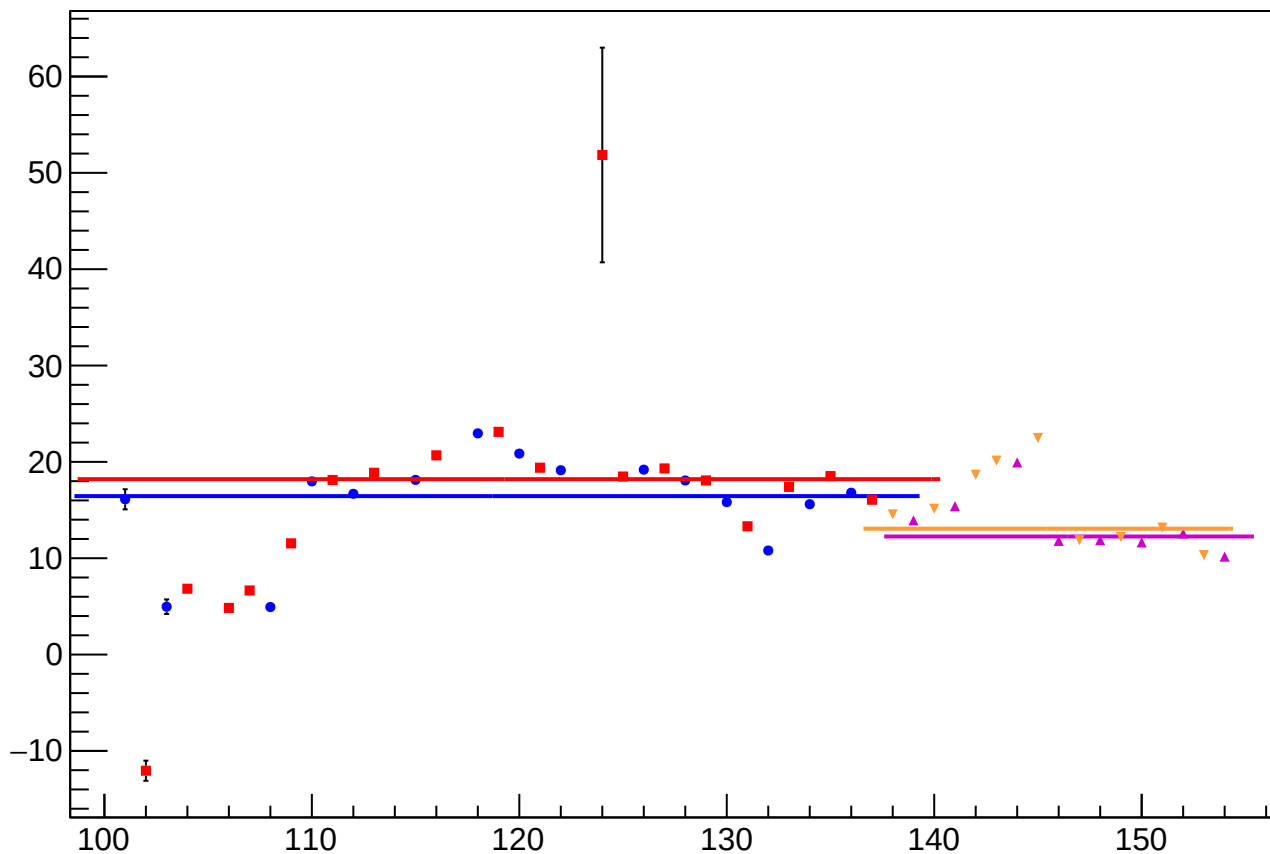
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.949 ± 0.010 χ^2/NDF : 41708.5/22

Out: 2.180 ± 0.011 χ^2/NDF : 62420.6/26

All: 2.611 ± 0.007 χ^2/NDF : 106742.8/49

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 13.065 $\pm$ 0.013 χ^2 /NDF: 47252.6/8

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.255 $\pm$ 0.013 χ^2 /NDF: 18875.1/7

Left: 12.679 $\pm$ 0.009 χ^2 /NDF: 68084.3/16

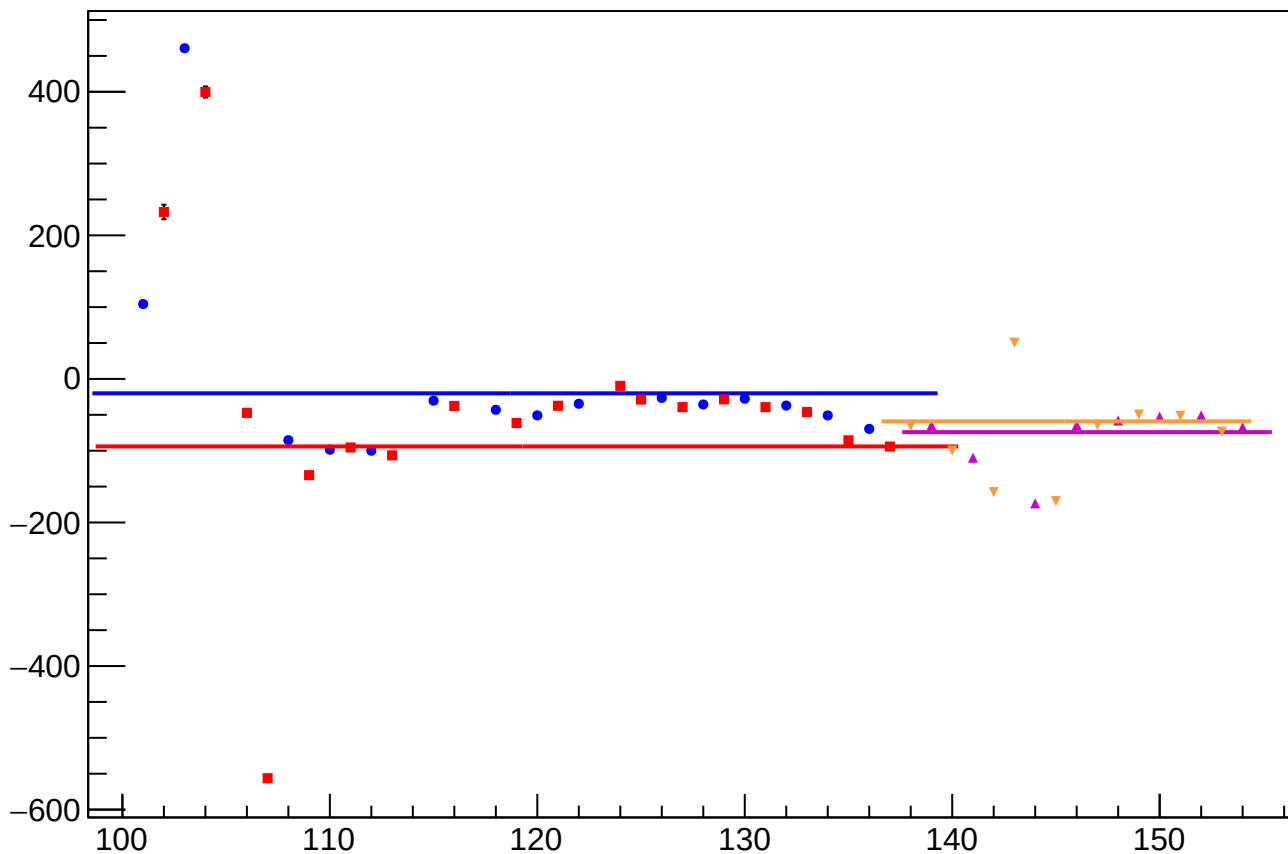
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.208 $\pm$ 0.012 χ^2 /NDF: 55849.9/22

Out: 14.486 $\pm$ 0.011 χ^2 /NDF: 120583.7/26

All: 13.898 $\pm$ 0.008 χ^2 /NDF: 182940.5/49

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -59.155+/-0.172 χ^2/NDF : 44772.8/8

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -74.139+/-0.176 χ^2/NDF : 34276.3/7

Left: -66.466+/-0.123 χ^2/NDF : 82760.0/16

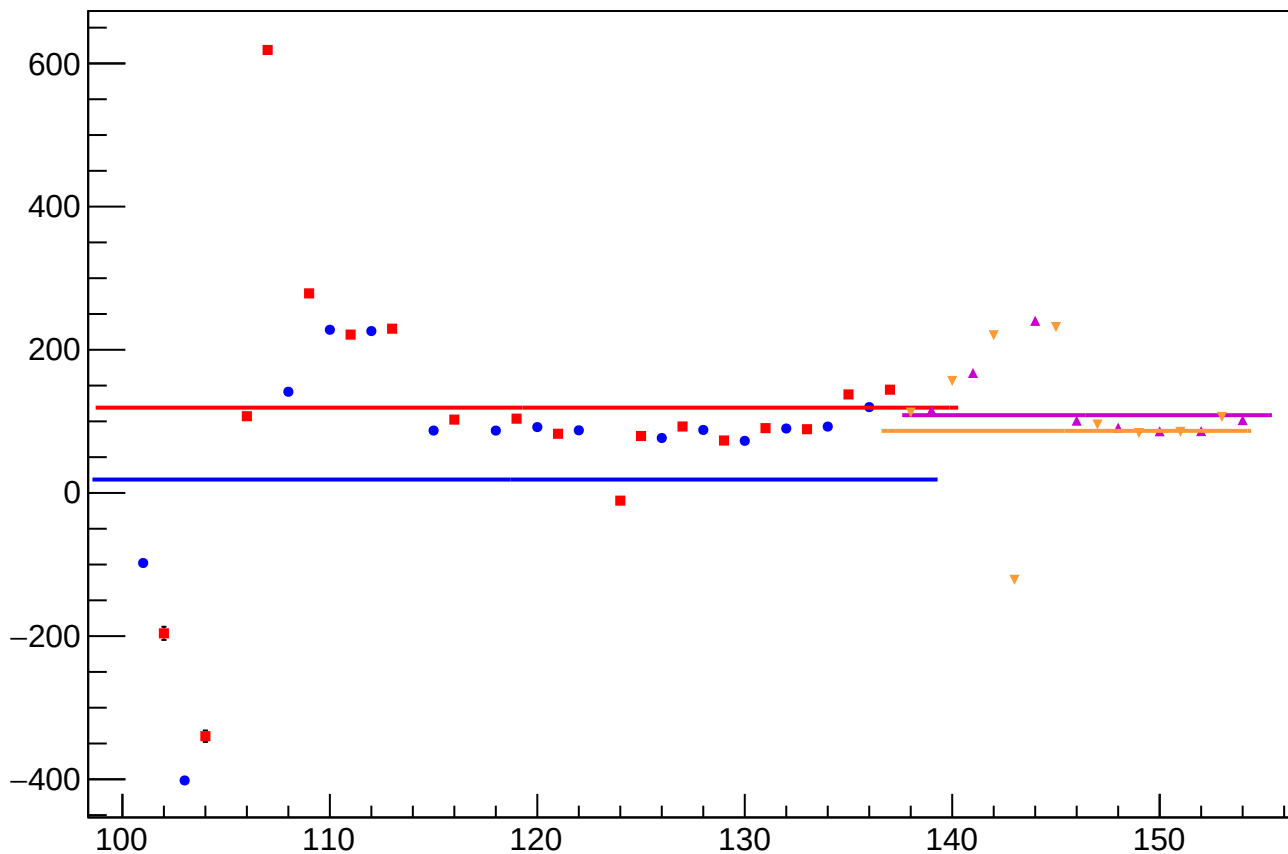
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -43.359+/-0.116 χ^2/NDF : 529463.7/22

Out: -93.868+/-0.012 χ^2/NDF : 173295.8/26

All: -93.293+/-0.012 χ^2/NDF : 891698.2/49

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 86.724+/-0.153 χ^2/NDF : 164678.7/8

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 108.647+/-0.153 χ^2/NDF : 54760.9/7

Left: 97.661+/-0.108 χ^2/NDF : 229666.0/16

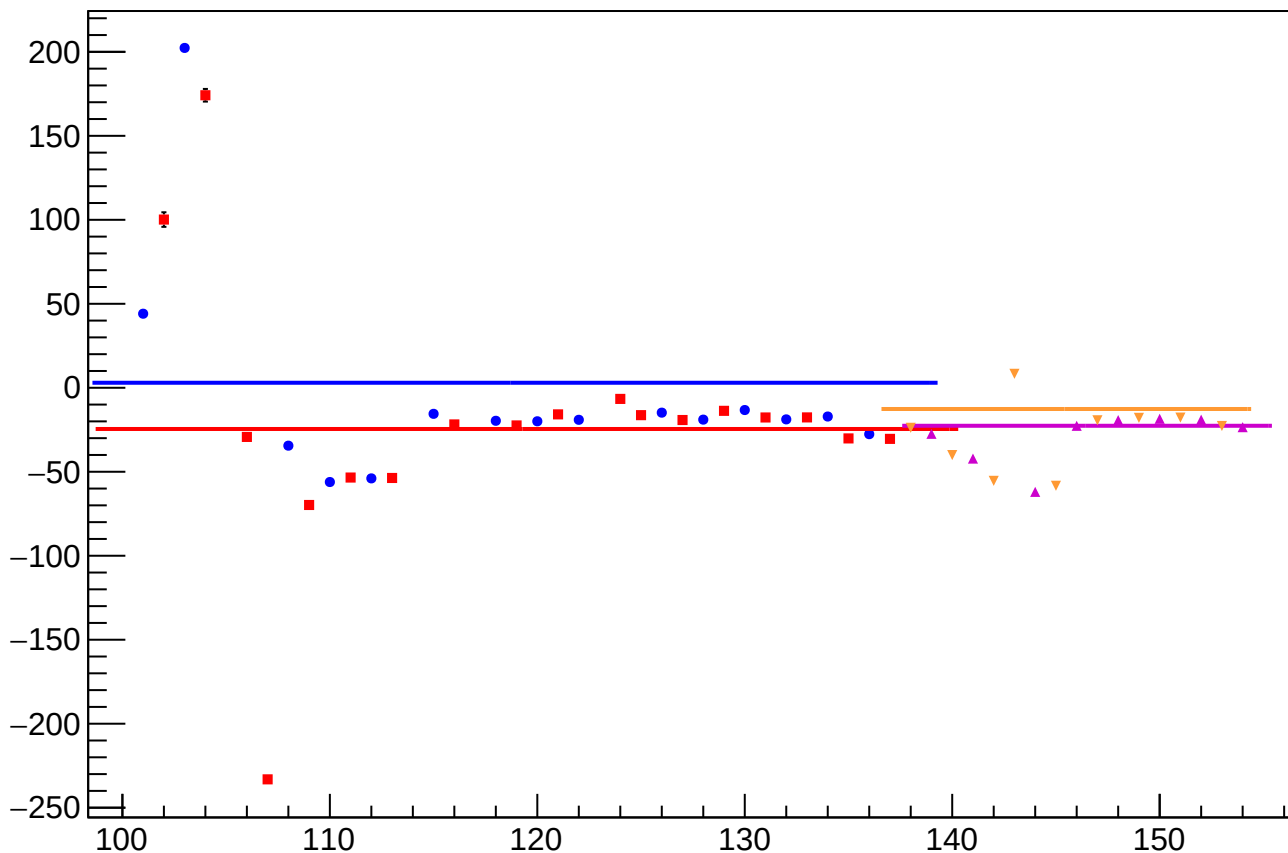
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 63.279+/-0.108 χ^2/NDF : 1329763.0/22

Out: 98.770+/-0.121 χ^2/NDF : 268796.9/26

All: 78.960+/-0.081 χ^2/NDF : 1646253.4/49

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -12.631 ± 0.021 $\chi^2/\text{NDF}: 475569.9/8$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.619 ± 0.023 $\chi^2/\text{NDF}: 116558.8/7$

Left: -17.082 ± 0.015 $\chi^2/\text{NDF}: 697807.8/16$

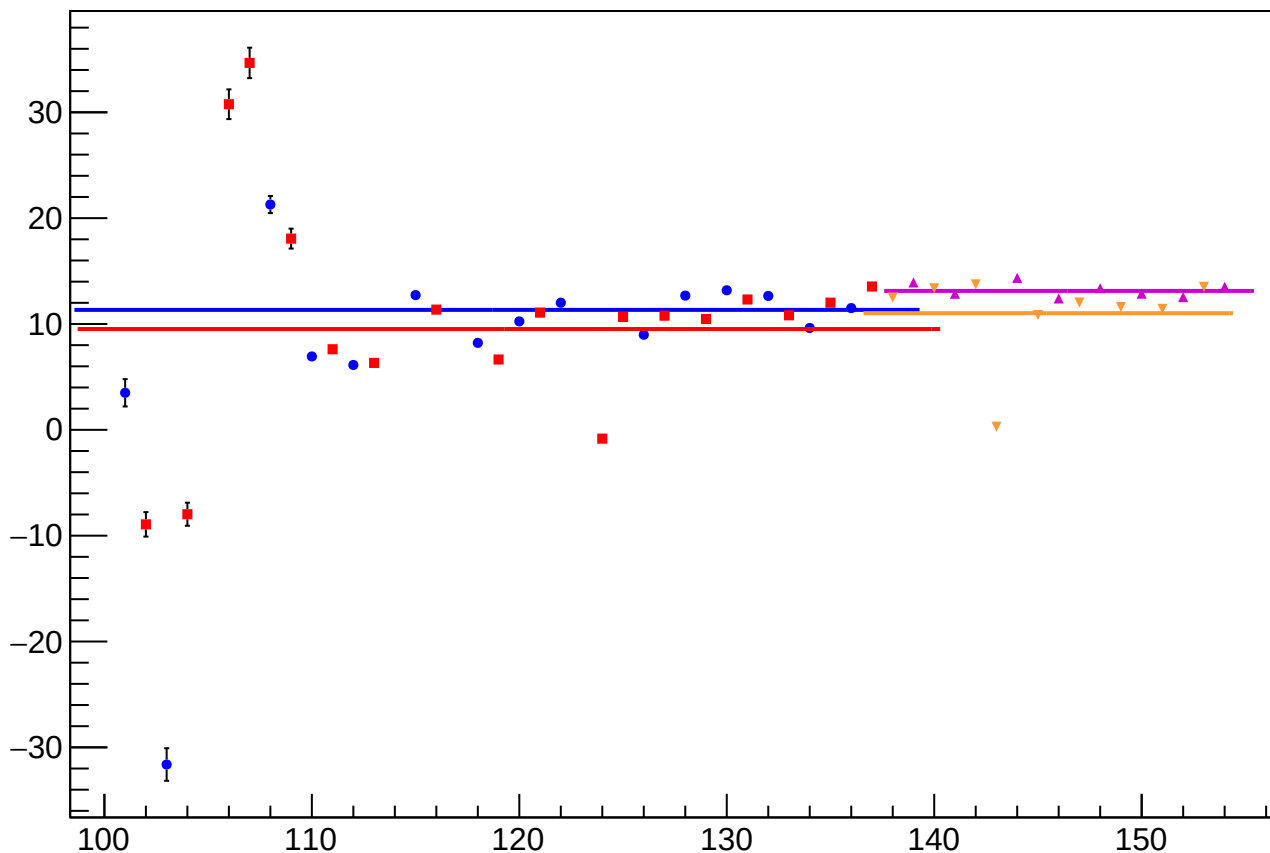
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -11.865 ± 0.017 $\chi^2/\text{NDF}: 4139621.6/22$

Out: -14.786 ± 0.019 $\chi^2/\text{NDF}: 713013.2/26$

All: -13.233 ± 0.013 $\chi^2/\text{NDF}: 4865796.9/49$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.021 $\pm$ 0.025 χ^2 /NDF: 26888.4/8

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.126 $\pm$ 0.021 χ^2 /NDF: 588.7/7

Left: 12.285 $\pm$ 0.016 χ^2 /NDF: 31659.6/16

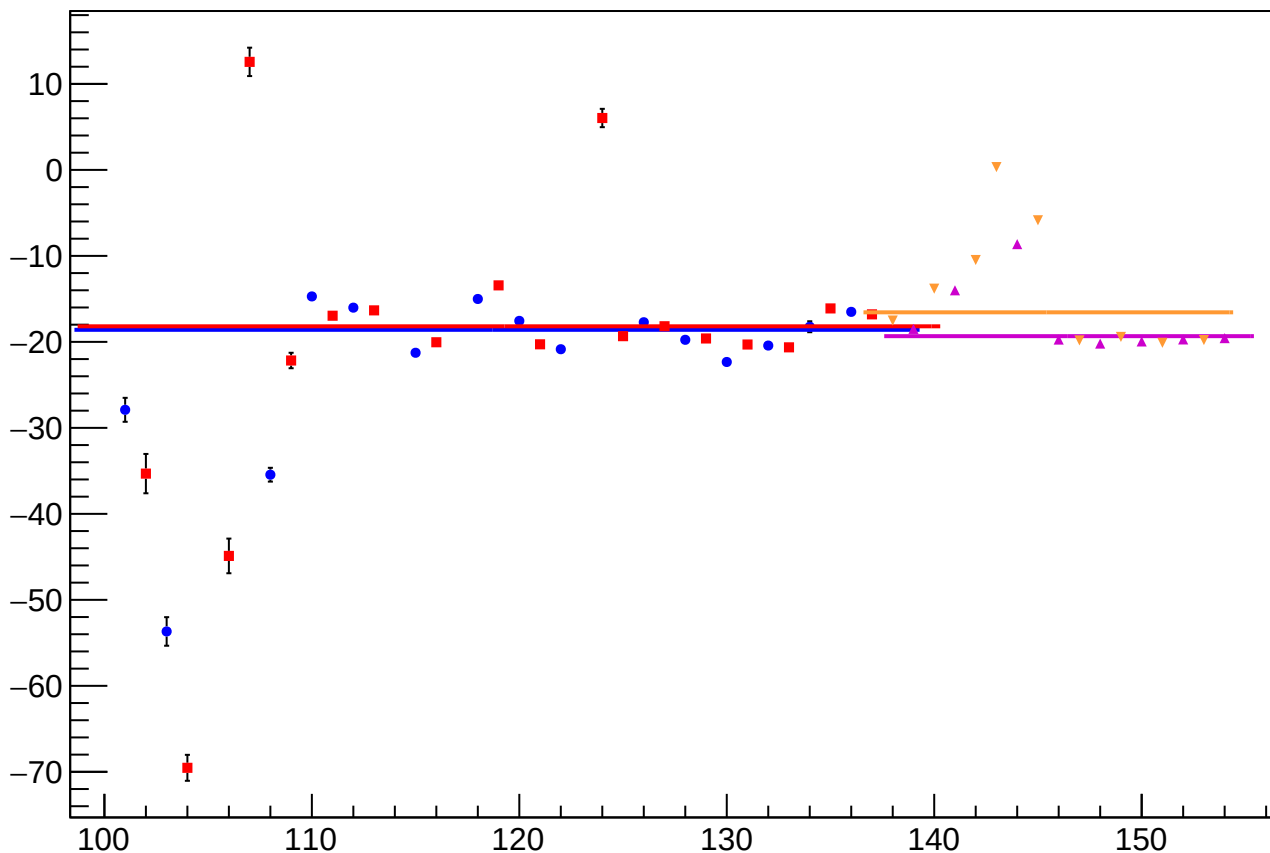
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.709 $\pm$ 0.018 χ^2 /NDF: 4759.2/22

Out: 10.697 $\pm$ 0.022 χ^2 /NDF: 31717.0/26

All: 11.916 $\pm$ 0.014 χ^2 /NDF: 41393.4/49

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -16.564 ± 0.029 $\chi^2/\text{NDF}: 41953.6/8$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.335 ± 0.024 $\chi^2/\text{NDF}: 6106.5/7$

Left: -18.208 ± 0.018 $\chi^2/\text{NDF}: 53564.4/16$

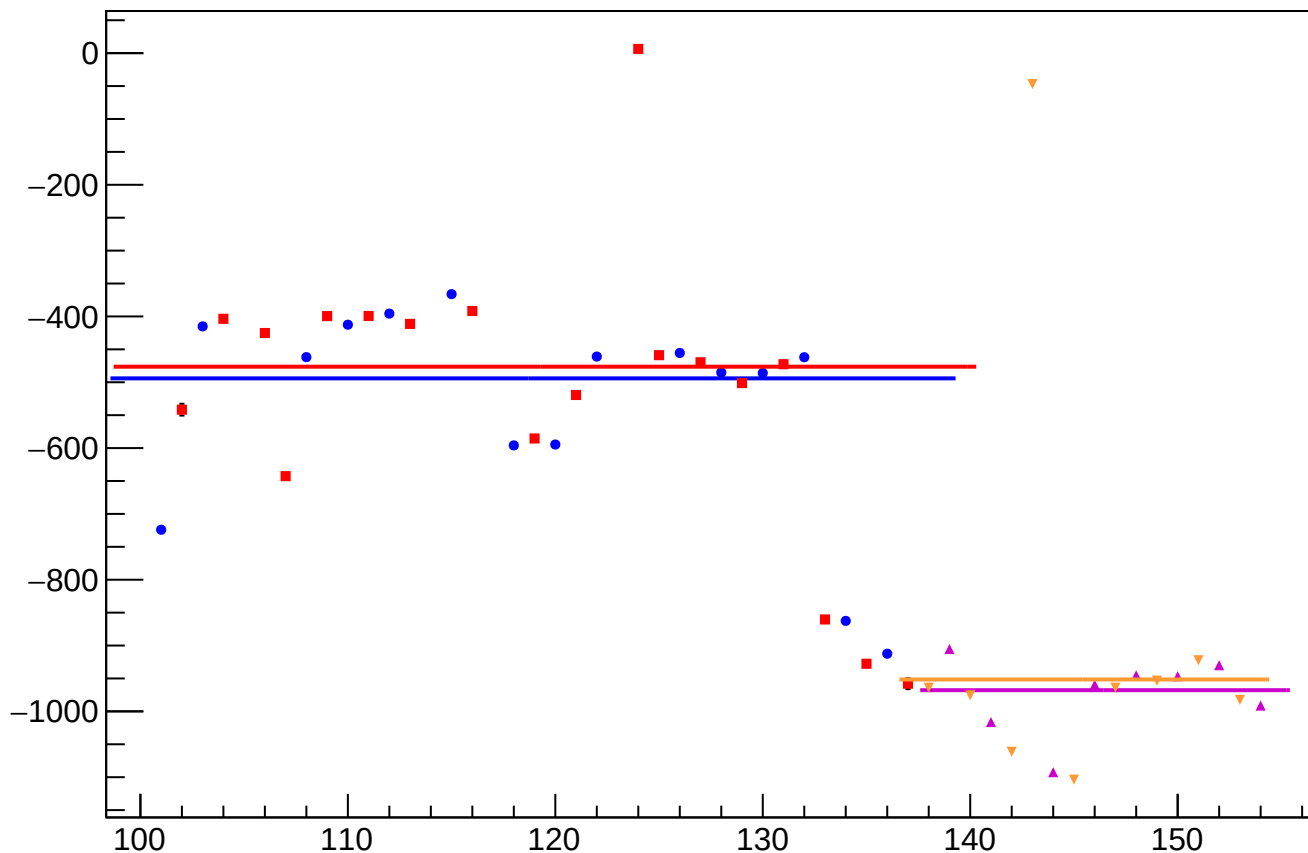
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.120 ± 0.020 $\chi^2/\text{NDF}: 12575.1/22$

Out: -16.975 ± 0.025 $\chi^2/\text{NDF}: 47641.9/26$

All: -18.275 ± 0.016 $\chi^2/\text{NDF}: 64725.7/49$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -951.527 ± 0.257 $\chi^2/\text{NDF}: 307402.8/8$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -967.835 ± 0.290 $\chi^2/\text{NDF}: 19222.9/7$

Left: -958.701 ± 0.192 $\chi^2/\text{NDF}: 328396.3/16$

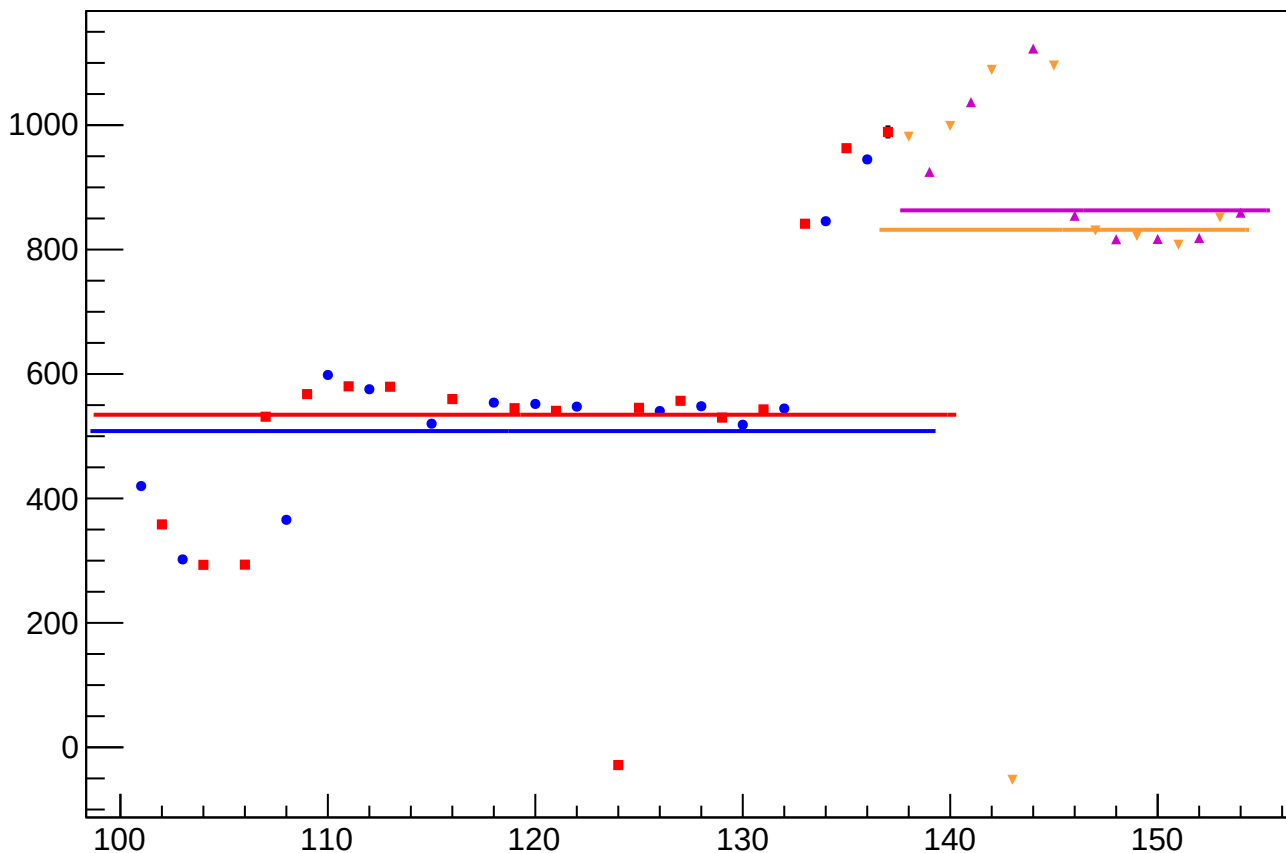
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -679.024 ± 0.181 $\chi^2/\text{NDF}: 1971696.0/22$

Out: -638.644 ± 0.150 $\chi^2/\text{NDF}: 3151718.1/26$

All: -655.091 ± 0.116 $\chi^2/\text{NDF}: 5152842.8/49$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2/NDF : 439489.9/14

Left Out: 831.790 $\pm$ 0.207 χ^2/NDF :409541.3/8

Right Out: 534.536 $\pm$ 0.217 χ^2/NDF : 368263.1/17

Left In: 863.016 $\pm$ 0.253 χ^2/NDF :84173.4/7

Left: 844.288 $\pm$ 0.160 χ^2/NDF : 502834.7/16

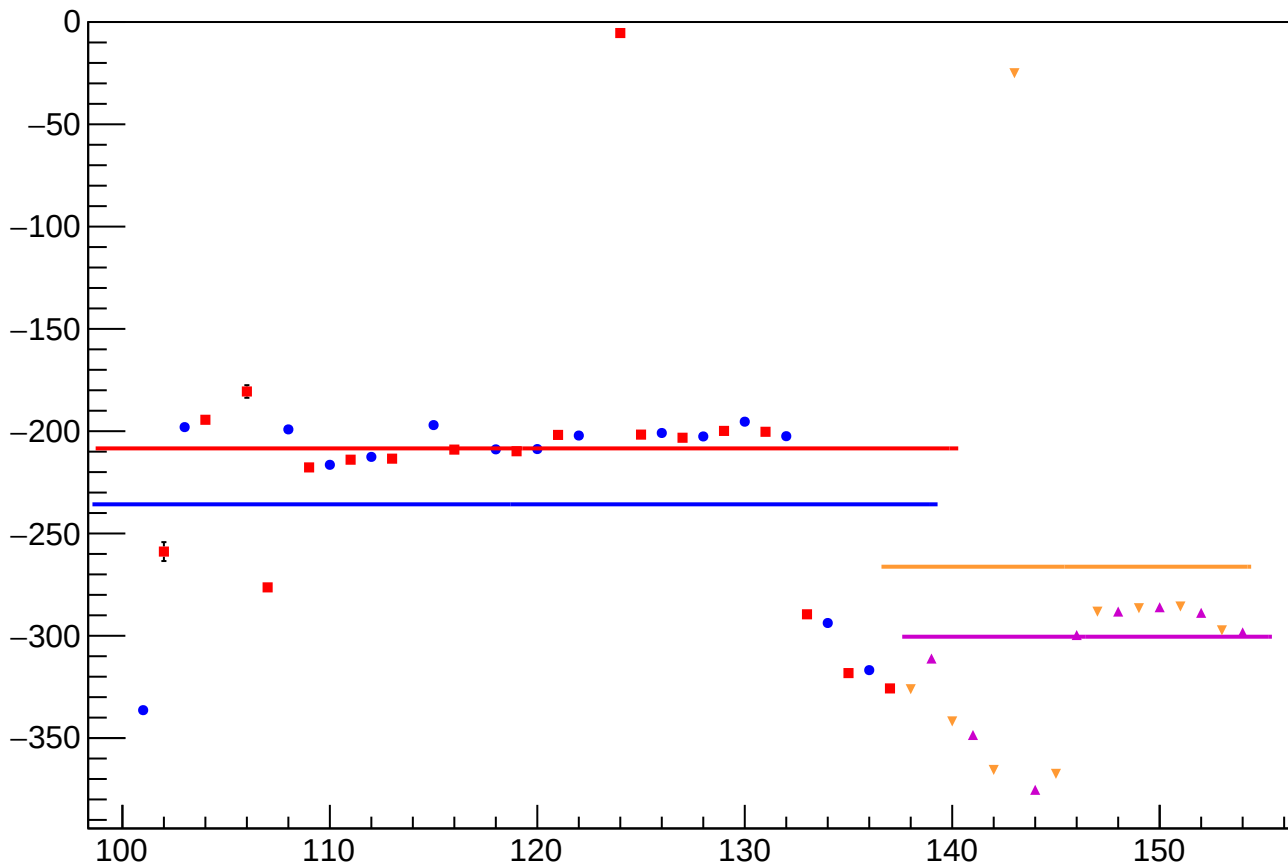
Right: 521.671 $\pm$ 0.155 χ^2/NDF : 814918.8/32

In: 662.169 $\pm$ 0.167 χ^2/NDF :1634759.1/22

Out: 690.387 $\pm$ 0.150 χ^2/NDF :1760053.1/26

All: 677.789 $\pm$ 0.111 χ^2/NDF : 3410656.5/49

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -266.240 ± 0.033 $\chi^2/\text{NDF}: 6097866.4/8$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -300.457 ± 0.041 $\chi^2/\text{NDF}: 220134.1/7$

Left: -279.618 ± 0.026 $\chi^2/\text{NDF}: 6738122.7/16$

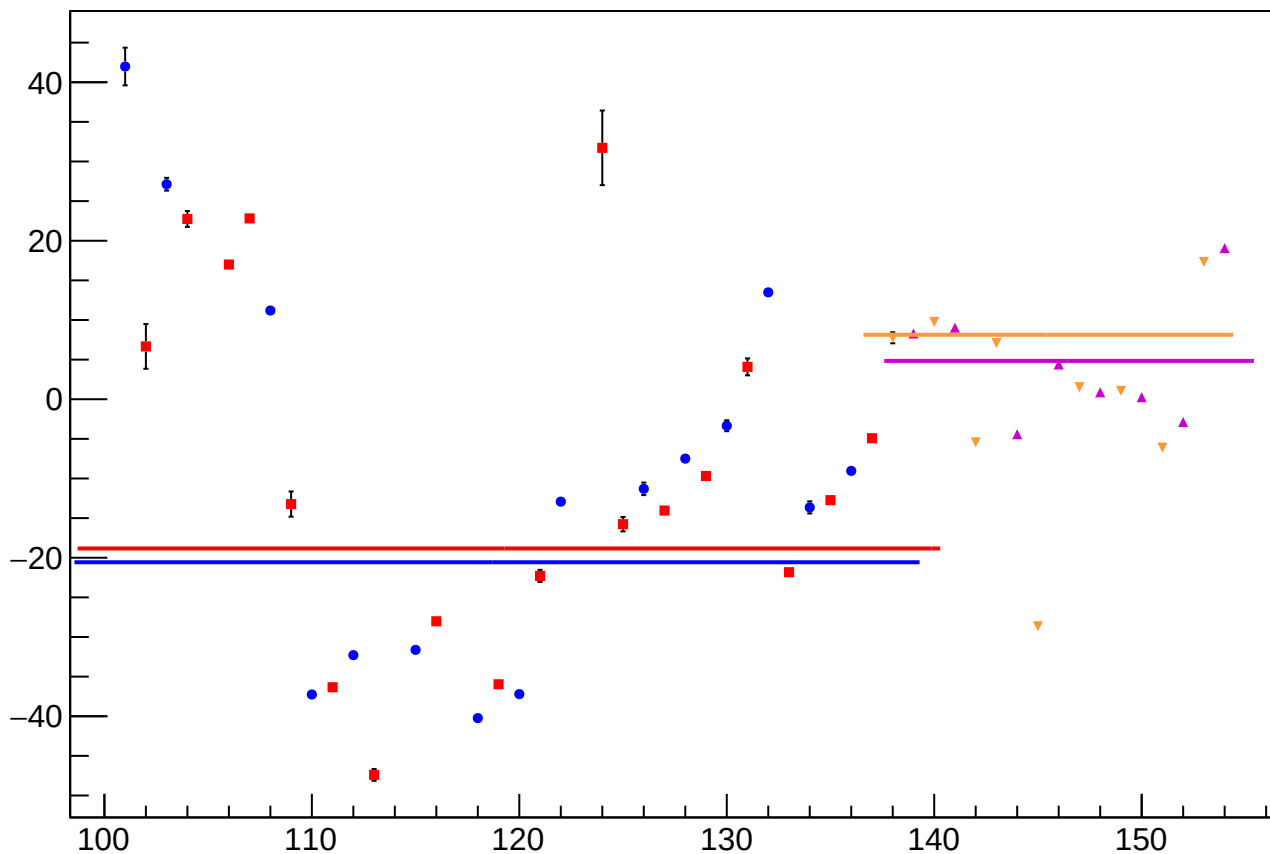
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -277.320 ± 0.033 $\chi^2/\text{NDF}: 1978442.5/22$

Out: -246.999 ± 0.027 $\chi^2/\text{NDF}: 7494041.2/26$

All: -259.129 ± 0.021 $\chi^2/\text{NDF}: 9978353.3/49$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 8.135 ± 0.039 χ^2/NDF : 44899.3/8

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 4.839 ± 0.036 χ^2/NDF : 37157.7/7

Left: 6.360 ± 0.026 χ^2/NDF : 85964.5/16

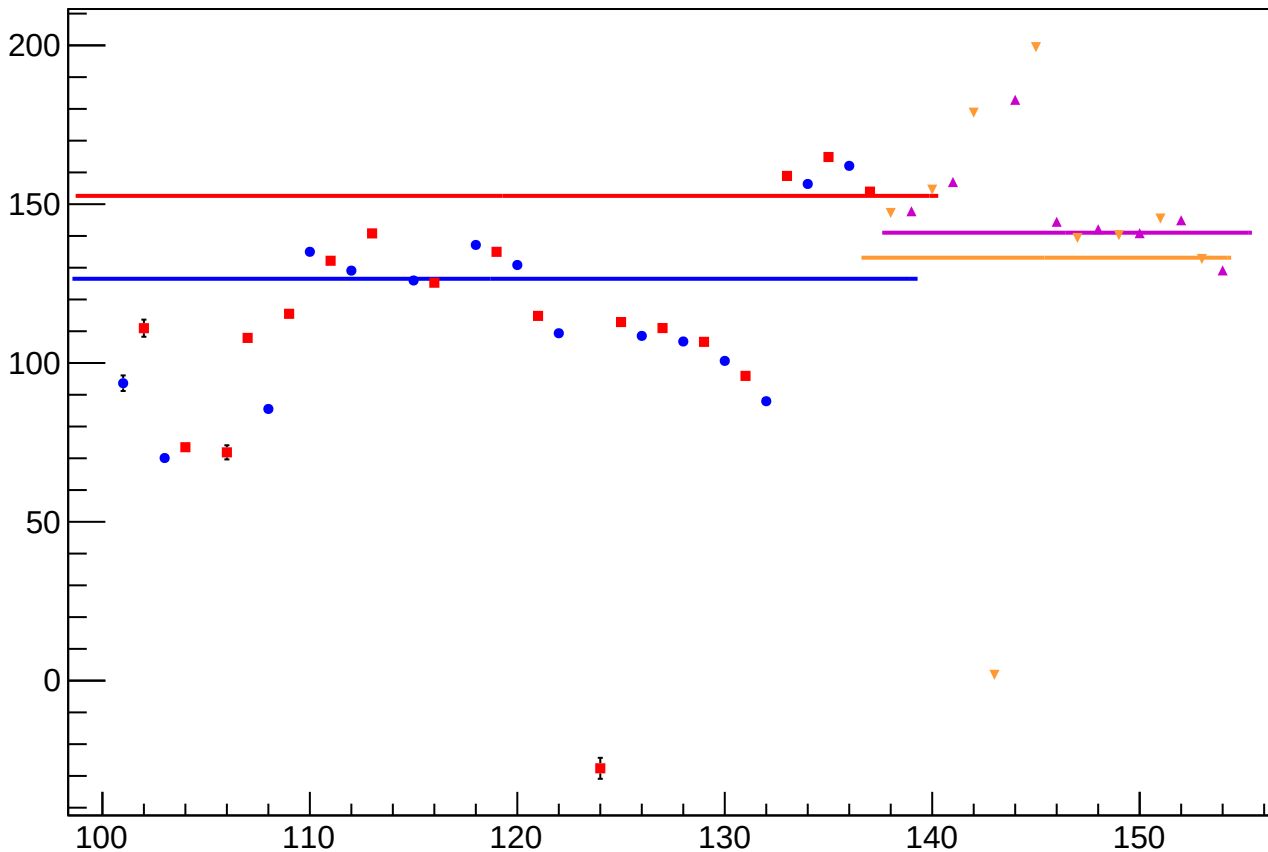
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -0.277 ± 0.032 χ^2/NDF : 201873.9/22

Out: 5.068 ± 0.036 χ^2/NDF : 120998.9/26

All: 2.052 ± 0.024 χ^2/NDF : 335023.0/49

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 133.150 $\pm$ 0.050 χ^2 /NDF: 382159.5/8

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 141.023 $\pm$ 0.044 χ^2 /NDF: 41635.8/7

Left: 137.597 $\pm$ 0.033 χ^2 /NDF: 437550.3/16

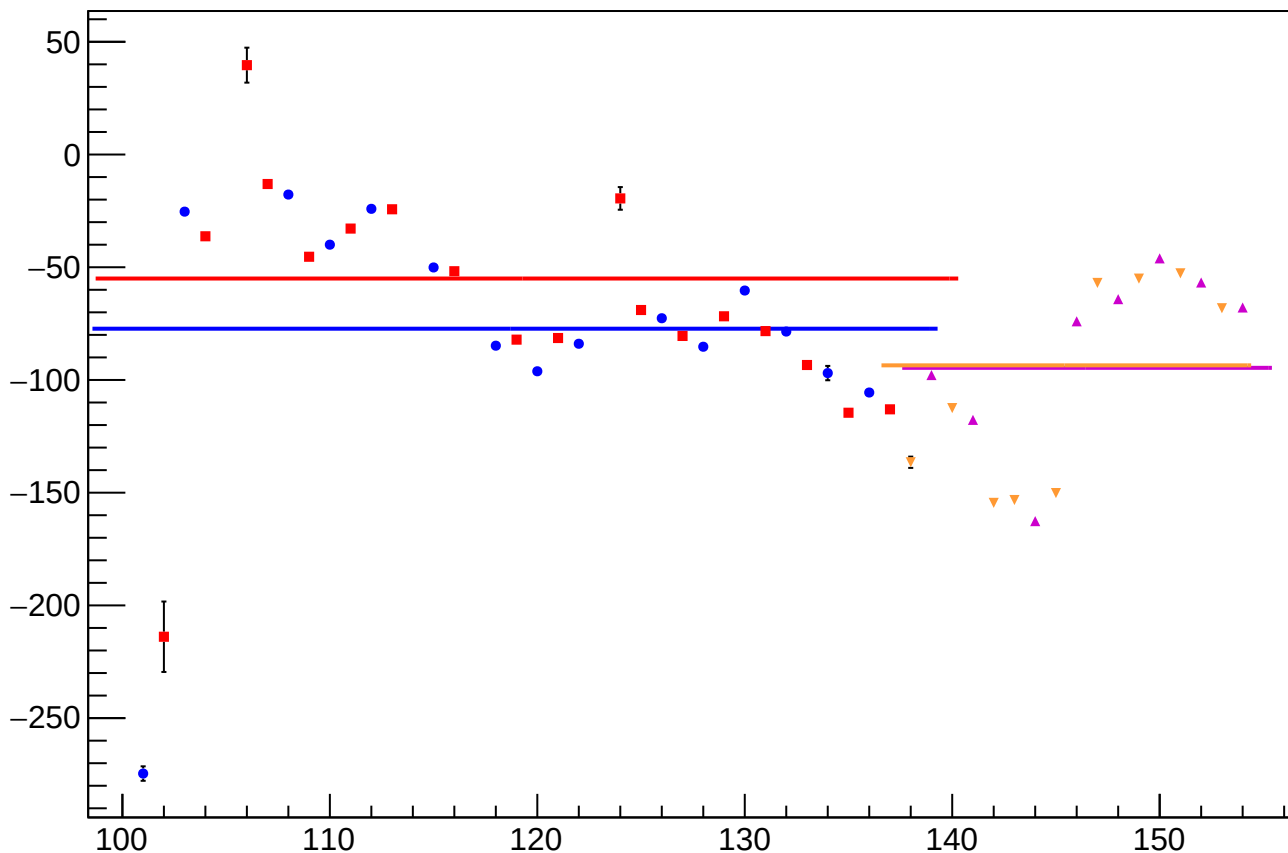
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 137.868 $\pm$ 0.039 χ^2 /NDF: 179938.6/22

Out: 147.446 $\pm$ 0.026 χ^2 /NDF: 565529.9/26

All: 144.516 $\pm$ 0.022 χ^2 /NDF: 786964.9/49

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -93.517 ± 0.192 χ^2/NDF : 46435.5/8

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -94.619 ± 0.181 χ^2/NDF : 44465.4/7

Left: -94.100 ± 0.132 χ^2/NDF : 90918.3/16

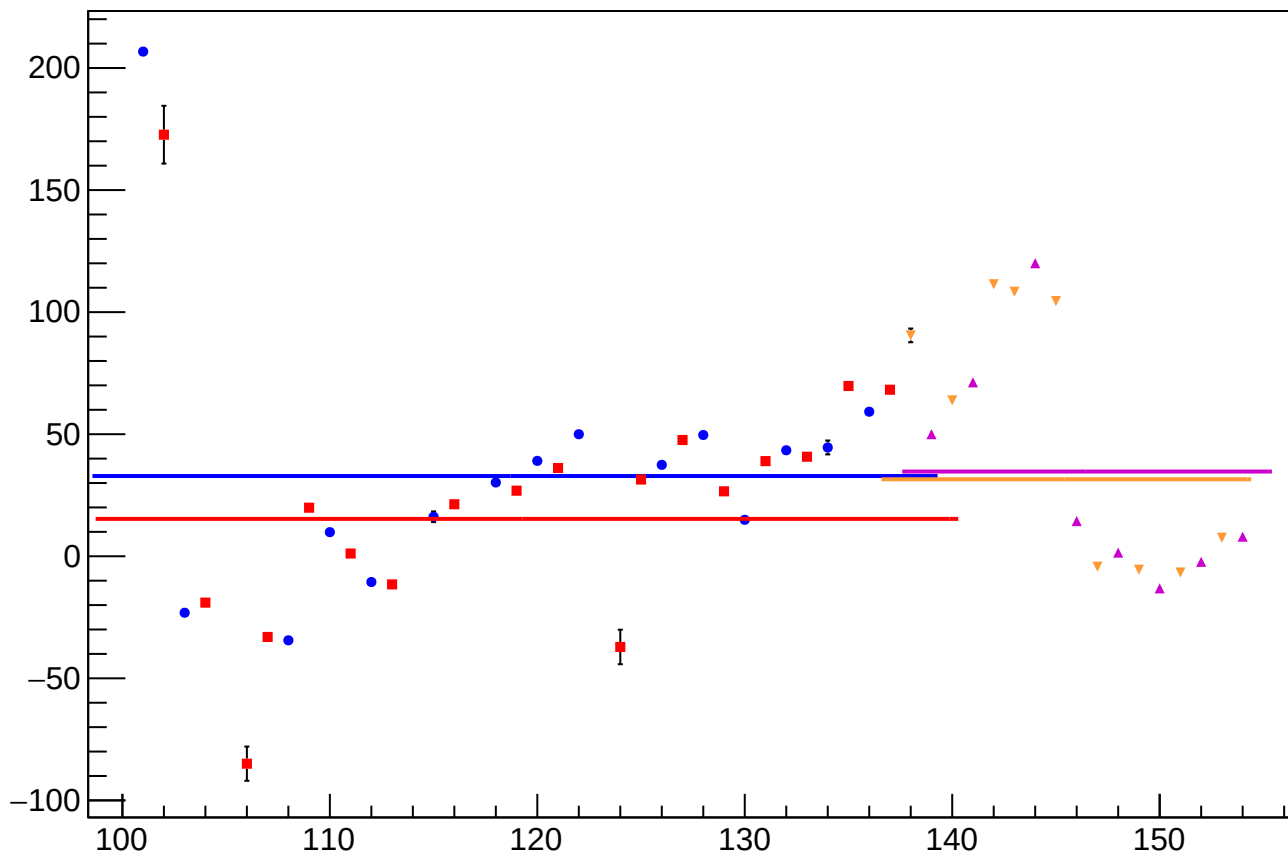
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -84.123 ± 0.114 χ^2/NDF : 80375.3/22

Out: -74.086 ± 0.135 χ^2/NDF : 90364.1/26

All: -79.955 ± 0.087 χ^2/NDF : 173964.5/49

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 31.539 $\pm$ 0.170 χ^2 /NDF: 76117.0/8

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 34.703 $\pm$ 0.162 χ^2 /NDF: 69566.9/7

Left: 33.196 $\pm$ 0.118 χ^2 /NDF: 145864.5/16

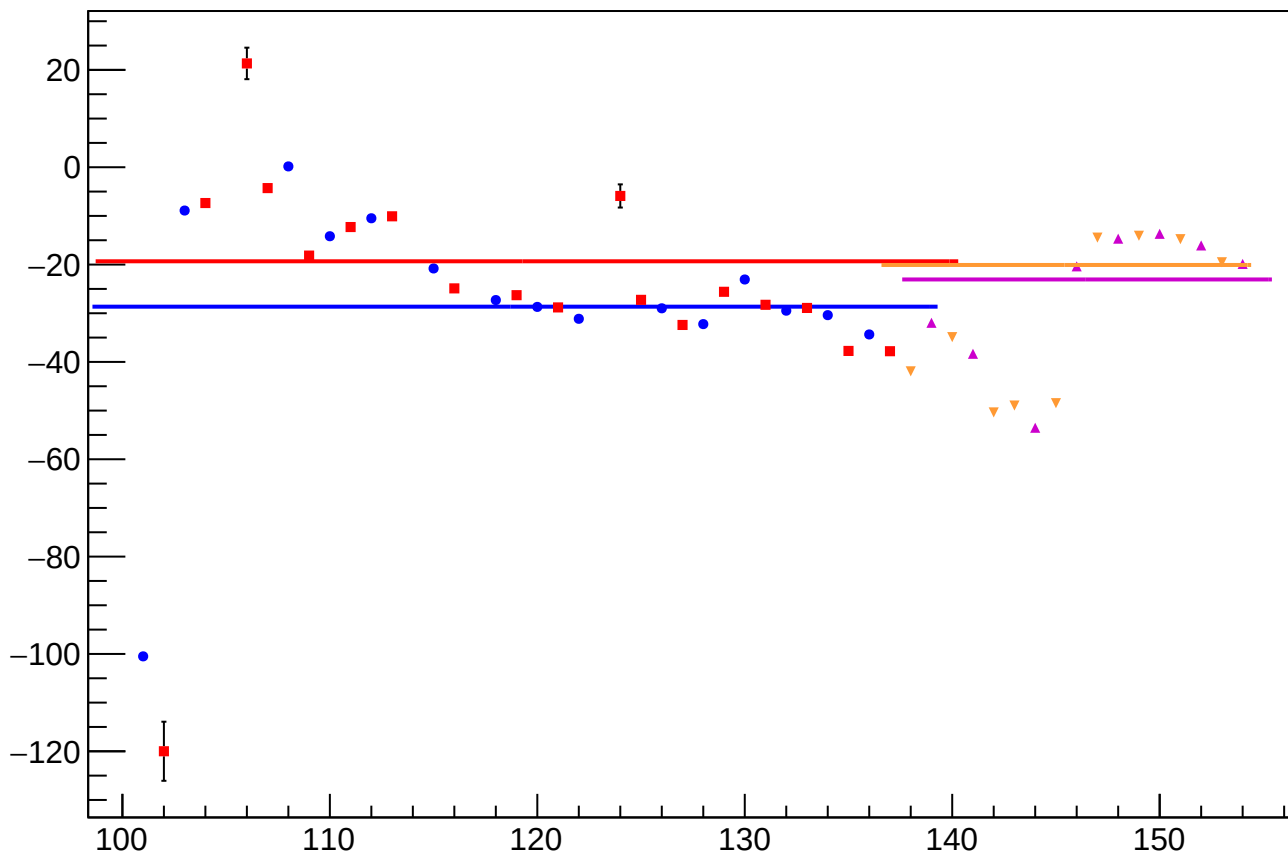
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 33.688 $\pm$ 0.109 χ^2 /NDF: 101031.1/22

Out: 25.086 $\pm$ 0.132 χ^2 /NDF: 96472.6/26

All: 30.223 $\pm$ 0.084 χ^2 /NDF: 200032.1/49

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -20.080 ± 0.024 $\chi^2/\text{NDF}: 209783.0/8$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -23.058 ± 0.025 $\chi^2/\text{NDF}: 155806.6/7$

Left: -21.473 ± 0.017 $\chi^2/\text{NDF}: 373072.6/16$

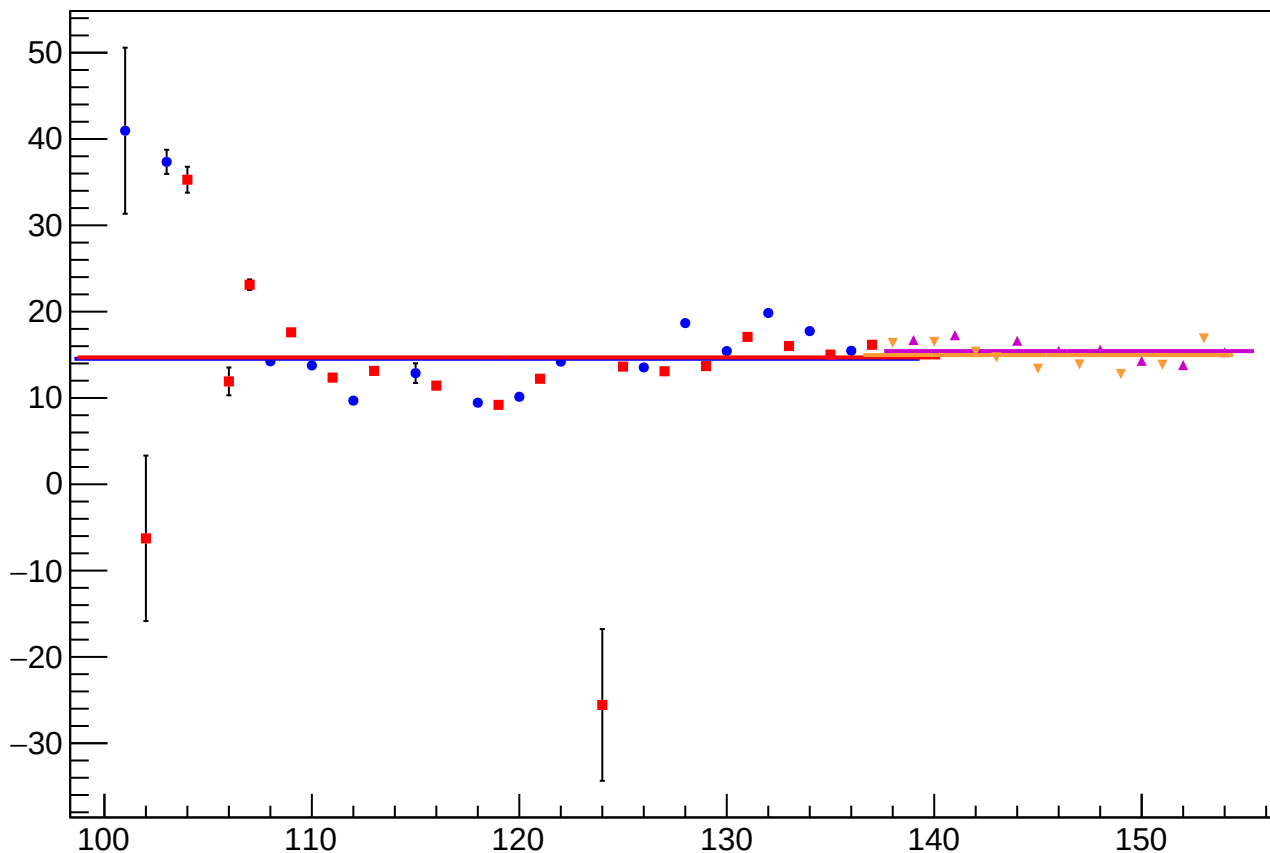
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -25.011 ± 0.020 $\chi^2/\text{NDF}: 286561.4/22$

Out: -19.881 ± 0.020 $\chi^2/\text{NDF}: 266633.7/26$

All: -22.440 ± 0.014 $\chi^2/\text{NDF}: 585347.6/49$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 14.973+/-0.024 χ^2/NDF : 3922.4/8

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.427+/-0.023 χ^2/NDF : 2641.0/7

Left: 15.212+/-0.016 χ^2/NDF : 6755.9/16

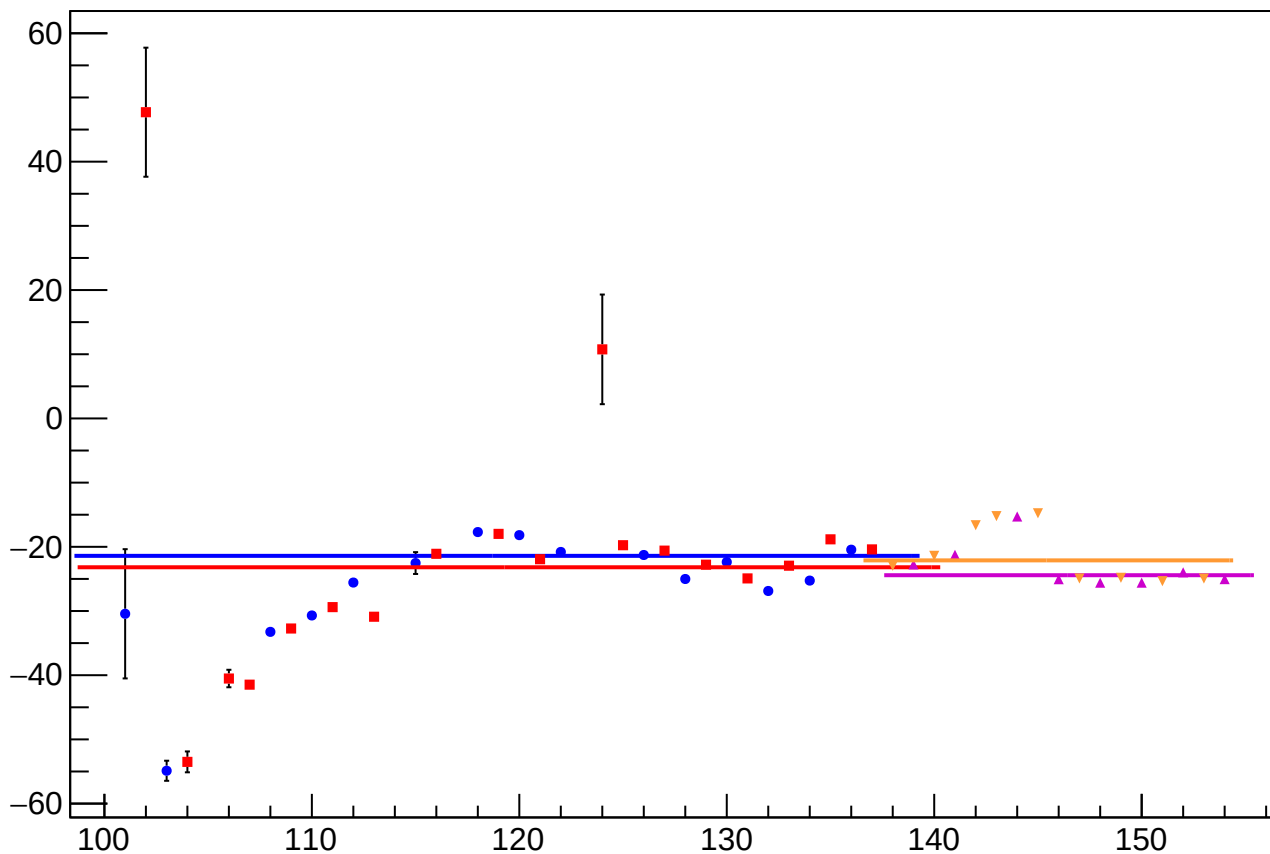
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.103+/-0.018 χ^2/NDF : 15277.2/22

Out: 14.909+/-0.021 χ^2/NDF : 5586.8/26

All: 15.020+/-0.014 χ^2/NDF : 20913.8/49

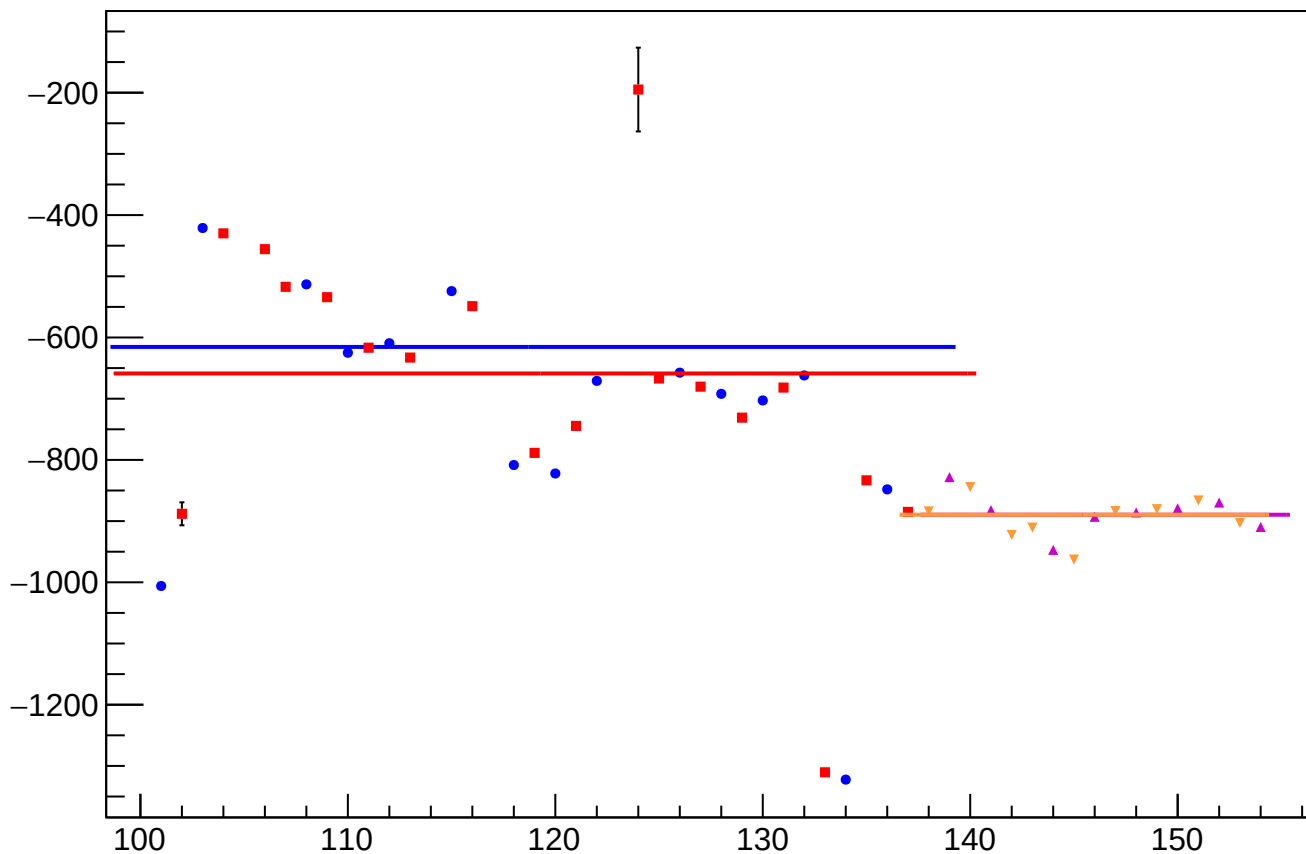
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.112 ± 0.026 $\chi^2/\text{NDF}: 25146.5/8$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -24.423 ± 0.025 $\chi^2/\text{NDF}: 7373.7/7$

Left: -23.309 ± 0.018 $\chi^2/\text{NDF}: 36626.0/16$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.423 ± 0.020 $\chi^2/\text{NDF}: 21870.1/22$
 Out: -22.332 ± 0.023 $\chi^2/\text{NDF}: 34624.6/26$
 All: -22.944 ± 0.015 $\chi^2/\text{NDF}: 57741.1/49$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -889.526+/-0.244 χ^2/NDF :10980.2/8

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.582+/-0.186 χ^2/NDF :12223.5/7

Left: -889.561+/-0.148 χ^2/NDF : 23203.7/16

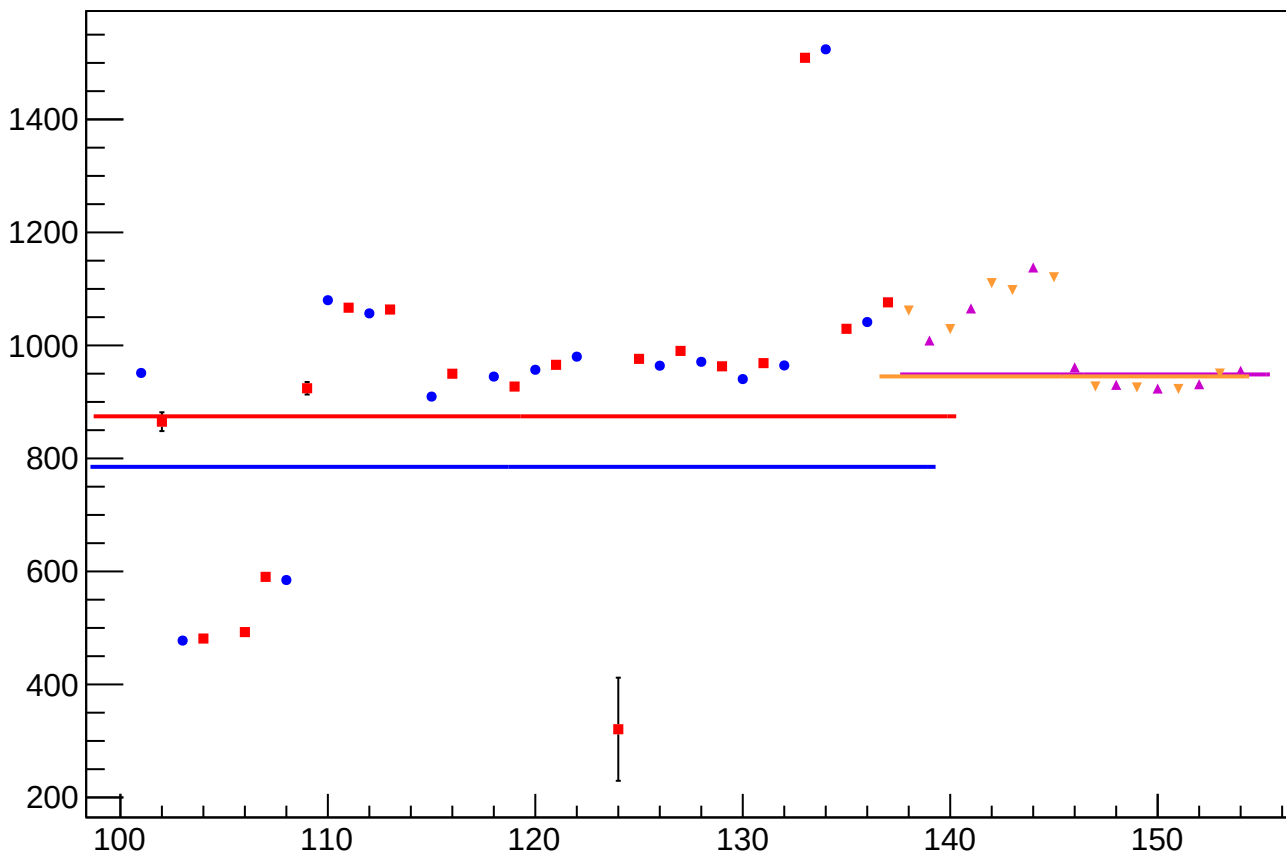
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -785.215+/-0.147 χ^2/NDF :1219627.0/22

Out: -779.793+/-0.177 χ^2/NDF :821294.6/26

All: -783.005+/-0.113 χ^2/NDF : 2041479.0/49

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 945.146+/-0.191 χ^2/NDF : 67876.6/8

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 948.635+/-0.153 χ^2/NDF : 73395.5/7

Left: 947.268+/-0.120 χ^2/NDF : 141474.7/16

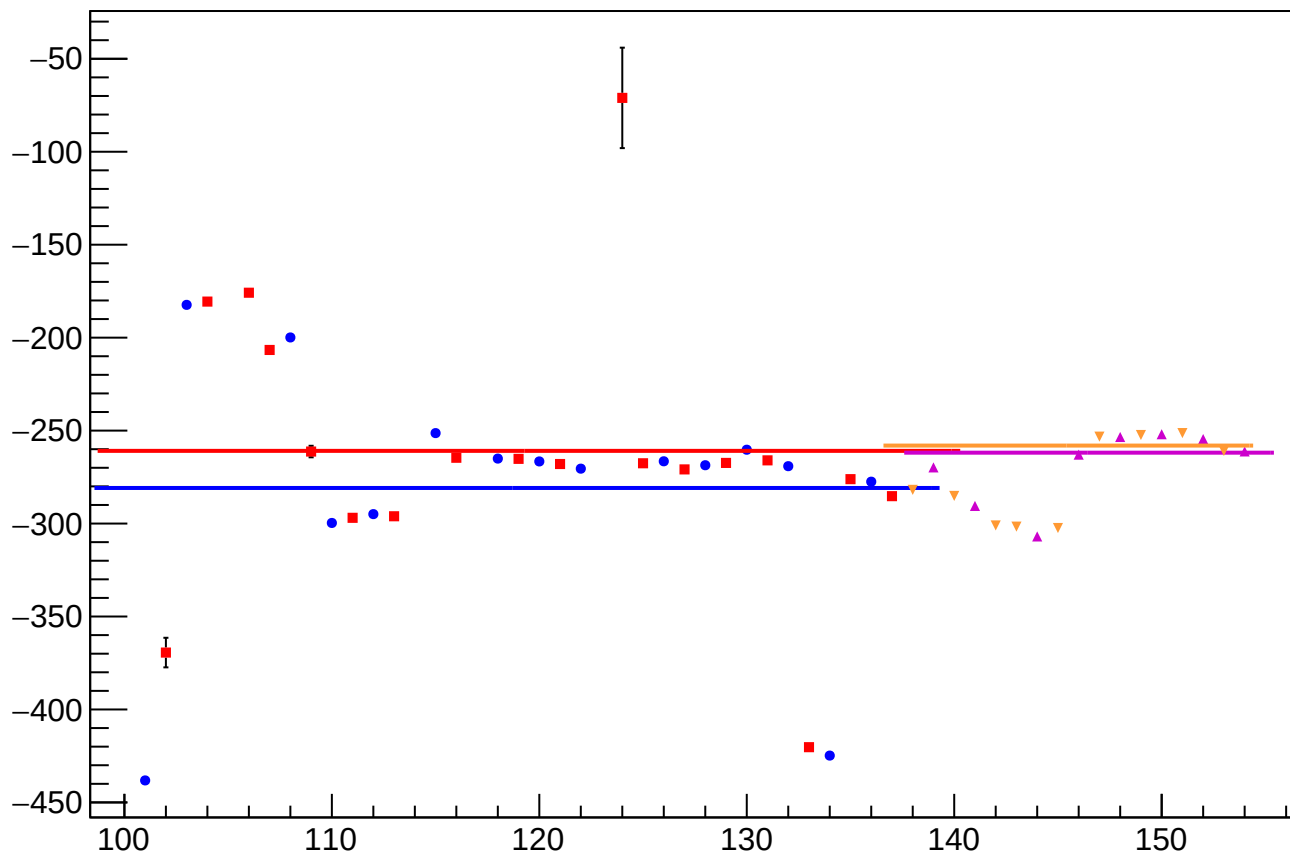
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 897.675+/-0.127 χ^2/NDF : 1313594.2/22

Out: 920.514+/-0.154 χ^2/NDF : 958039.5/26

All: 906.925+/-0.098 χ^2/NDF : 2284671.6/49

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.051 ± 0.030 $\chi^2/\text{NDF}: 155682.0/8$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -261.872 ± 0.029 $\chi^2/\text{NDF}: 161945.0/7$

Left: -260.067 ± 0.021 $\chi^2/\text{NDF}: 325912.0/16$

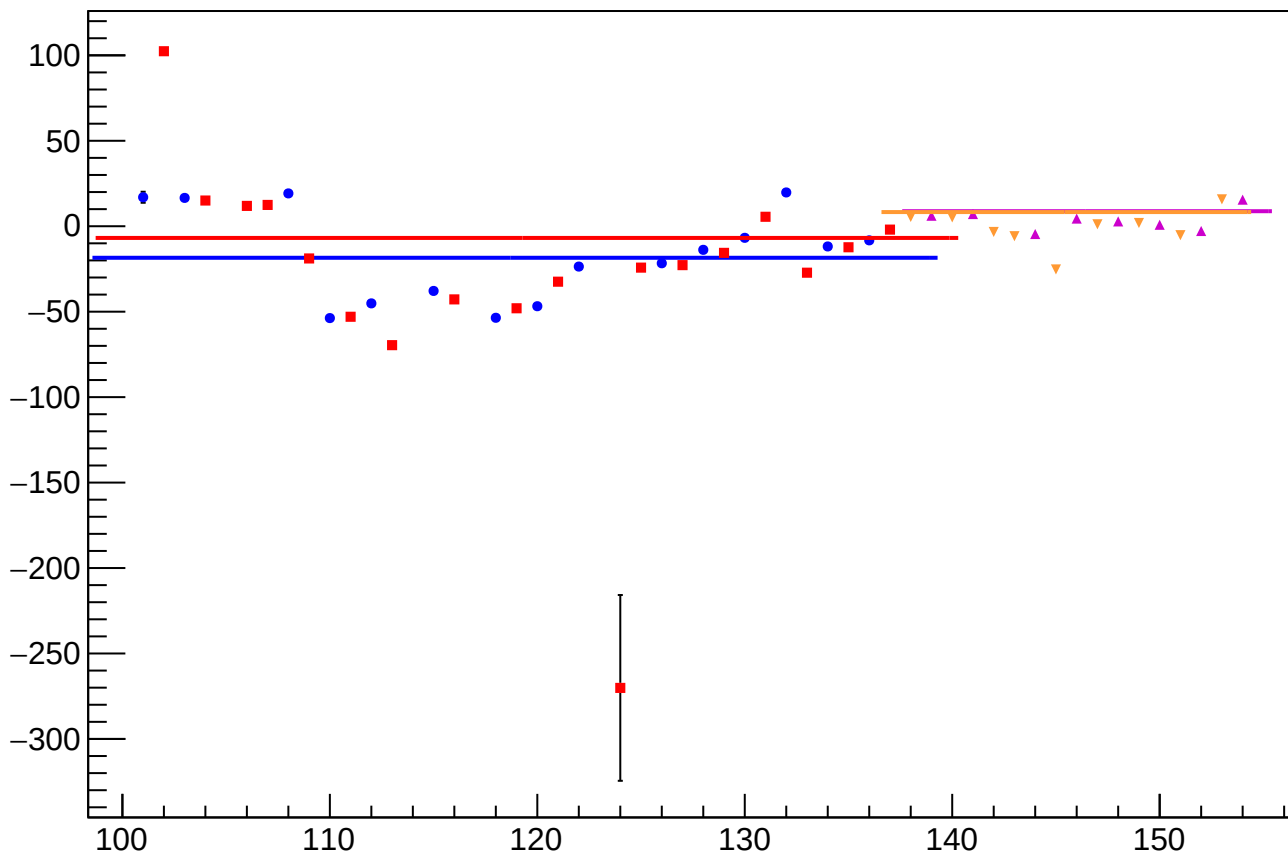
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -265.583 ± 0.026 $\chi^2/\text{NDF}: 1120187.9/22$

Out: -258.532 ± 0.028 $\chi^2/\text{NDF}: 504874.0/26$

All: -262.309 ± 0.019 $\chi^2/\text{NDF}: 1659528.4/49$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 8.291 ± 0.039 $\chi^2/\text{NDF}: 40845.1/8$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 8.793 ± 0.030 $\chi^2/\text{NDF}: 53729.0/7$

Left: 8.610 ± 0.024 $\chi^2/\text{NDF}: 94678.5/16$

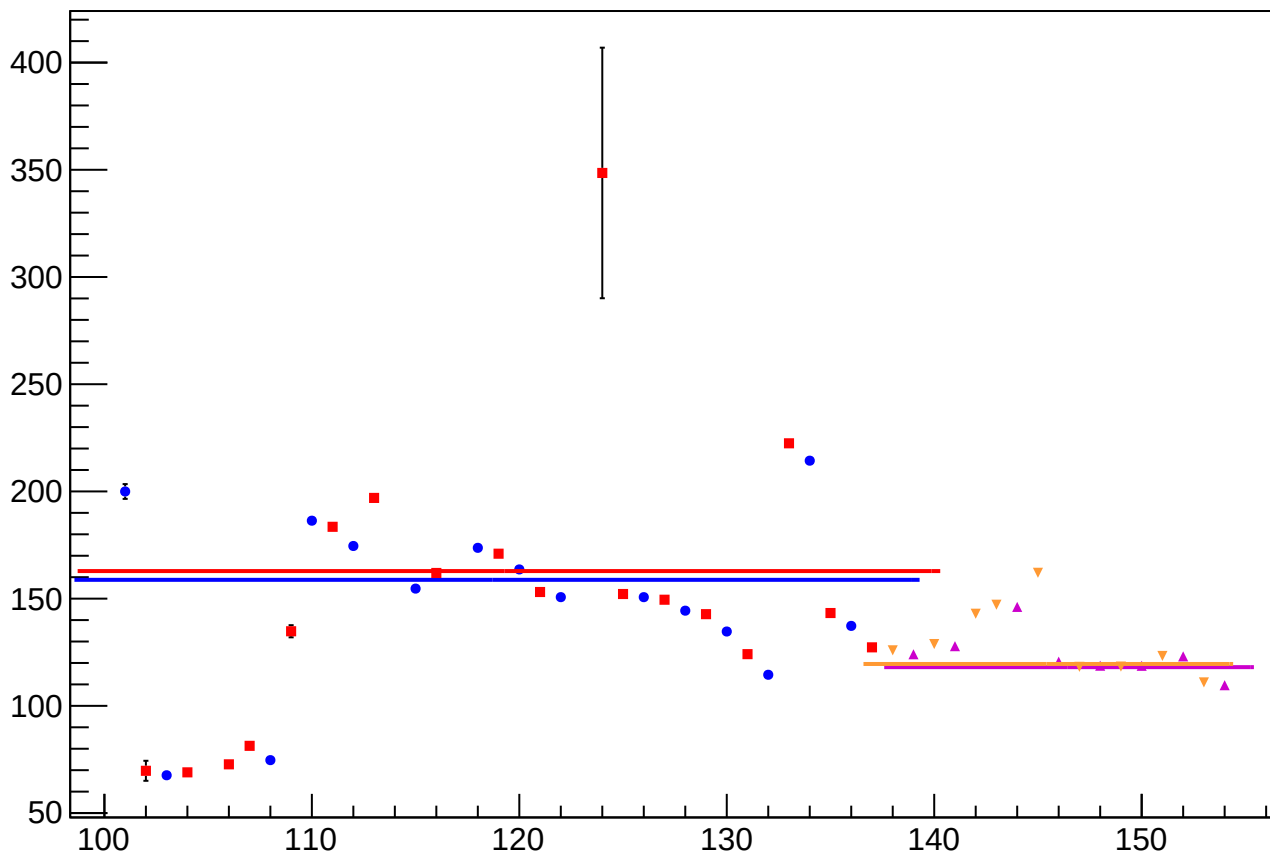
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 6.198 ± 0.028 $\chi^2/\text{NDF}: 180919.3/22$

Out: 4.224 ± 0.033 $\chi^2/\text{NDF}: 131036.8/26$

All: 5.380 ± 0.022 $\chi^2/\text{NDF}: 313991.2/49$

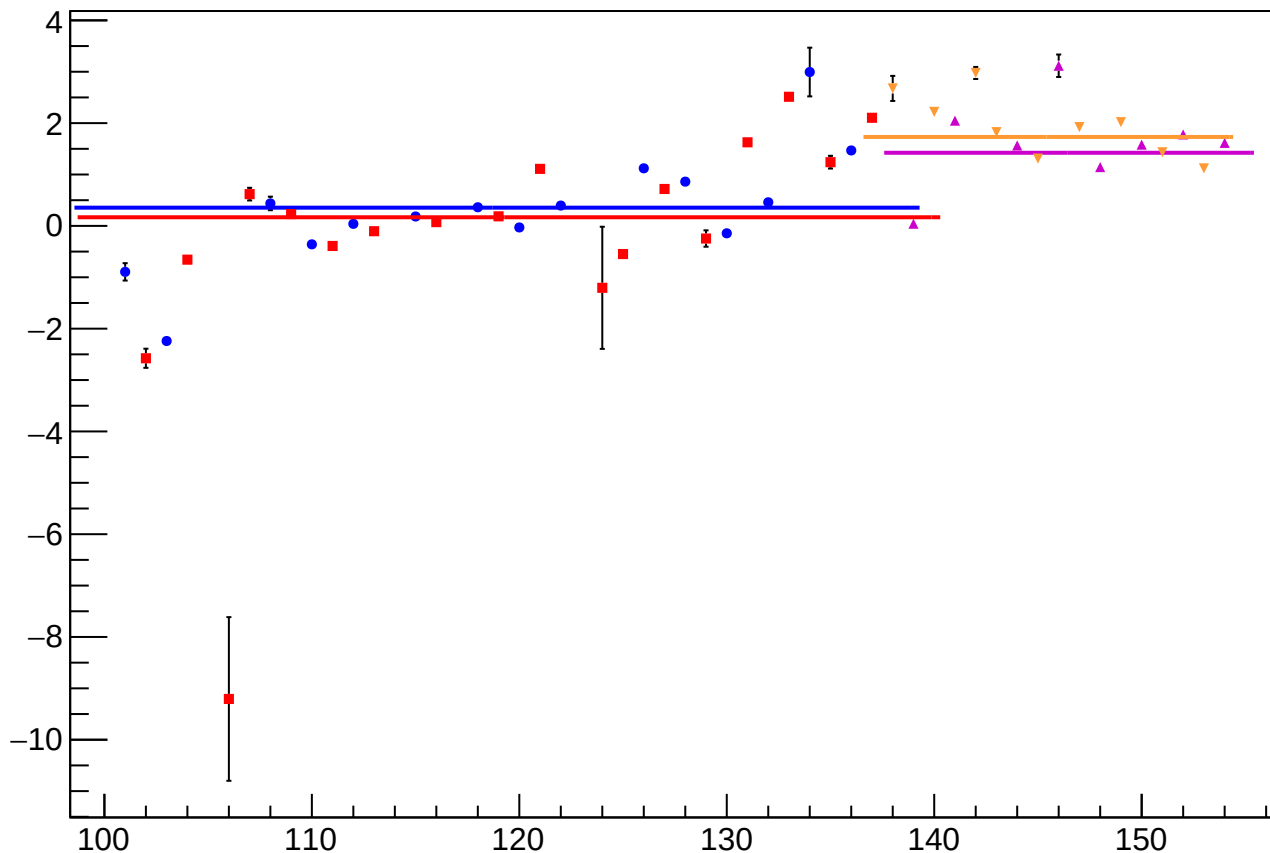
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 119.528 $\pm$ 0.047 χ^2 /NDF: 44793.1/8
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 118.051 $\pm$ 0.038 χ^2 /NDF: 30529.1/7

Left: 118.639 $\pm$ 0.029 χ^2 /NDF: 75924.7/16
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 124.401 $\pm$ 0.035 χ^2 /NDF: 369017.0/22
 Out: 128.205 $\pm$ 0.042 χ^2 /NDF: 373565.9/26
 All: 125.965 $\pm$ 0.027 χ^2 /NDF: 747473.8/49

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.731 $\pm$ 0.016 χ^2/NDF : 597.0/8

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.423 $\pm$ 0.011 χ^2/NDF : 2829.8/7

Left: 1.515 $\pm$ 0.009 χ^2/NDF : 3673.4/16

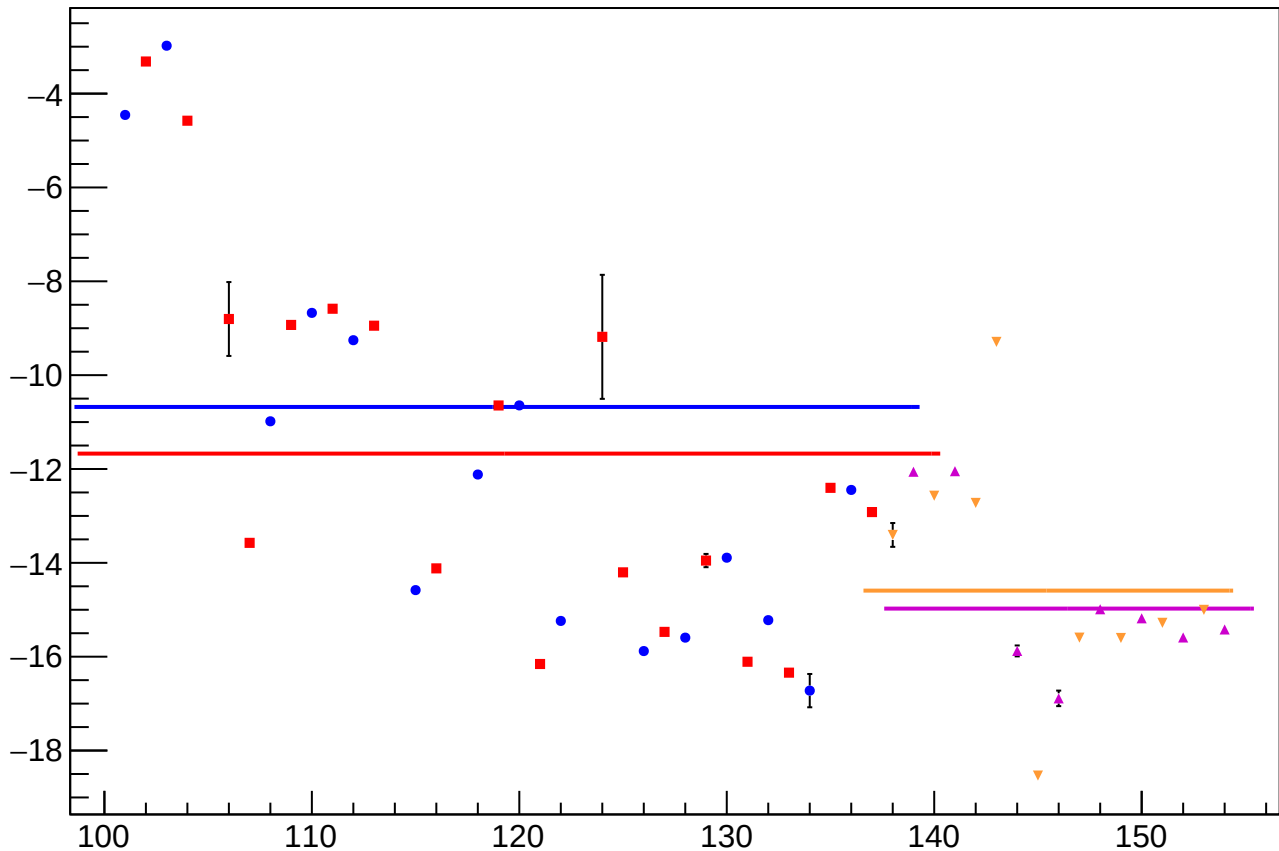
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.940 $\pm$ 0.008 χ^2/NDF : 11359.3/22

Out: 0.446 $\pm$ 0.007 χ^2/NDF : 12639.3/26

All: 0.661 $\pm$ 0.005 χ^2/NDF : 26200.7/49

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.592 ± 0.013 $\chi^2/\text{NDF}: 28454.7/8$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.975 ± 0.010 $\chi^2/\text{NDF}: 10725.1/7$

Left: -14.841 ± 0.008 $\chi^2/\text{NDF}: 39718.9/16$

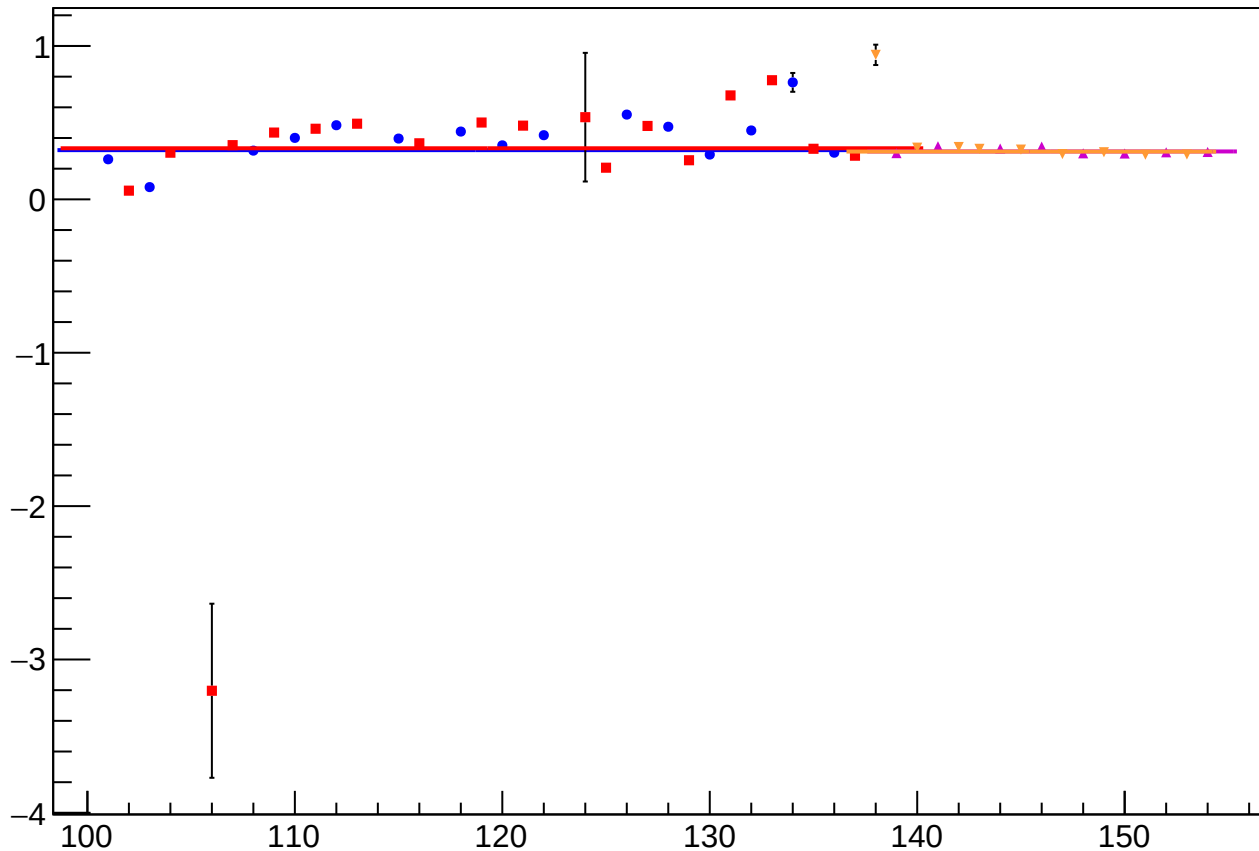
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -12.938 ± 0.007 $\chi^2/\text{NDF}: 329458.4/22$

Out: -12.937 ± 0.009 $\chi^2/\text{NDF}: 163553.3/26$

All: -12.938 ± 0.006 $\chi^2/\text{NDF}: 493011.6/49$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.312 ± 0.000 $\chi^2/\text{NDF}: 2258.9/8$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.312 ± 0.000 $\chi^2/\text{NDF}: 1397.0/7$

Left: 0.312 ± 0.000 $\chi^2/\text{NDF}: 3657.4/16$

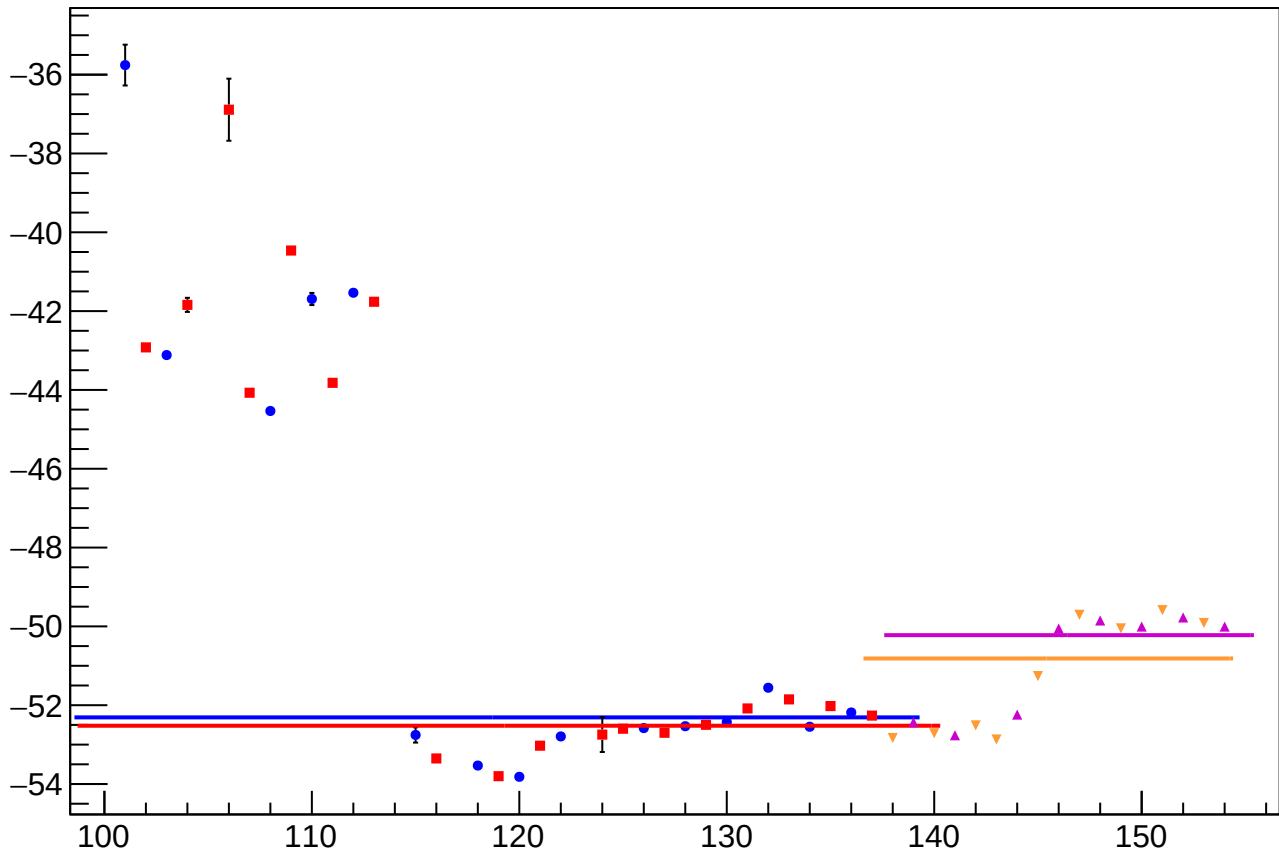
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.313 ± 0.000 $\chi^2/\text{NDF}: 5487.6/22$

Out: 0.314 ± 0.000 $\chi^2/\text{NDF}: 6692.2/26$

All: 0.314 ± 0.000 $\chi^2/\text{NDF}: 12180.1/49$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.814 ± 0.003 χ^2/NDF : 189484.6/8

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.222 ± 0.002 χ^2/NDF : 154180.2/7

Left: -50.386 ± 0.002 χ^2/NDF : 368972.4/16

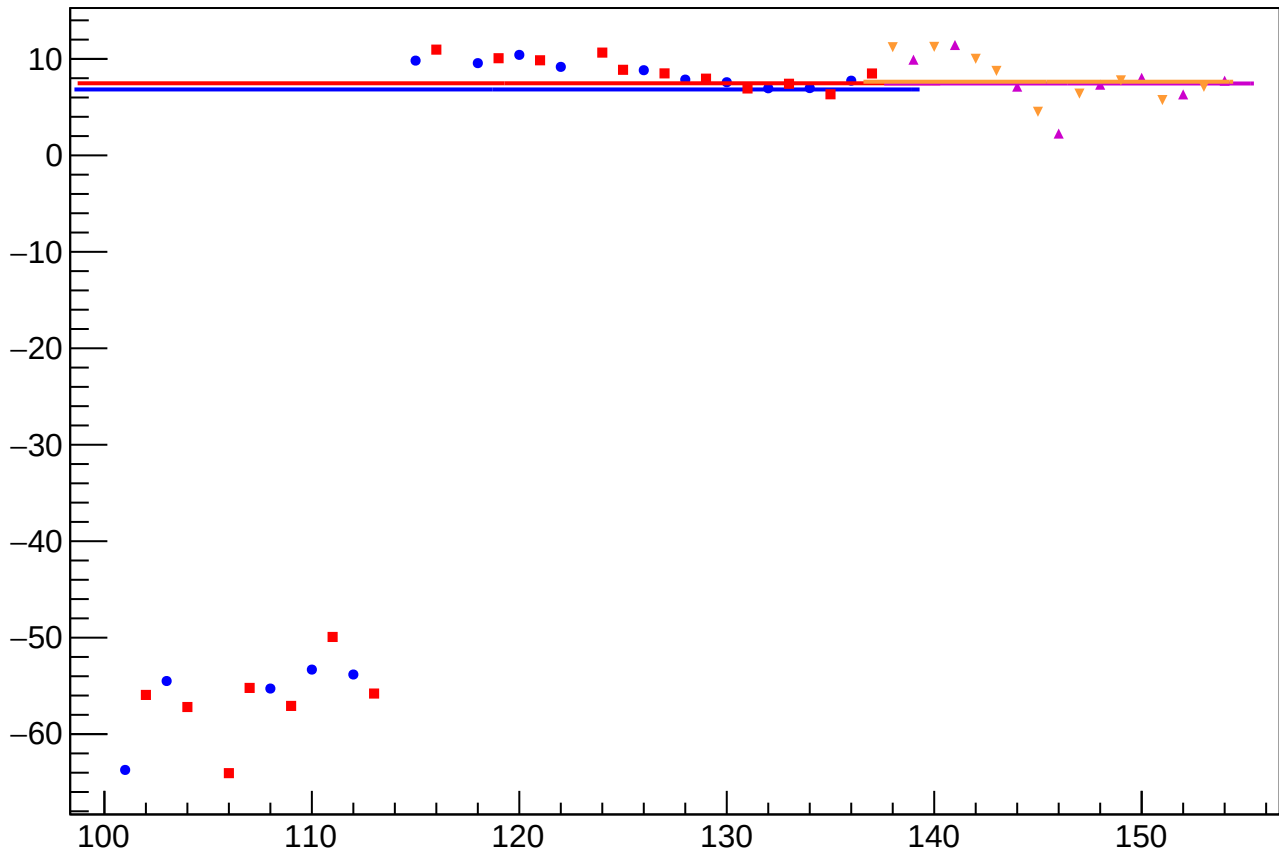
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.565 ± 0.002 χ^2/NDF : 394502.0/22

Out: -51.362 ± 0.003 χ^2/NDF : 359316.1/26

All: -50.819 ± 0.001 χ^2/NDF : 817434.9/49

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.636 ± 0.007 $\chi^2/\text{NDF}: 71004.7/8$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.452 ± 0.004 $\chi^2/\text{NDF}: 92997.8/7$

Left: 7.506 ± 0.004 $\chi^2/\text{NDF}: 164546.8/16$

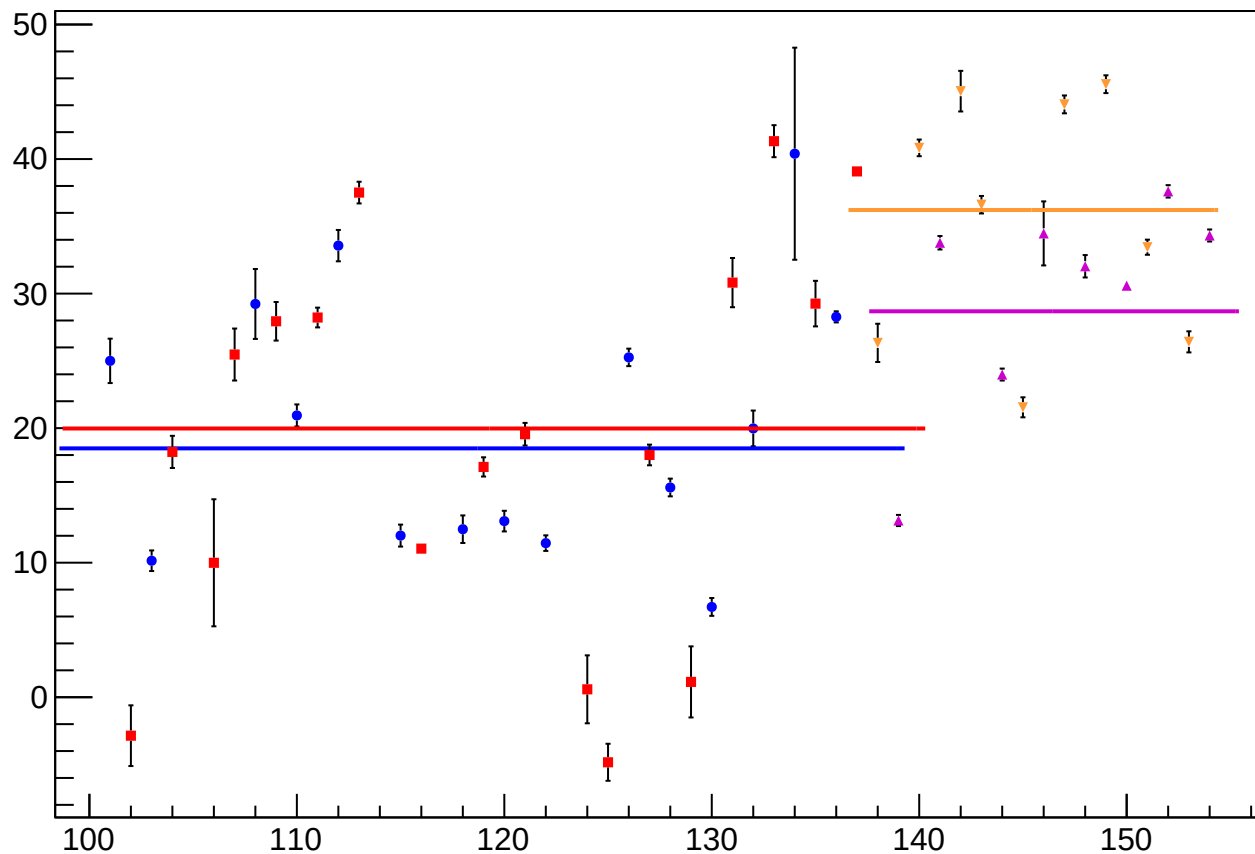
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.196 ± 0.003 $\chi^2/\text{NDF}: 1092314.1/22$

Out: 7.581 ± 0.005 $\chi^2/\text{NDF}: 1266704.9/26$

All: 7.299 ± 0.003 $\chi^2/\text{NDF}: 2362768.7/49$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.212 ± 0.242 χ^2/NDF : 1047.7/8

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 28.684 ± 0.167 χ^2/NDF : 2212.9/7

Left: 31.116 ± 0.138 χ^2/NDF : 3914.9/16

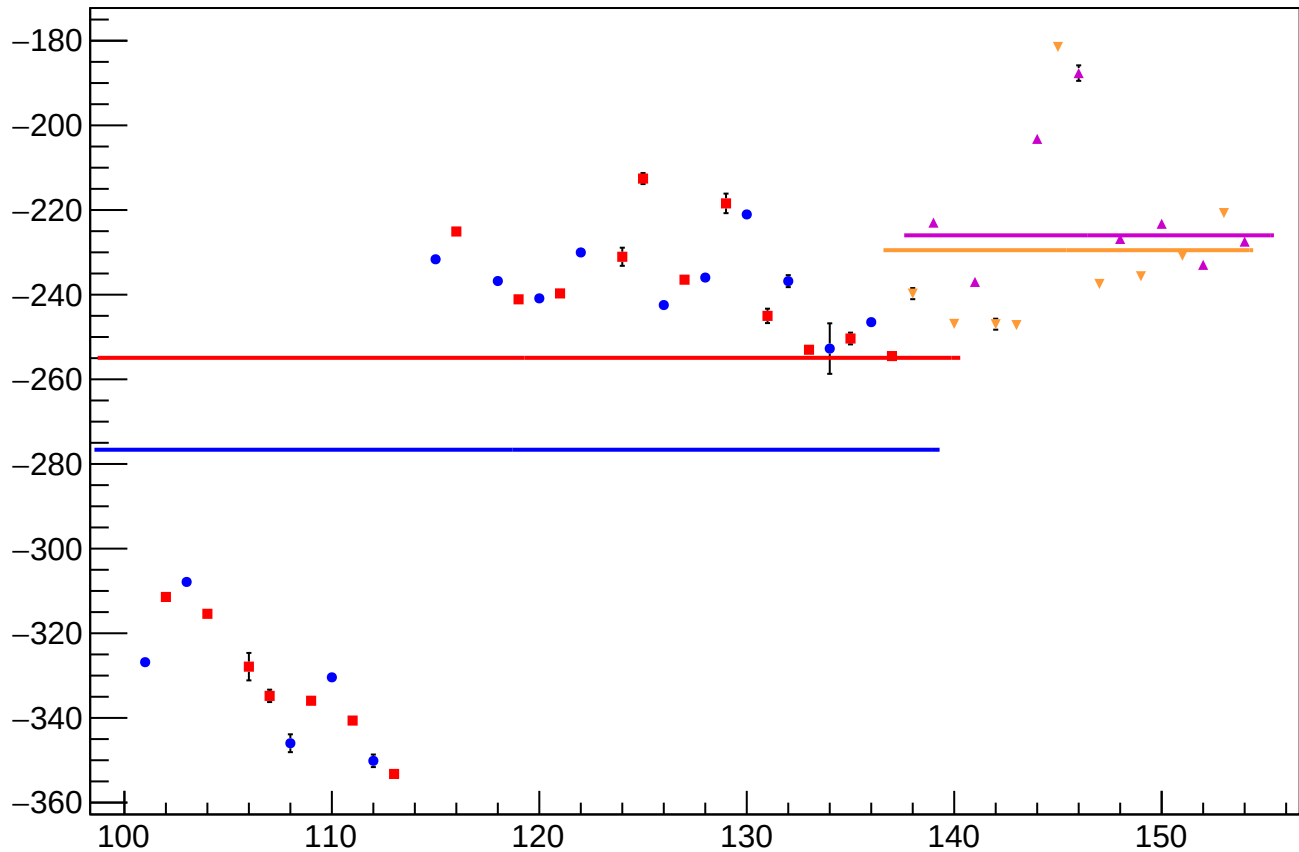
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 24.492 ± 0.128 χ^2/NDF : 5375.9/22

Out: 23.615 ± 0.115 χ^2/NDF : 13738.0/26

All: 24.004 ± 0.086 χ^2/NDF : 19139.9/49

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -229.492 ± 0.194 $\chi^2/\text{NDF}: 10889.4/8$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -225.983 ± 0.145 $\chi^2/\text{NDF}: 2540.2/7$

Left: -227.242 ± 0.116 $\chi^2/\text{NDF}: 13640.3/16$

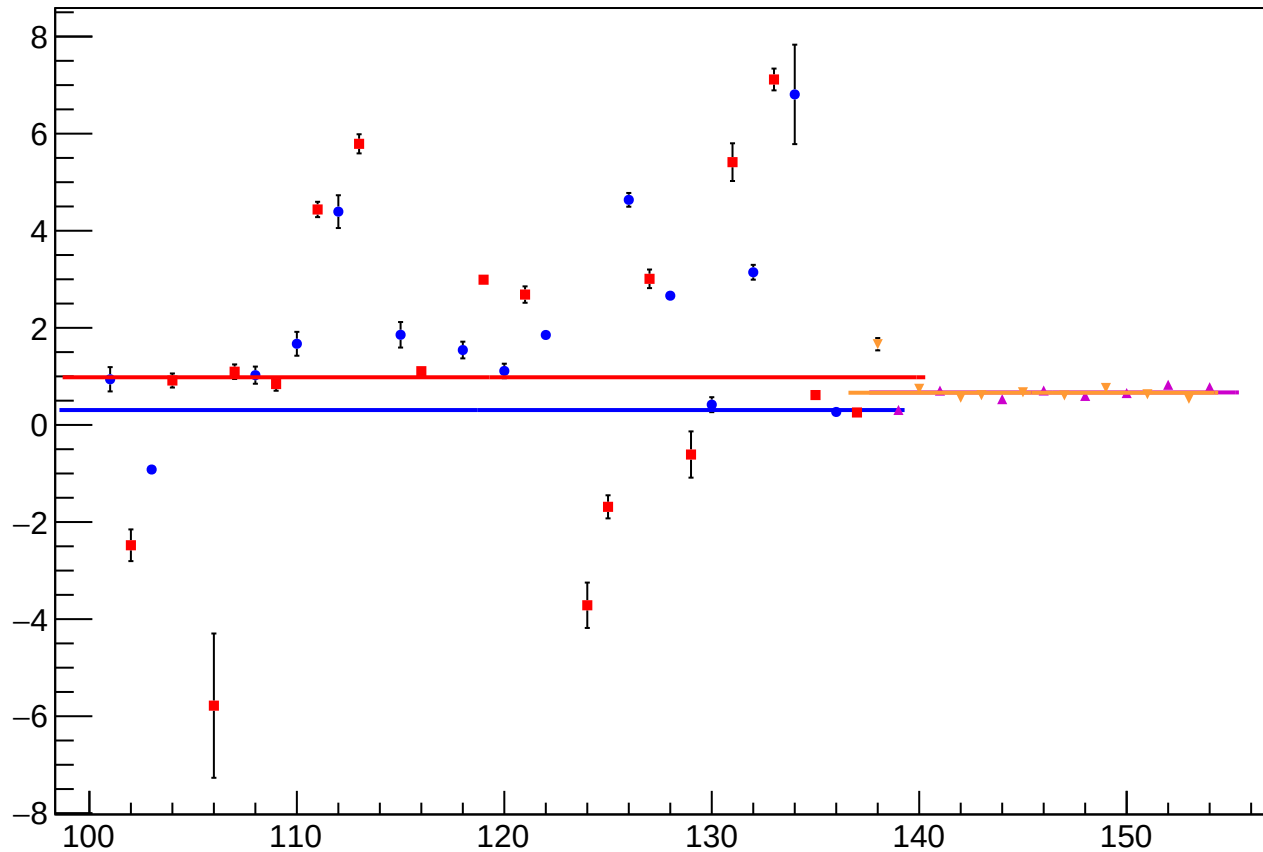
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -250.836 ± 0.103 $\chi^2/\text{NDF}: 139690.8/22$

Out: -251.889 ± 0.067 $\chi^2/\text{NDF}: 98034.4/26$

All: -251.578 ± 0.056 $\chi^2/\text{NDF}: 237798.3/49$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.664 ± 0.003 $\chi^2/\text{NDF}: 543.1/8$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.670 ± 0.003 $\chi^2/\text{NDF}: 3617.7/7$

Left: 0.667 ± 0.002 $\chi^2/\text{NDF}: 4162.8/16$

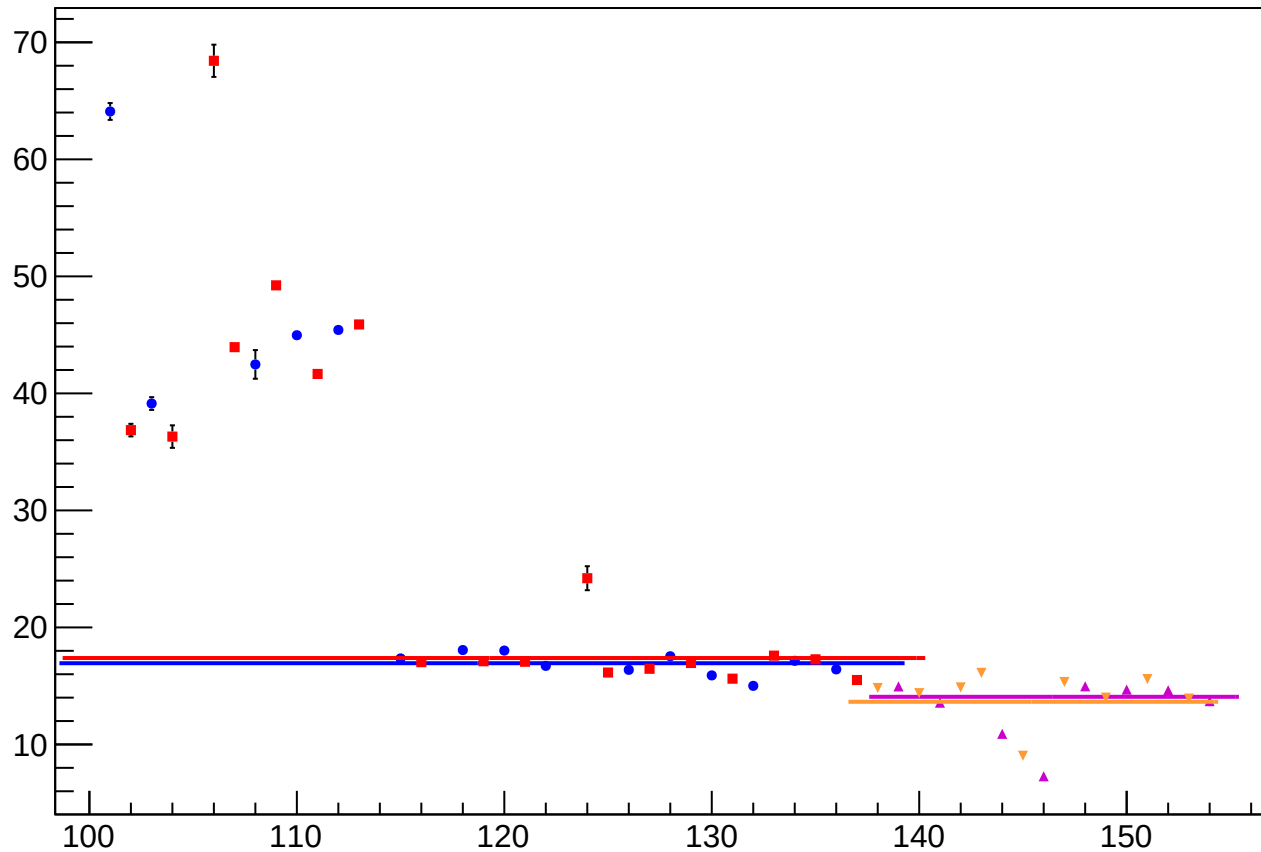
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.618 ± 0.003 $\chi^2/\text{NDF}: 8969.1/22$

Out: 0.680 ± 0.003 $\chi^2/\text{NDF}: 4364.2/26$

All: 0.640 ± 0.002 $\chi^2/\text{NDF}: 13555.1/49$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.646 ± 0.013 $\chi^2/\text{NDF}: 43669.5/8$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.071 ± 0.012 $\chi^2/\text{NDF}: 5956.9/7$

Left: 13.864 ± 0.009 $\chi^2/\text{NDF}: 50204.8/16$

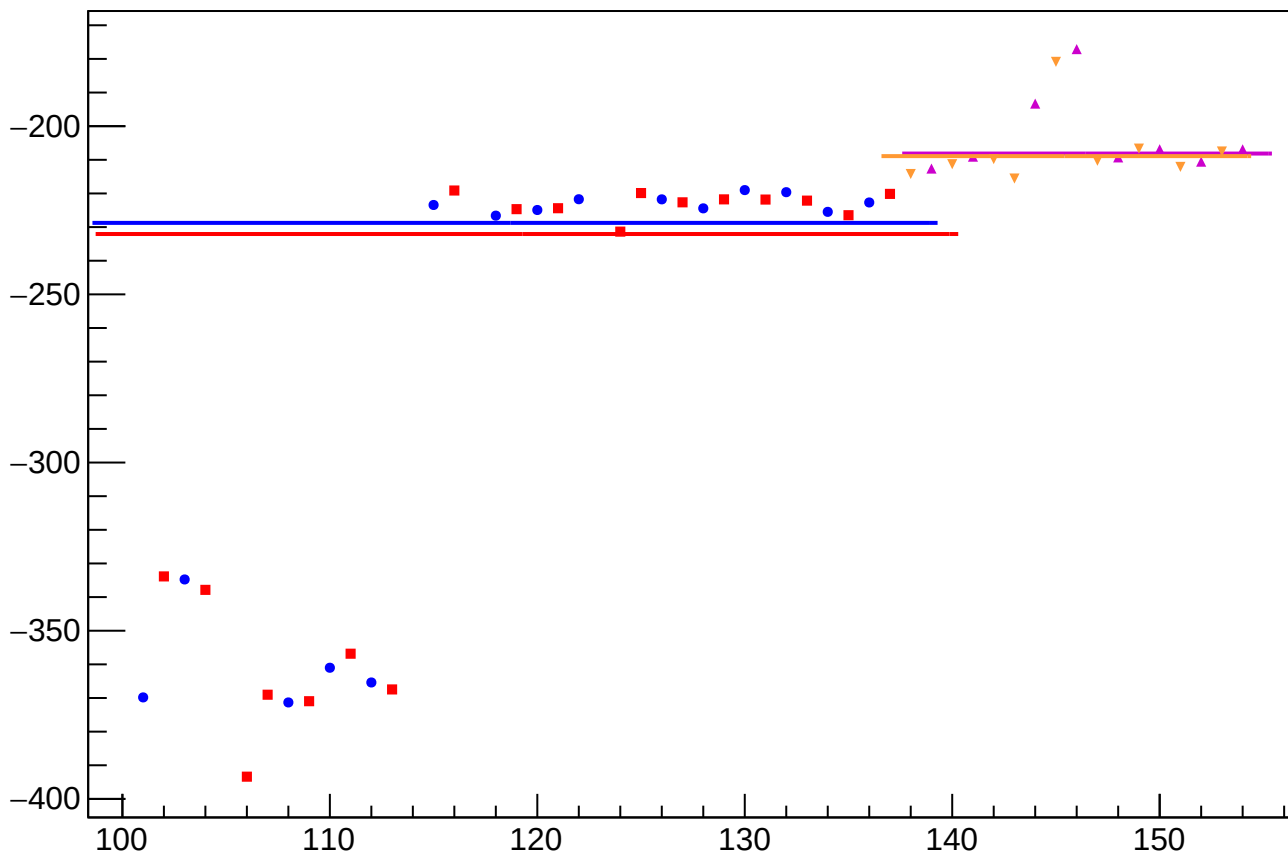
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.448 ± 0.009 $\chi^2/\text{NDF}: 60849.3/22$

Out: 14.922 ± 0.010 $\chi^2/\text{NDF}: 134572.8/26$

All: 15.222 ± 0.007 $\chi^2/\text{NDF}: 196918.4/49$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.901 ± 0.023 $\chi^2/\text{NDF}: 72262.9/8$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.136 ± 0.021 $\chi^2/\text{NDF}: 14012.2/7$

Left: -208.482 ± 0.015 $\chi^2/\text{NDF}: 86893.3/16$

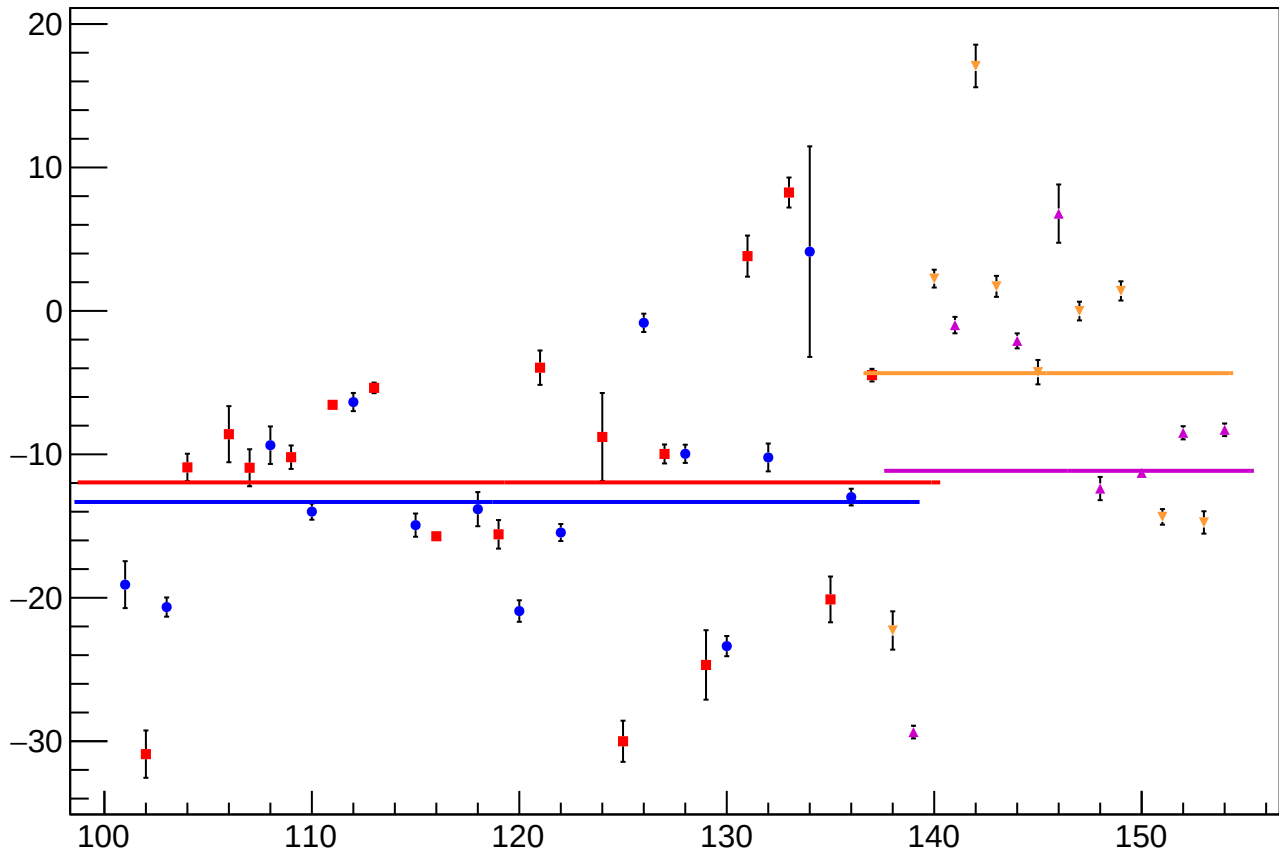
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.548 ± 0.018 $\chi^2/\text{NDF}: 932045.0/22$

Out: -214.293 ± 0.020 $\chi^2/\text{NDF}: 1104954.4/26$

All: -213.878 ± 0.013 $\chi^2/\text{NDF}: 2037778.2/49$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -4.340 ± 0.246 $\chi^2/\text{NDF}: 1204.6/8$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -11.149 ± 0.178 $\chi^2/\text{NDF}: 2455.4/7$

Left: -8.817 ± 0.144 $\chi^2/\text{NDF}: 4161.6/16$

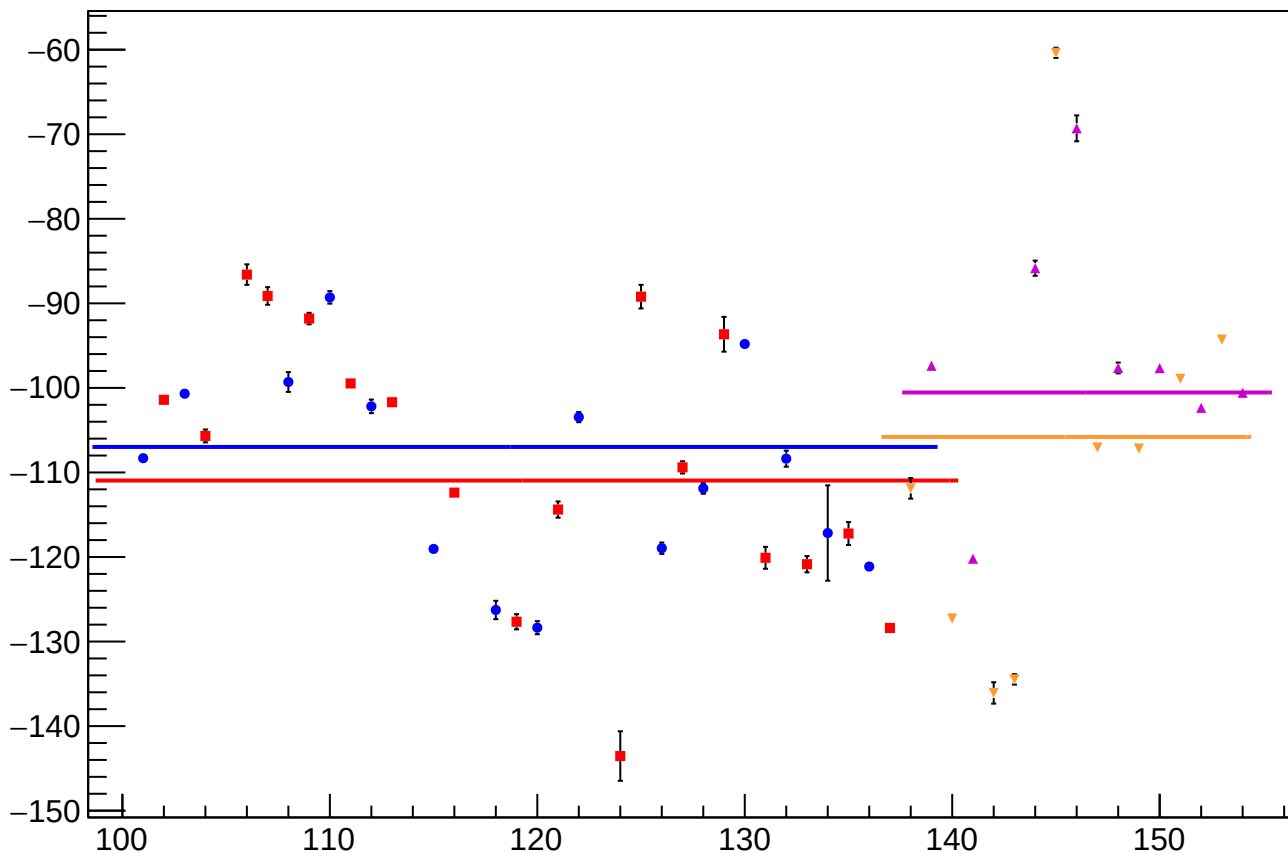
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -12.143 ± 0.131 $\chi^2/\text{NDF}: 3536.6/22$

Out: -10.642 ± 0.102 $\chi^2/\text{NDF}: 4481.7/26$

All: -11.211 ± 0.081 $\chi^2/\text{NDF}: 8099.8/49$

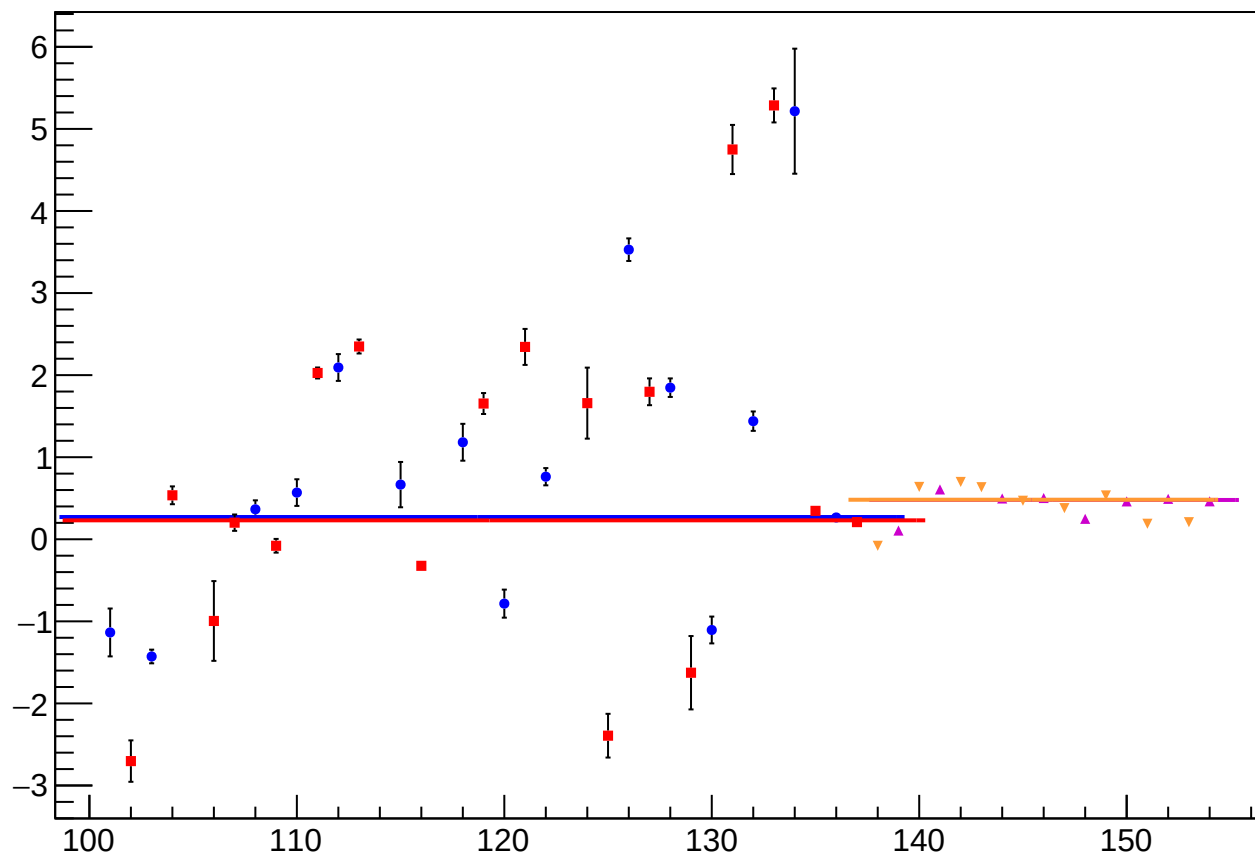
dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$
 Left Out: -105.805 ± 0.194 $\chi^2/\text{NDF}: 10960.0/8$
 Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$
 Left In: -100.544 ± 0.149 $\chi^2/\text{NDF}: 2751.8/7$

Left: -102.498 ± 0.118 $\chi^2/\text{NDF}: 14174.7/16$
 Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$
 In: -104.711 ± 0.089 $\chi^2/\text{NDF}: 8618.1/22$
 Out: -110.631 ± 0.049 $\chi^2/\text{NDF}: 22296.3/26$
 All: -109.261 ± 0.043 $\chi^2/\text{NDF}: 34351.6/49$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.482 ± 0.004 χ^2/NDF : 2162.8/8

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.479 ± 0.003 χ^2/NDF : 2576.1/7

Left: 0.480 ± 0.002 χ^2/NDF : 4739.2/16

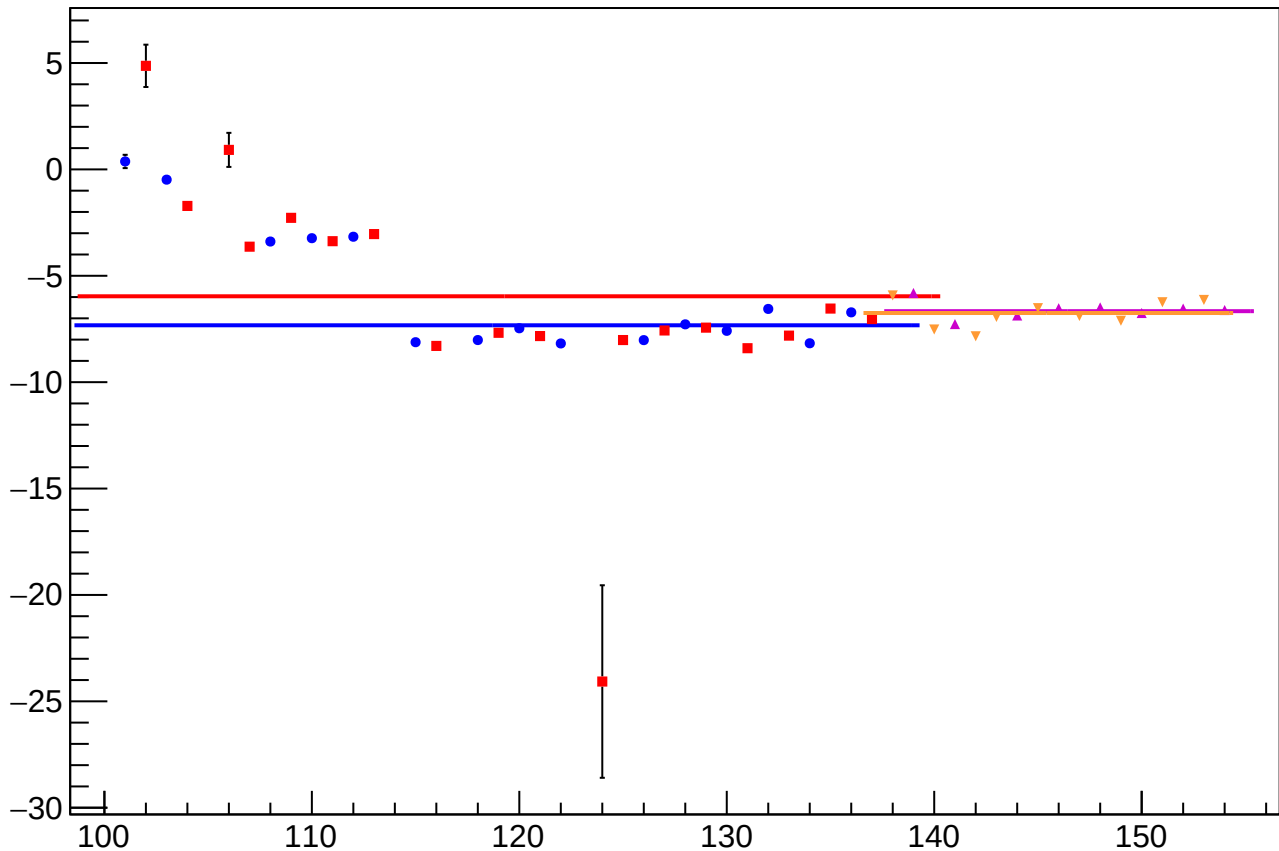
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.436 ± 0.002 χ^2/NDF : 5399.4/22

Out: 0.370 ± 0.003 χ^2/NDF : 6858.6/26

All: 0.410 ± 0.002 χ^2/NDF : 12563.0/49

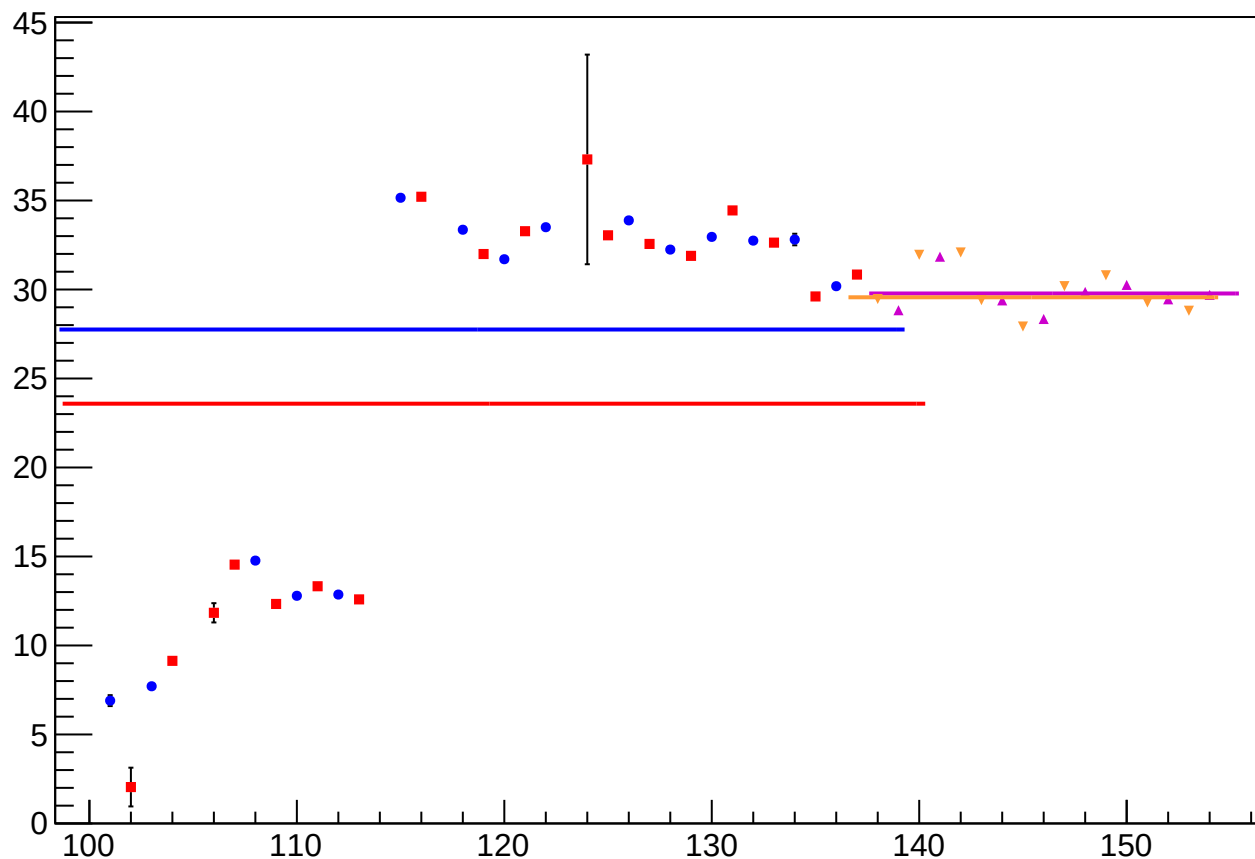
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.749 ± 0.009 $\chi^2/\text{NDF}: 2294.4/8$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.663 ± 0.007 $\chi^2/\text{NDF}: 2809.7/7$

Left: -6.697 ± 0.006 $\chi^2/\text{NDF}: 5159.1/16$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.945 ± 0.005 $\chi^2/\text{NDF}: 36910.3/22$
 Out: -6.345 ± 0.006 $\chi^2/\text{NDF}: 77988.4/26$
 All: -6.688 ± 0.004 $\chi^2/\text{NDF}: 120082.9/49$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.562 $\pm$ 0.016 χ^2 /NDF:6858.4/8

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.776 $\pm$ 0.013 χ^2 /NDF:2040.6/7

Left: 29.685 $\pm$ 0.010 χ^2 /NDF: 9006.4/16

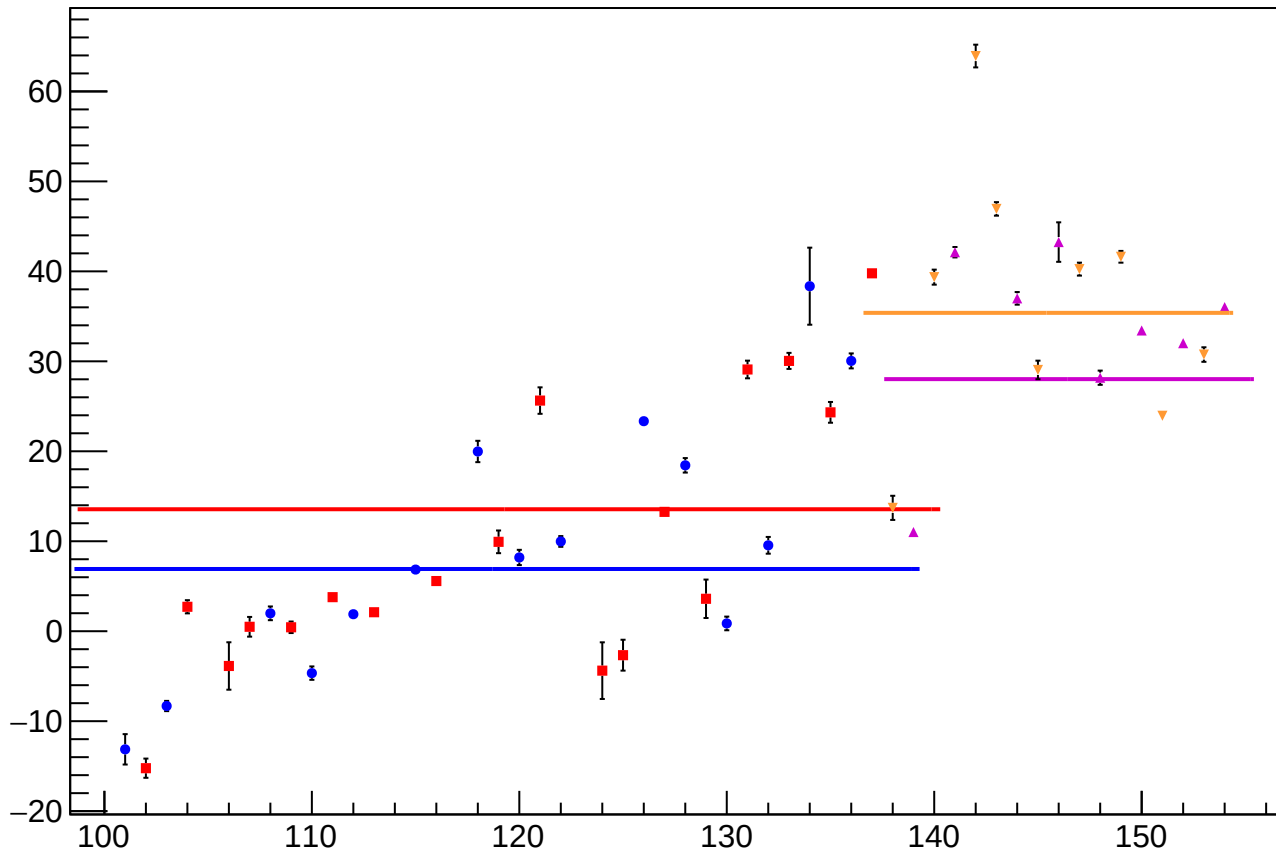
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.877 $\pm$ 0.010 χ^2 /NDF:345036.9/22

Out: 26.181 $\pm$ 0.010 χ^2 /NDF:628987.1/26

All: 27.567 $\pm$ 0.007 χ^2 /NDF: 1009170.7/49

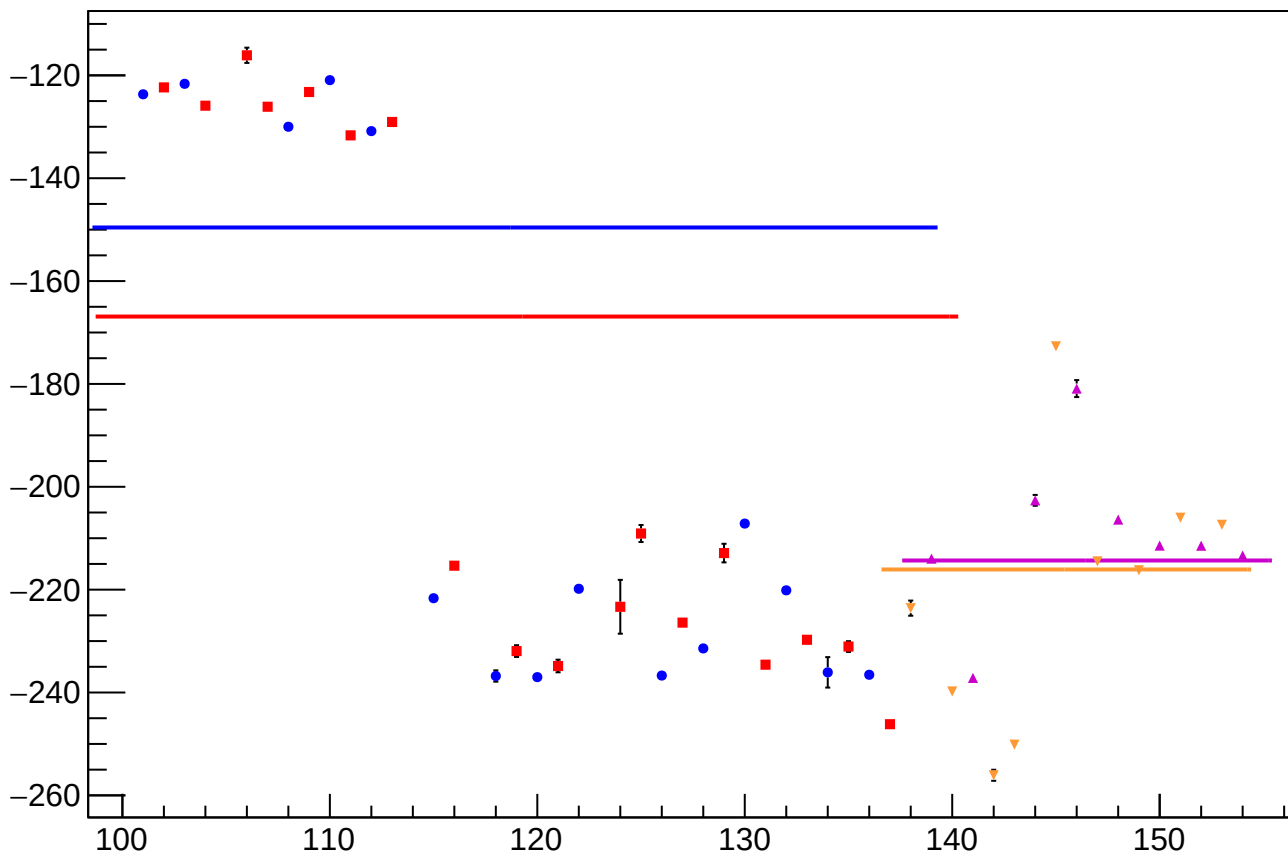
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 35.387 ± 0.259 $\chi^2/\text{NDF}: 1727.0/8$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 28.020 ± 0.173 $\chi^2/\text{NDF}: 4212.9/7$

Left: 30.285 ± 0.144 $\chi^2/\text{NDF}: 6498.7/16$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 17.696 ± 0.123 $\chi^2/\text{NDF}: 15015.1/22$
 Out: 18.760 ± 0.127 $\chi^2/\text{NDF}: 18781.2/26$
 All: 18.215 ± 0.088 $\chi^2/\text{NDF}: 33832.5/49$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -216.077+/-0.210 χ^2/NDF : 9893.1/8

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -214.330+/-0.144 χ^2/NDF : 3395.0/7

Left: -214.889+/-0.119 χ^2/NDF : 13335.3/16

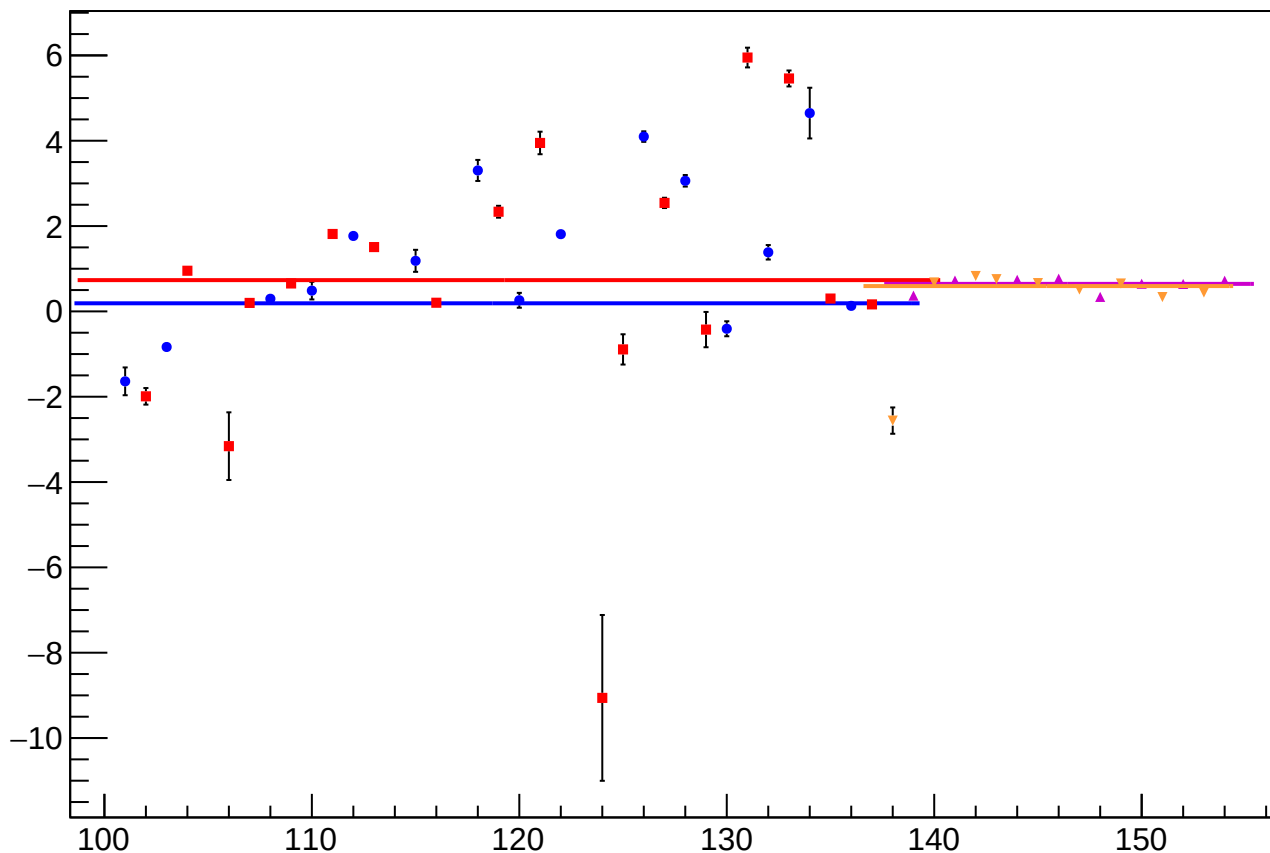
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -170.930+/-0.083 χ^2/NDF : 334347.0/22

Out: -176.104+/-0.091 χ^2/NDF : 350120.4/26

All: -173.275+/-0.061 χ^2/NDF : 686246.4/49

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.593 $\pm$ 0.005 χ^2 /NDF:1168.2/8

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.645 $\pm$ 0.003 χ^2 /NDF:1082.0/7

Left: 0.627 $\pm$ 0.003 χ^2 /NDF: 2329.2/16

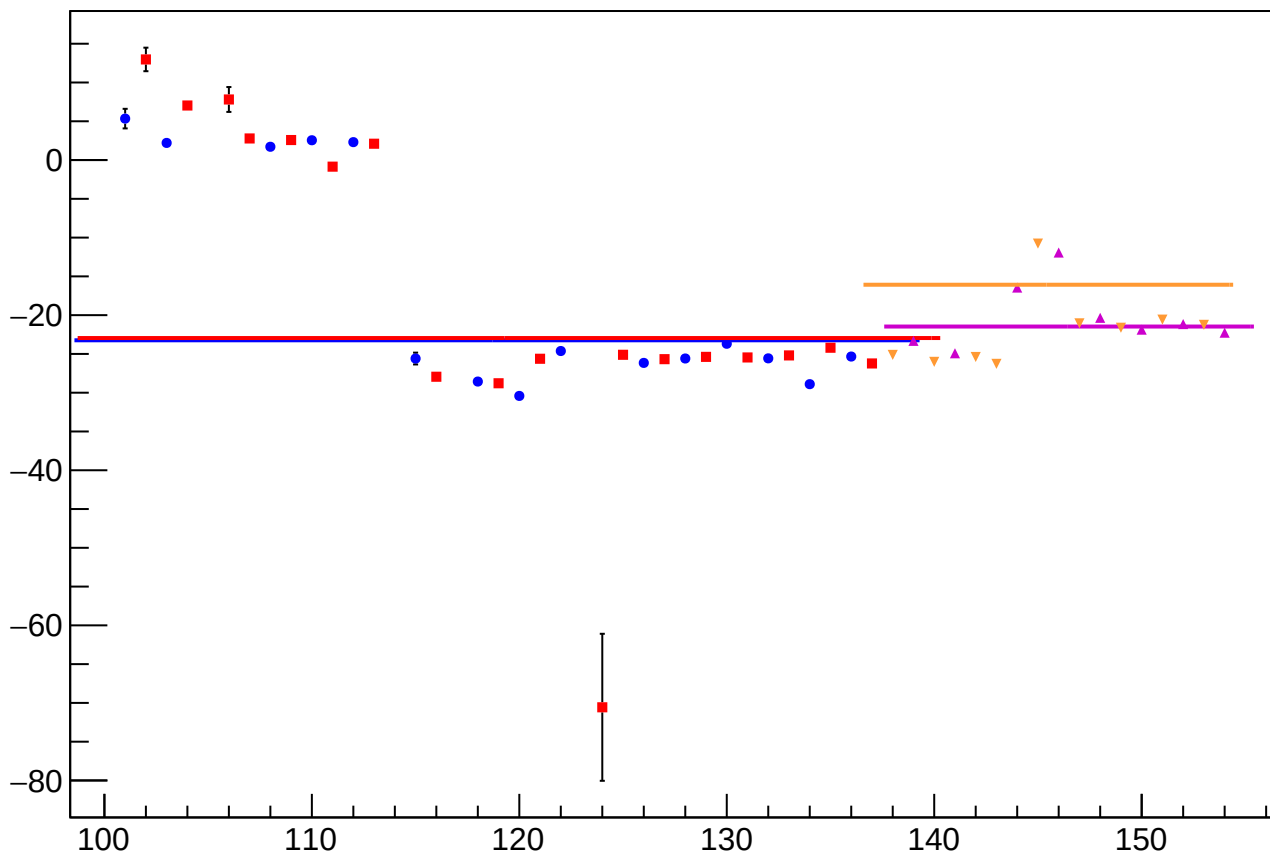
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.582 $\pm$ 0.003 χ^2 /NDF:6217.8/22

Out: 0.601 $\pm$ 0.005 χ^2 /NDF:3882.2/26

All: 0.588 $\pm$ 0.003 χ^2 /NDF: 10111.5/49

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.078 ± 0.020 $\chi^2/\text{NDF}: 102493.6/8$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.468 ± 0.023 $\chi^2/\text{NDF}: 8214.3/7$

Left: -18.325 ± 0.015 $\chi^2/\text{NDF}: 142498.4/16$

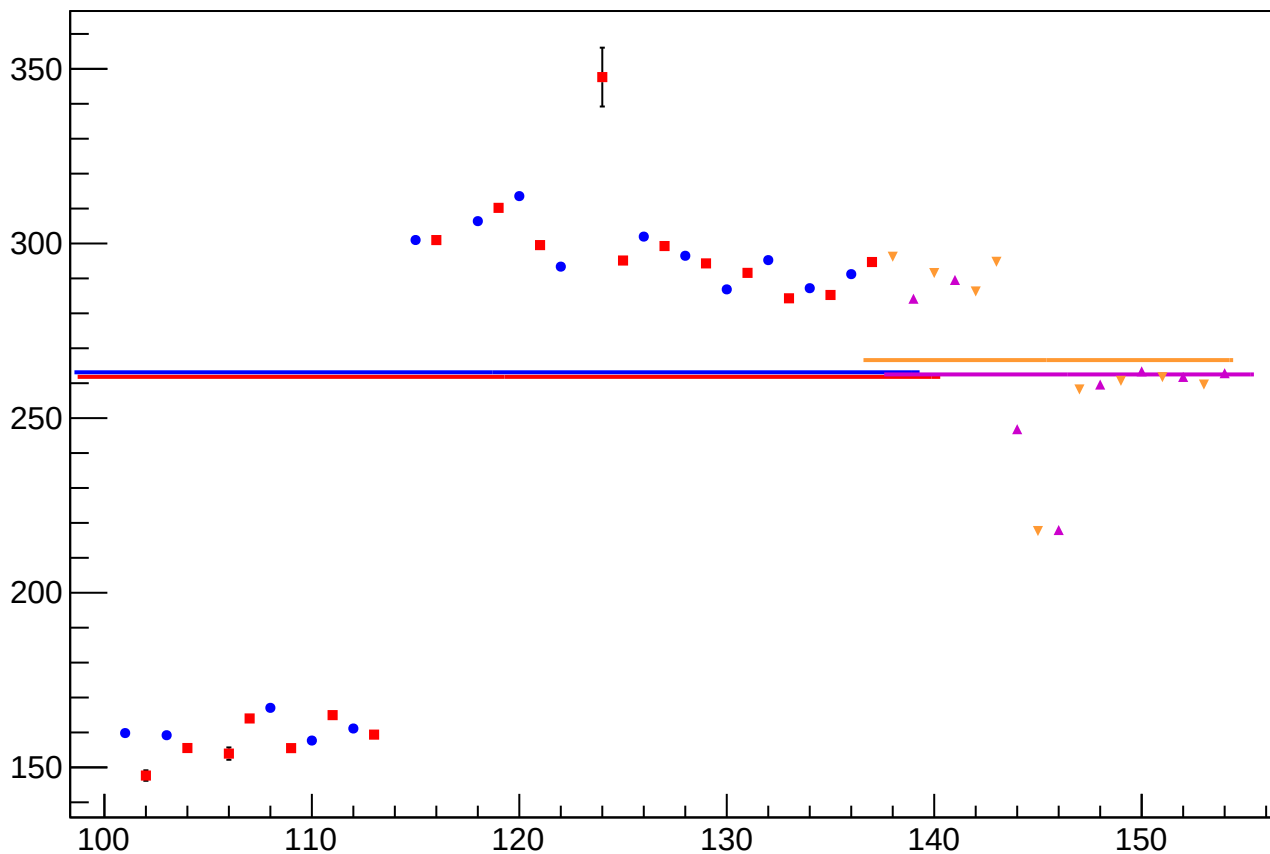
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.292 ± 0.017 $\chi^2/\text{NDF}: 114059.3/22$

Out: -18.722 ± 0.015 $\chi^2/\text{NDF}: 258212.8/26$

All: -20.333 ± 0.011 $\chi^2/\text{NDF}: 396808.4/49$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 266.614 $\pm$ 0.051 χ^2 /NDF:185356.5/8

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 262.509 $\pm$ 0.041 χ^2 /NDF:34956.4/7

Left: 264.108 $\pm$ 0.032 χ^2 /NDF: 224235.7/16

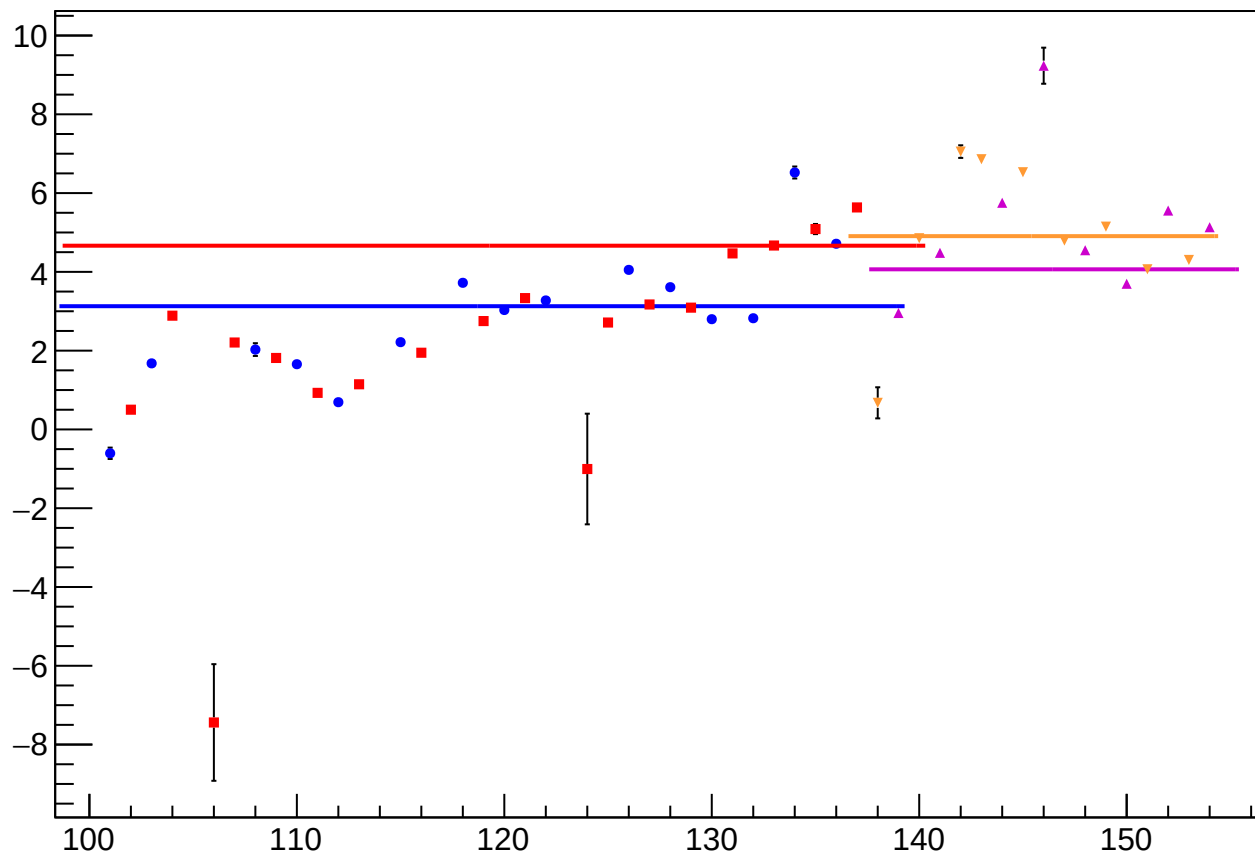
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.668 $\pm$ 0.035 χ^2 /NDF:727899.7/22

Out: 264.608 $\pm$ 0.039 χ^2 /NDF:1195217.7/26

All: 263.537 $\pm$ 0.026 χ^2 /NDF: 1924479.1/49

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.907 ± 0.019 $\chi^2/\text{NDF}: 1465.0/8$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.065 ± 0.019 $\chi^2/\text{NDF}: 2320.1/7$

Left: 4.485 ± 0.013 $\chi^2/\text{NDF}: 4786.5/16$

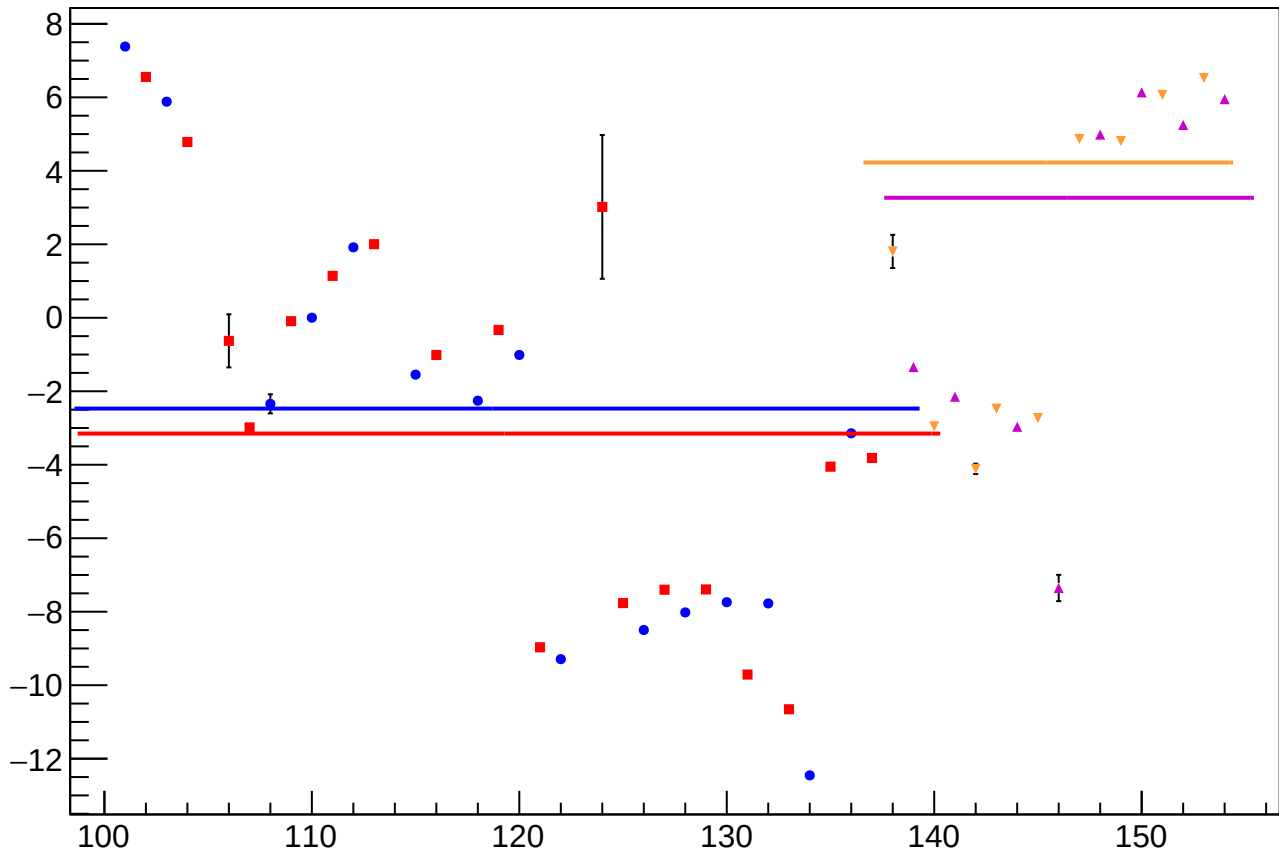
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.515 ± 0.012 $\chi^2/\text{NDF}: 9445.0/22$

Out: 4.689 ± 0.006 $\chi^2/\text{NDF}: 68476.4/26$

All: 4.455 ± 0.005 $\chi^2/\text{NDF}: 85496.9/49$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.226 ± 0.015 $\chi^2/\text{NDF}: 34992.8/8$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.266 ± 0.017 $\chi^2/\text{NDF}: 52100.9/7$

Left: 3.780 ± 0.011 $\chi^2/\text{NDF}: 88904.4/16$

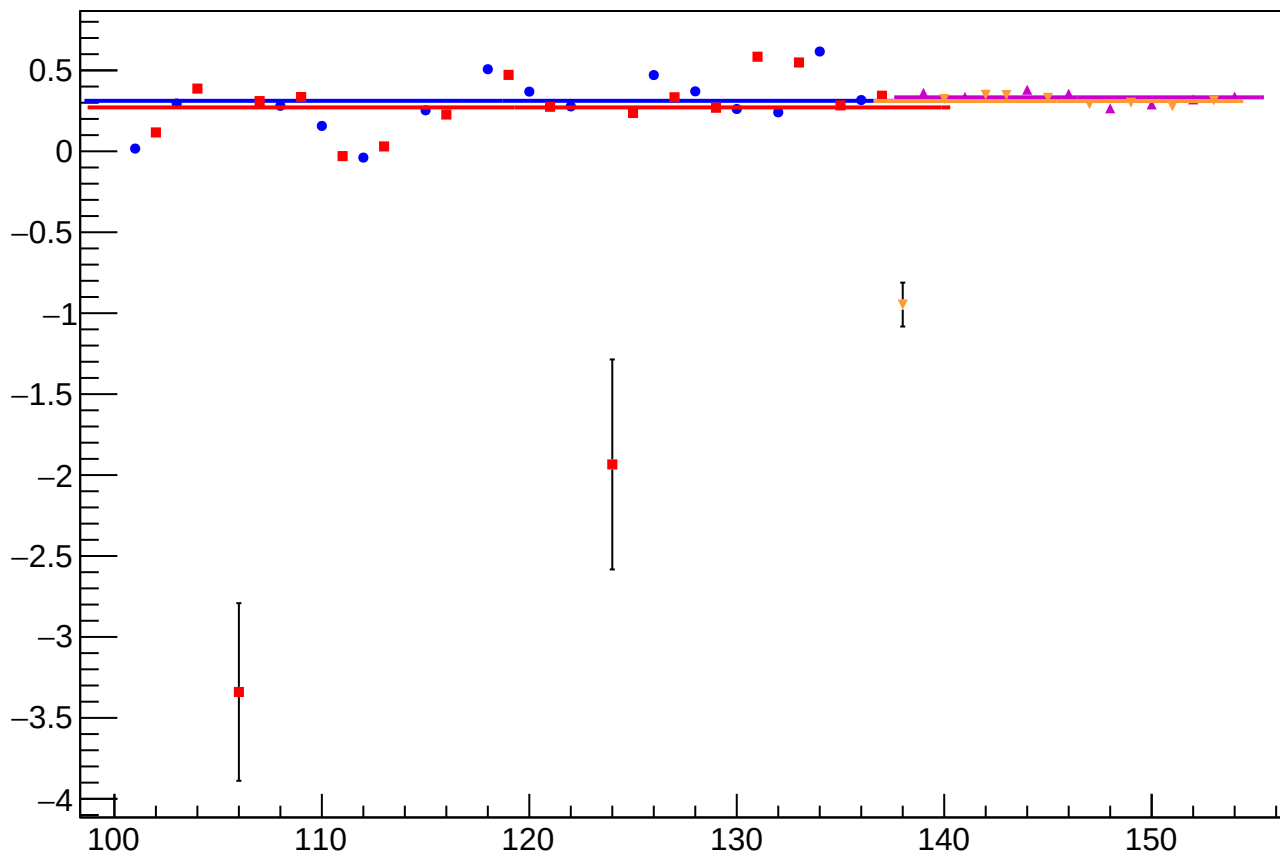
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.049 ± 0.011 $\chi^2/\text{NDF}: 364514.5/22$

Out: -1.753 ± 0.007 $\chi^2/\text{NDF}: 469048.8/26$

All: -1.276 ± 0.006 $\chi^2/\text{NDF}: 851735.3/49$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.311 ± 0.001 $\chi^2/\text{NDF}: 747.8/8$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1931.5/7$

Left: 0.322 ± 0.001 $\chi^2/\text{NDF}: 3014.5/16$

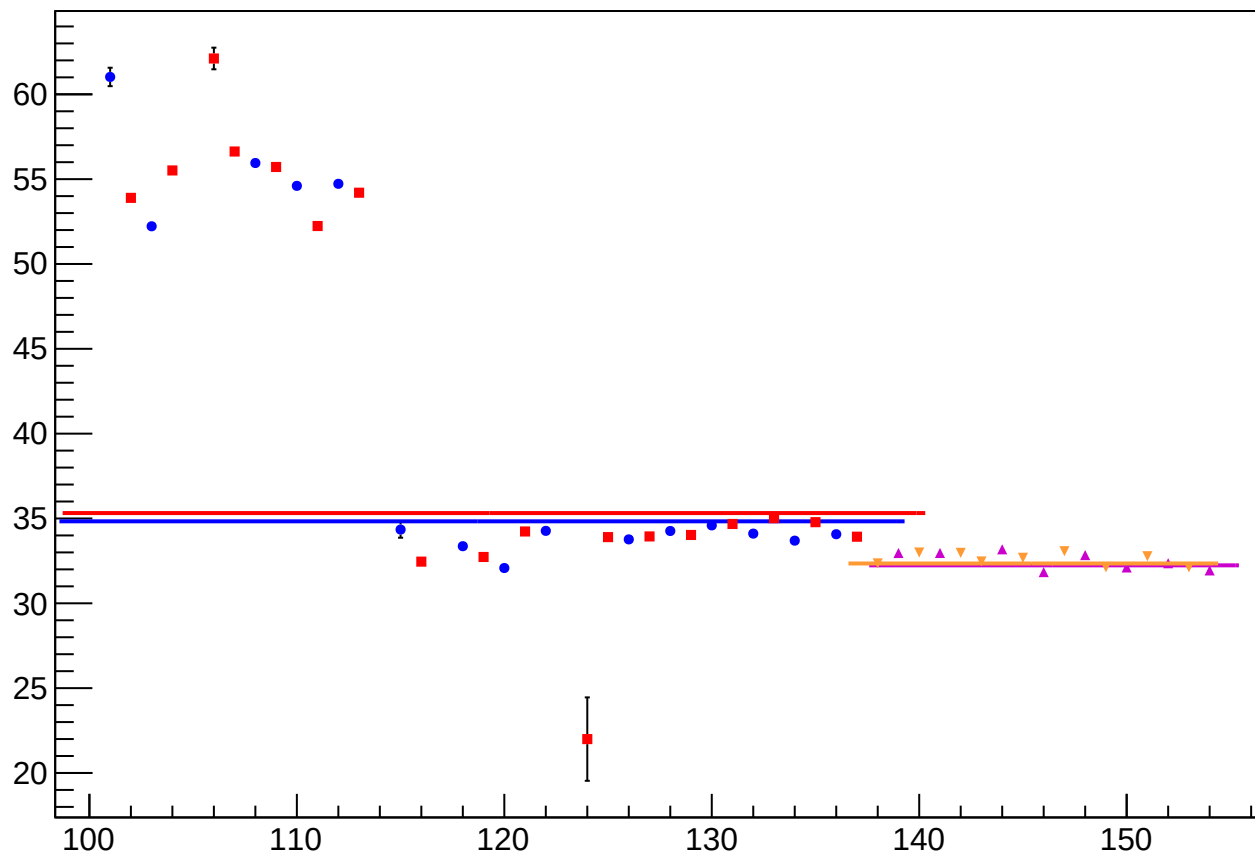
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.327 ± 0.001 $\chi^2/\text{NDF}: 3444.8/22$

Out: 0.305 ± 0.001 $\chi^2/\text{NDF}: 7192.4/26$

All: 0.317 ± 0.001 $\chi^2/\text{NDF}: 11044.1/49$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.347 $\pm$ 0.006 χ^2 /NDF: 2320.8/8

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.238 $\pm$ 0.006 χ^2 /NDF: 4267.4/7

Left: 32.289 $\pm$ 0.004 χ^2 /NDF: 6741.2/16

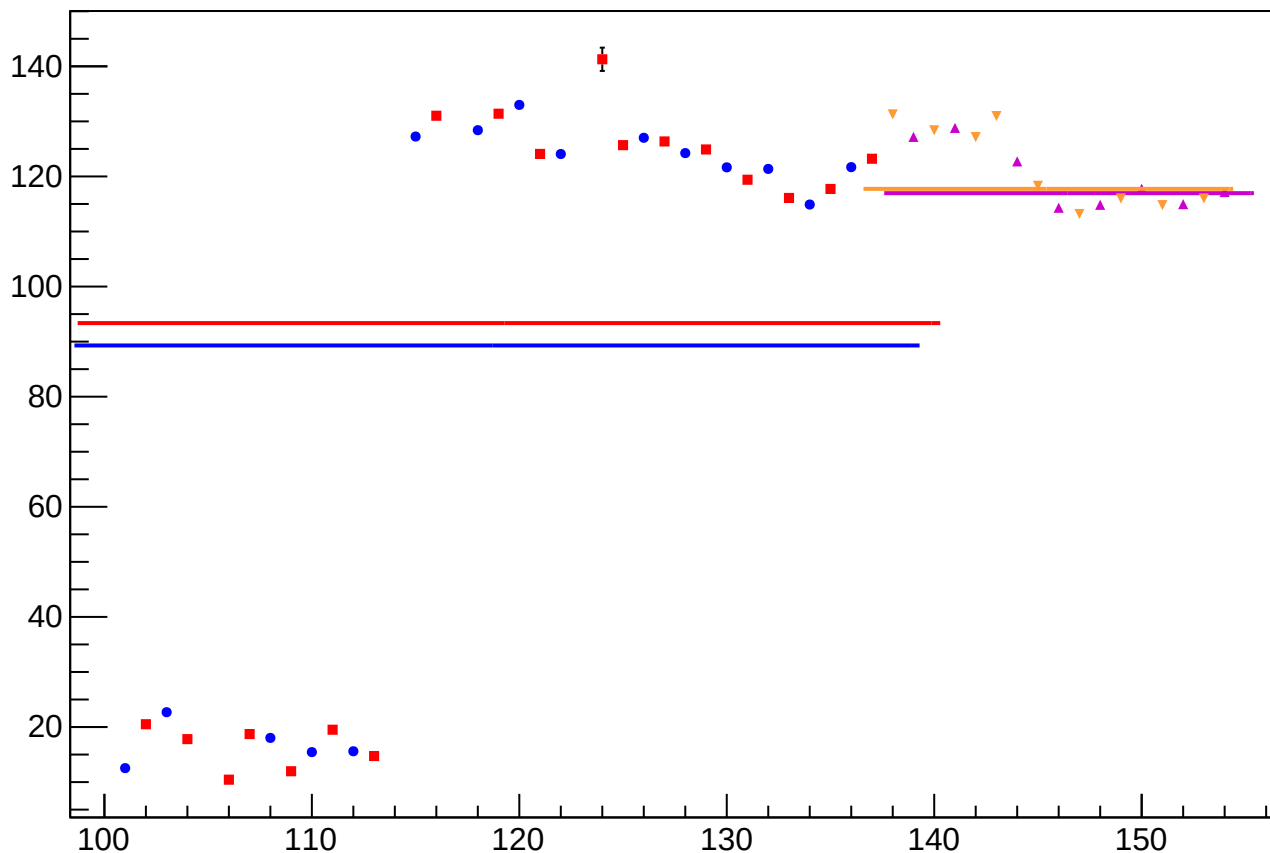
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 33.099 $\pm$ 0.005 χ^2 /NDF: 310322.0/22

Out: 33.223 $\pm$ 0.005 χ^2 /NDF: 326693.2/26

All: 33.156 $\pm$ 0.004 χ^2 /NDF: 637301.4/49

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.746 ± 0.015 $\chi^2/\text{NDF}: 110479.3/8$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.966 ± 0.012 $\chi^2/\text{NDF}: 38669.0/7$

Left: 117.267 ± 0.009 $\chi^2/\text{NDF}: 150871.7/16$

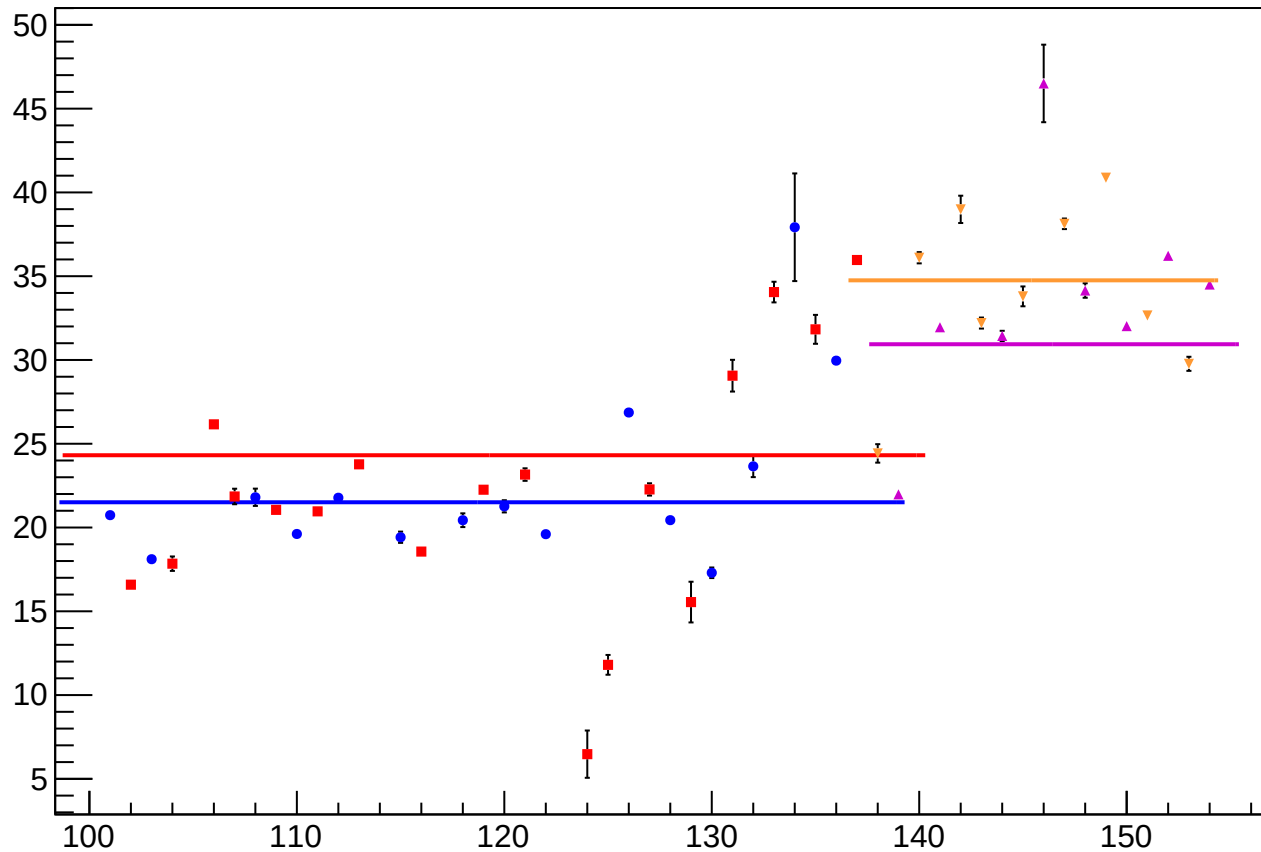
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 112.740 ± 0.011 $\chi^2/\text{NDF}: 3934406.8/22$

Out: 113.002 ± 0.013 $\chi^2/\text{NDF}: 3496885.8/26$

All: 112.844 ± 0.008 $\chi^2/\text{NDF}: 7431529.8/49$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 34.753 ± 0.121 χ^2/NDF : 1205.9/8

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 30.939 ± 0.093 χ^2/NDF : 2627.1/7

Left: 32.354 ± 0.074 χ^2/NDF : 4460.0/16

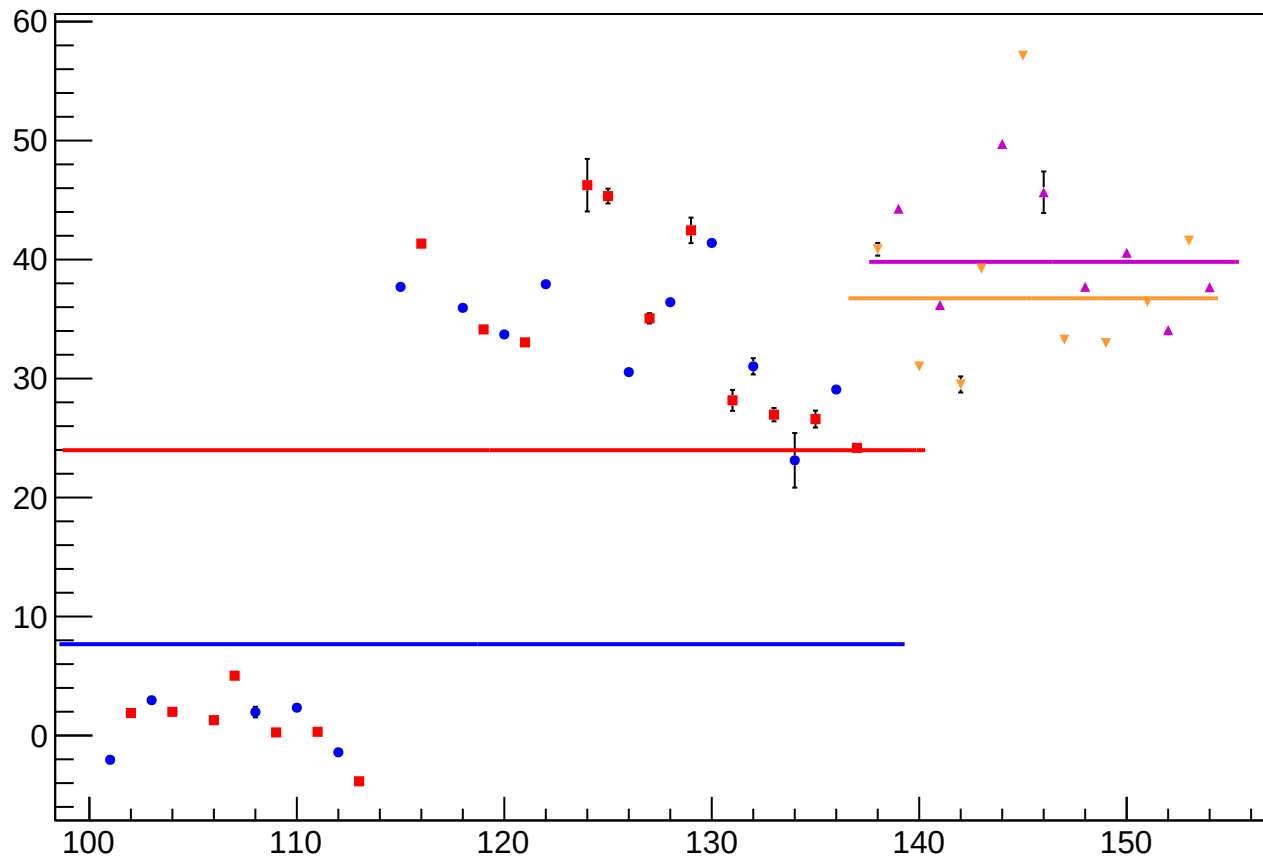
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 25.072 ± 0.057 χ^2/NDF : 12019.1/22

Out: 26.295 ± 0.053 χ^2/NDF : 21551.6/26

All: 25.733 ± 0.039 χ^2/NDF : 33819.1/49

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 36.746 ± 0.099 χ^2/NDF : 3668.5/8

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 39.807 ± 0.077 χ^2/NDF : 2465.7/7

Left: 38.648 ± 0.061 χ^2/NDF : 6733.8/16

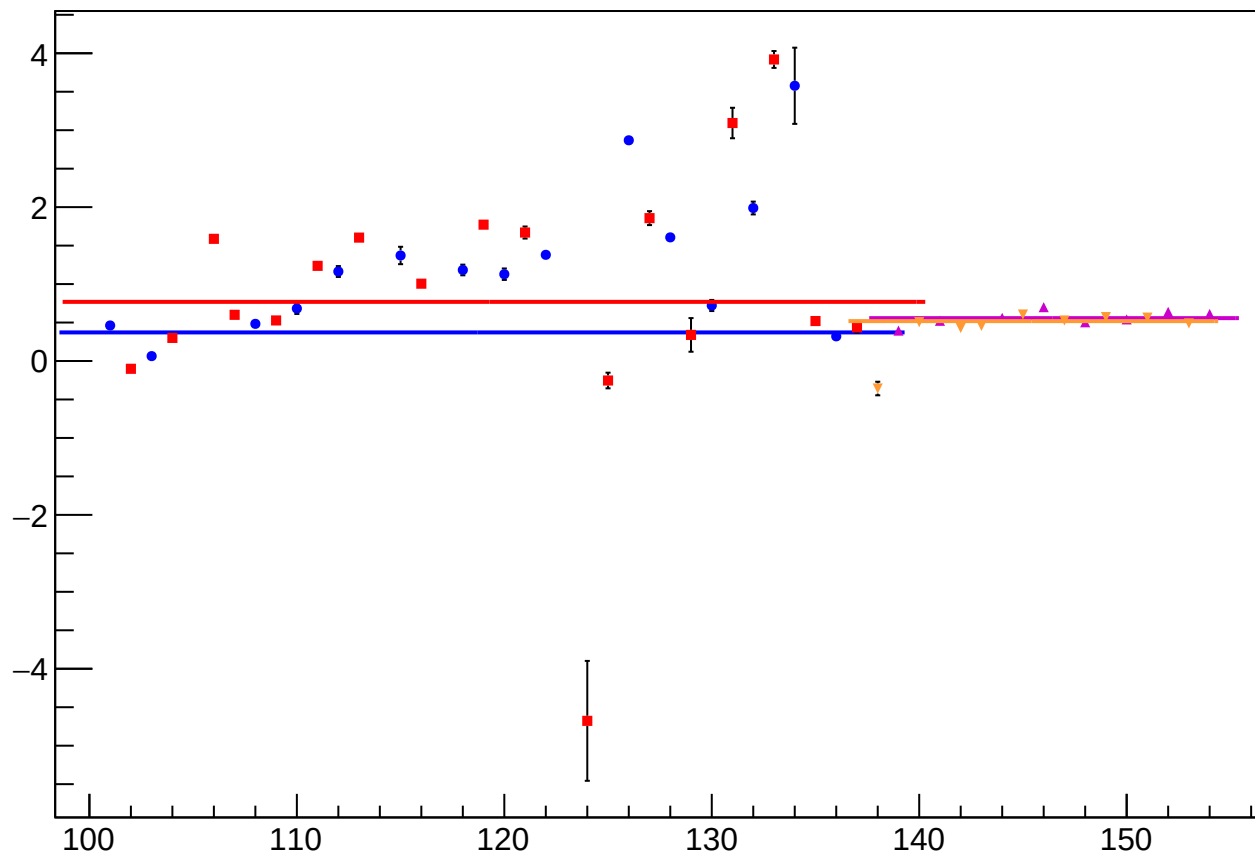
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 15.930 ± 0.039 χ^2/NDF : 228539.1/22

Out: 24.065 ± 0.008 χ^2/NDF : 130906.6/26

All: 23.724 ± 0.008 χ^2/NDF : 401142.4/49

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.518 ± 0.002 $\chi^2/\text{NDF}: 703.5/8$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.557 ± 0.002 $\chi^2/\text{NDF}: 1994.7/7$

Left: 0.540 ± 0.001 $\chi^2/\text{NDF}: 2941.8/16$

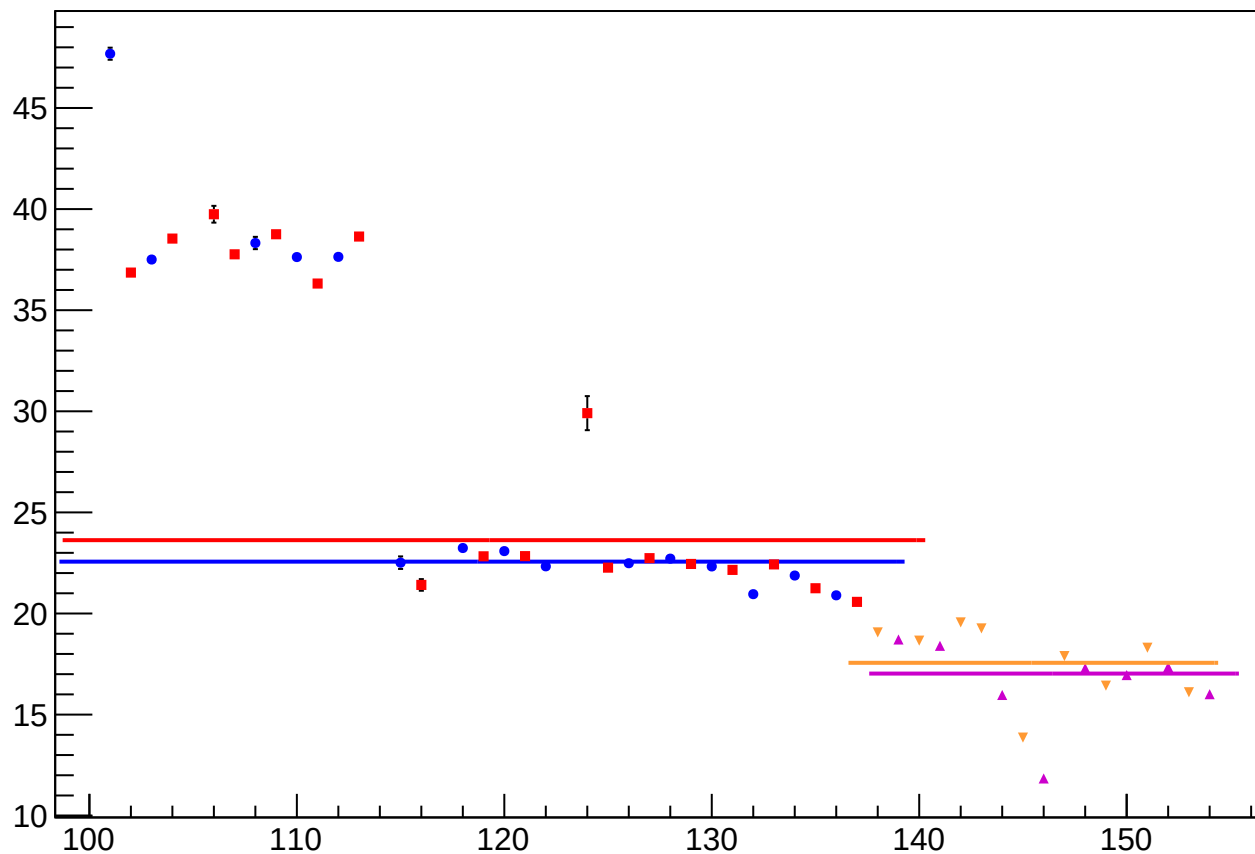
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.534 ± 0.002 $\chi^2/\text{NDF}: 8327.7/22$

Out: 0.535 ± 0.002 $\chi^2/\text{NDF}: 6057.5/26$

All: 0.534 ± 0.001 $\chi^2/\text{NDF}: 14385.5/49$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.562 $\pm$ 0.009 χ^2 /NDF: 40580.4/8

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.029 $\pm$ 0.010 χ^2 /NDF: 12292.8/7

Left: 17.323 $\pm$ 0.007 χ^2 /NDF: 54295.2/16

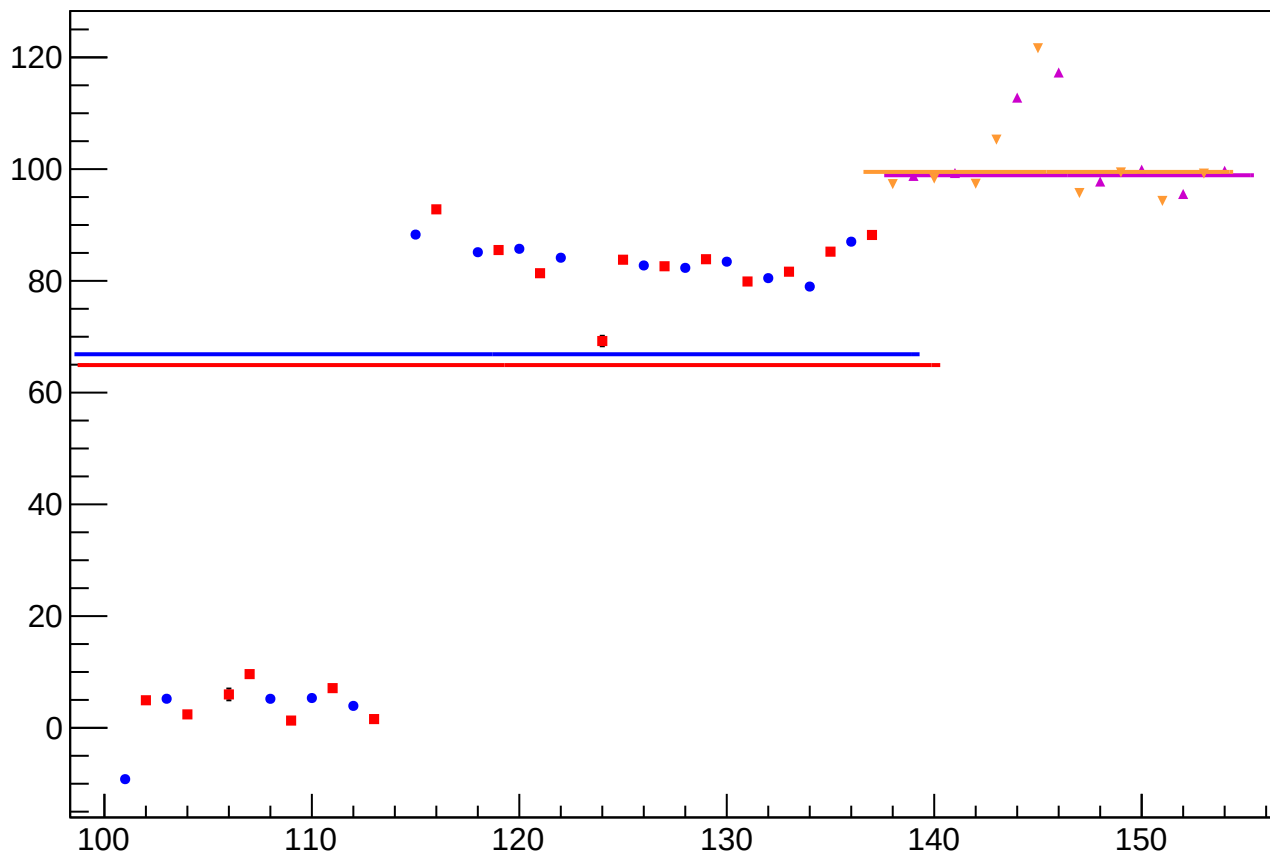
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.882 $\pm$ 0.007 χ^2 /NDF: 248669.8/22

Out: 20.080 $\pm$ 0.007 χ^2 /NDF: 334612.3/26

All: 19.982 $\pm$ 0.005 χ^2 /NDF: 583655.3/49

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 99.502+/-0.016 χ^2/NDF : 68233.7/8

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 98.903+/-0.015 χ^2/NDF : 14727.4/7

Left: 99.183+/-0.011 χ^2/NDF : 83667.4/16

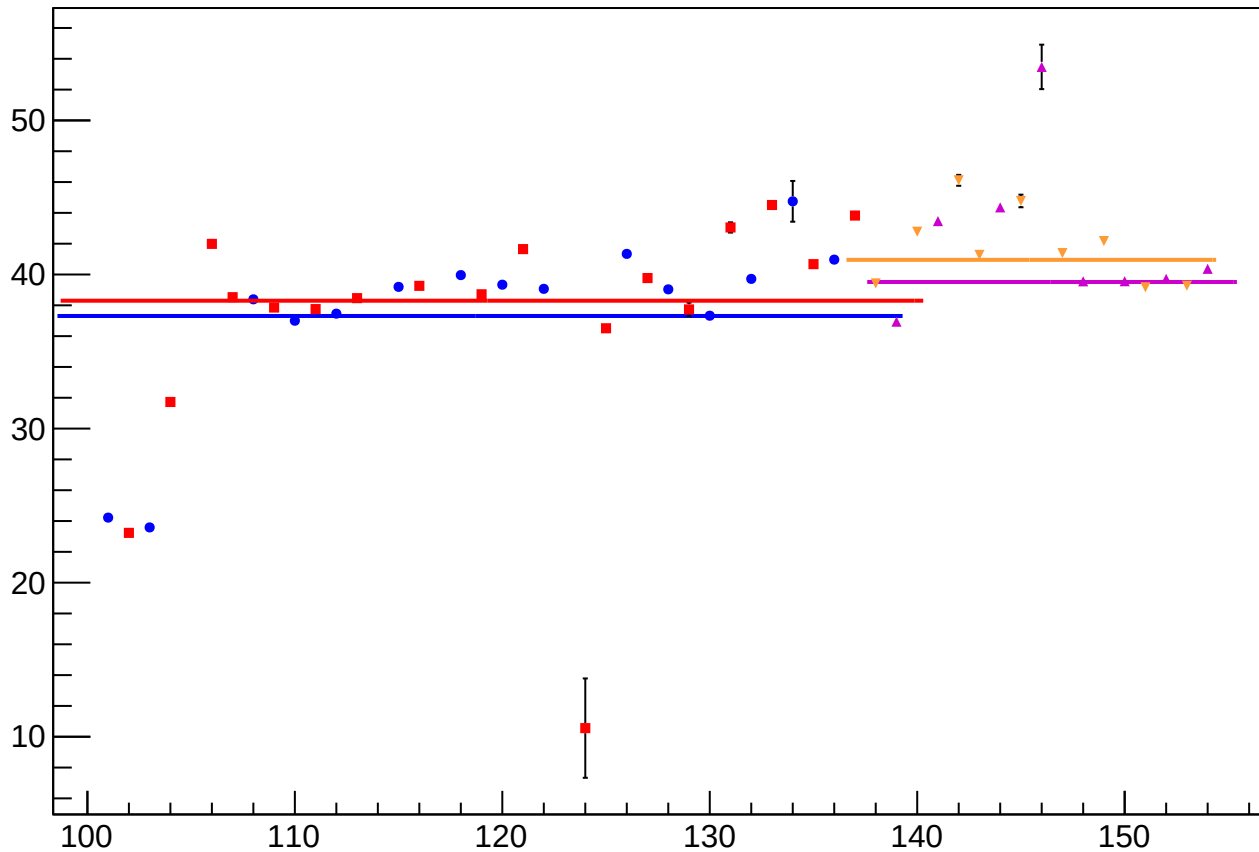
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 91.050+/-0.013 χ^2/NDF : 2566989.0/22

Out: 91.387+/-0.014 χ^2/NDF : 2437900.1/26

All: 91.206+/-0.010 χ^2/NDF : 5005183.0/49

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 40.952 $\pm$ 0.049 χ^2 /NDF: 1025.1/8

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.514 $\pm$ 0.035 χ^2 /NDF: 3205.8/7

Left: 40.001 $\pm$ 0.028 χ^2 /NDF: 4806.7/16

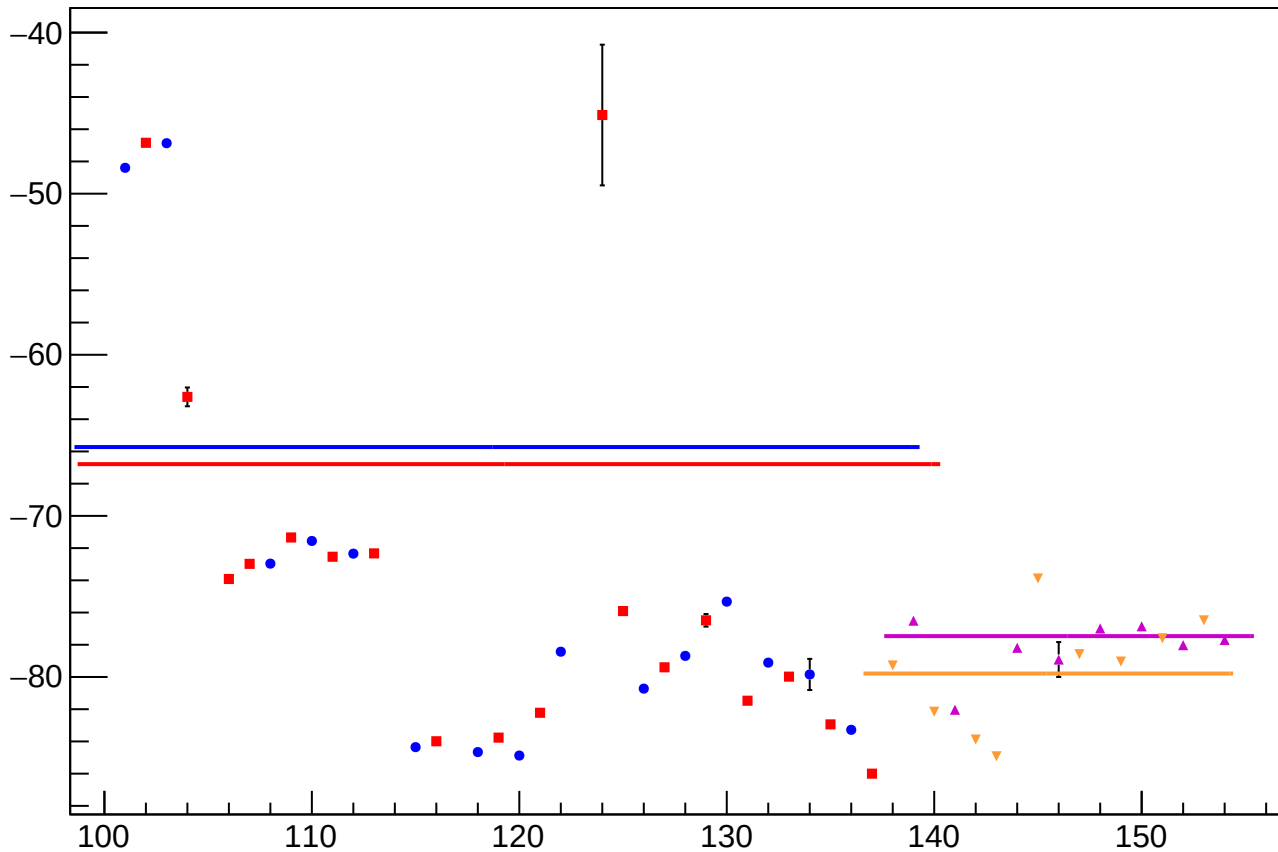
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.980 $\pm$ 0.019 χ^2 /NDF: 65570.6/22

Out: 38.699 $\pm$ 0.019 χ^2 /NDF: 22382.6/26

All: 38.346 $\pm$ 0.013 χ^2 /NDF: 88663.7/49

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -79.785 ± 0.041 $\chi^2/\text{NDF}: 5474.0/8$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.463 ± 0.028 $\chi^2/\text{NDF}: 2276.1/7$

Left: -78.185 ± 0.023 $\chi^2/\text{NDF}: 9950.6/16$

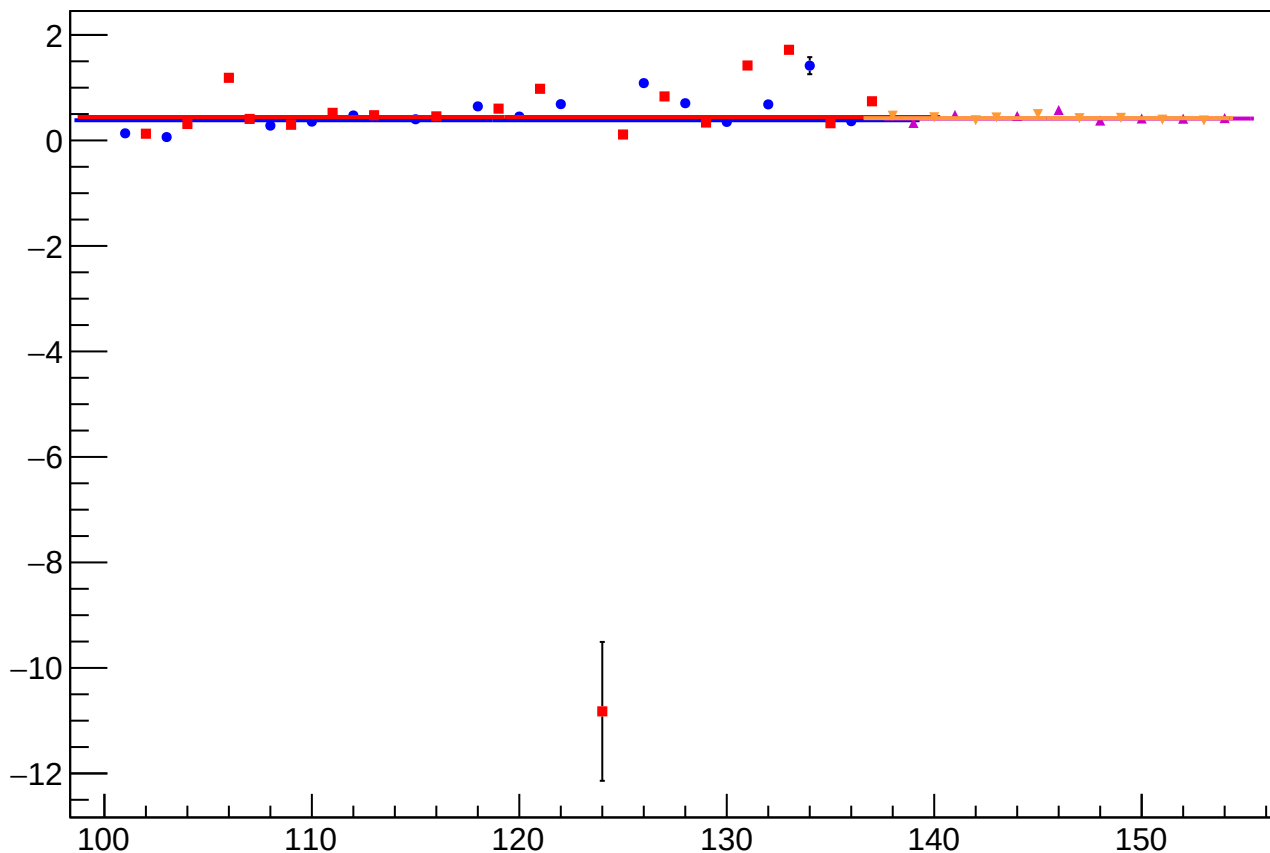
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.912 ± 0.014 $\chi^2/\text{NDF}: 1036959.2/22$

Out: -68.463 ± 0.015 $\chi^2/\text{NDF}: 901971.0/26$

All: -68.693 ± 0.010 $\chi^2/\text{NDF}: 1939404.8/49$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.422 $\pm$ 0.001 χ^2 /NDF: 427.2/8

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.415 $\pm$ 0.001 χ^2 /NDF: 2170.9/7

Left: 0.417 $\pm$ 0.001 χ^2 /NDF: 2637.8/16

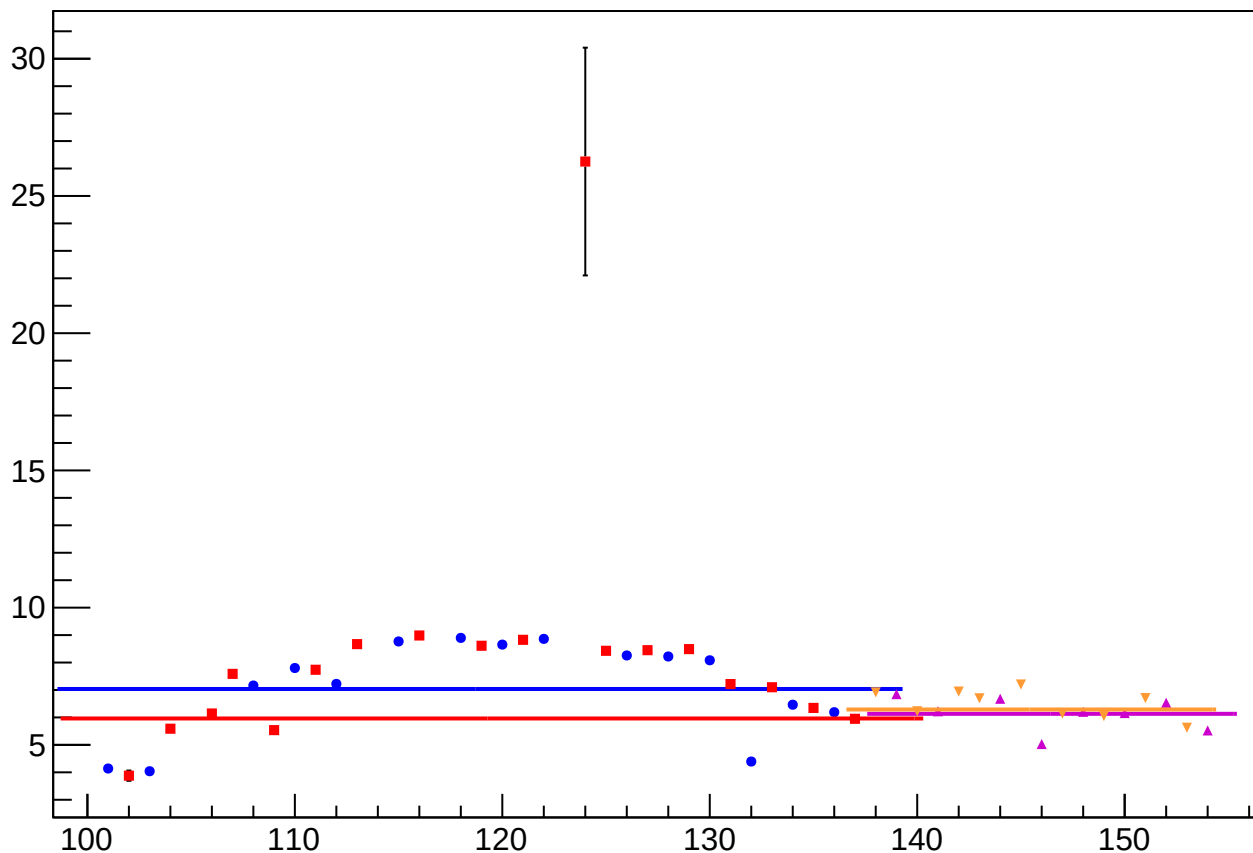
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.411 $\pm$ 0.001 χ^2 /NDF: 10600.8/22

Out: 0.423 $\pm$ 0.001 χ^2 /NDF: 3248.0/26

All: 0.415 $\pm$ 0.001 χ^2 /NDF: 13976.1/49

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.290+/-0.003 χ^2/NDF :19834.3/8

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.132+/-0.002 χ^2/NDF :23940.5/7

Left: 6.195+/-0.002 χ^2/NDF : 45638.4/16

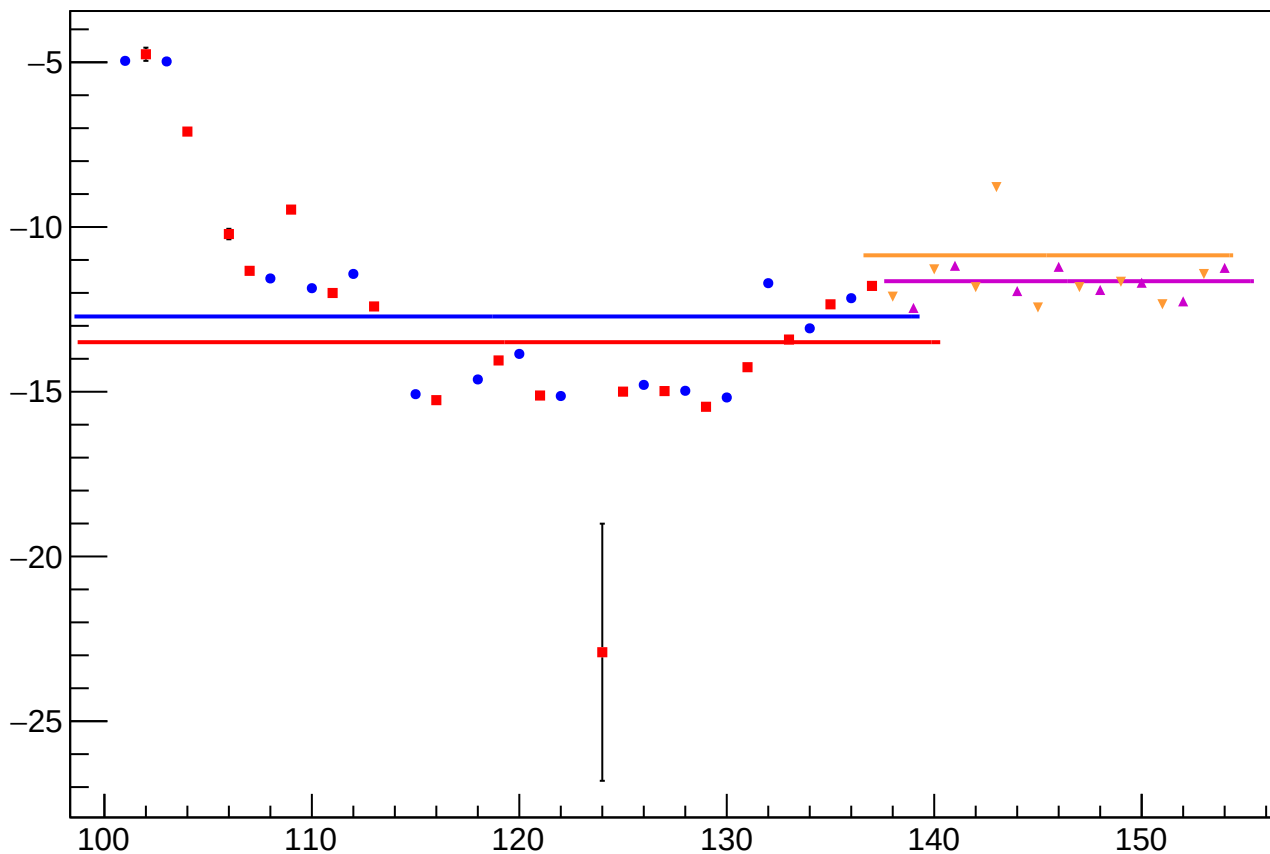
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.320+/-0.002 χ^2/NDF :125553.4/22

Out: 5.968+/-0.000 χ^2/NDF :201315.5/26

All: 5.981+/-0.000 χ^2/NDF : 354802.2/49

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF : 85219.4/14

Left Out: -10.859+/-0.003 χ^2/NDF : 162949.8/8

Right Out: -13.496+/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.645+/-0.003 χ^2/NDF : 9114.5/7

Left: -11.261+/-0.002 χ^2/NDF : 199139.5/16

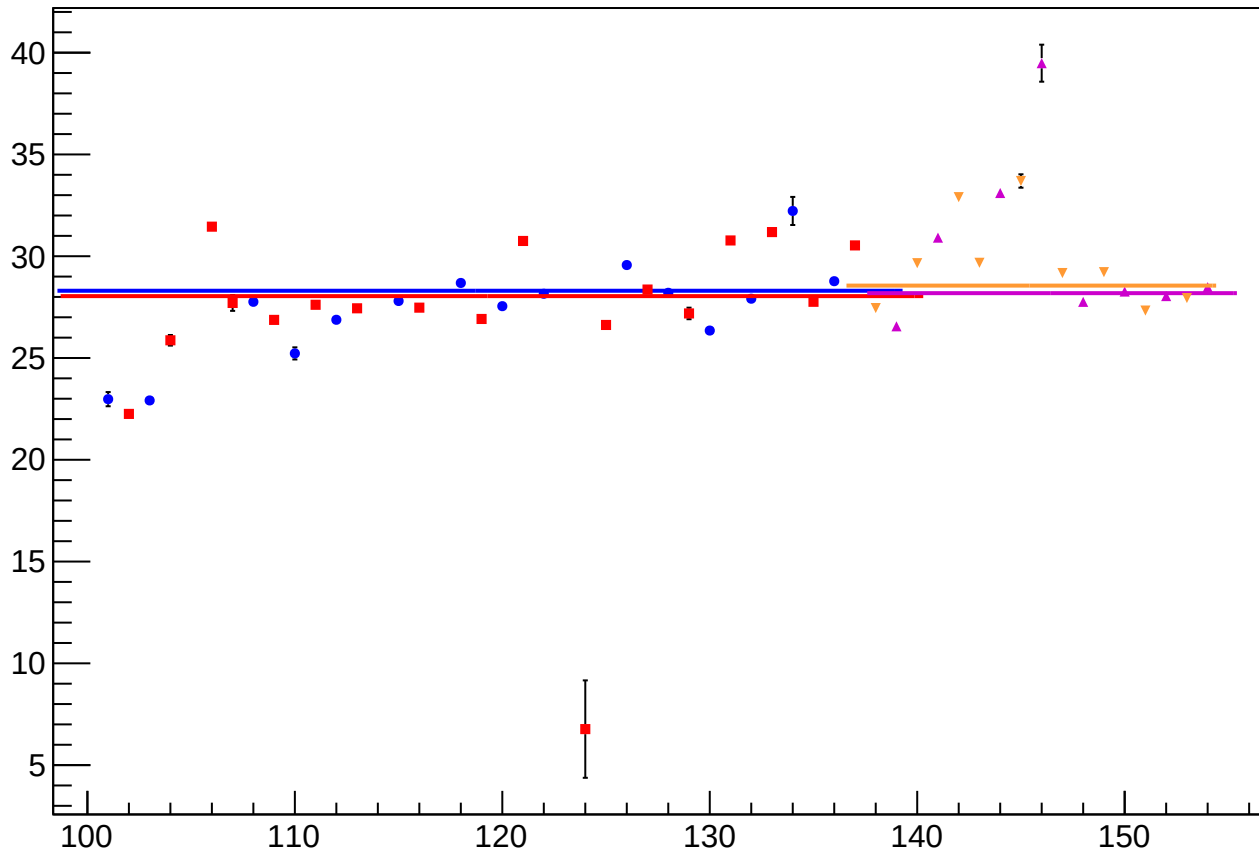
Right: -13.142+/-0.004 χ^2/NDF : 149153.5/32

In: -11.875+/-0.003 χ^2/NDF : 116460.4/22

Out: -11.536+/-0.003 χ^2/NDF : 371755.2/26

All: -11.704+/-0.002 χ^2/NDF : 494819.3/49

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.557 ± 0.029 $\chi^2/\text{NDF}: 1918.8/8$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.185 ± 0.022 $\chi^2/\text{NDF}: 2917.2/7$

Left: 28.328 ± 0.018 $\chi^2/\text{NDF}: 4940.4/16$

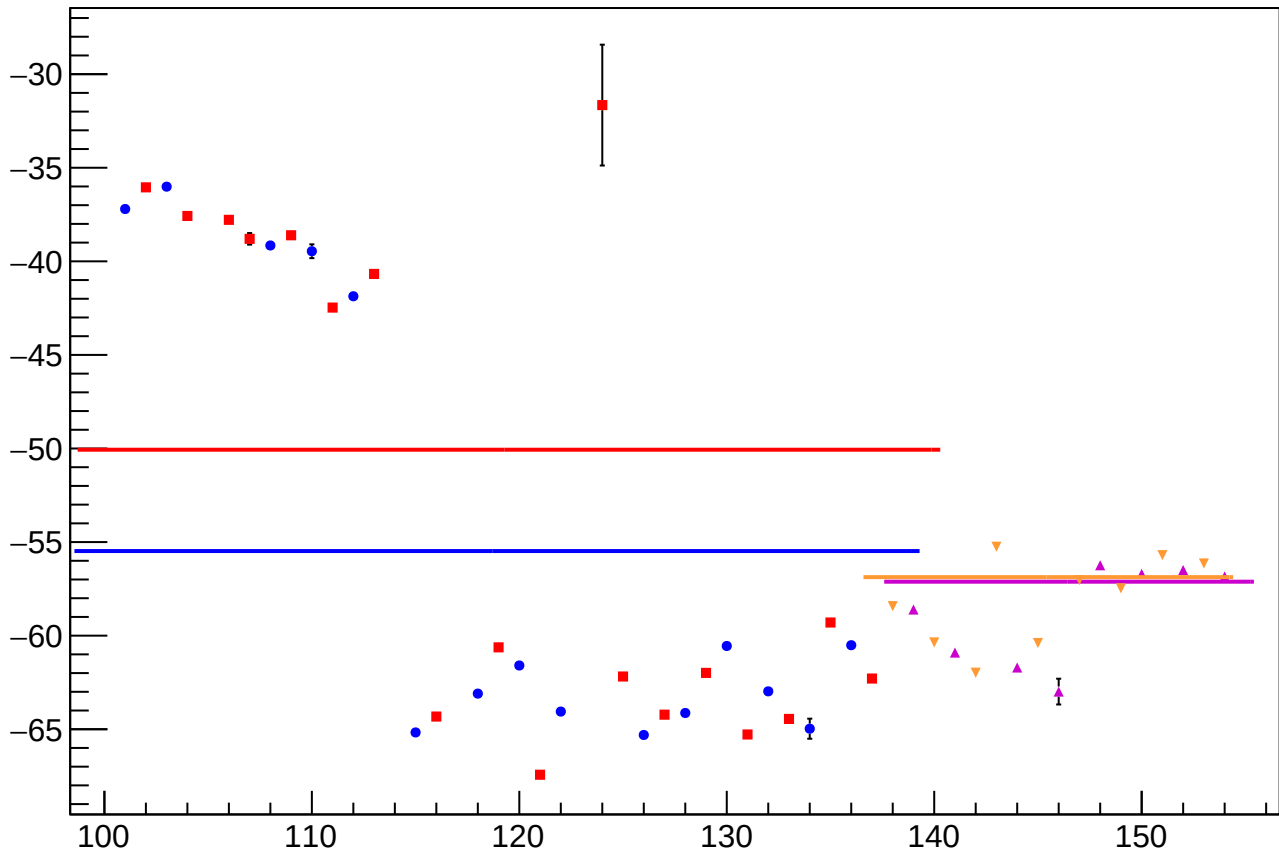
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.243 ± 0.016 $\chi^2/\text{NDF}: 6330.8/22$

Out: 28.314 ± 0.021 $\chi^2/\text{NDF}: 4634.4/26$

All: 28.270 ± 0.013 $\chi^2/\text{NDF}: 10972.4/49$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.873 $\pm$ 0.025 χ^2 /NDF: 4283.5/8

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -57.117 $\pm$ 0.019 χ^2 /NDF: 4629.0/7

Left: -57.030 $\pm$ 0.015 χ^2 /NDF: 8971.9/16

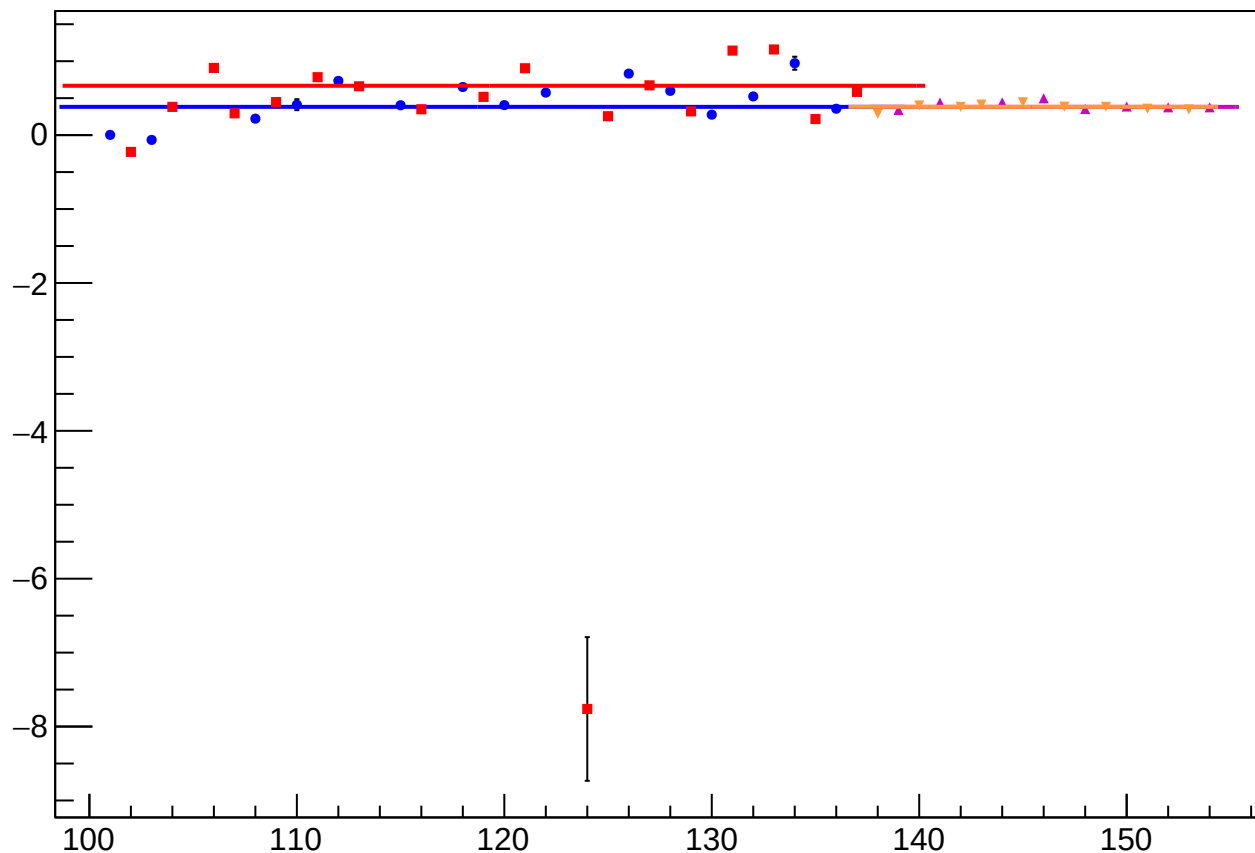
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.190 $\pm$ 0.012 χ^2 /NDF: 604006.6/22

Out: -53.160 $\pm$ 0.017 χ^2 /NDF: 383781.9/26

All: -55.137 $\pm$ 0.010 χ^2 /NDF: 1008324.7/49

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.383 $\pm$ 0.001 χ^2 /NDF:1133.2/8

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.382 $\pm$ 0.001 χ^2 /NDF:1760.5/7

Left: 0.382 $\pm$ 0.000 χ^2 /NDF: 2896.2/16

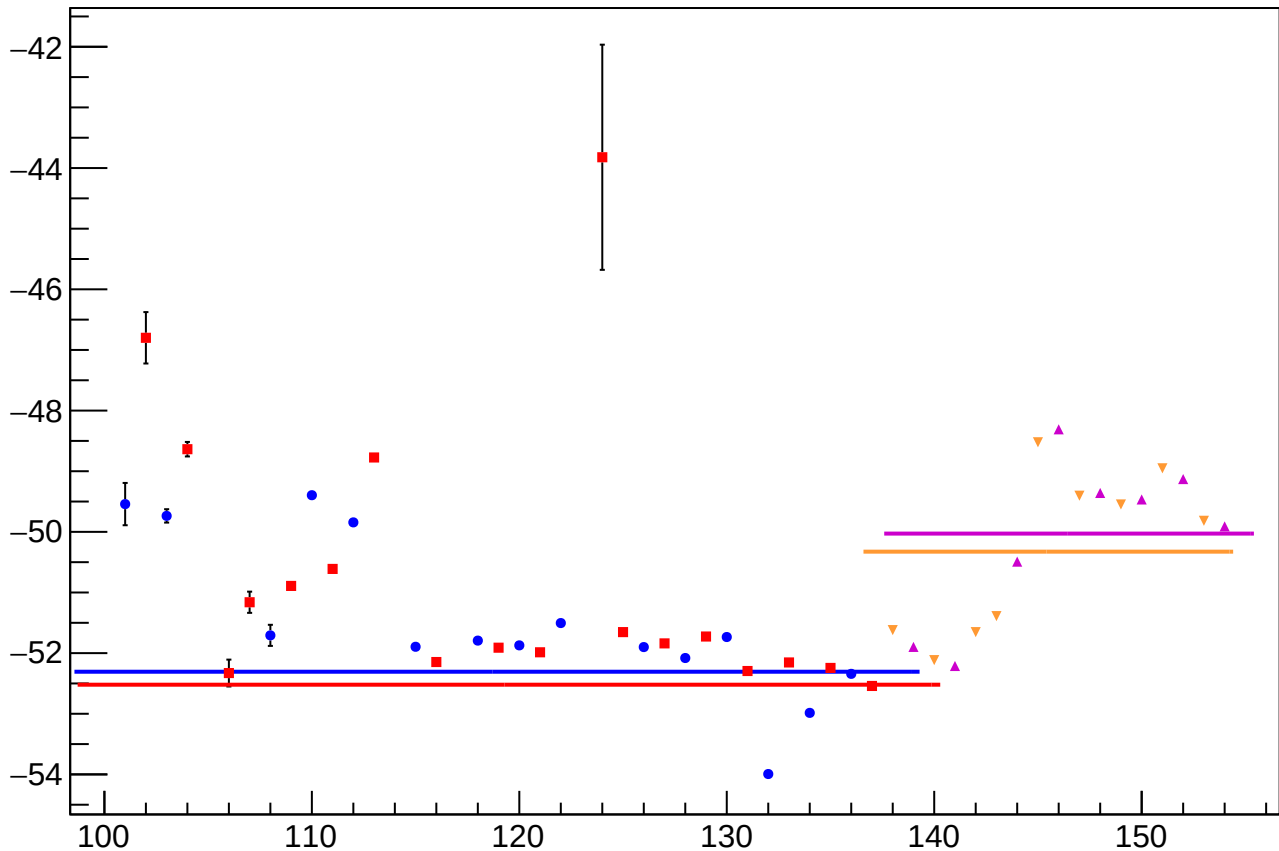
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.382 $\pm$ 0.000 χ^2 /NDF:6356.4/22

Out: 0.389 $\pm$ 0.001 χ^2 /NDF:8569.0/26

All: 0.384 $\pm$ 0.000 χ^2 /NDF: 15002.4/49

dit_sam8_4aY_slope vs Slug, Sign Corrected

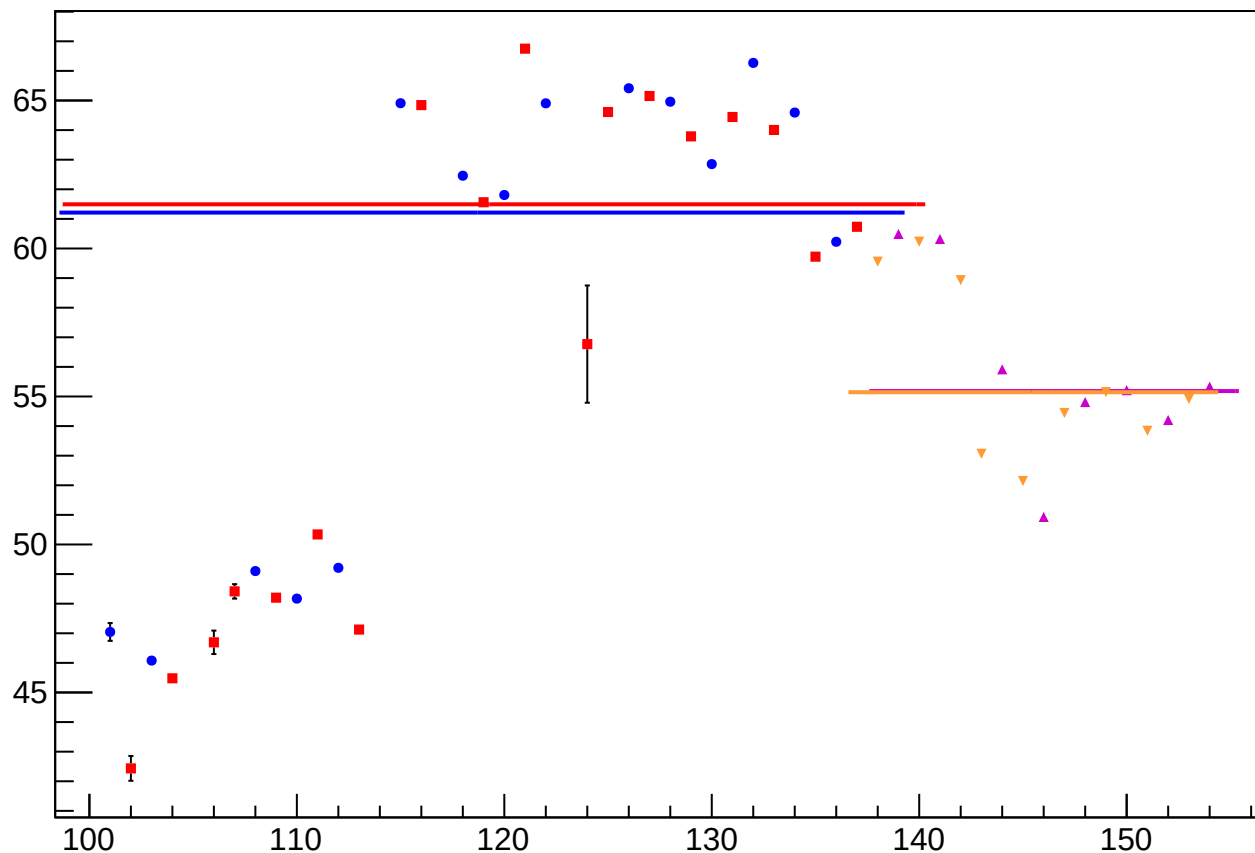


Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14
 Left Out: -50.326 $\pm$ 0.003 χ^2 /NDF:121303.0/8
 Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17
 Left In: -50.028 $\pm$ 0.002 χ^2 /NDF:213953.8/7

Left: -50.136 $\pm$ 0.002 χ^2 /NDF: 341827.1/16
 Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32
 In: -50.584 $\pm$ 0.002 χ^2 /NDF:499996.2/22
 Out: -52.250 $\pm$ 0.001 χ^2 /NDF:623788.7/26

All: -51.875 $\pm$ 0.001 χ^2 /NDF: 1709850.4/49

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.144 ± 0.005 χ^2/NDF : 194256.9/8

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.183 ± 0.004 χ^2/NDF : 58082.3/7

Left: 55.169 ± 0.003 χ^2/NDF : 252375.2/16

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.984 ± 0.004 χ^2/NDF : 534600.2/22

Out: 57.542 ± 0.004 χ^2/NDF : 993720.9/26

All: 56.661 ± 0.003 χ^2/NDF : 1608839.6/49

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

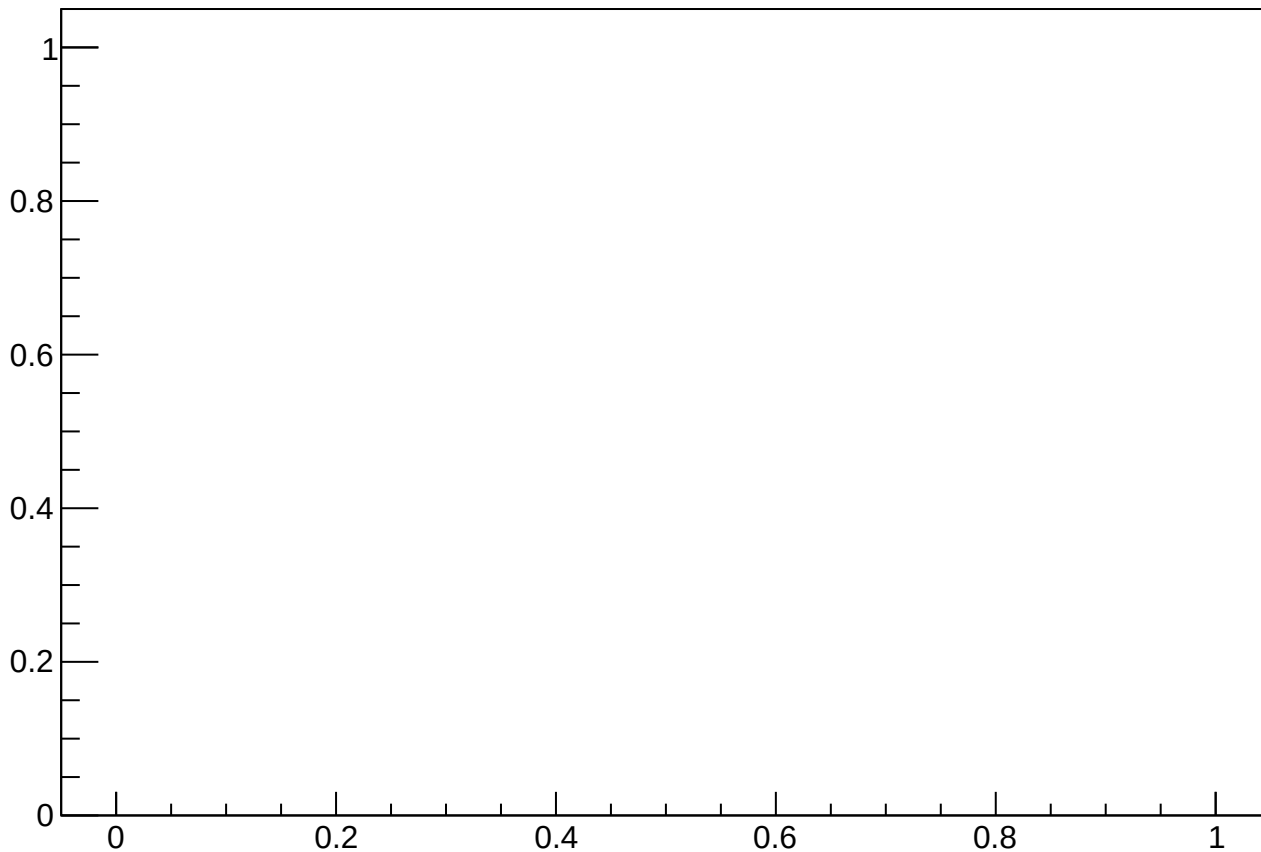
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

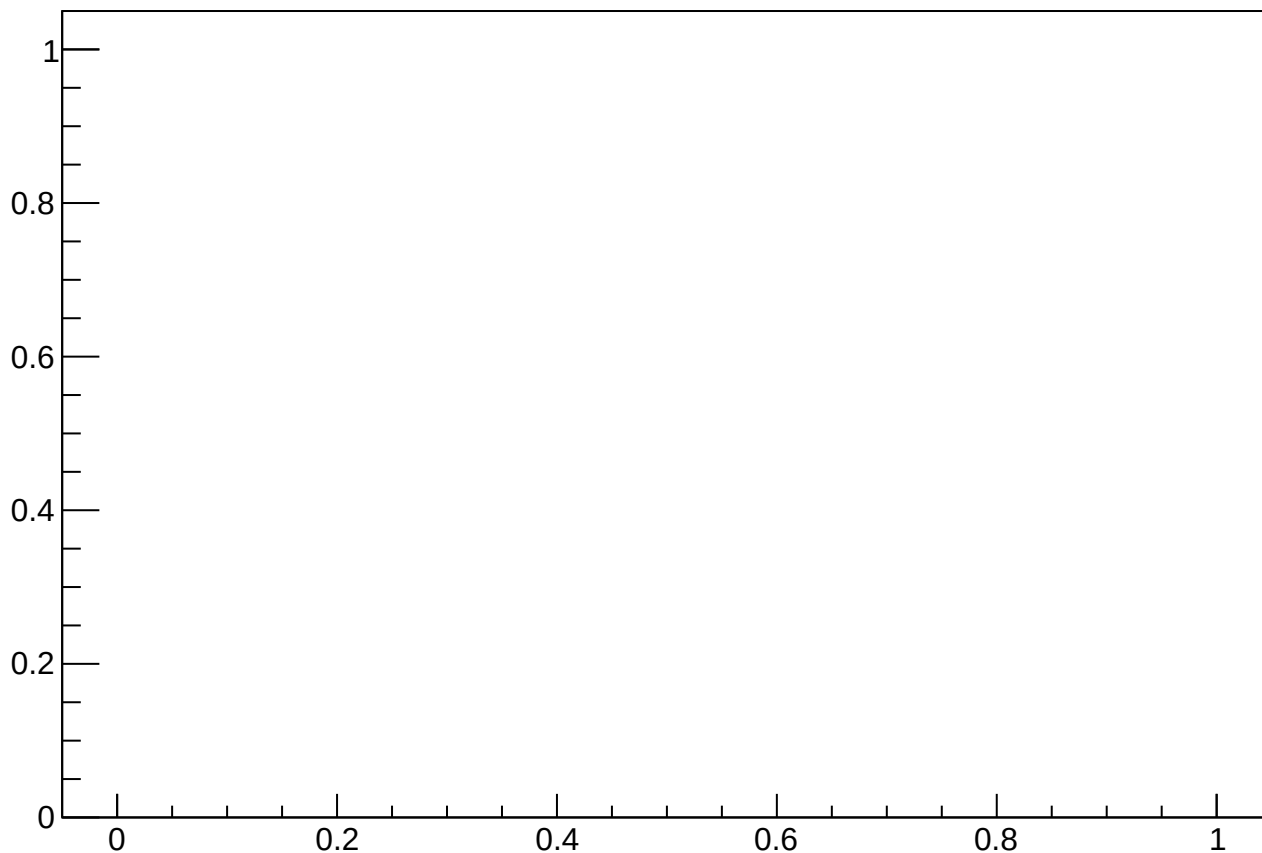
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

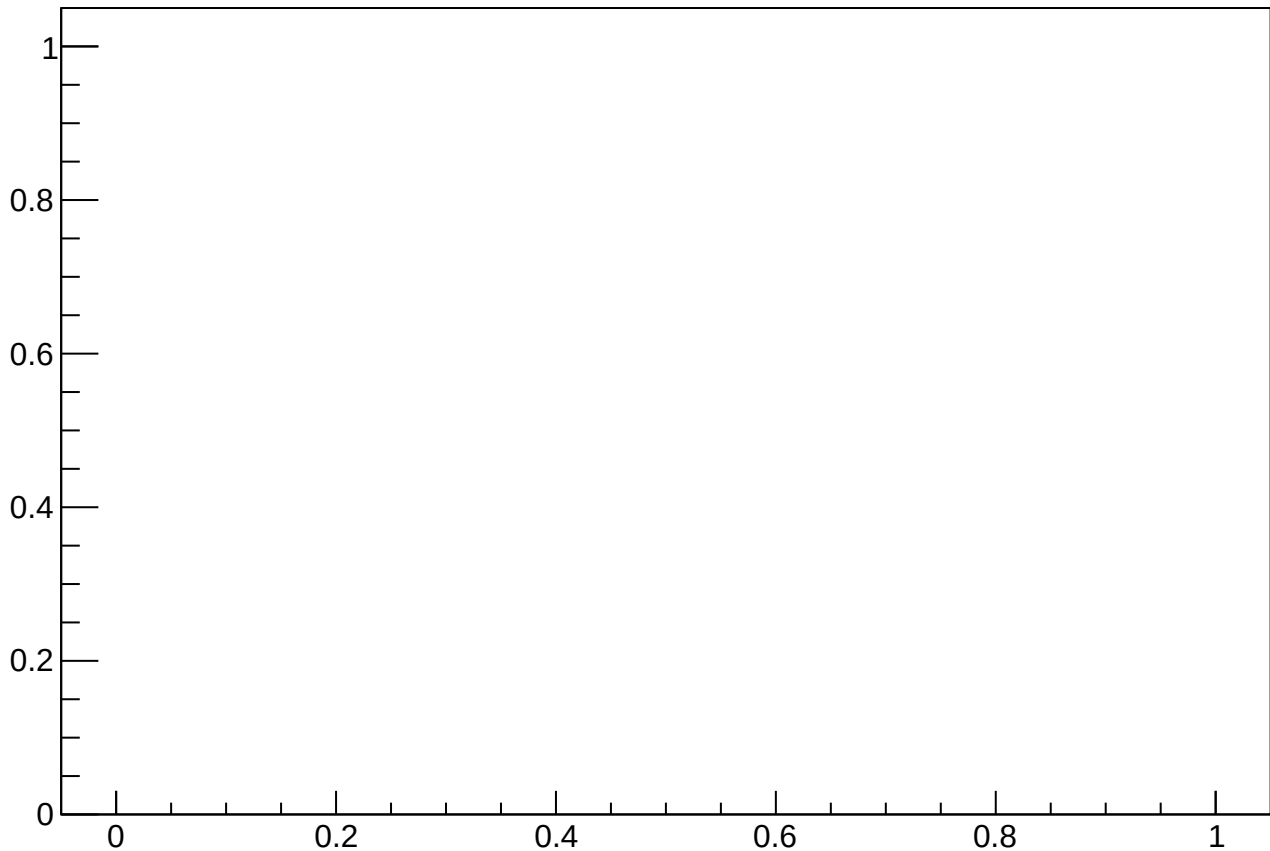
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

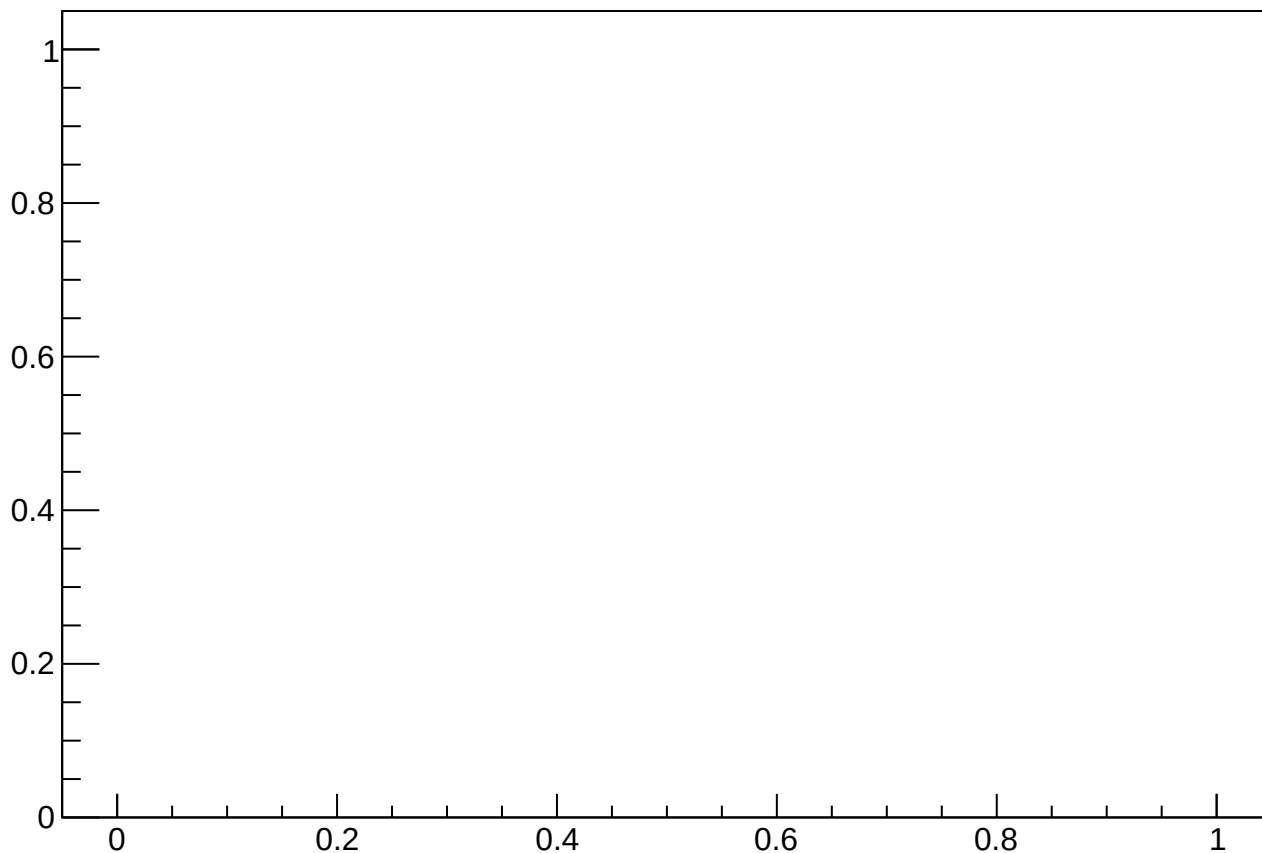
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

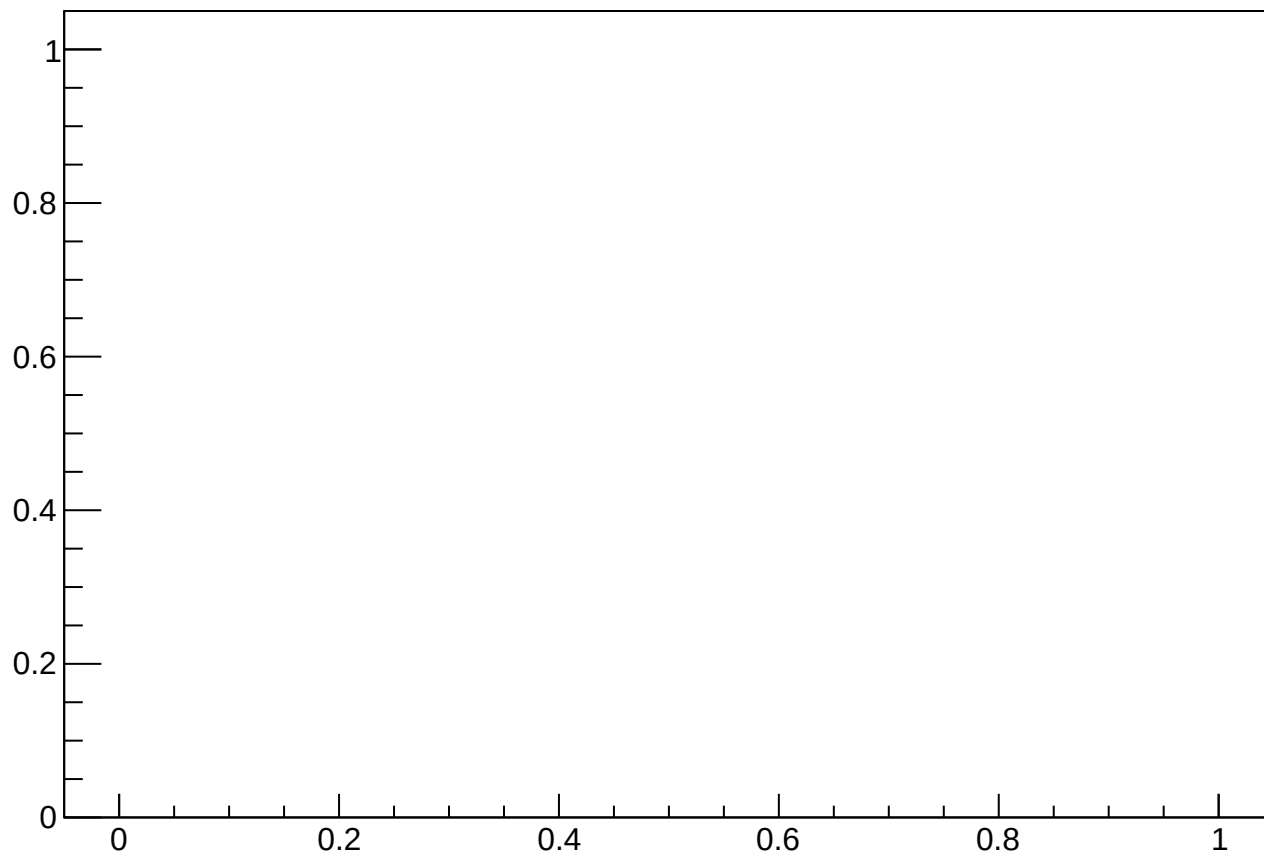
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

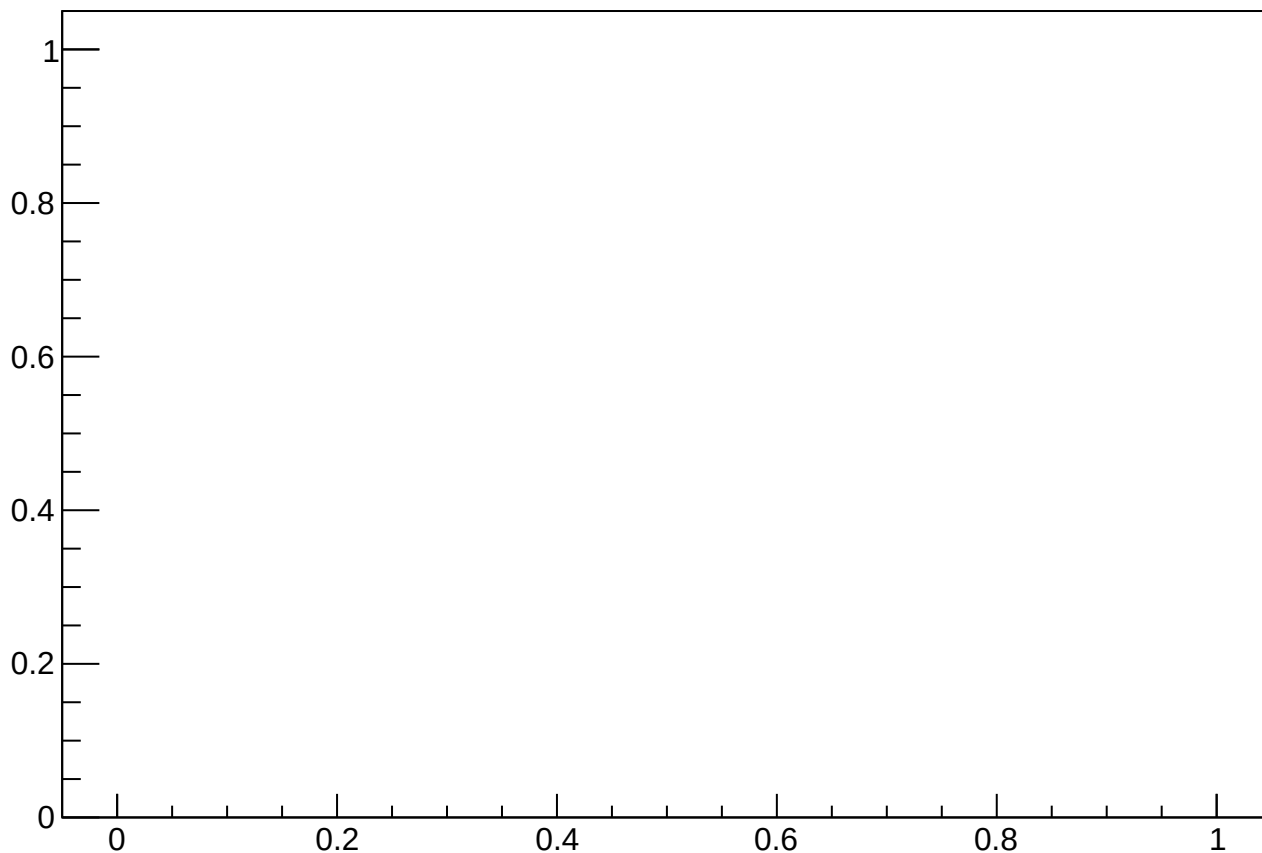
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

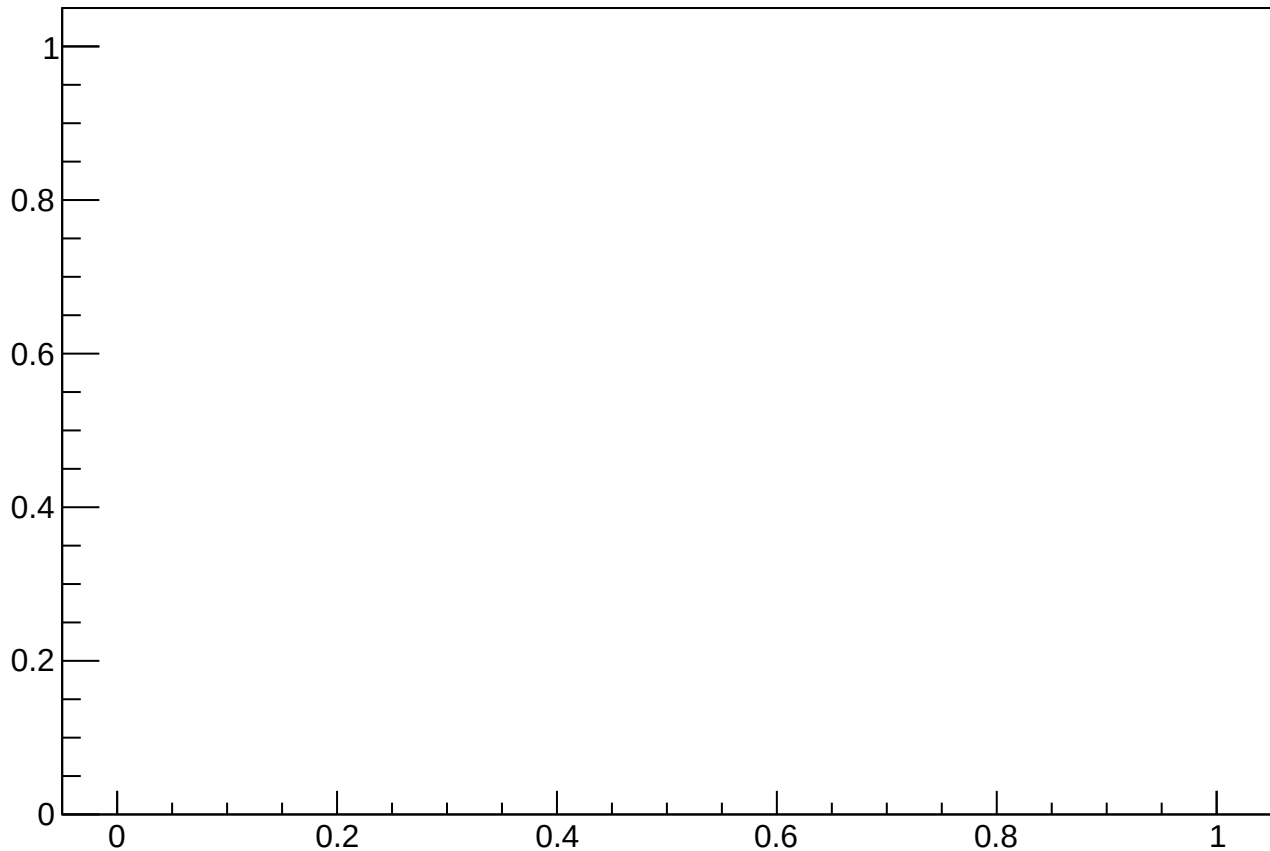
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

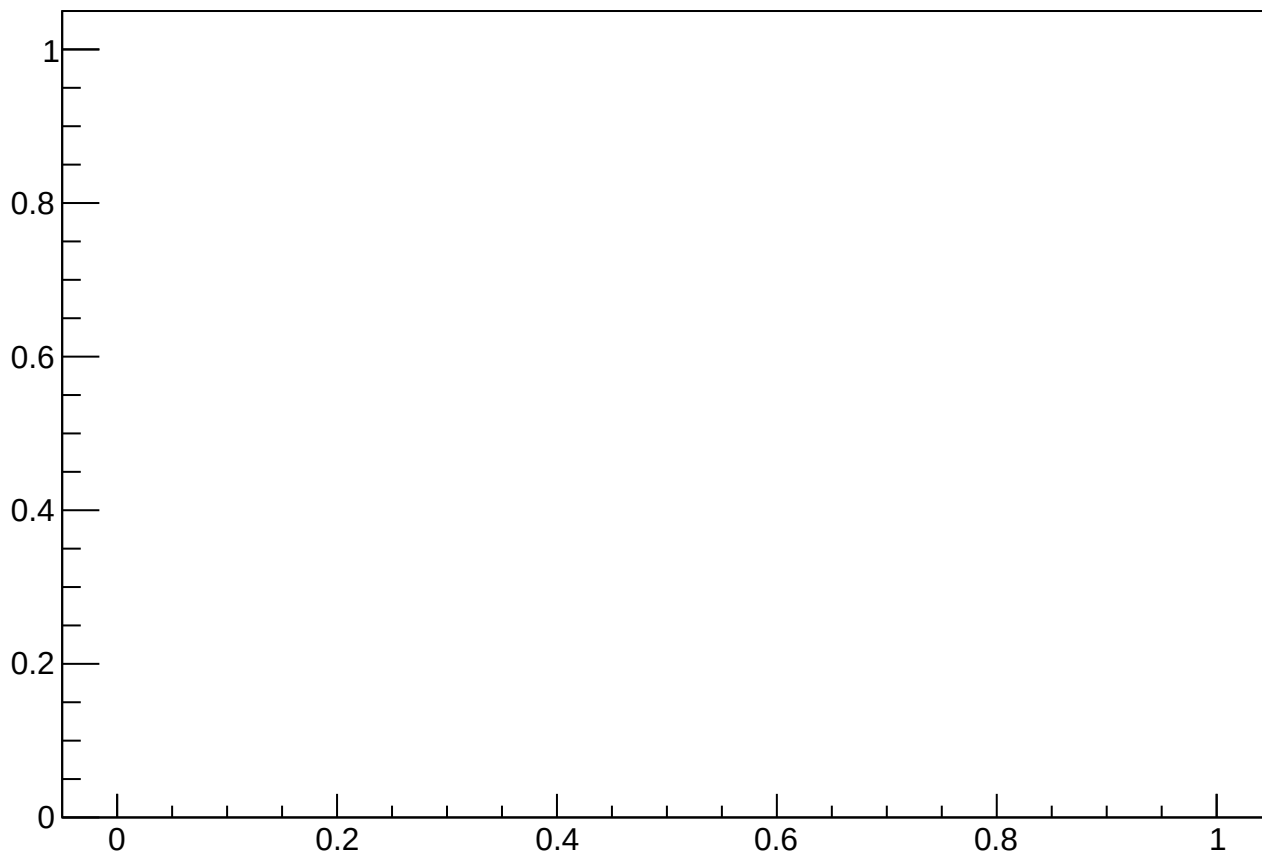
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

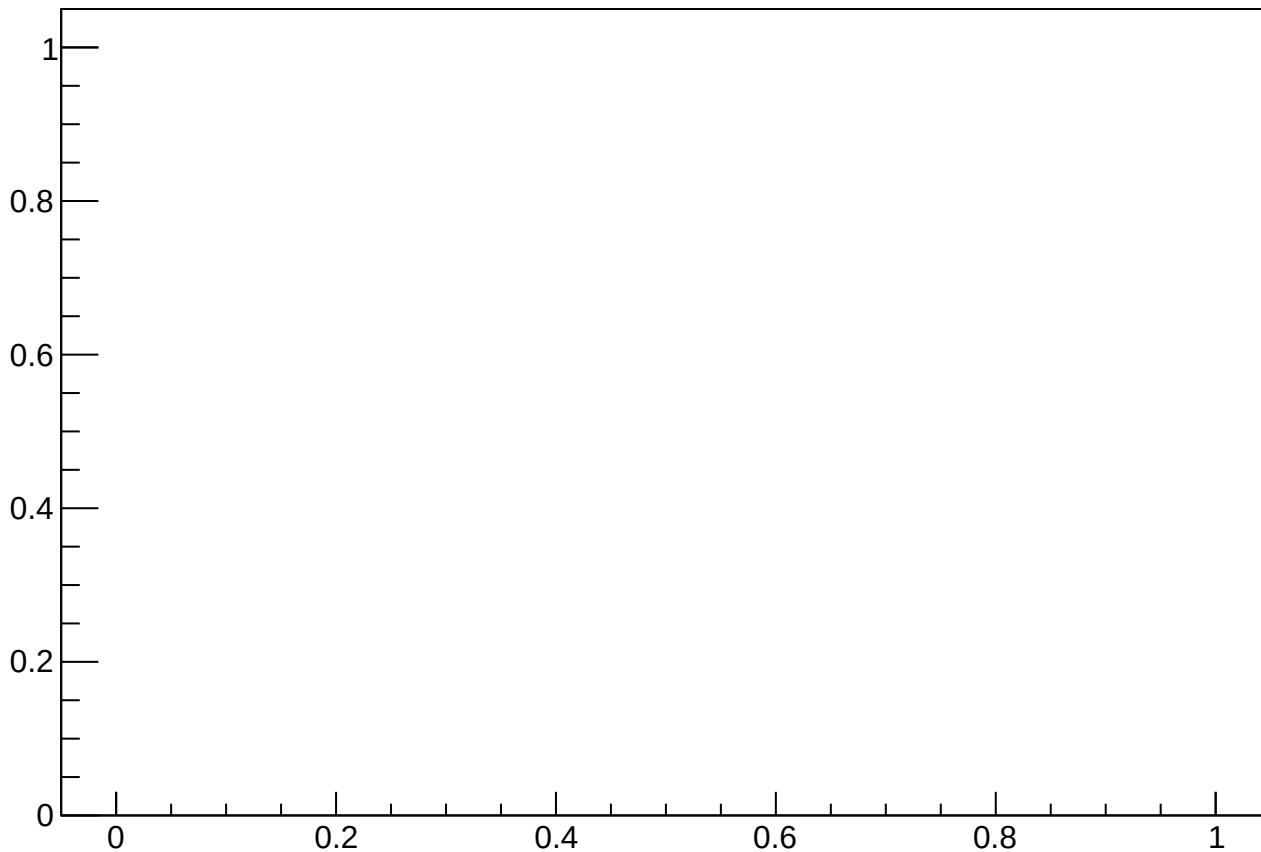
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

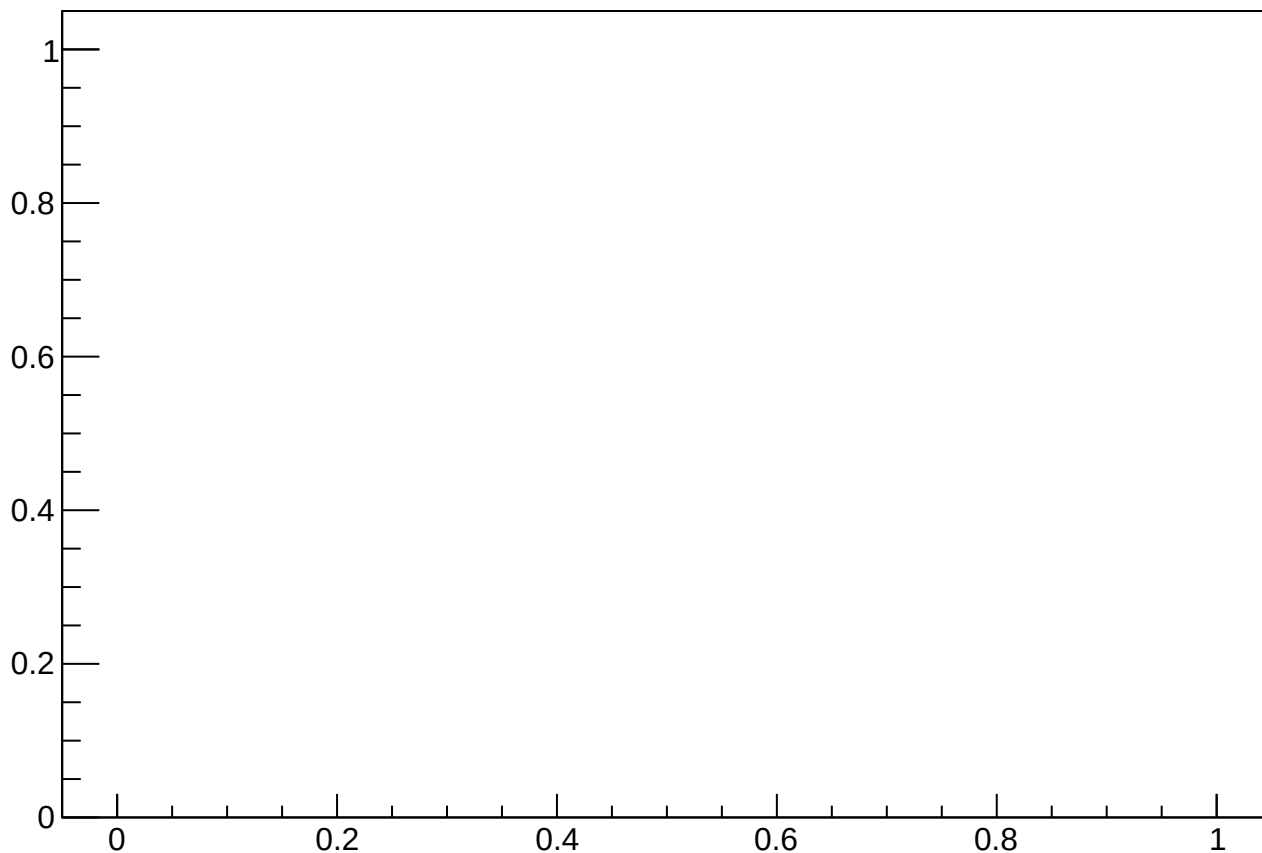
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

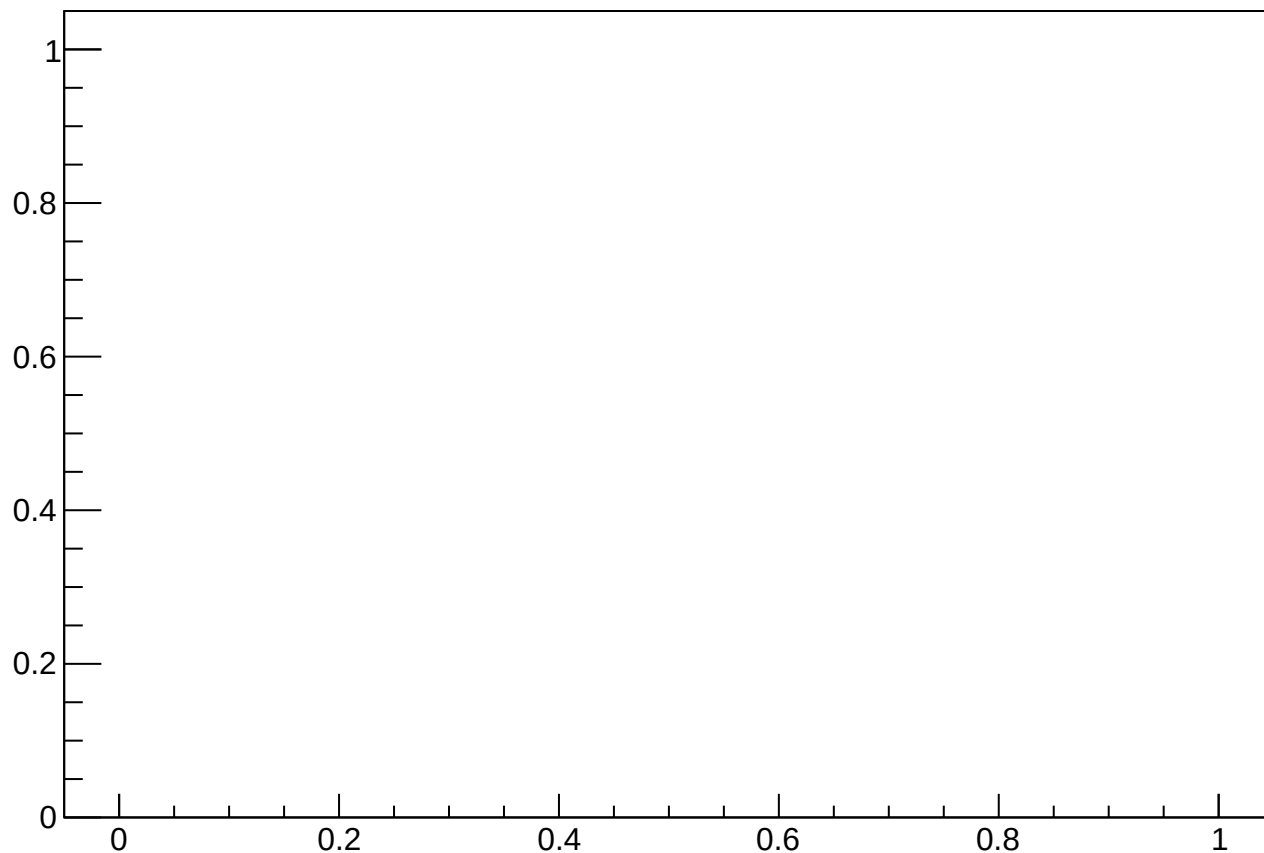
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

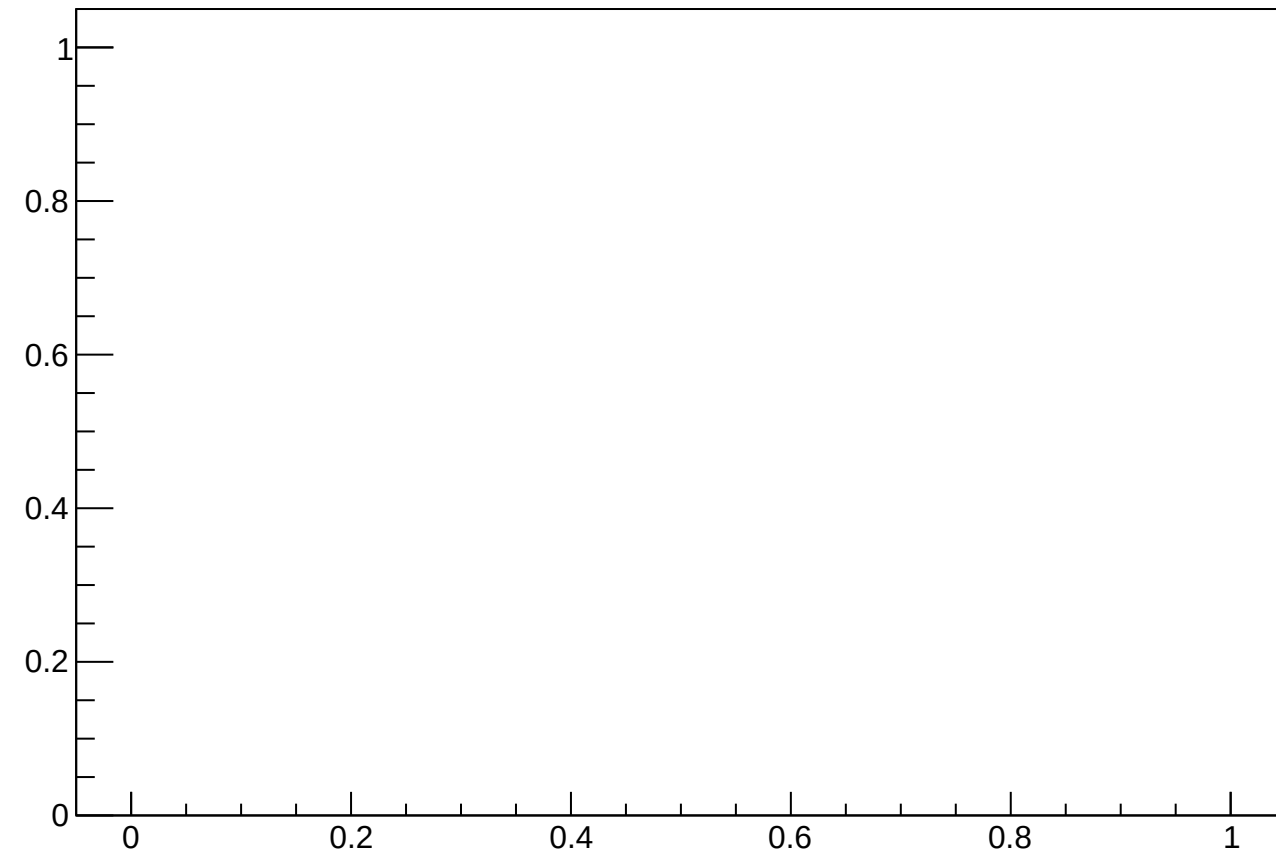
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

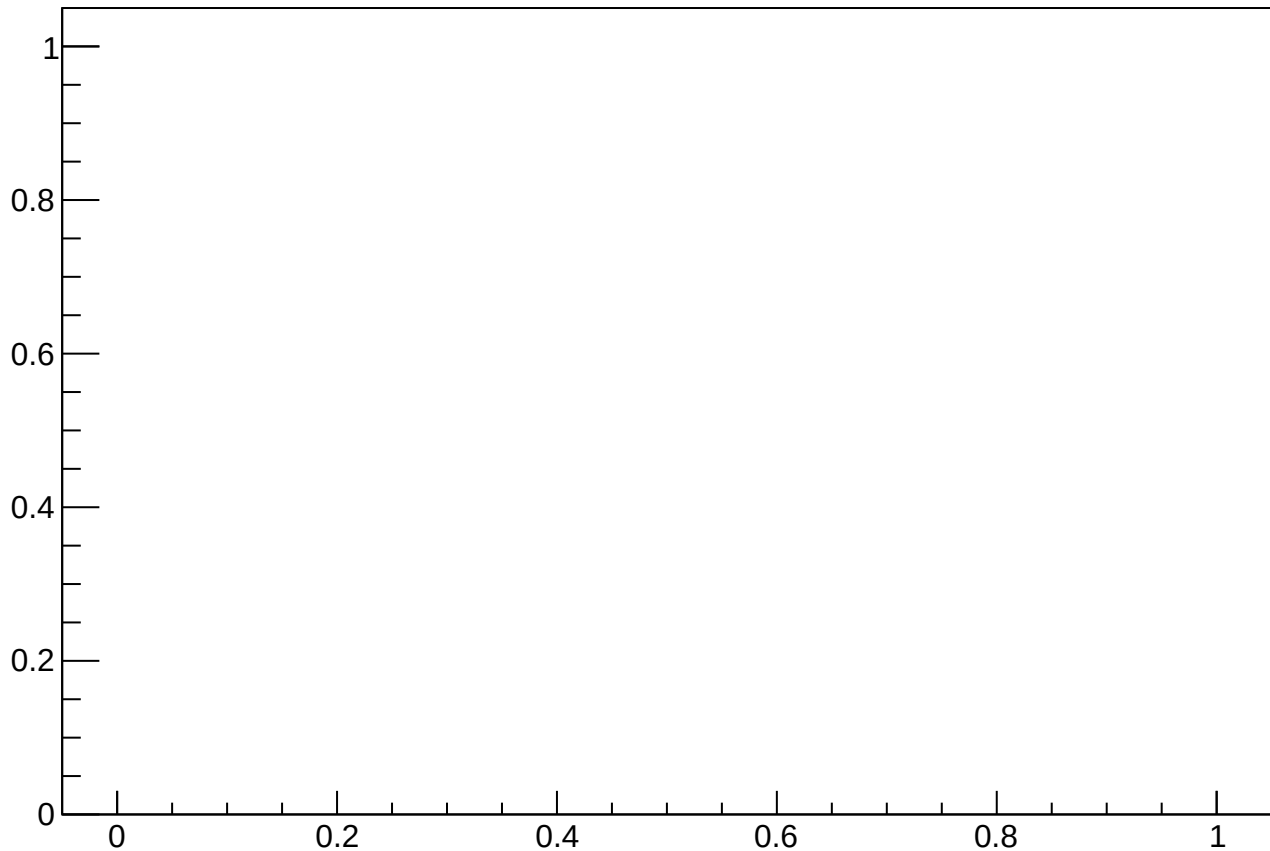
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

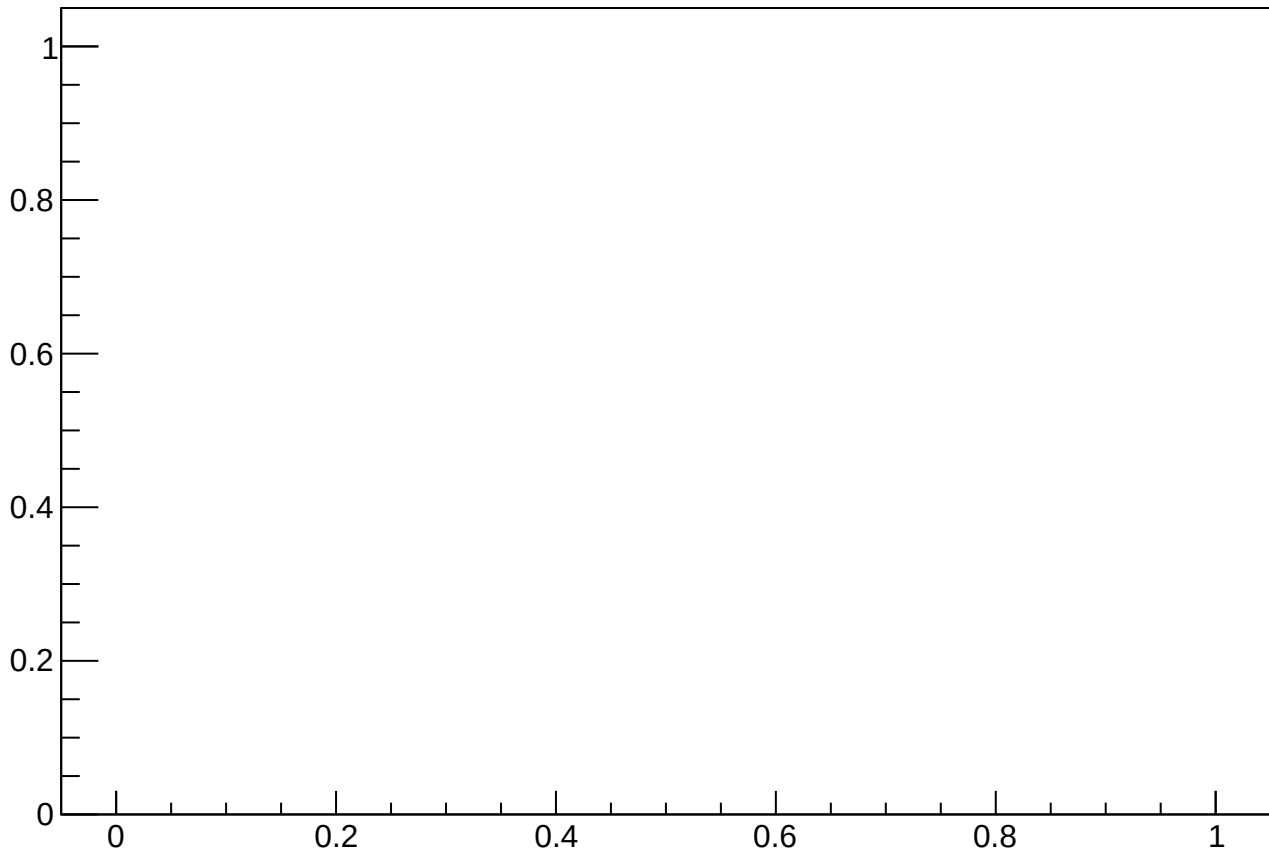
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

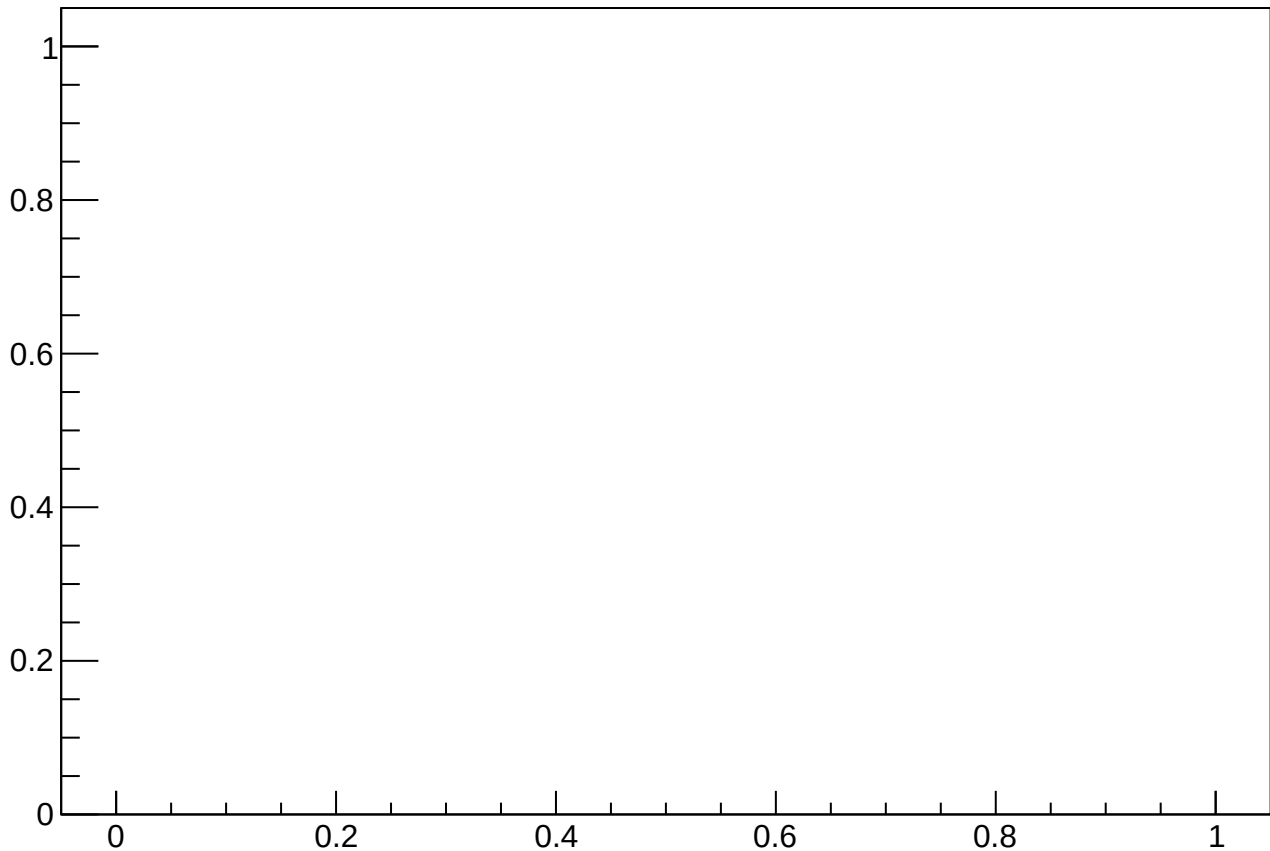
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

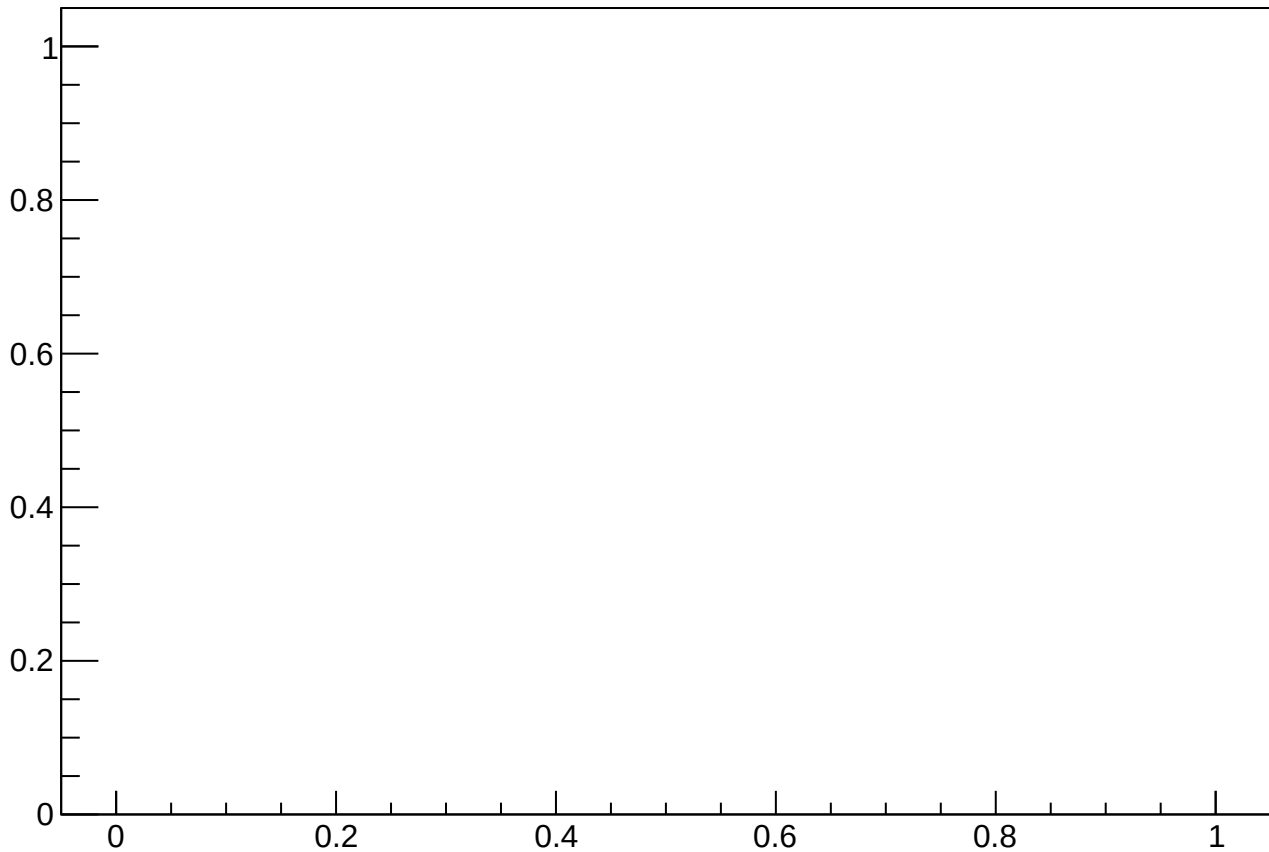
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

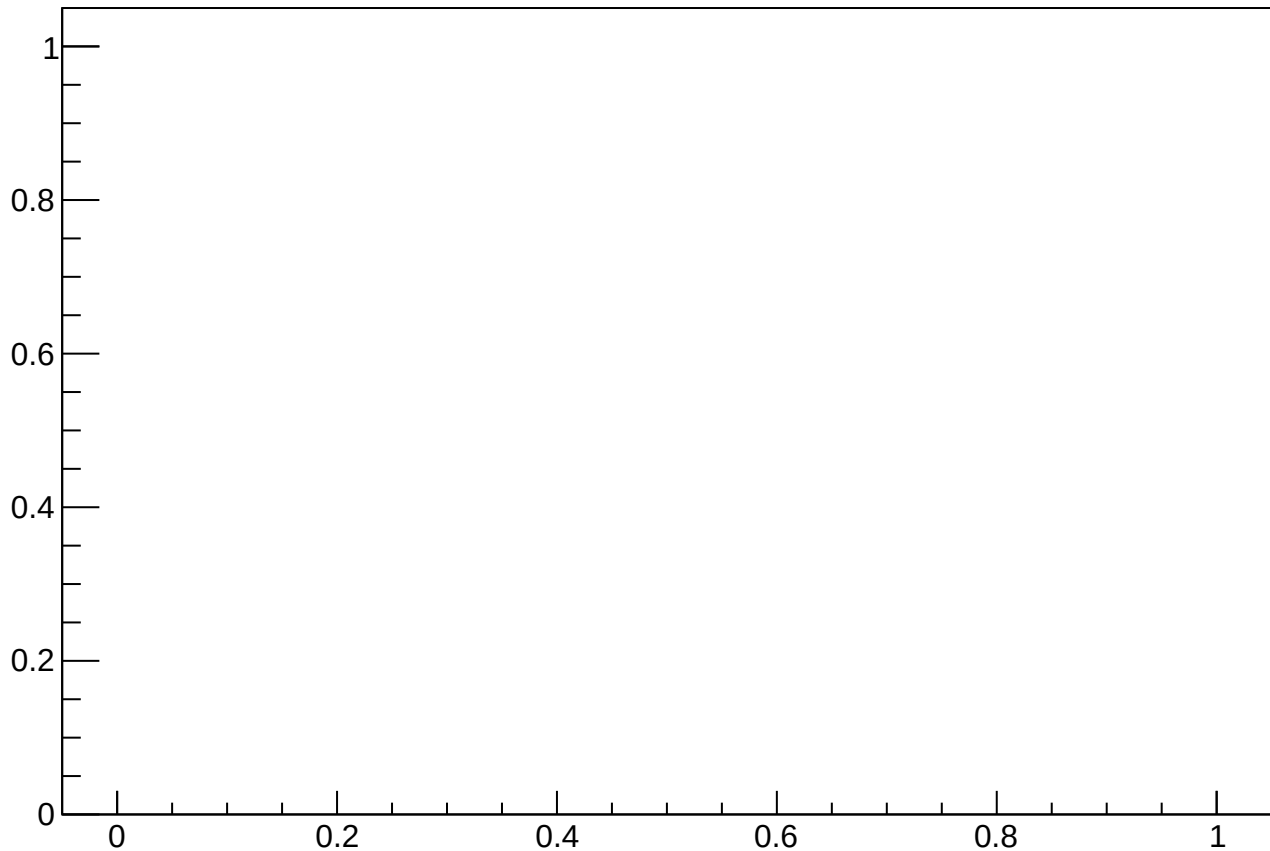
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

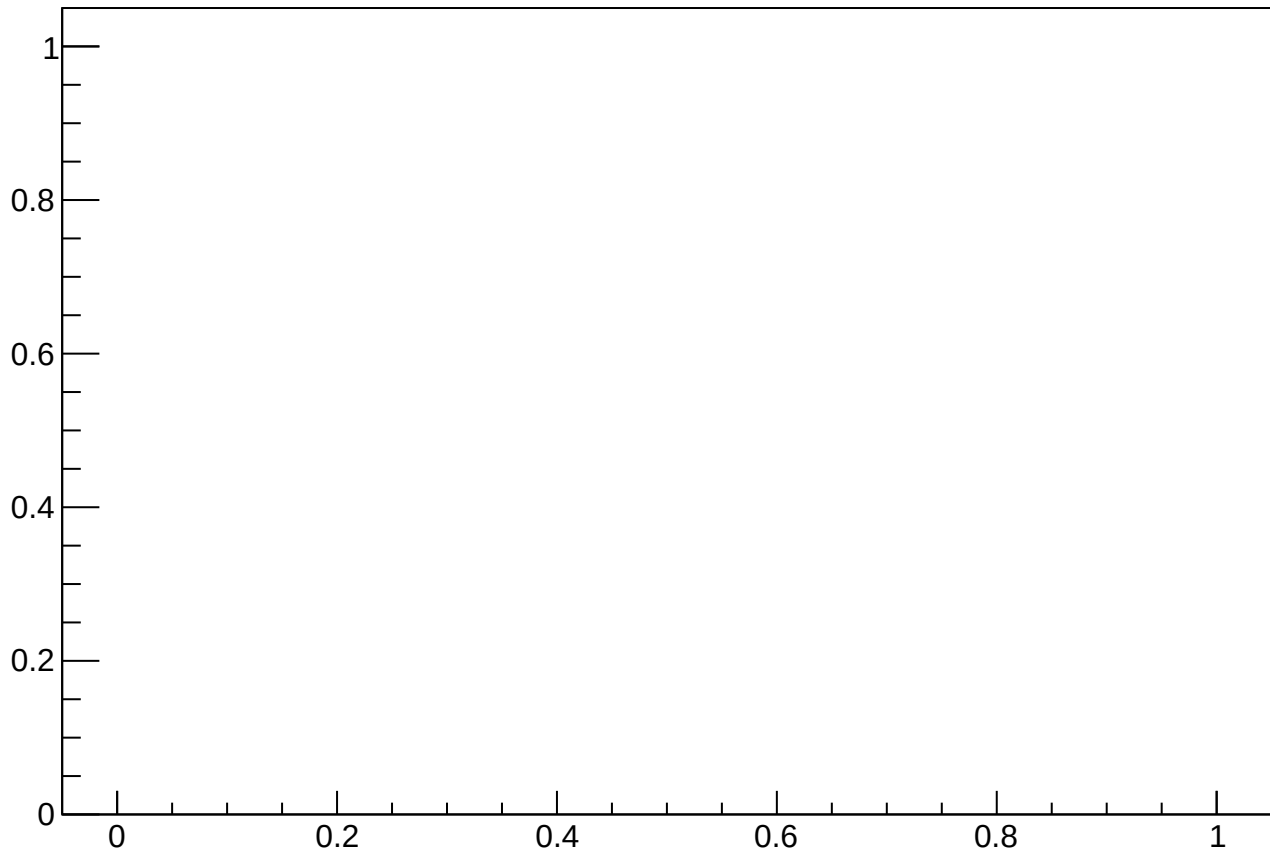
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

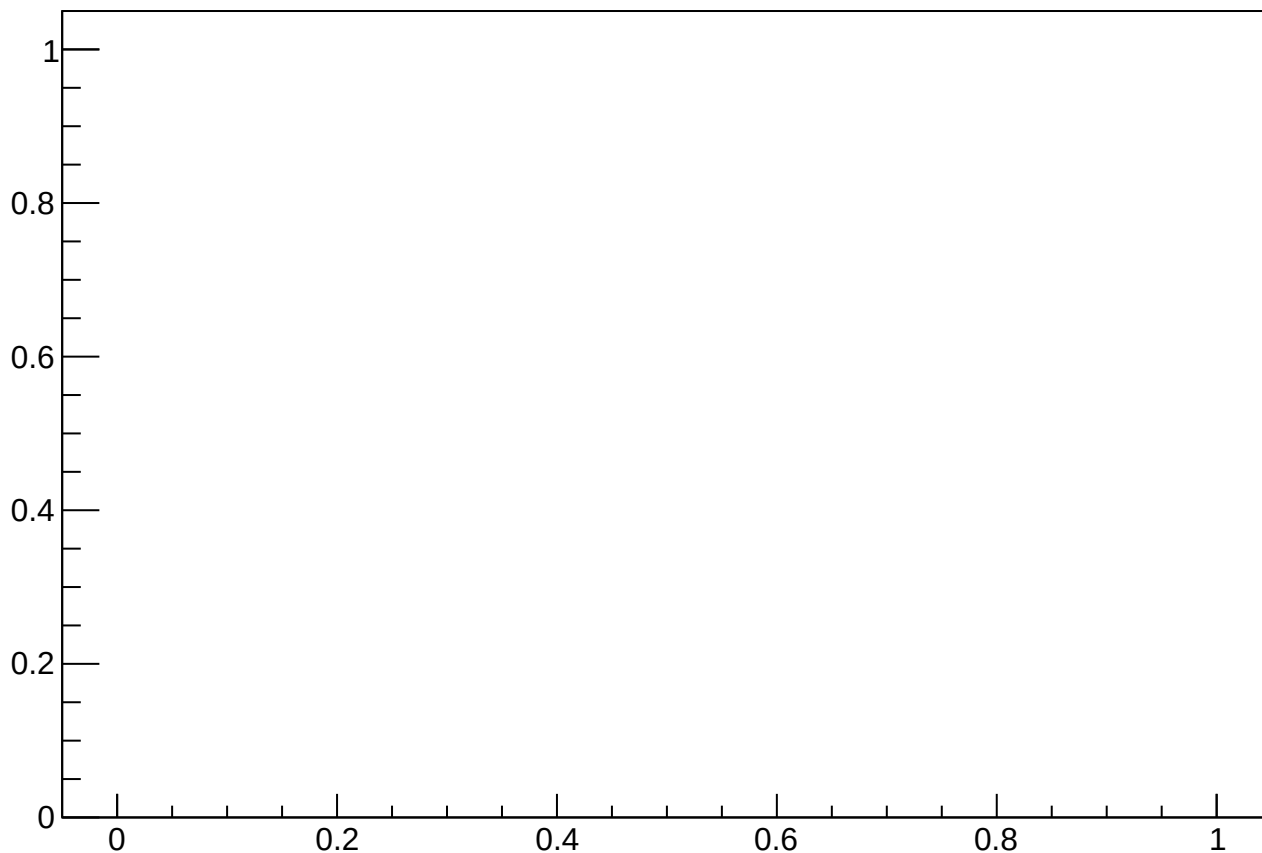
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

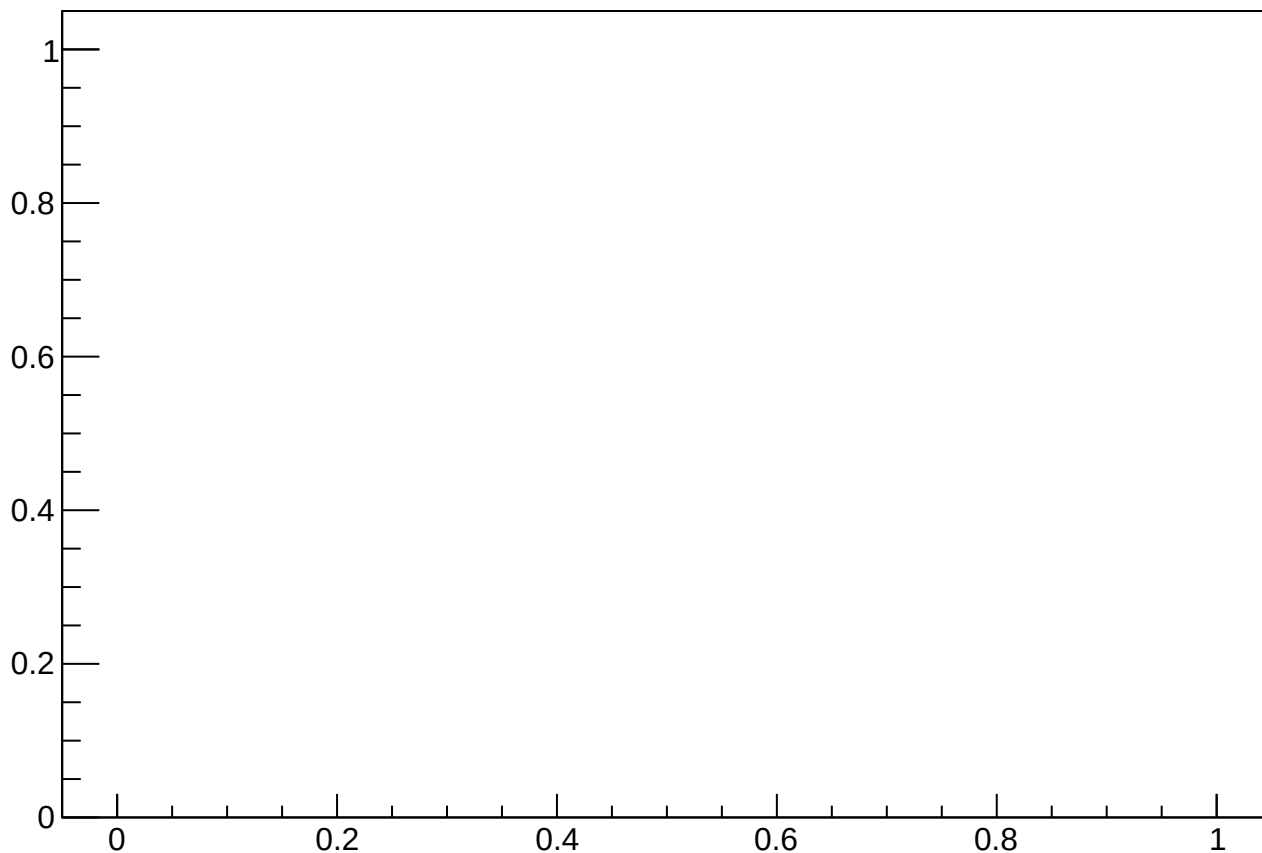
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

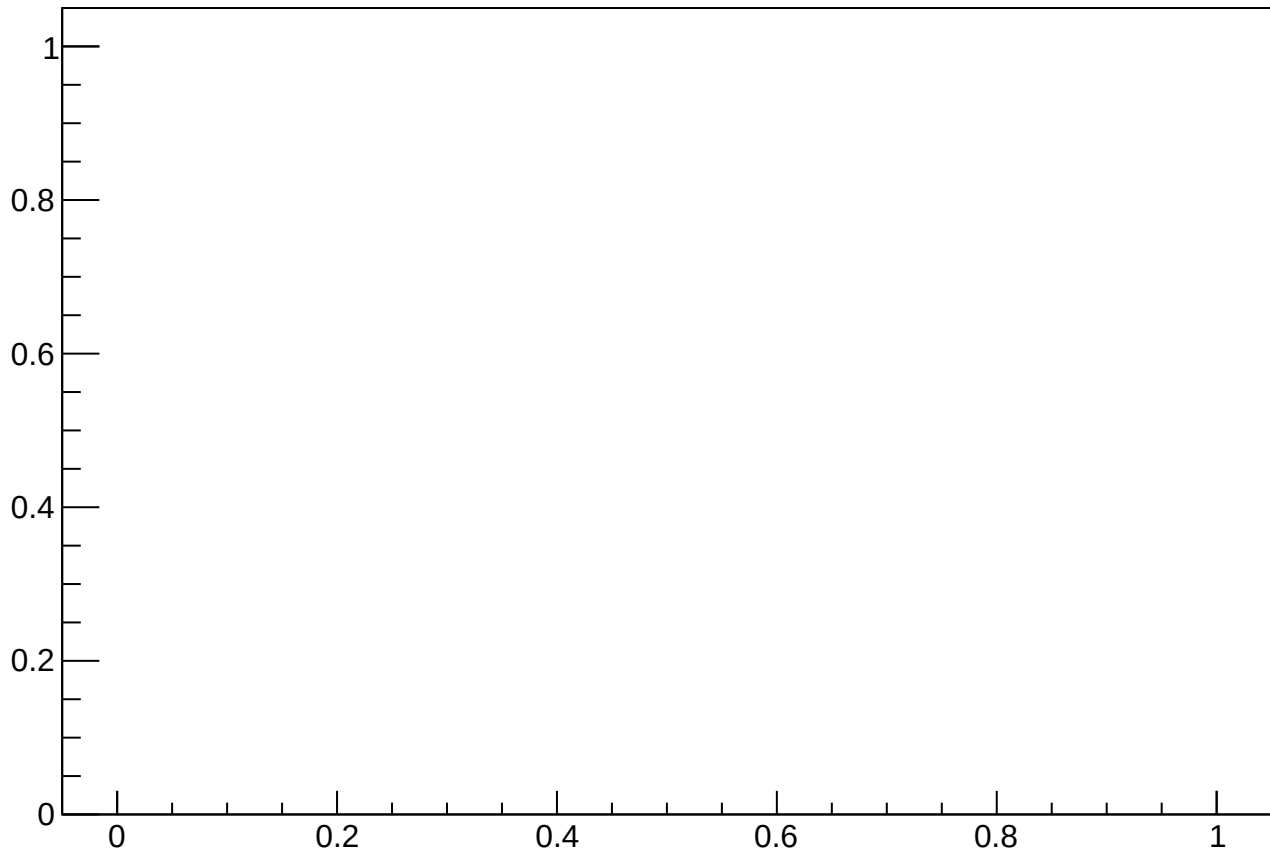
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

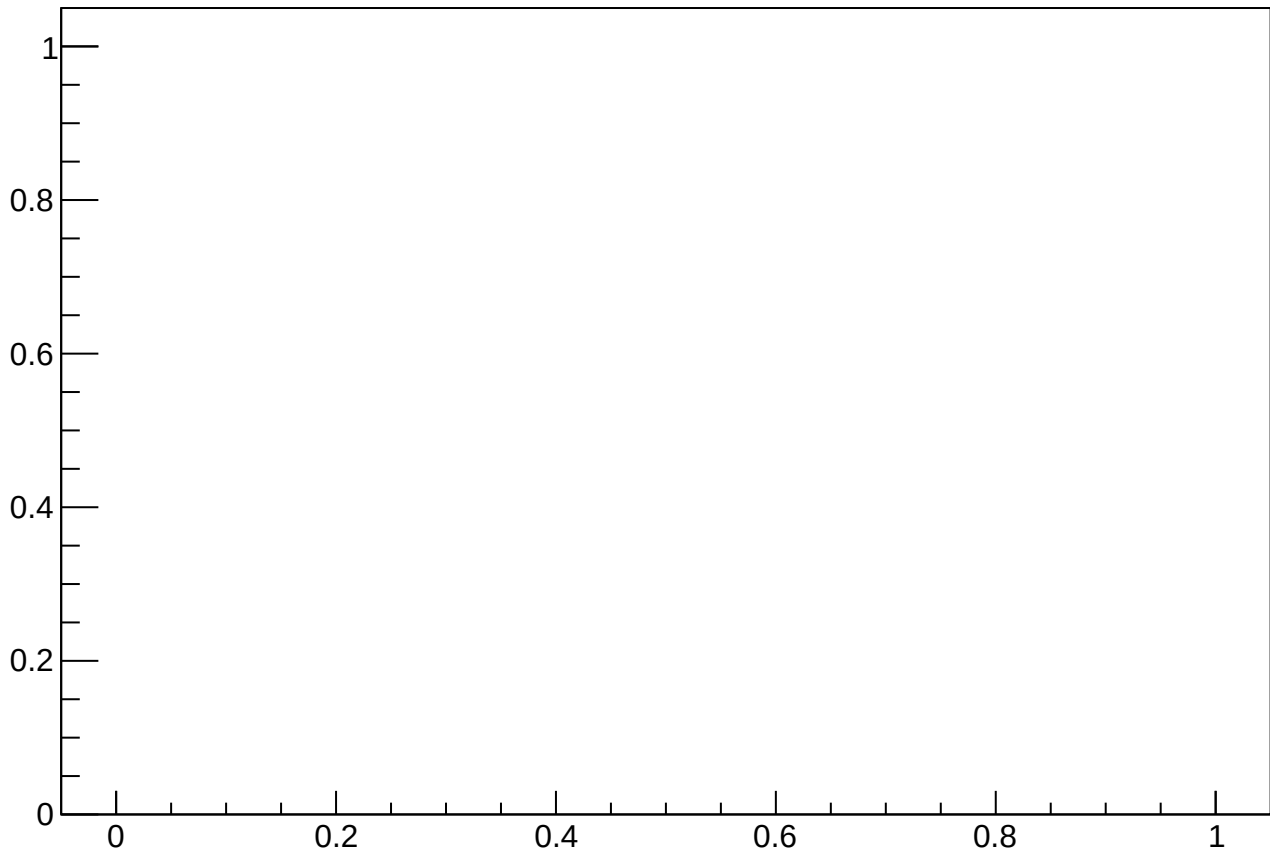
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

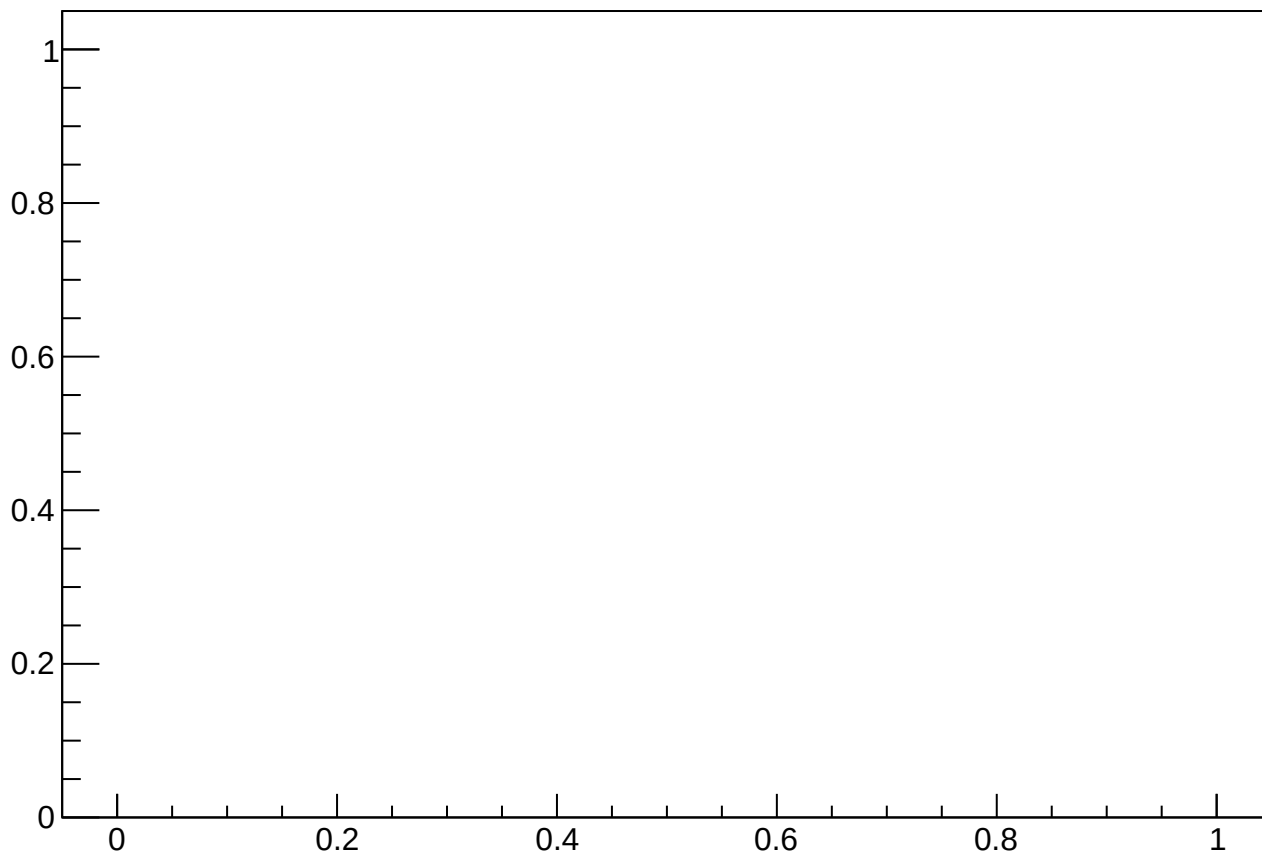
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

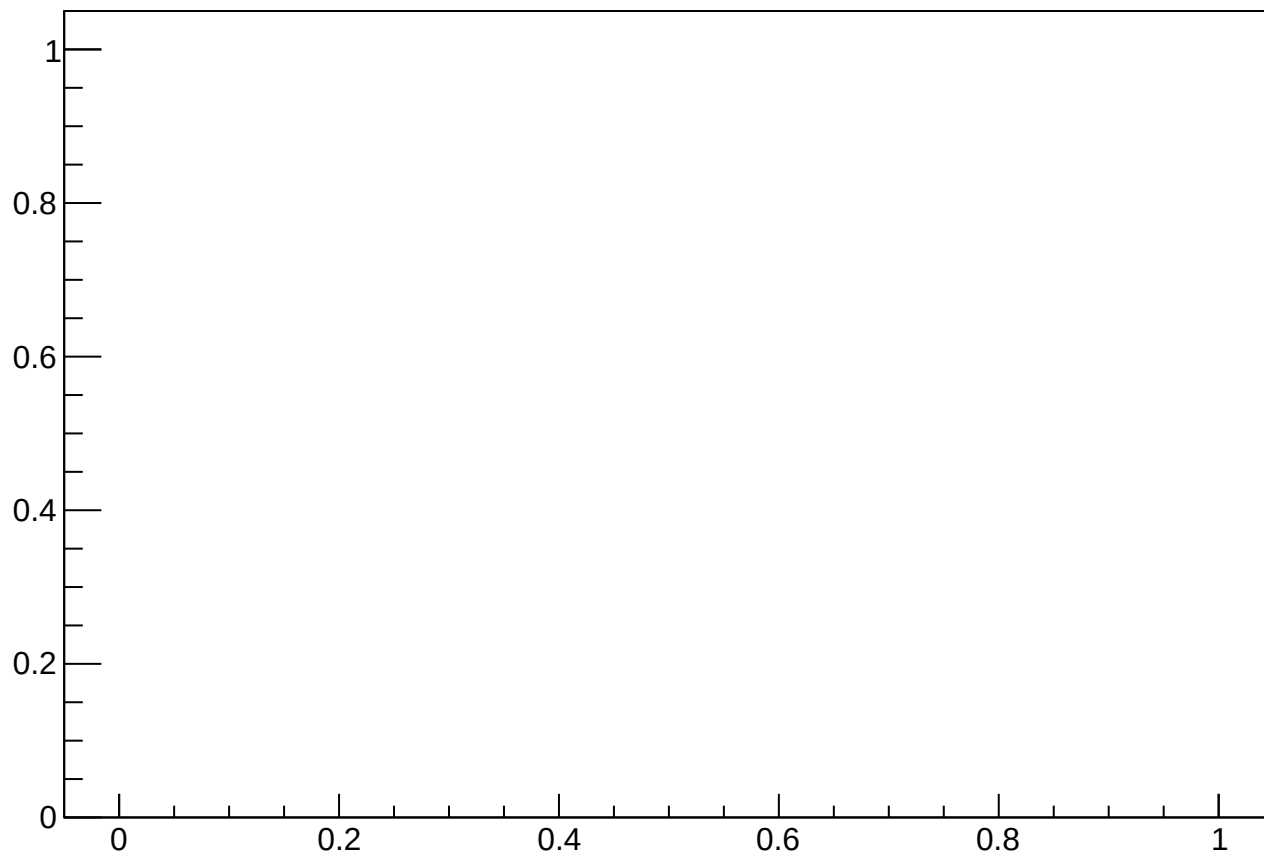
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

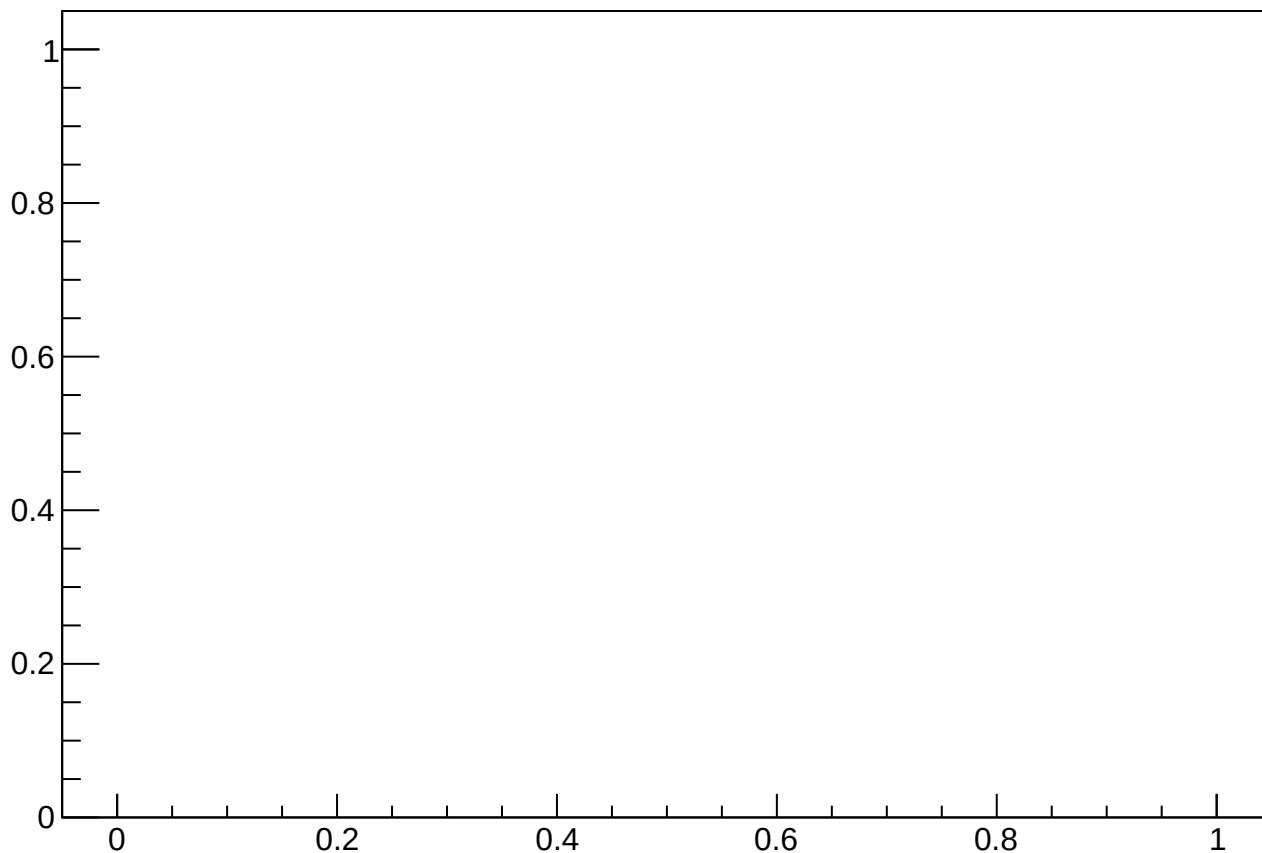
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

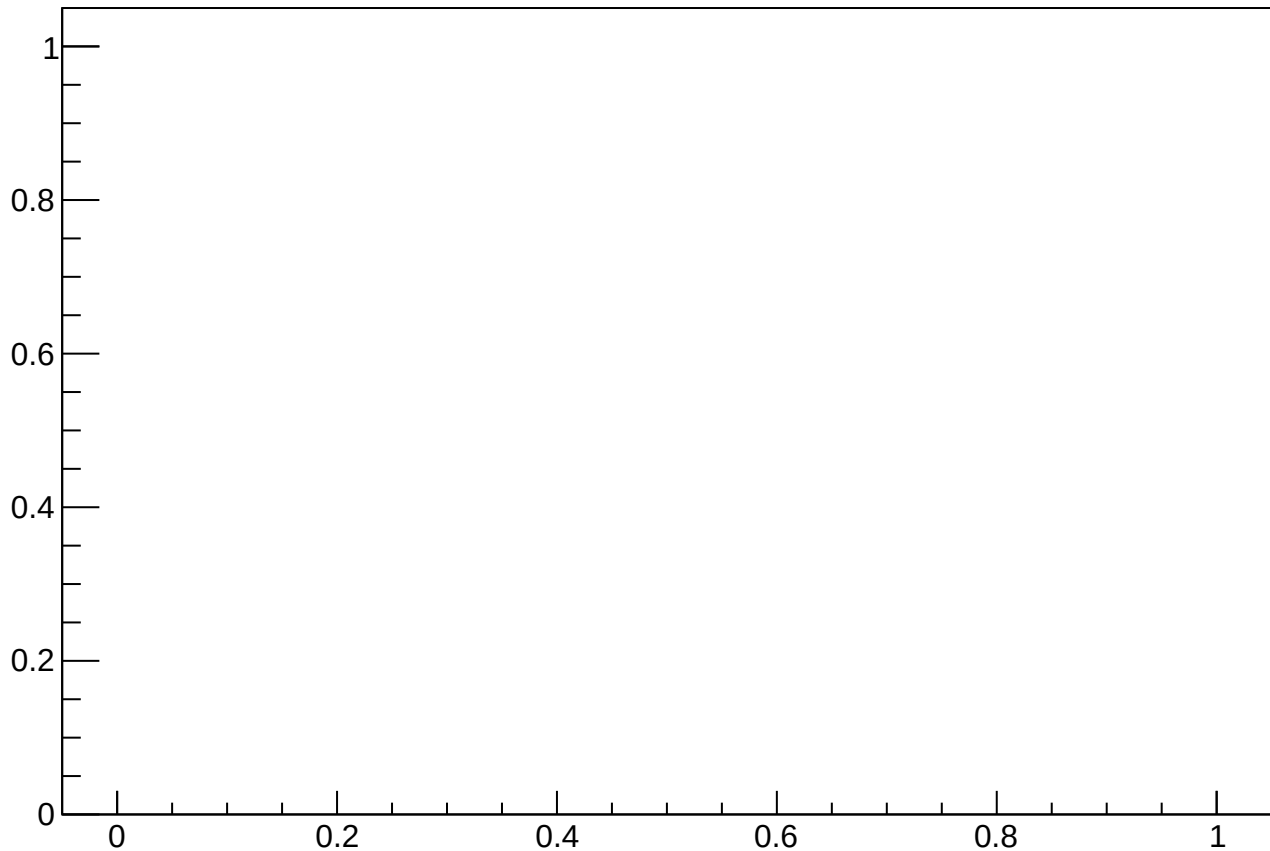
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

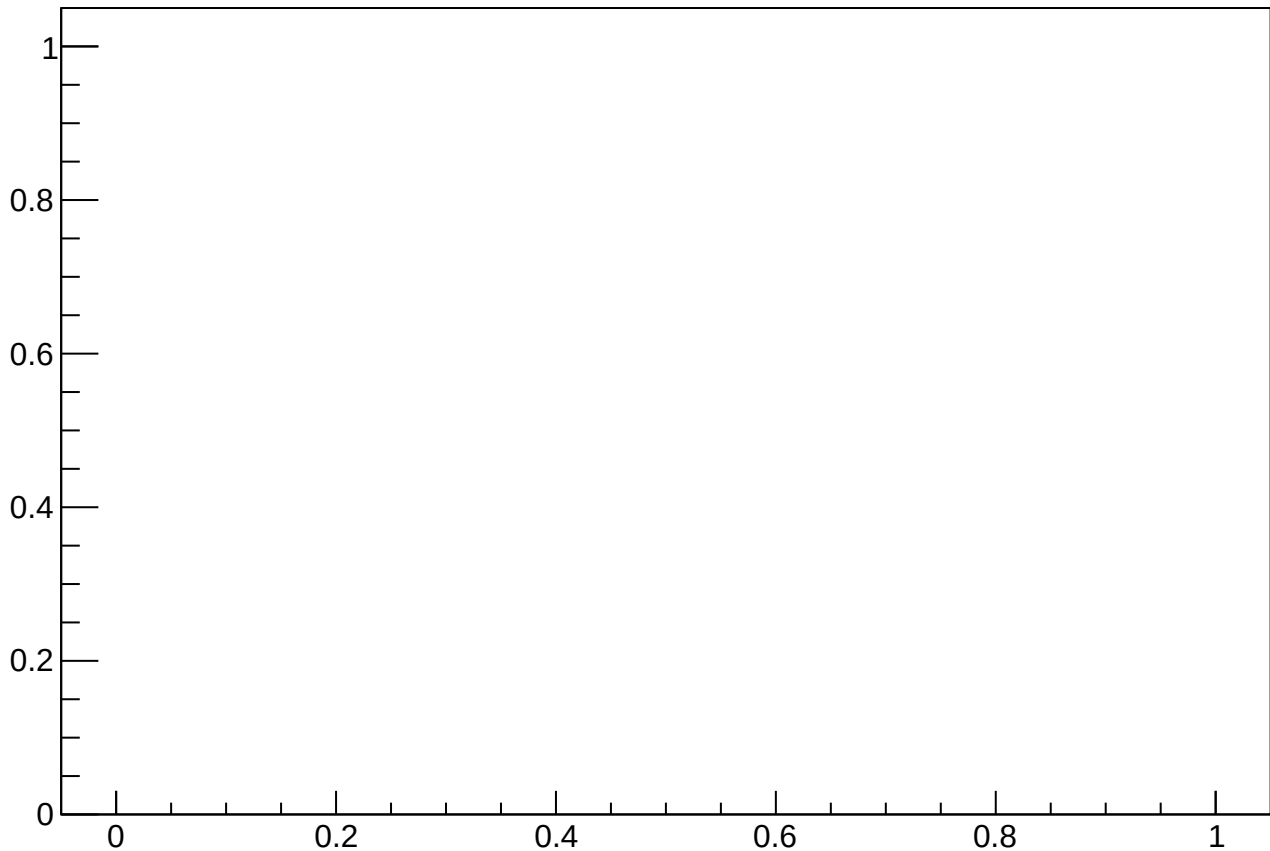
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

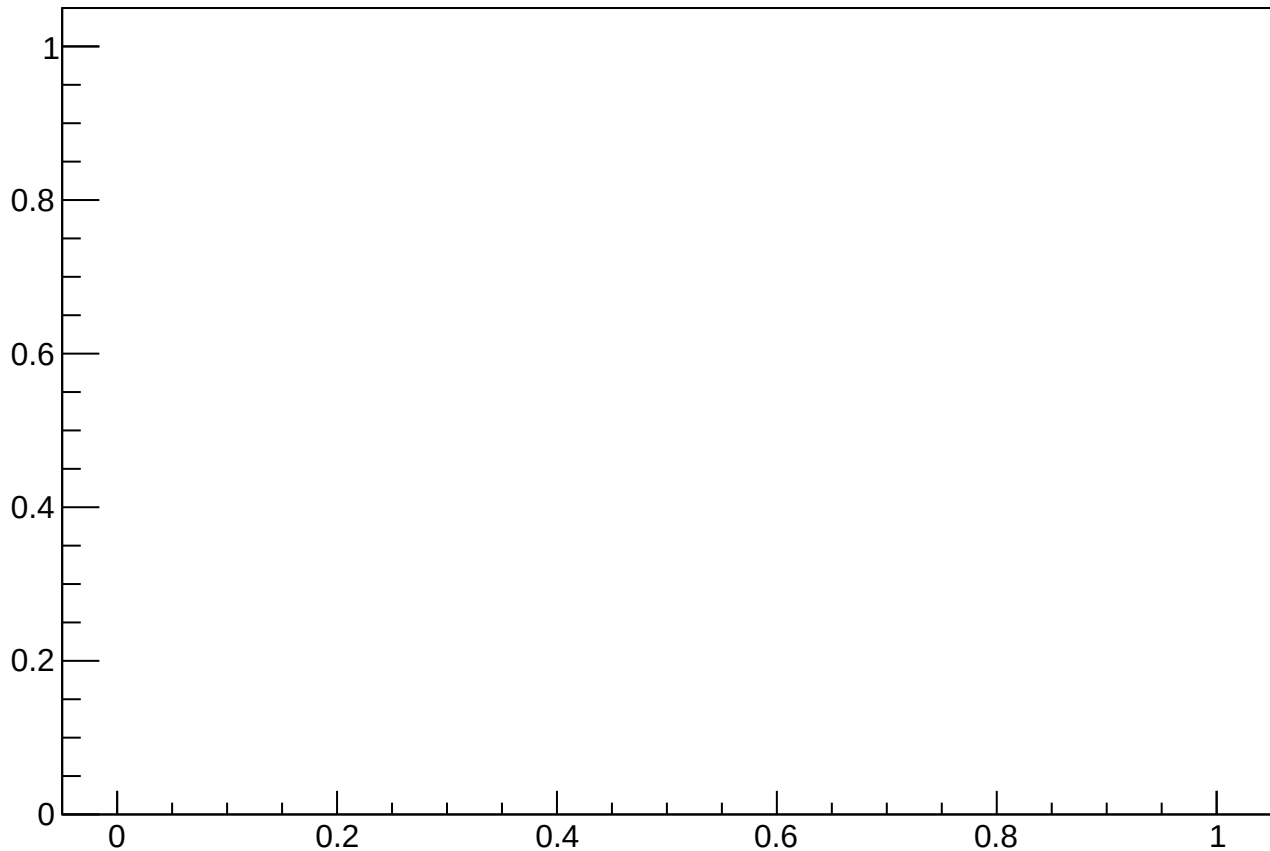
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

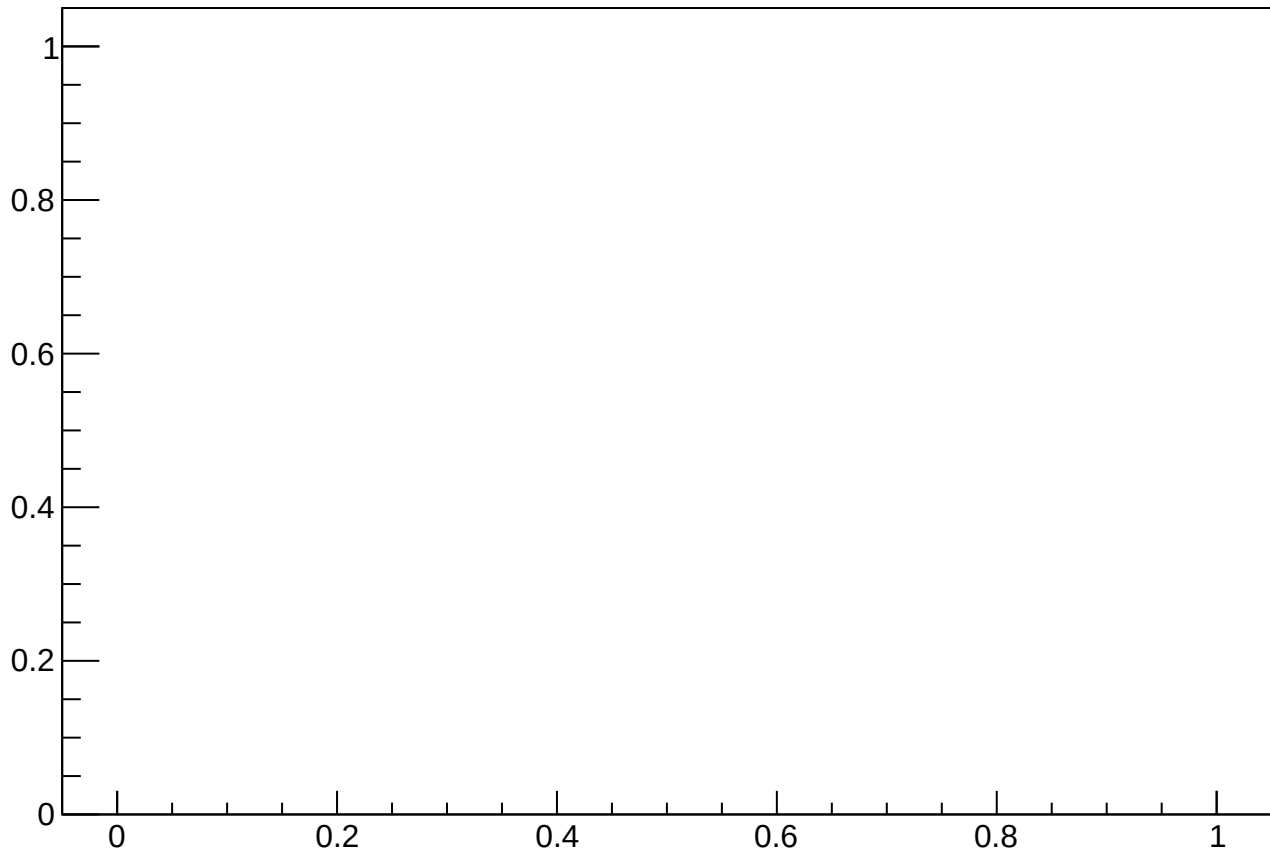
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

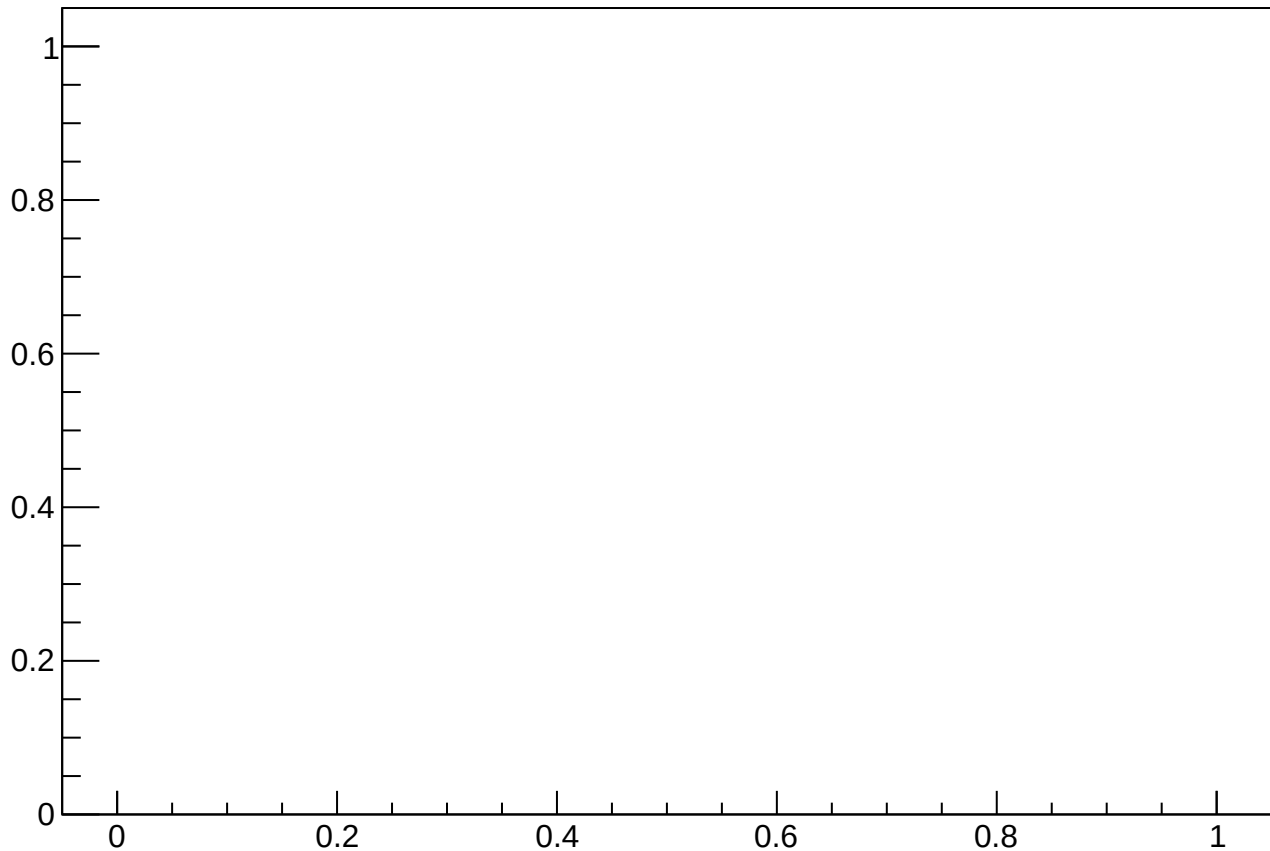
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

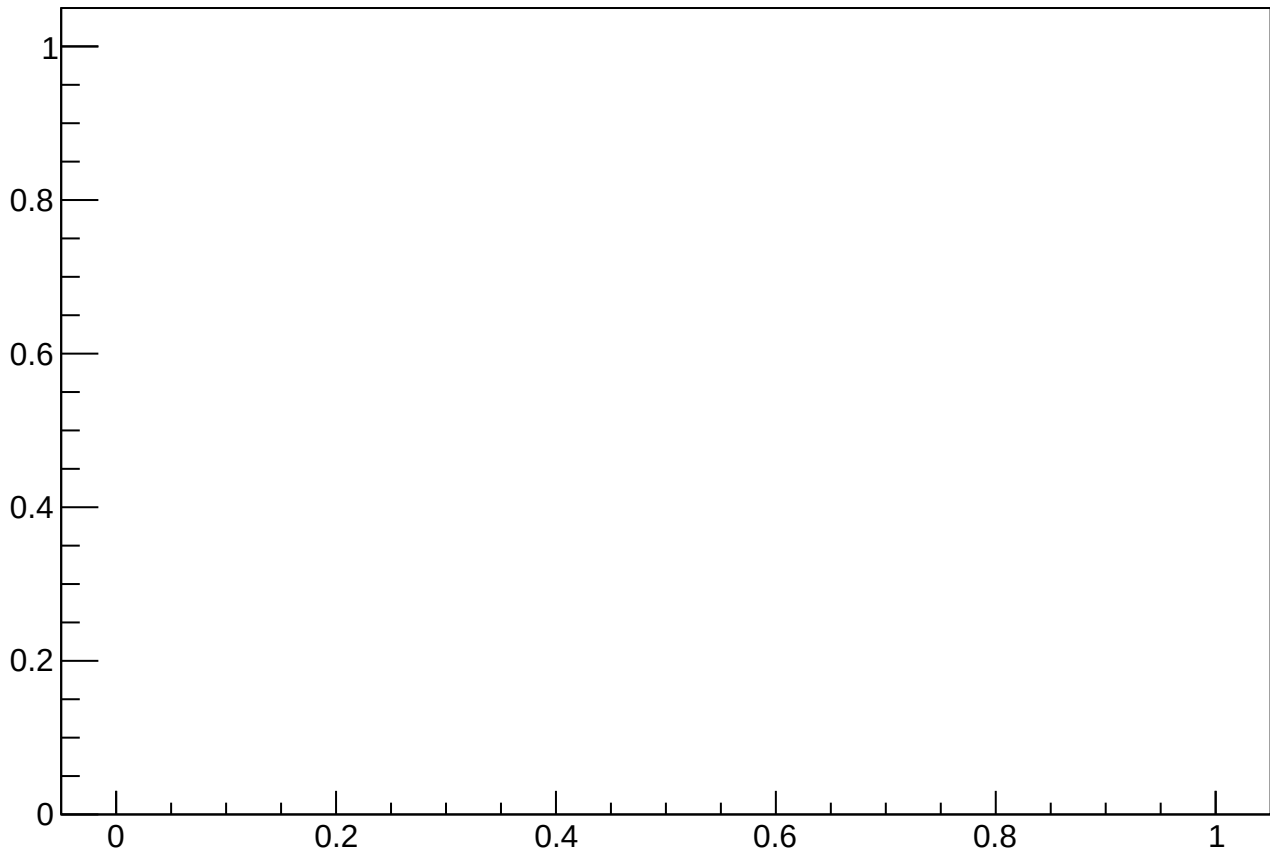
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

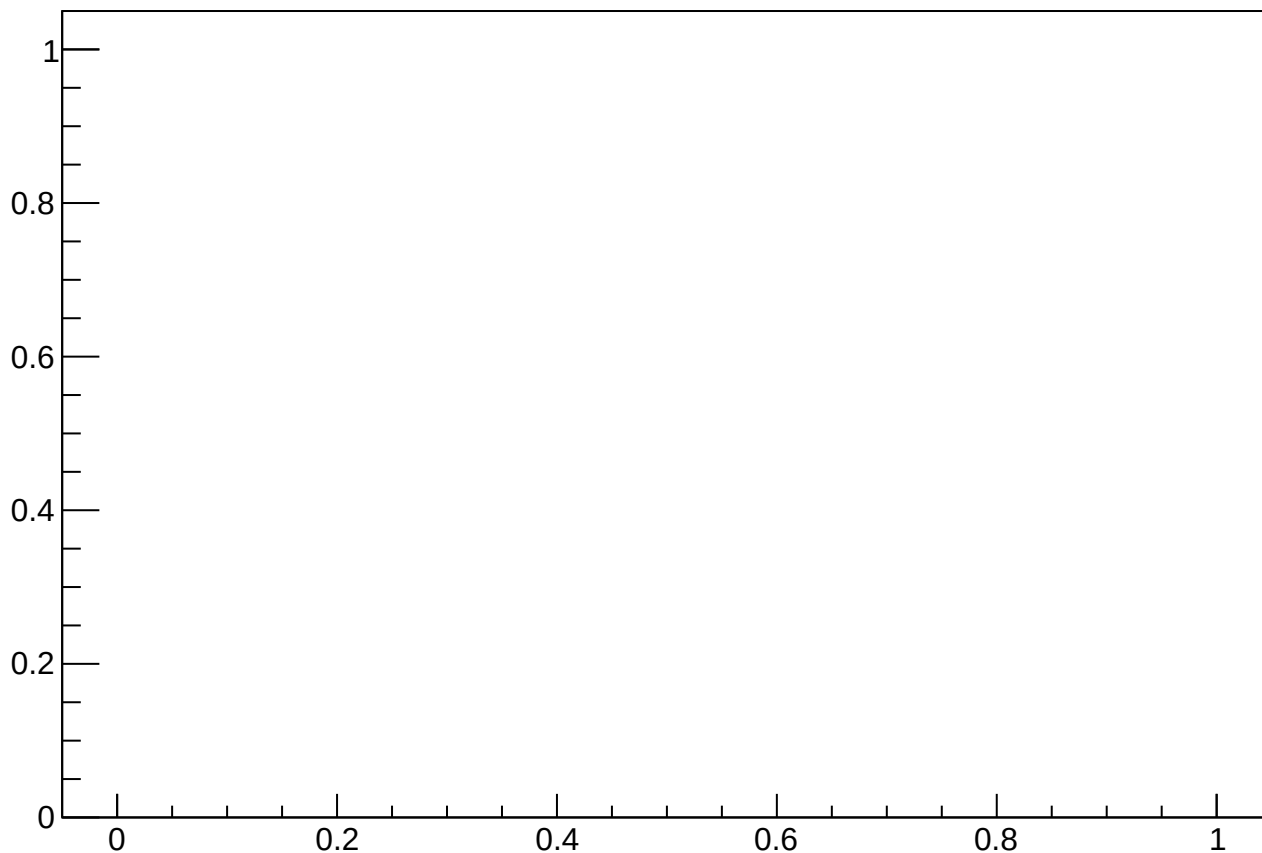
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

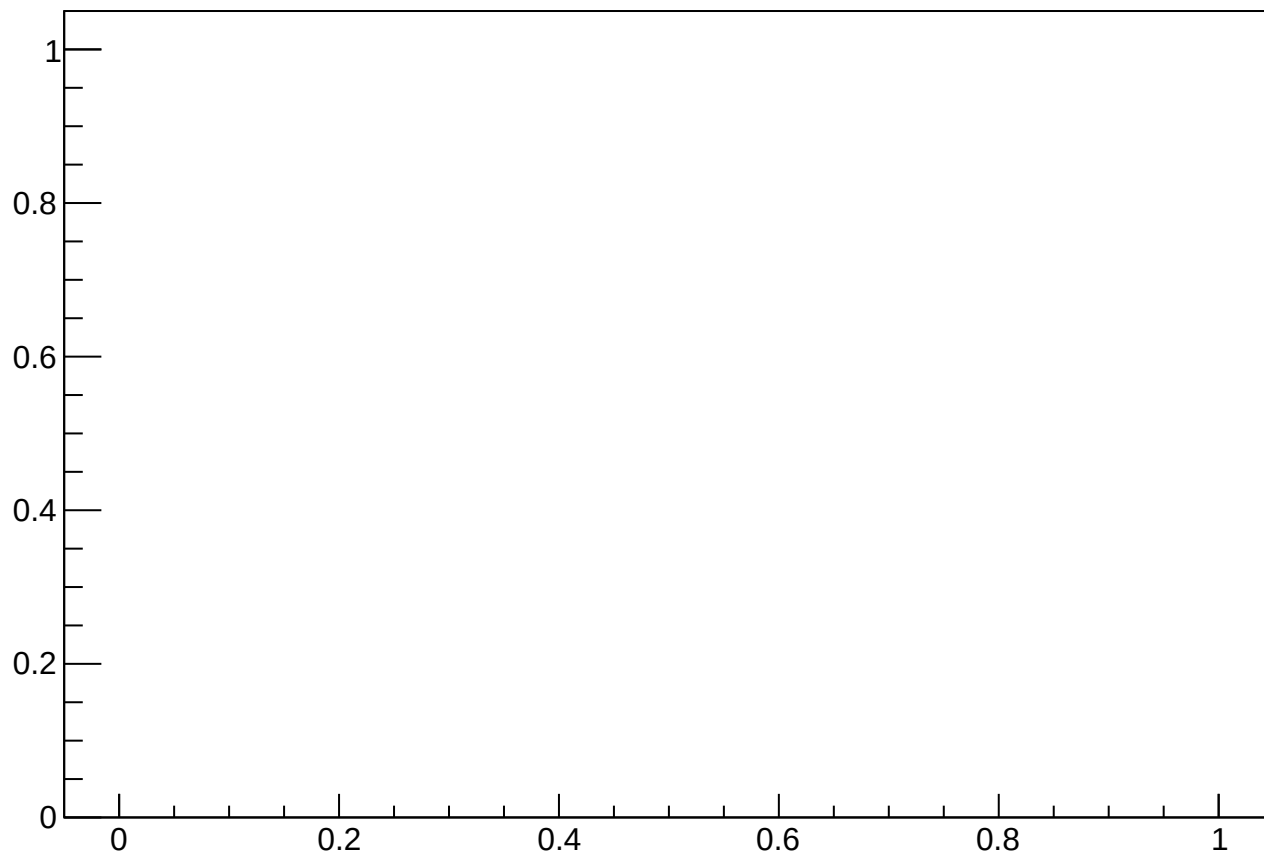
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

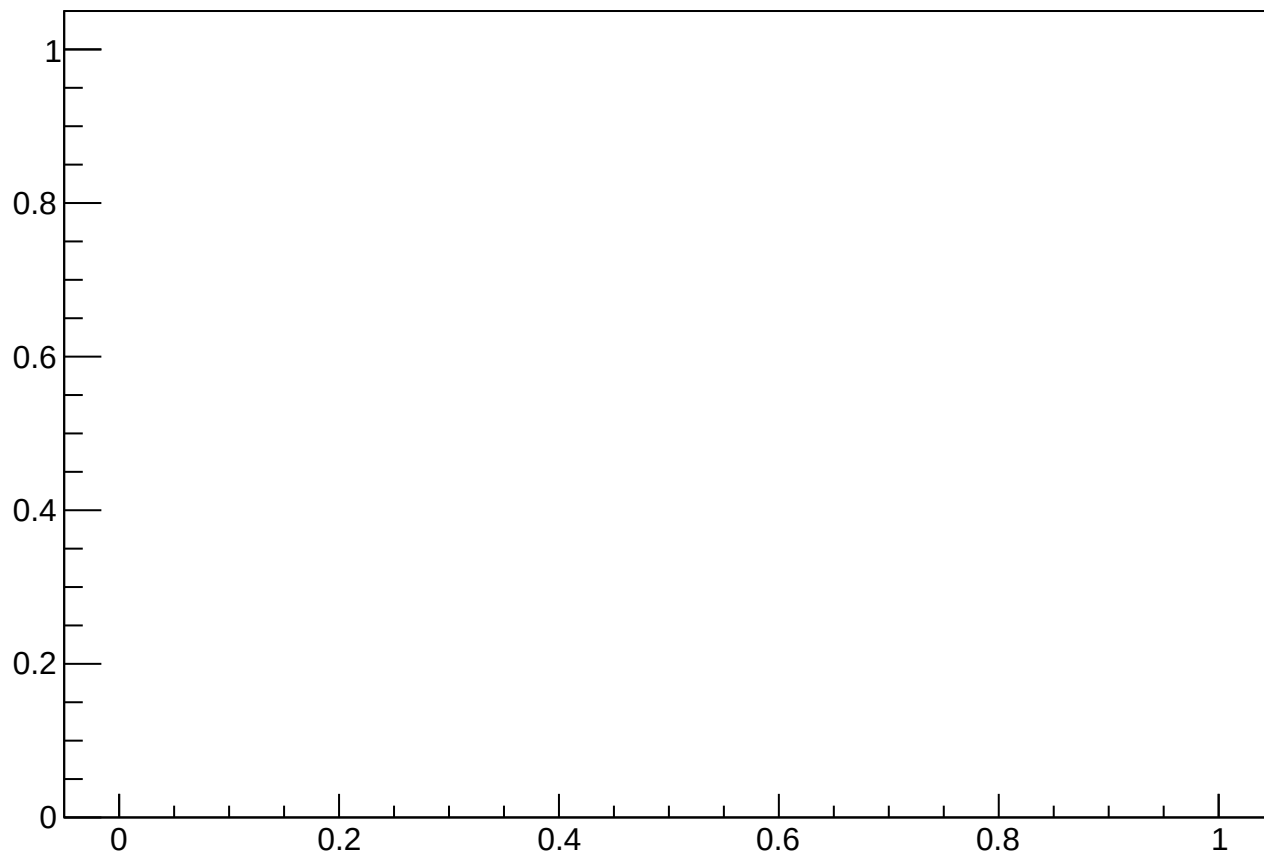
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

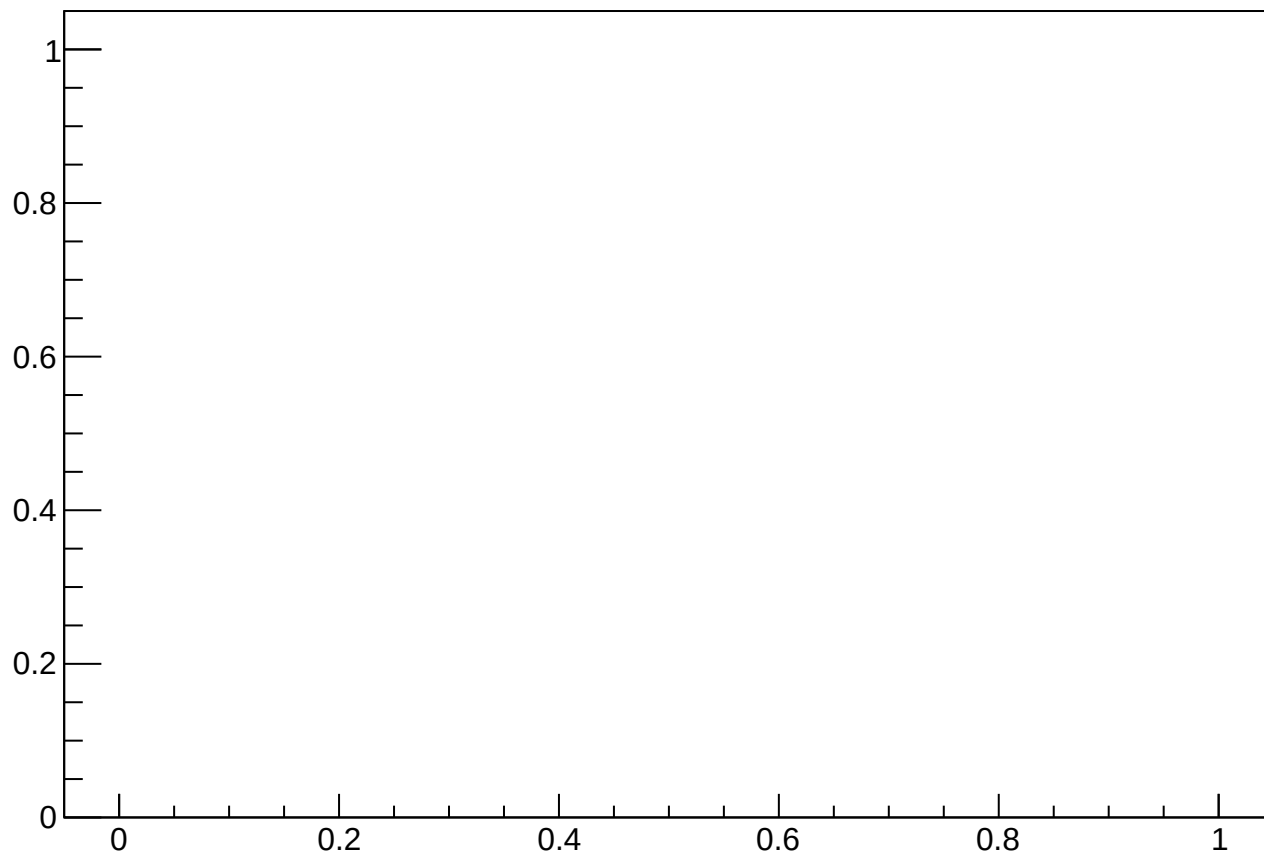
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

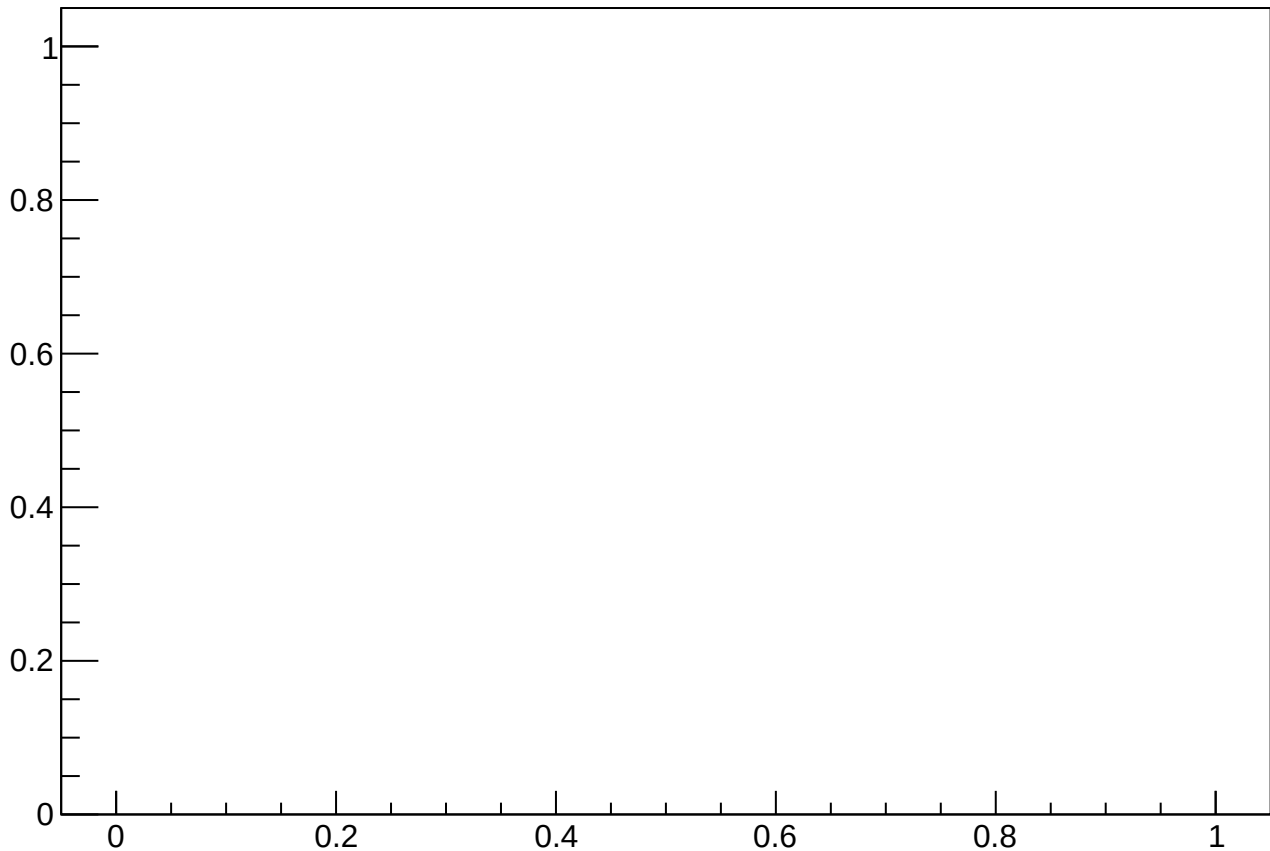
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

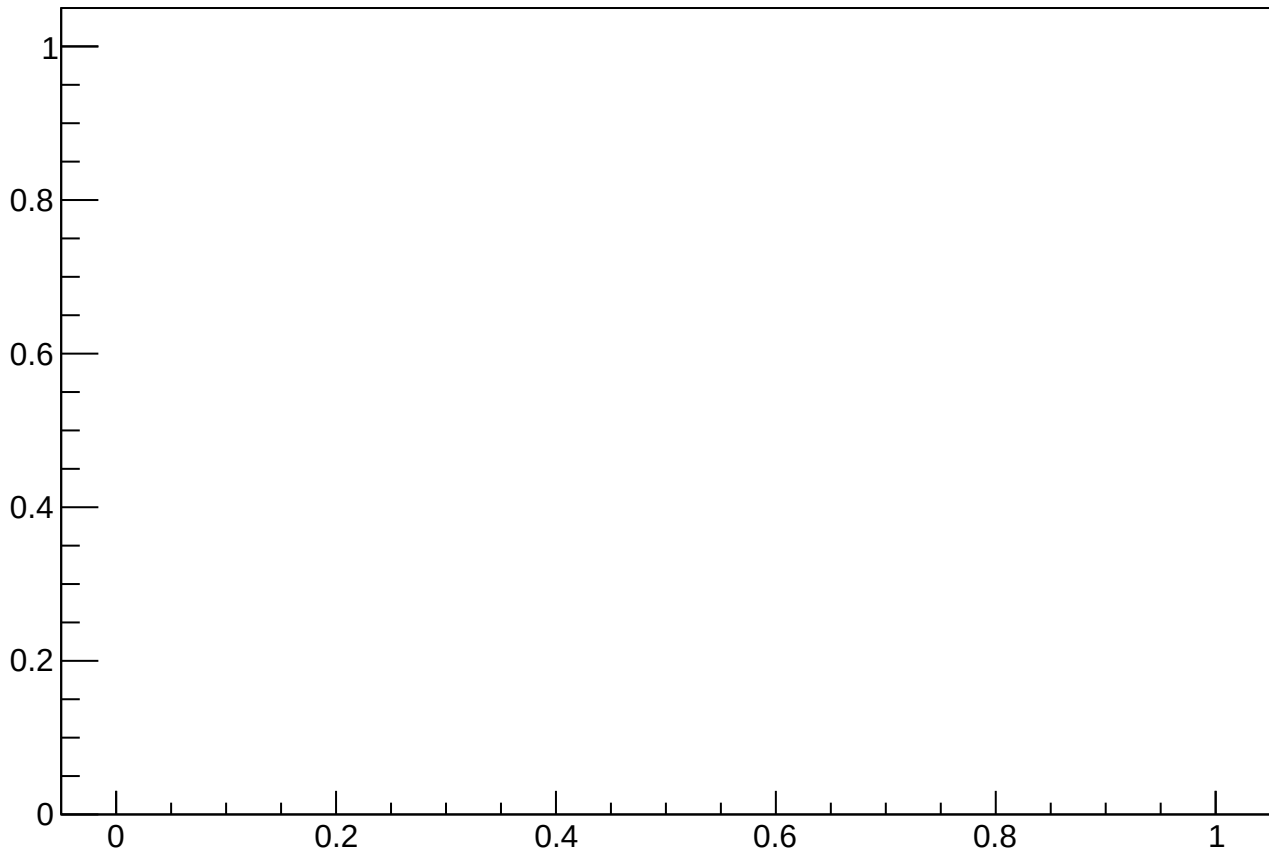
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

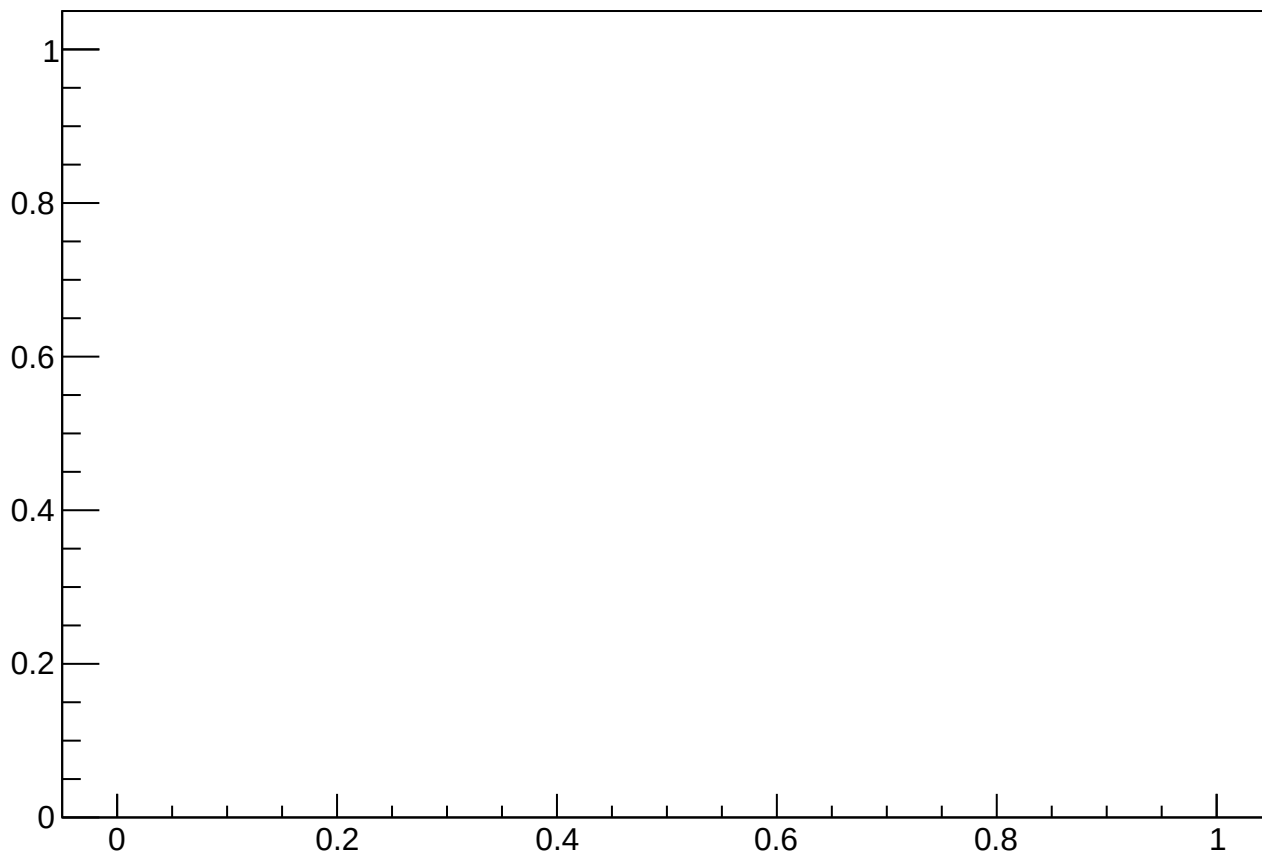
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

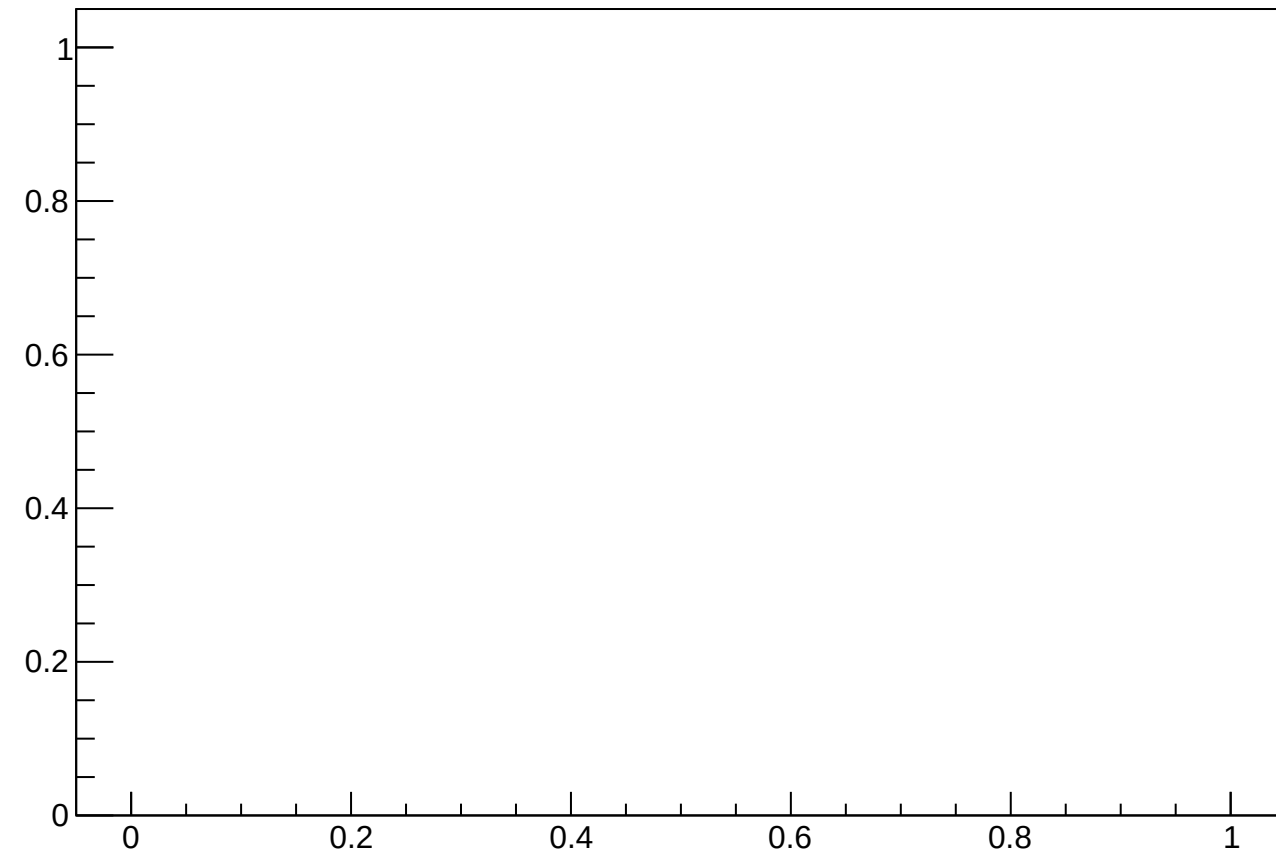
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

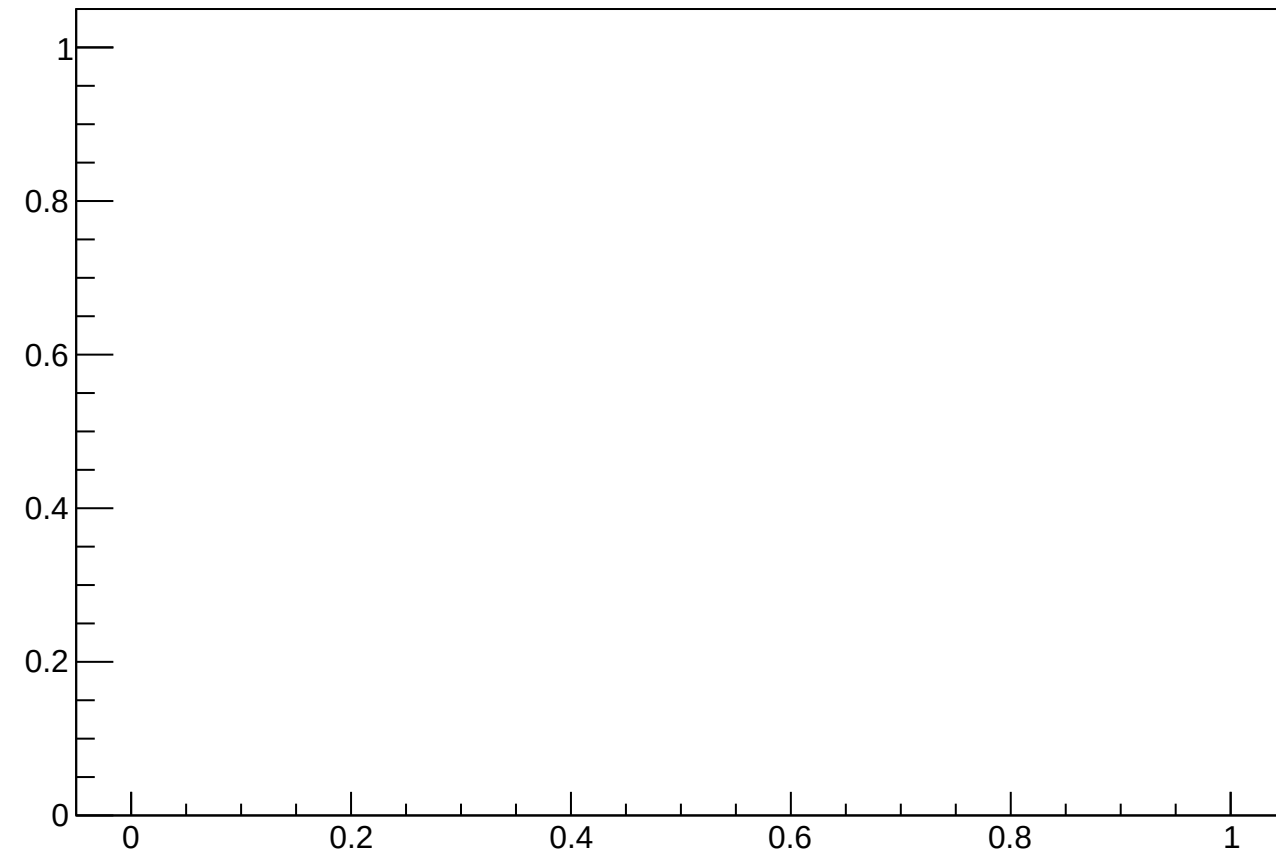
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

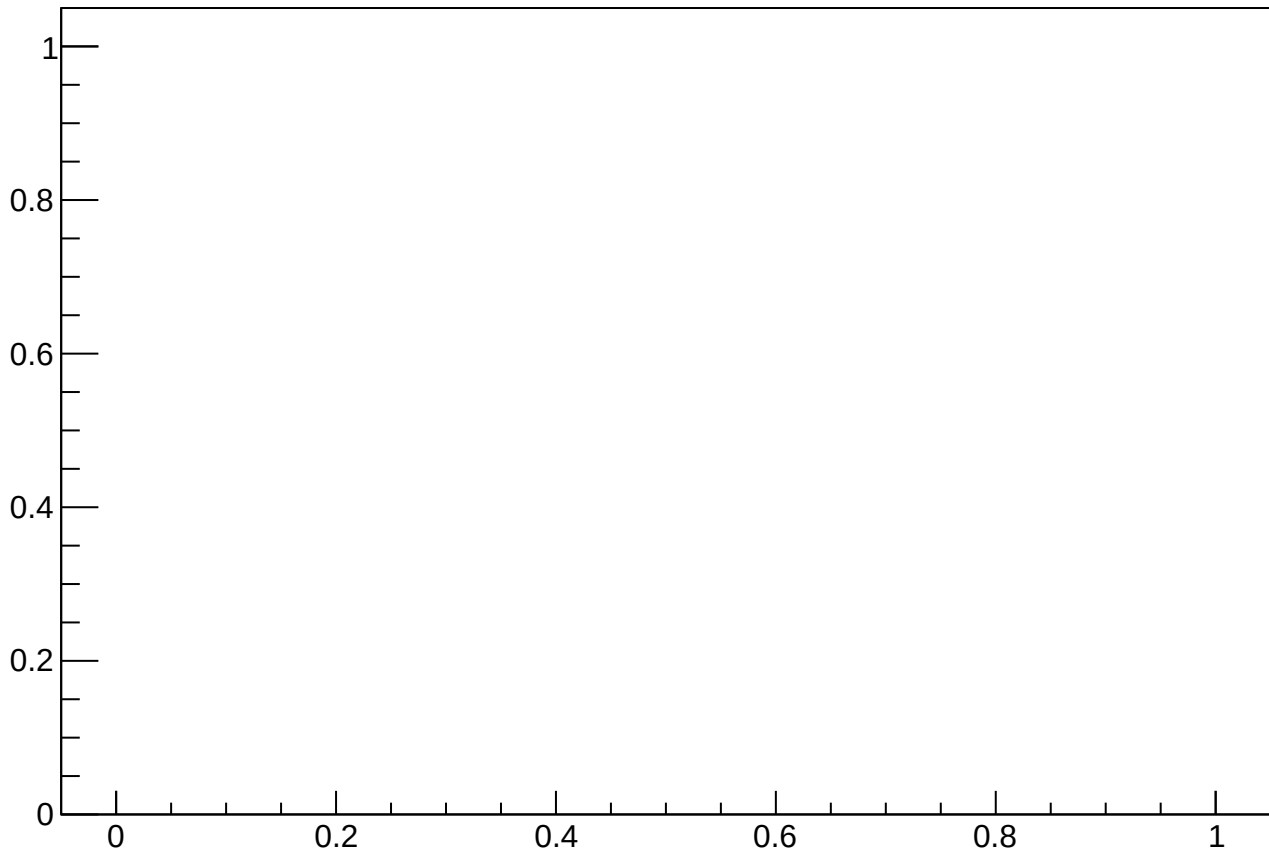
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

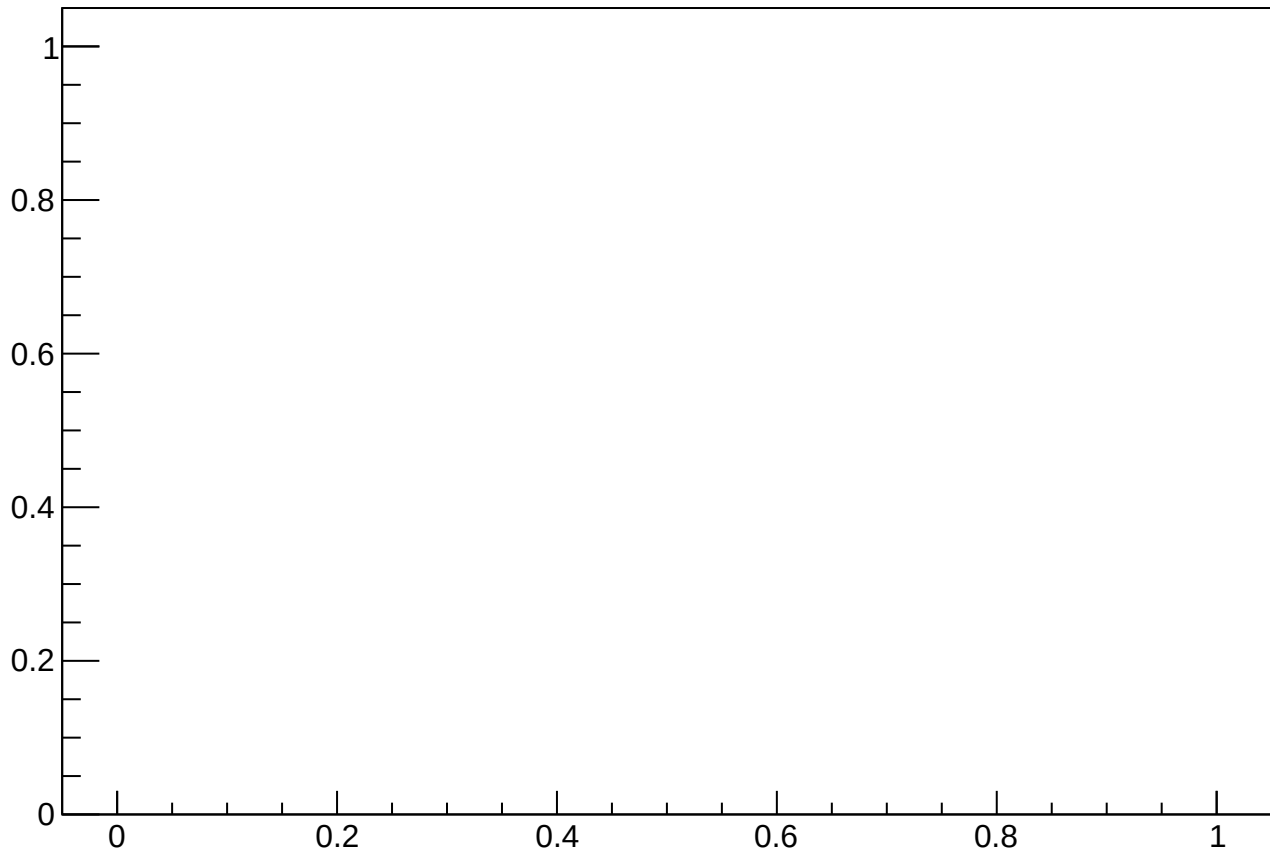
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

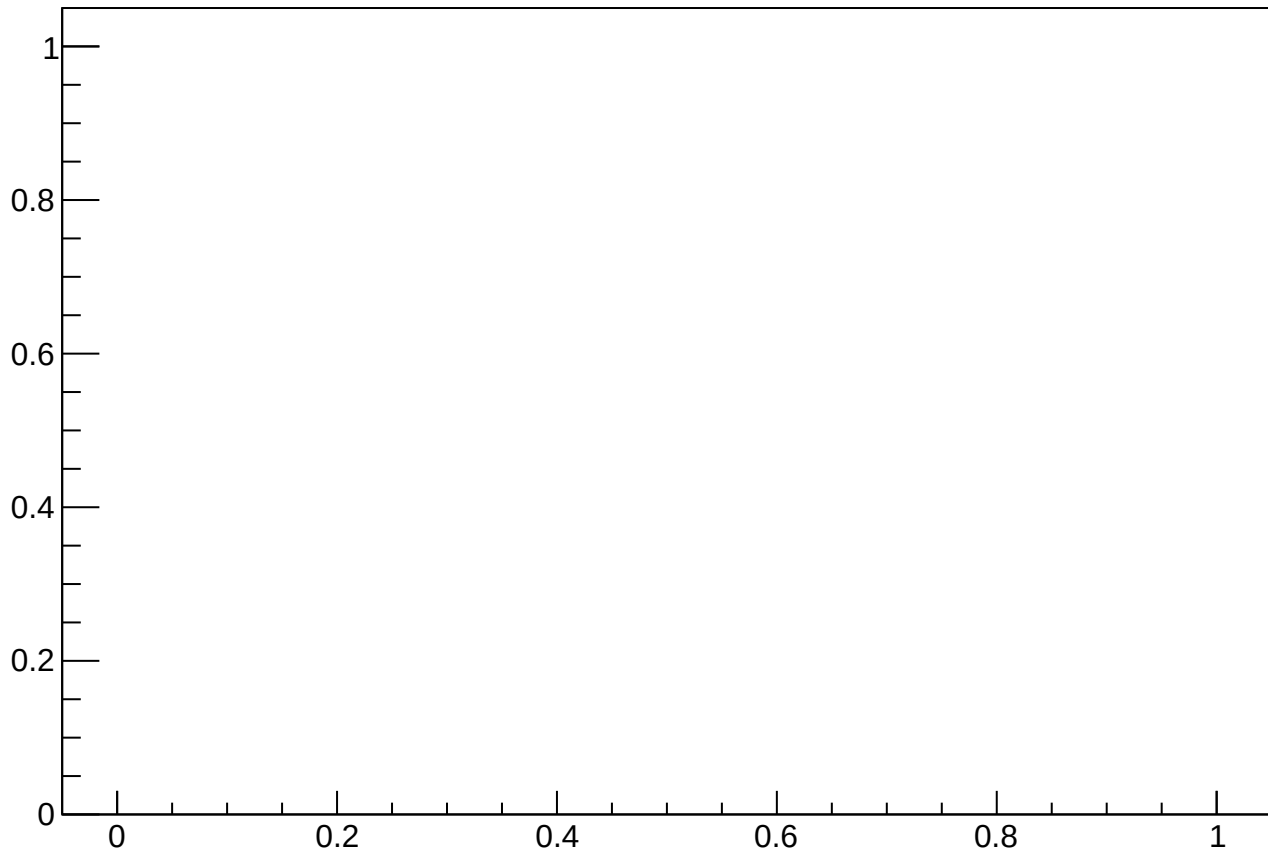
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

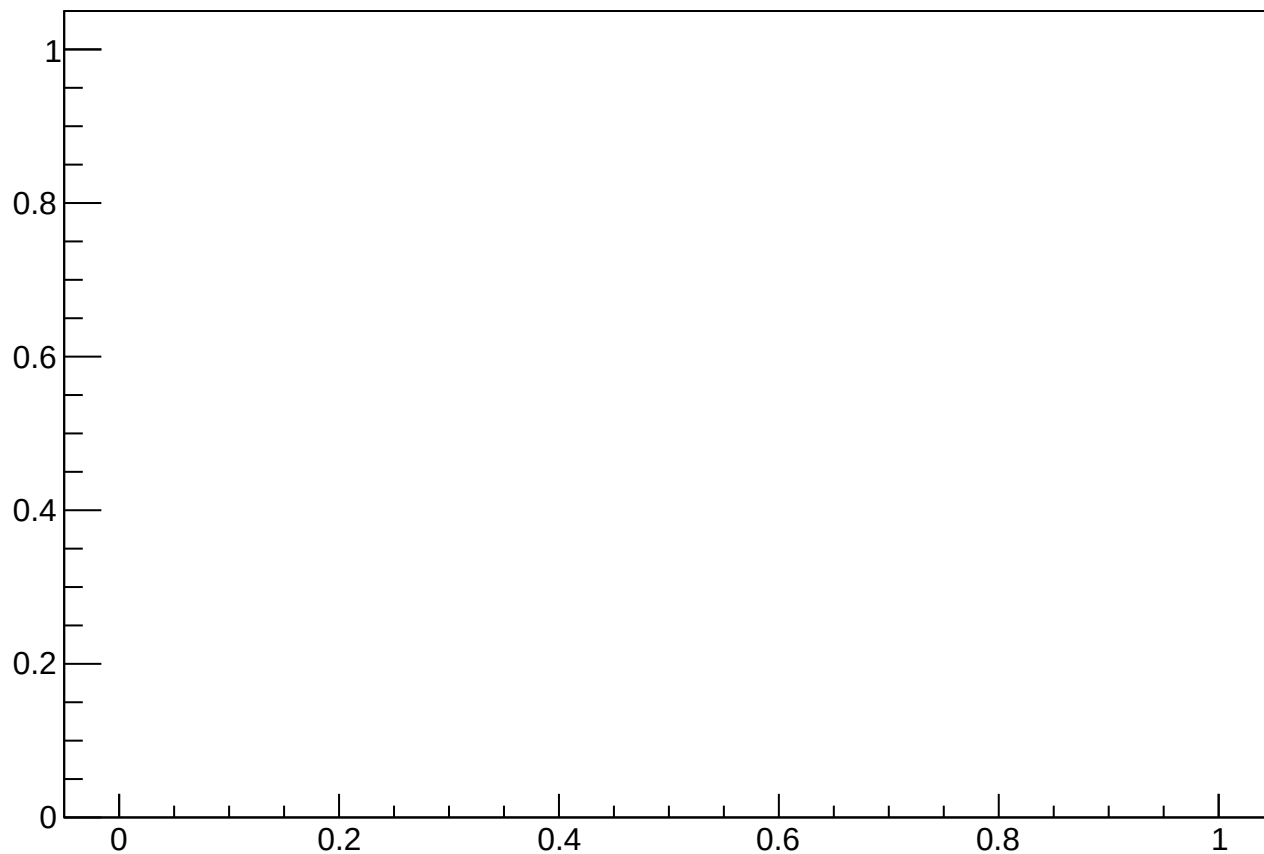
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

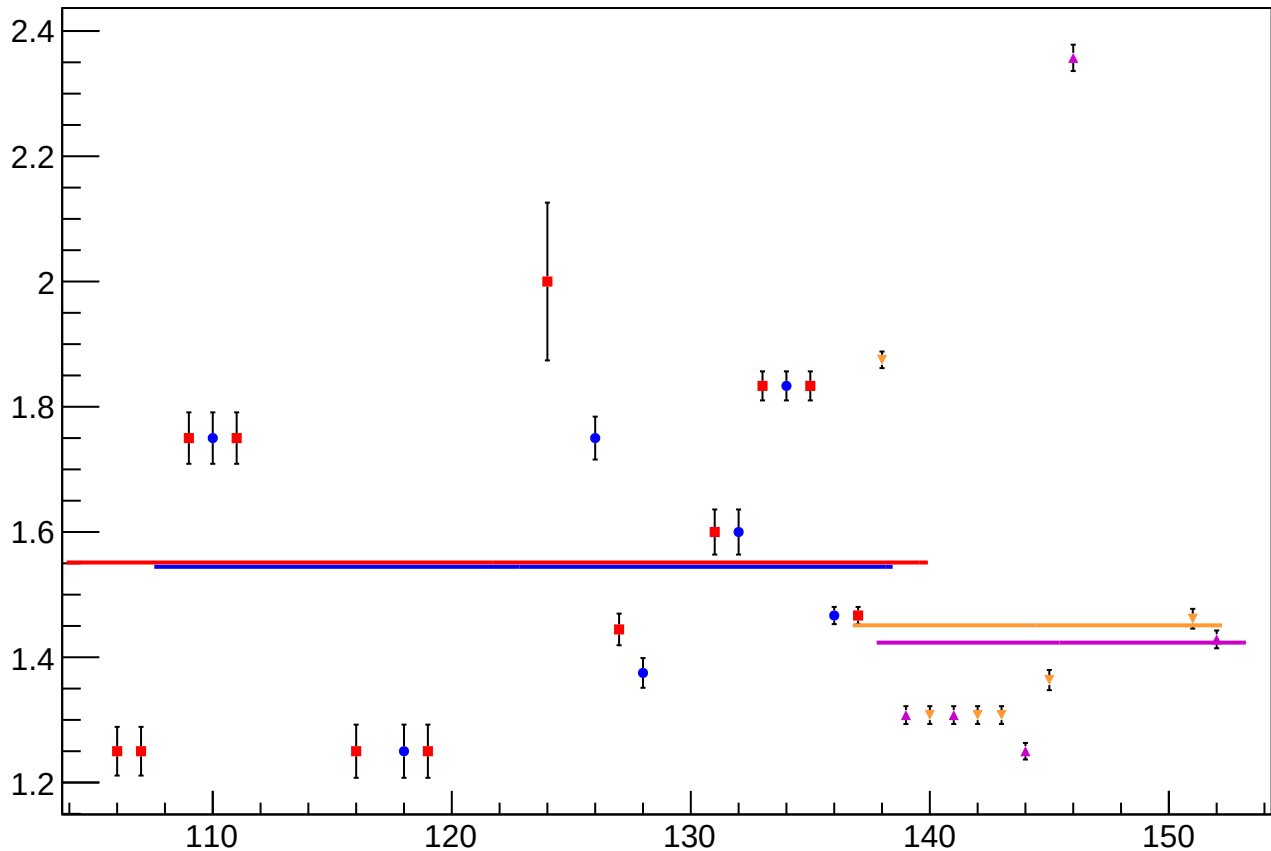
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

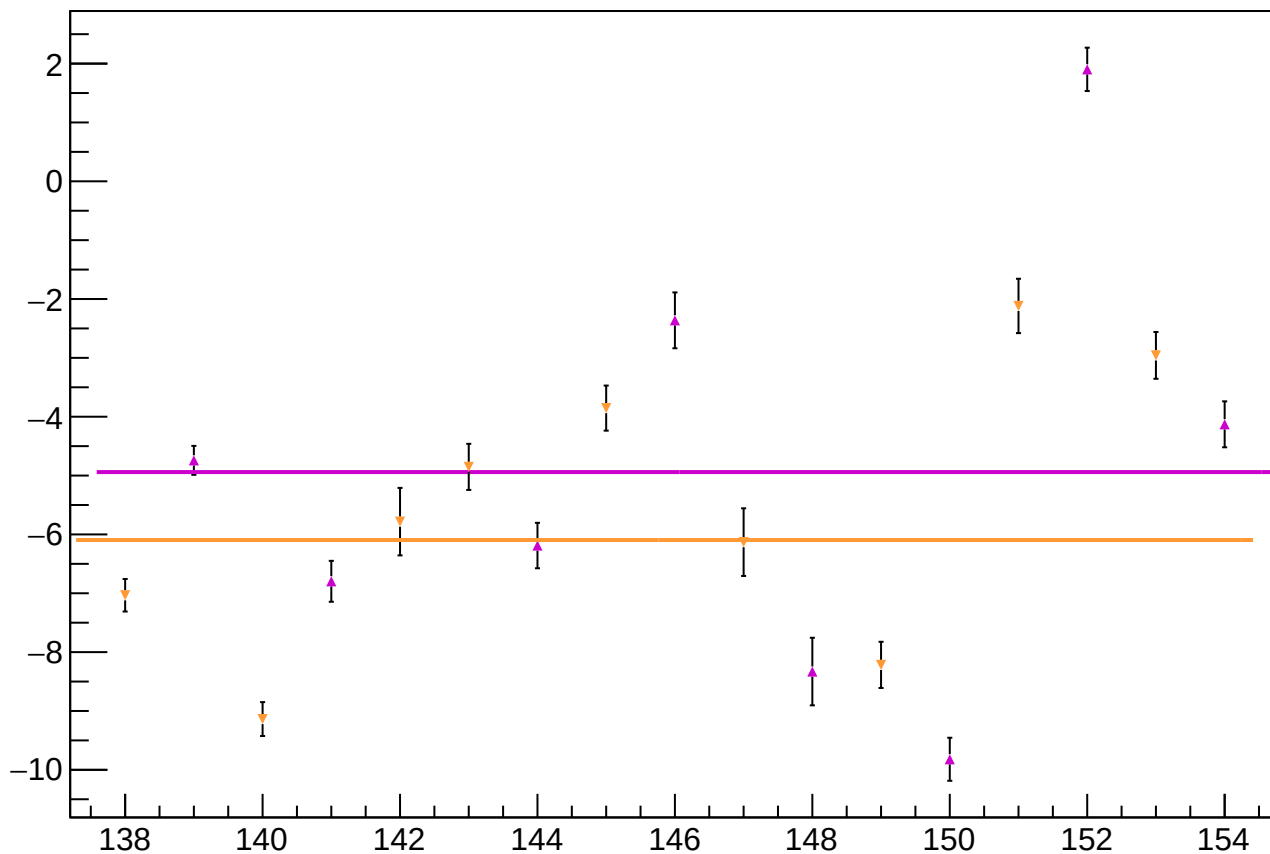
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.095+/-0.127 χ^2/NDF : 333.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.941+/-0.129 χ^2/NDF : 631.5/7

Left: -5.526+/-0.090 χ^2/NDF : 1005.6/16

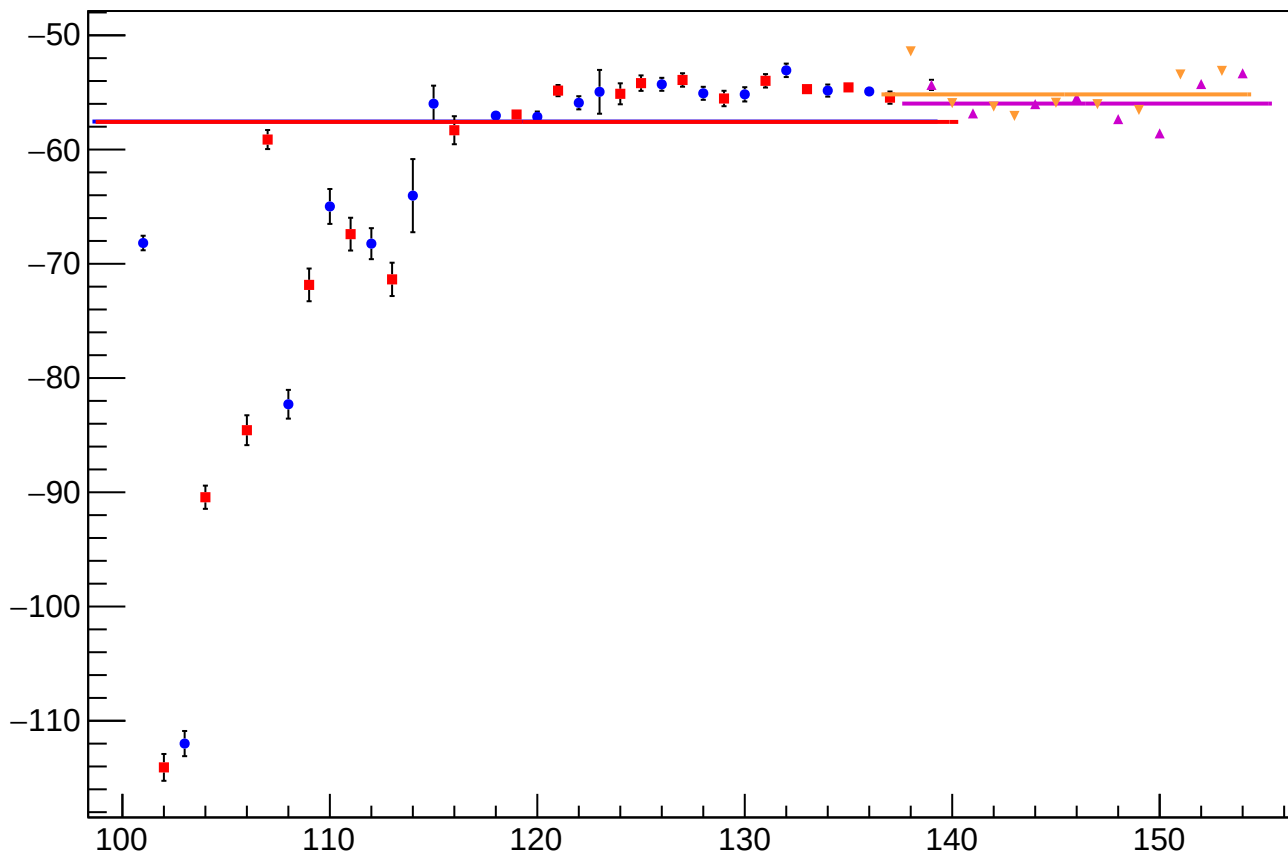
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.941+/-0.129 χ^2/NDF : 631.5/7

Out: -6.095+/-0.127 χ^2/NDF : 333.3/8

All: -5.526+/-0.090 χ^2/NDF : 1005.6/16

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.172 $\pm$ 0.094 χ^2 /NDF:341.2/8

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -55.976 $\pm$ 0.100 χ^2 /NDF:296.3/7

Left: -55.551 $\pm$ 0.069 χ^2 /NDF: 671.6/16

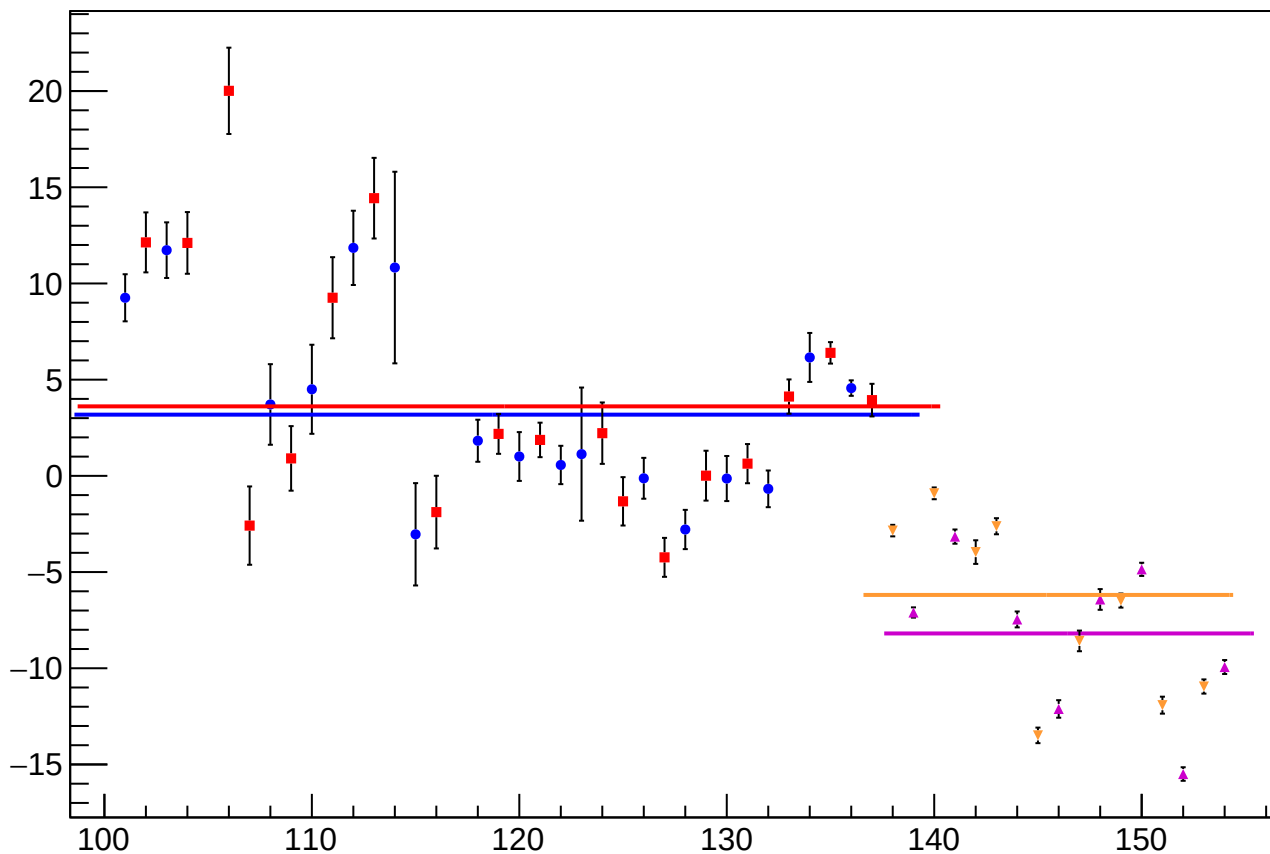
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.501 $\pm$ 0.082 χ^2 /NDF:3838.9/24

Out: -55.905 $\pm$ 0.079 χ^2 /NDF:4882.6/26

All: -56.192 $\pm$ 0.057 χ^2 /NDF: 8749.1/51

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -6.189 ± 0.130 $\chi^2/\text{NDF}: 1187.5/8$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.191 ± 0.129 $\chi^2/\text{NDF}: 838.2/7$

Left: -7.191 ± 0.092 $\chi^2/\text{NDF}: 2145.3/16$

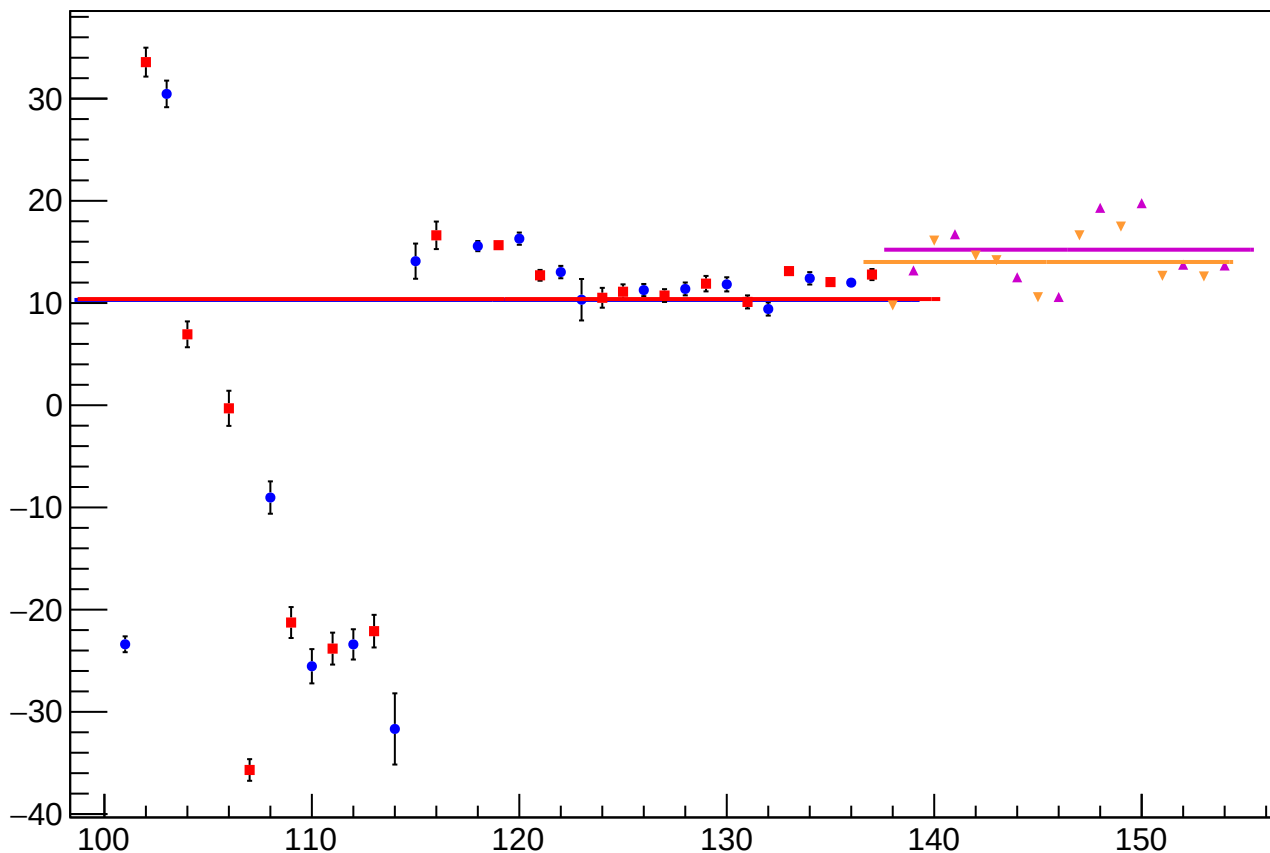
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -5.906 ± 0.116 $\chi^2/\text{NDF}: 2576.0/24$

Out: -4.331 ± 0.117 $\chi^2/\text{NDF}: 2561.7/26$

All: -5.125 ± 0.082 $\chi^2/\text{NDF}: 5229.6/51$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.016+/-0.113 χ^2/NDF : 499.1/8

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.218+/-0.119 χ^2/NDF : 666.8/7

Left: 14.590+/-0.082 χ^2/NDF : 1219.6/16

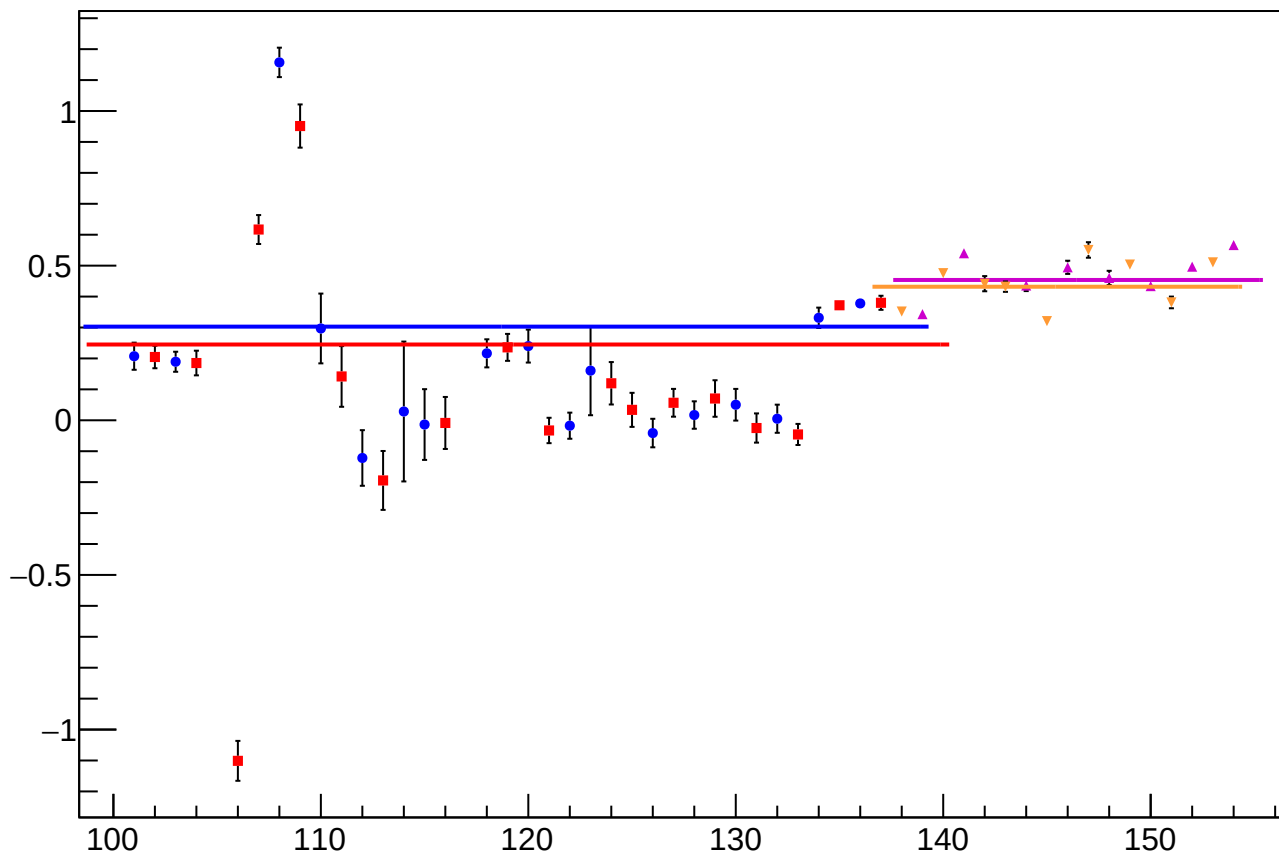
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 13.431+/-0.095 χ^2/NDF : 4990.9/24

Out: 12.804+/-0.092 χ^2/NDF : 4628.3/26

All: 13.110+/-0.066 χ^2/NDF : 9641.7/51

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:194.4/8

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.454 $\pm$ 0.005 χ^2 /NDF:266.6/7

Left: 0.443 $\pm$ 0.004 χ^2 /NDF: 470.0/16

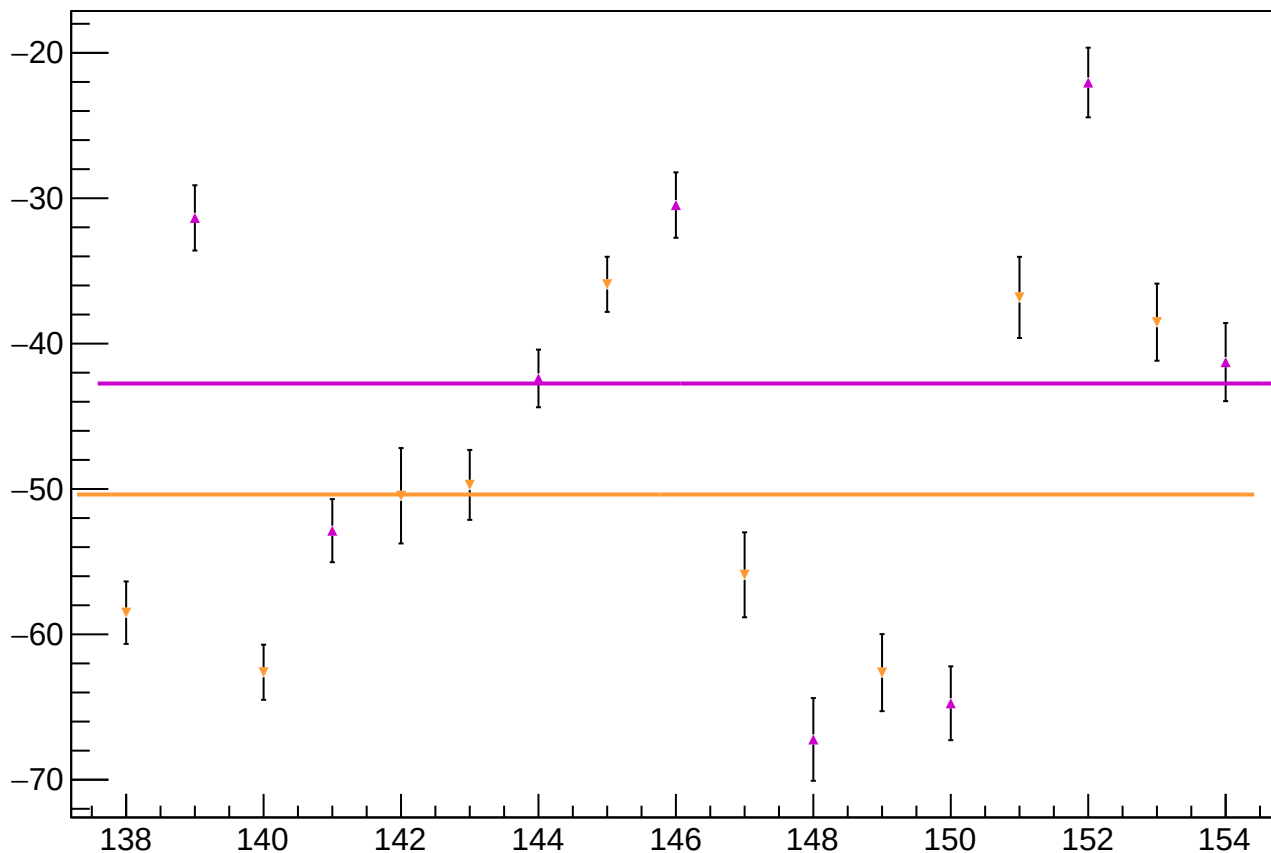
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.412 $\pm$ 0.004 χ^2 /NDF:1159.0/24

Out: 0.381 $\pm$ 0.004 χ^2 /NDF:1498.1/26

All: 0.397 $\pm$ 0.003 χ^2 /NDF: 2682.9/51

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.381+/-0.798 χ^2/NDF :182.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.744+/-0.829 χ^2/NDF :301.3/7

Left: -46.709+/-0.575 χ^2/NDF : 527.9/16

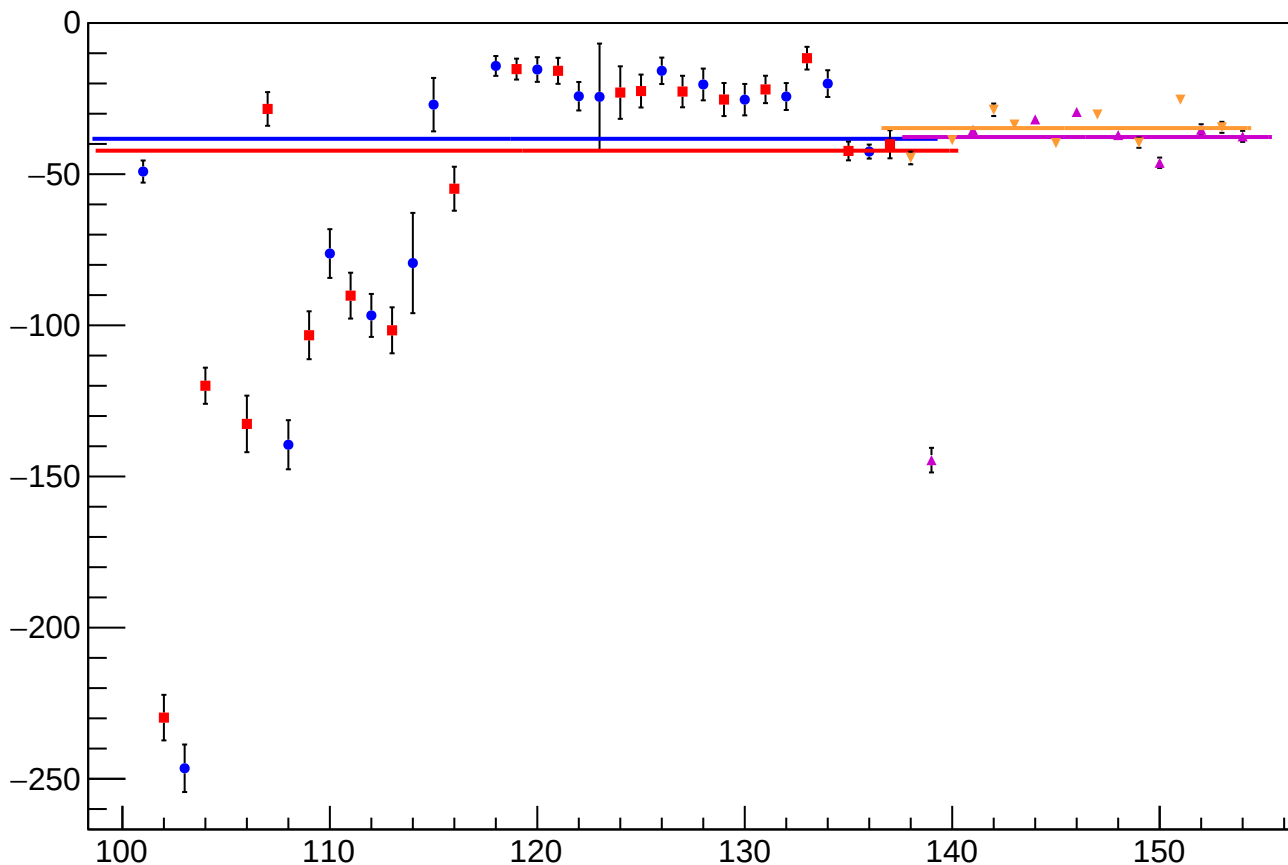
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.744+/-0.829 χ^2/NDF :301.3/7

Out: -50.381+/-0.798 χ^2/NDF :182.7/8

All: -46.709+/-0.575 χ^2/NDF : 527.9/16

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -34.751 ± 0.558 $\chi^2/\text{NDF}: 99.5/8$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -37.715 ± 0.581 $\chi^2/\text{NDF}: 771.0/7$

Left: -36.175 ± 0.402 $\chi^2/\text{NDF}: 884.0/16$

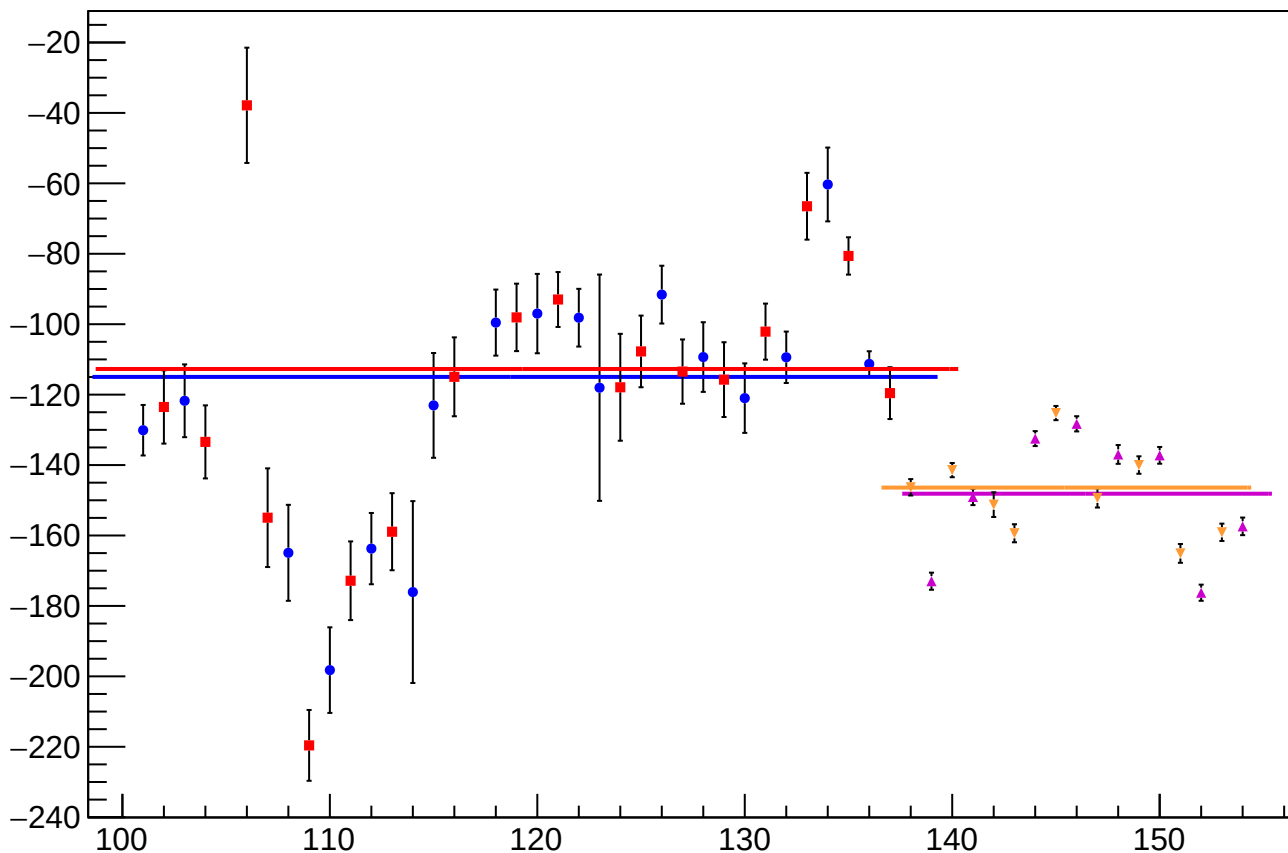
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -37.837 ± 0.517 $\chi^2/\text{NDF}: 1903.9/24$

Out: -36.065 ± 0.507 $\chi^2/\text{NDF}: 1409.1/26$

All: -36.933 ± 0.362 $\chi^2/\text{NDF}: 3319.0/51$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -146.396 ± 0.814 $\chi^2/\text{NDF}: 226.9/8$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -148.134 ± 0.827 $\chi^2/\text{NDF}: 446.3/7$

Left: -147.251 ± 0.580 $\chi^2/\text{NDF}: 675.5/16$

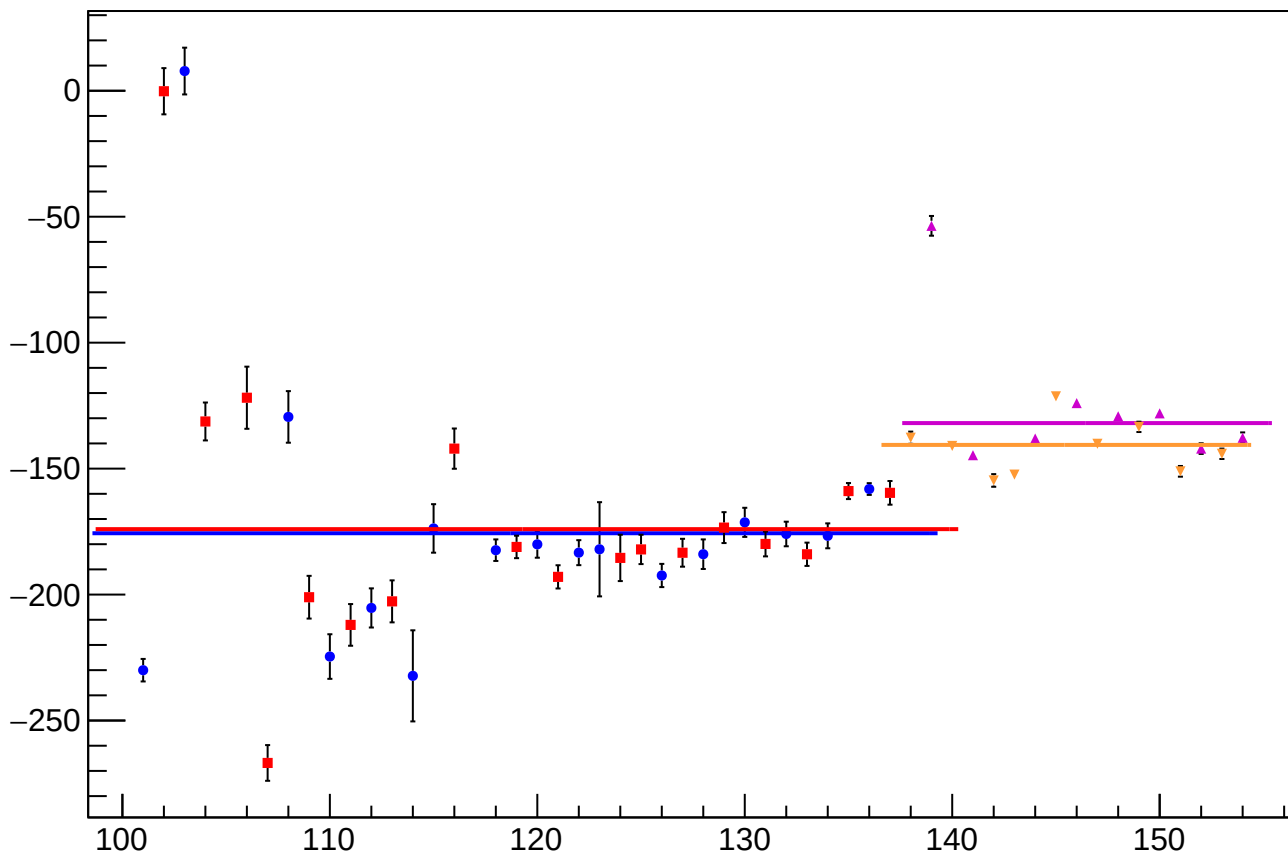
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -143.585 ± 0.768 $\chi^2/\text{NDF}: 808.3/24$

Out: -142.377 ± 0.763 $\chi^2/\text{NDF}: 698.5/26$

All: -142.977 ± 0.542 $\chi^2/\text{NDF}: 1508.0/51$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.588 ± 0.681 χ^2/NDF : 227.4/8

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -131.922 ± 0.707 χ^2/NDF : 515.7/7

Left: -136.417 ± 0.490 χ^2/NDF : 821.1/16

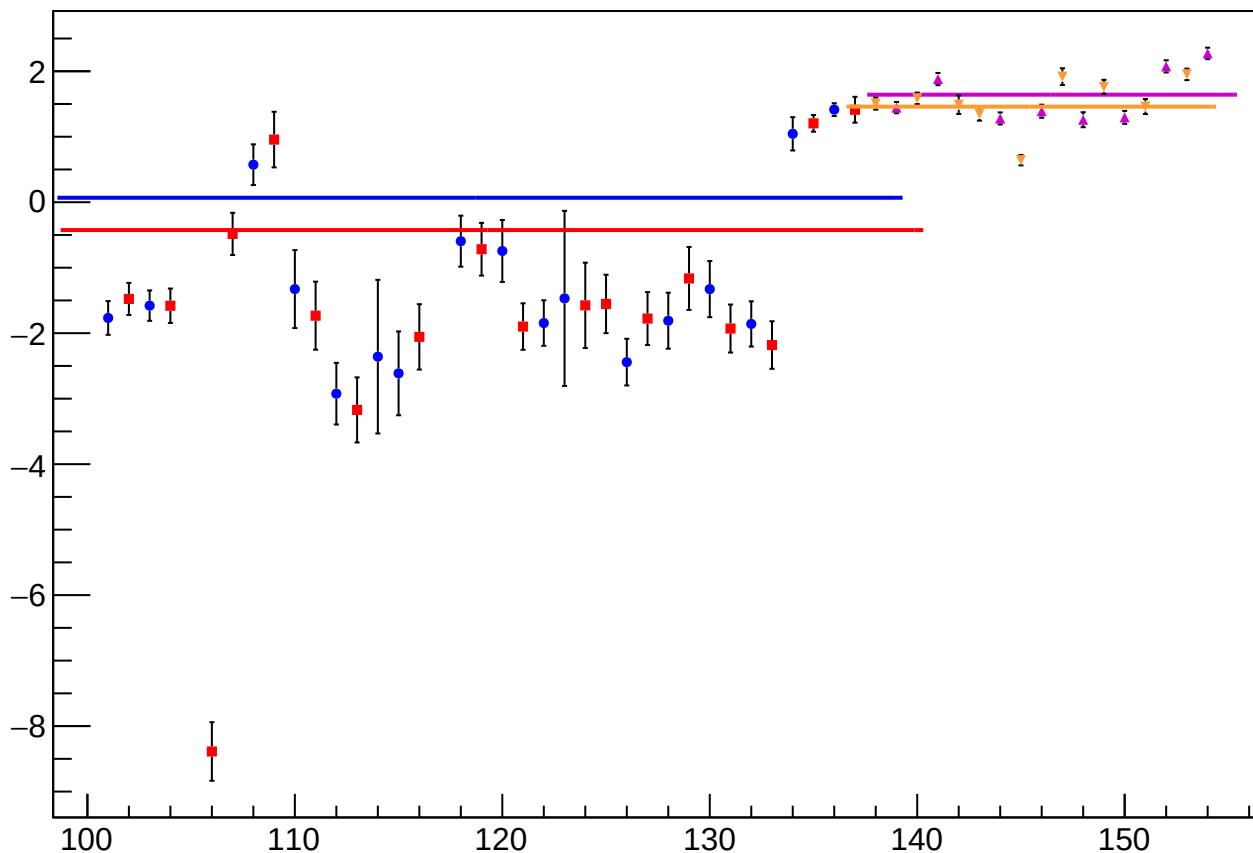
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -142.274 ± 0.617 χ^2/NDF : 2114.0/24

Out: -147.326 ± 0.608 χ^2/NDF : 1417.0/26

All: -144.838 ± 0.433 χ^2/NDF : 3565.0/51

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.459 ± 0.033 χ^2/NDF : 162.3/8

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.642 ± 0.034 χ^2/NDF : 130.1/7

Left: 1.550 ± 0.024 χ^2/NDF : 307.4/16

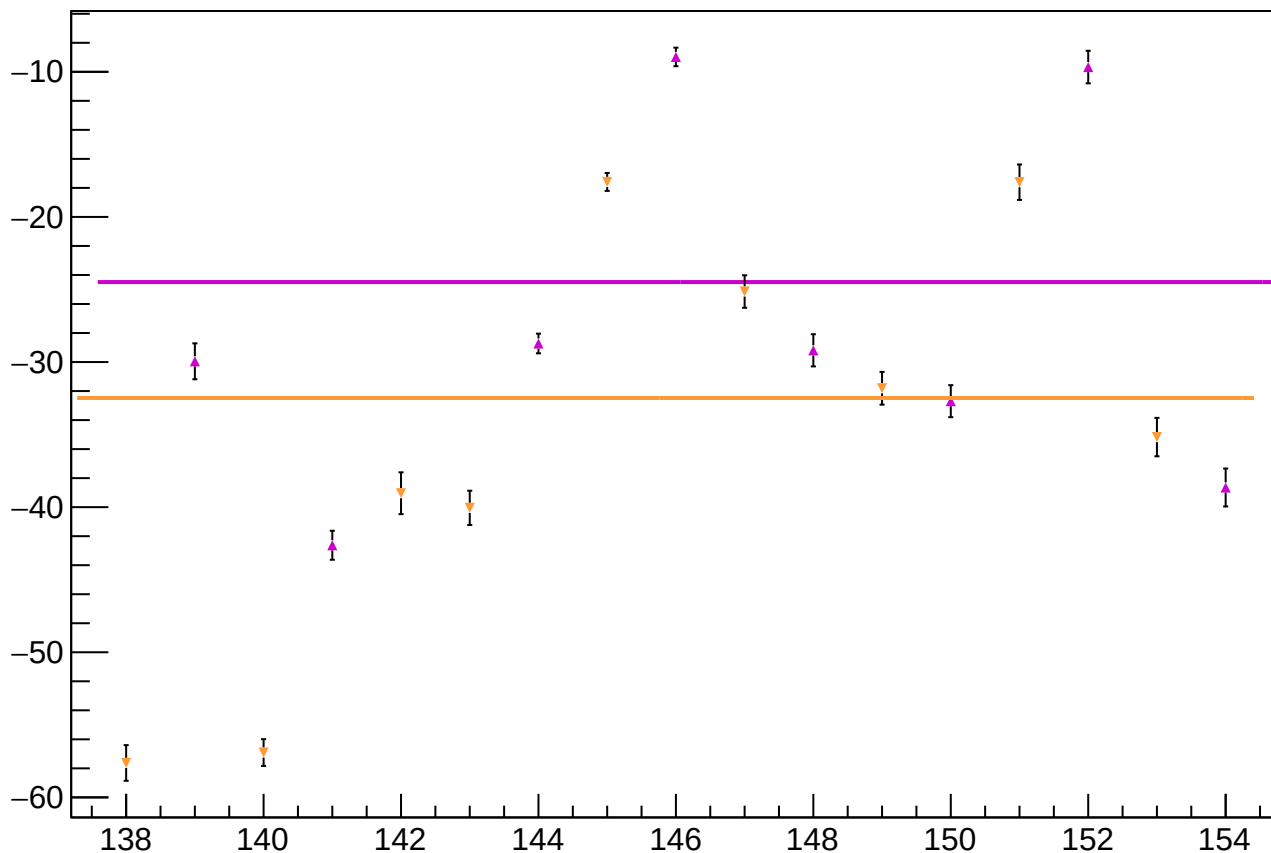
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.327 ± 0.030 χ^2/NDF : 1097.3/24

Out: 1.122 ± 0.030 χ^2/NDF : 1479.6/26

All: 1.225 ± 0.021 χ^2/NDF : 2600.2/51

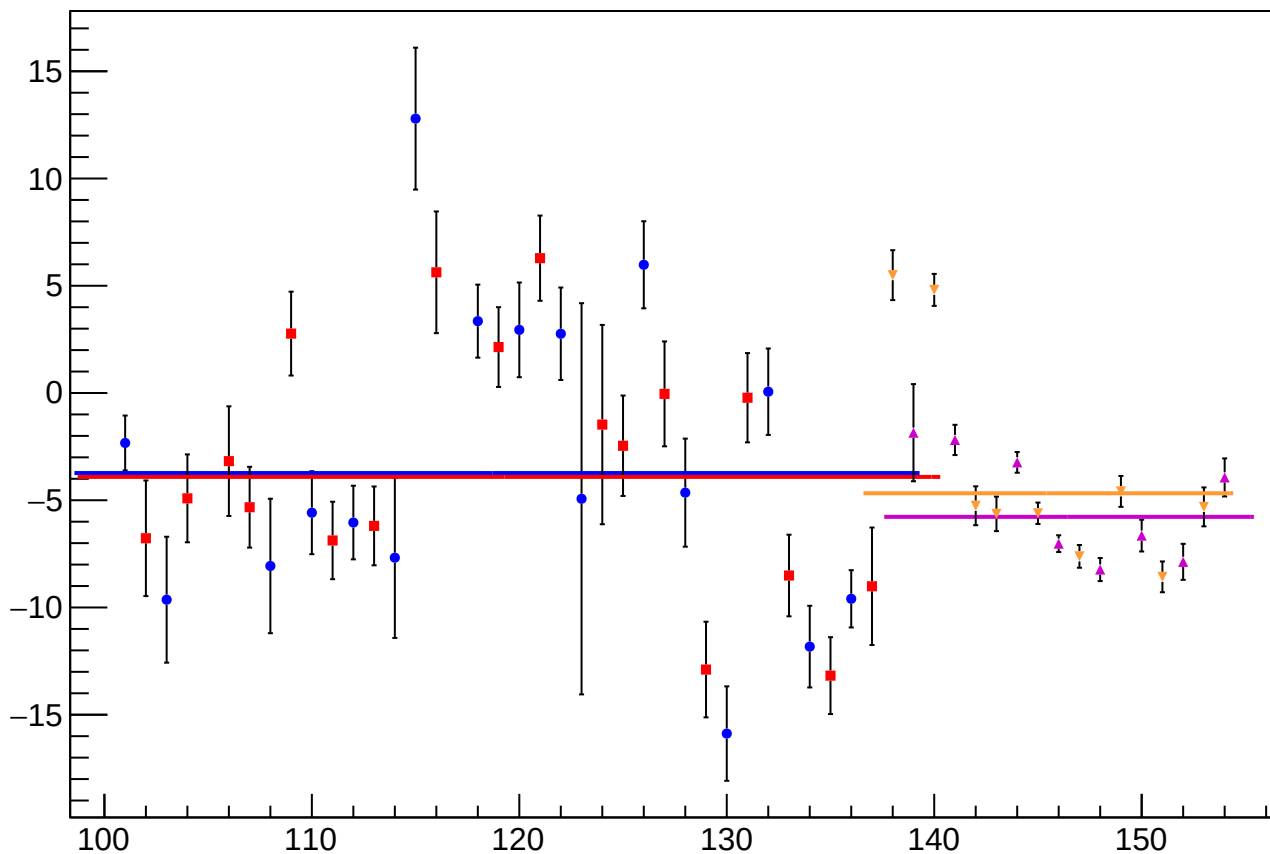
reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.480+/-0.343 χ^2/NDF :1959.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.488+/-0.328 χ^2/NDF :1344.3/7

Left: -28.300+/-0.237 χ^2/NDF : 3587.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.488+/-0.328 χ^2/NDF :1344.3/7
 Out: -32.480+/-0.343 χ^2/NDF :1959.4/8
 All: -28.300+/-0.237 χ^2/NDF : 3587.1/16

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.674 ± 0.236 χ^2/NDF : 304.3/8

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -5.775 ± 0.218 χ^2/NDF : 99.5/7

Left: -5.268 ± 0.160 χ^2/NDF : 415.5/16

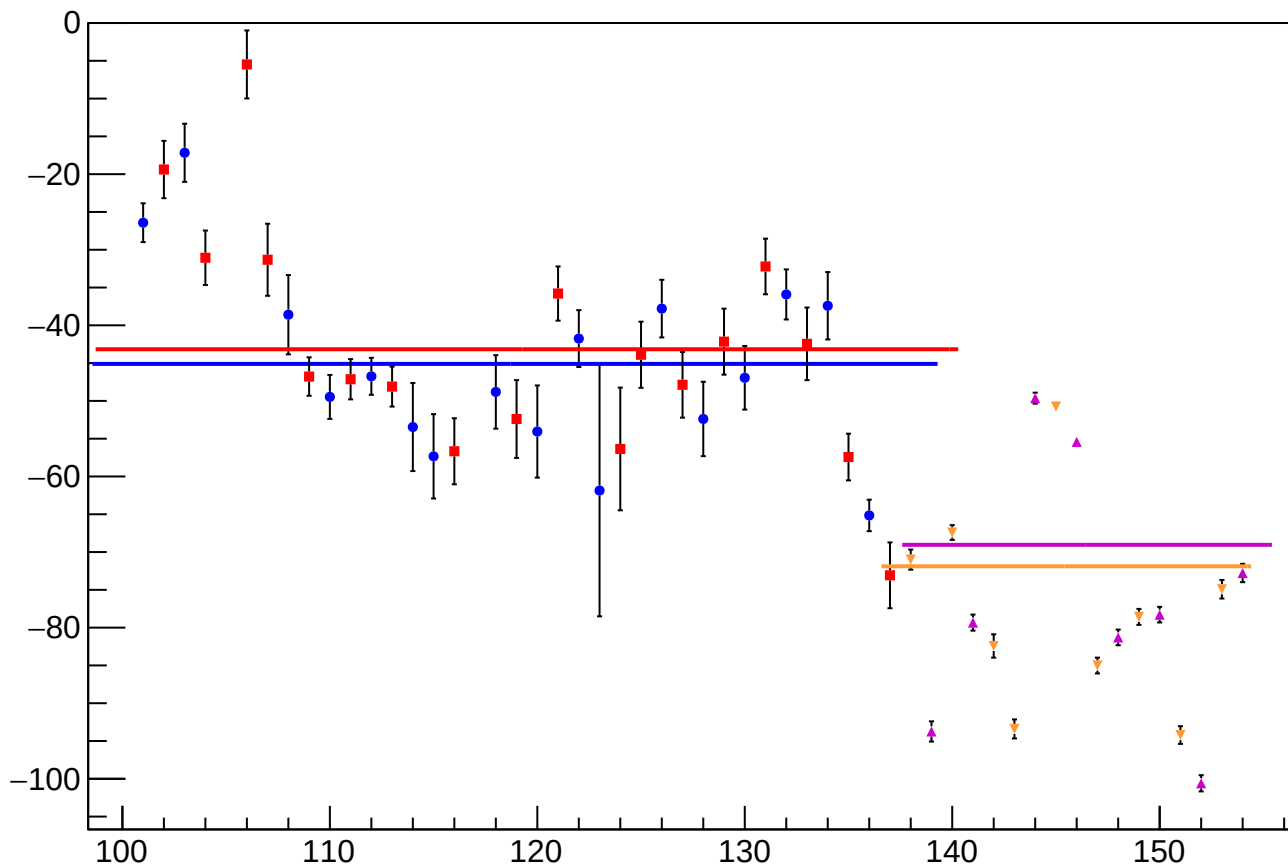
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -5.444 ± 0.200 χ^2/NDF : 279.5/24

Out: -4.538 ± 0.214 χ^2/NDF : 430.9/26

All: -5.022 ± 0.146 χ^2/NDF : 720.0/51

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -71.886 ± 0.350 χ^2/NDF : 1967.7/8

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -69.043 ± 0.326 χ^2/NDF : 2734.9/7

Left: -70.366 ± 0.238 χ^2/NDF : 4738.0/16

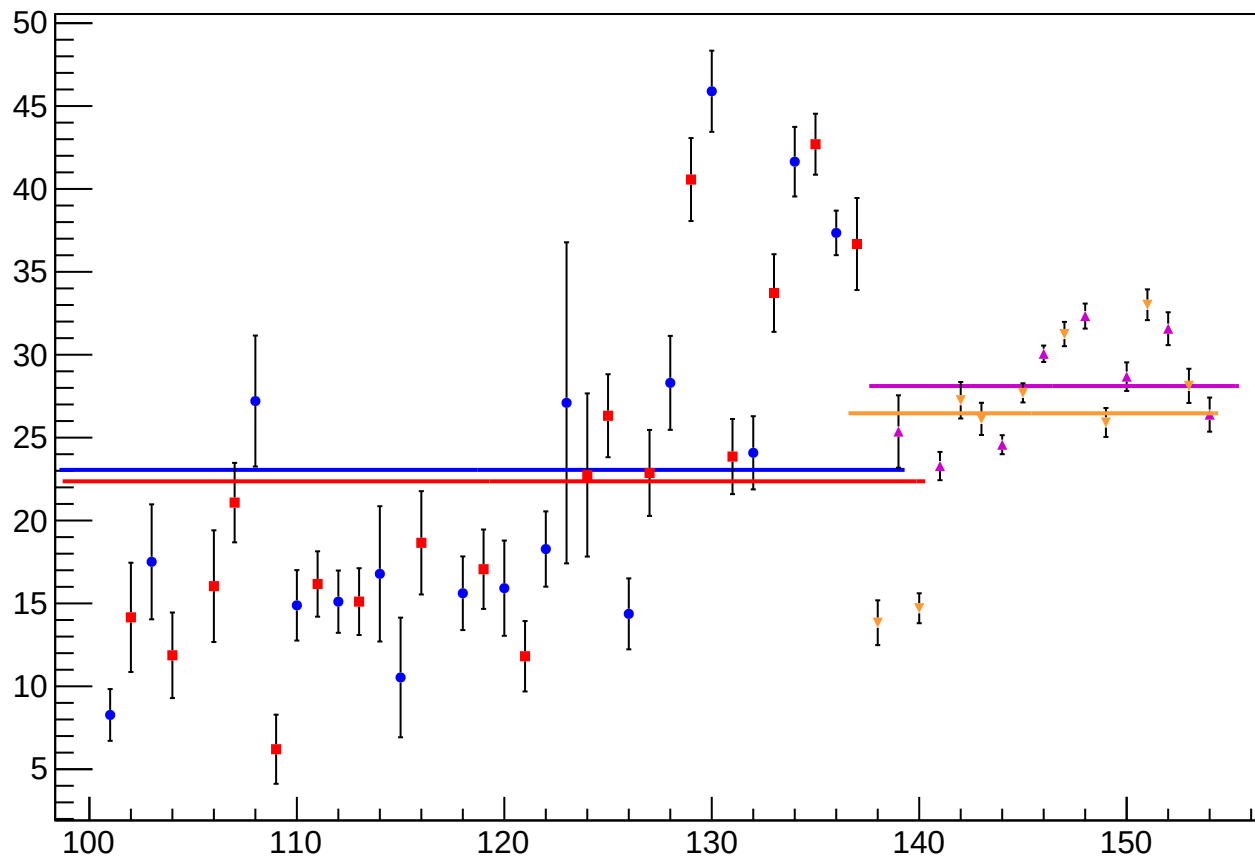
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -66.169 ± 0.306 χ^2/NDF : 3613.0/24

Out: -67.966 ± 0.325 χ^2/NDF : 3122.0/26

All: -67.013 ± 0.223 χ^2/NDF : 6751.2/51

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 26.469 ± 0.289 $\chi^2/\text{NDF}: 357.6/8$

Right Out: 22.365 ± 0.573 $\chi^2/\text{NDF}: 368.8/17$

Left In: 28.112 ± 0.269 $\chi^2/\text{NDF}: 134.0/7$

Left: 27.349 ± 0.197 $\chi^2/\text{NDF}: 508.9/16$

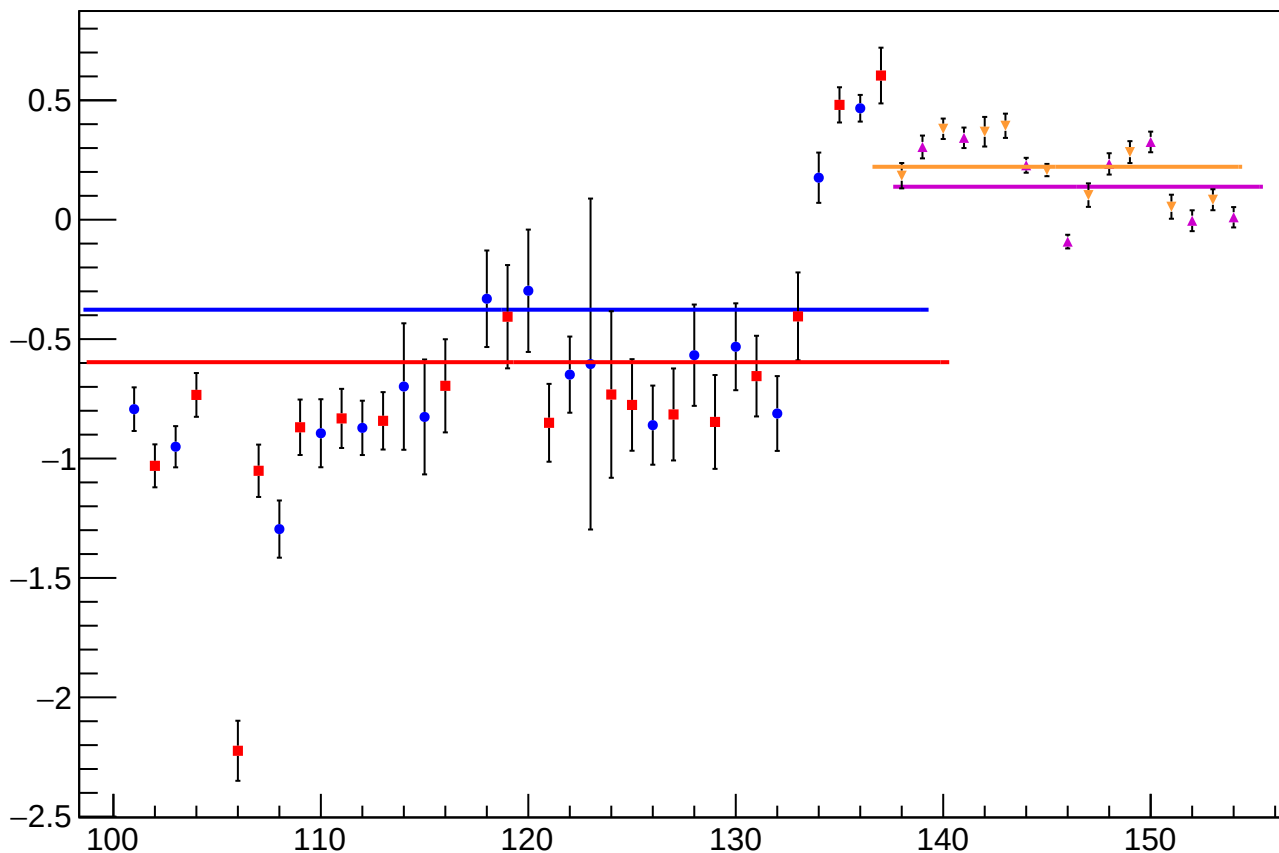
Right: 22.720 ± 0.399 $\chi^2/\text{NDF}: 830.6/34$

In: 27.154 ± 0.242 $\chi^2/\text{NDF}: 661.9/24$

Out: 25.635 ± 0.258 $\chi^2/\text{NDF}: 767.3/26$

All: 26.442 ± 0.177 $\chi^2/\text{NDF}: 1447.6/51$

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.222 ± 0.014 χ^2/NDF : 60.1/8

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.138 ± 0.014 χ^2/NDF : 150.5/7

Left: 0.178 ± 0.010 χ^2/NDF : 228.4/16

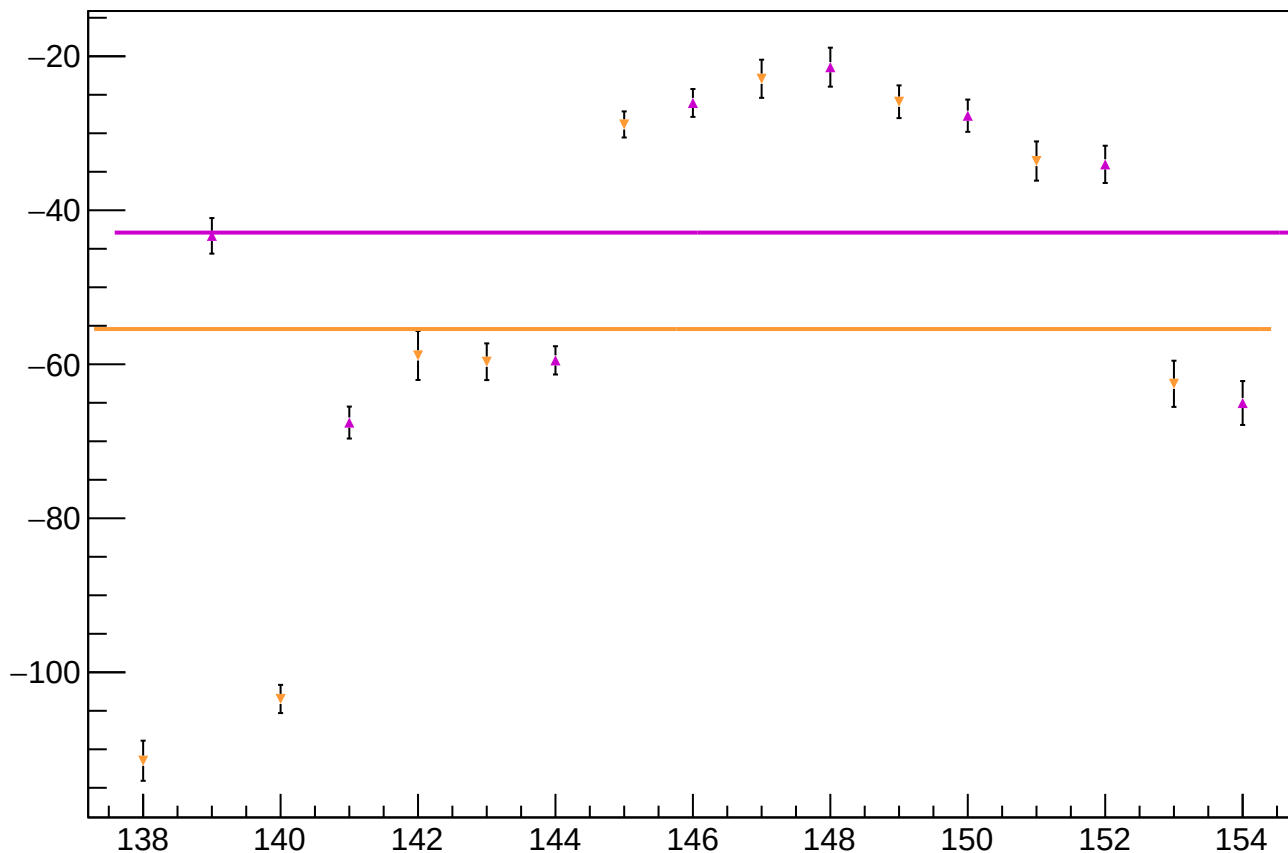
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.050 ± 0.012 χ^2/NDF : 830.4/24

Out: 0.071 ± 0.013 χ^2/NDF : 1208.8/26

All: 0.060 ± 0.009 χ^2/NDF : 2040.6/51

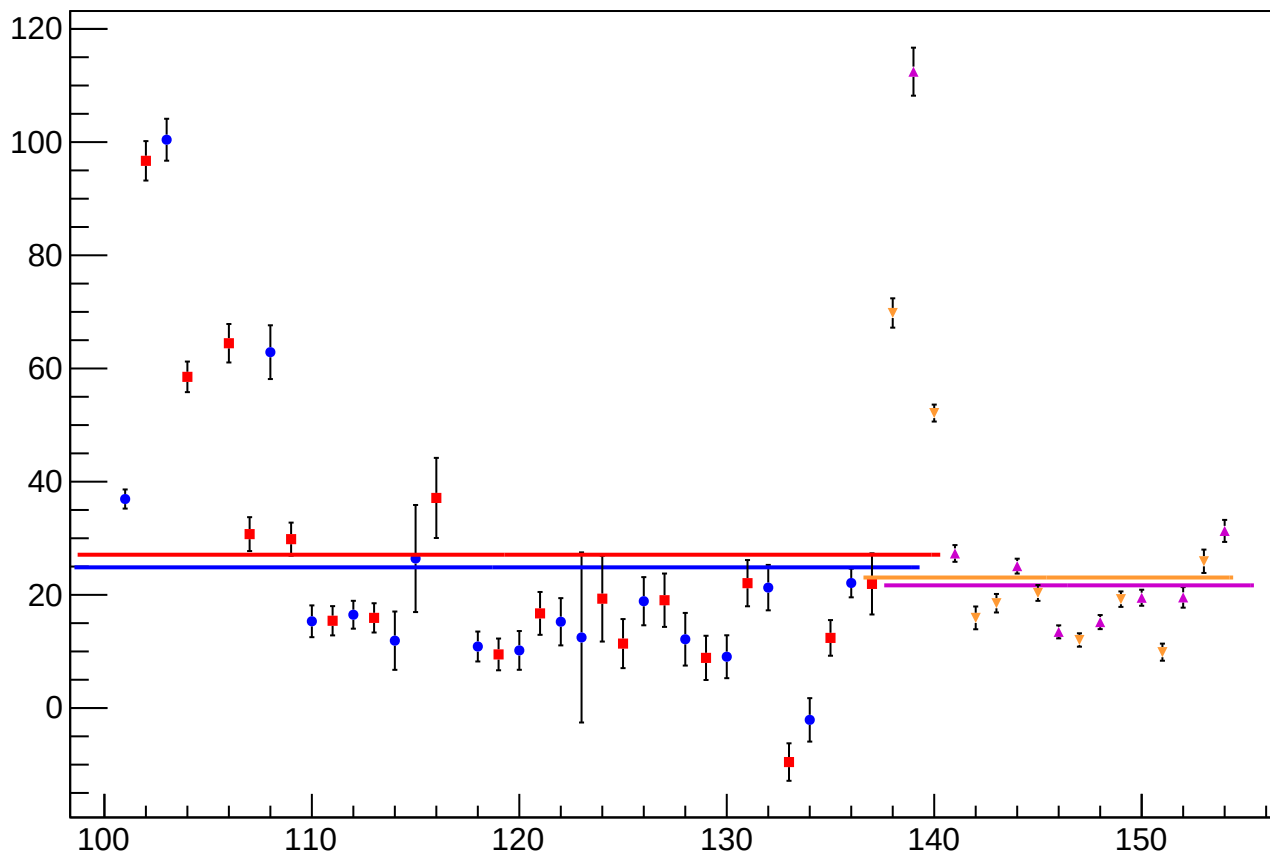
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -42.899+/-0.767 χ^2/NDF :507.9/7

Left: -49.195+/-0.541 χ^2/NDF : 2486.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -42.899+/-0.767 χ^2/NDF :507.9/7
 Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 All: -49.195+/-0.541 χ^2/NDF : 2486.8/16

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: 23.065 $\pm$ 0.524 χ^2/NDF : 897.6/8

Right Out: 27.093 $\pm$ 0.812 χ^2/NDF : 930.9/17

Left In: 21.680 $\pm$ 0.530 χ^2/NDF : 585.5/7

Left: 22.381 $\pm$ 0.372 χ^2/NDF : 1486.5/16

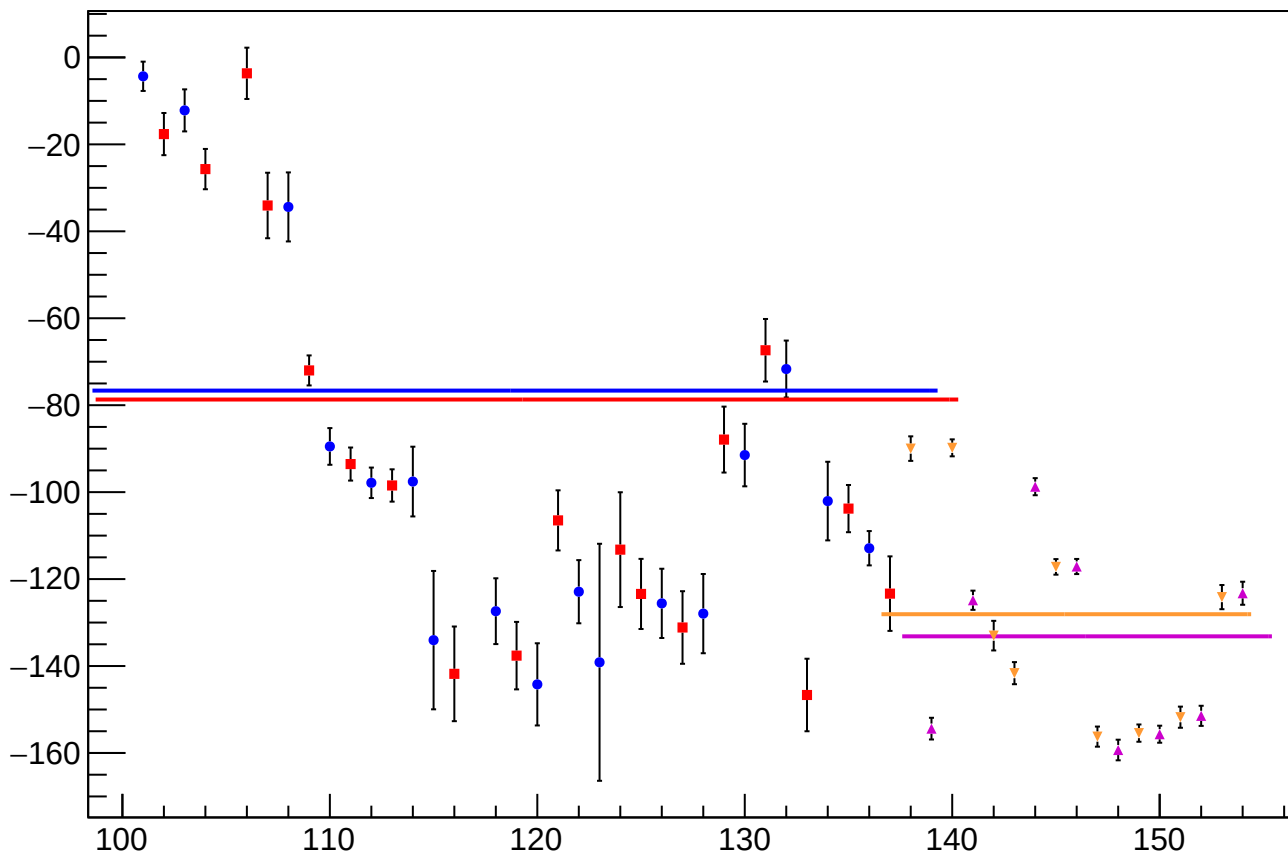
Right: 25.964 $\pm$ 0.570 χ^2/NDF : 1625.8/34

In: 22.647 $\pm$ 0.442 χ^2/NDF : 1287.5/24

Out: 24.248 $\pm$ 0.440 χ^2/NDF : 1845.9/26

All: 23.452 $\pm$ 0.312 χ^2/NDF : 3140.0/51

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -128.081 ± 0.772 $\chi^2/\text{NDF}: 1068.5/8$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -133.170 ± 0.762 $\chi^2/\text{NDF}: 808.0/7$

Left: -130.658 ± 0.542 $\chi^2/\text{NDF}: 1898.5/16$

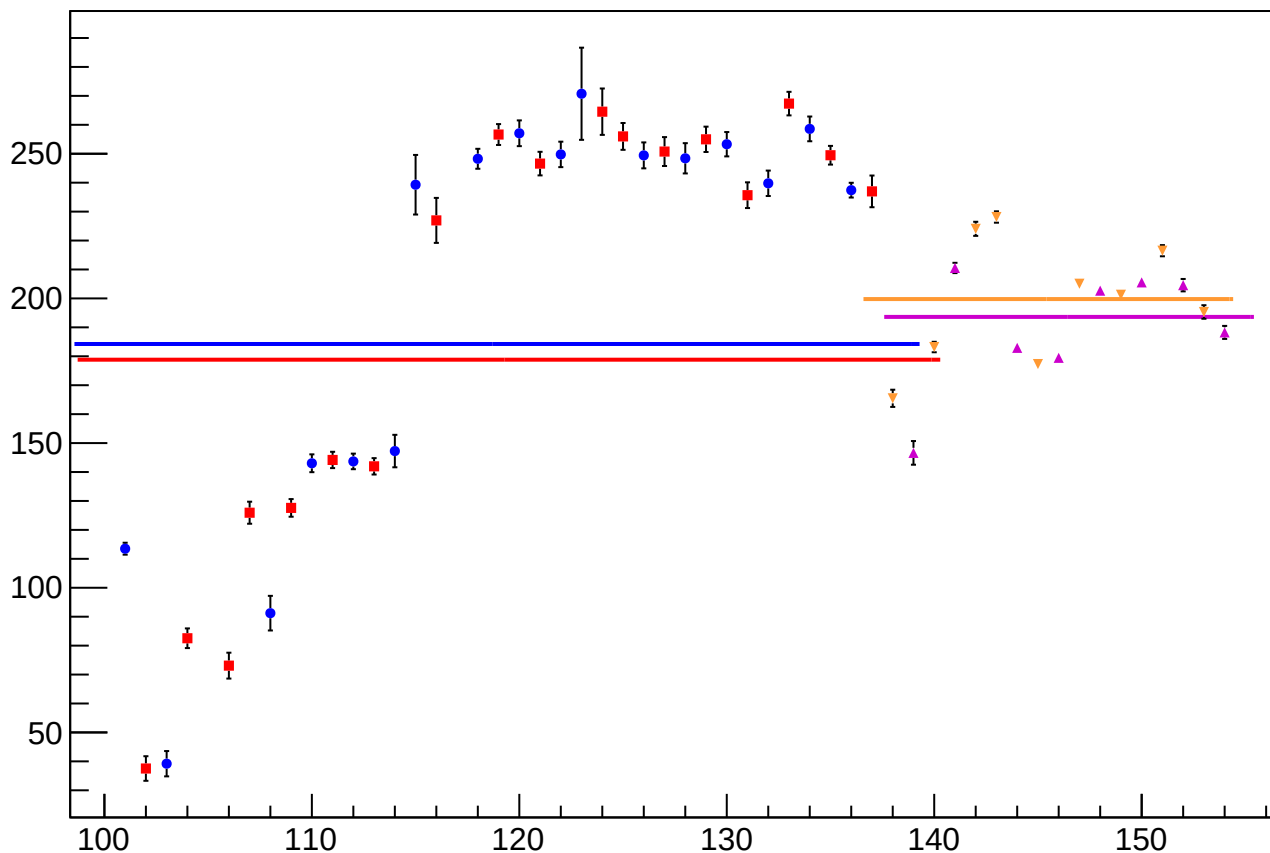
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -120.459 ± 0.671 $\chi^2/\text{NDF}: 3086.2/24$

Out: -116.050 ± 0.671 $\chi^2/\text{NDF}: 2902.5/26$

All: -118.256 ± 0.474 $\chi^2/\text{NDF}: 6010.2/51$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 199.775 $\pm$ 0.641 χ^2 /NDF:810.1/8

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 193.611 $\pm$ 0.646 χ^2 /NDF:479.7/7

Left: 196.713 $\pm$ 0.455 χ^2 /NDF: 1335.7/16

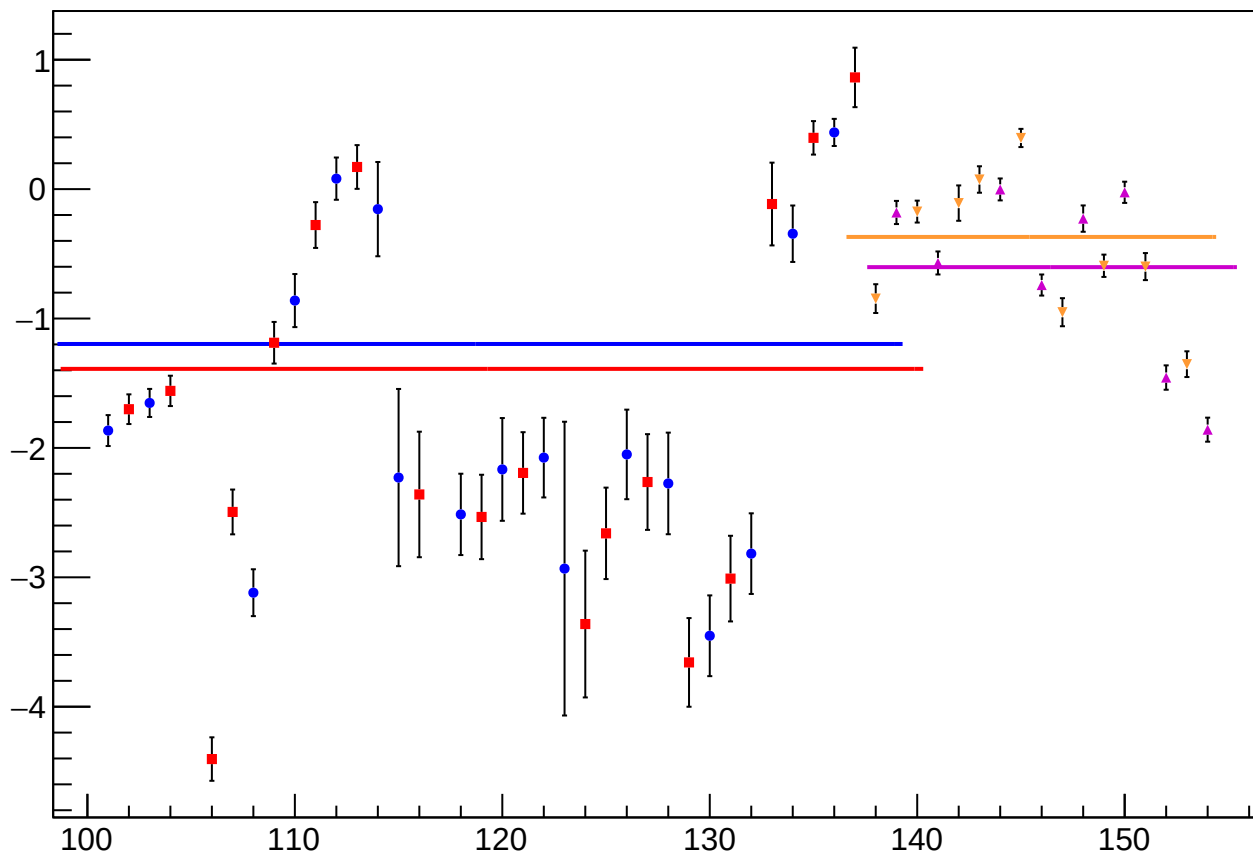
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 190.500 $\pm$ 0.528 χ^2 /NDF:5938.2/24

Out: 192.979 $\pm$ 0.527 χ^2 /NDF:7327.2/26

All: 191.741 $\pm$ 0.373 χ^2 /NDF: 13276.5/51

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.369 ± 0.032 χ^2/NDF : 302.5/8

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.603 ± 0.031 χ^2/NDF : 403.9/7

Left: -0.488 ± 0.022 χ^2/NDF : 733.6/16

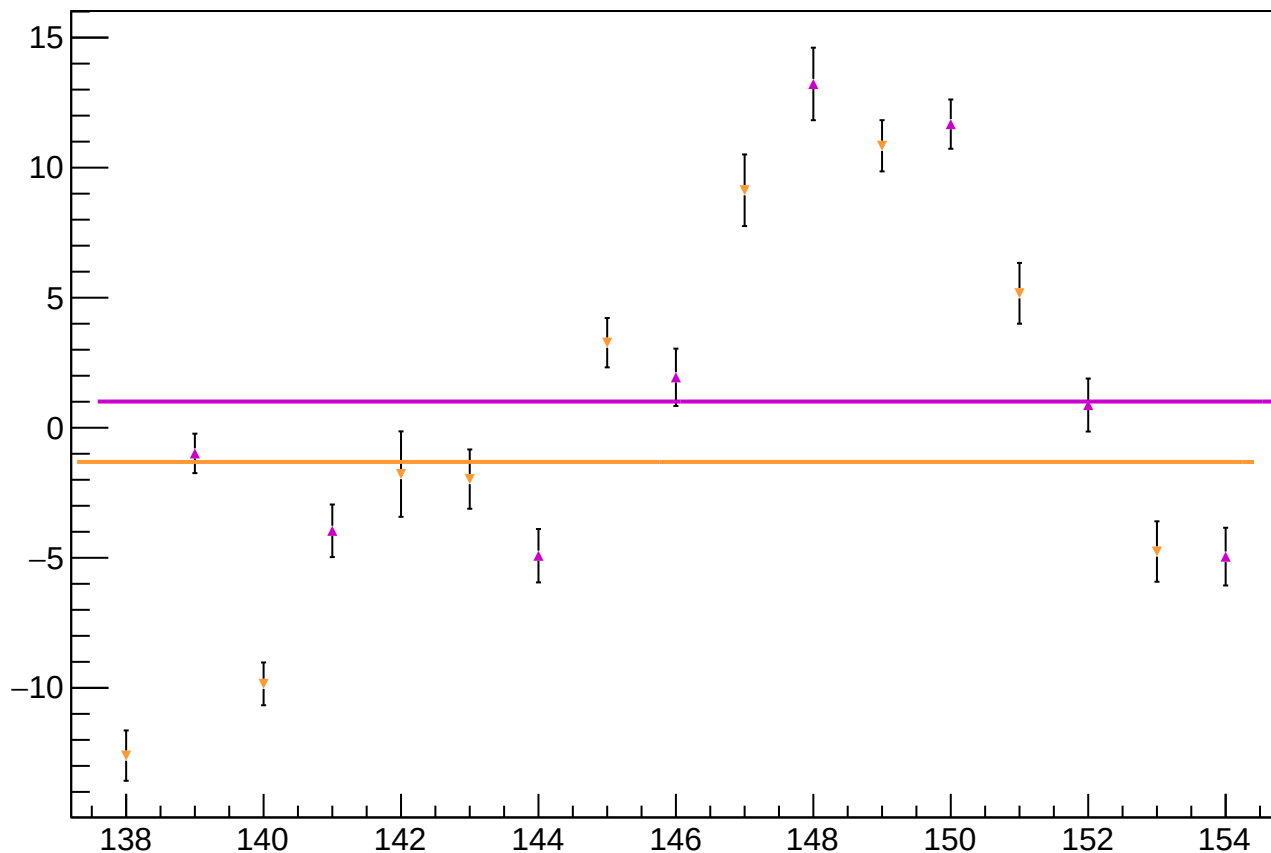
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.780 ± 0.026 χ^2/NDF : 1132.2/24

Out: -0.700 ± 0.026 χ^2/NDF : 1555.9/26

All: -0.740 ± 0.019 χ^2/NDF : 2692.8/51

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.315+/-0.357 χ^2/NDF : 517.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.008+/-0.356 χ^2/NDF : 297.5/7

Left: -0.149+/-0.252 χ^2/NDF : 835.6/16

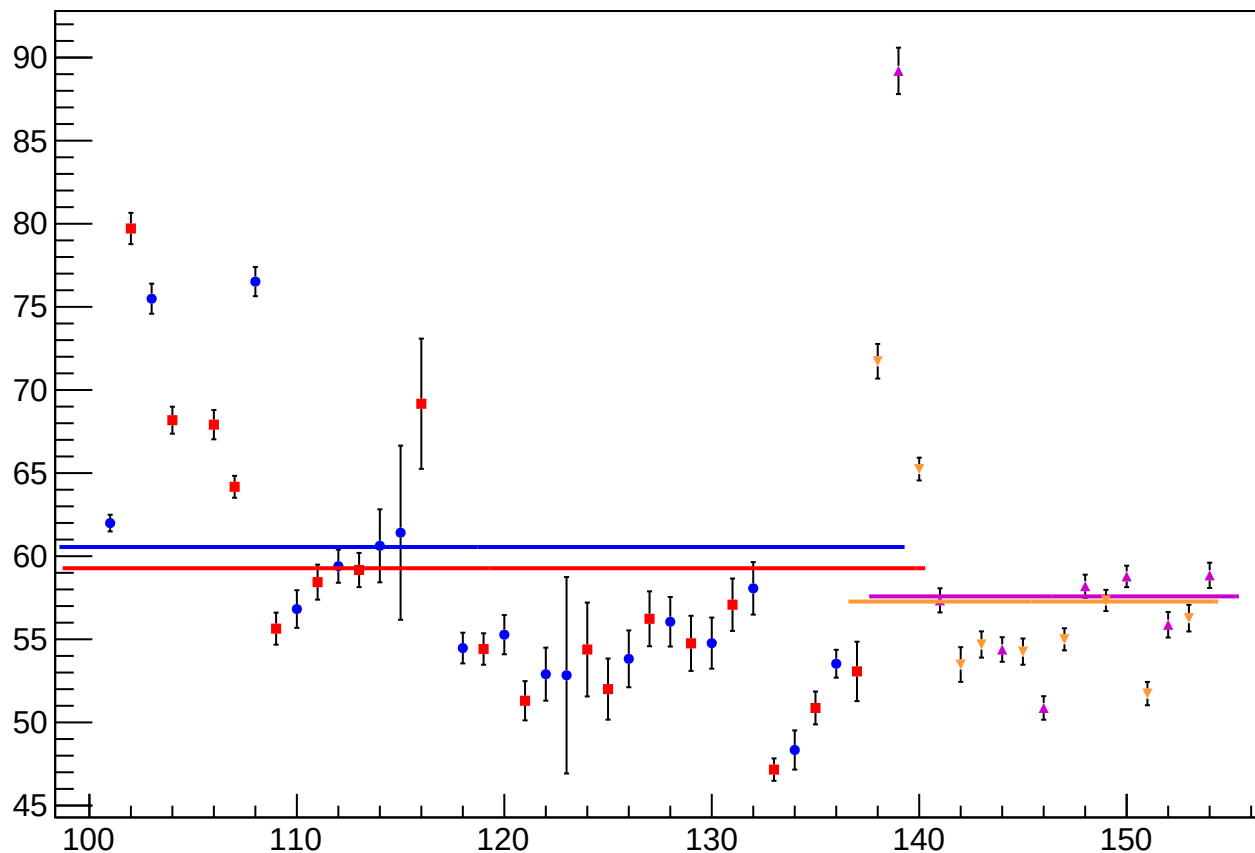
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.008+/-0.356 χ^2/NDF : 297.5/7

Out: -1.315+/-0.357 χ^2/NDF : 517.0/8

All: -0.149+/-0.252 χ^2/NDF : 835.6/16

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: 57.272 $\pm$ 0.254 χ^2 /NDF: 441.6/8

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 57.581 $\pm$ 0.266 χ^2 /NDF: 633.6/7

Left: 57.420 $\pm$ 0.184 χ^2 /NDF: 1075.9/16

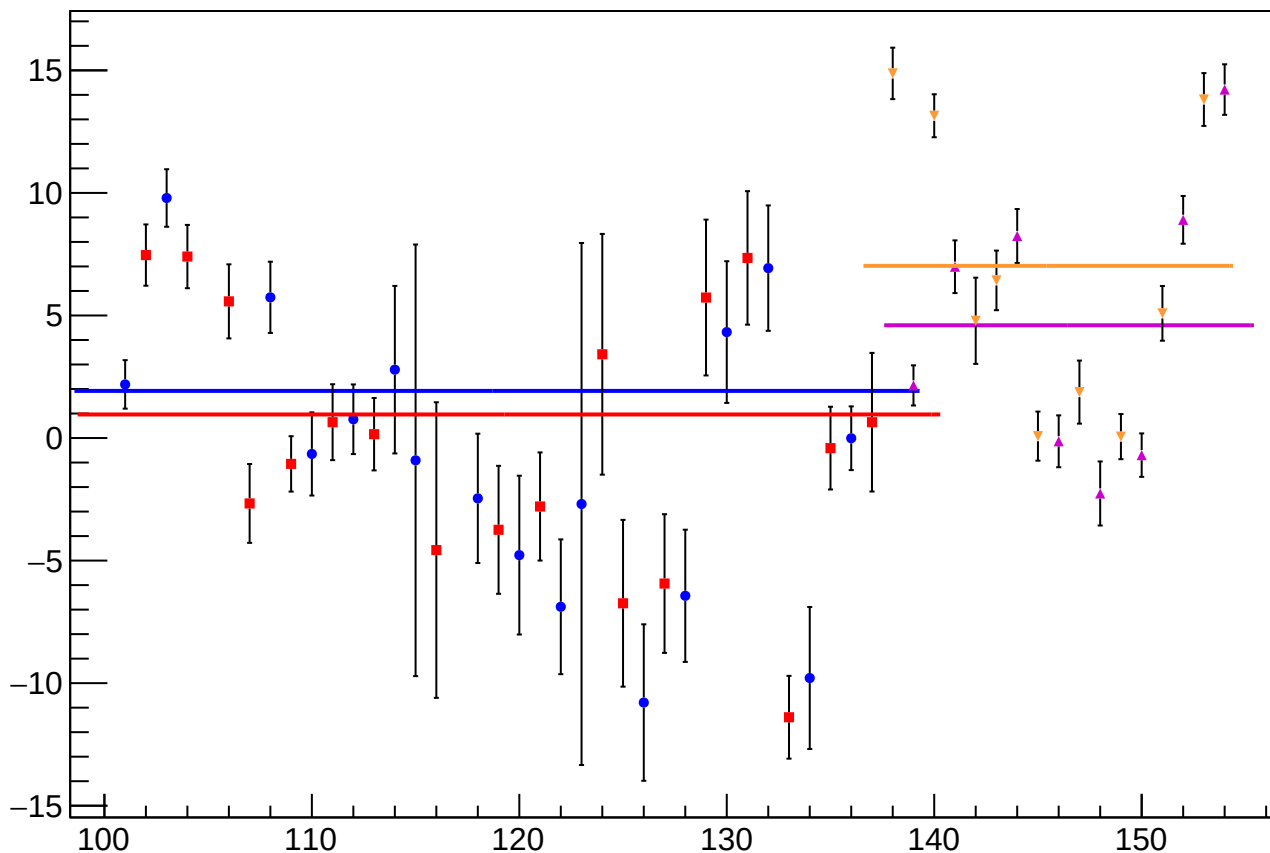
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 59.089 $\pm$ 0.187 χ^2 /NDF: 1628.0/24

Out: 58.295 $\pm$ 0.178 χ^2 /NDF: 1748.2/26

All: 58.673 $\pm$ 0.129 χ^2 /NDF: 3385.7/51

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 7.024 ± 0.361 $\chi^2/\text{NDF}: 270.6/8$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 4.600 ± 0.355 $\chi^2/\text{NDF}: 214.6/7$

Left: 5.790 ± 0.253 $\chi^2/\text{NDF}: 508.2/16$

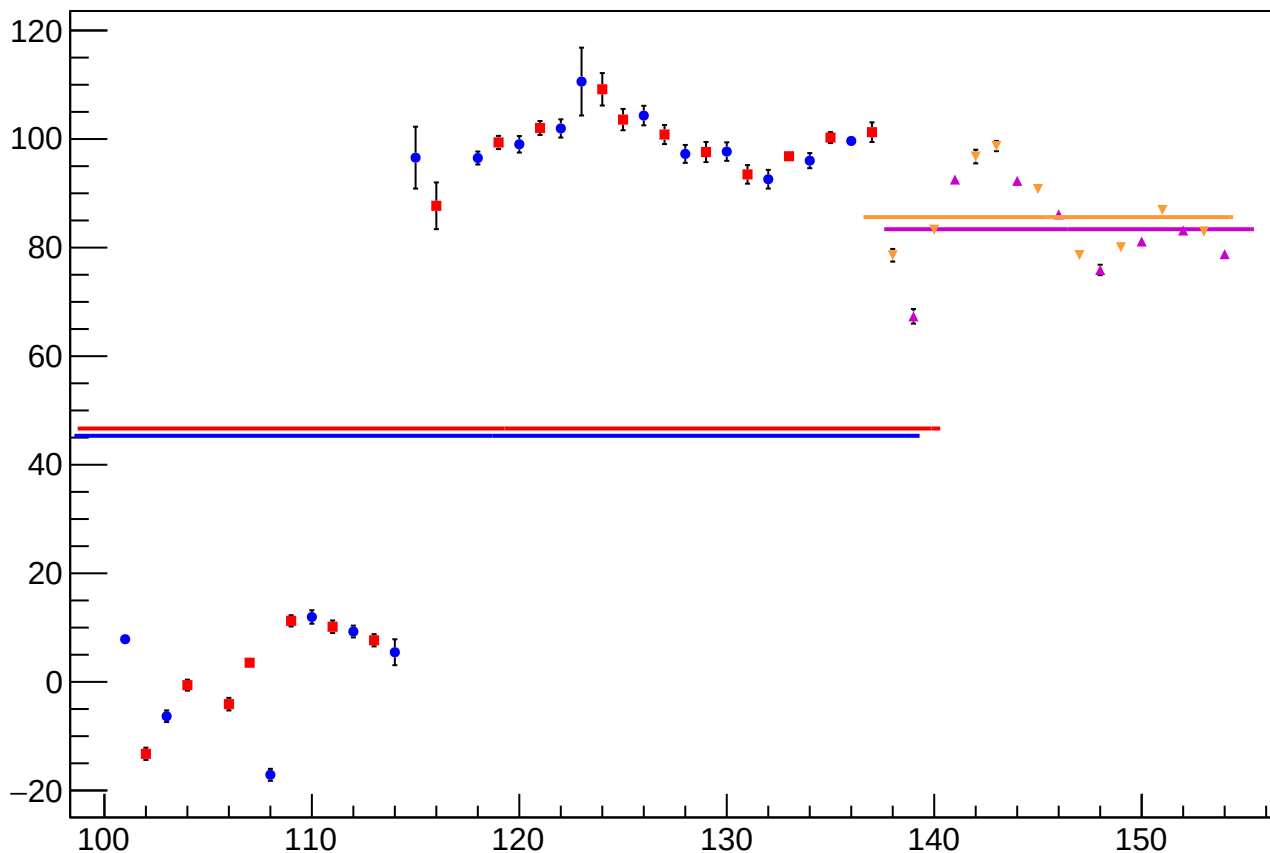
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 3.596 ± 0.281 $\chi^2/\text{NDF}: 357.1/24$

Out: 4.511 ± 0.277 $\chi^2/\text{NDF}: 537.3/26$

All: 4.060 ± 0.197 $\chi^2/\text{NDF}: 899.7/51$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 85.615+/-0.308 χ^2/NDF : 469.5/8

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 83.387+/-0.318 χ^2/NDF : 464.7/7

Left: 84.536+/-0.221 χ^2/NDF : 959.5/16

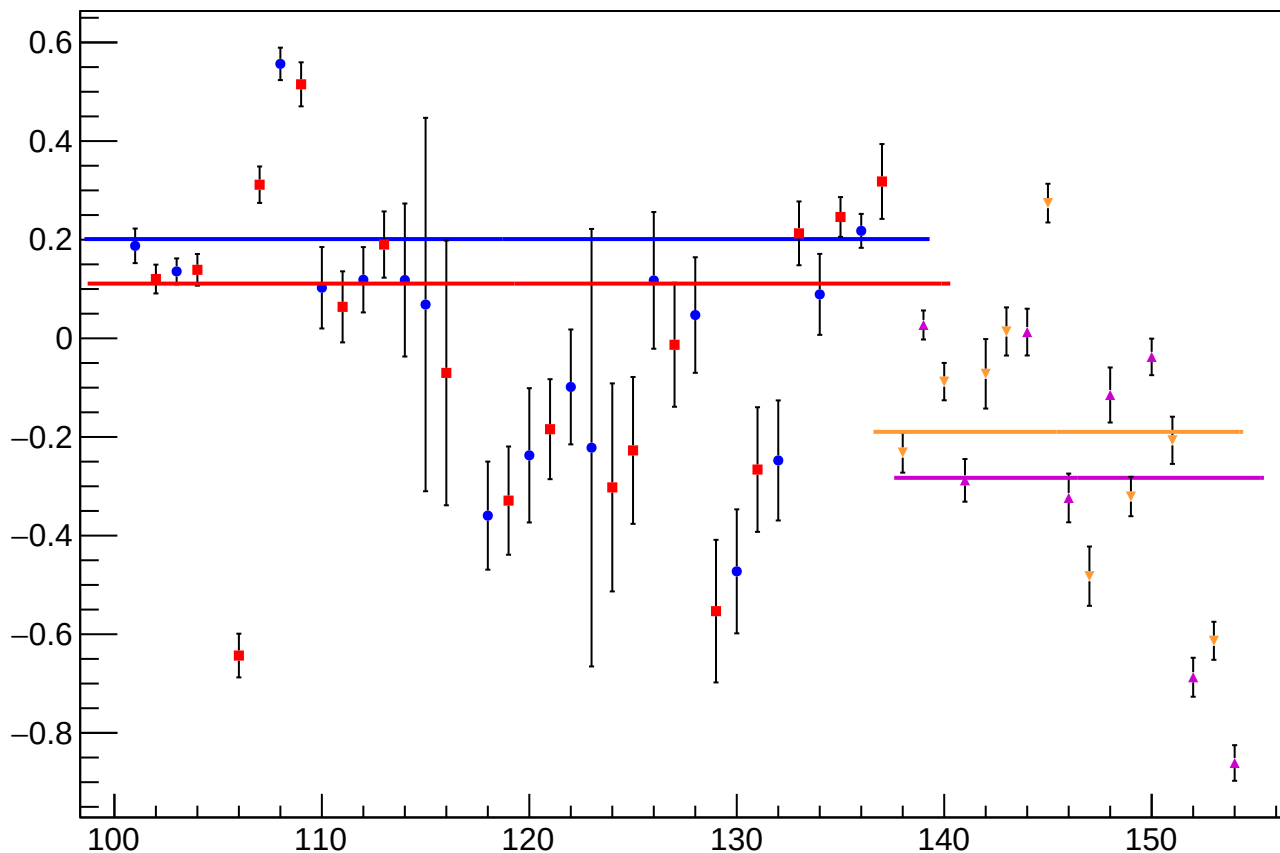
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 63.498+/-0.219 χ^2/NDF : 32972.5/24

Out: 65.039+/-0.211 χ^2/NDF : 36826.0/26

All: 64.298+/-0.152 χ^2/NDF : 69824.1/51

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.190 ± 0.015 χ^2/NDF : 323.5/8

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.283 ± 0.014 χ^2/NDF : 564.5/7

Left: -0.238 ± 0.010 χ^2/NDF : 908.9/16

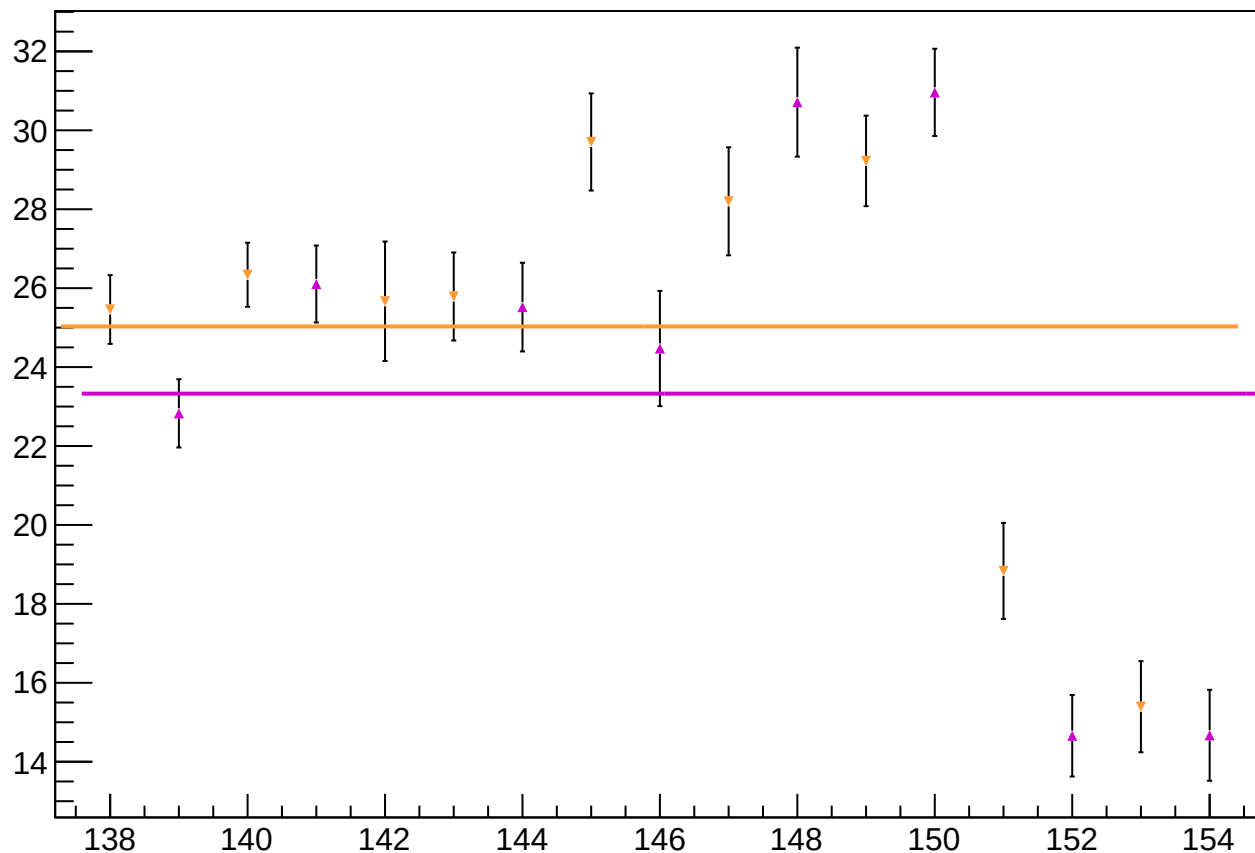
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.039 ± 0.010 χ^2/NDF : 1372.0/24

Out: -0.022 ± 0.010 χ^2/NDF : 1043.9/26

All: -0.031 ± 0.007 χ^2/NDF : 2417.3/51

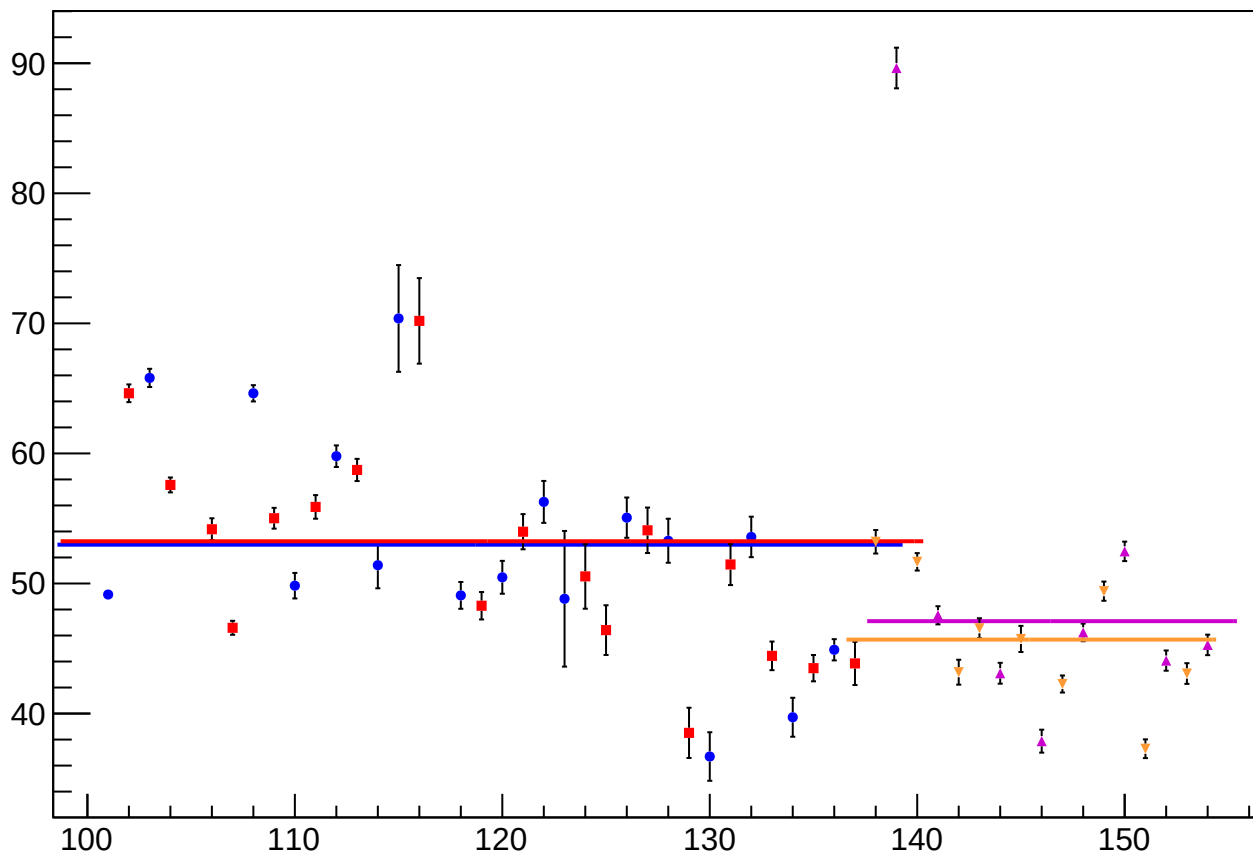
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 25.030 $\pm$ 0.366 χ^2 /NDF:132.2/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 23.327 $\pm$ 0.387 χ^2 /NDF:216.0/7

Left: 24.225 $\pm$ 0.266 χ^2 /NDF: 358.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 23.327 $\pm$ 0.387 χ^2 /NDF:216.0/7
 Out: 25.030 $\pm$ 0.366 χ^2 /NDF:132.2/8
 All: 24.225 $\pm$ 0.266 χ^2 /NDF: 358.5/16

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.685 $\pm$ 0.259 χ^2 /NDF:355.6/8

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 47.104 $\pm$ 0.283 χ^2 /NDF:948.5/7

Left: 46.334 $\pm$ 0.191 χ^2 /NDF: 1317.8/16

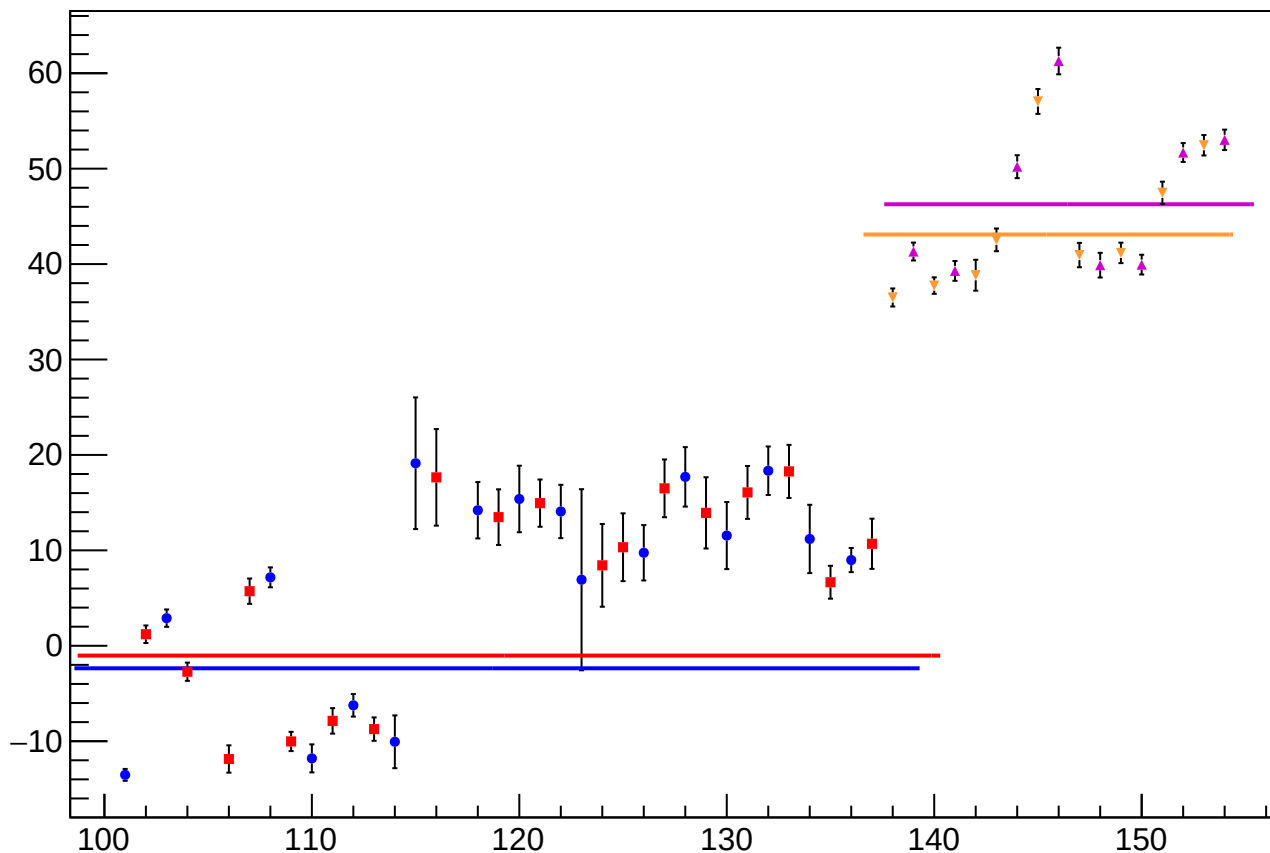
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 50.889 $\pm$ 0.169 χ^2 /NDF:2425.2/24

Out: 49.959 $\pm$ 0.171 χ^2 /NDF:1693.0/26

All: 50.430 $\pm$ 0.120 χ^2 /NDF: 4133.2/51

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 $\pm$ 0.364 χ^2/NDF : 837.7/16

Left Out: 43.099 $\pm$ 0.372 χ^2/NDF :304.8/8

Right Out: -1.028 $\pm$ 0.380 χ^2/NDF : 507.8/17

Left In: 46.268 $\pm$ 0.386 χ^2/NDF :331.4/7

Left: 44.624 $\pm$ 0.268 χ^2/NDF : 671.1/16

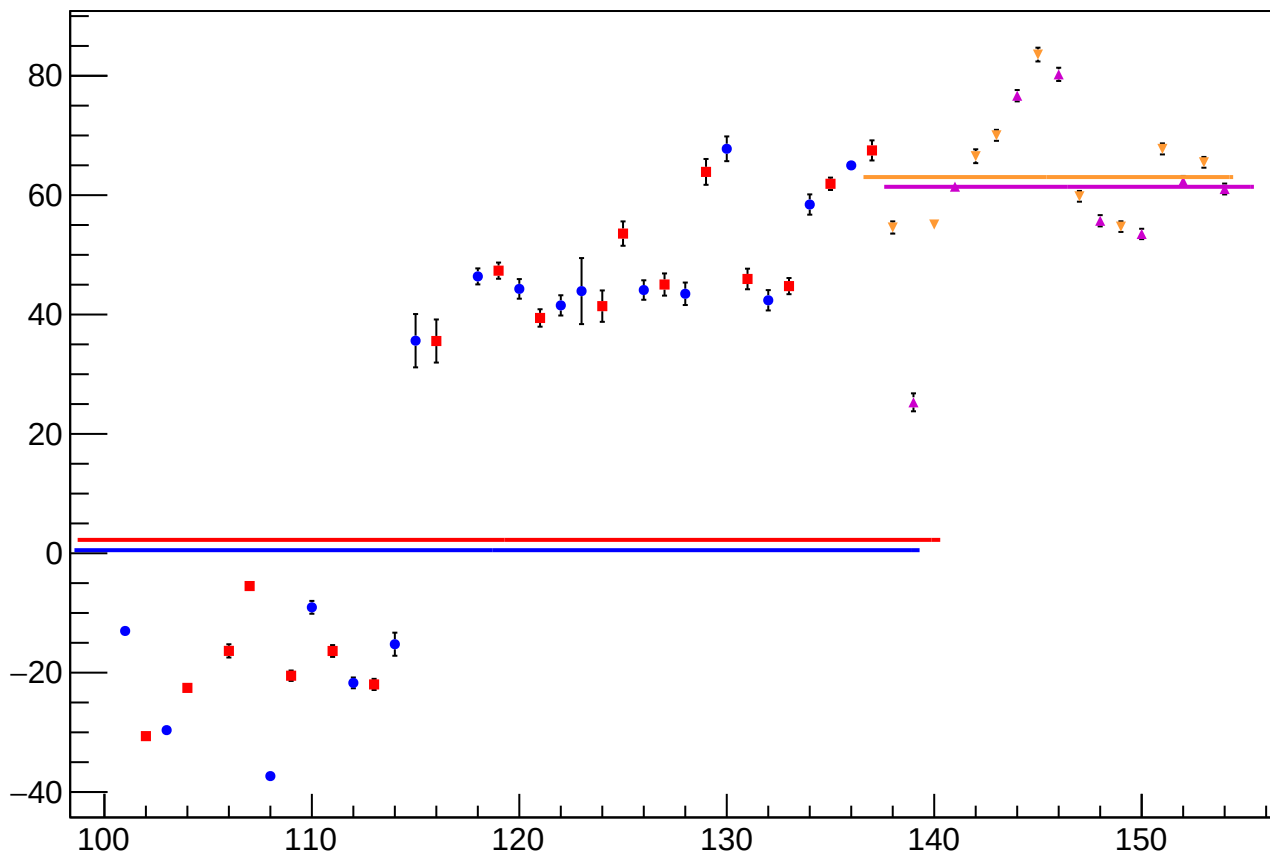
Right: -1.723 $\pm$ 0.263 χ^2/NDF : 1351.9/34

In: 20.524 $\pm$ 0.265 χ^2/NDF :9561.6/24

Out: 21.515 $\pm$ 0.266 χ^2/NDF :7692.5/26

All: 21.018 $\pm$ 0.188 χ^2/NDF : 17261.1/51

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2/NDF : 18386.0/16

Left Out: 63.032 $\pm$ 0.315 χ^2/NDF : 680.1/8

Right Out: 2.246 $\pm$ 0.267 χ^2/NDF : 15377.0/17

Left In: 61.400 $\pm$ 0.340 χ^2/NDF : 1241.8/7

Left: 62.278 $\pm$ 0.231 χ^2/NDF : 1934.3/16

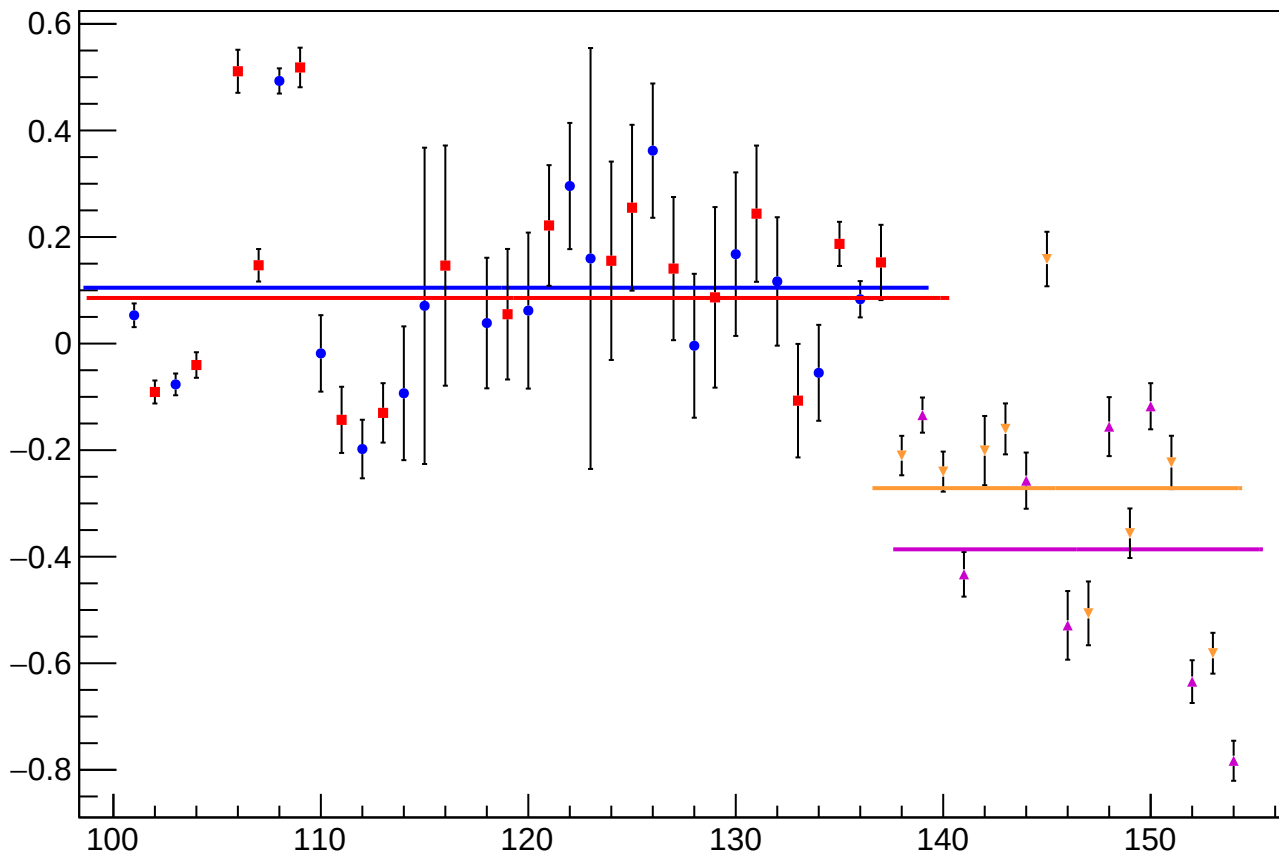
Right: 1.313 $\pm$ 0.181 χ^2/NDF : 33785.6/34

In: 21.516 $\pm$ 0.200 χ^2/NDF : 40594.2/24

Out: 27.661 $\pm$ 0.204 χ^2/NDF : 37662.0/26

All: 24.526 $\pm$ 0.143 χ^2/NDF : 78719.3/51

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.271 ± 0.015 χ^2/NDF : 165.8/8

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.386 ± 0.015 χ^2/NDF : 276.0/7

Left: -0.329 ± 0.011 χ^2/NDF : 470.1/16

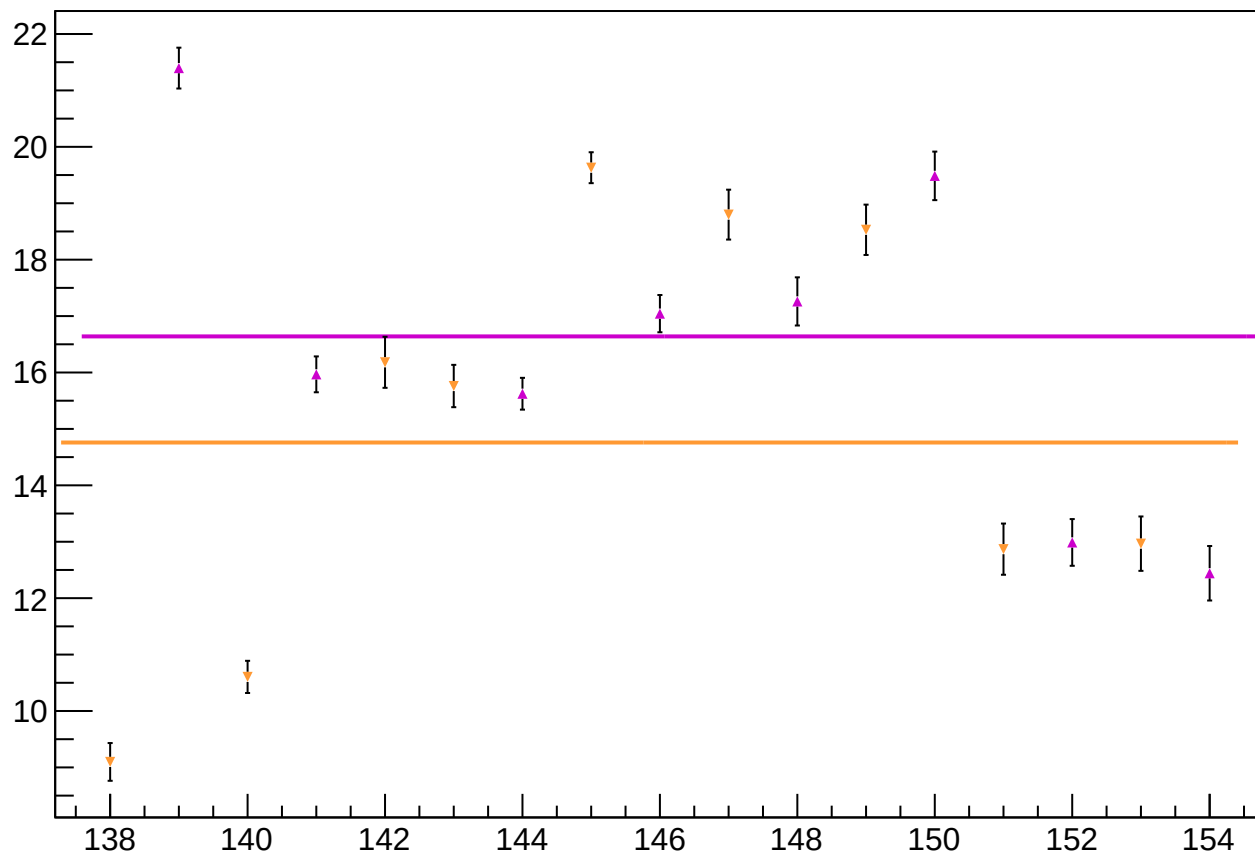
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: -0.063 ± 0.009 χ^2/NDF : 1354.9/24

Out: -0.038 ± 0.009 χ^2/NDF : 913.5/26

All: -0.051 ± 0.006 χ^2/NDF : 2272.5/51

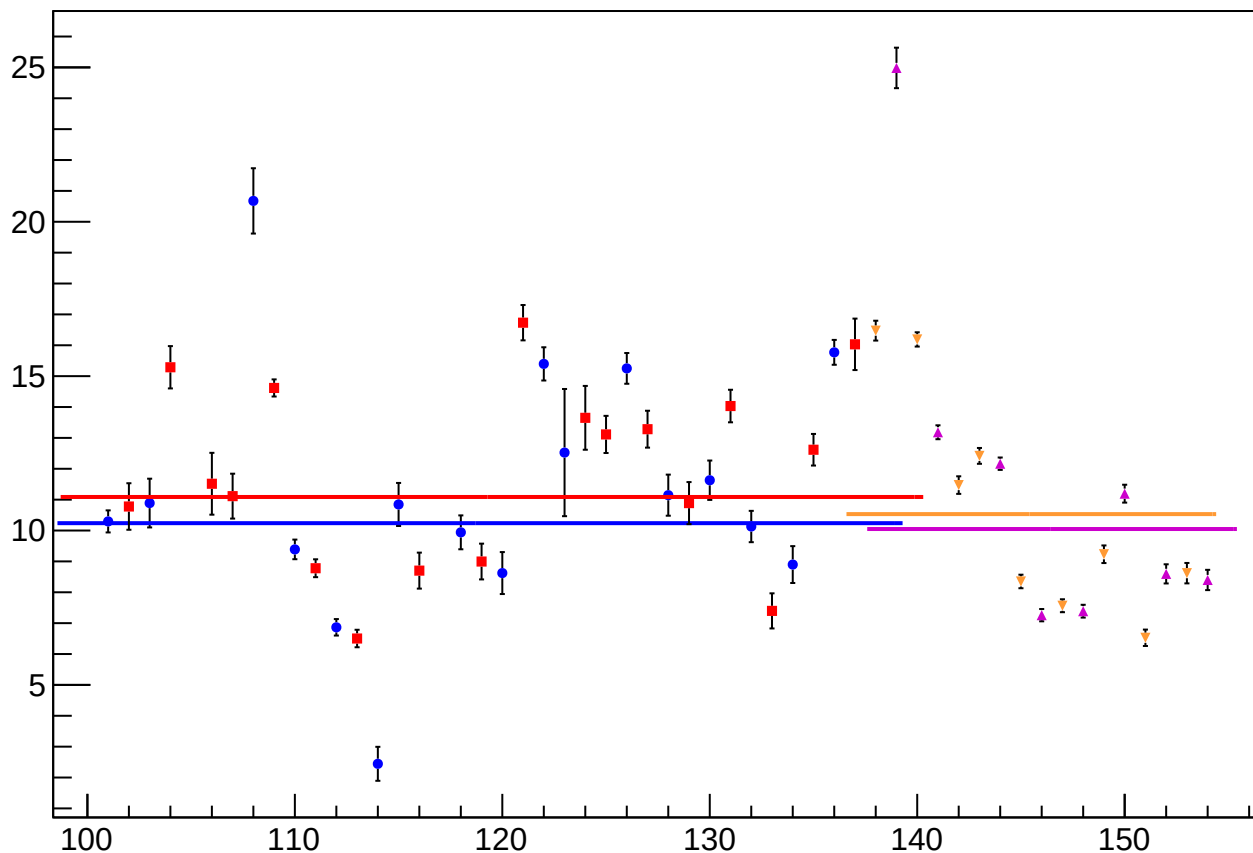
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.759+/-0.123 χ^2/NDF :1017.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.640+/-0.129 χ^2/NDF :390.8/7

Left: 15.658+/-0.089 χ^2/NDF : 1519.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.640+/-0.129 χ^2/NDF :390.8/7
 Out: 14.759+/-0.123 χ^2/NDF :1017.2/8
 All: 15.658+/-0.089 χ^2/NDF : 1519.3/16

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.532 $\pm$ 0.086 χ^2 /NDF:1585.2/8

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 10.049 $\pm$ 0.089 χ^2 /NDF:1246.8/7

Left: 10.298 $\pm$ 0.062 χ^2 /NDF: 2847.3/16

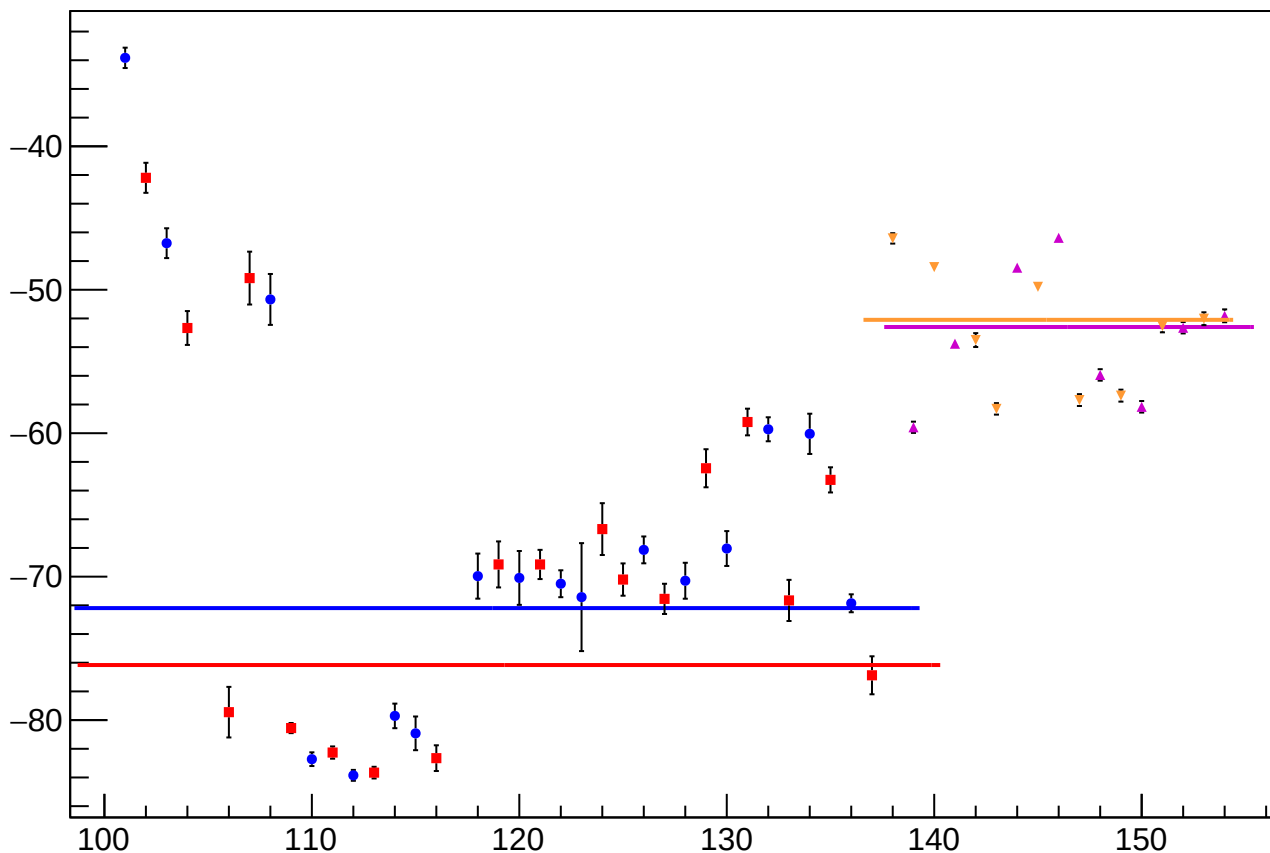
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 10.117 $\pm$ 0.071 χ^2 /NDF:2115.9/24

Out: 10.728 $\pm$ 0.069 χ^2 /NDF:2400.9/26

All: 10.431 $\pm$ 0.050 χ^2 /NDF: 4554.7/51

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 $\pm$ 0.198 χ^2 /NDF: 5563.0/16

Left Out: -52.096 $\pm$ 0.126 χ^2 /NDF:1047.5/8

Right Out: -76.162 $\pm$ 0.181 χ^2 /NDF: 3223.3/17

Left In: -52.596 $\pm$ 0.129 χ^2 /NDF:1167.6/7

Left: -52.341 $\pm$ 0.090 χ^2 /NDF: 2222.7/16

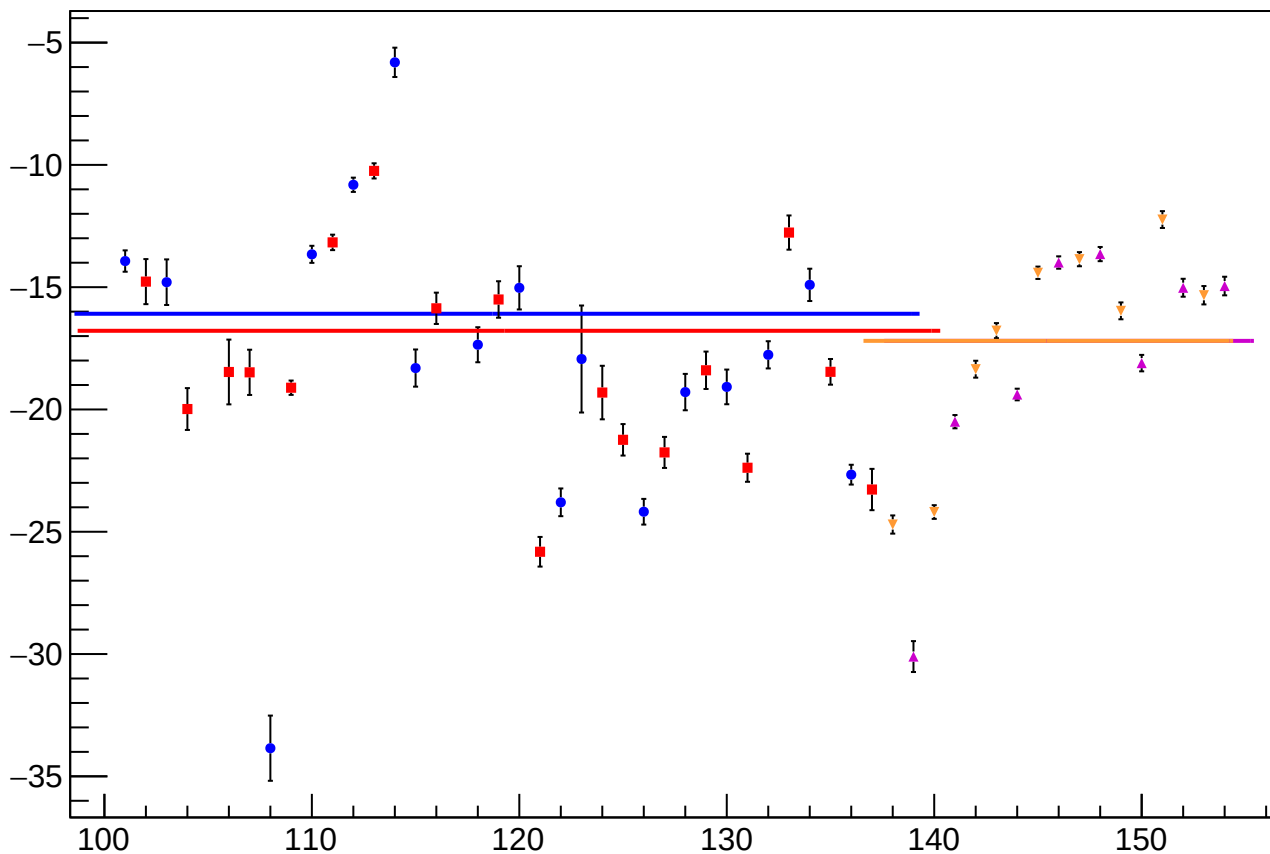
Right: -74.353 $\pm$ 0.134 χ^2 /NDF: 9004.8/34

In: -58.438 $\pm$ 0.108 χ^2 /NDF:13596.2/24

Out: -59.975 $\pm$ 0.104 χ^2 /NDF:16129.8/26

All: -59.239 $\pm$ 0.075 χ^2 /NDF: 29831.3/51

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.194 ± 0.105 χ^2/NDF : 1543.8/8

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.196 ± 0.109 χ^2/NDF : 1036.7/7

Left: -17.195 ± 0.076 χ^2/NDF : 2580.5/16

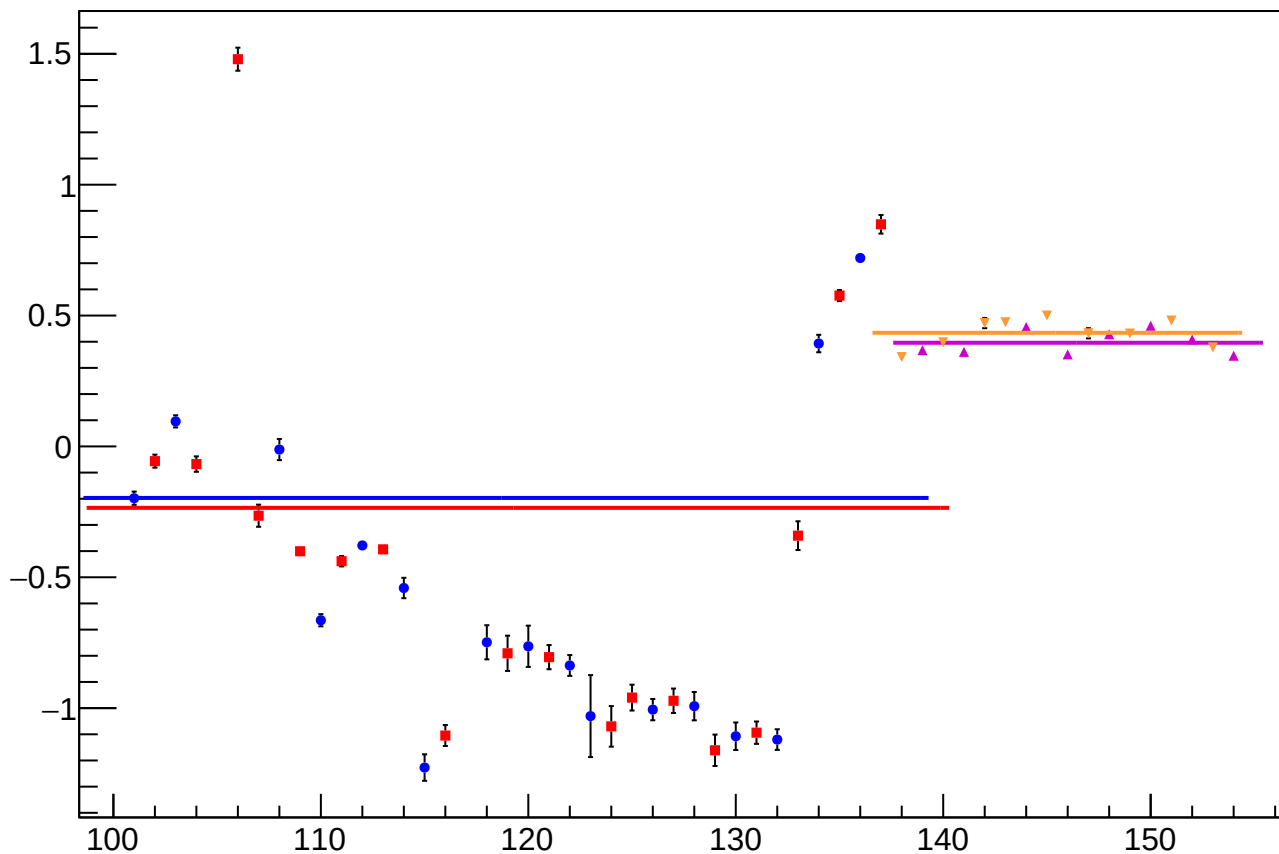
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.748 ± 0.084 χ^2/NDF : 2700.2/24

Out: -17.029 ± 0.081 χ^2/NDF : 2754.4/26

All: -16.893 ± 0.058 χ^2/NDF : 5460.4/51

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 $\chi^2/\text{NDF}: 6329.9/16$

Left Out: 0.434 ± 0.005 $\chi^2/\text{NDF}: 110.2/8$

Right Out: -0.235 ± 0.007 $\chi^2/\text{NDF}: 6204.9/17$

Left In: 0.396 ± 0.005 $\chi^2/\text{NDF}: 69.6/7$

Left: 0.415 ± 0.004 $\chi^2/\text{NDF}: 206.1/16$

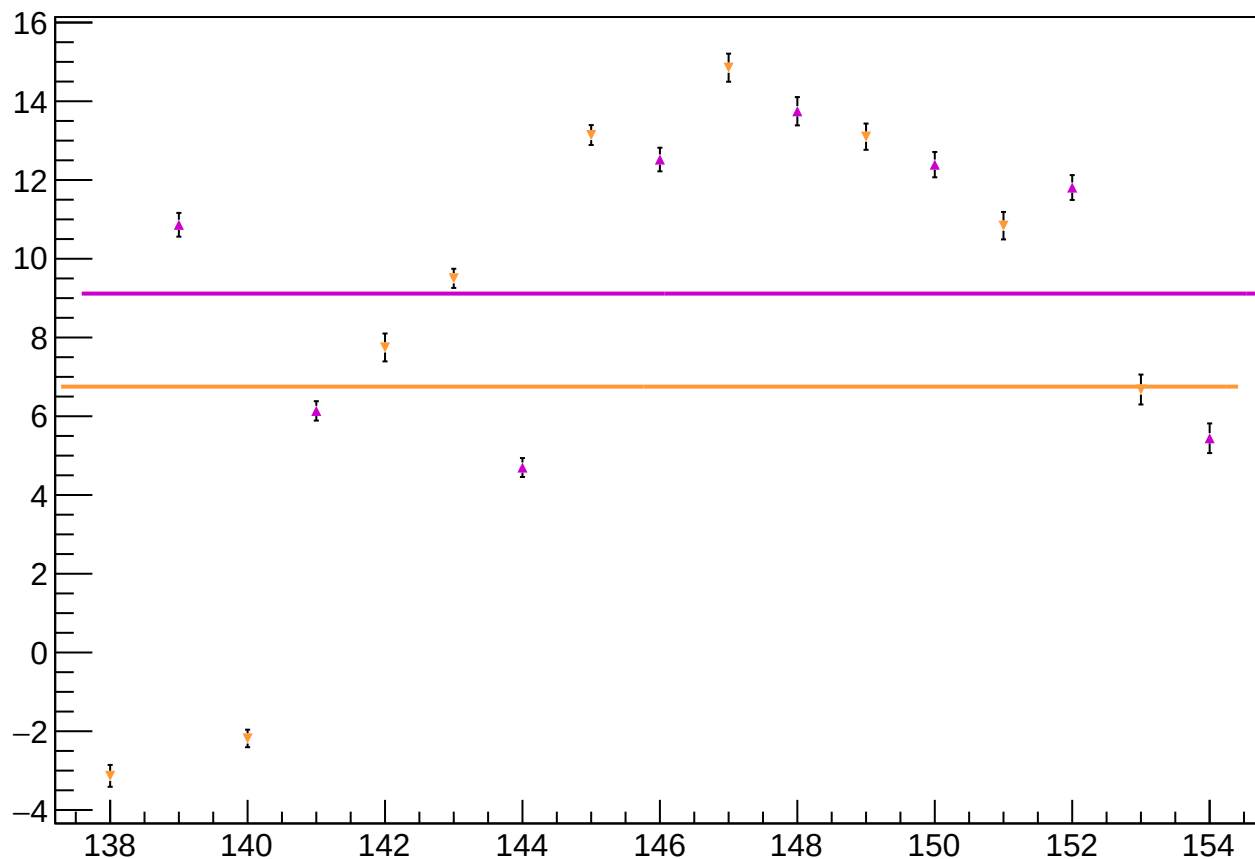
Right: -0.217 ± 0.005 $\chi^2/\text{NDF}: 12547.9/34$

In: 0.201 ± 0.004 $\chi^2/\text{NDF}: 10539.6/24$

Out: 0.205 ± 0.004 $\chi^2/\text{NDF}: 12001.0/26$

All: 0.203 ± 0.003 $\chi^2/\text{NDF}: 22541.0/51$

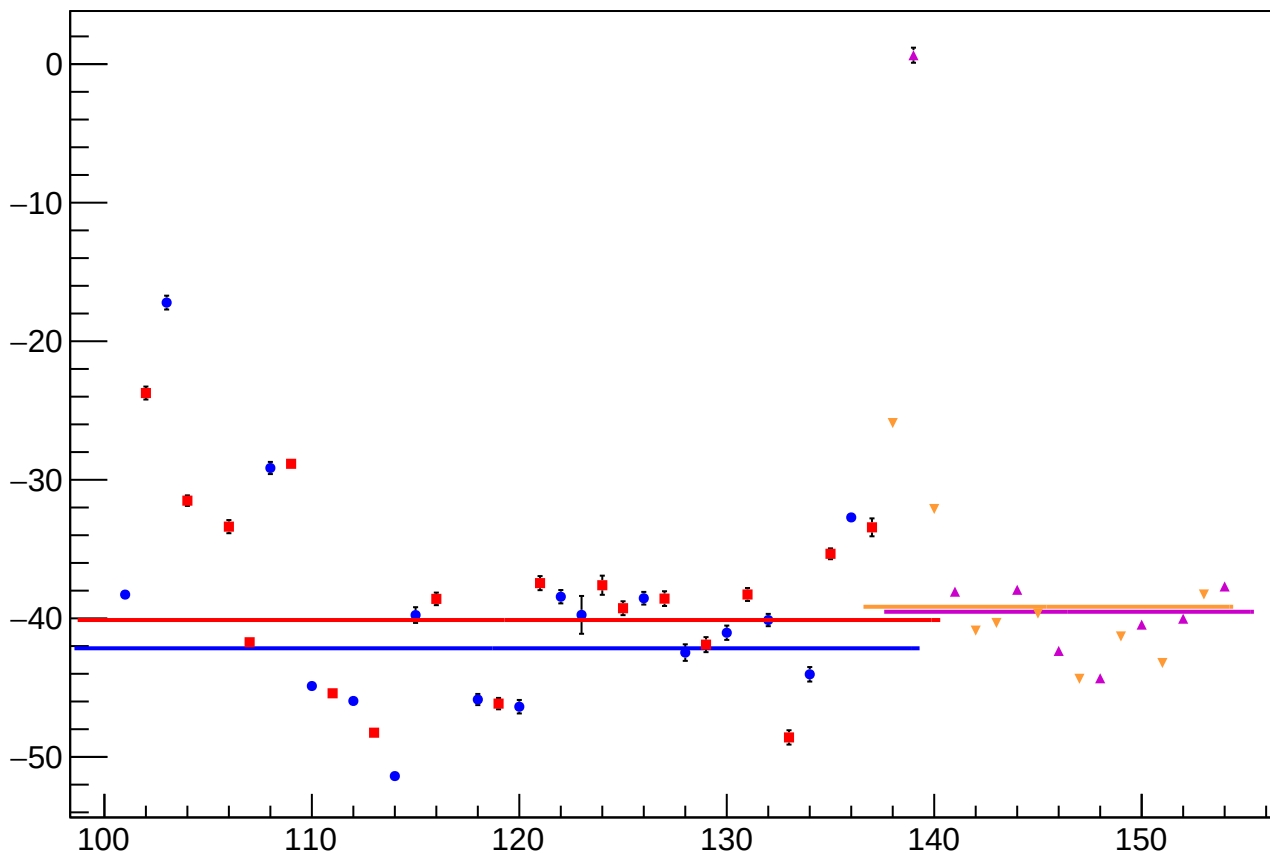
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.753 $\pm$ 0.097 χ^2 /NDF:4670.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.116 $\pm$ 0.105 χ^2 /NDF:1084.3/7

Left: 7.842 $\pm$ 0.071 χ^2 /NDF: 6026.7/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 9.116 $\pm$ 0.105 χ^2 /NDF:1084.3/7
 Out: 6.753 $\pm$ 0.097 χ^2 /NDF:4670.3/8
 All: 7.842 $\pm$ 0.071 χ^2 /NDF: 6026.7/16

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -39.163 ± 0.068 $\chi^2/\text{NDF}: 5496.6/8$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -39.524 ± 0.073 $\chi^2/\text{NDF}: 6642.8/7$

Left: -39.329 ± 0.050 $\chi^2/\text{NDF}: 12152.5/16$

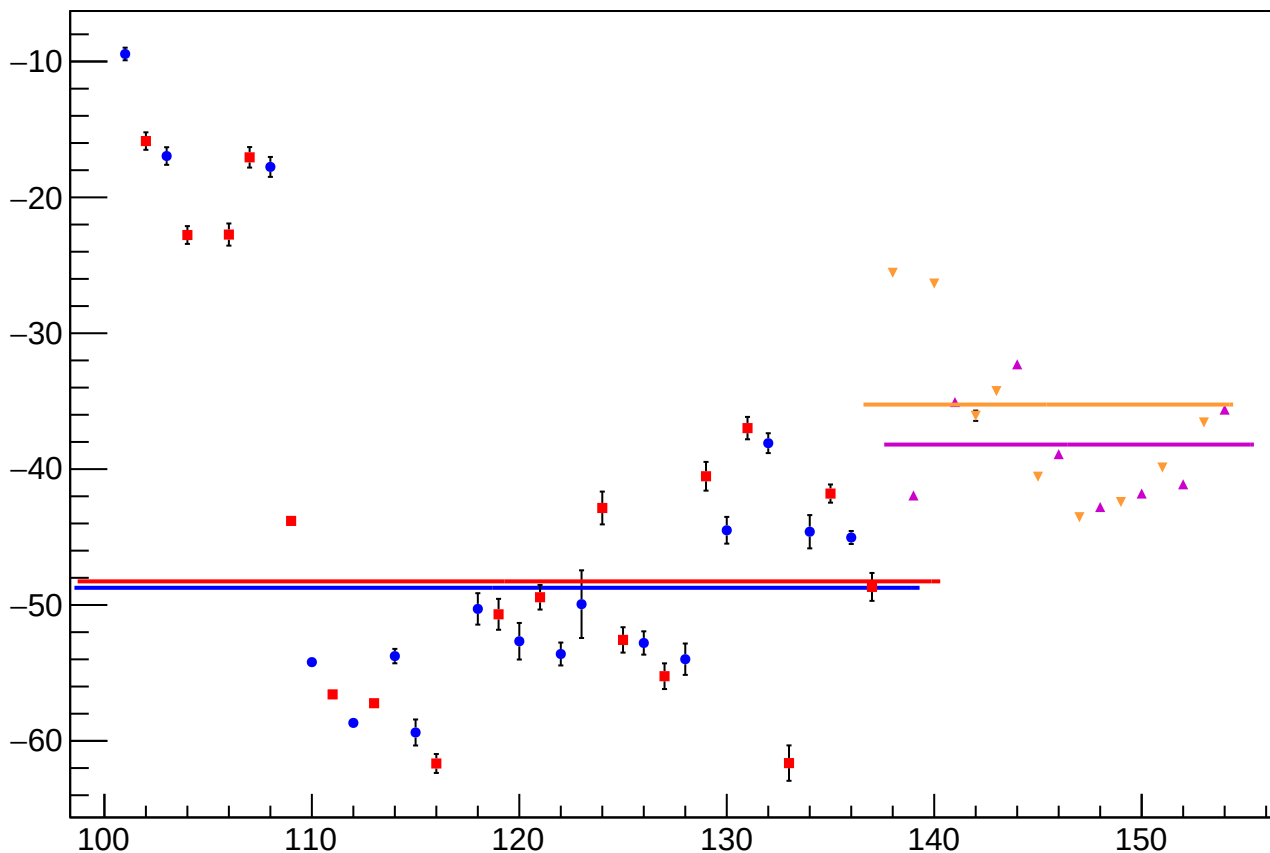
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.764 ± 0.053 $\chi^2/\text{NDF}: 13819.6/24$

Out: -39.606 ± 0.050 $\chi^2/\text{NDF}: 16473.9/26$

All: -40.141 ± 0.036 $\chi^2/\text{NDF}: 30546.0/51$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.248 ± 0.100 $\chi^2/\text{NDF}: 4215.4/8$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -38.192 ± 0.105 $\chi^2/\text{NDF}: 1284.7/7$

Left: -36.638 ± 0.072 $\chi^2/\text{NDF}: 5912.4/16$

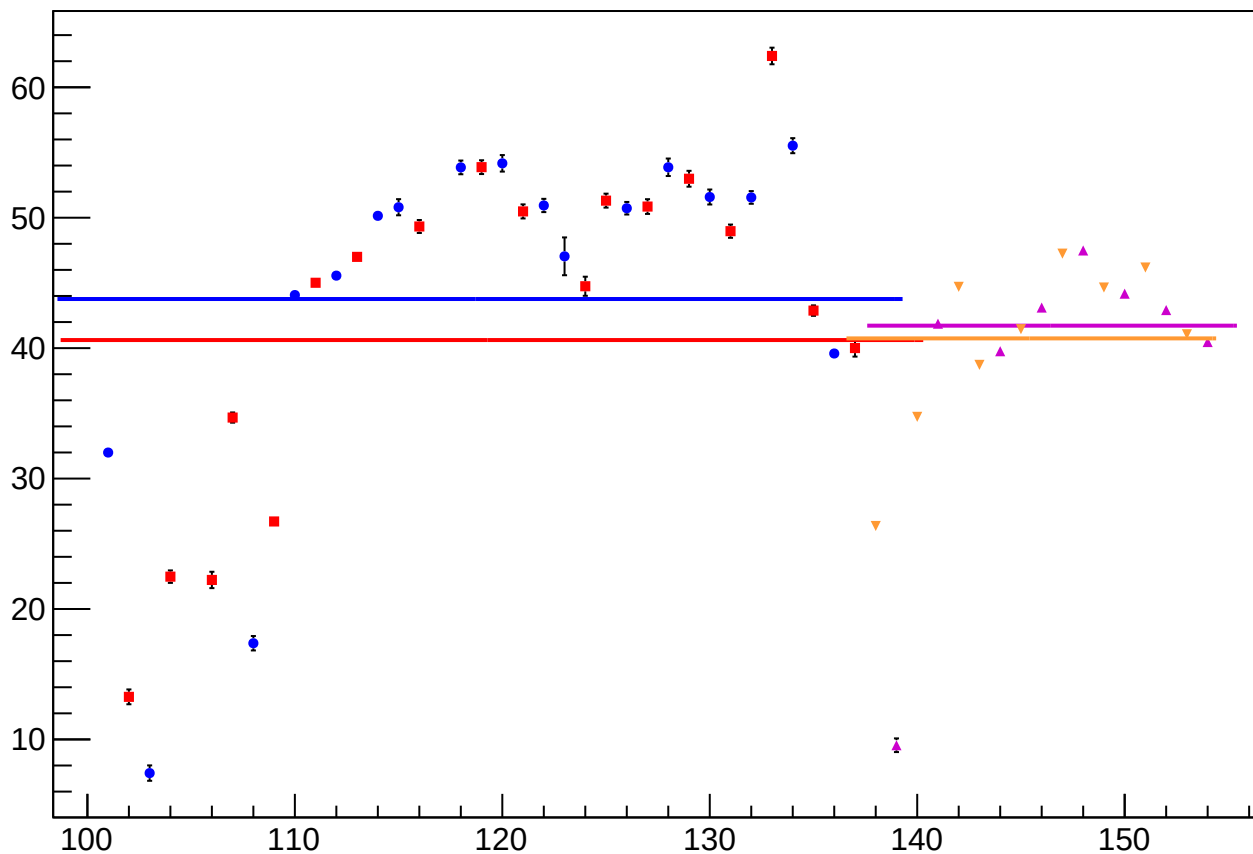
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -42.582 ± 0.080 $\chi^2/\text{NDF}: 20115.2/24$

Out: -41.263 ± 0.073 $\chi^2/\text{NDF}: 23196.5/26$

All: -41.859 ± 0.054 $\chi^2/\text{NDF}: 43459.1/51$

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: 40.747 $\pm$ 0.083 χ^2 /NDF:4646.0/8

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 41.724 $\pm$ 0.089 χ^2 /NDF:4578.6/7

Left: 41.197 $\pm$ 0.061 χ^2 /NDF: 9289.0/16

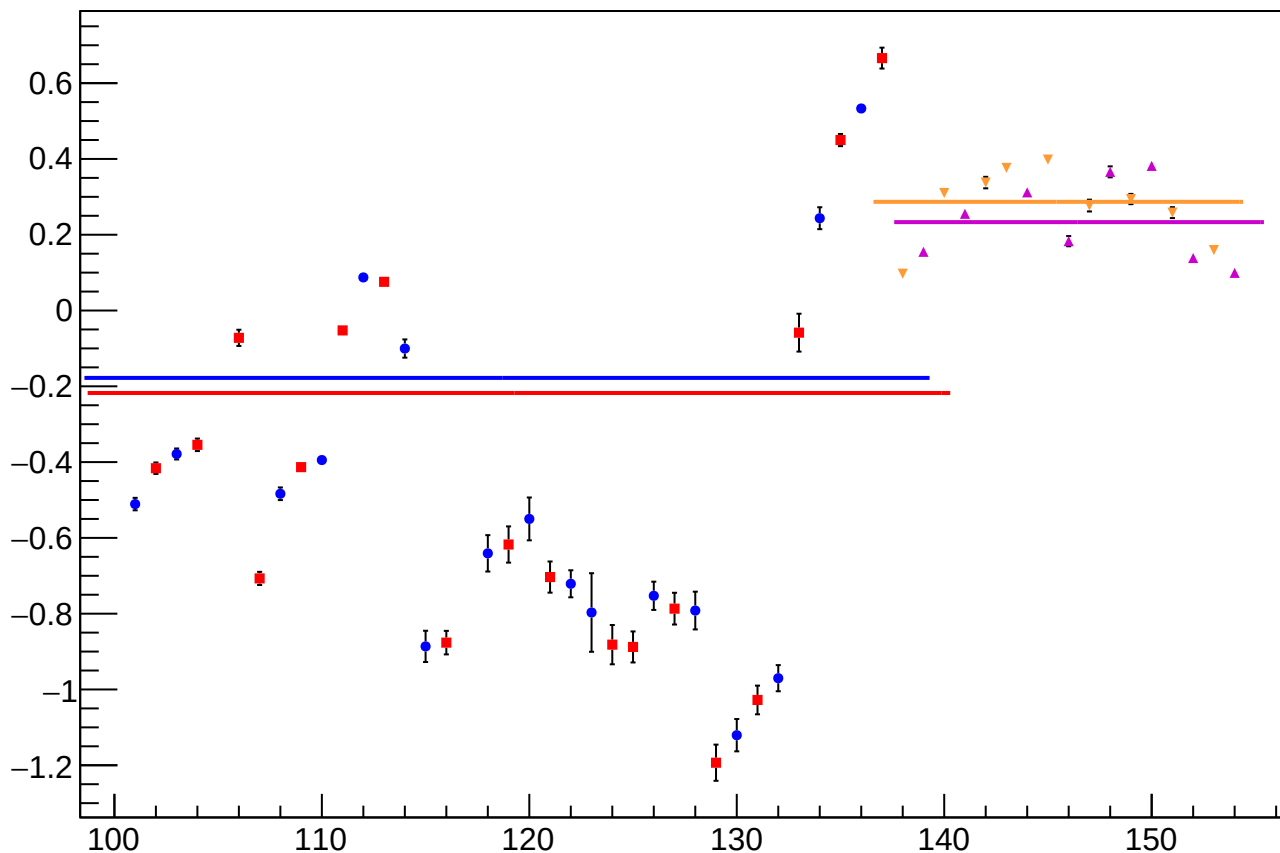
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.775 $\pm$ 0.062 χ^2 /NDF:15481.1/24

Out: 40.682 $\pm$ 0.058 χ^2 /NDF:21604.6/26

All: 41.646 $\pm$ 0.042 χ^2 /NDF: 37694.8/51

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.287 ± 0.004 χ^2/NDF : 560.6/8

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.233 ± 0.004 χ^2/NDF : 514.9/7

Left: 0.261 ± 0.003 χ^2/NDF : 1157.0/16

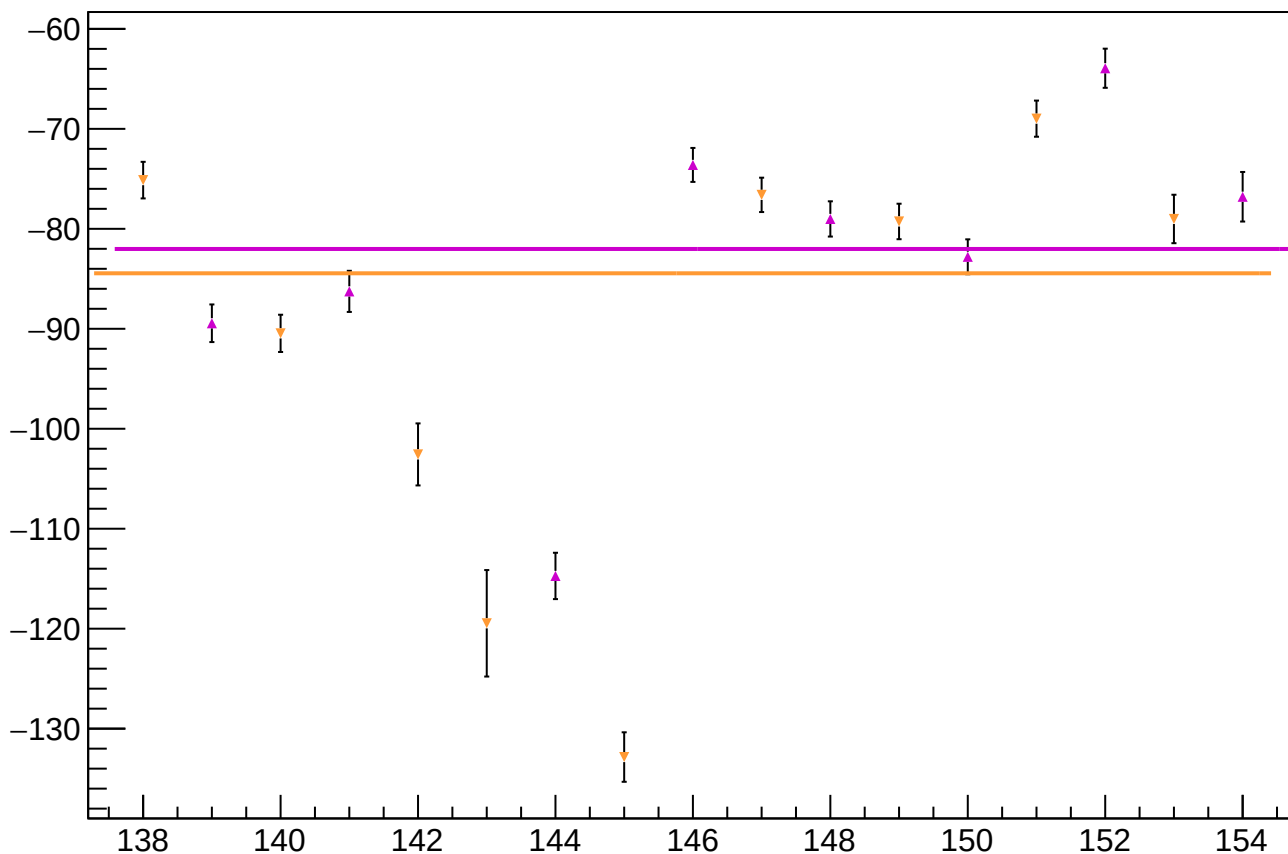
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.052 ± 0.003 χ^2/NDF : 11915.9/24

Out: 0.048 ± 0.003 χ^2/NDF : 15206.3/26

All: 0.050 ± 0.002 χ^2/NDF : 27123.4/51

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.449+/-0.703 χ^2/NDF :603.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.016+/-0.686 χ^2/NDF :336.3/7

Left: -83.202+/-0.491 χ^2/NDF : 945.8/16

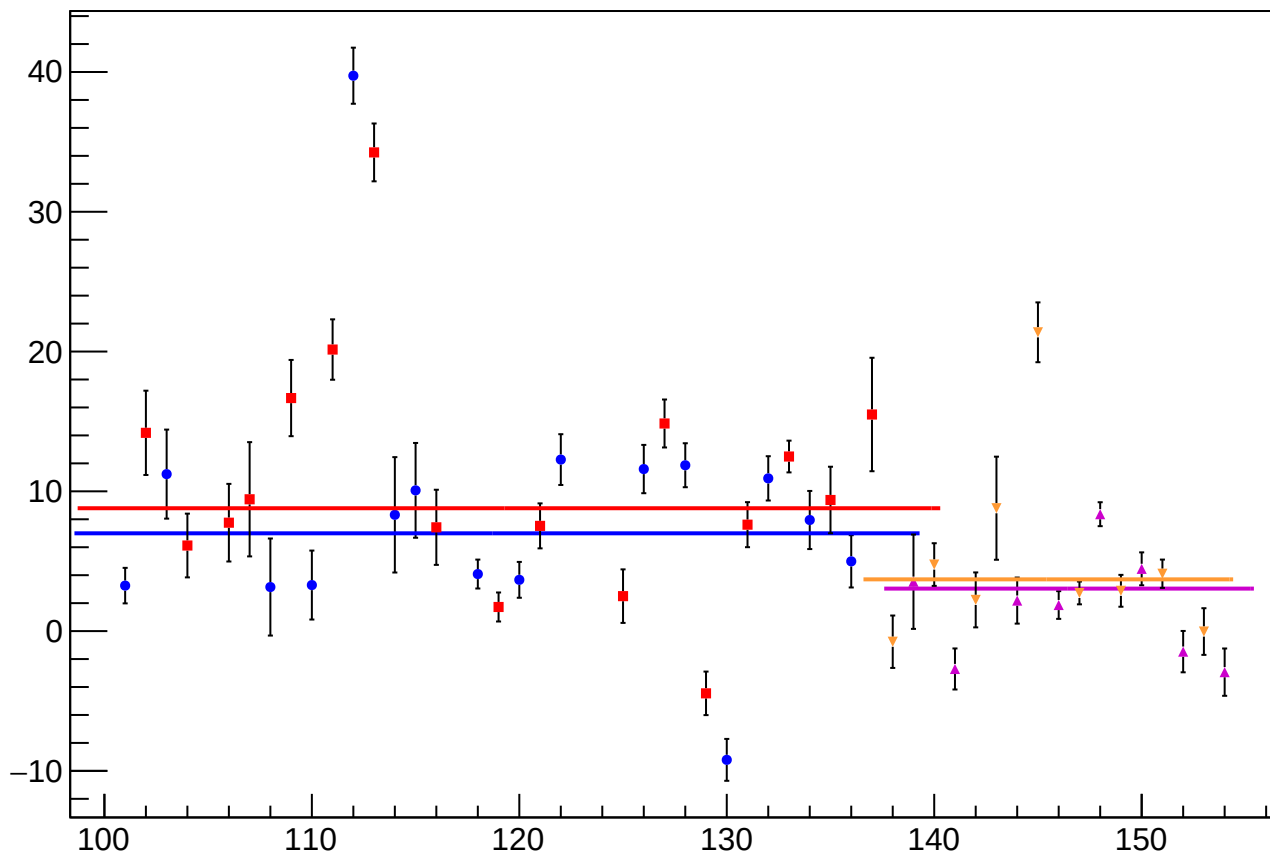
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.016+/-0.686 χ^2/NDF :336.3/7

Out: -84.449+/-0.703 χ^2/NDF :603.3/8

All: -83.202+/-0.491 χ^2/NDF : 945.8/16

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.702 ± 0.453 $\chi^2/\text{NDF}: 83.9/8$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.040 ± 0.455 $\chi^2/\text{NDF}: 78.9/7$

Left: 3.373 ± 0.321 $\chi^2/\text{NDF}: 163.9/16$

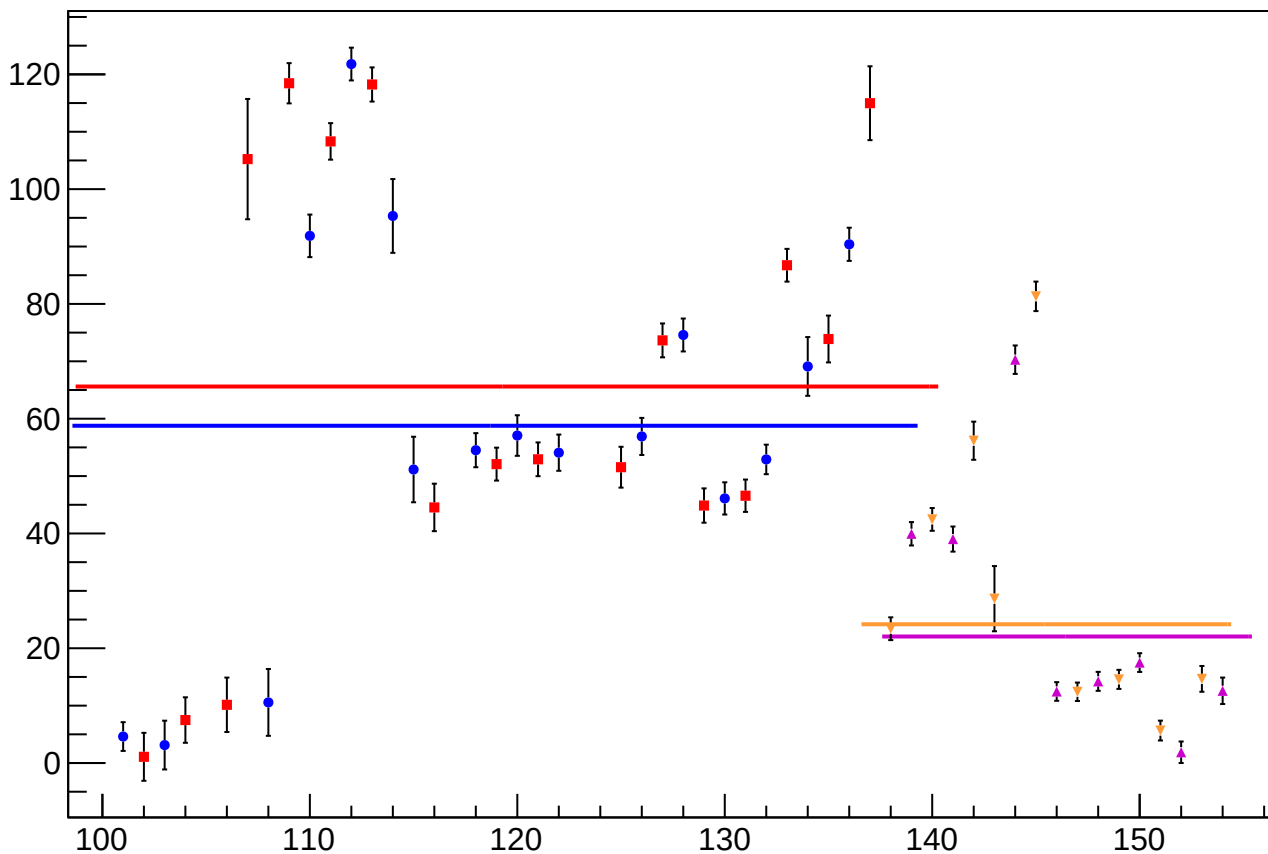
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.111 ± 0.314 $\chi^2/\text{NDF}: 563.8/23$

Out: 6.266 ± 0.319 $\chi^2/\text{NDF}: 496.4/25$

All: 5.680 ± 0.224 $\chi^2/\text{NDF}: 1066.8/49$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770+/-0.833 χ^2/NDF : 1493.3/15

Left Out: 24.180+/-0.696 χ^2/NDF : 893.1/8

Right Out: 65.606+/-0.845 χ^2/NDF : 1625.3/16

Left In: 22.046+/-0.673 χ^2/NDF : 713.6/7

Left: 23.078+/-0.484 χ^2/NDF : 1611.6/16

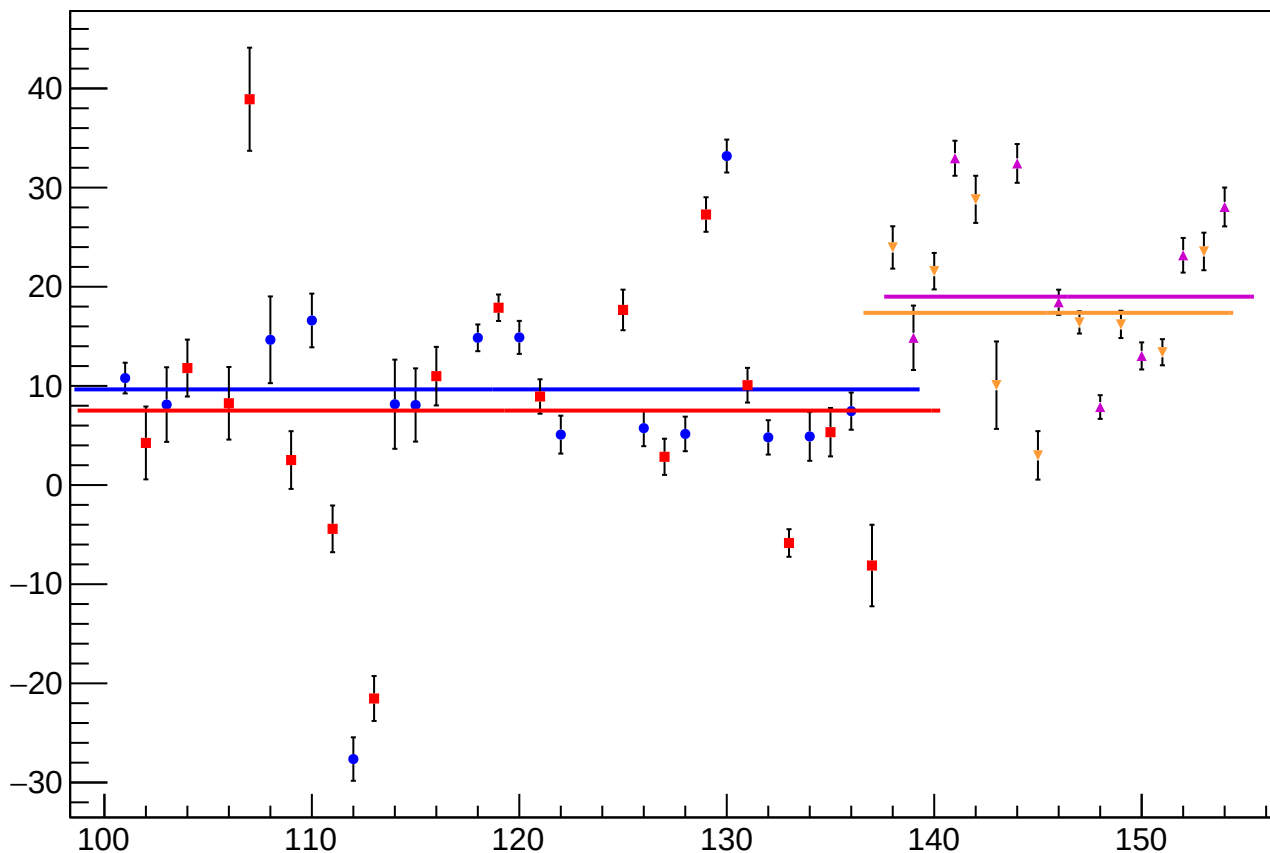
Right: 62.140+/-0.593 χ^2/NDF : 3151.9/32

In: 36.562+/-0.524 χ^2/NDF : 3382.5/23

Out: 40.926+/-0.537 χ^2/NDF : 3951.3/25

All: 38.689+/-0.375 χ^2/NDF : 7367.6/49

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 17.368 ± 0.569 $\chi^2/\text{NDF}: 96.4/8$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 19.000 ± 0.566 $\chi^2/\text{NDF}: 244.2/7$

Left: 18.188 ± 0.402 $\chi^2/\text{NDF}: 344.8/16$

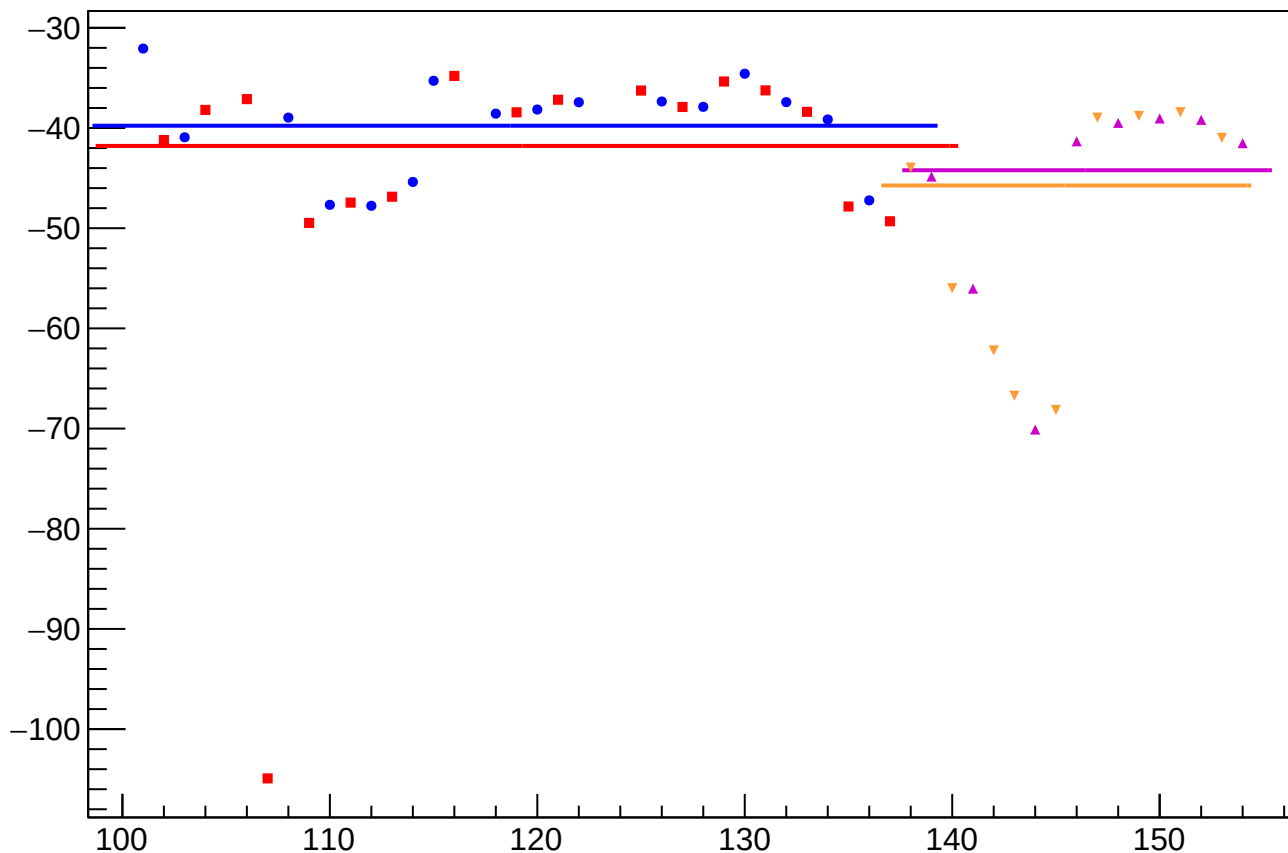
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 13.764 ± 0.376 $\chi^2/\text{NDF}: 950.5/23$

Out: 11.959 ± 0.383 $\chi^2/\text{NDF}: 825.1/25$

All: 12.878 ± 0.268 $\chi^2/\text{NDF}: 1786.9/49$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -45.734+/-0.029 χ^2/NDF : 117115.9/8

Right Out: -41.787+/-0.031 χ^2/NDF : 93008.7/16

Left In: -44.215+/-0.028 χ^2/NDF : 91614.6/7

Left: -44.929+/-0.020 χ^2/NDF : 210163.1/16

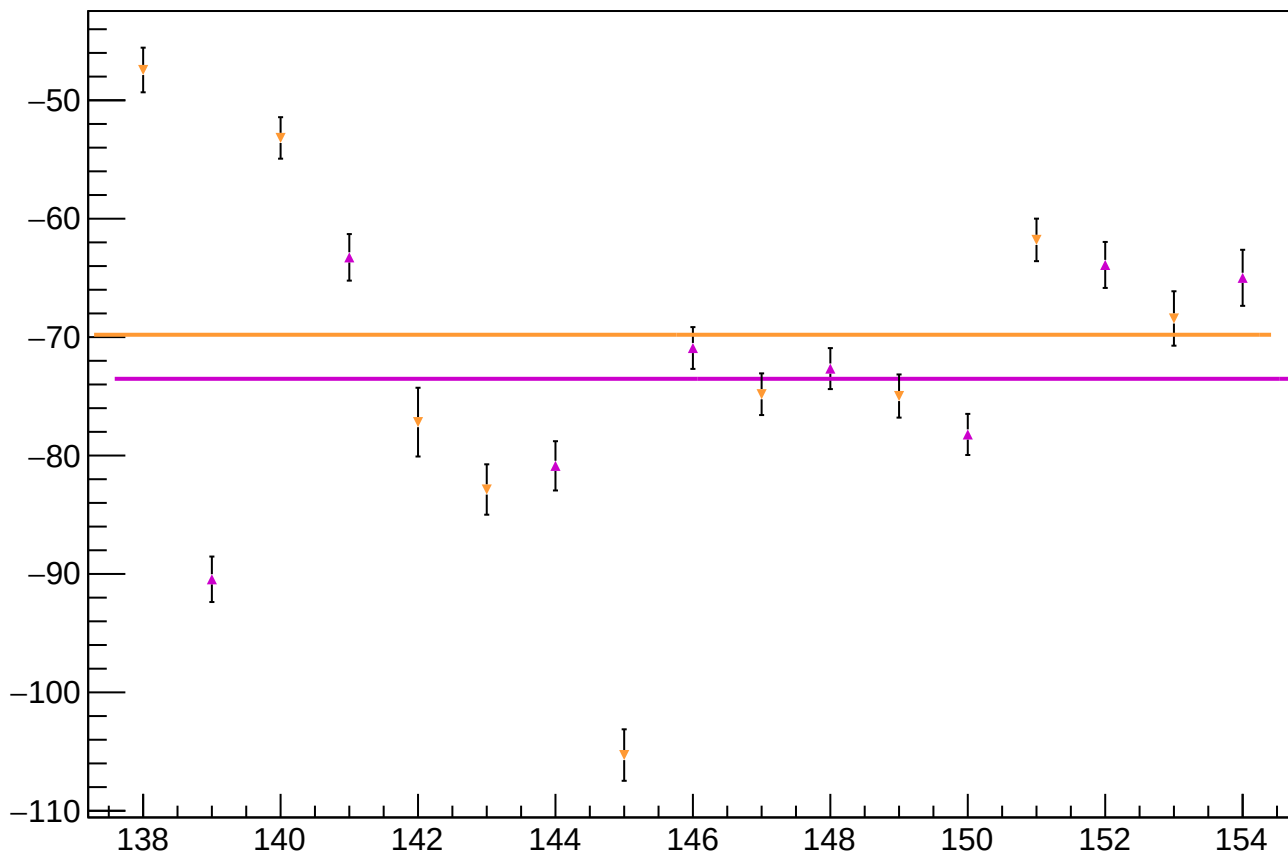
Right: -40.769+/-0.022 χ^2/NDF : 121265.0/32

In: -42.264+/-0.021 χ^2/NDF : 129238.9/23

Out: -43.902+/-0.021 χ^2/NDF : 218590.0/25

All: -43.052+/-0.015 χ^2/NDF : 350871.1/49

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.800+/-0.662 χ^2/NDF :577.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.520+/-0.676 χ^2/NDF :164.7/7

Left: -71.623+/-0.473 χ^2/NDF : 758.1/16

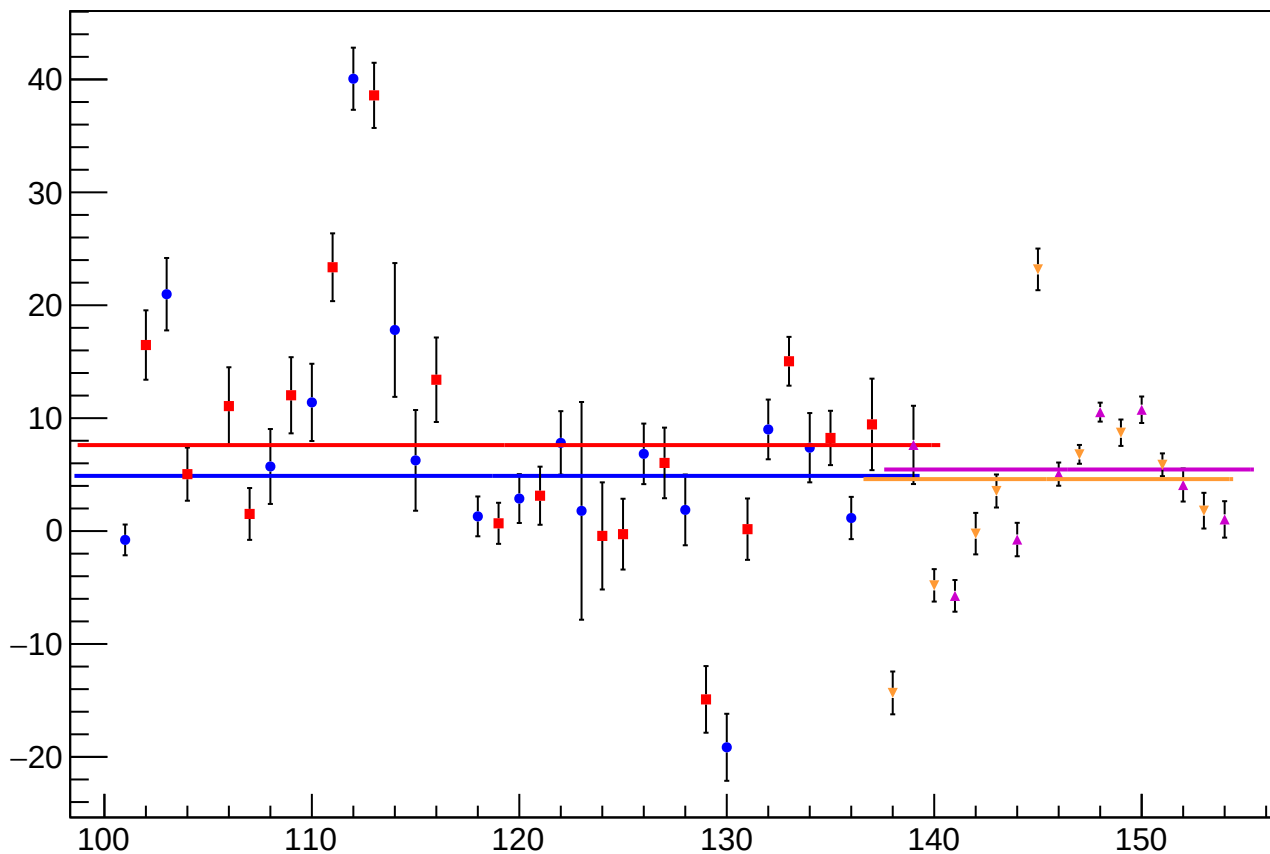
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.520+/-0.676 χ^2/NDF :164.7/7

Out: -69.800+/-0.662 χ^2/NDF :577.9/8

All: -71.623+/-0.473 χ^2/NDF : 758.1/16

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.602 ± 0.431 χ^2/NDF : 275.4/8

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 5.454 ± 0.448 χ^2/NDF : 147.1/7

Left: 5.013 ± 0.311 χ^2/NDF : 424.4/16

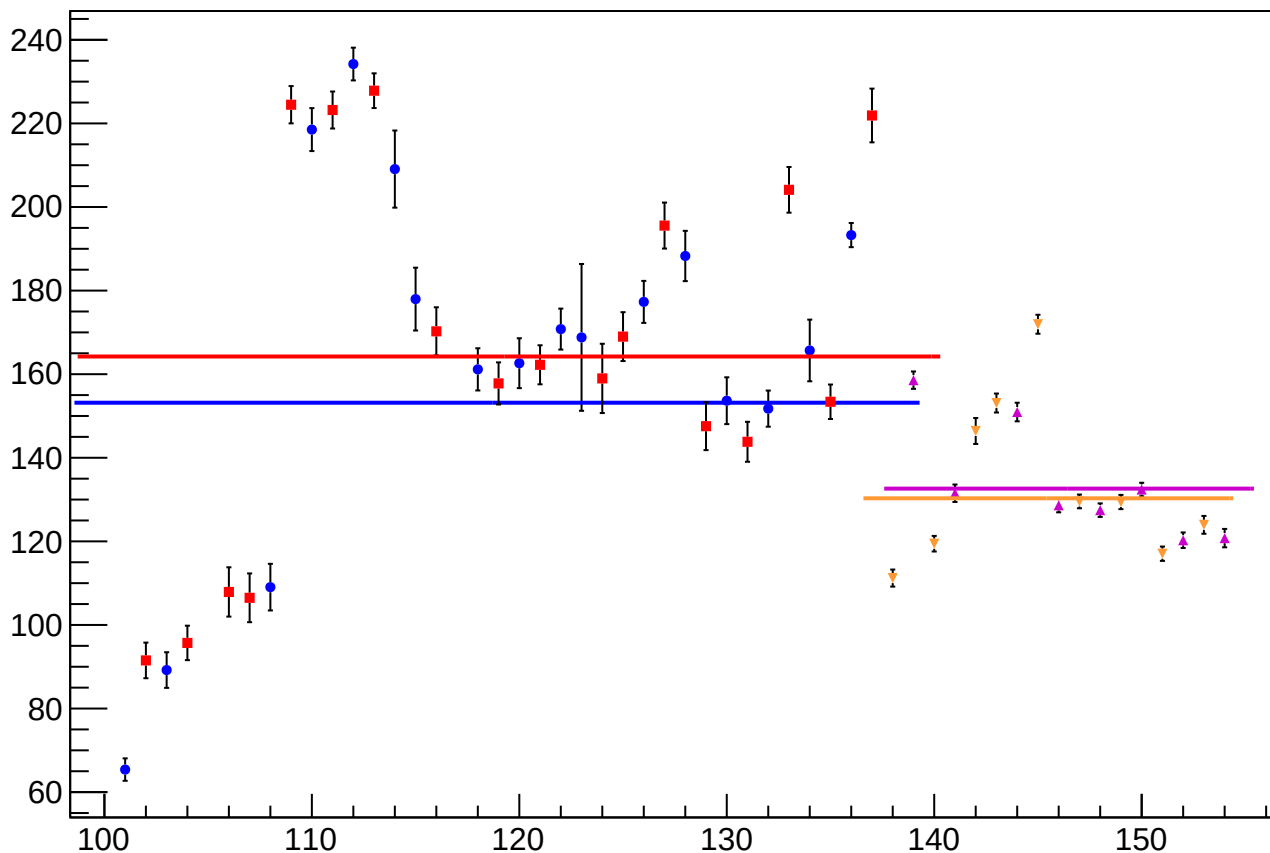
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 5.261 ± 0.363 χ^2/NDF : 442.4/24

Out: 5.519 ± 0.360 χ^2/NDF : 559.4/26

All: 5.391 ± 0.256 χ^2/NDF : 1002.0/51

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 130.301 $\pm$ 0.660 χ^2 /NDF: 654.7/8

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 132.618 $\pm$ 0.664 χ^2 /NDF: 312.7/7

Left: 131.453 $\pm$ 0.468 χ^2 /NDF: 973.6/16

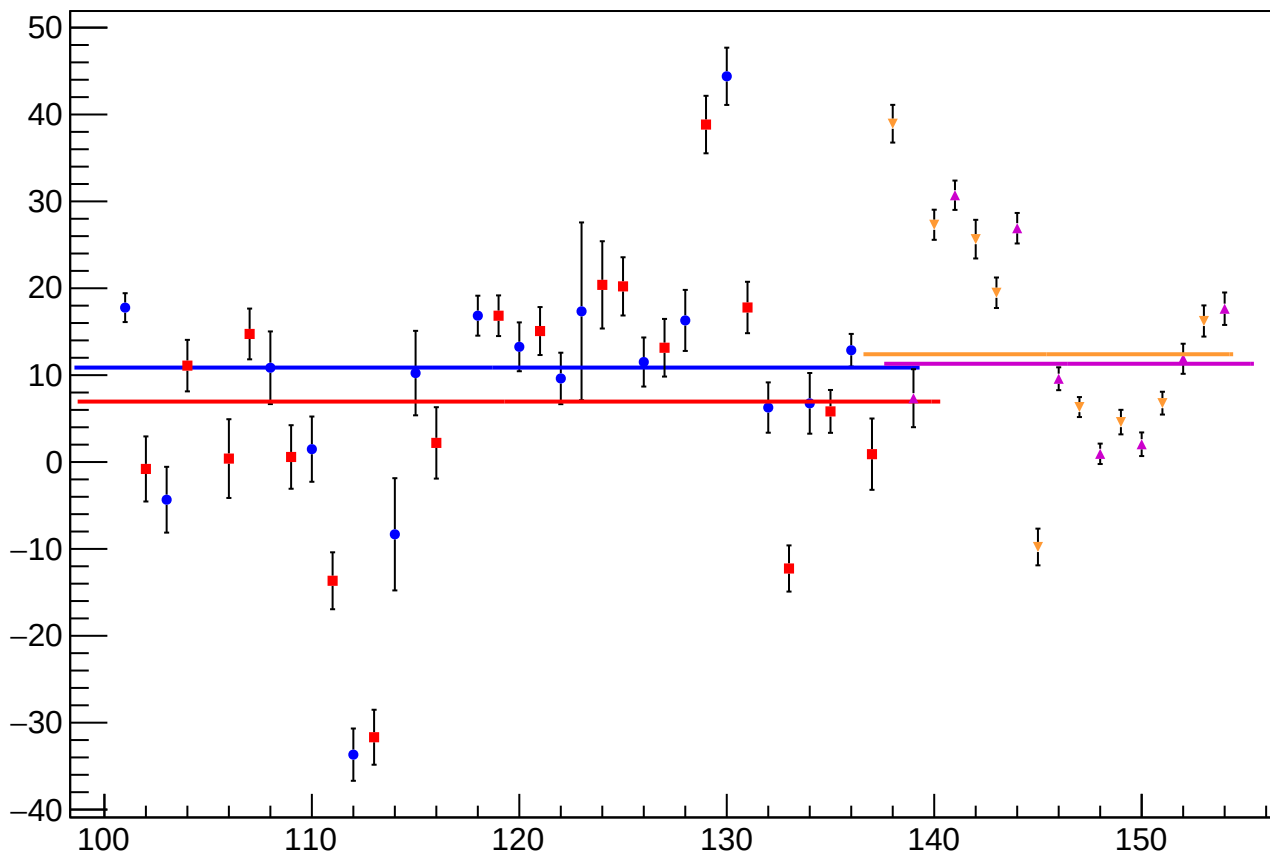
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 137.781 $\pm$ 0.575 χ^2 /NDF: 2817.8/24

Out: 138.360 $\pm$ 0.577 χ^2 /NDF: 2836.6/26

All: 138.069 $\pm$ 0.407 χ^2 /NDF: 5654.9/51

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 12.406 $\pm$ 0.539 χ^2 /NDF:466.8/8

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 11.310 $\pm$ 0.556 χ^2 /NDF:350.1/7

Left: 11.876 $\pm$ 0.387 χ^2 /NDF: 818.9/16

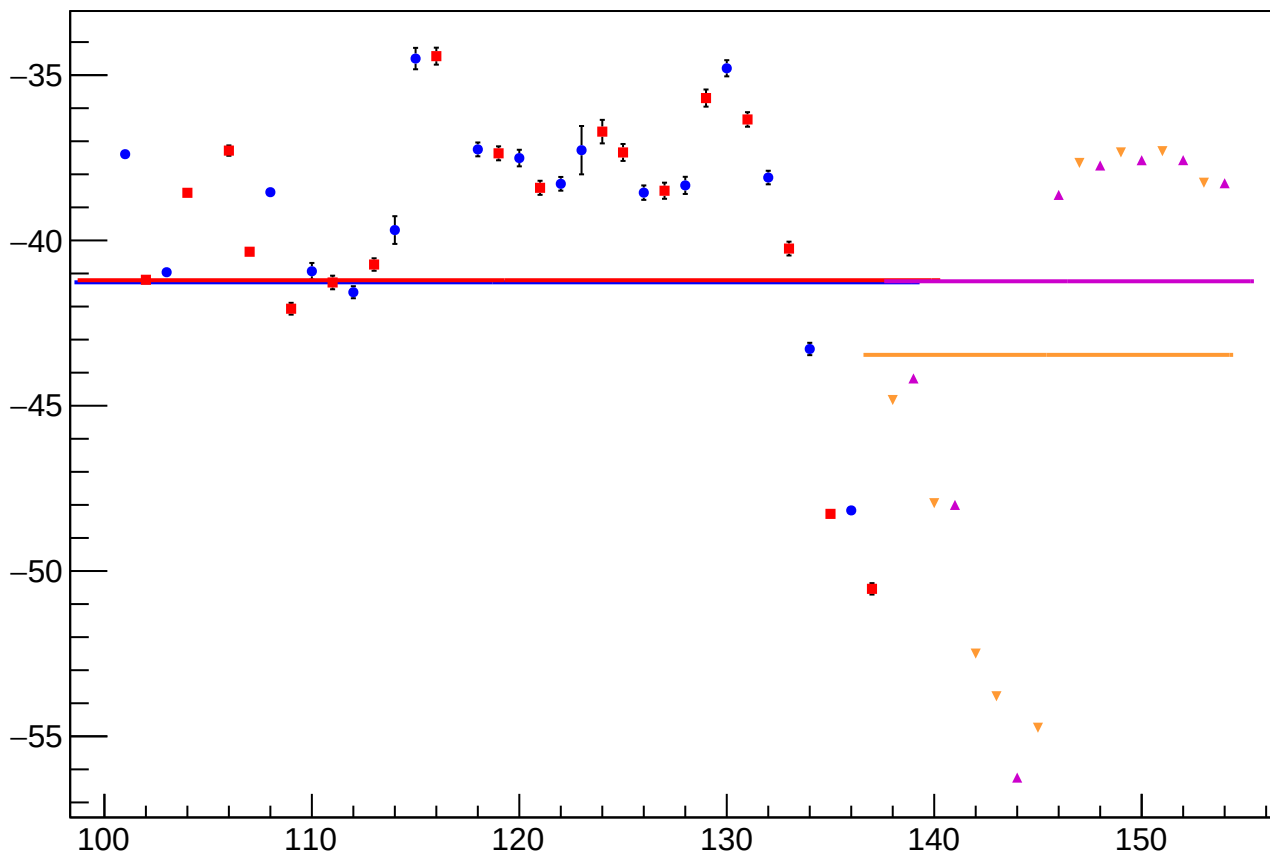
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 11.145 $\pm$ 0.439 χ^2 /NDF:737.0/24

Out: 10.549 $\pm$ 0.437 χ^2 /NDF:923.9/26

All: 10.846 $\pm$ 0.310 χ^2 /NDF: 1661.9/51

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -43.462+/-0.028 χ^2/NDF : 61173.5/8

Right Out: -41.204+/-0.039 χ^2/NDF : 12008.6/17

Left In: -41.236+/-0.027 χ^2/NDF : 42155.0/7

Left: -42.330+/-0.019 χ^2/NDF : 106641.5/16

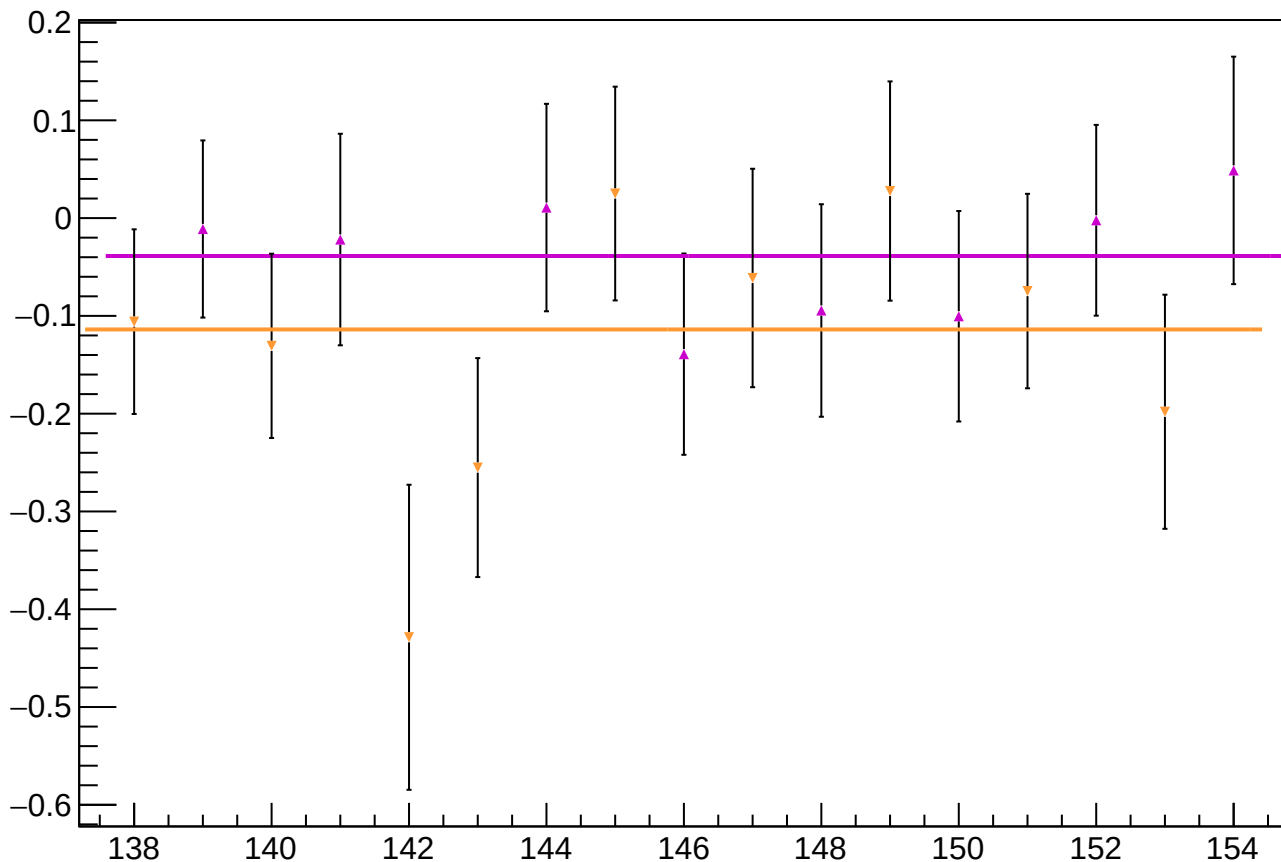
Right: -41.236+/-0.027 χ^2/NDF : 24591.7/34

In: -41.246+/-0.022 χ^2/NDF : 54737.2/24

Out: -42.705+/-0.022 χ^2/NDF : 75428.6/26

All: -41.965+/-0.016 χ^2/NDF : 132300.5/51

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.114+/-0.036 χ^2/NDF : 9.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.039+/-0.037 χ^2/NDF : 2.6/7

Left: -0.077+/-0.026 χ^2/NDF : 14.5/16

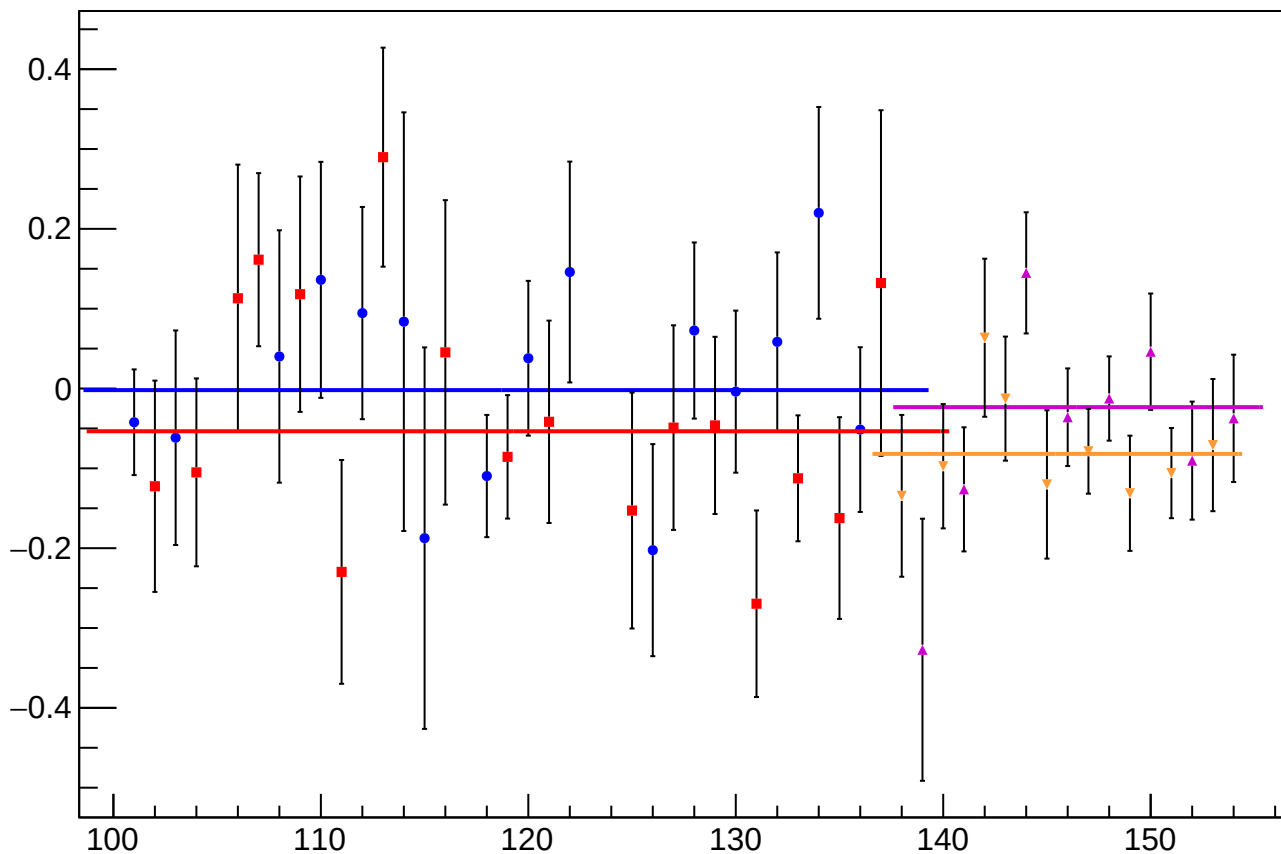
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.039+/-0.037 χ^2/NDF : 2.6/7

Out: -0.114+/-0.036 χ^2/NDF : 9.8/8

All: -0.077+/-0.026 χ^2/NDF : 14.5/16

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.082 ± 0.025 χ^2/NDF : 4.1/8

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.023 ± 0.026 χ^2/NDF : 11.9/7

Left: -0.054 ± 0.018 χ^2/NDF : 18.8/16

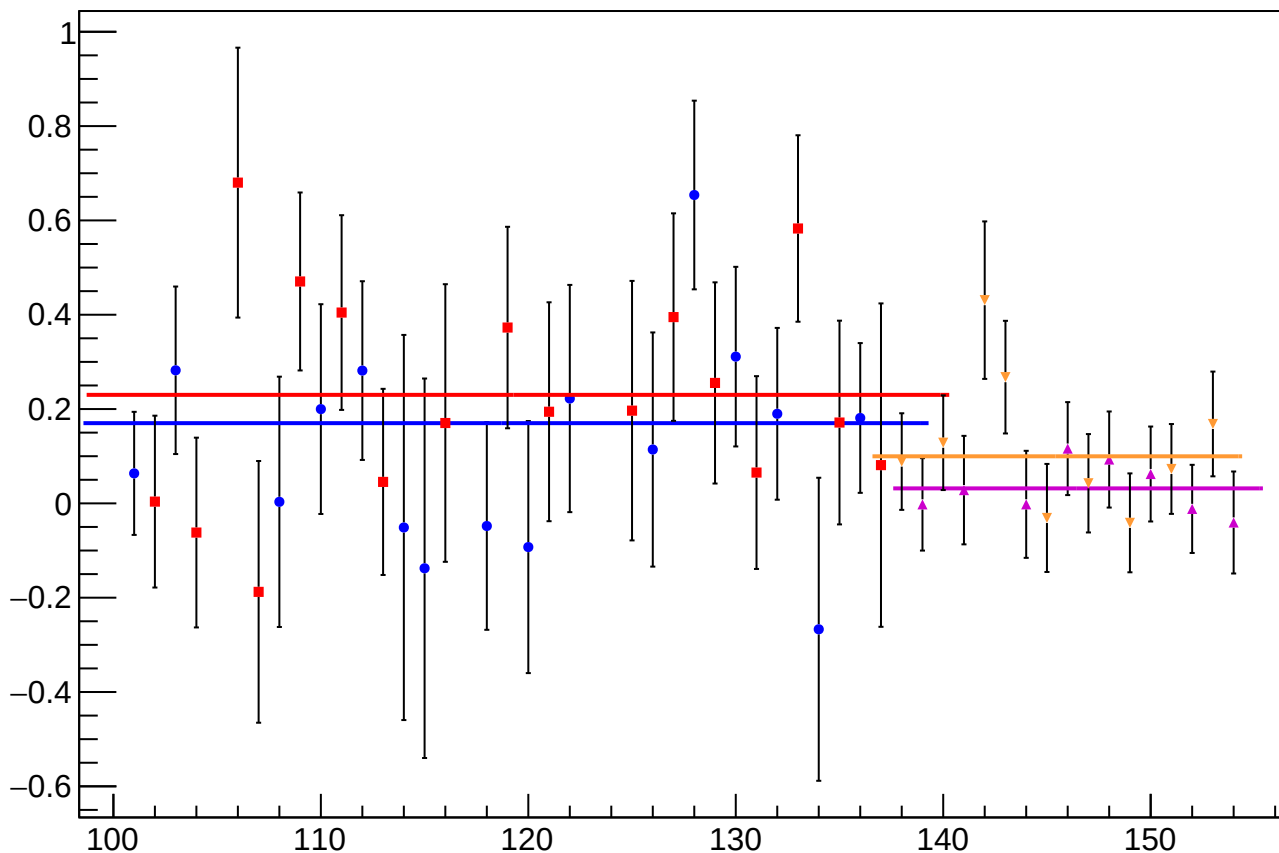
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.014 ± 0.019 χ^2/NDF : 24.3/23

Out: -0.070 ± 0.019 χ^2/NDF : 25.6/25

All: -0.042 ± 0.013 χ^2/NDF : 54.4/49

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.100 ± 0.036 $\chi^2/\text{NDF}: 9.9/8$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.032 ± 0.036 $\chi^2/\text{NDF}: 2.1/7$

Left: 0.066 ± 0.026 $\chi^2/\text{NDF}: 13.7/16$

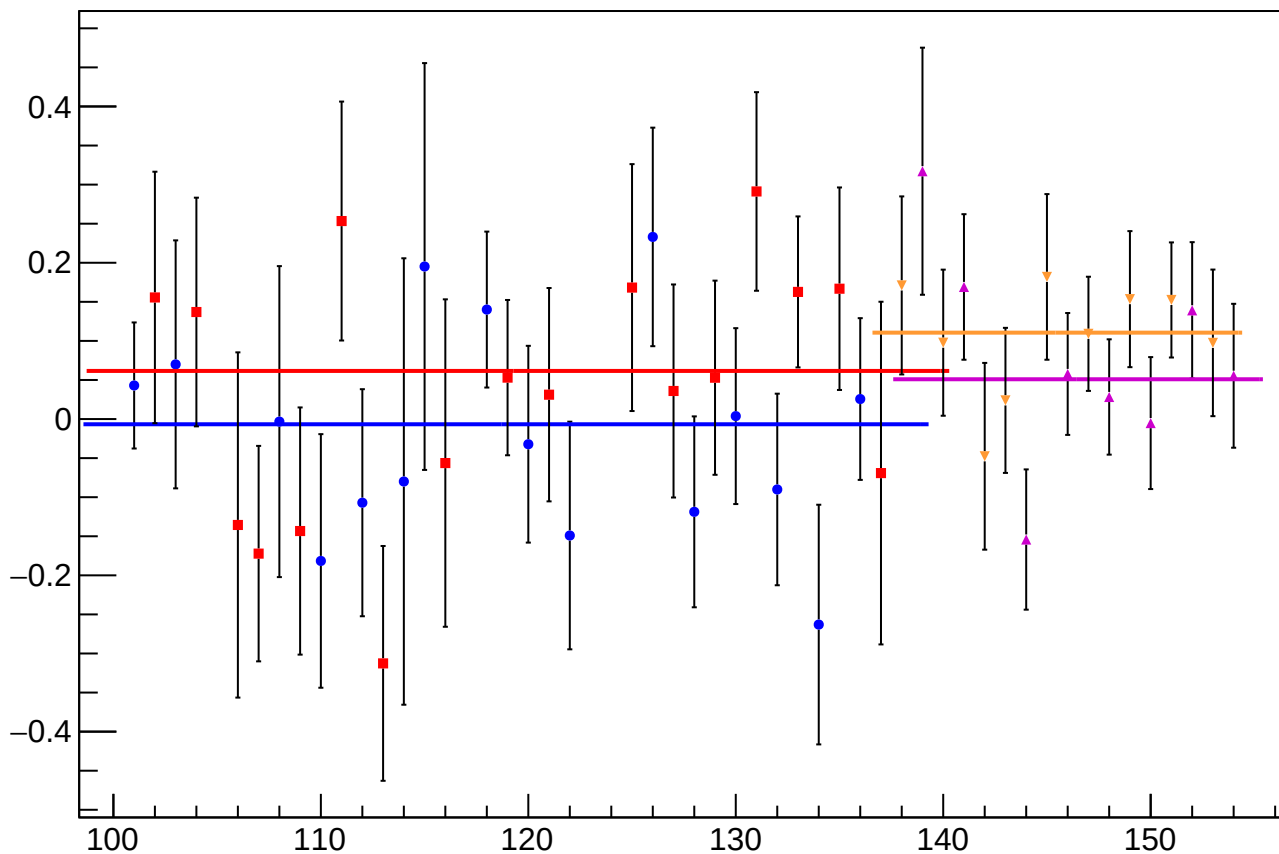
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.077 ± 0.030 $\chi^2/\text{NDF}: 19.8/23$

Out: 0.141 ± 0.030 $\chi^2/\text{NDF}: 30.7/25$

All: 0.108 ± 0.021 $\chi^2/\text{NDF}: 52.7/49$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.111 ± 0.030 $\chi^2/\text{NDF}: 4.0/8$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.051 ± 0.031 $\chi^2/\text{NDF}: 11.2/7$

Left: 0.082 ± 0.022 $\chi^2/\text{NDF}: 17.1/16$

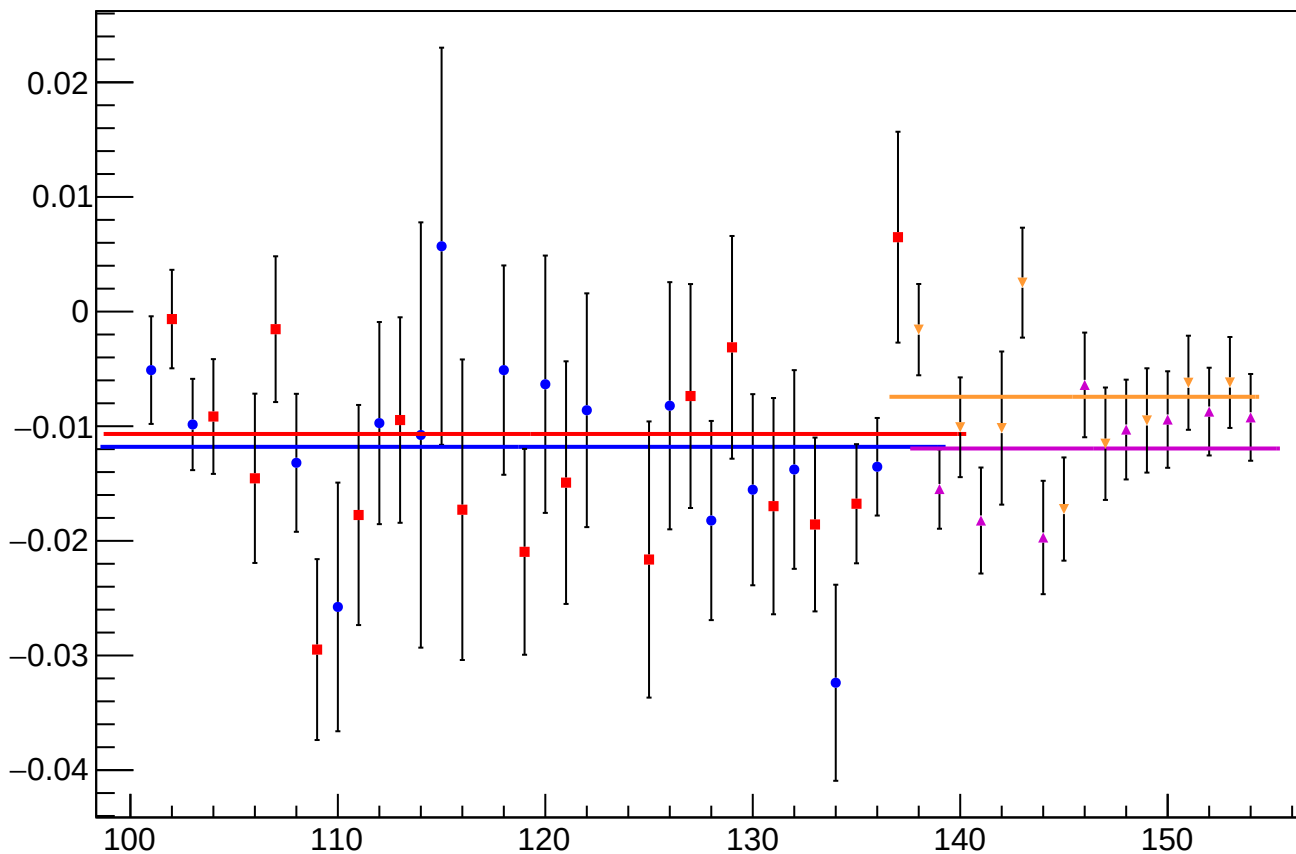
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.023 ± 0.023 $\chi^2/\text{NDF}: 26.1/23$

Out: 0.089 ± 0.023 $\chi^2/\text{NDF}: 25.1/25$

All: 0.056 ± 0.016 $\chi^2/\text{NDF}: 55.4/49$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.002 χ^2/NDF : 12.8/8

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.012 ± 0.001 χ^2/NDF : 8.6/7

Left: -0.010 ± 0.001 χ^2/NDF : 26.0/16

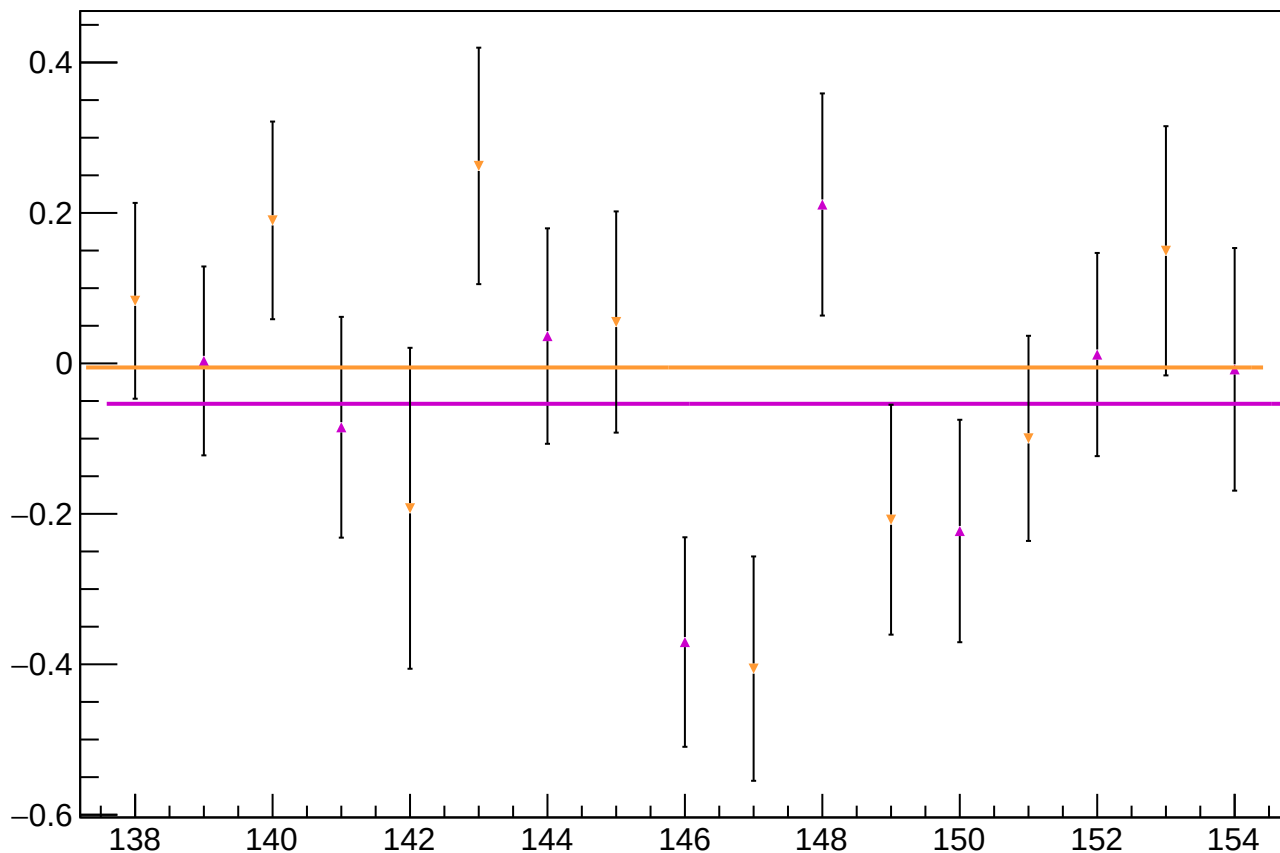
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.012 ± 0.001 χ^2/NDF : 21.4/23

Out: -0.009 ± 0.001 χ^2/NDF : 38.5/25

All: -0.010 ± 0.001 χ^2/NDF : 63.6/49

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.005+/-0.050 χ^2/NDF :16.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.054+/-0.050 χ^2/NDF :10.7/7

Left: -0.029+/-0.035 χ^2/NDF : 28.0/16

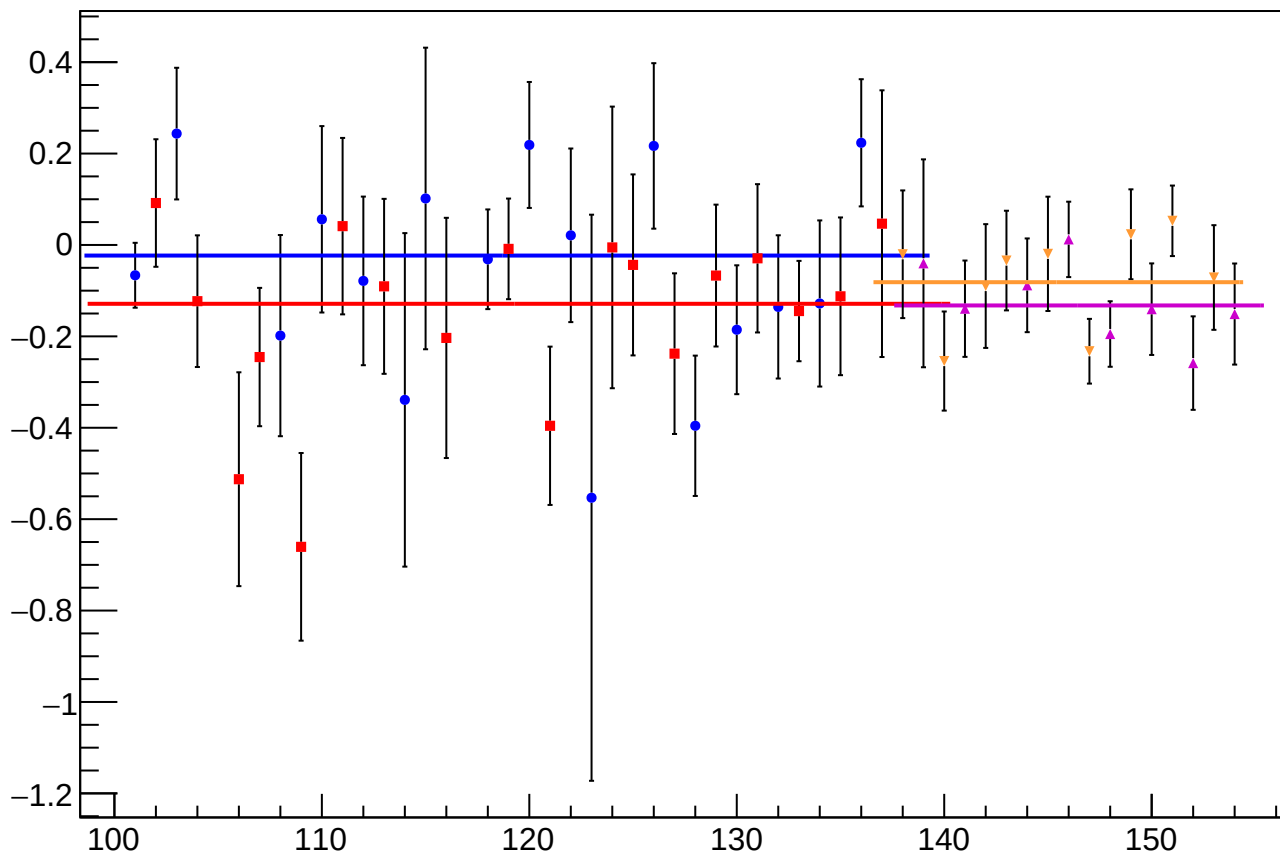
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.050 χ^2/NDF :10.7/7

Out: -0.005+/-0.050 χ^2/NDF :16.8/8

All: -0.029+/-0.035 χ^2/NDF : 28.0/16

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.081 ± 0.034 χ^2/NDF : 11.9/8

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.132 ± 0.035 χ^2/NDF : 5.7/7

Left: -0.106 ± 0.024 χ^2/NDF : 18.7/16

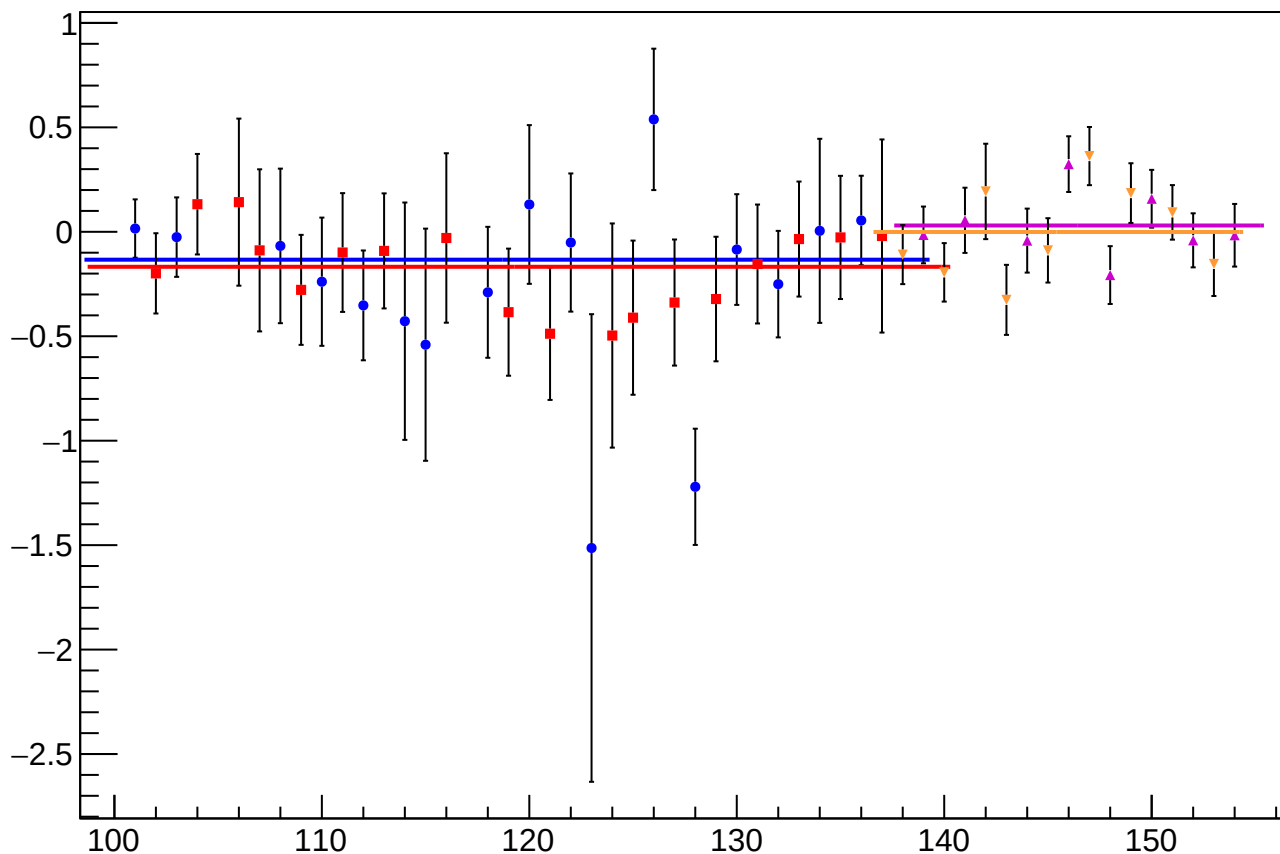
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.080 ± 0.025 χ^2/NDF : 32.8/24

Out: -0.101 ± 0.026 χ^2/NDF : 31.3/26

All: -0.091 ± 0.018 χ^2/NDF : 64.5/51

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.001 ± 0.050 χ^2/NDF : 17.3/8

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.030 ± 0.050 χ^2/NDF : 9.4/7

Left: 0.015 ± 0.035 χ^2/NDF : 26.9/16

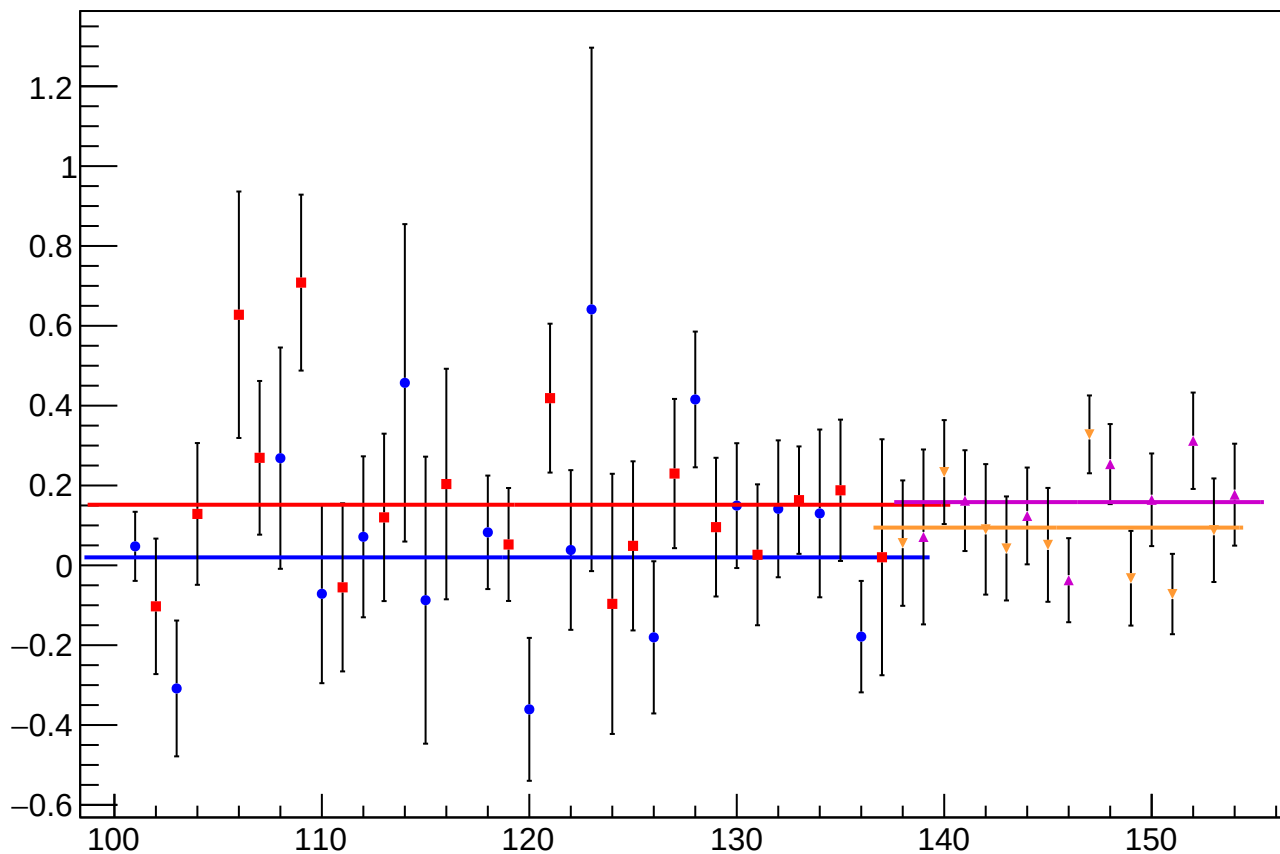
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.028 ± 0.040 χ^2/NDF : 39.0/24

Out: -0.056 ± 0.041 χ^2/NDF : 27.1/26

All: -0.042 ± 0.029 χ^2/NDF : 66.4/51

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: 0.095 $\pm$ 0.042 χ^2 /NDF:11.1/8

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.158 $\pm$ 0.043 χ^2 /NDF:6.2/7

Left: 0.125 $\pm$ 0.030 χ^2 /NDF: 18.5/16

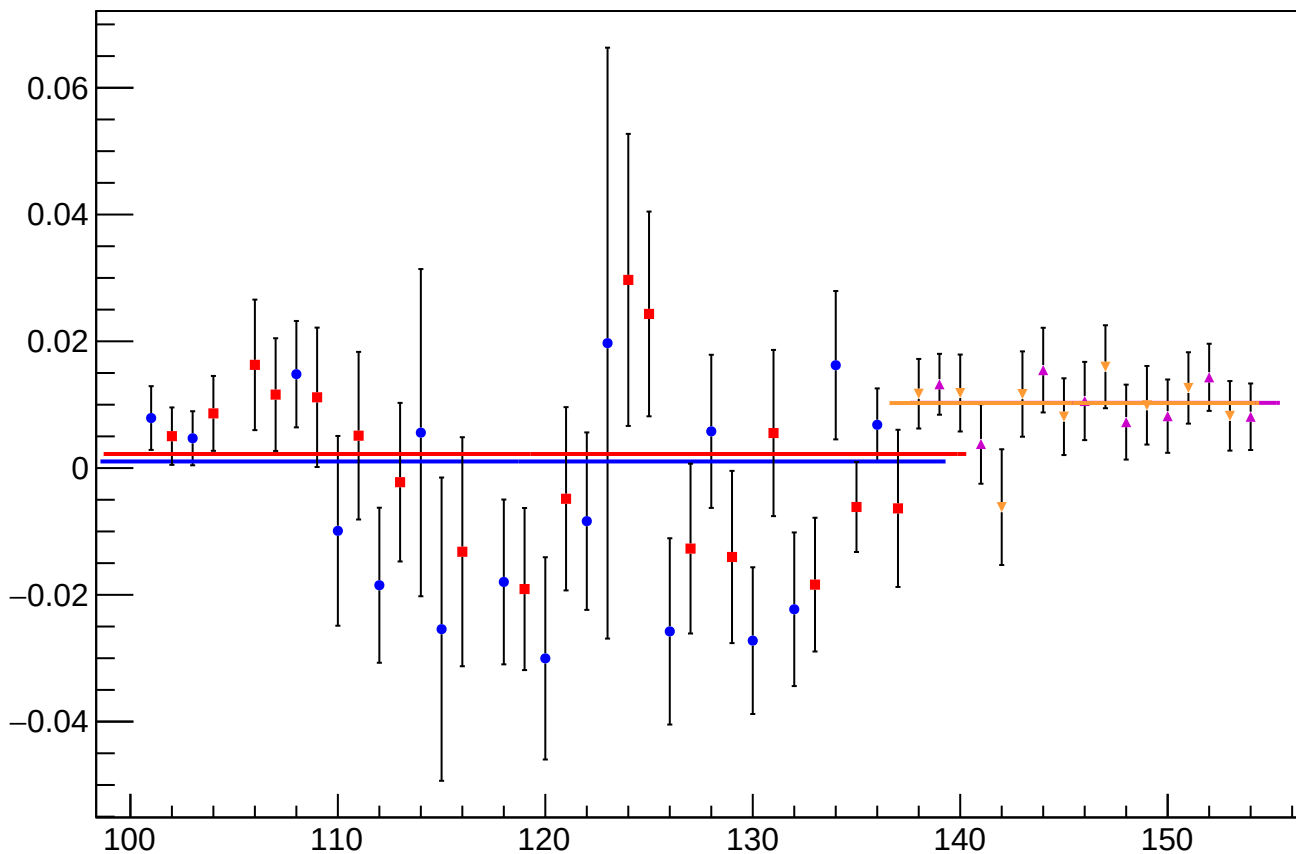
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.088 $\pm$ 0.030 χ^2 /NDF:33.3/24

Out: 0.121 $\pm$ 0.031 χ^2 /NDF:28.7/26

All: 0.104 $\pm$ 0.021 χ^2 /NDF: 62.6/51

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 ± 0.002 χ^2/NDF : 32.0/16

Left Out: 0.010 ± 0.002 χ^2/NDF : 4.6/8

Right Out: 0.002 ± 0.002 χ^2/NDF : 20.8/17

Left In: 0.010 ± 0.002 χ^2/NDF : 3.2/7

Left: 0.010 ± 0.001 χ^2/NDF : 7.8/16

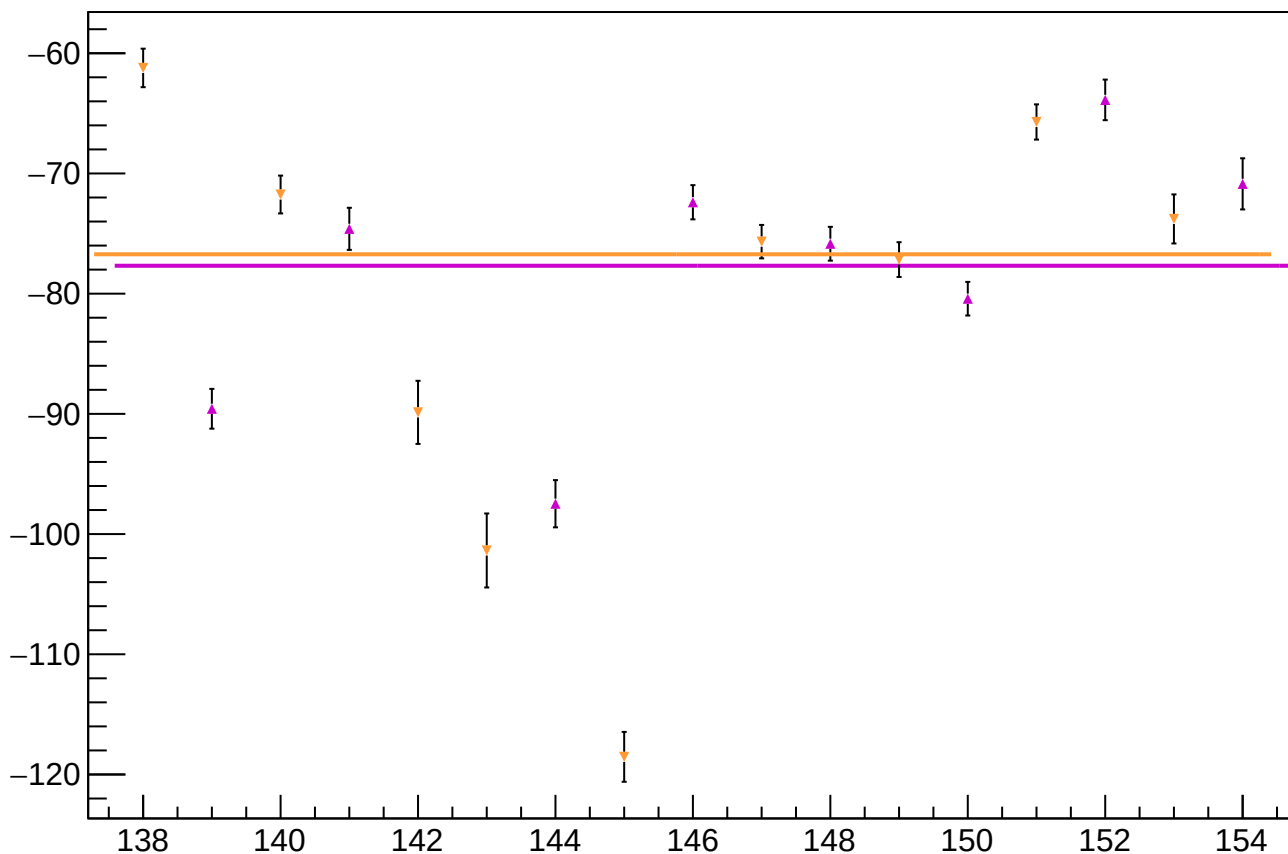
Right: 0.002 ± 0.002 χ^2/NDF : 53.0/34

In: 0.006 ± 0.001 χ^2/NDF : 44.7/24

Out: 0.007 ± 0.002 χ^2/NDF : 32.3/26

All: 0.006 ± 0.001 χ^2/NDF : 77.1/51

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -76.724+/-0.580 χ^2/NDF :657.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -77.677+/-0.574 χ^2/NDF :252.8/7

Left: -77.205+/-0.408 χ^2/NDF : 911.9/16

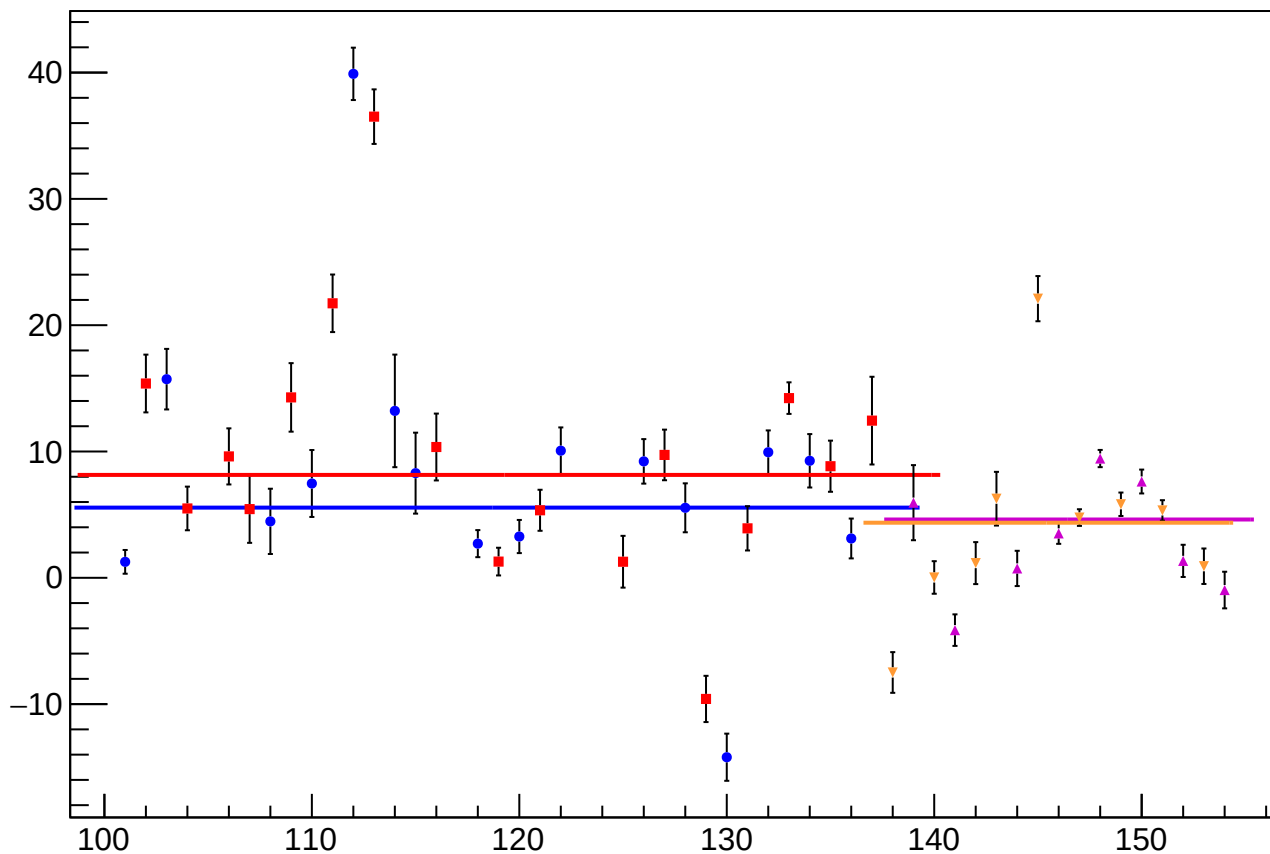
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.677+/-0.574 χ^2/NDF :252.8/7

Out: -76.724+/-0.580 χ^2/NDF :657.8/8

All: -77.205+/-0.408 χ^2/NDF : 911.9/16

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 χ^2/NDF : 462.0/15

Left Out: 4.362 ± 0.368 χ^2/NDF : 178.7/8

Right Out: 8.146 ± 0.454 χ^2/NDF : 406.8/16

Left In: 4.616 ± 0.375 χ^2/NDF : 140.5/7

Left: 4.487 ± 0.263 χ^2/NDF : 319.5/16

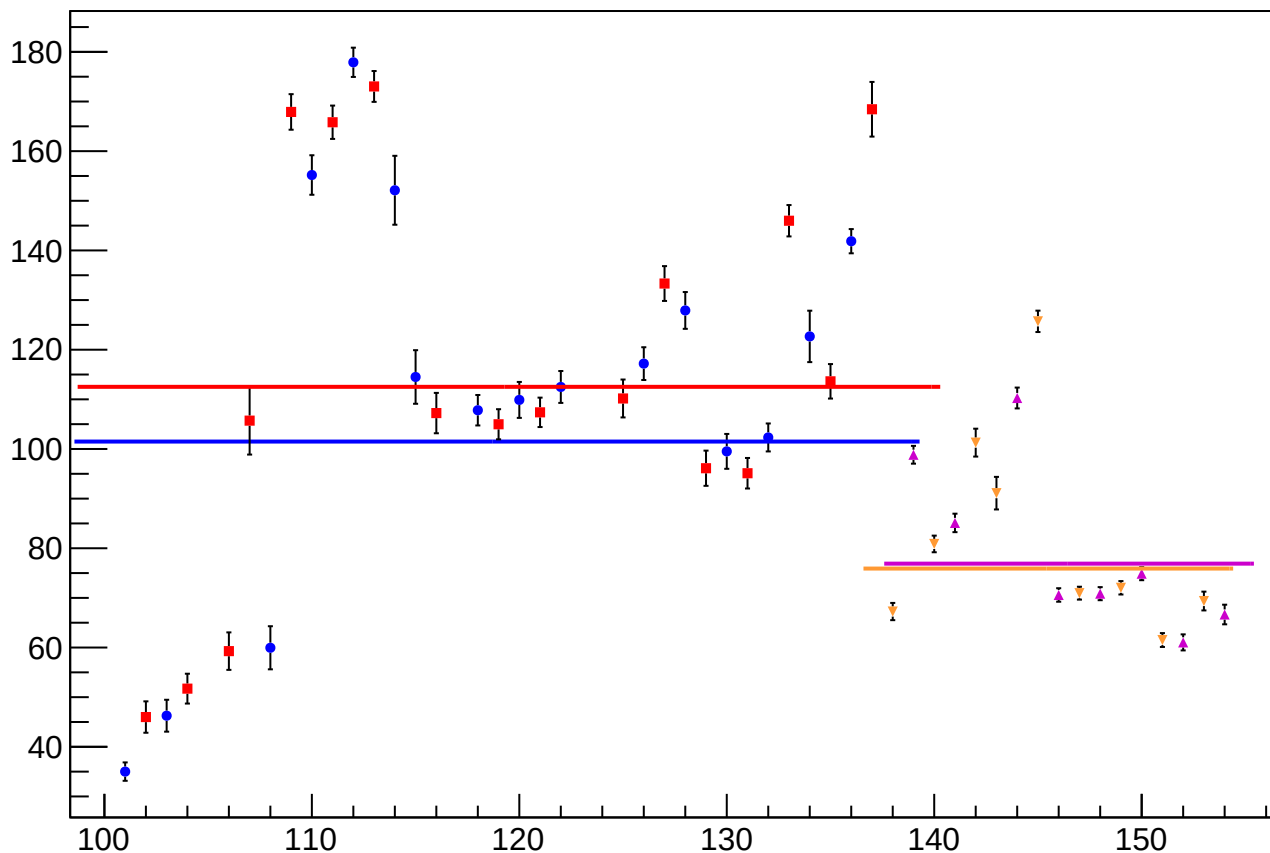
Right: 6.763 ± 0.310 χ^2/NDF : 886.1/32

In: 5.030 ± 0.281 χ^2/NDF : 605.3/23

Out: 5.862 ± 0.286 χ^2/NDF : 627.3/25

All: 5.439 ± 0.200 χ^2/NDF : 1237.0/49

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2/NDF : 2973.0/15

Left Out: 75.909 $\pm$ 0.572 χ^2/NDF : 811.8/8

Right Out: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

Left In: 76.901 $\pm$ 0.562 χ^2/NDF : 589.7/7

Left: 76.414 $\pm$ 0.401 χ^2/NDF : 1403.0/16

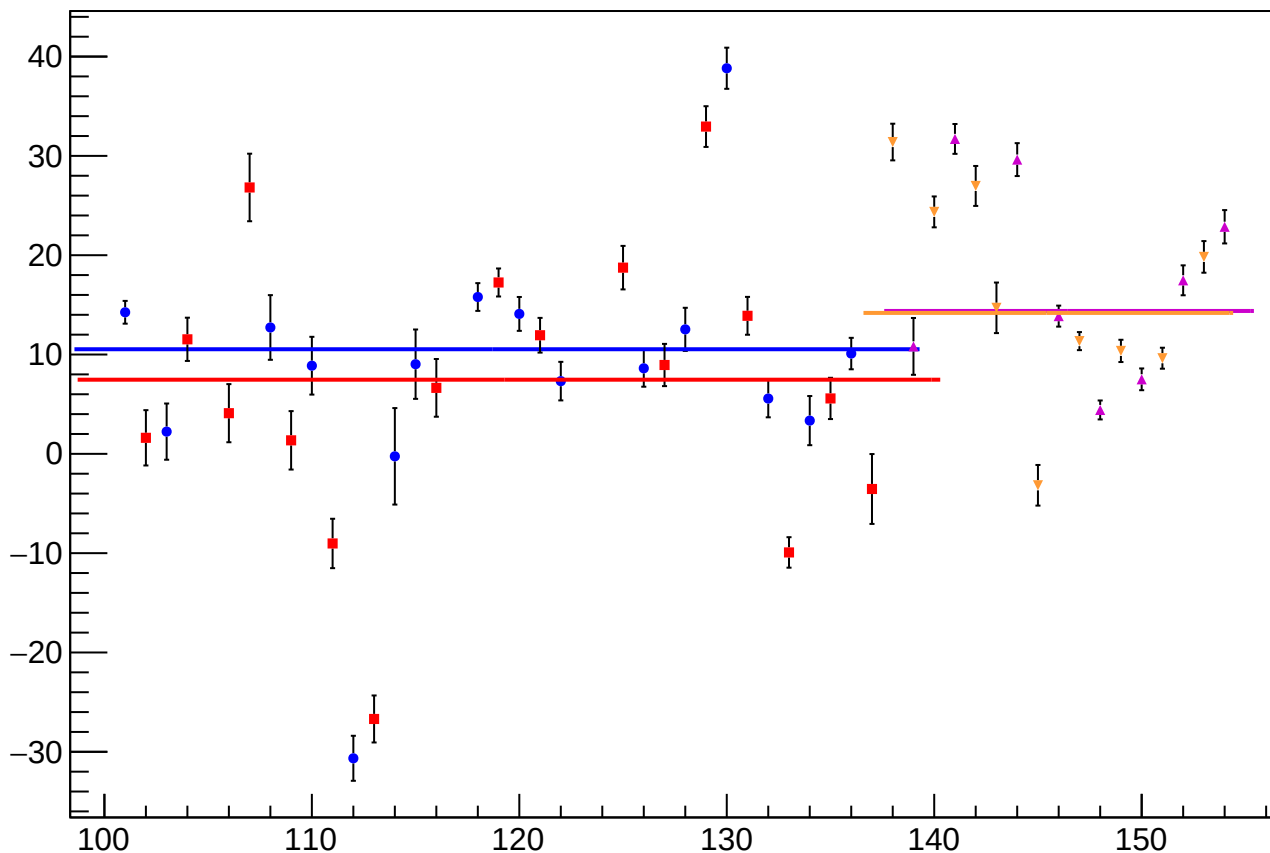
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 84.919 $\pm$ 0.461 χ^2/NDF : 4186.8/23

Out: 87.456 $\pm$ 0.474 χ^2/NDF : 4339.4/25

All: 86.154 $\pm$ 0.330 χ^2/NDF : 8540.9/49

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 14.189 ± 0.464 $\chi^2/\text{NDF}: 294.7/8$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 14.387 ± 0.469 $\chi^2/\text{NDF}: 397.8/7$

Left: 14.287 ± 0.330 $\chi^2/\text{NDF}: 692.5/16$

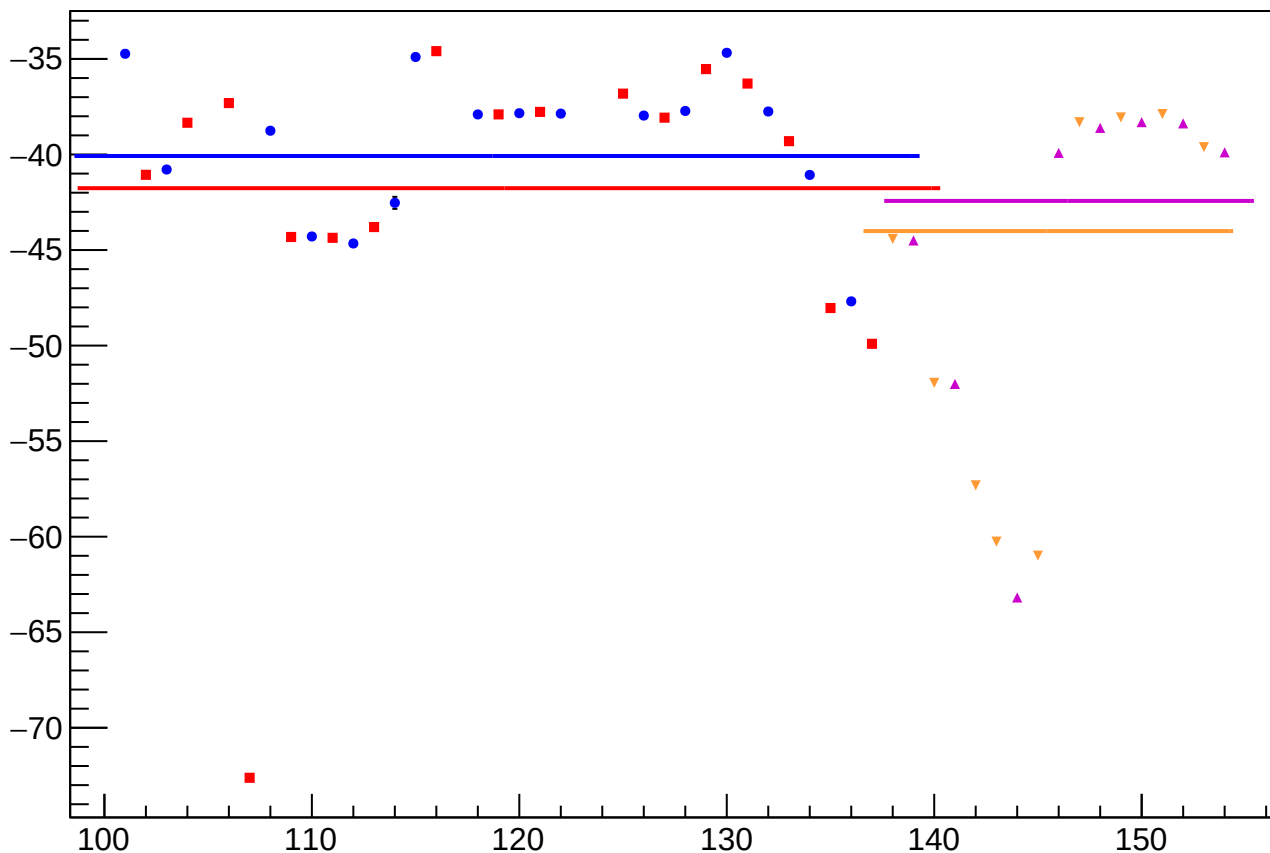
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 12.556 ± 0.340 $\chi^2/\text{NDF}: 1010.2/23$

Out: 11.241 ± 0.348 $\chi^2/\text{NDF}: 1071.7/25$

All: 11.914 ± 0.243 $\chi^2/\text{NDF}: 2089.2/49$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -44.008 $\pm$ 0.024 χ^2 /NDF:113756.0/8

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -42.430 $\pm$ 0.023 χ^2 /NDF:84935.1/7

Left: -43.183 $\pm$ 0.017 χ^2 /NDF: 200926.7/16

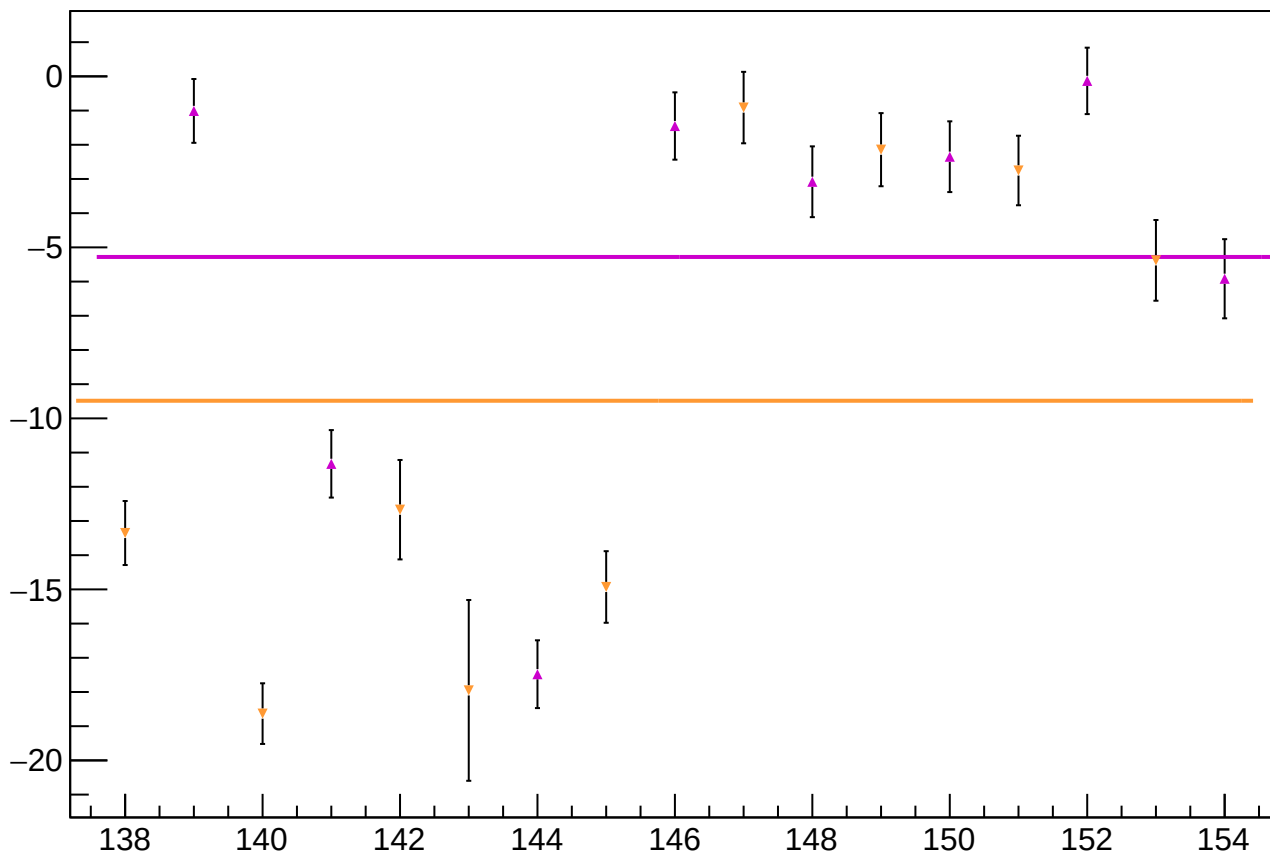
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -41.489 $\pm$ 0.018 χ^2 /NDF:114245.1/23

Out: -43.084 $\pm$ 0.019 χ^2 /NDF:177566.7/25

All: -42.258 $\pm$ 0.013 χ^2 /NDF: 295661.6/49

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -9.484 $\pm$ 0.367 χ^2 /NDF:336.1/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.280 $\pm$ 0.356 χ^2 /NDF:266.1/7

Left: -7.316 $\pm$ 0.255 χ^2 /NDF: 669.9/16

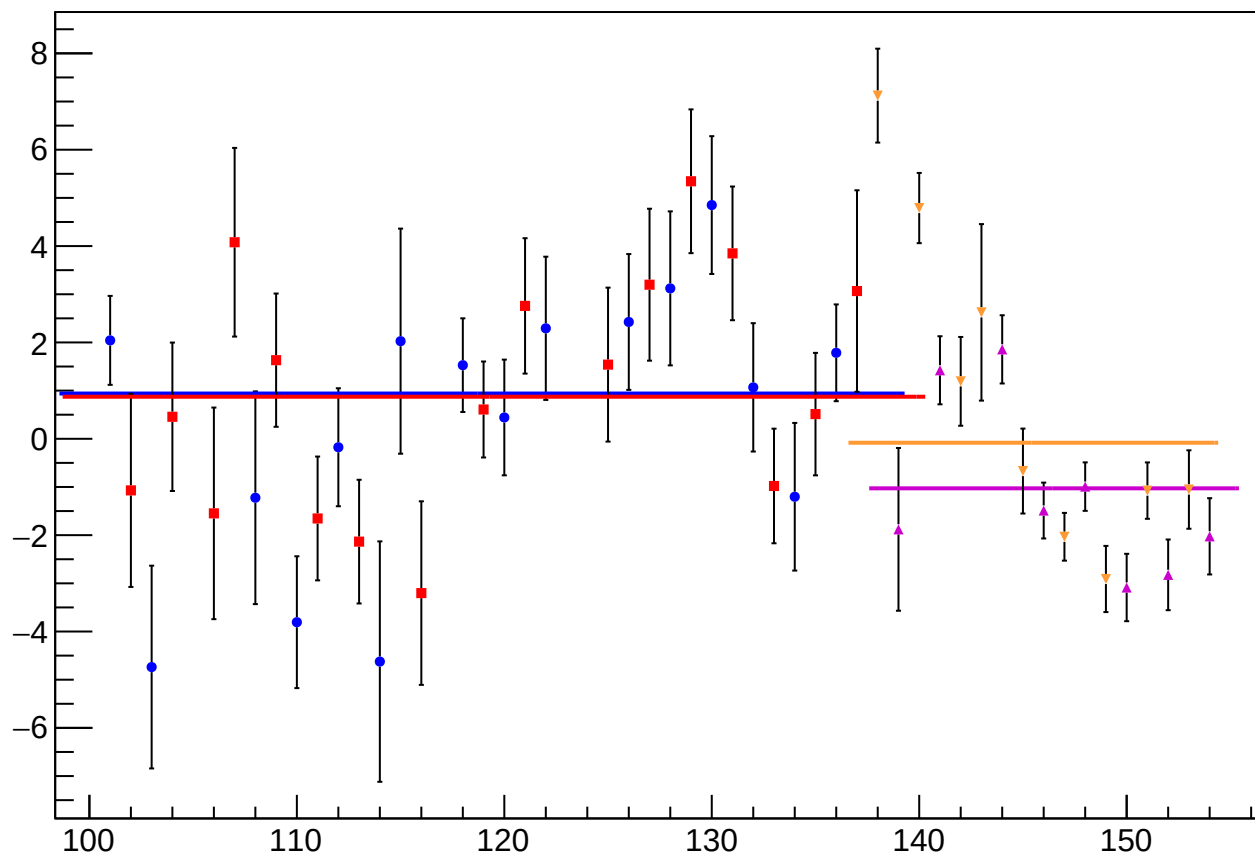
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.280 $\pm$ 0.356 χ^2 /NDF:266.1/7

Out: -9.484 $\pm$ 0.367 χ^2 /NDF:336.1/8

All: -7.316 $\pm$ 0.255 χ^2 /NDF: 669.9/16

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: -0.082 ± 0.248 $\chi^2/\text{NDF}: 140.6/8$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -1.028 ± 0.244 $\chi^2/\text{NDF}: 45.8/7$

Left: -0.562 ± 0.174 $\chi^2/\text{NDF}: 193.8/16$

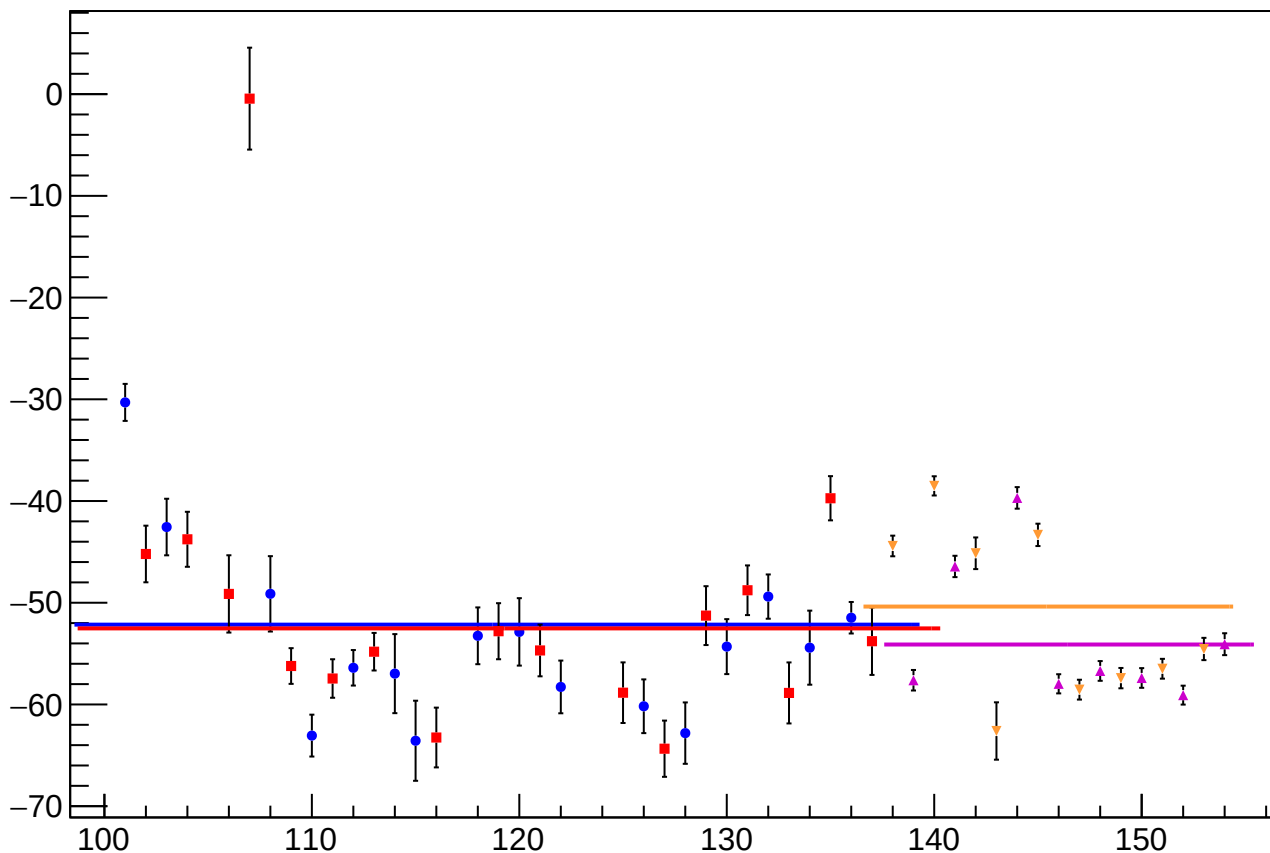
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: -0.355 ± 0.198 $\chi^2/\text{NDF}: 110.2/23$

Out: 0.232 ± 0.203 $\chi^2/\text{NDF}: 186.1/25$

All: -0.069 ± 0.142 $\chi^2/\text{NDF}: 300.6/49$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -50.376 ± 0.368 χ^2/NDF : 437.2/8

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.107 ± 0.352 χ^2/NDF : 314.6/7

Left: -52.321 ± 0.254 χ^2/NDF : 805.5/16

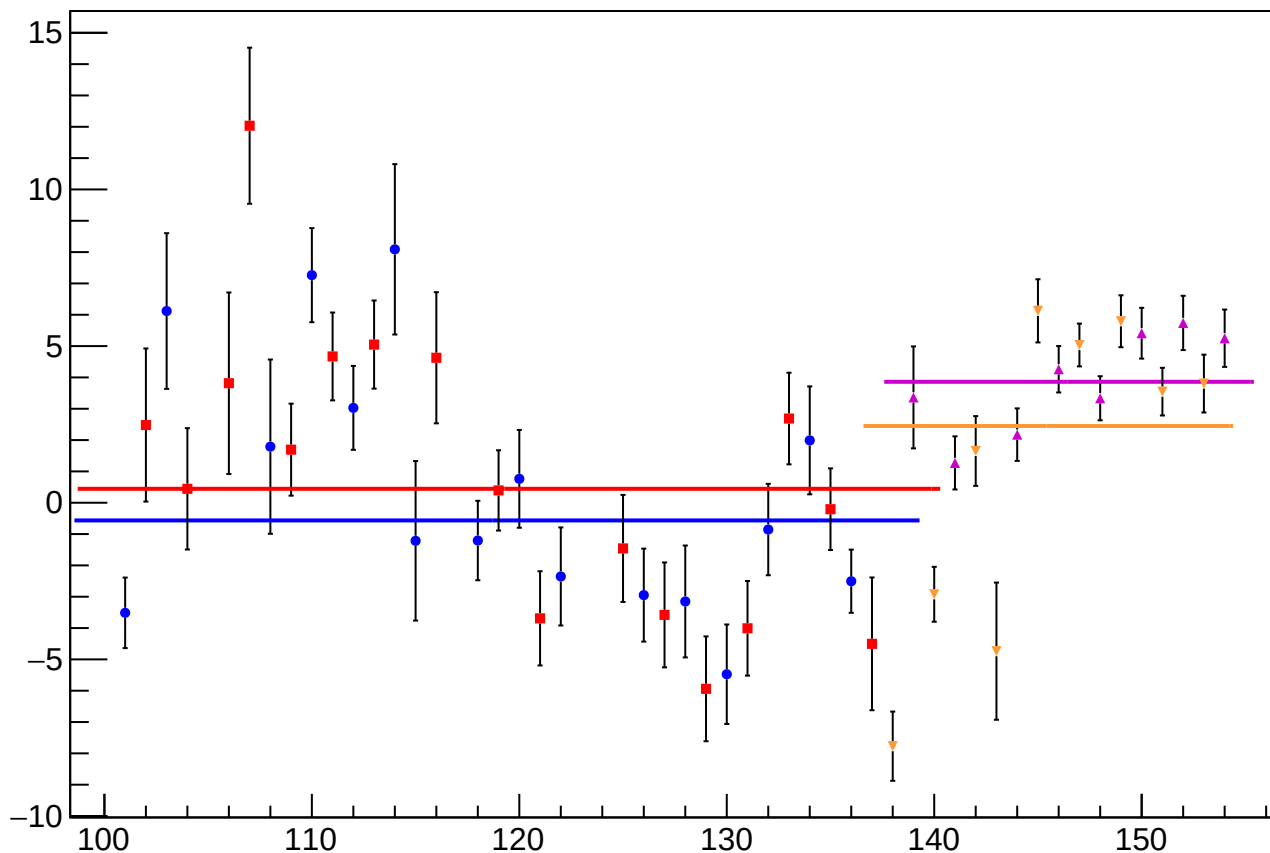
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.622 ± 0.305 χ^2/NDF : 553.3/23

Out: -50.937 ± 0.316 χ^2/NDF : 663.8/25

All: -52.325 ± 0.220 χ^2/NDF : 1254.4/49

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565±/0.384 χ^2/NDF : 81.8/15

Left Out: 2.450±/0.307 χ^2/NDF :182.5/8

Right Out: 0.445±/0.400 χ^2/NDF : 94.1/16

Left In: 3.861±/0.300 χ^2/NDF :25.0/7

Left: 3.170±/0.215 χ^2/NDF : 218.3/16

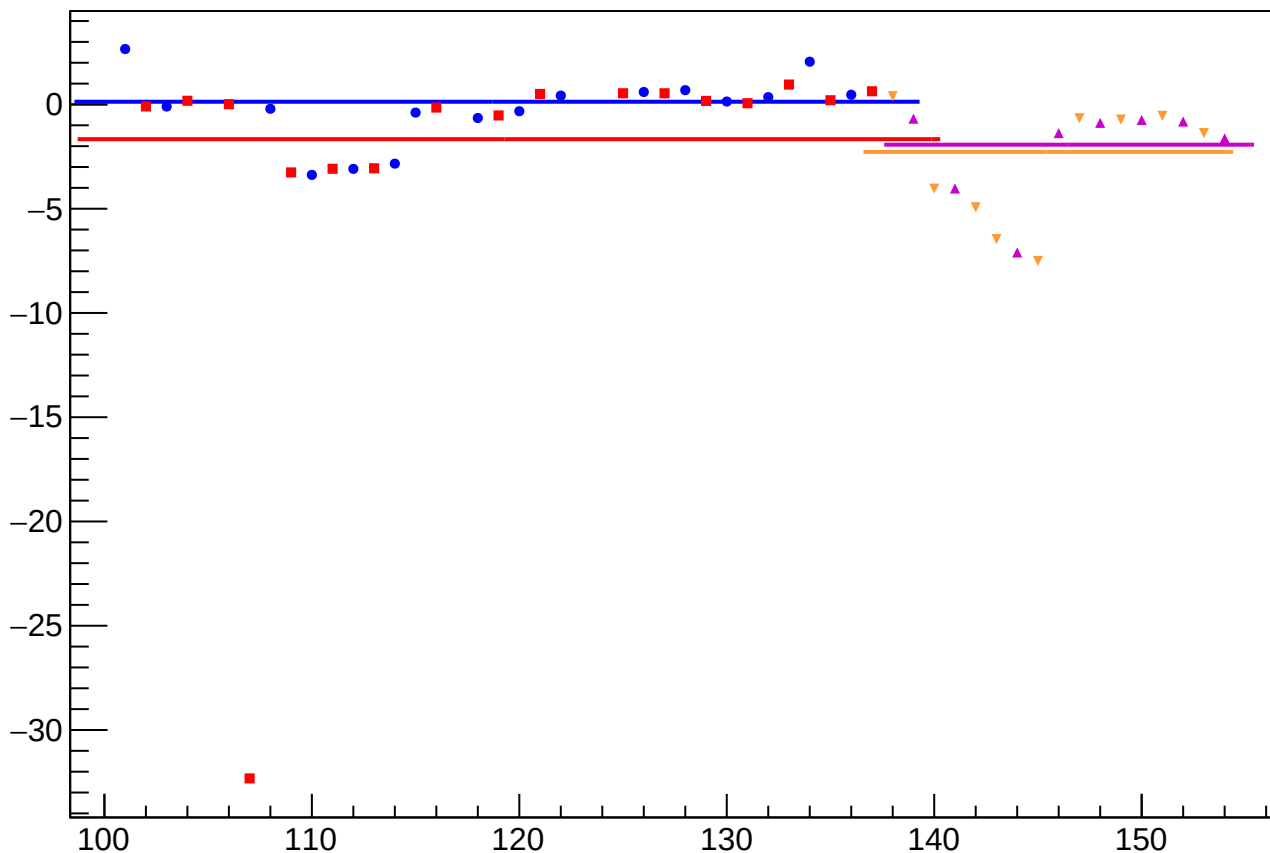
Right: -0.080±/0.277 χ^2/NDF : 179.3/32

In: 2.183±/0.237 χ^2/NDF :189.1/23

Out: 1.708±/0.243 χ^2/NDF :292.4/25

All: 1.952±/0.170 χ^2/NDF : 483.5/49

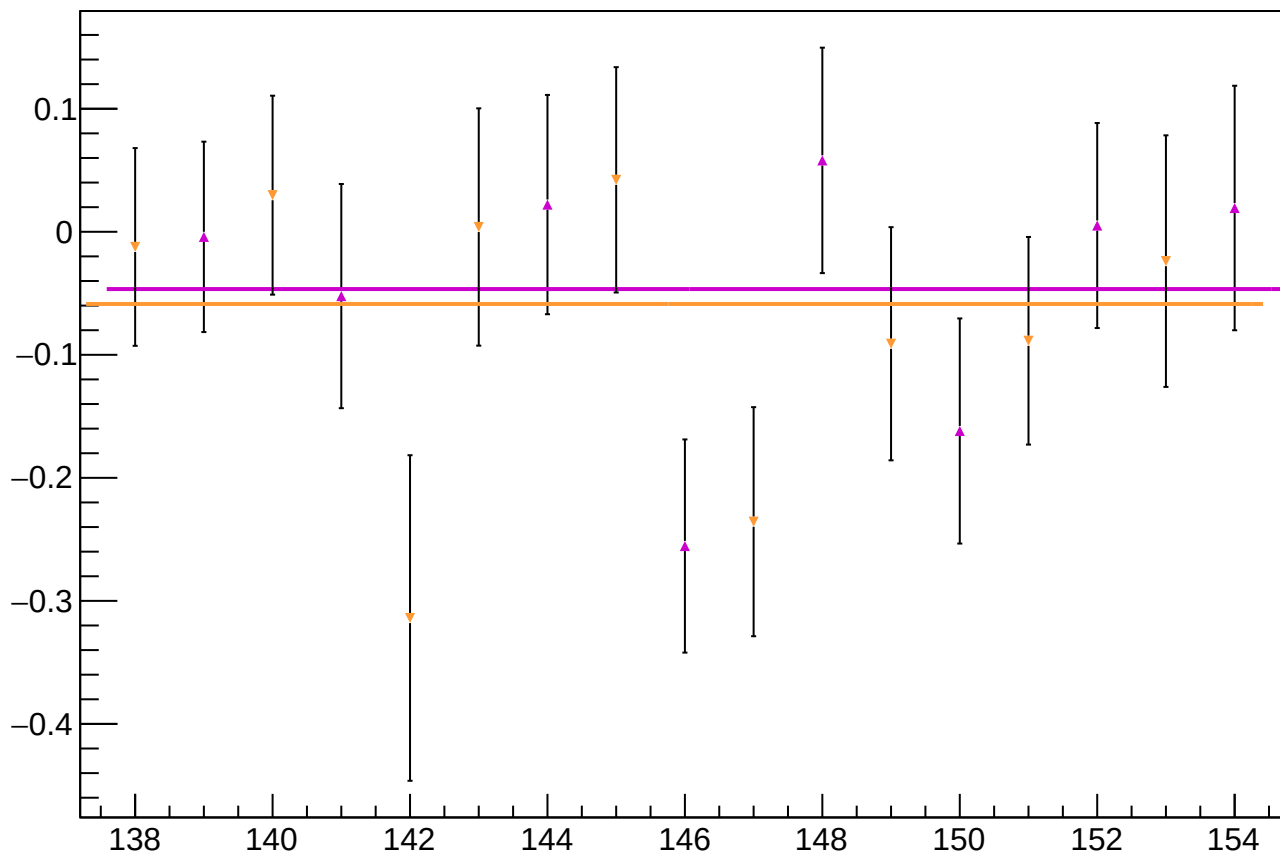
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.276 ± 0.015 $\chi^2/\text{NDF}: 28955.9/8$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.930 ± 0.014 $\chi^2/\text{NDF}: 18720.0/7$

Left: -2.092 ± 0.010 $\chi^2/\text{NDF}: 47952.6/16$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.301 ± 0.012 $\chi^2/\text{NDF}: 30323.7/23$
 Out: -2.077 ± 0.012 $\chi^2/\text{NDF}: 107085.0/25$
 All: -1.670 ± 0.009 $\chi^2/\text{NDF}: 139435.0/49$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.059+/-0.031 χ^2/NDF :10.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.047+/-0.031 χ^2/NDF :10.4/7

Left: -0.053+/-0.022 χ^2/NDF : 21.4/16

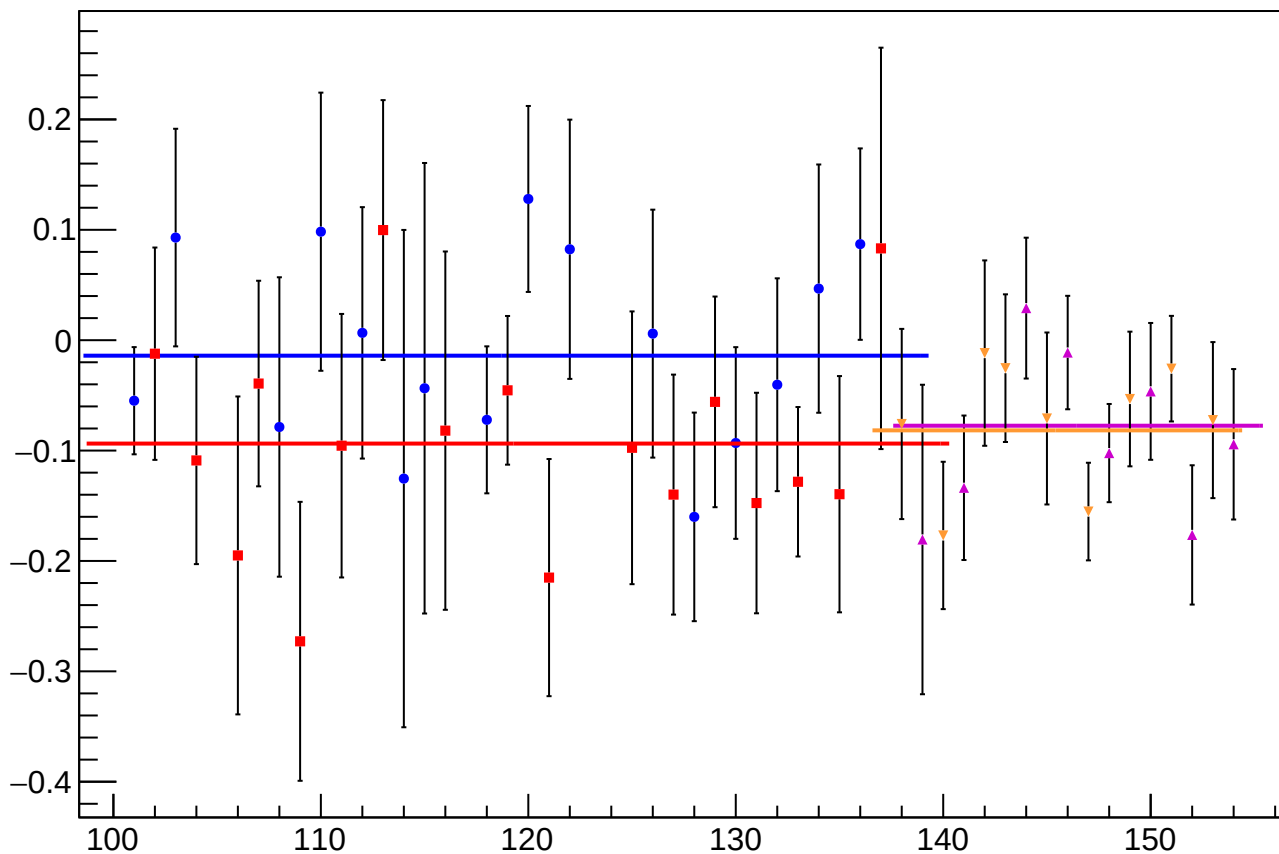
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.047+/-0.031 χ^2/NDF :10.4/7

Out: -0.059+/-0.031 χ^2/NDF :10.9/8

All: -0.053+/-0.022 χ^2/NDF : 21.4/16

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.082 ± 0.021 $\chi^2/\text{NDF}: 7.8/8$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.077 ± 0.022 $\chi^2/\text{NDF}: 8.8/7$

Left: -0.080 ± 0.015 $\chi^2/\text{NDF}: 16.7/16$

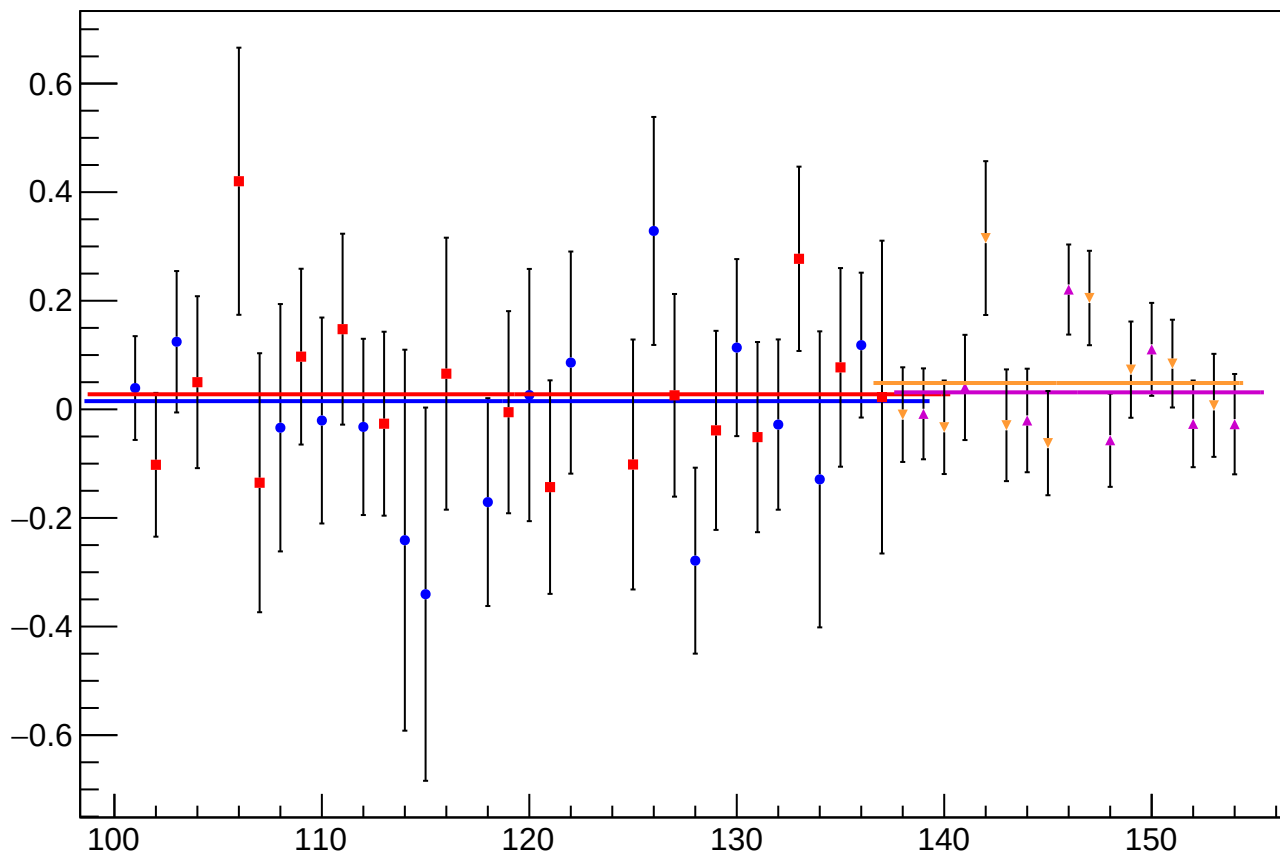
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.048 ± 0.016 $\chi^2/\text{NDF}: 25.3/23$

Out: -0.087 ± 0.016 $\chi^2/\text{NDF}: 18.1/25$

All: -0.067 ± 0.011 $\chi^2/\text{NDF}: 46.3/49$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.049 $\pm$ 0.031 χ^2 /NDF:10.5/8

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.031 $\pm$ 0.031 χ^2 /NDF:8.6/7

Left: 0.040 $\pm$ 0.022 χ^2 /NDF: 19.2/16

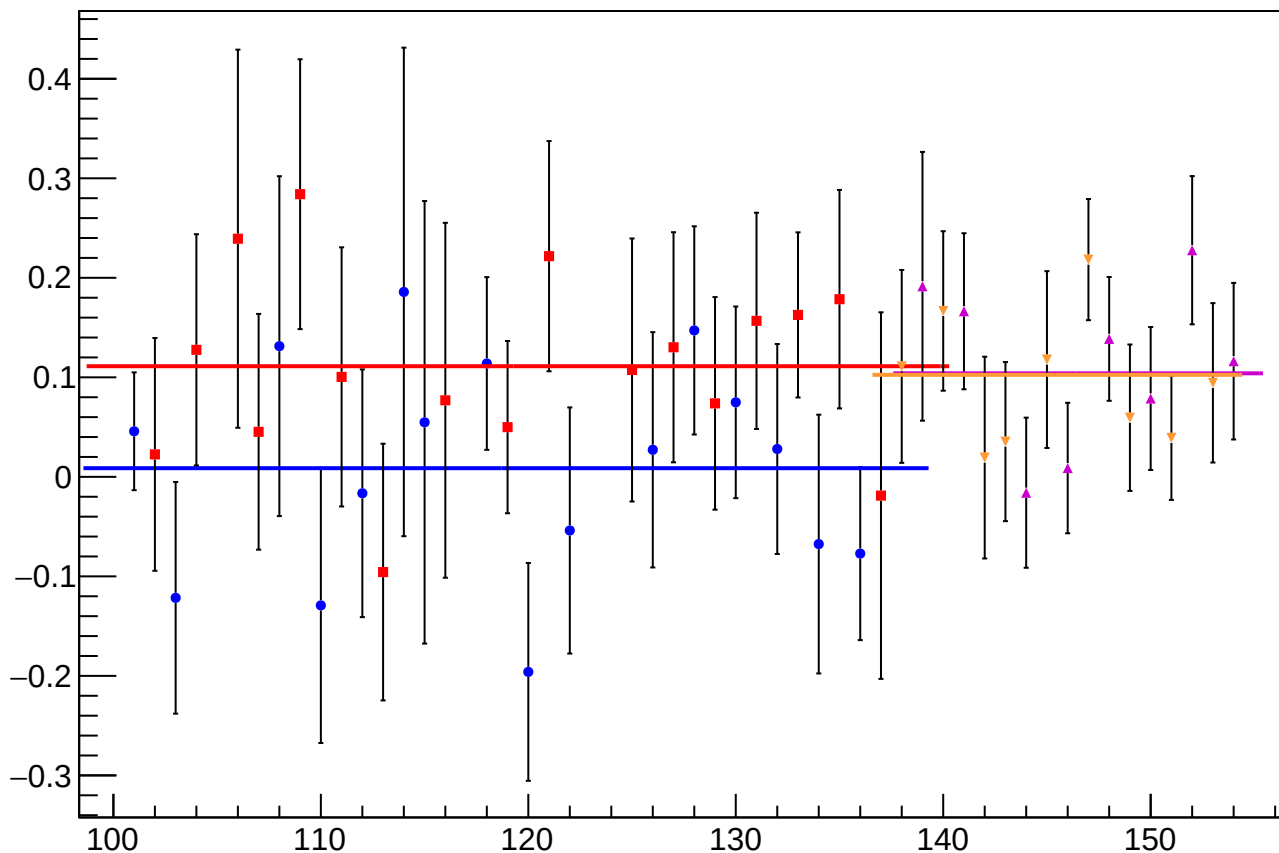
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.026 $\pm$ 0.025 χ^2 /NDF:18.8/23

Out: 0.042 $\pm$ 0.026 χ^2 /NDF:19.1/25

All: 0.034 $\pm$ 0.018 χ^2 /NDF: 38.1/49

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.103 ± 0.026 $\chi^2/\text{NDF}: 7.1/8$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.104 ± 0.027 $\chi^2/\text{NDF}: 8.9/7$

Left: 0.103 ± 0.018 $\chi^2/\text{NDF}: 16.0/16$

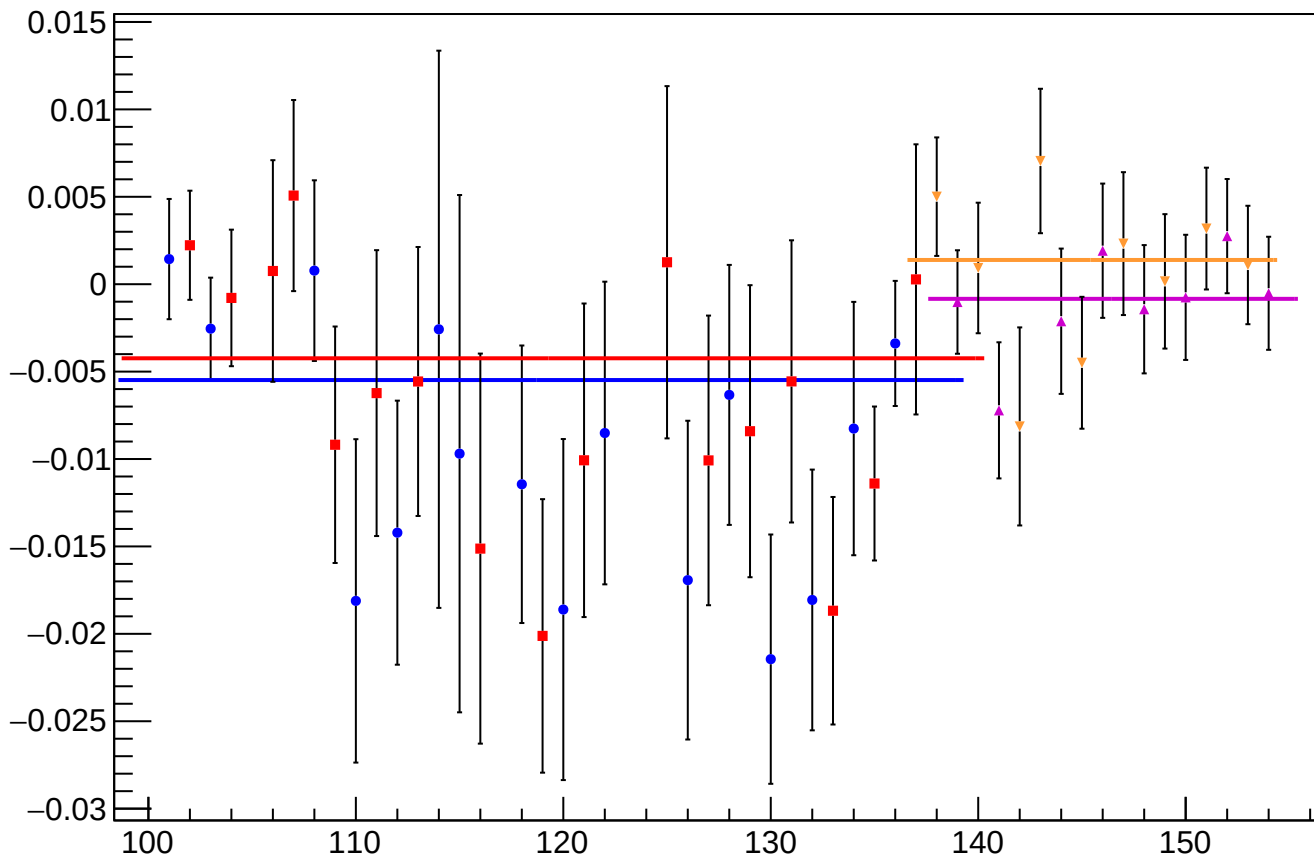
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.057 ± 0.019 $\chi^2/\text{NDF}: 27.9/23$

Out: 0.106 ± 0.019 $\chi^2/\text{NDF}: 15.7/25$

All: 0.081 ± 0.013 $\chi^2/\text{NDF}: 46.9/49$

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 8.7/8

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.001 ± 0.001 χ^2/NDF : 4.5/7

Left: 0.000 ± 0.001 χ^2/NDF : 14.8/16

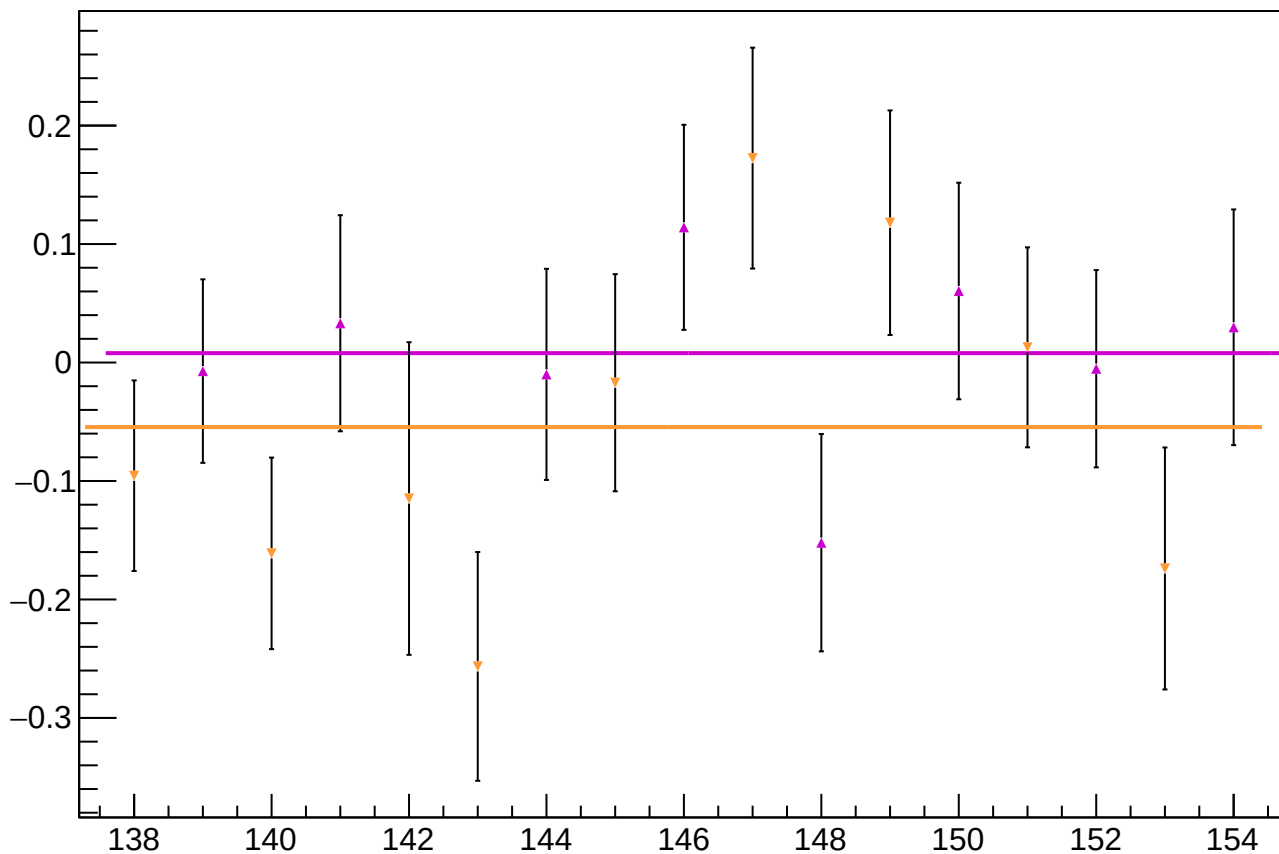
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.003 ± 0.001 χ^2/NDF : 32.8/23

Out: -0.001 ± 0.001 χ^2/NDF : 40.8/25

All: -0.002 ± 0.001 χ^2/NDF : 75.3/49

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.054+/-0.031 χ^2/NDF : 18.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.008+/-0.031 χ^2/NDF : 5.1/7

Left: -0.024+/-0.022 χ^2/NDF : 25.1/16

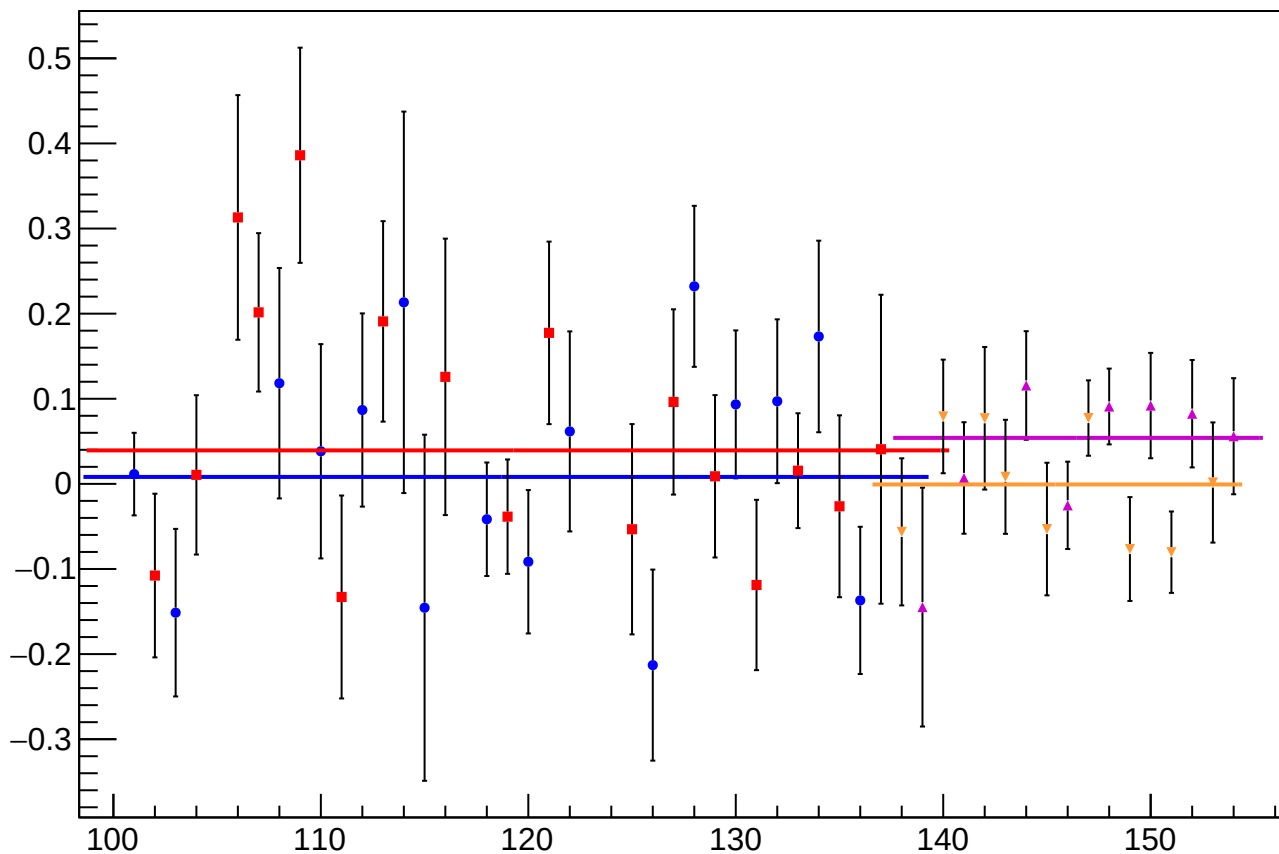
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.008+/-0.031 χ^2/NDF : 5.1/7

Out: -0.054+/-0.031 χ^2/NDF : 18.0/8

All: -0.024+/-0.022 χ^2/NDF : 25.1/16

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 χ^2/NDF : 23.7/15

Left Out: -0.001 ± 0.021 χ^2/NDF : 10.6/8

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.054 ± 0.022 χ^2/NDF : 7.1/7

Left: 0.026 ± 0.015 χ^2/NDF : 21.0/16

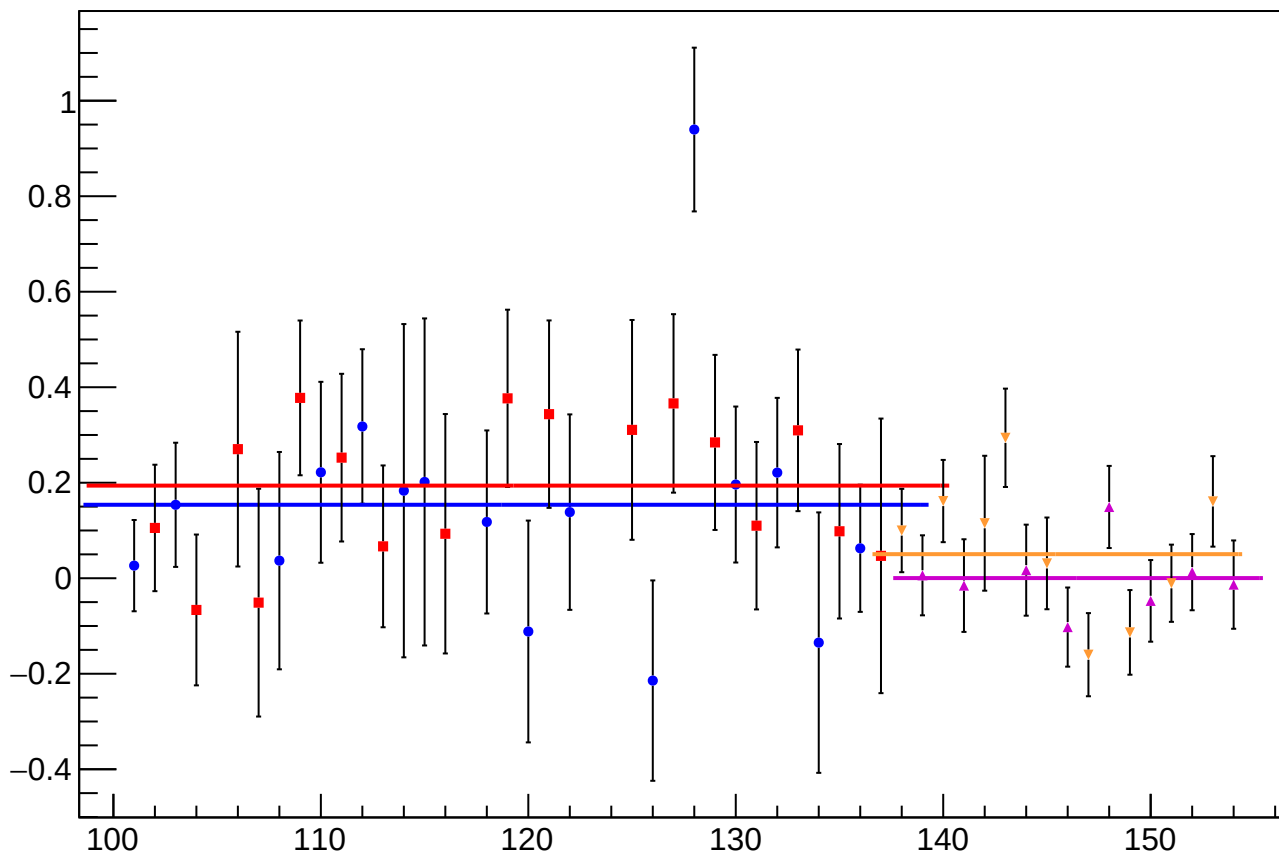
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.033 ± 0.016 χ^2/NDF : 32.9/23

Out: 0.016 ± 0.016 χ^2/NDF : 39.7/25

All: 0.024 ± 0.011 χ^2/NDF : 73.1/49

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.050 ± 0.031 χ^2/NDF : 19.0/8

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: 0.000 ± 0.031 χ^2/NDF : 5.0/7

Left: 0.025 ± 0.022 χ^2/NDF : 25.3/16

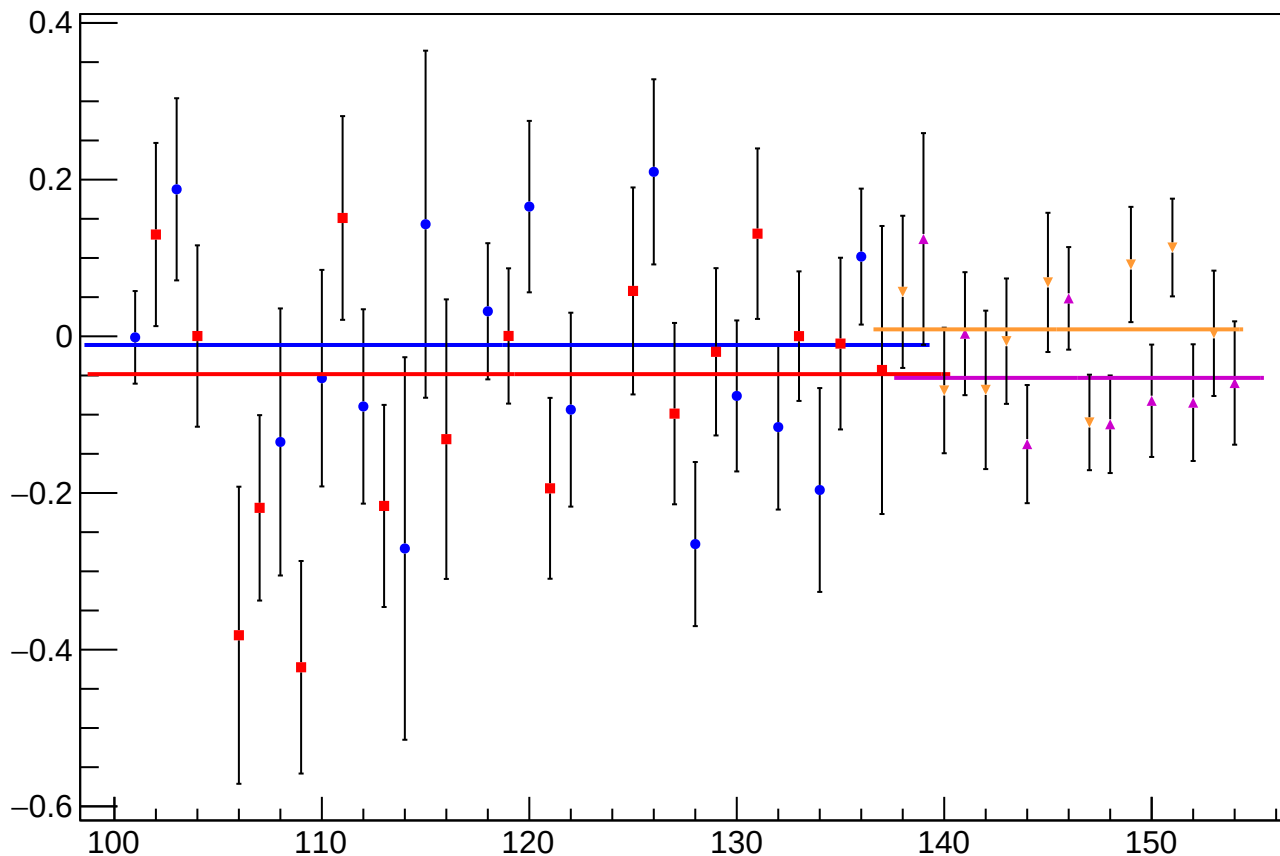
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.053 ± 0.025 χ^2/NDF : 43.9/23

Out: 0.097 ± 0.026 χ^2/NDF : 36.5/25

All: 0.074 ± 0.018 χ^2/NDF : 81.9/49

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.009 ± 0.026 $\chi^2/\text{NDF}: 10.1/8$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 25.6/16$

Left In: -0.053 ± 0.027 $\chi^2/\text{NDF}: 7.2/7$

Left: -0.021 ± 0.018 $\chi^2/\text{NDF}: 20.1/16$

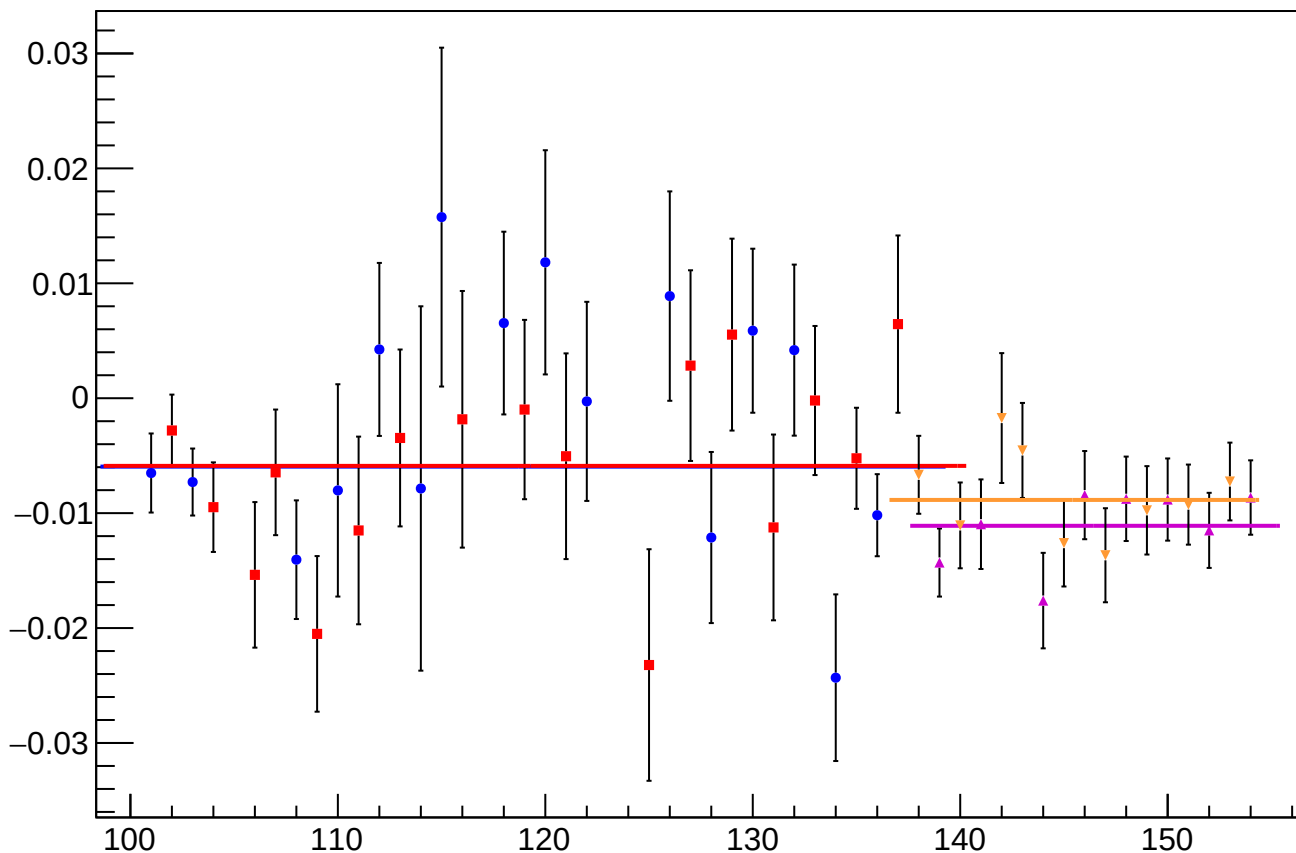
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 49.9/32$

In: -0.032 ± 0.019 $\chi^2/\text{NDF}: 31.8/23$

Out: -0.017 ± 0.019 $\chi^2/\text{NDF}: 37.9/25$

All: -0.025 ± 0.013 $\chi^2/\text{NDF}: 70.1/49$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 6.1/8

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/7

Left: -0.010 ± 0.001 χ^2/NDF : 13.2/16

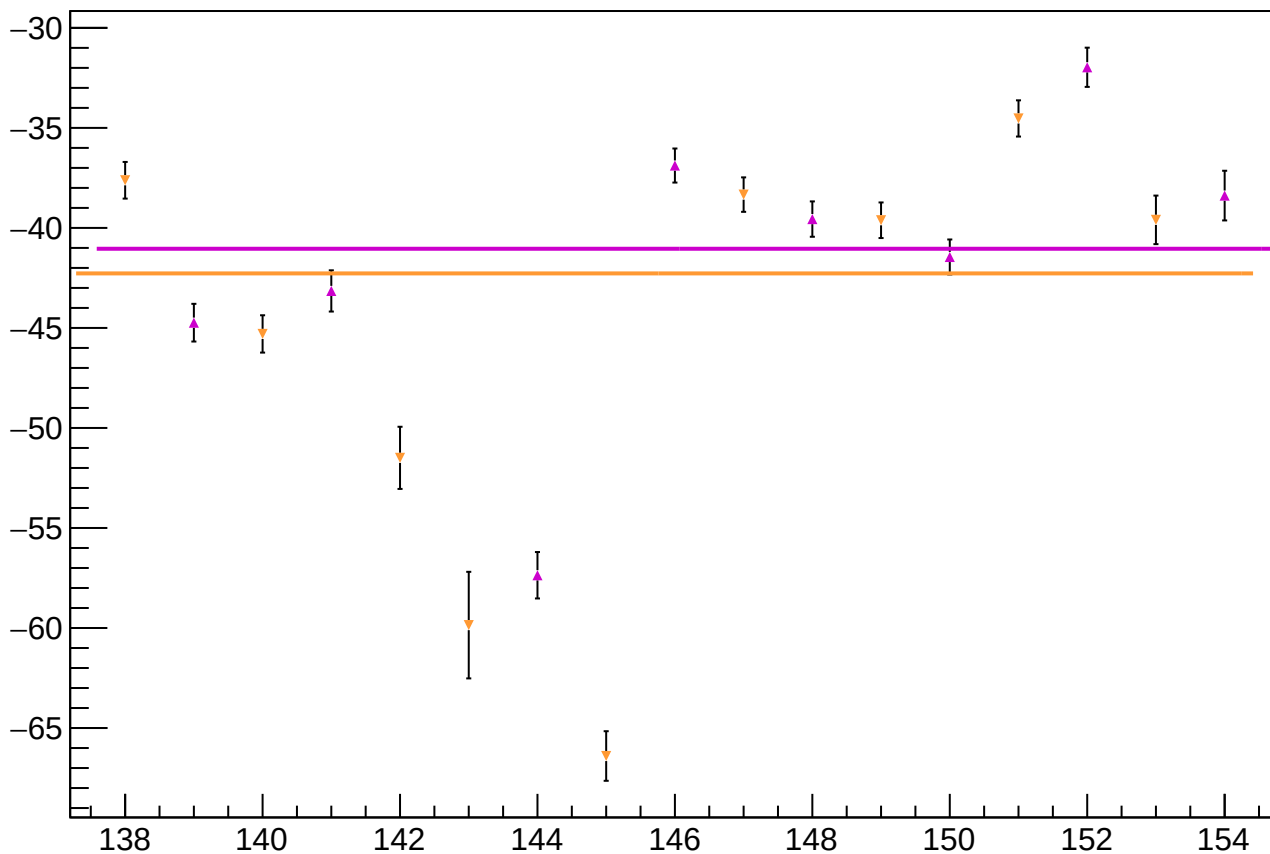
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 41.6/23

Out: -0.008 ± 0.001 χ^2/NDF : 28.0/25

All: -0.008 ± 0.001 χ^2/NDF : 70.6/49

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.274+/-0.352 χ^2/NDF :601.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.042+/-0.344 χ^2/NDF :334.5/7

Left: -41.643+/-0.246 χ^2/NDF : 942.6/16

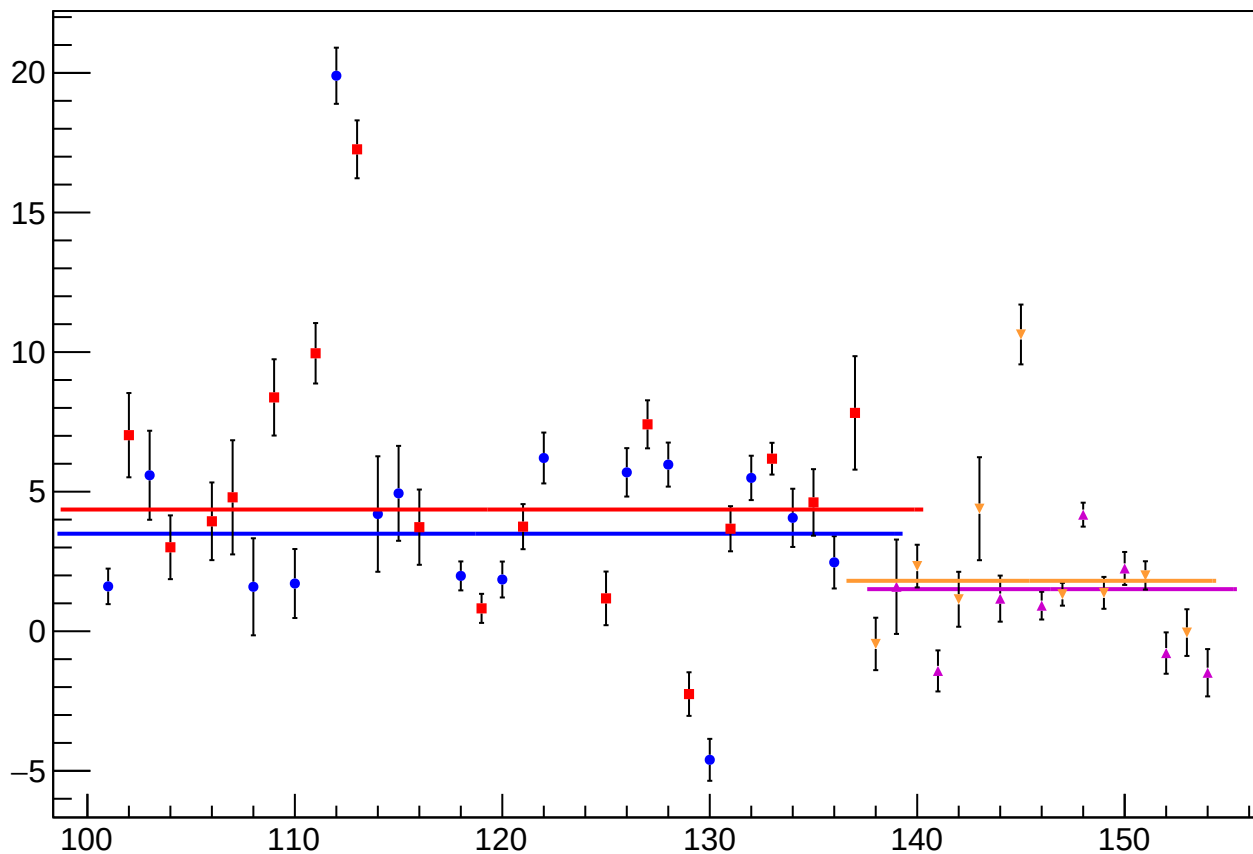
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.042+/-0.344 χ^2/NDF :334.5/7

Out: -42.274+/-0.352 χ^2/NDF :601.8/8

All: -41.643+/-0.246 χ^2/NDF : 942.6/16

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494+/-0.218 χ^2/NDF : 444.9/15

Left Out: 1.807+/-0.227 χ^2/NDF : 83.5/8

Right Out: 4.360+/-0.225 χ^2/NDF : 351.0/16

Left In: 1.508+/-0.228 χ^2/NDF : 79.7/7

Left: 1.658+/-0.161 χ^2/NDF : 164.1/16

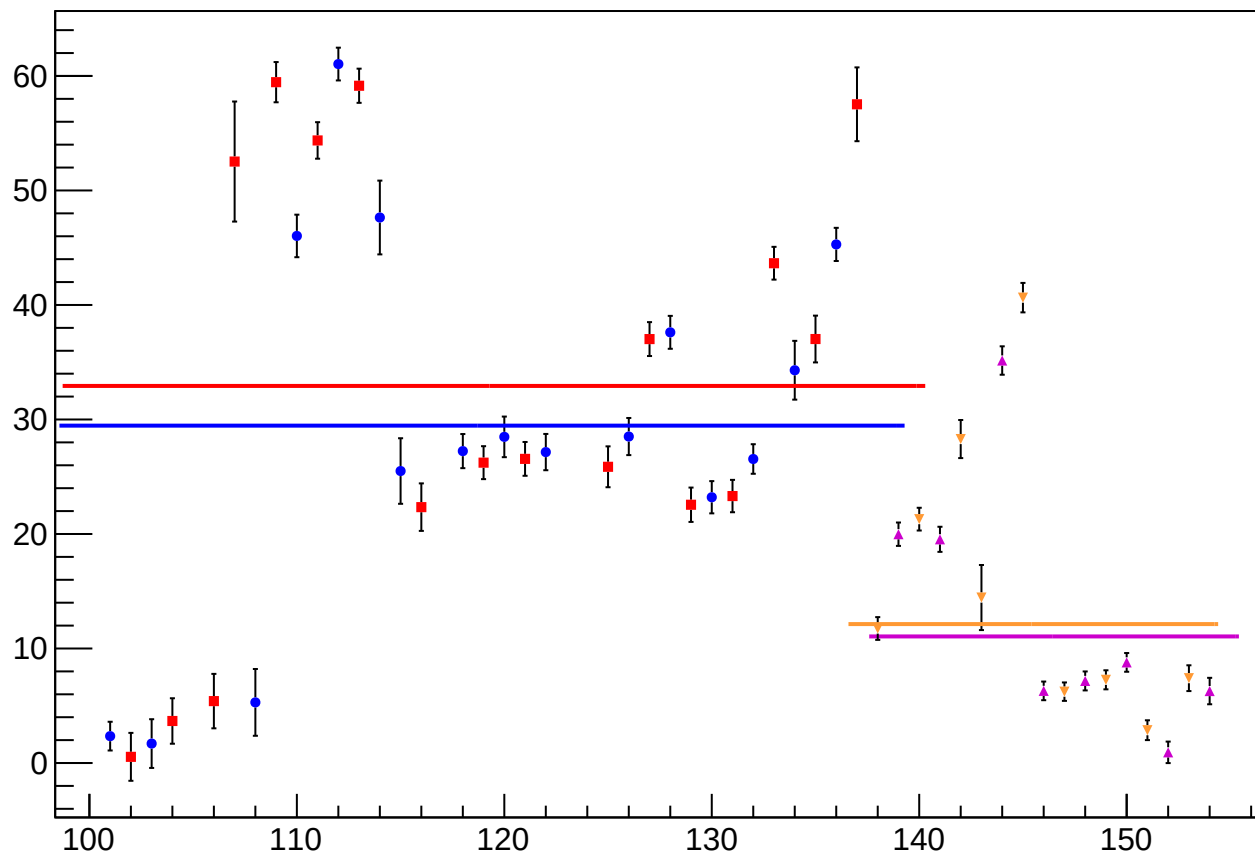
Right: 3.912+/-0.157 χ^2/NDF : 803.5/32

In: 2.547+/-0.157 χ^2/NDF : 564.3/23

Out: 3.093+/-0.160 χ^2/NDF : 498.3/25

All: 2.816+/-0.112 χ^2/NDF : 1068.5/49

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 12.132 $\pm$ 0.349 χ^2 /NDF:891.8/8

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 11.054 $\pm$ 0.337 χ^2 /NDF:710.5/7

Left: 11.575 $\pm$ 0.242 χ^2 /NDF: 1607.3/16

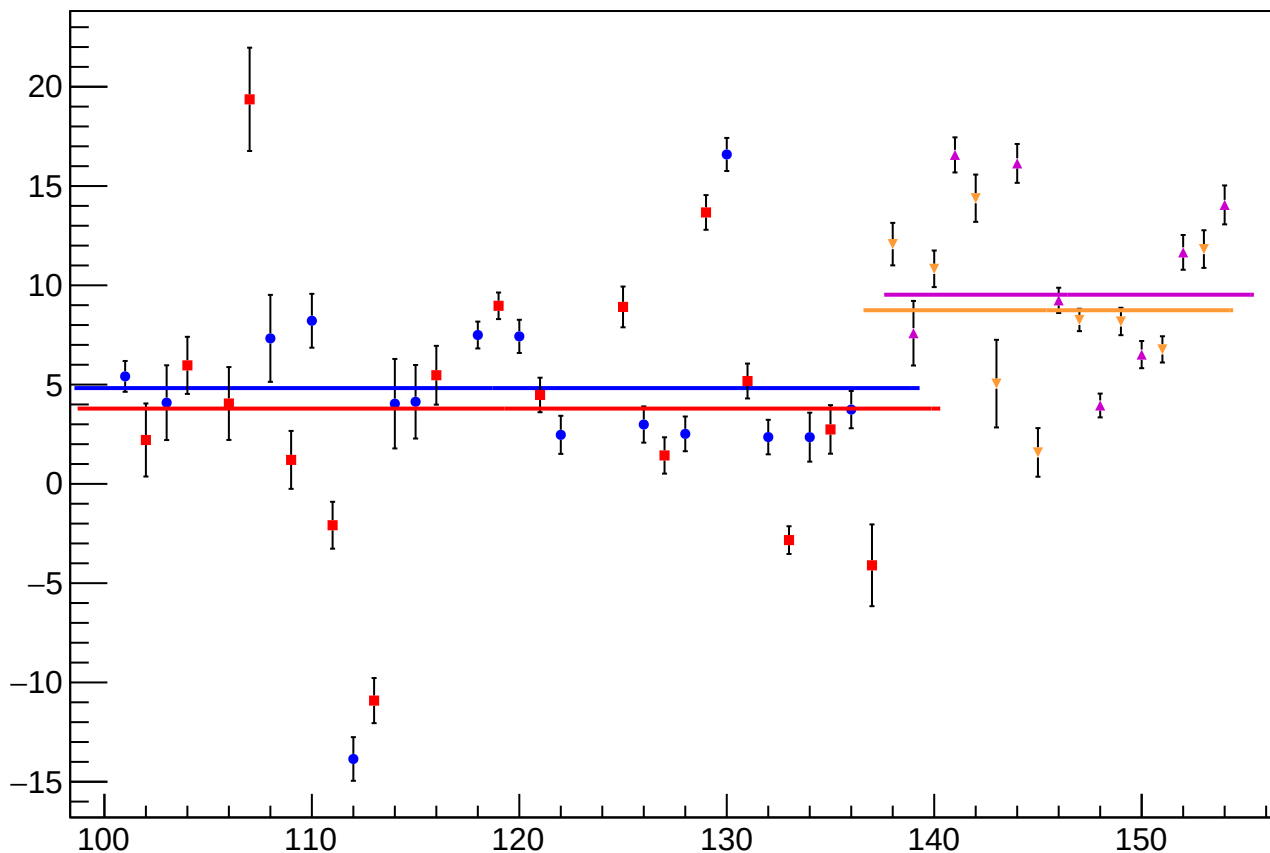
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 18.324 $\pm$ 0.262 χ^2 /NDF:3378.4/23

Out: 20.531 $\pm$ 0.269 χ^2 /NDF:3954.0/25

All: 19.400 $\pm$ 0.188 χ^2 /NDF: 7366.8/49

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 8.744 ± 0.285 χ^2/NDF : 95.1/8

Right Out: 3.792 ± 0.259 χ^2/NDF : 563.6/16

Left In: 9.527 ± 0.284 χ^2/NDF : 243.8/7

Left: 9.138 ± 0.201 χ^2/NDF : 342.7/16

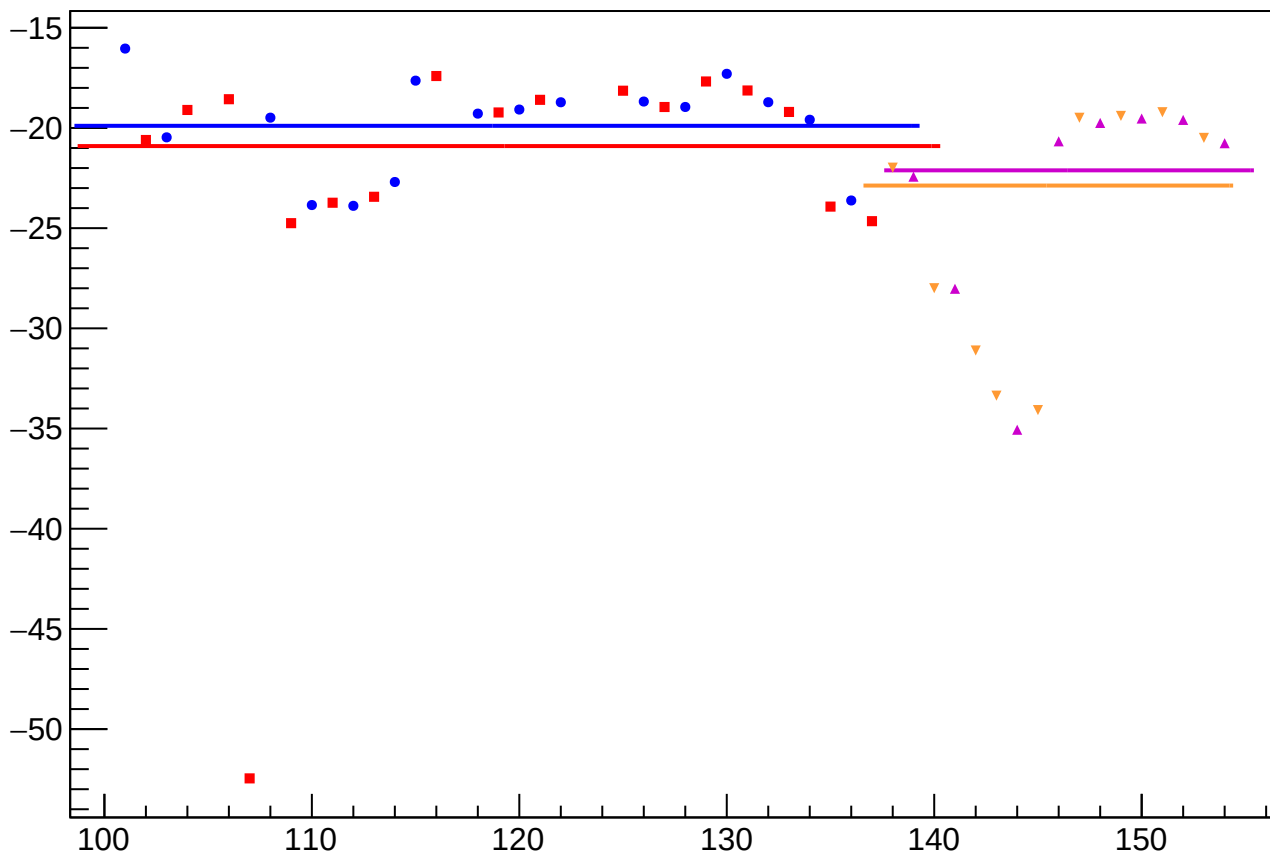
Right: 4.323 ± 0.180 χ^2/NDF : 1124.7/32

In: 6.895 ± 0.188 χ^2/NDF : 950.5/23

Out: 6.029 ± 0.192 χ^2/NDF : 823.9/25

All: 6.470 ± 0.134 χ^2/NDF : 1784.8/49

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -22.874 $\pm$ 0.015 χ^2 /NDF:116810.7/8

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -22.115 $\pm$ 0.014 χ^2 /NDF:91415.6/7

Left: -22.471 $\pm$ 0.010 χ^2 /NDF: 209652.6/16

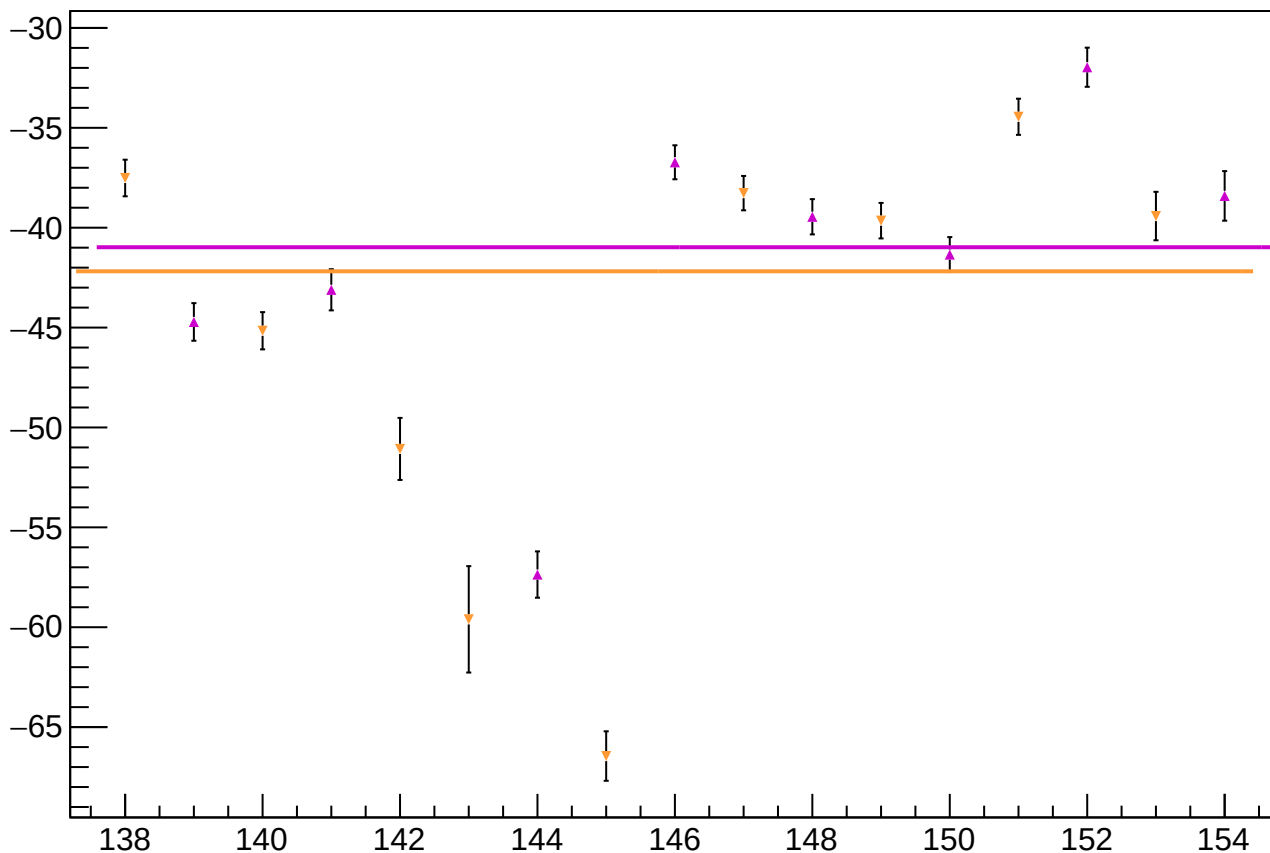
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.139 $\pm$ 0.010 χ^2 /NDF:128914.4/23

Out: -21.960 $\pm$ 0.011 χ^2 /NDF:218017.1/25

All: -21.534 $\pm$ 0.007 χ^2 /NDF: 349972.1/49

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.183+/-0.352 χ^2/NDF :602.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.978+/-0.343 χ^2/NDF :336.7/7

Left: -41.566+/-0.246 χ^2/NDF : 945.2/16

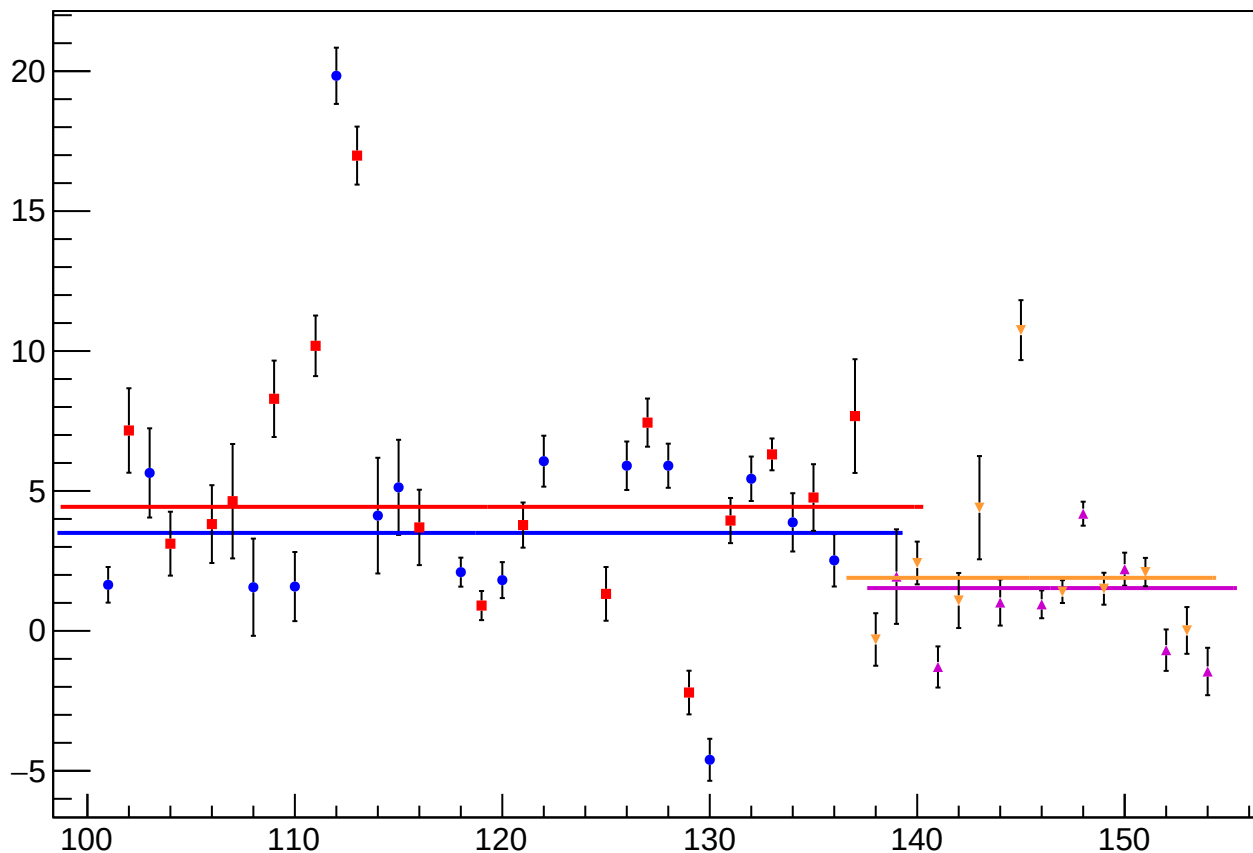
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.978+/-0.343 χ^2/NDF :336.7/7

Out: -42.183+/-0.352 χ^2/NDF :602.6/8

All: -41.566+/-0.246 χ^2/NDF : 945.2/16

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.896 ± 0.227 $\chi^2/\text{NDF}: 84.0/8$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.530 ± 0.228 $\chi^2/\text{NDF}: 77.6/7$

Left: 1.714 ± 0.161 $\chi^2/\text{NDF}: 162.9/16$

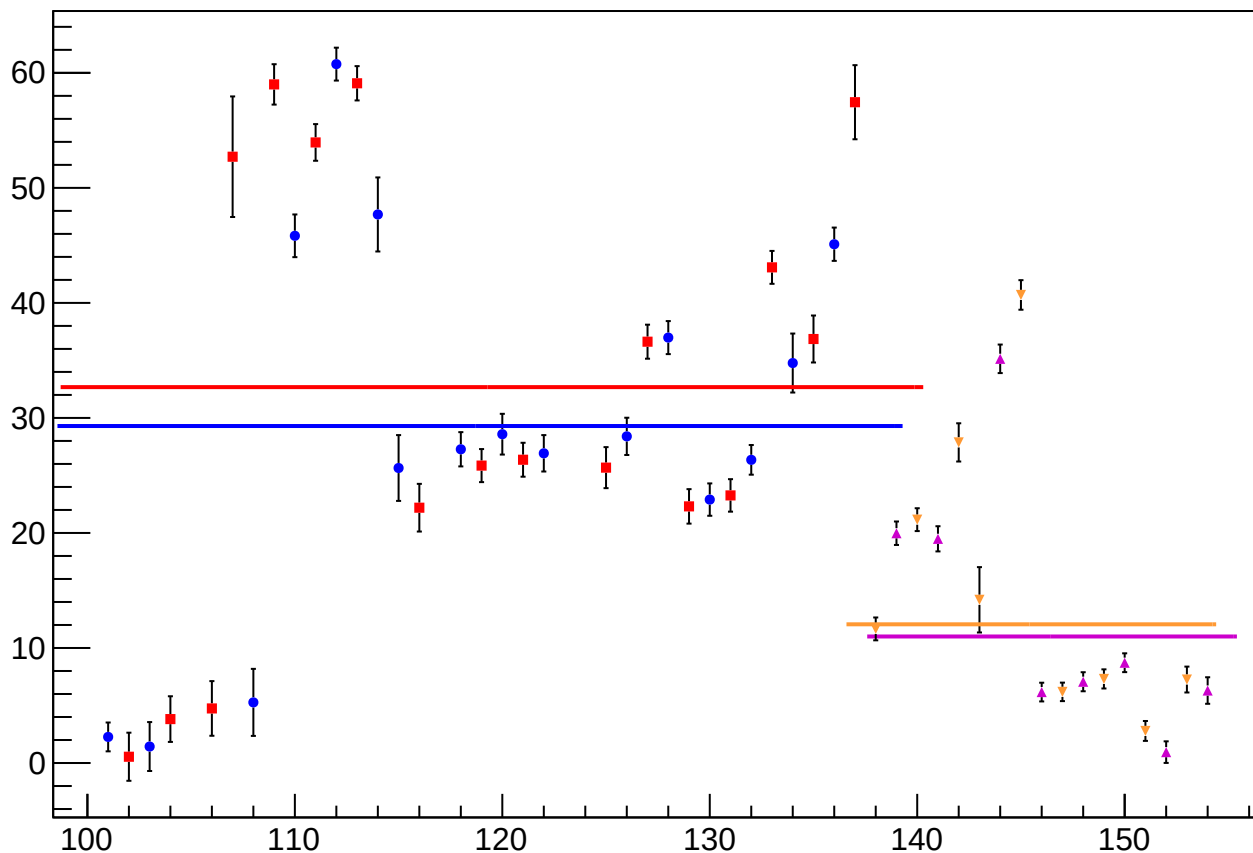
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.561 ± 0.157 $\chi^2/\text{NDF}: 558.7/23$

Out: 3.173 ± 0.160 $\chi^2/\text{NDF}: 490.6/25$

All: 2.863 ± 0.112 $\chi^2/\text{NDF}: 1056.7/49$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2/NDF : 1485.2/15

Left Out: 12.058 $\pm$ 0.348 χ^2/NDF : 890.6/8

Right Out: 32.679 $\pm$ 0.423 χ^2/NDF : 1614.8/16

Left In: 10.999 $\pm$ 0.337 χ^2/NDF : 713.4/7

Left: 11.511 $\pm$ 0.242 χ^2/NDF : 1608.8/16

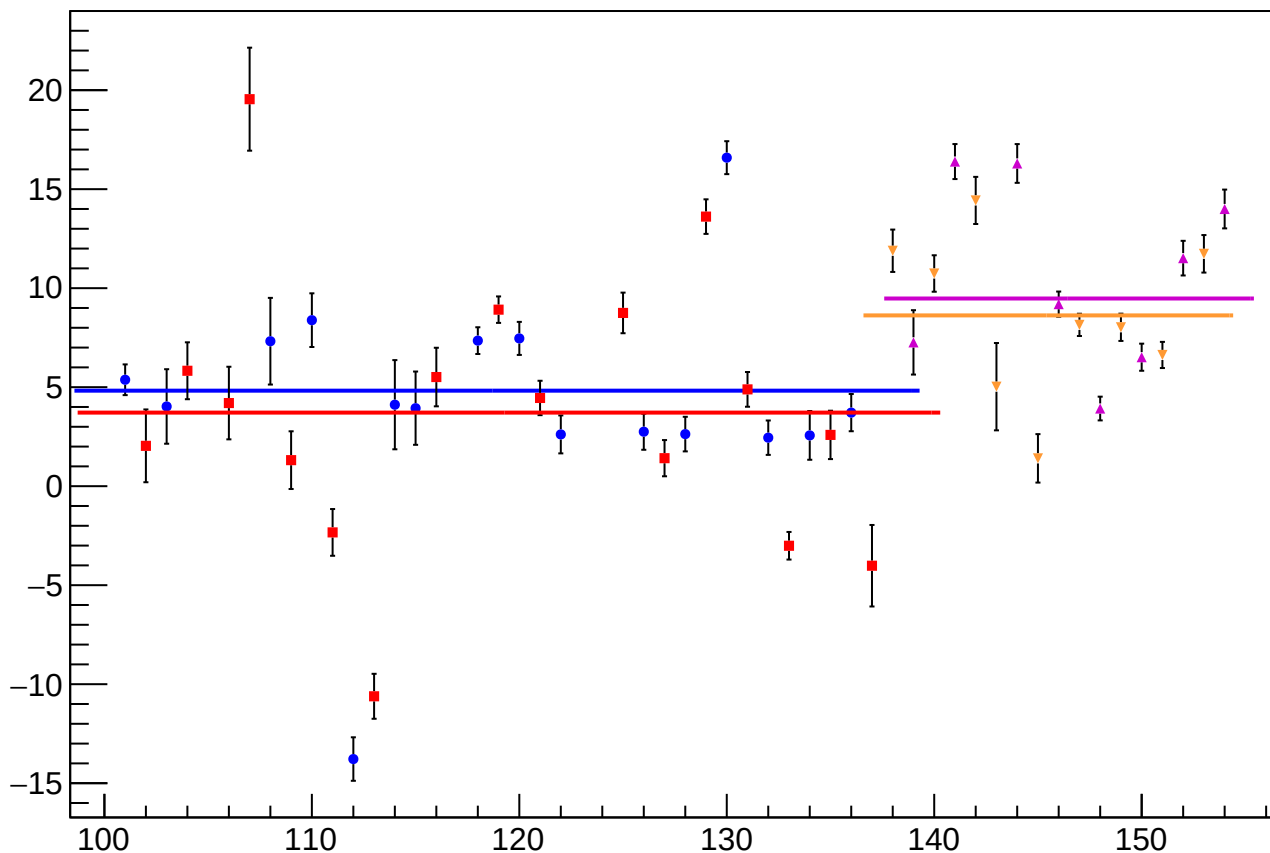
Right: 30.964 $\pm$ 0.297 χ^2/NDF : 3132.4/32

In: 18.226 $\pm$ 0.262 χ^2/NDF : 3362.2/23

Out: 20.387 $\pm$ 0.269 χ^2/NDF : 3920.6/25

All: 19.279 $\pm$ 0.188 χ^2/NDF : 7315.9/49

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.625 ± 0.285 χ^2/NDF : 97.3/8

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.478 ± 0.283 χ^2/NDF : 243.3/7

Left: 9.054 ± 0.201 χ^2/NDF : 345.1/16

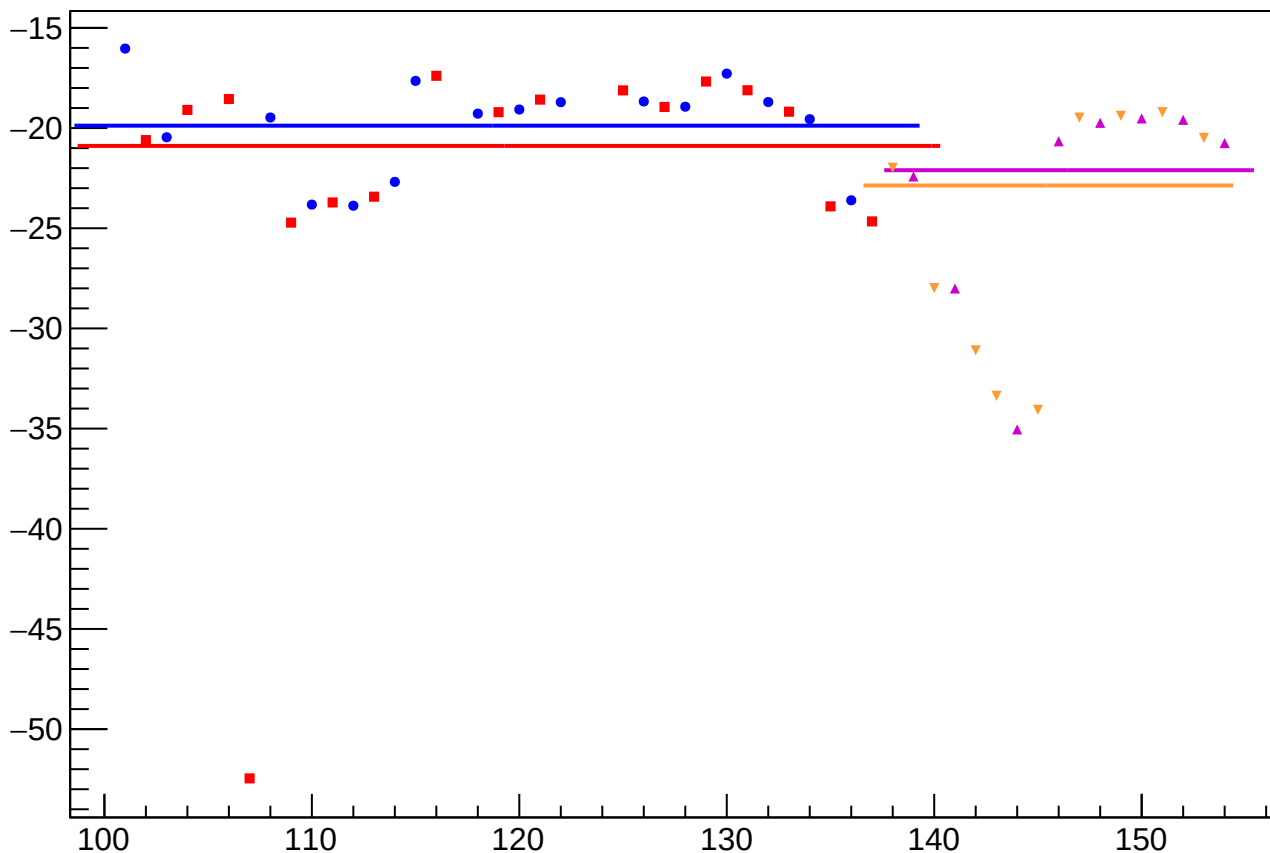
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 6.874 ± 0.188 χ^2/NDF : 943.4/23

Out: 5.933 ± 0.192 χ^2/NDF : 819.7/25

All: 6.412 ± 0.134 χ^2/NDF : 1775.3/49

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15

Left Out: -22.866 ± 0.015 χ^2/NDF : 116890.3/8

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -22.103 ± 0.014 χ^2/NDF : 91368.0/7

Left: -22.462 ± 0.010 χ^2/NDF : 209699.0/16

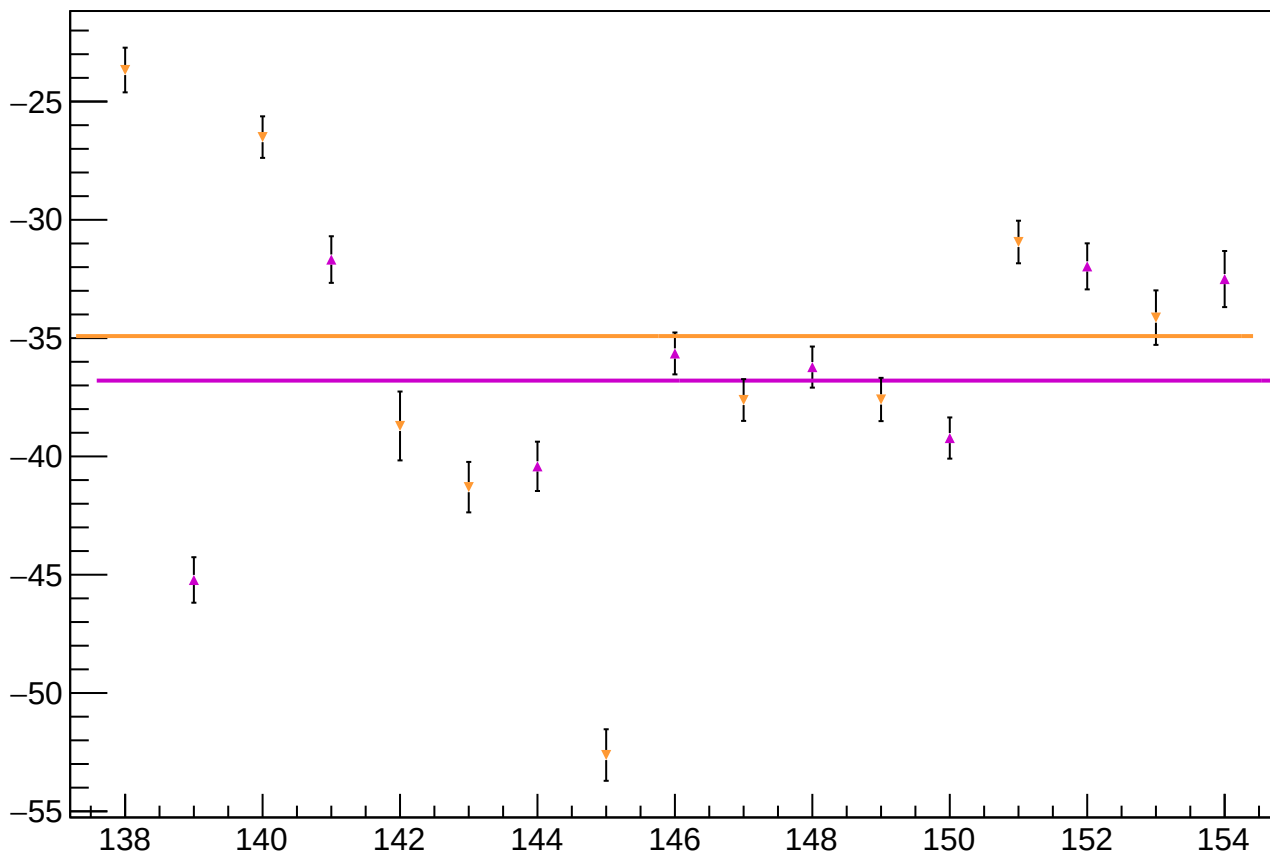
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -21.128 ± 0.010 χ^2/NDF : 128876.1/23

Out: -21.950 ± 0.011 χ^2/NDF : 218260.1/25

All: -21.523 ± 0.007 χ^2/NDF : 350189.6/49

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.914+/-0.332 χ^2/NDF :578.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.795+/-0.339 χ^2/NDF :163.4/7

Left: -35.836+/-0.237 χ^2/NDF : 757.5/16

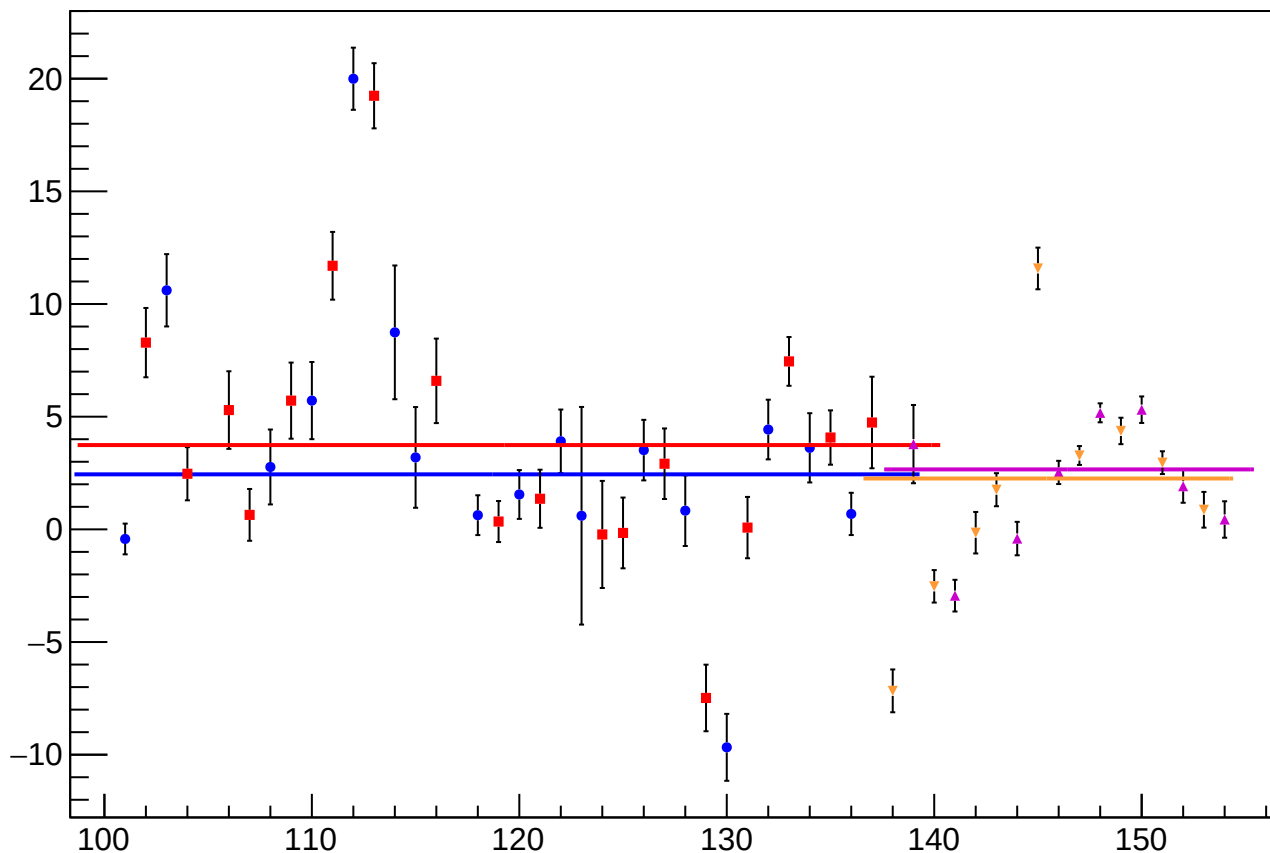
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.795+/-0.339 χ^2/NDF :163.4/7

Out: -34.914+/-0.332 χ^2/NDF :578.4/8

All: -35.836+/-0.237 χ^2/NDF : 757.5/16

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.257 ± 0.216 χ^2/NDF : 275.3/8

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 2.661 ± 0.224 χ^2/NDF : 145.5/7

Left: 2.451 ± 0.156 χ^2/NDF : 422.5/16

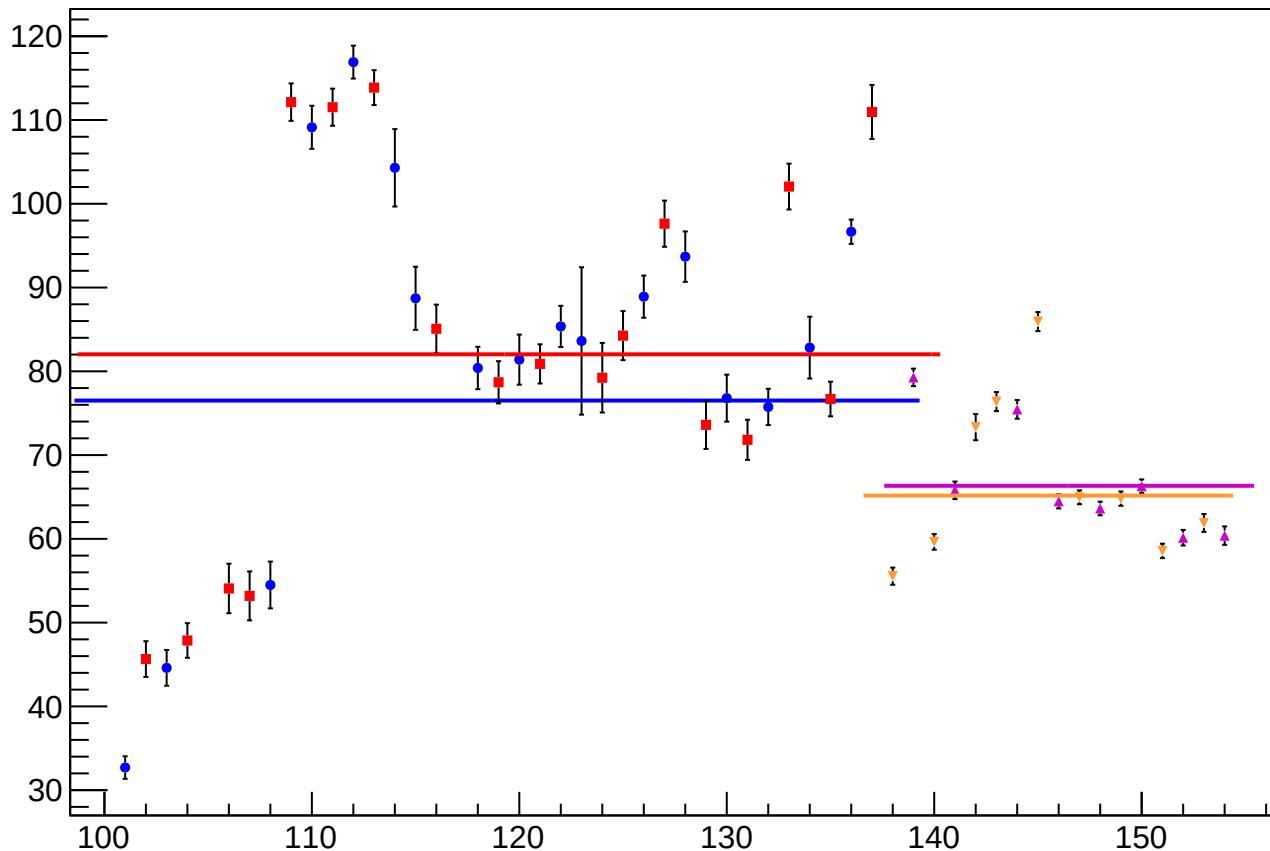
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 2.586 ± 0.182 χ^2/NDF : 440.5/24

Out: 2.709 ± 0.180 χ^2/NDF : 557.8/26

All: 2.648 ± 0.128 χ^2/NDF : 998.5/51

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 65.164 $\pm$ 0.331 χ^2 /NDF: 650.2/8

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 66.334 $\pm$ 0.333 χ^2 /NDF: 311.0/7

Left: 65.746 $\pm$ 0.235 χ^2 /NDF: 967.4/16

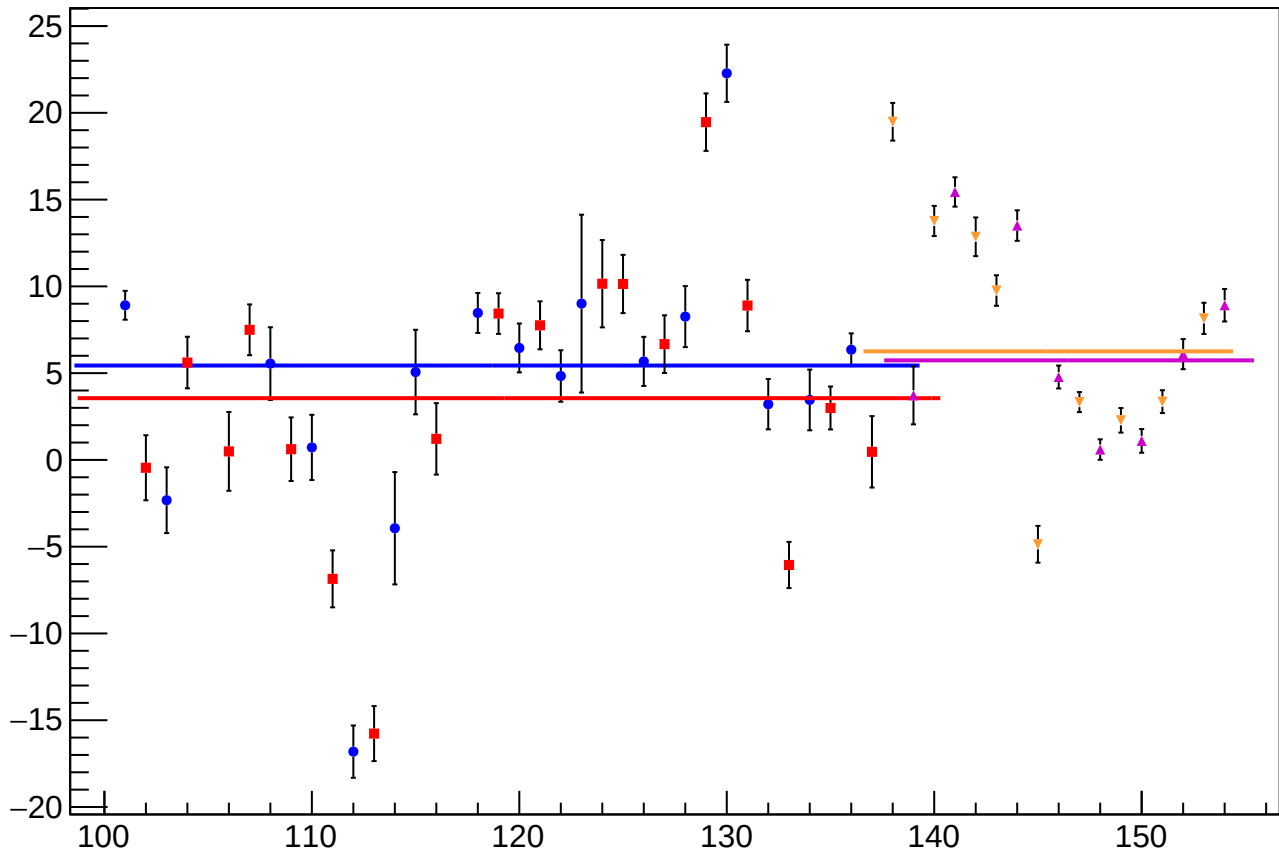
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 68.893 $\pm$ 0.288 χ^2 /NDF: 2796.9/24

Out: 69.175 $\pm$ 0.289 χ^2 /NDF: 2815.5/26

All: 69.034 $\pm$ 0.204 χ^2 /NDF: 5612.9/51

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: 6.256 ± 0.270 χ^2/NDF : 464.9/8

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 5.736 ± 0.279 χ^2/NDF : 347.1/7

Left: 6.004 ± 0.194 χ^2/NDF : 813.8/16

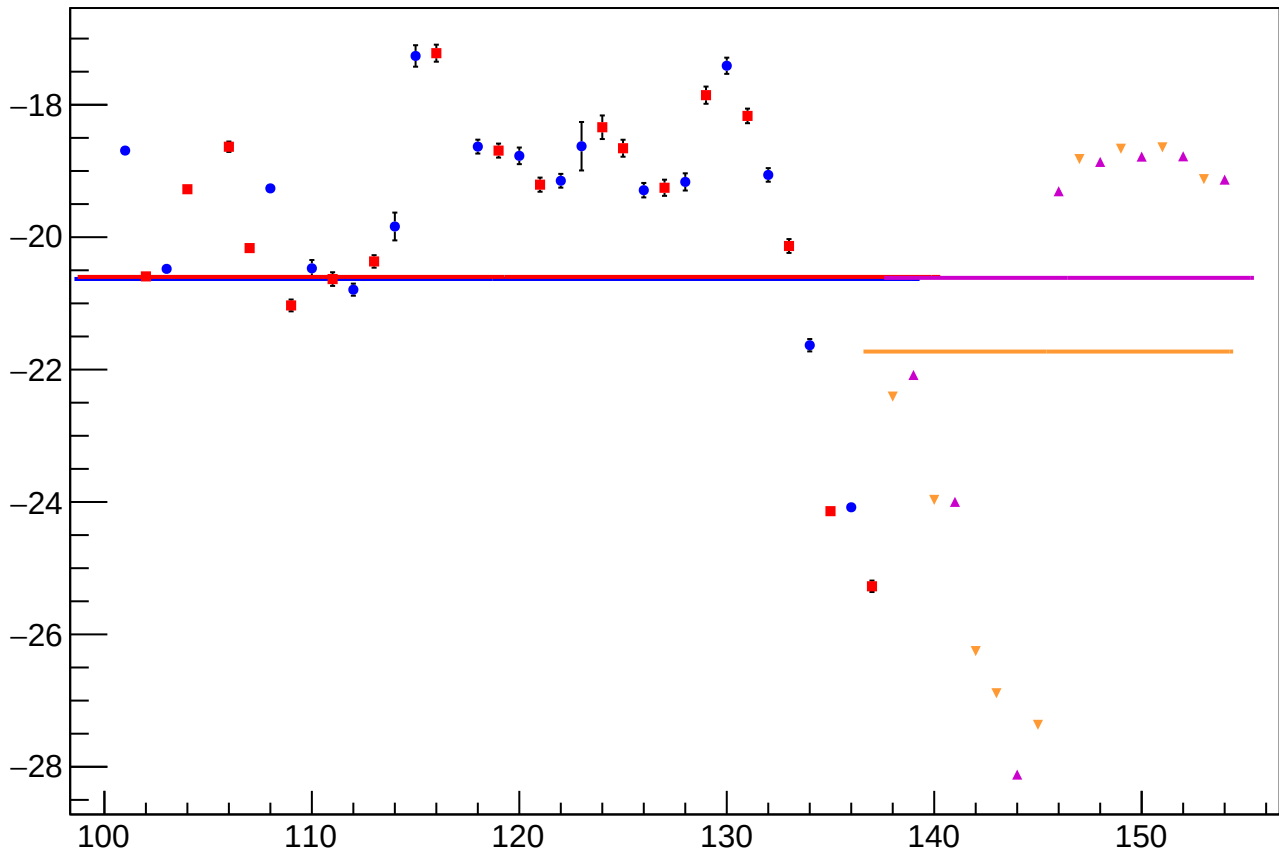
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 5.624 ± 0.220 χ^2/NDF : 733.7/24

Out: 5.334 ± 0.219 χ^2/NDF : 919.6/26

All: 5.478 ± 0.155 χ^2/NDF : 1654.2/51

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -21.728+/-0.014 χ^2/NDF : 60904.9/8

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -20.614+/-0.014 χ^2/NDF : 41957.5/7

Left: -21.162+/-0.010 χ^2/NDF : 106160.0/16

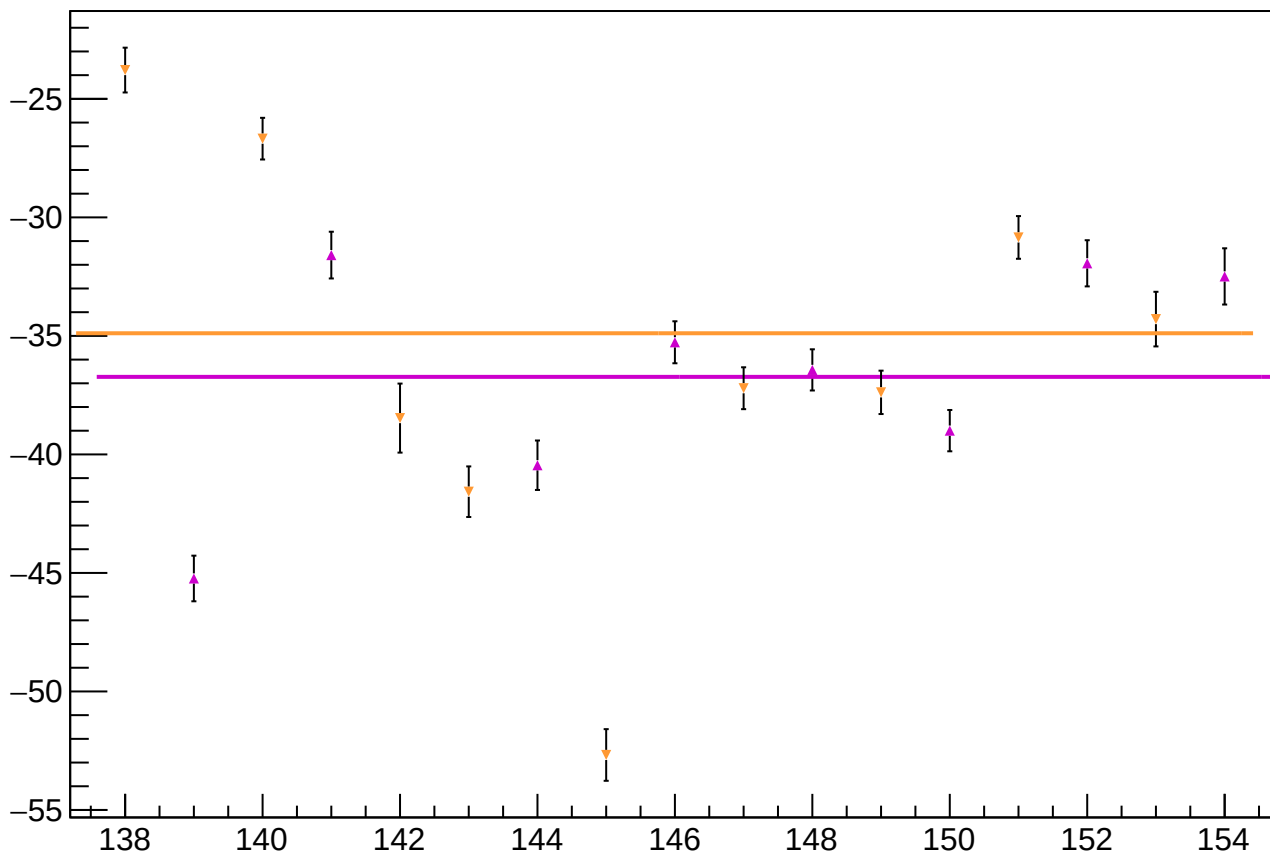
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -20.620+/-0.011 χ^2/NDF : 54459.6/24

Out: -21.349+/-0.011 χ^2/NDF : 75110.3/26

All: -20.980+/-0.008 χ^2/NDF : 131694.2/51

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.889+/-0.332 χ^2/NDF :571.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.728+/-0.339 χ^2/NDF :164.6/7

Left: -35.790+/-0.237 χ^2/NDF : 751.5/16

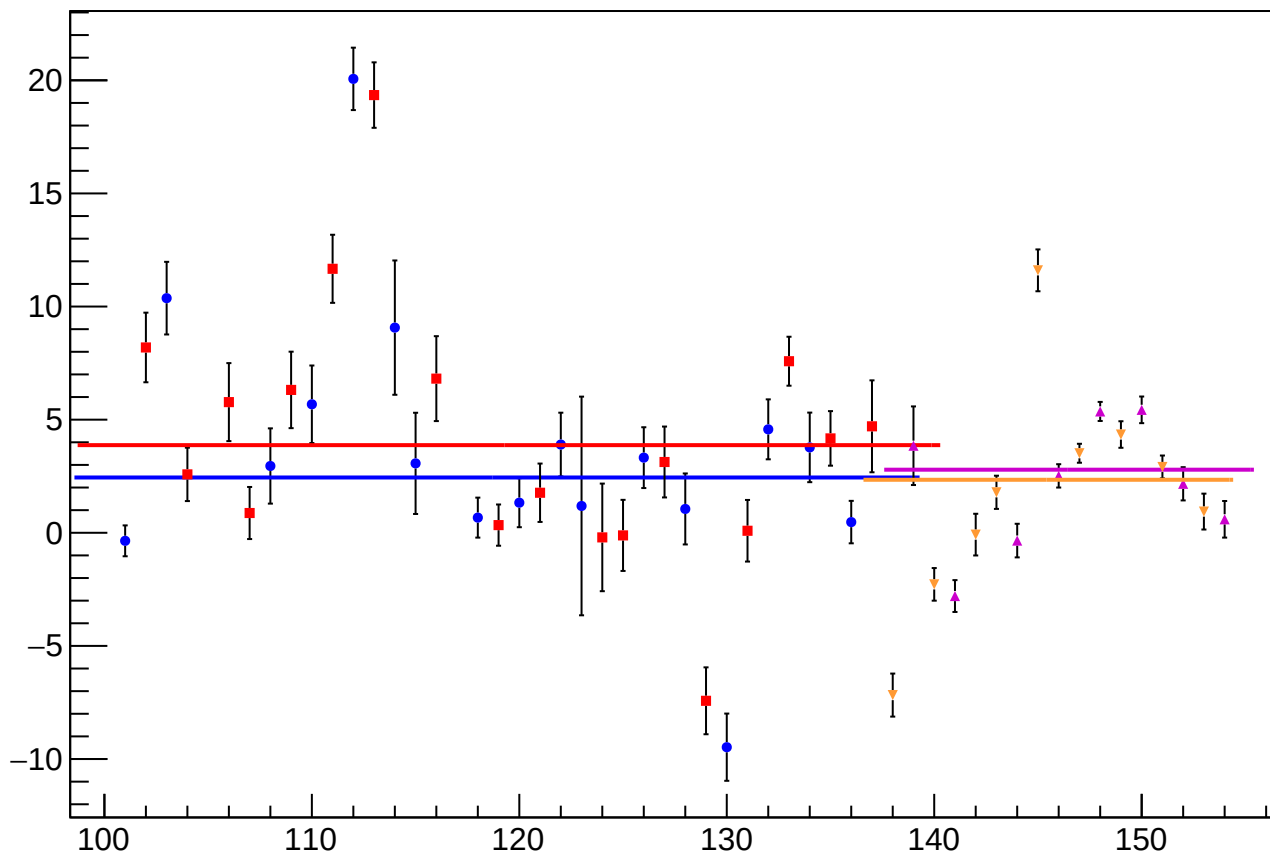
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.728+/-0.339 χ^2/NDF :164.6/7

Out: -34.889+/-0.332 χ^2/NDF :571.8/8

All: -35.790+/-0.237 χ^2/NDF : 751.5/16

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: 2.343 ± 0.216 χ^2/NDF : 272.8/8

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 2.789 ± 0.225 χ^2/NDF : 147.0/7

Left: 2.558 ± 0.156 χ^2/NDF : 421.9/16

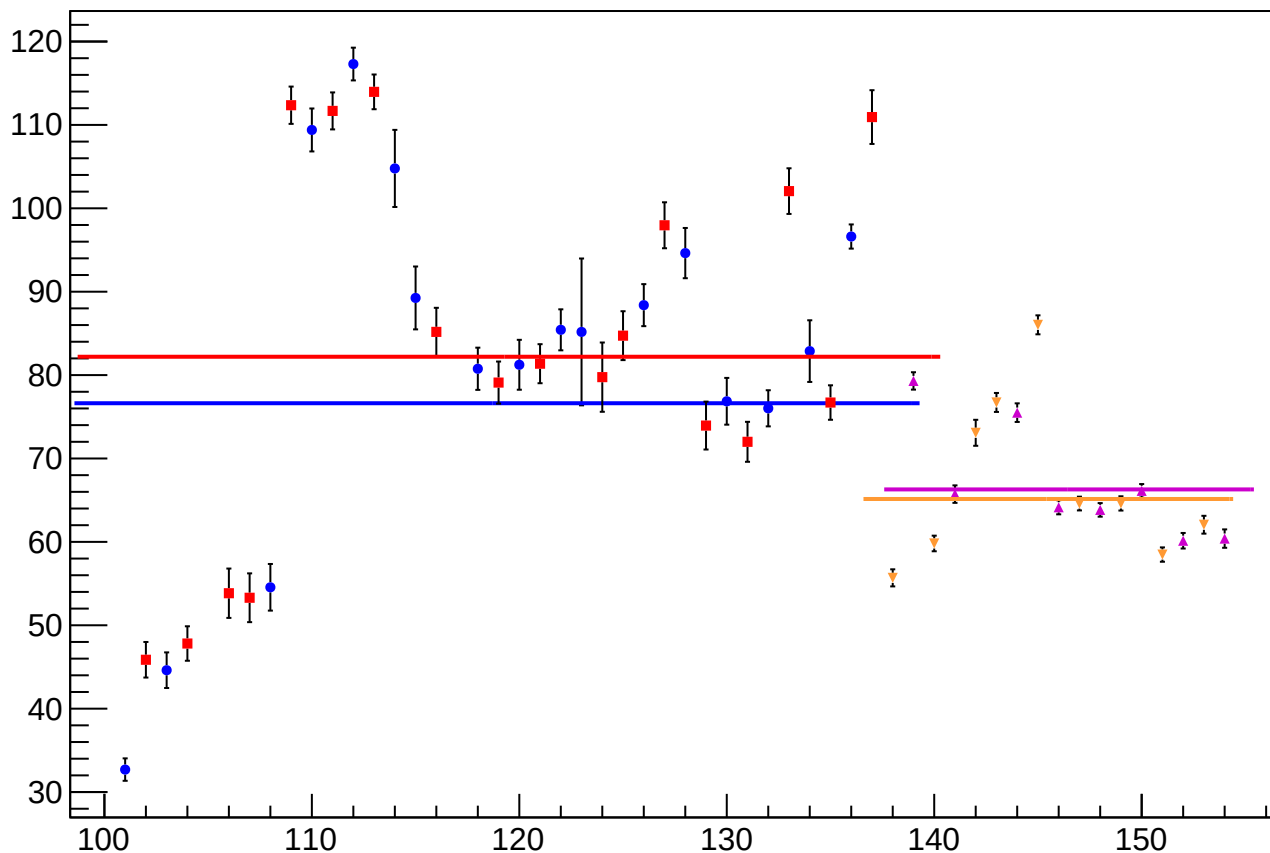
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.671 ± 0.182 χ^2/NDF : 440.5/24

Out: 2.810 ± 0.180 χ^2/NDF : 556.3/26

All: 2.741 ± 0.128 χ^2/NDF : 997.2/51

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 65.143 $\pm$ 0.331 χ^2 /NDF: 653.1/8

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 66.291 $\pm$ 0.333 χ^2 /NDF: 311.9/7

Left: 65.714 $\pm$ 0.235 χ^2 /NDF: 971.0/16

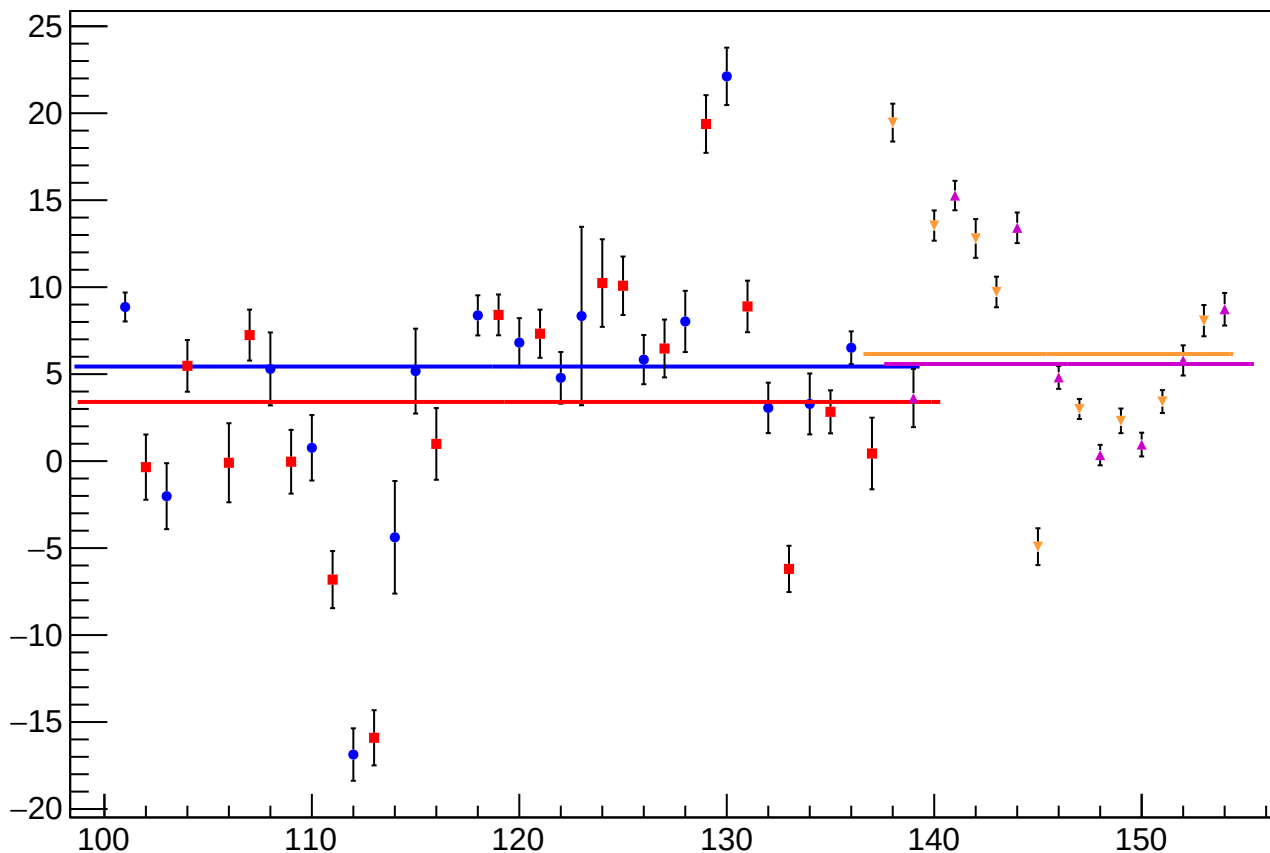
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 68.891 $\pm$ 0.288 χ^2 /NDF: 2817.0/24

Out: 69.200 $\pm$ 0.289 χ^2 /NDF: 2834.1/26

All: 69.045 $\pm$ 0.204 χ^2 /NDF: 5651.6/51

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 6.156 $\pm$ 0.270 χ^2 /NDF:463.9/8

Right Out: 3.401 $\pm$ 0.375 χ^2 /NDF: 420.9/17

Left In: 5.583 $\pm$ 0.279 χ^2 /NDF:349.0/7

Left: 5.879 $\pm$ 0.194 χ^2 /NDF: 815.0/16

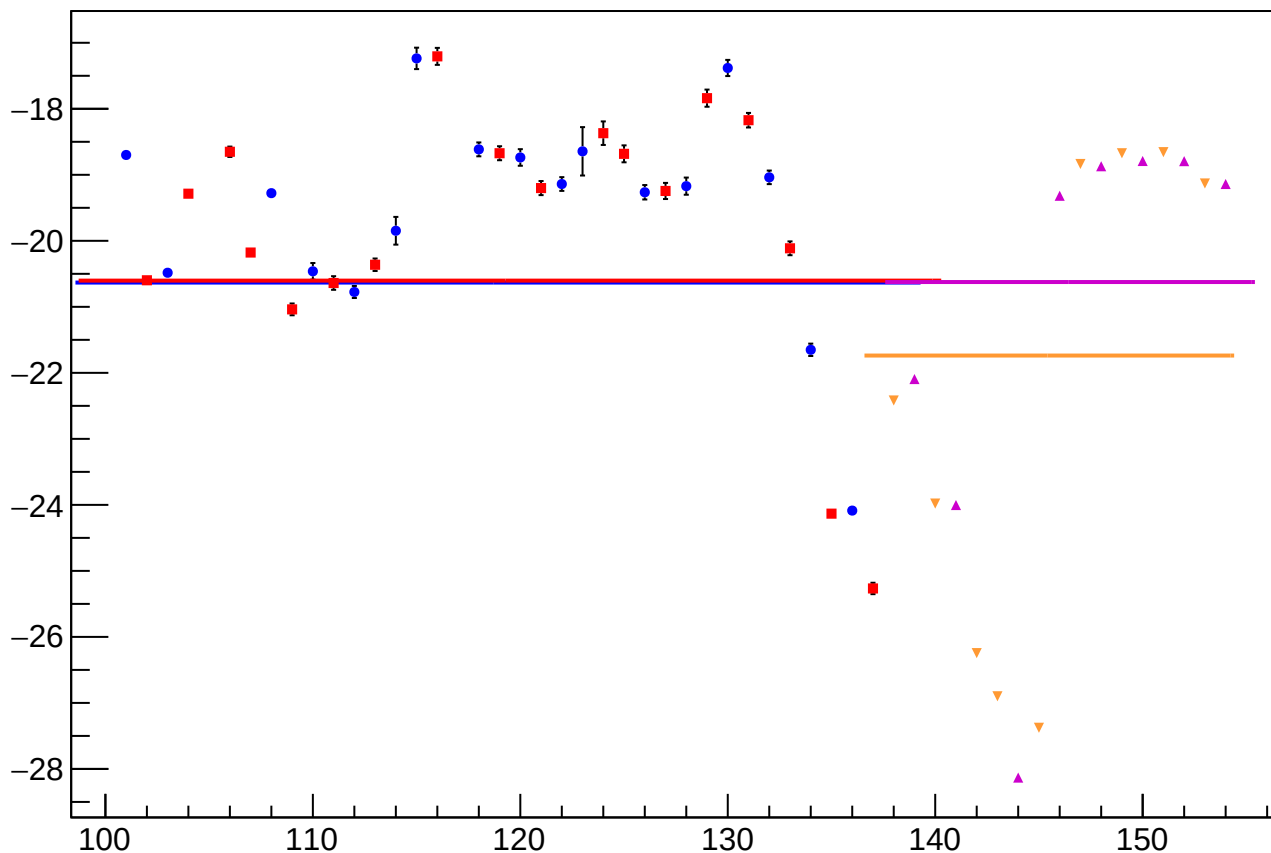
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 5.528 $\pm$ 0.220 χ^2 /NDF:733.6/24

Out: 5.215 $\pm$ 0.219 χ^2 /NDF:920.2/26

All: 5.371 $\pm$ 0.155 χ^2 /NDF: 1654.8/51

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: -21.738 ± 0.014 $\chi^2/\text{NDF}: 60773.8/8$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -20.624 ± 0.014 $\chi^2/\text{NDF}: 41913.2/7$

Left: -21.172 ± 0.010 $\chi^2/\text{NDF}: 105982.4/16$

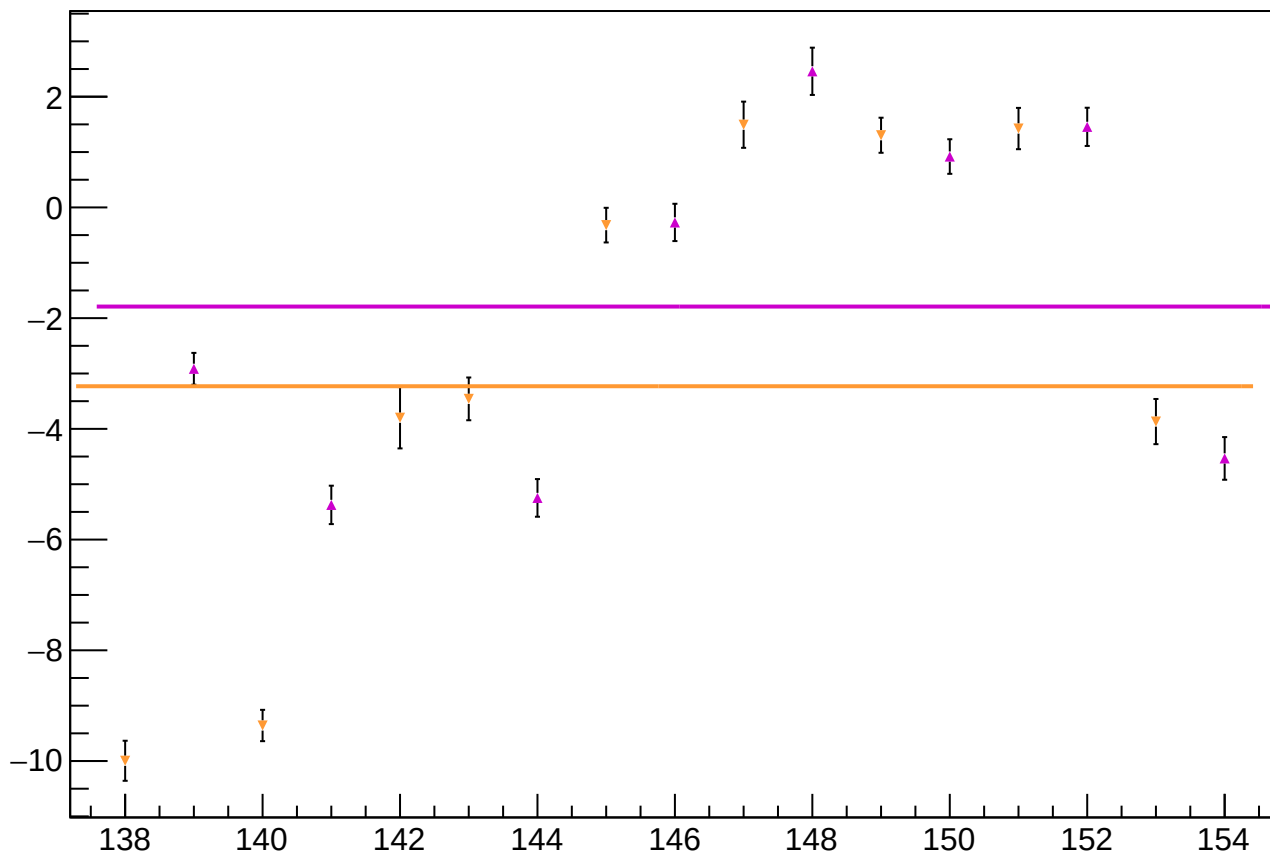
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.627 ± 0.011 $\chi^2/\text{NDF}: 54456.5/24$

Out: -21.357 ± 0.011 $\chi^2/\text{NDF}: 74958.7/26$

All: -20.987 ± 0.008 $\chi^2/\text{NDF}: 131541.4/51$

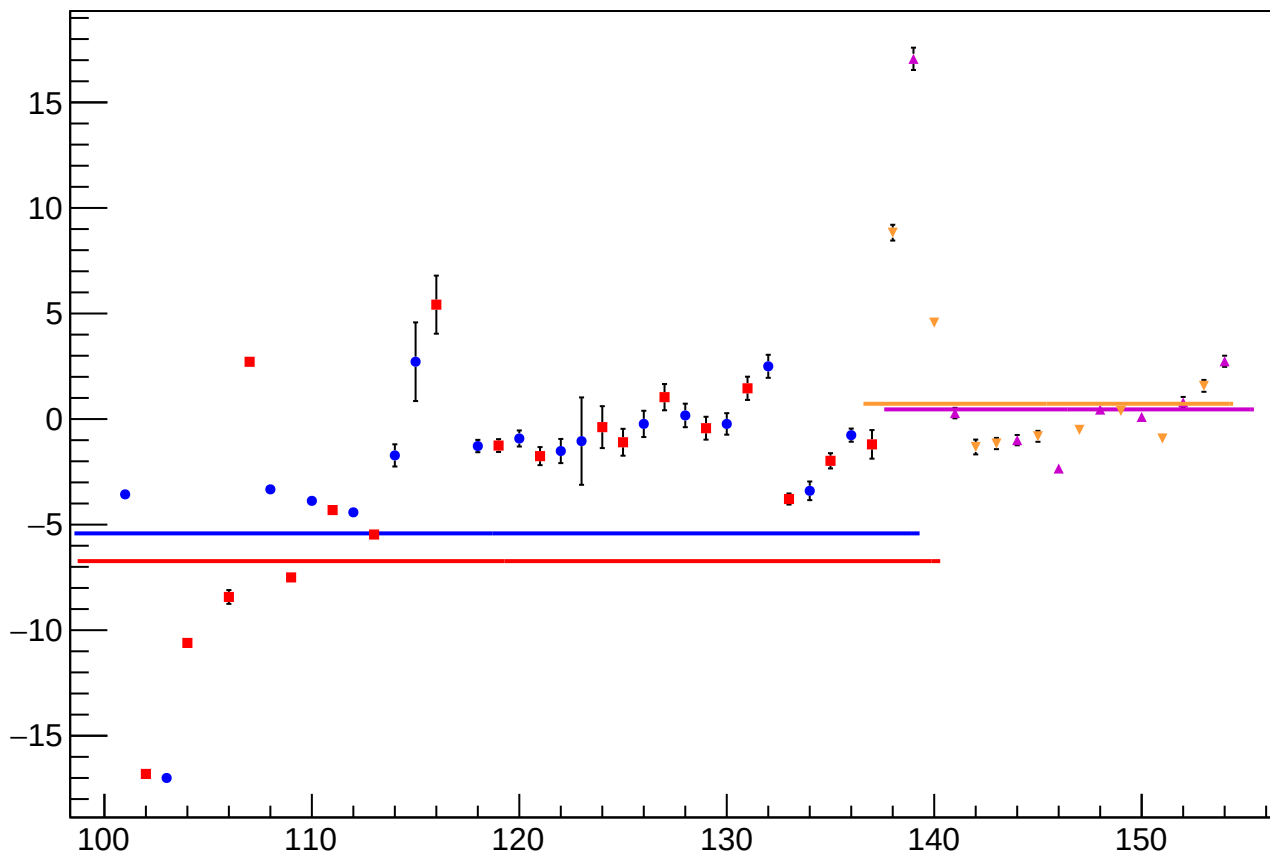
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.230+/-0.120 χ^2/NDF :1397.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.791+/-0.121 χ^2/NDF :559.0/7

Left: -2.513+/-0.085 χ^2/NDF : 2028.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.791+/-0.121 χ^2/NDF :559.0/7
 Out: -3.230+/-0.120 χ^2/NDF :1397.8/8
 All: -2.513+/-0.085 χ^2/NDF : 2028.3/16

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415+/-0.055 χ^2/NDF : 9255.1/16

Left Out: 0.725+/-0.083 χ^2/NDF :959.4/8

Right Out: -6.729+/-0.060 χ^2/NDF : 11217.0/17

Left In: 0.458+/-0.087 χ^2/NDF :1272.6/7

Left: 0.597+/-0.060 χ^2/NDF : 2236.9/16

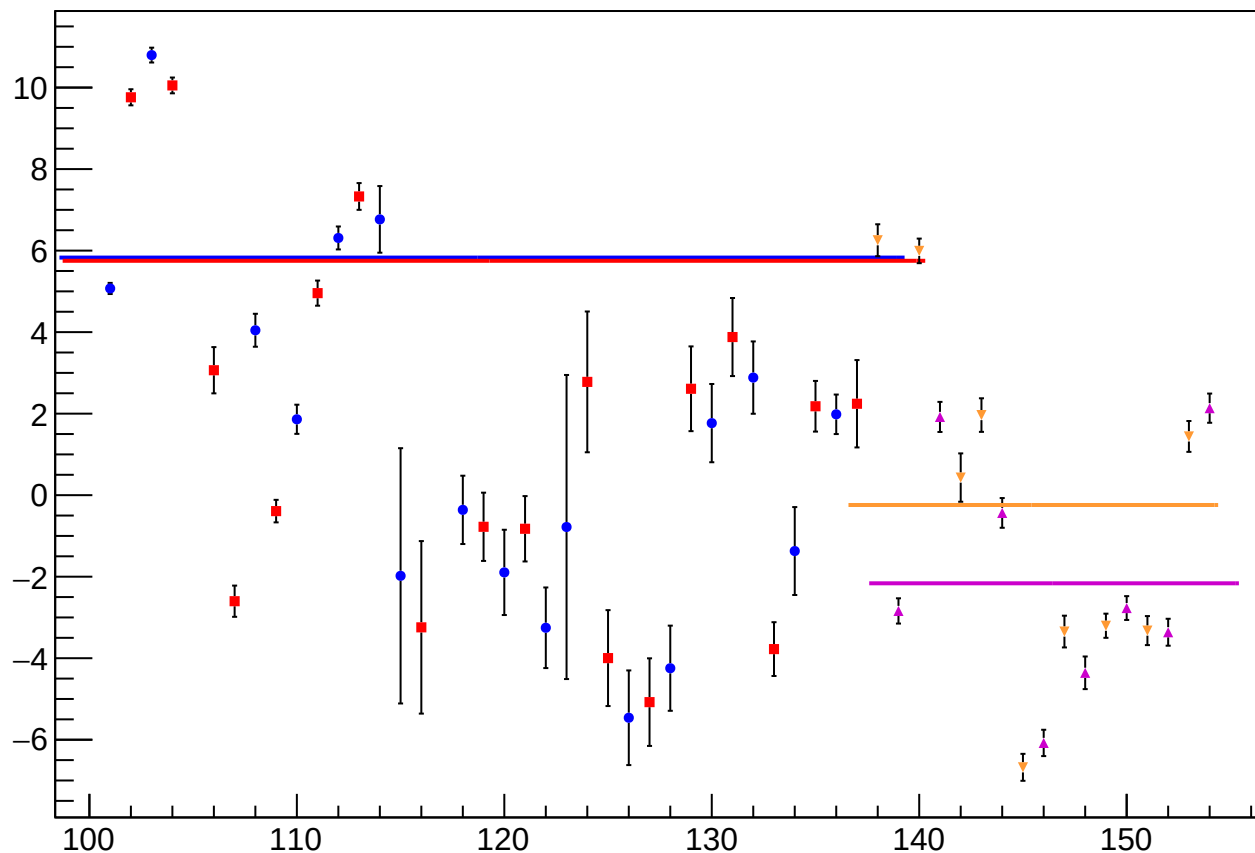
Right: -6.014+/-0.040 χ^2/NDF : 20734.4/34

In: -3.747+/-0.046 χ^2/NDF :13794.8/24

Out: -4.197+/-0.049 χ^2/NDF :17449.3/26

All: -3.961+/-0.034 χ^2/NDF : 31289.0/51

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: -0.241 ± 0.121 $\chi^2/\text{NDF}: 1368.8/8$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -2.162 ± 0.120 $\chi^2/\text{NDF}: 488.2/7$

Left: -1.212 ± 0.085 $\chi^2/\text{NDF}: 1984.4/16$

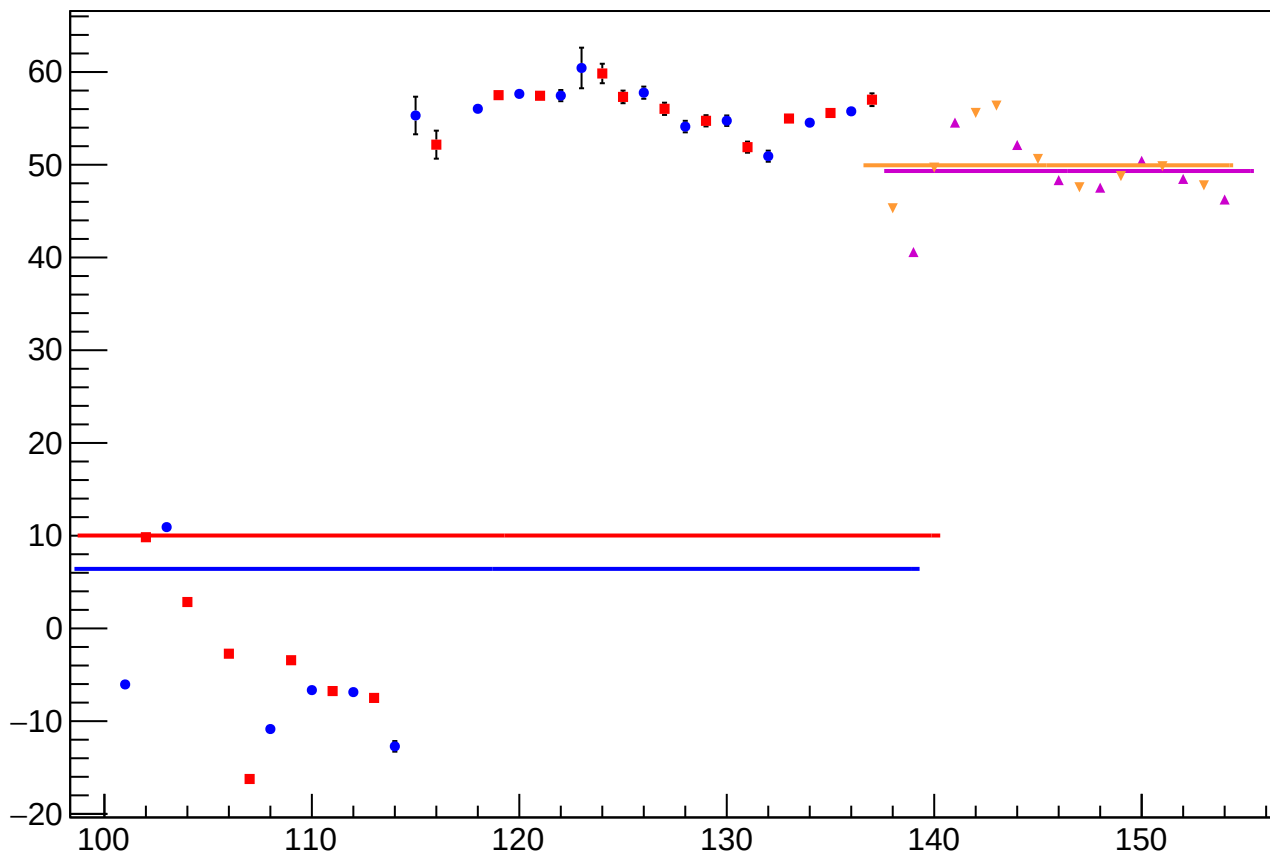
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 2.959 ± 0.072 $\chi^2/\text{NDF}: 4792.3/24$

Out: 3.431 ± 0.075 $\chi^2/\text{NDF}: 5380.6/26$

All: 3.183 ± 0.052 $\chi^2/\text{NDF}: 10193.5/51$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 $\chi^2/\text{NDF}: 123109.7/16$

Left Out: 49.943 ± 0.102 $\chi^2/\text{NDF}: 850.5/8$

Right Out: 10.019 ± 0.071 $\chi^2/\text{NDF}: 122082.4/17$

Left In: 49.325 ± 0.105 $\chi^2/\text{NDF}: 875.0/7$

Left: 49.643 ± 0.073 $\chi^2/\text{NDF}: 1743.5/16$

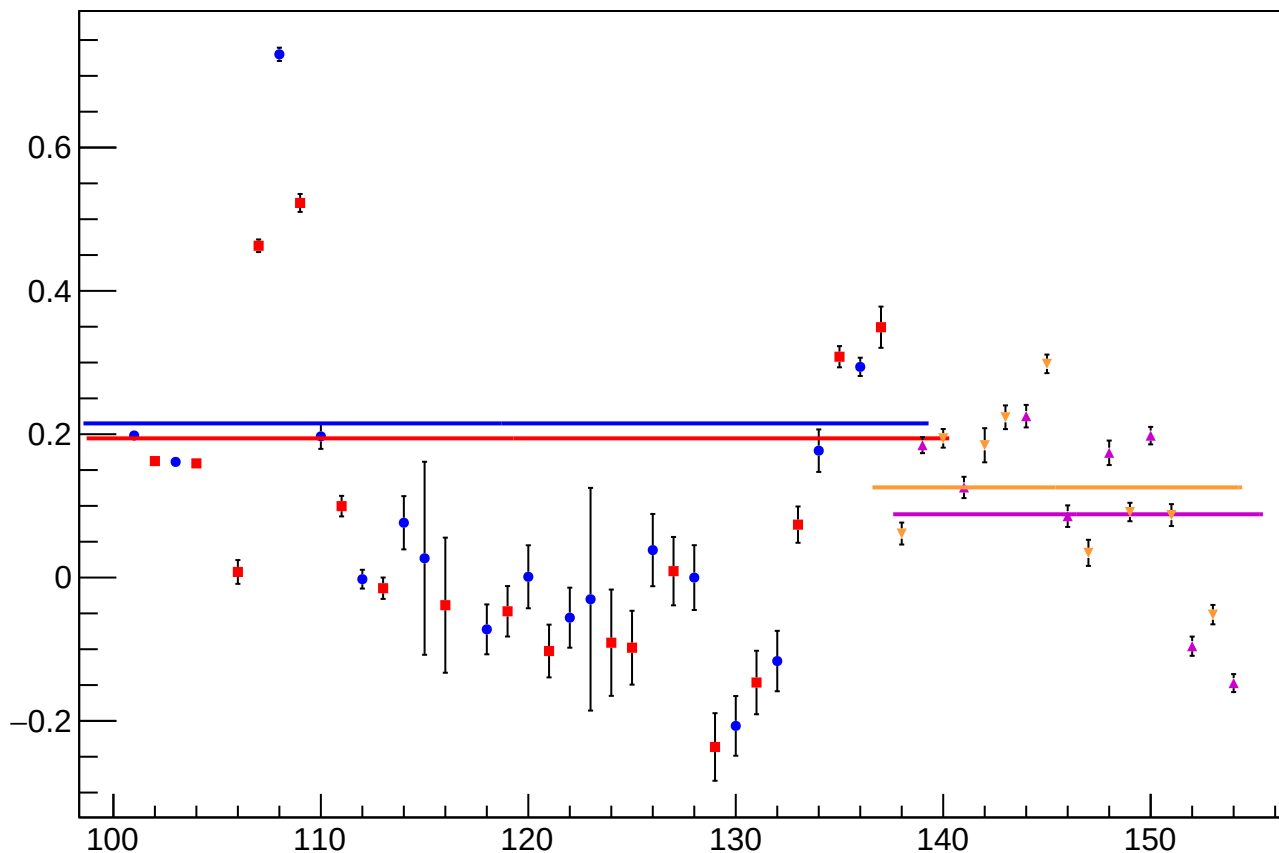
Right: 8.061 ± 0.048 $\chi^2/\text{NDF}: 246600.2/34$

In: 18.272 ± 0.055 $\chi^2/\text{NDF}: 245329.2/24$

Out: 23.030 ± 0.058 $\chi^2/\text{NDF}: 226786.3/26$

All: 20.525 ± 0.040 $\chi^2/\text{NDF}: 475649.7/51$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.126 $\pm$ 0.005 χ^2 /NDF:473.9/8

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.088 $\pm$ 0.005 χ^2 /NDF:804.1/7

Left: 0.106 $\pm$ 0.003 χ^2 /NDF: 1307.3/16

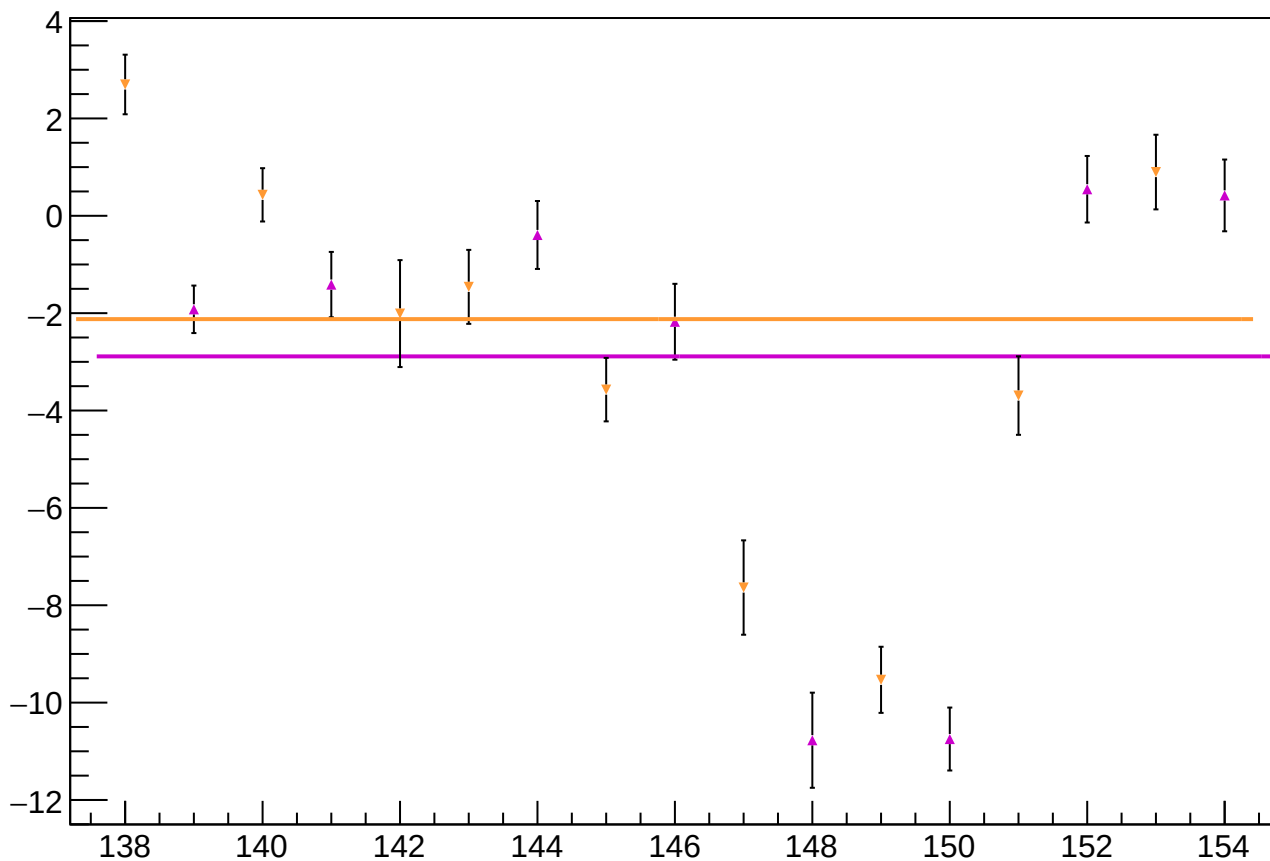
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.184 $\pm$ 0.002 χ^2 /NDF:5252.2/24

Out: 0.178 $\pm$ 0.002 χ^2 /NDF:3138.7/26

All: 0.181 $\pm$ 0.002 χ^2 /NDF: 8393.4/51

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.122+/-0.240 χ^2/NDF :260.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.888+/-0.239 χ^2/NDF :280.7/7

Left: -2.507+/-0.169 χ^2/NDF : 546.0/16

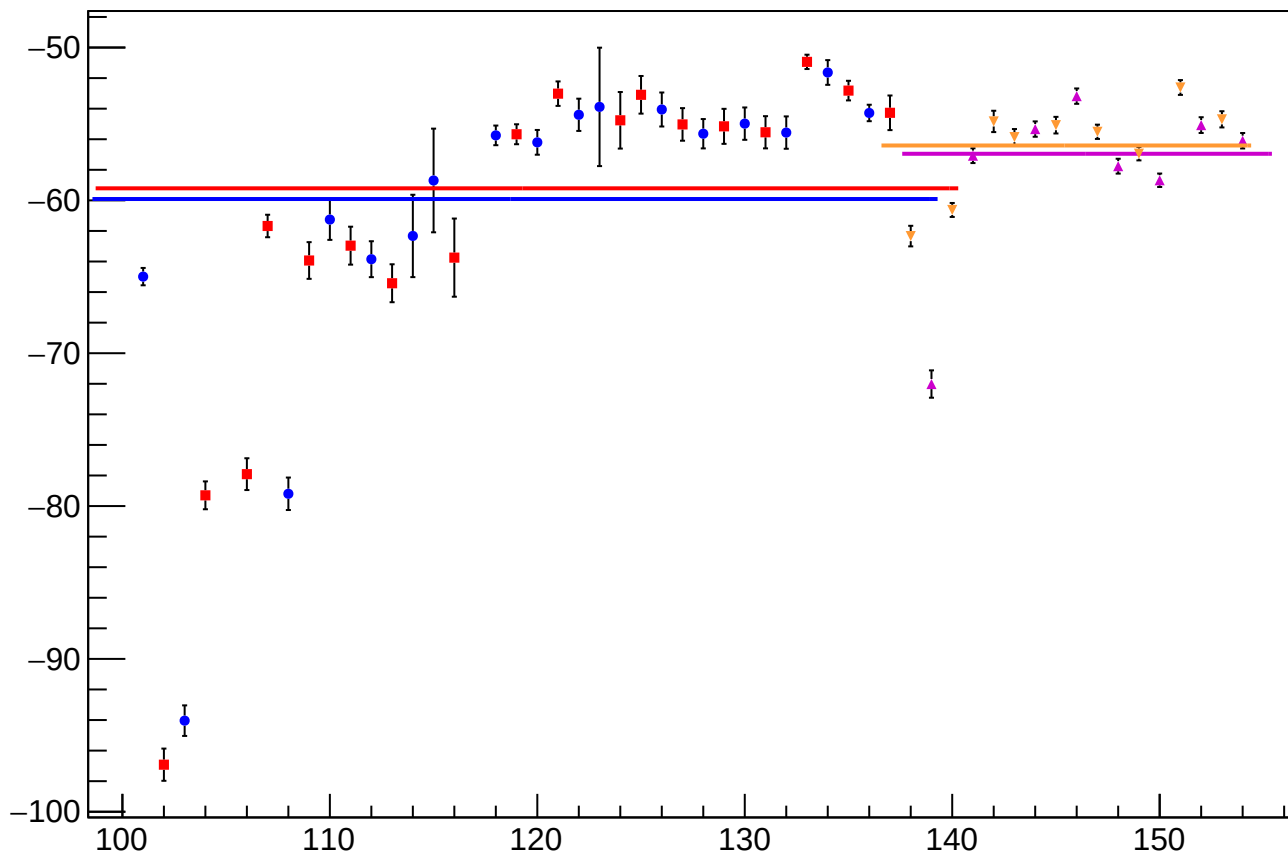
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.888+/-0.239 χ^2/NDF :280.7/7

Out: -2.122+/-0.240 χ^2/NDF :260.2/8

All: -2.507+/-0.169 χ^2/NDF : 546.0/16

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: -56.408 $\pm$ 0.173 χ^2/NDF : 251.5/8

Right Out: -59.212 $\pm$ 0.212 χ^2/NDF : 2742.9/17

Left In: -56.951 $\pm$ 0.181 χ^2/NDF : 384.4/7

Left: -56.667 $\pm$ 0.125 χ^2/NDF : 640.6/16

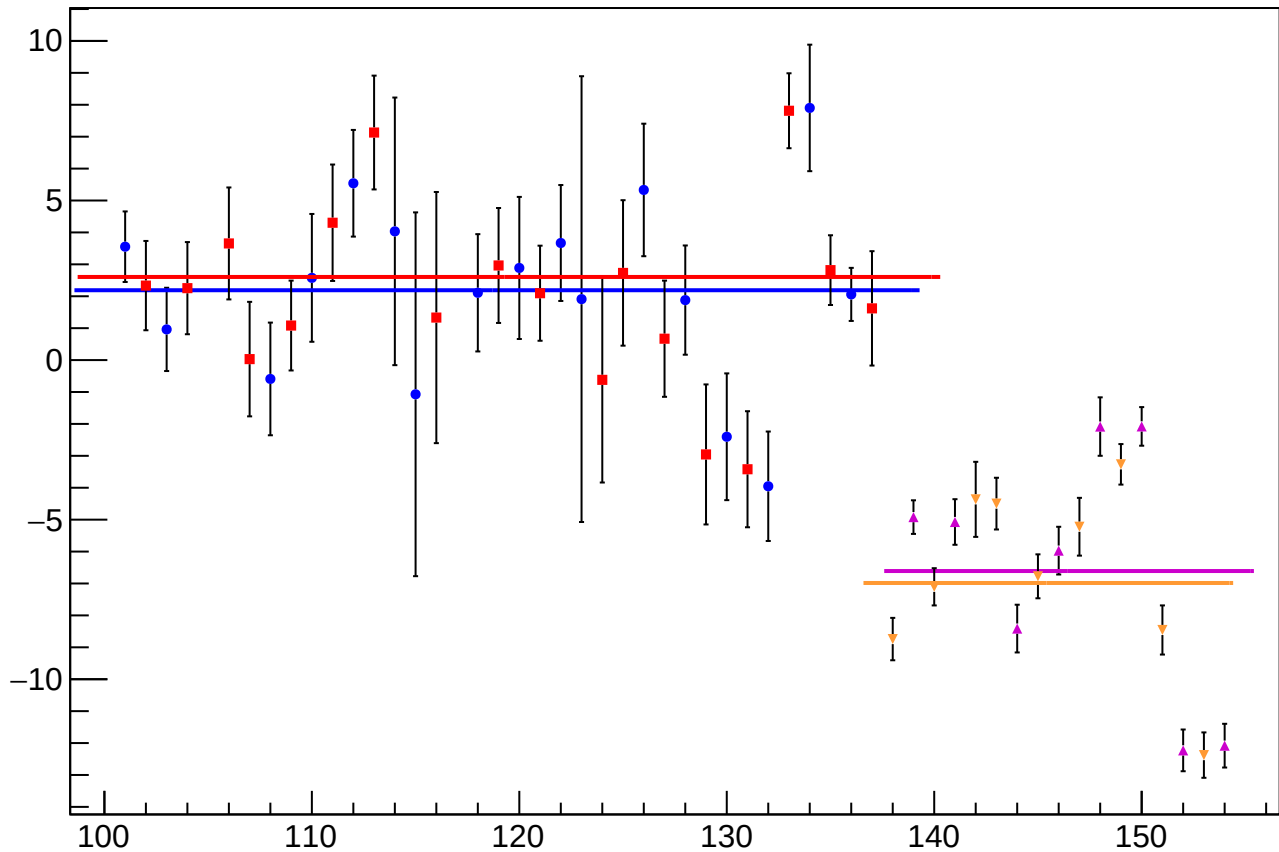
Right: -59.544 $\pm$ 0.154 χ^2/NDF : 4728.9/34

In: -58.125 $\pm$ 0.141 χ^2/NDF : 2471.3/24

Out: -57.524 $\pm$ 0.134 χ^2/NDF : 3099.3/26

All: -57.810 $\pm$ 0.097 χ^2/NDF : 5580.2/51

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.984 ± 0.243 $\chi^2/\text{NDF}: 120.8/8$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -6.610 ± 0.239 $\chi^2/\text{NDF}: 239.7/7$

Left: -6.794 ± 0.170 $\chi^2/\text{NDF}: 361.7/16$

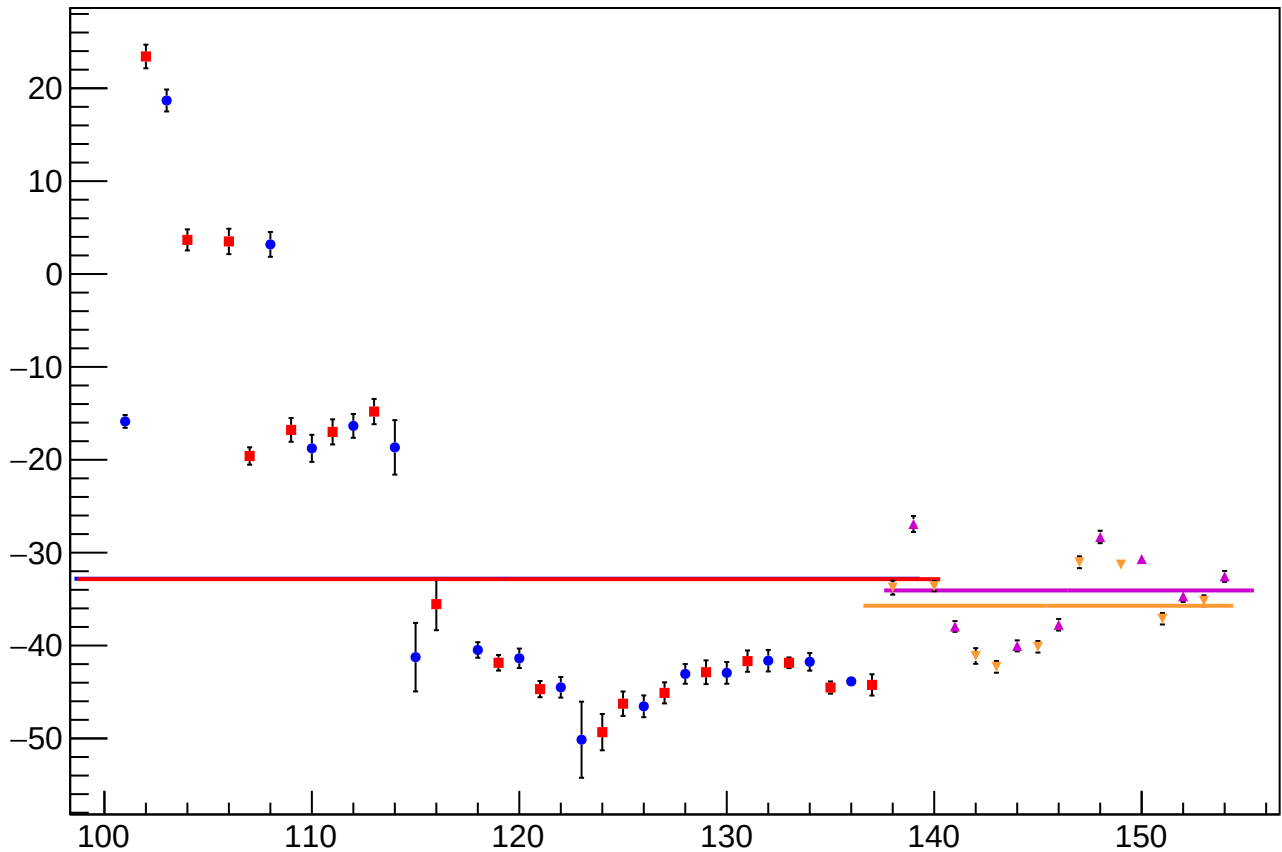
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -4.337 ± 0.206 $\chi^2/\text{NDF}: 629.6/24$

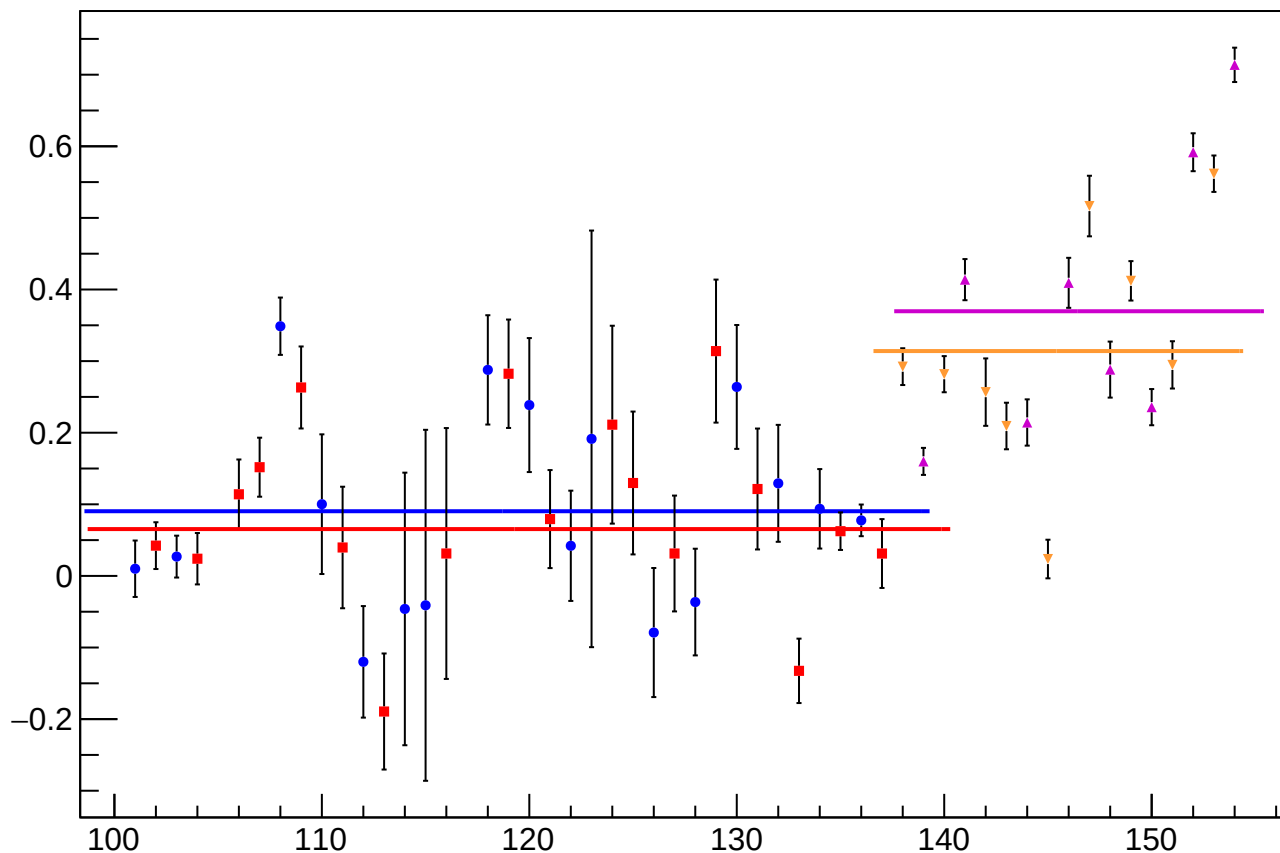
Out: -4.310 ± 0.206 $\chi^2/\text{NDF}: 605.5/26$

All: -4.323 ± 0.146 $\chi^2/\text{NDF}: 1235.2/51$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.314 ± 0.010 $\chi^2/\text{NDF}: 261.0/8$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.370 ± 0.009 $\chi^2/\text{NDF}: 458.7/7$

Left: 0.343 ± 0.007 $\chi^2/\text{NDF}: 736.2/16$

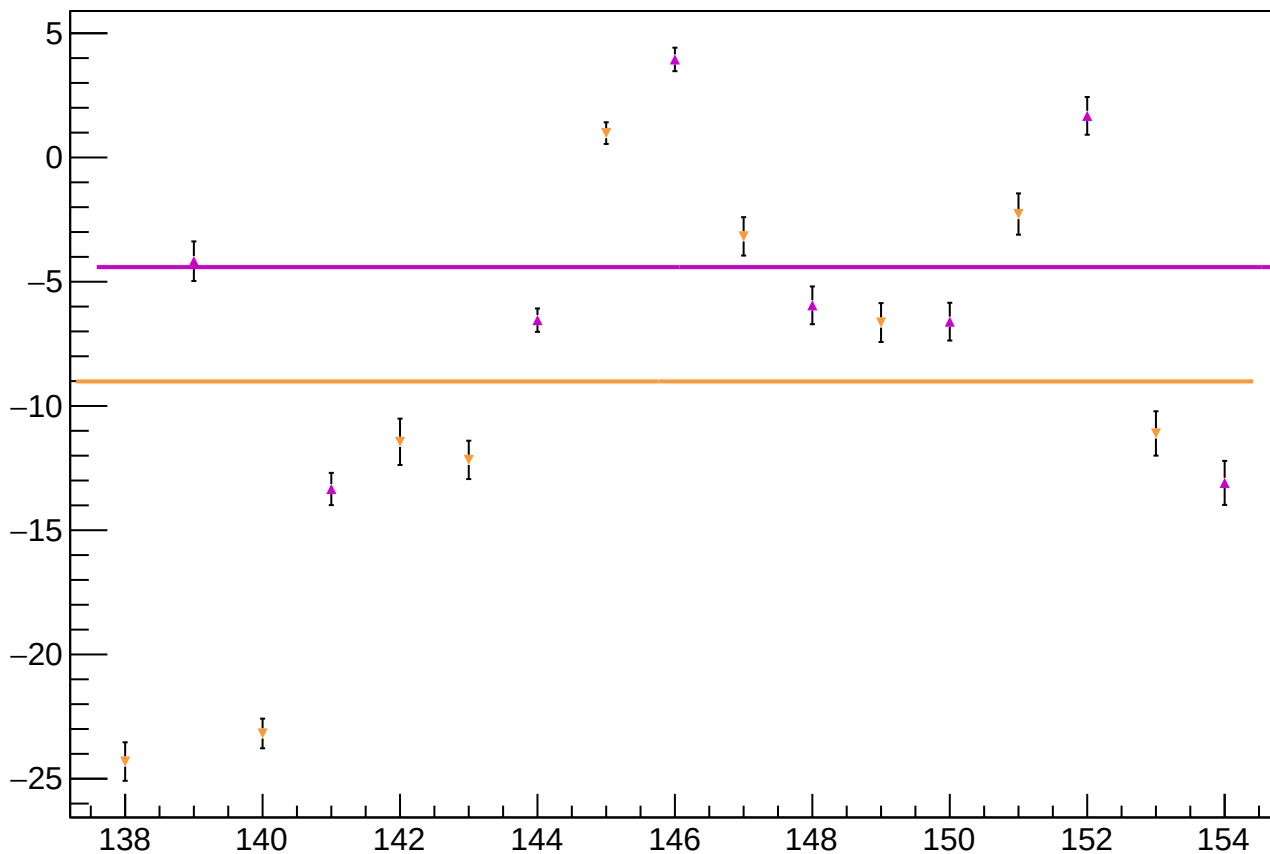
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.270 ± 0.008 $\chi^2/\text{NDF}: 848.3/24$

Out: 0.216 ± 0.008 $\chi^2/\text{NDF}: 576.0/26$

All: 0.243 ± 0.005 $\chi^2/\text{NDF}: 1449.8/51$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



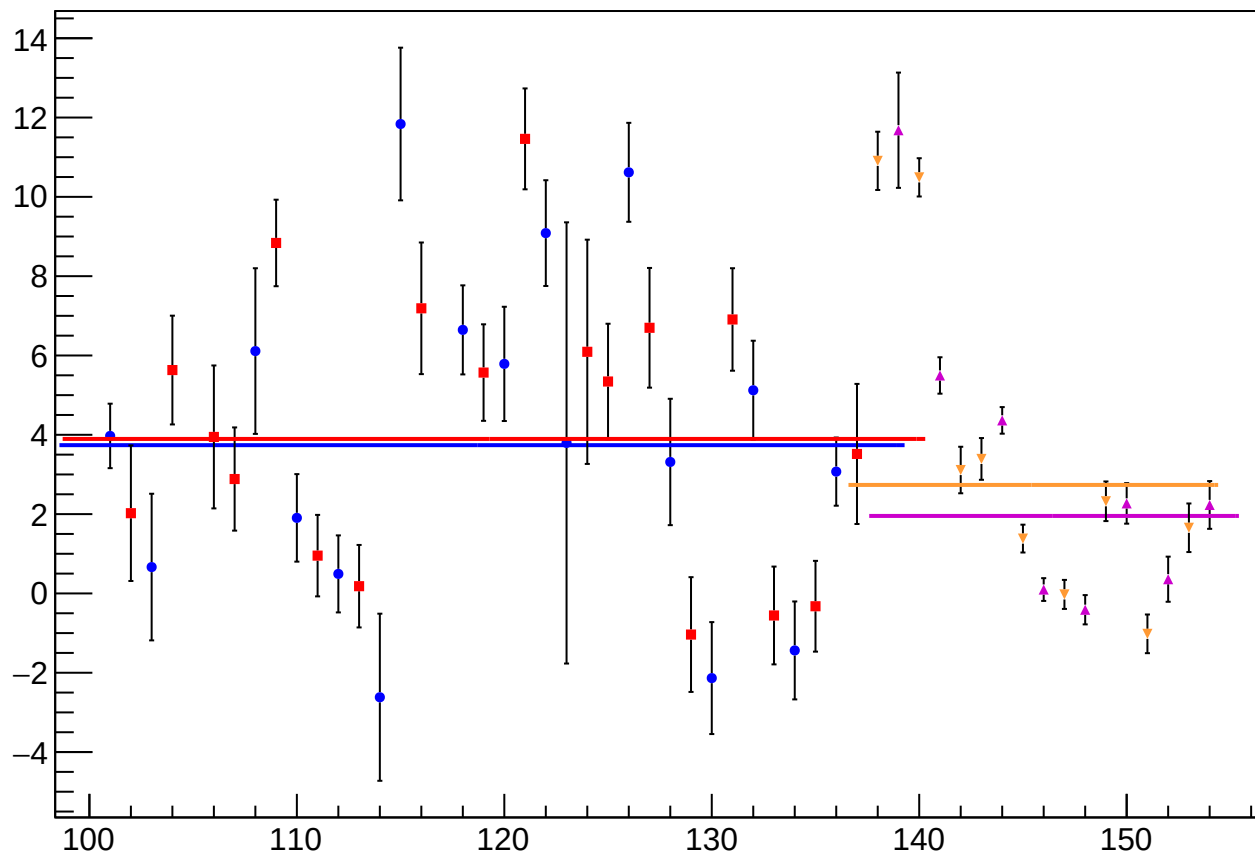
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.011+/-0.232 χ^2/NDF : 1639.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.410+/-0.227 χ^2/NDF : 695.3/7

Left: -6.661+/-0.162 χ^2/NDF : 2536.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.410+/-0.227 χ^2/NDF : 695.3/7
 Out: -9.011+/-0.232 χ^2/NDF : 1639.9/8

All: -6.661+/-0.162 χ^2/NDF : 2536.1/16

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.736 $\pm$ 0.160 χ^2 /NDF:519.0/8

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 1.954 $\pm$ 0.152 χ^2 /NDF:247.3/7

Left: 2.325 $\pm$ 0.110 χ^2 /NDF: 778.8/16

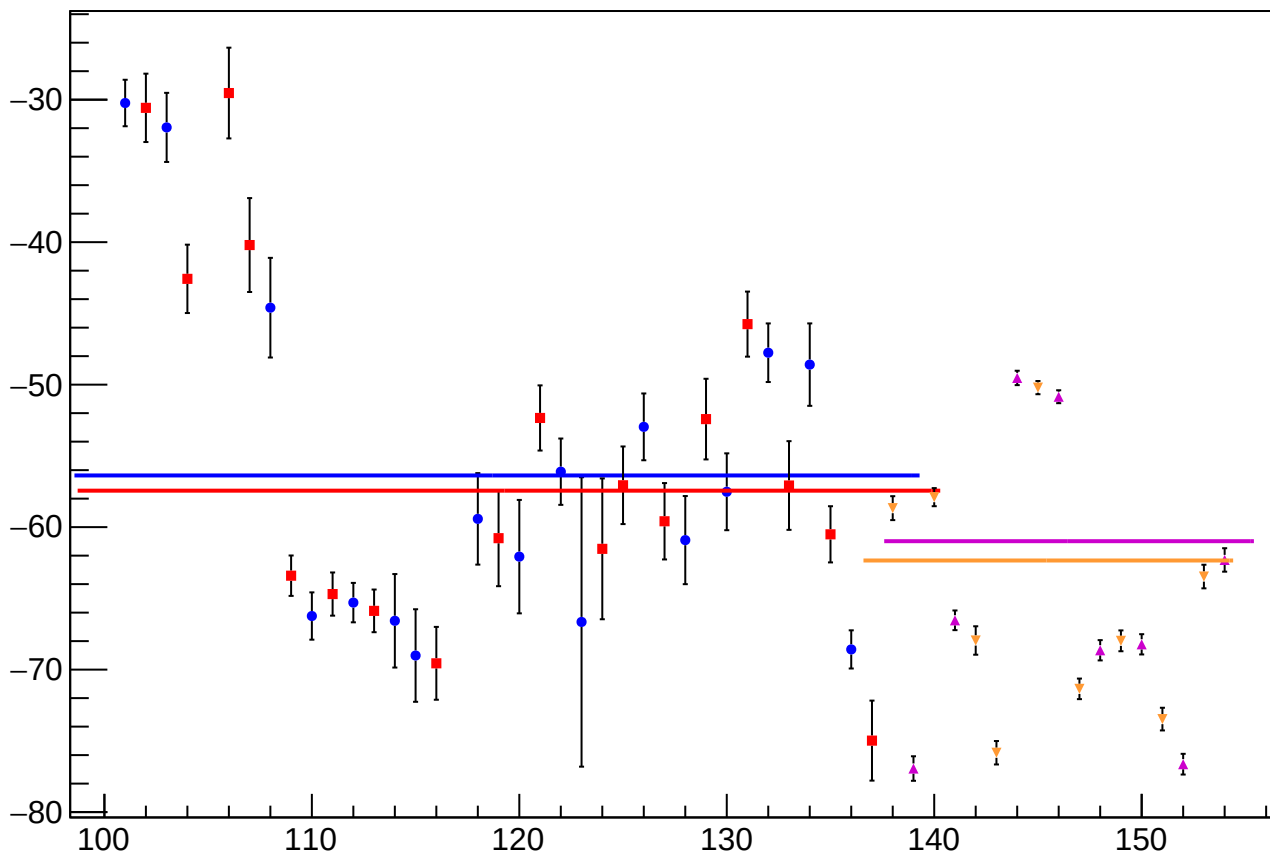
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.302 $\pm$ 0.136 χ^2 /NDF:411.0/24

Out: 2.972 $\pm$ 0.143 χ^2 /NDF:664.5/26

All: 2.622 $\pm$ 0.099 χ^2 /NDF: 1087.1/51

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -62.341 ± 0.237 $\chi^2/\text{NDF}: 1466.0/8$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -60.986 ± 0.226 $\chi^2/\text{NDF}: 2108.1/7$

Left: -61.633 ± 0.164 $\chi^2/\text{NDF}: 3591.3/16$

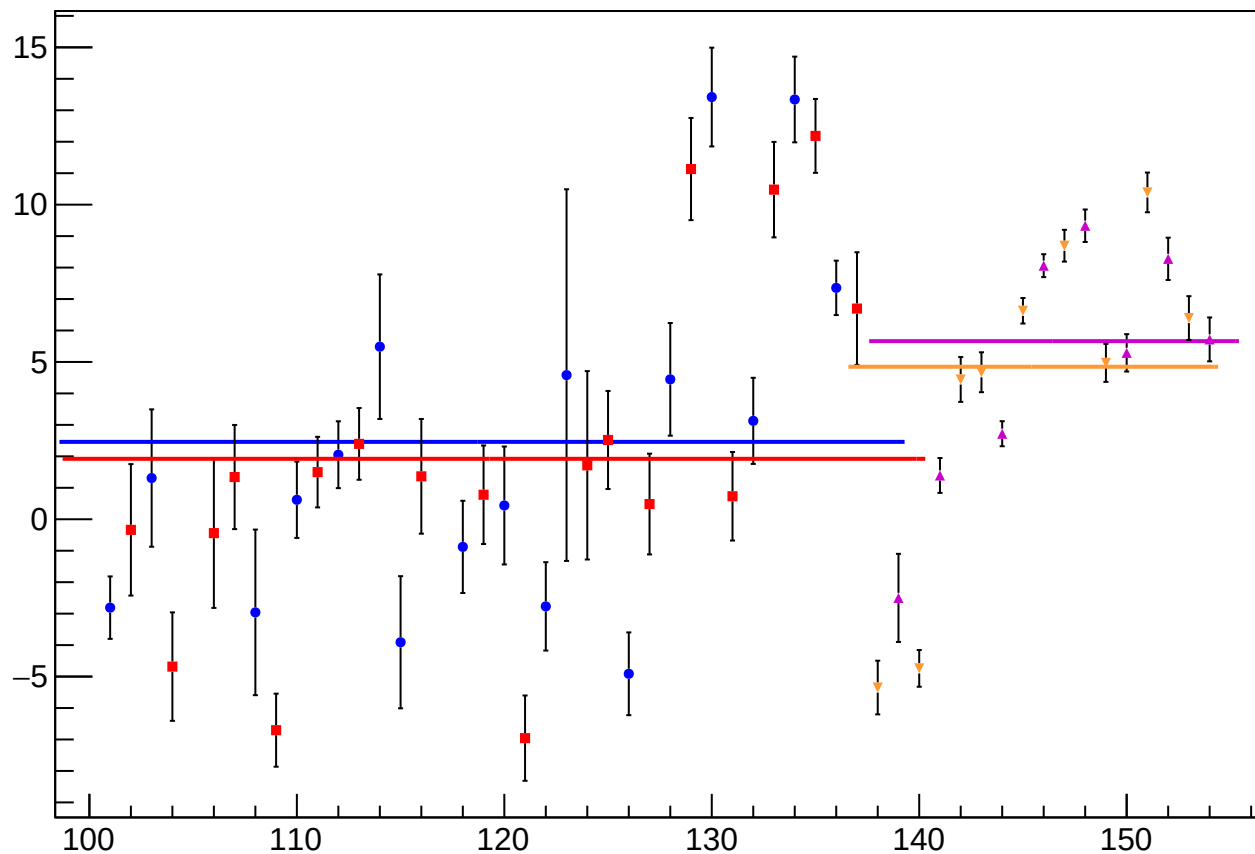
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -60.304 ± 0.209 $\chi^2/\text{NDF}: 2757.2/24$

Out: -61.544 ± 0.217 $\chi^2/\text{NDF}: 1976.7/26$

All: -60.901 ± 0.150 $\chi^2/\text{NDF}: 4750.9/51$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2/NDF : 243.9/16

Left Out: 4.848 $\pm$ 0.196 χ^2/NDF :572.0/8

Right Out: 1.922 $\pm$ 0.355 χ^2/NDF : 265.1/17

Left In: 5.662 $\pm$ 0.187 χ^2/NDF :257.2/7

Left: 5.273 $\pm$ 0.135 χ^2/NDF : 838.2/16

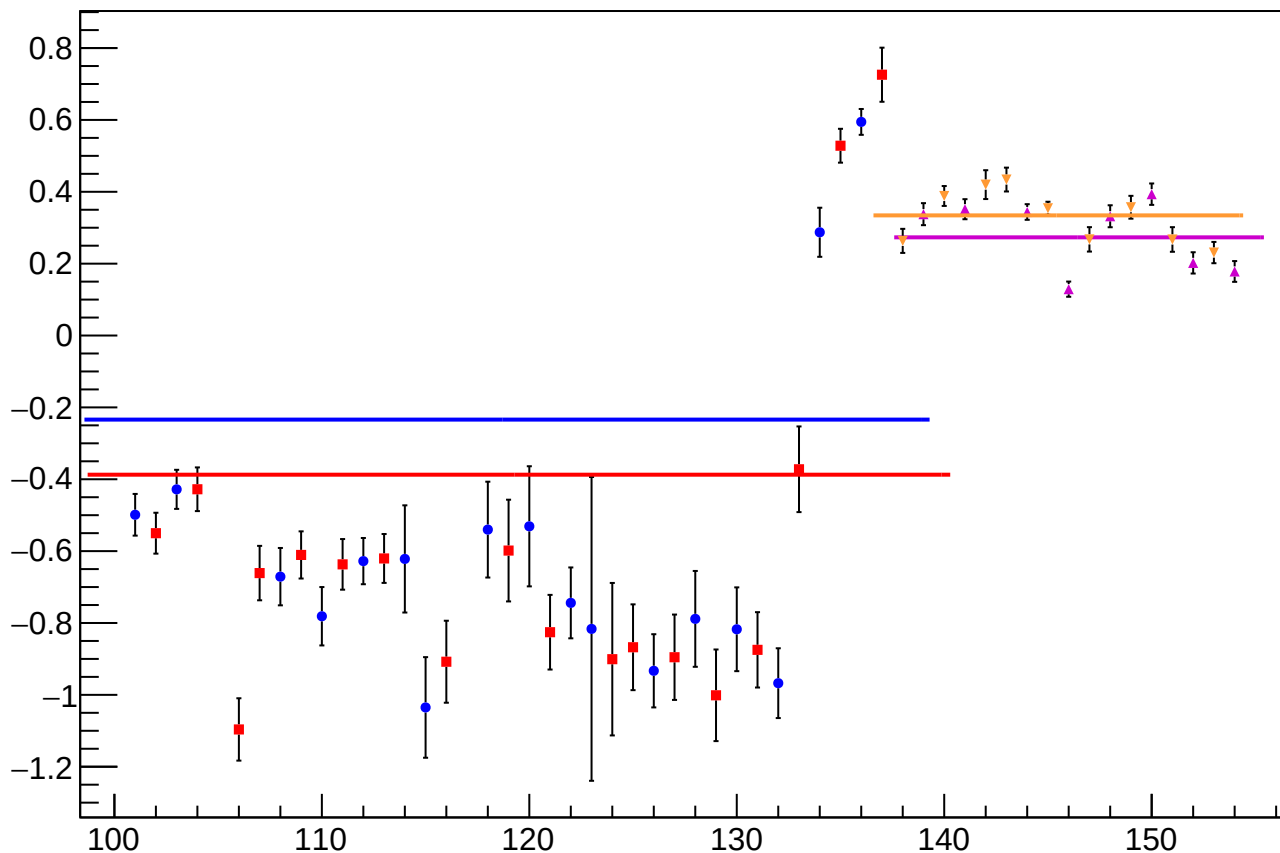
Right: 2.198 $\pm$ 0.248 χ^2/NDF : 510.2/34

In: 4.936 $\pm$ 0.165 χ^2/NDF :567.3/24

Out: 4.166 $\pm$ 0.171 χ^2/NDF :889.2/26

All: 4.566 $\pm$ 0.119 χ^2/NDF : 1467.0/51

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.334 ± 0.010 χ^2/NDF : 43.5/8

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.273 ± 0.009 χ^2/NDF : 105.7/7

Left: 0.303 ± 0.007 χ^2/NDF : 169.6/16

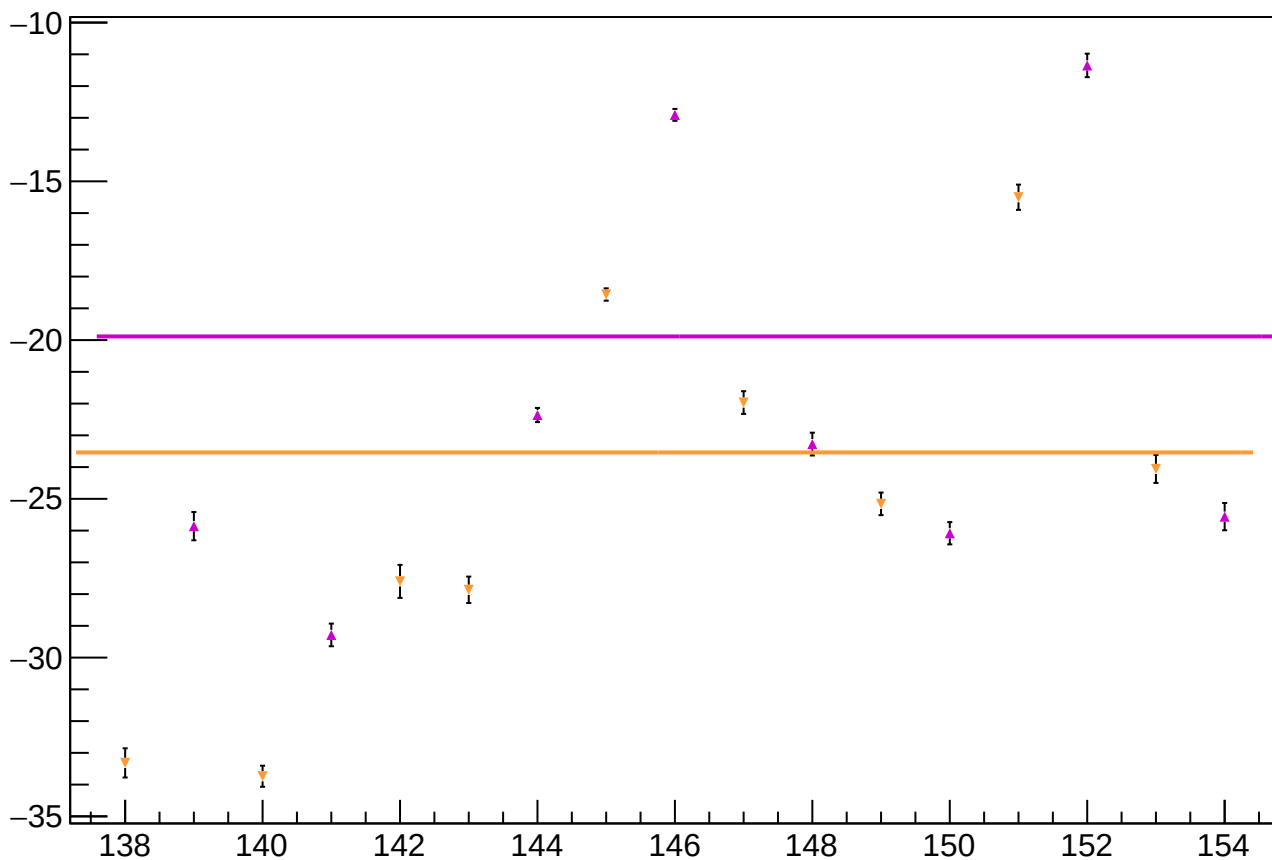
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.172 ± 0.008 χ^2/NDF : 1640.8/24

Out: 0.185 ± 0.009 χ^2/NDF : 2033.3/26

All: 0.178 ± 0.006 χ^2/NDF : 3675.2/51

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



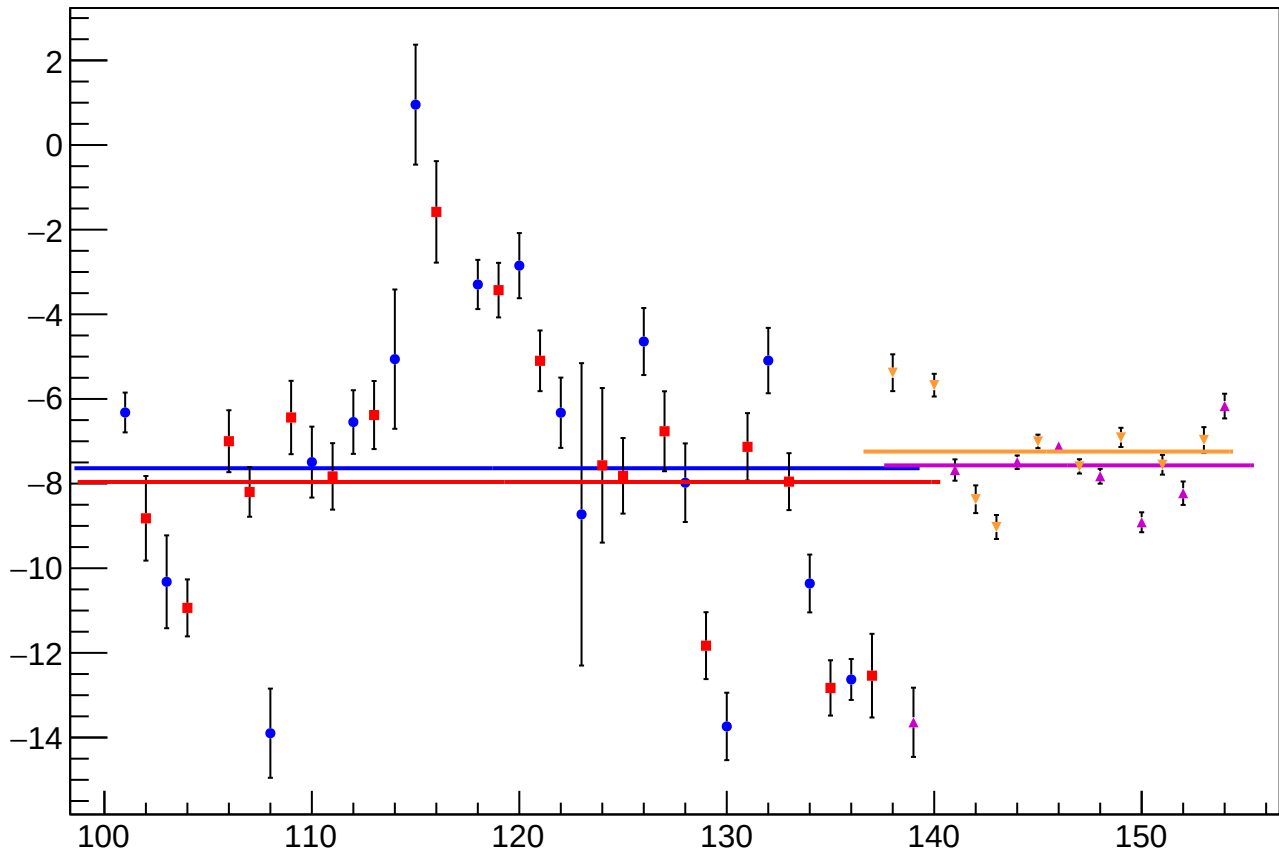
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.538+/-0.114 χ^2/NDF :2666.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.885+/-0.105 χ^2/NDF :3491.9/7

Left: -21.567+/-0.077 χ^2/NDF : 6711.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.885+/-0.105 χ^2/NDF :3491.9/7
 Out: -23.538+/-0.114 χ^2/NDF :2666.4/8

All: -21.567+/-0.077 χ^2/NDF : 6711.7/16

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.243 ± 0.078 χ^2/NDF : 115.2/8

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.570 ± 0.070 χ^2/NDF : 133.6/7

Left: -7.424 ± 0.052 χ^2/NDF : 258.6/16

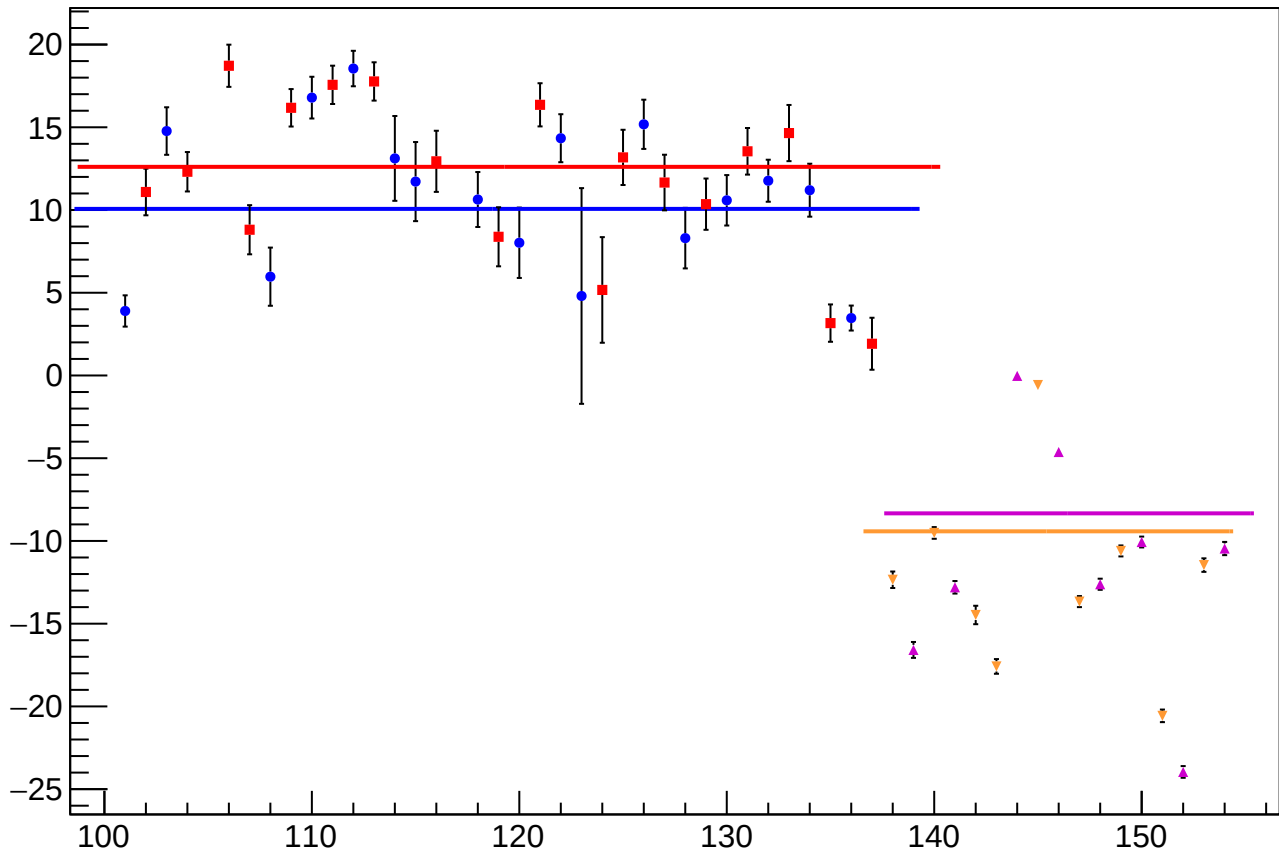
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.578 ± 0.065 χ^2/NDF : 527.7/24

Out: -7.351 ± 0.072 χ^2/NDF : 354.5/26

All: -7.475 ± 0.048 χ^2/NDF : 887.7/51

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -9.419 ± 0.116 χ^2/NDF : 3355.3/8

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -8.332 ± 0.104 χ^2/NDF : 4227.6/7

Left: -8.820 ± 0.077 χ^2/NDF : 7631.6/16

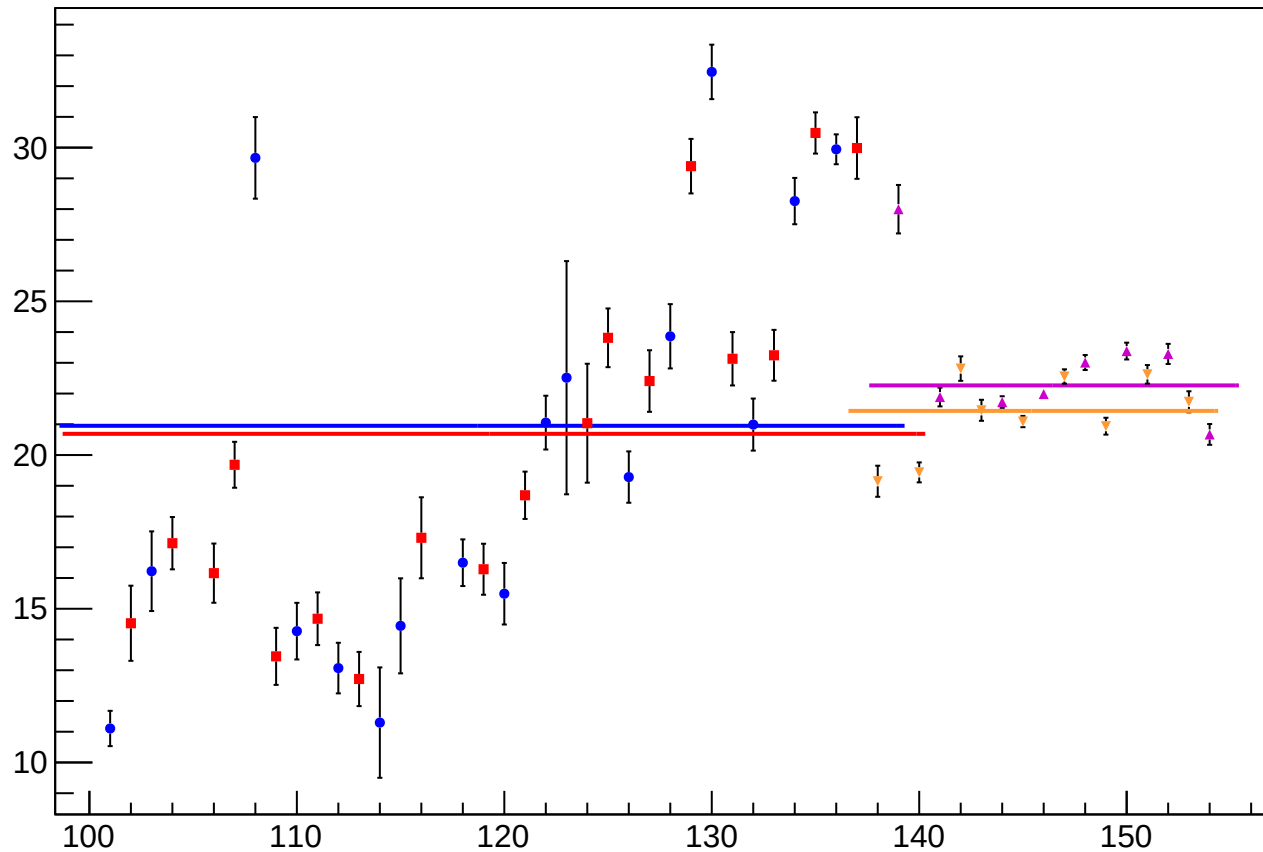
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -6.727 ± 0.100 χ^2/NDF : 7195.7/24

Out: -7.050 ± 0.109 χ^2/NDF : 7477.1/26

All: -6.874 ± 0.074 χ^2/NDF : 14677.6/51

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.436 $\pm$ 0.096 χ^2 /NDF:116.3/8

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.265 $\pm$ 0.086 χ^2 /NDF:124.3/7

Left: 21.895 $\pm$ 0.064 χ^2 /NDF: 282.0/16

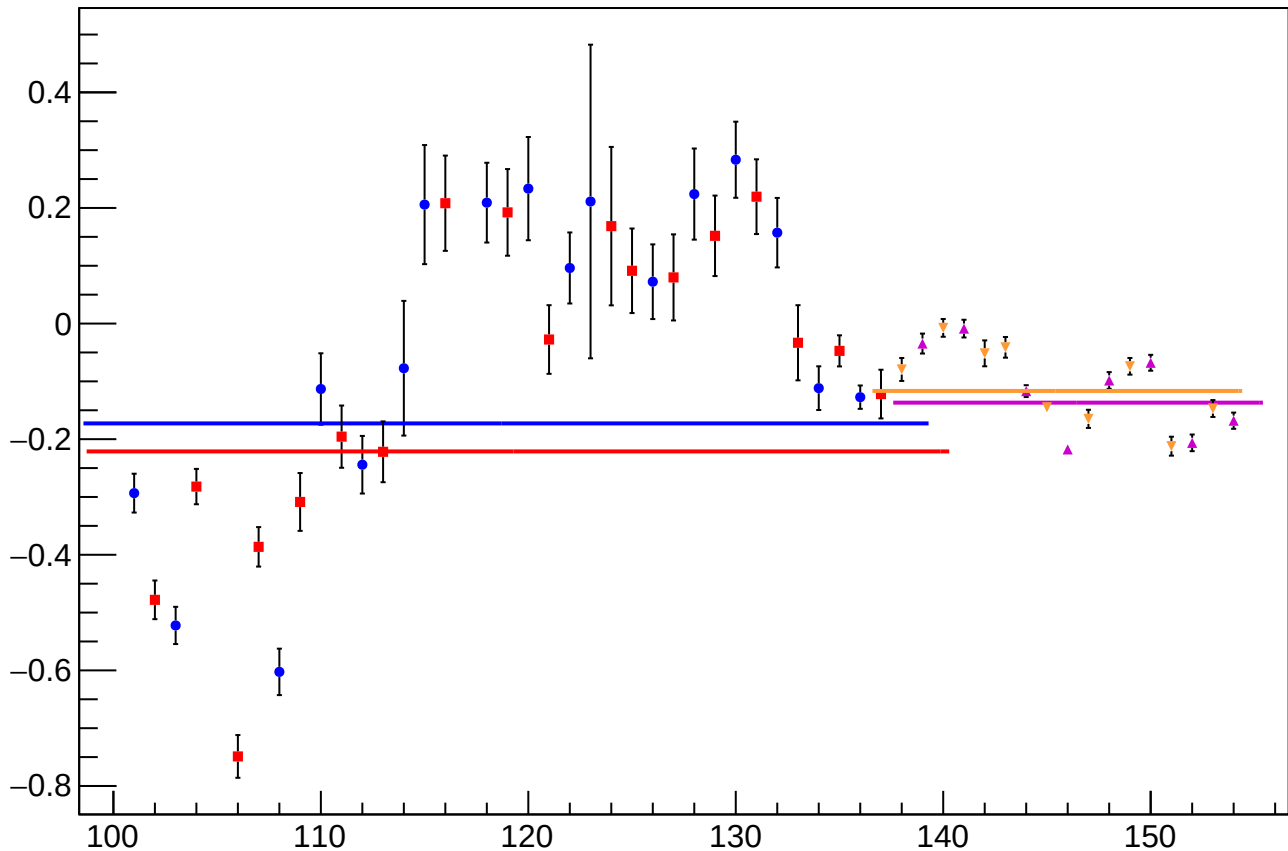
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.076 $\pm$ 0.080 χ^2 /NDF:1380.6/24

Out: 21.310 $\pm$ 0.087 χ^2 /NDF:853.5/26

All: 21.728 $\pm$ 0.059 χ^2 /NDF: 2276.0/51

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.117 ± 0.005 χ^2/NDF : 148.6/8

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.137 ± 0.004 χ^2/NDF : 261.0/7

Left: -0.127 ± 0.003 χ^2/NDF : 419.4/16

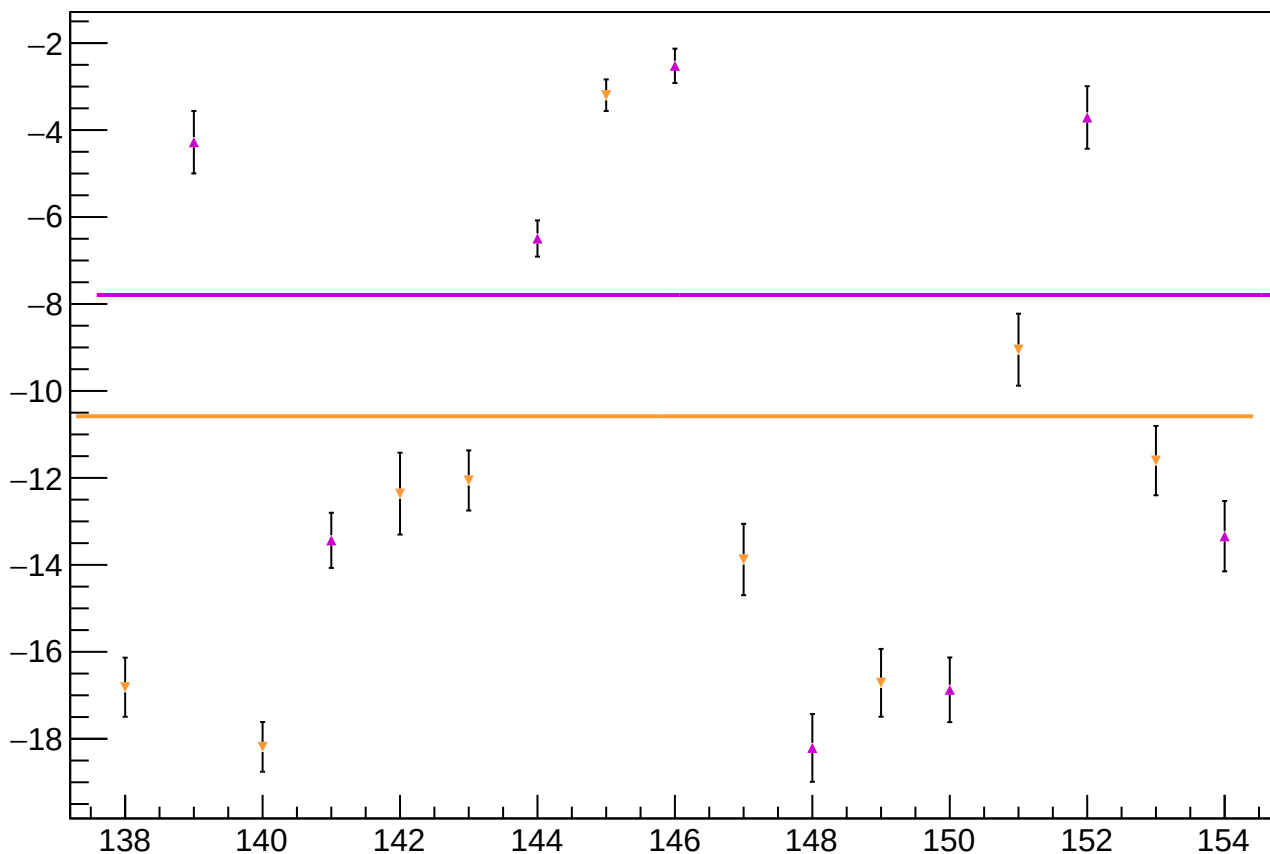
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.142 ± 0.004 χ^2/NDF : 730.3/24

Out: -0.133 ± 0.004 χ^2/NDF : 760.5/26

All: -0.138 ± 0.003 χ^2/NDF : 1492.8/51

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.583+/-0.212 χ^2/NDF : 766.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.793+/-0.206 χ^2/NDF : 698.4/7

Left: -9.147+/-0.148 χ^2/NDF : 1553.7/16

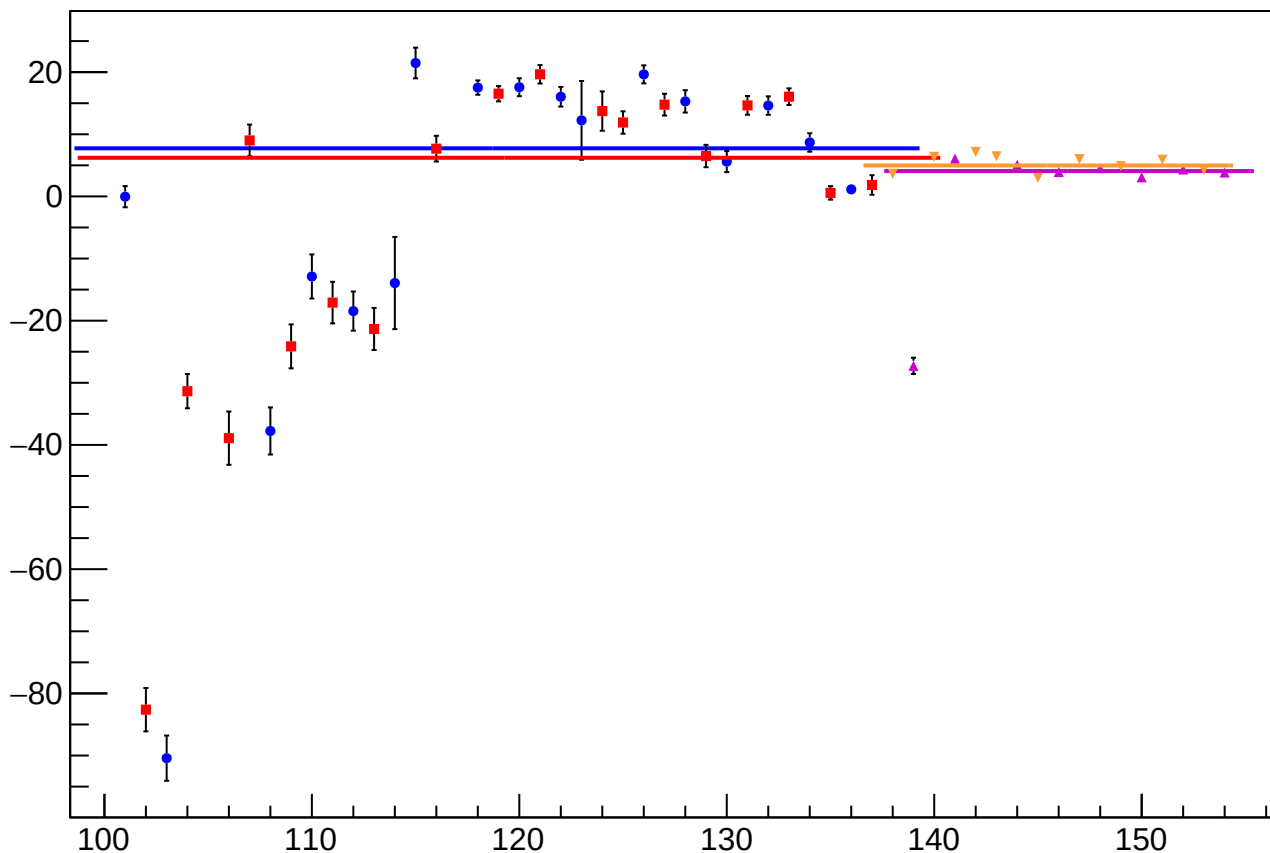
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.793+/-0.206 χ^2/NDF : 698.4/7

Out: -10.583+/-0.212 χ^2/NDF : 766.3/8

All: -9.147+/-0.148 χ^2/NDF : 1553.7/16

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 4.979 ± 0.150 $\chi^2/\text{NDF}: 96.5/8$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.084 ± 0.141 $\chi^2/\text{NDF}: 612.7/7$

Left: 4.504 ± 0.103 $\chi^2/\text{NDF}: 728.1/16$

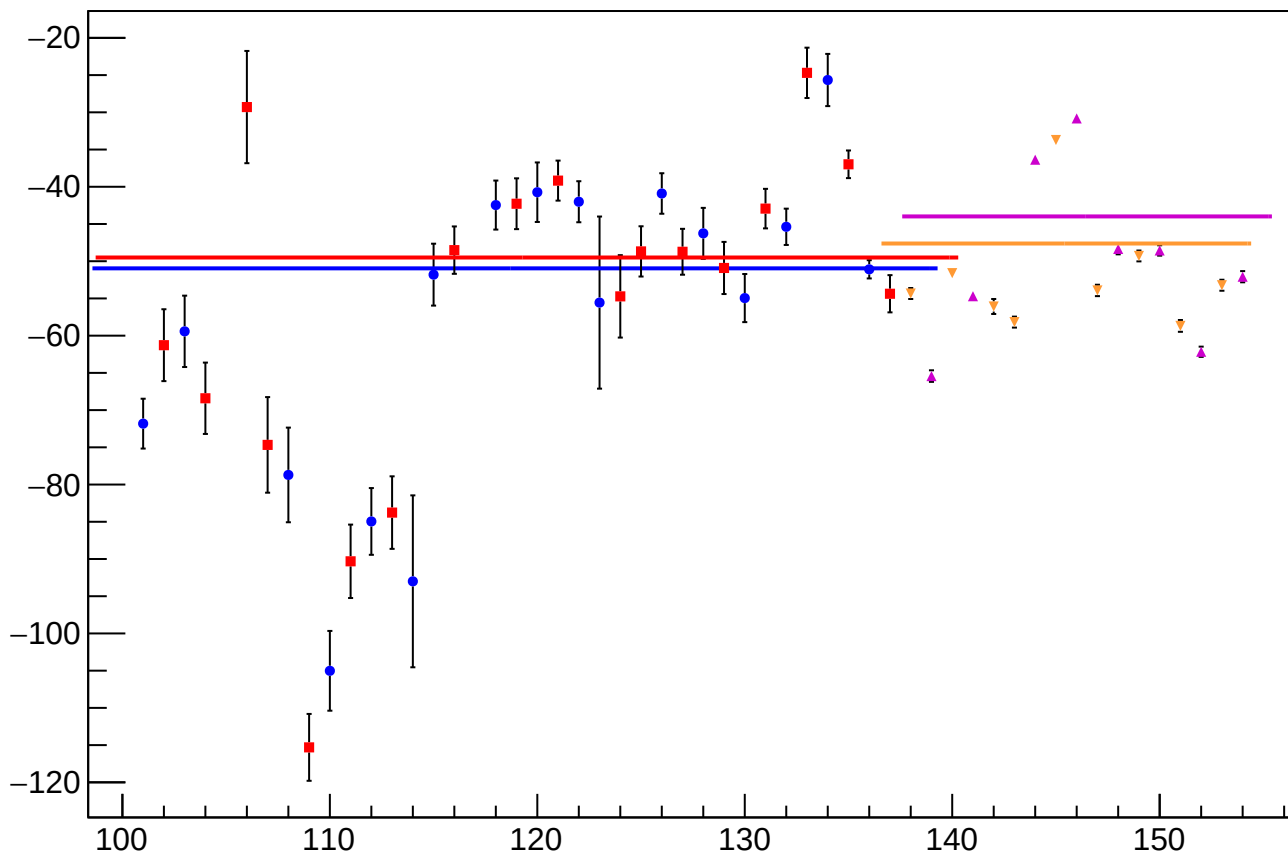
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.482 ± 0.133 $\chi^2/\text{NDF}: 2045.0/24$

Out: 5.111 ± 0.142 $\chi^2/\text{NDF}: 1549.7/26$

All: 4.777 ± 0.097 $\chi^2/\text{NDF}: 3605.2/51$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -47.623 ± 0.218 χ^2/NDF : 2013.9/8

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -43.983 ± 0.206 χ^2/NDF : 3401.9/7

Left: -45.697 ± 0.150 χ^2/NDF : 5563.1/16

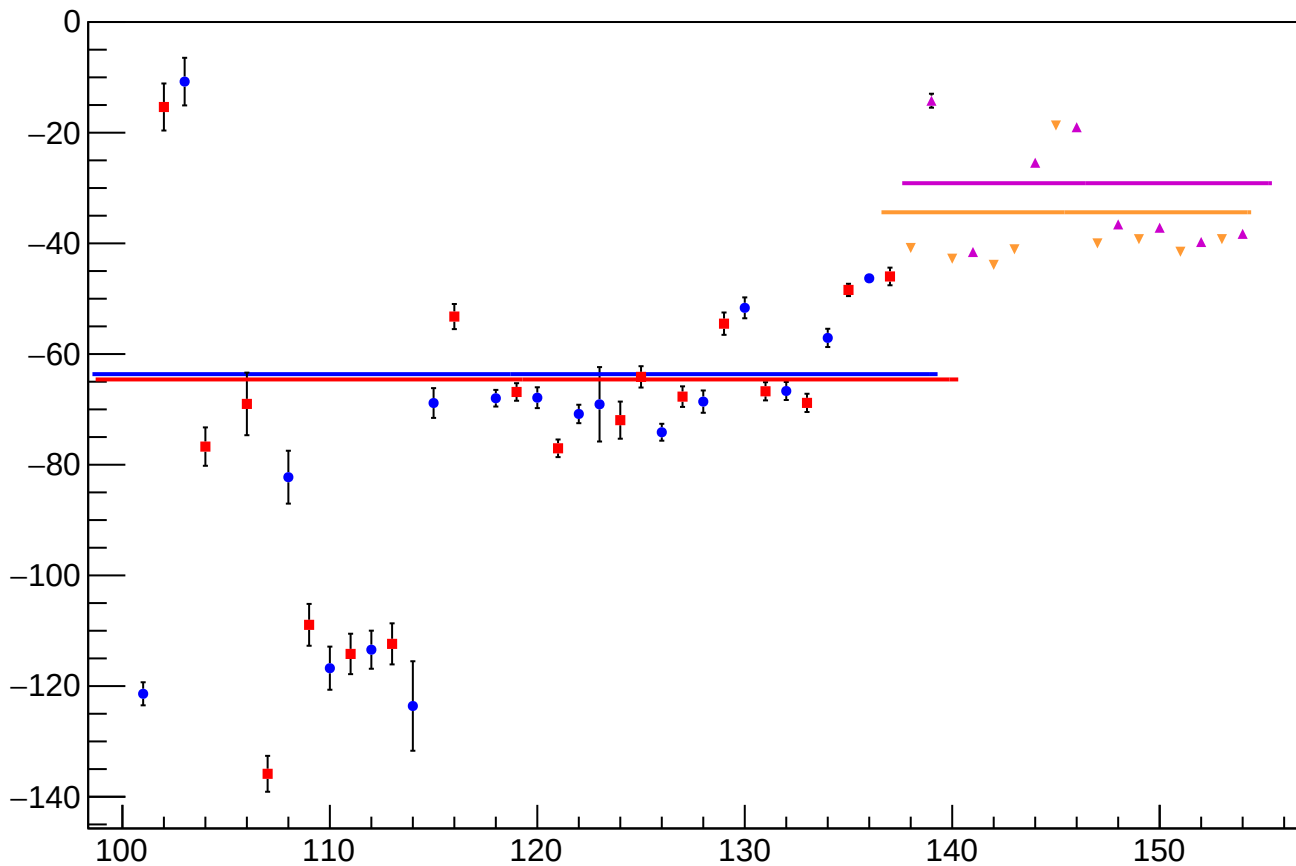
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -44.486 ± 0.198 χ^2/NDF : 3816.6/24

Out: -47.753 ± 0.210 χ^2/NDF : 2525.4/26

All: -46.022 ± 0.144 χ^2/NDF : 6469.9/51

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.381 ± 0.182 χ^2/NDF : 3179.2/8

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -29.127 ± 0.172 χ^2/NDF : 2684.9/7

Left: -31.615 ± 0.125 χ^2/NDF : 6304.2/16

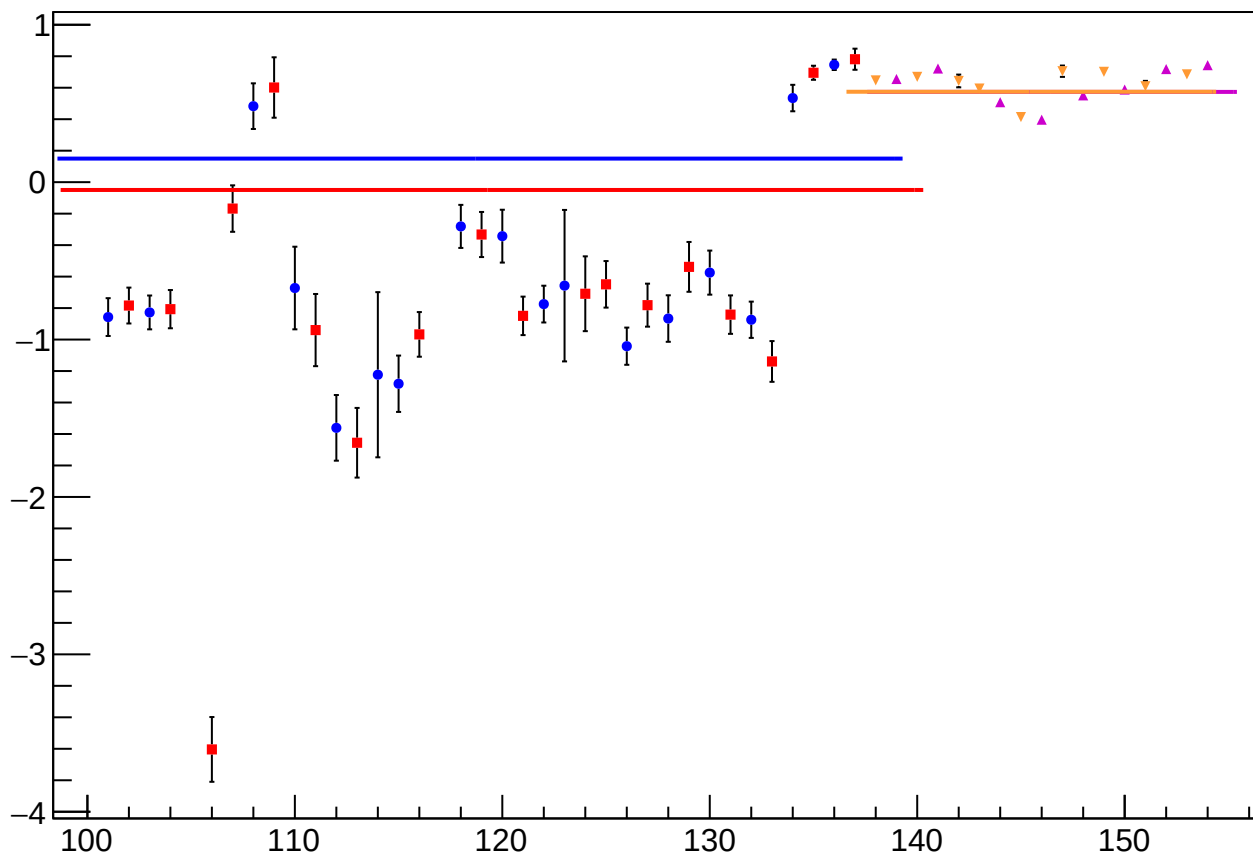
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.614 ± 0.161 χ^2/NDF : 9906.6/24

Out: -38.138 ± 0.170 χ^2/NDF : 8210.6/26

All: -35.749 ± 0.117 χ^2/NDF : 18491.1/51

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: 0.574 ± 0.009 χ^2/NDF : 181.6/8

Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17

Left In: 0.573 ± 0.009 χ^2/NDF : 216.7/7

Left: 0.574 ± 0.006 χ^2/NDF : 398.4/16

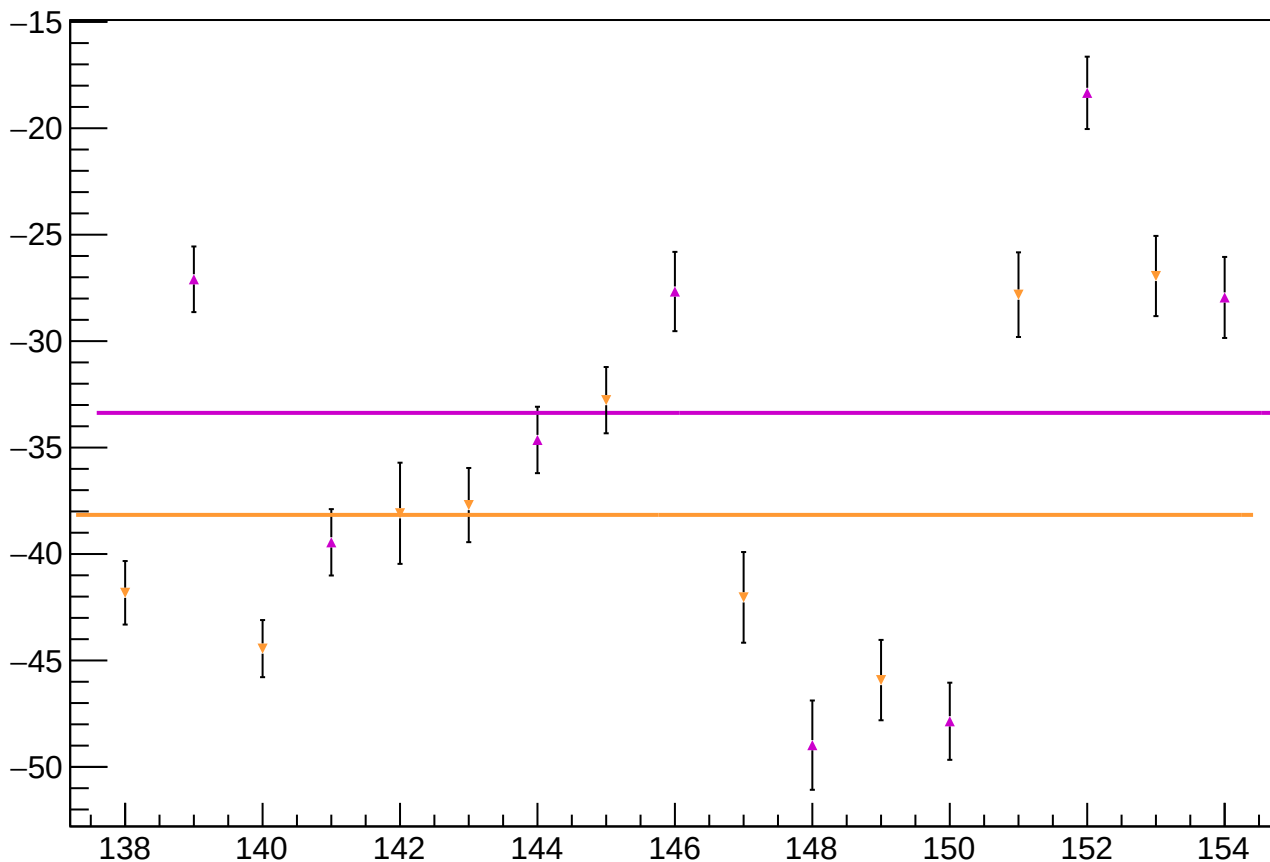
Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34

In: 0.525 ± 0.008 χ^2/NDF : 1482.1/24

Out: 0.510 ± 0.008 χ^2/NDF : 1843.6/26

All: 0.518 ± 0.006 χ^2/NDF : 3327.2/51

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.162+/-0.581 χ^2/NDF :122.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.370+/-0.610 χ^2/NDF :247.5/7

Left: -35.882+/-0.421 χ^2/NDF : 402.6/16

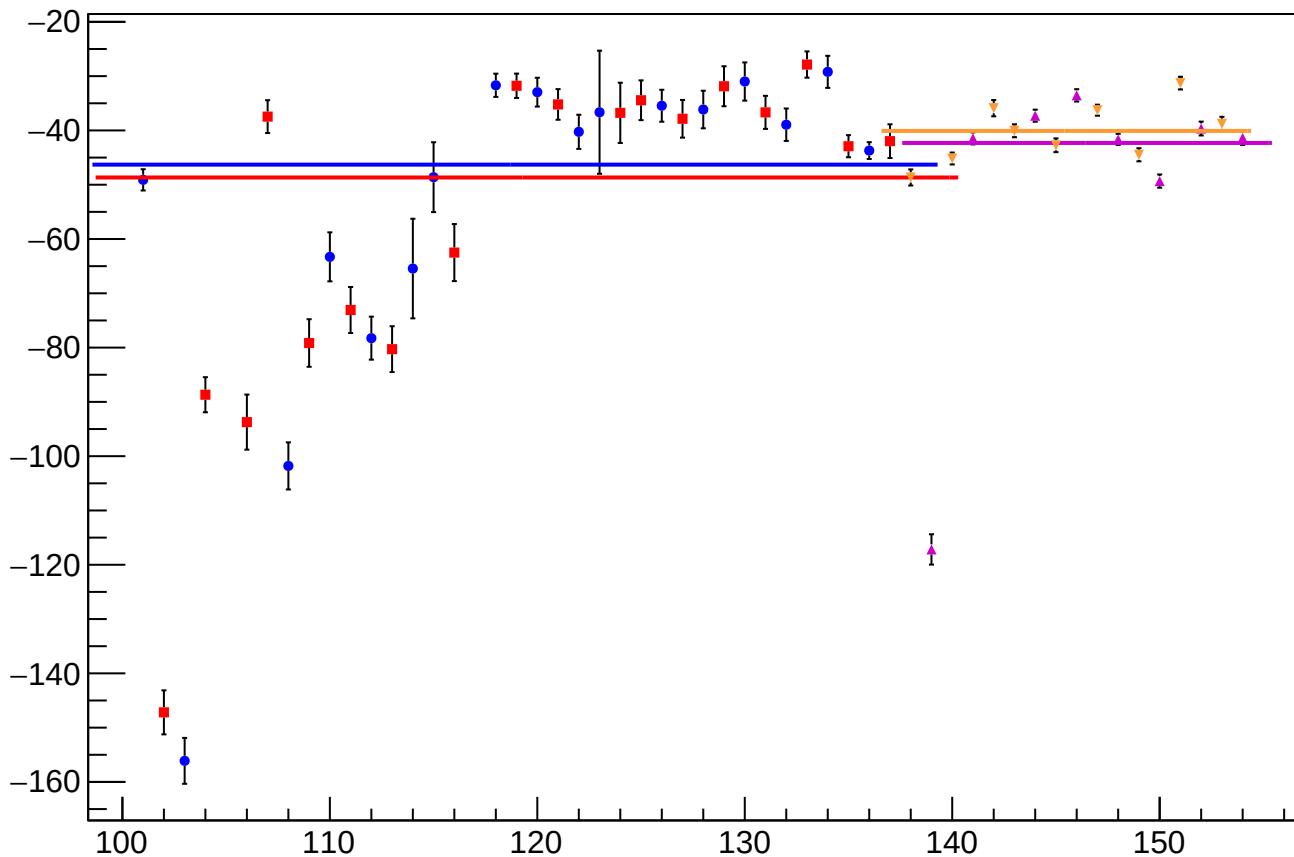
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.370+/-0.610 χ^2/NDF :247.5/7

Out: -38.162+/-0.581 χ^2/NDF :122.8/8

All: -35.882+/-0.421 χ^2/NDF : 402.6/16

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.090 ± 0.407 $\chi^2/\text{NDF}: 151.4/8$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -42.307 ± 0.433 $\chi^2/\text{NDF}: 837.5/7$

Left: -41.132 ± 0.297 $\chi^2/\text{NDF}: 1002.8/16$

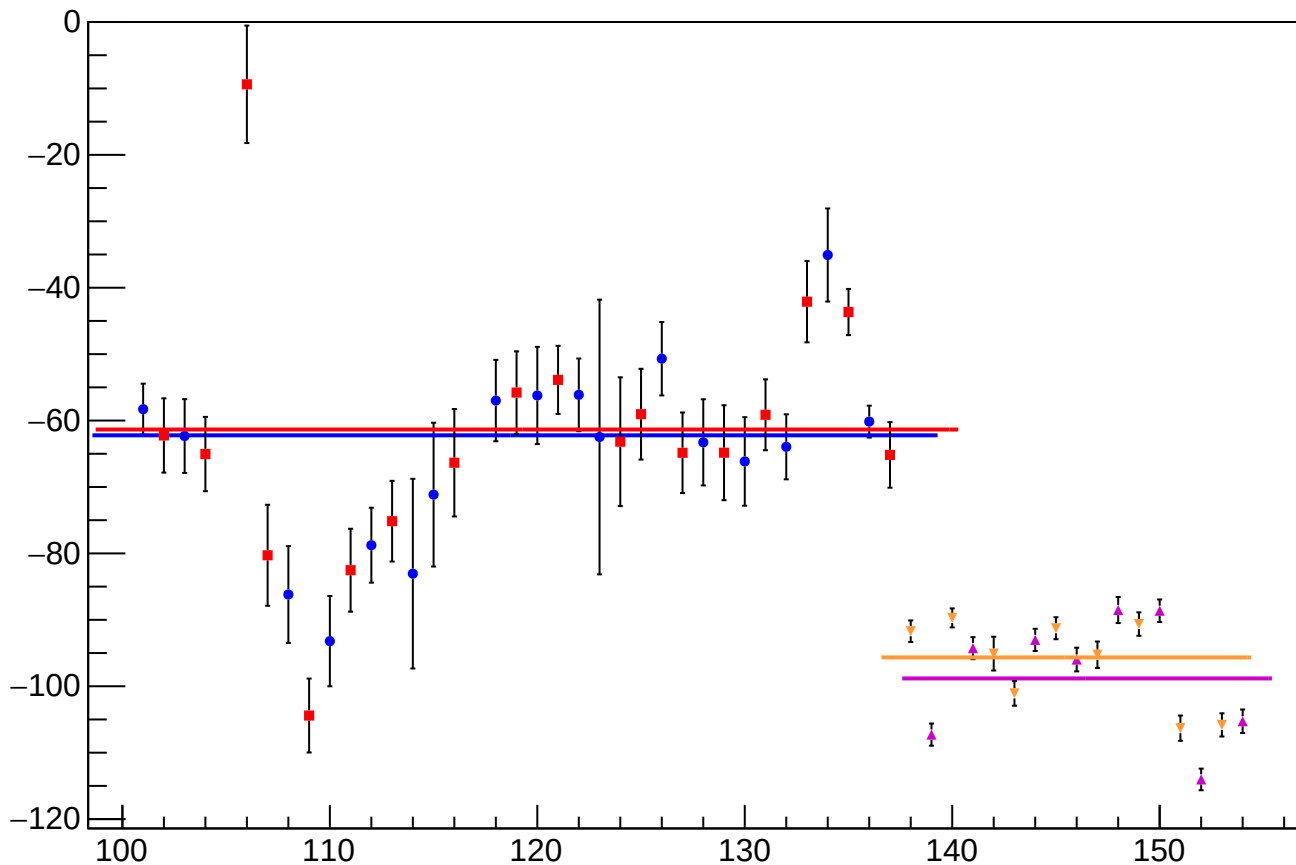
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -43.359 ± 0.371 $\chi^2/\text{NDF}: 1943.9/24$

Out: -41.991 ± 0.359 $\chi^2/\text{NDF}: 1461.9/26$

All: -42.653 ± 0.258 $\chi^2/\text{NDF}: 3412.9/51$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -95.660 ± 0.591 $\chi^2/\text{NDF}: 112.2/8$

Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$

Left In: -98.823 ± 0.608 $\chi^2/\text{NDF}: 212.3/7$

Left: -97.197 ± 0.424 $\chi^2/\text{NDF}: 338.3/16$

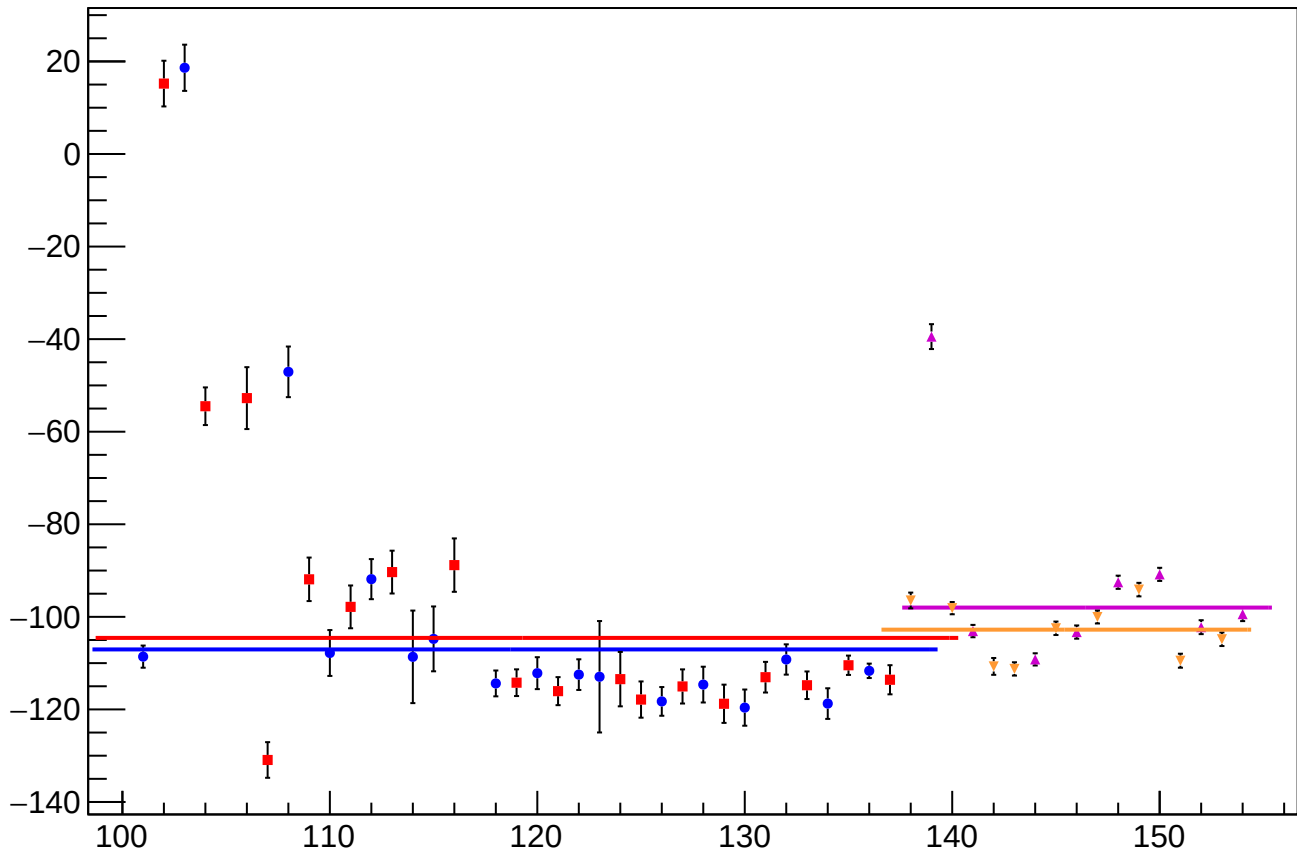
Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$

In: -92.342 ± 0.552 $\chi^2/\text{NDF}: 920.4/24$

Out: -90.354 ± 0.544 $\chi^2/\text{NDF}: 790.9/26$

All: -91.333 ± 0.387 $\chi^2/\text{NDF}: 1717.9/51$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.769 ± 0.497 χ^2/NDF : 140.5/8

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -97.998 ± 0.525 χ^2/NDF : 622.9/7

Left: -100.515 ± 0.361 χ^2/NDF : 806.9/16

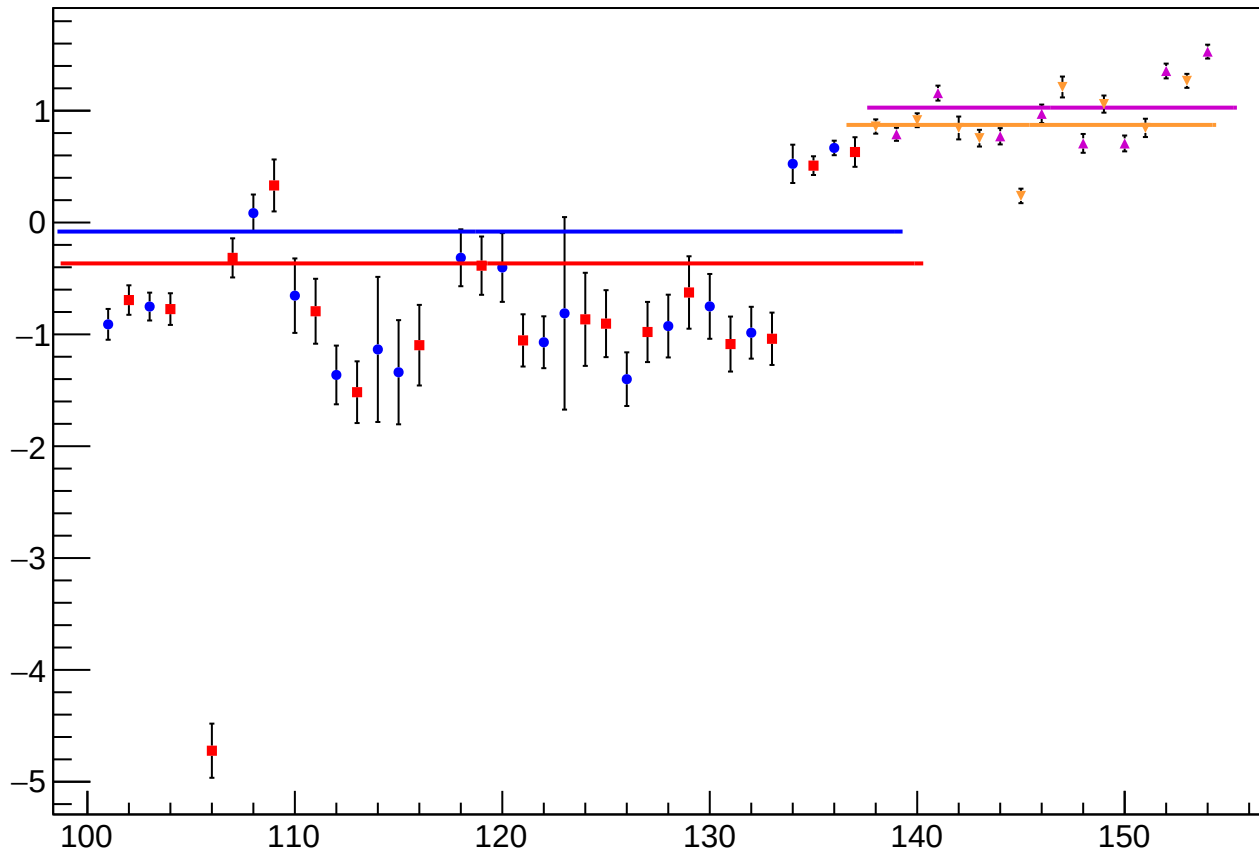
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -100.661 ± 0.441 χ^2/NDF : 1538.1/24

Out: -103.214 ± 0.430 χ^2/NDF : 1111.1/26

All: -101.969 ± 0.308 χ^2/NDF : 2666.4/51

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.873 ± 0.024 χ^2/NDF : 157.9/8

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.027 ± 0.024 χ^2/NDF : 157.3/7

Left: 0.949 ± 0.017 χ^2/NDF : 335.4/16

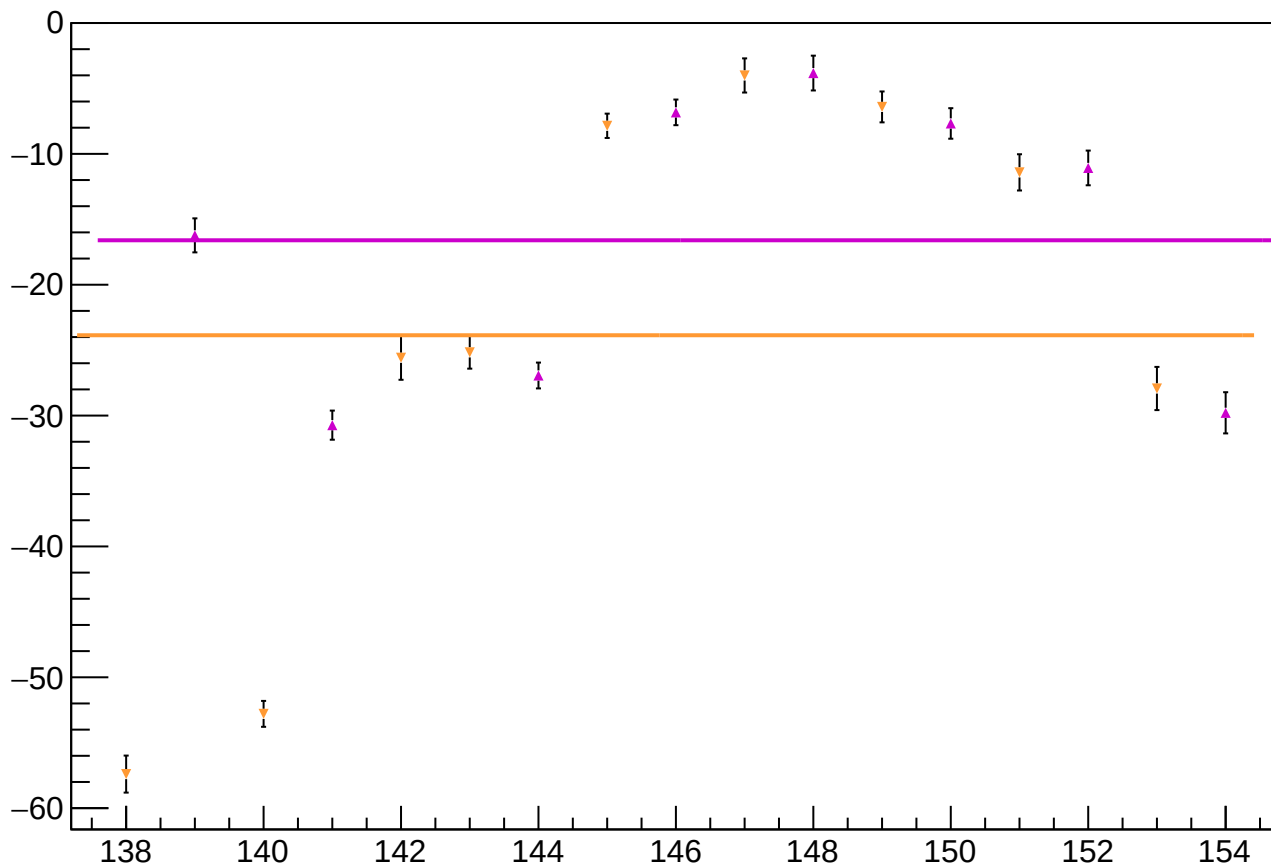
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.749 ± 0.021 χ^2/NDF : 1002.6/24

Out: 0.585 ± 0.021 χ^2/NDF : 1338.6/26

All: 0.667 ± 0.015 χ^2/NDF : 2371.2/51

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.861+/-0.413 χ^2/NDF :2251.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.603+/-0.417 χ^2/NDF :608.8/7

Left: -20.272+/-0.294 χ^2/NDF : 3013.1/16

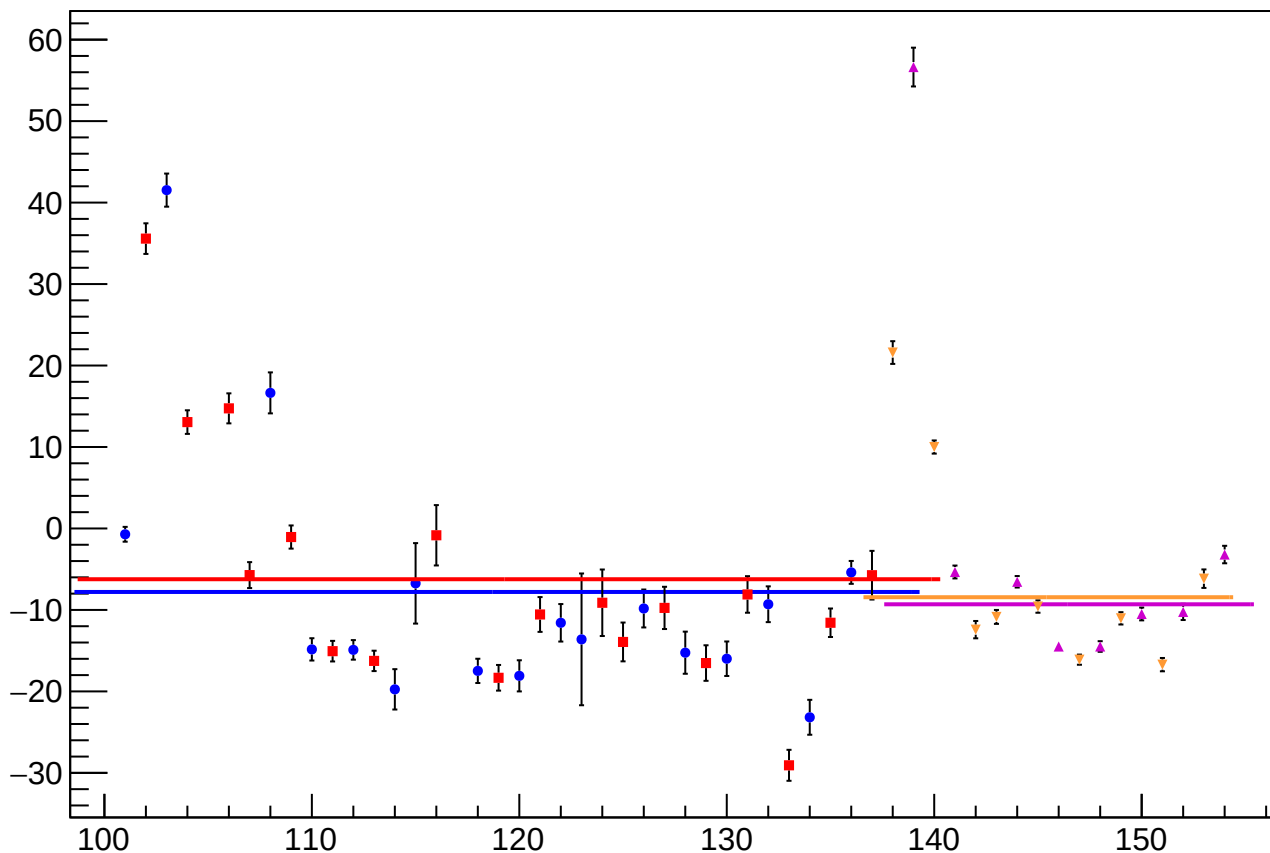
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.603+/-0.417 χ^2/NDF :608.8/7

Out: -23.861+/-0.413 χ^2/NDF :2251.5/8

All: -20.272+/-0.294 χ^2/NDF : 3013.1/16

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.439 ± 0.282 χ^2/NDF : 1278.3/8

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.308 ± 0.285 χ^2/NDF : 977.8/7

Left: -8.868 ± 0.200 χ^2/NDF : 2260.8/16

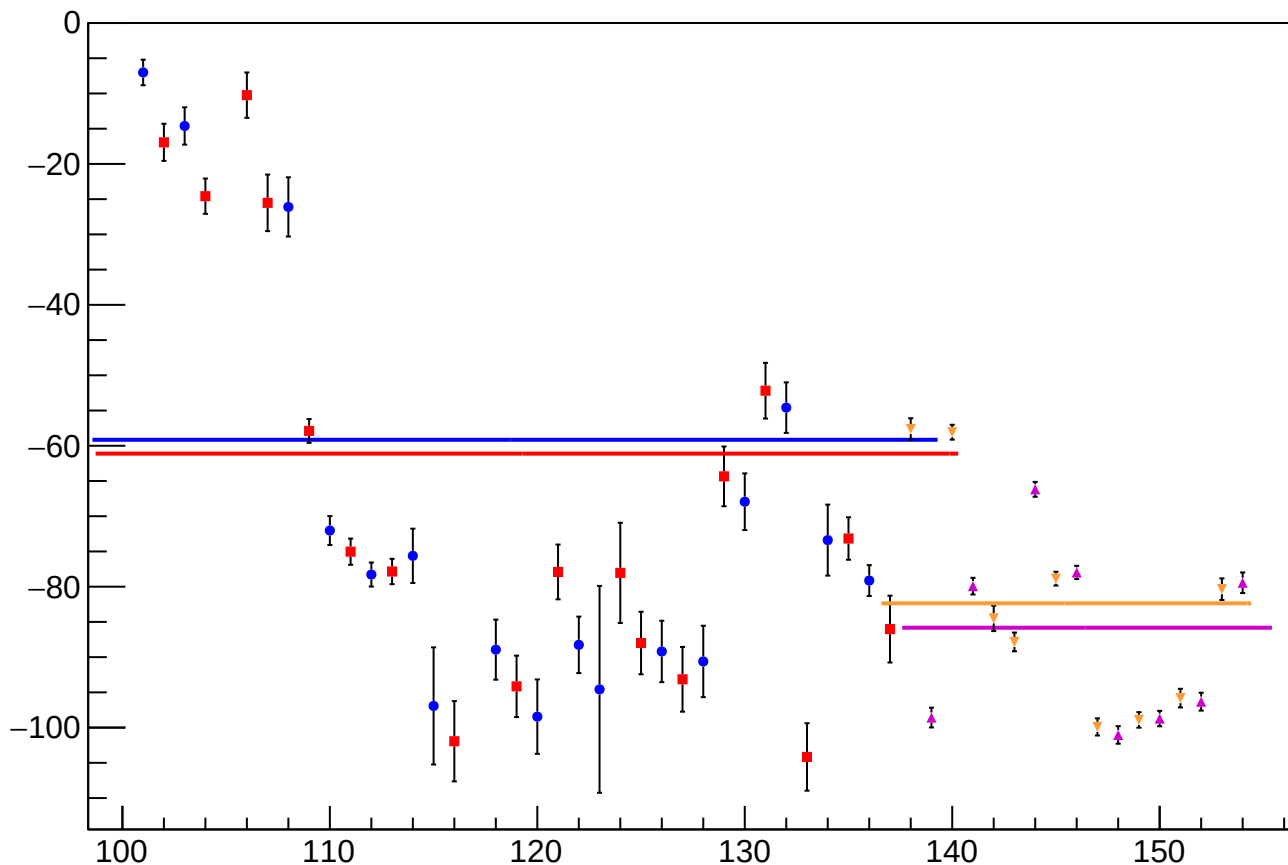
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -8.842 ± 0.237 χ^2/NDF : 1969.2/24

Out: -7.776 ± 0.236 χ^2/NDF : 2479.8/26

All: -8.305 ± 0.167 χ^2/NDF : 4459.1/51

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -82.361 ± 0.418 $\chi^2/\text{NDF}: 1358.7/8$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -85.824 ± 0.415 $\chi^2/\text{NDF}: 897.7/7$

Left: -84.106 ± 0.294 $\chi^2/\text{NDF}: 2291.0/16$

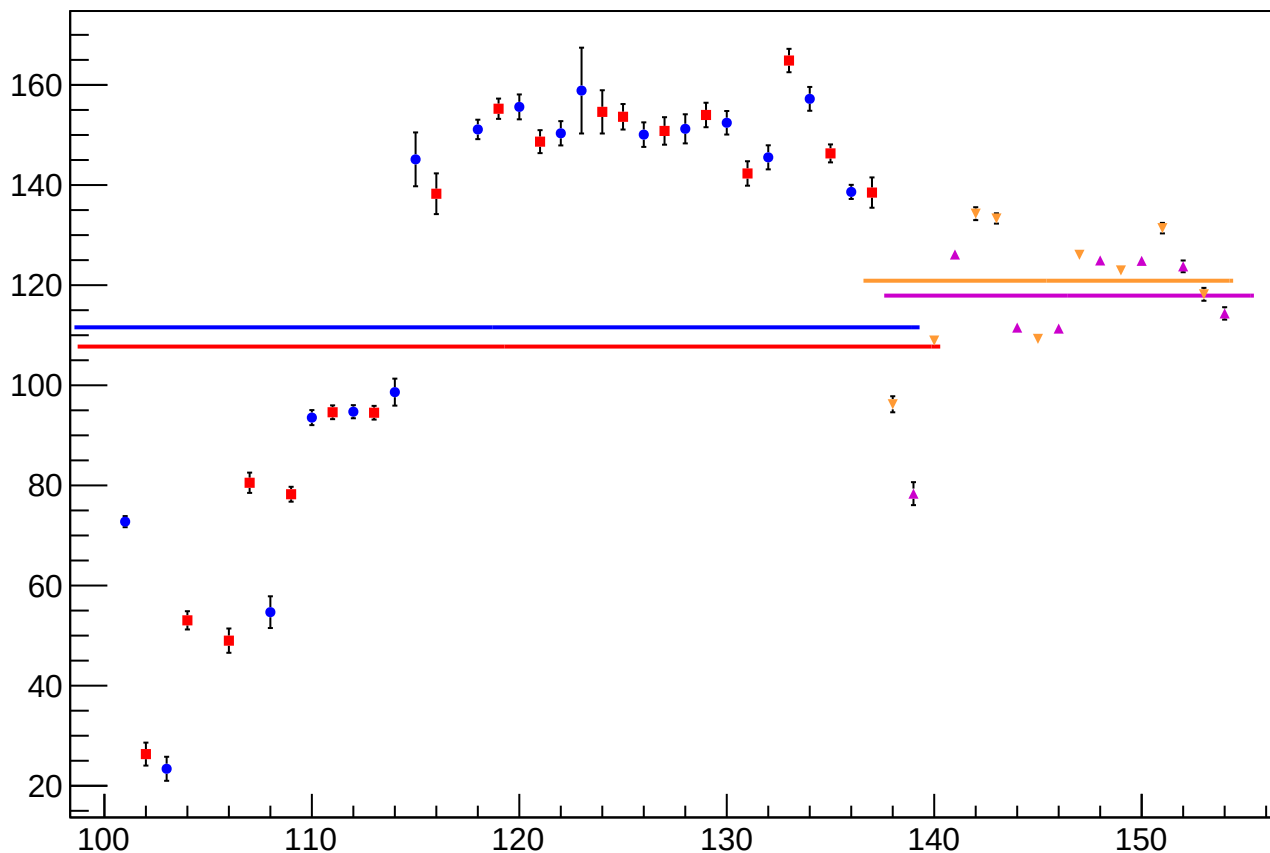
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -79.518 ± 0.362 $\chi^2/\text{NDF}: 3594.3/24$

Out: -76.866 ± 0.360 $\chi^2/\text{NDF}: 3344.8/26$

All: -78.183 ± 0.255 $\chi^2/\text{NDF}: 6966.0/51$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 χ^2/NDF : 5946.0/16

Left Out: 120.888 ± 0.346 χ^2/NDF : 963.3/8

Right Out: 107.735 ± 0.489 χ^2/NDF : 6836.2/17

Left In: 117.914 ± 0.349 χ^2/NDF : 654.1/7

Left: 119.415 ± 0.246 χ^2/NDF : 1654.0/16

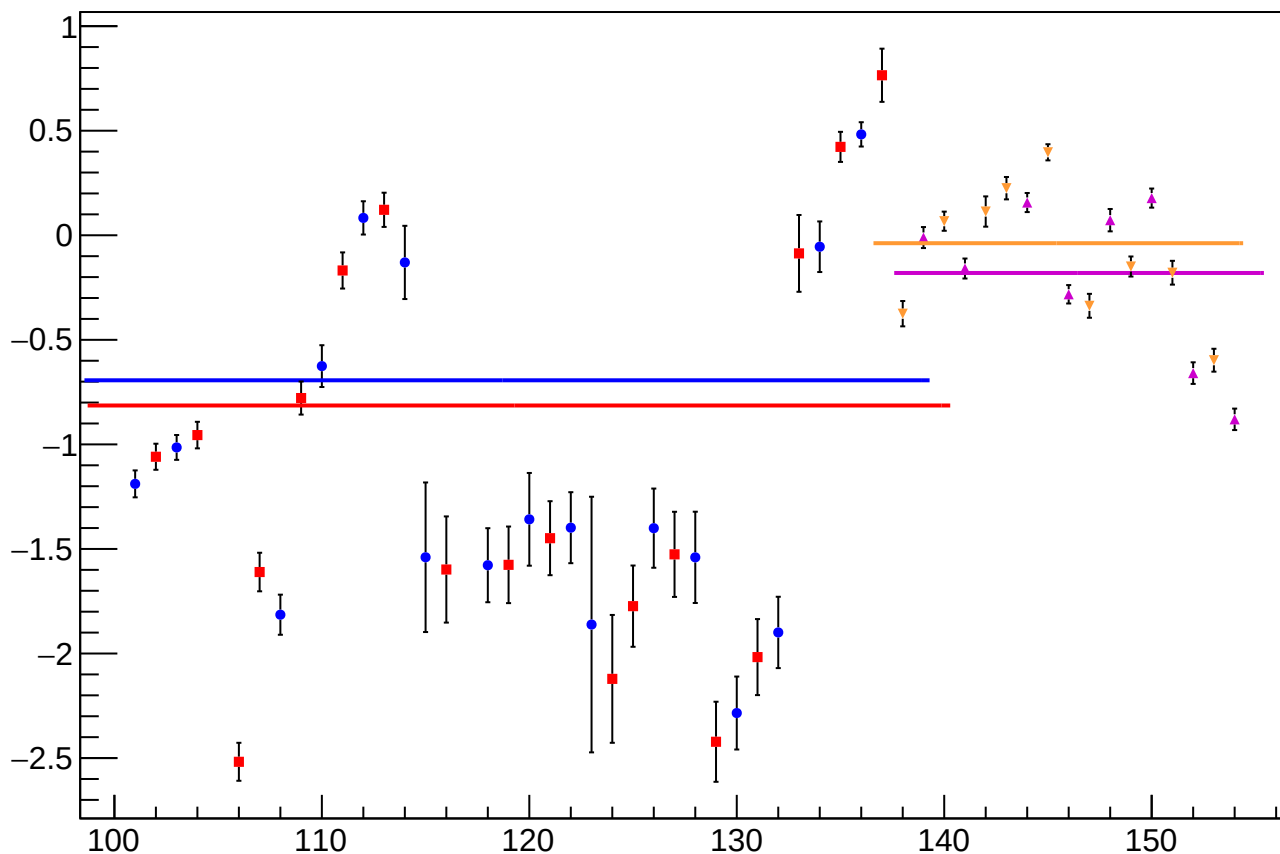
Right: 109.661 ± 0.345 χ^2/NDF : 12813.2/34

In: 115.767 ± 0.284 χ^2/NDF : 6711.6/24

Out: 116.498 ± 0.282 χ^2/NDF : 8282.3/26

All: 116.134 ± 0.200 χ^2/NDF : 14997.3/51

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.038 ± 0.017 χ^2/NDF : 335.0/8

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.180 ± 0.017 χ^2/NDF : 427.2/7

Left: -0.110 ± 0.012 χ^2/NDF : 796.4/16

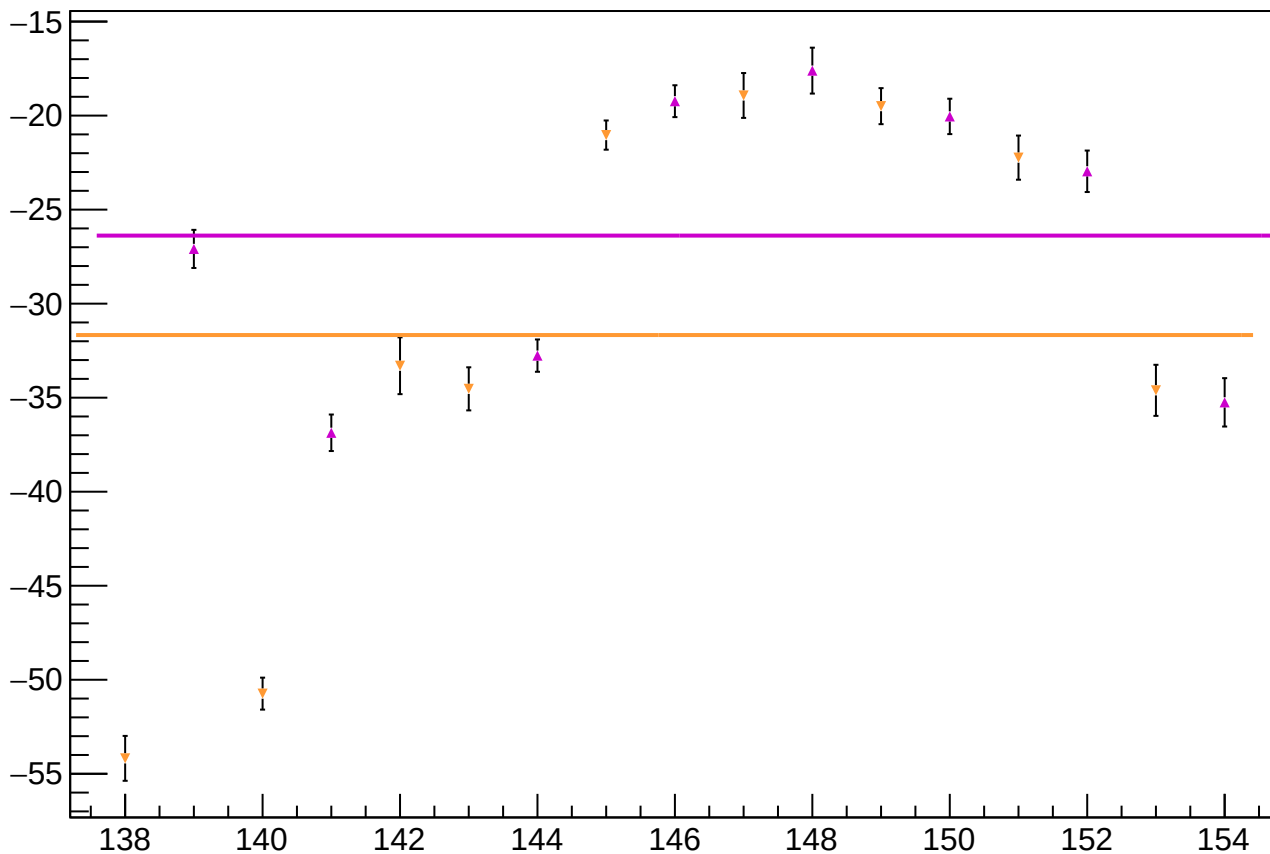
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.337 ± 0.014 χ^2/NDF : 1692.6/24

Out: -0.296 ± 0.014 χ^2/NDF : 2314.2/26

All: -0.316 ± 0.010 χ^2/NDF : 4010.9/51

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



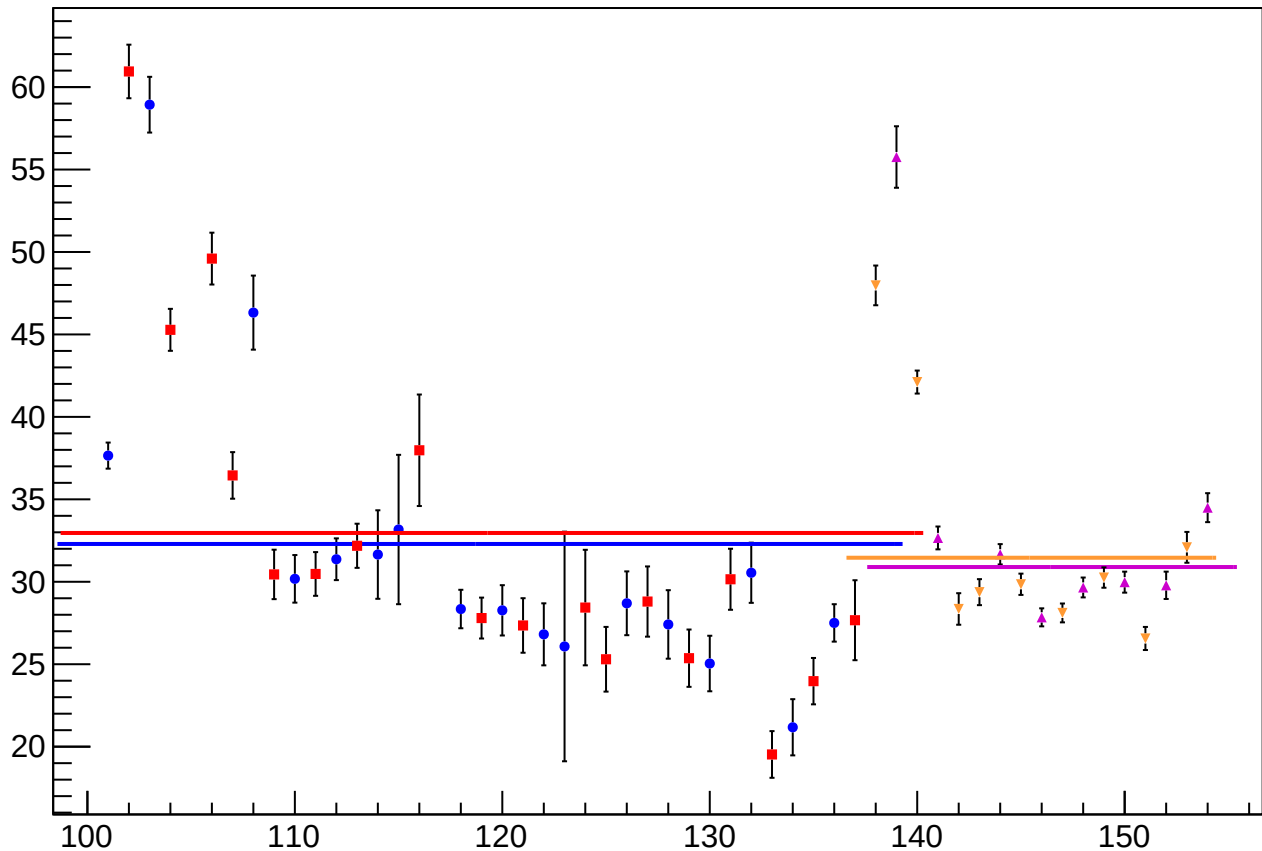
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.669+/-0.353 χ^2/NDF :1398.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.381+/-0.353 χ^2/NDF :397.7/7

Left: -29.024+/-0.250 χ^2/NDF : 1908.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.381+/-0.353 χ^2/NDF :397.7/7
 Out: -31.669+/-0.353 χ^2/NDF :1398.6/8

All: -29.024+/-0.250 χ^2/NDF : 1908.3/16

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 31.459+/-0.245 χ^2/NDF : 532.6/8

Right Out: 32.960+/-0.380 χ^2/NDF : 724.0/17

Left In: 30.894+/-0.247 χ^2/NDF : 241.9/7

Left: 31.180+/-0.174 χ^2/NDF : 777.1/16

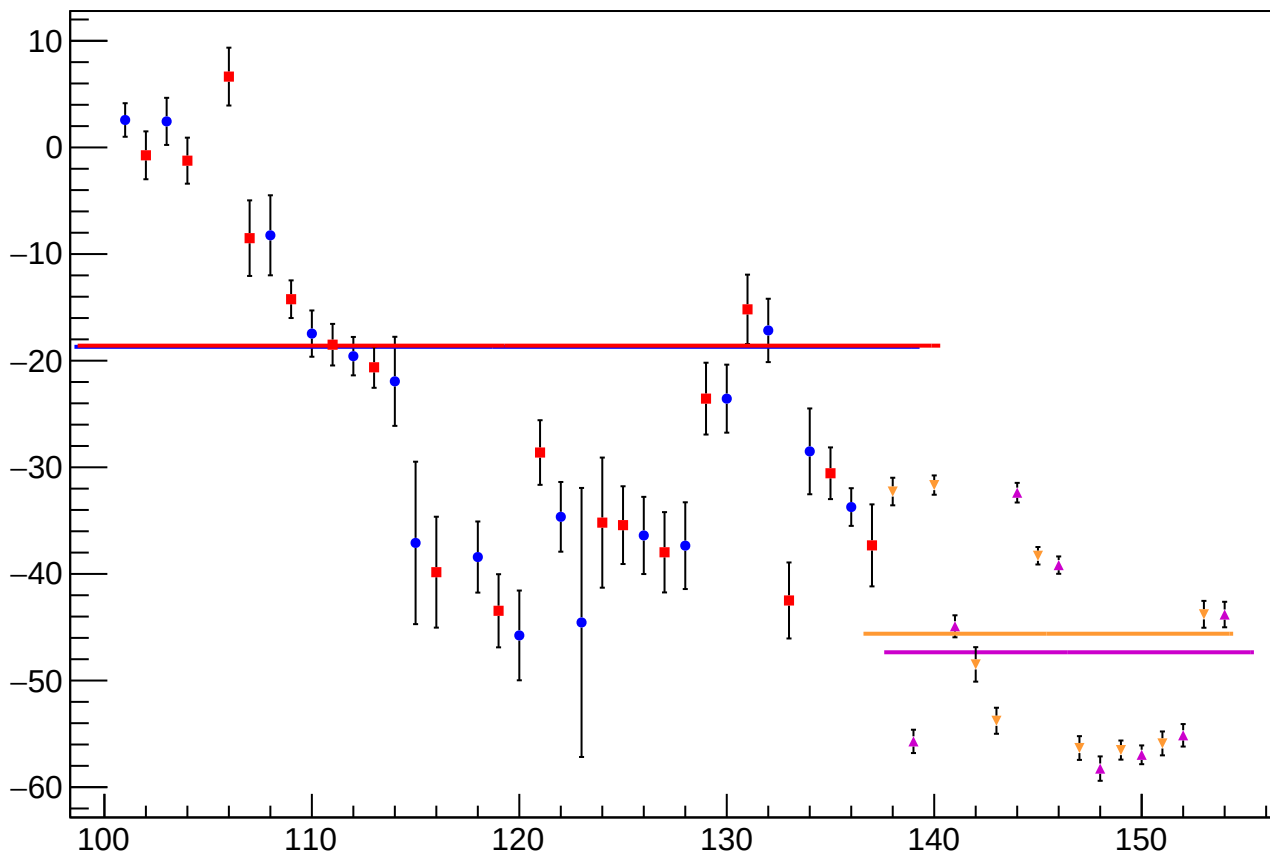
Right: 32.620+/-0.266 χ^2/NDF : 1178.1/34

In: 31.321+/-0.206 χ^2/NDF : 704.2/24

Out: 31.899+/-0.206 χ^2/NDF : 1267.6/26

All: 31.611+/-0.146 χ^2/NDF : 1975.8/51

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: -45.609±0.357 χ^2/NDF : 798.0/8

Right Out: -18.590±0.648 χ^2/NDF : 461.3/17

Left In: -47.349±0.351 χ^2/NDF : 702.5/7

Left: -46.494±0.250 χ^2/NDF : 1512.6/16

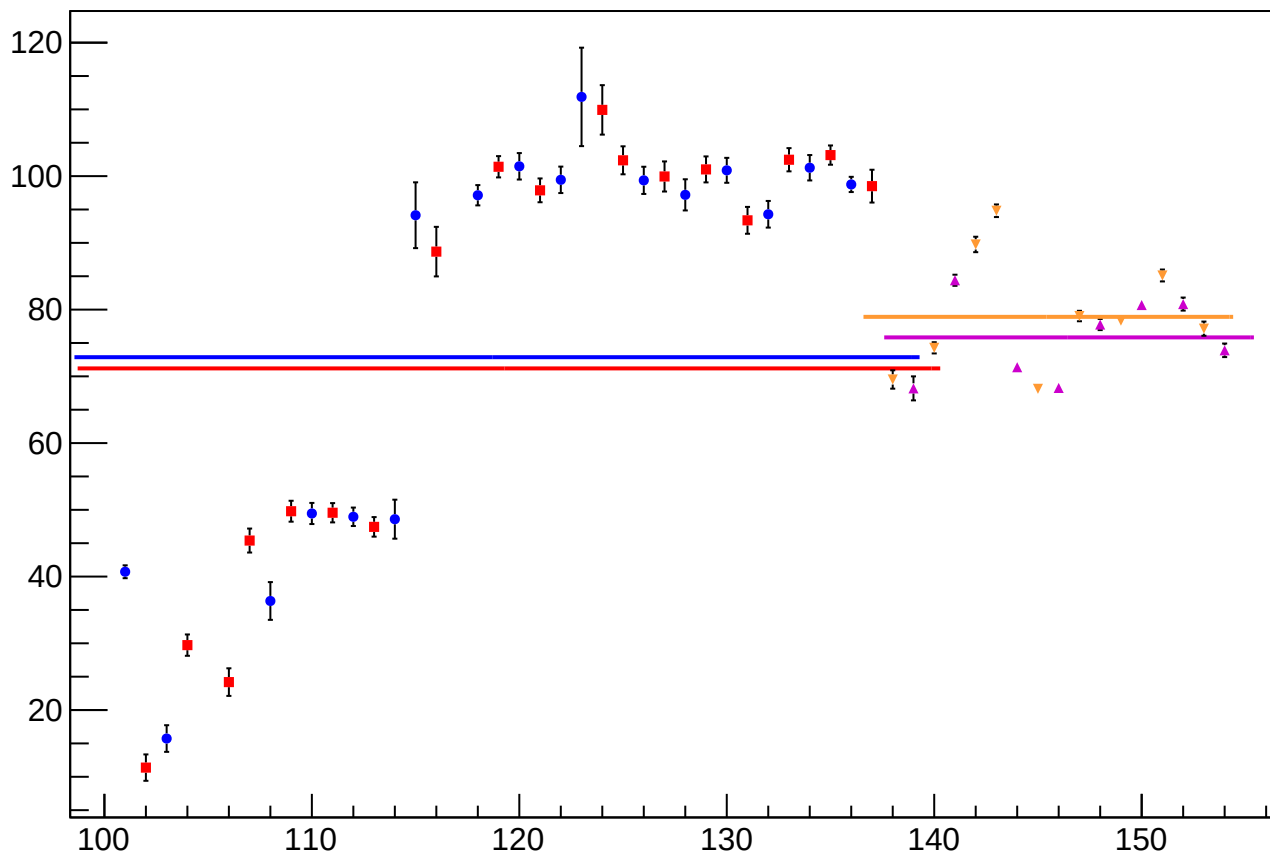
Right: -18.643±0.464 χ^2/NDF : 980.4/34

In: -41.127±0.311 χ^2/NDF : 2668.0/24

Out: -39.304±0.313 χ^2/NDF : 2594.0/26

All: -40.222±0.220 χ^2/NDF : 5279.1/51

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: 78.916 $\pm$ 0.299 χ^2 /NDF: 711.5/8

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 75.837 $\pm$ 0.300 χ^2 /NDF: 365.3/7

Left: 77.383 $\pm$ 0.212 χ^2 /NDF: 1129.7/16

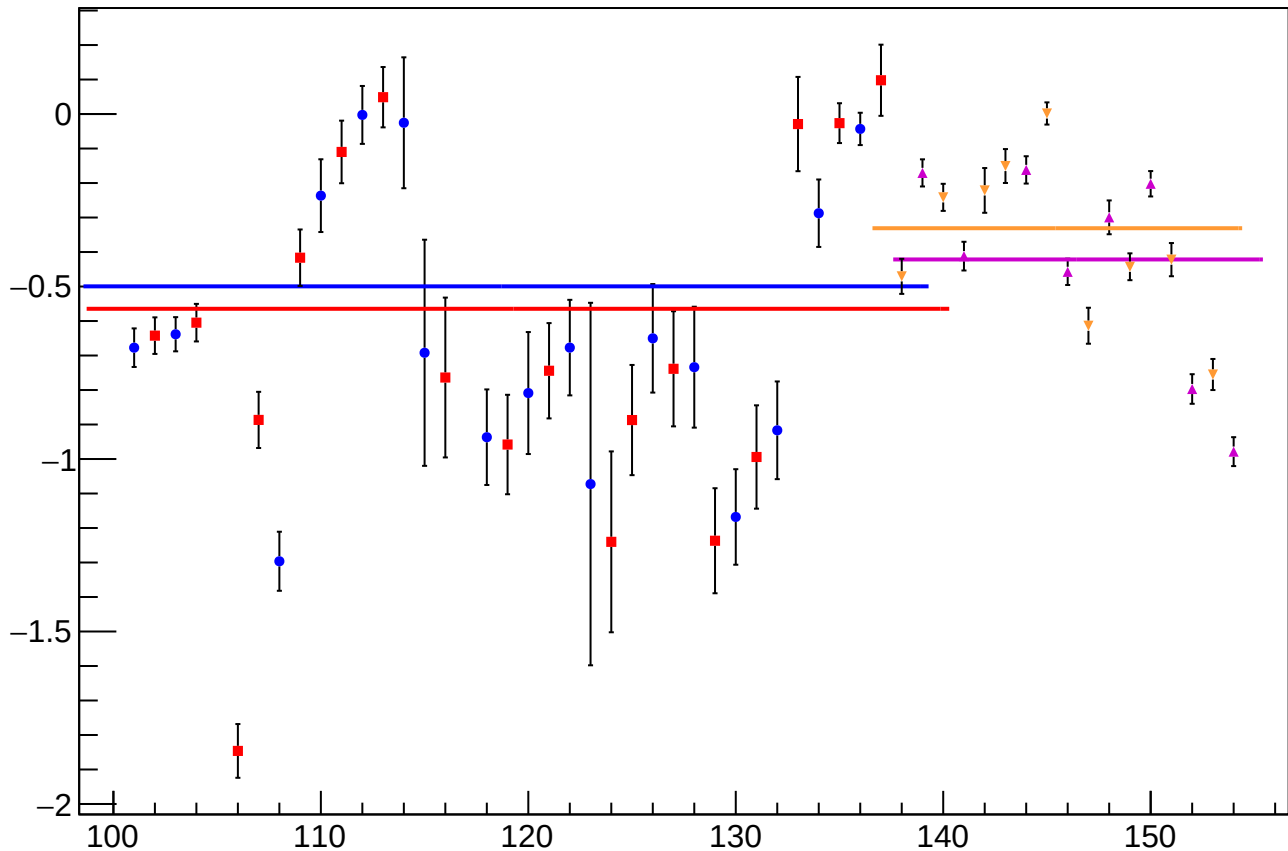
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.855 $\pm$ 0.245 χ^2 /NDF: 5124.8/24

Out: 76.434 $\pm$ 0.246 χ^2 /NDF: 6301.7/26

All: 75.642 $\pm$ 0.174 χ^2 /NDF: 11447.1/51

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.331 ± 0.015 χ^2/NDF : 265.8/8

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.422 ± 0.014 χ^2/NDF : 379.7/7

Left: -0.377 ± 0.010 χ^2/NDF : 664.8/16

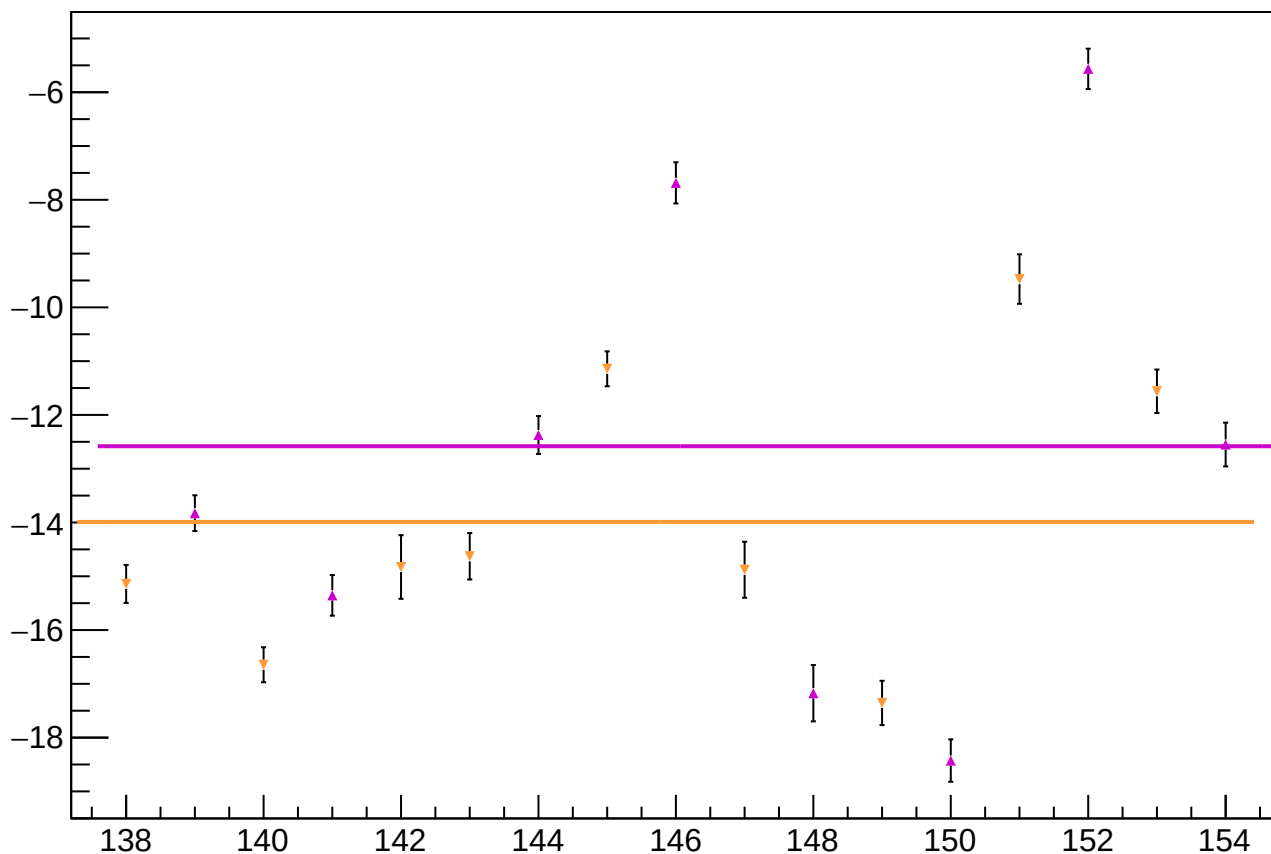
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.444 ± 0.012 χ^2/NDF : 690.9/24

Out: -0.405 ± 0.012 χ^2/NDF : 905.3/26

All: -0.425 ± 0.009 χ^2/NDF : 1601.4/51

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: -13.990+/-0.134 χ^2/NDF :360.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.582+/-0.136 χ^2/NDF :877.1/7

Left: -13.295+/-0.095 χ^2/NDF : 1291.9/16

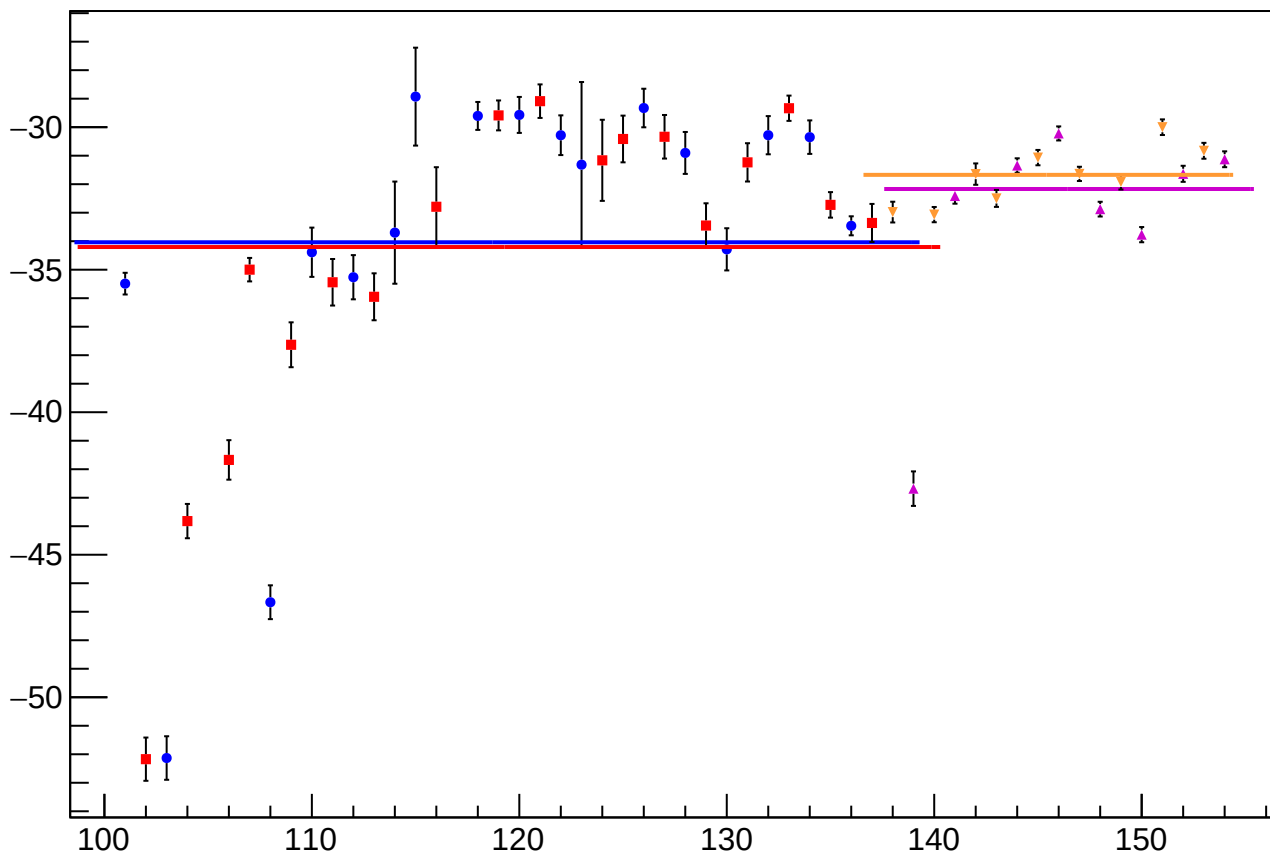
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.582+/-0.136 χ^2/NDF :877.1/7

Out: -13.990+/-0.134 χ^2/NDF :360.5/8

All: -13.295+/-0.095 χ^2/NDF : 1291.9/16

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.673 ± 0.095 χ^2/NDF : 100.1/8

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -32.169 ± 0.099 χ^2/NDF : 436.6/7

Left: -31.912 ± 0.068 χ^2/NDF : 549.7/16

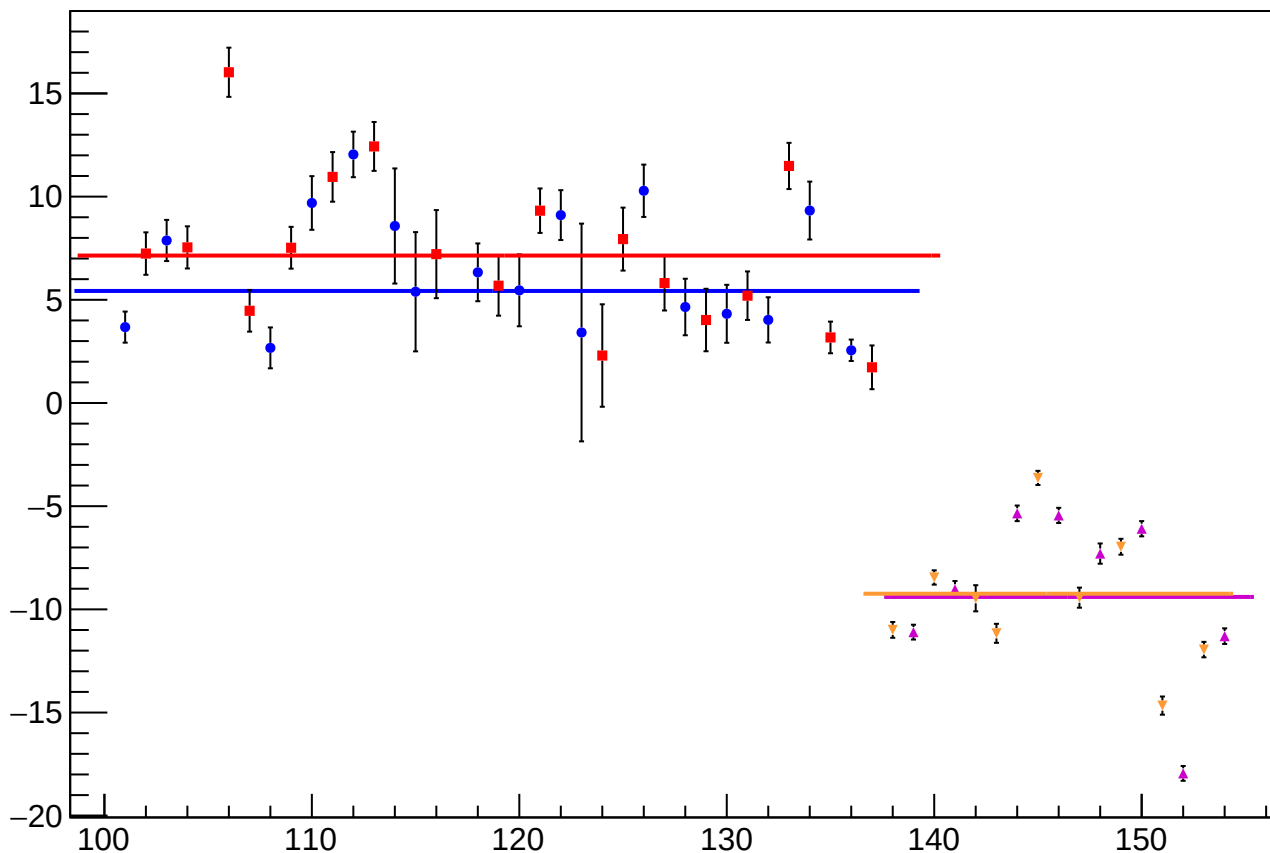
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.727 ± 0.082 χ^2/NDF : 1887.1/24

Out: -32.395 ± 0.081 χ^2/NDF : 1622.3/26

All: -32.557 ± 0.058 χ^2/NDF : 3517.7/51

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -9.243 ± 0.136 $\chi^2/\text{NDF}: 550.1/8$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -9.397 ± 0.135 $\chi^2/\text{NDF}: 944.6/7$

Left: -9.320 ± 0.096 $\chi^2/\text{NDF}: 1495.4/16$

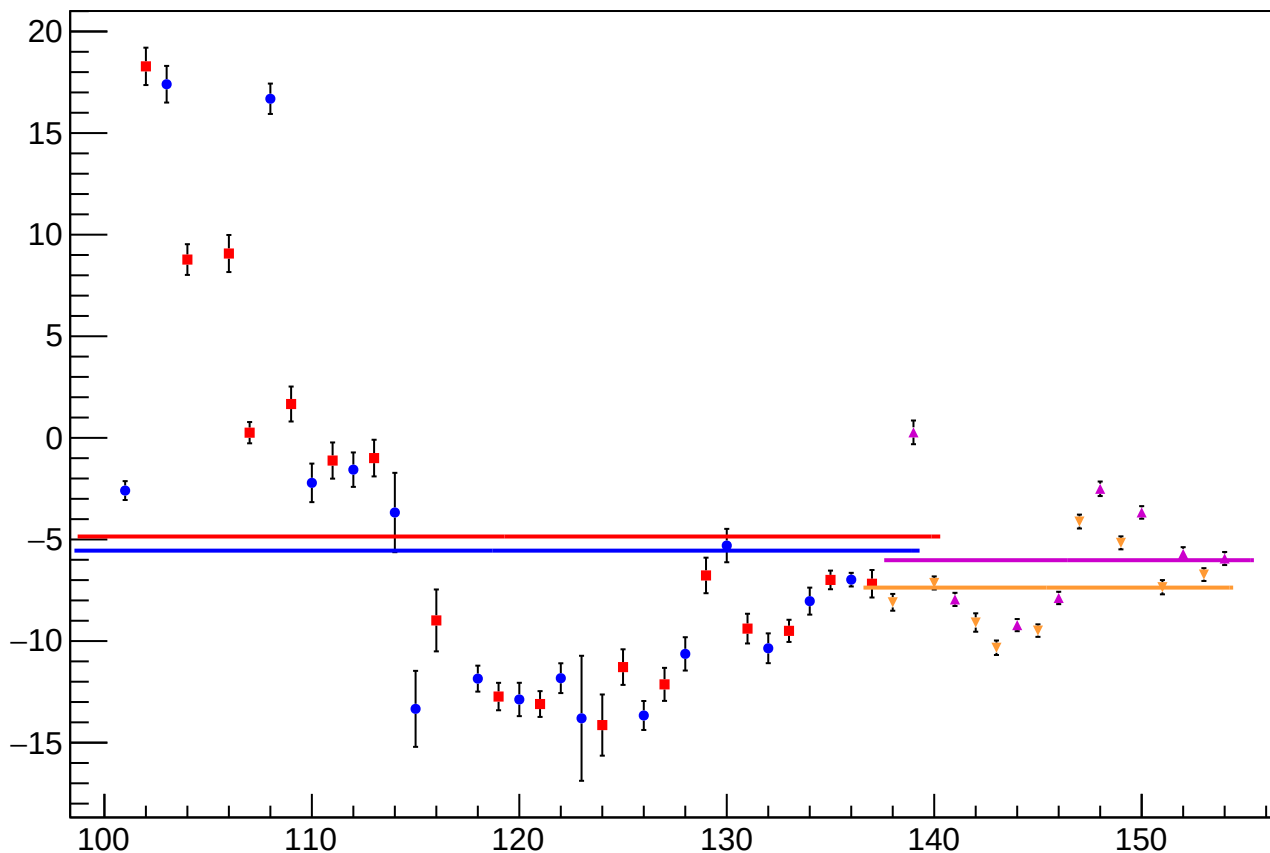
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -6.417 ± 0.121 $\chi^2/\text{NDF}: 3488.5/24$

Out: -6.022 ± 0.122 $\chi^2/\text{NDF}: 3582.3/26$

All: -6.221 ± 0.086 $\chi^2/\text{NDF}: 7076.0/51$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.369 ± 0.115 χ^2/NDF : 275.8/8

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.020 ± 0.118 χ^2/NDF : 458.0/7

Left: -6.712 ± 0.083 χ^2/NDF : 800.3/16

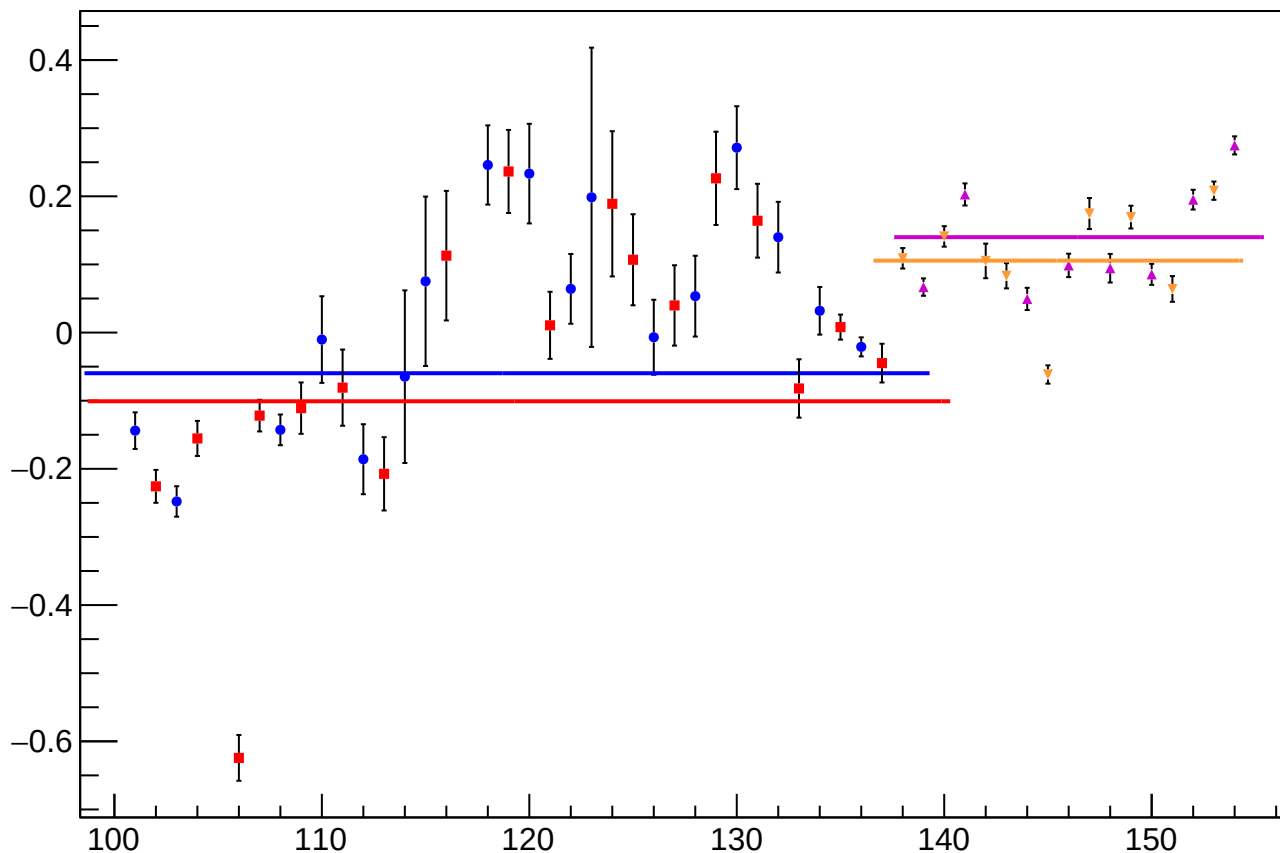
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.867 ± 0.097 χ^2/NDF : 2589.7/24

Out: -6.594 ± 0.096 χ^2/NDF : 2435.3/26

All: -6.235 ± 0.068 χ^2/NDF : 5053.4/51

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.106 ± 0.006 χ^2/NDF : 248.9/8

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.140 ± 0.005 χ^2/NDF : 219.3/7

Left: 0.123 ± 0.004 χ^2/NDF : 488.0/16

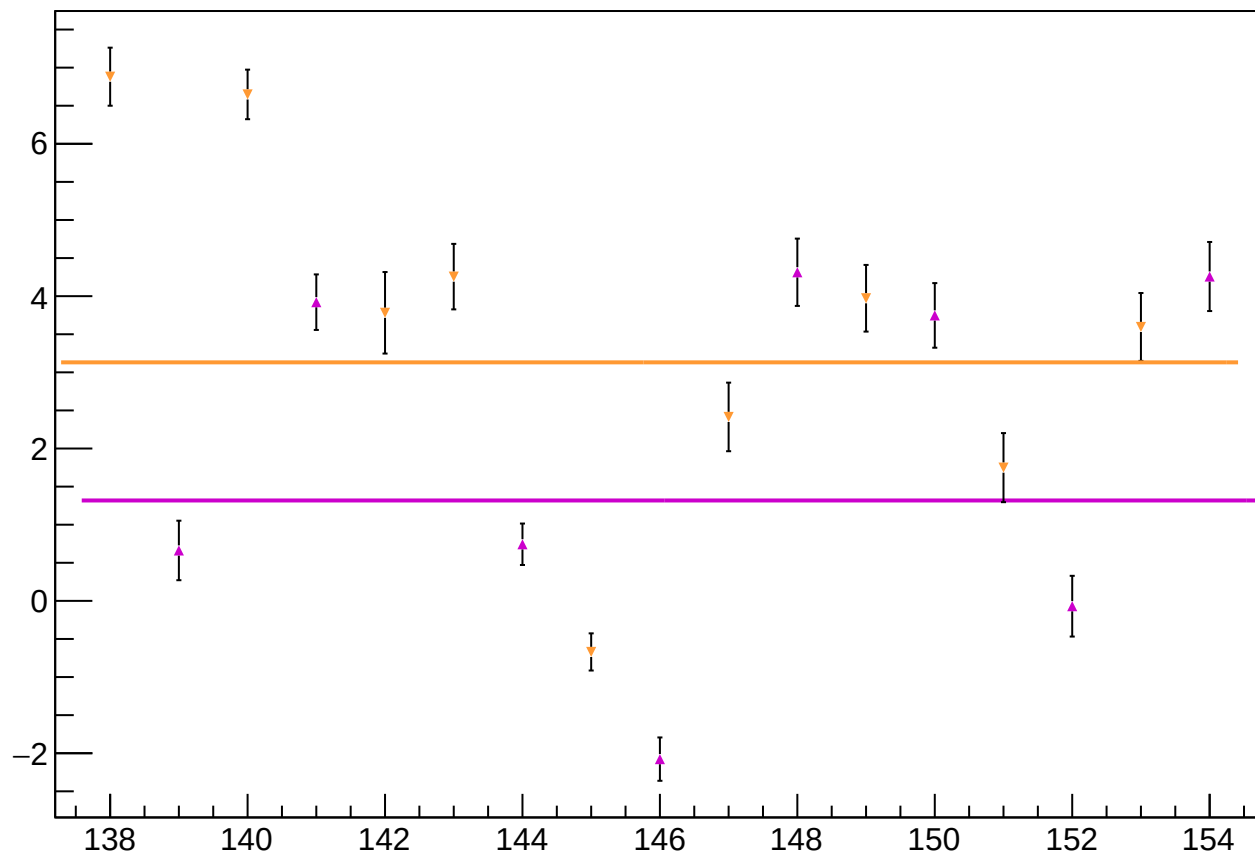
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.081 ± 0.005 χ^2/NDF : 835.1/24

Out: 0.044 ± 0.005 χ^2/NDF : 1095.7/26

All: 0.063 ± 0.003 χ^2/NDF : 1964.3/51

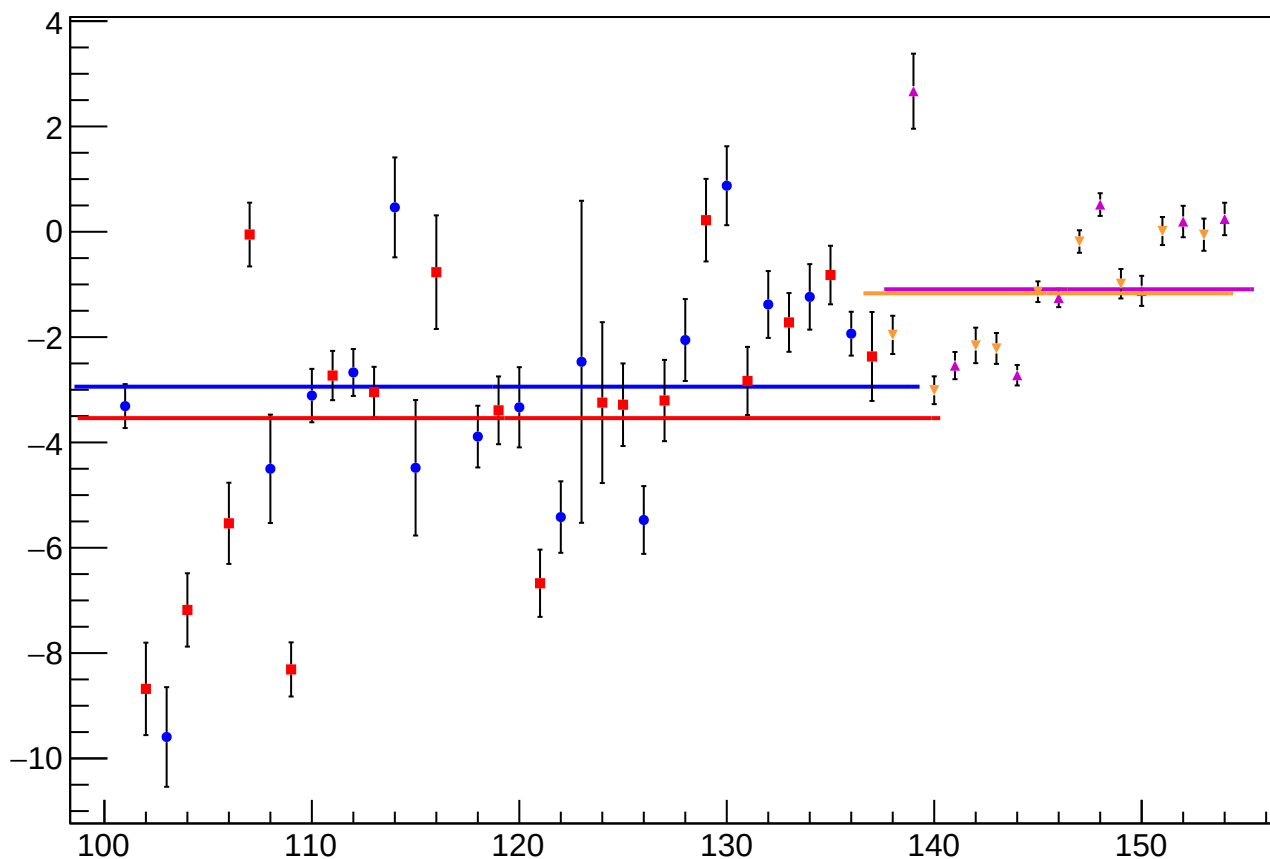
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.131+/-0.127 χ^2/NDF : 481.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.318+/-0.127 χ^2/NDF : 333.6/7

Left: 2.227+/-0.090 χ^2/NDF : 917.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.318+/-0.127 χ^2/NDF : 333.6/7
 Out: 3.131+/-0.127 χ^2/NDF : 481.7/8
 All: 2.227+/-0.090 χ^2/NDF : 917.1/16

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.168 ± 0.088 χ^2/NDF : 129.2/8

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.092 ± 0.087 χ^2/NDF : 223.7/7

Left: -1.129 ± 0.062 χ^2/NDF : 353.3/16

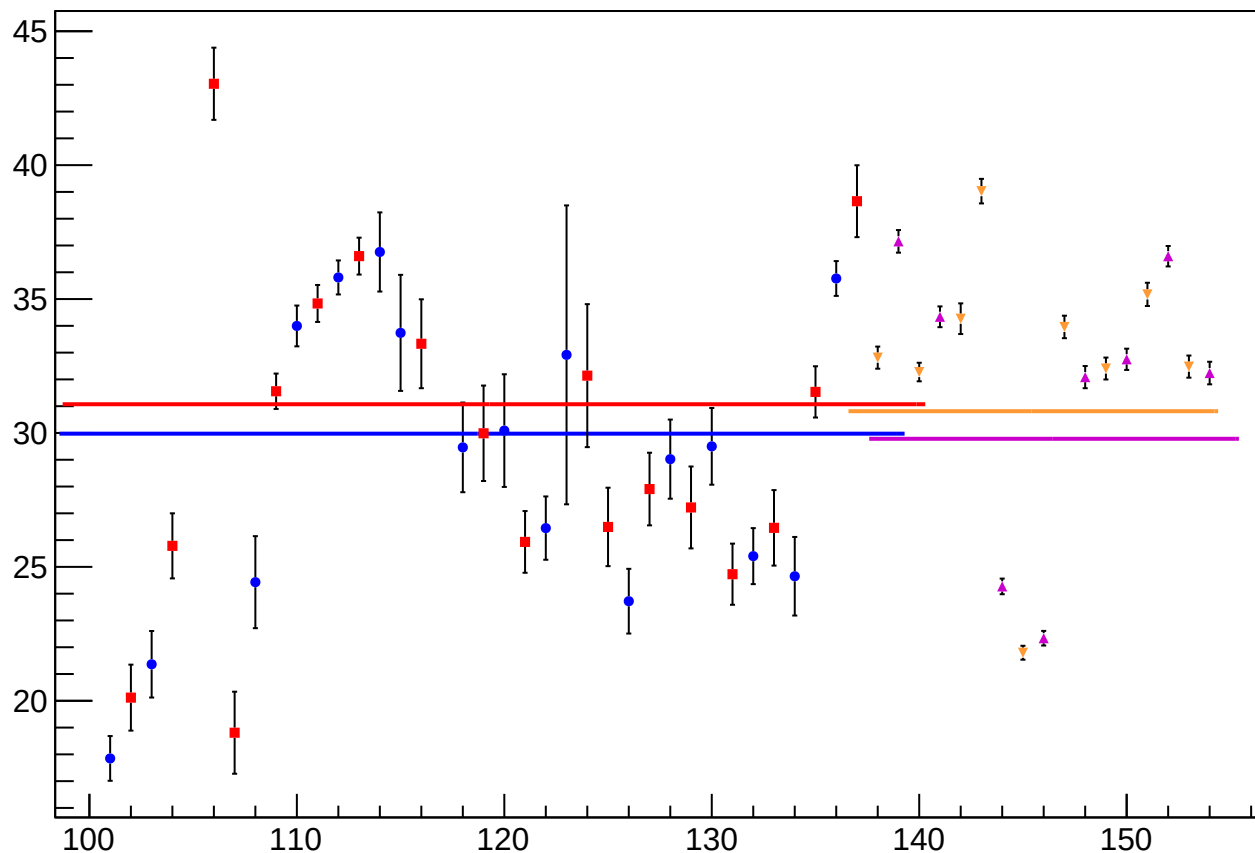
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.539 ± 0.076 χ^2/NDF : 478.4/24

Out: -1.753 ± 0.077 χ^2/NDF : 589.7/26

All: -1.645 ± 0.054 χ^2/NDF : 1072.0/51

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 30.813 $\pm$ 0.130 χ^2 /NDF:1793.2/8

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 29.783 $\pm$ 0.127 χ^2 /NDF:1984.1/7

Left: 30.287 $\pm$ 0.091 χ^2 /NDF: 3809.5/16

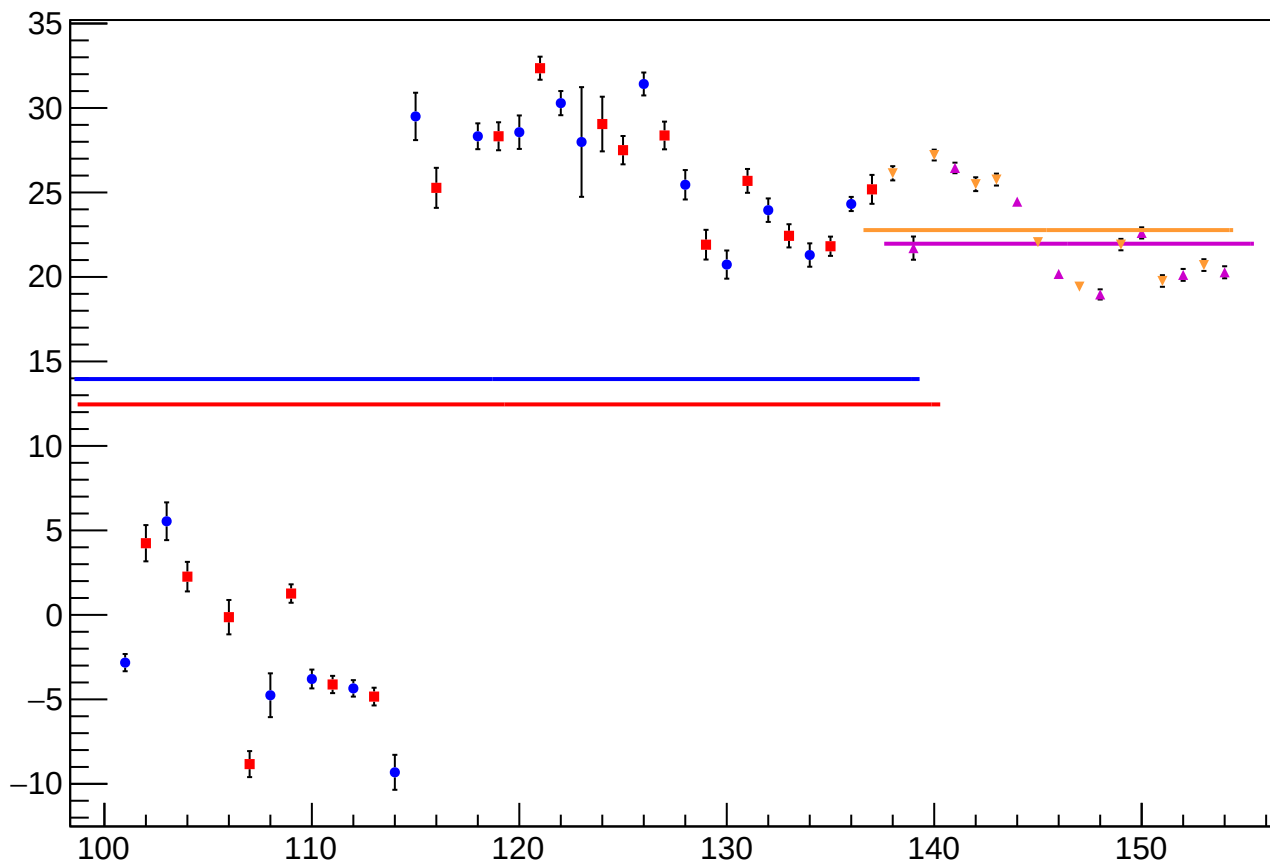
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 29.818 $\pm$ 0.115 χ^2 /NDF:2538.4/24

Out: 30.864 $\pm$ 0.116 χ^2 /NDF:2247.3/26

All: 30.335 $\pm$ 0.082 χ^2 /NDF: 4826.9/51

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.773 $\pm$ 0.108 χ^2 /NDF:629.8/8

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 21.967 $\pm$ 0.107 χ^2 /NDF:542.9/7

Left: 22.365 $\pm$ 0.076 χ^2 /NDF: 1200.9/16

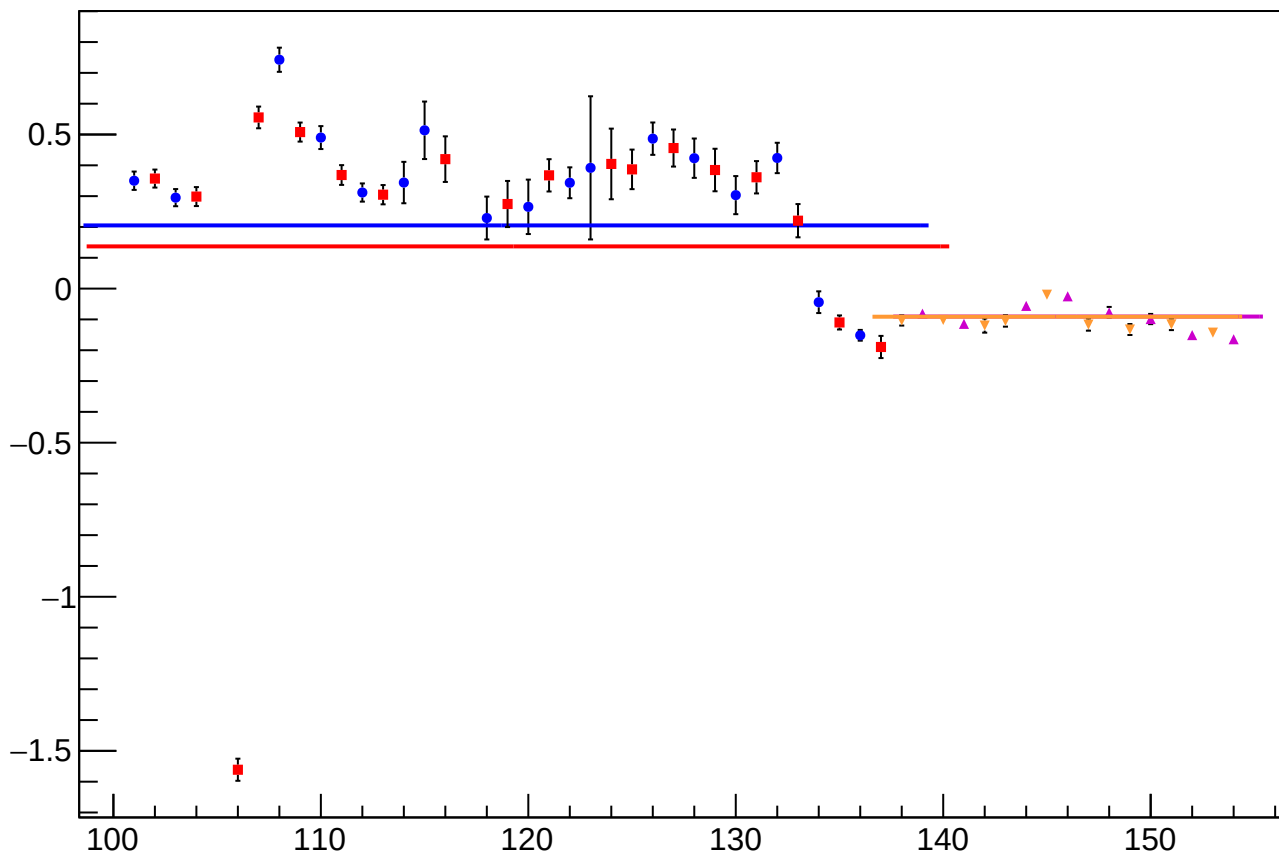
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.749 $\pm$ 0.091 χ^2 /NDF:9454.1/24

Out: 19.901 $\pm$ 0.092 χ^2 /NDF:10153.7/26

All: 19.824 $\pm$ 0.064 χ^2 /NDF: 19609.2/51

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.091 ± 0.005 $\chi^2/\text{NDF}: 73.5/8$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.091 ± 0.005 $\chi^2/\text{NDF}: 77.7/7$

Left: -0.091 ± 0.004 $\chi^2/\text{NDF}: 151.2/16$

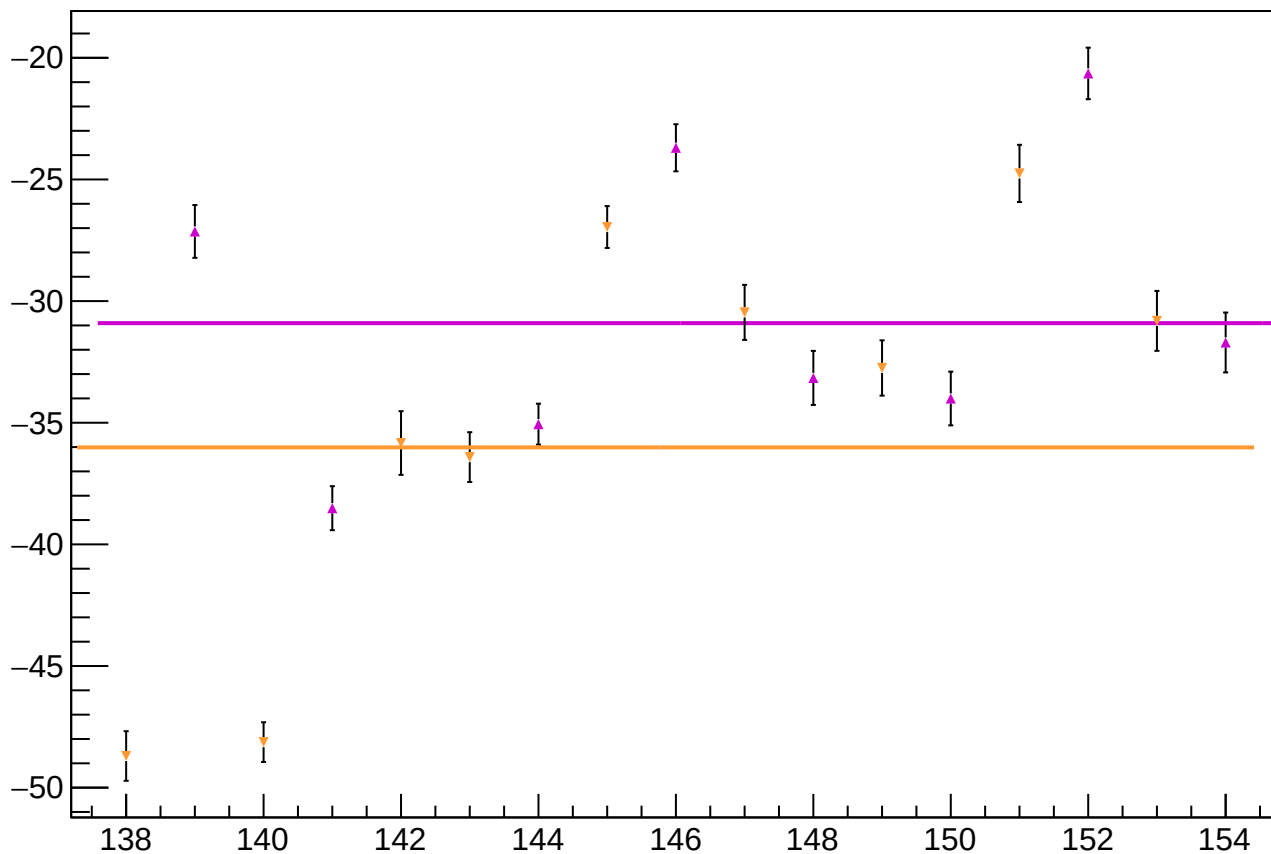
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.021 ± 0.005 $\chi^2/\text{NDF}: 1684.0/24$

Out: -0.035 ± 0.005 $\chi^2/\text{NDF}: 3542.6/26$

All: -0.028 ± 0.003 $\chi^2/\text{NDF}: 5231.3/51$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.013+/-0.347 χ^2/NDF :627.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.906+/-0.360 χ^2/NDF :269.1/7

Left: -33.548+/-0.250 χ^2/NDF : 1001.2/16

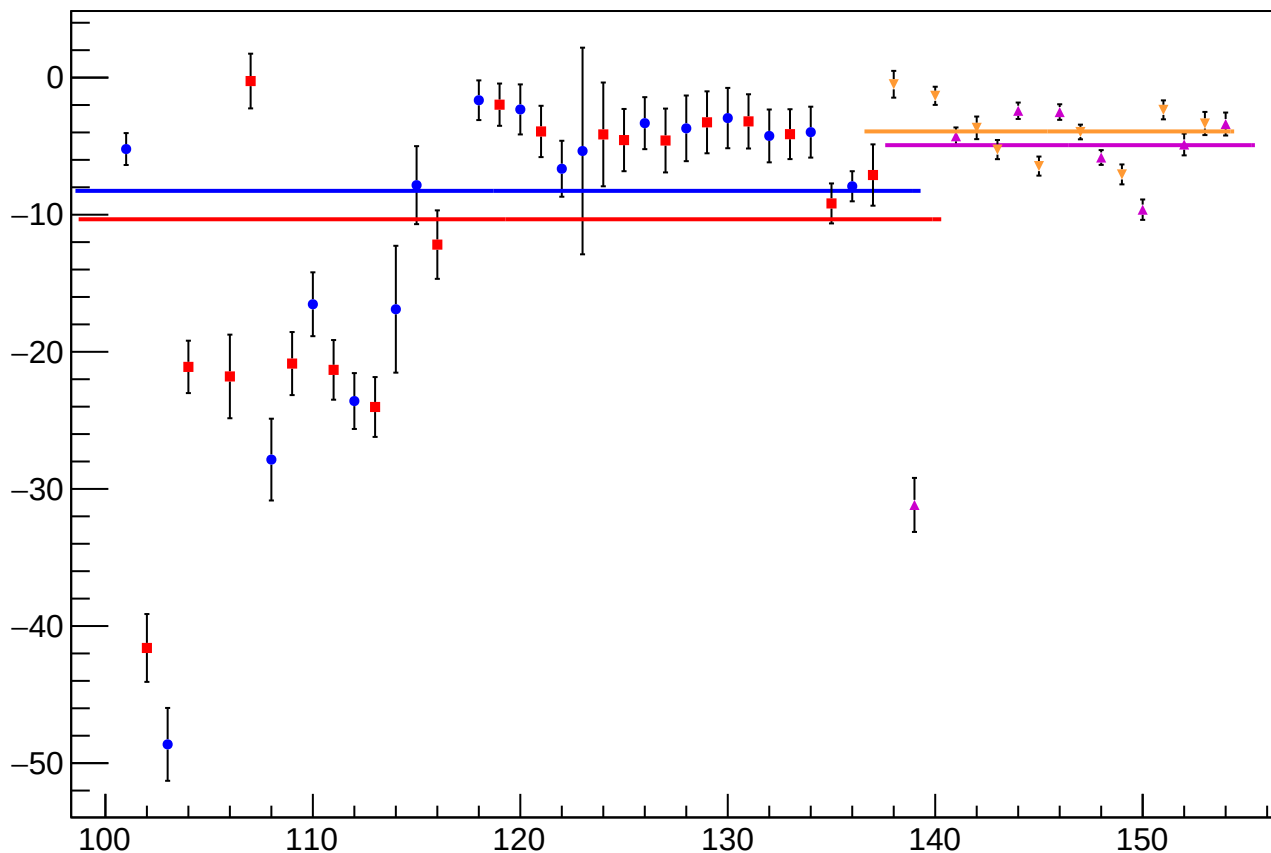
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.906+/-0.360 χ^2/NDF :269.1/7

Out: -36.013+/-0.347 χ^2/NDF :627.8/8

All: -33.548+/-0.250 χ^2/NDF : 1001.2/16

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.926 ± 0.237 $\chi^2/\text{NDF}: 68.9/8$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -4.928 ± 0.244 $\chi^2/\text{NDF}: 260.2/7$

Left: -4.413 ± 0.170 $\chi^2/\text{NDF}: 337.9/16$

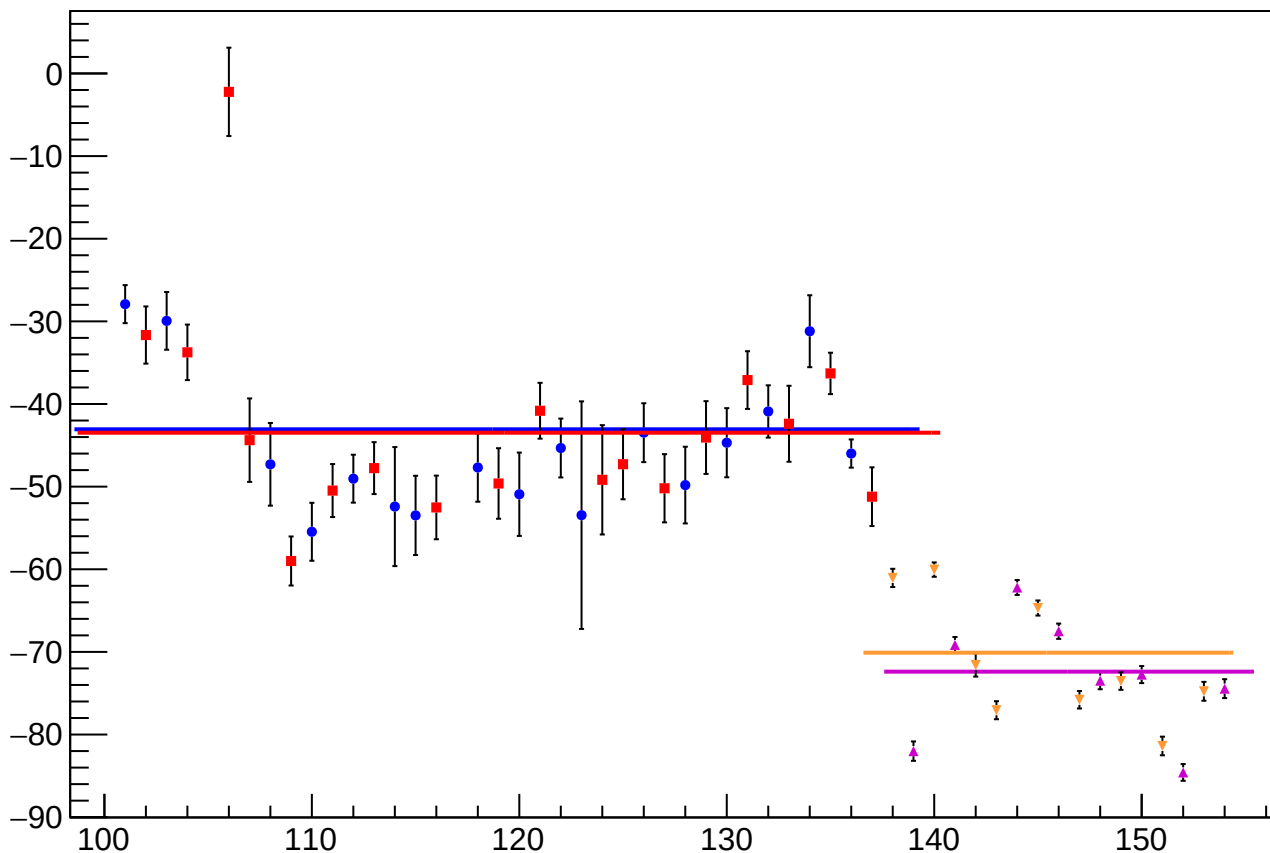
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -5.652 ± 0.216 $\chi^2/\text{NDF}: 712.7/24$

Out: -5.137 ± 0.214 $\chi^2/\text{NDF}: 617.9/26$

All: -5.392 ± 0.152 $\chi^2/\text{NDF}: 1333.5/51$

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: -70.097 ± 0.353 $\chi^2/\text{NDF}: 434.1/8$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -72.390 ± 0.358 $\chi^2/\text{NDF}: 383.6/7$

Left: -71.228 ± 0.251 $\chi^2/\text{NDF}: 838.5/16$

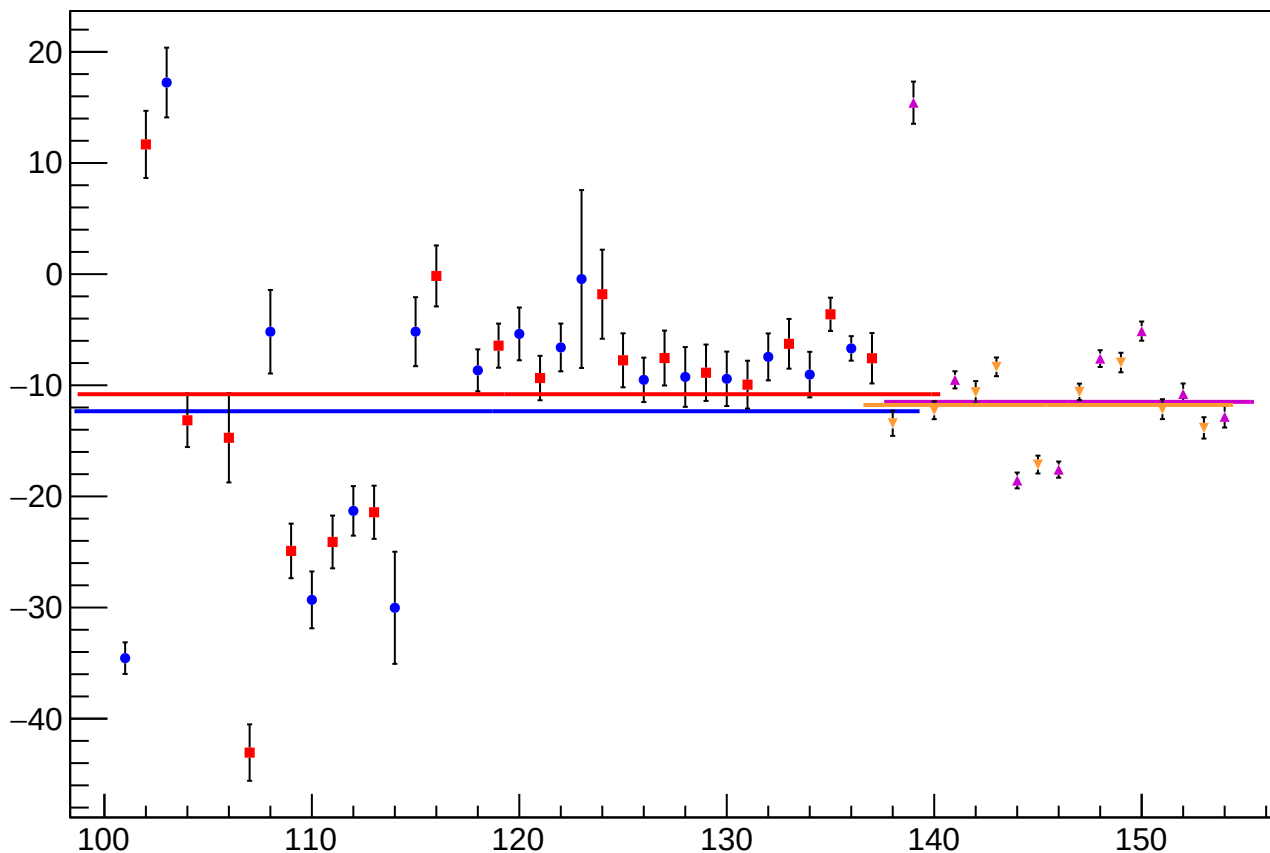
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -67.841 ± 0.329 $\chi^2/\text{NDF}: 1524.0/24$

Out: -66.323 ± 0.327 $\chi^2/\text{NDF}: 1382.5/26$

All: -67.078 ± 0.232 $\chi^2/\text{NDF}: 2917.2/51$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 $\pm$ 0.520 χ^2 /NDF: 475.2/16

Left Out: -11.770 $\pm$ 0.292 χ^2 /NDF: 91.2/8

Right Out: -10.804 $\pm$ 0.554 χ^2 /NDF: 361.4/17

Left In: -11.493 $\pm$ 0.300 χ^2 /NDF: 460.5/7

Left: -11.636 $\pm$ 0.209 χ^2 /NDF: 552.2/16

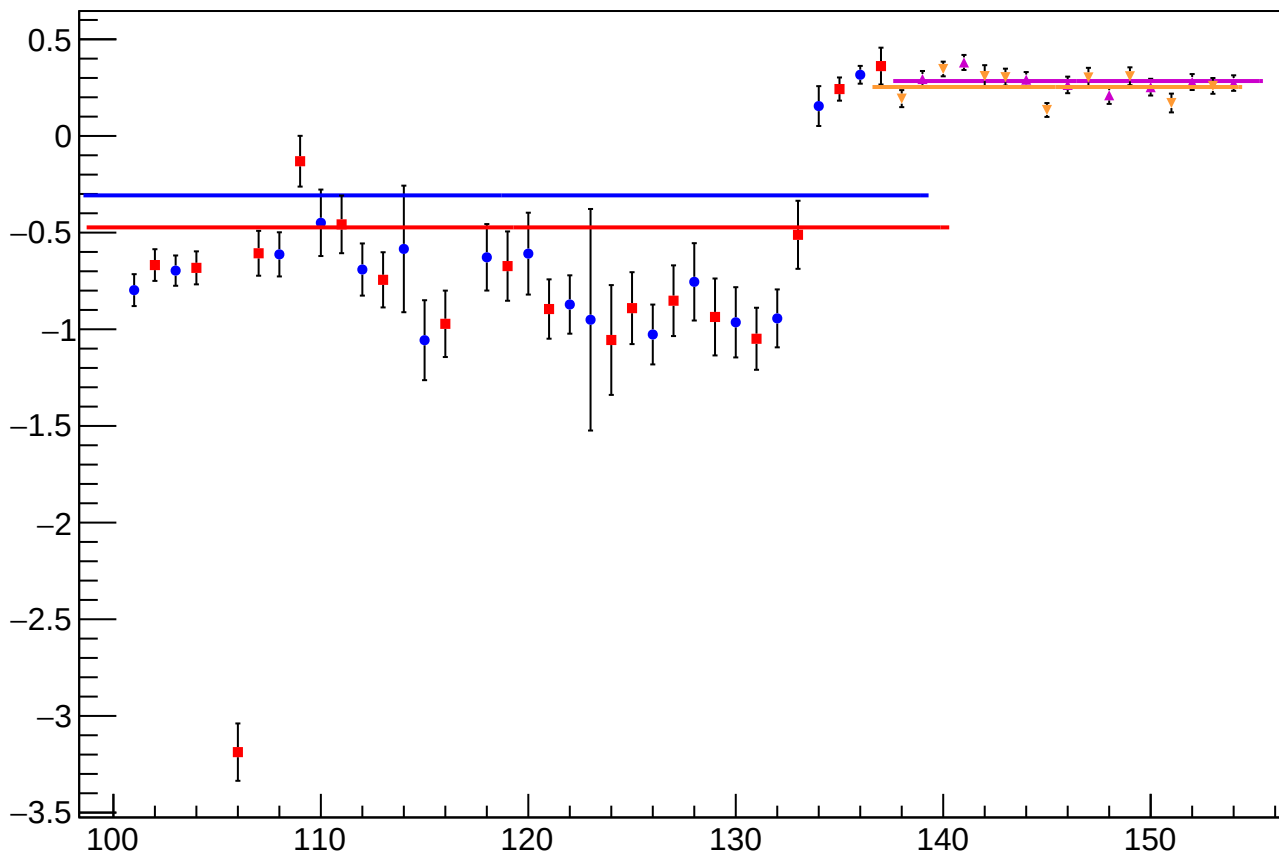
Right: -11.618 $\pm$ 0.379 χ^2 /NDF: 840.6/34

In: -11.703 $\pm$ 0.260 χ^2 /NDF: 937.7/24

Out: -11.561 $\pm$ 0.258 χ^2 /NDF: 455.0/26

All: -11.631 $\pm$ 0.183 χ^2 /NDF: 1392.8/51

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.253 ± 0.015 χ^2/NDF : 26.6/8

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.284 ± 0.015 χ^2/NDF : 9.8/7

Left: 0.269 ± 0.010 χ^2/NDF : 38.6/16

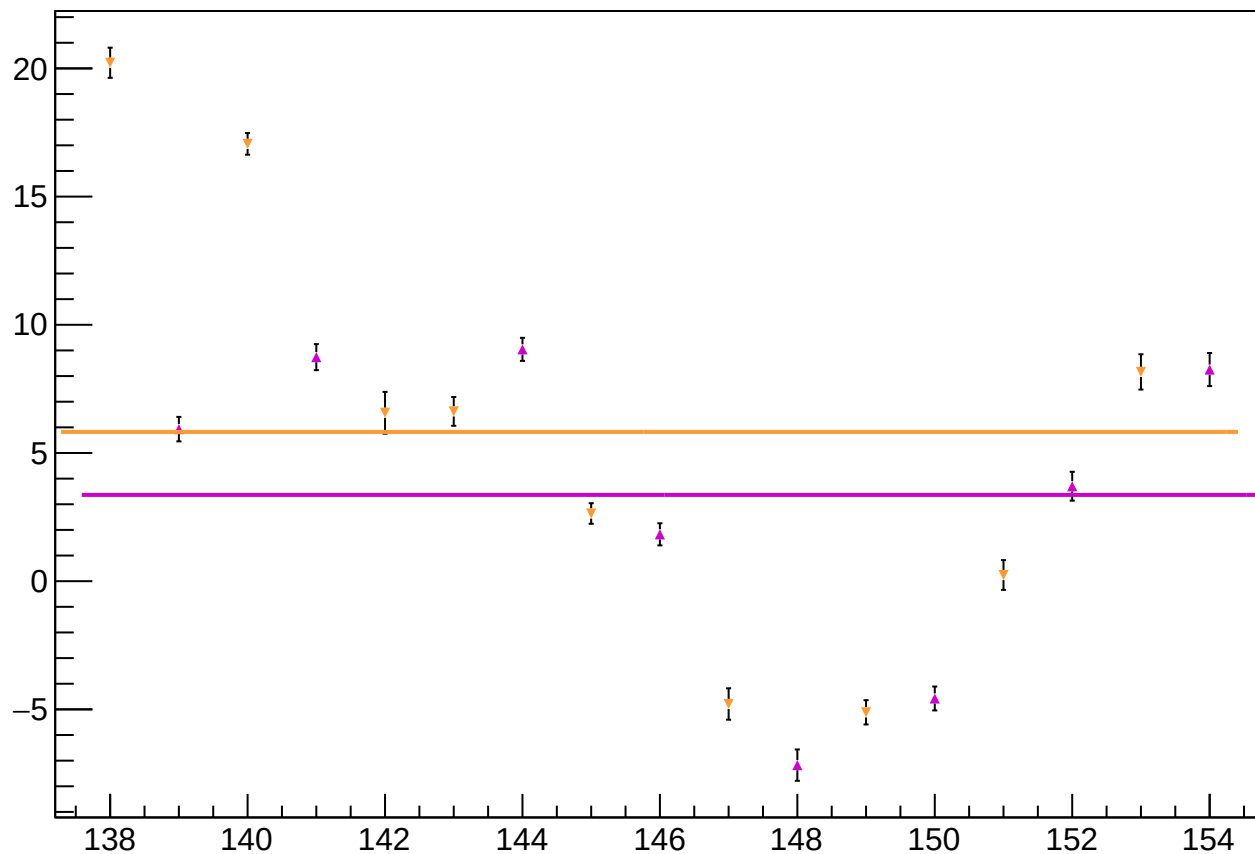
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.154 ± 0.013 χ^2/NDF : 742.0/24

Out: 0.104 ± 0.013 χ^2/NDF : 1164.5/26

All: 0.129 ± 0.009 χ^2/NDF : 1913.9/51

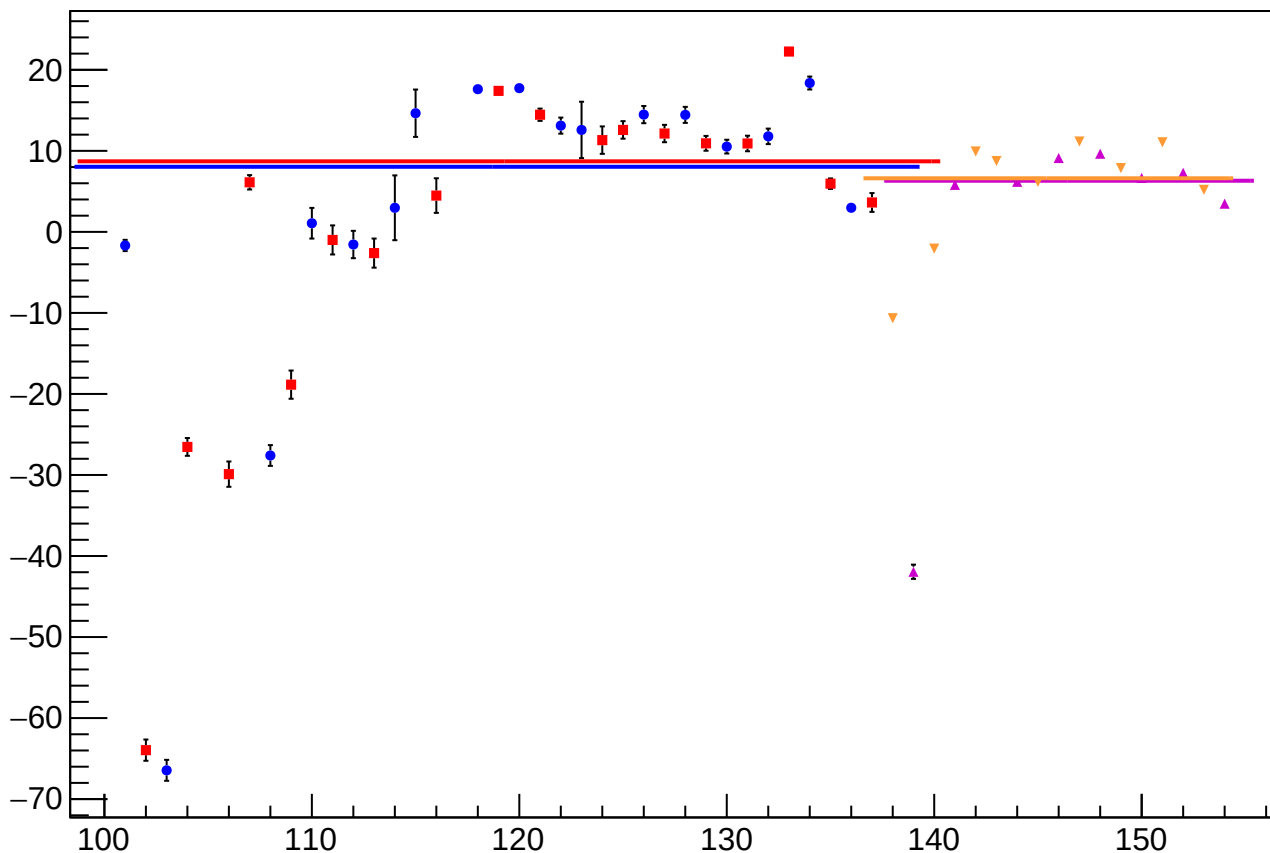
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.822+/-0.178 χ^2/NDF :2311.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.365+/-0.178 χ^2/NDF :957.8/7

Left: 4.597+/-0.126 χ^2/NDF : 3364.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.365+/-0.178 χ^2/NDF :957.8/7
 Out: 5.822+/-0.178 χ^2/NDF :2311.8/8
 All: 4.597+/-0.126 χ^2/NDF : 3364.7/16

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 6.616 ± 0.123 $\chi^2/\text{NDF}: 1958.6/8$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 6.312 ± 0.126 $\chi^2/\text{NDF}: 3284.2/7$

Left: 6.467 ± 0.088 $\chi^2/\text{NDF}: 5245.8/16$

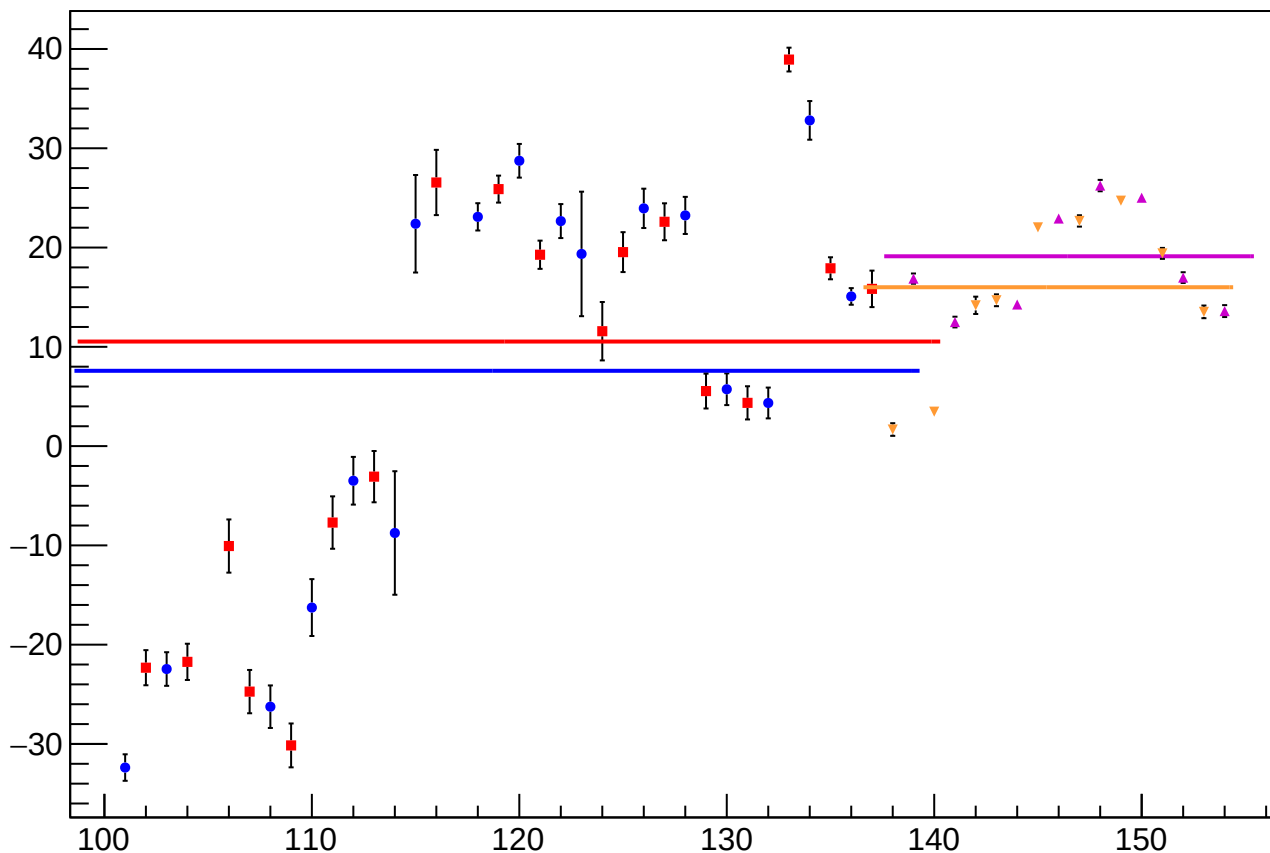
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 6.750 ± 0.109 $\chi^2/\text{NDF}: 8702.2/24$

Out: 7.140 ± 0.107 $\chi^2/\text{NDF}: 8321.0/26$

All: 6.949 ± 0.076 $\chi^2/\text{NDF}: 17029.8/51$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 16.002 ± 0.180 χ^2/NDF : 2070.1/8

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 19.120 ± 0.177 χ^2/NDF : 793.2/7

Left: 17.584 ± 0.126 χ^2/NDF : 3015.9/16

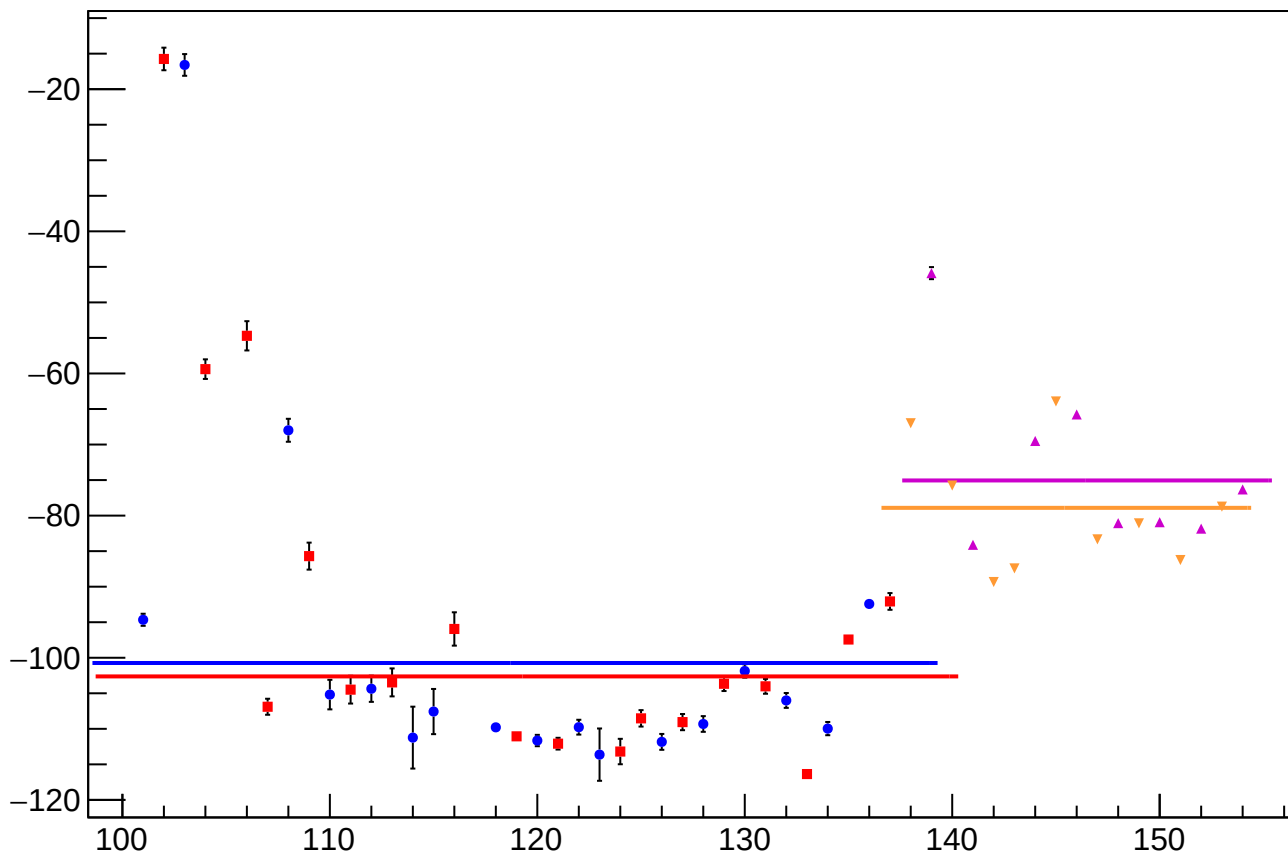
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 17.351 ± 0.163 χ^2/NDF : 3766.0/24

Out: 15.147 ± 0.165 χ^2/NDF : 4494.4/26

All: 16.263 ± 0.116 χ^2/NDF : 8350.6/51

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -78.906 ± 0.150 $\chi^2/\text{NDF}: 2973.7/8$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -75.053 ± 0.152 $\chi^2/\text{NDF}: 3212.0/7$

Left: -77.005 ± 0.107 $\chi^2/\text{NDF}: 6509.4/16$

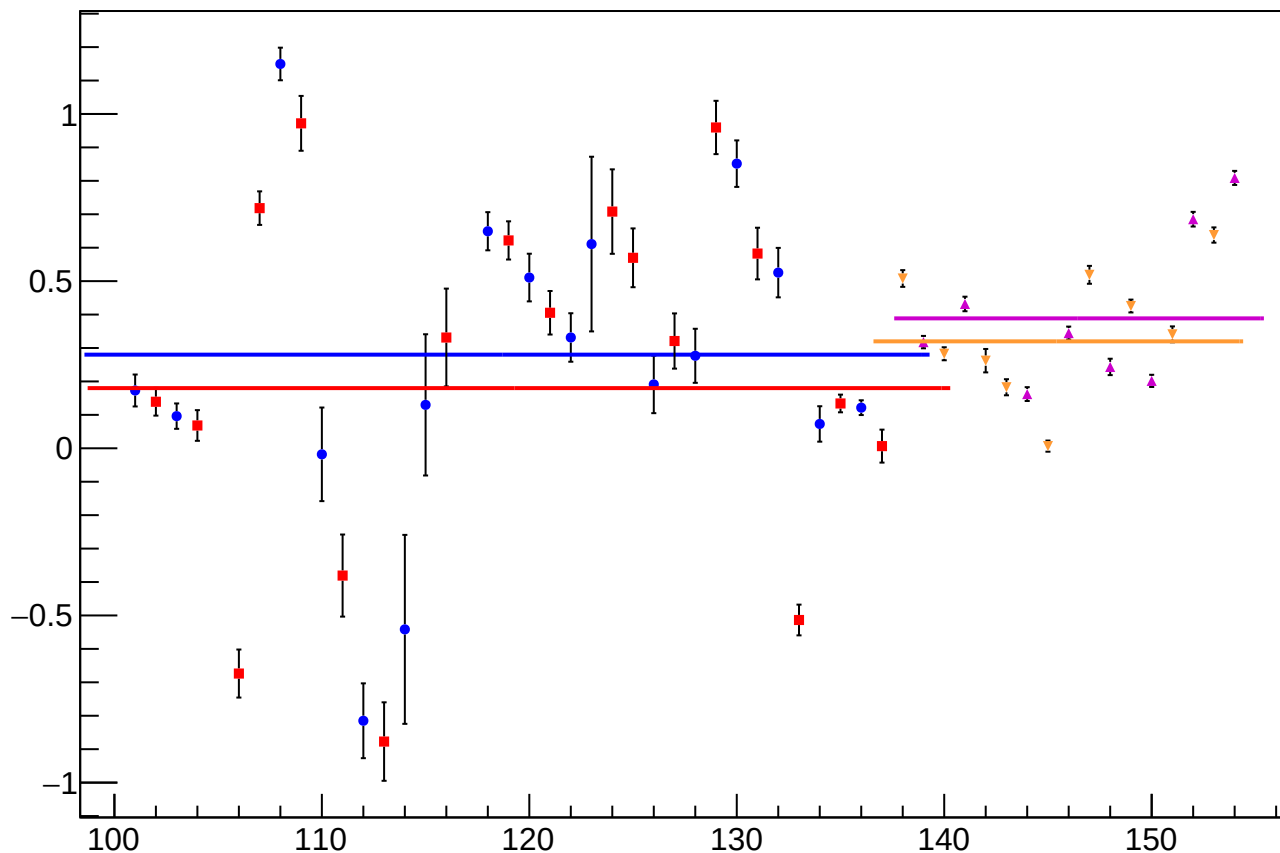
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -82.084 ± 0.130 $\chi^2/\text{NDF}: 15502.2/24$

Out: -85.361 ± 0.128 $\chi^2/\text{NDF}: 15450.7/26$

All: -83.742 ± 0.091 $\chi^2/\text{NDF}: 31274.8/51$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 $\chi^2/\text{NDF}: 656.4/16$

Left Out: 0.320 ± 0.007 $\chi^2/\text{NDF}: 729.3/8$

Right Out: 0.180 ± 0.013 $\chi^2/\text{NDF}: 937.1/17$

Left In: 0.389 ± 0.007 $\chi^2/\text{NDF}: 864.9/7$

Left: 0.355 ± 0.005 $\chi^2/\text{NDF}: 1638.1/16$

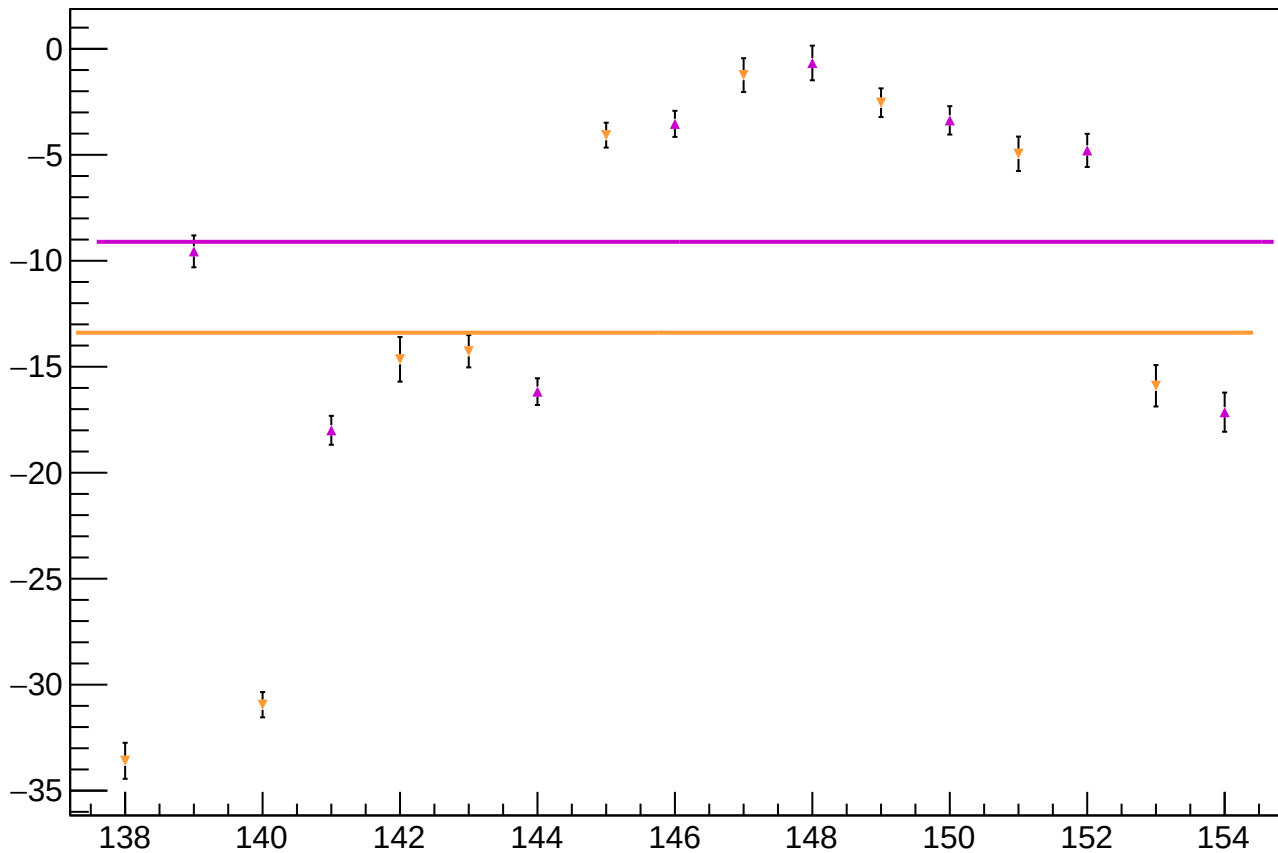
Right: 0.230 ± 0.010 $\chi^2/\text{NDF}: 1621.0/34$

In: 0.364 ± 0.006 $\chi^2/\text{NDF}: 1571.5/24$

Out: 0.287 ± 0.006 $\chi^2/\text{NDF}: 1749.0/26$

All: 0.326 ± 0.005 $\chi^2/\text{NDF}: 3391.6/51$

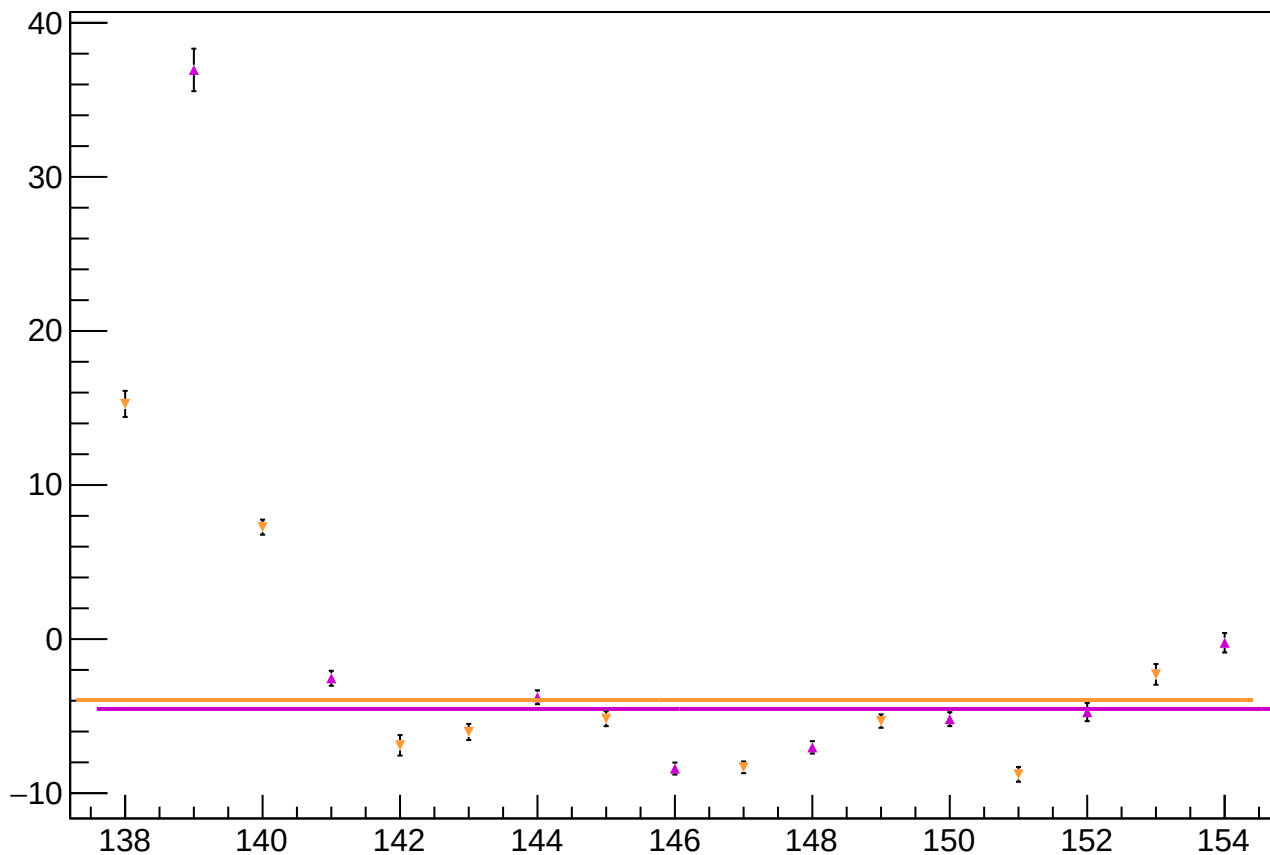
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.393+/-0.250 χ^2/NDF :2292.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.105+/-0.253 χ^2/NDF :664.0/7

Left: -11.279+/-0.178 χ^2/NDF : 3101.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.105+/-0.253 χ^2/NDF :664.0/7
 Out: -13.393+/-0.250 χ^2/NDF :2292.0/8
 All: -11.279+/-0.178 χ^2/NDF : 3101.4/16

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.953+/-0.170 χ^2/NDF :1330.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.534+/-0.175 χ^2/NDF :1110.3/7

Left: -4.236+/-0.122 χ^2/NDF : 2446.6/16

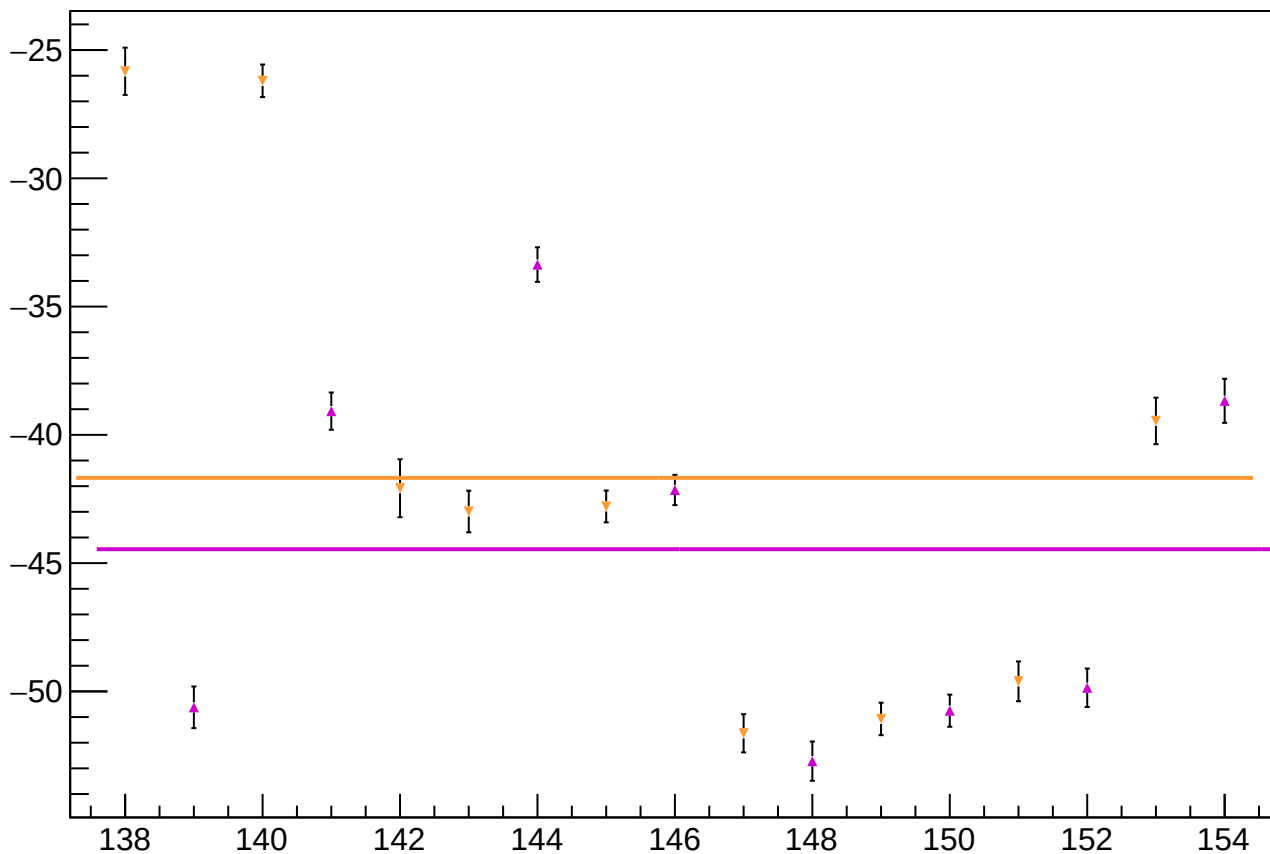
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.534+/-0.175 χ^2/NDF :1110.3/7

Out: -3.953+/-0.170 χ^2/NDF :1330.7/8

All: -4.236+/-0.122 χ^2/NDF : 2446.6/16

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



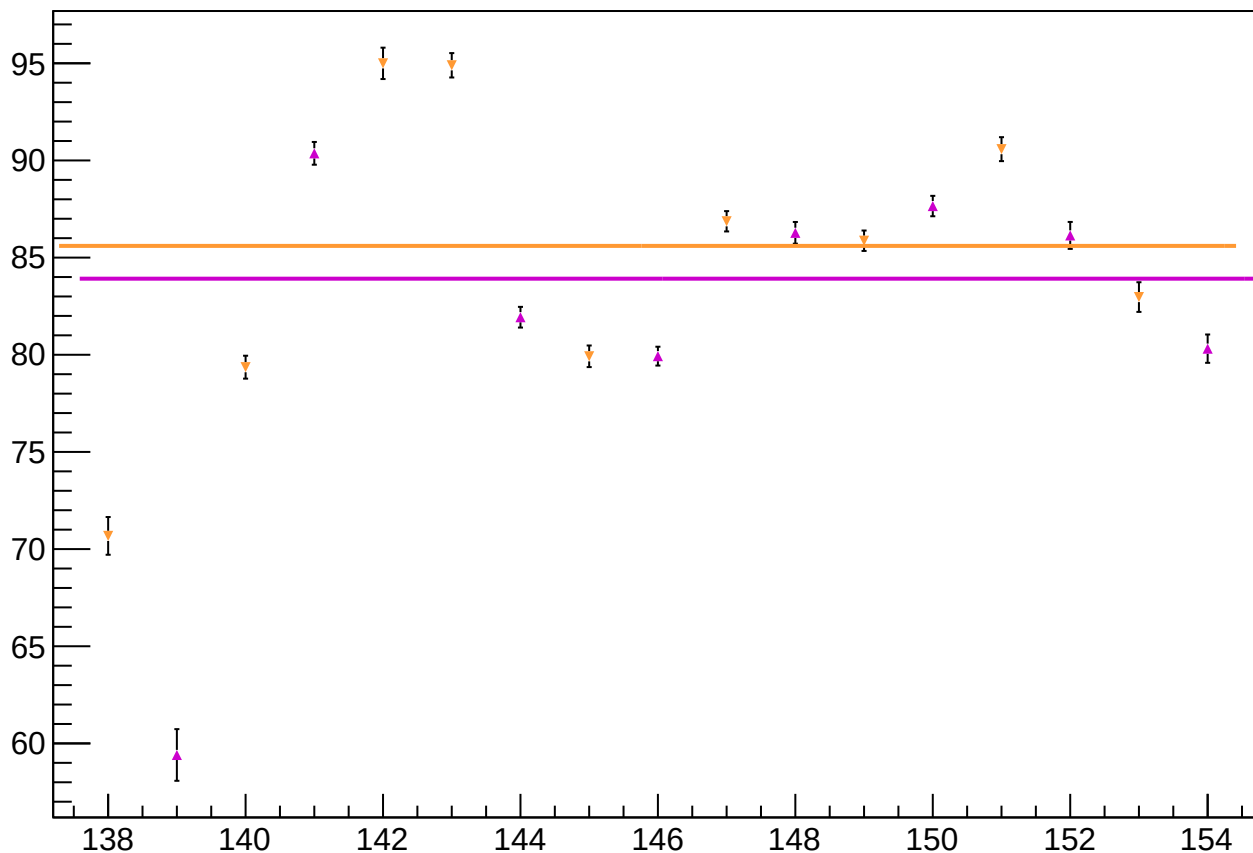
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.677+/-0.252 χ^2/NDF :1406.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.458+/-0.251 χ^2/NDF :713.5/7

Left: -43.073+/-0.178 χ^2/NDF : 2180.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.458+/-0.251 χ^2/NDF :713.5/7
 Out: -41.677+/-0.252 χ^2/NDF :1406.1/8

All: -43.073+/-0.178 χ^2/NDF : 2180.6/16

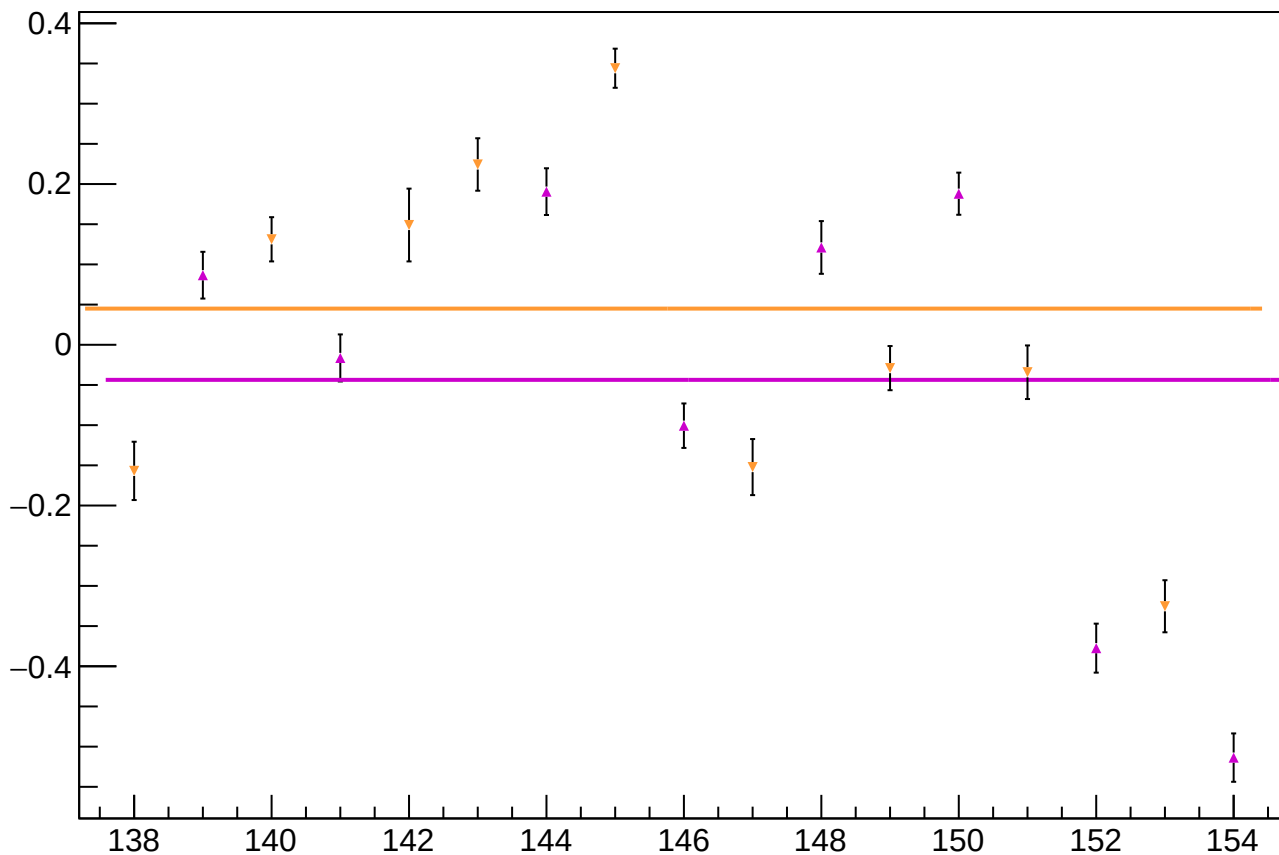
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.603+/-0.209 χ^2/NDF :891.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.915+/-0.213 χ^2/NDF :645.8/7

Left: 84.775+/-0.149 χ^2/NDF : 1568.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.915+/-0.213 χ^2/NDF :645.8/7
 Out: 85.603+/-0.209 χ^2/NDF :891.0/8
 All: 84.775+/-0.149 χ^2/NDF : 1568.8/16

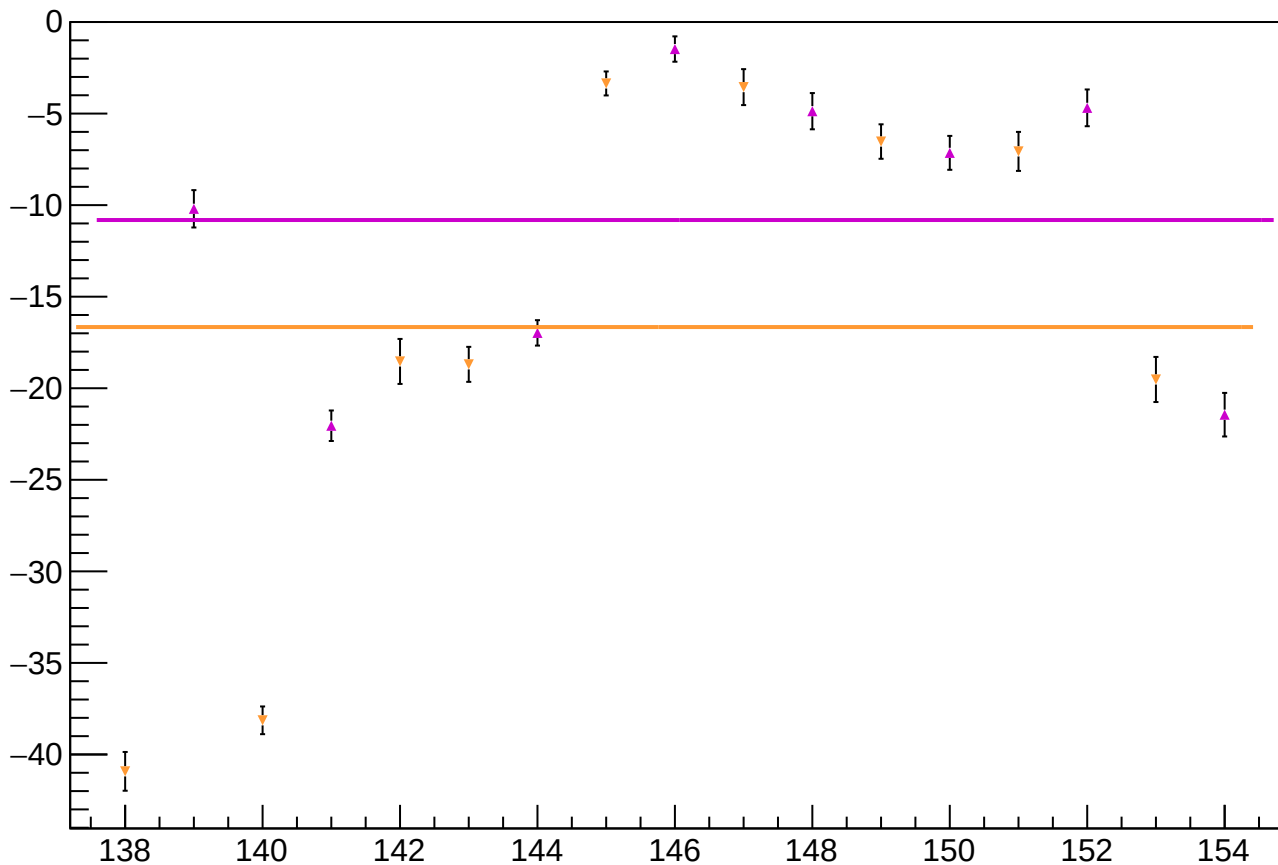
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.045+/-0.010 χ^2/NDF :402.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.044+/-0.010 χ^2/NDF :557.3/7

Left: 0.000+/-0.007 χ^2/NDF : 996.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.044+/-0.010 χ^2/NDF :557.3/7
 Out: 0.045+/-0.010 χ^2/NDF :402.7/8
 All: 0.000+/-0.007 χ^2/NDF : 996.6/16

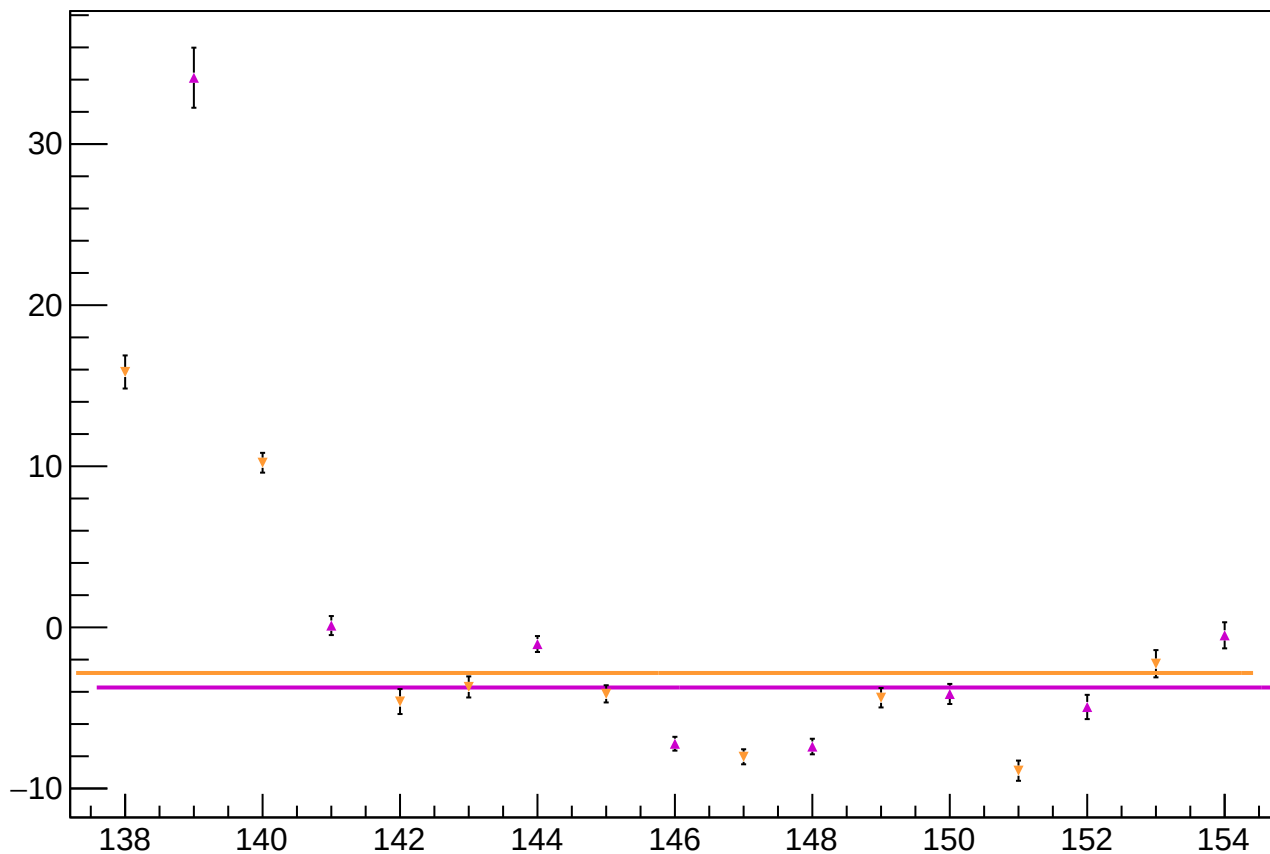
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.658+/-0.310 χ^2/NDF :2130.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.813+/-0.309 χ^2/NDF :611.9/7

Left: -13.733+/-0.219 χ^2/NDF : 2920.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.813+/-0.309 χ^2/NDF :611.9/7
 Out: -16.658+/-0.310 χ^2/NDF :2130.6/8
 All: -13.733+/-0.219 χ^2/NDF : 2920.9/16

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.830+/-0.211 χ^2/NDF :1019.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.732+/-0.209 χ^2/NDF :626.8/7

Left: -3.285+/-0.149 χ^2/NDF : 1655.5/16

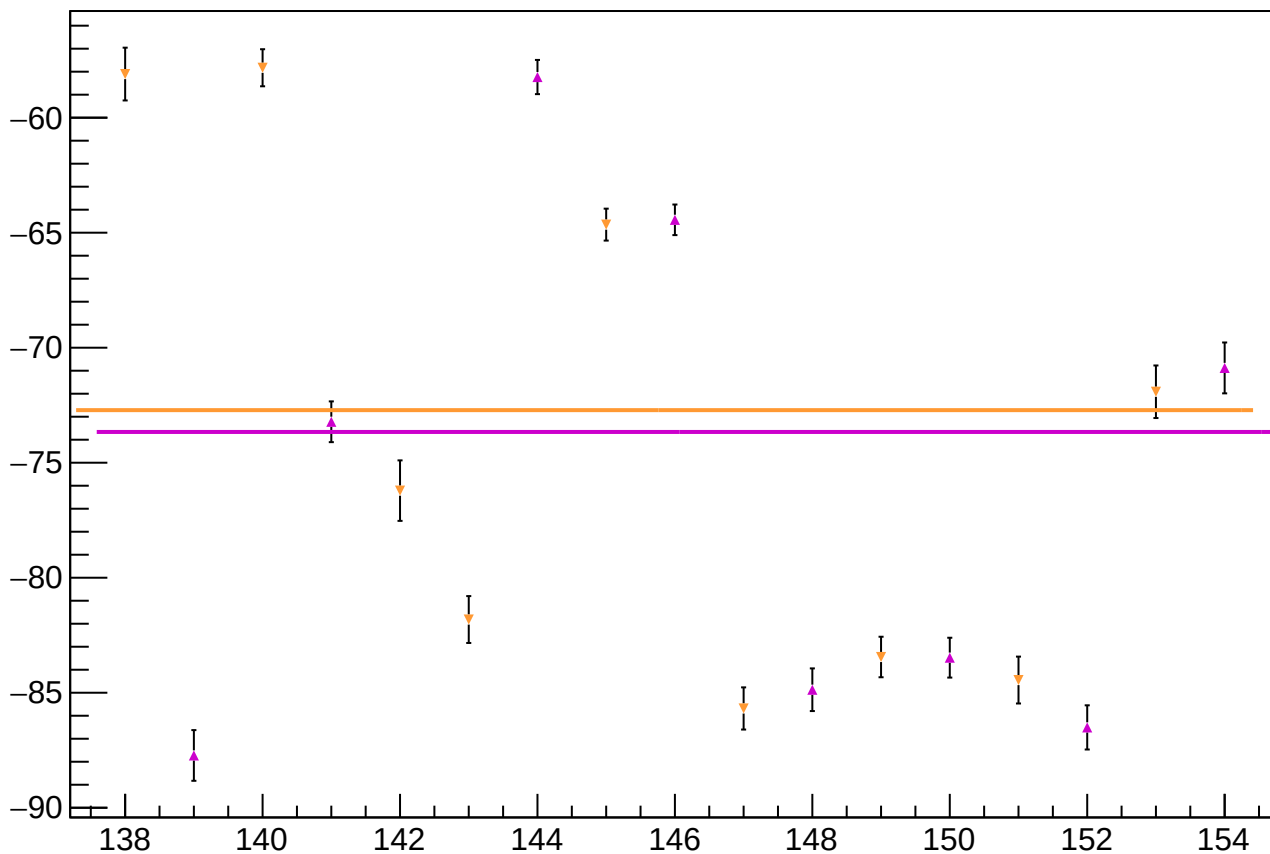
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.732+/-0.209 χ^2/NDF :626.8/7

Out: -2.830+/-0.211 χ^2/NDF :1019.5/8

All: -3.285+/-0.149 χ^2/NDF : 1655.5/16

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.714+/-0.314 χ^2/NDF :1207.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.663+/-0.308 χ^2/NDF :1245.7/7

Left: -73.199+/-0.220 χ^2/NDF : 2457.4/16

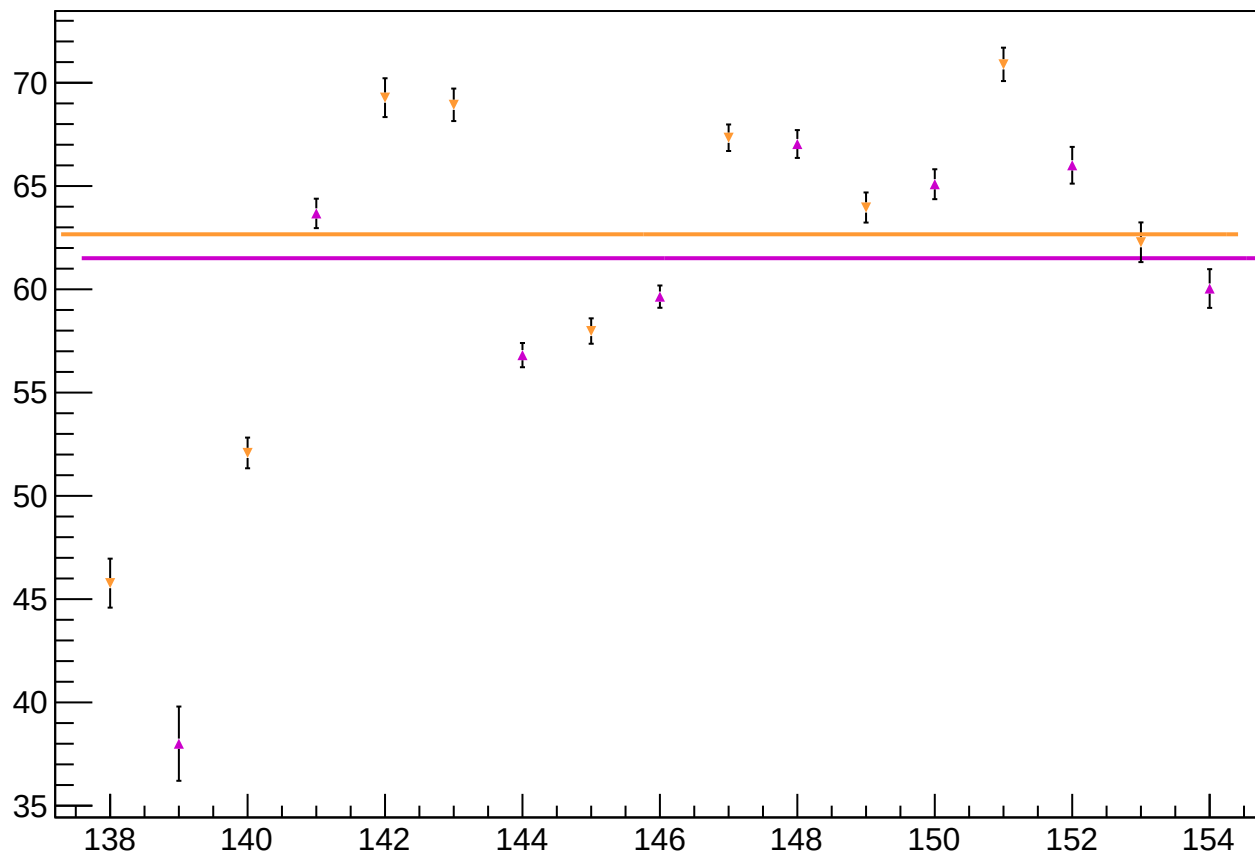
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.663+/-0.308 χ^2/NDF :1245.7/7

Out: -72.714+/-0.314 χ^2/NDF :1207.0/8

All: -73.199+/-0.220 χ^2/NDF : 2457.4/16

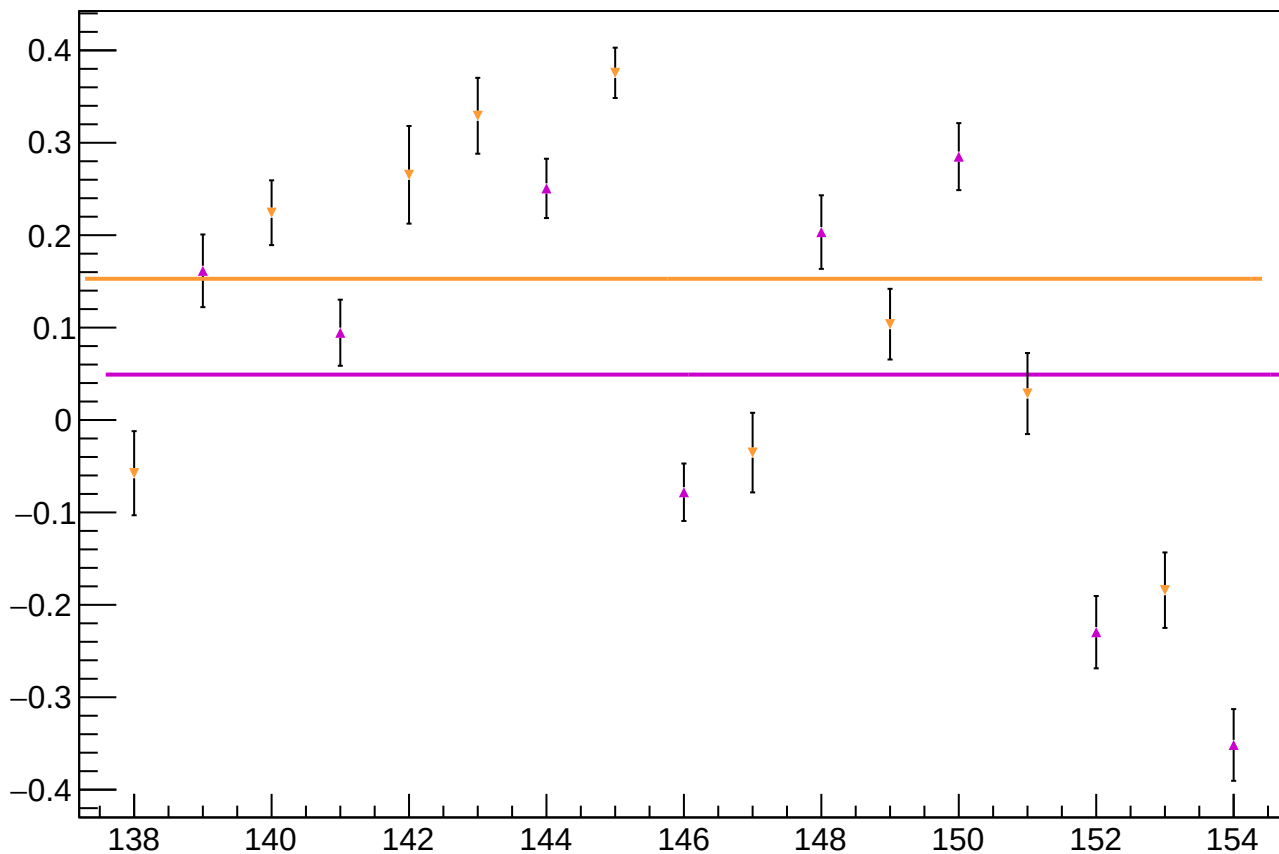
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.664+/-0.260 χ^2/NDF : 736.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.506+/-0.257 χ^2/NDF : 375.9/7

Left: 62.079+/-0.183 χ^2/NDF : 1122.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.506+/-0.257 χ^2/NDF : 375.9/7
 Out: 62.664+/-0.260 χ^2/NDF : 736.8/8
 All: 62.079+/-0.183 χ^2/NDF : 1122.8/16

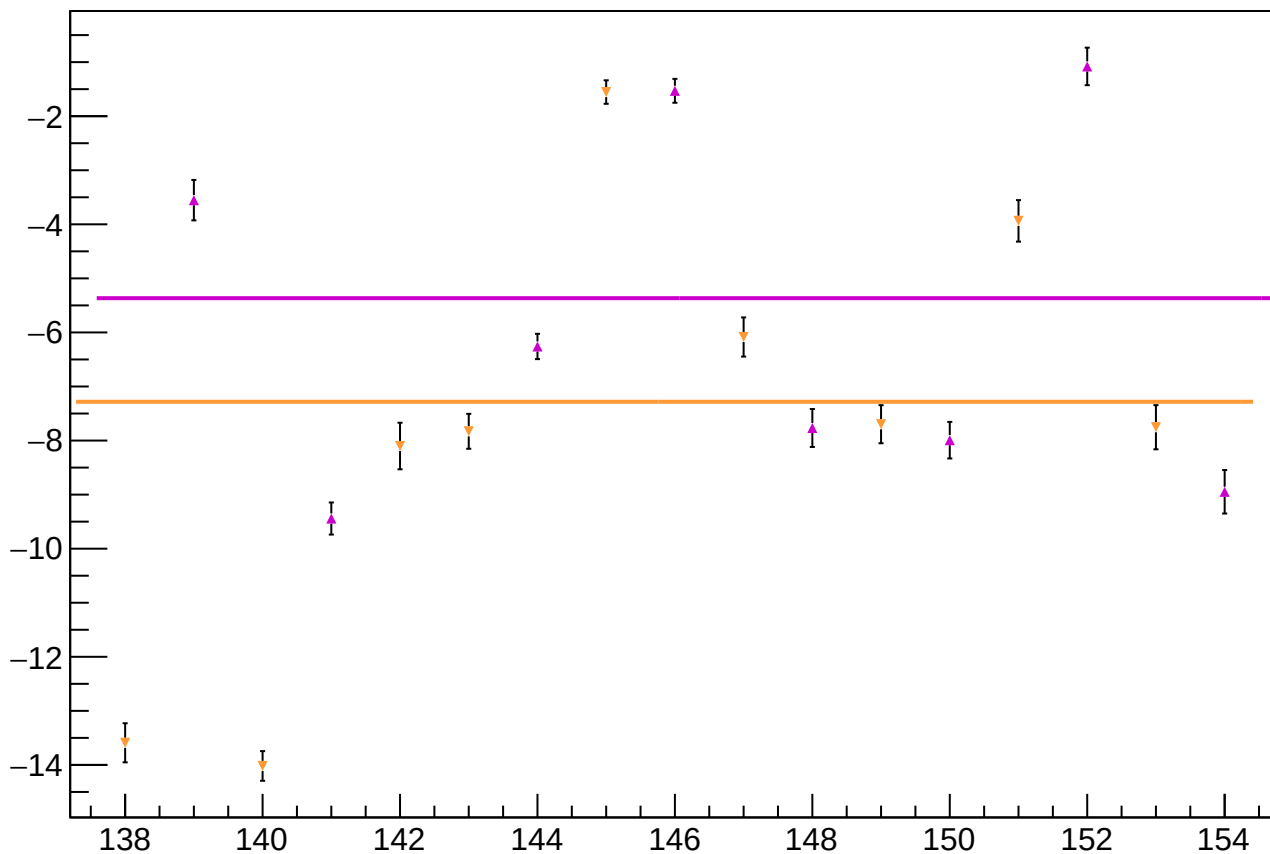
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.153+/-0.013 χ^2/NDF :212.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.049+/-0.013 χ^2/NDF :280.7/7

Left: 0.100+/-0.009 χ^2/NDF : 525.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.049+/-0.013 χ^2/NDF :280.7/7
 Out: 0.153+/-0.013 χ^2/NDF :212.2/8
 All: 0.100+/-0.009 χ^2/NDF : 525.3/16

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.282+/-0.108 χ^2/NDF :1699.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.366+/-0.106 χ^2/NDF :867.1/7

Left: -6.308+/-0.076 χ^2/NDF : 2726.2/16

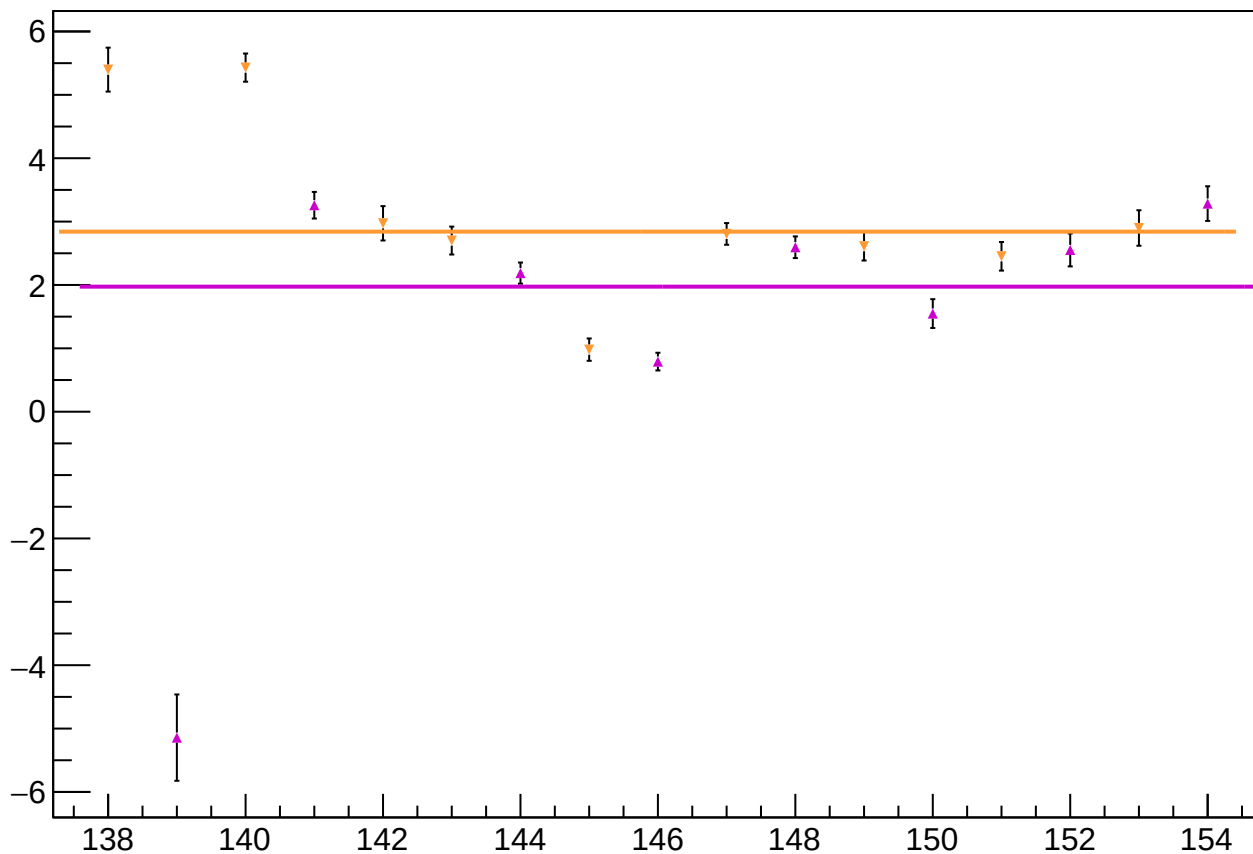
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.366+/-0.106 χ^2/NDF :867.1/7

Out: -7.282+/-0.108 χ^2/NDF :1699.3/8

All: -6.308+/-0.076 χ^2/NDF : 2726.2/16

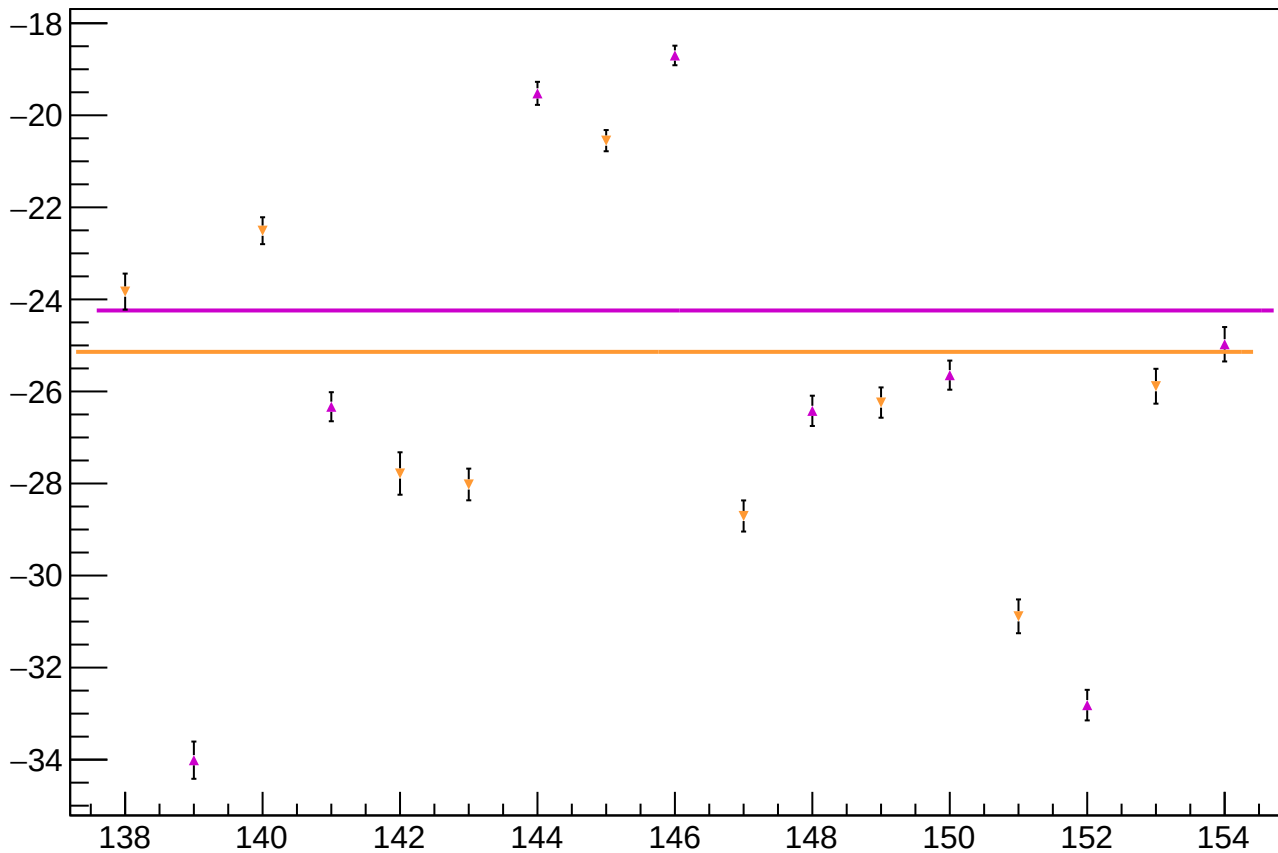
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.841+/-0.074 χ^2/NDF :306.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.973+/-0.072 χ^2/NDF :264.7/7

Left: 2.393+/-0.052 χ^2/NDF : 641.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.973+/-0.072 χ^2/NDF :264.7/7
 Out: 2.841+/-0.074 χ^2/NDF :306.2/8
 All: 2.393+/-0.052 χ^2/NDF : 641.5/16

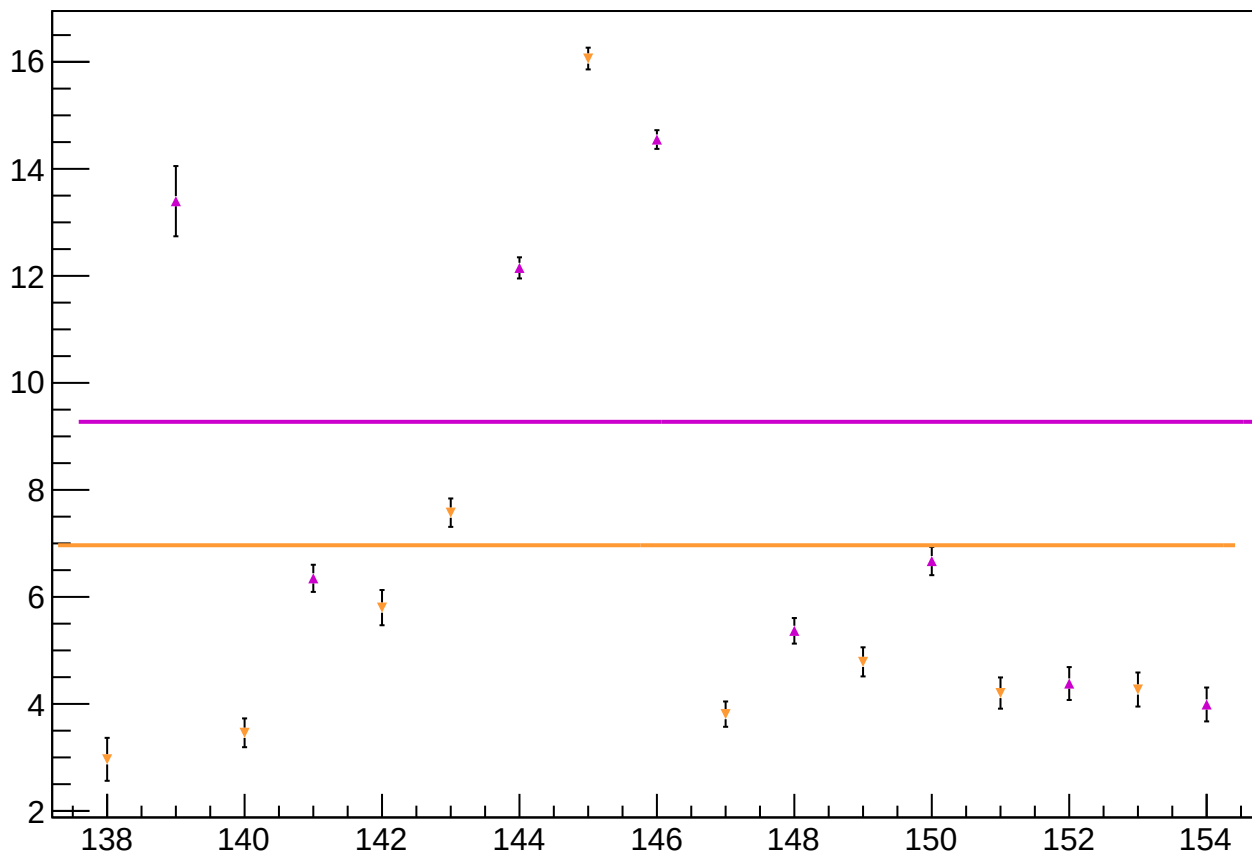
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.140+/-0.110 χ^2/NDF :962.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.241+/-0.106 χ^2/NDF :2395.8/7

Left: -24.672+/-0.076 χ^2/NDF : 3393.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.241+/-0.106 χ^2/NDF :2395.8/7
 Out: -25.140+/-0.110 χ^2/NDF :962.6/8
 All: -24.672+/-0.076 χ^2/NDF : 3393.1/16

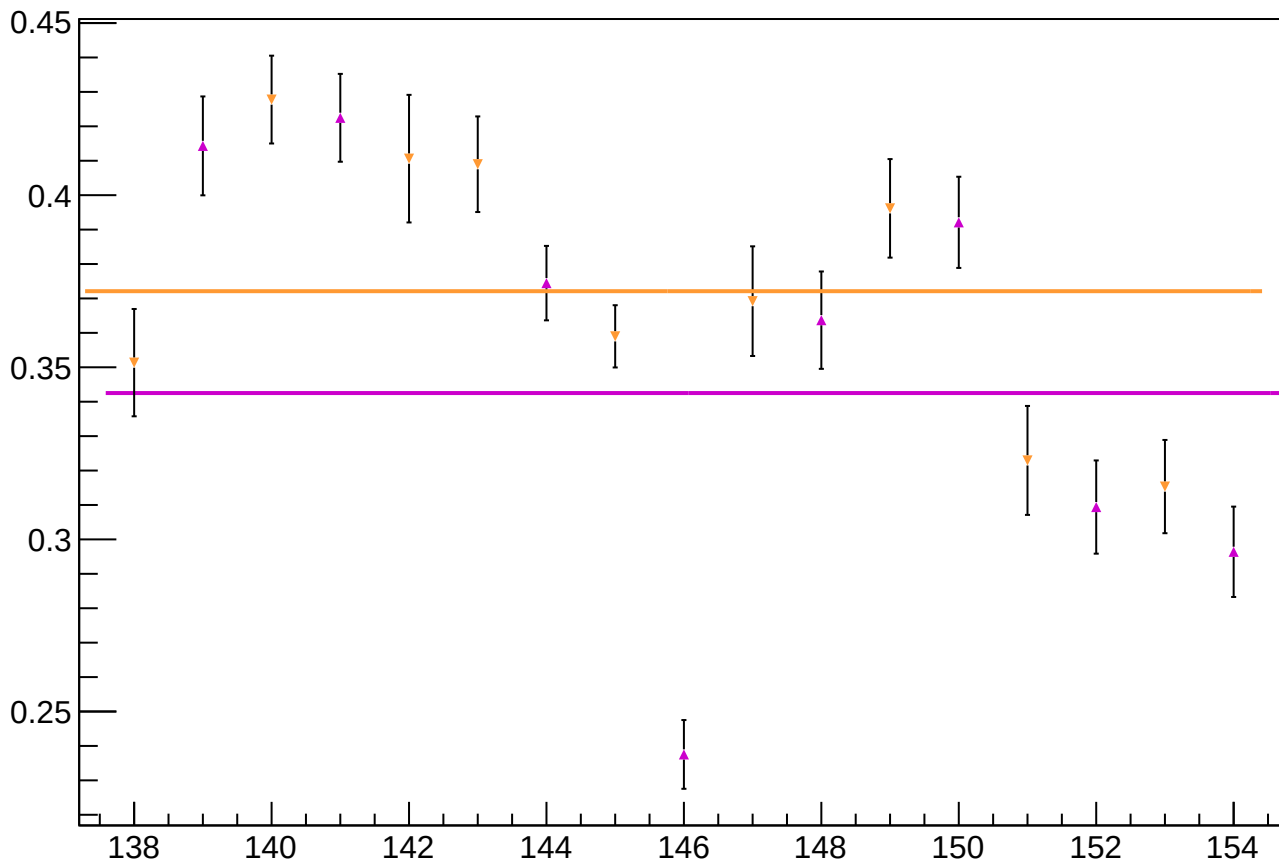
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.966+/-0.091 χ^2/NDF :2694.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.272+/-0.088 χ^2/NDF :2190.4/7

Left: 8.156+/-0.063 χ^2/NDF : 5215.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.272+/-0.088 χ^2/NDF :2190.4/7
 Out: 6.966+/-0.091 χ^2/NDF :2694.3/8
 All: 8.156+/-0.063 χ^2/NDF : 5215.9/16

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.343 $\pm$ 0.004 χ^2 /NDF:218.0/7

Left: 0.357 $\pm$ 0.003 χ^2 /NDF: 304.3/16

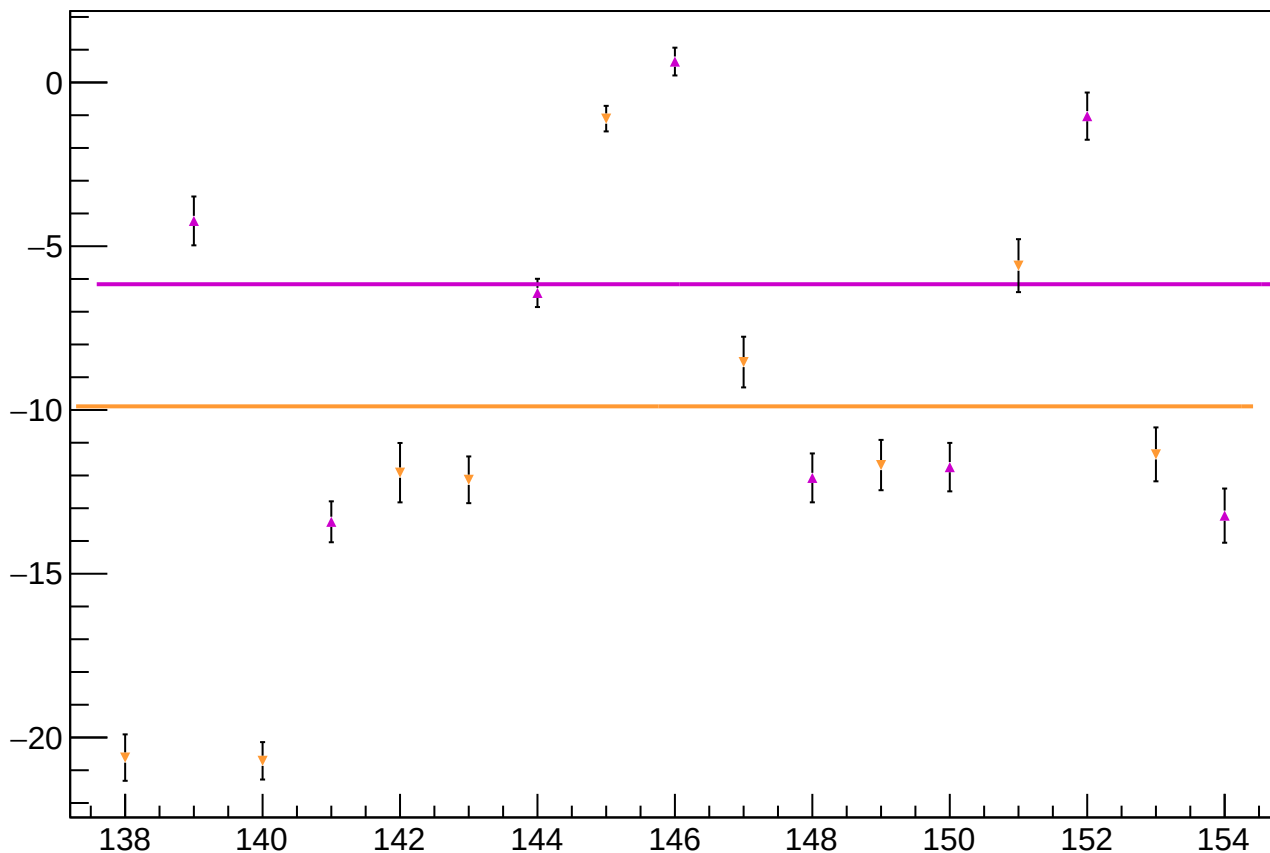
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.343 $\pm$ 0.004 χ^2 /NDF:218.0/7

Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

All: 0.357 $\pm$ 0.003 χ^2 /NDF: 304.3/16

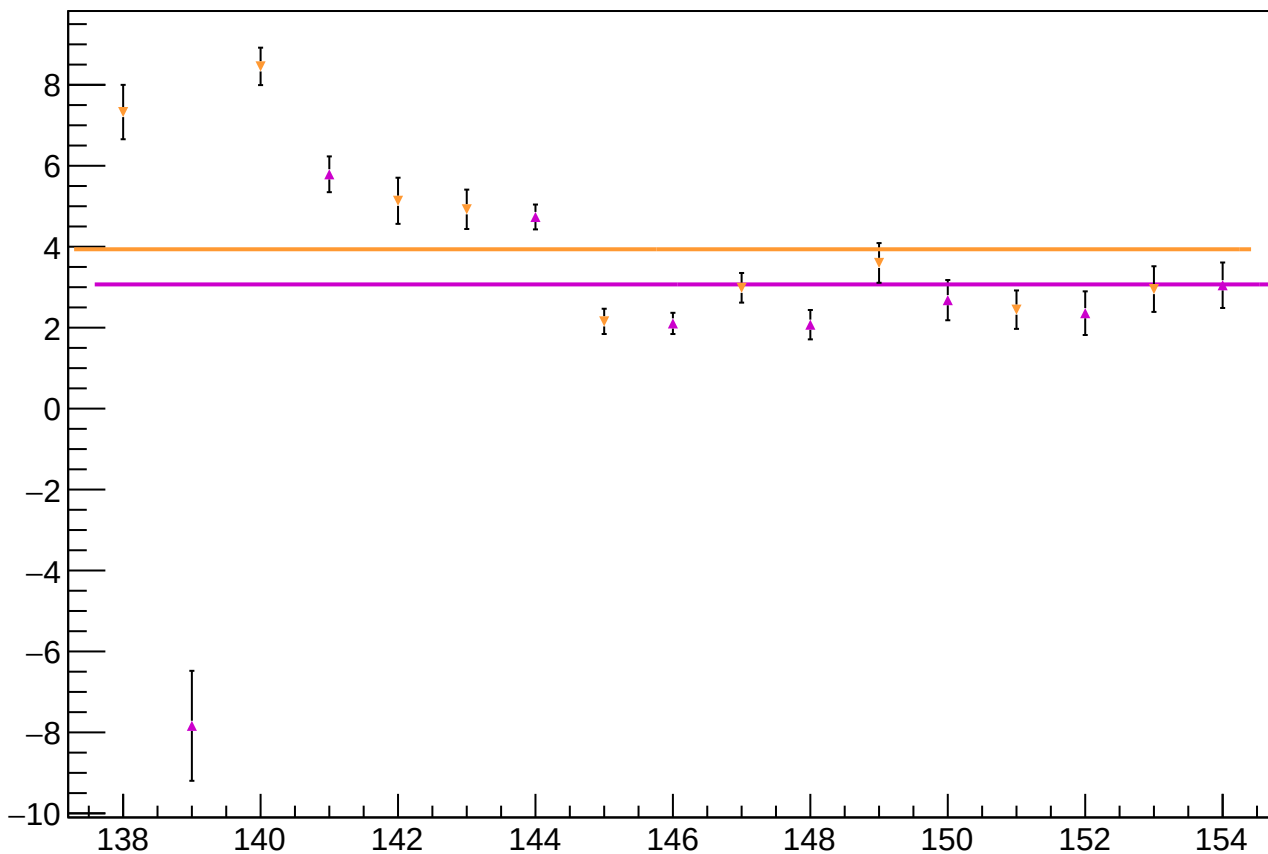
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.889 ± 0.217 χ^2/NDF : 1149.8/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -6.161 ± 0.212 χ^2/NDF : 642.0/7

Left: -7.977 ± 0.152 χ^2/NDF : 1942.8/16
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -6.161 ± 0.212 χ^2/NDF : 642.0/7
 Out: -9.889 ± 0.217 χ^2/NDF : 1149.8/8
 All: -7.977 ± 0.152 χ^2/NDF : 1942.8/16

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.937+/-0.151 χ^2/NDF :182.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.069+/-0.143 χ^2/NDF :155.2/7

Left: 3.477+/-0.104 χ^2/NDF : 354.8/16

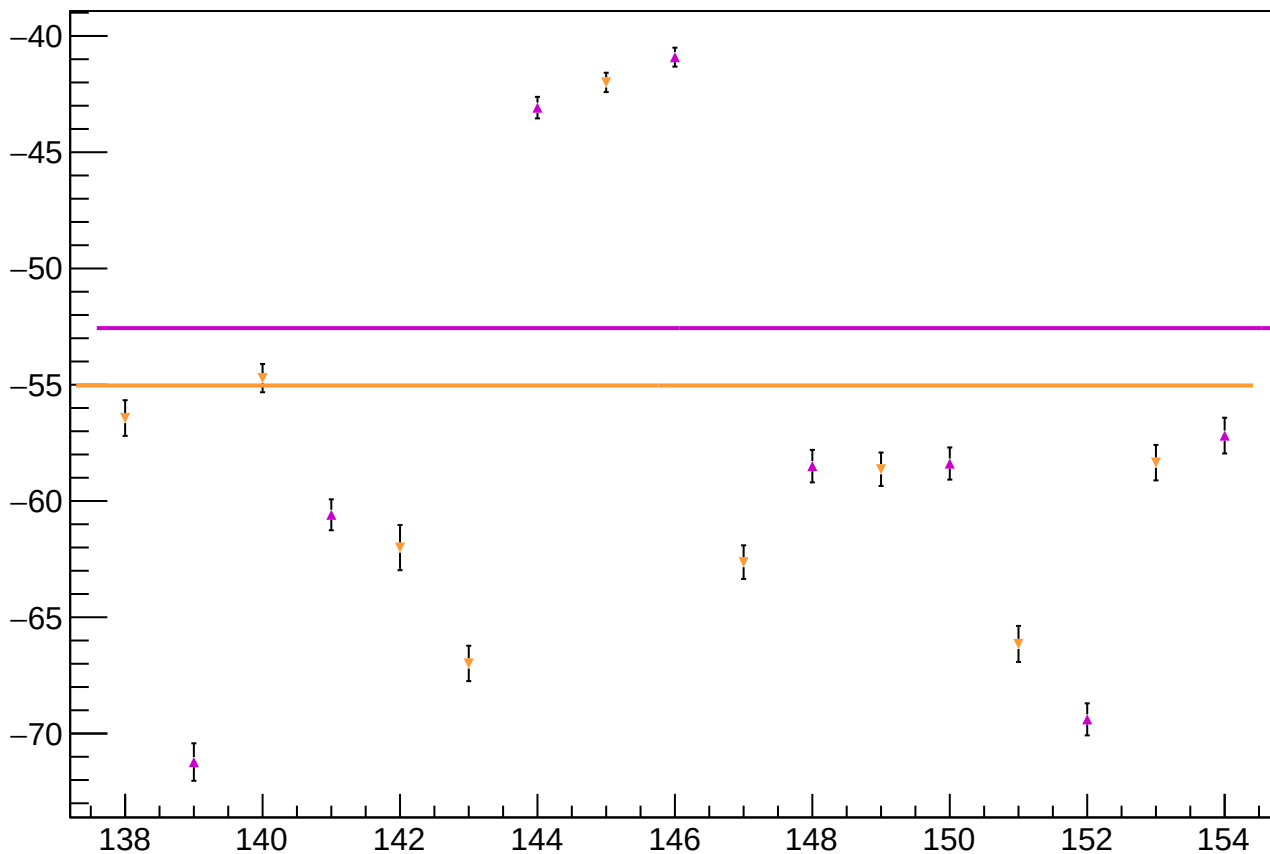
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.069+/-0.143 χ^2/NDF :155.2/7

Out: 3.937+/-0.151 χ^2/NDF :182.3/8

All: 3.477+/-0.104 χ^2/NDF : 354.8/16

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.031+/-0.222 χ^2/NDF :1644.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.564+/-0.211 χ^2/NDF :2693.4/7

Left: -53.734+/-0.153 χ^2/NDF : 4403.0/16

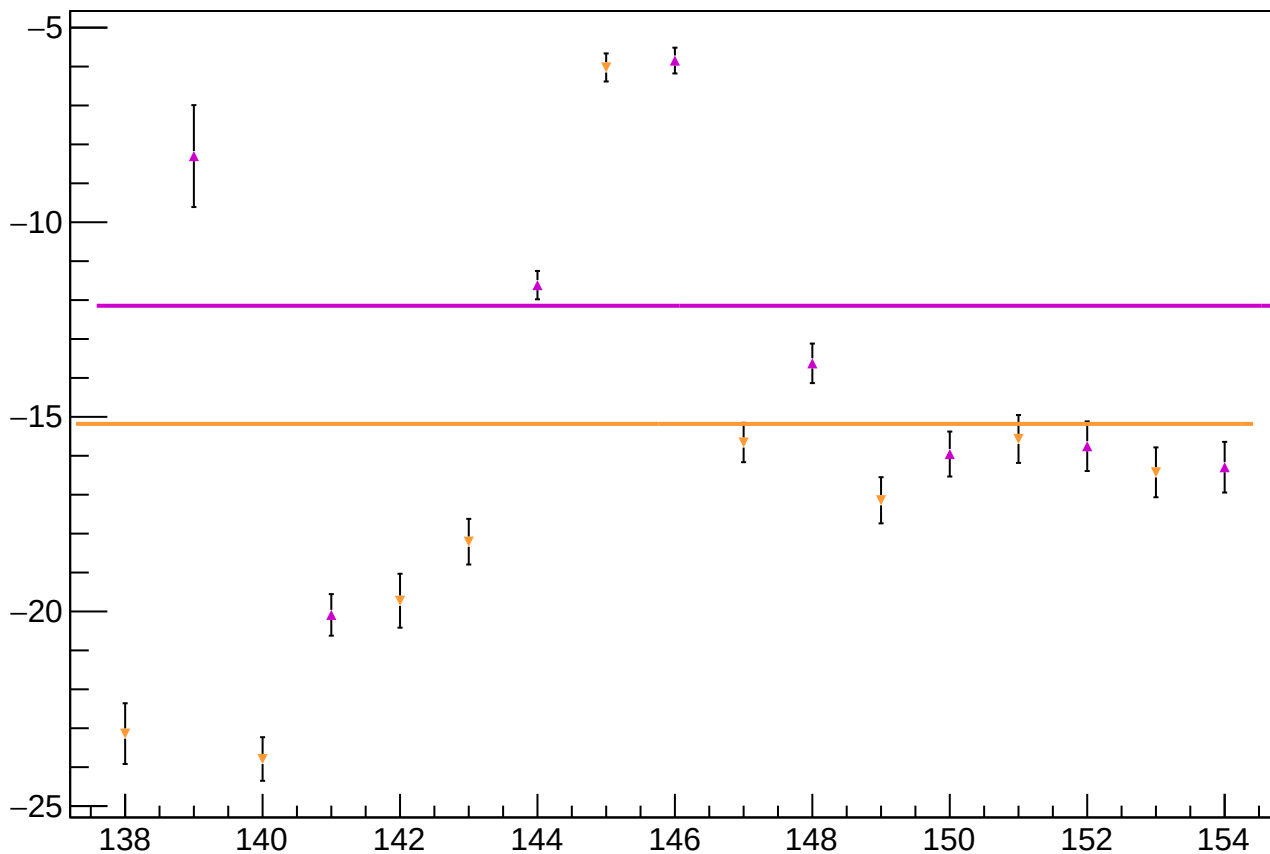
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.564+/-0.211 χ^2/NDF :2693.4/7

Out: -55.031+/-0.222 χ^2/NDF :1644.9/8

All: -53.734+/-0.153 χ^2/NDF : 4403.0/16

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.180+/-0.185 χ^2/NDF :1070.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.146+/-0.176 χ^2/NDF :718.5/7

Left: -13.587+/-0.127 χ^2/NDF : 1930.6/16

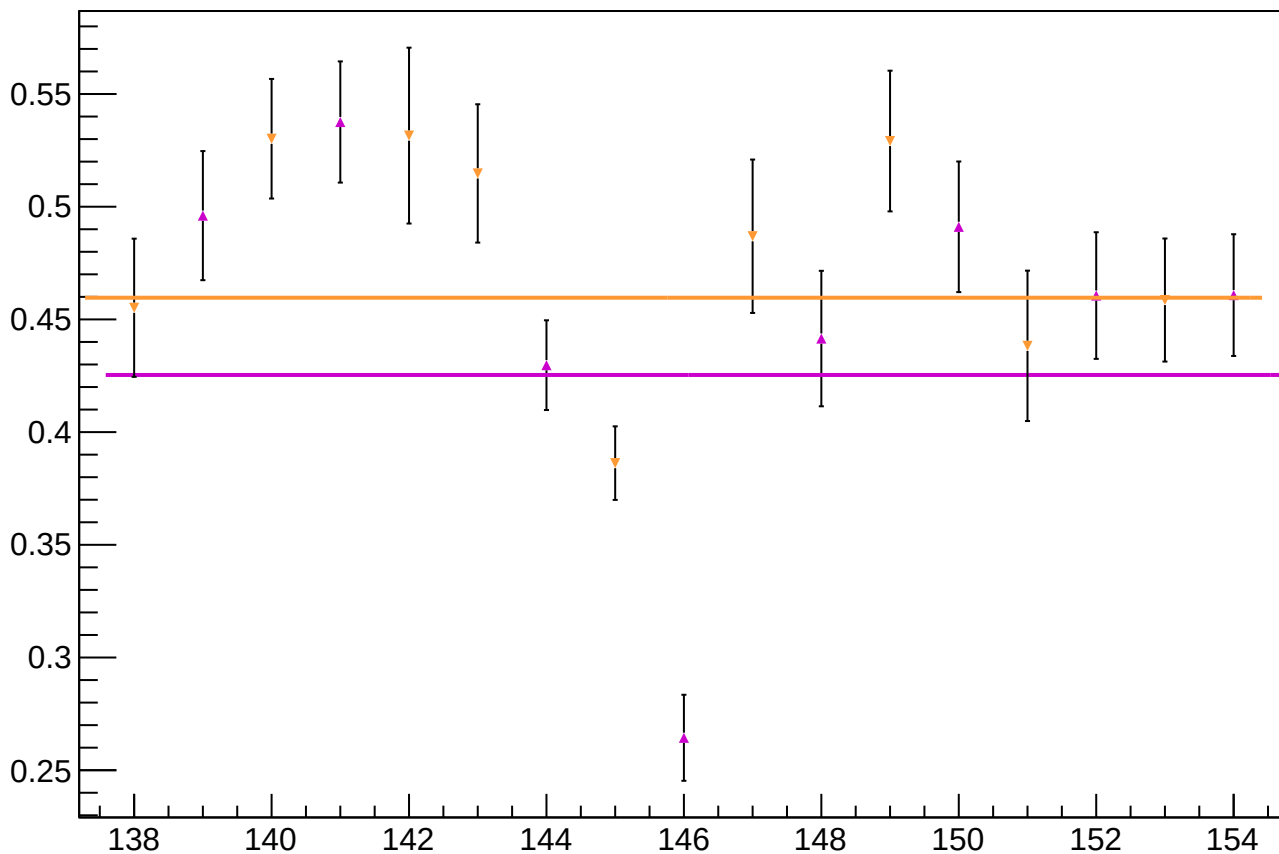
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.146+/-0.176 χ^2/NDF :718.5/7

Out: -15.180+/-0.185 χ^2/NDF :1070.2/8

All: -13.587+/-0.127 χ^2/NDF : 1930.6/16

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.460+/-0.009 χ^2/NDF :40.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.425+/-0.009 χ^2/NDF :103.4/7

Left: 0.442+/-0.006 χ^2/NDF : 150.7/16

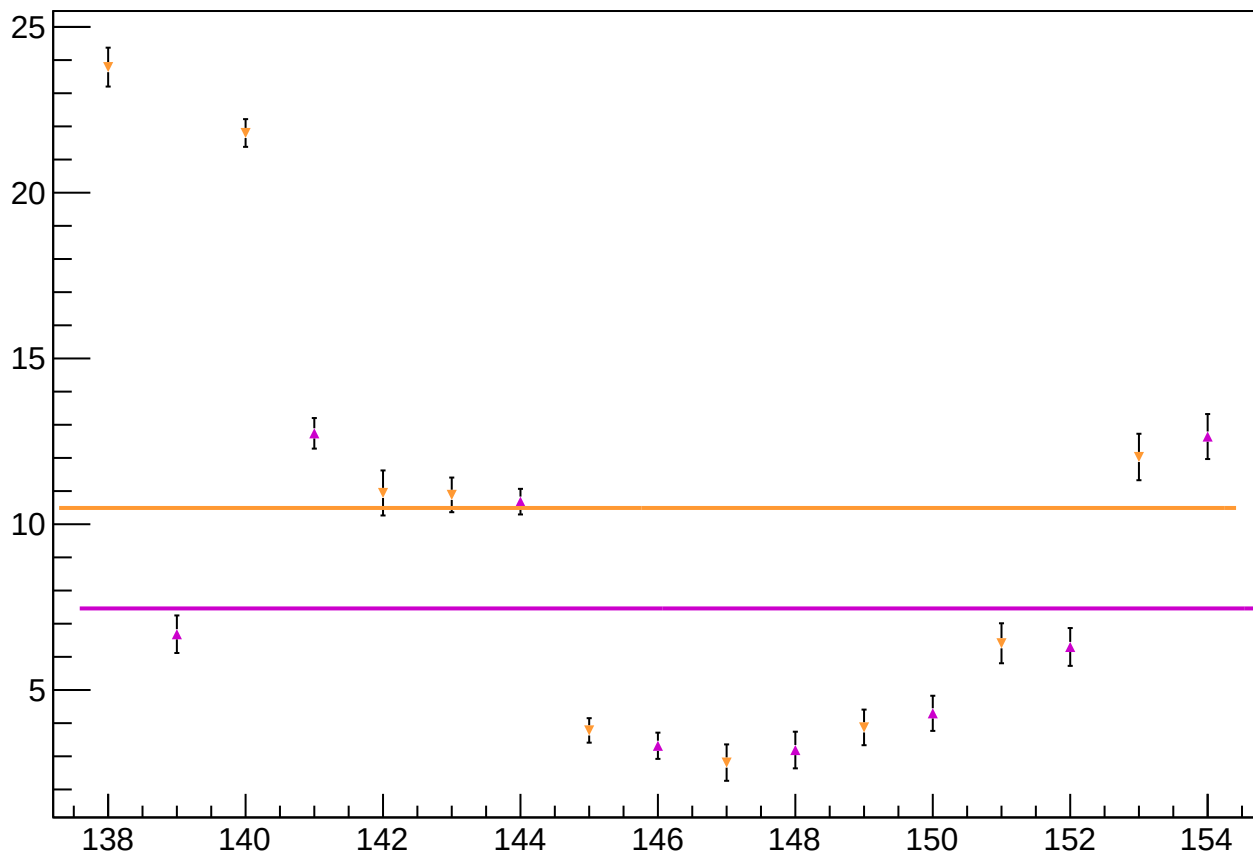
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.425+/-0.009 χ^2/NDF :103.4/7

Out: 0.460+/-0.009 χ^2/NDF :40.0/8

All: 0.442+/-0.006 χ^2/NDF : 150.7/16

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.491+/-0.173 χ^2/NDF :1973.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.460+/-0.174 χ^2/NDF :470.1/7

Left: 8.984+/-0.123 χ^2/NDF : 2596.4/16

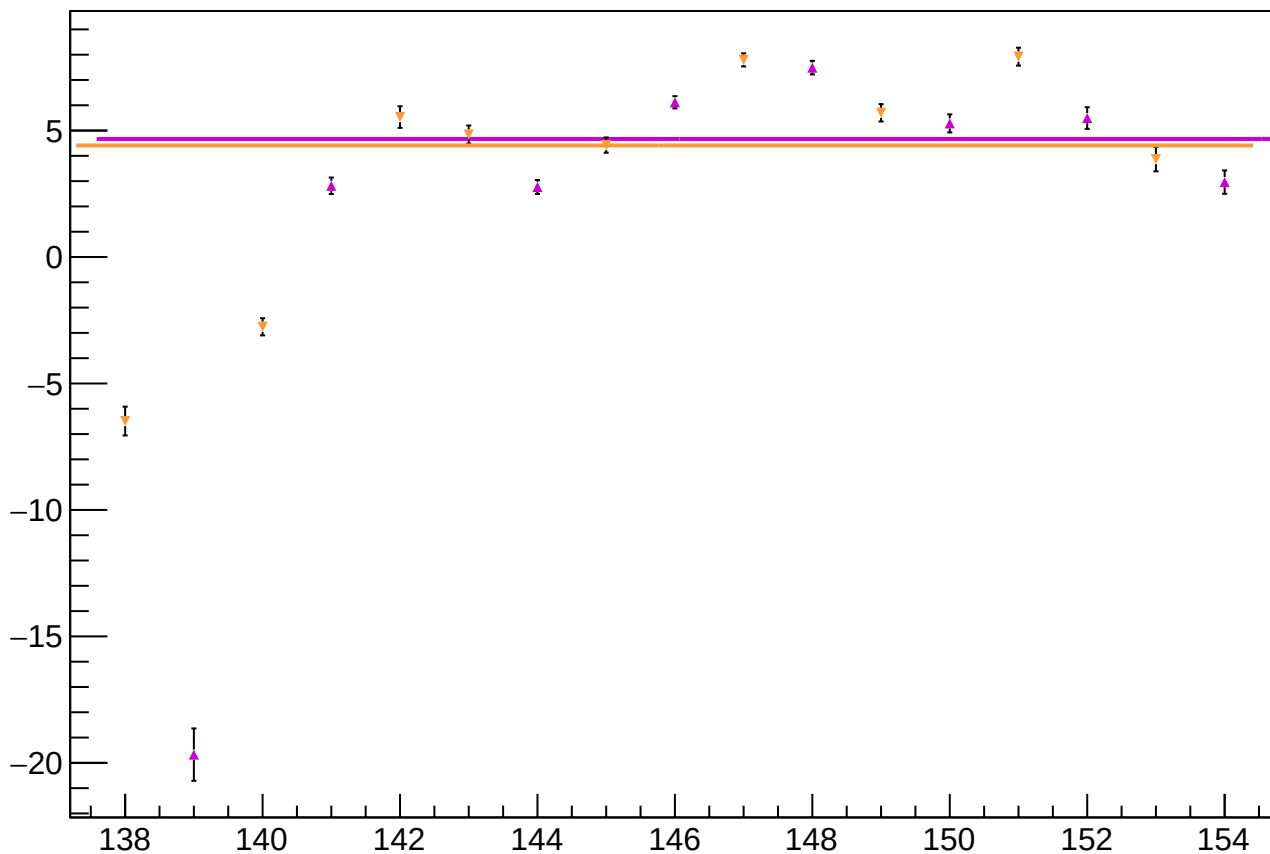
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.460+/-0.174 χ^2/NDF :470.1/7

Out: 10.491+/-0.173 χ^2/NDF :1973.9/8

All: 8.984+/-0.123 χ^2/NDF : 2596.4/16

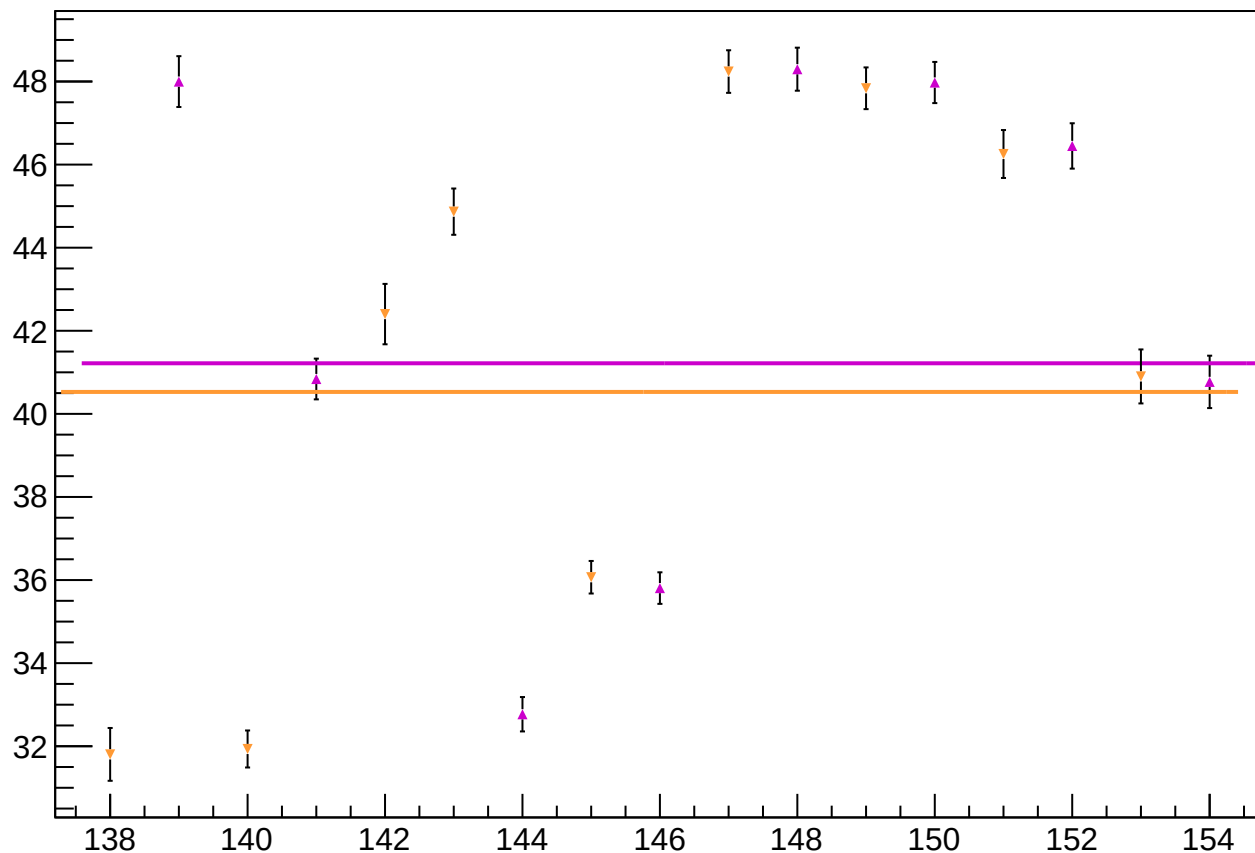
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.412+/-0.118 χ^2/NDF :1102.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.668+/-0.117 χ^2/NDF :798.3/7

Left: 4.541+/-0.083 χ^2/NDF : 1903.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.668+/-0.117 χ^2/NDF :798.3/7
 Out: 4.412+/-0.118 χ^2/NDF :1102.3/8
 All: 4.541+/-0.083 χ^2/NDF : 1903.0/16

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.528+/-0.176 χ^2/NDF :1294.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.218+/-0.173 χ^2/NDF :1208.3/7

Left: 40.878+/-0.124 χ^2/NDF : 2510.6/16

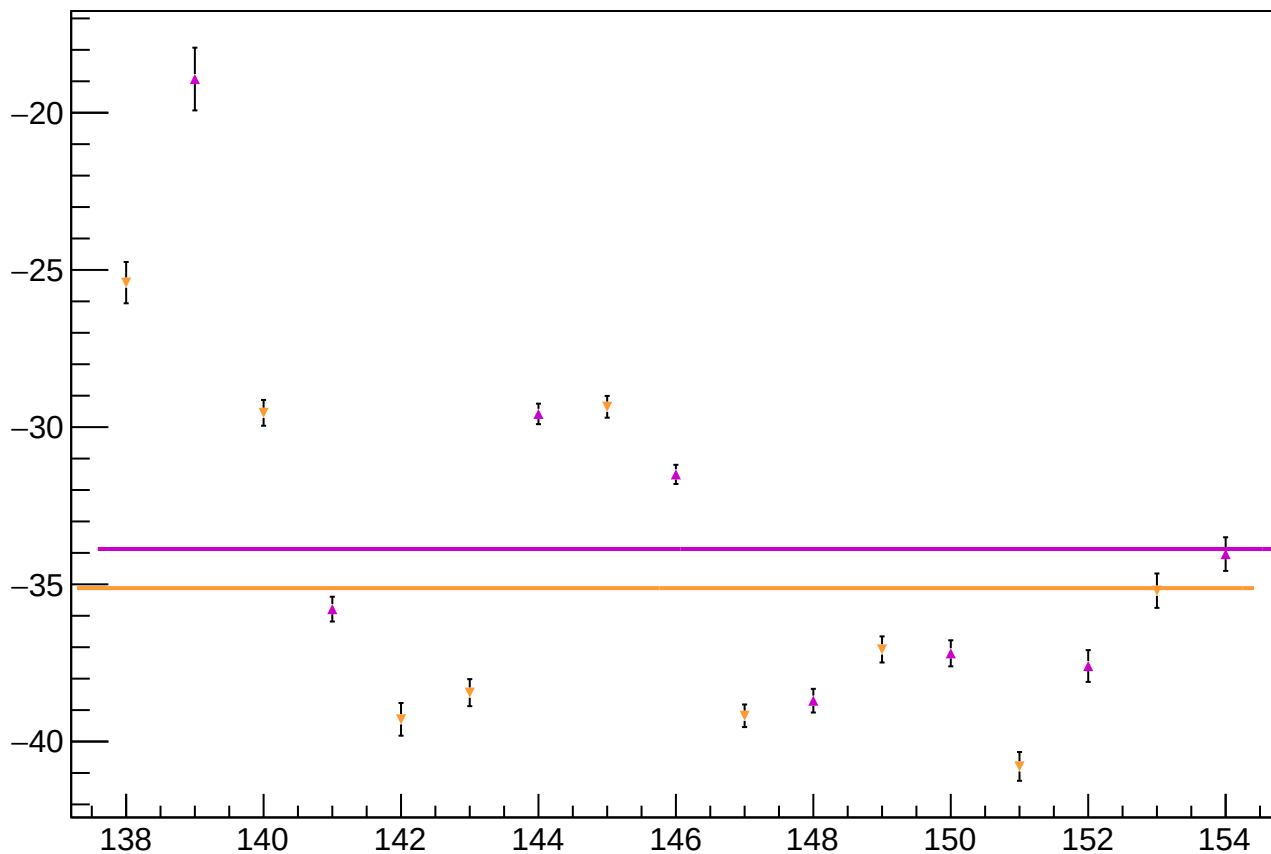
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.218+/-0.173 χ^2/NDF :1208.3/7

Out: 40.528+/-0.176 χ^2/NDF :1294.4/8

All: 40.878+/-0.124 χ^2/NDF : 2510.6/16

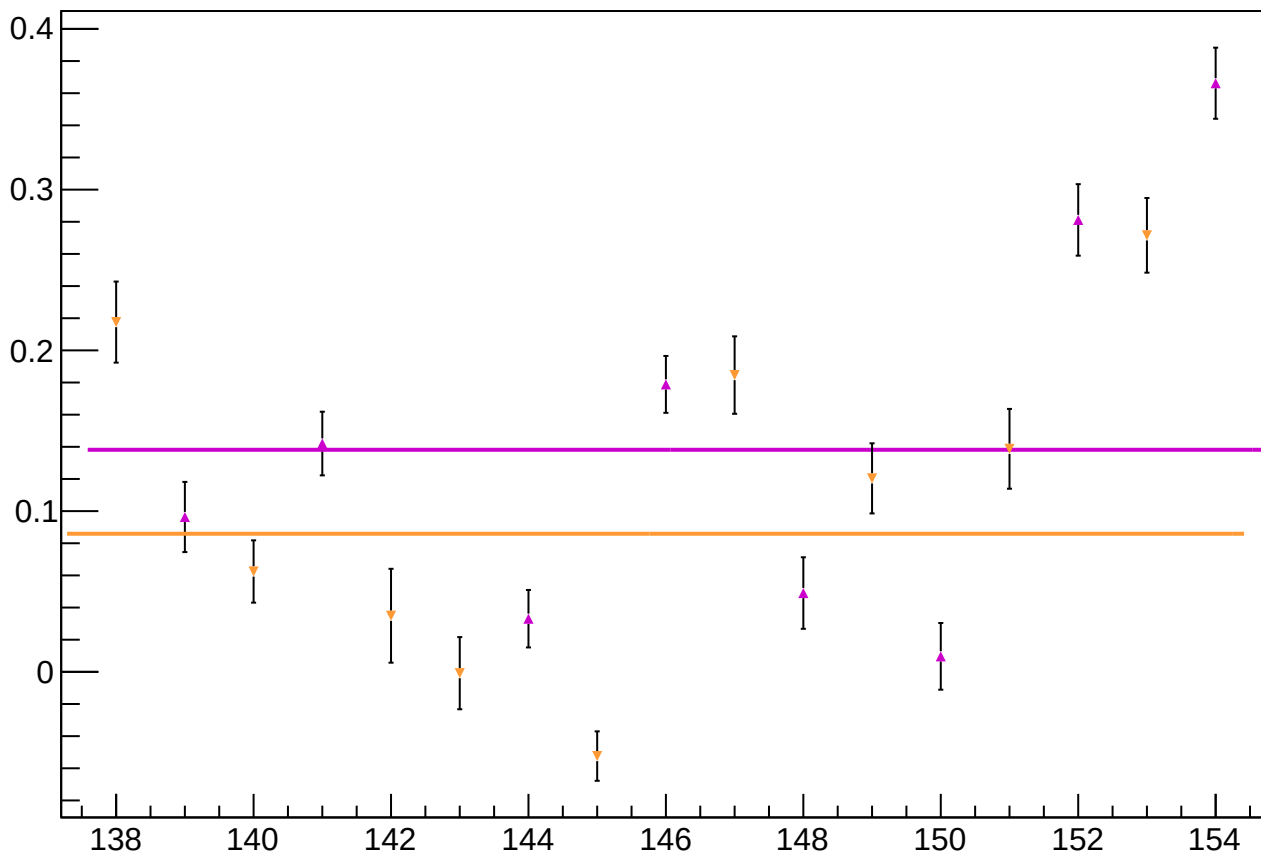
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.120+/-0.145 χ^2/NDF :1108.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.876+/-0.145 χ^2/NDF :764.5/7

Left: -34.495+/-0.102 χ^2/NDF : 1909.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.876+/-0.145 χ^2/NDF :764.5/7
 Out: -35.120+/-0.145 χ^2/NDF :1108.1/8
 All: -34.495+/-0.102 χ^2/NDF : 1909.4/16

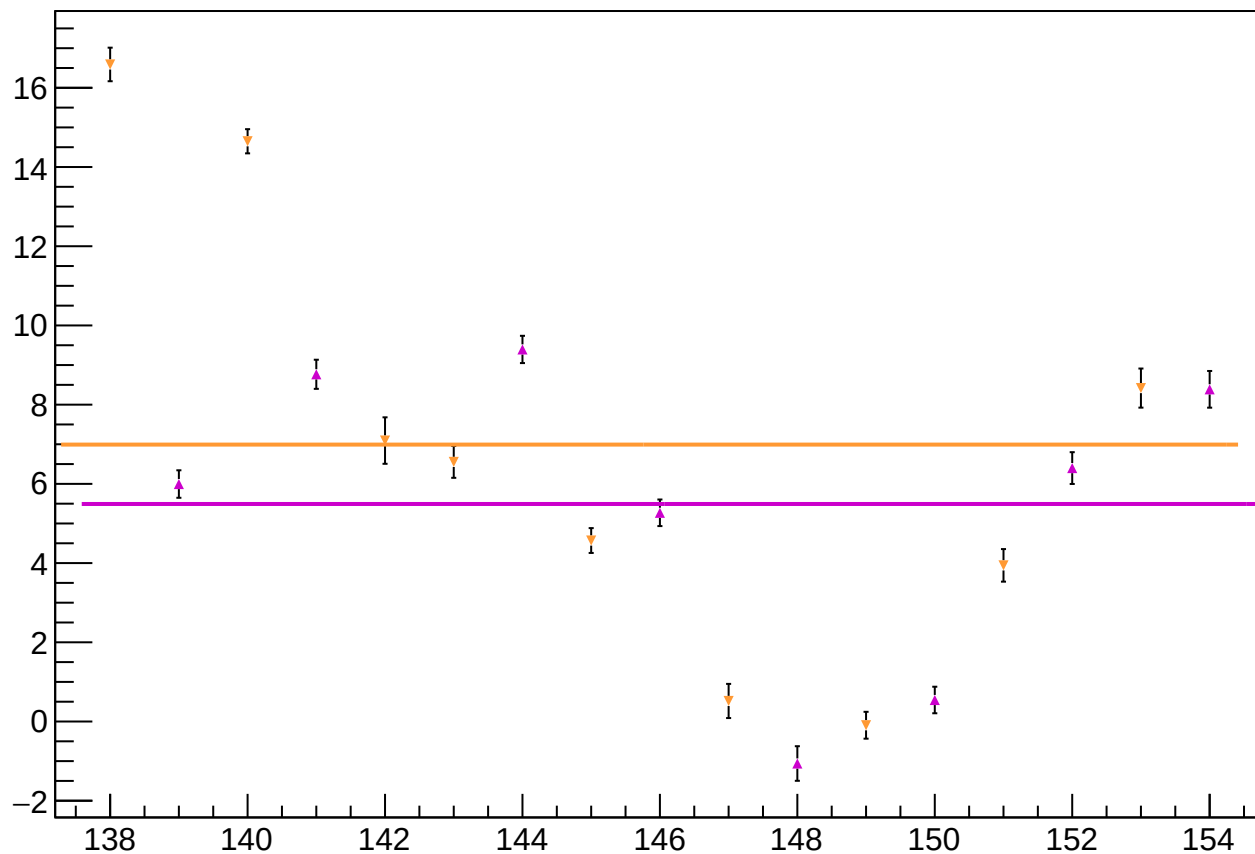
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.138 $\pm$ 0.007 χ^2 /NDF:245.6/7

Left: 0.112 $\pm$ 0.005 χ^2 /NDF: 487.0/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.138 $\pm$ 0.007 χ^2 /NDF:245.6/7
 Out: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 All: 0.112 $\pm$ 0.005 χ^2 /NDF: 487.0/16

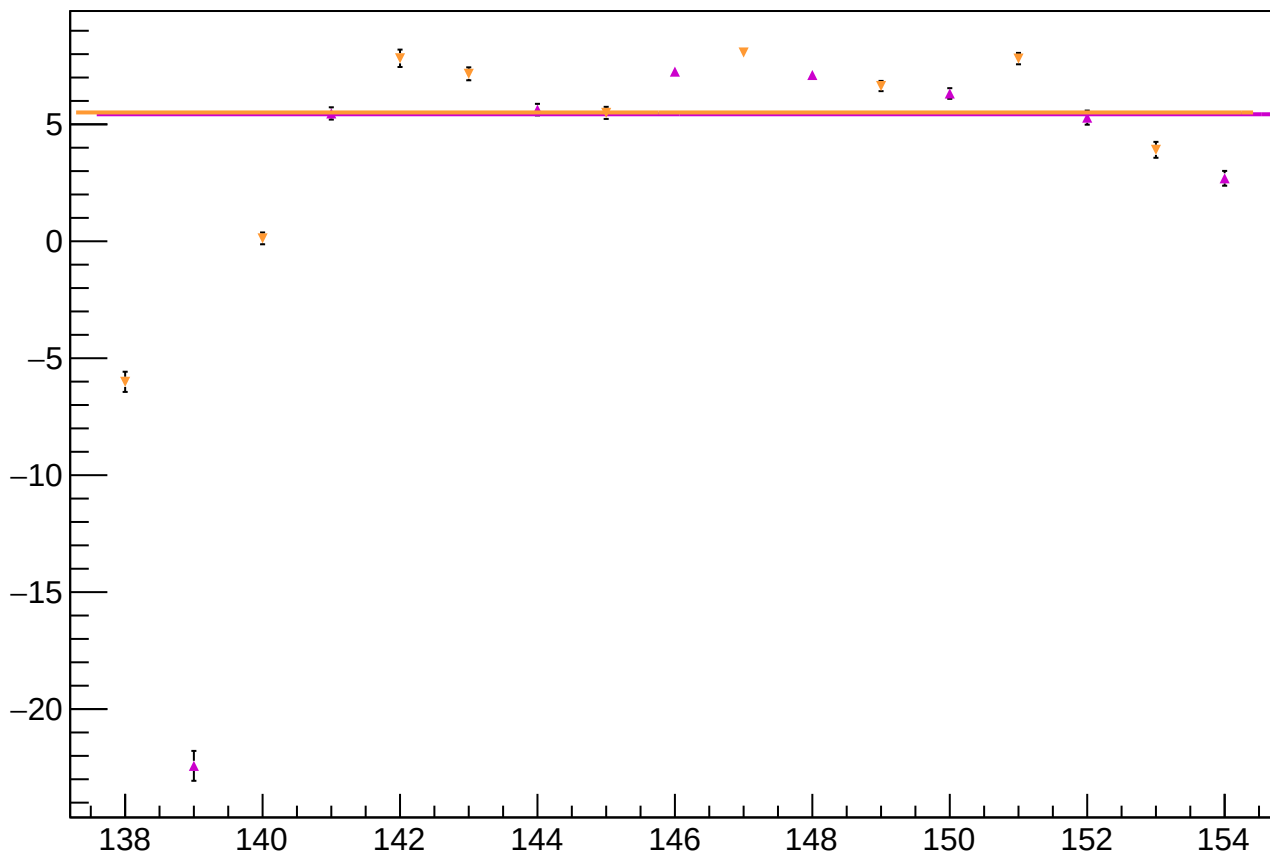
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.492+/-0.131 χ^2/NDF :697.7/7

Left: 6.252+/-0.092 χ^2/NDF : 2692.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.492+/-0.131 χ^2/NDF :697.7/7
 Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 All: 6.252+/-0.092 χ^2/NDF : 2692.6/16

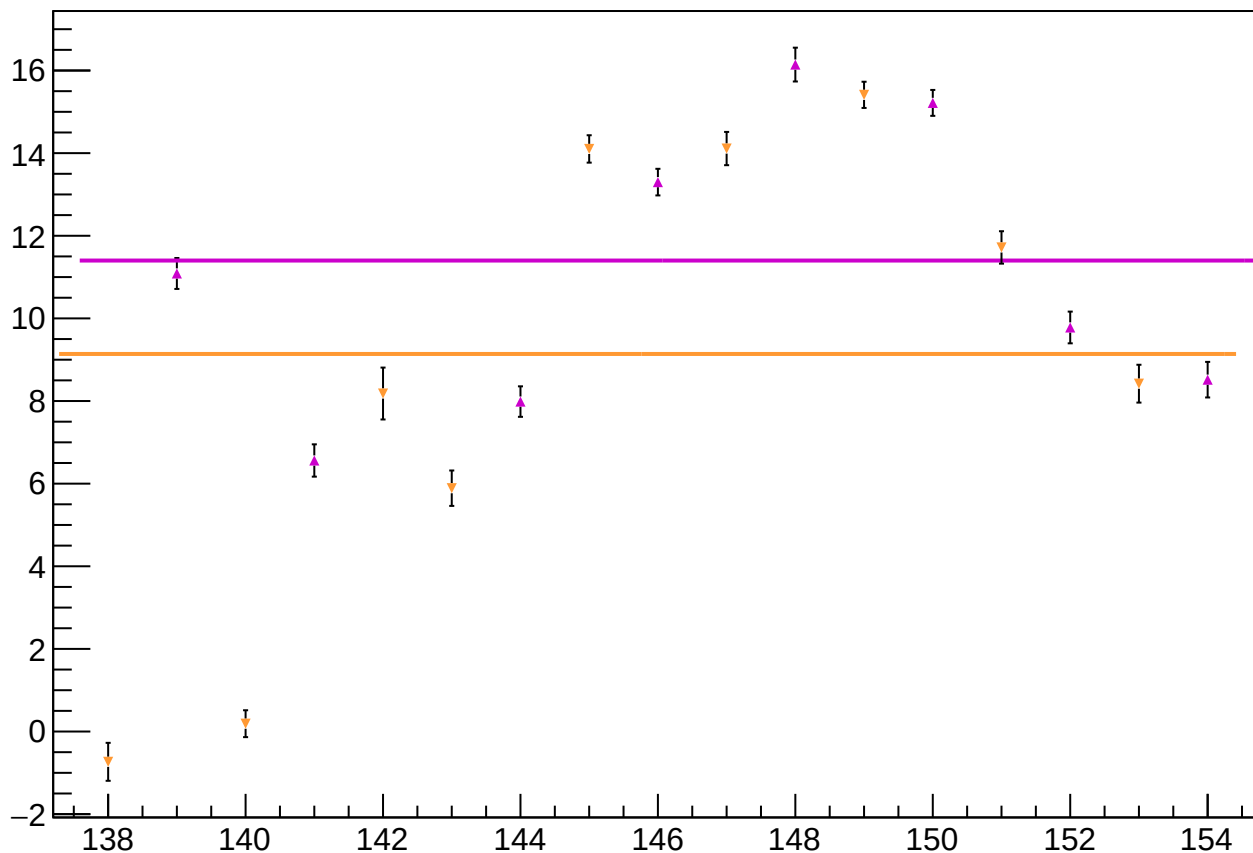
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.508 $\pm$ 0.089 χ^2 /NDF:1531.1/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.430 $\pm$ 0.092 χ^2 /NDF:2125.2/7

Left: 5.470 $\pm$ 0.064 χ^2 /NDF: 3656.7/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.430 $\pm$ 0.092 χ^2 /NDF:2125.2/7
 Out: 5.508 $\pm$ 0.089 χ^2 /NDF:1531.1/8
 All: 5.470 $\pm$ 0.064 χ^2 /NDF: 3656.7/16

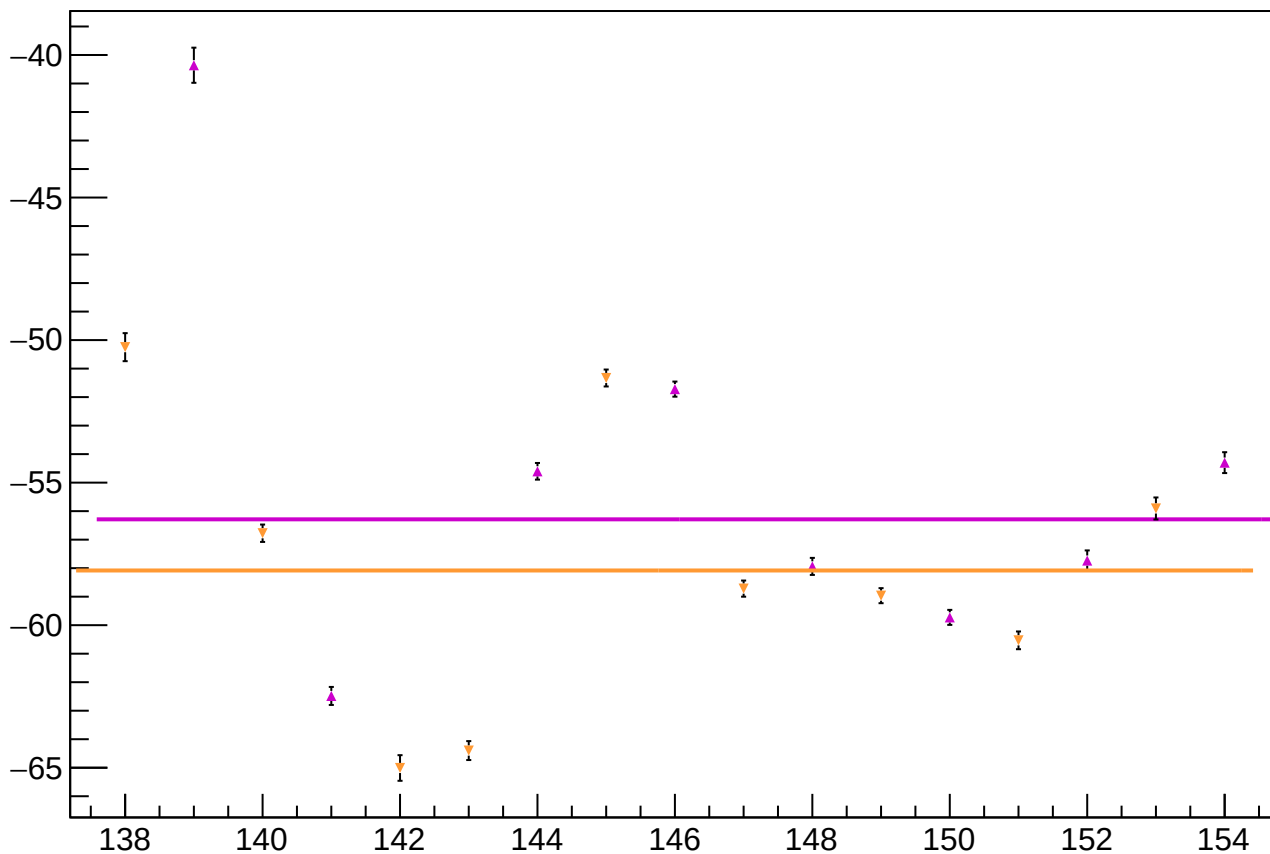
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.139+/-0.131 χ^2/NDF :2091.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.400+/-0.130 χ^2/NDF :619.2/7

Left: 10.273+/-0.092 χ^2/NDF : 2861.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.400+/-0.130 χ^2/NDF :619.2/7
 Out: 9.139+/-0.131 χ^2/NDF :2091.7/8
 All: 10.273+/-0.092 χ^2/NDF : 2861.3/16

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



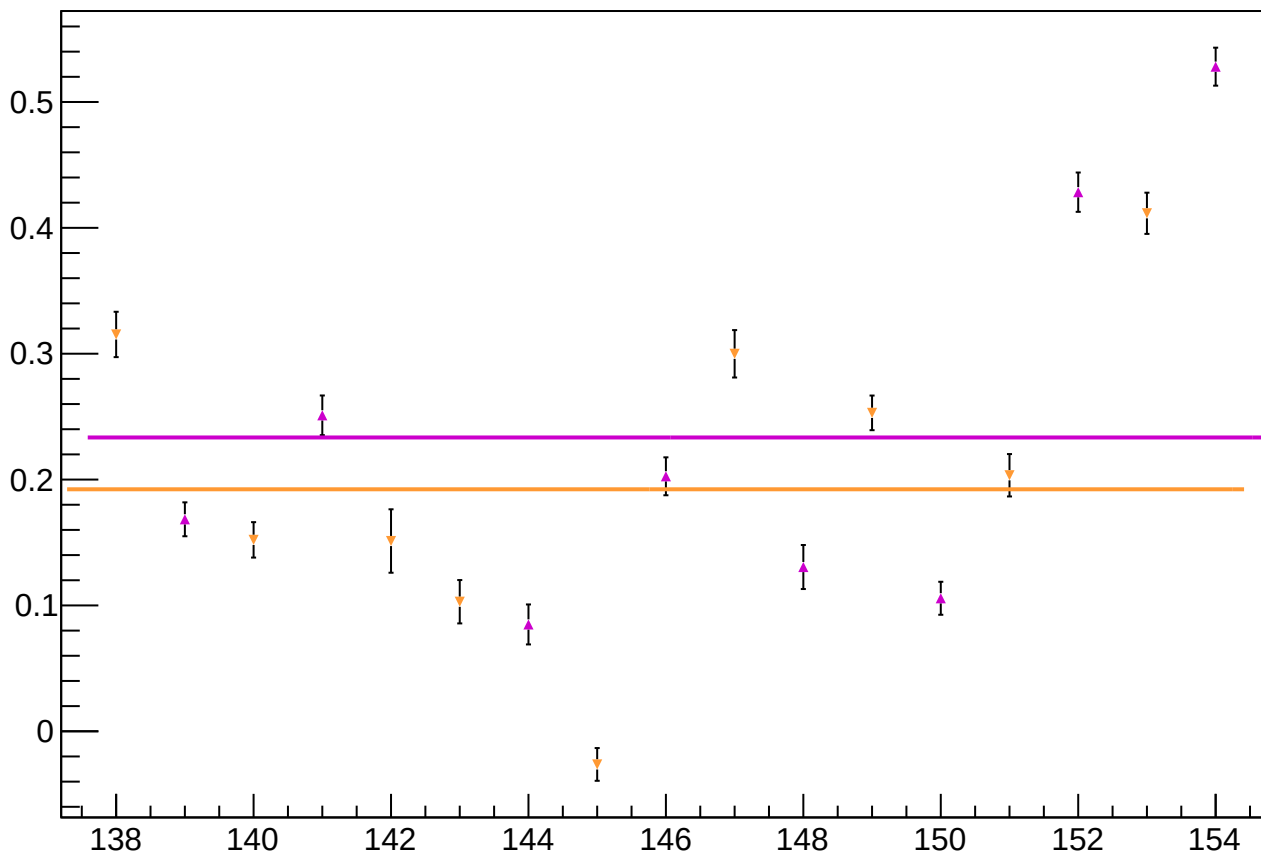
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.081+/-0.109 χ^2/NDF :1498.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.287+/-0.112 χ^2/NDF :1630.1/7

Left: -57.209+/-0.078 χ^2/NDF : 3259.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.287+/-0.112 χ^2/NDF :1630.1/7
 Out: -58.081+/-0.109 χ^2/NDF :1498.0/8

All: -57.209+/-0.078 χ^2/NDF : 3259.8/16

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.233 $\pm$ 0.005 χ^2 /NDF:782.7/7

Left: 0.213 $\pm$ 0.004 χ^2 /NDF: 1410.7/16

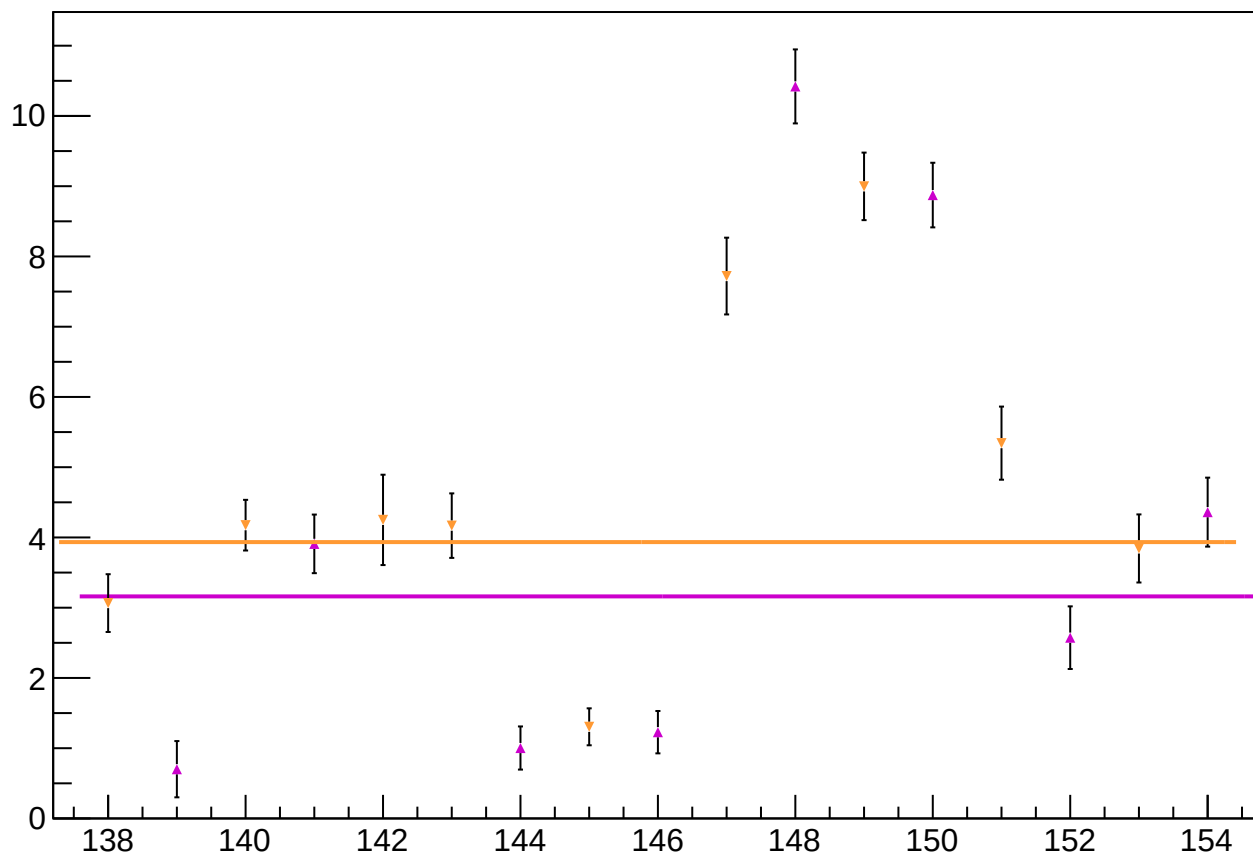
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.233 $\pm$ 0.005 χ^2 /NDF:782.7/7

Out: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8

All: 0.213 $\pm$ 0.004 χ^2 /NDF: 1410.7/16

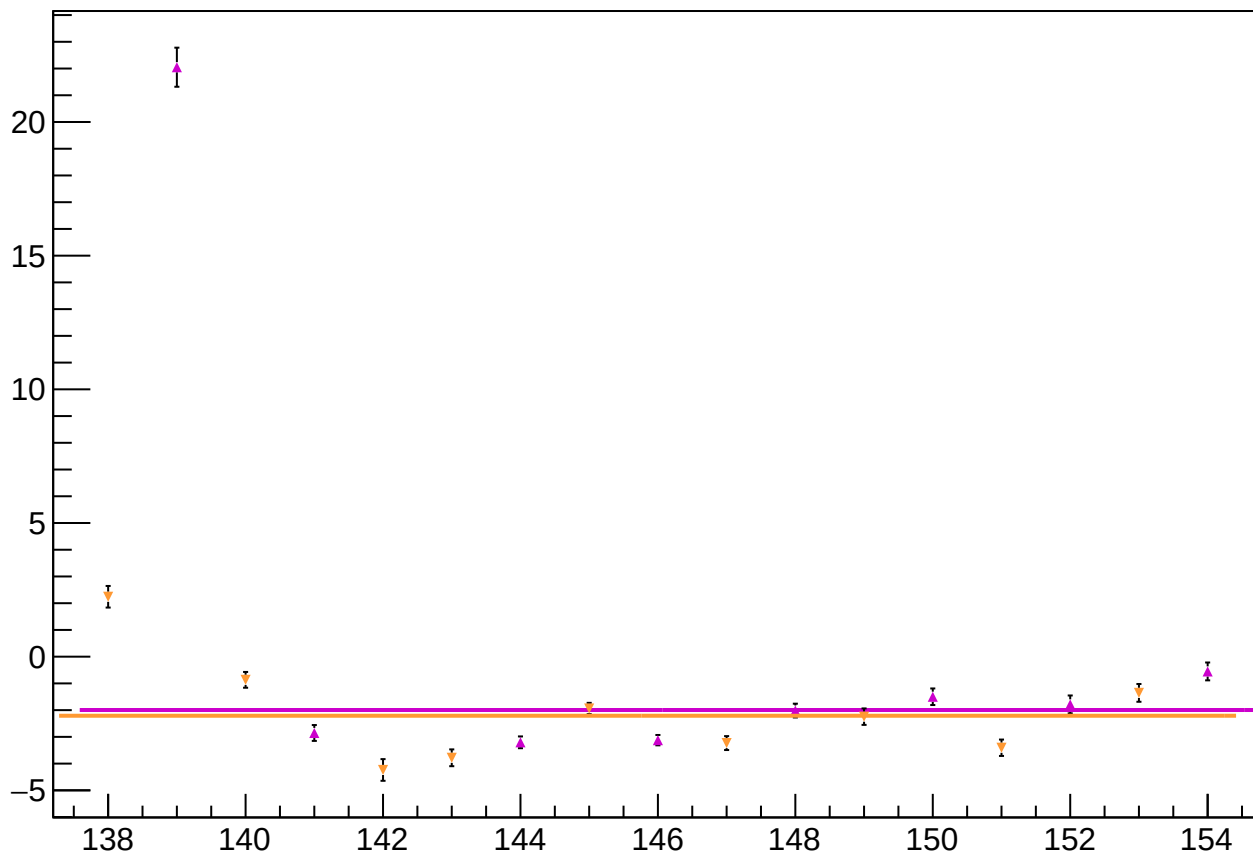
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.161 $\pm$ 0.140 χ^2 /NDF:483.4/7

Left: 3.547 $\pm$ 0.099 χ^2 /NDF: 770.4/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.161 $\pm$ 0.140 χ^2 /NDF:483.4/7
 Out: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 All: 3.547 $\pm$ 0.099 χ^2 /NDF: 770.4/16

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.210+/-0.099 χ^2/NDF :230.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.995+/-0.098 χ^2/NDF :1175.7/7

Left: -2.101+/-0.070 χ^2/NDF : 1409.0/16

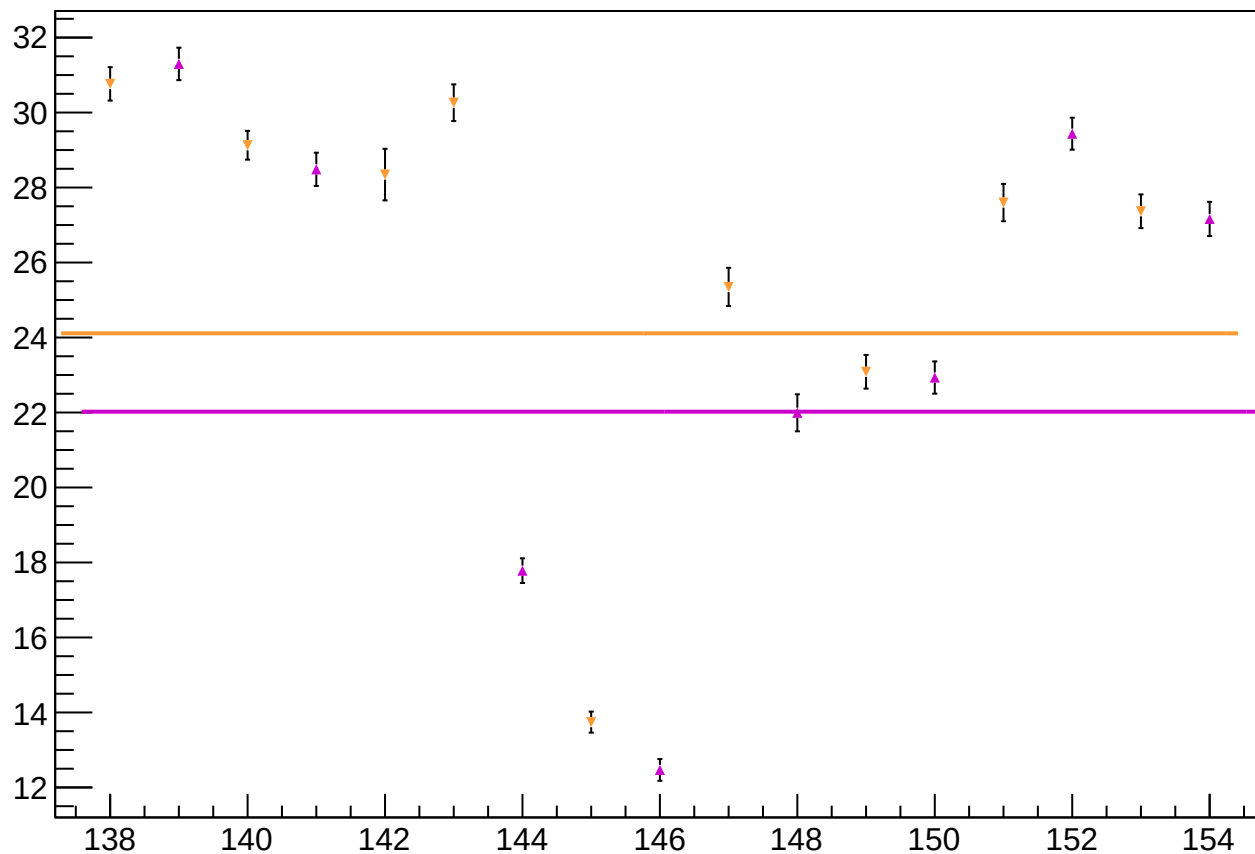
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.995+/-0.098 χ^2/NDF :1175.7/7

Out: -2.210+/-0.099 χ^2/NDF :230.9/8

All: -2.101+/-0.070 χ^2/NDF : 1409.0/16

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: 24.112 $\pm$ 0.143 χ^2 /NDF:2069.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 22.022 $\pm$ 0.140 χ^2 /NDF:2356.4/7

Left: 23.038 $\pm$ 0.100 χ^2 /NDF: 4535.3/16

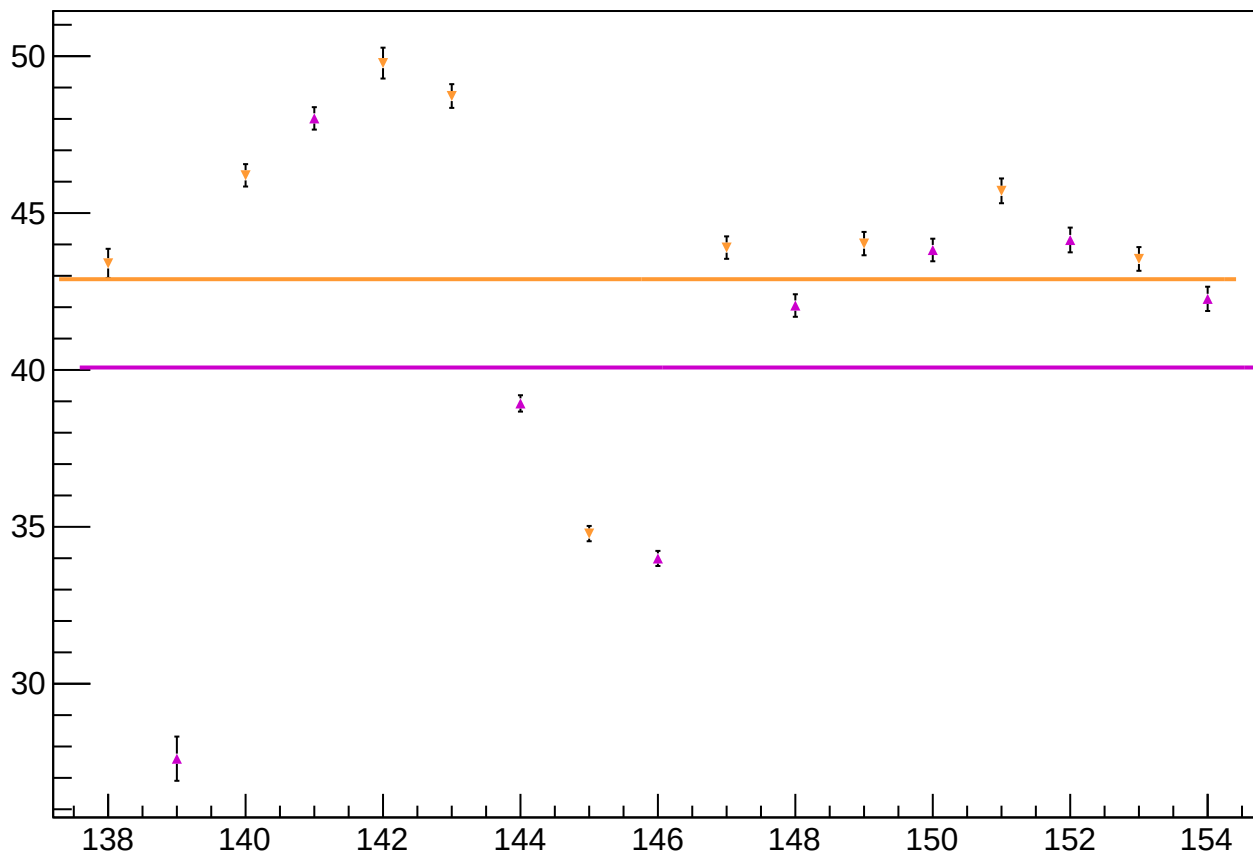
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 22.022 $\pm$ 0.140 χ^2 /NDF:2356.4/7

Out: 24.112 $\pm$ 0.143 χ^2 /NDF:2069.8/8

All: 23.038 $\pm$ 0.100 χ^2 /NDF: 4535.3/16

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.892+/-0.121 χ^2/NDF :1696.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.078+/-0.119 χ^2/NDF :1742.1/7

Left: 41.469+/-0.085 χ^2/NDF : 3714.5/16

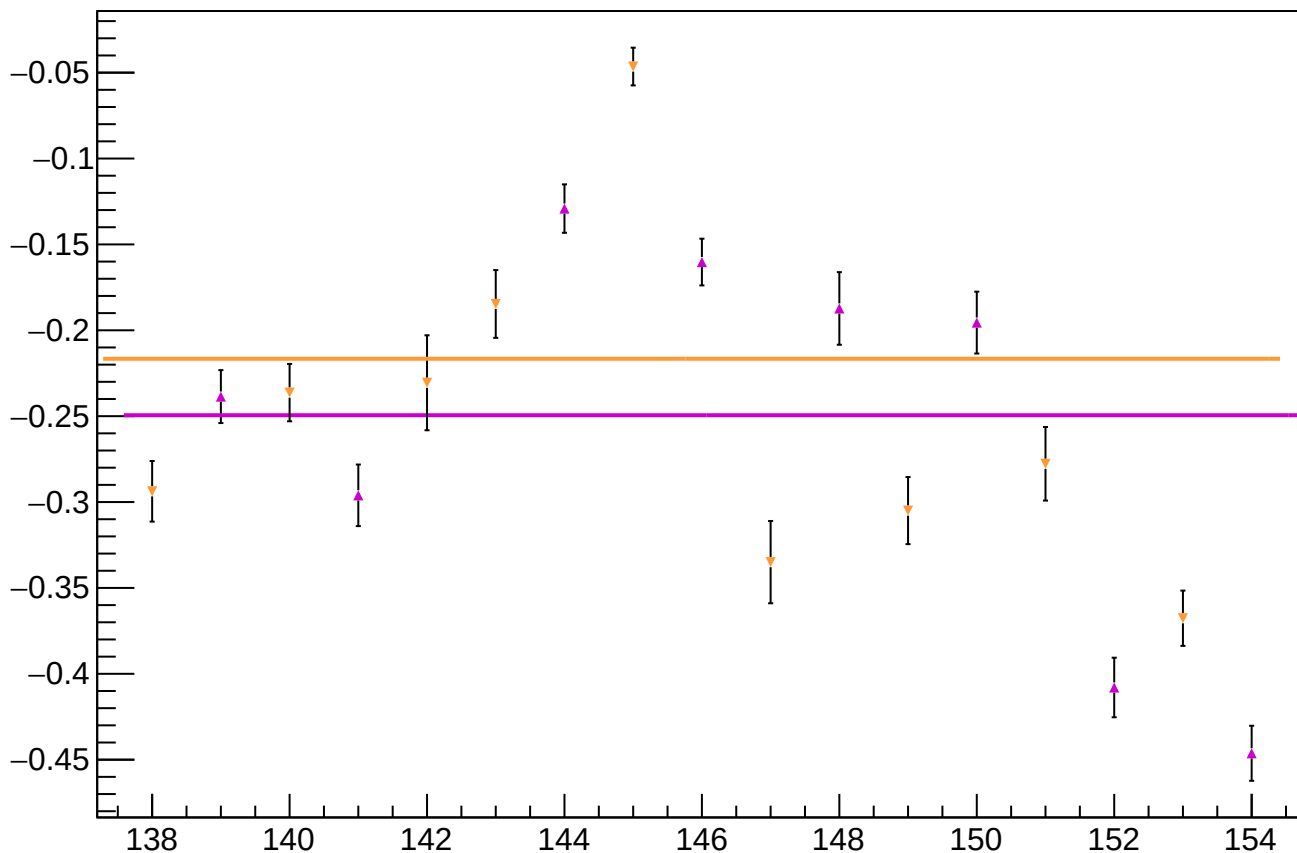
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.078+/-0.119 χ^2/NDF :1742.1/7

Out: 42.892+/-0.121 χ^2/NDF :1696.7/8

All: 41.469+/-0.085 χ^2/NDF : 3714.5/16

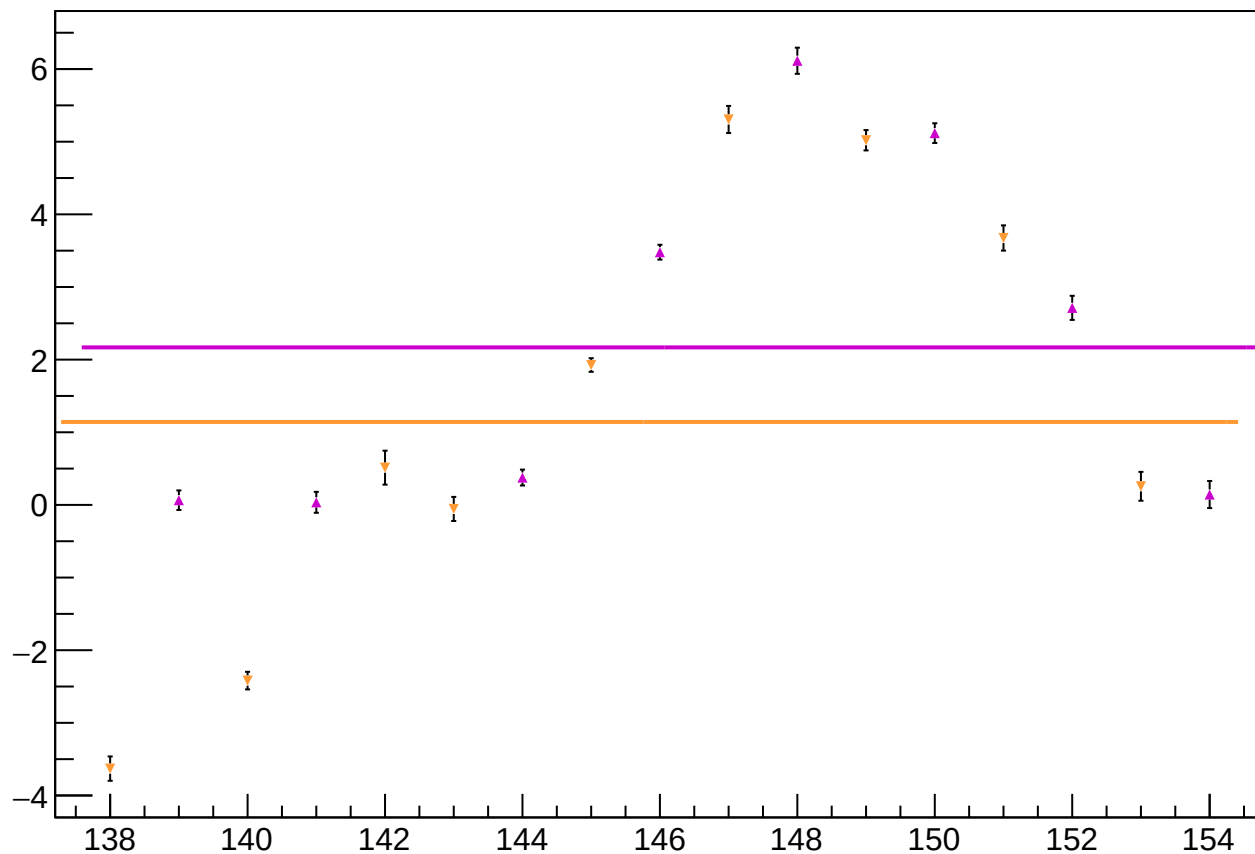
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.217+/-0.006 χ^2/NDF : 404.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.249+/-0.006 χ^2/NDF : 375.3/7

Left: -0.233+/-0.004 χ^2/NDF : 795.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.249+/-0.006 χ^2/NDF : 375.3/7
 Out: -0.217+/-0.006 χ^2/NDF : 404.5/8
 All: -0.233+/-0.004 χ^2/NDF : 795.9/16

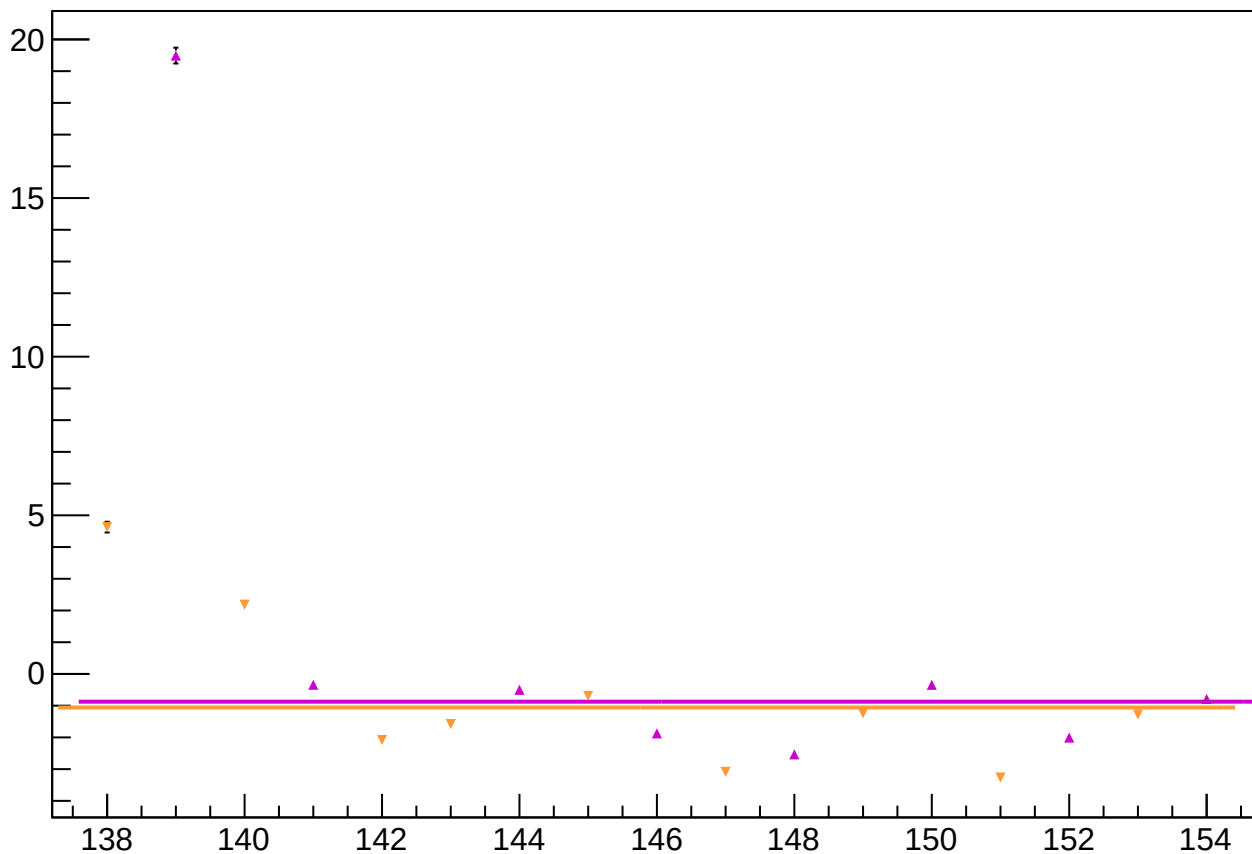
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.169 $\pm$ 0.048 χ^2 /NDF:1975.1/7

Left: 1.669 $\pm$ 0.034 χ^2 /NDF: 5499.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.169 $\pm$ 0.048 χ^2 /NDF:1975.1/7
 Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 All: 1.669 $\pm$ 0.034 χ^2 /NDF: 5499.5/16

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



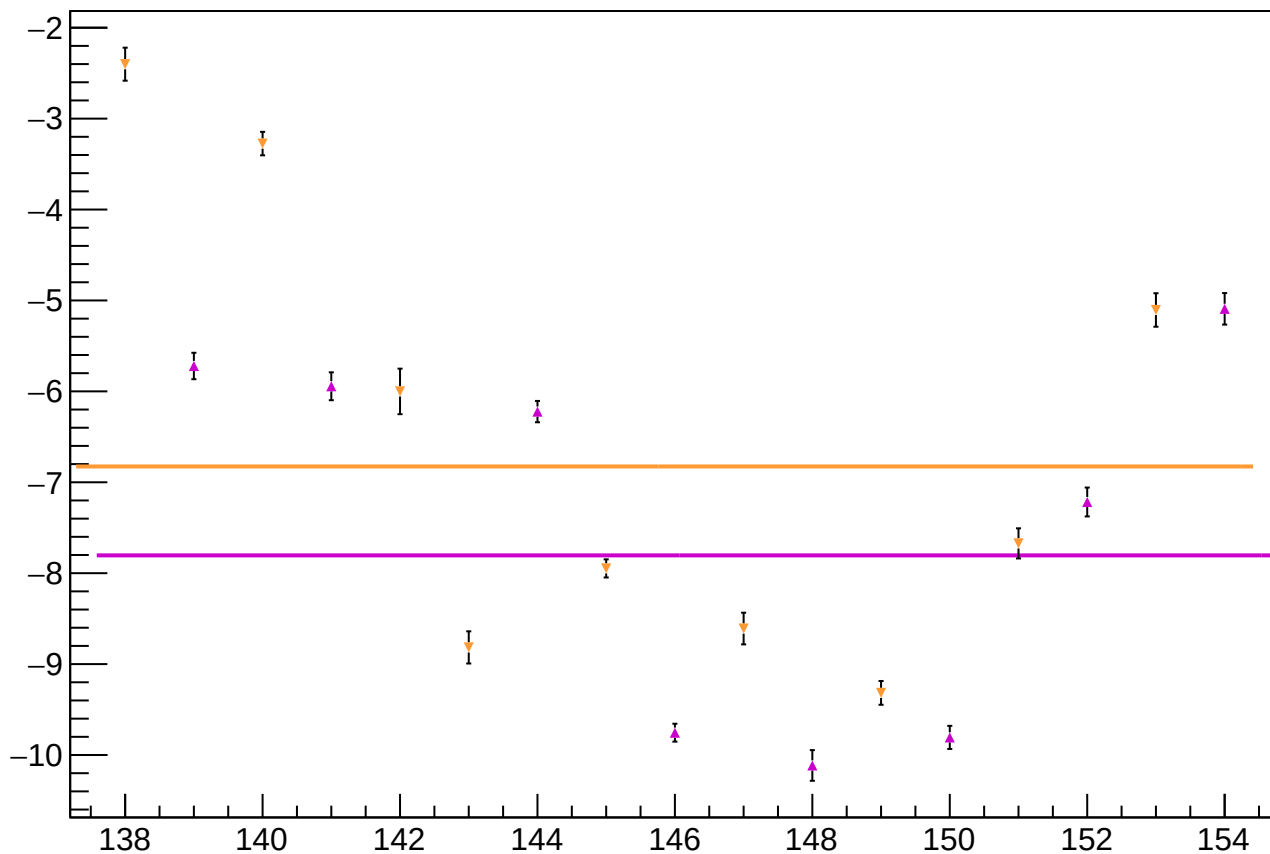
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.874+/-0.034 χ^2/NDF : 7416.1/7

Left: -0.963+/-0.024 χ^2/NDF : 10680.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.874+/-0.034 χ^2/NDF : 7416.1/7
 Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8

All: -0.963+/-0.024 χ^2/NDF : 10680.7/16

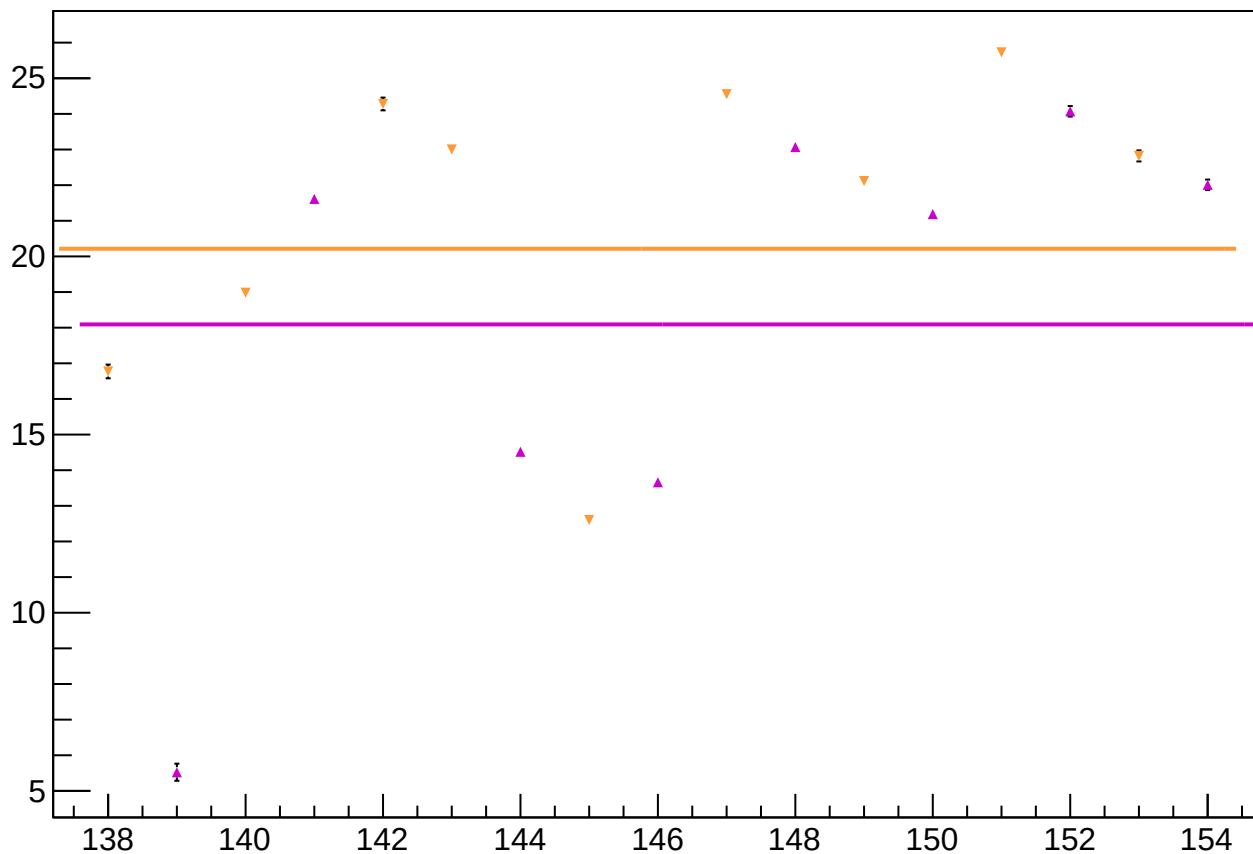
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.826+/-0.050 χ^2/NDF :2195.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.804+/-0.048 χ^2/NDF :1620.6/7

Left: -7.338+/-0.035 χ^2/NDF : 4014.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.804+/-0.048 χ^2/NDF :1620.6/7
 Out: -6.826+/-0.050 χ^2/NDF :2195.2/8
 All: -7.338+/-0.035 χ^2/NDF : 4014.2/16

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.215+/-0.042 χ^2/NDF :12393.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.092+/-0.041 χ^2/NDF :12744.3/7

Left: 19.123+/-0.029 χ^2/NDF : 26433.9/16

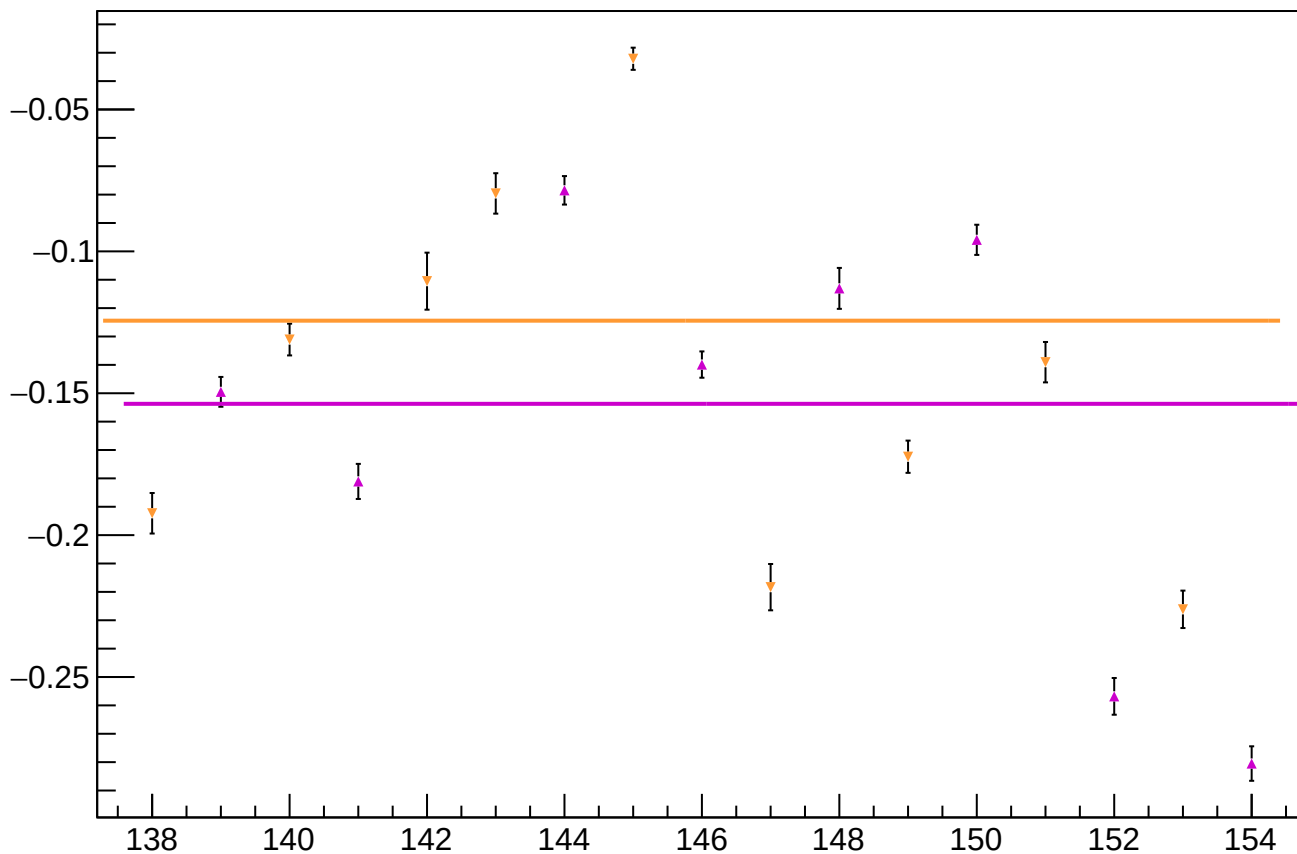
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.092+/-0.041 χ^2/NDF :12744.3/7

Out: 20.215+/-0.042 χ^2/NDF :12393.2/8

All: 19.123+/-0.029 χ^2/NDF : 26433.9/16

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.124+/-0.002 χ^2/NDF :1137.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.154+/-0.002 χ^2/NDF :1092.2/7

Left: -0.140+/-0.001 χ^2/NDF : 2334.1/16

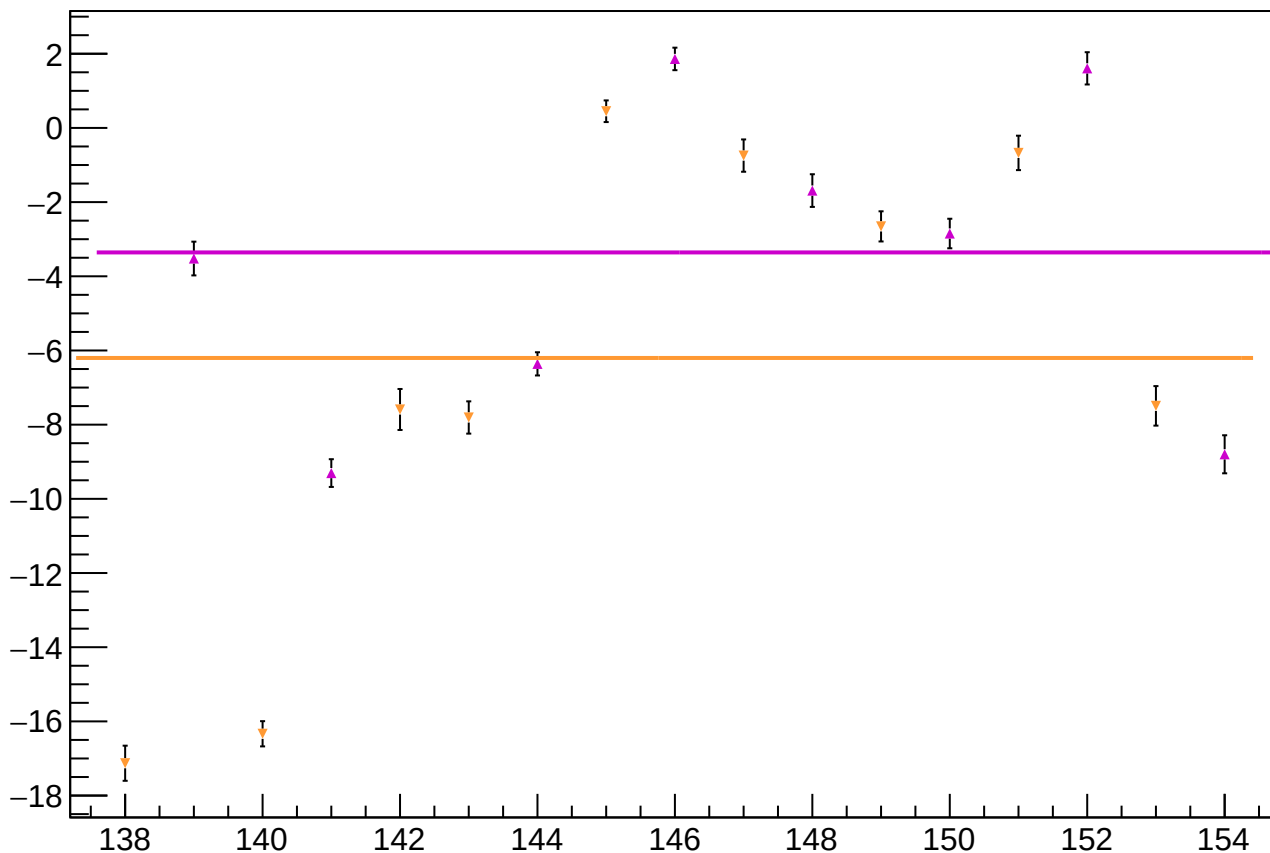
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.154+/-0.002 χ^2/NDF :1092.2/7

Out: -0.124+/-0.002 χ^2/NDF :1137.0/8

All: -0.140+/-0.001 χ^2/NDF : 2334.1/16

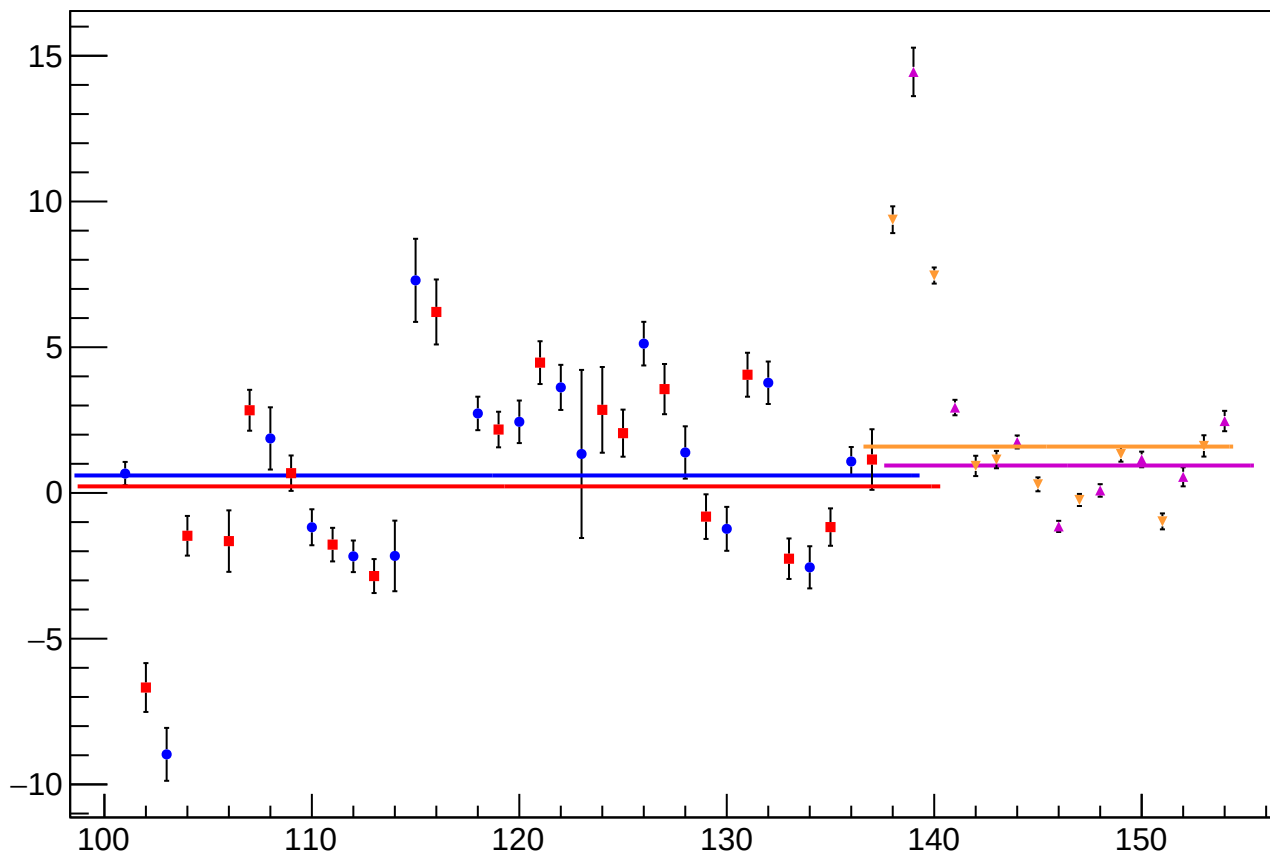
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.202 $\pm$ 0.138 χ^2 /NDF:2340.2/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.357 $\pm$ 0.137 χ^2 /NDF:899.8/7

Left: -4.769 $\pm$ 0.097 χ^2 /NDF: 3455.6/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.357 $\pm$ 0.137 χ^2 /NDF:899.8/7
 Out: -6.202 $\pm$ 0.138 χ^2 /NDF:2340.2/8
 All: -4.769 $\pm$ 0.097 χ^2 /NDF: 3455.6/16

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 1.591 $\pm$ 0.094 χ^2 /NDF:940.7/8

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 0.941 $\pm$ 0.093 χ^2 /NDF:489.6/7

Left: 1.263 $\pm$ 0.066 χ^2 /NDF: 1454.6/16

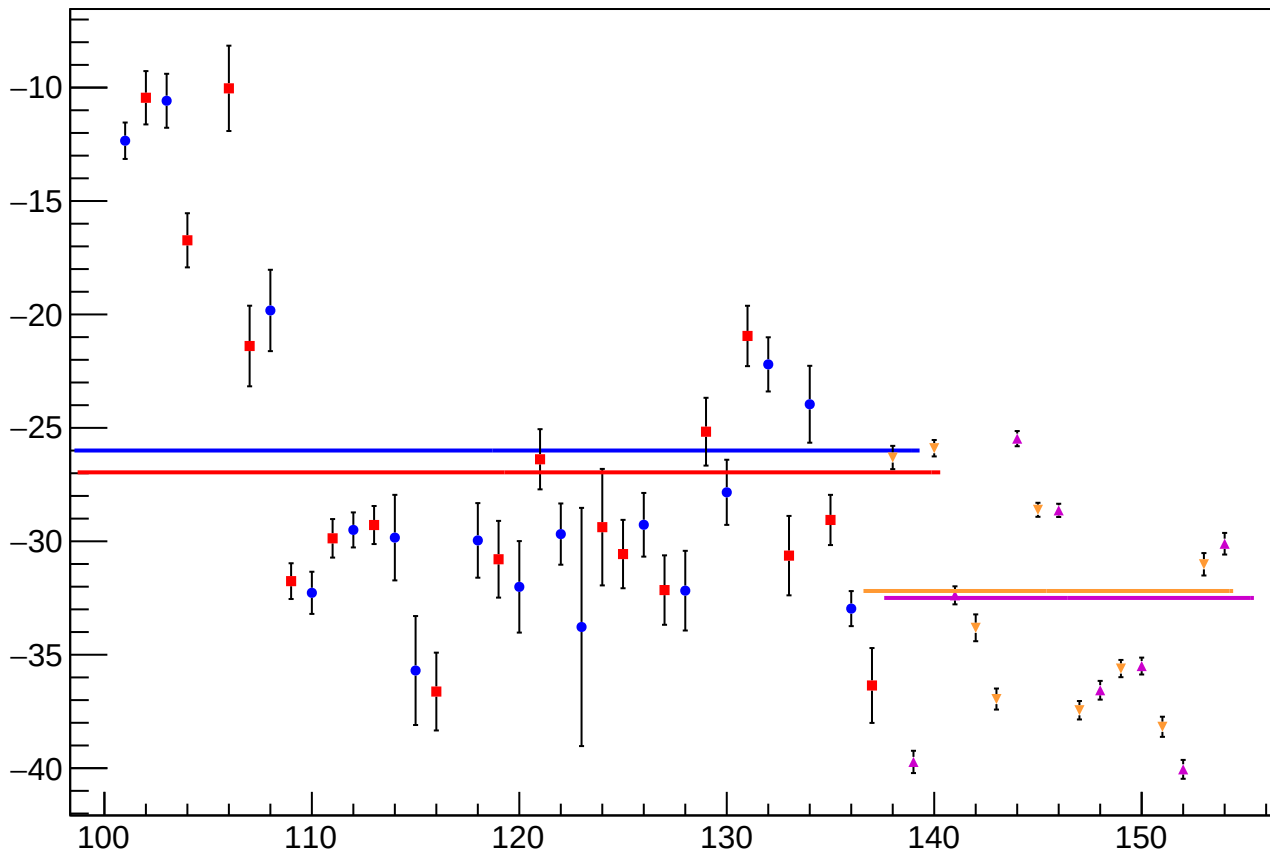
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 0.863 $\pm$ 0.081 χ^2 /NDF:784.7/24

Out: 1.286 $\pm$ 0.083 χ^2 /NDF:1261.3/26

All: 1.071 $\pm$ 0.058 χ^2 /NDF: 2059.4/51

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.190 ± 0.139 χ^2/NDF : 1115.8/8

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.497 ± 0.136 χ^2/NDF : 1347.2/7

Left: -32.347 ± 0.097 χ^2/NDF : 2465.5/16

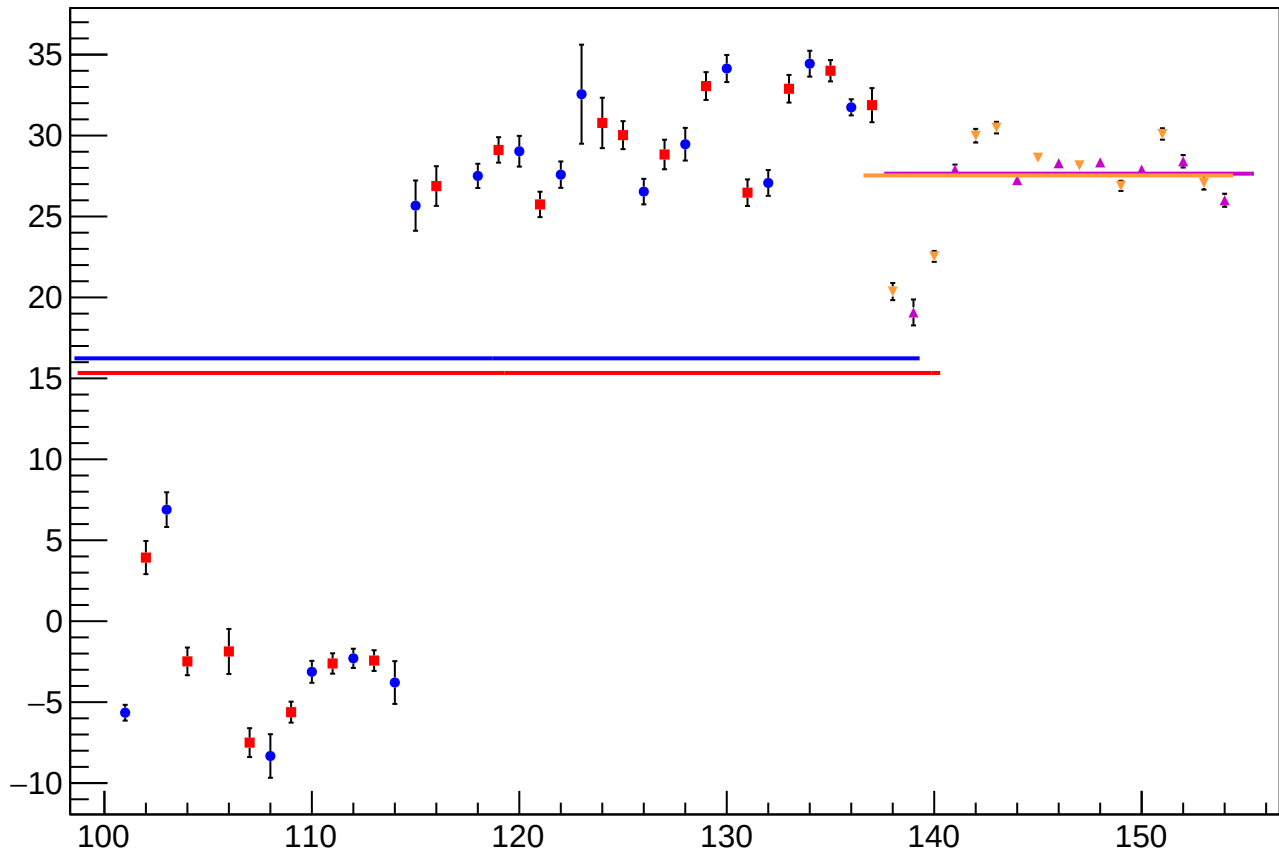
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.395 ± 0.124 χ^2/NDF : 2429.2/24

Out: -31.253 ± 0.126 χ^2/NDF : 1903.6/26

All: -31.325 ± 0.088 χ^2/NDF : 4333.4/51

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.537 $\pm$ 0.115 χ^2 /NDF:588.0/8

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.646 $\pm$ 0.114 χ^2 /NDF:151.0/7

Left: 27.592 $\pm$ 0.081 χ^2 /NDF: 739.4/16

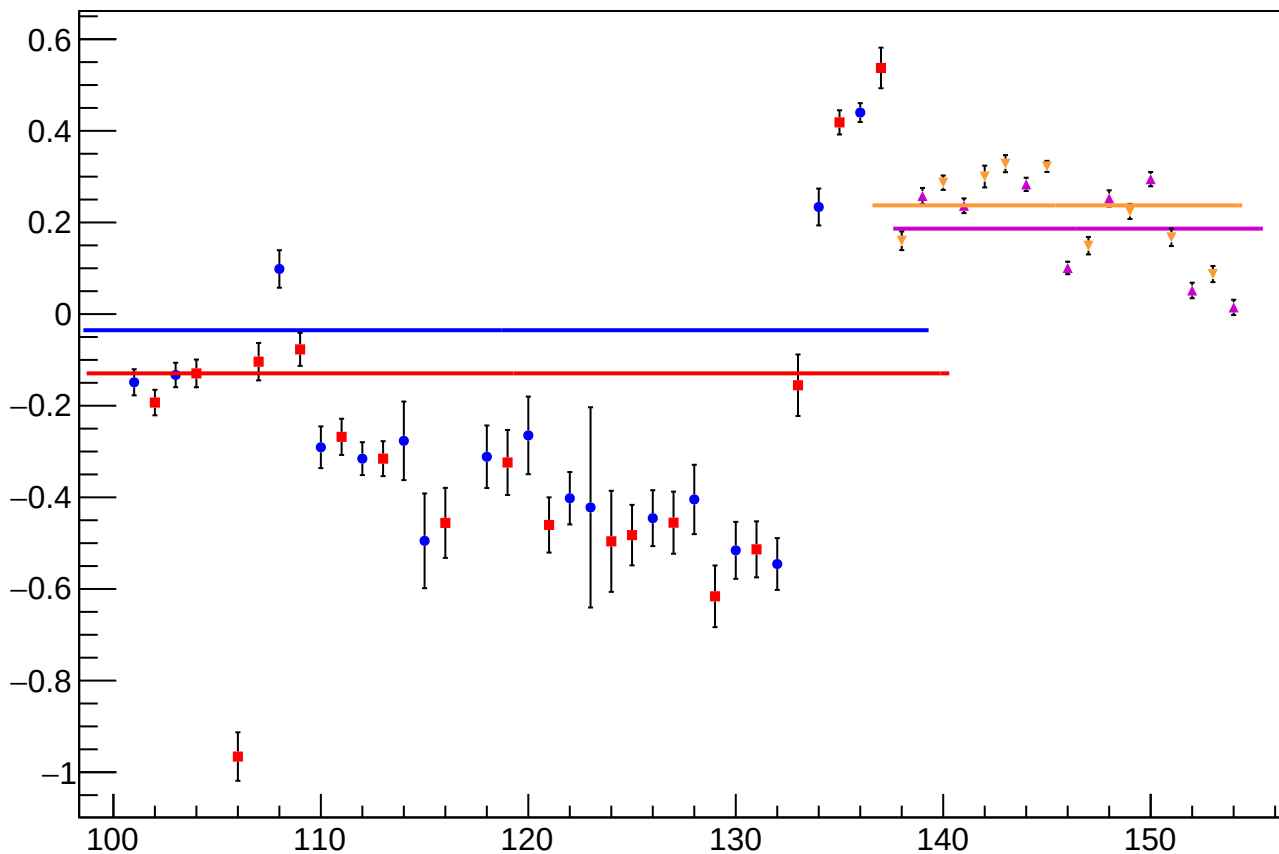
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.671 $\pm$ 0.098 χ^2 /NDF:10358.0/24

Out: 24.433 $\pm$ 0.099 χ^2 /NDF:10703.6/26

All: 24.554 $\pm$ 0.070 χ^2 /NDF: 21064.5/51

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.237 ± 0.006 χ^2/NDF : 211.3/8

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.187 ± 0.006 χ^2/NDF : 341.2/7

Left: 0.211 ± 0.004 χ^2/NDF : 592.5/16

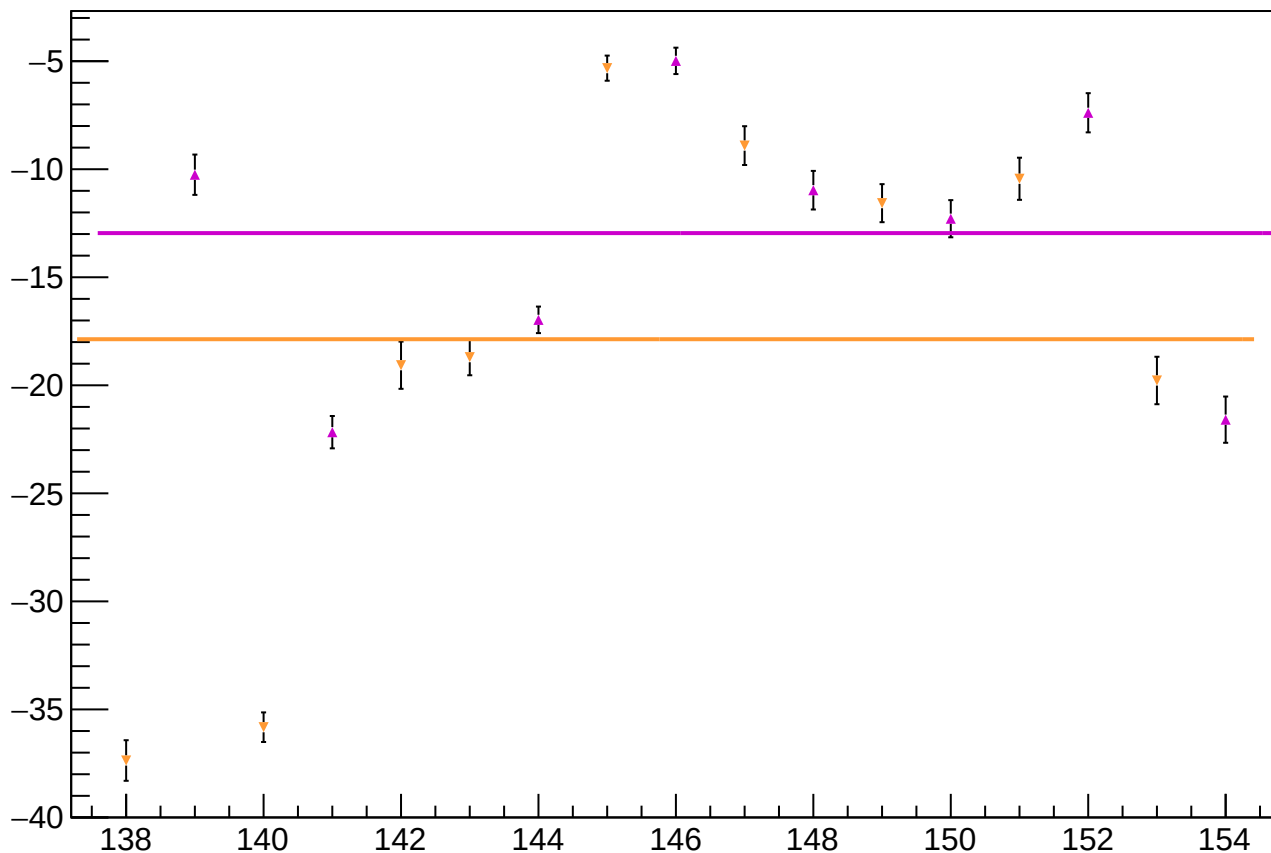
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.136 ± 0.005 χ^2/NDF : 1710.6/24

Out: 0.151 ± 0.005 χ^2/NDF : 2326.4/26

All: 0.143 ± 0.004 χ^2/NDF : 4041.9/51

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.868+/-0.278 χ^2/NDF :1797.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.956+/-0.278 χ^2/NDF :481.5/7

Left: -15.406+/-0.197 χ^2/NDF : 2435.1/16

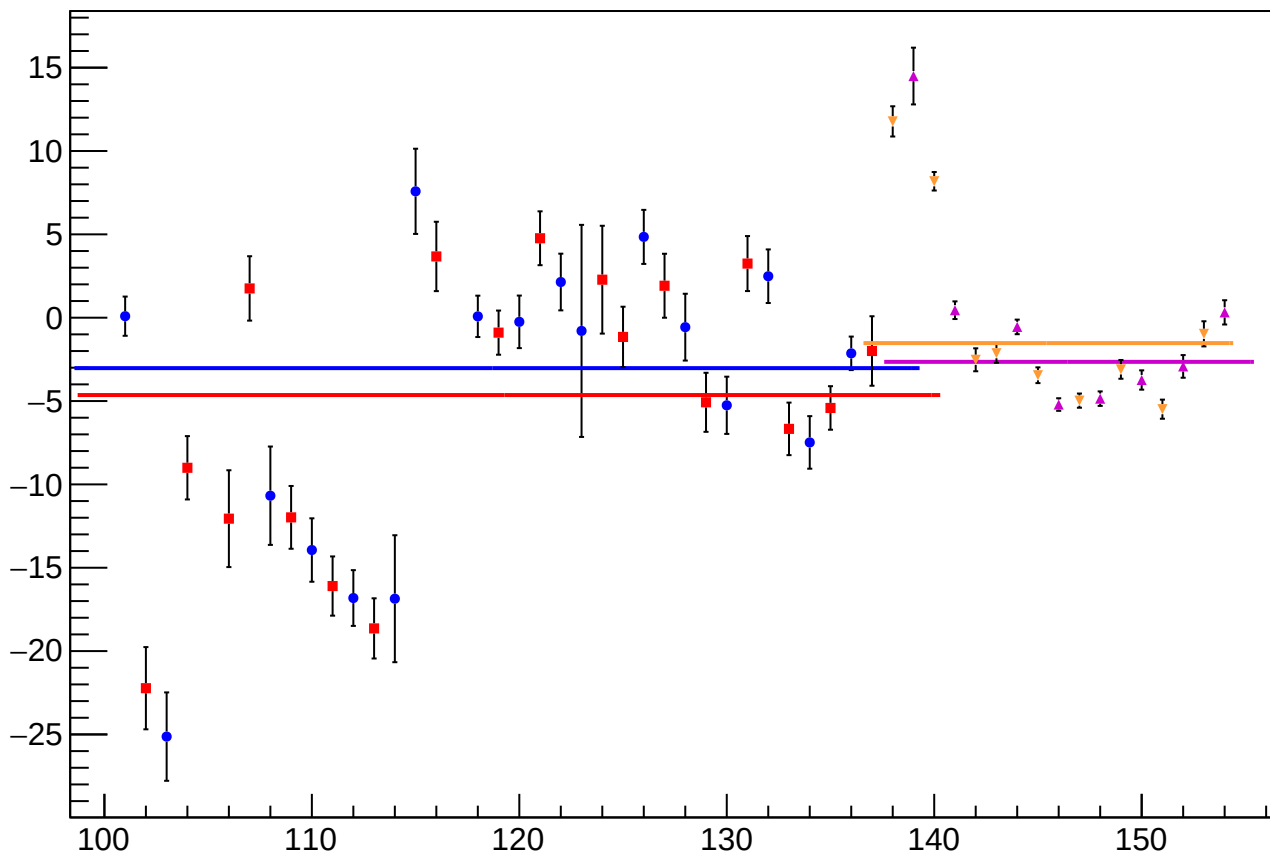
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.956+/-0.278 χ^2/NDF :481.5/7

Out: -17.868+/-0.278 χ^2/NDF :1797.7/8

All: -15.406+/-0.197 χ^2/NDF : 2435.1/16

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.523 ± 0.190 χ^2/NDF : 662.6/8

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.648 ± 0.187 χ^2/NDF : 250.6/7

Left: -2.095 ± 0.134 χ^2/NDF : 930.9/16

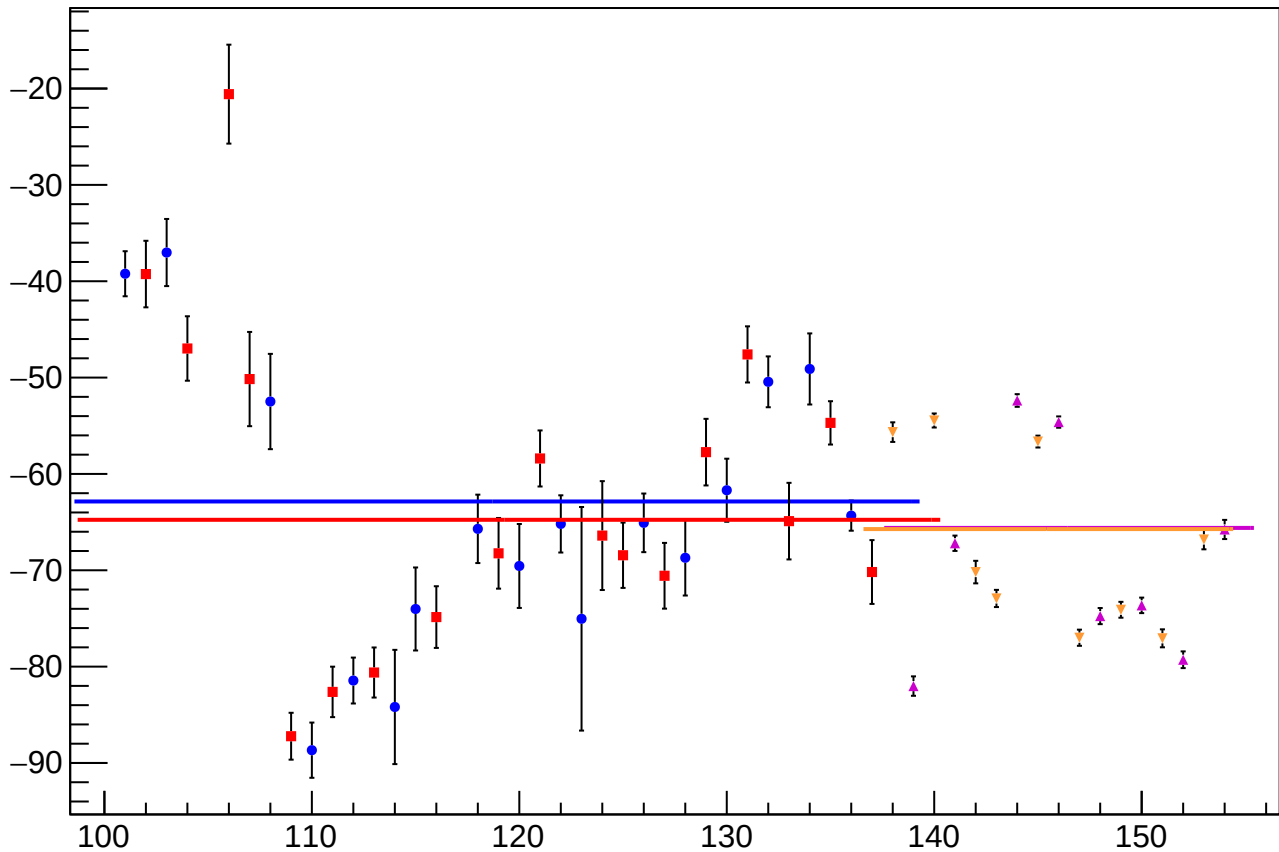
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.714 ± 0.170 χ^2/NDF : 531.9/24

Out: -2.041 ± 0.174 χ^2/NDF : 1002.0/26

All: -2.385 ± 0.122 χ^2/NDF : 1541.6/51

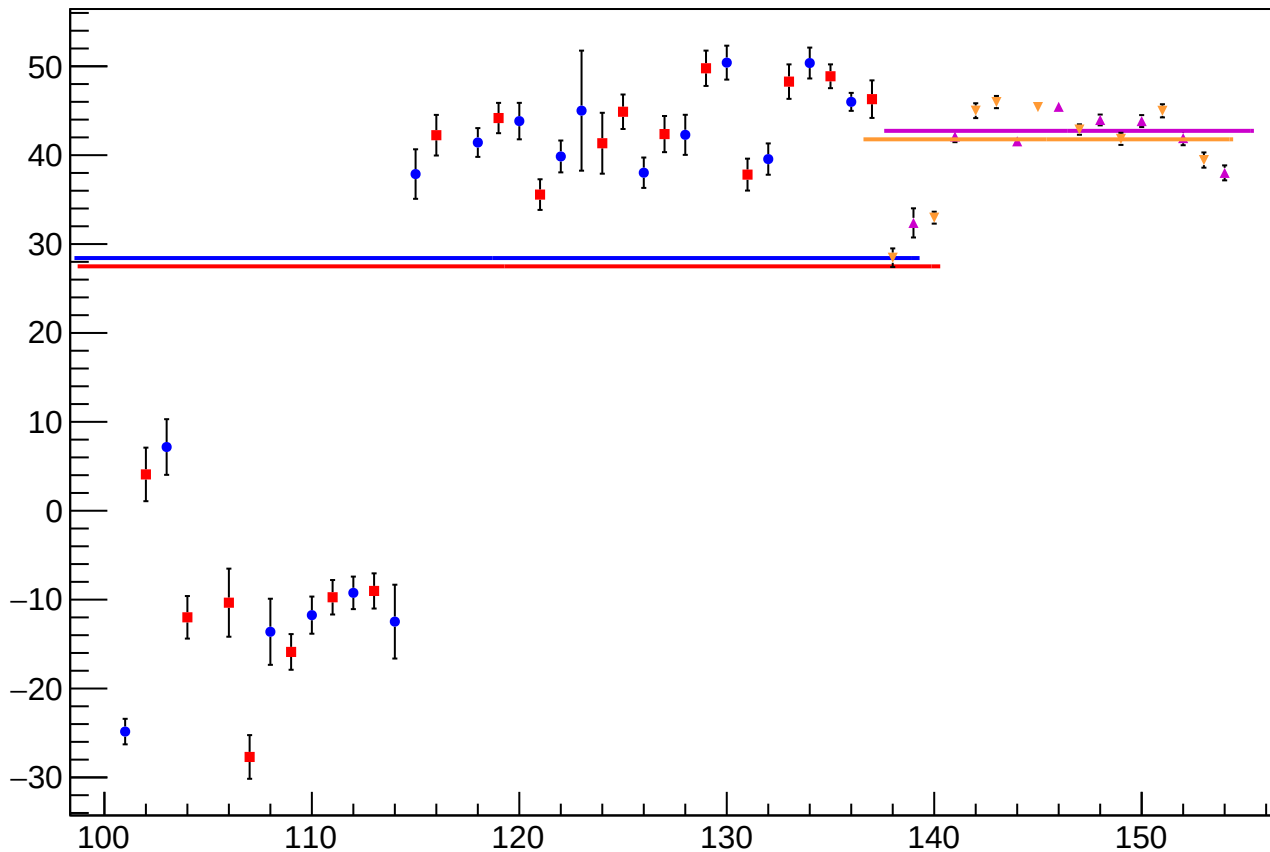
reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$
 Left Out: -65.724 ± 0.283 $\chi^2/\text{NDF}: 1066.2/8$
 Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$
 Left In: -65.602 ± 0.276 $\chi^2/\text{NDF}: 1491.9/7$

Left: -65.662 ± 0.198 $\chi^2/\text{NDF}: 2558.1/16$
 Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$
 In: -65.265 ± 0.259 $\chi^2/\text{NDF}: 1871.7/24$
 Out: -65.604 ± 0.265 $\chi^2/\text{NDF}: 1483.7/26$
 All: -65.431 ± 0.185 $\chi^2/\text{NDF}: 3356.2/51$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.782 $\pm$ 0.234 χ^2 /NDF: 459.8/8

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 42.736 $\pm$ 0.230 χ^2 /NDF: 117.5/7

Left: 42.266 $\pm$ 0.164 χ^2 /NDF: 585.7/16

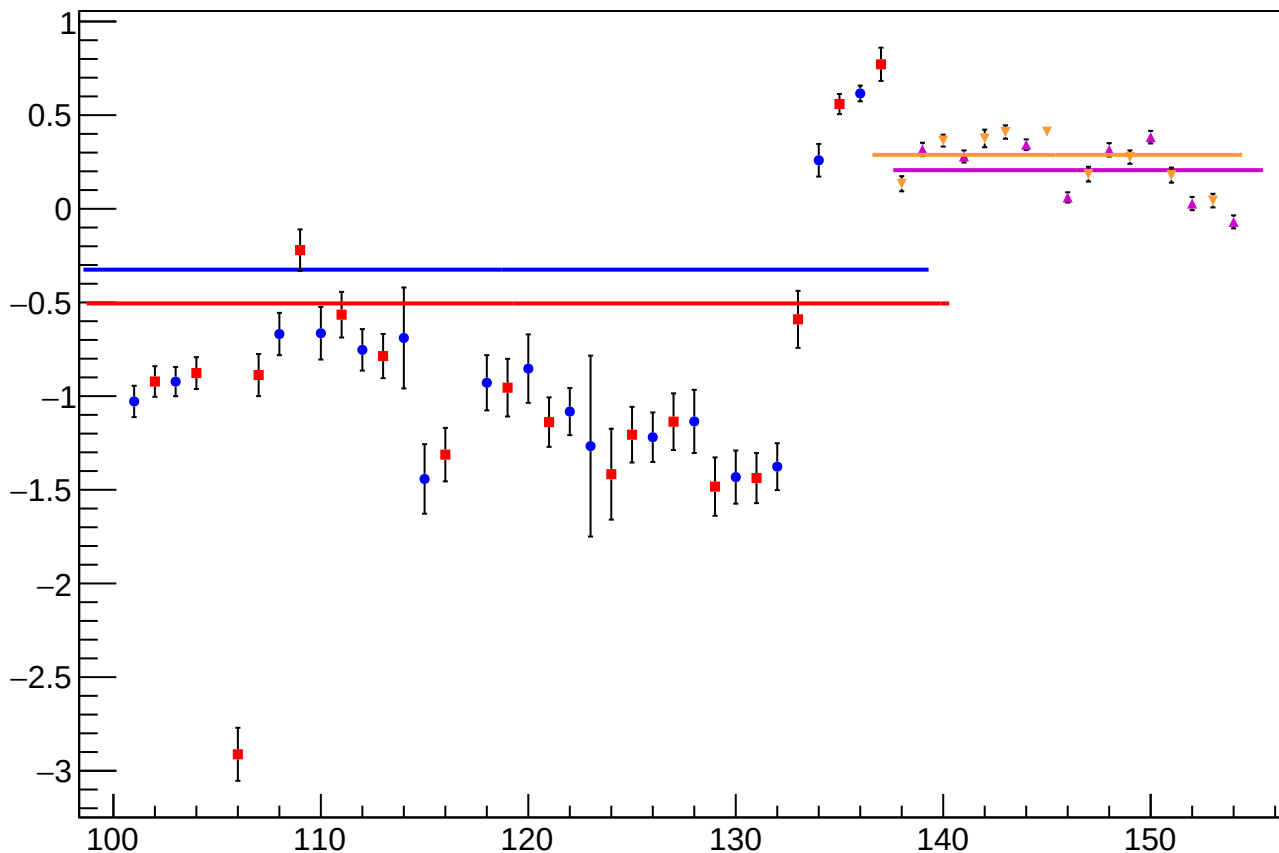
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.842 $\pm$ 0.206 χ^2 /NDF: 4219.4/24

Out: 39.030 $\pm$ 0.210 χ^2 /NDF: 4206.9/26

All: 39.444 $\pm$ 0.147 χ^2 /NDF: 8433.9/51

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.288 ± 0.012 χ^2/NDF : 120.5/8

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.206 ± 0.011 χ^2/NDF : 190.1/7

Left: 0.246 ± 0.008 χ^2/NDF : 335.4/16

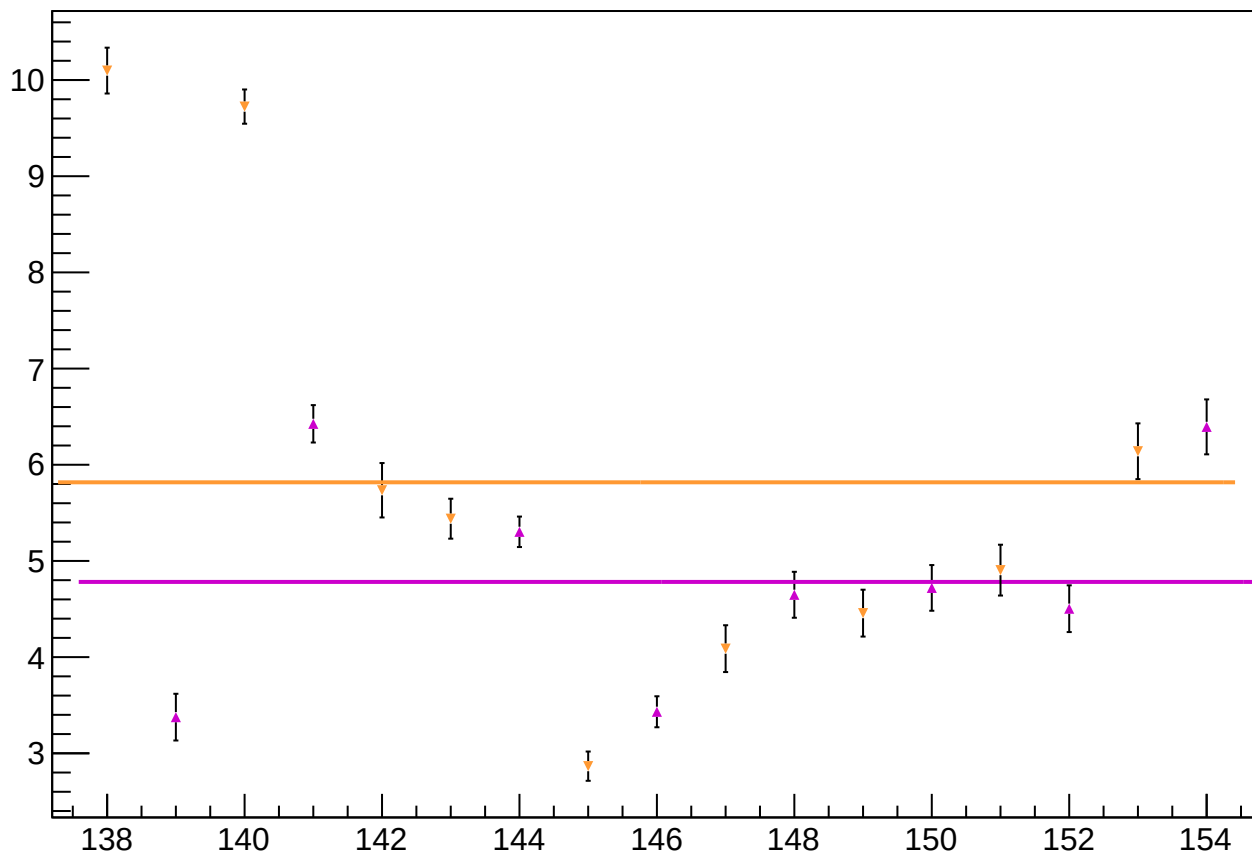
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.113 ± 0.010 χ^2/NDF : 1576.8/24

Out: 0.153 ± 0.011 χ^2/NDF : 2069.6/26

All: 0.133 ± 0.007 χ^2/NDF : 3653.5/51

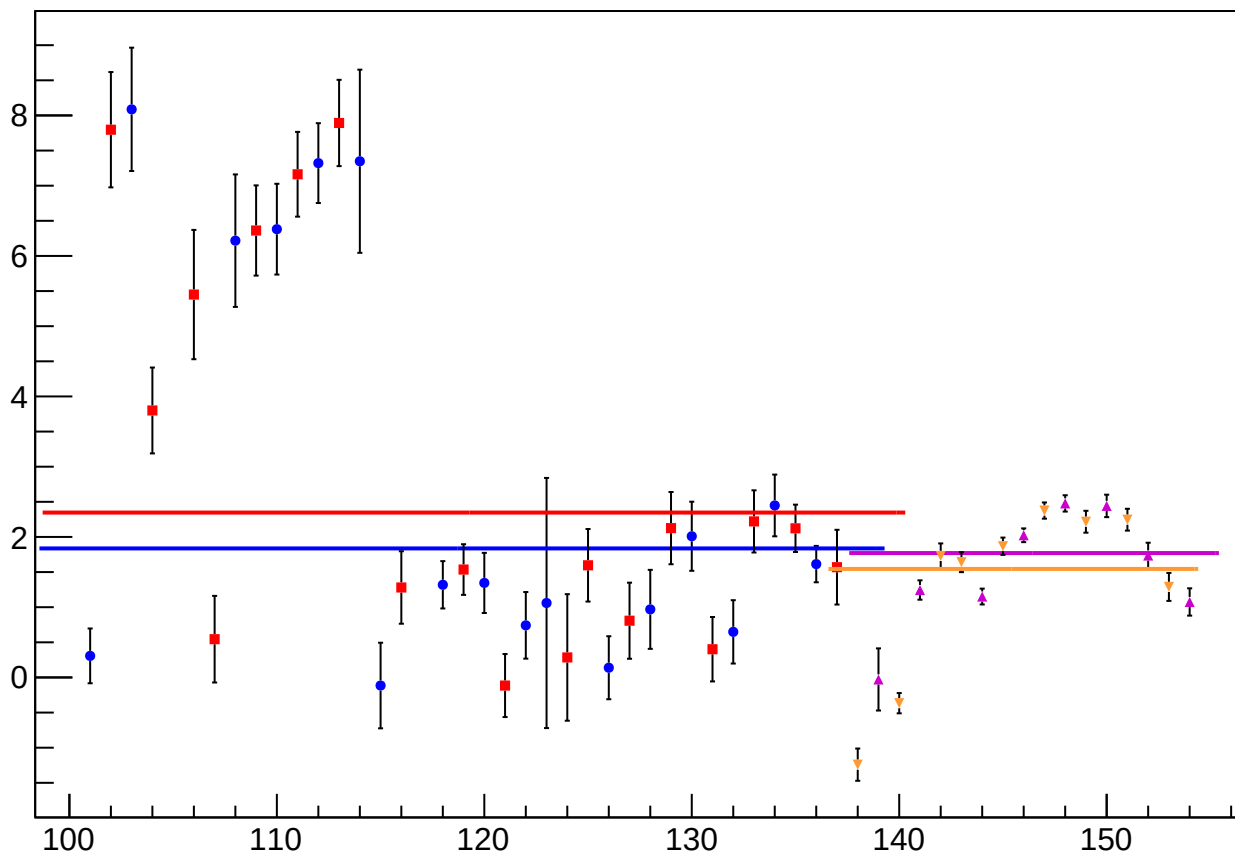
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.782+/-0.073 χ^2/NDF :219.6/7

Left: 5.302+/-0.052 χ^2/NDF : 1598.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.782+/-0.073 χ^2/NDF :219.6/7
 Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 All: 5.302+/-0.052 χ^2/NDF : 1598.5/16

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.545 ± 0.050 χ^2/NDF : 423.8/8

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.771 ± 0.049 χ^2/NDF : 135.5/7

Left: 1.660 ± 0.035 χ^2/NDF : 569.6/16

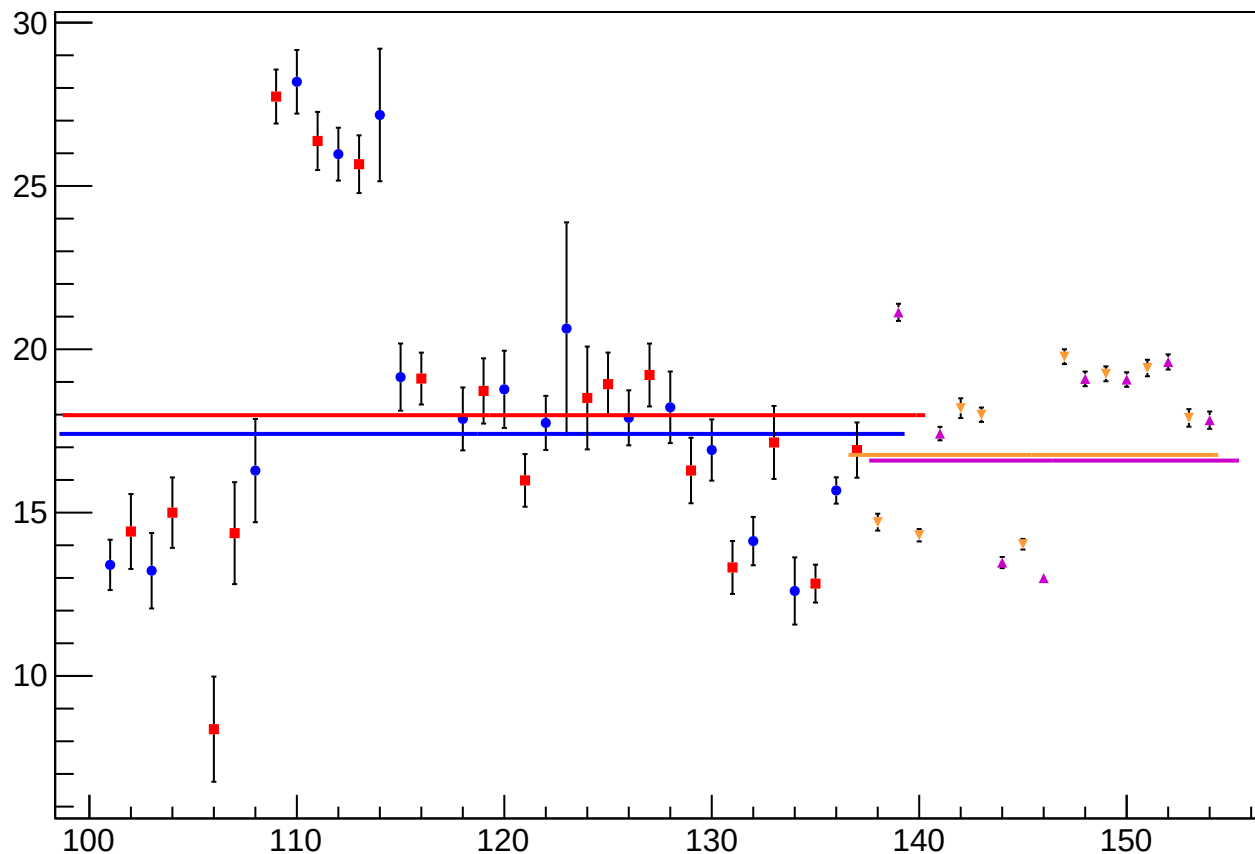
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.781 ± 0.045 χ^2/NDF : 429.9/24

Out: 1.660 ± 0.046 χ^2/NDF : 790.3/26

All: 1.722 ± 0.032 χ^2/NDF : 1223.6/51

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 16.767 $\pm$ 0.074 χ^2 /NDF:993.1/8

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.593 $\pm$ 0.073 χ^2 /NDF:1634.2/7

Left: 16.678 $\pm$ 0.052 χ^2 /NDF: 2630.0/16

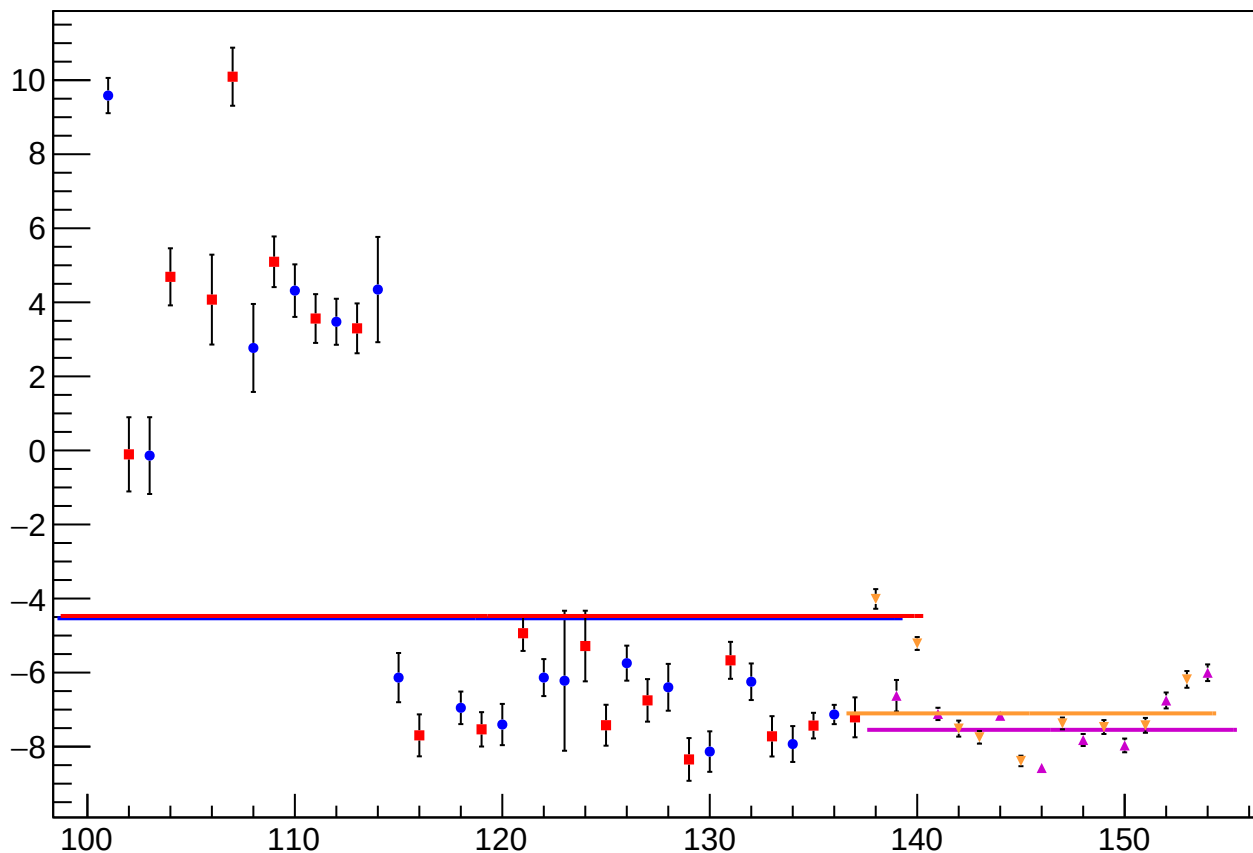
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.680 $\pm$ 0.069 χ^2 /NDF:2012.5/24

Out: 16.892 $\pm$ 0.070 χ^2 /NDF:1511.3/26

All: 16.784 $\pm$ 0.049 χ^2 /NDF: 3528.5/51

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: -7.102 ± 0.061 χ^2/NDF : 378.1/8

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.546 ± 0.061 χ^2/NDF : 156.9/7

Left: -7.327 ± 0.043 χ^2/NDF : 561.3/16

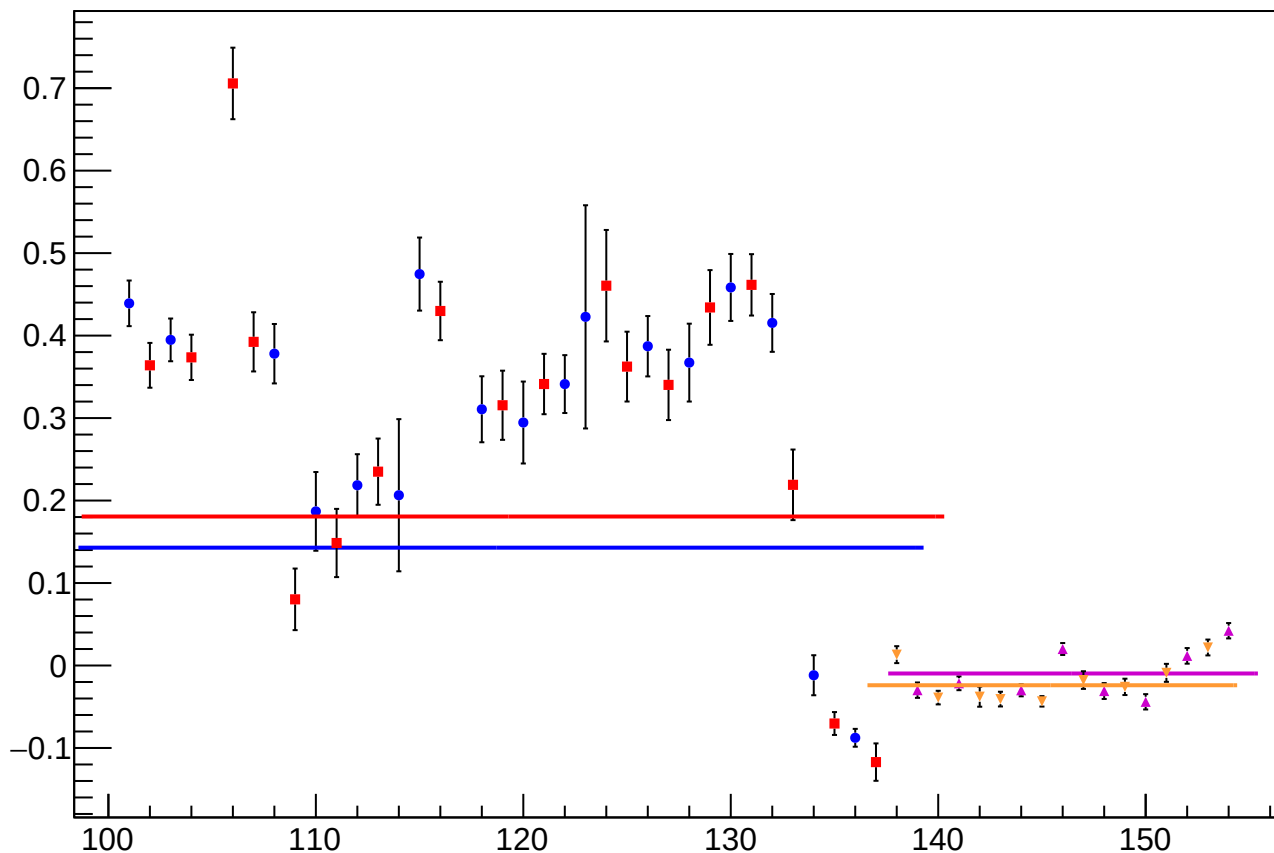
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -7.003 ± 0.055 χ^2/NDF : 2188.0/24

Out: -6.660 ± 0.056 χ^2/NDF : 2024.7/26

All: -6.835 ± 0.039 χ^2/NDF : 4231.7/51

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.024 ± 0.003 $\chi^2/\text{NDF}: 55.6/8$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 85.9/7$

Left: -0.017 ± 0.002 $\chi^2/\text{NDF}: 152.4/16$

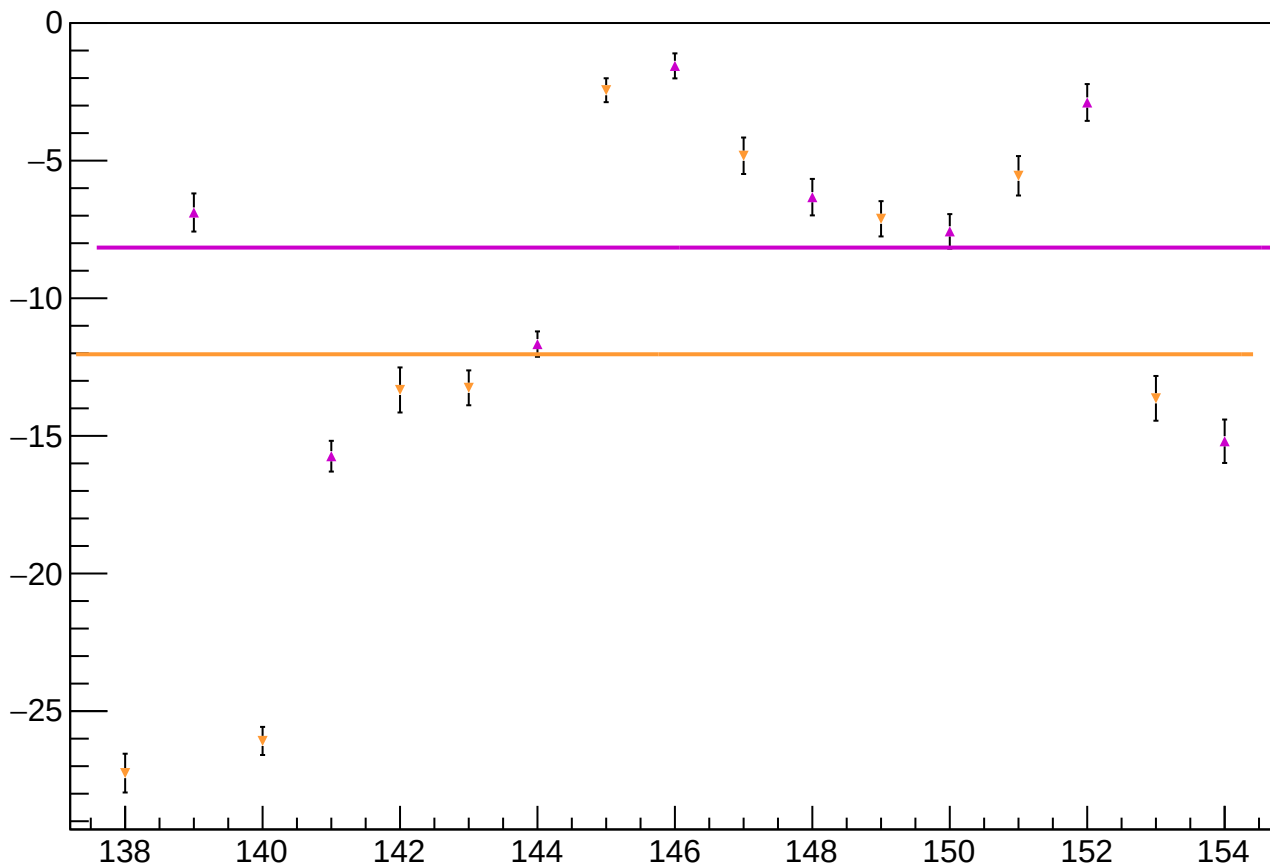
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.014 ± 0.003 $\chi^2/\text{NDF}: 1539.4/24$

Out: 0.006 ± 0.003 $\chi^2/\text{NDF}: 1711.2/26$

All: 0.010 ± 0.002 $\chi^2/\text{NDF}: 3254.8/51$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



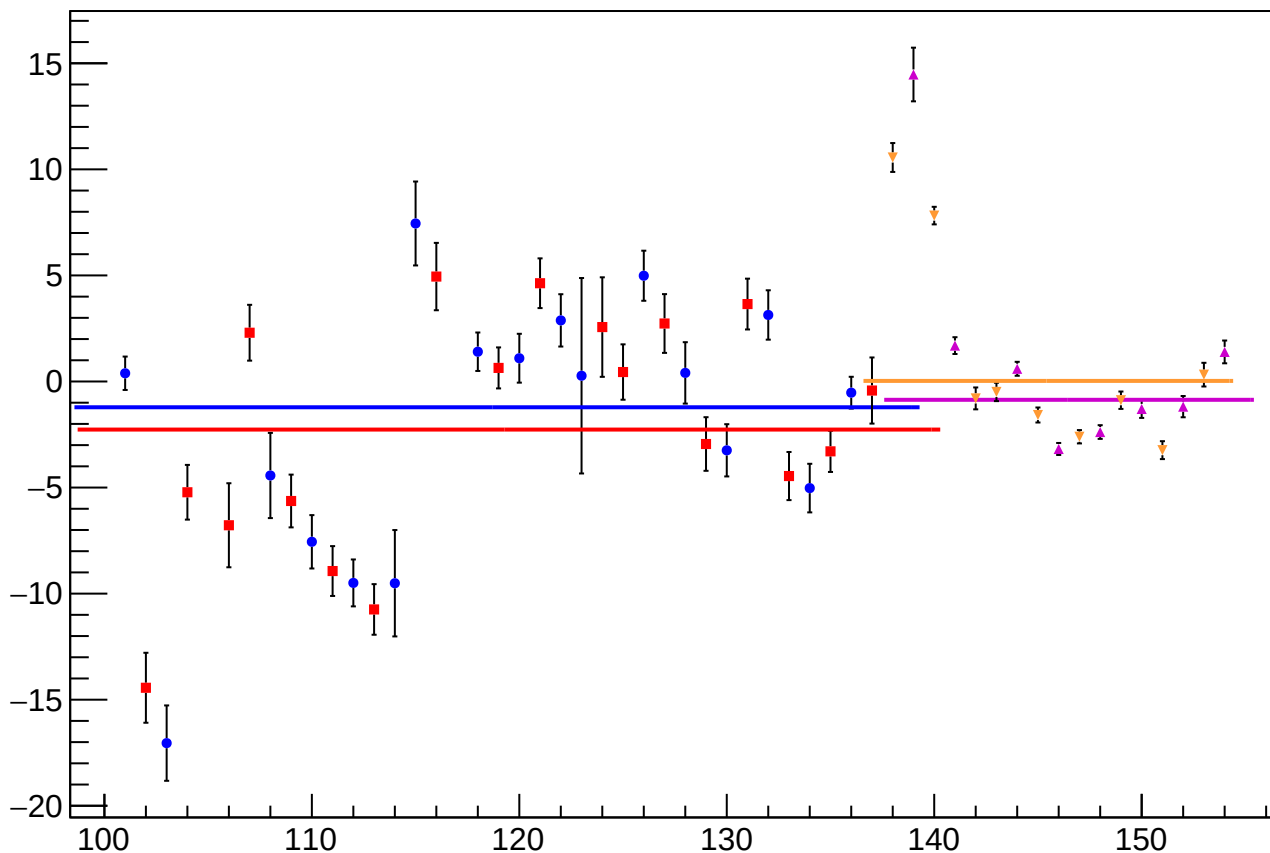
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.035+/-0.207 χ^2/NDF :1981.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.159+/-0.206 χ^2/NDF :606.6/7

Left: -10.089+/-0.146 χ^2/NDF : 2763.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.159+/-0.206 χ^2/NDF :606.6/7
 Out: -12.035+/-0.207 χ^2/NDF :1981.2/8

All: -10.089+/-0.146 χ^2/NDF : 2763.7/16

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: 0.027 ± 0.141 $\chi^2/\text{NDF}: 752.9/8$

Right Out: -2.267 ± 0.302 $\chi^2/\text{NDF}: 283.9/17$

Left In: -0.863 ± 0.139 $\chi^2/\text{NDF}: 316.9/7$

Left: -0.424 ± 0.099 $\chi^2/\text{NDF}: 1089.9/16$

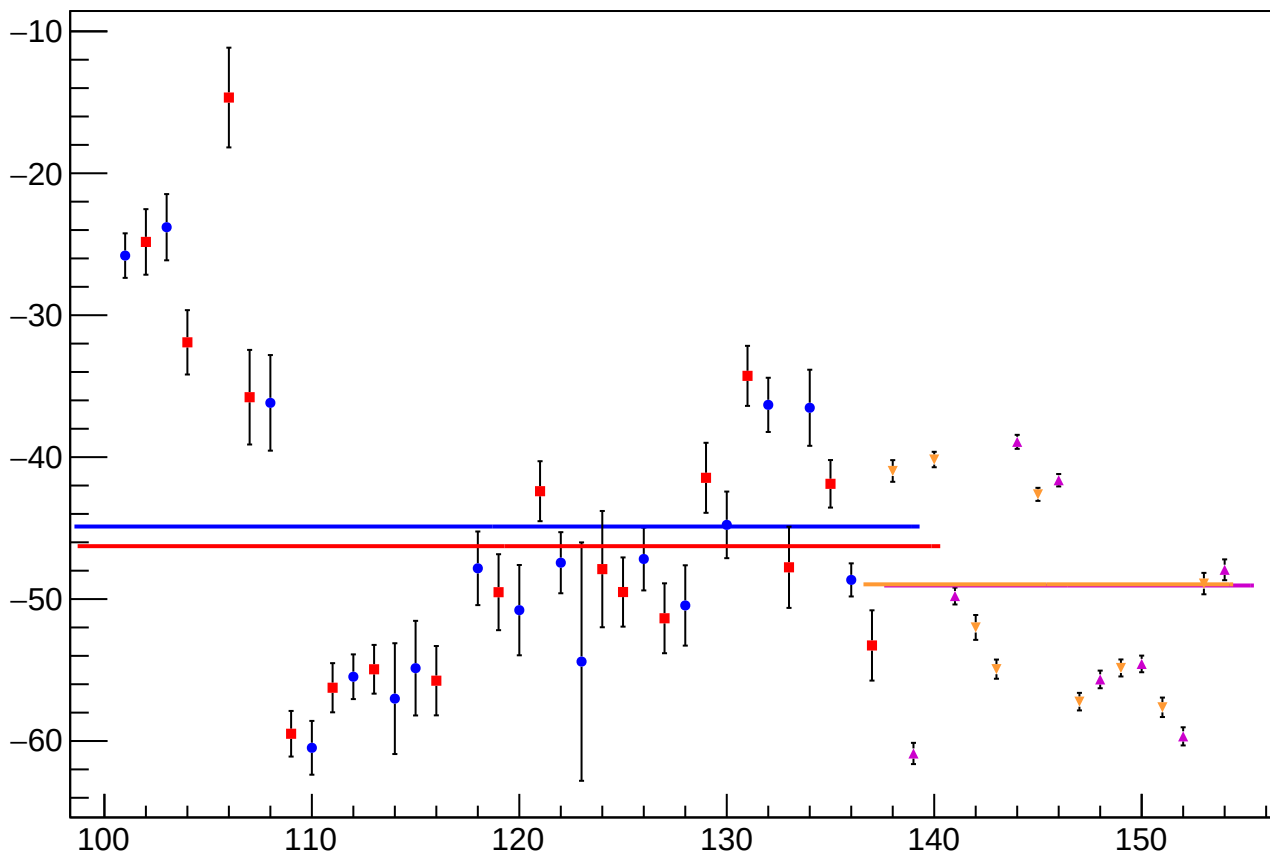
Right: -1.720 ± 0.209 $\chi^2/\text{NDF}: 568.9/34$

In: -0.929 ± 0.126 $\chi^2/\text{NDF}: 596.8/24$

Out: -0.384 ± 0.128 $\chi^2/\text{NDF}: 1084.1/26$

All: -0.662 ± 0.090 $\chi^2/\text{NDF}: 1690.0/51$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -48.962 ± 0.210 χ^2/NDF : 1085.6/8

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -49.043 ± 0.205 χ^2/NDF : 1441.0/7

Left: -49.003 ± 0.147 χ^2/NDF : 2526.6/16

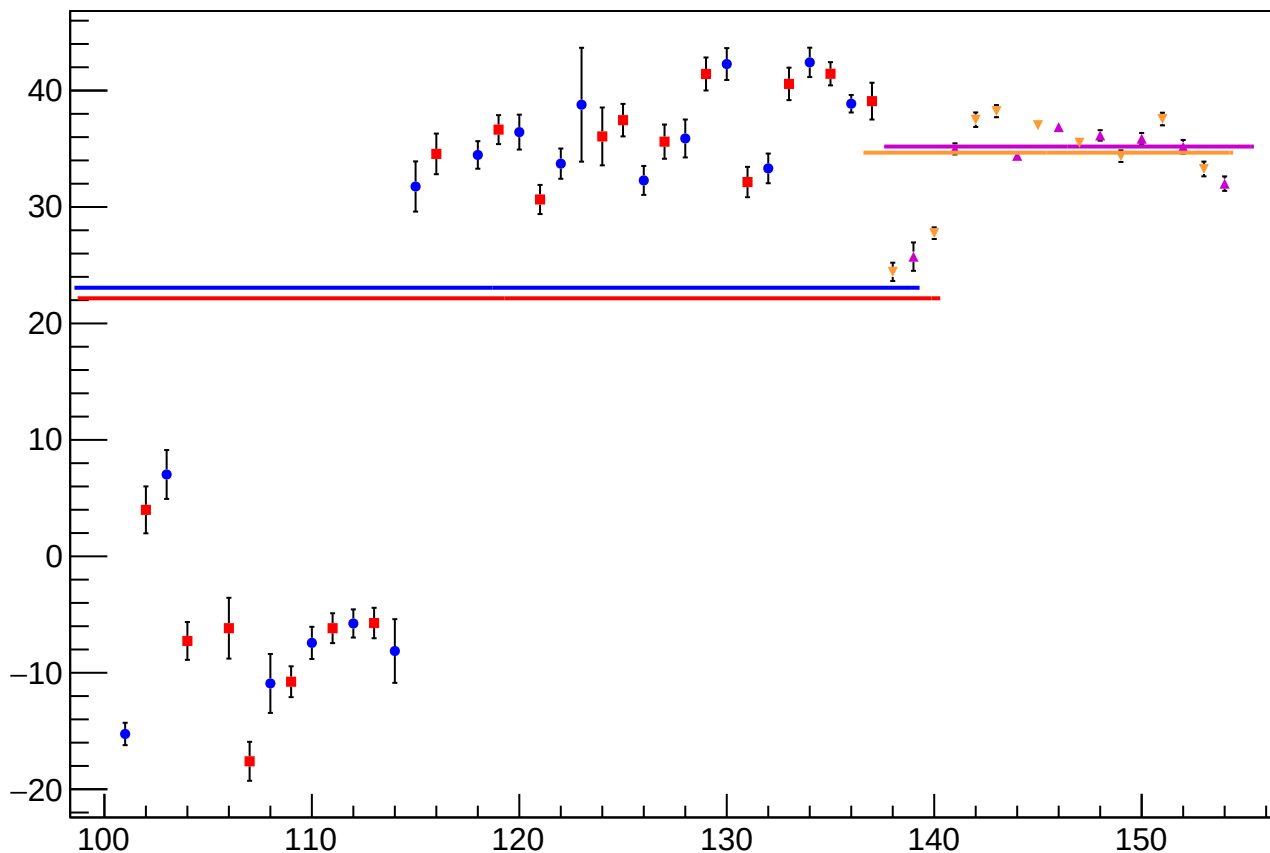
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.490 ± 0.191 χ^2/NDF : 1916.0/24

Out: -48.595 ± 0.196 χ^2/NDF : 1528.4/26

All: -48.541 ± 0.137 χ^2/NDF : 3444.5/51

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: 34.666 $\pm$ 0.174 χ^2 /NDF:497.6/8

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.190 $\pm$ 0.171 χ^2 /NDF:119.3/7

Left: 34.932 $\pm$ 0.122 χ^2 /NDF: 621.5/16

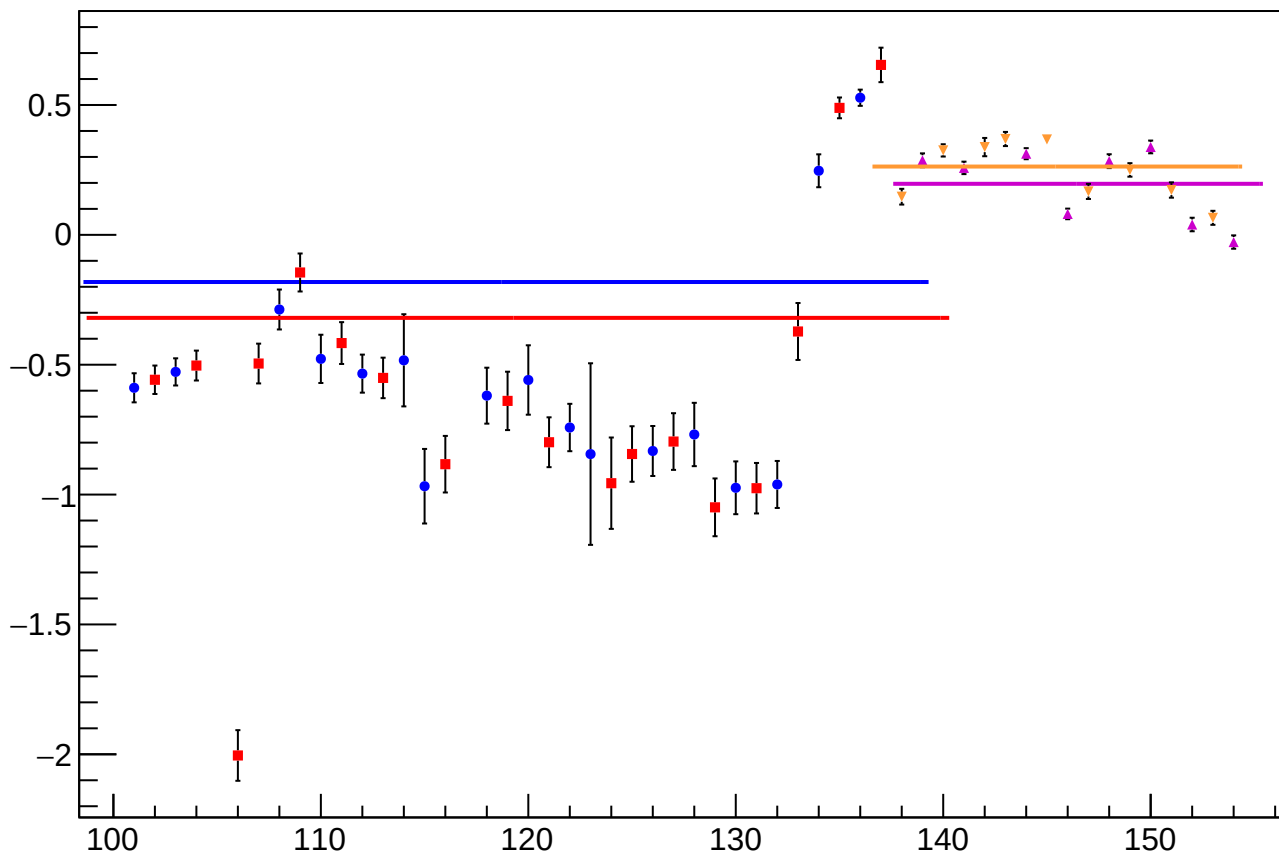
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.574 $\pm$ 0.152 χ^2 /NDF:5533.9/24

Out: 32.076 $\pm$ 0.155 χ^2 /NDF:5595.9/26

All: 32.330 $\pm$ 0.108 χ^2 /NDF: 11135.1/51

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182+/-0.018 χ^2/NDF : 996.9/16

Left Out: 0.263+/-0.009 χ^2/NDF :148.8/8

Right Out: -0.320+/-0.018 χ^2/NDF : 1177.5/17

Left In: 0.197+/-0.009 χ^2/NDF :236.1/7

Left: 0.229+/-0.006 χ^2/NDF : 414.7/16

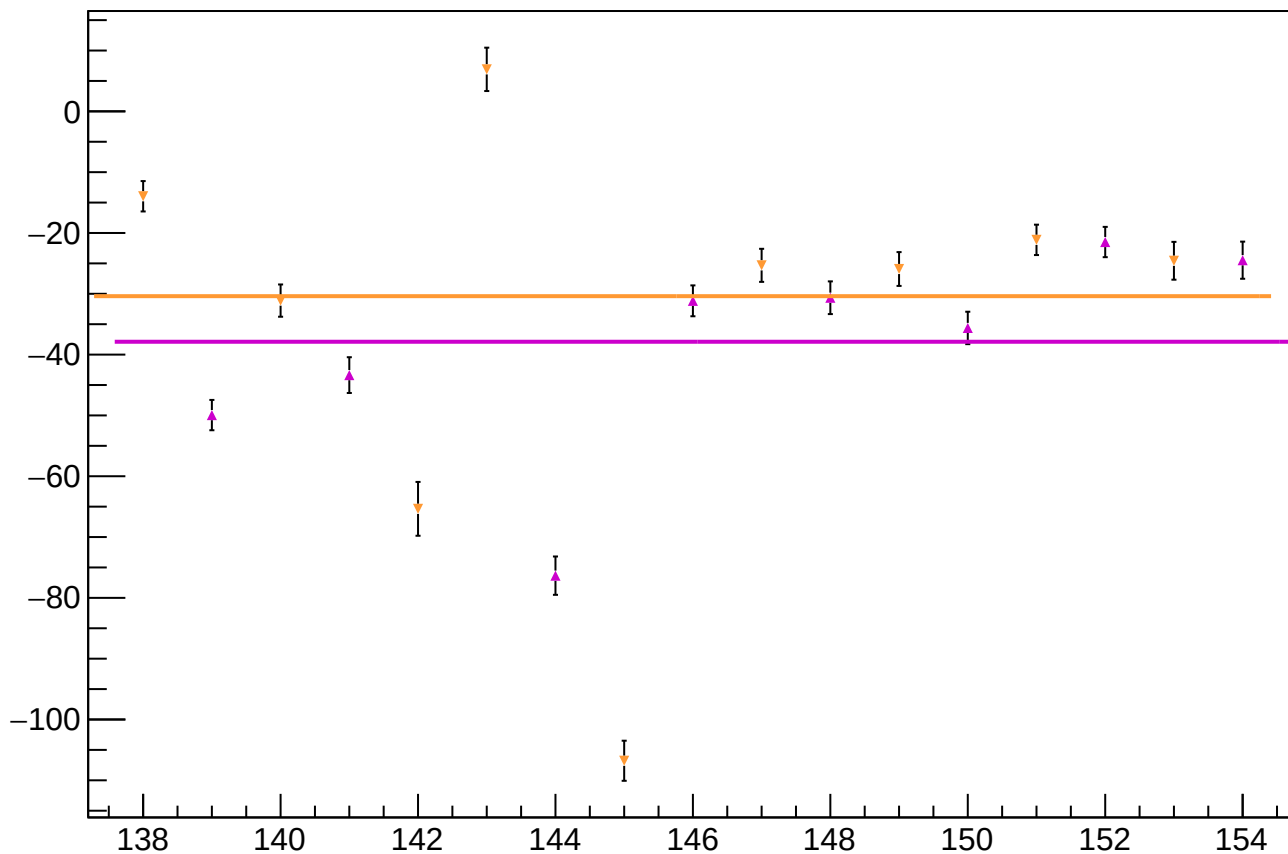
Right: -0.249+/-0.013 χ^2/NDF : 2203.9/34

In: 0.126+/-0.008 χ^2/NDF :1602.1/24

Out: 0.155+/-0.008 χ^2/NDF :2160.2/26

All: 0.140+/-0.005 χ^2/NDF : 3769.5/51

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.391+/-0.975 χ^2/NDF :775.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.885+/-0.962 χ^2/NDF :253.3/7

Left: -34.186+/-0.685 χ^2/NDF : 1058.8/16

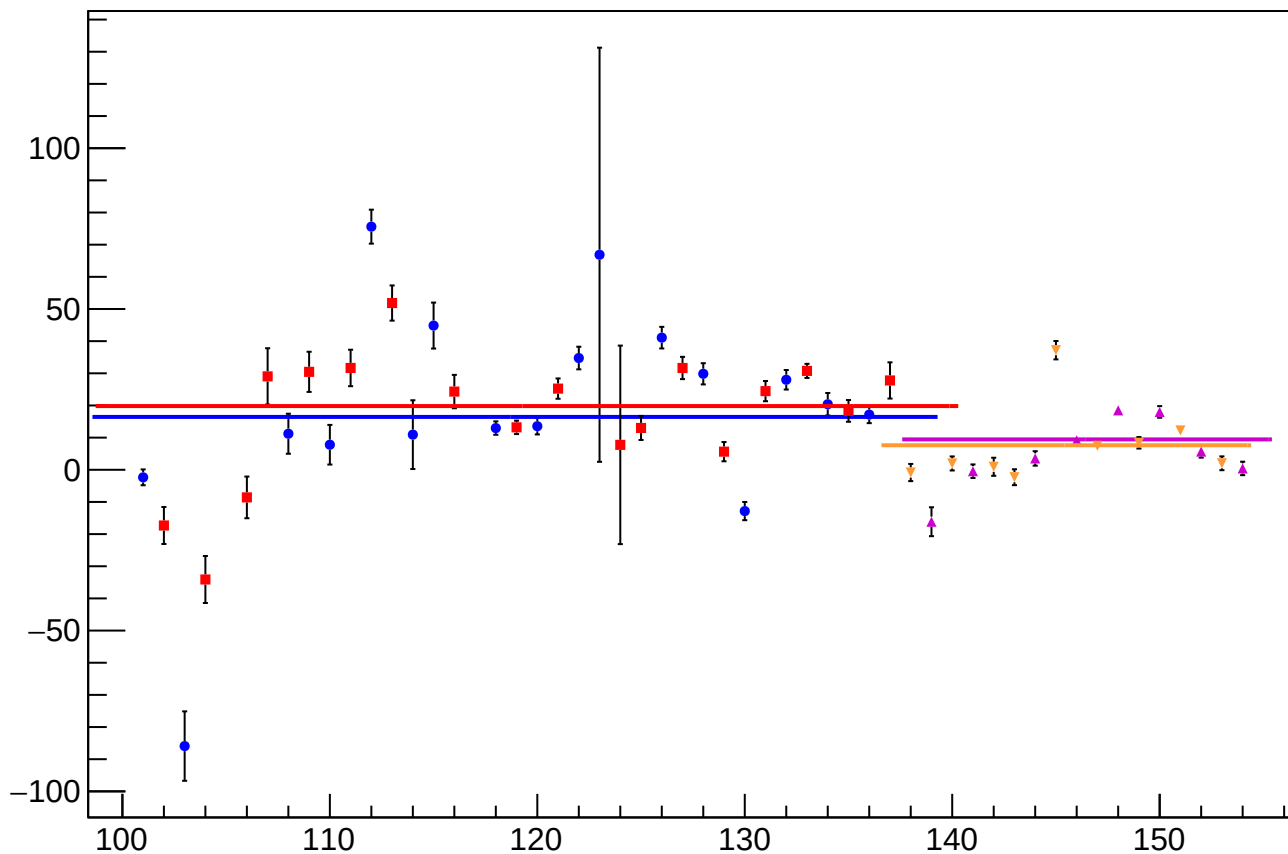
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.885+/-0.962 χ^2/NDF :253.3/7

Out: -30.391+/-0.975 χ^2/NDF :775.6/8

All: -34.186+/-0.685 χ^2/NDF : 1058.8/16

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 7.627 $\pm$ 0.647 χ^2 /NDF:163.2/8

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 9.447 $\pm$ 0.655 χ^2 /NDF:154.2/7

Left: 8.525 $\pm$ 0.460 χ^2 /NDF: 321.3/16

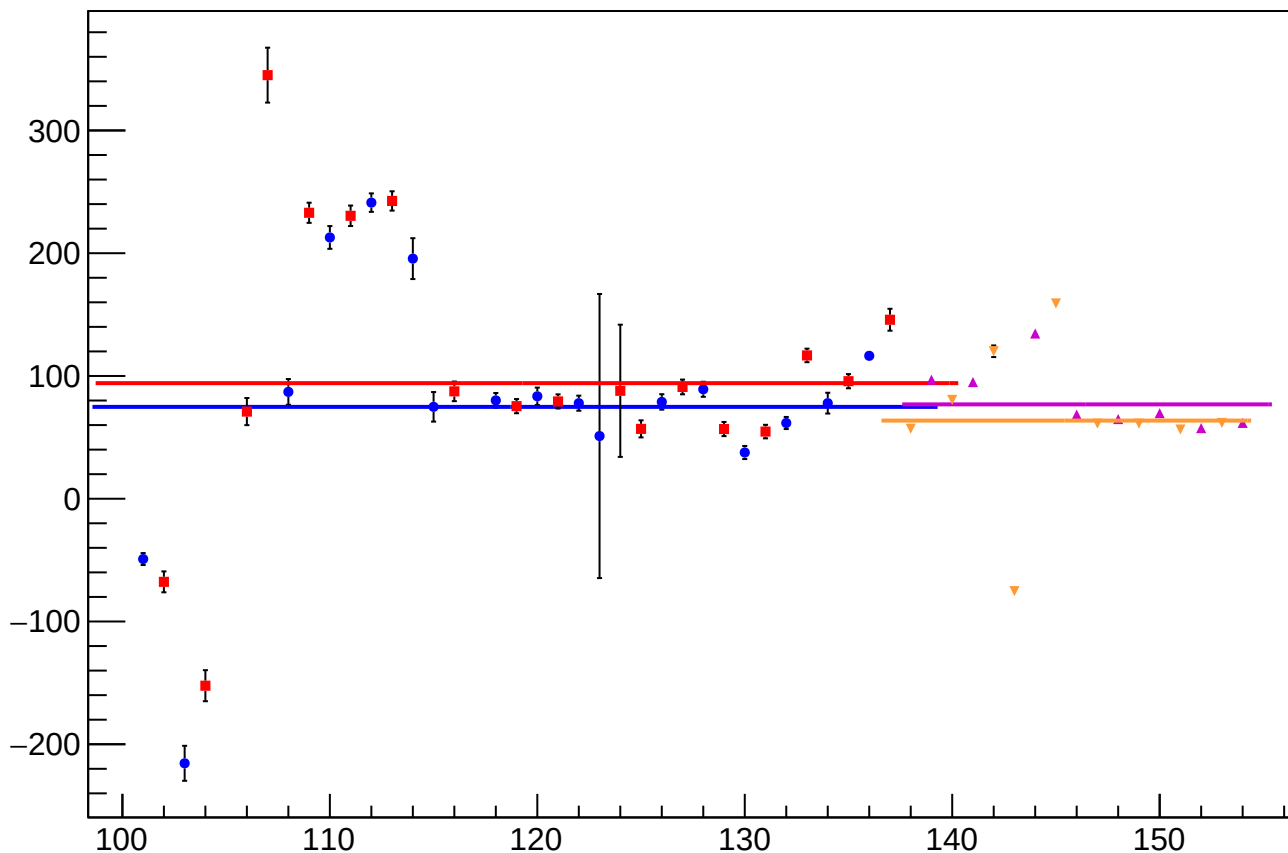
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 12.059 $\pm$ 0.519 χ^2 /NDF:713.7/24

Out: 11.782 $\pm$ 0.525 χ^2 /NDF:522.7/26

All: 11.922 $\pm$ 0.369 χ^2 /NDF: 1236.5/51

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.663 $\pm$ 0.972 χ^2 /NDF:2307.2/8

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 76.857 $\pm$ 0.947 χ^2 /NDF:519.0/7

Left: 70.431 $\pm$ 0.678 χ^2 /NDF: 2920.8/16

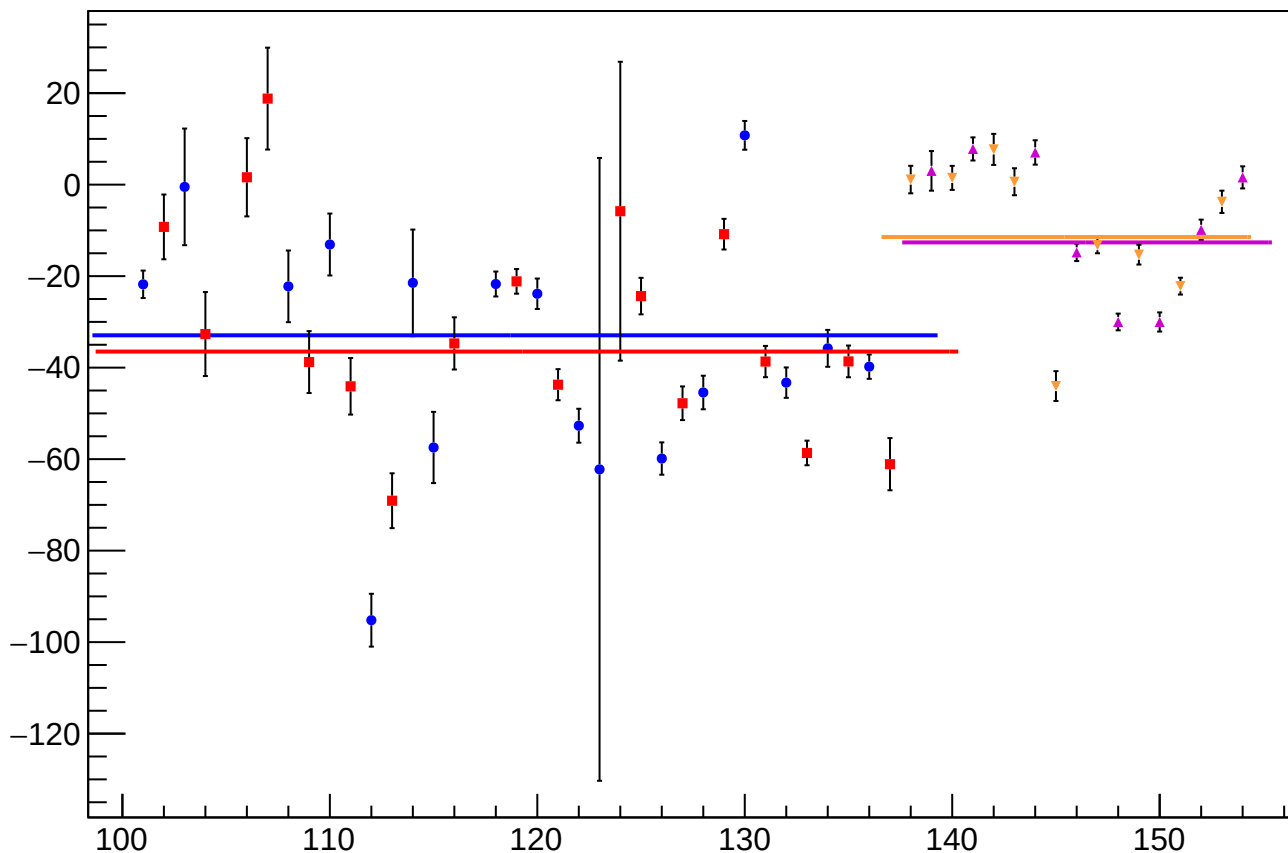
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 76.348 $\pm$ 0.820 χ^2 /NDF:2517.0/24

Out: 71.042 $\pm$ 0.846 χ^2 /NDF:4514.6/26

All: 73.779 $\pm$ 0.589 χ^2 /NDF: 7051.8/51

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 $\pm$ 0.973 χ^2/NDF : 490.7/16

Left Out: -11.449 $\pm$ 0.804 χ^2/NDF : 238.2/8

Right Out: -36.488 $\pm$ 1.027 χ^2/NDF : 293.2/17

Left In: -12.628 $\pm$ 0.809 χ^2/NDF : 329.9/7

Left: -12.035 $\pm$ 0.570 χ^2/NDF : 569.2/16

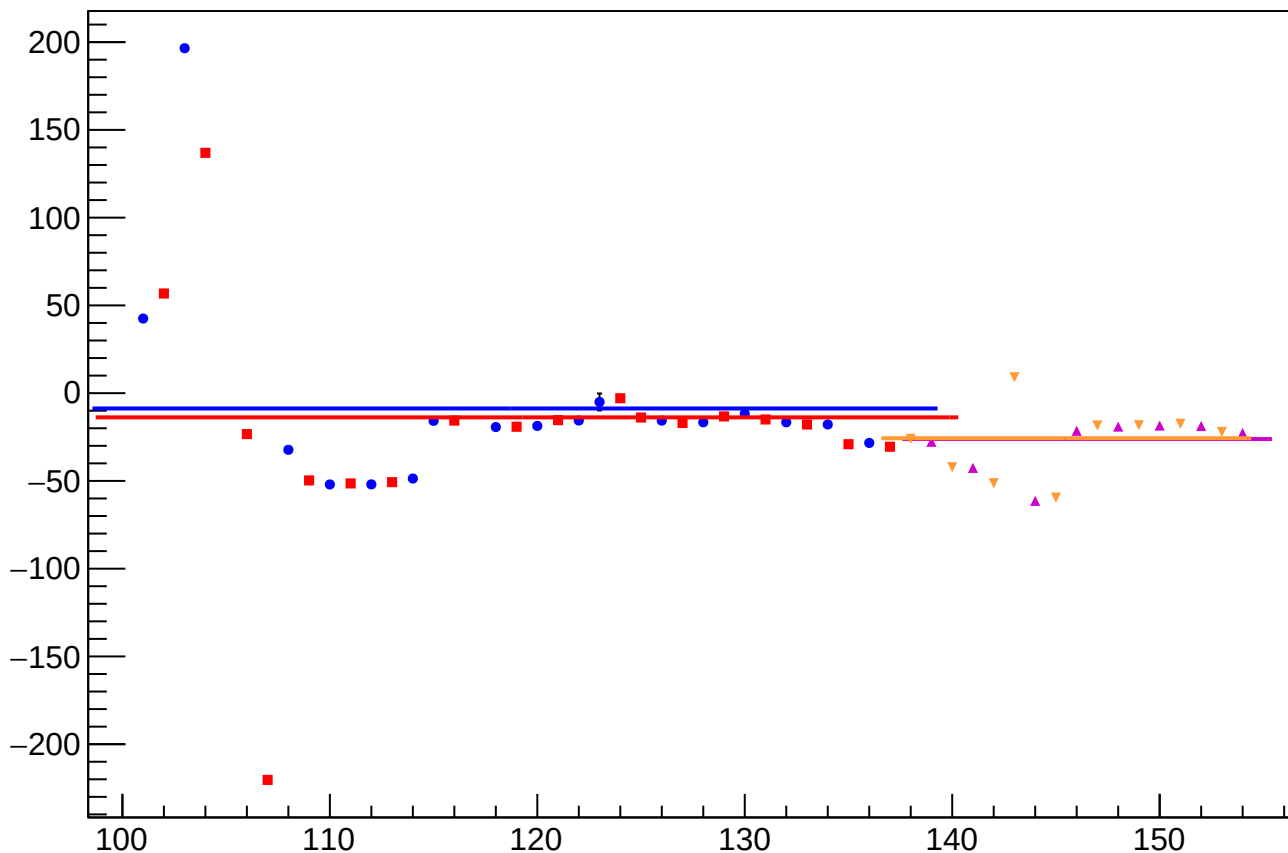
Right: -34.617 $\pm$ 0.706 χ^2/NDF : 790.3/34

In: -20.924 $\pm$ 0.622 χ^2/NDF : 1078.2/24

Out: -20.973 $\pm$ 0.633 χ^2/NDF : 900.0/26

All: -20.948 $\pm$ 0.444 χ^2/NDF : 1978.2/51

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -25.665 ± 0.040 χ^2/NDF : 166329.0/8

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -26.138 ± 0.038 χ^2/NDF : 92730.6/7

Left: -25.913 ± 0.028 χ^2/NDF : 259132.0/16

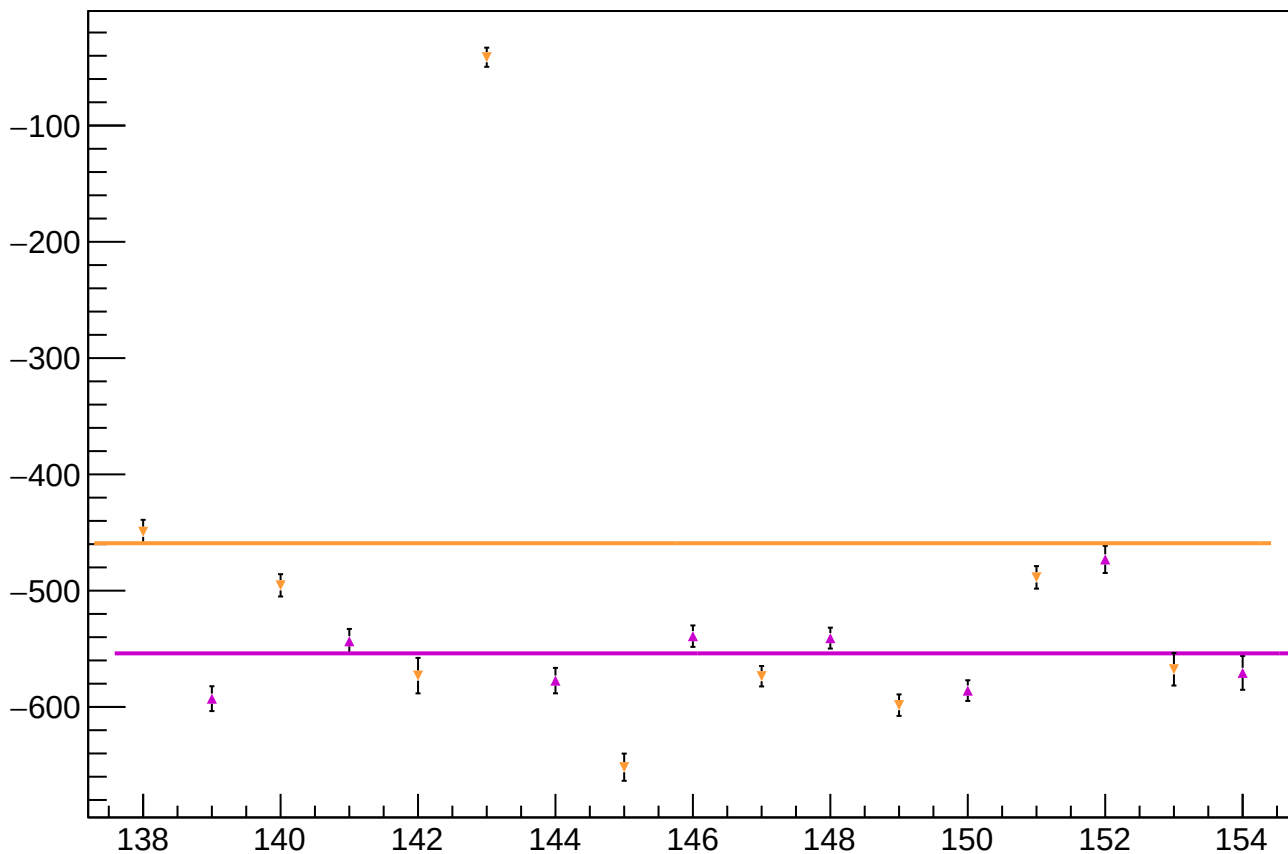
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -20.963 ± 0.032 χ^2/NDF : 730081.7/24

Out: -22.158 ± 0.034 χ^2/NDF : 741461.7/26

All: -21.531 ± 0.023 χ^2/NDF : 1472201.7/51

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -459.201+/-3.388 χ^2/NDF :3389.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -553.920+/-3.655 χ^2/NDF :85.6/7

Left: -502.969+/-2.485 χ^2/NDF : 3836.6/16

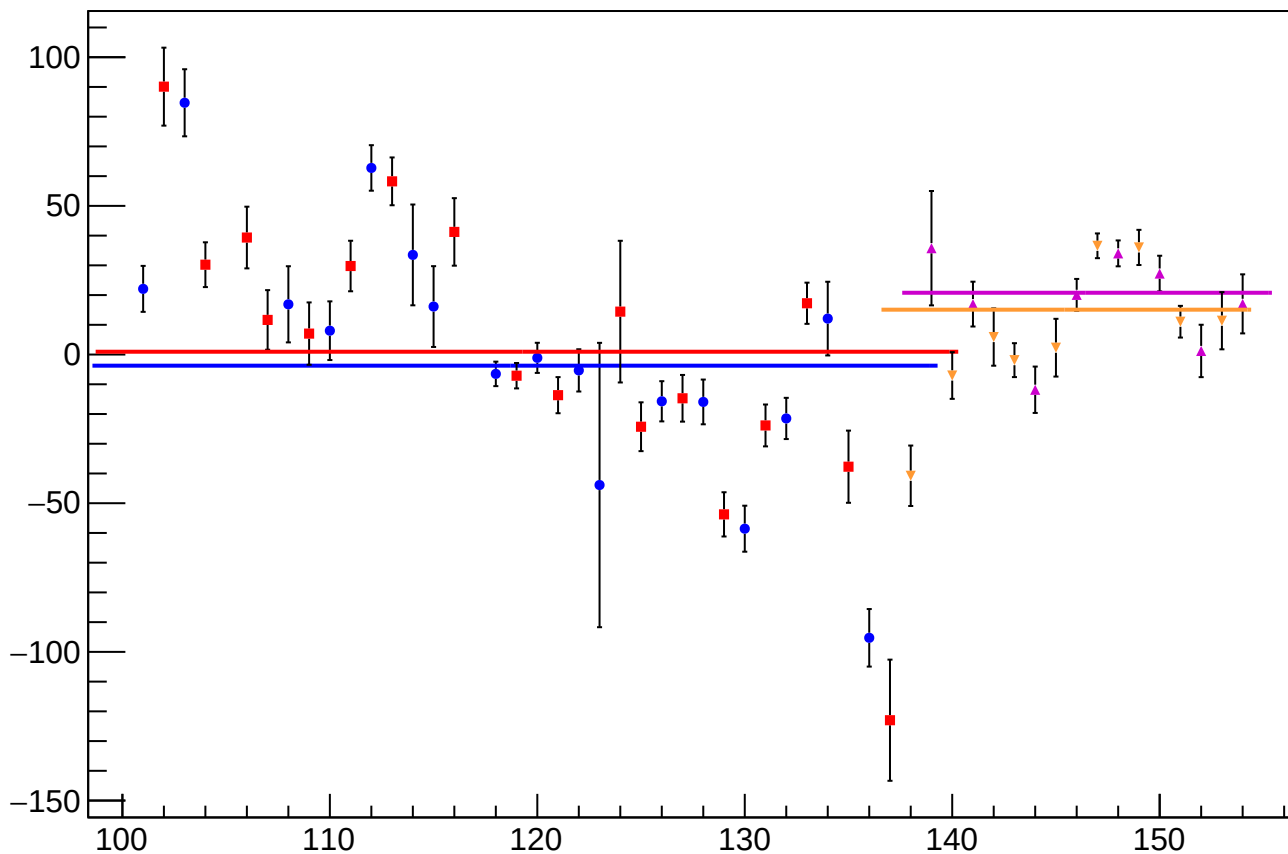
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -553.920+/-3.655 χ^2/NDF :85.6/7

Out: -459.201+/-3.388 χ^2/NDF :3389.9/8

All: -502.969+/-2.485 χ^2/NDF : 3836.6/16

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 $\chi^2/\text{NDF}: 314.1/16$

Left Out: 15.090 ± 2.181 $\chi^2/\text{NDF}: 89.6/8$

Right Out: 0.948 ± 1.918 $\chi^2/\text{NDF}: 293.7/17$

Left In: 20.780 ± 2.389 $\chi^2/\text{NDF}: 33.9/7$

Left: 17.675 ± 1.611 $\chi^2/\text{NDF}: 126.5/16$

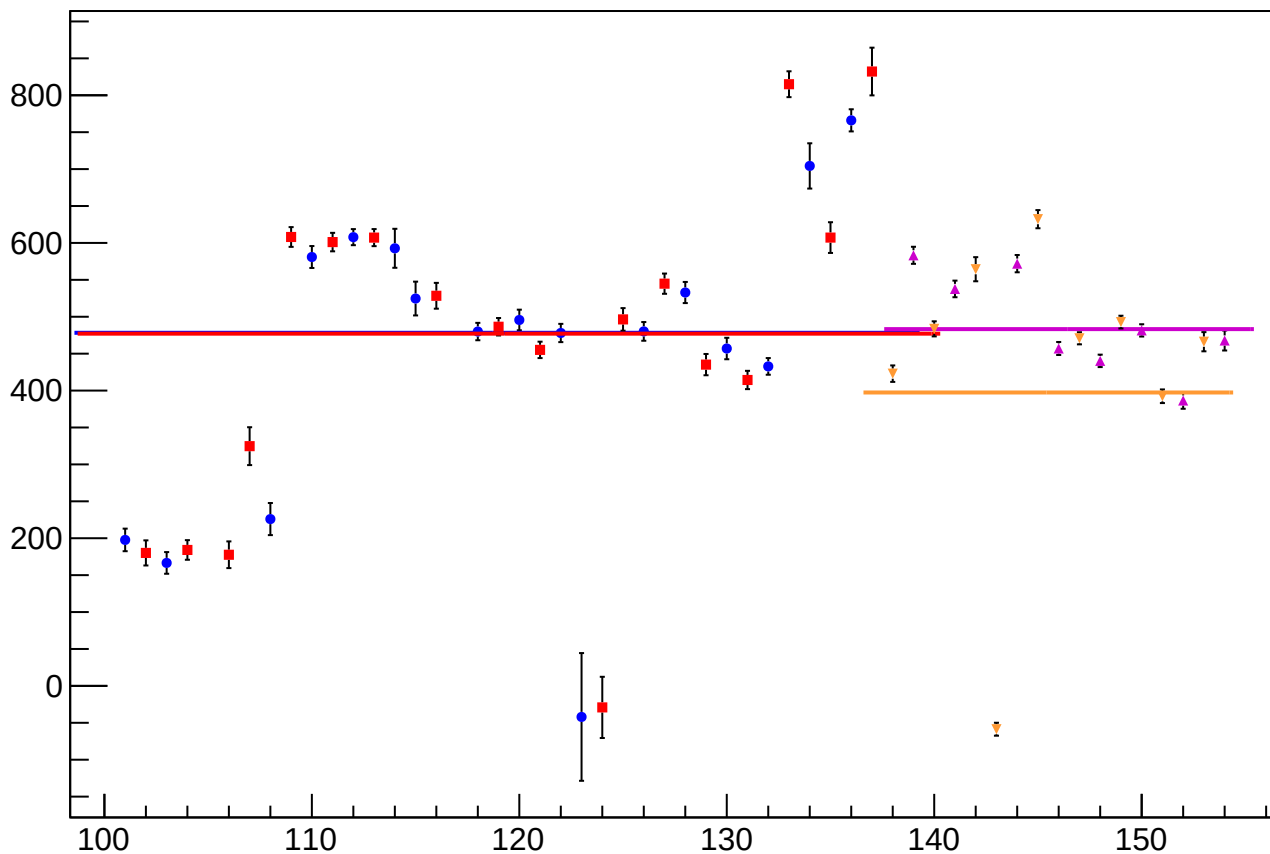
Right: -1.430 ± 1.347 $\chi^2/\text{NDF}: 610.8/34$

In: 5.707 ± 1.483 $\chi^2/\text{NDF}: 412.7/24$

Out: 7.117 ± 1.440 $\chi^2/\text{NDF}: 407.0/26$

All: 6.433 ± 1.033 $\chi^2/\text{NDF}: 820.1/51$

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 397.409+/-3.392 χ^2/NDF : 3477.9/8

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 483.255+/-3.592 χ^2/NDF : 266.3/7

Left: 437.881+/-2.466 χ^2/NDF : 4046.1/16

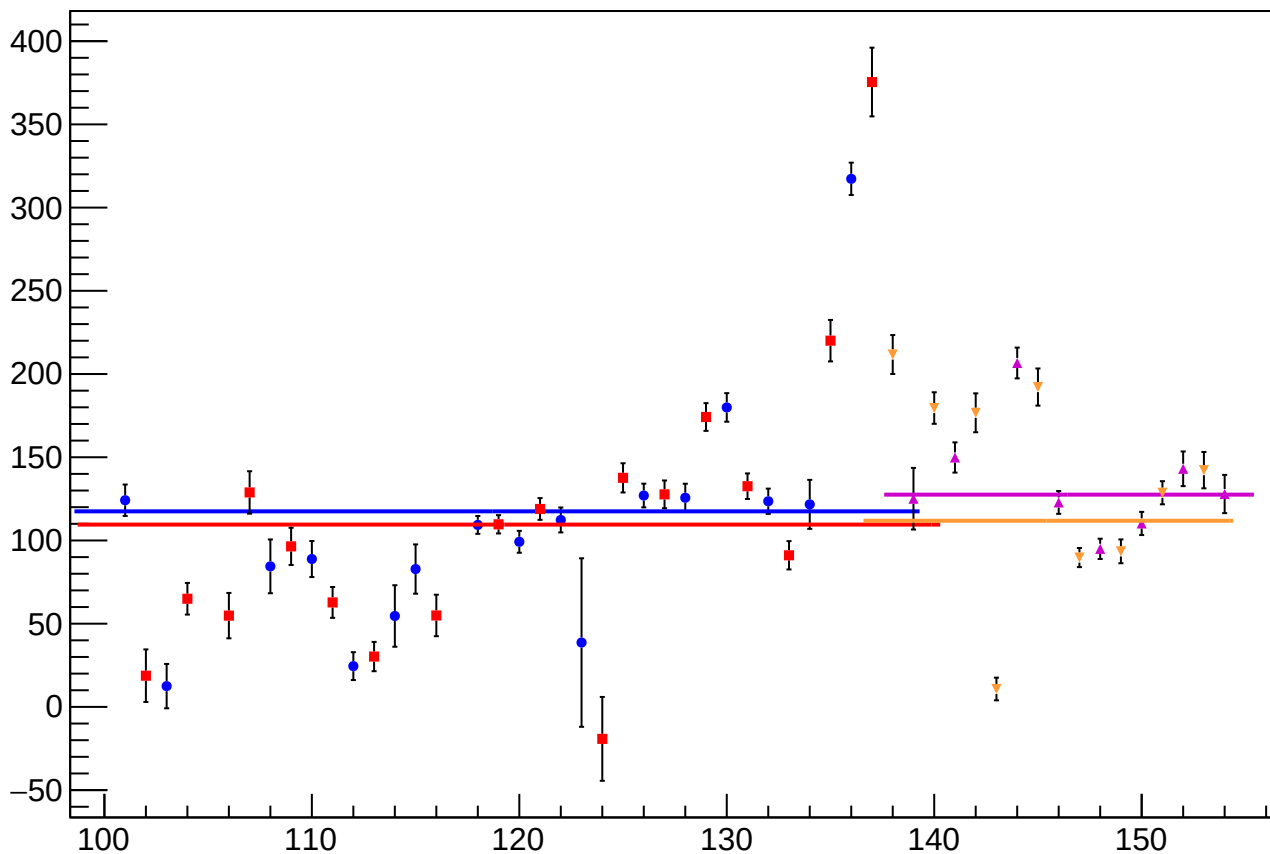
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 480.792+/-2.556 χ^2/NDF : 1895.2/24

Out: 435.542+/-2.450 χ^2/NDF : 5917.8/26

All: 457.207+/-1.769 χ^2/NDF : 7976.3/51

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 111.847 ± 2.728 $\chi^2/\text{NDF}: 461.6/8$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 127.533 ± 2.983 $\chi^2/\text{NDF}: 116.7/7$

Left: 118.992 ± 2.013 $\chi^2/\text{NDF}: 593.4/16$

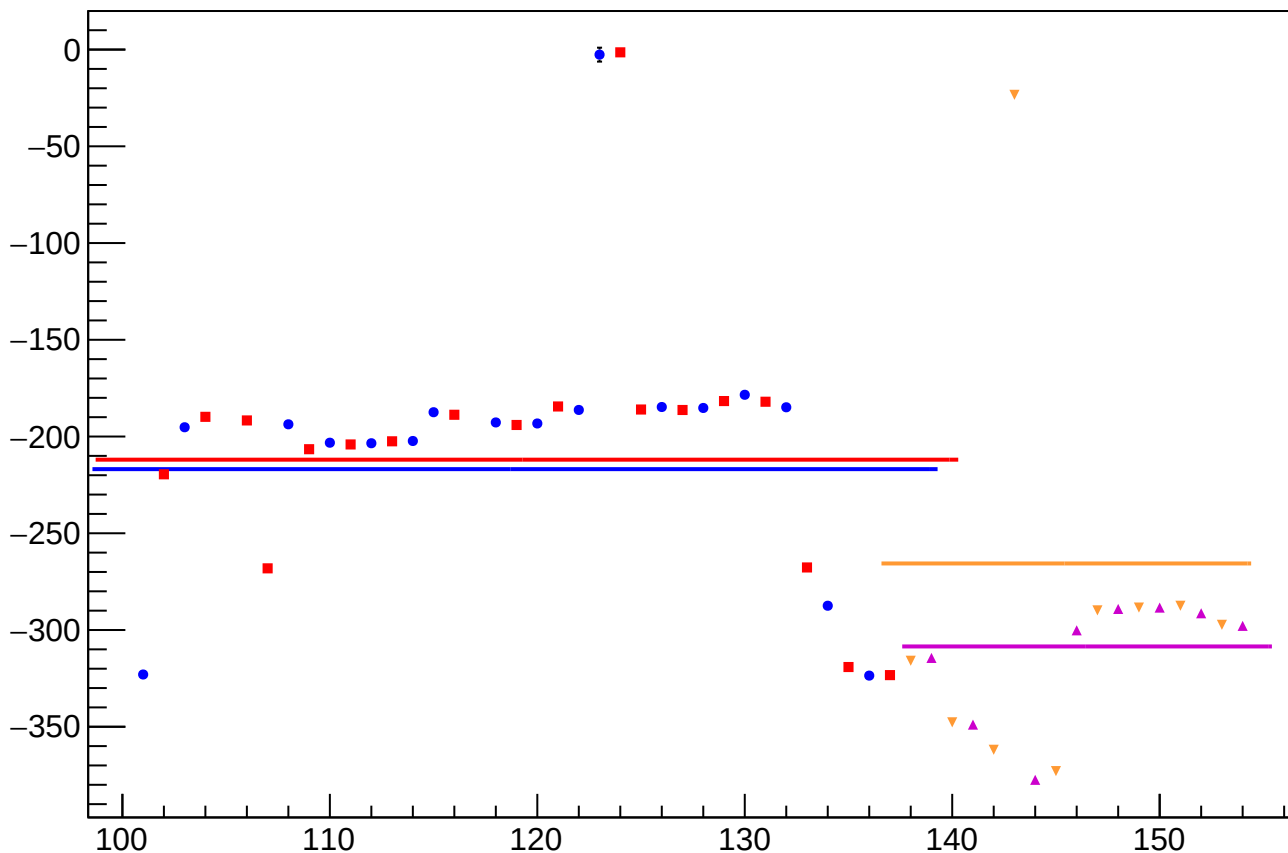
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 121.031 ± 1.769 $\chi^2/\text{NDF}: 829.9/24$

Out: 110.451 ± 1.716 $\chi^2/\text{NDF}: 1024.3/26$

All: 115.581 ± 1.232 $\chi^2/\text{NDF}: 1872.6/51$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -265.607 ± 0.142 $\chi^2/\text{NDF}: 605045.0/8$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -308.498 ± 0.148 $\chi^2/\text{NDF}: 34678.5/7$

Left: -286.234 ± 0.103 $\chi^2/\text{NDF}: 683407.1/16$

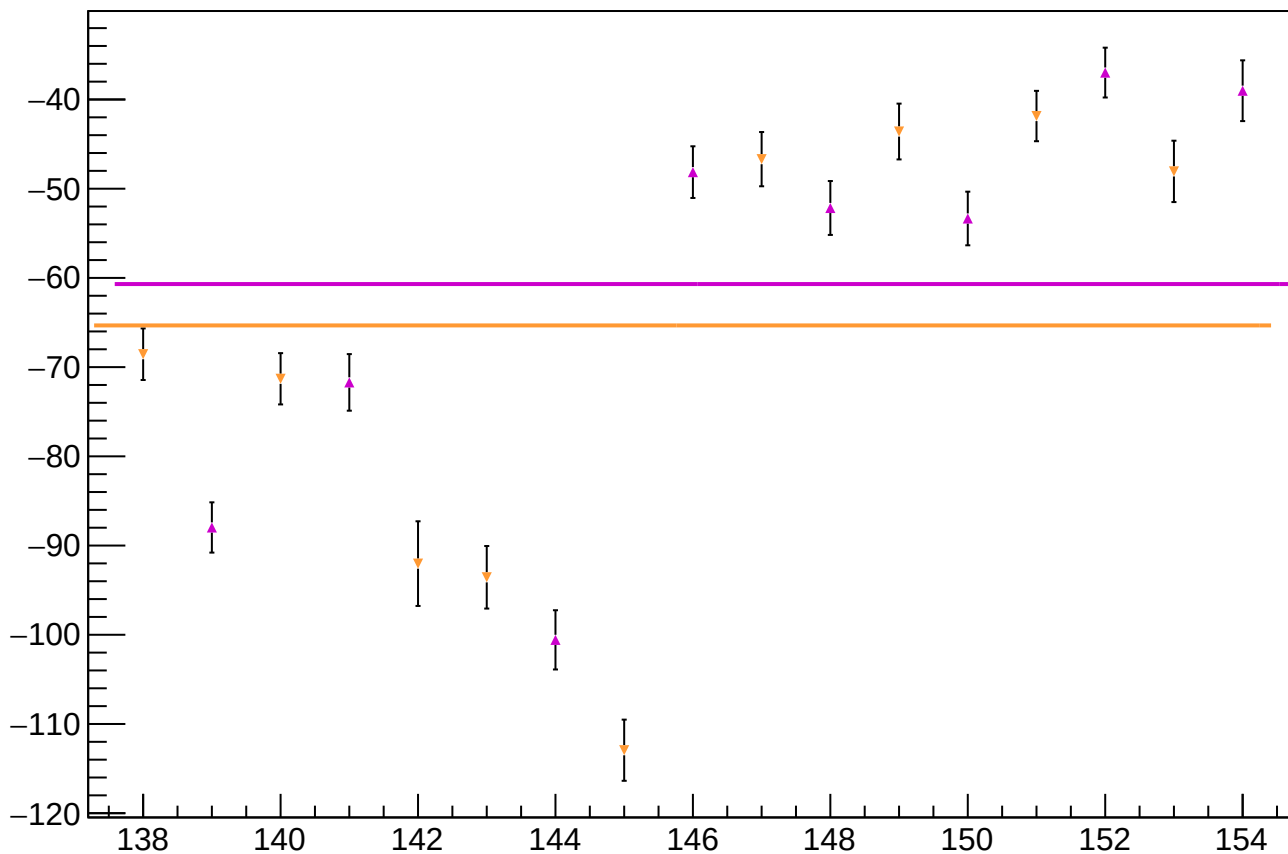
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -258.809 ± 0.100 $\chi^2/\text{NDF}: 389912.9/24$

Out: -236.498 ± 0.096 $\chi^2/\text{NDF}: 794245.1/26$

All: -247.223 ± 0.069 $\chi^2/\text{NDF}: 1209989.3/51$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.325+/-1.071 χ^2/NDF :475.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -60.689+/-1.072 χ^2/NDF :395.4/7

Left: -63.009+/-0.758 χ^2/NDF : 879.9/16

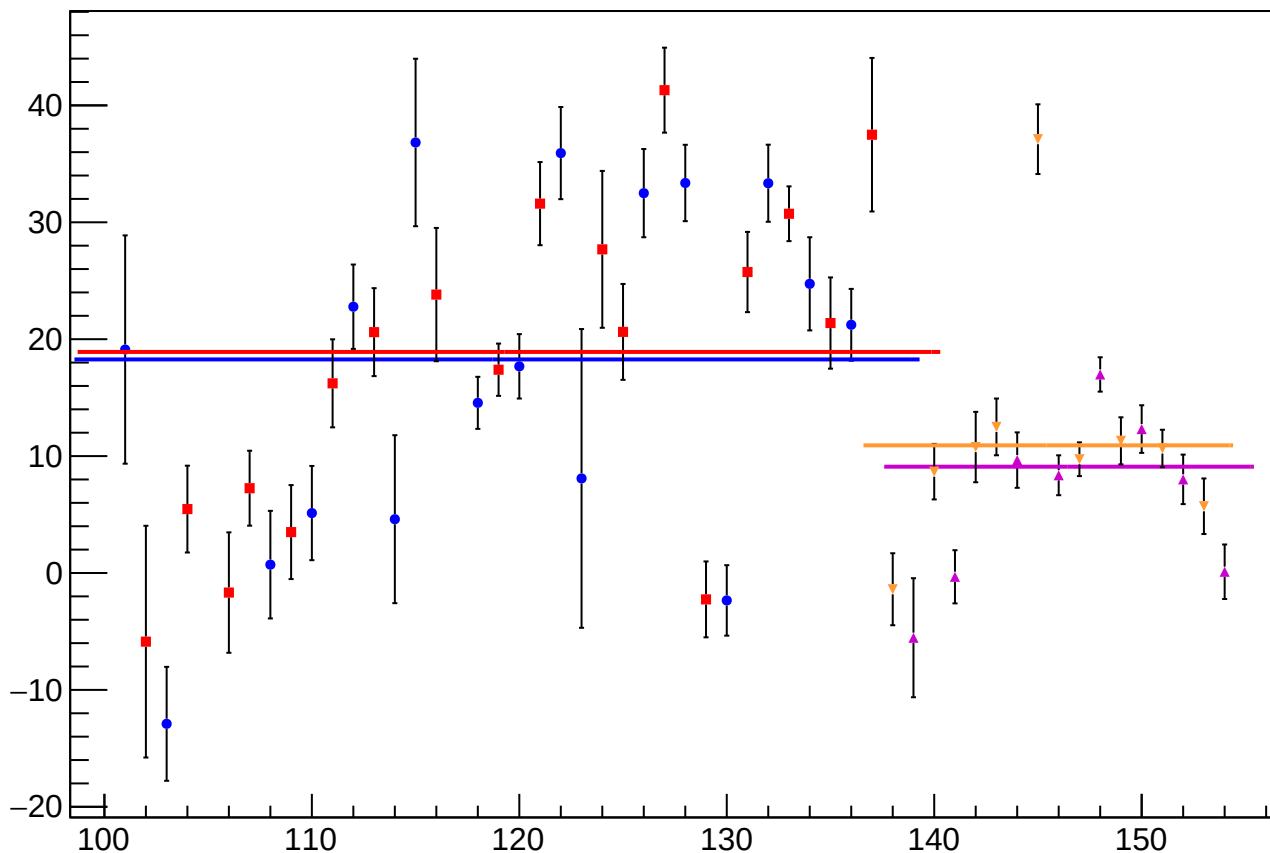
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.689+/-1.072 χ^2/NDF :395.4/7

Out: -65.325+/-1.071 χ^2/NDF :475.2/8

All: -63.009+/-0.758 χ^2/NDF : 879.9/16

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 10.919 ± 0.713 $\chi^2/\text{NDF}: 100.0/8$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 9.093 ± 0.732 $\chi^2/\text{NDF}: 72.1/7$

Left: 10.031 ± 0.511 $\chi^2/\text{NDF}: 175.3/16$

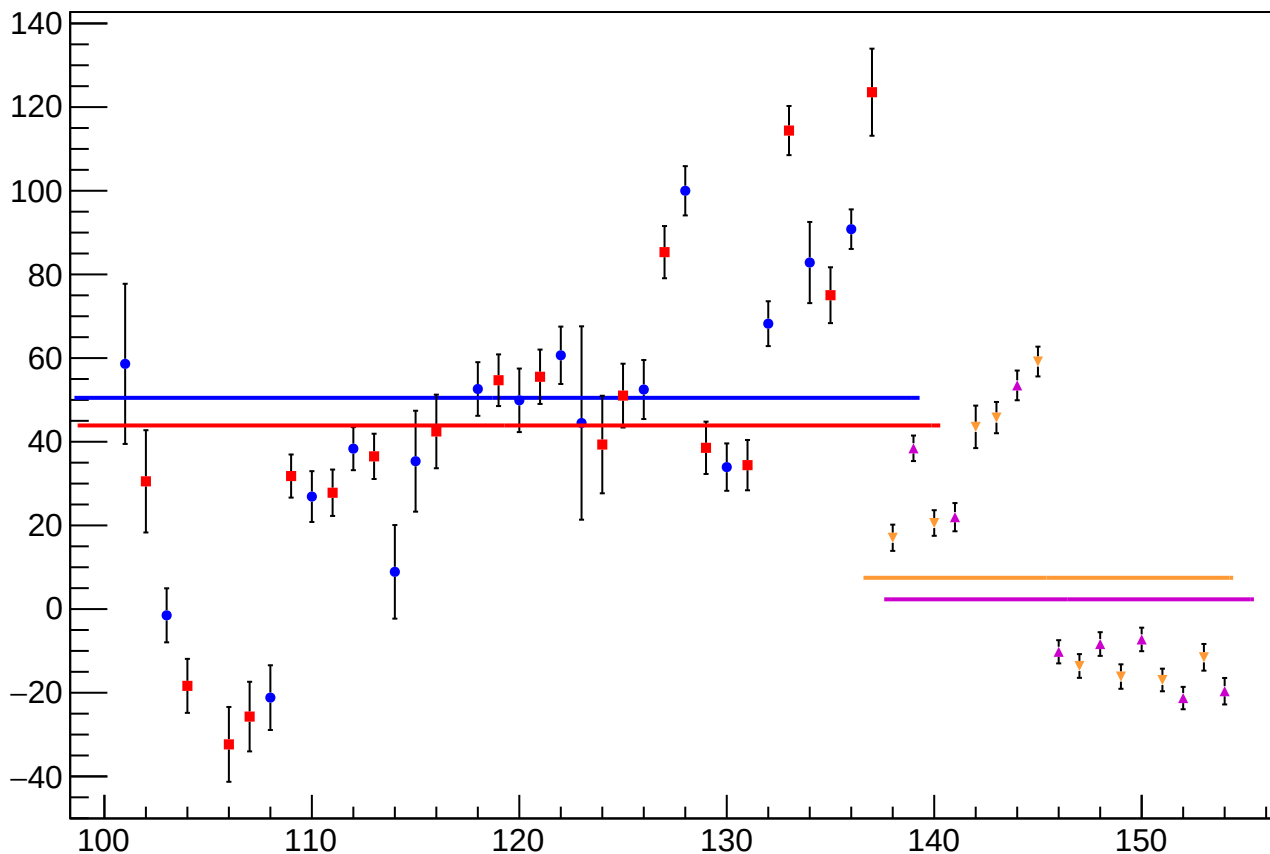
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 12.715 ± 0.570 $\chi^2/\text{NDF}: 342.4/24$

Out: 14.153 ± 0.550 $\chi^2/\text{NDF}: 349.0/26$

All: 13.460 ± 0.396 $\chi^2/\text{NDF}: 694.7/51$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 7.479 $\pm$ 1.070 χ^2 /NDF: 631.2/8

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 2.331 $\pm$ 1.057 χ^2 /NDF: 553.7/7

Left: 4.873 $\pm$ 0.752 χ^2 /NDF: 1196.6/16

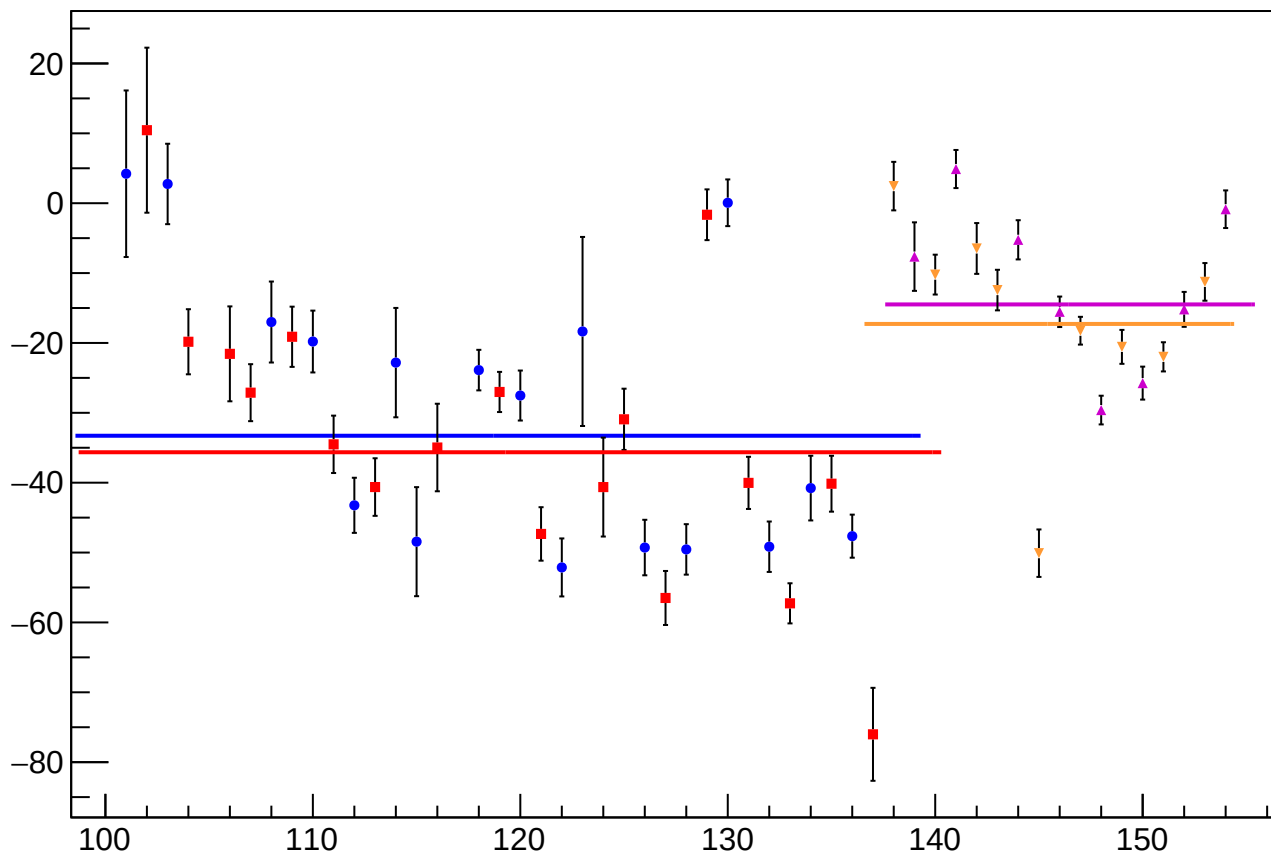
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 16.094 $\pm$ 0.893 χ^2 /NDF: 1510.5/24

Out: 18.697 $\pm$ 0.890 χ^2 /NDF: 1519.7/26

All: 17.400 $\pm$ 0.630 χ^2 /NDF: 3034.4/51

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -17.279 ± 0.885 χ^2/NDF : 155.5/8

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -14.486 ± 0.902 χ^2/NDF : 166.2/7

Left: -15.910 ± 0.632 χ^2/NDF : 326.5/16

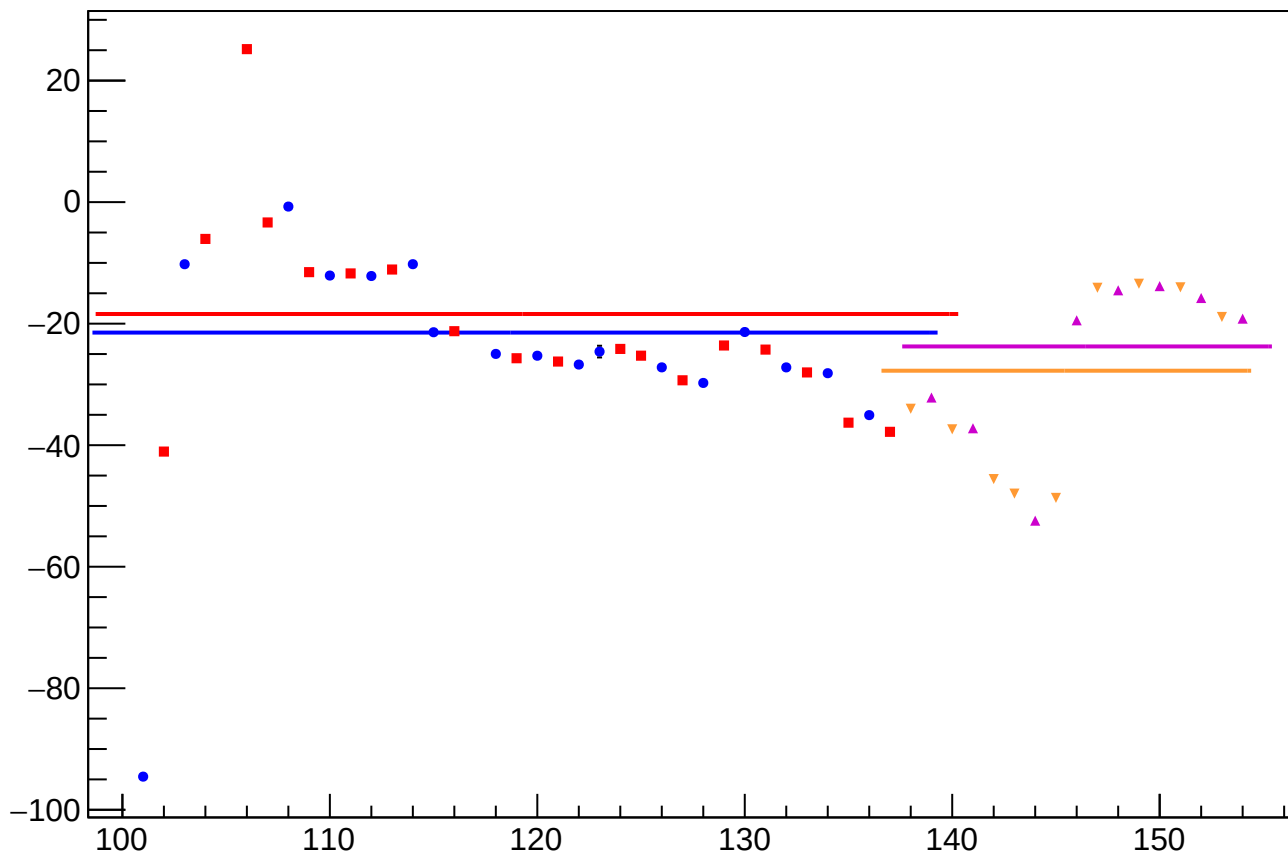
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -22.605 ± 0.680 χ^2/NDF : 646.5/24

Out: -25.411 ± 0.661 χ^2/NDF : 630.7/26

All: -24.049 ± 0.474 χ^2/NDF : 1285.9/51

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: -27.743 ± 0.044 $\chi^2/\text{NDF}: 98909.8/8$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -23.749 ± 0.043 $\chi^2/\text{NDF}: 71066.3/7$

Left: -25.677 ± 0.031 $\chi^2/\text{NDF}: 174195.7/16$

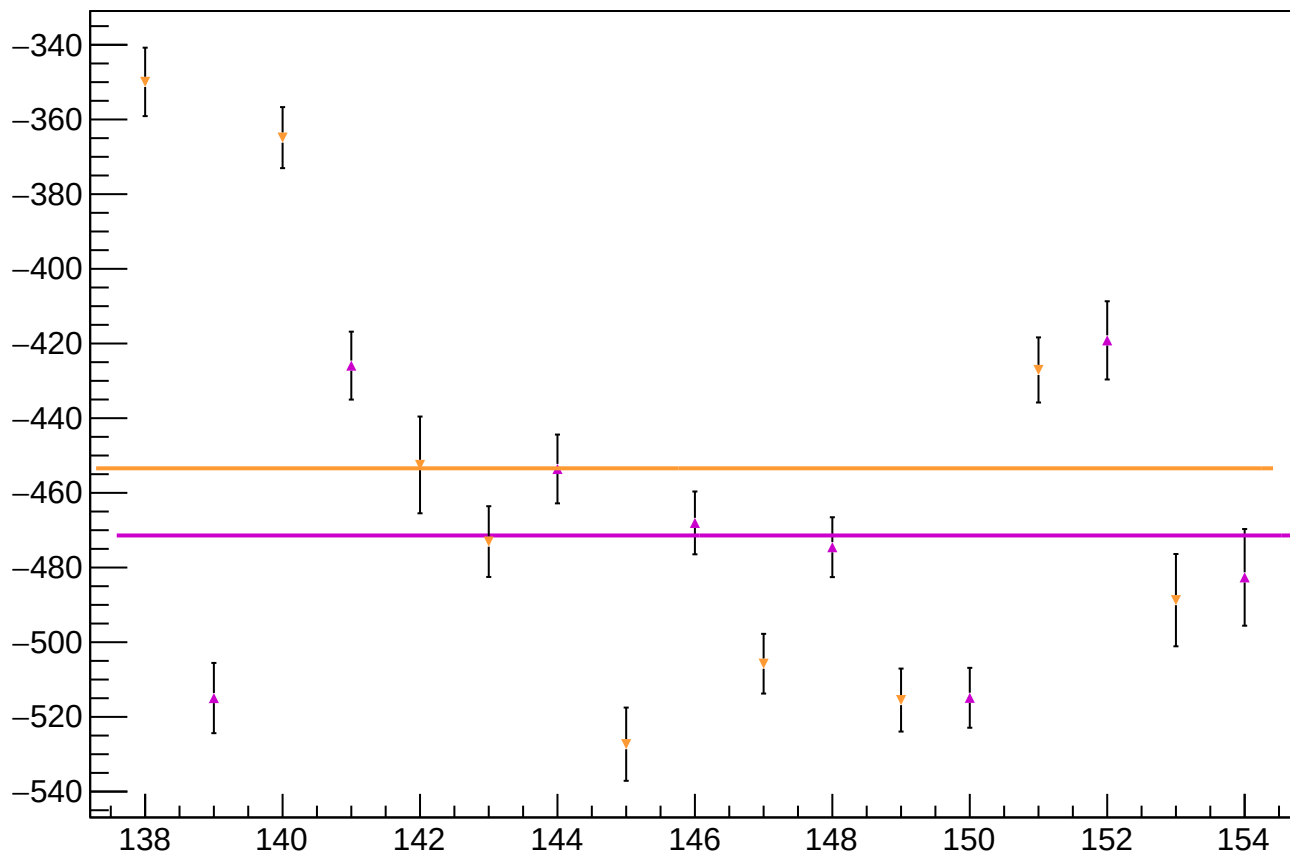
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -22.960 ± 0.035 $\chi^2/\text{NDF}: 121031.3/24$

Out: -24.265 ± 0.035 $\chi^2/\text{NDF}: 193089.2/26$

All: -23.604 ± 0.025 $\chi^2/\text{NDF}: 314824.0/51$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -453.427+/-3.104 χ^2/NDF :420.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -471.410+/-3.236 χ^2/NDF :105.5/7

Left: -462.044+/-2.240 χ^2/NDF : 541.8/16

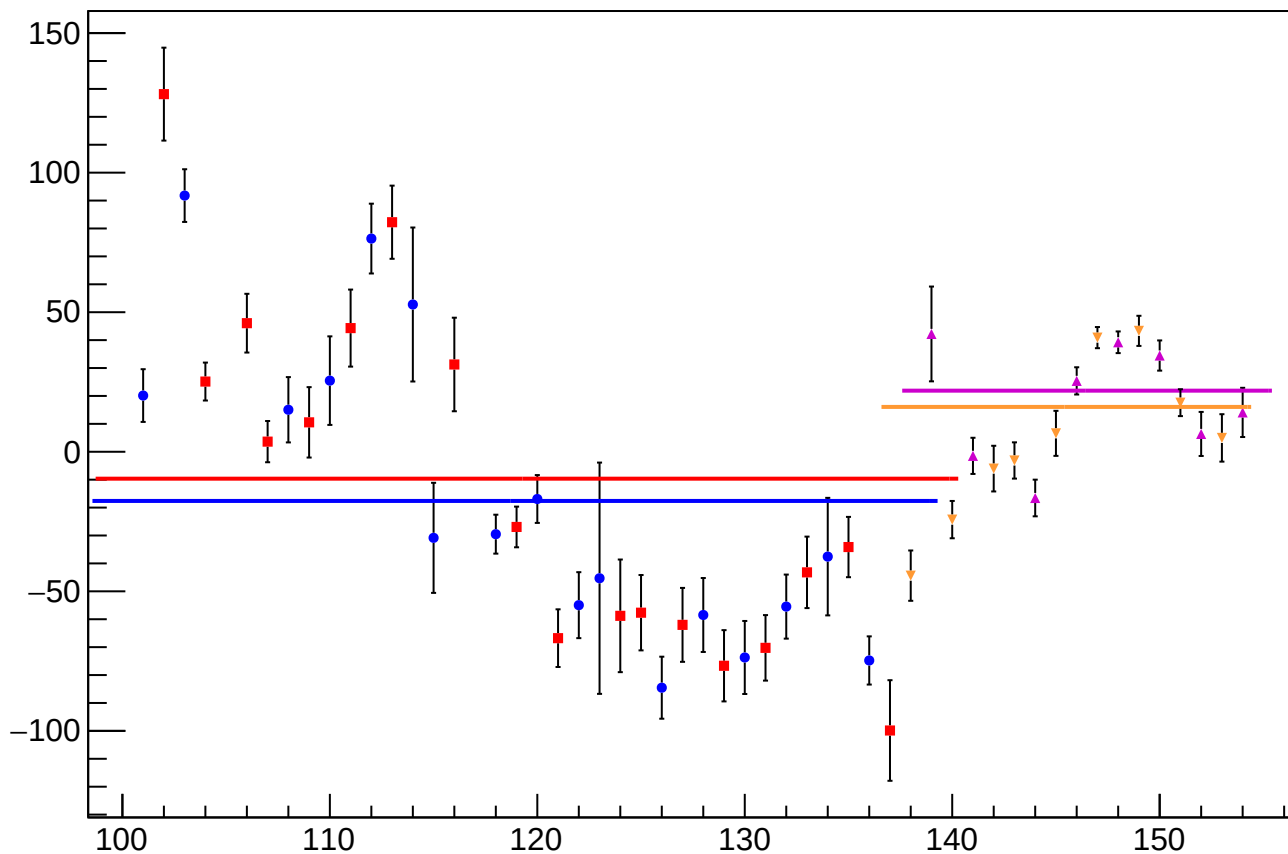
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -471.410+/-3.236 χ^2/NDF :105.5/7

Out: -453.427+/-3.104 χ^2/NDF :420.2/8

All: -462.044+/-2.240 χ^2/NDF : 541.8/16

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: 16.067 ± 2.001 $\chi^2/\text{NDF}: 169.1/8$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 21.894 ± 2.123 $\chi^2/\text{NDF}: 79.2/7$

Left: 18.808 ± 1.456 $\chi^2/\text{NDF}: 252.3/16$

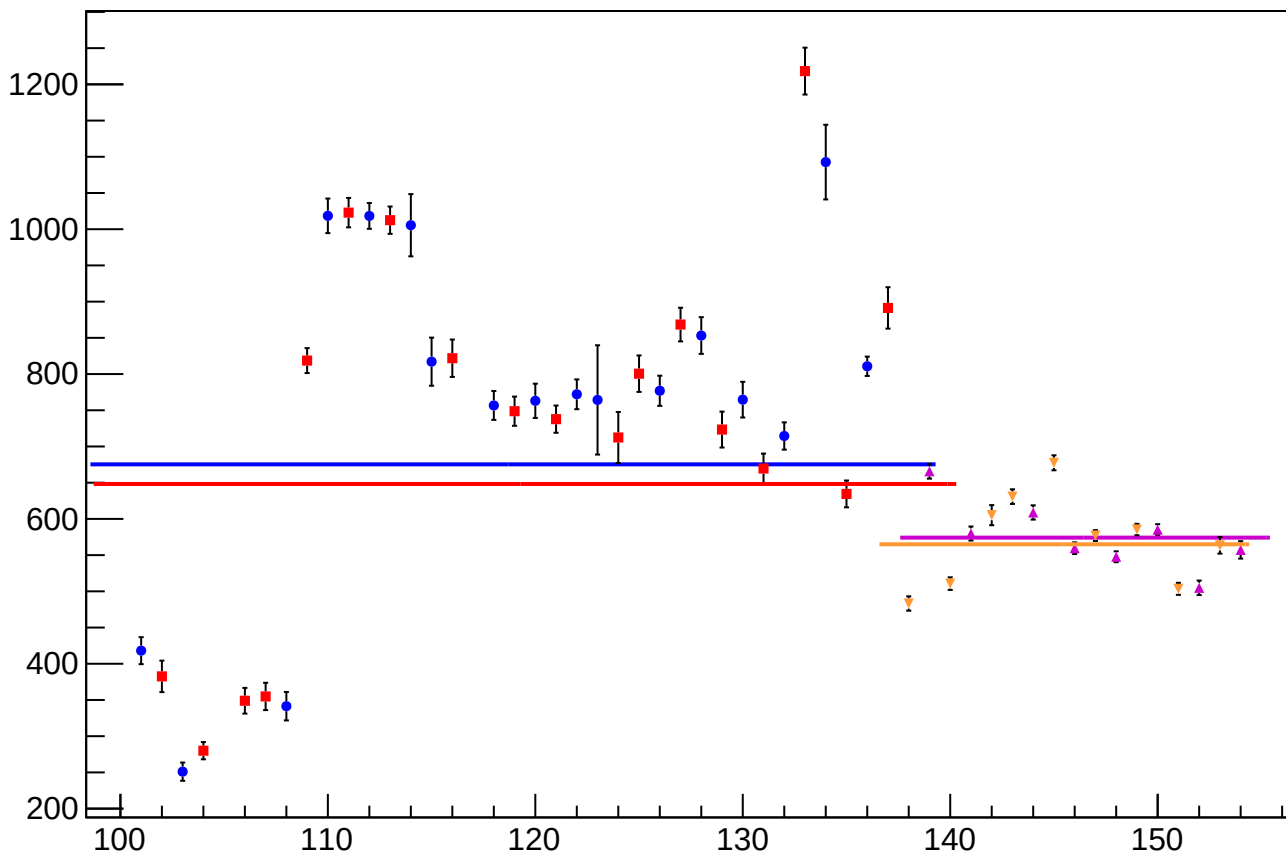
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 7.381 ± 1.689 $\chi^2/\text{NDF}: 568.5/24$

Out: 6.563 ± 1.589 $\chi^2/\text{NDF}: 590.8/26$

All: 6.947 ± 1.157 $\chi^2/\text{NDF}: 1159.4/51$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 564.979 ± 3.104 χ^2/NDF : 339.9/8

Right Out: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 574.149 ± 3.187 χ^2/NDF : 161.3/7

Left: 569.442 ± 2.224 χ^2/NDF : 505.4/16

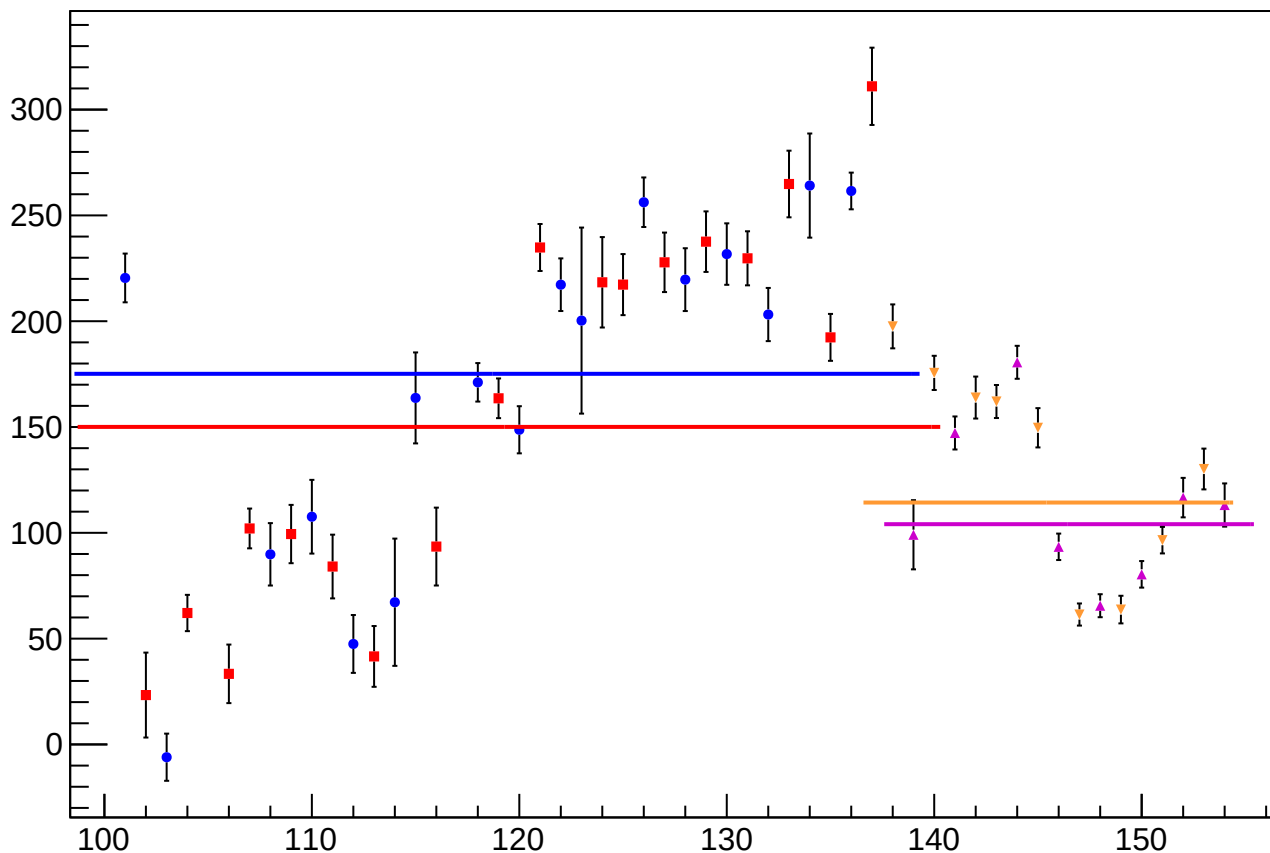
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 603.010 ± 2.695 χ^2/NDF : 3031.4/24

Out: 589.708 ± 2.602 χ^2/NDF : 3612.6/26

All: 596.127 ± 1.872 χ^2/NDF : 6656.6/51

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 114.314 ± 2.507 $\chi^2/\text{NDF}: 372.1/8$

Right Out: 150.054 ± 3.045 $\chi^2/\text{NDF}: 686.2/17$

Left In: 104.086 ± 2.648 $\chi^2/\text{NDF}: 197.1/7$

Left: 109.480 ± 1.820 $\chi^2/\text{NDF}: 577.1/16$

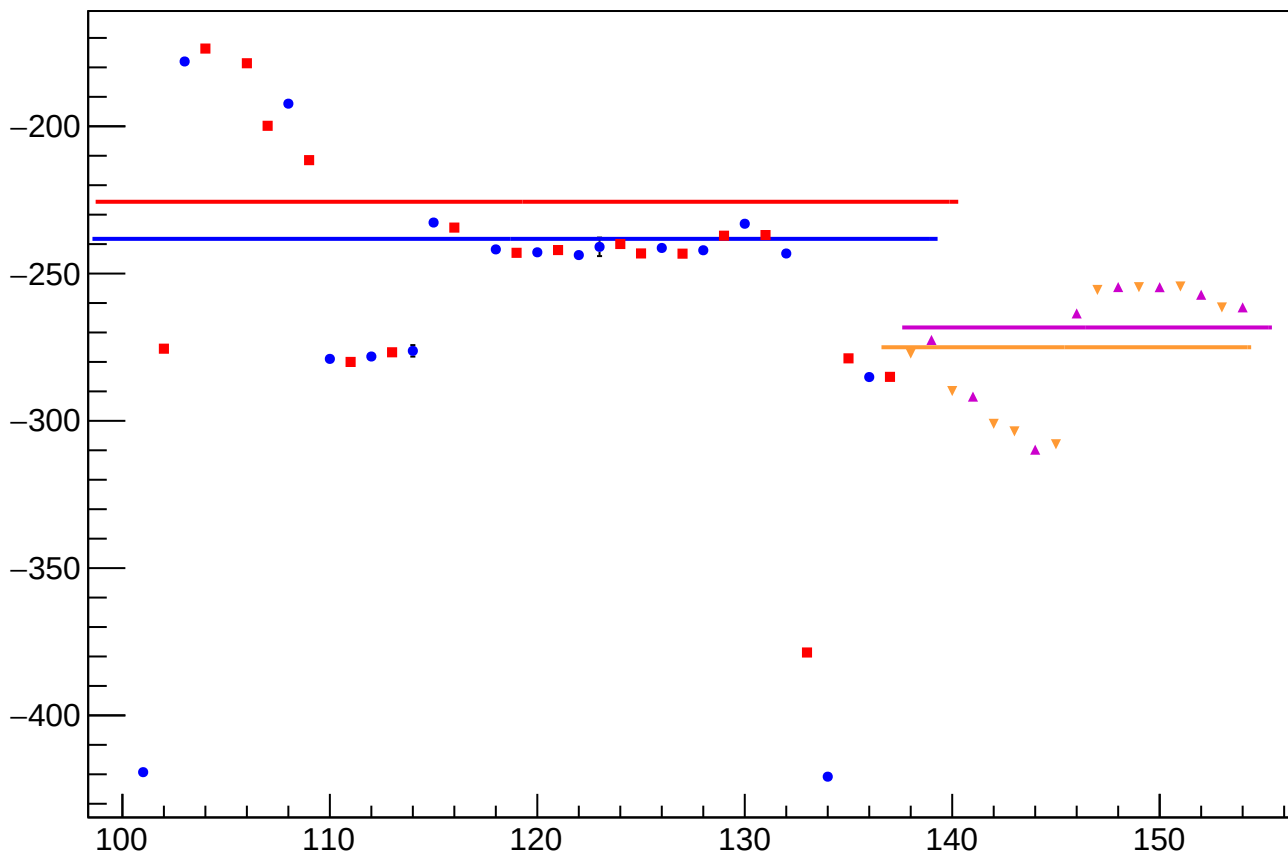
Right: 161.941 ± 2.209 $\chi^2/\text{NDF}: 1354.0/34$

In: 132.867 ± 2.043 $\chi^2/\text{NDF}: 1124.4/24$

Out: 128.749 ± 1.935 $\chi^2/\text{NDF}: 1140.4/26$

All: 130.697 ± 1.405 $\chi^2/\text{NDF}: 2267.0/51$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -275.013+/-0.130 χ^2/NDF : 26124.6/8

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -268.297+/-0.131 χ^2/NDF : 17866.0/7

Left: -271.672+/-0.092 χ^2/NDF : 45309.3/16

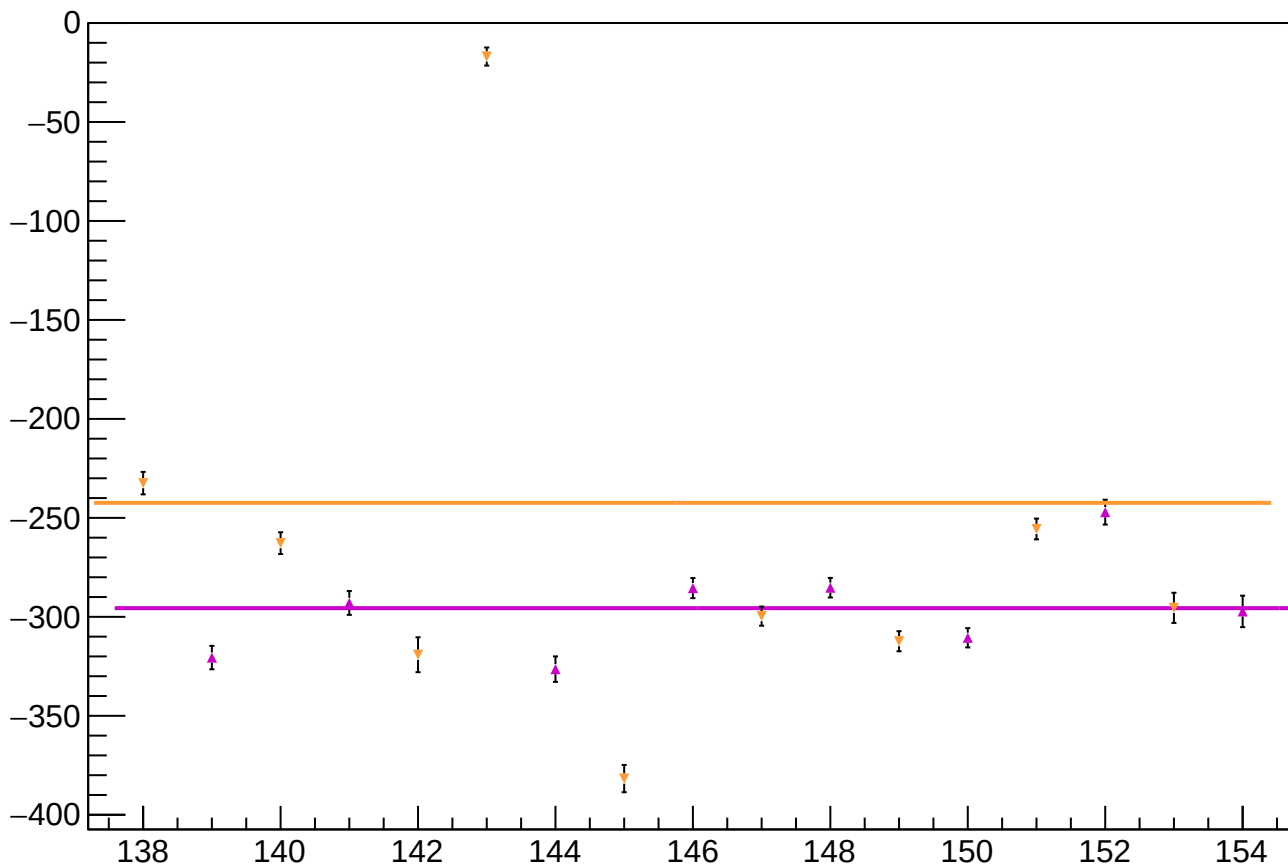
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.218+/-0.101 χ^2/NDF : 206099.8/24

Out: -253.997+/-0.099 χ^2/NDF : 182572.9/26

All: -255.079+/-0.071 χ^2/NDF : 388918.7/51

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: -242.411+/-1.887 χ^2/NDF :3326.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -295.612+/-2.029 χ^2/NDF :118.2/7

Left: -267.078+/-1.382 χ^2/NDF : 3813.6/16

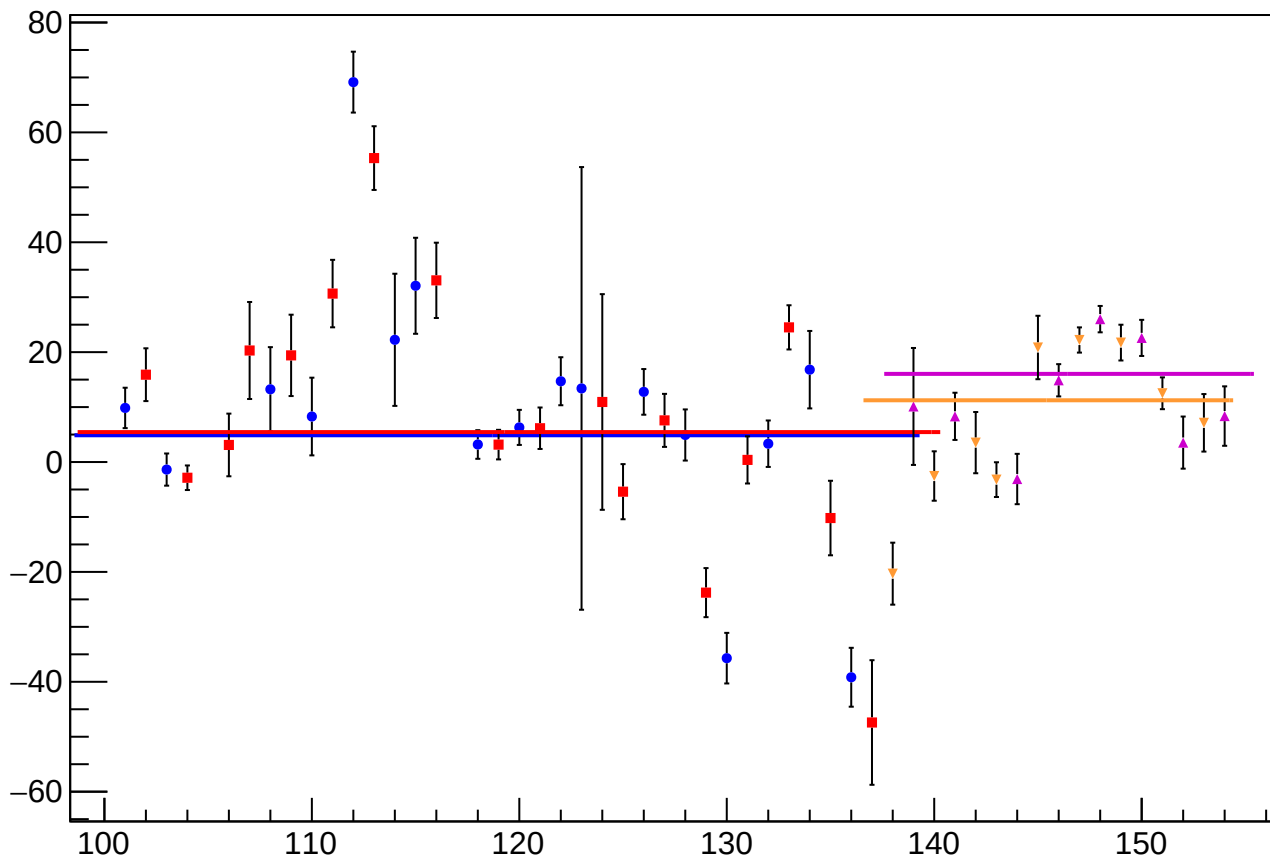
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.612+/-2.029 χ^2/NDF :118.2/7

Out: -242.411+/-1.887 χ^2/NDF :3326.7/8

All: -267.078+/-1.382 χ^2/NDF : 3813.6/16

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2 /NDF: 311.5/16

Left Out: 11.238 $\pm$ 1.210 χ^2 /NDF:100.3/8

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 16.044 $\pm$ 1.323 χ^2 /NDF:51.3/7

Left: 13.427 $\pm$ 0.893 χ^2 /NDF: 158.8/16

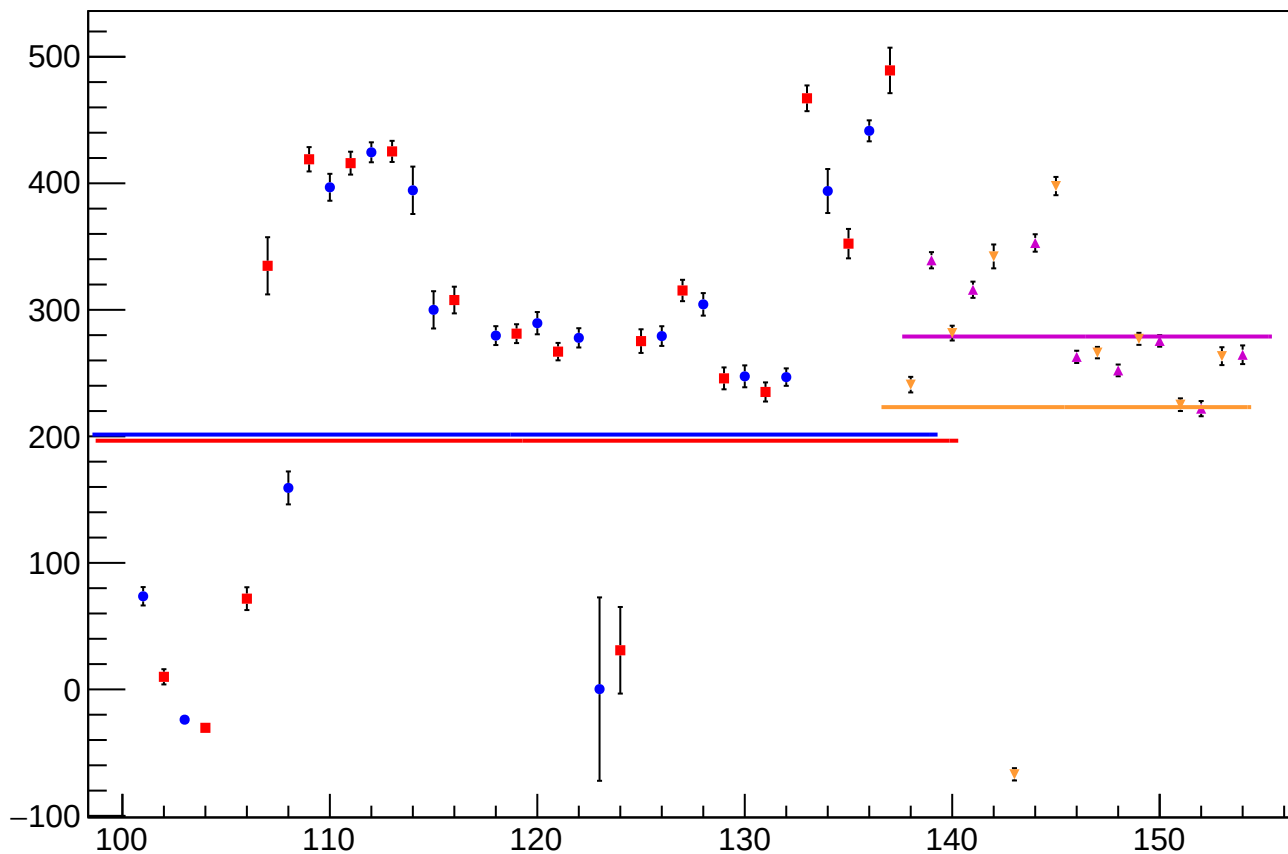
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 9.392 $\pm$ 0.842 χ^2 /NDF:405.3/24

Out: 7.993 $\pm$ 0.802 χ^2 /NDF:344.7/26

All: 8.659 $\pm$ 0.581 χ^2 /NDF: 751.5/51

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 223.109 $\pm$ 1.885 χ^2 /NDF: 4660.8/8

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 278.910 $\pm$ 1.990 χ^2 /NDF: 375.2/7

Left: 249.507 $\pm$ 1.369 χ^2 /NDF: 5450.4/16

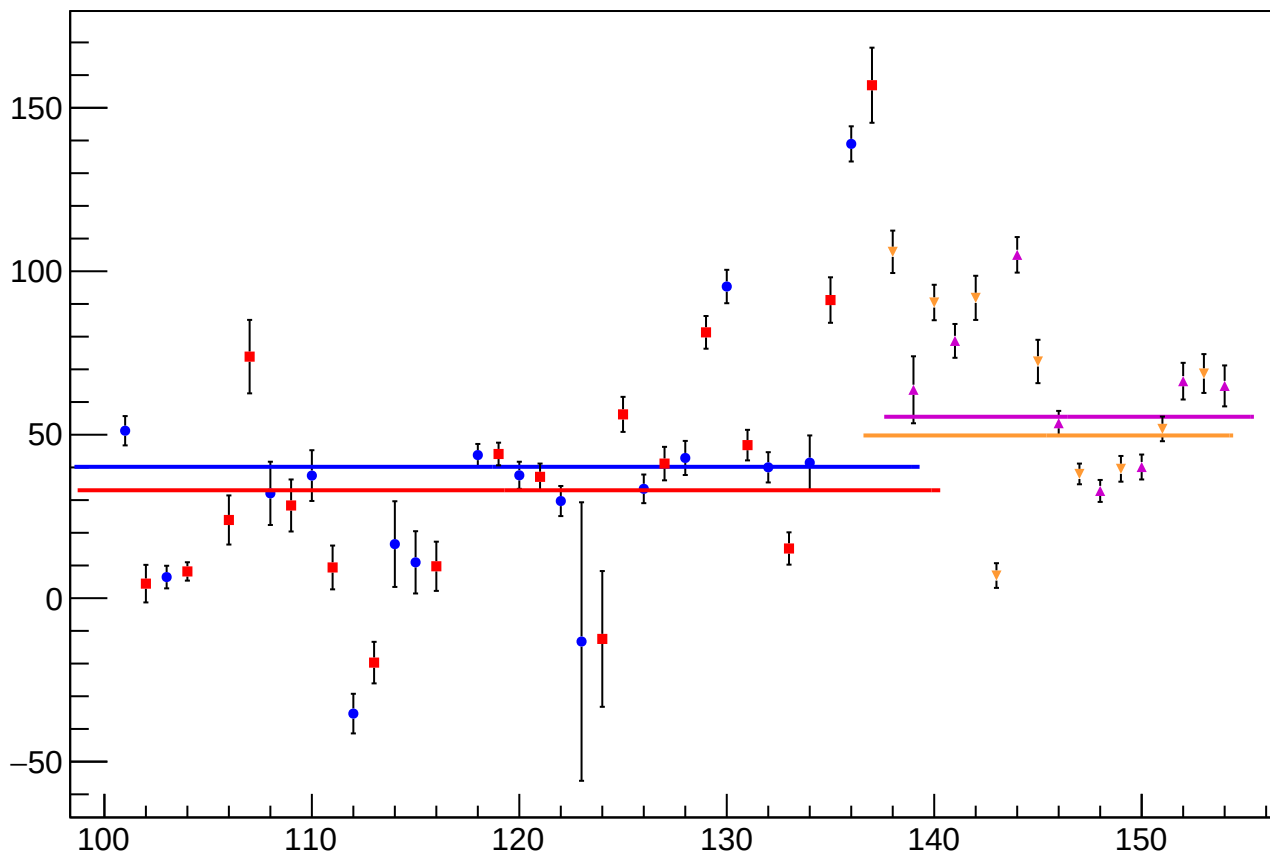
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 239.843 $\pm$ 1.401 χ^2 /NDF: 7880.3/24

Out: 210.156 $\pm$ 1.349 χ^2 /NDF: 12935.7/26

All: 224.437 $\pm$ 0.972 χ^2 /NDF: 21048.9/51

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: 49.774 $\pm$ 1.515 χ^2 /NDF:341.3/8

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 55.496 $\pm$ 1.653 χ^2 /NDF:171.9/7

Left: 52.386 $\pm$ 1.117 χ^2 /NDF: 519.8/16

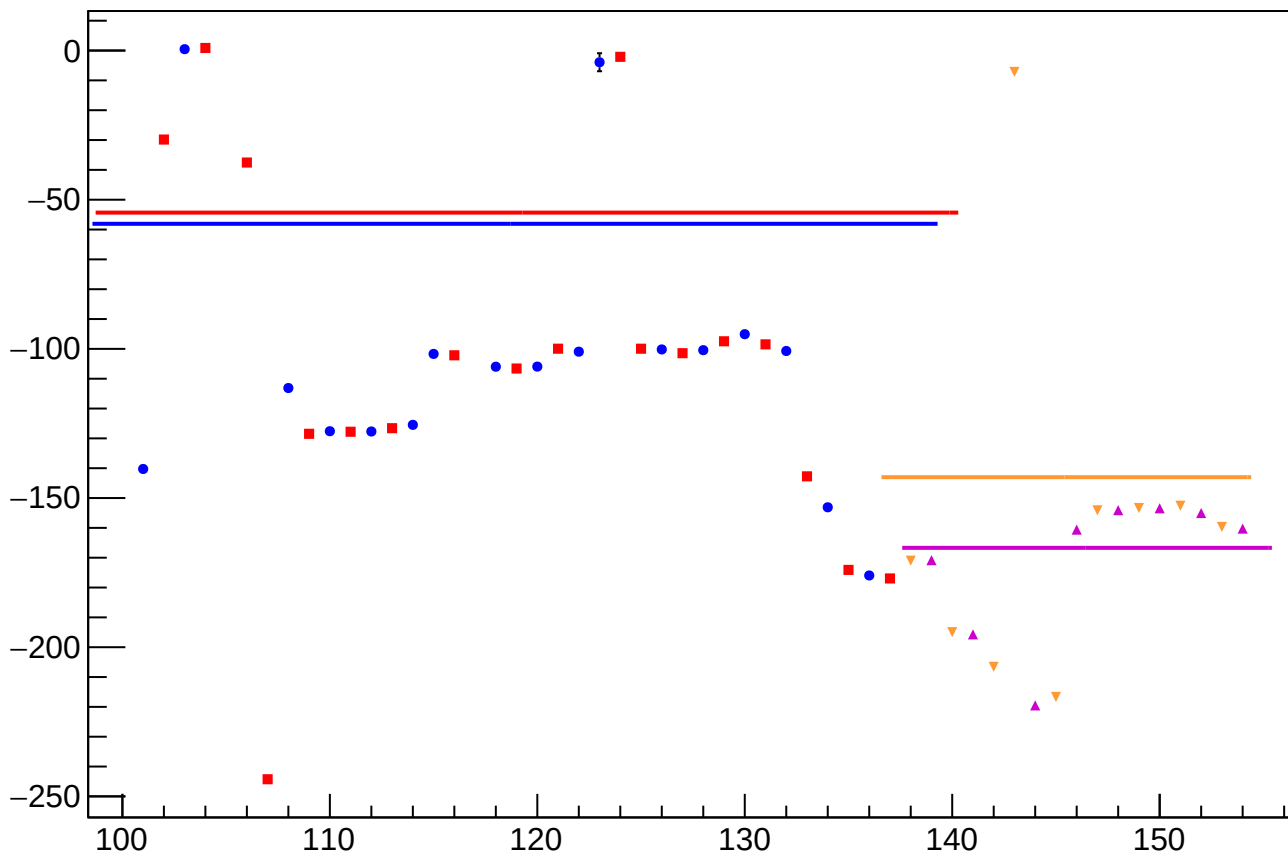
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 45.866 $\pm$ 1.007 χ^2 /NDF:959.9/24

Out: 39.816 $\pm$ 0.965 χ^2 /NDF:961.2/26

All: 42.714 $\pm$ 0.697 χ^2 /NDF: 1939.9/51

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -143.008 ± 0.079 $\chi^2/\text{NDF}: 644338.4/8$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -166.690 ± 0.082 $\chi^2/\text{NDF}: 55874.2/7$

Left: -154.446 ± 0.057 $\chi^2/\text{NDF}: 743512.1/16$

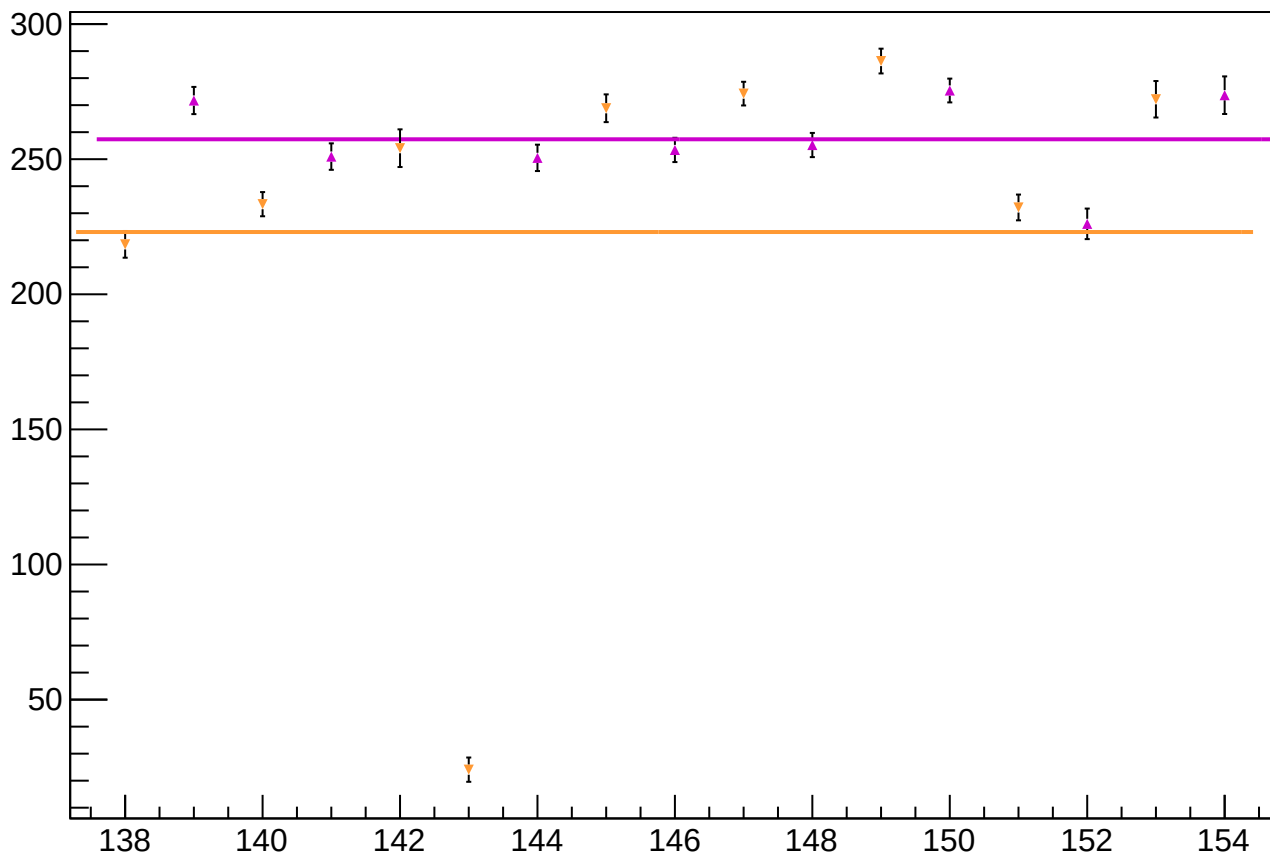
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -97.378 ± 0.049 $\chi^2/\text{NDF}: 2284498.1/24$

Out: -87.015 ± 0.048 $\chi^2/\text{NDF}: 2429105.3/26$

All: -92.069 ± 0.034 $\chi^2/\text{NDF}: 4736309.7/51$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 223.049+/-1.656 χ^2/NDF :2452.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 257.365+/-1.751 χ^2/NDF :65.8/7

Left: 239.252+/-1.203 χ^2/NDF : 2720.5/16

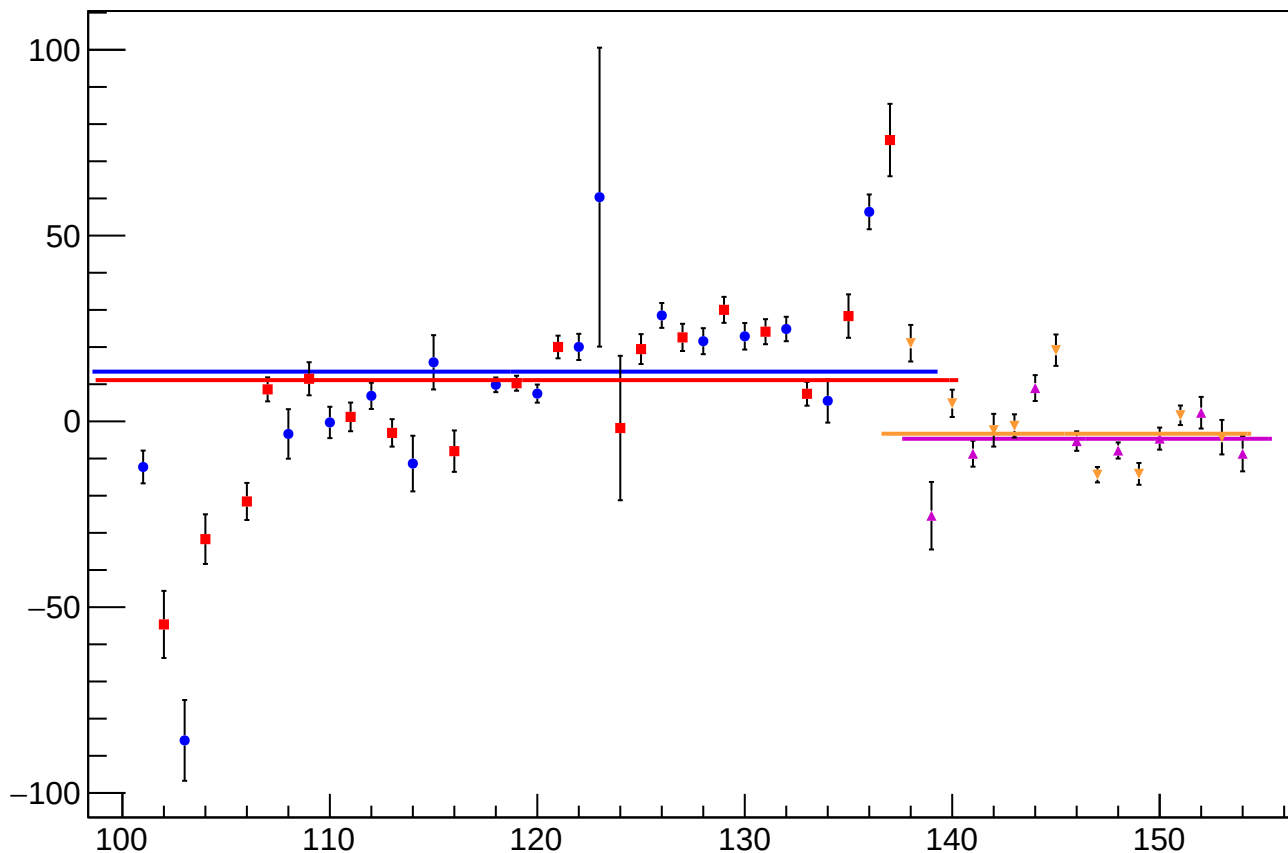
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.365+/-1.751 χ^2/NDF :65.8/7

Out: 223.049+/-1.656 χ^2/NDF :2452.0/8

All: 239.252+/-1.203 χ^2/NDF : 2720.5/16

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -3.322 ± 1.075 $\chi^2/\text{NDF}: 103.5/8$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -4.681 ± 1.157 $\chi^2/\text{NDF}: 27.5/7$

Left: -3.952 ± 0.788 $\chi^2/\text{NDF}: 131.7/16$

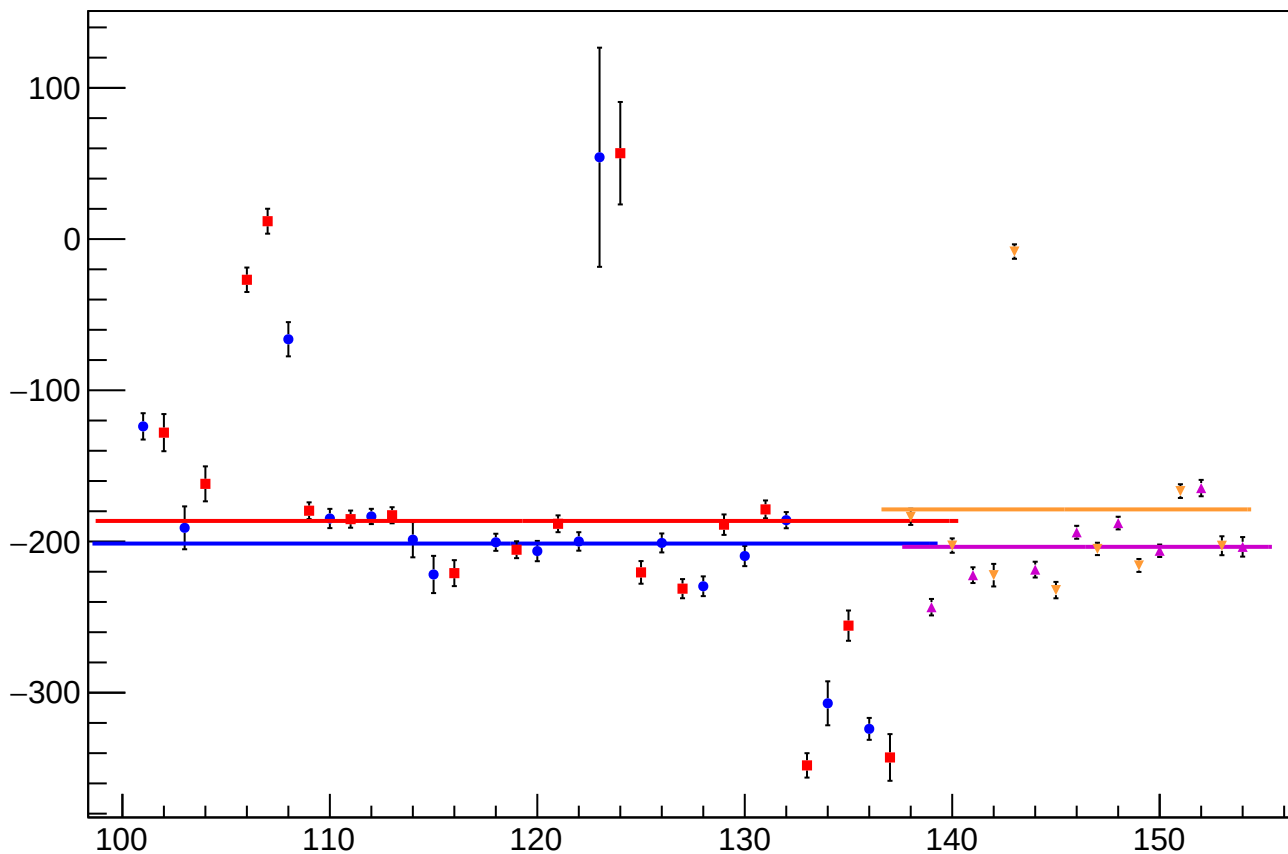
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 6.375 ± 0.721 $\chi^2/\text{NDF}: 470.8/24$

Out: 5.041 ± 0.697 $\chi^2/\text{NDF}: 500.1/26$

All: 5.686 ± 0.501 $\chi^2/\text{NDF}: 972.7/51$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 $\pm$ 1.784 χ^2 /NDF: 625.0/16

Left Out: -178.781 $\pm$ 1.661 χ^2 /NDF:1561.2/8

Right Out: -186.409 $\pm$ 1.703 χ^2 /NDF: 1699.5/17

Left In: -203.539 $\pm$ 1.727 χ^2 /NDF:145.9/7

Left: -190.676 $\pm$ 1.197 χ^2 /NDF: 1813.8/16

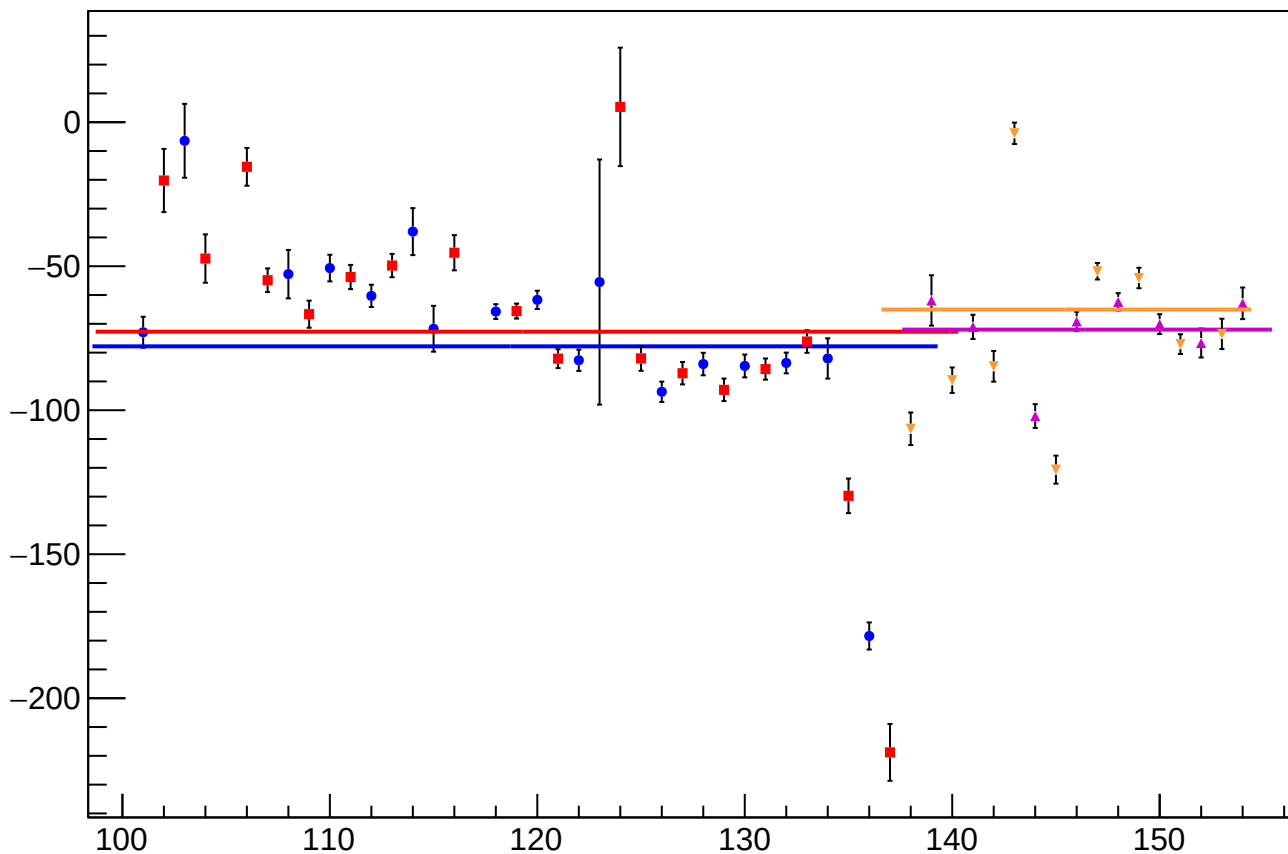
Right: -193.544 $\pm$ 1.232 χ^2 /NDF: 2361.2/34

In: -202.488 $\pm$ 1.241 χ^2 /NDF:771.6/24

Out: -182.499 $\pm$ 1.189 χ^2 /NDF:3270.9/26

All: -192.069 $\pm$ 0.859 χ^2 /NDF: 4177.8/51

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: -65.051 ± 1.343 χ^2/NDF : 545.2/8

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -72.011 ± 1.439 χ^2/NDF : 68.9/7

Left: -68.289 ± 0.982 χ^2/NDF : 626.7/16

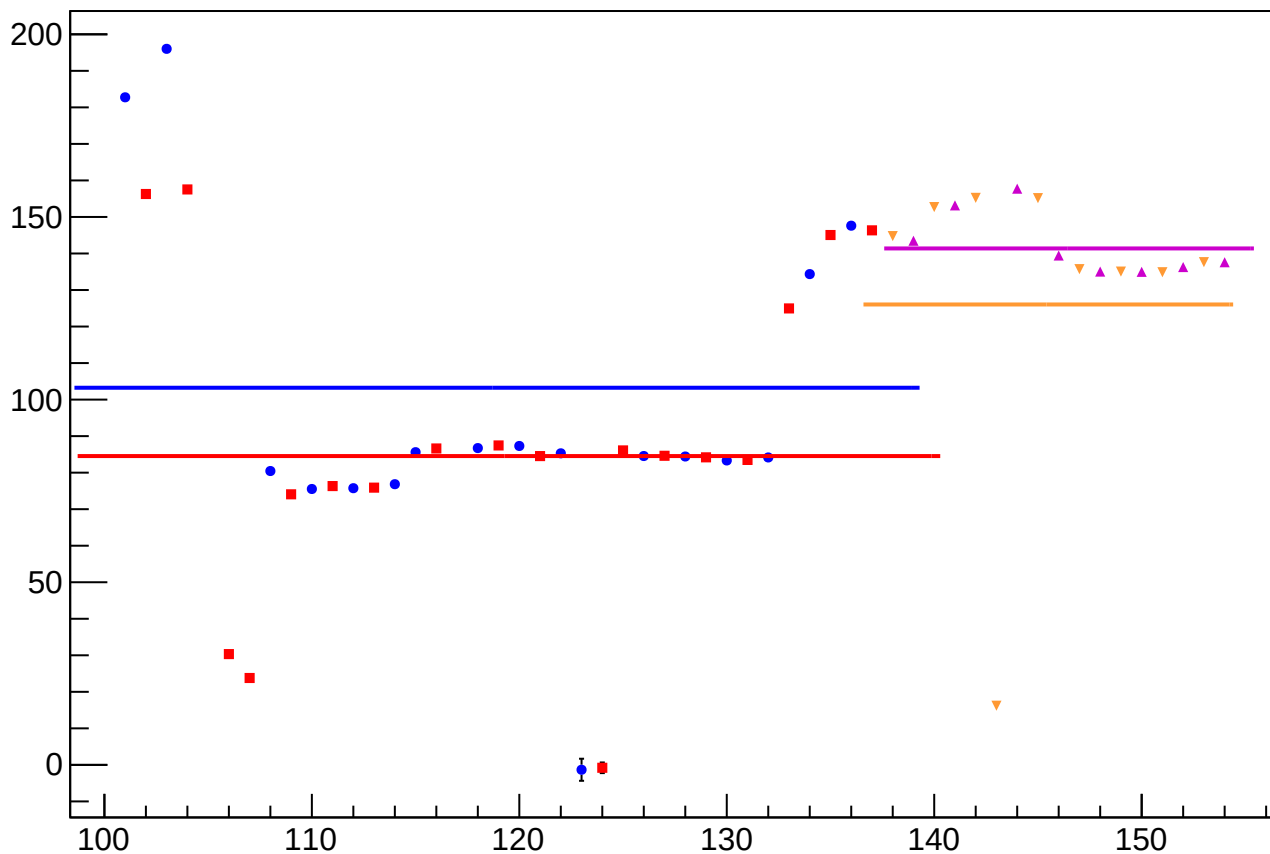
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -75.756 ± 0.858 χ^2/NDF : 735.8/24

Out: -69.806 ± 0.829 χ^2/NDF : 1164.5/26

All: -72.679 ± 0.596 χ^2/NDF : 1925.2/51

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 126.041 $\pm$ 0.070 χ^2 /NDF: 388166.7/8

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 141.380 $\pm$ 0.071 χ^2 /NDF: 11906.2/7

Left: 133.551 $\pm$ 0.050 χ^2 /NDF: 423895.3/16

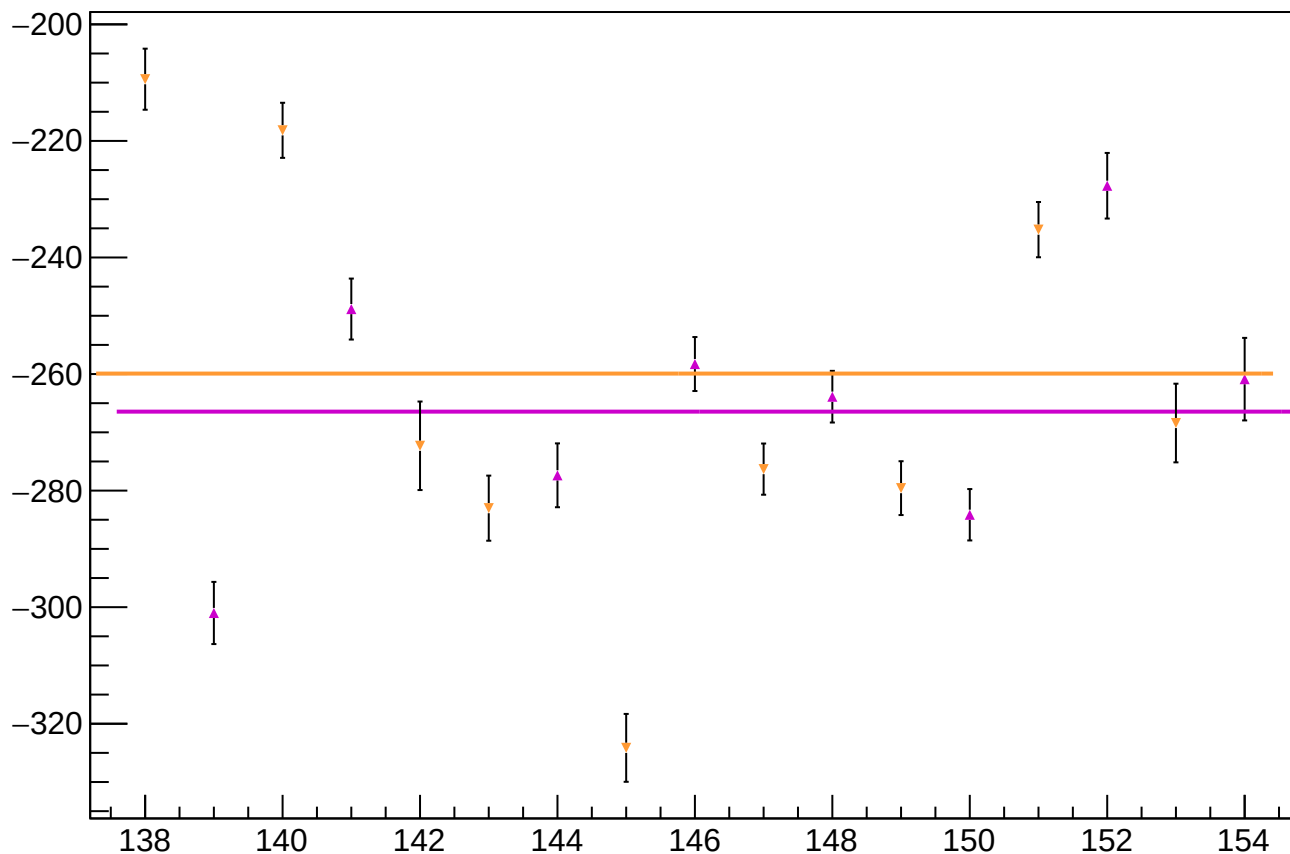
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 122.168 $\pm$ 0.050 χ^2 /NDF: 430631.1/24

Out: 103.546 $\pm$ 0.047 χ^2 /NDF: 992620.7/26

All: 112.291 $\pm$ 0.034 χ^2 /NDF: 1496797.2/51

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.919+/-1.753 χ^2/NDF :373.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.448+/-1.809 χ^2/NDF :124.8/7

Left: -263.081+/-1.259 χ^2/NDF : 504.6/16

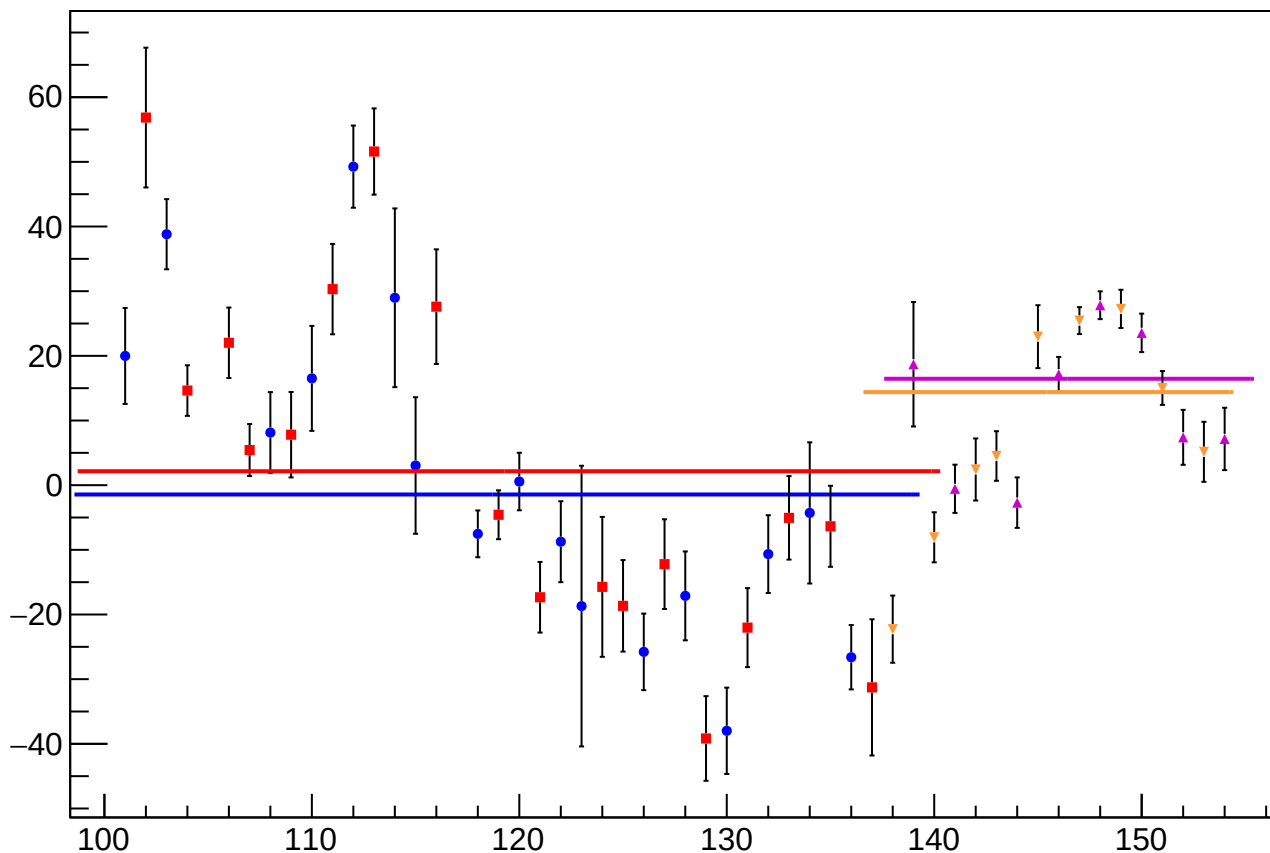
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.448+/-1.809 χ^2/NDF :124.8/7

Out: -259.919+/-1.753 χ^2/NDF :373.1/8

All: -263.081+/-1.259 χ^2/NDF : 504.6/16

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: 14.398 ± 1.121 χ^2/NDF : 150.6/8

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 16.456 ± 1.182 χ^2/NDF : 87.0/7

Left: 15.373 ± 0.813 χ^2/NDF : 239.2/16

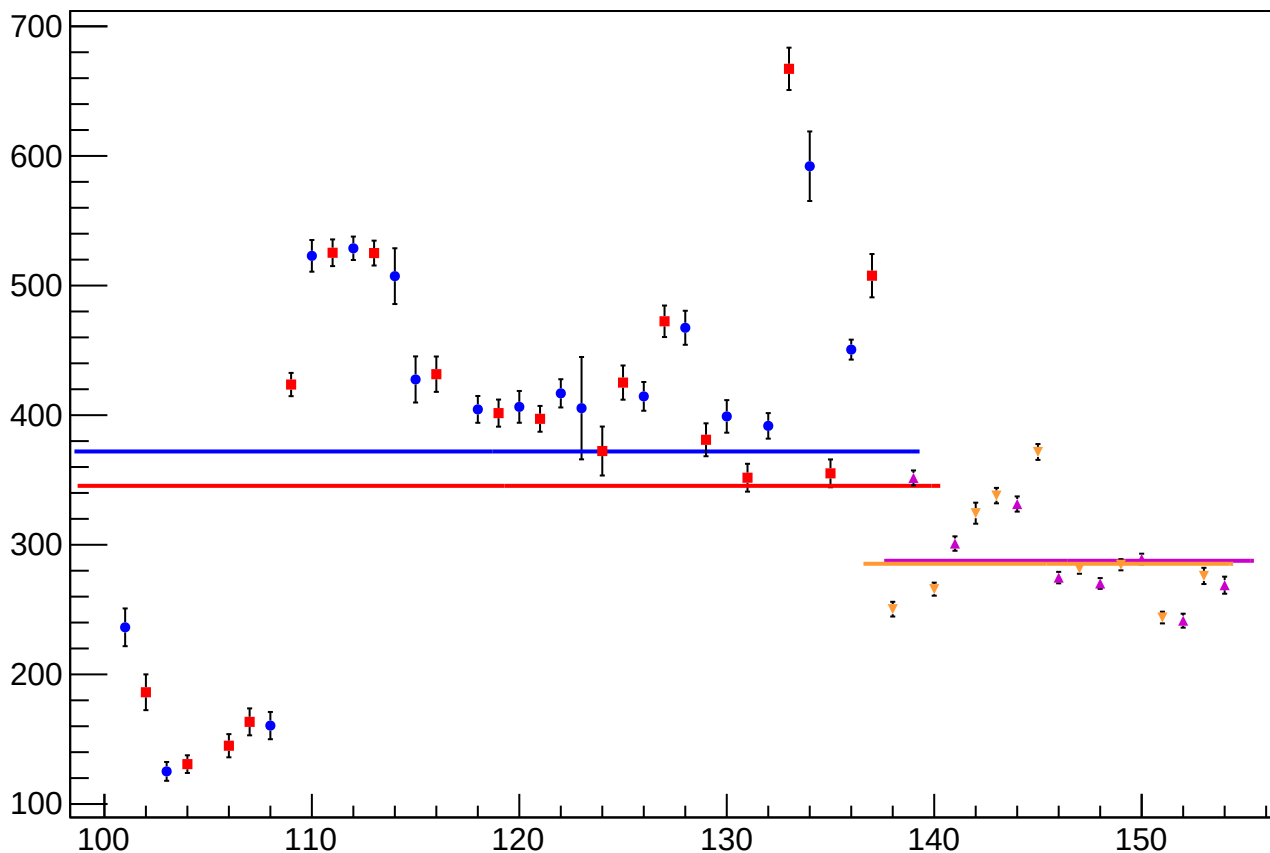
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 9.691 ± 0.932 χ^2/NDF : 398.1/24

Out: 9.619 ± 0.875 χ^2/NDF : 427.3/26

All: 9.653 ± 0.638 χ^2/NDF : 825.4/51

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: 285.350 $\pm$ 1.745 χ^2 /NDF:441.0/8

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 287.658 $\pm$ 1.777 χ^2 /NDF:292.2/7

Left: 286.483 $\pm$ 1.245 χ^2 /NDF: 734.0/16

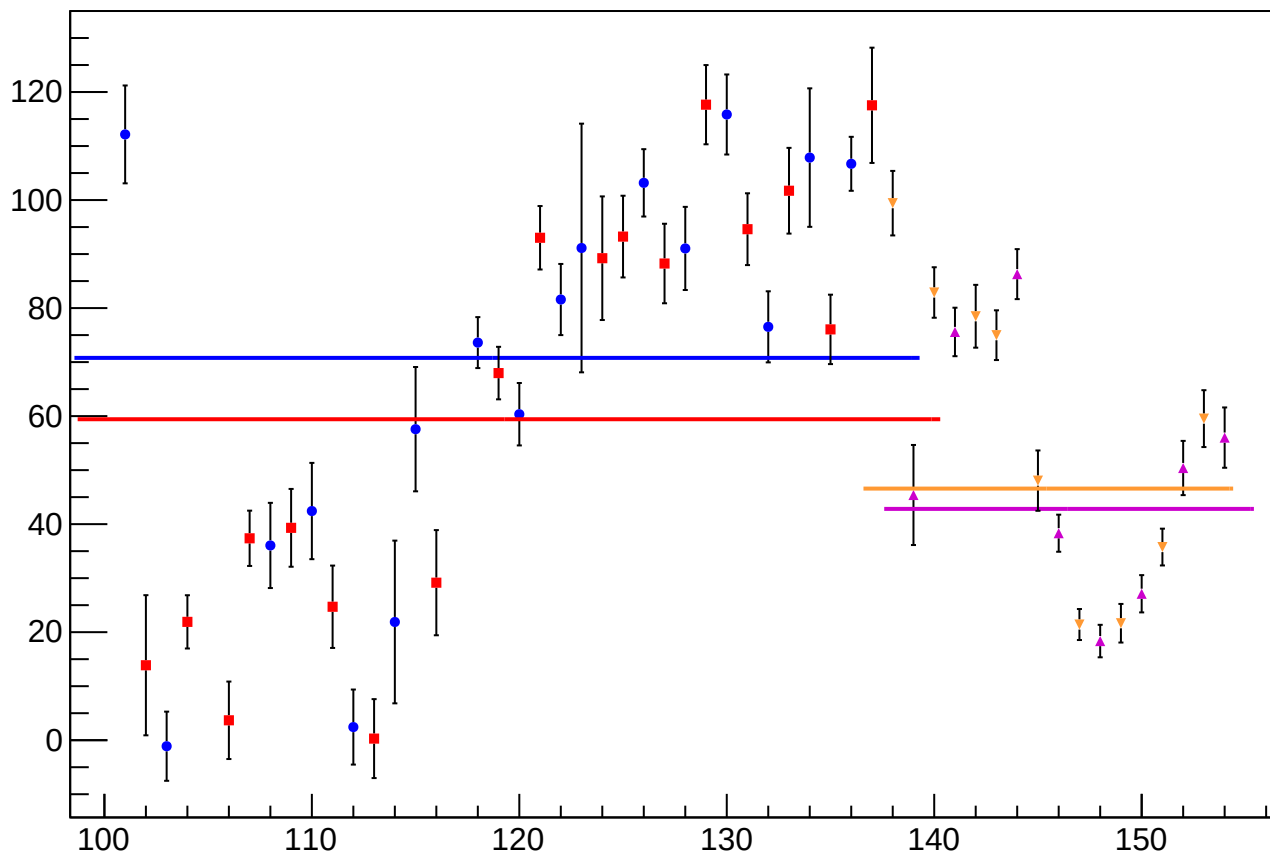
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 312.309 $\pm$ 1.495 χ^2 /NDF:3382.0/24

Out: 304.386 $\pm$ 1.443 χ^2 /NDF:4218.3/26

All: 308.208 $\pm$ 1.038 χ^2 /NDF: 7614.8/51

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2/NDF : 423.9/16

Left Out: 46.582 $\pm$ 1.408 χ^2/NDF : 348.5/8

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 42.823 $\pm$ 1.476 χ^2/NDF : 238.0/7

Left: 44.791 $\pm$ 1.019 χ^2/NDF : 589.9/16

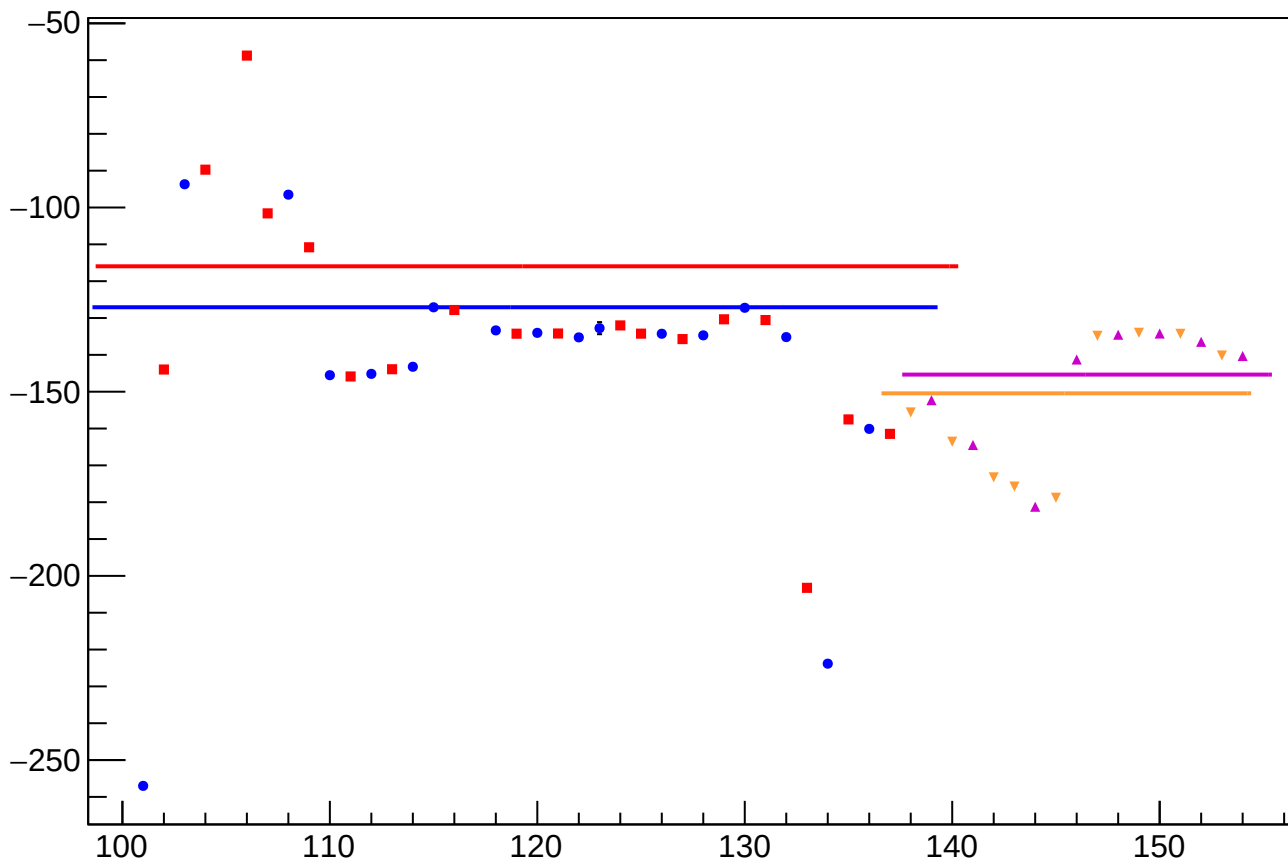
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 54.467 $\pm$ 1.127 χ^2/NDF : 811.5/24

Out: 52.060 $\pm$ 1.066 χ^2/NDF : 870.6/26

All: 53.196 $\pm$ 0.775 χ^2/NDF : 1684.4/51

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -150.445+/-0.073 χ^2/NDF : 56992.2/8

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -145.357+/-0.073 χ^2/NDF : 38278.8/7

Left: -147.888+/-0.052 χ^2/NDF : 97681.9/16

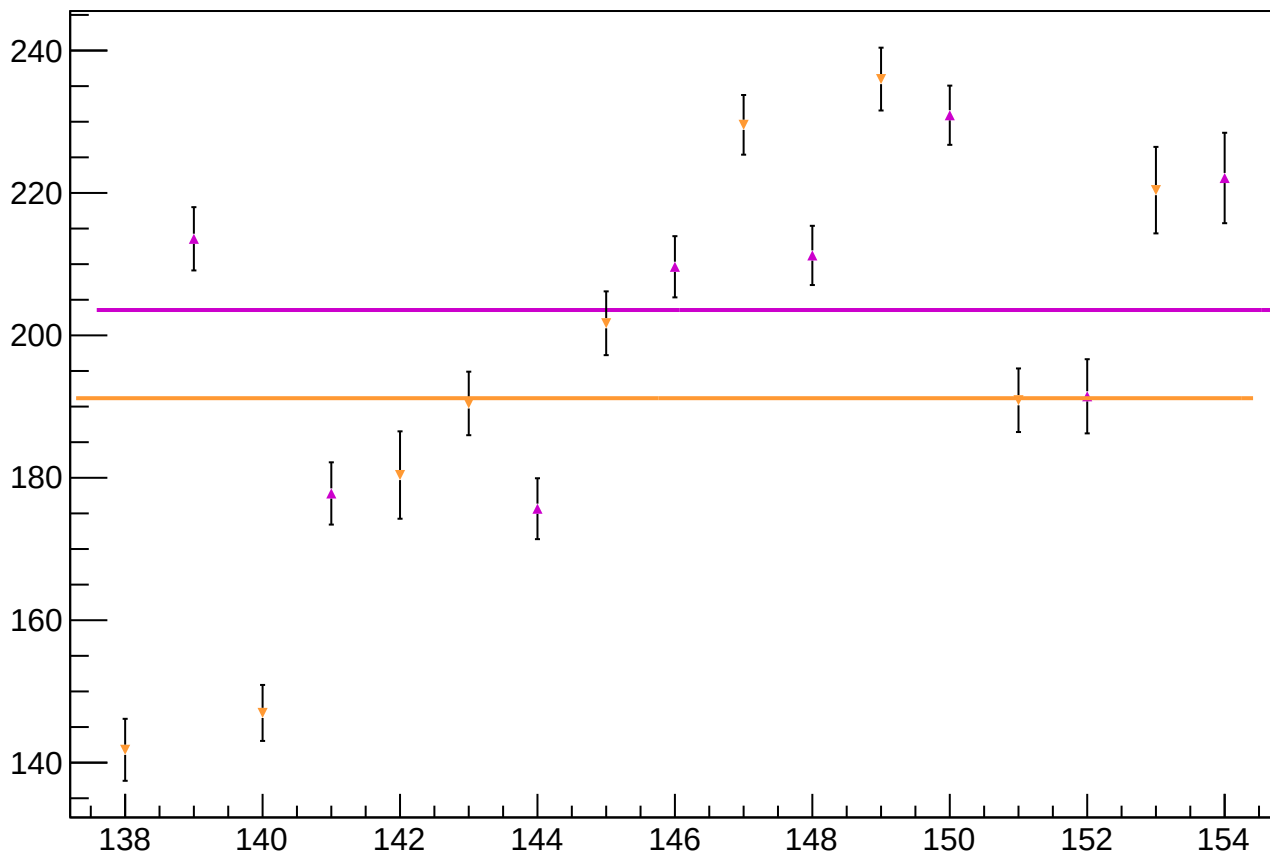
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.046+/-0.057 χ^2/NDF : 230329.3/24

Out: -135.301+/-0.055 χ^2/NDF : 312760.5/26

All: -136.634+/-0.039 χ^2/NDF : 544299.4/51

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 191.178+/-1.525 χ^2/NDF : 474.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 203.563+/-1.603 χ^2/NDF : 145.0/7

Left: 197.063+/-1.105 χ^2/NDF : 650.4/16

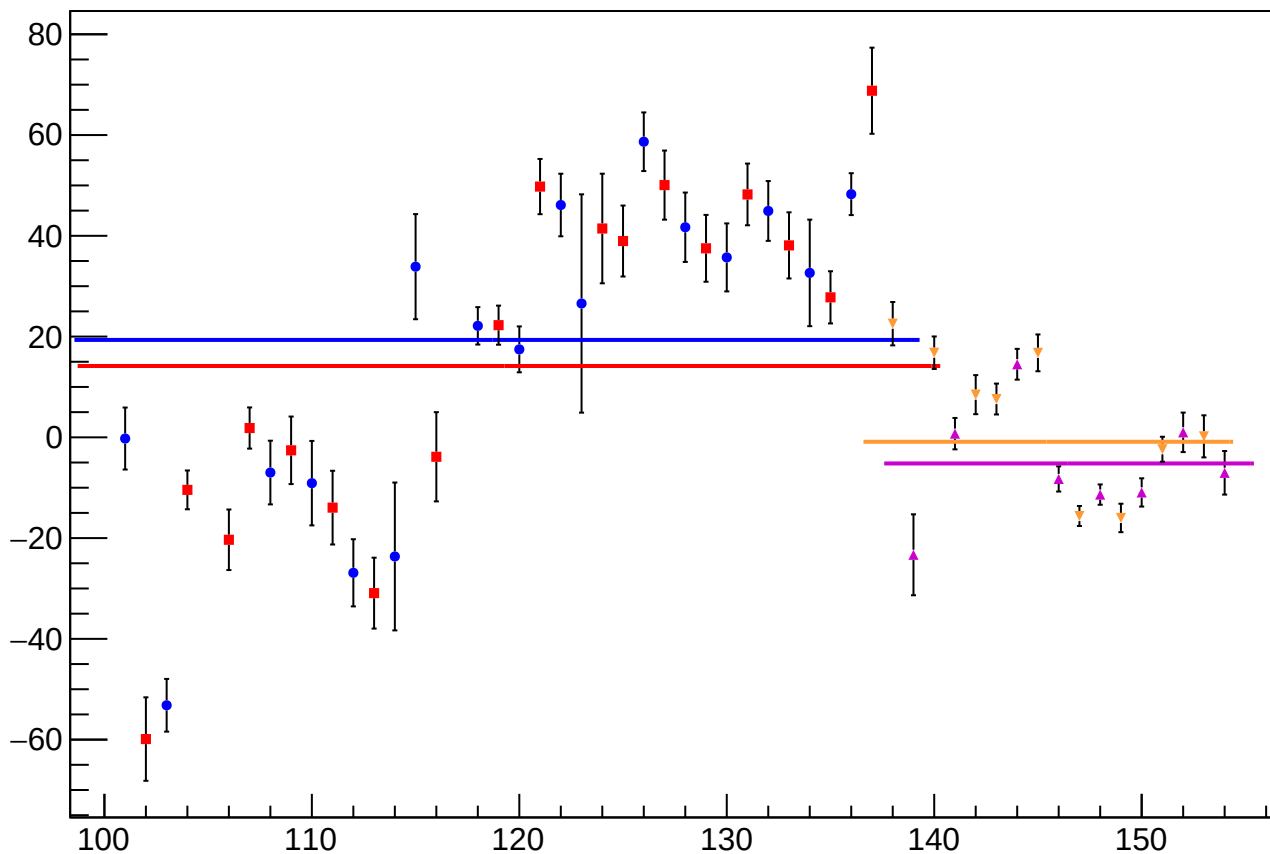
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.563+/-1.603 χ^2/NDF : 145.0/7

Out: 191.178+/-1.525 χ^2/NDF : 474.1/8

All: 197.063+/-1.105 χ^2/NDF : 650.4/16

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: -2.893 ± 0.730 χ^2/NDF : 257.4/16

Right Out: 14.162 ± 1.391 χ^2/NDF : 426.0/17

Left In: -5.186 ± 1.068 χ^2/NDF : 68.0/7

Left: -2.893 ± 0.730 χ^2/NDF : 257.4/16

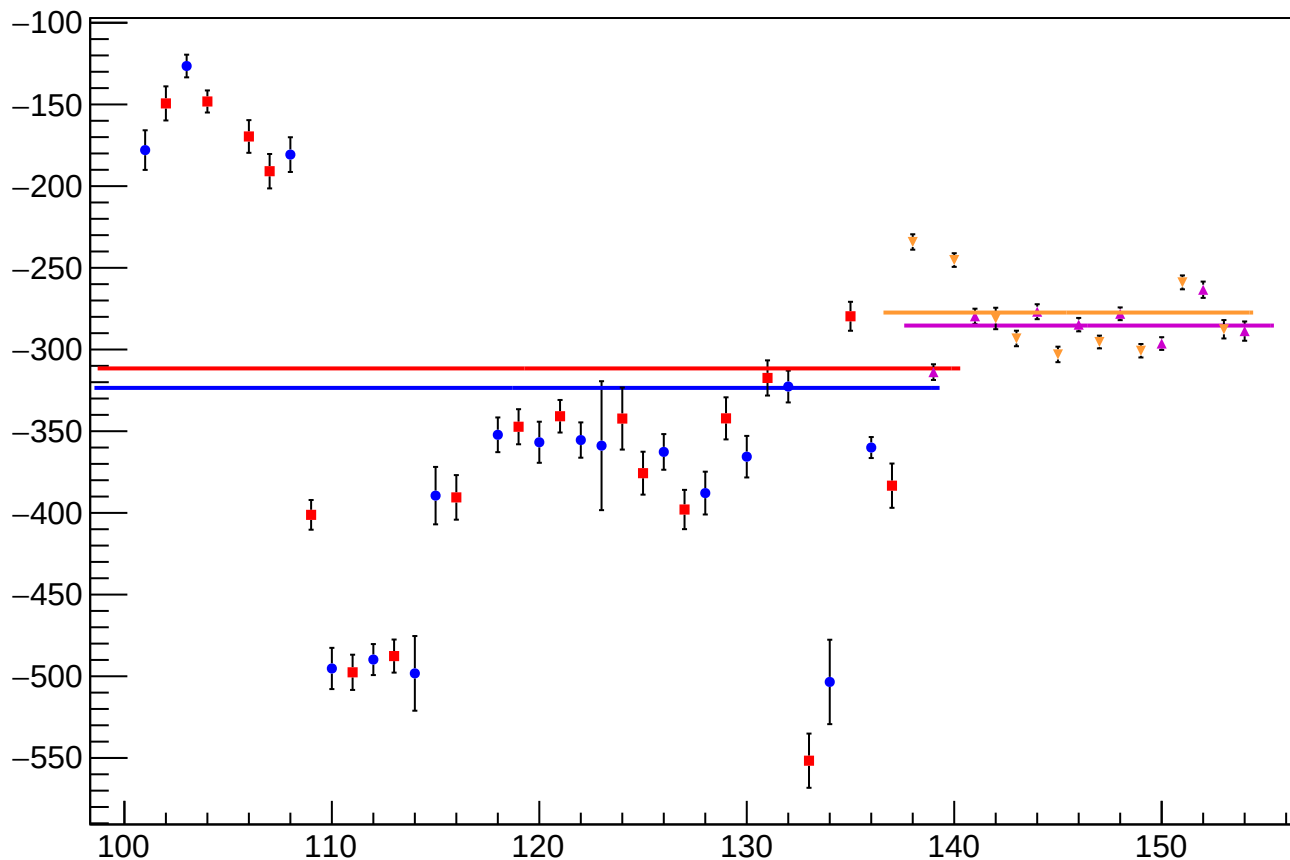
Right: 16.585 ± 1.014 χ^2/NDF : 872.4/34

In: 3.195 ± 0.867 χ^2/NDF : 688.0/24

Out: 4.252 ± 0.813 χ^2/NDF : 683.8/26

All: 3.758 ± 0.593 χ^2/NDF : 1372.6/51

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -277.374 ± 1.535 $\chi^2/\text{NDF}: 258.9/8$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -285.337 ± 1.586 $\chi^2/\text{NDF}: 71.2/7$

Left: -281.224 ± 1.103 $\chi^2/\text{NDF}: 343.1/16$

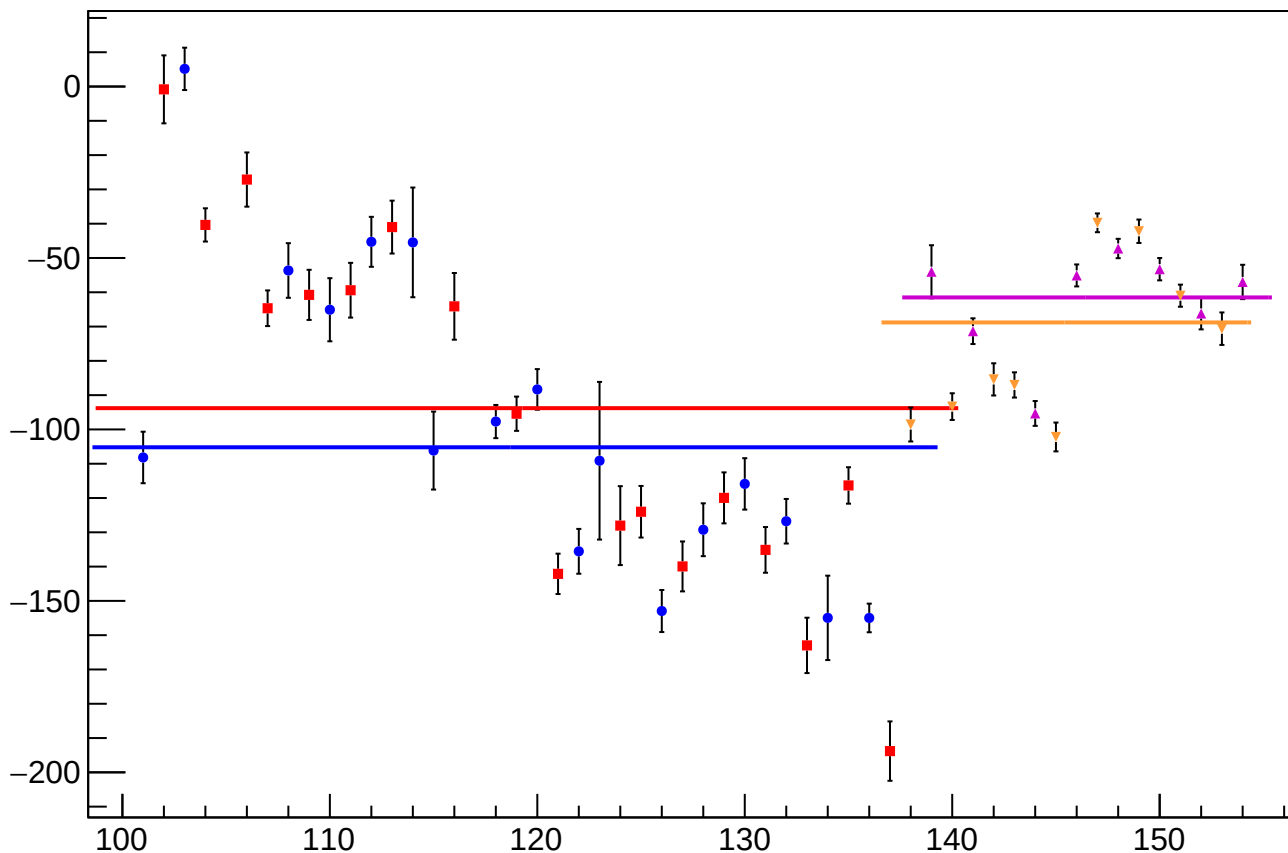
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -295.275 ± 1.364 $\chi^2/\text{NDF}: 2069.4/24$

Out: -286.588 ± 1.312 $\chi^2/\text{NDF}: 2636.5/26$

All: -290.762 ± 0.945 $\chi^2/\text{NDF}: 4727.0/51$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.796 ± 1.247 χ^2/NDF : 355.4/8

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -61.503 ± 1.327 χ^2/NDF : 133.0/7

Left: -65.375 ± 0.909 χ^2/NDF : 504.5/16

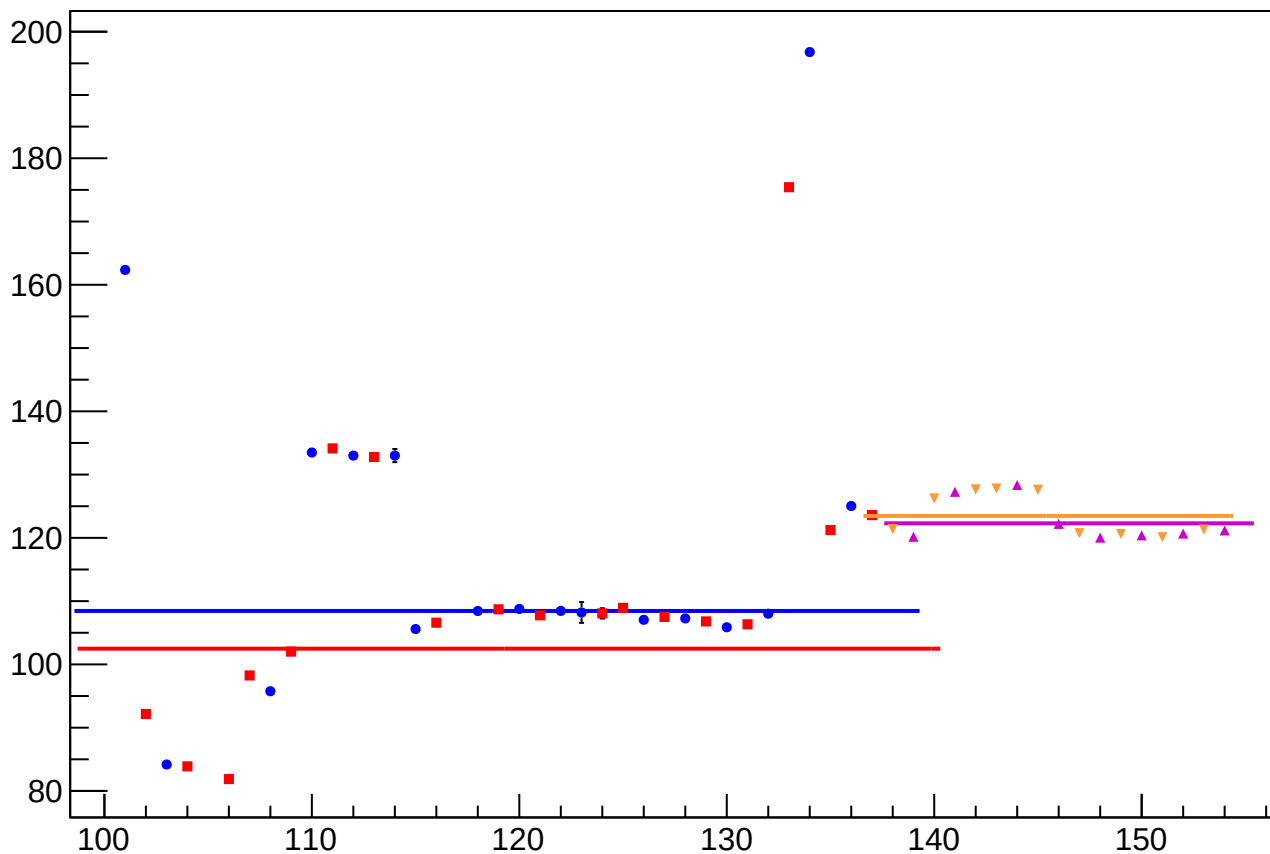
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -78.086 ± 1.045 χ^2/NDF : 1280.3/24

Out: -78.164 ± 0.986 χ^2/NDF : 1321.3/26

All: -78.127 ± 0.717 χ^2/NDF : 2601.6/51

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.461 $\pm$ 0.064 χ^2 /NDF: 2523.3/8

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 122.297 $\pm$ 0.065 χ^2 /NDF: 2191.8/7

Left: 122.887 $\pm$ 0.046 χ^2 /NDF: 4877.6/16

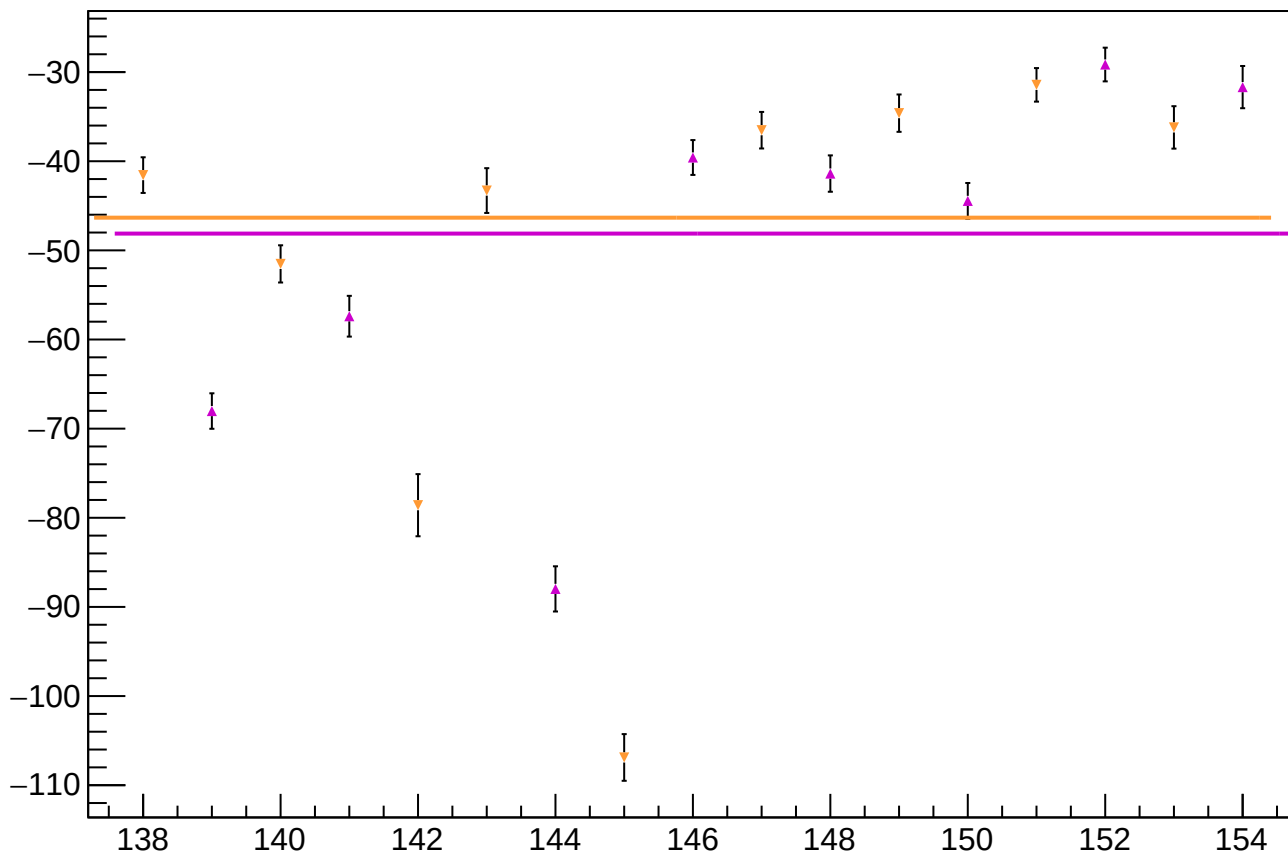
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.170 $\pm$ 0.052 χ^2 /NDF: 92255.8/24

Out: 115.207 $\pm$ 0.050 χ^2 /NDF: 97519.7/26

All: 116.156 $\pm$ 0.036 χ^2 /NDF: 190522.8/51

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -46.332+/-0.747 χ^2/NDF : 768.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.118+/-0.744 χ^2/NDF : 545.7/7

Left: -47.229+/-0.527 χ^2/NDF : 1317.2/16

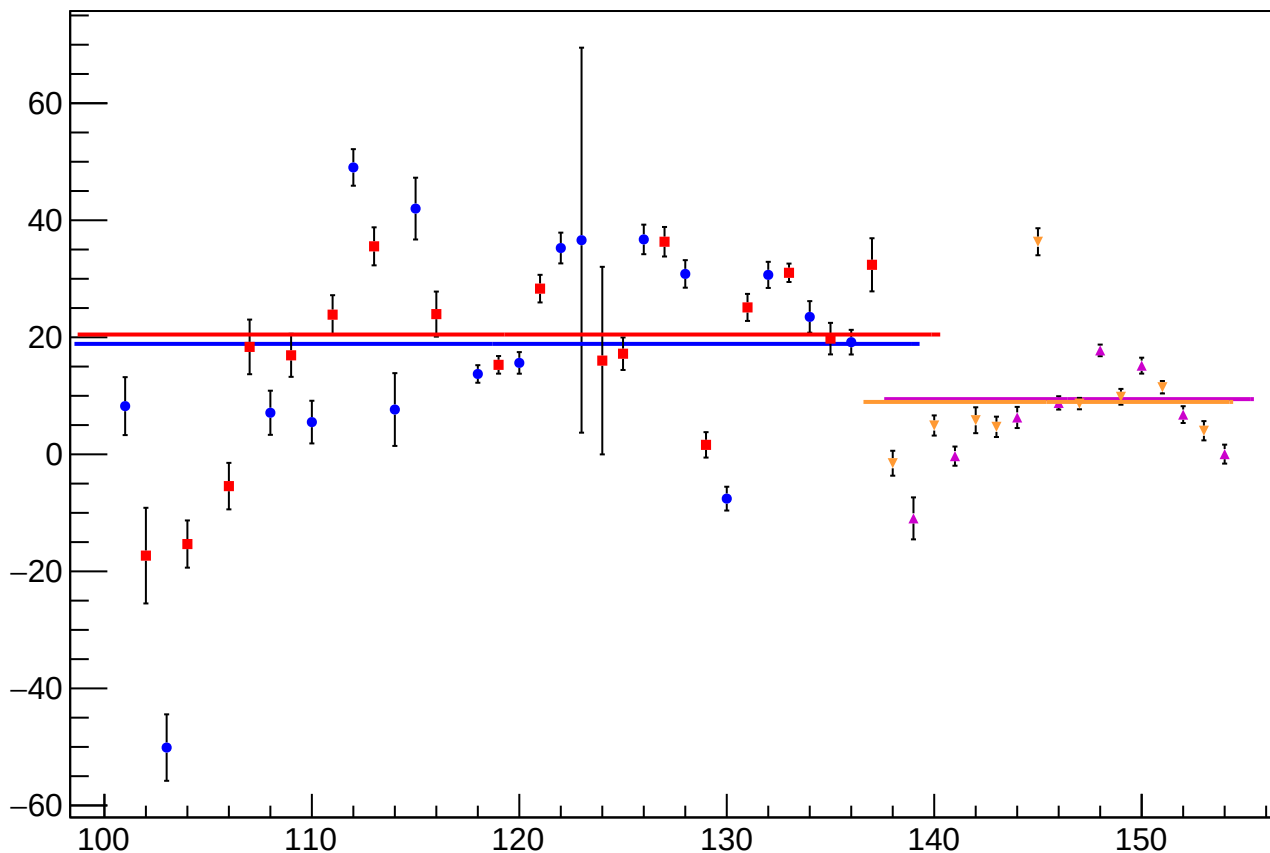
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.118+/-0.744 χ^2/NDF : 545.7/7

Out: -46.332+/-0.747 χ^2/NDF : 768.6/8

All: -47.229+/-0.527 χ^2/NDF : 1317.2/16

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.956 $\pm$ 0.492 χ^2 /NDF:193.0/8

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 9.436 $\pm$ 0.503 χ^2 /NDF:196.1/7

Left: 9.191 $\pm$ 0.352 χ^2 /NDF: 389.6/16

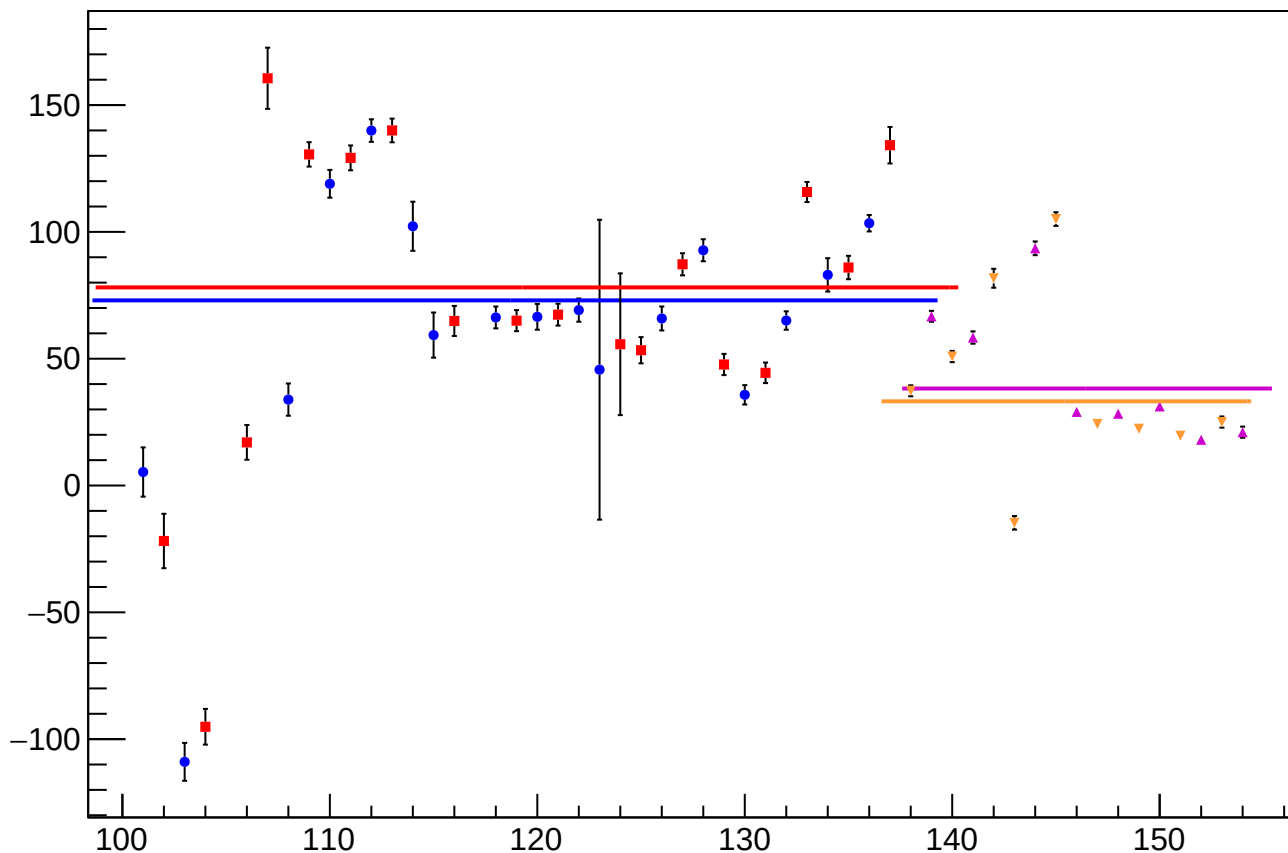
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 13.011 $\pm$ 0.397 χ^2 /NDF:949.9/24

Out: 13.202 $\pm$ 0.391 χ^2 /NDF:757.7/26

All: 13.108 $\pm$ 0.278 χ^2 /NDF: 1707.7/51

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 33.196 $\pm$ 0.744 χ^2 /NDF:1384.6/8

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 38.243 $\pm$ 0.730 χ^2 /NDF:909.5/7

Left: 35.764 $\pm$ 0.521 χ^2 /NDF: 2317.5/16

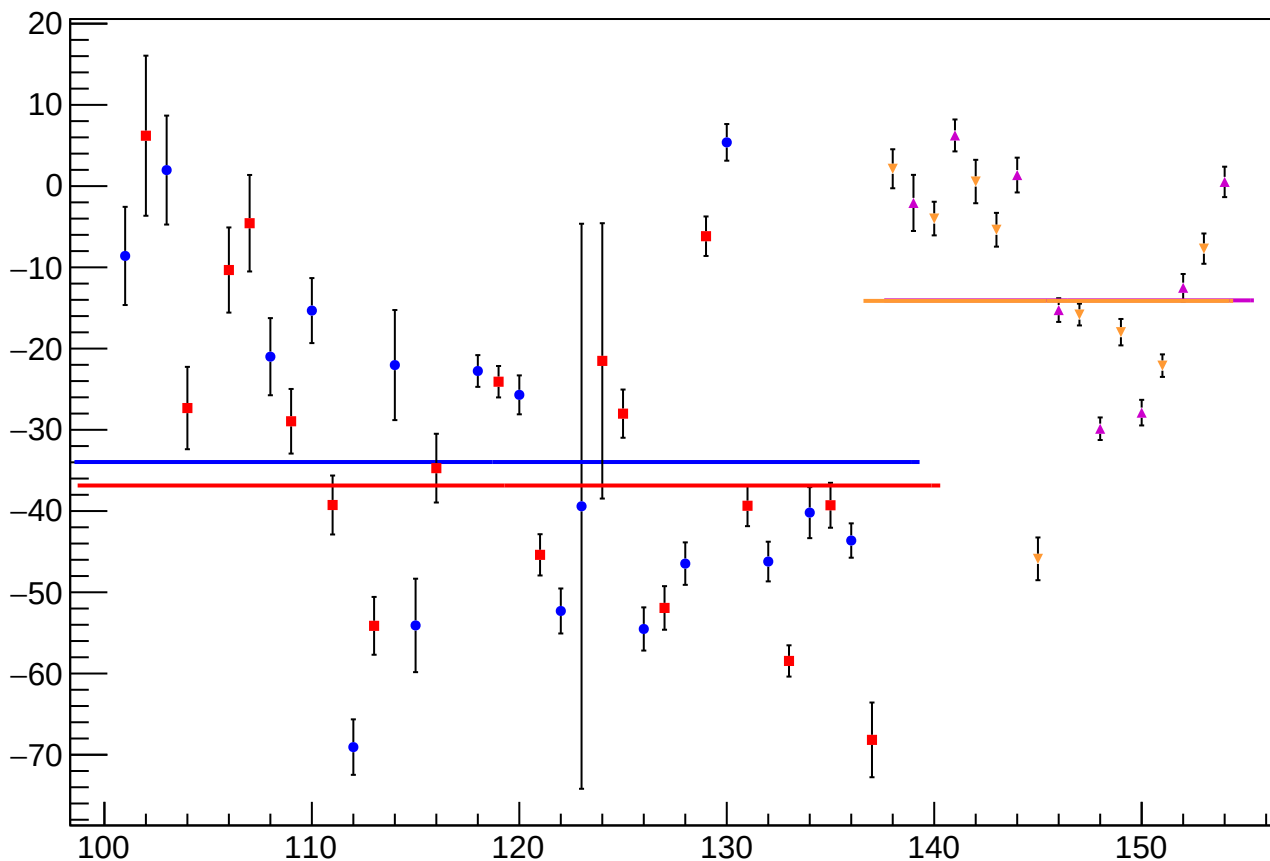
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 47.303 $\pm$ 0.628 χ^2 /NDF:2705.0/24

Out: 45.307 $\pm$ 0.635 χ^2 /NDF:3915.5/26

All: 46.317 $\pm$ 0.447 χ^2 /NDF: 6625.4/51

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -14.129 ± 0.613 χ^2/NDF : 315.6/8

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.065 ± 0.622 χ^2/NDF : 439.3/7

Left: -14.097 ± 0.436 χ^2/NDF : 754.9/16

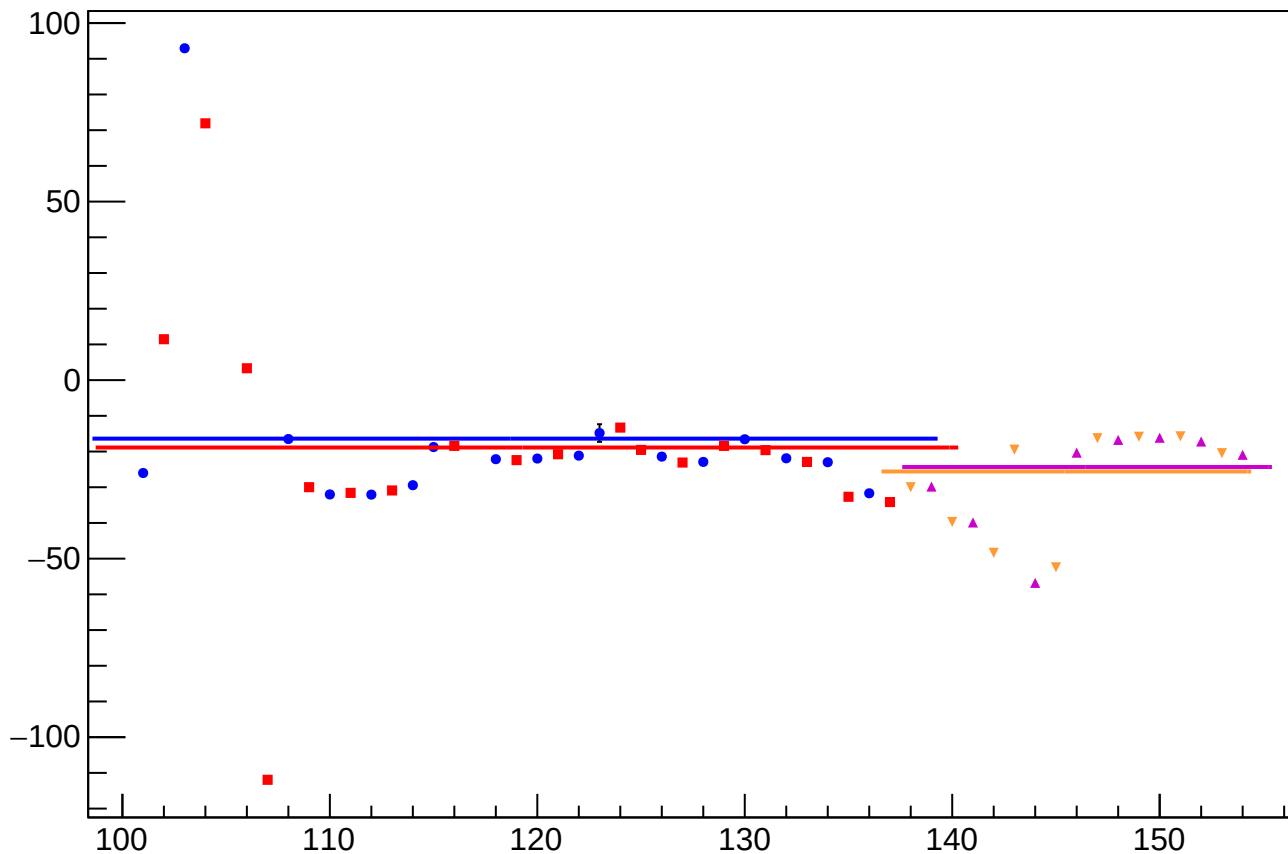
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -22.334 ± 0.475 χ^2/NDF : 1586.7/24

Out: -23.417 ± 0.471 χ^2/NDF : 1413.3/26

All: -22.881 ± 0.335 χ^2/NDF : 3002.6/51

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 $\pm$ 0.044 χ^2 /NDF: 474297.3/16

Left Out: -25.587 $\pm$ 0.031 χ^2 /NDF: 157282.5/8

Right Out: -18.873 $\pm$ 0.045 χ^2 /NDF: 433372.4/17

Left In: -24.324 $\pm$ 0.030 χ^2 /NDF: 137606.2/7

Left: -24.930 $\pm$ 0.021 χ^2 /NDF: 295763.3/16

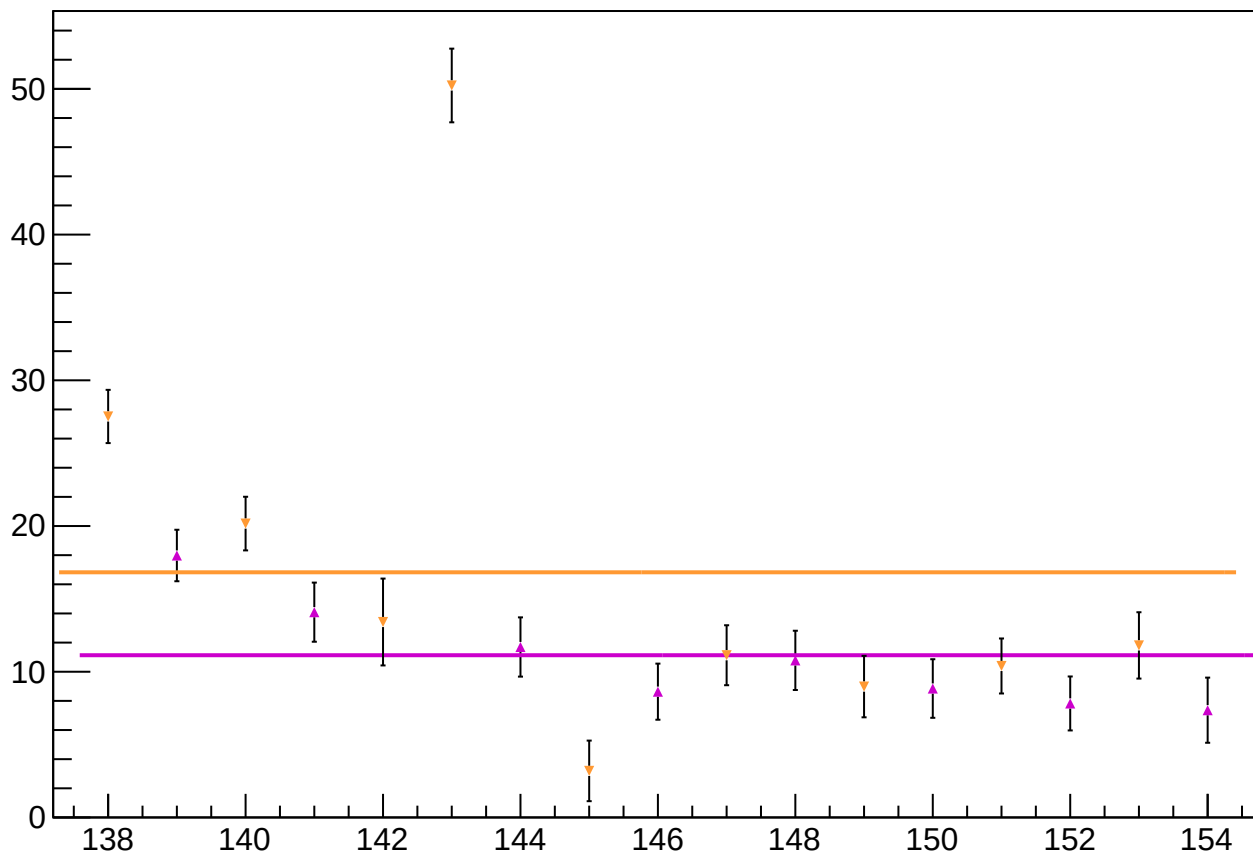
Right: -17.607 $\pm$ 0.032 χ^2 /NDF: 909205.2/34

In: -21.890 $\pm$ 0.025 χ^2 /NDF: 634000.6/24

Out: -23.462 $\pm$ 0.025 χ^2 /NDF: 605675.0/26

All: -22.649 $\pm$ 0.018 χ^2 /NDF: 1241643.2/51

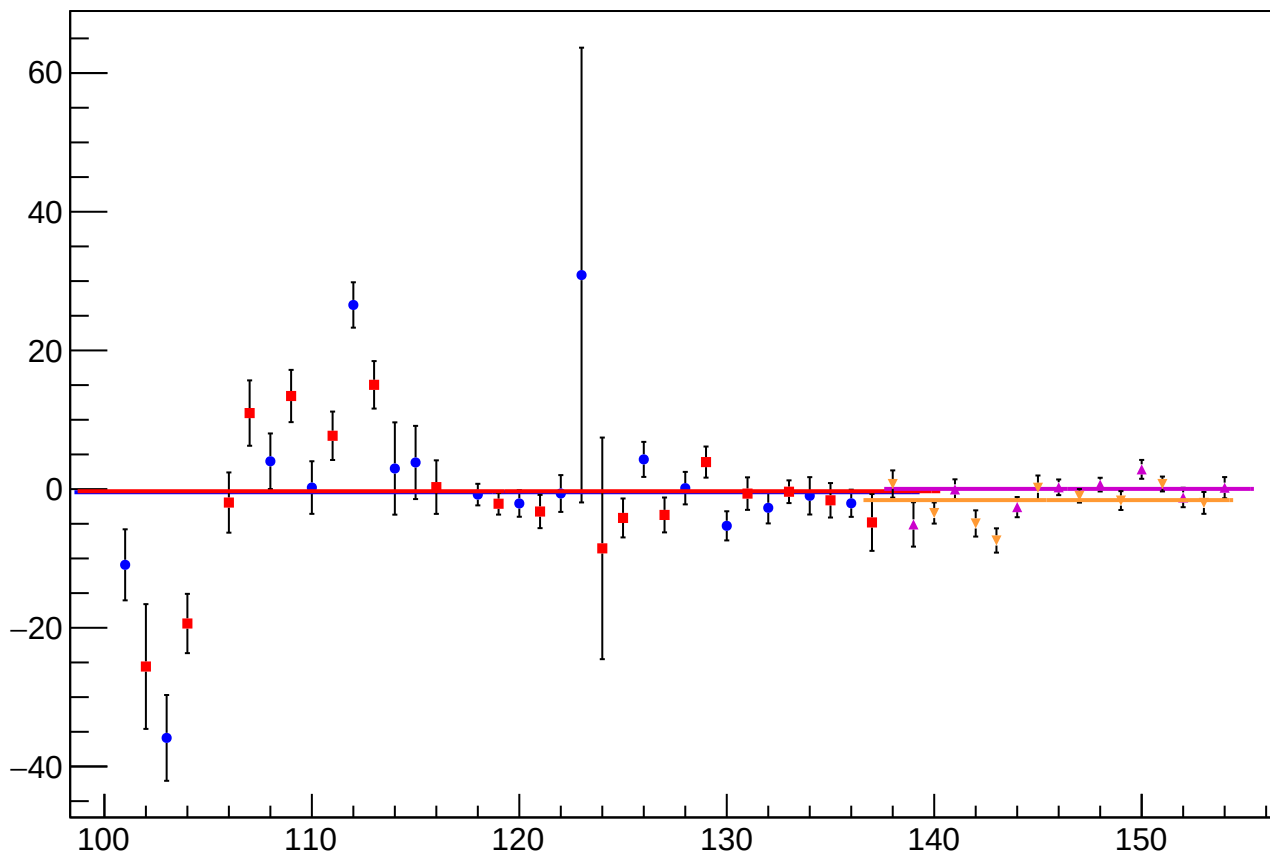
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.134+/-0.697 χ^2/NDF :26.3/7

Left: 13.961+/-0.495 χ^2/NDF : 353.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.134+/-0.697 χ^2/NDF :26.3/7
 Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 All: 13.961+/-0.495 χ^2/NDF : 353.8/16

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.586 ± 0.473 χ^2/NDF : 23.3/8

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.031 ± 0.481 χ^2/NDF : 11.3/7

Left: -0.792 ± 0.337 χ^2/NDF : 40.4/16

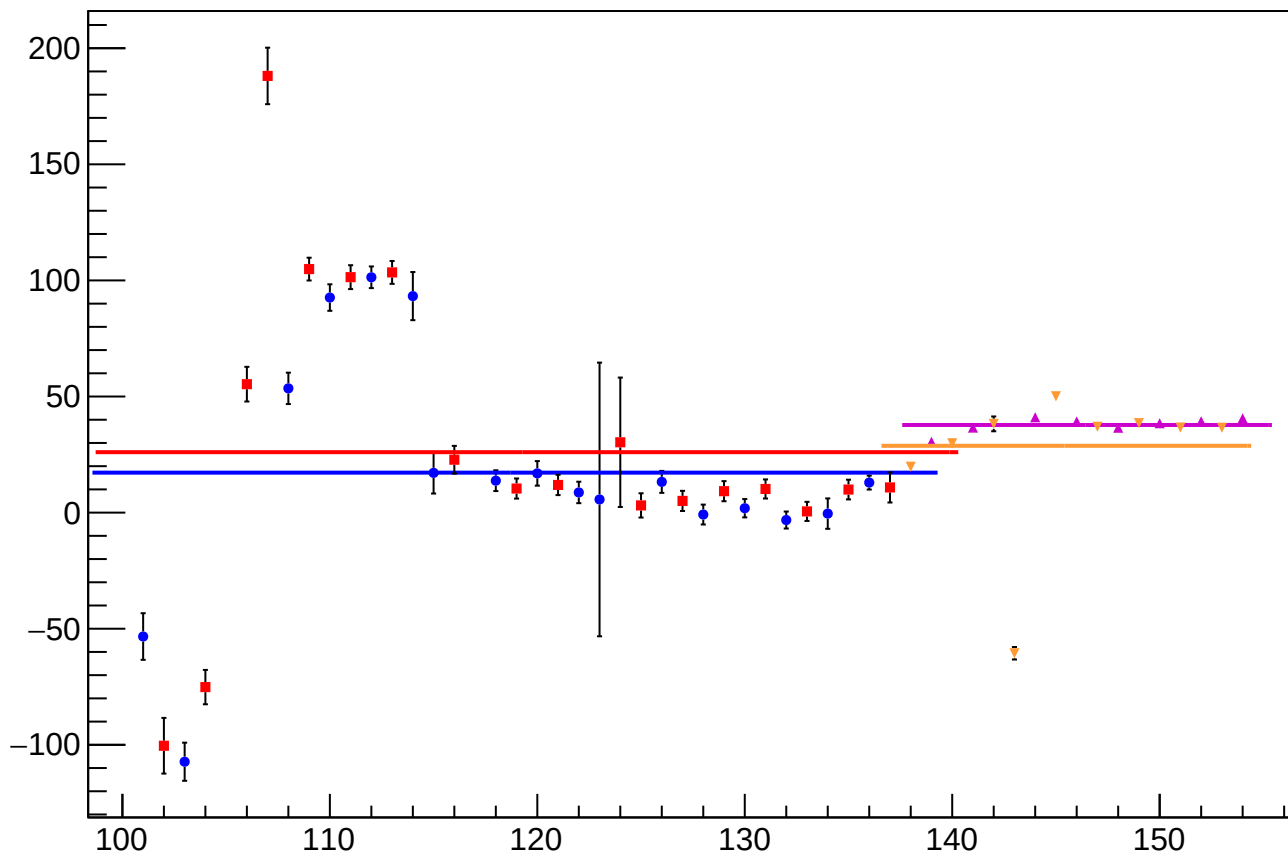
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.138 ± 0.388 χ^2/NDF : 131.2/24

Out: -1.150 ± 0.384 χ^2/NDF : 109.9/26

All: -0.649 ± 0.273 χ^2/NDF : 244.6/51

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 χ^2/NDF : 940.1/16

Left Out: 28.780 ± 0.704 χ^2/NDF : 1298.6/8

Right Out: 26.032 ± 1.244 χ^2/NDF : 1366.0/17

Left In: 37.743 ± 0.690 χ^2/NDF : 20.9/7

Left: 33.351 ± 0.493 χ^2/NDF : 1402.3/16

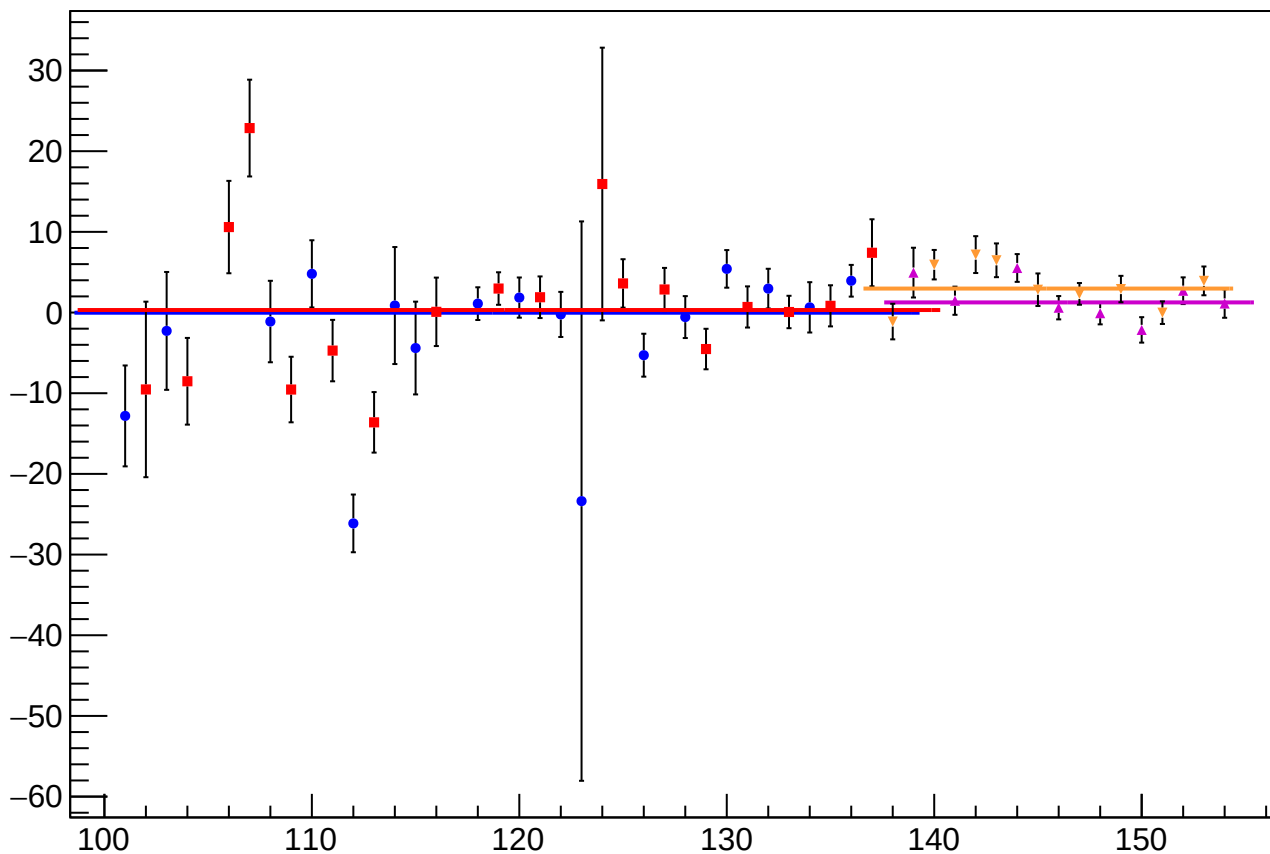
Right: 21.614 ± 0.879 χ^2/NDF : 2331.3/34

In: 32.898 ± 0.603 χ^2/NDF : 1170.0/24

Out: 28.114 ± 0.612 χ^2/NDF : 2668.3/26

All: 30.544 ± 0.430 χ^2/NDF : 3869.3/51

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.972 ± 0.585 χ^2/NDF : 17.4/8

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.255 ± 0.591 χ^2/NDF : 14.2/7

Left: 2.123 ± 0.416 χ^2/NDF : 35.8/16

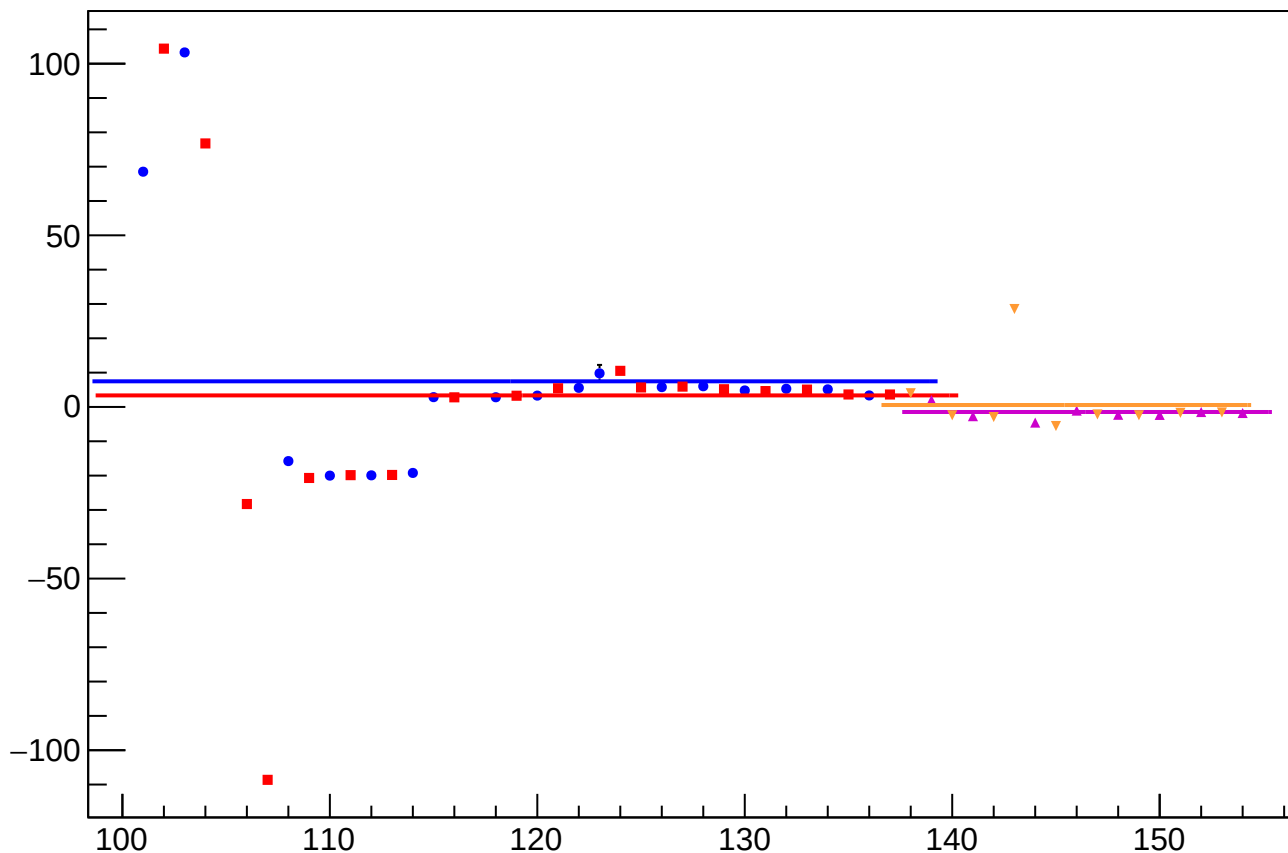
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.762 ± 0.463 χ^2/NDF : 91.8/24

Out: 1.965 ± 0.461 χ^2/NDF : 79.3/26

All: 1.366 ± 0.327 χ^2/NDF : 174.5/51

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.564 $\pm$ 0.029 χ^2 /NDF: 79614.7/8

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.469 $\pm$ 0.028 χ^2 /NDF: 4151.4/7

Left: -0.494 $\pm$ 0.020 χ^2 /NDF: 86324.9/16

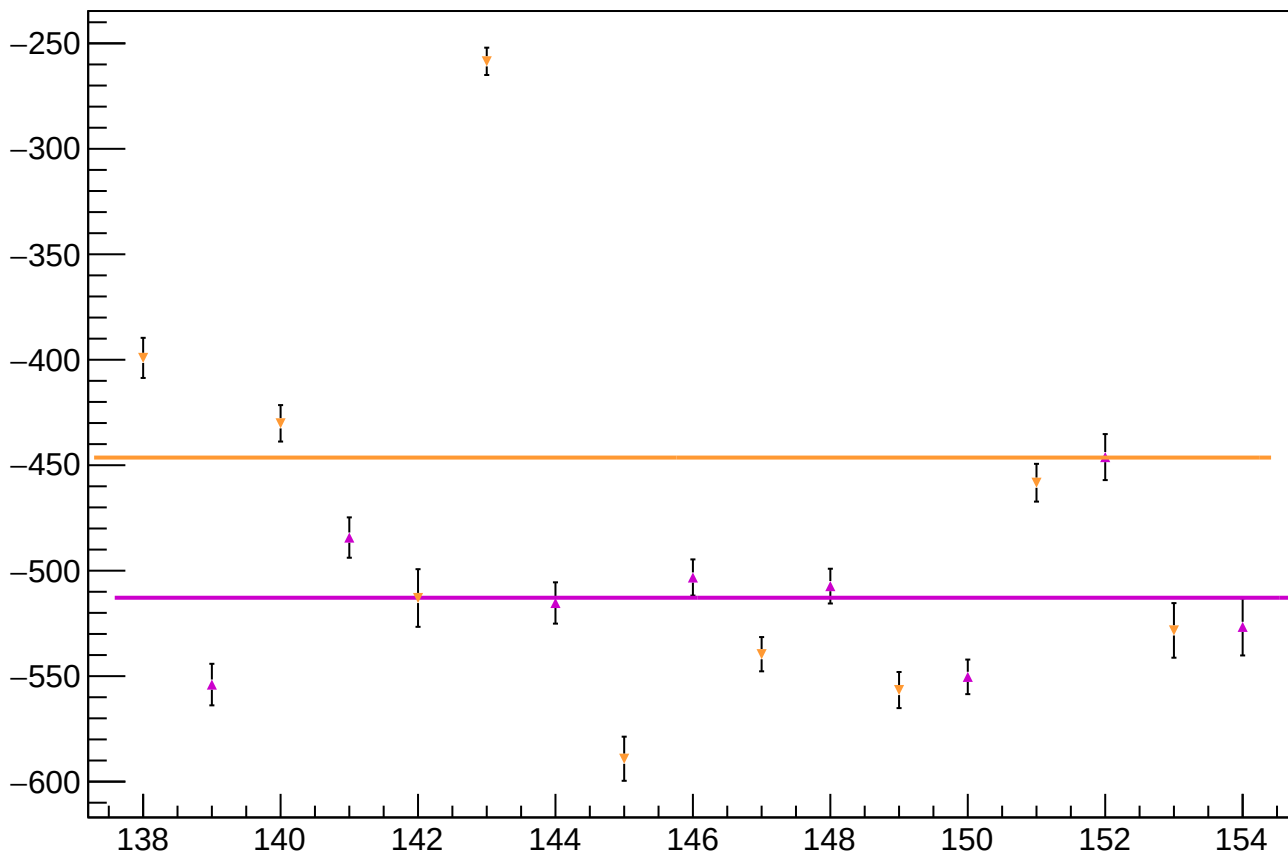
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 1.045 $\pm$ 0.024 χ^2 /NDF: 389057.9/24

Out: 1.370 $\pm$ 0.024 χ^2 /NDF: 587107.1/26

All: 1.202 $\pm$ 0.017 χ^2 /NDF: 976255.9/51

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -446.373+/-3.015 χ^2/NDF :1418.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -512.830+/-3.357 χ^2/NDF :87.5/7

Left: -476.040+/-2.243 χ^2/NDF : 1723.3/16

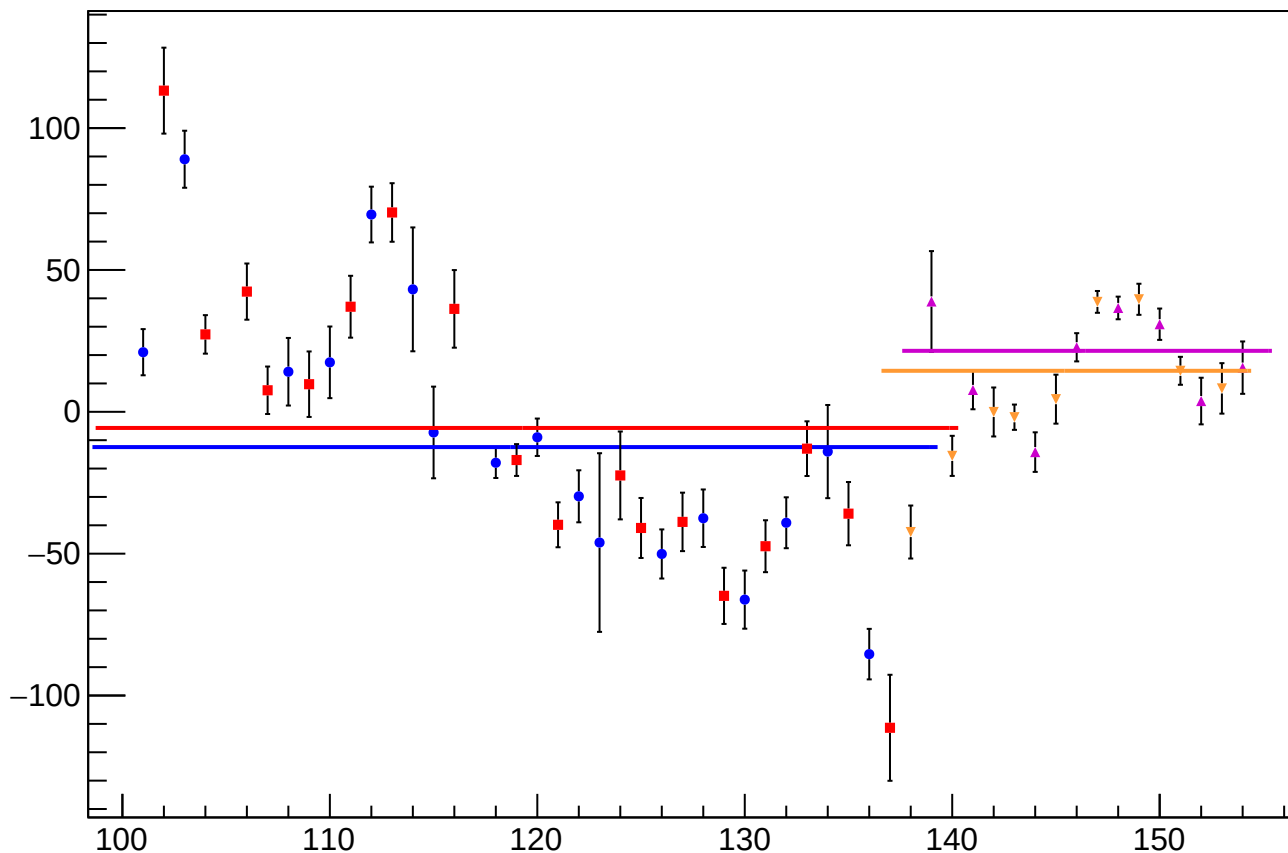
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -512.830+/-3.357 χ^2/NDF :87.5/7

Out: -446.373+/-3.015 χ^2/NDF :1418.9/8

All: -476.040+/-2.243 χ^2/NDF : 1723.3/16

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: 14.457 ± 1.948 $\chi^2/\text{NDF}: 134.2/8$

Right Out: -5.686 ± 2.263 $\chi^2/\text{NDF}: 333.7/17$

Left In: 21.495 ± 2.194 $\chi^2/\text{NDF}: 53.6/7$

Left: 17.560 ± 1.457 $\chi^2/\text{NDF}: 193.5/16$

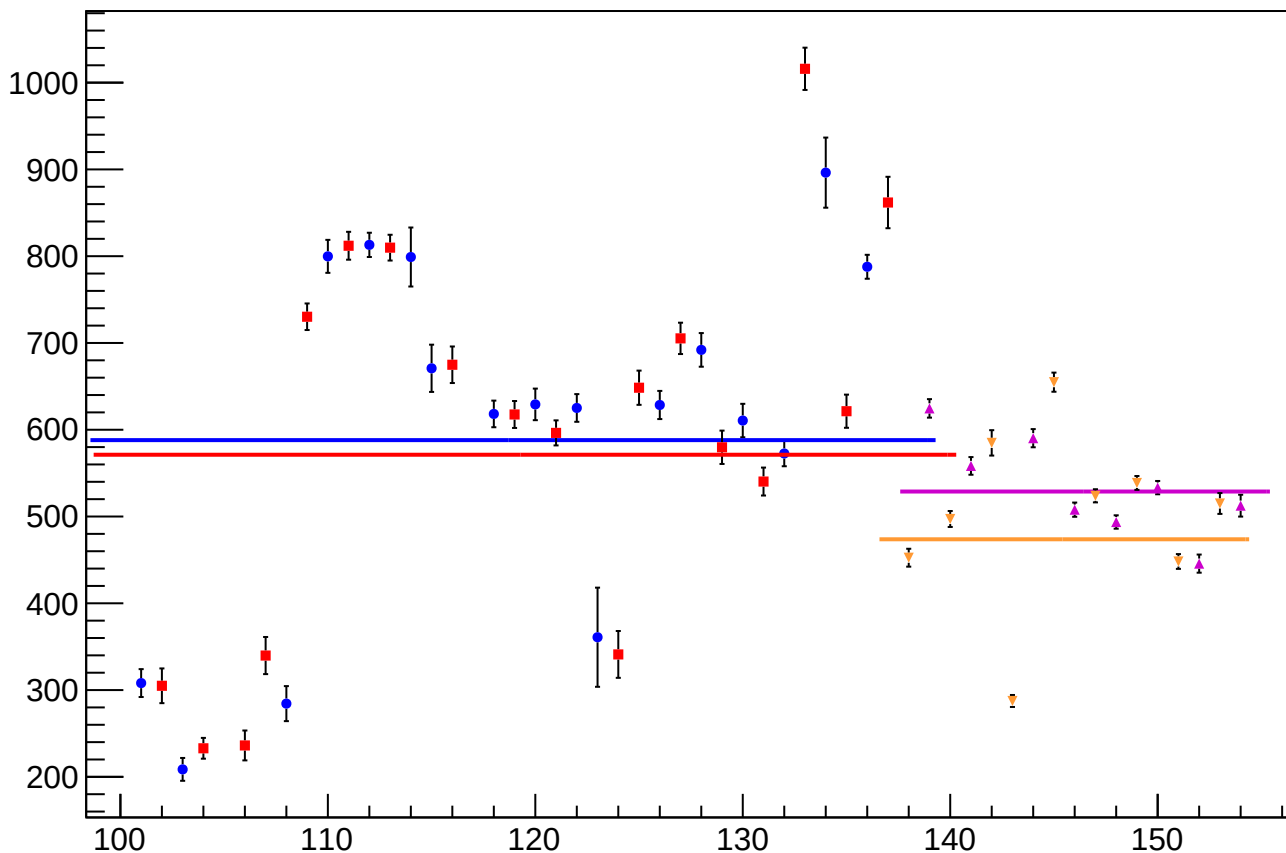
Right: -8.982 ± 1.618 $\chi^2/\text{NDF}: 678.2/34$

In: 5.443 ± 1.592 $\chi^2/\text{NDF}: 507.0/24$

Out: 5.882 ± 1.476 $\chi^2/\text{NDF}: 513.4/26$

All: 5.679 ± 1.083 $\chi^2/\text{NDF}: 1020.4/51$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 473.758 $\pm$ 3.032 χ^2 /NDF:1196.1/8

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 528.798 $\pm$ 3.302 χ^2 /NDF:216.0/7

Left: 498.938 $\pm$ 2.233 χ^2 /NDF: 1562.9/16

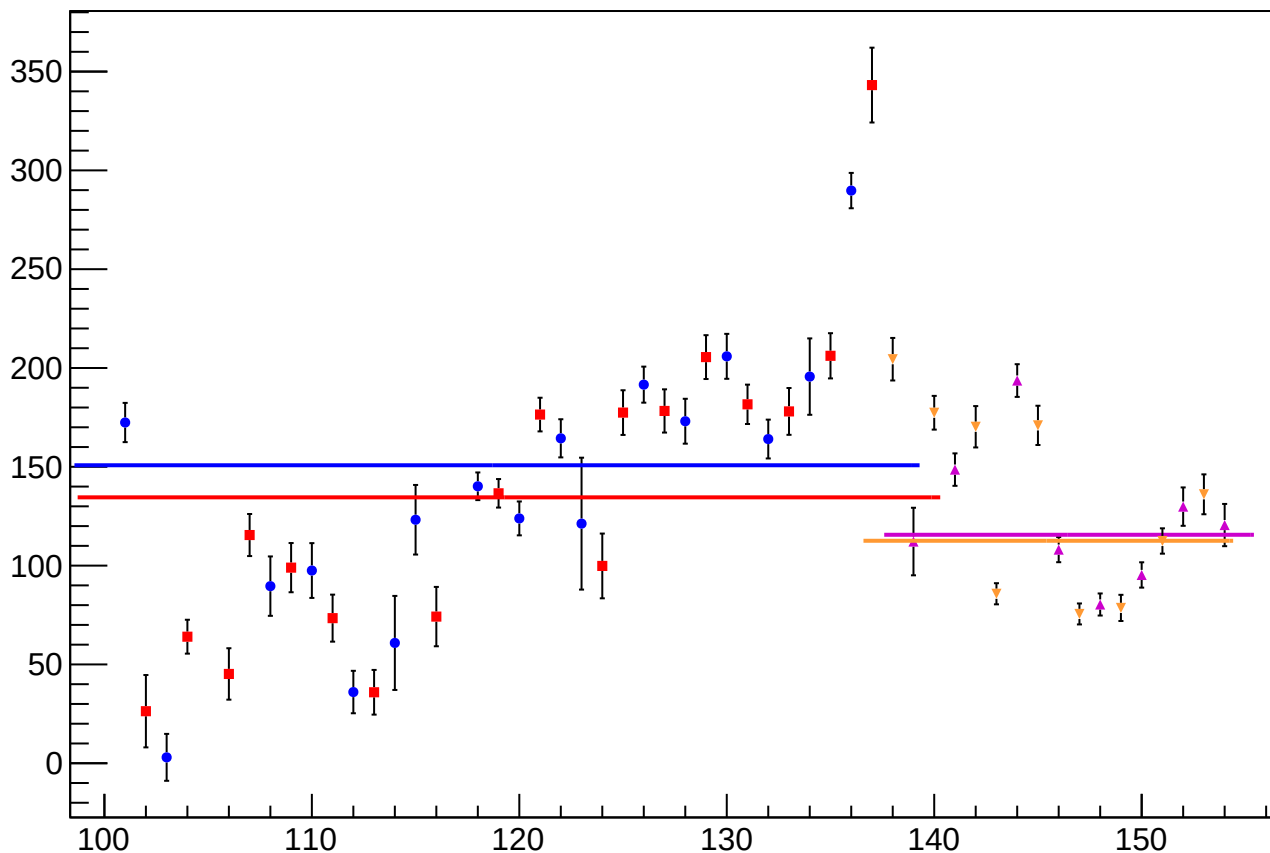
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 550.585 $\pm$ 2.625 χ^2 /NDF:2462.1/24

Out: 507.661 $\pm$ 2.448 χ^2 /NDF:4235.9/26

All: 527.628 $\pm$ 1.791 χ^2 /NDF: 6841.0/51

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 112.576 $\pm$ 2.432 χ^2 /NDF:301.0/8

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 115.608 $\pm$ 2.739 χ^2 /NDF:158.9/7

Left: 113.913 $\pm$ 1.819 χ^2 /NDF: 460.6/16

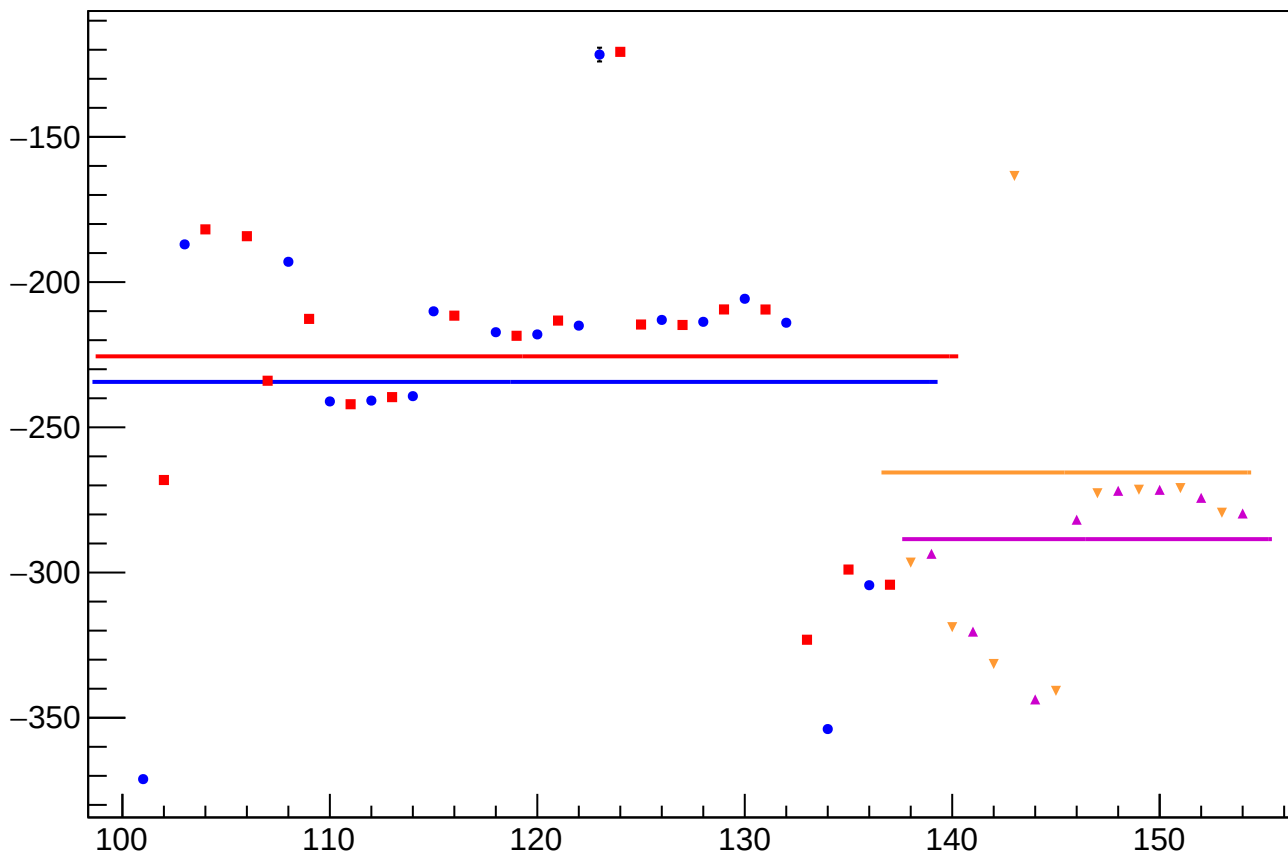
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 133.584 $\pm$ 1.915 χ^2 /NDF:876.3/24

Out: 122.749 $\pm$ 1.782 χ^2 /NDF:915.0/26

All: 127.777 $\pm$ 1.305 χ^2 /NDF: 1808.5/51

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -265.547+/-0.127 χ^2/NDF : 202348.9/8

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -288.497+/-0.136 χ^2/NDF : 27790.4/7

Left: -276.238+/-0.093 χ^2/NDF : 245356.7/16

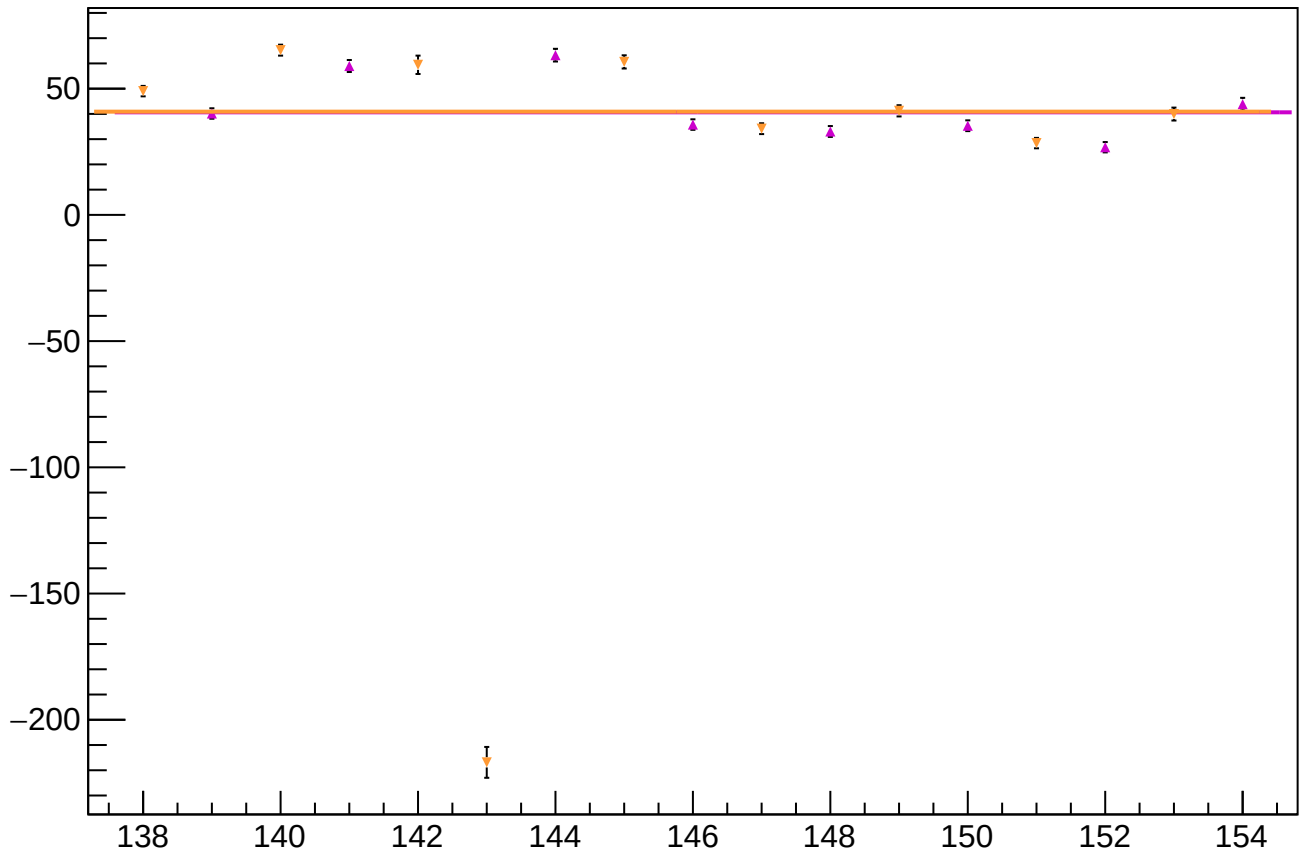
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -263.804+/-0.100 χ^2/NDF : 245253.9/24

Out: -247.770+/-0.095 χ^2/NDF : 339389.1/26

All: -255.323+/-0.069 χ^2/NDF : 598166.8/51

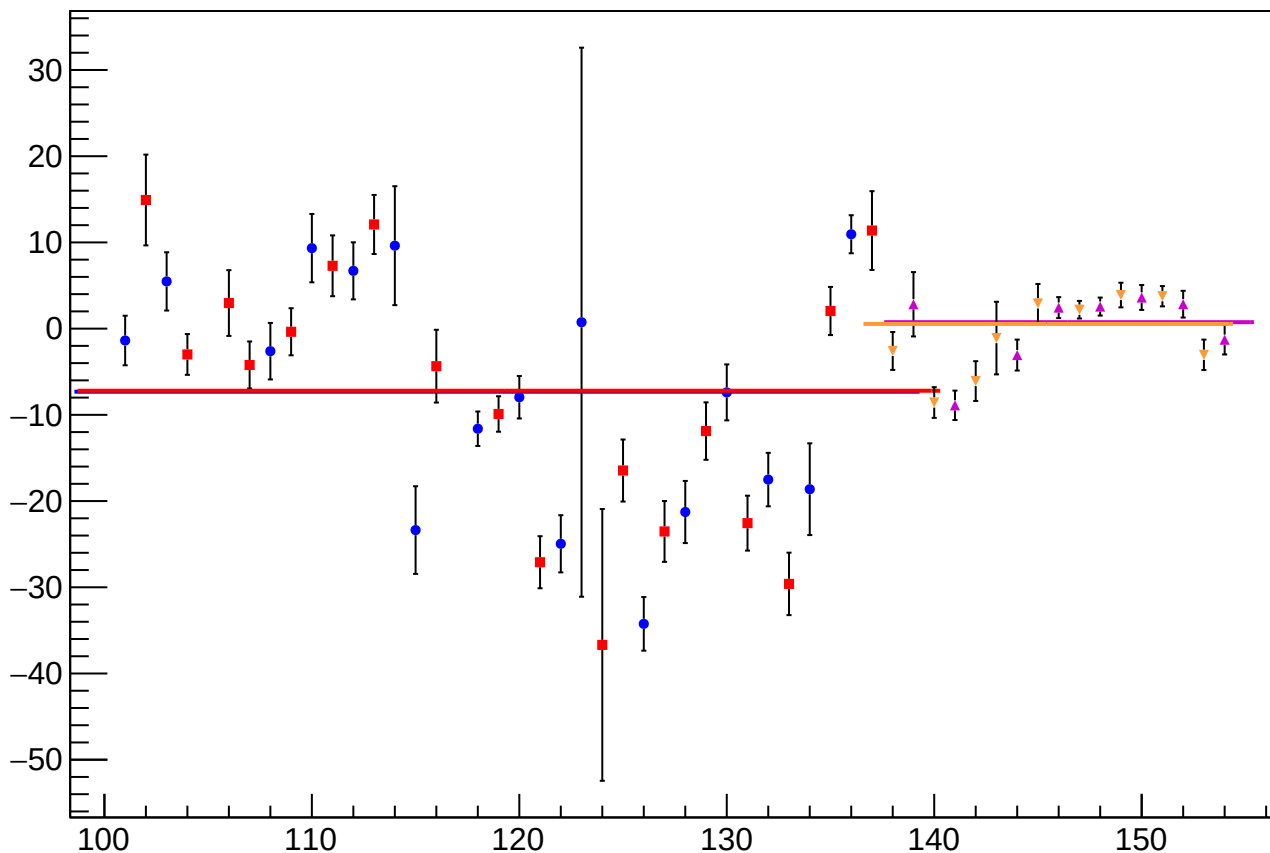
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.892+/-0.816 χ^2/NDF :2049.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.631+/-0.783 χ^2/NDF :212.0/7

Left: 40.756+/-0.565 χ^2/NDF : 2261.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.631+/-0.783 χ^2/NDF :212.0/7
 Out: 40.892+/-0.816 χ^2/NDF :2049.7/8
 All: 40.756+/-0.565 χ^2/NDF : 2261.7/16

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.547 ± 0.538 χ^2/NDF : 57.4/8

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.749 ± 0.530 χ^2/NDF : 48.9/7

Left: 0.649 ± 0.378 χ^2/NDF : 106.3/16

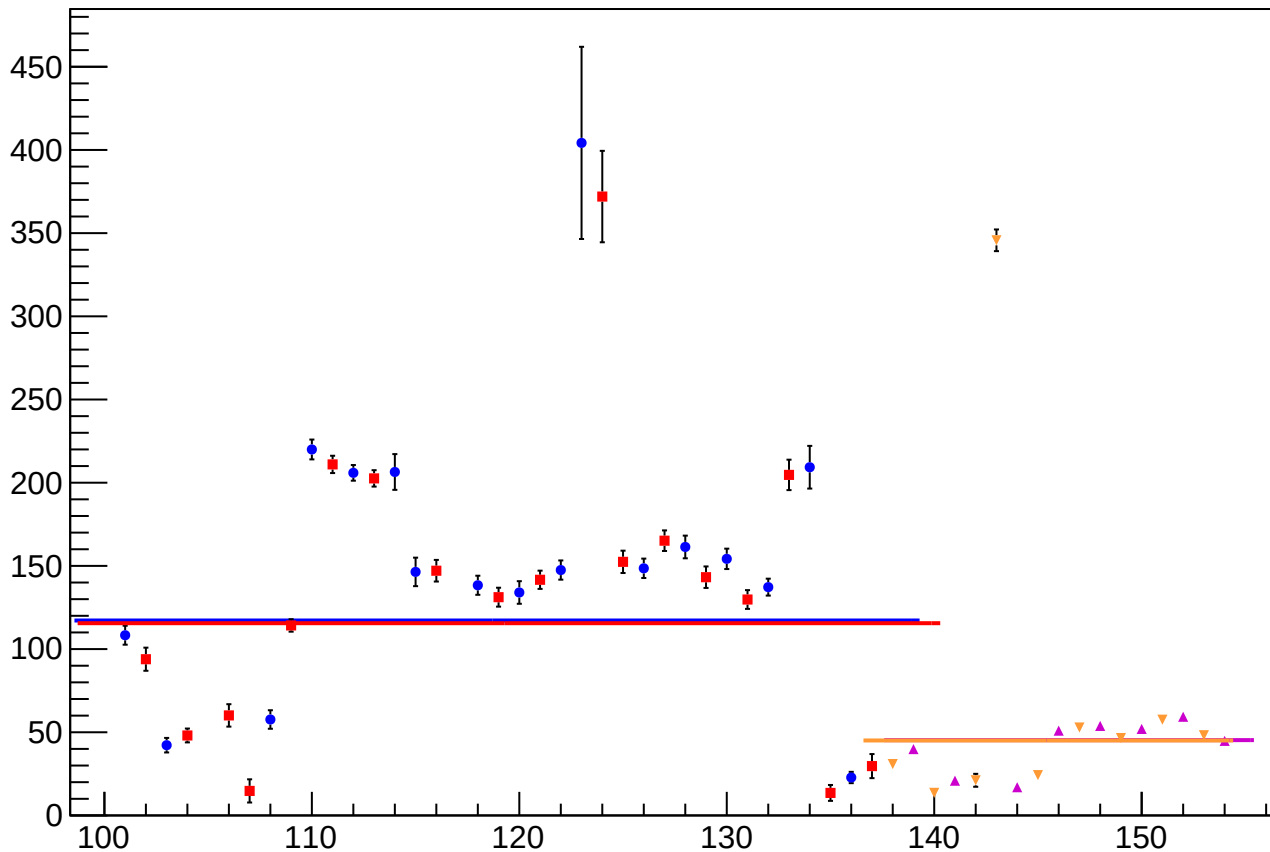
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -1.800 ± 0.439 χ^2/NDF : 401.0/24

Out: -2.032 ± 0.439 χ^2/NDF : 378.5/26

All: -1.916 ± 0.310 χ^2/NDF : 779.6/51

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 45.073 $\pm$ 0.810 χ^2 /NDF:2506.7/8

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 45.280 $\pm$ 0.770 χ^2 /NDF:298.3/7

Left: 45.182 $\pm$ 0.558 χ^2 /NDF: 2805.1/16

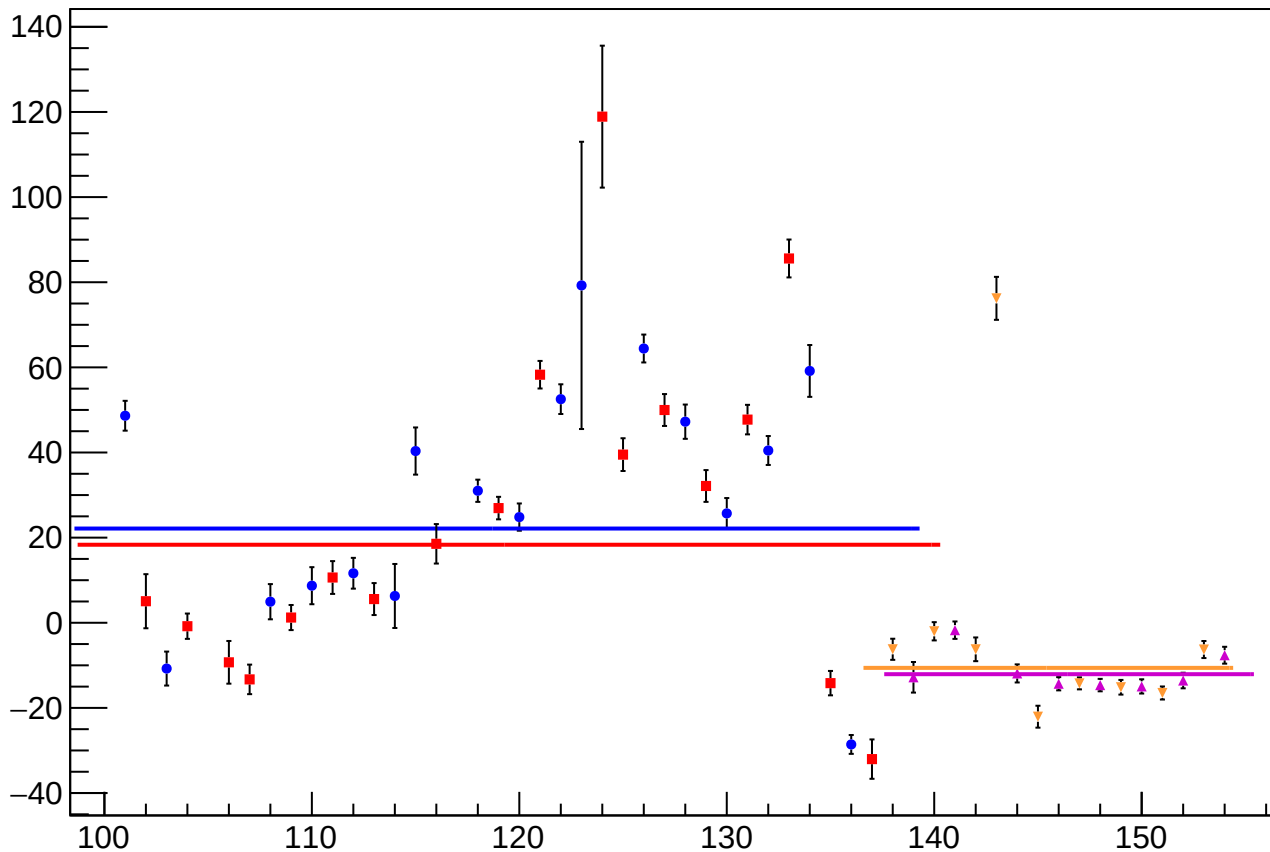
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 61.767 $\pm$ 0.676 χ^2 /NDF:4457.9/24

Out: 63.471 $\pm$ 0.696 χ^2 /NDF:6631.5/26

All: 62.594 $\pm$ 0.485 χ^2 /NDF: 11092.4/51

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -10.596 ± 0.672 $\chi^2/\text{NDF}: 370.5/8$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -12.080 ± 0.655 $\chi^2/\text{NDF}: 39.4/7$

Left: -11.356 ± 0.469 $\chi^2/\text{NDF}: 412.4/16$

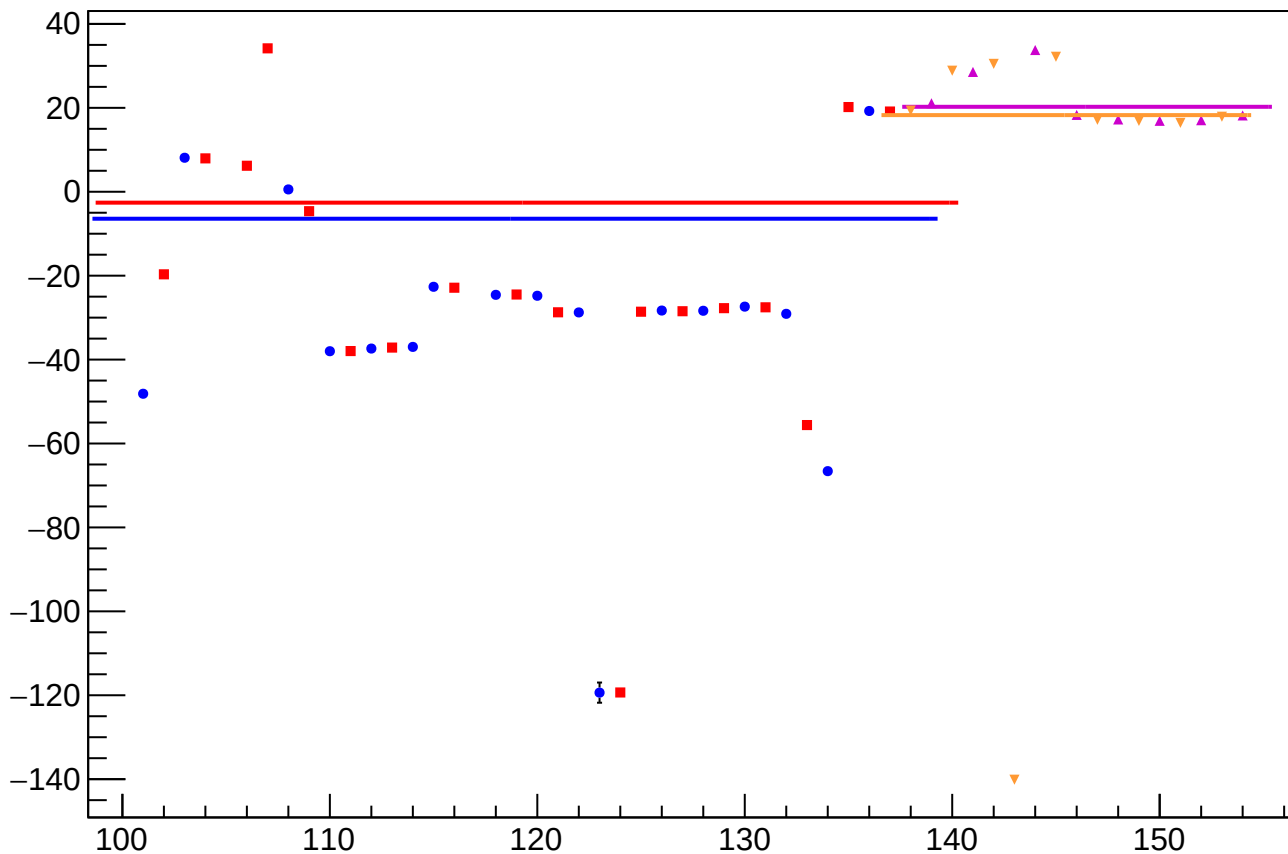
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -0.068 ± 0.528 $\chi^2/\text{NDF}: 2060.2/24$

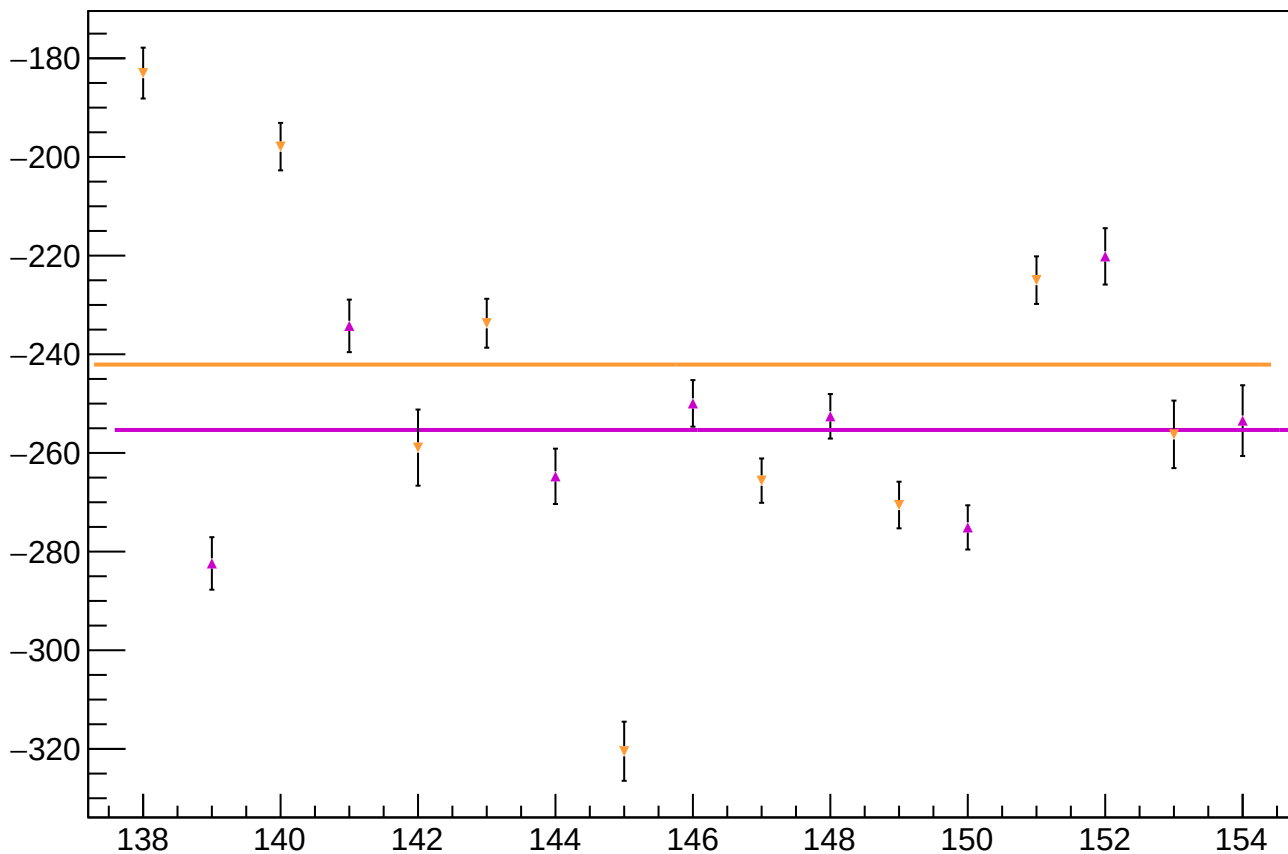
Out: 0.172 ± 0.532 $\chi^2/\text{NDF}: 2131.6/26$

All: 0.051 ± 0.375 $\chi^2/\text{NDF}: 4191.9/51$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -242.088+/-1.755 χ^2/NDF :475.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.344+/-1.837 χ^2/NDF :103.5/7

Left: -248.412+/-1.269 χ^2/NDF : 605.8/16

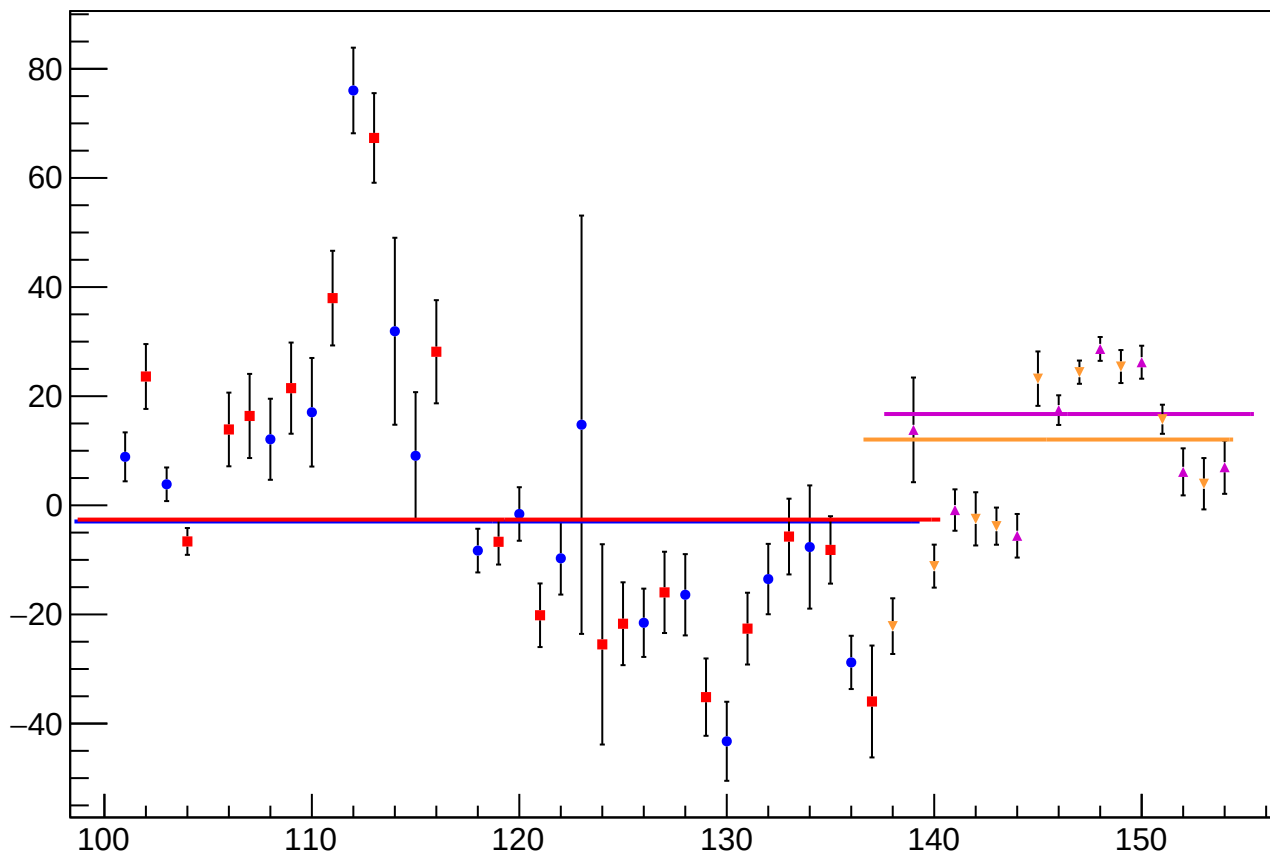
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.344+/-1.837 χ^2/NDF :103.5/7

Out: -242.088+/-1.755 χ^2/NDF :475.1/8

All: -248.412+/-1.269 χ^2/NDF : 605.8/16

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 12.057 ± 1.127 $\chi^2/\text{NDF}: 173.3/8$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 16.732 ± 1.201 $\chi^2/\text{NDF}: 102.6/7$

Left: 14.246 ± 0.822 $\chi^2/\text{NDF}: 283.9/16$

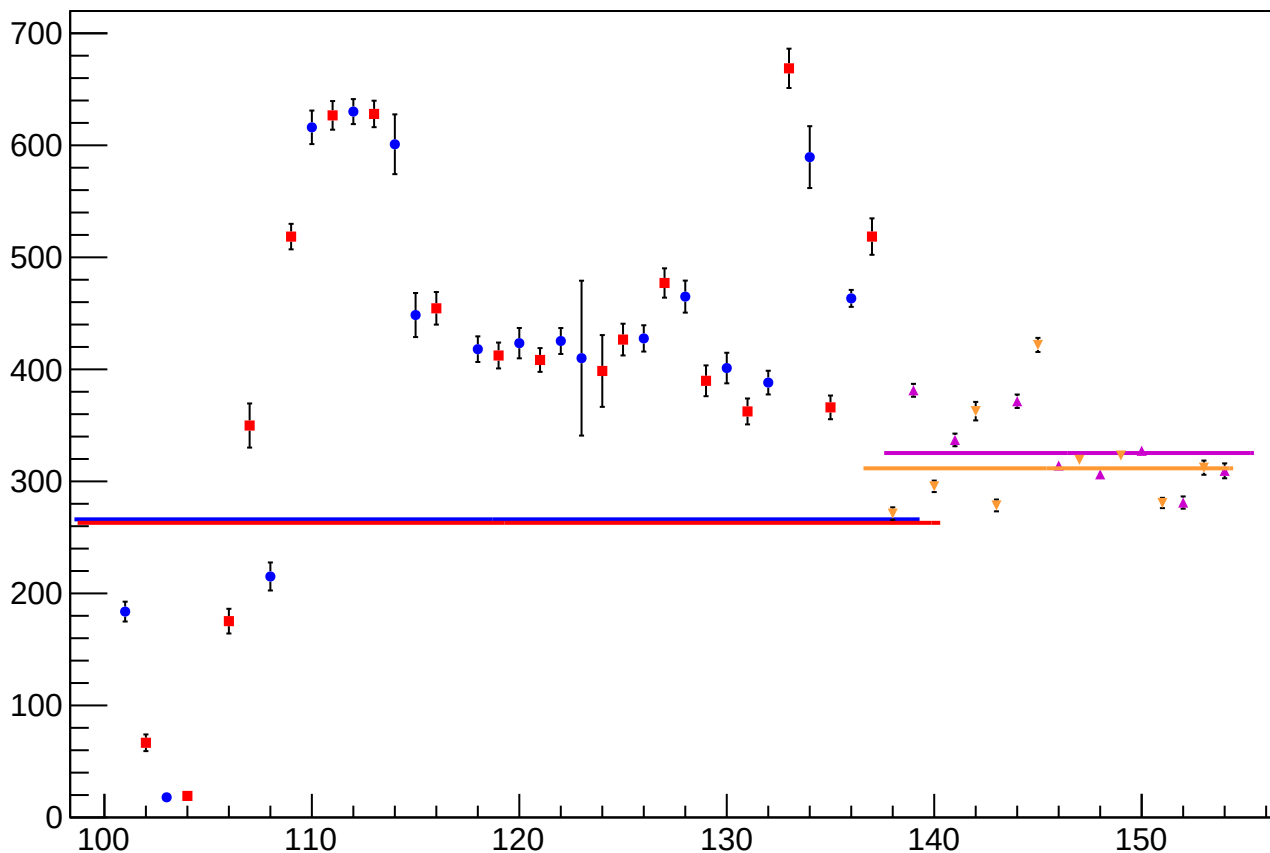
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: 8.731 ± 0.926 $\chi^2/\text{NDF}: 415.3/24$

Out: 6.279 ± 0.878 $\chi^2/\text{NDF}: 450.4/26$

All: 7.440 ± 0.637 $\chi^2/\text{NDF}: 869.4/51$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 311.666 $\pm$ 1.752 χ^2 /NDF: 501.1/8

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 325.313 $\pm$ 1.804 χ^2 /NDF: 255.6/7

Left: 318.287 $\pm$ 1.257 χ^2 /NDF: 786.2/16

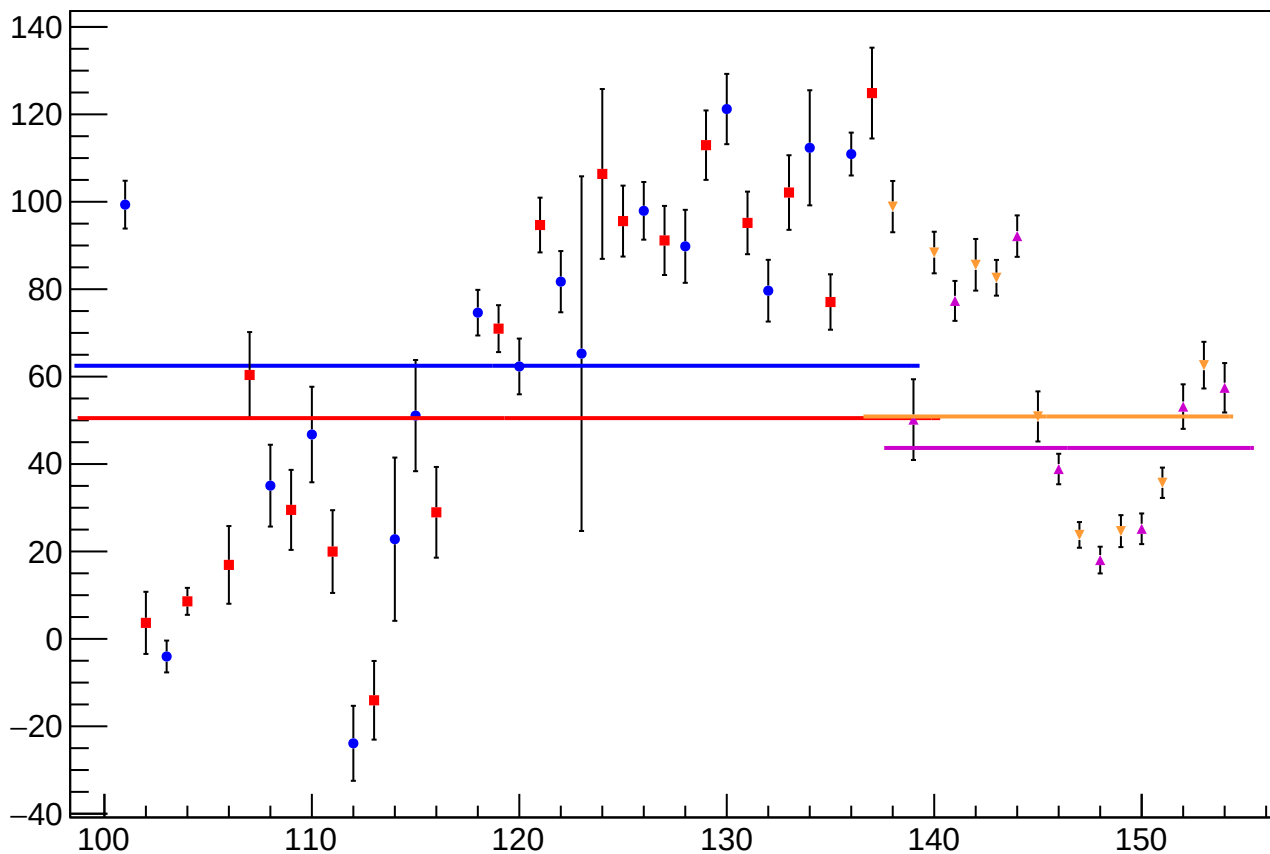
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 304.823 $\pm$ 1.459 χ^2 /NDF: 8272.2/24

Out: 295.352 $\pm$ 1.428 χ^2 /NDF: 8931.9/26

All: 299.986 $\pm$ 1.021 χ^2 /NDF: 17225.6/51

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 50.881 ± 1.413 $\chi^2/\text{NDF}: 384.3/8$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 43.683 ± 1.500 $\chi^2/\text{NDF}: 268.6/7$

Left: 47.497 ± 1.029 $\chi^2/\text{NDF}: 665.1/16$

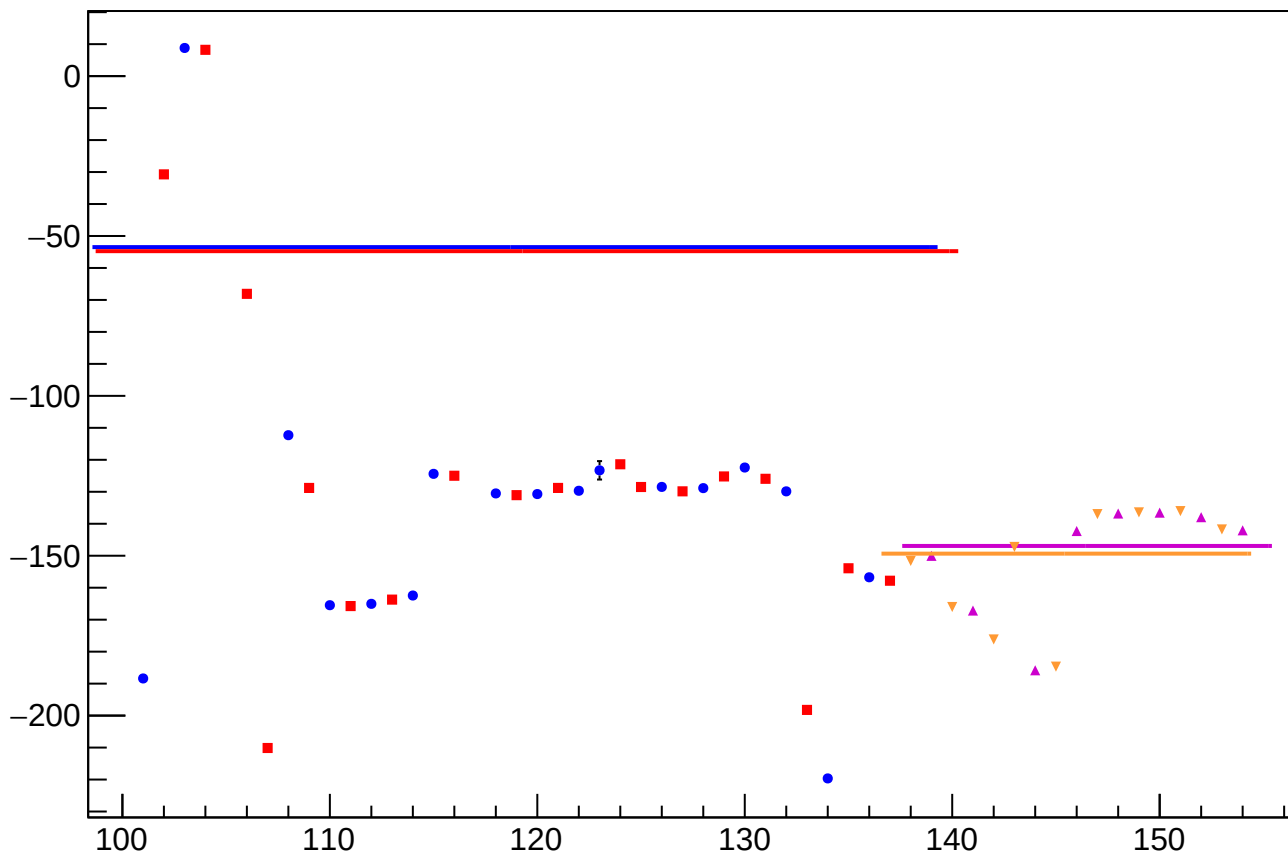
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 52.019 ± 1.119 $\chi^2/\text{NDF}: 1059.1/24$

Out: 50.722 ± 1.072 $\chi^2/\text{NDF}: 1034.9/26$

All: 51.342 ± 0.774 $\chi^2/\text{NDF}: 2094.7/51$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -149.347 $\pm$ 0.074 χ^2 /NDF: 46503.1/8

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -146.939 $\pm$ 0.074 χ^2 /NDF: 39090.0/7

Left: -148.153 $\pm$ 0.052 χ^2 /NDF: 86124.6/16

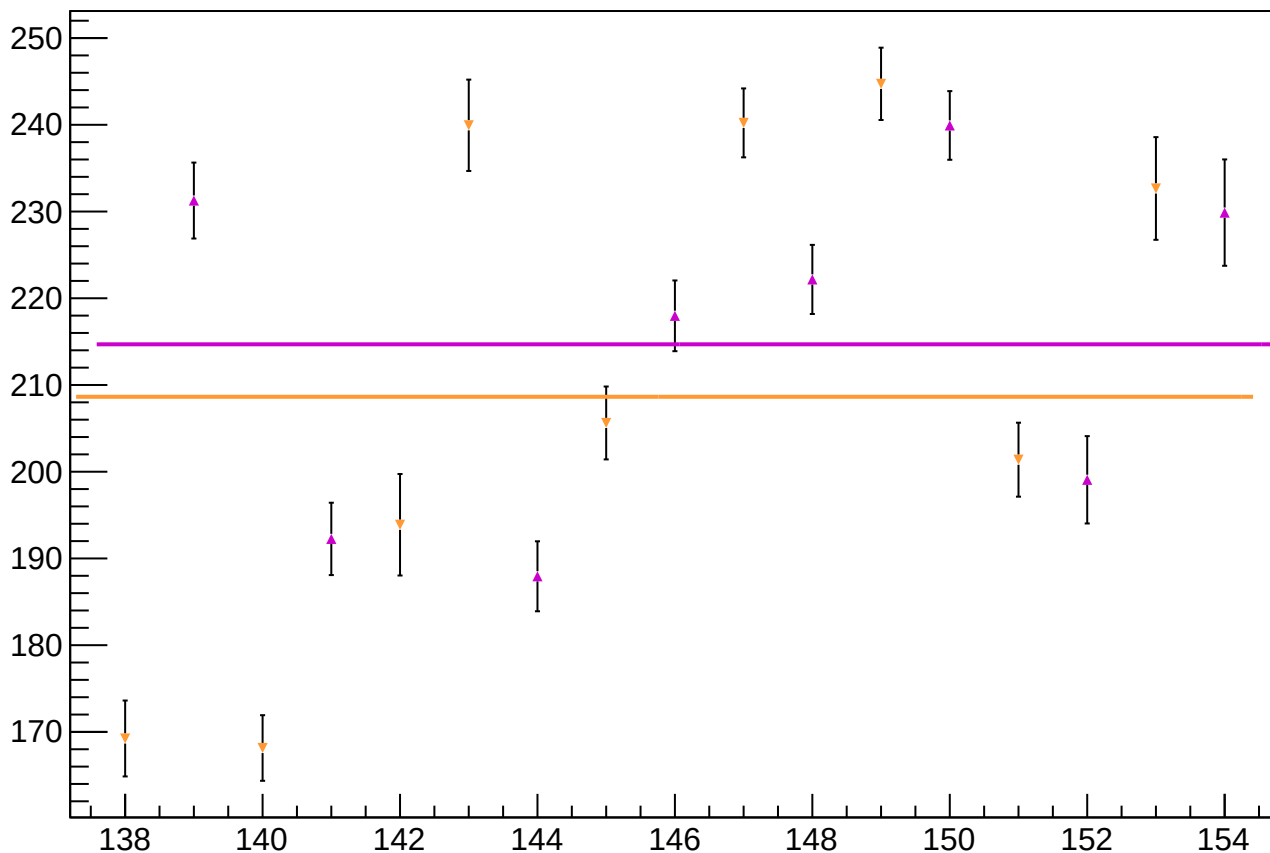
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -97.730 $\pm$ 0.051 χ^2 /NDF: 2104375.1/24

Out: -101.113 $\pm$ 0.052 χ^2 /NDF: 1841932.4/26

All: -99.405 $\pm$ 0.036 χ^2 /NDF: 3948485.5/51

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.640+/-1.493 χ^2/NDF :395.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 214.690+/-1.536 χ^2/NDF :147.8/7

Left: 211.581+/-1.071 χ^2/NDF : 551.0/16

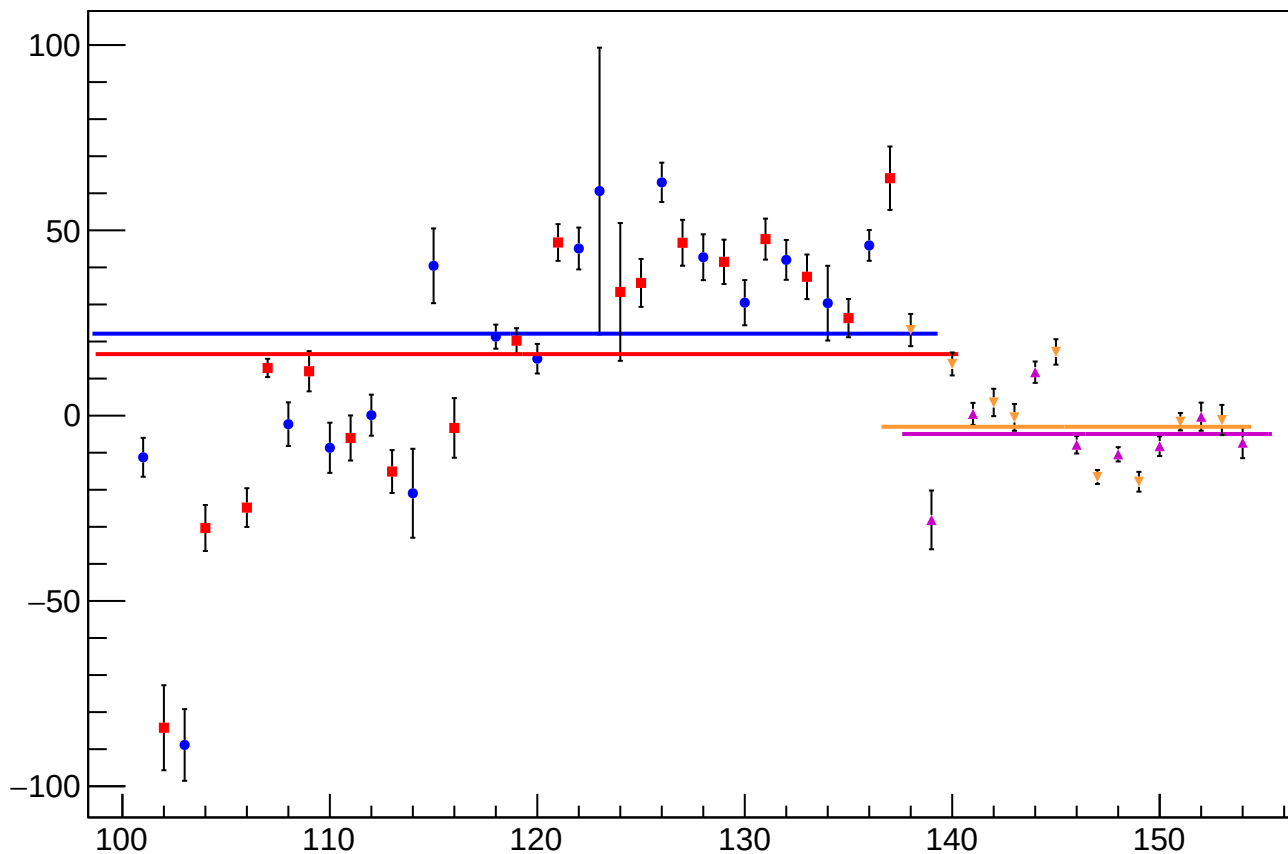
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 214.690+/-1.536 χ^2/NDF :147.8/7

Out: 208.640+/-1.493 χ^2/NDF :395.3/8

All: 211.581+/-1.071 χ^2/NDF : 551.0/16

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: -3.005 ± 0.974 $\chi^2/\text{NDF}: 187.3/8$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -4.951 ± 1.020 $\chi^2/\text{NDF}: 58.2/7$

Left: -3.933 ± 0.704 $\chi^2/\text{NDF}: 247.5/16$

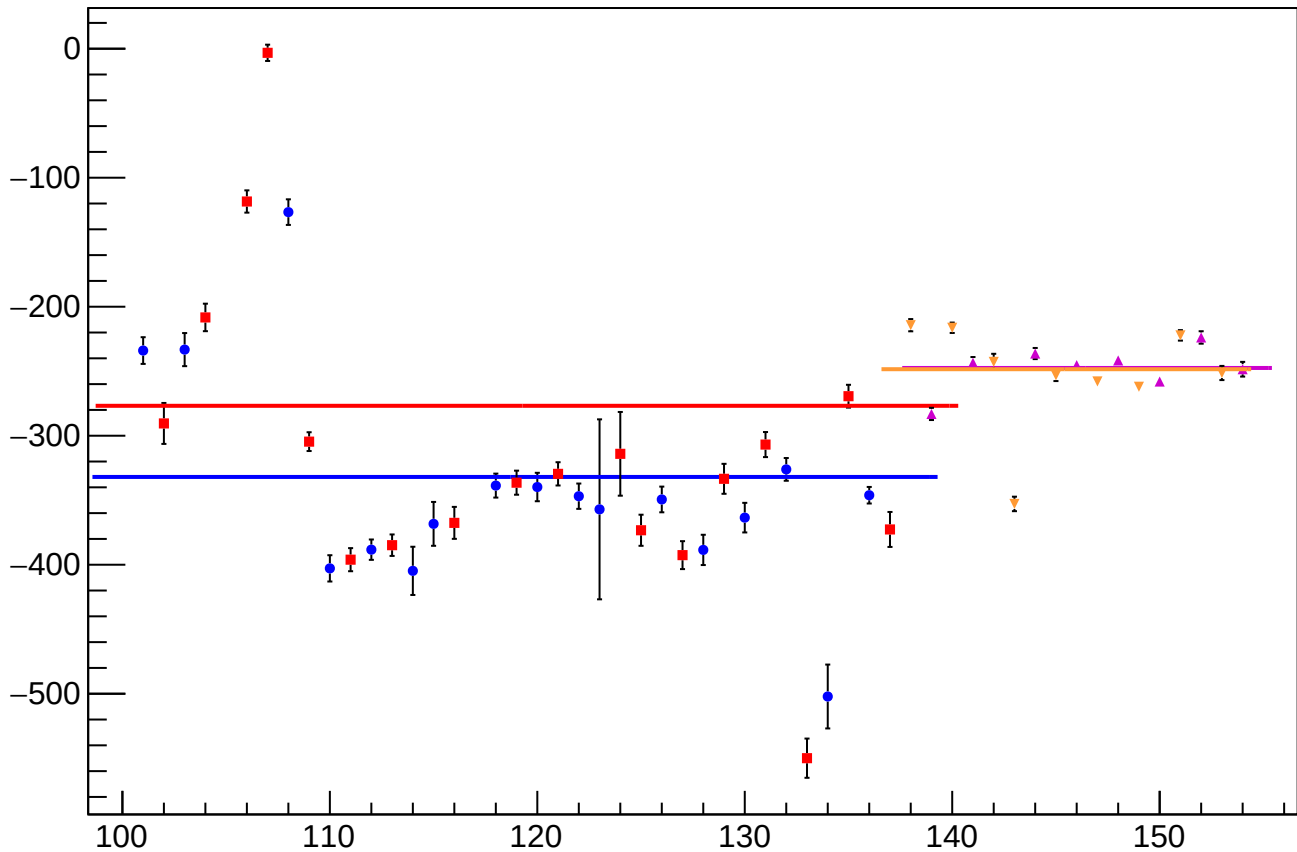
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 4.644 ± 0.819 $\chi^2/\text{NDF}: 689.9/24$

Out: 4.559 ± 0.763 $\chi^2/\text{NDF}: 760.5/26$

All: 4.598 ± 0.559 $\chi^2/\text{NDF}: 1450.4/51$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.439 ± 1.498 χ^2/NDF : 523.7/8

Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17

Left In: -247.477 ± 1.519 χ^2/NDF : 99.0/7

Left: -247.965 ± 1.067 χ^2/NDF : 623.0/16

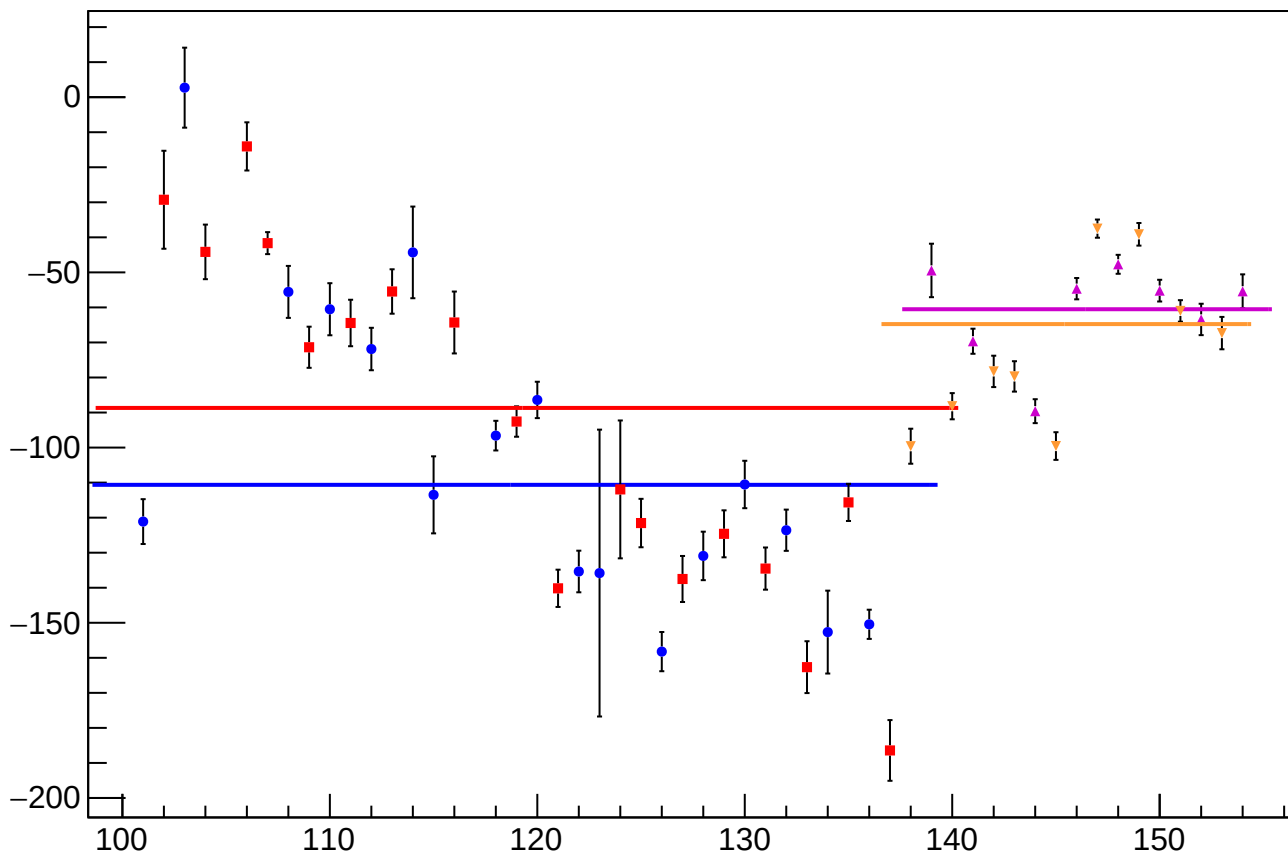
Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34

In: -269.383 ± 1.307 χ^2/NDF : 1686.6/24

Out: -256.735 ± 1.260 χ^2/NDF : 3959.0/26

All: -262.825 ± 0.907 χ^2/NDF : 5694.1/51

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: -64.757+/-1.216 χ^2/NDF : 361.5/8

Right Out: -88.683+/-1.434 χ^2/NDF : 964.0/17

Left In: -60.518+/-1.267 χ^2/NDF : 111.9/7

Left: -62.725+/-0.877 χ^2/NDF : 479.2/16

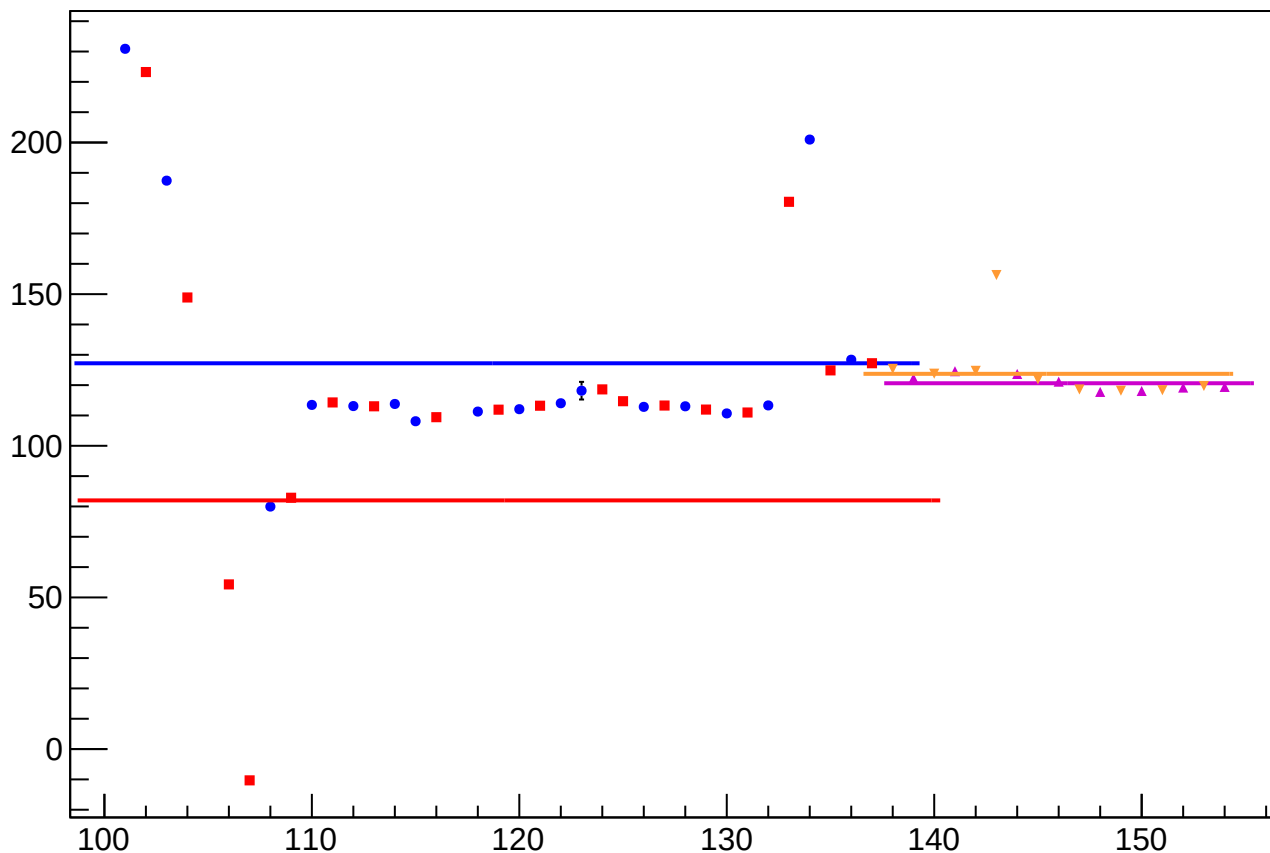
Right: -98.593+/-1.062 χ^2/NDF : 1578.5/34

In: -80.119+/-0.989 χ^2/NDF : 1232.5/24

Out: -74.763+/-0.928 χ^2/NDF : 1487.3/26

All: -77.270+/-0.677 χ^2/NDF : 2735.4/51

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.727 $\pm$ 0.063 χ^2 /NDF: 24217.5/8

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.624 $\pm$ 0.062 χ^2 /NDF: 1532.9/7

Left: 122.167 $\pm$ 0.044 χ^2 /NDF: 26980.8/16

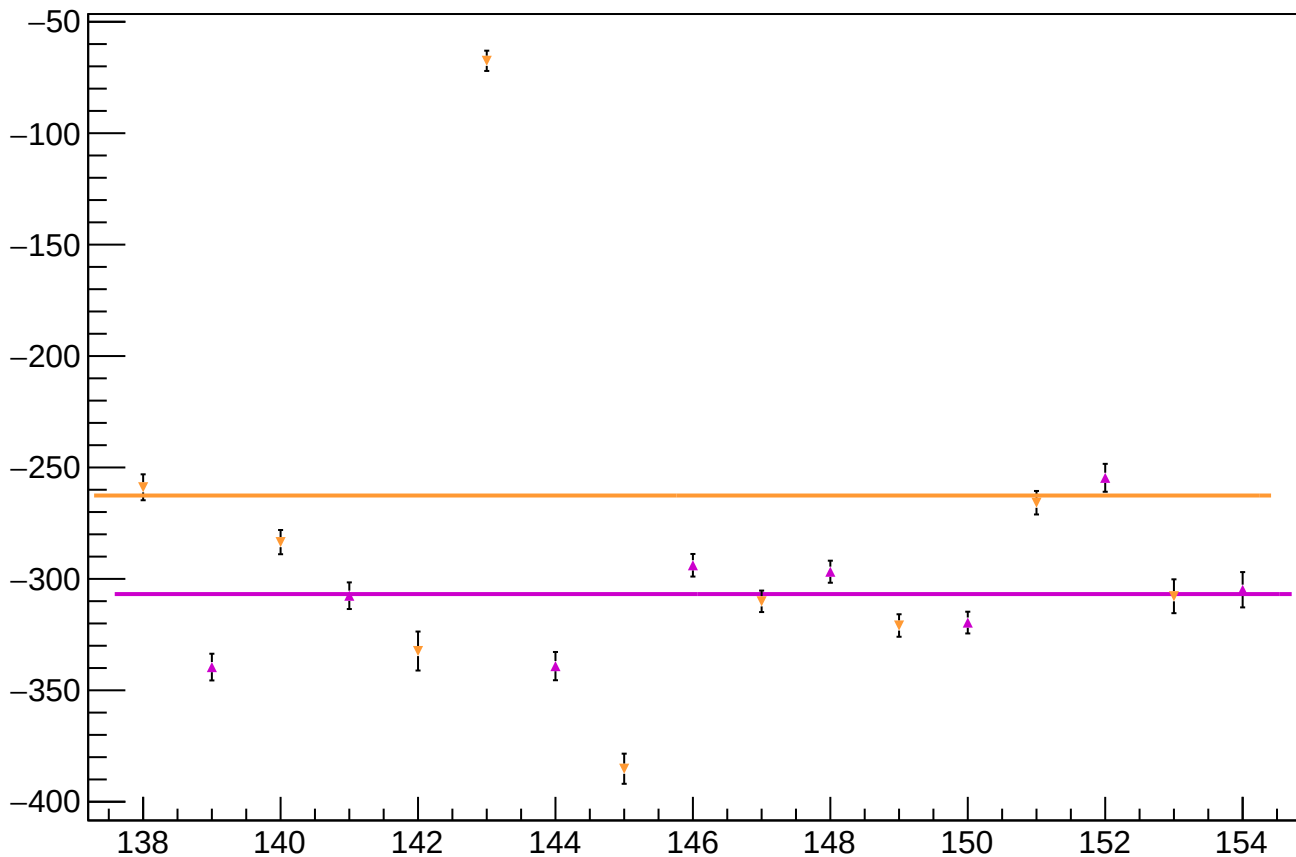
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.788 $\pm$ 0.051 χ^2 /NDF: 193218.0/24

Out: 106.679 $\pm$ 0.048 χ^2 /NDF: 954839.8/26

All: 114.269 $\pm$ 0.035 χ^2 /NDF: 1200586.1/51

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -262.584+/-1.883 χ^2/NDF :2512.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -306.813+/-2.025 χ^2/NDF :142.9/7

Left: -283.091+/-1.379 χ^2/NDF : 2911.0/16

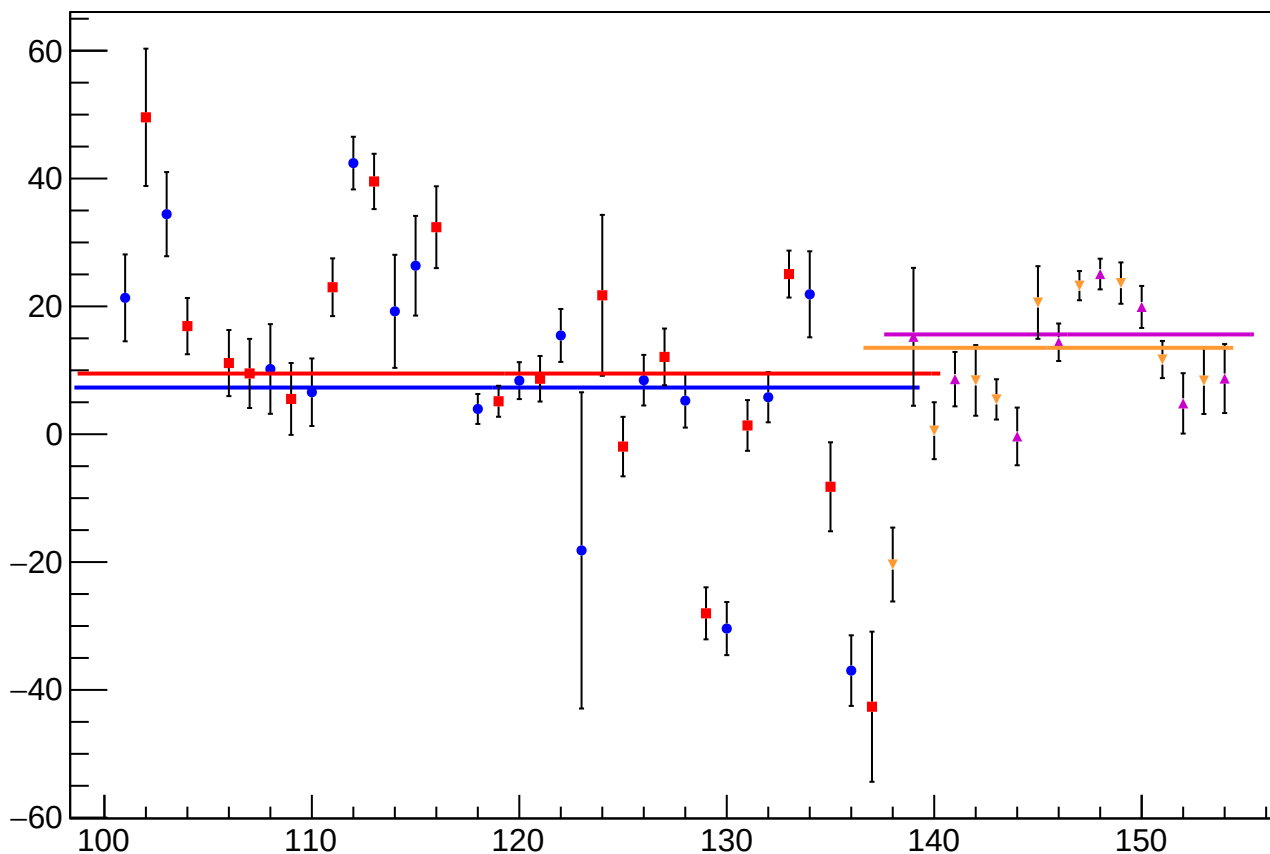
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.813+/-2.025 χ^2/NDF :142.9/7

Out: -262.584+/-1.883 χ^2/NDF :2512.2/8

All: -283.091+/-1.379 χ^2/NDF : 2911.0/16

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 13.518 $\pm$ 1.207 χ^2 /NDF:81.1/8

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 15.614 $\pm$ 1.320 χ^2 /NDF:39.4/7

Left: 14.472 $\pm$ 0.891 χ^2 /NDF: 121.9/16

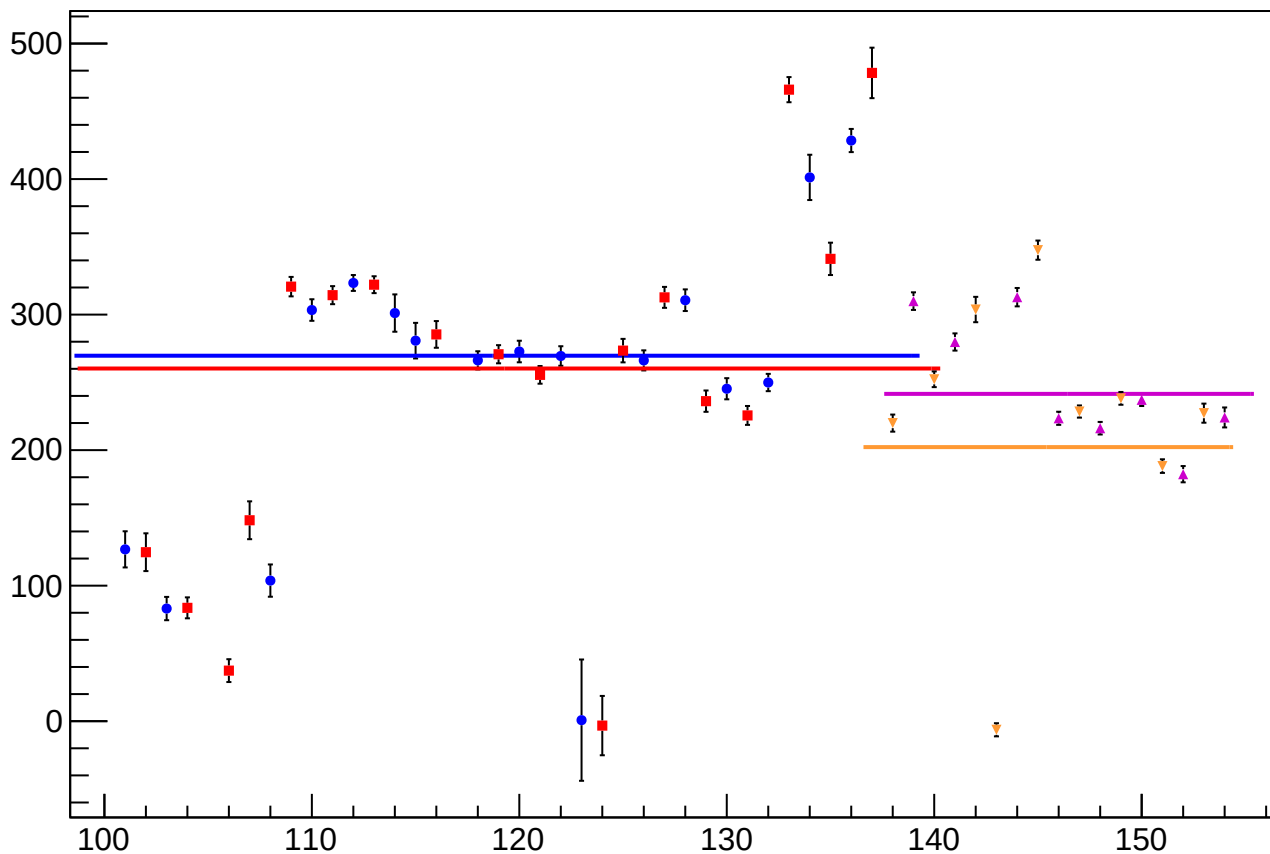
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 10.656 $\pm$ 0.838 χ^2 /NDF:323.7/24

Out: 11.270 $\pm$ 0.802 χ^2 /NDF:318.5/26

All: 10.977 $\pm$ 0.579 χ^2 /NDF: 642.4/51

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 202.230 $\pm$ 1.881 χ^2 /NDF:2581.1/8

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 241.507 $\pm$ 1.985 χ^2 /NDF:405.9/7

Left: 220.804 $\pm$ 1.365 χ^2 /NDF: 3193.2/16

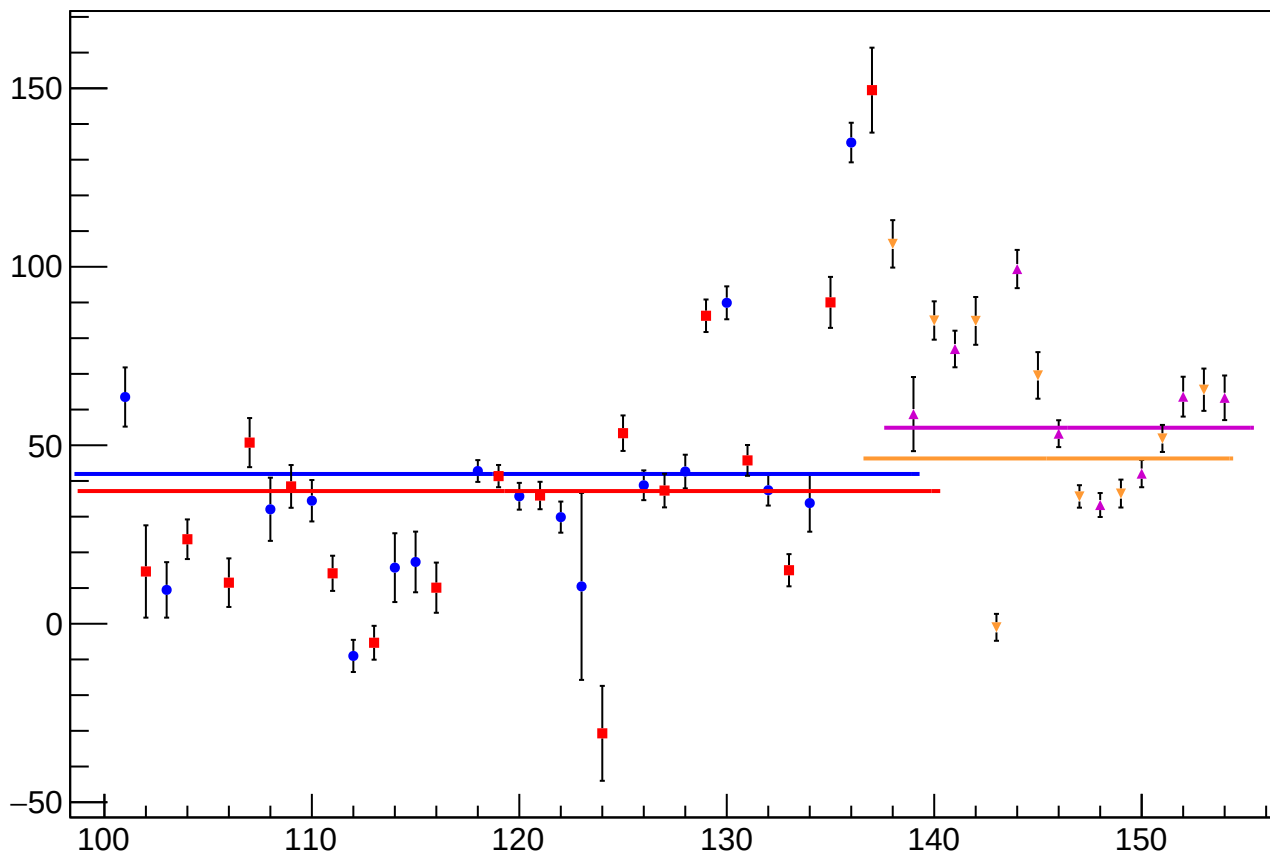
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 254.958 $\pm$ 1.435 χ^2 /NDF:1878.5/24

Out: 229.754 $\pm$ 1.363 χ^2 /NDF:5560.4/26

All: 241.710 $\pm$ 0.988 χ^2 /NDF: 7601.1/51

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2/NDF : 574.2/16

Left Out: 46.301 $\pm$ 1.511 χ^2/NDF :367.5/8

Right Out: 37.171 $\pm$ 1.236 χ^2/NDF : 470.9/17

Left In: 54.908 $\pm$ 1.649 χ^2/NDF :144.9/7

Left: 50.231 $\pm$ 1.114 χ^2/NDF : 527.2/16

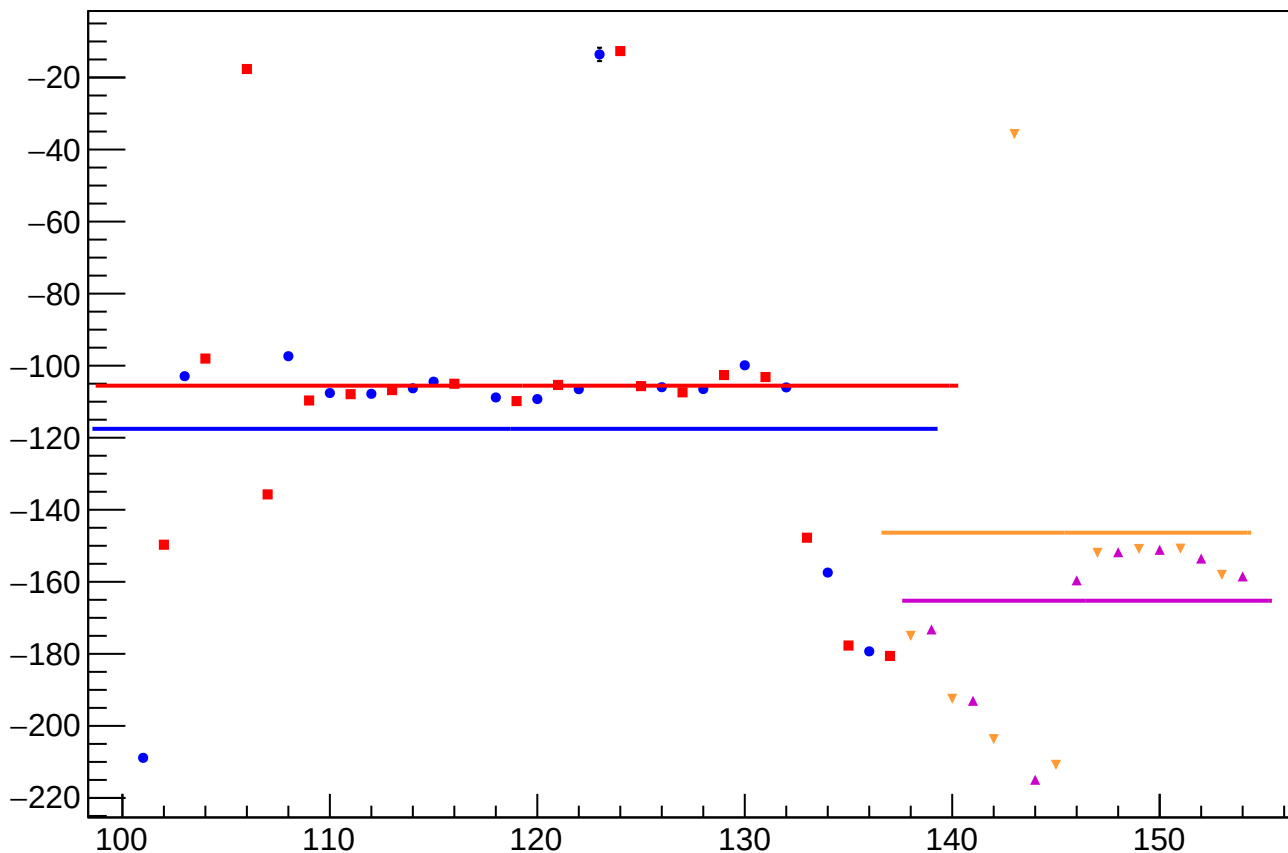
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/34

In: 46.725 $\pm$ 1.000 χ^2/NDF :758.1/24

Out: 40.831 $\pm$ 0.957 χ^2/NDF :860.2/26

All: 43.648 $\pm$ 0.691 χ^2/NDF : 1636.5/51

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -146.365+/-0.079 χ^2/NDF : 448574.9/8

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -165.252+/-0.082 χ^2/NDF : 54490.8/7

Left: -155.480+/-0.057 χ^2/NDF : 530702.2/16

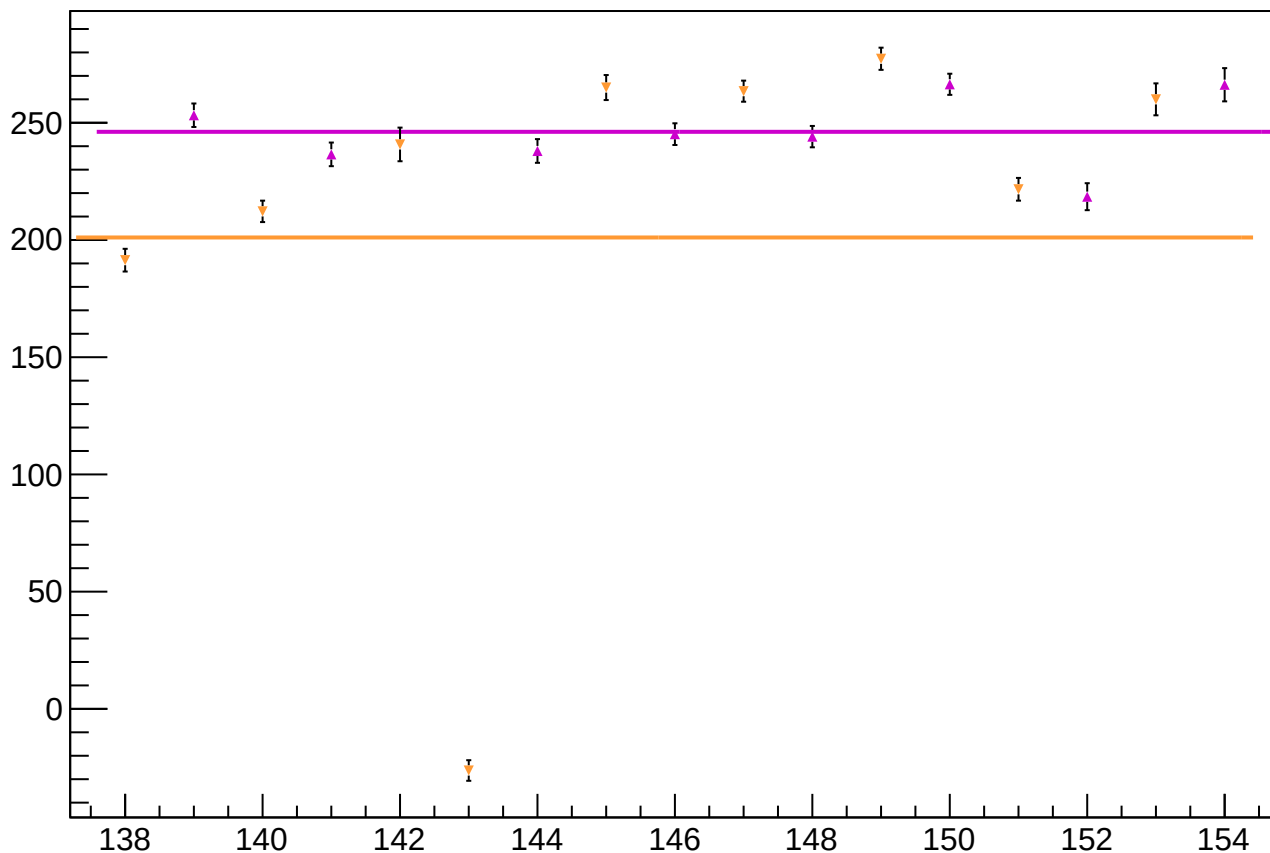
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -140.320+/-0.056 χ^2/NDF : 374686.5/24

Out: -124.335+/-0.054 χ^2/NDF : 910327.0/26

All: -131.902+/-0.039 χ^2/NDF : 1327212.5/51

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.071+/-1.679 χ^2/NDF :3404.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 246.141+/-1.789 χ^2/NDF :59.9/7

Left: 222.175+/-1.224 χ^2/NDF : 3802.4/16

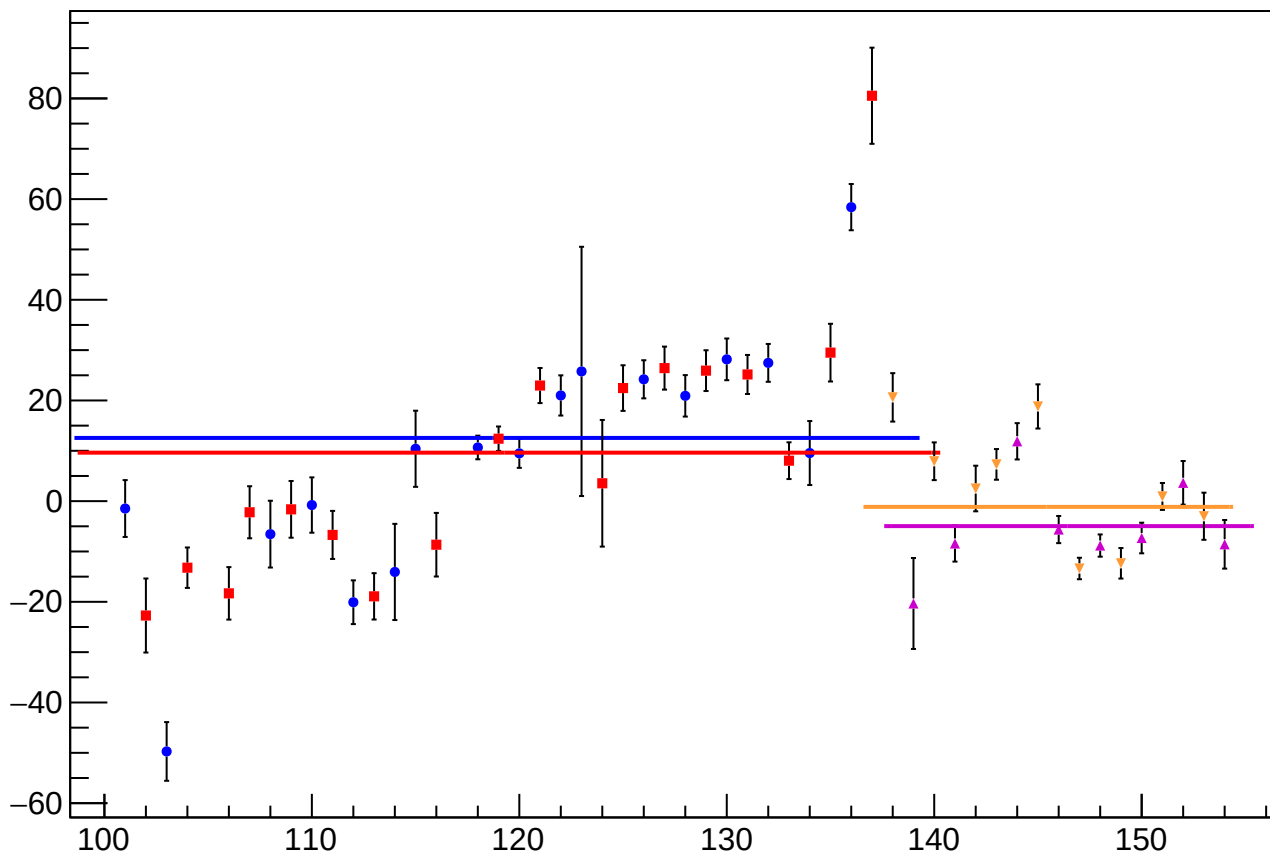
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.141+/-1.789 χ^2/NDF :59.9/7

Out: 201.071+/-1.679 χ^2/NDF :3404.9/8

All: 222.175+/-1.224 χ^2/NDF : 3802.4/16

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: -1.141 $\pm$ 1.093 χ^2 /NDF:102.7/8

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -4.961 $\pm$ 1.184 χ^2 /NDF:33.9/7

Left: -2.899 $\pm$ 0.803 χ^2 /NDF: 142.1/16

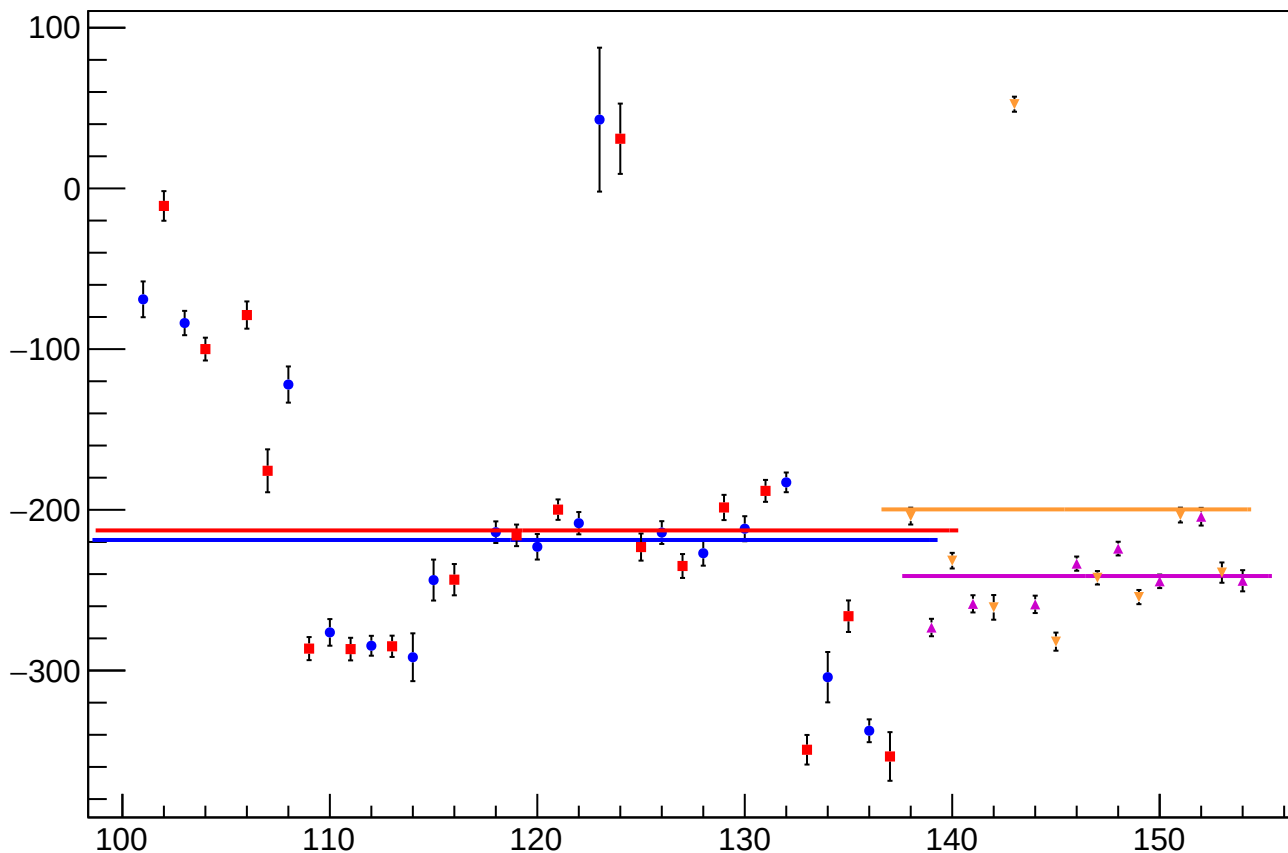
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 4.786 $\pm$ 0.789 χ^2 /NDF:504.2/24

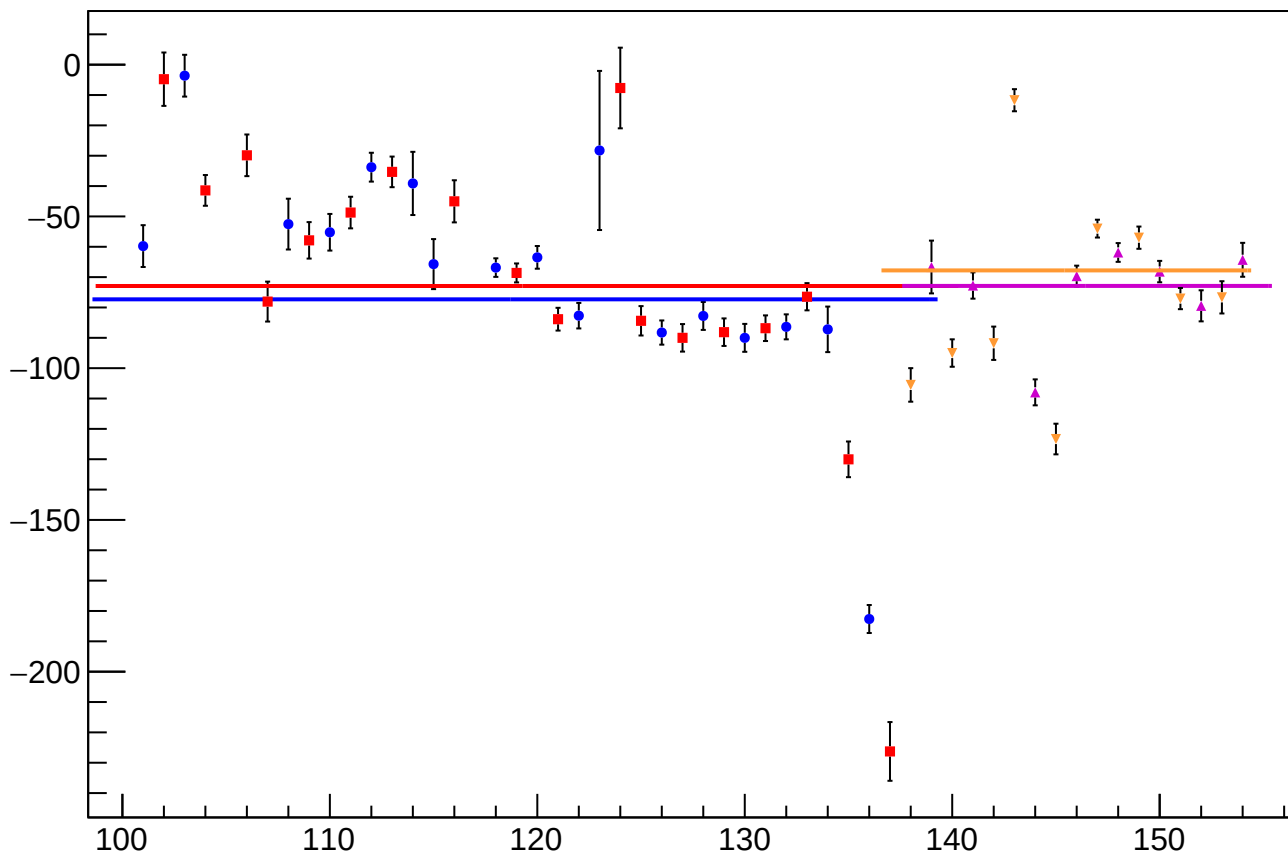
Out: 4.466 $\pm$ 0.757 χ^2 /NDF:440.7/26

All: 4.619 $\pm$ 0.546 χ^2 /NDF: 945.0/51

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319+/-1.222 χ^2/NDF : 817.7/16

Left Out: -67.786+/-1.364 χ^2/NDF : 500.6/8

Right Out: -72.922+/-1.208 χ^2/NDF : 660.8/17

Left In: -72.896+/-1.474 χ^2/NDF : 87.1/7

Left: -70.144+/-1.001 χ^2/NDF : 594.2/16

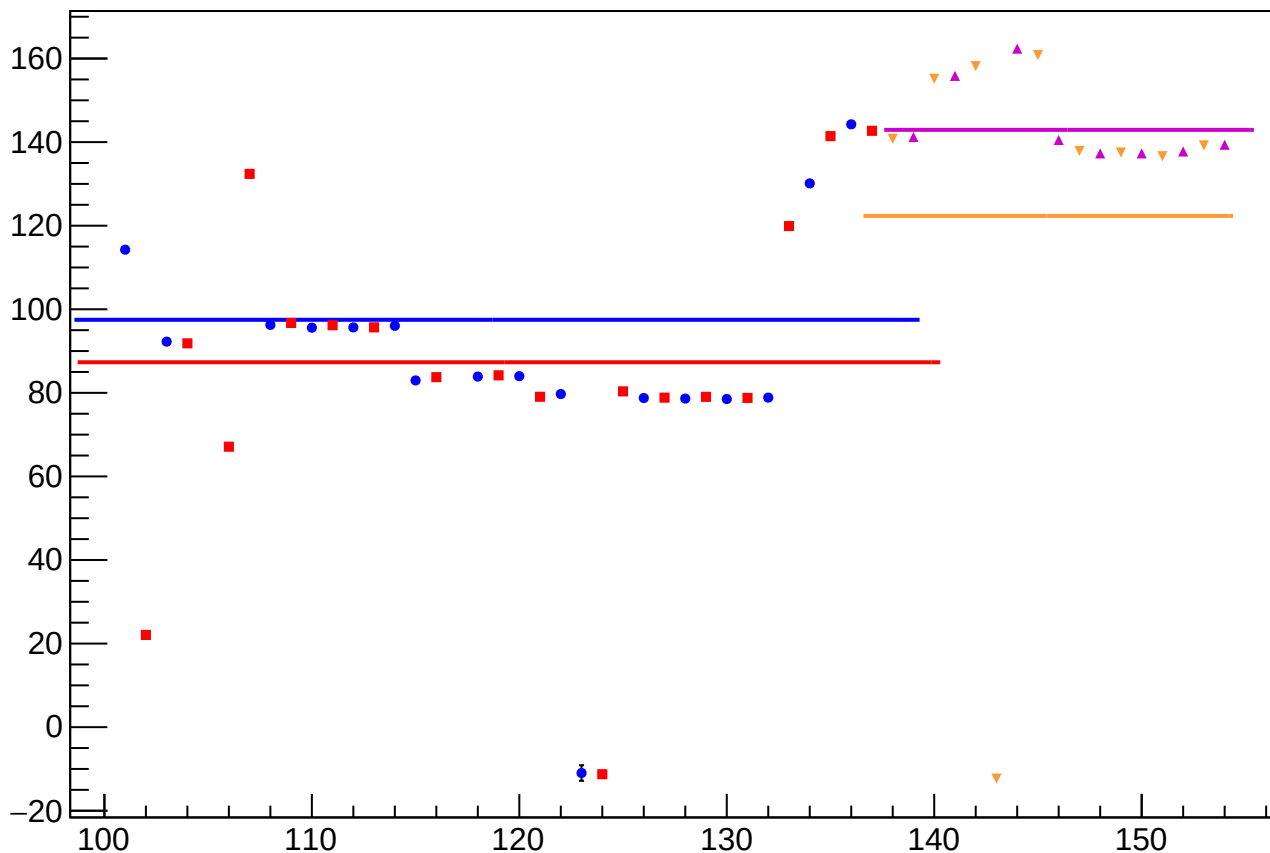
Right: -75.095+/-0.859 χ^2/NDF : 1485.1/34

In: -75.517+/-0.941 χ^2/NDF : 910.2/24

Out: -70.665+/-0.904 χ^2/NDF : 1169.3/26

All: -72.995+/-0.652 χ^2/NDF : 2093.3/51

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 122.339+/-0.070 χ^2/NDF : 610123.5/8

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 142.933+/-0.072 χ^2/NDF : 13252.1/7

Left: 132.360+/-0.051 χ^2/NDF : 664905.4/16

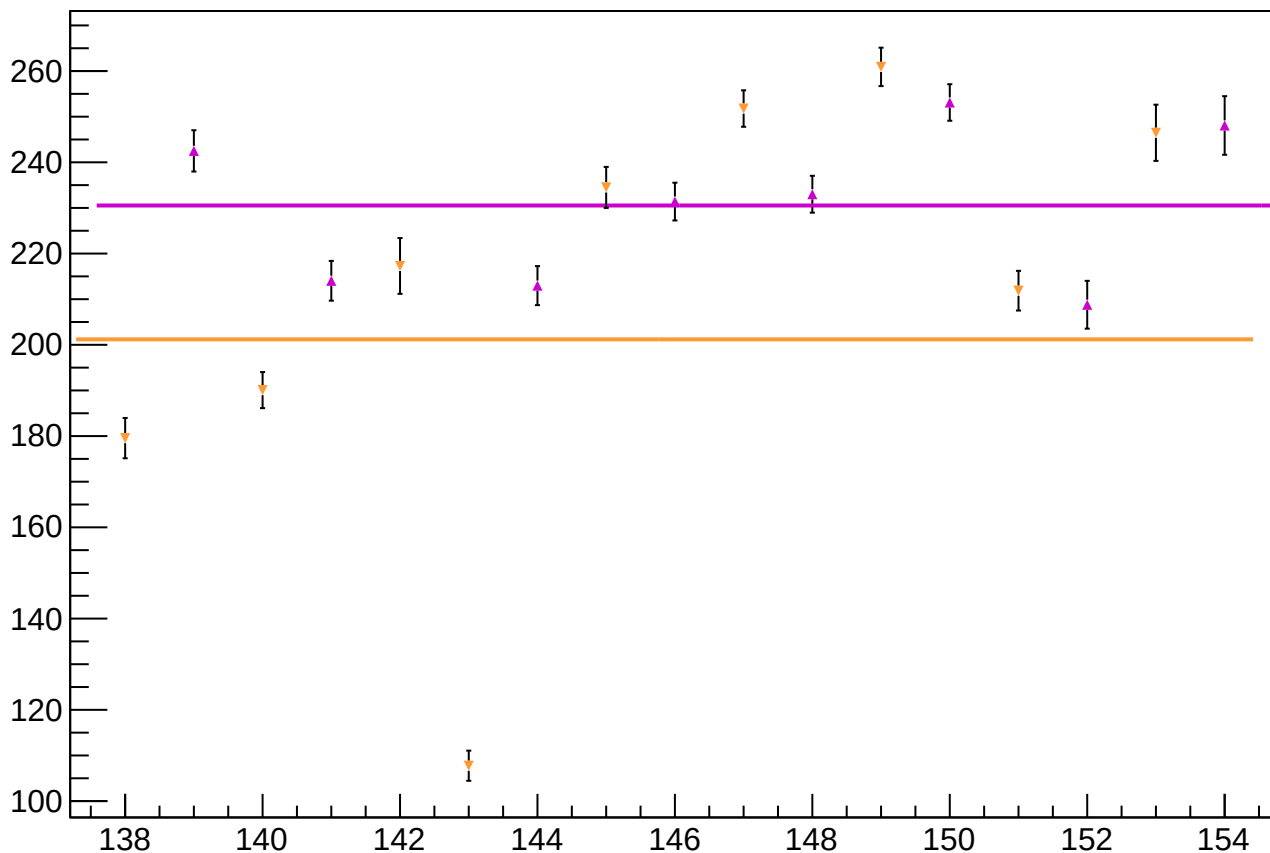
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 120.506+/-0.052 χ^2/NDF : 302055.2/24

Out: 104.285+/-0.049 χ^2/NDF : 959209.4/26

All: 111.998+/-0.036 χ^2/NDF : 1313231.4/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.203+/-1.442 χ^2/NDF :1314.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 230.535+/-1.583 χ^2/NDF :95.2/7

Left: 214.499+/-1.066 χ^2/NDF : 1596.9/16

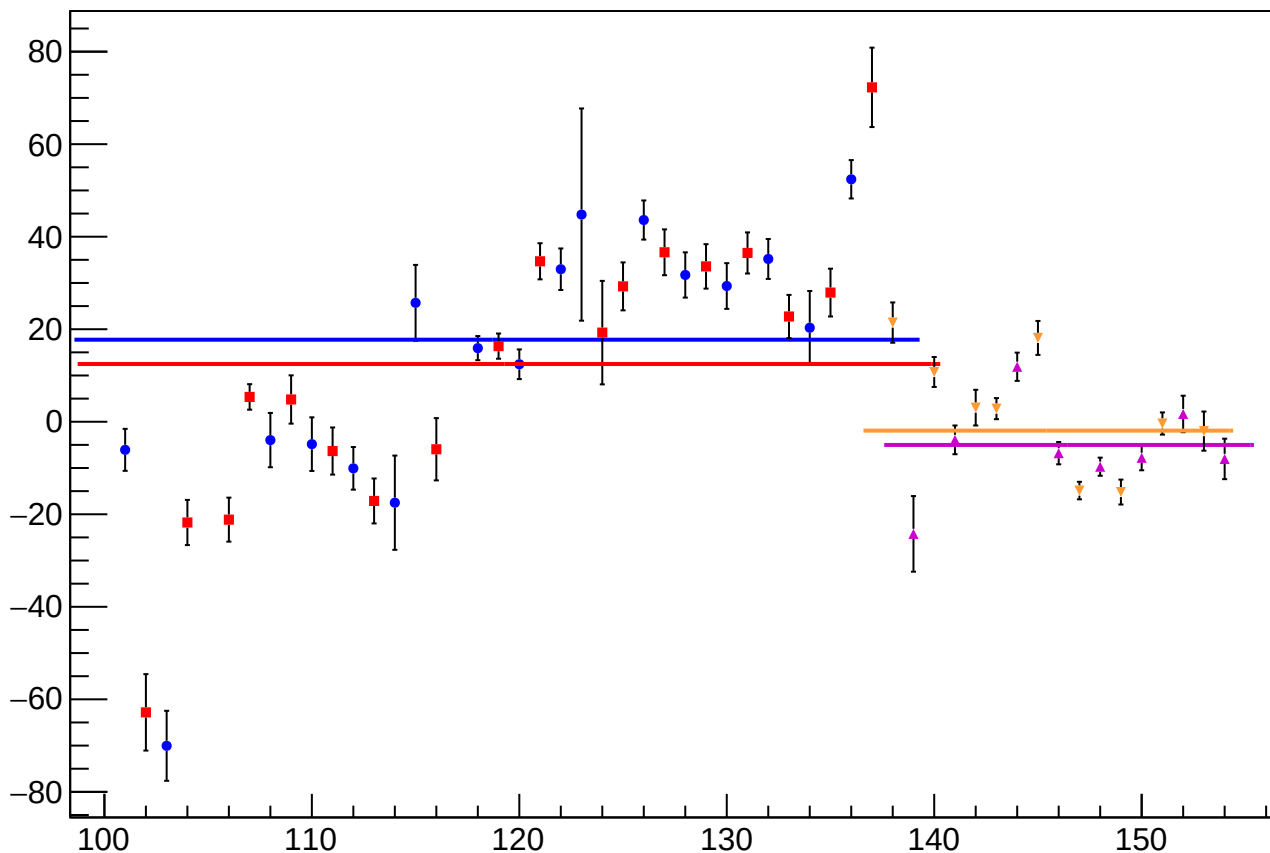
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 230.535+/-1.583 χ^2/NDF :95.2/7

Out: 201.203+/-1.442 χ^2/NDF :1314.1/8

All: 214.499+/-1.066 χ^2/NDF : 1596.9/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -1.917 ± 0.941 $\chi^2/\text{NDF}: 151.5/8$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -5.013 ± 1.047 $\chi^2/\text{NDF}: 47.0/7$

Left: -3.301 ± 0.700 $\chi^2/\text{NDF}: 203.4/16$

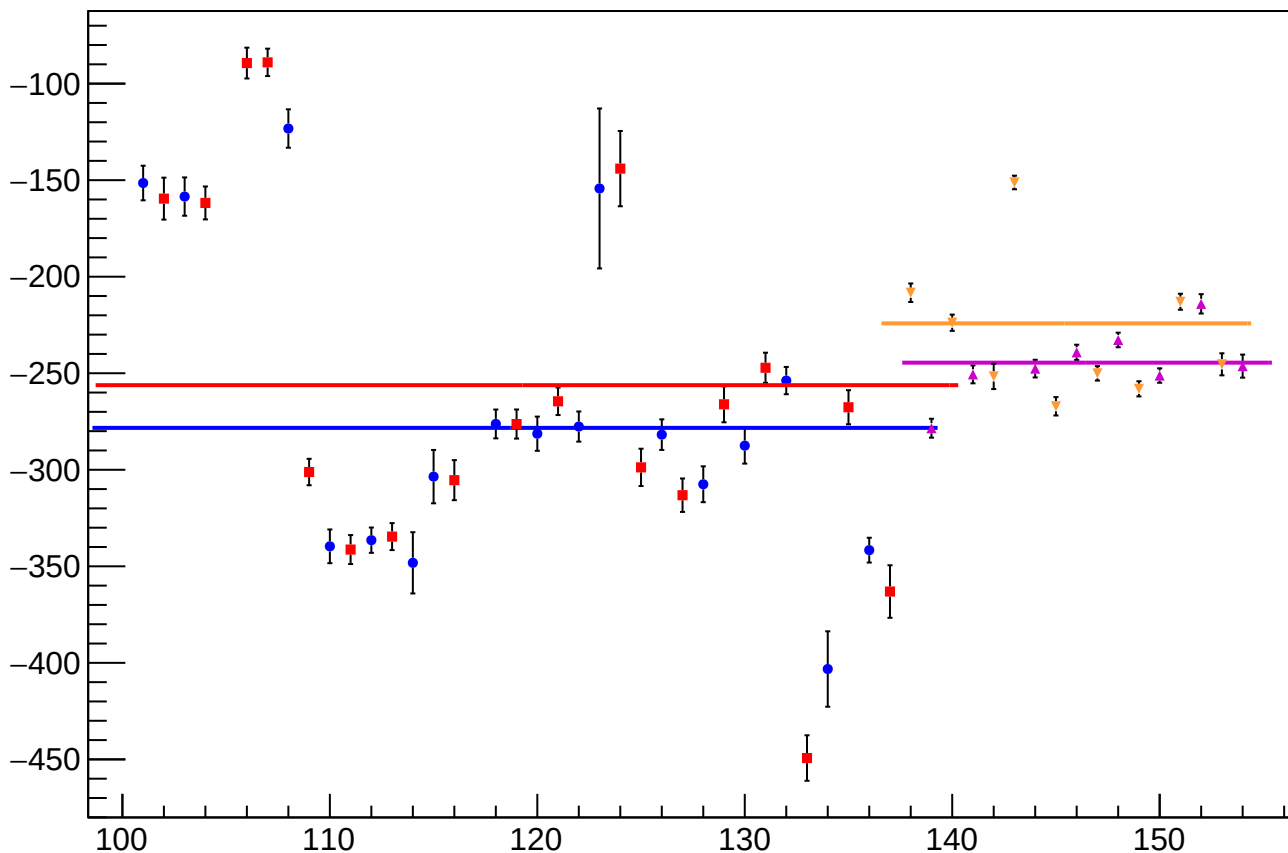
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 5.309 ± 0.774 $\chi^2/\text{NDF}: 655.4/24$

Out: 4.266 ± 0.711 $\chi^2/\text{NDF}: 681.2/26$

All: 4.744 ± 0.524 $\chi^2/\text{NDF}: 1337.5/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -224.176 ± 1.454 $\chi^2/\text{NDF}: 681.8/8$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -244.518 ± 1.564 $\chi^2/\text{NDF}: 101.8/7$

Left: -233.606 ± 1.065 $\chi^2/\text{NDF}: 874.4/16$

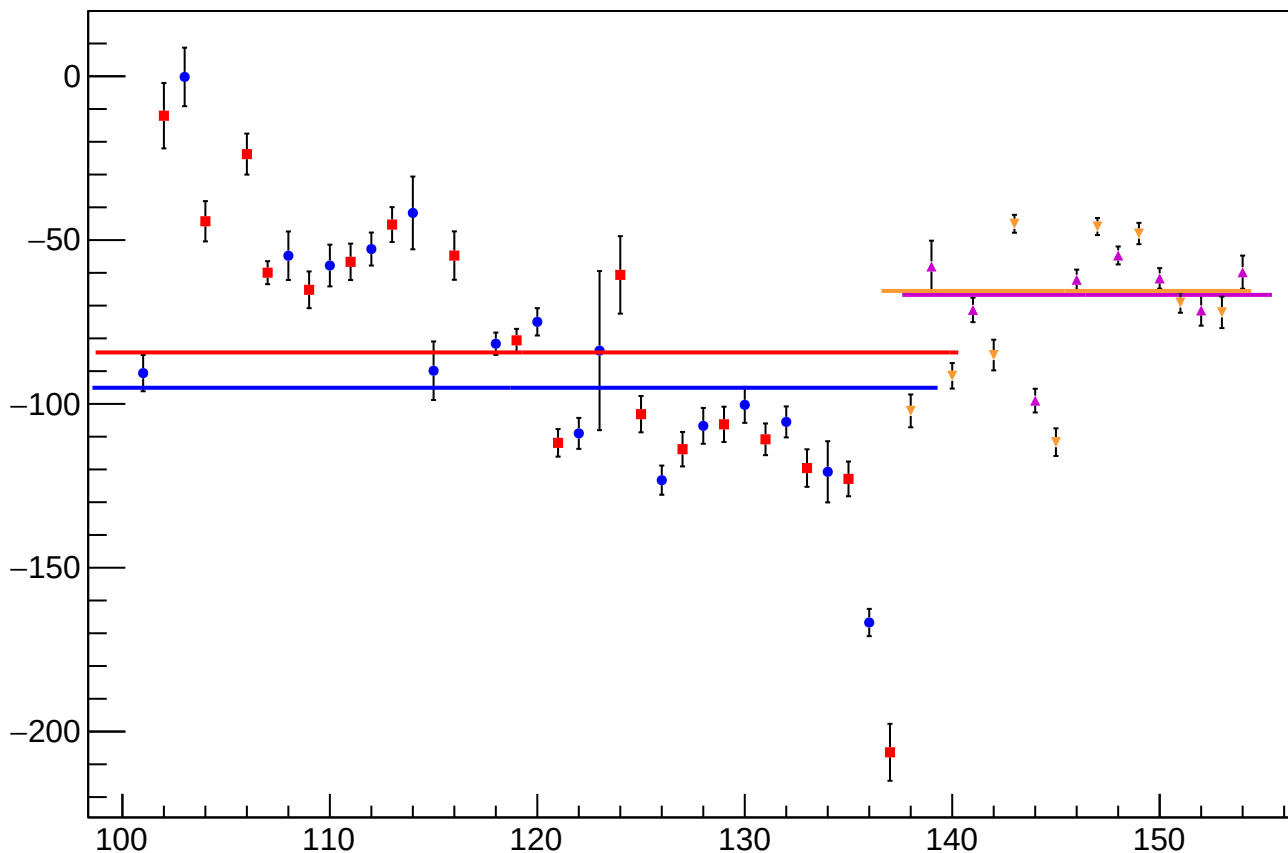
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -256.048 ± 1.269 $\chi^2/\text{NDF}: 1171.0/24$

Out: -235.060 ± 1.181 $\chi^2/\text{NDF}: 2798.8/26$

All: -244.799 ± 0.865 $\chi^2/\text{NDF}: 4116.4/51$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -65.520 ± 1.172 χ^2/NDF : 379.3/8

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -66.722 ± 1.303 χ^2/NDF : 109.2/7

Left: -66.058 ± 0.871 χ^2/NDF : 489.1/16

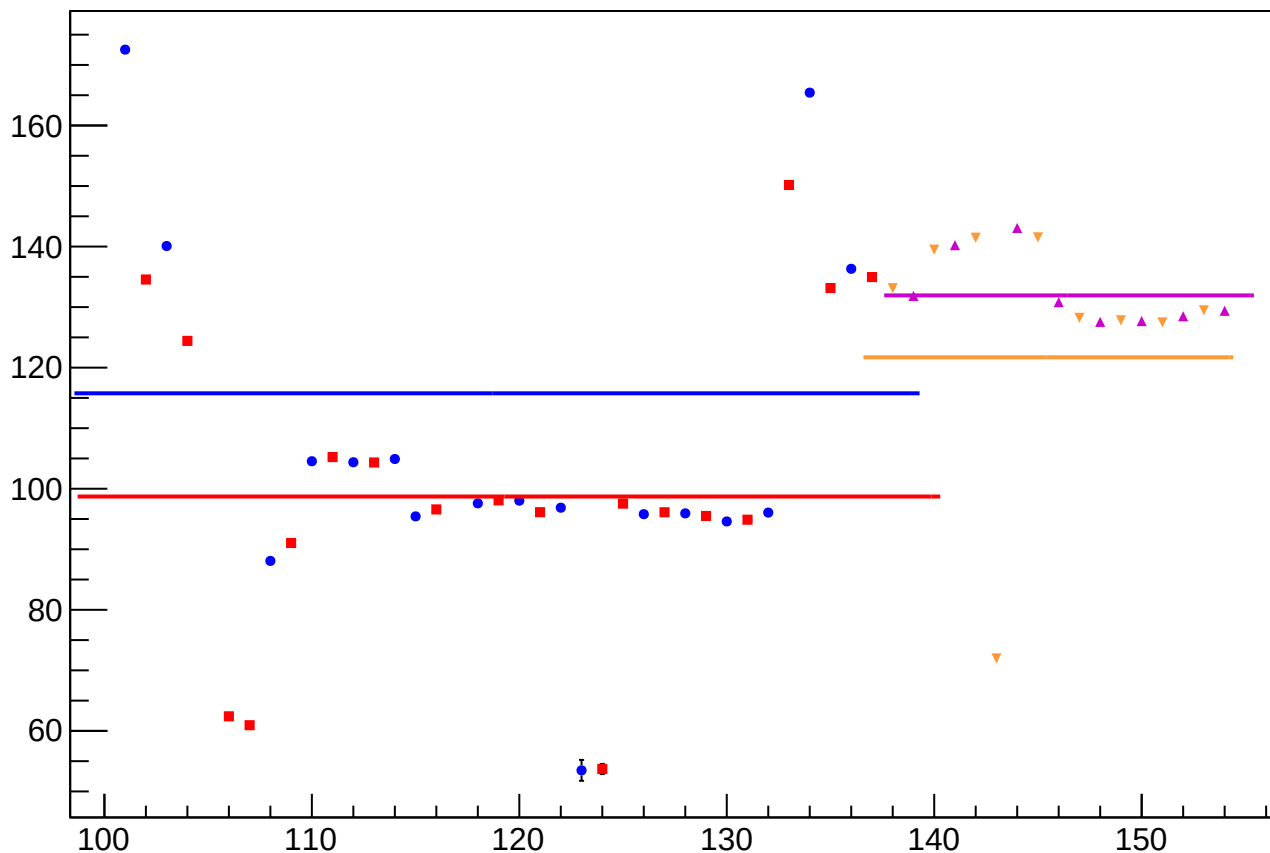
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -80.651 ± 0.929 χ^2/NDF : 1015.2/24

Out: -74.239 ± 0.858 χ^2/NDF : 1267.3/26

All: -77.189 ± 0.630 χ^2/NDF : 2308.2/51

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 121.713 $\pm$ 0.061 χ^2 /NDF:157815.5/8

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 131.934 $\pm$ 0.064 χ^2 /NDF:6988.2/7

Left: 126.533 $\pm$ 0.044 χ^2 /NDF: 178158.0/16

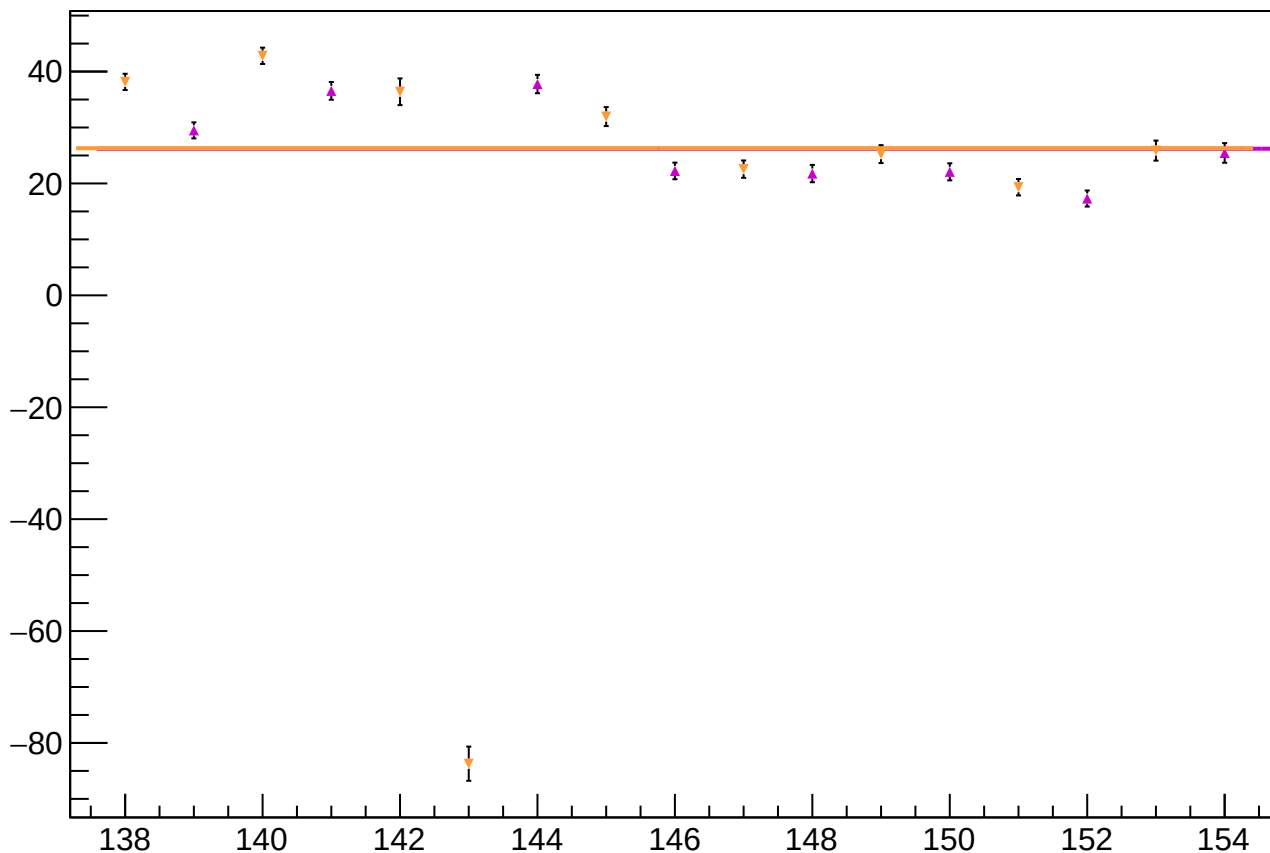
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 125.400 $\pm$ 0.050 χ^2 /NDF:138845.2/24

Out: 111.626 $\pm$ 0.046 χ^2 /NDF:390907.3/26

All: 117.916 $\pm$ 0.034 χ^2 /NDF: 571599.0/51

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.300+/-0.563 χ^2/NDF :1548.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.207+/-0.545 χ^2/NDF :158.5/7

Left: 26.252+/-0.392 χ^2/NDF : 1707.1/16

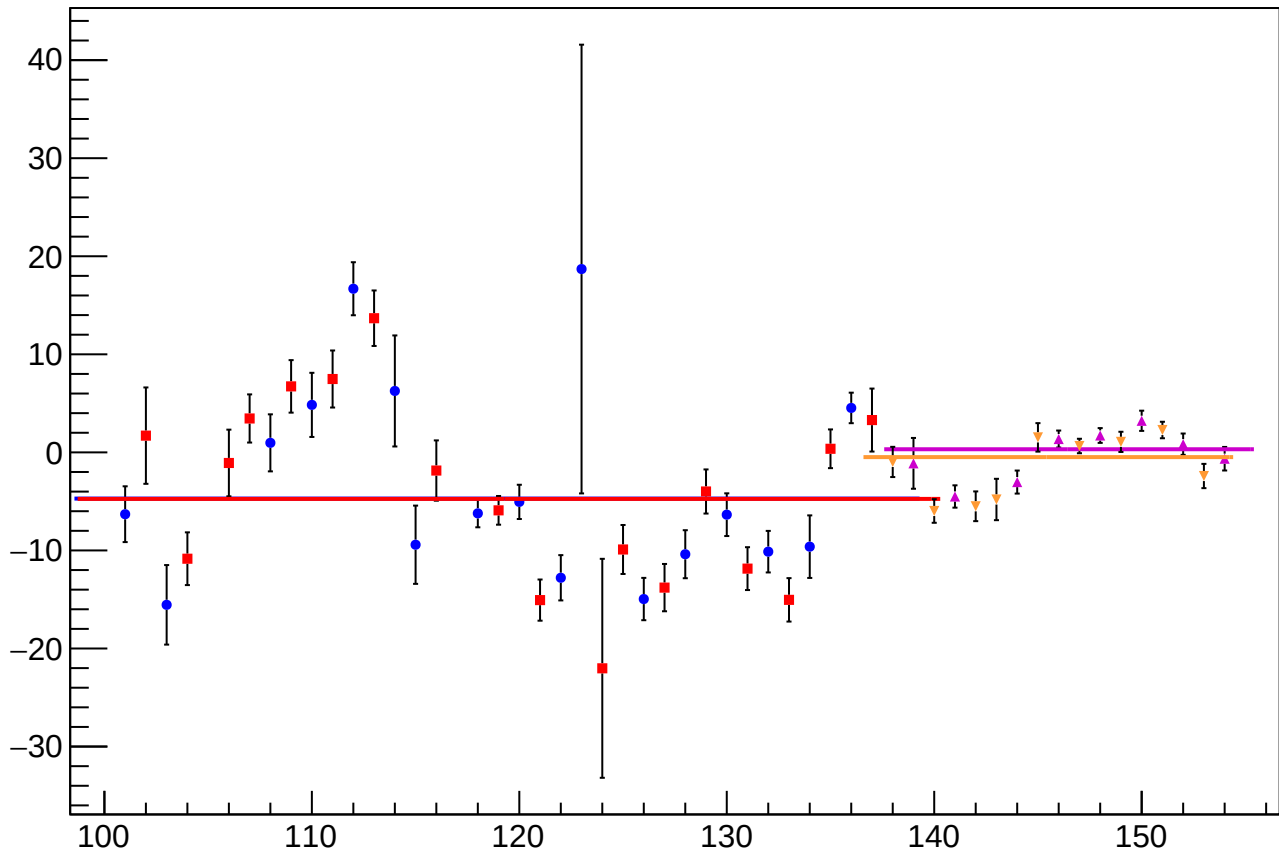
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.207+/-0.545 χ^2/NDF :158.5/7

Out: 26.300+/-0.563 χ^2/NDF :1548.6/8

All: 26.252+/-0.392 χ^2/NDF : 1707.1/16

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -0.483 ± 0.375 $\chi^2/\text{NDF}: 55.9/8$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: 0.318 ± 0.372 $\chi^2/\text{NDF}: 40.1/7$

Left: -0.079 ± 0.264 $\chi^2/\text{NDF}: 98.2/16$

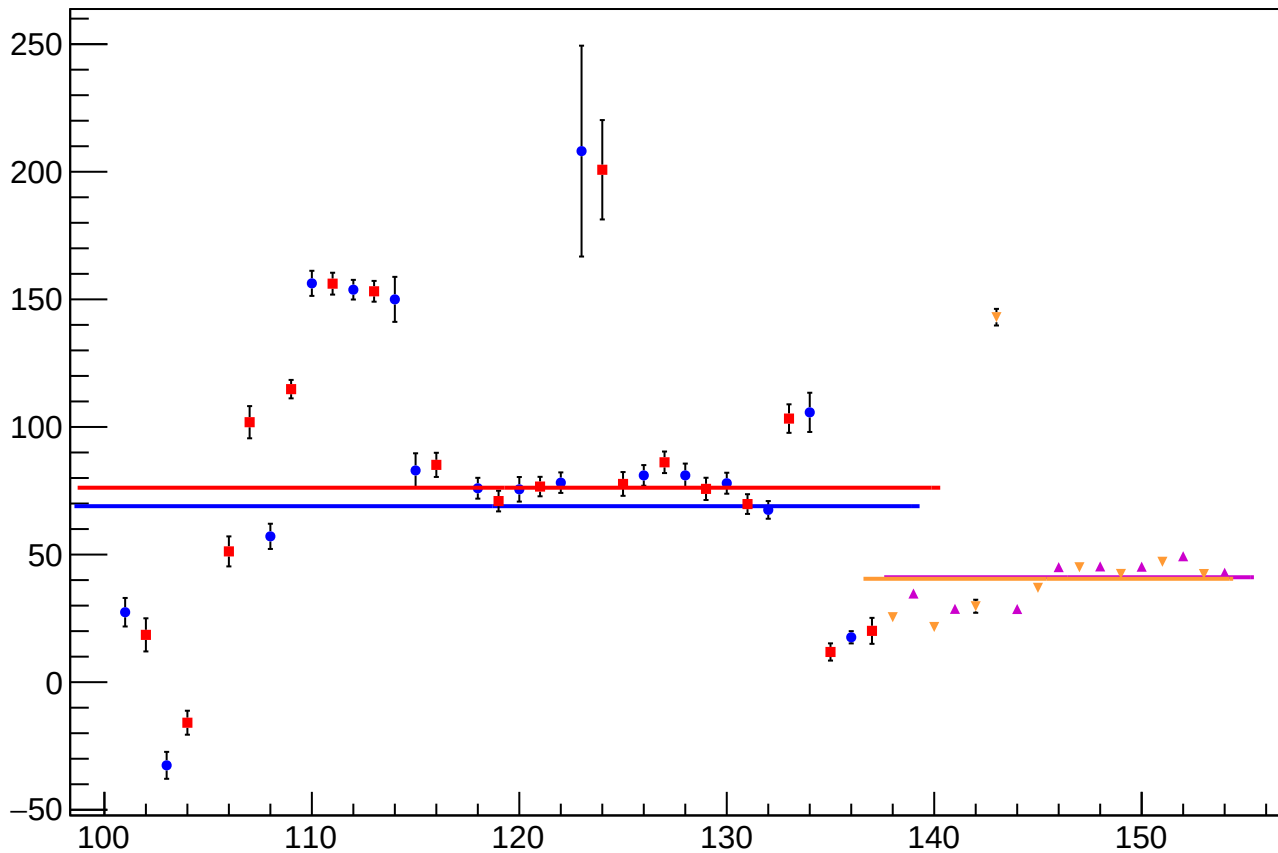
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -1.146 ± 0.313 $\chi^2/\text{NDF}: 268.0/24$

Out: -1.725 ± 0.316 $\chi^2/\text{NDF}: 282.7/26$

All: -1.433 ± 0.223 $\chi^2/\text{NDF}: 552.4/51$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.514 $\pm$ 0.562 χ^2 /NDF:1284.9/8

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 41.115 $\pm$ 0.538 χ^2 /NDF:182.6/7

Left: 40.828 $\pm$ 0.388 χ^2 /NDF: 1468.1/16

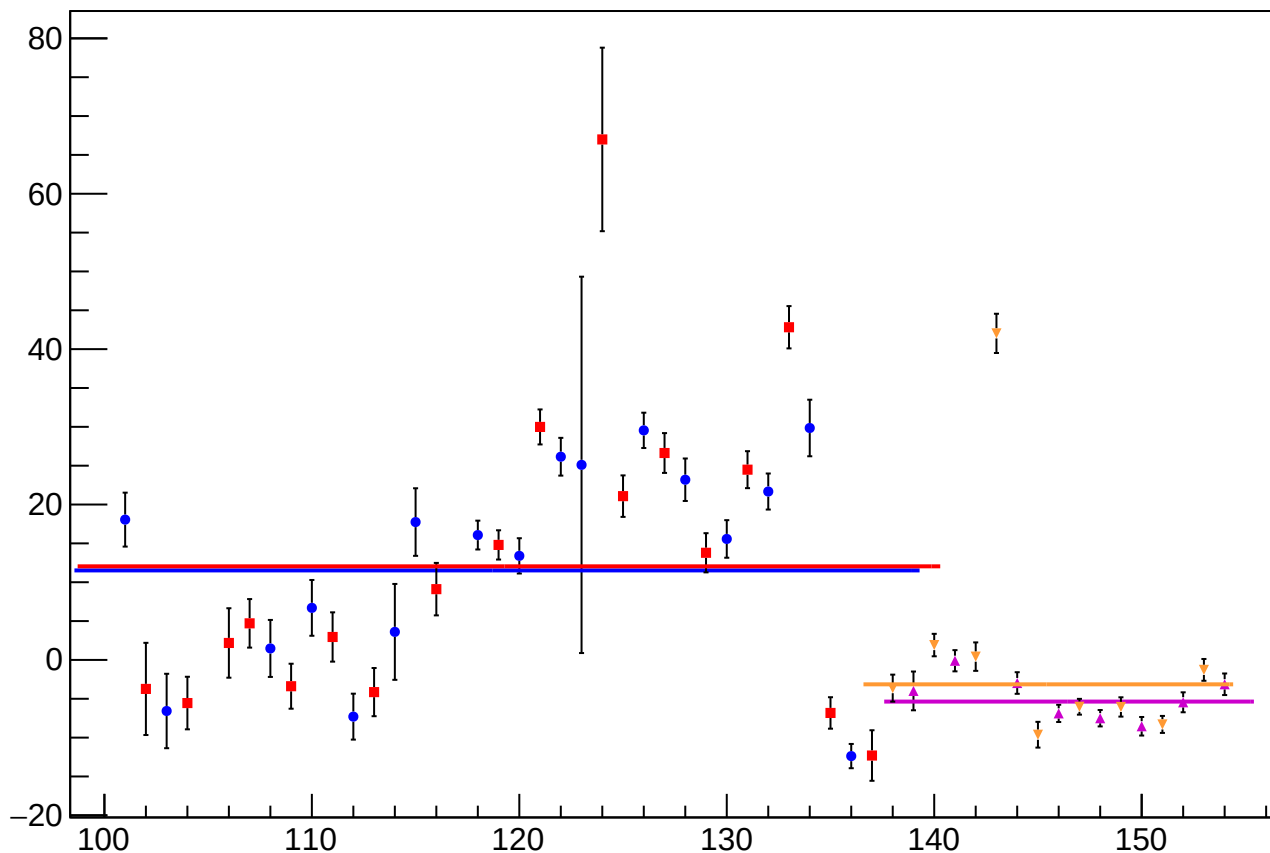
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 46.658 $\pm$ 0.481 χ^2 /NDF:2560.1/24

Out: 48.212 $\pm$ 0.497 χ^2 /NDF:4036.6/26

All: 47.410 $\pm$ 0.346 χ^2 /NDF: 6601.6/51

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.142 ± 0.467 $\chi^2/\text{NDF}: 388.9/8$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -5.362 ± 0.459 $\chi^2/\text{NDF}: 33.7/7$

Left: -4.271 ± 0.327 $\chi^2/\text{NDF}: 434.2/16$

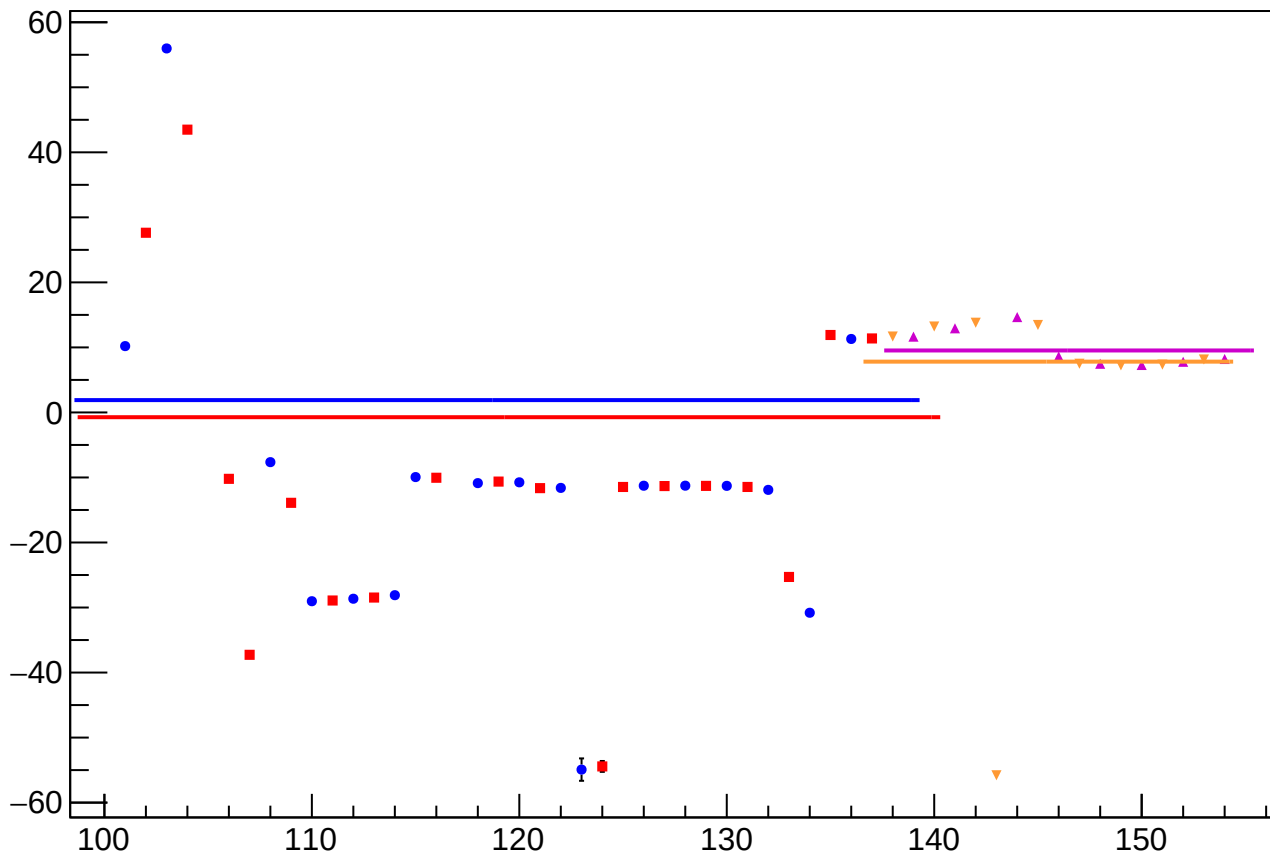
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: 0.140 ± 0.377 $\chi^2/\text{NDF}: 952.3/24$

Out: 1.876 ± 0.382 $\chi^2/\text{NDF}: 1277.5/26$

All: 0.996 ± 0.268 $\chi^2/\text{NDF}: 2240.3/51$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.811 ± 0.023 χ^2/NDF : 256208.4/8

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 9.530 ± 0.022 χ^2/NDF : 12643.2/7

Left: 8.727 ± 0.016 χ^2/NDF : 271765.1/16

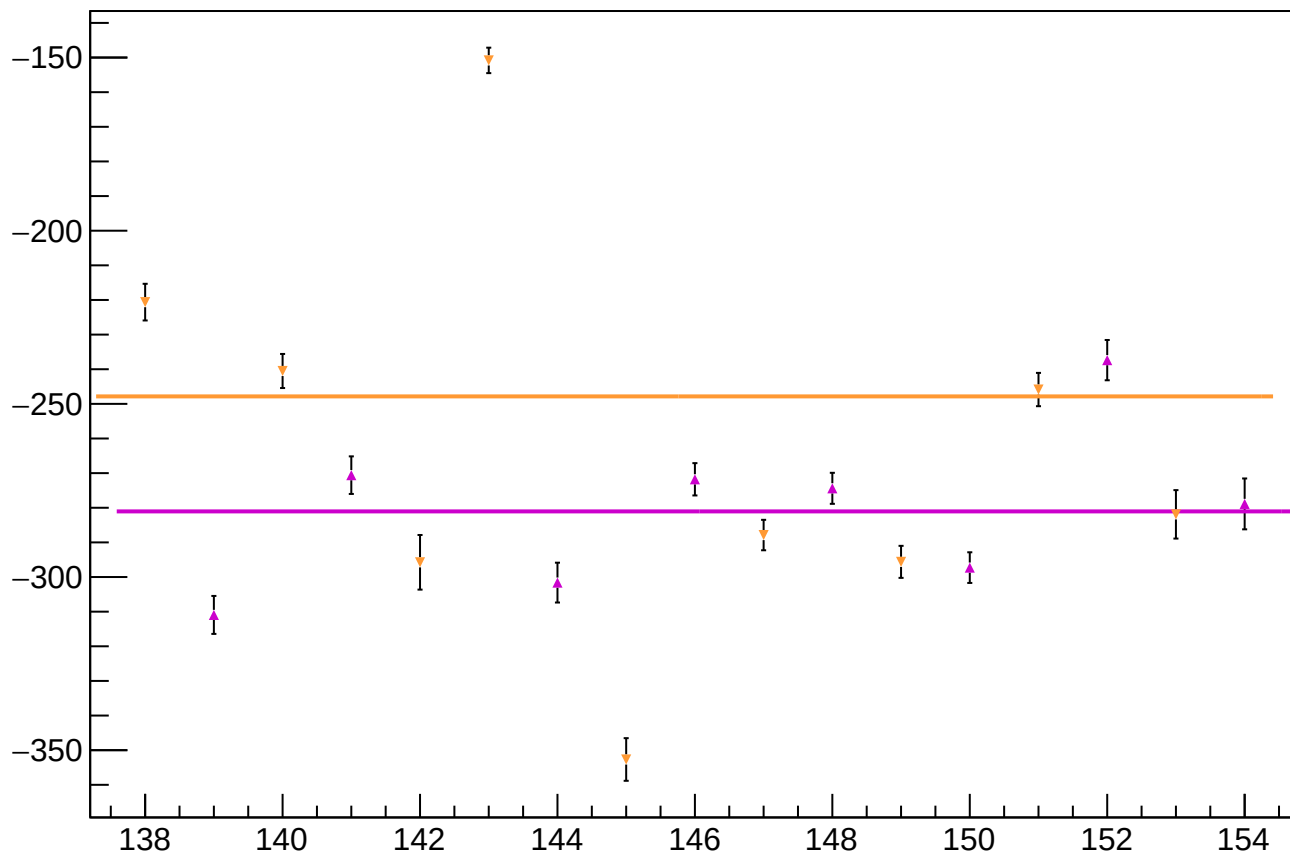
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.573 ± 0.019 χ^2/NDF : 403078.4/24

Out: 5.404 ± 0.020 χ^2/NDF : 654210.7/26

All: 6.542 ± 0.014 χ^2/NDF : 1063645.4/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -247.843+/-1.677 χ^2/NDF :1265.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.049+/-1.849 χ^2/NDF :122.3/7

Left: -262.826+/-1.242 χ^2/NDF : 1565.0/16

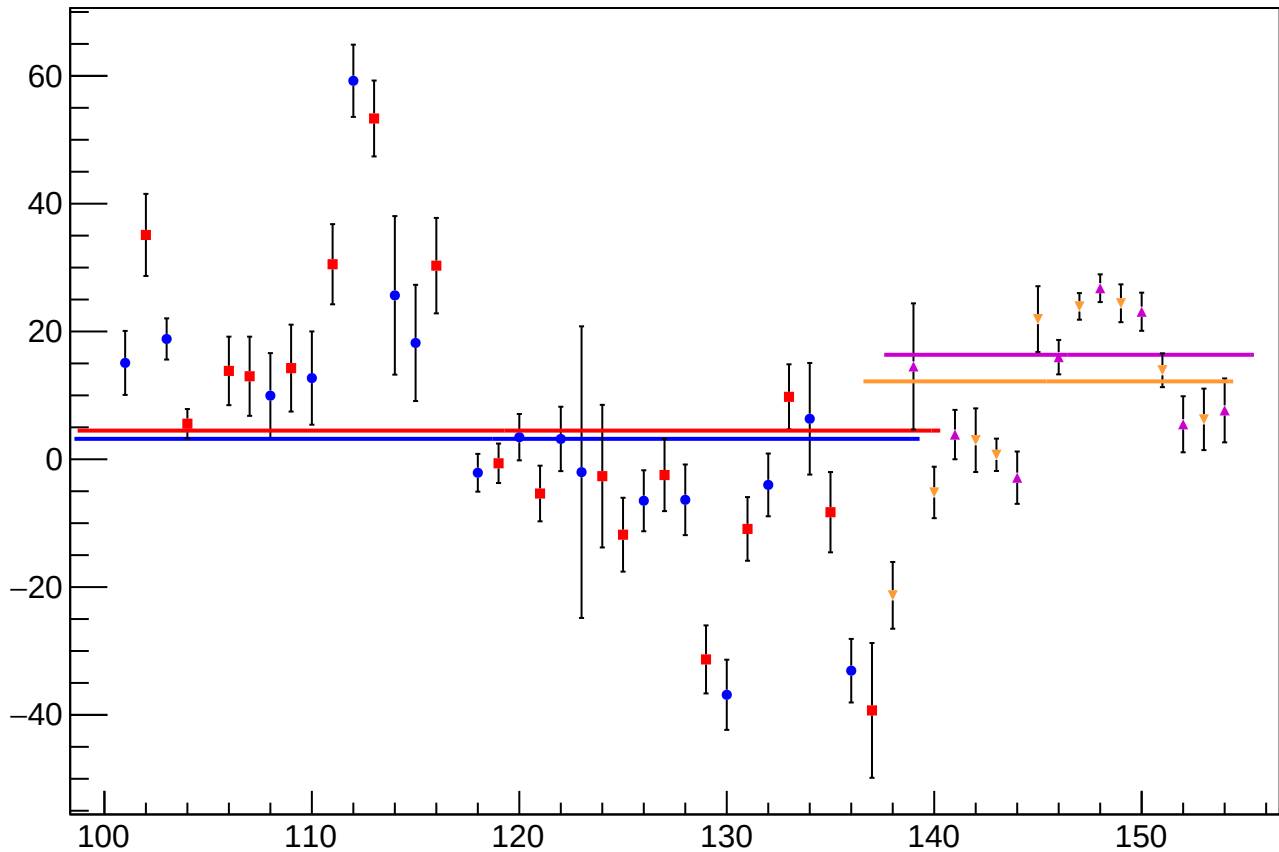
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.049+/-1.849 χ^2/NDF :122.3/7

Out: -247.843+/-1.677 χ^2/NDF :1265.8/8

All: -262.826+/-1.242 χ^2/NDF : 1565.0/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 12.190 ± 1.076 χ^2/NDF : 138.1/8

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 16.354 ± 1.203 χ^2/NDF : 69.9/7

Left: 14.042 ± 0.802 χ^2/NDF : 214.6/16

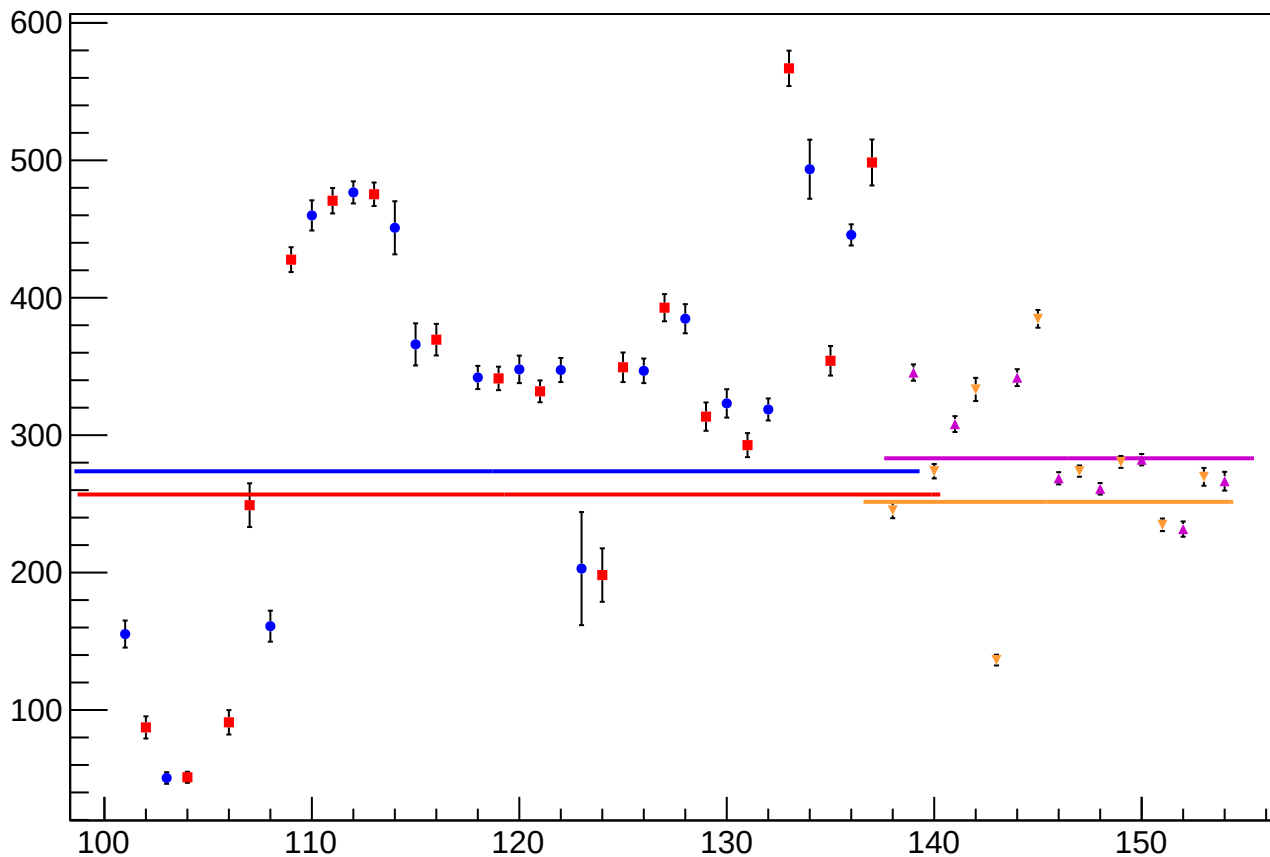
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 9.910 ± 0.859 χ^2/NDF : 383.6/24

Out: 8.623 ± 0.789 χ^2/NDF : 383.5/26

All: 9.212 ± 0.581 χ^2/NDF : 768.4/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 ± 2.195 $\chi^2/\text{NDF}: 5103.3/16$

Left Out: 251.460 ± 1.680 $\chi^2/\text{NDF}: 1497.5/8$

Right Out: 256.826 ± 2.084 $\chi^2/\text{NDF}: 6411.8/17$

Left In: 283.172 ± 1.814 $\chi^2/\text{NDF}: 350.4/7$

Left: 266.108 ± 1.233 $\chi^2/\text{NDF}: 2012.4/16$

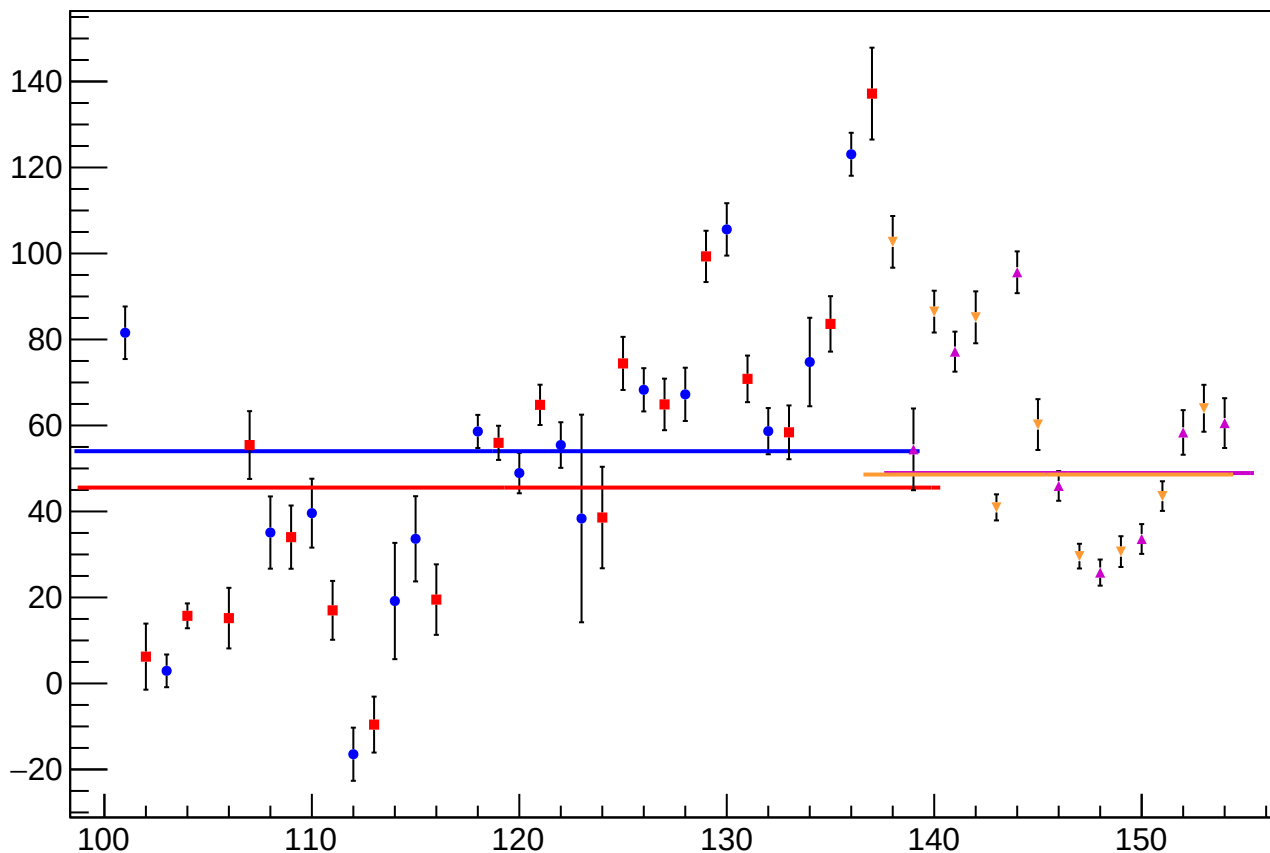
Right: 264.834 ± 1.511 $\chi^2/\text{NDF}: 11546.2/34$

In: 279.335 ± 1.398 $\chi^2/\text{NDF}: 5464.7/24$

Out: 253.575 ± 1.308 $\chi^2/\text{NDF}: 7913.3/26$

All: 265.599 ± 0.955 $\chi^2/\text{NDF}: 13559.0/51$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 48.587 $\pm$ 1.346 χ^2 /NDF: 267.4/8

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 48.933 $\pm$ 1.503 χ^2 /NDF: 215.3/7

Left: 48.741 $\pm$ 1.003 χ^2 /NDF: 482.8/16

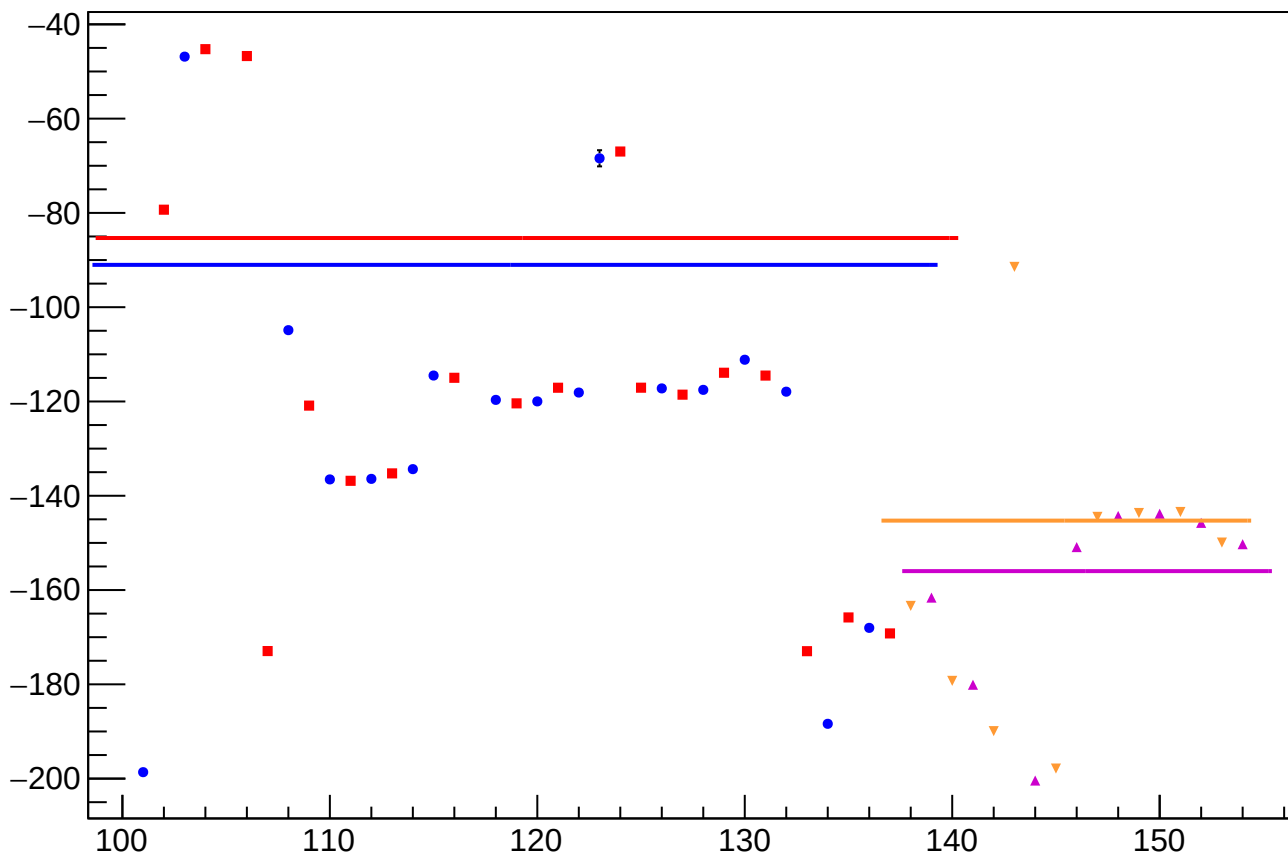
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 51.613 $\pm$ 1.034 χ^2 /NDF: 854.2/24

Out: 47.083 $\pm$ 0.956 χ^2 /NDF: 796.6/26

All: 49.172 $\pm$ 0.702 χ^2 /NDF: 1661.1/51

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.272+/-0.070 χ^2/NDF : 204982.8/8

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -155.985+/-0.075 χ^2/NDF : 50854.3/7

Left: -150.318+/-0.051 χ^2/NDF : 266721.3/16

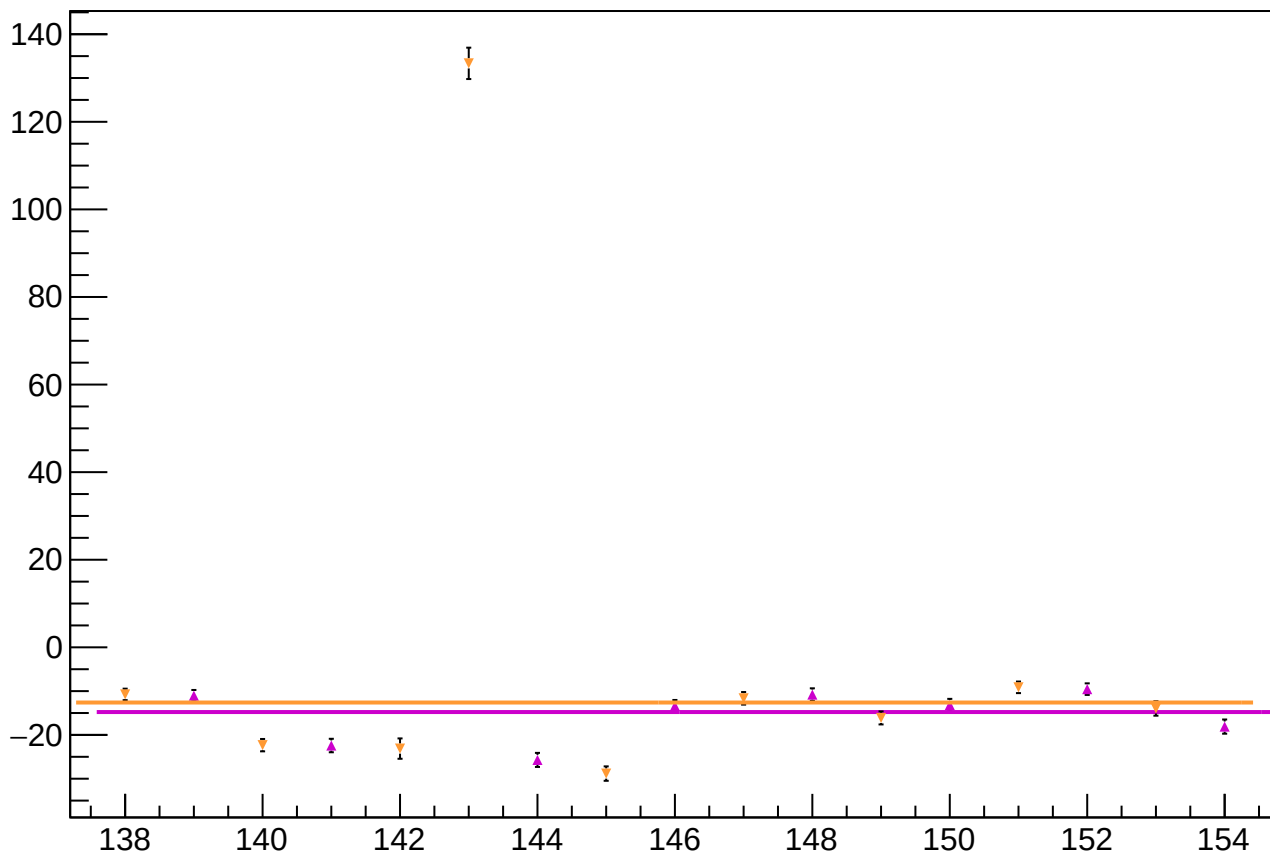
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -120.267+/-0.050 χ^2/NDF : 1001103.9/24

Out: -112.956+/-0.048 χ^2/NDF : 1078185.6/26

All: -116.442+/-0.035 χ^2/NDF : 2090426.5/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



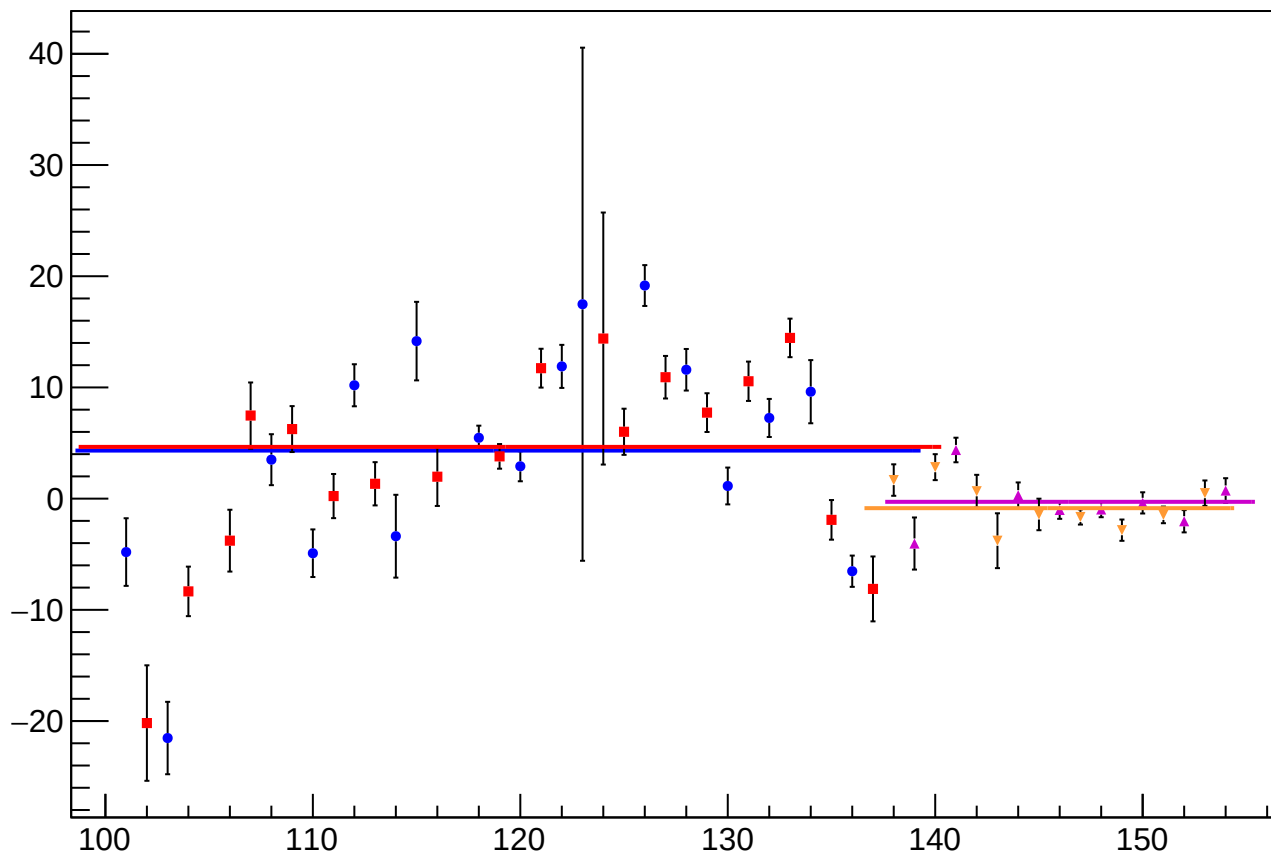
Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.603±/-0.528 χ^2/NDF :1841.5/8
 Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.780±/-0.507 χ^2/NDF :109.2/7

Left: -13.734±/-0.366 χ^2/NDF : 1959.6/16
 Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: -14.780±/-0.507 χ^2/NDF :109.2/7
 Out: -12.603±/-0.528 χ^2/NDF :1841.5/8

All: -13.734±/-0.366 χ^2/NDF : 1959.6/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: -0.857 ± 0.350 χ^2/NDF : 23.5/8

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: -0.287 ± 0.347 χ^2/NDF : 26.3/7

Left: -0.569 ± 0.247 χ^2/NDF : 51.2/16

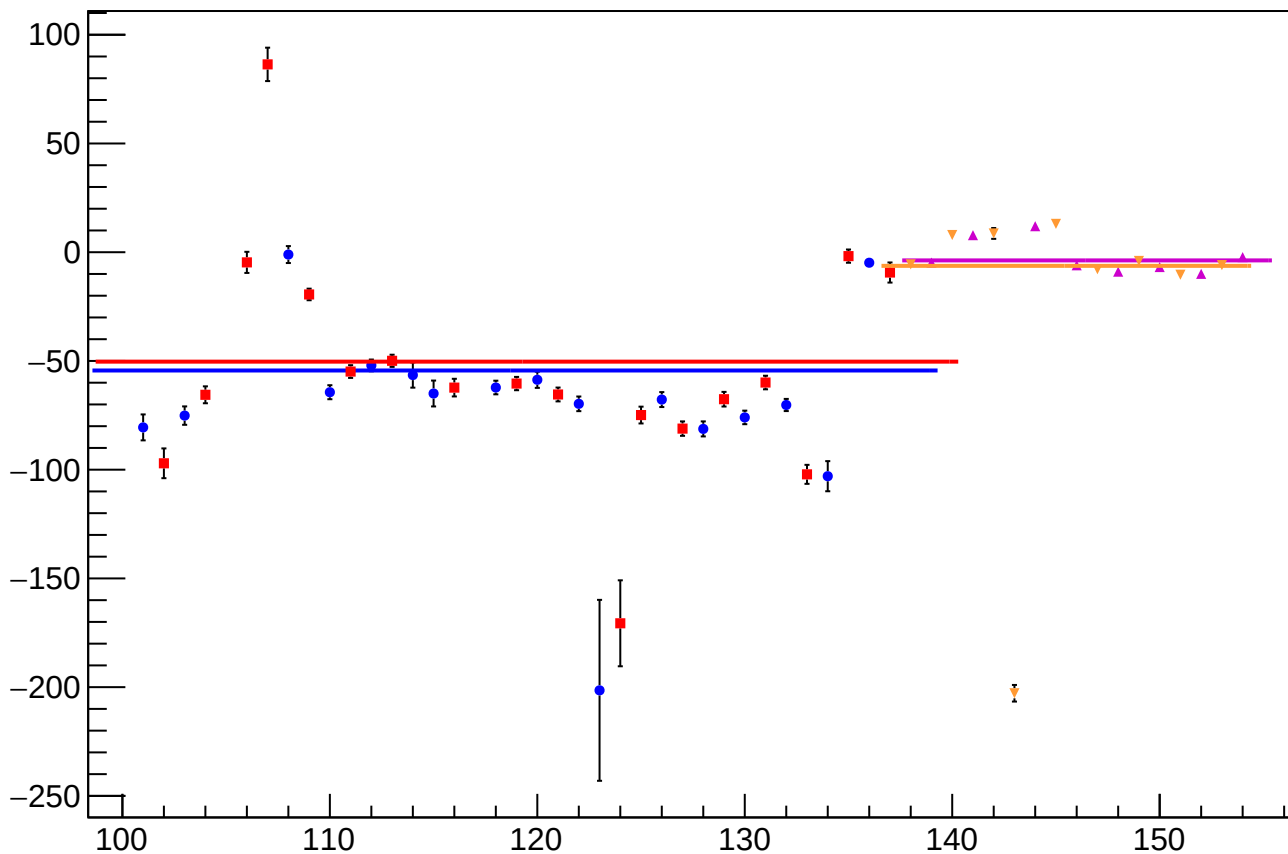
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 1.361 ± 0.278 χ^2/NDF : 369.6/24

Out: 1.089 ± 0.282 χ^2/NDF : 295.3/26

All: 1.227 ± 0.198 χ^2/NDF : 665.4/51

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: -6.268 ± 0.525 $\chi^2/\text{NDF}: 2913.9/8$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -3.761 ± 0.500 $\chi^2/\text{NDF}: 182.5/7$

Left: -4.954 ± 0.362 $\chi^2/\text{NDF}: 3108.3/16$

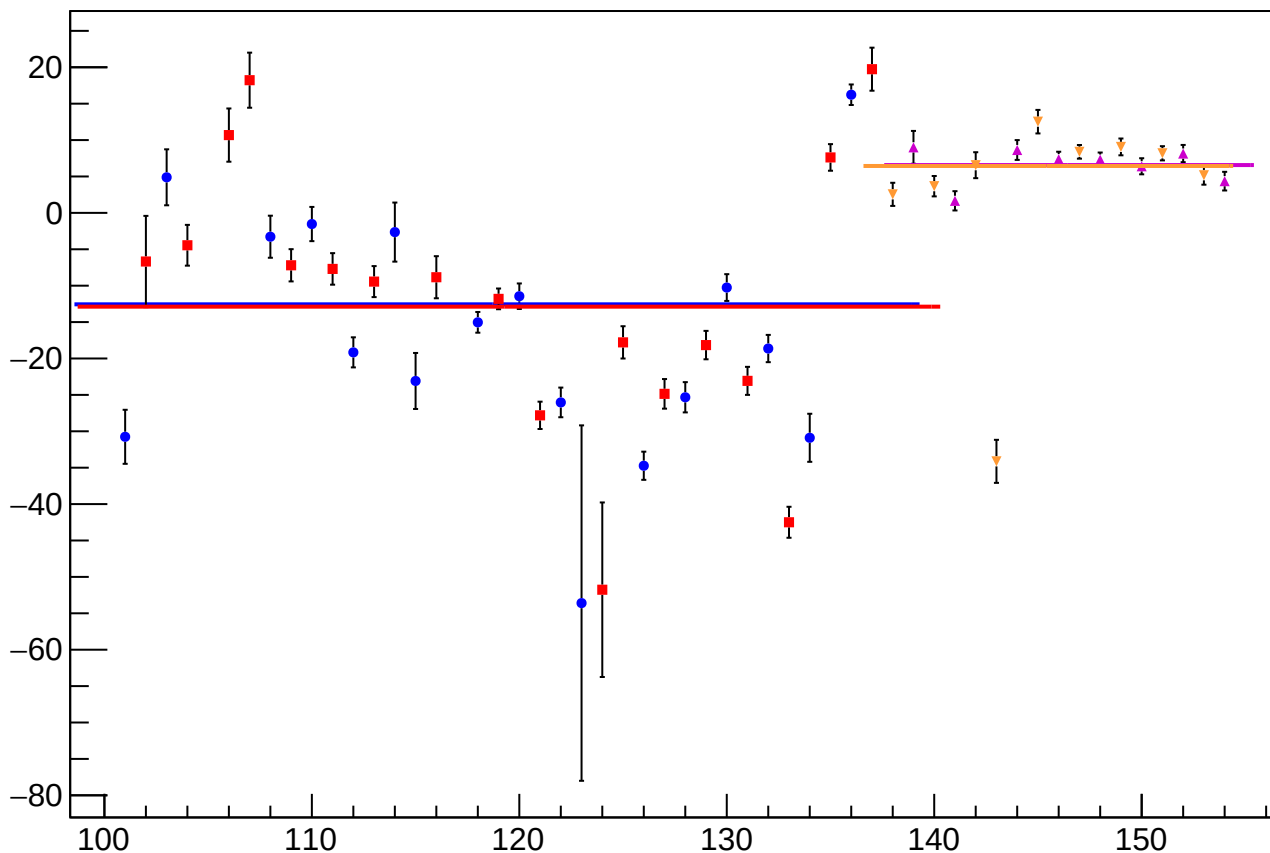
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -16.455 ± 0.433 $\chi^2/\text{NDF}: 3766.1/24$

Out: -18.257 ± 0.448 $\chi^2/\text{NDF}: 6150.0/26$

All: -17.325 ± 0.311 $\chi^2/\text{NDF}: 9924.5/51$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.442 ± 0.436 χ^2/NDF : 226.1/8

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.568 ± 0.428 χ^2/NDF : 23.2/7

Left: 6.506 ± 0.306 χ^2/NDF : 249.3/16

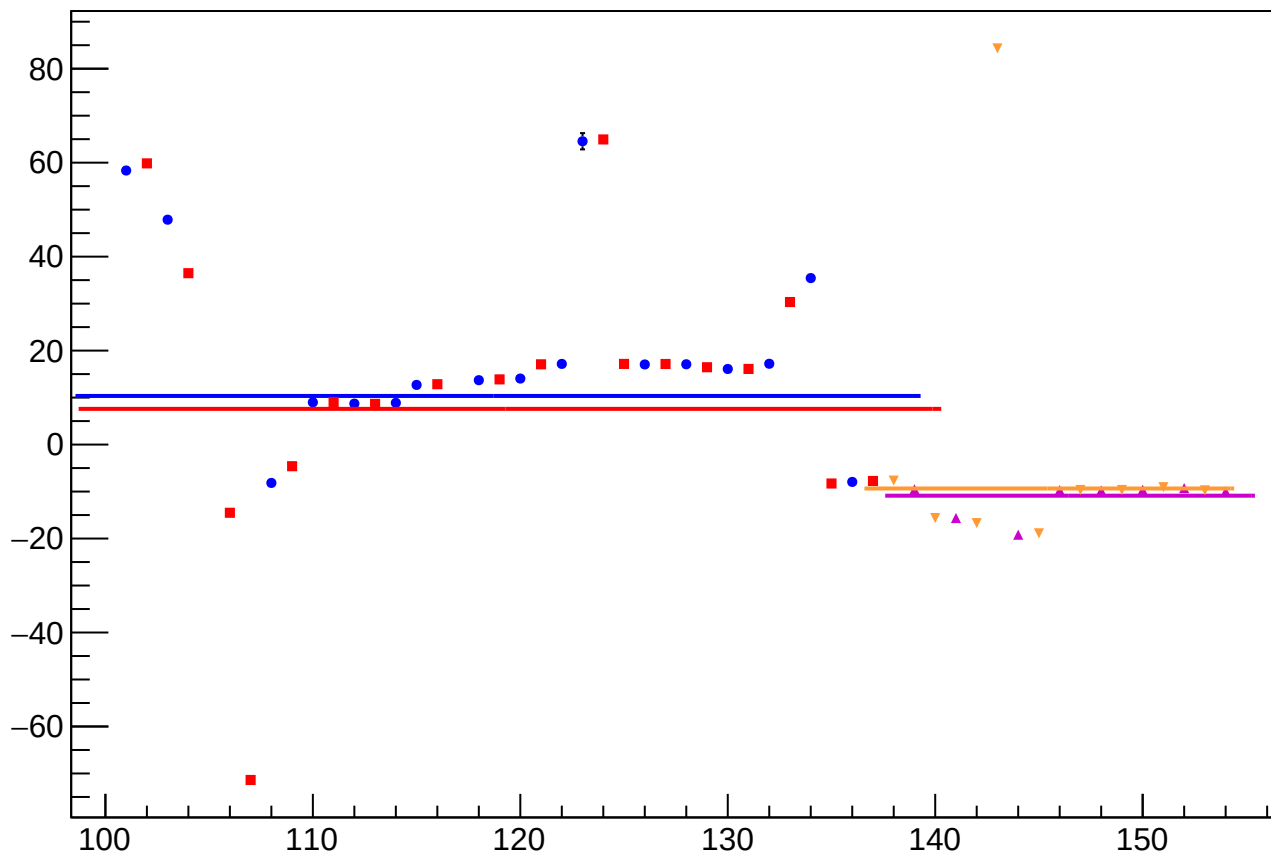
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.958 ± 0.333 χ^2/NDF : 1588.5/24

Out: -1.219 ± 0.339 χ^2/NDF : 1730.5/26

All: -1.086 ± 0.238 χ^2/NDF : 3319.3/51

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2 /NDF: 380878.9/16

Left Out: -9.345 $\pm$ 0.022 χ^2 /NDF:407117.3/8

Right Out: 7.602 $\pm$ 0.031 χ^2 /NDF: 538460.3/17

Left In: -10.878 $\pm$ 0.020 χ^2 /NDF:20703.5/7

Left: -10.167 $\pm$ 0.015 χ^2 /NDF: 430493.3/16

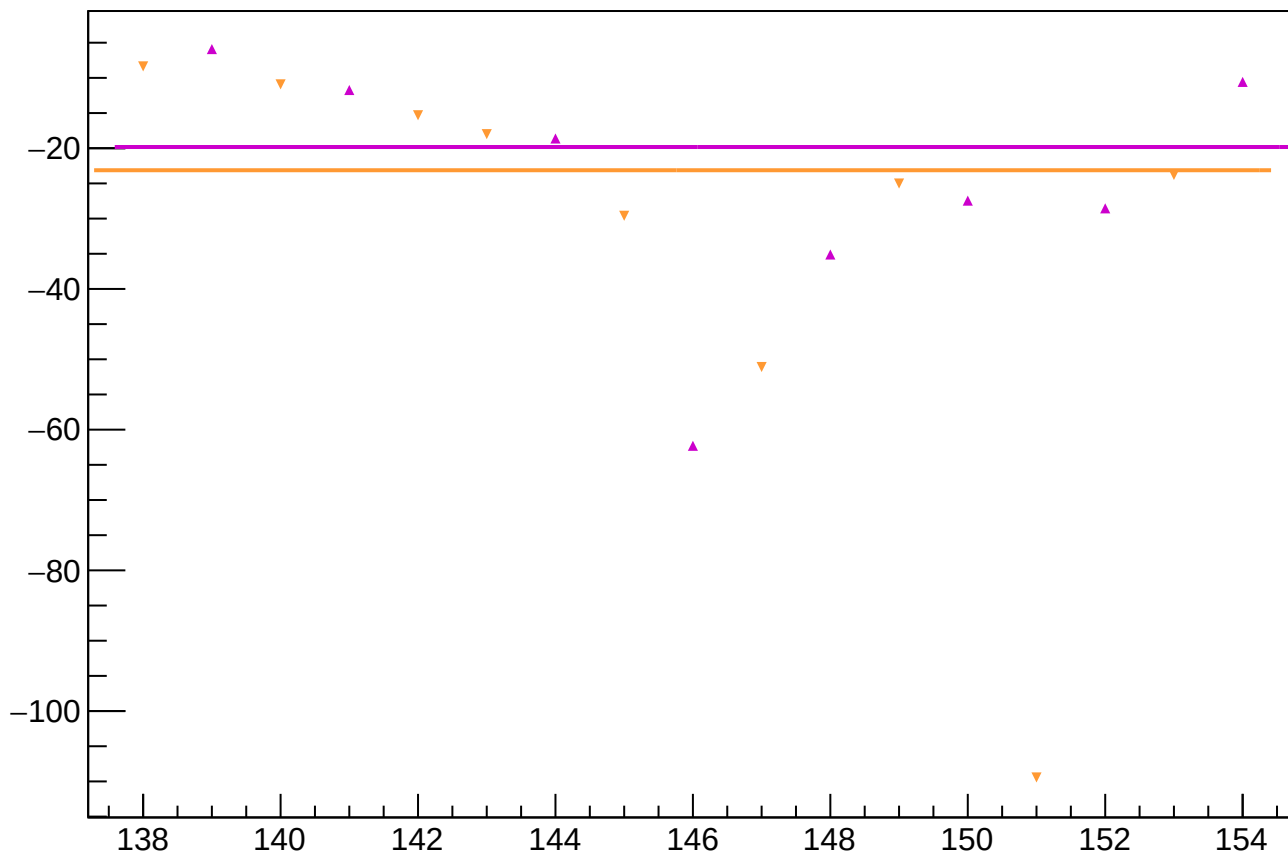
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -4.436 $\pm$ 0.017 χ^2 /NDF:737216.7/24

Out: -3.837 $\pm$ 0.018 χ^2 /NDF:1143541.5/26

All: -4.154 $\pm$ 0.012 χ^2 /NDF: 1881353.3/51

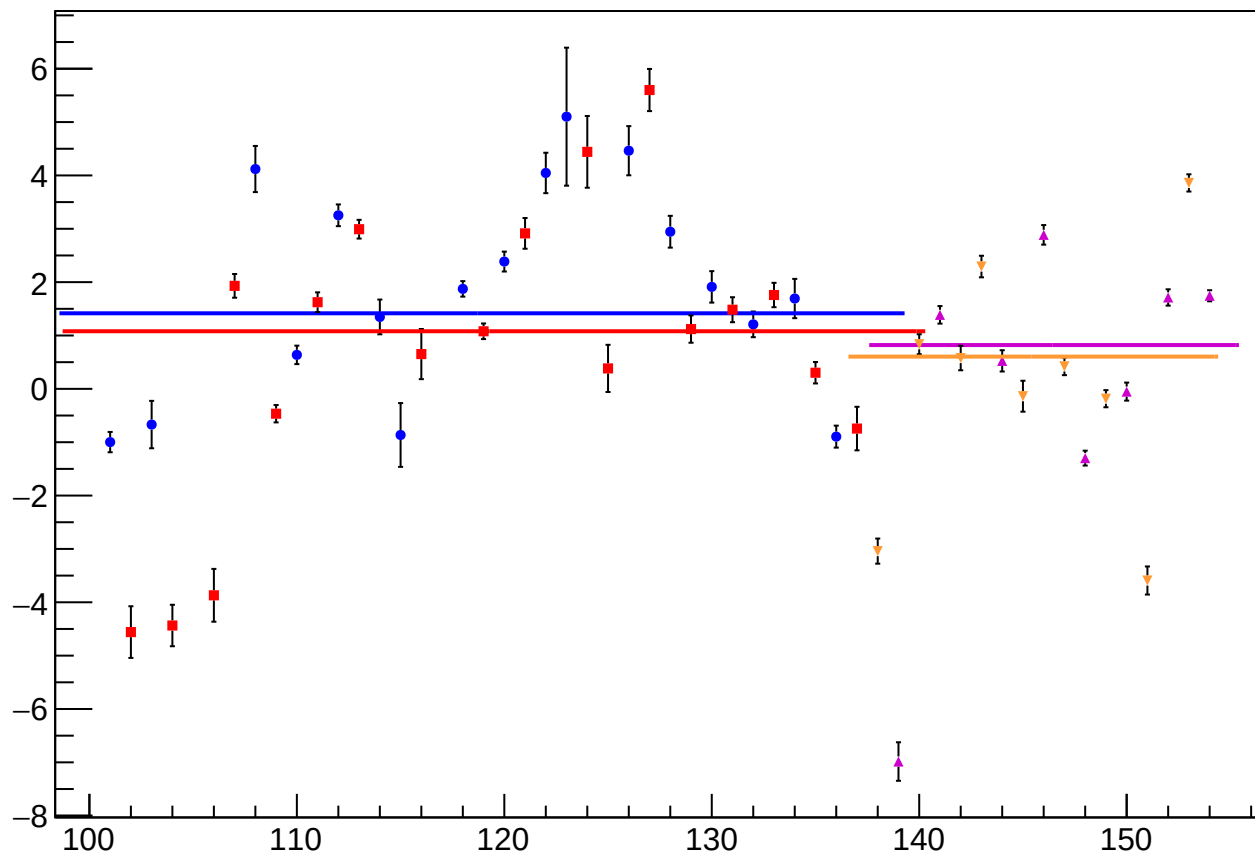
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



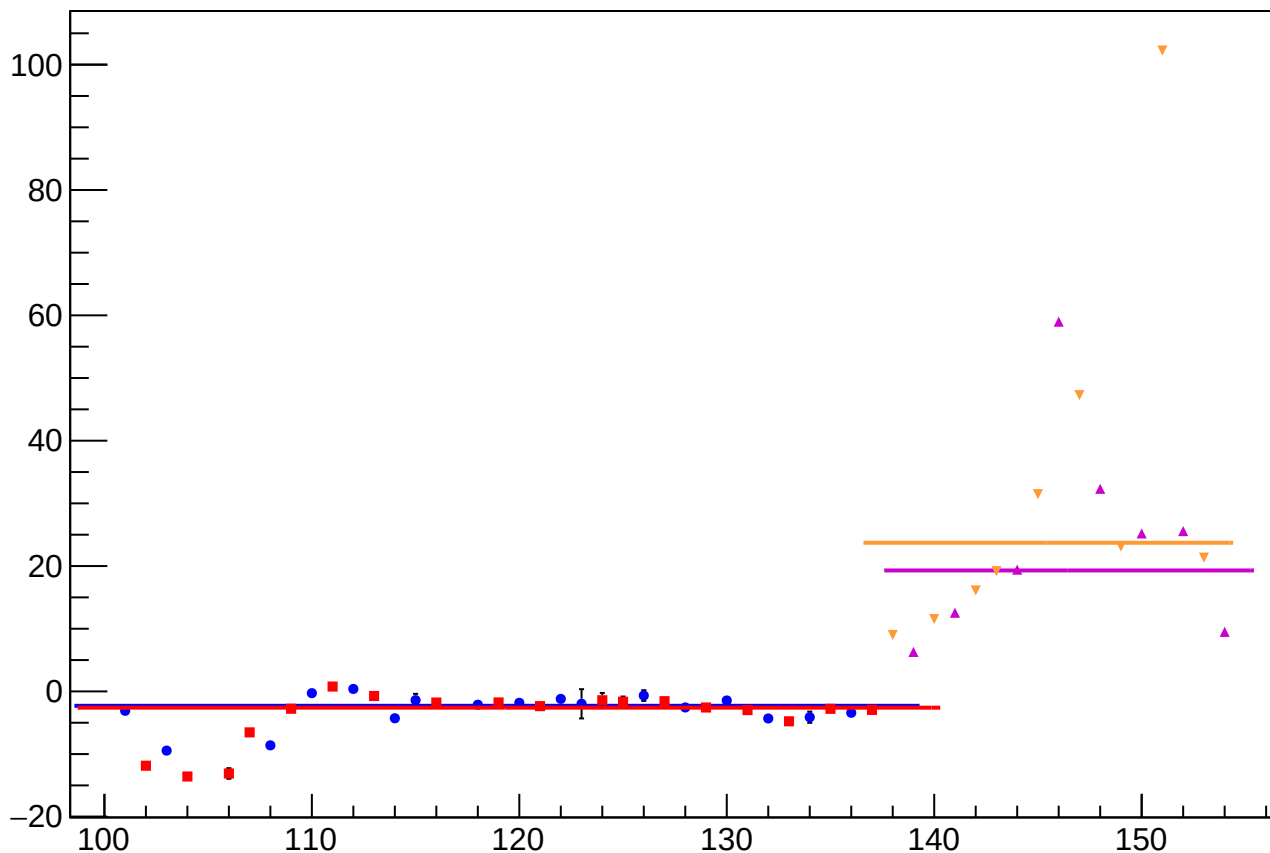
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.128+/-0.092 χ^2/NDF : 48893.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.825+/-0.080 χ^2/NDF : 33489.1/7

Left: -21.239+/-0.060 χ^2/NDF : 83121.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.825+/-0.080 χ^2/NDF : 33489.1/7
 Out: -23.128+/-0.092 χ^2/NDF : 48893.4/8
 All: -21.239+/-0.060 χ^2/NDF : 83121.1/16

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 23.715 ± 0.093 χ^2/NDF : 43595.1/8

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 19.296 ± 0.078 χ^2/NDF : 30641.1/7

Left: 21.119 ± 0.060 χ^2/NDF : 75568.0/16

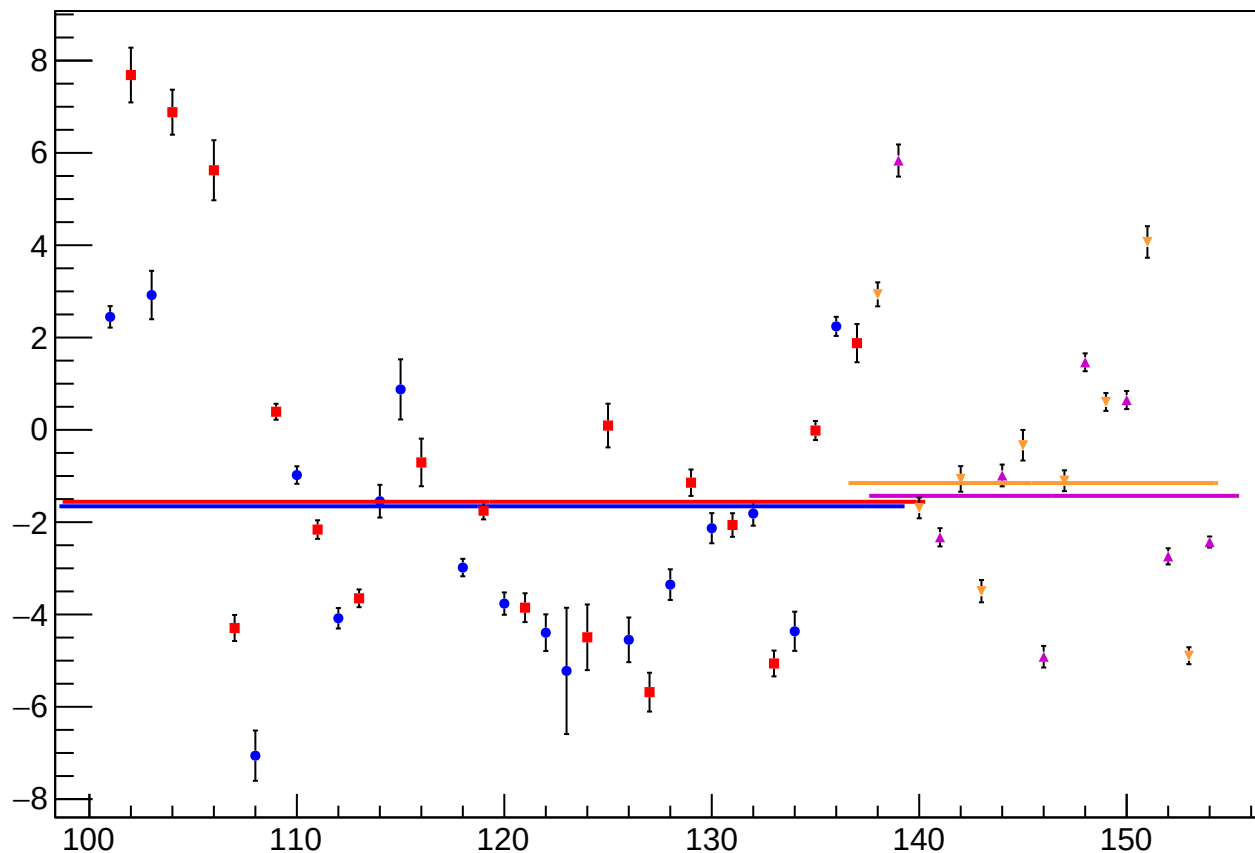
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 12.170 ± 0.064 χ^2/NDF : 56516.1/24

Out: 11.444 ± 0.068 χ^2/NDF : 81962.0/26

All: 11.830 ± 0.046 χ^2/NDF : 138539.1/51

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.153 ± 0.079 χ^2/NDF : 1085.4/8

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.430 ± 0.067 χ^2/NDF : 1142.6/7

Left: -1.315 ± 0.051 χ^2/NDF : 2235.1/16

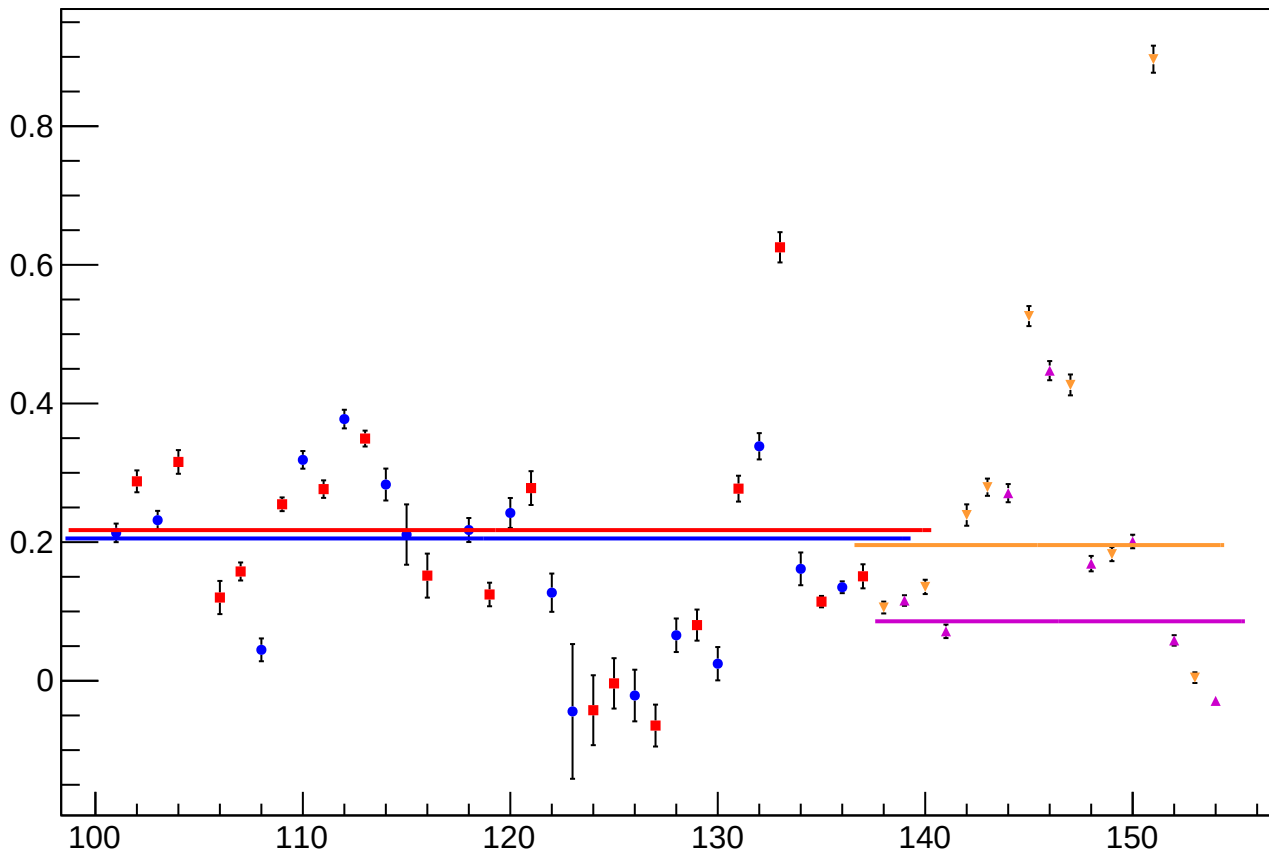
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.537 ± 0.048 χ^2/NDF : 2419.2/24

Out: -1.394 ± 0.051 χ^2/NDF : 2585.6/26

All: -1.468 ± 0.035 χ^2/NDF : 5009.0/51

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.196 ± 0.004 χ^2/NDF : 2865.1/8

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.086 ± 0.003 χ^2/NDF : 1651.4/7

Left: 0.128 ± 0.002 χ^2/NDF : 5054.7/16

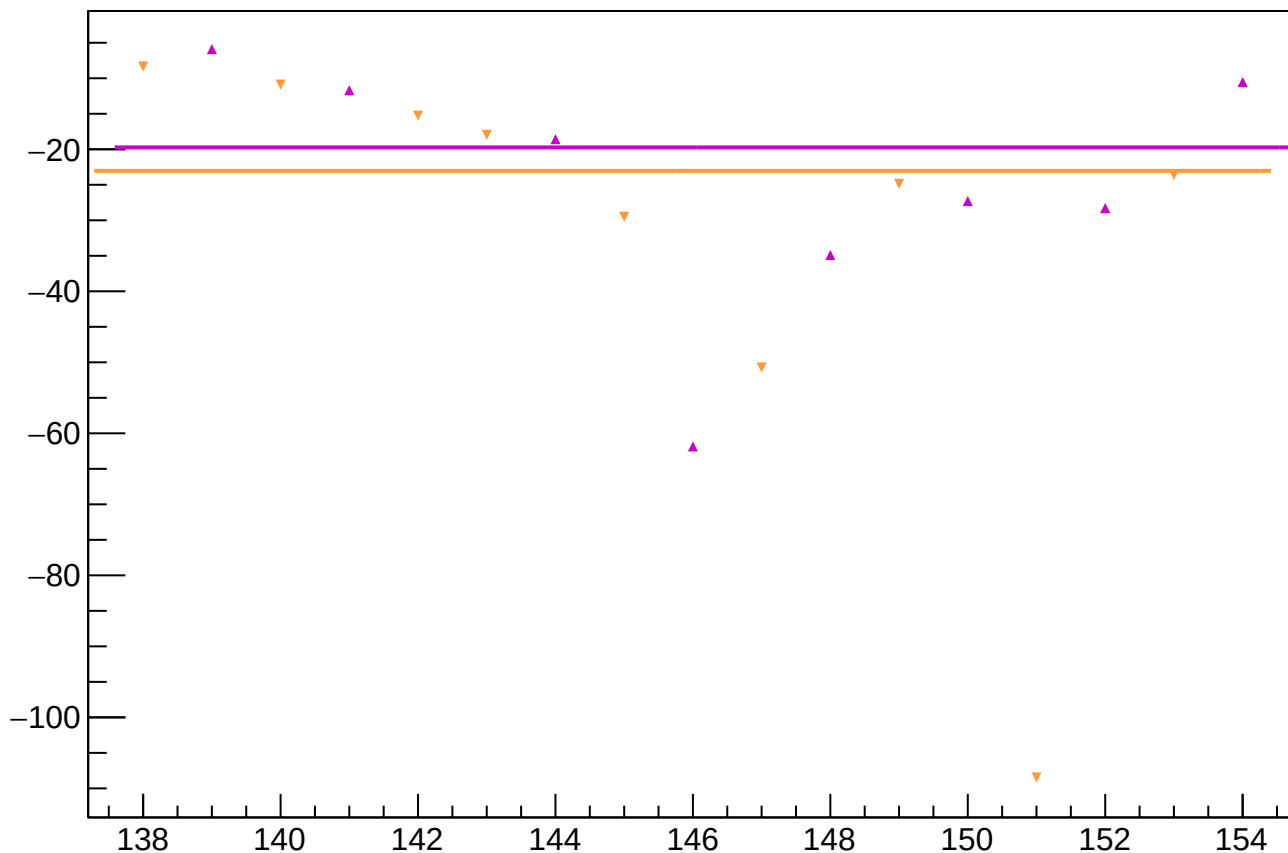
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.126 ± 0.002 χ^2/NDF : 2826.3/24

Out: 0.207 ± 0.003 χ^2/NDF : 3901.4/26

All: 0.162 ± 0.002 χ^2/NDF : 7244.0/51

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.037+/-0.091 χ^2/NDF : 48774.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.735+/-0.079 χ^2/NDF : 33411.4/7

Left: -21.148+/-0.060 χ^2/NDF : 82932.8/16

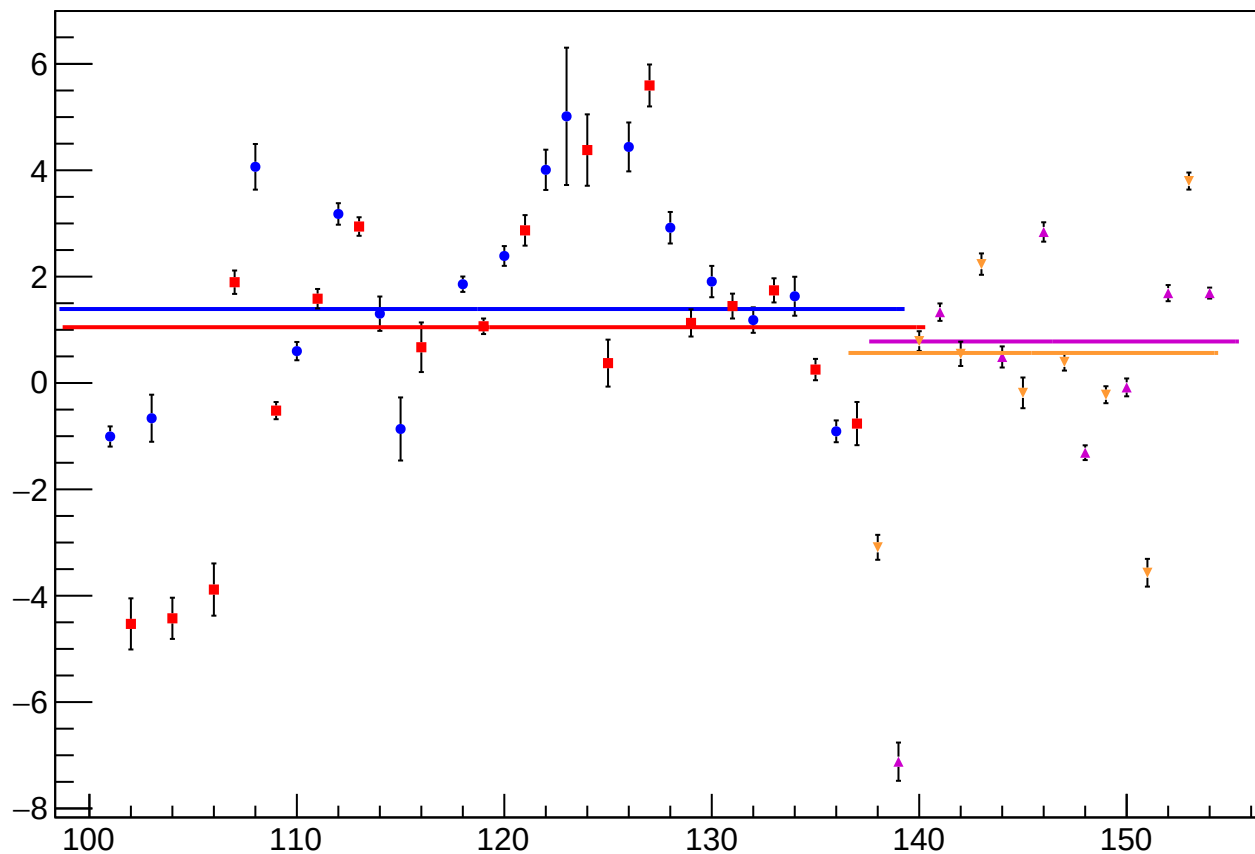
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.735+/-0.079 χ^2/NDF : 33411.4/7

Out: -23.037+/-0.091 χ^2/NDF : 48774.3/8

All: -21.148+/-0.060 χ^2/NDF : 82932.8/16

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.565 ± 0.065 χ^2/NDF : 1003.6/8

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 0.781 ± 0.055 χ^2/NDF : 992.2/7

Left: 0.691 ± 0.042 χ^2/NDF : 2002.1/16

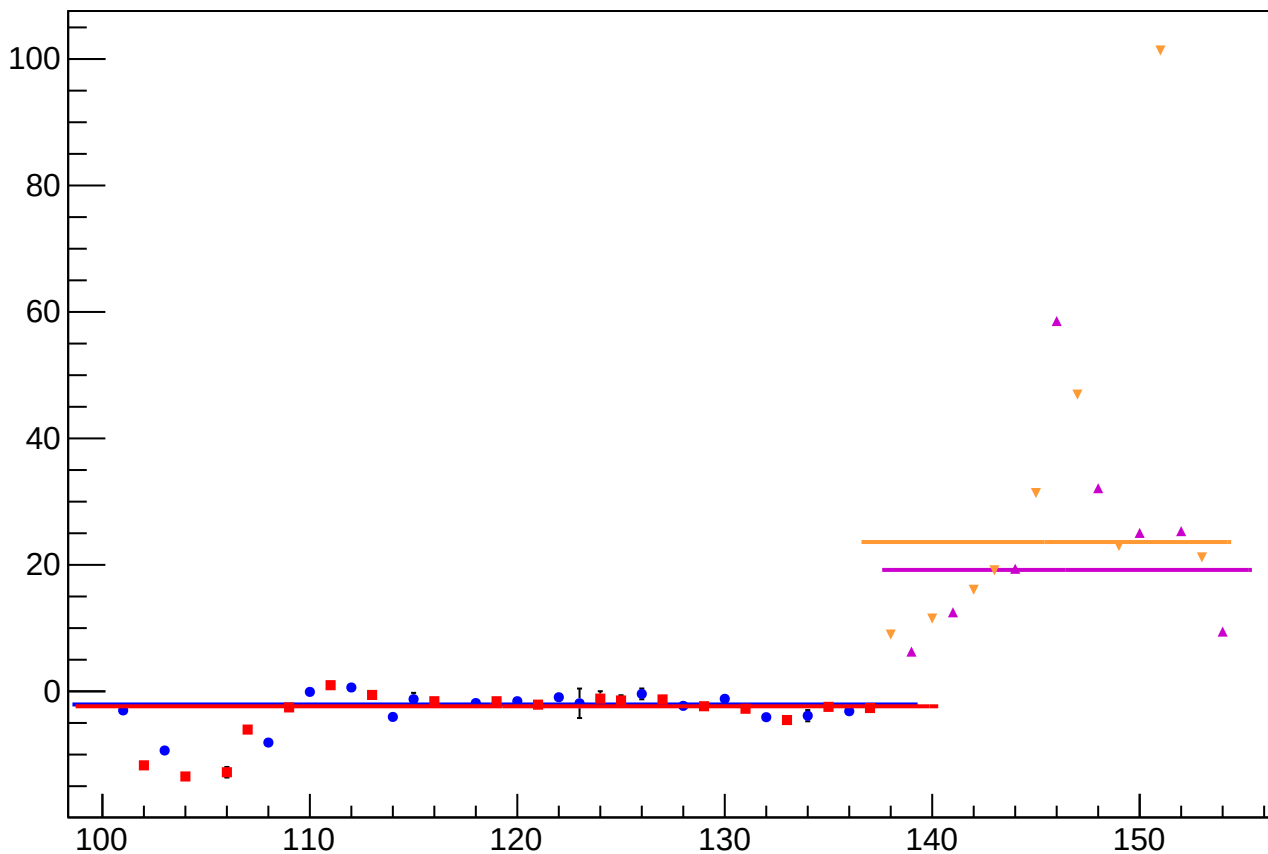
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.057 ± 0.041 χ^2/NDF : 1676.3/24

Out: 0.836 ± 0.043 χ^2/NDF : 1954.0/26

All: 0.953 ± 0.030 χ^2/NDF : 3644.1/51

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 23.614 ± 0.092 χ^2/NDF : 43489.1/8

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 19.204 ± 0.077 χ^2/NDF : 30575.3/7

Left: 21.023 ± 0.059 χ^2/NDF : 75406.9/16

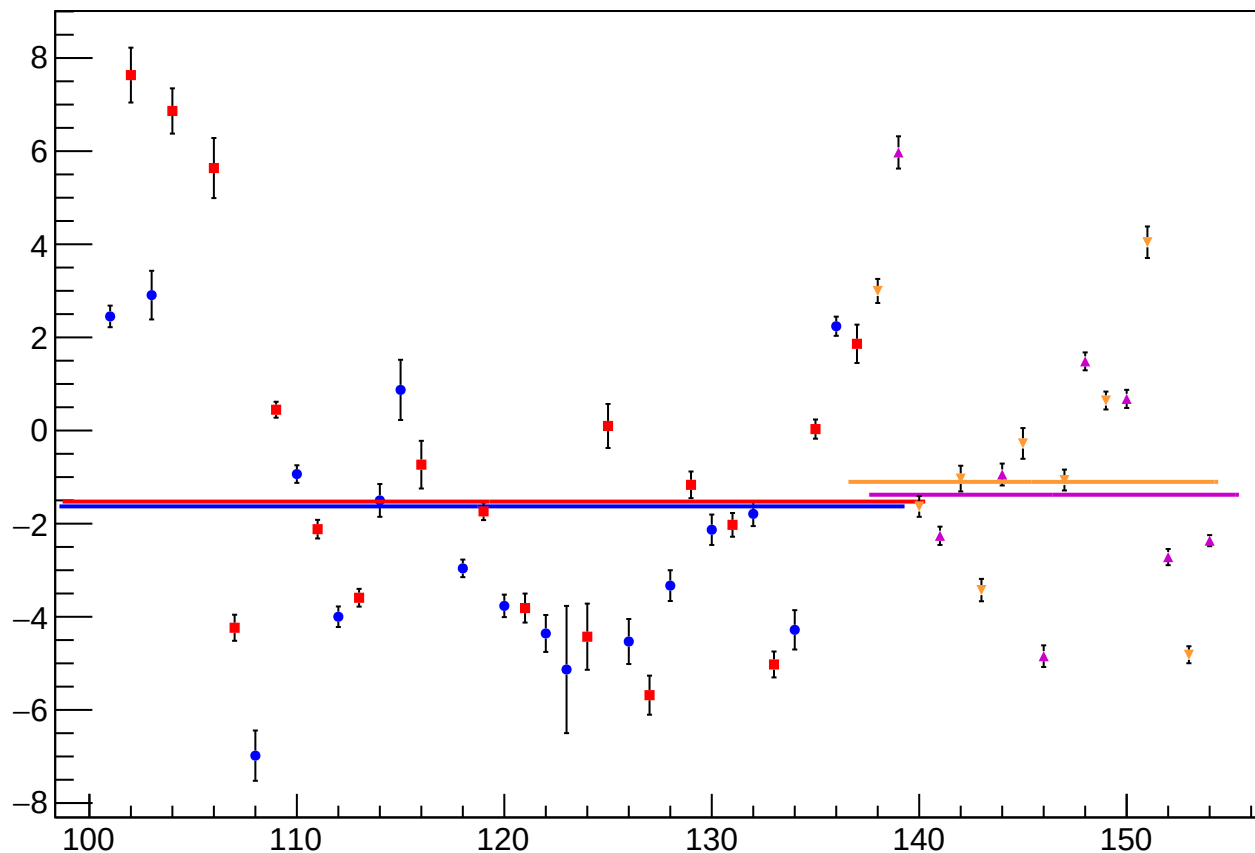
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 12.195 ± 0.063 χ^2/NDF : 55984.1/24

Out: 11.504 ± 0.067 χ^2/NDF : 81341.7/26

All: 11.871 ± 0.046 χ^2/NDF : 137381.7/51

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.102 ± 0.079 χ^2/NDF : 1085.8/8

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.379 ± 0.066 χ^2/NDF : 1158.1/7

Left: -1.265 ± 0.051 χ^2/NDF : 2251.2/16

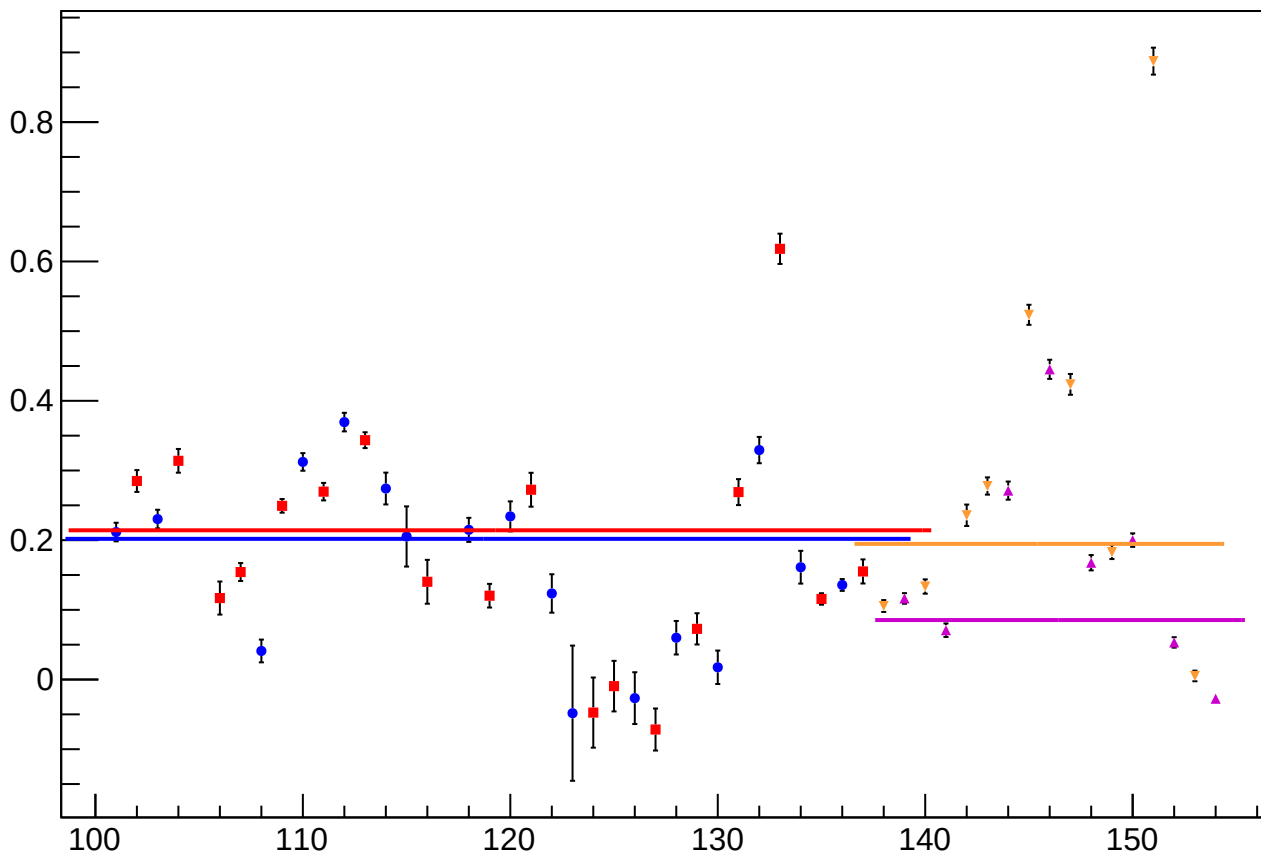
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.497 ± 0.048 χ^2/NDF : 2431.2/24

Out: -1.353 ± 0.050 χ^2/NDF : 2591.1/26

All: -1.428 ± 0.035 χ^2/NDF : 5026.6/51

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.195 $\pm$ 0.004 χ^2 /NDF:2855.2/8

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.085 $\pm$ 0.003 χ^2 /NDF:1654.8/7

Left: 0.127 $\pm$ 0.002 χ^2 /NDF: 5048.5/16

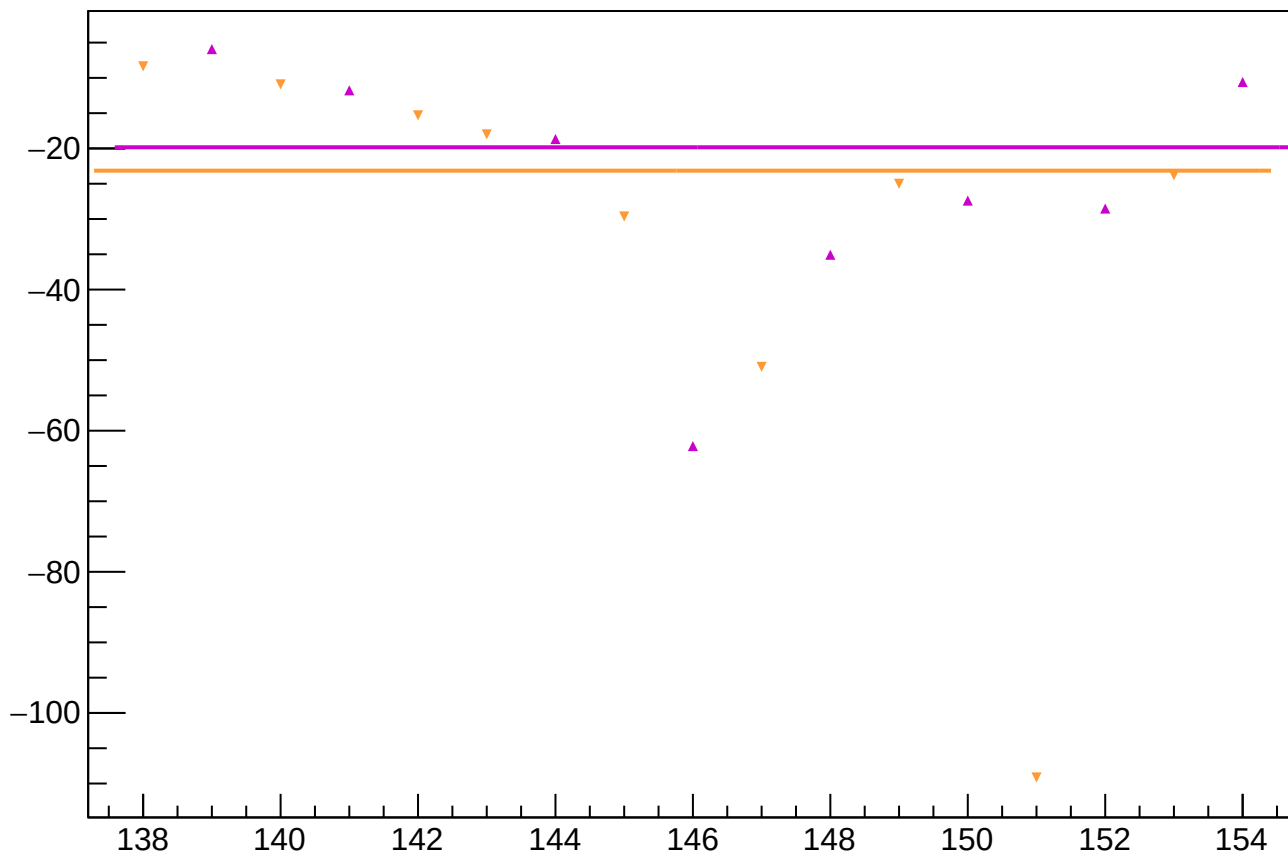
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.124 $\pm$ 0.002 χ^2 /NDF:2792.4/24

Out: 0.204 $\pm$ 0.003 χ^2 /NDF:3870.7/26

All: 0.161 $\pm$ 0.002 χ^2 /NDF: 7177.1/51

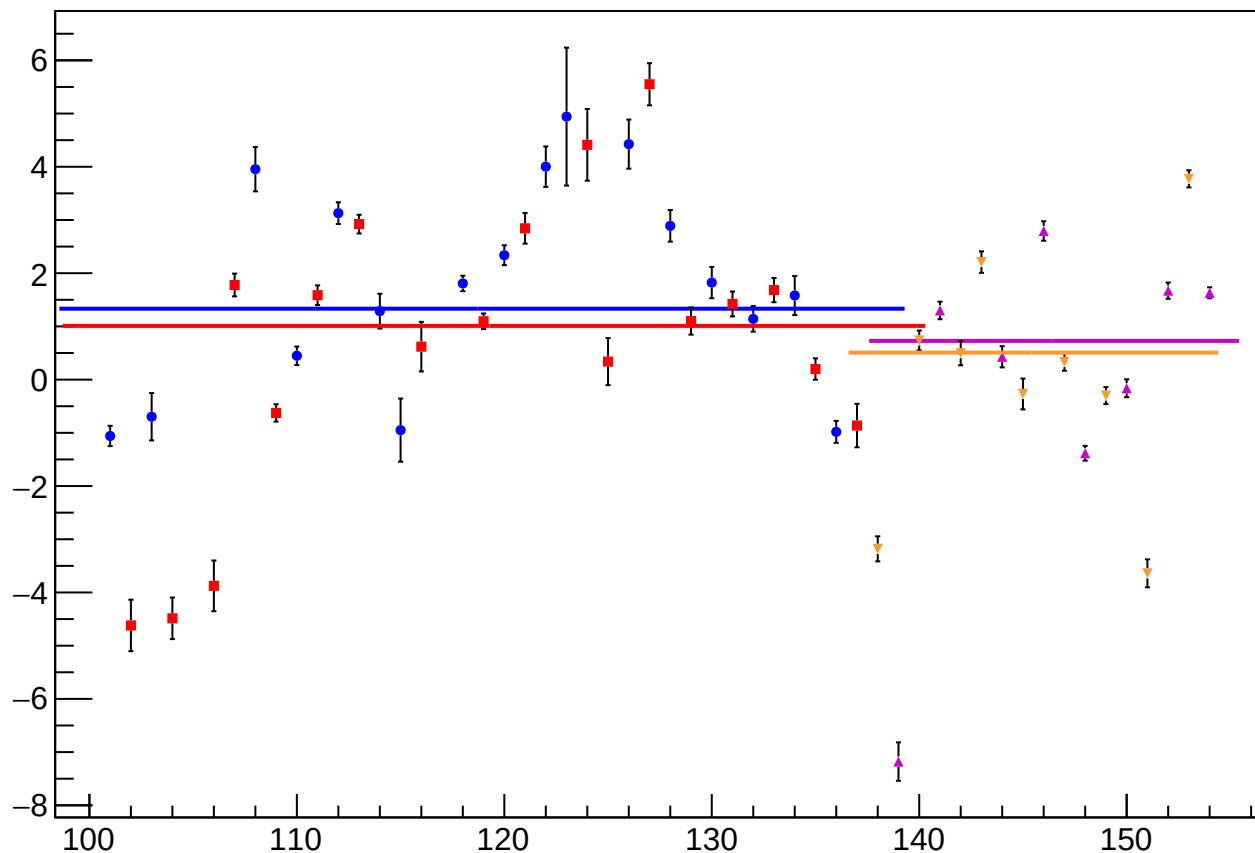
reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.148+/-0.092 χ^2/NDF :48878.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.835+/-0.079 χ^2/NDF :33477.3/7

Left: -21.253+/-0.060 χ^2/NDF : 83101.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.835+/-0.079 χ^2/NDF :33477.3/7
 Out: -23.148+/-0.092 χ^2/NDF :48878.4/8
 All: -21.253+/-0.060 χ^2/NDF : 83101.7/16

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.508 ± 0.066 χ^2/NDF : 1013.0/8

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.727 ± 0.056 χ^2/NDF : 993.3/7

Left: 0.636 ± 0.042 χ^2/NDF : 2012.9/16

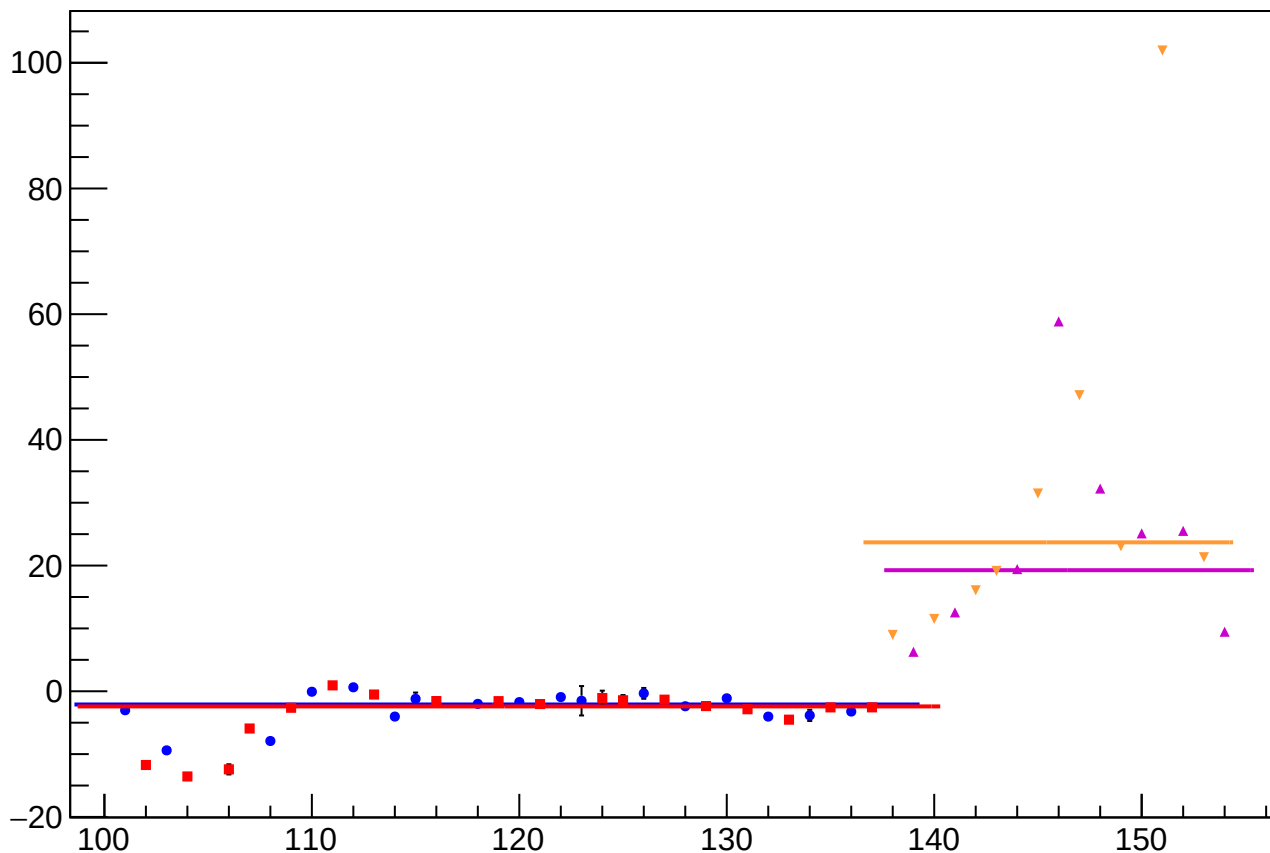
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.001 ± 0.041 χ^2/NDF : 1681.5/24

Out: 0.790 ± 0.044 χ^2/NDF : 1976.1/26

All: 0.901 ± 0.030 χ^2/NDF : 3670.1/51

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.697 ± 0.093 χ^2/NDF : 43580.6/8

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 19.264 ± 0.078 χ^2/NDF : 30647.0/7

Left: 21.091 ± 0.059 χ^2/NDF : 75572.3/16

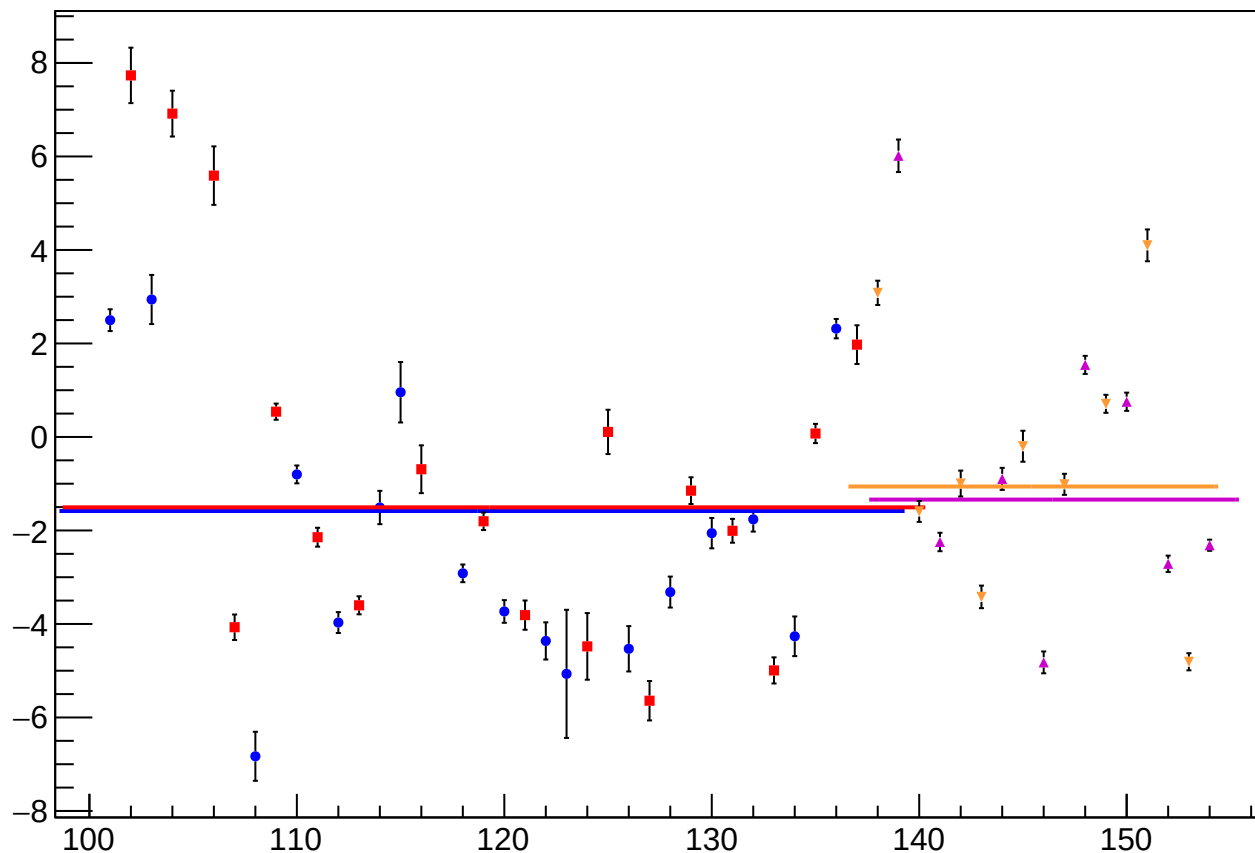
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 12.239 ± 0.064 χ^2/NDF : 56018.3/24

Out: 11.535 ± 0.068 χ^2/NDF : 81438.9/26

All: 11.909 ± 0.046 χ^2/NDF : 137514.7/51

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -1.060 ± 0.079 χ^2/NDF : 1095.6/8

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.340 ± 0.066 χ^2/NDF : 1159.4/7

Left: -1.224 ± 0.051 χ^2/NDF : 2262.4/16

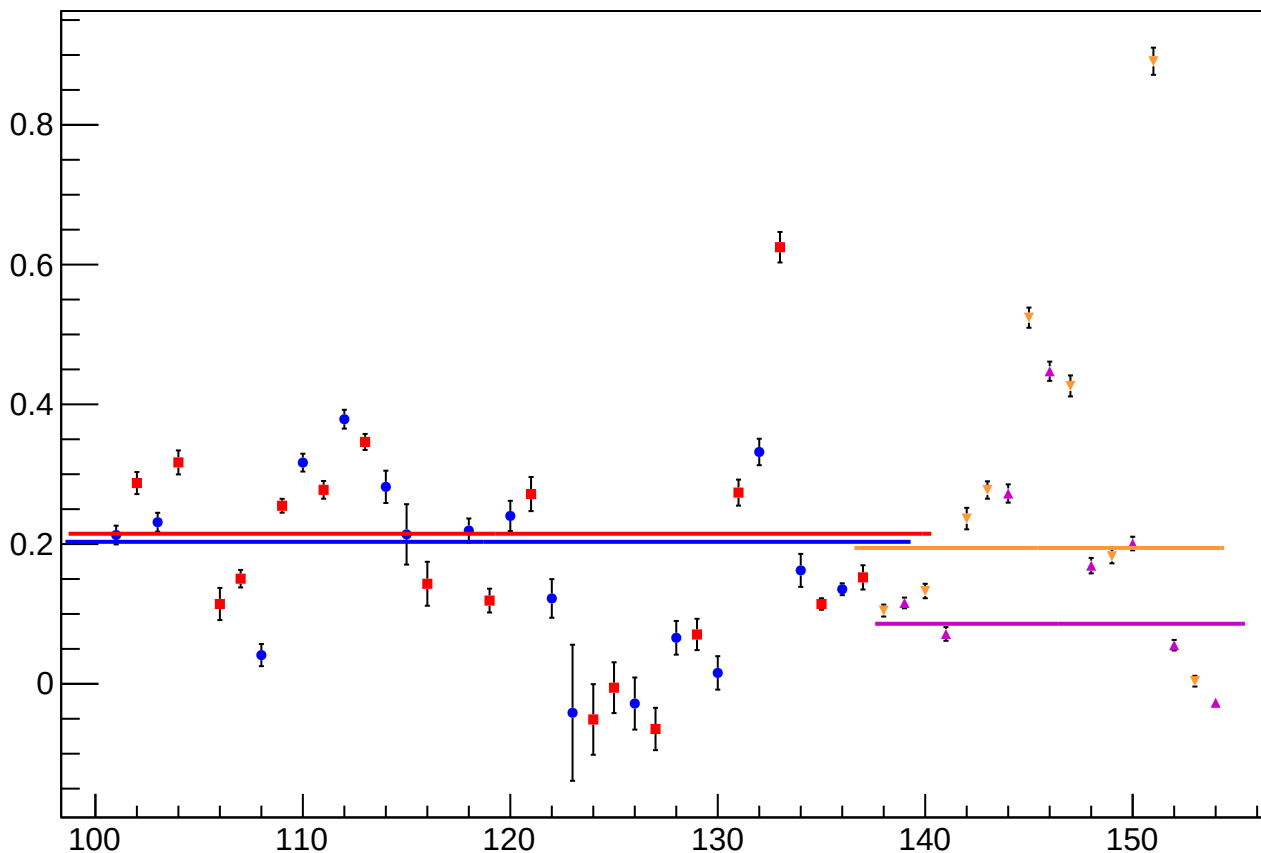
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.455 ± 0.048 χ^2/NDF : 2437.9/24

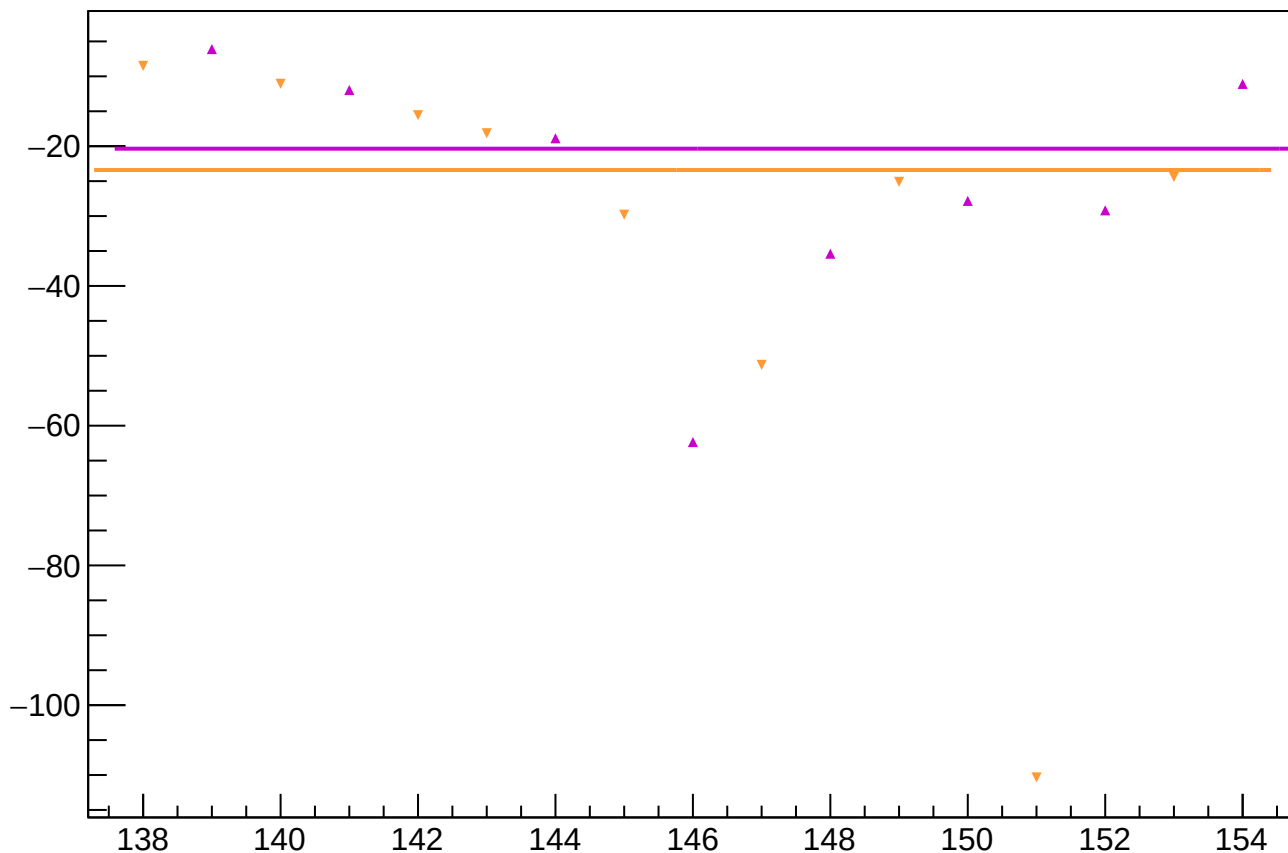
Out: -1.324 ± 0.051 χ^2/NDF : 2614.3/26

All: -1.392 ± 0.035 χ^2/NDF : 5055.7/51

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.408+/-0.093 χ^2/NDF :48769.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.356+/-0.081 χ^2/NDF :32689.0/7

Left: -21.675+/-0.061 χ^2/NDF : 82072.9/16

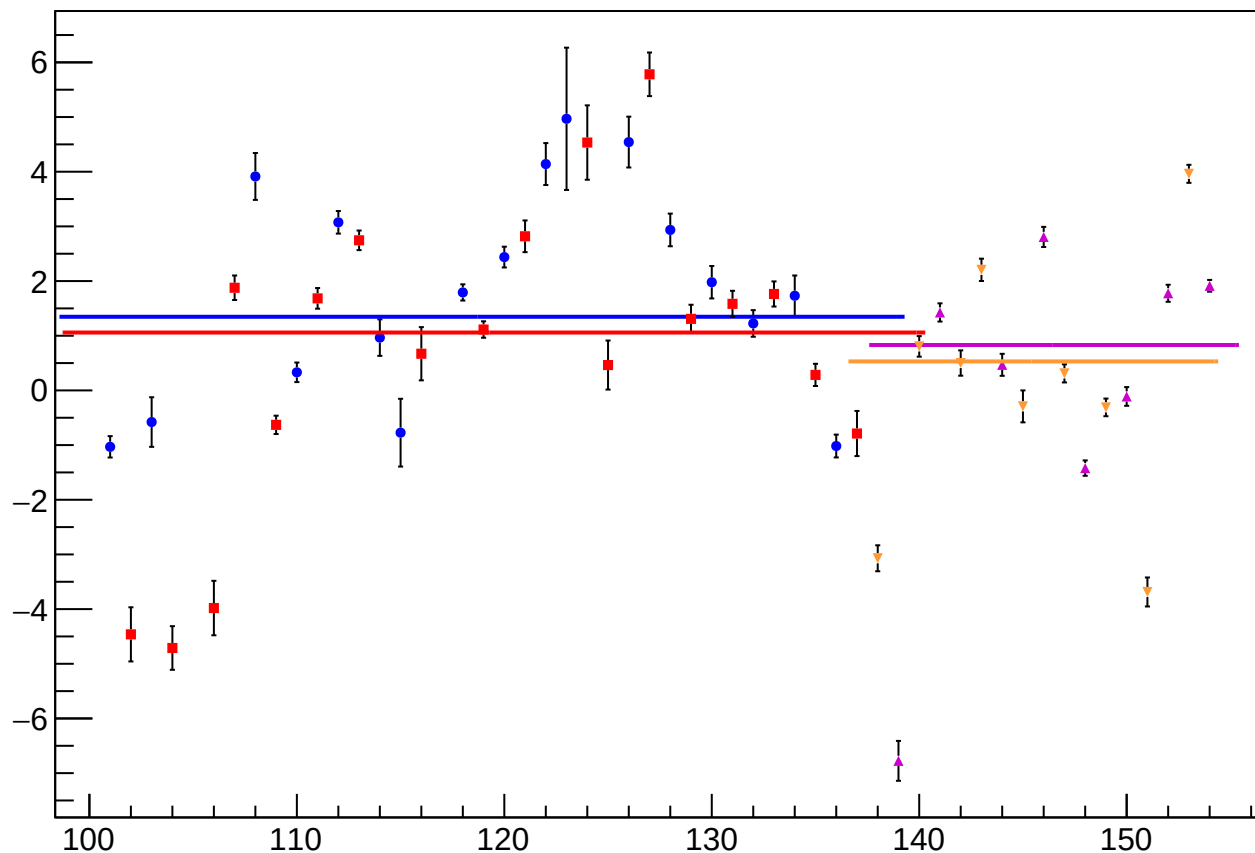
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.356+/-0.081 χ^2/NDF :32689.0/7

Out: -23.408+/-0.093 χ^2/NDF :48769.9/8

All: -21.675+/-0.061 χ^2/NDF : 82072.9/16

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: 0.530 $\pm$ 0.066 χ^2 /NDF:1022.5/8

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 0.830 $\pm$ 0.057 χ^2 /NDF:989.8/7

Left: 0.704 $\pm$ 0.043 χ^2 /NDF: 2024.1/16

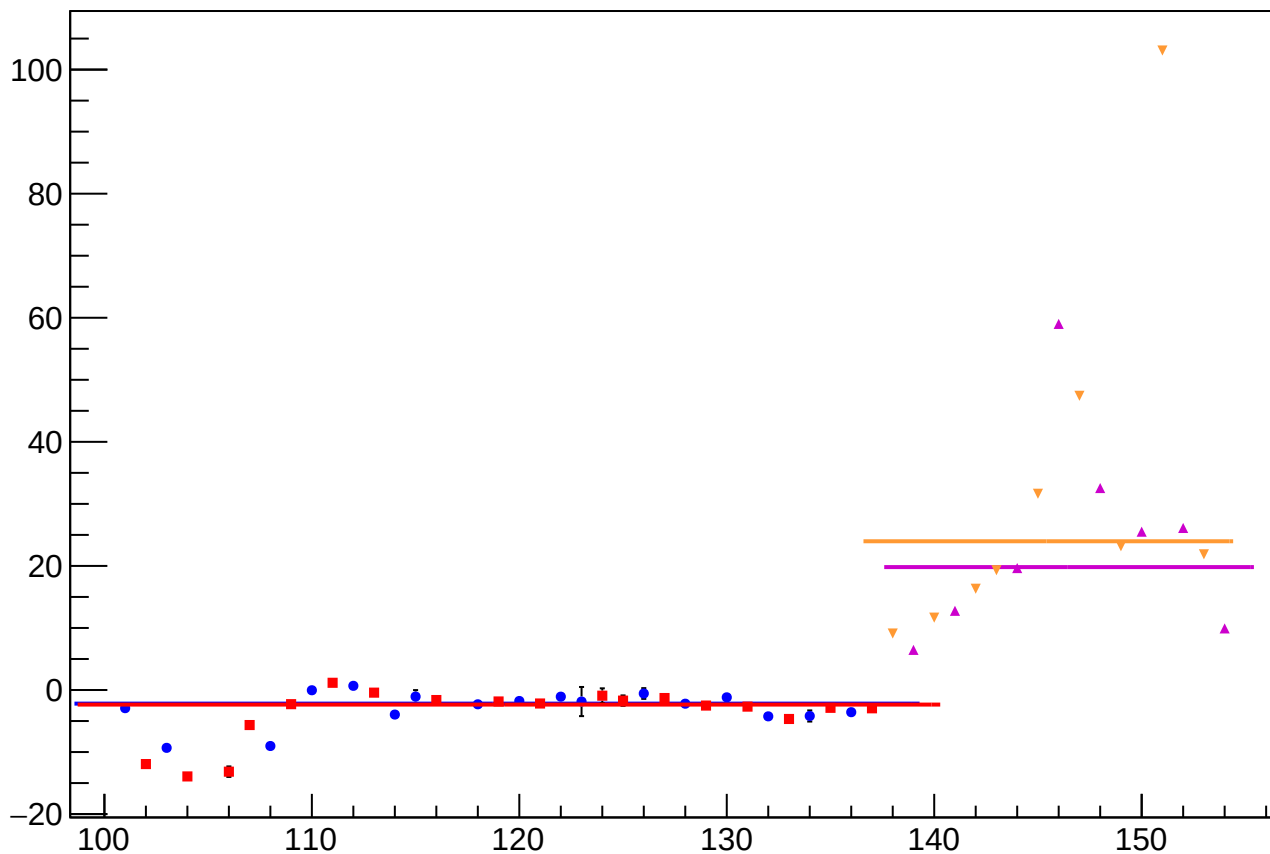
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.065 $\pm$ 0.042 χ^2 /NDF:1657.5/24

Out: 0.825 $\pm$ 0.044 χ^2 /NDF:1963.0/26

All: 0.951 $\pm$ 0.030 χ^2 /NDF: 3636.0/51

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 23.974 ± 0.094 $\chi^2/\text{NDF}: 43450.4/8$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 19.812 ± 0.079 $\chi^2/\text{NDF}: 29763.2/7$

Left: 21.548 ± 0.061 $\chi^2/\text{NDF}: 74362.5/16$

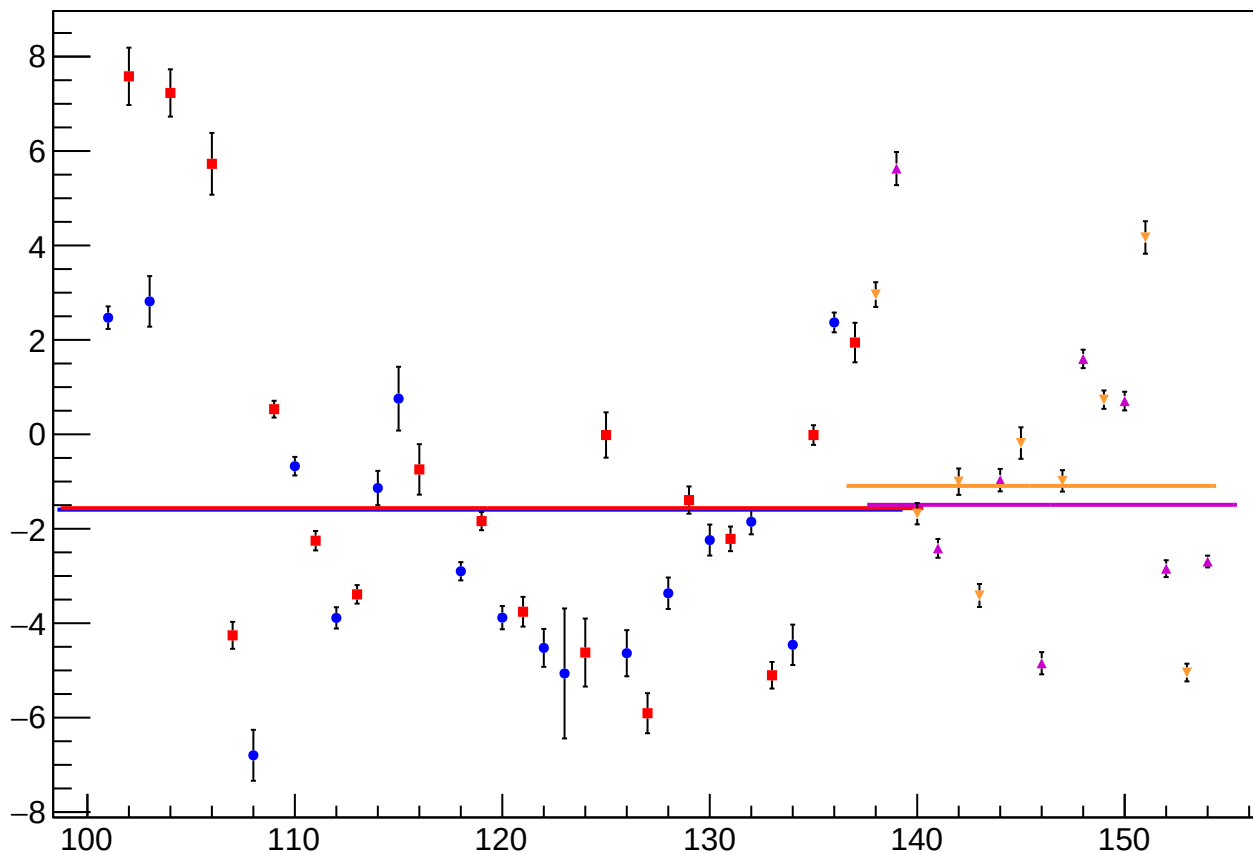
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 12.539 ± 0.065 $\chi^2/\text{NDF}: 55685.6/24$

Out: 11.833 ± 0.069 $\chi^2/\text{NDF}: 80714.3/26$

All: 12.207 ± 0.047 $\chi^2/\text{NDF}: 136455.6/51$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -1.092 ± 0.080 χ^2/NDF : 1111.1/8

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.492 ± 0.068 χ^2/NDF : 1163.9/7

Left: -1.325 ± 0.052 χ^2/NDF : 2289.5/16

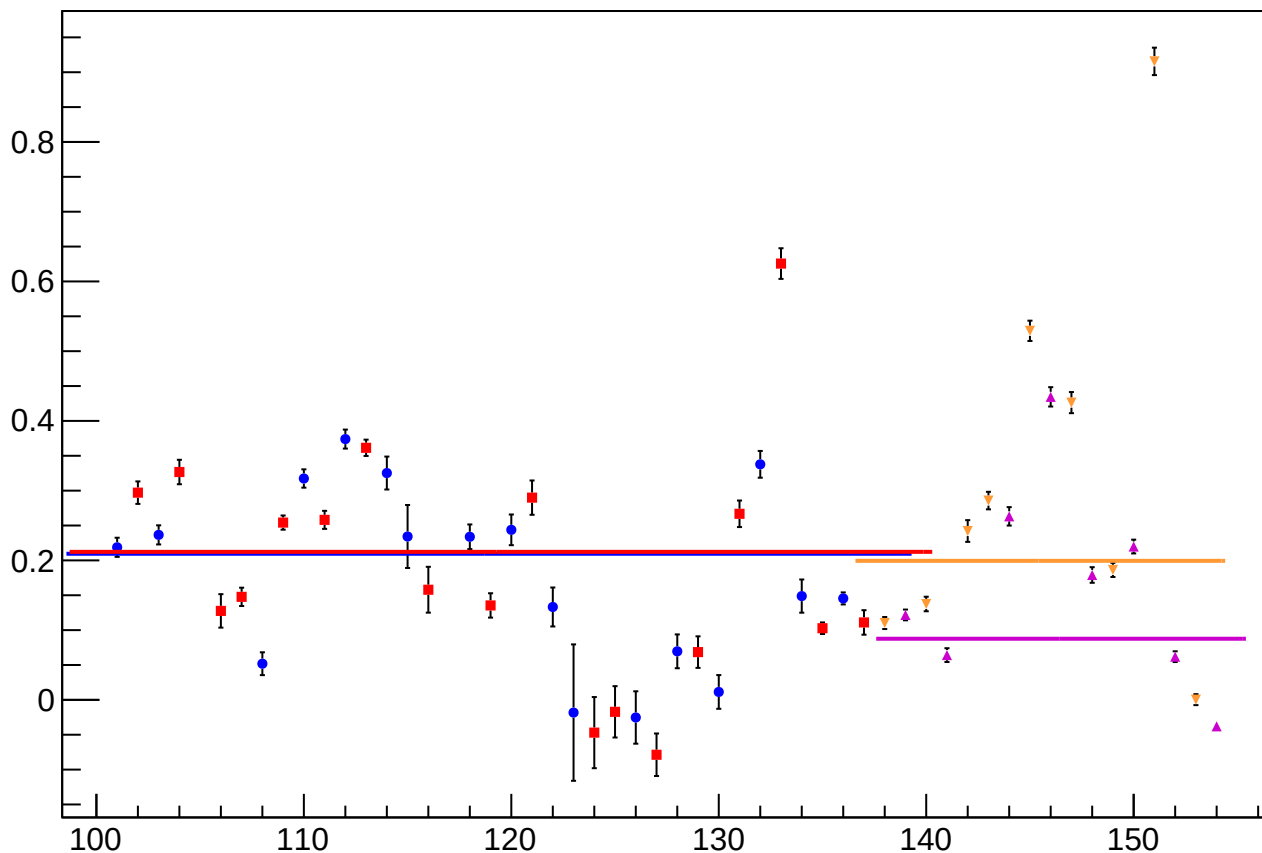
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.541 ± 0.049 χ^2/NDF : 2420.4/24

Out: -1.370 ± 0.051 χ^2/NDF : 2593.4/26

All: -1.459 ± 0.036 χ^2/NDF : 5019.5/51

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.199 $\pm$ 0.004 χ^2 /NDF:2905.3/8

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.088 $\pm$ 0.003 χ^2 /NDF:1684.0/7

Left: 0.131 $\pm$ 0.002 χ^2 /NDF: 5128.8/16

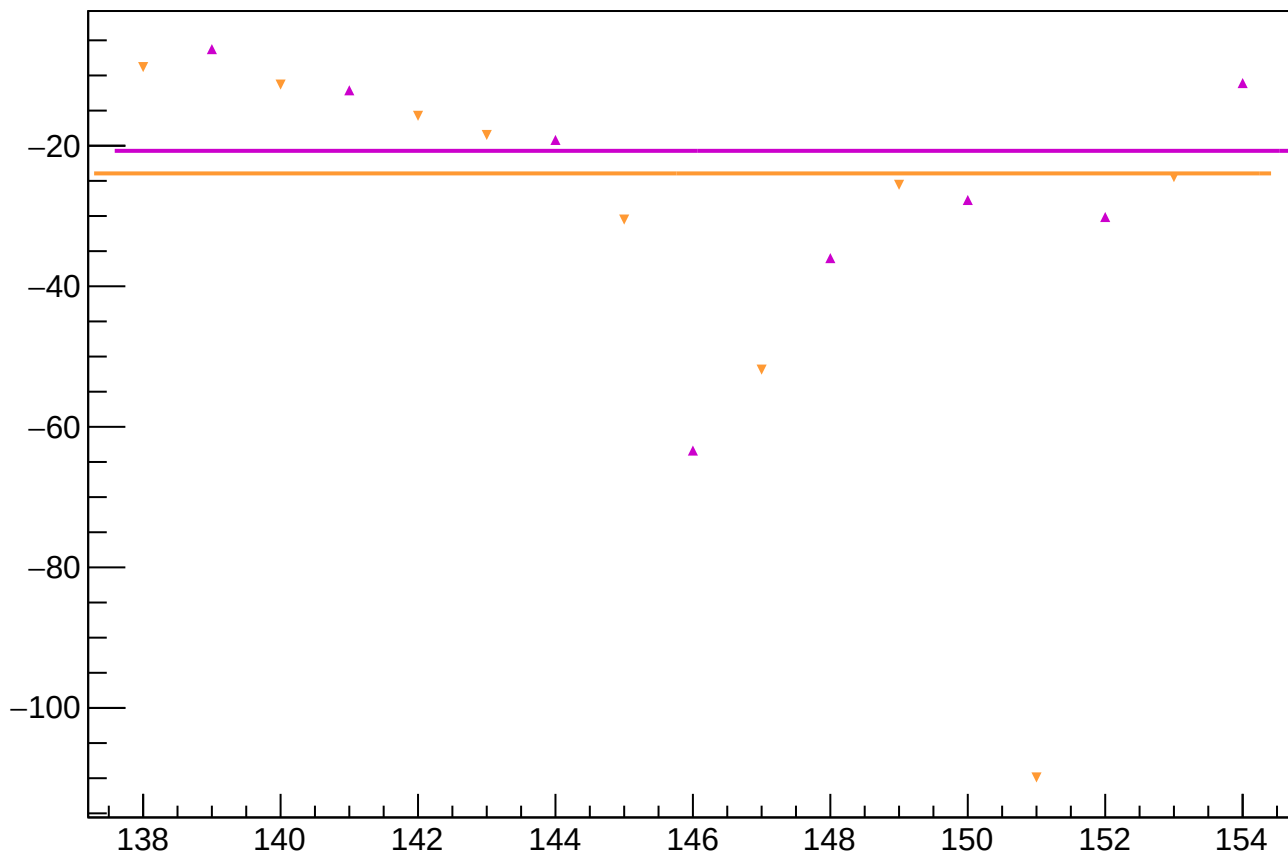
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.129 $\pm$ 0.002 χ^2 /NDF:2838.3/24

Out: 0.206 $\pm$ 0.003 χ^2 /NDF:4008.0/26

All: 0.164 $\pm$ 0.002 χ^2 /NDF: 7301.1/51

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



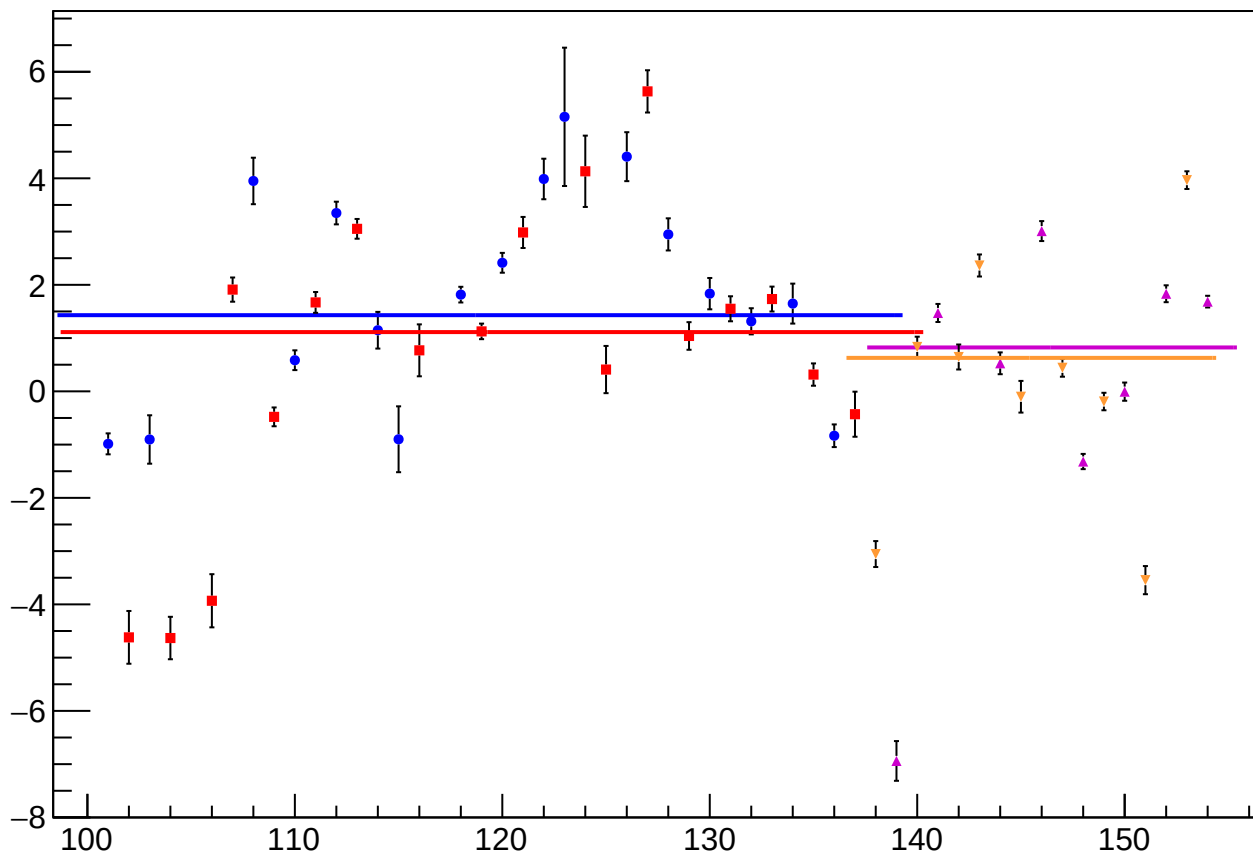
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.938+/-0.094 χ^2/NDF :48069.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.726+/-0.082 χ^2/NDF :32789.5/7

Left: -22.115+/-0.062 χ^2/NDF : 81515.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.726+/-0.082 χ^2/NDF :32789.5/7
 Out: -23.938+/-0.094 χ^2/NDF :48069.0/8

All: -22.115+/-0.062 χ^2/NDF : 81515.3/16

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 0.628 $\pm$ 0.067 χ^2 /NDF:985.2/8

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 0.824 $\pm$ 0.058 χ^2 /NDF:935.5/7

Left: 0.741 $\pm$ 0.044 χ^2 /NDF: 1925.6/16

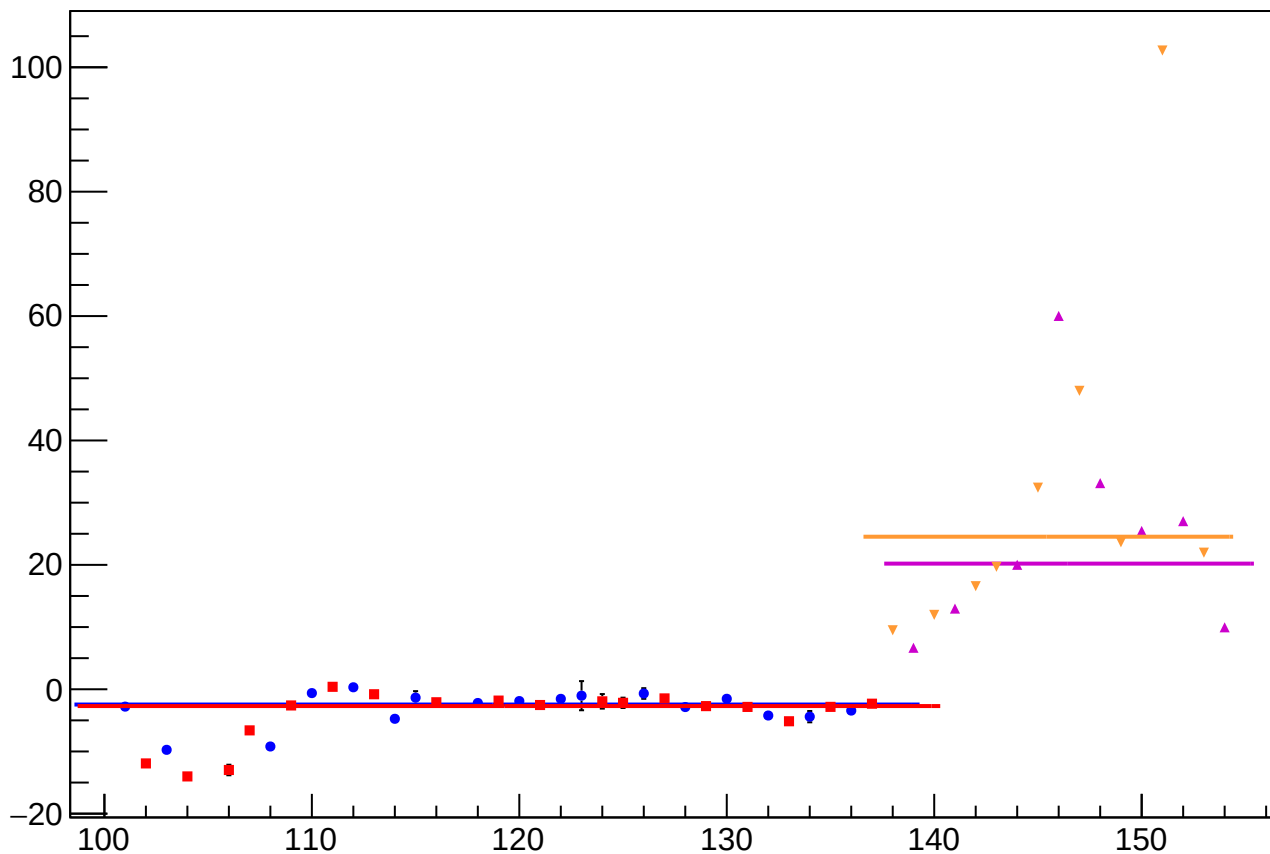
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.102 $\pm$ 0.043 χ^2 /NDF:1584.0/24

Out: 0.899 $\pm$ 0.045 χ^2 /NDF:1901.6/26

All: 1.006 $\pm$ 0.031 χ^2 /NDF: 3496.4/51

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.528 ± 0.095 χ^2/NDF : 42805.9/8

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 20.201 ± 0.081 χ^2/NDF : 29861.2/7

Left: 22.006 ± 0.062 χ^2/NDF : 73868.1/16

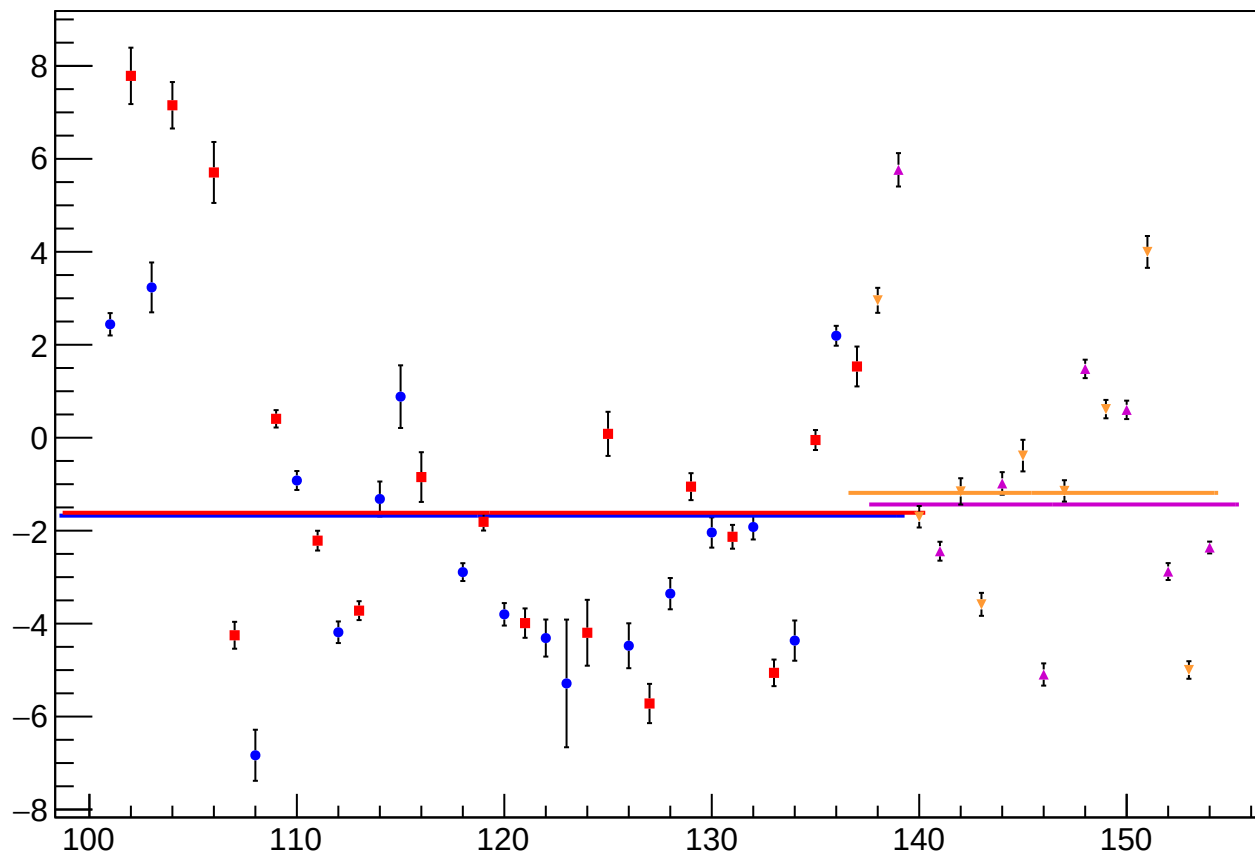
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 12.692 ± 0.066 χ^2/NDF : 56431.6/24

Out: 12.041 ± 0.070 χ^2/NDF : 81056.4/26

All: 12.386 ± 0.048 χ^2/NDF : 137533.7/51

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.187 ± 0.081 χ^2/NDF : 1060.5/8

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.437 ± 0.069 χ^2/NDF : 1101.3/7

Left: -1.332 ± 0.053 χ^2/NDF : 2167.2/16

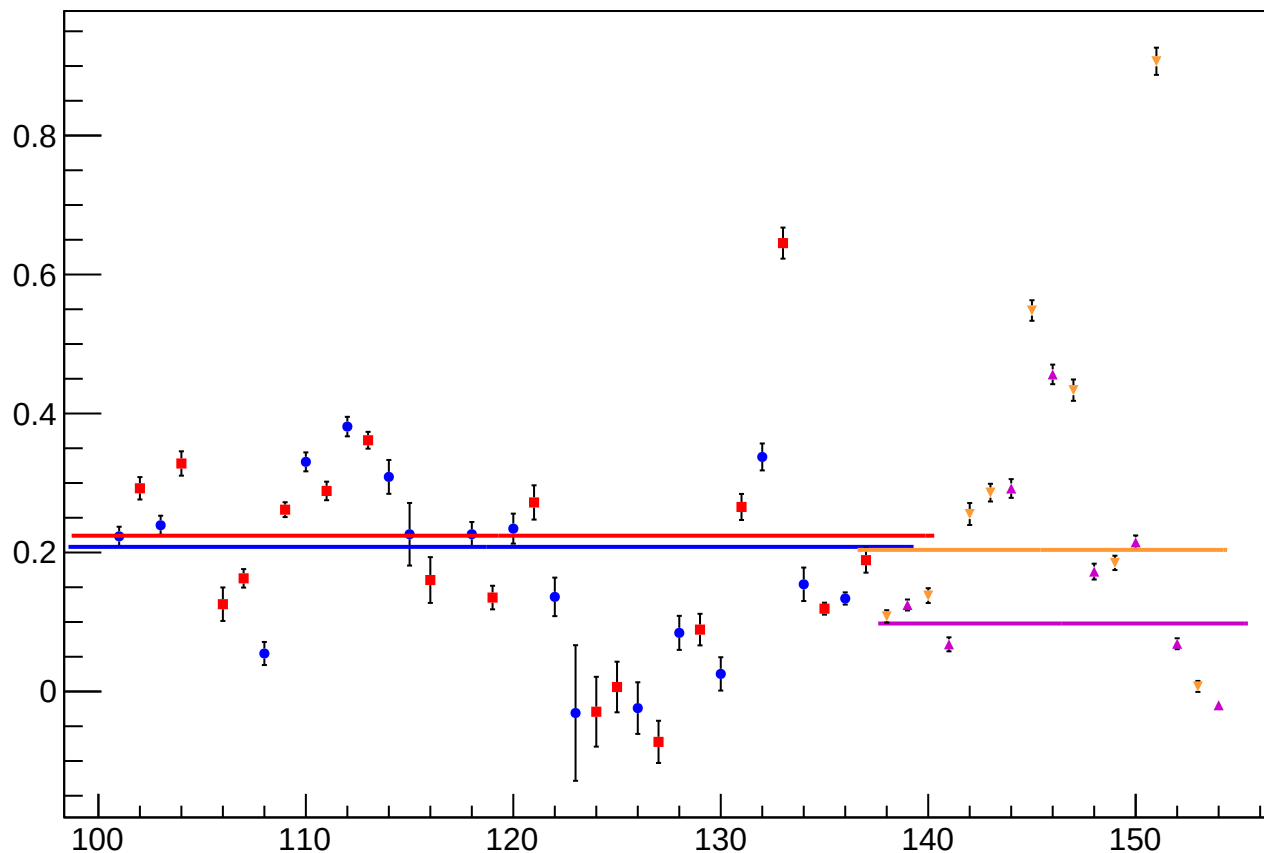
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.551 ± 0.050 χ^2/NDF : 2311.8/24

Out: -1.439 ± 0.052 χ^2/NDF : 2504.1/26

All: -1.497 ± 0.036 χ^2/NDF : 4818.2/51

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$

Left Out: 0.204 ± 0.004 $\chi^2/\text{NDF}: 2881.0/8$

Right Out: 0.224 ± 0.004 $\chi^2/\text{NDF}: 995.8/17$

Left In: 0.098 ± 0.003 $\chi^2/\text{NDF}: 1577.6/7$

Left: 0.139 ± 0.002 $\chi^2/\text{NDF}: 4927.1/16$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1603.8/34$

In: 0.135 ± 0.002 $\chi^2/\text{NDF}: 2619.9/24$

Out: 0.214 ± 0.003 $\chi^2/\text{NDF}: 3890.9/26$

All: 0.171 ± 0.002 $\chi^2/\text{NDF}: 6968.4/51$