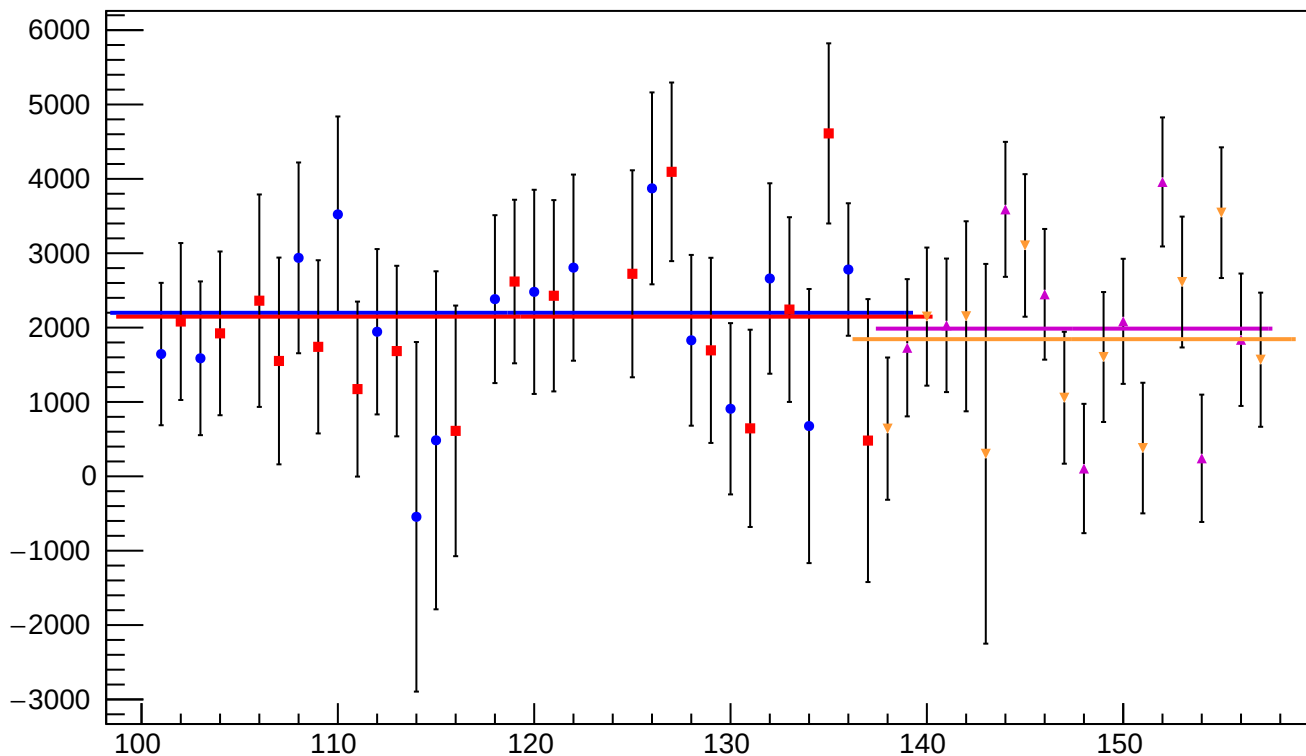


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1844.513+/-291.088

Right Out: 2147.149+/-304.804

Left In: 1986.136+/-293.422

χ^2/NDF : 8.6/15

χ^2/NDF : 12.1/10

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/8

Left: 1914.759+/-206.651

Right: 2172.848+/-216.219

In: 2087.780+/-212.042

Out: 1988.869+/-210.512

All: 2037.967+/-149.392

χ^2/NDF : 29.7/19

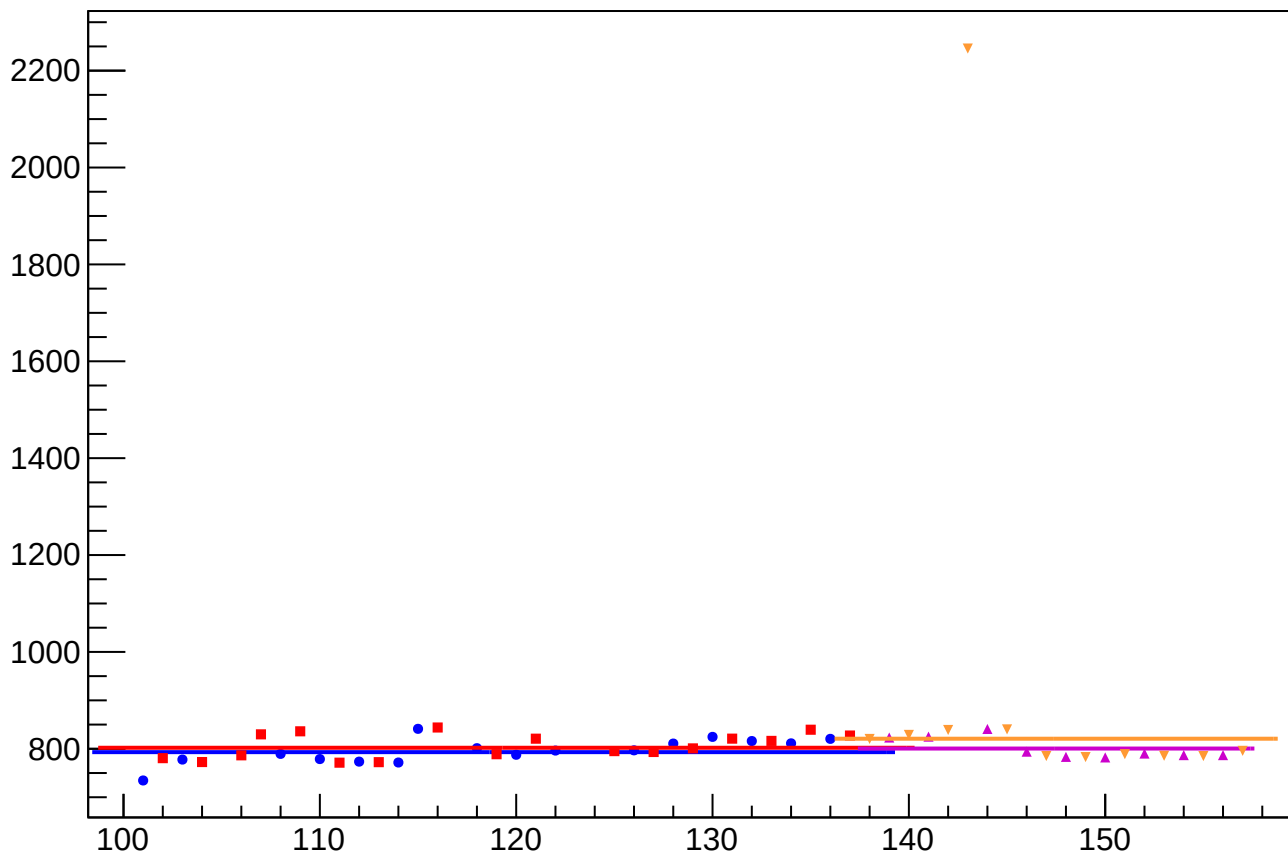
χ^2/NDF : 20.0/32

χ^2/NDF : 26.4/24

χ^2/NDF : 24.0/27

χ^2/NDF : 50.5/52

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 820.813+/-0.206 χ^2/NDF : 641986.1/10

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

Left In: 800.523+/-0.207 χ^2/NDF : 9769.8/8

Left: 810.749+/-0.146 χ^2/NDF : 656575.7/19

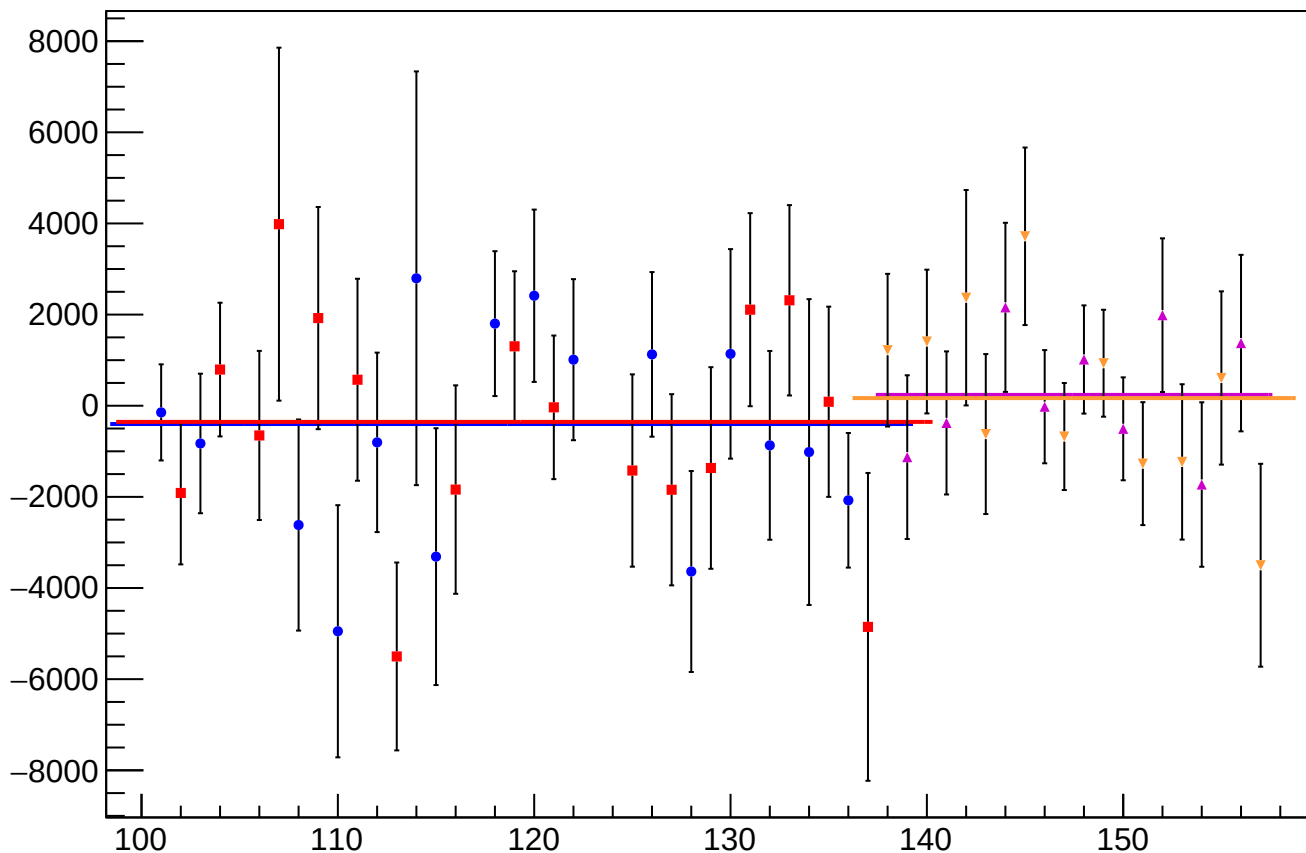
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 796.972+/-0.150 χ^2/NDF : 25086.0/24

Out: 811.910+/-0.149 χ^2/NDF : 658632.2/27

All: 804.495+/-0.106 χ^2/NDF : 688716.9/52

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 237.536 $\pm$ 495.472 χ^2 /NDF:5.3/8

Left: 201.521 $\pm$ 344.562 χ^2 /NDF: 16.3/19

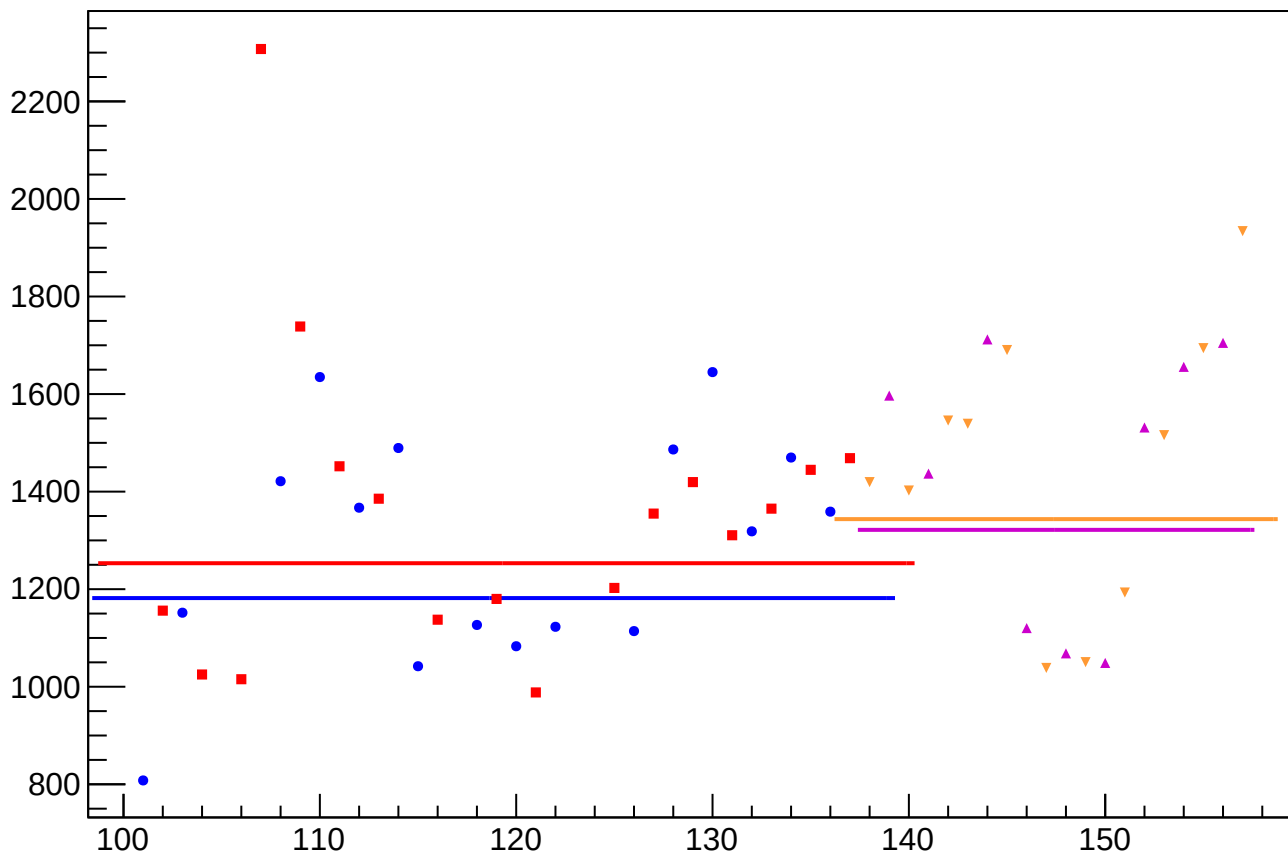
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -99.715 $\pm$ 340.480 χ^2 /NDF:21.0/24

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

All: -94.638 $\pm$ 241.119 χ^2 /NDF: 49.9/52

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1321.625 $\pm$ 0.350 χ^2 /NDF: 584494.8/8

Left: 1332.985 $\pm$ 0.244 χ^2 /NDF: 1210029.4/19

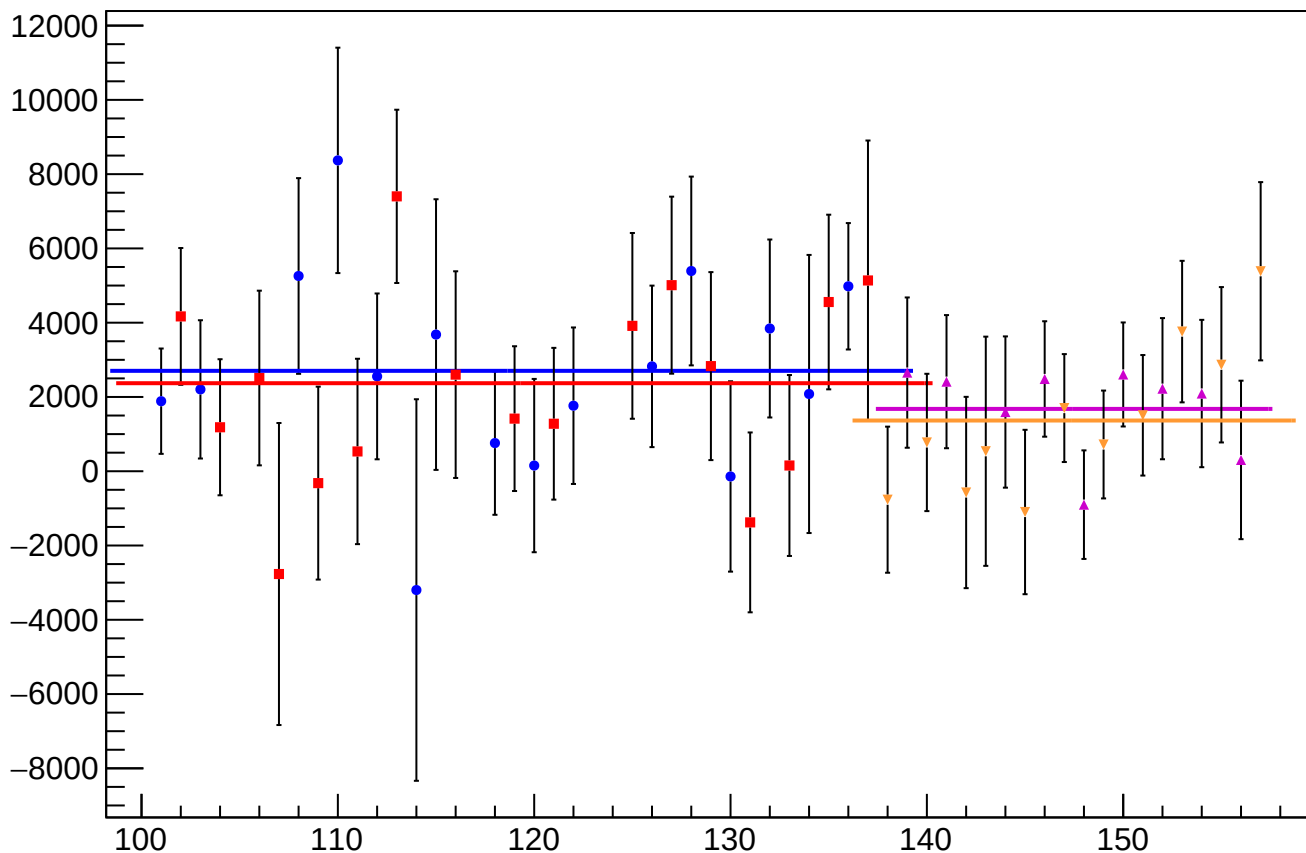
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1247.811 $\pm$ 0.241 χ^2 /NDF: 1212092.4/24

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

All: 1273.368 $\pm$ 0.170 χ^2 /NDF: 2348866.9/52

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1678.660 $\pm$ 583.321 χ^2 /NDF: 4.8/8

Left: 1520.256 $\pm$ 409.787 χ^2 /NDF: 13.2/19

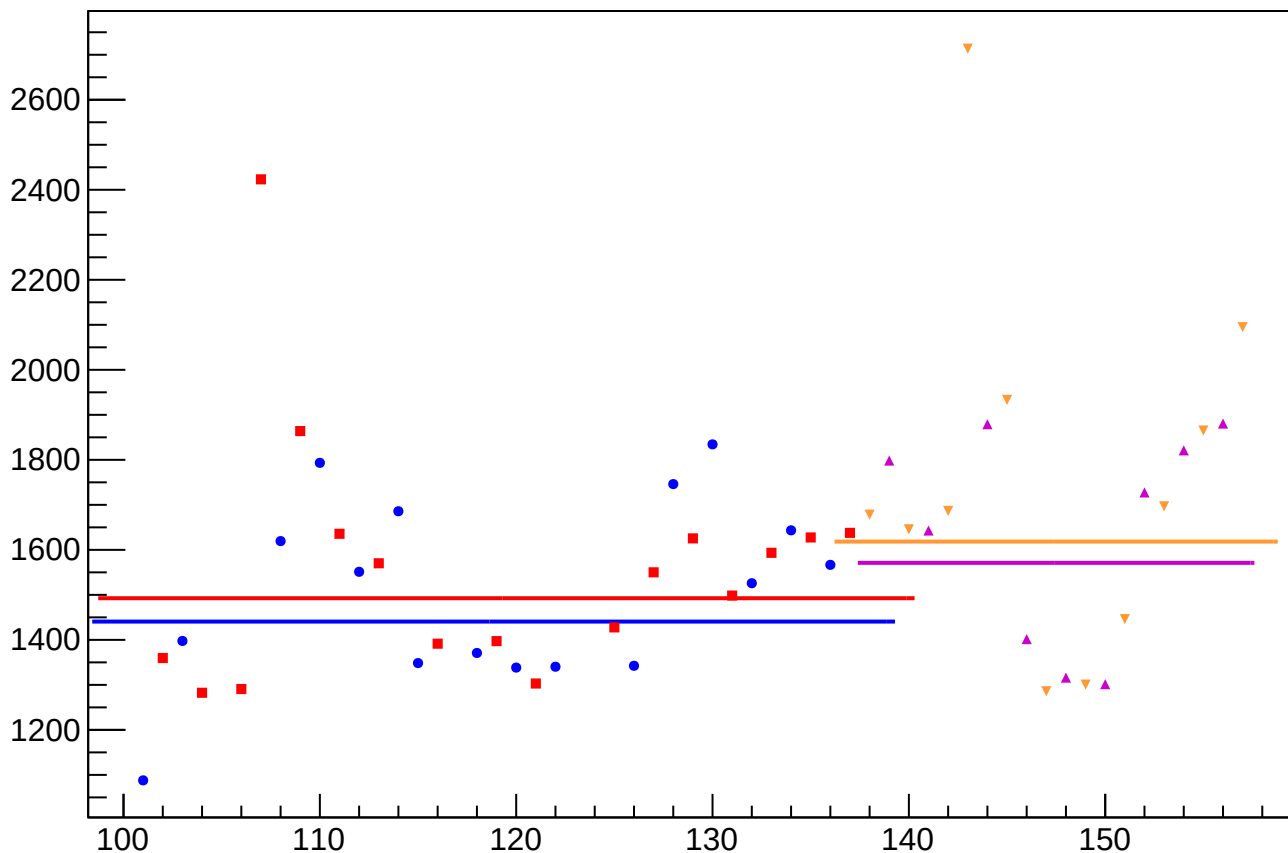
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2207.972 $\pm$ 405.654 χ^2 /NDF: 19.4/24

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

All: 2039.415 $\pm$ 287.080 χ^2 /NDF: 45.6/52

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1571.139 $\pm$ 0.412 χ^2/NDF : 320292.5/8

Left: 1595.071 $\pm$ 0.290 χ^2/NDF : 956082.4/19

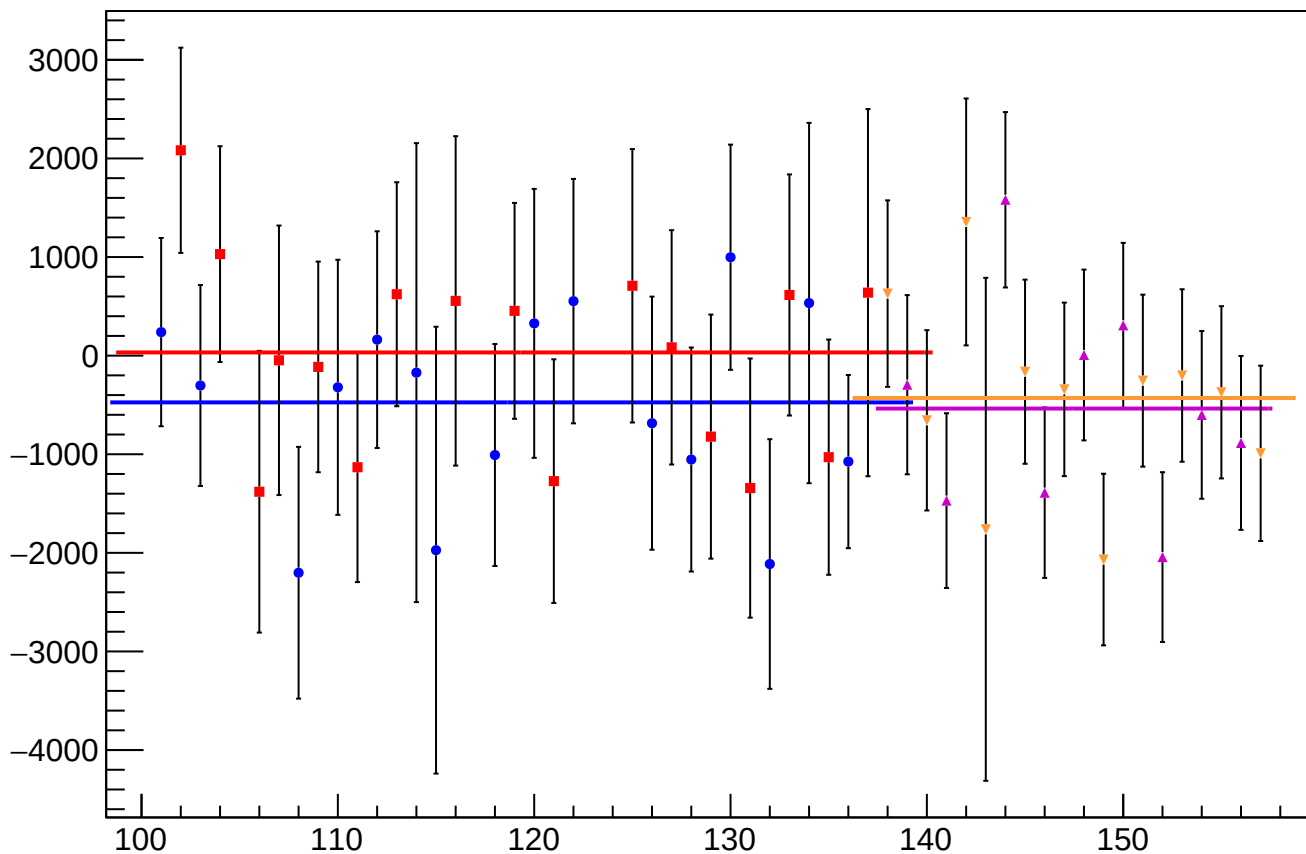
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1503.757 $\pm$ 0.287 χ^2/NDF : 654234.7/24

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

All: 1529.439 $\pm$ 0.203 χ^2/NDF : 1598914.7/52

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 ± 303.914 $\chi^2/\text{NDF}: 8.9/15$

Left Out: -429.714 ± 287.931 $\chi^2/\text{NDF}: 7.8/10$

Right Out: 32.454 ± 299.611 $\chi^2/\text{NDF}: 11.3/16$

Left In: -536.630 ± 290.315 $\chi^2/\text{NDF}: 12.5/8$

Left: -482.731 ± 204.436 $\chi^2/\text{NDF}: 20.3/19$

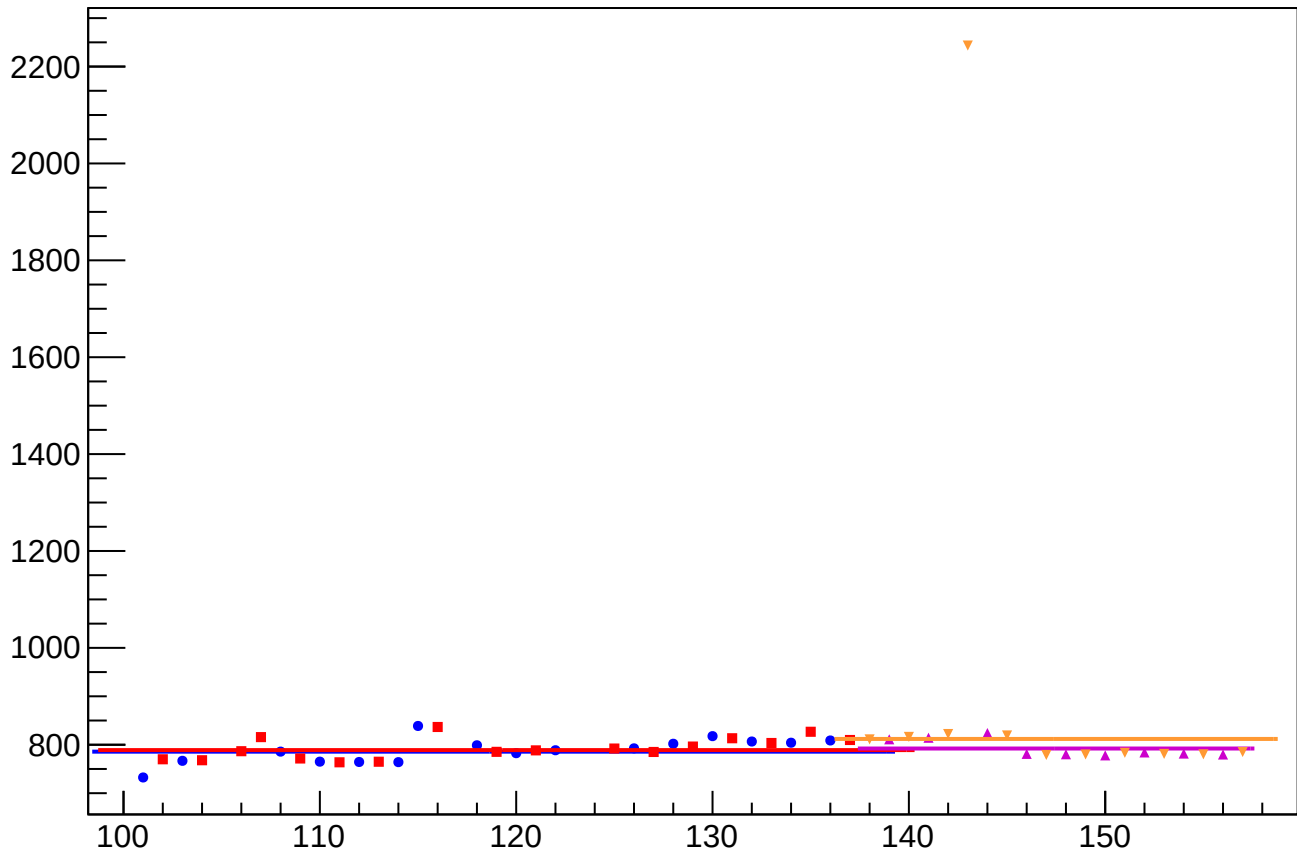
Right: -217.229 ± 213.362 $\chi^2/\text{NDF}: 21.6/32$

In: -506.812 ± 209.927 $\chi^2/\text{NDF}: 21.4/24$

Out: -207.814 ± 207.604 $\chi^2/\text{NDF}: 20.3/27$

All: -355.650 ± 147.613 $\chi^2/\text{NDF}: 42.7/52$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 792.199+/-0.205 χ^2/NDF : 6856.6/8

Left: 802.173+/-0.145 χ^2/NDF : 656438.4/19

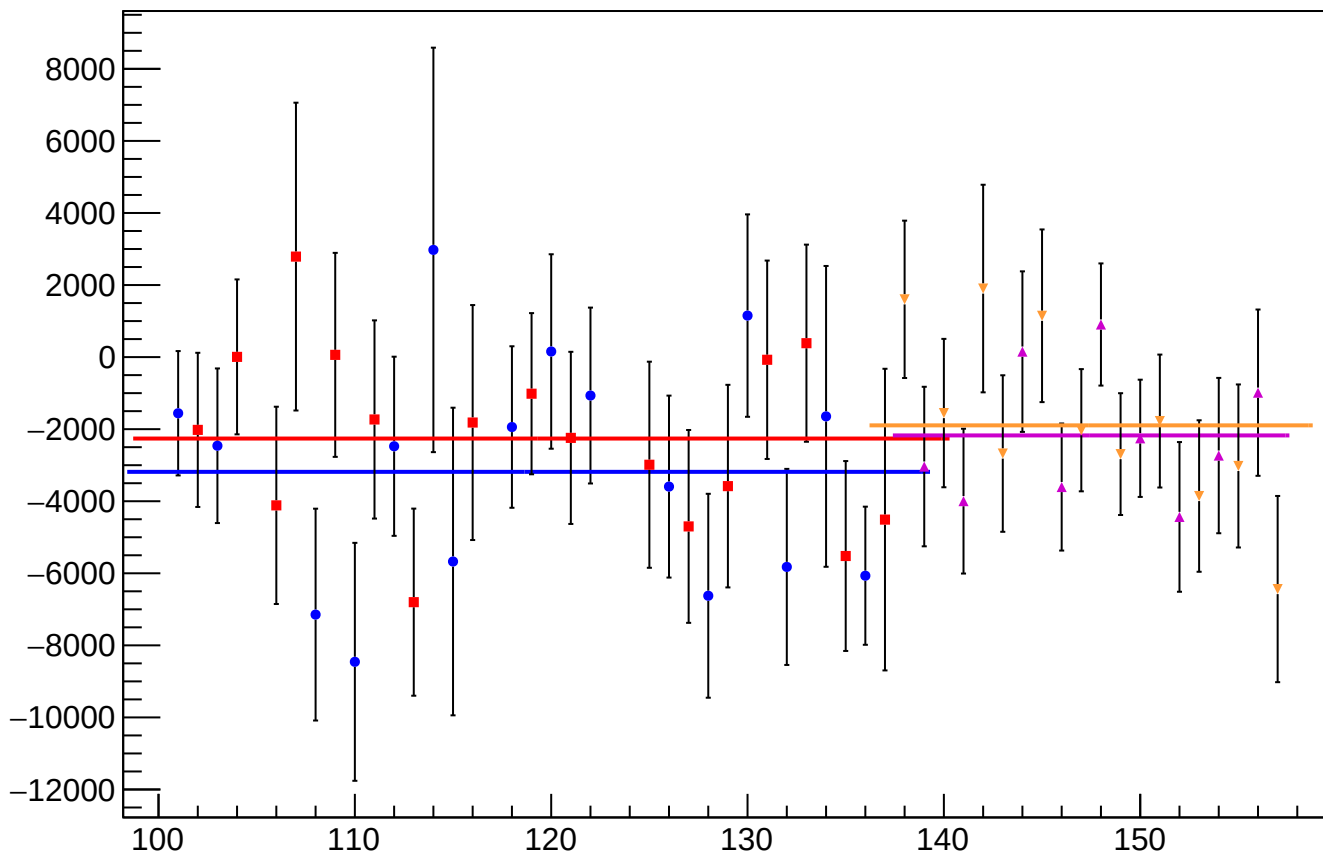
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 789.120+/-0.148 χ^2/NDF : 21249.6/24

Out: 800.920+/-0.147 χ^2/NDF : 660574.7/27

All: 795.086+/-0.104 χ^2/NDF : 685019.3/52

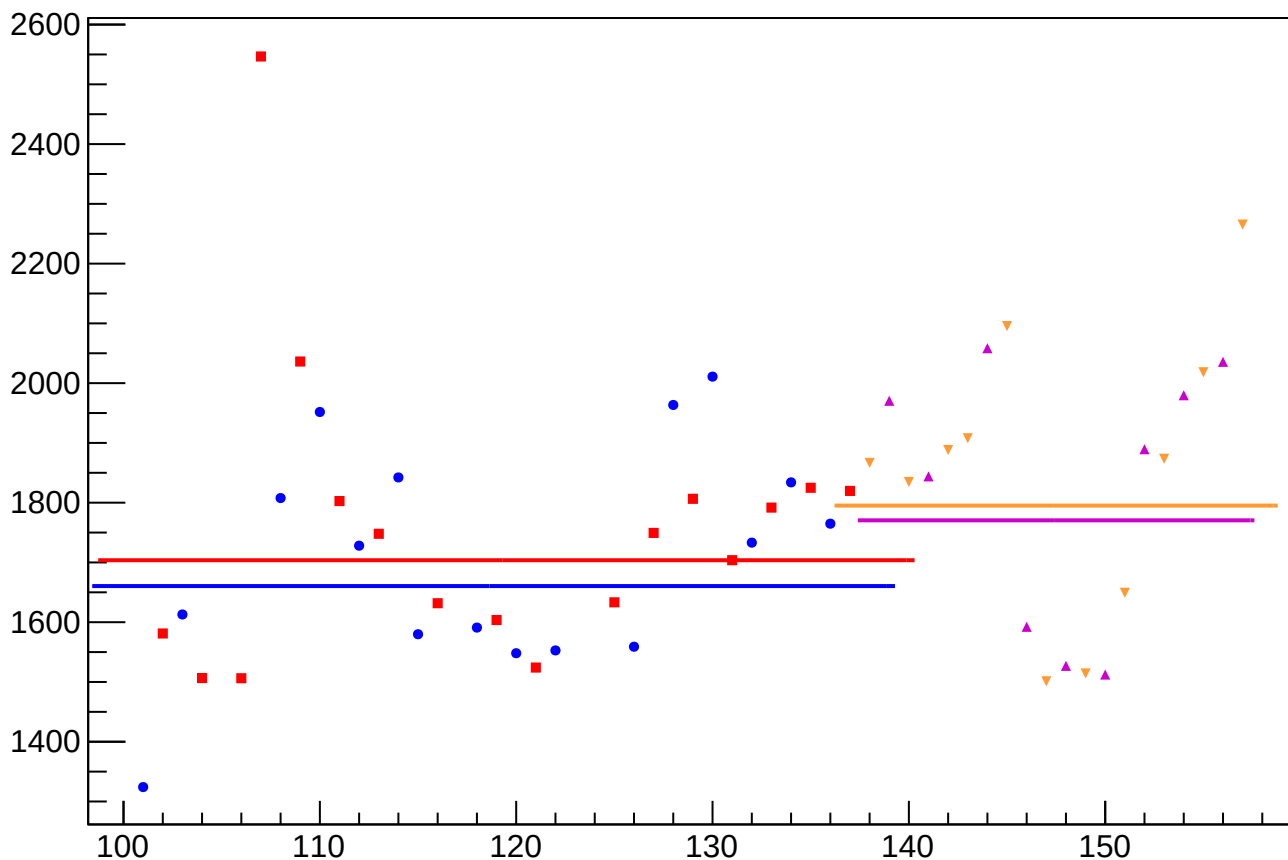
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -1894.269 $\pm$ 630.547 χ^2/NDF :10.5/10
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -2173.615 $\pm$ 654.417 χ^2/NDF :7.5/8

Left: -2028.755 $\pm$ 454.068 χ^2/NDF : 18.1/19
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2684.548 $\pm$ 460.228 χ^2/NDF :25.6/24
 Out: -2071.147 $\pm$ 453.244 χ^2/NDF :22.3/27
 All: -2373.158 $\pm$ 322.933 χ^2/NDF : 48.7/52

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1770.456 $\pm$ 0.463 χ^2 /NDF: 216240.7/8

Left: 1783.256 $\pm$ 0.321 χ^2 /NDF: 475775.1/19

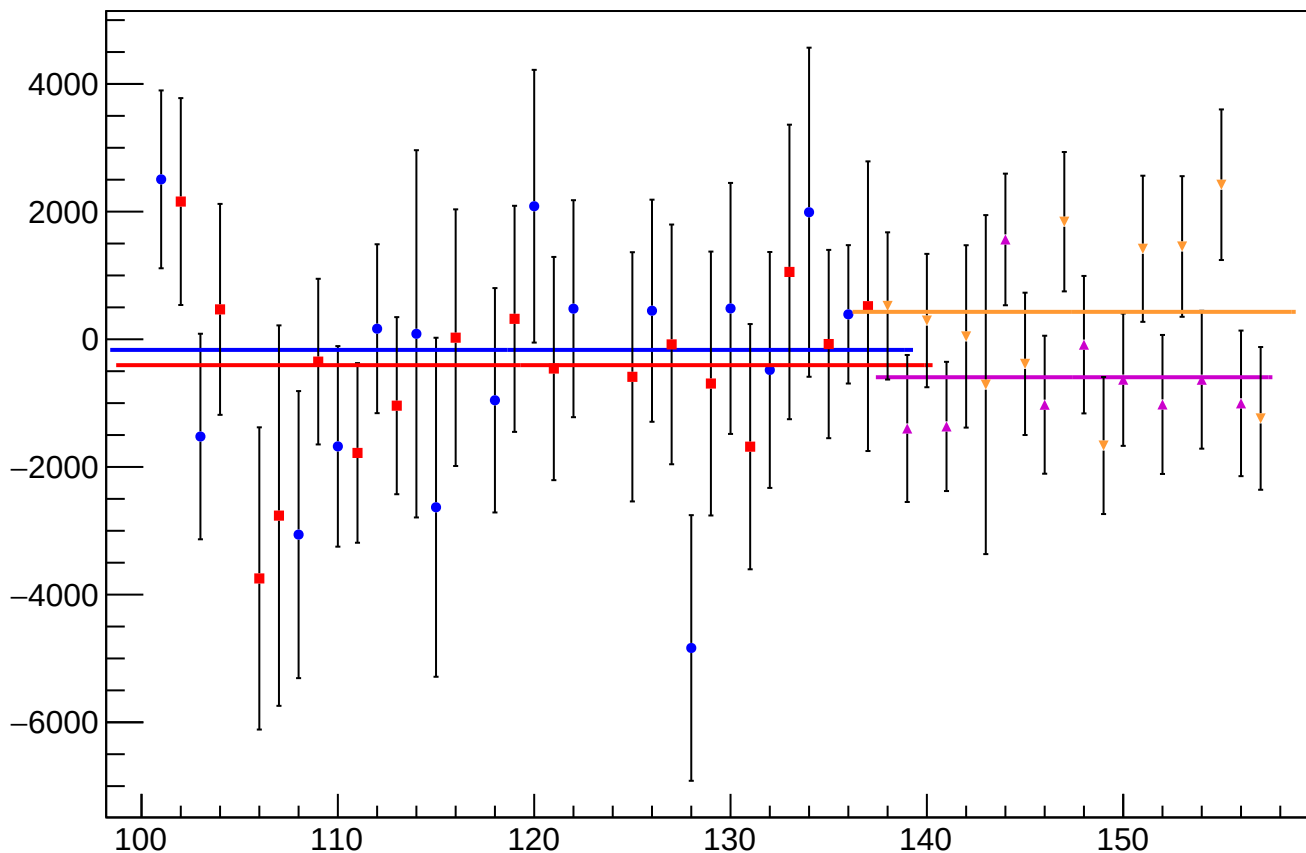
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1714.863 $\pm$ 0.325 χ^2 /NDF: 424004.0/24

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

All: 1733.175 $\pm$ 0.228 χ^2 /NDF: 879662.2/52

asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -594.454+/-358.287 χ^2/NDF : 6.1/8

Left: -78.155+/-252.312 χ^2/NDF : 23.2/19

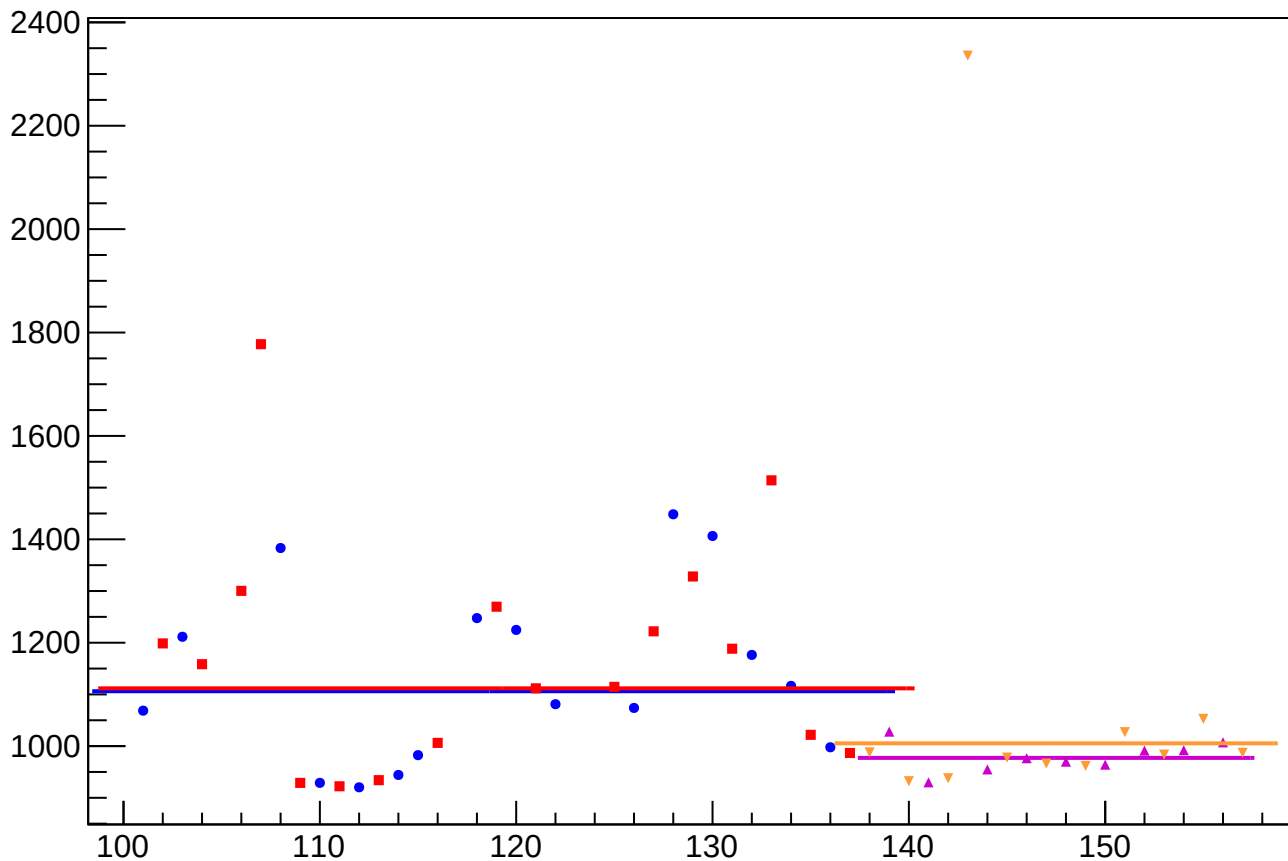
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -420.317+/-275.957 χ^2/NDF : 22.3/24

Out: 89.592+/-273.574 χ^2/NDF : 23.1/27

All: -163.151+/-194.283 χ^2/NDF : 47.2/52

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1005.395 ± 0.251 $\chi^2/\text{NDF}: 529034.6/10$

Right Out: 1111.726 ± 0.303 $\chi^2/\text{NDF}: 356388.5/16$

Left In: 977.226 ± 0.253 $\chi^2/\text{NDF}: 11704.4/8$

Left: 991.426 ± 0.178 $\chi^2/\text{NDF}: 546970.7/19$

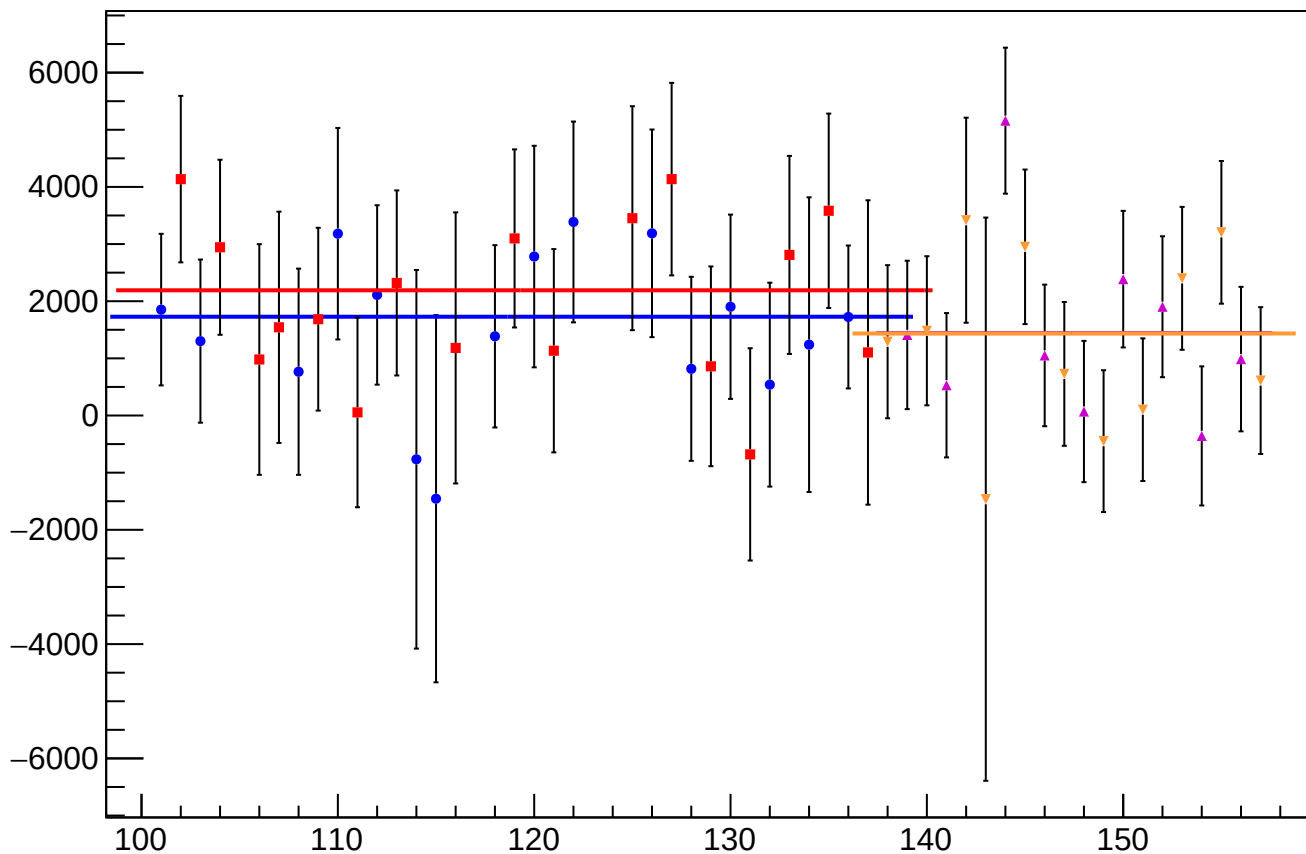
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 1029.672 ± 0.195 $\chi^2/\text{NDF}: 376974.5/24$

Out: 1048.713 ± 0.193 $\chi^2/\text{NDF}: 958364.9/27$

All: 1039.275 ± 0.137 $\chi^2/\text{NDF}: 1340141.5/52$

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1441.702 $\pm$ 415.277 χ^2/NDF : 13.4/8

Left: 1438.578 $\pm$ 292.941 χ^2/NDF : 23.0/19

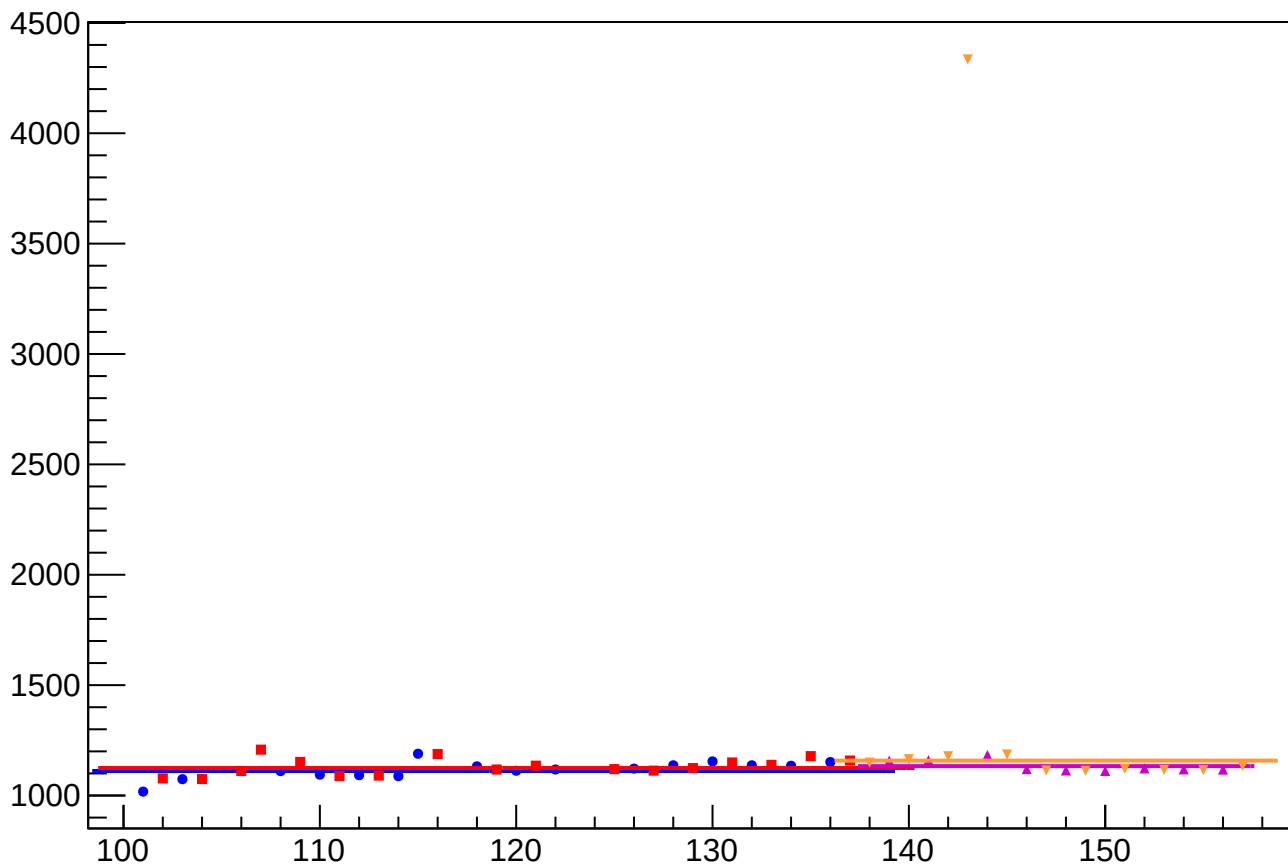
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1580.155 $\pm$ 298.648 χ^2/NDF : 18.9/24

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

All: 1691.027 $\pm$ 210.607 χ^2/NDF : 41.2/52

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1158.078+/-0.292 χ^2/NDF : 844446.2/10

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

Left In: 1133.093+/-0.294 χ^2/NDF : 6961.0/8

Left: 1145.645+/-0.207 χ^2/NDF : 855044.0/19

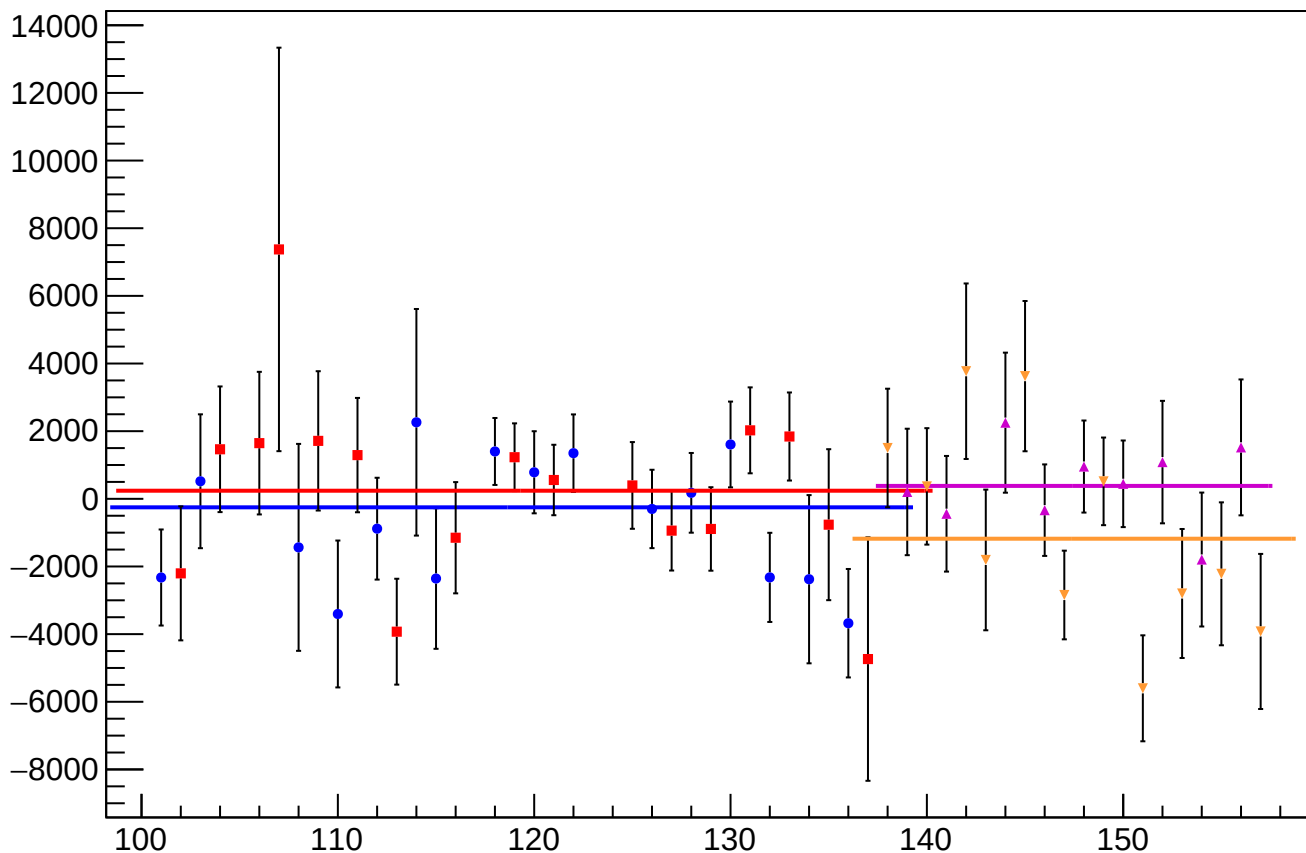
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1122.447+/-0.211 χ^2/NDF : 27774.8/24

Out: 1141.852+/-0.210 χ^2/NDF : 865423.3/27

All: 1132.202+/-0.149 χ^2/NDF : 897442.8/52

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 381.990+/-544.995 χ^2/NDF : 3.2/8

Left: -416.037+/-381.040 χ^2/NDF : 32.6/19

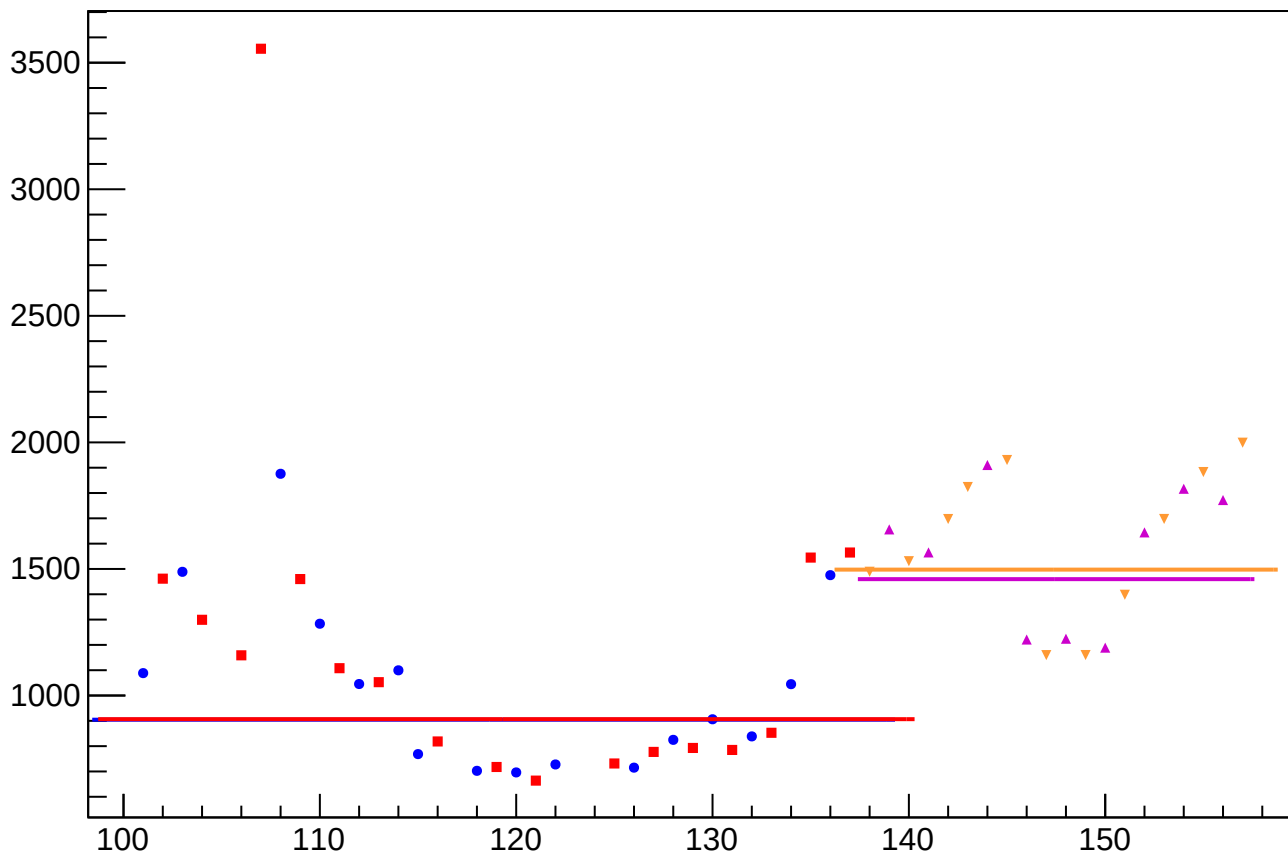
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -55.257+/-303.241 χ^2/NDF : 26.0/24

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

All: -133.967+/-213.446 χ^2/NDF : 77.2/52

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1459.749 $\pm$ 0.385 χ^2 /NDF: 470316.6/8

Left: 1478.994 $\pm$ 0.269 χ^2 /NDF: 1074049.7/19

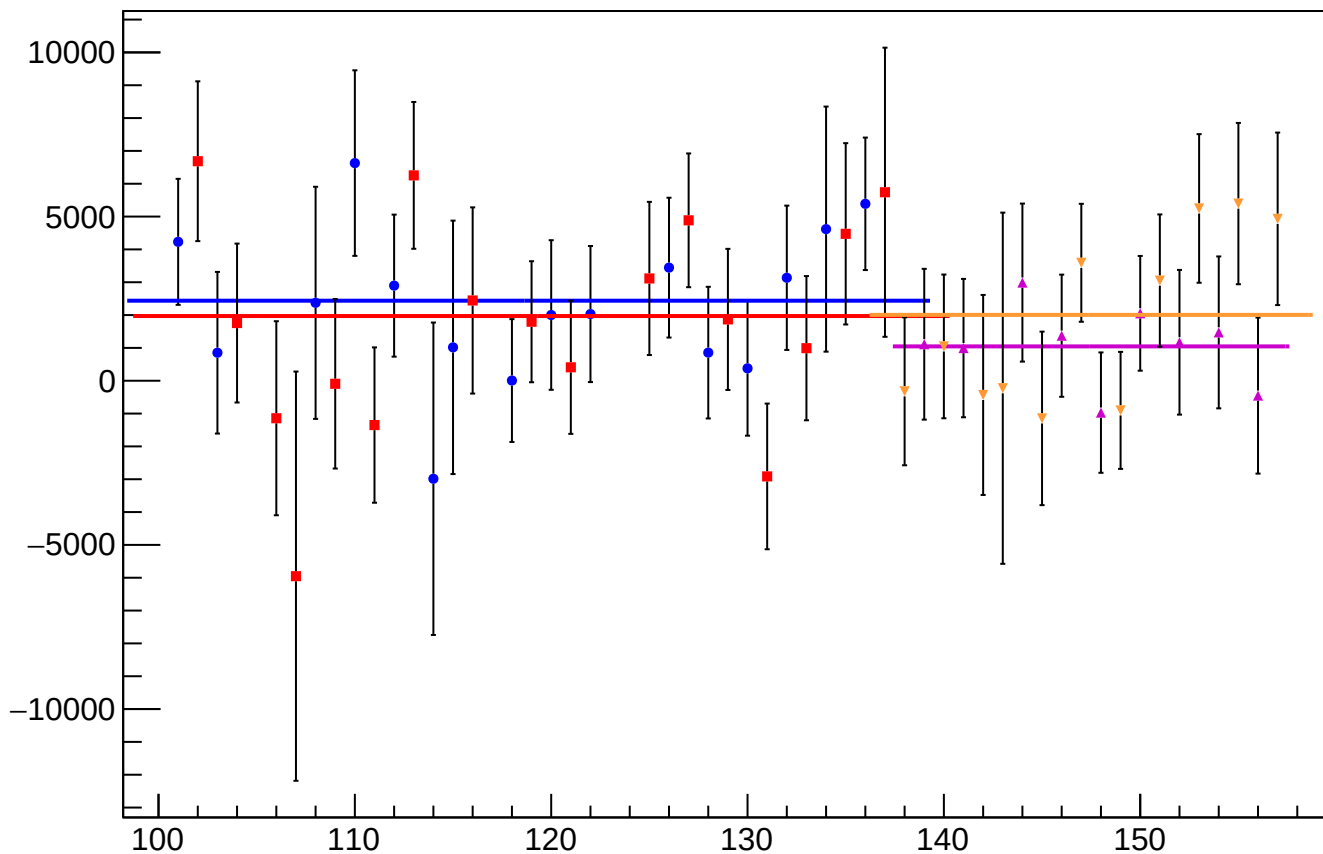
Right: 905.545 $\pm$ 0.182 χ^2 /NDF: 2397204.6/32

In: 1076.393 $\pm$ 0.214 χ^2 /NDF: 2924738.1/24

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

All: 1085.485 $\pm$ 0.151 χ^2 /NDF: 6579666.4/52

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2005.543 $\pm$ 695.254 χ^2/NDF : 12.4/10

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

Left In: 1045.997 $\pm$ 694.809 χ^2/NDF : 2.7/8

Left: 1525.463 $\pm$ 491.461 χ^2/NDF : 16.0/19

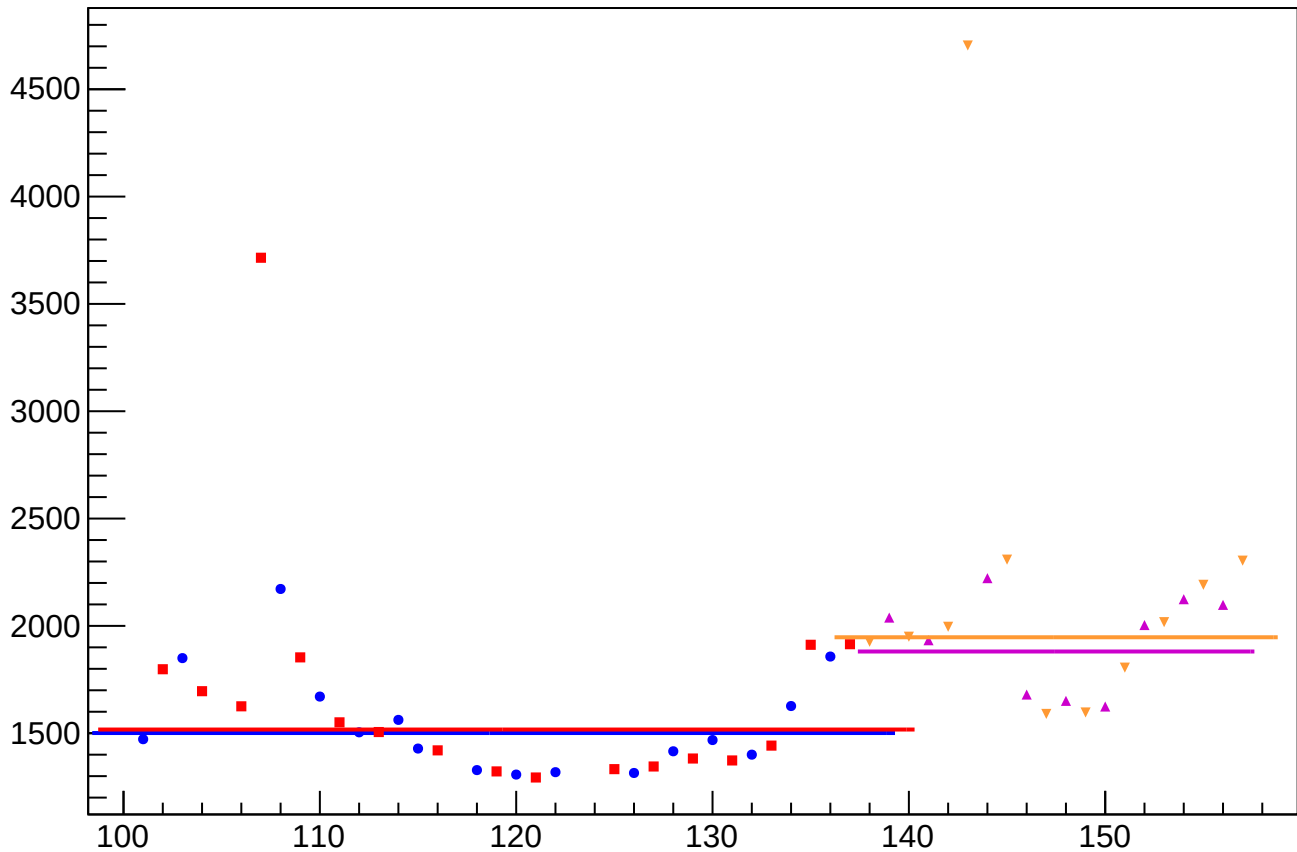
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

In: 1858.853 $\pm$ 448.056 χ^2/NDF : 16.2/24

Out: 1985.042 $\pm$ 448.368 χ^2/NDF : 34.7/27

All: 1921.904 $\pm$ 316.934 χ^2/NDF : 50.9/52

asym_usl_rms vs Slug, Sign Corrected



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

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

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

Left In: 1880.642 +/- 0.491 χ^2/NDF : 193927.5/8

Left: 1913.784 +/- 0.348 χ^2/NDF : 997545.4/19

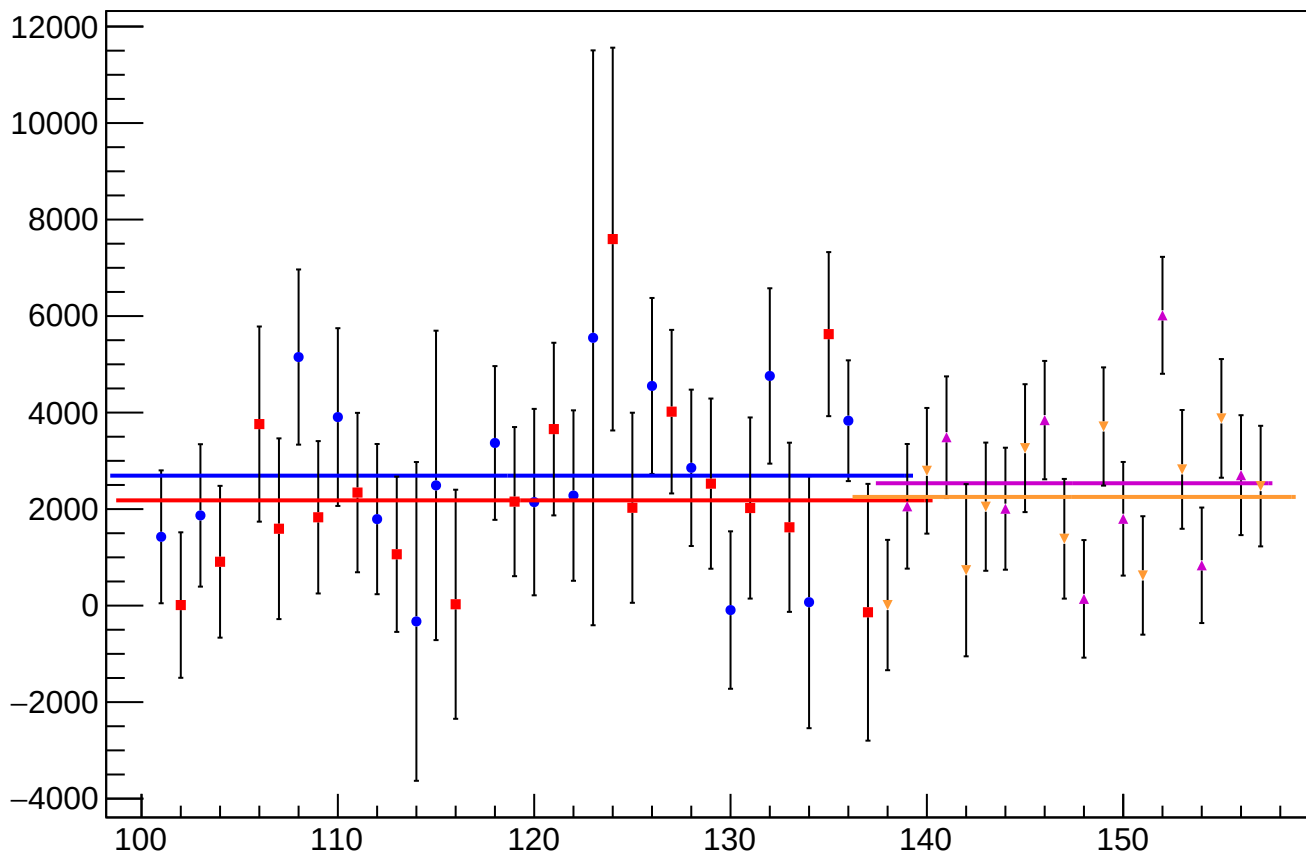
Right: 1508.969 +/- 0.293 χ^2/NDF : 732045.6/32

In: 1658.773 +/- 0.317 χ^2/NDF : 799266.5/24

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

All: 1677.319 +/- 0.224 χ^2/NDF : 2522226.2/52

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2535.711 $\pm$ 410.256 χ^2/NDF : 16.6/8

Left: 2387.213 $\pm$ 283.165 χ^2/NDF : 26.7/19

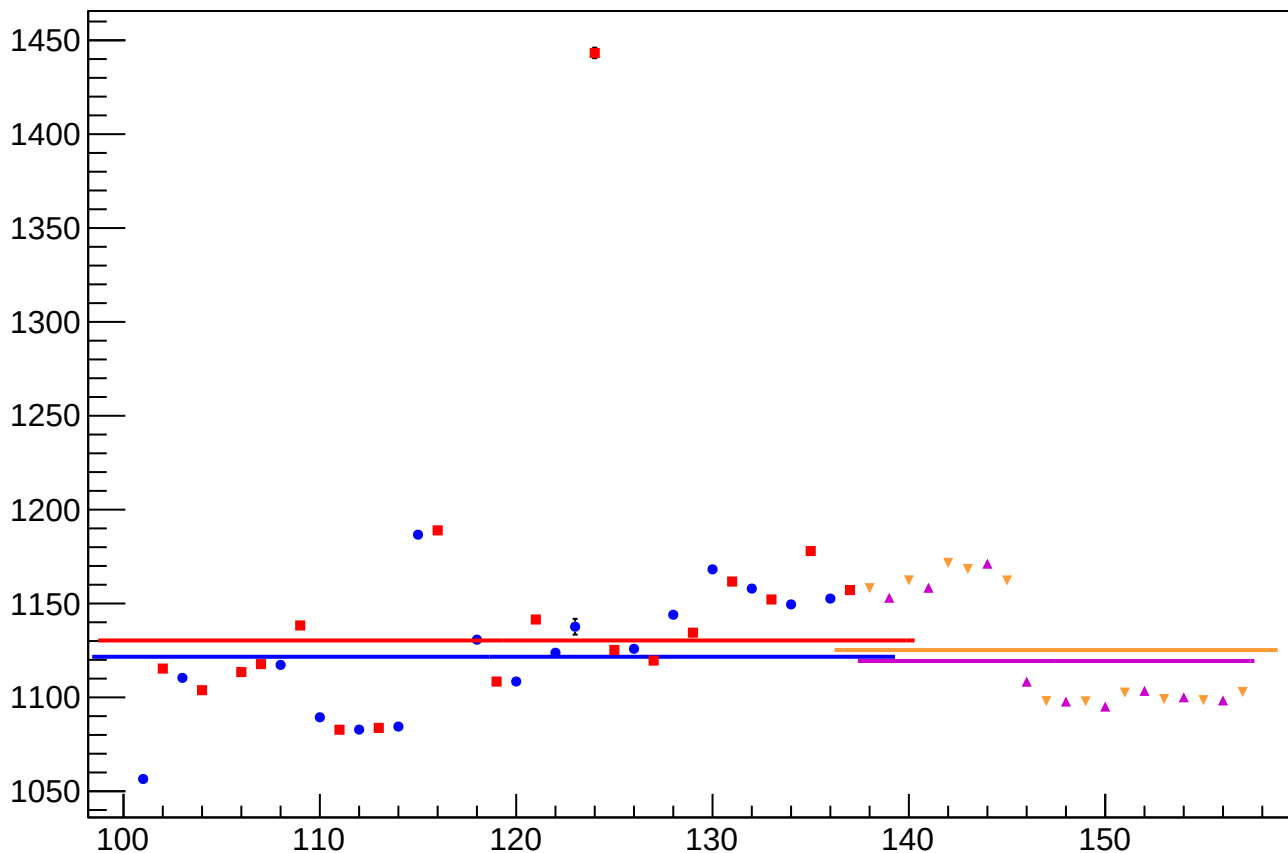
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

In: 2610.185 $\pm$ 297.686 χ^2/NDF : 28.9/25

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

All: 2408.400 $\pm$ 206.993 χ^2/NDF : 53.2/54

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1125.206 $\pm$ 0.277 χ^2 /NDF:12962.1/10

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

Left In: 1119.369 $\pm$ 0.290 χ^2 /NDF:9719.7/8

Left: 1122.425 $\pm$ 0.200 χ^2 /NDF: 22893.8/19

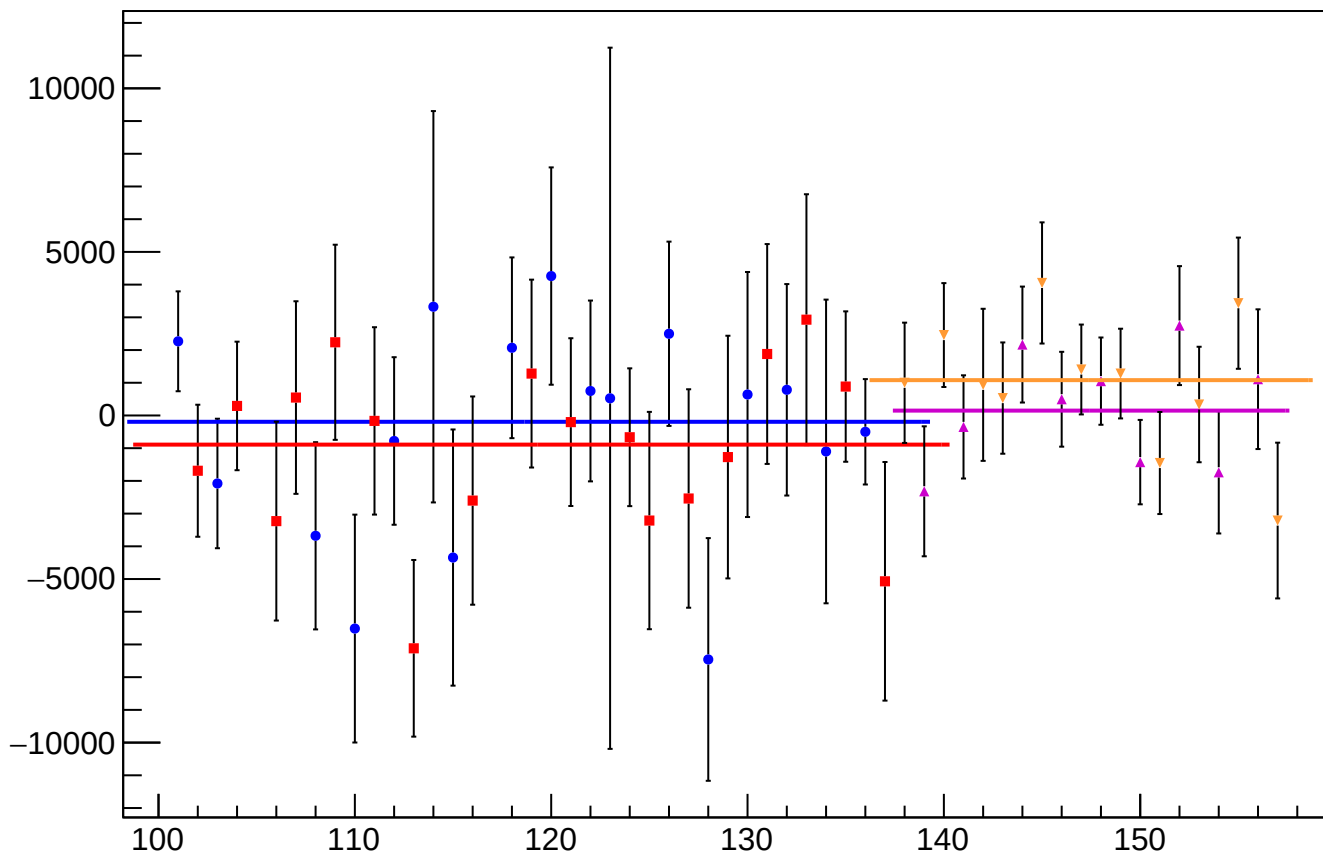
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1120.438 $\pm$ 0.210 χ^2 /NDF:21728.7/25

Out: 1127.548 $\pm$ 0.204 χ^2 /NDF:34394.5/28

All: 1124.110 $\pm$ 0.146 χ^2 /NDF: 56712.5/54

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1079.923 $\pm$ 517.544 χ^2 /NDF: 11.0/10

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

Left In: 148.666 $\pm$ 540.722 χ^2 /NDF: 8.2/8

Left: 634.681 $\pm$ 373.884 χ^2 /NDF: 20.7/19

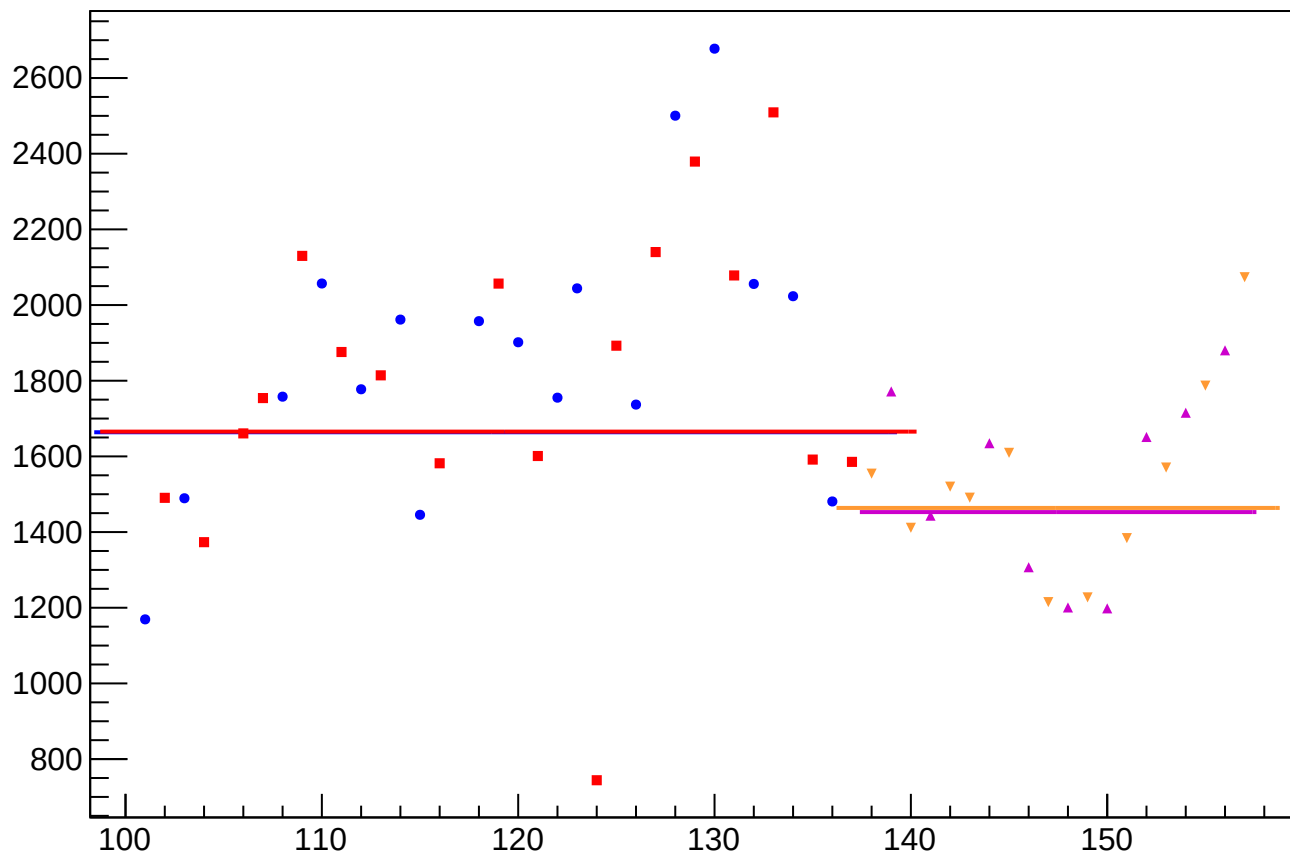
Right: -548.030 $\pm$ 463.023 χ^2 /NDF: 31.0/34

In: 11.398 $\pm$ 418.363 χ^2 /NDF: 25.7/25

Out: 314.338 $\pm$ 404.735 χ^2 /NDF: 29.7/28

All: 167.882 $\pm$ 290.889 χ^2 /NDF: 55.7/54

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1452.815 $\pm$ 0.382 χ^2 /NDF: 385566.7/8

Left: 1458.547 $\pm$ 0.264 χ^2 /NDF: 727927.0/19

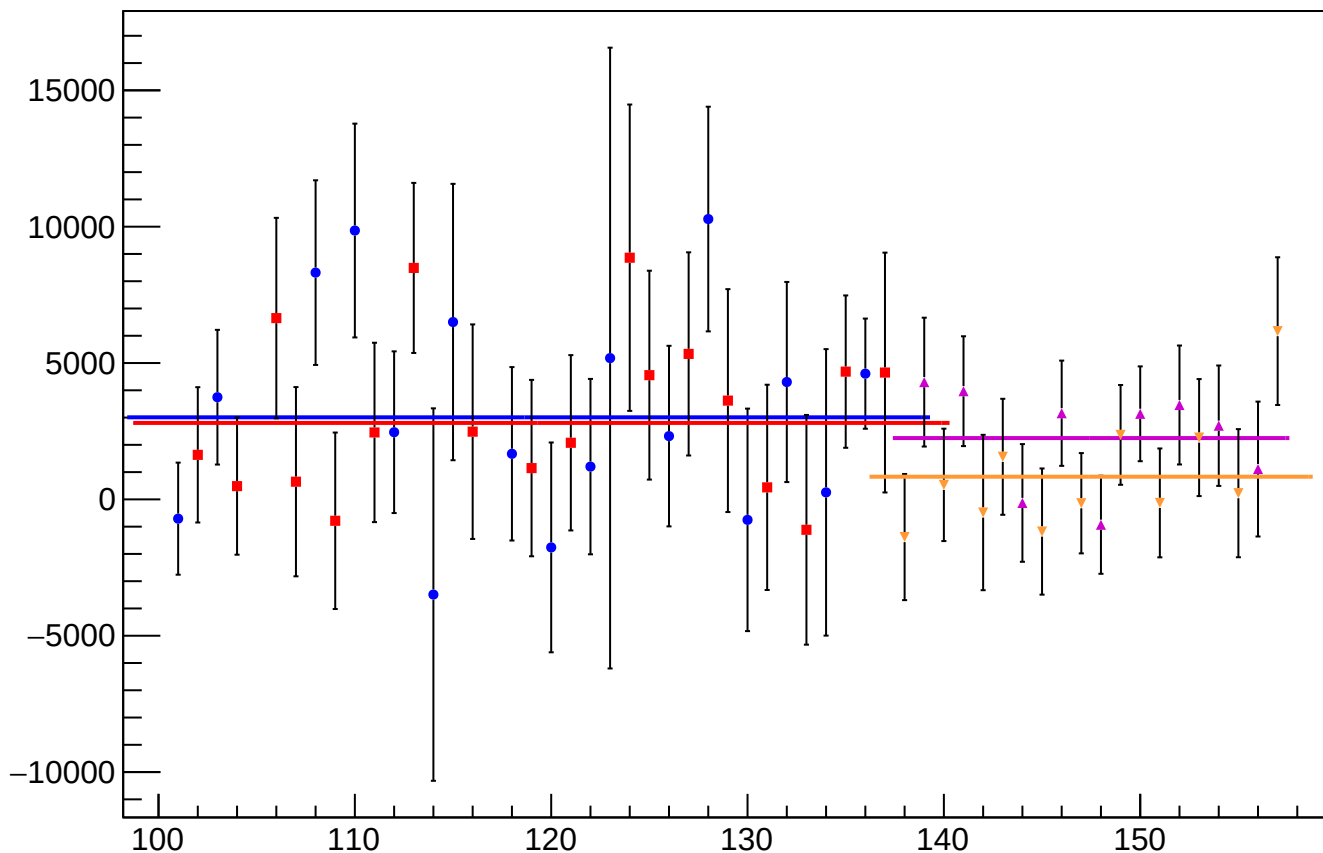
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1537.490 $\pm$ 0.296 χ^2 /NDF: 1130236.9/25

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

All: 1539.888 $\pm$ 0.206 χ^2 /NDF: 2393041.8/54

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 830.906 $\pm$ 654.604 χ^2 /NDF: 7.6/10

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

Left In: 2248.213 $\pm$ 685.563 χ^2 /NDF: 6.9/8

Left: 1506.836 $\pm$ 473.441 χ^2 /NDF: 16.7/19

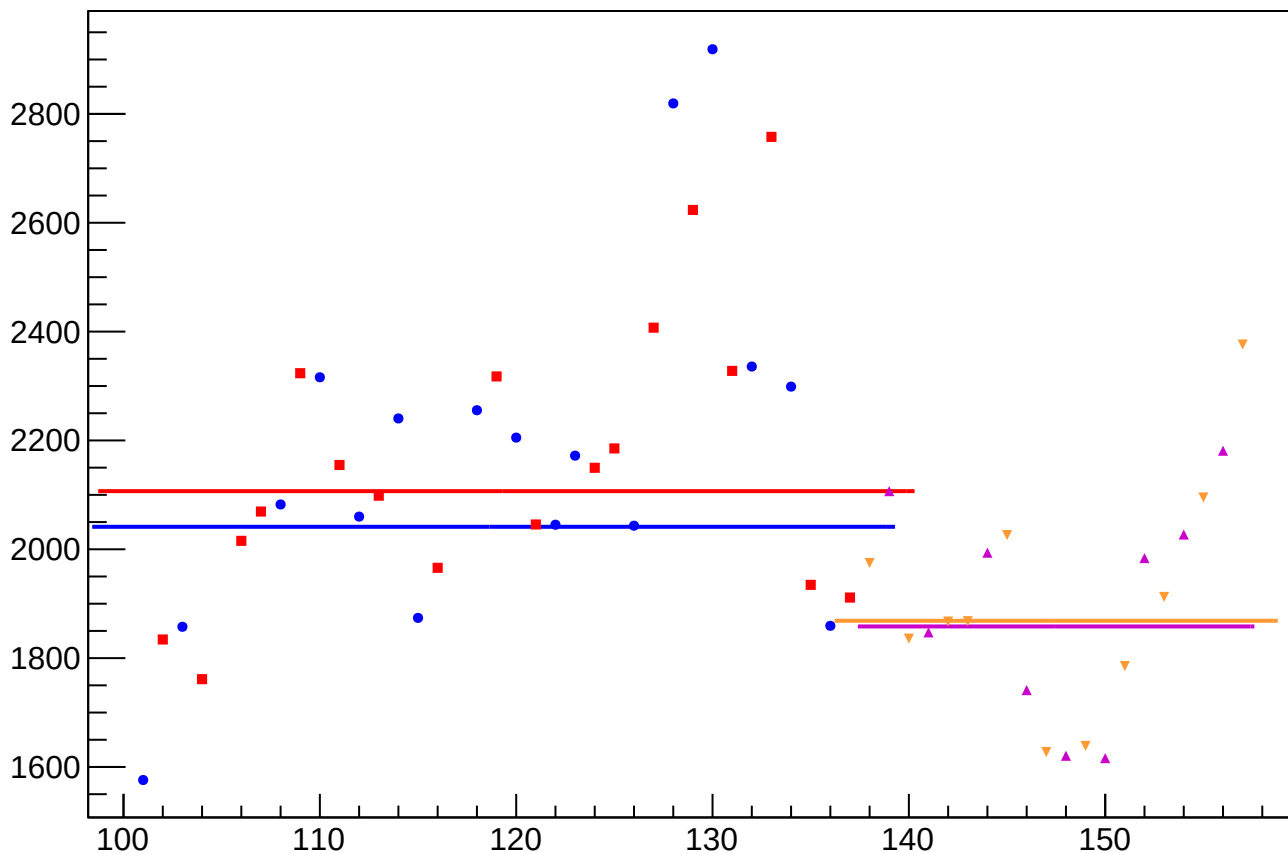
Right: 2906.573 $\pm$ 565.416 χ^2 /NDF: 28.6/34

In: 2570.591 $\pm$ 520.470 χ^2 /NDF: 24.8/25

Out: 1622.656 $\pm$ 506.513 χ^2 /NDF: 22.5/28

All: 2083.744 $\pm$ 362.993 χ^2 /NDF: 49.0/54

asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1858.214+/-0.485 χ^2/NDF :163513.3/8

Left: 1863.661+/-0.335 χ^2/NDF : 336900.2/19

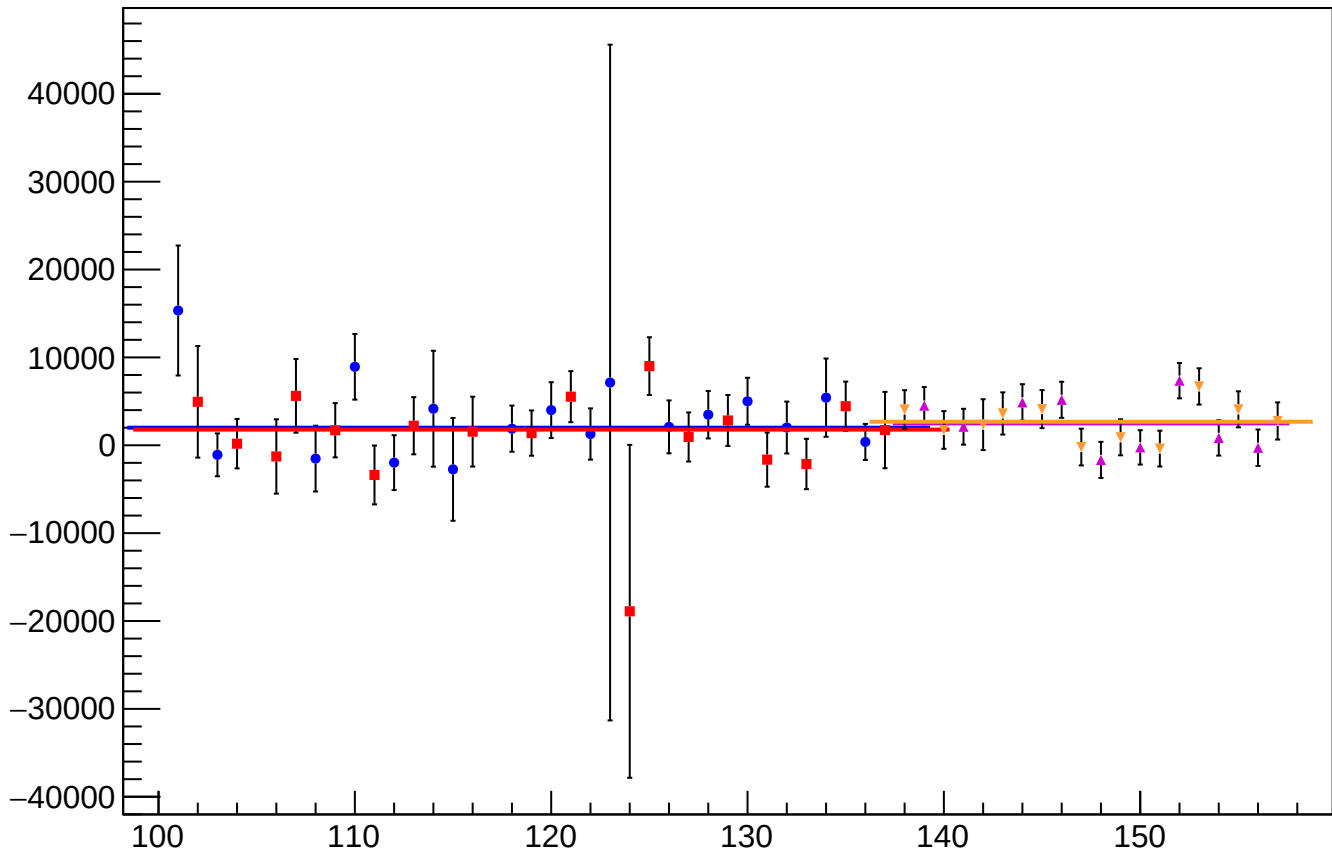
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1935.796+/-0.368 χ^2/NDF :562410.4/25

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

All: 1950.394+/-0.257 χ^2/NDF : 1041623.3/54

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 2679.185 $\pm$ 654.372 χ^2 /NDF:10.4/10

Right Out: 1781.823 $\pm$ 781.836 χ^2 /NDF: 16.3/17

Left In: 2492.451 $\pm$ 680.769 χ^2 /NDF:18.3/8

Left: 2589.509 $\pm$ 471.767 χ^2 /NDF: 28.7/19

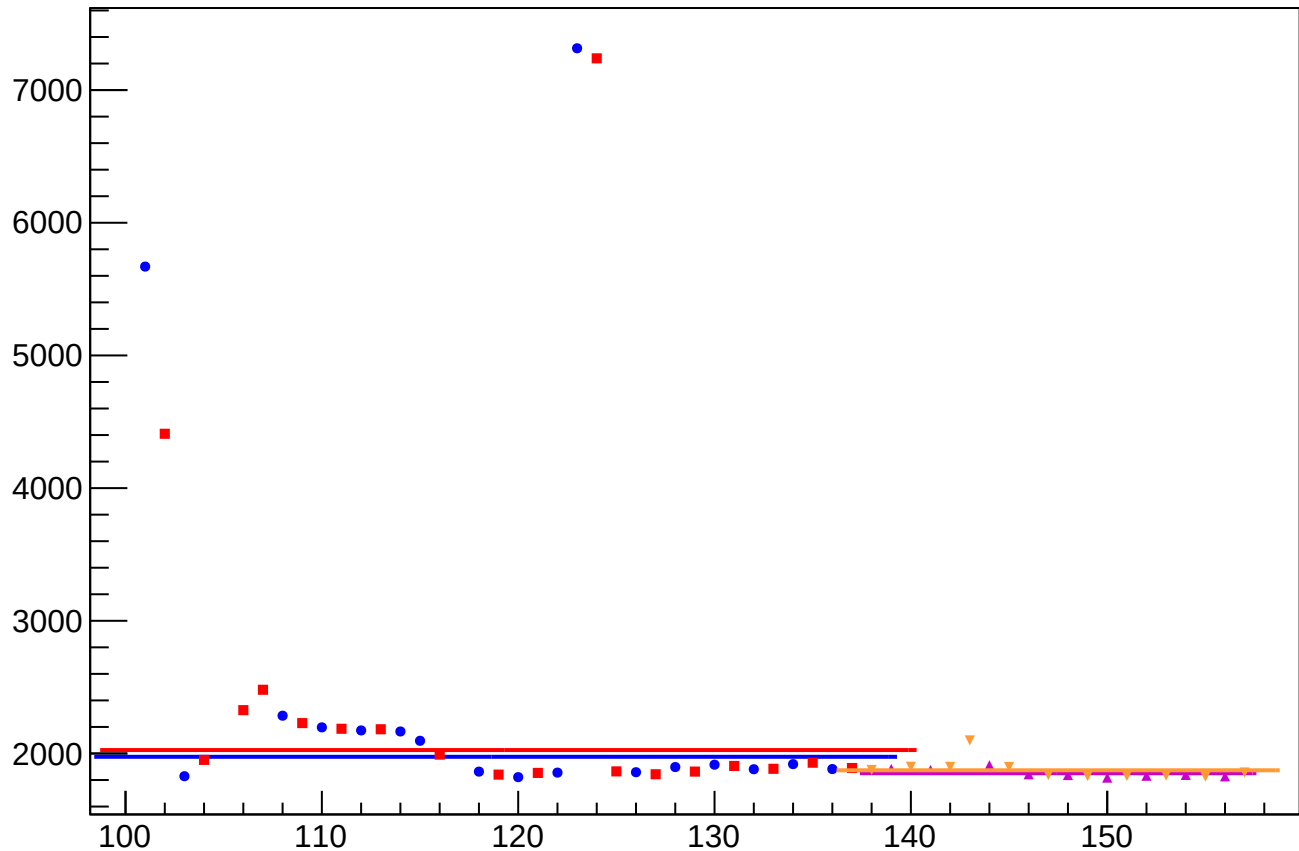
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2279.980 $\pm$ 513.352 χ^2 /NDF:33.4/25

Out: 2309.523 $\pm$ 501.804 χ^2 /NDF:27.4/28

All: 2295.087 $\pm$ 358.842 χ^2 /NDF: 60.8/54

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1851.309+/-0.481 χ^2/NDF : 3683.0/8

Left: 1862.791+/-0.334 χ^2/NDF : 27433.3/19

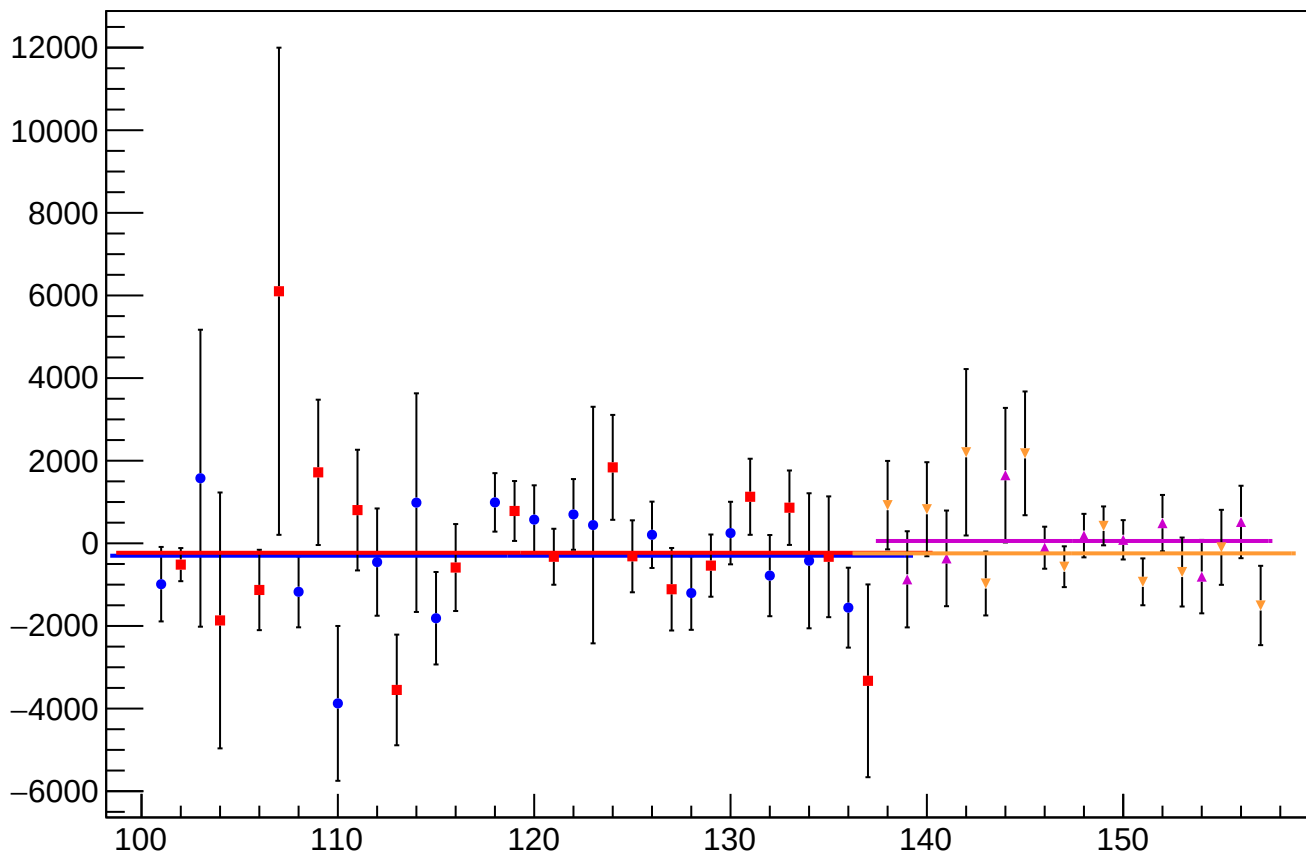
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1904.712+/-0.363 χ^2/NDF : 632045.9/25

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

All: 1920.819+/-0.254 χ^2/NDF : 1238665.8/54

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -242.879 $\pm$ 226.697 χ^2 /NDF:13.0/10

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

Left In: 56.906 $\pm$ 232.788 χ^2 /NDF:3.5/8

Left: -96.960 $\pm$ 162.410 χ^2 /NDF: 17.4/19

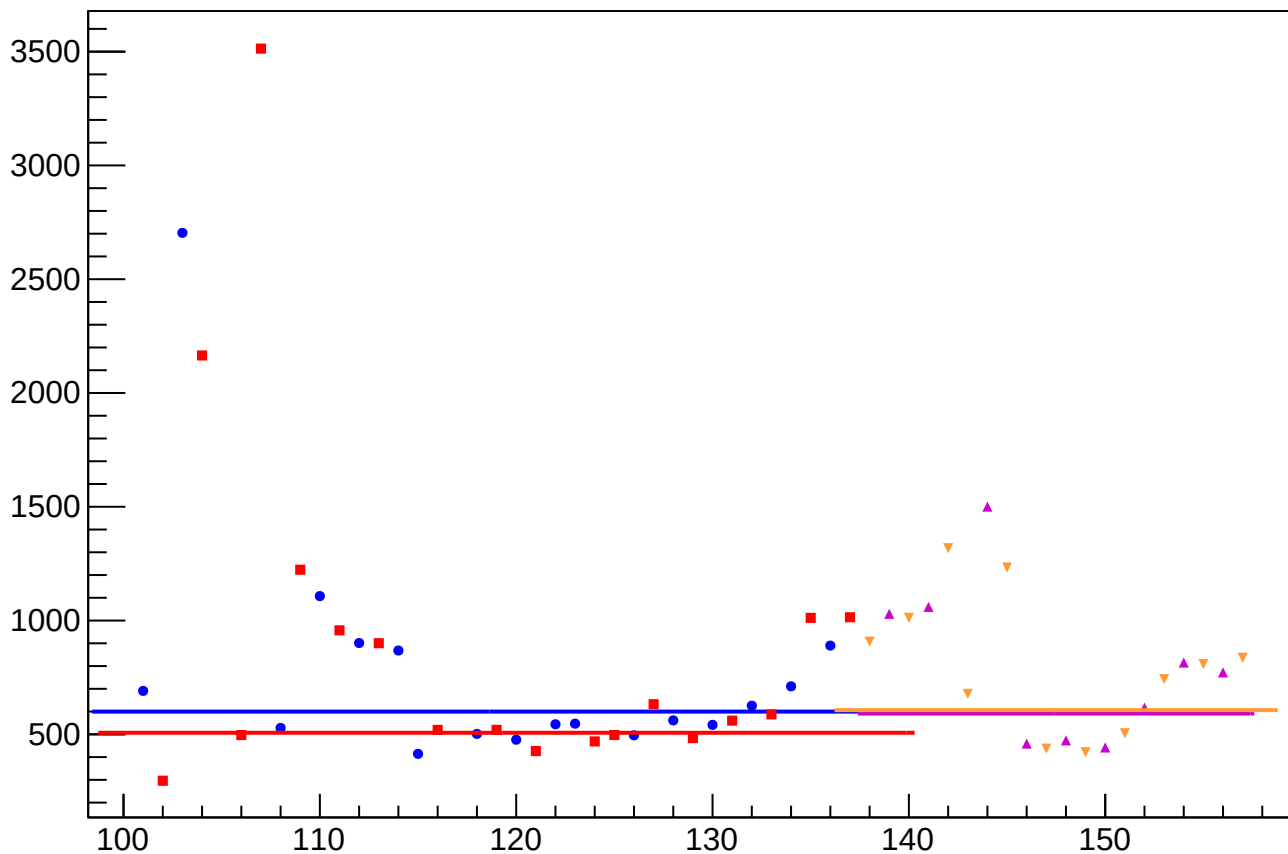
Right: -259.640 $\pm$ 162.327 χ^2 /NDF: 39.2/34

In: -111.257 $\pm$ 169.283 χ^2 /NDF:22.0/25

Out: -235.484 $\pm$ 156.237 χ^2 /NDF:34.8/28

All: -178.341 $\pm$ 114.812 χ^2 /NDF: 57.0/54

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 591.297+/-0.165 χ^2/NDF :1880976.6/8

Left: 598.982+/-0.115 χ^2/NDF : 3788368.0/19

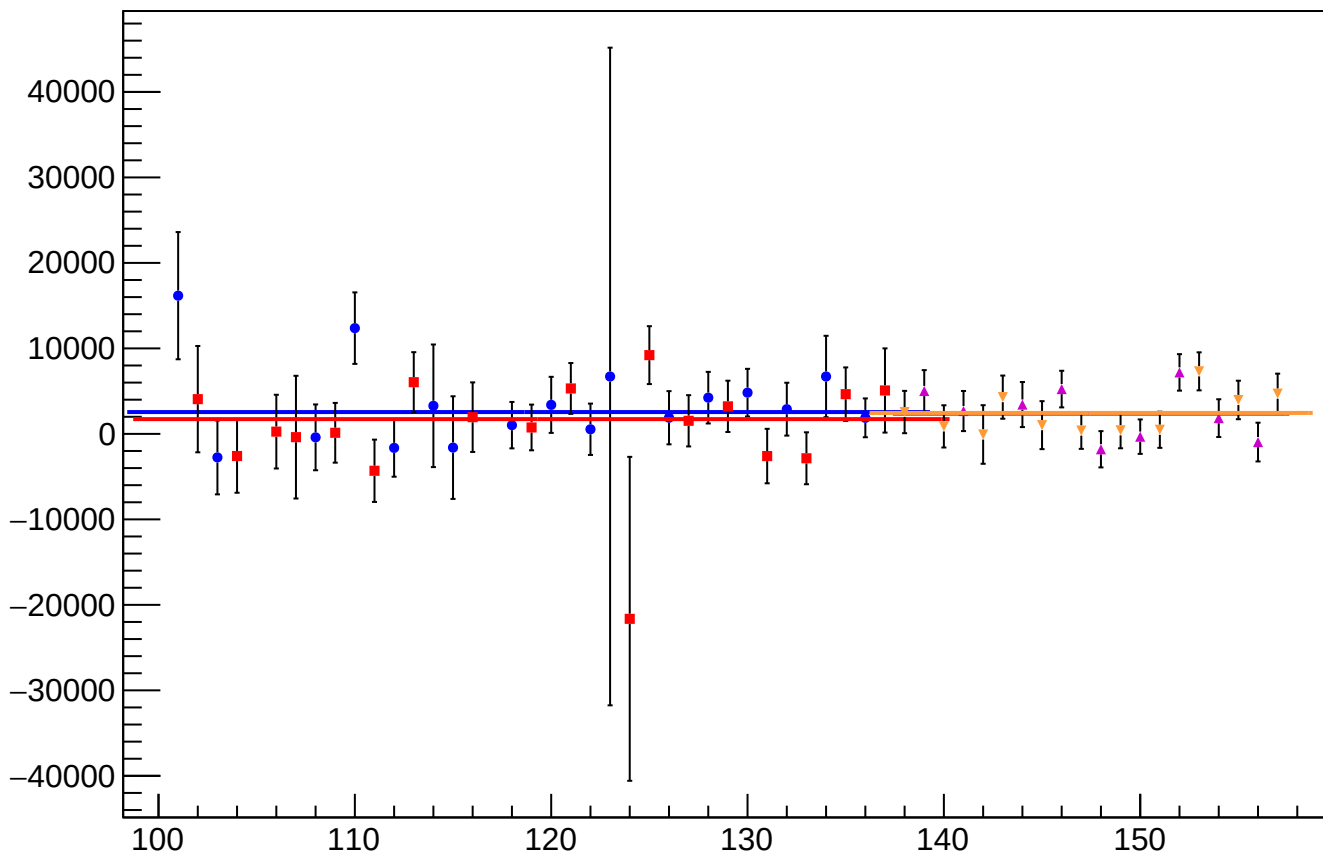
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 595.376+/-0.120 χ^2/NDF :3263329.0/25

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

All: 573.079+/-0.081 χ^2/NDF : 8193441.4/54

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2363.475 $\pm$ 745.563 χ^2 /NDF:16.1/8

Left: 2409.158 $\pm$ 516.806 χ^2 /NDF: 26.8/19

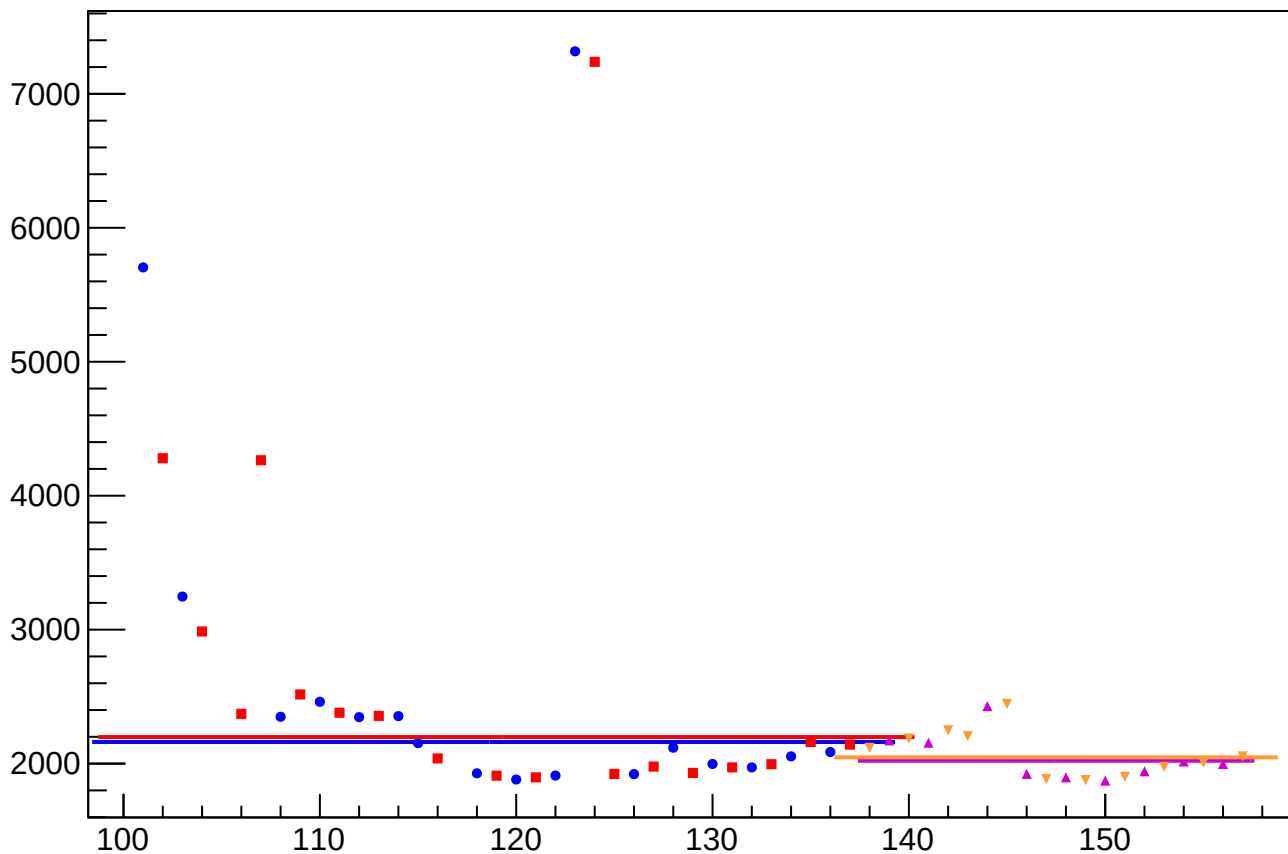
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2445.172 $\pm$ 563.032 χ^2 /NDF:31.9/25

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

All: 2295.209 $\pm$ 393.231 χ^2 /NDF: 62.6/54

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2046.964+/-0.507 χ^2/NDF : 100036.5/10

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2021.500+/-0.527 χ^2/NDF : 87031.9/8

Left: 2034.729+/-0.365 χ^2/NDF : 188280.4/19

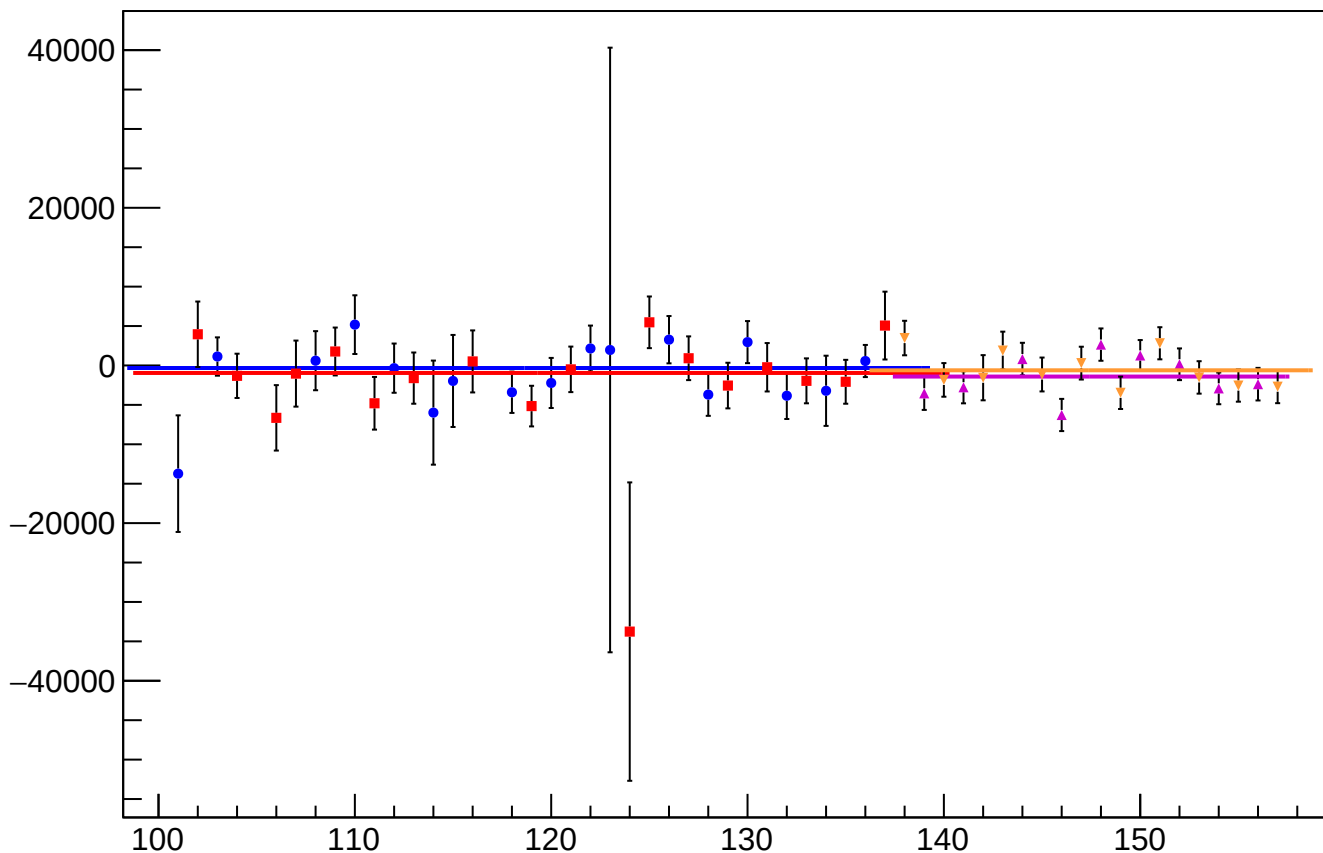
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2081.624+/-0.398 χ^2/NDF : 828553.4/25

Out: 2109.390+/-0.389 χ^2/NDF : 870634.1/28

All: 2095.846+/-0.278 χ^2/NDF : 1701678.8/54

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1408.825+/-678.775 χ^2/NDF :15.5/8

Left: -995.913+/-470.168 χ^2/NDF : 28.3/19

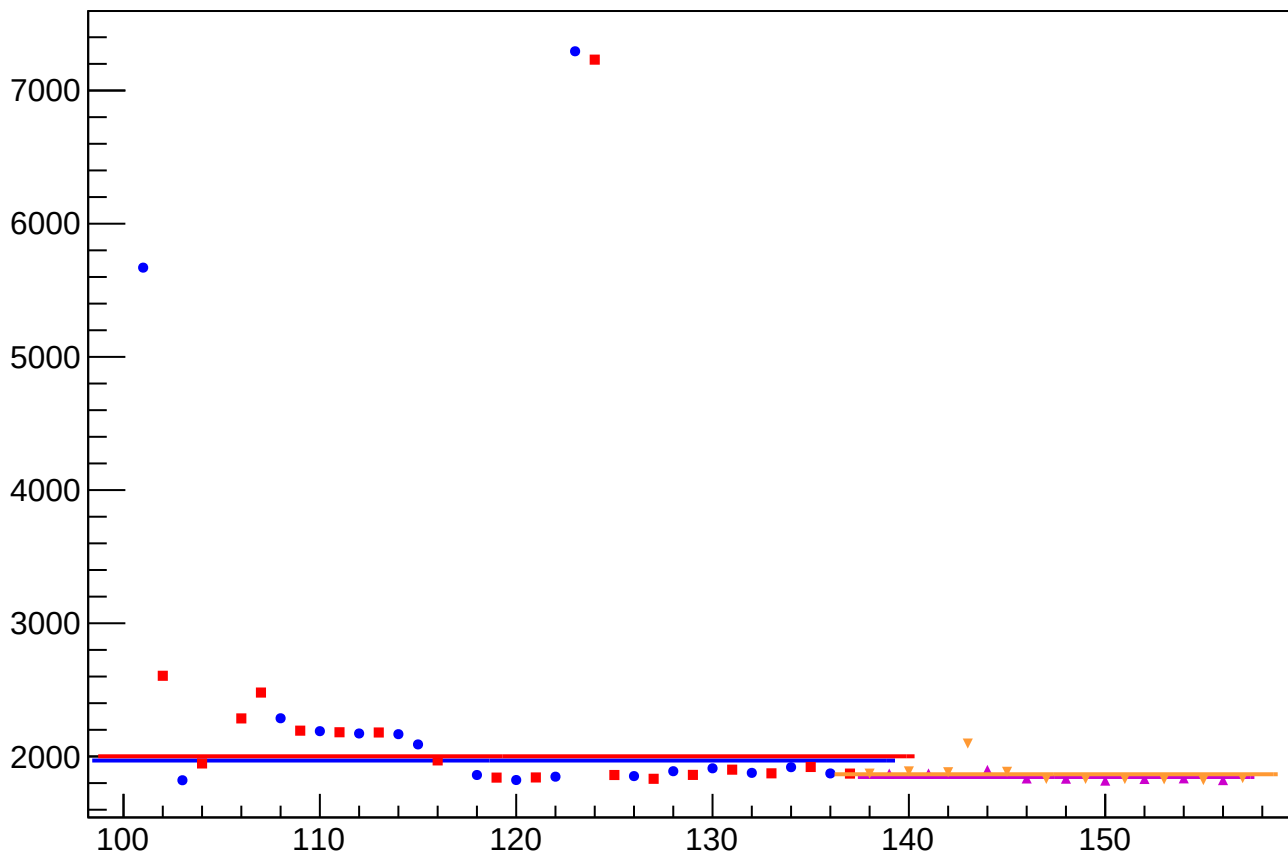
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -940.880+/-511.901 χ^2/NDF :32.3/25

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

All: -845.508+/-356.806 χ^2/NDF : 62.8/54

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1866.336+/-0.461 χ^2/NDF : 22636.4/10

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

Left In: 1845.984+/-0.480 χ^2/NDF : 2920.7/8

Left: 1856.571+/-0.332 χ^2/NDF : 26492.3/19

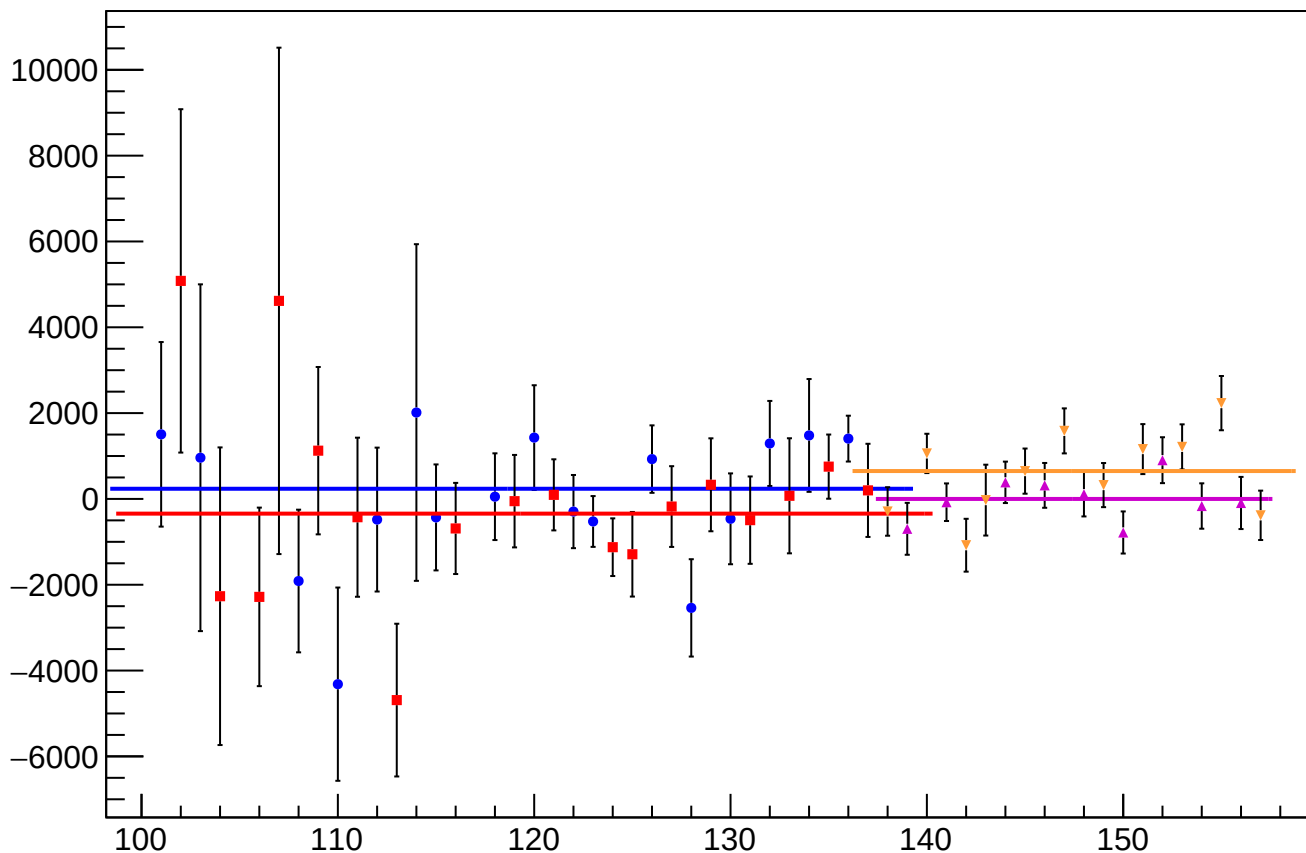
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1899.248+/-0.362 χ^2/NDF : 634288.2/25

Out: 1922.607+/-0.352 χ^2/NDF : 348972.7/28

All: 1911.258+/-0.252 χ^2/NDF : 985402.1/54

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -0.490 $\pm$ 172.653 χ^2 /NDF:7.9/8

Left: 332.065 $\pm$ 120.675 χ^2 /NDF: 42.3/19

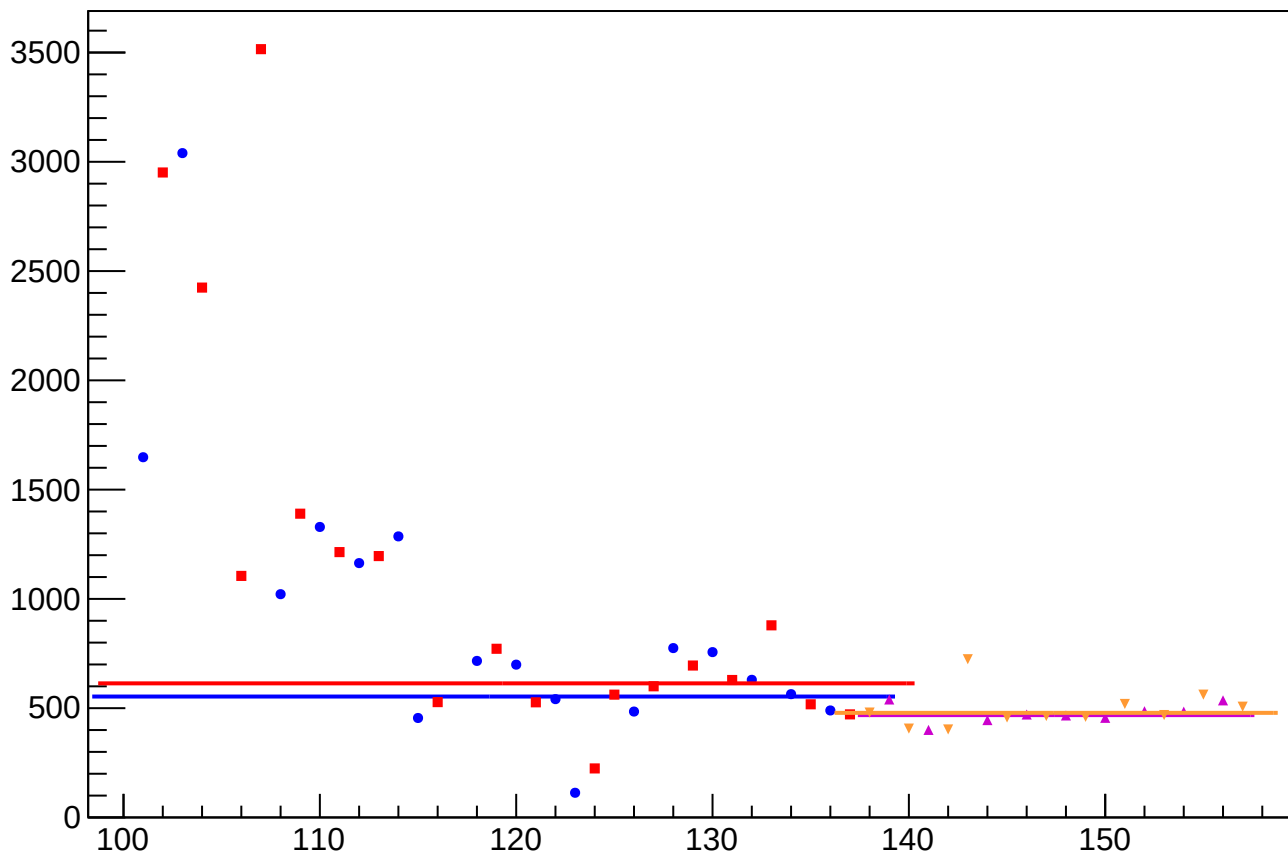
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 76.741 $\pm$ 141.809 χ^2 /NDF:32.4/25

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

All: 221.685 $\pm$ 100.650 χ^2 /NDF: 87.3/54

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 468.291 $\pm$ 0.122 χ^2 /NDF: 110253.8/8

Left: 473.568 $\pm$ 0.085 χ^2 /NDF: 427838.0/19

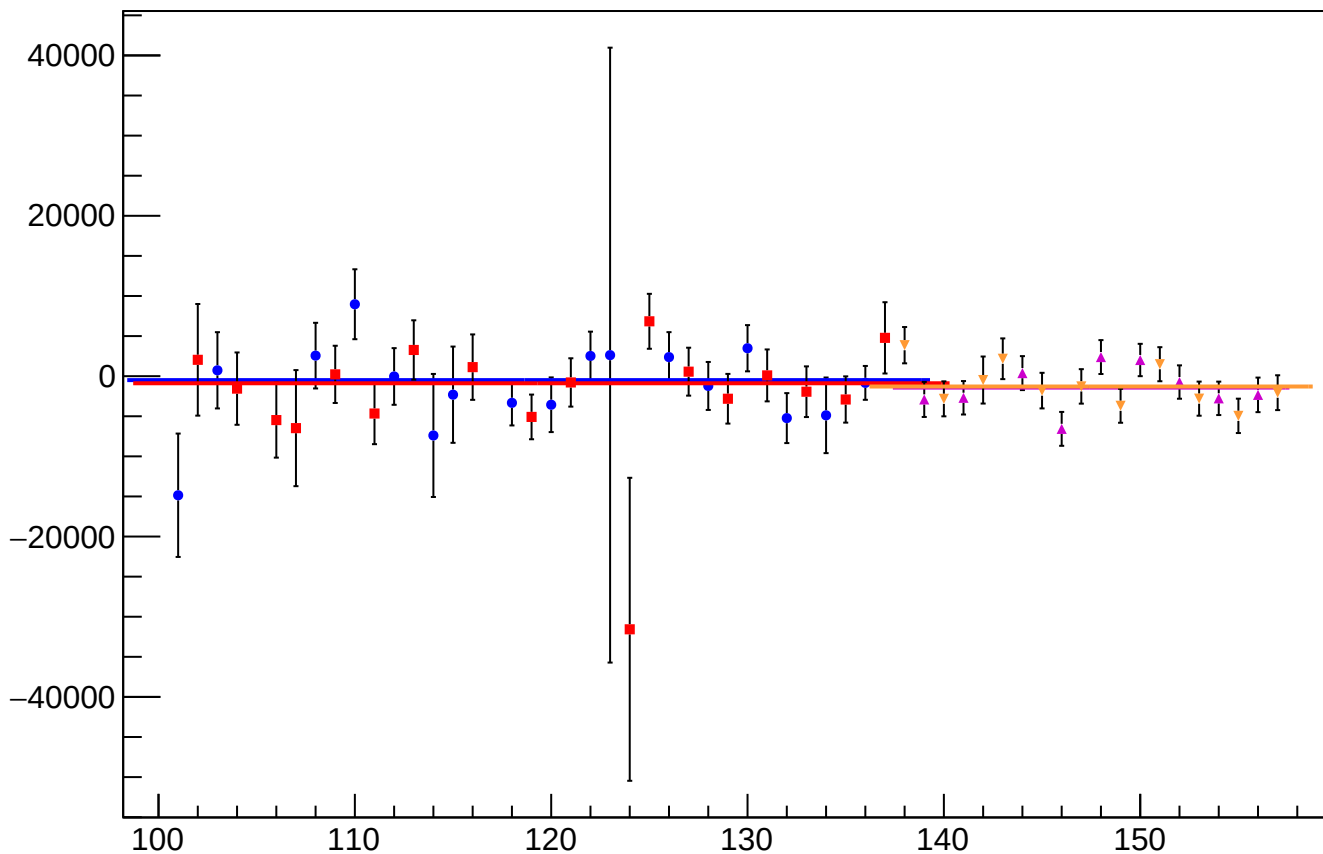
Right: 581.103 $\pm$ 0.129 χ^2 /NDF: 6943410.9/34

In: 495.945 $\pm$ 0.100 χ^2 /NDF: 3680689.4/25

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

All: 506.296 $\pm$ 0.071 χ^2 /NDF: 7854605.5/54

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1422.867+/-701.421 χ^2/NDF :14.3/8

Left: -1353.828+/-486.577 χ^2/NDF : 28.6/19

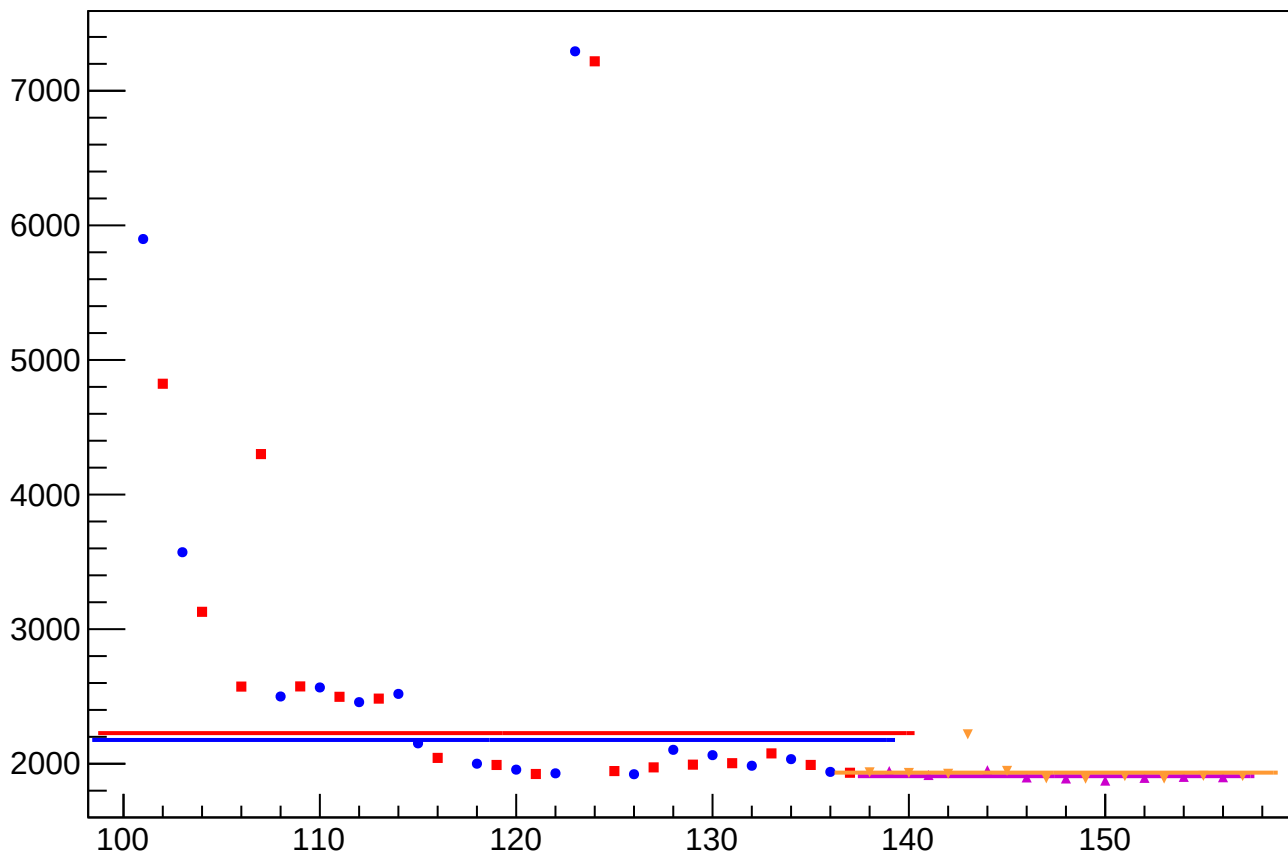
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -1055.106+/-545.555 χ^2/NDF :33.6/25

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

All: -1097.083+/-381.389 χ^2/NDF : 65.2/54

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1907.804 $\pm$ 0.496 χ^2 /NDF: 2332.6/8

Left: 1921.421 $\pm$ 0.344 χ^2 /NDF: 32360.1/19

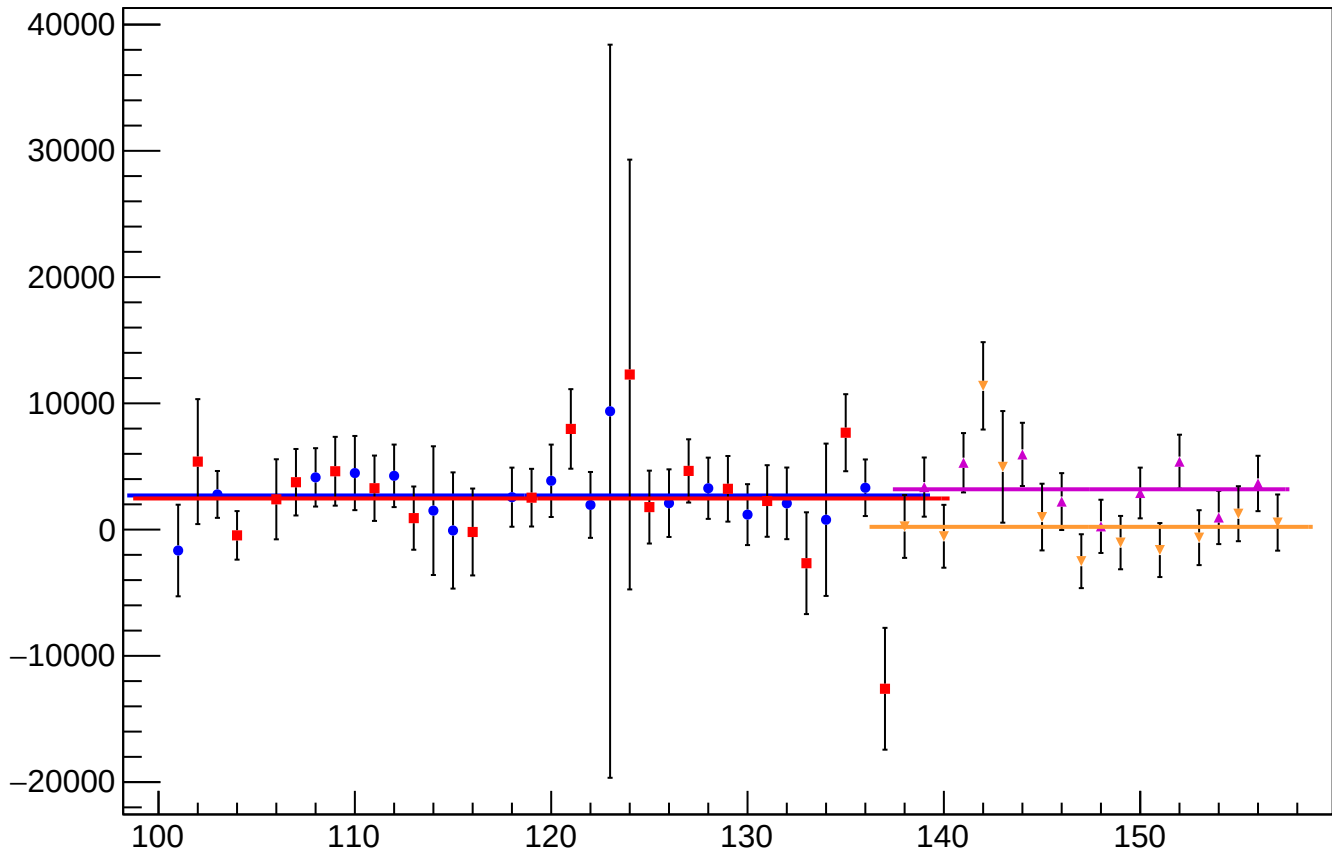
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2014.049 $\pm$ 0.386 χ^2 /NDF: 921166.3/25

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

All: 2029.690 $\pm$ 0.270 χ^2 /NDF: 1920928.5/54

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3193.004 $\pm$ 736.286 χ^2 /NDF:6.4/8

Left: 1688.457 $\pm$ 517.655 χ^2 /NDF: 29.5/19

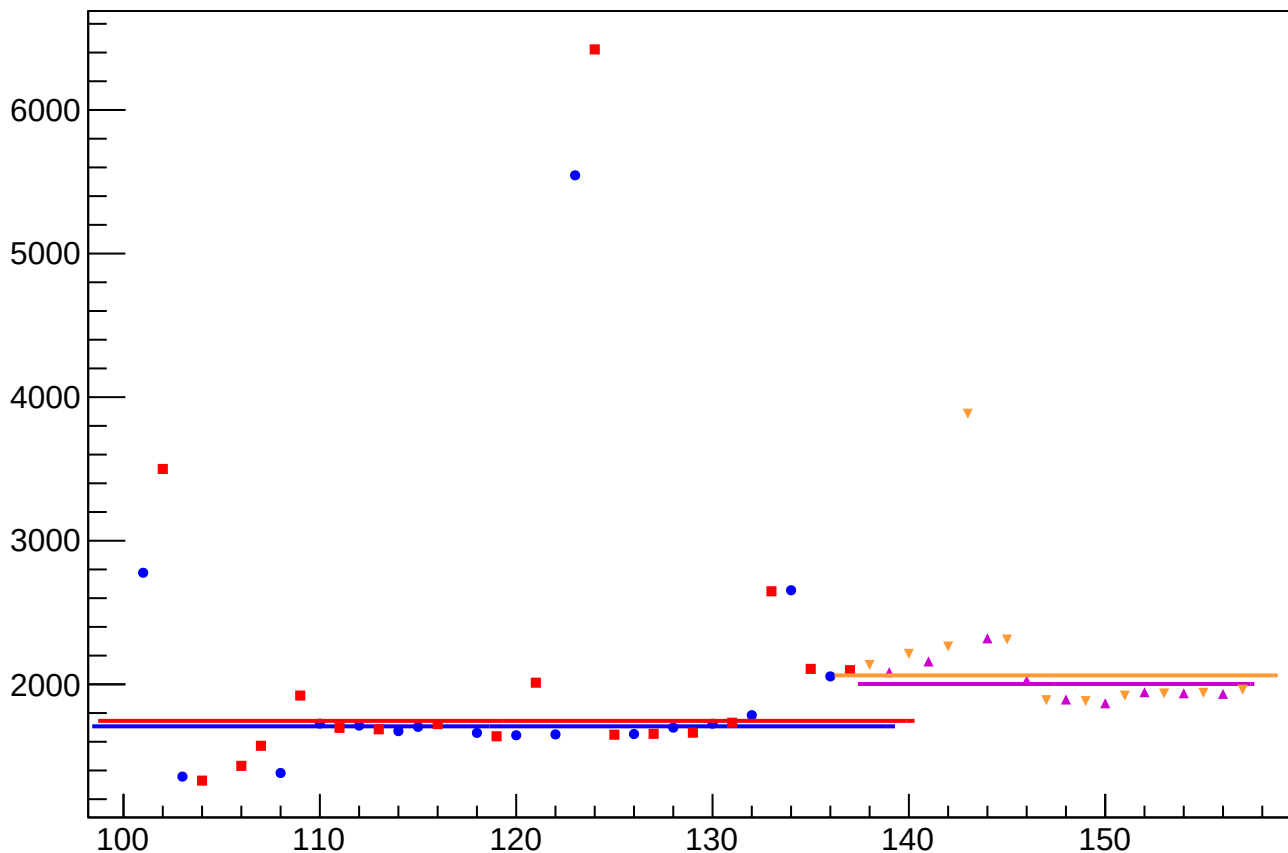
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2926.643 $\pm$ 497.113 χ^2 /NDF:10.7/25

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

All: 2171.080 $\pm$ 351.892 χ^2 /NDF: 58.4/54

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2062.358+/-0.515 χ^2/NDF : 426555.3/10

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

Left In: 2002.459+/-0.521 χ^2/NDF : 63332.3/8

Left: 2032.750+/-0.366 χ^2/NDF : 496581.3/19

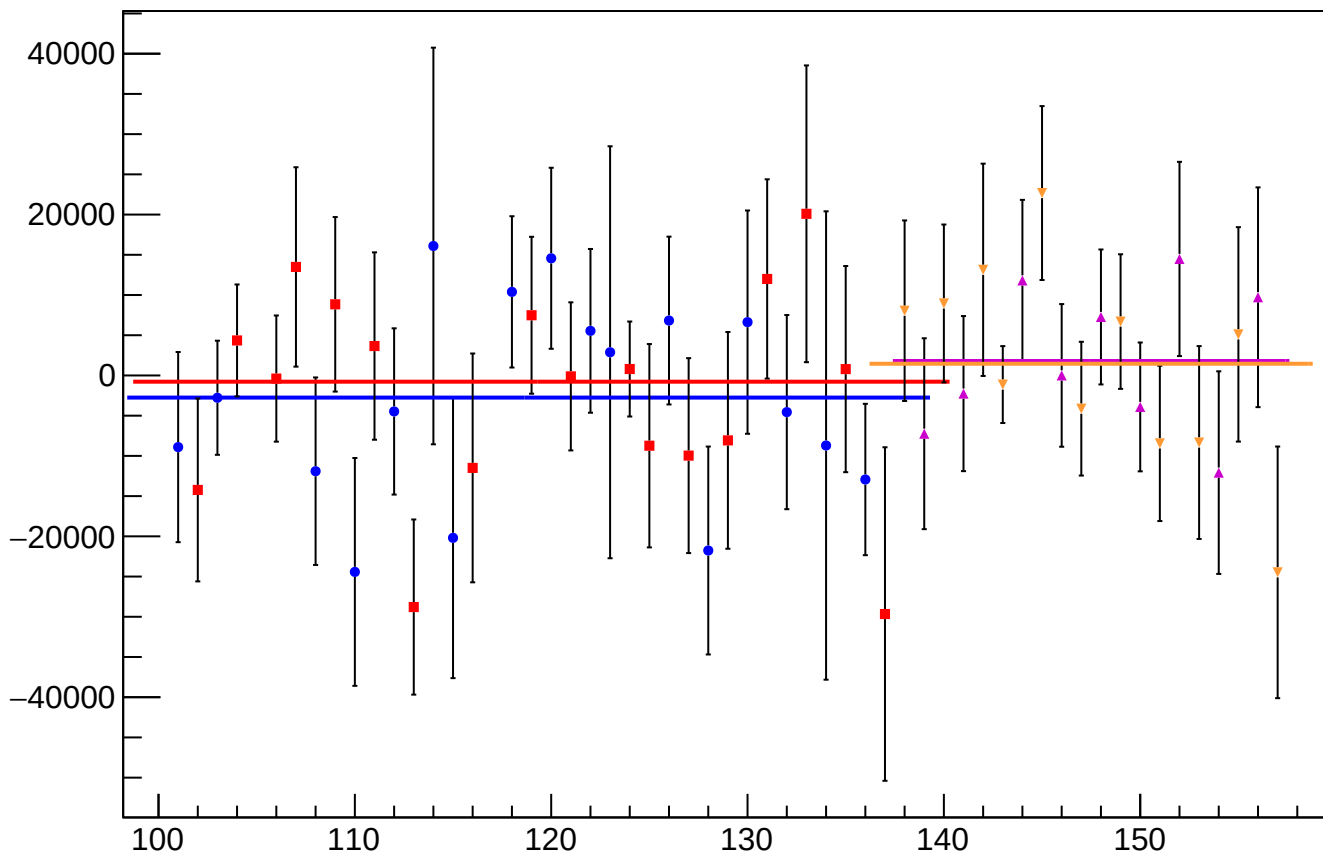
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1841.894+/-0.352 χ^2/NDF : 660289.6/25

Out: 1893.896+/-0.352 χ^2/NDF : 1327235.0/28

All: 1867.842+/-0.249 χ^2/NDF : 1998445.4/54

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1797.404 $\pm$ 3354.476 χ^2 /NDF:5.4/8

Left: 1592.228 $\pm$ 2125.177 χ^2 /NDF: 16.6/19

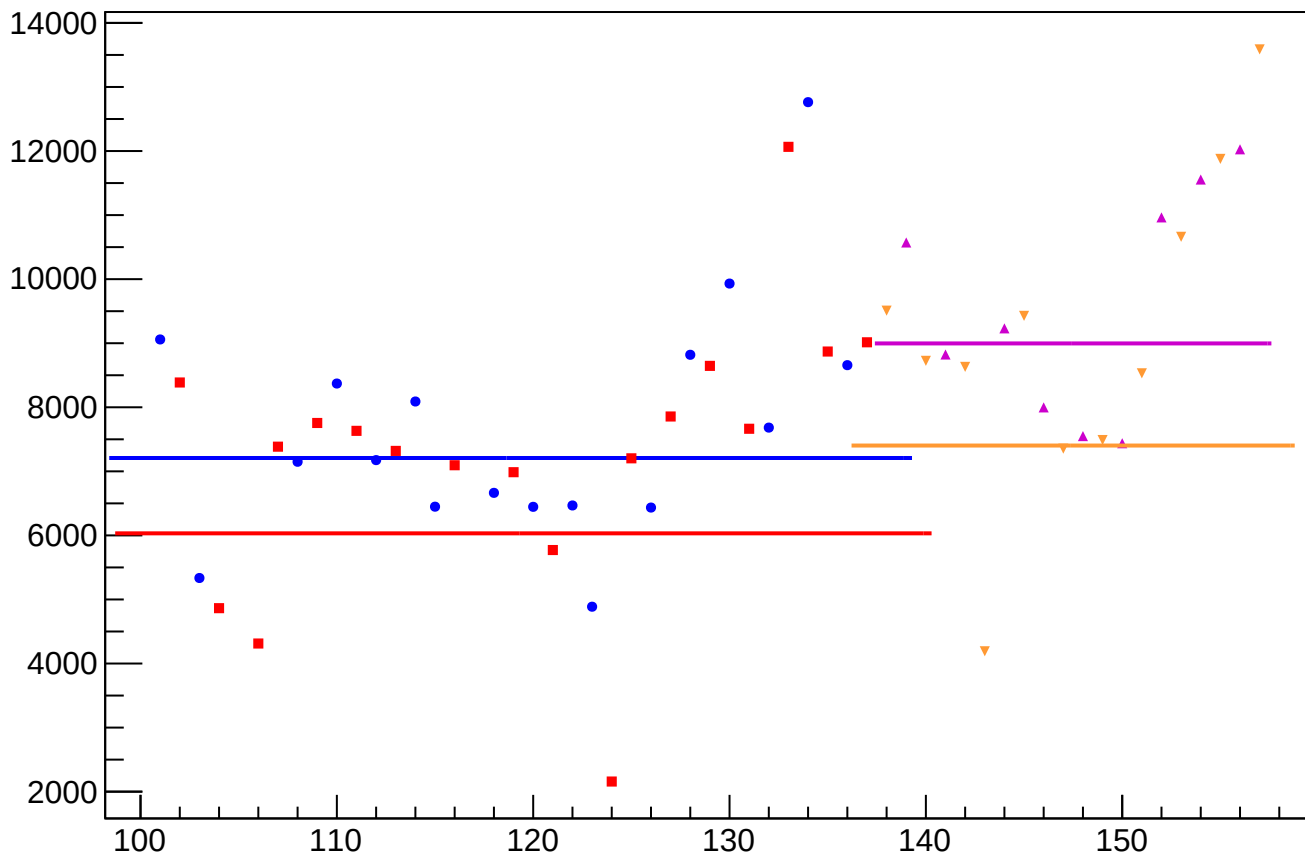
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -849.944 $\pm$ 2168.574 χ^2 /NDF:21.0/25

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

All: -229.997 $\pm$ 1396.115 χ^2 /NDF: 50.5/54

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7402.844+/-1.942 χ^2/NDF : 1810426.1/10

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

Left In: 8996.851+/-2.372 χ^2/NDF : 431589.9/8

Left: 8042.624+/-1.503 χ^2/NDF : 2512363.5/19

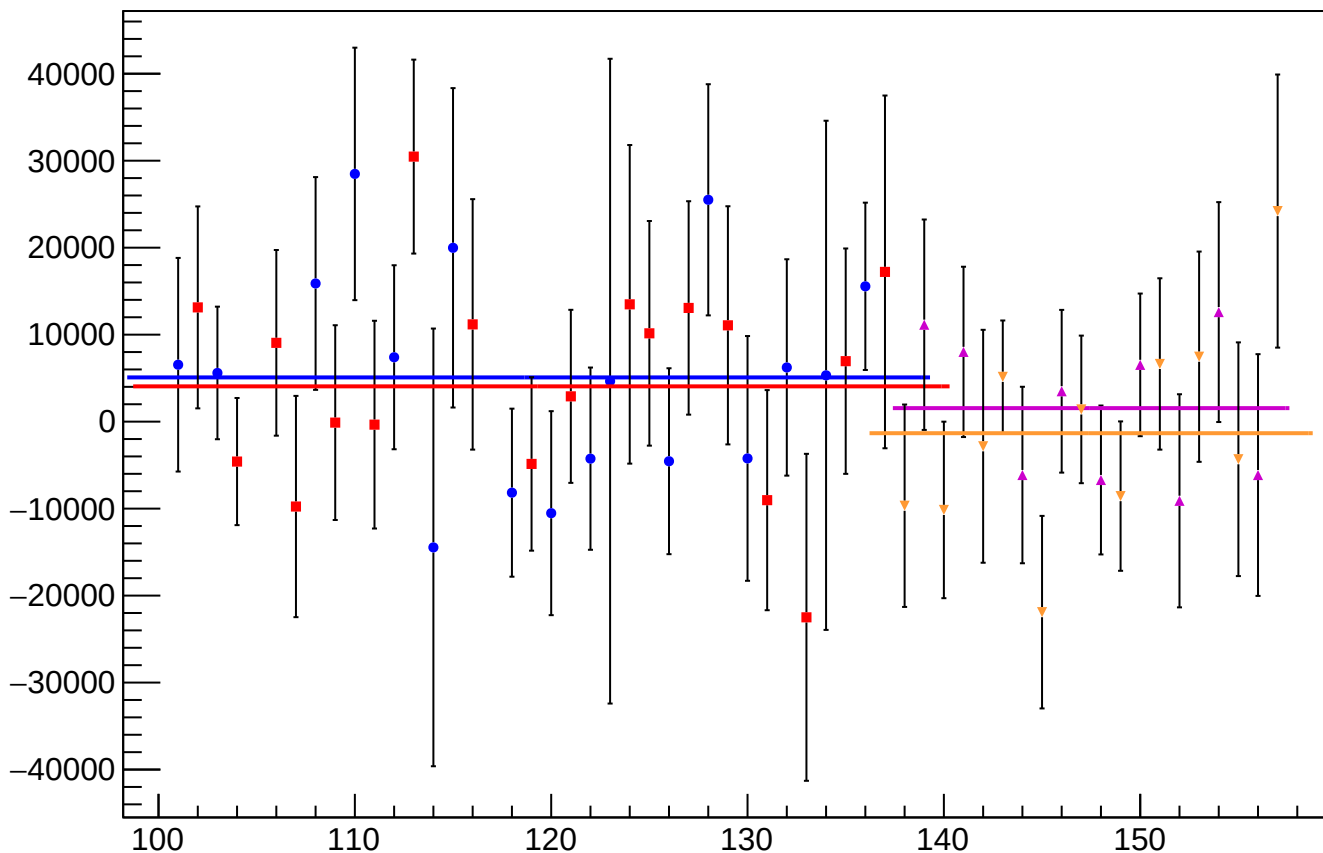
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7955.808+/-1.533 χ^2/NDF : 1256272.2/25

Out: 6636.964+/-1.290 χ^2/NDF : 3886273.1/28

All: 7183.586+/-0.987 χ^2/NDF : 5575674.1/54

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1552.731+/-3429.330 χ^2/NDF : 4.8/8

Left: -65.397+/-2270.985 χ^2/NDF : 15.6/19

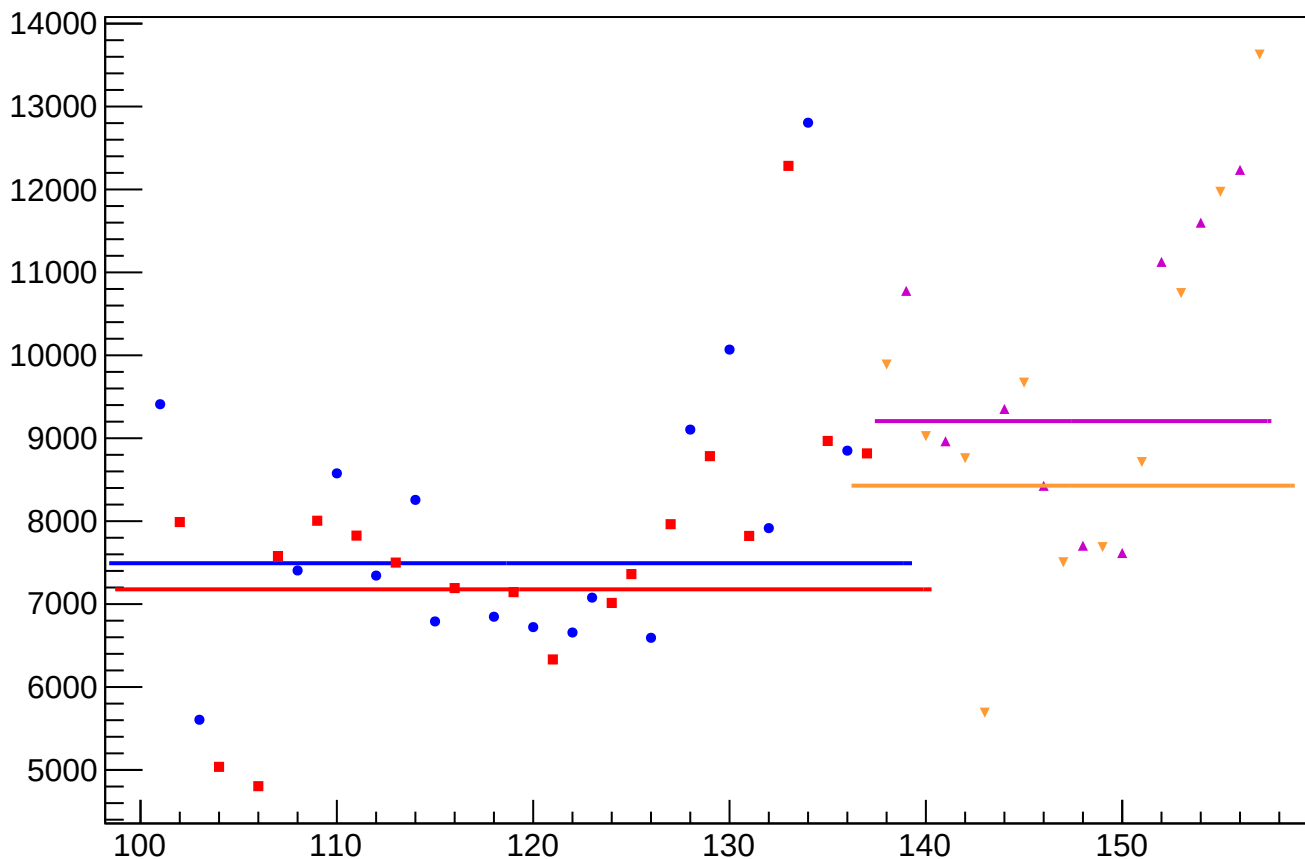
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 3579.501+/-2238.678 χ^2/NDF : 19.4/25

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

All: 2492.954+/-1514.555 χ^2/NDF : 47.1/54

asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 9206.727+/-2.425 χ^2/NDF : 402015.3/8

Left: 8769.673+/-1.606 χ^2/NDF : 1354301.1/19

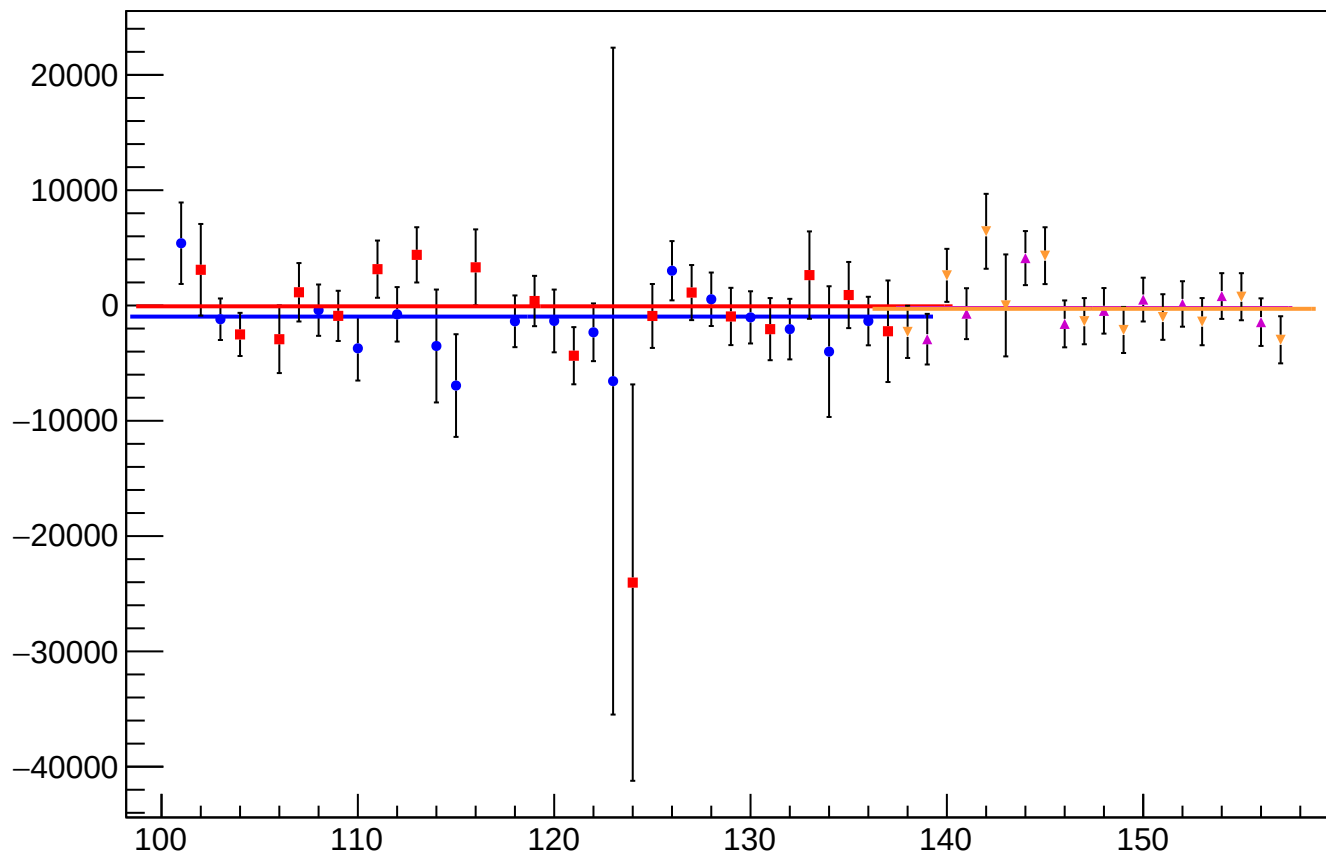
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8223.240+/-1.583 χ^2/NDF : 1125743.3/25

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

All: 7968.531+/-1.071 χ^2/NDF : 2807522.7/54

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -218.580 $\pm$ 687.525 χ^2 /NDF:6.3/8

Left: -253.537 $\pm$ 483.120 χ^2 /NDF: 20.0/19

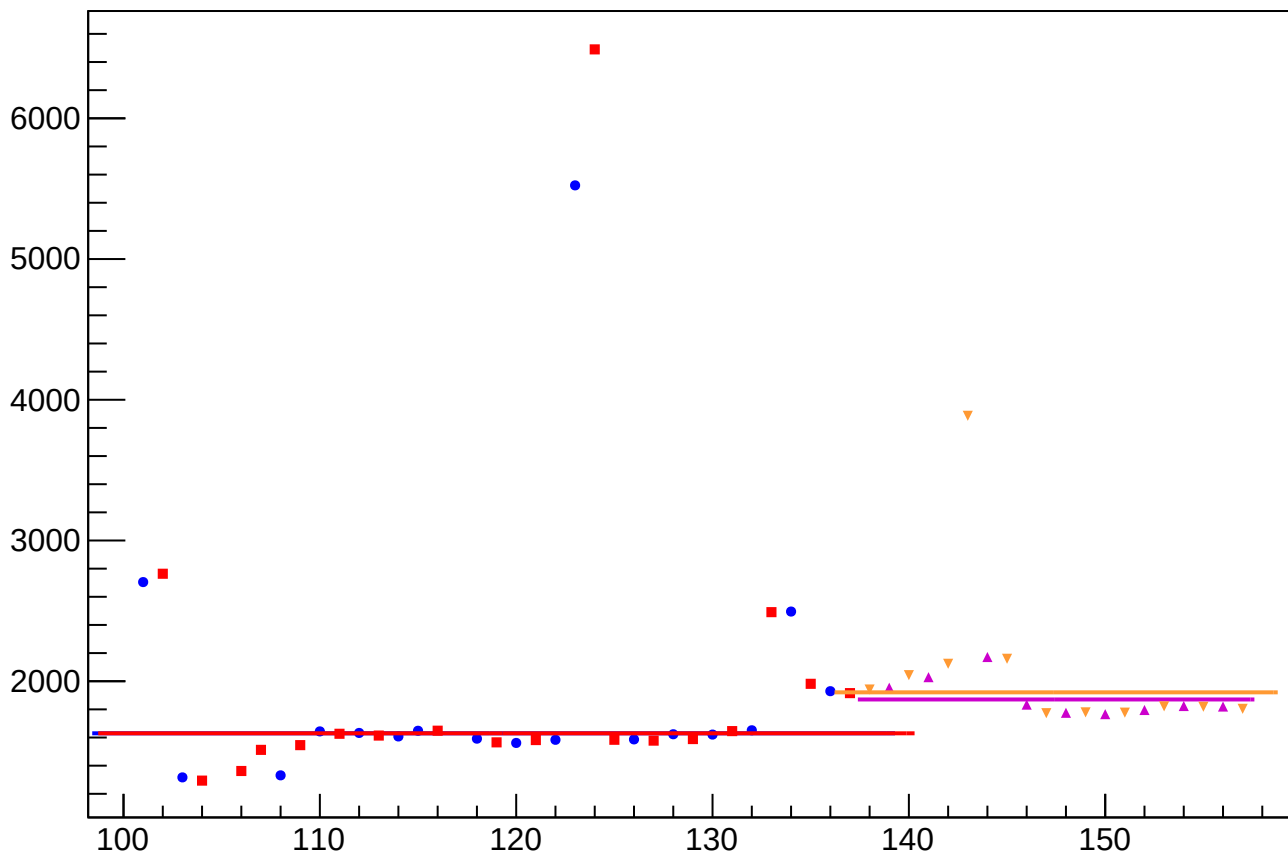
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -615.414 $\pm$ 469.632 χ^2 /NDF:16.9/25

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

All: -390.900 $\pm$ 329.916 χ^2 /NDF: 47.9/54

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.048+/-0.480 χ^2/NDF : 475262.2/10

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

Left In: 1870.379+/-0.486 χ^2/NDF : 62747.3/8

Left: 1896.029+/-0.342 χ^2/NDF : 543508.4/19

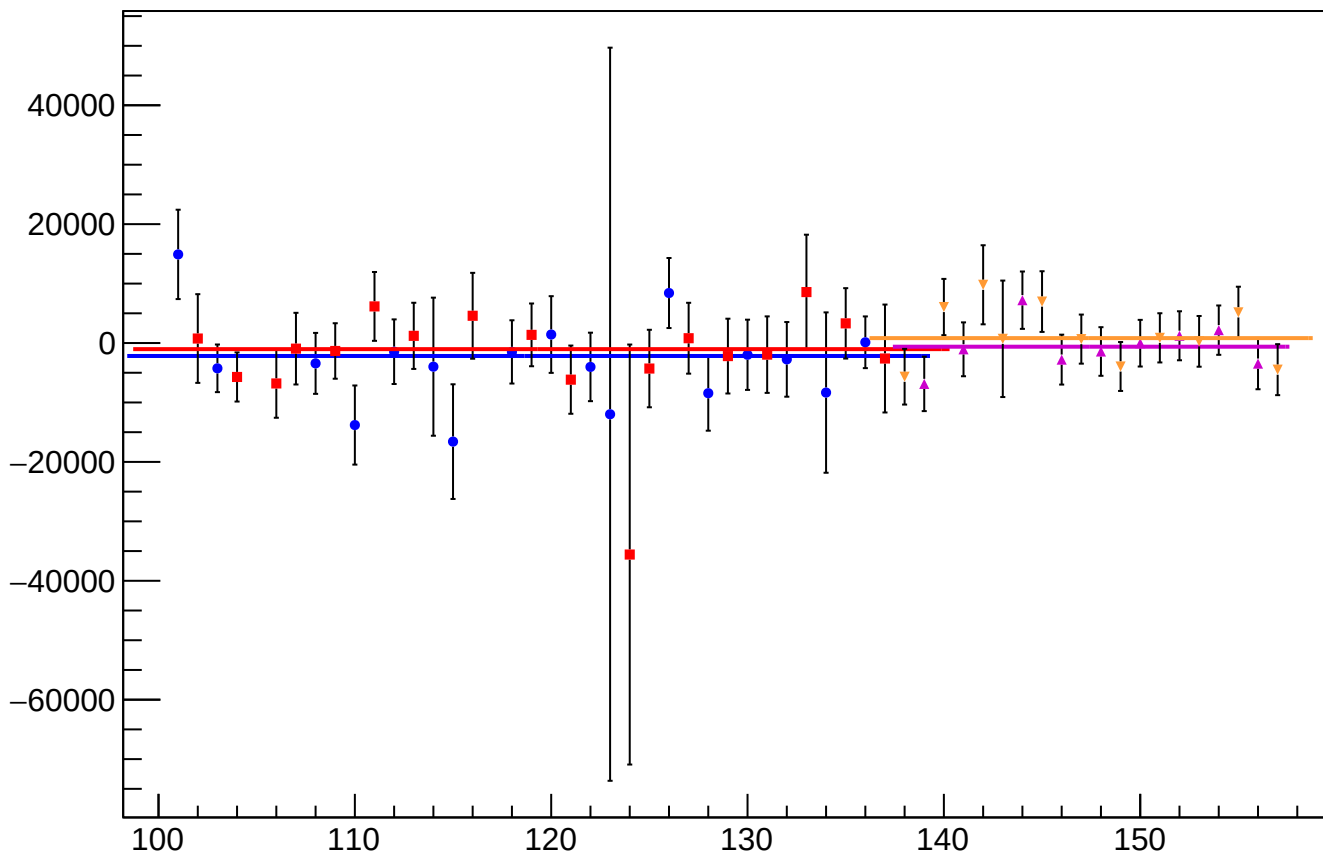
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1742.134+/-0.332 χ^2/NDF : 601357.6/25

Out: 1765.621+/-0.328 χ^2/NDF : 1228982.5/28

All: 1754.030+/-0.233 χ^2/NDF : 1832873.8/54

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 826.356+/-1413.156 χ^2/NDF : 10.3/10

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

Left In: -617.864+/-1426.413 χ^2/NDF : 5.9/8

Left: 110.988+/-1003.906 χ^2/NDF : 16.8/19

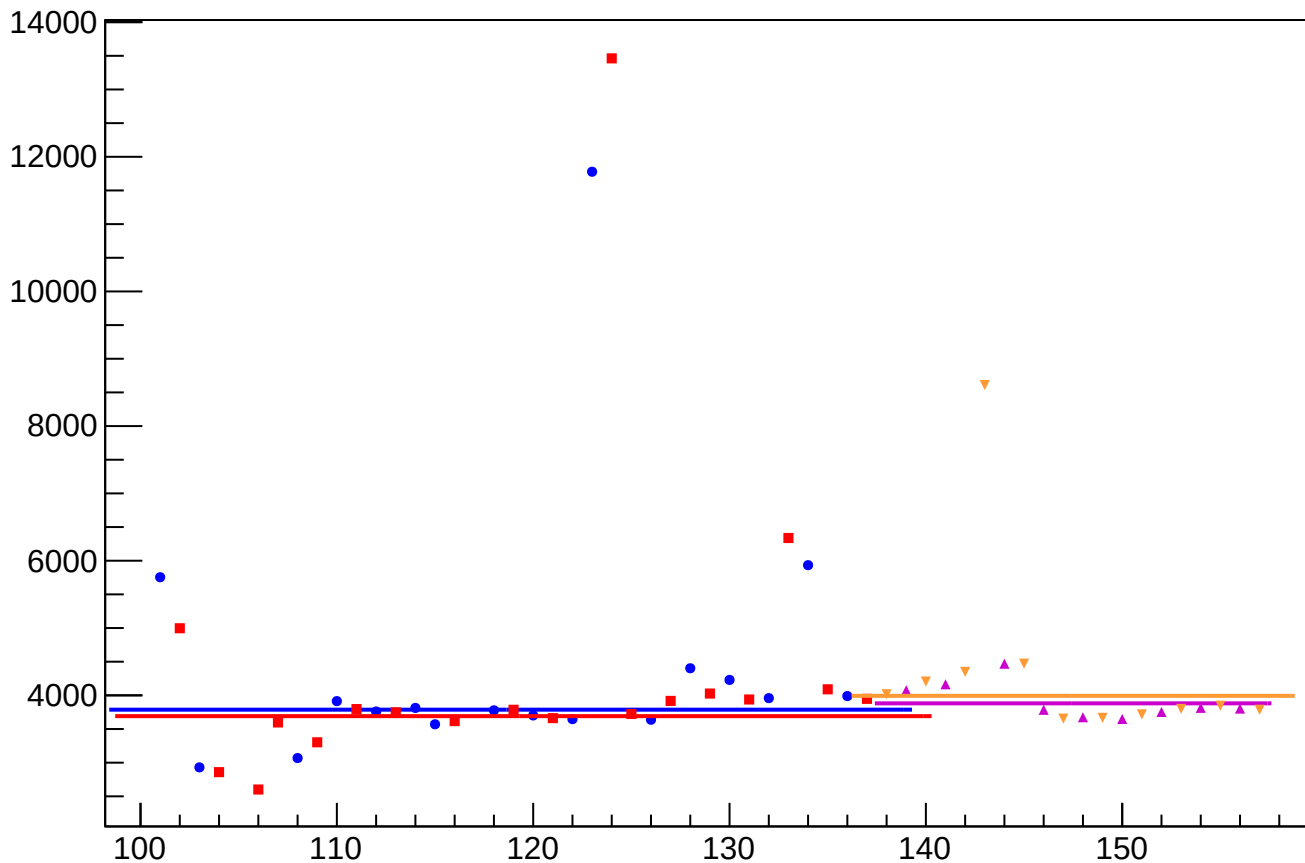
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1362.947+/-1031.372 χ^2/NDF : 22.5/25

Out: -81.384+/-1009.409 χ^2/NDF : 19.7/28

All: -708.375+/-721.400 χ^2/NDF : 43.0/54

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3881.267+/-1.009 χ^2/NDF : 57366.2/8

Left: 3937.656+/-0.710 χ^2/NDF : 580878.6/19

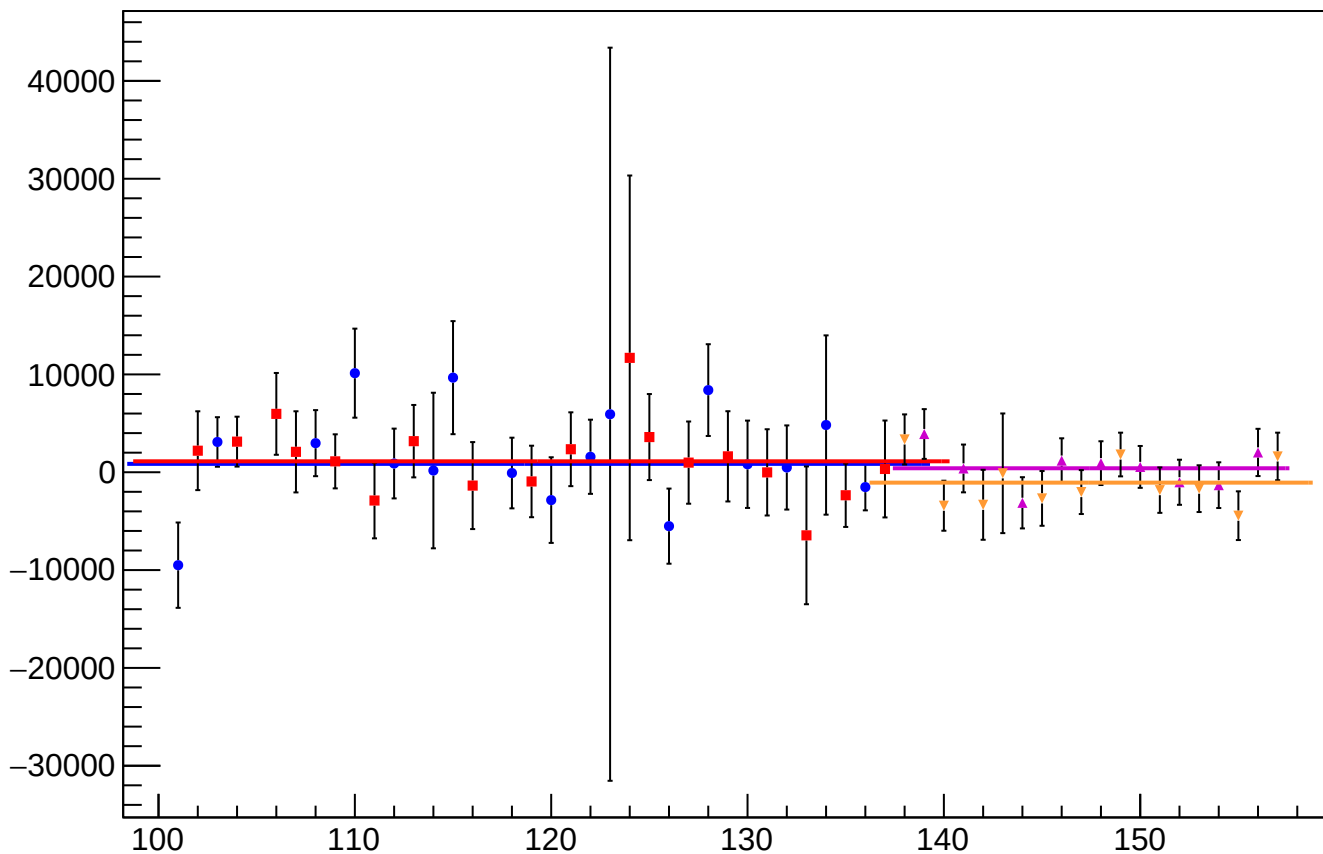
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3836.427+/-0.729 χ^2/NDF : 454158.6/25

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

All: 3840.909+/-0.510 χ^2/NDF : 1571374.7/54

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1062.908 ± 783.536 χ^2/NDF : 9.7/10

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

Left In: 406.069 ± 785.373 χ^2/NDF : 5.3/8

Left: -330.140 ± 554.692 χ^2/NDF : 16.7/19

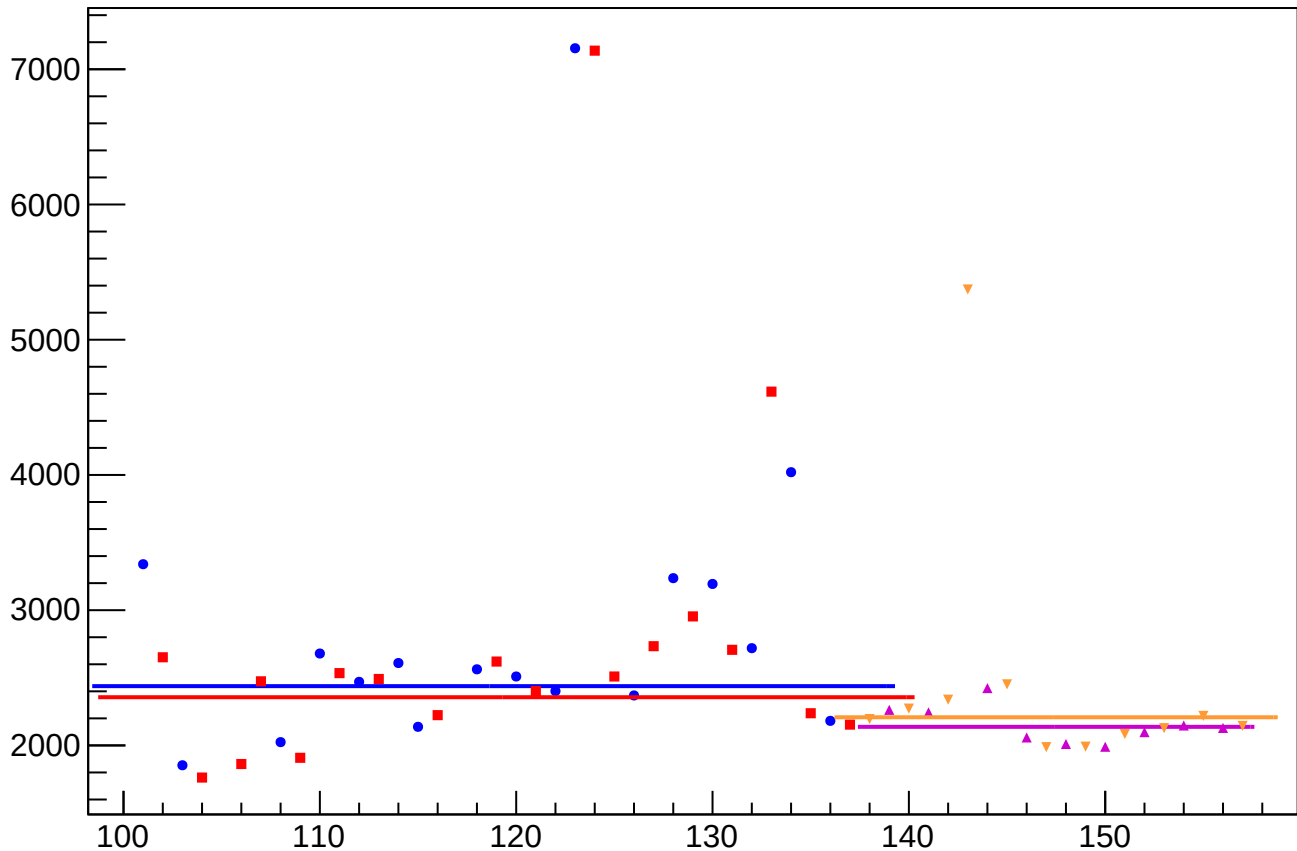
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 585.475 ± 609.069 χ^2/NDF : 26.1/25

Out: -154.500 ± 598.463 χ^2/NDF : 20.1/28

All: 208.988 ± 426.878 χ^2/NDF : 47.0/54

asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 2137.334+/-0.555 χ^2/NDF : 51572.7/8

Left: 2172.813+/-0.392 χ^2/NDF : 661680.0/19

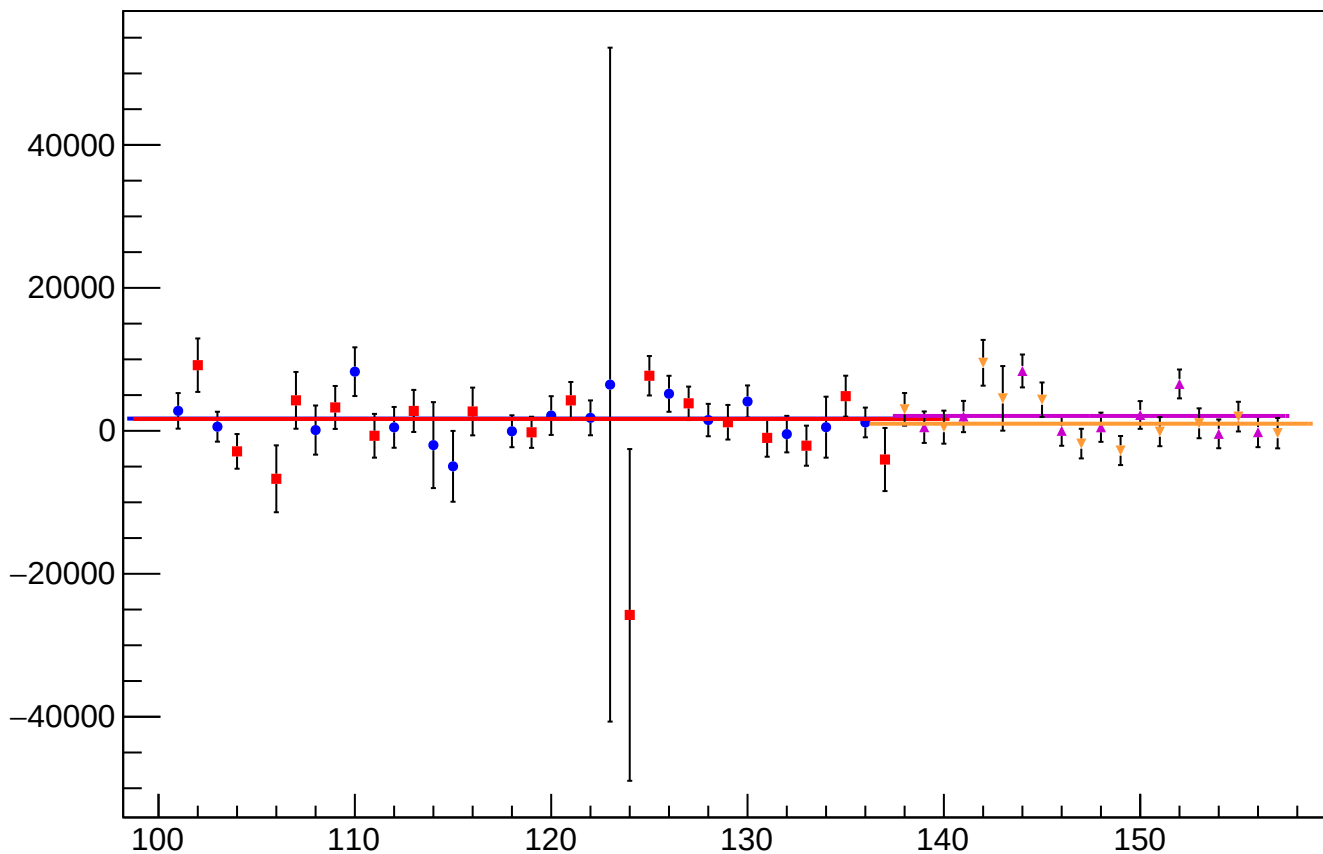
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2257.282+/-0.431 χ^2/NDF : 645340.7/25

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

All: 2263.703+/-0.302 χ^2/NDF : 1906713.6/54

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 997.570 $\pm$ 690.623 χ^2/NDF : 16.6/10

Right Out: 1665.369 $\pm$ 695.701 χ^2/NDF : 26.8/17

Left In: 2083.425 $\pm$ 697.562 χ^2/NDF : 17.2/8

Left: 1535.070 $\pm$ 490.779 χ^2/NDF : 35.0/19

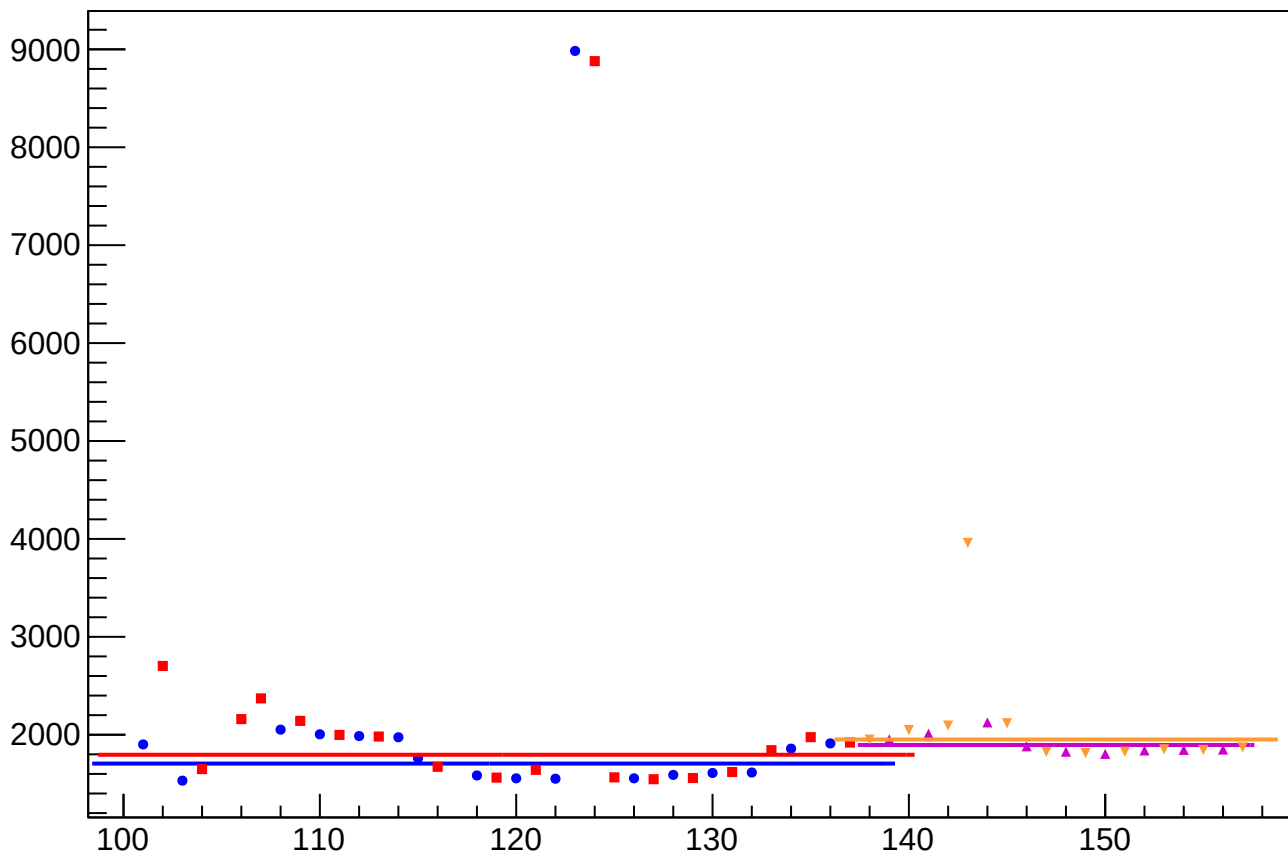
Right: 1689.956 $\pm$ 481.523 χ^2/NDF : 38.2/34

In: 1889.735 $\pm$ 482.139 χ^2/NDF : 28.7/25

Out: 1329.023 $\pm$ 490.130 χ^2/NDF : 43.9/28

All: 1613.987 $\pm$ 343.714 χ^2/NDF : 73.3/54

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1951.456+/-0.488 χ^2/NDF : 448826.4/10

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

Left In: 1895.296+/-0.493 χ^2/NDF : 37583.4/8

Left: 1923.657+/-0.347 χ^2/NDF : 492956.3/19

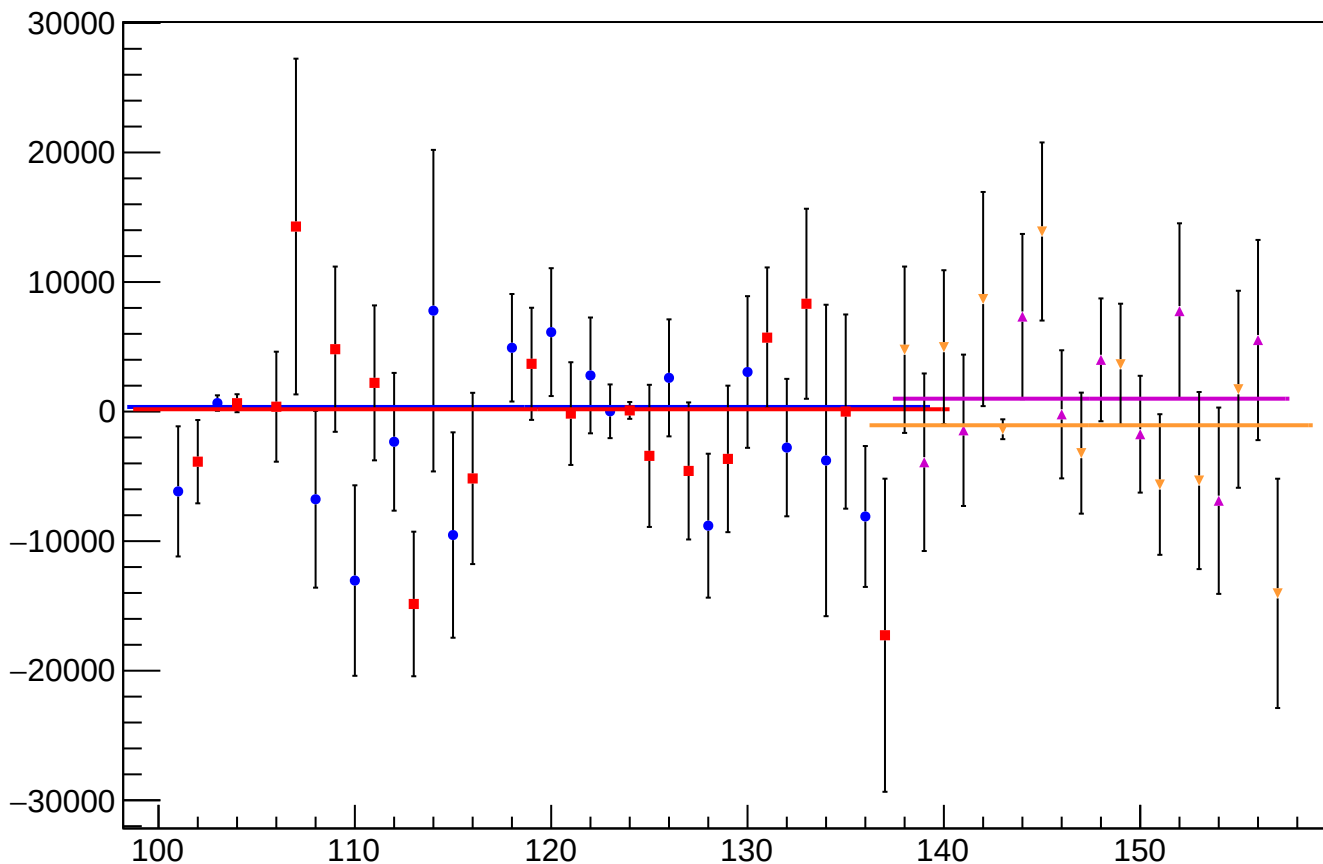
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1796.235+/-0.341 χ^2/NDF : 308984.7/25

Out: 1873.915+/-0.346 χ^2/NDF : 1018315.9/28

All: 1834.479+/-0.243 χ^2/NDF : 1352860.4/54

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 995.194 $\pm$ 1932.835 χ^2 /NDF:5.0/8

Left: -809.805 $\pm$ 668.623 χ^2 /NDF: 18.8/19

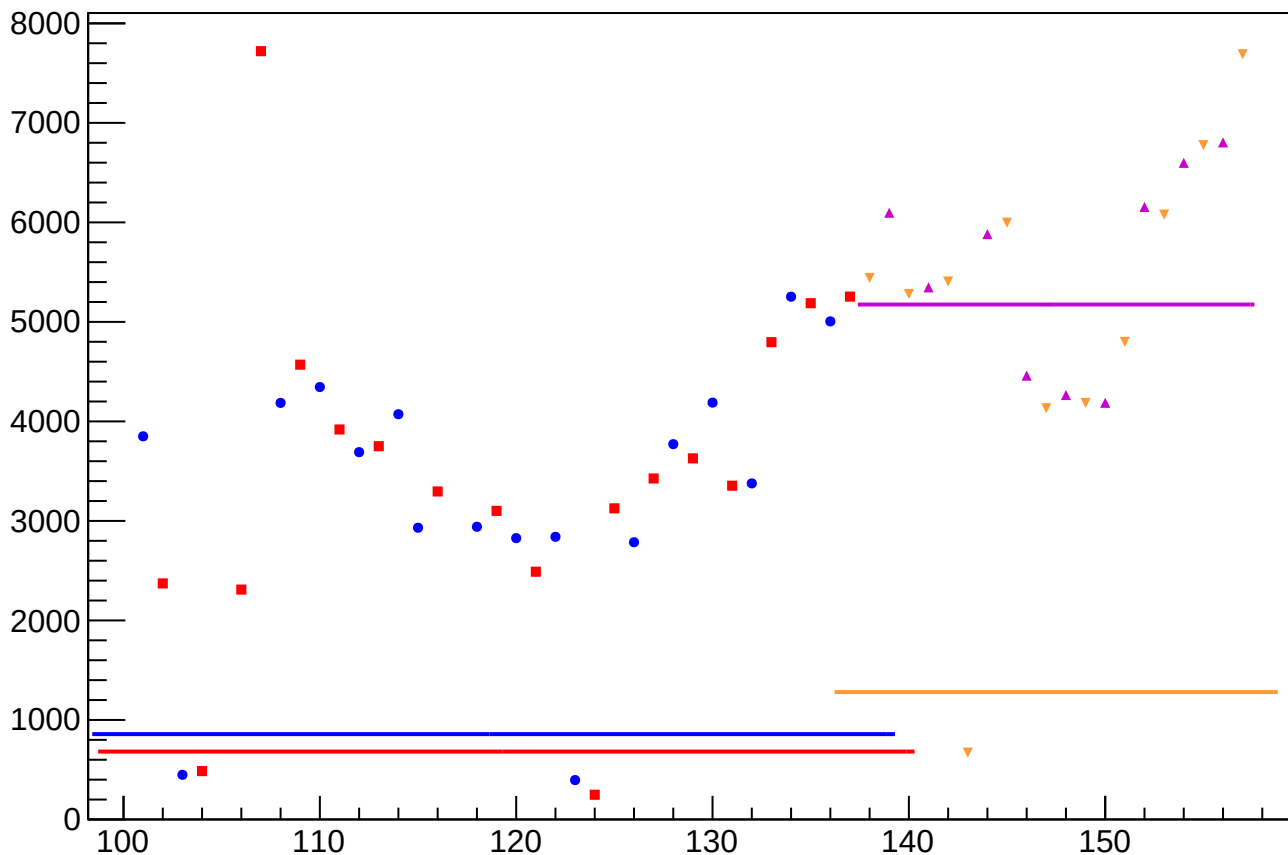
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 402.157 $\pm$ 514.009 χ^2 /NDF:22.6/25

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

All: 31.707 $\pm$ 304.869 χ^2 /NDF: 56.9/54

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377

χ^2 /NDF: 8175260.6/16

Left Out: 1279.954 $\pm$ 0.504

χ^2 /NDF: 9889174.3/10

Right Out: 682.114 $\pm$ 0.316

χ^2 /NDF: 9378570.8/17

Left In: 5174.560 $\pm$ 1.367

χ^2 /NDF: 483162.2/8

Left: 1746.008 $\pm$ 0.473

χ^2 /NDF: 17520835.8/19

Right: 754.488 $\pm$ 0.242

χ^2 /NDF: 17680867.8/34

In: 1162.783 $\pm$ 0.363

χ^2 /NDF: 17930314.4/25

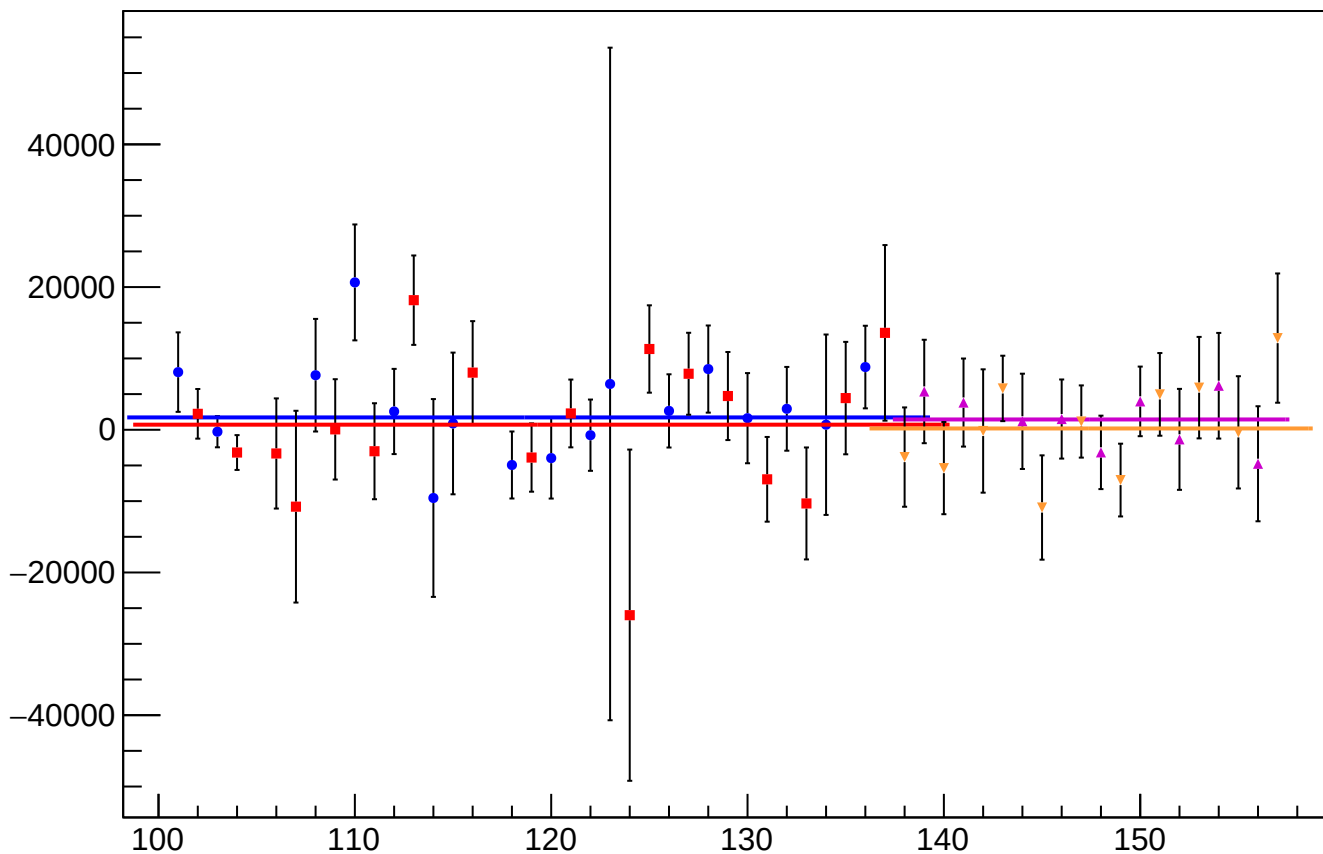
Out: 850.918 $\pm$ 0.268

χ^2 /NDF: 20277910.5/28

All: 960.630 $\pm$ 0.216

χ^2 /NDF: 38685461.8/54

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1446.373+/-2068.798 χ^2/NDF : 2.7/8

Left: 758.583+/-1395.695 χ^2/NDF : 13.1/19

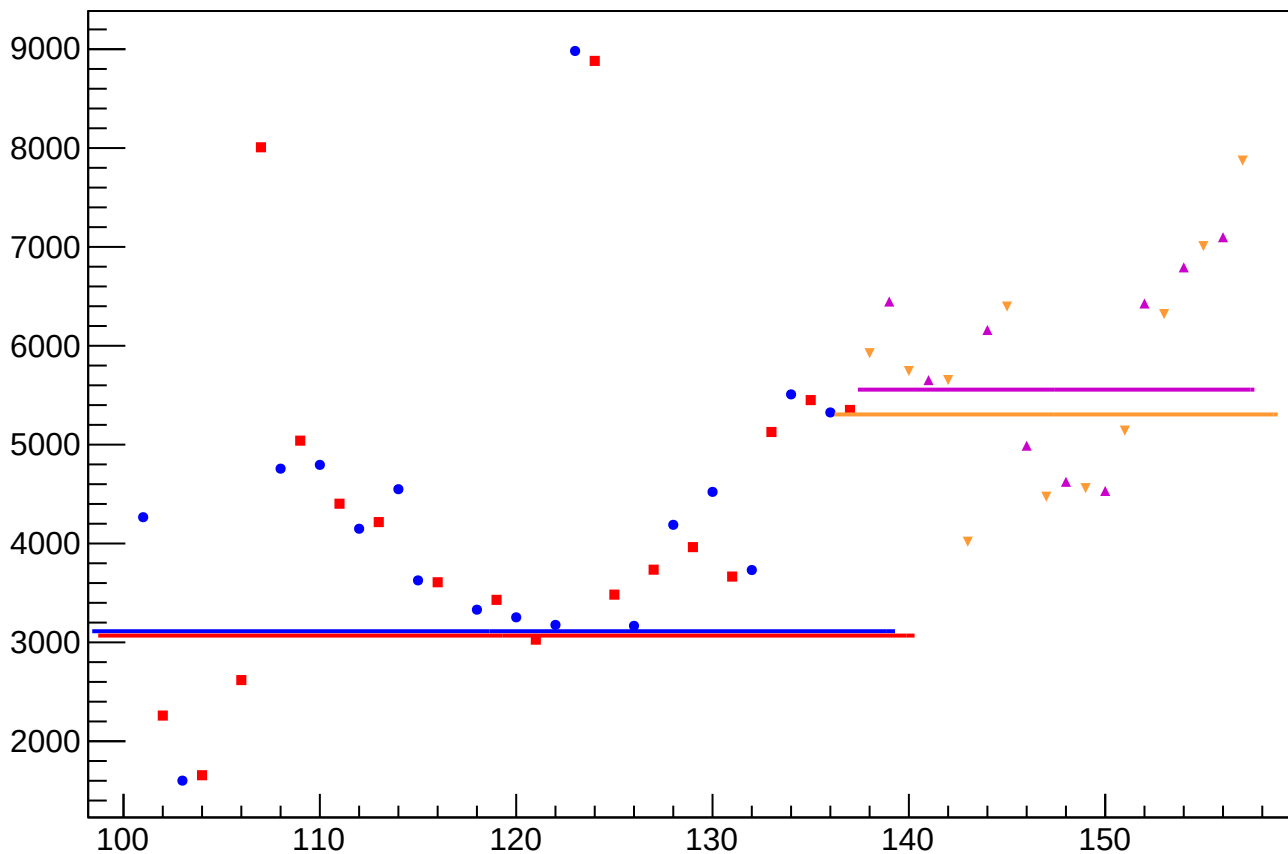
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1651.643+/-1103.512 χ^2/NDF : 17.6/25

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

All: 1080.016+/-766.700 χ^2/NDF : 53.5/54

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5556.404 $\pm$ 1.463 χ^2/NDF : 381168.1/8

Left: 5419.626 $\pm$ 0.987 χ^2/NDF : 1021313.3/19

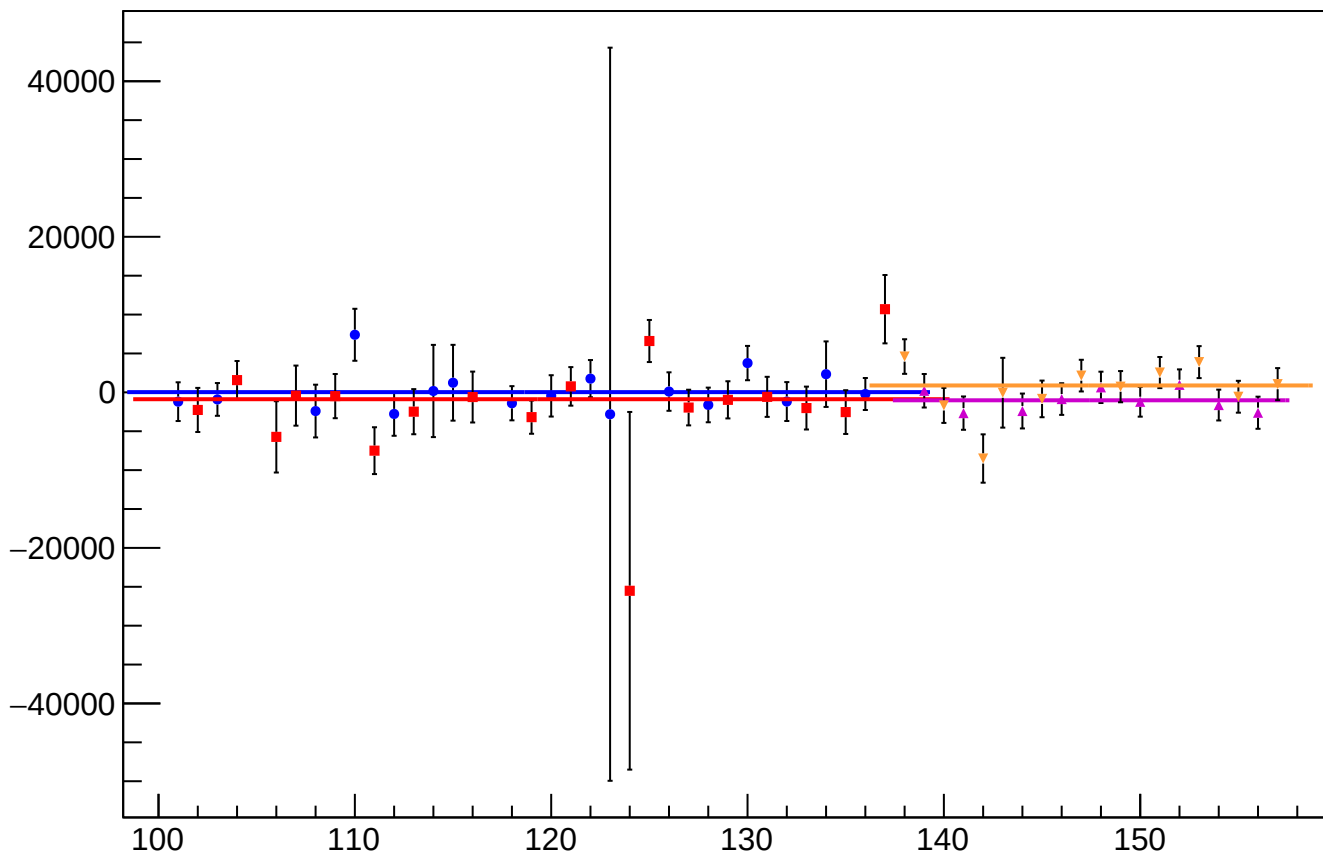
Right: 3090.101 $\pm$ 0.644 χ^2/NDF : 3887313.2/34

In: 3807.976 $\pm$ 0.780 χ^2/NDF : 4262286.7/25

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

All: 3785.753 $\pm$ 0.539 χ^2/NDF : 8816447.1/54

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1021.801 ± 684.154 χ^2/NDF : 3.7/8

Left: -57.892 ± 481.206 χ^2/NDF : 25.1/19

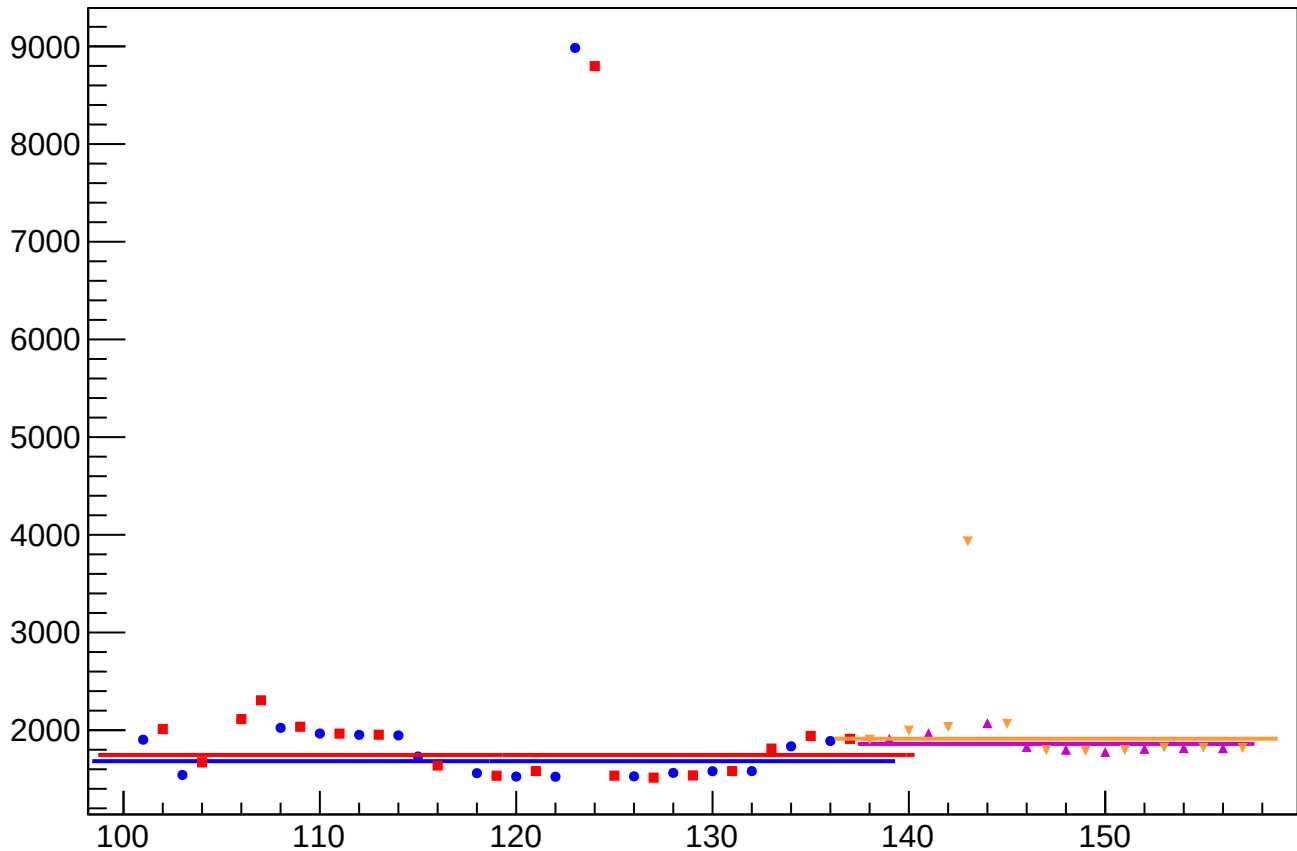
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -476.200 ± 474.404 χ^2/NDF : 16.7/25

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

All: -240.558 ± 336.668 χ^2/NDF : 63.8/54

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1859.364+/-0.484 χ^2/NDF : 33536.9/8

Left: 1886.349+/-0.340 χ^2/NDF : 491988.4/19

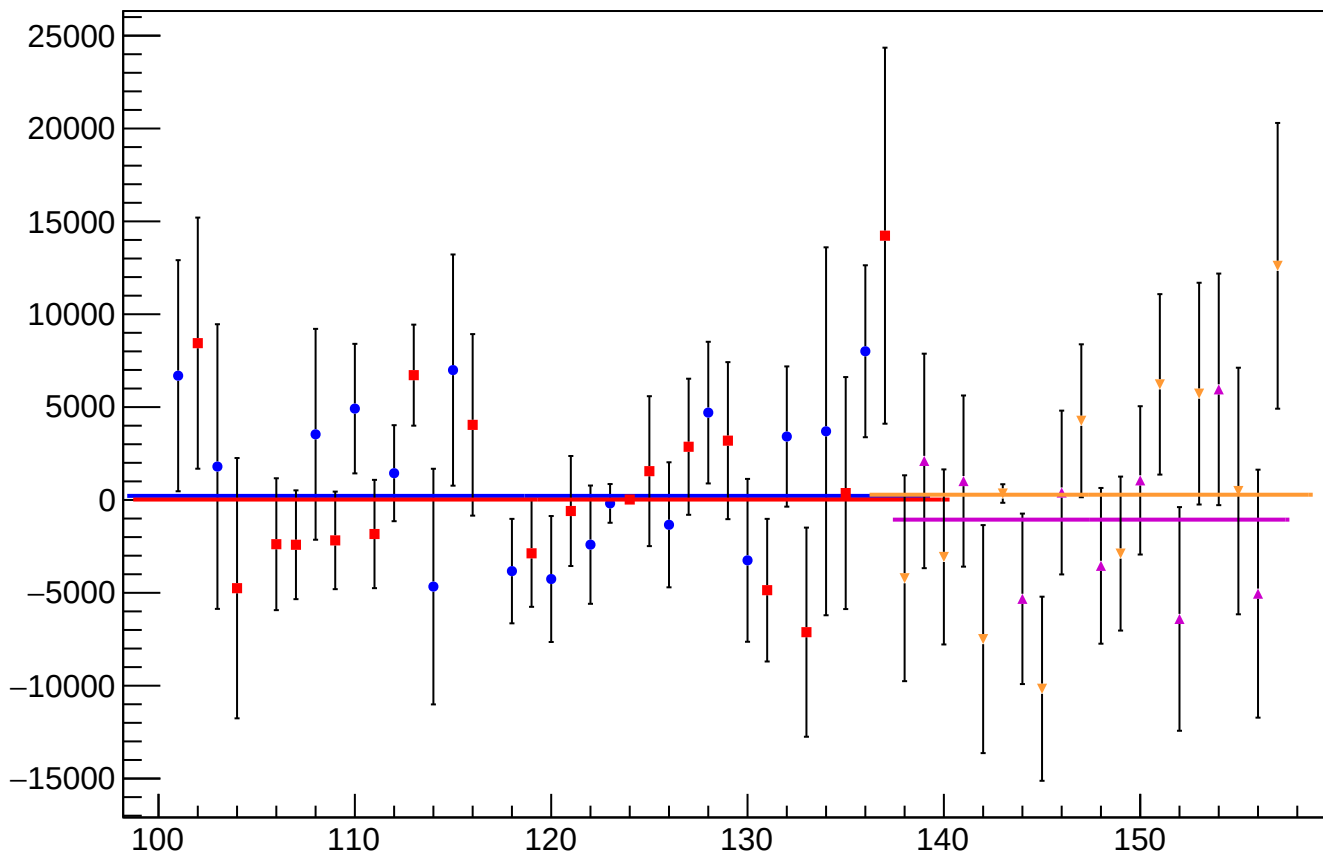
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1767.865+/-0.335 χ^2/NDF : 298297.5/25

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

All: 1798.401+/-0.238 χ^2/NDF : 1234438.0/54

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 282.514 $\pm$ 477.628 χ^2/NDF : 13.6/10

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

Left In: -1059.592 $\pm$ 1640.996 χ^2/NDF : 4.5/8

Left: 177.696 $\pm$ 458.598 χ^2/NDF : 18.8/19

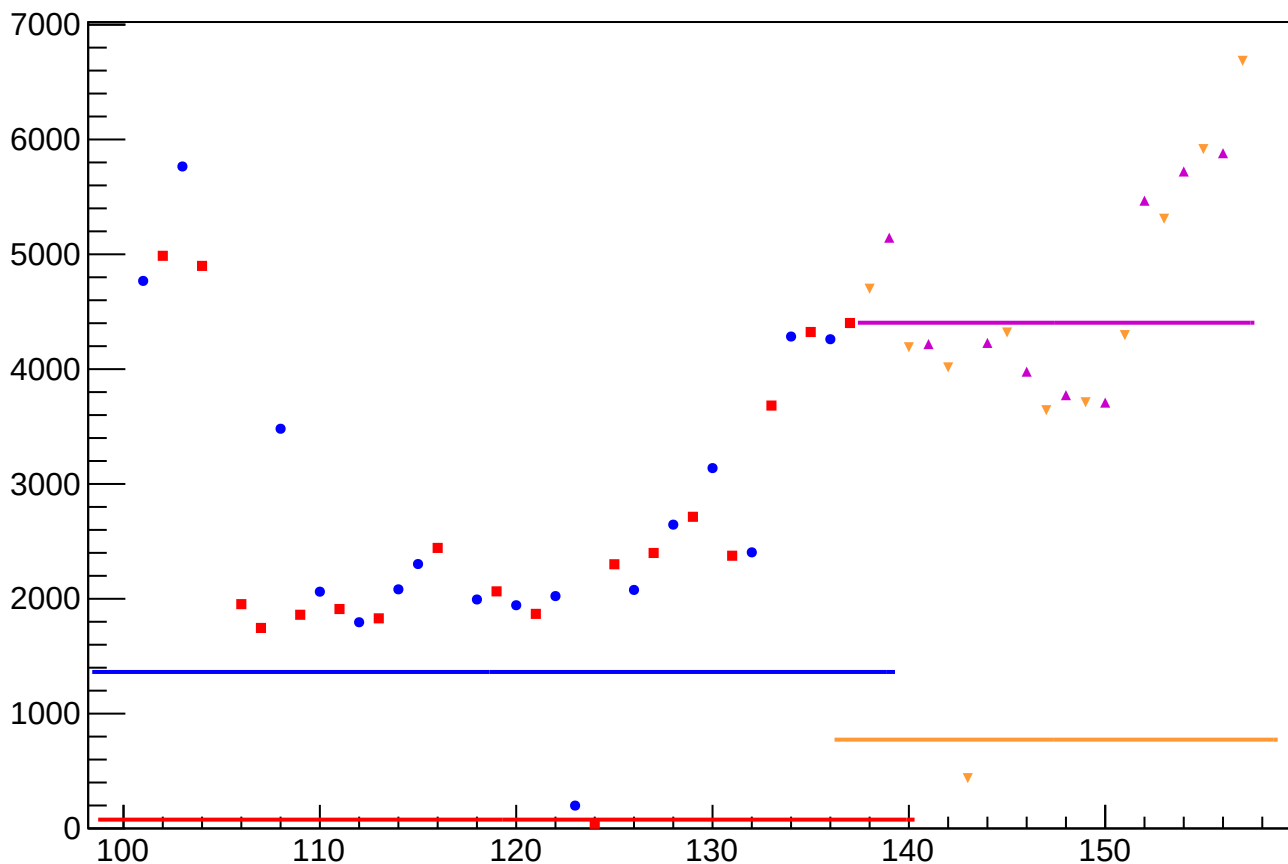
Right: 26.783 $\pm$ 112.731 χ^2/NDF : 34.5/34

In: 12.833 $\pm$ 660.031 χ^2/NDF : 20.8/25

Out: 36.020 $\pm$ 111.010 χ^2/NDF : 32.5/28

All: 35.382 $\pm$ 109.472 χ^2/NDF : 53.3/54

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 773.299±/-0.338 χ^2/NDF : 11102713.1/10

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

Left In: 4404.181±/-1.160 χ^2/NDF : 413094.1/8

Left: 1056.869±/-0.324 χ^2/NDF : 20542386.4/19

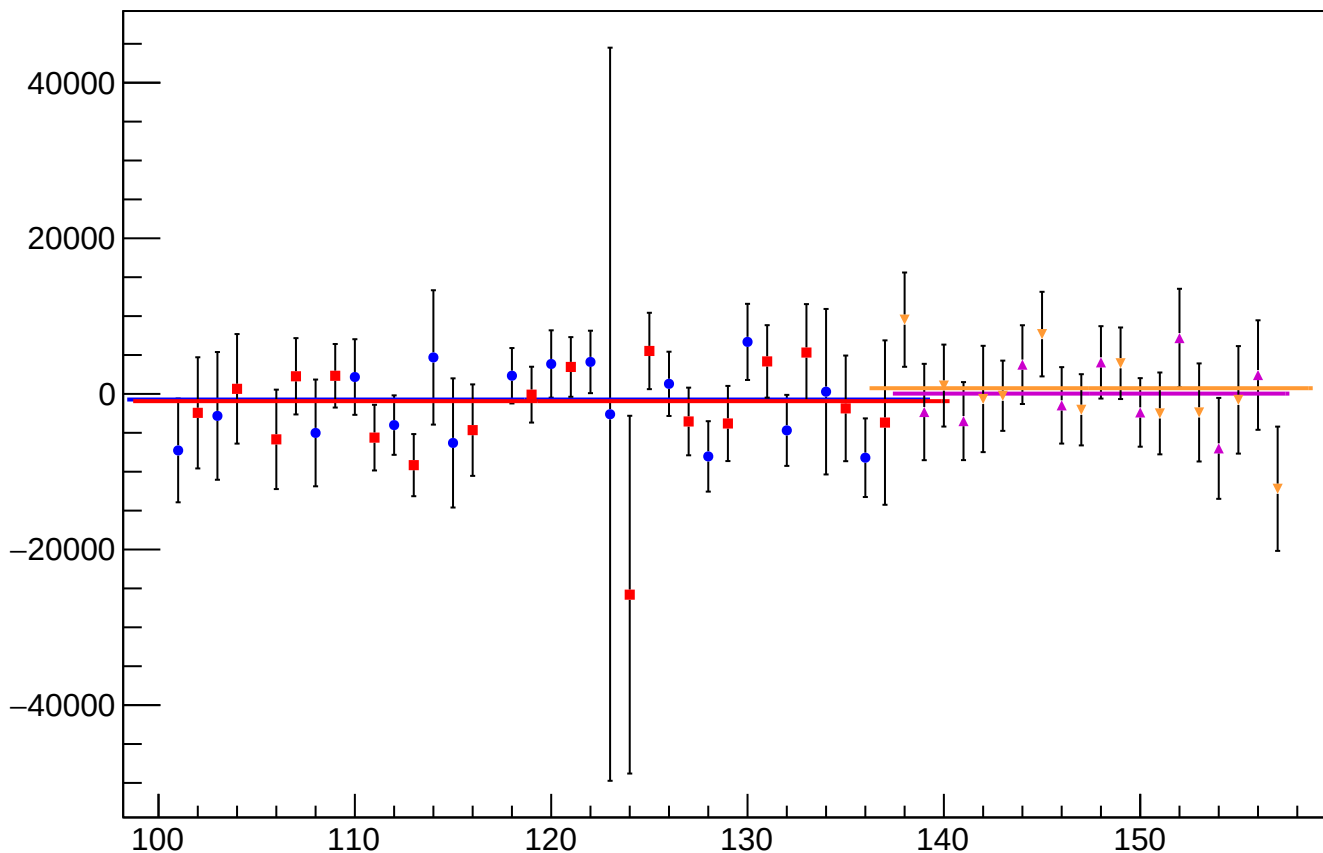
Right: 108.278±/-0.080 χ^2/NDF : 25558892.3/34

In: 1854.857±/-0.467 χ^2/NDF : 12407379.8/25

Out: 114.454±/-0.078 χ^2/NDF : 28239934.9/28

All: 162.331±/-0.077 χ^2/NDF : 54170730.5/54

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 38.358+/-1787.717 χ^2/NDF : 4.9/8

Left: 410.084+/-1218.523 χ^2/NDF : 13.0/19

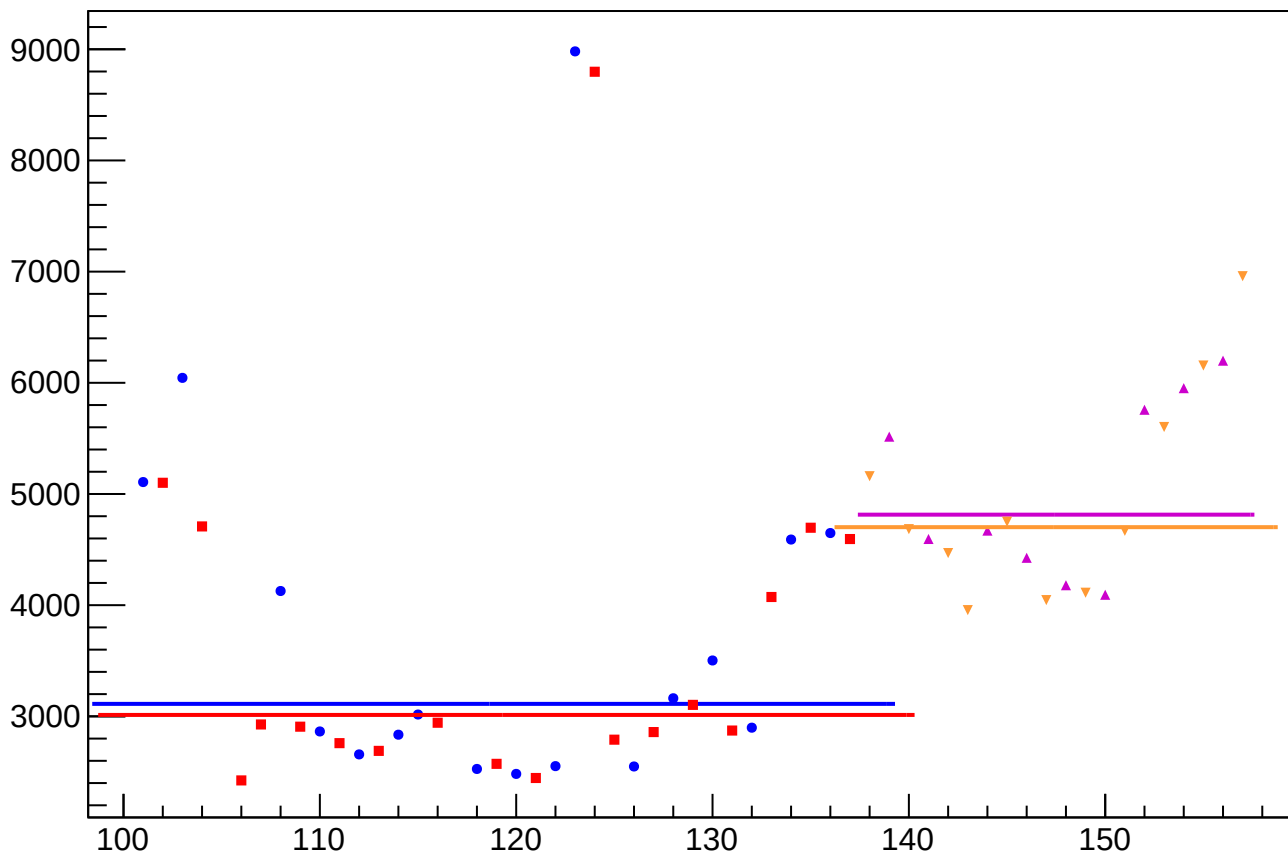
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -471.303+/-1025.802 χ^2/NDF : 19.8/25

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

All: -415.914+/-705.026 χ^2/NDF : 43.3/54

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4814.082+/-1.264 χ^2/NDF : 317580.3/8

Left: 4753.866+/-0.862 χ^2/NDF : 753691.9/19

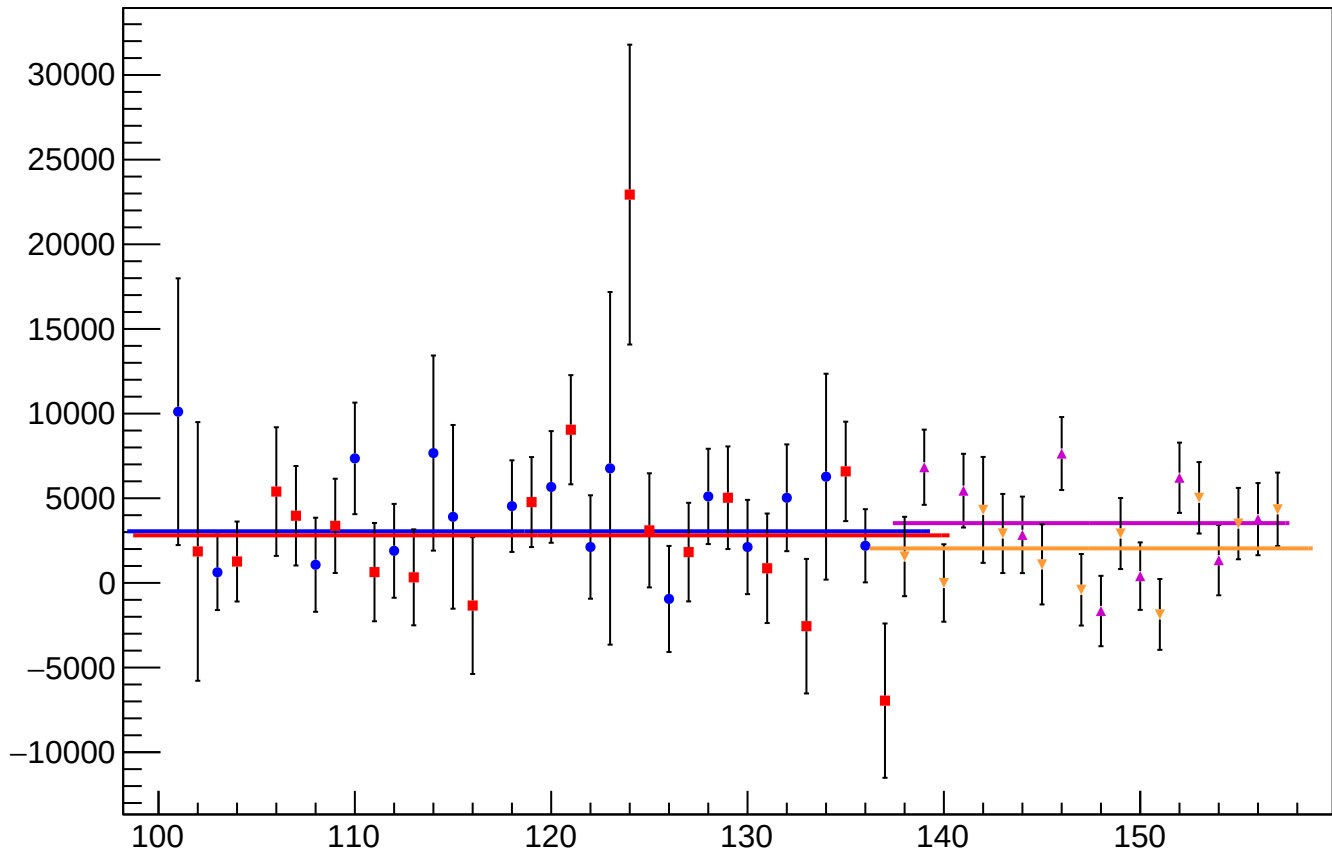
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3672.567+/-0.725 χ^2/NDF : 2491802.1/25

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

All: 3621.725+/-0.496 χ^2/NDF : 5076979.3/54

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2038.146 $\pm$ 677.577 χ^2/NDF : 10.3/10

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

Left In: 3530.881 $\pm$ 708.401 χ^2/NDF : 18.2/8

Left: 2751.332 $\pm$ 489.654 χ^2/NDF : 30.8/19

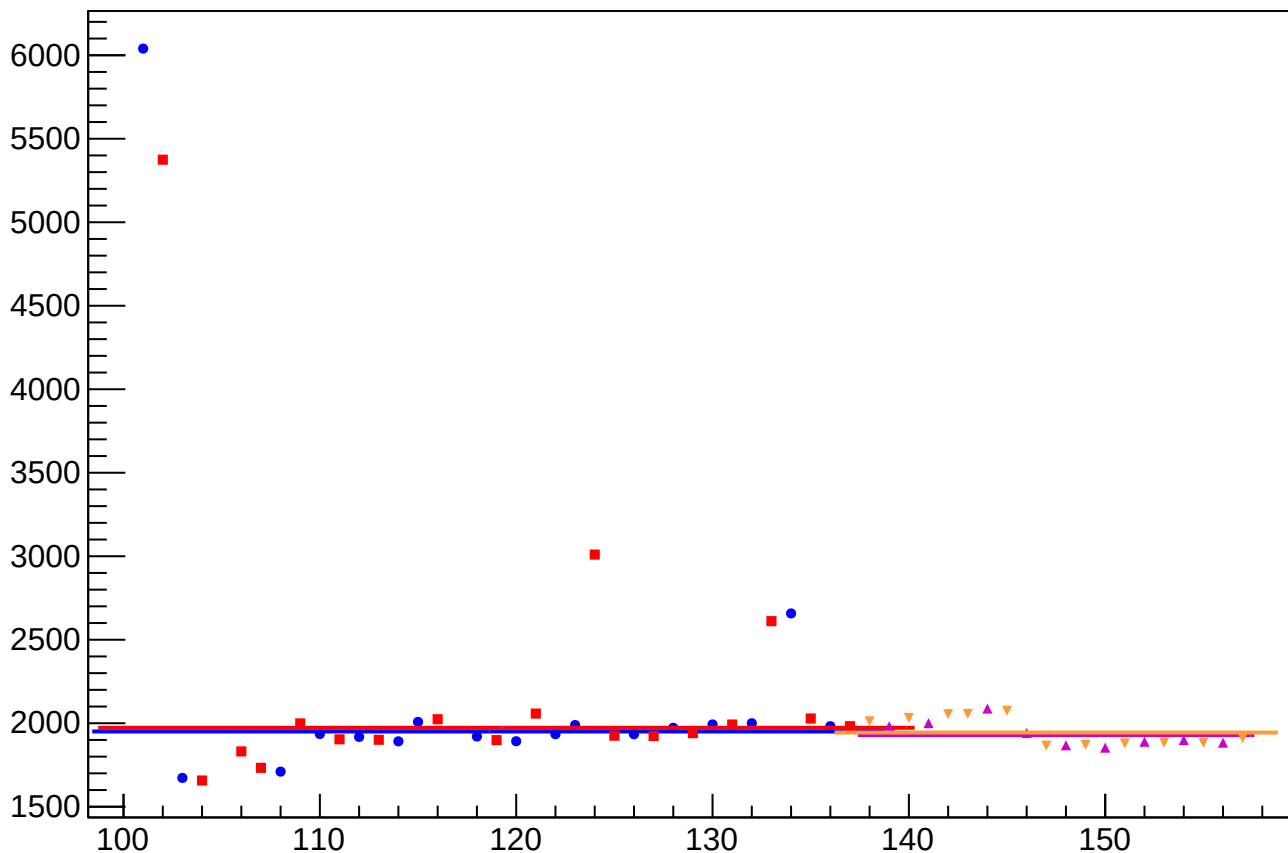
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3310.742 $\pm$ 522.052 χ^2/NDF : 27.7/25

Out: 2376.478 $\pm$ 507.577 χ^2/NDF : 32.9/28

All: 2830.478 $\pm$ 363.921 χ^2/NDF : 62.2/54

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1944.243 $\pm$ 0.479 χ^2 /NDF: 28587.4/10

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

Left In: 1929.319 $\pm$ 0.501 χ^2 /NDF: 19887.1/8

Left: 1937.113 $\pm$ 0.346 χ^2 /NDF: 48938.0/19

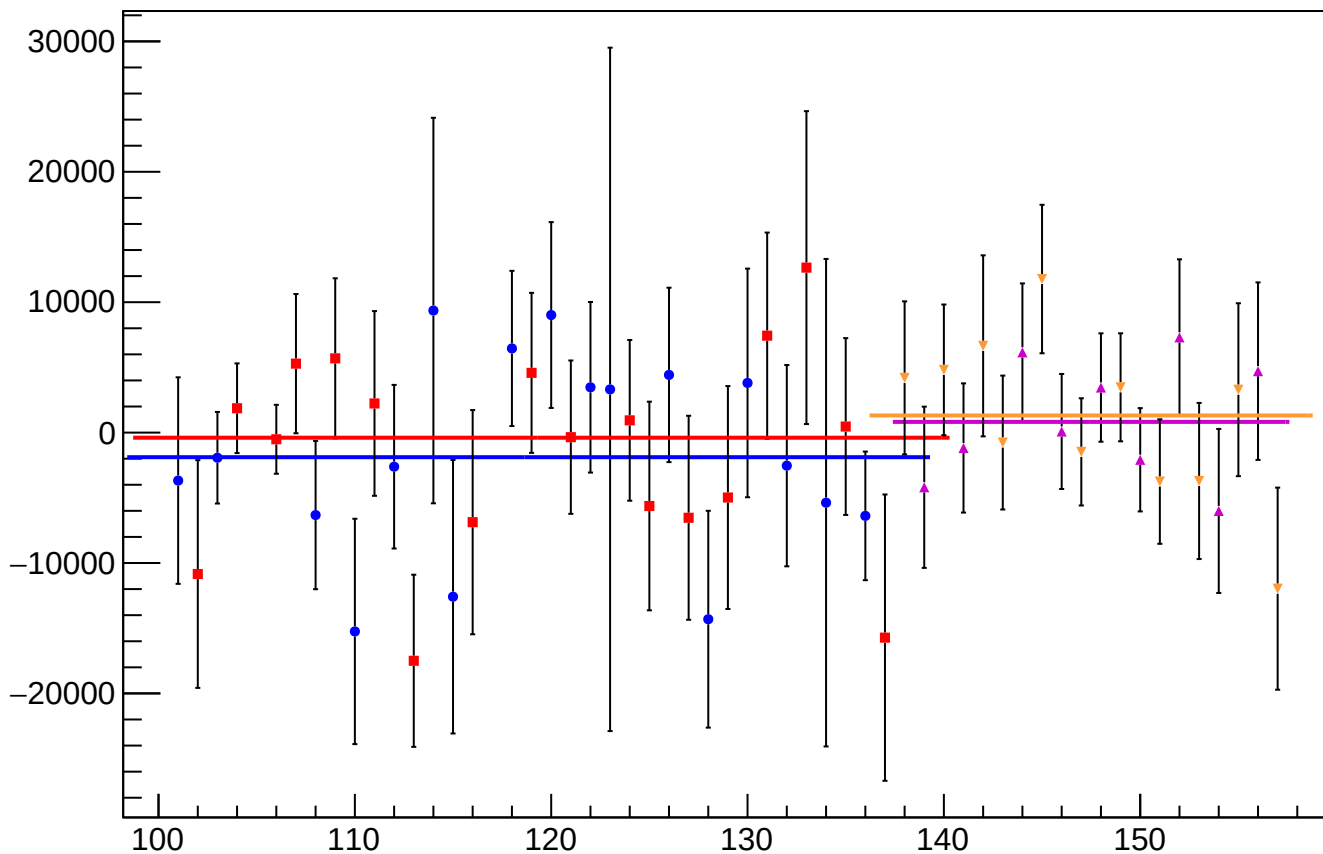
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1939.085 $\pm$ 0.369 χ^2 /NDF: 635884.1/25

Out: 1956.751 $\pm$ 0.359 χ^2 /NDF: 565809.5/28

All: 1948.168 $\pm$ 0.257 χ^2 /NDF: 1202871.2/54

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 821.631 $\pm$ 1689.014 χ^2/NDF : 5.5/8

Left: 1079.574 $\pm$ 1164.352 χ^2/NDF : 16.0/19

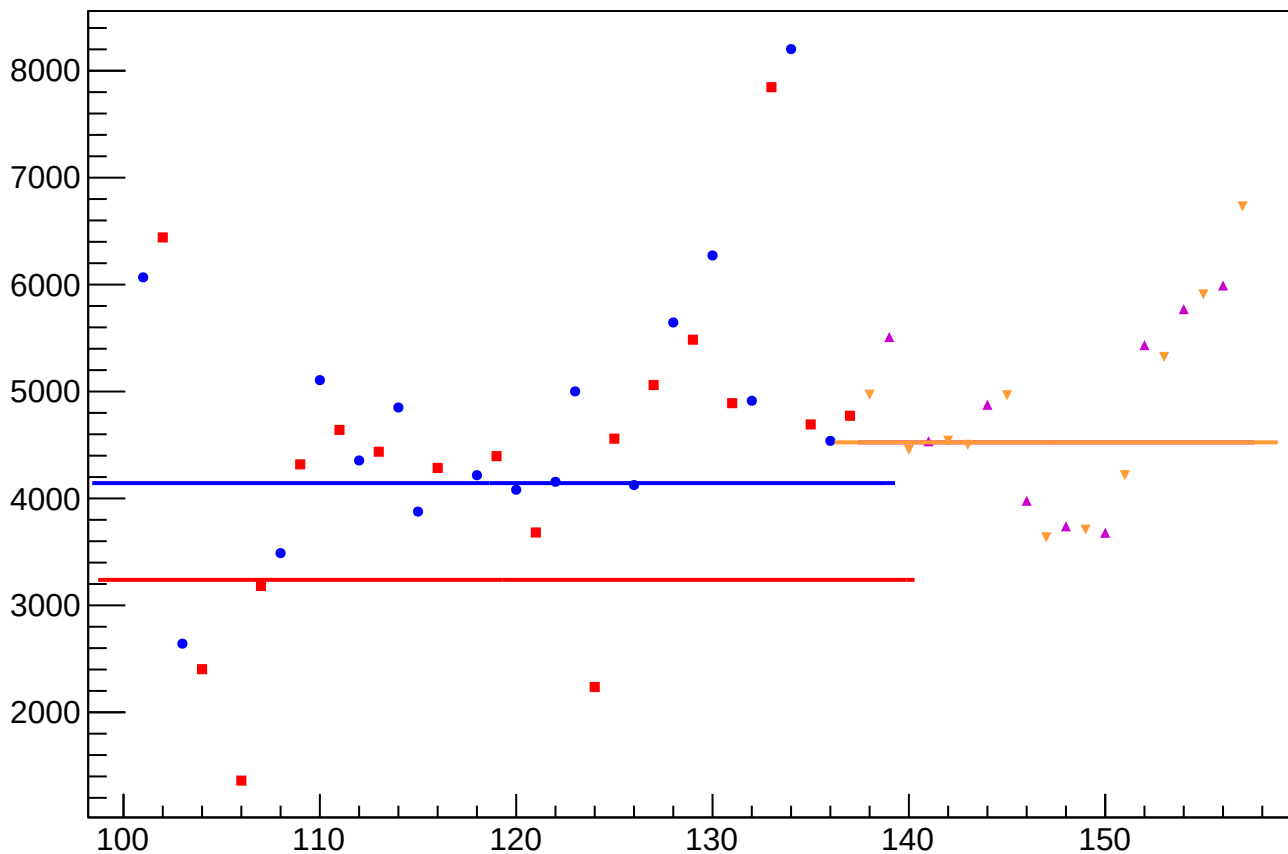
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

In: -556.925 $\pm$ 1183.188 χ^2/NDF : 20.9/25

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

All: -61.339 $\pm$ 780.697 χ^2/NDF : 49.9/54

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4524.268 $\pm$ 1.194 χ^2 /NDF: 470568.1/8

Left: 4524.431 $\pm$ 0.823 χ^2 /NDF: 958854.0/19

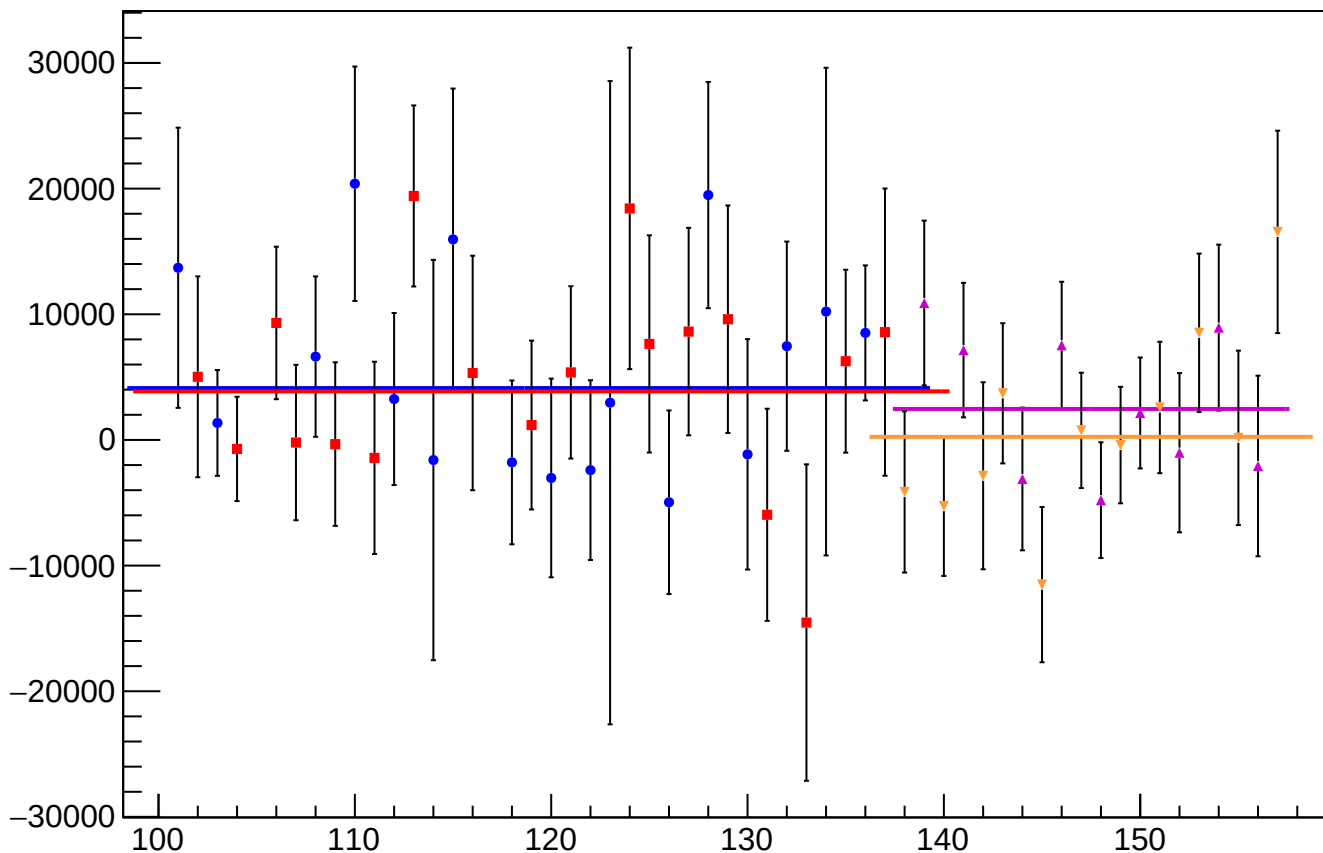
Right: 3603.092 $\pm$ 0.744 χ^2 /NDF: 3793704.0/34

In: 4330.343 $\pm$ 0.837 χ^2 /NDF: 1378311.4/25

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

All: 4017.298 $\pm$ 0.552 χ^2 /NDF: 5441848.9/54

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 245.761+/-1753.952 χ^2/NDF : 11.7/10

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

Left In: 2467.425+/-1844.046 χ^2/NDF : 8.5/8

Left: 1300.997+/-1270.889 χ^2/NDF : 21.0/19

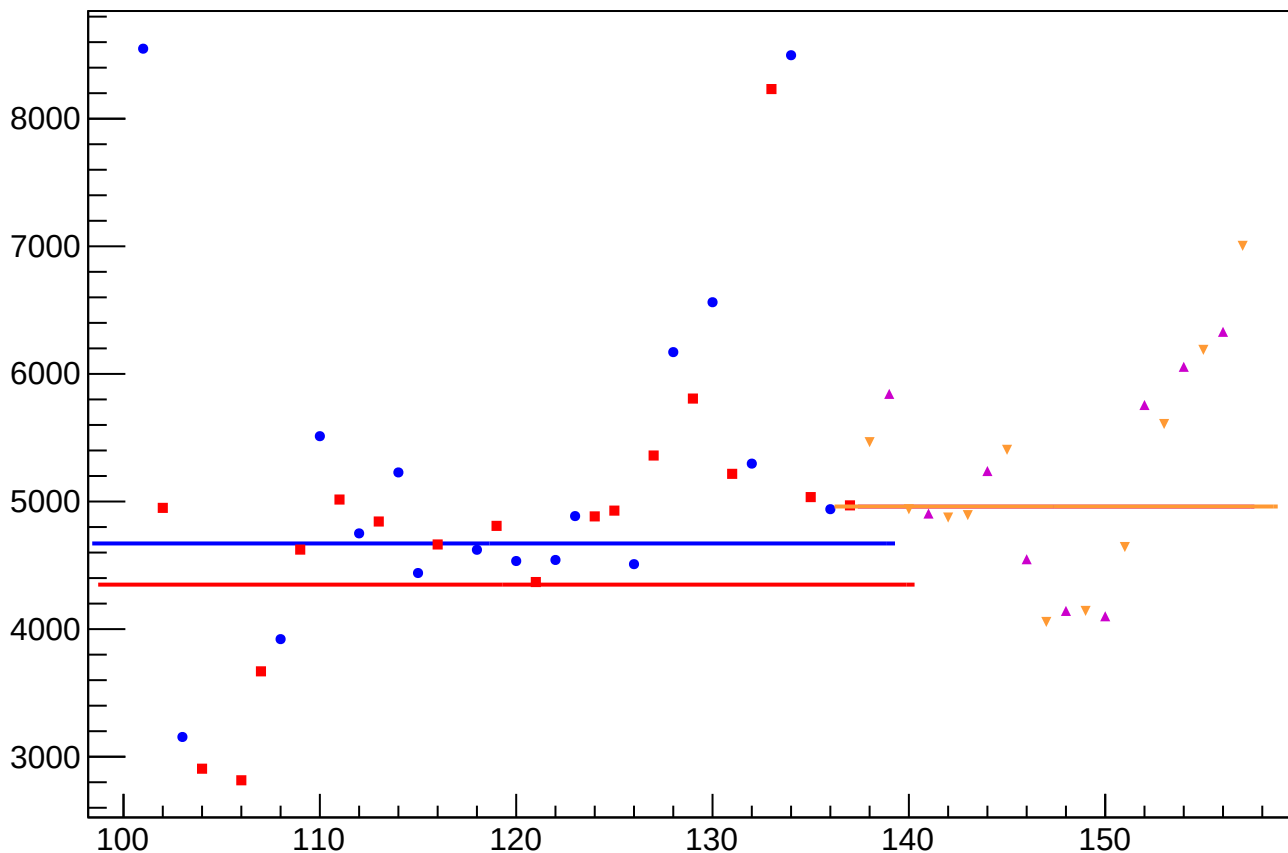
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3288.518+/-1310.609 χ^2/NDF : 22.6/25

Out: 2083.645+/-1230.767 χ^2/NDF : 28.1/28

All: 2648.266+/-897.183 χ^2/NDF : 51.2/54

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319 $\pm$ 1.317 χ^2/NDF : 786112.0/16

Left Out: 4960.897 $\pm$ 1.240 χ^2/NDF : 383051.6/10

Right Out: 4348.716 $\pm$ 1.214 χ^2/NDF : 792425.3/17

Left In: 4960.050 $\pm$ 1.304 χ^2/NDF : 352905.1/8

Left: 4960.495 $\pm$ 0.899 χ^2/NDF : 735956.9/19

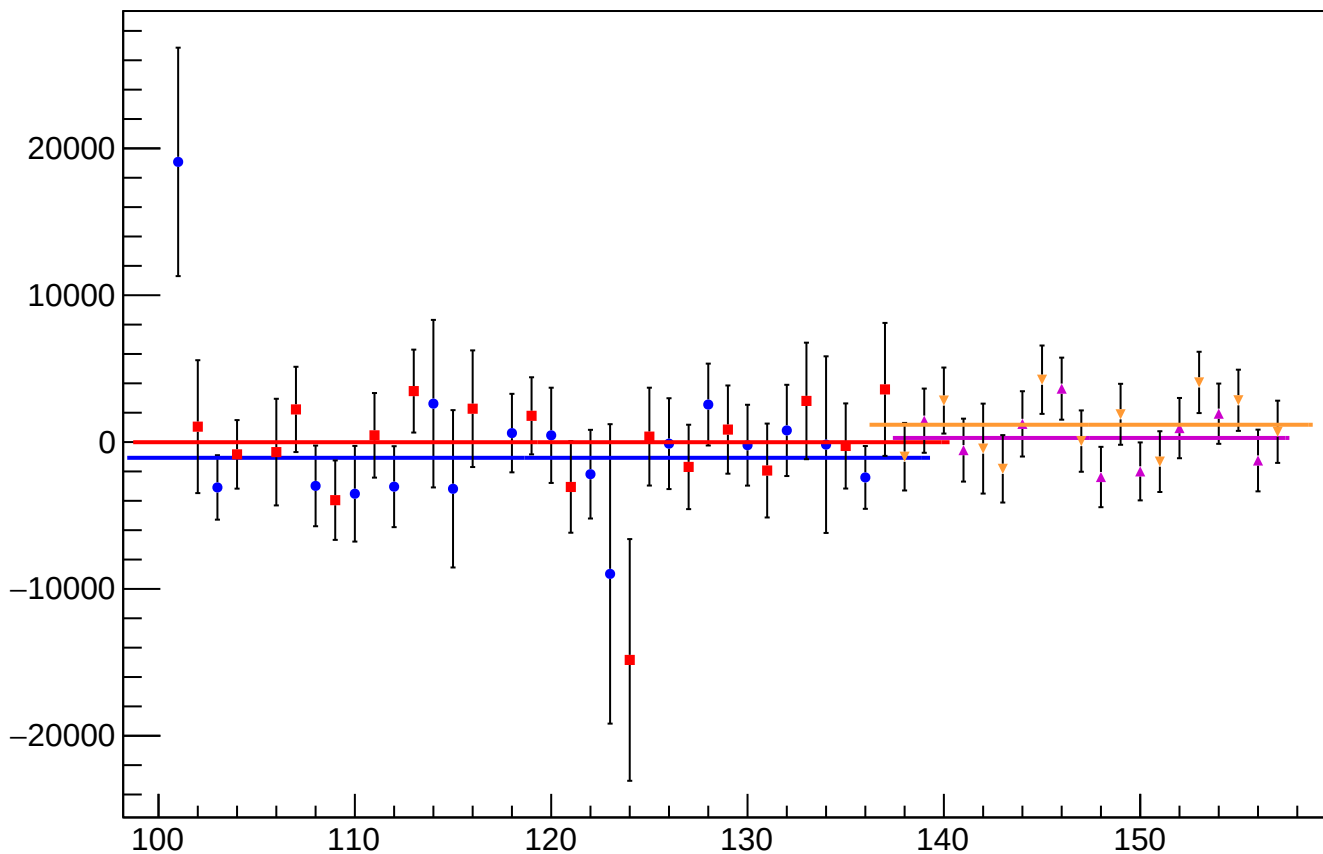
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4817.165 $\pm$ 0.927 χ^2/NDF : 1163281.1/25

Out: 4648.376 $\pm$ 0.868 χ^2/NDF : 1299857.7/28

All: 4727.225 $\pm$ 0.633 χ^2/NDF : 2480814.9/54

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1180.017 ± 667.388 $\chi^2/\text{NDF}: 9.6/10$

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

Left In: 280.972 ± 698.713 $\chi^2/\text{NDF}: 7.4/8$

Left: 751.099 ± 482.609 $\chi^2/\text{NDF}: 17.9/19$

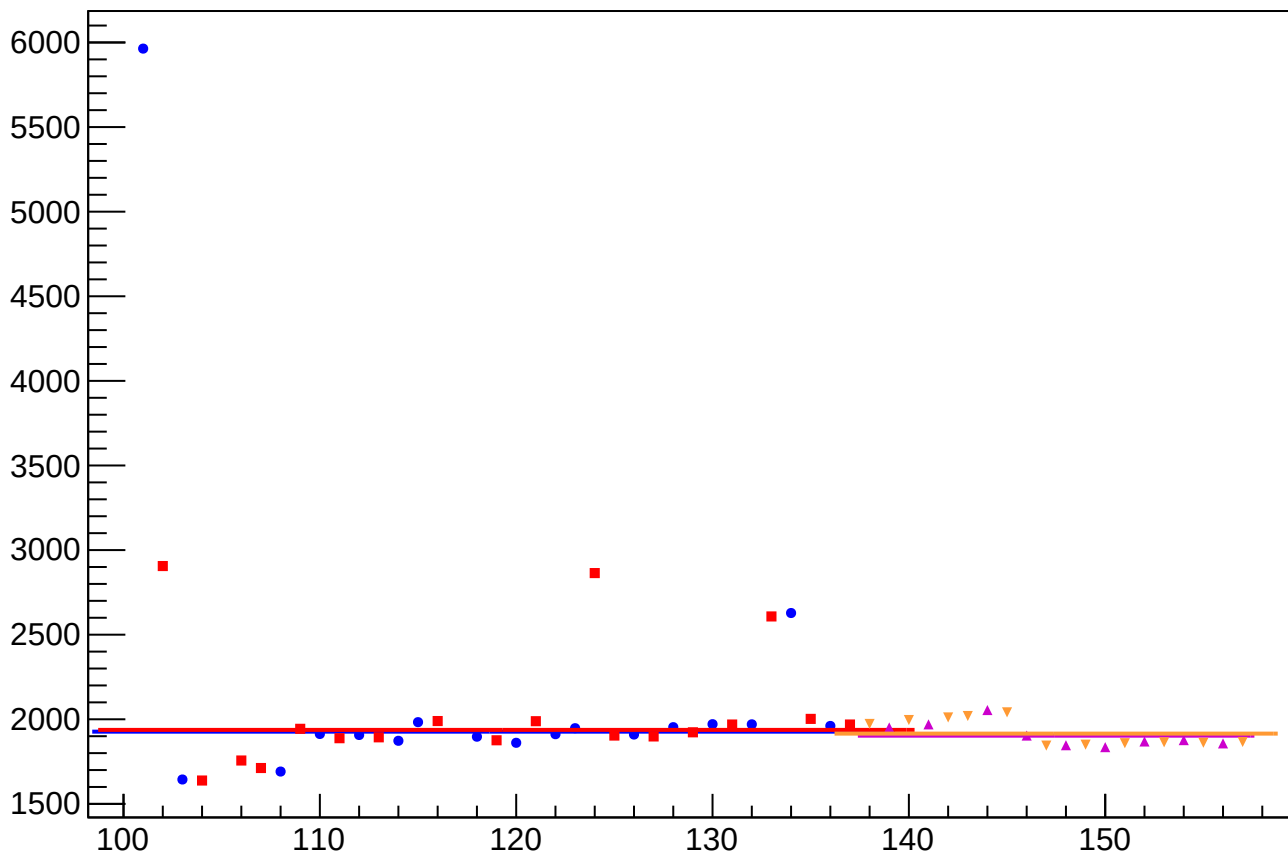
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -335.809 ± 515.287 $\chi^2/\text{NDF}: 22.9/25$

Out: 653.121 ± 498.012 $\chi^2/\text{NDF}: 22.5/28$

All: 175.510 ± 358.099 $\chi^2/\text{NDF}: 47.2/54$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1903.169+/-0.494 χ^2/NDF : 17916.9/8

Left: 1909.514+/-0.341 χ^2/NDF : 43335.2/19

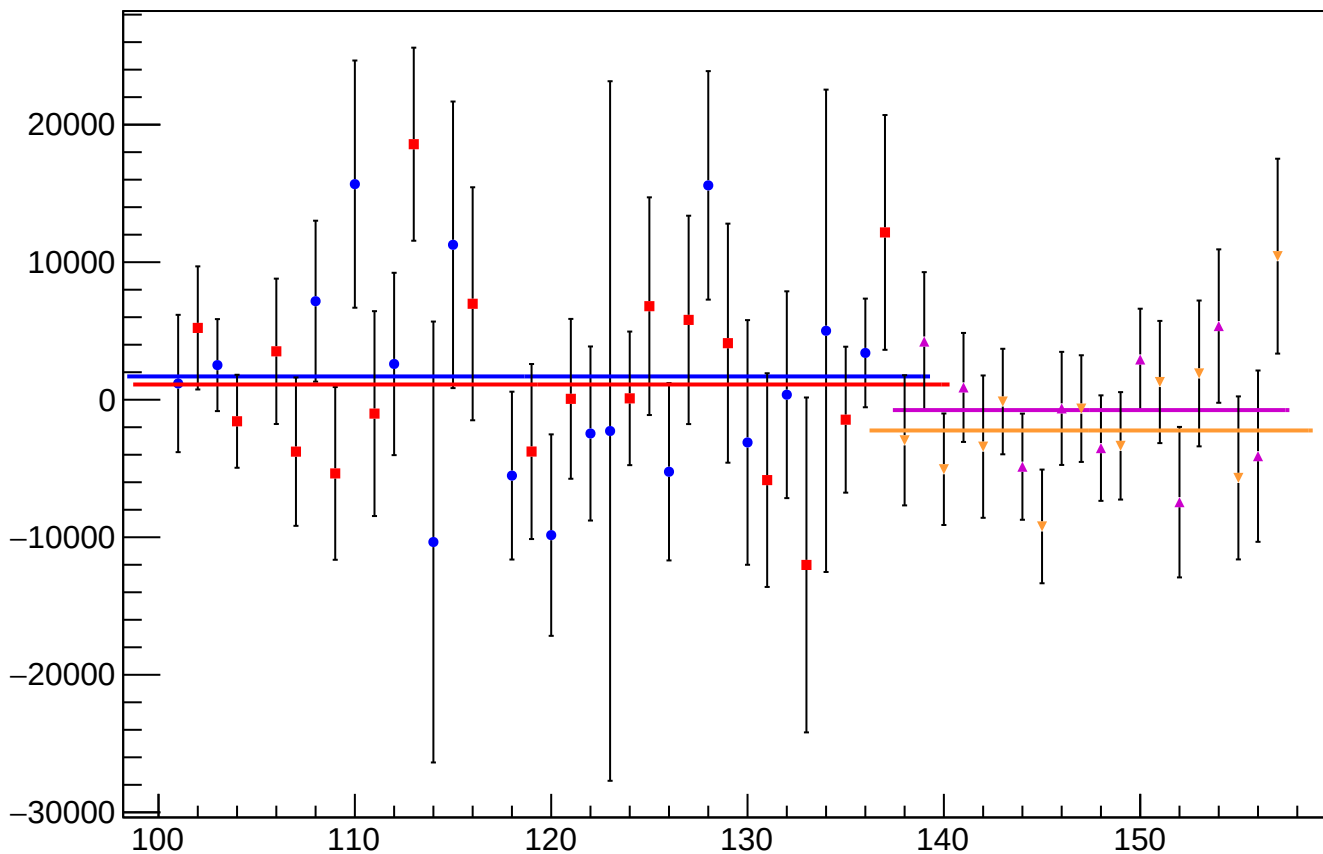
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1913.989+/-0.364 χ^2/NDF : 636084.6/25

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

All: 1919.710+/-0.253 χ^2/NDF : 891705.6/54

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2235.595 $\pm$ 1365.866 χ^2/NDF : 8.7/10

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

Left In: -753.325 $\pm$ 1471.351 χ^2/NDF : 6.8/8

Left: -1549.494 $\pm$ 1001.029 χ^2/NDF : 16.1/19

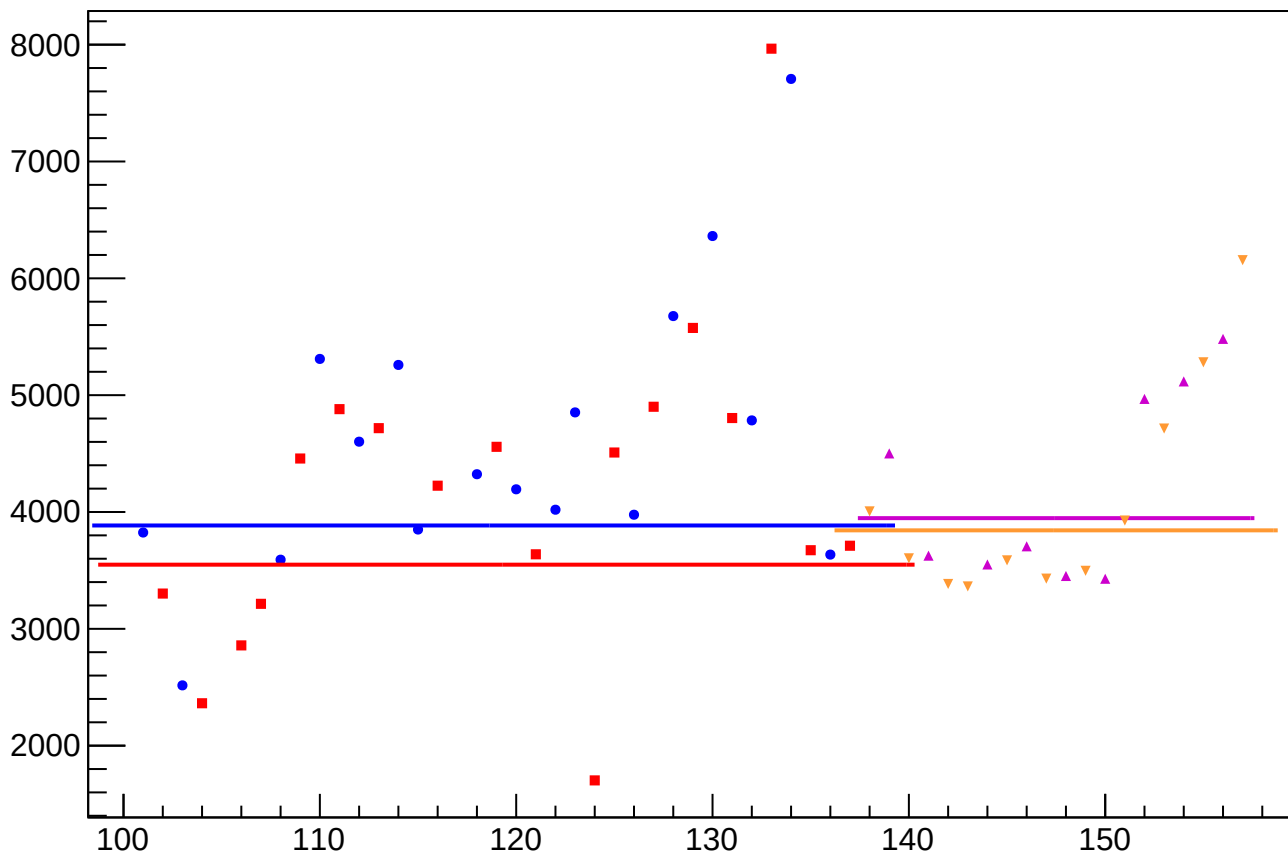
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

In: 405.131 $\pm$ 1067.757 χ^2/NDF : 21.7/25

Out: -620.174 $\pm$ 981.952 χ^2/NDF : 27.5/28

All: -150.368 $\pm$ 722.778 χ^2/NDF : 49.7/54

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3842.933+/-0.966 χ^2/NDF : 488121.3/10

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 3947.375+/-1.040 χ^2/NDF : 417029.2/8

Left: 3891.276+/-0.708 χ^2/NDF : 910563.3/19

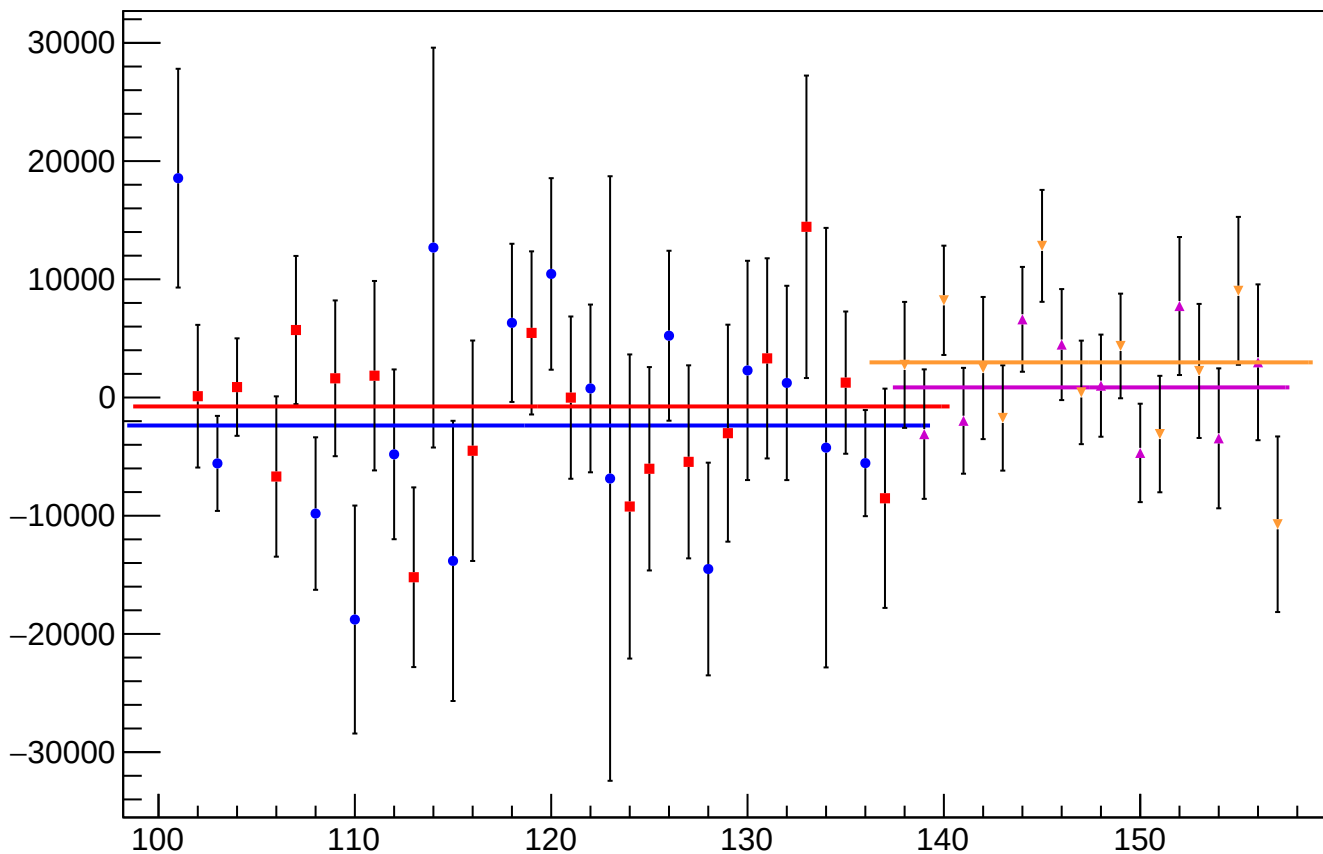
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3917.661+/-0.755 χ^2/NDF : 1245316.1/25

Out: 3700.984+/-0.694 χ^2/NDF : 1859778.5/28

All: 3800.268+/-0.511 χ^2/NDF : 3149715.9/54

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 856.484 $\pm$ 1640.415 χ^2 /NDF:7.0/8

Left: 1984.364 $\pm$ 1121.227 χ^2 /NDF: 20.9/19

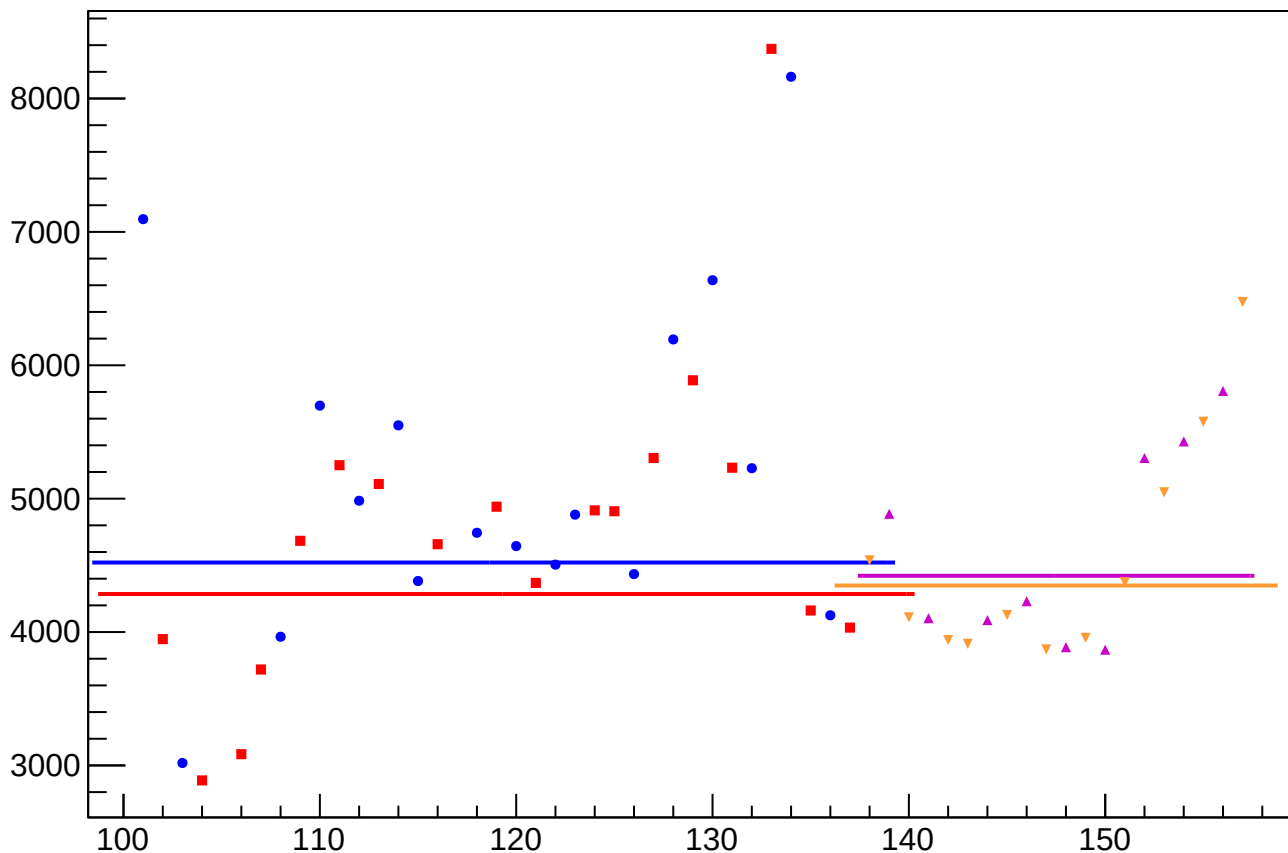
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -604.572 $\pm$ 1213.043 χ^2 /NDF:28.9/25

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

All: 403.283 $\pm$ 829.805 χ^2 /NDF: 56.4/54

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4421.863 $\pm$ 1.160 χ^2/NDF : 297131.5/8

Left: 4382.927 $\pm$ 0.793 χ^2/NDF : 651005.6/19

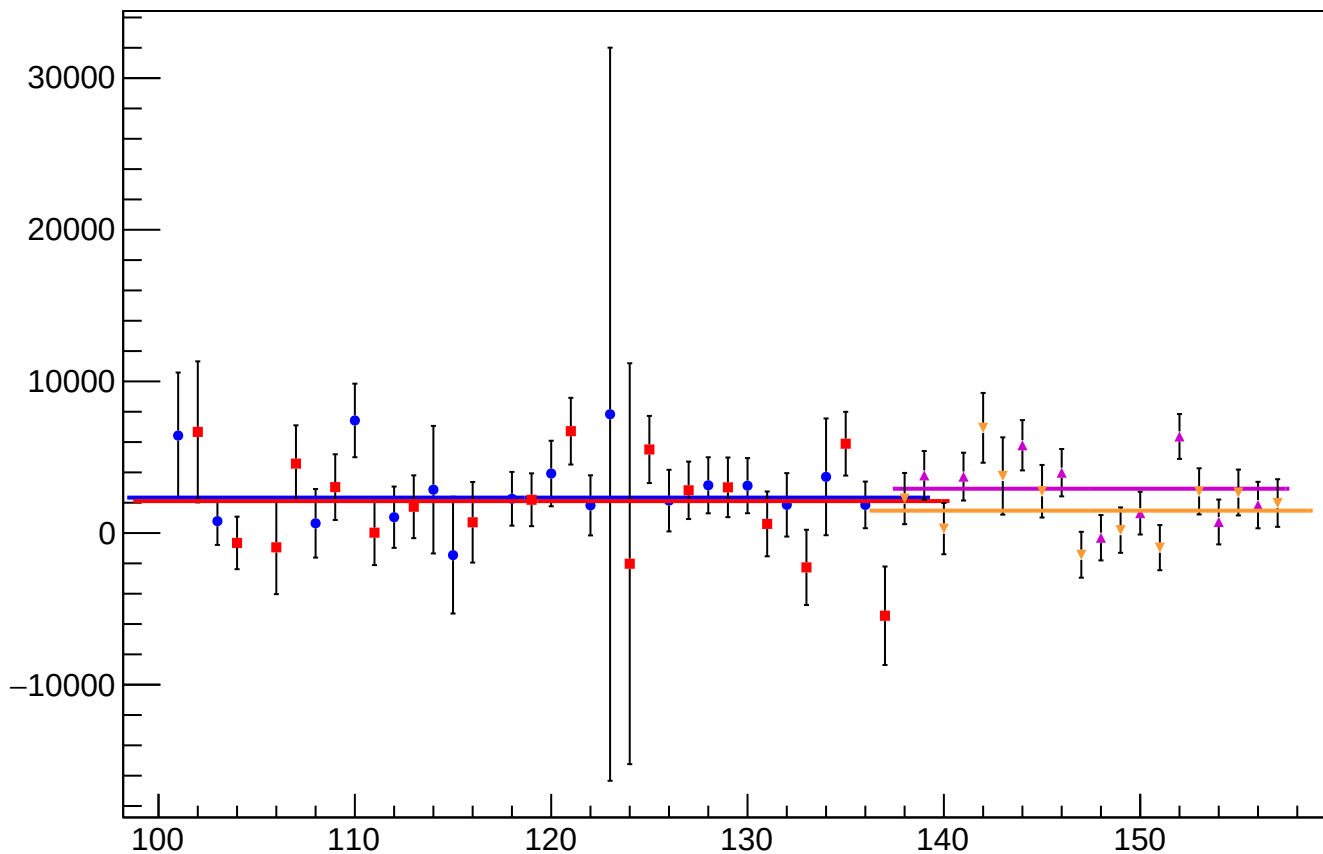
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4466.894 $\pm$ 0.858 χ^2/NDF : 1079132.2/25

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

All: 4388.471 $\pm$ 0.586 χ^2/NDF : 2194529.9/54

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2923.014 $\pm$ 509.336 χ^2 /NDF:18.1/8

Left: 2188.594 $\pm$ 357.137 χ^2 /NDF: 38.4/19

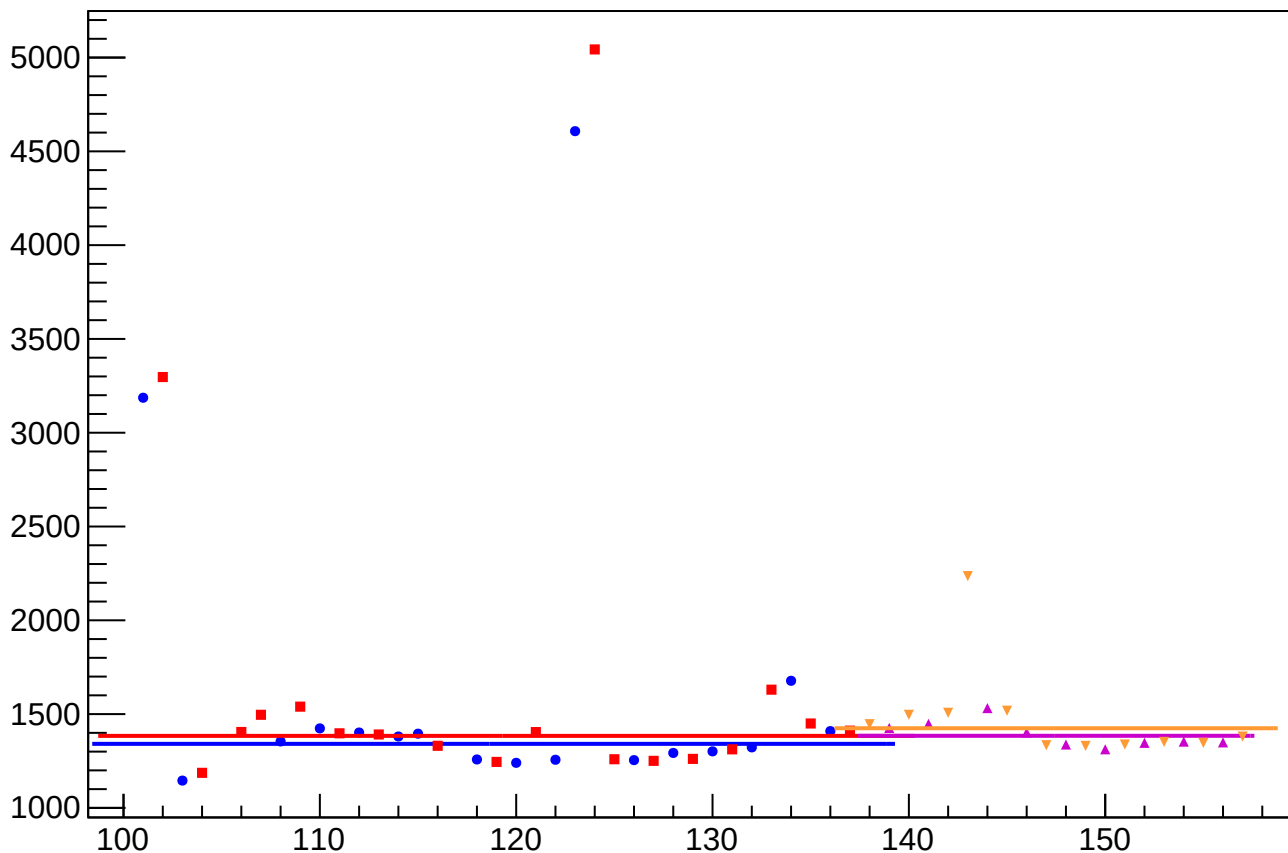
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2642.266 $\pm$ 367.619 χ^2 /NDF:28.4/25

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

All: 2205.205 $\pm$ 259.767 χ^2 /NDF: 74.5/54

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1424.597 ± 0.354 $\chi^2/\text{NDF}: 248173.6/10$

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

Left In: 1384.316 ± 0.360 $\chi^2/\text{NDF}: 31121.2/8$

Left: 1404.793 ± 0.253 $\chi^2/\text{NDF}: 285653.8/19$

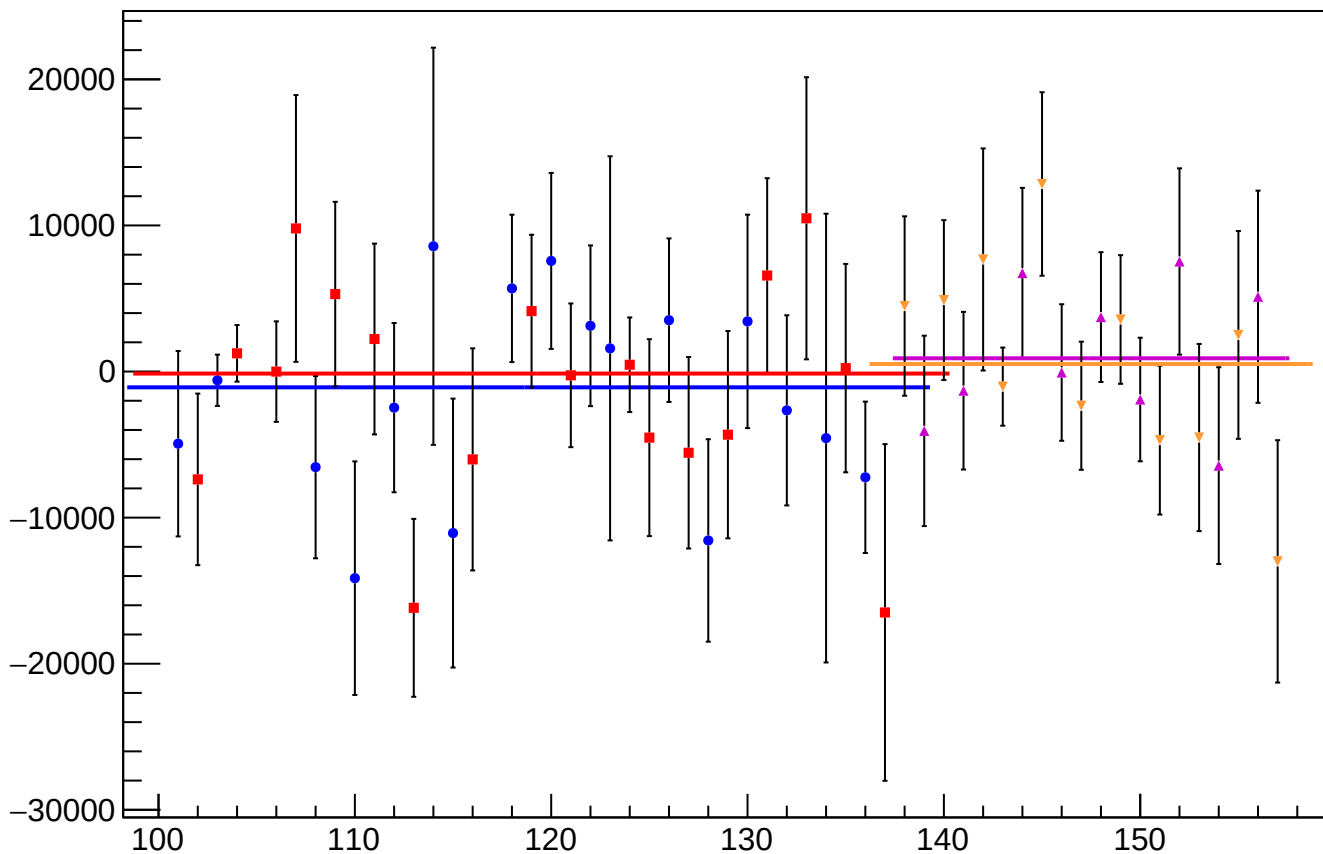
Right: 1362.318 ± 0.268 $\chi^2/\text{NDF}: 1104435.3/34$

In: 1363.744 ± 0.260 $\chi^2/\text{NDF}: 542203.7/25$

Out: 1405.759 ± 0.260 $\chi^2/\text{NDF}: 848128.7/28$

All: 1384.785 ± 0.184 $\chi^2/\text{NDF}: 1403415.0/54$

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 906.323+/-1809.958 χ^2/NDF : 5.2/8

Left: 673.863+/-1155.943 χ^2/NDF : 16.7/19

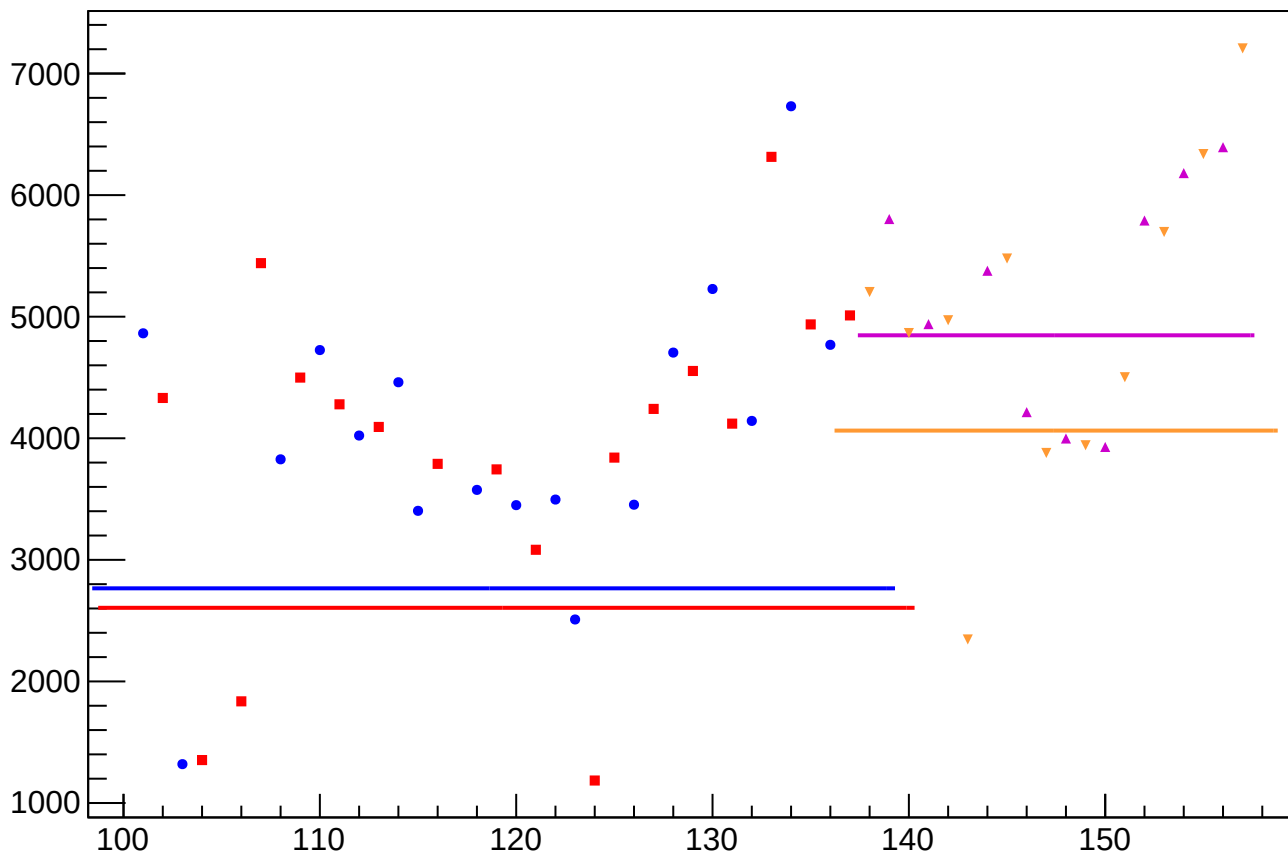
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -465.515+/-1007.285 χ^2/NDF : 21.1/25

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

All: -153.658+/-672.245 χ^2/NDF : 50.8/54

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4846.906+/-1.280 χ^2/NDF : 477166.5/8

Left: 4382.856+/-0.817 χ^2/NDF : 2408122.5/19

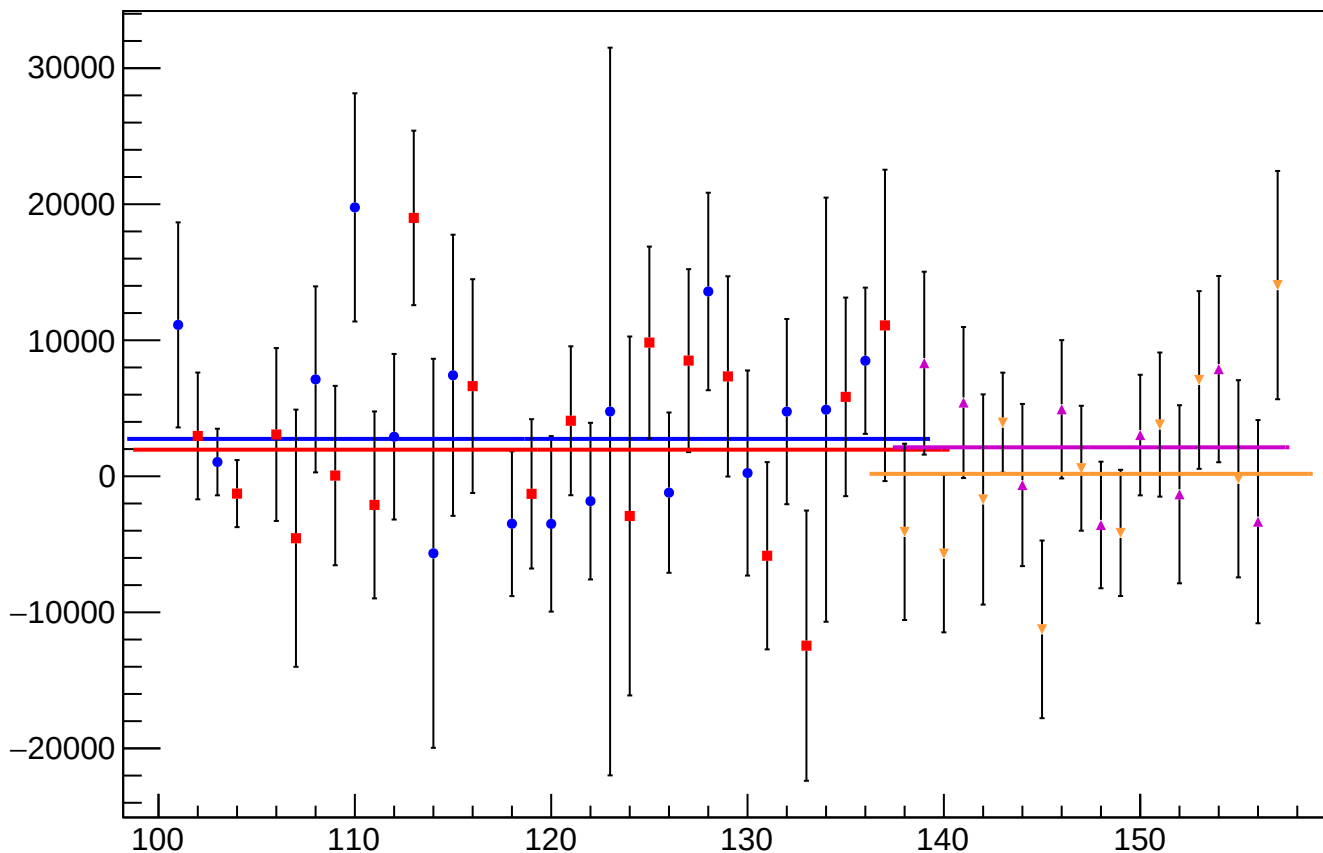
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3410.315+/-0.712 χ^2/NDF : 5241548.4/25

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

All: 3255.889+/-0.475 χ^2/NDF : 11560721.6/5

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

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

Left In: 2130.650+/-1885.869 χ^2/NDF : 4.8/8

Left: 1043.113+/-1254.731 χ^2/NDF : 16.2/19

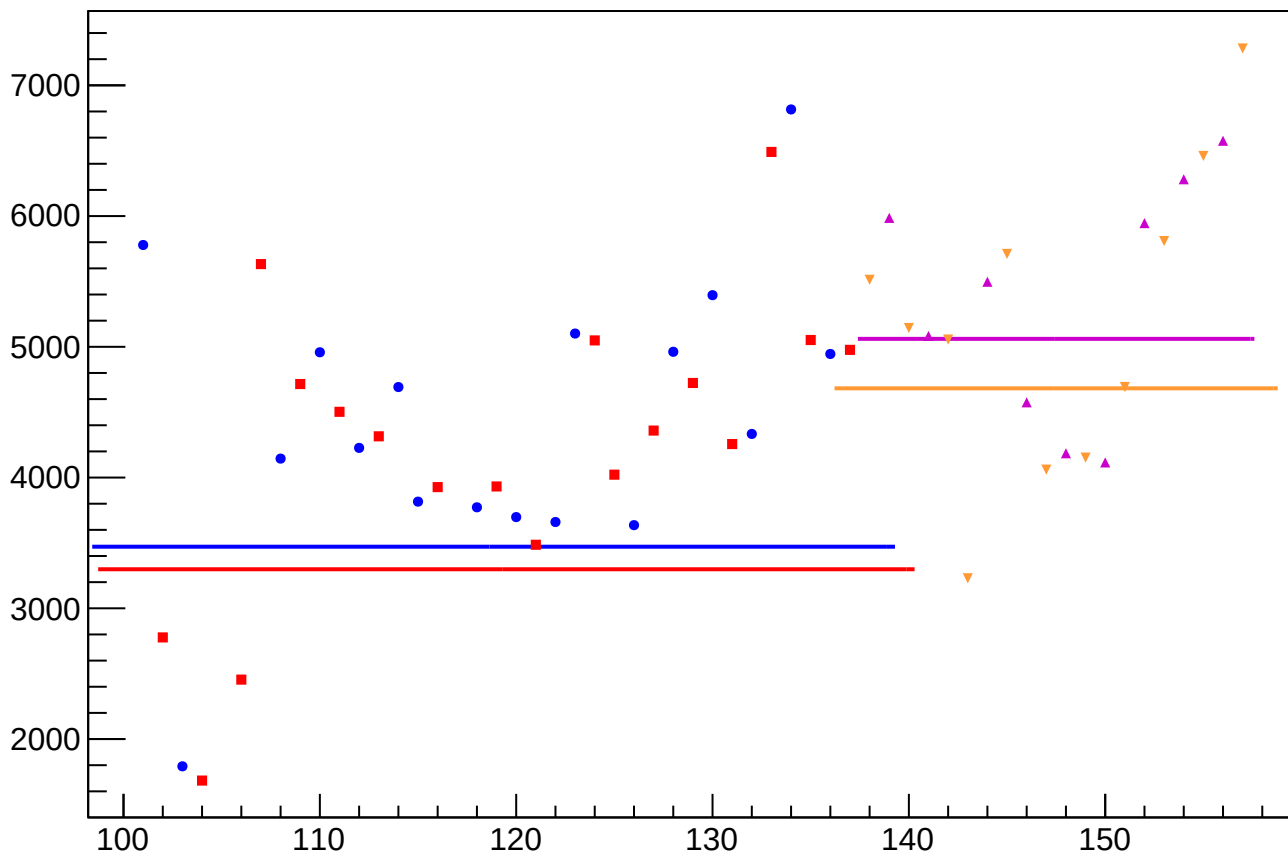
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2519.480+/-1147.825 χ^2/NDF : 18.6/25

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

All: 1832.864+/-782.095 χ^2/NDF : 48.6/54

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5060.895+/-1.334 χ^2/NDF : 411167.2/8

Left: 4850.006+/-0.887 χ^2/NDF : 1302270.9/19

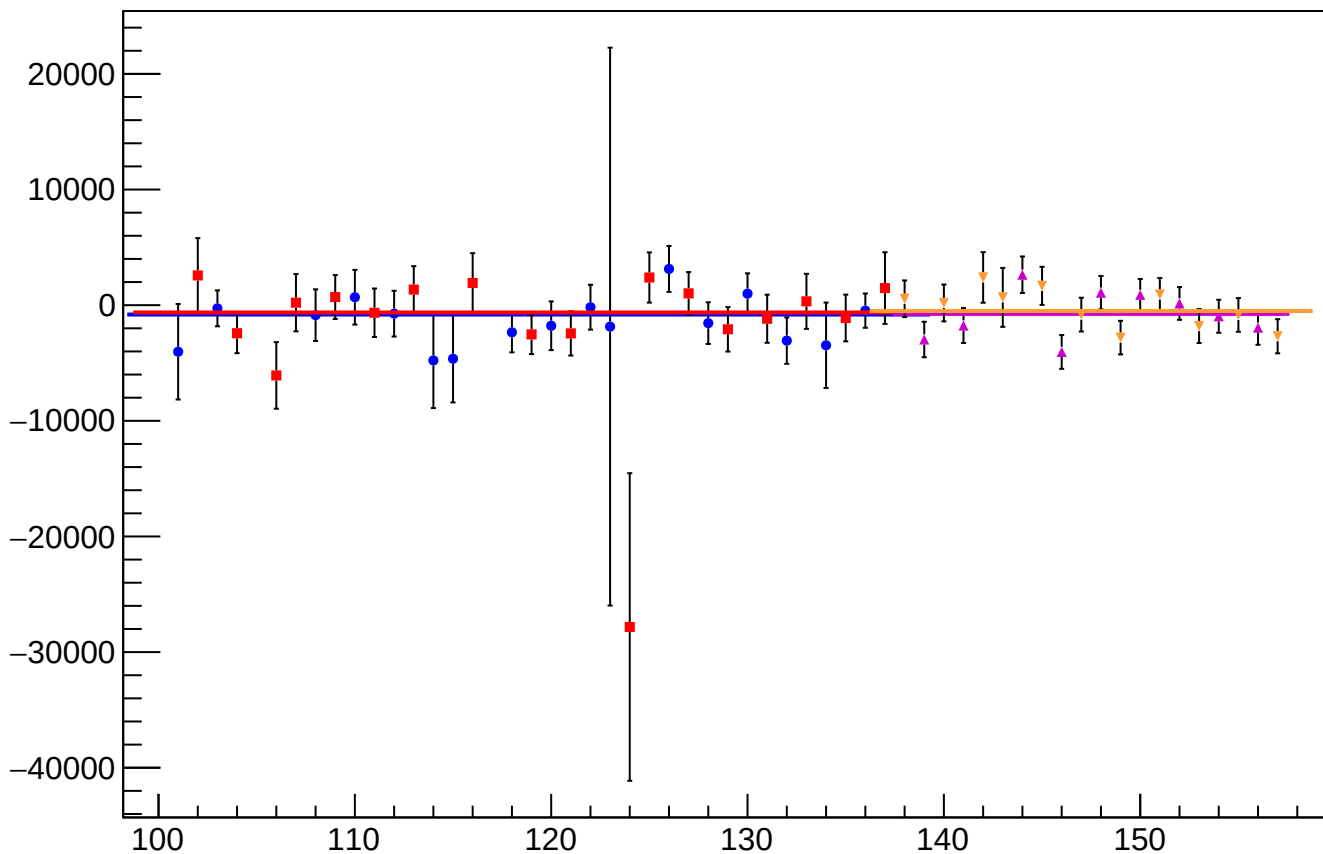
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4060.053+/-0.812 χ^2/NDF : 3073803.6/25

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

All: 3947.949+/-0.551 χ^2/NDF : 6655338.4/54

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -507.507+/-479.372 χ^2/NDF : 10.9/10

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

Left In: -754.668+/-488.180 χ^2/NDF : 16.4/8

Left: -628.838+/-342.039 χ^2/NDF : 27.4/19

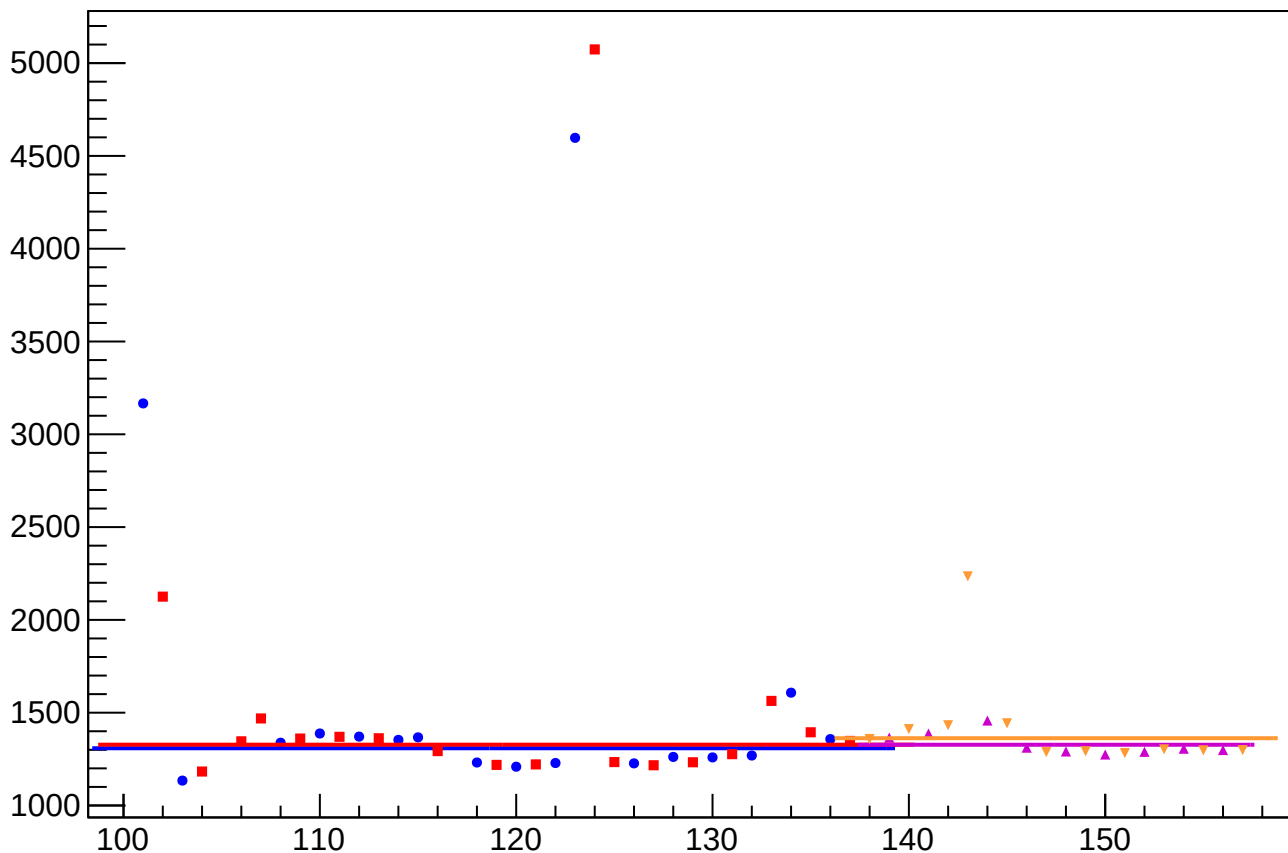
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -780.223+/-355.331 χ^2/NDF : 27.6/25

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

All: -671.089+/-249.663 χ^2/NDF : 57.3/54

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: 1362.504+/-0.339 χ^2/NDF : 270463.3/10

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

Left In: 1327.254+/-0.345 χ^2/NDF : 25208.7/8

Left: 1345.200+/-0.242 χ^2/NDF : 300980.7/19

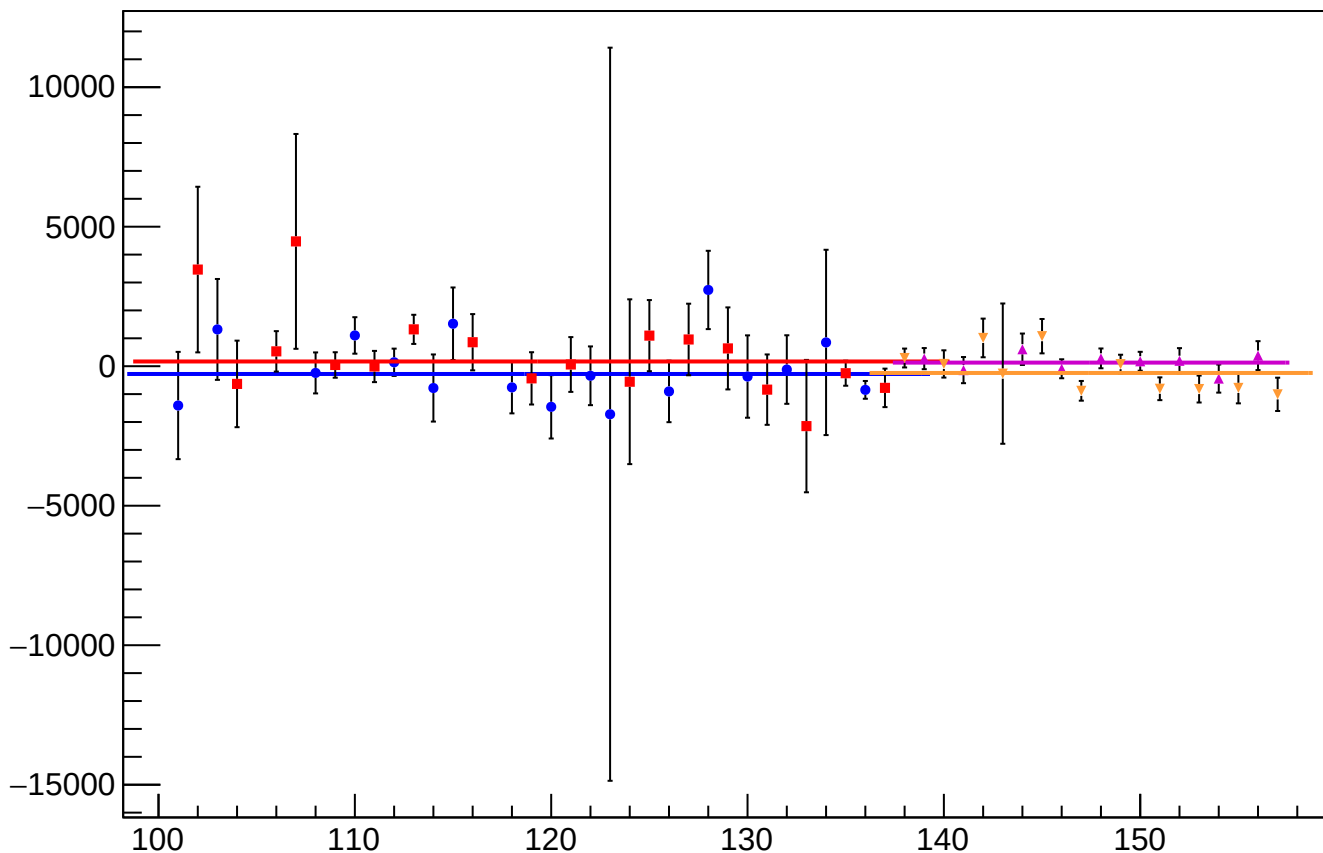
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1318.373+/-0.251 χ^2/NDF : 533161.5/25

Out: 1346.320+/-0.248 χ^2/NDF : 632703.7/28

All: 1332.523+/-0.177 χ^2/NDF : 1172129.5/54

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 $\pm$ 198.123 χ^2 /NDF: 18.0/16

Left Out: -242.058 $\pm$ 140.044 χ^2 /NDF:20.9/10

Right Out: 169.608 $\pm$ 192.488 χ^2 /NDF: 14.4/17

Left In: 128.902 $\pm$ 137.937 χ^2 /NDF:3.4/8

Left: -53.766 $\pm$ 98.273 χ^2 /NDF: 27.8/19

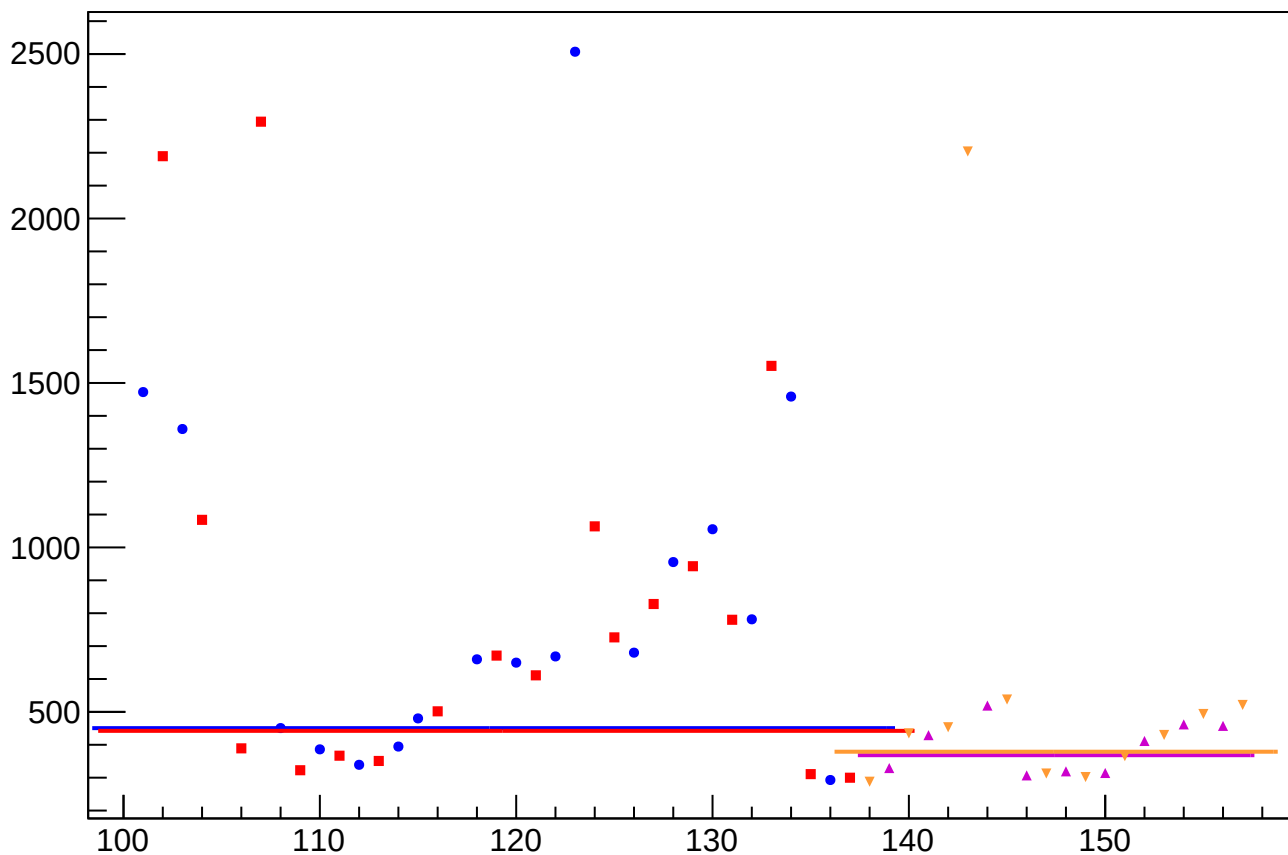
Right: -48.085 $\pm$ 138.058 χ^2 /NDF: 35.0/34

In: -4.173 $\pm$ 113.203 χ^2 /NDF:24.3/25

Out: -99.573 $\pm$ 113.244 χ^2 /NDF:38.3/28

All: -51.856 $\pm$ 80.061 χ^2 /NDF: 62.9/54

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 368.353+/-0.098 χ^2/NDF : 500134.0/8

Left: 373.554+/-0.069 χ^2/NDF : 2285575.4/19

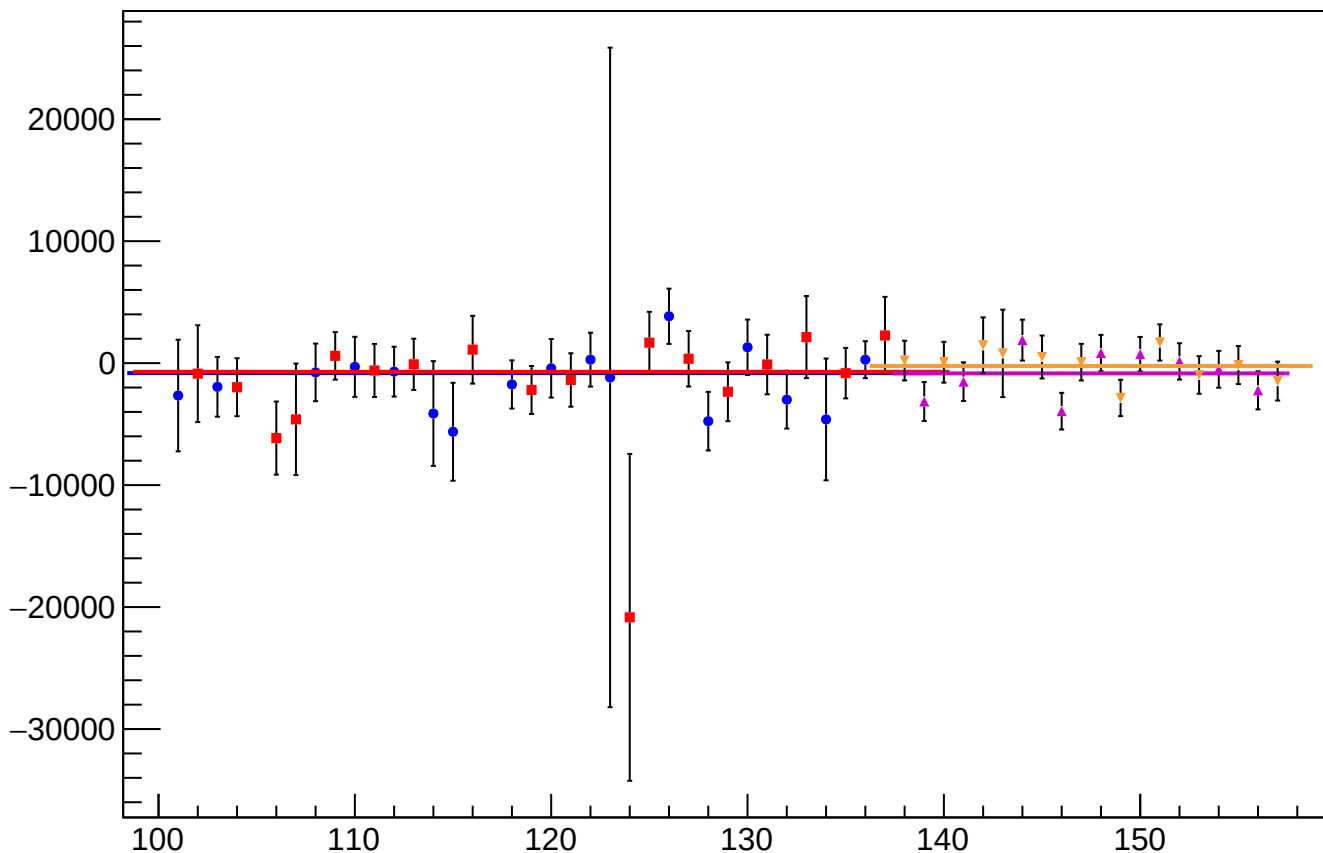
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 395.203+/-0.080 χ^2/NDF : 3729987.7/25

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

All: 398.039+/-0.057 χ^2/NDF : 9022599.5/54

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -235.908+/-506.424 χ^2/NDF : 6.6/10

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

Left In: -841.766+/-509.987 χ^2/NDF : 12.9/8

Left: -536.713+/-359.349 χ^2/NDF : 20.2/19

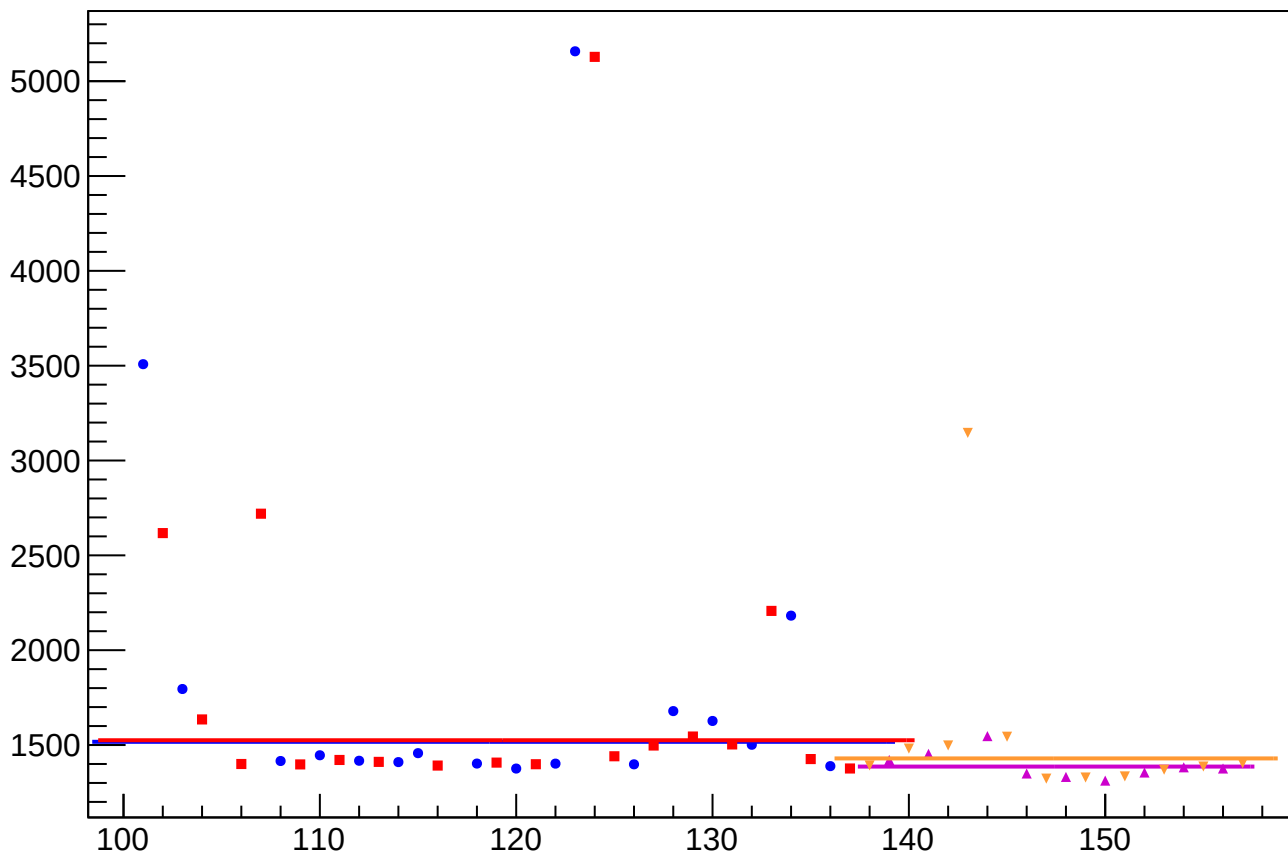
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -831.447+/-388.895 χ^2/NDF : 25.6/25

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

All: -631.670+/-273.939 χ^2/NDF : 44.5/54

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1429.319+/-0.358 χ^2/NDF : 504238.1/10

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

Left In: 1386.320+/-0.361 χ^2/NDF : 33317.6/8

Left: 1407.970+/-0.254 χ^2/NDF : 544714.6/19

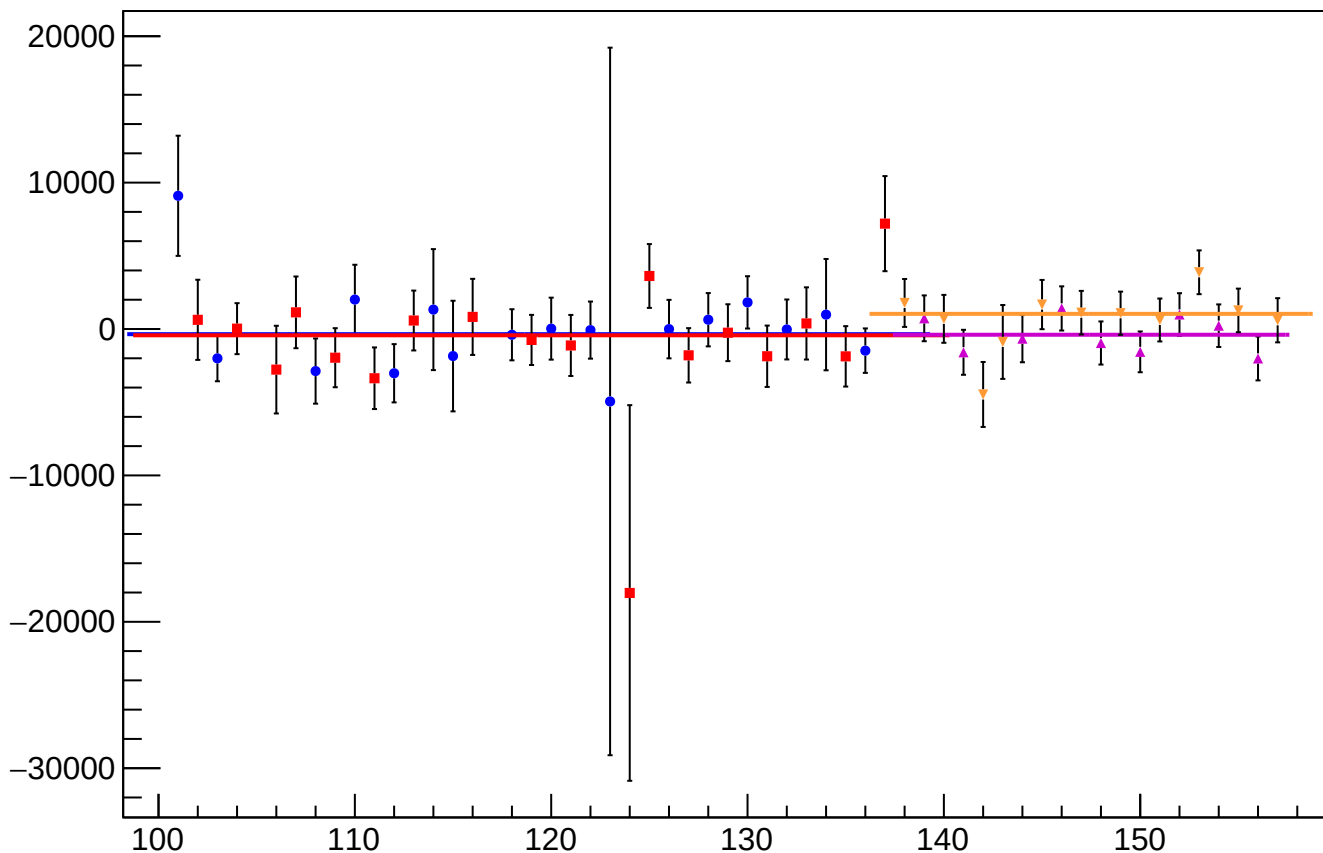
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1440.983+/-0.275 χ^2/NDF : 629261.0/25

Out: 1469.473+/-0.273 χ^2/NDF : 1106159.2/28

All: 1455.337+/-0.194 χ^2/NDF : 1740828.1/54

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 1035.318 ± 489.537 χ^2/NDF : 10.9/10

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

Left In: -392.111 ± 498.534 χ^2/NDF : 5.7/8

Left: 334.599 ± 349.292 χ^2/NDF : 20.8/19

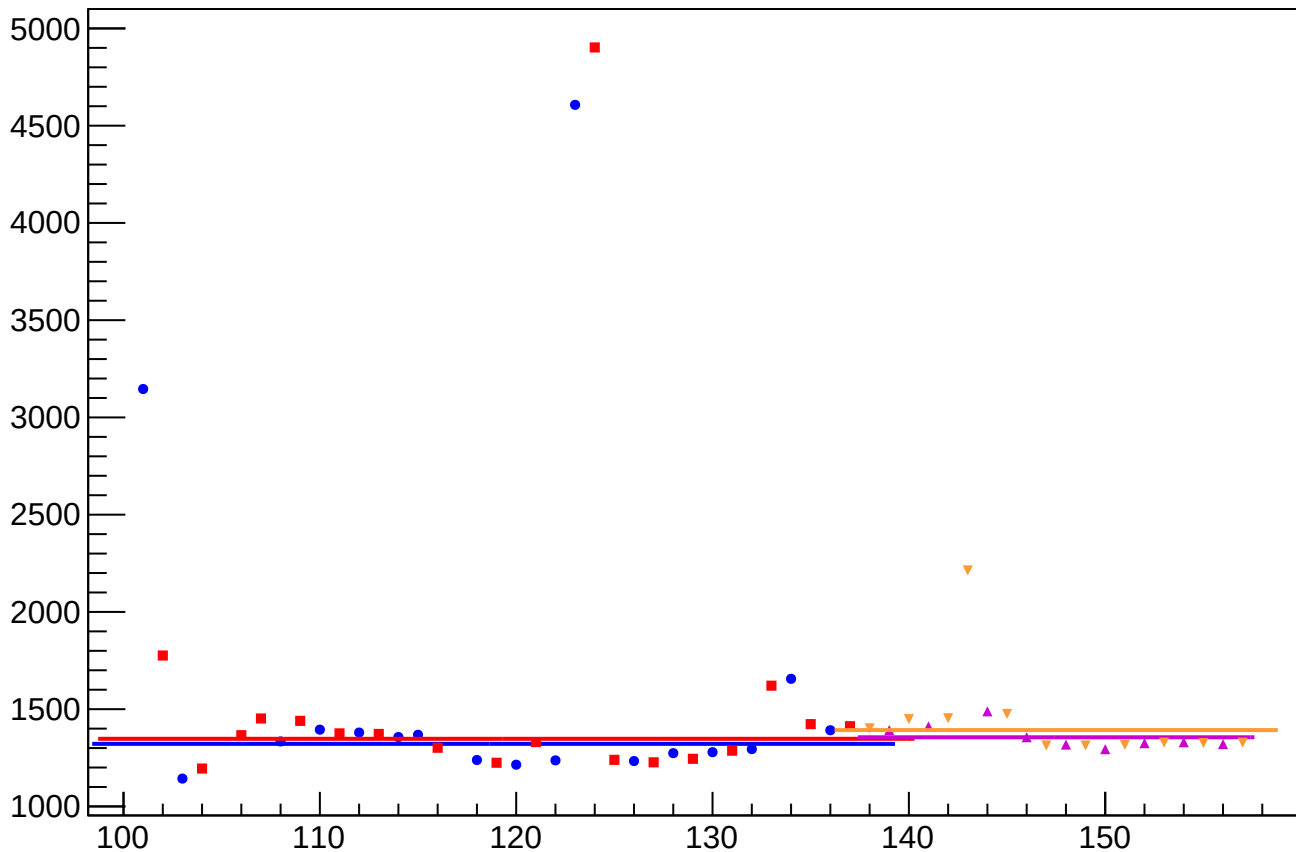
Right: -391.220 ± 369.698 χ^2/NDF : 30.3/34

In: -373.566 ± 360.963 χ^2/NDF : 19.1/25

Out: 350.503 ± 357.190 χ^2/NDF : 32.0/28

All: -7.727 ± 253.895 χ^2/NDF : 53.1/54

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1355.503+/-0.353 χ^2/NDF : 25243.1/8

Left: 1374.310+/-0.247 χ^2/NDF : 279413.2/19

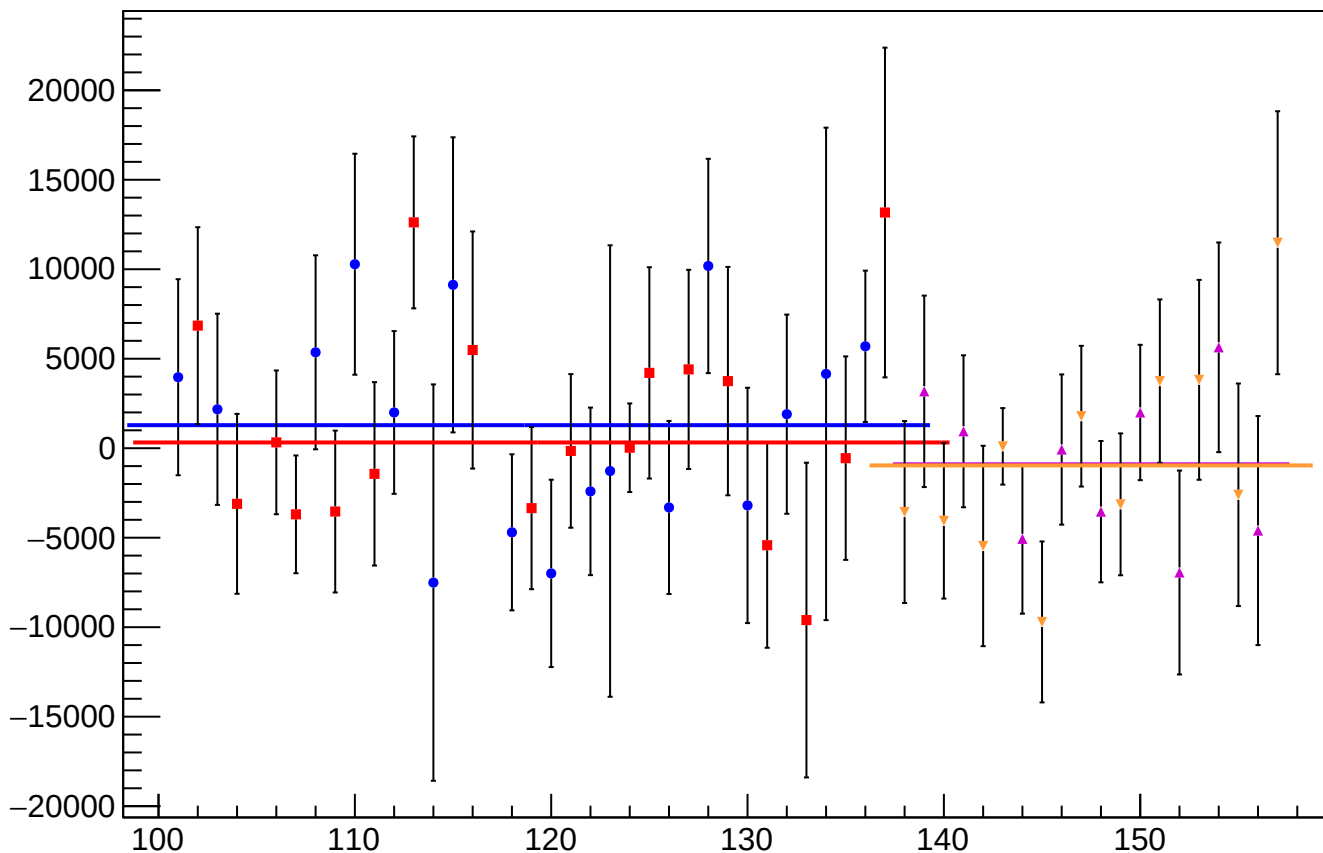
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1339.422+/-0.255 χ^2/NDF : 531862.6/25

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

All: 1355.625+/-0.180 χ^2/NDF : 1082554.0/54

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -899.218+/-1537.759 χ^2/NDF : 5.5/8

Left: -937.321+/-967.792 χ^2/NDF : 16.5/19

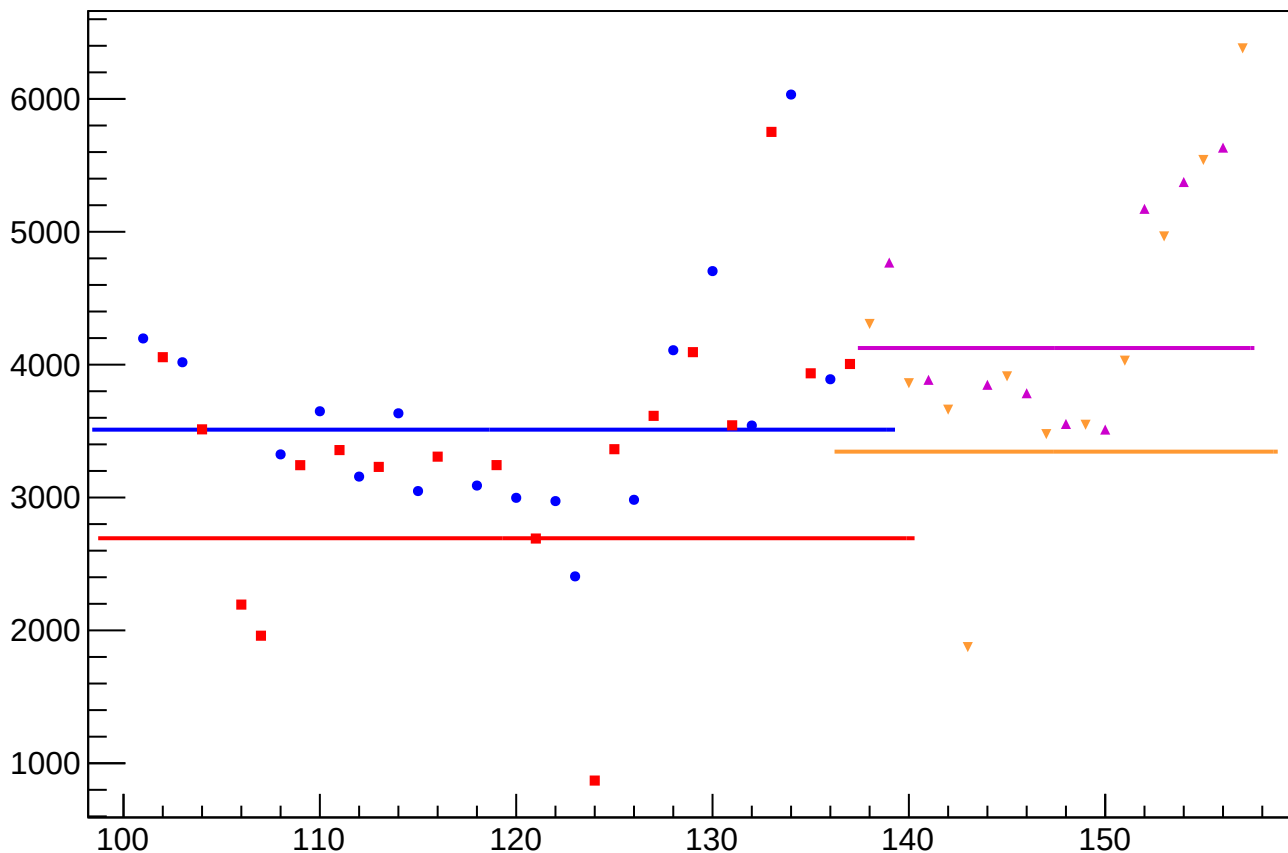
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 315.277+/-1025.354 χ^2/NDF : 21.0/25

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

All: -23.847+/-643.614 χ^2/NDF : 50.3/54

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3345.331 $\pm$ 0.881 χ^2 /NDF:1896363.4/10

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

Left In: 4125.240 $\pm$ 1.087 χ^2 /NDF:421538.4/8

Left: 3654.241 $\pm$ 0.684 χ^2 /NDF: 2628584.7/19

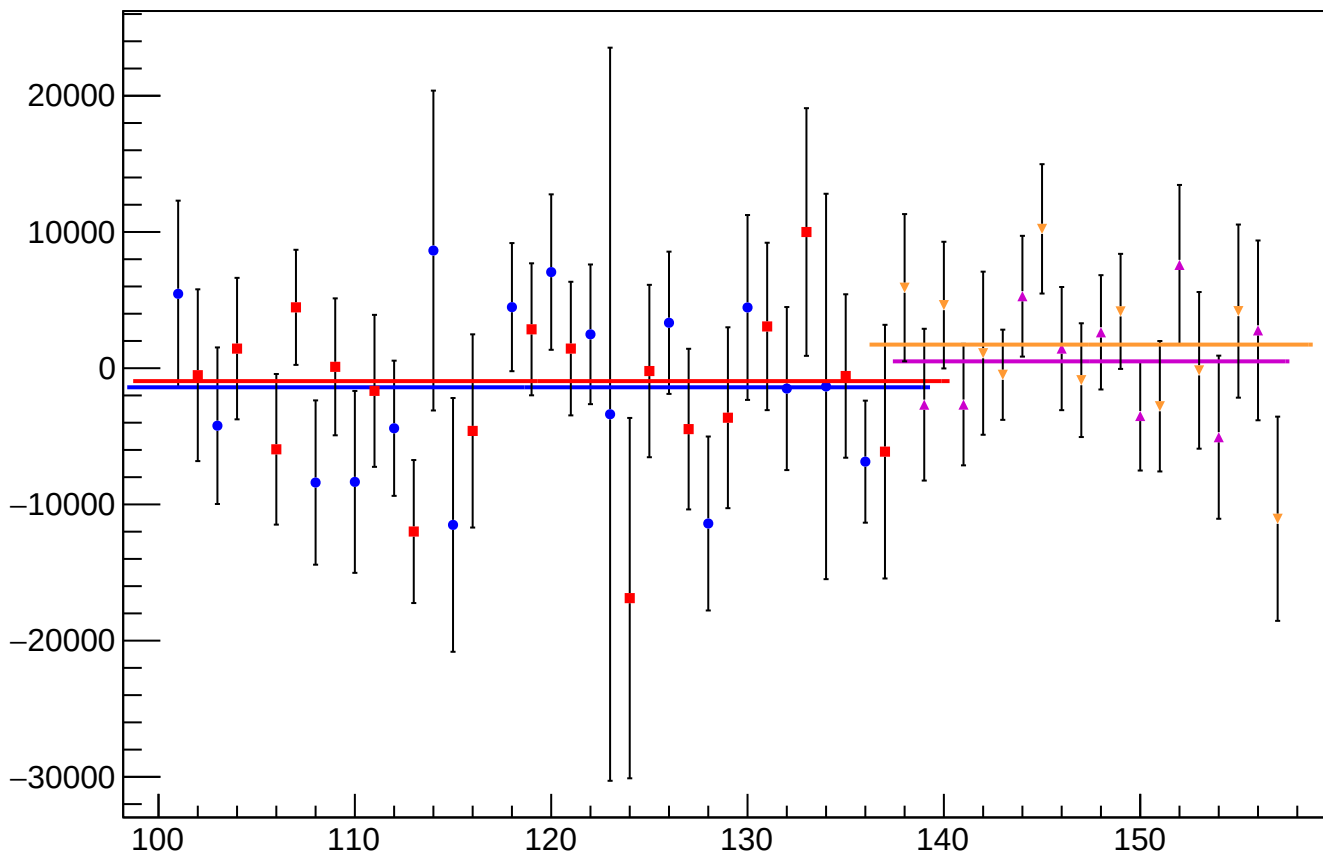
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3783.981 $\pm$ 0.725 χ^2 /NDF:942937.4/25

Out: 2980.799 $\pm$ 0.585 χ^2 /NDF:4328622.4/28

All: 3297.257 $\pm$ 0.455 χ^2 /NDF: 6015225.7/54

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: 1732.732+/-1452.797 χ^2/NDF : 9.4/10

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

Left In: 502.564+/-1619.375 χ^2/NDF : 5.7/8

Left: 1184.154+/-1081.395 χ^2/NDF : 15.5/19

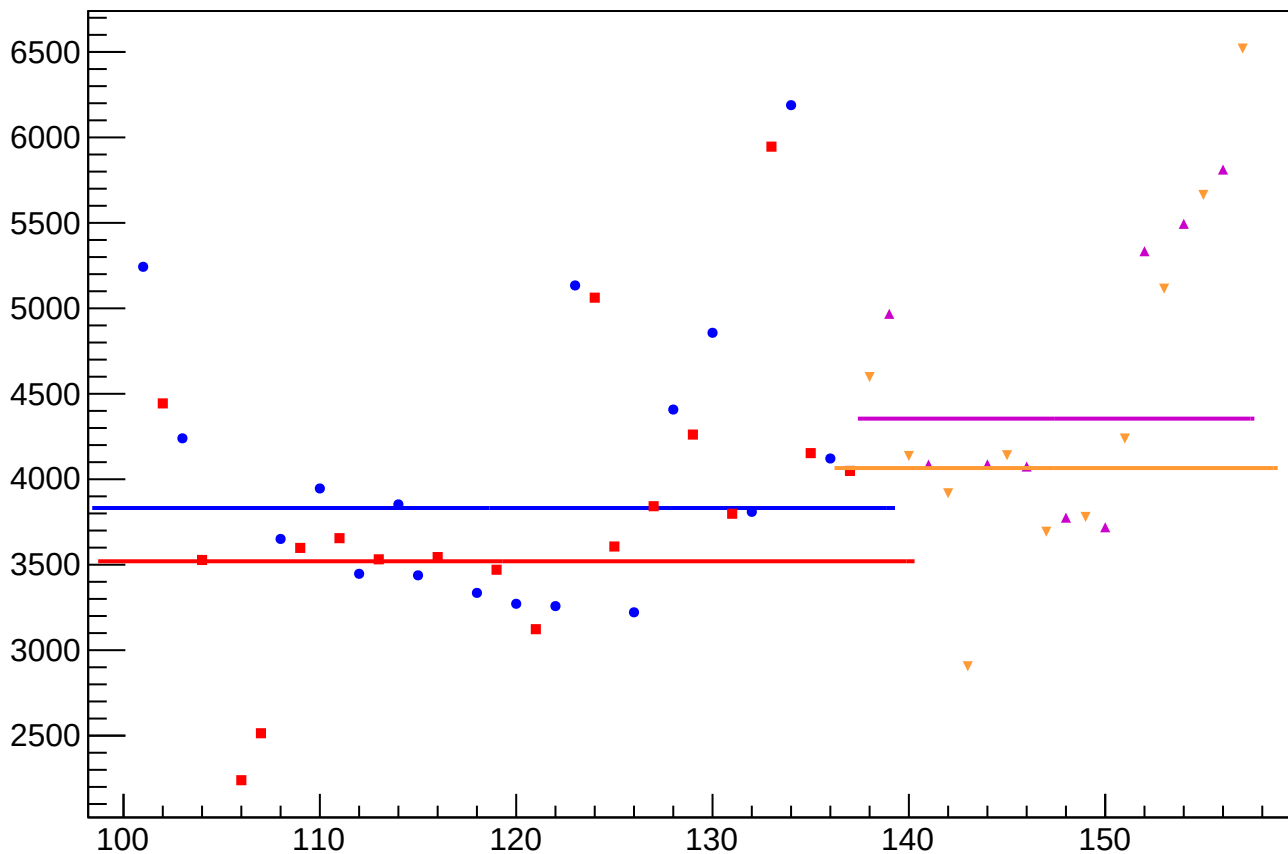
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -519.581+/-1102.080 χ^2/NDF : 22.3/25

Out: 326.165+/-1001.585 χ^2/NDF : 23.7/28

All: -56.397+/-741.215 χ^2/NDF : 46.3/54

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4354.715 $\pm$ 1.145 χ^2 /NDF: 360643.0/8

Left: 4194.523 $\pm$ 0.765 χ^2 /NDF: 1098177.9/19

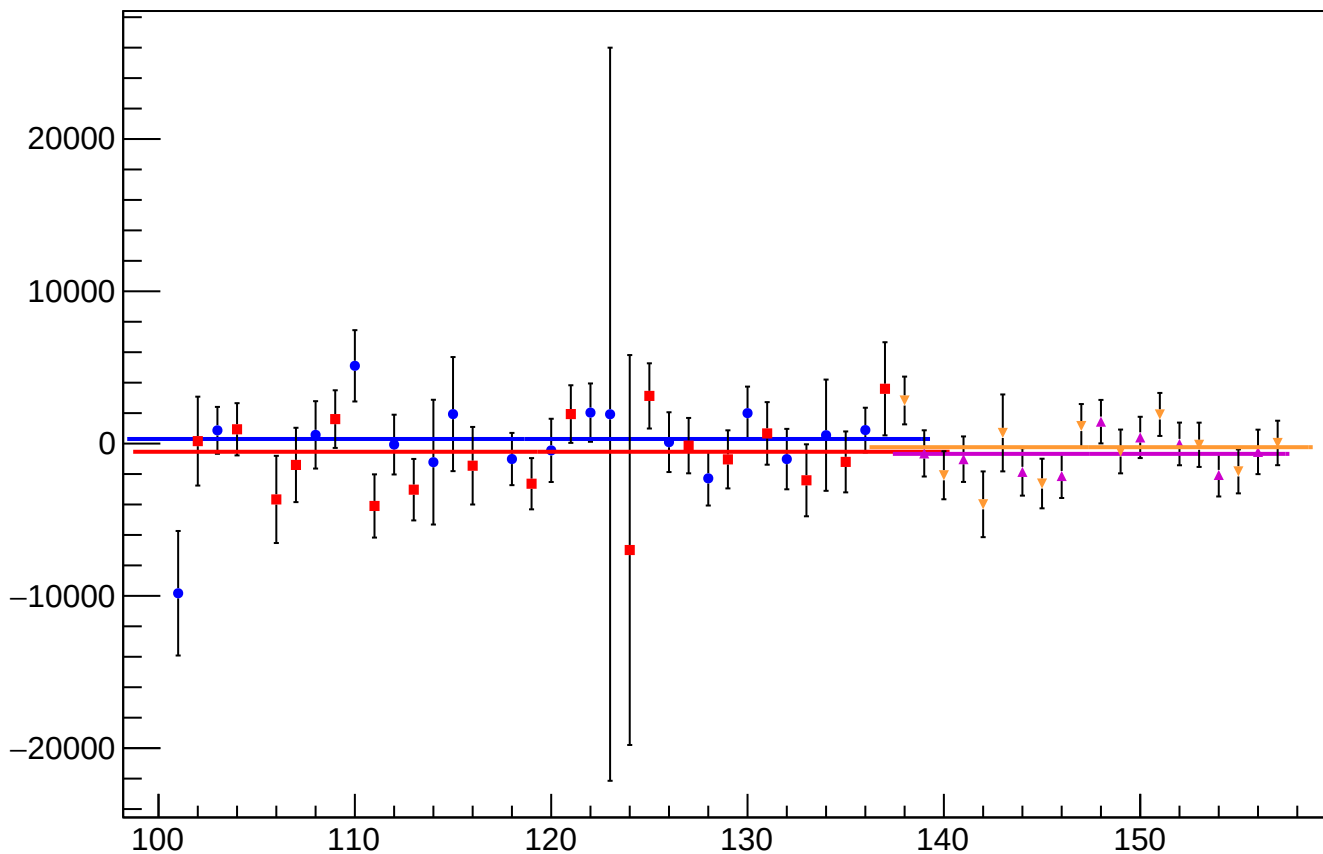
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4073.997 $\pm$ 0.779 χ^2 /NDF: 810299.6/25

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

All: 3910.590 $\pm$ 0.523 χ^2 /NDF: 2285784.3/54

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -675.699 $\pm$ 482.965 χ^2 /NDF:5.7/8

Left: -452.190 $\pm$ 338.427 χ^2 /NDF: 21.1/19

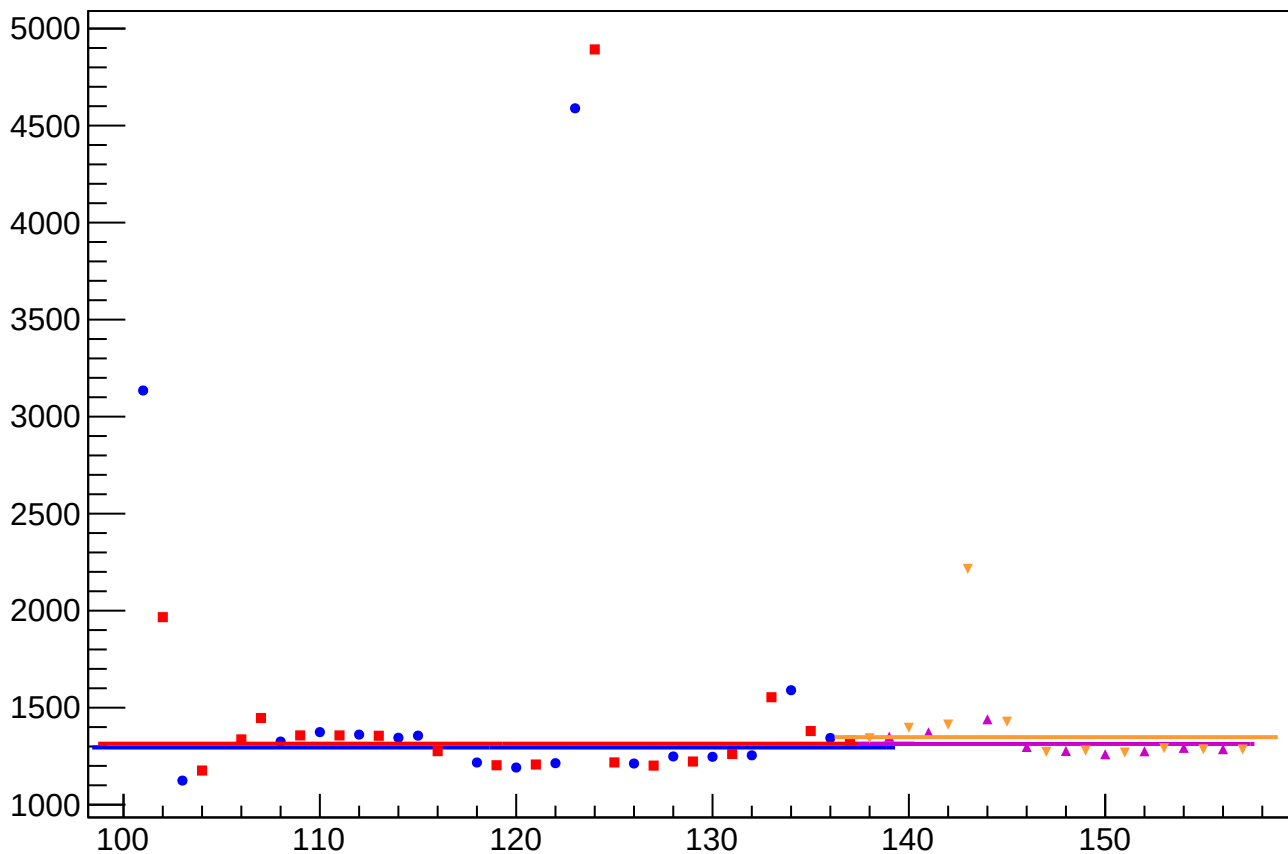
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: -216.165 $\pm$ 351.593 χ^2 /NDF:23.7/25

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

All: -297.478 $\pm$ 246.948 χ^2 /NDF: 56.5/54

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1313.074 $\pm$ 0.342 χ^2 /NDF: 24815.6/8

Left: 1330.929 $\pm$ 0.239 χ^2 /NDF: 301575.5/19

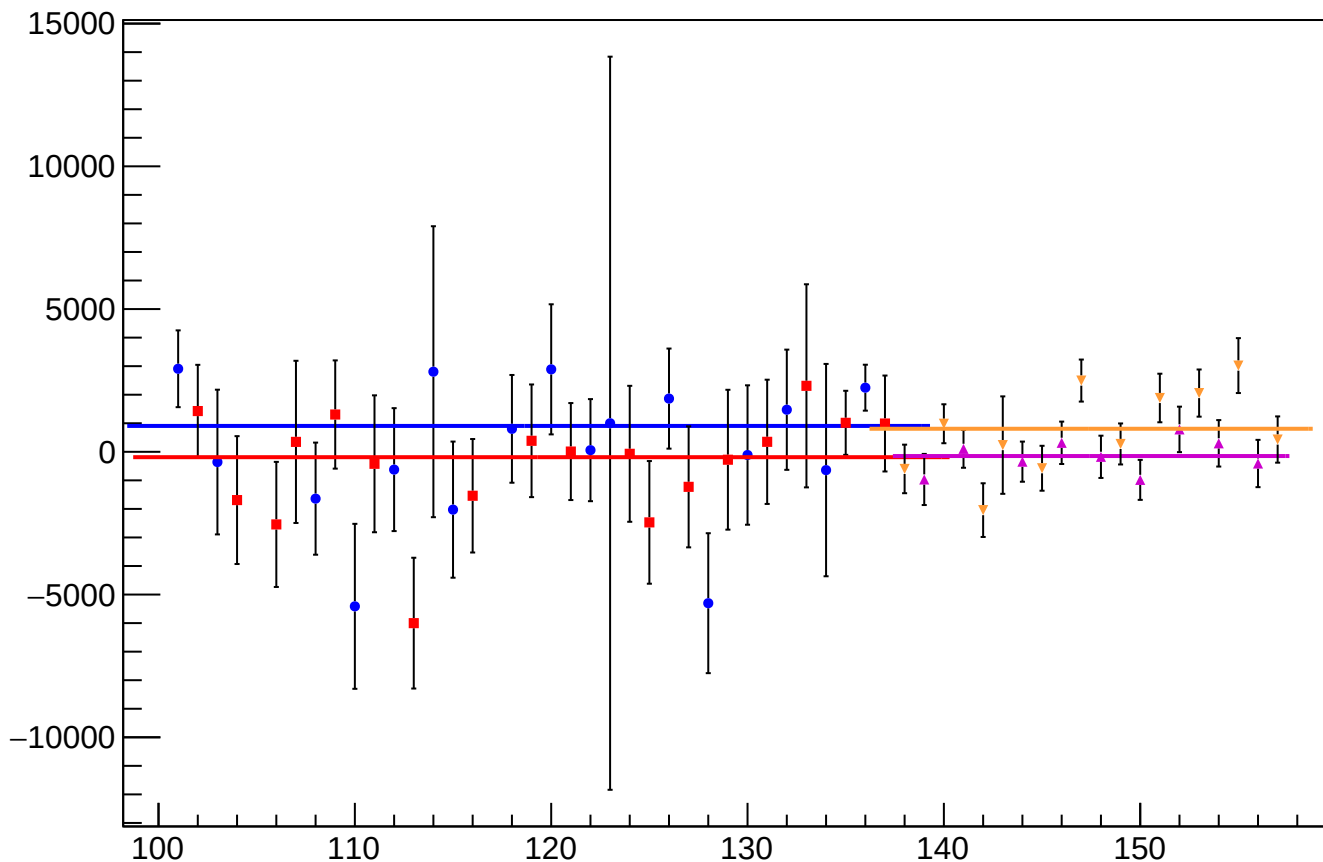
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1304.451 $\pm$ 0.249 χ^2 /NDF: 533975.8/25

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

All: 1318.684 $\pm$ 0.175 χ^2 /NDF: 1150330.0/54

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -147.942 $\pm$ 251.841 χ^2 /NDF:4.6/8

Left: 331.078 $\pm$ 177.830 χ^2 /NDF: 42.3/19

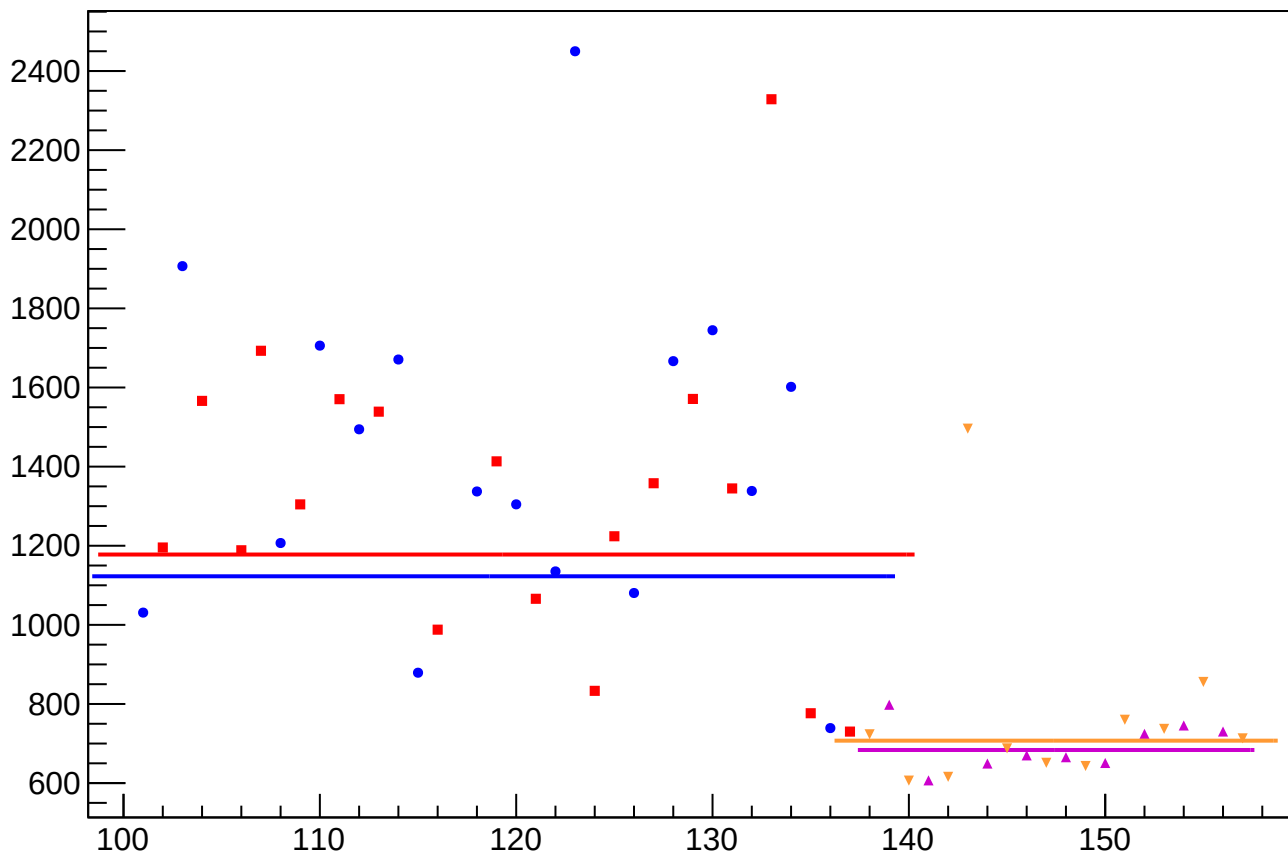
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 98.685 $\pm$ 220.436 χ^2 /NDF:30.7/25

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

All: 339.940 $\pm$ 156.043 χ^2 /NDF: 80.9/54

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

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

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 683.671+/-0.178 χ^2/NDF : 93708.2/8

Left: 695.507+/-0.126 χ^2/NDF : 679757.4/19

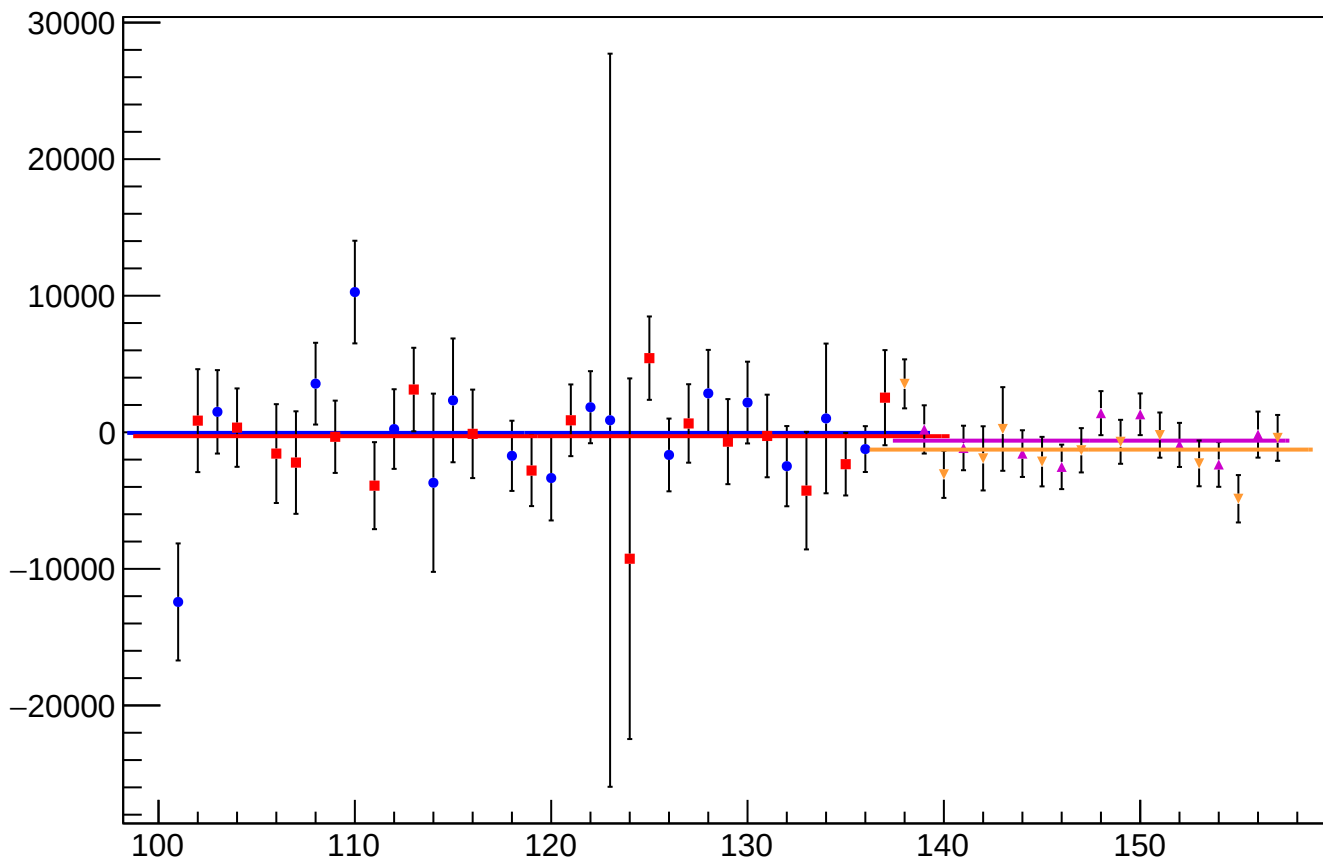
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 786.356+/-0.156 χ^2/NDF : 2703540.9/25

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

All: 799.996+/-0.110 χ^2/NDF : 5905616.7/54

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367+/-747.588 χ^2/NDF : 23.2/16

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

Right Out: -285.373+/-735.391 χ^2/NDF : 10.6/17

Left In: -611.519+/-547.283 χ^2/NDF :6.4/8

Left: -942.838+/-384.851 χ^2/NDF : 21.5/19

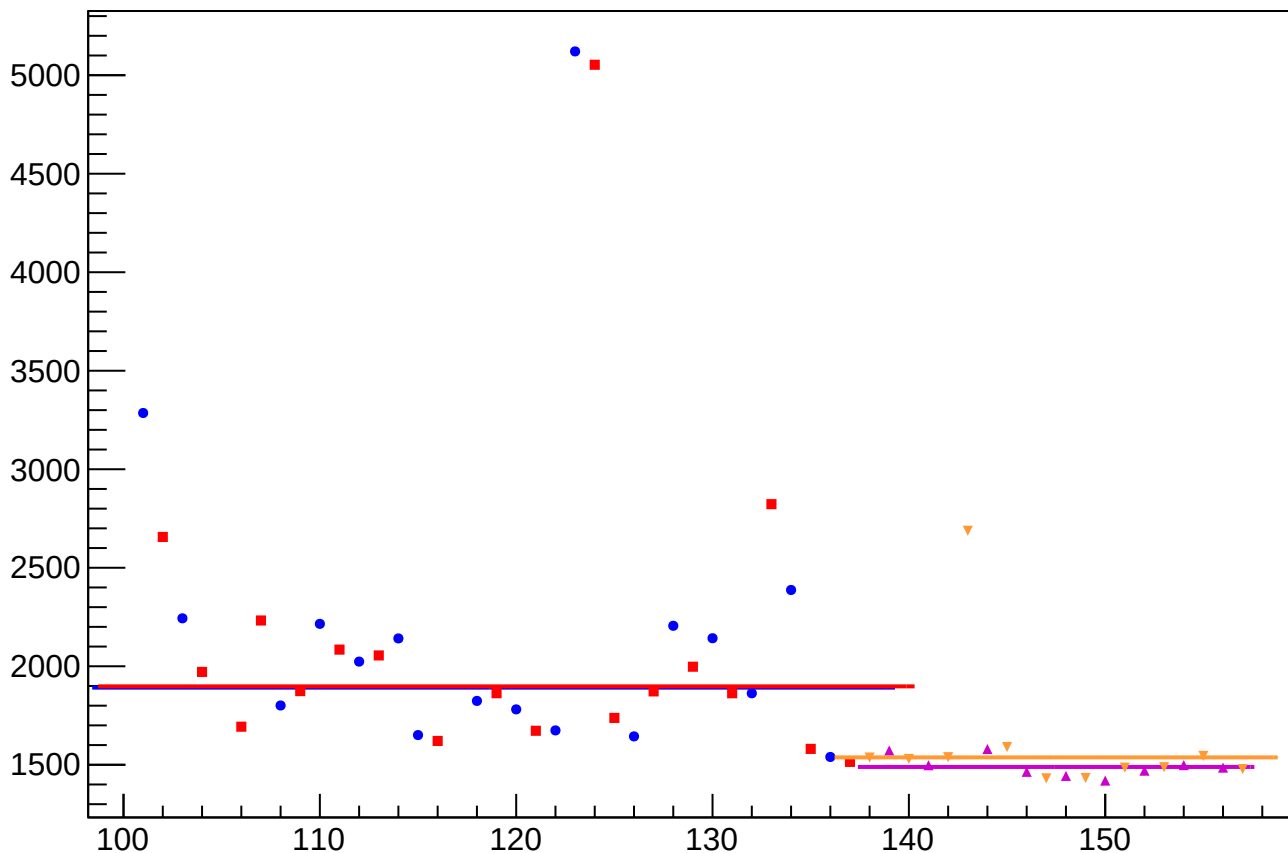
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

In: -413.627+/-441.599 χ^2/NDF :30.0/25

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

All: -671.105+/-310.234 χ^2/NDF : 56.8/54

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1537.465+/-0.383 χ^2/NDF : 307215.0/10

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1488.941+/-0.387 χ^2/NDF : 16716.5/8

Left: 1513.470+/-0.272 χ^2/NDF : 331879.3/19

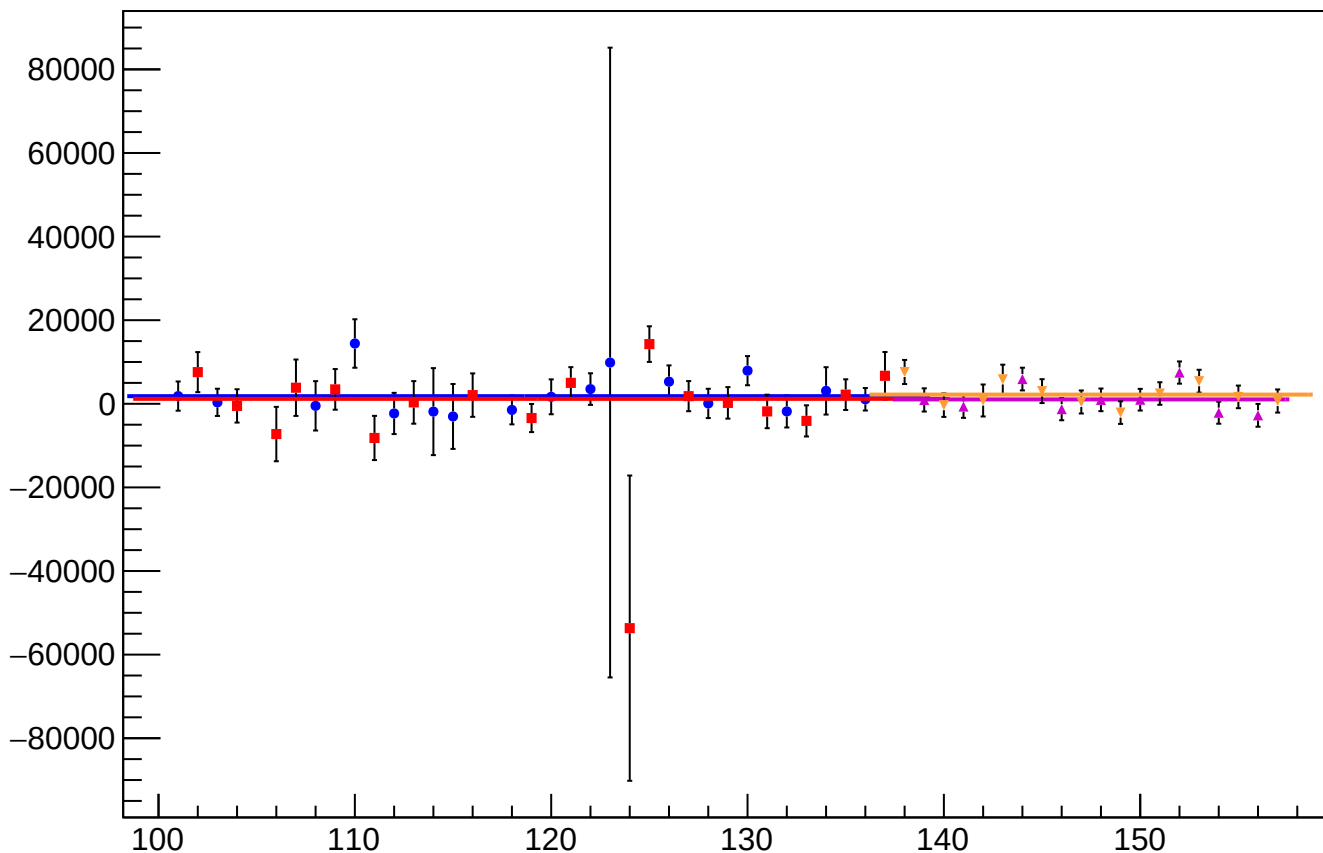
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1629.463+/-0.312 χ^2/NDF : 863692.3/25

Out: 1664.162+/-0.308 χ^2/NDF : 1042726.4/28

All: 1647.037+/-0.219 χ^2/NDF : 1912672.7/54

dit_asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 1049.025+/-895.234 χ^2/NDF : 13.6/8

Left: 1643.564+/-623.331 χ^2/NDF : 24.8/19

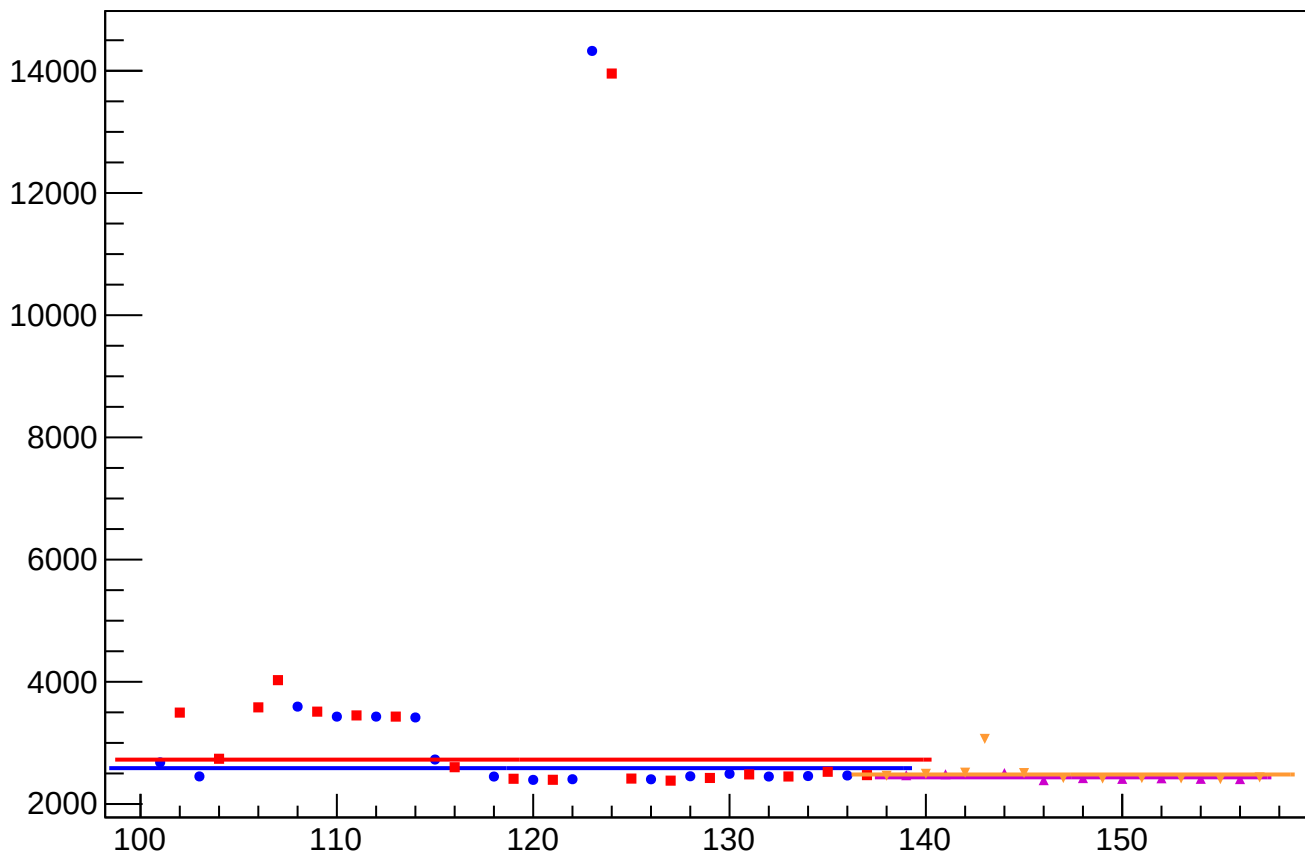
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1390.394+/-669.992 χ^2/NDF : 26.5/25

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

All: 1589.731+/-473.468 χ^2/NDF : 63.0/54

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2483.223+/-0.614 χ^2/NDF : 61539.6/10

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2436.392+/-0.633 χ^2/NDF : 3648.9/8

Left: 2460.519+/-0.441 χ^2/NDF : 68008.2/19

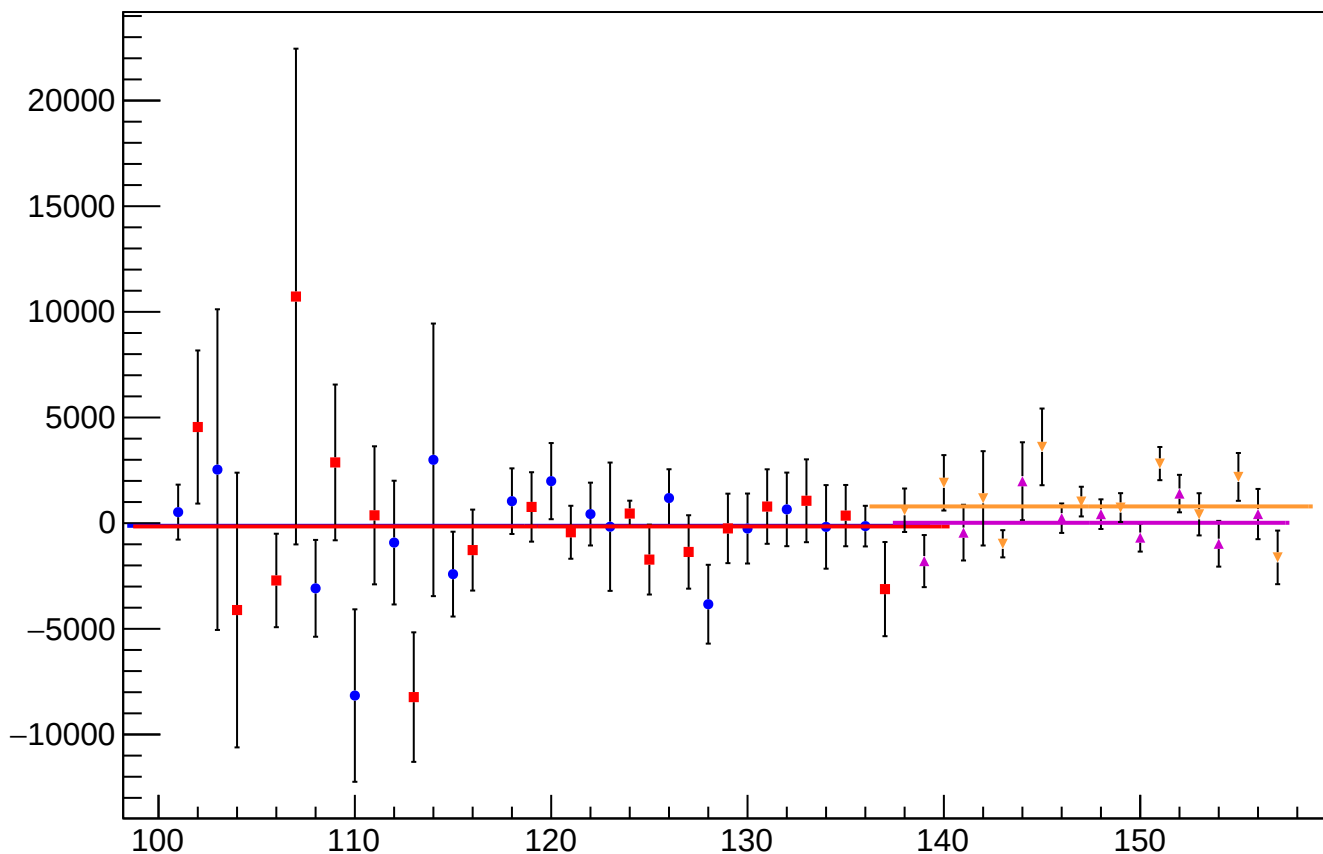
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2502.635+/-0.474 χ^2/NDF : 282654.7/25

Out: 2582.031+/-0.473 χ^2/NDF : 706125.5/28

All: 2542.381+/-0.335 χ^2/NDF : 1002840.3/54

asym_atl1_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 17.532 $\pm$ 305.239 χ^2 /NDF:8.4/8

Left: 436.532 $\pm$ 206.840 χ^2 /NDF: 34.6/19

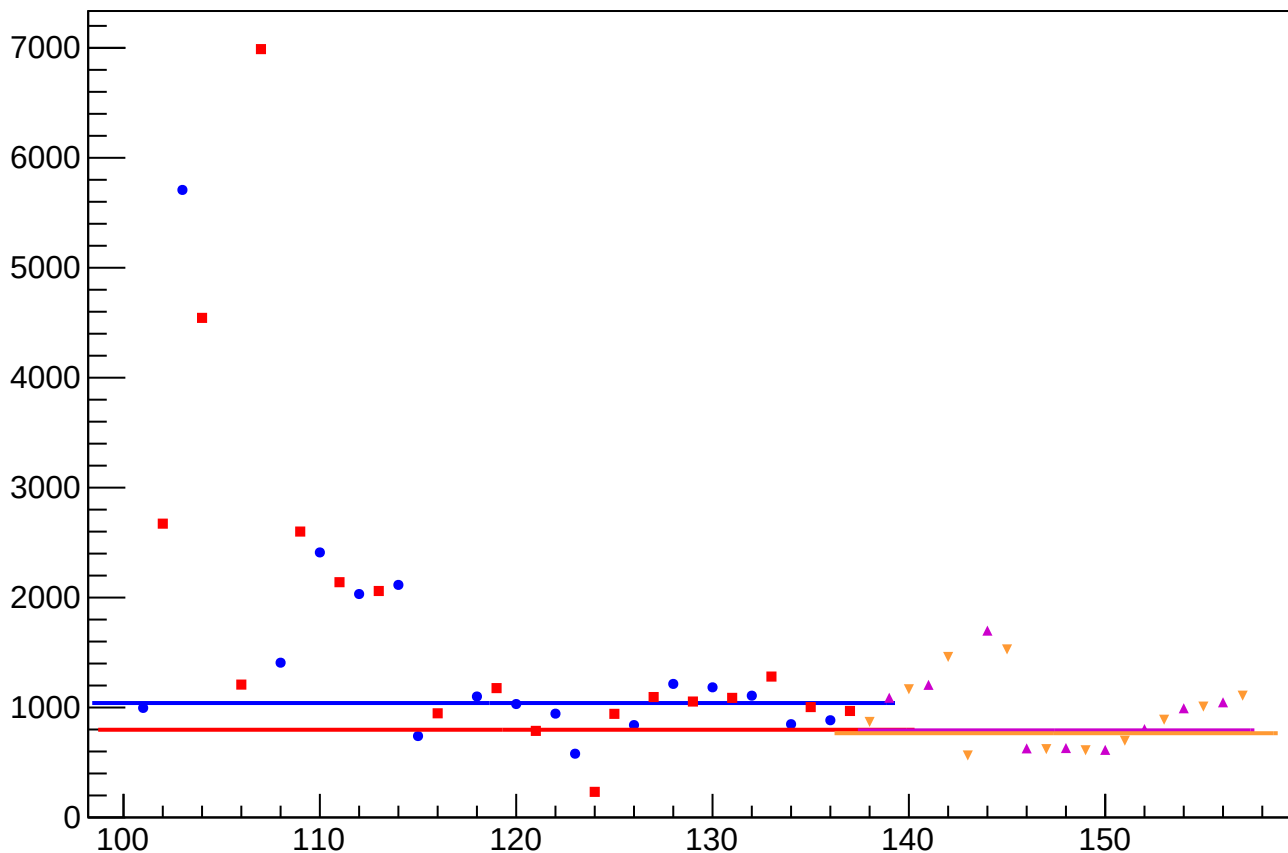
Right: -141.367 $\pm$ 285.354 χ^2 /NDF: 32.3/34

In: -29.937 $\pm$ 249.051 χ^2 /NDF:23.1/25

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

All: 237.480 $\pm$ 167.472 χ^2 /NDF: 69.6/54

asym_atl1_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 792.118+/-0.216 χ^2/NDF : 1317777.1/8

Left: 778.082+/-0.146 χ^2/NDF : 2744930.5/19

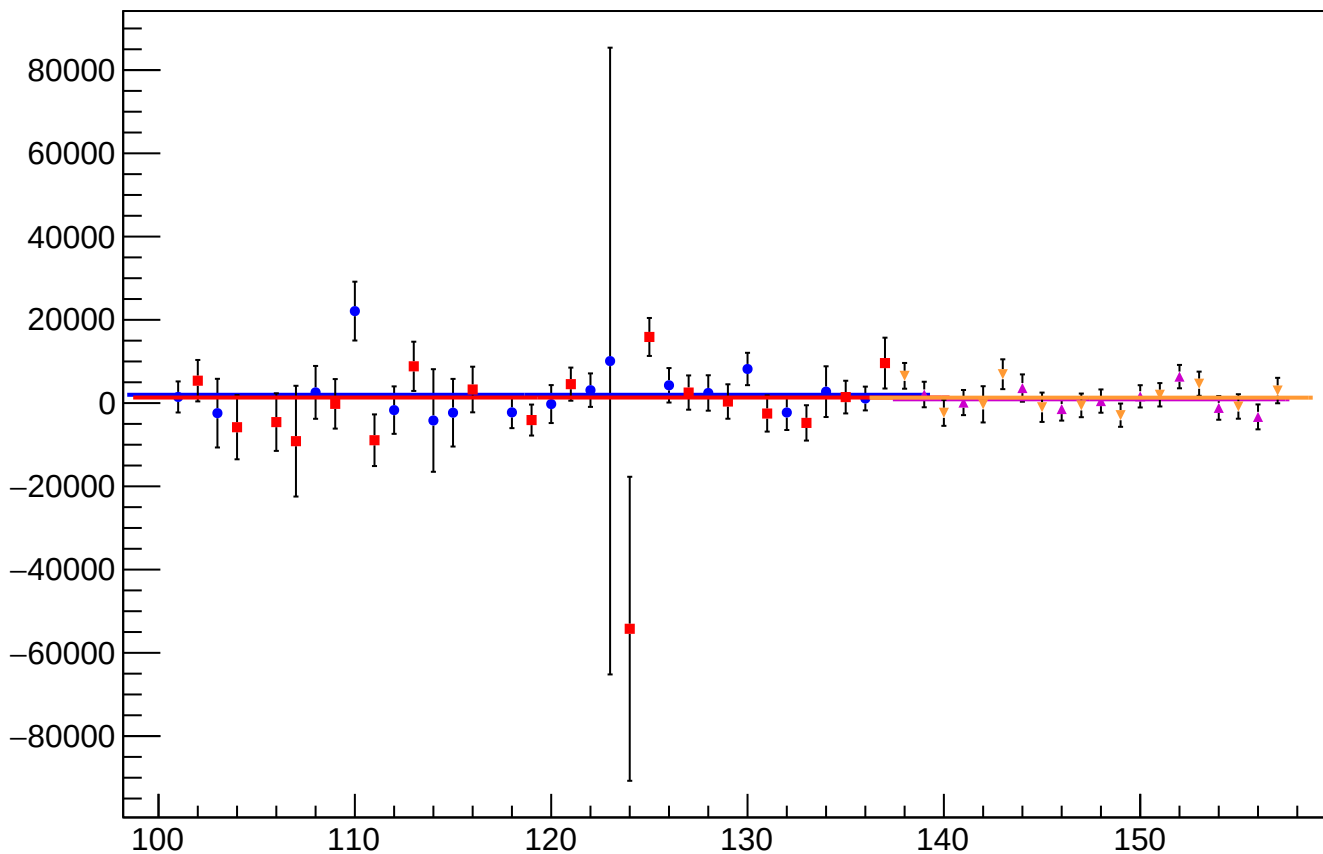
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 875.233+/-0.176 χ^2/NDF : 3334422.9/25

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

All: 821.584+/-0.118 χ^2/NDF : 10106384.7/54

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2/NDF : 14.9/16

Left Out: 1302.869 $\pm$ 937.643 χ^2/NDF :12.2/10

Right Out: 1336.627 $\pm$ 1193.730 χ^2/NDF : 27.5/17

Left In: 906.736 $\pm$ 967.817 χ^2/NDF :8.0/8

Left: 1111.074 $\pm$ 673.429 χ^2/NDF : 20.2/19

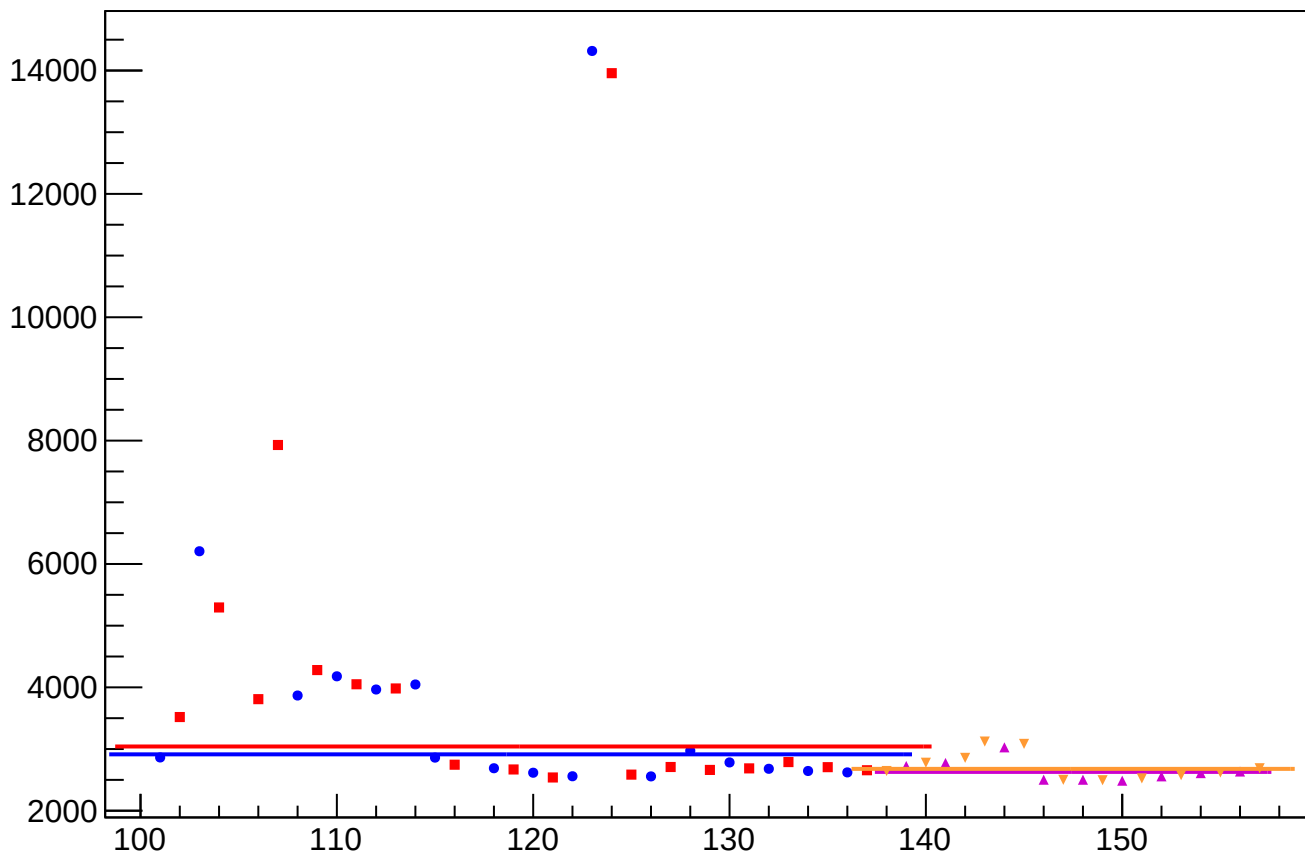
Right: 1677.304 $\pm$ 830.083 χ^2/NDF : 42.6/34

In: 1356.145 $\pm$ 741.830 χ^2/NDF :23.4/25

Out: 1315.750 $\pm$ 737.372 χ^2/NDF :39.6/28

All: 1335.826 $\pm$ 522.970 χ^2/NDF : 63.1/54

asym_atl1_rms vs Slug, Sign Corrected



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

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

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2629.187+/-0.684 χ^2/NDF : 51374.4/8

Left: 2654.564+/-0.476 χ^2/NDF : 142480.5/19

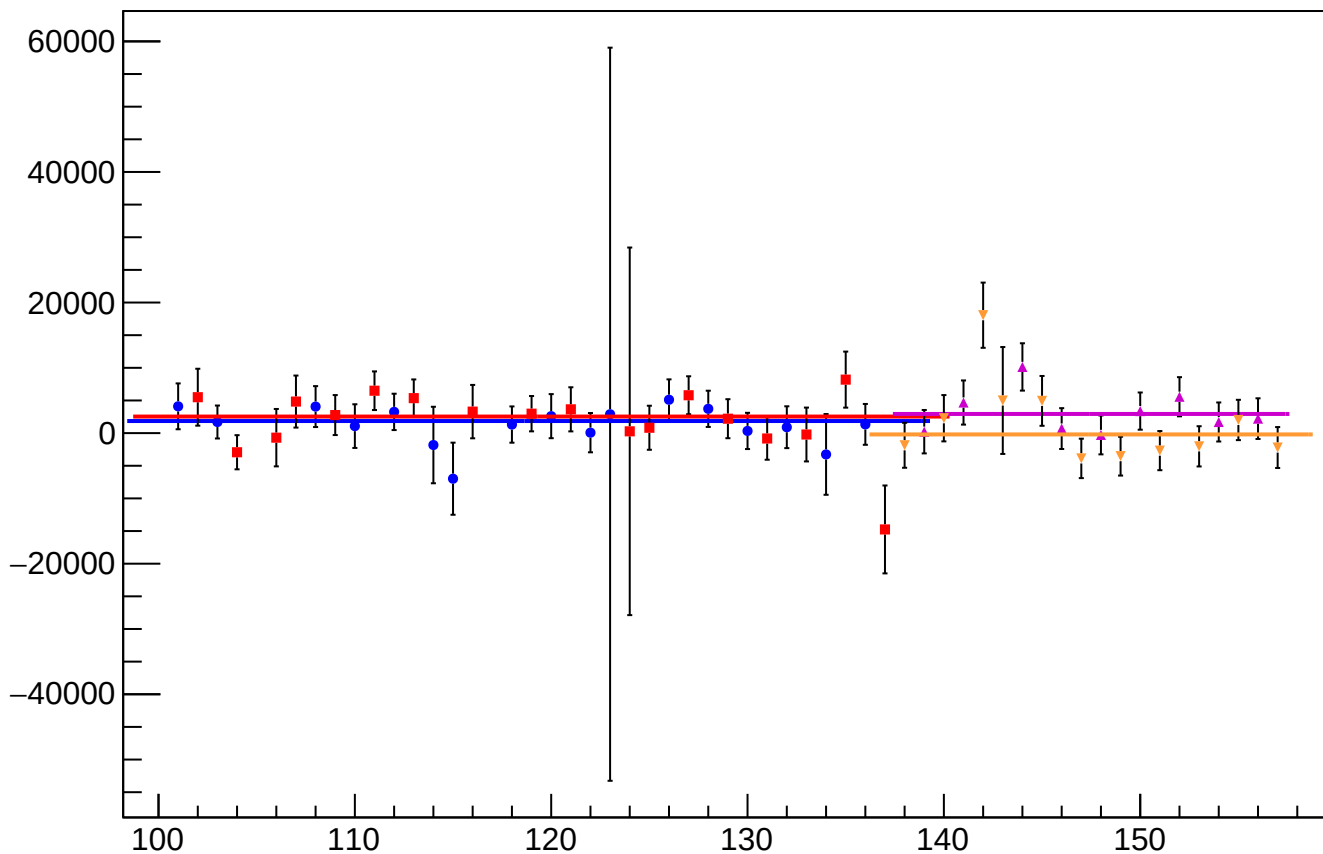
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2746.616+/-0.525 χ^2/NDF : 761740.4/25

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

All: 2781.934+/-0.370 χ^2/NDF : 1977053.5/54

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: -199.965 ± 1034.995 χ^2/NDF : 21.0/10

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

Left In: 2935.151 ± 1043.573 χ^2/NDF : 7.6/8

Left: 1354.655 ± 734.866 χ^2/NDF : 33.1/19

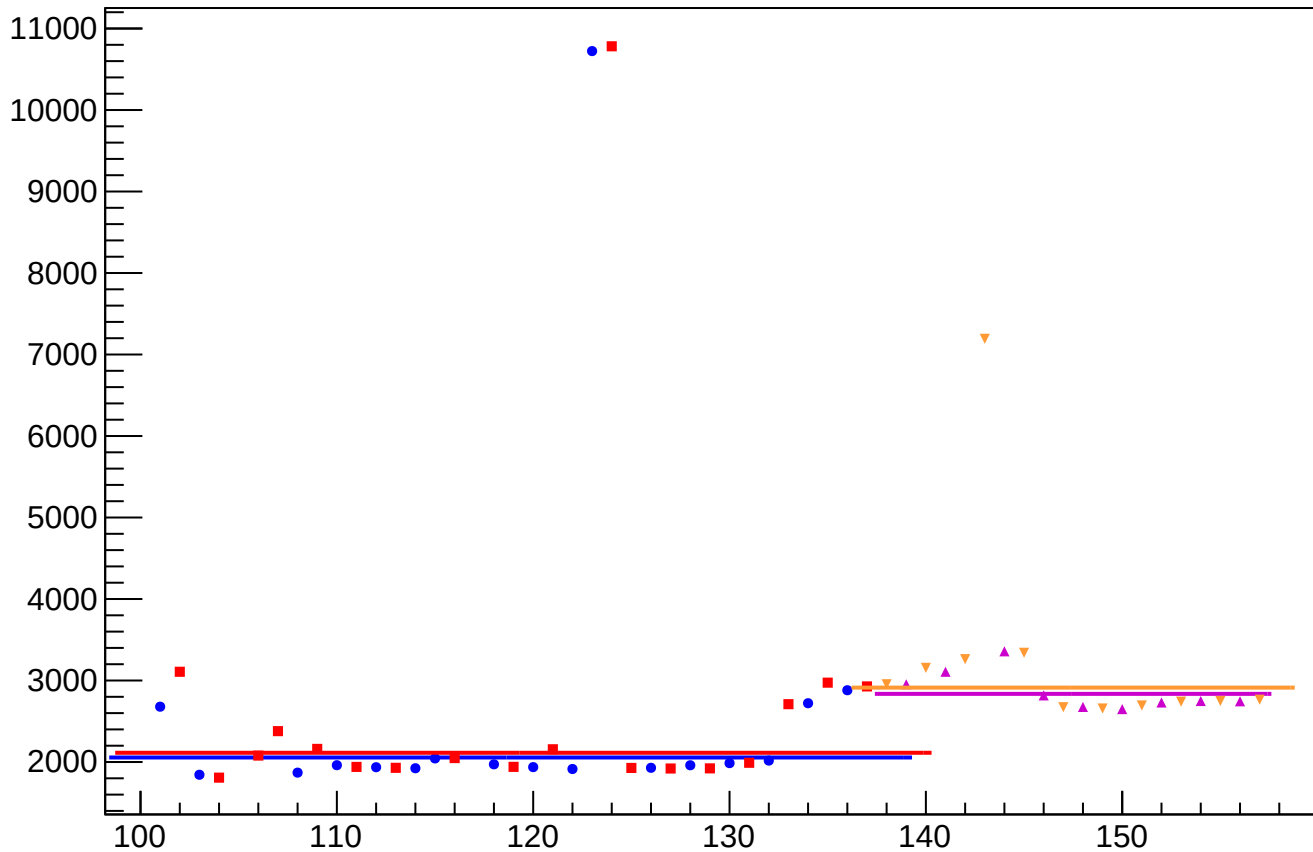
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

In: 2255.990 ± 638.270 χ^2/NDF : 15.5/25

Out: 1481.472 ± 642.401 χ^2/NDF : 45.3/28

All: 1871.229 ± 452.778 χ^2/NDF : 61.5/54

dit_asym_atl2_rms vs Slug, Sign Corrected



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

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

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

Left In: 2836.218+/-0.738 χ^2/NDF : 77252.6/8

Left: 2874.849+/-0.520 χ^2/NDF : 728253.3/19

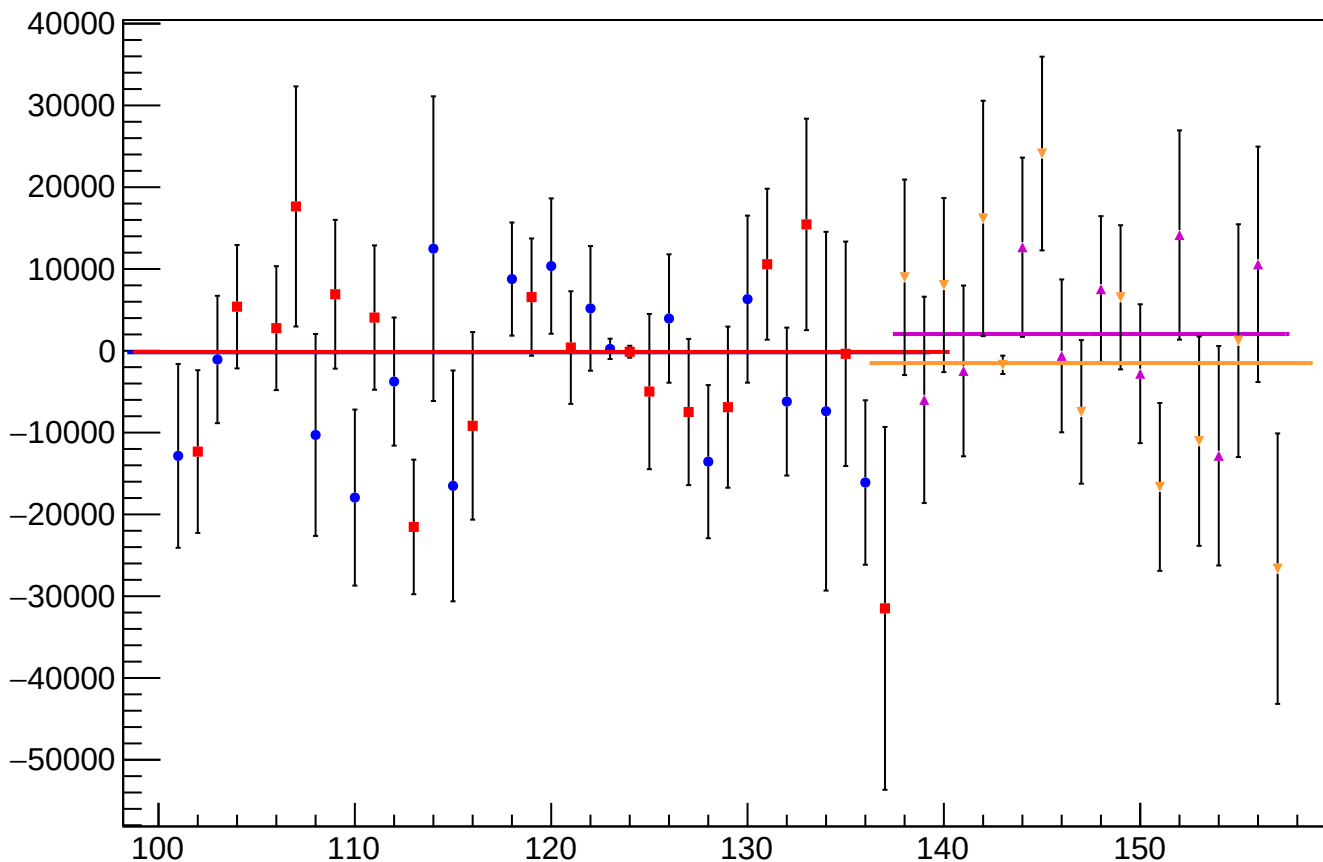
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2347.516+/-0.451 χ^2/NDF : 1094369.1/25

Out: 2420.754+/-0.454 χ^2/NDF : 1912155.3/28

All: 2383.933+/-0.320 χ^2/NDF : 3019617.7/54

asym_atl2_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 2050.899+/-3576.525 χ^2/NDF : 4.8/8

Left: -1205.590+/-1025.976 χ^2/NDF : 19.9/19

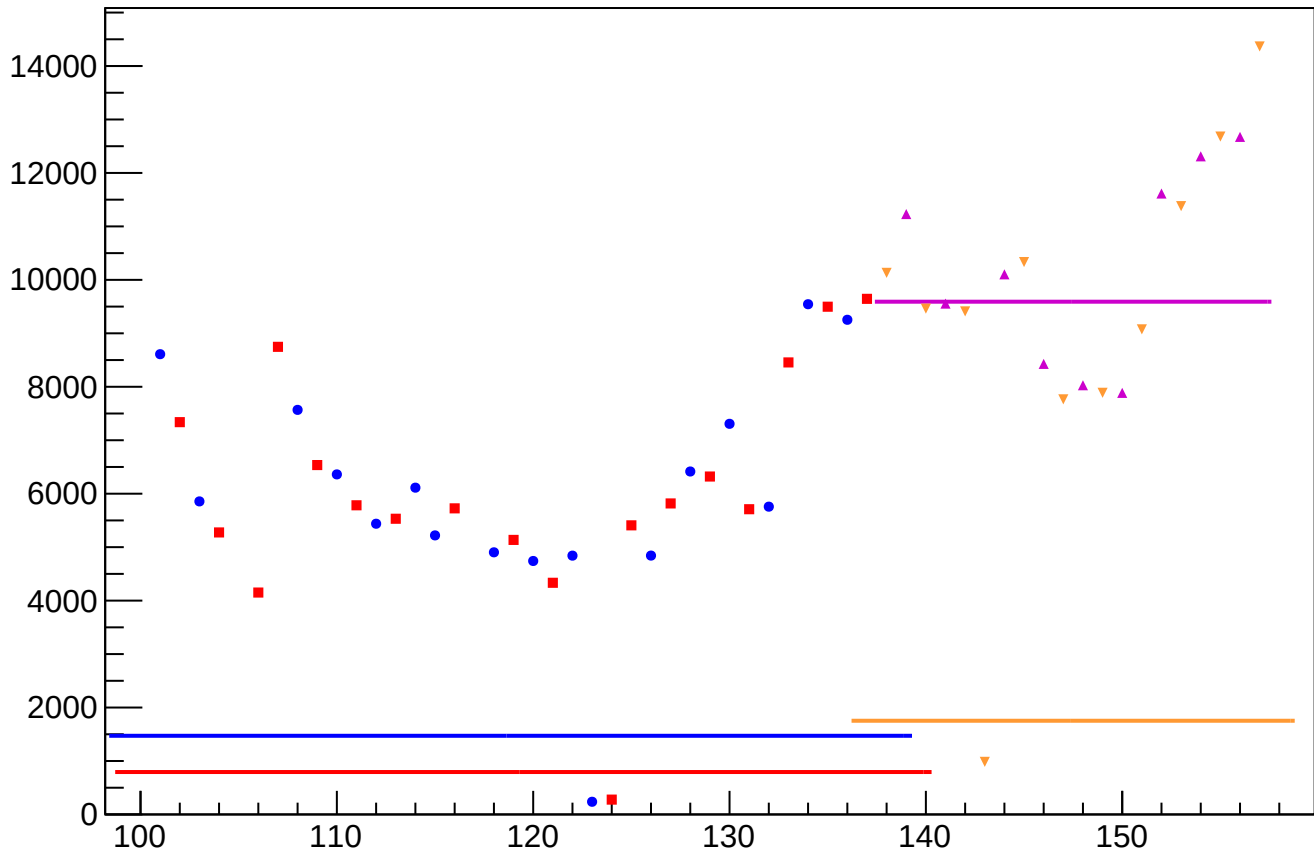
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 8.250+/-1052.076 χ^2/NDF : 21.5/25

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

All: -412.295+/-508.346 χ^2/NDF : 56.0/54

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left: 2397.877+/-0.725

χ^2/NDF : 20241288.6/19

Left Out: 1752.829+/-0.757

χ^2/NDF : 10989621.3/10

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

In: 2174.229+/-0.744

χ^2/NDF : 19640160.8/25

Out: 1075.572+/-0.411

χ^2/NDF : 23544893.6/28

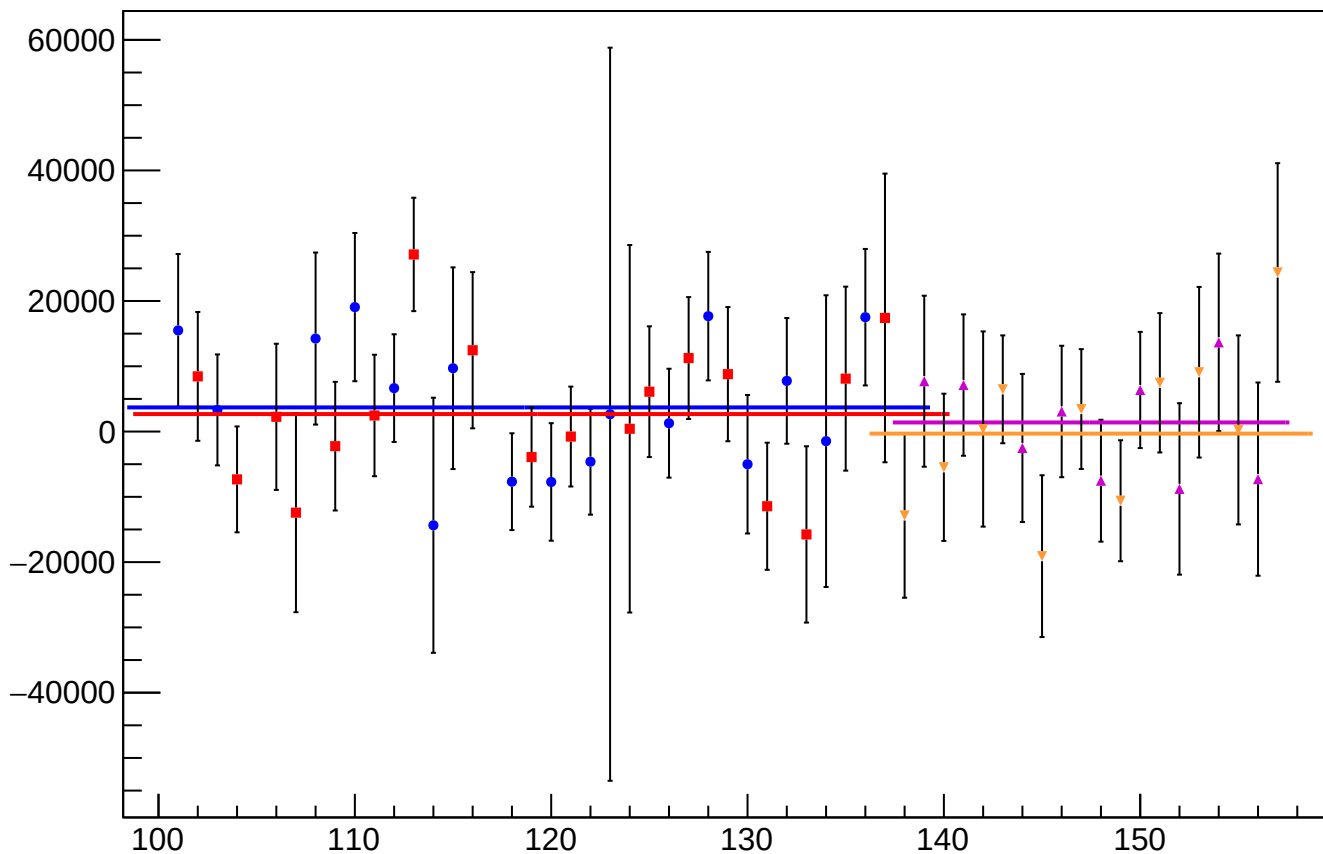
Left In: 9591.468+/-2.529

χ^2/NDF : 435216.9/8

All: 1332.072+/-0.359

χ^2/NDF : 44856878.1/15

asym_atl2_mean vs Slug, Sign Corrected



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

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

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 1395.431+/-3730.443 χ^2/NDF : 3.6/8

Left: 461.282+/-2514.623 χ^2/NDF : 12.6/19

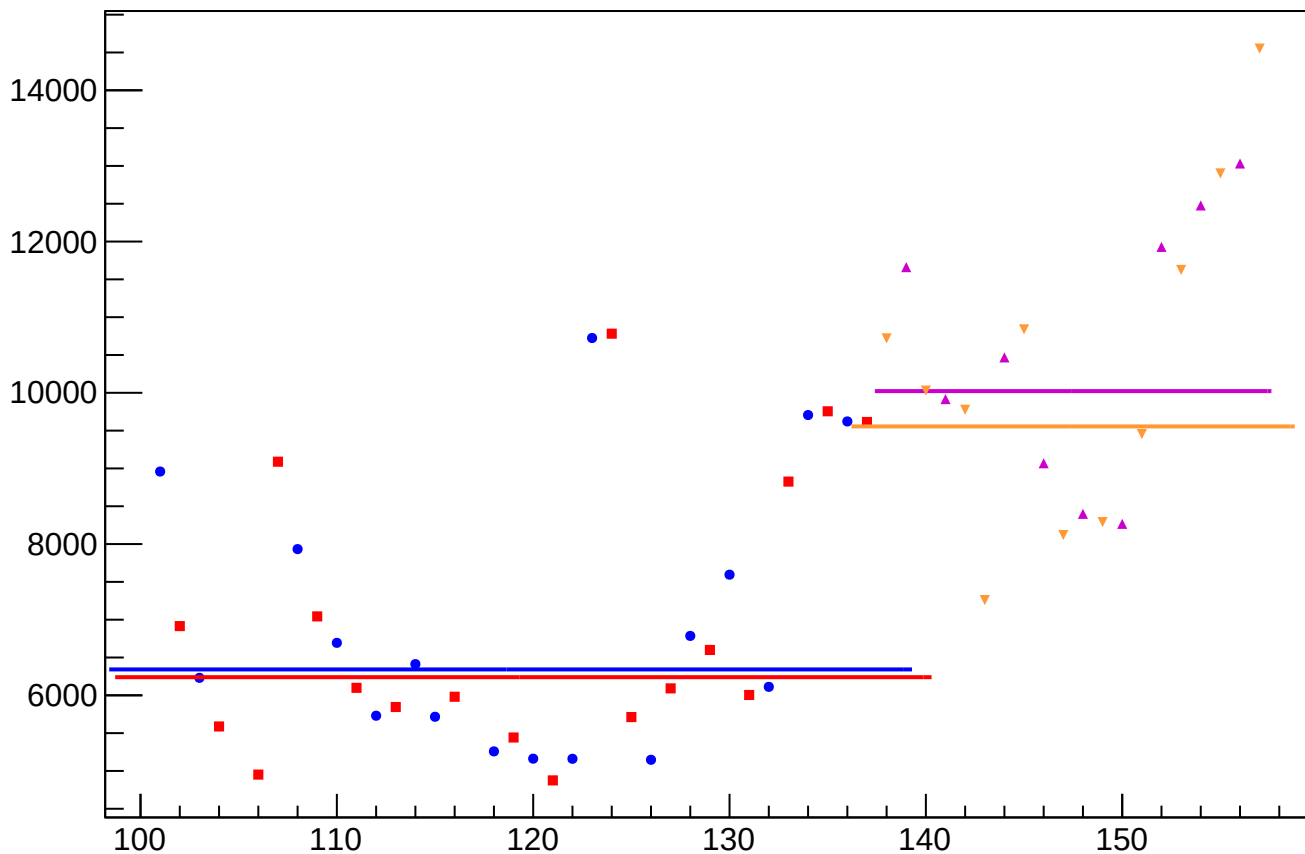
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2977.615+/-2087.025 χ^2/NDF : 18.3/25

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

All: 2287.899+/-1435.308 χ^2/NDF : 46.3/54

asym_atl2_rms vs Slug, Sign Corrected



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

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

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10022.642+/-2.638 χ^2/NDF : 380800.3/8

Left: 9767.742+/-1.778 χ^2/NDF : 1016295.7/19

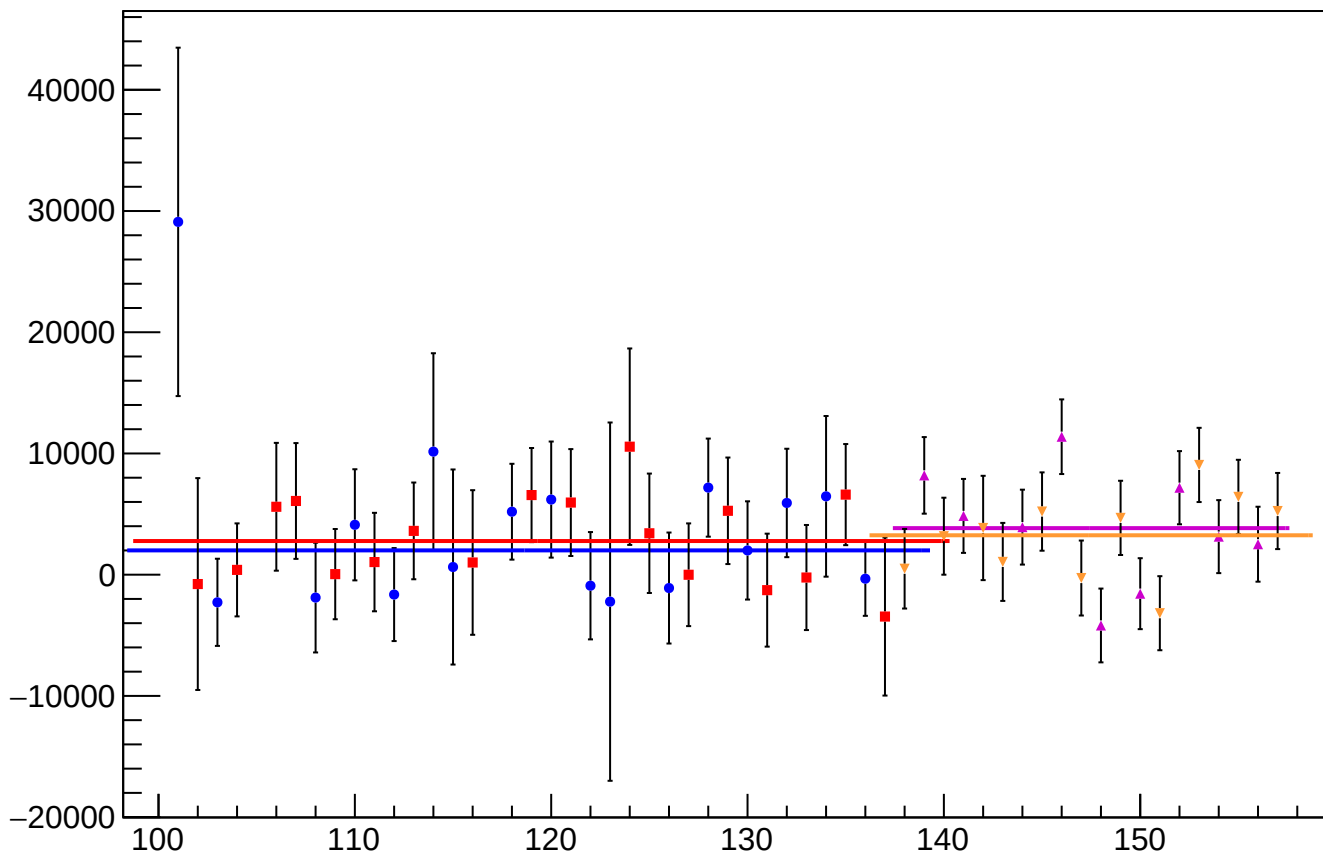
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7494.232+/-1.476 χ^2/NDF : 2311809.4/25

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

All: 7422.433+/-1.015 χ^2/NDF : 4721315.4/54

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 3250.863 $\pm$ 965.933 χ^2 /NDF:12.6/10

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 3840.882 $\pm$ 1016.809 χ^2 /NDF:19.8/8

Left: 3530.743 $\pm$ 700.313 χ^2 /NDF: 32.6/19

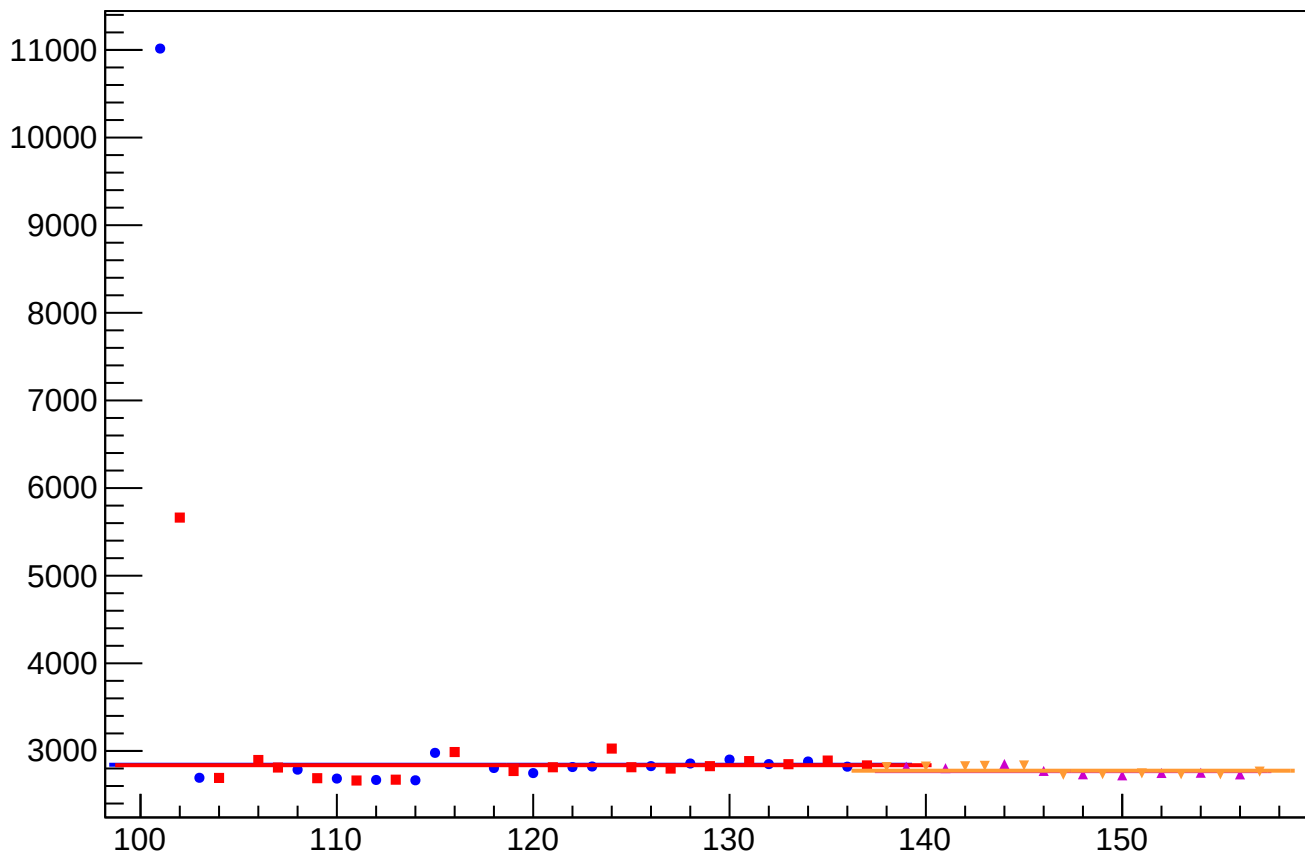
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3015.606 $\pm$ 754.480 χ^2 /NDF:35.0/25

Out: 3041.316 $\pm$ 721.987 χ^2 /NDF:21.0/28

All: 3029.027 $\pm$ 521.631 χ^2 /NDF: 56.0/54

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2774.531+/-0.683 χ^2/NDF : 4053.5/10

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2769.655+/-0.719 χ^2/NDF : 3432.4/8

Left: 2772.218+/-0.495 χ^2/NDF : 7510.1/19

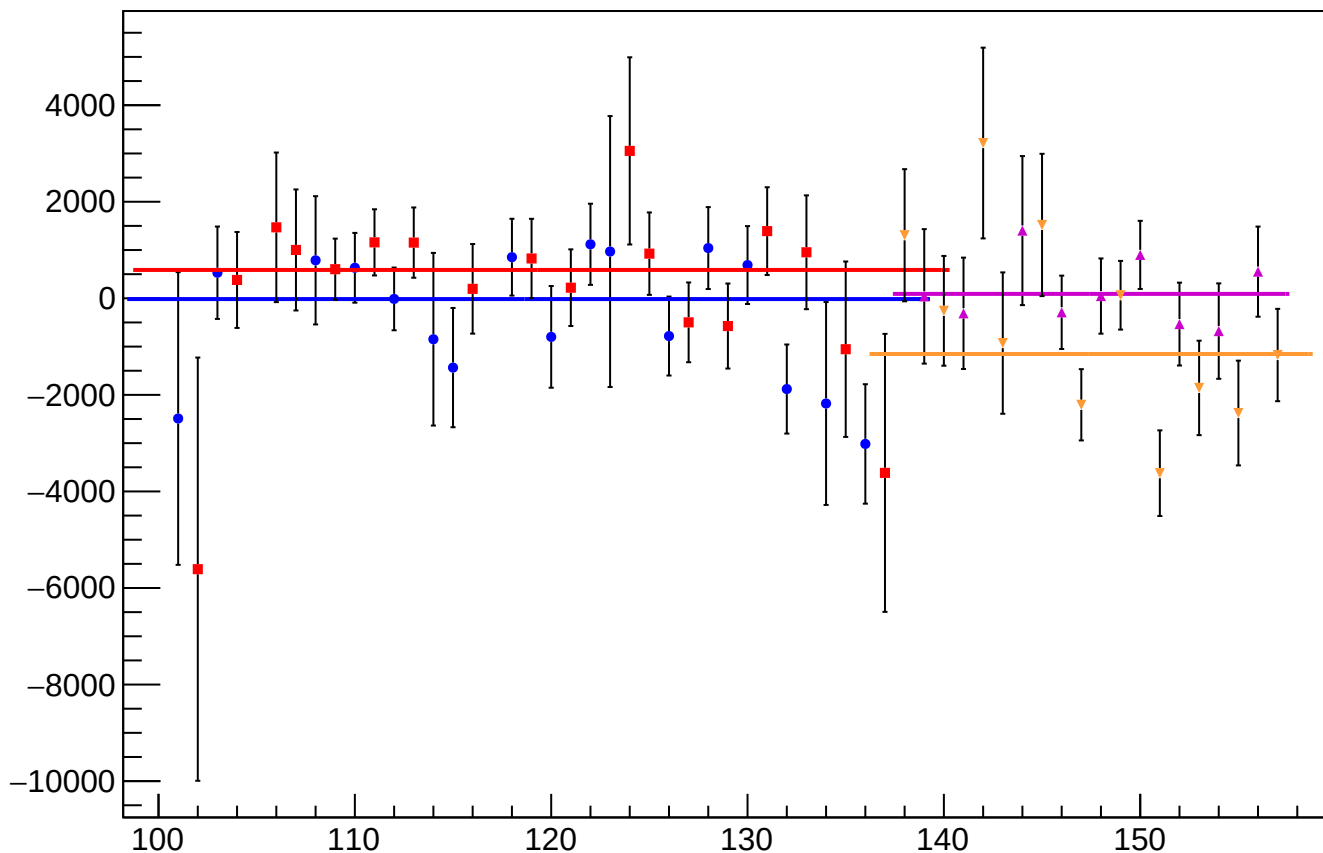
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2802.451+/-0.533 χ^2/NDF : 668367.0/25

Out: 2802.293+/-0.511 χ^2/NDF : 234219.1/28

All: 2802.369+/-0.369 χ^2/NDF : 902586.2/54

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1153.522 ± 307.673 χ^2/NDF : 26.6/10

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: 91.540 ± 307.056 χ^2/NDF : 3.8/8

Left: -529.741 ± 217.339 χ^2/NDF : 38.5/19

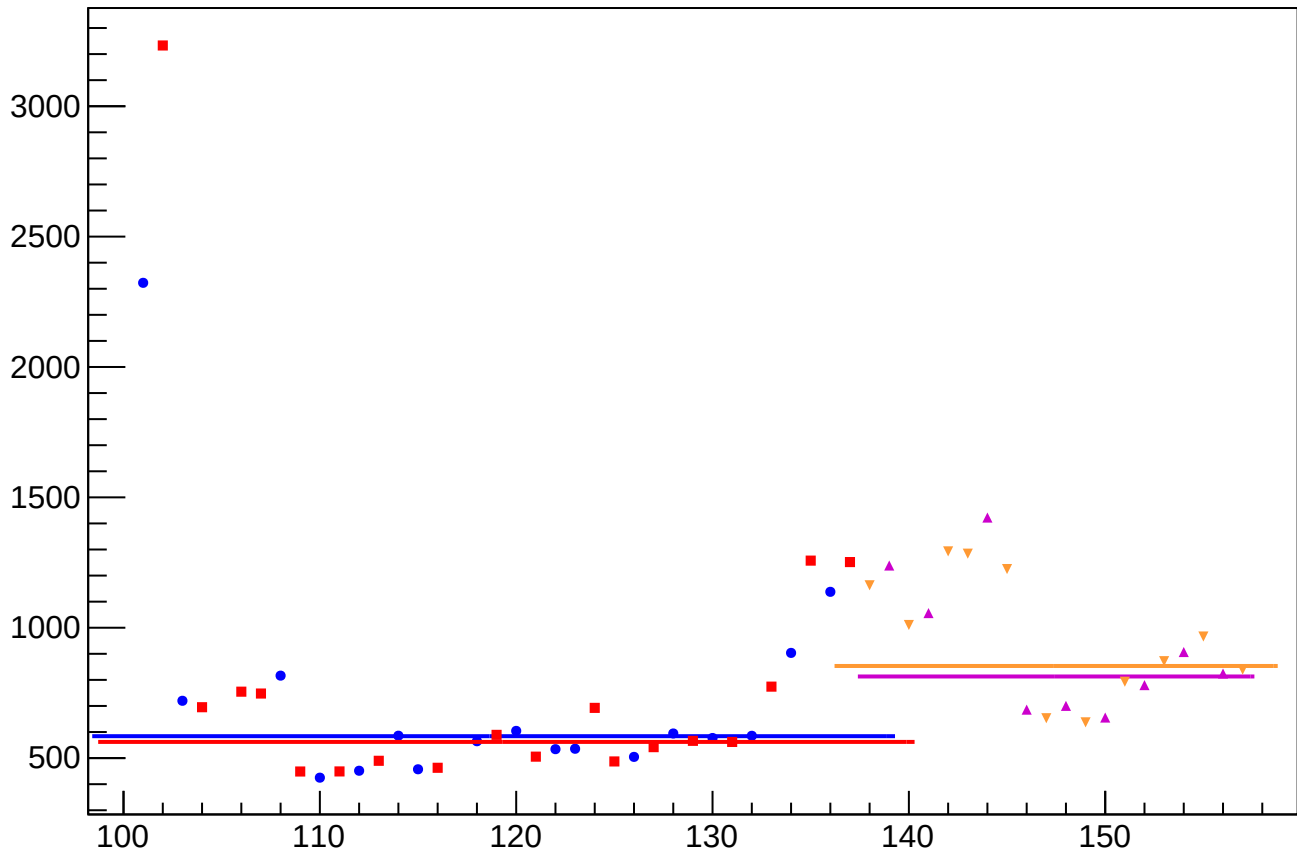
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 24.773 ± 188.534 χ^2/NDF : 25.5/25

Out: -21.931 ± 182.043 χ^2/NDF : 60.7/28

All: 0.603 ± 130.959 χ^2/NDF : 86.2/54

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 853.314+/-0.218 χ^2/NDF : 904098.9/10

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 813.049+/-0.217 χ^2/NDF : 806314.9/8

Left: 833.141+/-0.154 χ^2/NDF : 1727575.0/19

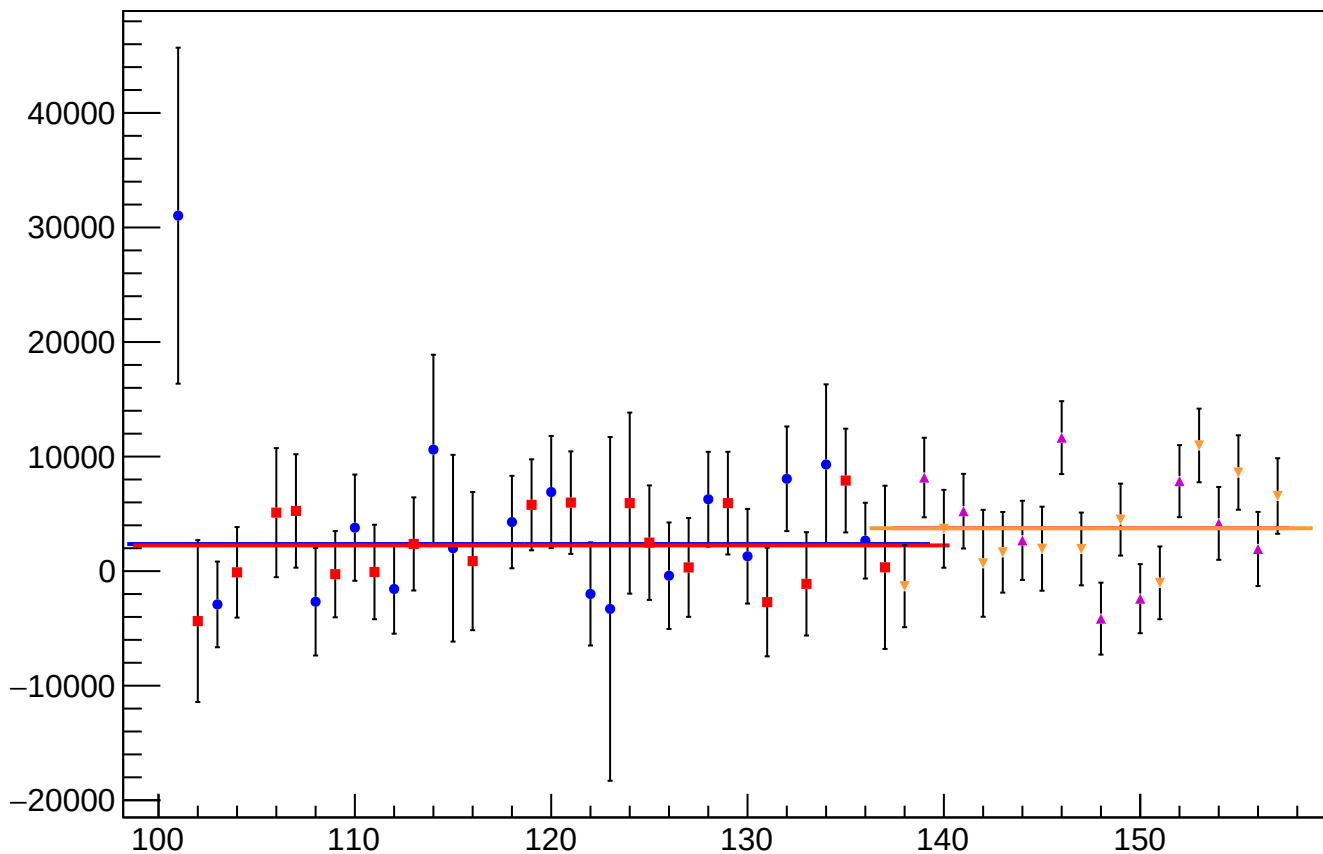
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 670.387+/-0.133 χ^2/NDF : 2935921.0/25

Out: 664.063+/-0.129 χ^2/NDF : 3593709.9/28

All: 667.114+/-0.093 χ^2/NDF : 6530795.3/54

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3746.227+/-1026.866 χ^2/NDF :13.7/10

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 3755.063+/-1074.071 χ^2/NDF :20.6/8

Left: 3750.447+/-742.231 χ^2/NDF : 34.3/19

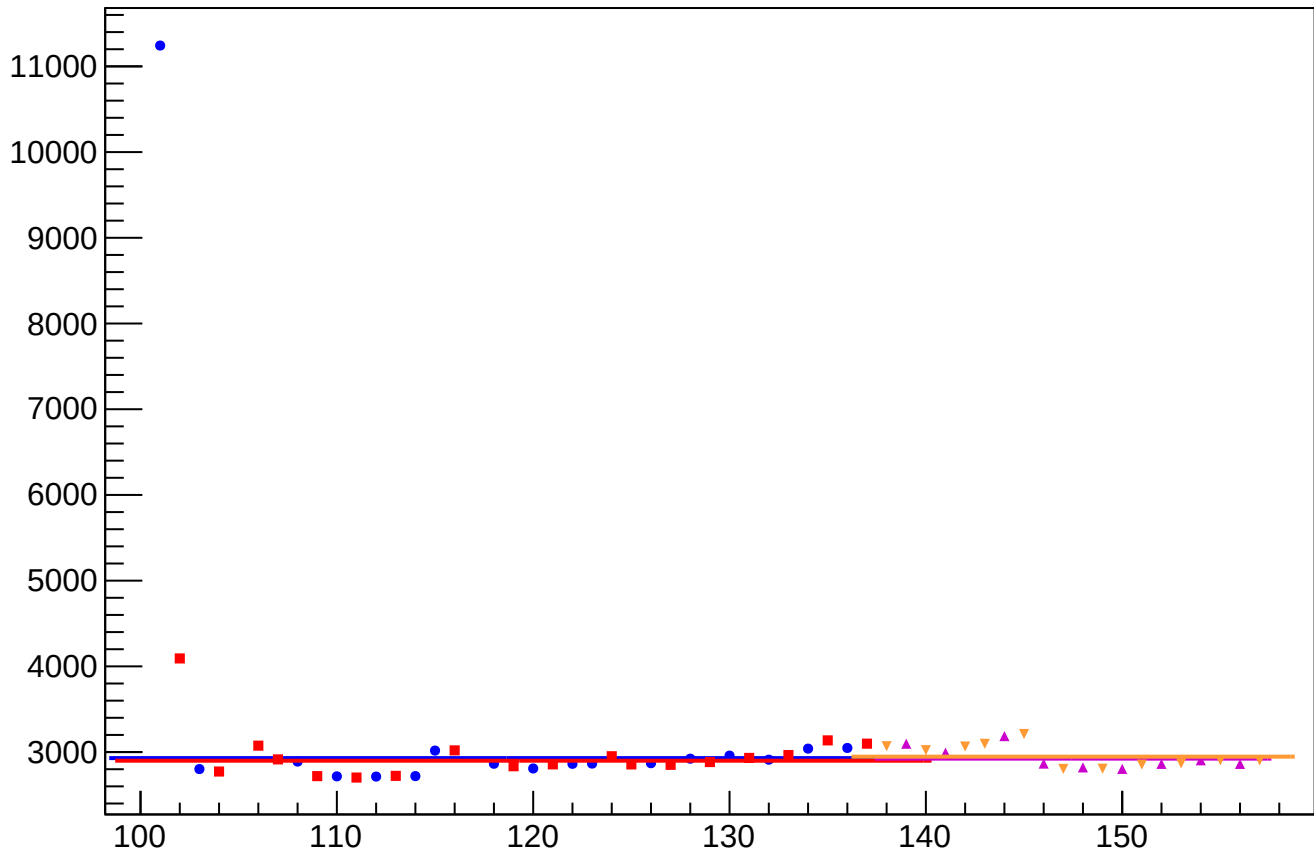
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 3112.368+/-788.094 χ^2/NDF :36.5/25

Out: 3055.418+/-754.387 χ^2/NDF :23.2/28

All: 3082.649+/-544.959 χ^2/NDF : 59.7/54

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2946.624+/-0.726 χ^2/NDF : 30206.0/10

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2923.391+/-0.759 χ^2/NDF : 24997.1/8

Left: 2935.529+/-0.525 χ^2/NDF : 55692.0/19

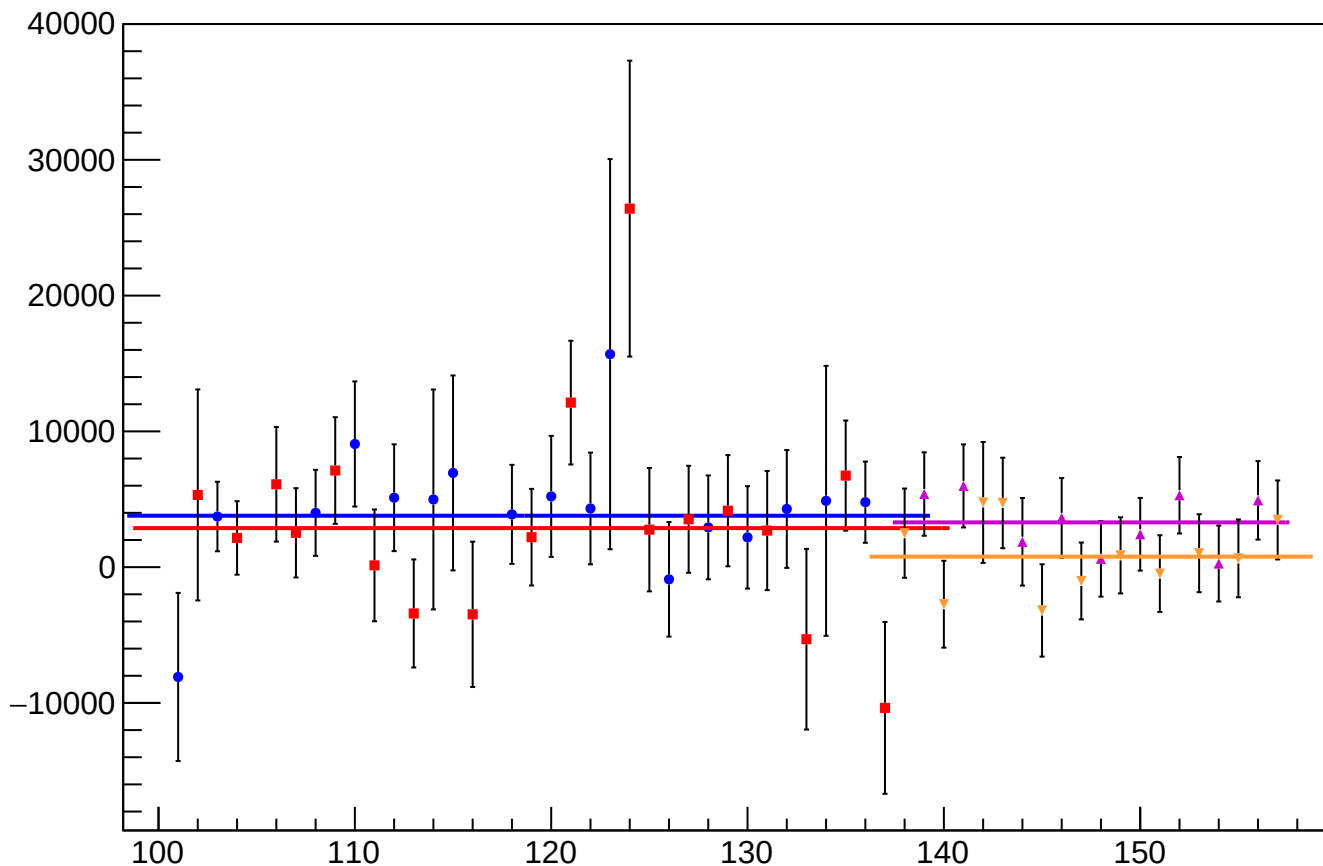
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2926.282+/-0.557 χ^2/NDF : 687657.5/25

Out: 2924.901+/-0.533 χ^2/NDF : 115693.5/28

All: 2925.562+/-0.385 χ^2/NDF : 803354.2/54

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 773.973 $\pm$ 930.249 χ^2/NDF : 6.5/10

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3297.044 $\pm$ 967.981 χ^2/NDF : 4.5/8

Left: 1985.376 $\pm$ 670.728 χ^2/NDF : 14.5/19

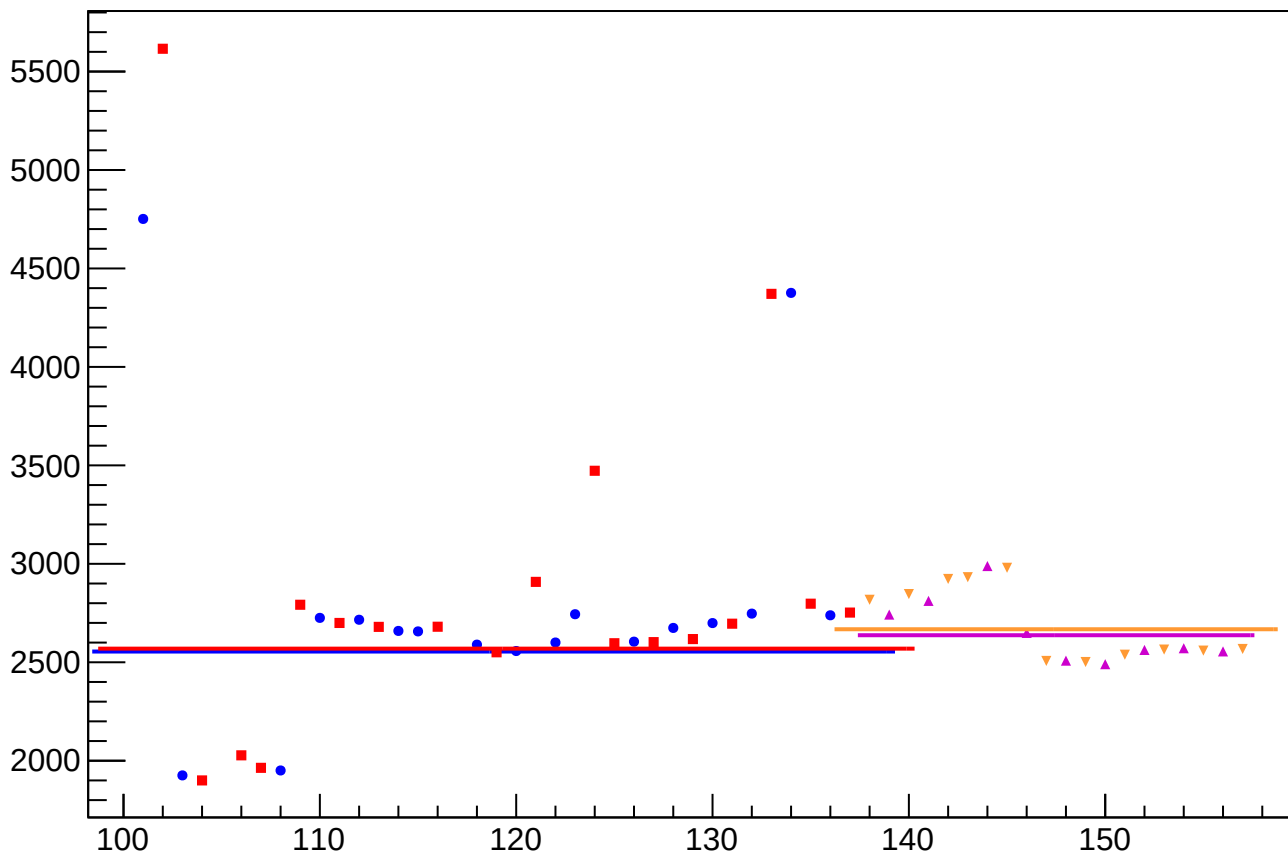
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3532.477 $\pm$ 698.225 χ^2/NDF : 12.3/25

Out: 1744.270 $\pm$ 682.394 χ^2/NDF : 30.9/28

All: 2617.873 $\pm$ 488.026 χ^2/NDF : 46.6/54

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2667.734 $\pm$ 0.658 χ^2/NDF : 71902.1/10

Right Out: 2569.256 $\pm$ 0.710 χ^2/NDF : 723332.1/17

Left In: 2637.388 $\pm$ 0.684 χ^2/NDF : 47057.0/8

Left: 2653.164 $\pm$ 0.474 χ^2/NDF : 119980.9/19

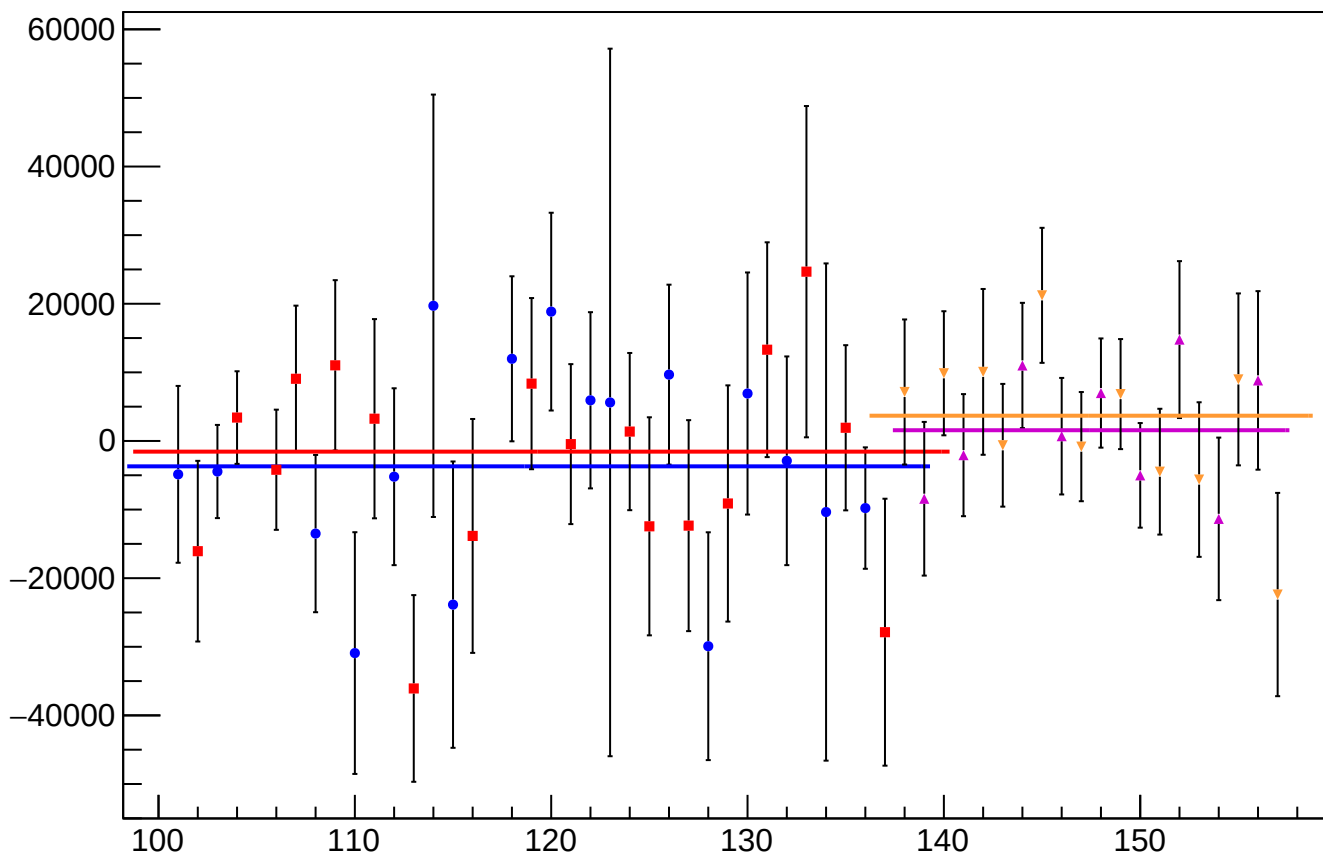
Right: 2561.929 $\pm$ 0.503 χ^2/NDF : 1260172.2/34

In: 2597.645 $\pm$ 0.494 χ^2/NDF : 590711.5/25

Out: 2622.228 $\pm$ 0.482 χ^2/NDF : 805591.2/28

All: 2610.221 $\pm$ 0.345 χ^2/NDF : 1397571.0/54

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 3681.939+/-2976.318 χ^2/NDF : 9.5/10

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: 1564.798+/-3160.172 χ^2/NDF : 6.1/8

Left: 2686.743+/-2166.657 χ^2/NDF : 15.8/19

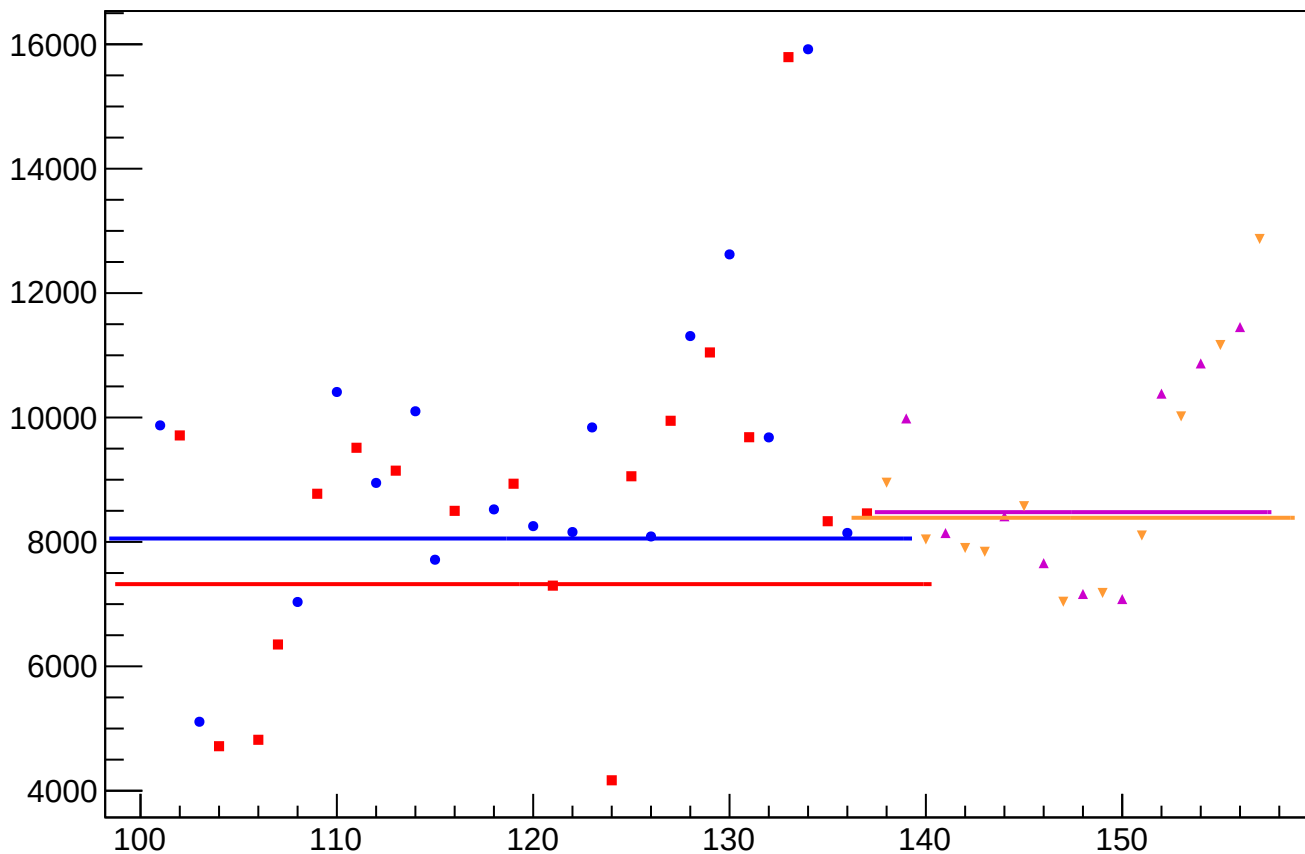
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -1019.765+/-2254.693 χ^2/NDF : 21.3/25

Out: 1005.704+/-2081.378 χ^2/NDF : 27.9/28

All: 73.799+/-1529.362 χ^2/NDF : 49.5/54

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8388.104+/-2.105 χ^2/NDF : 448095.4/10

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8478.606+/-2.235 χ^2/NDF : 421133.1/8

Left: 8430.646+/-1.532 χ^2/NDF : 870097.7/19

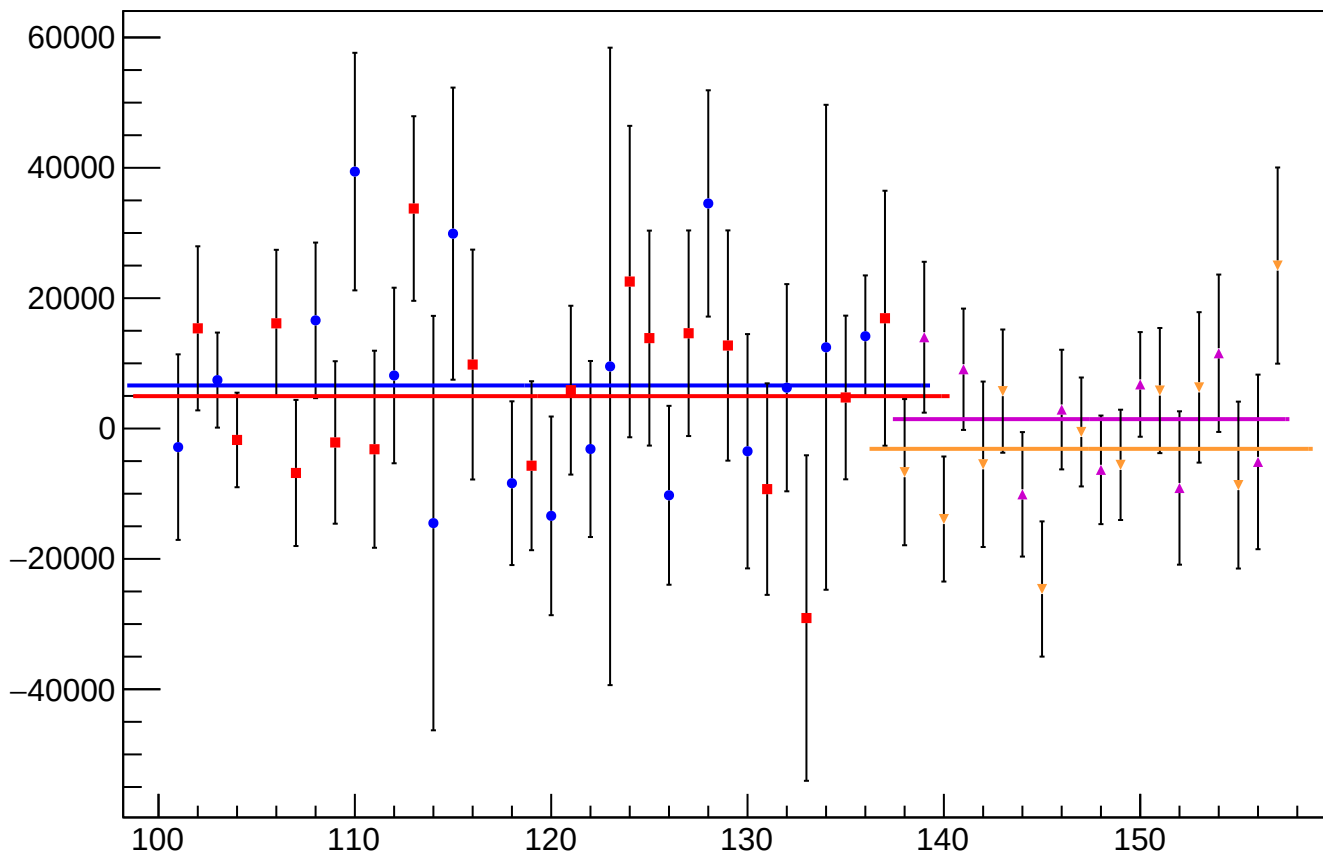
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8270.521+/-1.594 χ^2/NDF : 1259558.6/25

Out: 7843.074+/-1.472 χ^2/NDF : 1915309.5/28

All: 8039.740+/-1.081 χ^2/NDF : 3213677.8/54

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -3117.355 $\pm$ 3120.921 χ^2/NDF : 12.0/10

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 1440.977 $\pm$ 3307.075 χ^2/NDF : 6.4/8

Left: -970.087 $\pm$ 2269.782 χ^2/NDF : 19.4/19

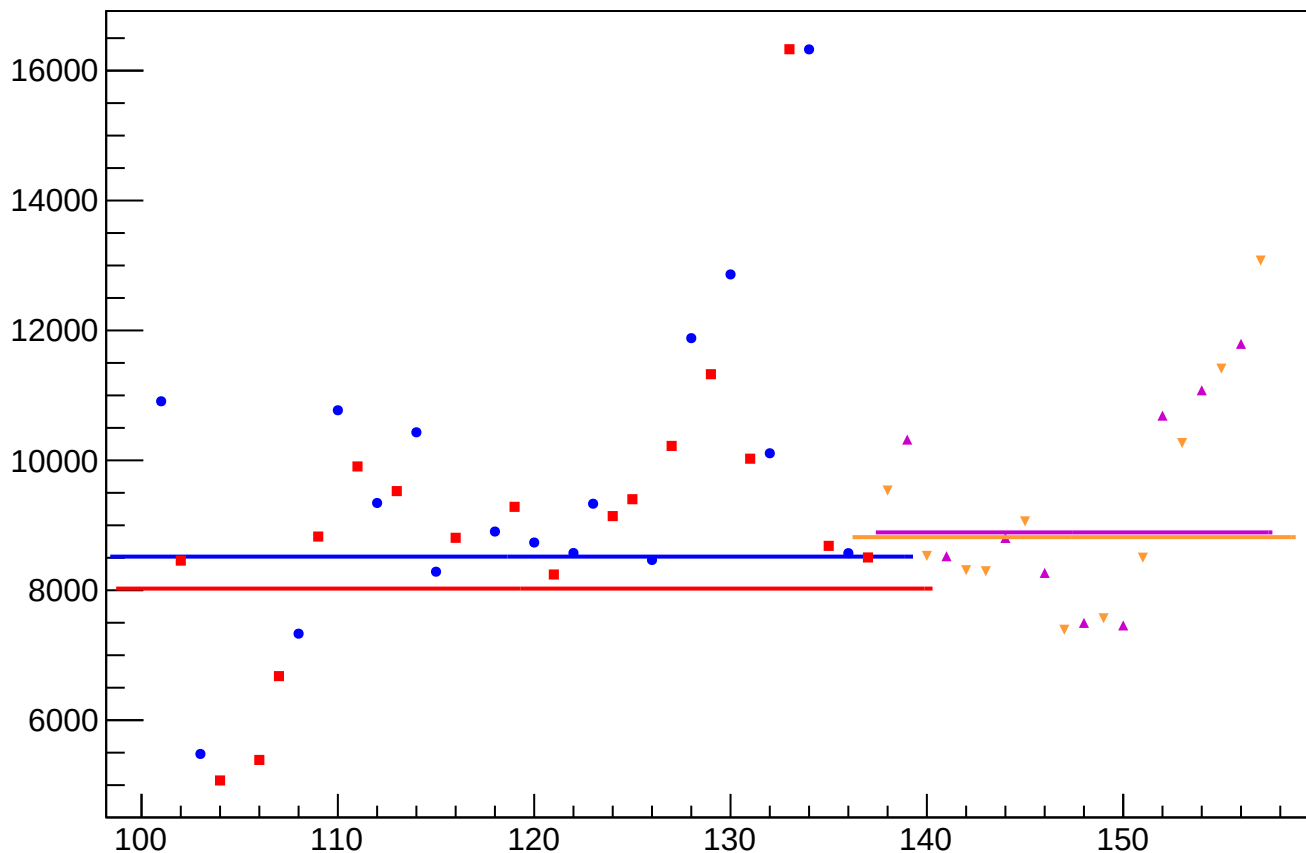
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 3955.729 $\pm$ 2369.224 χ^2/NDF : 22.3/25

Out: 853.406 $\pm$ 2226.340 χ^2/NDF : 28.8/28

All: 2308.204 $\pm$ 1622.423 χ^2/NDF : 52.0/54

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8817.702+/-2.207 χ^2/NDF : 398184.5/10

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8890.931+/-2.338 χ^2/NDF : 368868.8/8

Left: 8852.197+/-1.605 χ^2/NDF : 767572.0/19

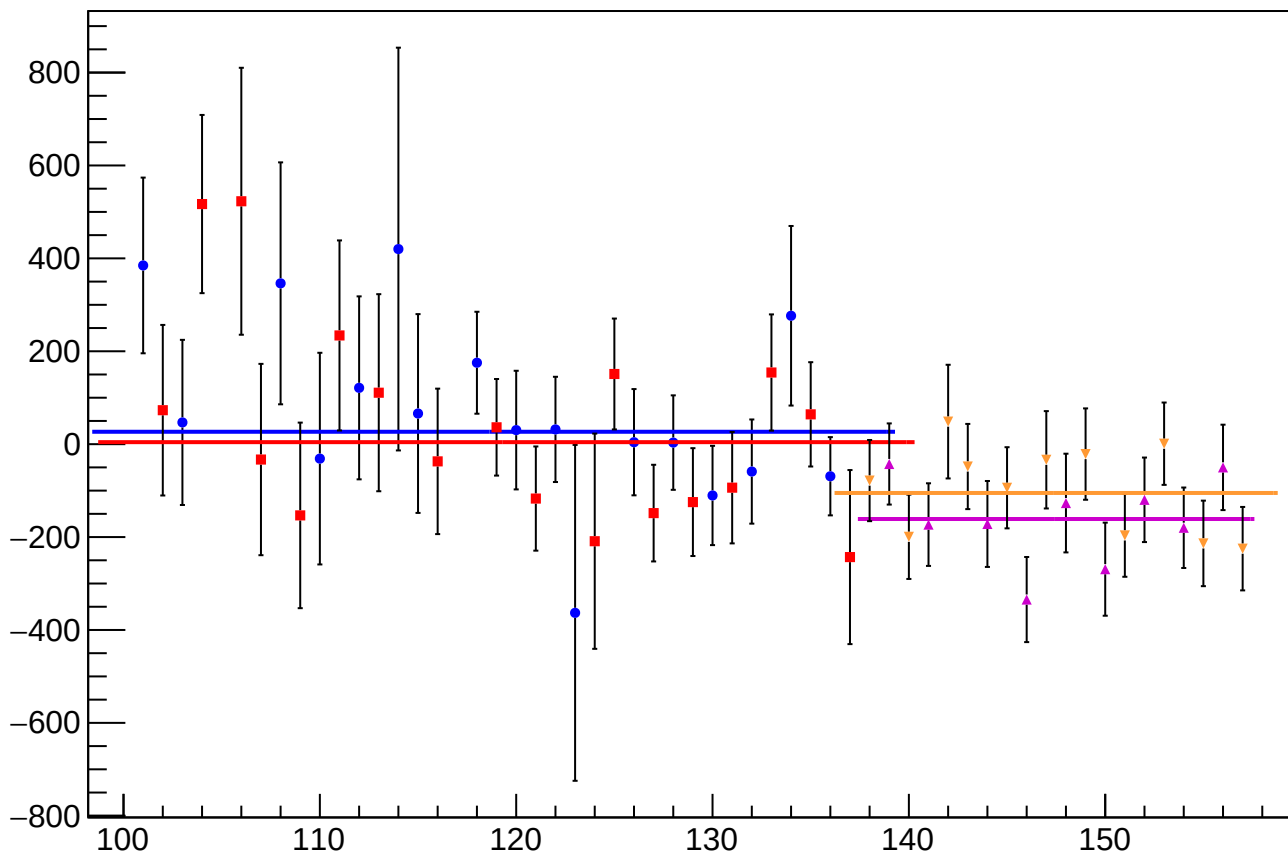
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8709.537+/-1.675 χ^2/NDF : 1153225.4/25

Out: 8428.891+/-1.574 χ^2/NDF : 1404045.6/28

All: 8560.494+/-1.147 χ^2/NDF : 2572174.5/54

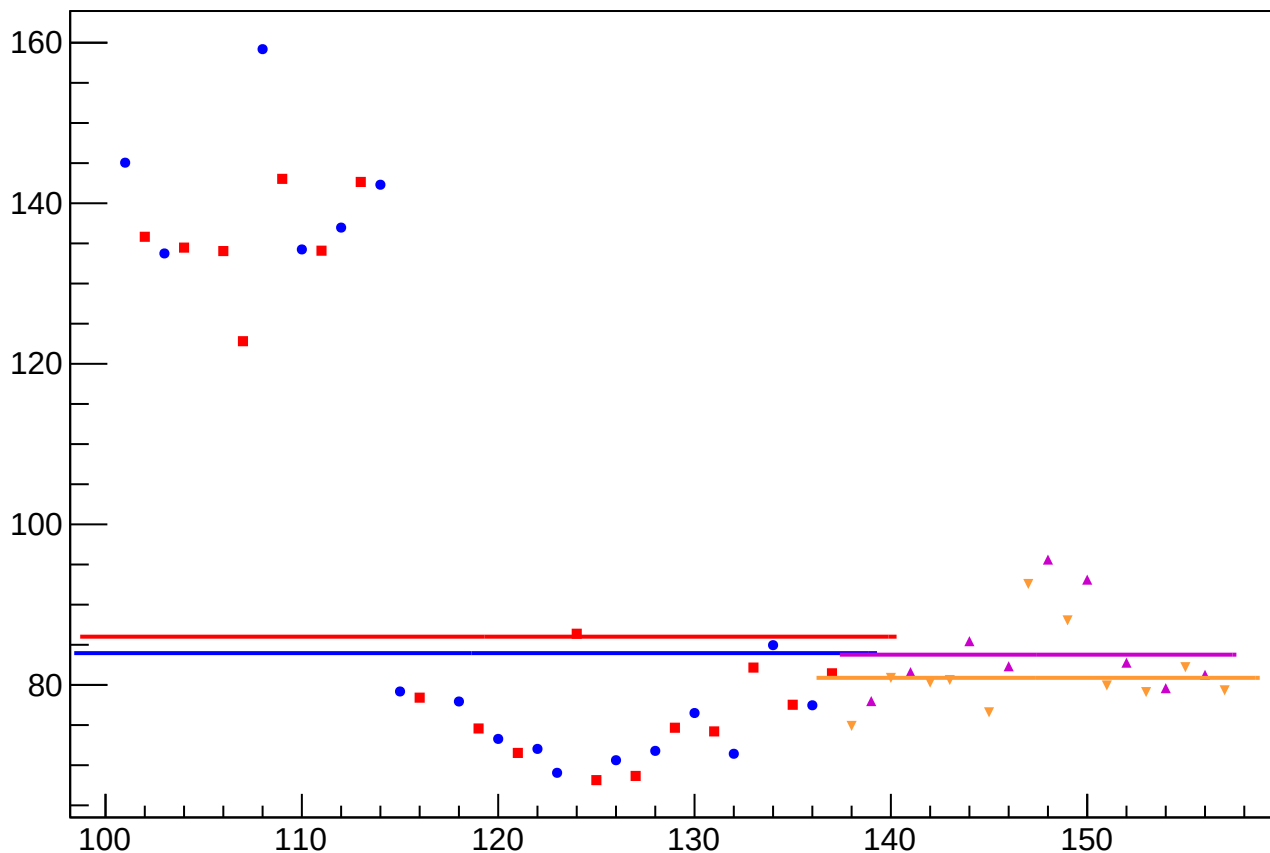
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
 Left Out: -105.042 ± 28.184 $\chi^2/\text{NDF}: 10.0/10$
 Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$
 Left In: -161.110 ± 30.801 $\chi^2/\text{NDF}: 8.4/8$

Left: -130.593 ± 20.793 $\chi^2/\text{NDF}: 20.2/19$
 Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$
 In: -75.418 ± 22.713 $\chi^2/\text{NDF}: 39.9/25$
 Out: -60.247 ± 21.657 $\chi^2/\text{NDF}: 40.1/28$
 All: -67.472 ± 15.674 $\chi^2/\text{NDF}: 80.3/54$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.883 $\pm$ 0.020 χ^2 /NDF: 51835.2/10

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 83.769 $\pm$ 0.022 χ^2 /NDF: 59747.4/8

Left: 82.199 $\pm$ 0.015 χ^2 /NDF: 121137.6/19

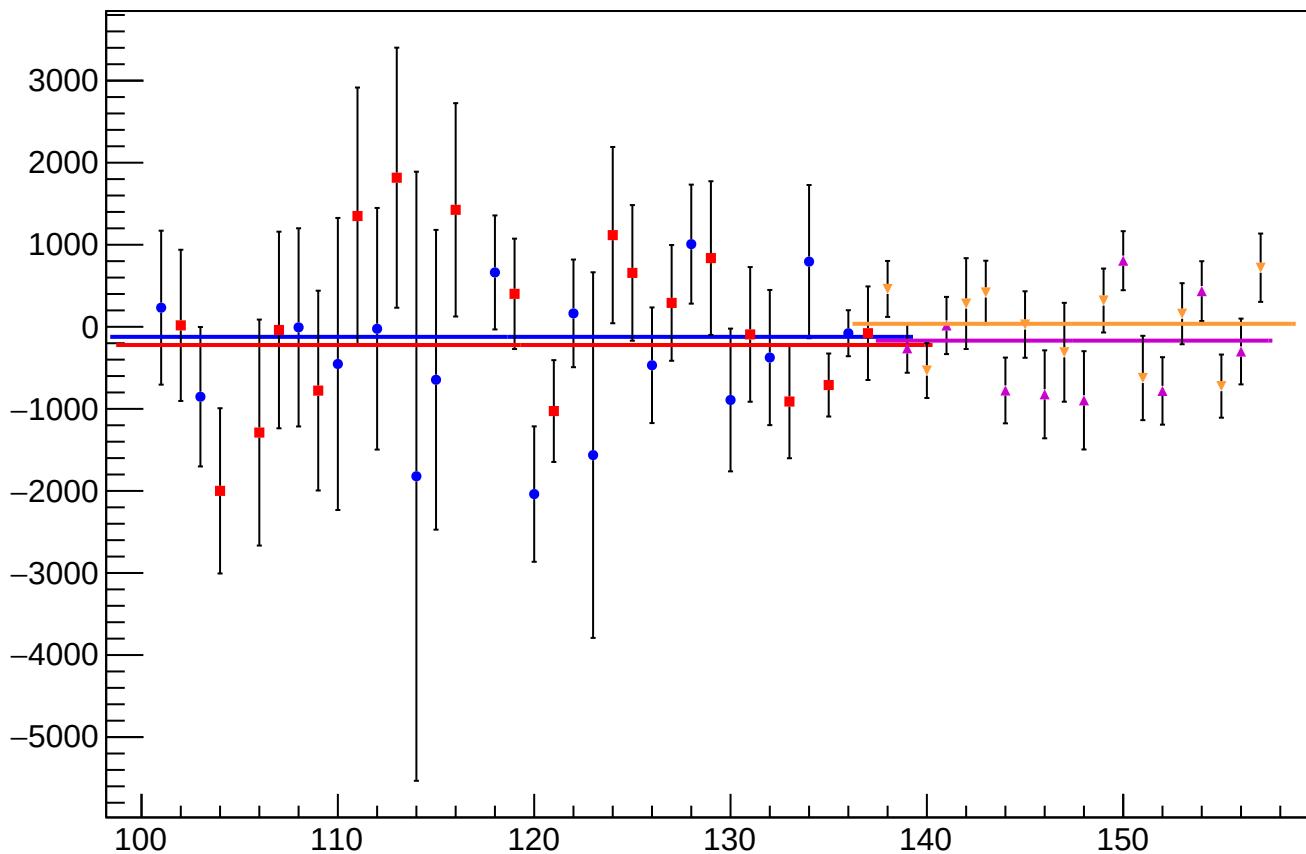
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.857 $\pm$ 0.016 χ^2 /NDF: 1020036.2/25

Out: 82.984 $\pm$ 0.015 χ^2 /NDF: 1105360.7/28

All: 83.399 $\pm$ 0.011 χ^2 /NDF: 2126943.5/54

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2 /NDF: 13.0/16

Left Out: 36.589+/-122.657 χ^2 /NDF:14.8/10

Right Out: -221.525+/-185.098 χ^2 /NDF: 18.0/17

Left In: -168.419+/-129.712 χ^2 /NDF:18.1/8

Left: -60.188+/-89.121 χ^2 /NDF: 34.2/19

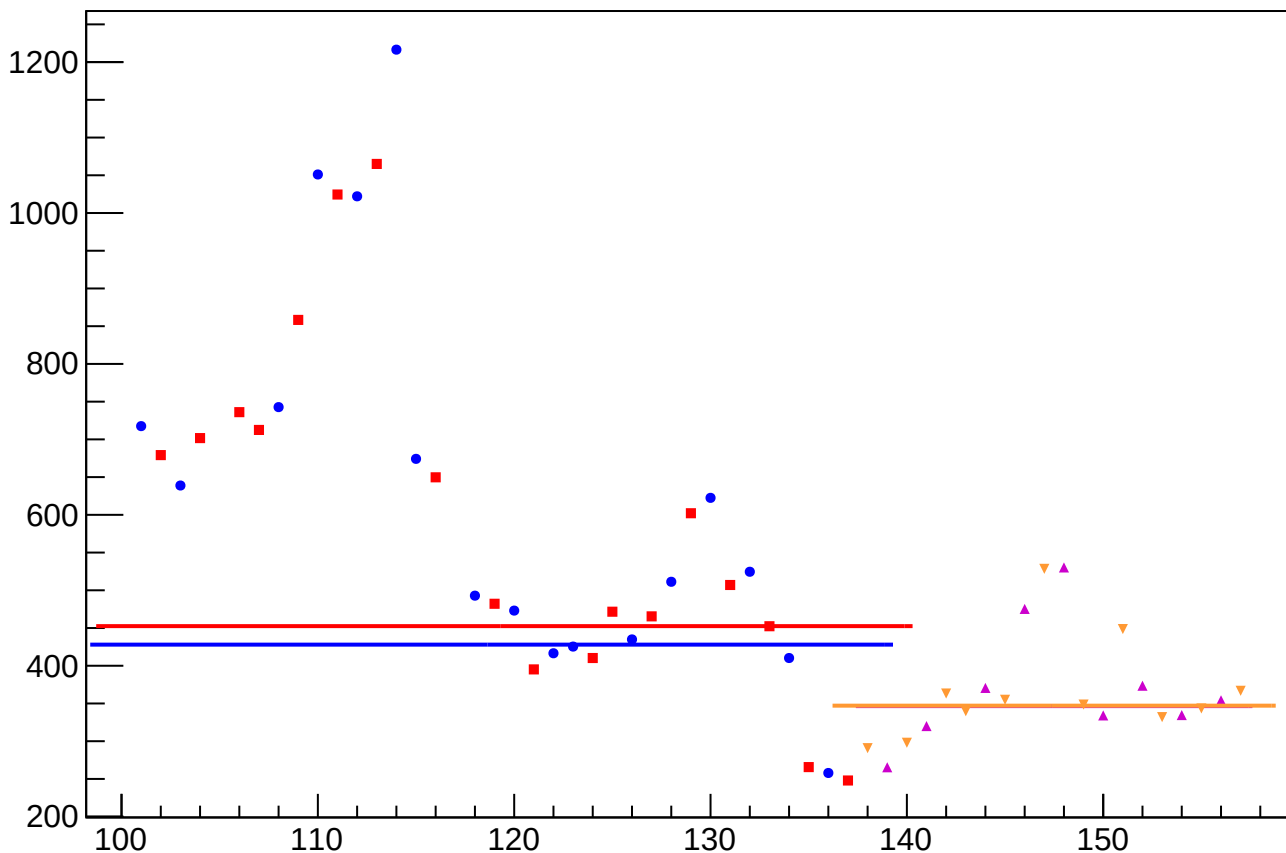
Right: -170.470+/-128.892 χ^2 /NDF: 31.2/34

In: -152.646+/-105.152 χ^2 /NDF:31.1/25

Out: -42.169+/-102.246 χ^2 /NDF:34.2/28

All: -95.860+/-73.305 χ^2 /NDF: 65.9/54

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 347.102 $\pm$ 0.087 χ^2 /NDF:368101.2/10

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 346.510 $\pm$ 0.092 χ^2 /NDF:484898.6/8

Left: 346.823 $\pm$ 0.063 χ^2 /NDF: 853021.8/19

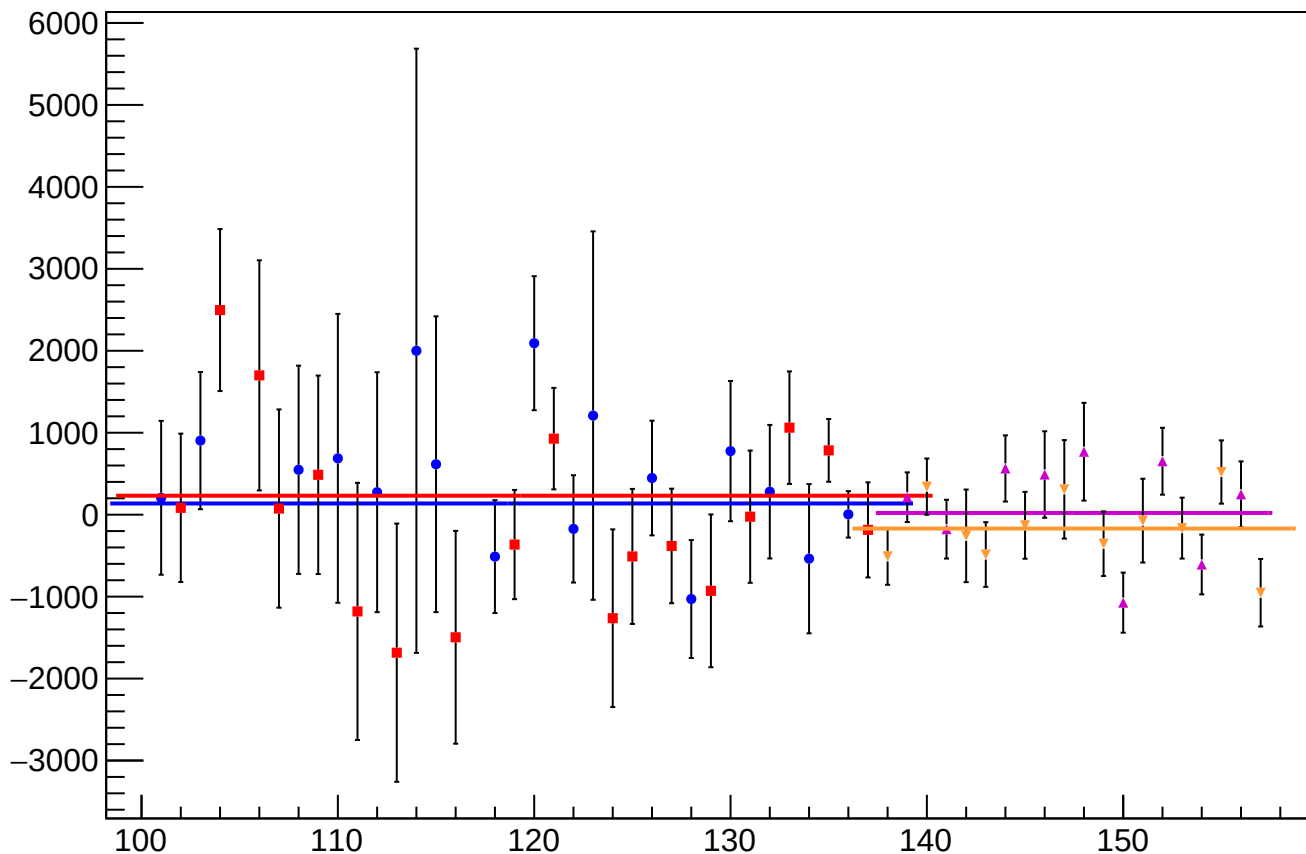
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 374.443 $\pm$ 0.074 χ^2 /NDF:2817667.4/25

Out: 379.264 $\pm$ 0.072 χ^2 /NDF:2891803.5/28

All: 376.921 $\pm$ 0.052 χ^2 /NDF: 5711632.1/54

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -169.207 ± 123.831 $\chi^2/\text{NDF}: 11.5/10$

Right Out: 231.586 ± 184.578 $\chi^2/\text{NDF}: 21.8/17$

Left In: 21.030 ± 130.949 $\chi^2/\text{NDF}: 19.5/8$

Left: -79.399 ± 89.973 $\chi^2/\text{NDF}: 32.1/19$

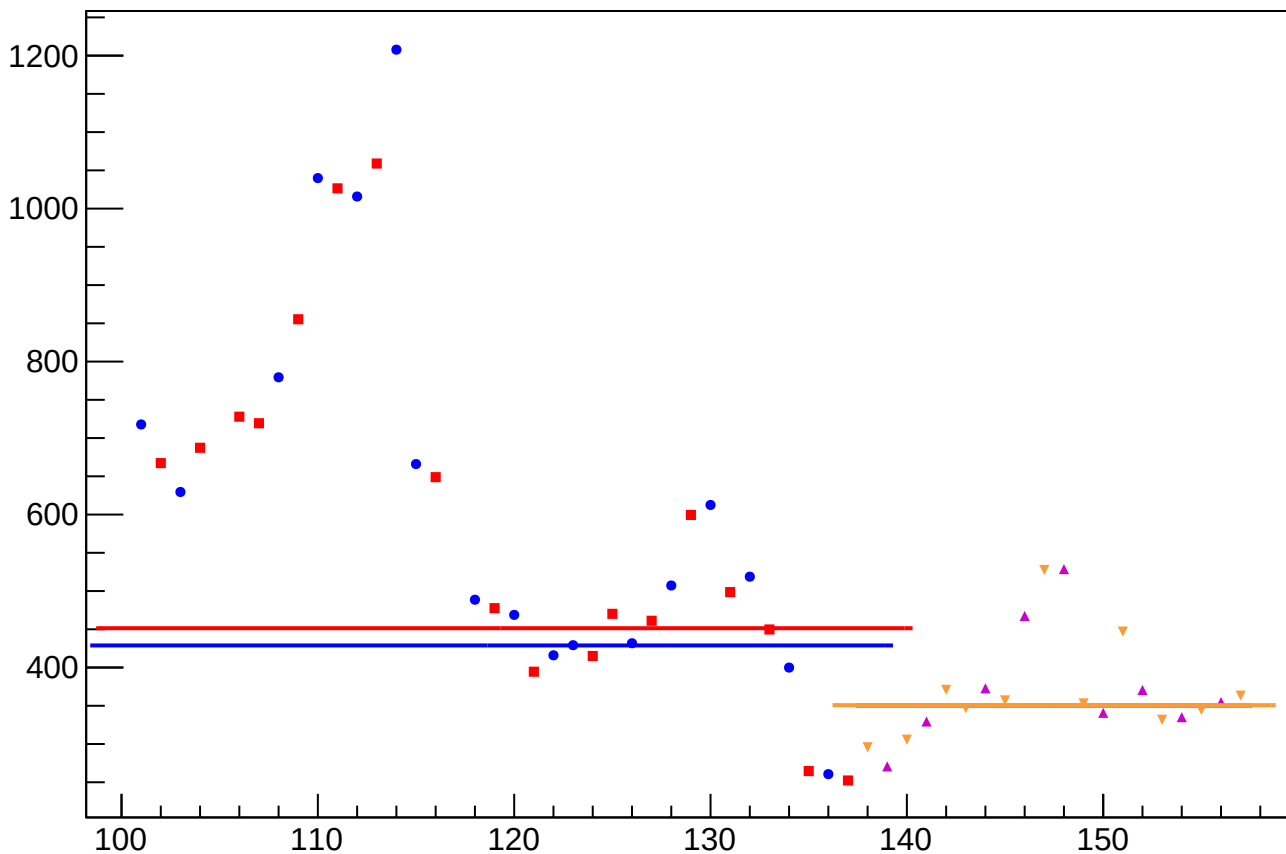
Right: 182.905 ± 128.724 $\chi^2/\text{NDF}: 34.5/34$

In: 61.213 ± 105.812 $\chi^2/\text{NDF}: 32.3/25$

Out: -44.806 ± 102.833 $\chi^2/\text{NDF}: 36.6/28$

All: 6.690 ± 73.745 $\chi^2/\text{NDF}: 69.4/54$

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 350.821 $\pm$ 0.088 χ^2 /NDF:339517.3/10

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 350.299 $\pm$ 0.093 χ^2 /NDF:437813.6/8

Left: 350.575 $\pm$ 0.064 χ^2 /NDF: 777347.6/19

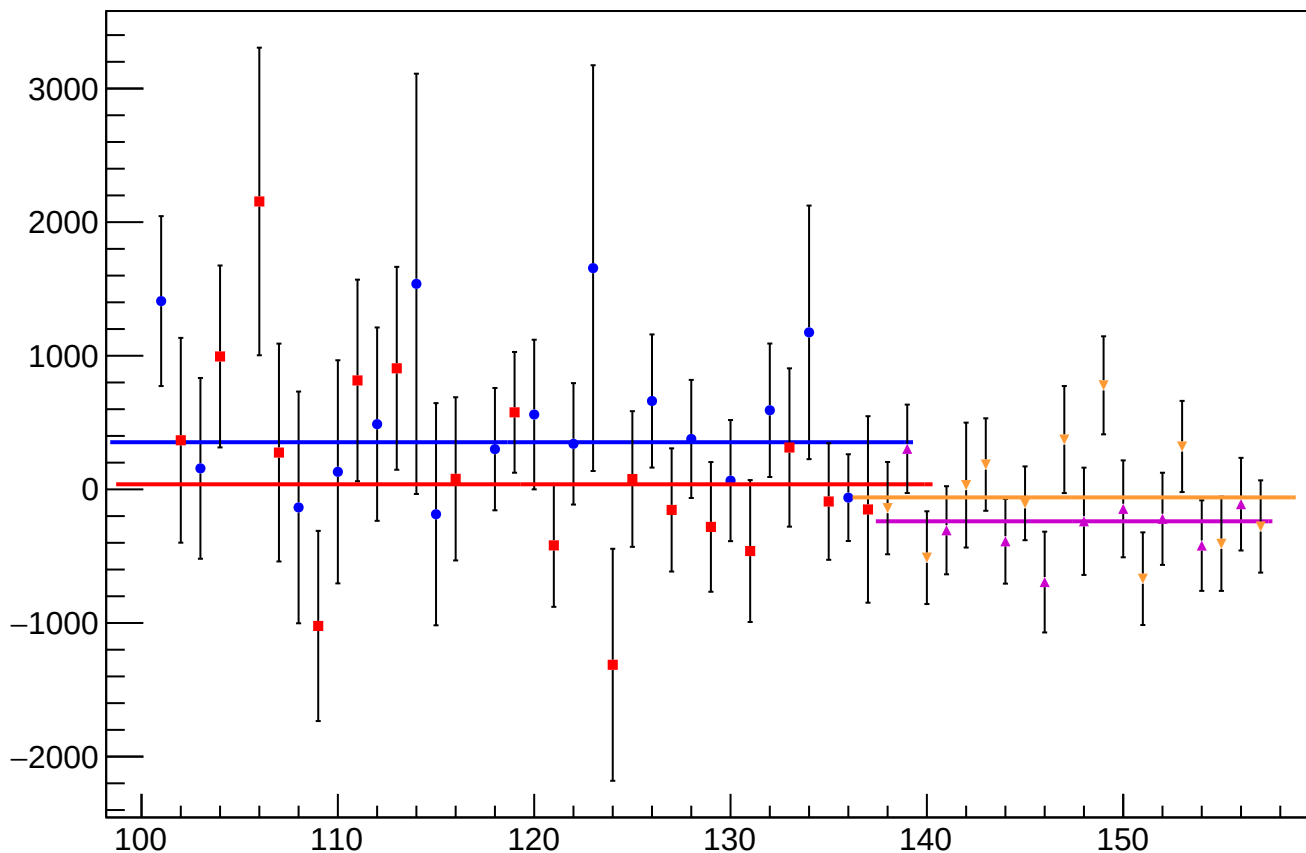
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 377.576 $\pm$ 0.075 χ^2 /NDF:2698426.9/25

Out: 382.043 $\pm$ 0.073 χ^2 /NDF:2779885.3/28

All: 379.873 $\pm$ 0.052 χ^2 /NDF: 5480145.4/54

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -60.060 ± 105.588 $\chi^2/\text{NDF}: 14.4/10$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -238.962 ± 115.815 $\chi^2/\text{NDF}: 4.9/8$

Left: -141.265 ± 78.028 $\chi^2/\text{NDF}: 20.6/19$

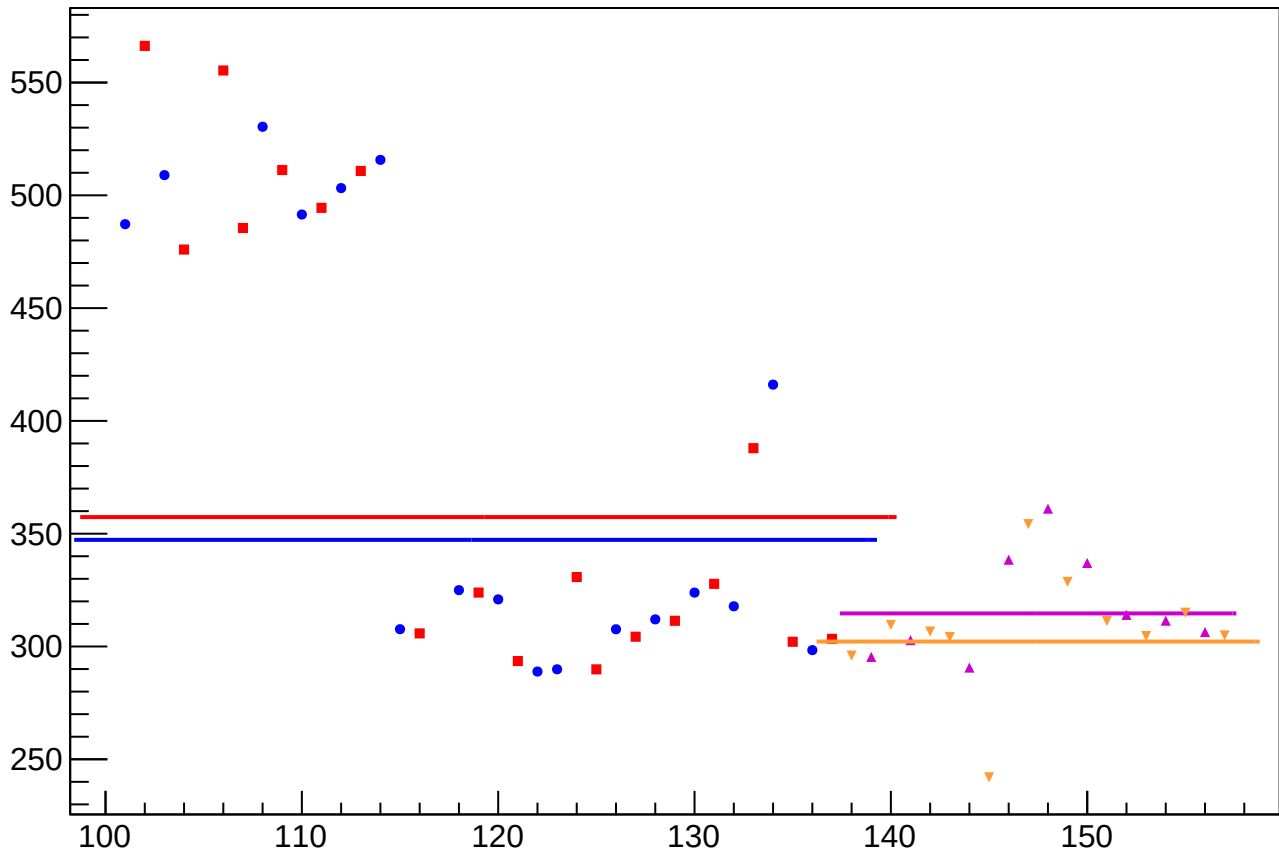
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 7.106 ± 88.526 $\chi^2/\text{NDF}: 24.3/25$

Out: -24.195 ± 84.086 $\chi^2/\text{NDF}: 31.6/28$

All: -9.349 ± 60.967 $\chi^2/\text{NDF}: 56.0/54$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.190+/-0.075 χ^2/NDF :145176.3/10

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 314.657+/-0.082 χ^2/NDF :64493.9/8

Left: 307.849+/-0.055 χ^2/NDF : 222324.7/19

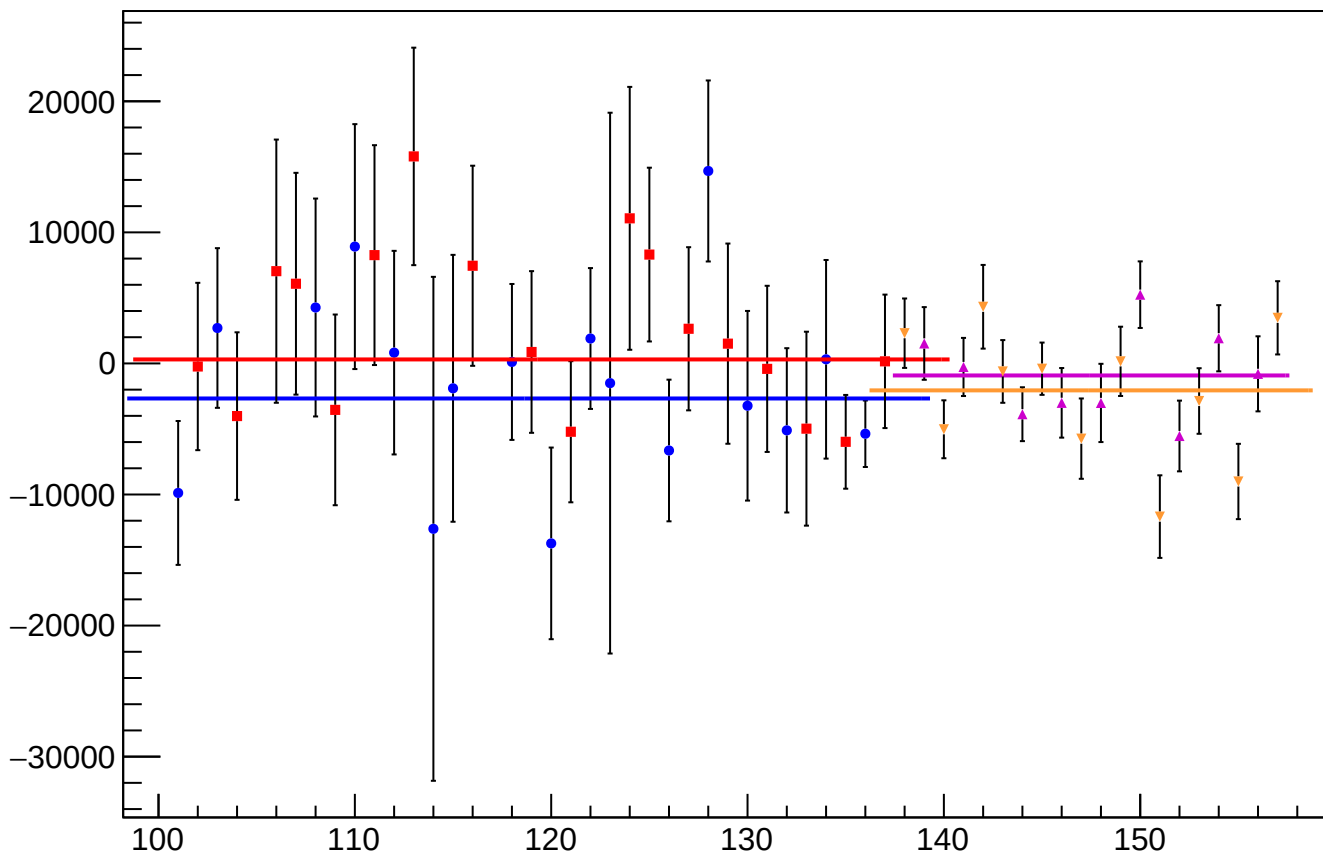
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 328.219+/-0.063 χ^2/NDF :749372.2/25

Out: 322.374+/-0.059 χ^2/NDF :1104889.0/28

All: 325.147+/-0.043 χ^2/NDF : 1858844.6/54

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2055.912+/-783.000 χ^2/NDF :30.9/10

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -917.835+/-846.510 χ^2/NDF :14.1/8

Left: -1531.163+/-574.807 χ^2/NDF : 46.0/19

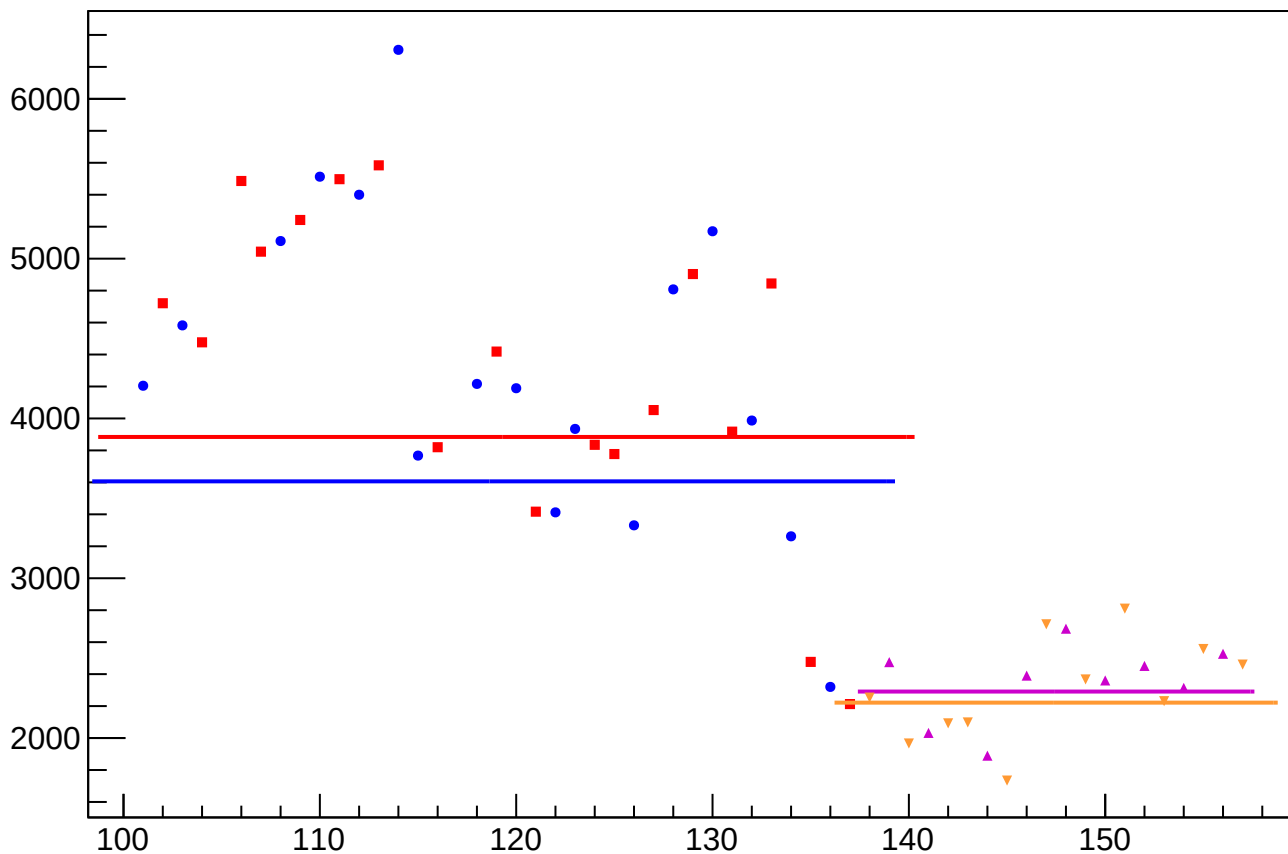
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1361.410+/-731.838 χ^2/NDF :32.0/25

Out: -1559.723+/-695.865 χ^2/NDF :47.2/28

All: -1465.560+/-504.289 χ^2/NDF : 79.2/54

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2221.573+/-0.554 χ^2/NDF : 324056.9/10

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2290.901+/-0.599 χ^2/NDF : 172217.9/8

Left: 2253.539+/-0.406 χ^2/NDF : 503504.1/19

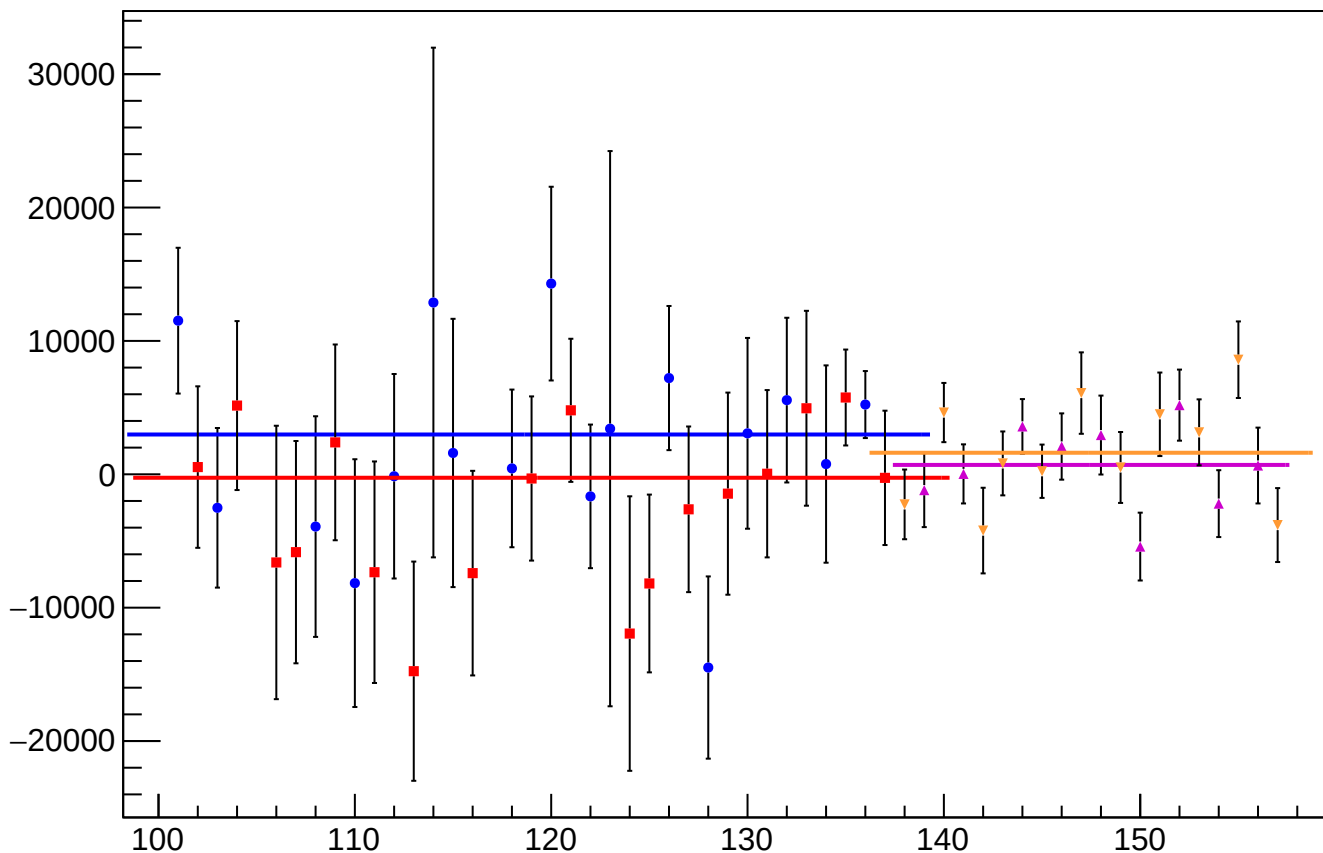
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2623.157+/-0.517 χ^2/NDF : 2484609.9/25

Out: 2571.033+/-0.492 χ^2/NDF : 3214020.1/28

All: 2595.782+/-0.357 χ^2/NDF : 5703958.3/54

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1615.266+/-781.666 χ^2/NDF : 21.2/10

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 702.507+/-837.362 χ^2/NDF : 13.4/8

Left: 1190.249+/-571.397 χ^2/NDF : 35.2/19

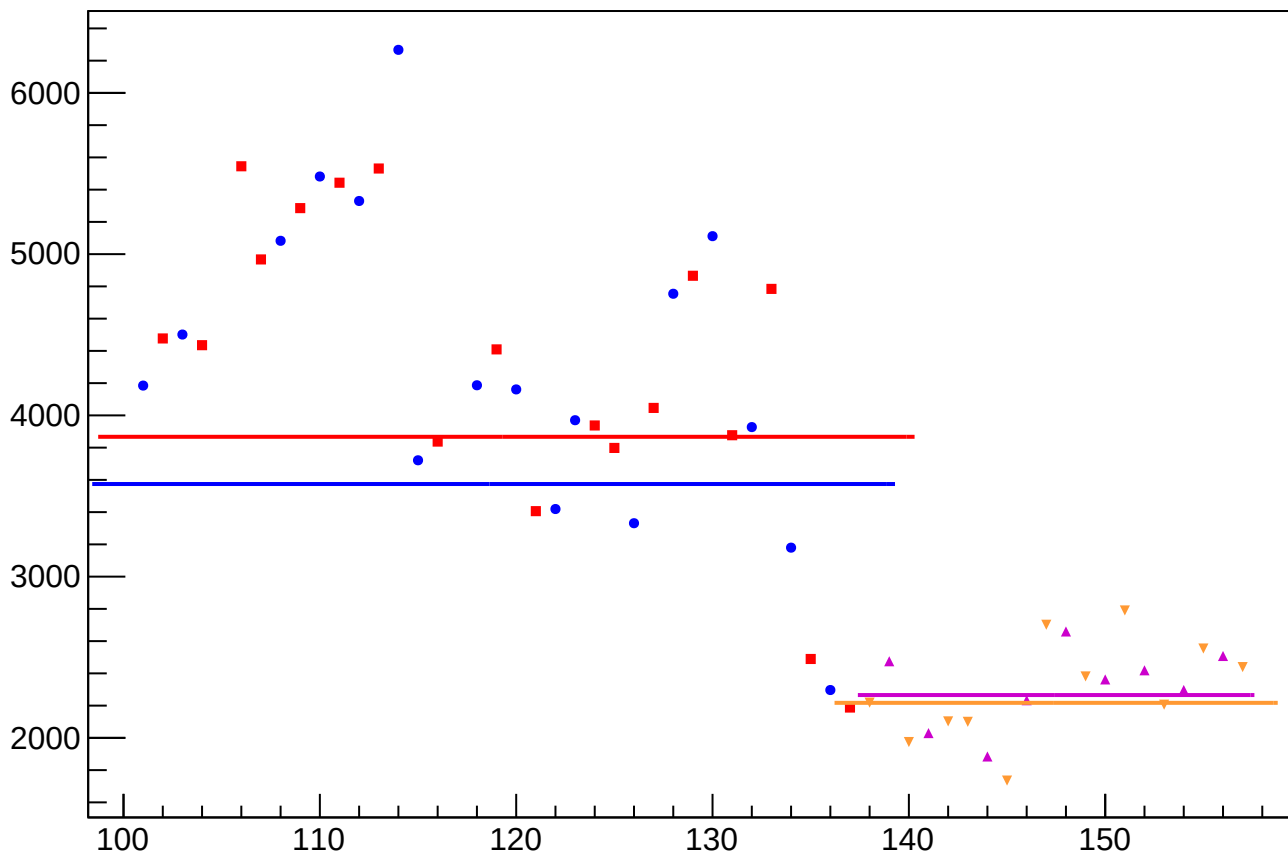
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1276.766+/-724.332 χ^2/NDF : 32.7/25

Out: 1219.151+/-694.205 χ^2/NDF : 35.9/28

All: 1246.736+/-501.189 χ^2/NDF : 68.6/54

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2217.266 $\pm$ 0.553 χ^2 /NDF:313027.4/10

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2265.606 $\pm$ 0.592 χ^2 /NDF:163397.7/8

Left: 2239.775 $\pm$ 0.404 χ^2 /NDF: 479986.8/19

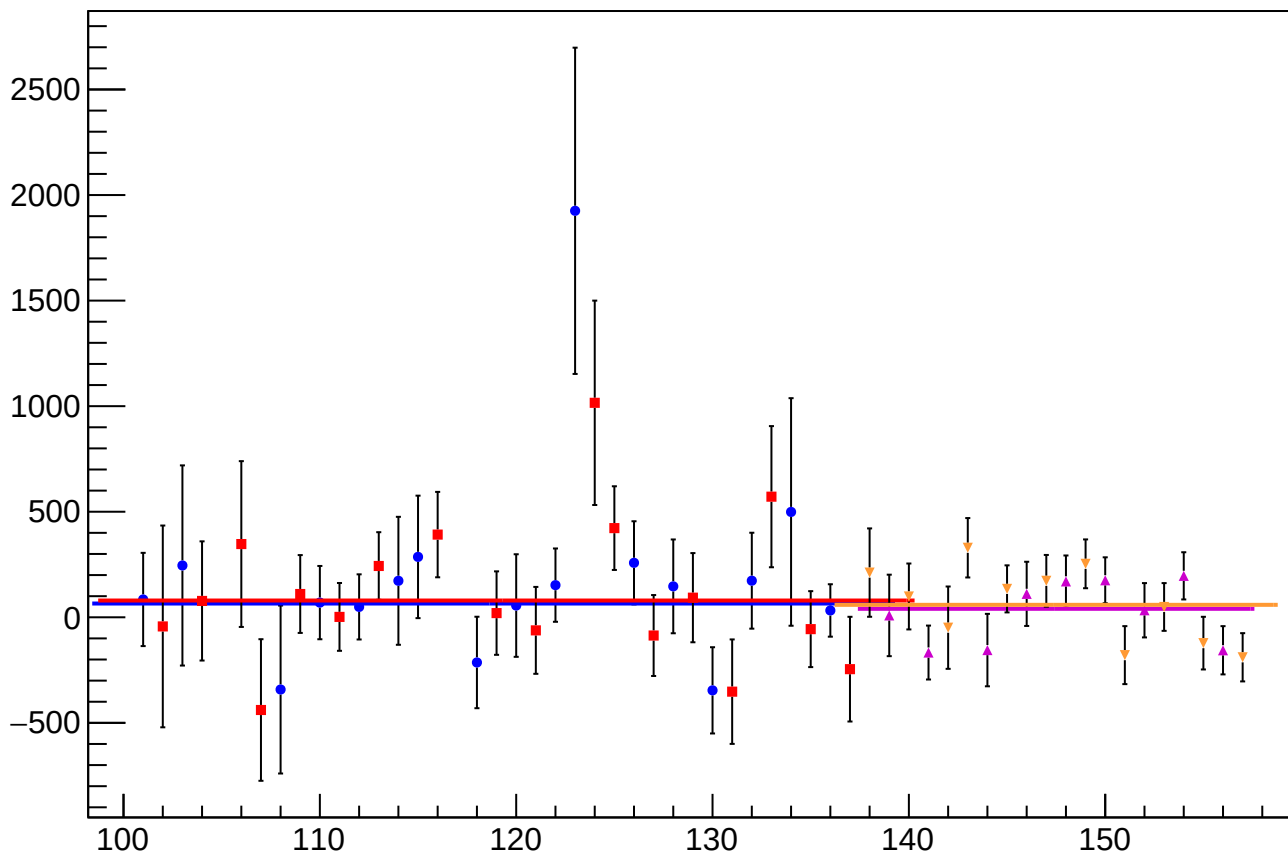
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2595.081 $\pm$ 0.512 χ^2 /NDF:2484689.3/25

Out: 2565.842 $\pm$ 0.491 χ^2 /NDF:3163776.1/28

All: 2579.841 $\pm$ 0.354 χ^2 /NDF: 5650164.1/54

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 59.042 $\pm$ 39.689 χ^2 /NDF:18.6/10

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 40.133 $\pm$ 43.302 χ^2 /NDF:11.7/8

Left: 50.409 $\pm$ 29.258 χ^2 /NDF: 30.4/19

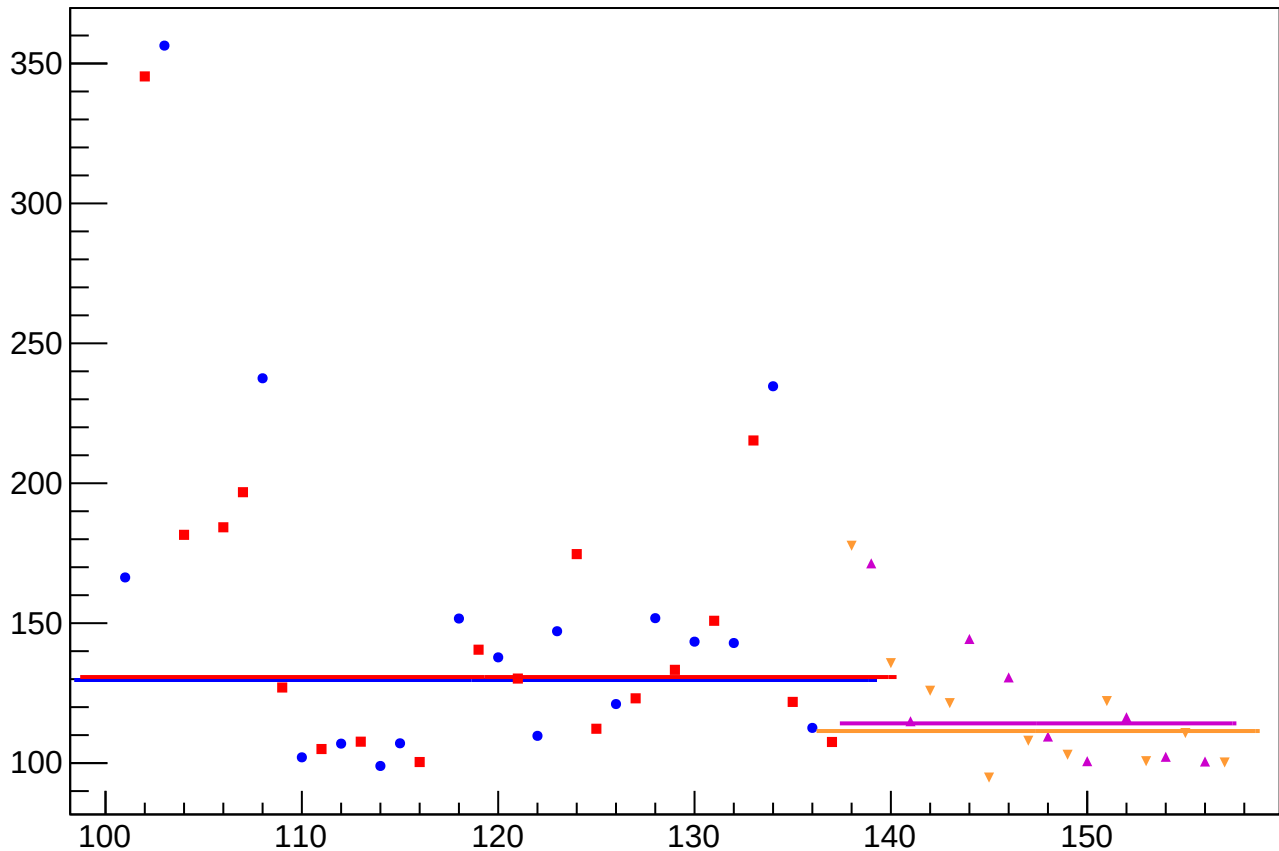
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 50.246 $\pm$ 33.457 χ^2 /NDF:27.6/25

Out: 66.501 $\pm$ 31.626 χ^2 /NDF:40.9/28

All: 58.830 $\pm$ 22.983 χ^2 /NDF: 68.6/54

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.461 $\pm$ 0.028 χ^2 /NDF: 376042.5/10

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 114.195 $\pm$ 0.031 χ^2 /NDF: 346430.7/8

Left: 112.709 $\pm$ 0.021 χ^2 /NDF: 726804.9/19

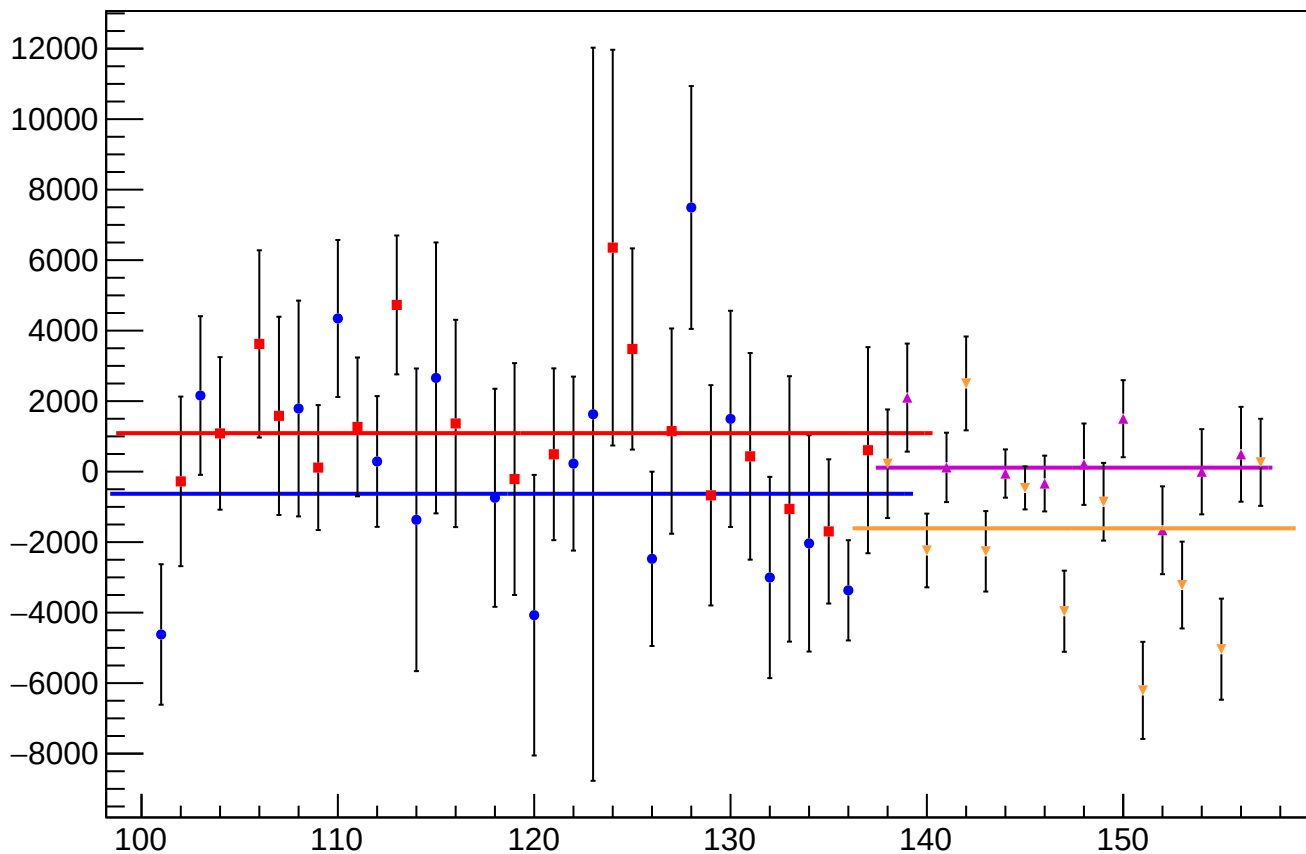
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 120.442 $\pm$ 0.024 χ^2 /NDF: 1439419.9/25

Out: 118.503 $\pm$ 0.022 χ^2 /NDF: 1476047.1/28

All: 119.418 $\pm$ 0.016 χ^2 /NDF: 2919016.0/54

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1607.605 ± 328.735 $\chi^2/\text{NDF}: 40.7/10$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: 112.729 ± 339.924 $\chi^2/\text{NDF}: 5.8/8$

Left: -776.217 ± 236.308 $\chi^2/\text{NDF}: 59.7/19$

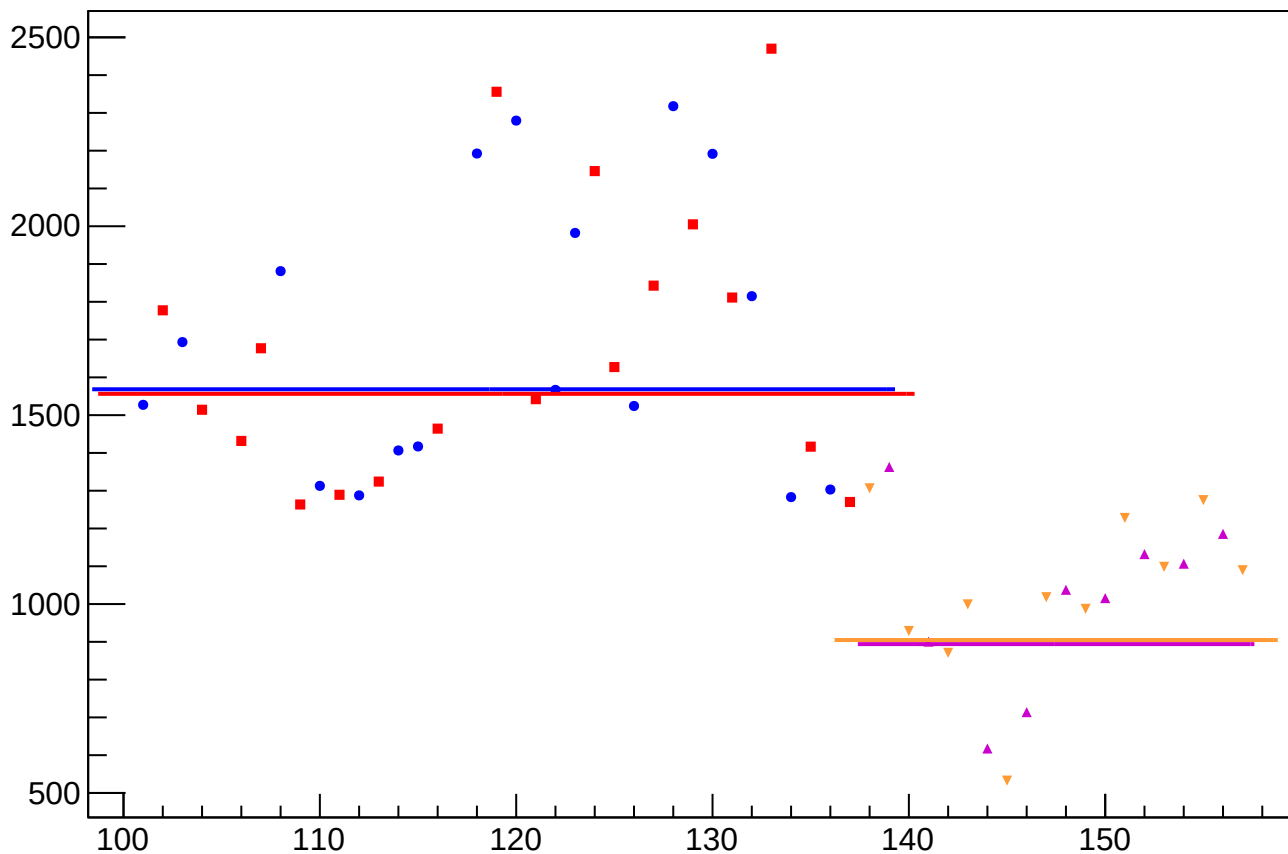
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: -57.880 ± 298.230 $\chi^2/\text{NDF}: 31.2/25$

Out: -983.508 ± 288.242 $\chi^2/\text{NDF}: 65.6/28$

All: -536.453 ± 207.259 $\chi^2/\text{NDF}: 101.8/54$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 904.735+/-0.232 χ^2/NDF : 1262510.2/10

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 893.984+/-0.240 χ^2/NDF : 901265.7/8

Left: 899.539+/-0.167 χ^2/NDF : 2164809.6/19

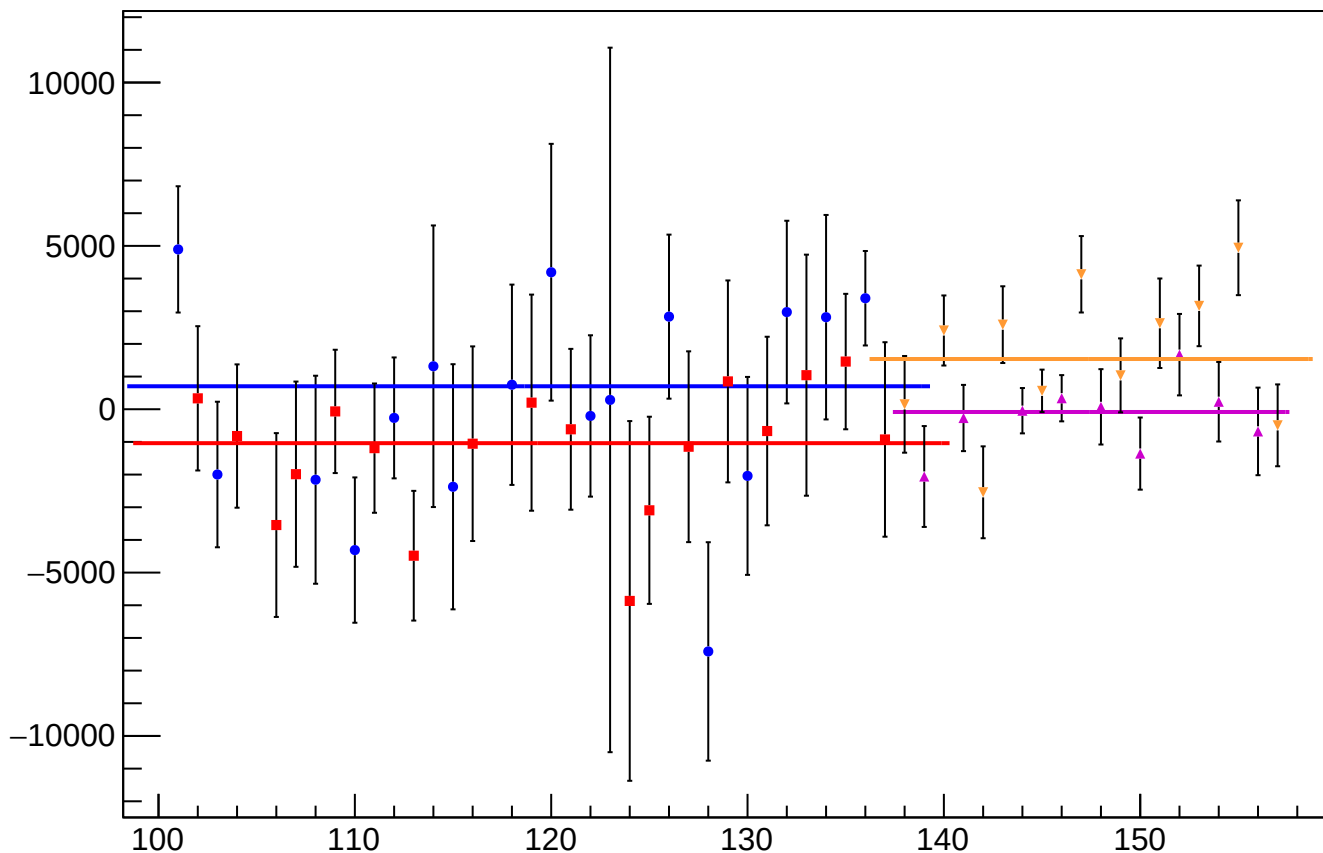
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1049.301+/-0.211 χ^2/NDF : 3248737.7/25

Out: 1055.396+/-0.204 χ^2/NDF : 3590061.1/28

All: 1052.452+/-0.147 χ^2/NDF : 6839230.7/54

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1537.392+/-338.325 χ^2/NDF : 28.6/10

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -84.274+/-334.914 χ^2/NDF : 5.6/8

Left: 718.343+/-238.017 χ^2/NDF : 45.9/19

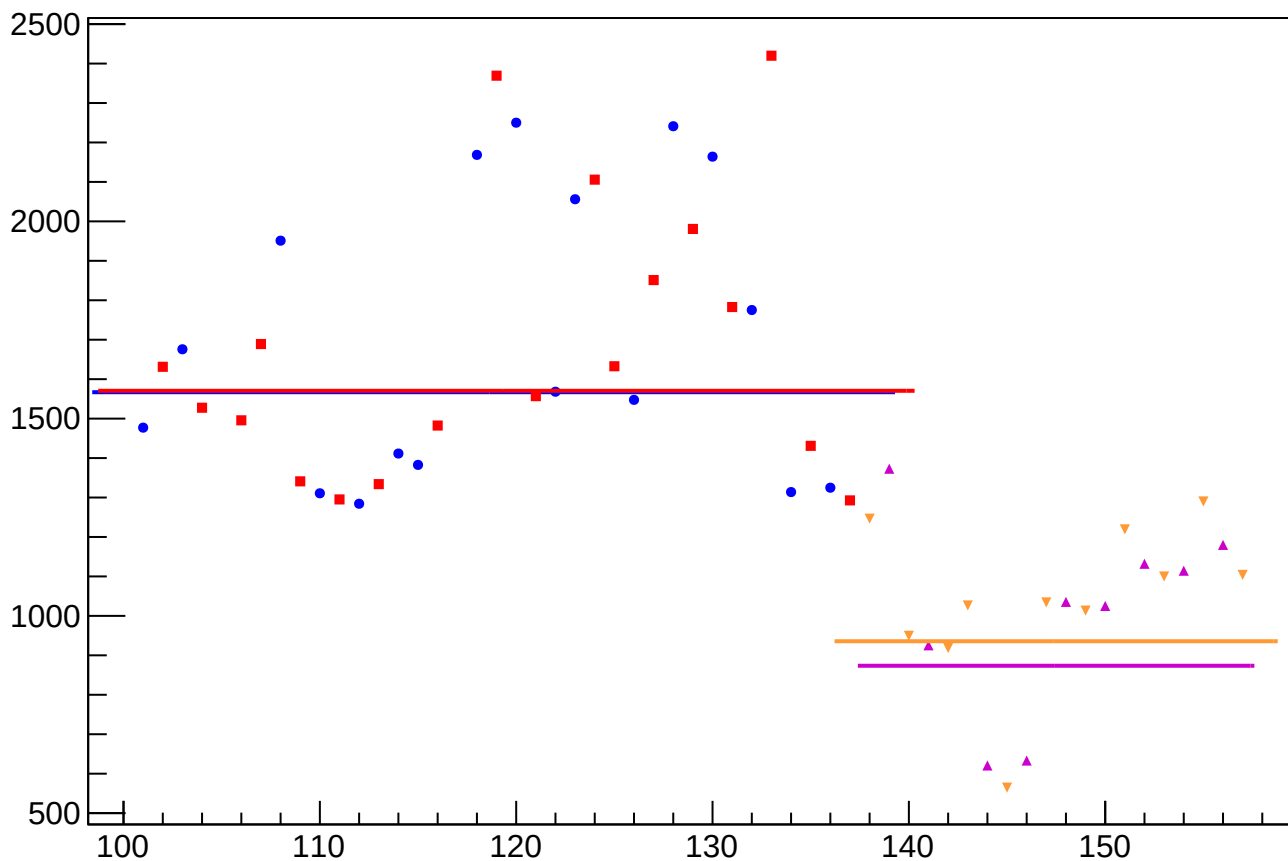
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 93.298+/-294.737 χ^2/NDF : 32.8/25

Out: 922.611+/-295.202 χ^2/NDF : 50.7/28

All: 507.300+/-208.575 χ^2/NDF : 87.5/54

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 935.724 $\pm$ 0.239 χ^2 /NDF: 1052241.9/10

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 873.572 $\pm$ 0.237 χ^2 /NDF: 1056837.8/8

Left: 904.333 $\pm$ 0.168 χ^2 /NDF: 2143169.4/19

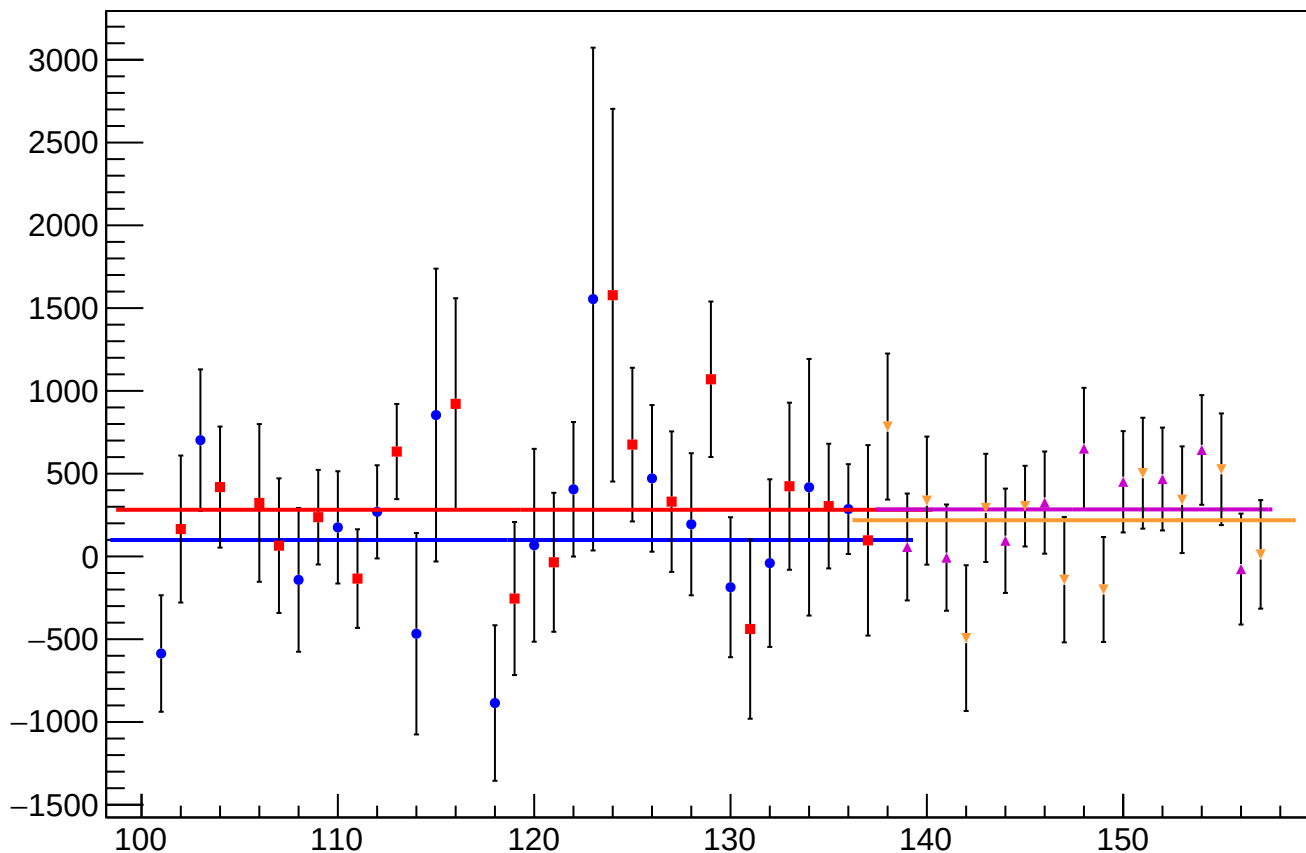
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1029.952 $\pm$ 0.208 χ^2 /NDF: 3490006.7/25

Out: 1087.241 $\pm$ 0.209 χ^2 /NDF: 3172142.4/28

All: 1058.551 $\pm$ 0.147 χ^2 /NDF: 6699870.5/54

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 218.747 $\pm$ 101.658 χ^2/NDF : 9.3/10

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 284.019 $\pm$ 107.596 χ^2/NDF : 5.7/8

Left: 249.532 $\pm$ 73.893 χ^2/NDF : 15.1/19

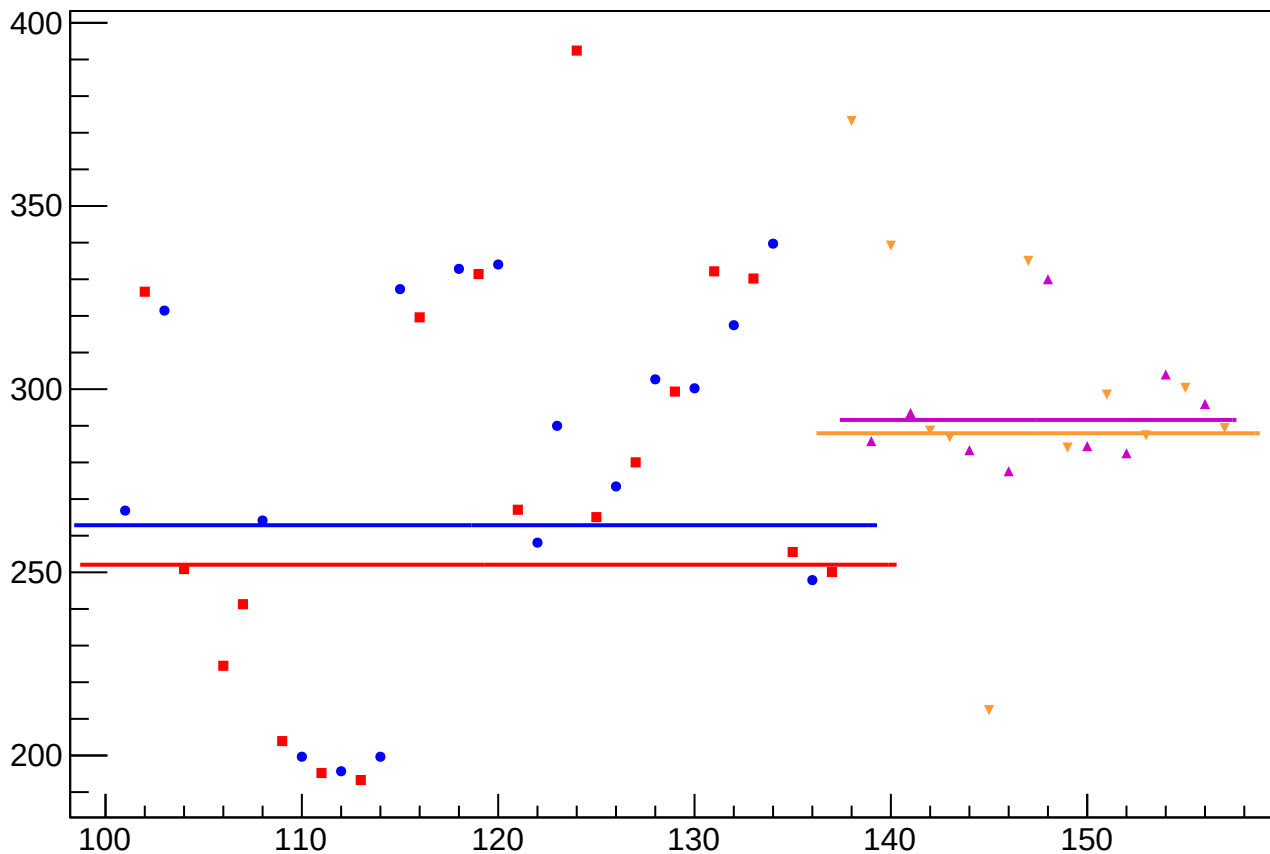
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 188.089 $\pm$ 74.578 χ^2/NDF : 23.1/25

Out: 251.482 $\pm$ 70.509 χ^2/NDF : 23.2/28

All: 221.562 $\pm$ 51.236 χ^2/NDF : 46.7/54

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 287.967 ± 0.072 χ^2/NDF : 338366.8/10

Right Out: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 291.598 ± 0.076 χ^2/NDF : 34053.0/8

Left: 289.679 ± 0.052 χ^2/NDF : 373623.4/19

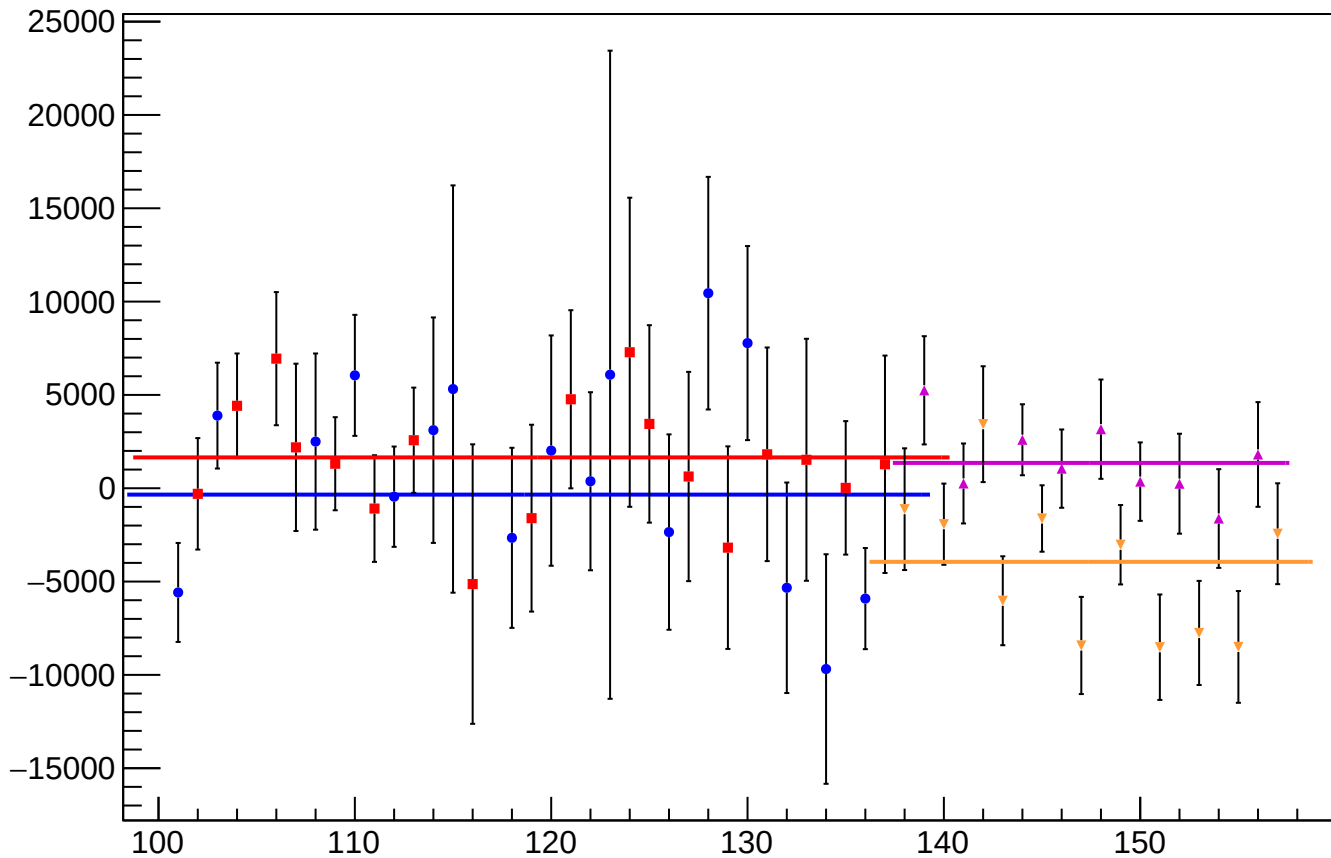
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 276.665 ± 0.053 χ^2/NDF : 519900.9/25

Out: 269.344 ± 0.050 χ^2/NDF : 982858.2/28

All: 272.799 ± 0.036 χ^2/NDF : 1512935.4/54

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3943.137 ± 751.174 χ^2/NDF : 20.0/10

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 1356.837 ± 786.154 χ^2/NDF : 4.7/8

Left: -1413.684 ± 543.106 χ^2/NDF : 48.4/19

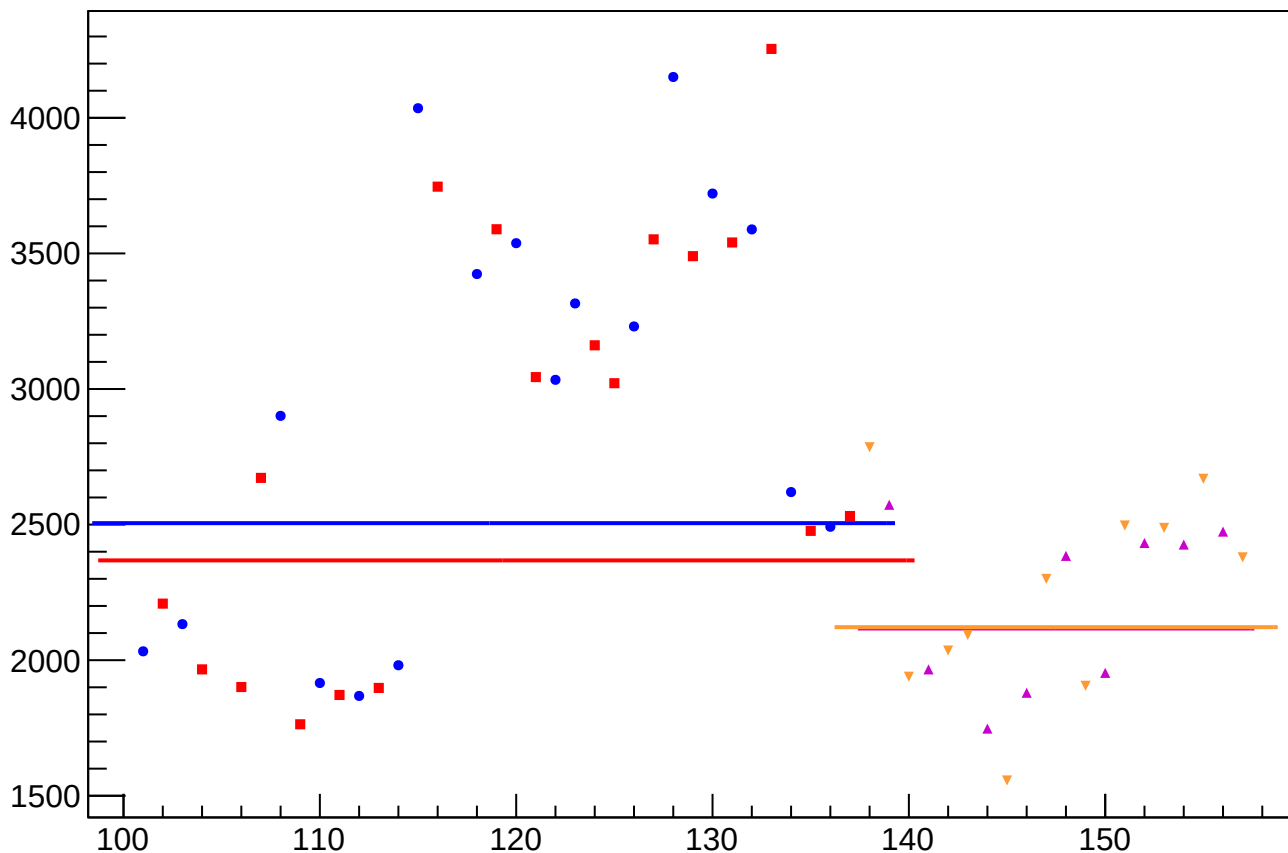
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 711.815 ± 619.125 χ^2/NDF : 30.9/25

Out: -1733.672 ± 584.328 χ^2/NDF : 49.8/28

All: -581.579 ± 424.951 χ^2/NDF : 89.0/54

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2121.738+/-0.531 χ^2/NDF : 485386.9/10

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2116.821+/-0.556 χ^2/NDF : 280267.1/8

Left: 2119.391+/-0.384 χ^2/NDF : 765694.9/19

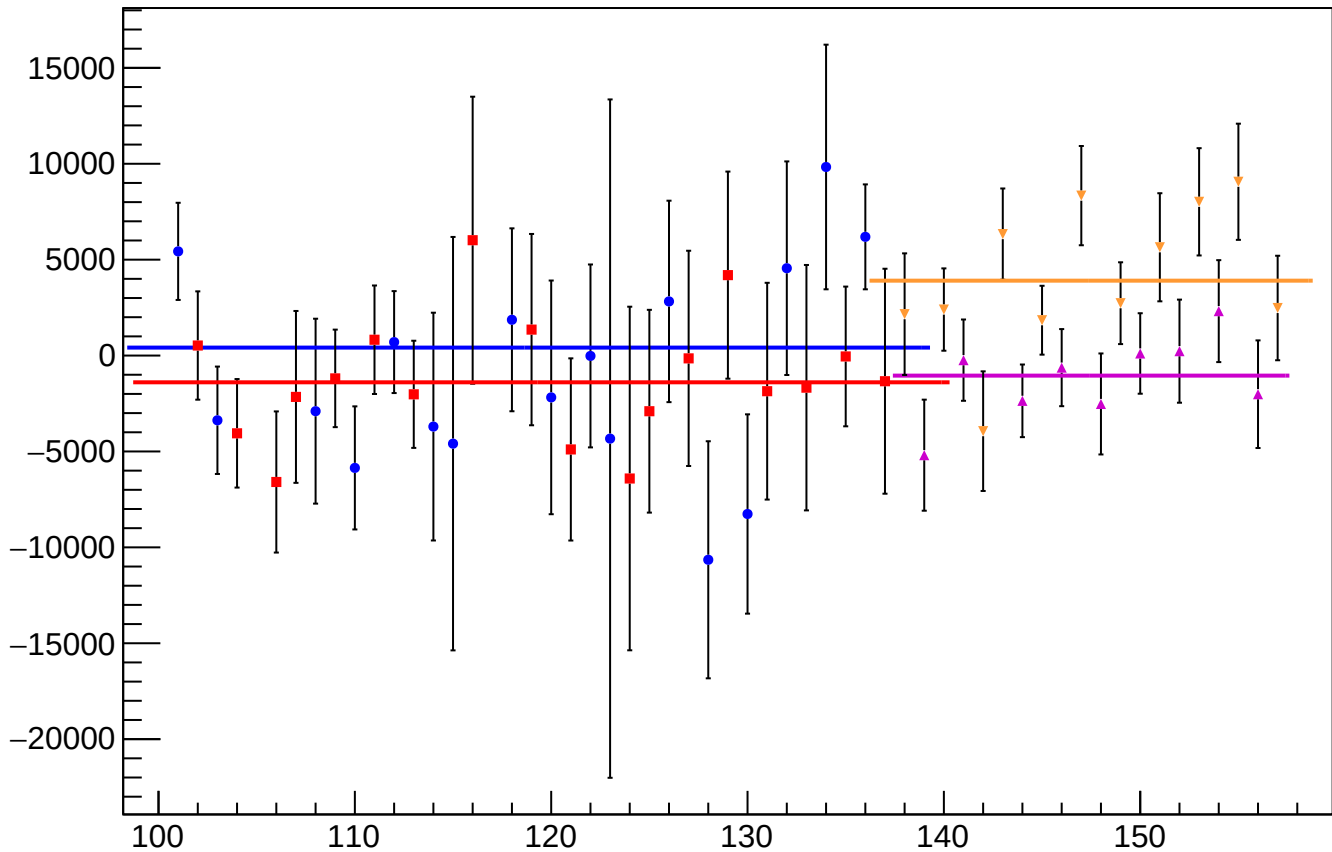
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2264.372+/-0.438 χ^2/NDF : 1329905.3/25

Out: 2218.986+/-0.413 χ^2/NDF : 1601152.4/28

All: 2240.368+/-0.300 χ^2/NDF : 2936741.9/54

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3905.356+/-750.964 χ^2/NDF :18.4/10

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1045.917+/-779.261 χ^2/NDF :5.3/8

Left: 1521.249+/-540.739 χ^2/NDF : 44.7/19

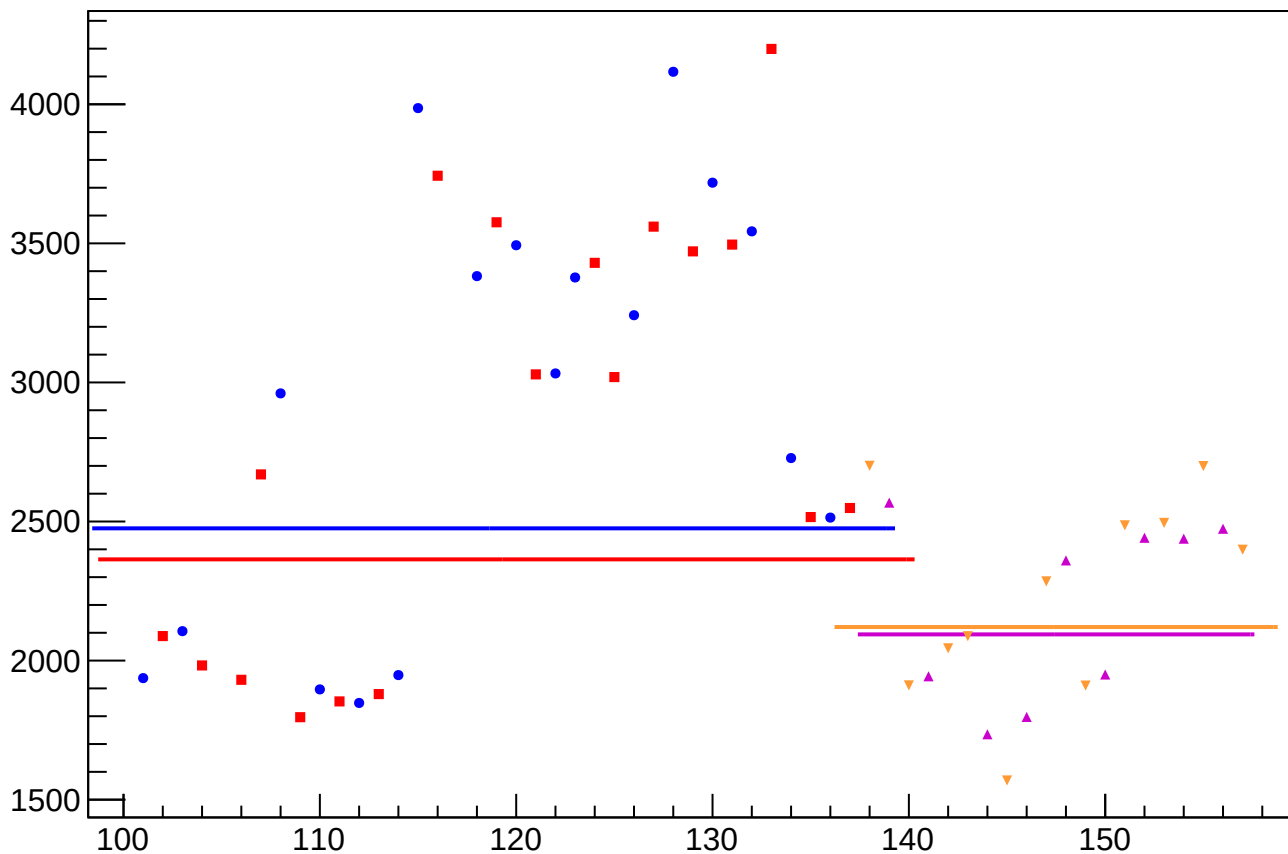
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -490.240+/-613.482 χ^2/NDF :31.1/25

Out: 1810.775+/-584.015 χ^2/NDF :45.7/28

All: 716.856+/-422.995 χ^2/NDF : 84.2/54

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2120.646 $\pm$ 0.531 χ^2 /NDF: 467226.5/10

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2094.199 $\pm$ 0.551 χ^2 /NDF: 312585.4/8

Left: 2107.912 $\pm$ 0.382 χ^2 /NDF: 781006.4/19

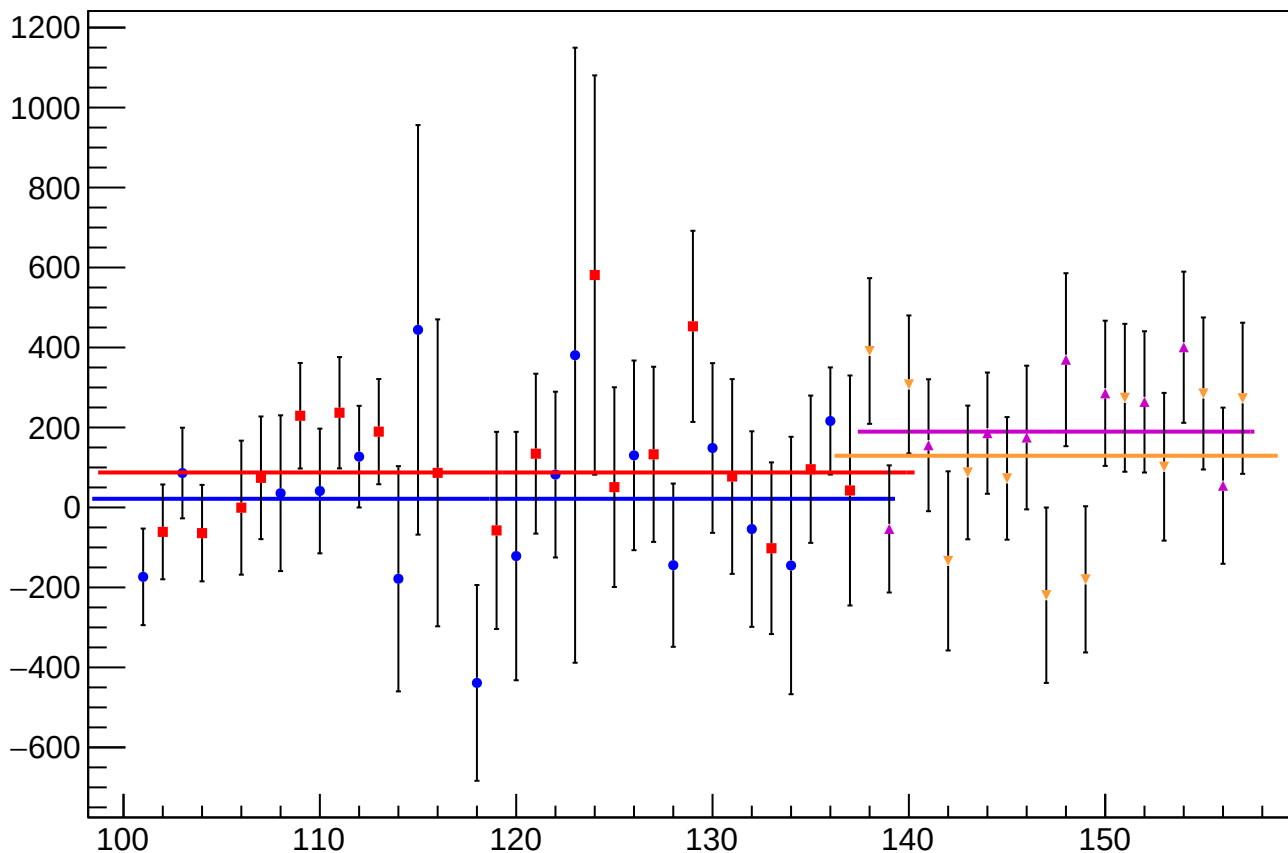
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2239.152 $\pm$ 0.434 χ^2 /NDF: 1407664.2/25

Out: 2216.784 $\pm$ 0.413 χ^2 /NDF: 1577040.6/28

All: 2227.418 $\pm$ 0.299 χ^2 /NDF: 2986099.7/54

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 129.304 $\pm$ 55.306 χ^2/NDF : 12.0/10

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 189.604 $\pm$ 58.844 χ^2/NDF : 5.3/8

Left: 157.586 $\pm$ 40.300 χ^2/NDF : 17.8/19

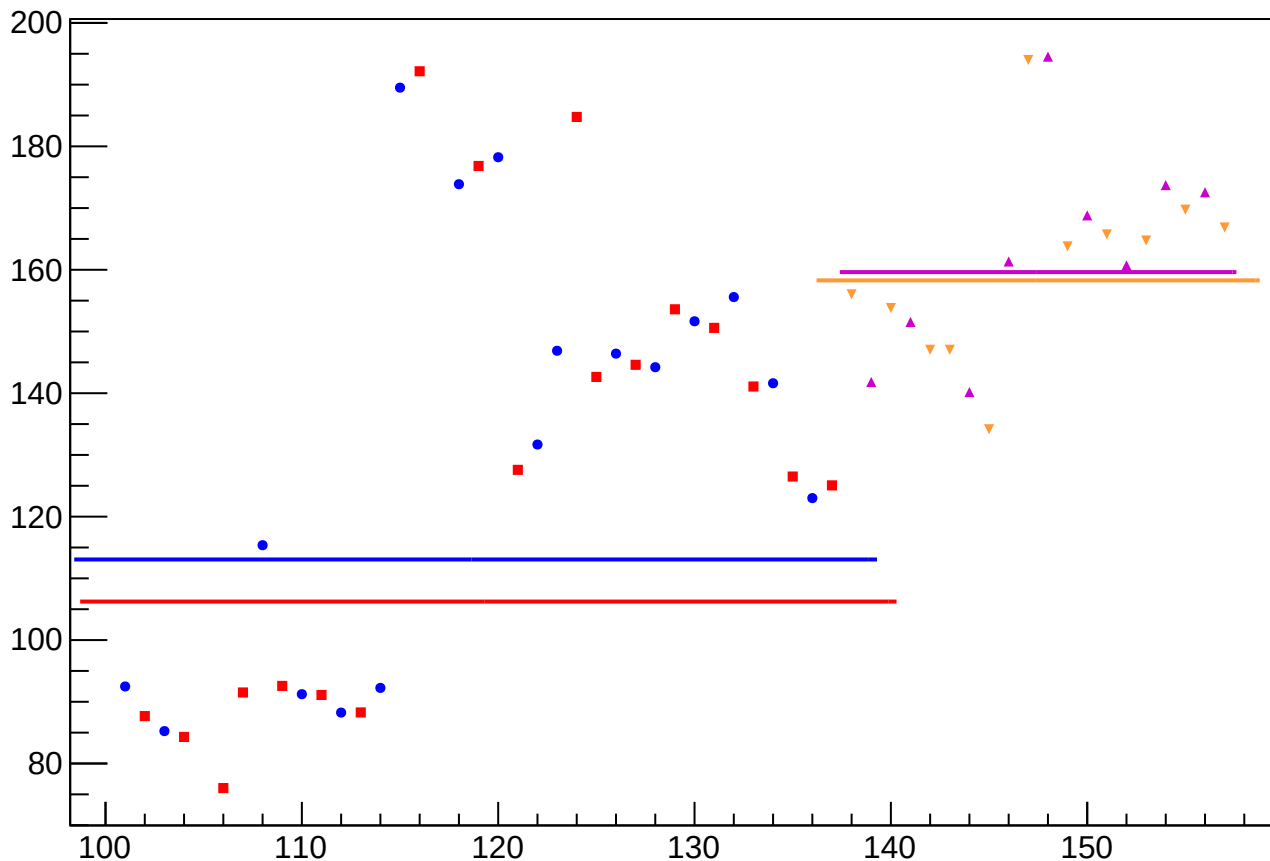
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 83.898 $\pm$ 35.824 χ^2/NDF : 23.0/25

Out: 102.671 $\pm$ 33.360 χ^2/NDF : 23.3/28

All: 93.952 $\pm$ 24.414 χ^2/NDF : 46.4/54

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 158.282 $\pm$ 0.039 χ^2/NDF :137214.9/10

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 159.627 $\pm$ 0.042 χ^2/NDF :140171.8/8

Left: 158.913 $\pm$ 0.028 χ^2/NDF : 277941.0/19

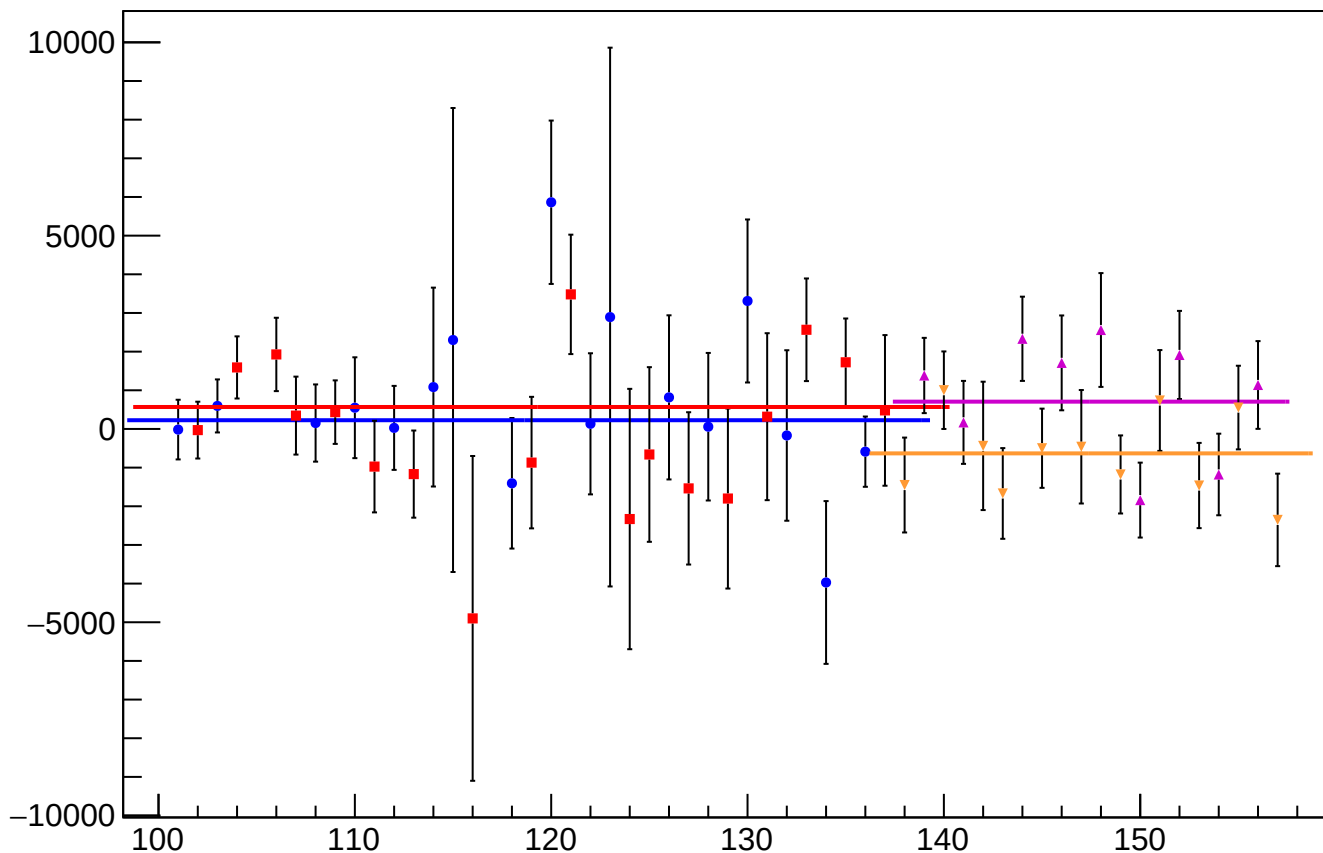
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 130.318 $\pm$ 0.025 χ^2/NDF :1749285.3/25

Out: 125.175 $\pm$ 0.024 χ^2/NDF :2215487.2/28

All: 127.564 $\pm$ 0.017 χ^2/NDF : 3986847.1/54

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -631.801 $\pm$ 351.131 χ^2 /NDF:9.2/10

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 706.046 $\pm$ 367.556 χ^2 /NDF:16.6/8

Left: 6.563 $\pm$ 253.895 χ^2 /NDF: 32.7/19

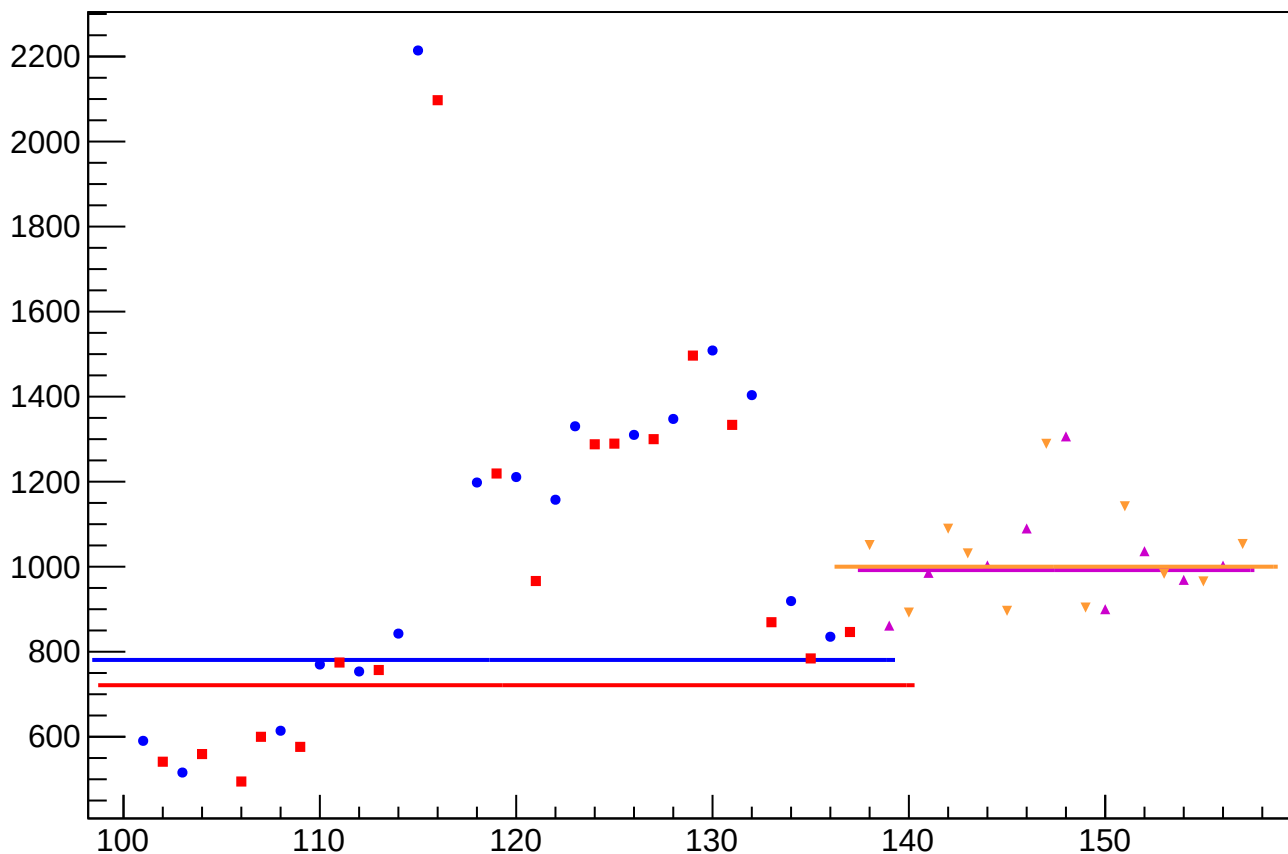
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 433.808 $\pm$ 241.952 χ^2 /NDF:33.5/25

Out: 80.536 $\pm$ 223.828 χ^2 /NDF:37.1/28

All: 243.446 $\pm$ 164.305 χ^2 /NDF: 71.7/54

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1000.024 $\pm$ 0.248 χ^2 /NDF:180284.6/10

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 992.048 $\pm$ 0.260 χ^2 /NDF:162509.6/8

Left: 996.218 $\pm$ 0.180 χ^2 /NDF: 343286.6/19

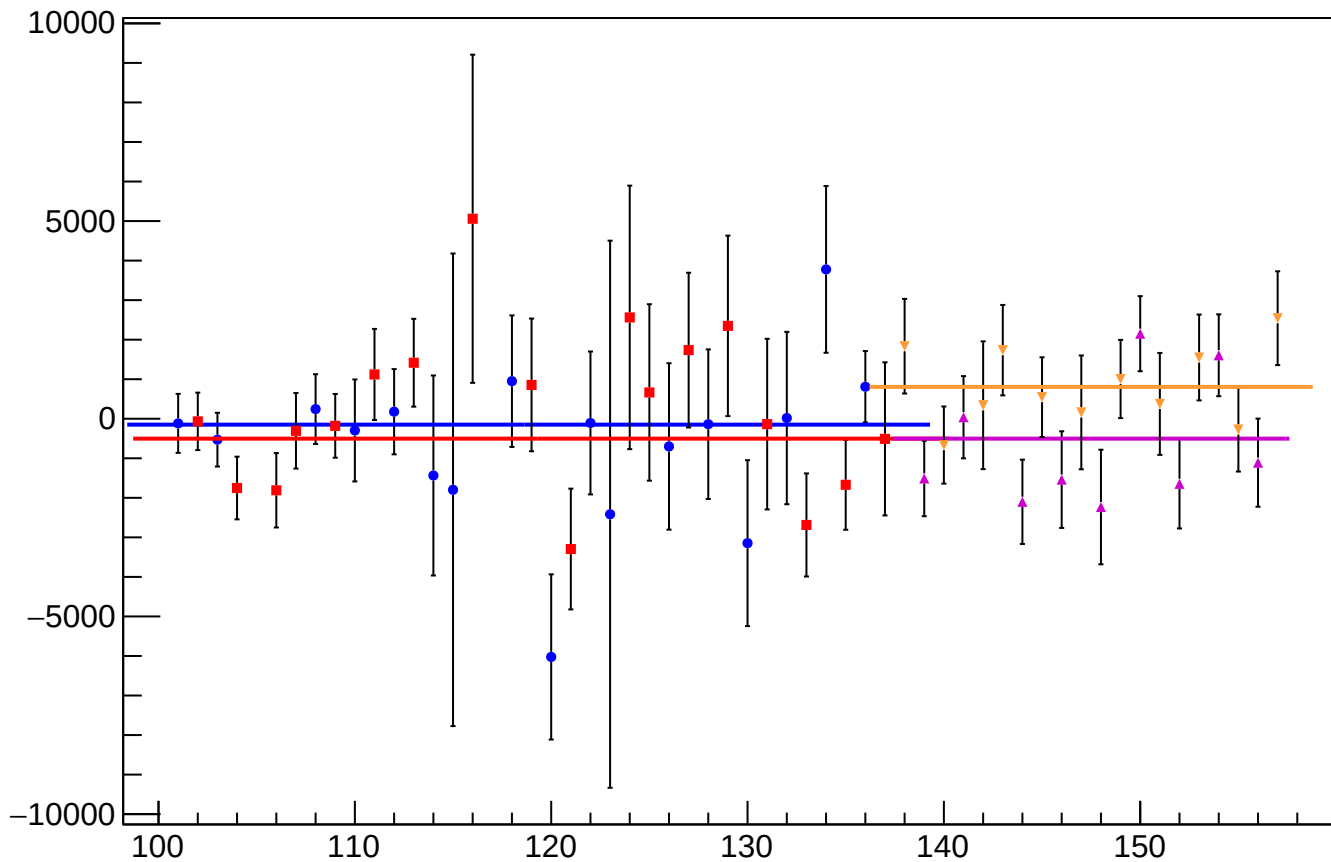
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 872.282 $\pm$ 0.171 χ^2 /NDF:2146745.3/25

Out: 834.535 $\pm$ 0.158 χ^2 /NDF:2555237.0/28

All: 851.942 $\pm$ 0.116 χ^2 /NDF: 4728212.1/54

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 805.729 ± 344.409 $\chi^2/\text{NDF}: 7.8/10$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -502.998 ± 360.863 $\chi^2/\text{NDF}: 19.1/8$

Left: 181.881 ± 249.148 $\chi^2/\text{NDF}: 33.8/19$

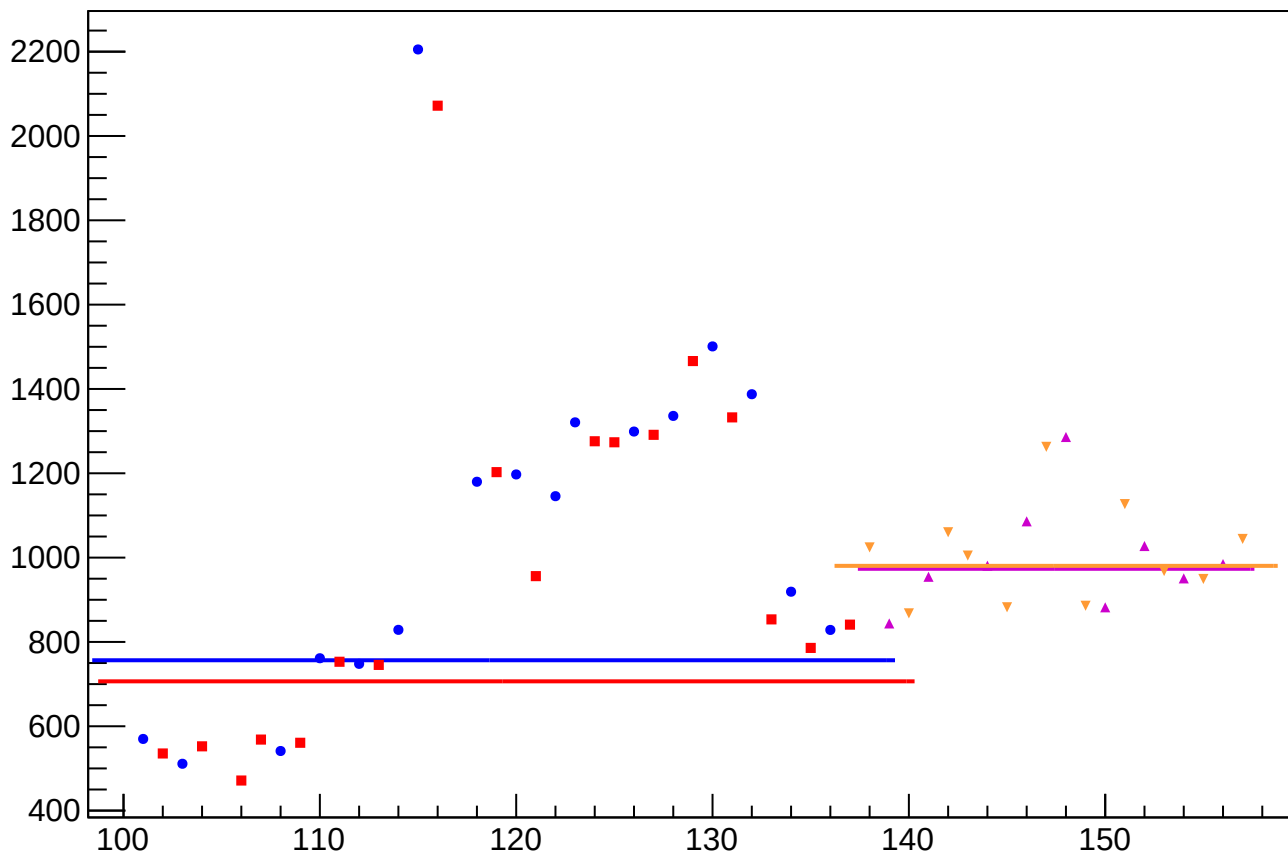
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -301.054 ± 236.433 $\chi^2/\text{NDF}: 35.7/25$

Out: 30.560 ± 219.928 $\chi^2/\text{NDF}: 40.0/28$

All: -123.269 ± 161.031 $\chi^2/\text{NDF}: 76.8/54$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 980.453 $\pm$ 0.244 χ^2 /NDF: 182949.0/10

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 973.462 $\pm$ 0.255 χ^2 /NDF: 171936.5/8

Left: 977.121 $\pm$ 0.176 χ^2 /NDF: 355278.3/19

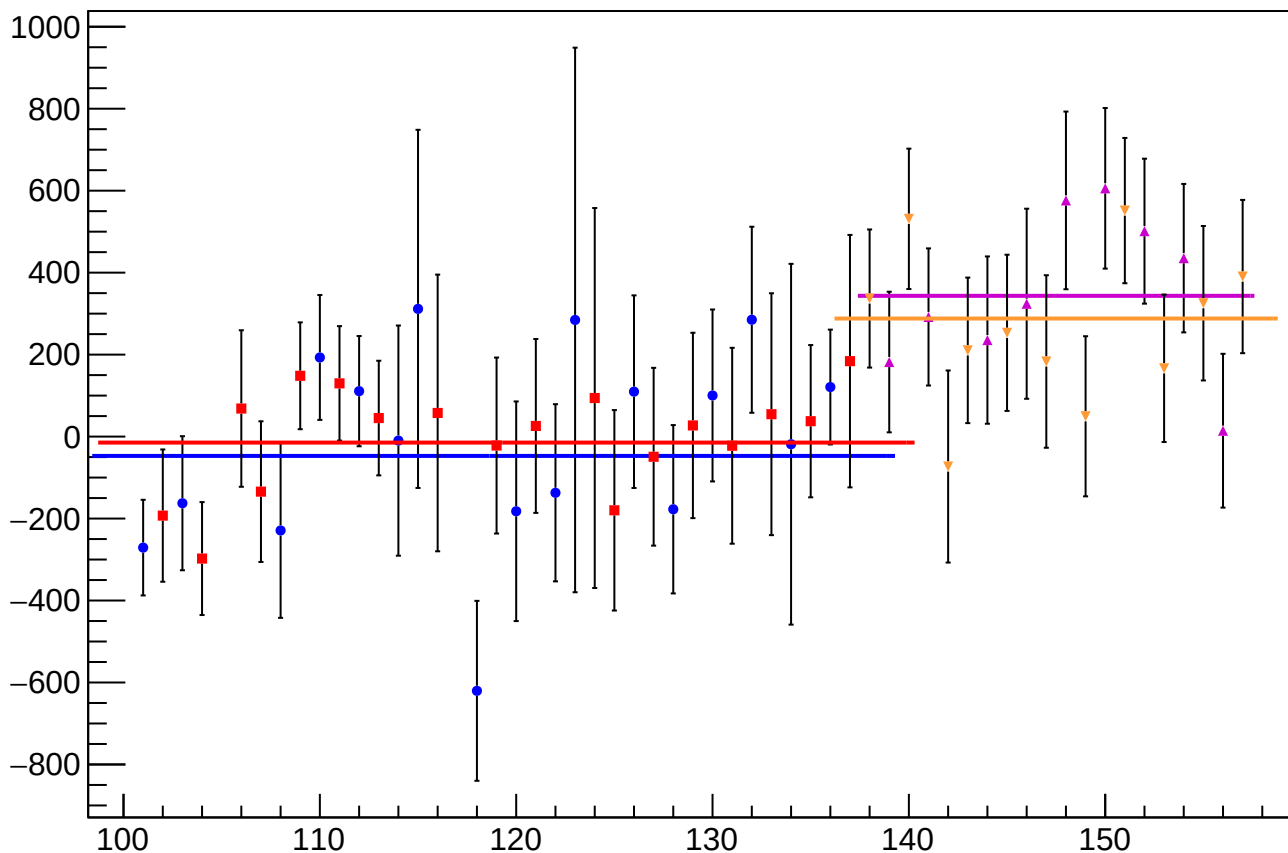
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 849.658 $\pm$ 0.167 χ^2 /NDF: 2298044.2/25

Out: 818.238 $\pm$ 0.156 χ^2 /NDF: 2602107.1/28

All: 832.813 $\pm$ 0.114 χ^2 /NDF: 4919086.4/54

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 288.054 ± 56.337 $\chi^2/\text{NDF}: 9.4/10$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 343.455 ± 63.177 $\chi^2/\text{NDF}: 8.3/8$

Left: 312.594 ± 42.048 $\chi^2/\text{NDF}: 18.2/19$

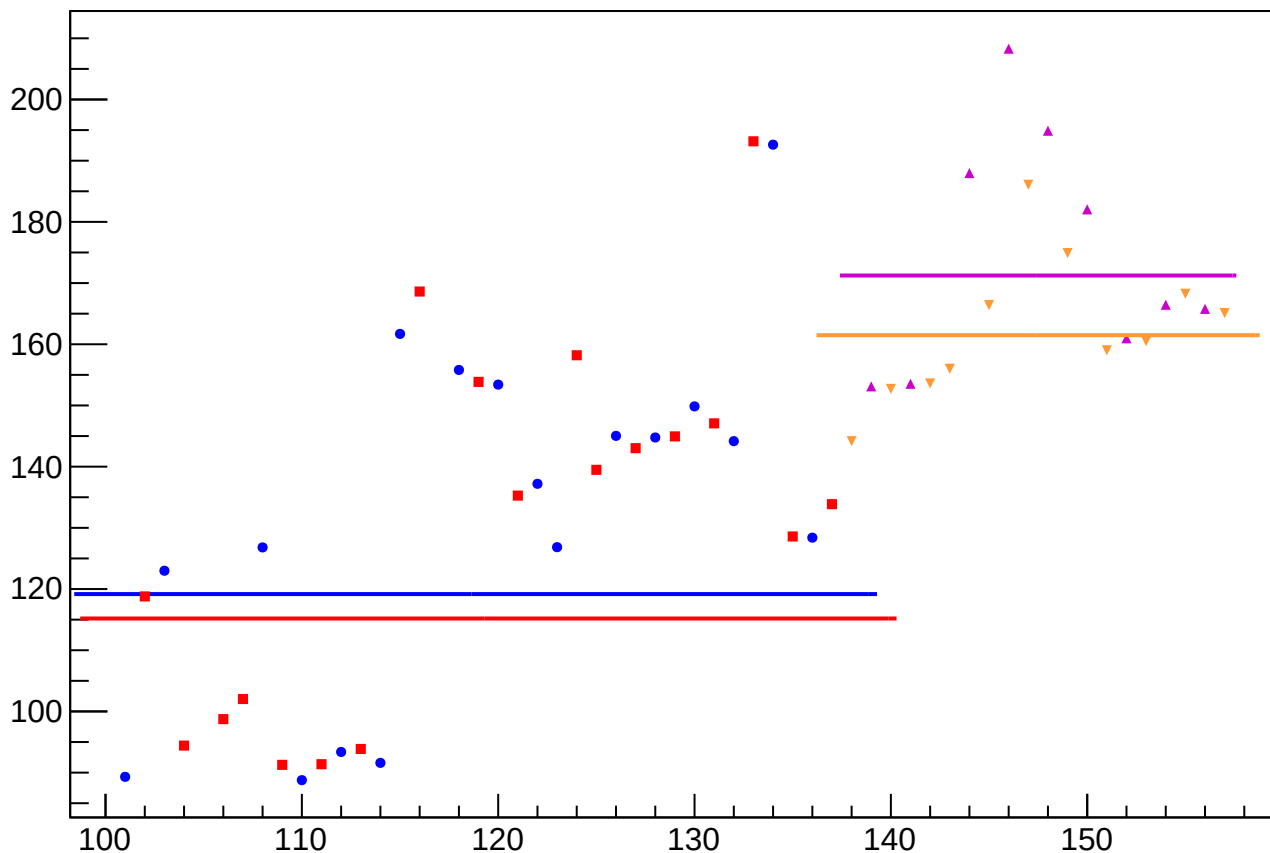
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 93.029 ± 37.848 $\chi^2/\text{NDF}: 54.7/25$

Out: 102.791 ± 35.088 $\chi^2/\text{NDF}: 37.2/28$

All: 98.279 ± 25.731 $\chi^2/\text{NDF}: 92.0/54$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 161.485 $\pm$ 0.040 χ^2 /NDF: 72400.3/10

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 171.238 $\pm$ 0.045 χ^2 /NDF: 148973.4/8

Left: 165.805 $\pm$ 0.030 χ^2 /NDF: 247924.6/19

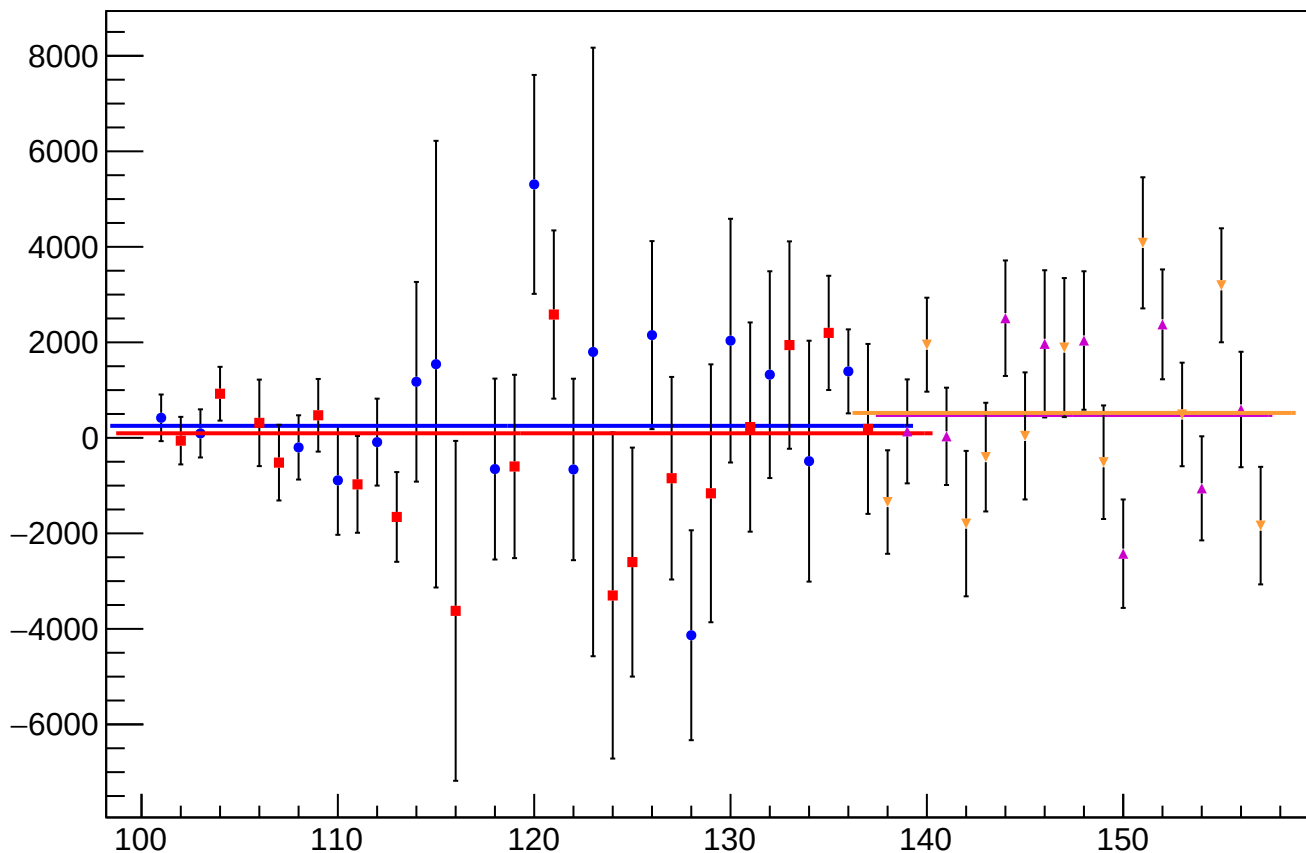
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 137.860 $\pm$ 0.027 χ^2 /NDF: 1635027.9/25

Out: 133.147 $\pm$ 0.025 χ^2 /NDF: 1574688.3/28

All: 135.325 $\pm$ 0.018 χ^2 /NDF: 3226394.5/54

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 521.857+/-363.348 χ^2/NDF : 25.2/10

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 479.274+/-393.926 χ^2/NDF : 16.5/8

Left: 502.282+/-267.082 χ^2/NDF : 41.7/19

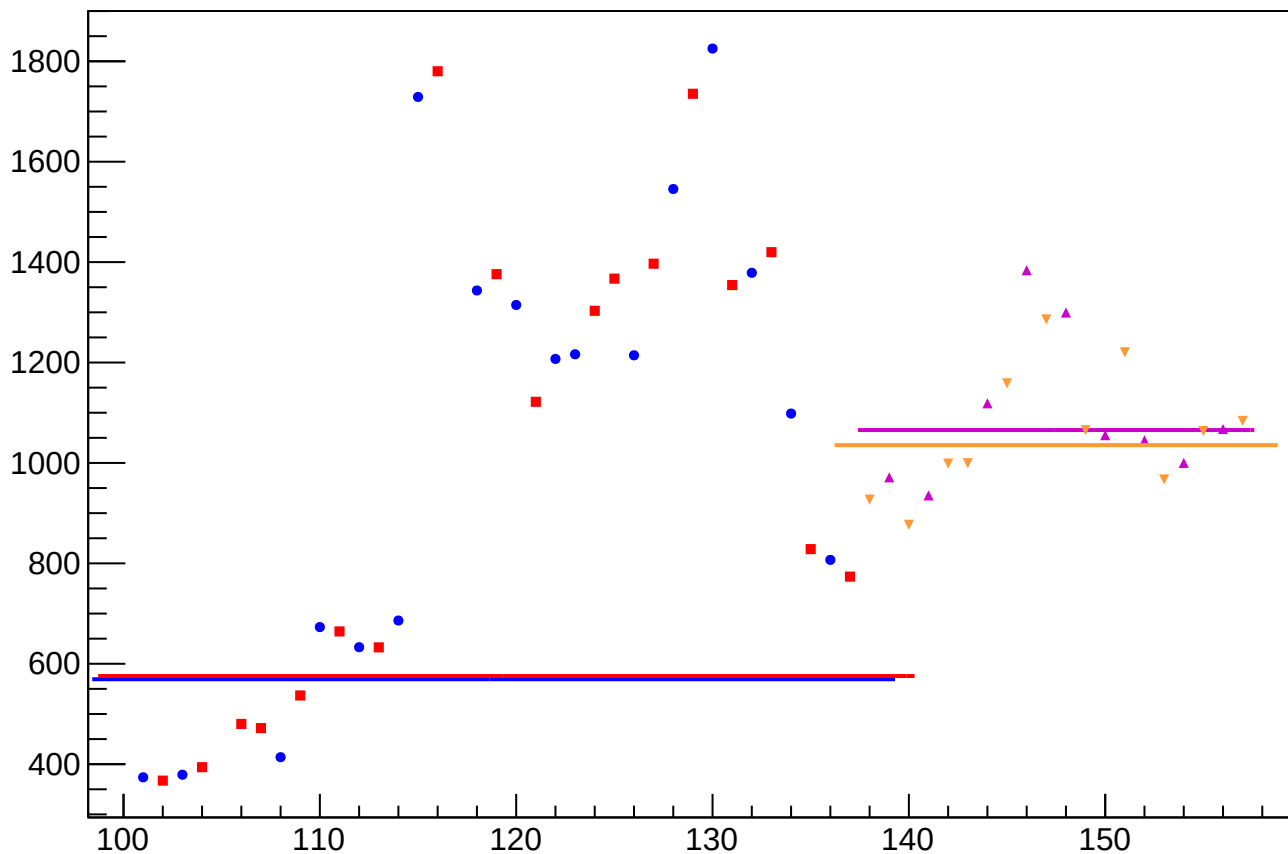
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 318.114+/-212.769 χ^2/NDF : 31.6/25

Out: 229.528+/-203.561 χ^2/NDF : 43.6/28

All: 271.863+/-147.087 χ^2/NDF : 75.3/54

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1035.500 $\pm$ 0.257 χ^2 /NDF: 201185.4/10

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1065.525 $\pm$ 0.279 χ^2 /NDF: 196875.8/8

Left: 1049.302 $\pm$ 0.189 χ^2 /NDF: 404339.2/19

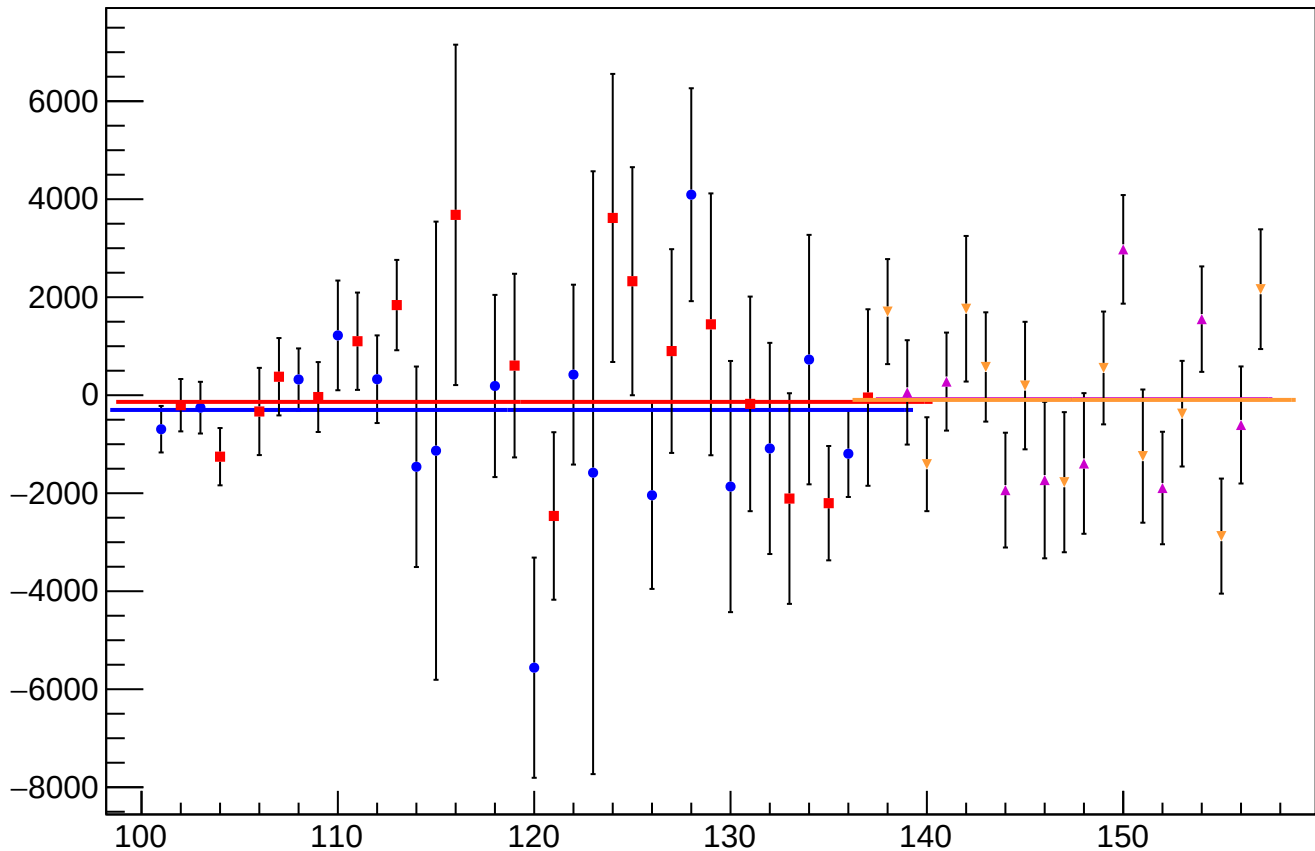
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 713.995 $\pm$ 0.150 χ^2 /NDF: 5712618.4/25

Out: 719.935 $\pm$ 0.144 χ^2 /NDF: 5458092.3/28

All: 717.096 $\pm$ 0.104 χ^2 /NDF: 11171524.6/54

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -95.666 ± 356.956 $\chi^2/\text{NDF}: 18.2/10$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: -80.952 ± 388.524 $\chi^2/\text{NDF}: 17.2/8$

Left: -88.931 ± 262.859 $\chi^2/\text{NDF}: 35.3/19$

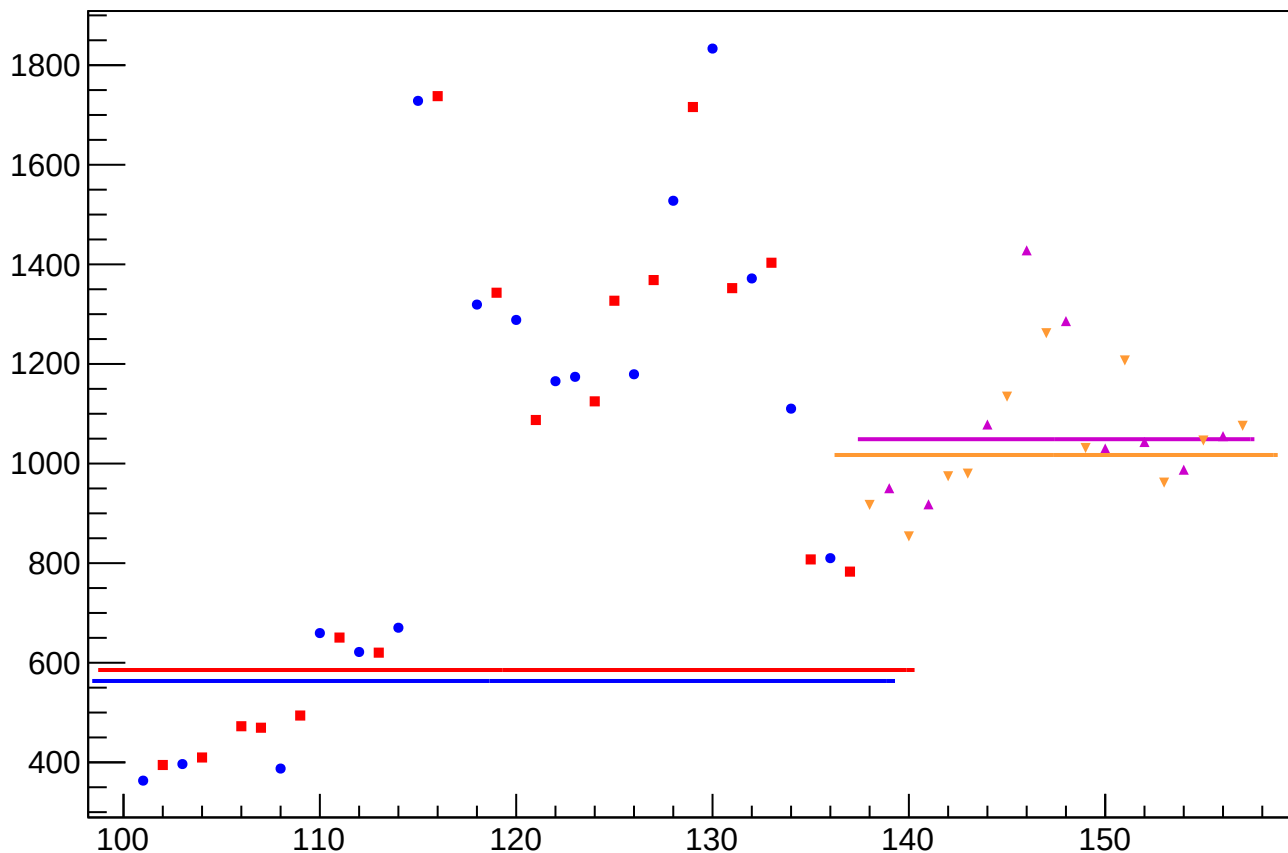
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -236.213 ± 210.417 $\chi^2/\text{NDF}: 34.1/25$

Out: -122.963 ± 203.499 $\chi^2/\text{NDF}: 39.1/28$

All: -177.696 ± 146.280 $\chi^2/\text{NDF}: 73.3/54$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1017.205 $\pm$ 0.252 χ^2 /NDF:204797.3/10

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1048.902 $\pm$ 0.275 χ^2 /NDF:227082.8/8

Left: 1031.714 $\pm$ 0.186 χ^2 /NDF: 439098.7/19

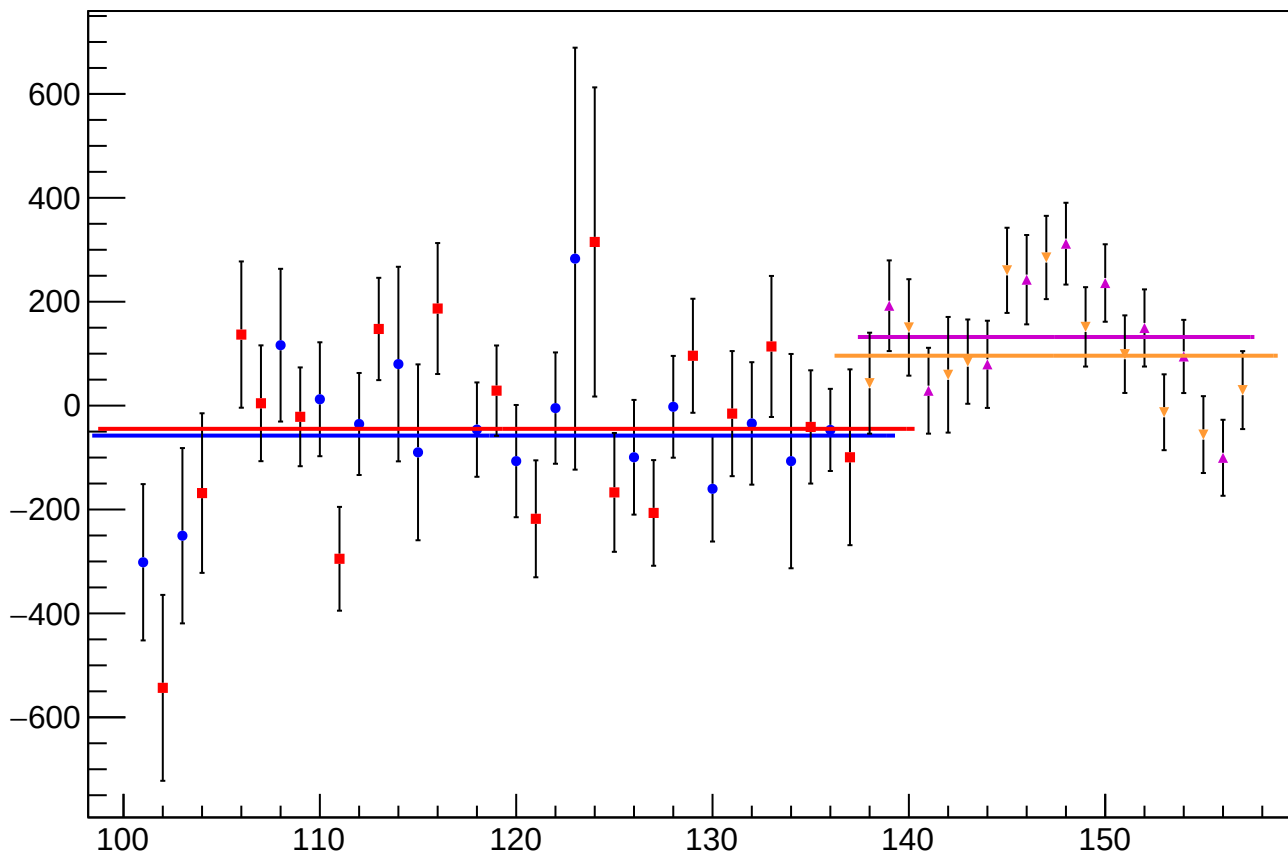
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 705.797 $\pm$ 0.149 χ^2 /NDF:5693207.9/25

Out: 725.766 $\pm$ 0.144 χ^2 /NDF:4998079.8/28

All: 716.115 $\pm$ 0.103 χ^2 /NDF: 10700595.2/54

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 96.086 $\pm$ 24.564 χ^2/NDF :18.1/10

Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17

Left In: 132.101 $\pm$ 26.120 χ^2/NDF :21.7/8

Left: 112.989 $\pm$ 17.894 χ^2/NDF : 40.8/19

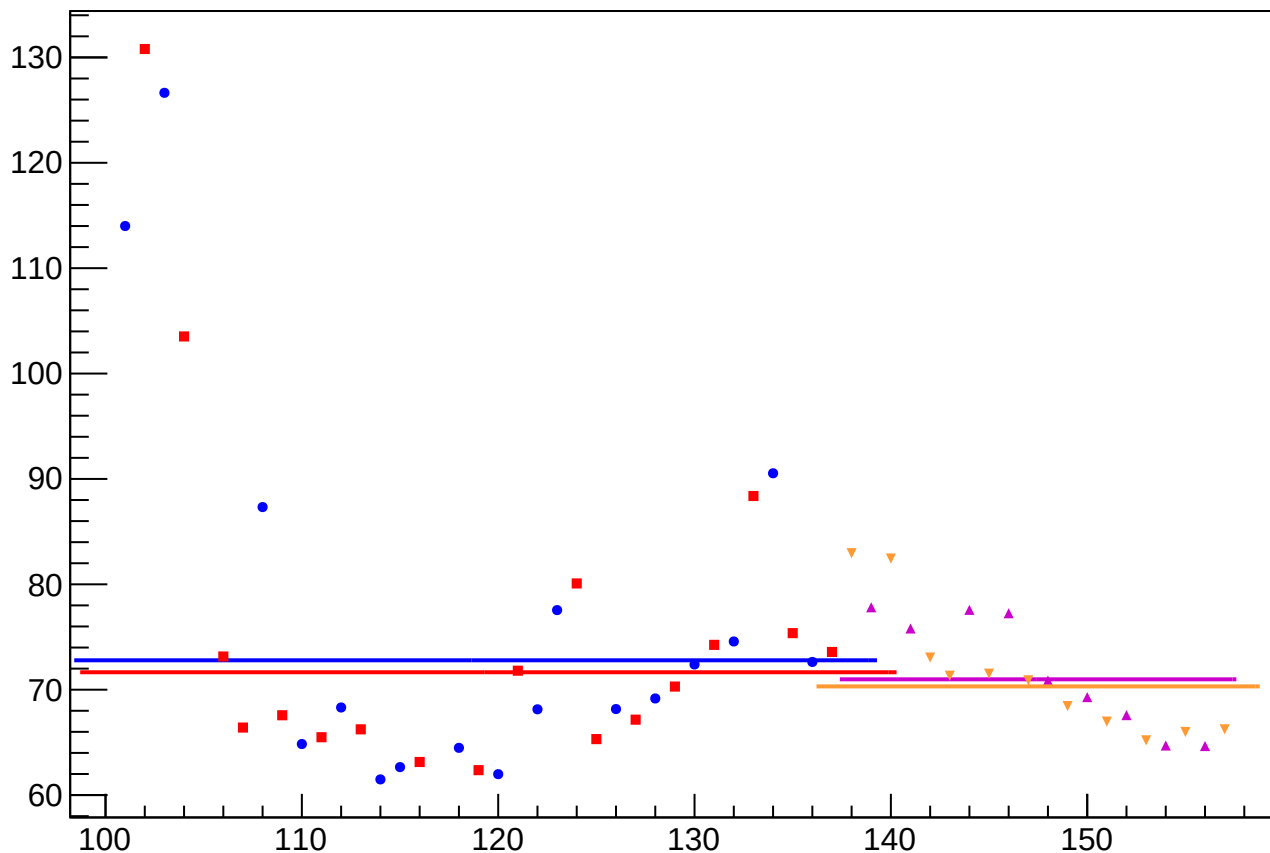
Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34

In: 46.086 $\pm$ 19.316 χ^2/NDF :54.7/25

Out: 34.141 $\pm$ 18.382 χ^2/NDF :67.7/28

All: 39.818 $\pm$ 13.316 χ^2/NDF : 122.7/54

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.312 $\pm$ 0.017 χ^2 /NDF: 97770.0/10

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 70.985 $\pm$ 0.018 χ^2 /NDF: 78153.8/8

Left: 70.628 $\pm$ 0.013 χ^2 /NDF: 176628.7/19

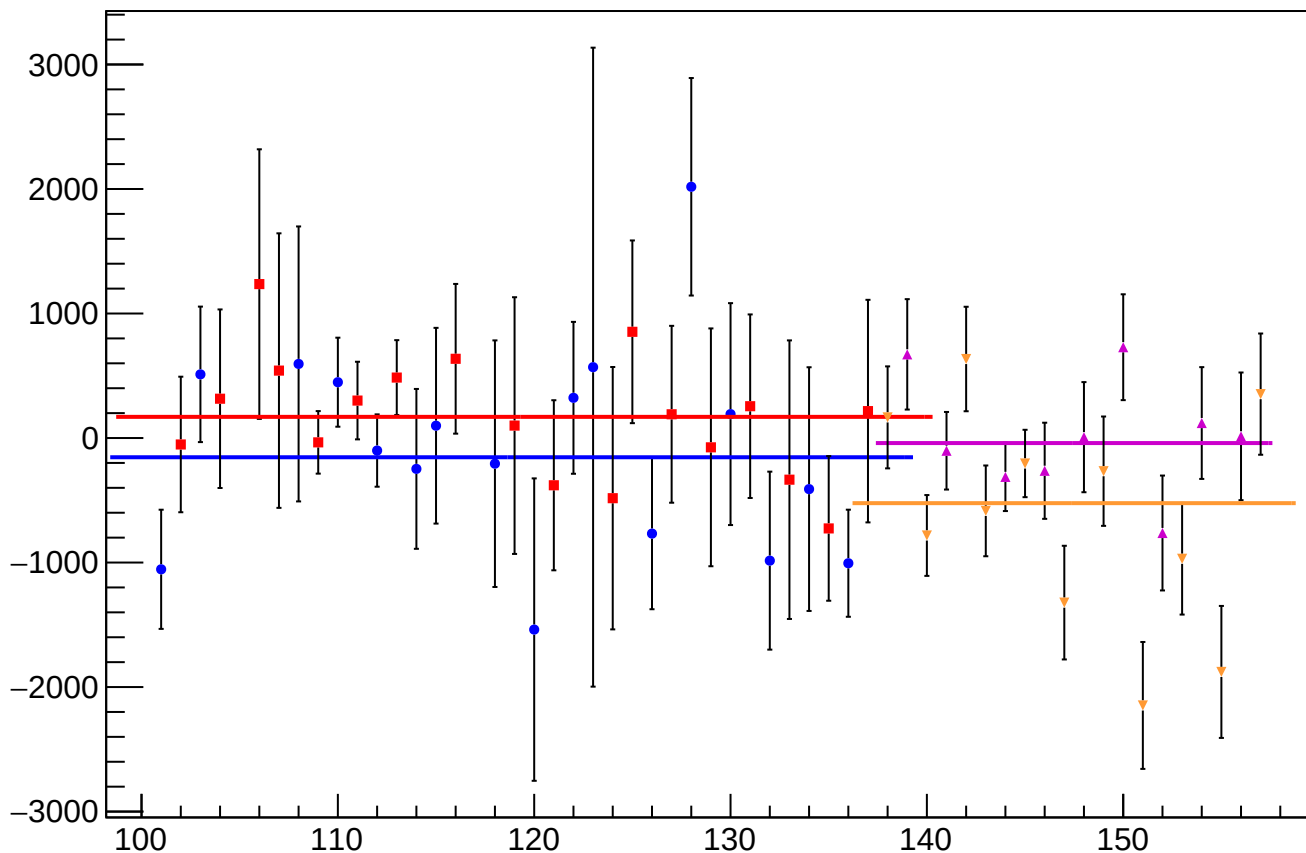
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 71.803 $\pm$ 0.014 χ^2 /NDF: 547253.2/25

Out: 70.903 $\pm$ 0.013 χ^2 /NDF: 504778.5/28

All: 71.331 $\pm$ 0.009 χ^2 /NDF: 1054309.9/54

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -523.072+/-120.460 χ^2/NDF : 36.8/10

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -40.455+/-129.647 χ^2/NDF : 9.8/8

Left: -299.466+/-88.247 χ^2/NDF : 54.1/19

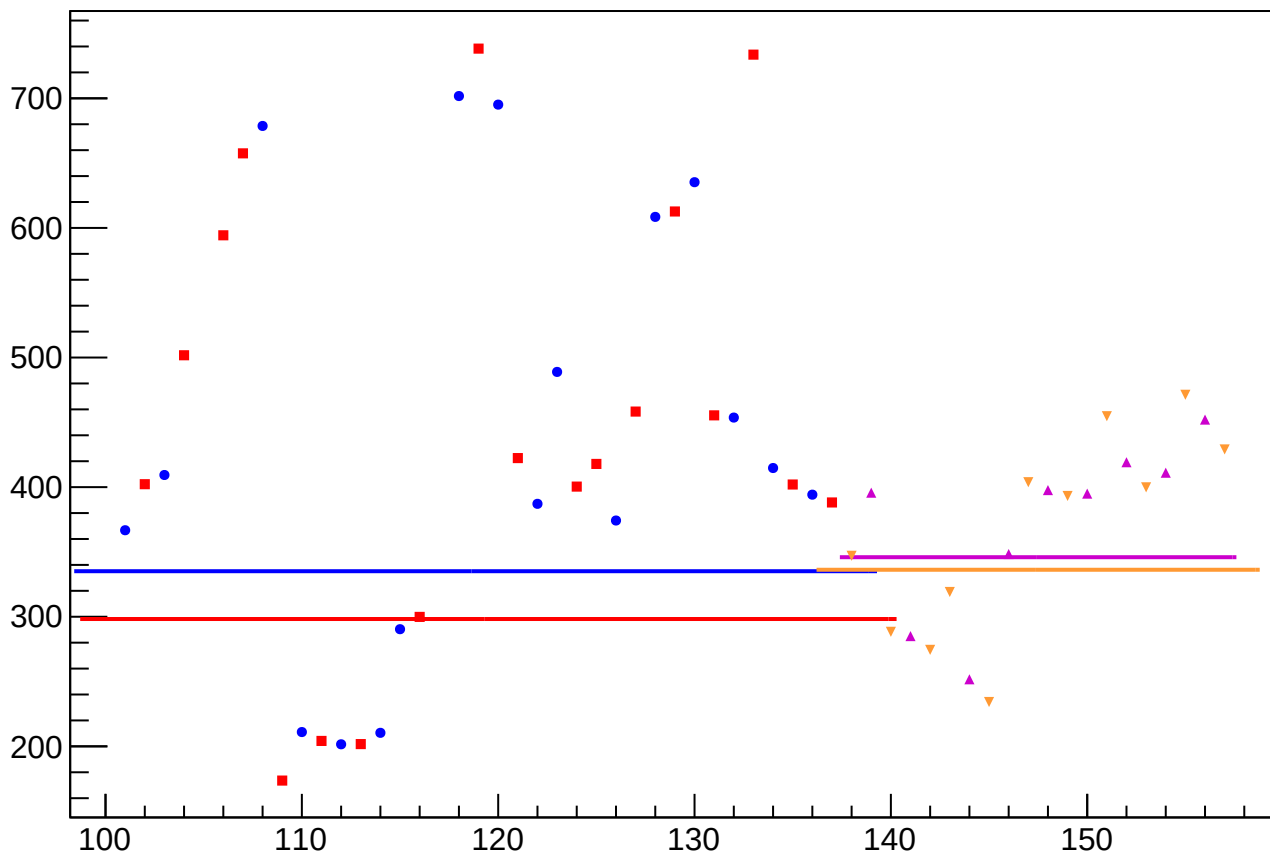
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -92.778+/-95.343 χ^2/NDF : 33.4/25

Out: -192.698+/-87.143 χ^2/NDF : 61.0/28

All: -147.218+/-64.323 χ^2/NDF : 95.0/54

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 336.256+/-0.085 χ^2/NDF : 805427.3/10

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 345.939+/-0.092 χ^2/NDF : 569873.6/8

Left: 340.742+/-0.062 χ^2/NDF : 1381288.4/19

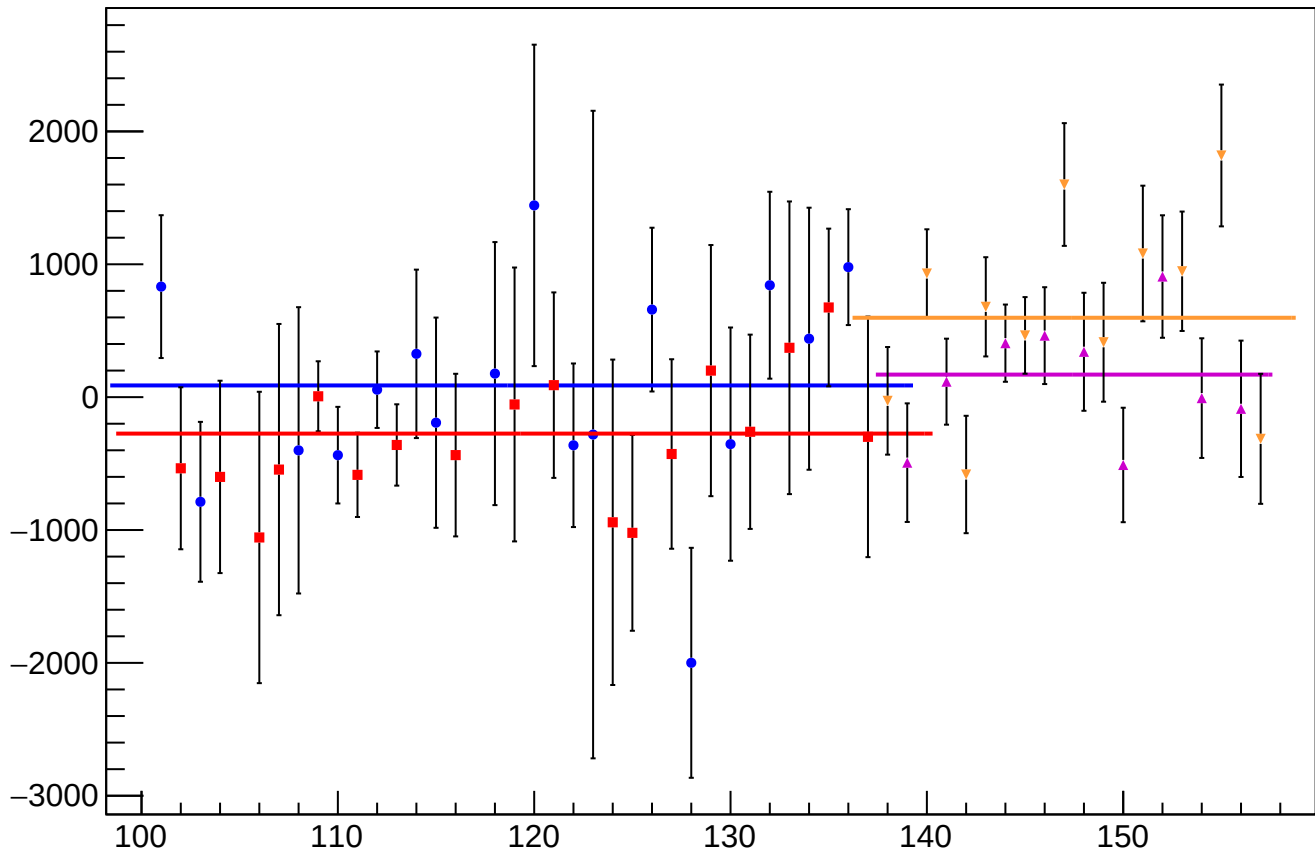
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 340.978+/-0.067 χ^2/NDF : 2570297.1/25

Out: 318.142+/-0.062 χ^2/NDF : 3676863.7/28

All: 328.536+/-0.045 χ^2/NDF : 6309673.3/54

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 597.464+/-123.455 χ^2/NDF : 25.9/10

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 169.731+/-131.502 χ^2/NDF : 9.2/8

Left: 397.083+/-90.006 χ^2/NDF : 40.7/19

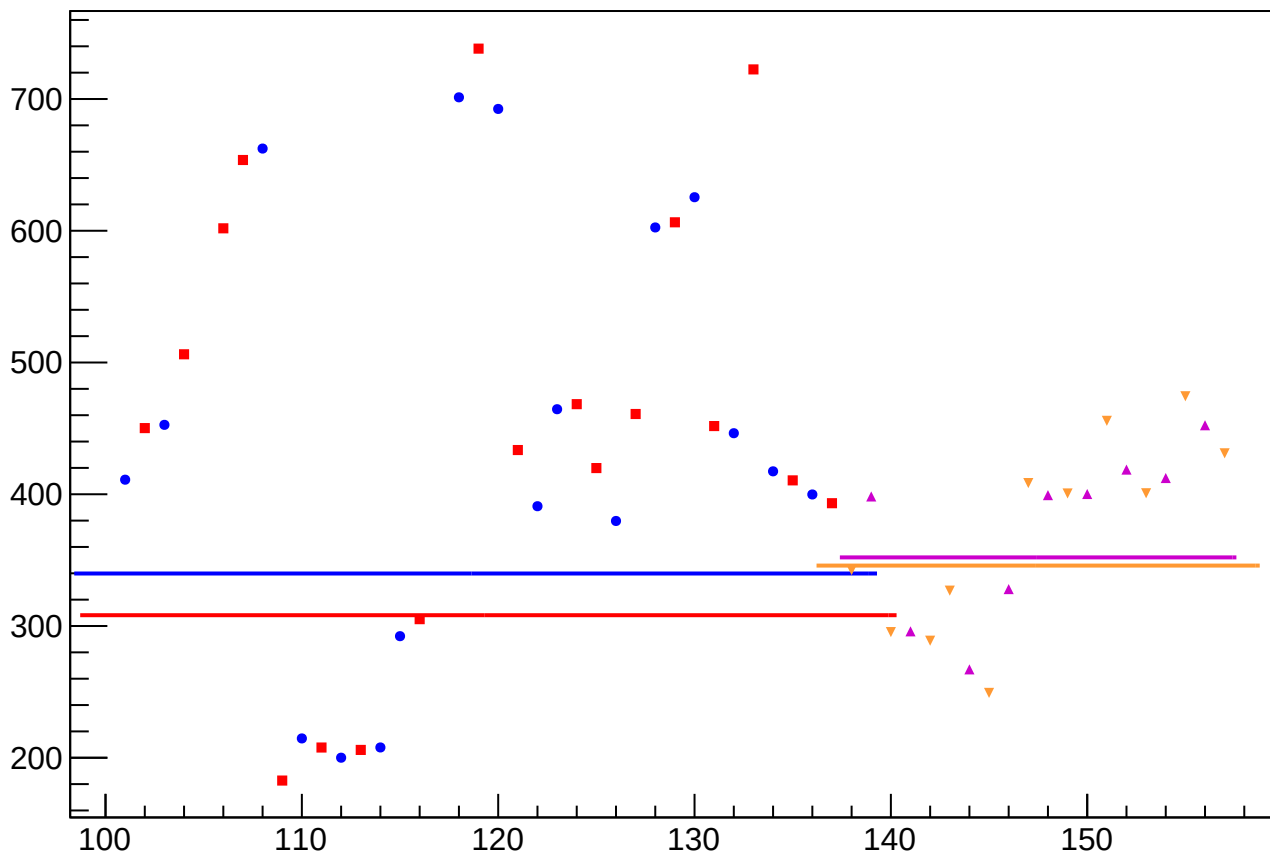
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 132.341+/-96.801 χ^2/NDF : 30.1/25

Out: 183.611+/-89.477 χ^2/NDF : 57.6/28

All: 159.989+/-65.707 χ^2/NDF : 87.9/54

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 345.862 $\pm$ 0.087 χ^2/NDF : 675179.1/10

Right Out: 308.199 $\pm$ 0.092 χ^2/NDF : 2698828.8/17

Left In: 352.075 $\pm$ 0.093 χ^2/NDF : 462960.5/8

Left: 348.772 $\pm$ 0.064 χ^2/NDF : 1140512.5/19

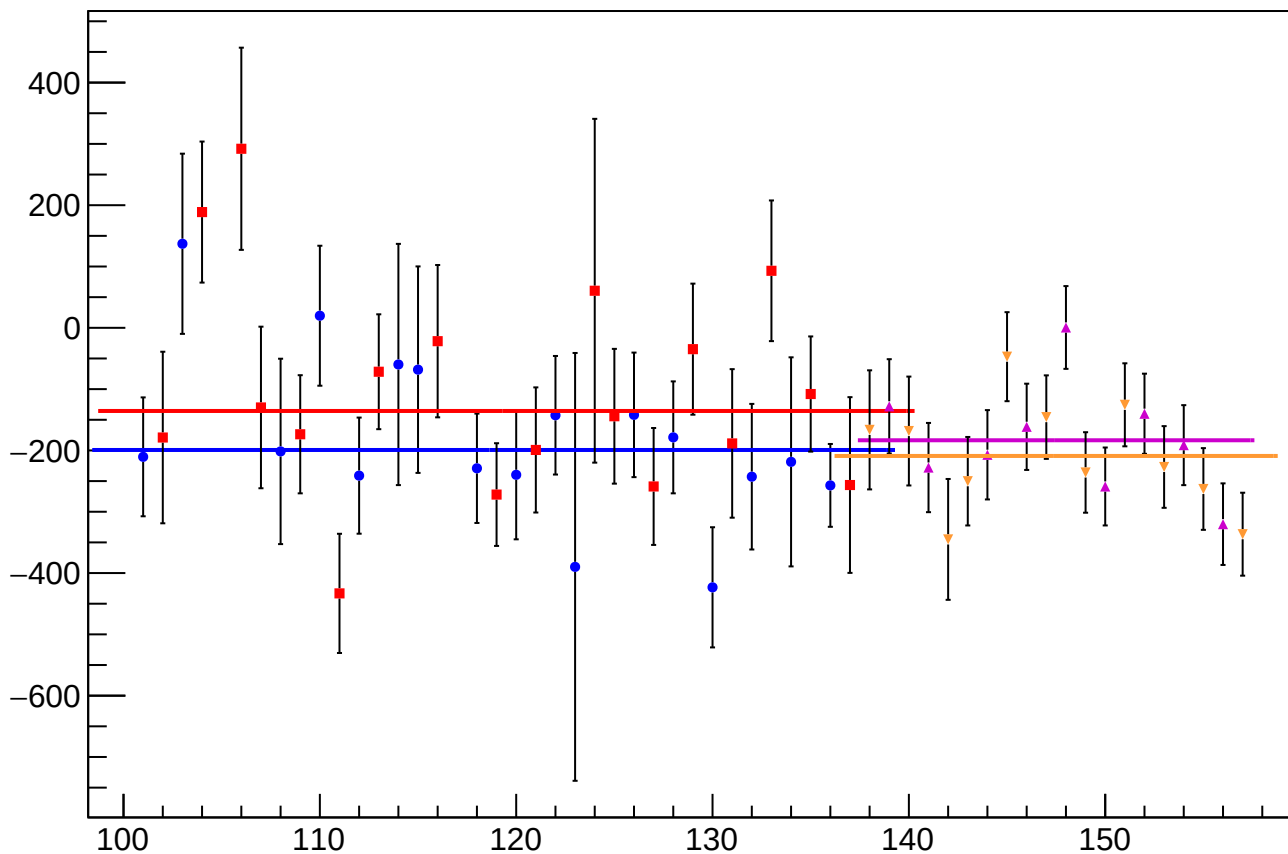
Right: 322.502 $\pm$ 0.068 χ^2/NDF : 4796037.7/34

In: 346.474 $\pm$ 0.068 χ^2/NDF : 2514401.5/25

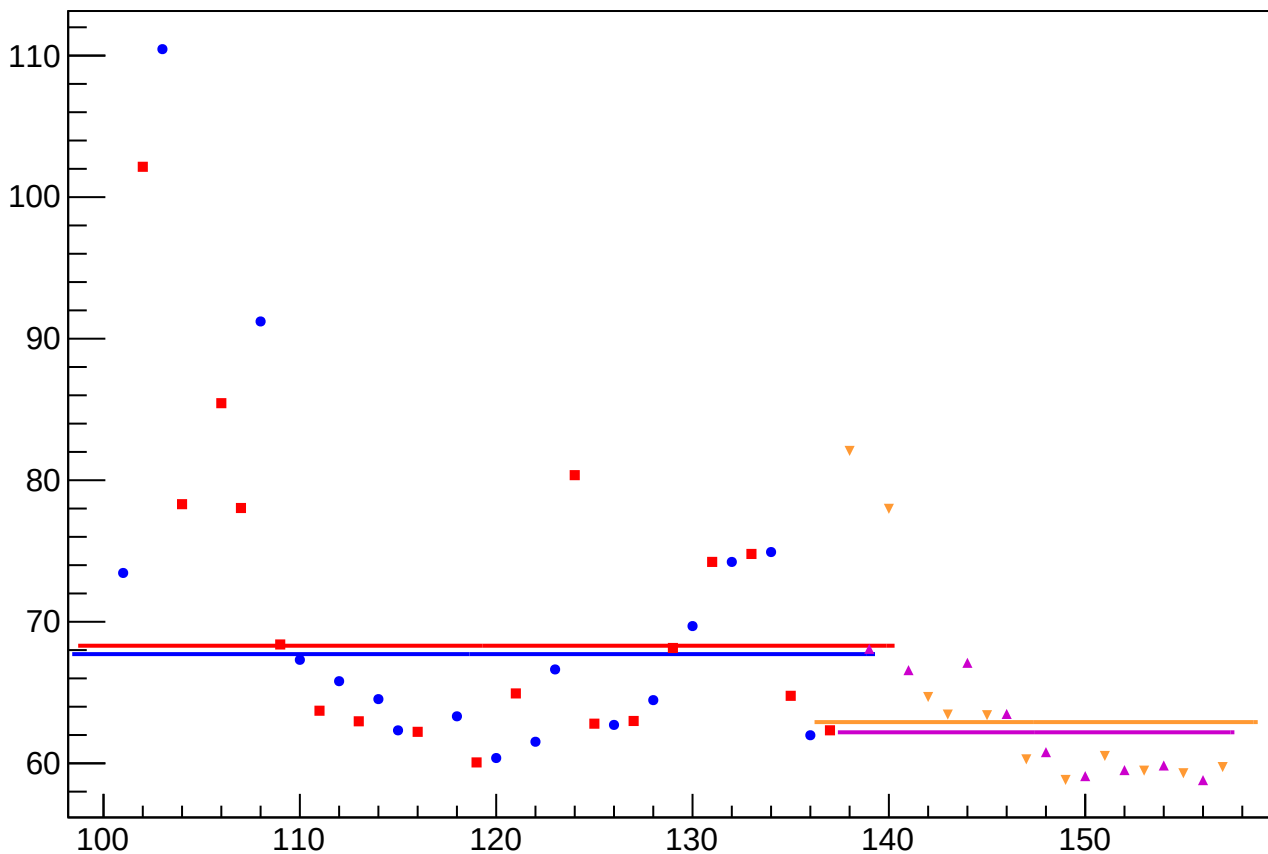
Out: 327.983 $\pm$ 0.063 χ^2/NDF : 3462369.6/28

All: 336.503 $\pm$ 0.046 χ^2/NDF : 6016126.0/54

dit_asym_sam8_mean vs Slug, Sign Corrected



dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 62.913 $\pm$ 0.016 χ^2/NDF : 165100.1/10

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.192 $\pm$ 0.016 χ^2/NDF : 45485.6/8

Left: 62.565 $\pm$ 0.011 χ^2/NDF : 211613.4/19

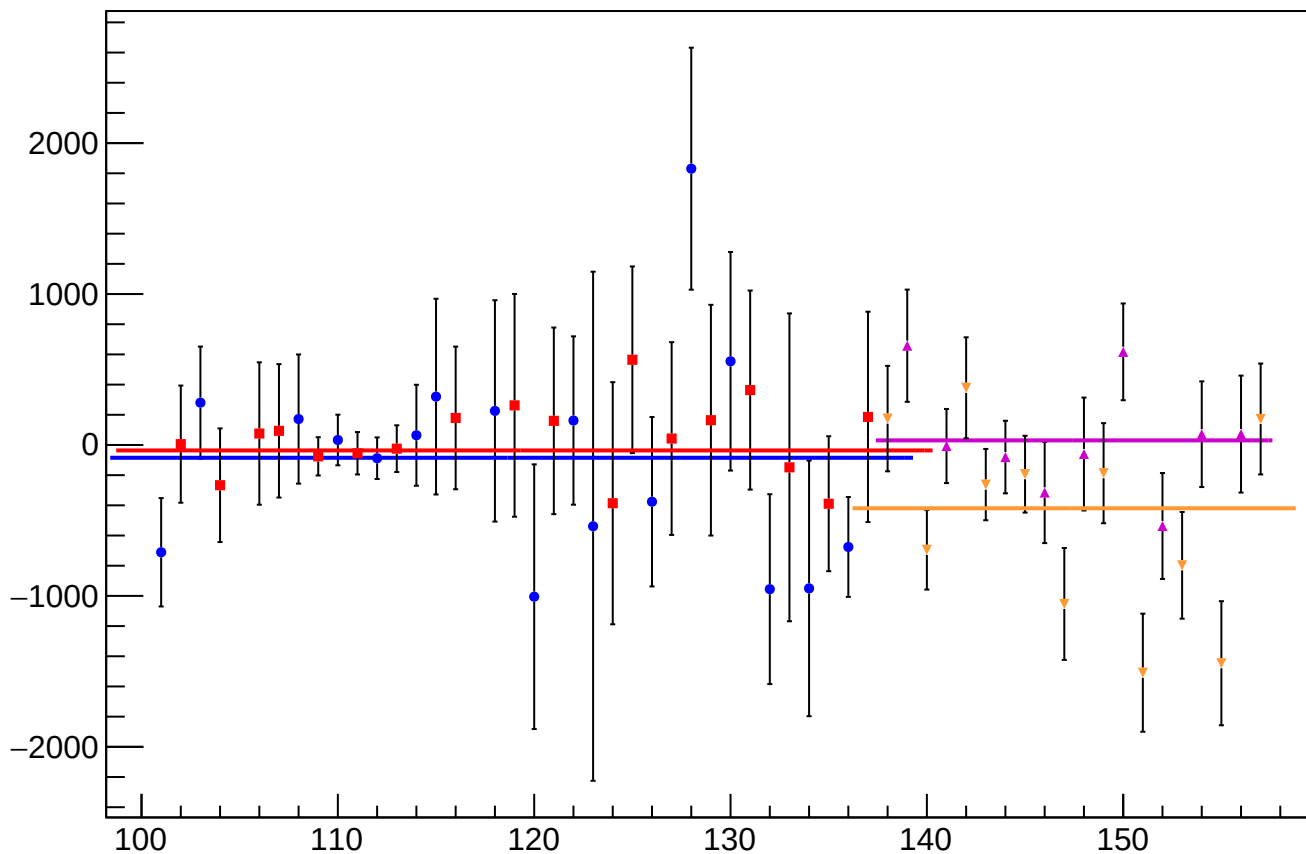
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.549 $\pm$ 0.012 χ^2/NDF : 378124.4/25

Out: 65.148 $\pm$ 0.012 χ^2/NDF : 448909.1/28

All: 64.856 $\pm$ 0.009 χ^2/NDF : 828255.5/54

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -419.358 ± 95.720 $\chi^2/\text{NDF}: 32.1/10$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 30.414 ± 105.503 $\chi^2/\text{NDF}: 10.2/8$

Left: -216.287 ± 70.891 $\chi^2/\text{NDF}: 52.2/19$

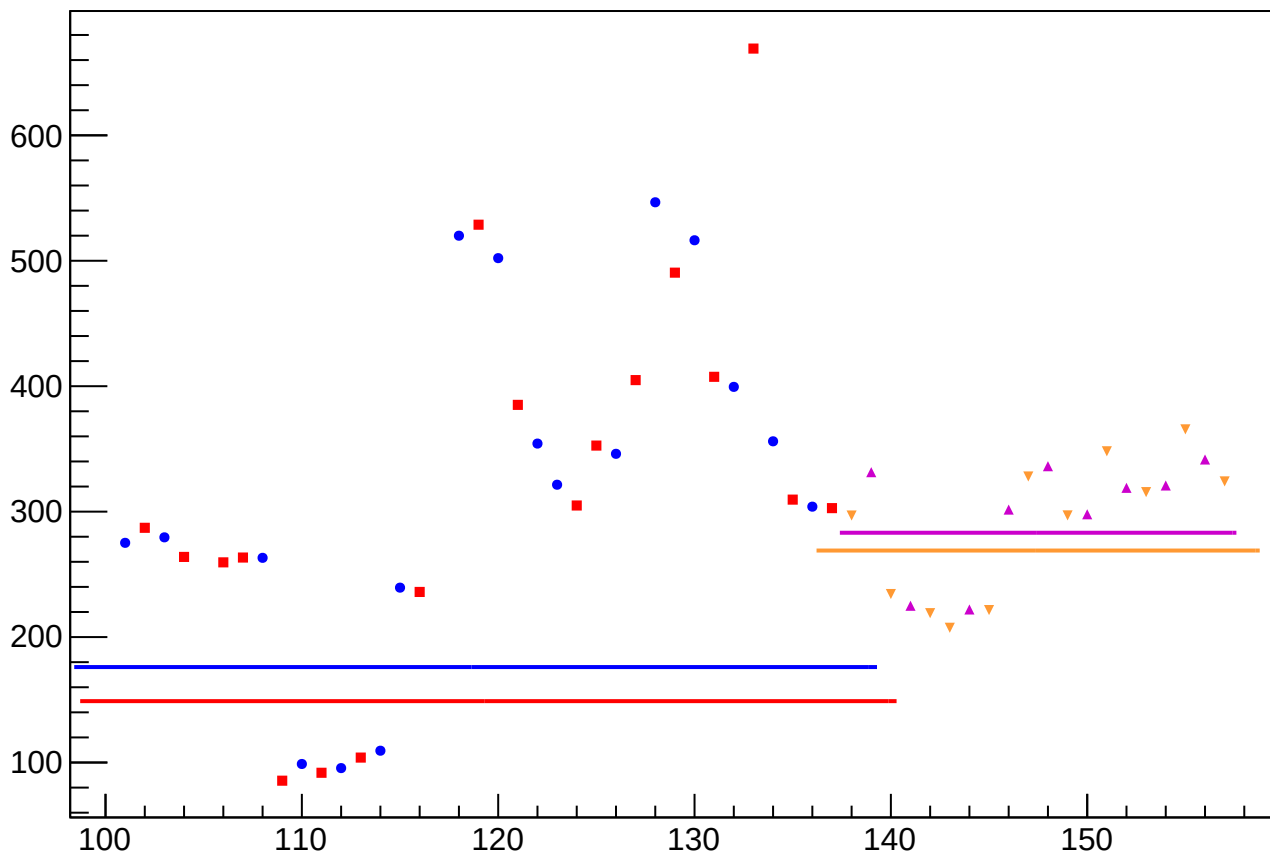
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -40.946 ± 65.071 $\chi^2/\text{NDF}: 30.8/25$

Out: -169.045 ± 56.371 $\chi^2/\text{NDF}: 46.0/28$

All: -114.125 ± 42.607 $\chi^2/\text{NDF}: 79.0/54$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 268.993 $\pm$ 0.068 χ^2 /NDF: 634392.7/10

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 283.173 $\pm$ 0.075 χ^2 /NDF: 415474.2/8

Left: 275.395 $\pm$ 0.050 χ^2 /NDF: 1069683.7/19

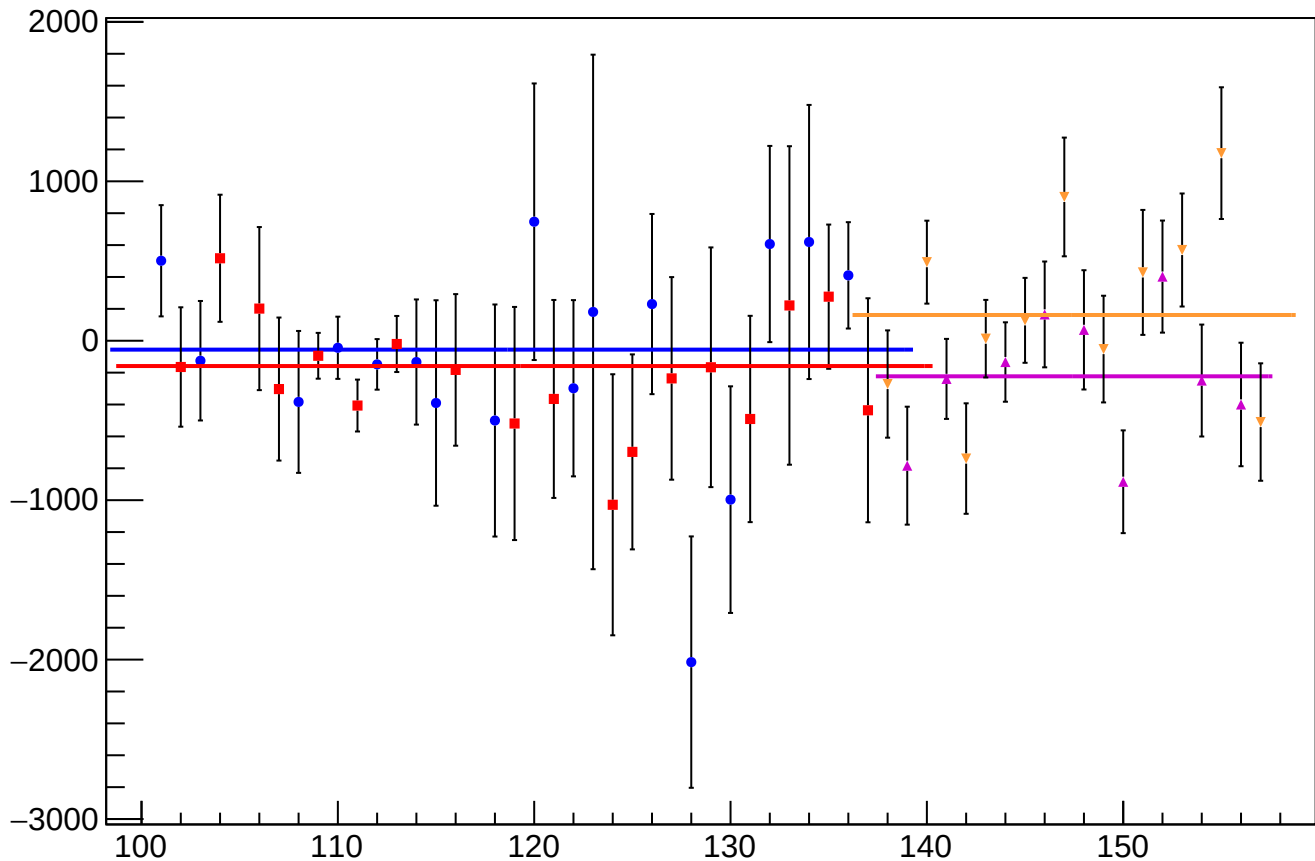
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 216.829 $\pm$ 0.046 χ^2 /NDF: 5915551.1/25

Out: 190.572 $\pm$ 0.040 χ^2 /NDF: 7460515.8/28

All: 201.829 $\pm$ 0.030 χ^2 /NDF: 13562096.8/54

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 161.544 ± 96.766 χ^2/NDF : 25.9/10

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -223.065 ± 106.582 χ^2/NDF : 12.0/8

Left: -12.238 ± 71.643 χ^2/NDF : 45.1/19

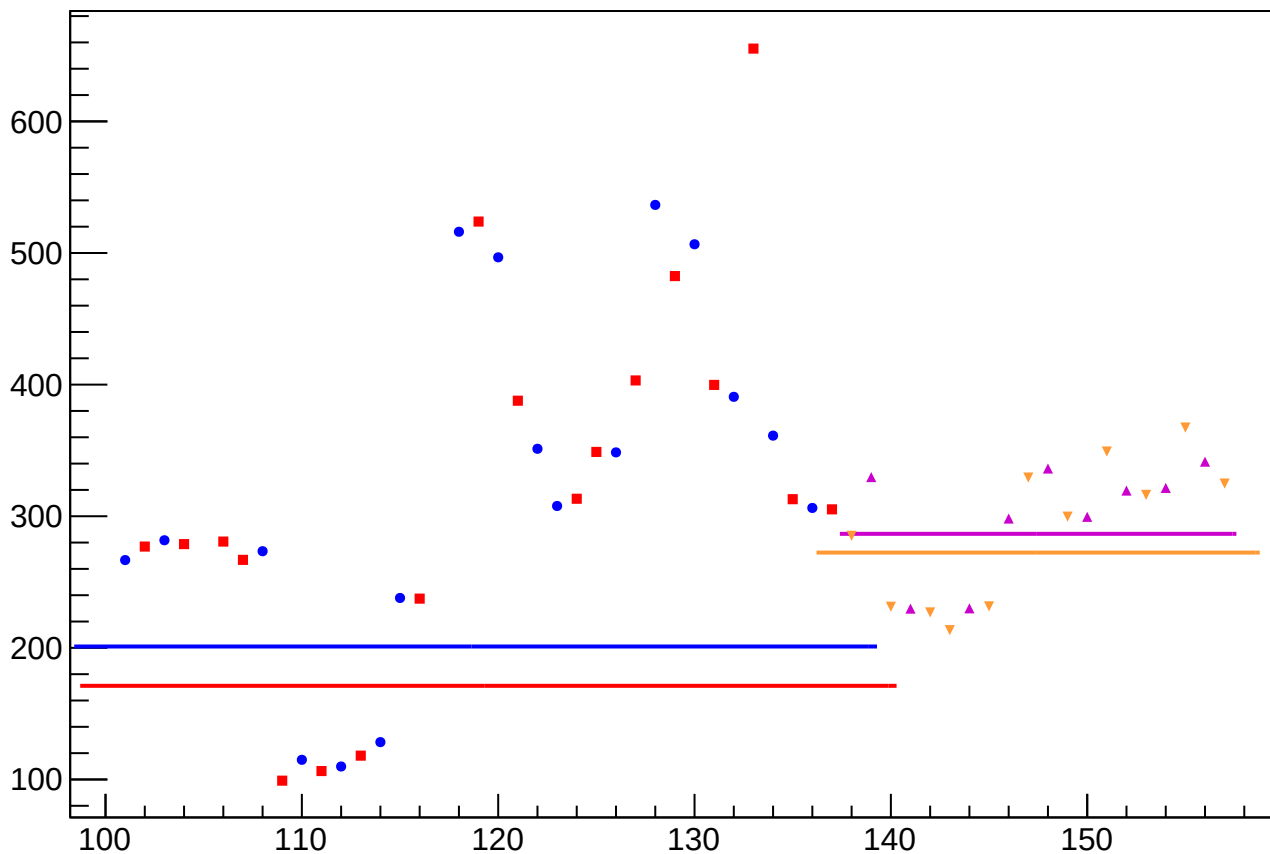
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -125.895 ± 69.018 χ^2/NDF : 30.6/25

Out: -34.383 ± 60.287 χ^2/NDF : 43.0/28

All: -73.988 ± 45.404 χ^2/NDF : 74.6/54

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 272.395 $\pm$ 0.068 χ^2/NDF : 565755.3/10

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 286.633 $\pm$ 0.075 χ^2/NDF : 351132.4/8

Left: 278.828 $\pm$ 0.051 χ^2/NDF : 936452.8/19

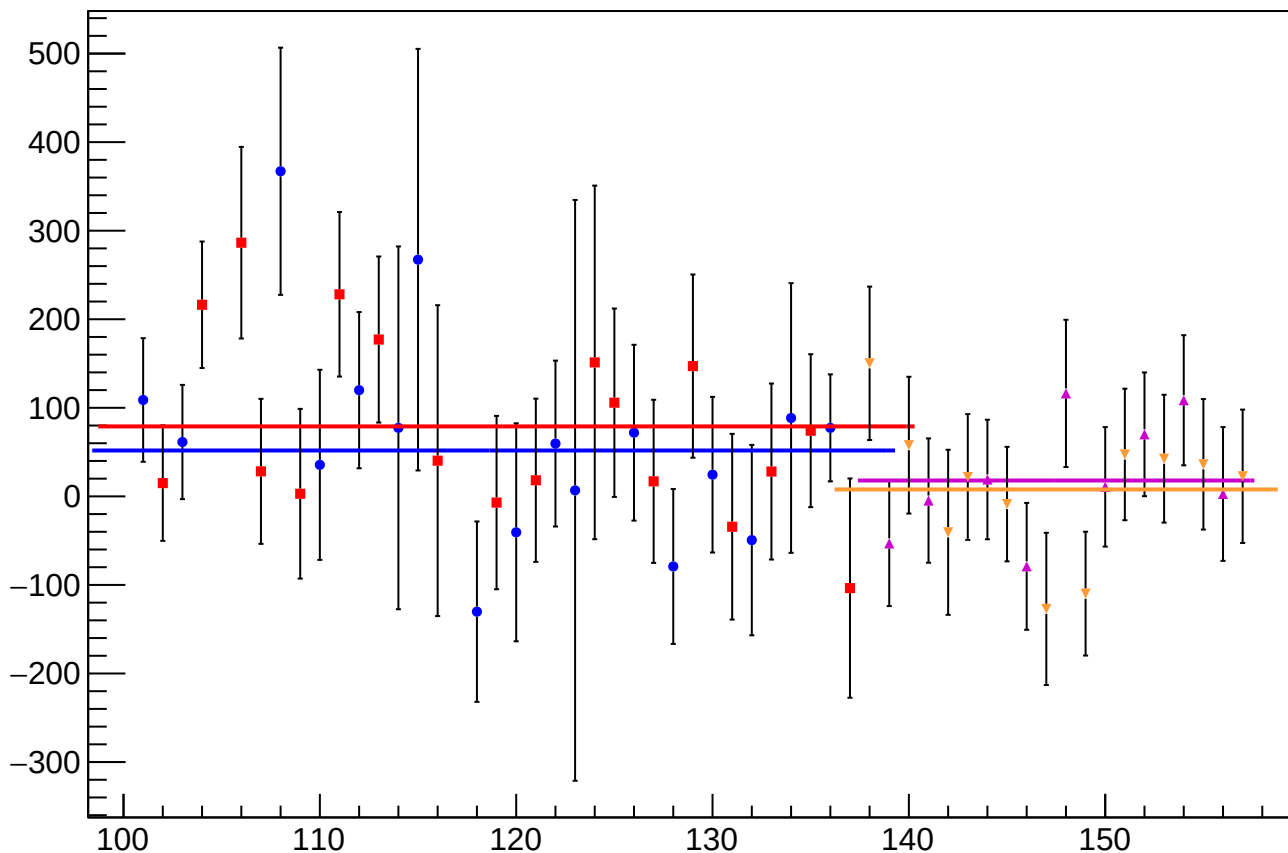
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 236.929 $\pm$ 0.049 χ^2/NDF : 4533200.4/25

Out: 210.453 $\pm$ 0.043 χ^2/NDF : 5970715.7/28

All: 221.912 $\pm$ 0.032 χ^2/NDF : 10670857.9/54

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 7.799 $\pm$ 22.780 χ^2 /NDF: 9.5/10

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 17.930 $\pm$ 23.926 χ^2 /NDF: 6.5/8

Left: 12.616 $\pm$ 16.498 χ^2 /NDF: 16.1/19

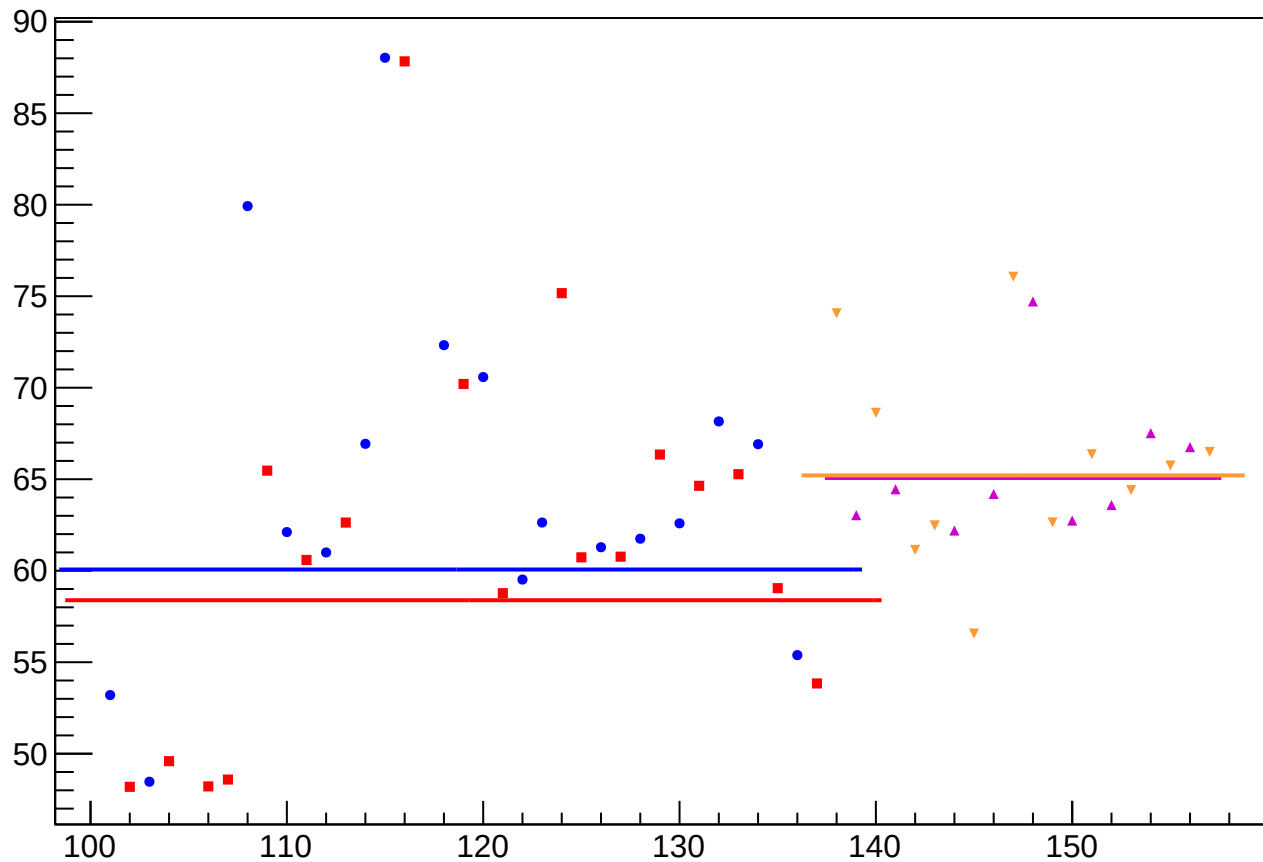
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 35.142 $\pm$ 16.780 χ^2 /NDF: 22.0/25

Out: 43.846 $\pm$ 16.008 χ^2 /NDF: 33.4/28

All: 39.698 $\pm$ 11.582 χ^2 /NDF: 55.6/54

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.209 $\pm$ 0.016 χ^2 /NDF:103353.6/10

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 65.068 $\pm$ 0.017 χ^2 /NDF:39150.4/8

Left: 65.142 $\pm$ 0.012 χ^2 /NDF: 142540.6/19

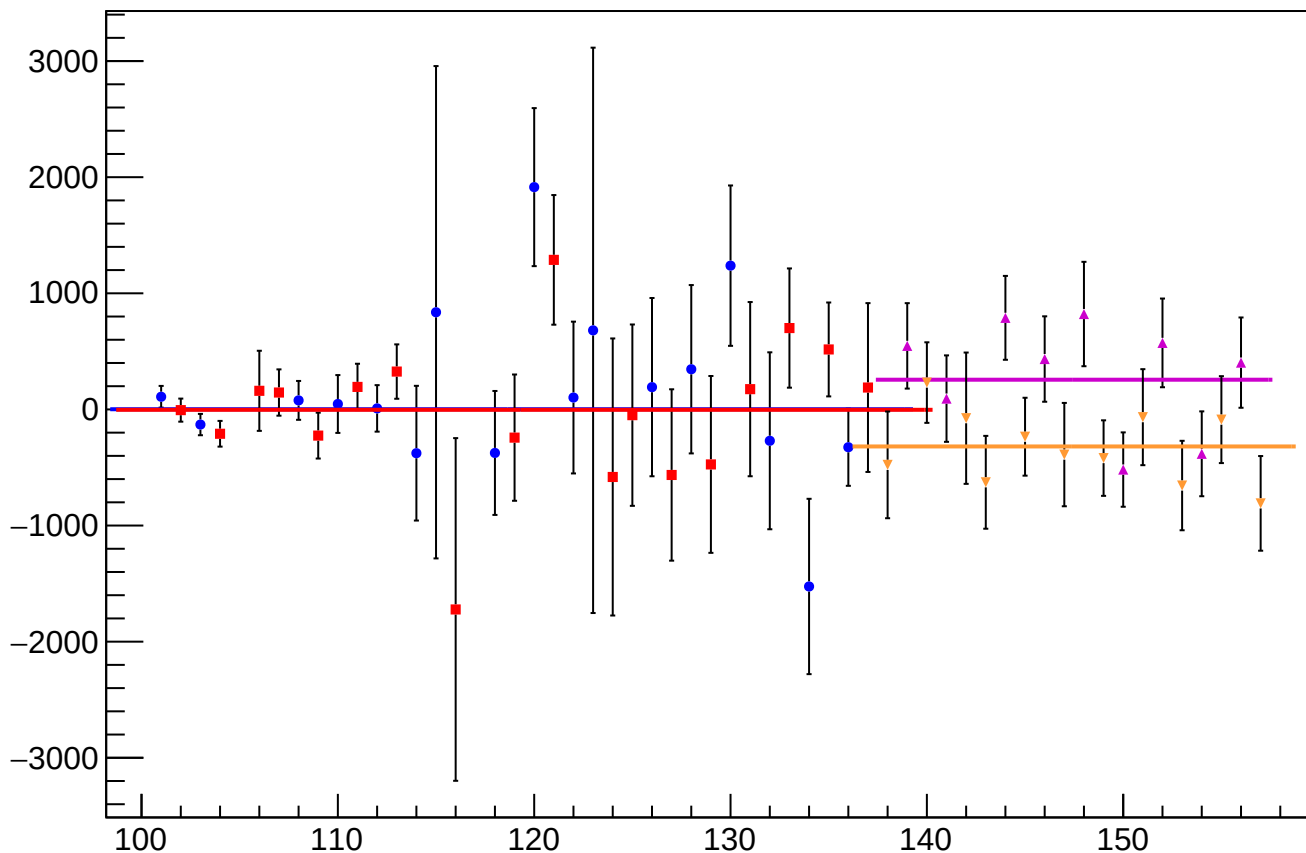
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 62.526 $\pm$ 0.012 χ^2 /NDF:312673.2/25

Out: 61.756 $\pm$ 0.011 χ^2 /NDF:469164.9/28

All: 62.122 $\pm$ 0.008 χ^2 /NDF: 784042.7/54

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -318.879 ± 118.201 χ^2/NDF : 6.6/10

Right Out: -3.242 ± 56.611 χ^2/NDF : 20.2/17

Left In: 255.870 ± 123.732 χ^2/NDF : 14.5/8

Left: -44.635 ± 85.469 χ^2/NDF : 32.4/19

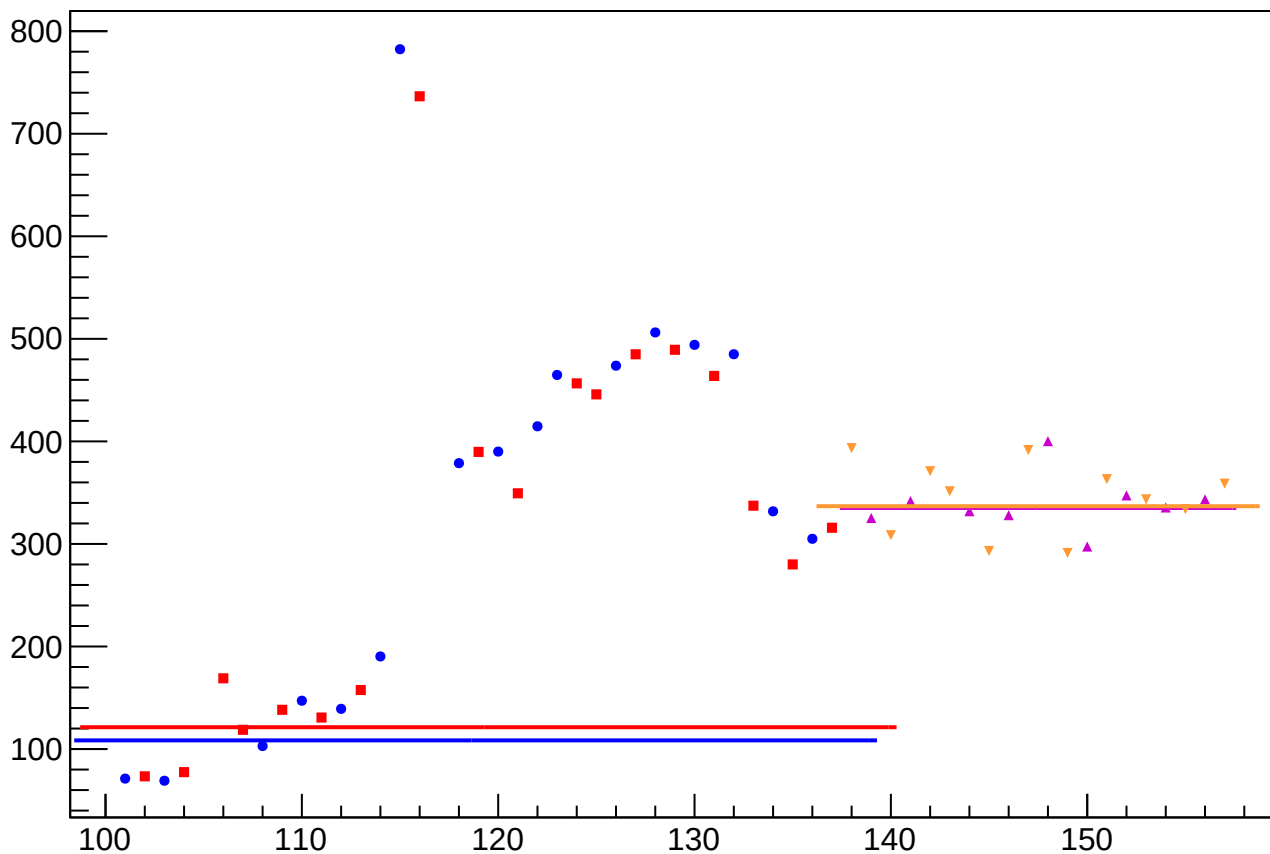
Right: -0.730 ± 39.182 χ^2/NDF : 41.6/34

In: 42.626 ± 49.710 χ^2/NDF : 39.5/25

Out: -62.135 ± 51.058 χ^2/NDF : 32.6/28

All: -8.354 ± 35.617 χ^2/NDF : 74.2/54

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: 336.802 $\pm$ 0.084 χ^2 /NDF: 171670.1/10

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 335.074 $\pm$ 0.087 χ^2 /NDF: 75552.9/8

Left: 335.978 $\pm$ 0.060 χ^2 /NDF: 247427.1/19

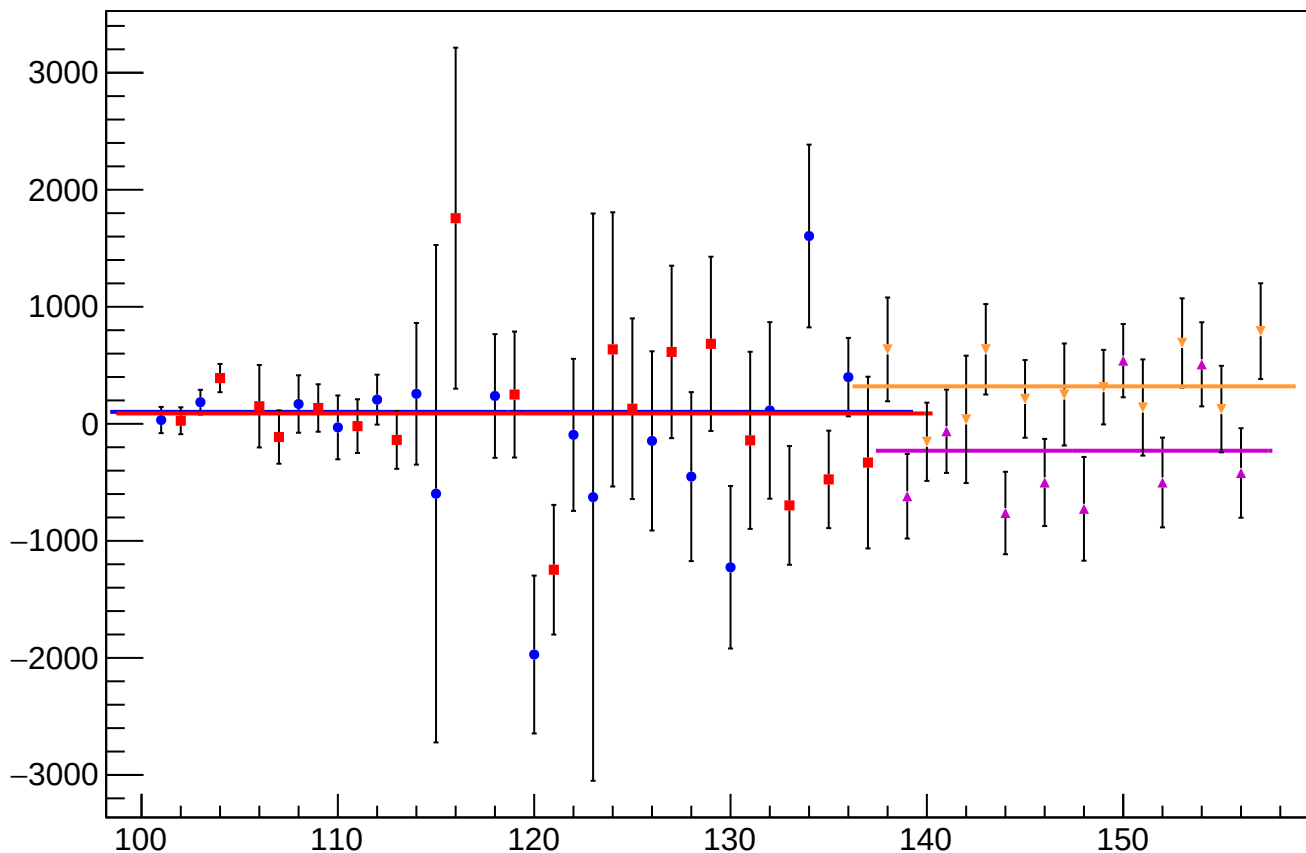
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 145.025 $\pm$ 0.035 χ^2 /NDF: 11106289.2/25

Out: 161.512 $\pm$ 0.036 χ^2 /NDF: 10310636.5/28

All: 153.048 $\pm$ 0.025 χ^2 /NDF: 21523980.6/54

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 320.402 $\pm$ 115.923 χ^2 /NDF:6.3/10

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -229.822 $\pm$ 121.723 χ^2 /NDF:16.5/8

Left: 58.712 $\pm$ 83.946 χ^2 /NDF: 33.5/19

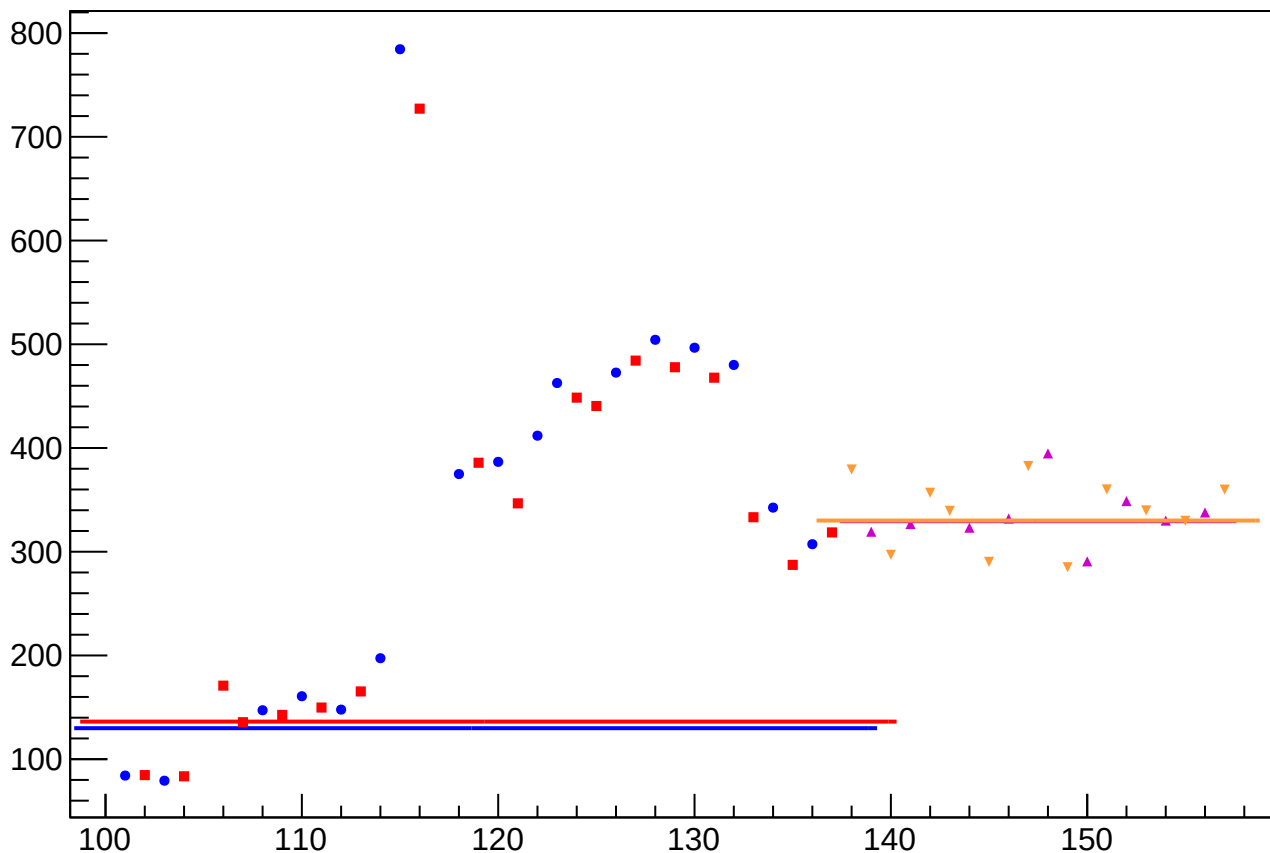
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 31.843 $\pm$ 56.039 χ^2 /NDF:42.6/25

Out: 140.644 $\pm$ 54.829 χ^2 /NDF:31.2/28

All: 87.431 $\pm$ 39.191 χ^2 /NDF: 75.7/54

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 330.074 $\pm$ 0.082 χ^2 /NDF: 170585.1/10

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 329.434 $\pm$ 0.086 χ^2 /NDF: 82538.8/8

Left: 329.770 $\pm$ 0.059 χ^2 /NDF: 253152.9/19

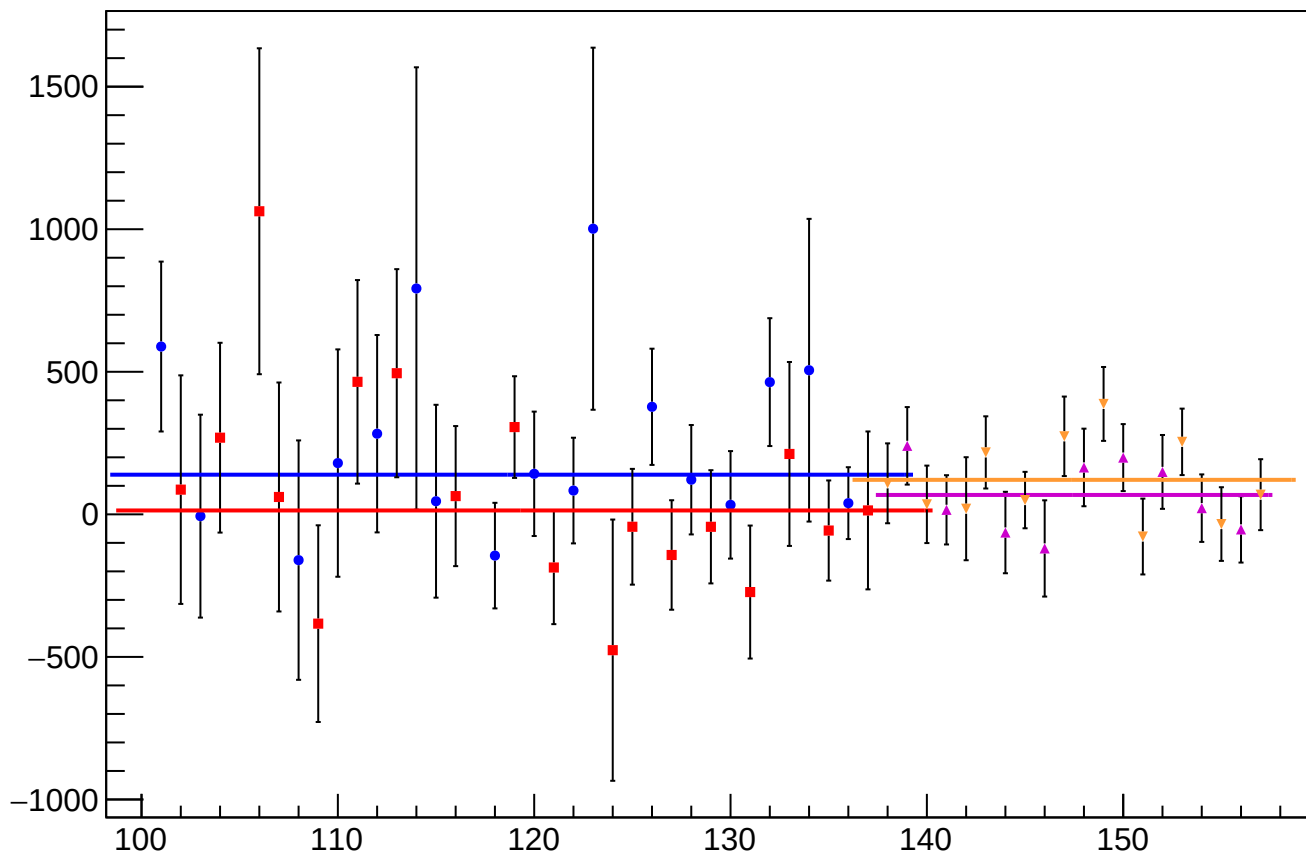
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 172.179 $\pm$ 0.040 χ^2 /NDF: 9147901.4/25

Out: 179.591 $\pm$ 0.039 χ^2 /NDF: 8794923.7/28

All: 175.966 $\pm$ 0.028 χ^2 /NDF: 17960701.2/54

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 121.024 $\pm$ 38.750 χ^2 /NDF:12.4/10

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 68.035 $\pm$ 43.137 χ^2 /NDF:7.2/8

Left: 97.361 $\pm$ 28.827 χ^2 /NDF: 20.5/19

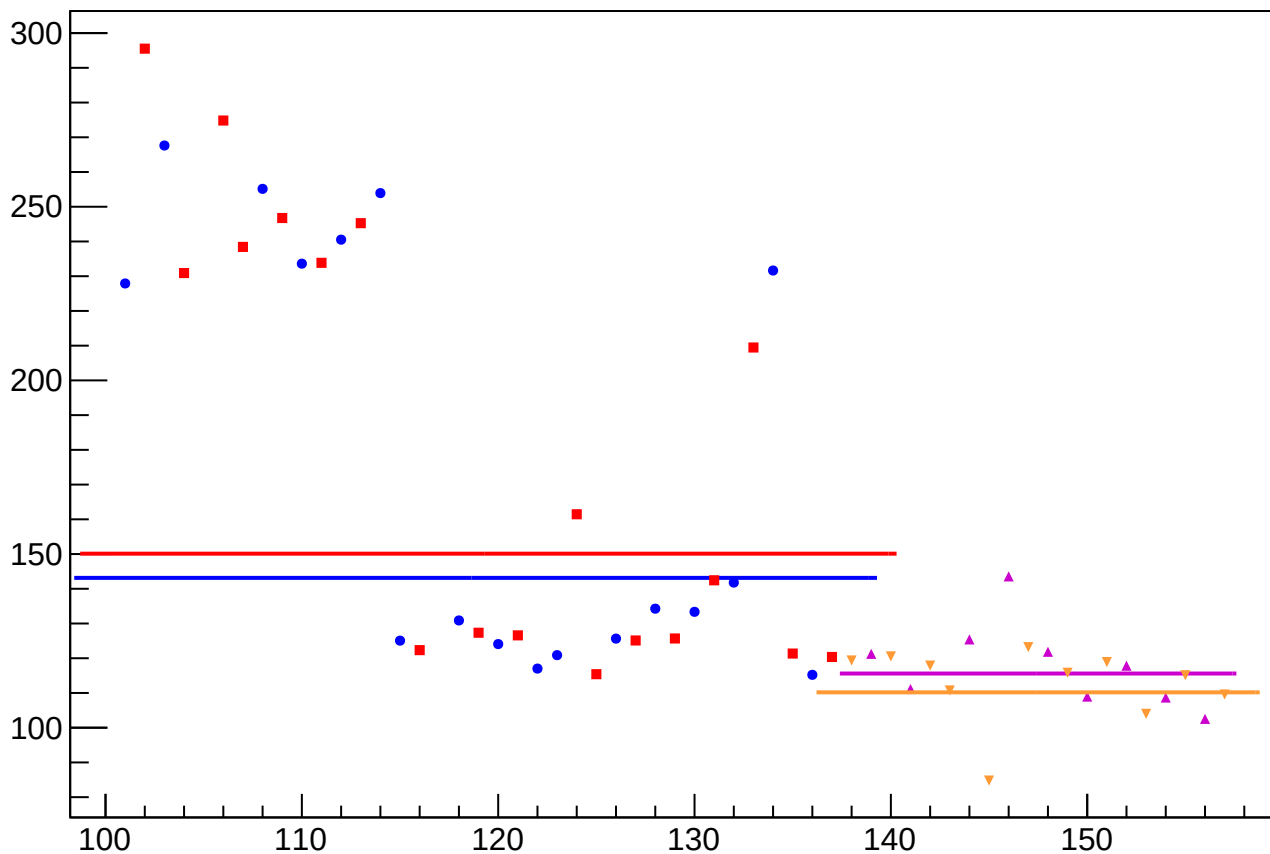
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 93.352 $\pm$ 34.609 χ^2 /NDF:21.3/25

Out: 89.511 $\pm$ 32.572 χ^2 /NDF:31.1/28

All: 91.315 $\pm$ 23.719 χ^2 /NDF: 52.4/54

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 110.183 $\pm$ 0.027 χ^2 /NDF:194016.7/10

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 115.598 $\pm$ 0.031 χ^2 /NDF:113818.5/8

Left: 112.601 $\pm$ 0.020 χ^2 /NDF: 325278.4/19

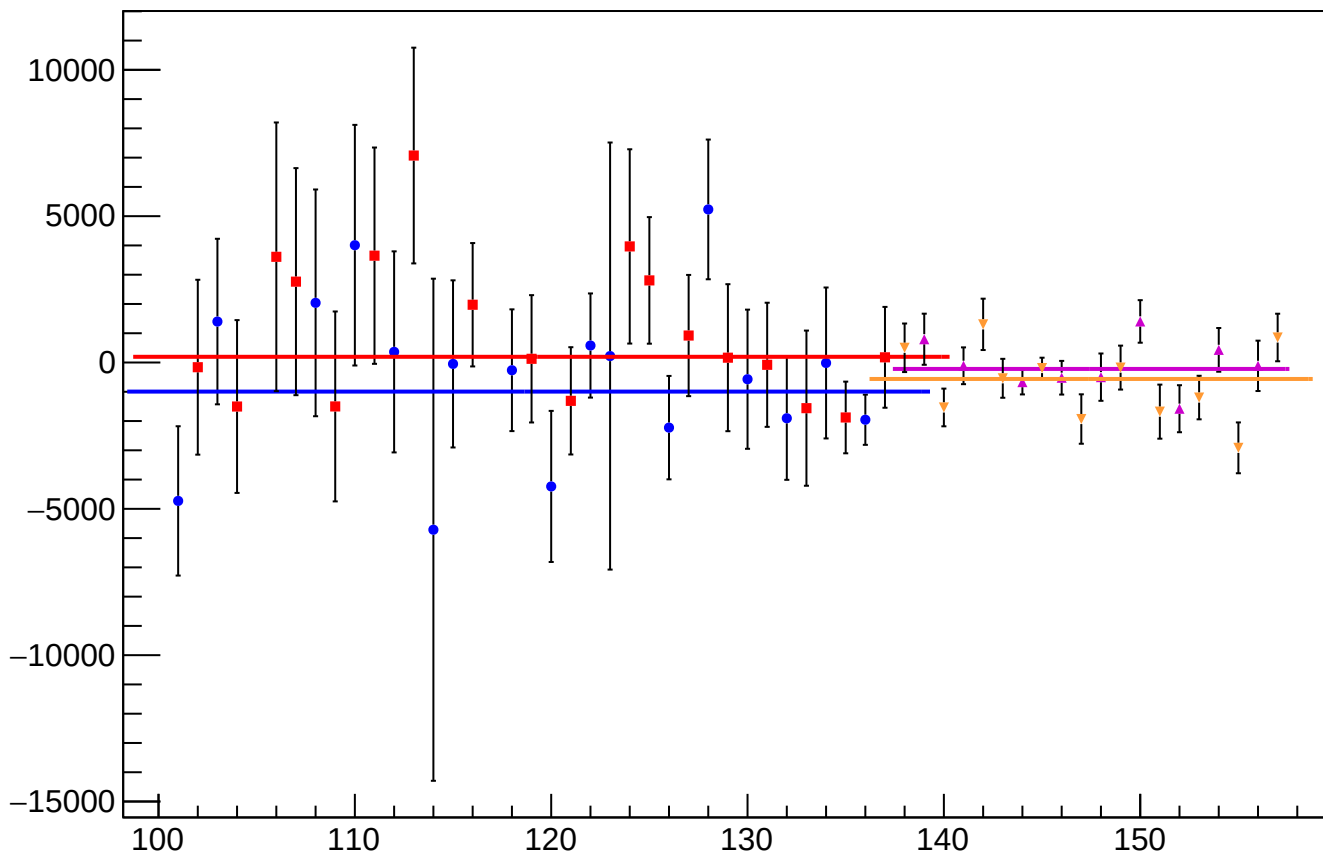
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 125.411 $\pm$ 0.024 χ^2 /NDF:1505569.1/25

Out: 121.899 $\pm$ 0.023 χ^2 /NDF:2149885.4/28

All: 123.548 $\pm$ 0.017 χ^2 /NDF: 3666373.9/54

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -562.219+/-202.360 χ^2/NDF : 25.0/10

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -219.692+/-220.168 χ^2/NDF : 11.5/8

Left: -405.366+/-148.988 χ^2/NDF : 37.9/19

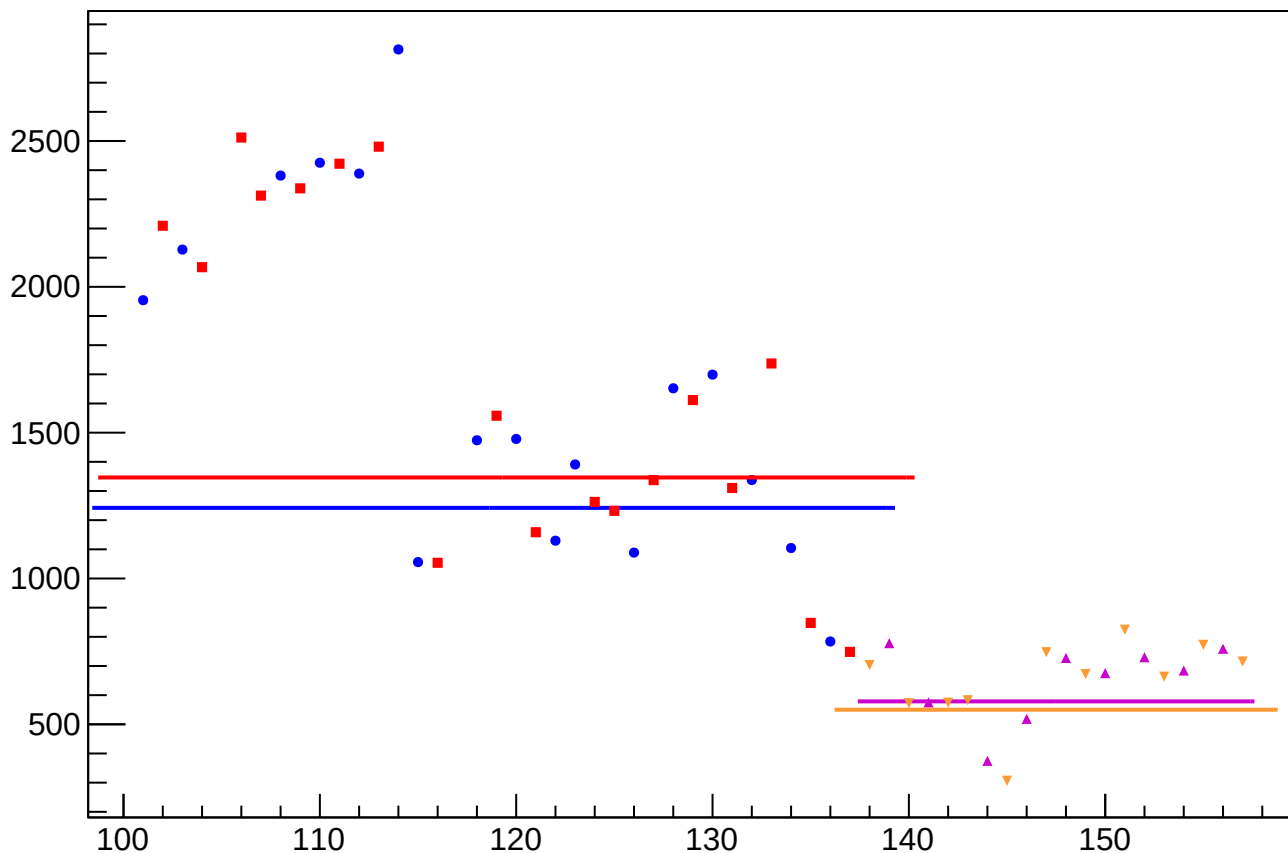
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -338.735+/-202.532 χ^2/NDF : 30.4/25

Out: -470.117+/-189.655 χ^2/NDF : 40.3/28

All: -408.735+/-138.435 χ^2/NDF : 70.9/54

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 550.008 $\pm$ 0.143 χ^2 /NDF:1624457.6/10

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 578.661 $\pm$ 0.156 χ^2 /NDF:898095.2/8

Left: 563.129 $\pm$ 0.105 χ^2 /NDF: 2540914.3/19

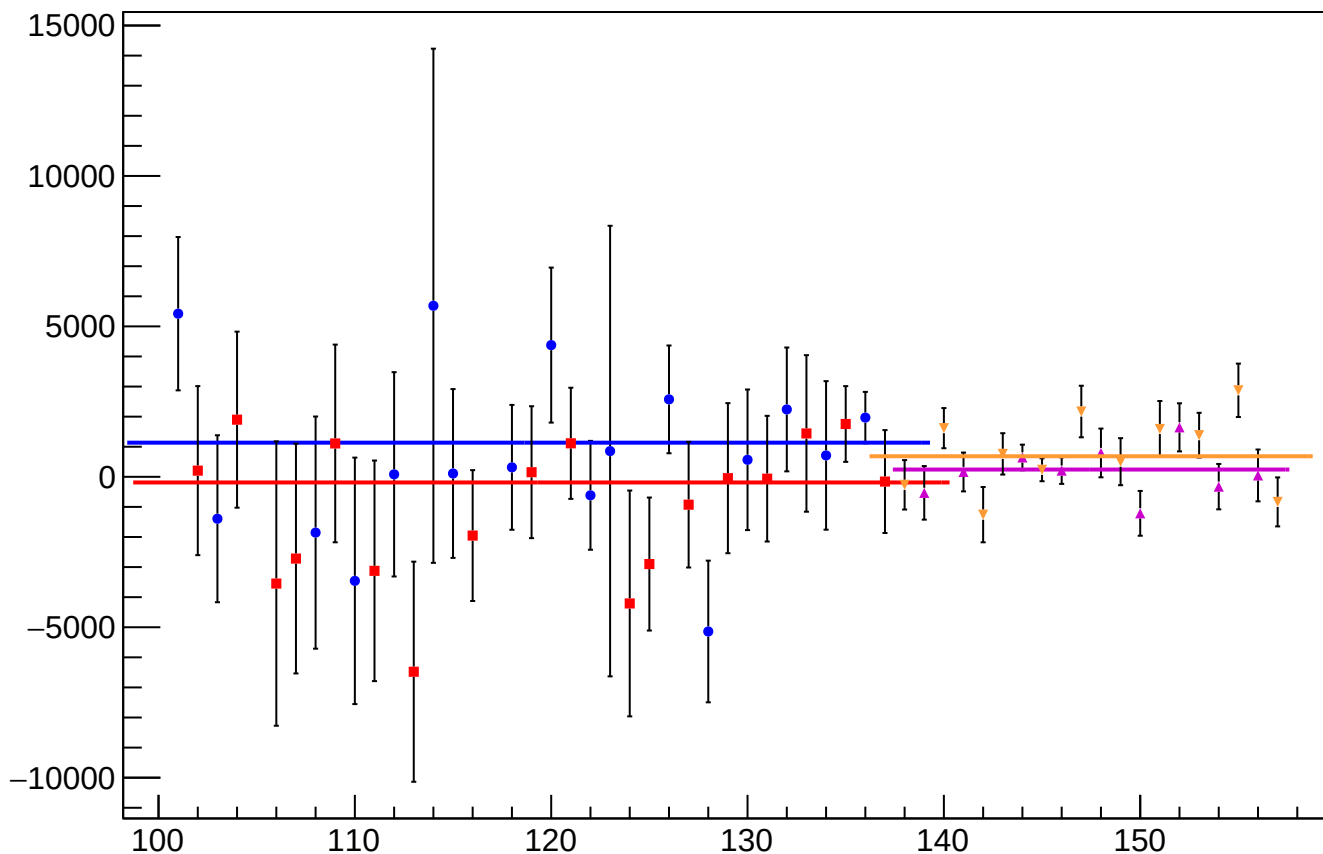
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 680.698 $\pm$ 0.143 χ^2 /NDF:5458893.6/25

Out: 646.861 $\pm$ 0.134 χ^2 /NDF:7200535.0/28

All: 662.670 $\pm$ 0.098 χ^2 /NDF: 12689172.4/54

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 683.428 $\pm$ 210.048 χ^2 /NDF: 23.6/10

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 242.054 $\pm$ 211.616 χ^2 /NDF: 9.7/8

Left: 464.382 $\pm$ 149.078 χ^2 /NDF: 35.5/19

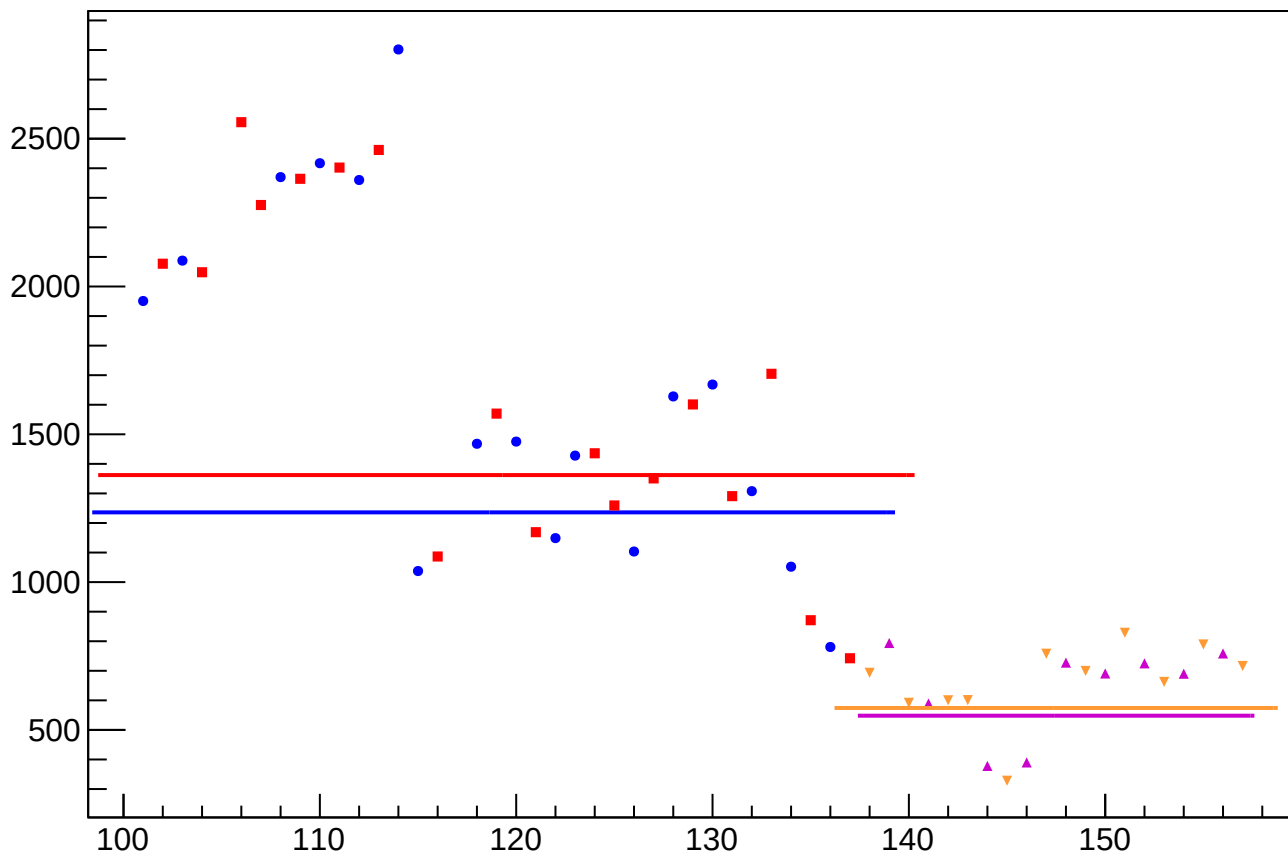
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 371.603 $\pm$ 195.668 χ^2 /NDF: 30.0/25

Out: 571.930 $\pm$ 196.142 χ^2 /NDF: 37.8/28

All: 471.524 $\pm$ 138.526 χ^2 /NDF: 68.3/54

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 574.276 $\pm$ 0.149 χ^2 /NDF:1382110.7/10

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 548.110 $\pm$ 0.150 χ^2 /NDF:1197261.1/8

Left: 561.290 $\pm$ 0.105 χ^2 /NDF: 2594774.4/19

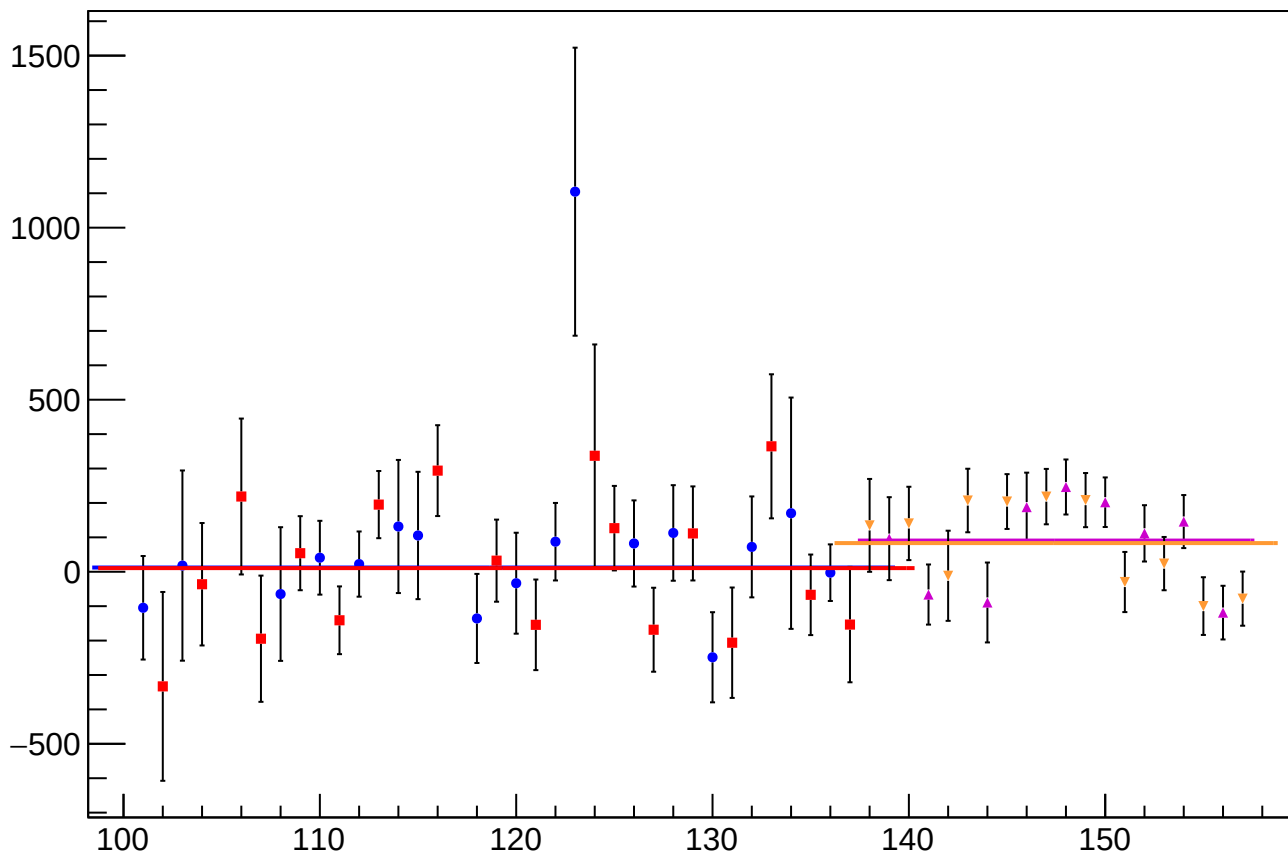
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 647.876 $\pm$ 0.138 χ^2 /NDF:6007730.9/25

Out: 675.133 $\pm$ 0.139 χ^2 /NDF:6693181.0/28

All: 661.472 $\pm$ 0.098 χ^2 /NDF: 12720269.0/54

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 ± 33.228 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 83.338 ± 26.789 $\chi^2/\text{NDF}: 21.6/10$

Right Out: 10.591 ± 32.606 $\chi^2/\text{NDF}: 26.7/17$

Left In: 90.657 ± 28.810 $\chi^2/\text{NDF}: 20.5/8$

Left: 86.732 ± 19.618 $\chi^2/\text{NDF}: 42.2/19$

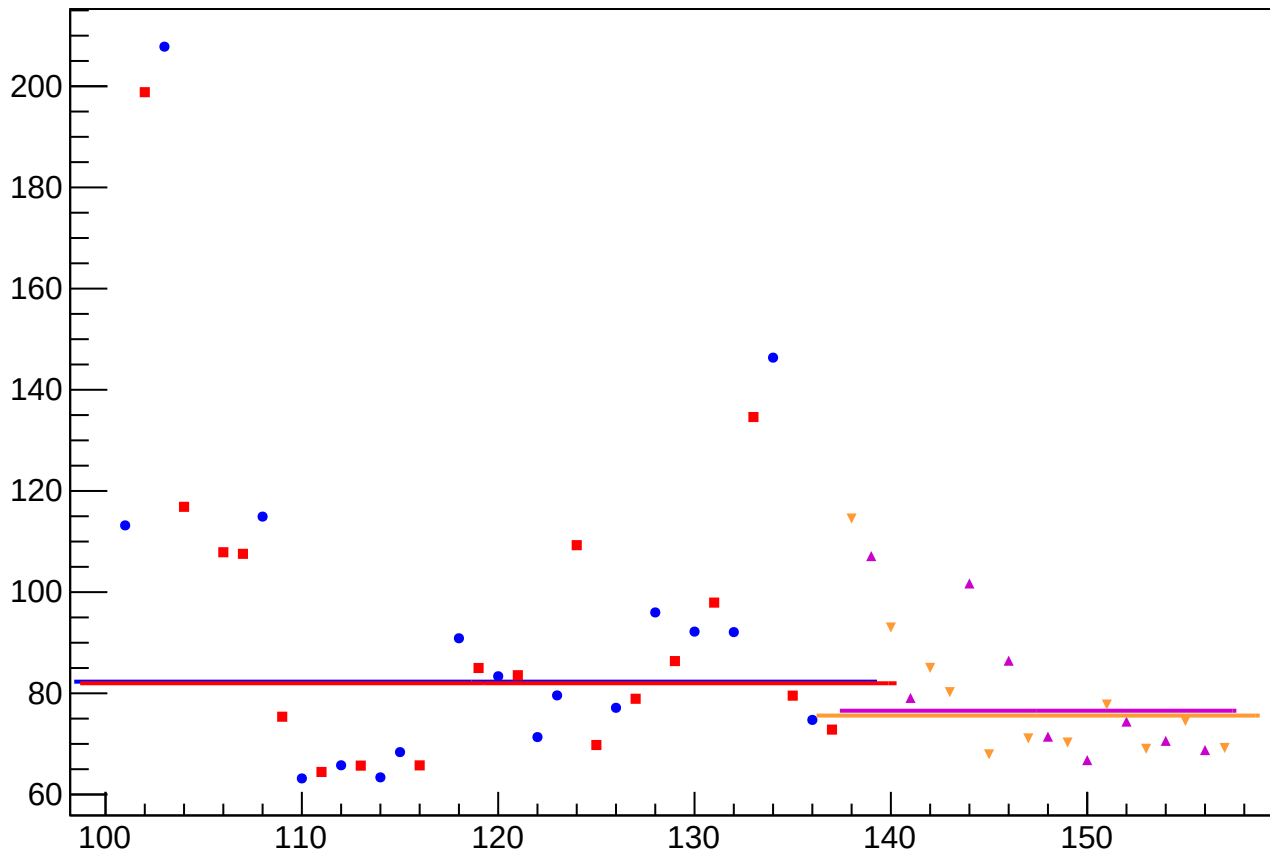
Right: 11.434 ± 23.273 $\chi^2/\text{NDF}: 42.1/34$

In: 57.034 ± 21.767 $\chi^2/\text{NDF}: 39.1/25$

Out: 54.022 ± 20.699 $\chi^2/\text{NDF}: 51.3/28$

All: 55.452 ± 15.000 $\chi^2/\text{NDF}: 90.4/54$

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 75.601 $\pm$ 0.019 χ^2 /NDF: 298543.1/10

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 76.563 $\pm$ 0.020 χ^2 /NDF: 321833.9/8

Left: 76.047 $\pm$ 0.014 χ^2 /NDF: 621572.5/19

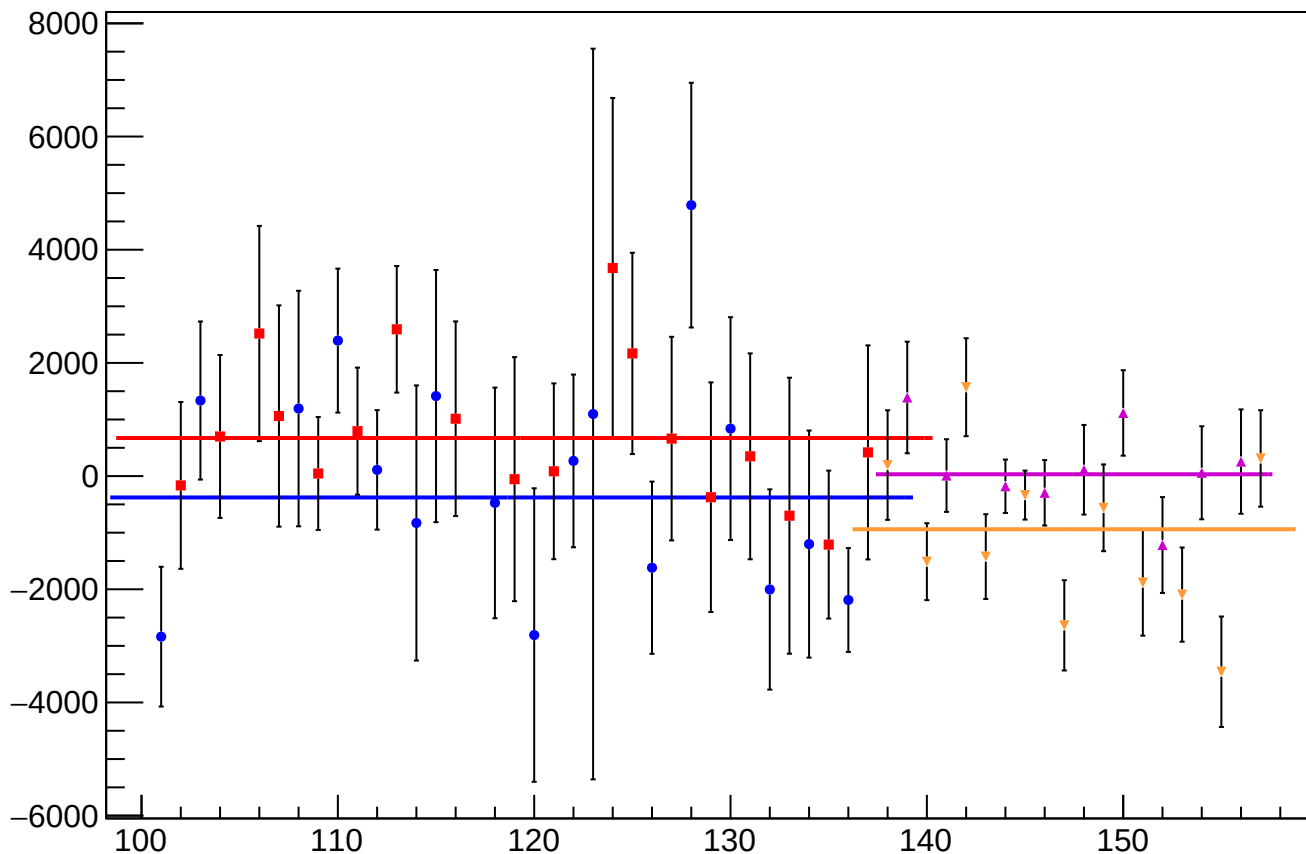
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 79.027 $\pm$ 0.015 χ^2 /NDF: 1224684.0/25

Out: 78.175 $\pm$ 0.015 χ^2 /NDF: 1197568.0/28

All: 78.580 $\pm$ 0.011 χ^2 /NDF: 2423864.0/54

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -939.393+/-223.744 χ^2/NDF :29.4/10

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: 32.162+/-233.511 χ^2/NDF :6.7/8

Left: -474.358+/-161.554 χ^2/NDF : 45.1/19

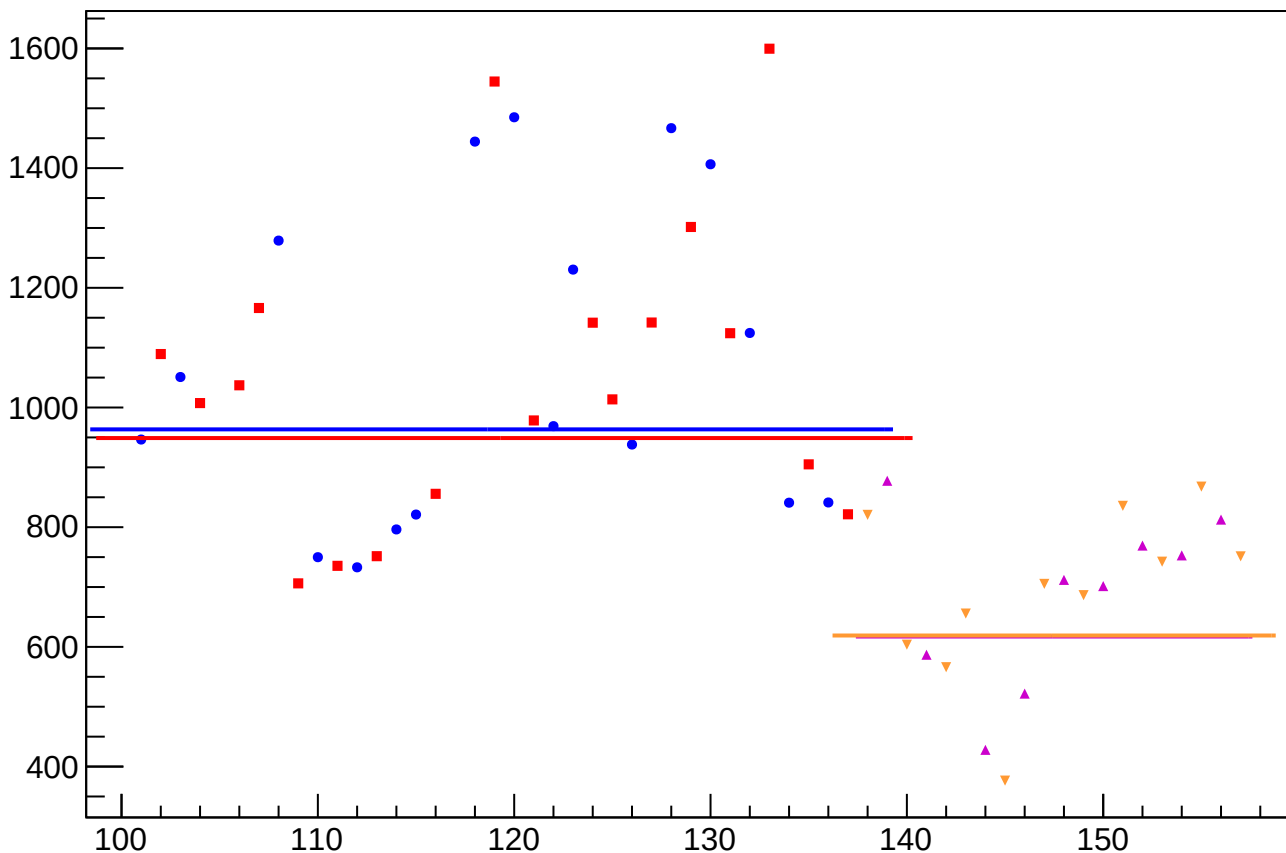
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: -78.428+/-199.503 χ^2/NDF :32.0/25

Out: -505.240+/-191.268 χ^2/NDF :52.7/28

All: -300.824+/-138.066 χ^2/NDF : 87.1/54

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 619.011+/-0.158 χ^2/NDF : 1096004.8/10

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 617.295+/-0.165 χ^2/NDF : 782593.8/8

Left: 618.190+/-0.114 χ^2/NDF : 1878654.9/19

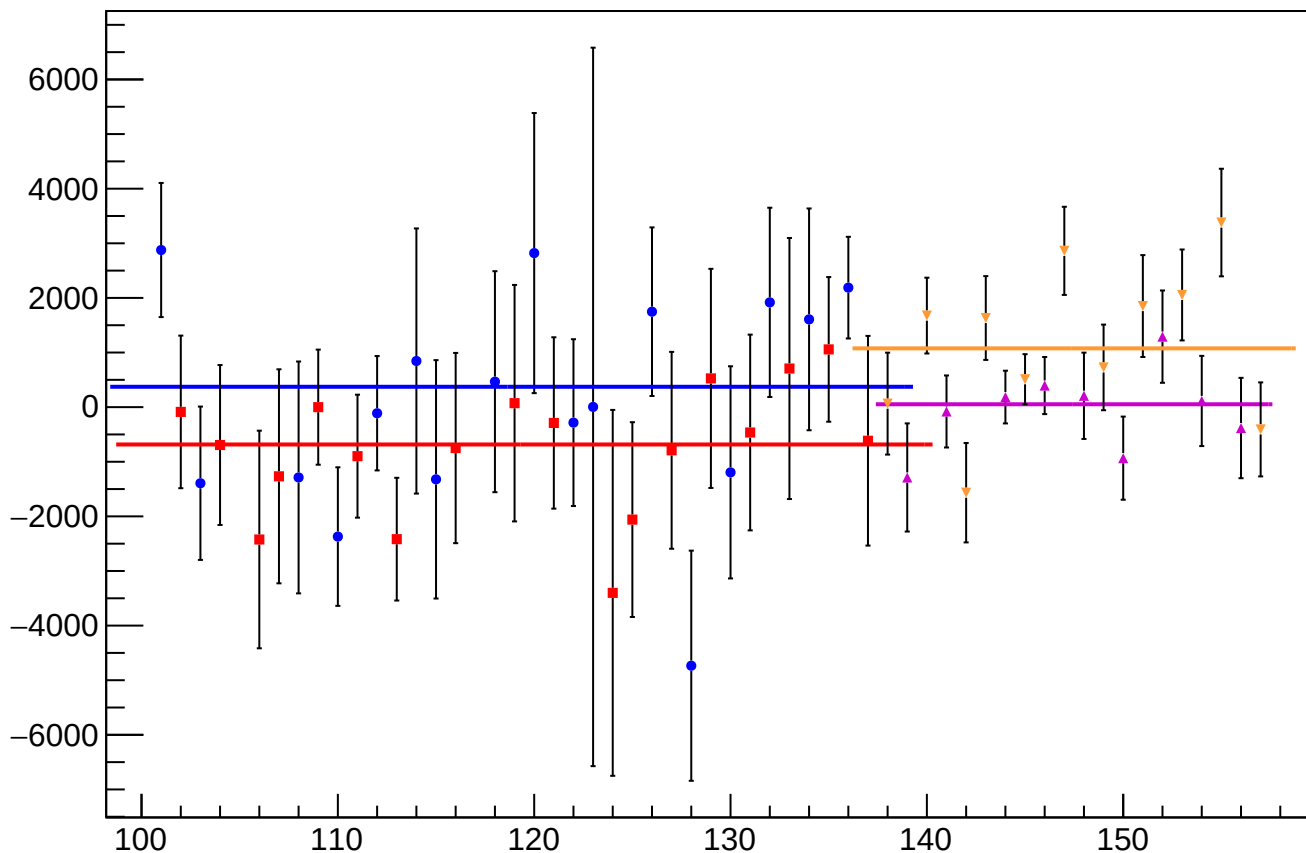
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 710.785+/-0.141 χ^2/NDF : 2658525.9/25

Out: 707.839+/-0.135 χ^2/NDF : 2996249.2/28

All: 709.250+/-0.098 χ^2/NDF : 5655002.4/54

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1076.256 $\pm$ 229.313 χ^2 /NDF:28.0/10

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 52.685 $\pm$ 231.572 χ^2 /NDF:6.5/8

Left: 569.489 $\pm$ 162.942 χ^2 /NDF: 44.3/19

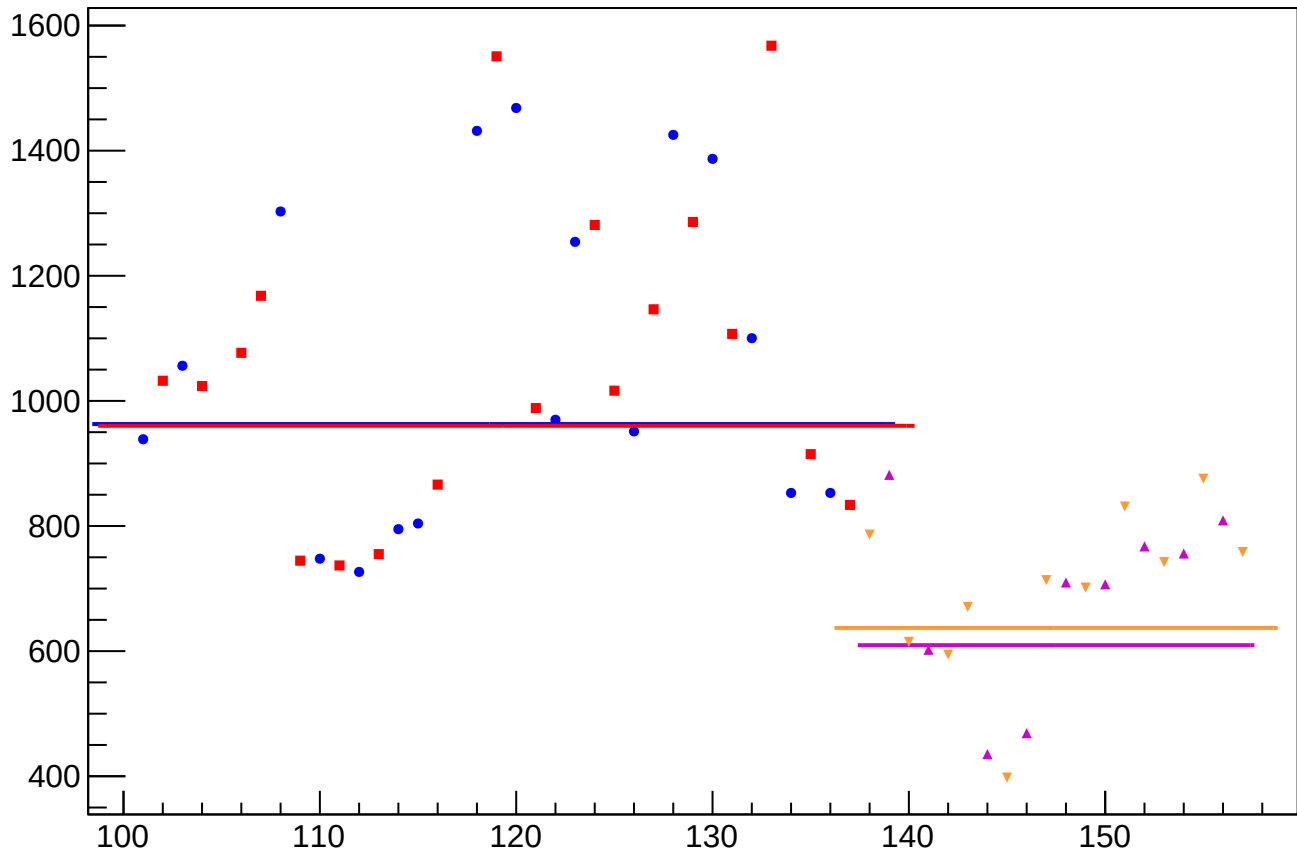
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 138.191 $\pm$ 198.257 χ^2 /NDF:32.3/25

Out: 592.453 $\pm$ 195.265 χ^2 /NDF:52.0/28

All: 368.776 $\pm$ 139.119 χ^2 /NDF: 86.9/54

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 637.139 $\pm$ 0.162 χ^2 /NDF: 912108.3/10

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 609.511 $\pm$ 0.164 χ^2 /NDF: 848310.4/8

Left: 623.460 $\pm$ 0.115 χ^2 /NDF: 1774792.2/19

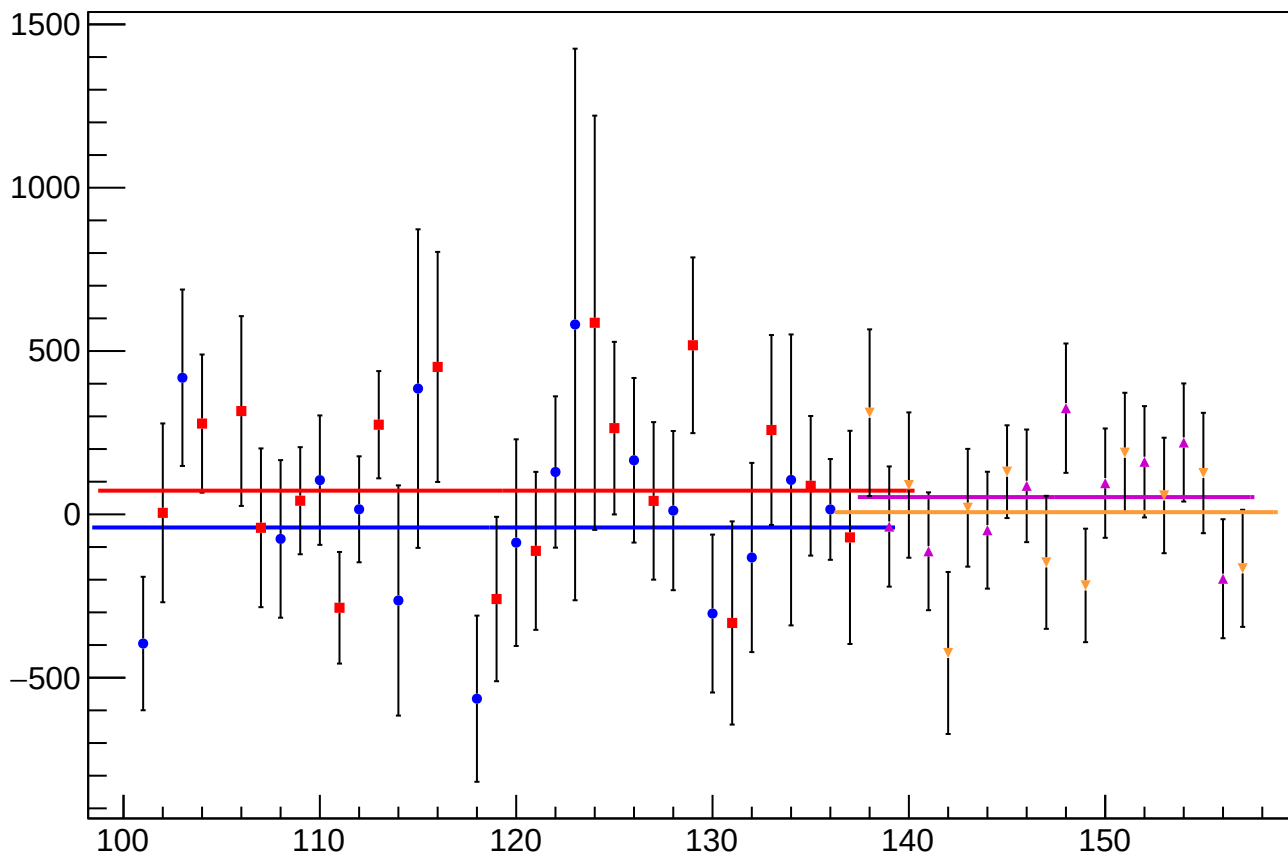
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 703.896 $\pm$ 0.140 χ^2 /NDF: 2760057.7/25

Out: 725.956 $\pm$ 0.138 χ^2 /NDF: 2674505.7/28

All: 715.093 $\pm$ 0.098 χ^2 /NDF: 5447132.9/54

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 6.714 ± 56.643 χ^2/NDF : 10.0/10

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 52.920 ± 59.594 χ^2/NDF : 6.5/8

Left: 28.644 ± 41.056 χ^2/NDF : 16.9/19

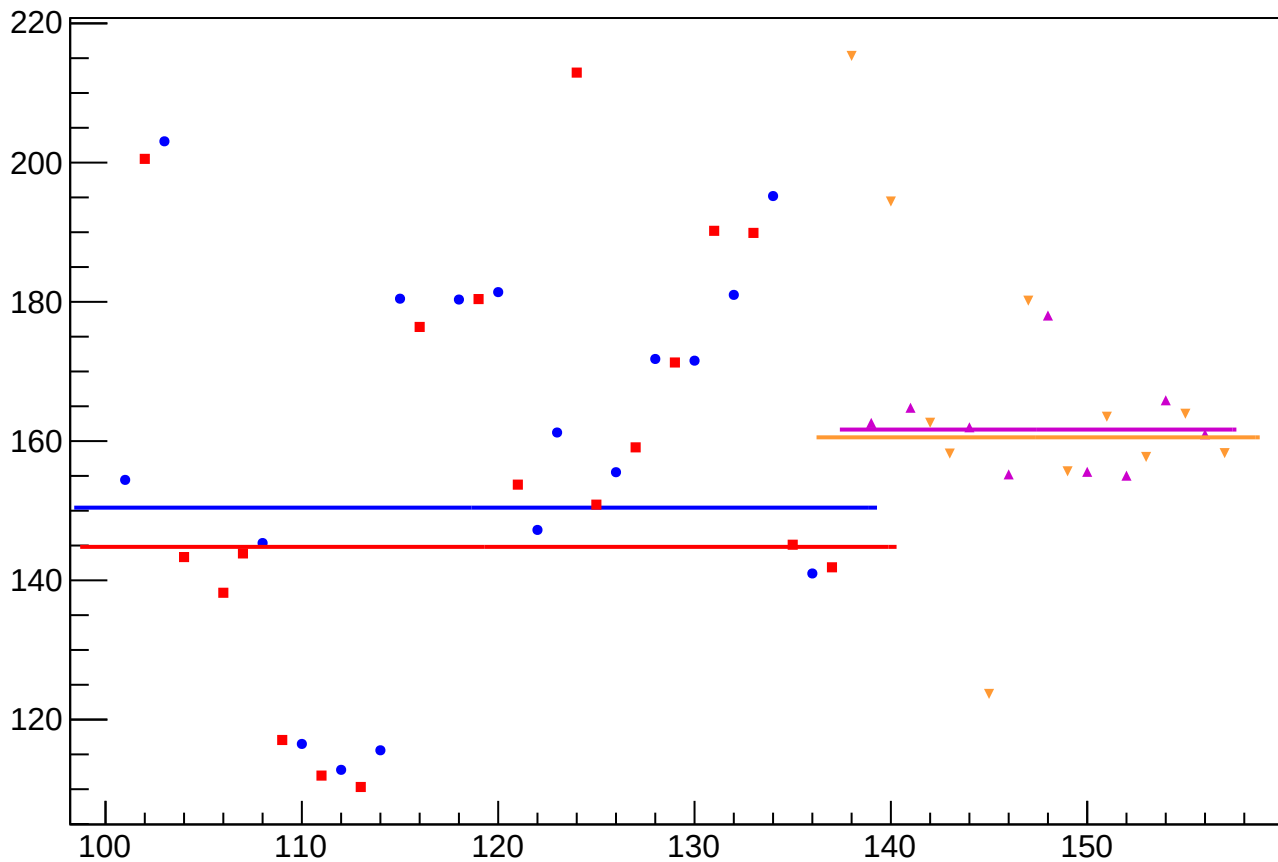
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 6.134 ± 42.020 χ^2/NDF : 23.1/25

Out: 39.852 ± 39.936 χ^2/NDF : 28.3/28

All: 23.850 ± 28.947 χ^2/NDF : 51.7/54

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.540 $\pm$ 0.040 χ^2 /NDF: 295917.3/10

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.656 $\pm$ 0.042 χ^2 /NDF: 23901.0/8

Left: 161.070 $\pm$ 0.029 χ^2 /NDF: 320187.3/19

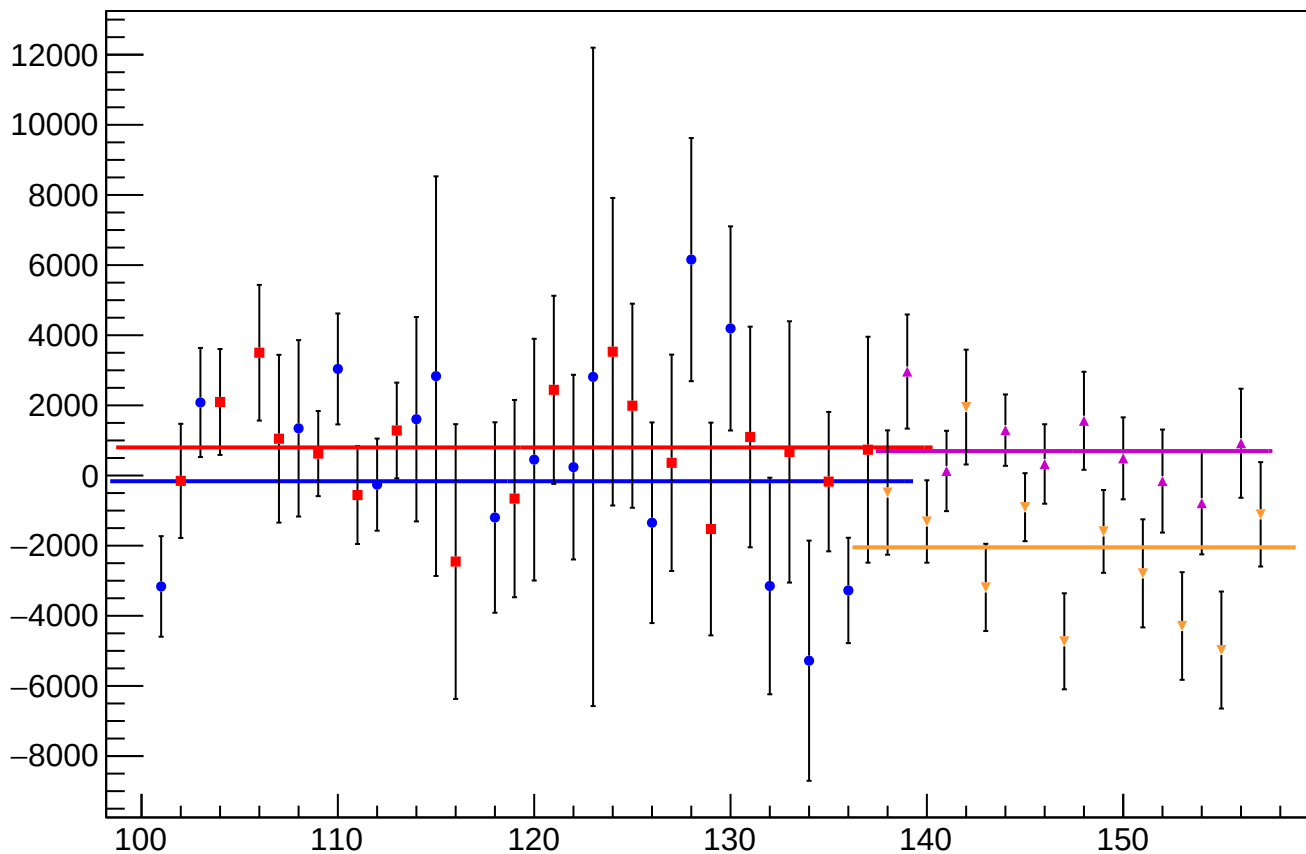
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 156.017 $\pm$ 0.030 χ^2 /NDF: 459637.2/25

Out: 152.628 $\pm$ 0.028 χ^2 /NDF: 877376.3/28

All: 154.236 $\pm$ 0.020 χ^2 /NDF: 1343851.5/54

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: -2046.549 $\pm$ 407.117 χ^2 /NDF:19.2/10

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 697.834 $\pm$ 427.424 χ^2 /NDF:4.4/8

Left: -741.097 $\pm$ 294.793 χ^2 /NDF: 45.3/19

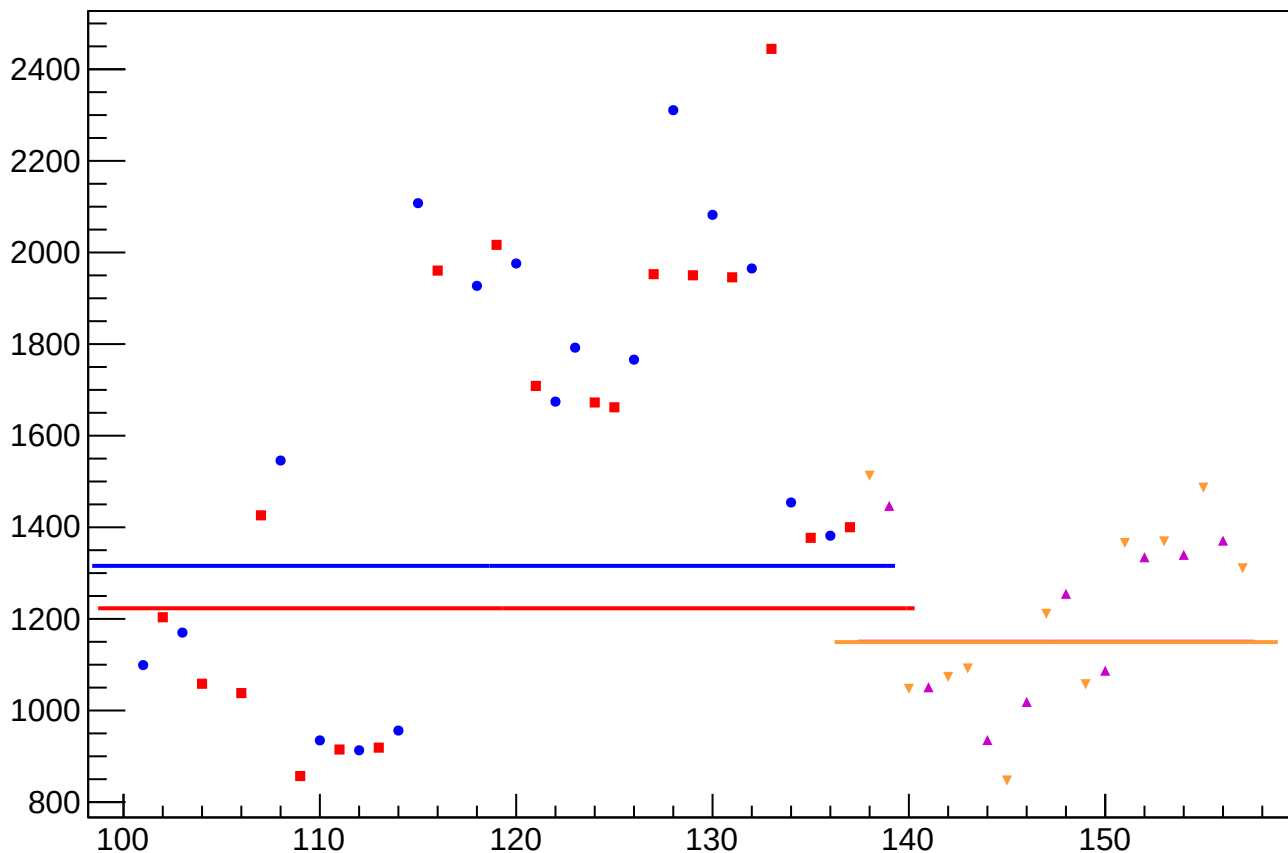
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 361.118 $\pm$ 333.490 χ^2 /NDF:31.1/25

Out: -874.007 $\pm$ 312.248 χ^2 /NDF:46.2/28

All: -297.031 $\pm$ 227.932 χ^2 /NDF: 84.6/54

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377

χ^2 /NDF: 1118346.6/16

Left: 1149.704 $\pm$ 0.208

χ^2 /NDF: 823808.1/19

Left Out: 1149.319 $\pm$ 0.288

χ^2 /NDF: 503814.5/10

Right: 1265.263 $\pm$ 0.254

χ^2 /NDF: 2514318.9/34

Right Out: 1223.179 $\pm$ 0.344

χ^2 /NDF: 1363055.0/17

In: 1214.939 $\pm$ 0.236

χ^2 /NDF: 1555872.7/25

Out: 1179.731 $\pm$ 0.221

χ^2 /NDF: 1893974.3/28

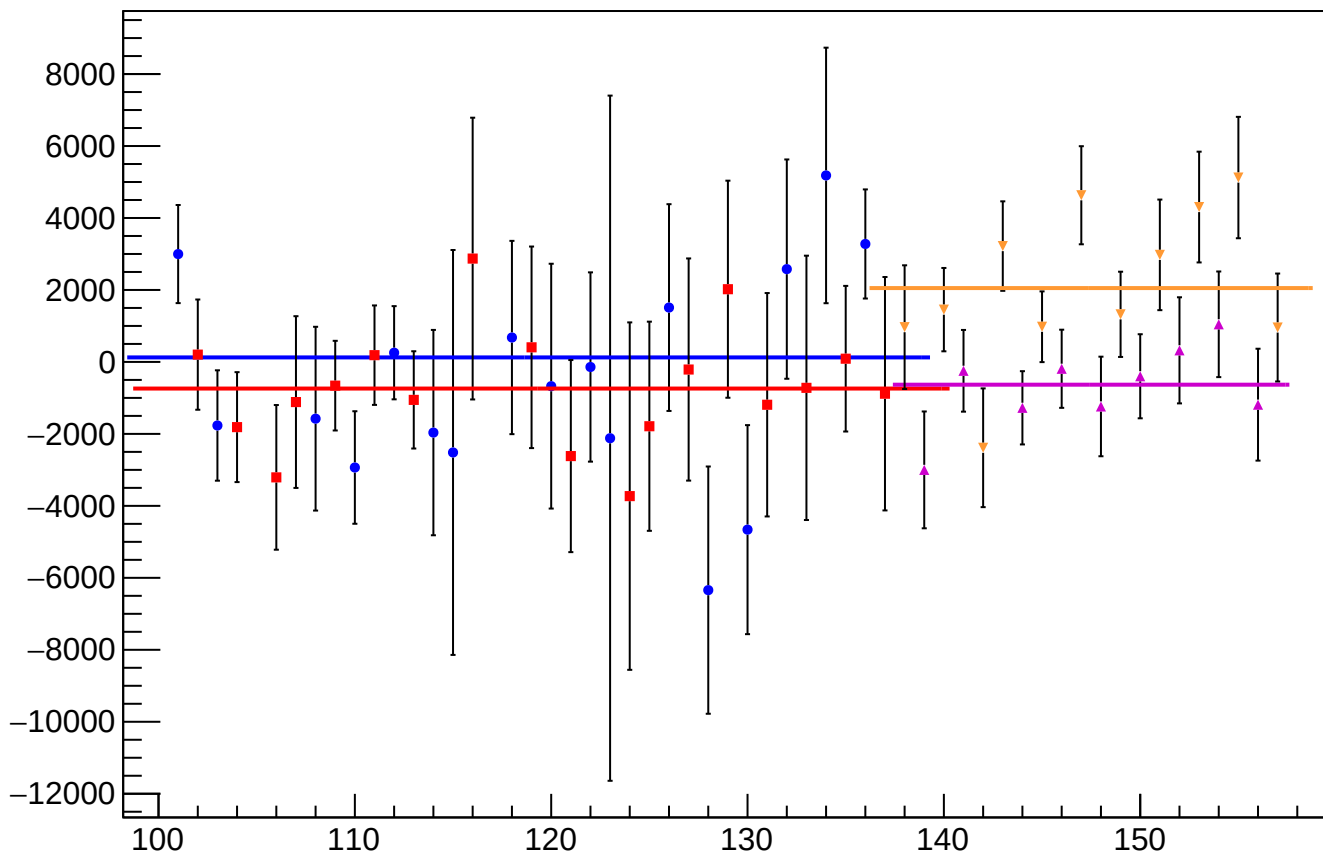
Left In: 1150.128 $\pm$ 0.302

χ^2 /NDF: 319989.9/8

All: 1196.178 $\pm$ 0.161

χ^2 /NDF: 3461725.8/54

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2052.255 $\pm$ 407.337 χ^2 /NDF:20.3/10

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -632.611 $\pm$ 424.040 χ^2 /NDF:4.9/8

Left: 763.742 $\pm$ 293.758 χ^2 /NDF: 46.0/19

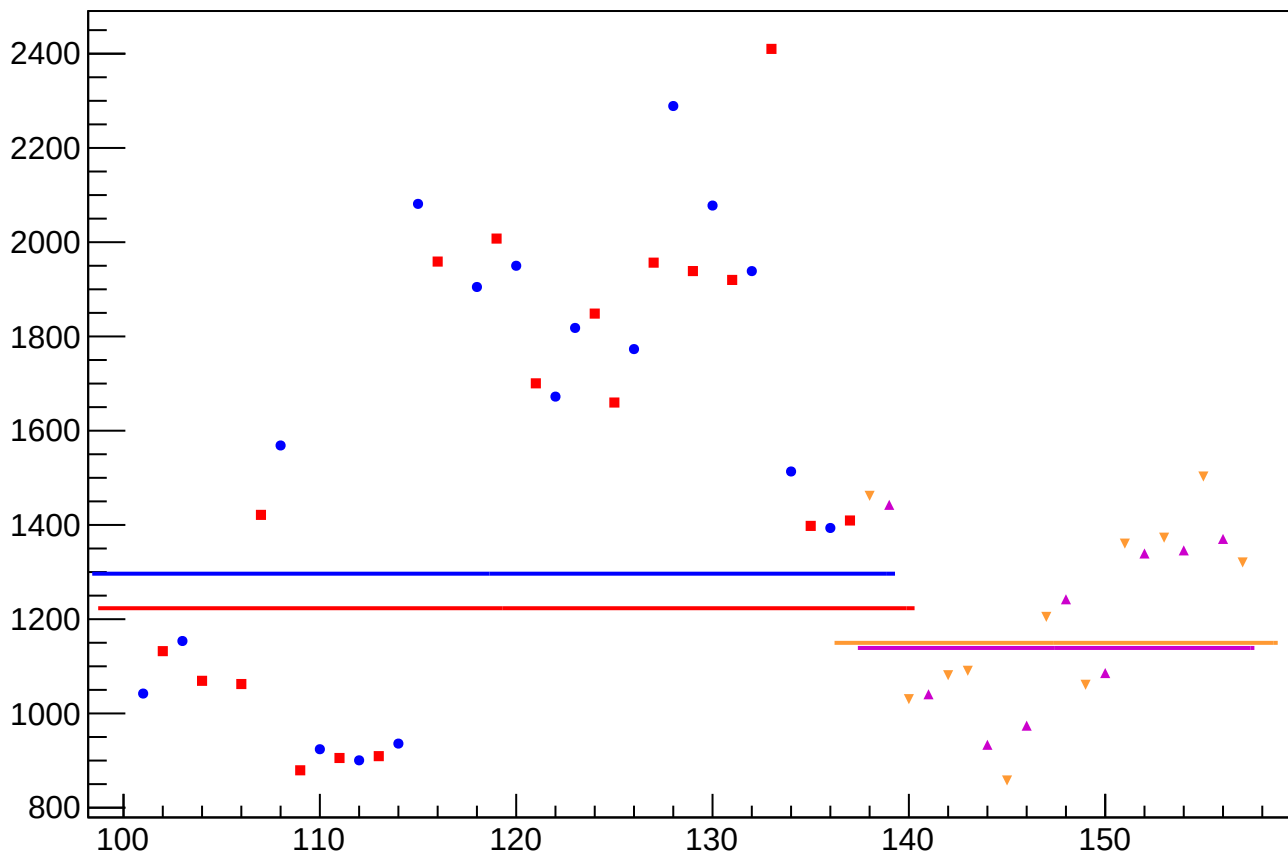
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -334.590 $\pm$ 330.323 χ^2 /NDF:30.8/25

Out: 902.374 $\pm$ 312.399 χ^2 /NDF:45.6/28

All: 318.361 $\pm$ 226.972 χ^2 /NDF: 83.8/54

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 +/- 0.373

χ^2/NDF : 1175465.2/16

Left: 1144.602 +/- 0.208

χ^2/NDF : 829070.2/19

Left Out: 1149.812 +/- 0.288

χ^2/NDF : 479409.9/10

Right: 1257.036 +/- 0.253

χ^2/NDF : 2543039.6/34

Right Out: 1223.274 +/- 0.344

χ^2/NDF : 1346689.2/17

In: 1200.928 +/- 0.234

χ^2/NDF : 1633087.2/25

Out: 1180.065 +/- 0.221

χ^2/NDF : 1852888.5/28

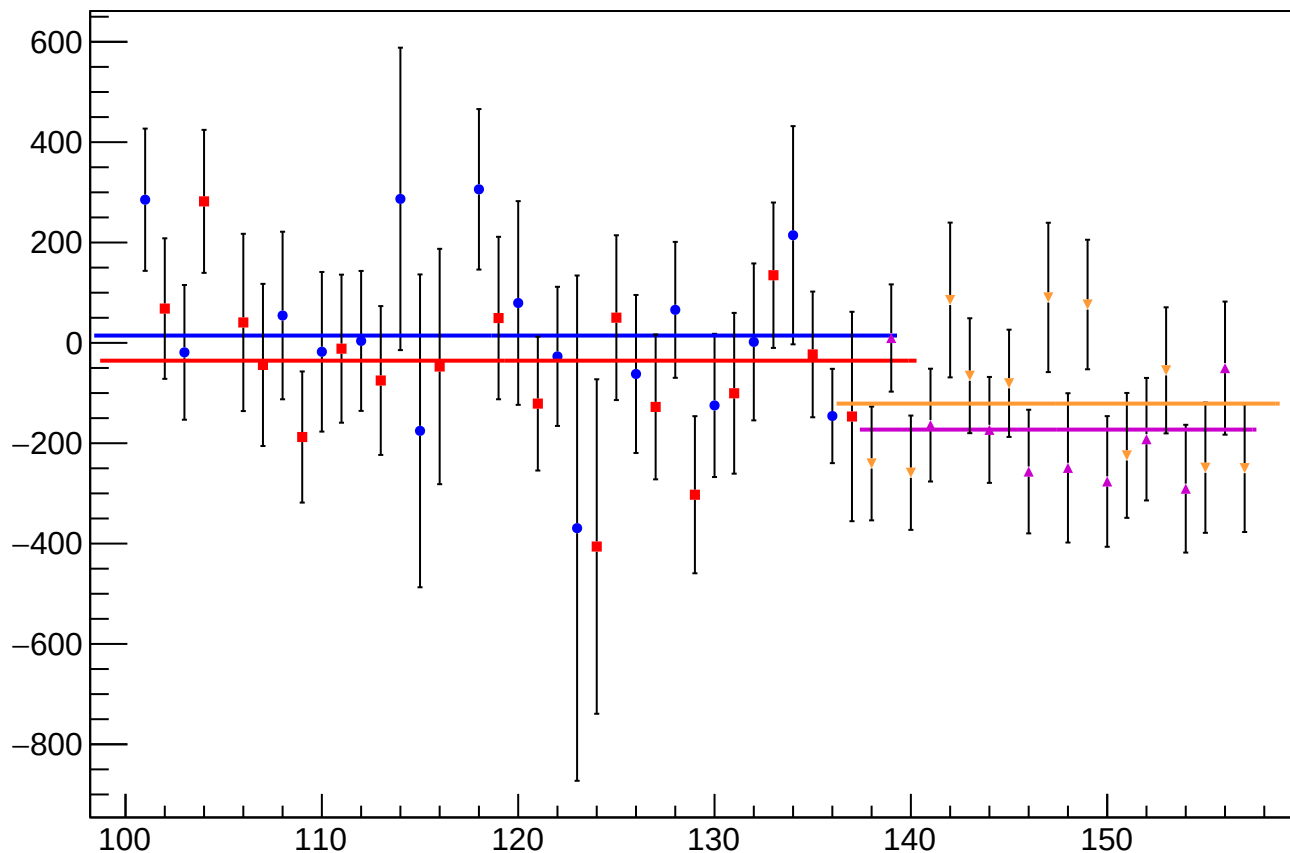
Left In: 1138.957 +/- 0.300

χ^2/NDF : 348978.8/8

All: 1189.915 +/- 0.160

χ^2/NDF : 3490187.1/54

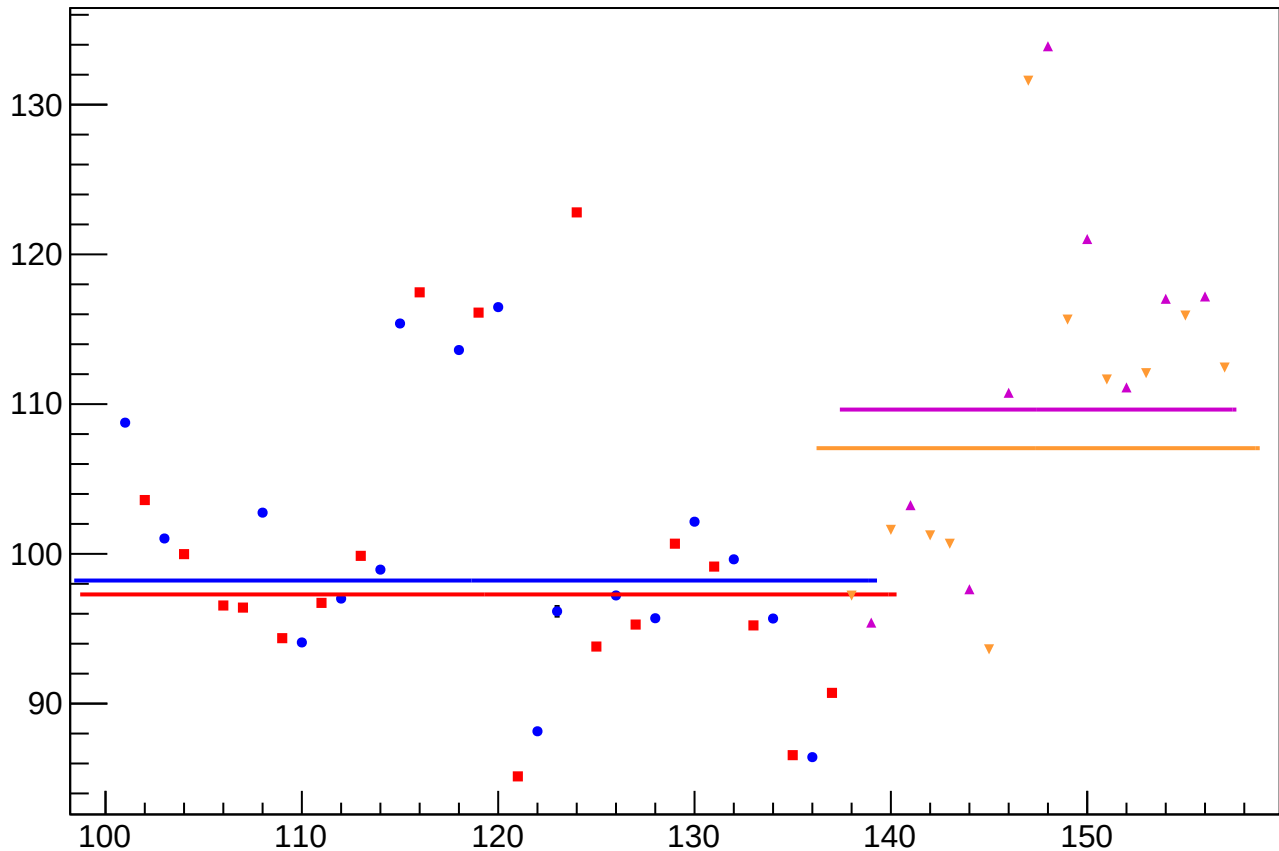
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -121.034 ± 37.402 $\chi^2/\text{NDF}: 12.1/10$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -172.833 ± 40.418 $\chi^2/\text{NDF}: 6.0/8$

Left: -144.929 ± 27.452 $\chi^2/\text{NDF}: 19.0/19$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -73.396 ± 27.692 $\chi^2/\text{NDF}: 31.6/25$
 Out: -77.476 ± 26.206 $\chi^2/\text{NDF}: 29.2/28$
 All: -75.548 ± 19.034 $\chi^2/\text{NDF}: 60.9/54$

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: 107.058 $\pm$ 0.026 χ^2 /NDF:142366.3/10

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 109.636 $\pm$ 0.029 χ^2 /NDF:149943.7/8

Left: 108.247 $\pm$ 0.019 χ^2 /NDF: 296694.2/19

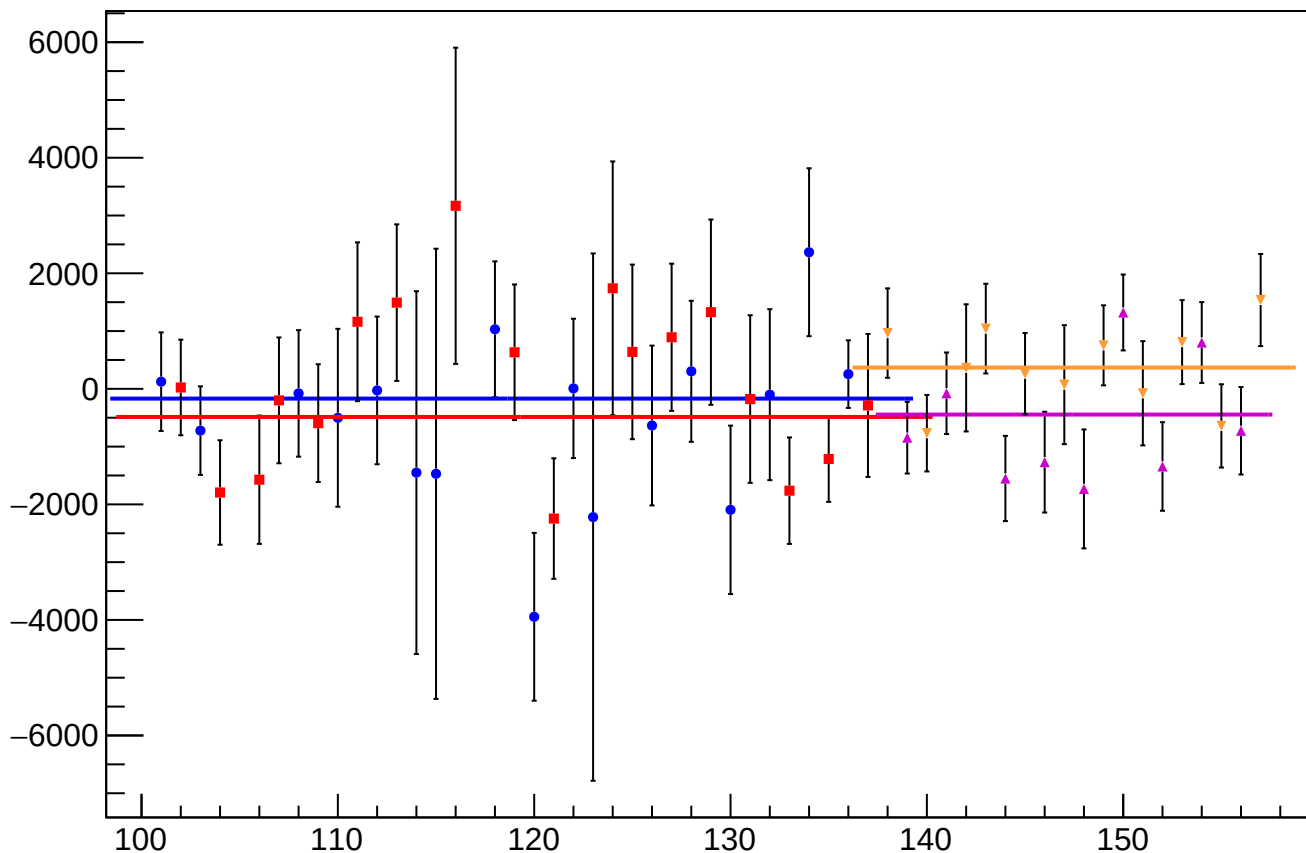
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 103.578 $\pm$ 0.020 χ^2 /NDF:335130.7/25

Out: 102.085 $\pm$ 0.019 χ^2 /NDF:308023.7/28

All: 102.791 $\pm$ 0.013 χ^2 /NDF: 646221.7/54

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: 368.679 ± 235.010 $\chi^2/\text{NDF}: 9.4/10$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -445.363 ± 246.154 $\chi^2/\text{NDF}: 17.3/8$

Left: -19.498 ± 169.980 $\chi^2/\text{NDF}: 32.5/19$

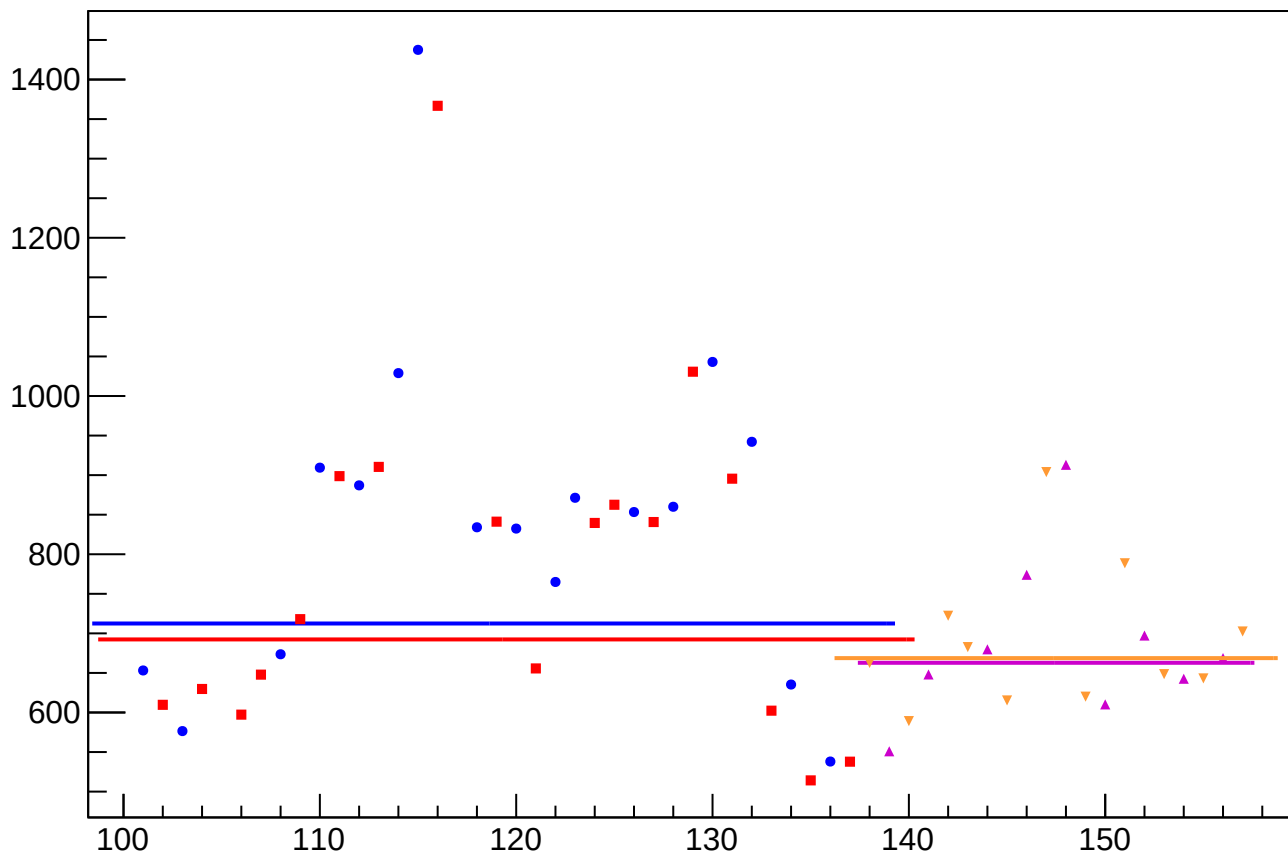
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -325.852 ± 185.495 $\chi^2/\text{NDF}: 32.4/25$

Out: -2.967 ± 176.699 $\chi^2/\text{NDF}: 34.8/28$

All: -156.573 ± 127.942 $\chi^2/\text{NDF}: 68.8/54$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 668.720+/-0.166 χ^2/NDF : 203171.2/10

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 662.819+/-0.174 χ^2/NDF : 236121.2/8

Left: 665.906+/-0.120 χ^2/NDF : 439893.7/19

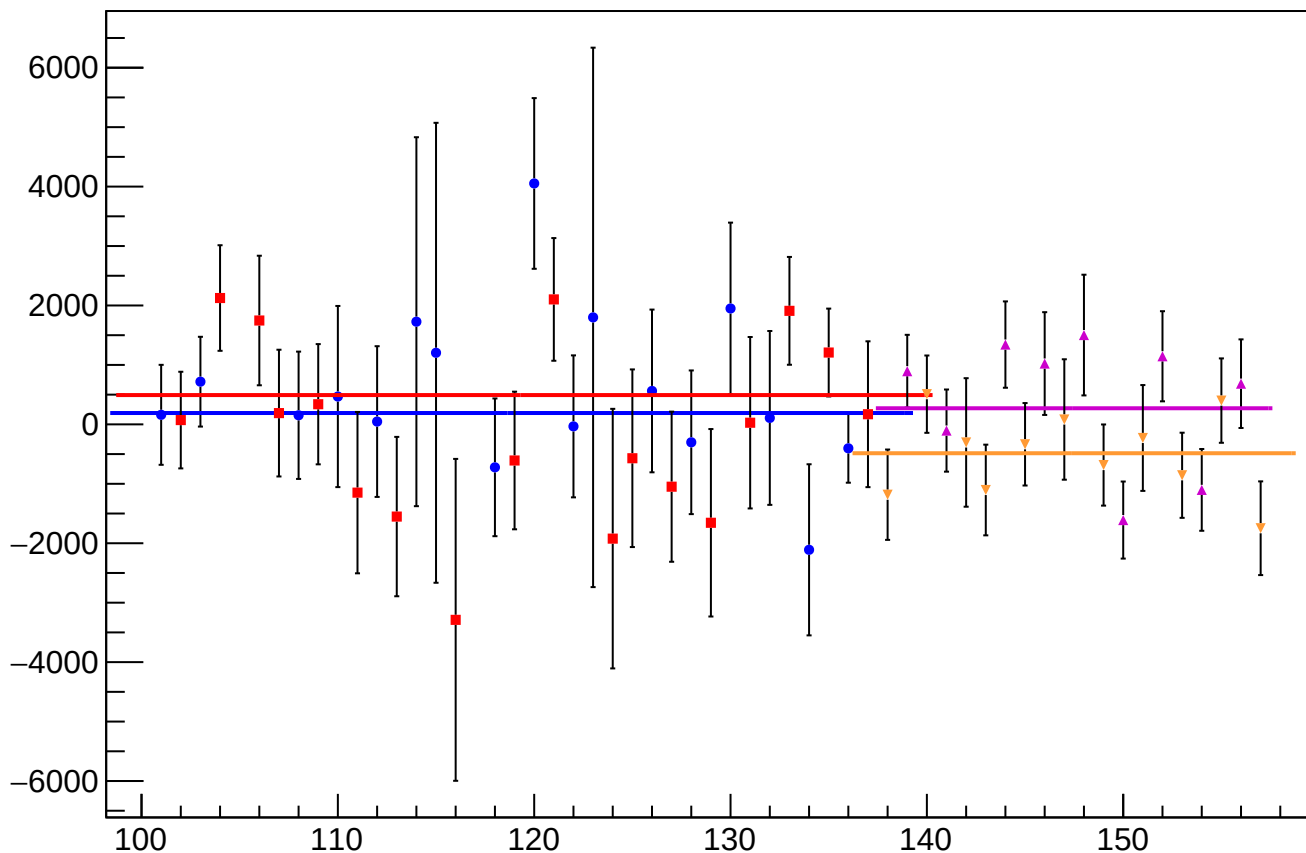
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 684.277+/-0.131 χ^2/NDF : 931813.5/25

Out: 678.988+/-0.125 χ^2/NDF : 868908.0/28

All: 681.504+/-0.090 χ^2/NDF : 1801574.0/54

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -485.680 $\pm$ 231.408 χ^2/NDF : 8.8/10

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: 270.868 $\pm$ 242.513 χ^2/NDF : 19.8/8

Left: -125.124 $\pm$ 167.418 χ^2/NDF : 33.7/19

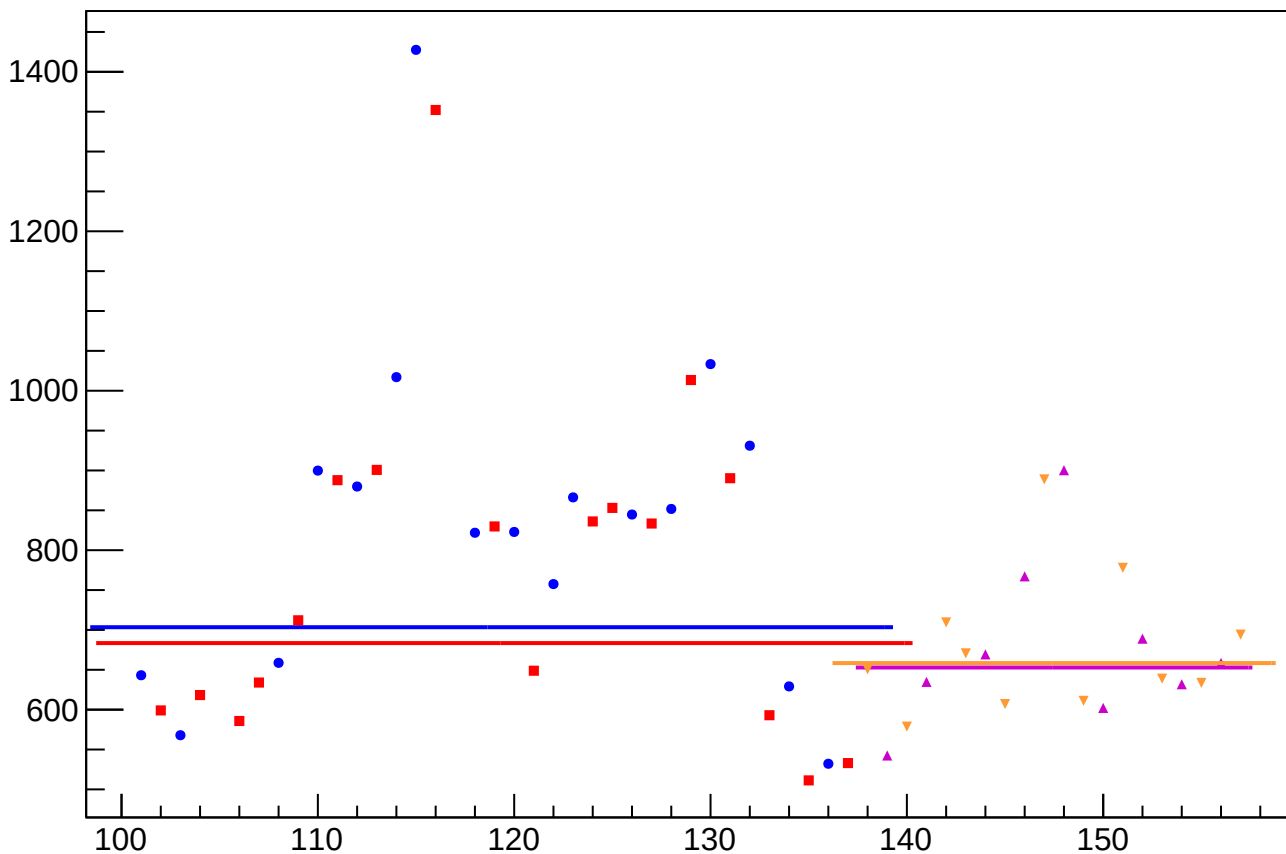
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 236.396 $\pm$ 182.939 χ^2/NDF : 34.0/25

Out: -61.687 $\pm$ 174.199 χ^2/NDF : 39.3/28

All: 80.064 $\pm$ 126.154 χ^2/NDF : 74.7/54

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 658.386 $\pm$ 0.164 χ^2/NDF :203354.9/10

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 652.851 $\pm$ 0.171 χ^2/NDF :240019.0/8

Left: 655.748 $\pm$ 0.118 χ^2/NDF : 443919.3/19

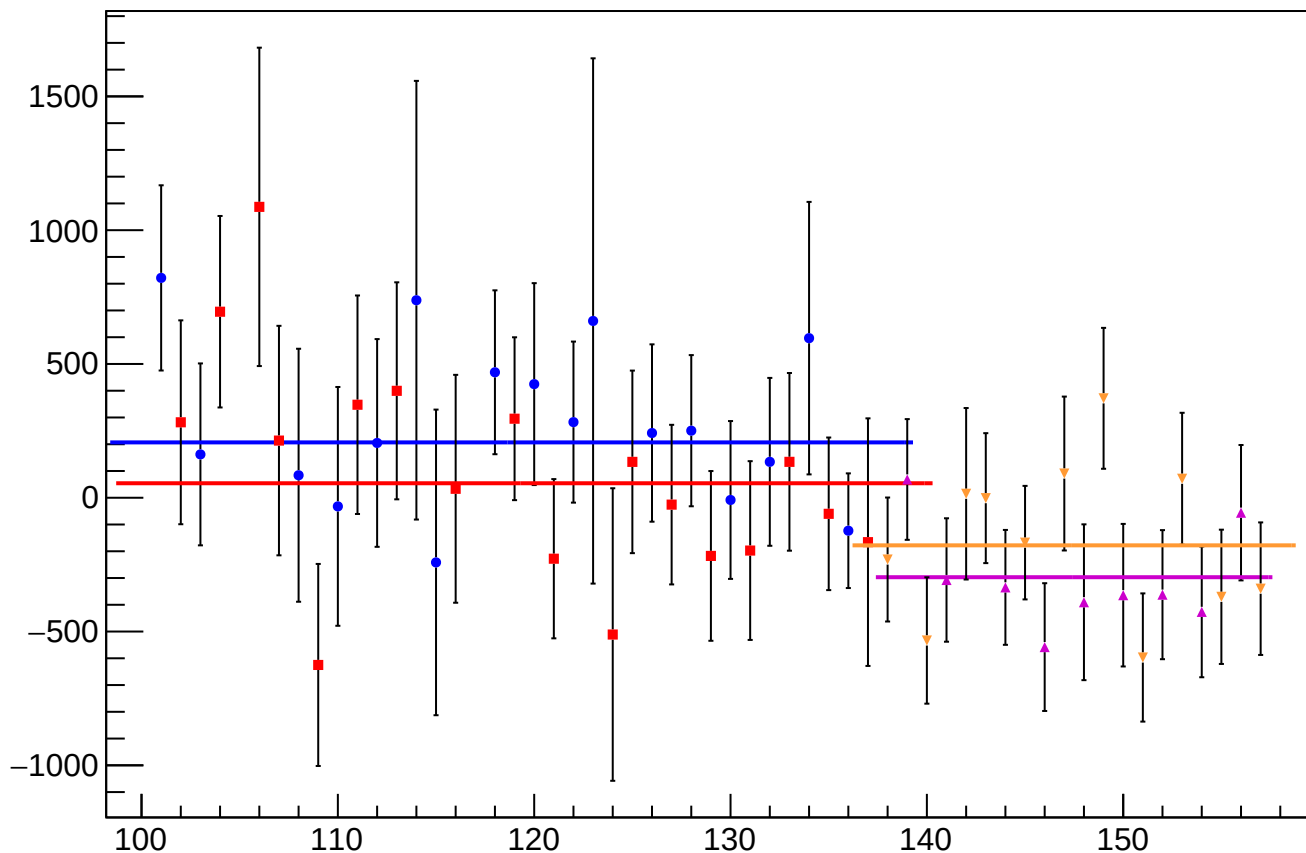
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 674.638 $\pm$ 0.129 χ^2/NDF :944361.5/25

Out: 669.266 $\pm$ 0.123 χ^2/NDF :872912.2/28

All: 671.820 $\pm$ 0.089 χ^2/NDF : 1818178.3/54

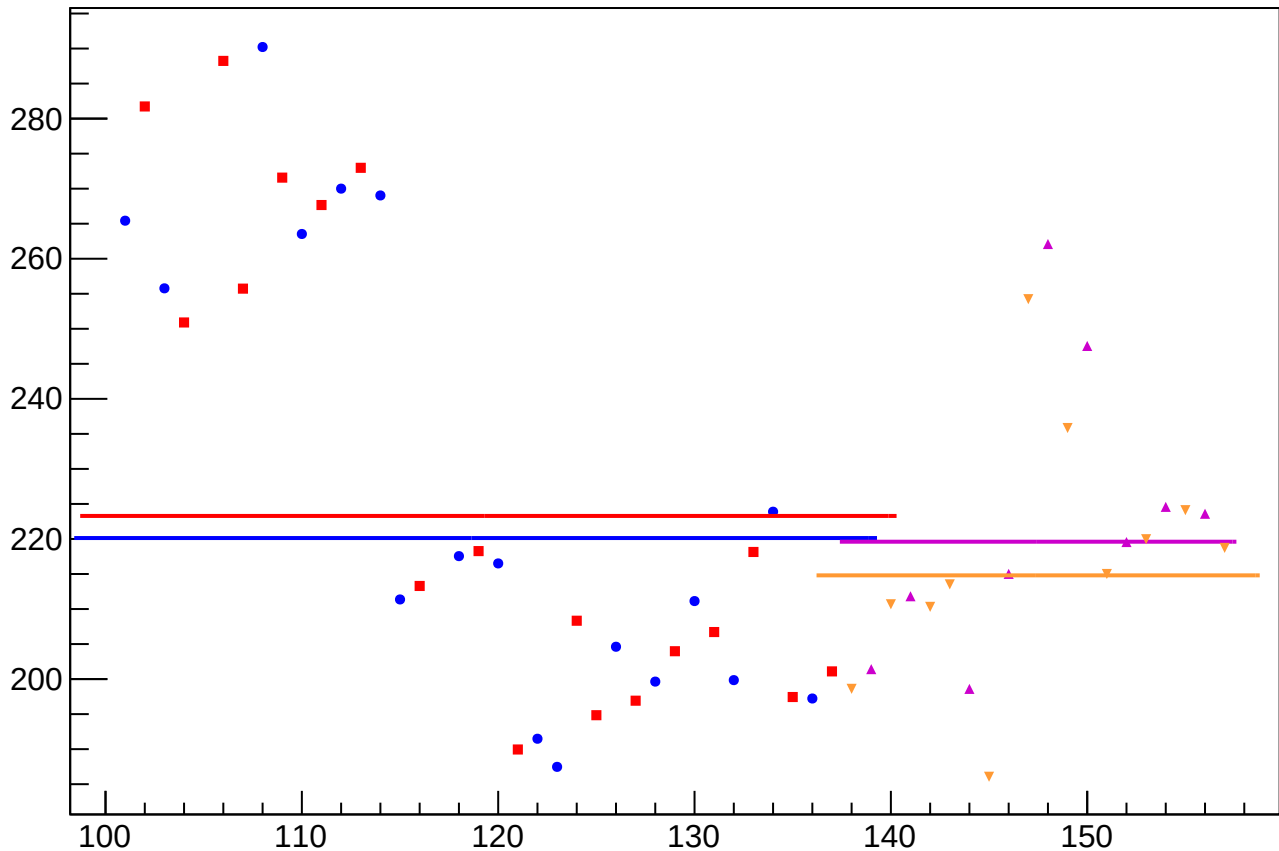
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16
 Left Out: -177.872 $\pm$ 74.942 χ^2 /NDF:13.5/10
 Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17
 Left In: -296.969 $\pm$ 80.808 χ^2 /NDF:5.3/8

Left: -232.941 $\pm$ 54.949 χ^2 /NDF: 20.0/19
 Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34
 In: -59.637 $\pm$ 58.771 χ^2 /NDF:33.1/25
 Out: -76.637 $\pm$ 56.269 χ^2 /NDF:33.4/28
 All: -68.506 $\pm$ 40.644 χ^2 /NDF: 66.5/54

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16

Left Out: 214.807 $\pm$ 0.053 χ^2/NDF : 102016.7/10

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 219.609 $\pm$ 0.057 χ^2/NDF : 101091.7/8

Left: 217.027 $\pm$ 0.039 χ^2/NDF : 206905.8/19

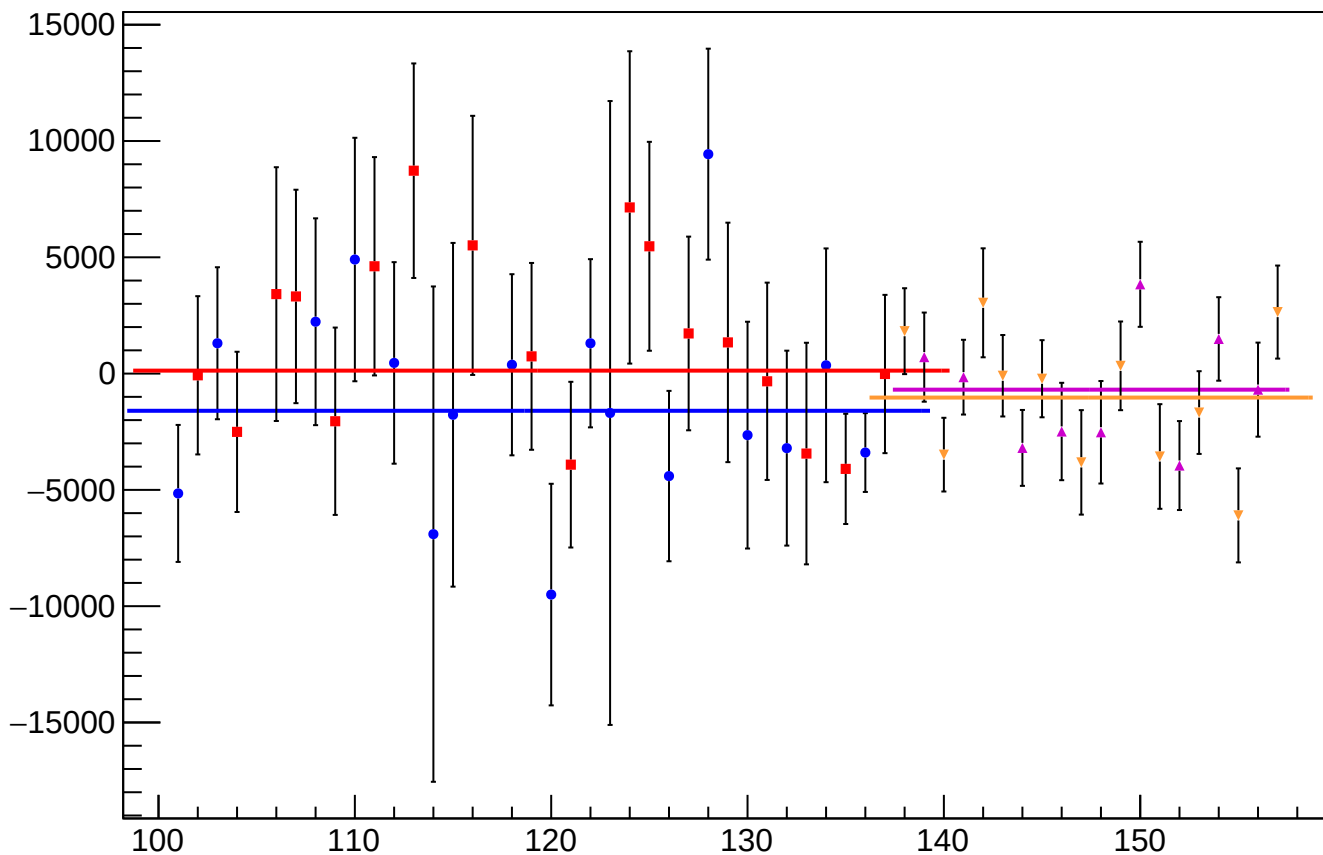
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 219.856 $\pm$ 0.042 χ^2/NDF : 329575.3/25

Out: 218.506 $\pm$ 0.040 χ^2/NDF : 385445.8/28

All: 219.152 $\pm$ 0.029 χ^2/NDF : 715571.1/54

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1030.805 $\pm$ 573.033 χ^2 /NDF:21.4/10

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -690.733 $\pm$ 620.574 χ^2 /NDF:15.0/8

Left: -874.292 $\pm$ 421.000 χ^2 /NDF: 36.6/19

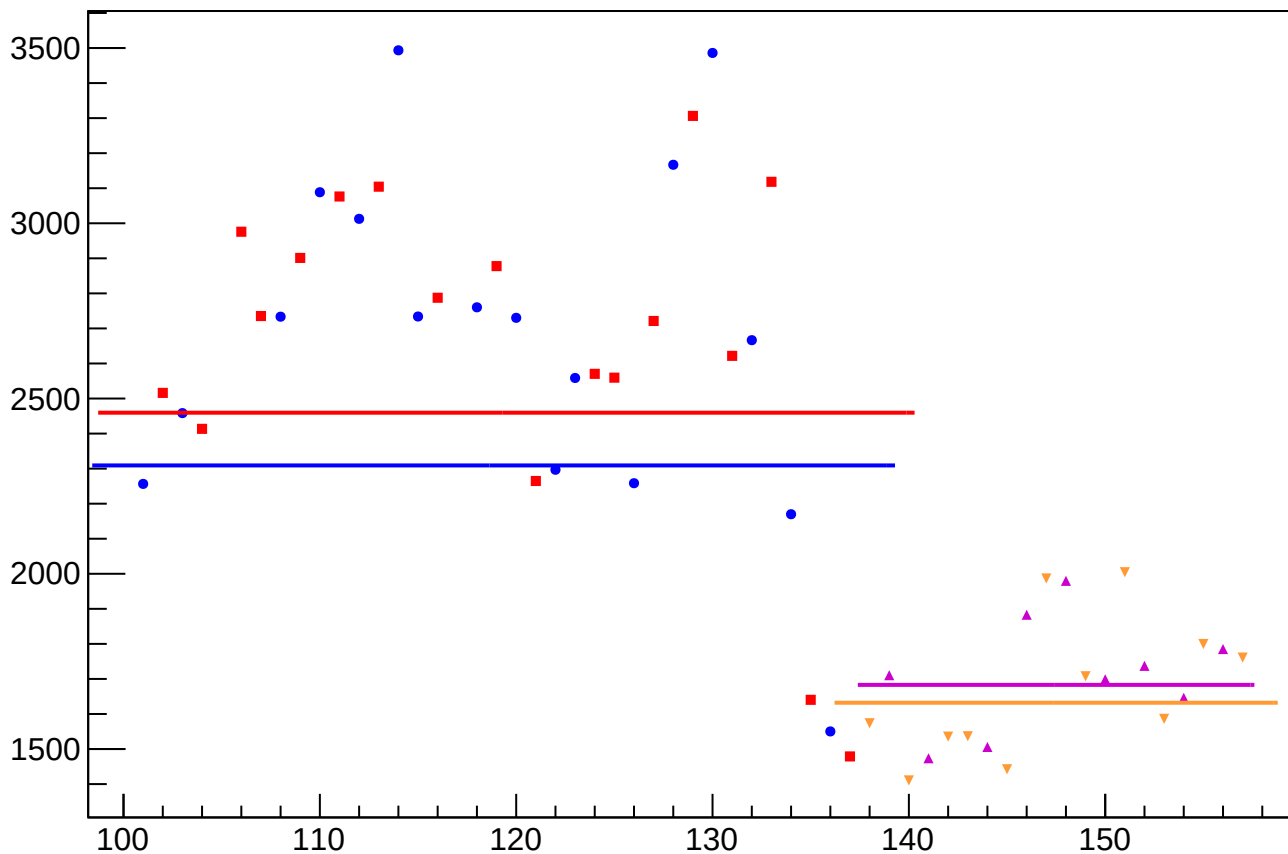
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -974.333 $\pm$ 514.654 χ^2 /NDF:32.3/25

Out: -721.294 $\pm$ 490.554 χ^2 /NDF:37.4/28

All: -841.750 $\pm$ 355.089 χ^2 /NDF: 69.7/54

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1632.132 $\pm$ 0.405 χ^2 /NDF: 207837.4/10

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1683.031 $\pm$ 0.439 χ^2 /NDF: 120217.1/8

Left: 1655.558 $\pm$ 0.298 χ^2 /NDF: 335316.6/19

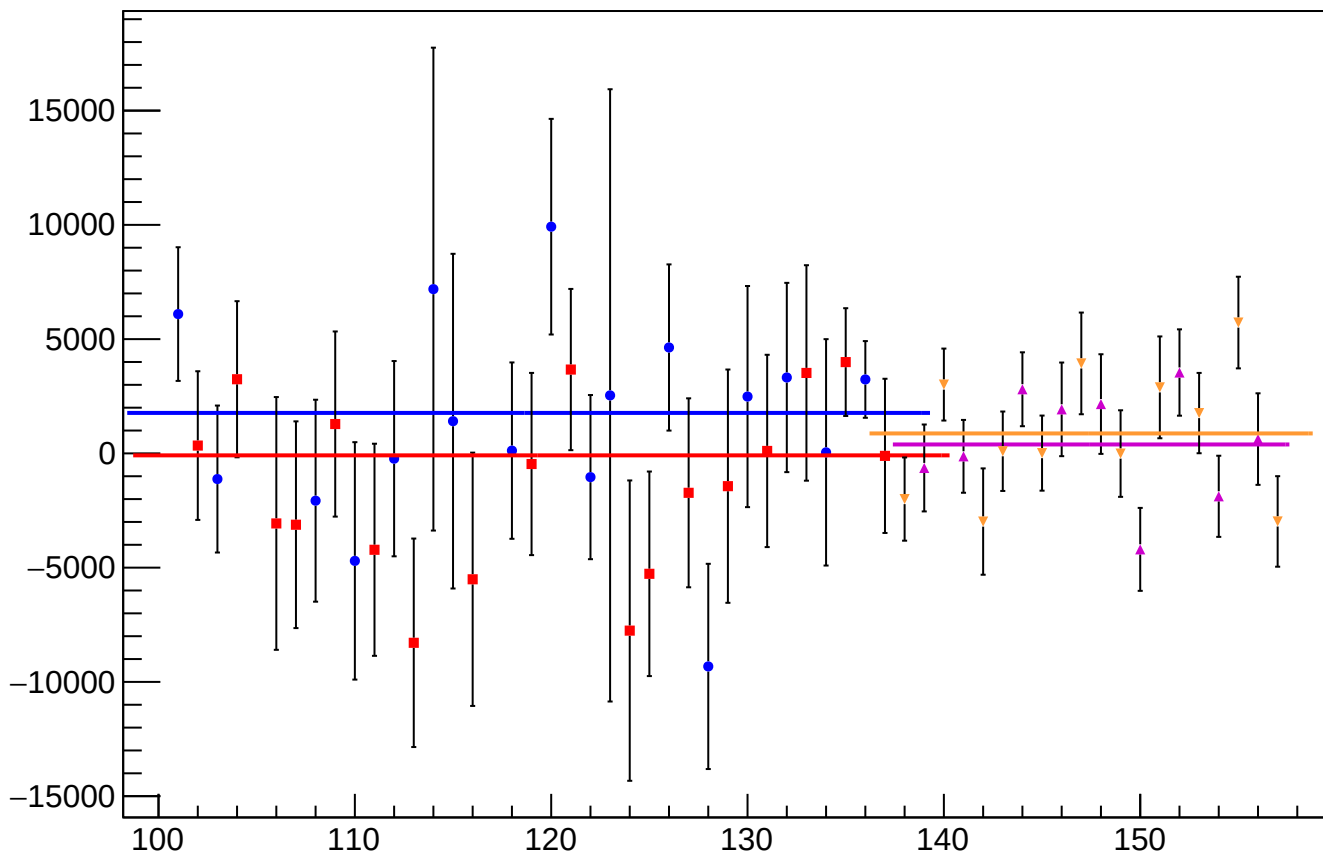
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1878.517 $\pm$ 0.364 χ^2 /NDF: 1556574.0/25

Out: 1853.192 $\pm$ 0.347 χ^2 /NDF: 1990136.5/28

All: 1865.248 $\pm$ 0.251 χ^2 /NDF: 3549248.2/54

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 873.231+/-567.917 χ^2/NDF : 20.4/10

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 390.671+/-614.125 χ^2/NDF : 14.7/8

Left: 650.786+/-416.958 χ^2/NDF : 35.4/19

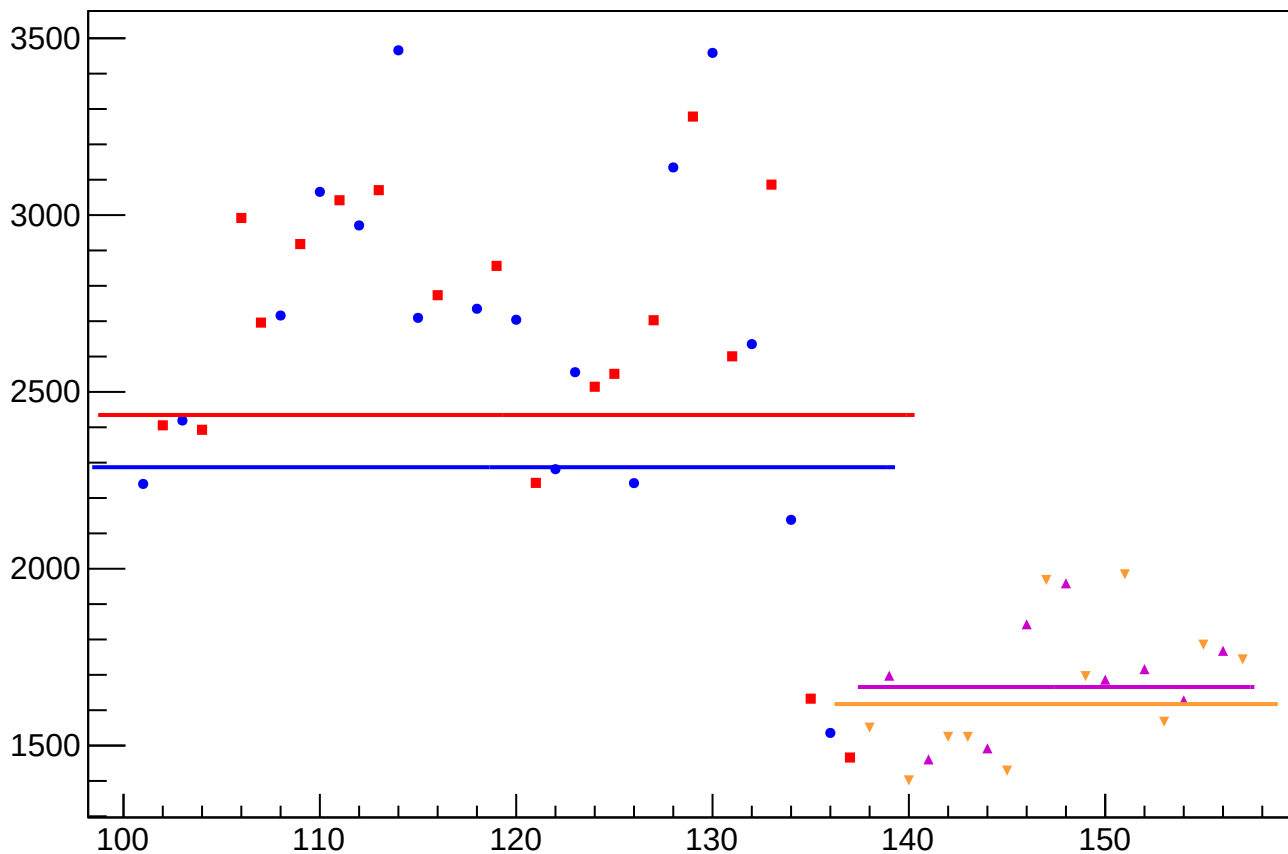
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 821.178+/-509.455 χ^2/NDF : 33.6/25

Out: 616.644+/-486.068 χ^2/NDF : 35.6/28

All: 714.109+/-351.679 χ^2/NDF : 69.3/54

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1617.313 $\pm$ 0.402 χ^2/NDF : 206615.7/10

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1665.618 $\pm$ 0.434 χ^2/NDF : 115526.7/8

Left: 1639.580 $\pm$ 0.295 χ^2/NDF : 328812.2/19

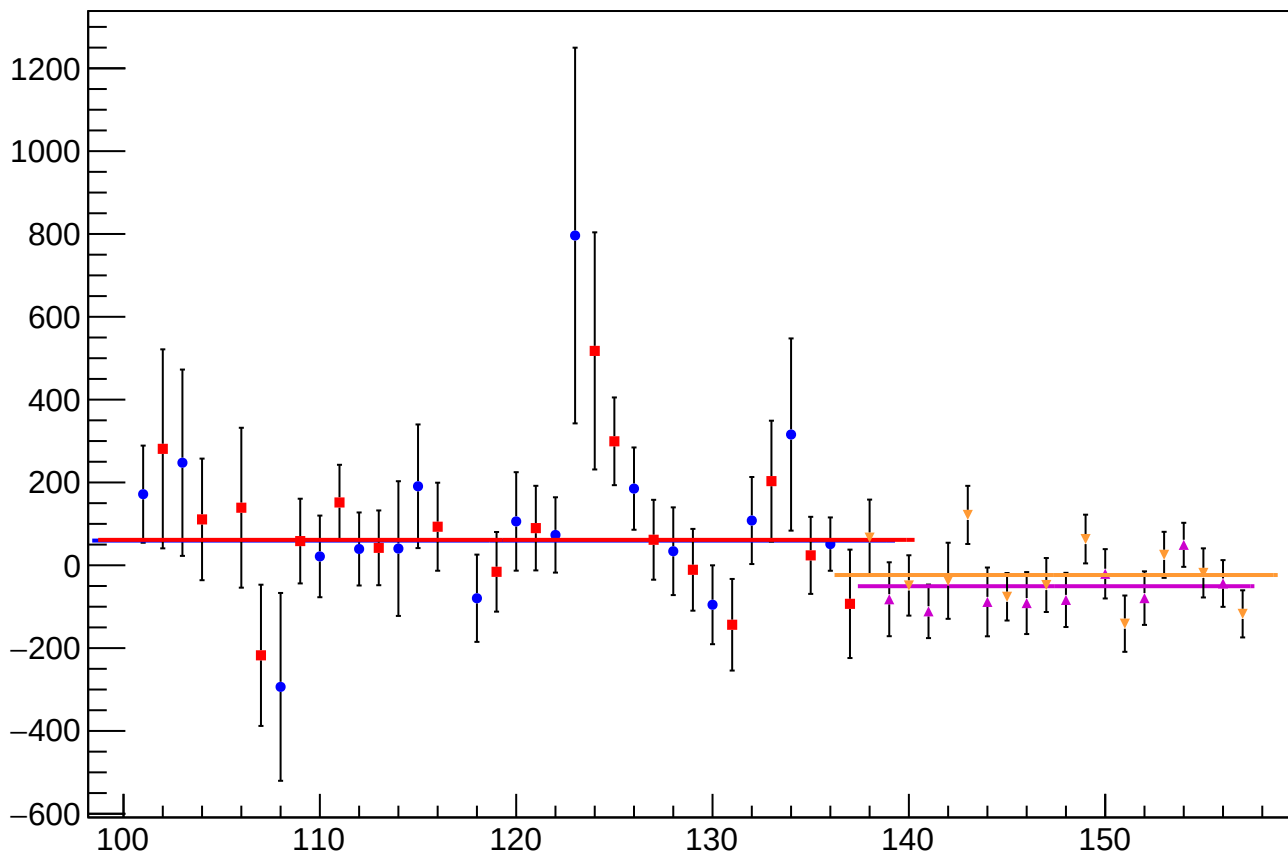
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1859.412 $\pm$ 0.360 χ^2/NDF : 1553610.8/25

Out: 1835.963 $\pm$ 0.344 χ^2/NDF : 1981918.2/28

All: 1847.137 $\pm$ 0.249 χ^2/NDF : 3537747.0/54

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -23.494 $\pm$ 19.647 χ^2 /NDF:15.0/10

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -50.521 $\pm$ 21.764 χ^2 /NDF:5.8/8

Left: -35.630 $\pm$ 14.584 χ^2 /NDF: 21.6/19

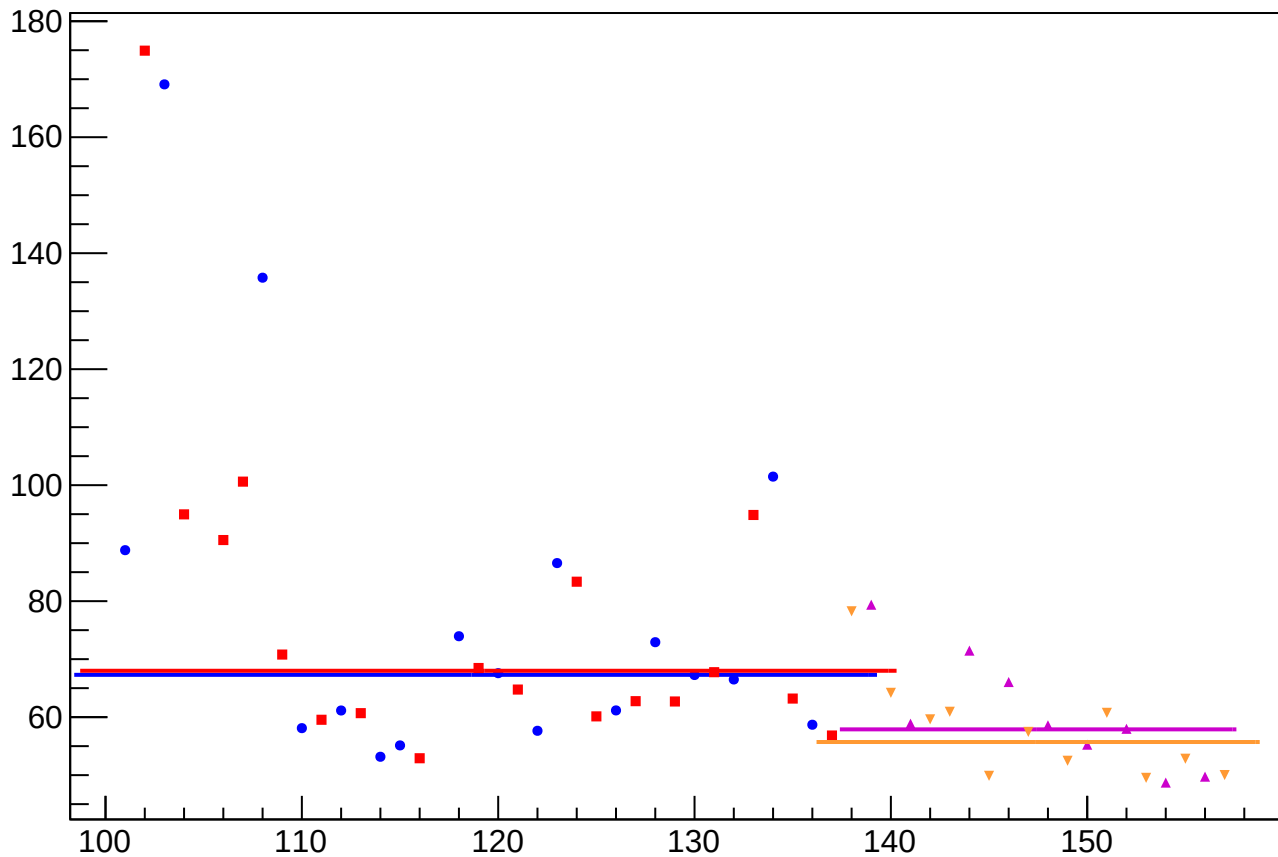
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -7.282 $\pm$ 16.964 χ^2 /NDF:31.2/25

Out: 5.881 $\pm$ 15.889 χ^2 /NDF:41.2/28

All: -0.270 $\pm$ 11.597 χ^2 /NDF: 72.6/54

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 55.714 $\pm$ 0.014 χ^2 /NDF: 250840.1/10

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 57.892 $\pm$ 0.015 χ^2 /NDF: 299293.7/8

Left: 56.692 $\pm$ 0.010 χ^2 /NDF: 561173.0/19

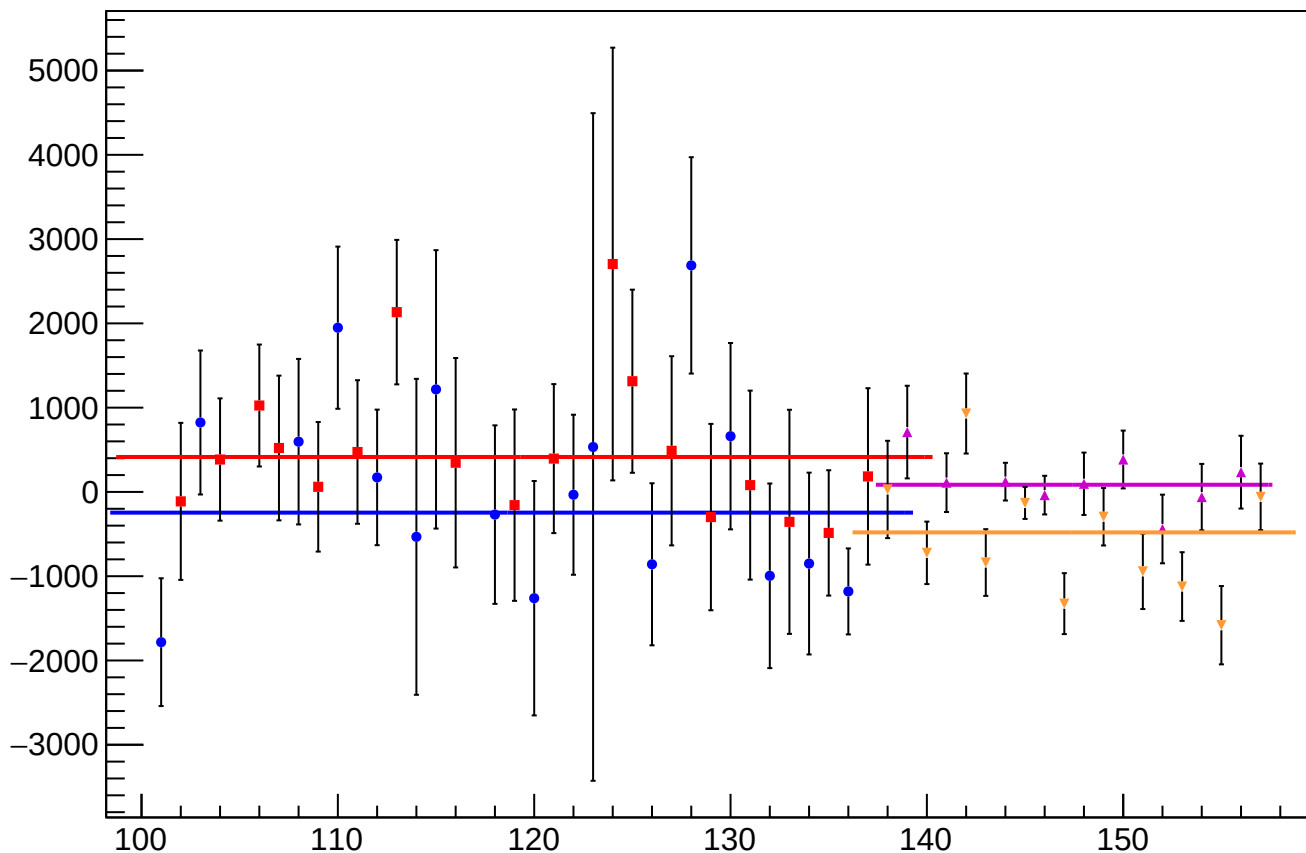
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 61.583 $\pm$ 0.012 χ^2 /NDF: 1287201.8/25

Out: 59.965 $\pm$ 0.011 χ^2 /NDF: 1275699.0/28

All: 60.721 $\pm$ 0.008 χ^2 /NDF: 2572599.0/54

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -480.121+/-107.099 χ^2/NDF :30.3/10

Right Out: 414.725+/-222.788 χ^2/NDF : 9.4/17

Left In: 85.088+/-109.021 χ^2/NDF :4.3/8

Left: -202.542+/-76.401 χ^2/NDF : 48.3/19

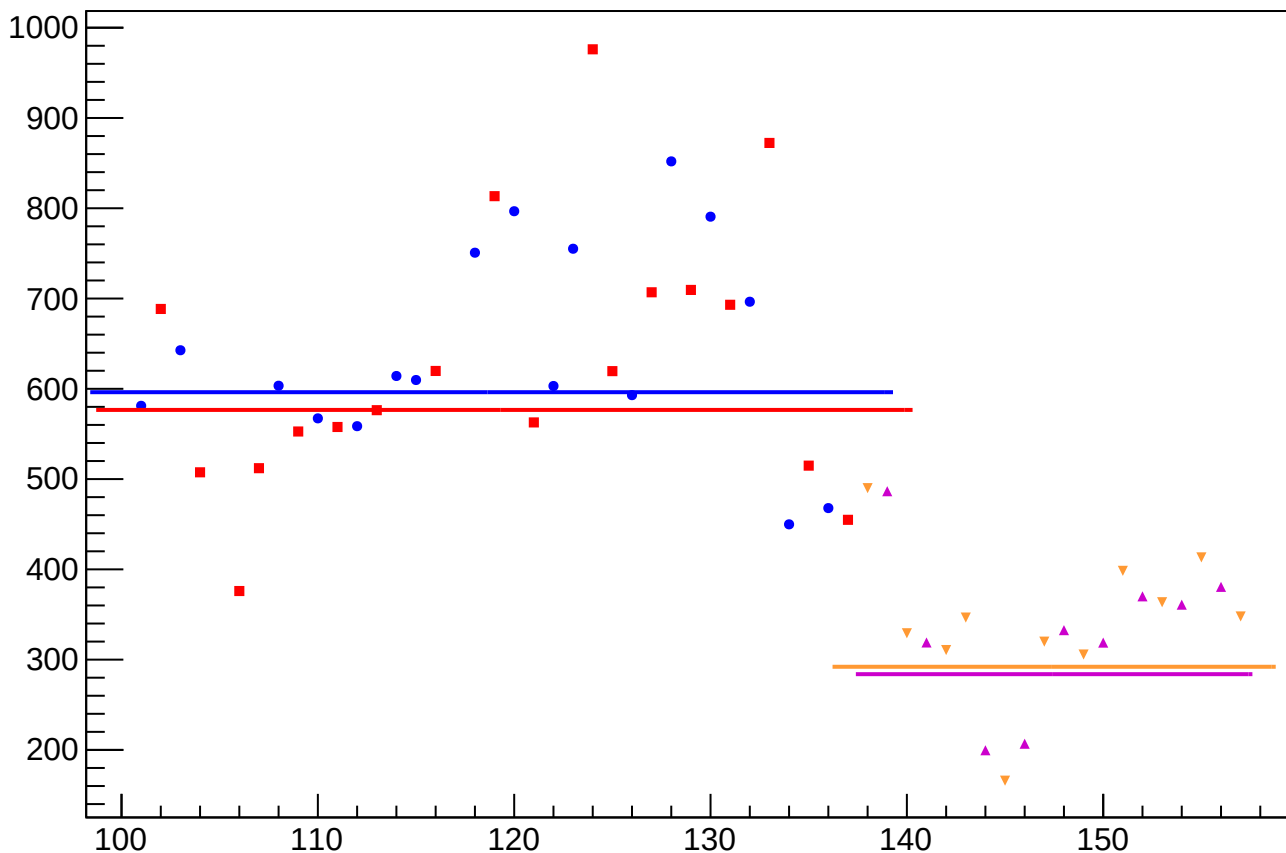
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: 26.682+/-98.927 χ^2/NDF :29.7/25

Out: -312.146+/-96.525 χ^2/NDF :52.8/28

All: -146.895+/-69.087 χ^2/NDF : 88.5/54

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 292.101 $\pm$ 0.076 χ^2 /NDF:1545711.9/10

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 283.900 $\pm$ 0.077 χ^2 /NDF:1123248.3/8

Left: 288.073 $\pm$ 0.054 χ^2 /NDF: 2674720.4/19

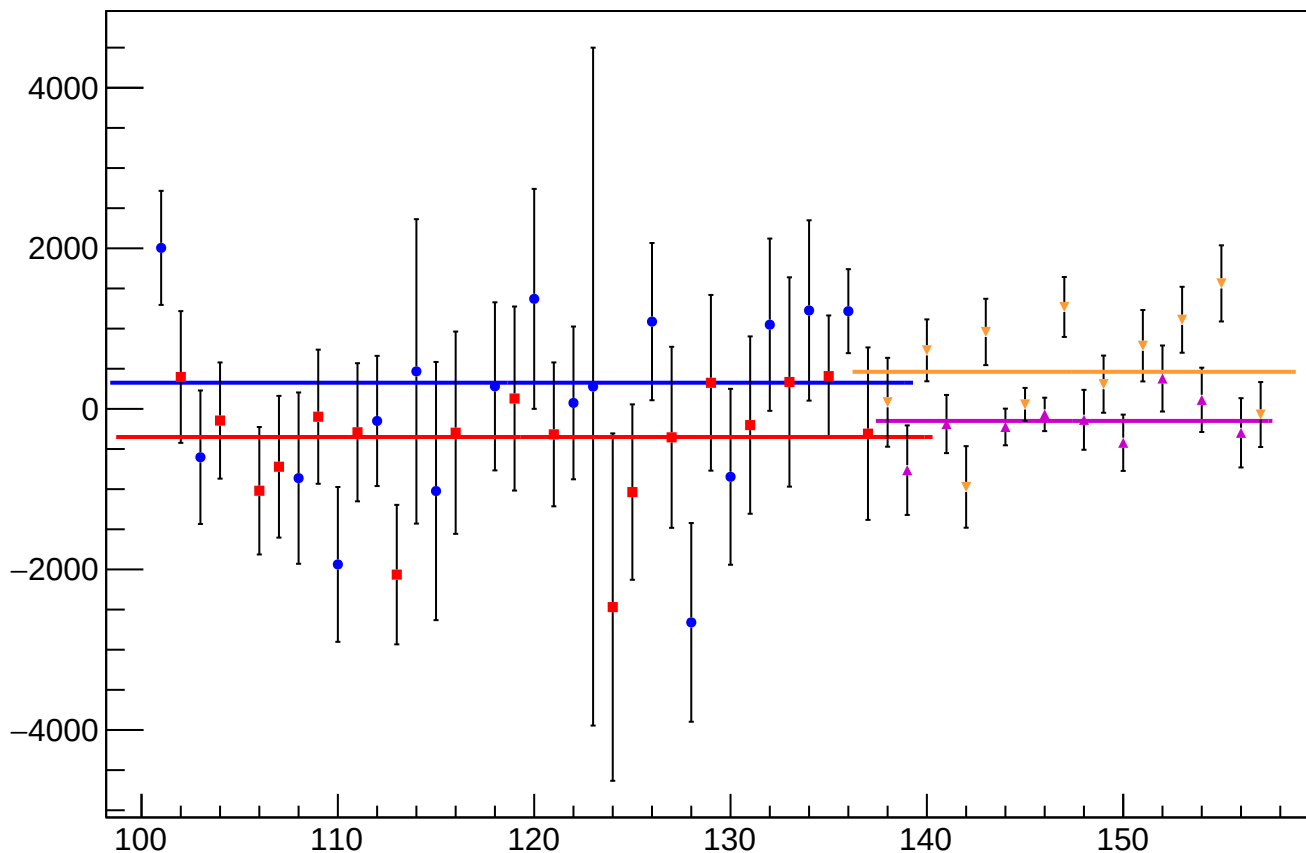
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 339.061 $\pm$ 0.070 χ^2 /NDF:4444637.3/25

Out: 345.508 $\pm$ 0.068 χ^2 /NDF:4768844.2/28

All: 342.364 $\pm$ 0.049 χ^2 /NDF: 9217833.1/54

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 461.936+/-111.839 χ^2/NDF : 29.3/10

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -149.806+/-107.911 χ^2/NDF : 4.3/8

Left: 145.132+/-77.656 χ^2/NDF : 49.1/19

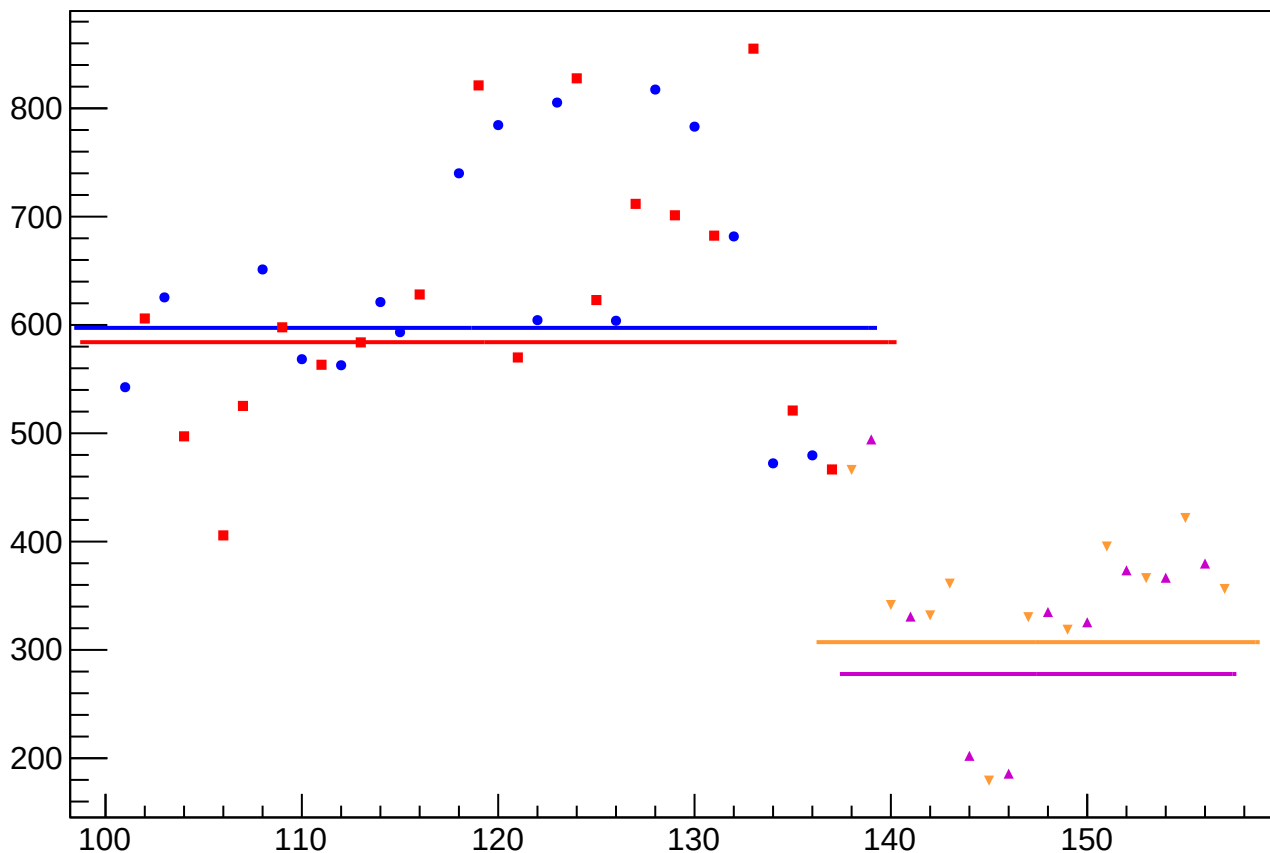
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -67.284+/-98.109 χ^2/NDF : 34.5/25

Out: 301.287+/-100.172 χ^2/NDF : 48.7/28

All: 113.168+/-70.092 χ^2/NDF : 90.1/54

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 ± 0.167 χ^2/NDF : 363658.5/16

Left Out: 307.162 ± 0.079 χ^2/NDF : 1268553.6/10

Right Out: 584.112 ± 0.159 χ^2/NDF : 446882.7/17

Left In: 277.748 ± 0.076 χ^2/NDF : 1355877.9/8

Left: 291.930 ± 0.055 χ^2/NDF : 2696074.9/19

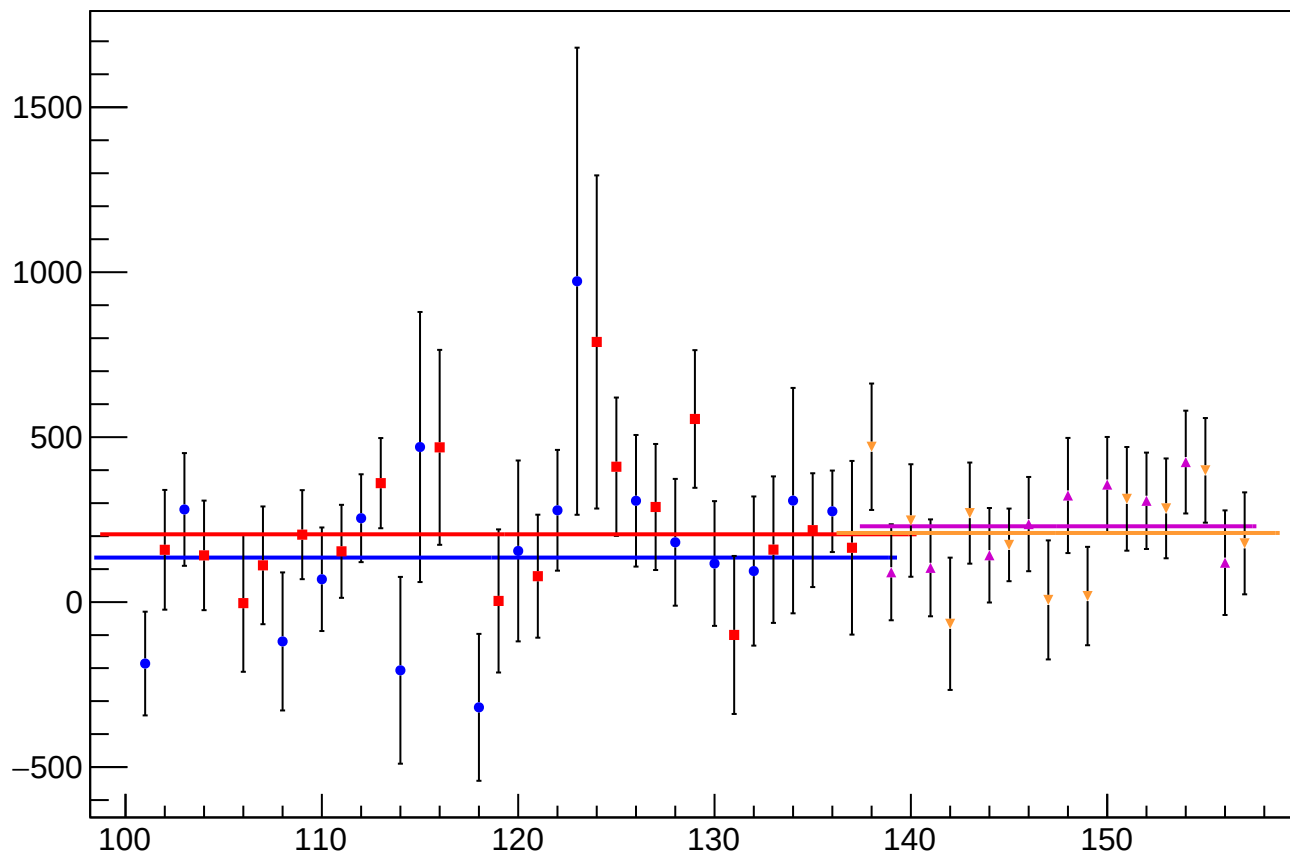
Right: 590.409 ± 0.115 χ^2/NDF : 813814.1/34

In: 333.161 ± 0.069 χ^2/NDF : 4760766.8/25

Out: 361.933 ± 0.071 χ^2/NDF : 4140862.5/28

All: 347.248 ± 0.050 χ^2/NDF : 8985842.4/54

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2/NDF : 18.1/16

Left Out: 209.611 $\pm$ 46.976 χ^2/NDF : 9.1/10

Right Out: 205.590 $\pm$ 44.536 χ^2/NDF : 12.0/17

Left In: 229.875 $\pm$ 49.996 χ^2/NDF : 5.4/8

Left: 219.113 $\pm$ 34.235 χ^2/NDF : 14.6/19

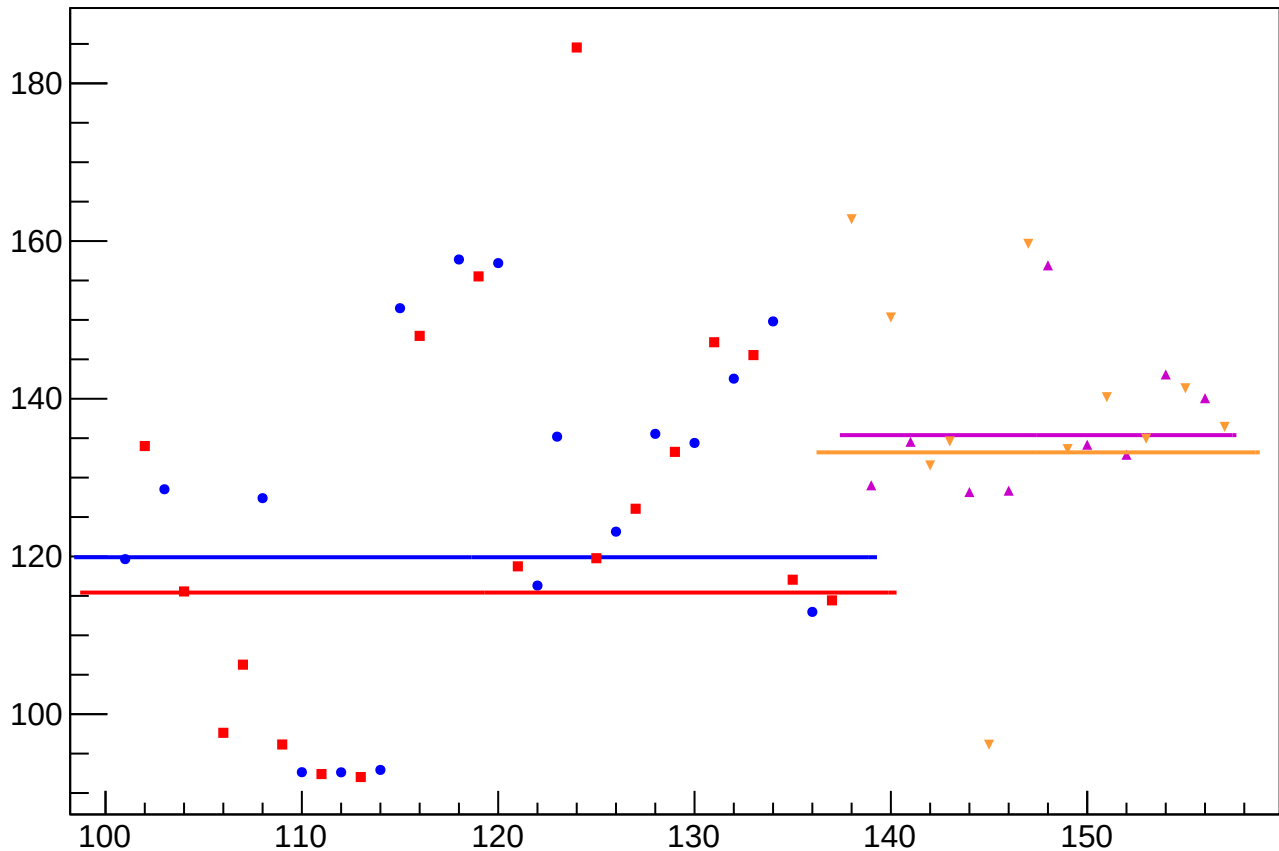
Right: 172.226 $\pm$ 32.336 χ^2/NDF : 31.3/34

In: 179.550 $\pm$ 34.254 χ^2/NDF : 25.4/25

Out: 207.493 $\pm$ 32.320 χ^2/NDF : 21.1/28

All: 194.333 $\pm$ 23.507 χ^2/NDF : 46.9/54

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 133.202 $\pm$ 0.033 χ^2 /NDF: 348308.1/10

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 135.386 $\pm$ 0.035 χ^2 /NDF: 51626.6/8

Left: 134.226 $\pm$ 0.024 χ^2 /NDF: 401962.3/19

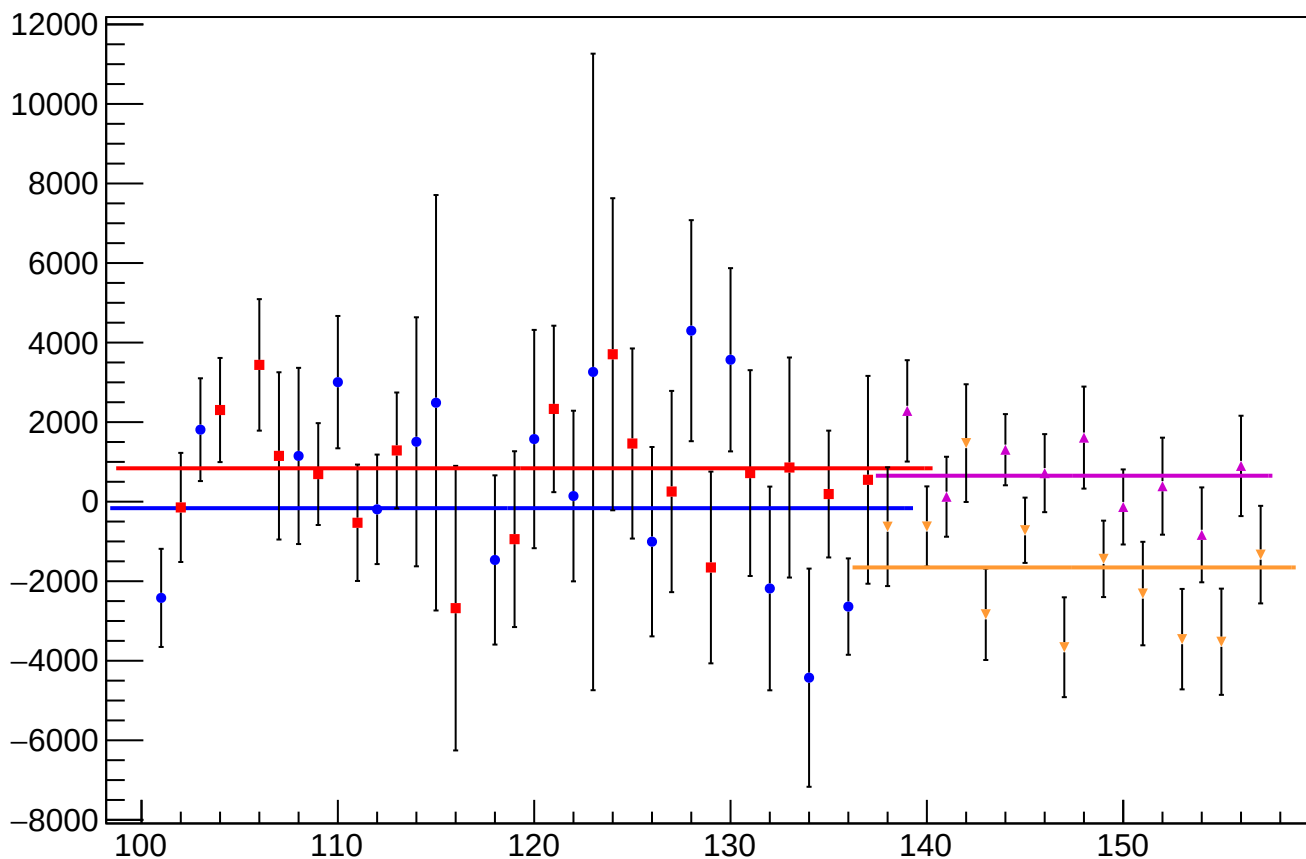
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 127.171 $\pm$ 0.024 χ^2 /NDF: 498906.1/25

Out: 123.838 $\pm$ 0.023 χ^2 /NDF: 917291.3/28

All: 125.408 $\pm$ 0.017 χ^2 /NDF: 1426214.5/54

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: -1653.562 $\pm$ 347.277 χ^2 /NDF:15.2/10

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 652.355 $\pm$ 362.137 χ^2 /NDF:5.3/8

Left: -548.885 $\pm$ 250.651 χ^2 /NDF: 41.7/19

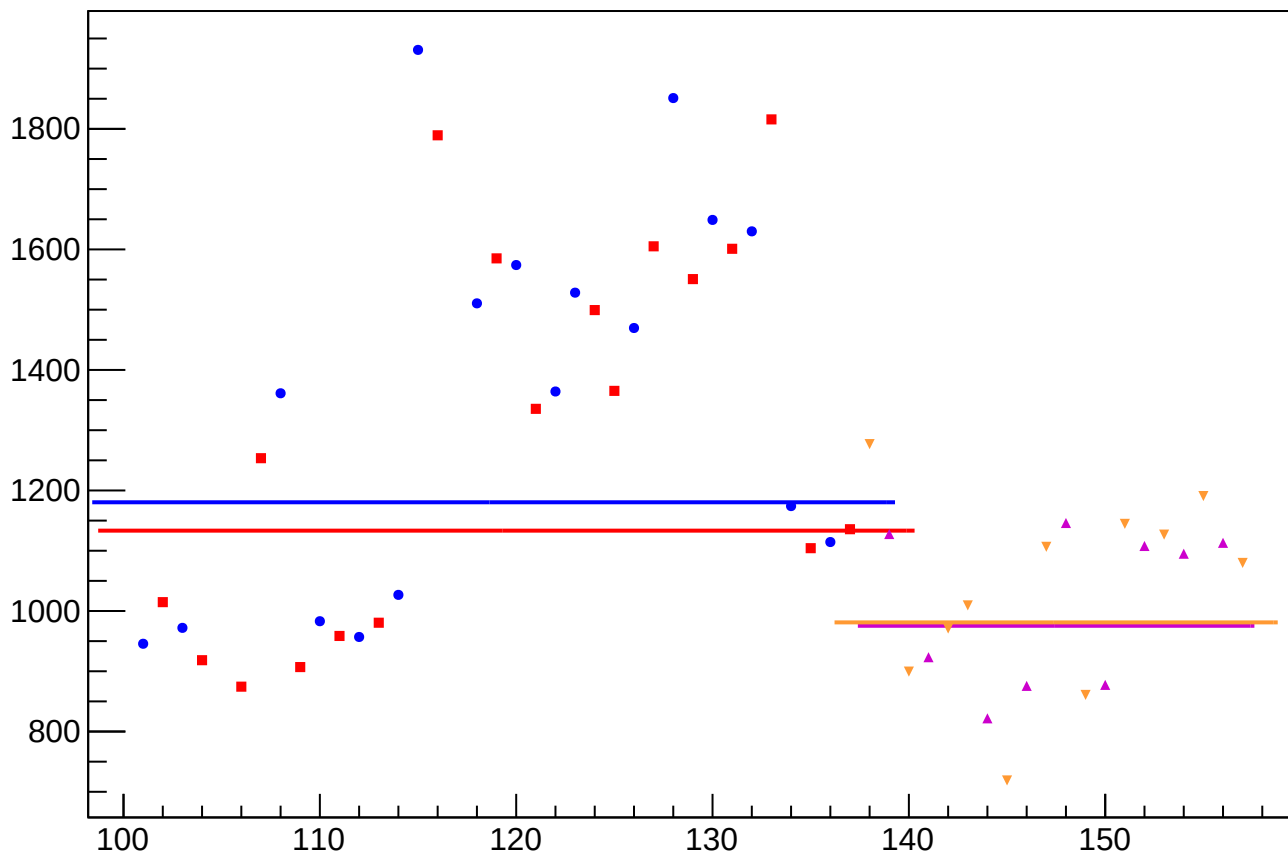
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 348.087 $\pm$ 286.769 χ^2 /NDF:30.9/25

Out: -698.033 $\pm$ 272.712 χ^2 /NDF:44.3/28

All: -201.240 $\pm$ 197.619 χ^2 /NDF: 82.2/54

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 981.104 $\pm$ 0.246 χ^2/NDF : 468958.6/10

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 975.492 $\pm$ 0.256 χ^2/NDF : 237884.7/8

Left: 978.415 $\pm$ 0.177 χ^2/NDF : 707093.5/19

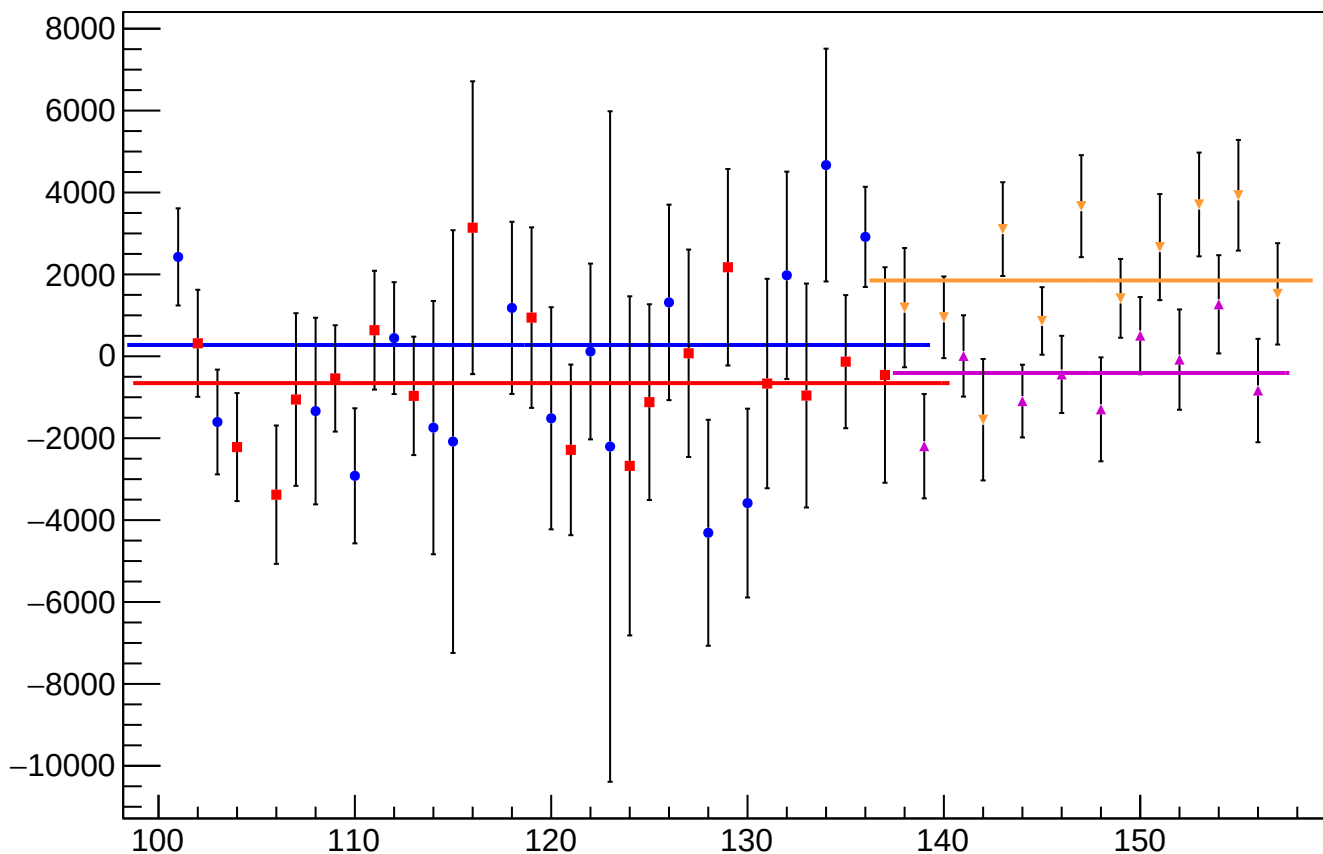
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1051.908 $\pm$ 0.203 χ^2/NDF : 1145533.2/25

Out: 1039.462 $\pm$ 0.193 χ^2/NDF : 1376694.1/28

All: 1045.373 $\pm$ 0.140 χ^2/NDF : 2524205.7/54

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1852.194 $\pm$ 346.885 χ^2 /NDF:16.2/10

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -406.994 $\pm$ 358.936 χ^2 /NDF:6.3/8

Left: 761.161 $\pm$ 249.436 χ^2 /NDF: 43.0/19

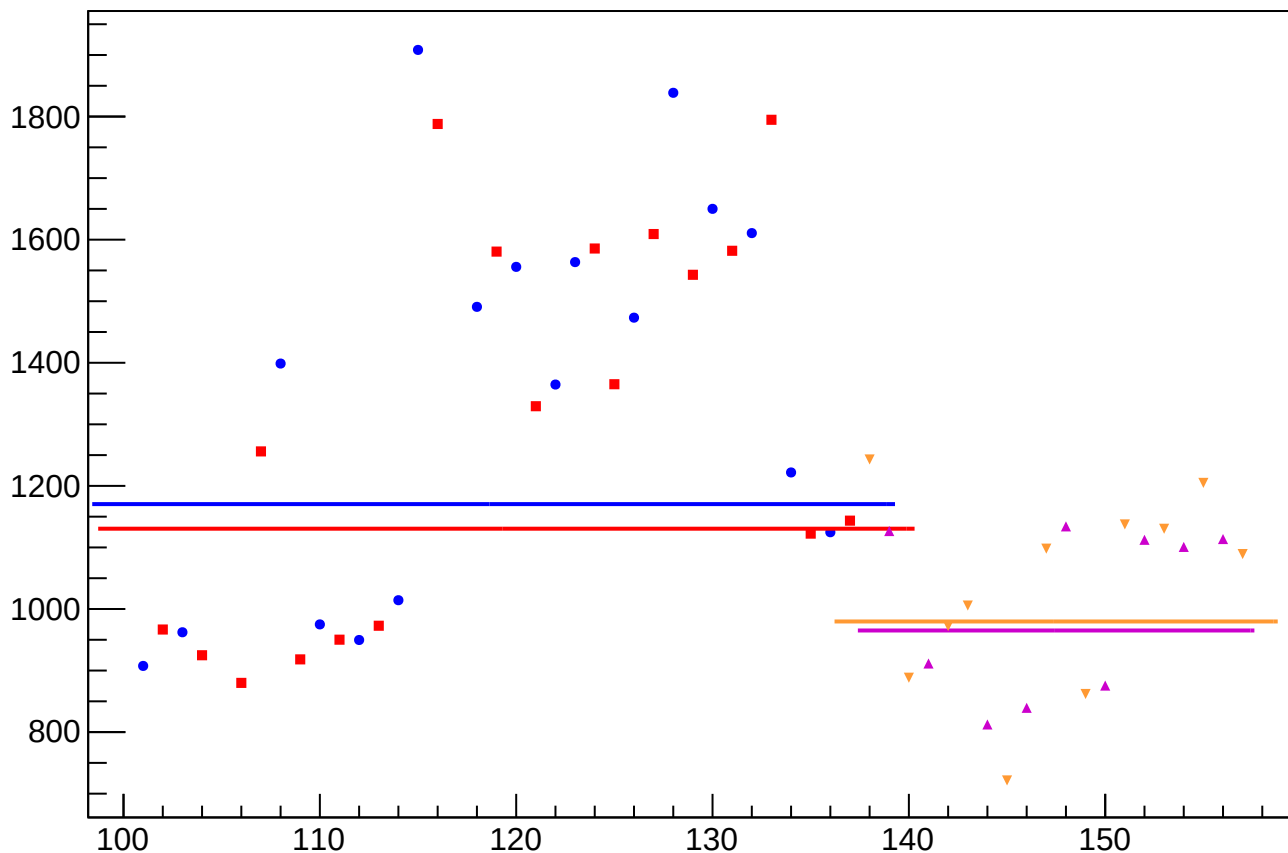
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -152.805 $\pm$ 284.458 χ^2 /NDF:32.0/25

Out: 890.939 $\pm$ 272.368 χ^2 /NDF:45.8/28

All: 391.718 $\pm$ 196.728 χ^2 /NDF: 84.8/54

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 979.731 $\pm$ 0.245 χ^2 /NDF: 456537.8/10

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 965.083 $\pm$ 0.254 χ^2 /NDF: 268527.8/8

Left: 972.657 $\pm$ 0.176 χ^2 /NDF: 726788.0/19

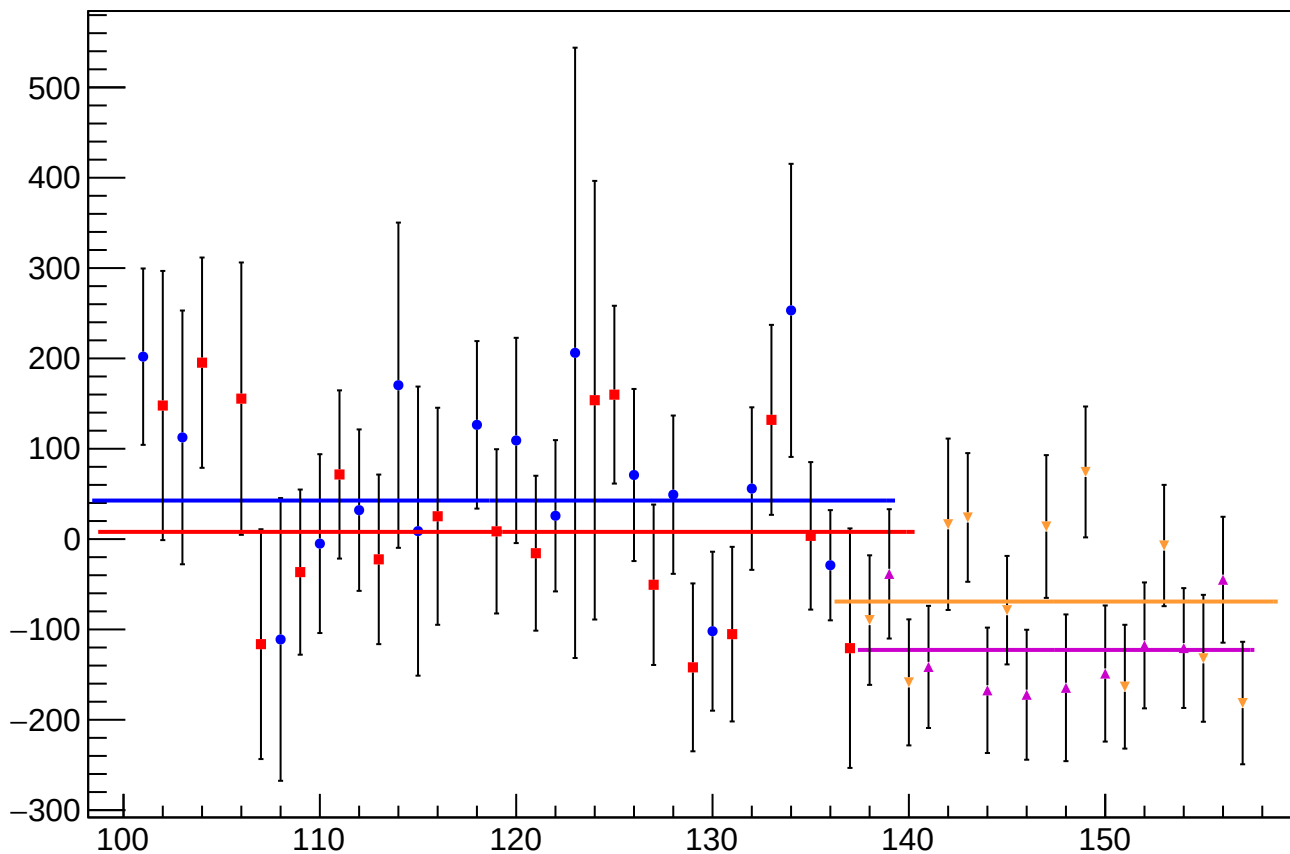
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1041.450 $\pm$ 0.201 χ^2 /NDF: 1217424.4/25

Out: 1037.533 $\pm$ 0.193 χ^2 /NDF: 1364371.0/28

All: 1039.406 $\pm$ 0.139 χ^2 /NDF: 2581993.2/54

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2/NDF : 12.0/16

Left Out: -69.125 $\pm$ 21.362 χ^2/NDF :15.6/10

Right Out: 7.995 $\pm$ 24.492 χ^2/NDF : 15.8/17

Left In: -122.676 $\pm$ 23.690 χ^2/NDF :4.0/8

Left: -93.141 $\pm$ 15.864 χ^2/NDF : 22.4/19

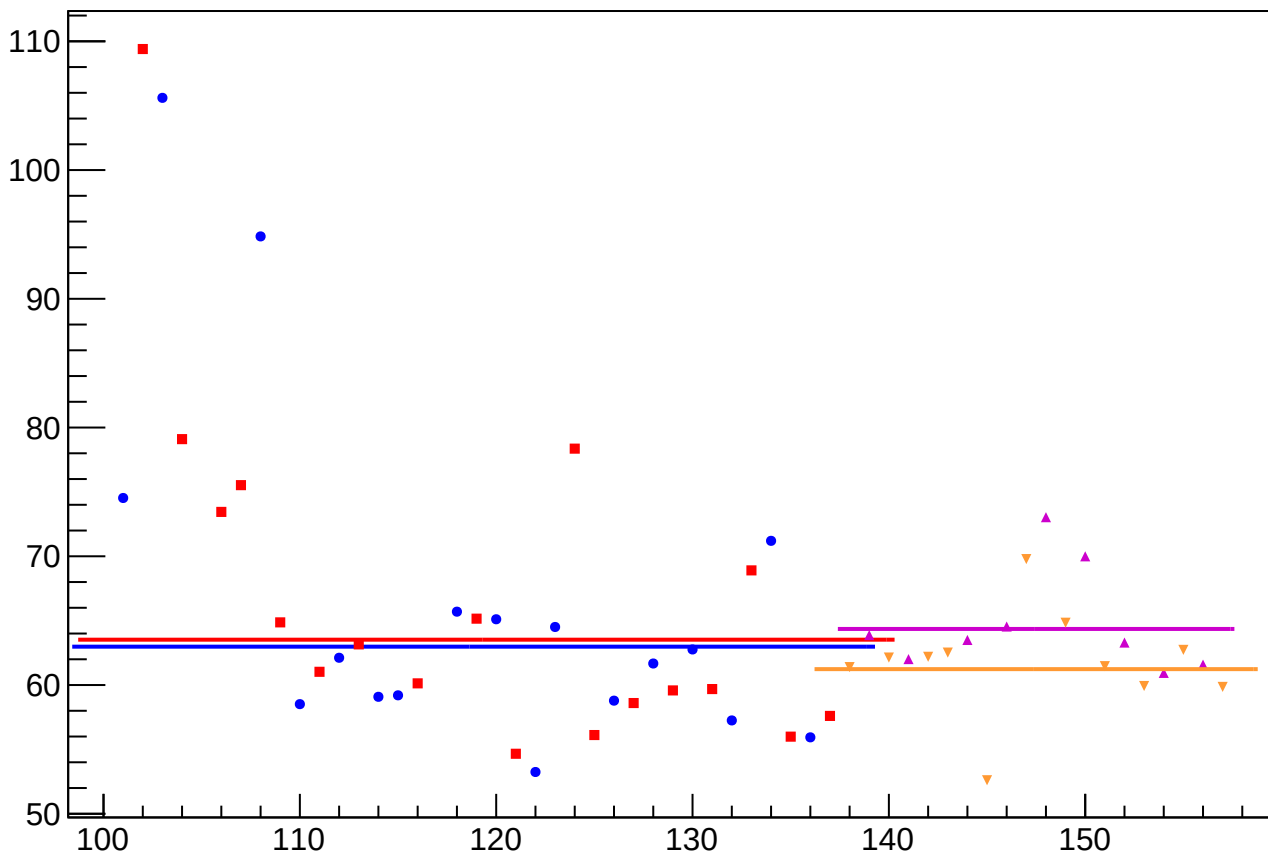
Right: 25.187 $\pm$ 17.392 χ^2/NDF : 28.8/34

In: -43.455 $\pm$ 17.097 χ^2/NDF :39.3/25

Out: -35.805 $\pm$ 16.099 χ^2/NDF :37.0/28

All: -39.400 $\pm$ 11.721 χ^2/NDF : 76.4/54

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.235 $\pm$ 0.015 χ^2 /NDF: 73395.0/10

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 64.356 $\pm$ 0.017 χ^2 /NDF: 45791.9/8

Left: 62.635 $\pm$ 0.011 χ^2 /NDF: 138336.1/19

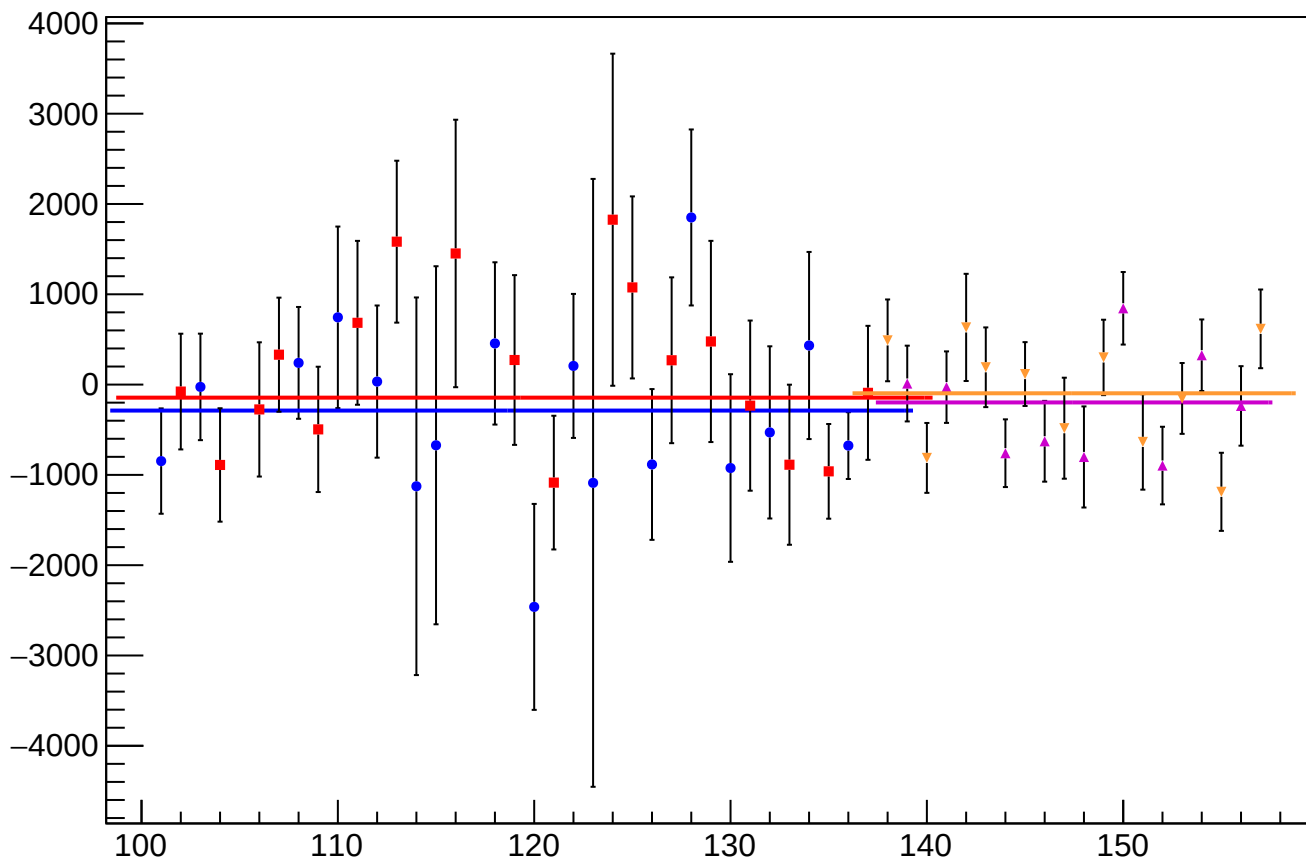
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.697 $\pm$ 0.012 χ^2 /NDF: 424287.6/25

Out: 62.223 $\pm$ 0.011 χ^2 /NDF: 418734.1/28

All: 62.916 $\pm$ 0.008 χ^2 /NDF: 850898.6/54

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: -96.335 $\pm$ 132.278 χ^2 /NDF:18.9/10

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -197.679 $\pm$ 140.707 χ^2 /NDF:15.9/8

Left: -143.881 $\pm$ 96.377 χ^2 /NDF: 35.1/19

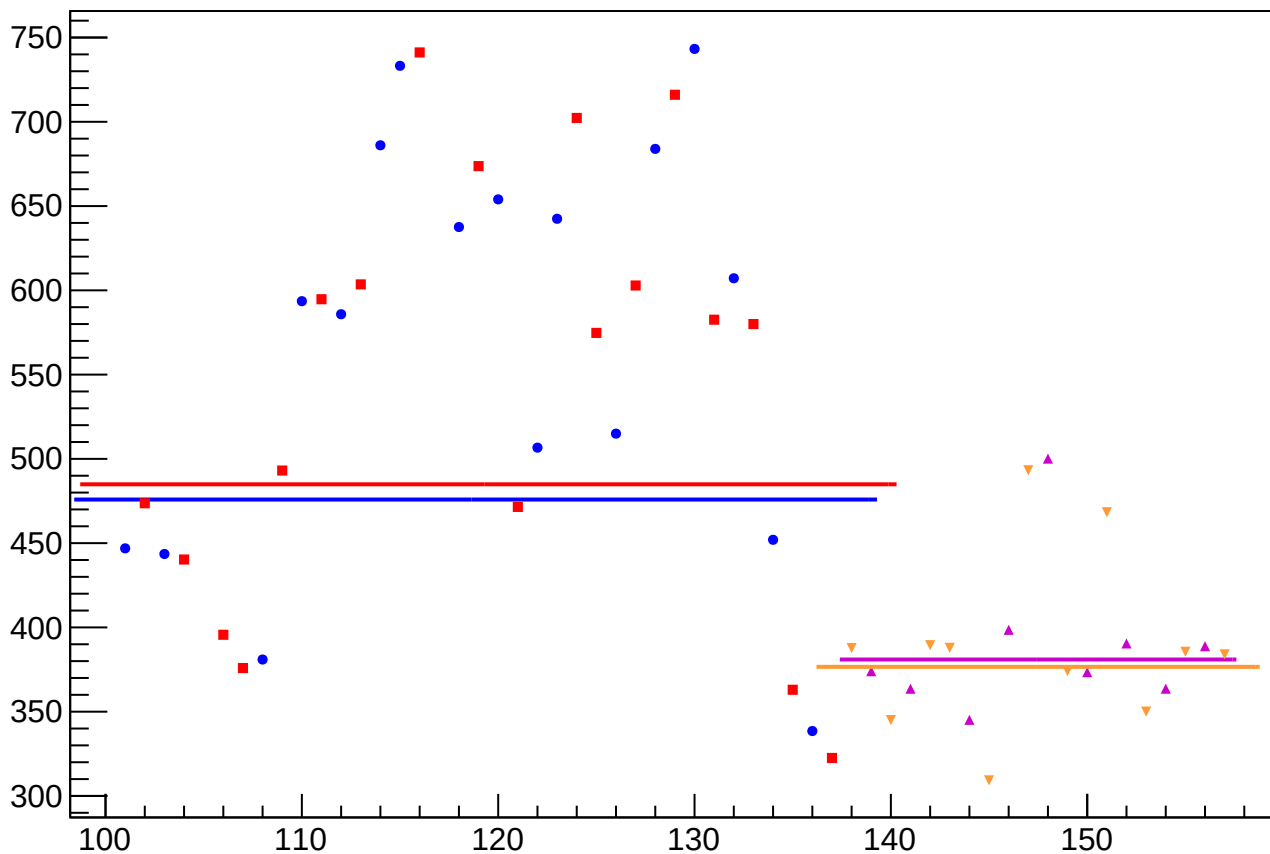
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -229.581 $\pm$ 113.052 χ^2 /NDF:31.4/25

Out: -112.351 $\pm$ 108.140 χ^2 /NDF:35.0/28

All: -168.364 $\pm$ 78.145 χ^2 /NDF: 67.0/54

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 376.597 $\pm$ 0.094 χ^2/NDF : 247278.8/10

Right Out: 484.914 $\pm$ 0.133 χ^2/NDF : 716315.8/17

Left In: 380.949 $\pm$ 0.099 χ^2/NDF : 122555.1/8

Left: 378.639 $\pm$ 0.068 χ^2/NDF : 370849.6/19

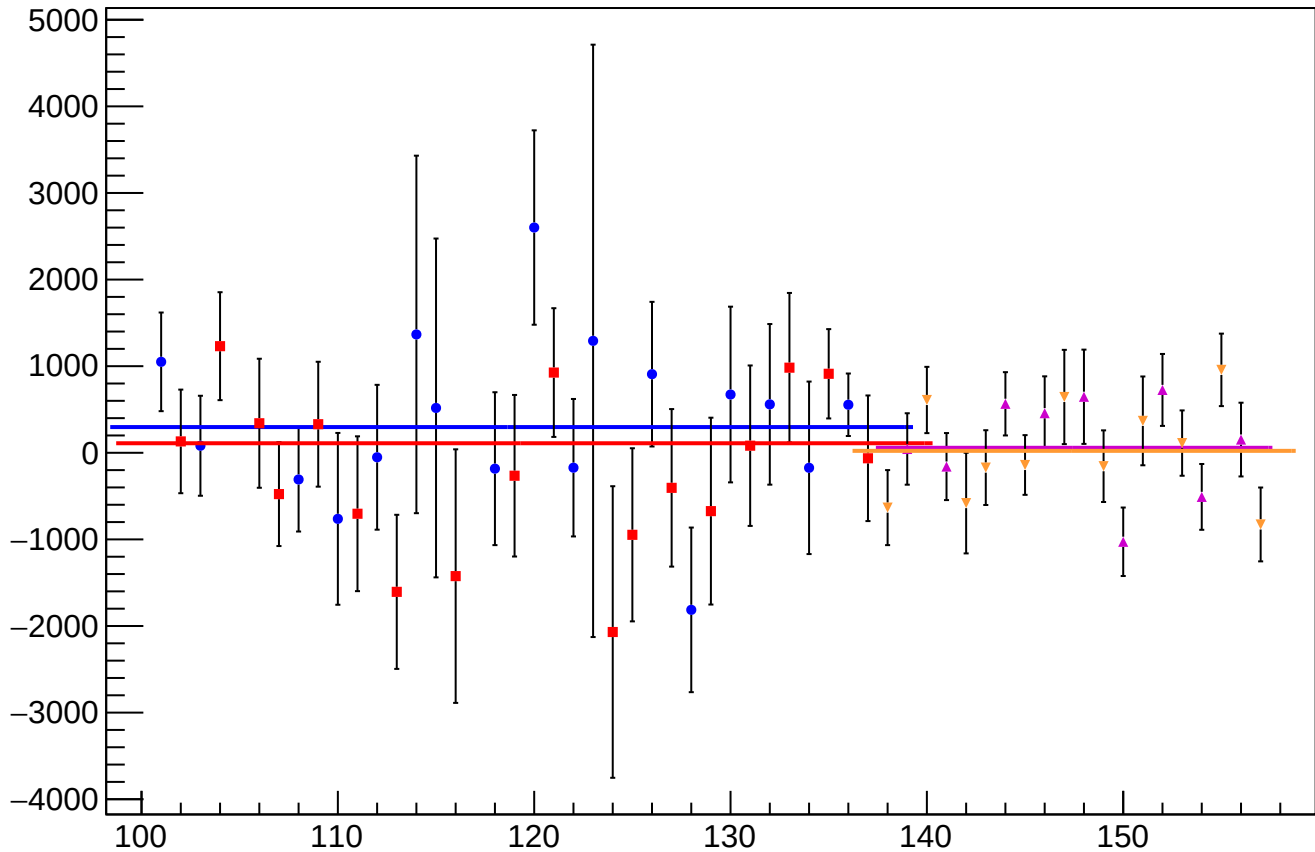
Right: 480.443 $\pm$ 0.094 χ^2/NDF : 1556417.6/34

In: 414.595 $\pm$ 0.080 χ^2/NDF : 1282984.3/25

Out: 412.521 $\pm$ 0.076 χ^2/NDF : 1408366.1/28

All: 413.512 $\pm$ 0.055 χ^2/NDF : 2691701.8/54

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 22.398 $\pm$ 128.913 χ^2 /NDF:17.1/10

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 57.688 $\pm$ 136.615 χ^2 /NDF:16.7/8

Left: 39.020 $\pm$ 93.760 χ^2 /NDF: 33.8/19

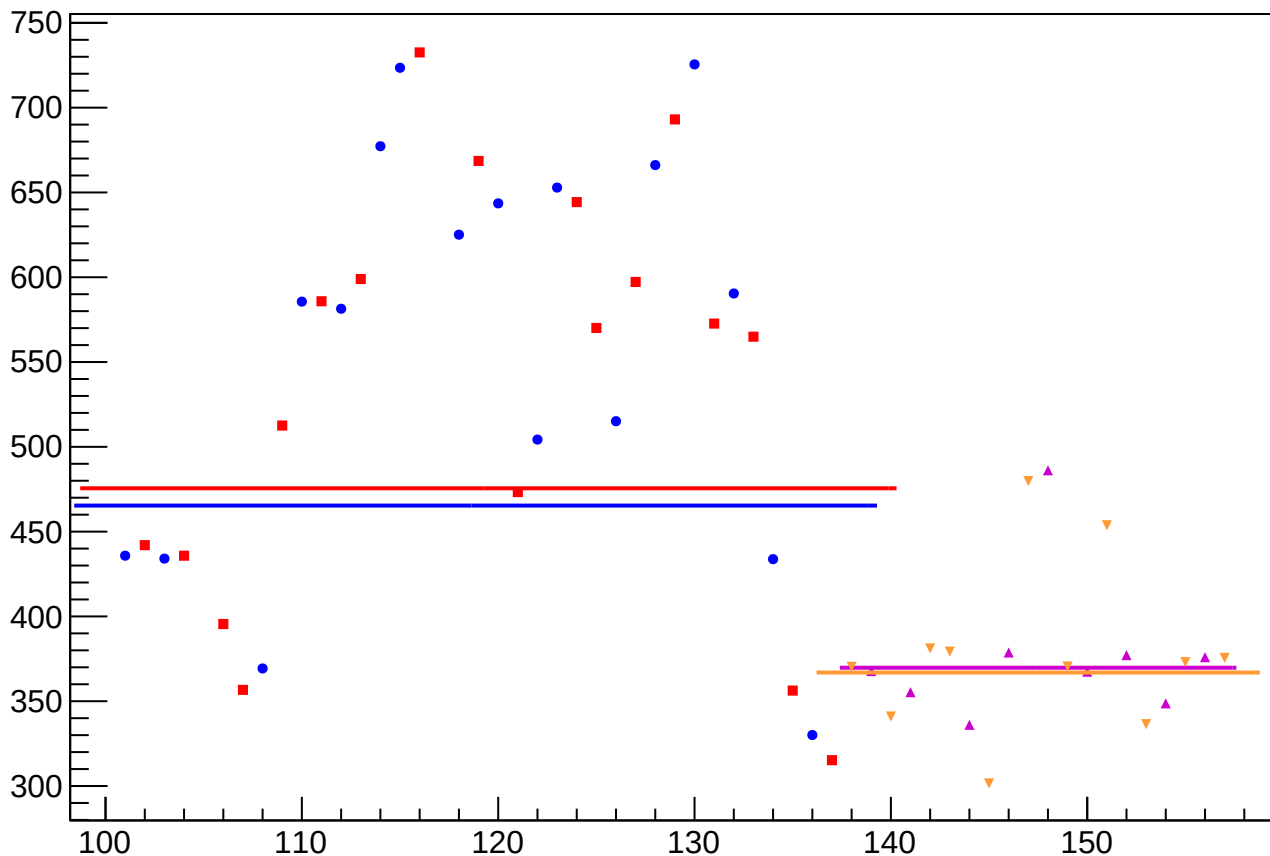
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 141.558 $\pm$ 110.101 χ^2 /NDF:33.6/25

Out: 51.203 $\pm$ 105.655 χ^2 /NDF:35.8/28

All: 94.519 $\pm$ 76.233 χ^2 /NDF: 69.8/54

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 366.919 $\pm$ 0.091 χ^2 /NDF: 241928.6/10

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 369.747 $\pm$ 0.097 χ^2 /NDF: 119454.0/8

Left: 368.251 $\pm$ 0.066 χ^2 /NDF: 361836.2/19

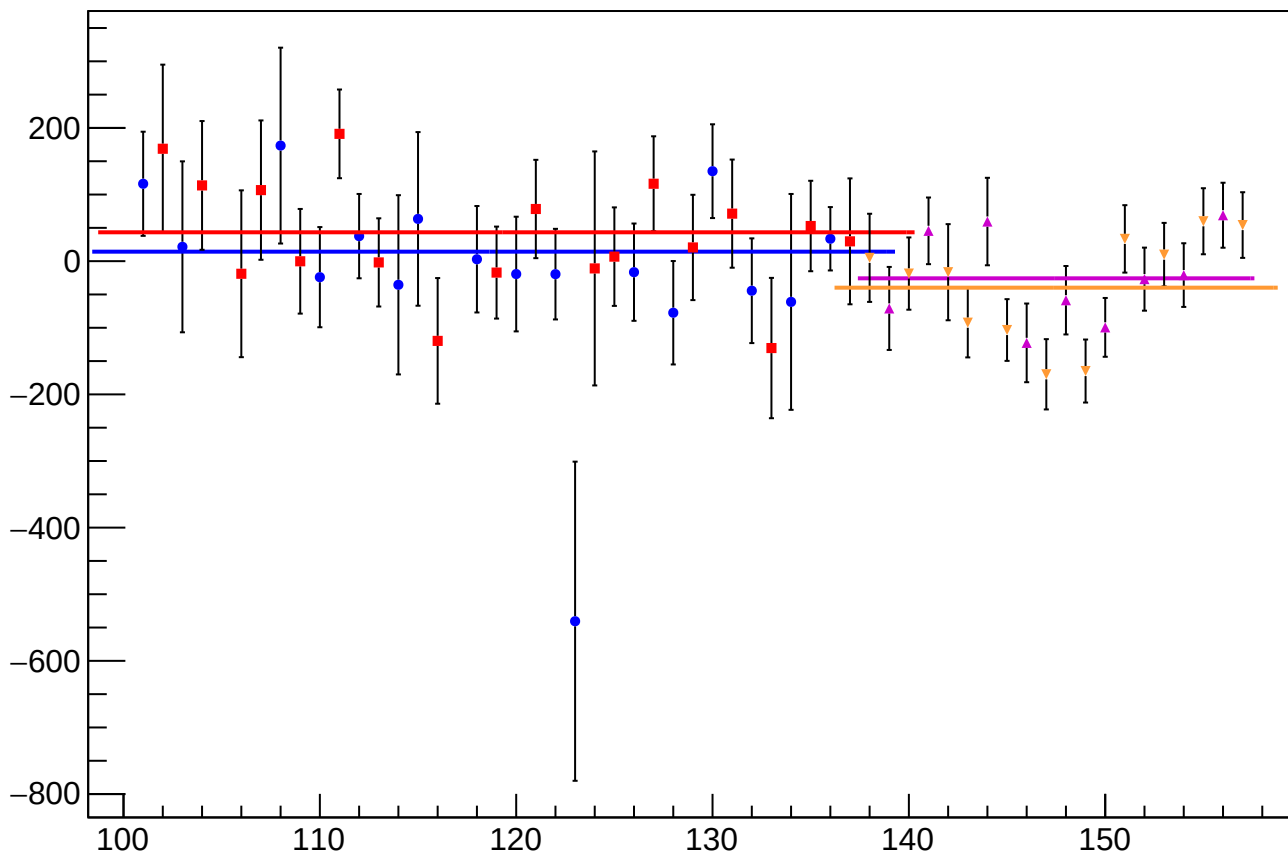
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 403.257 $\pm$ 0.078 χ^2 /NDF: 1323195.8/25

Out: 402.584 $\pm$ 0.075 χ^2 /NDF: 1449087.4/28

All: 402.906 $\pm$ 0.054 χ^2 /NDF: 2772322.0/54

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -39.797+/-15.714 χ^2/NDF : 27.5/10

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -25.768+/-17.220 χ^2/NDF : 13.9/8

Left: -33.423+/-11.608 χ^2/NDF : 41.8/19

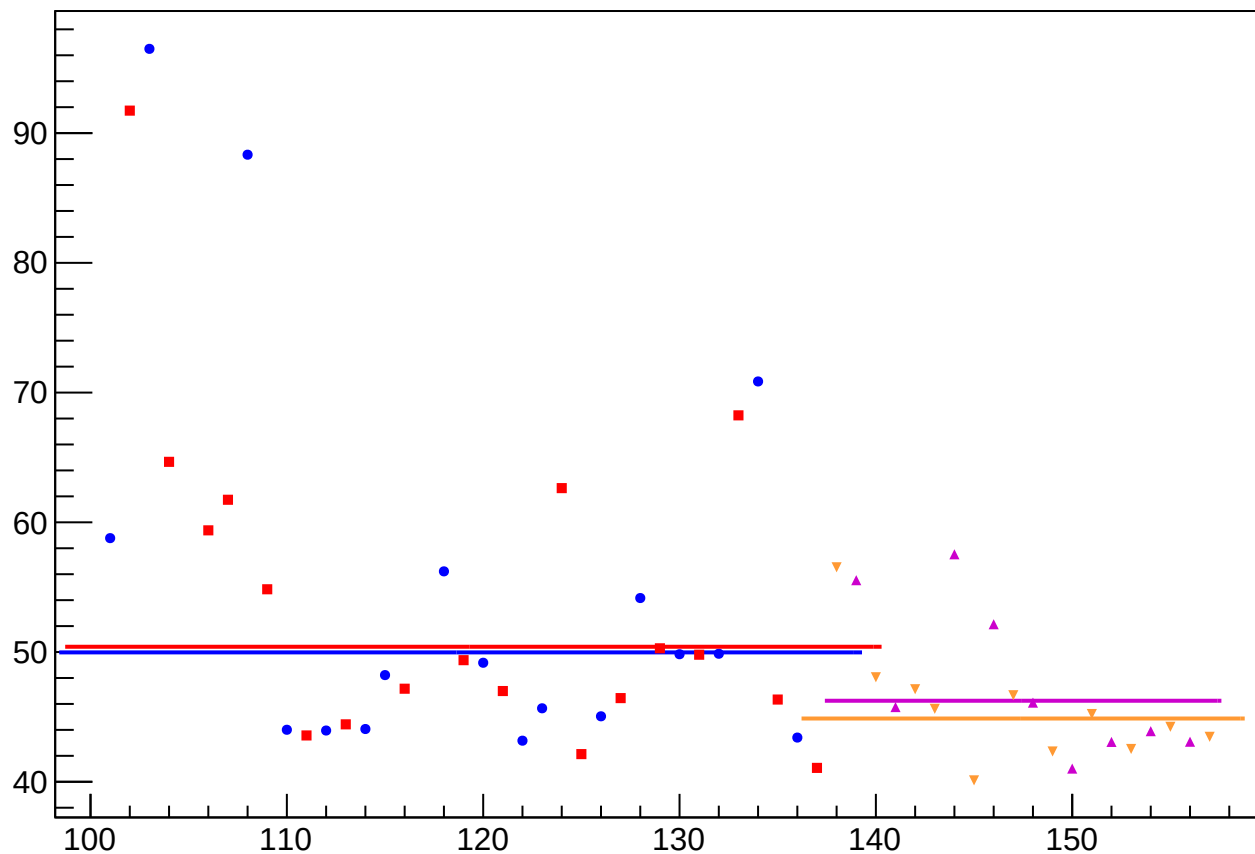
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -8.599+/-13.012 χ^2/NDF : 31.0/25

Out: -7.370+/-12.272 χ^2/NDF : 54.6/28

All: -7.948+/-8.928 χ^2/NDF : 85.6/54

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 44.876 $\pm$ 0.011 χ^2/NDF : 107504.6/10

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 46.246 $\pm$ 0.012 χ^2/NDF : 173989.9/8

Left: 45.499 $\pm$ 0.008 χ^2/NDF : 288392.0/19

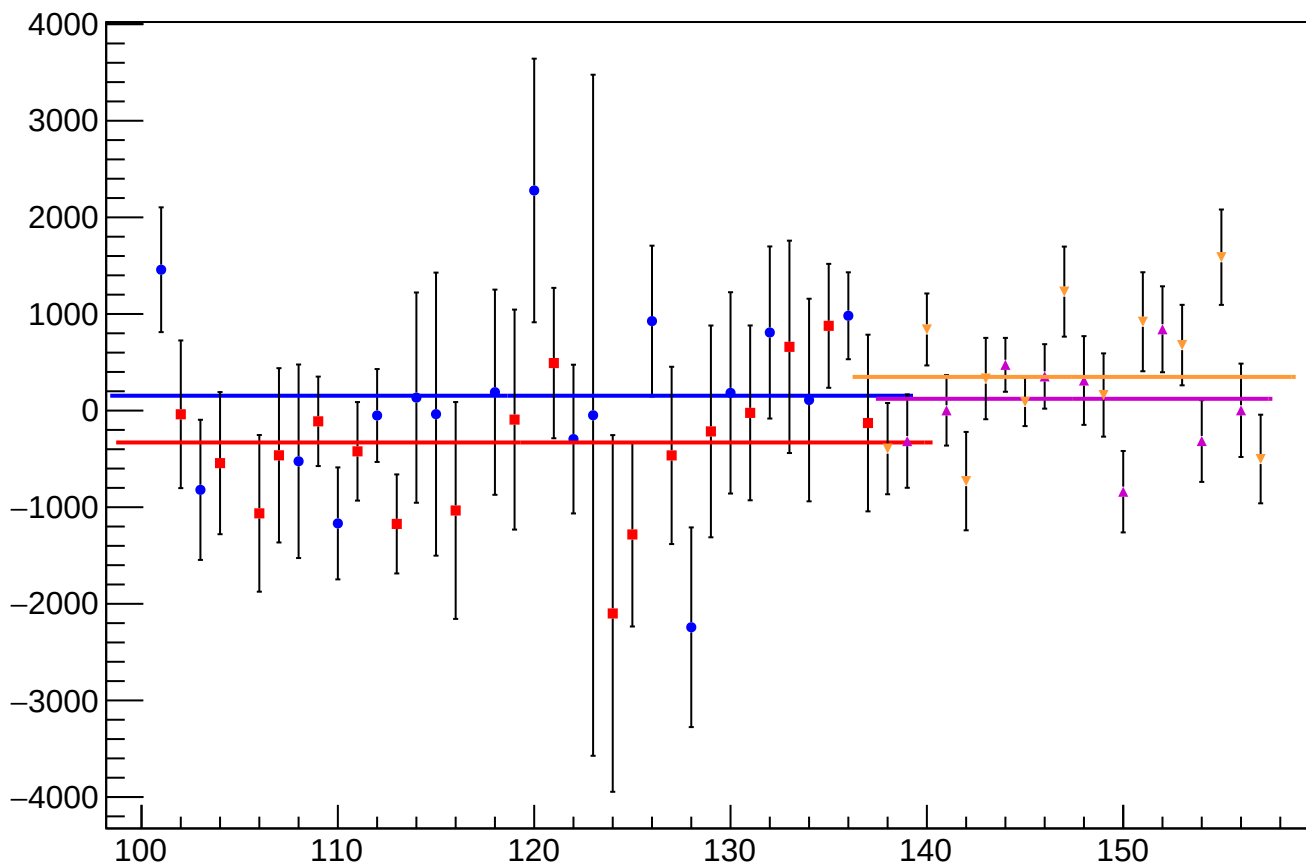
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 47.845 $\pm$ 0.009 χ^2/NDF : 792943.6/25

Out: 47.034 $\pm$ 0.009 χ^2/NDF : 671651.4/28

All: 47.416 $\pm$ 0.006 χ^2/NDF : 1468701.7/54

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 348.744 $\pm$ 123.524 χ^2 /NDF:25.1/10

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 121.980 $\pm$ 130.261 χ^2 /NDF:12.1/8

Left: 241.377 $\pm$ 89.632 χ^2 /NDF: 38.9/19

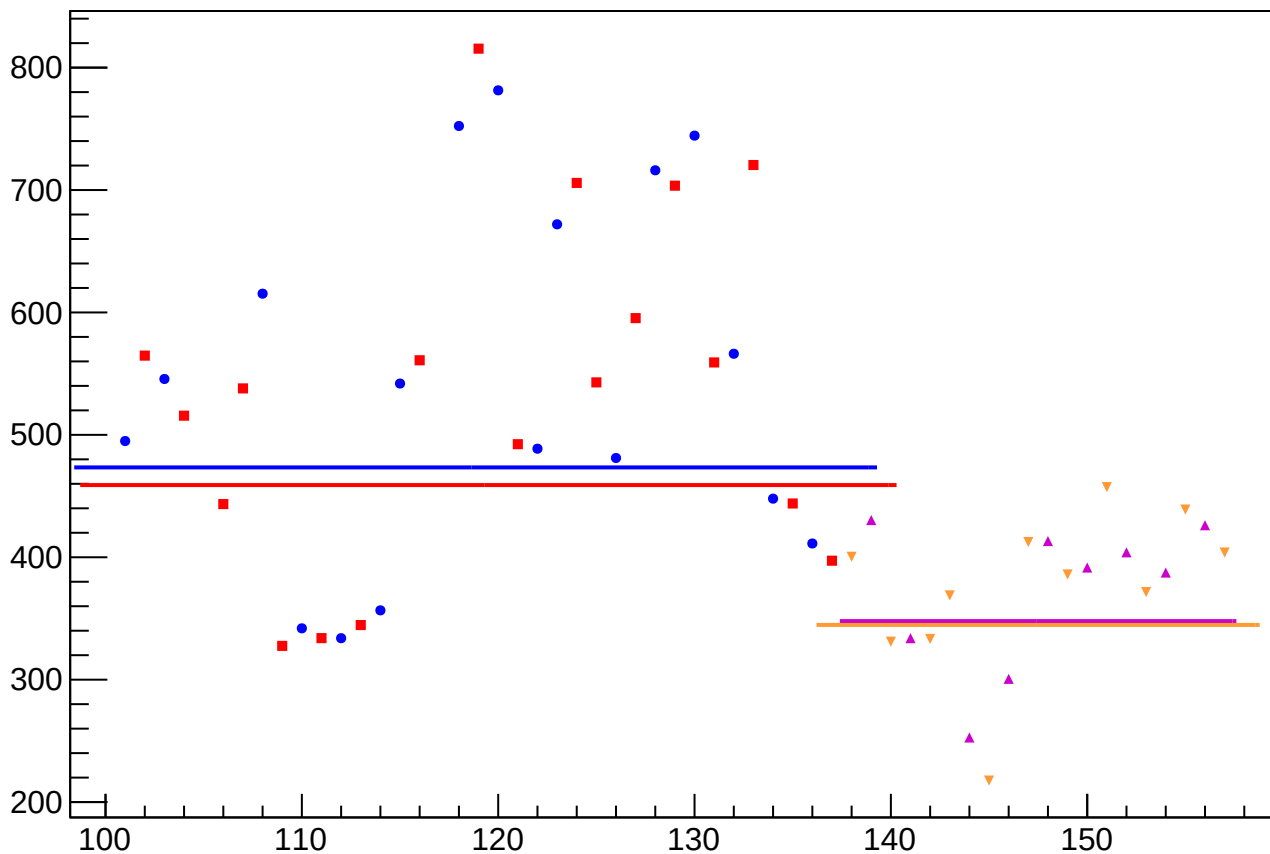
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 132.170 $\pm$ 107.430 χ^2 /NDF:36.9/25

Out: 131.117 $\pm$ 101.811 χ^2 /NDF:46.9/28

All: 131.615 $\pm$ 73.898 χ^2 /NDF: 83.8/54

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: 344.739 $\pm$ 0.087 χ^2 /NDF:824949.9/10

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 347.852 $\pm$ 0.092 χ^2 /NDF:497827.9/8

Left: 346.213 $\pm$ 0.063 χ^2 /NDF: 1323379.2/19

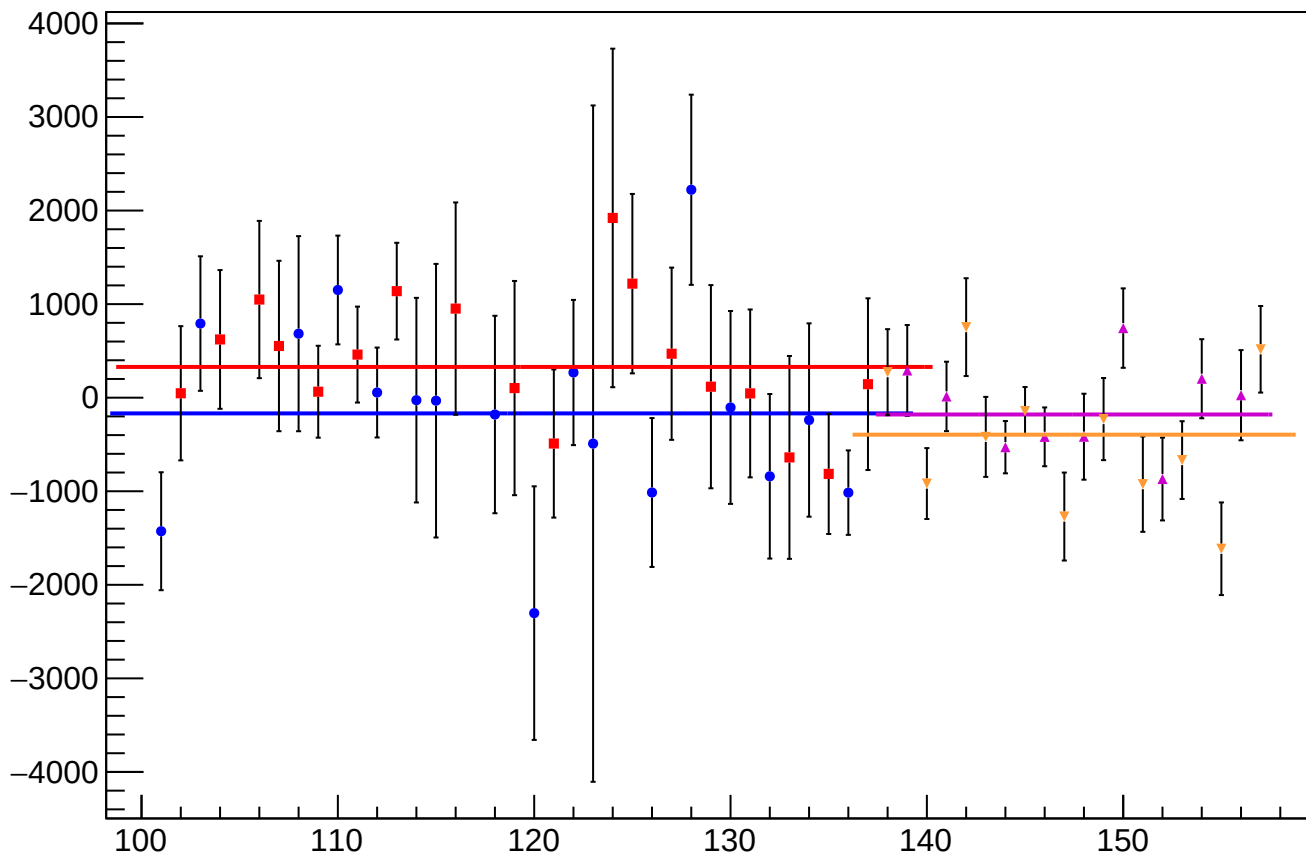
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 388.008 $\pm$ 0.076 χ^2 /NDF:2007012.6/25

Out: 381.374 $\pm$ 0.072 χ^2 /NDF:2379825.3/28

All: 384.513 $\pm$ 0.052 χ^2 /NDF: 4390855.4/54

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -395.330+/-124.903 χ^2/NDF : 24.9/10

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -179.554+/-129.399 χ^2/NDF : 11.8/8

Left: -291.256+/-89.867 χ^2/NDF : 38.1/19

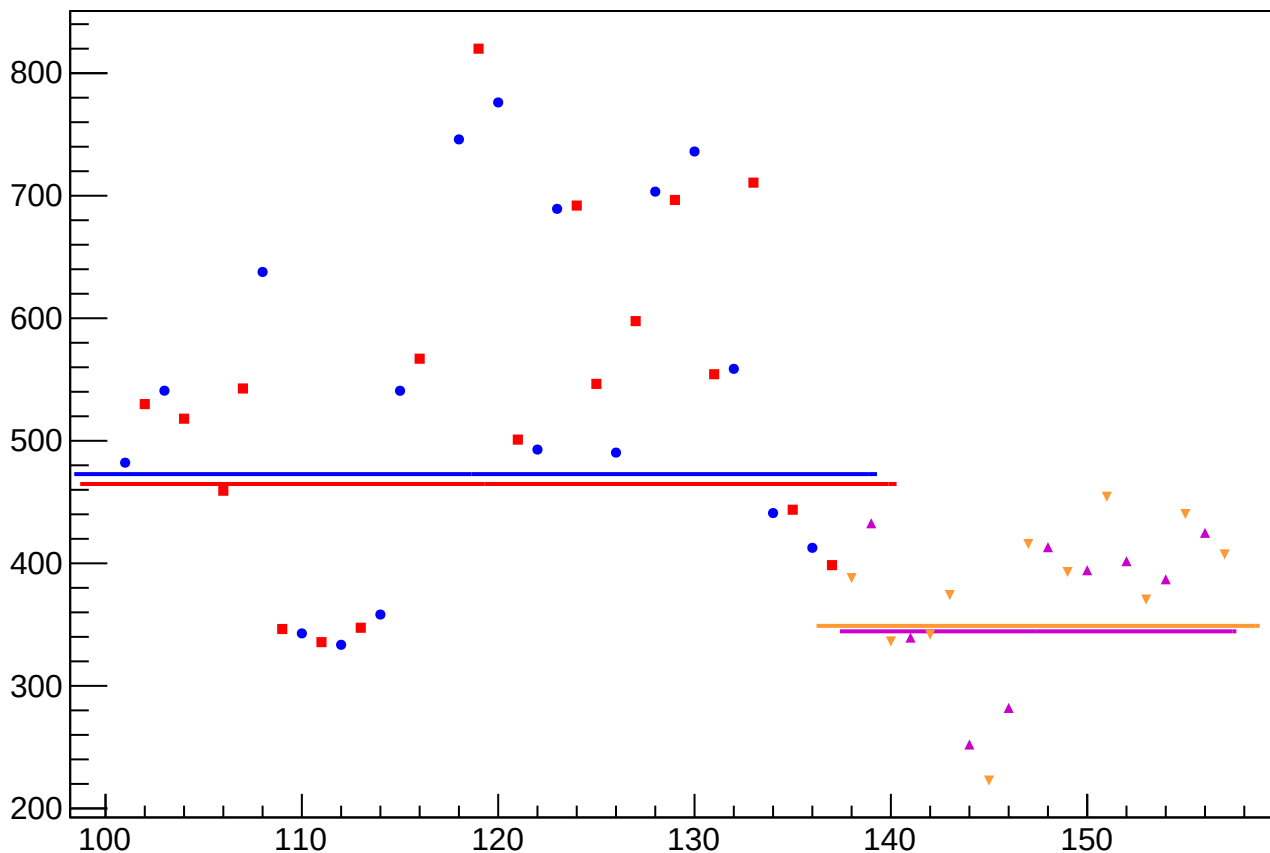
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -175.902+/-106.908 χ^2/NDF : 37.2/25

Out: -162.777+/-102.904 χ^2/NDF : 46.8/28

All: -169.090+/-74.139 χ^2/NDF : 84.0/54

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 348.965 $\pm$ 0.088 χ^2 /NDF: 758193.6/10

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 344.506 $\pm$ 0.091 χ^2 /NDF: 545476.5/8

Left: 346.815 $\pm$ 0.064 χ^2 /NDF: 1304899.5/19

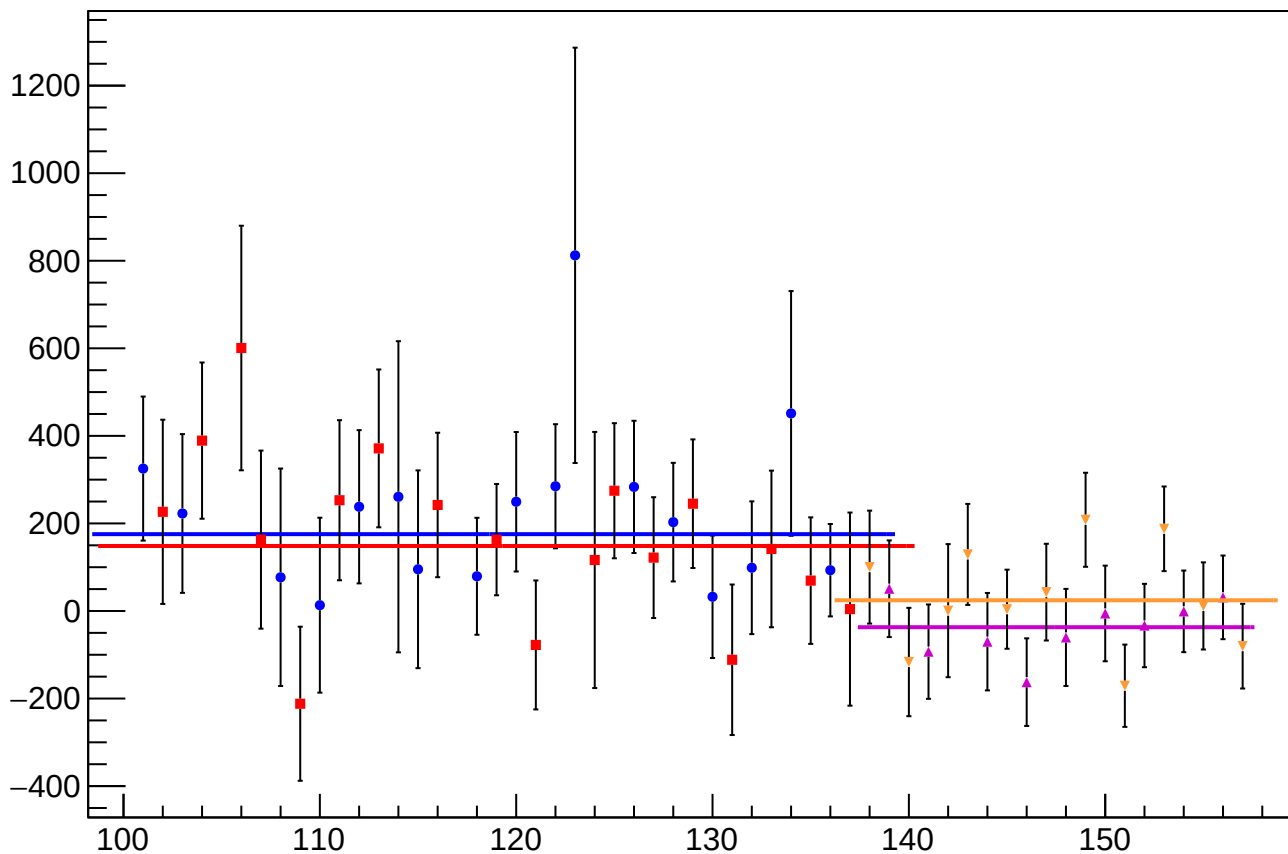
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 385.234 $\pm$ 0.076 χ^2 /NDF: 2066062.3/25

Out: 386.163 $\pm$ 0.073 χ^2 /NDF: 2225169.2/28

All: 385.716 $\pm$ 0.052 χ^2 /NDF: 4291309.9/54

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: 24.475 $\pm$ 32.225 χ^2 /NDF:13.9/10

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -37.067 $\pm$ 34.322 χ^2 /NDF:3.4/8

Left: -4.359 $\pm$ 23.493 χ^2 /NDF: 18.9/19

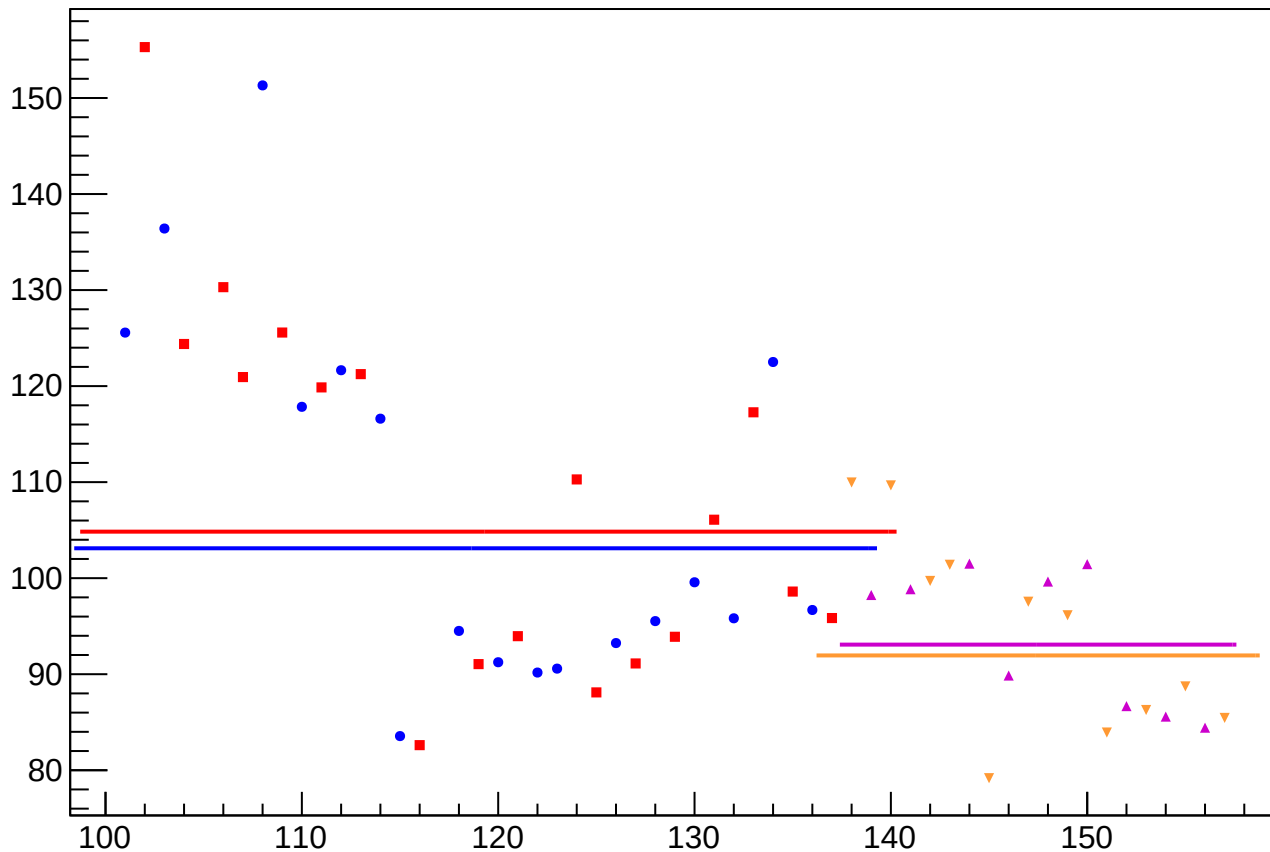
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 52.132 $\pm$ 26.146 χ^2 /NDF:28.0/25

Out: 72.780 $\pm$ 25.176 χ^2 /NDF:37.1/28

All: 62.846 $\pm$ 18.135 χ^2 /NDF: 65.5/54

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 91.954 $\pm$ 0.023 χ^2 /NDF:179375.2/10

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 93.080 $\pm$ 0.024 χ^2 /NDF:80831.4/8

Left: 92.482 $\pm$ 0.017 χ^2 /NDF: 261351.2/19

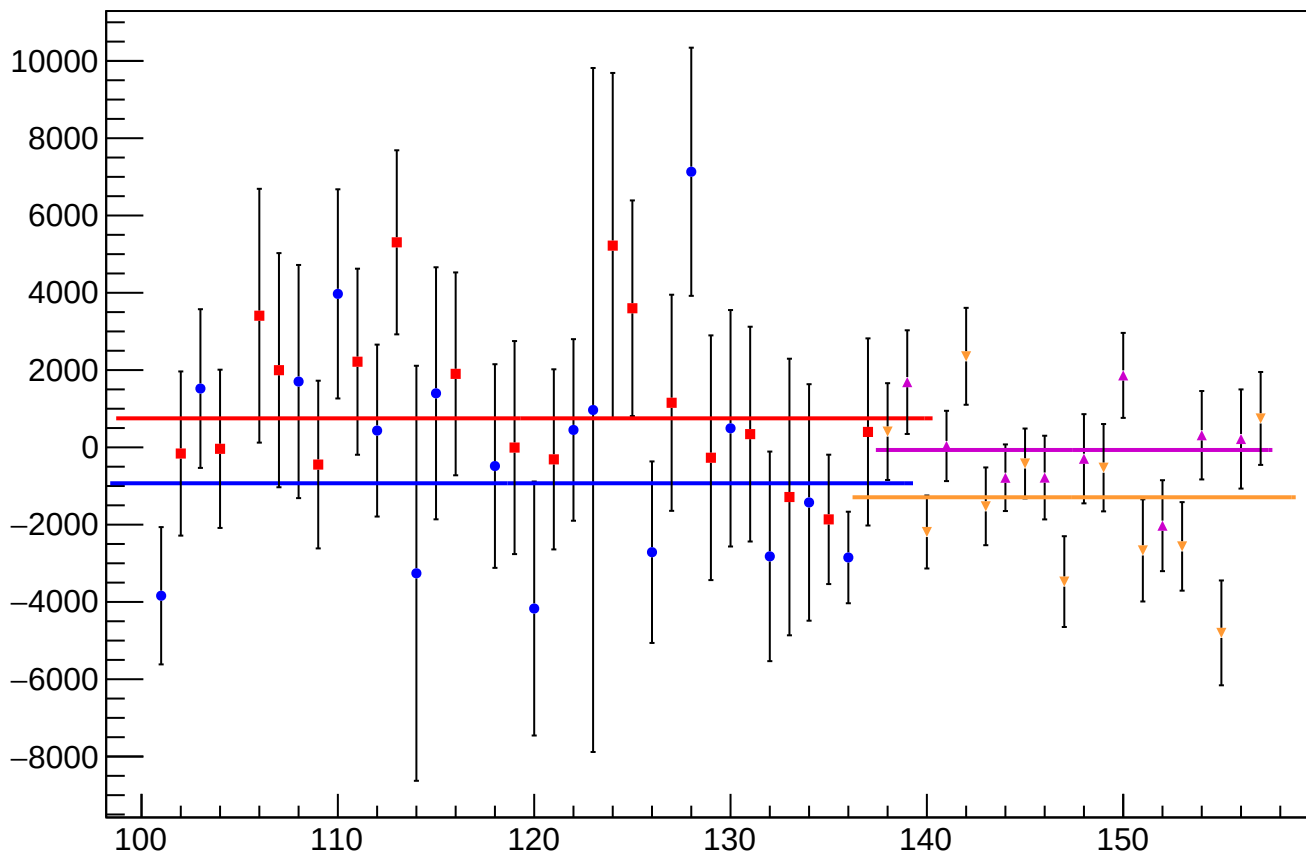
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 97.291 $\pm$ 0.018 χ^2 /NDF:458977.6/25

Out: 96.977 $\pm$ 0.018 χ^2 /NDF:672735.3/28

All: 97.128 $\pm$ 0.013 χ^2 /NDF: 1131862.6/54

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: -1291.321+/-339.358 χ^2/NDF :28.0/10

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -67.462+/-361.917 χ^2/NDF :8.9/8

Left: -718.720+/-247.554 χ^2/NDF : 43.0/19

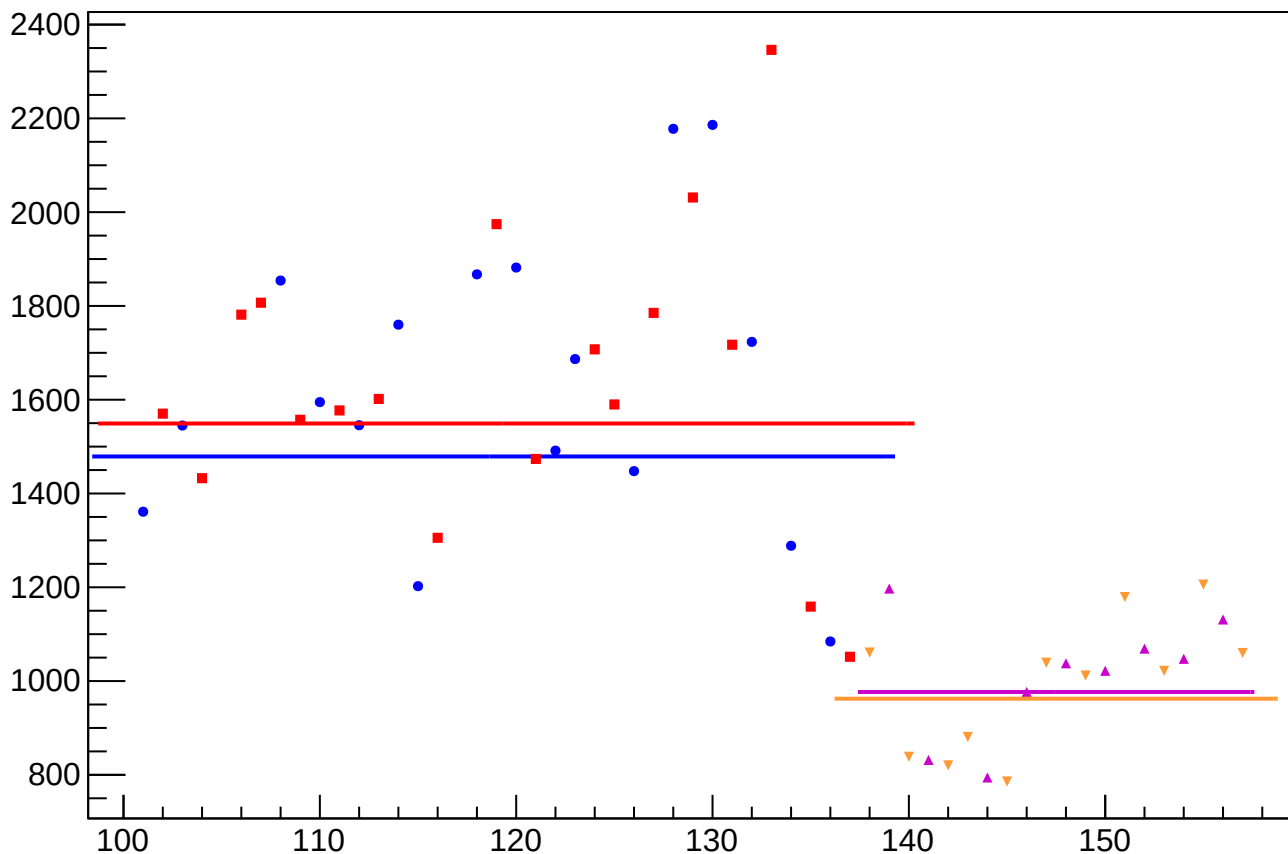
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -304.760+/-308.064 χ^2/NDF :31.3/25

Out: -789.911+/-294.777 χ^2/NDF :47.8/28

All: -558.023+/-212.981 χ^2/NDF : 80.4/54

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 962.404+/-0.240 χ^2/NDF : 310997.9/10

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 976.730+/-0.256 χ^2/NDF : 252310.1/8

Left: 969.107+/-0.175 χ^2/NDF : 564975.4/19

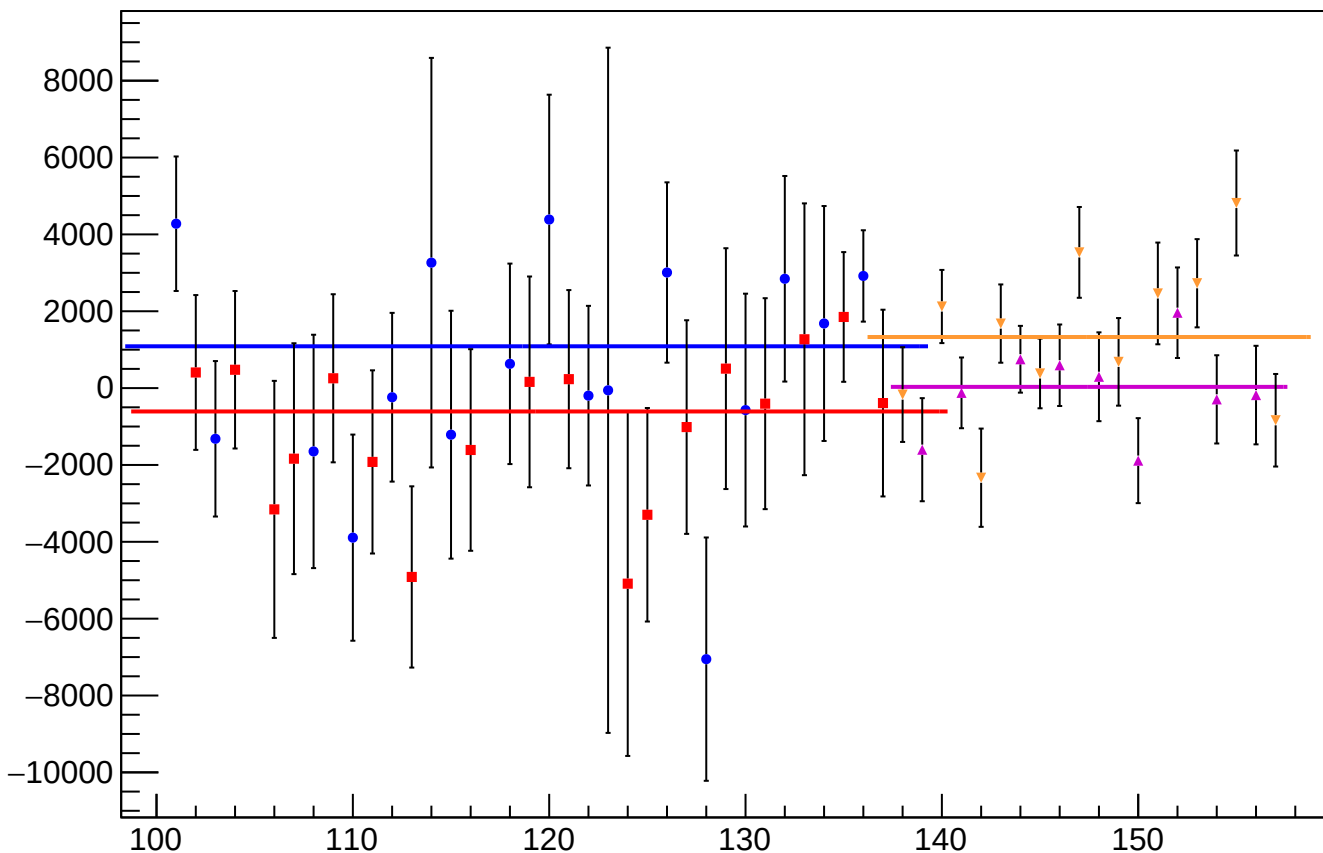
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1115.081+/-0.218 χ^2/NDF : 1902954.6/25

Out: 1106.466+/-0.208 χ^2/NDF : 2241798.2/28

All: 1110.584+/-0.151 χ^2/NDF : 4145569.2/54

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1329.383 $\pm$ 341.134 χ^2 /NDF:27.3/10

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 32.000 $\pm$ 362.664 χ^2 /NDF:8.3/8

Left: 720.342 $\pm$ 248.481 χ^2 /NDF: 42.5/19

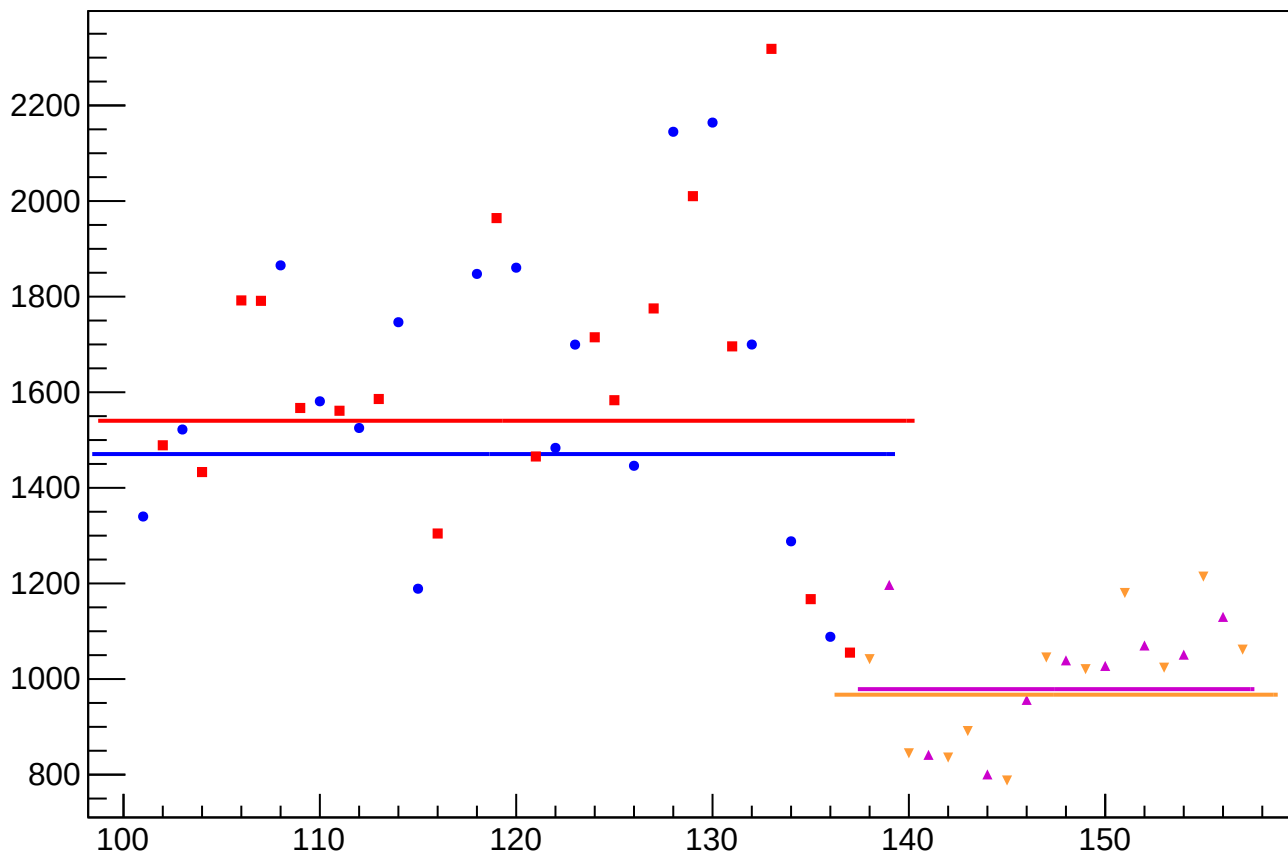
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 326.384 $\pm$ 307.992 χ^2 /NDF:32.5/25

Out: 845.901 $\pm$ 295.517 χ^2 /NDF:45.3/28

All: 596.877 $\pm$ 213.236 χ^2 /NDF: 79.3/54

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 967.281 $\pm$ 0.241 χ^2/NDF : 298303.6/10

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 978.896 $\pm$ 0.256 χ^2/NDF : 239636.1/8

Left: 972.734 $\pm$ 0.176 χ^2/NDF : 539028.2/19

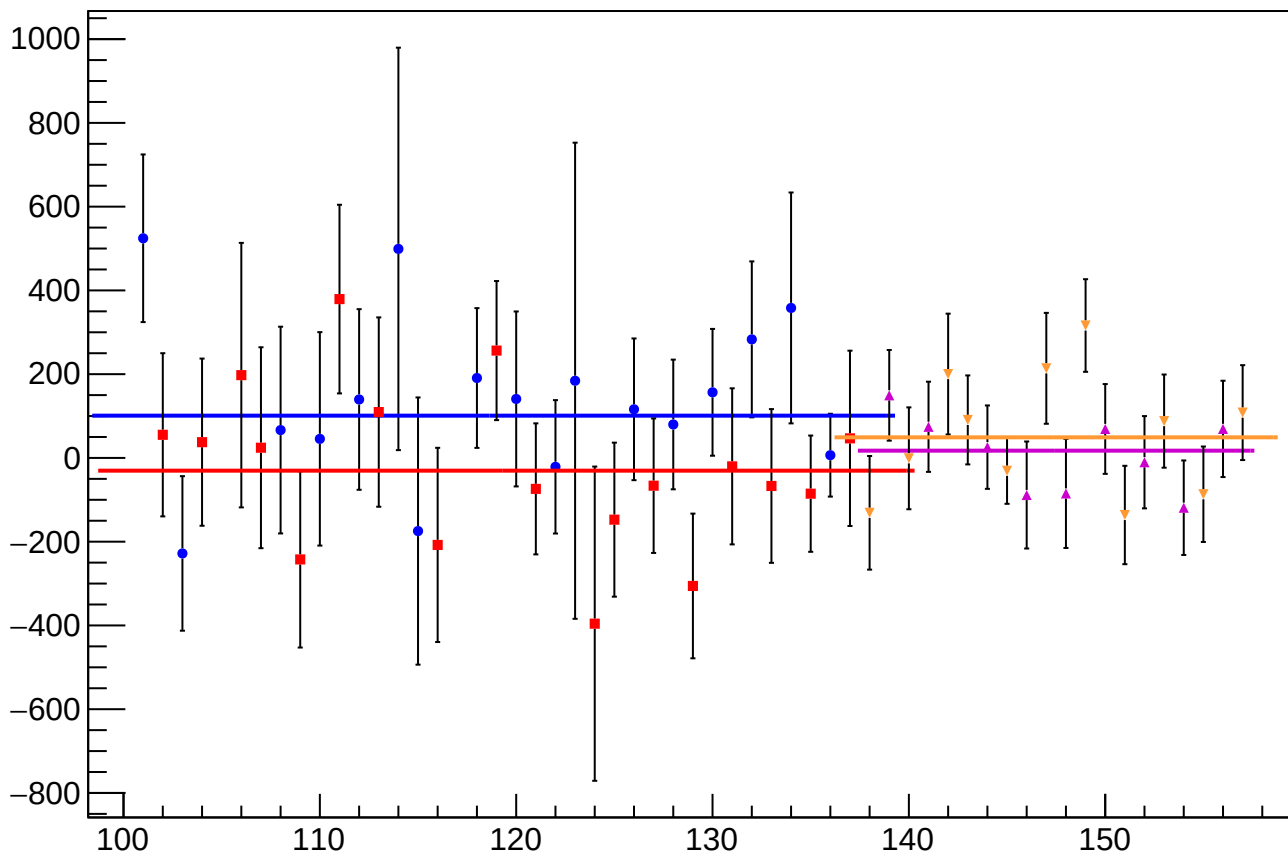
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1115.994 $\pm$ 0.218 χ^2/NDF : 1832614.9/25

Out: 1110.296 $\pm$ 0.209 χ^2/NDF : 2149620.6/28

All: 1113.027 $\pm$ 0.151 χ^2/NDF : 3982592.0/54

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 49.172 ± 33.979 $\chi^2/\text{NDF}: 15.9/10$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 17.332 ± 37.365 $\chi^2/\text{NDF}: 5.0/8$

Left: 34.759 ± 25.139 $\chi^2/\text{NDF}: 21.3/19$

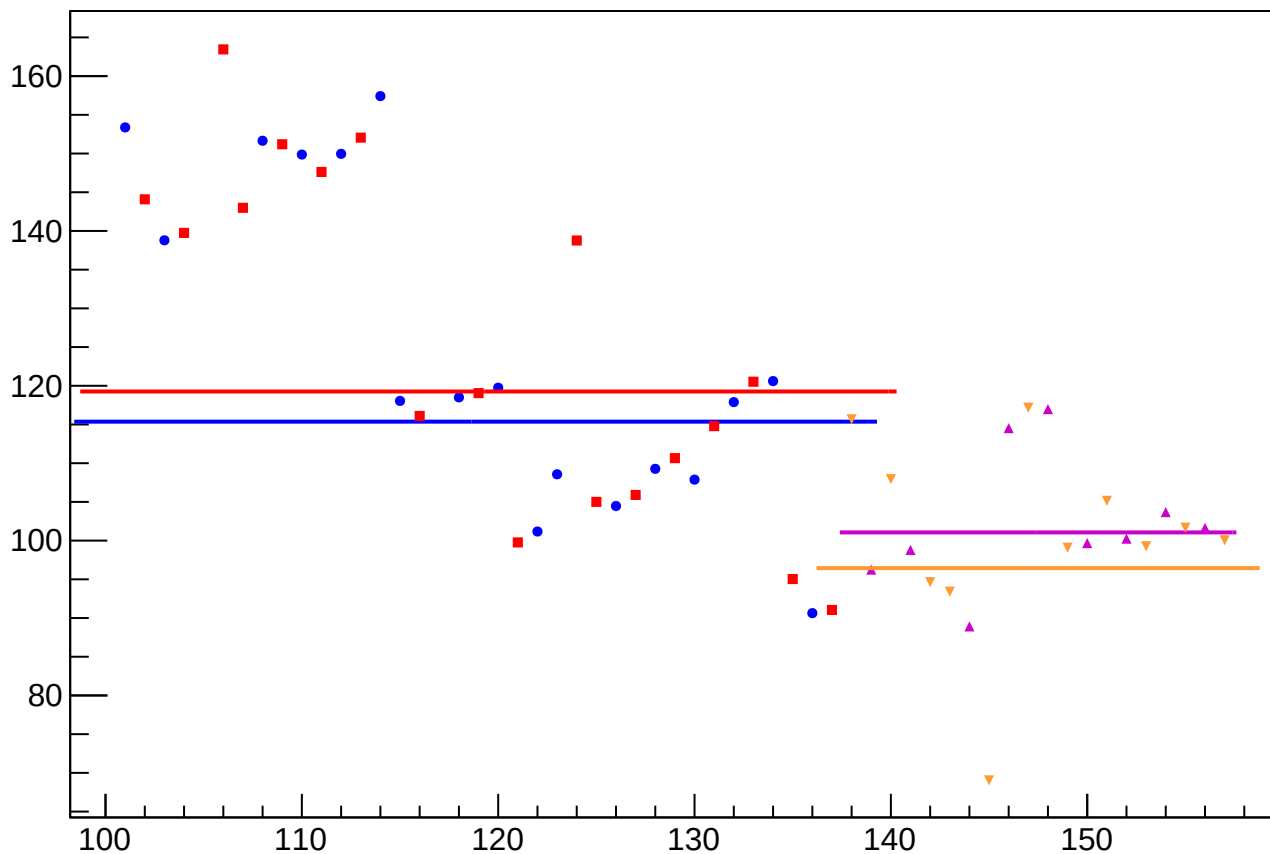
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 51.189 ± 28.820 $\chi^2/\text{NDF}: 20.1/25$

Out: 20.847 ± 27.270 $\chi^2/\text{NDF}: 31.4/28$

All: 35.180 ± 19.808 $\chi^2/\text{NDF}: 52.0/54$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 96.447 $\pm$ 0.024 χ^2 /NDF: 369917.3/10

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.058 $\pm$ 0.026 χ^2 /NDF: 88268.7/8

Left: 98.534 $\pm$ 0.018 χ^2 /NDF: 474858.6/19

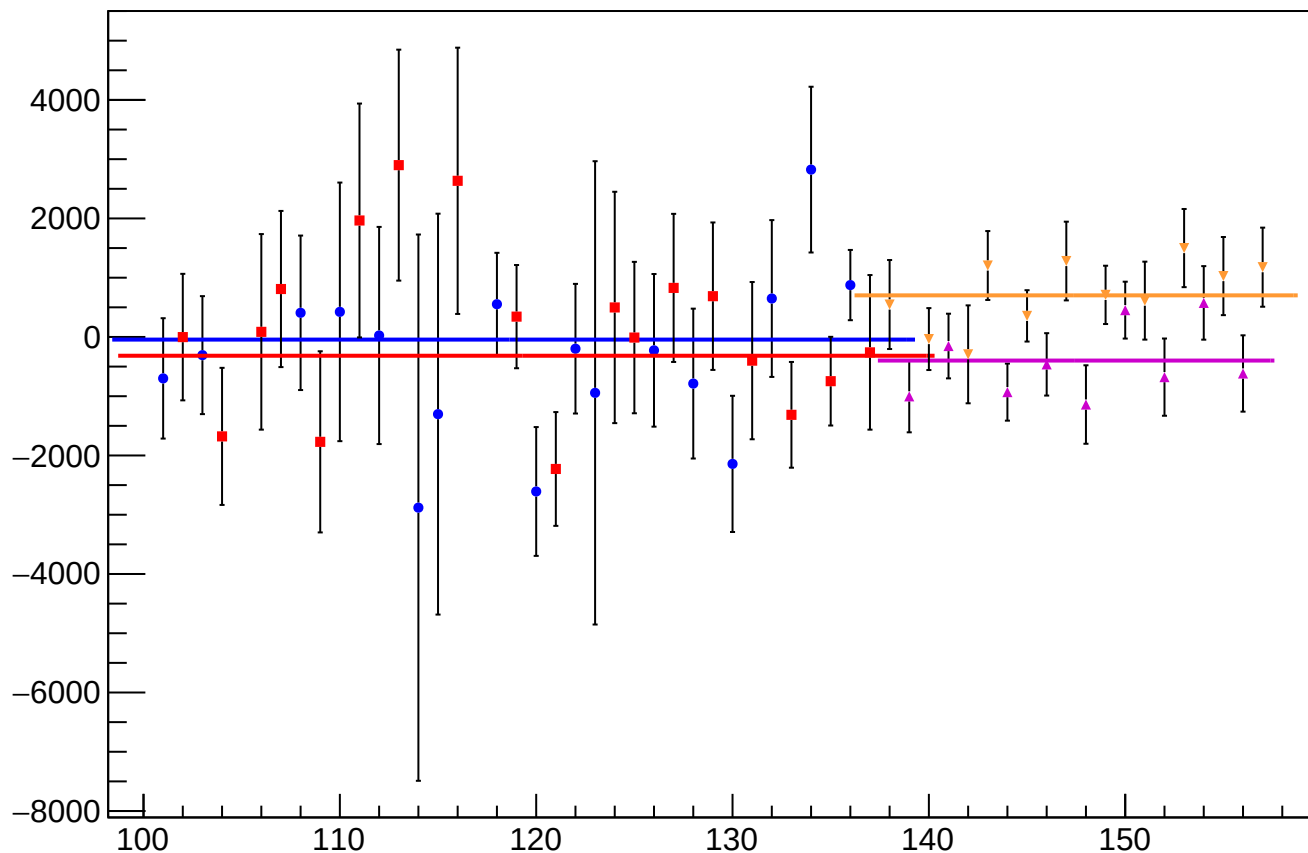
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.854 $\pm$ 0.020 χ^2 /NDF: 618422.6/25

Out: 104.567 $\pm$ 0.019 χ^2 /NDF: 1089173.0/28

All: 105.648 $\pm$ 0.014 χ^2 /NDF: 1714237.9/54

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 702.026 ± 180.371 χ^2/NDF : 7.9/10

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -398.310 ± 189.055 χ^2/NDF : 9.6/8

Left: 177.709 ± 130.504 χ^2/NDF : 35.2/19

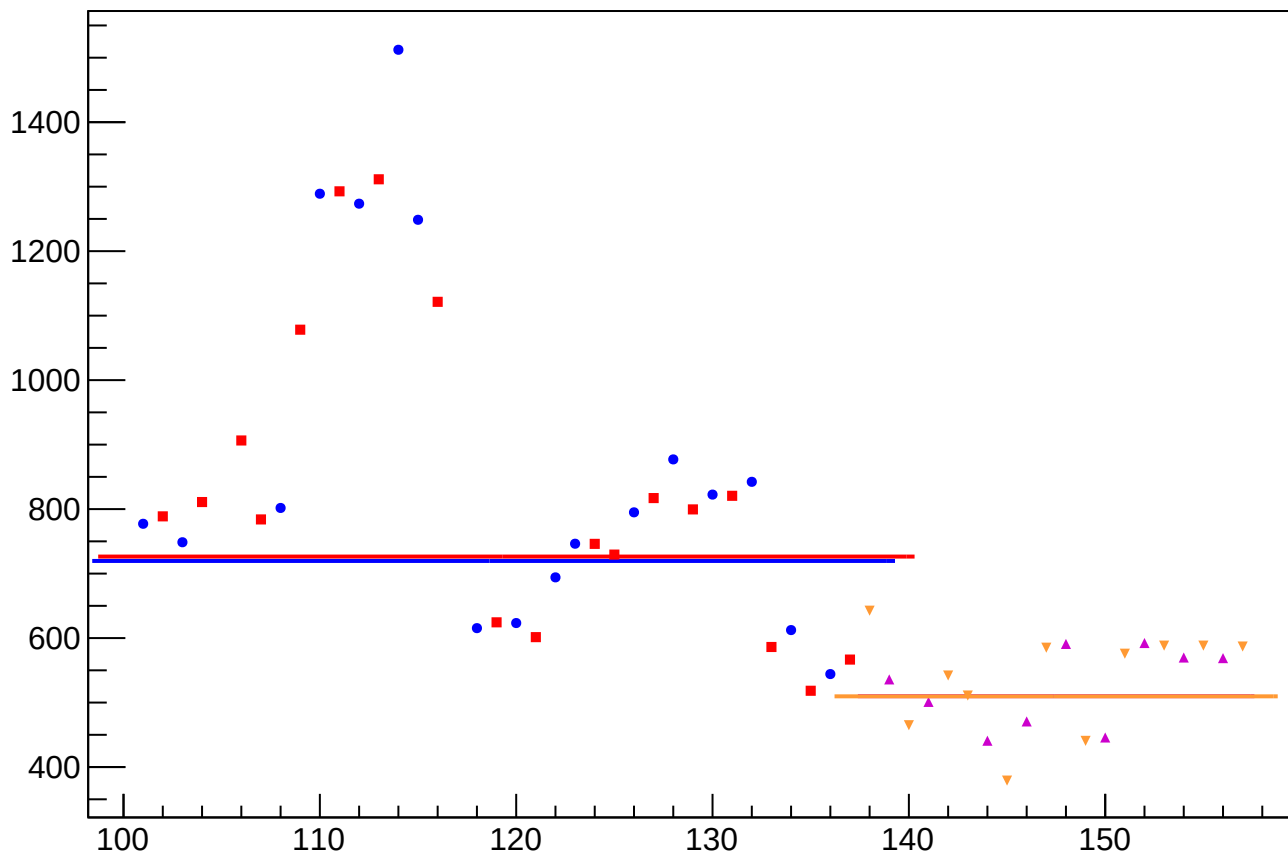
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -290.885 ± 157.760 χ^2/NDF : 28.5/25

Out: 407.830 ± 152.121 χ^2/NDF : 33.9/28

All: 71.182 ± 109.505 χ^2/NDF : 72.6/54

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606+/-0.202 χ^2/NDF : 746949.1/16

Left Out: 509.665+/-0.128 χ^2/NDF : 431216.9/10

Right Out: 726.397+/-0.200 χ^2/NDF : 880989.6/17

Left In: 509.937+/-0.134 χ^2/NDF : 189450.0/8

Left: 509.794+/-0.092 χ^2/NDF : 620669.1/19

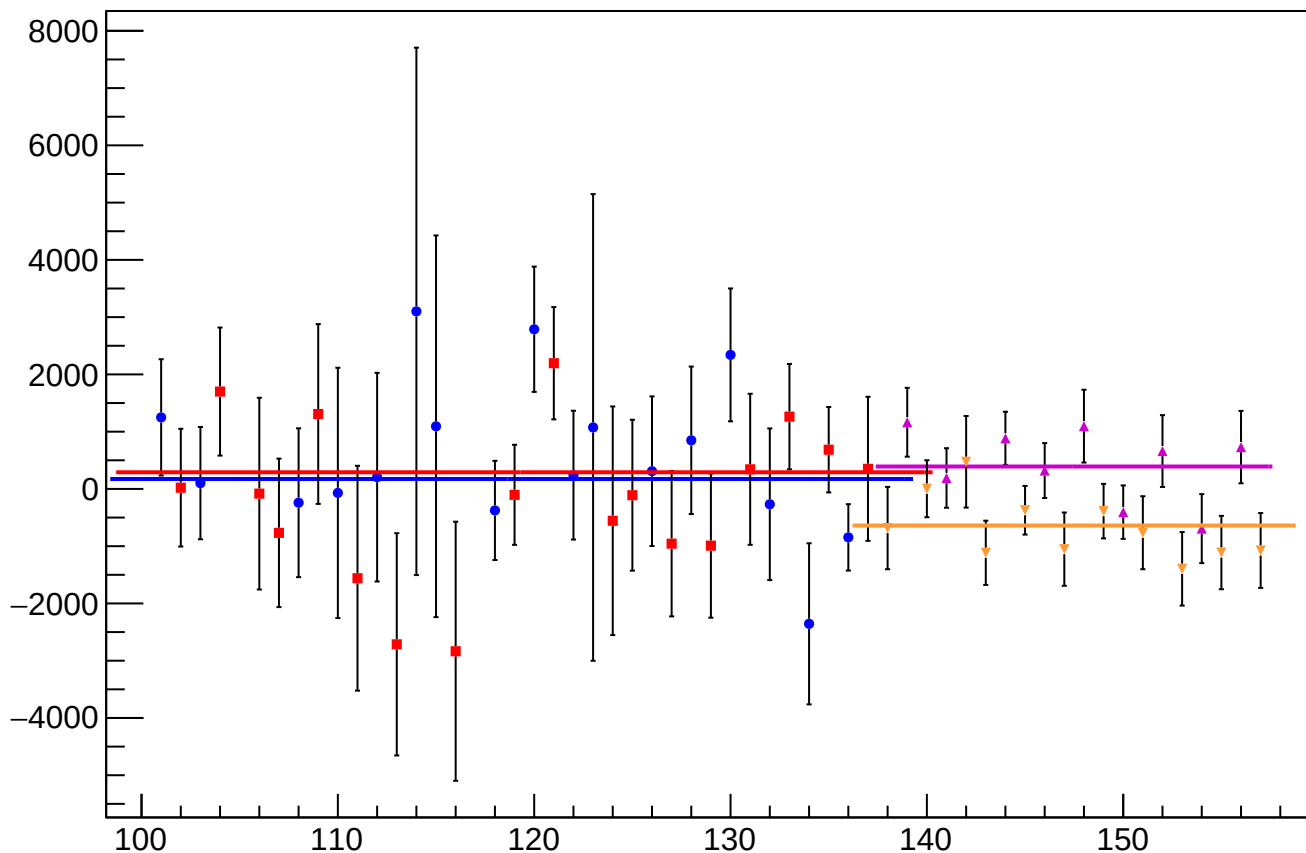
Right: 723.039+/-0.142 χ^2/NDF : 1628507.7/34

In: 573.606+/-0.112 χ^2/NDF : 1683398.7/25

Out: 572.237+/-0.108 χ^2/NDF : 2145897.1/28

All: 572.897+/-0.077 χ^2/NDF : 3829373.8/54

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -639.213 $\pm$ 174.672 χ^2 /NDF: 7.8/10

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 391.561 $\pm$ 181.582 χ^2 /NDF: 10.8/8

Left: -143.813 $\pm$ 125.884 χ^2 /NDF: 35.4/19

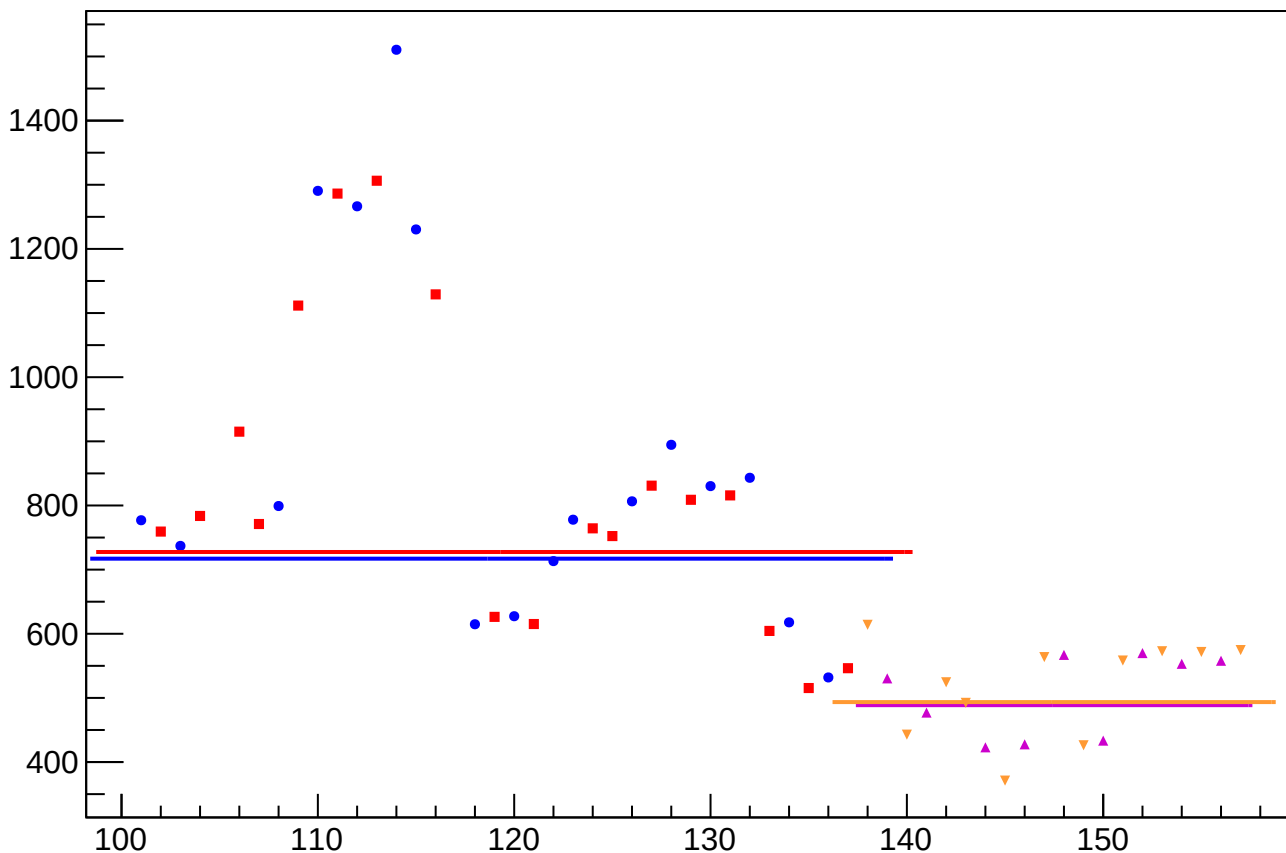
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 328.720 $\pm$ 153.245 χ^2 /NDF: 29.3/25

Out: -383.372 $\pm$ 148.718 χ^2 /NDF: 31.3/28

All: -37.999 $\pm$ 106.724 χ^2 /NDF: 71.7/54

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 493.501 $\pm$ 0.124 χ^2/NDF : 421685.6/10

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 488.700 $\pm$ 0.128 χ^2/NDF : 222137.0/8

Left: 491.194 $\pm$ 0.089 χ^2/NDF : 644548.6/19

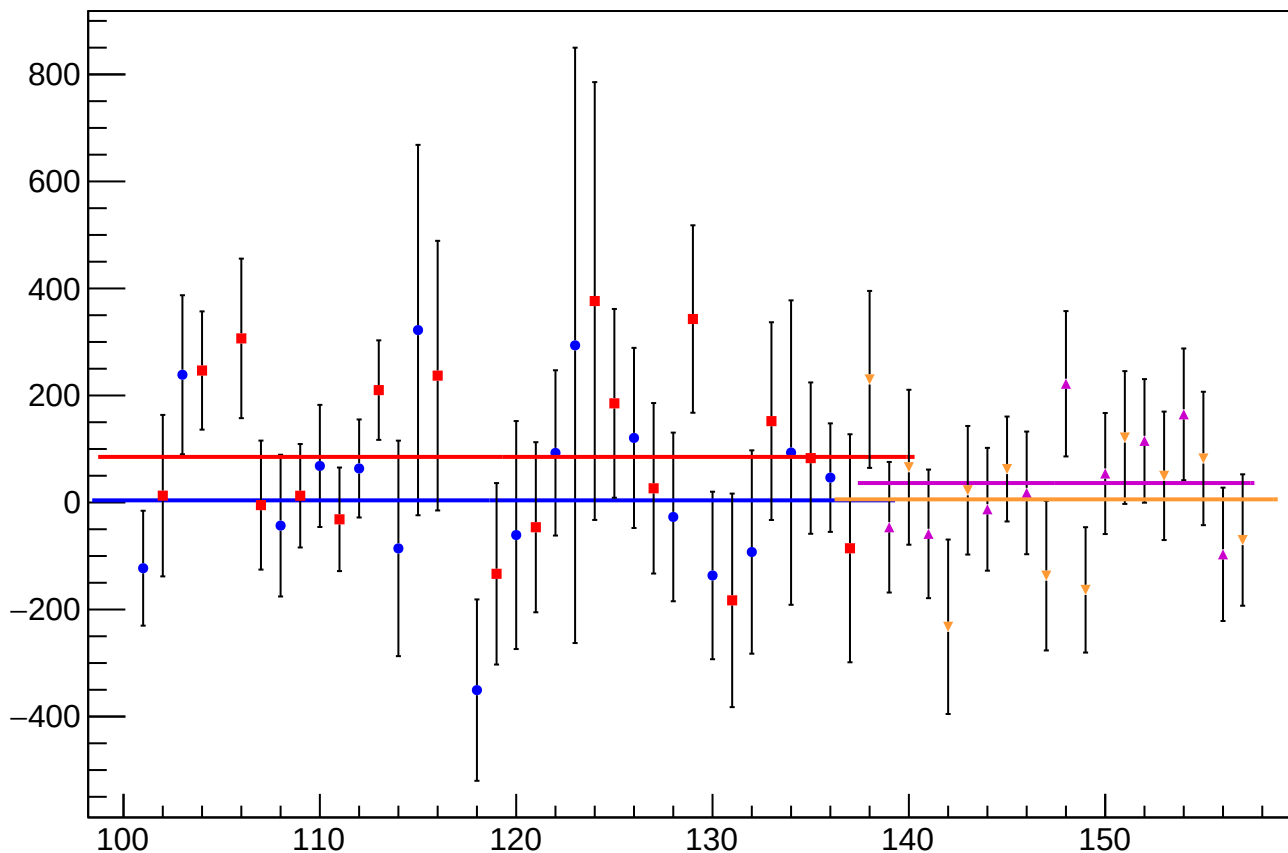
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 554.420 $\pm$ 0.108 χ^2/NDF : 1915009.7/25

Out: 557.870 $\pm$ 0.105 χ^2/NDF : 2290037.6/28

All: 556.197 $\pm$ 0.075 χ^2/NDF : 4205569.2/54

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: 5.881 ± 38.229 $\chi^2/\text{NDF}: 9.4/10$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 36.370 ± 39.958 $\chi^2/\text{NDF}: 5.9/8$

Left: 20.452 ± 27.623 $\chi^2/\text{NDF}: 15.6/19$

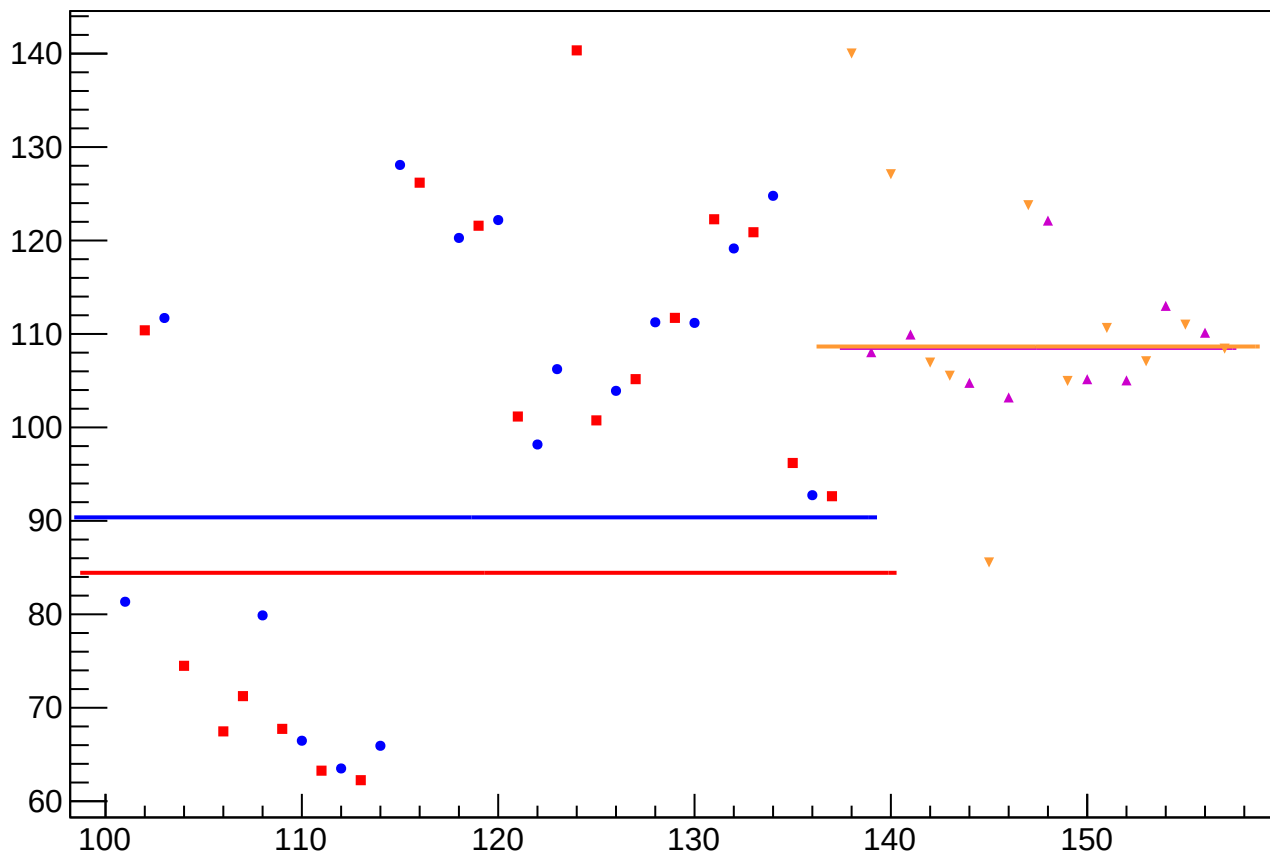
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 18.487 ± 26.726 $\chi^2/\text{NDF}: 19.0/25$

Out: 50.852 ± 25.158 $\chi^2/\text{NDF}: 29.2/28$

All: 35.646 ± 18.319 $\chi^2/\text{NDF}: 48.9/54$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 108.657 $\pm$ 0.027 χ^2/NDF : 243934.1/10

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

Left In: 108.507 $\pm$ 0.028 χ^2/NDF : 33410.6/8

Left: 108.585 $\pm$ 0.020 χ^2/NDF : 277359.5/19

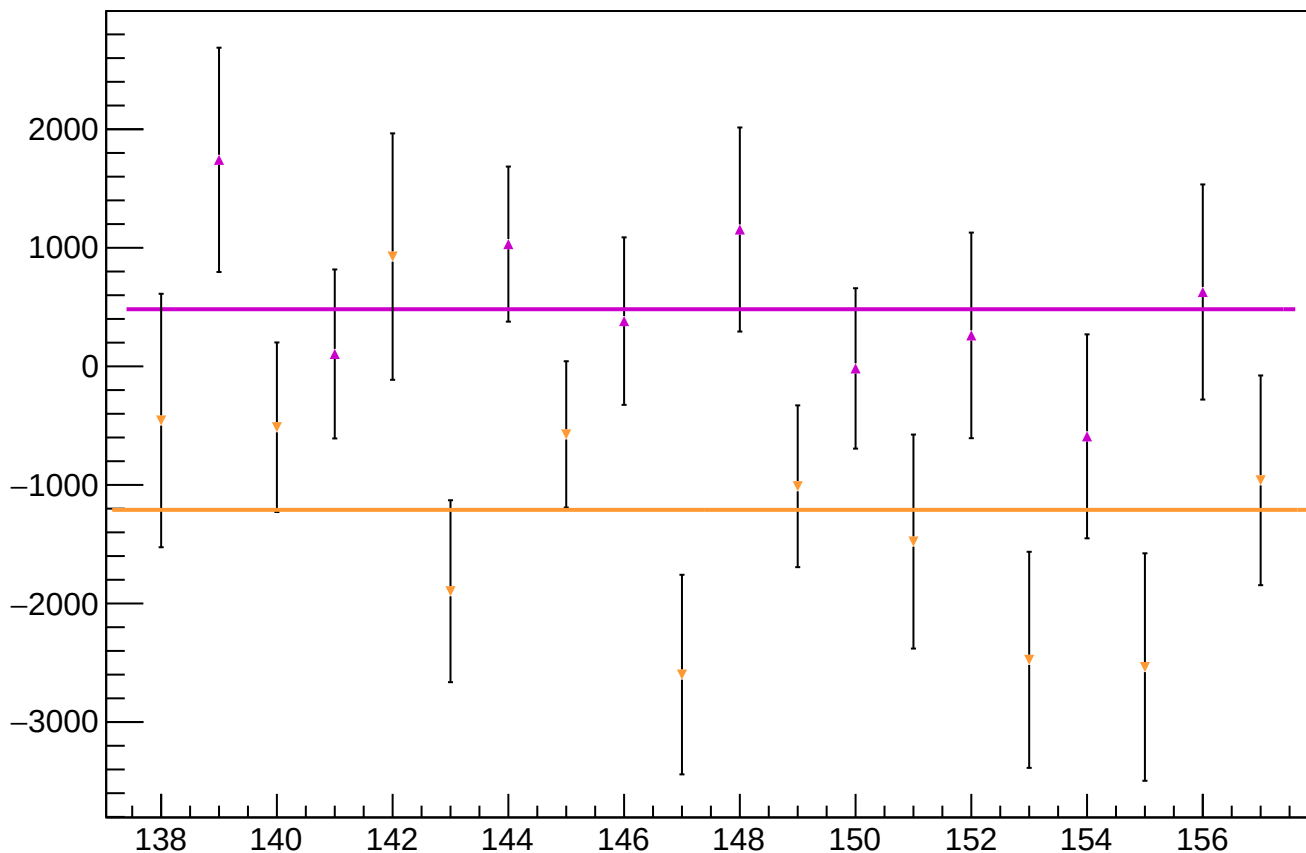
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 98.486 $\pm$ 0.019 χ^2/NDF : 915134.8/25

Out: 94.929 $\pm$ 0.018 χ^2/NDF : 1569688.9/28

All: 96.600 $\pm$ 0.013 χ^2/NDF : 2503611.1/54

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 481.886+/-259.410 χ^2/NDF :5.6/8

Left: -406.883+/-178.741 χ^2/NDF : 42.3/19

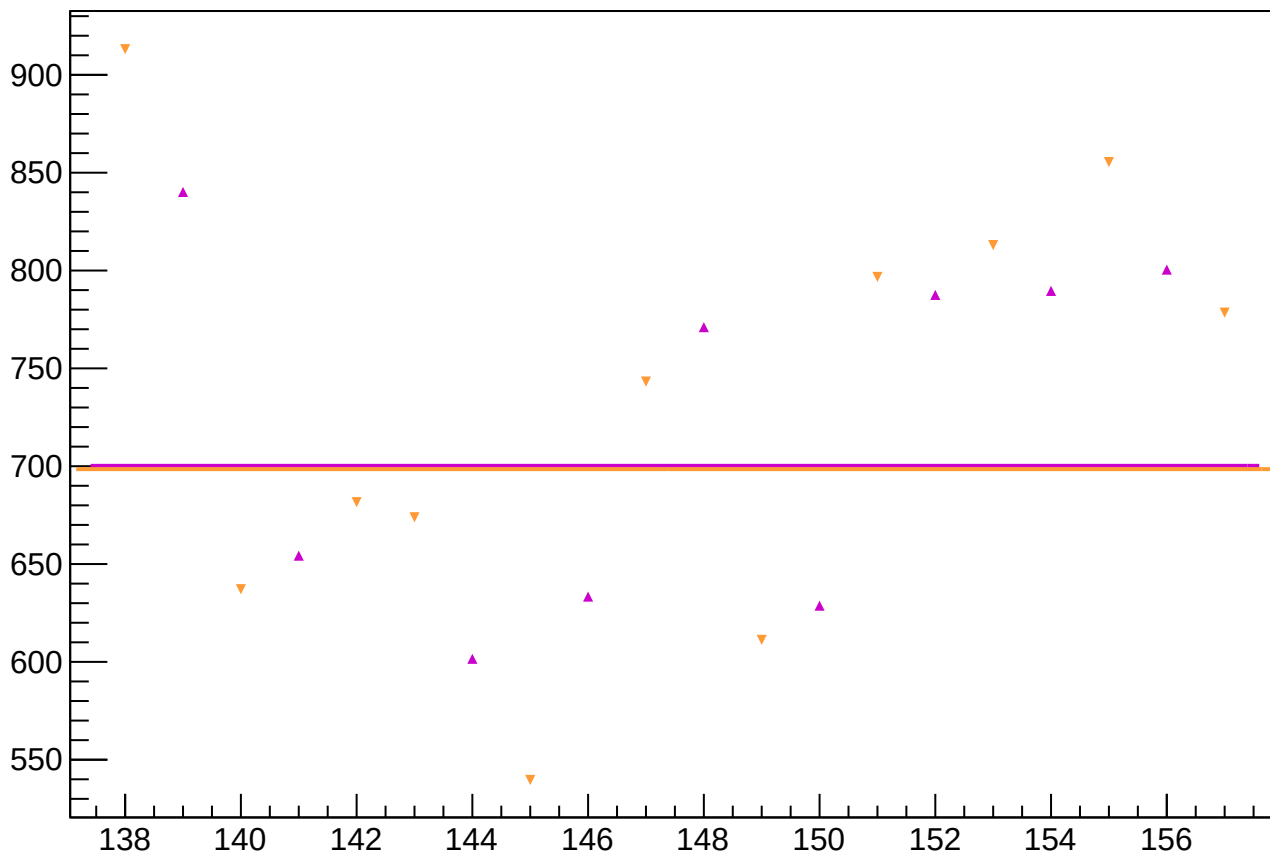
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.886+/-259.410 χ^2/NDF :5.6/8

Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

All: -406.883+/-178.741 χ^2/NDF : 42.3/19

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 700.188+/-0.183 χ^2/NDF :217671.7/8

Left: 699.305+/-0.126 χ^2/NDF : 611754.5/19

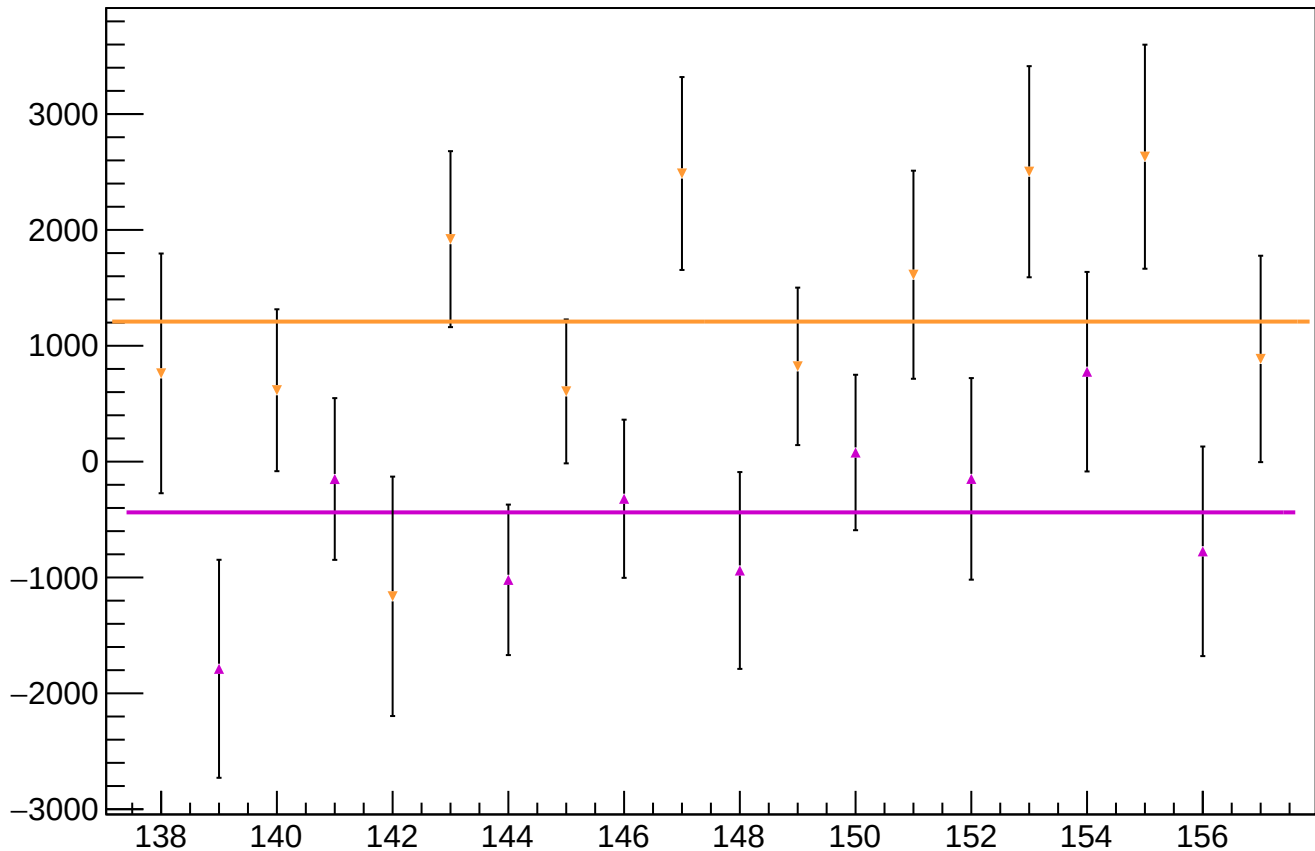
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 700.188+/-0.183 χ^2/NDF :217671.7/8

Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

All: 699.305+/-0.126 χ^2/NDF : 611754.5/19

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -438.031+/-256.508 χ^2/NDF :6.2/8

Left: 422.390+/-177.259 χ^2/NDF : 43.0/19

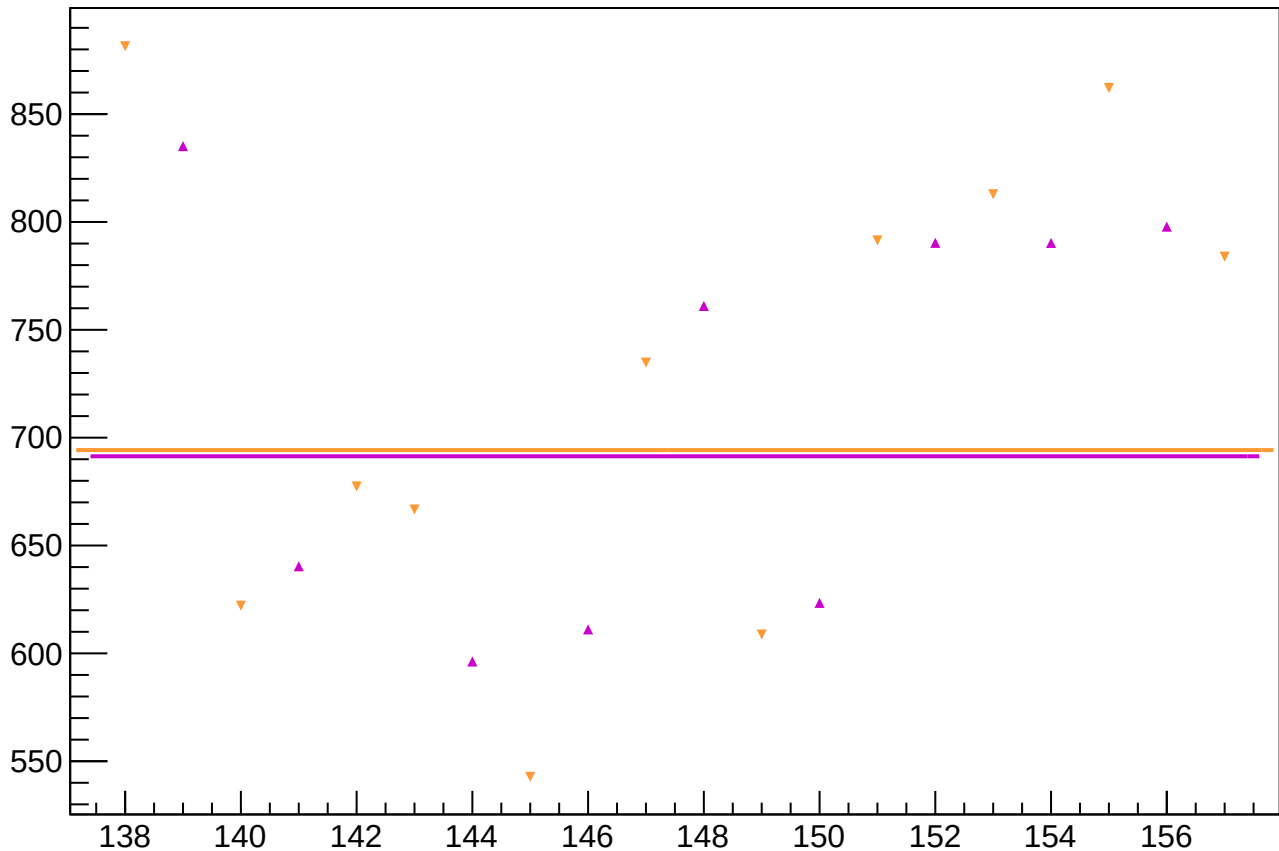
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -438.031+/-256.508 χ^2/NDF :6.2/8

Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

All: 422.390+/-177.259 χ^2/NDF : 43.0/19

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 691.366+/-0.181 χ^2/NDF :241901.6/8

Left: 692.873+/-0.125 χ^2/NDF : 625262.3/19

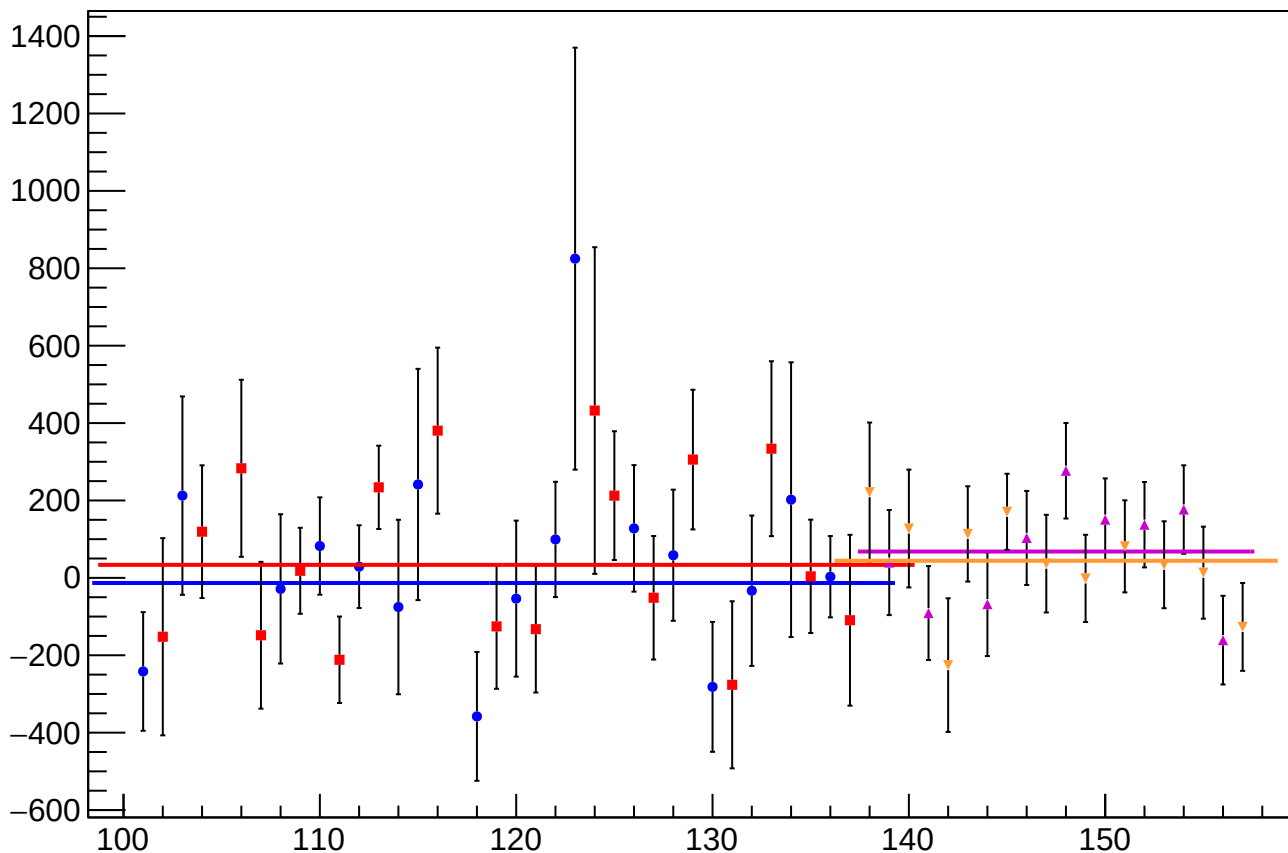
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 691.366+/-0.181 χ^2/NDF :241901.6/8

Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

All: 692.873+/-0.125 χ^2/NDF : 625262.3/19

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 44.223 ± 37.348 $\chi^2/\text{NDF}: 8.3/10$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 68.048 ± 39.713 $\chi^2/\text{NDF}: 11.6/8$

Left: 55.405 ± 27.207 $\chi^2/\text{NDF}: 20.1/19$

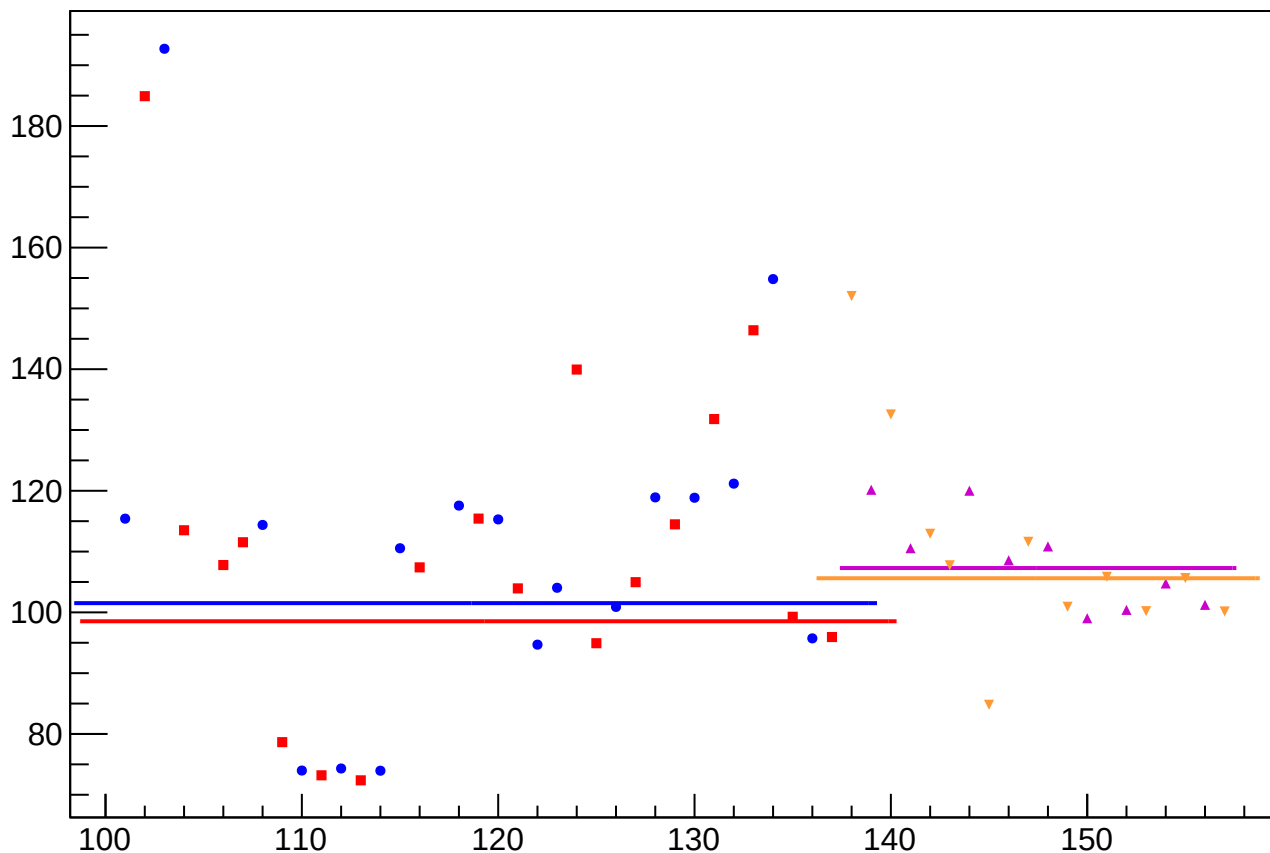
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 28.268 ± 28.374 $\chi^2/\text{NDF}: 29.4/25$

Out: 39.144 ± 26.938 $\chi^2/\text{NDF}: 33.0/28$

All: 33.988 ± 19.536 $\chi^2/\text{NDF}: 62.5/54$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 χ^2/NDF : 681713.7/16

Left Out: 105.613 ± 0.026 χ^2/NDF : 306849.9/10

Right Out: 98.537 ± 0.028 χ^2/NDF : 746979.4/17

Left In: 107.293 ± 0.028 χ^2/NDF : 65664.2/8

Left: 106.401 ± 0.019 χ^2/NDF : 374412.8/19

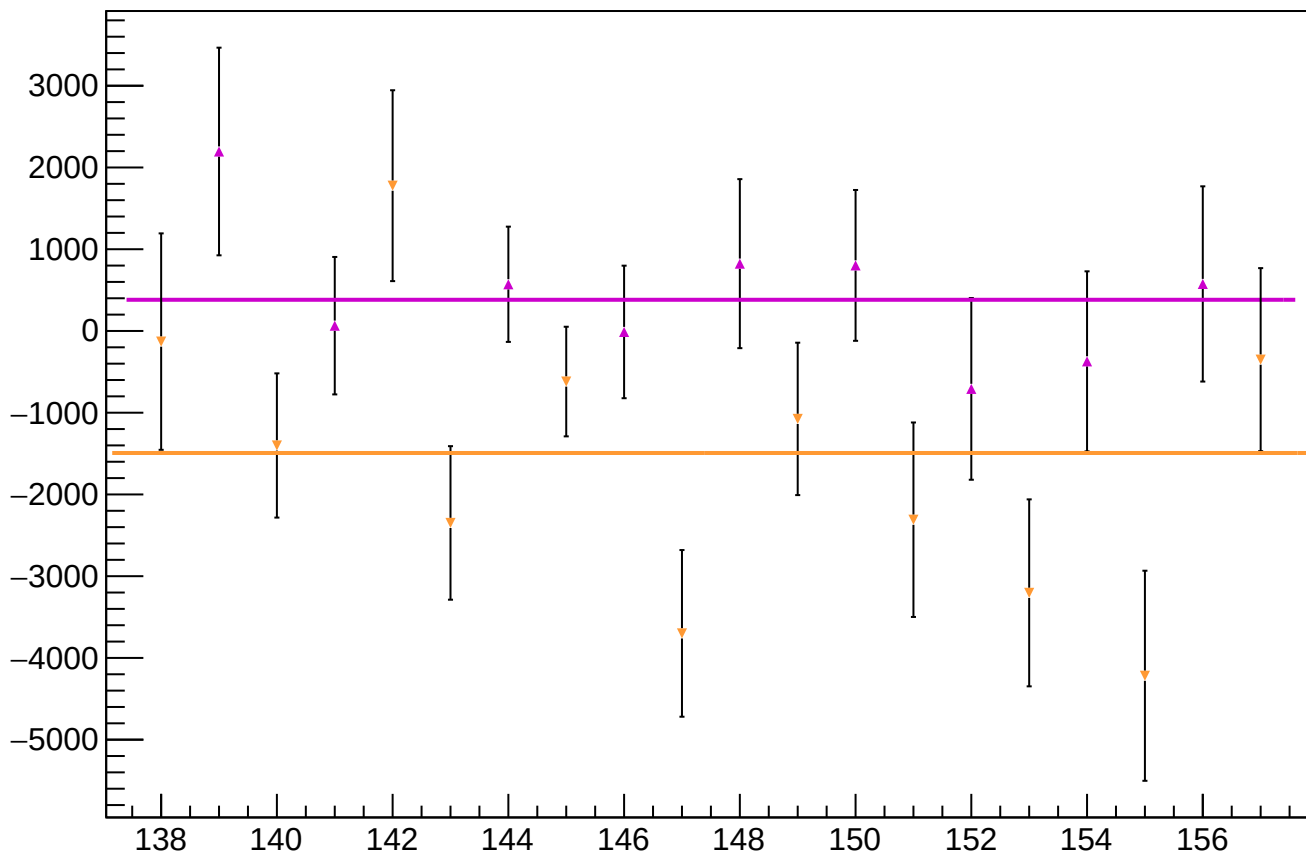
Right: 99.965 ± 0.020 χ^2/NDF : 1434328.3/34

In: 104.466 ± 0.020 χ^2/NDF : 768071.6/25

Out: 102.218 ± 0.019 χ^2/NDF : 1088276.4/28

All: 103.284 ± 0.014 χ^2/NDF : 1862953.4/54

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.534+/-316.030 χ^2/NDF : 4.3/8

Left: -596.837+/-218.500 χ^2/NDF : 47.3/19

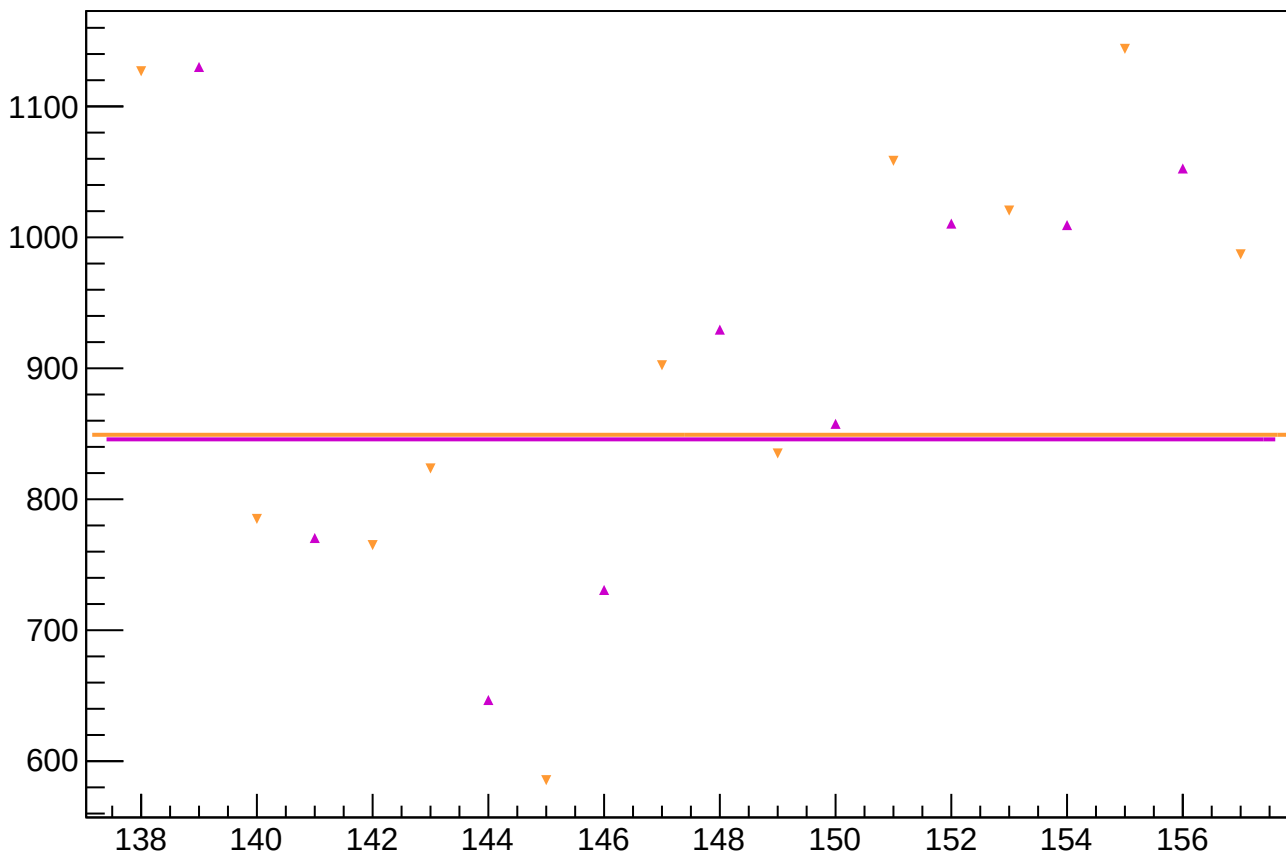
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.534+/-316.030 χ^2/NDF : 4.3/8

Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

All: -596.837+/-218.500 χ^2/NDF : 47.3/19

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 849.244+/-0.214 χ^2/NDF :667896.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 845.747+/-0.223 χ^2/NDF :477504.7/8

Left: 847.572+/-0.155 χ^2/NDF : 1145528.5/19

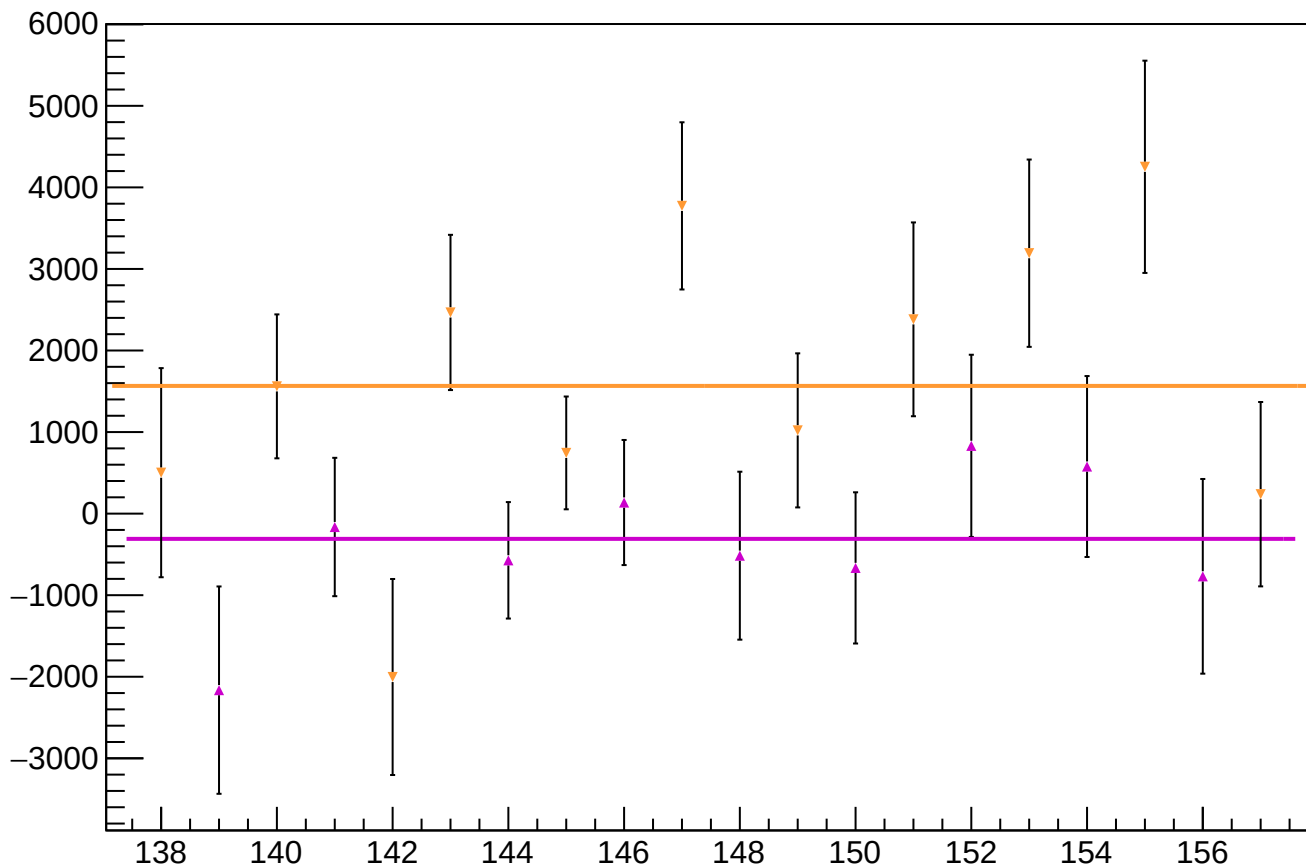
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 845.747+/-0.223 χ^2/NDF :477504.7/8

Out: 849.244+/-0.214 χ^2/NDF :667896.0/10

All: 847.572+/-0.155 χ^2/NDF : 1145528.5/19

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -309.481+/-314.754 χ^2/NDF :4.6/8

Left: 655.252+/-219.332 χ^2/NDF : 47.8/19

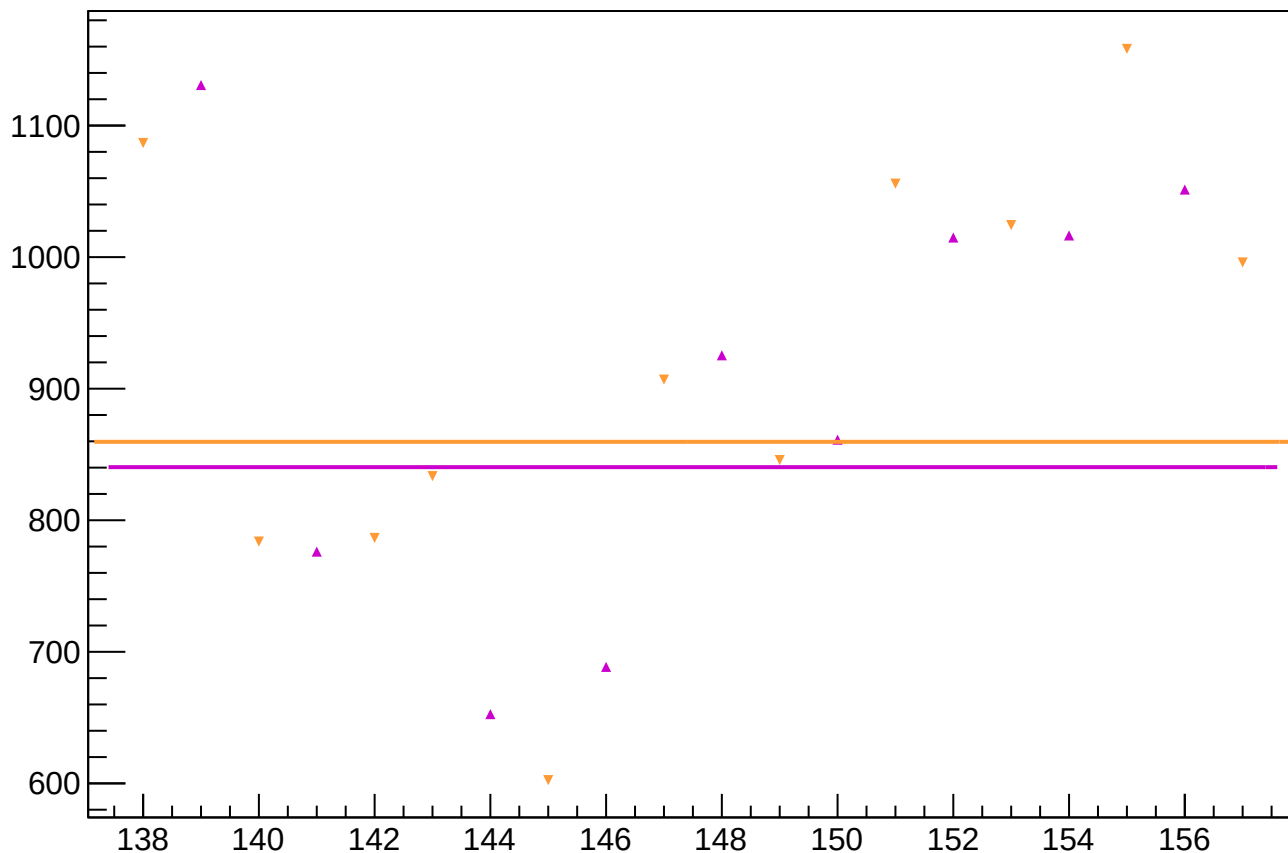
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -309.481+/-314.754 χ^2/NDF :4.6/8

Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

All: 655.252+/-219.332 χ^2/NDF : 47.8/19

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 840.364+/-0.223 χ^2/NDF : 508851.3/8

Left: 850.272+/-0.155 χ^2/NDF : 1110574.3/19

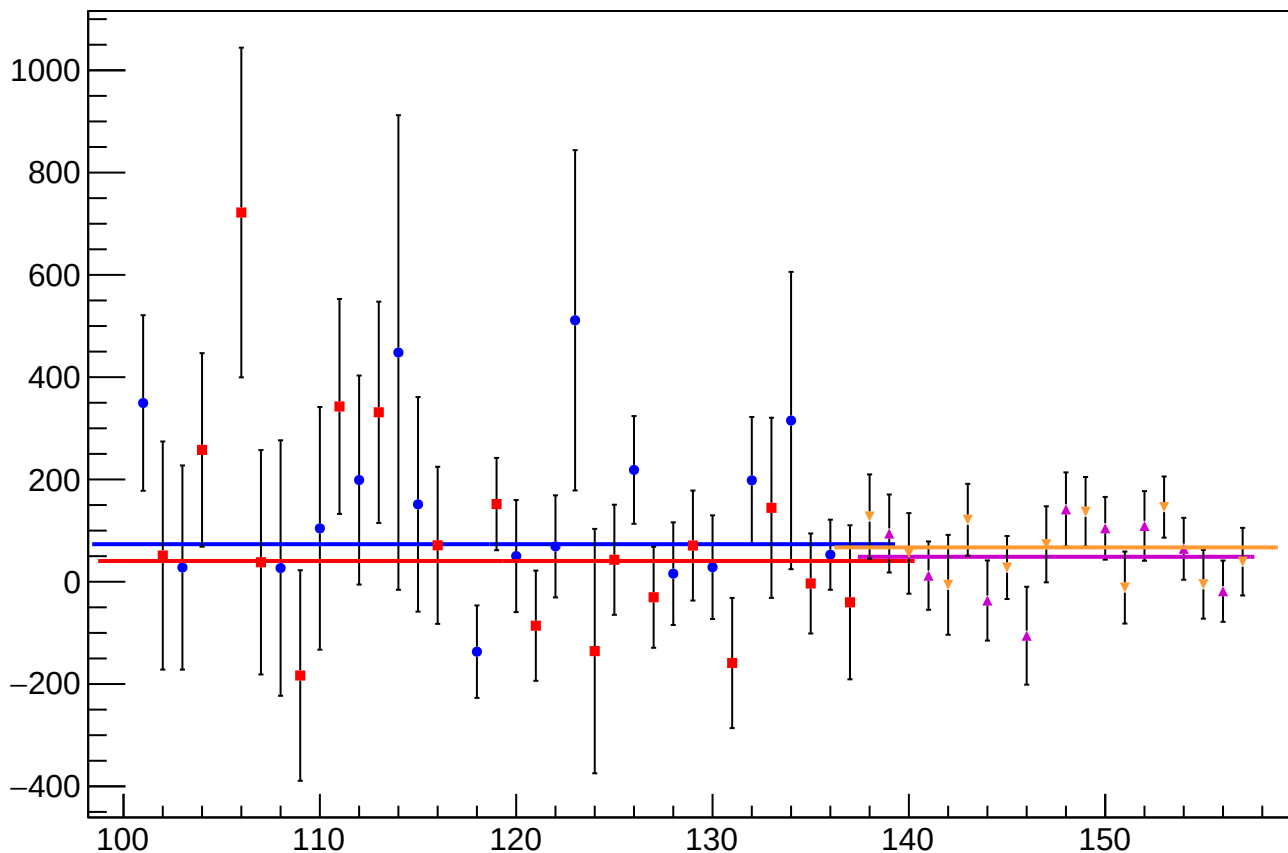
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 840.364+/-0.223 χ^2/NDF : 508851.3/8

Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

All: 850.272+/-0.155 χ^2/NDF : 1110574.3/19

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 67.163 $\pm$ 21.278 χ^2 /NDF: 7.5/10

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 48.778 $\pm$ 22.983 χ^2 /NDF: 9.0/8

Left: 58.678 $\pm$ 15.614 χ^2 /NDF: 16.9/19

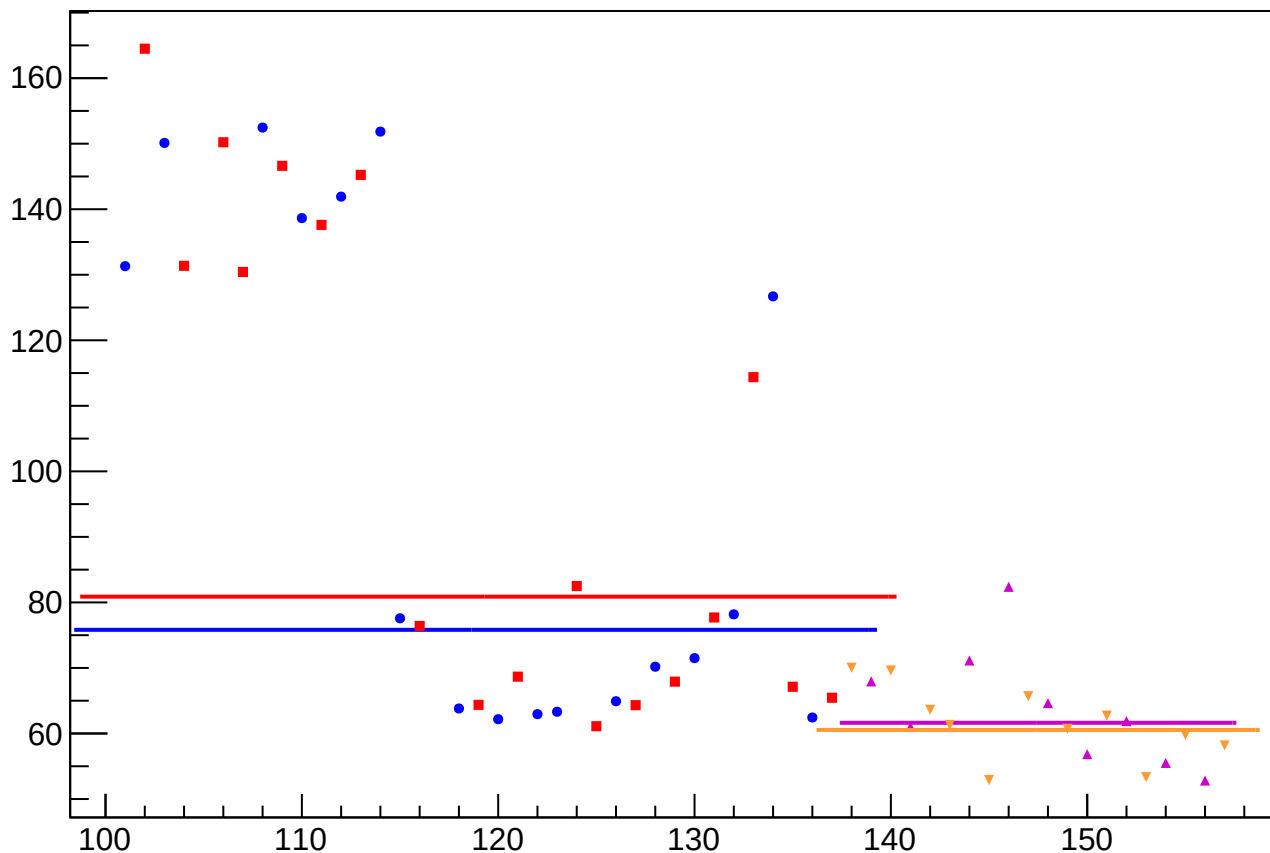
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 57.506 $\pm$ 18.475 χ^2 /NDF: 24.7/25

Out: 59.275 $\pm$ 17.842 χ^2 /NDF: 26.2/28

All: 58.422 $\pm$ 12.834 χ^2 /NDF: 50.9/54

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 60.544 $\pm$ 0.015 χ^2 /NDF: 129404.7/10

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 61.633 $\pm$ 0.016 χ^2 /NDF: 216768.4/8

Left: 61.046 $\pm$ 0.011 χ^2 /NDF: 348591.7/19

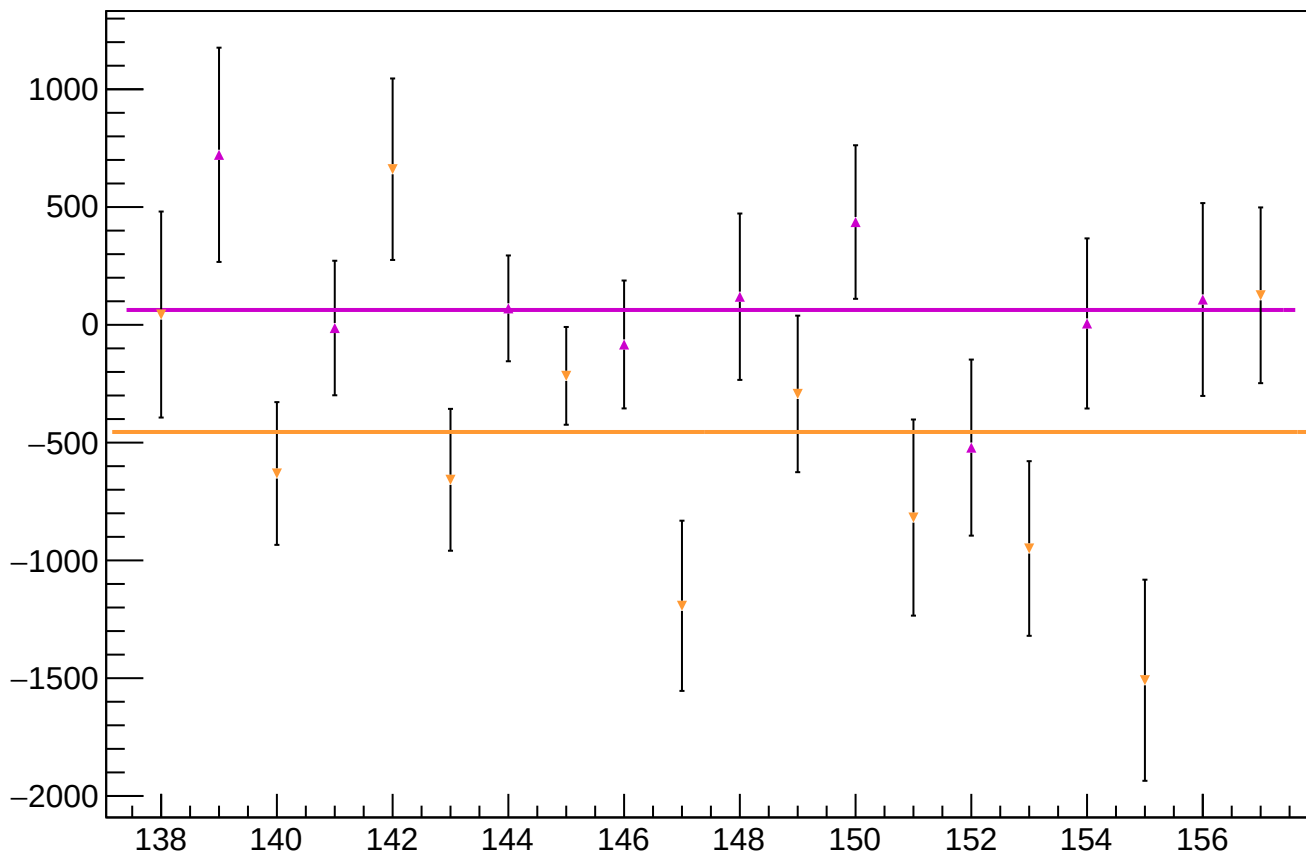
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 66.652 $\pm$ 0.013 χ^2 /NDF: 1836354.9/25

Out: 66.582 $\pm$ 0.013 χ^2 /NDF: 2197912.5/28

All: 66.616 $\pm$ 0.009 χ^2 /NDF: 4034282.4/54

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -454.851+/-100.225 χ^2/NDF : 27.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 63.102+/-106.162 χ^2/NDF : 6.3/8

Left: -210.764+/-72.878 χ^2/NDF : 46.1/19

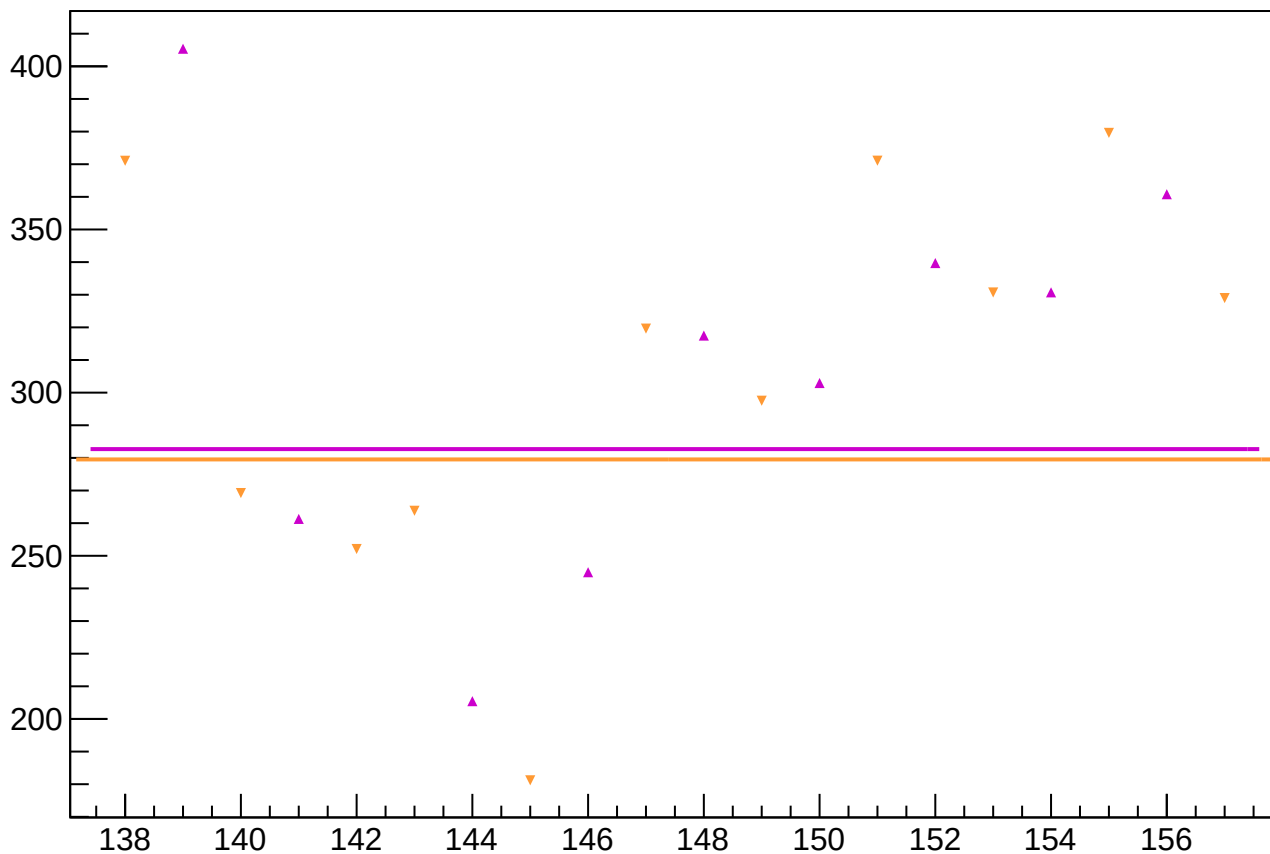
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.102+/-106.162 χ^2/NDF : 6.3/8

Out: -454.851+/-100.225 χ^2/NDF : 27.3/10

All: -210.764+/-72.878 χ^2/NDF : 46.1/19

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 282.696+/-0.075 χ^2/NDF :613992.7/8

Left: 281.022+/-0.052 χ^2/NDF : 1479954.8/19

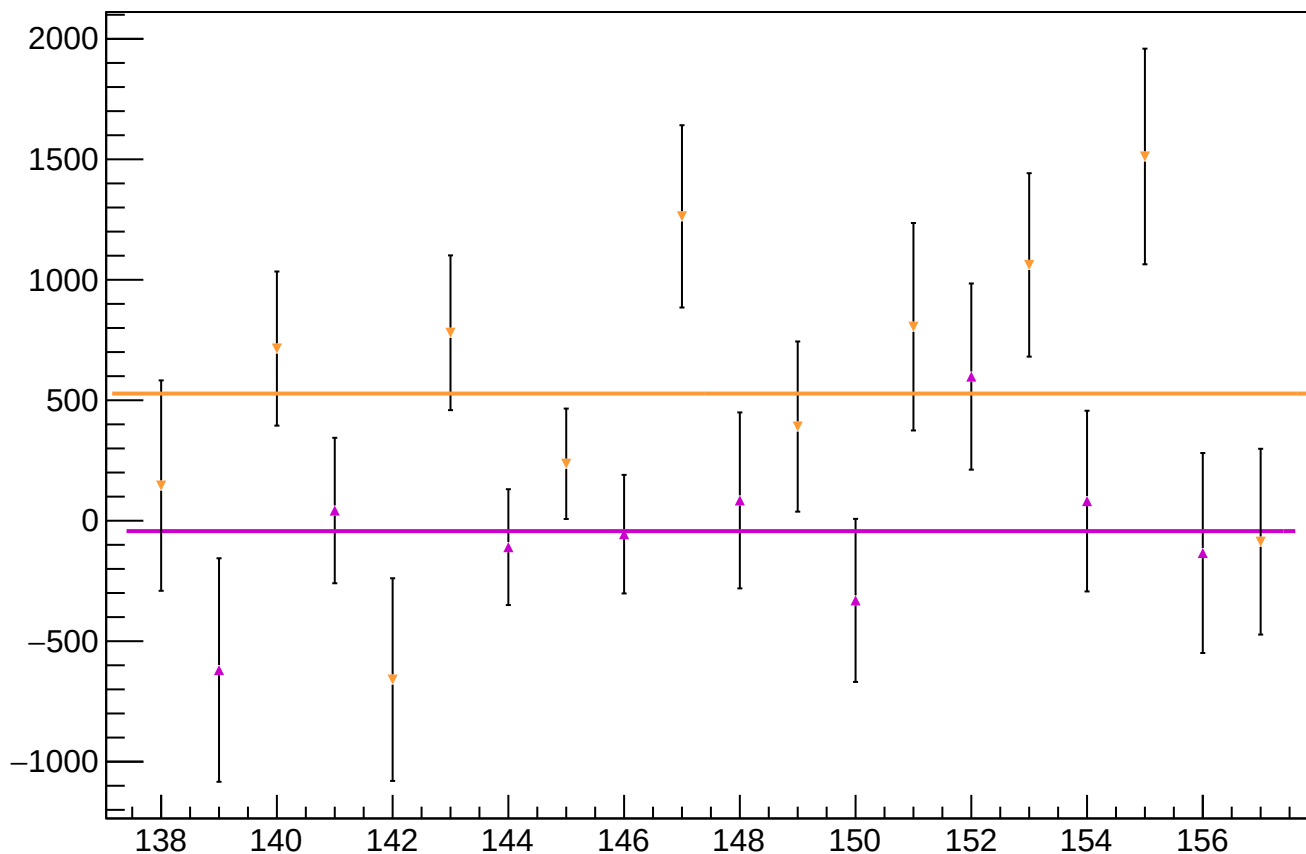
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 282.696+/-0.075 χ^2/NDF :613992.7/8

Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

All: 281.022+/-0.052 χ^2/NDF : 1479954.8/19

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 527.824+/-106.333 χ^2/NDF :25.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.121+/-108.277 χ^2/NDF :5.5/8

Left: 247.523+/-75.867 χ^2/NDF : 44.6/19

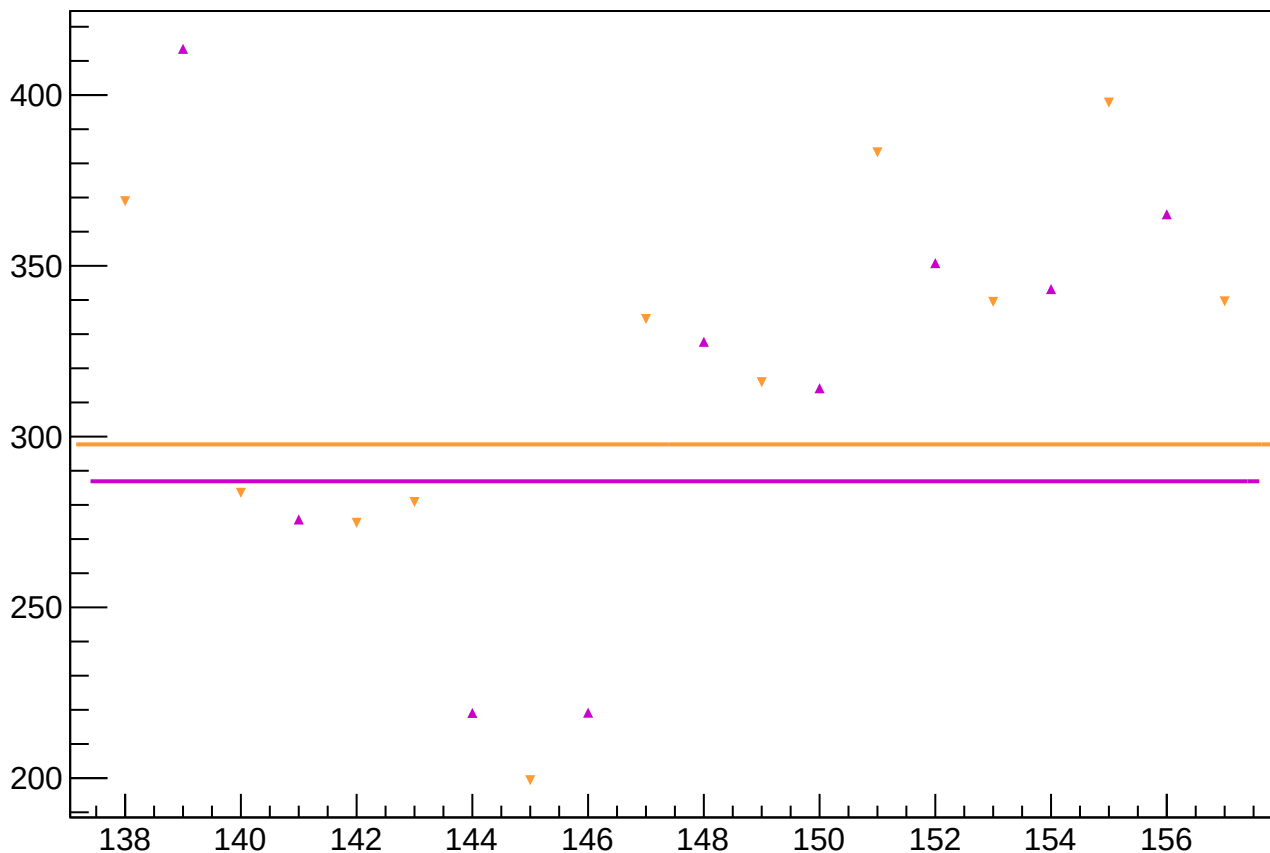
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.121+/-108.277 χ^2/NDF :5.5/8

Out: 527.824+/-106.333 χ^2/NDF :25.0/10

All: 247.523+/-75.867 χ^2/NDF : 44.6/19

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.917+/-0.077 χ^2/NDF : 671285.2/8

Left: 292.418+/-0.054 χ^2/NDF : 1369174.7/19

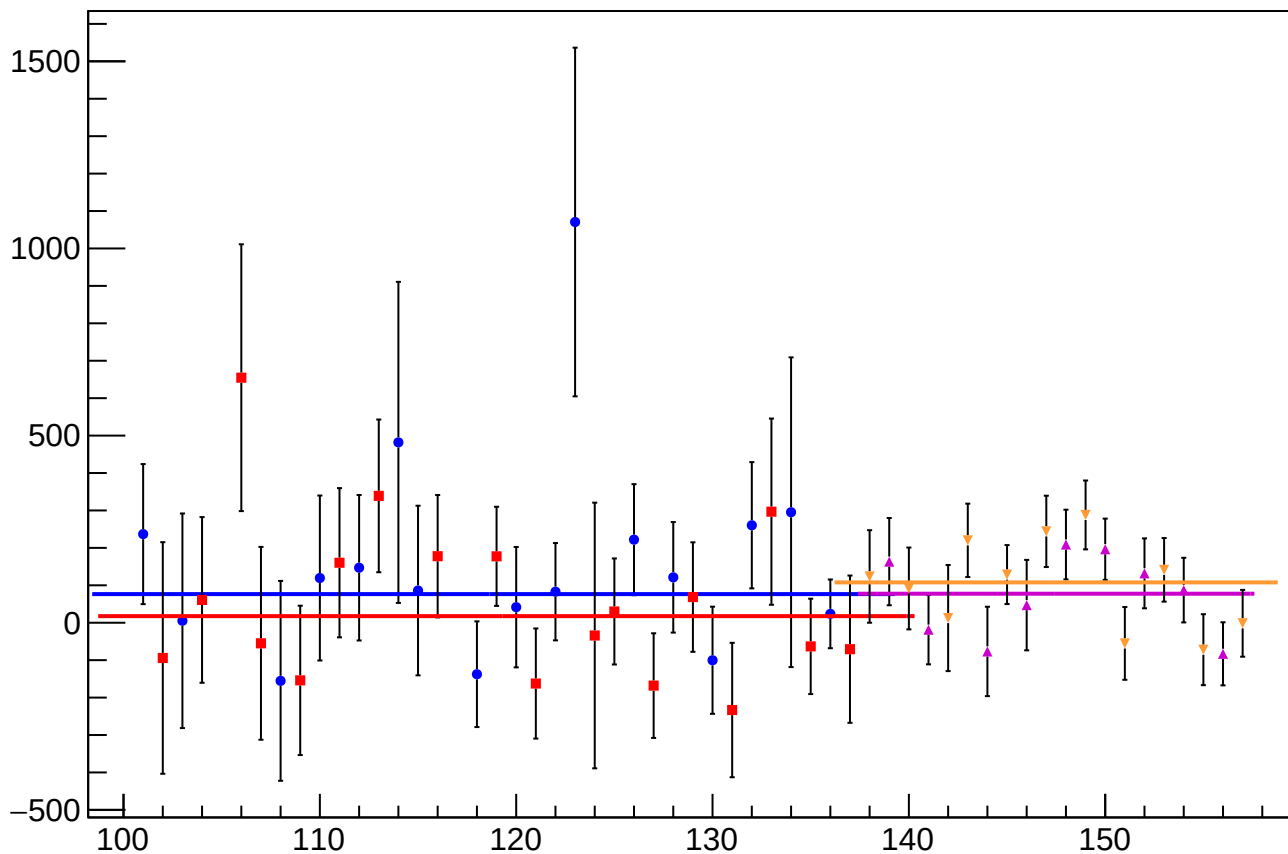
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.917+/-0.077 χ^2/NDF : 671285.2/8

Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

All: 292.418+/-0.054 χ^2/NDF : 1369174.7/19

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 107.780 $\pm$ 29.192 χ^2 /NDF:15.8/10

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 77.535 $\pm$ 31.891 χ^2 /NDF:11.4/8

Left: 93.991 $\pm$ 21.533 χ^2 /NDF: 27.8/19

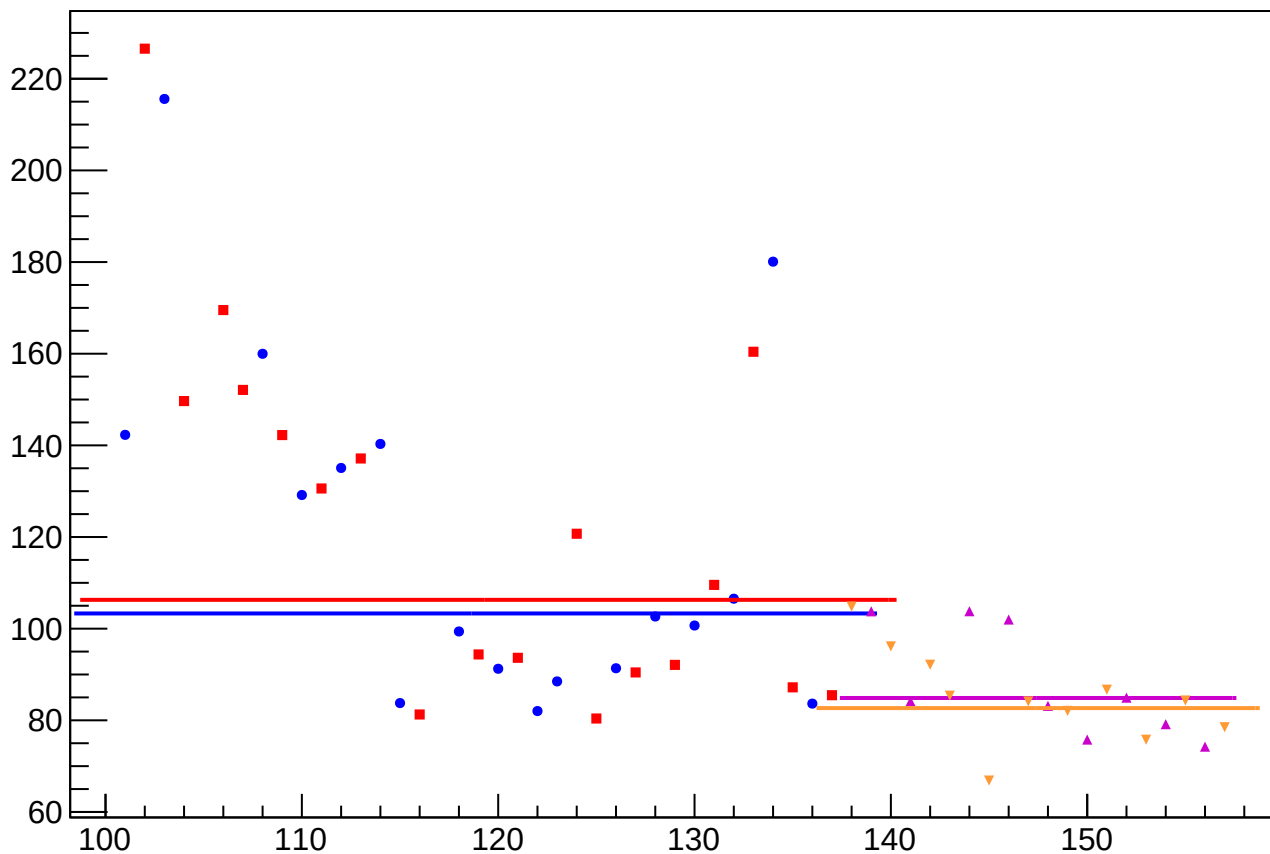
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 77.152 $\pm$ 25.300 χ^2 /NDF:25.3/25

Out: 78.686 $\pm$ 24.026 χ^2 /NDF:35.7/28

All: 77.959 $\pm$ 17.422 χ^2 /NDF: 61.1/54

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: 82.668 $\pm$ 0.021 χ^2/NDF :207722.0/10

Right Out: 106.289 $\pm$ 0.030 χ^2/NDF : 1000708.3/17

Left In: 84.873 $\pm$ 0.023 χ^2/NDF :209029.2/8

Left: 83.673 $\pm$ 0.015 χ^2/NDF : 421955.0/19

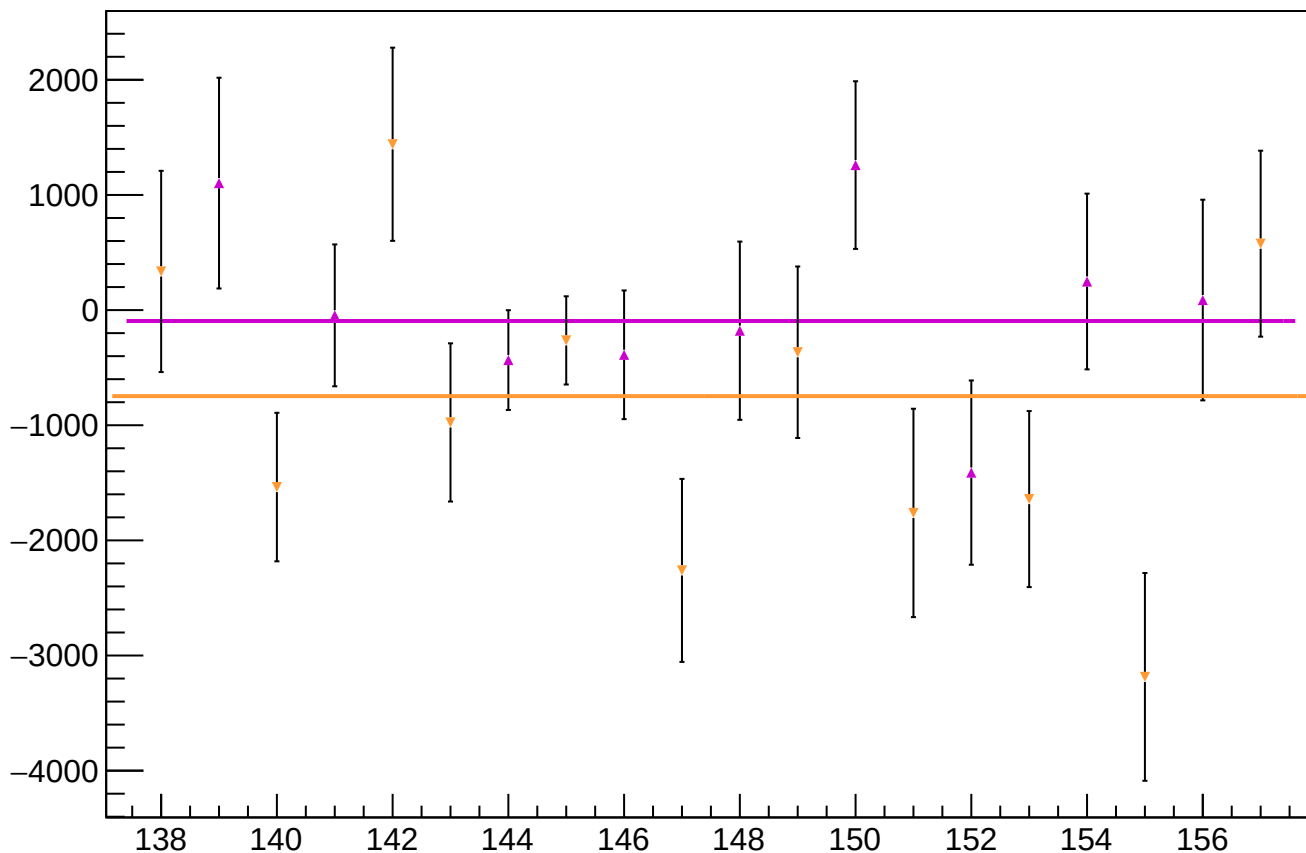
Right: 104.777 $\pm$ 0.021 χ^2/NDF : 1843531.0/34

In: 91.709 $\pm$ 0.018 χ^2/NDF :1294784.3/25

Out: 90.289 $\pm$ 0.017 χ^2/NDF :1630919.6/28

All: 90.962 $\pm$ 0.012 χ^2/NDF : 2929018.1/54

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -747.180 ± 207.848 $\chi^2/\text{NDF}: 28.0/10$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -94.836 ± 220.808 $\chi^2/\text{NDF}: 9.0/8$

Left: -440.712 ± 151.345 $\chi^2/\text{NDF}: 41.7/19$

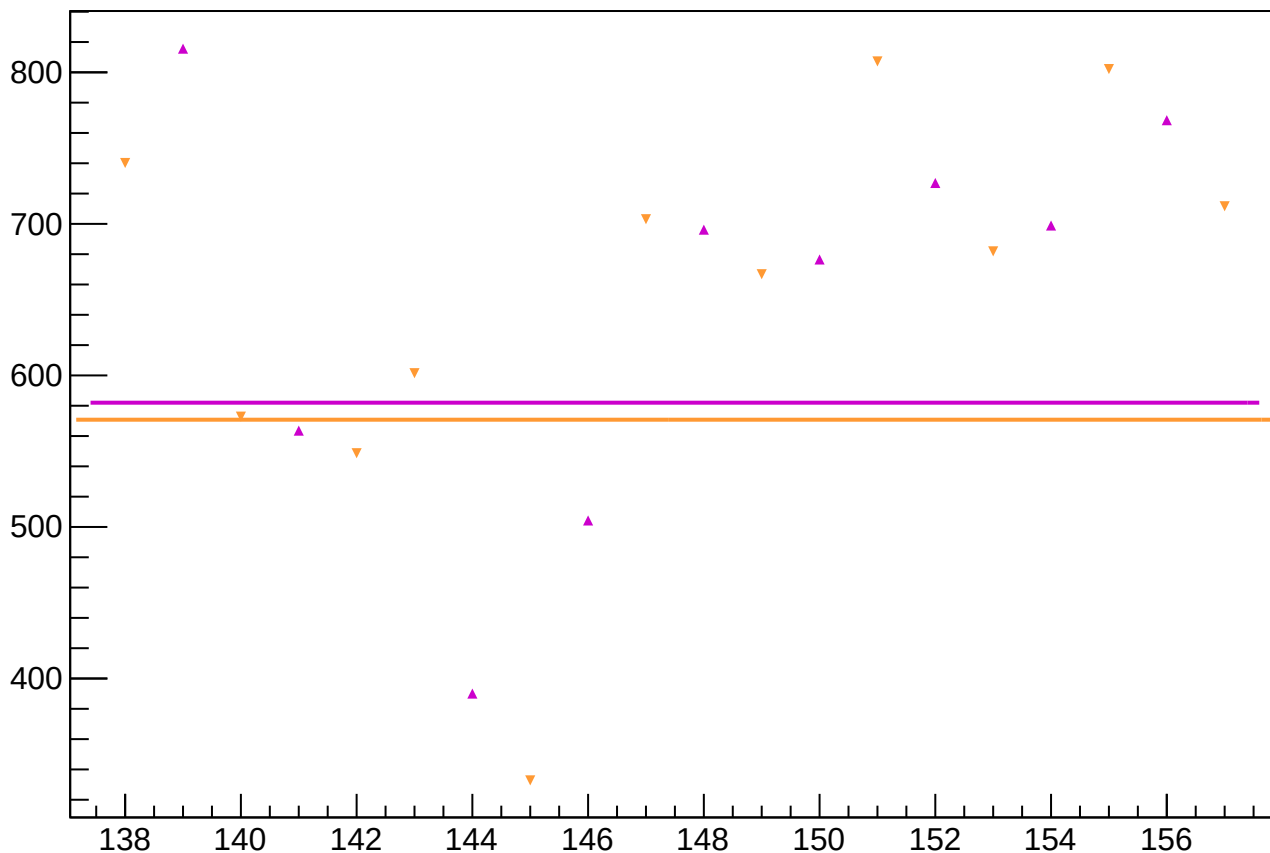
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -94.836 ± 220.808 $\chi^2/\text{NDF}: 9.0/8$

Out: -747.180 ± 207.848 $\chi^2/\text{NDF}: 28.0/10$

All: -440.712 ± 151.345 $\chi^2/\text{NDF}: 41.7/19$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 582.009+/-0.156 χ^2/NDF :844832.2/8

Left: 576.056+/-0.107 χ^2/NDF : 2159808.9/19

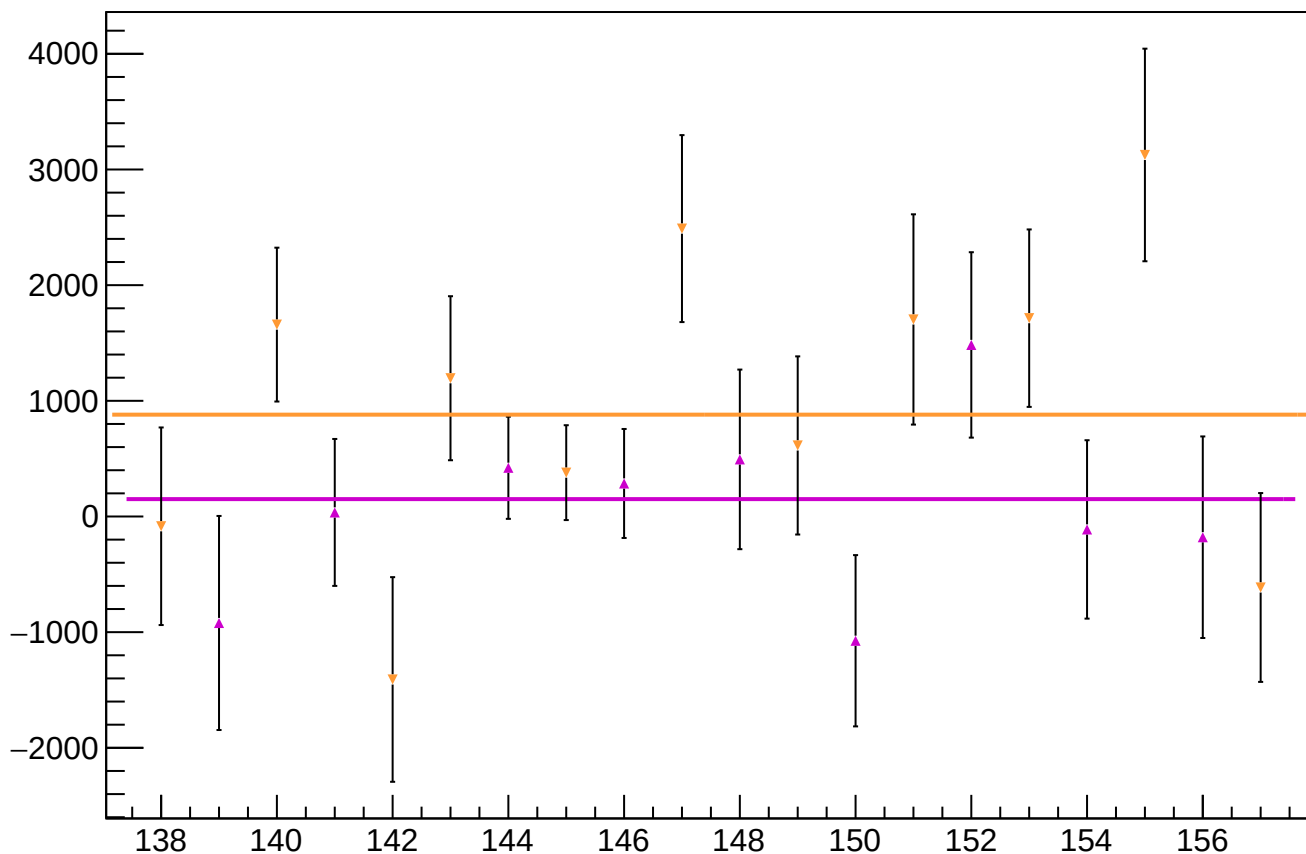
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 582.009+/-0.156 χ^2/NDF :844832.2/8

Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

All: 576.056+/-0.107 χ^2/NDF : 2159808.9/19

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 880.452+/-214.874 χ^2/NDF : 26.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 150.224+/-216.591 χ^2/NDF : 7.8/8

Left: 518.243+/-152.542 χ^2/NDF : 40.0/19

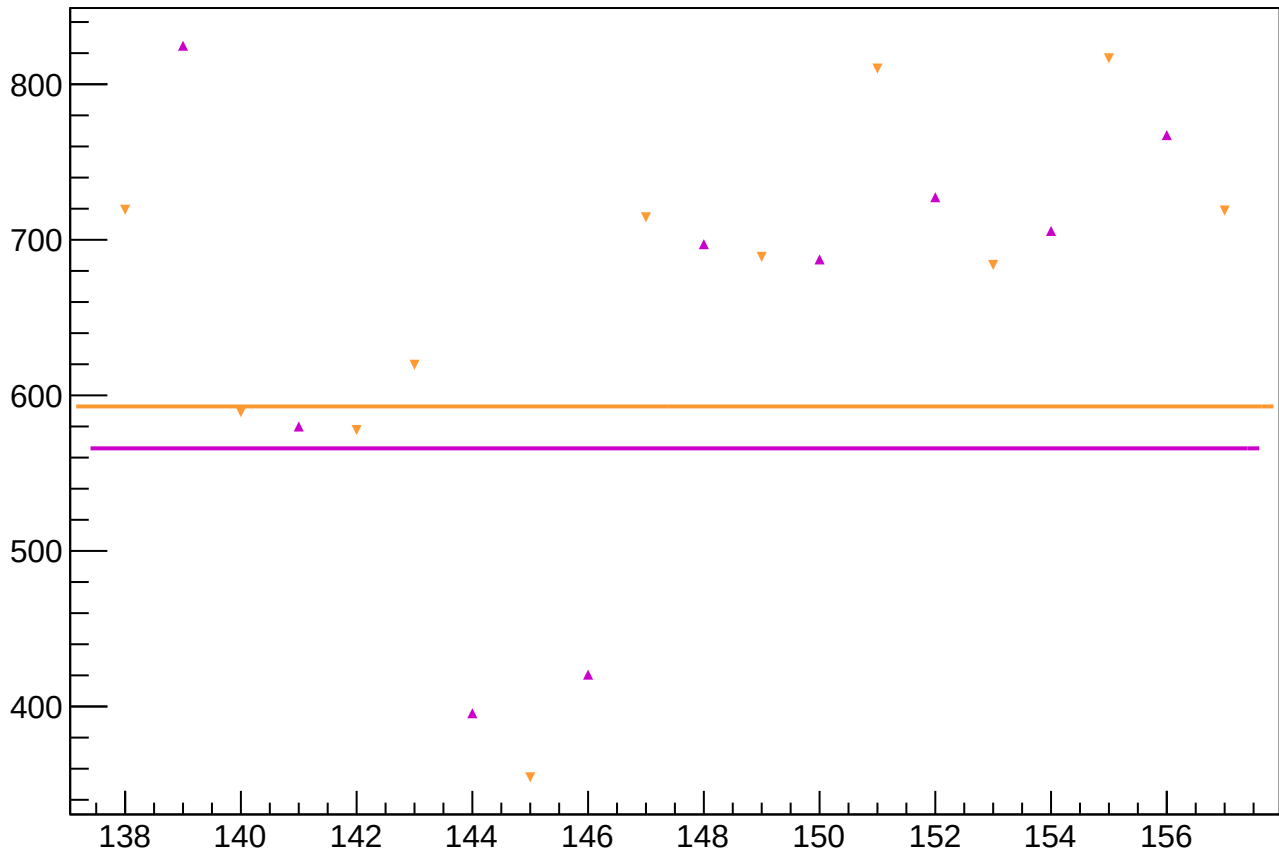
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 150.224+/-216.591 χ^2/NDF : 7.8/8

Out: 880.452+/-214.874 χ^2/NDF : 26.4/10

All: 518.243+/-152.542 χ^2/NDF : 40.0/19

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 565.944+/-0.153 χ^2/NDF :1010047.4/8

Left: 579.525+/-0.108 χ^2/NDF : 2134248.6/19

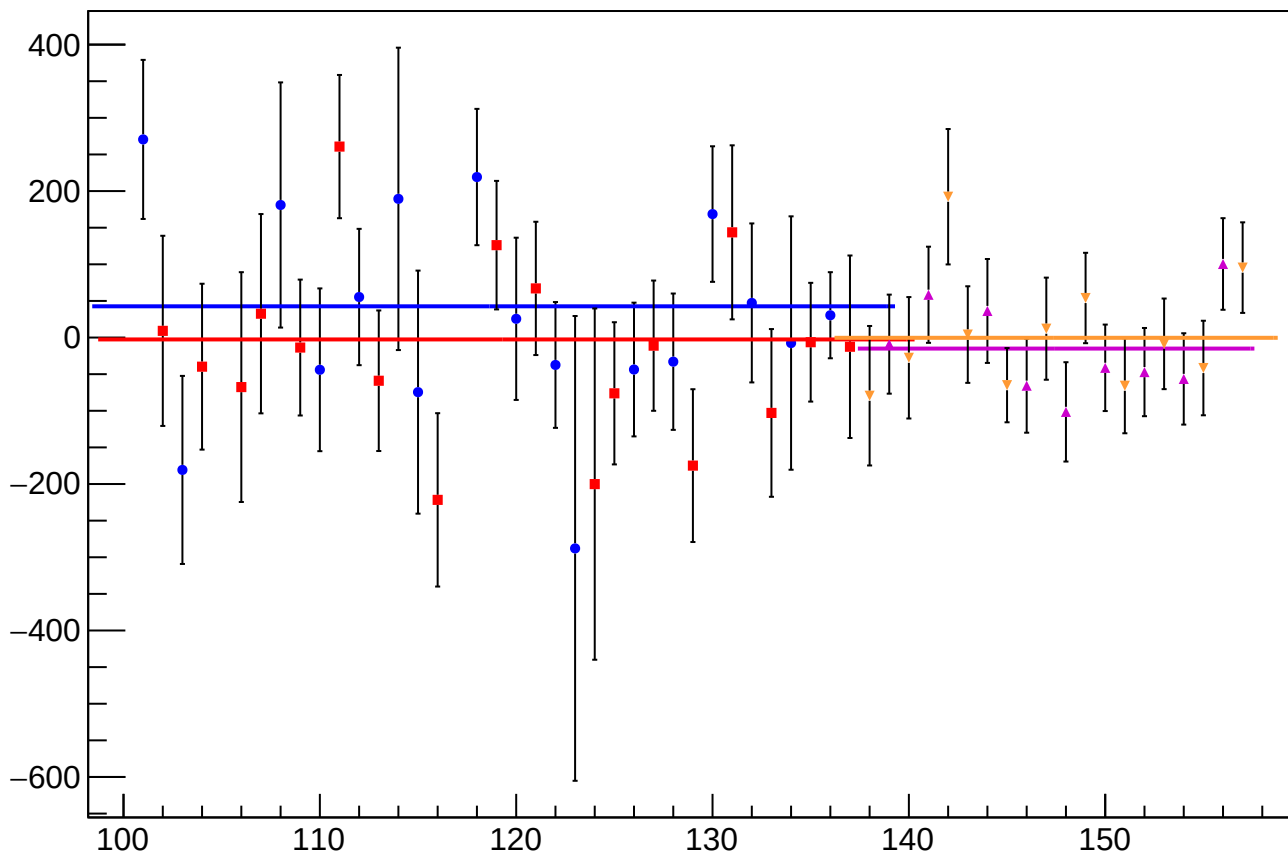
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 565.944+/-0.153 χ^2/NDF :1010047.4/8

Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

All: 579.525+/-0.108 χ^2/NDF : 2134248.6/19

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -0.351 $\pm$ 20.160 χ^2 /NDF:11.4/10

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -15.062 $\pm$ 21.394 χ^2 /NDF:8.4/8

Left: -7.270 $\pm$ 14.672 χ^2 /NDF: 20.0/19

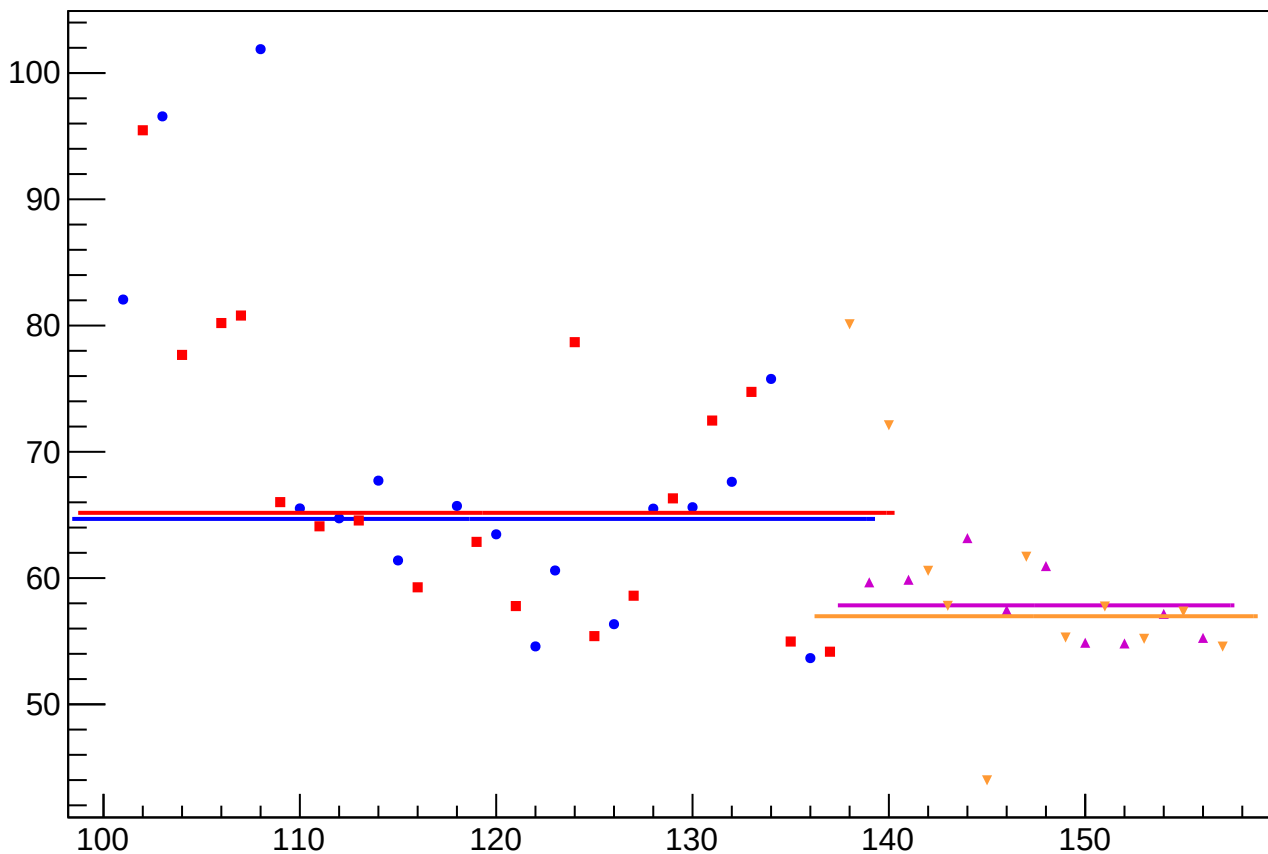
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 8.797 $\pm$ 16.386 χ^2 /NDF:30.2/25

Out: -1.224 $\pm$ 15.715 χ^2 /NDF:31.8/28

All: 3.577 $\pm$ 11.342 χ^2 /NDF: 62.3/54

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.978 $\pm$ 0.014 χ^2 /NDF:335031.0/10

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.839 $\pm$ 0.015 χ^2 /NDF:32592.8/8

Left: 57.383 $\pm$ 0.010 χ^2 /NDF: 369341.7/19

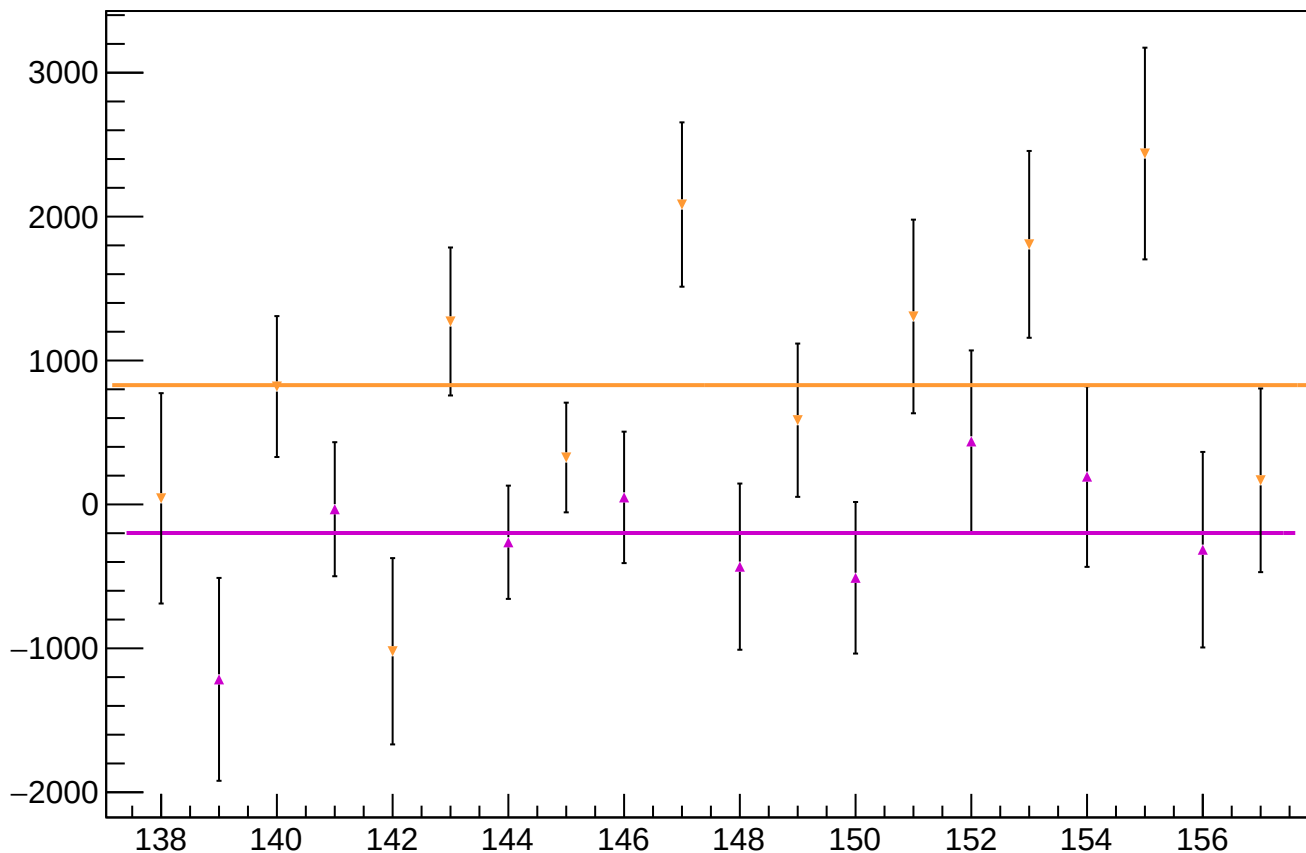
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.669 $\pm$ 0.012 χ^2 /NDF:517439.1/25

Out: 60.191 $\pm$ 0.011 χ^2 /NDF:769103.9/28

All: 60.420 $\pm$ 0.008 χ^2 /NDF: 1287430.7/54

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 828.945+/-170.062 χ^2/NDF :25.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -198.503+/-177.637 χ^2/NDF :4.5/8

Left: 337.597+/-122.843 χ^2/NDF : 47.4/19

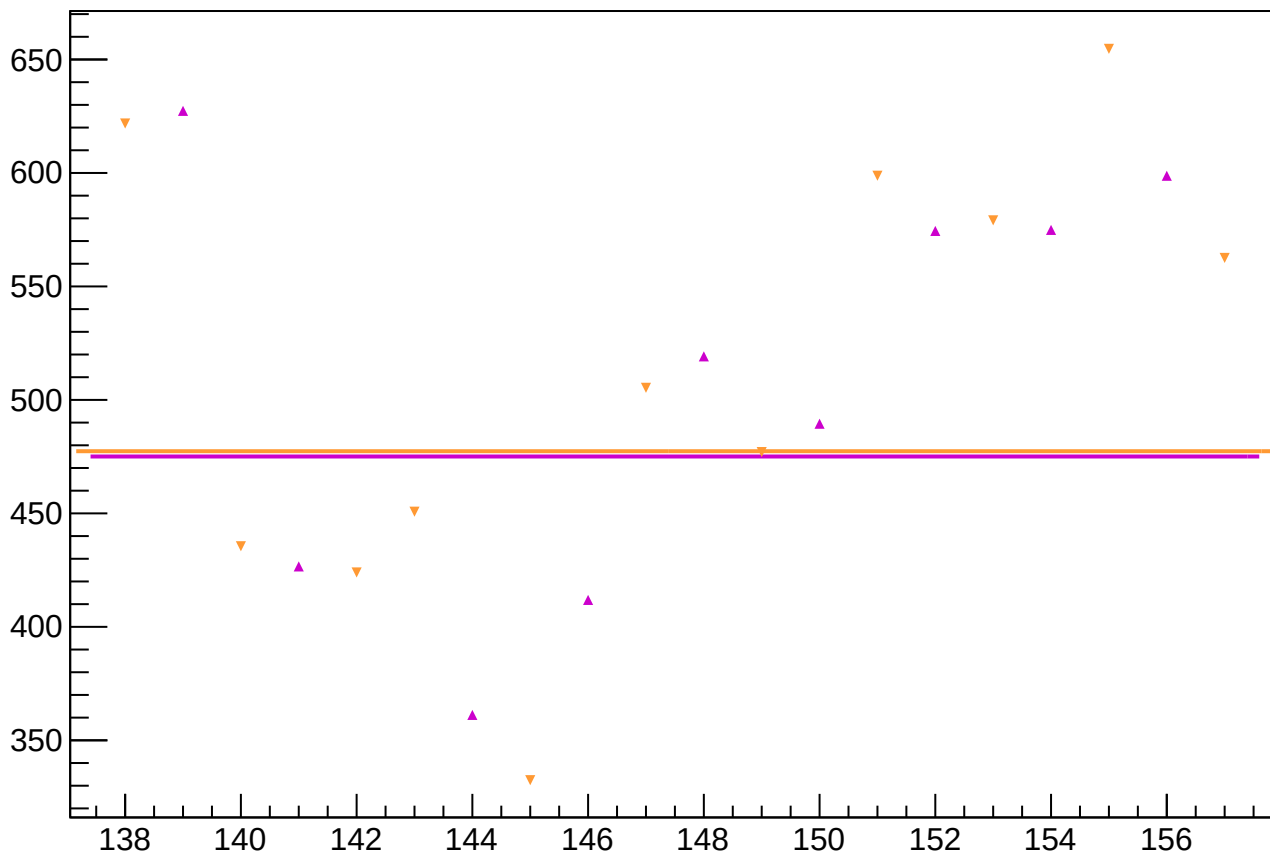
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.503+/-177.637 χ^2/NDF :4.5/8

Out: 828.945+/-170.062 χ^2/NDF :25.5/10

All: 337.597+/-122.843 χ^2/NDF : 47.4/19

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 477.393+/-0.120 χ^2/NDF : 671883.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.064+/-0.126 χ^2/NDF : 500349.7/8

Left: 476.279+/-0.087 χ^2/NDF : 1172412.5/19

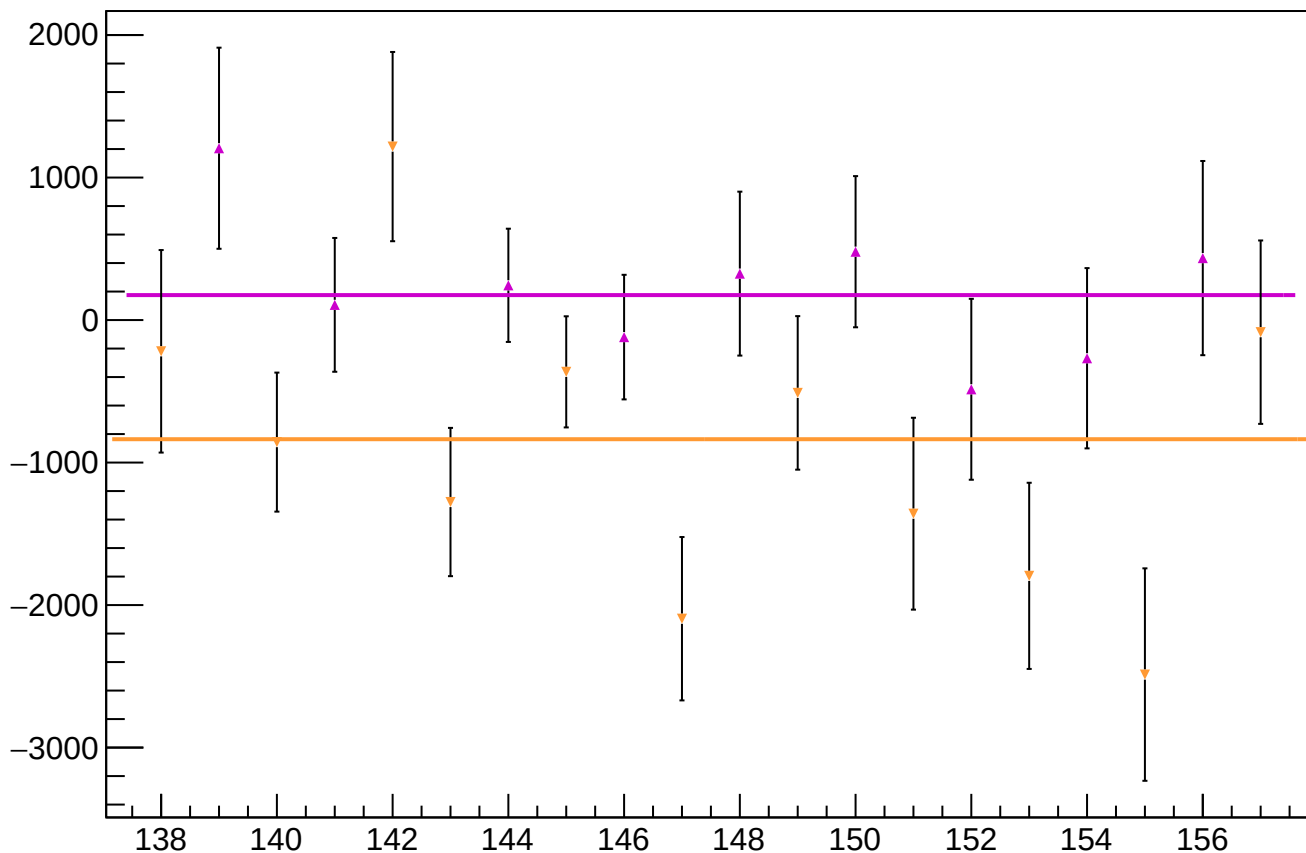
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.064+/-0.126 χ^2/NDF : 500349.7/8

Out: 477.393+/-0.120 χ^2/NDF : 671883.4/10

All: 476.279+/-0.087 χ^2/NDF : 1172412.5/19

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -836.134+/-171.555 χ^2/NDF :26.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 175.153+/-177.261 χ^2/NDF :4.8/8

Left: -347.029+/-123.275 χ^2/NDF : 48.3/19

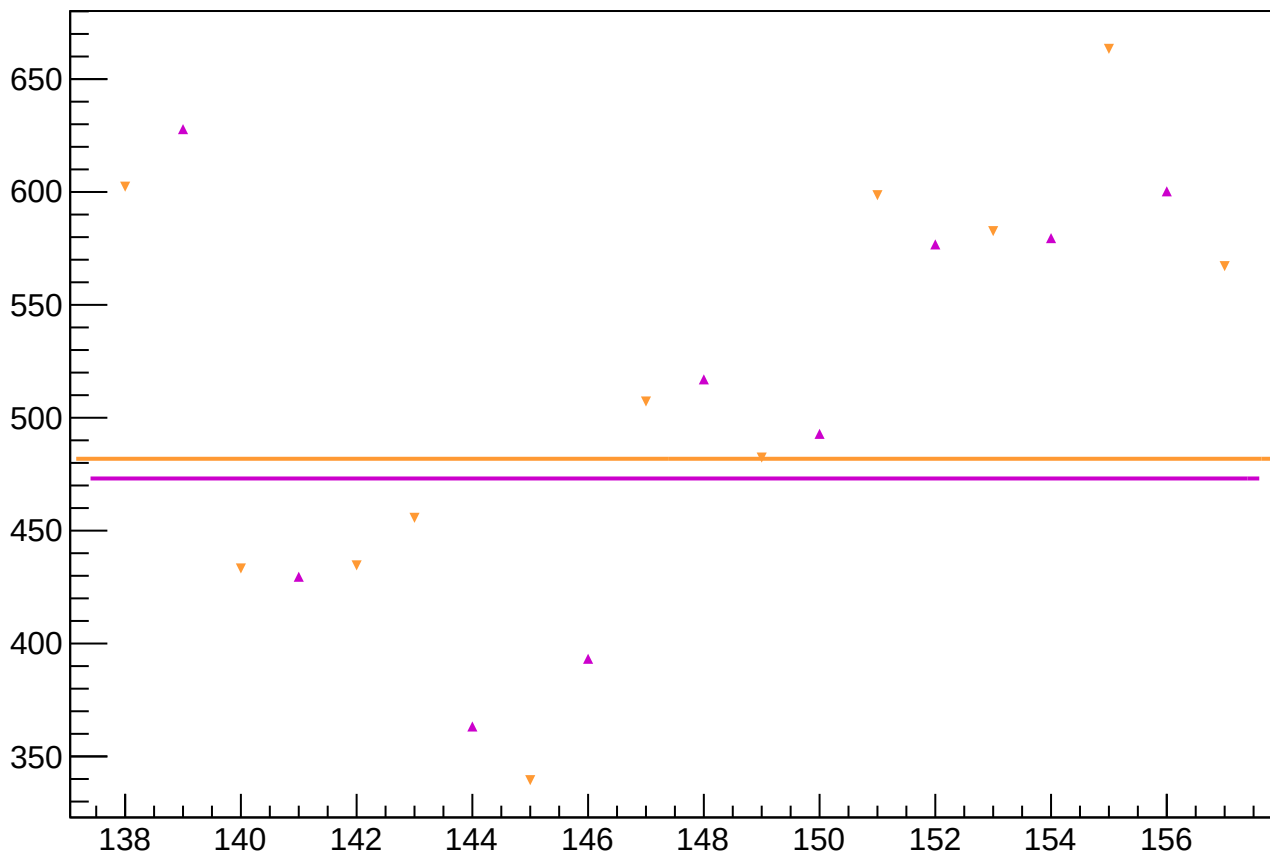
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 175.153+/-177.261 χ^2/NDF :4.8/8

Out: -836.134+/-171.555 χ^2/NDF :26.7/10

All: -347.029+/-123.275 χ^2/NDF : 48.3/19

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 481.833+/-0.121 χ^2/NDF : 624653.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 473.102+/-0.125 χ^2/NDF : 527099.3/8

Left: 477.610+/-0.087 χ^2/NDF : 1154257.5/19

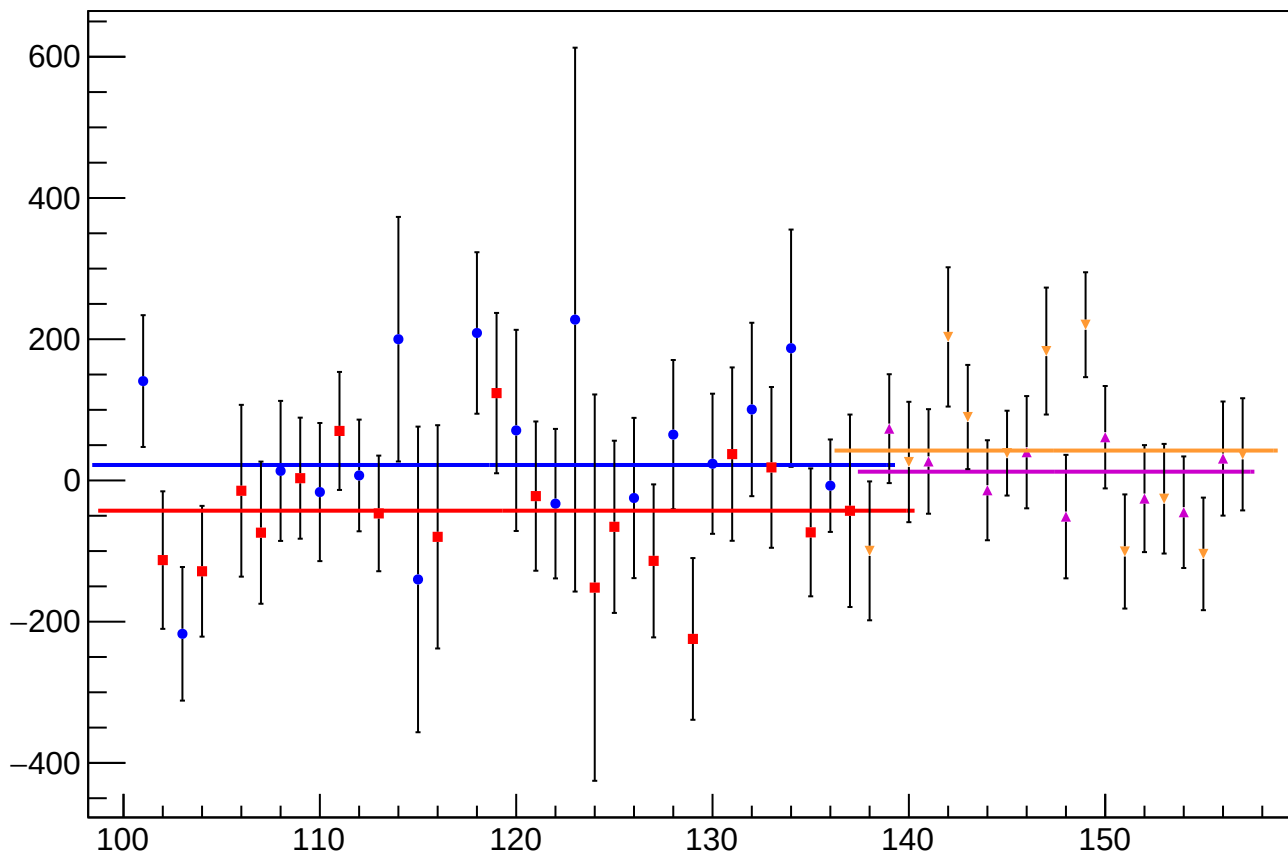
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.102+/-0.125 χ^2/NDF : 527099.3/8

Out: 481.833+/-0.121 χ^2/NDF : 624653.1/10

All: 477.610+/-0.087 χ^2/NDF : 1154257.5/19

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 42.339 $\pm$ 23.943 χ^2 /NDF:20.7/10

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 12.415 $\pm$ 25.676 χ^2 /NDF:2.7/8

Left: 28.420 $\pm$ 17.511 χ^2 /NDF: 24.2/19

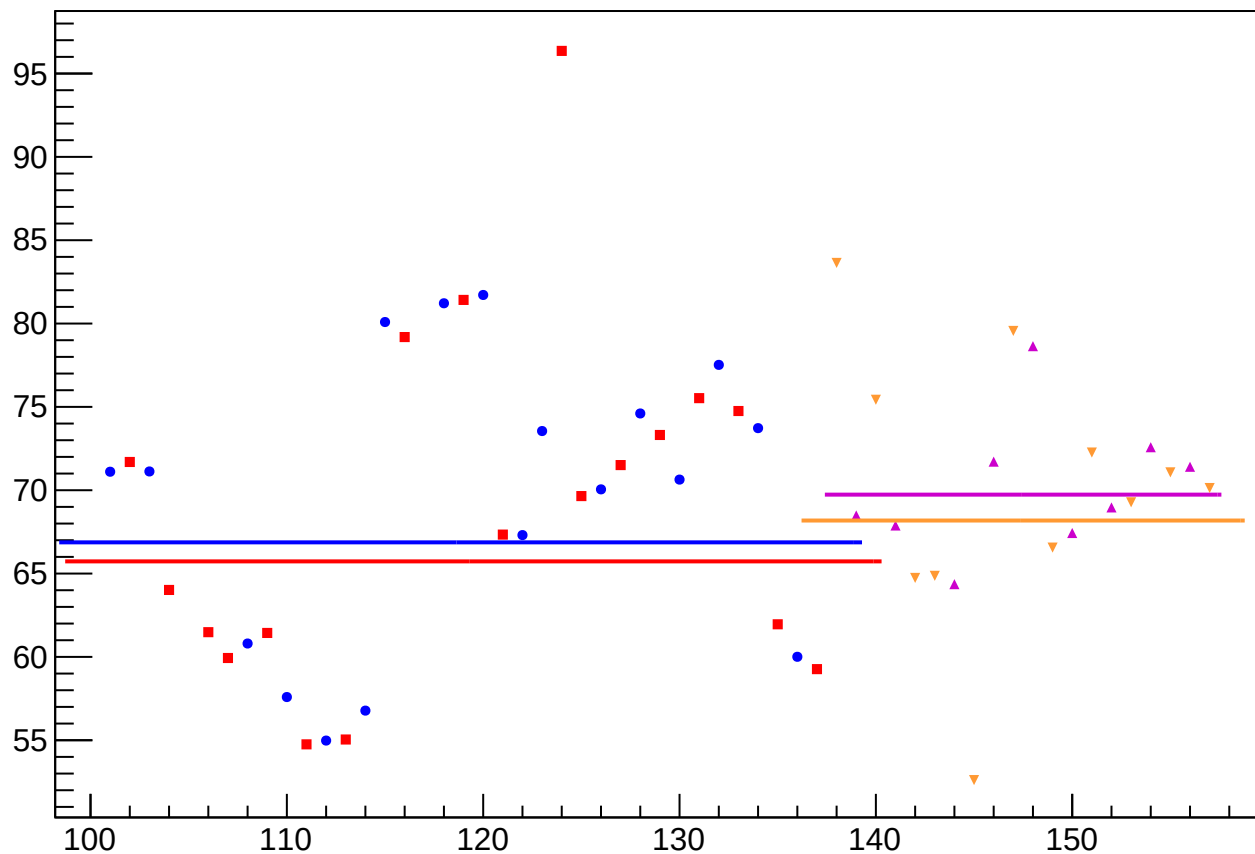
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 17.092 $\pm$ 18.288 χ^2 /NDF:17.9/25

Out: 1.796 $\pm$ 17.330 χ^2 /NDF:36.6/28

All: 9.033 $\pm$ 12.579 χ^2 /NDF: 54.8/54

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 68.182 $\pm$ 0.017 χ^2/NDF :247024.3/10

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 69.735 $\pm$ 0.018 χ^2/NDF :40950.8/8

Left: 68.904 $\pm$ 0.012 χ^2/NDF : 291890.7/19

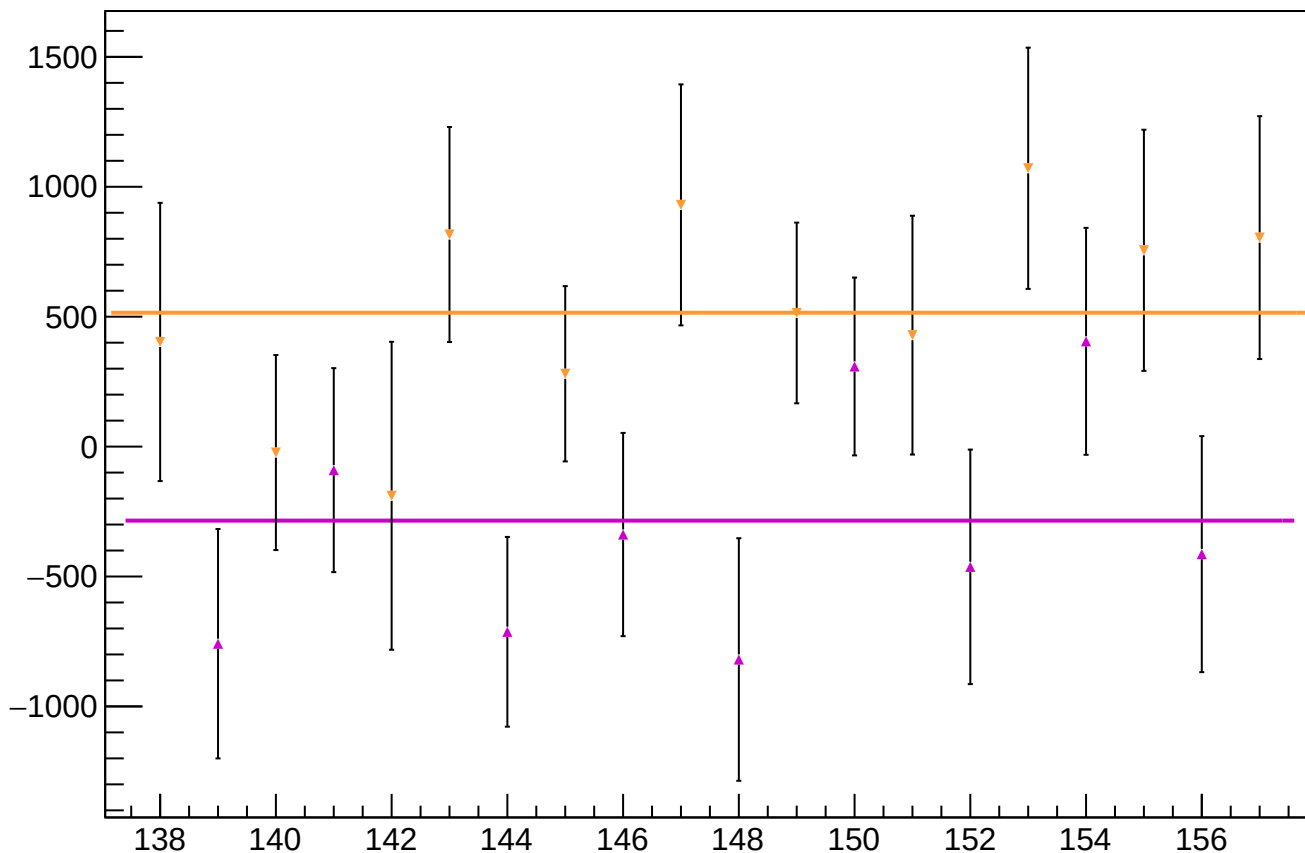
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 68.325 $\pm$ 0.013 χ^2/NDF :255720.6/25

Out: 67.015 $\pm$ 0.012 χ^2/NDF :475874.2/28

All: 67.635 $\pm$ 0.009 χ^2/NDF : 737000.5/54

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 515.385+/-129.559 χ^2/NDF : 7.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -284.857+/-136.358 χ^2/NDF : 9.8/8

Left: 135.710+/-93.924 χ^2/NDF : 35.4/19

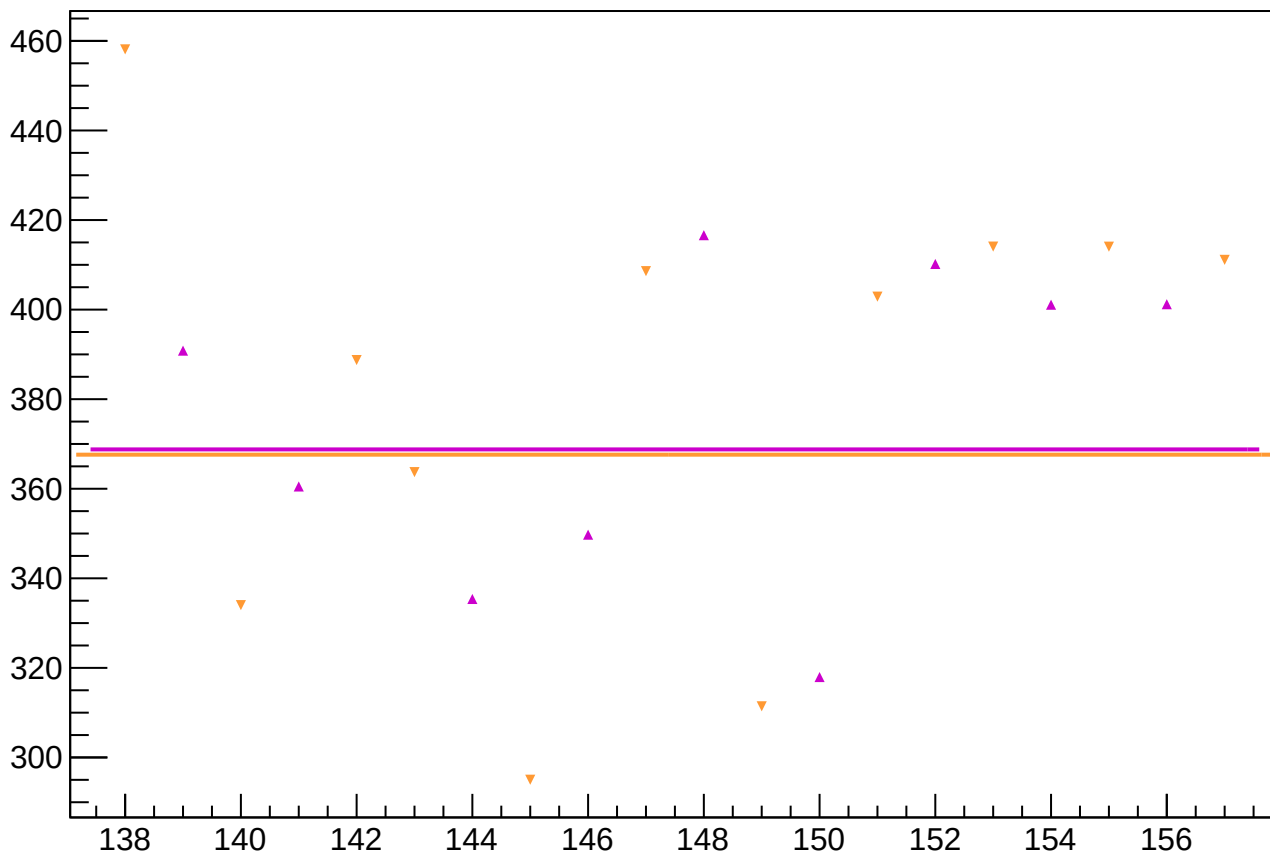
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -284.857+/-136.358 χ^2/NDF : 9.8/8

Out: 515.385+/-129.559 χ^2/NDF : 7.4/10

All: 135.710+/-93.924 χ^2/NDF : 35.4/19

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 367.608+/-0.092 χ^2/NDF :305508.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 368.785+/-0.096 χ^2/NDF :130441.0/8

Left: 368.167+/-0.066 χ^2/NDF : 436027.3/19

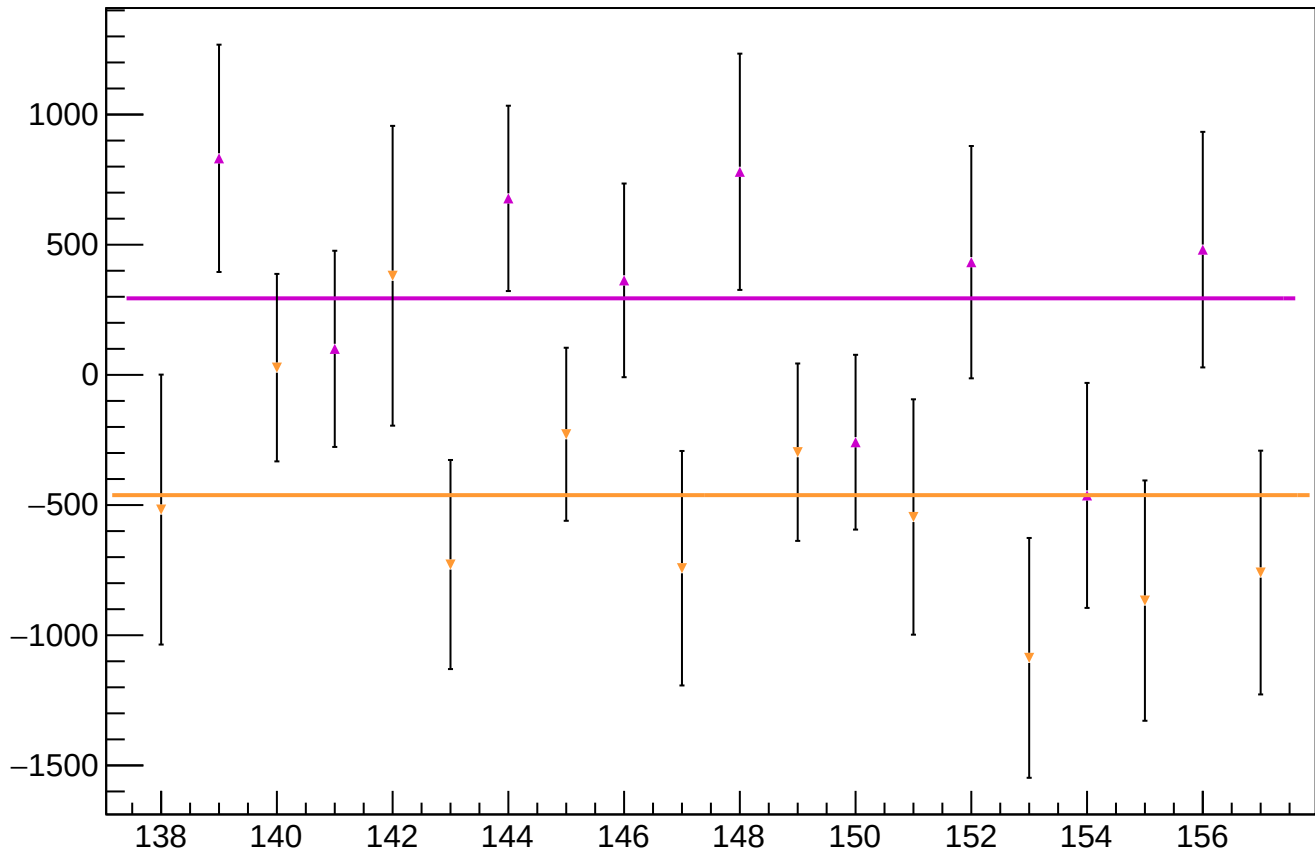
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 368.785+/-0.096 χ^2/NDF :130441.0/8

Out: 367.608+/-0.092 χ^2/NDF :305508.0/10

All: 368.167+/-0.066 χ^2/NDF : 436027.3/19

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 293.999+/-133.141 χ^2/NDF : 10.2/8

Left: -102.151+/-91.851 χ^2/NDF : 35.7/19

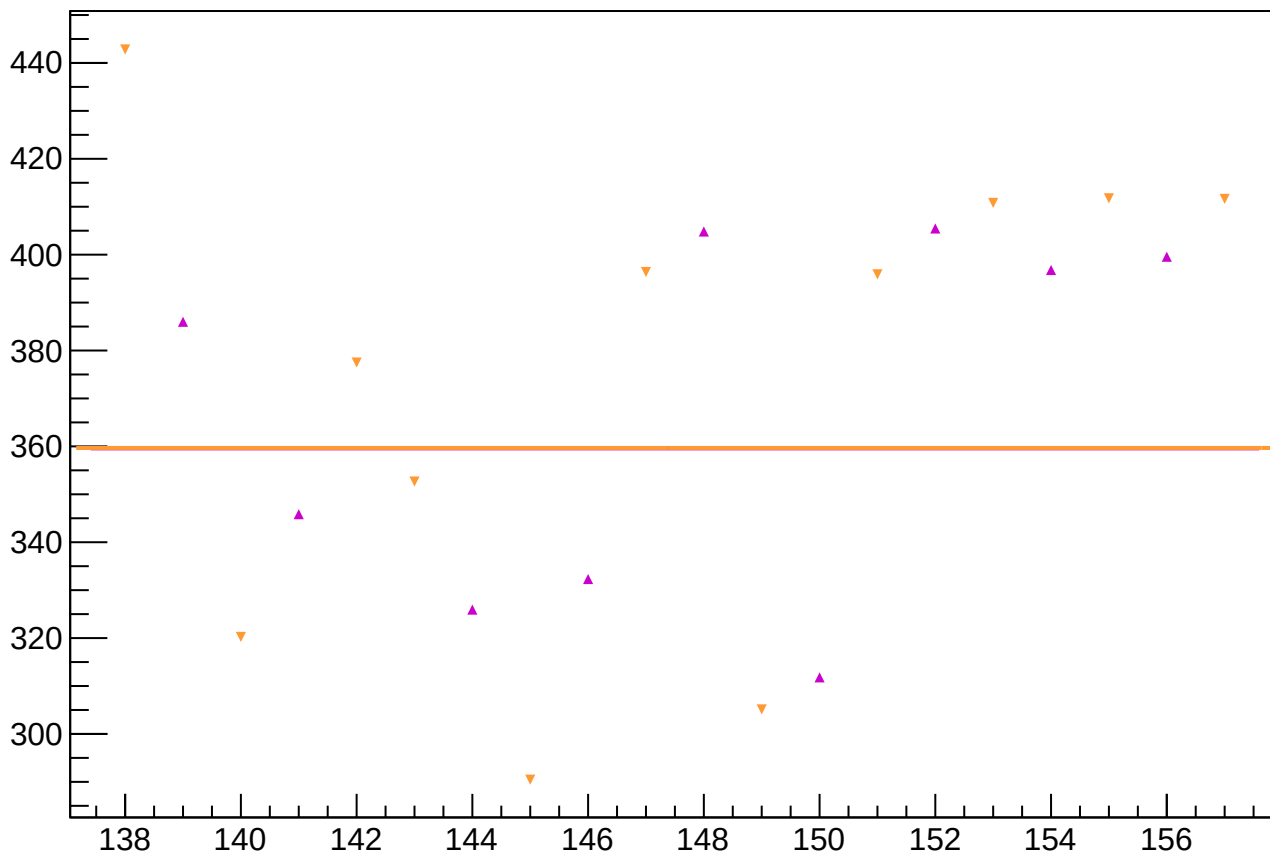
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 293.999+/-133.141 χ^2/NDF : 10.2/8

Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

All: -102.151+/-91.851 χ^2/NDF : 35.7/19

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 359.586+/-0.094 χ^2/NDF :150617.7/8

Left: 359.630+/-0.065 χ^2/NDF : 467513.5/19

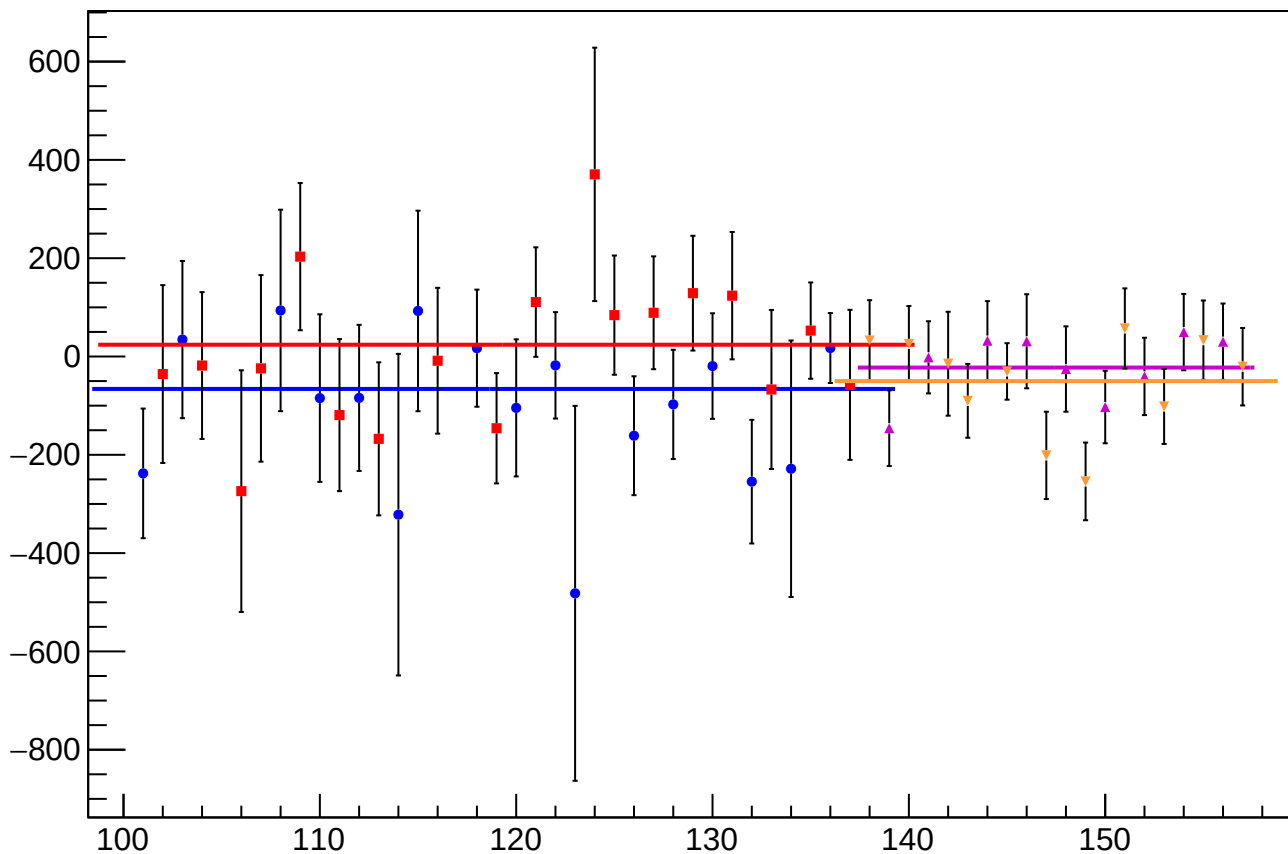
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.586+/-0.094 χ^2/NDF :150617.7/8

Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

All: 359.630+/-0.065 χ^2/NDF : 467513.5/19

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -50.080 ± 23.503 $\chi^2/\text{NDF}: 15.4/10$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -22.514 ± 26.465 $\chi^2/\text{NDF}: 6.0/8$

Left: -37.926 ± 17.574 $\chi^2/\text{NDF}: 22.0/19$

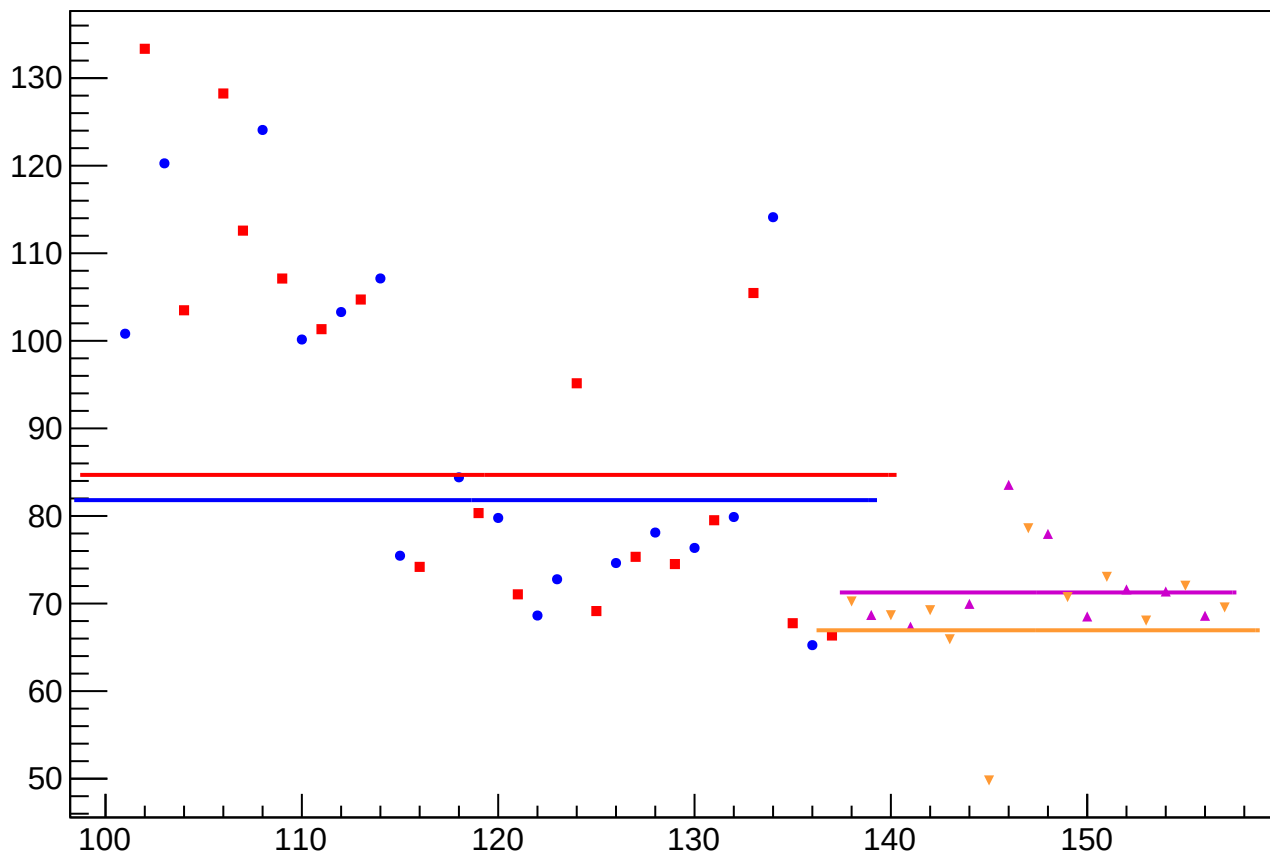
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -39.978 ± 20.468 $\chi^2/\text{NDF}: 17.8/25$

Out: -24.945 ± 19.103 $\chi^2/\text{NDF}: 31.8/28$

All: -31.943 ± 13.966 $\chi^2/\text{NDF}: 49.9/54$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 66.947 $\pm$ 0.017 χ^2 /NDF: 244363.6/10

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 71.265 $\pm$ 0.019 χ^2 /NDF: 58434.6/8

Left: 68.851 $\pm$ 0.012 χ^2 /NDF: 332572.5/19

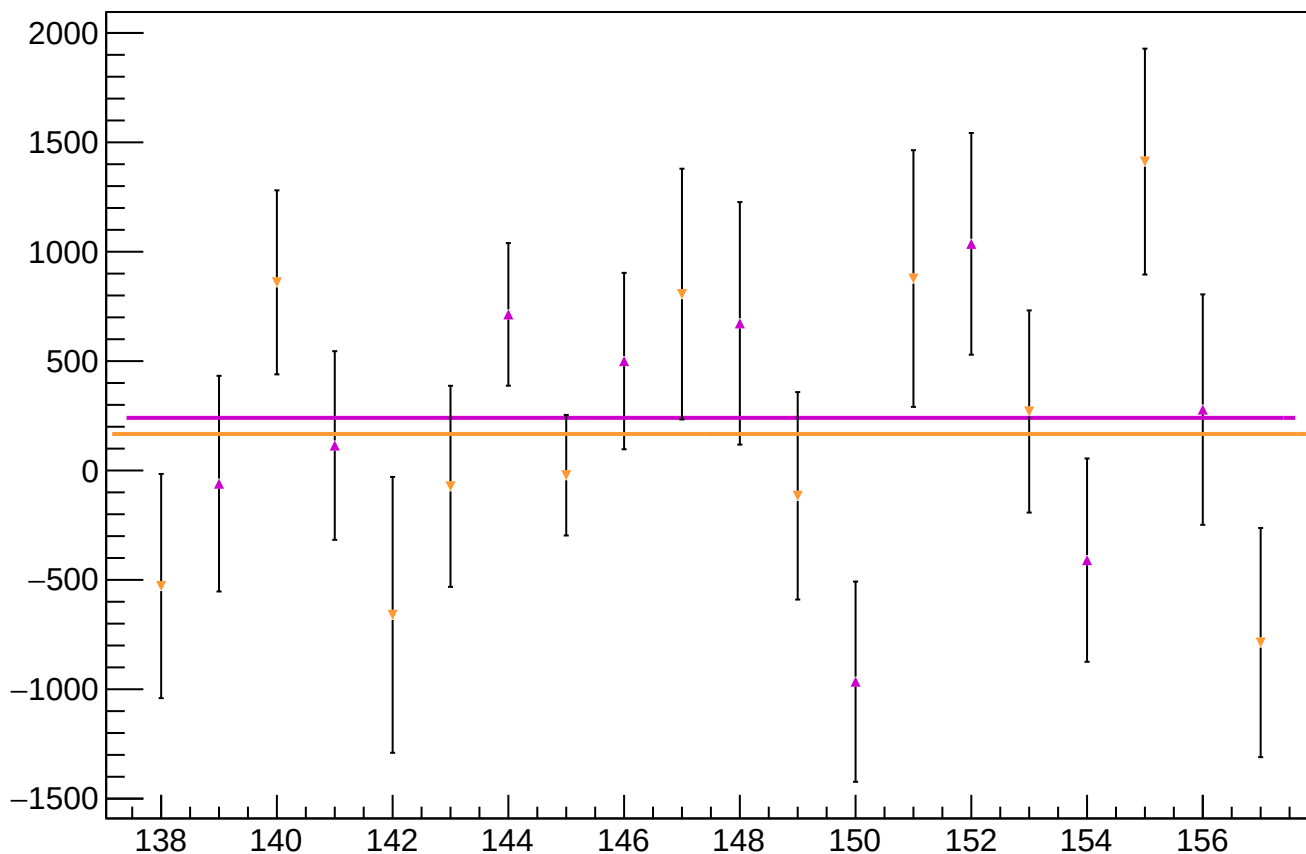
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 75.502 $\pm$ 0.014 χ^2 /NDF: 693179.6/25

Out: 72.969 $\pm$ 0.014 χ^2 /NDF: 1247190.1/28

All: 74.148 $\pm$ 0.010 χ^2 /NDF: 1956741.1/54

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 167.090+/-138.204 χ^2/NDF :19.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 240.609+/-148.723 χ^2/NDF :15.0/8

Left: 201.158+/-101.240 χ^2/NDF : 34.3/19

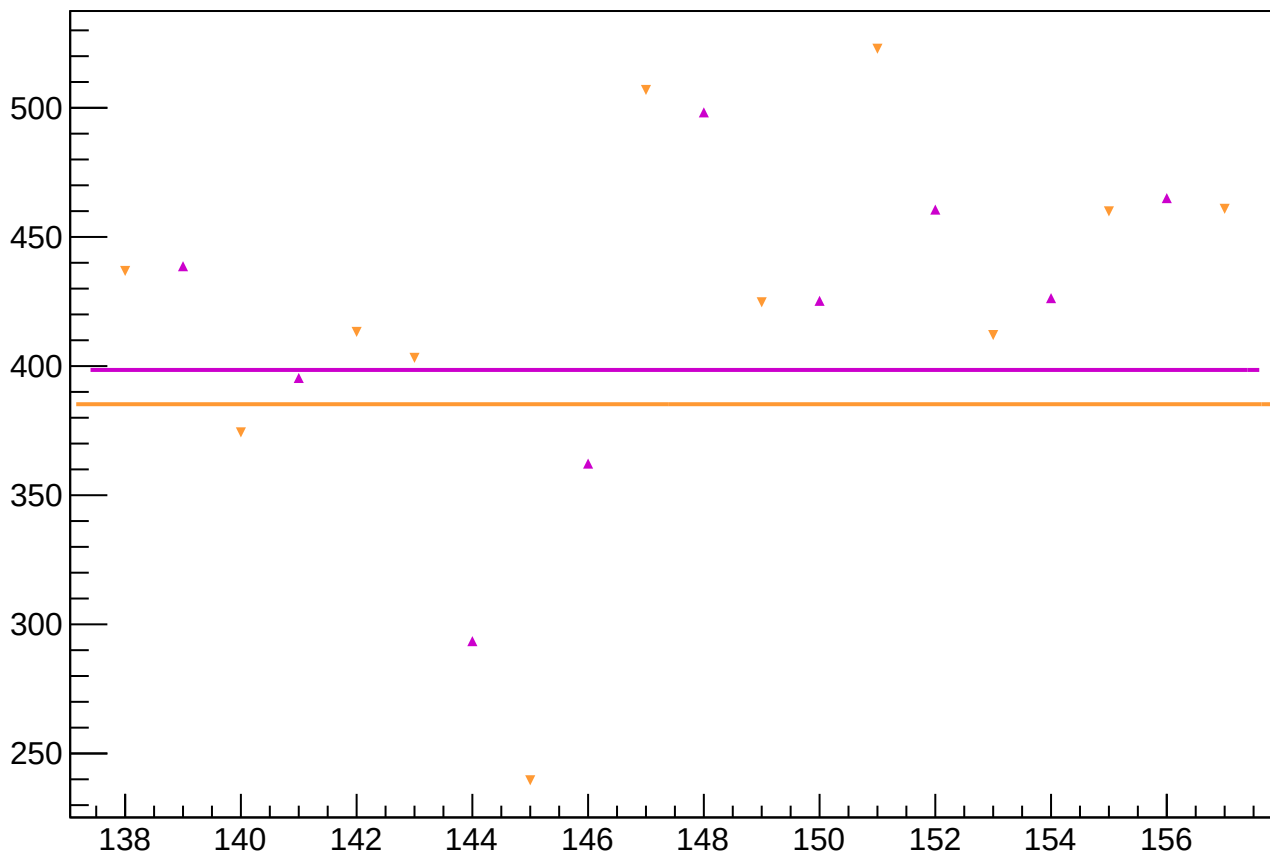
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 240.609+/-148.723 χ^2/NDF :15.0/8

Out: 167.090+/-138.204 χ^2/NDF :19.3/10

All: 201.158+/-101.240 χ^2/NDF : 34.3/19

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 385.238+/-0.098 χ^2/NDF : 891358.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 398.508+/-0.105 χ^2/NDF : 377765.4/8

Left: 391.387+/-0.072 χ^2/NDF : 1277669.0/19

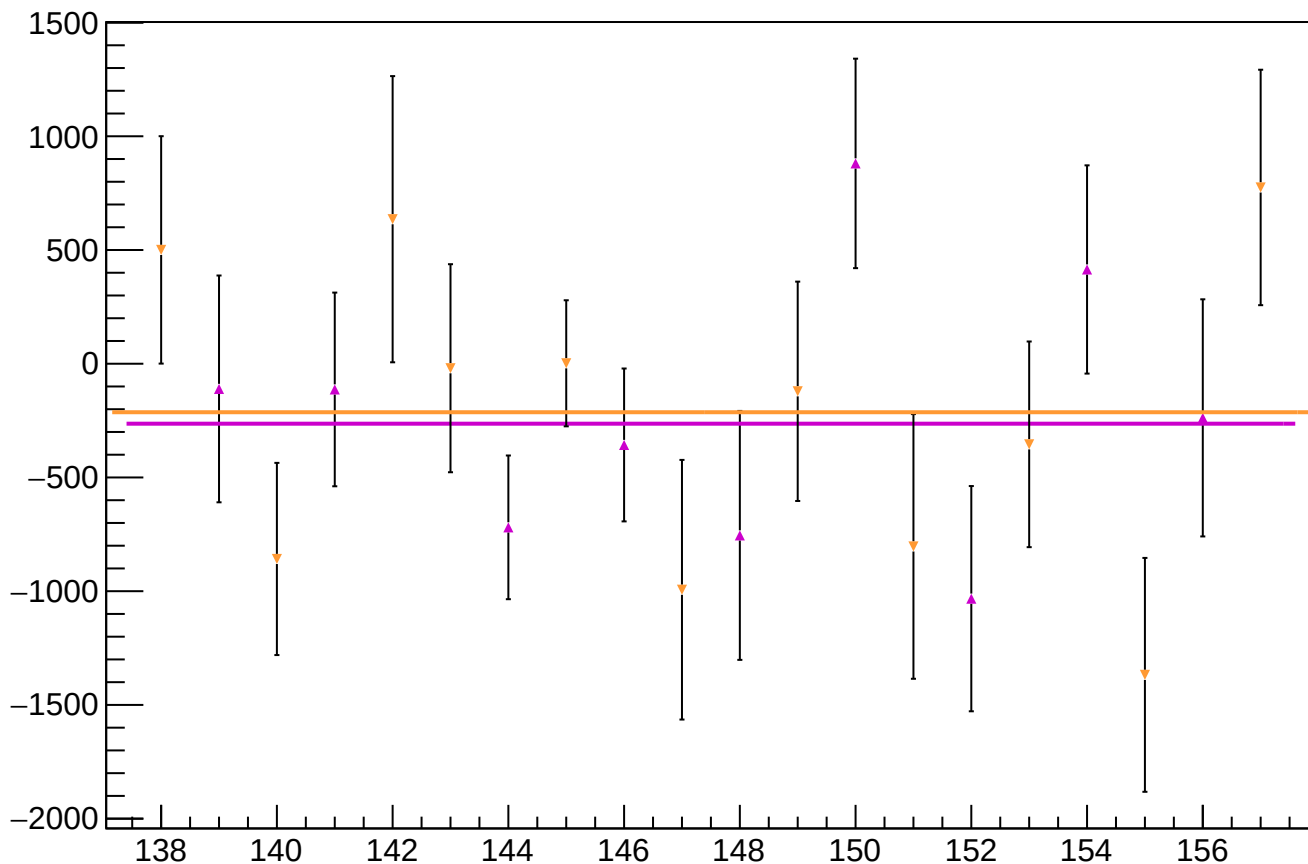
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 398.508+/-0.105 χ^2/NDF : 377765.4/8

Out: 385.238+/-0.098 χ^2/NDF : 891358.6/10

All: 391.387+/-0.072 χ^2/NDF : 1277669.0/19

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -213.237+/-137.789 χ^2/NDF :18.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -263.620+/-142.849 χ^2/NDF :14.0/8

Left: -237.520+/-99.172 χ^2/NDF : 32.7/19

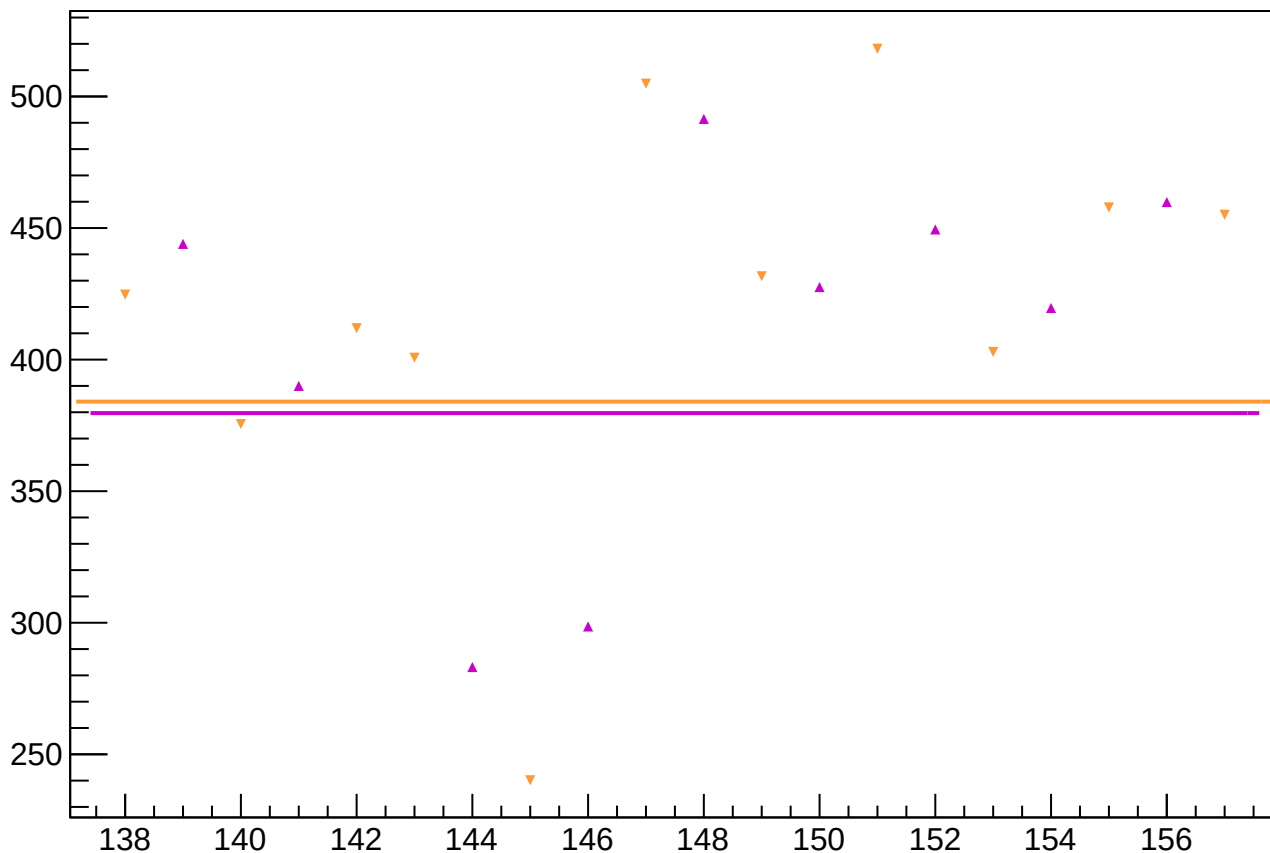
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -263.620+/-142.849 χ^2/NDF :14.0/8

Out: -213.237+/-137.789 χ^2/NDF :18.7/10

All: -237.520+/-99.172 χ^2/NDF : 32.7/19

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 384.037+/-0.097 χ^2/NDF :857754.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 379.677+/-0.101 χ^2/NDF :545052.6/8

Left: 381.935+/-0.070 χ^2/NDF : 1403772.6/19

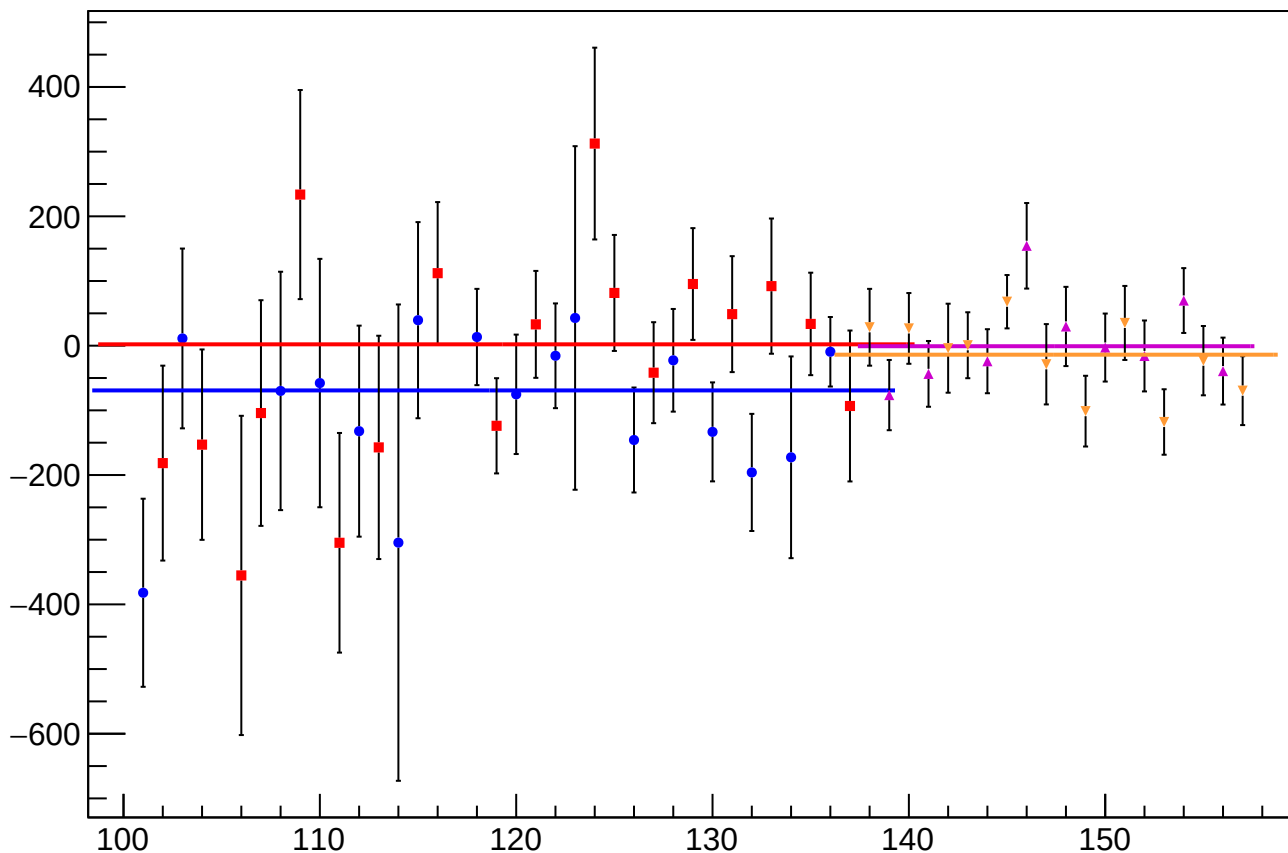
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.677+/-0.101 χ^2/NDF :545052.6/8

Out: 384.037+/-0.097 χ^2/NDF :857754.9/10

All: 381.935+/-0.070 χ^2/NDF : 1403772.6/19

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: -13.942 ± 16.240 χ^2/NDF : 13.8/10

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -0.846 ± 17.976 χ^2/NDF : 11.2/8

Left: -8.057 ± 12.051 χ^2/NDF : 25.3/19

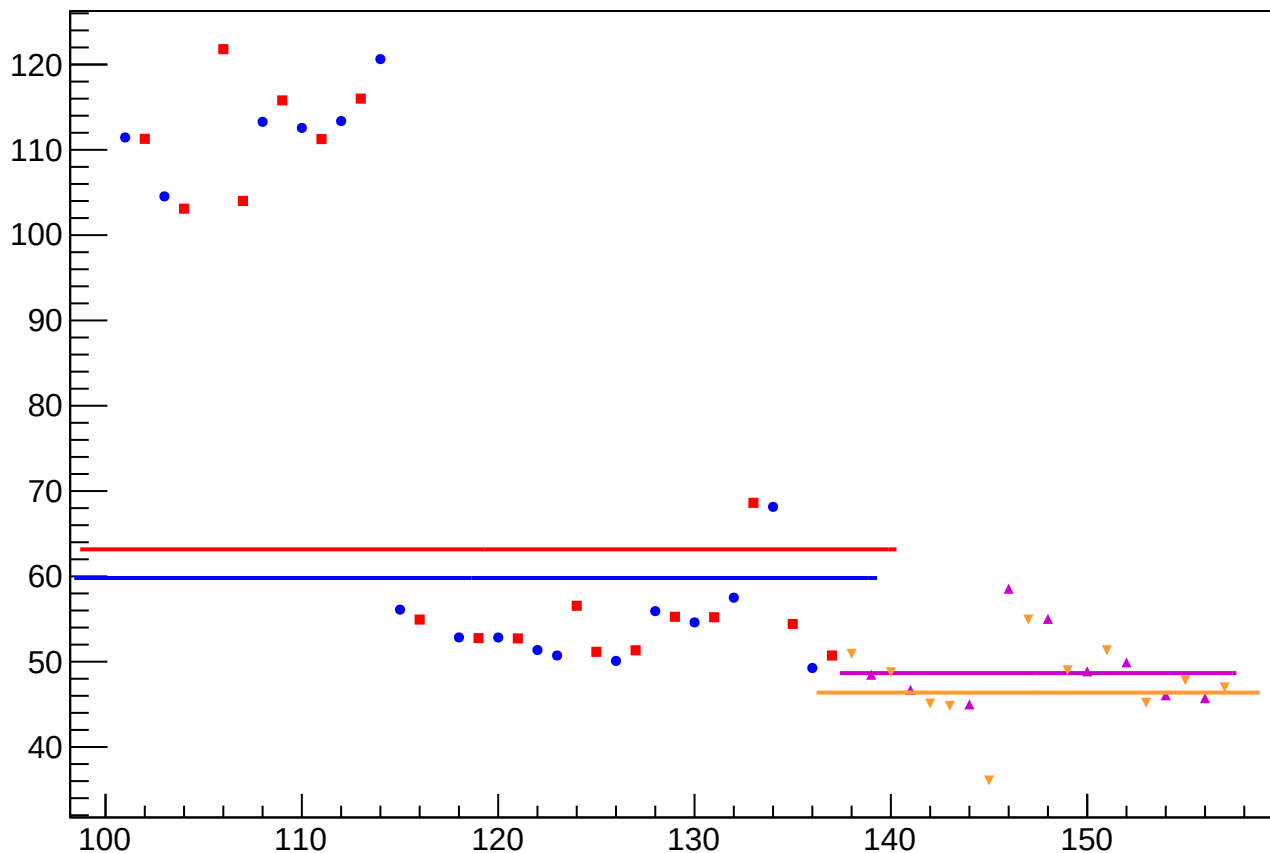
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -25.070 ± 14.443 χ^2/NDF : 29.8/25

Out: -9.237 ± 13.649 χ^2/NDF : 37.9/28

All: -16.706 ± 9.920 χ^2/NDF : 68.3/54

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: 46.377 $\pm$ 0.011 χ^2/NDF : 203311.7/10

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 48.663 $\pm$ 0.013 χ^2/NDF : 93071.7/8

Left: 47.404 $\pm$ 0.009 χ^2/NDF : 314186.7/19

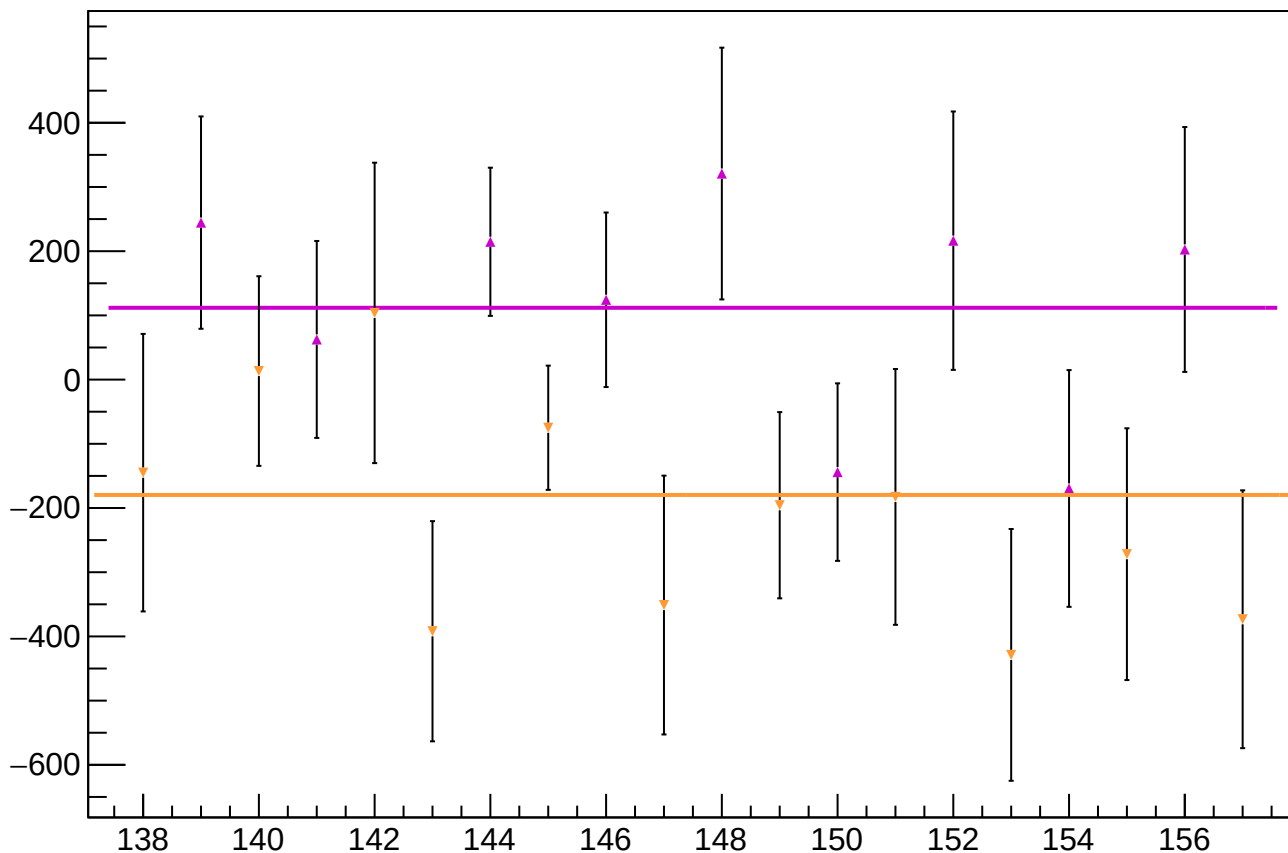
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 52.613 $\pm$ 0.010 χ^2/NDF : 1595595.0/25

Out: 51.307 $\pm$ 0.010 χ^2/NDF : 2218291.5/28

All: 51.923 $\pm$ 0.007 χ^2/NDF : 3822529.2/54

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -179.648+/-49.961 χ^2/NDF : 9.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 111.848+/-52.110 χ^2/NDF : 8.9/8

Left: -40.034+/-36.063 χ^2/NDF : 34.7/19

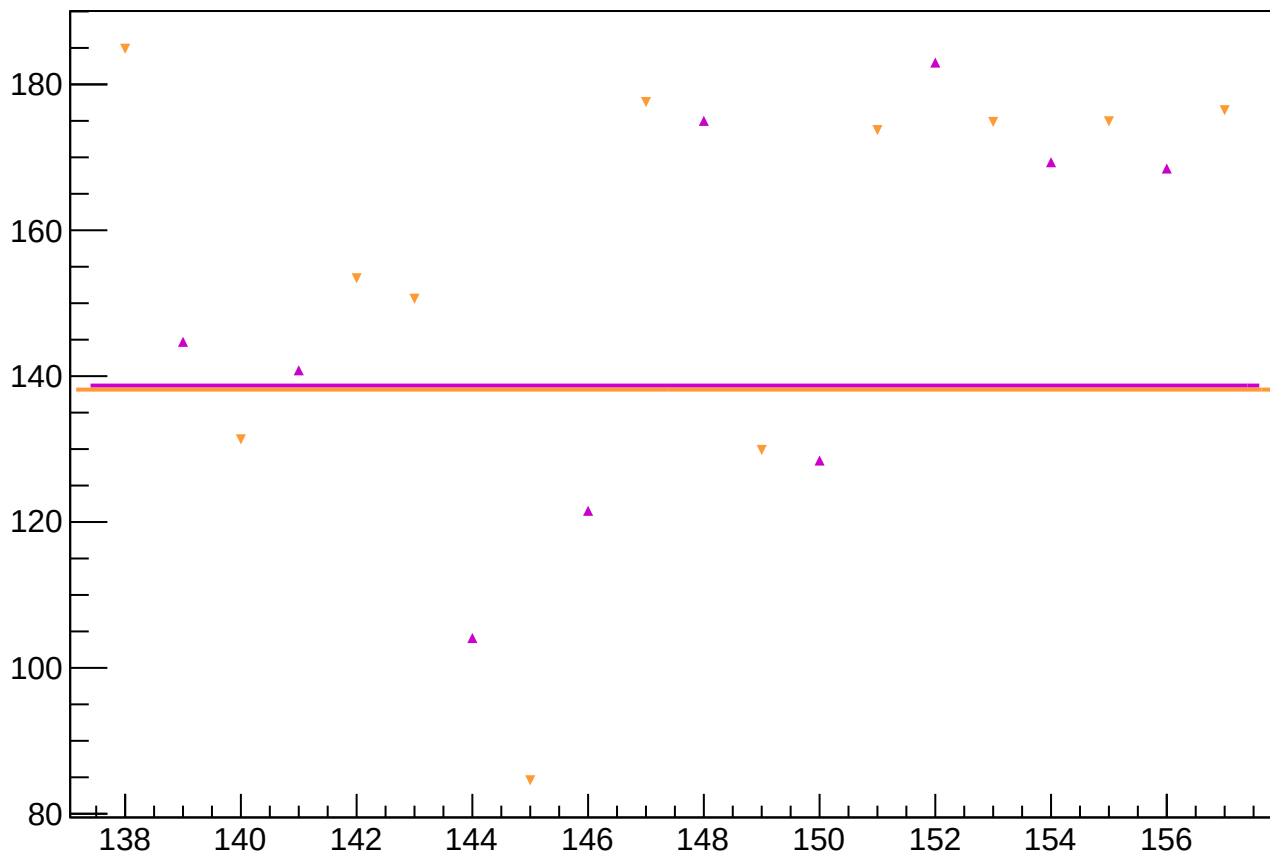
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.848+/-52.110 χ^2/NDF : 8.9/8

Out: -179.648+/-49.961 χ^2/NDF : 9.4/10

All: -40.034+/-36.063 χ^2/NDF : 34.7/19

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 138.155+/-0.035 χ^2/NDF :1090181.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 138.707+/-0.037 χ^2/NDF :495177.0/8

Left: 138.419+/-0.026 χ^2/NDF : 1585475.4/19

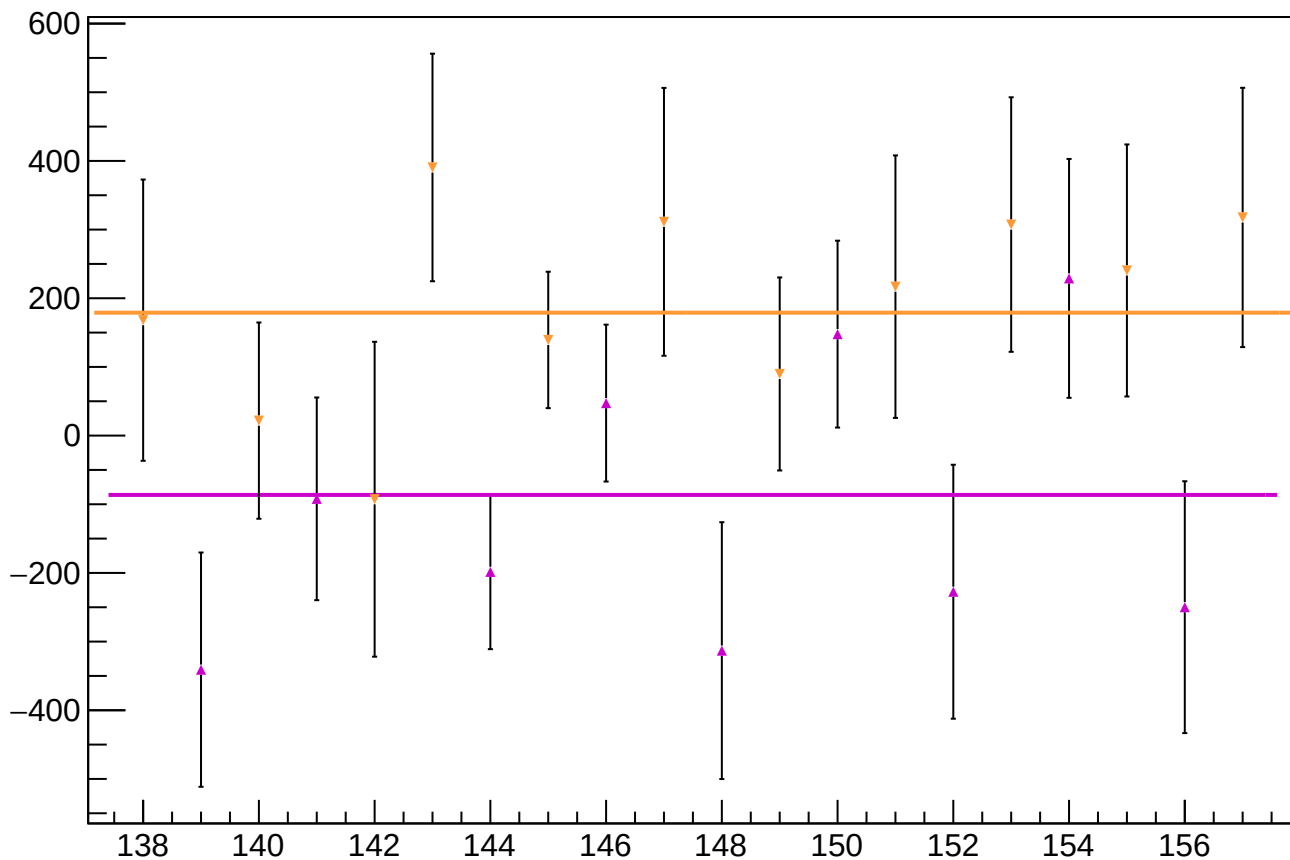
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.707+/-0.037 χ^2/NDF :495177.0/8

Out: 138.155+/-0.035 χ^2/NDF :1090181.4/10

All: 138.419+/-0.026 χ^2/NDF : 1585475.4/19

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 178.993 $\pm$ 48.751 χ^2 /NDF:6.4/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -86.403 $\pm$ 49.359 χ^2 /NDF:13.7/8

Left: 47.939 $\pm$ 34.685 χ^2 /NDF: 34.8/19

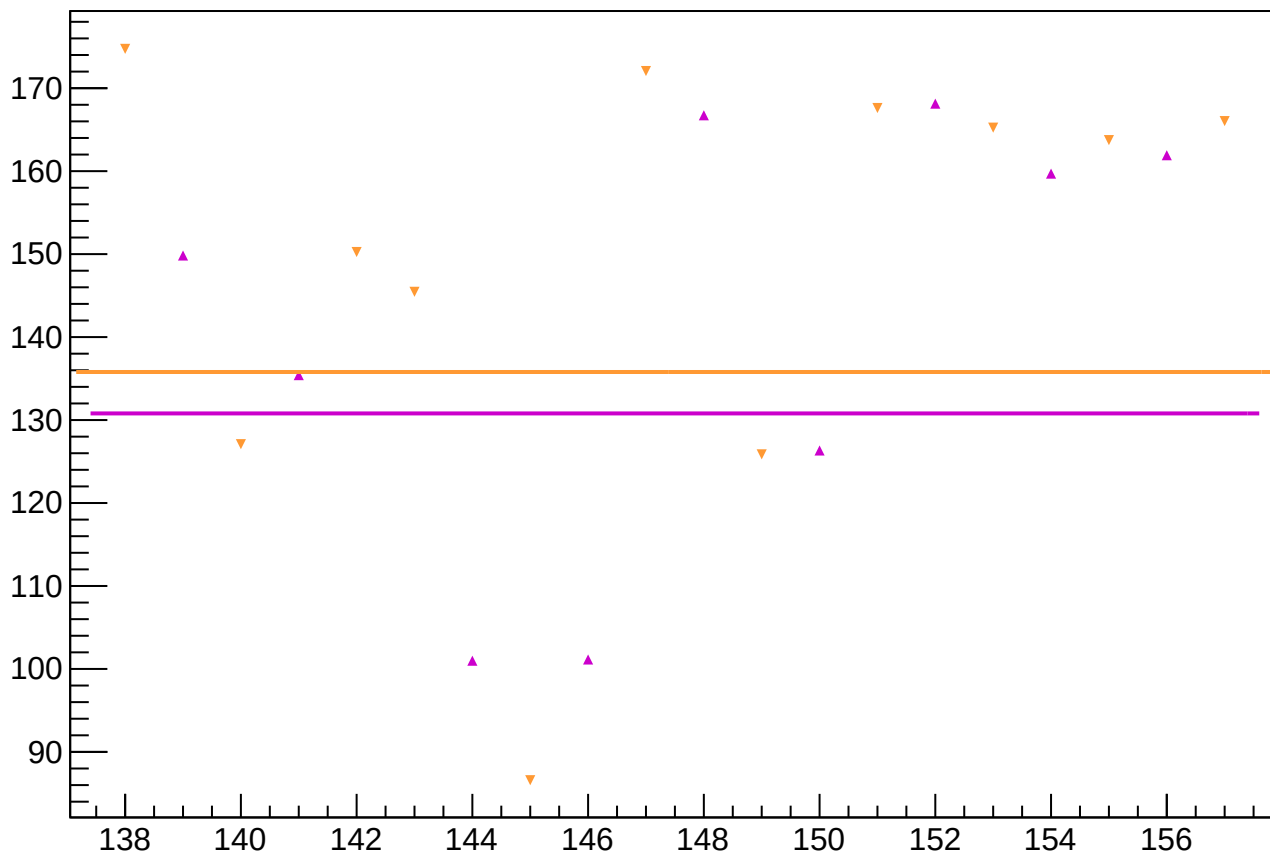
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -86.403 $\pm$ 49.359 χ^2 /NDF:13.7/8

Out: 178.993 $\pm$ 48.751 χ^2 /NDF:6.4/10

All: 47.939 $\pm$ 34.685 χ^2 /NDF: 34.8/19

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.799+/-0.035 χ^2/NDF : 572251.5/8

Left: 133.326+/-0.025 χ^2/NDF : 1450734.4/19

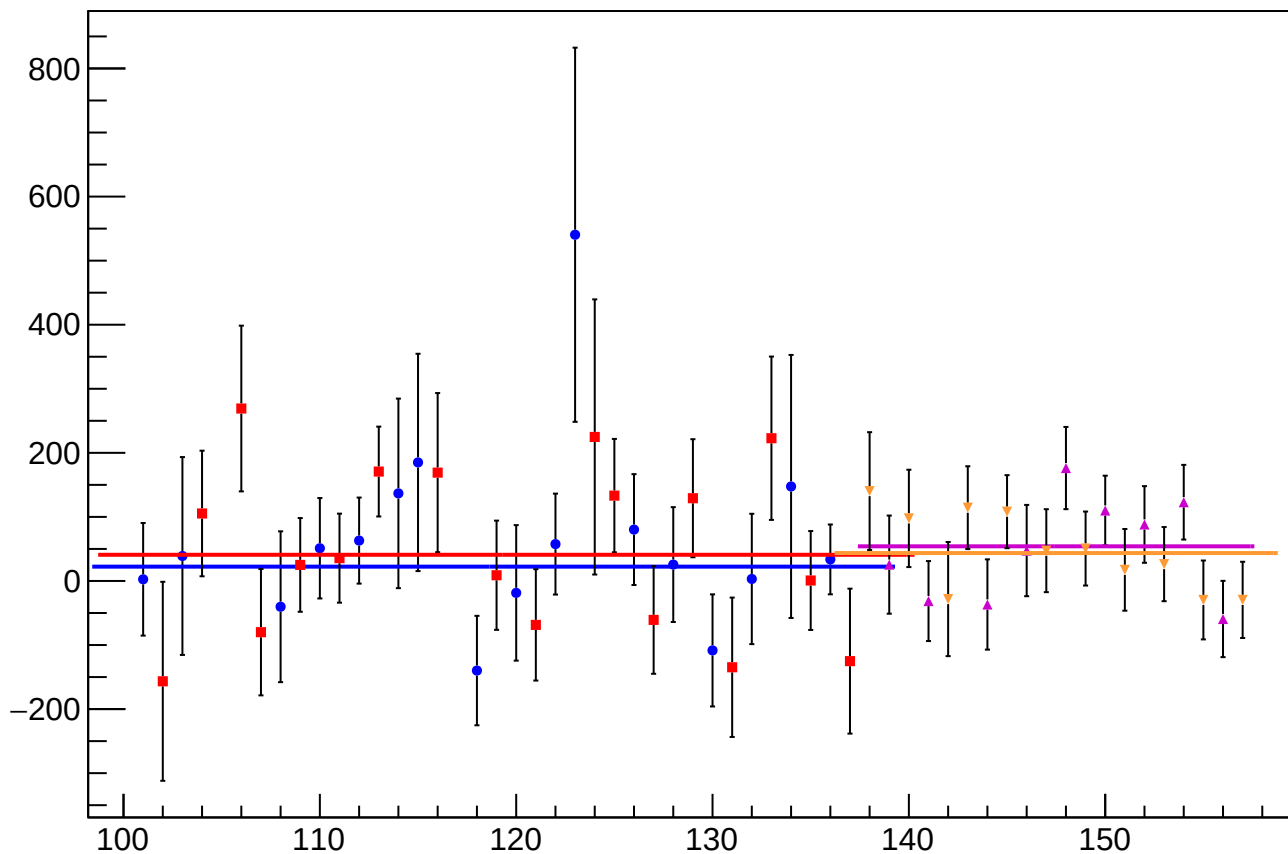
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.799+/-0.035 χ^2/NDF : 572251.5/8

Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

All: 133.326+/-0.025 χ^2/NDF : 1450734.4/19

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 43.572 $\pm$ 19.635 χ^2 /NDF: 7.9/10

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 54.086 $\pm$ 21.019 χ^2 /NDF: 13.7/8

Left: 48.471 $\pm$ 14.349 χ^2 /NDF: 21.8/19

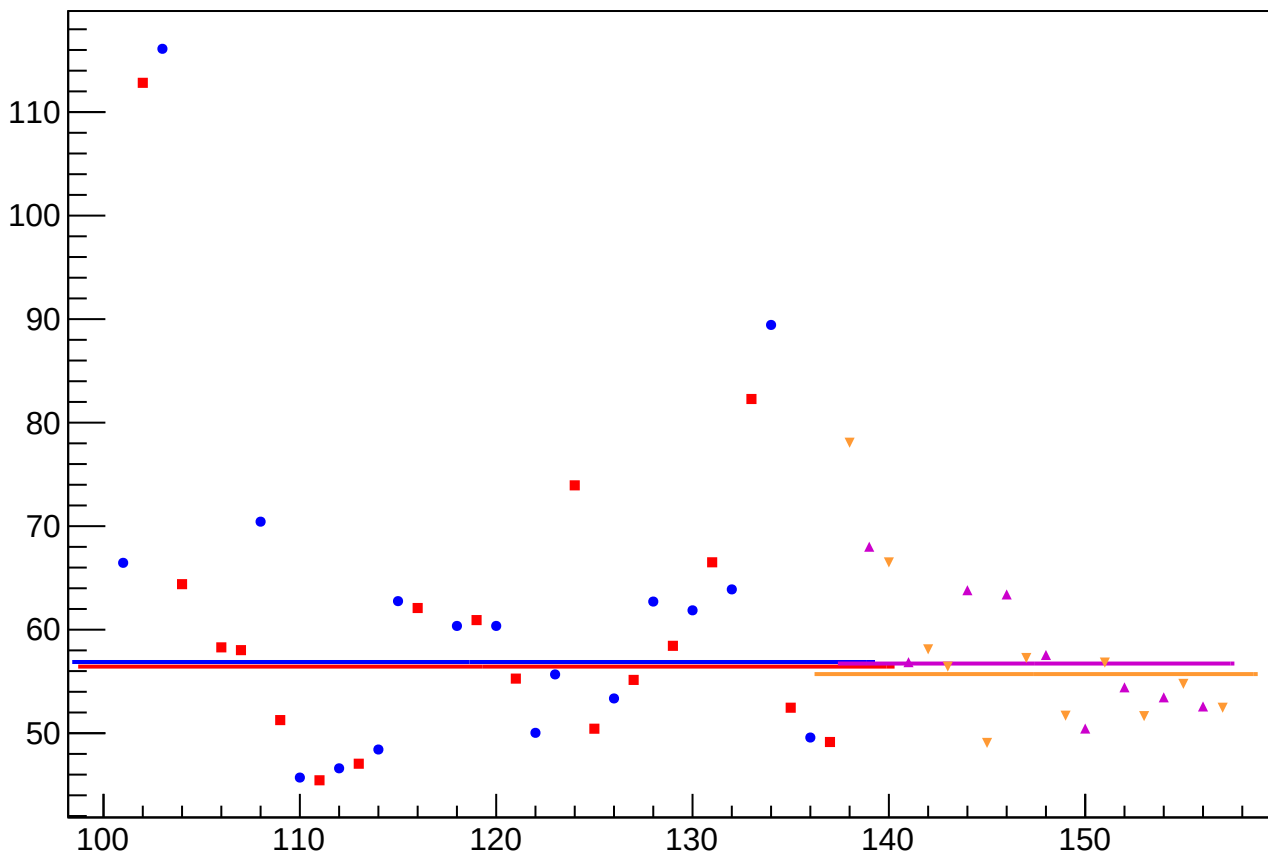
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 39.389 $\pm$ 15.399 χ^2 /NDF: 27.4/25

Out: 42.381 $\pm$ 14.689 χ^2 /NDF: 32.2/28

All: 40.956 $\pm$ 10.629 χ^2 /NDF: 59.6/54

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.711 $\pm$ 0.014 χ^2 /NDF: 215097.8/10

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.729 $\pm$ 0.015 χ^2 /NDF: 127197.1/8

Left: 56.186 $\pm$ 0.010 χ^2 /NDF: 344802.1/19

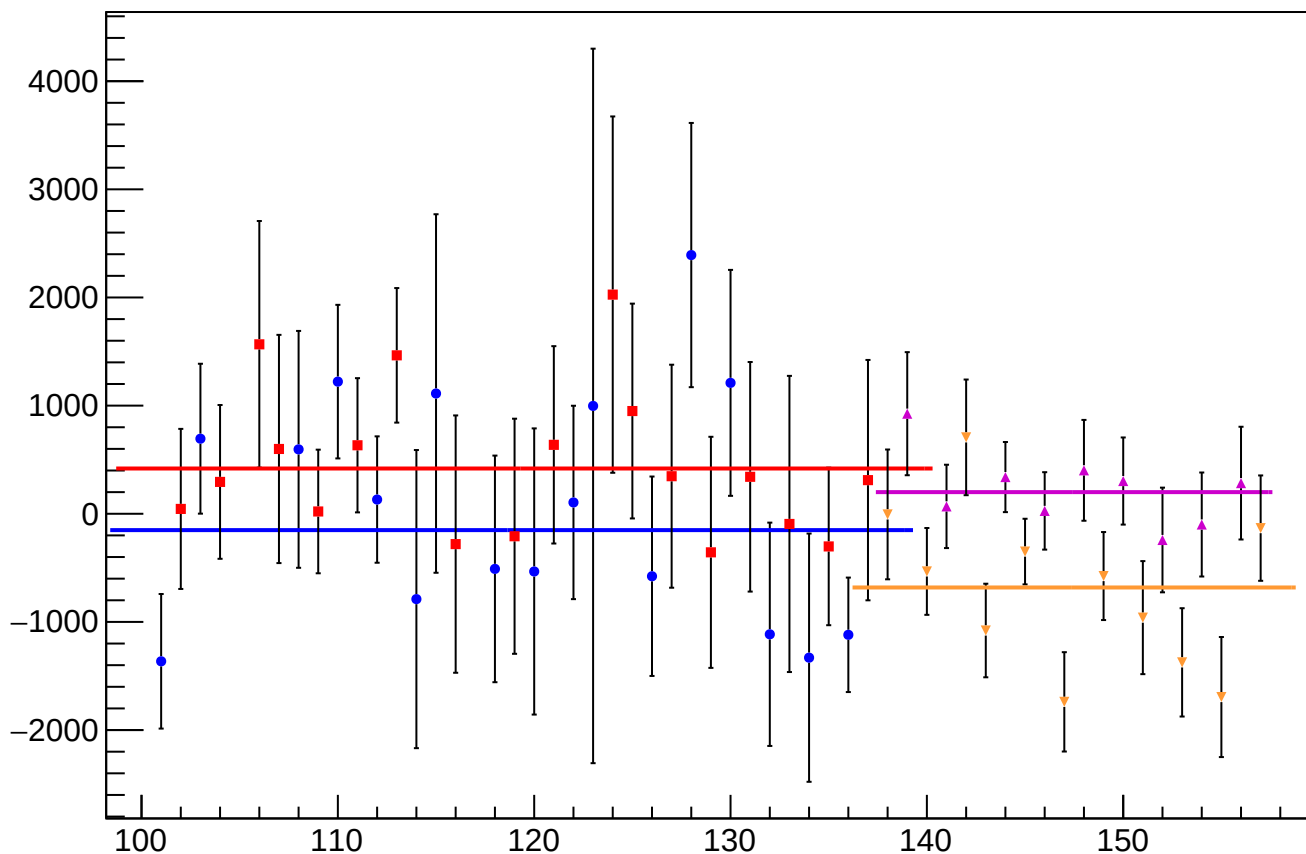
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.799 $\pm$ 0.011 χ^2 /NDF: 702731.0/25

Out: 56.029 $\pm$ 0.010 χ^2 /NDF: 736748.9/28

All: 56.396 $\pm$ 0.008 χ^2 /NDF: 1442092.7/54

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: -681.578 $\pm$ 135.365 χ^2 /NDF:22.4/10

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 200.139 $\pm$ 141.170 χ^2 /NDF:3.7/8

Left: -259.221 $\pm$ 97.705 χ^2 /NDF: 46.3/19

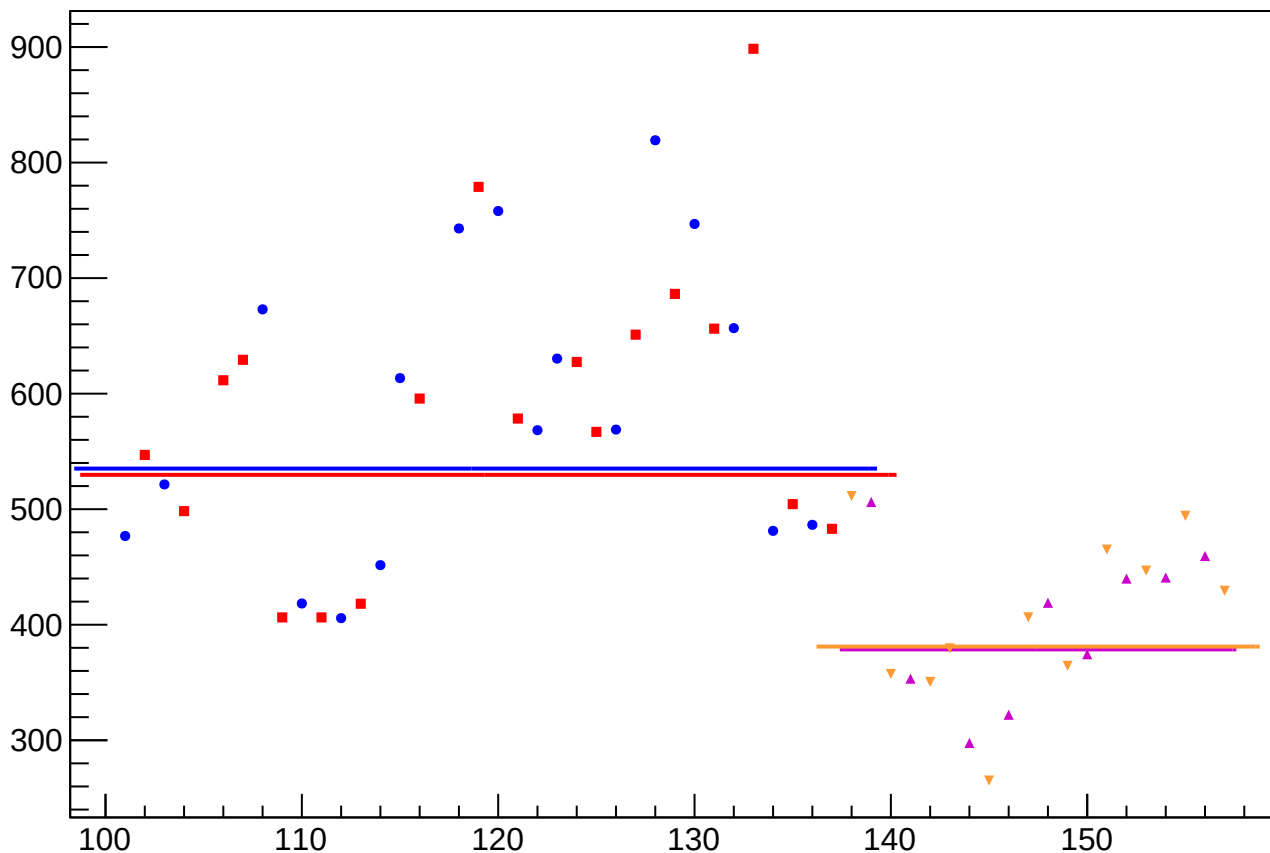
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 92.525 $\pm$ 117.578 χ^2 /NDF:28.0/25

Out: -347.685 $\pm$ 112.970 χ^2 /NDF:50.8/28

All: -136.375 $\pm$ 81.462 χ^2 /NDF: 86.1/54

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 381.084 $\pm$ 0.096 χ^2 /NDF: 598293.8/10

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 378.633 $\pm$ 0.100 χ^2 /NDF: 412819.1/8

Left: 379.910 $\pm$ 0.069 χ^2 /NDF: 1011427.0/19

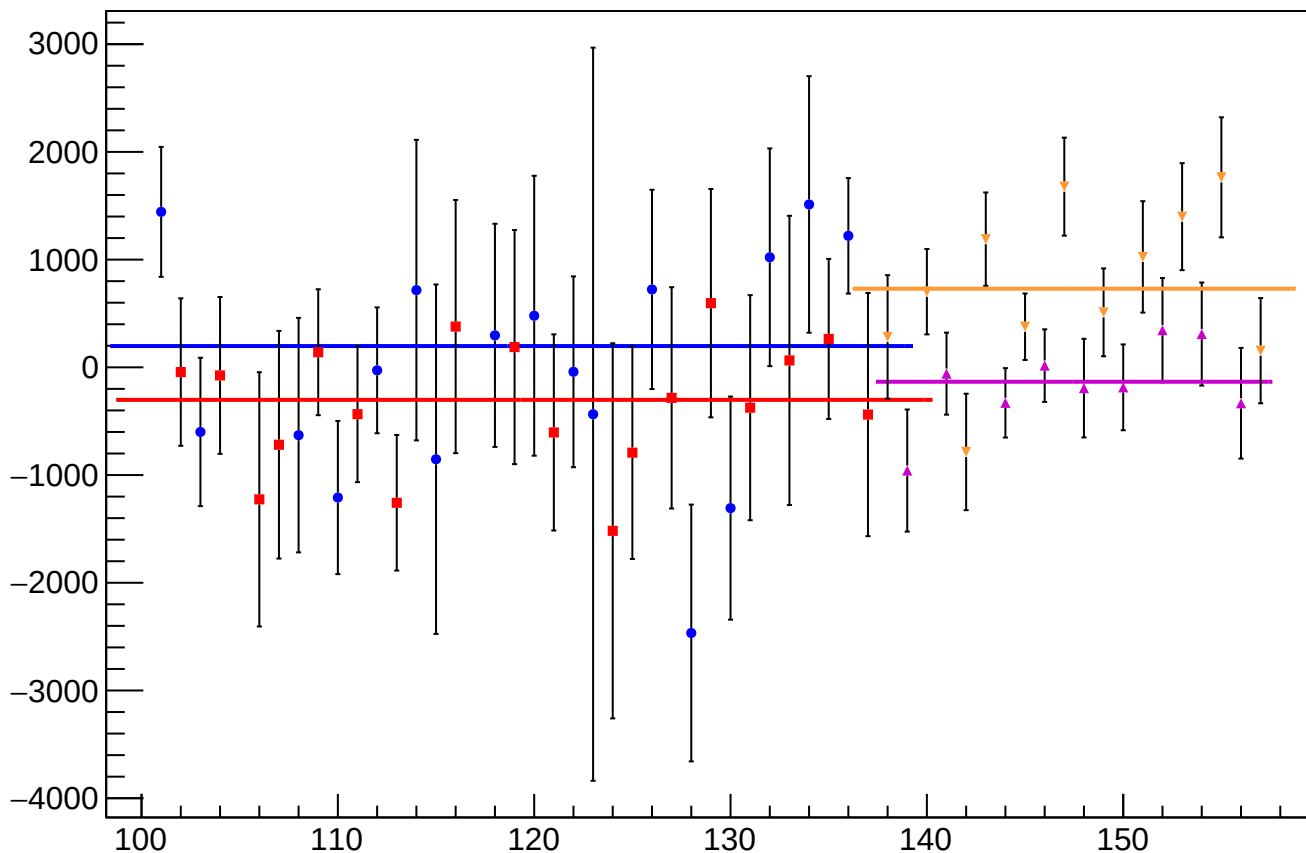
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 426.570 $\pm$ 0.083 χ^2 /NDF: 1761827.2/25

Out: 426.195 $\pm$ 0.080 χ^2 /NDF: 1976881.8/28

All: 426.375 $\pm$ 0.058 χ^2 /NDF: 3738719.6/54

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 730.153 $\pm$ 135.207 χ^2 /NDF:22.5/10

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -133.801 $\pm$ 138.750 χ^2 /NDF:4.7/8

Left: 309.346 $\pm$ 96.834 χ^2 /NDF: 47.1/19

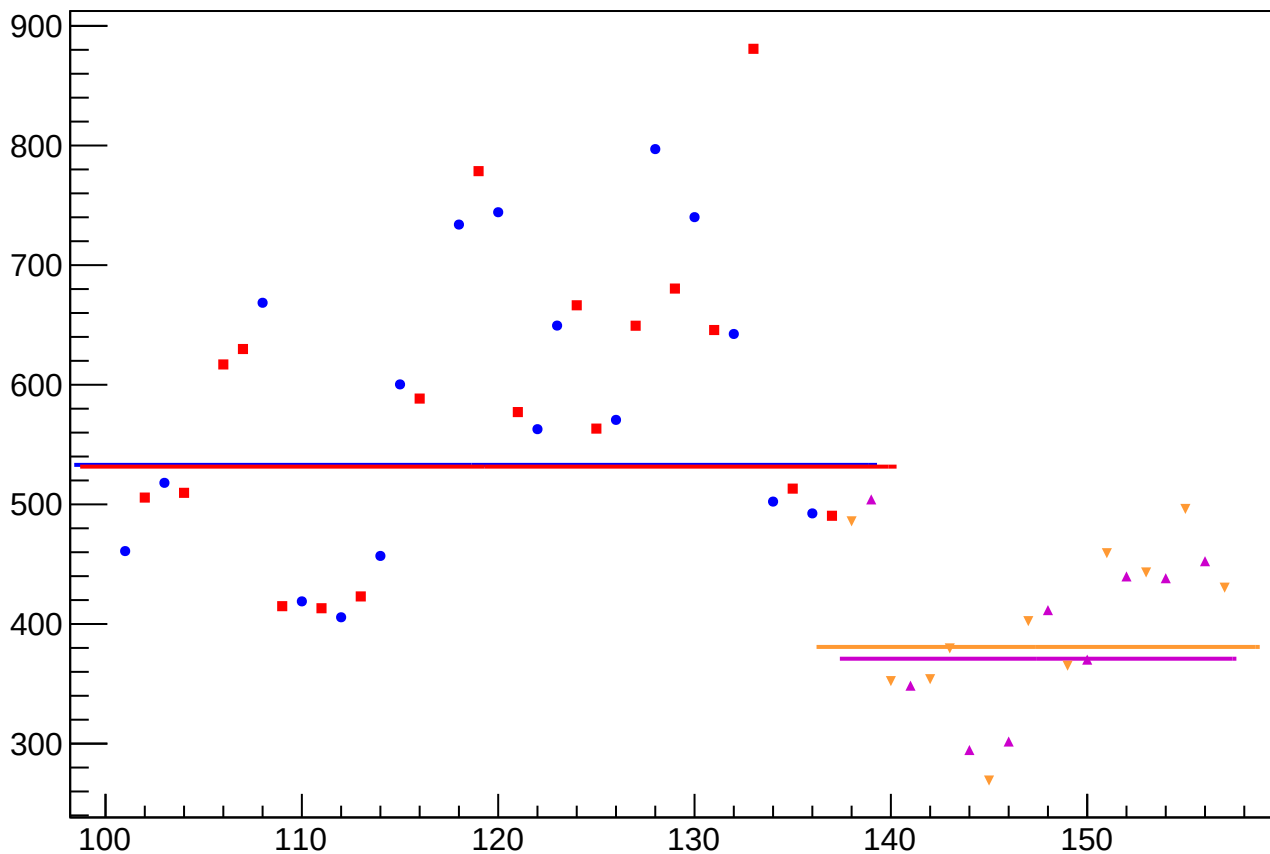
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -34.087 $\pm$ 116.010 χ^2 /NDF:30.4/25

Out: 418.797 $\pm$ 112.985 χ^2 /NDF:46.8/28

All: 198.336 $\pm$ 80.941 χ^2 /NDF: 85.0/54

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 380.836 $\pm$ 0.096 χ^2/NDF : 535532.9/10

Right Out: 531.559 $\pm$ 0.145 χ^2/NDF : 597920.9/17

Left In: 370.985 $\pm$ 0.098 χ^2/NDF : 460148.3/8

Left: 376.038 $\pm$ 0.068 χ^2/NDF : 1000851.7/19

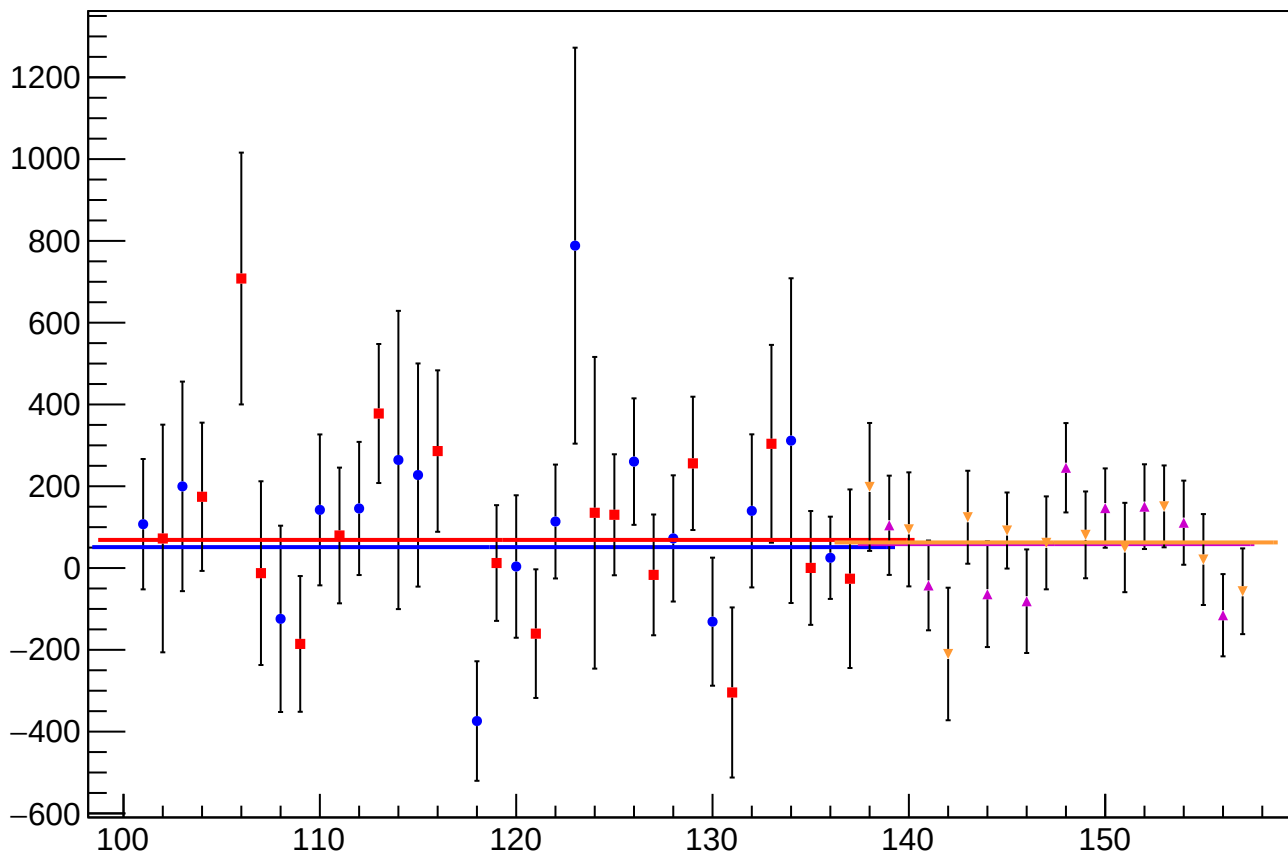
Right: 532.275 $\pm$ 0.104 χ^2/NDF : 1164821.8/34

In: 419.748 $\pm$ 0.082 χ^2/NDF : 1847908.5/25

Out: 426.309 $\pm$ 0.080 χ^2/NDF : 1883289.4/28

All: 423.115 $\pm$ 0.057 χ^2/NDF : 3734480.4/54

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 62.636 $\pm$ 34.402 χ^2 /NDF: 6.3/10

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 58.503 $\pm$ 36.523 χ^2 /NDF: 10.9/8

Left: 60.693 $\pm$ 25.042 χ^2 /NDF: 17.2/19

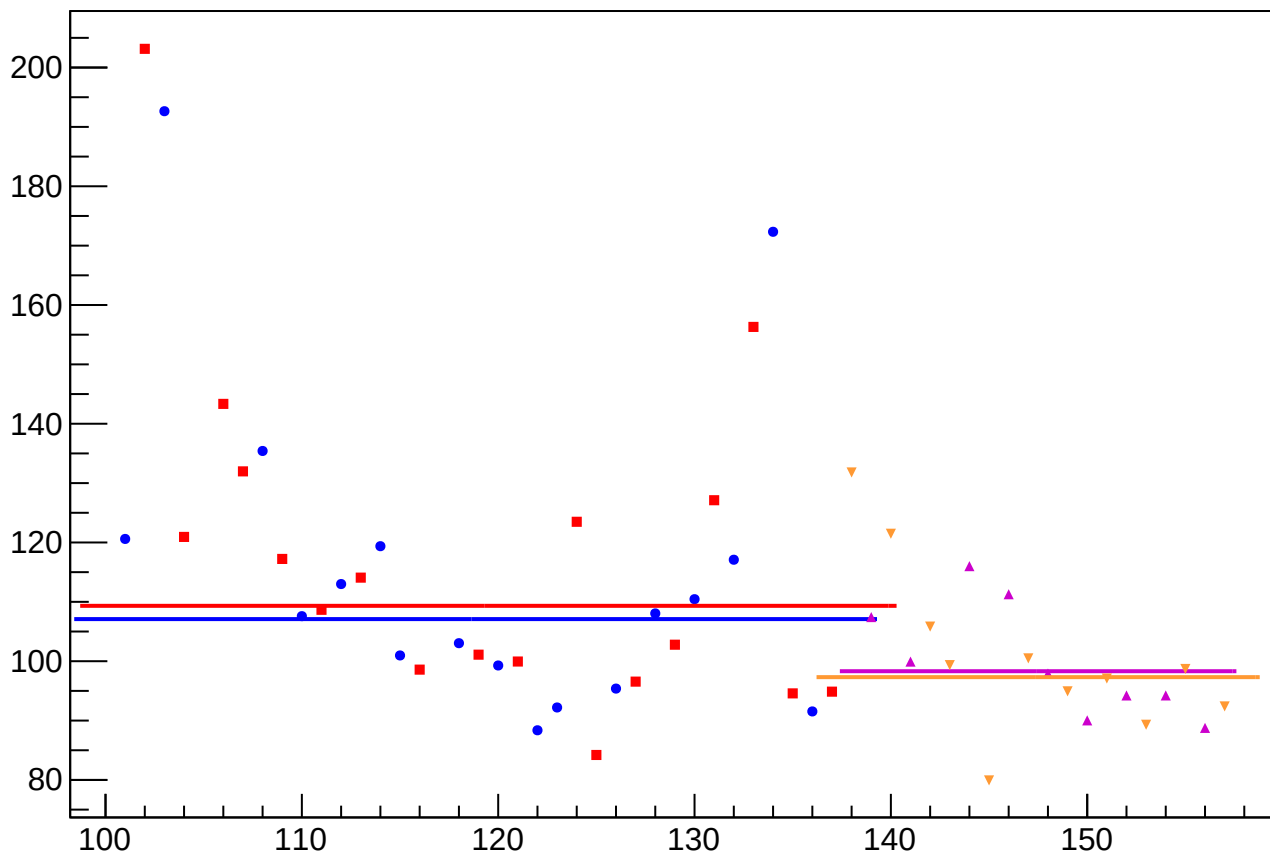
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 55.379 $\pm$ 27.676 χ^2 /NDF: 28.3/25

Out: 65.047 $\pm$ 26.814 χ^2 /NDF: 26.7/28

All: 60.366 $\pm$ 19.258 χ^2 /NDF: 55.0/54

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 97.314 $\pm$ 0.024 χ^2 /NDF:253445.3/10

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 98.314 $\pm$ 0.026 χ^2 /NDF:109099.8/8

Left: 97.784 $\pm$ 0.018 χ^2 /NDF: 363339.4/19

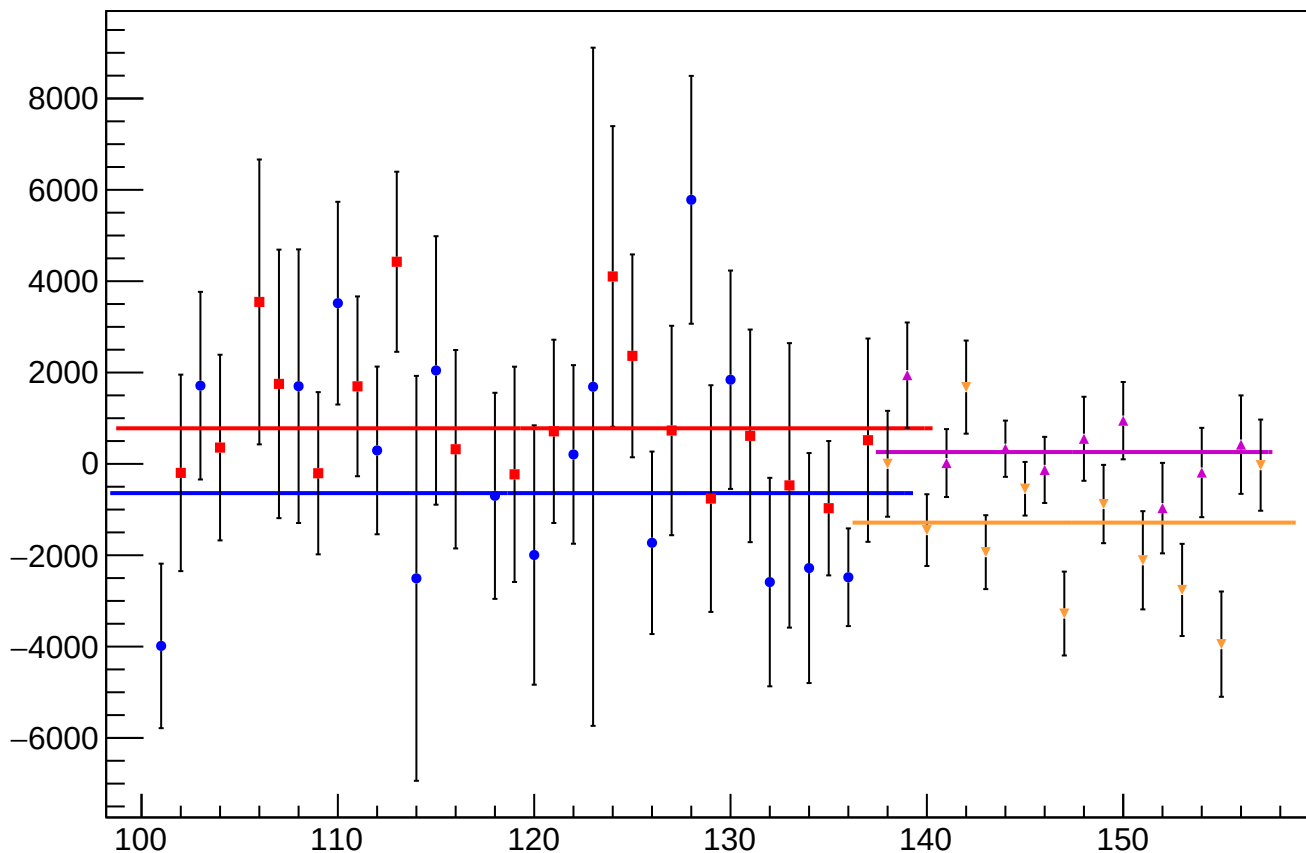
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 102.052 $\pm$ 0.020 χ^2 /NDF:596059.4/25

Out: 102.030 $\pm$ 0.019 χ^2 /NDF:855207.8/28

All: 102.041 $\pm$ 0.014 χ^2 /NDF: 1451267.9/54

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1285.457+/-268.156 χ^2/NDF : 26.5/10

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 259.176+/-281.642 χ^2/NDF : 5.1/8

Left: -551.003+/-194.208 χ^2/NDF : 47.4/19

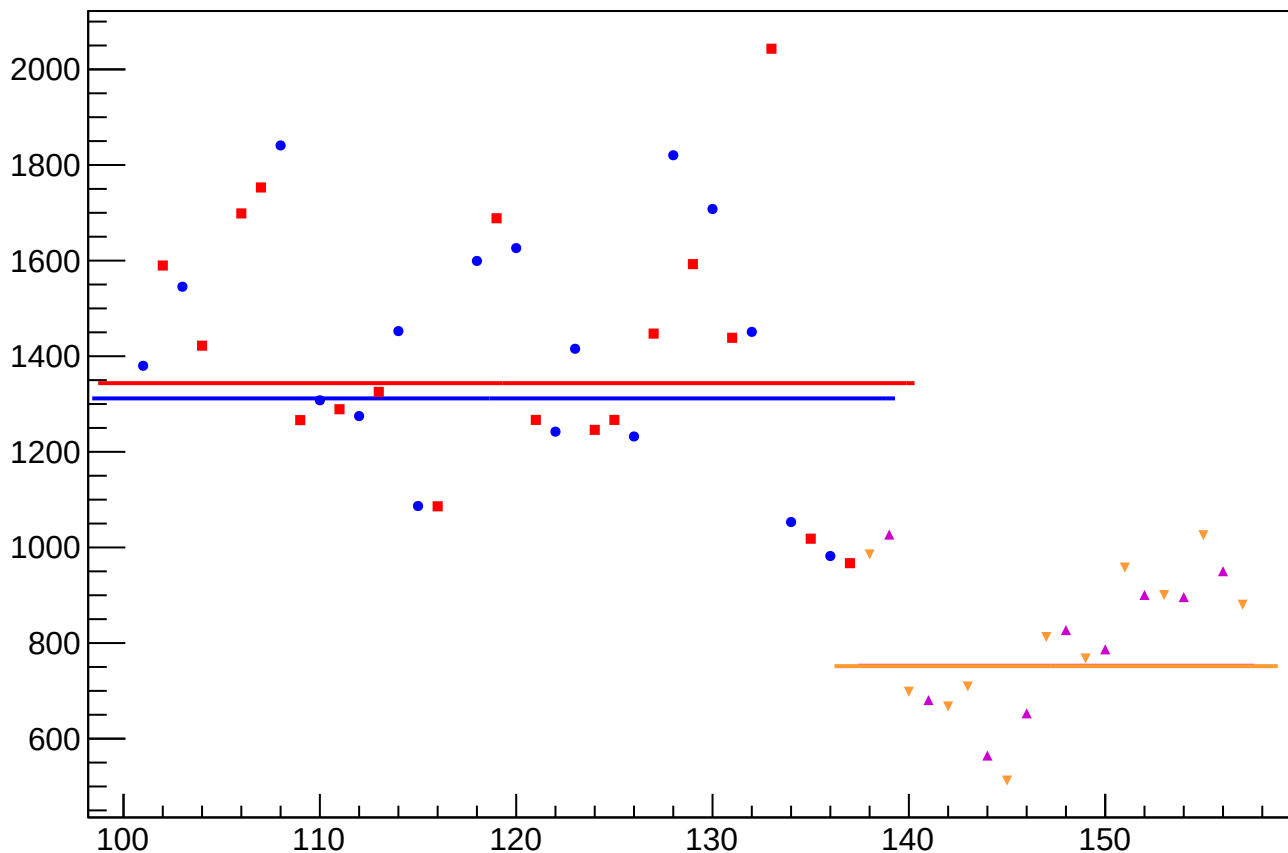
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 54.808+/-247.569 χ^2/NDF : 29.2/25

Out: -846.973+/-237.988 χ^2/NDF : 48.0/28

All: -413.870+/-171.570 χ^2/NDF : 84.0/54

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 751.692+/-0.190 χ^2/NDF : 714654.2/10

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 752.440+/-0.199 χ^2/NDF : 527315.0/8

Left: 752.048+/-0.137 χ^2/NDF : 1241976.6/19

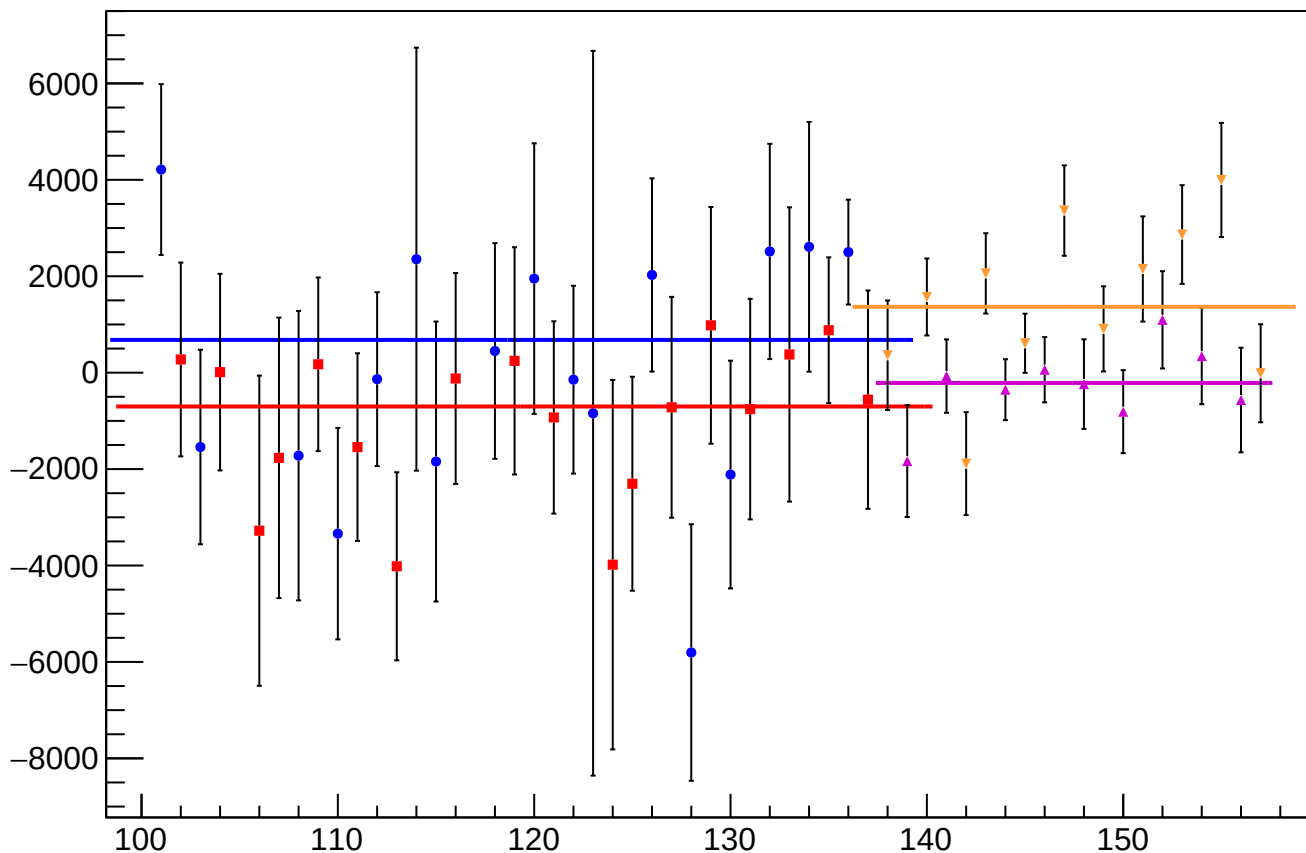
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 879.594+/-0.175 χ^2/NDF : 2833291.7/25

Out: 877.397+/-0.168 χ^2/NDF : 3245331.7/28

All: 878.452+/-0.121 χ^2/NDF : 6078705.3/54

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1366.340+/-275.095 χ^2/NDF : 26.6/10

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -212.962+/-282.845 χ^2/NDF : 4.8/8

Left: 598.623+/-197.205 χ^2/NDF : 47.4/19

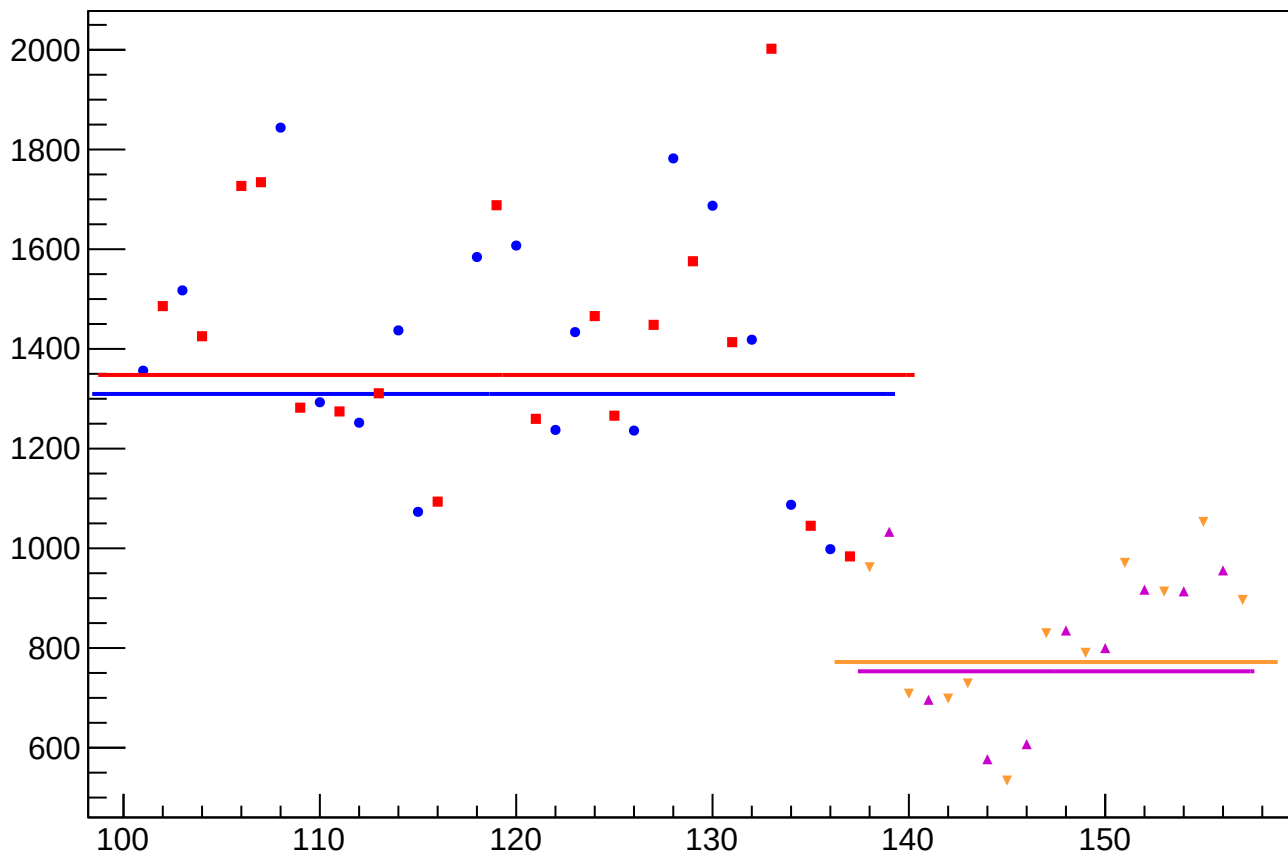
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: -7.588+/-248.194 χ^2/NDF : 29.6/25

Out: 910.626+/-242.888 χ^2/NDF : 46.7/28

All: 461.438+/-173.593 χ^2/NDF : 83.3/54

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 772.016 $\pm$ 0.195 χ^2/NDF : 639541.9/10

Right Out: 1347.768 $\pm$ 0.366 χ^2/NDF : 405345.0/17

Left In: 753.287 $\pm$ 0.200 χ^2/NDF : 572040.9/8

Left: 762.912 $\pm$ 0.139 χ^2/NDF : 1216089.3/19

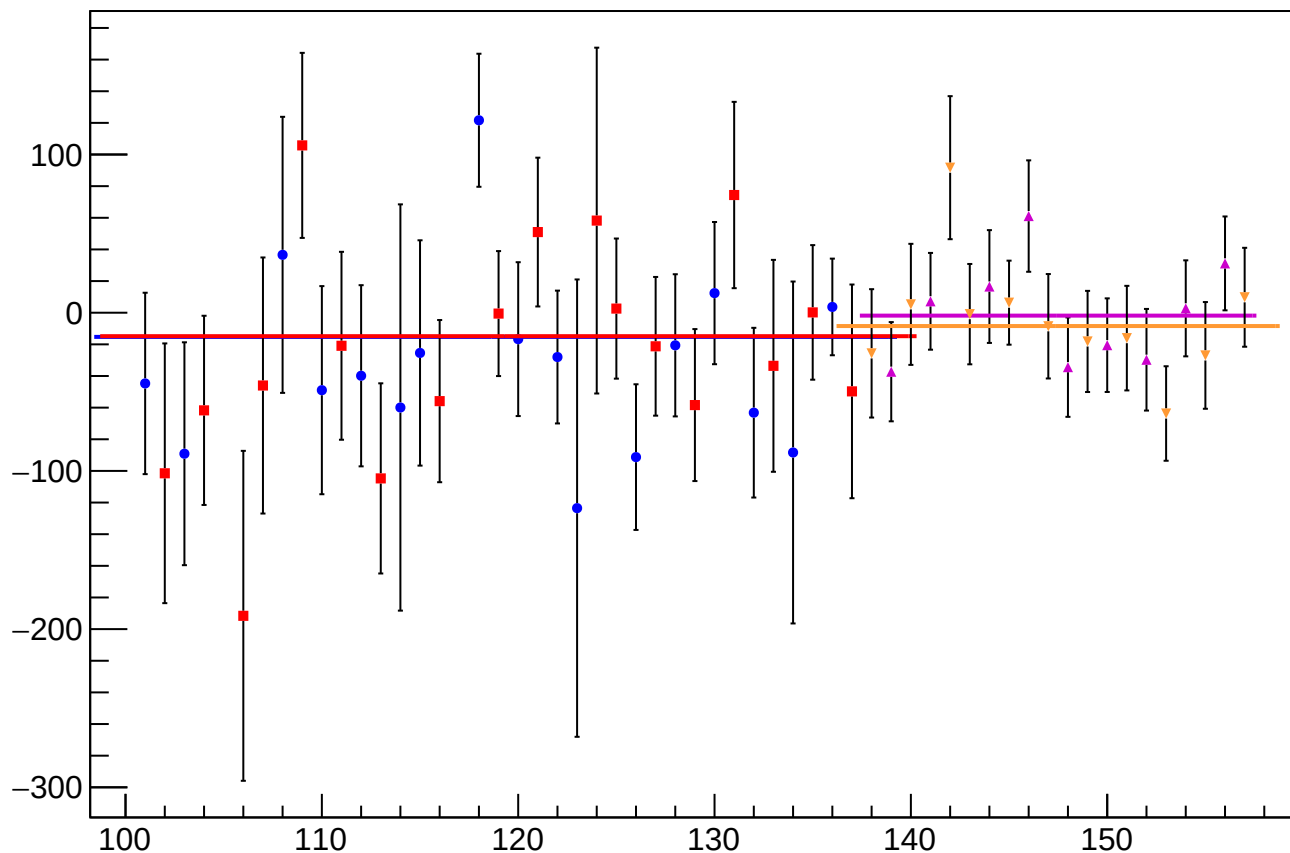
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 881.258 $\pm$ 0.175 χ^2/NDF : 2811286.6/25

Out: 898.936 $\pm$ 0.172 χ^2/NDF : 2976101.8/28

All: 890.288 $\pm$ 0.123 χ^2/NDF : 5792571.6/54

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -8.429 ± 9.986 $\chi^2/\text{NDF}: 9.8/10$

Right Out: -14.839 ± 13.097 $\chi^2/\text{NDF}: 18.2/17$

Left In: -1.838 ± 10.526 $\chi^2/\text{NDF}: 8.3/8$

Left: -5.307 ± 7.245 $\chi^2/\text{NDF}: 18.3/19$

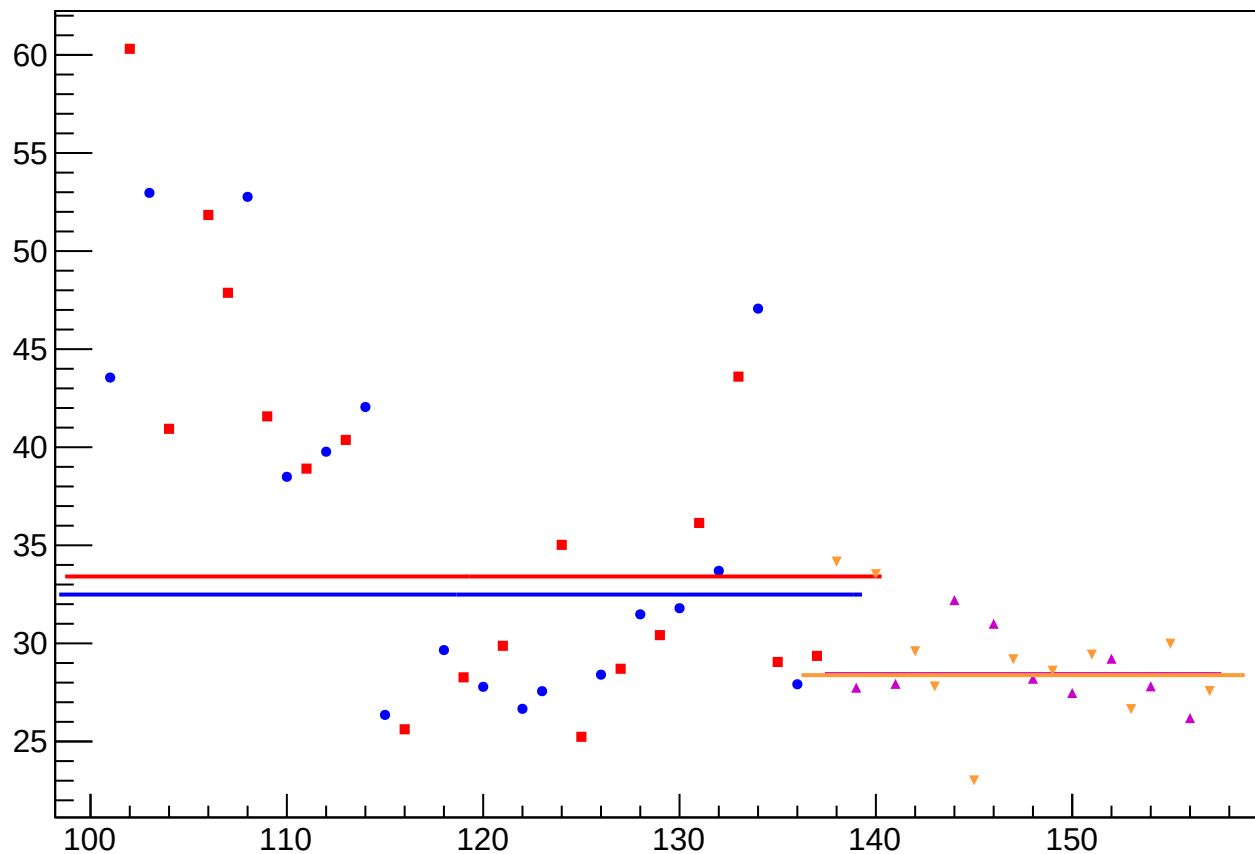
Right: -15.063 ± 9.193 $\chi^2/\text{NDF}: 36.5/34$

In: -7.208 ± 8.157 $\chi^2/\text{NDF}: 27.3/25$

Out: -10.785 ± 7.941 $\chi^2/\text{NDF}: 28.1/28$

All: -9.044 ± 5.690 $\chi^2/\text{NDF}: 55.5/54$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 28.381+/-0.007 χ^2/NDF : 176629.6/10

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 28.435+/-0.007 χ^2/NDF : 50191.6/8

Left: 28.407+/-0.005 χ^2/NDF : 226848.4/19

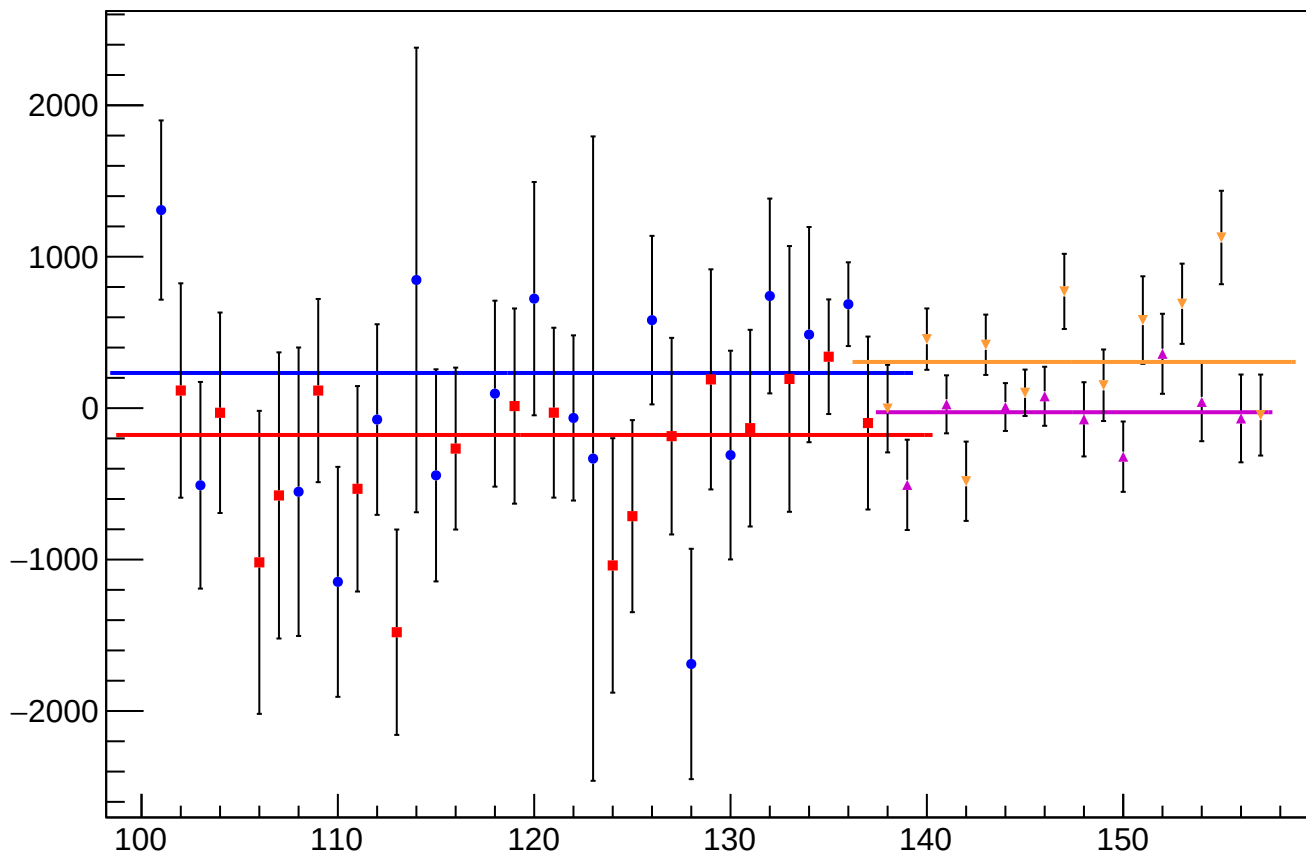
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 30.054+/-0.006 χ^2/NDF : 763180.3/25

Out: 30.230+/-0.006 χ^2/NDF : 1088339.3/28

All: 30.145+/-0.004 χ^2/NDF : 1851998.6/54

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 305.061 ± 70.087 χ^2/NDF : 28.6/10

Right Out: -177.151 ± 150.003 χ^2/NDF : 9.6/17

Left In: -26.963 ± 74.308 χ^2/NDF : 6.9/8

Left: 148.747 ± 50.986 χ^2/NDF : 46.0/19

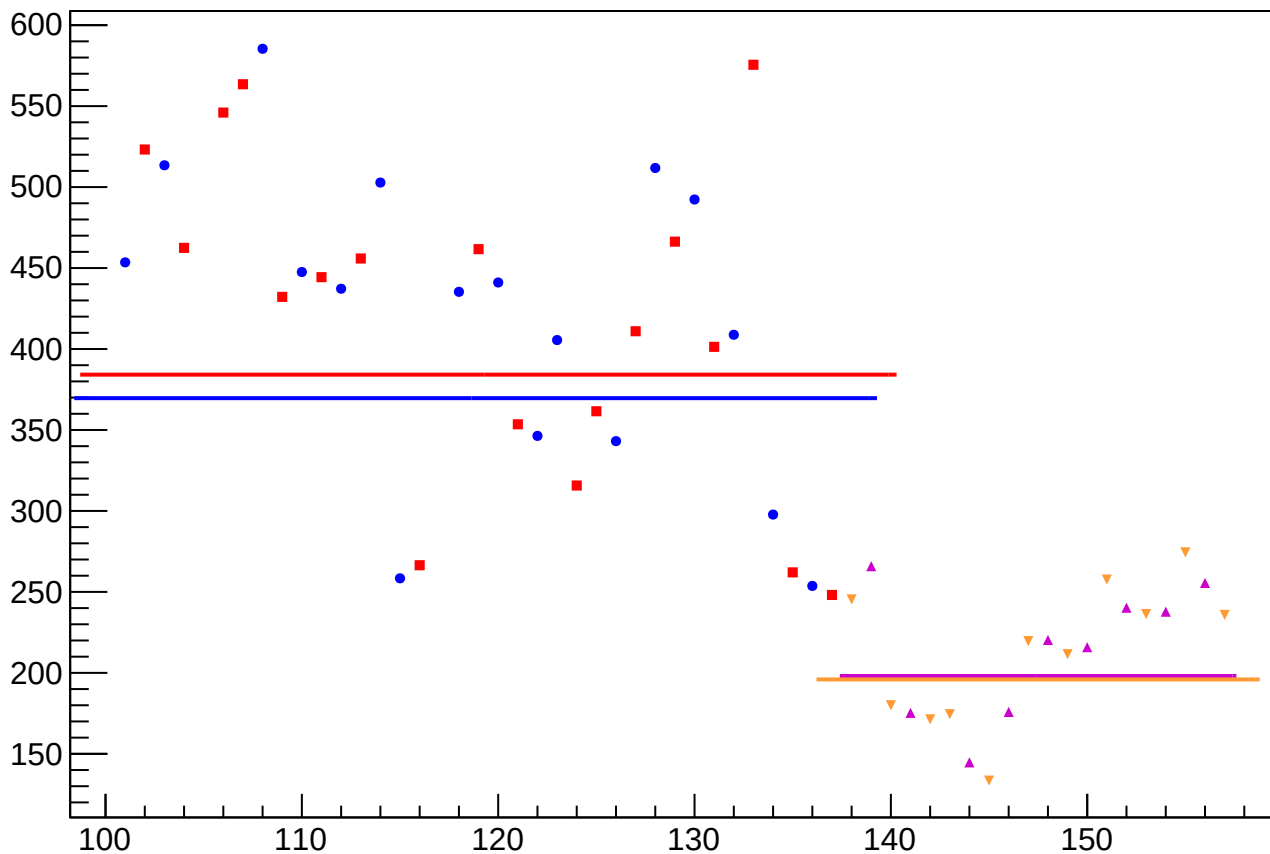
Right: 29.504 ± 105.571 χ^2/NDF : 34.8/34

In: 24.902 ± 66.463 χ^2/NDF : 30.8/25

Out: 218.652 ± 63.498 χ^2/NDF : 46.7/28

All: 126.194 ± 45.912 χ^2/NDF : 81.9/54

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 195.942 $\pm$ 0.050 χ^2 /NDF: 782650.0/10

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 198.064 $\pm$ 0.053 χ^2 /NDF: 589945.4/8

Left: 196.941 $\pm$ 0.036 χ^2 /NDF: 1373458.6/19

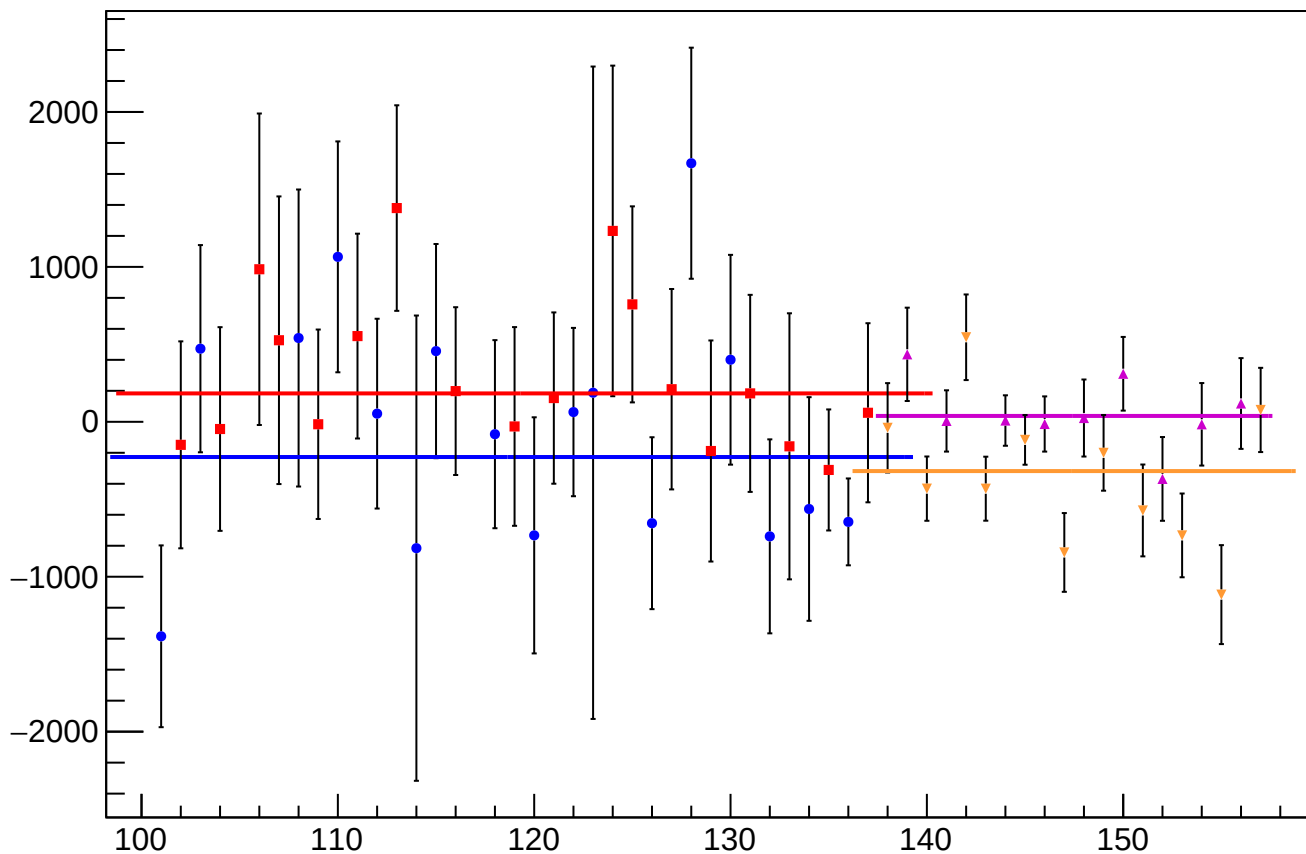
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 232.385 $\pm$ 0.047 χ^2 /NDF: 3625715.7/25

Out: 229.671 $\pm$ 0.045 χ^2 /NDF: 4242547.5/28

All: 230.966 $\pm$ 0.032 χ^2 /NDF: 7870006.0/54

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -318.026 ± 72.302 χ^2/NDF : 28.8/10

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: 37.946 ± 74.730 χ^2/NDF : 5.6/8

Left: -145.916 ± 51.962 χ^2/NDF : 46.1/19

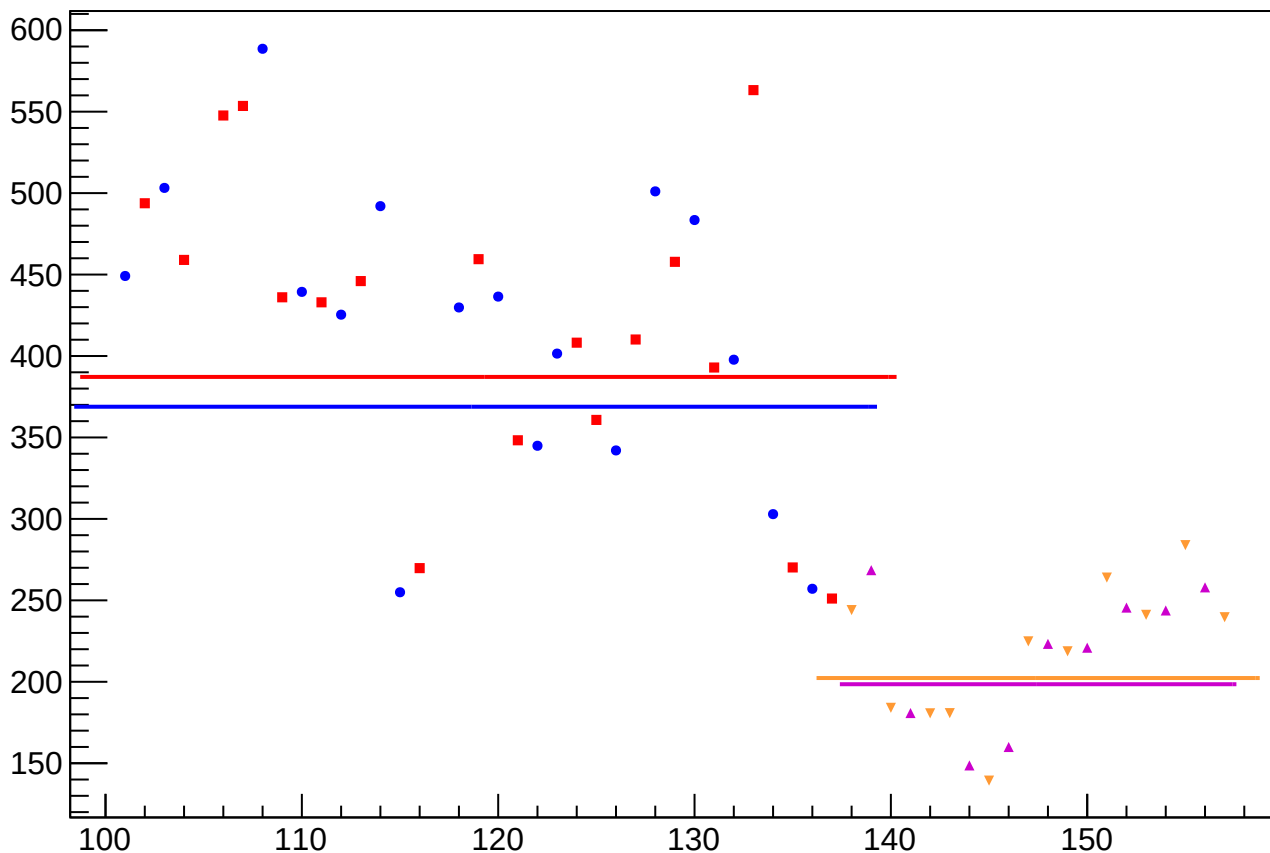
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: -15.981 ± 66.701 χ^2/NDF : 30.0/25

Out: -224.002 ± 65.170 χ^2/NDF : 46.6/28

All: -122.406 ± 46.614 χ^2/NDF : 81.6/54

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 202.312 $\pm$ 0.051 χ^2/NDF : 720544.9/10

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 198.510 $\pm$ 0.053 χ^2/NDF : 643367.5/8

Left: 200.474 $\pm$ 0.037 χ^2/NDF : 1366586.1/19

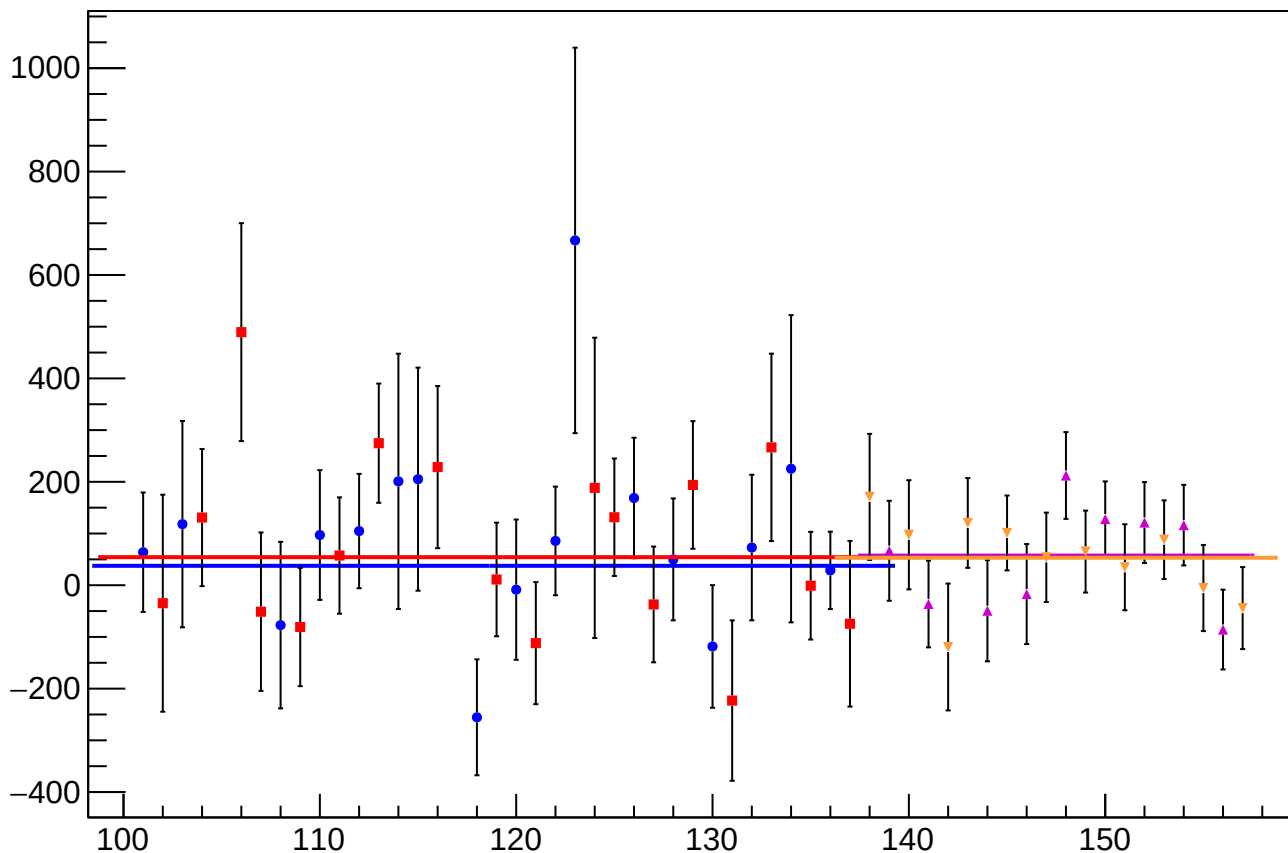
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 233.148 $\pm$ 0.047 χ^2/NDF : 3586304.7/25

Out: 236.980 $\pm$ 0.046 χ^2/NDF : 3930470.9/28

All: 235.108 $\pm$ 0.033 χ^2/NDF : 7520153.7/54

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 53.107 $\pm$ 26.169 χ^2 /NDF: 6.4/10

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 57.314 $\pm$ 27.872 χ^2 /NDF: 12.1/8

Left: 55.078 $\pm$ 19.078 χ^2 /NDF: 18.5/19

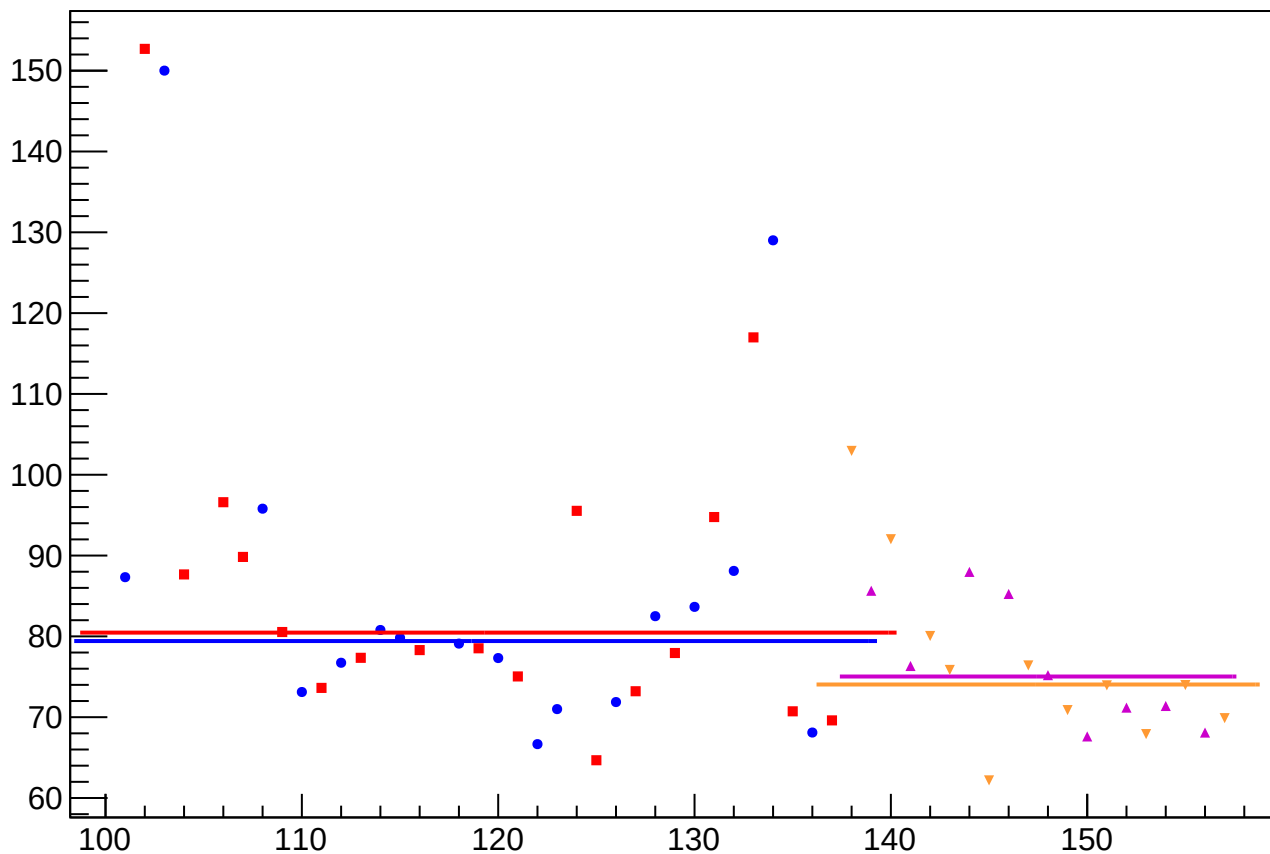
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 48.617 $\pm$ 20.862 χ^2 /NDF: 28.1/25

Out: 53.584 $\pm$ 20.126 χ^2 /NDF: 28.2/28

All: 51.189 $\pm$ 14.485 χ^2 /NDF: 56.4/54

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 74.045 $\pm$ 0.019 χ^2 /NDF: 253046.5/10

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 75.033 $\pm$ 0.020 χ^2 /NDF: 128086.7/8

Left: 74.508 $\pm$ 0.013 χ^2 /NDF: 382470.2/19

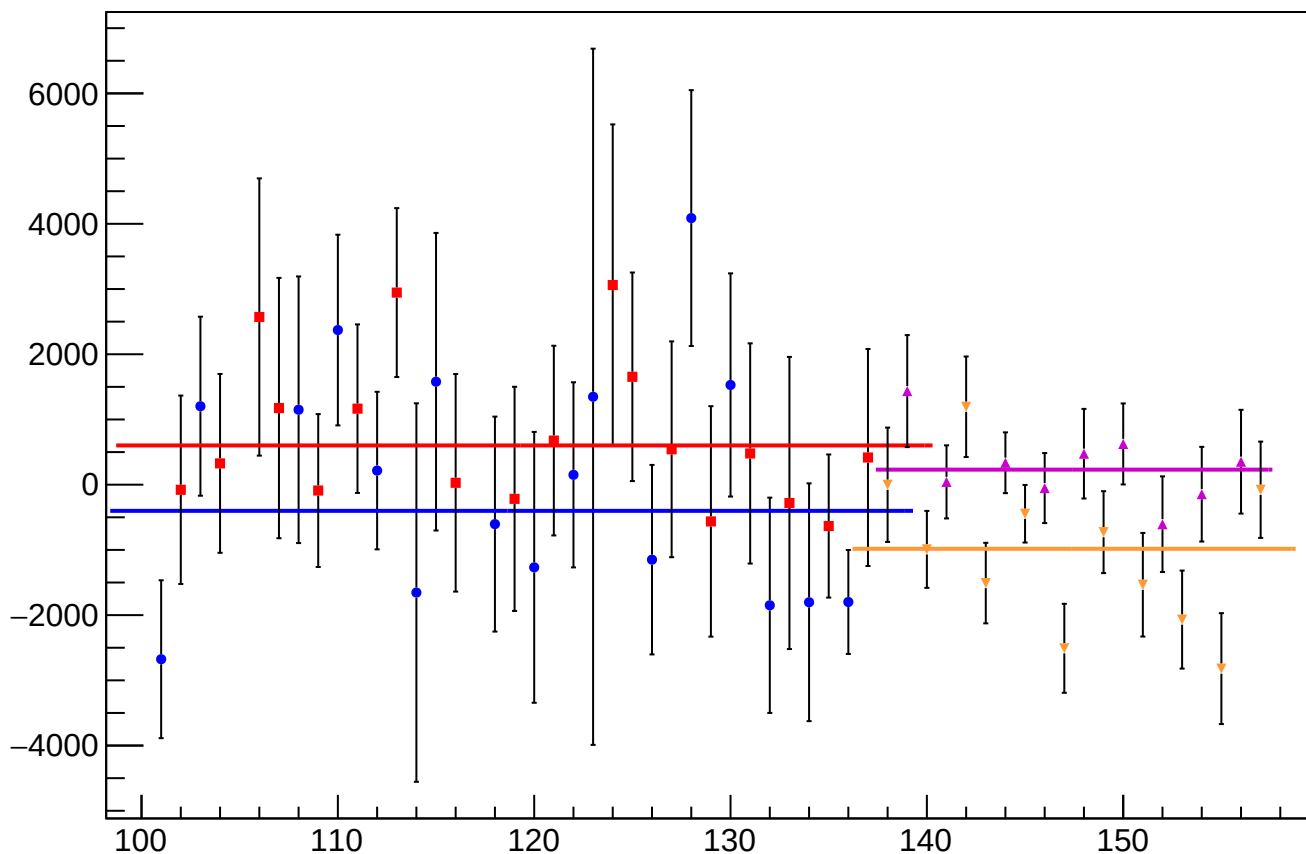
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.963 $\pm$ 0.015 χ^2 /NDF: 588936.3/25

Out: 76.667 $\pm$ 0.014 χ^2 /NDF: 756609.1/28

All: 76.810 $\pm$ 0.010 χ^2 /NDF: 1345752.9/54

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: -983.293 $\pm$ 200.532 χ^2 /NDF:25.4/10

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 230.869 $\pm$ 210.063 χ^2 /NDF:4.5/8

Left: -404.379 $\pm$ 145.050 χ^2 /NDF: 47.4/19

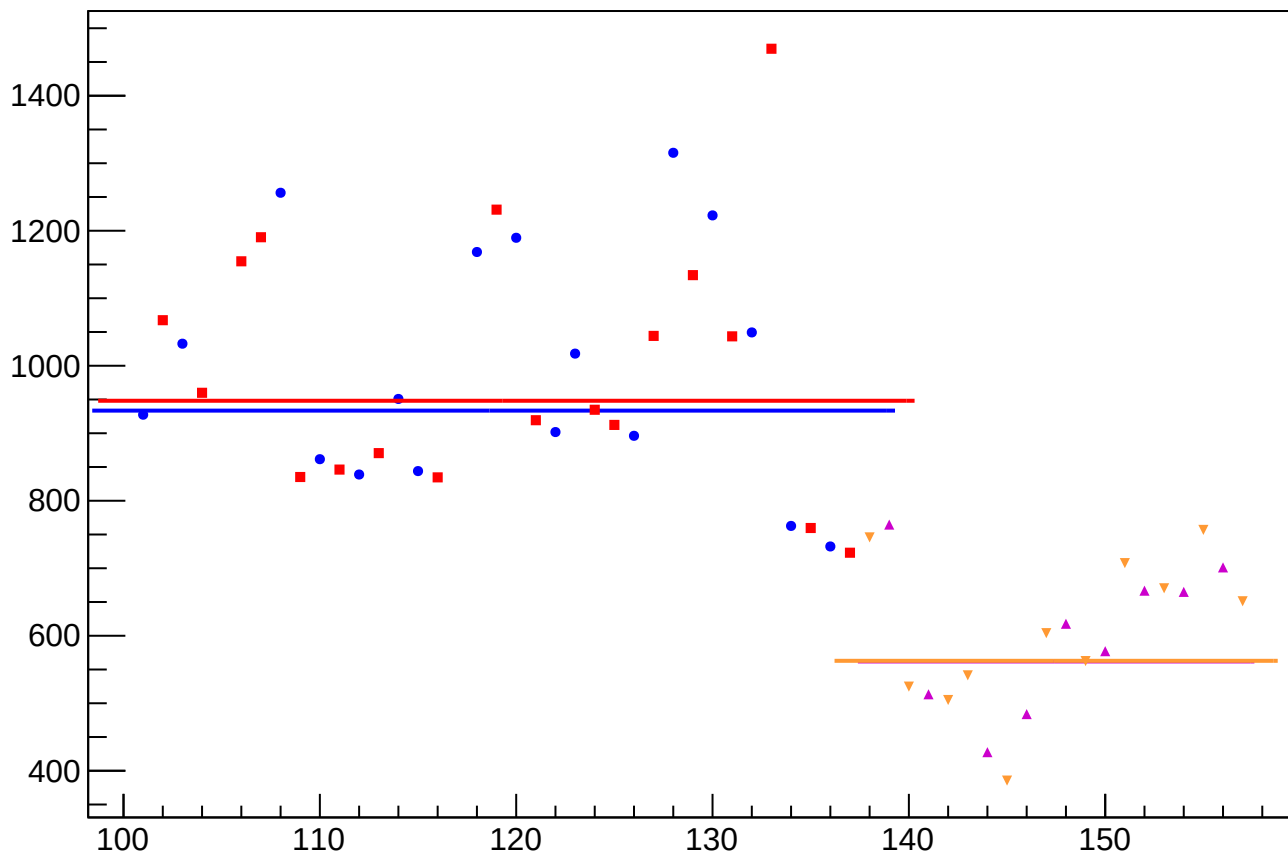
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 75.874 $\pm$ 182.492 χ^2 /NDF:28.7/25

Out: -613.684 $\pm$ 175.605 χ^2 /NDF:48.6/28

All: -282.162 $\pm$ 126.536 χ^2 /NDF: 84.7/54

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 562.886 $\pm$ 0.142 χ^2 /NDF: 679227.3/10

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 561.913 $\pm$ 0.149 χ^2 /NDF: 491934.1/8

Left: 562.422 $\pm$ 0.103 χ^2 /NDF: 1171183.8/19

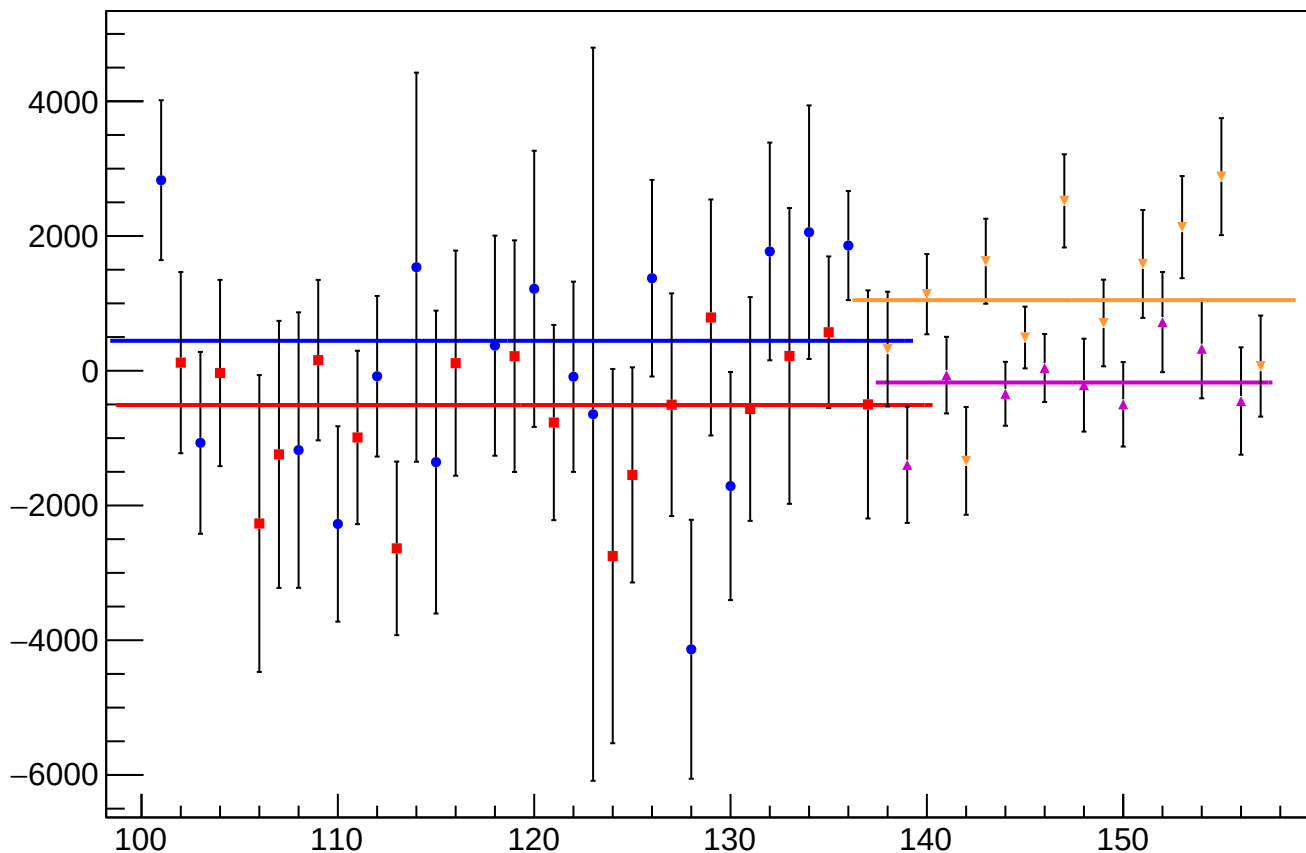
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 653.063 $\pm$ 0.129 χ^2 /NDF: 2469513.4/25

Out: 652.712 $\pm$ 0.124 χ^2 /NDF: 2805444.8/28

All: 652.880 $\pm$ 0.089 χ^2 /NDF: 5274962.1/54

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1048.647+/-204.347 χ^2/NDF : 25.4/10

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -174.178+/-209.901 χ^2/NDF : 4.7/8

Left: 453.625+/-146.419 χ^2/NDF : 47.5/19

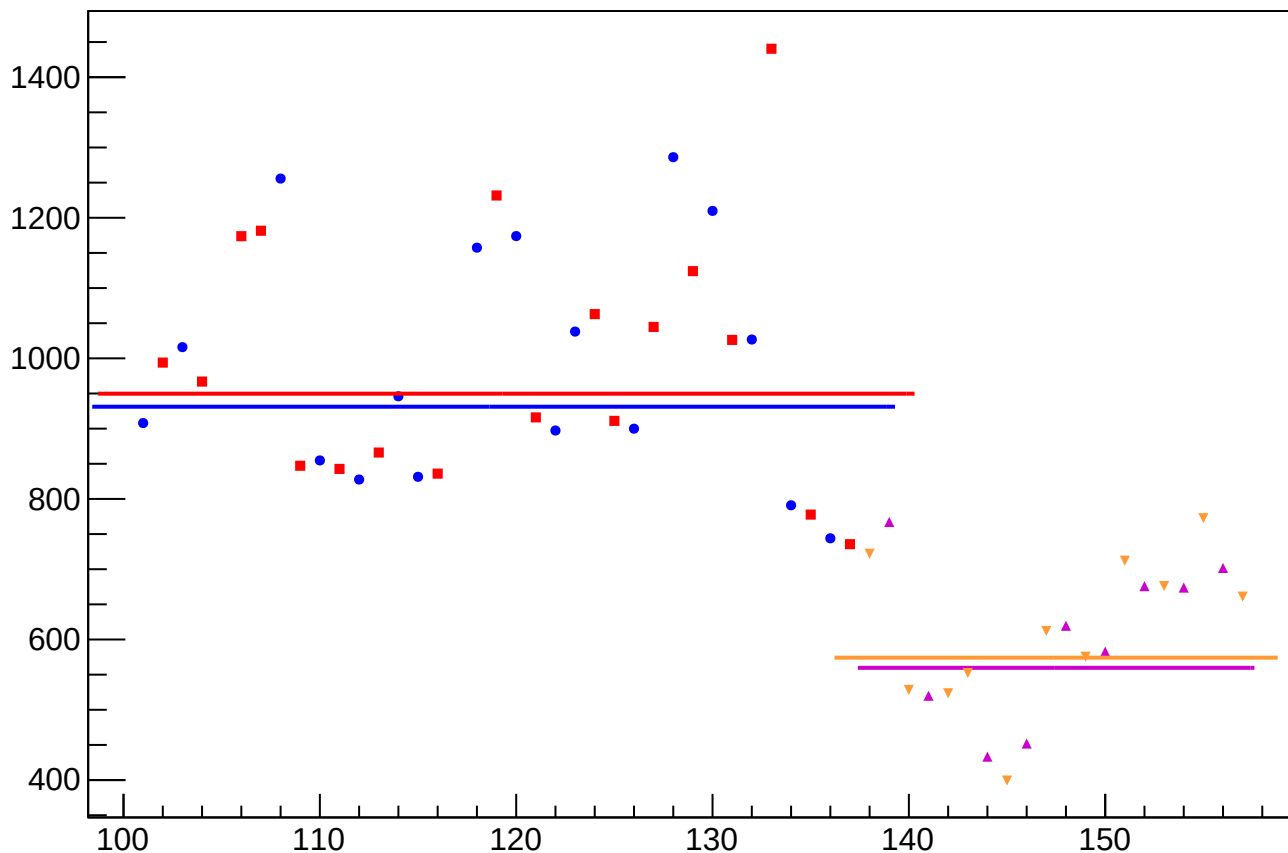
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -21.704+/-182.217 χ^2/NDF : 29.7/25

Out: 675.737+/-178.201 χ^2/NDF : 46.6/28

All: 334.786+/-127.403 χ^2/NDF : 83.8/54

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 574.160 $\pm$ 0.144 χ^2 /NDF: 606222.9/10

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 559.711 $\pm$ 0.148 χ^2 /NDF: 537440.4/8

Left: 567.129 $\pm$ 0.104 χ^2 /NDF: 1148529.2/19

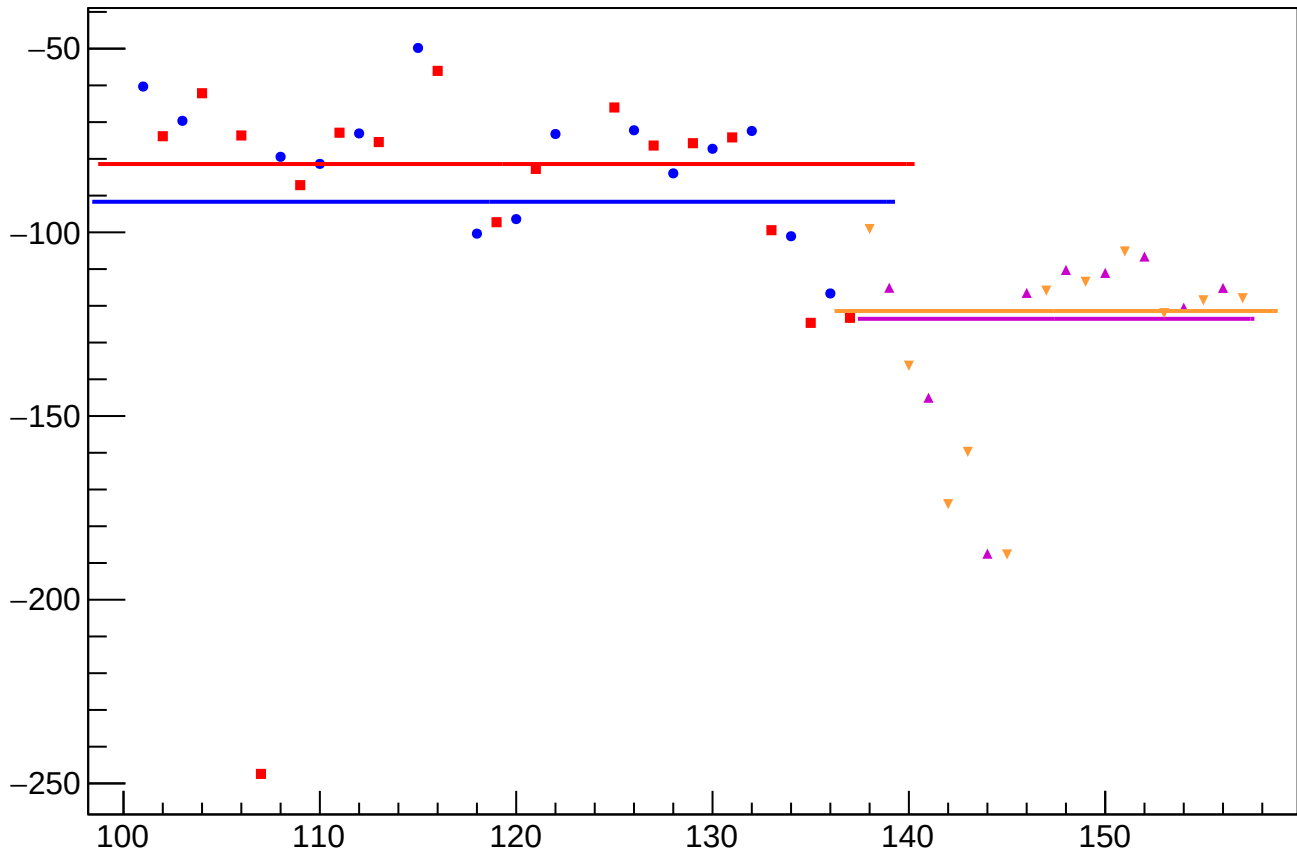
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 651.240 $\pm$ 0.129 χ^2 /NDF: 2481204.6/25

Out: 664.121 $\pm$ 0.126 χ^2 /NDF: 2590037.8/28

All: 657.824 $\pm$ 0.090 χ^2 /NDF: 5076350.9/54

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -121.414 ± 0.088 χ^2/NDF : 21797.9/10

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -123.537 ± 0.088 χ^2/NDF : 41608.5/8

Left: -122.472 ± 0.062 χ^2/NDF : 63697.5/19

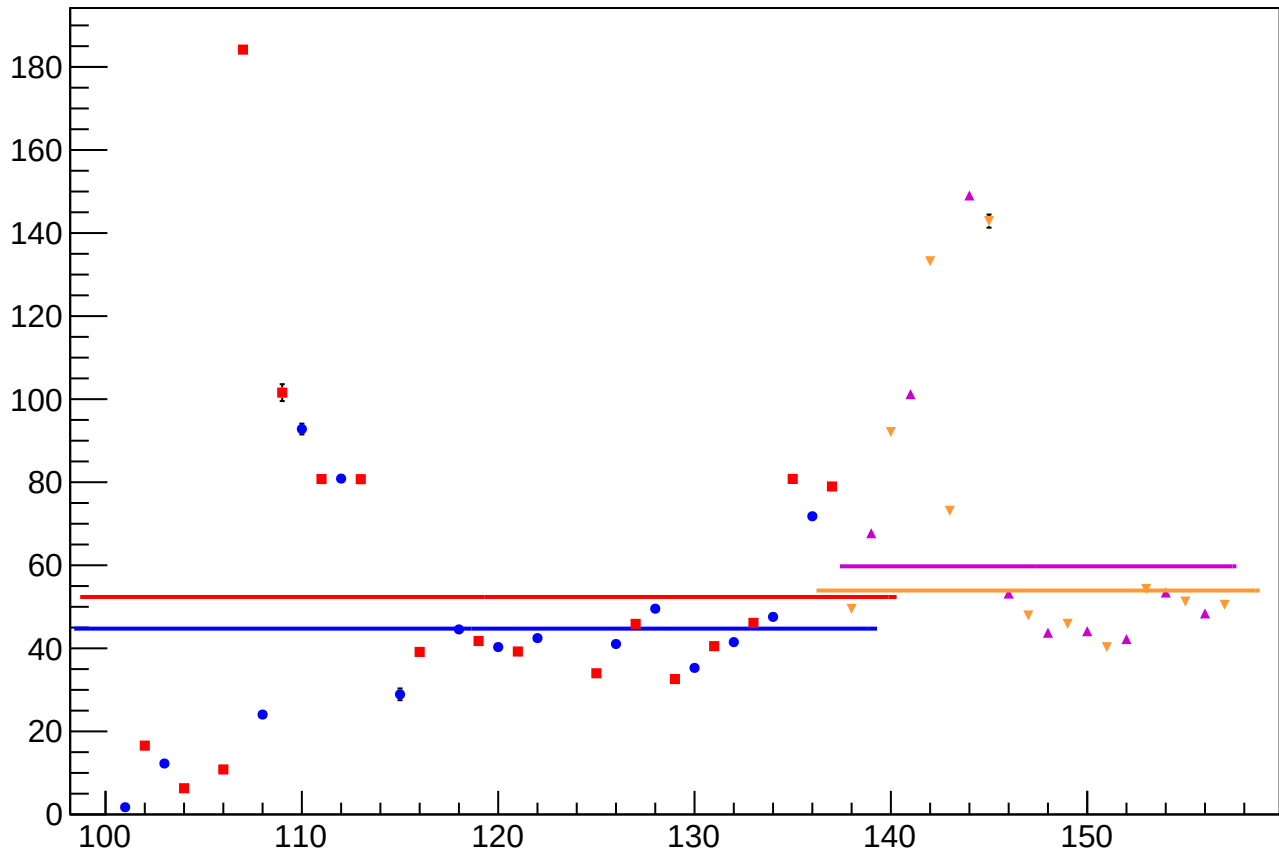
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.038 ± 0.055 χ^2/NDF : 186276.2/23

Out: -103.695 ± 0.066 χ^2/NDF : 155479.6/27

All: -103.897 ± 0.042 χ^2/NDF : 341771.9/51

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 53.923 $\pm$ 0.072 χ^2/NDF : 41507.4/10

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 59.747 $\pm$ 0.077 χ^2/NDF : 104240.8/8

Left: 56.631 $\pm$ 0.052 χ^2/NDF : 148812.3/19

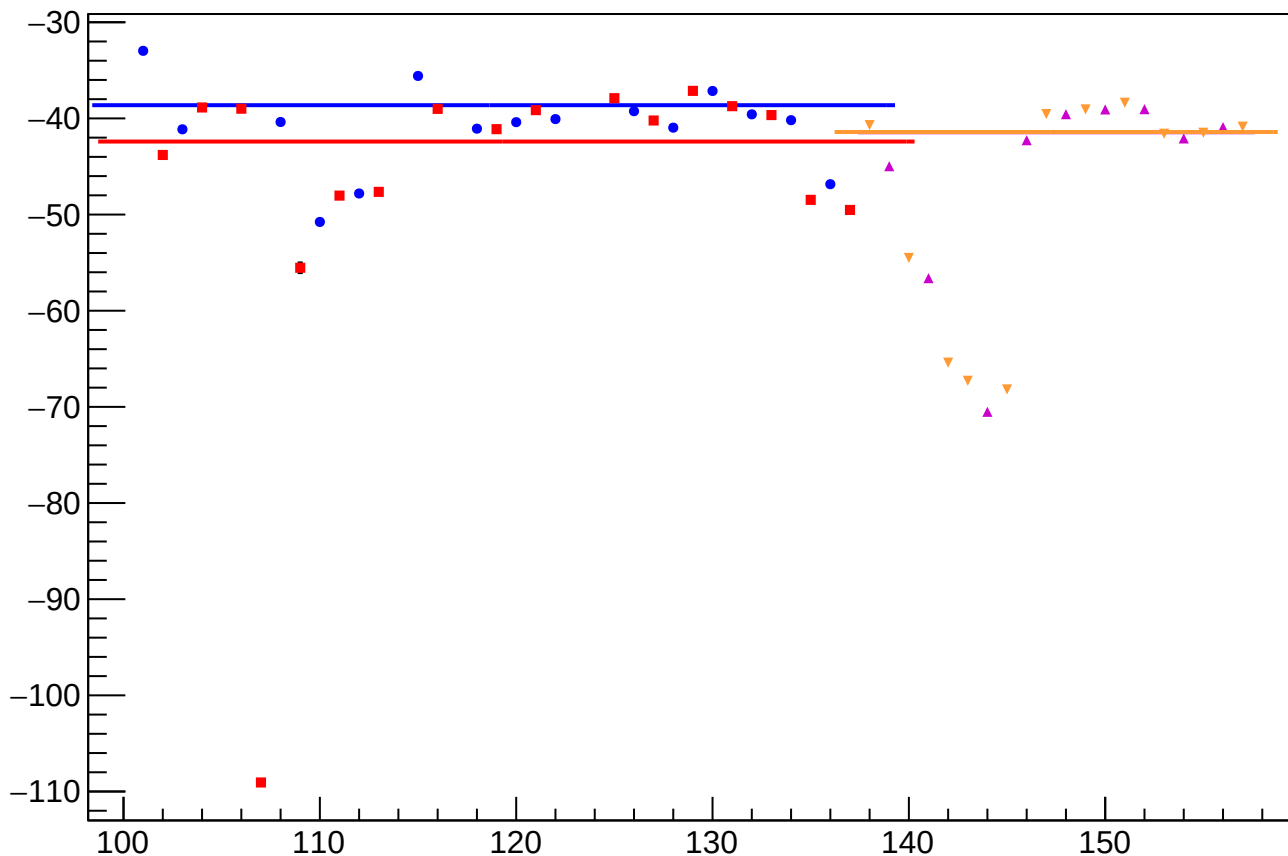
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.483 $\pm$ 0.048 χ^2/NDF : 212404.7/23

Out: 53.473 $\pm$ 0.061 χ^2/NDF : 110928.5/27

All: 51.626 $\pm$ 0.037 χ^2/NDF : 324841.2/51

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.413 ± 0.010 χ^2/NDF : 185269.4/10

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.439 ± 0.012 χ^2/NDF : 142331.0/8

Left: -41.423 ± 0.008 χ^2/NDF : 327603.1/19

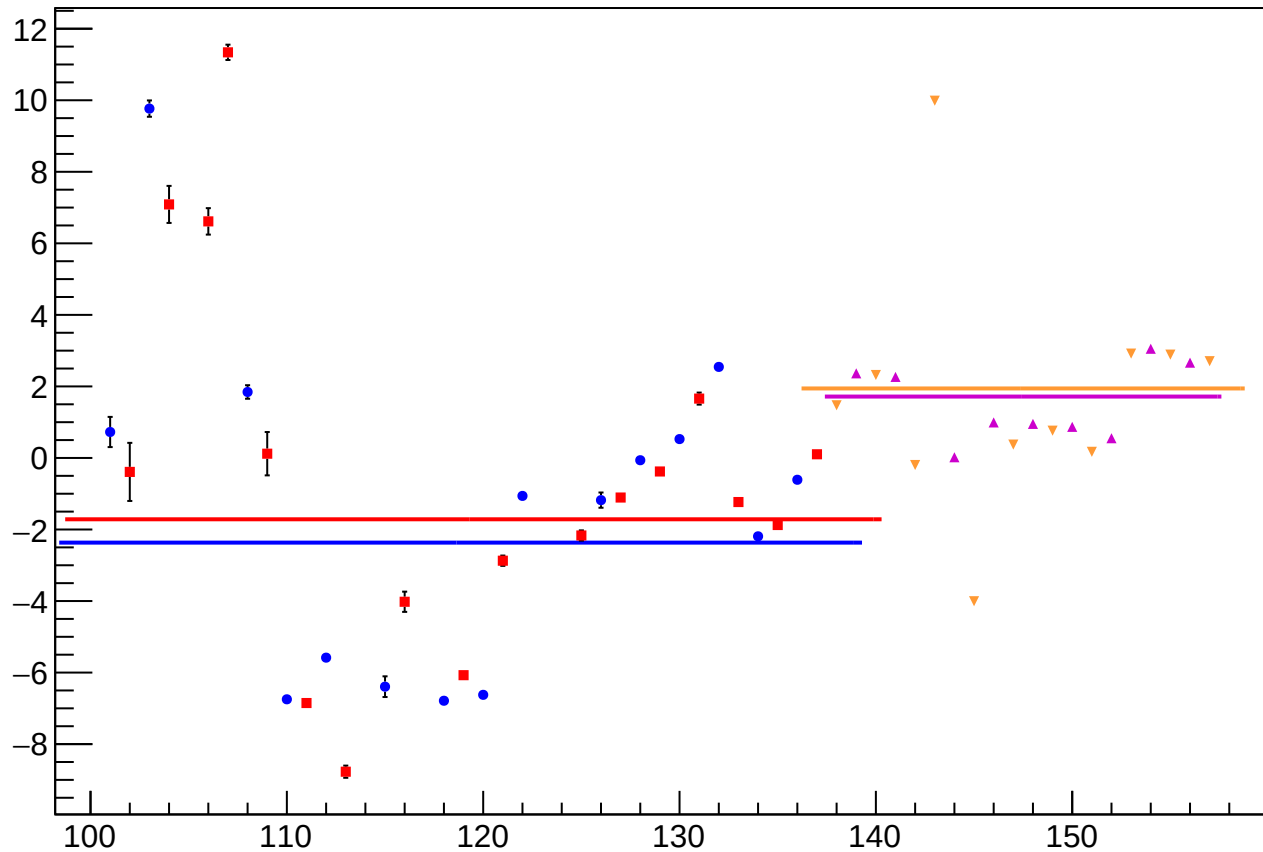
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.514 ± 0.007 χ^2/NDF : 419002.5/23

Out: -41.590 ± 0.009 χ^2/NDF : 456198.9/27

All: -40.276 ± 0.005 χ^2/NDF : 909020.1/51

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.943 ± 0.011 χ^2/NDF : 18557.6/10

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.716 ± 0.010 χ^2/NDF : 8567.2/8

Left: 1.819 ± 0.008 χ^2/NDF : 27349.9/19

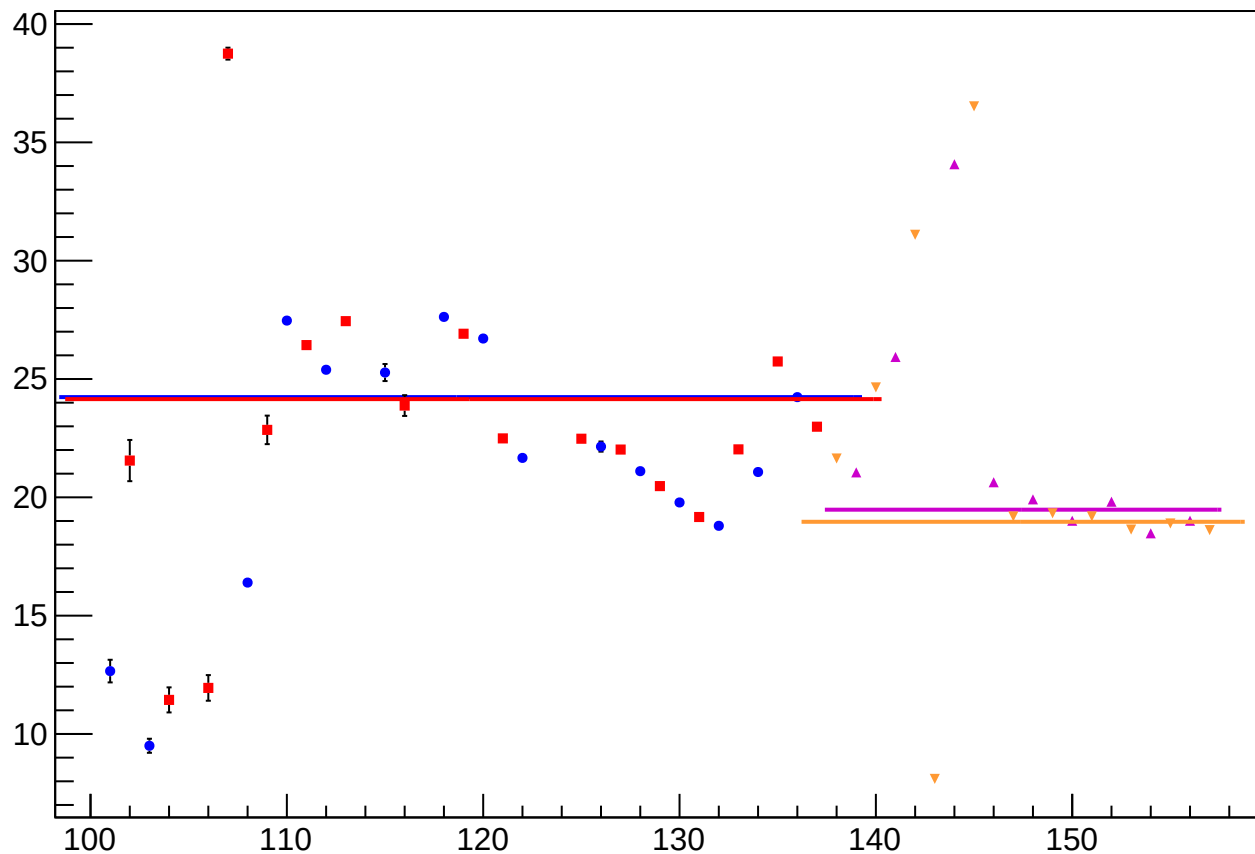
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.319 ± 0.008 χ^2/NDF : 92726.6/23

Out: 1.407 ± 0.010 χ^2/NDF : 46950.7/27

All: 0.741 ± 0.006 χ^2/NDF : 146459.5/51

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 18.967 ± 0.011 $\chi^2/\text{NDF}: 38719.3/10$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 19.478 ± 0.010 $\chi^2/\text{NDF}: 40806.3/8$

Left: 19.233 ± 0.007 $\chi^2/\text{NDF}: 80712.1/19$

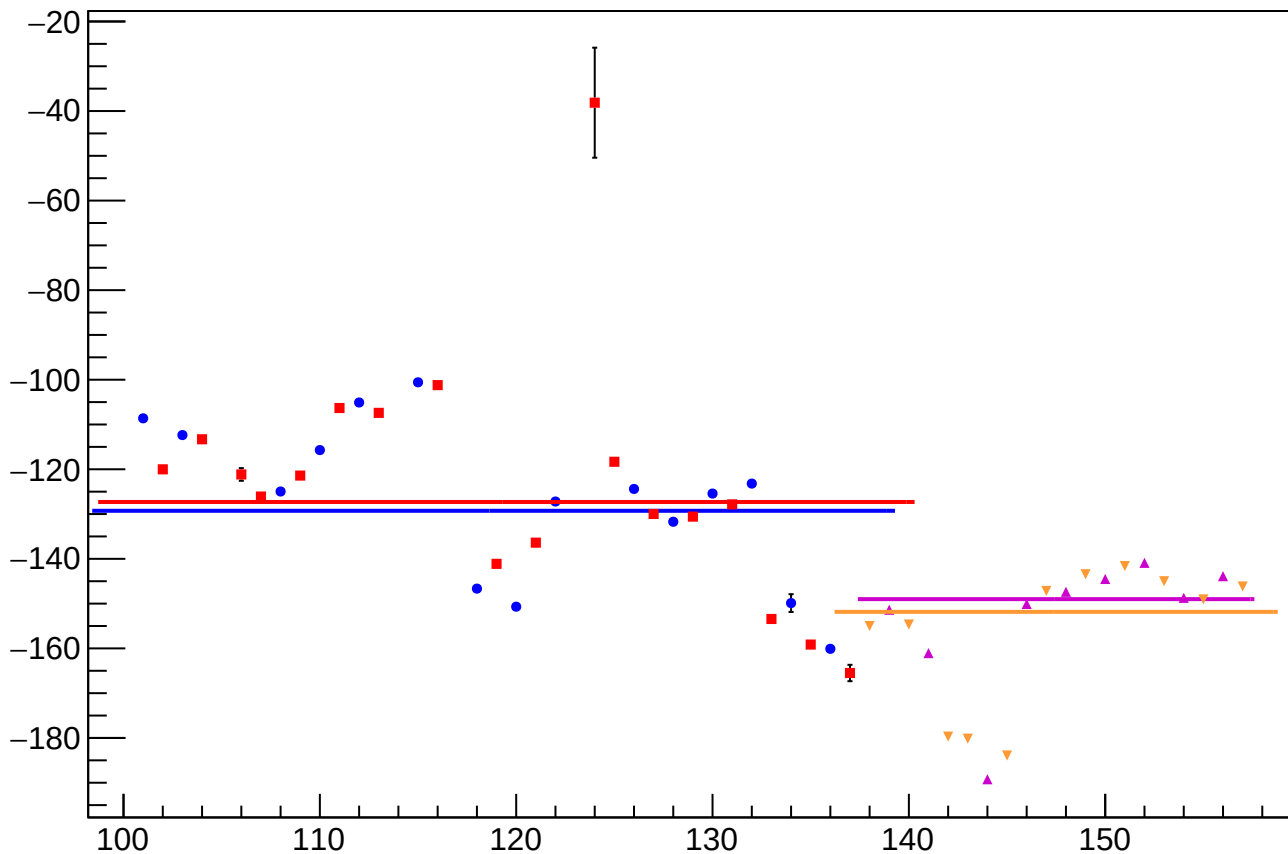
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.329 ± 0.009 $\chi^2/\text{NDF}: 101020.6/23$

Out: 19.806 ± 0.010 $\chi^2/\text{NDF}: 89854.1/27$

All: 20.081 ± 0.007 $\chi^2/\text{NDF}: 192368.9/51$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -151.841 ± 0.077 χ^2/NDF : 25034.6/10

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -148.999 ± 0.068 χ^2/NDF : 20536.9/8

Left: -150.251 ± 0.051 χ^2/NDF : 46343.4/19

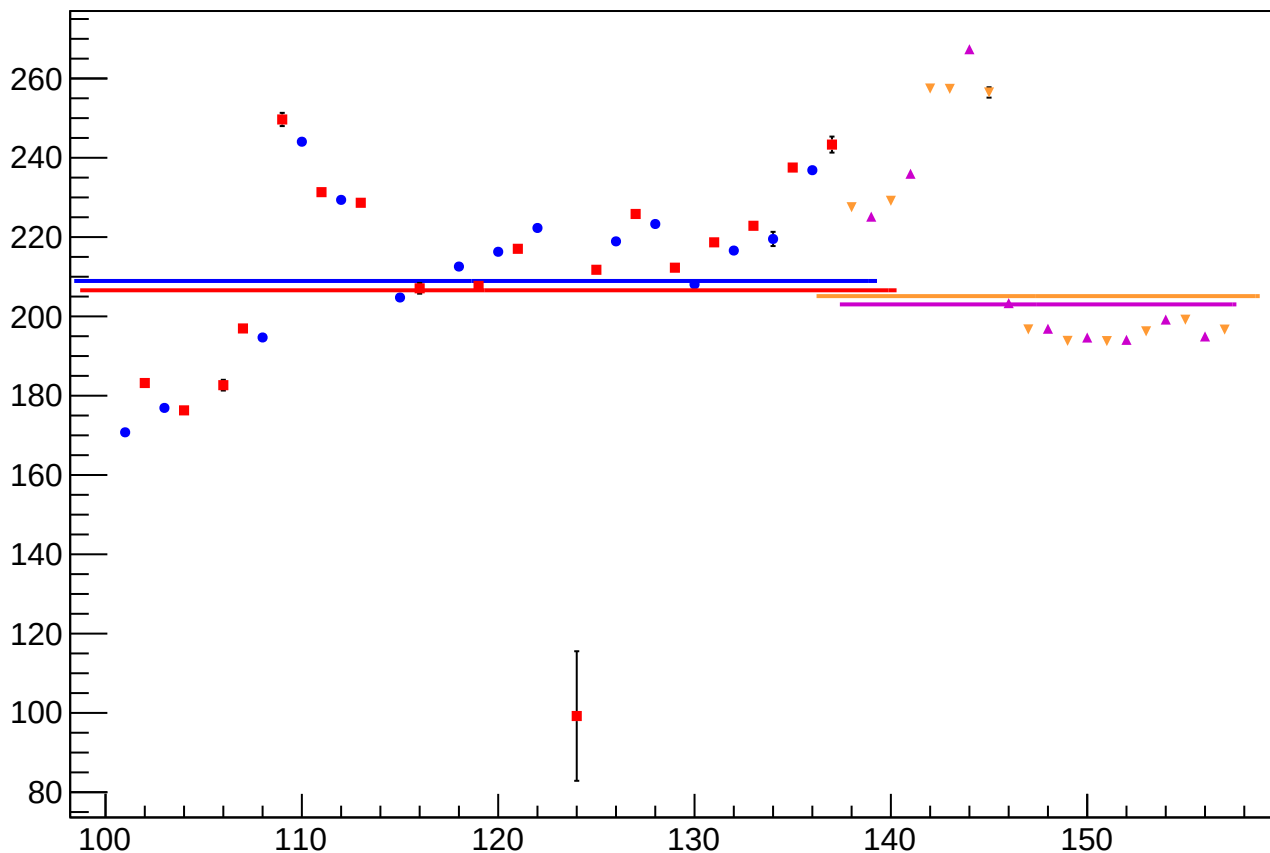
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.614 ± 0.054 χ^2/NDF : 87246.8/23

Out: -140.759 ± 0.057 χ^2/NDF : 101075.9/28

All: -141.209 ± 0.039 χ^2/NDF : 188442.6/52

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 205.113 $\pm$ 0.063 χ^2 /NDF: 97638.1/10

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 203.024 $\pm$ 0.059 χ^2 /NDF: 72963.6/8

Left: 204.009 $\pm$ 0.043 χ^2 /NDF: 171187.7/19

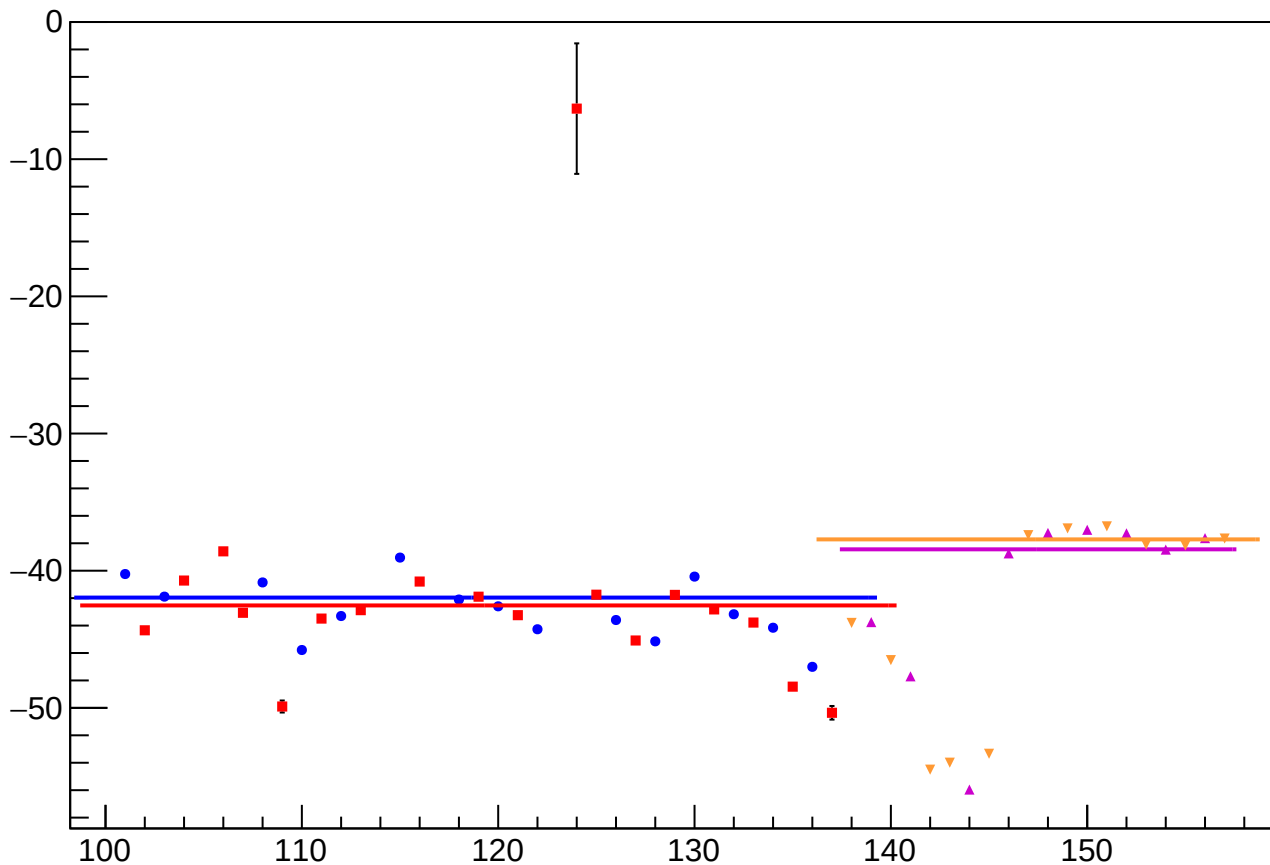
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 204.833 $\pm$ 0.049 χ^2 /NDF: 120693.9/23

Out: 205.645 $\pm$ 0.050 χ^2 /NDF: 146047.4/28

All: 205.233 $\pm$ 0.035 χ^2 /NDF: 266874.7/52

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.717 ± 0.005 $\chi^2/\text{NDF}: 214579.8/10$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.442 ± 0.007 $\chi^2/\text{NDF}: 122505.5/8$

Left: -37.990 ± 0.004 $\chi^2/\text{NDF}: 343915.8/19$

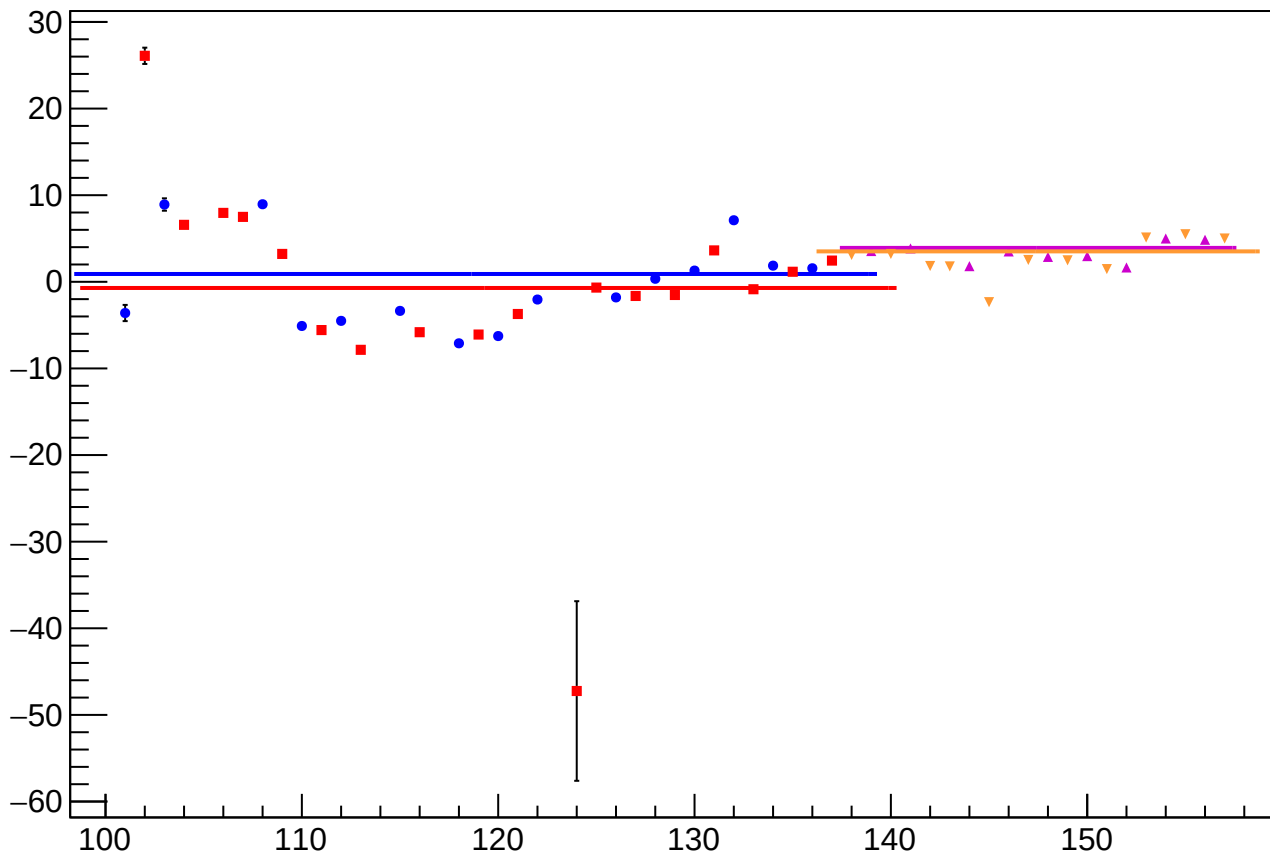
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -39.021 ± 0.006 $\chi^2/\text{NDF}: 189167.4/23$

Out: -38.023 ± 0.005 $\chi^2/\text{NDF}: 271609.1/28$

All: -38.426 ± 0.004 $\chi^2/\text{NDF}: 475601.0/52$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 3.513 $\pm$ 0.011 χ^2 /NDF:21310.5/10

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.915 $\pm$ 0.010 χ^2 /NDF:9434.8/8

Left: 3.733 $\pm$ 0.007 χ^2 /NDF: 31469.2/19

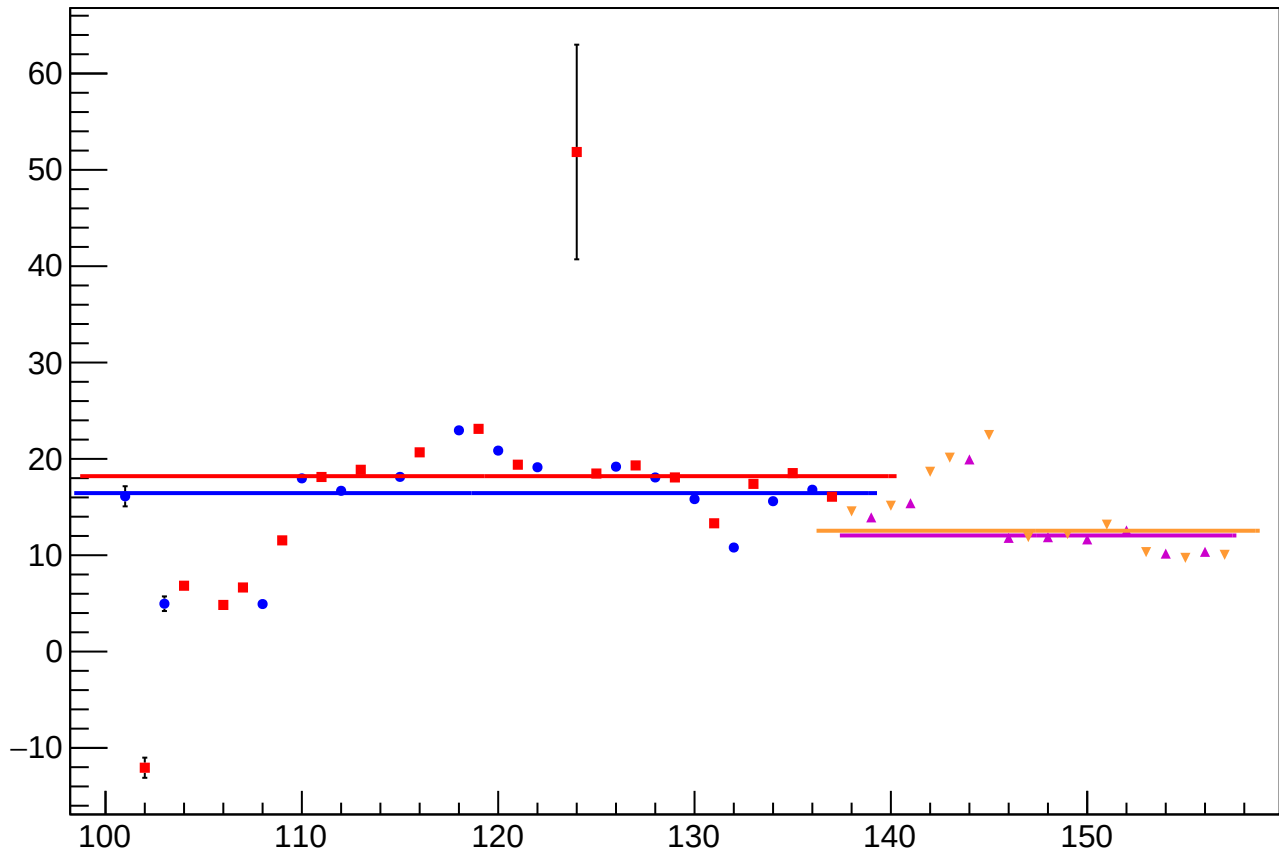
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.310 $\pm$ 0.009 χ^2 /NDF:48615.2/23

Out: 2.788 $\pm$ 0.010 χ^2 /NDF:77064.9/28

All: 3.079 $\pm$ 0.007 χ^2 /NDF: 127173.7/52

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 12.542 $\pm$ 0.012 χ^2 /NDF: 57548.4/10

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.051 $\pm$ 0.013 χ^2 /NDF: 21091.9/8

Left: 12.316 $\pm$ 0.008 χ^2 /NDF: 79474.2/19

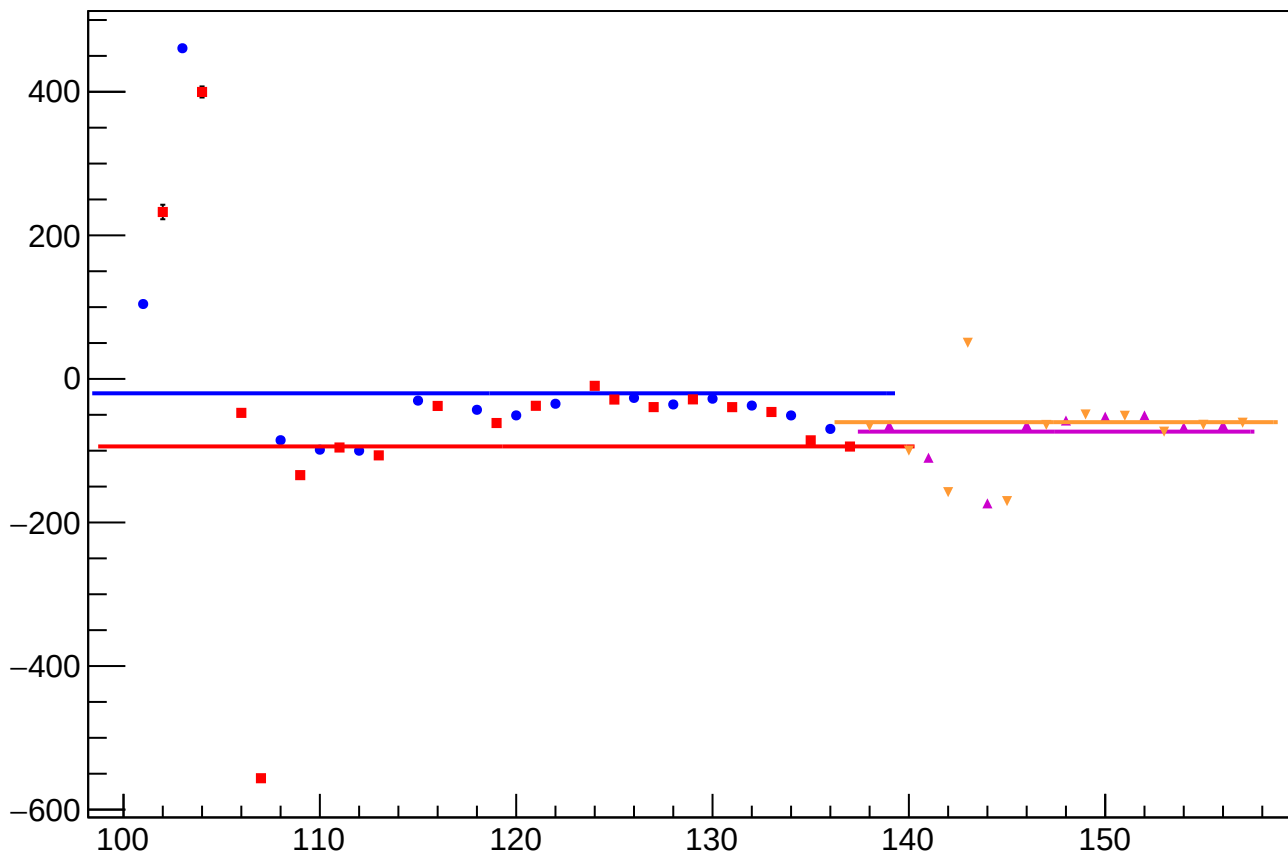
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.965 $\pm$ 0.011 χ^2 /NDF: 60973.3/23

Out: 13.909 $\pm$ 0.010 χ^2 /NDF: 143360.3/28

All: 13.486 $\pm$ 0.007 χ^2 /NDF: 208303.0/52

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.251 ± 0.144 $\chi^2/\text{NDF}: 44937.5/10$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -73.449 ± 0.170 $\chi^2/\text{NDF}: 34498.4/8$

Left: -65.773 ± 0.110 $\chi^2/\text{NDF}: 82948.7/19$

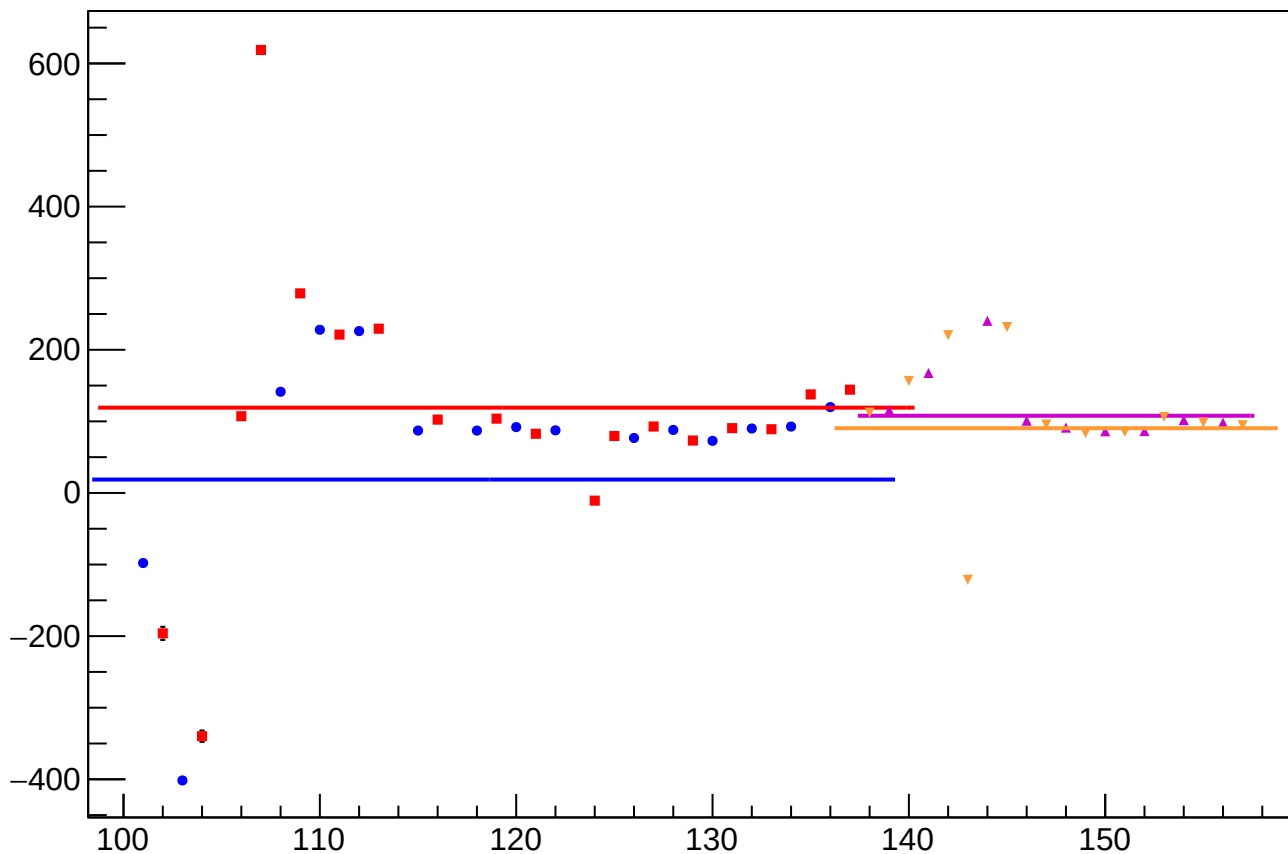
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -44.005 ± 0.114 $\chi^2/\text{NDF}: 530471.7/23$

Out: -93.800 ± 0.012 $\chi^2/\text{NDF}: 187080.4/28$

All: -93.216 ± 0.012 $\chi^2/\text{NDF}: 907004.5/52$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2/NDF : 1101803.8/14

Left Out: 90.449 $\pm$ 0.123 χ^2/NDF : 166426.0/10

Right Out: 119.167 $\pm$ 0.199 χ^2/NDF : 87450.0/17

Left In: 107.858 $\pm$ 0.148 χ^2/NDF : 55109.5/8

Left: 97.600 $\pm$ 0.095 χ^2/NDF : 229740.5/19

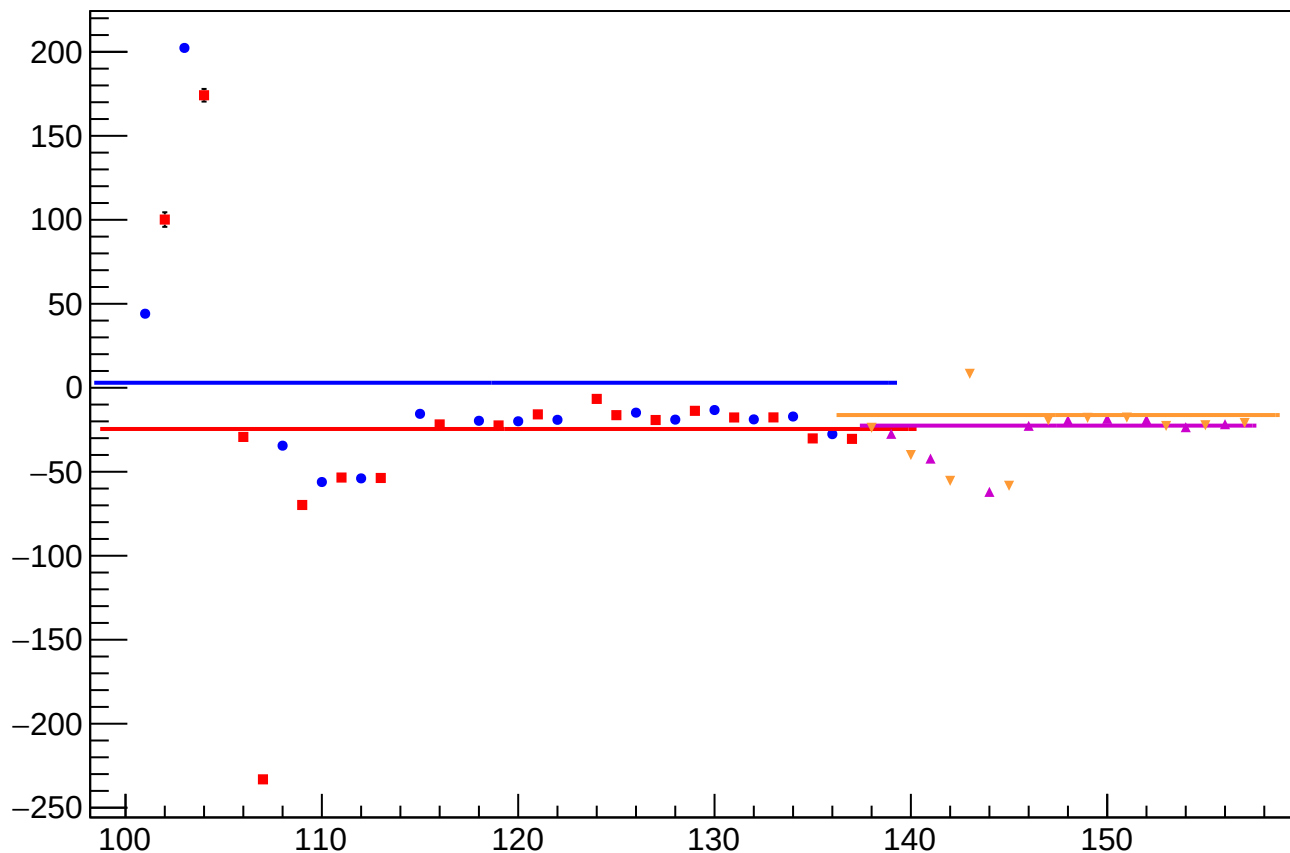
Right: 55.701 $\pm$ 0.121 χ^2/NDF : 1349806.5/32

In: 64.648 $\pm$ 0.106 χ^2/NDF : 1333863.7/23

Out: 98.389 $\pm$ 0.105 χ^2/NDF : 268905.8/28

All: 81.697 $\pm$ 0.074 χ^2/NDF : 1654078.0/52

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.237 ± 0.016 $\chi^2/\text{NDF}: 558092.0/10$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.533 ± 0.022 $\chi^2/\text{NDF}: 116713.8/8$

Left: -18.478 ± 0.013 $\chi^2/\text{NDF}: 728484.9/19$

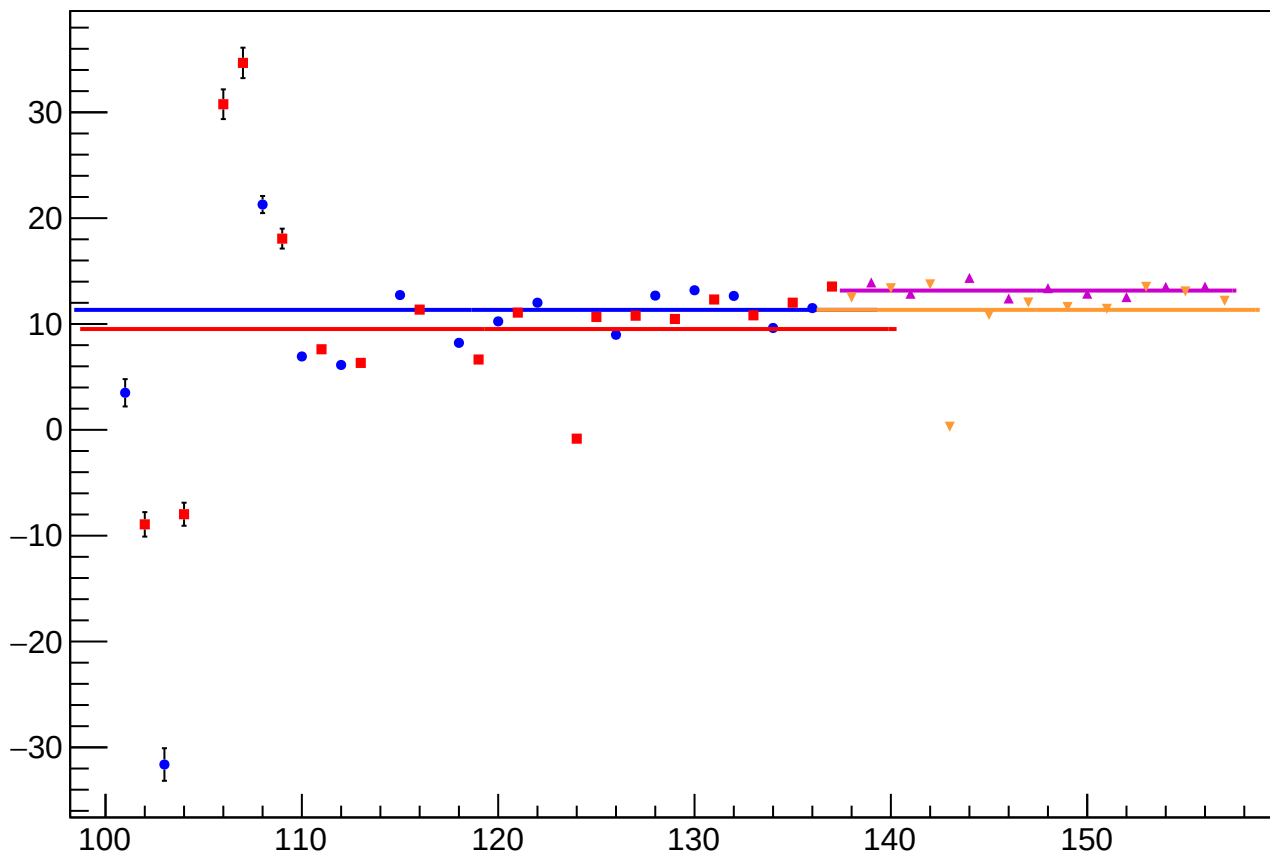
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -12.404 ± 0.017 $\chi^2/\text{NDF}: 4157035.8/23$

Out: -17.243 ± 0.015 $\chi^2/\text{NDF}: 766354.4/28$

All: -15.085 ± 0.011 $\chi^2/\text{NDF}: 4968622.4/52$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.337 $\pm$ 0.023 χ^2 /NDF:27774.3/10

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.158 $\pm$ 0.020 χ^2 /NDF:619.9/8

Left: 12.372 $\pm$ 0.015 χ^2 /NDF: 32065.3/19

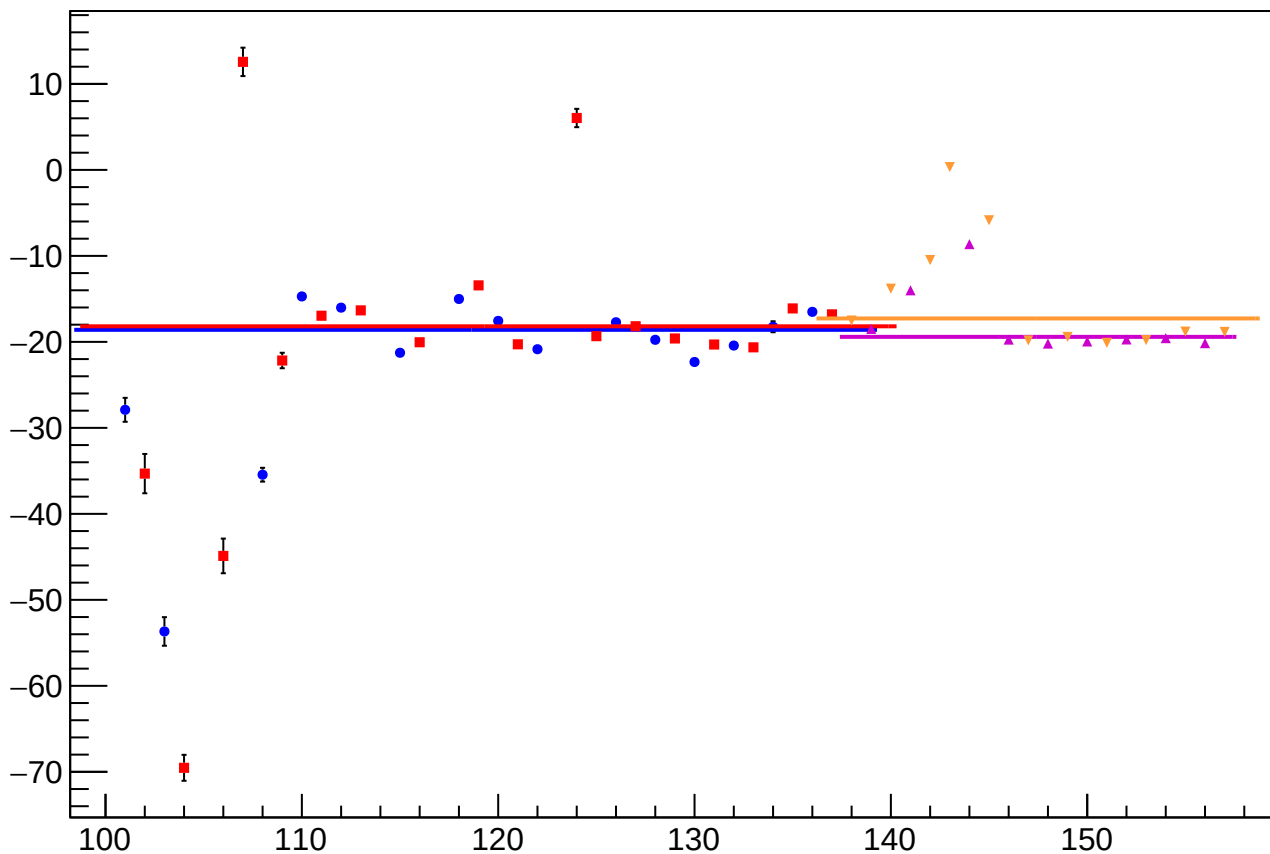
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.760 $\pm$ 0.017 χ^2 /NDF:4888.1/23

Out: 11.006 $\pm$ 0.020 χ^2 /NDF:33006.7/28

All: 12.022 $\pm$ 0.013 χ^2 /NDF: 42136.7/52

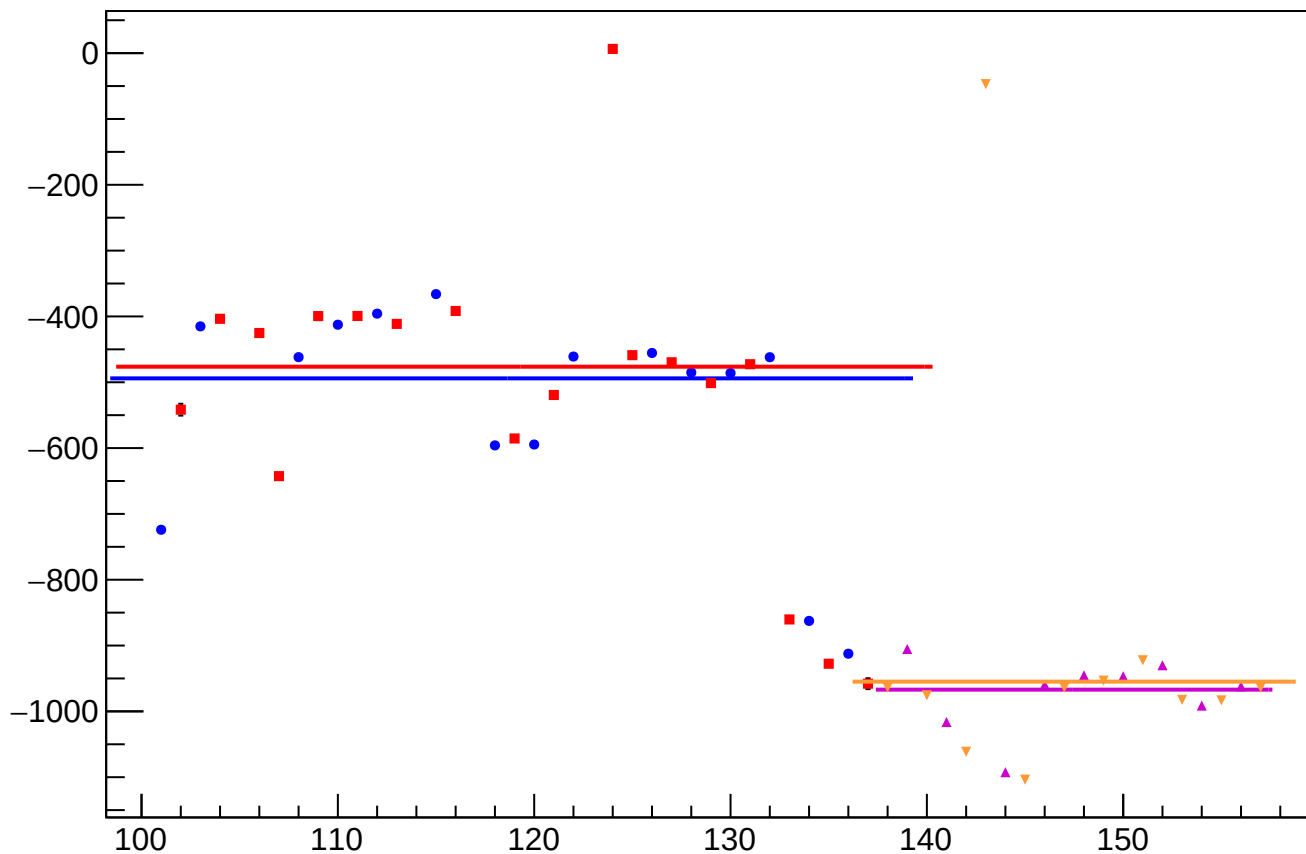
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -17.276 ± 0.024 χ^2/NDF : 43888.4/10
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.416 ± 0.023 χ^2/NDF : 6223.1/8

Left: -18.401 ± 0.016 χ^2/NDF : 54368.0/19
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -19.195 ± 0.019 χ^2/NDF : 12767.0/23
 Out: -17.447 ± 0.021 χ^2/NDF : 49046.7/28
 All: -18.412 ± 0.014 χ^2/NDF : 65483.6/52

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -954.854 ± 0.240 $\chi^2/\text{NDF}: 308899.3/10$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -966.992 ± 0.268 $\chi^2/\text{NDF}: 19281.6/8$

Left: -960.259 ± 0.179 $\chi^2/\text{NDF}: 329315.6/19$

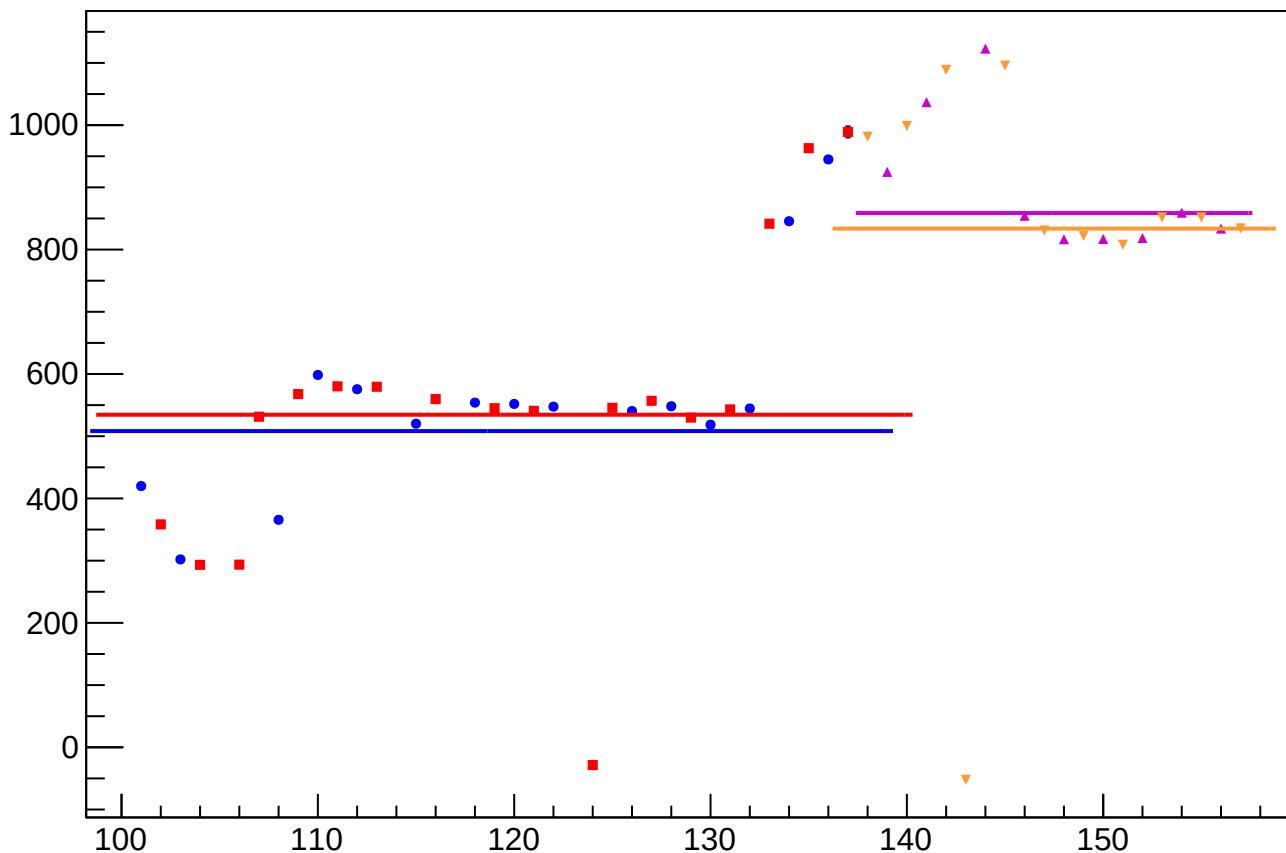
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -696.450 ± 0.176 $\chi^2/\text{NDF}: 2121837.4/23$

Out: -654.440 ± 0.147 $\chi^2/\text{NDF}: 3389511.9/28$

All: -671.712 ± 0.113 $\chi^2/\text{NDF}: 5545071.5/52$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 833.680+/-0.194 χ^2/NDF : 410418.9/10

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 858.691+/-0.234 χ^2/NDF : 86144.3/8

Left: 843.883+/-0.149 χ^2/NDF : 503342.1/19

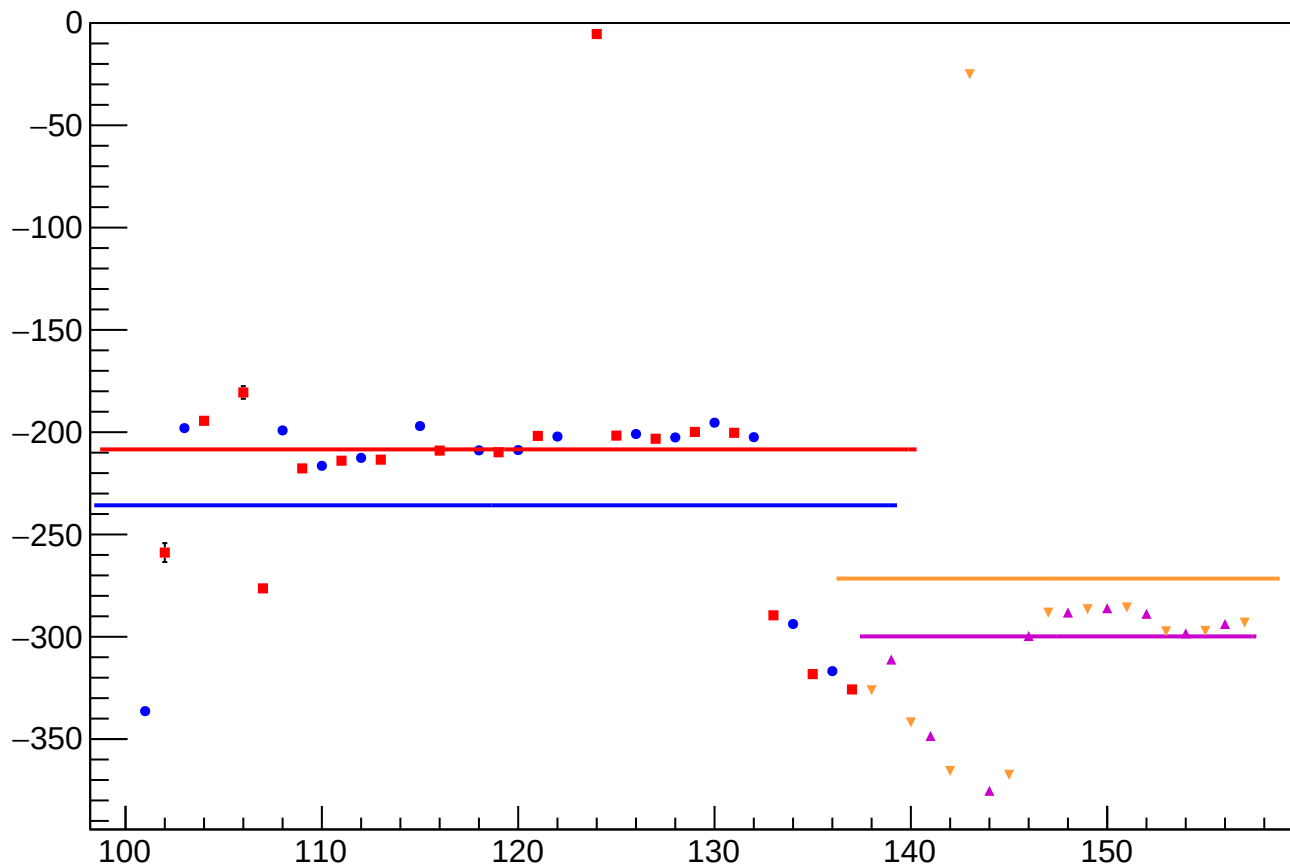
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 674.196+/-0.161 χ^2/NDF : 1708956.7/23

Out: 700.897+/-0.145 χ^2/NDF : 1833841.0/28

All: 688.954+/-0.108 χ^2/NDF : 3558030.3/52

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -271.550+/-0.030 χ^2/NDF : 6246529.9/10

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -299.824+/-0.039 χ^2/NDF : 222632.8/8

Left: -281.987+/-0.024 χ^2/NDF : 6797240.1/19

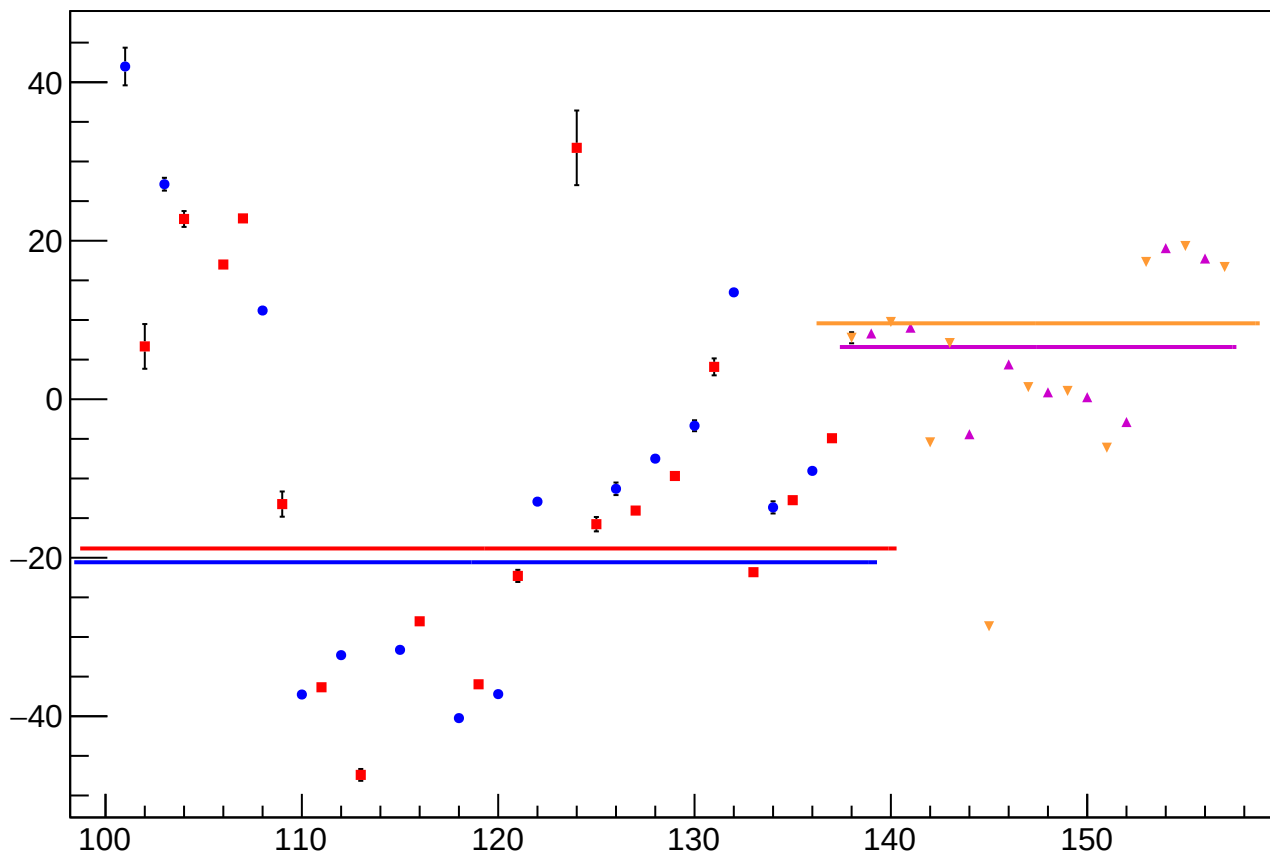
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -278.350+/-0.032 χ^2/NDF : 1993950.5/23

Out: -253.138+/-0.025 χ^2/NDF : 7913871.7/28

All: -262.820+/-0.020 χ^2/NDF : 10290887.1/5

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.581 ± 0.036 χ^2/NDF : 54763.0/10

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 6.591 ± 0.033 χ^2/NDF : 54799.1/8

Left: 7.979 ± 0.024 χ^2/NDF : 113302.8/19

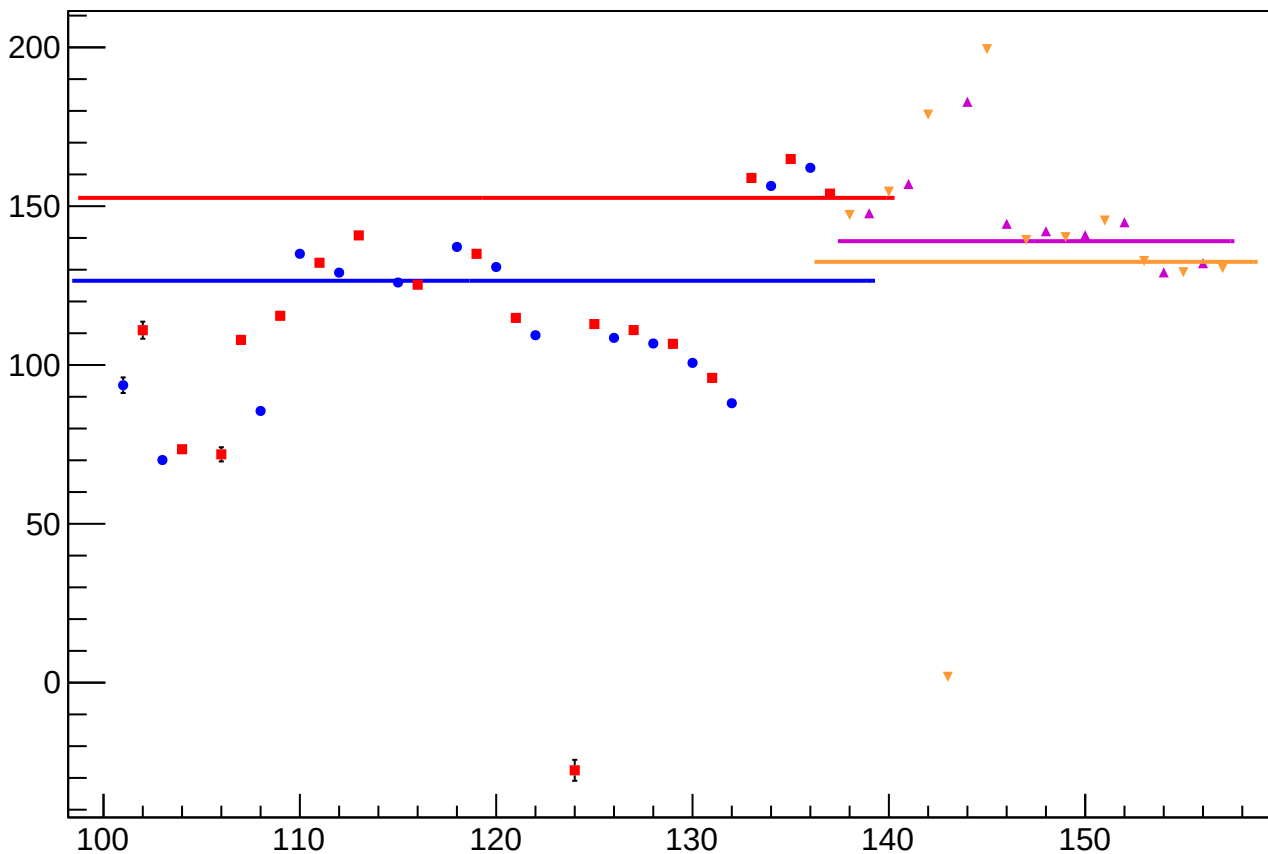
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 1.731 ± 0.030 χ^2/NDF : 237219.0/23

Out: 6.770 ± 0.034 χ^2/NDF : 137971.3/28

All: 3.954 ± 0.023 χ^2/NDF : 387489.9/52

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 132.477 $\pm$ 0.045 χ^2 /NDF: 383105.4/10

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 138.987 $\pm$ 0.039 χ^2 /NDF: 50943.8/8

Left: 136.218 $\pm$ 0.030 χ^2 /NDF: 445942.9/19

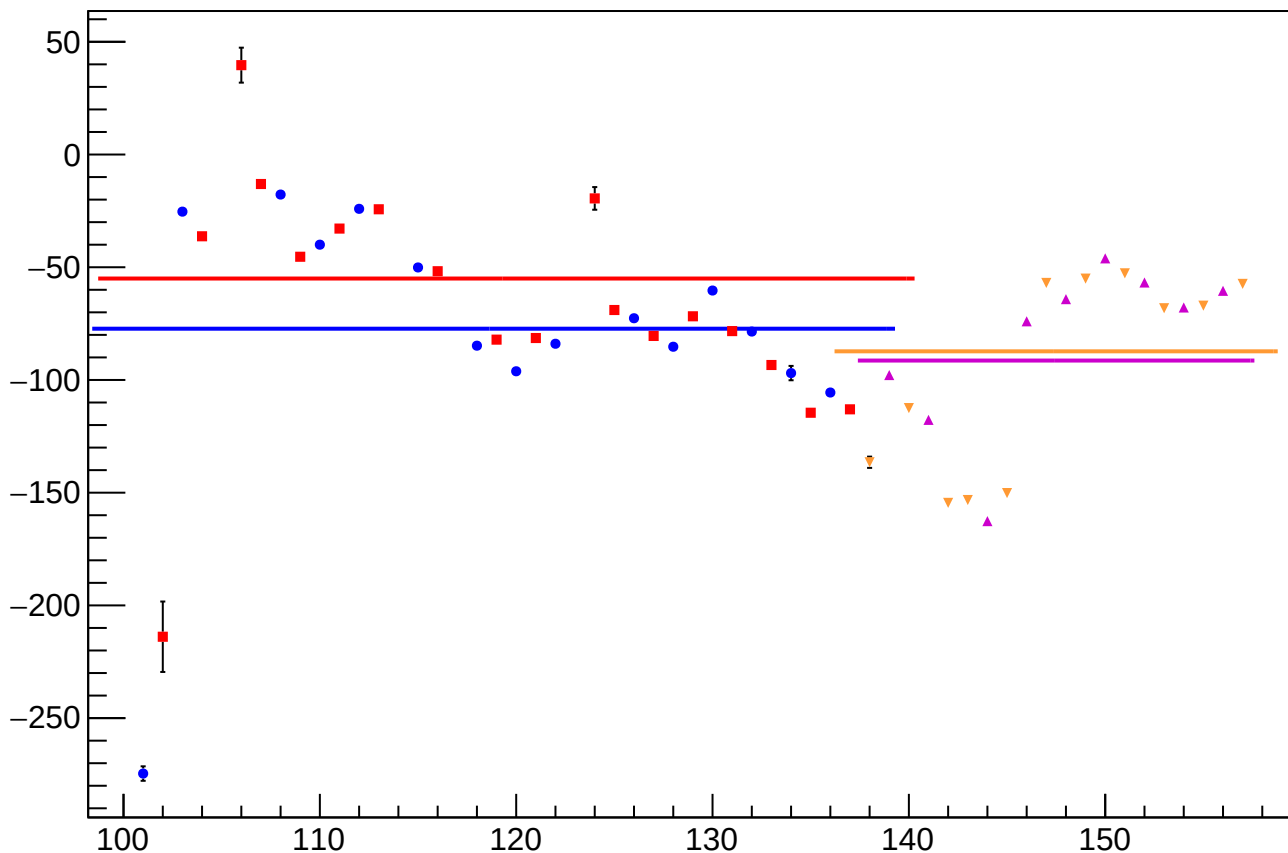
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.782 $\pm$ 0.035 χ^2 /NDF: 184052.7/23

Out: 146.370 $\pm$ 0.025 χ^2 /NDF: 593780.4/28

All: 143.135 $\pm$ 0.021 χ^2 /NDF: 826654.5/52

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -87.297 ± 0.170 $\chi^2/\text{NDF}: 51533.3/10$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -91.388 ± 0.172 $\chi^2/\text{NDF}: 47830.6/8$

Left: -89.320 ± 0.121 $\chi^2/\text{NDF}: 99648.7/19$

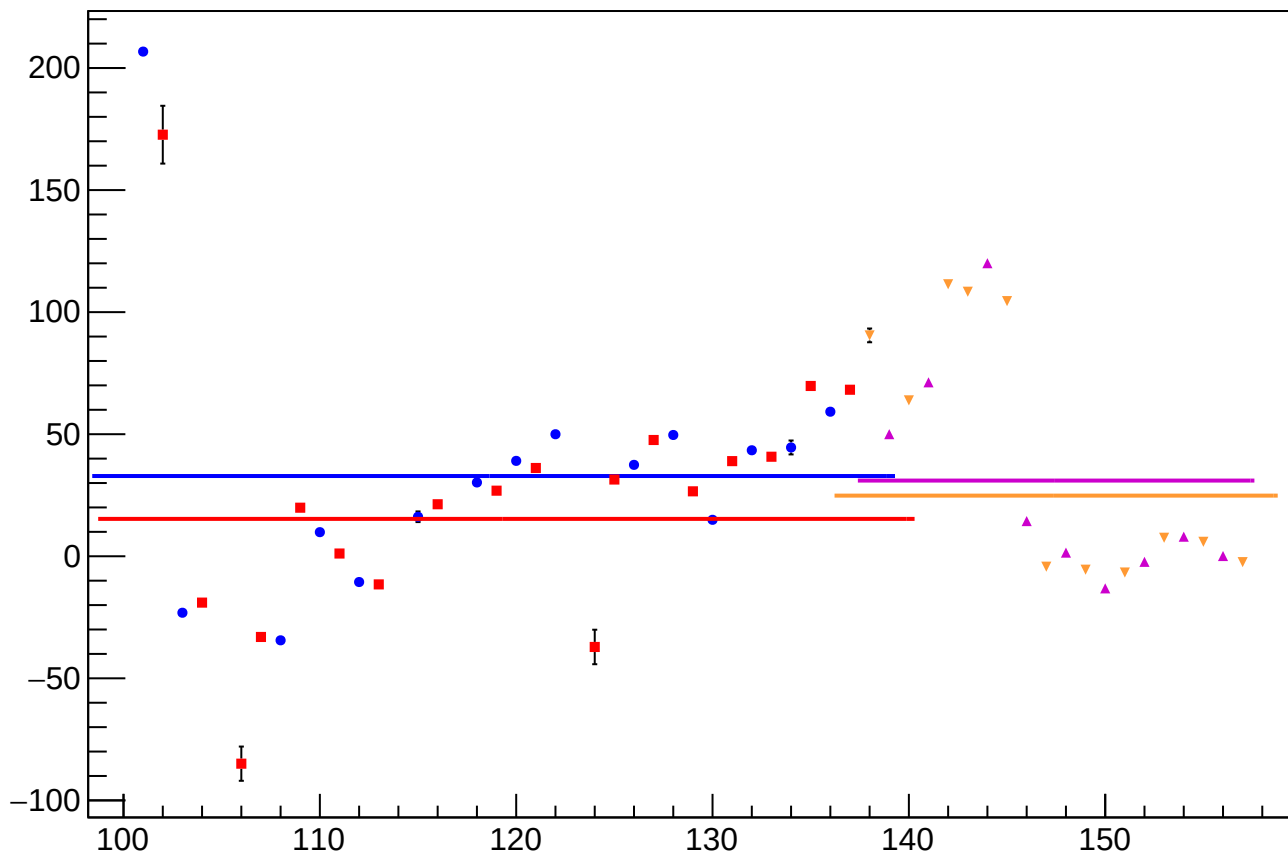
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -83.184 ± 0.112 $\chi^2/\text{NDF}: 82088.5/23$

Out: -72.919 ± 0.127 $\chi^2/\text{NDF}: 91142.2/28$

All: -78.709 ± 0.084 $\chi^2/\text{NDF}: 176918.5/52$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 24.842 ± 0.149 $\chi^2/\text{NDF}: 82773.7/10$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 31.005 ± 0.153 $\chi^2/\text{NDF}: 74418.1/8$

Left: 27.826 ± 0.107 $\chi^2/\text{NDF}: 158023.7/19$

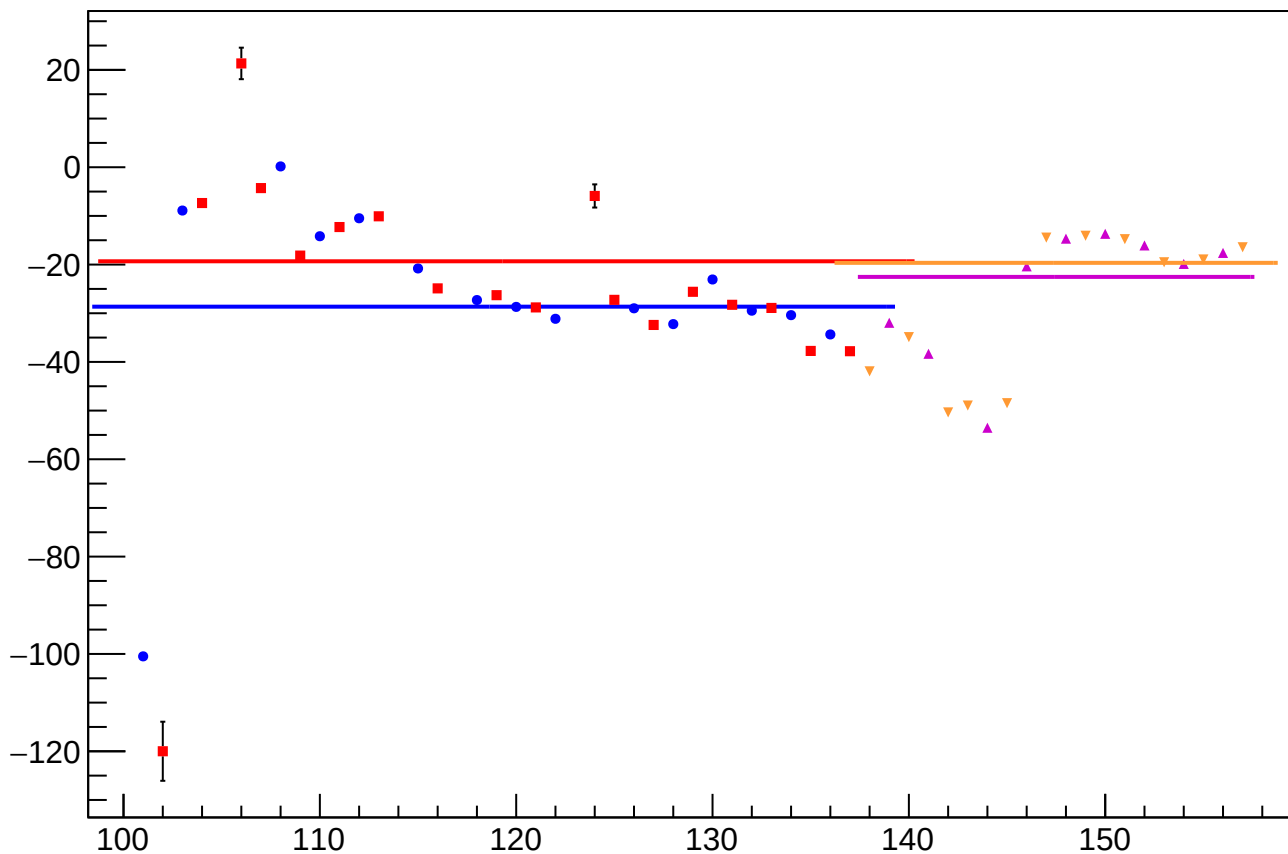
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 31.983 ± 0.106 $\chi^2/\text{NDF}: 105889.2/23$

Out: 21.652 ± 0.121 $\chi^2/\text{NDF}: 100895.0/28$

All: 27.520 ± 0.080 $\chi^2/\text{NDF}: 210905.2/52$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -19.643 ± 0.020 $\chi^2/\text{NDF}: 211461.6/10$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -22.531 ± 0.024 $\chi^2/\text{NDF}: 160365.6/8$

Left: -20.811 ± 0.015 $\chi^2/\text{NDF}: 380548.3/19$

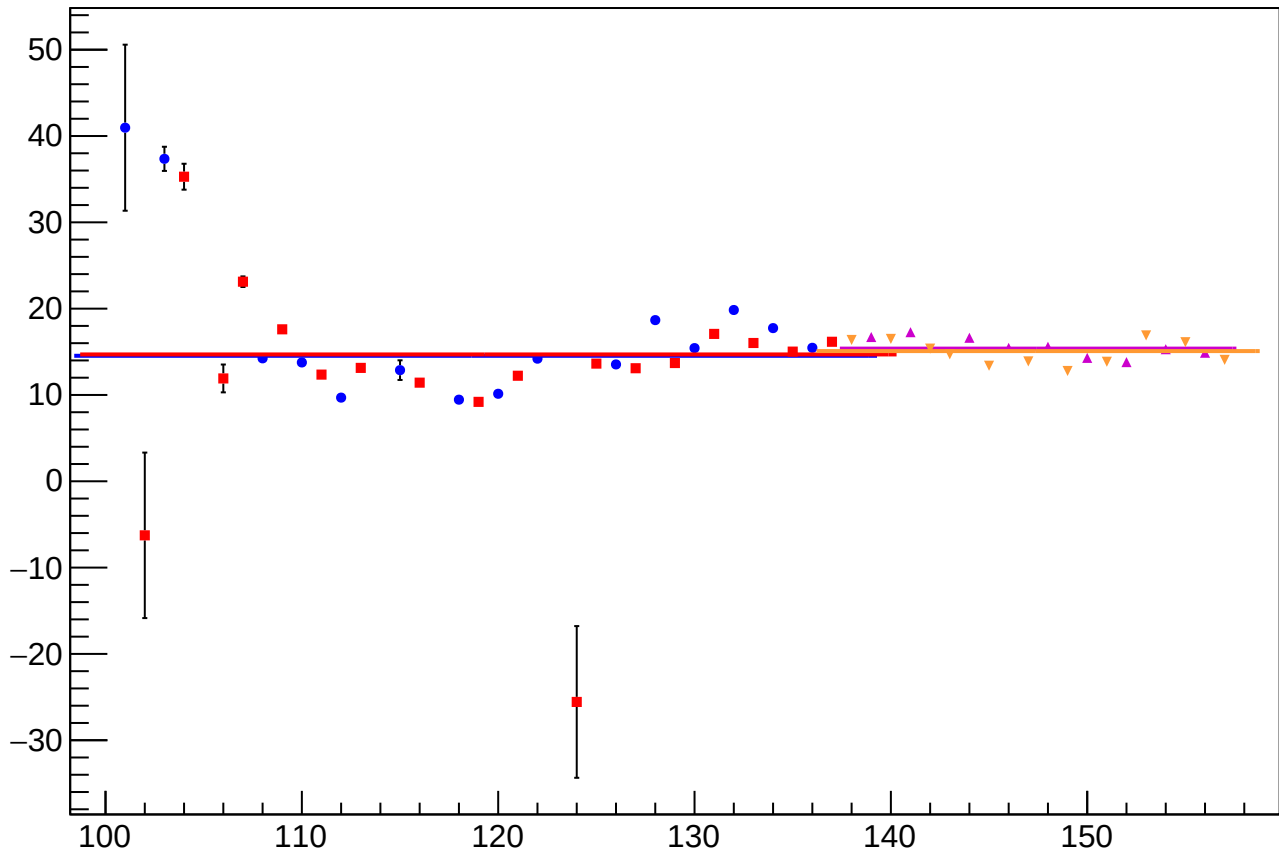
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -24.529 ± 0.020 $\chi^2/\text{NDF}: 295261.3/23$

Out: -19.579 ± 0.018 $\chi^2/\text{NDF}: 268093.1/28$

All: -21.790 ± 0.013 $\chi^2/\text{NDF}: 598706.6/52$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.083+/-0.021 χ^2/NDF : 4470.4/10

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.369+/-0.021 χ^2/NDF : 2701.7/8

Left: 15.224+/-0.015 χ^2/NDF : 7263.7/19

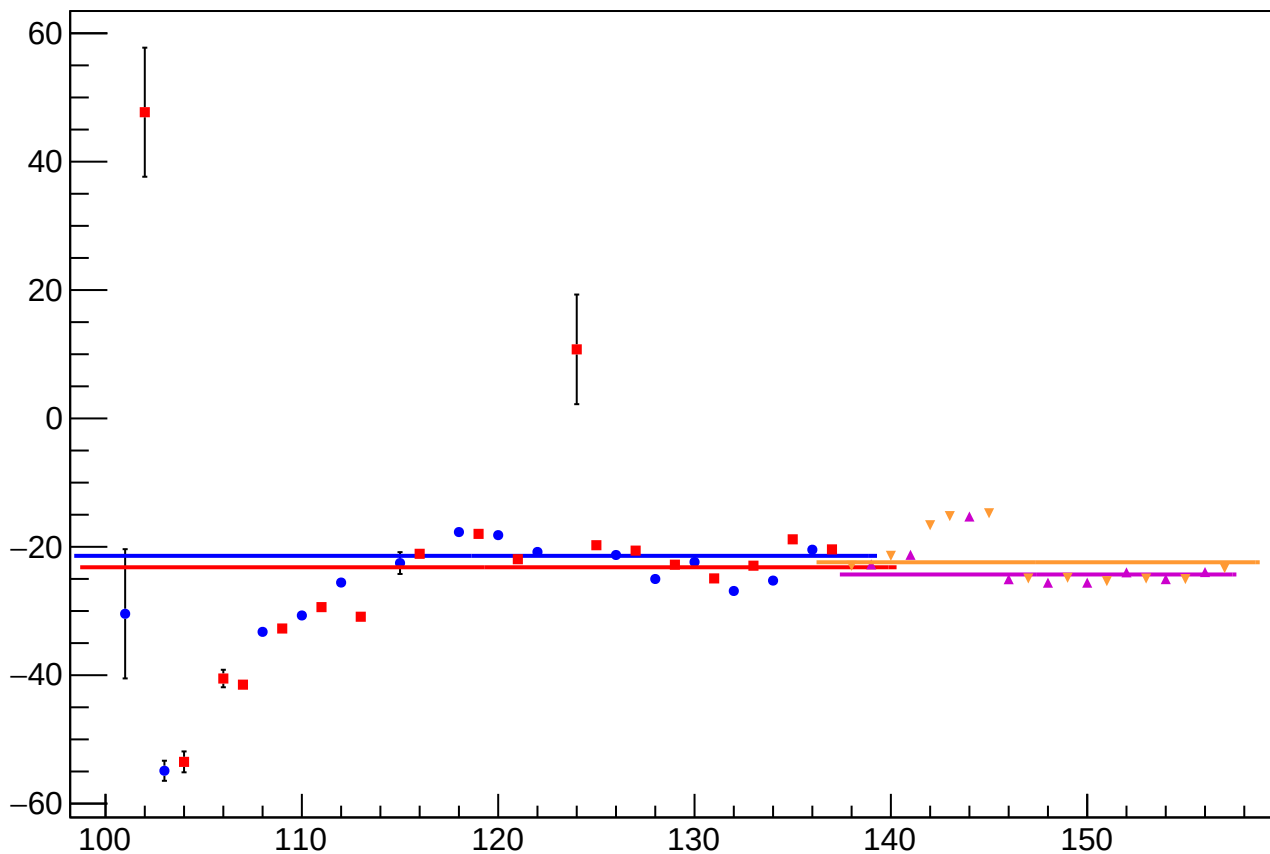
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.088+/-0.017 χ^2/NDF : 15286.9/23

Out: 15.010+/-0.019 χ^2/NDF : 6167.9/28

All: 15.052+/-0.013 χ^2/NDF : 21464.2/52

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406±/-0.036 χ^2/NDF : 9686.6/14

Left Out: -22.407±/-0.024 χ^2/NDF :26195.7/10

Right Out: -23.186±/-0.051 χ^2/NDF : 9126.8/17

Left In: -24.309±/-0.022 χ^2/NDF :7463.7/8

Left: -23.440±/-0.016 χ^2/NDF : 37090.1/19

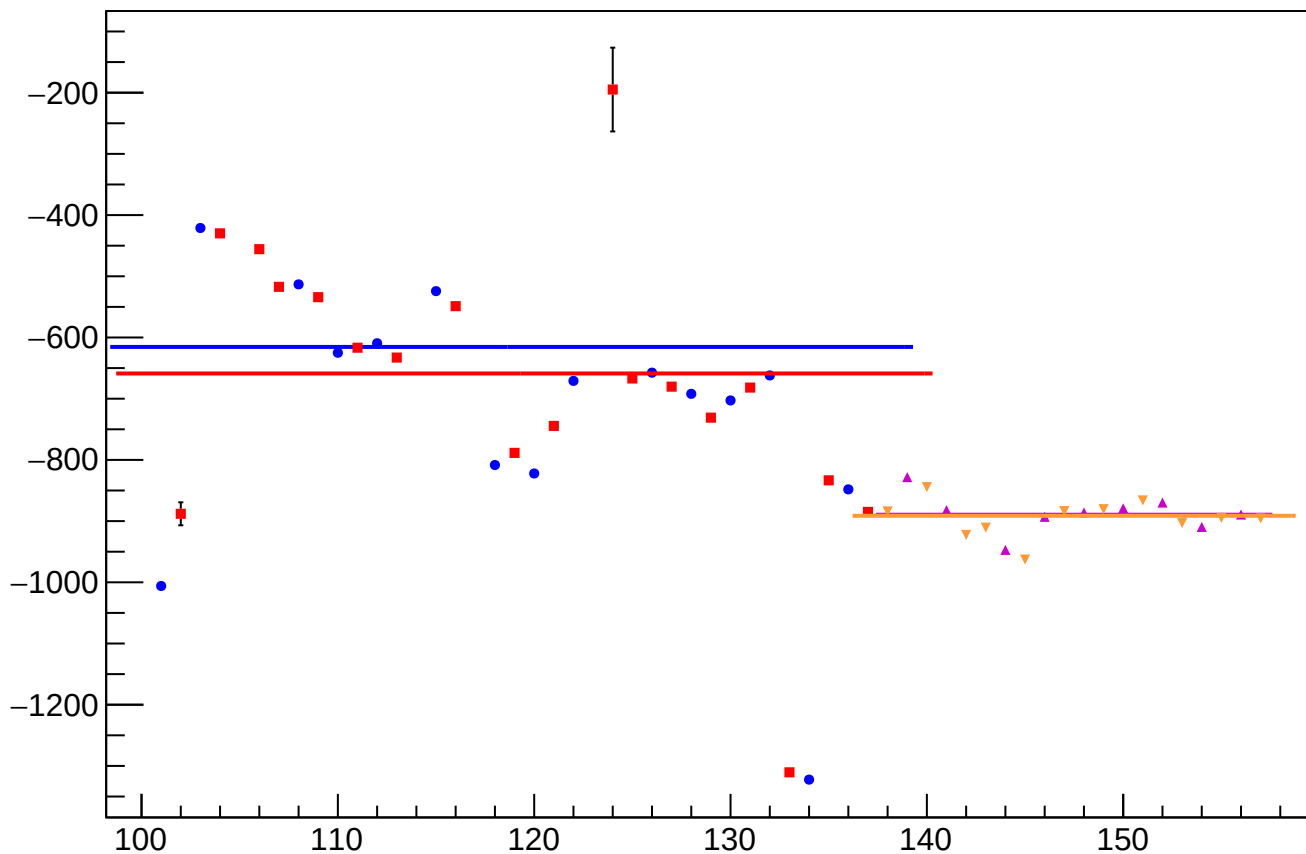
Right: -21.987±/-0.029 χ^2/NDF : 19630.5/32

In: -23.509±/-0.019 χ^2/NDF :21973.4/23

Out: -22.547±/-0.022 χ^2/NDF :35513.1/28

All: -23.099±/-0.014 χ^2/NDF : 58616.3/52

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -891.298+/-0.200 χ^2/NDF : 11140.8/10

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.560+/-0.180 χ^2/NDF : 12223.7/8

Left: -890.340+/-0.134 χ^2/NDF : 23406.3/19

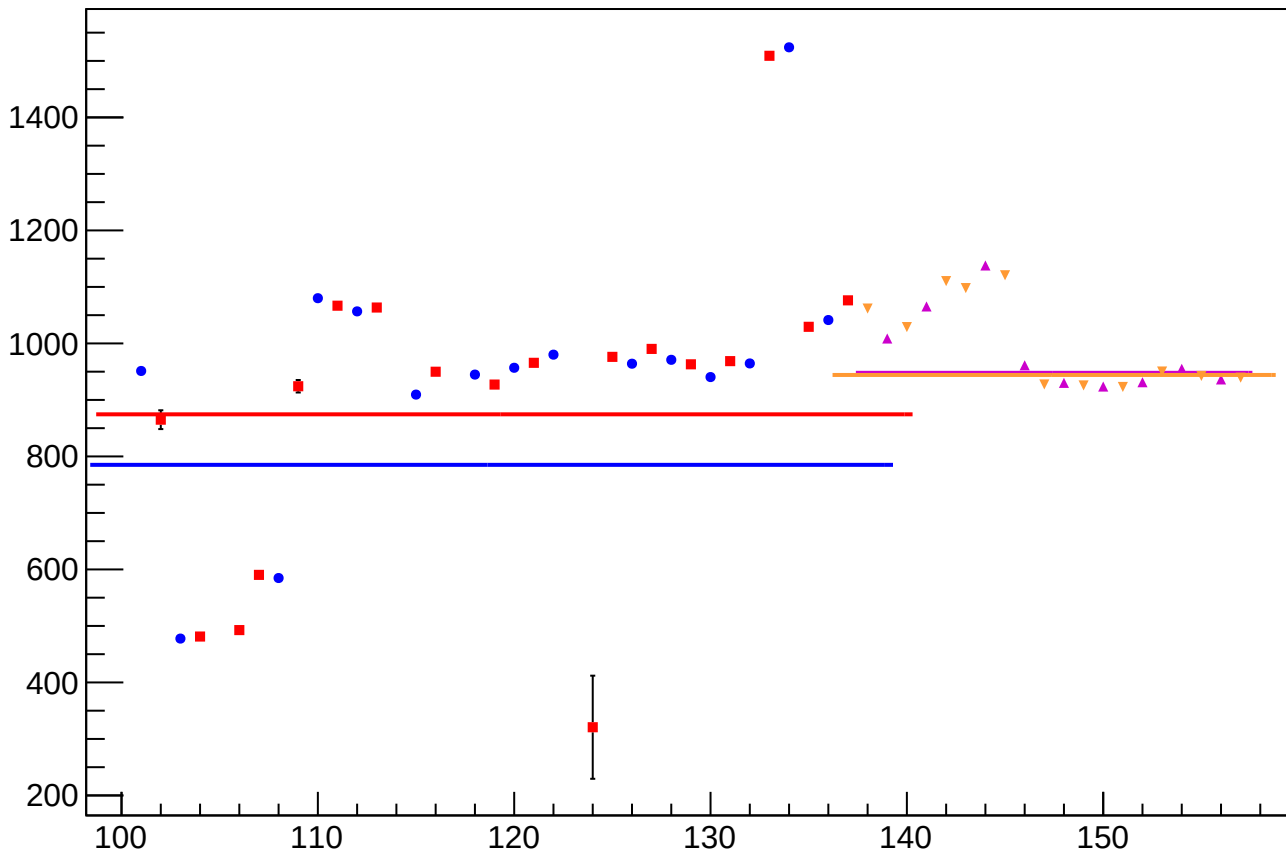
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -789.434+/-0.144 χ^2/NDF : 1240047.6/23

Out: -803.467+/-0.158 χ^2/NDF : 908518.3/28

All: -795.803+/-0.106 χ^2/NDF : 2152900.7/52

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.189+/-0.161 χ^2/NDF : 67979.4/10

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 947.972+/-0.149 χ^2/NDF : 73743.4/8

Left: 946.224+/-0.109 χ^2/NDF : 142019.8/19

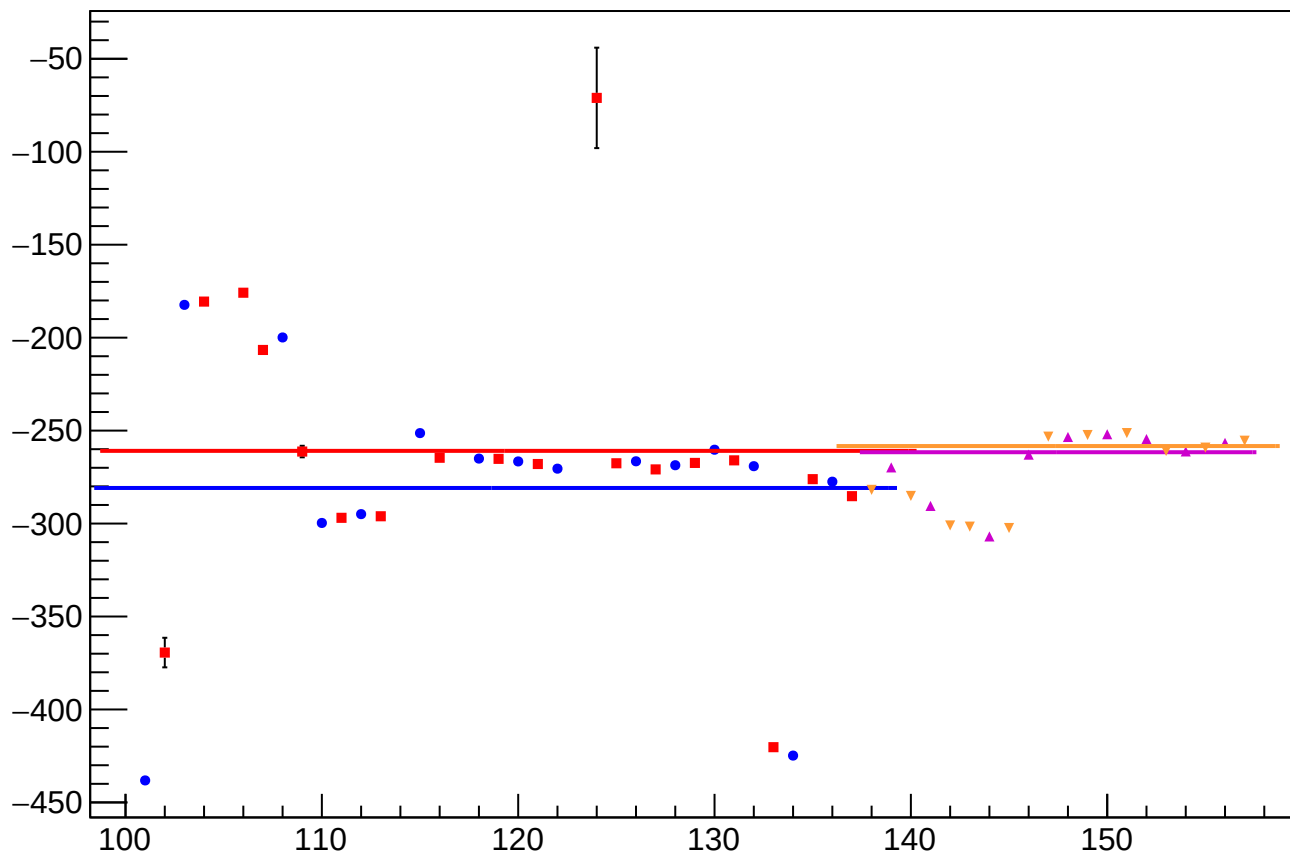
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 899.125+/-0.125 χ^2/NDF : 1317050.3/23

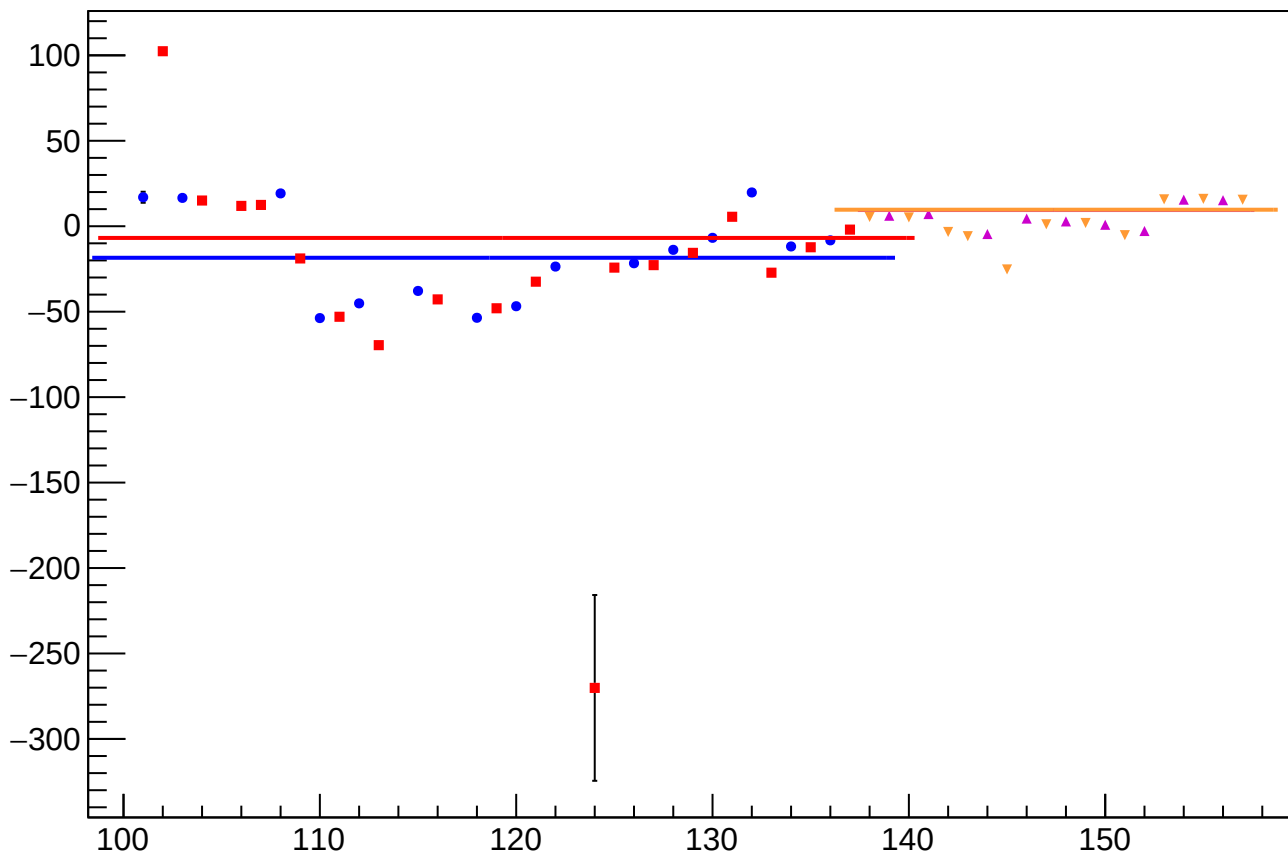
Out: 925.007+/-0.137 χ^2/NDF : 962083.5/28

All: 910.863+/-0.092 χ^2/NDF : 2298614.3/52

dit_atr2_11X12X_slope vs Slug, Sign Corrected



dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 9.665 ± 0.035 $\chi^2/\text{NDF}: 47612.9/10$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 9.482 ± 0.028 $\chi^2/\text{NDF}: 58802.2/8$

Left: 9.553 ± 0.022 $\chi^2/\text{NDF}: 106431.3/19$

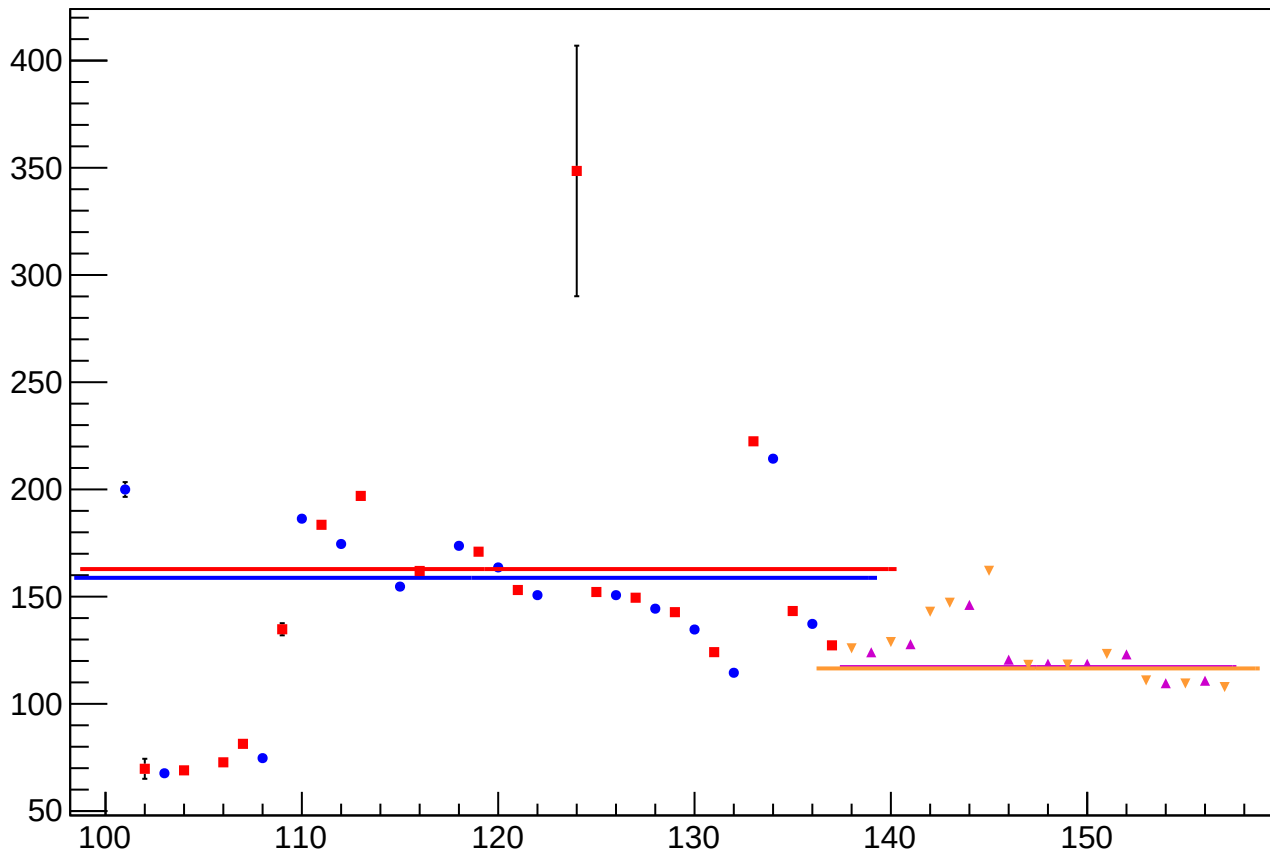
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 7.082 ± 0.027 $\chi^2/\text{NDF}: 190998.8/23$

Out: 5.850 ± 0.031 $\chi^2/\text{NDF}: 147888.4/28$

All: 6.557 ± 0.020 $\chi^2/\text{NDF}: 339790.6/52$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 116.517 $\pm$ 0.040 χ^2 /NDF: 60089.3/10

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 117.164 $\pm$ 0.036 χ^2 /NDF: 35000.0/8

Left: 116.876 $\pm$ 0.027 χ^2 /NDF: 95236.5/19

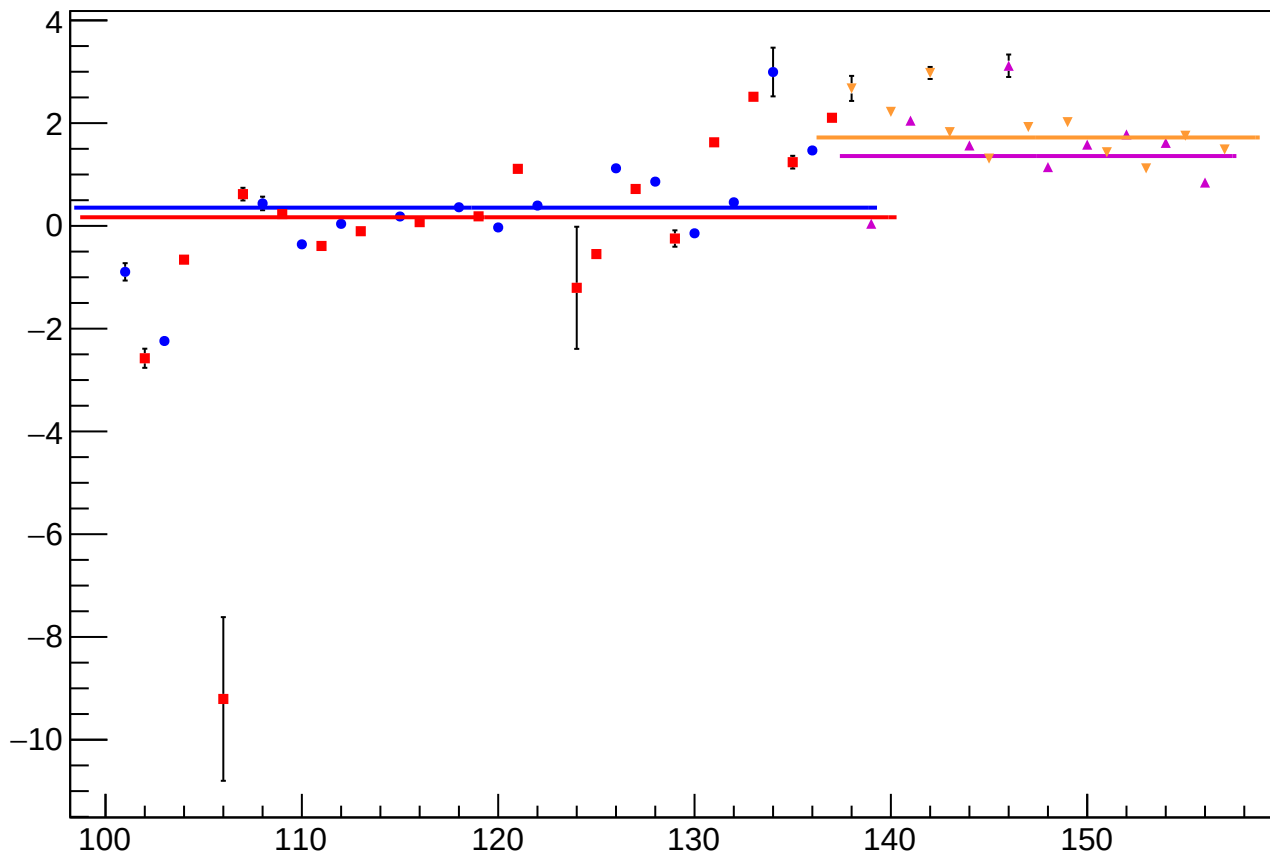
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 122.970 $\pm$ 0.033 χ^2 /NDF: 385037.4/23

Out: 123.643 $\pm$ 0.037 χ^2 /NDF: 425159.5/28

All: 123.272 $\pm$ 0.024 χ^2 /NDF: 810383.8/52

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.721 ± 0.015 χ^2/NDF : 608.7/10

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.359 ± 0.010 χ^2/NDF : 3153.8/8

Left: 1.468 ± 0.008 χ^2/NDF : 4147.9/19

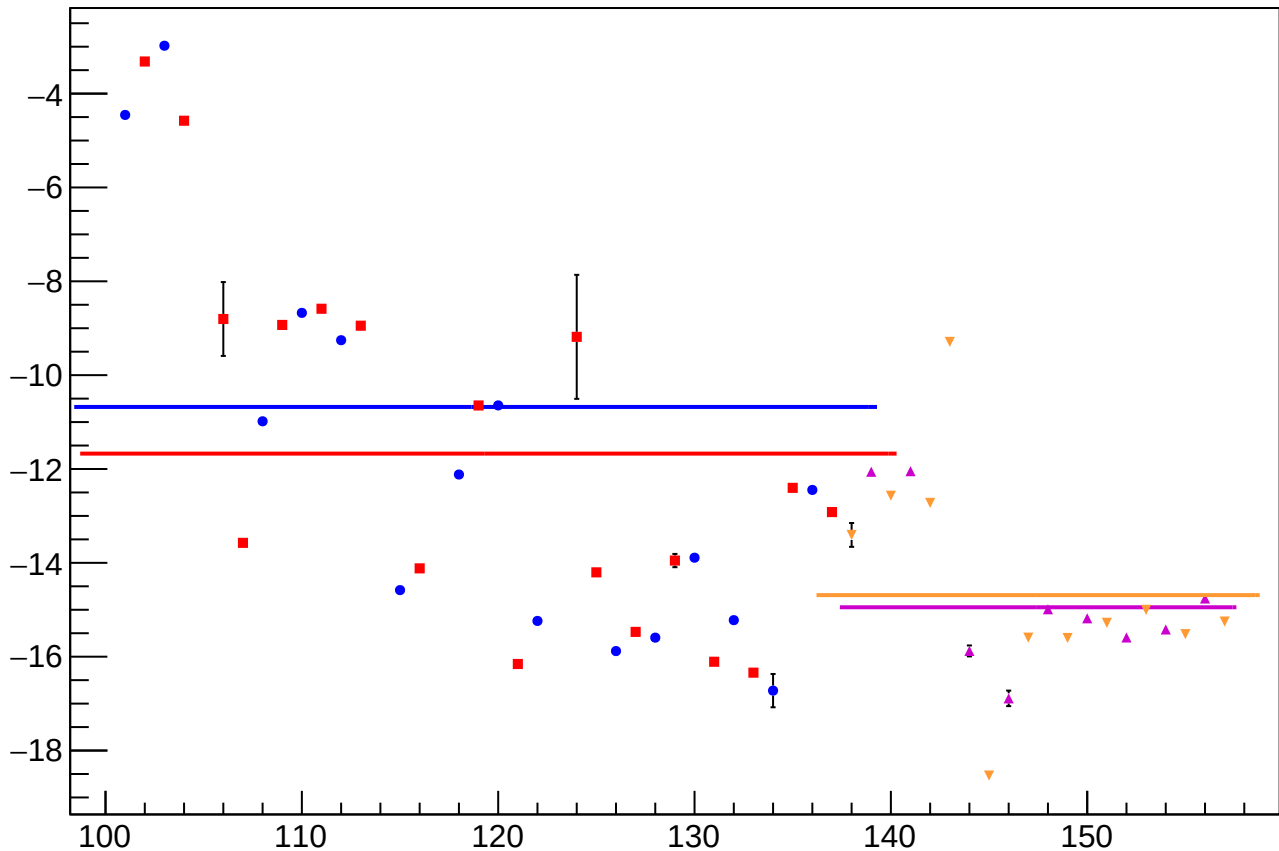
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.934 ± 0.008 χ^2/NDF : 11368.8/23

Out: 0.475 ± 0.007 χ^2/NDF : 13351.0/28

All: 0.679 ± 0.005 χ^2/NDF : 26718.9/52

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.688 ± 0.013 $\chi^2/\text{NDF}: 28912.3/10$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.947 ± 0.009 $\chi^2/\text{NDF}: 10789.1/8$

Left: -14.857 ± 0.007 $\chi^2/\text{NDF}: 39981.6/19$

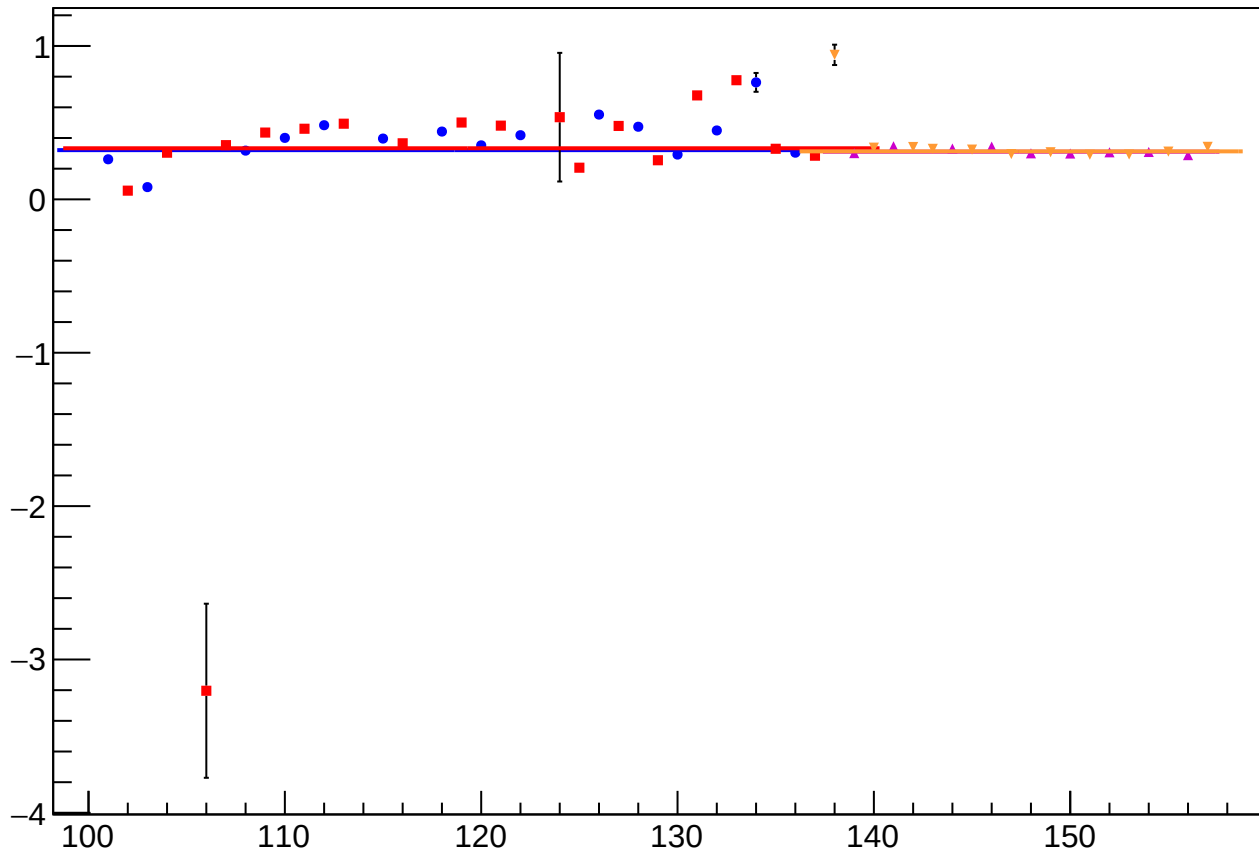
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.073 ± 0.007 $\chi^2/\text{NDF}: 334356.8/23$

Out: -13.071 ± 0.009 $\chi^2/\text{NDF}: 167901.4/28$

All: -13.072 ± 0.005 $\chi^2/\text{NDF}: 502258.1/52$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.313+/-0.000 χ^2/NDF :2519.8/10

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.311+/-0.000 χ^2/NDF :1675.8/8

Left: 0.312+/-0.000 χ^2/NDF : 4213.5/19

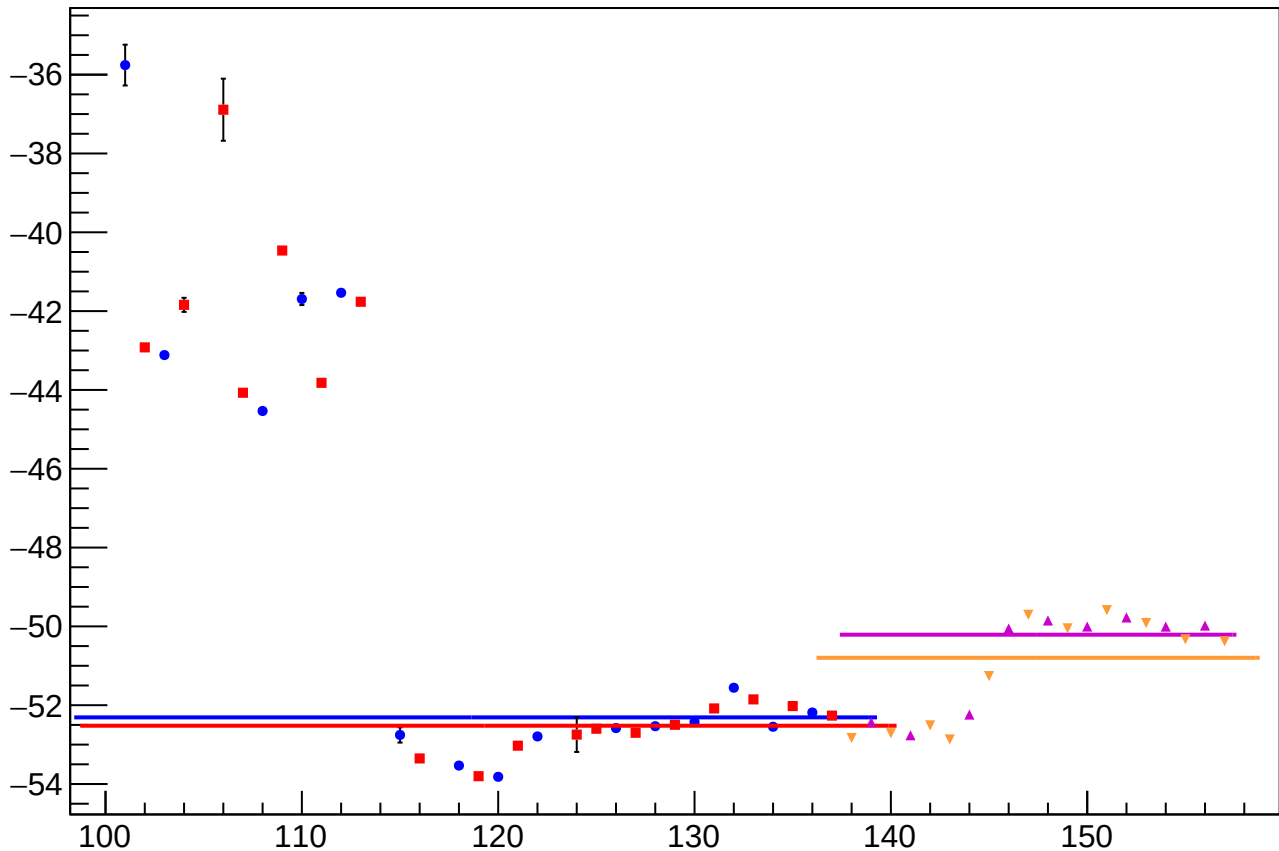
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.312+/-0.000 χ^2/NDF :5796.9/23

Out: 0.315+/-0.000 χ^2/NDF :6925.2/28

All: 0.313+/-0.000 χ^2/NDF : 12751.0/52

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.797 $\pm$ 0.003 χ^2 /NDF: 190284.9/10

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.211 $\pm$ 0.002 χ^2 /NDF: 154896.5/8

Left: -50.372 $\pm$ 0.002 χ^2 /NDF: 371007.7/19

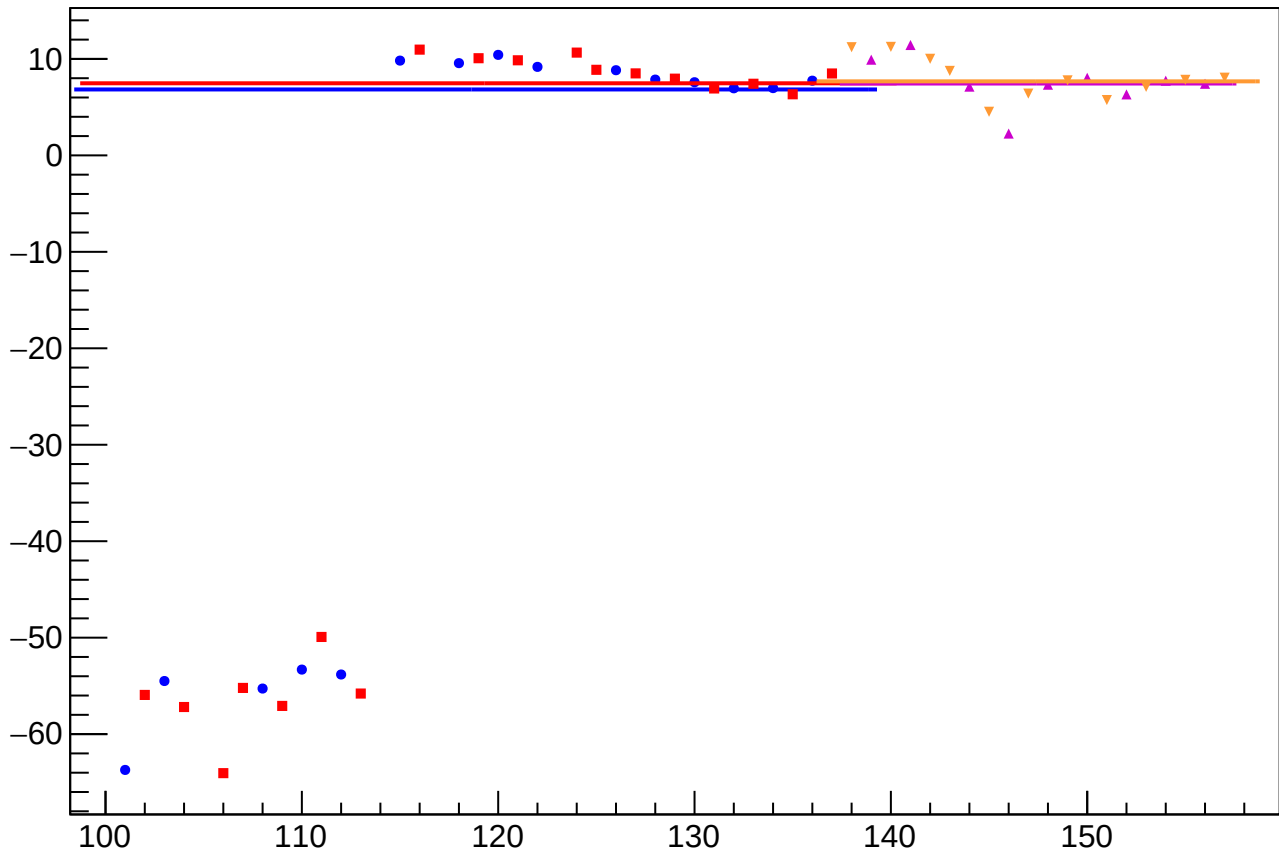
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.542 $\pm$ 0.002 χ^2 /NDF: 398700.7/23

Out: -51.335 $\pm$ 0.003 χ^2 /NDF: 363290.8/28

All: -50.793 $\pm$ 0.001 χ^2 /NDF: 826962.3/52

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 7.674 ± 0.006 χ^2/NDF : 71292.7/10

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.449 ± 0.004 χ^2/NDF : 93003.5/8

Left: 7.515 ± 0.003 χ^2/NDF : 165246.5/19

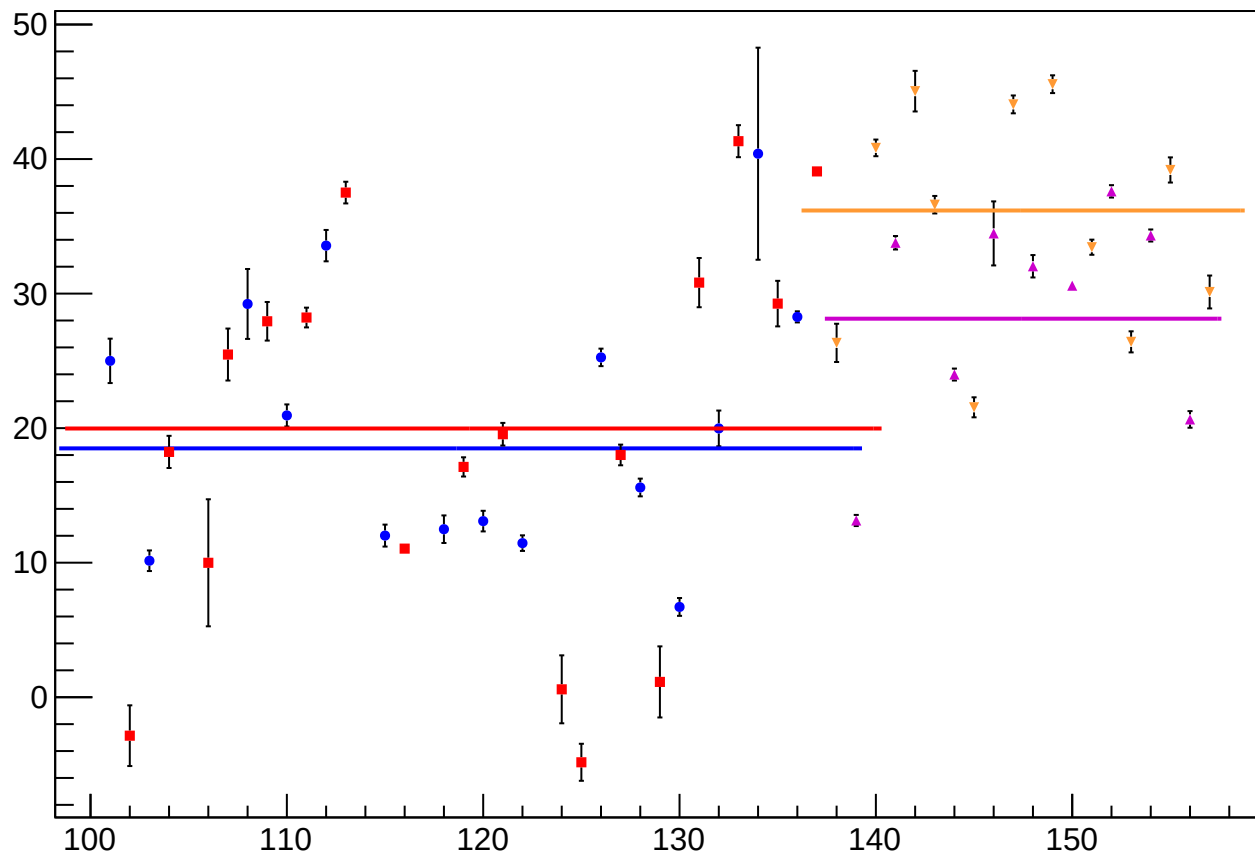
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 7.214 ± 0.003 χ^2/NDF : 1092703.7/23

Out: 7.613 ± 0.005 χ^2/NDF : 1267114.7/28

All: 7.322 ± 0.003 χ^2/NDF : 2364246.0/52

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 36.177 $\pm$ 0.230 χ^2 /NDF:1082.6/10

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 28.135 $\pm$ 0.161 χ^2 /NDF:2370.6/8

Left: 30.786 $\pm$ 0.132 χ^2 /NDF: 4271.1/19

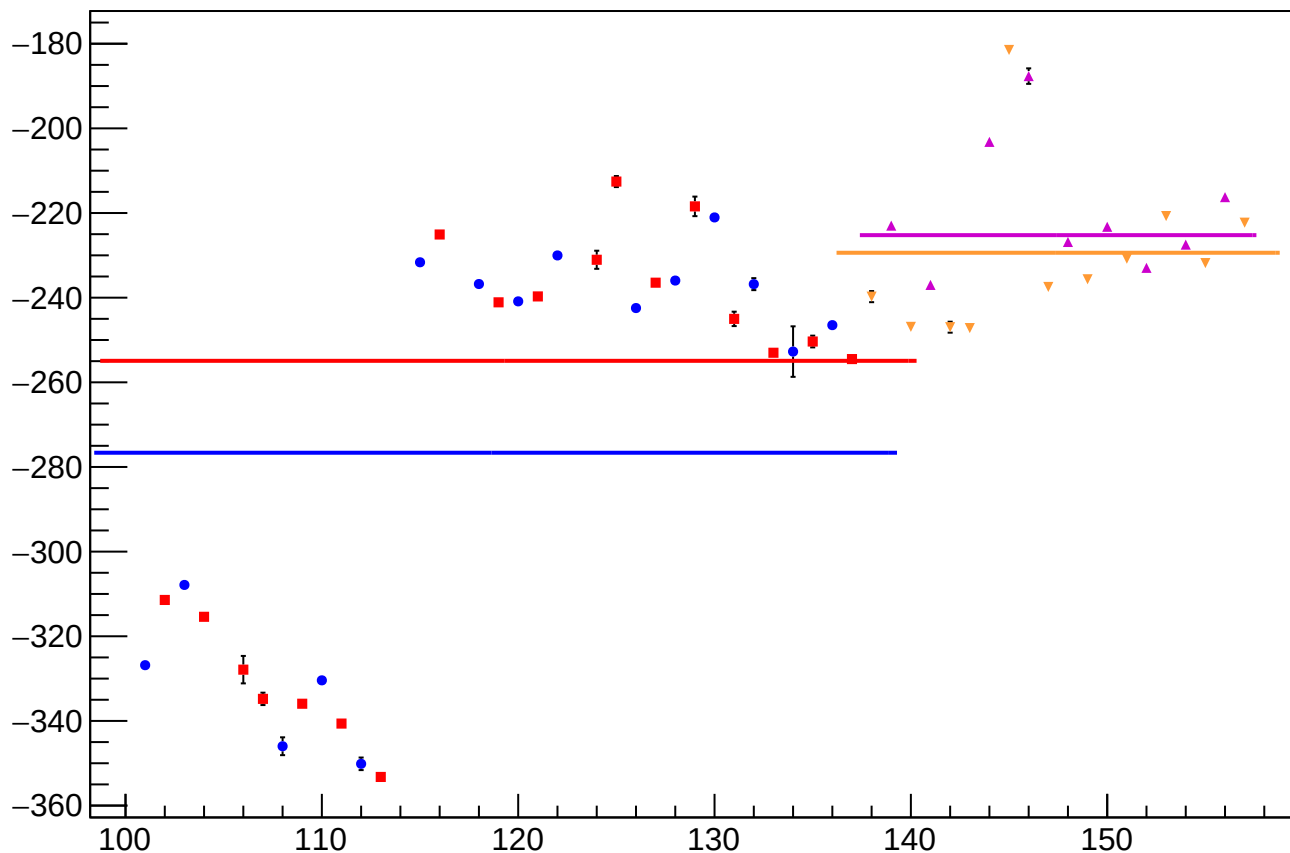
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 24.333 $\pm$ 0.126 χ^2 /NDF:5413.1/23

Out: 23.900 $\pm$ 0.113 χ^2 /NDF:14037.2/28

All: 24.094 $\pm$ 0.084 χ^2 /NDF: 19456.9/52

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -229.387 ± 0.184 χ^2/NDF : 10949.7/10

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -225.227 ± 0.139 χ^2/NDF : 2891.4/8

Left: -226.735 ± 0.111 χ^2/NDF : 14165.4/19

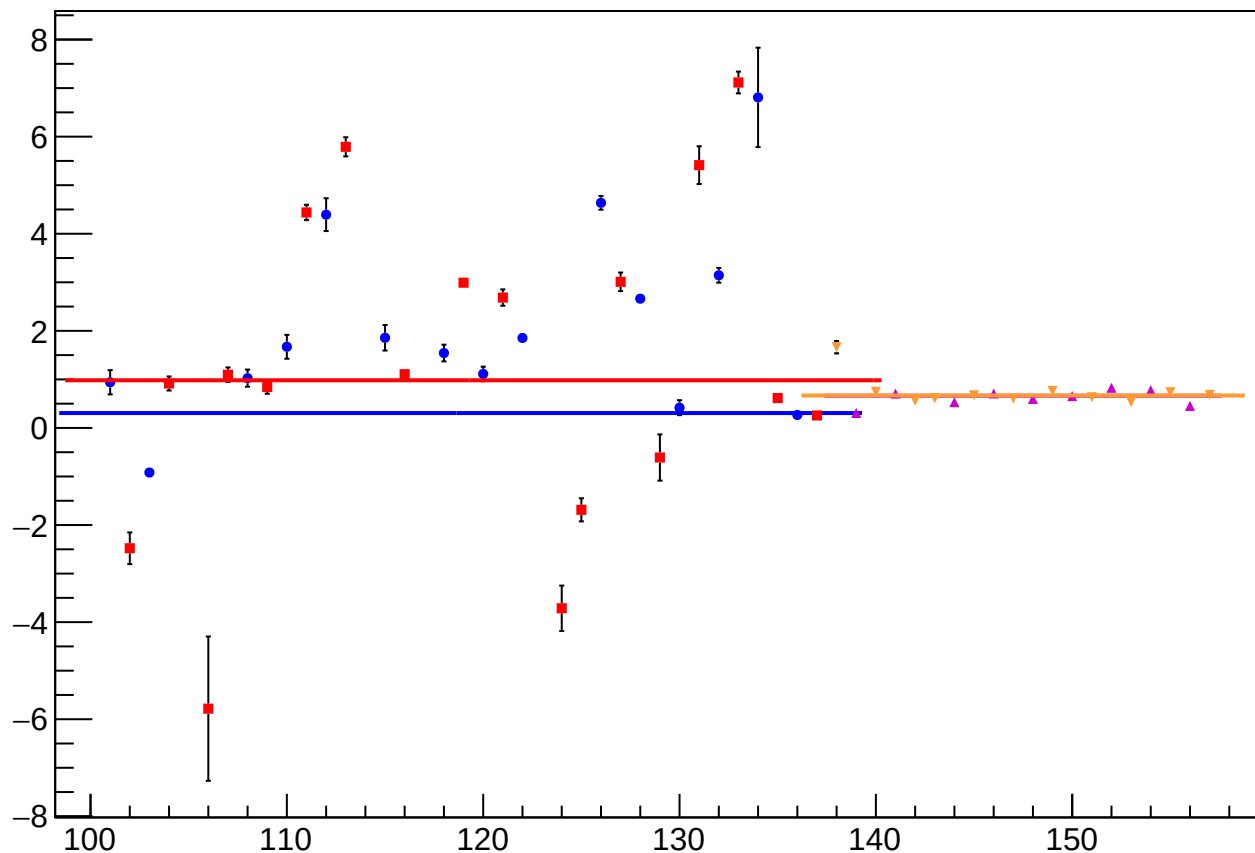
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -249.413 ± 0.101 χ^2/NDF : 144299.1/23

Out: -251.608 ± 0.066 χ^2/NDF : 99571.5/28

All: -250.947 ± 0.056 χ^2/NDF : 244199.1/52

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.668 $\pm$ 0.003 χ^2/NDF :568.4/10

Right Out: 0.982 $\pm$ 0.015 χ^2/NDF : 3374.7/17

Left In: 0.663 $\pm$ 0.003 χ^2/NDF :3821.6/8

Left: 0.665 $\pm$ 0.002 χ^2/NDF : 4391.6/19

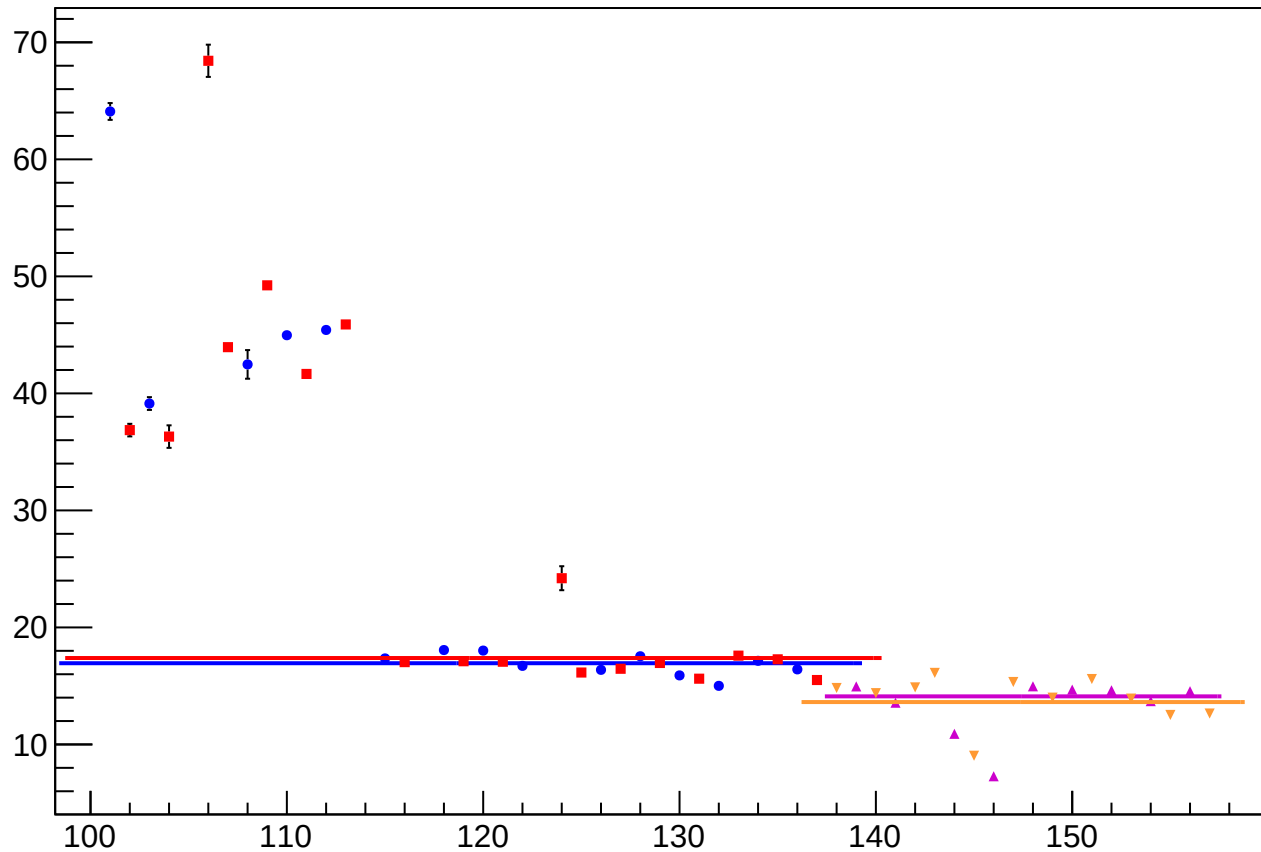
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.613 $\pm$ 0.002 χ^2/NDF :9087.1/23

Out: 0.683 $\pm$ 0.003 χ^2/NDF :4378.9/28

All: 0.640 $\pm$ 0.002 χ^2/NDF : 13765.4/52

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.623 $\pm$ 0.013 χ^2/NDF : 43823.7/10

Right Out: 17.385 $\pm$ 0.018 χ^2/NDF : 61131.5/17

Left In: 14.109 $\pm$ 0.012 χ^2/NDF : 6073.7/8

Left: 13.879 $\pm$ 0.009 χ^2/NDF : 50692.3/19

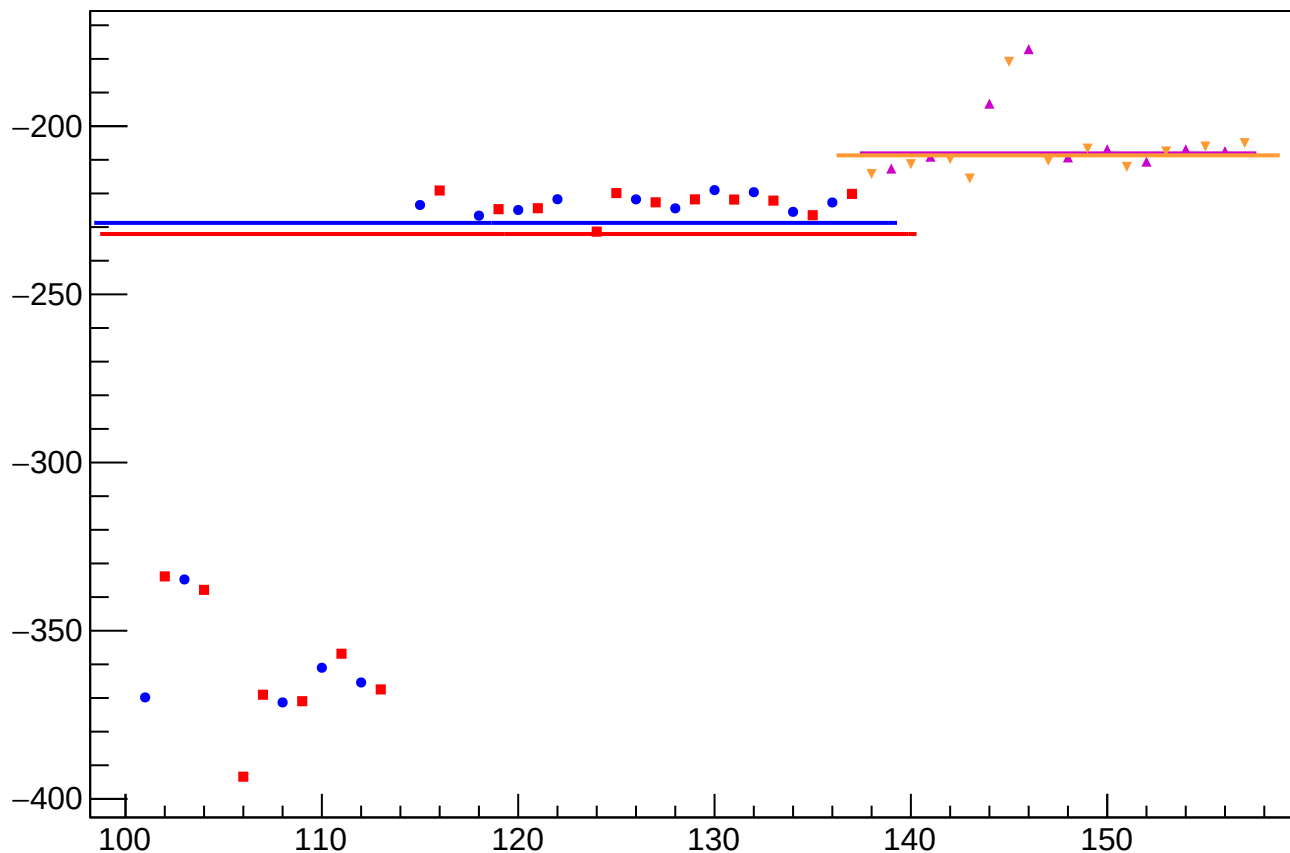
Right: 17.096 $\pm$ 0.010 χ^2/NDF : 90566.4/32

In: 15.410 $\pm$ 0.009 χ^2/NDF : 61275.8/23

Out: 14.887 $\pm$ 0.010 χ^2/NDF : 135335.8/28

All: 15.189 $\pm$ 0.007 χ^2/NDF : 198130.8/52

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -208.674+/-0.022 χ^2/NDF : 73723.7/10

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -208.084+/-0.020 χ^2/NDF : 14101.3/8

Left: -208.351+/-0.015 χ^2/NDF : 88220.9/19

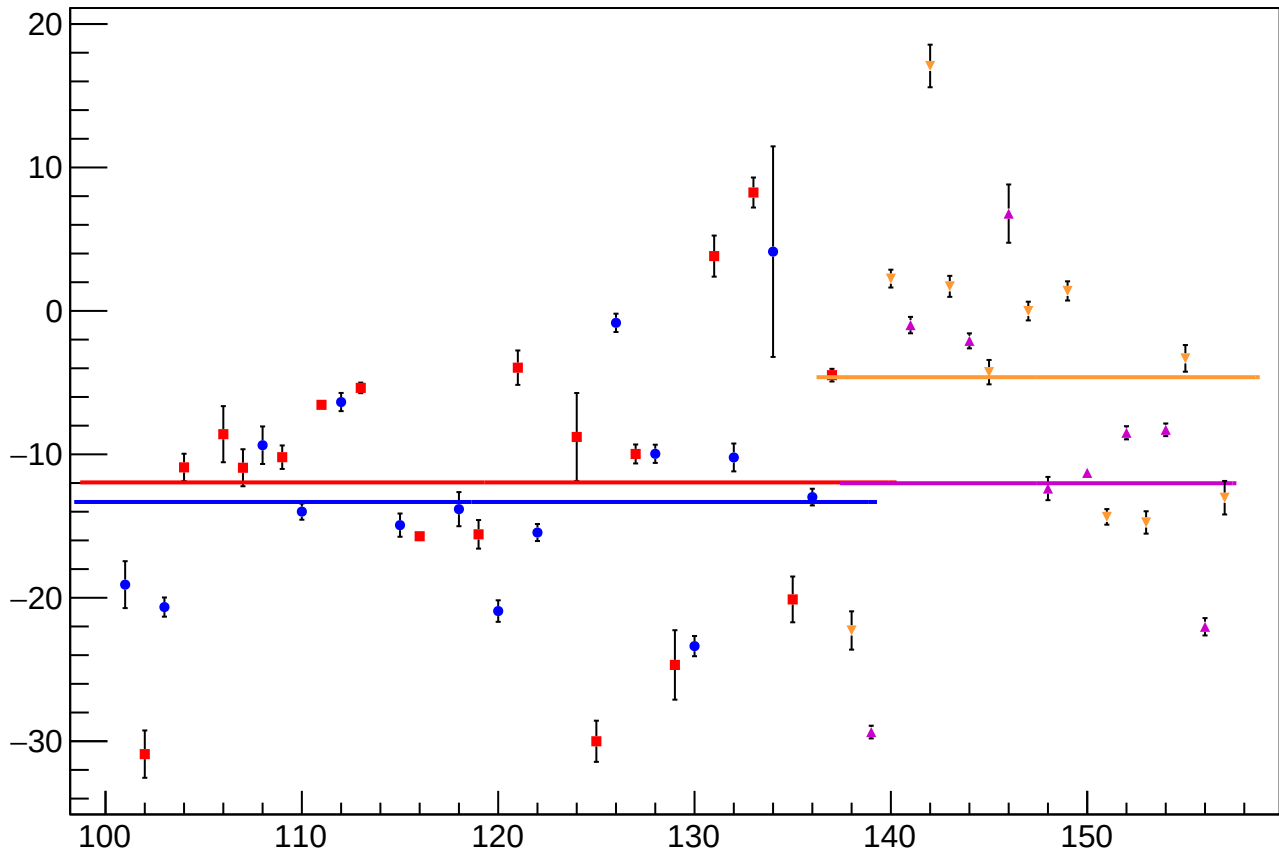
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -213.217+/-0.017 χ^2/NDF : 938483.5/23

Out: -213.822+/-0.019 χ^2/NDF : 1115237.8/28

All: -213.485+/-0.013 χ^2/NDF : 2054264.5/52

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -4.622 ± 0.233 $\chi^2/\text{NDF}: 1259.6/10$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -12.013 ± 0.171 $\chi^2/\text{NDF}: 2752.5/8$

Left: -9.439 ± 0.138 $\chi^2/\text{NDF}: 4665.4/19$

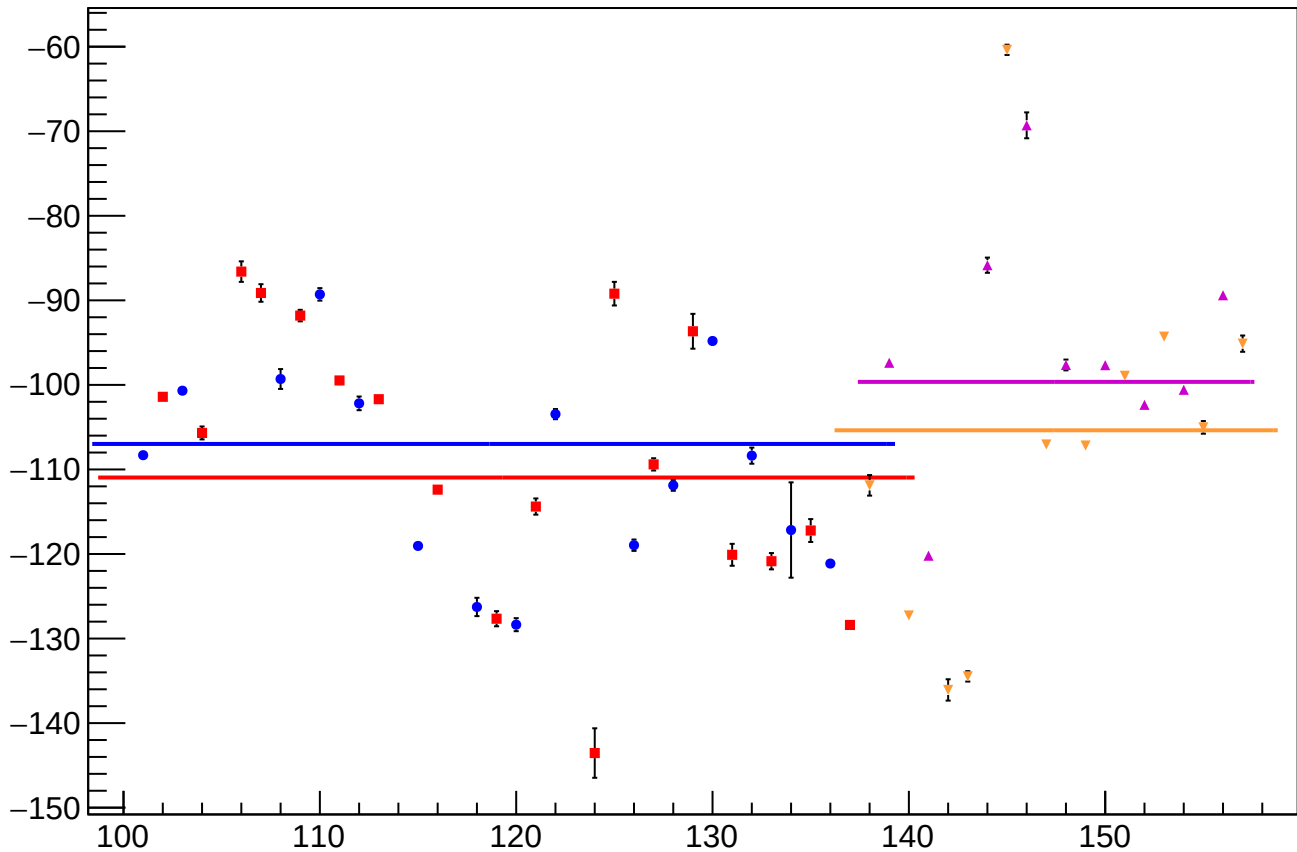
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -12.585 ± 0.128 $\chi^2/\text{NDF}: 3791.2/23$

Out: -10.572 ± 0.101 $\chi^2/\text{NDF}: 4547.6/28$

All: -11.348 ± 0.080 $\chi^2/\text{NDF}: 8490.6/52$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -105.367 ± 0.184 $\chi^2/\text{NDF}: 11078.4/10$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -99.642 ± 0.143 $\chi^2/\text{NDF}: 3204.4/8$

Left: -101.792 ± 0.113 $\chi^2/\text{NDF}: 14886.0/19$

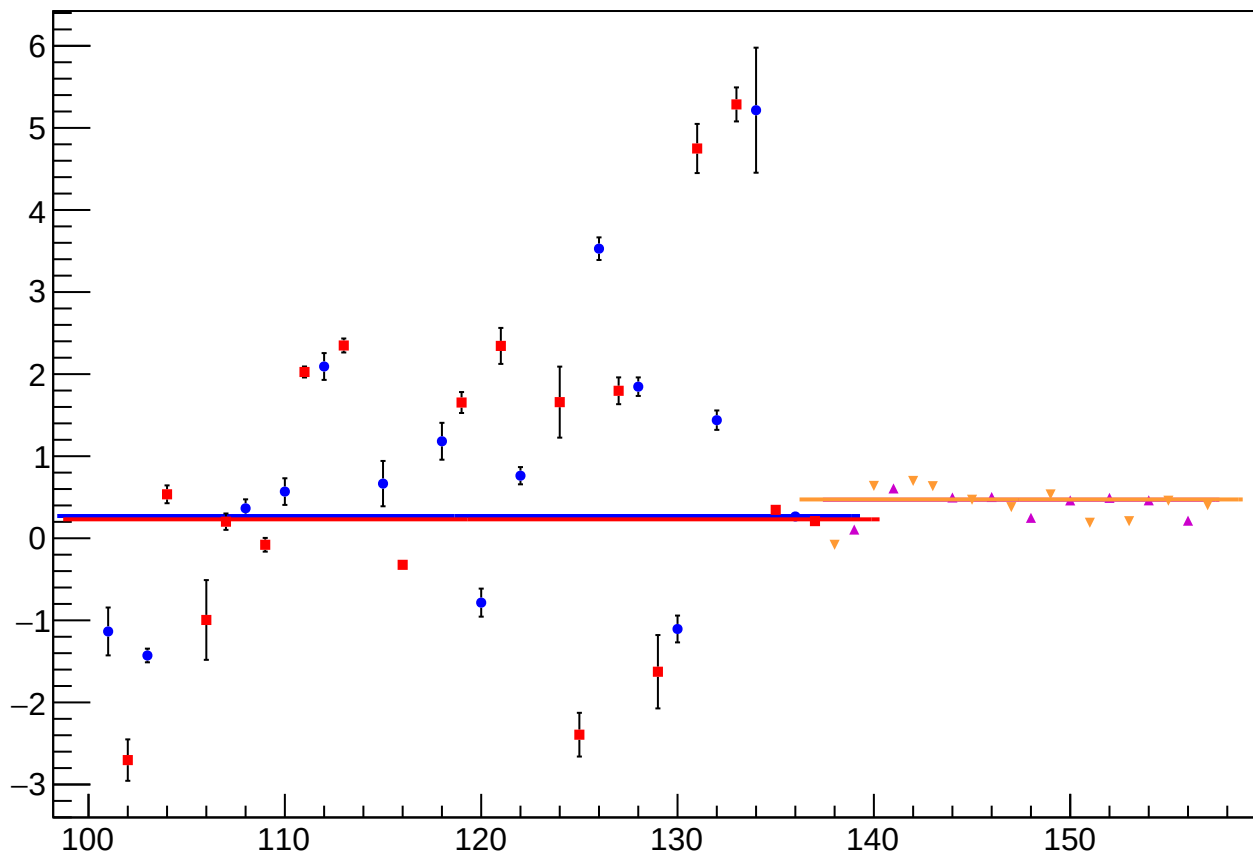
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -104.250 ± 0.087 $\chi^2/\text{NDF}: 9519.7/23$

Out: -110.569 ± 0.048 $\chi^2/\text{NDF}: 22610.0/28$

All: -109.079 ± 0.042 $\chi^2/\text{NDF}: 36144.7/52$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.473+/-0.004 χ^2/NDF : 2198.6/10

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.470+/-0.003 χ^2/NDF : 2914.8/8

Left: 0.471+/-0.002 χ^2/NDF : 5114.0/19

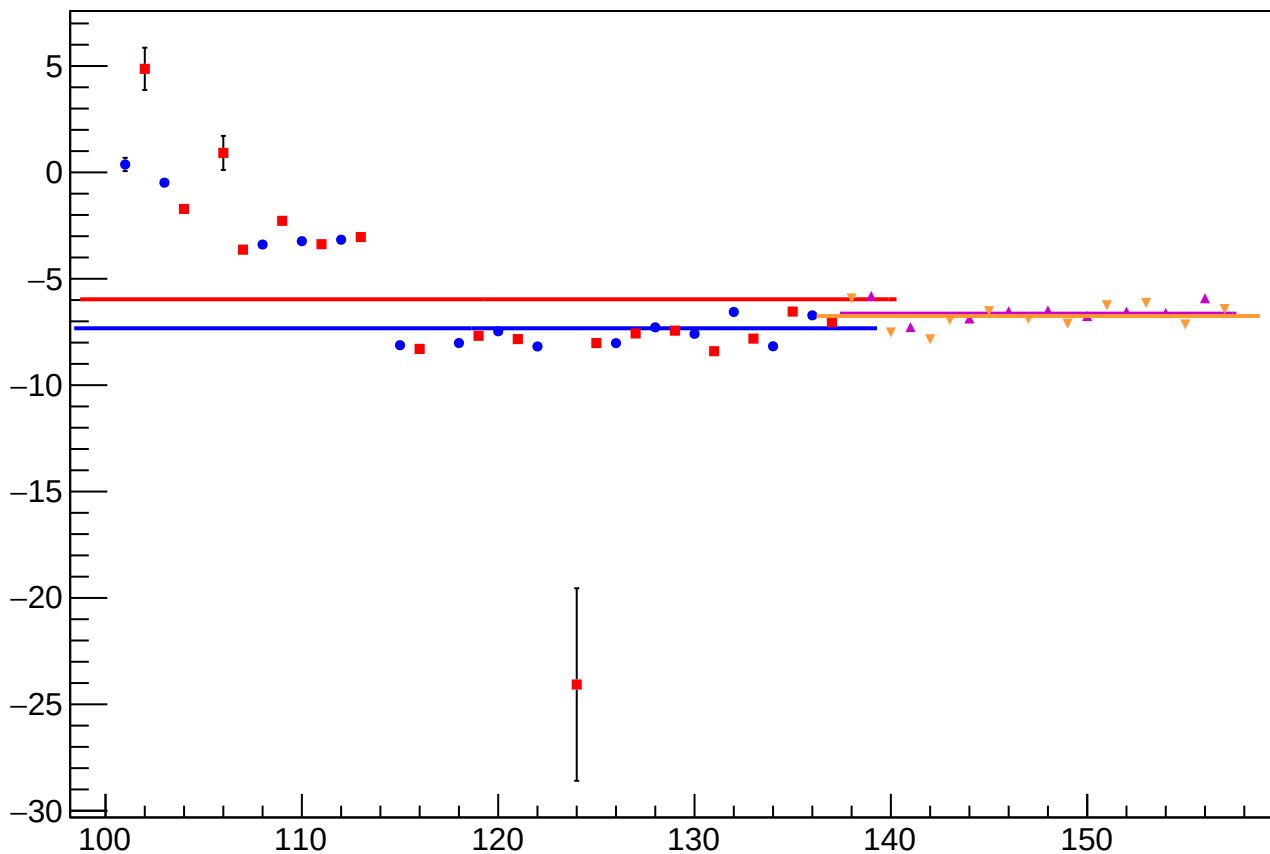
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.430+/-0.002 χ^2/NDF : 5639.7/23

Out: 0.377+/-0.003 χ^2/NDF : 6924.1/28

All: 0.408+/-0.002 χ^2/NDF : 12773.4/52

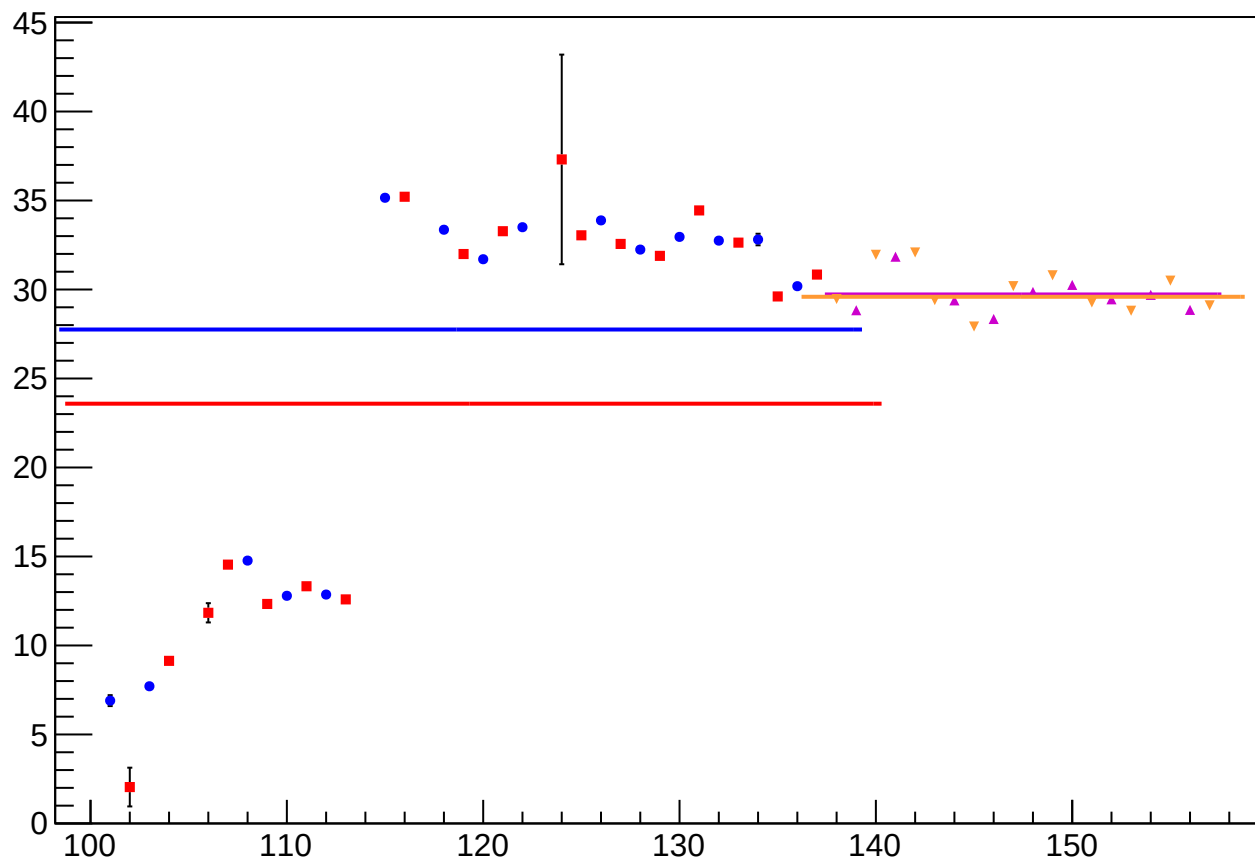
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.751 ± 0.009 $\chi^2/\text{NDF}: 2354.5/10$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.639 ± 0.007 $\chi^2/\text{NDF}: 3167.8/8$

Left: -6.682 ± 0.006 $\chi^2/\text{NDF}: 5620.6/19$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.925 ± 0.005 $\chi^2/\text{NDF}: 37597.1/23$
 Out: -6.353 ± 0.006 $\chi^2/\text{NDF}: 78142.0/28$
 All: -6.680 ± 0.004 $\chi^2/\text{NDF}: 120539.0/52$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.591 $\pm$ 0.015 χ^2 /NDF: 7045.9/10

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.722 $\pm$ 0.013 χ^2 /NDF: 2319.5/8

Left: 29.666 $\pm$ 0.010 χ^2 /NDF: 9408.1/19

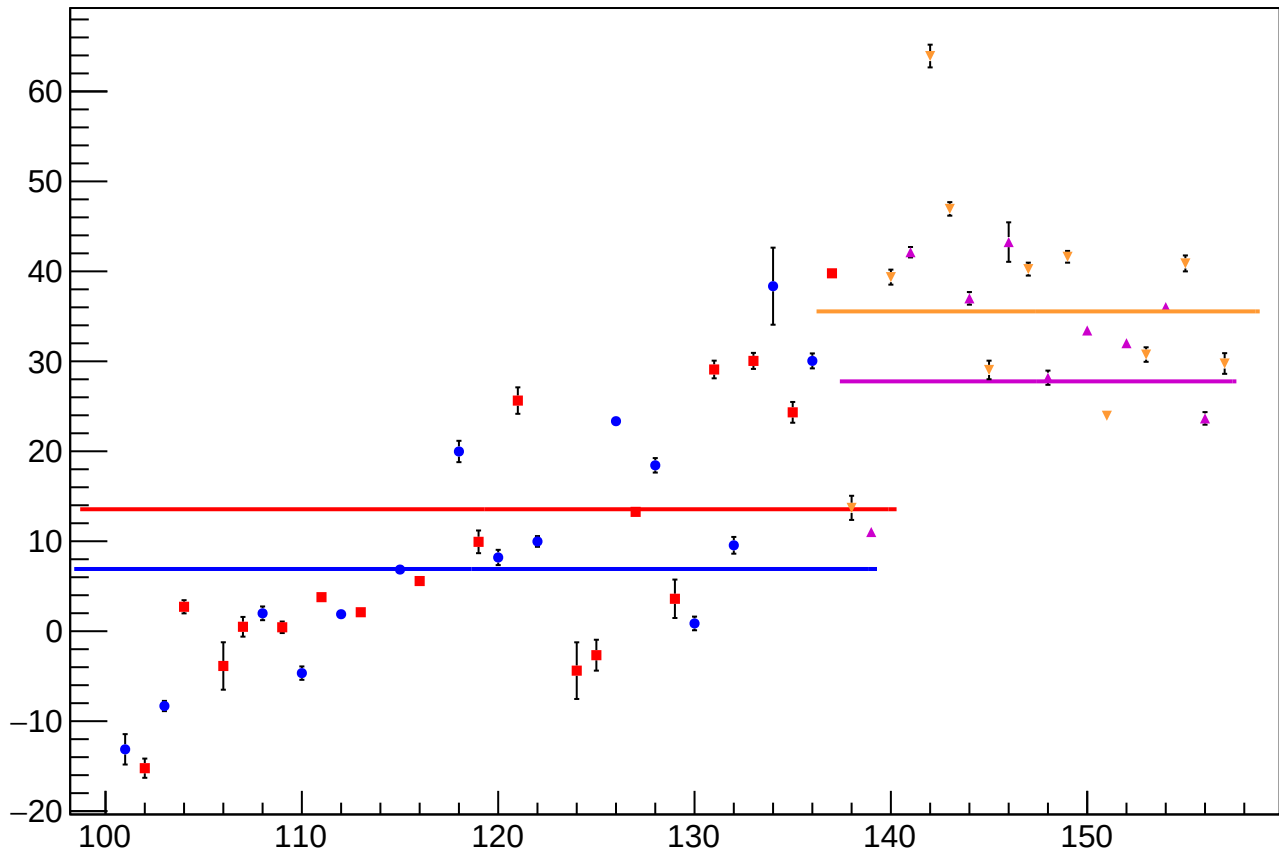
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.876 $\pm$ 0.010 χ^2 /NDF: 345037.1/23

Out: 26.301 $\pm$ 0.010 χ^2 /NDF: 633408.9/28

All: 27.627 $\pm$ 0.007 χ^2 /NDF: 1011597.1/52

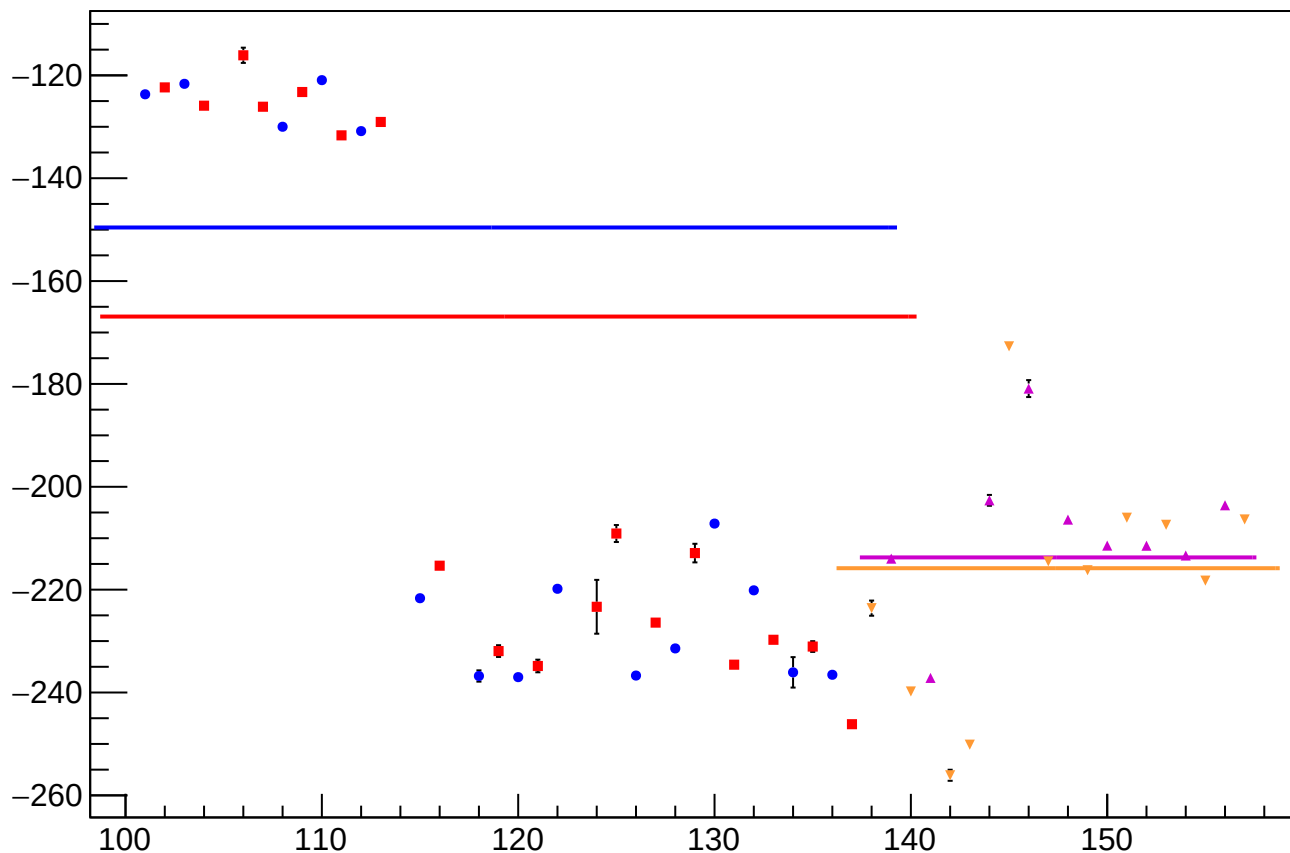
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14
 Left Out: 35.548 $\pm$ 0.243 χ^2/NDF :1789.0/10
 Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17
 Left In: 27.770 $\pm$ 0.168 χ^2/NDF :4249.5/8

Left: 30.277 $\pm$ 0.138 χ^2/NDF : 6731.3/19
 Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32
 In: 17.875 $\pm$ 0.122 χ^2/NDF :15085.1/23
 Out: 19.326 $\pm$ 0.125 χ^2/NDF :19475.2/28
 All: 18.583 $\pm$ 0.087 χ^2/NDF : 34629.7/52

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -215.831 ± 0.197 χ^2/NDF : 10005.6/10

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -213.732 ± 0.140 χ^2/NDF : 3705.5/8

Left: -214.437 ± 0.114 χ^2/NDF : 13786.8/19

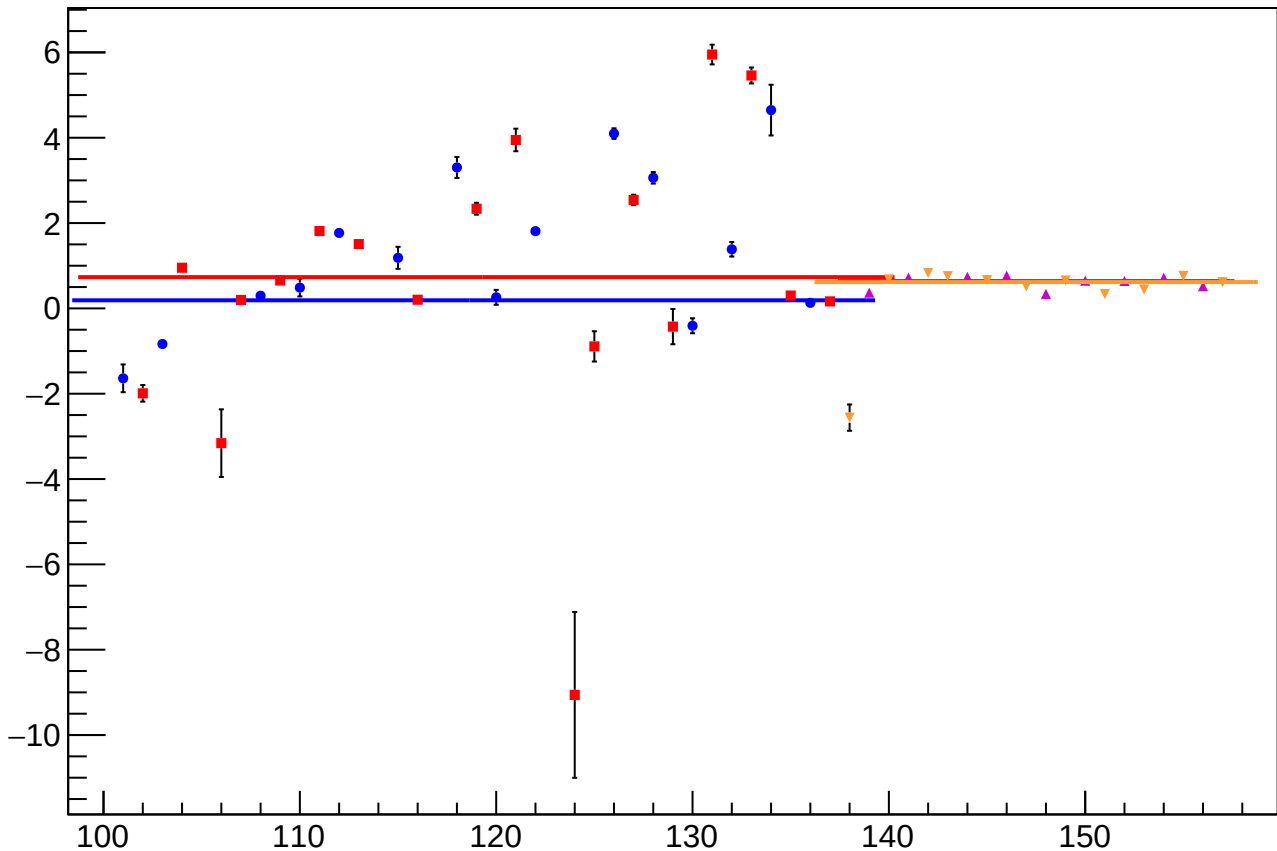
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -171.553 ± 0.082 χ^2/NDF : 337331.6/23

Out: -177.054 ± 0.090 χ^2/NDF : 354606.3/28

All: -174.055 ± 0.060 χ^2/NDF : 693995.2/52

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.617 $\pm$ 0.004 χ^2 /NDF:1354.7/10

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.640 $\pm$ 0.003 χ^2 /NDF:1133.9/8

Left: 0.631 $\pm$ 0.003 χ^2 /NDF: 2507.2/19

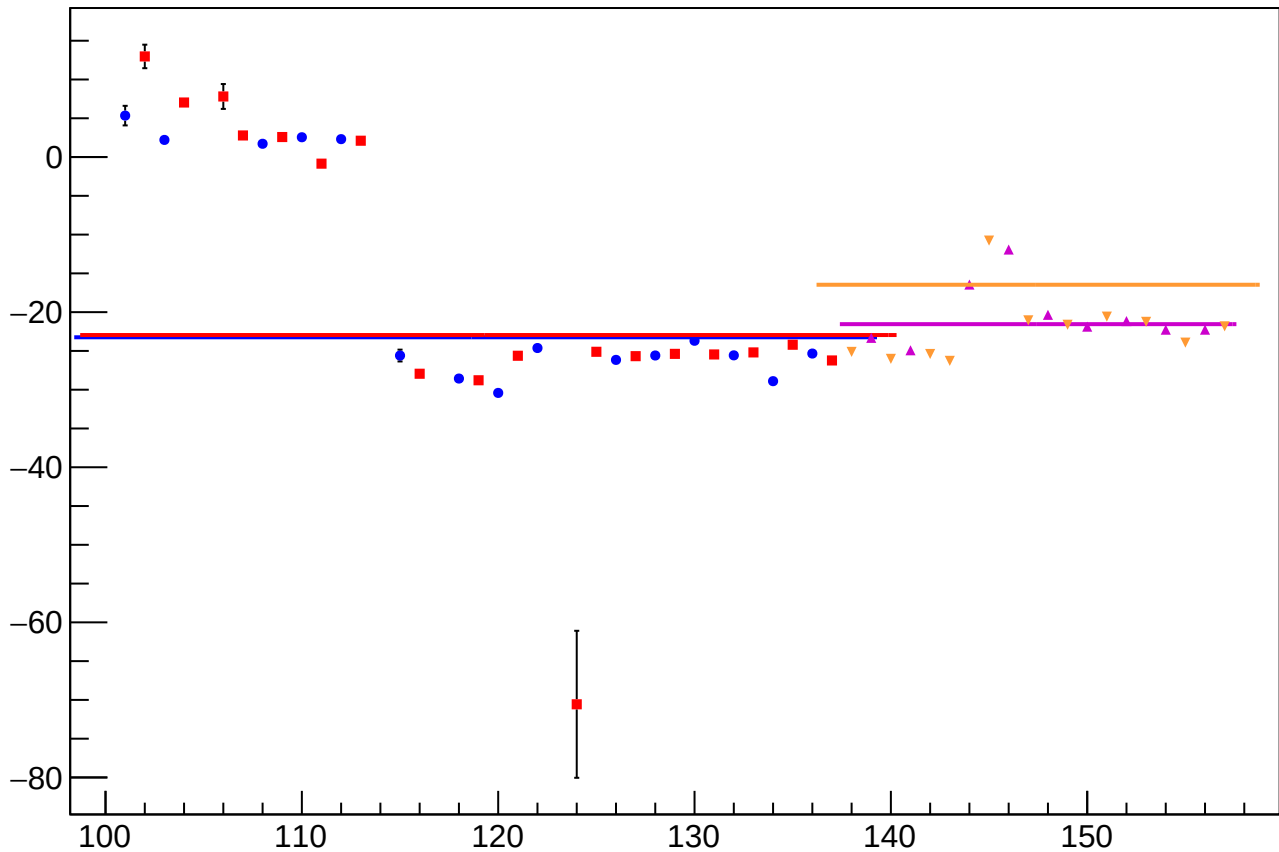
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.580 $\pm$ 0.003 χ^2 /NDF:6230.5/23

Out: 0.622 $\pm$ 0.004 χ^2 /NDF:4054.4/28

All: 0.596 $\pm$ 0.002 χ^2 /NDF: 10353.4/52

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -16.466+/-0.019 χ^2/NDF :109228.3/10

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -21.548+/-0.022 χ^2/NDF :8332.1/8

Left: -18.640+/-0.014 χ^2/NDF : 148399.7/19

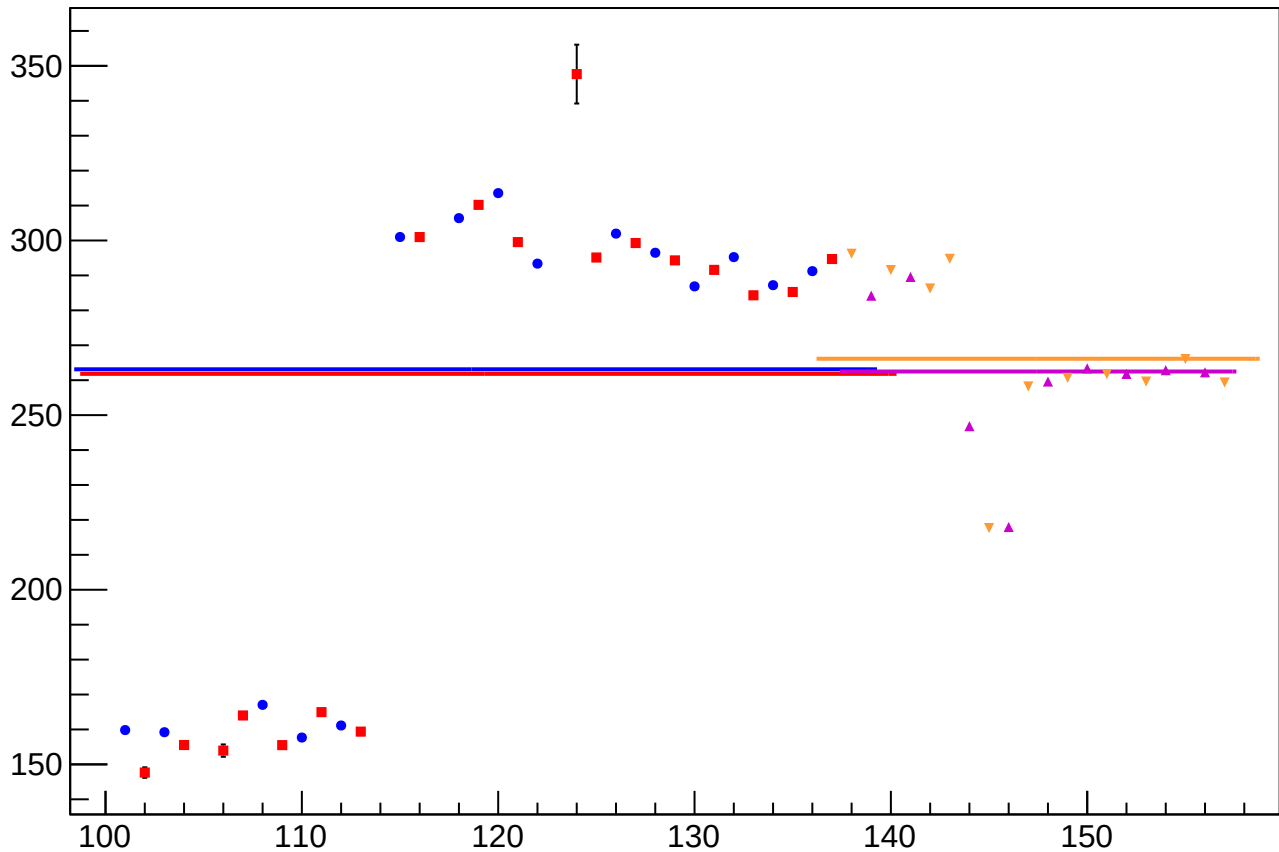
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -22.290+/-0.016 χ^2/NDF :114059.5/23

Out: -18.866+/-0.015 χ^2/NDF :260717.2/28

All: -20.428+/-0.011 χ^2/NDF : 398485.7/52

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 266.144 $\pm$ 0.046 χ^2 /NDF:186628.7/10

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 262.486 $\pm$ 0.039 χ^2 /NDF:34959.9/8

Left: 264.002 $\pm$ 0.030 χ^2 /NDF: 225243.8/19

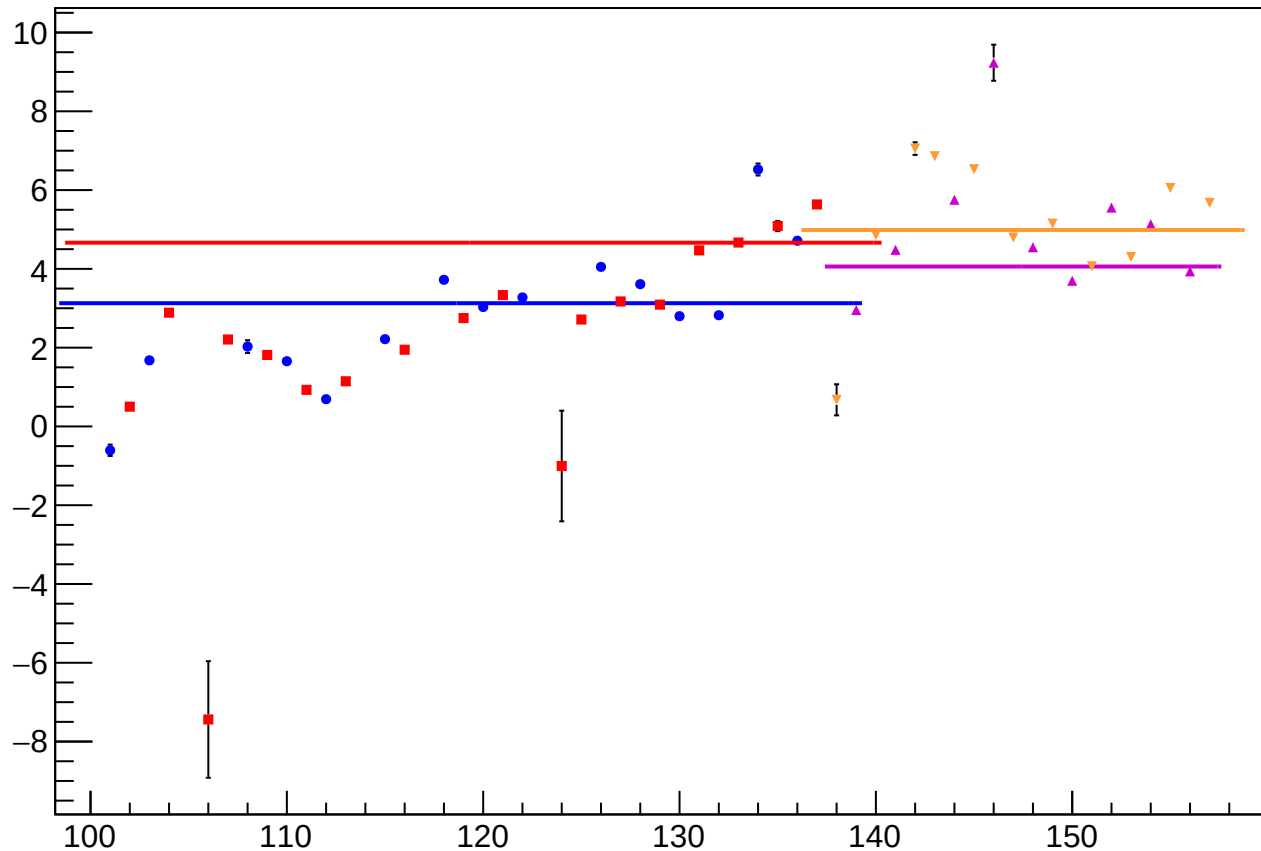
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.639 $\pm$ 0.034 χ^2 /NDF:727909.2/23

Out: 264.543 $\pm$ 0.037 χ^2 /NDF:1196052.6/28

All: 263.515 $\pm$ 0.025 χ^2 /NDF: 1925410.8/52

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.988 ± 0.018 $\chi^2/\text{NDF}: 1698.2/10$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.060 ± 0.018 $\chi^2/\text{NDF}: 2322.0/8$

Left: 4.533 ± 0.013 $\chi^2/\text{NDF}: 5314.9/19$

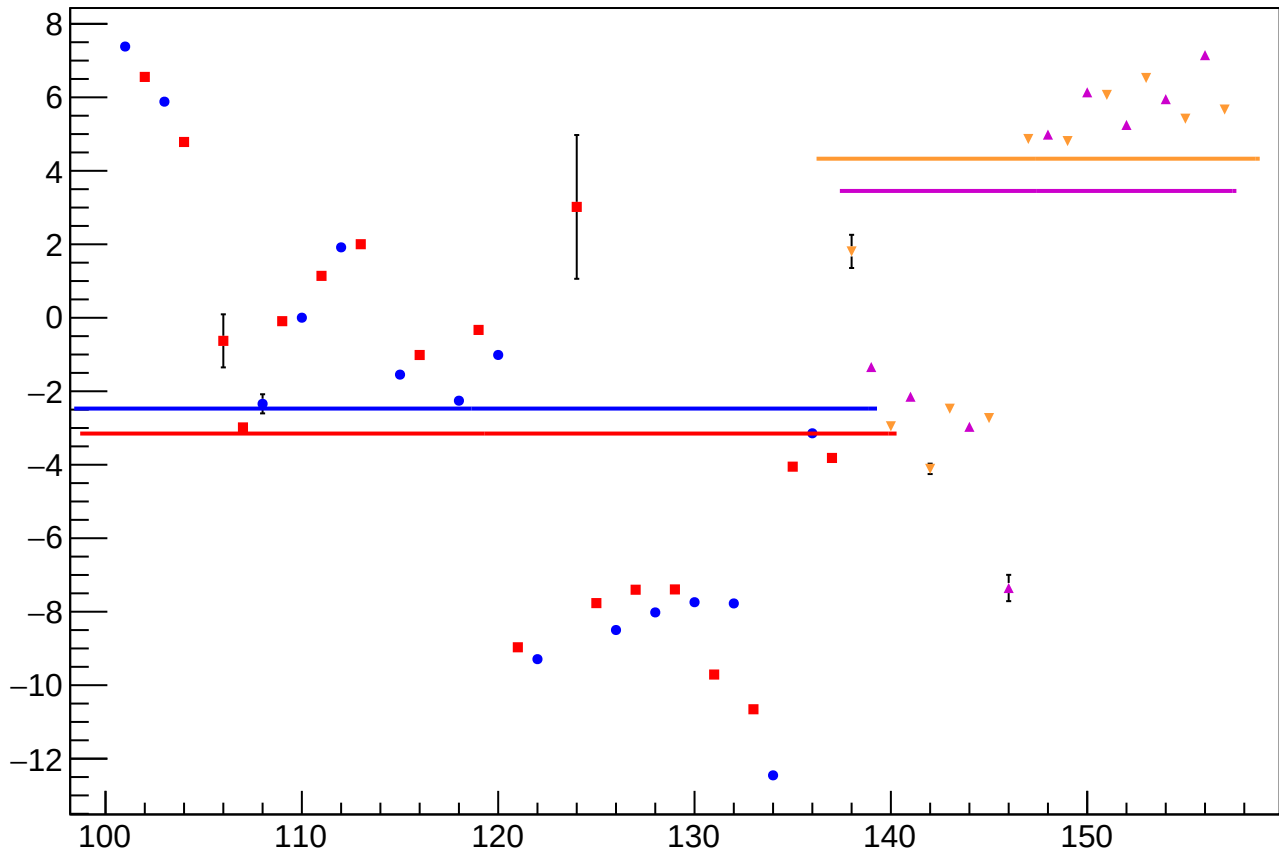
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.522 ± 0.012 $\chi^2/\text{NDF}: 9465.5/23$

Out: 4.700 ± 0.006 $\chi^2/\text{NDF}: 68846.1/28$

All: 4.464 ± 0.005 $\chi^2/\text{NDF}: 86053.8/52$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.330 ± 0.015 $\chi^2/\text{NDF}: 35566.0/10$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.452 ± 0.016 $\chi^2/\text{NDF}: 54750.2/8$

Left: 3.930 ± 0.011 $\chi^2/\text{NDF}: 91931.3/19$

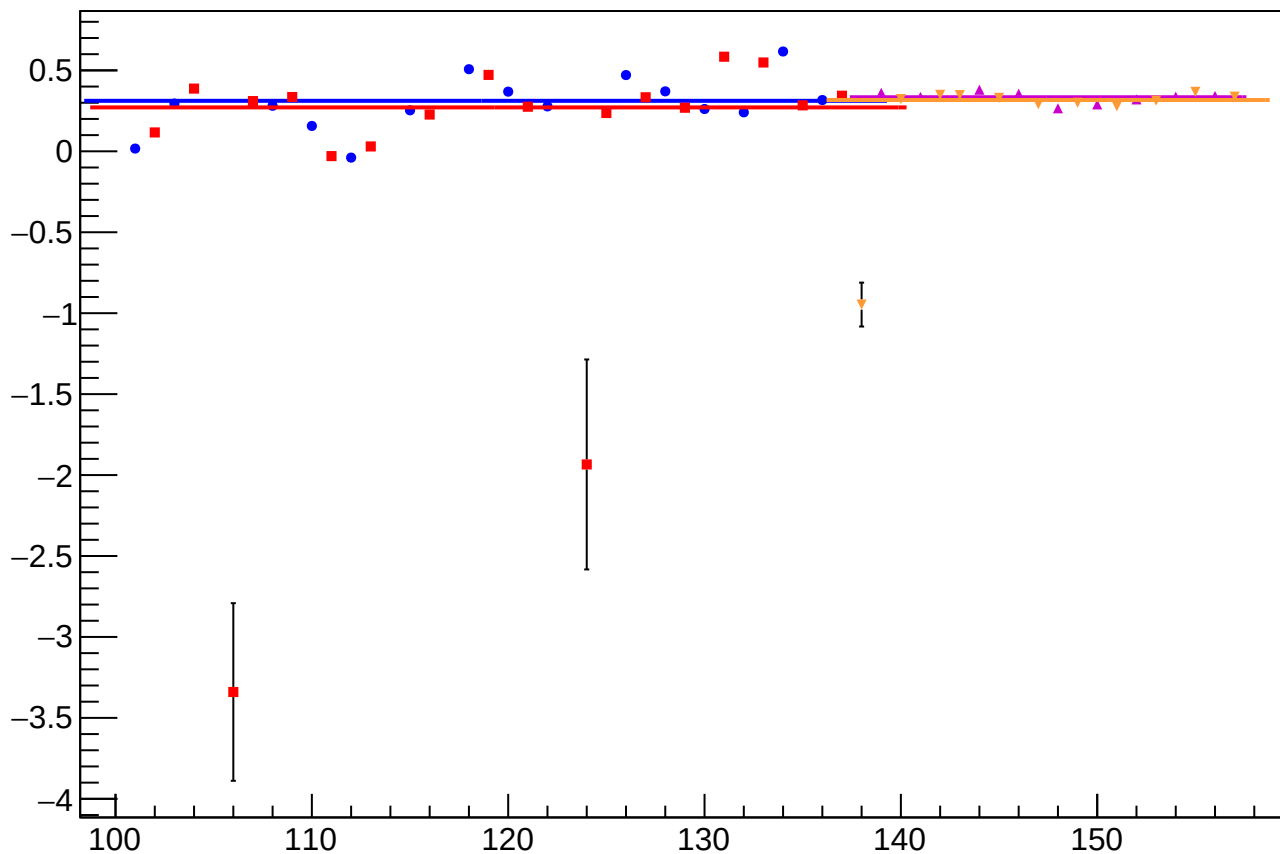
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.100 ± 0.011 $\chi^2/\text{NDF}: 373881.2/23$

Out: -1.635 ± 0.007 $\chi^2/\text{NDF}: 488211.4/28$

All: -1.147 ± 0.006 $\chi^2/\text{NDF}: 881321.6/52$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.317 ± 0.001 $\chi^2/\text{NDF}: 1131.1/10$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 1938.9/8$

Left: 0.325 ± 0.001 $\chi^2/\text{NDF}: 3286.2/19$

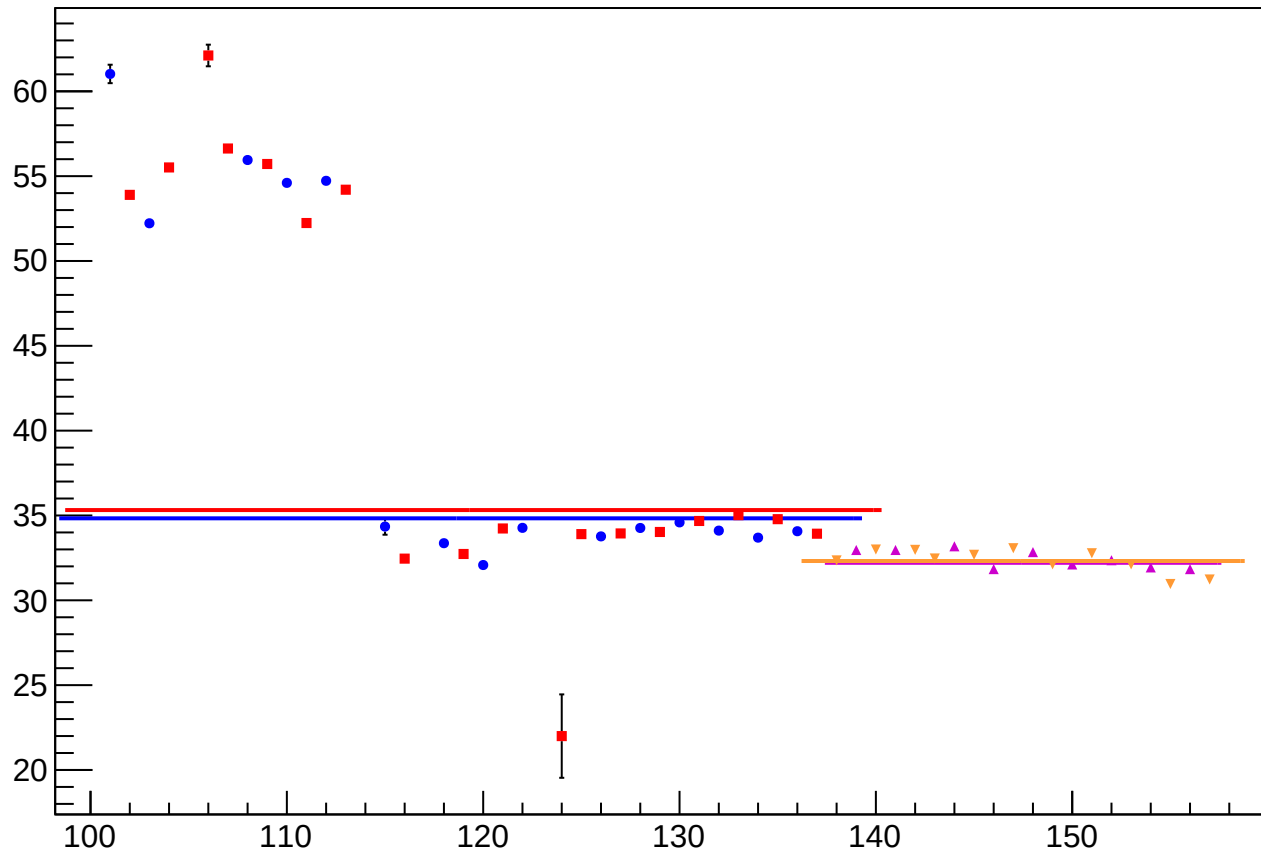
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.328 ± 0.001 $\chi^2/\text{NDF}: 3468.5/23$

Out: 0.311 ± 0.001 $\chi^2/\text{NDF}: 7682.9/28$

All: 0.320 ± 0.001 $\chi^2/\text{NDF}: 11411.5/52$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.316 $\pm$ 0.006 χ^2 /NDF:3209.3/10

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.210 $\pm$ 0.006 χ^2 /NDF:4560.5/8

Left: 32.259 $\pm$ 0.004 χ^2 /NDF: 7919.6/19

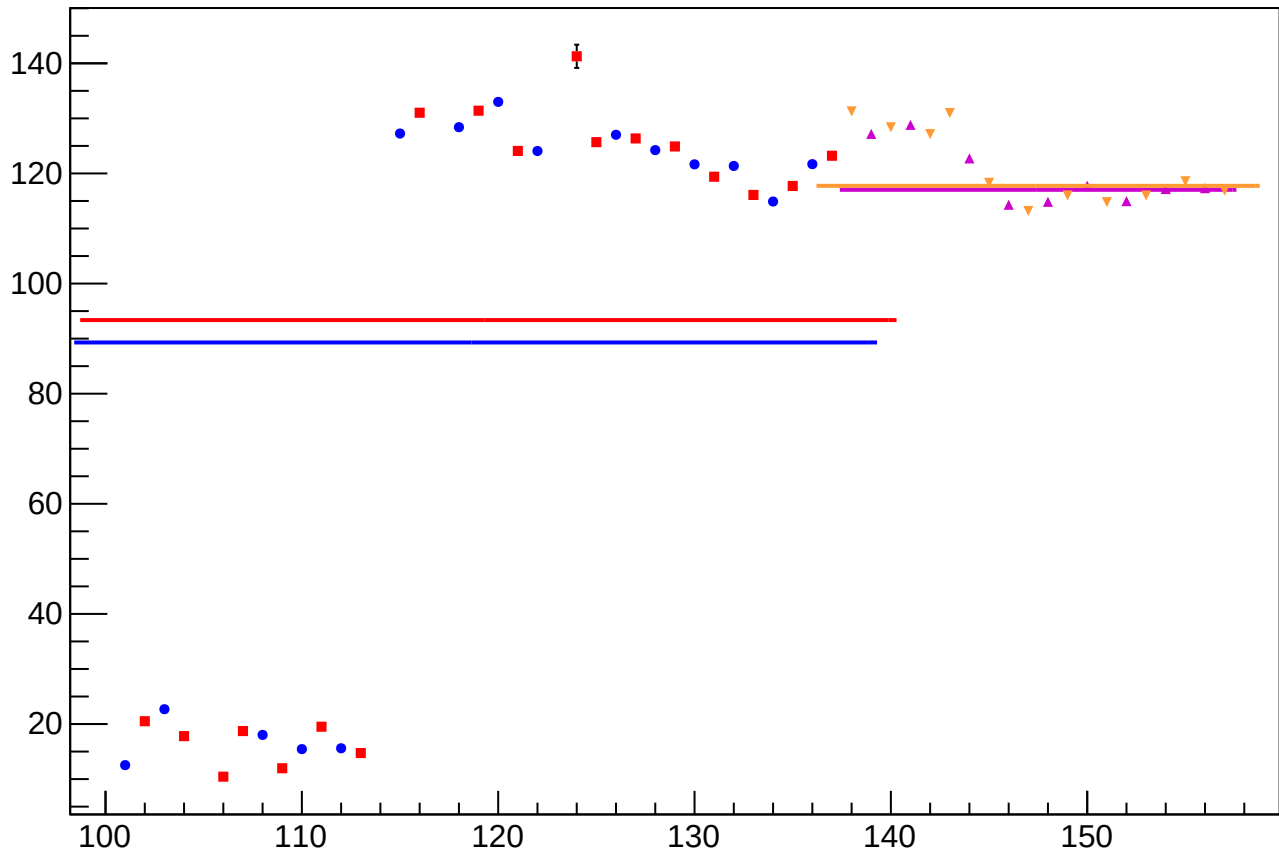
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 33.040 $\pm$ 0.005 χ^2 /NDF:313309.9/23

Out: 33.185 $\pm$ 0.005 χ^2 /NDF:329388.6/28

All: 33.106 $\pm$ 0.004 χ^2 /NDF: 643098.9/52

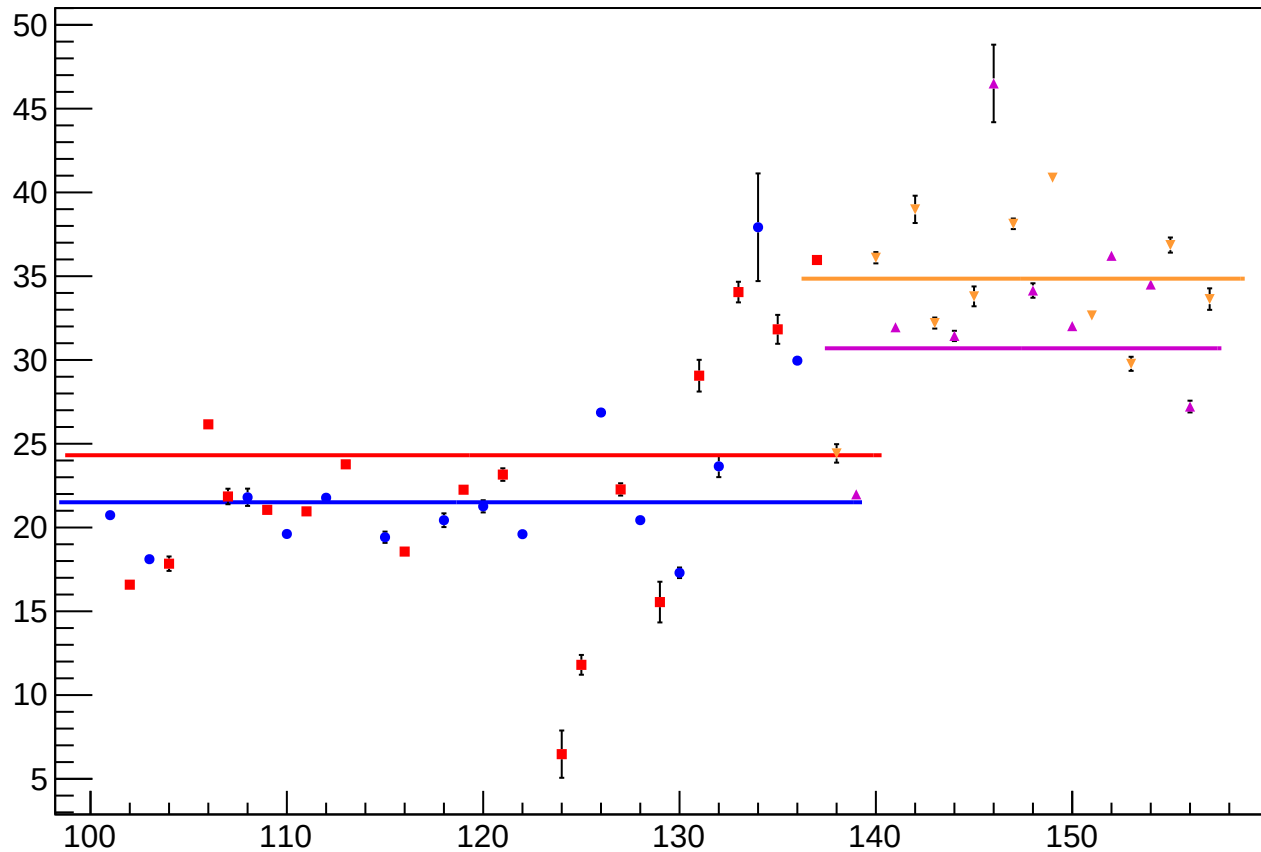
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$
 Left Out: 117.751 ± 0.014 $\chi^2/\text{NDF}: 110804.7/10$
 Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$
 Left In: 117.029 ± 0.011 $\chi^2/\text{NDF}: 38832.6/8$

Left: 117.290 ± 0.008 $\chi^2/\text{NDF}: 151326.7/19$
 Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$
 In: 113.441 ± 0.010 $\chi^2/\text{NDF}: 3962335.4/23$
 Out: 113.355 ± 0.013 $\chi^2/\text{NDF}: 3506943.9/28$
 All: 113.408 ± 0.008 $\chi^2/\text{NDF}: 7469307.8/52$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 34.853 ± 0.115 $\chi^2/\text{NDF}: 1229.9/10$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.697 ± 0.090 $\chi^2/\text{NDF}: 2731.8/8$

Left: 32.272 ± 0.071 $\chi^2/\text{NDF}: 4775.3/19$

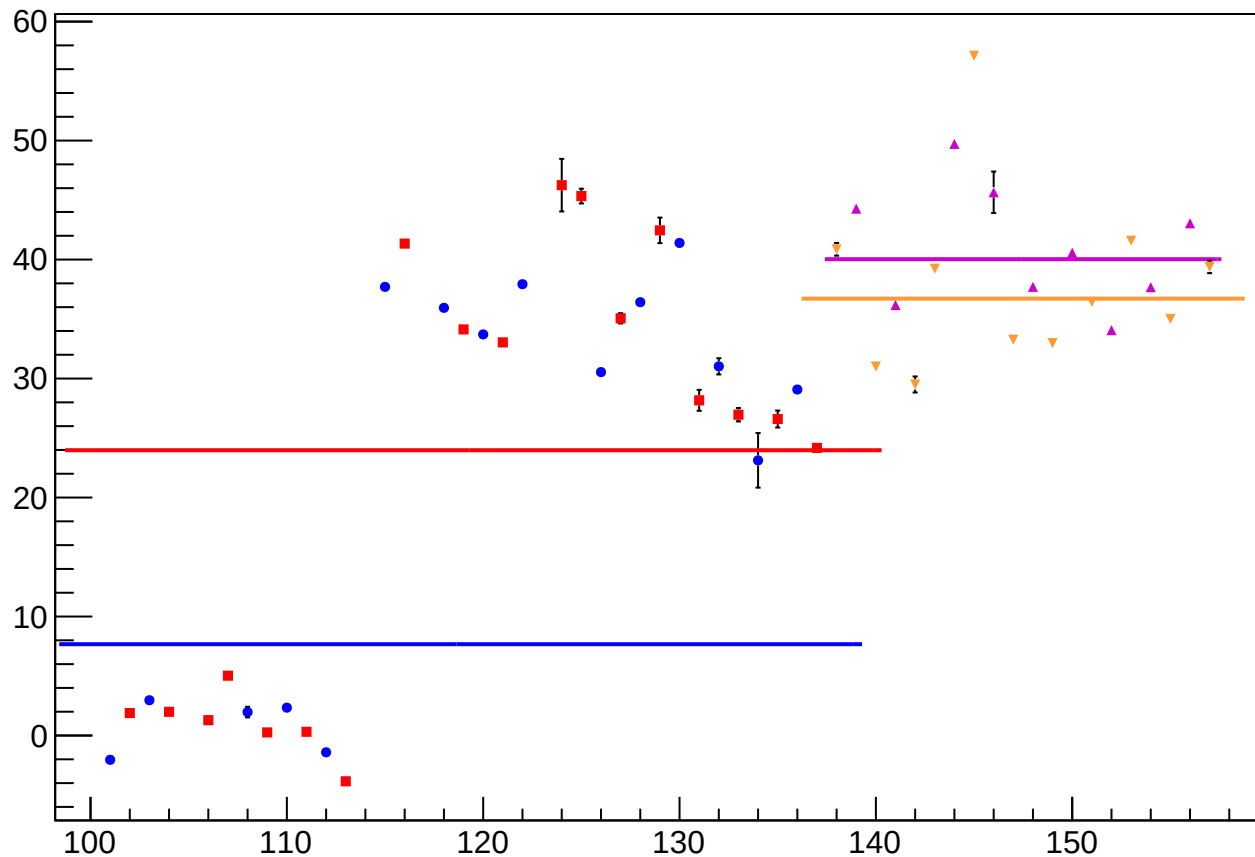
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.127 ± 0.056 $\chi^2/\text{NDF}: 12055.4/23$

Out: 26.484 ± 0.052 $\chi^2/\text{NDF}: 22215.6/28$

All: 25.858 ± 0.038 $\chi^2/\text{NDF}: 34583.9/52$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 36.718+/-0.094 χ^2/NDF : 3715.5/10

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 40.033+/-0.074 χ^2/NDF : 2589.5/8

Left: 38.756+/-0.058 χ^2/NDF : 7074.3/19

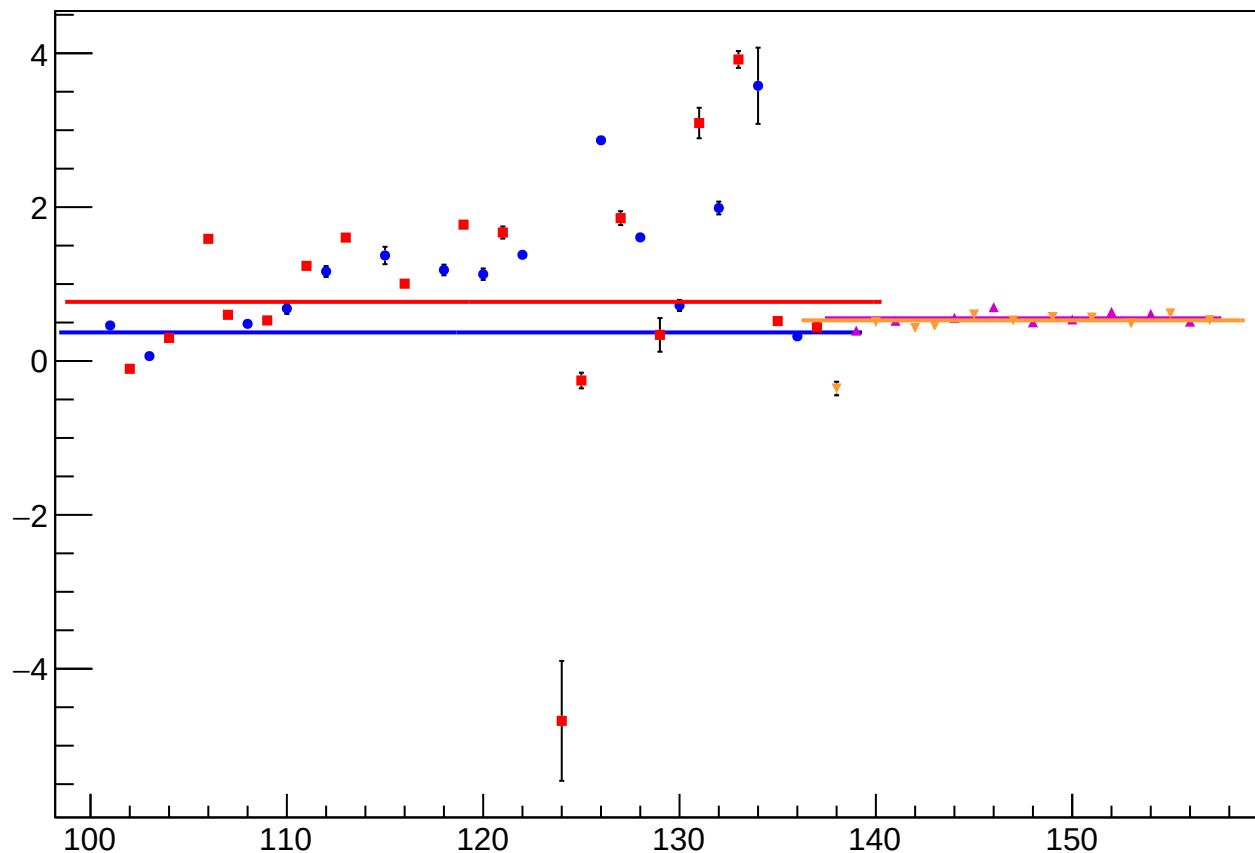
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 16.442+/-0.039 χ^2/NDF : 237672.0/23

Out: 24.074+/-0.008 χ^2/NDF : 132623.4/28

All: 23.748+/-0.008 χ^2/NDF : 407671.4/52

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.529 $\pm$ 0.002 χ^2 /NDF:999.7/10

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.555 $\pm$ 0.002 χ^2 /NDF:2035.0/8

Left: 0.543 $\pm$ 0.001 χ^2 /NDF: 3157.6/19

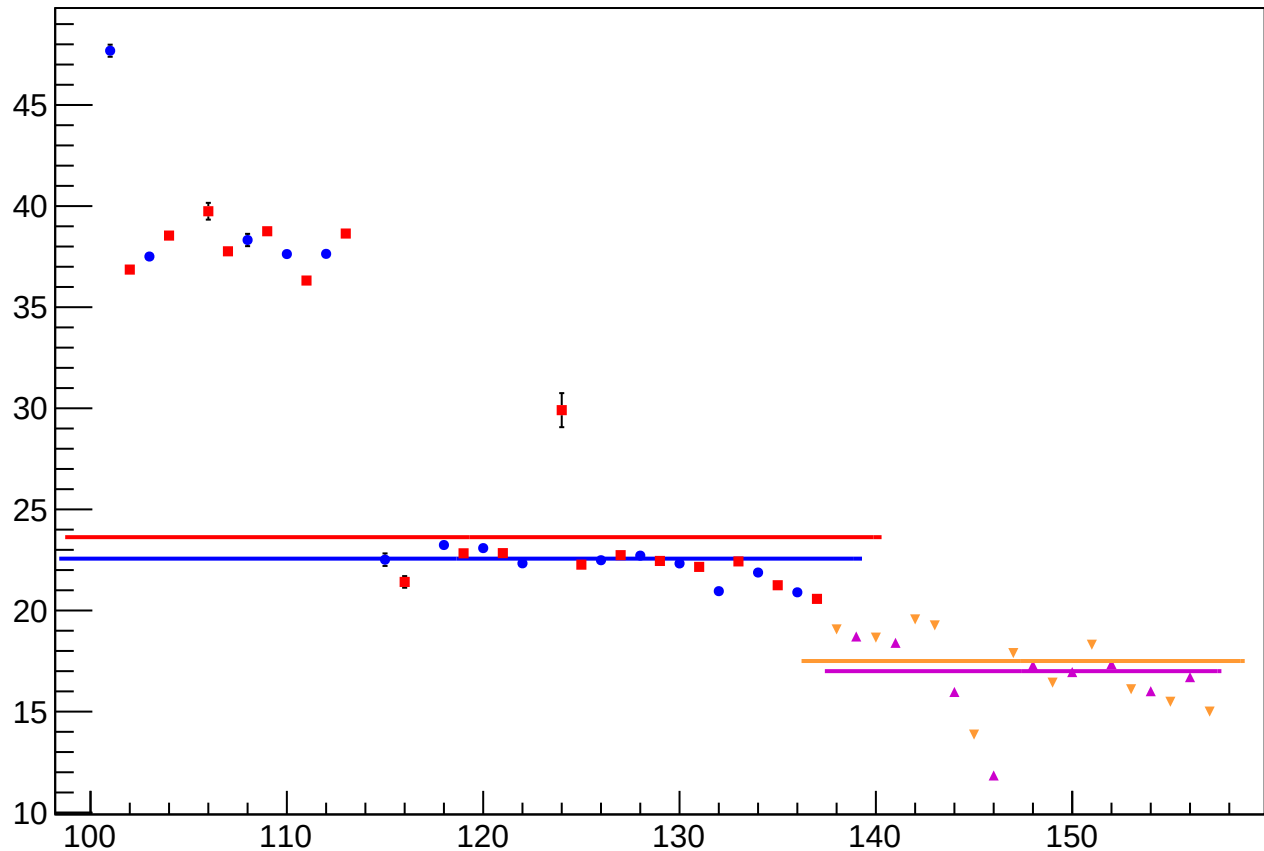
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.533 $\pm$ 0.002 χ^2 /NDF:8337.1/23

Out: 0.543 $\pm$ 0.002 χ^2 /NDF:6266.8/28

All: 0.537 $\pm$ 0.001 χ^2 /NDF: 14622.9/52

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.502 $\pm$ 0.009 $\chi^2/\text{NDF}: 42186.3/10$

Right Out: 23.627 $\pm$ 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 17.001 $\pm$ 0.010 $\chi^2/\text{NDF}: 12375.8/8$

Left: 17.269 $\pm$ 0.007 $\chi^2/\text{NDF}: 55899.4/19$

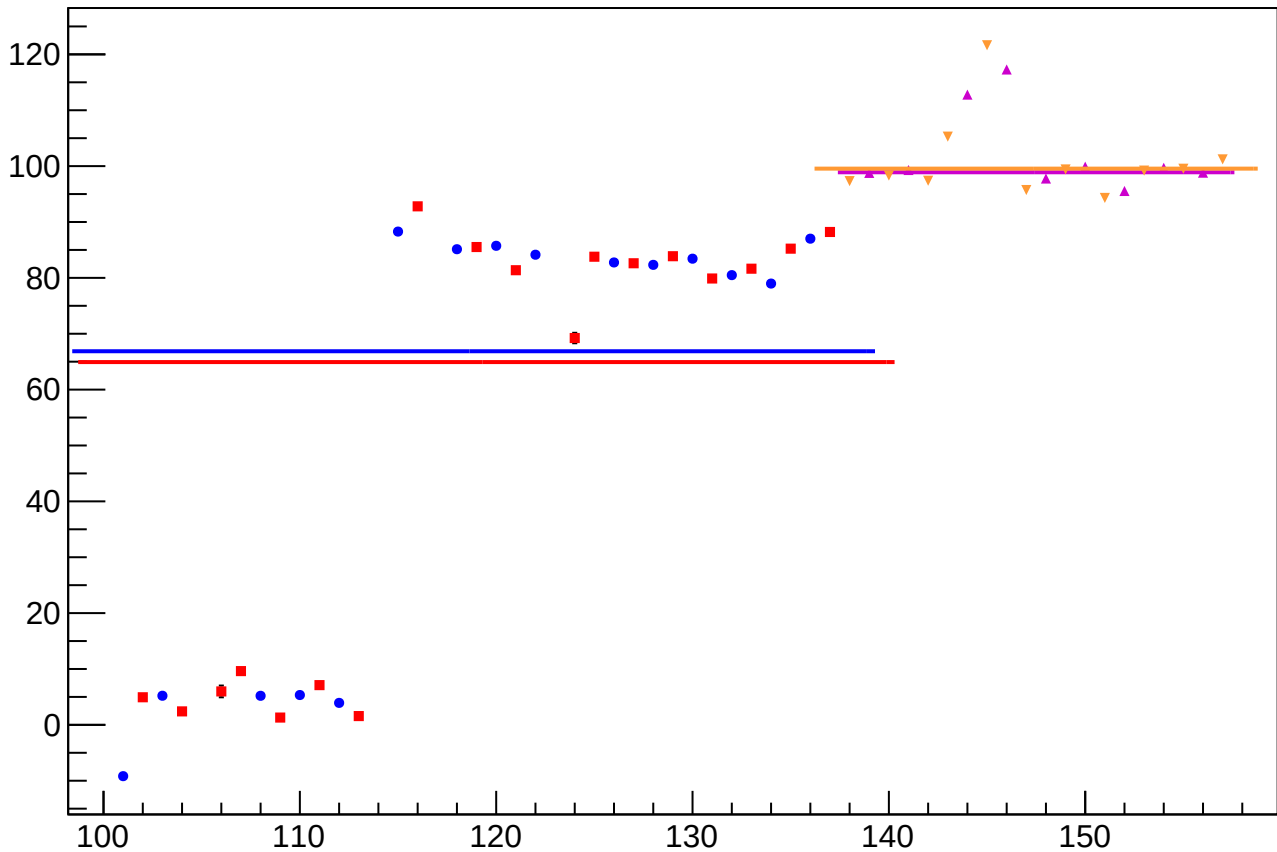
Right: 23.044 $\pm$ 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 19.742 $\pm$ 0.007 $\chi^2/\text{NDF}: 257000.4/23$

Out: 20.007 $\pm$ 0.007 $\chi^2/\text{NDF}: 341436.7/28$

All: 19.874 $\pm$ 0.005 $\chi^2/\text{NDF}: 599125.8/52$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.551 $\pm$ 0.016 χ^2 /NDF: 68550.0/10

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.898 $\pm$ 0.015 χ^2 /NDF: 14728.9/8

Left: 99.207 $\pm$ 0.011 χ^2 /NDF: 84181.9/19

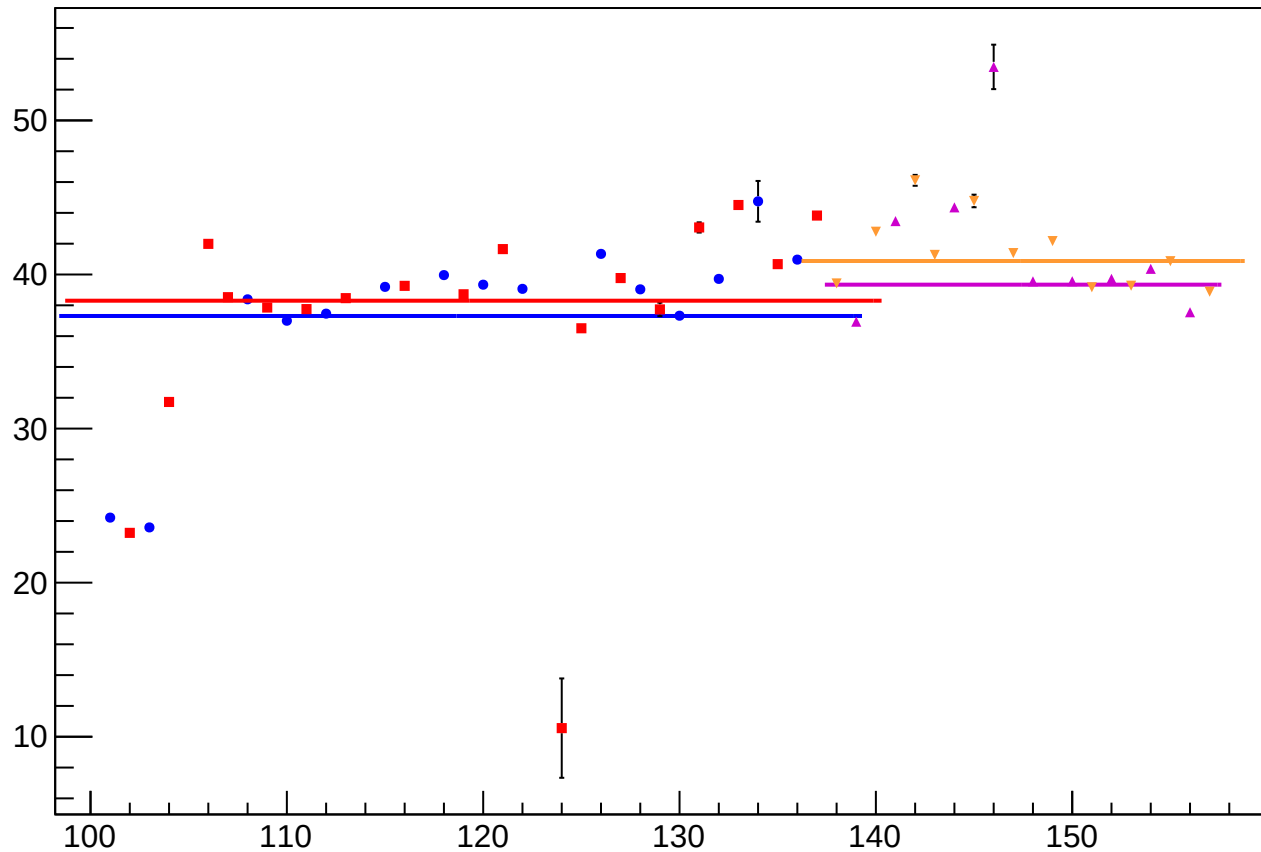
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 91.417 $\pm$ 0.013 χ^2 /NDF: 2582910.4/23

Out: 91.932 $\pm$ 0.014 χ^2 /NDF: 2461032.7/28

All: 91.658 $\pm$ 0.010 χ^2 /NDF: 5044667.7/52

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 40.876 ± 0.046 $\chi^2/\text{NDF}: 1089.8/10$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.341 ± 0.033 $\chi^2/\text{NDF}: 3486.4/8$

Left: 39.868 ± 0.027 $\chi^2/\text{NDF}: 5307.2/19$

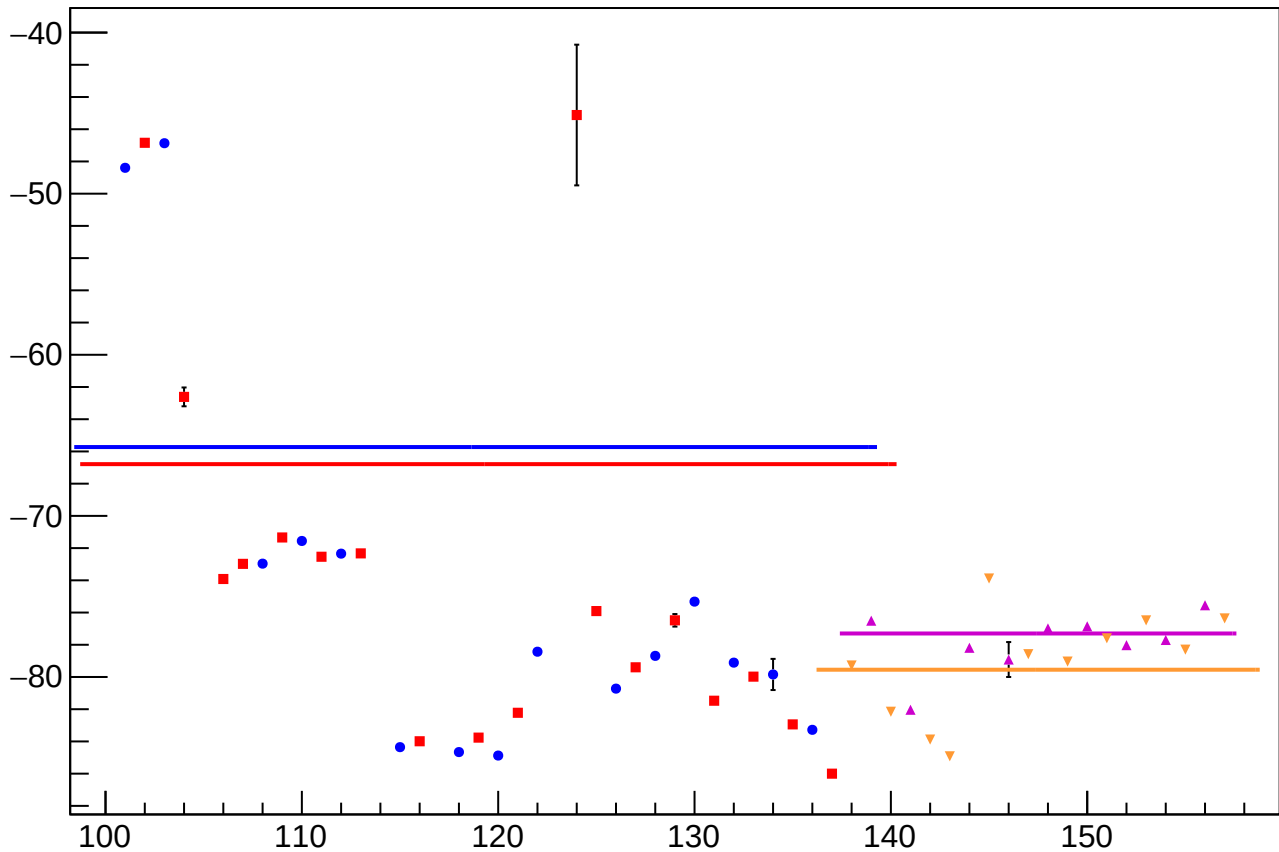
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.968 ± 0.019 $\chi^2/\text{NDF}: 65584.9/23$

Out: 38.727 ± 0.019 $\chi^2/\text{NDF}: 22543.7/28$

All: 38.352 ± 0.013 $\chi^2/\text{NDF}: 88938.7/52$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -79.549 ± 0.039 $\chi^2/\text{NDF}: 5824.0/10$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.299 ± 0.026 $\chi^2/\text{NDF}: 2686.2/8$

Left: -78.015 ± 0.022 $\chi^2/\text{NDF}: 10817.1/19$

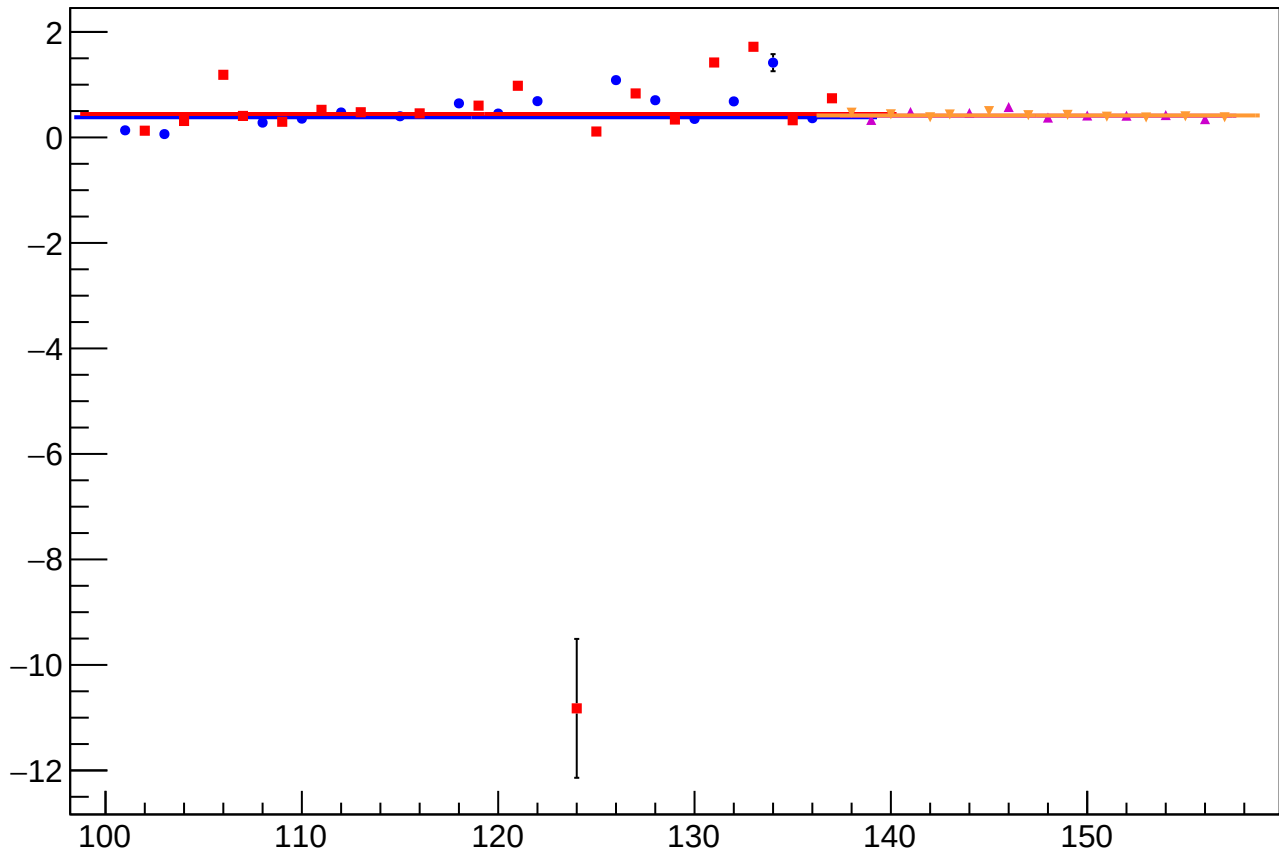
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.076 ± 0.014 $\chi^2/\text{NDF}: 1042207.4/23$

Out: -68.615 ± 0.015 $\chi^2/\text{NDF}: 908460.2/28$

All: -68.852 ± 0.010 $\chi^2/\text{NDF}: 1951179.2/52$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.417 $\pm$ 0.001 χ^2 /NDF: 633.5/10

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.411 $\pm$ 0.001 χ^2 /NDF: 2620.5/8

Left: 0.414 $\pm$ 0.001 χ^2 /NDF: 3278.5/19

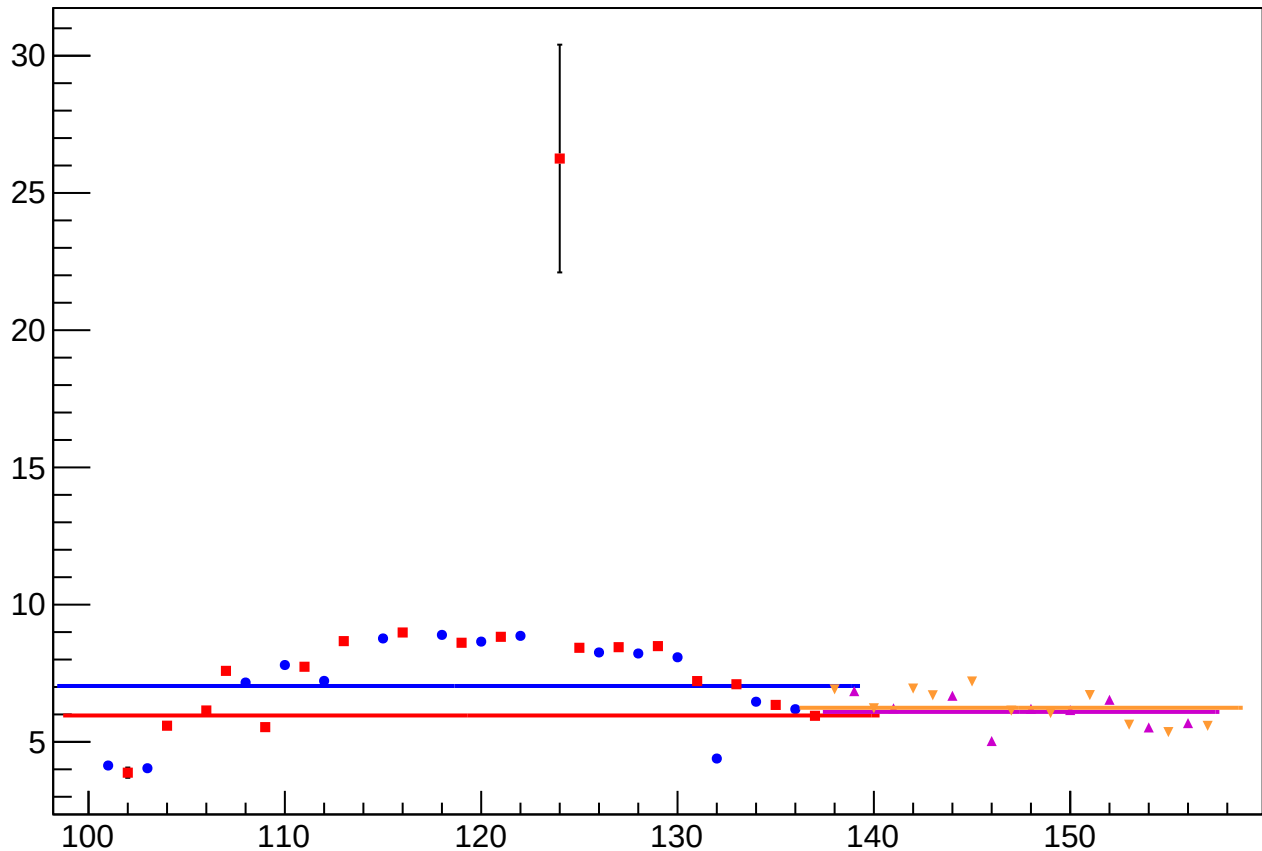
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.408 $\pm$ 0.001 χ^2 /NDF: 11002.5/23

Out: 0.418 $\pm$ 0.001 χ^2 /NDF: 3472.7/28

All: 0.412 $\pm$ 0.001 χ^2 /NDF: 14569.1/52

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.243 ± 0.003 χ^2/NDF : 24616.3/10

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.092 ± 0.002 χ^2/NDF : 27246.0/8

Left: 6.151 ± 0.002 χ^2/NDF : 53686.5/19

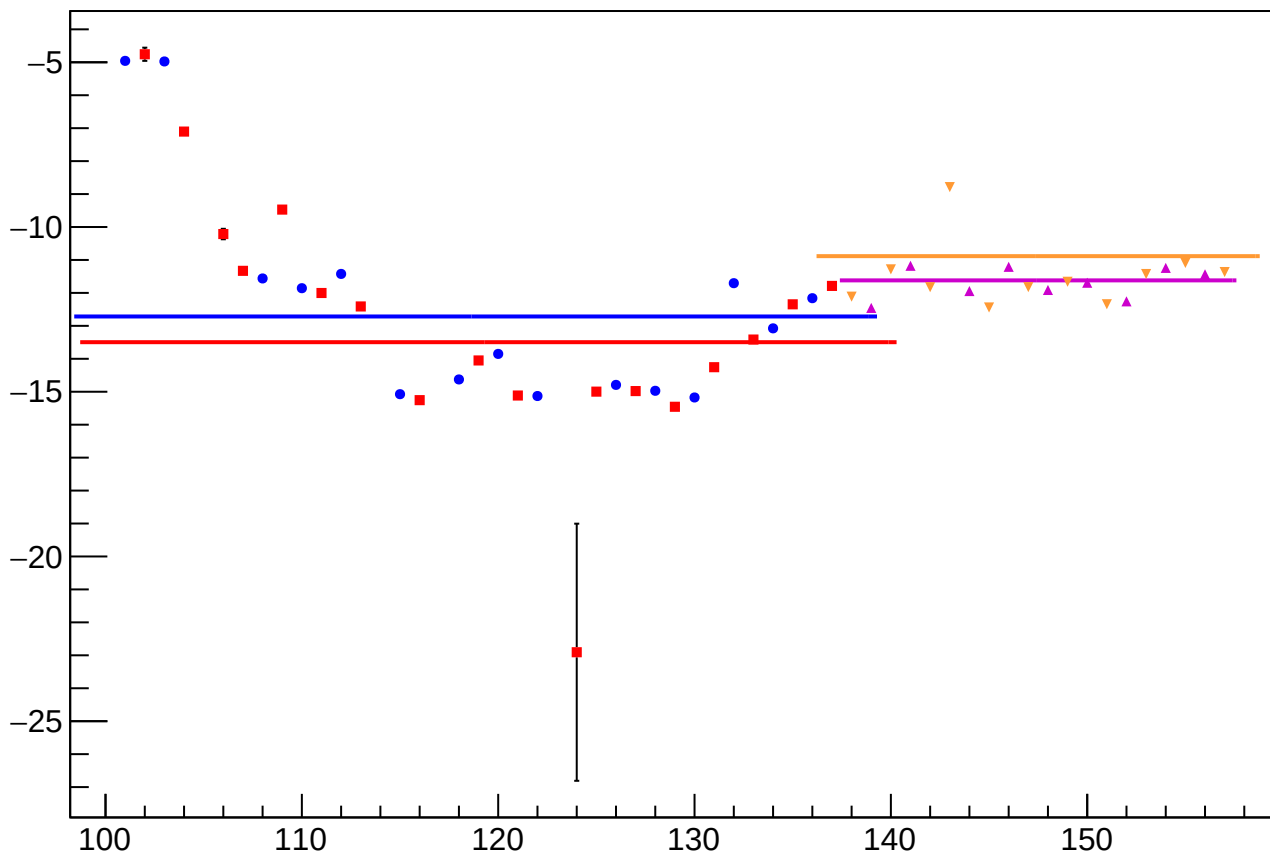
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.274 ± 0.002 χ^2/NDF : 132347.1/23

Out: 5.968 ± 0.000 χ^2/NDF : 203196.6/28

All: 5.980 ± 0.000 χ^2/NDF : 358371.5/52

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.885 $\pm$ 0.003 χ^2 /NDF:163837.3/10

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.620 $\pm$ 0.003 χ^2 /NDF:9581.2/8

Left: -11.270 $\pm$ 0.002 χ^2 /NDF: 199635.8/19

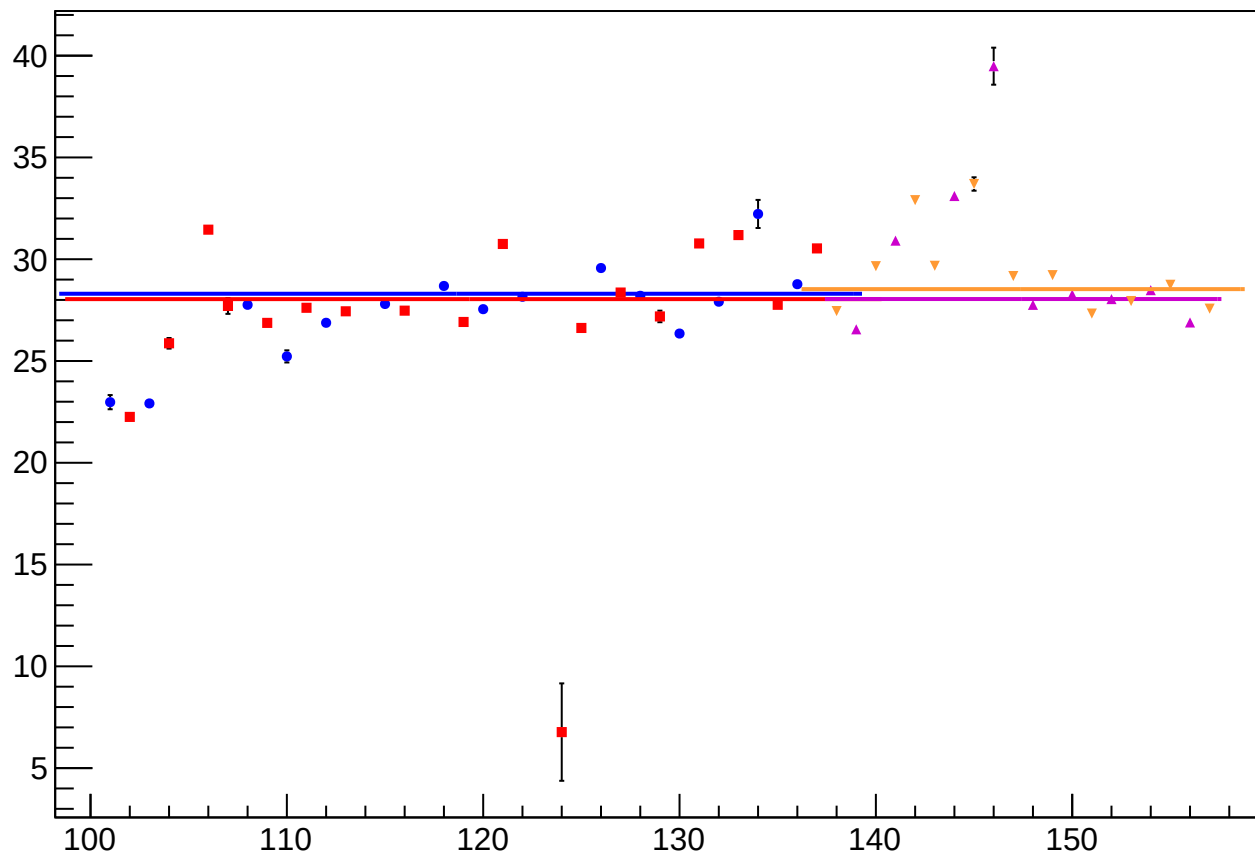
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.833 $\pm$ 0.003 χ^2 /NDF:118571.1/23

Out: -11.518 $\pm$ 0.003 χ^2 /NDF:372562.5/28

All: -11.678 $\pm$ 0.002 χ^2 /NDF: 497303.0/52

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.531 ± 0.027 $\chi^2/\text{NDF}: 1977.1/10$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.044 ± 0.021 $\chi^2/\text{NDF}: 3278.1/8$

Left: 28.232 ± 0.017 $\chi^2/\text{NDF}: 5458.0/19$

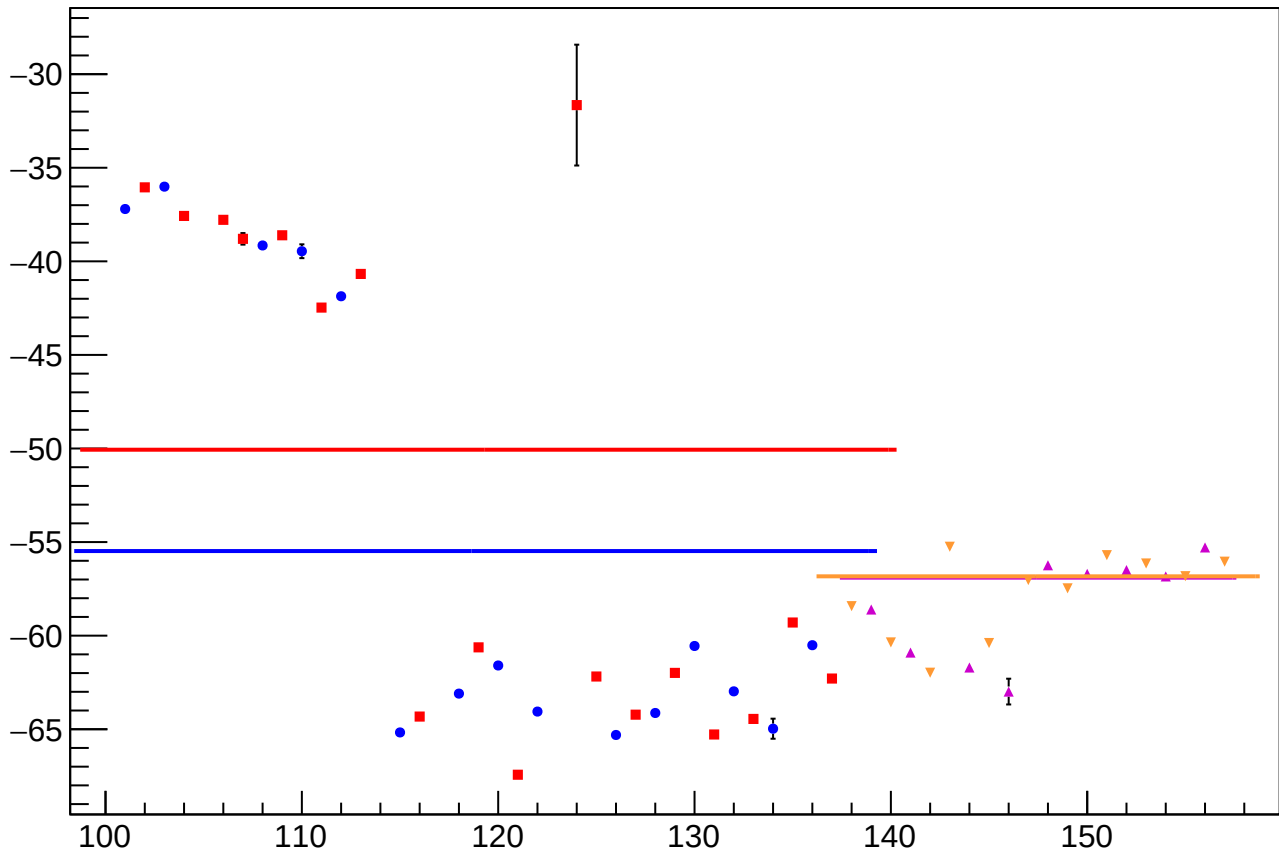
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.163 ± 0.016 $\chi^2/\text{NDF}: 6746.8/23$

Out: 28.315 ± 0.020 $\chi^2/\text{NDF}: 4686.0/28$

All: 28.221 ± 0.012 $\chi^2/\text{NDF}: 11468.6/52$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.830 ± 0.023 $\chi^2/\text{NDF}: 4337.8/10$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.901 ± 0.018 $\chi^2/\text{NDF}: 5733.0/8$

Left: -56.875 ± 0.014 $\chi^2/\text{NDF}: 10076.6/19$

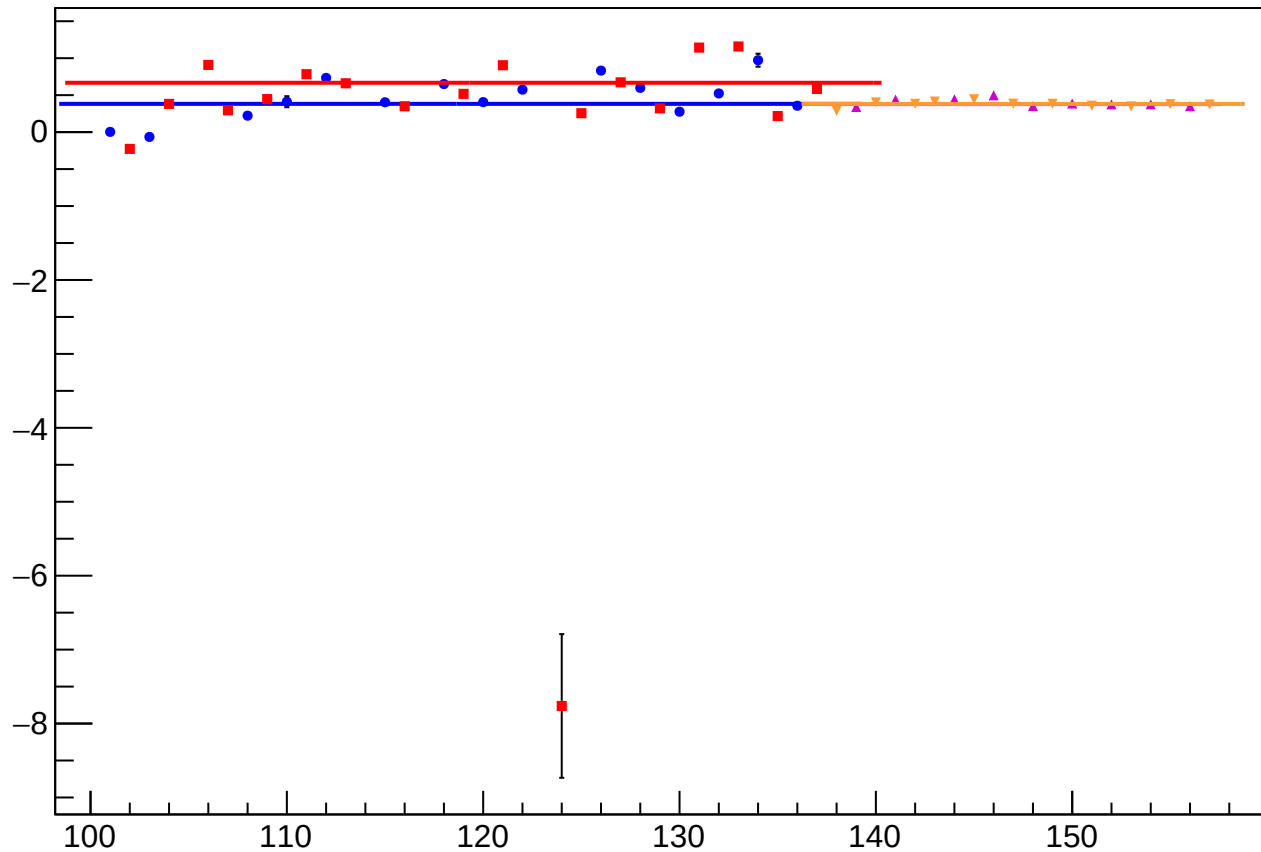
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.140 ± 0.012 $\chi^2/\text{NDF}: 604294.9/23$

Out: -53.399 ± 0.016 $\chi^2/\text{NDF}: 386611.5/28$

All: -55.178 ± 0.010 $\chi^2/\text{NDF}: 1008880.9/52$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.382 $\pm$ 0.001 χ^2 /NDF:1167.3/10

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.379 $\pm$ 0.000 χ^2 /NDF:2070.3/8

Left: 0.380 $\pm$ 0.000 χ^2 /NDF: 3245.6/19

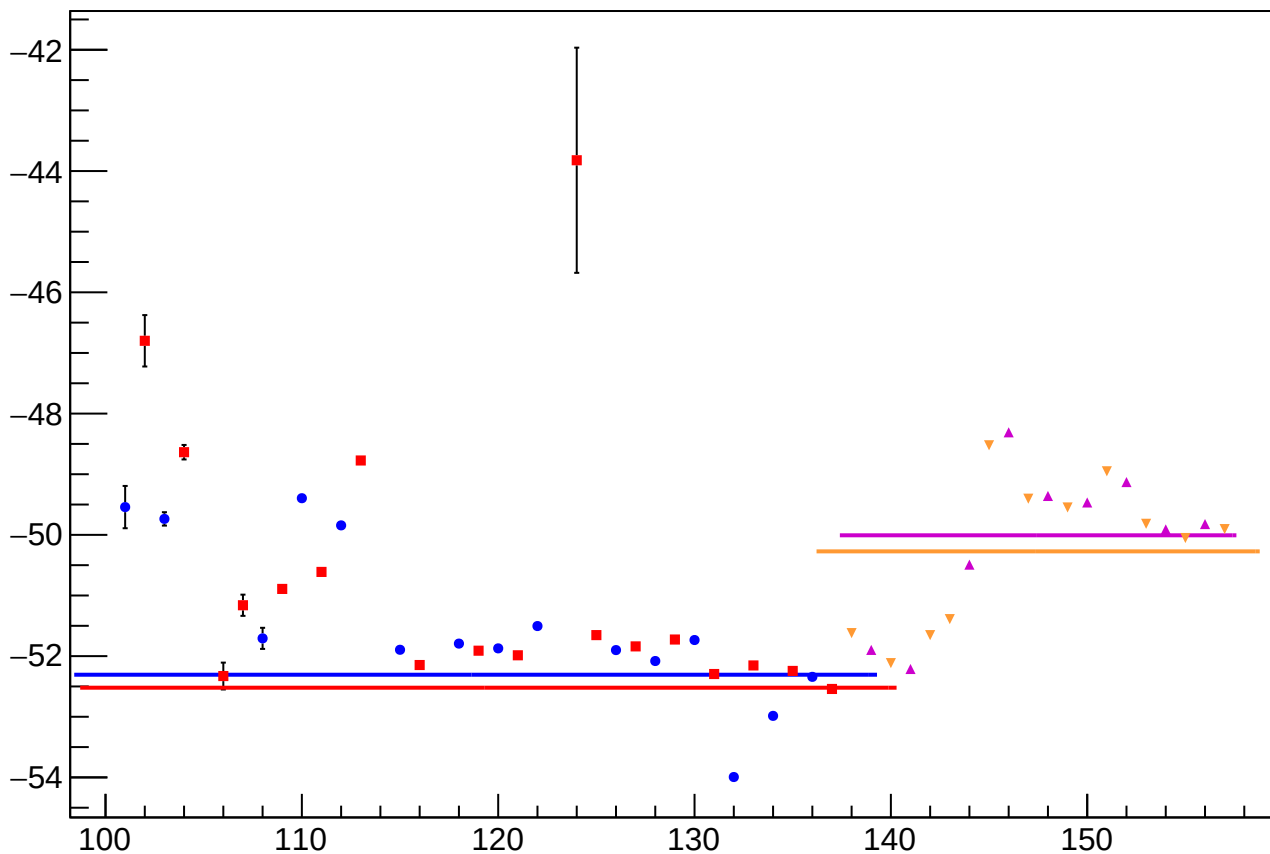
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.380 $\pm$ 0.000 χ^2 /NDF:6669.1/23

Out: 0.386 $\pm$ 0.001 χ^2 /NDF:8666.6/28

All: 0.382 $\pm$ 0.000 χ^2 /NDF: 15412.3/52

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -50.272 ± 0.003 $\chi^2/\text{NDF}: 123792.9/10$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -50.007 ± 0.002 $\chi^2/\text{NDF}: 214858.5/8$

Left: -50.105 ± 0.002 $\chi^2/\text{NDF}: 344607.3/19$

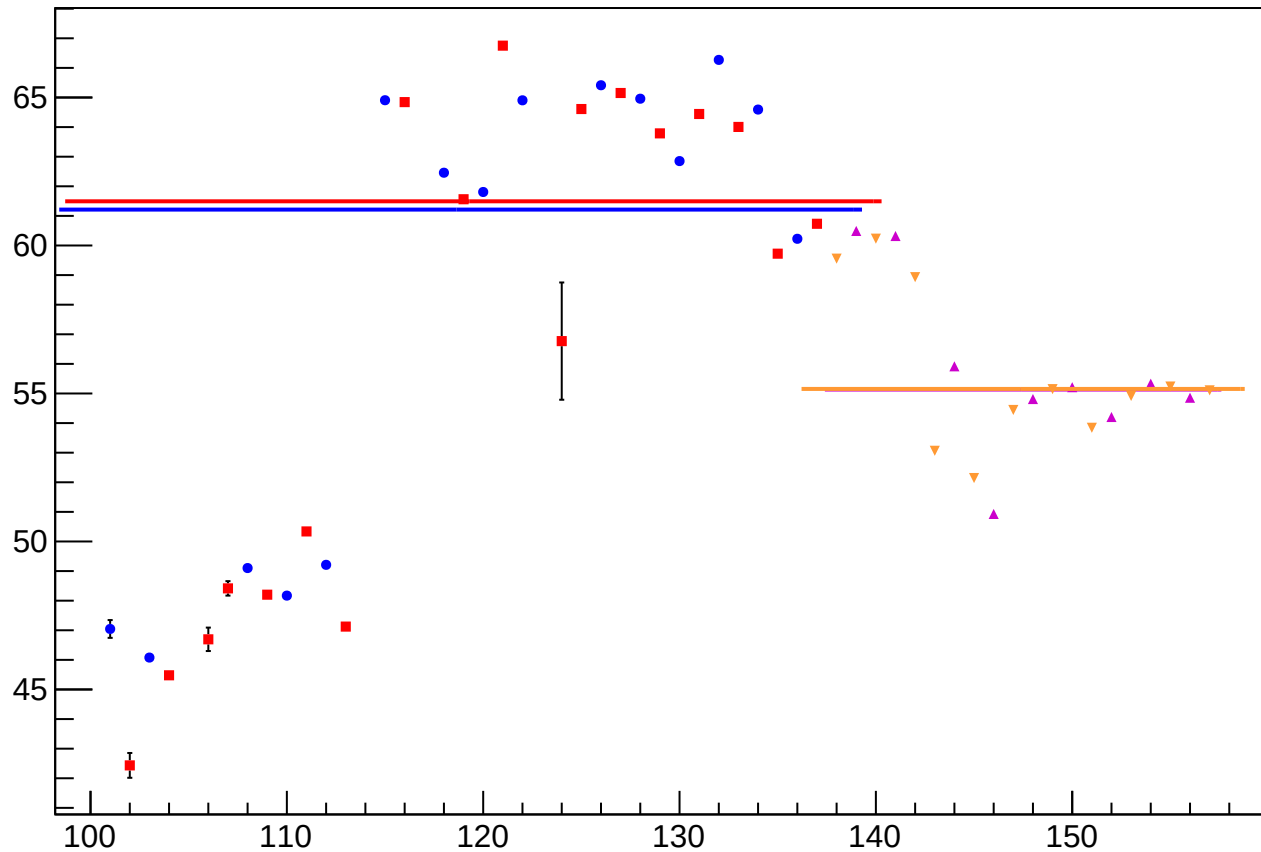
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -50.523 ± 0.002 $\chi^2/\text{NDF}: 512626.0/23$

Out: -52.205 ± 0.001 $\chi^2/\text{NDF}: 722259.6/28$

All: -51.807 ± 0.001 $\chi^2/\text{NDF}: 1874246.2/52$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.154 ± 0.005 $\chi^2/\text{NDF}: 194307.9/10$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.133 ± 0.004 $\chi^2/\text{NDF}: 59183.0/8$

Left: 55.140 ± 0.003 $\chi^2/\text{NDF}: 253504.1/19$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.829 ± 0.003 $\chi^2/\text{NDF}: 547986.3/23$

Out: 57.218 ± 0.004 $\chi^2/\text{NDF}: 1038373.7/28$

All: 56.432 ± 0.003 $\chi^2/\text{NDF}: 1660676.5/52$

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

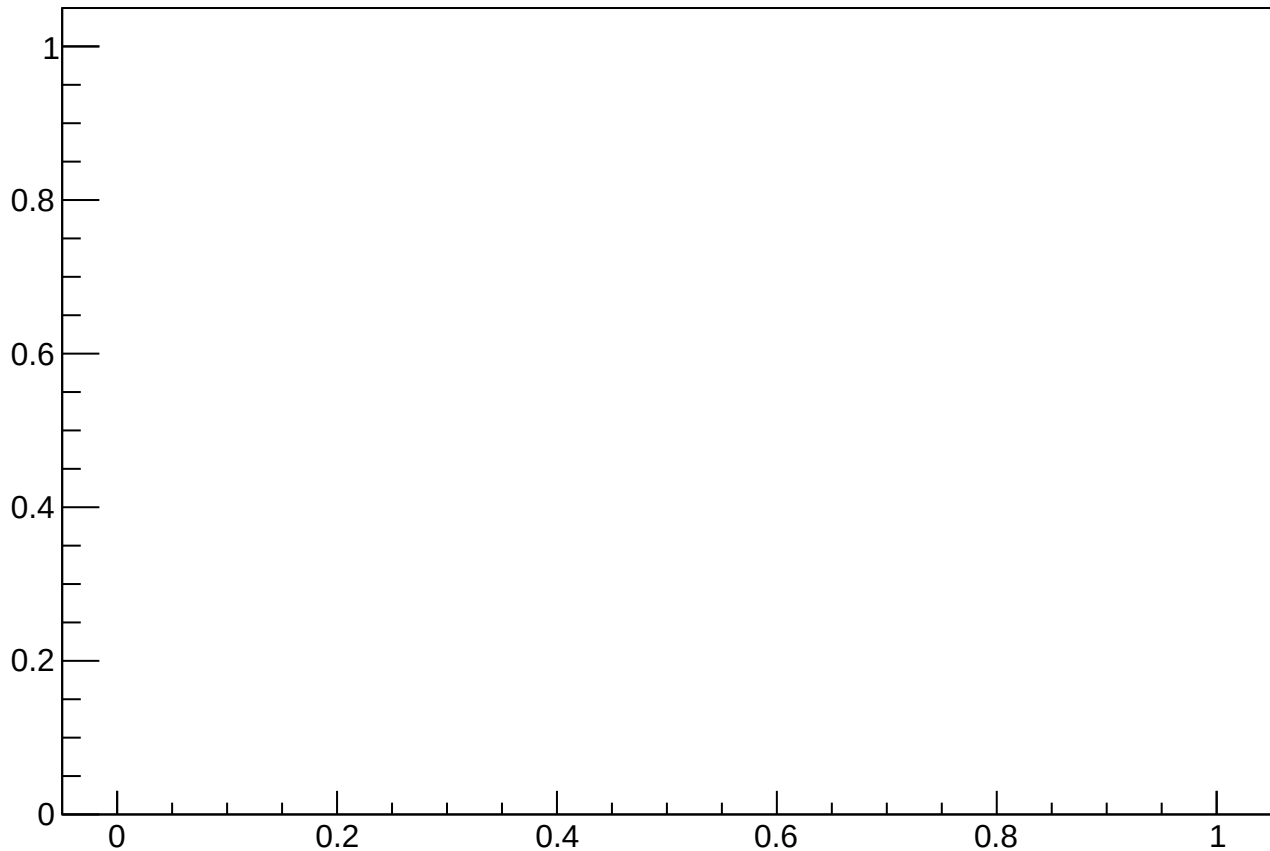
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

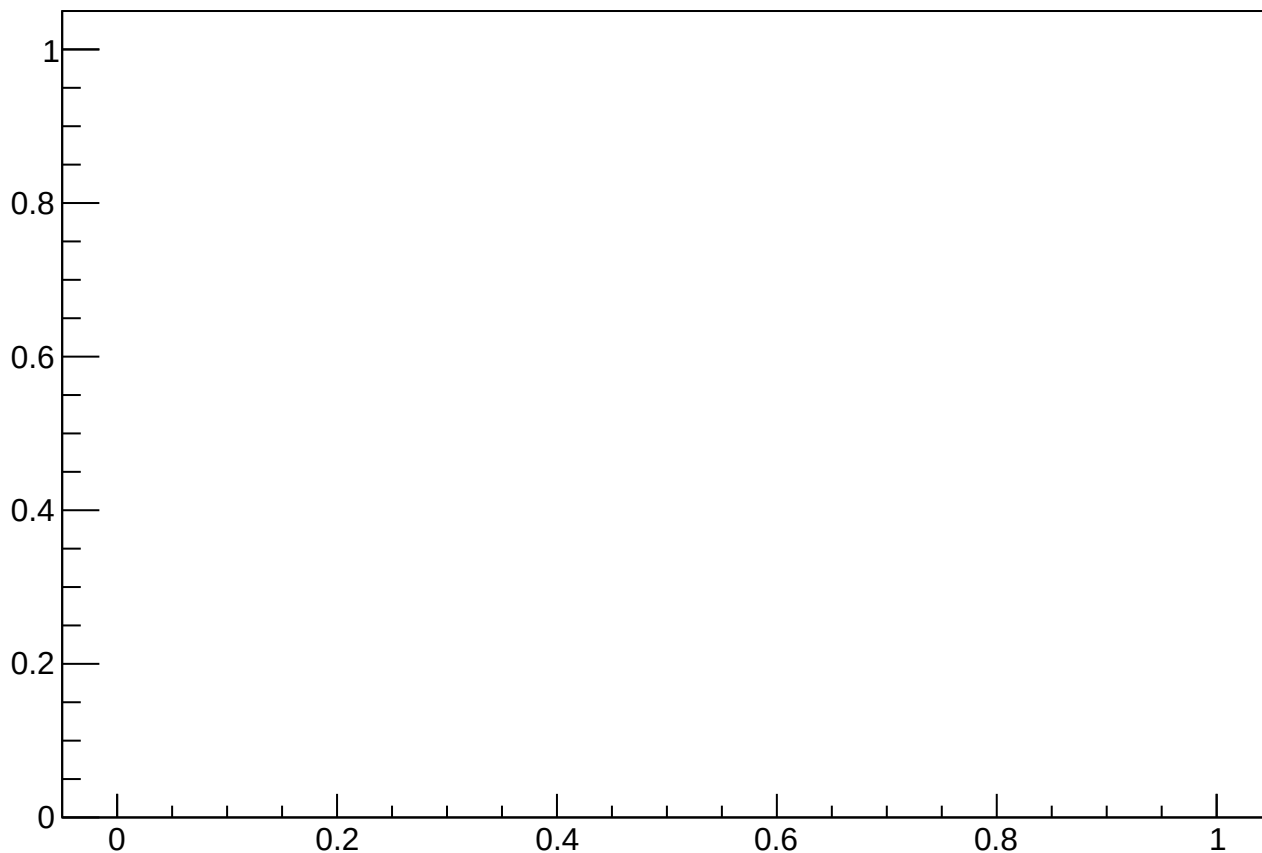
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

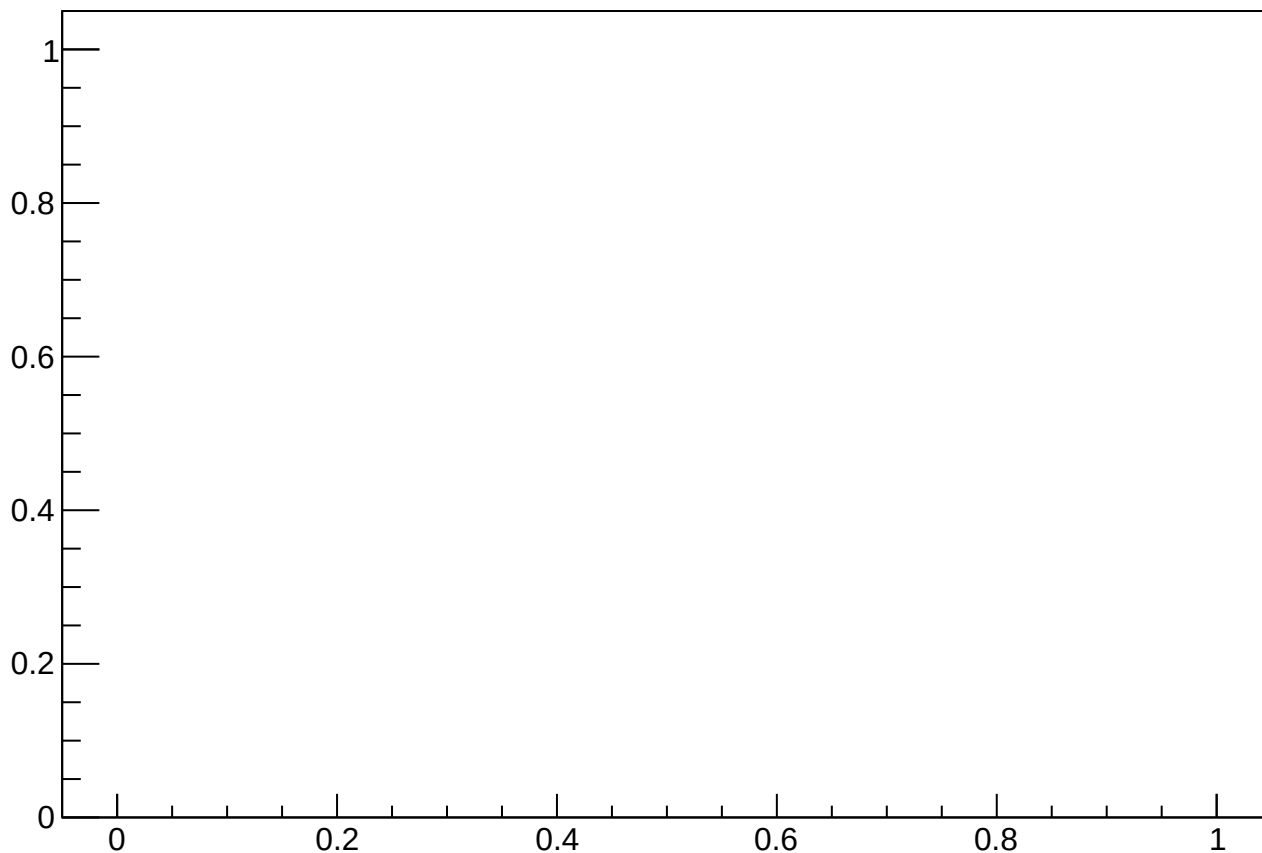
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

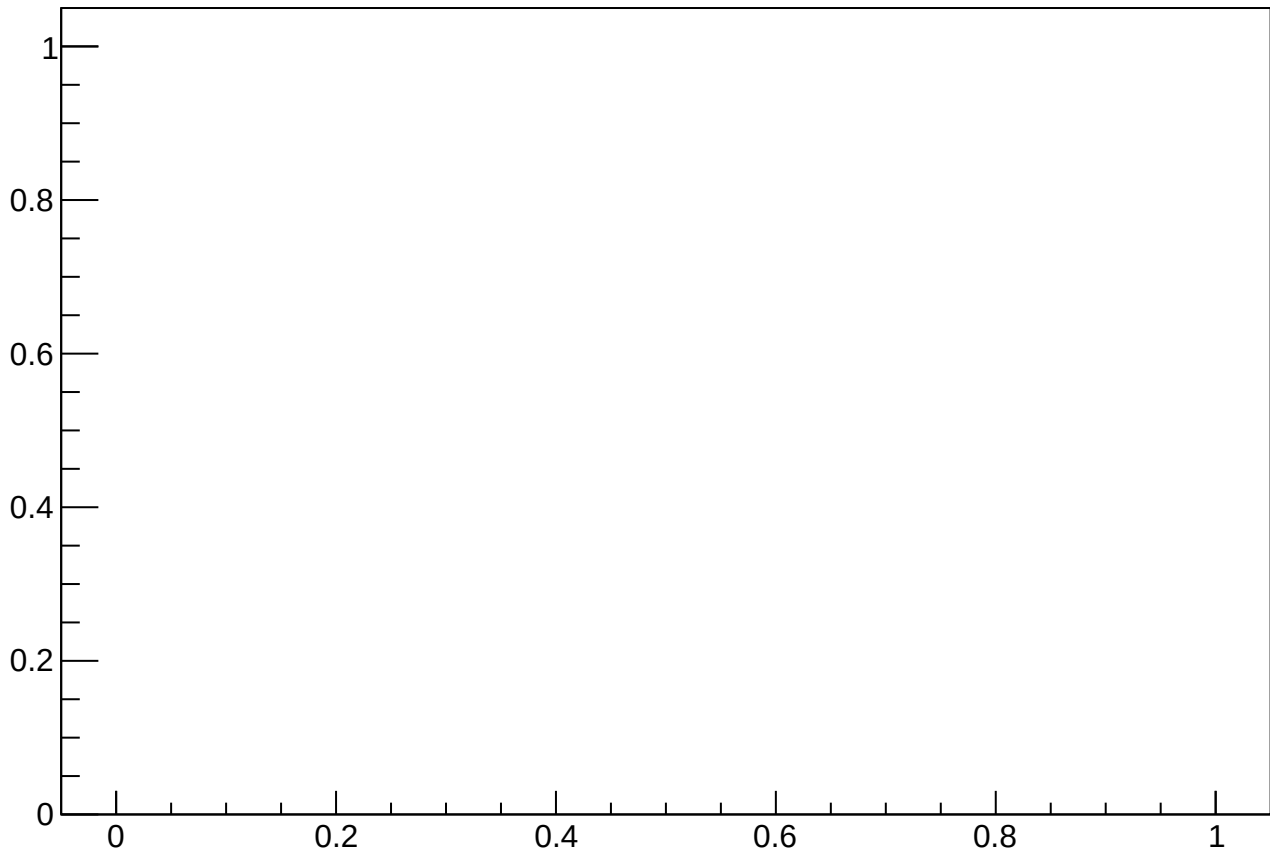
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

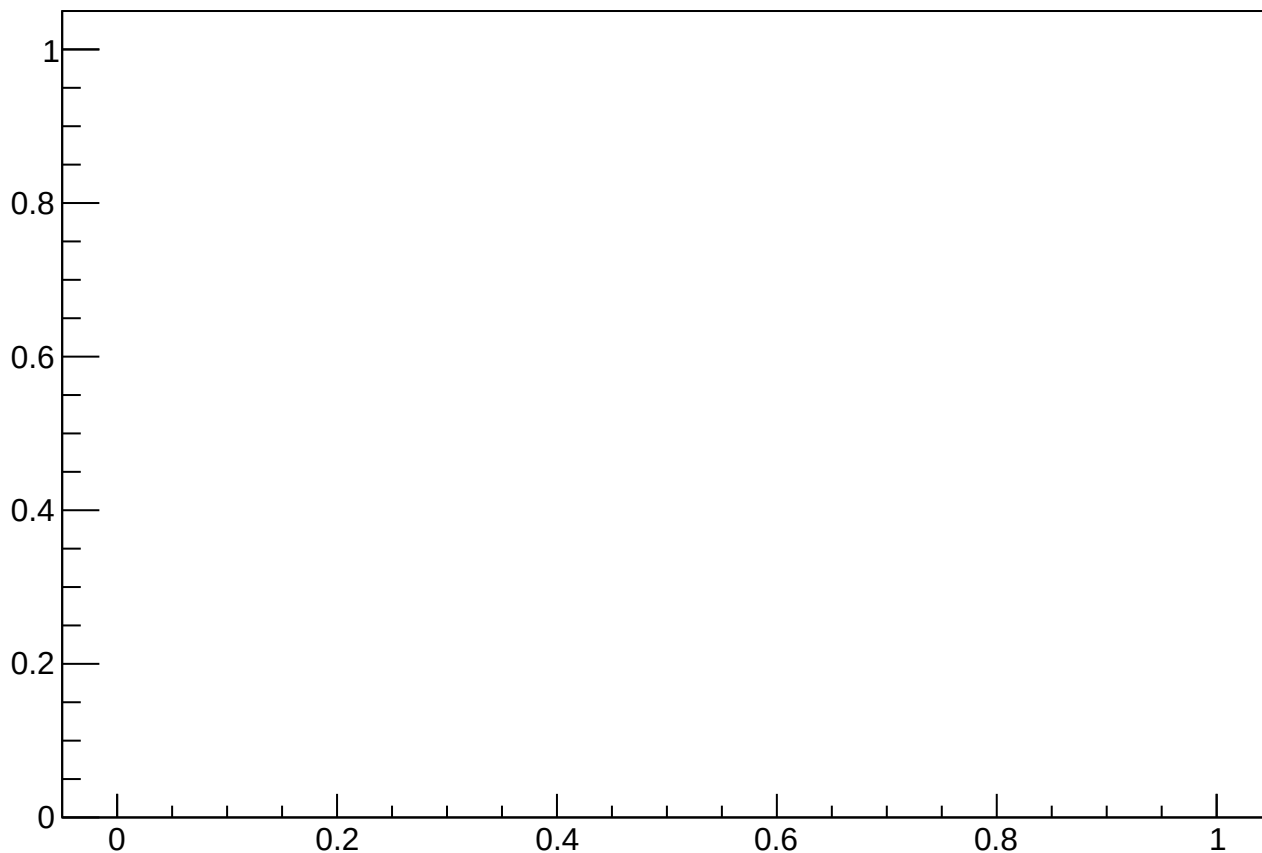
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

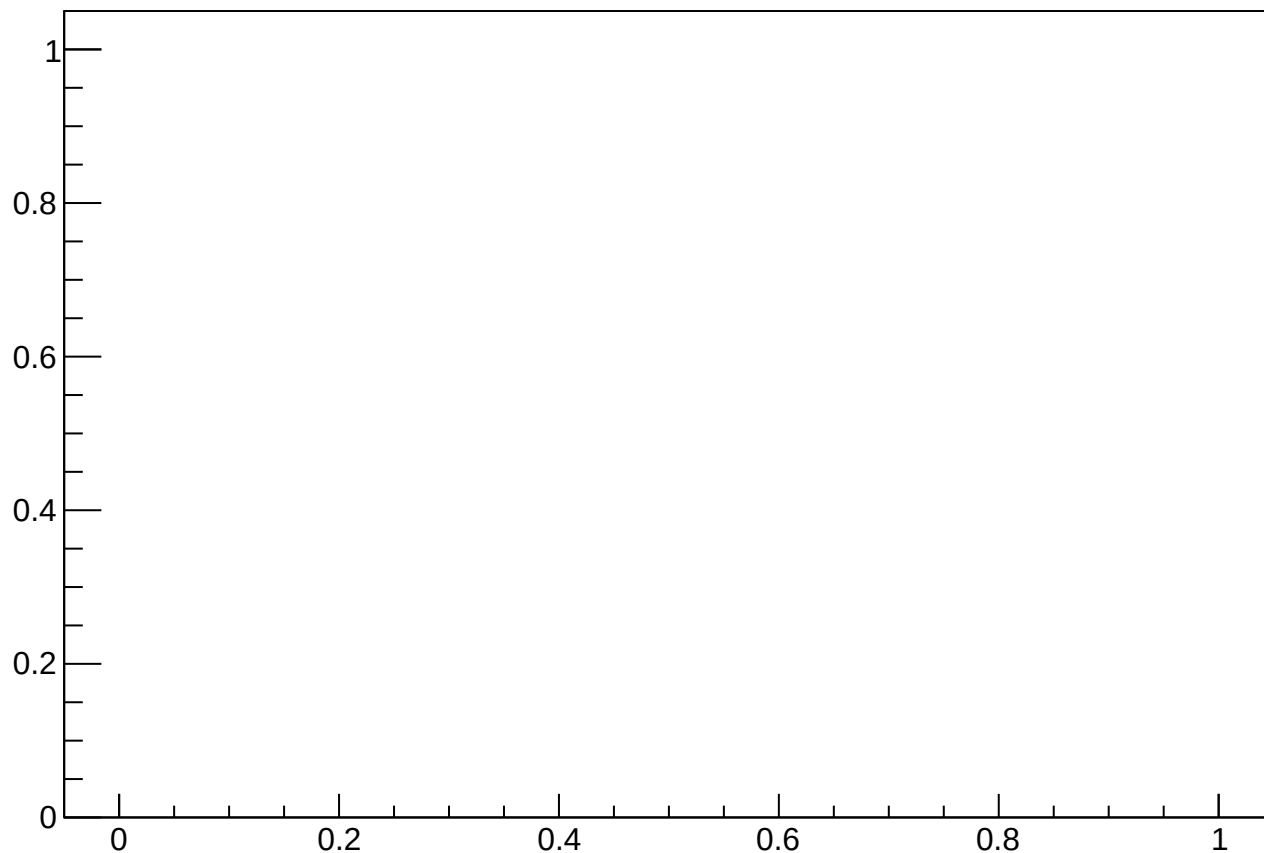
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

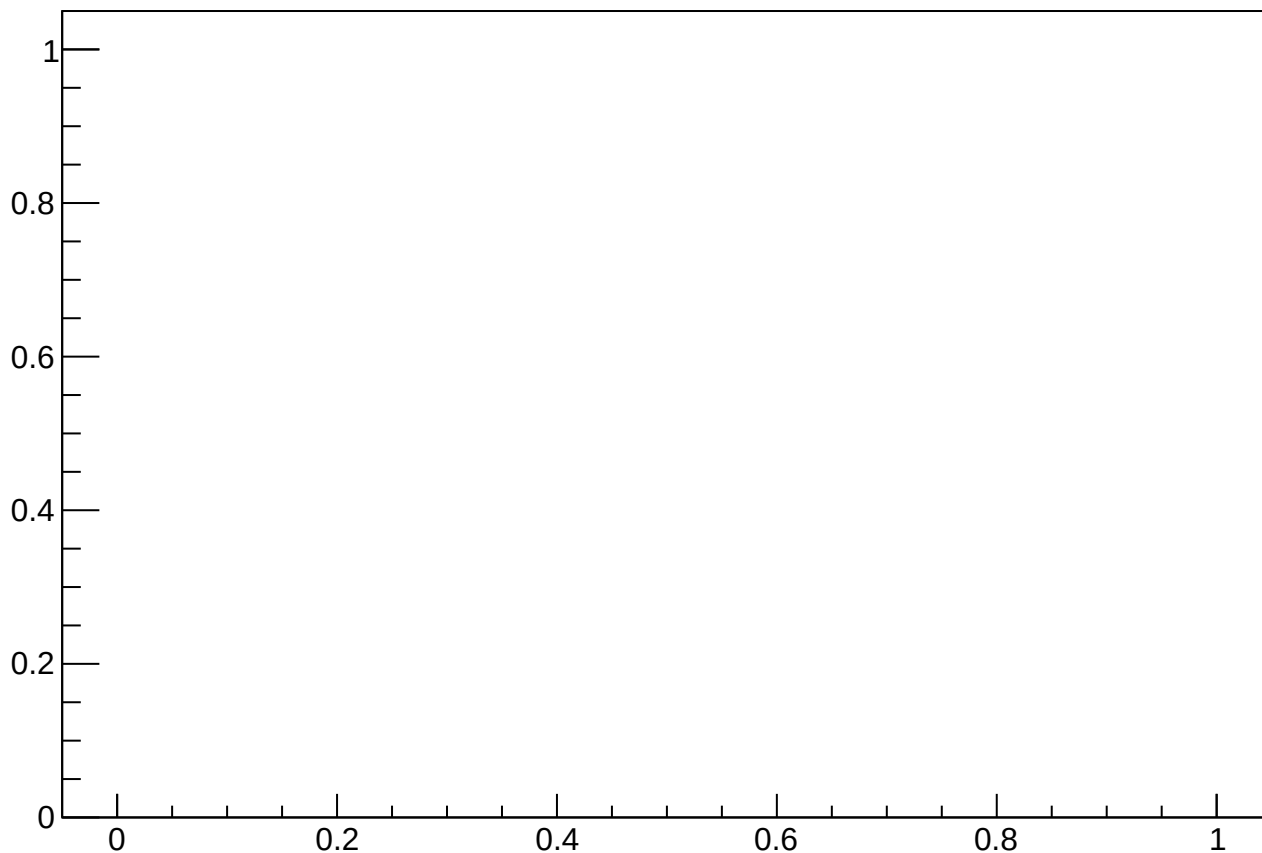
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

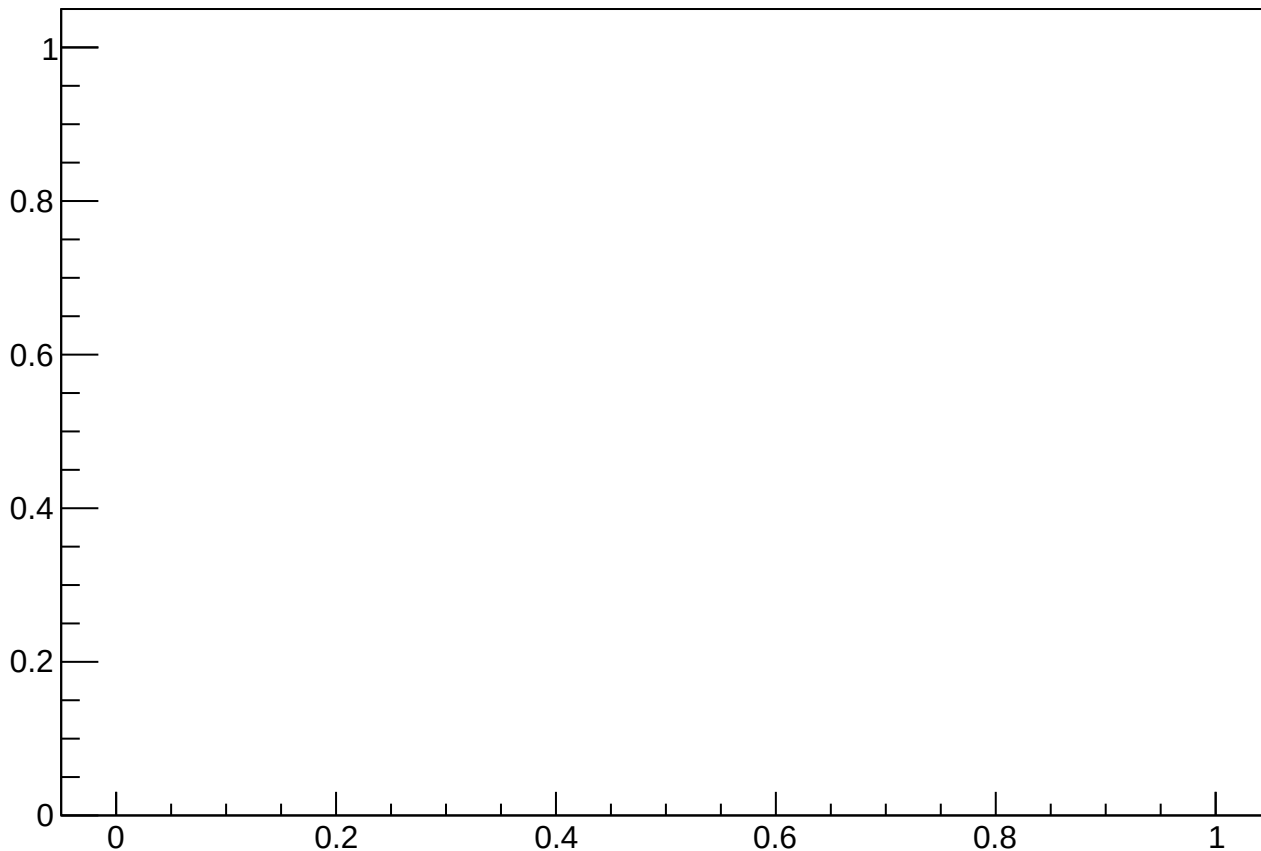
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

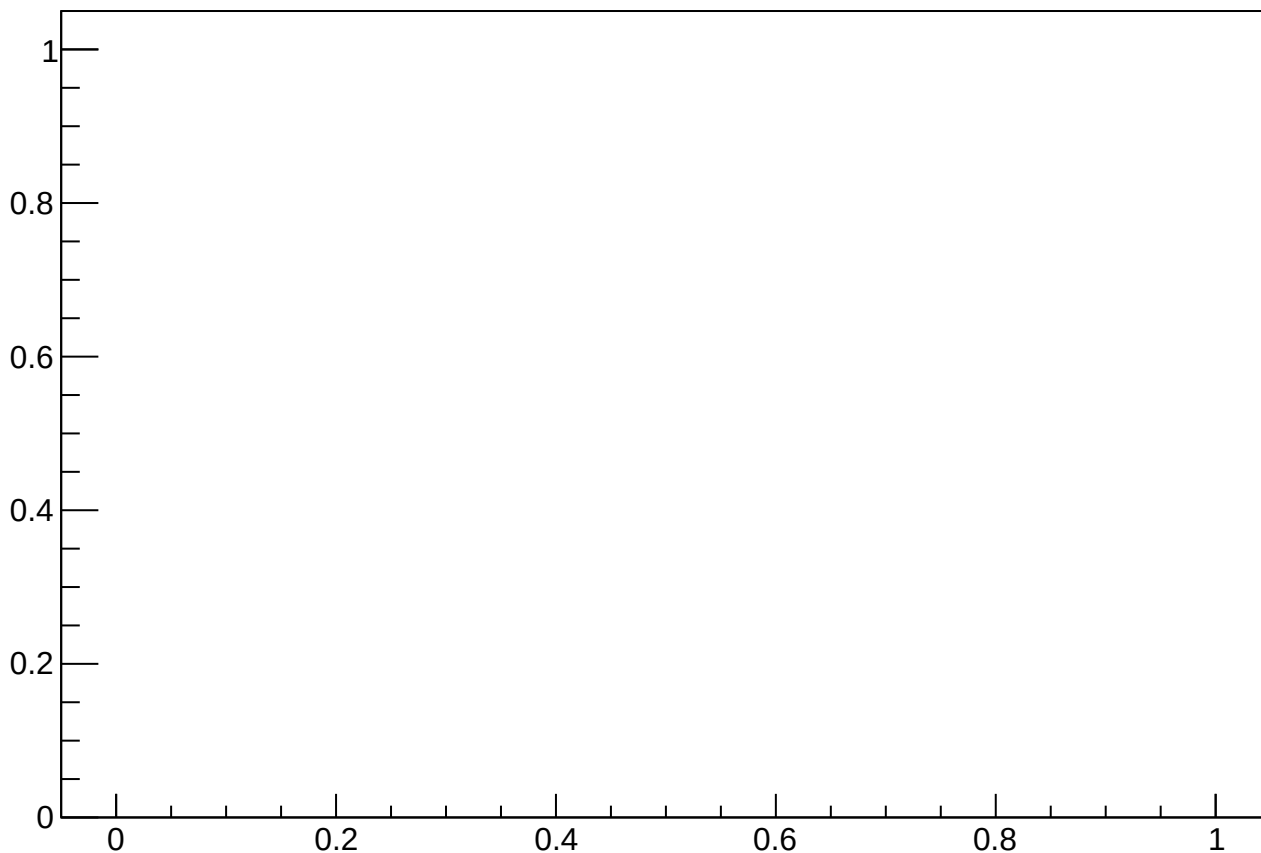
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

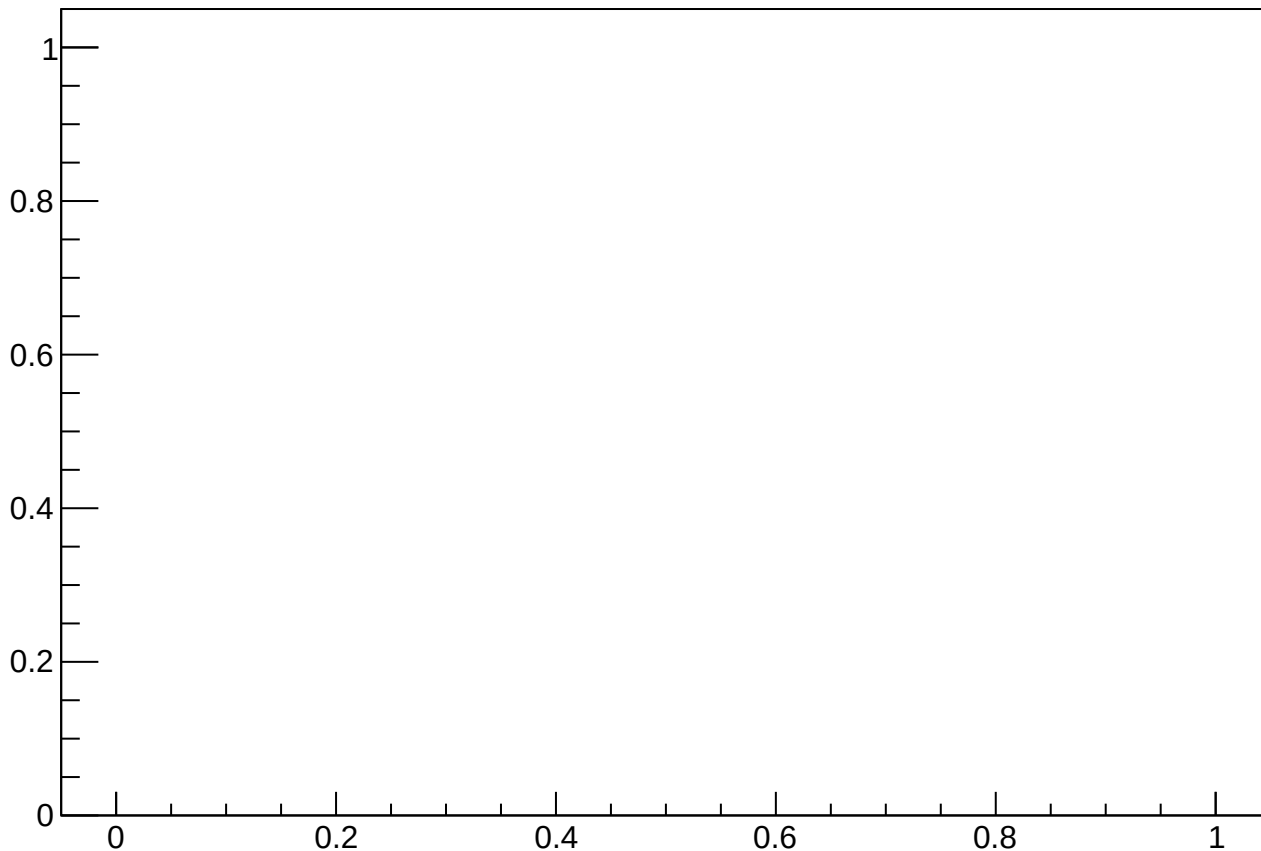
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

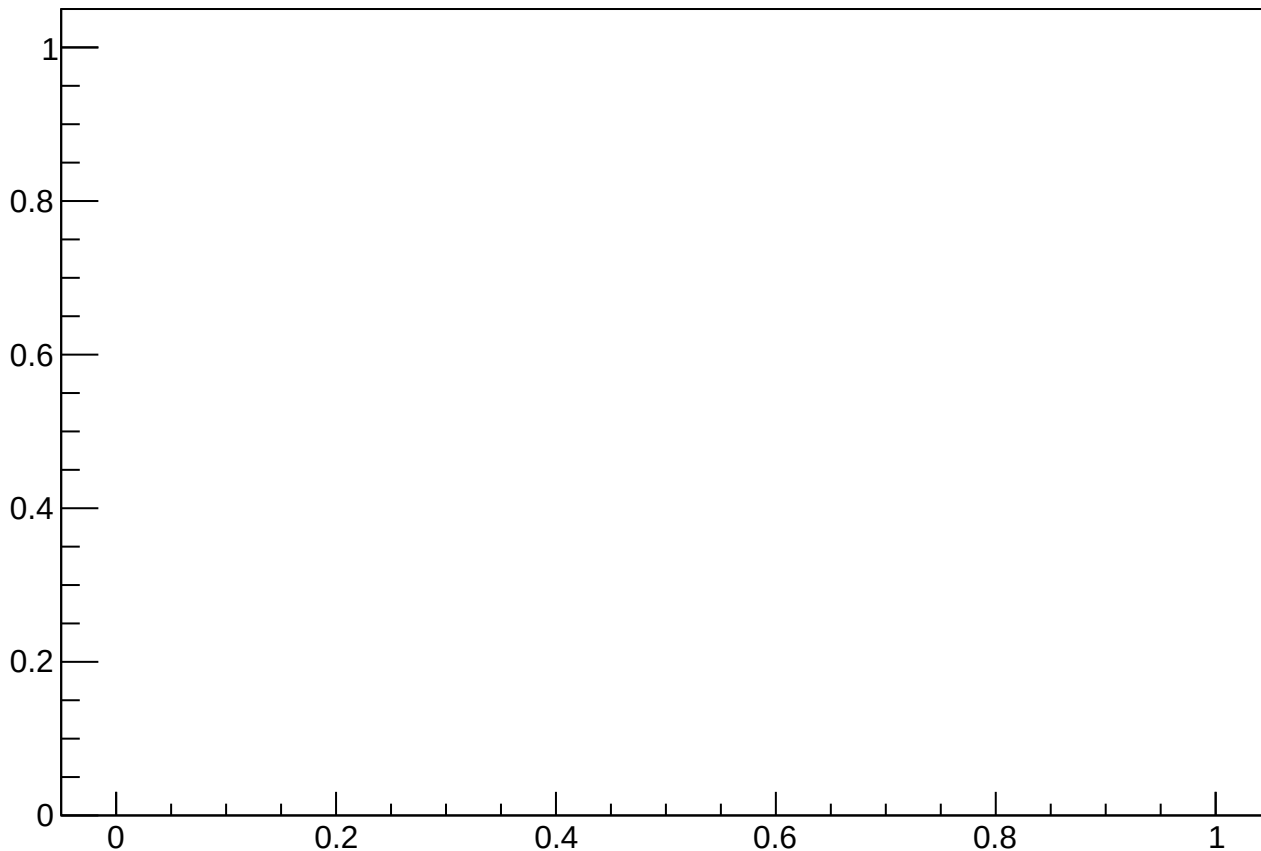
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

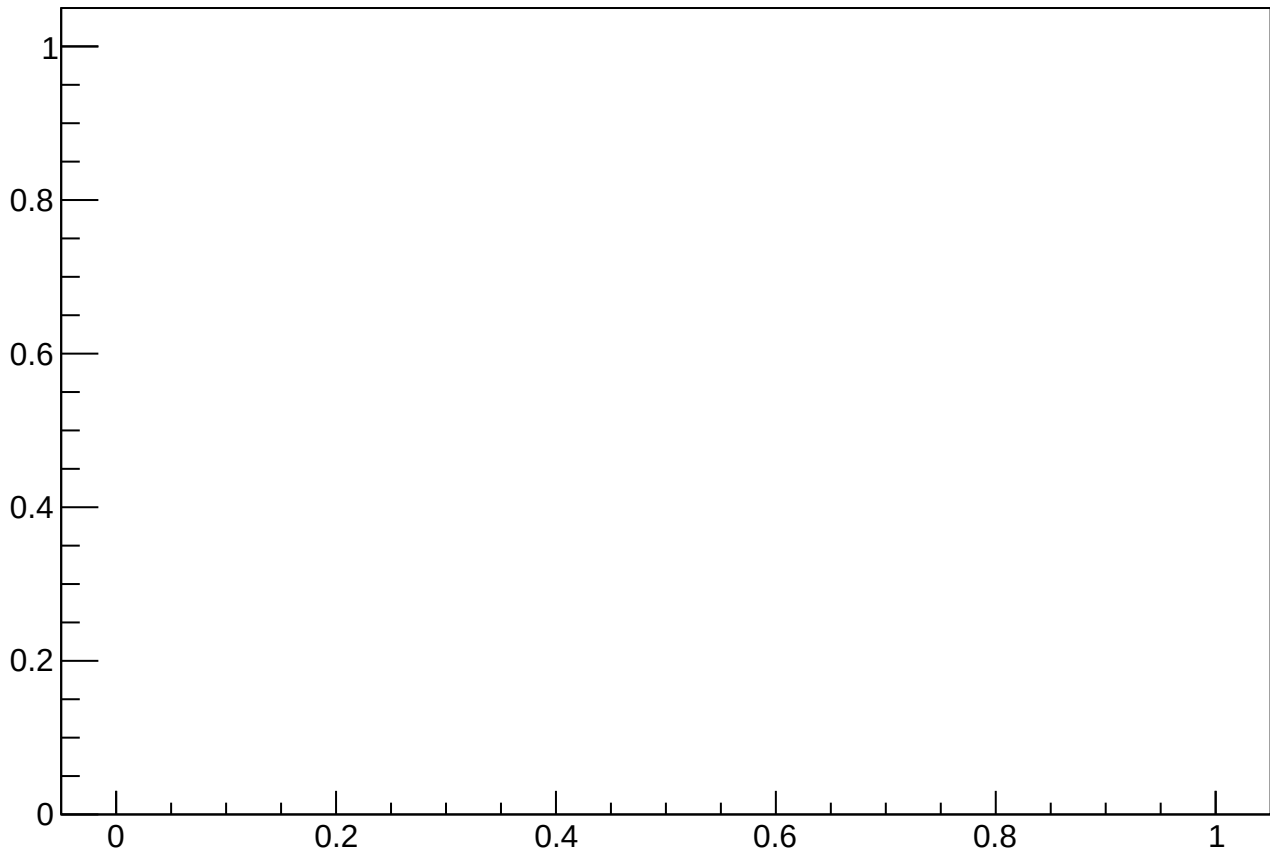
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

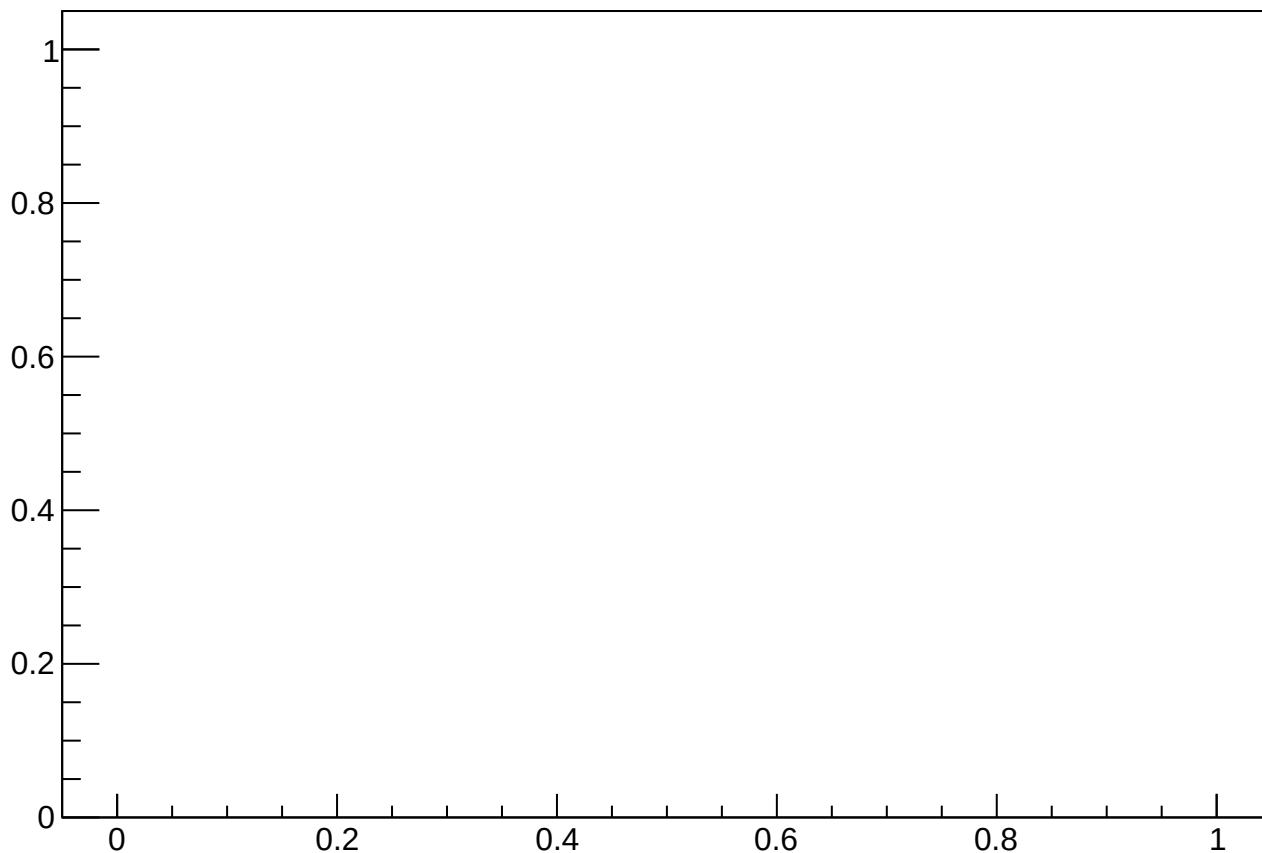
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

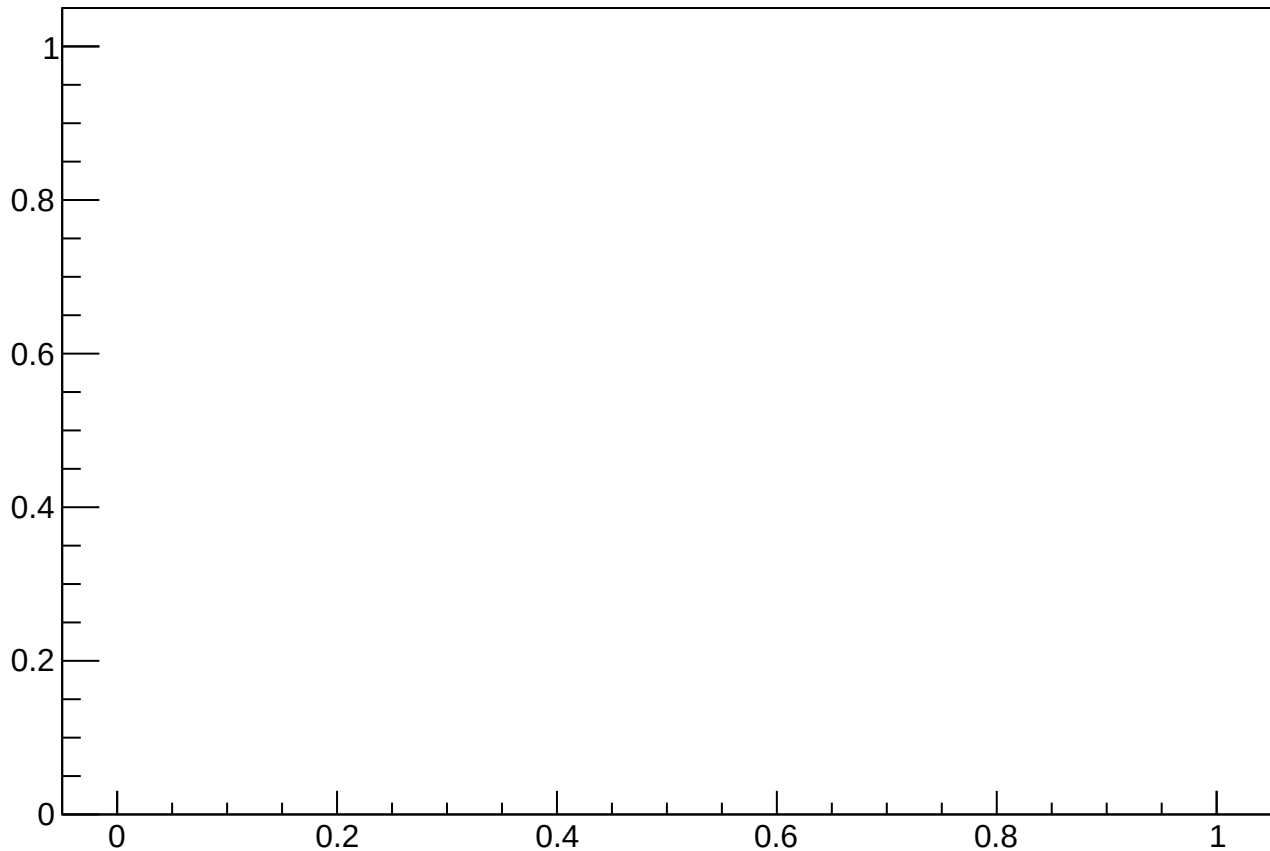
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

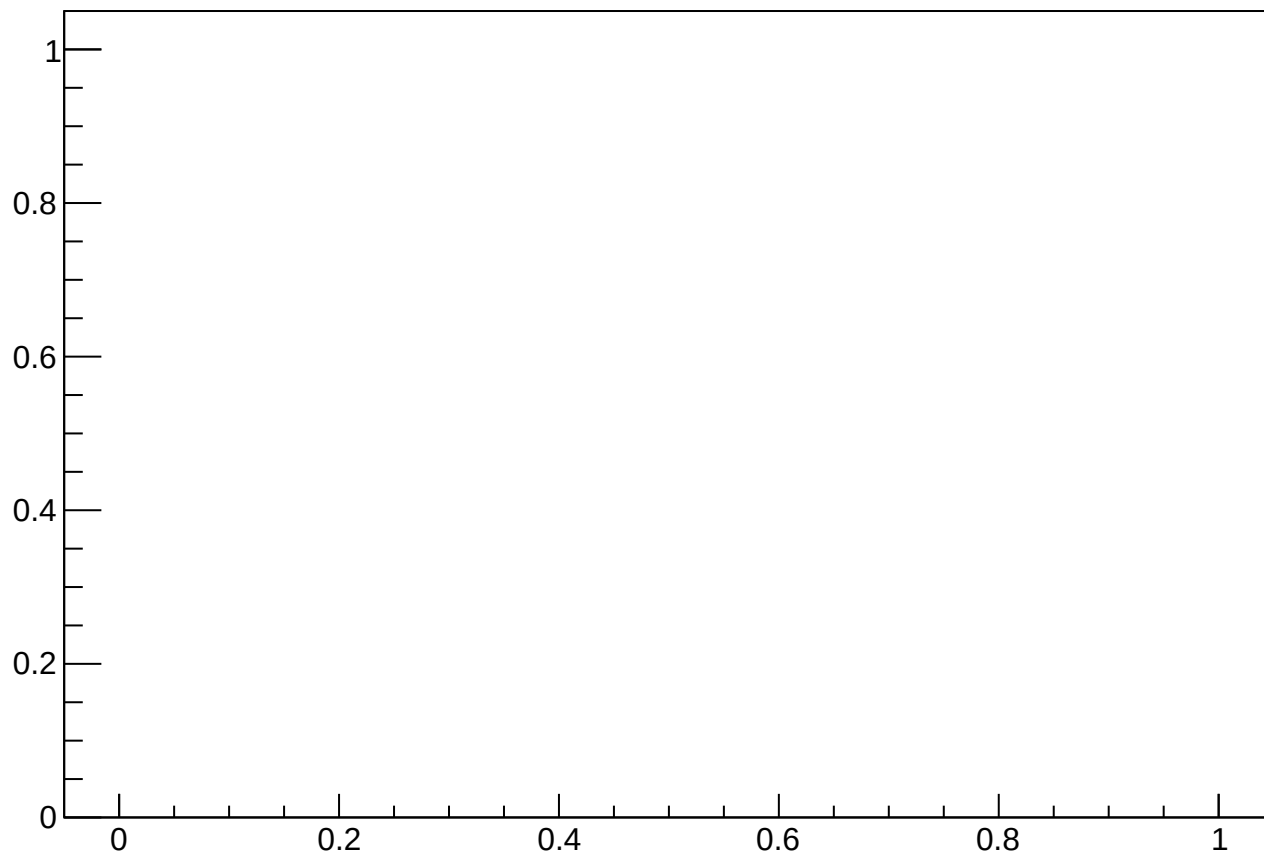
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

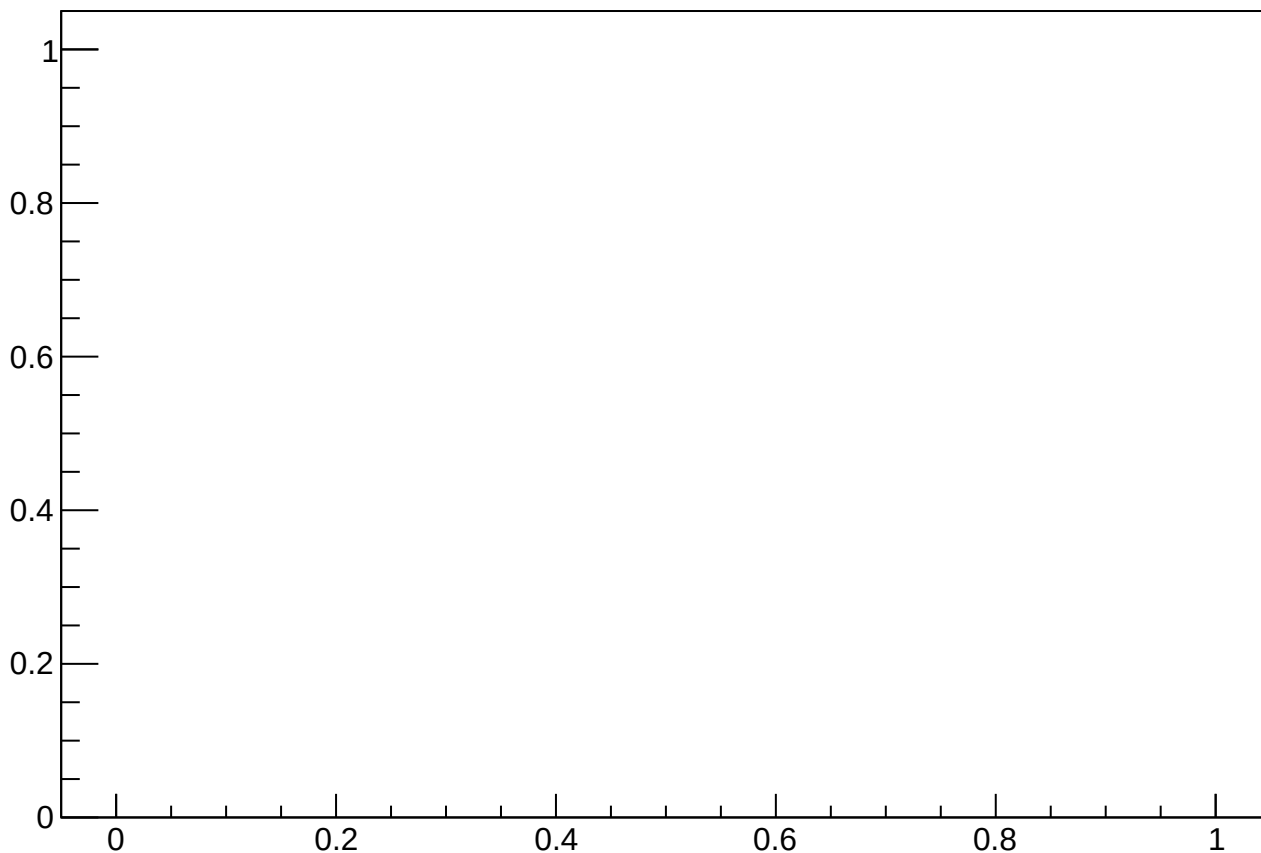
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

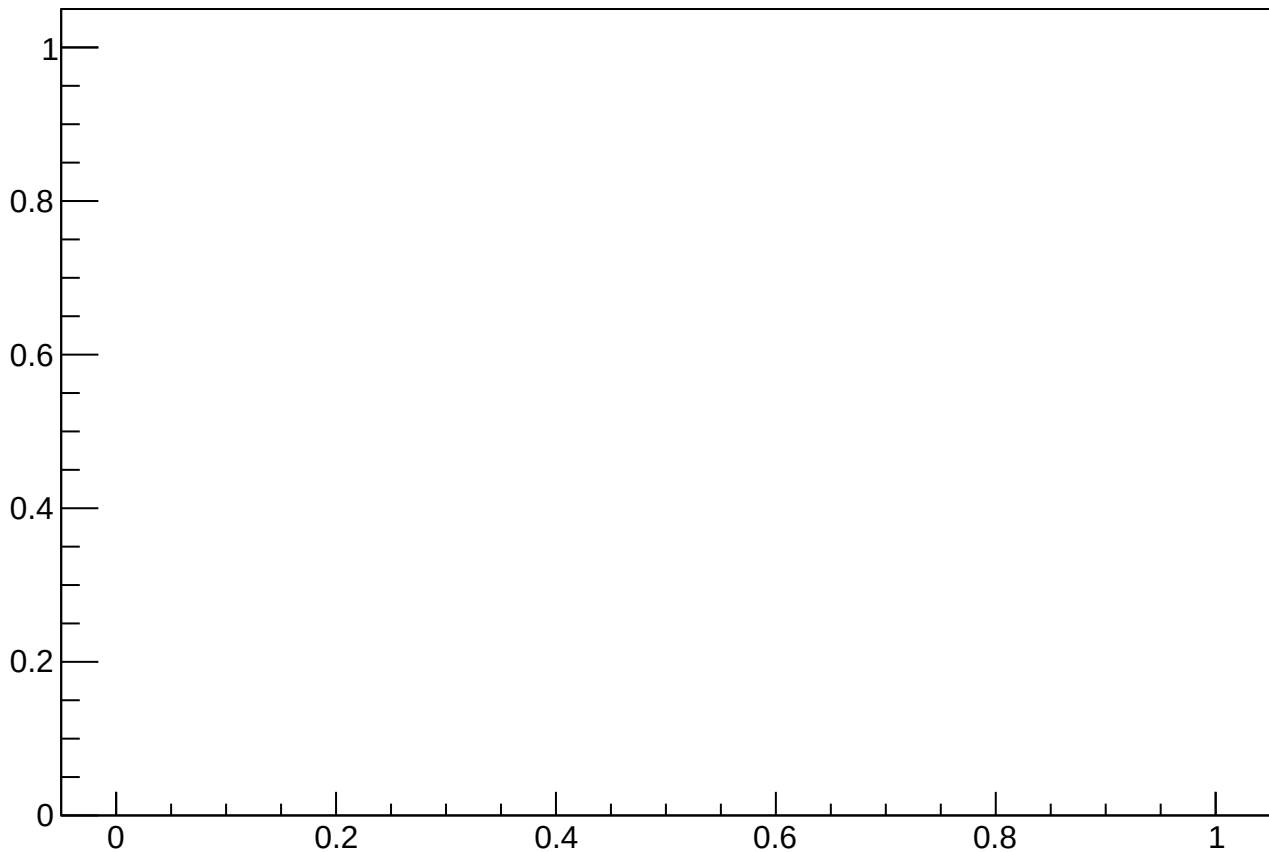
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

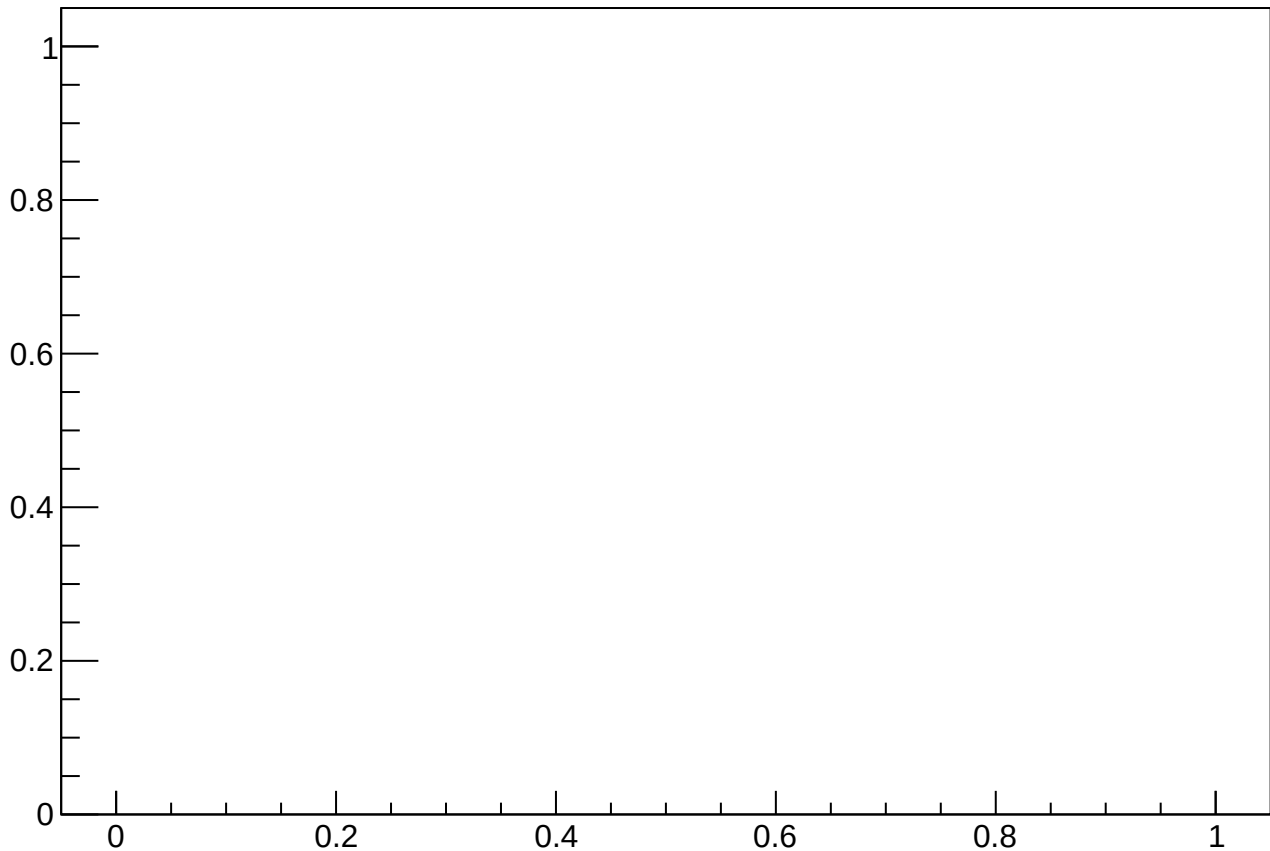
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

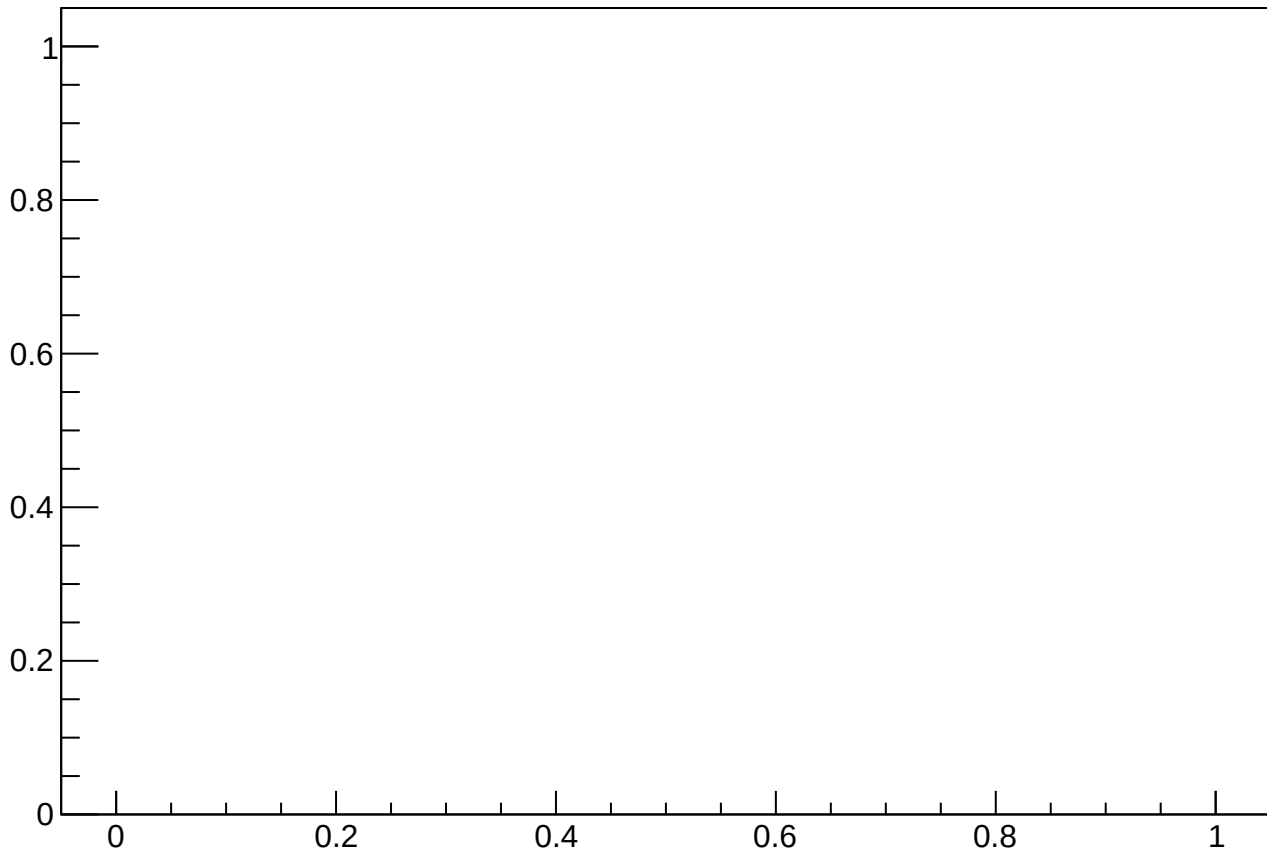
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

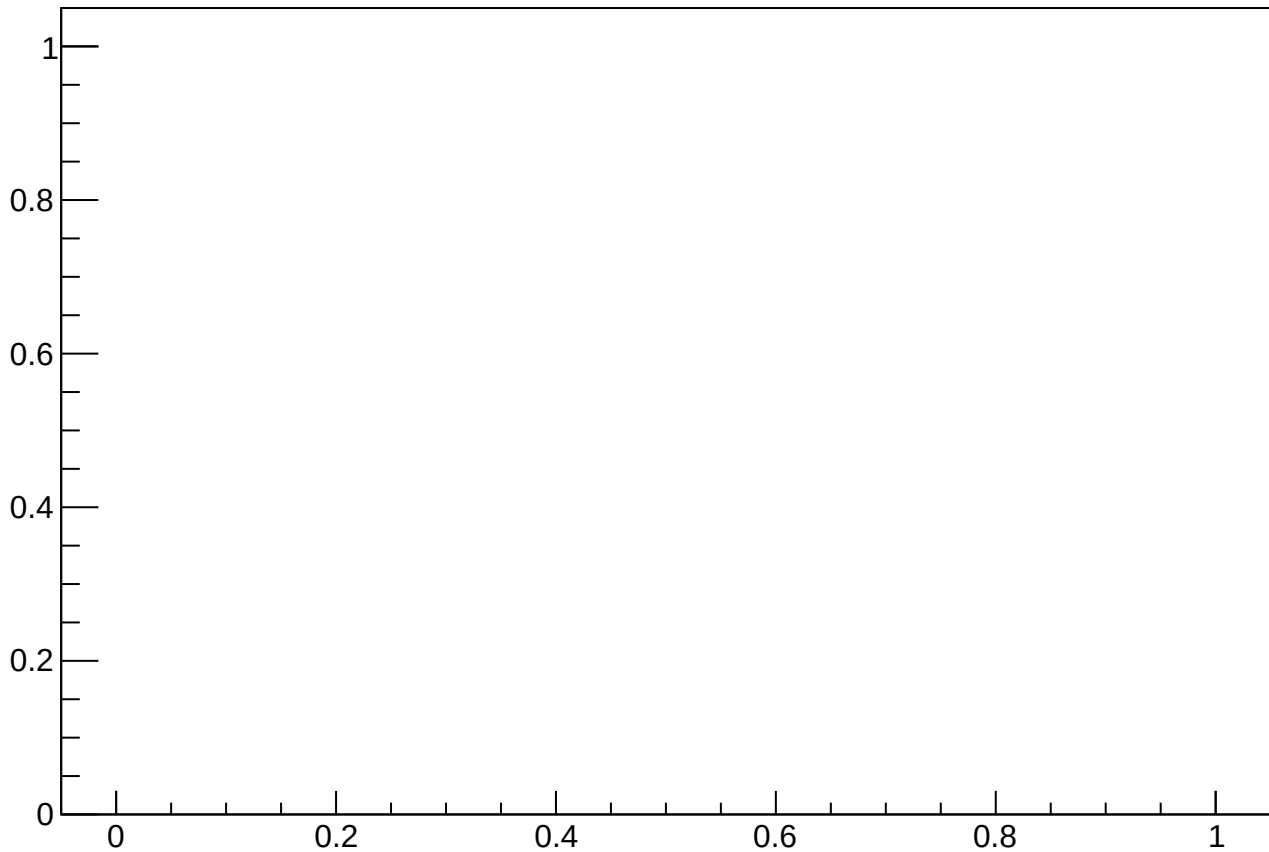
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

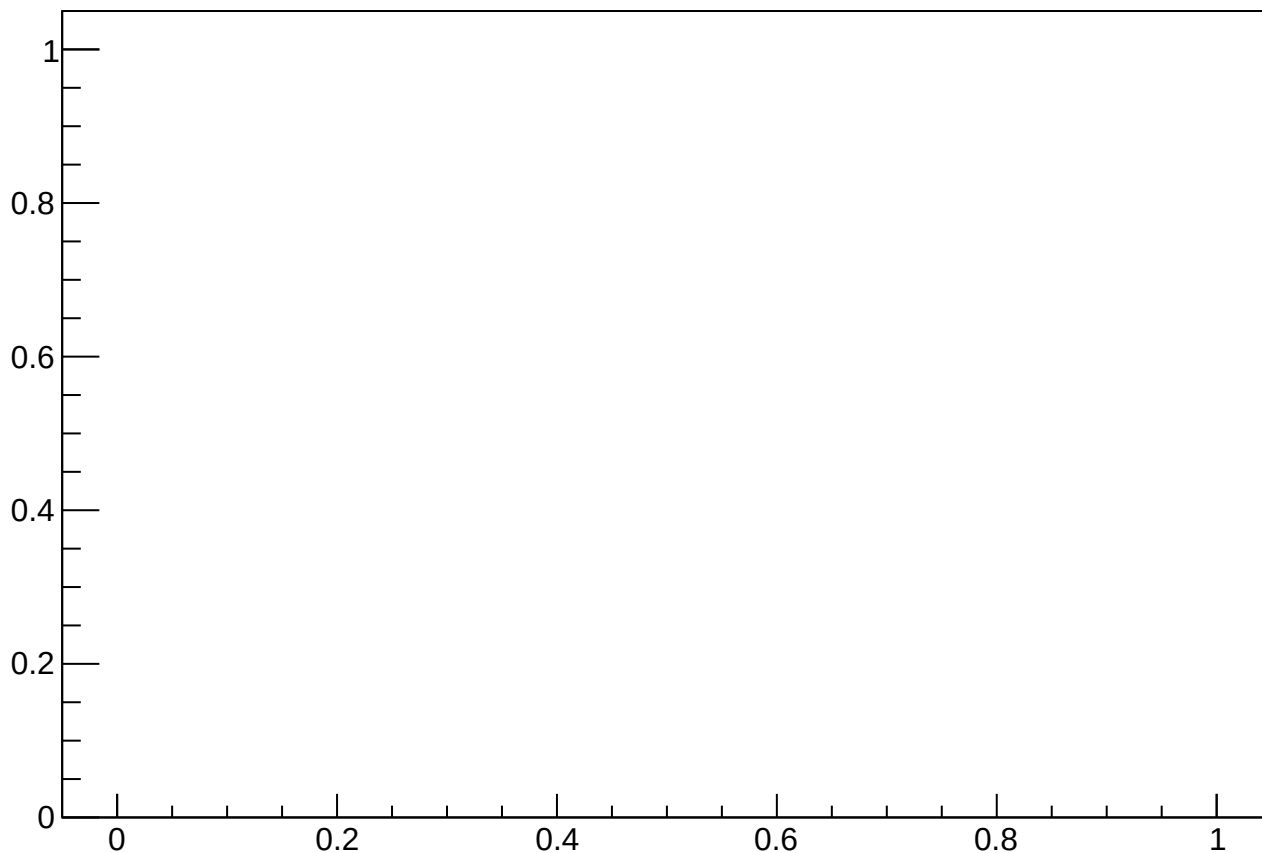
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

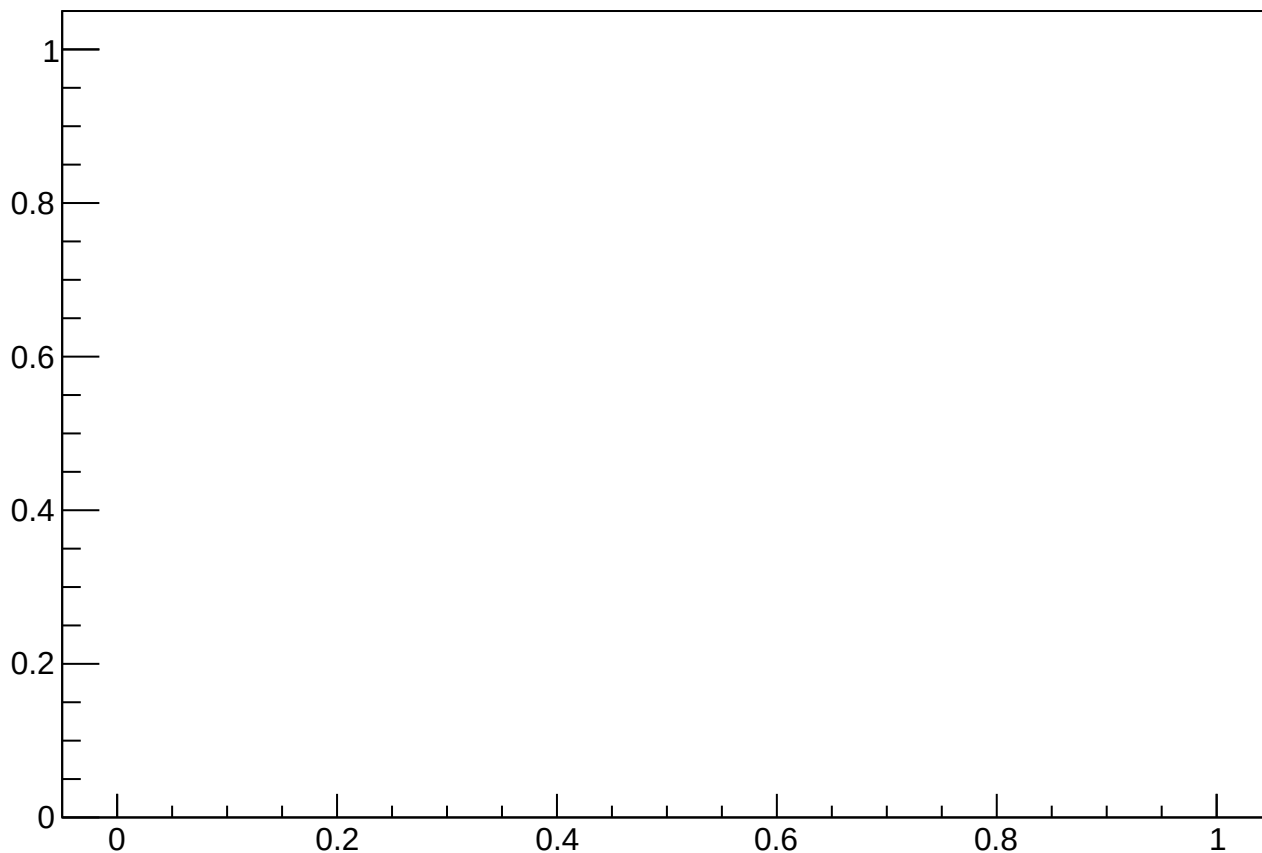
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

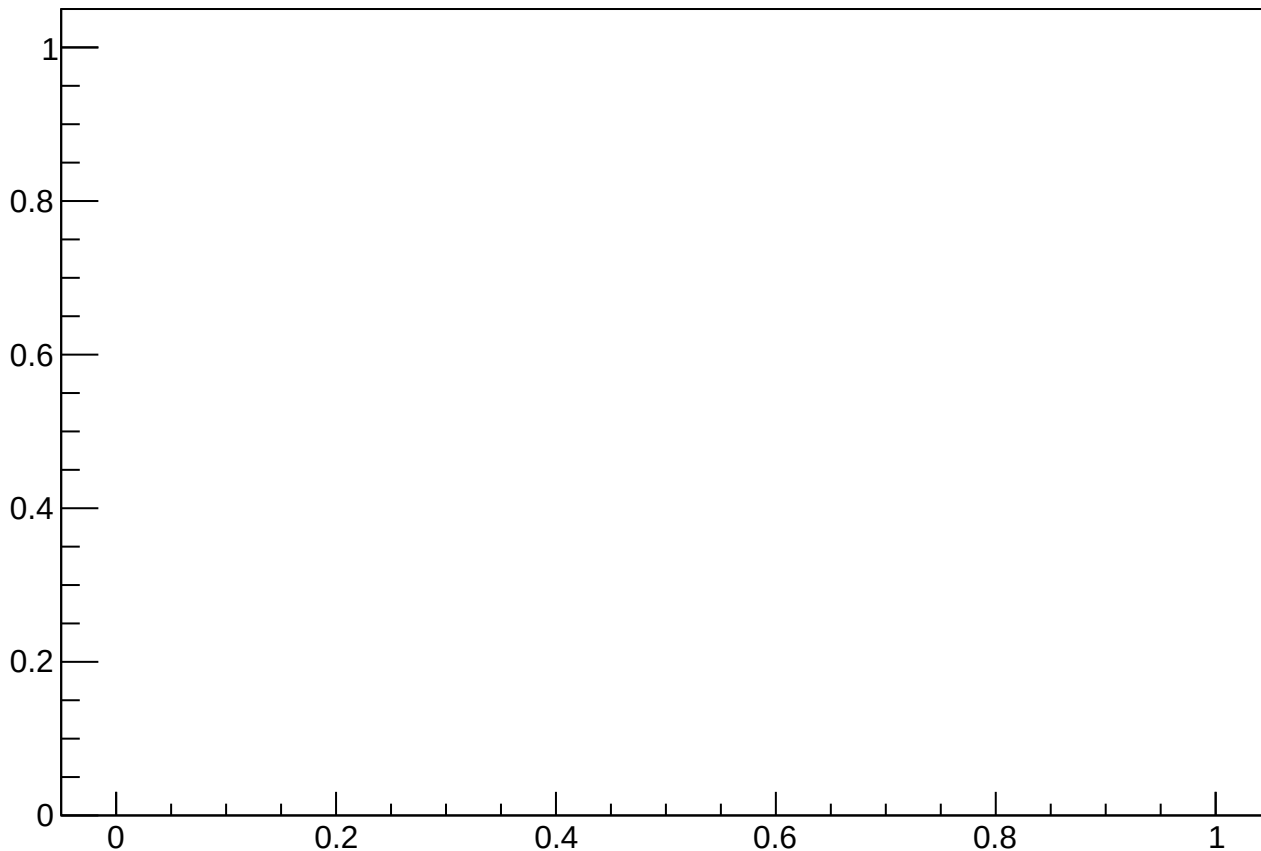
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

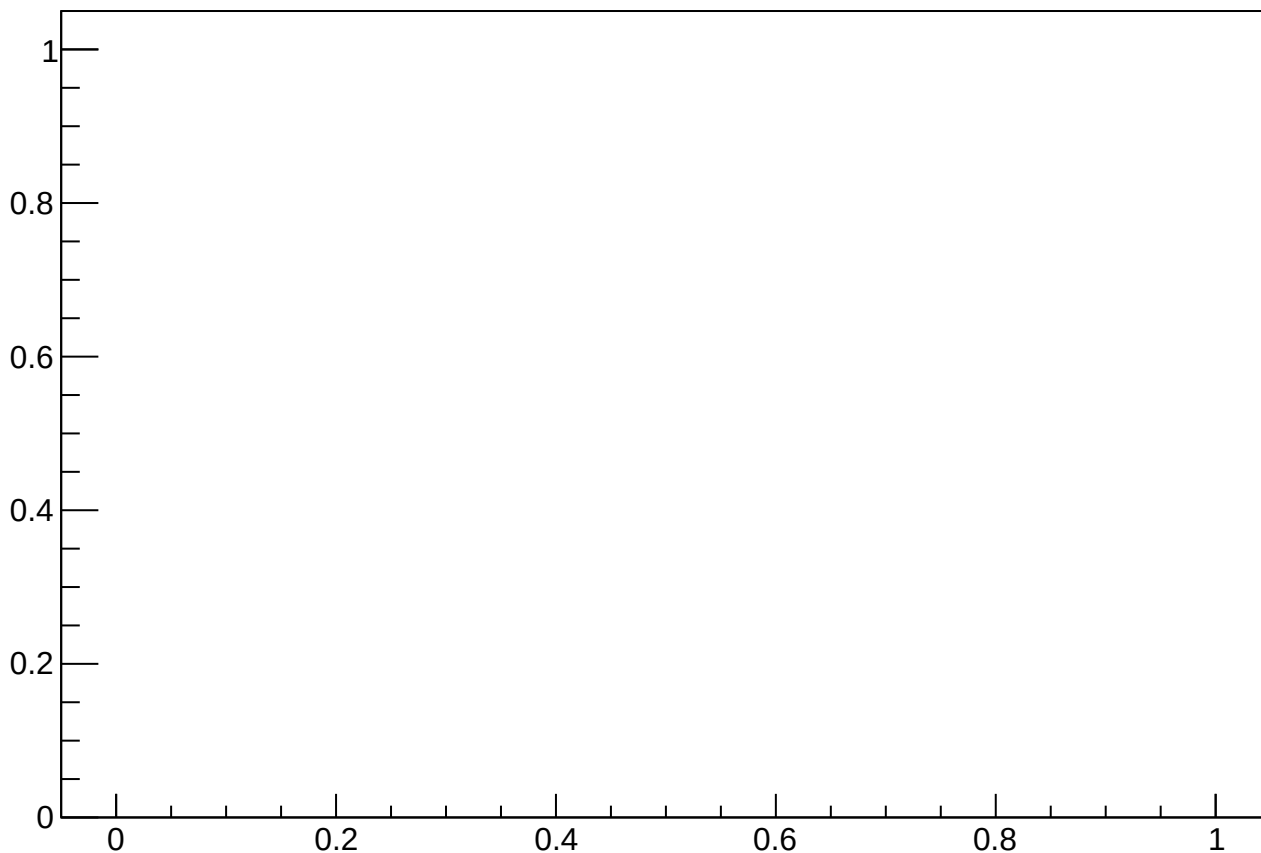
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

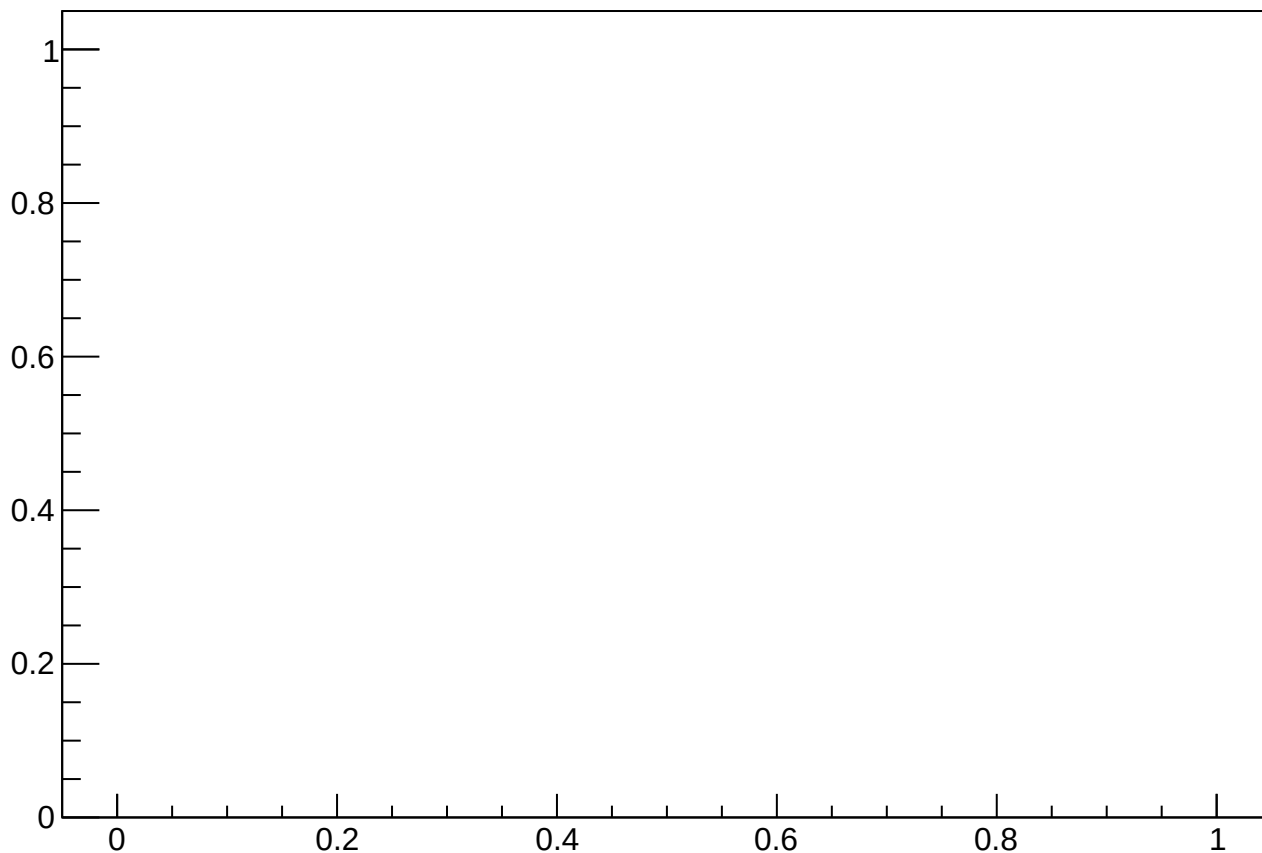
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

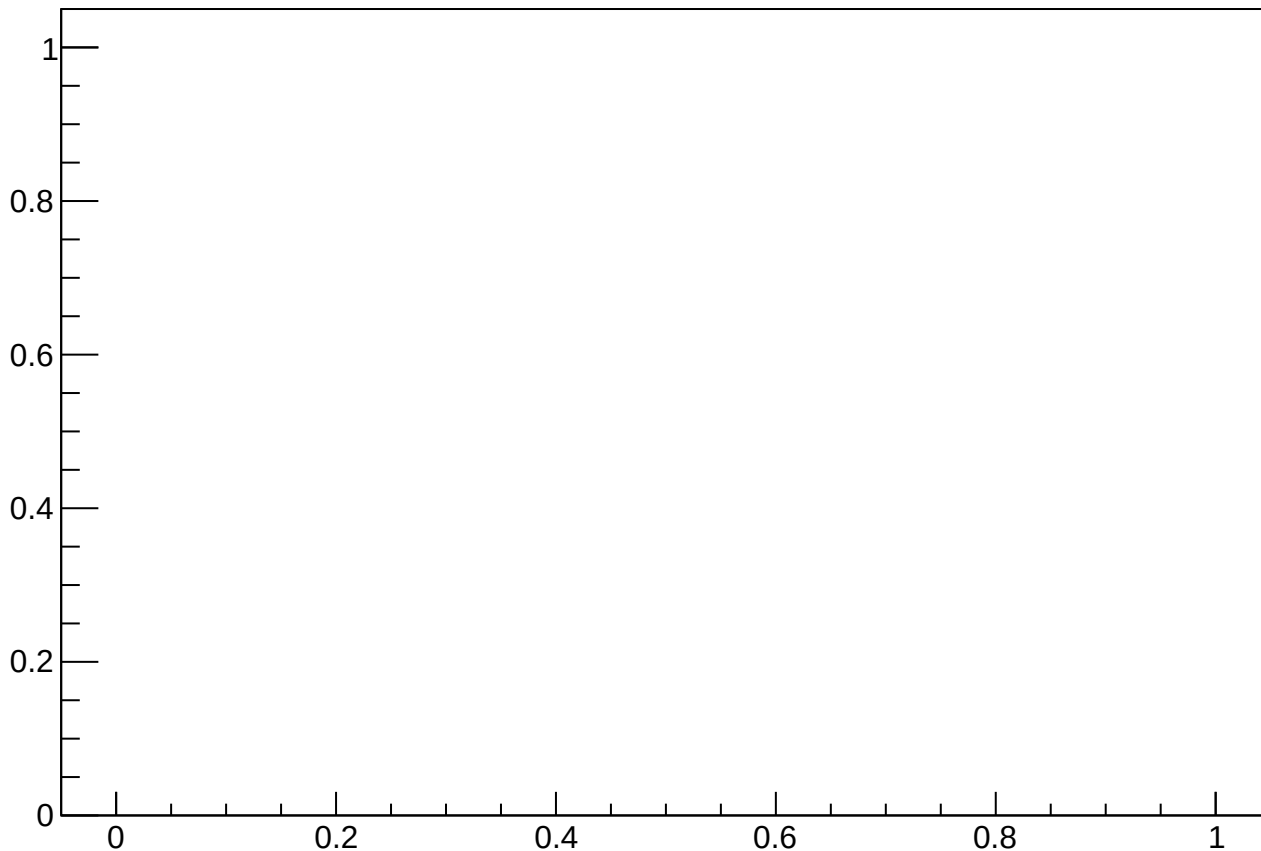
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

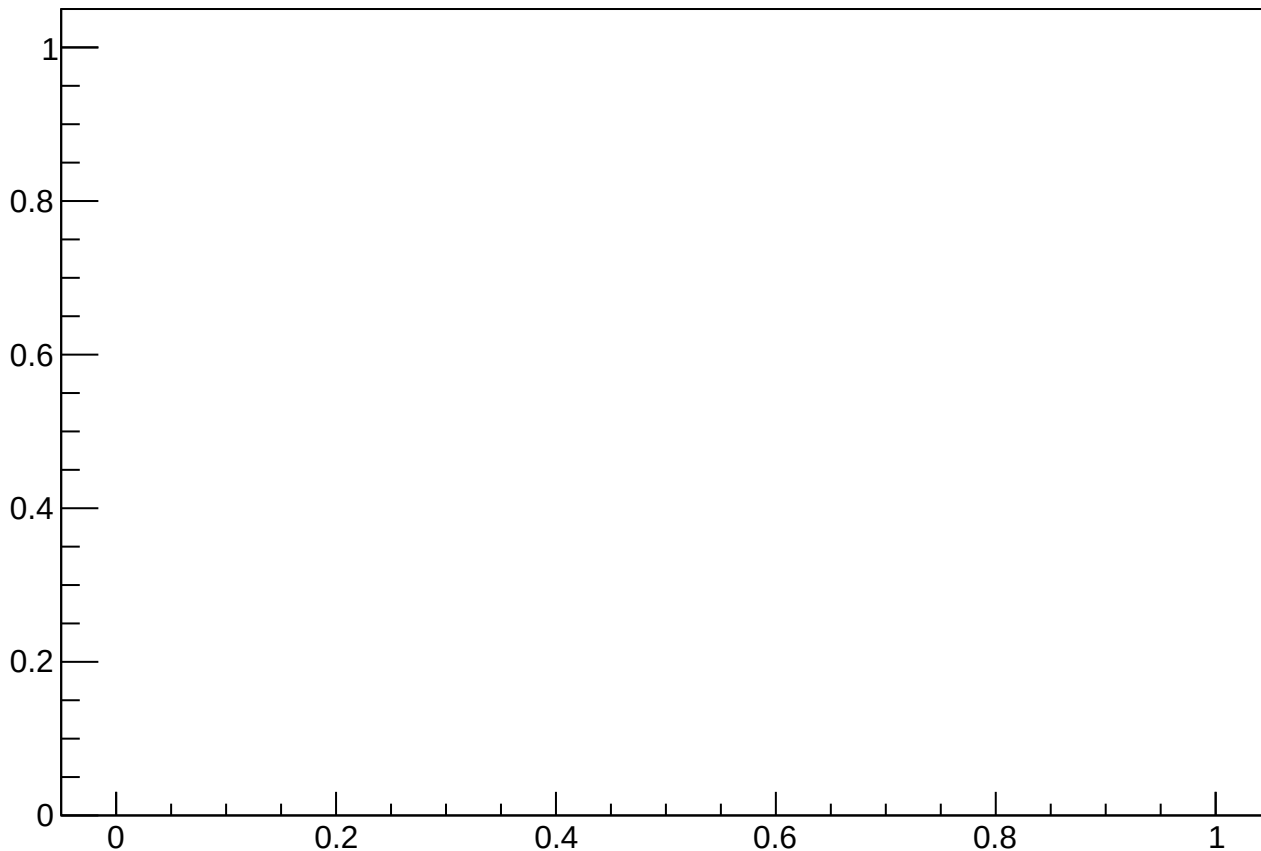
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

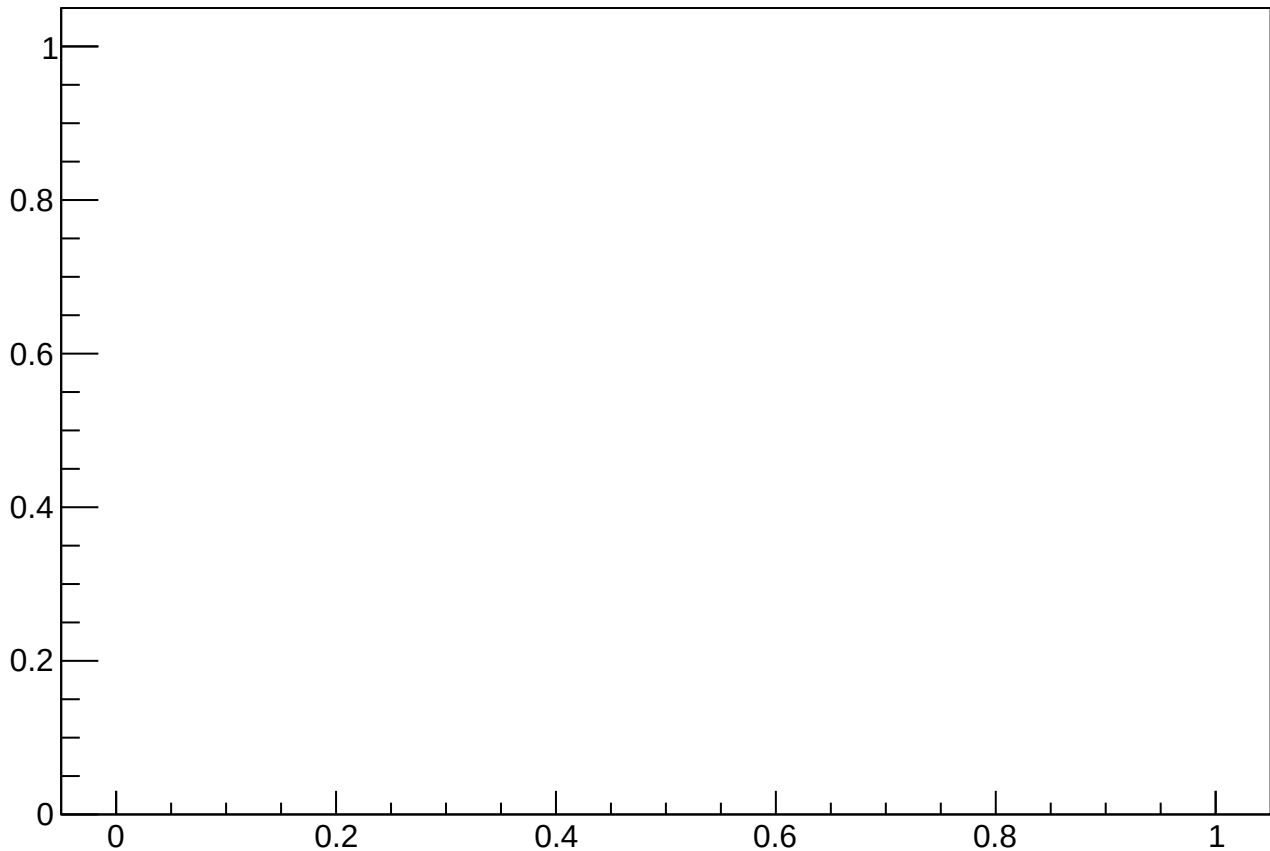
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

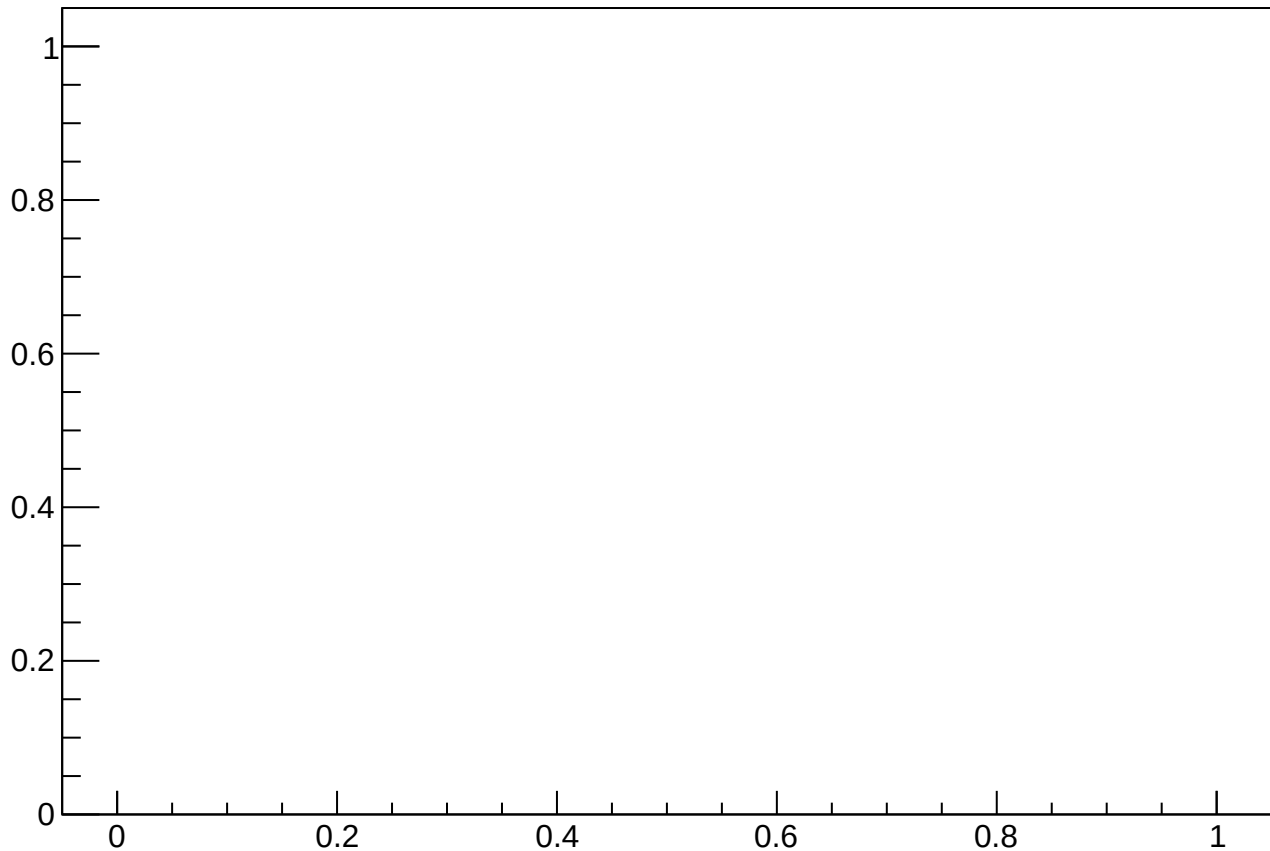
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

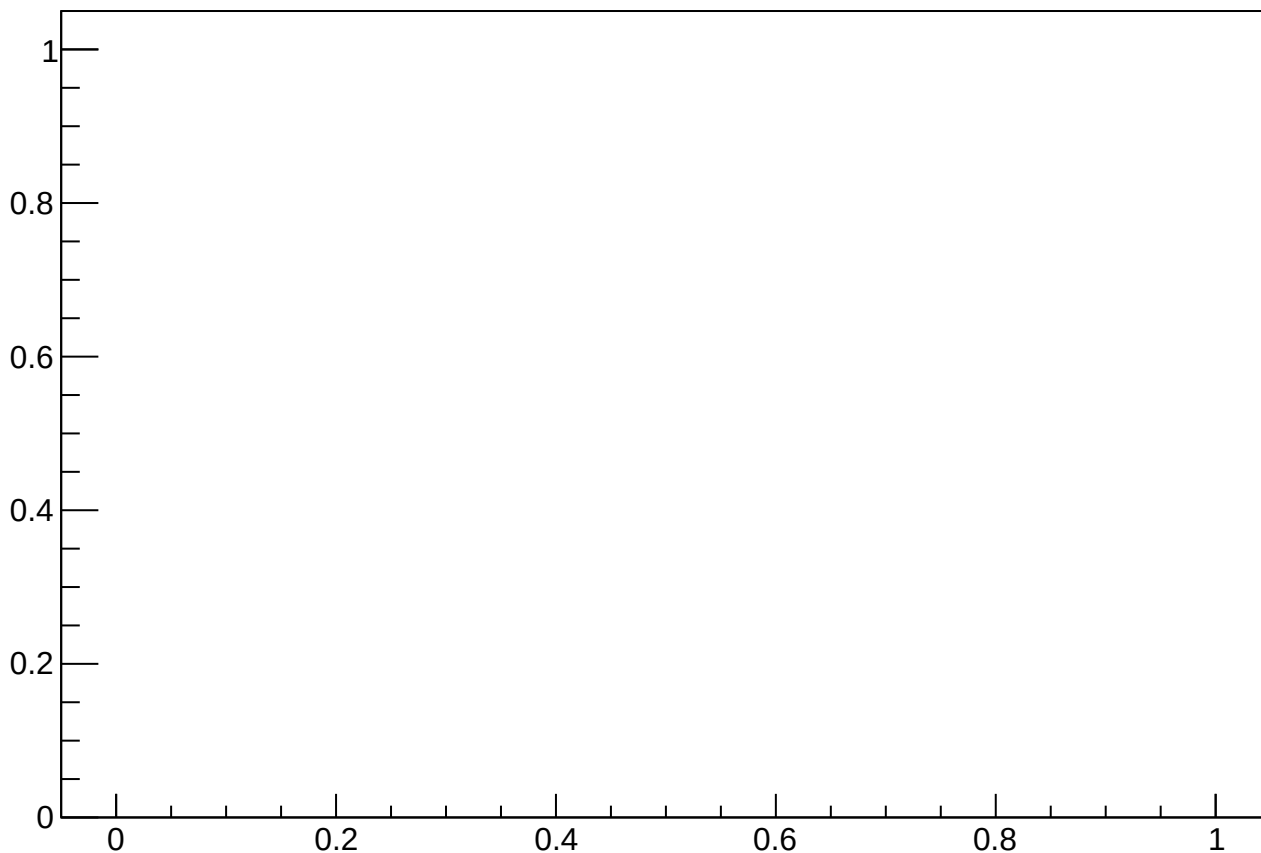
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

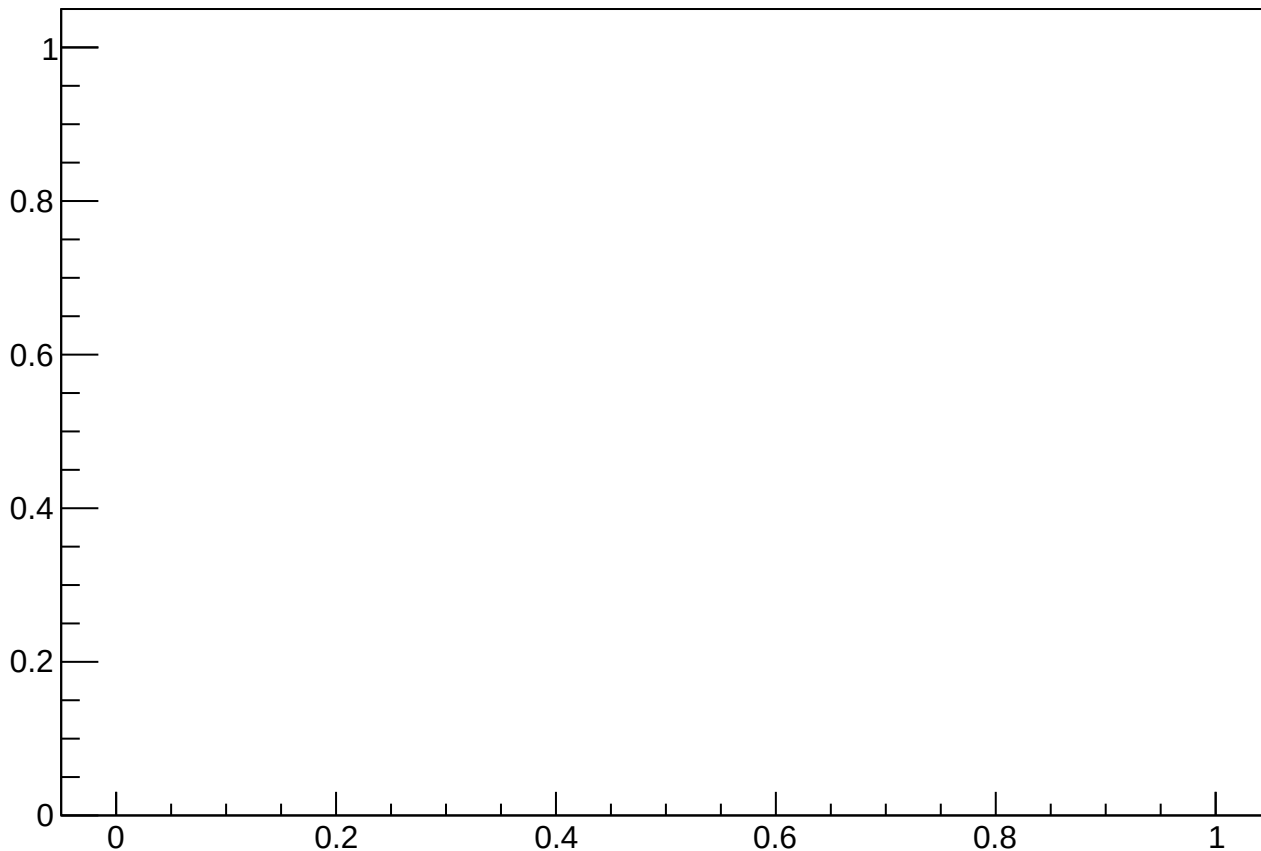
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

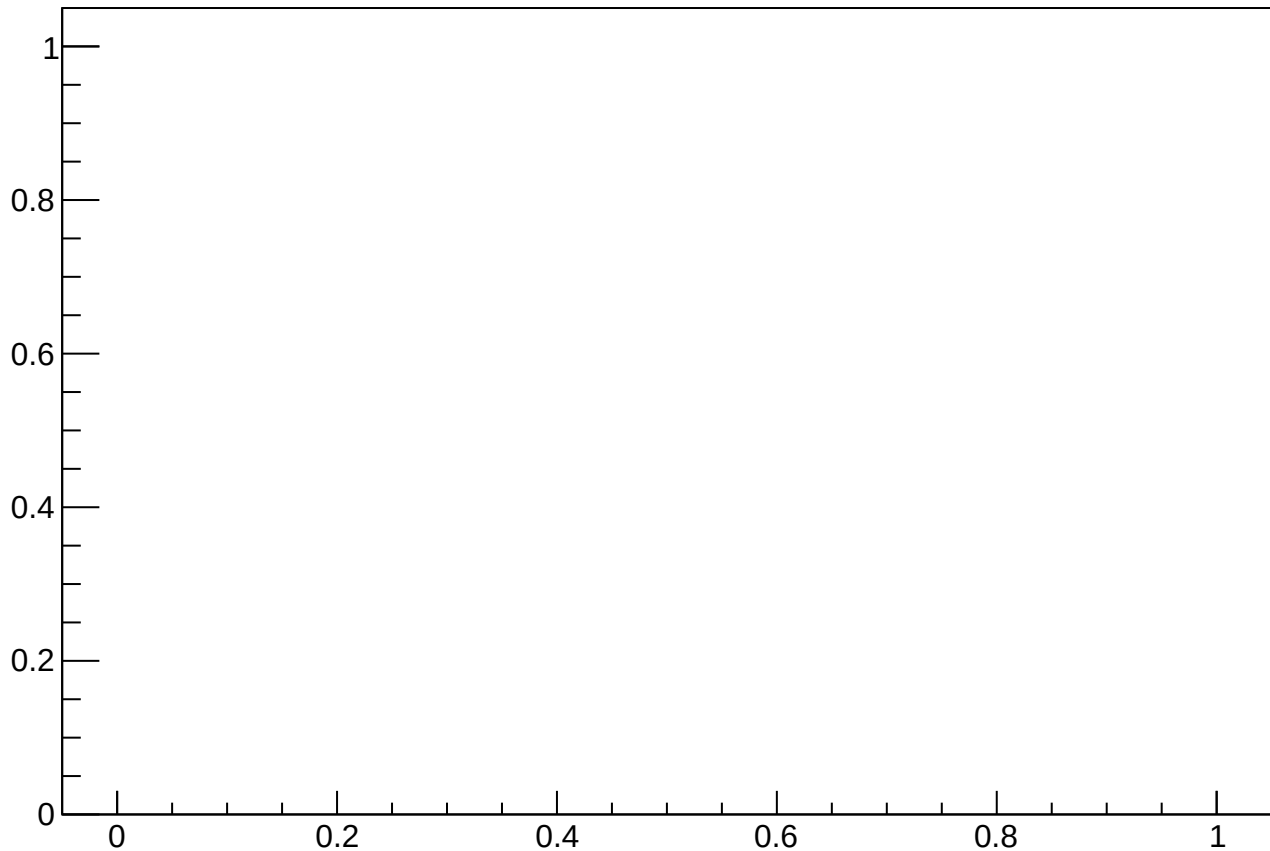
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

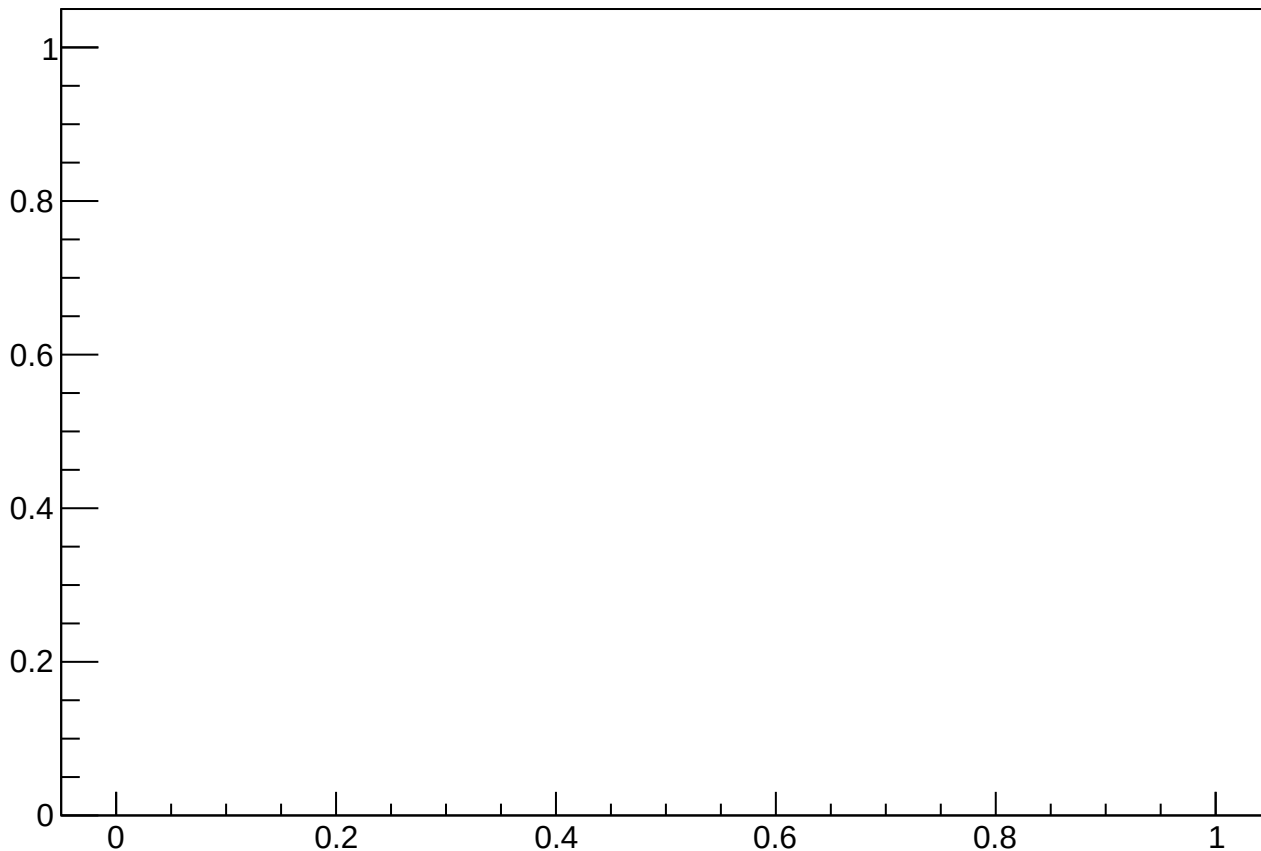
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

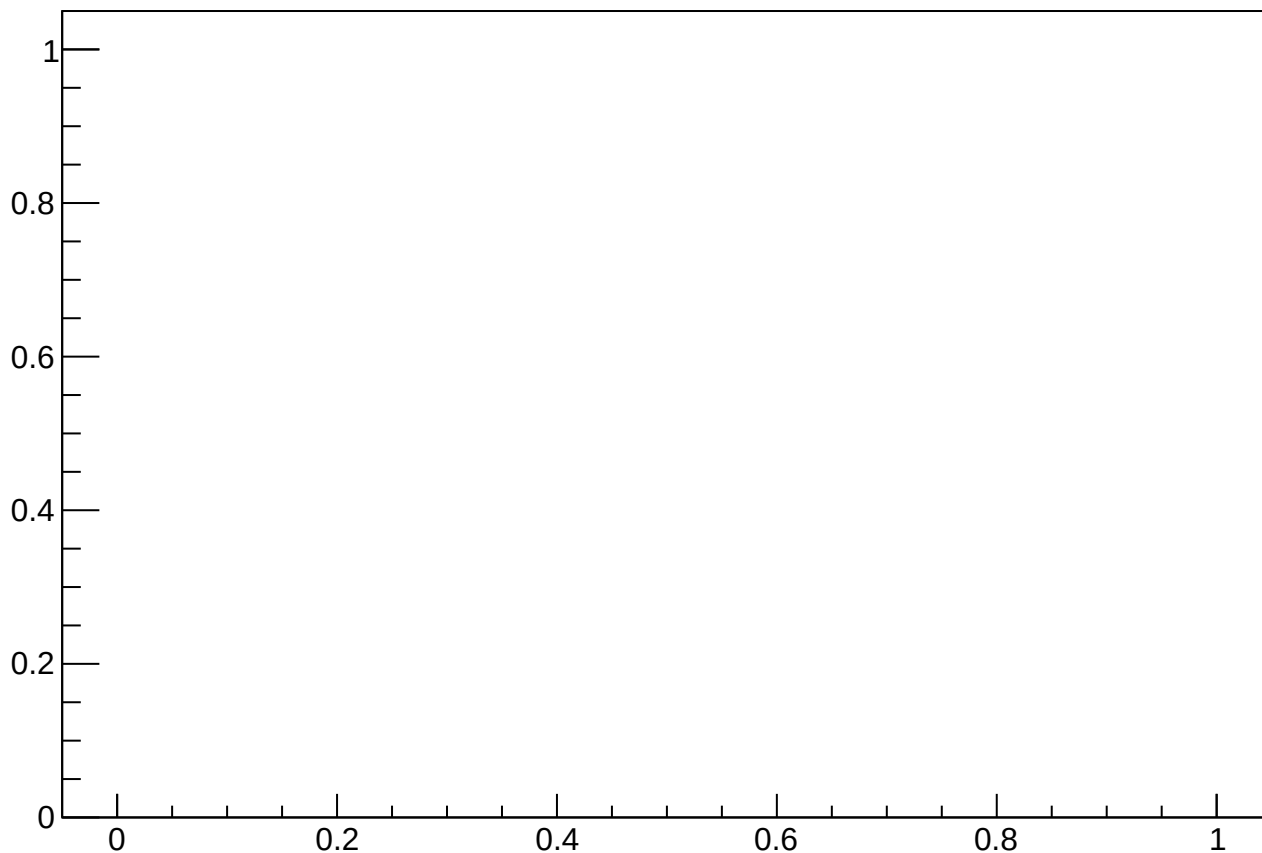
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

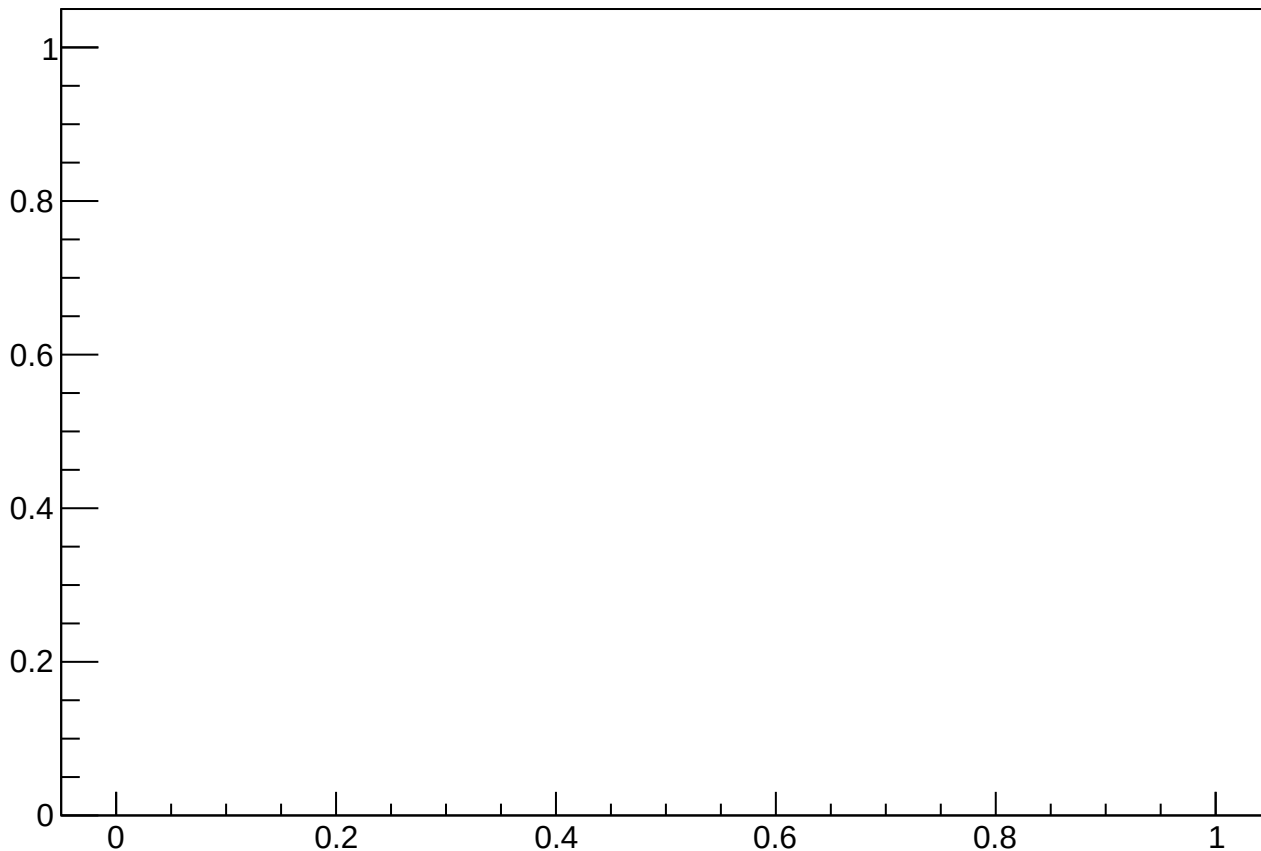
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

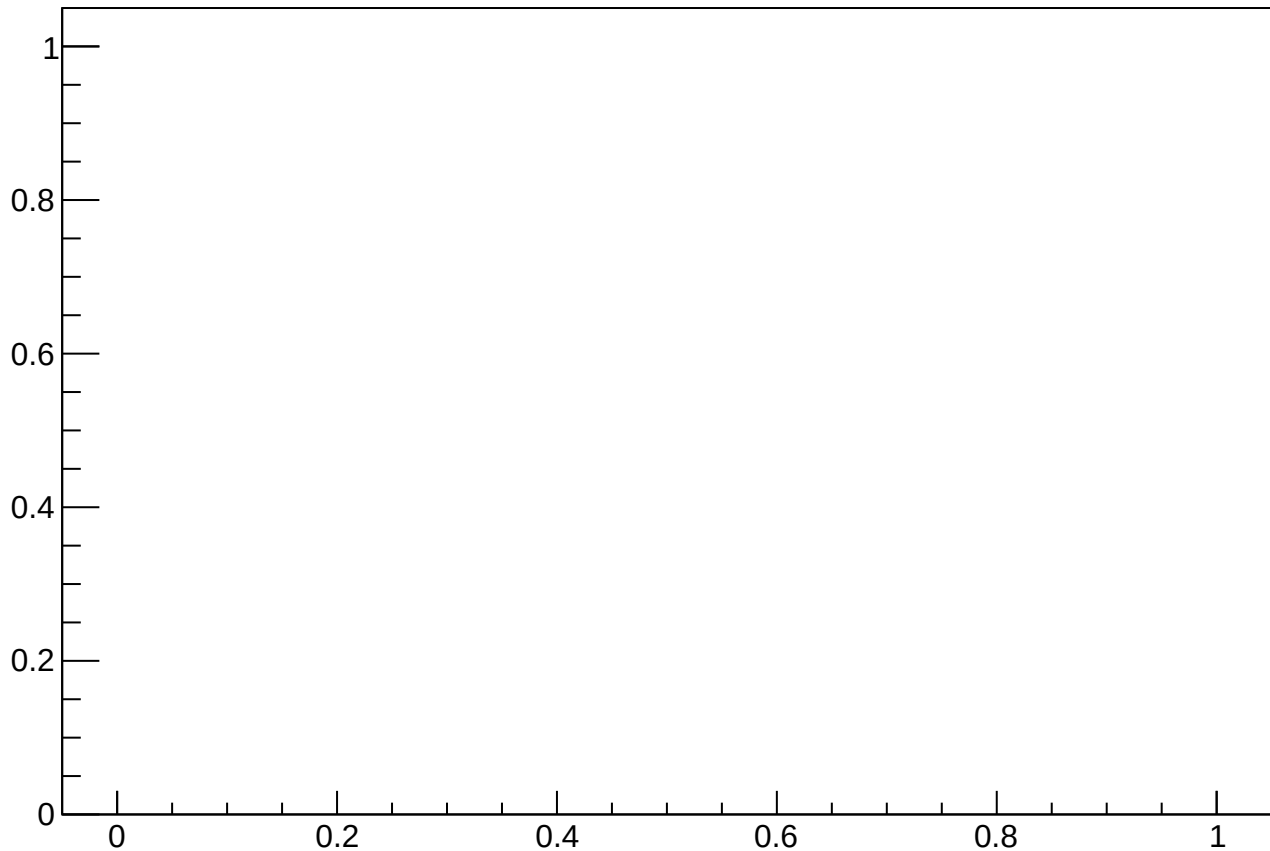
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

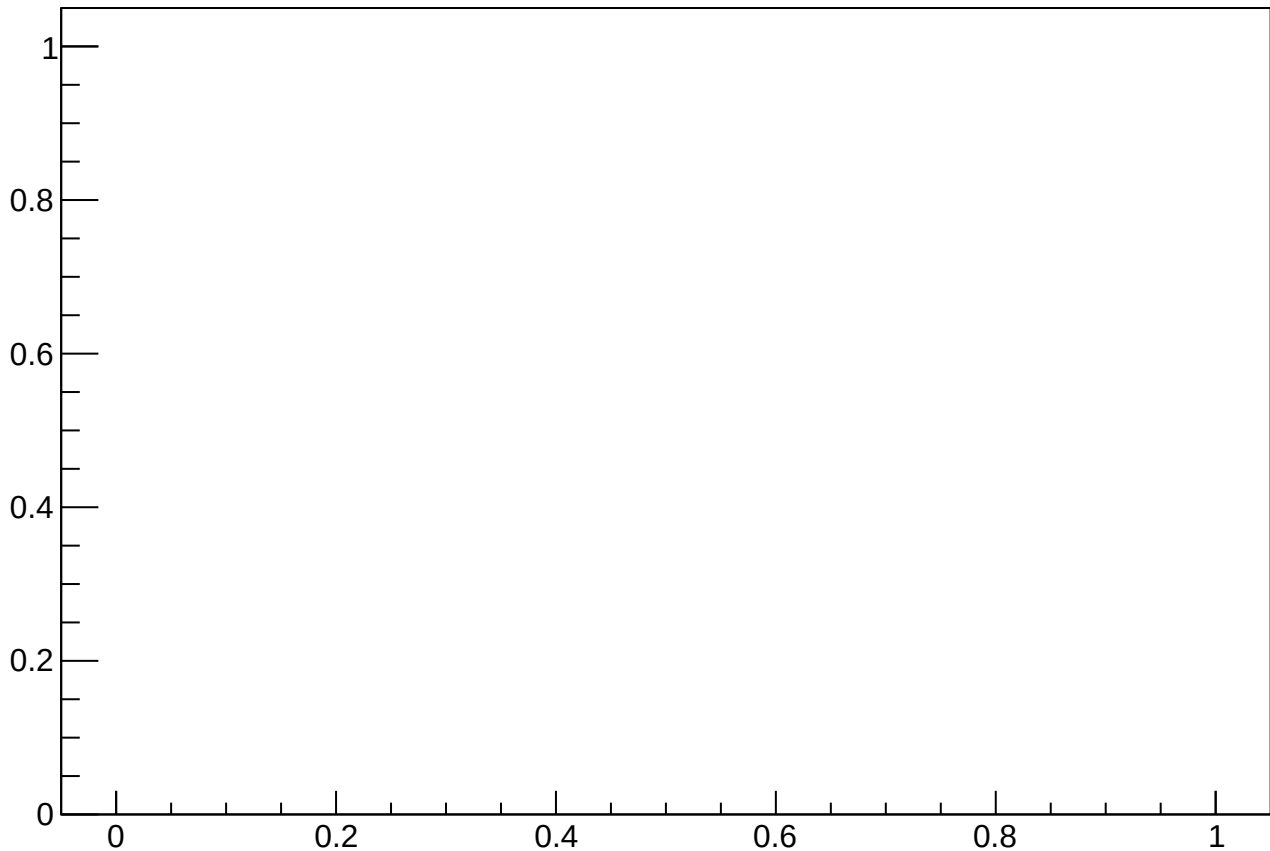
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

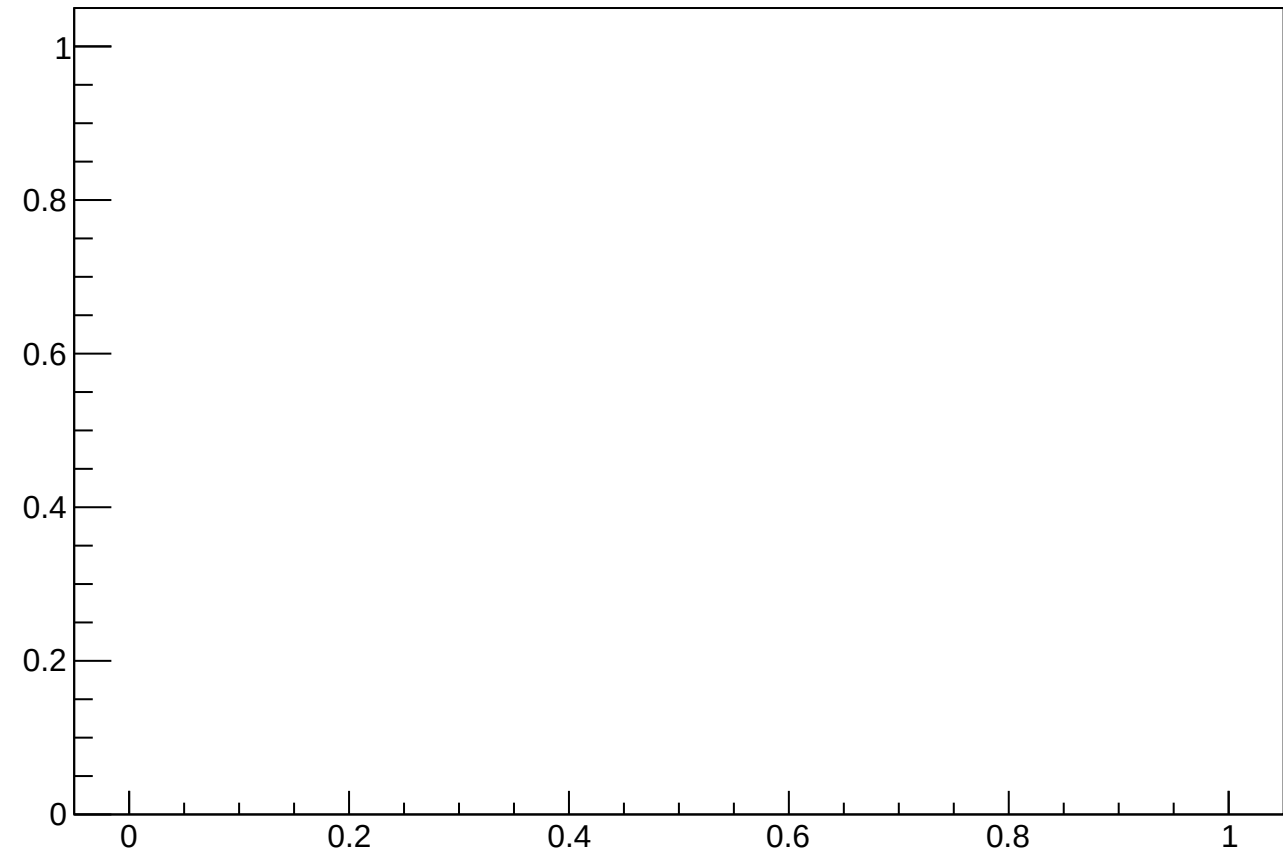
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

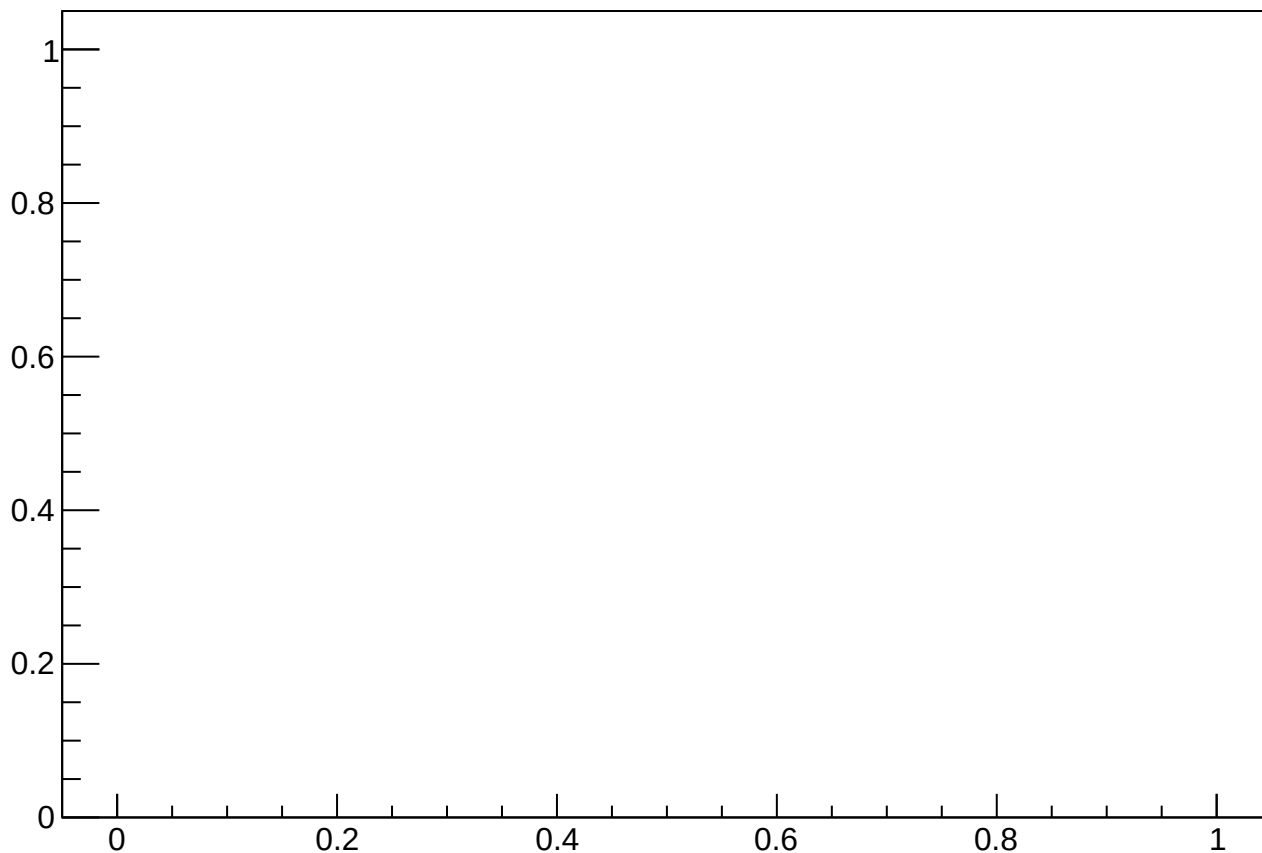
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

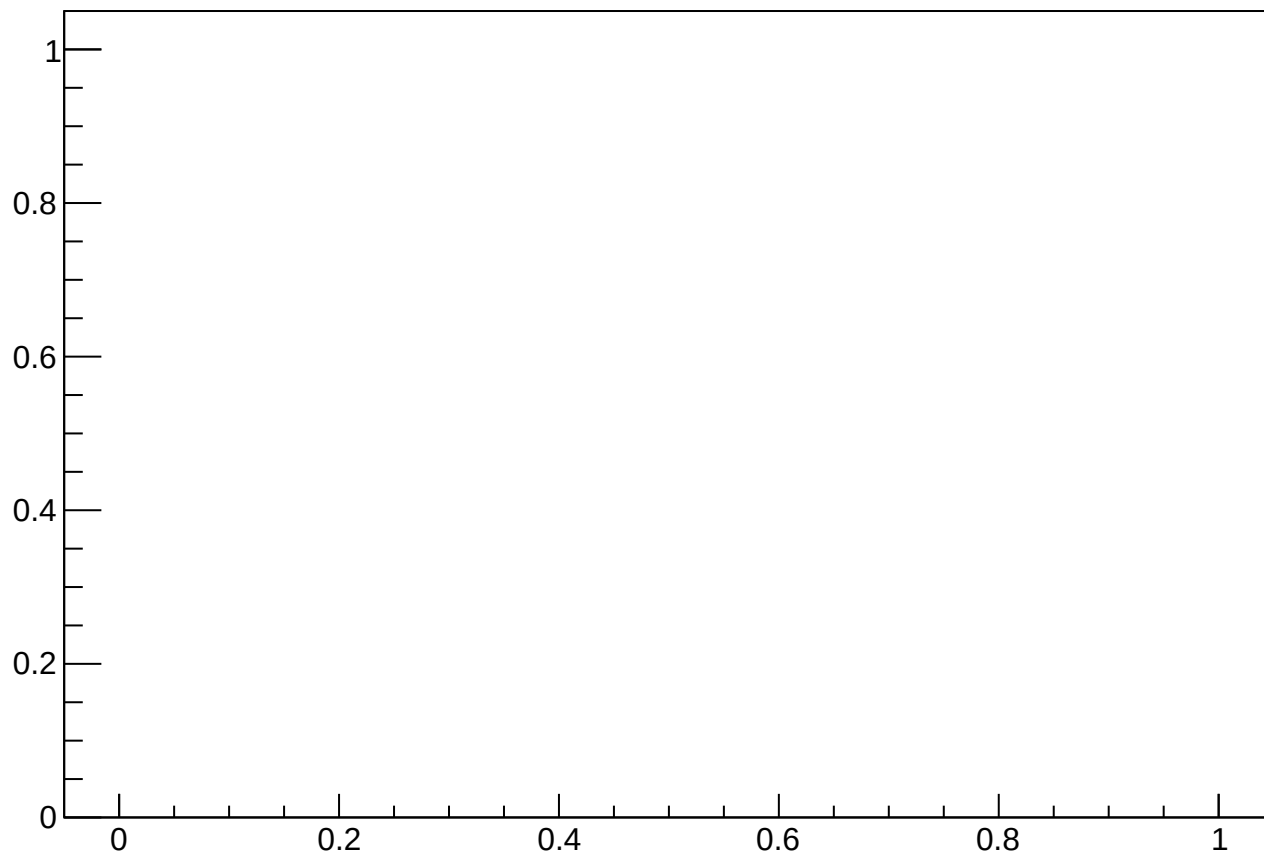
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

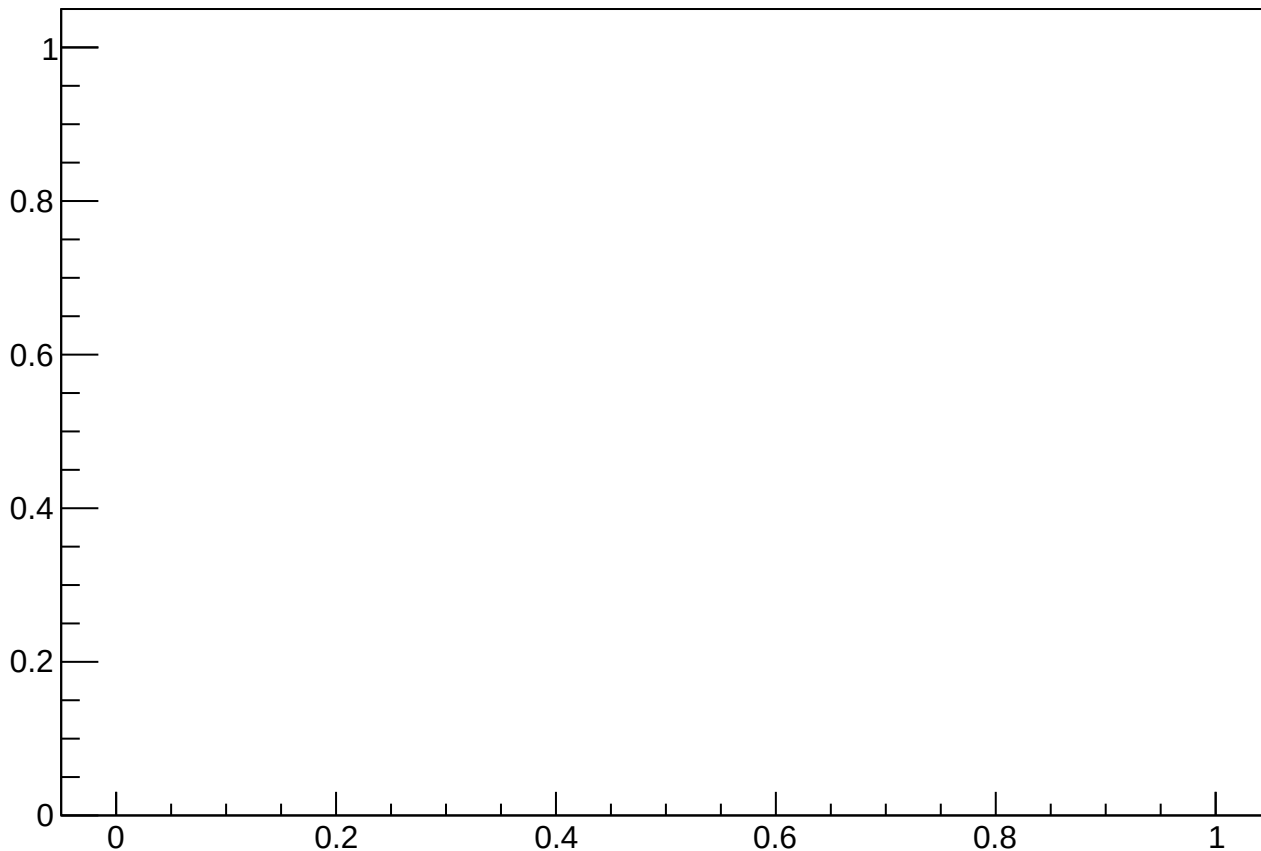
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

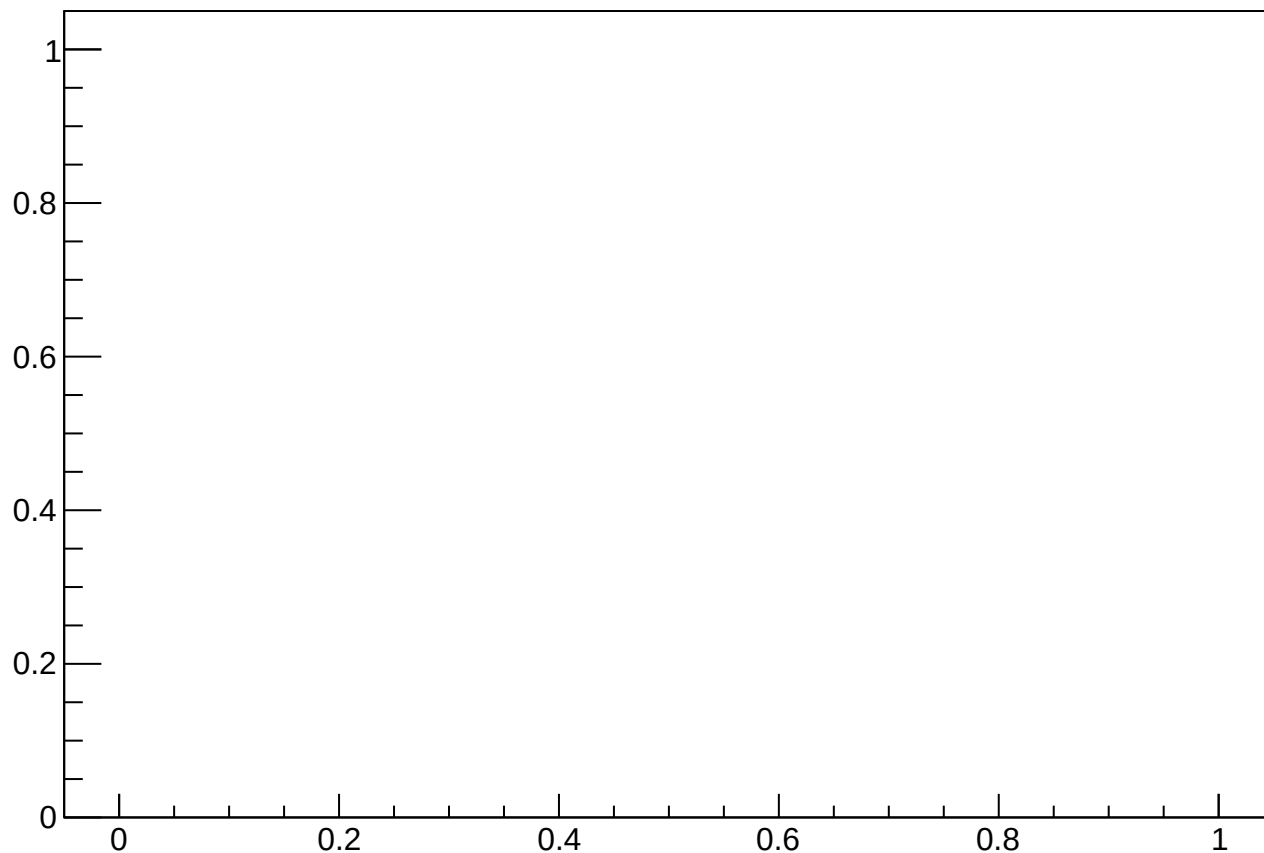
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

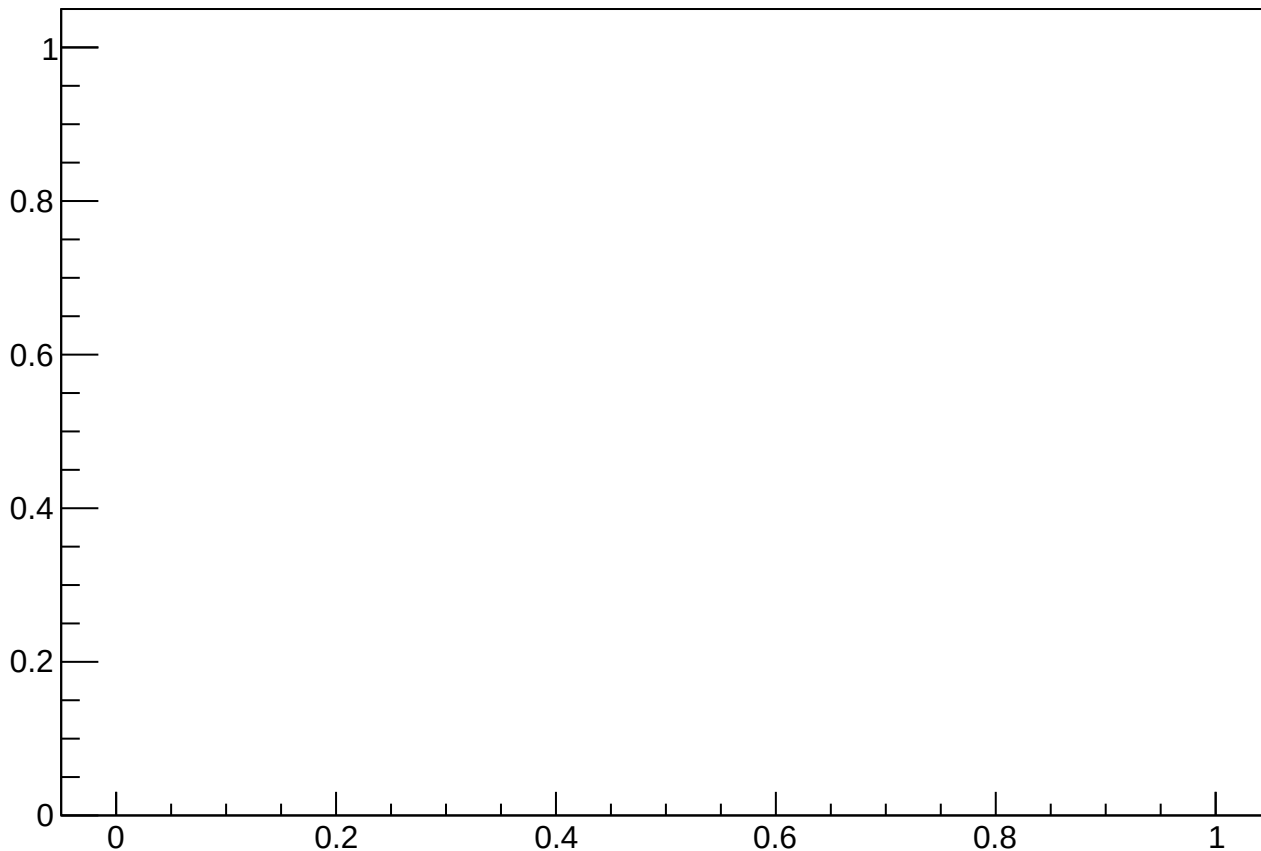
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

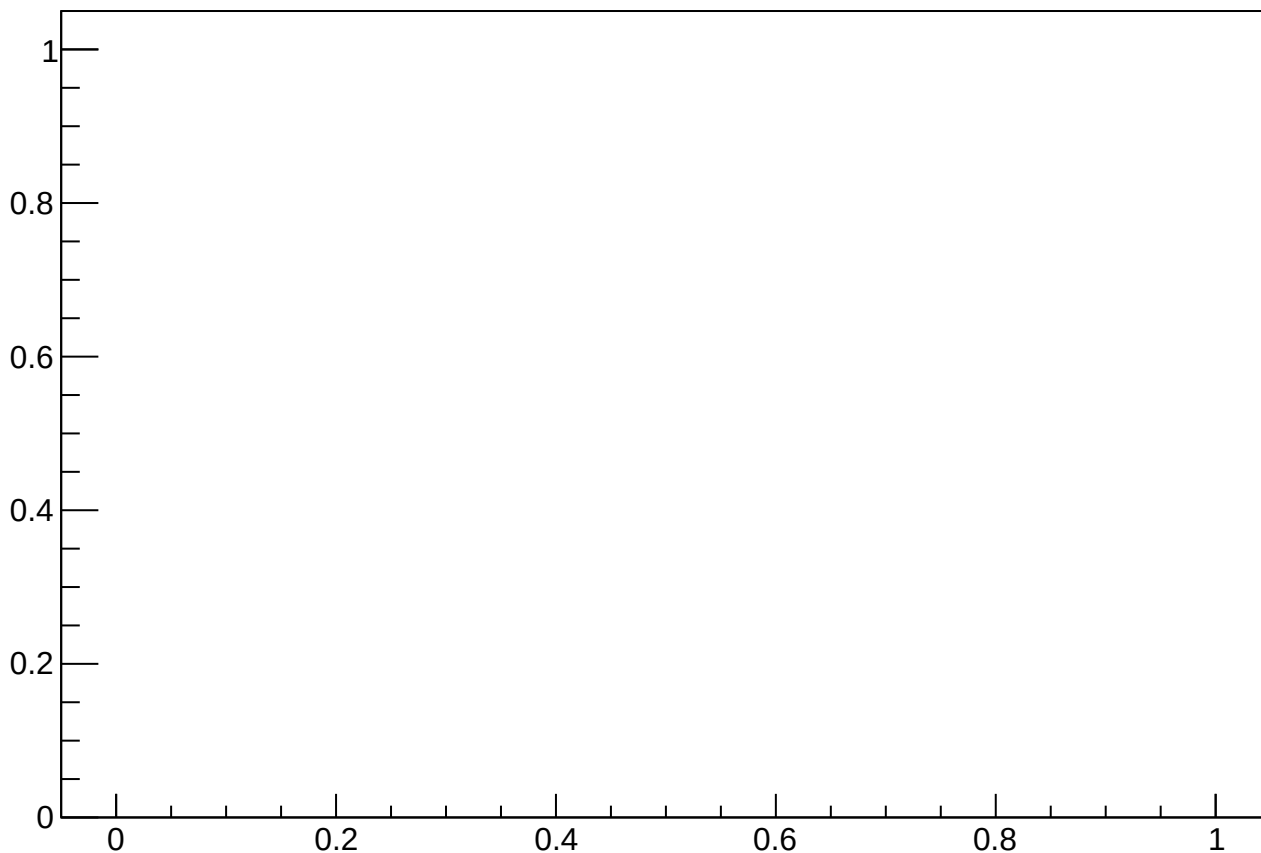
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

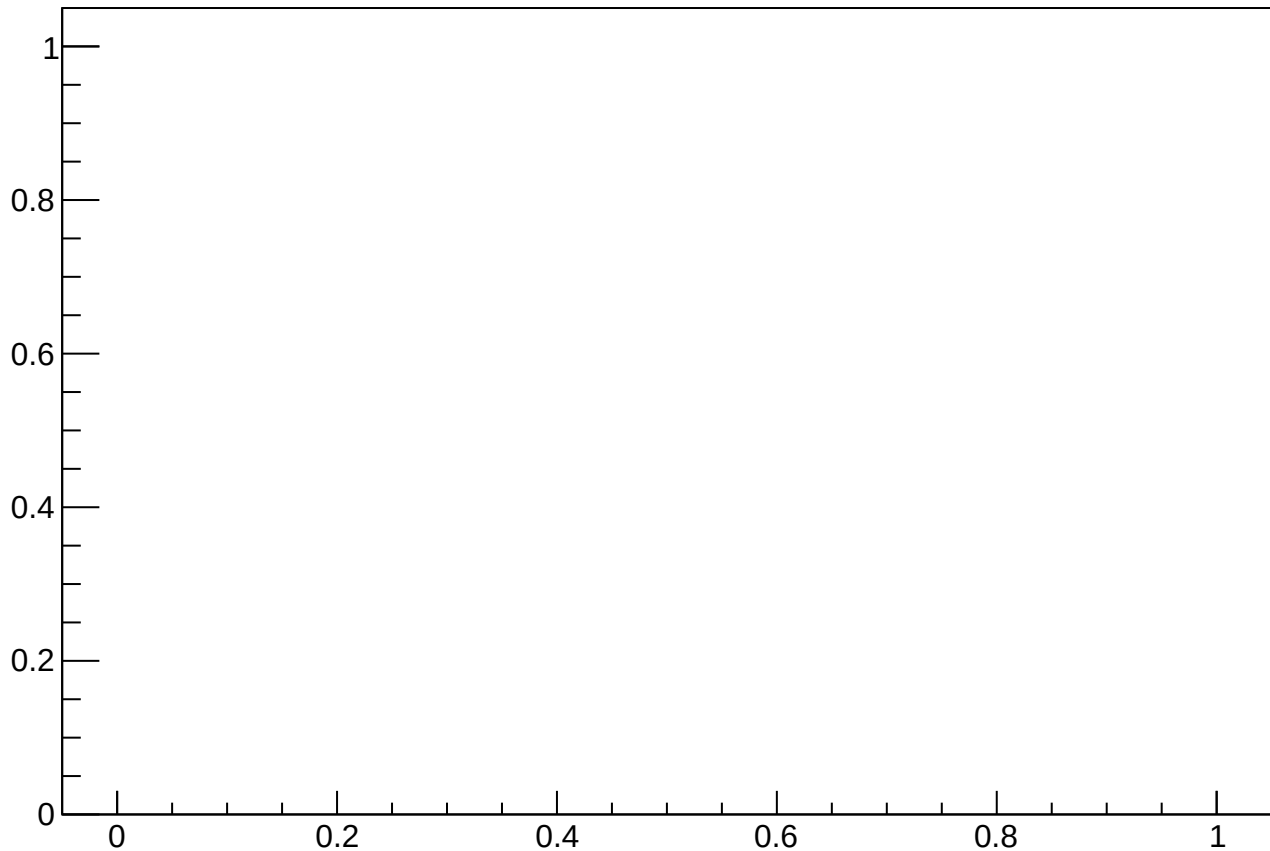
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

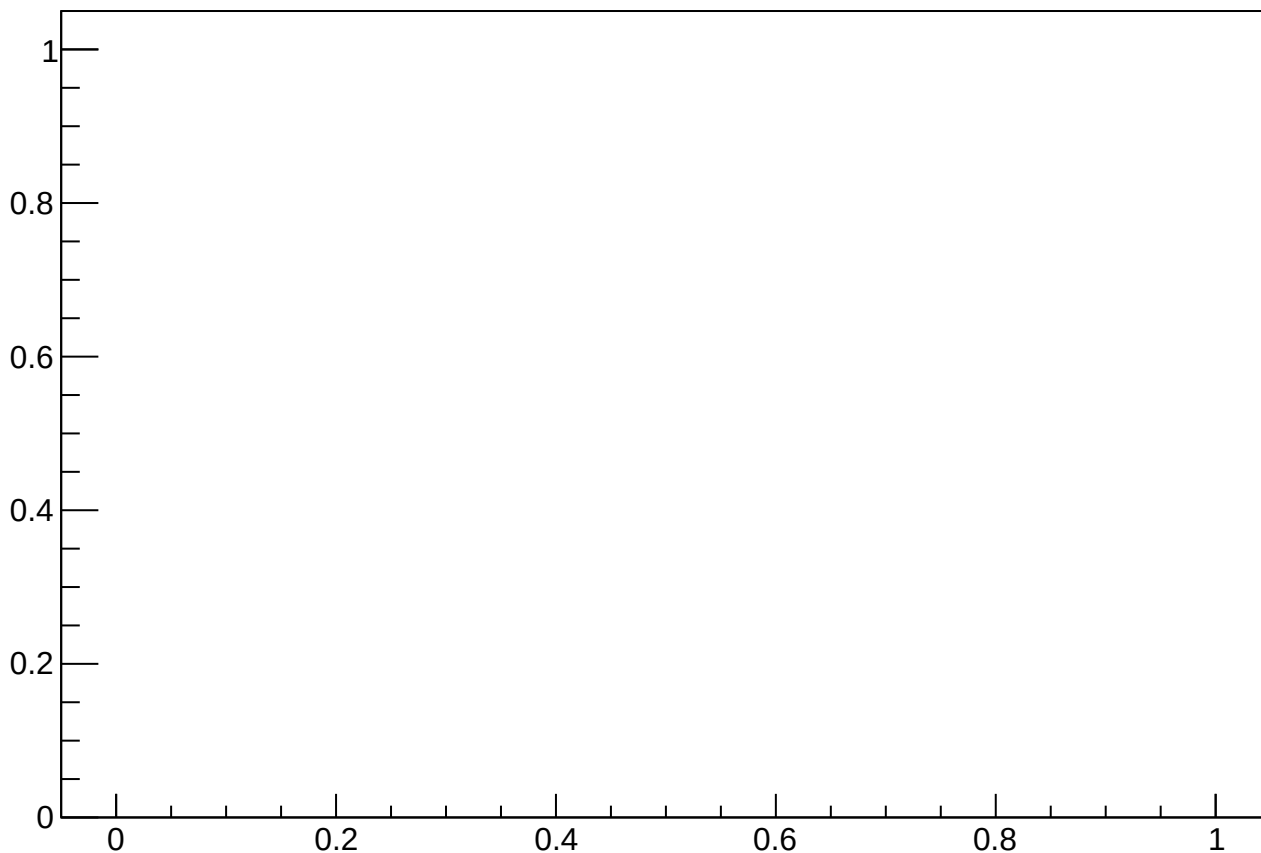
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

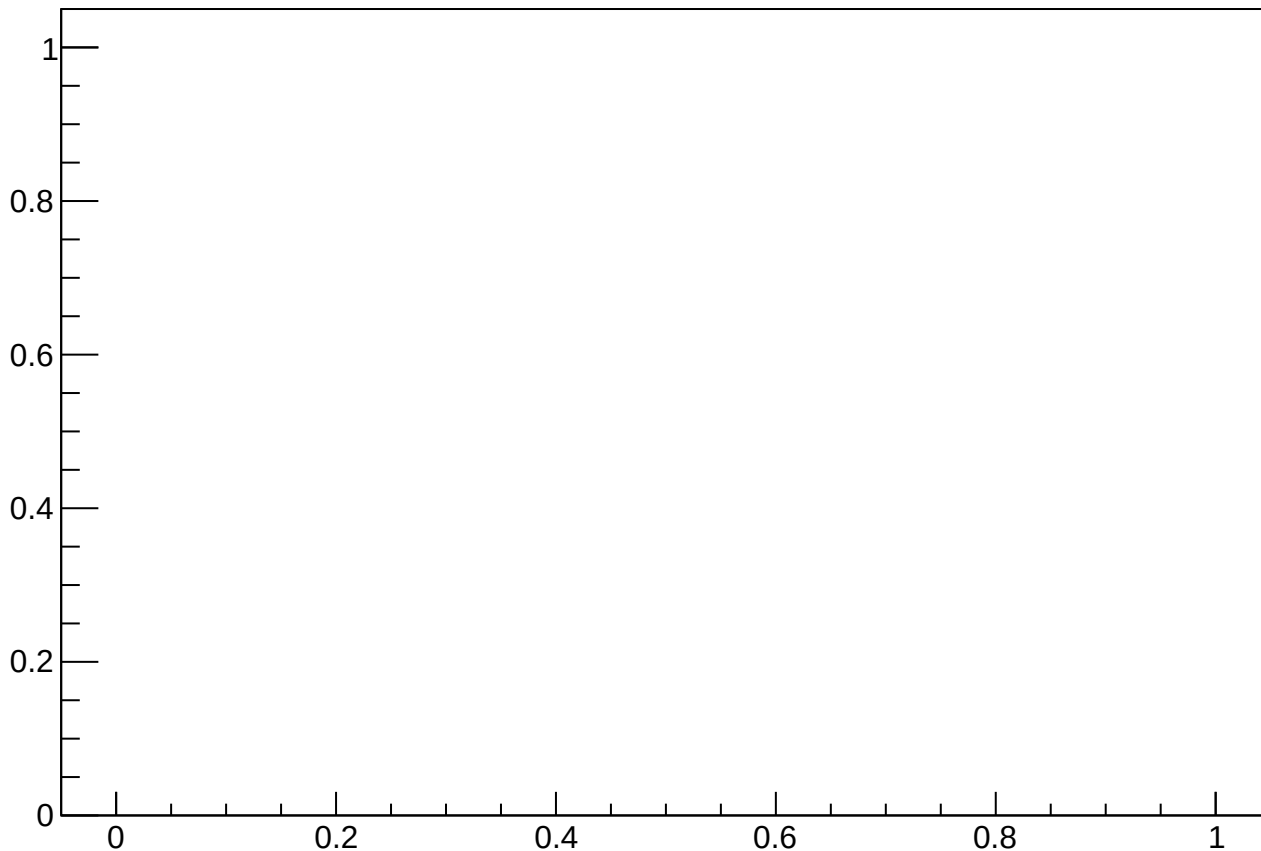
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

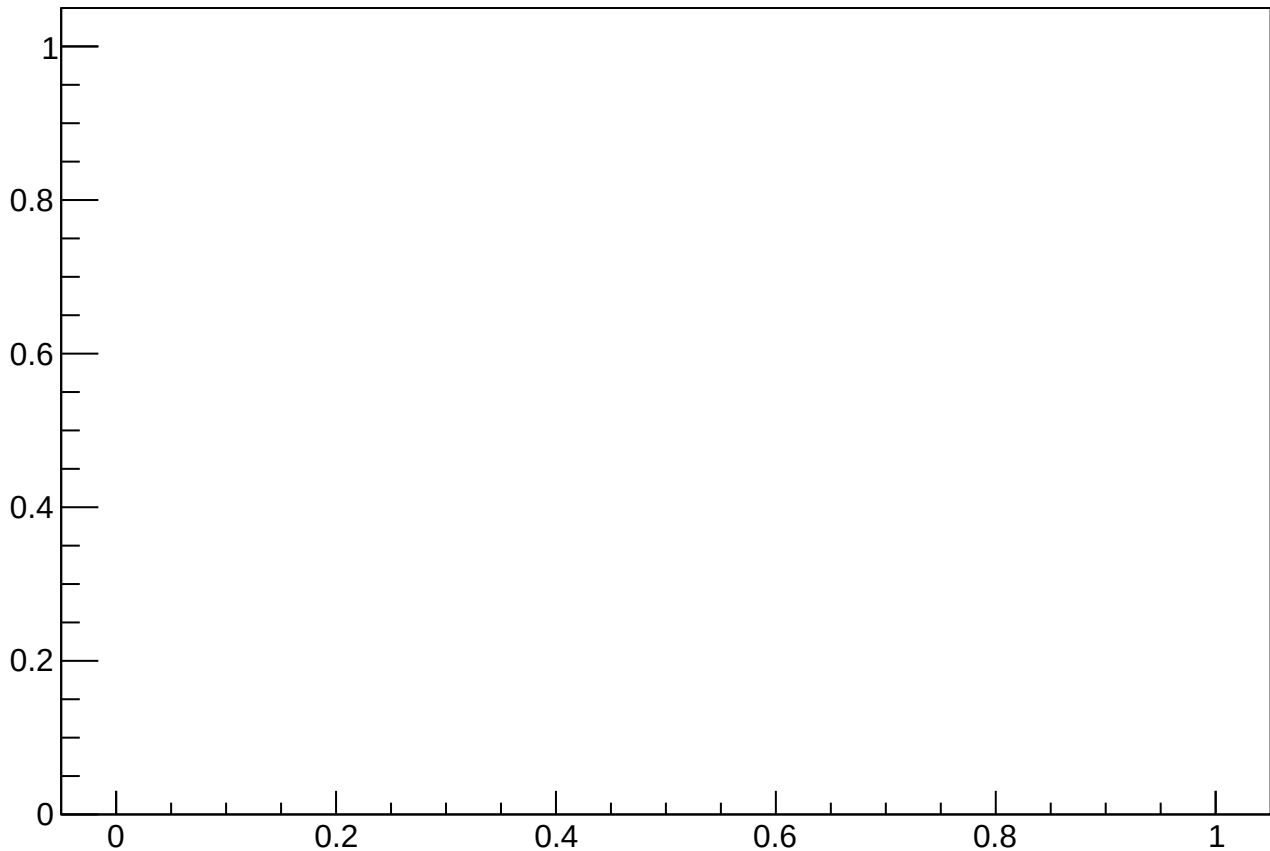
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

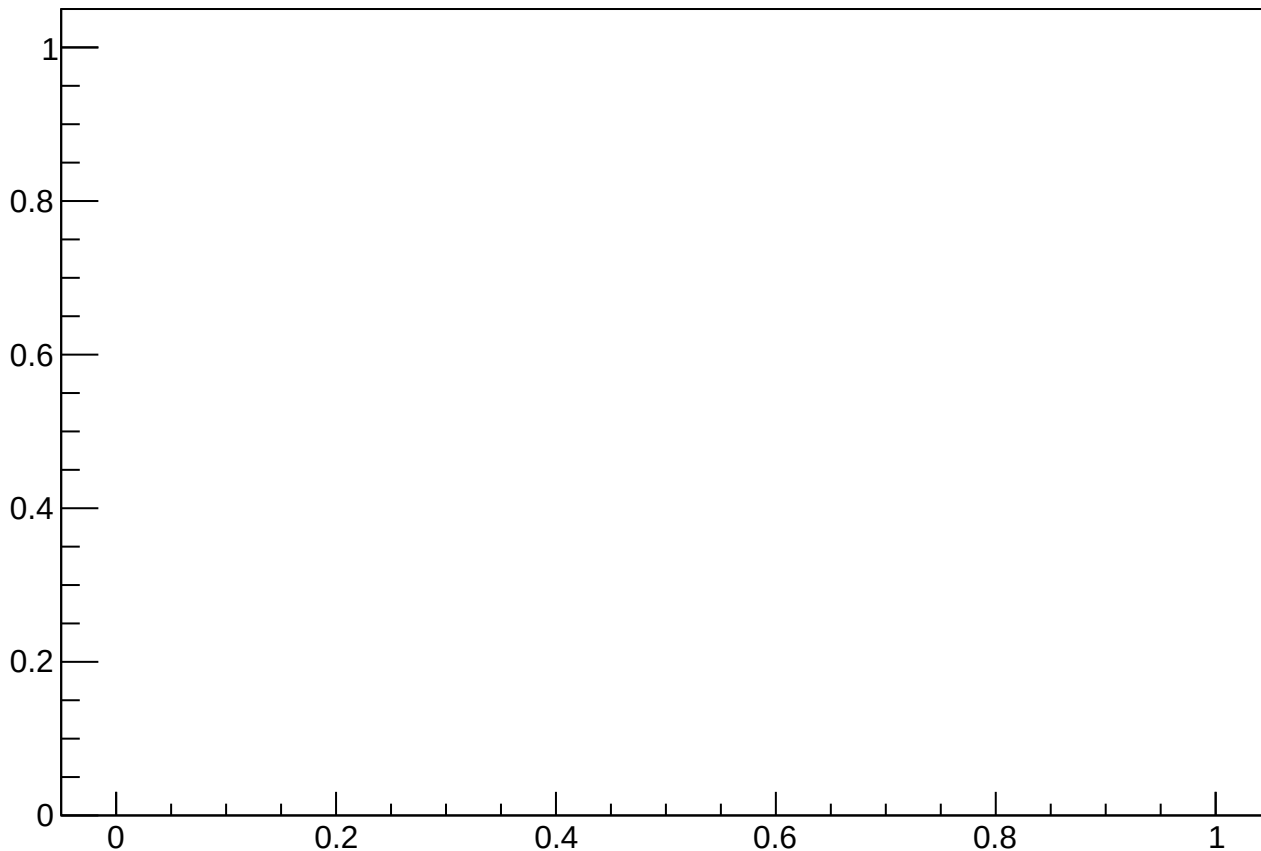
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

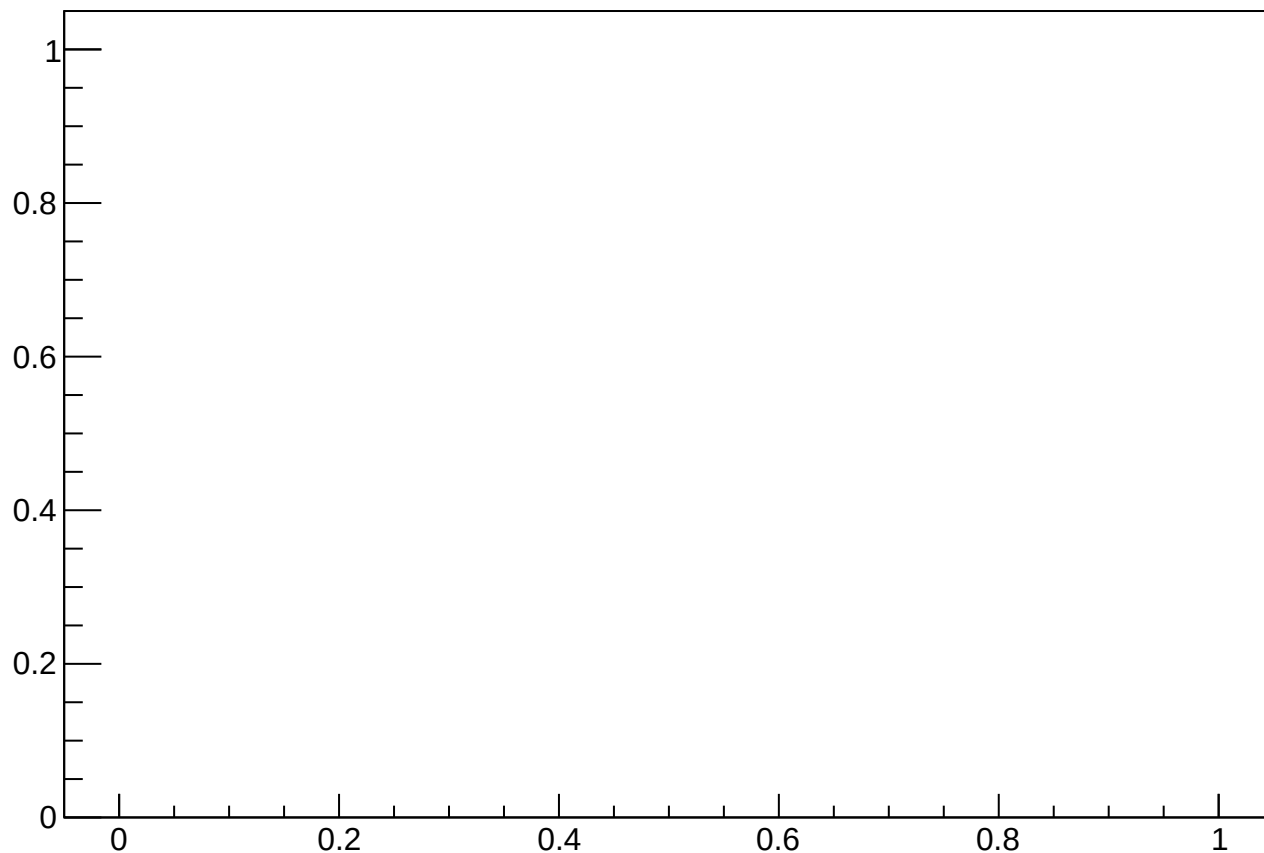
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

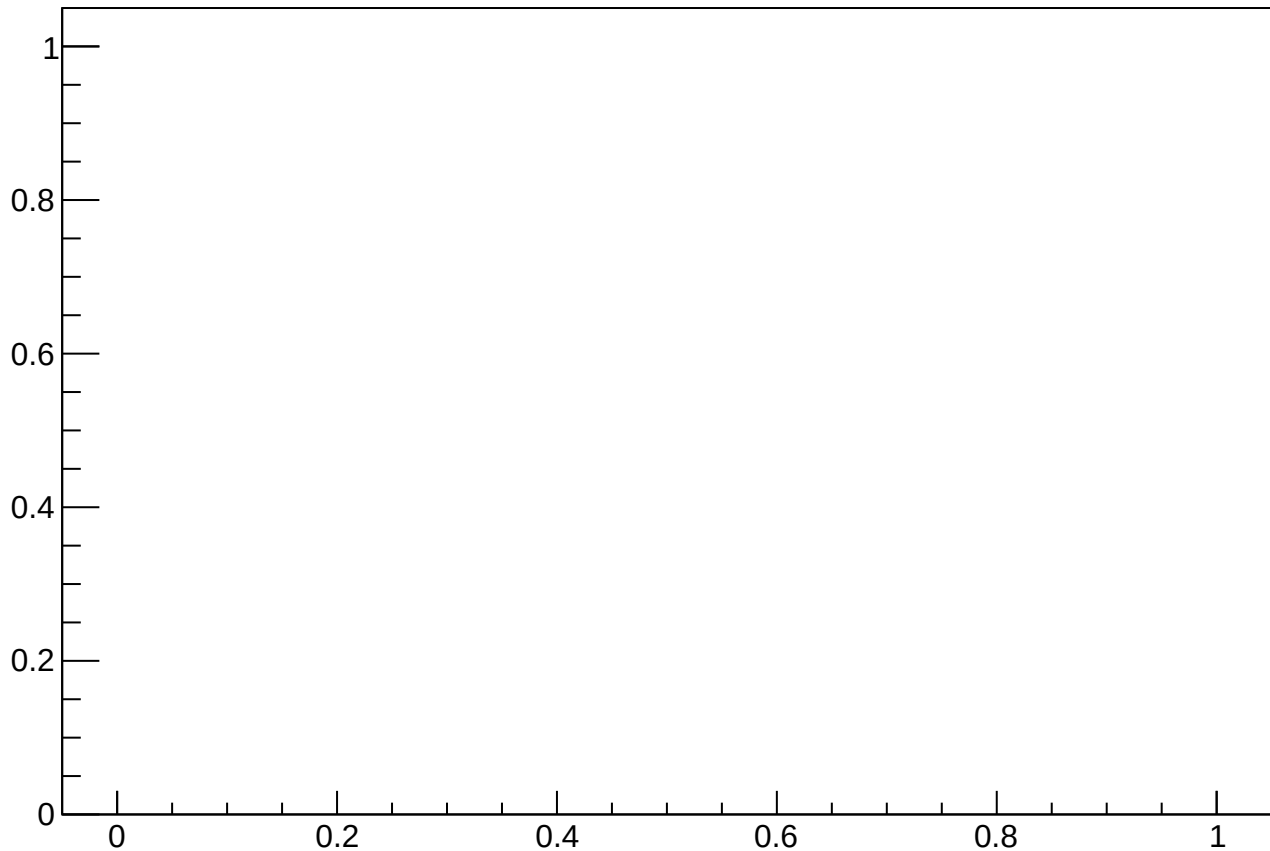
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

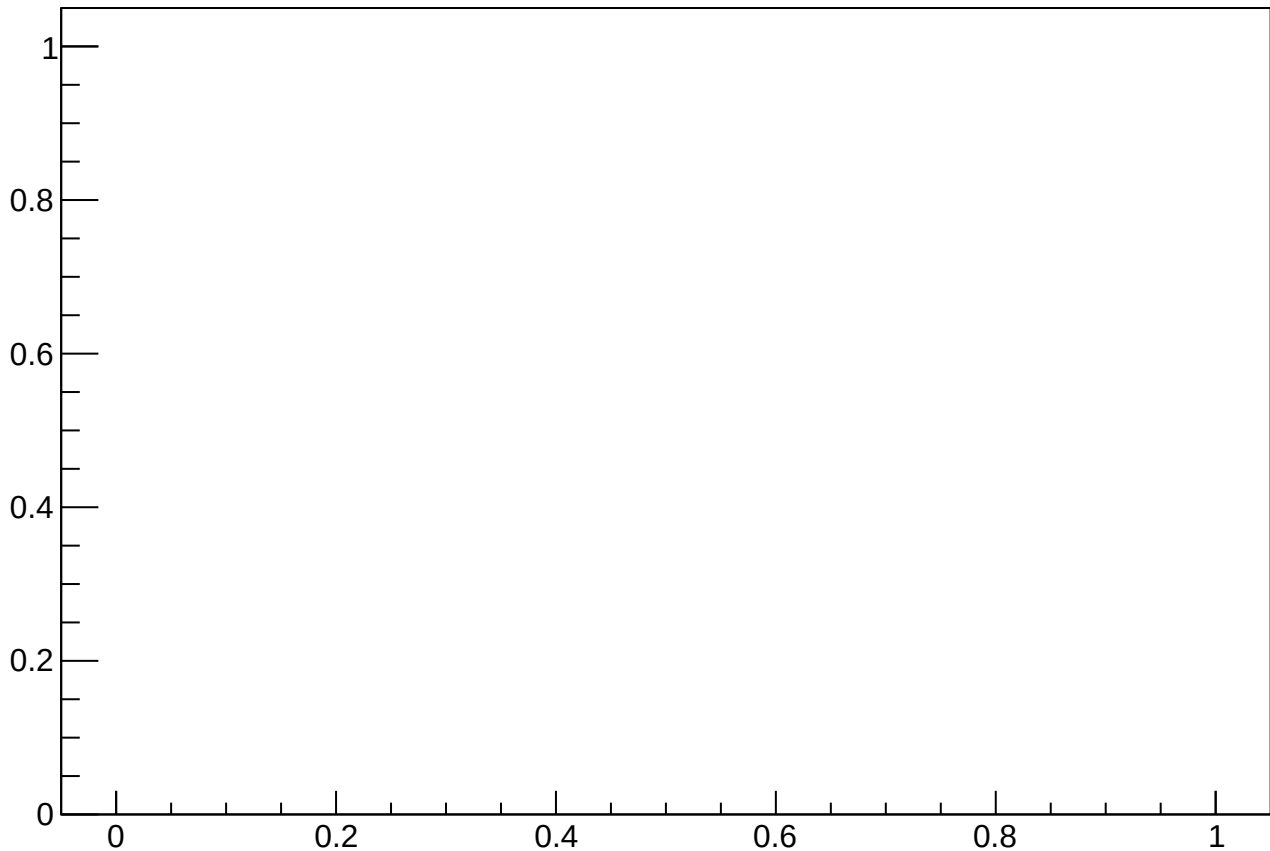
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

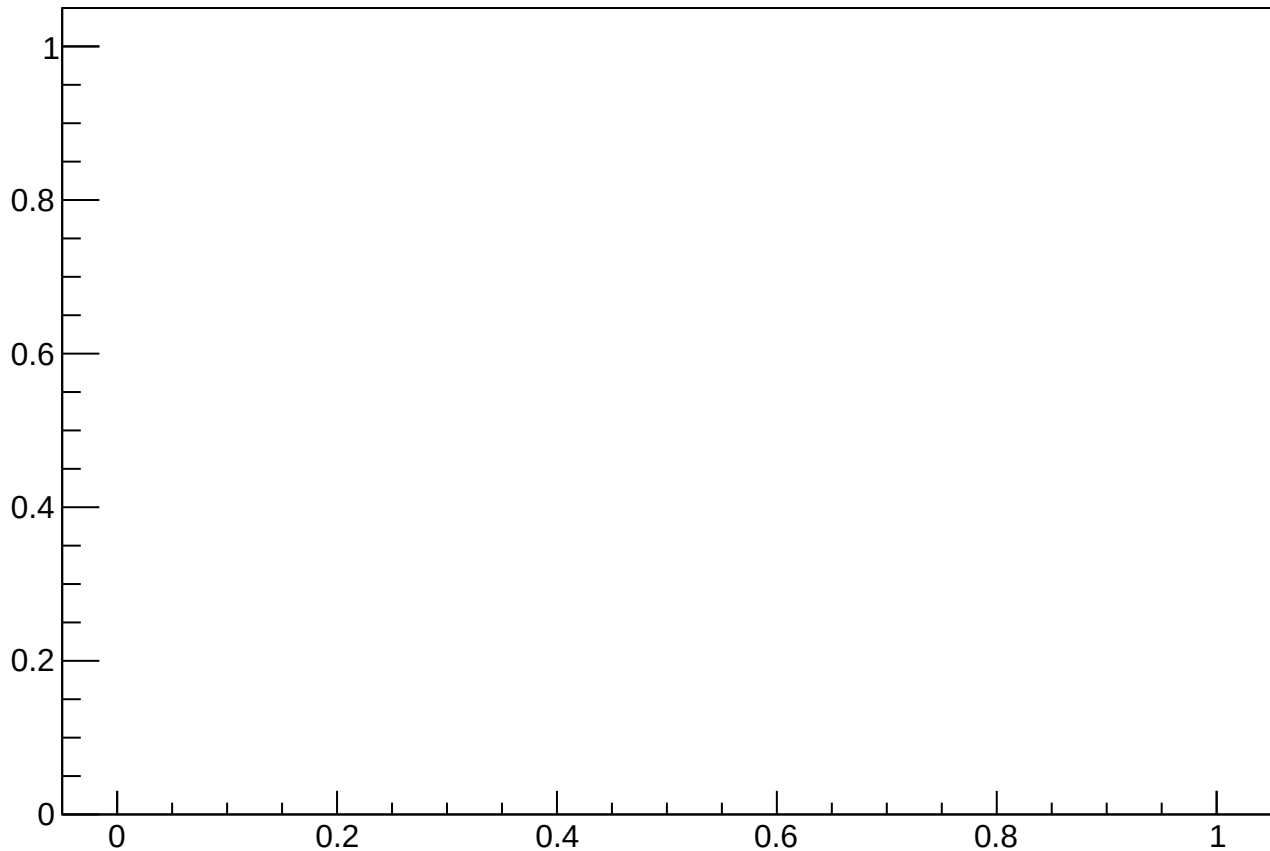
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

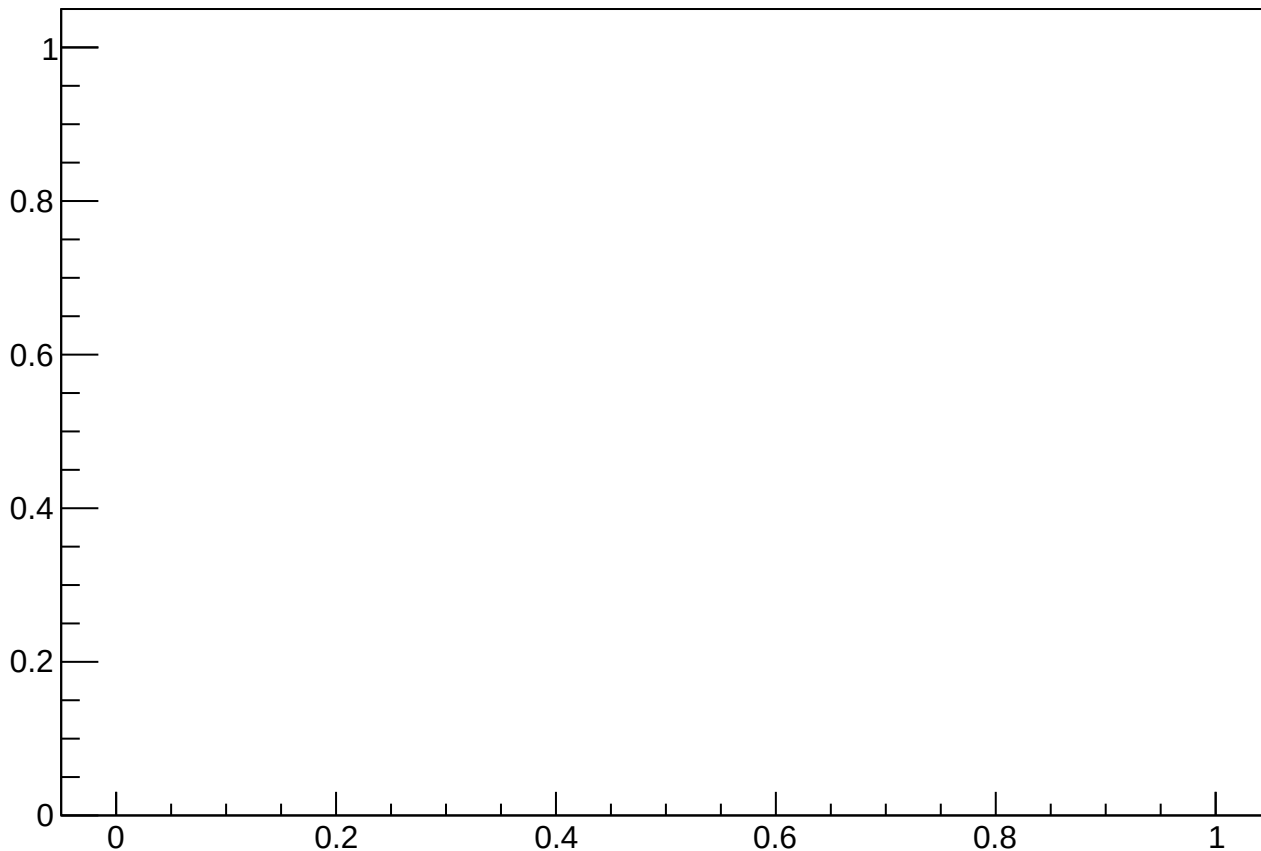
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

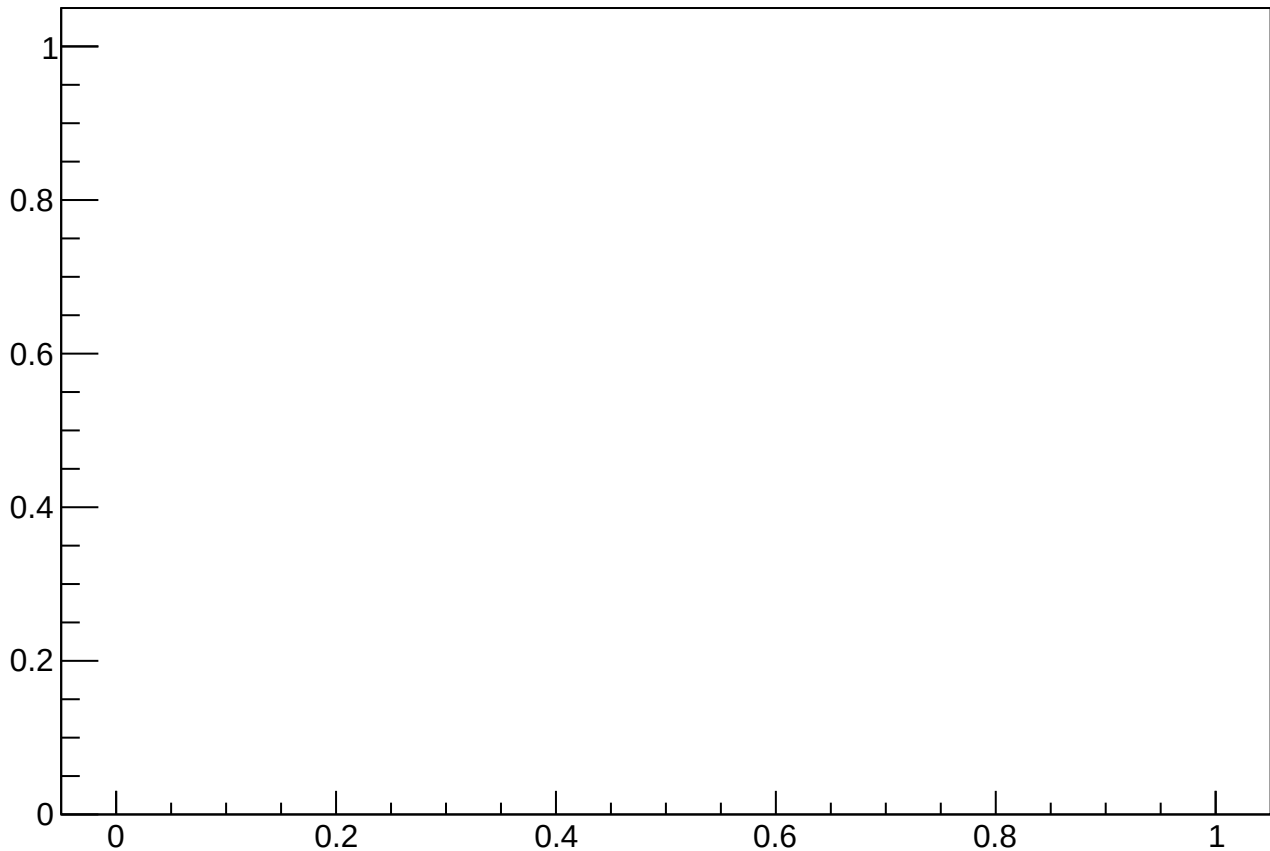
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

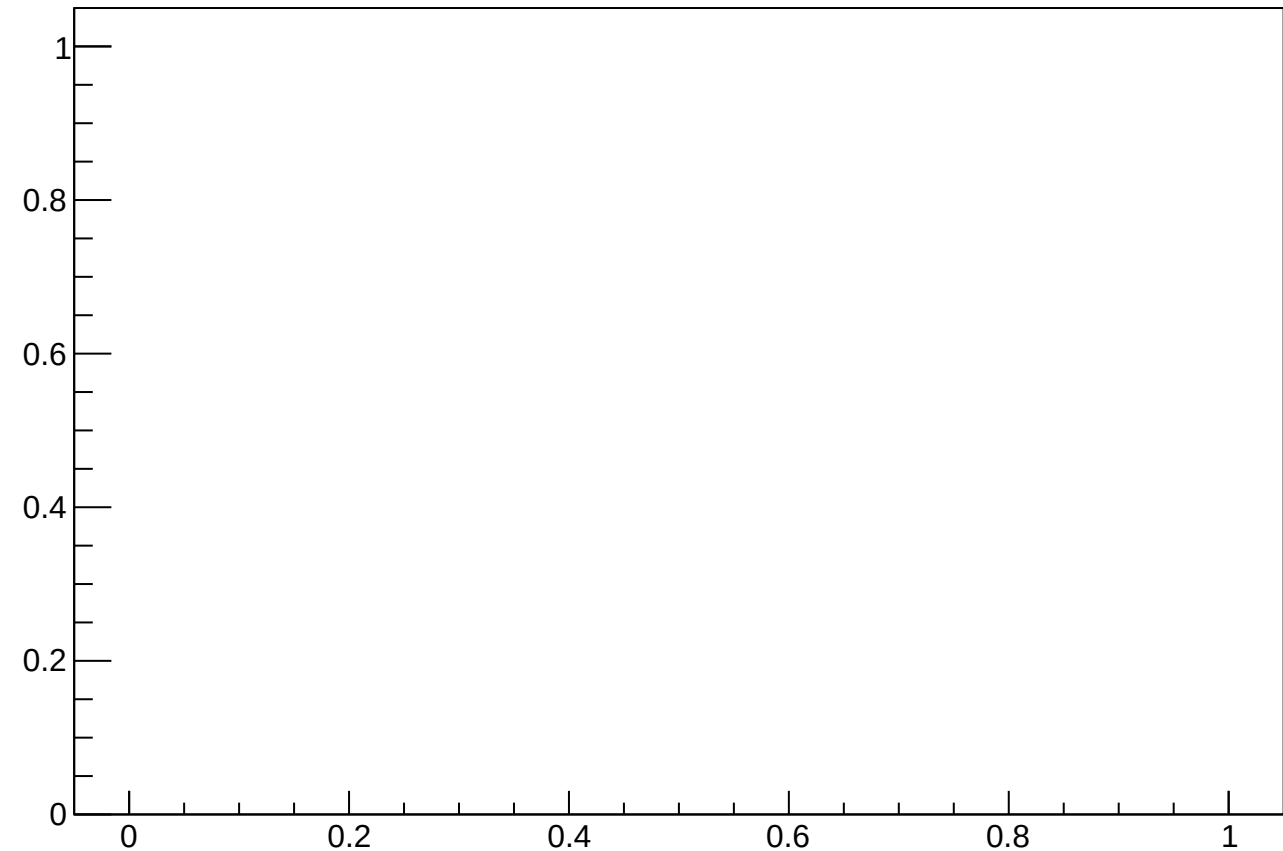
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

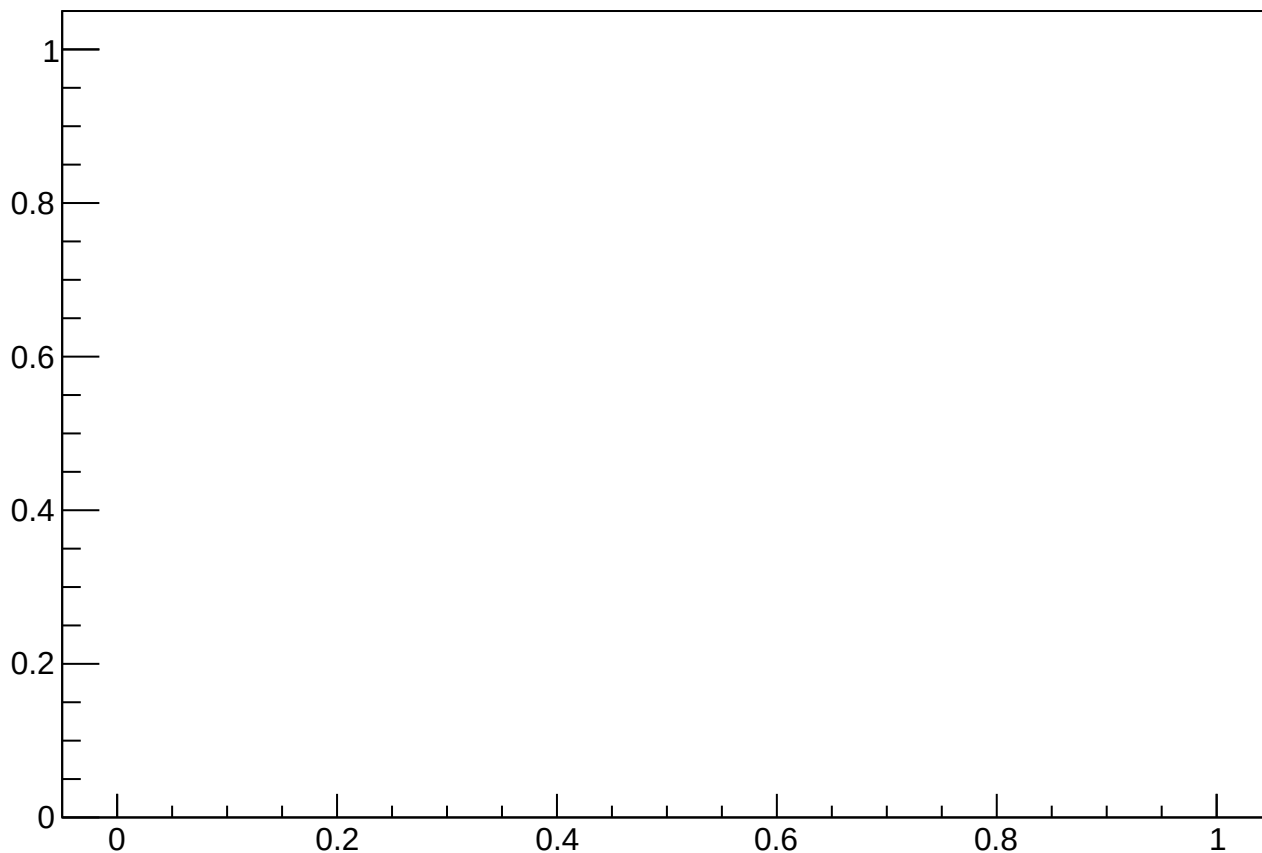
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

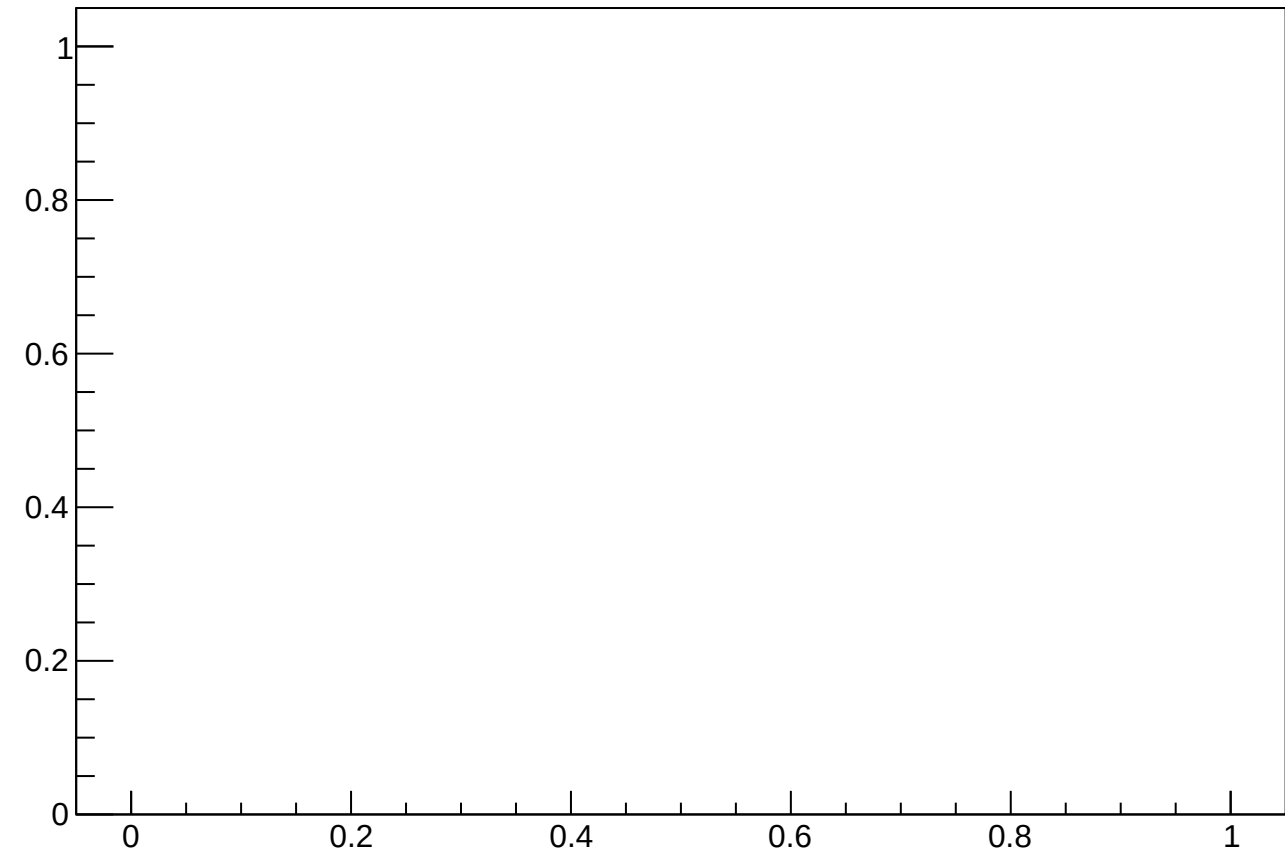
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

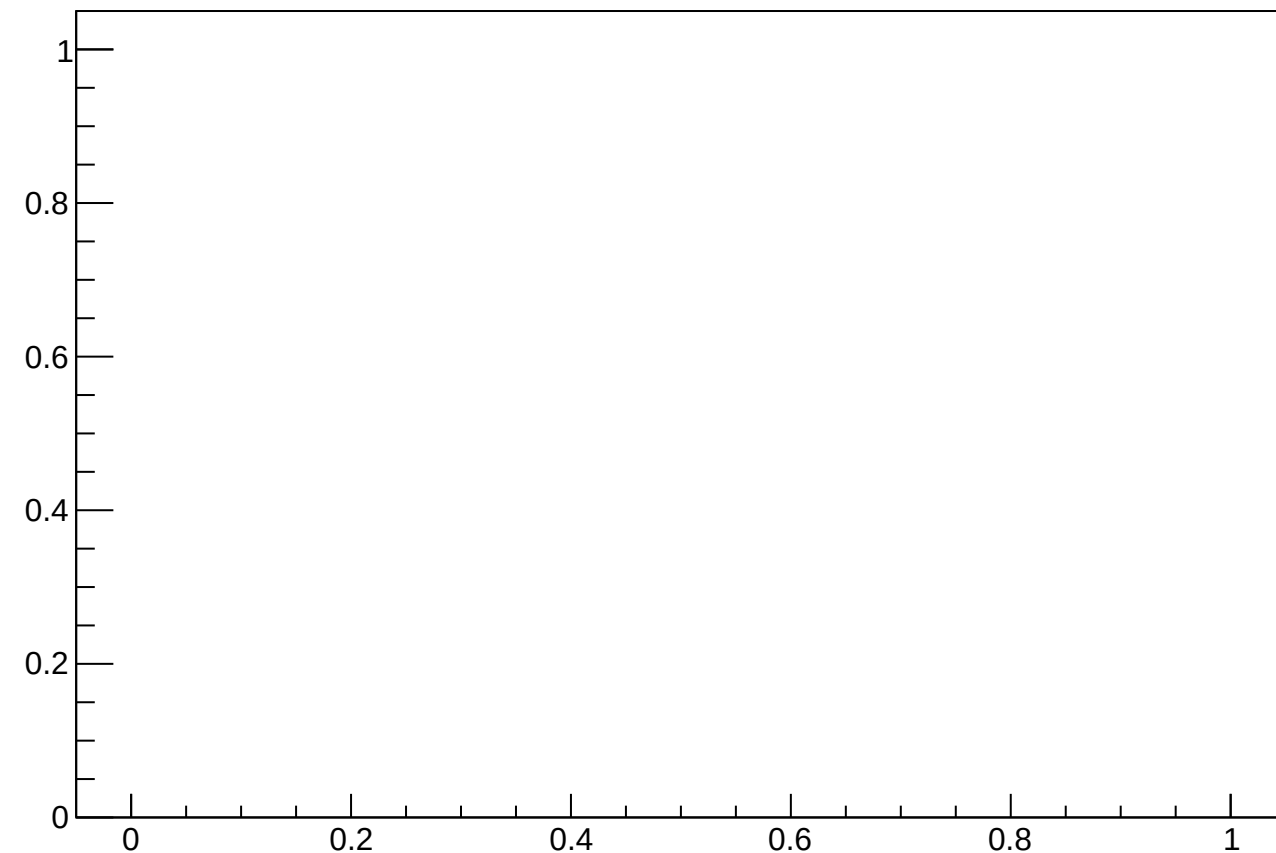
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

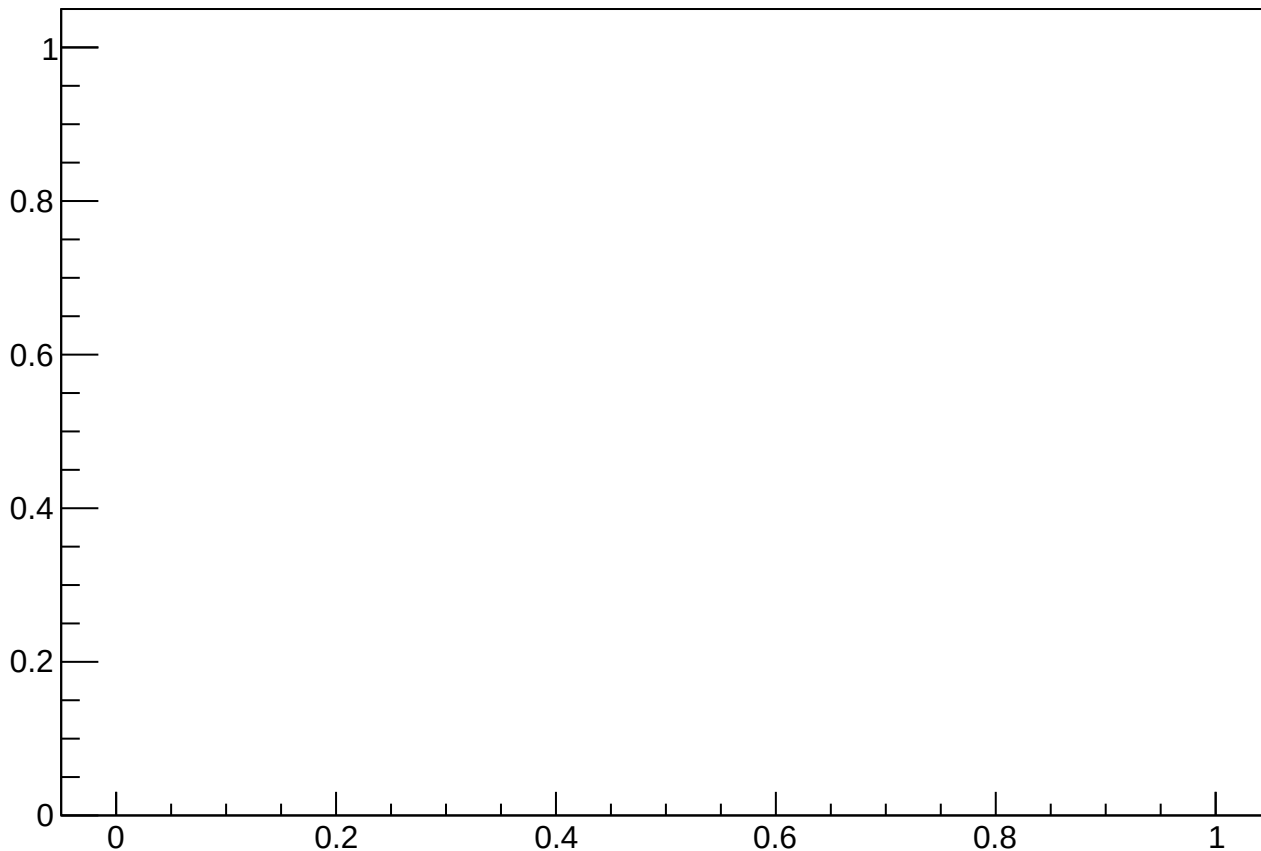
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

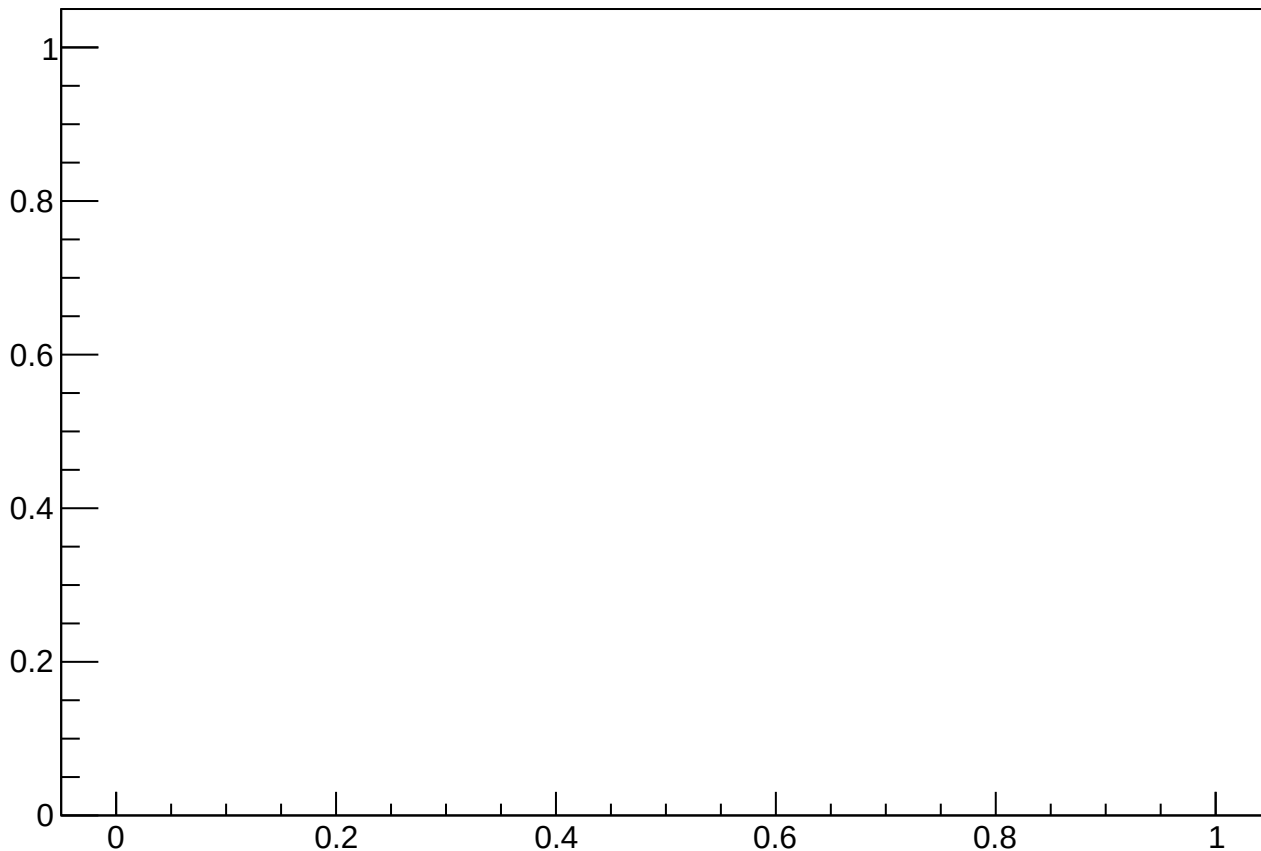
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

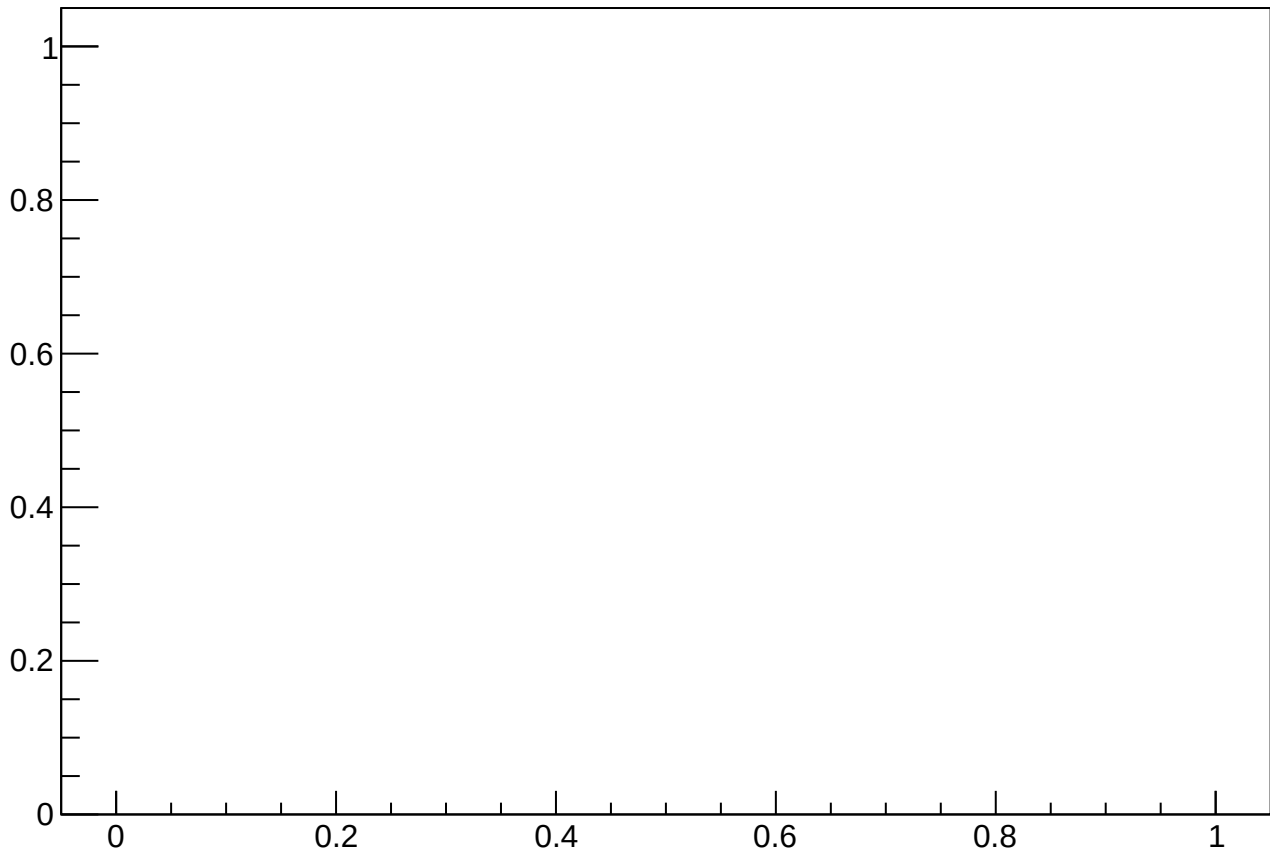
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

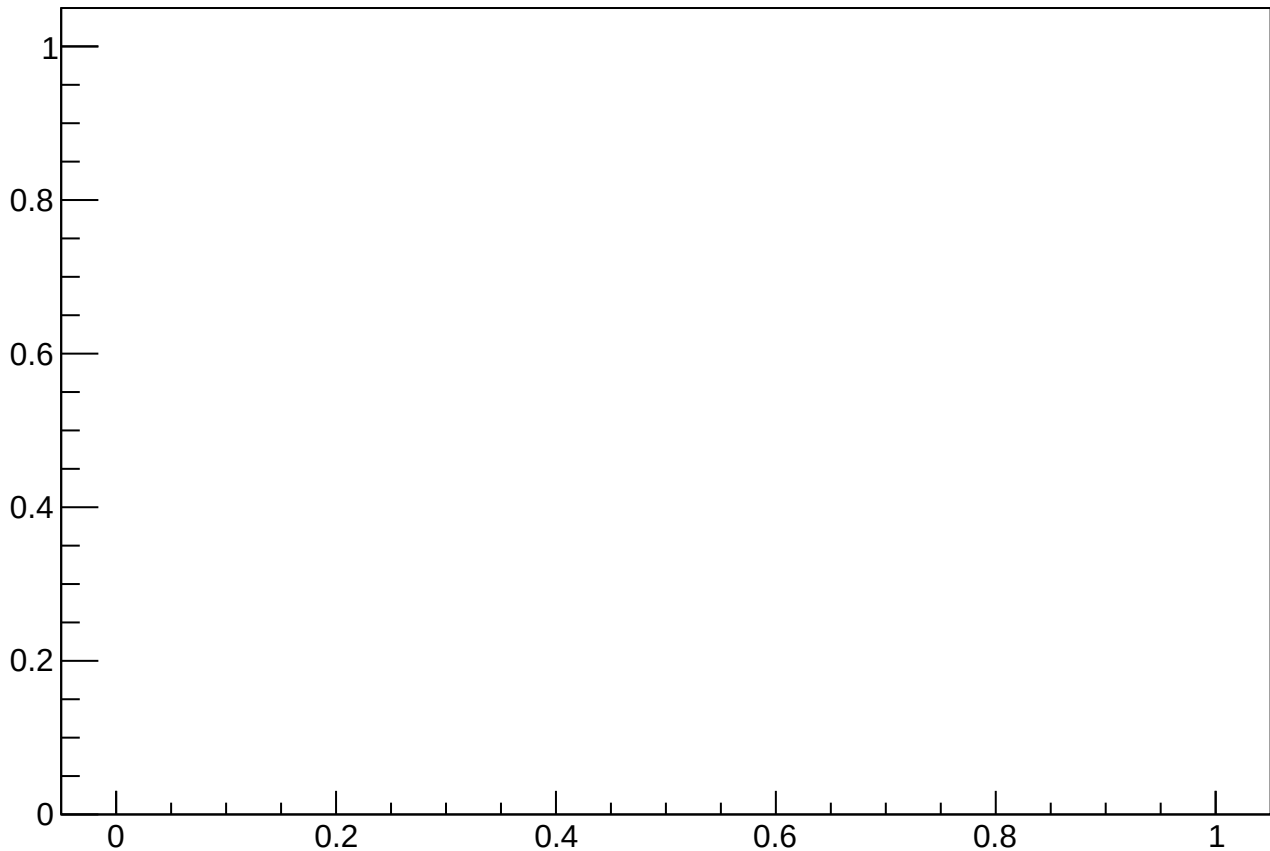
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

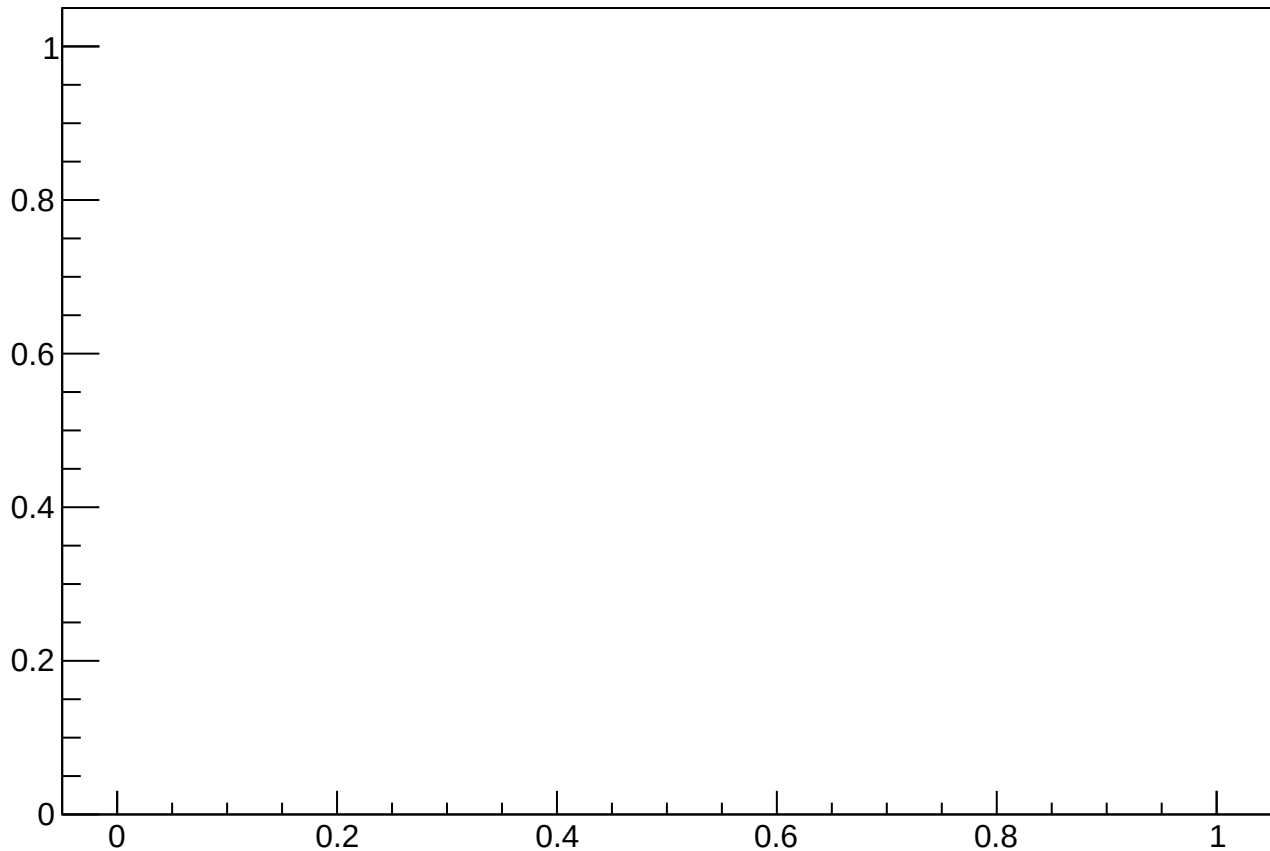
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

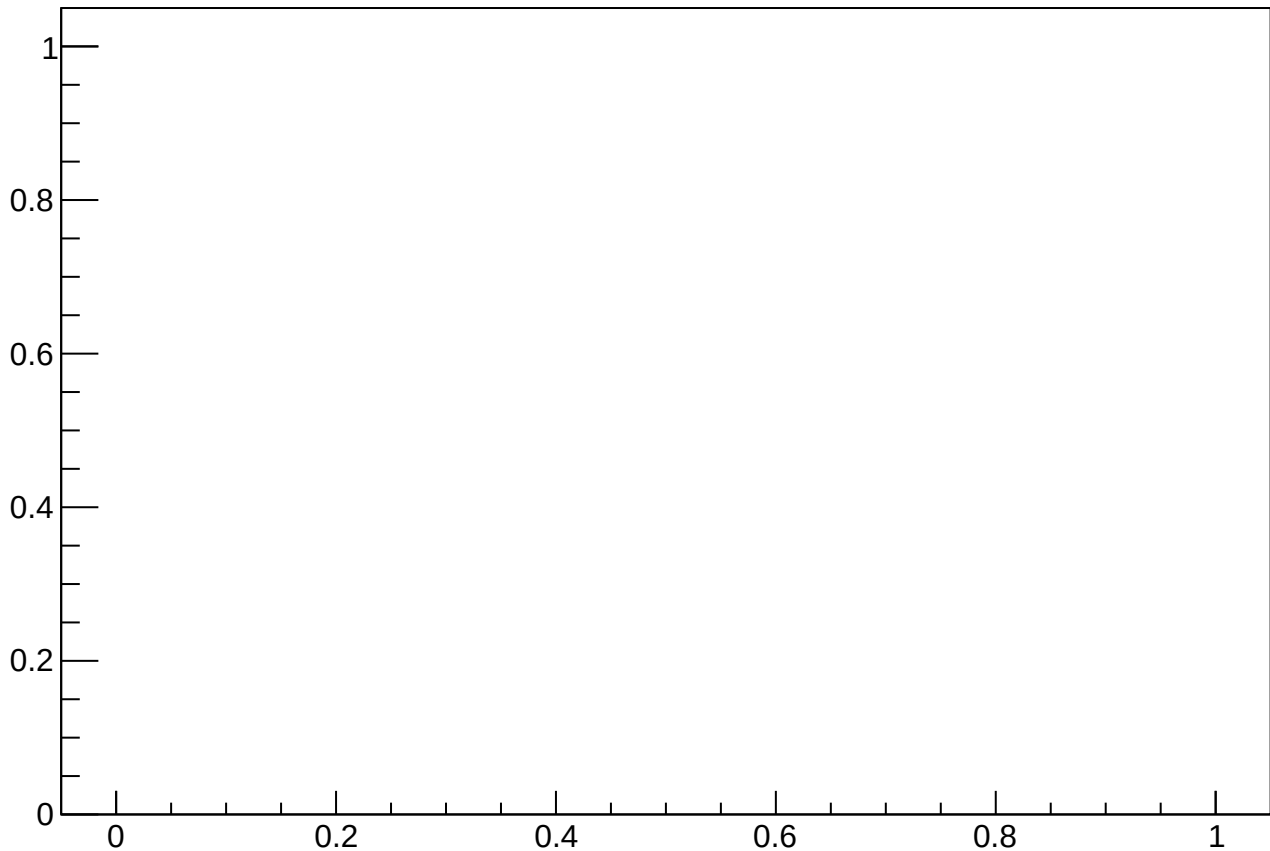
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

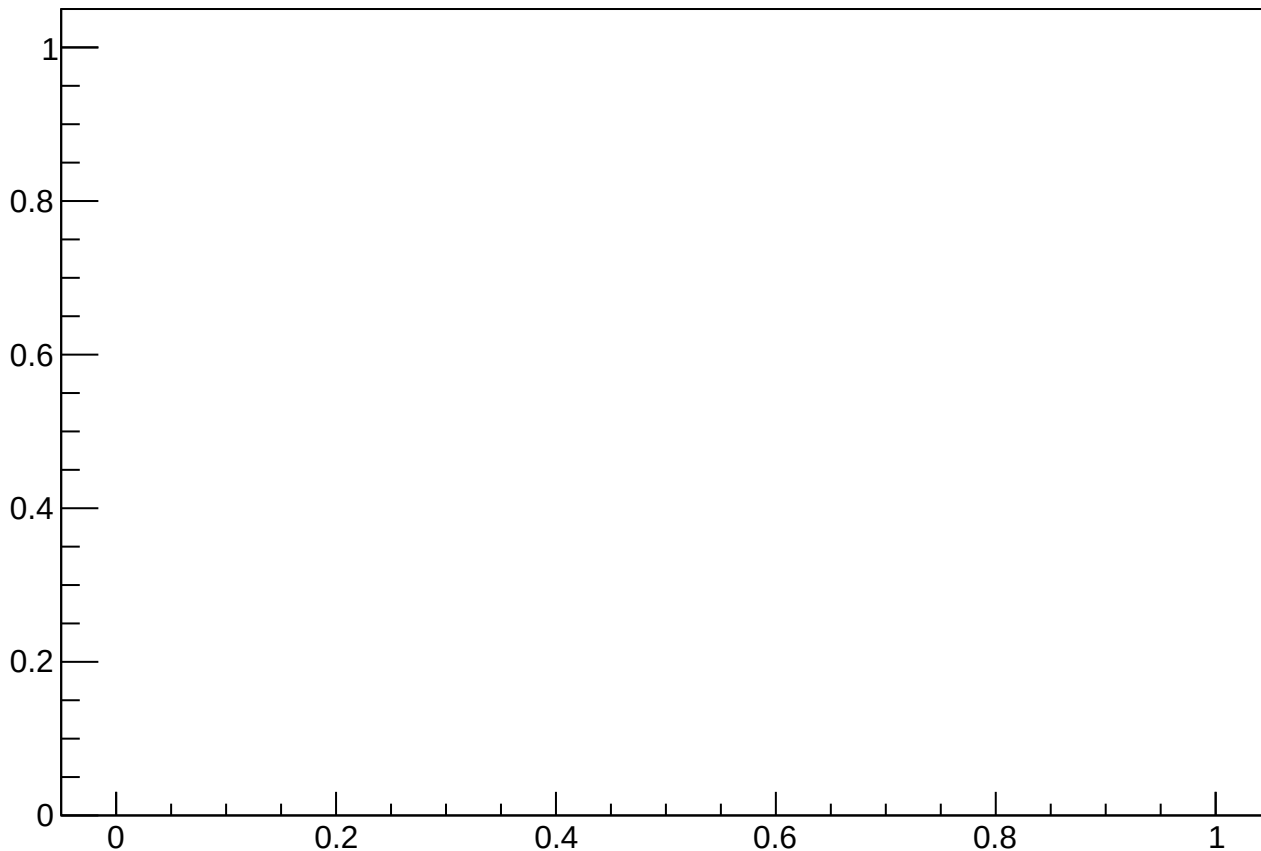
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

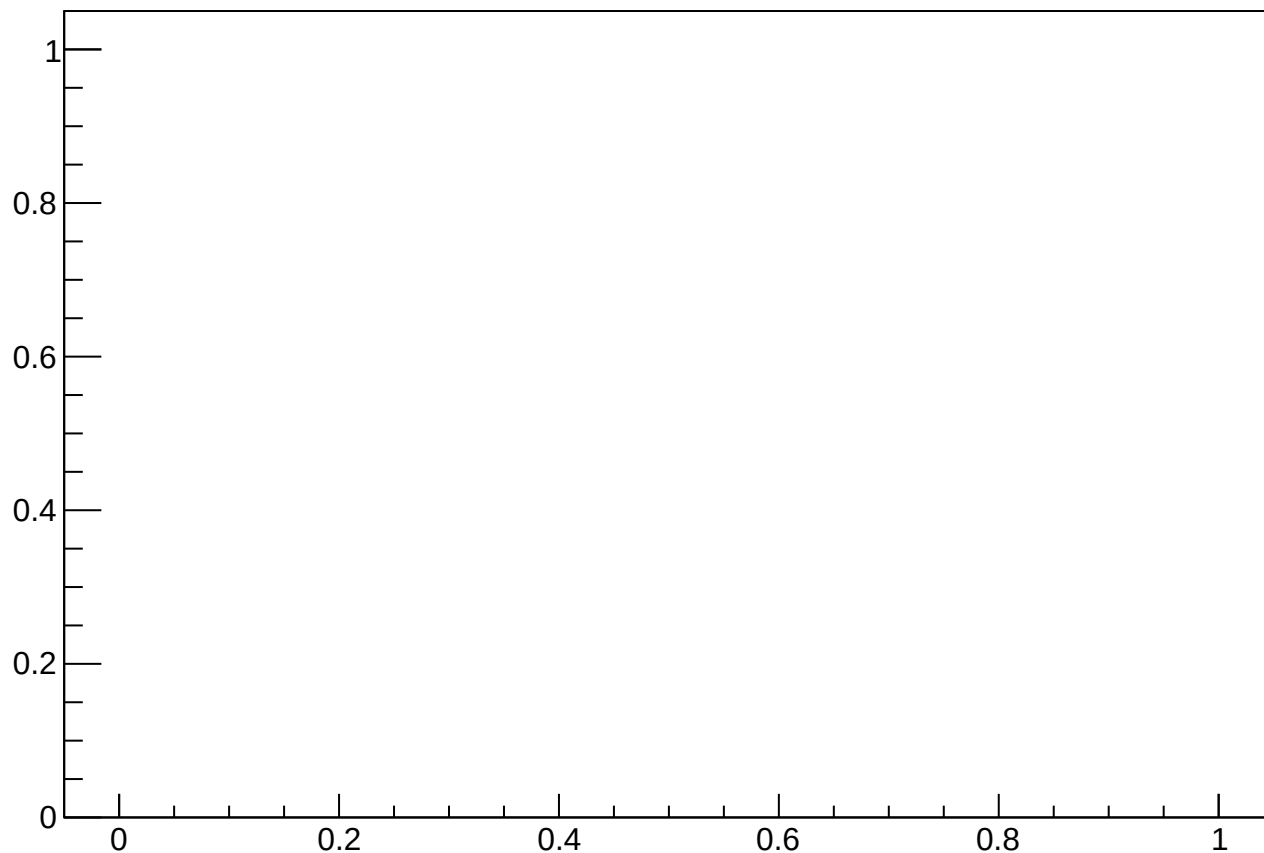
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

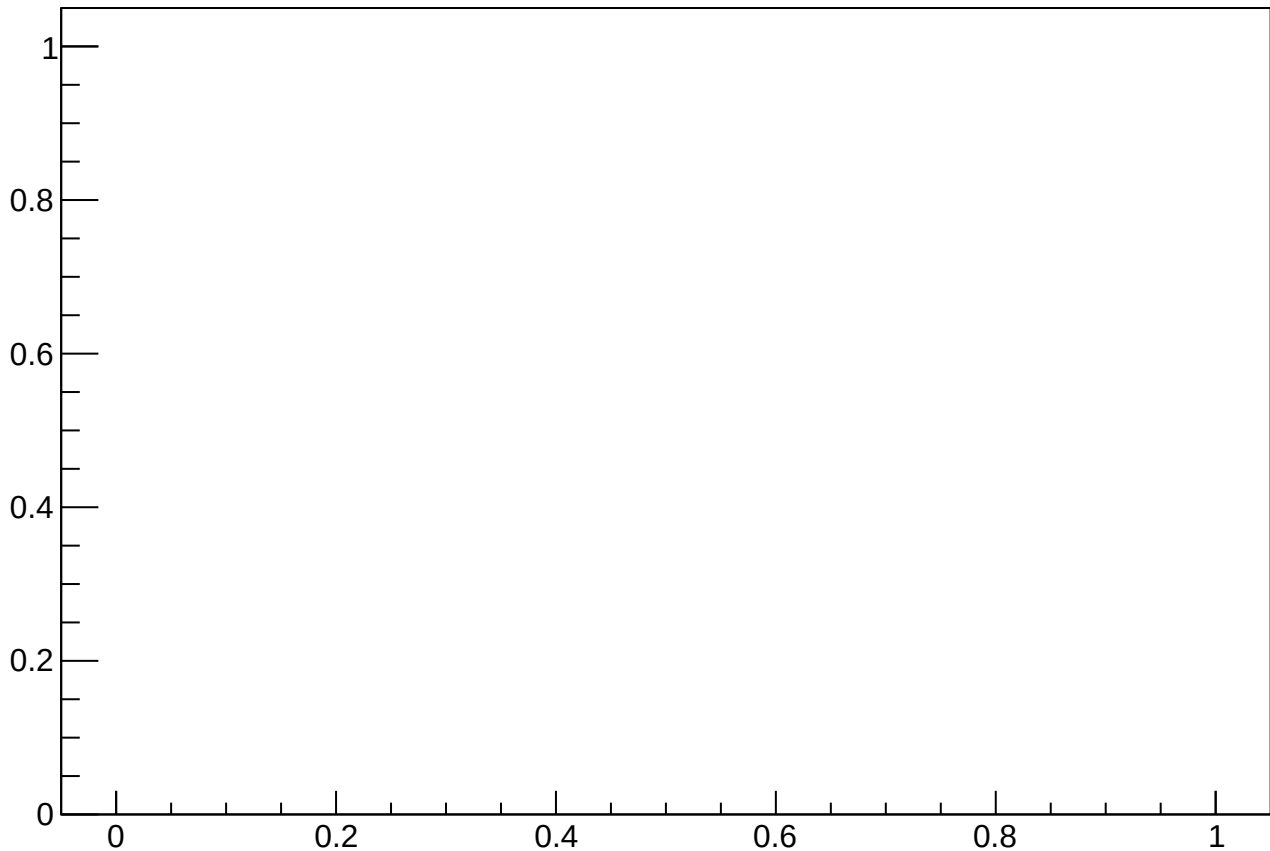
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

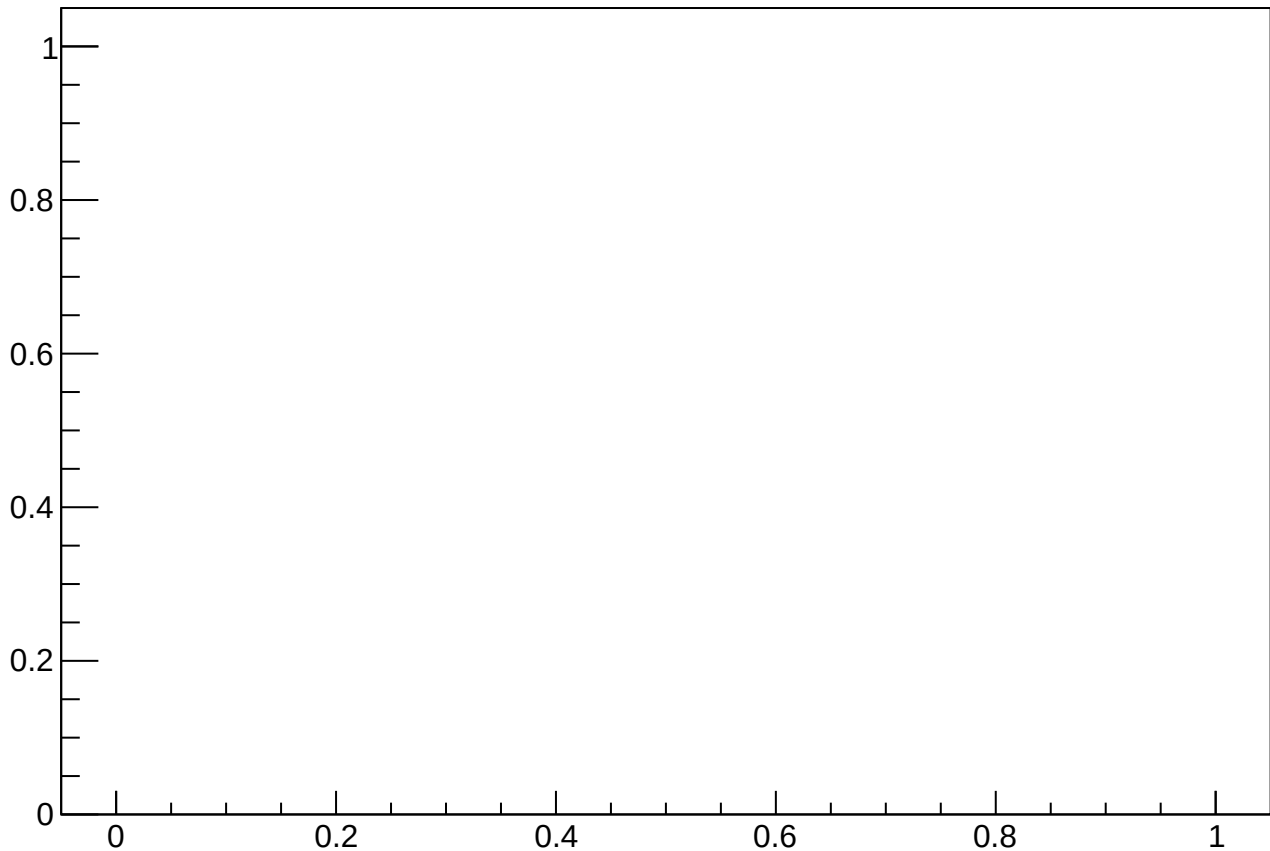
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

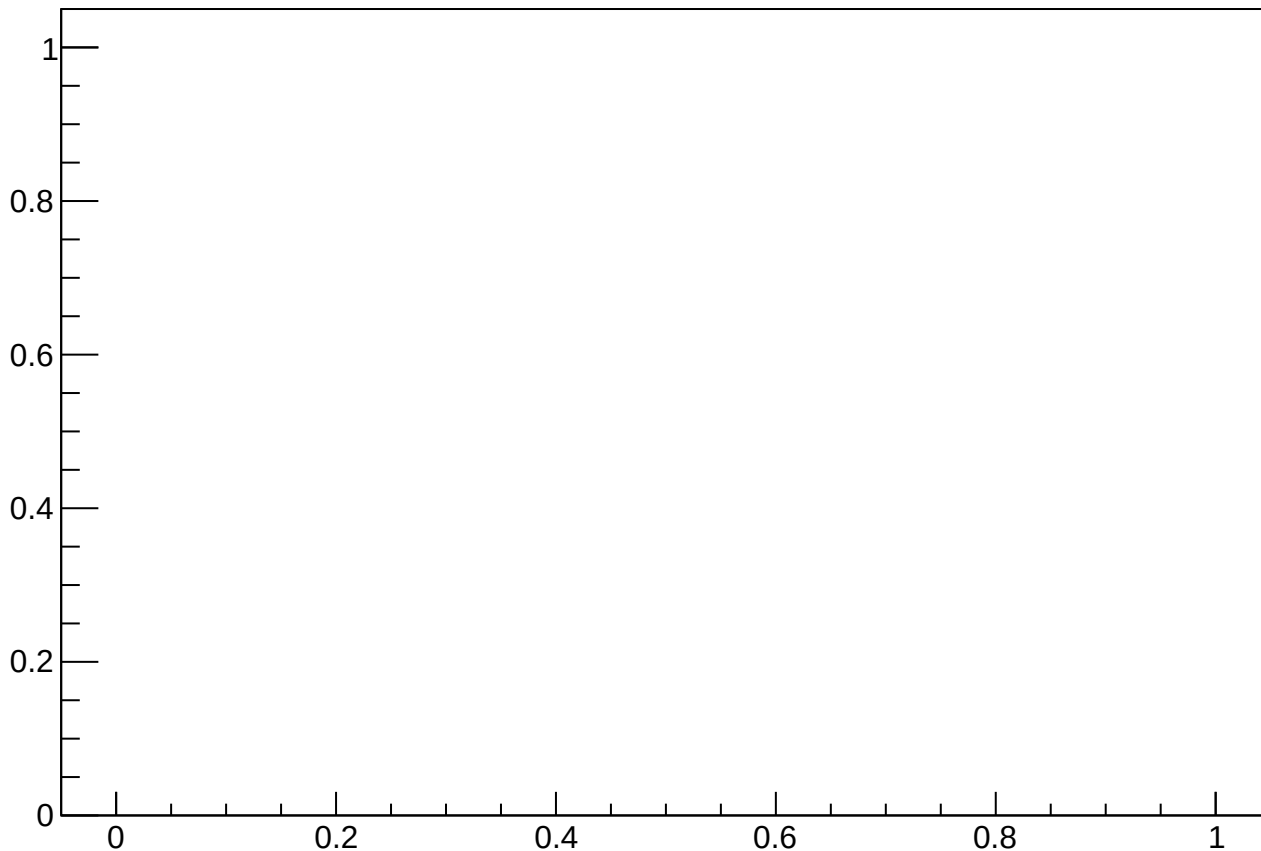
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

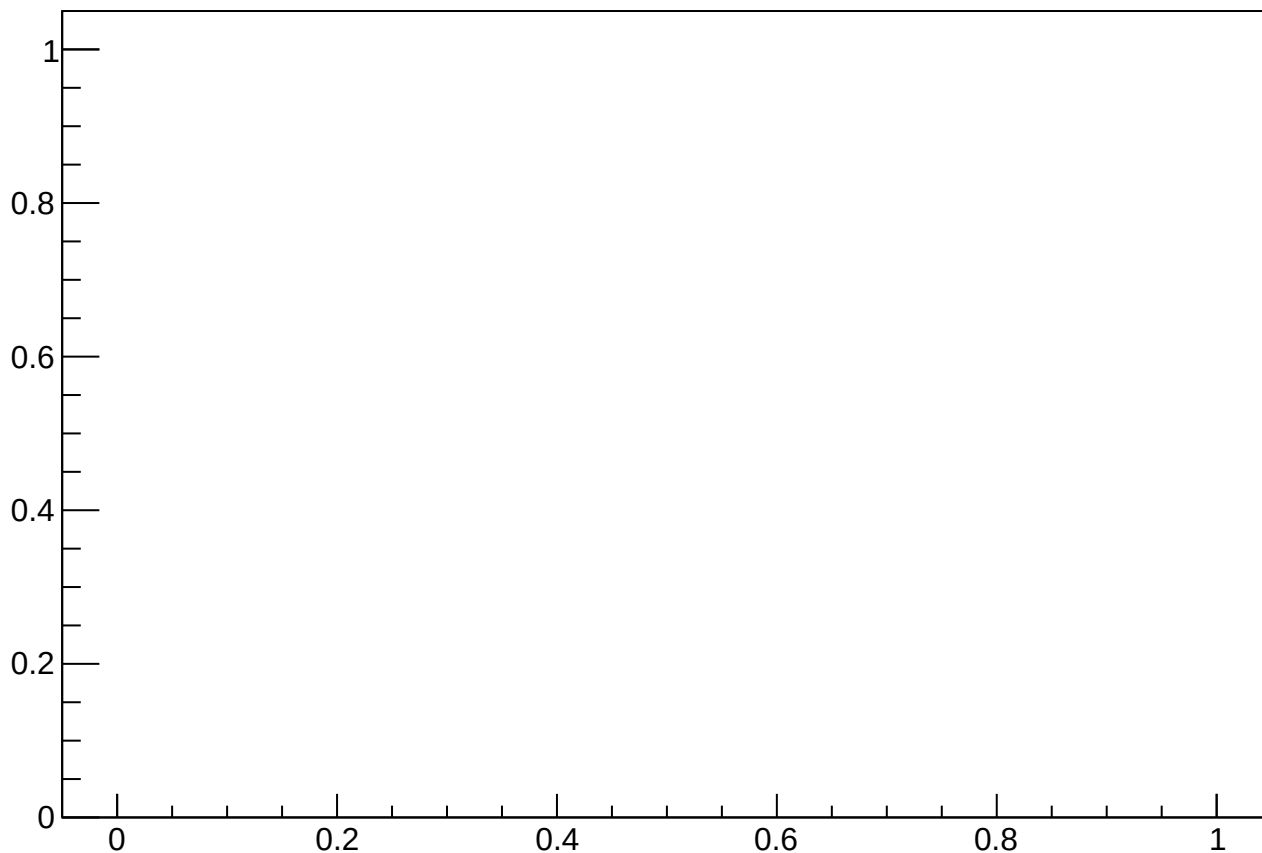
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

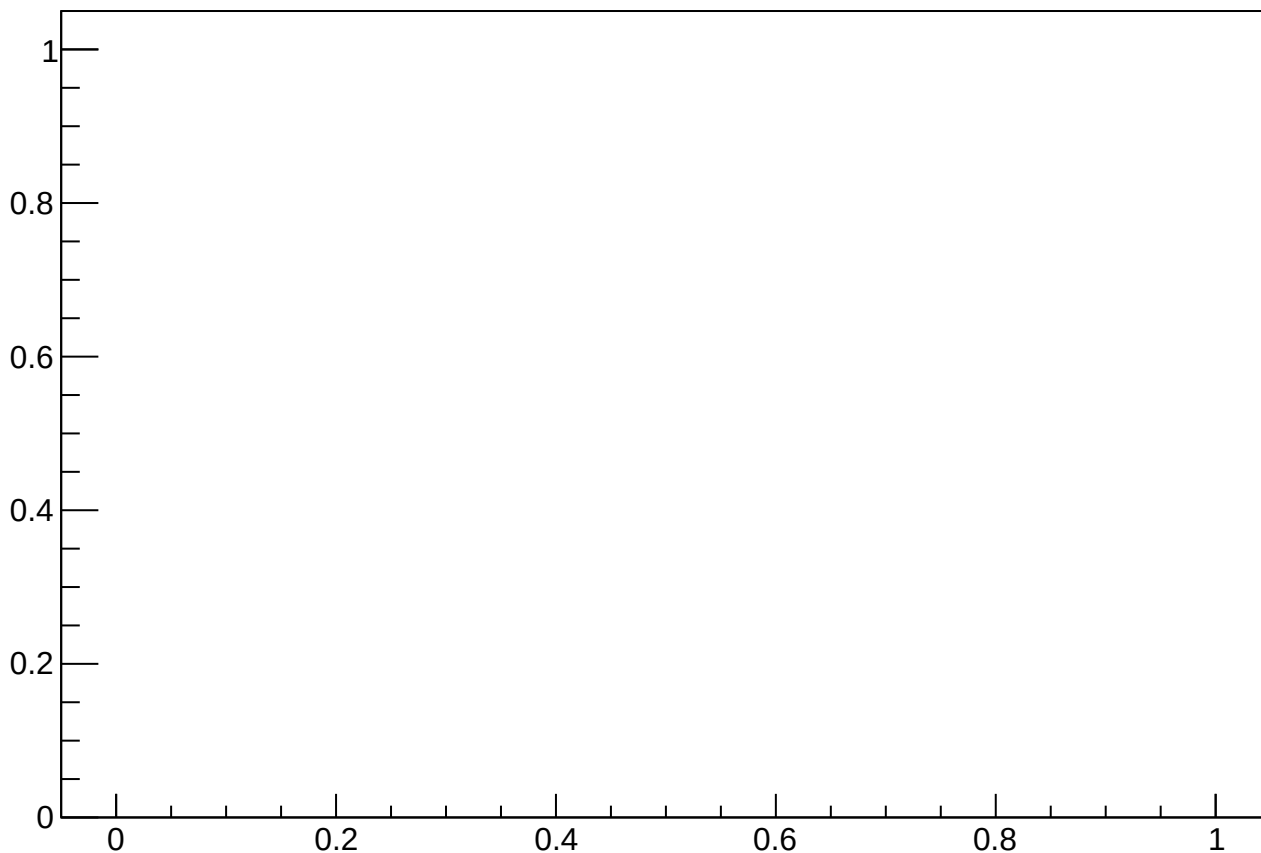
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

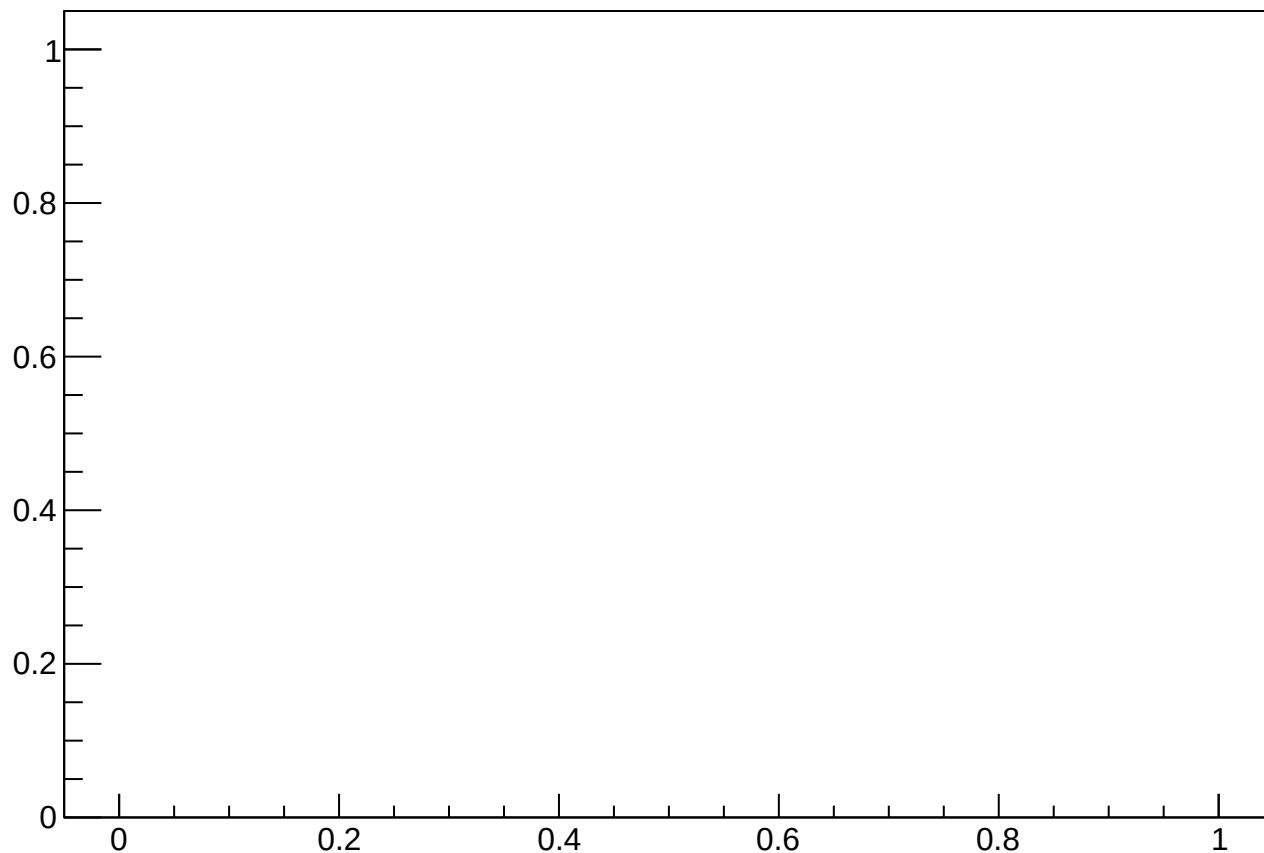
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

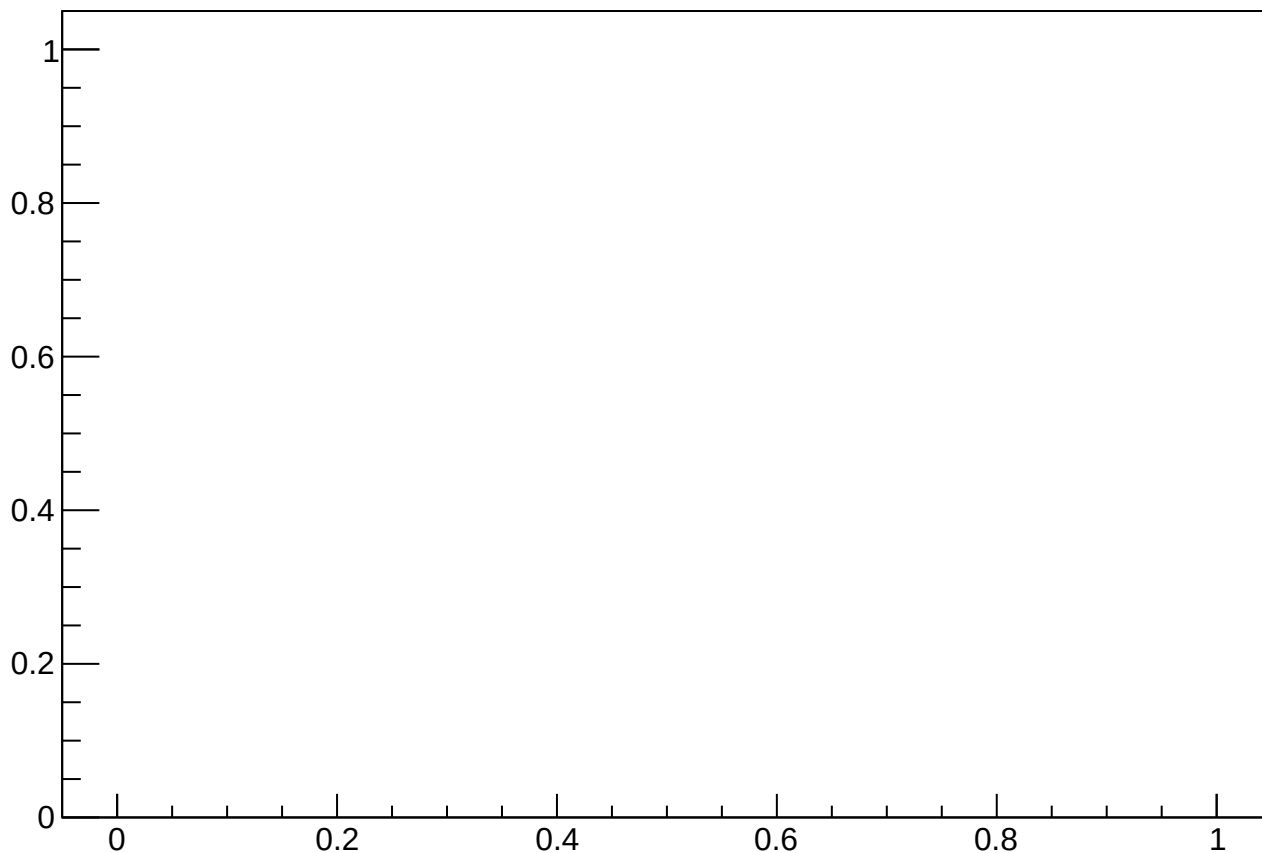
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

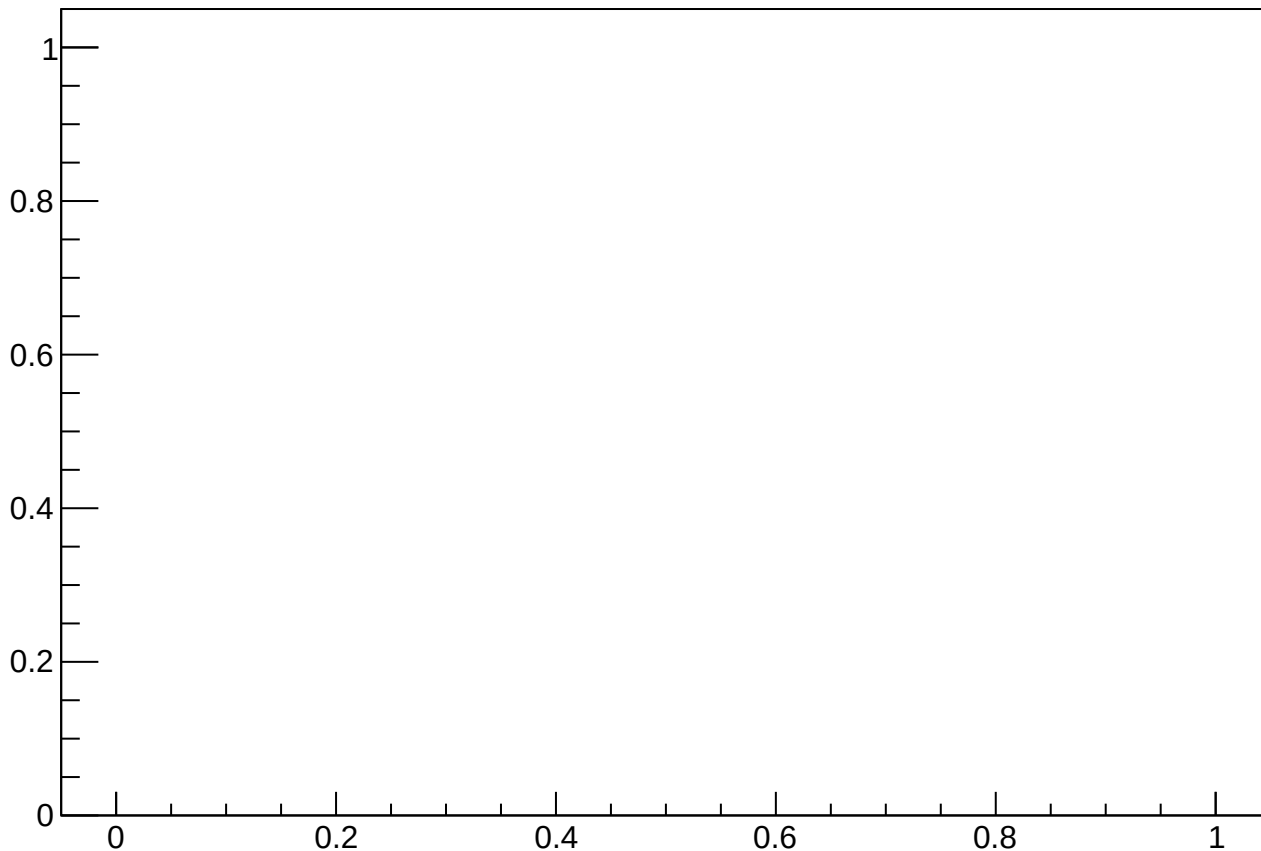
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

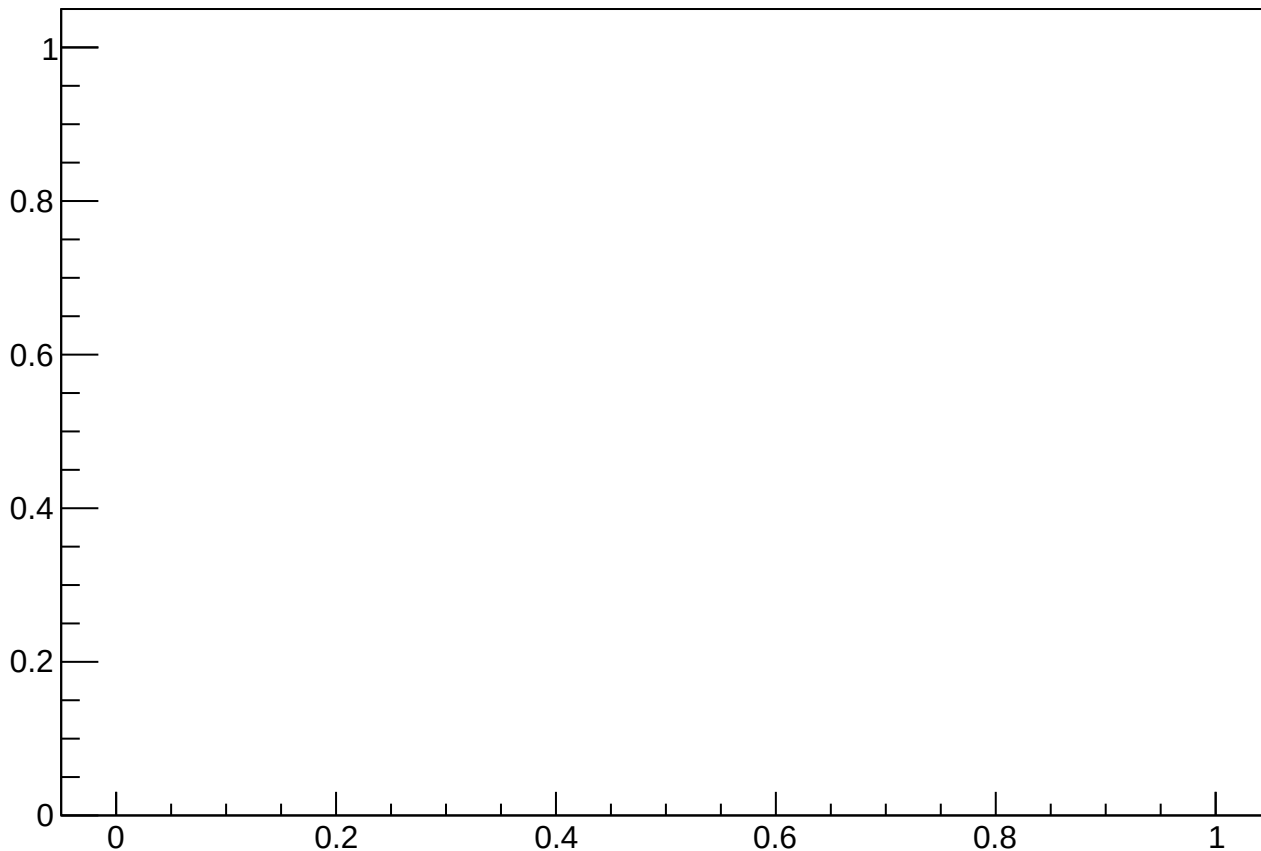
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

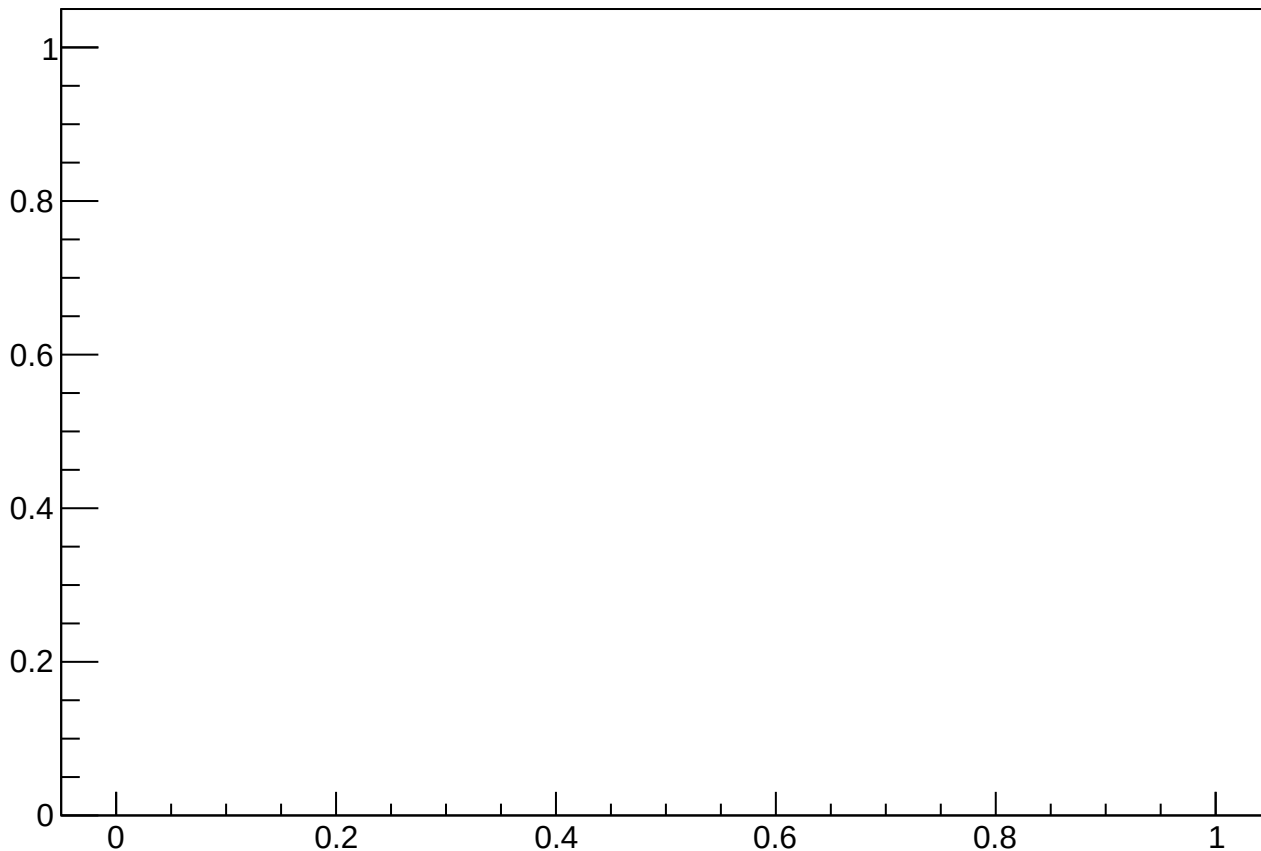
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

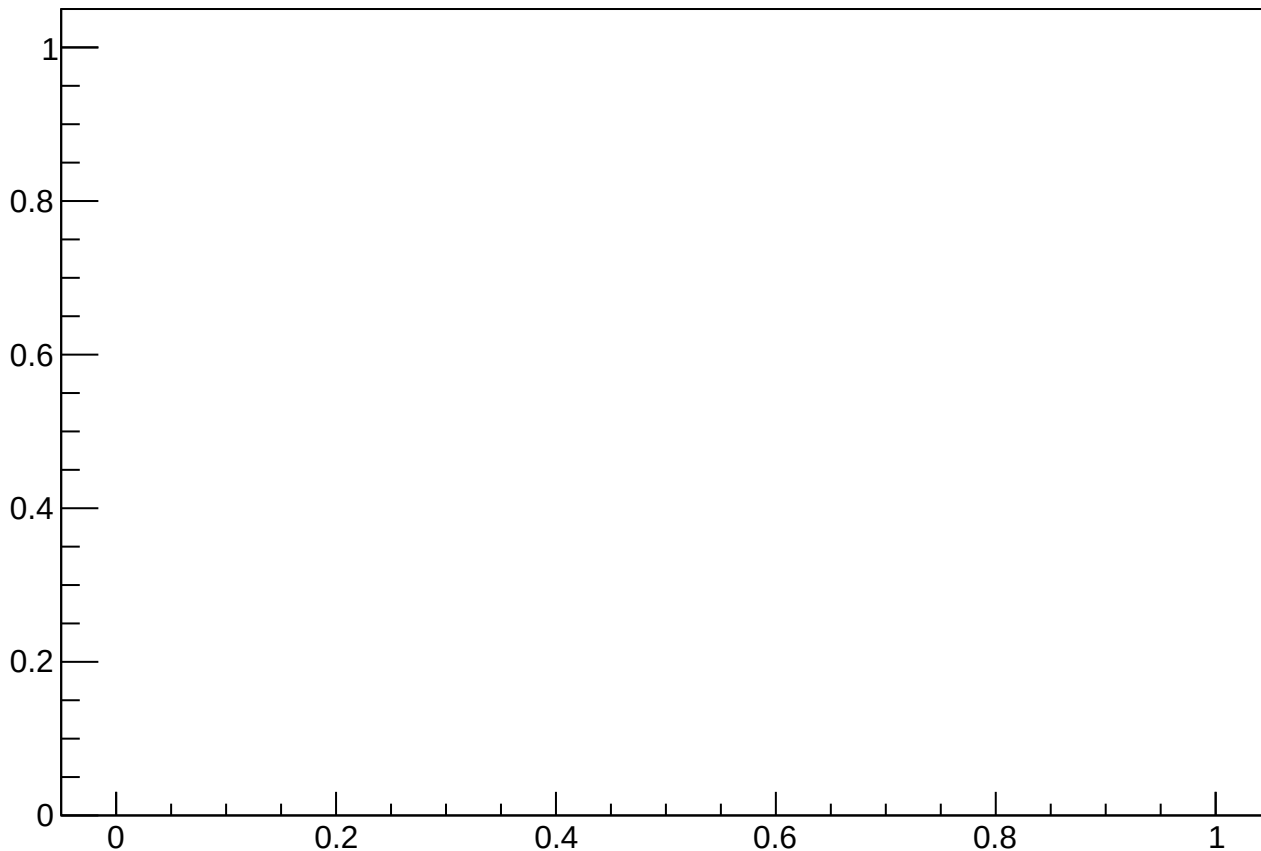
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

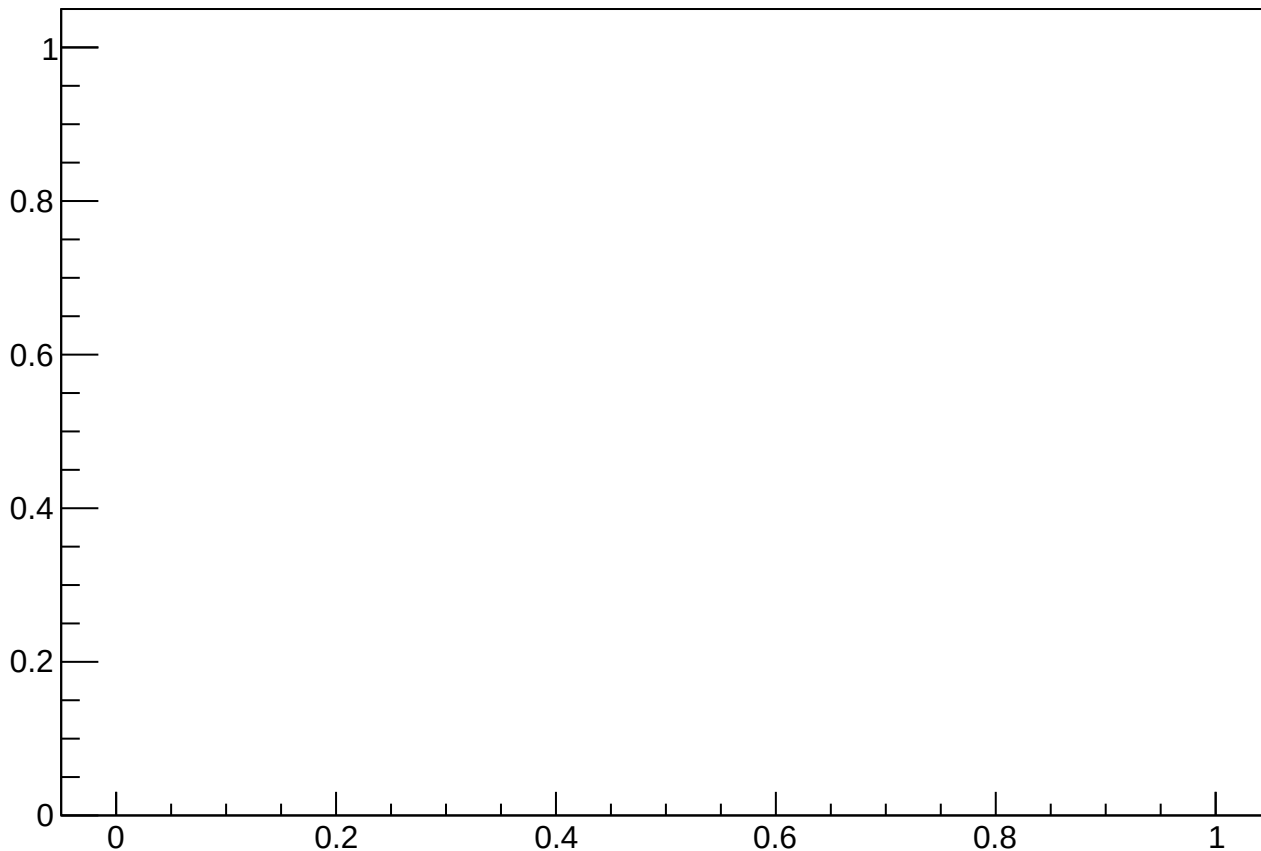
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

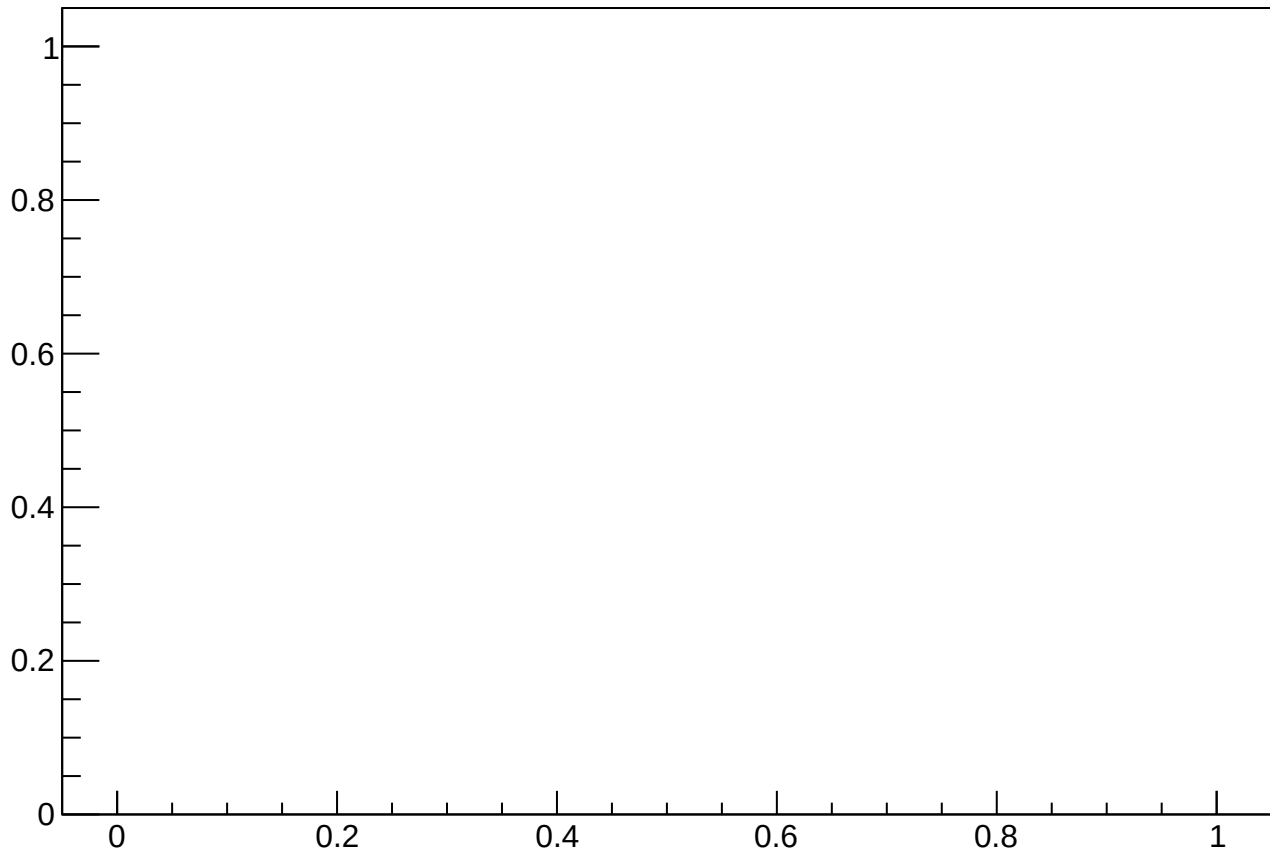
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

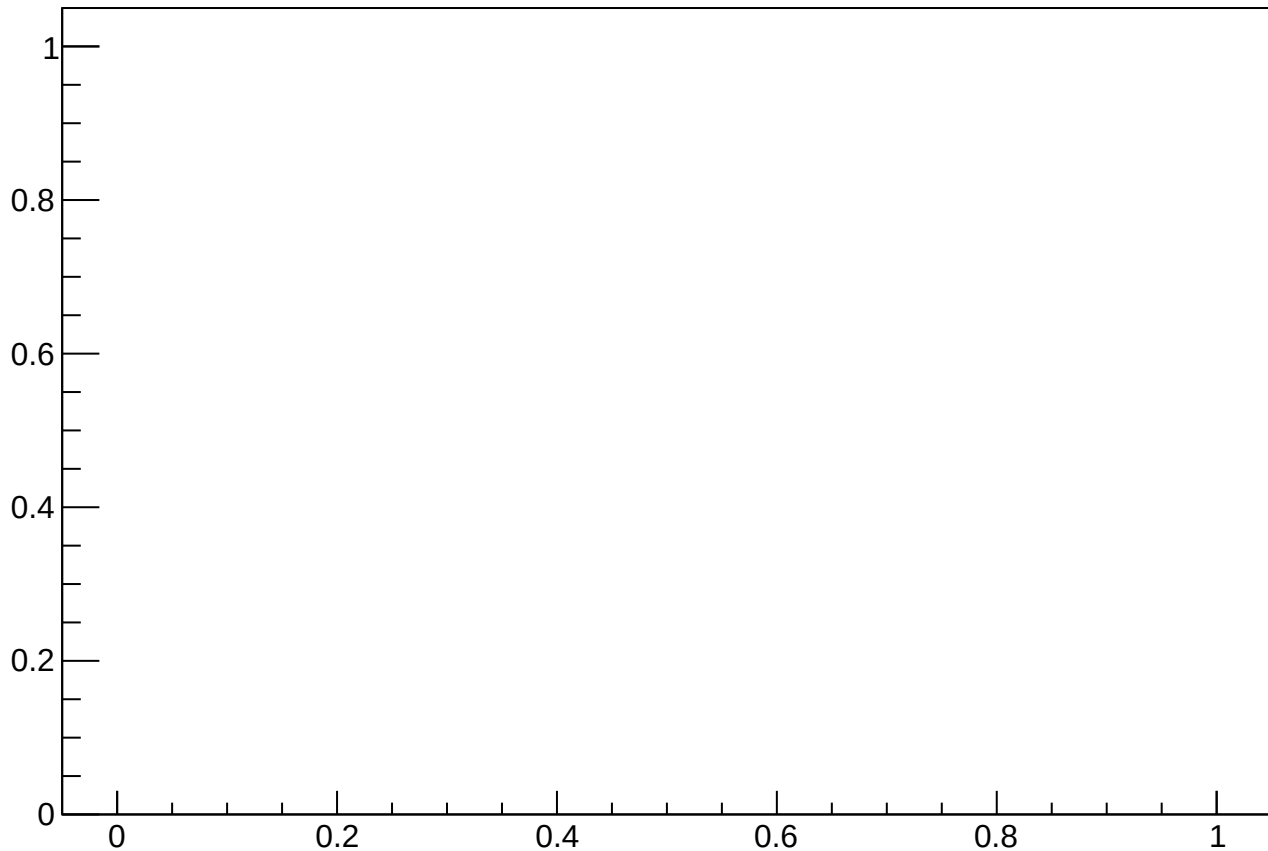
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

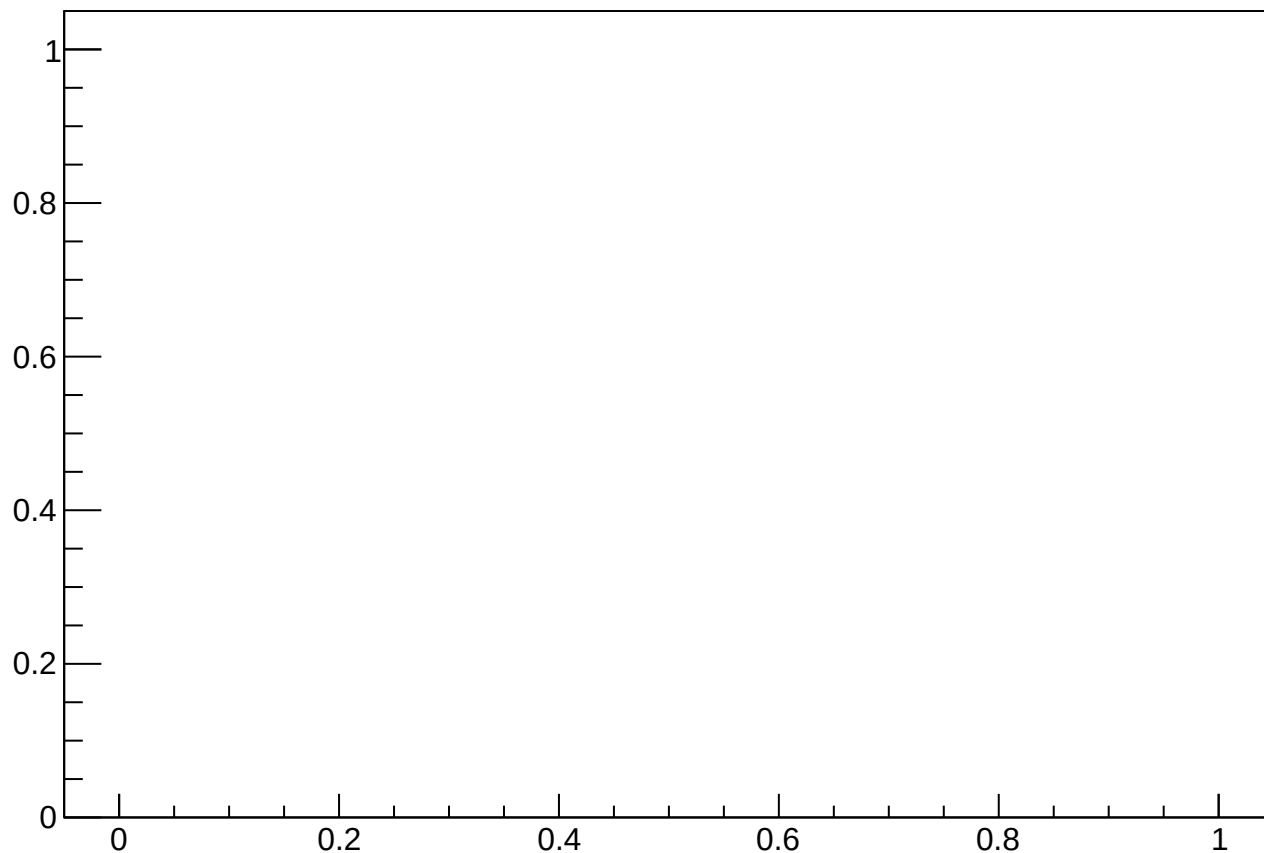
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

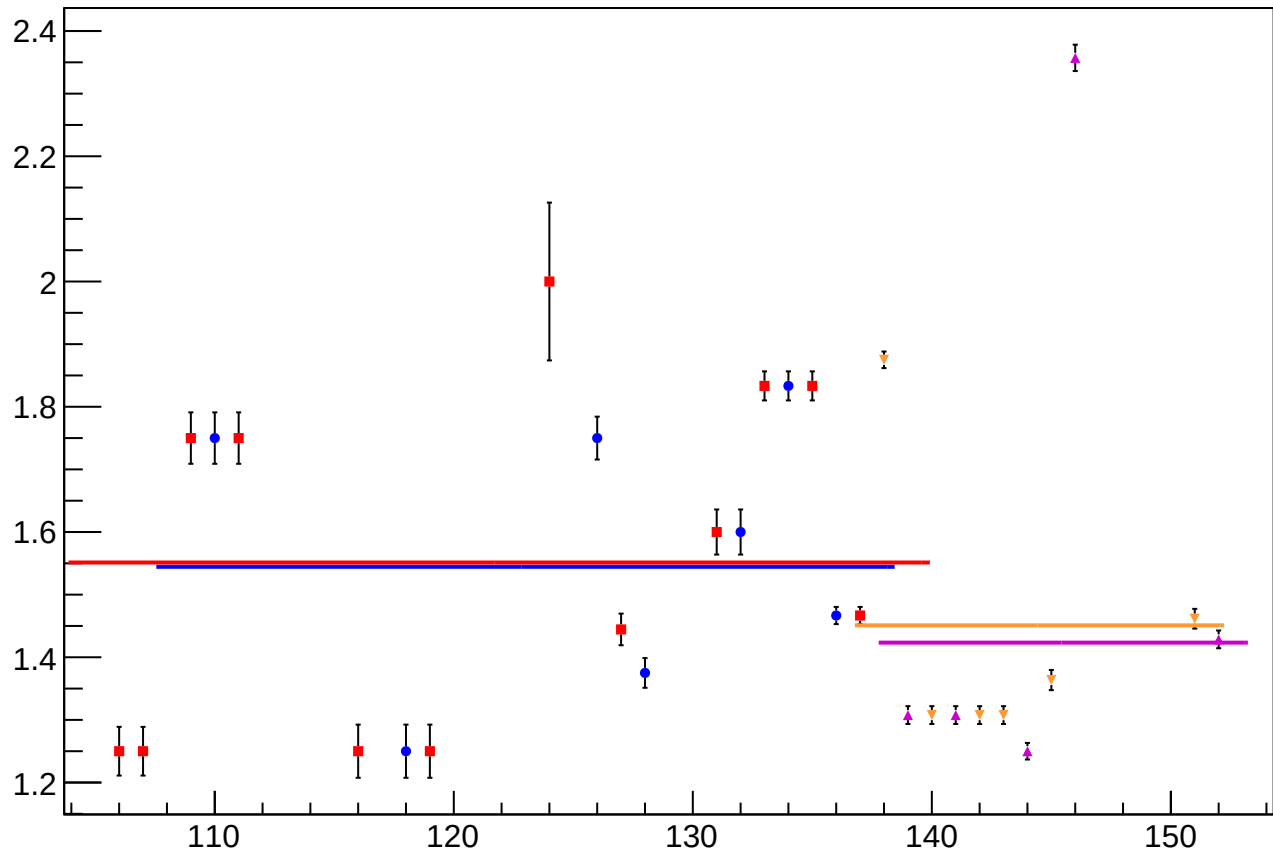
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

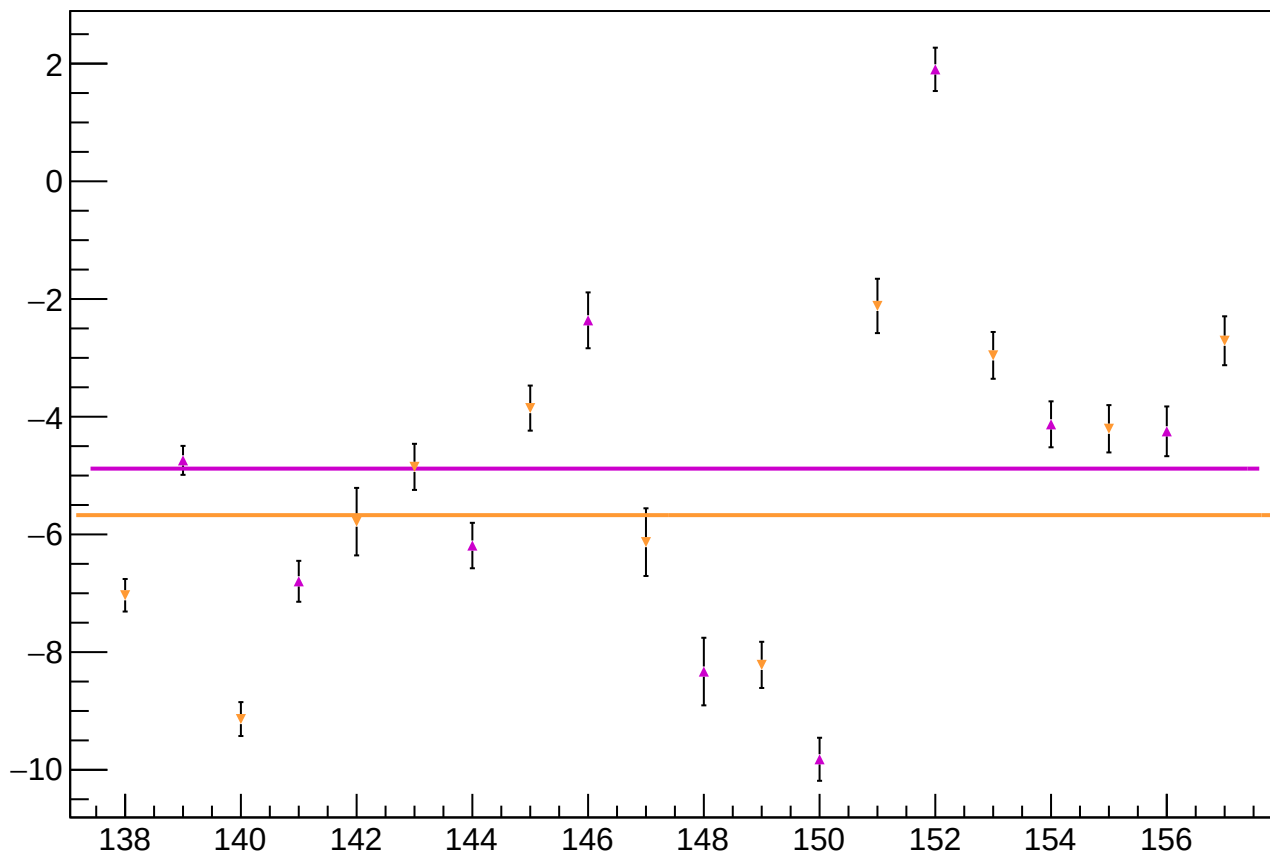
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

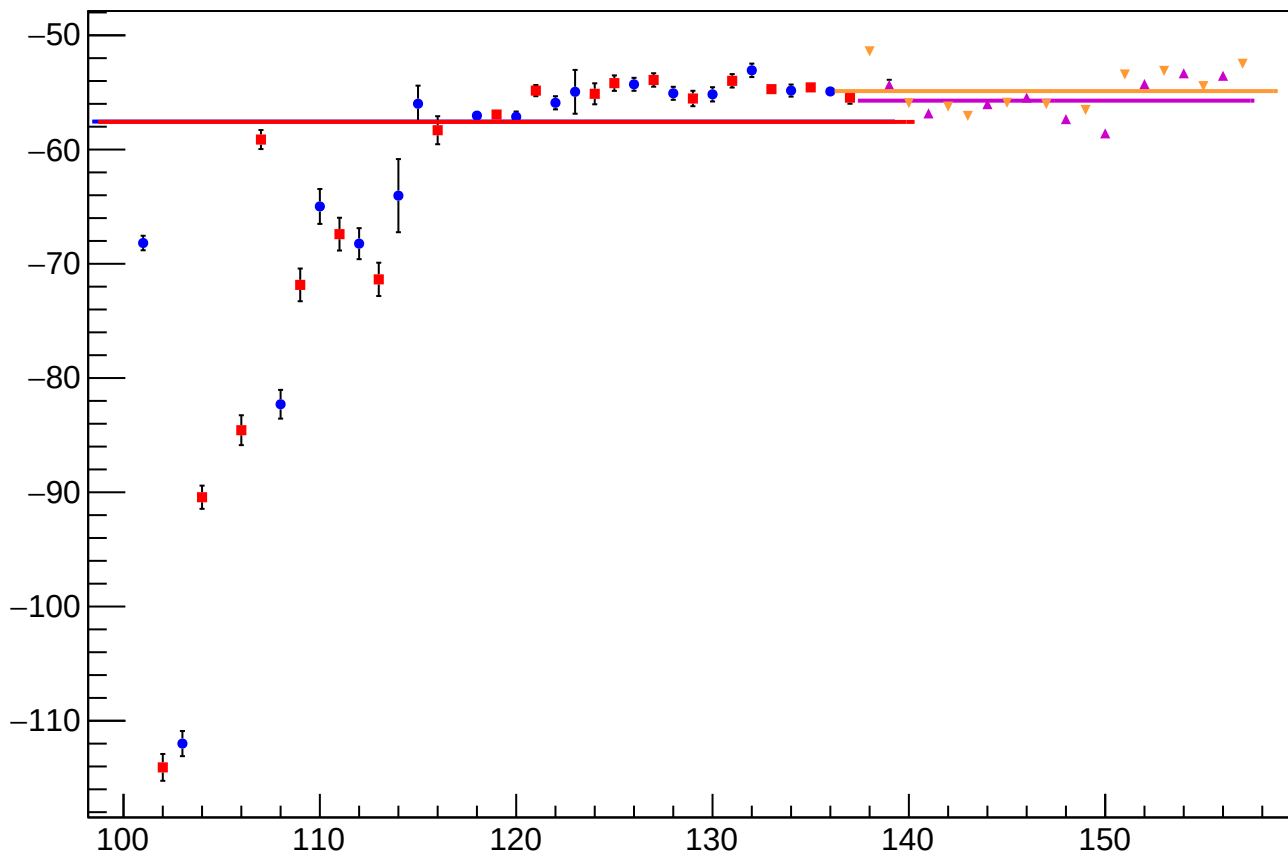
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.672 $\pm$ 0.116 χ^2 /NDF:408.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.882 $\pm$ 0.123 χ^2 /NDF:634.0/8

Left: -5.300 $\pm$ 0.085 χ^2 /NDF: 1064.3/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.882 $\pm$ 0.123 χ^2 /NDF:634.0/8
 Out: -5.672 $\pm$ 0.116 χ^2 /NDF:408.6/10
 All: -5.300 $\pm$ 0.085 χ^2 /NDF: 1064.3/19

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.880 ± 0.086 χ^2/NDF : 418.4/10

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -55.720 ± 0.095 χ^2/NDF : 358.5/8

Left: -55.259 ± 0.064 χ^2/NDF : 820.0/19

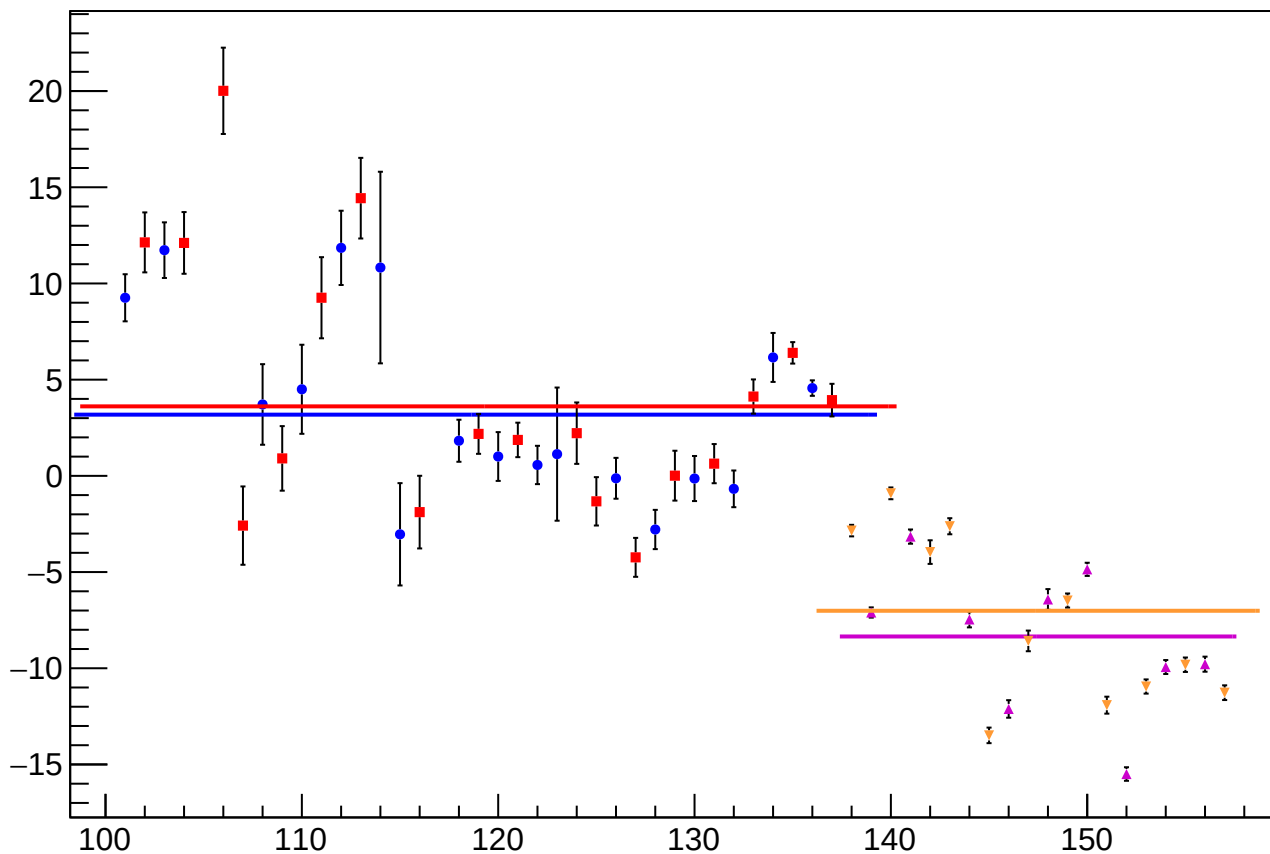
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -56.286 ± 0.079 χ^2/NDF : 3934.1/25

Out: -55.596 ± 0.074 χ^2/NDF : 5024.6/28

All: -55.918 ± 0.054 χ^2/NDF : 8999.6/54

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.012 ± 0.117 $\chi^2/\text{NDF}: 1407.8/10$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.348 ± 0.123 $\chi^2/\text{NDF}: 853.2/8$

Left: -7.646 ± 0.085 $\chi^2/\text{NDF}: 2323.3/19$

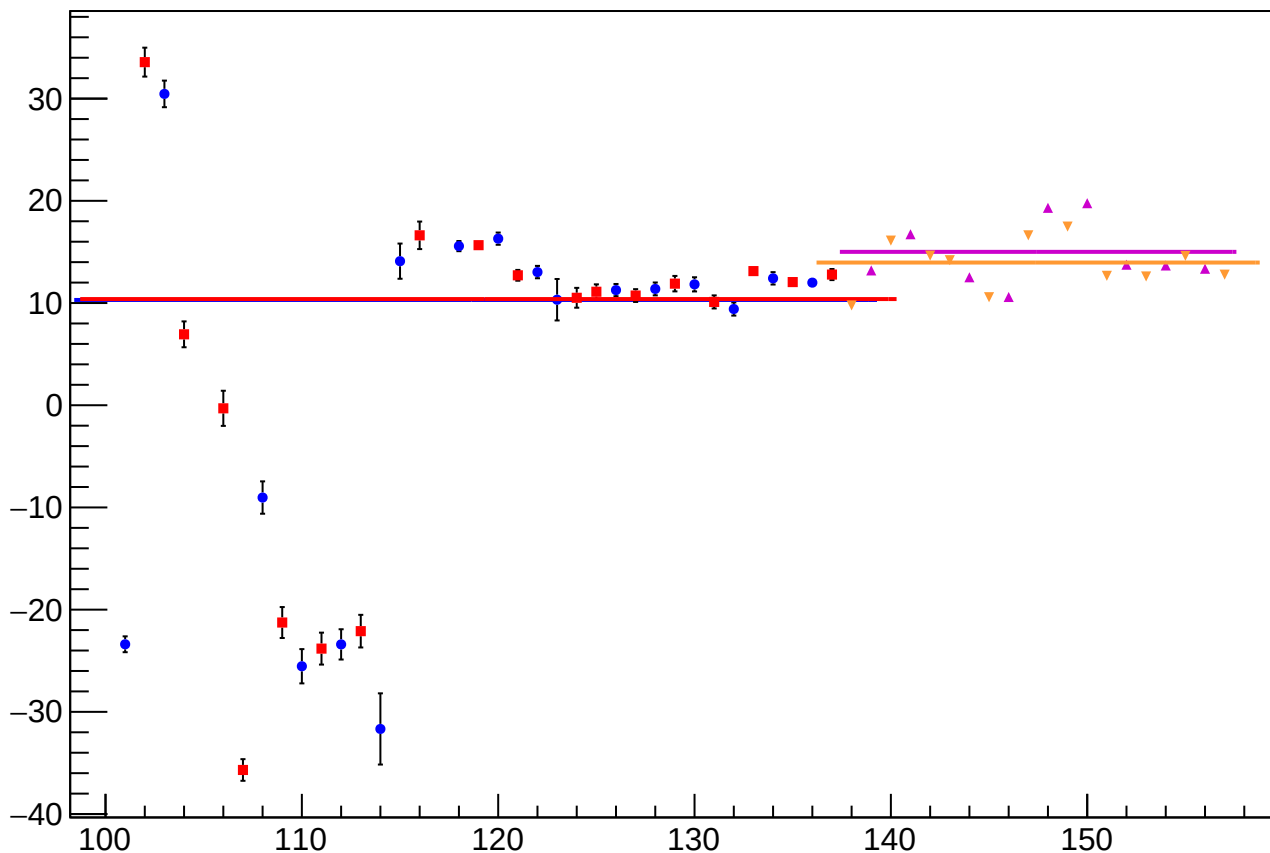
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -6.218 ± 0.111 $\chi^2/\text{NDF}: 2666.5/25$

Out: -5.319 ± 0.107 $\chi^2/\text{NDF}: 3019.4/28$

All: -5.752 ± 0.077 $\chi^2/\text{NDF}: 5719.9/54$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.961+/-0.102 χ^2/NDF : 515.5/10

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.007+/-0.112 χ^2/NDF : 694.7/8

Left: 14.438+/-0.075 χ^2/NDF : 1258.1/19

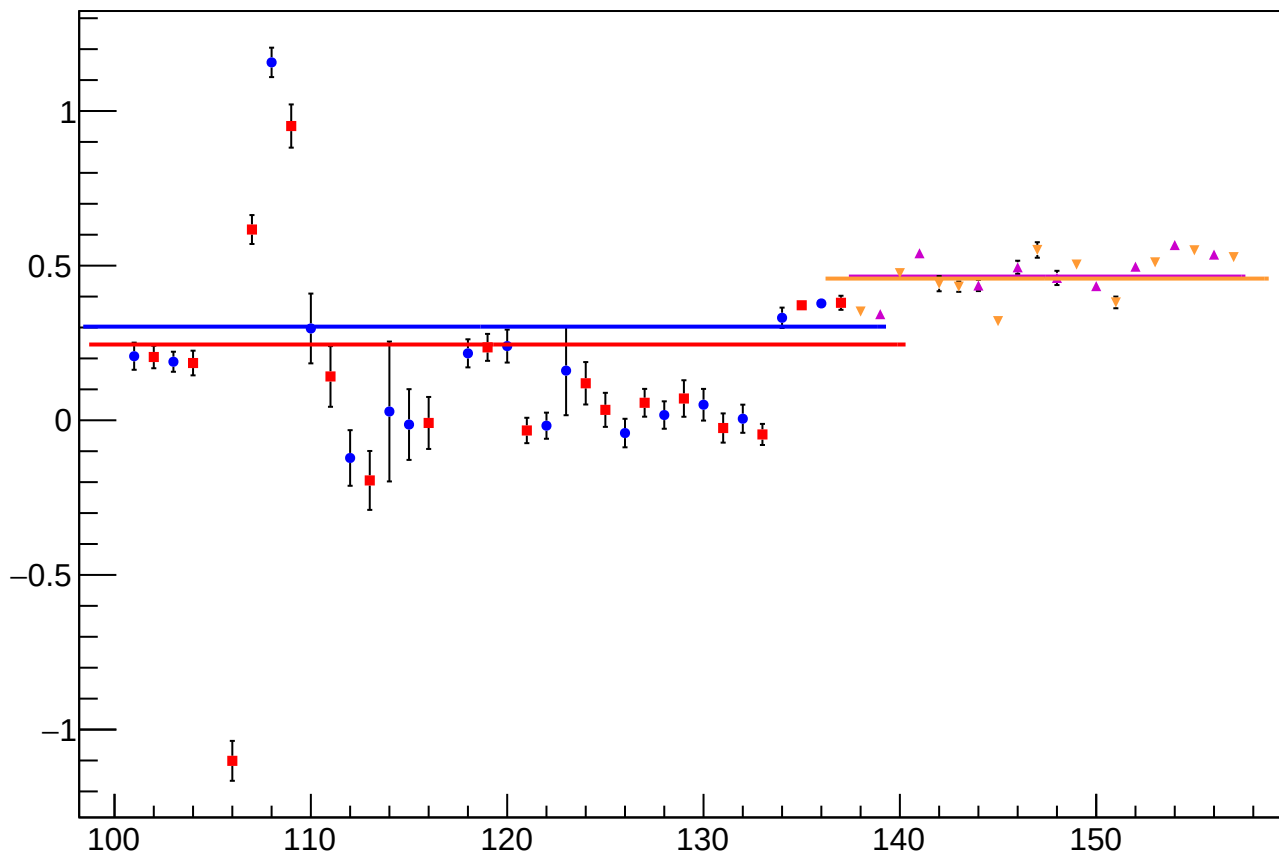
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 13.425+/-0.091 χ^2/NDF : 4991.0/25

Out: 12.927+/-0.086 χ^2/NDF : 4656.8/28

All: 13.162+/-0.063 χ^2/NDF : 9663.6/54

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.458 $\pm$ 0.005 χ^2 /NDF:298.3/10

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.465 $\pm$ 0.005 χ^2 /NDF:301.8/8

Left: 0.461 $\pm$ 0.003 χ^2 /NDF: 601.1/19

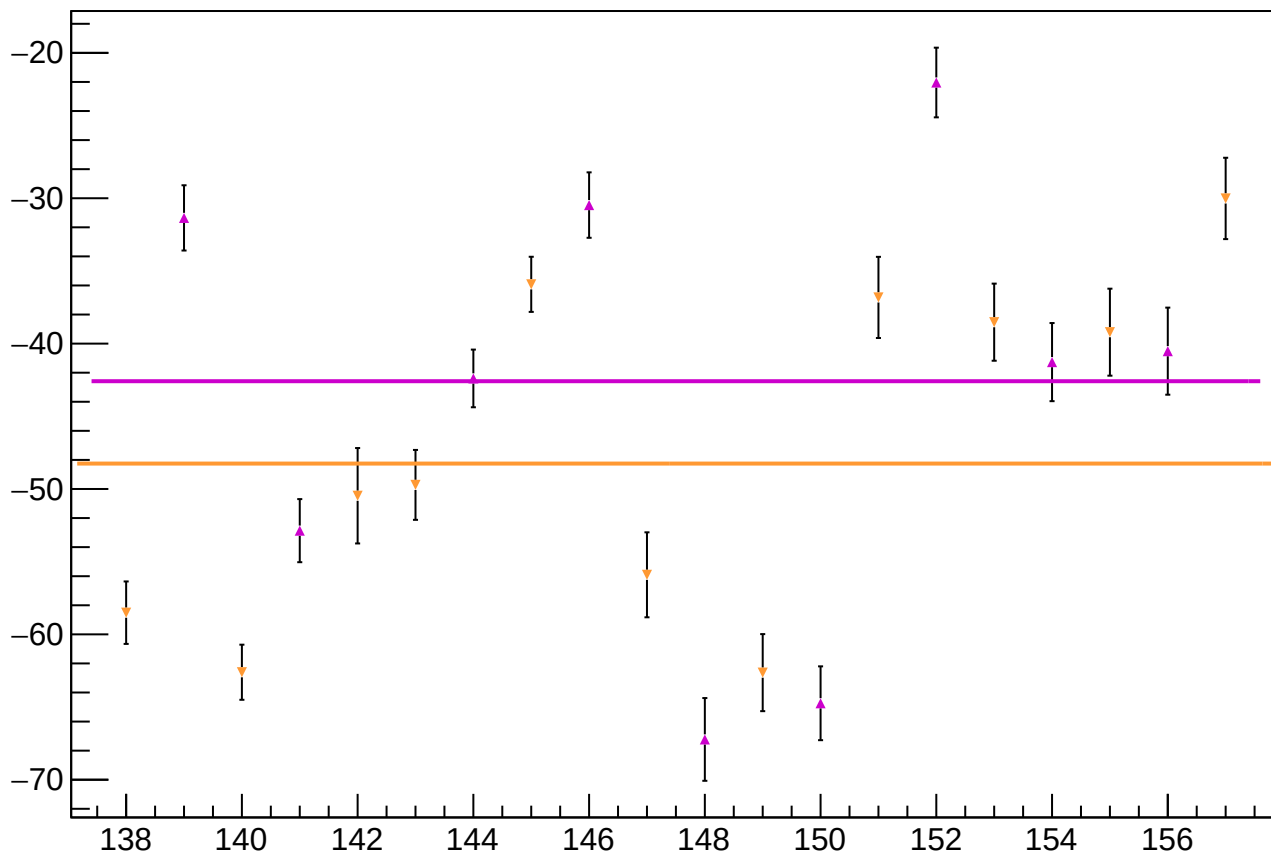
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.424 $\pm$ 0.004 χ^2 /NDF:1242.1/25

Out: 0.411 $\pm$ 0.004 χ^2 /NDF:1740.3/28

All: 0.418 $\pm$ 0.003 χ^2 /NDF: 2988.1/54

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.252+/-0.744 χ^2/NDF :241.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.586+/-0.799 χ^2/NDF :301.8/8

Left: -45.624+/-0.544 χ^2/NDF : 570.1/19

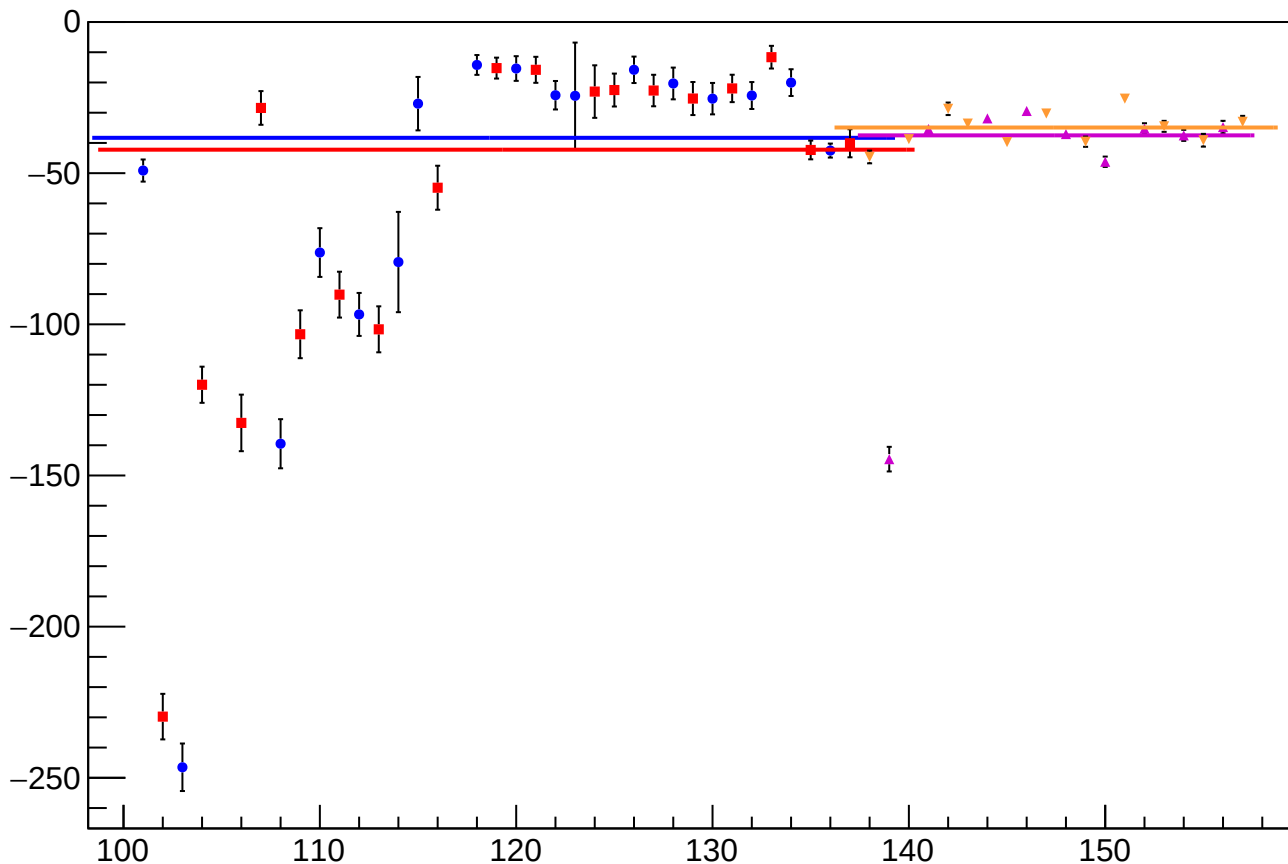
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.586+/-0.799 χ^2/NDF :301.8/8

Out: -48.252+/-0.744 χ^2/NDF :241.4/10

All: -45.624+/-0.544 χ^2/NDF : 570.1/19

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 χ^2/NDF : 1132.8/16

Left Out: -34.896 ± 0.521 χ^2/NDF : 104.4/10

Right Out: -42.231 ± 1.210 χ^2/NDF : 1278.1/17

Left In: -37.495 ± 0.559 χ^2/NDF : 772.9/8

Left: -36.104 ± 0.381 χ^2/NDF : 888.9/19

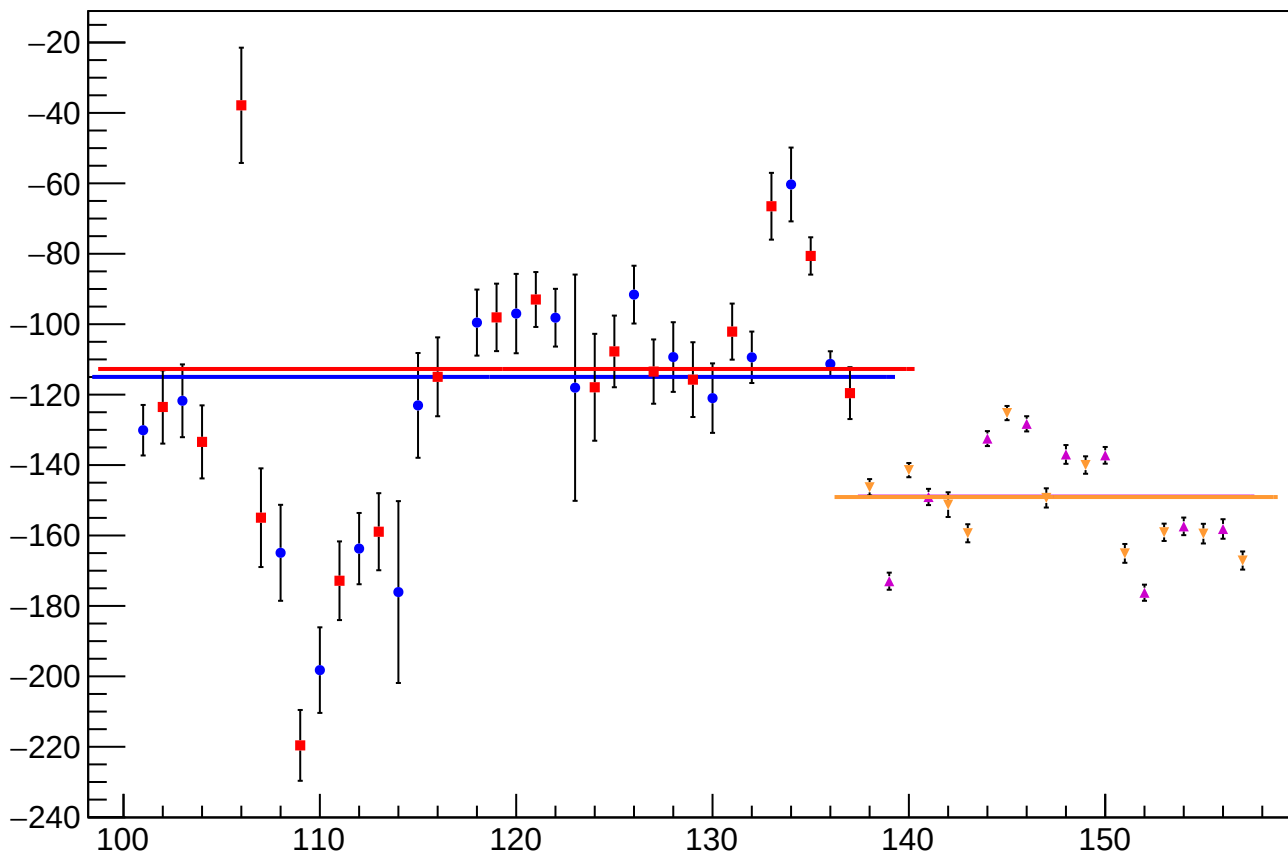
Right: -40.148 ± 0.829 χ^2/NDF : 2416.5/34

In: -37.652 ± 0.502 χ^2/NDF : 1906.1/25

Out: -36.043 ± 0.478 χ^2/NDF : 1413.6/28

All: -36.809 ± 0.346 χ^2/NDF : 3325.0/54

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: -149.081 ± 0.747 $\chi^2/\text{NDF}: 300.7/10$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -148.953 ± 0.793 $\chi^2/\text{NDF}: 458.3/8$

Left: -149.020 ± 0.544 $\chi^2/\text{NDF}: 759.1/19$

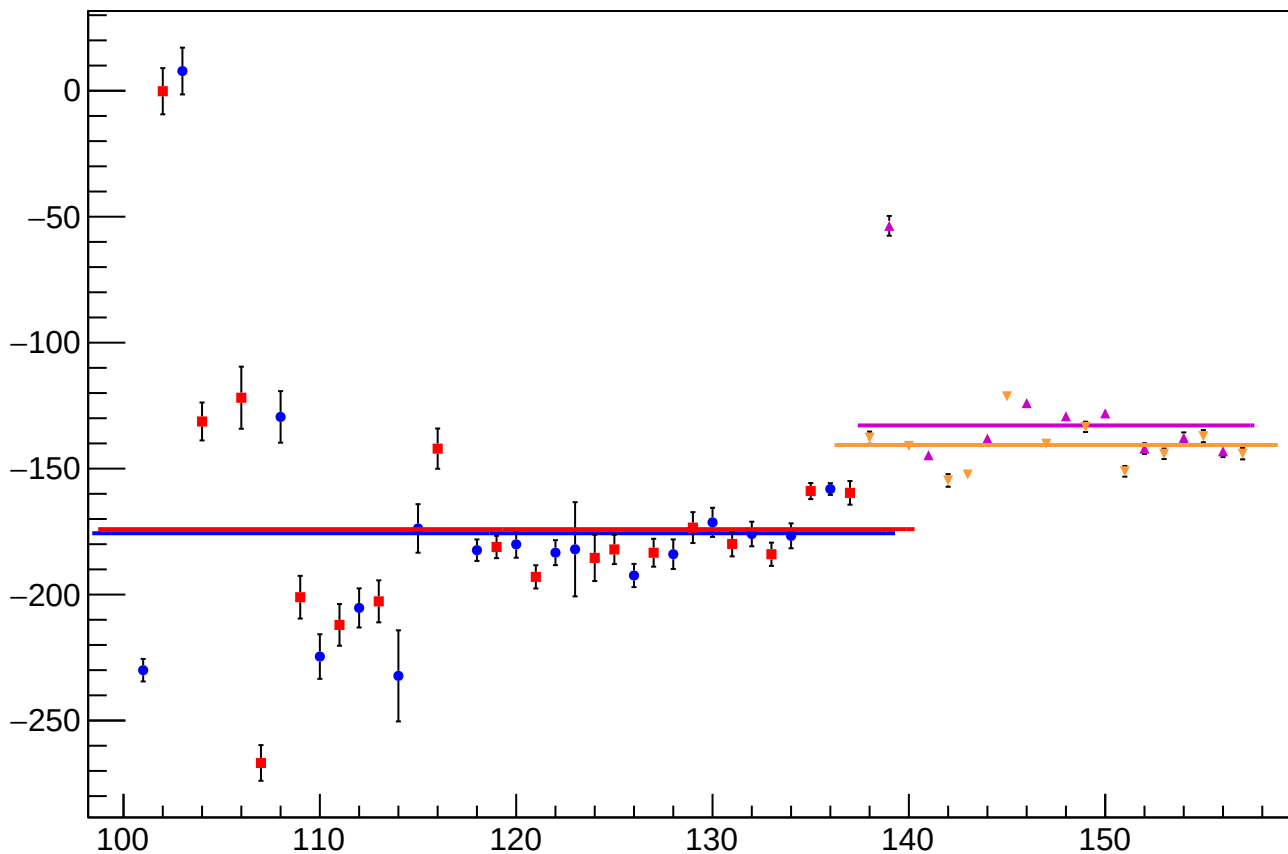
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -144.624 ± 0.740 $\chi^2/\text{NDF}: 833.9/25$

Out: -145.349 ± 0.708 $\chi^2/\text{NDF}: 810.8/28$

All: -145.003 ± 0.512 $\chi^2/\text{NDF}: 1645.2/54$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.623 ± 0.630 χ^2/NDF : 231.8/10

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -132.857 ± 0.677 χ^2/NDF : 536.6/8

Left: -137.017 ± 0.461 χ^2/NDF : 839.0/19

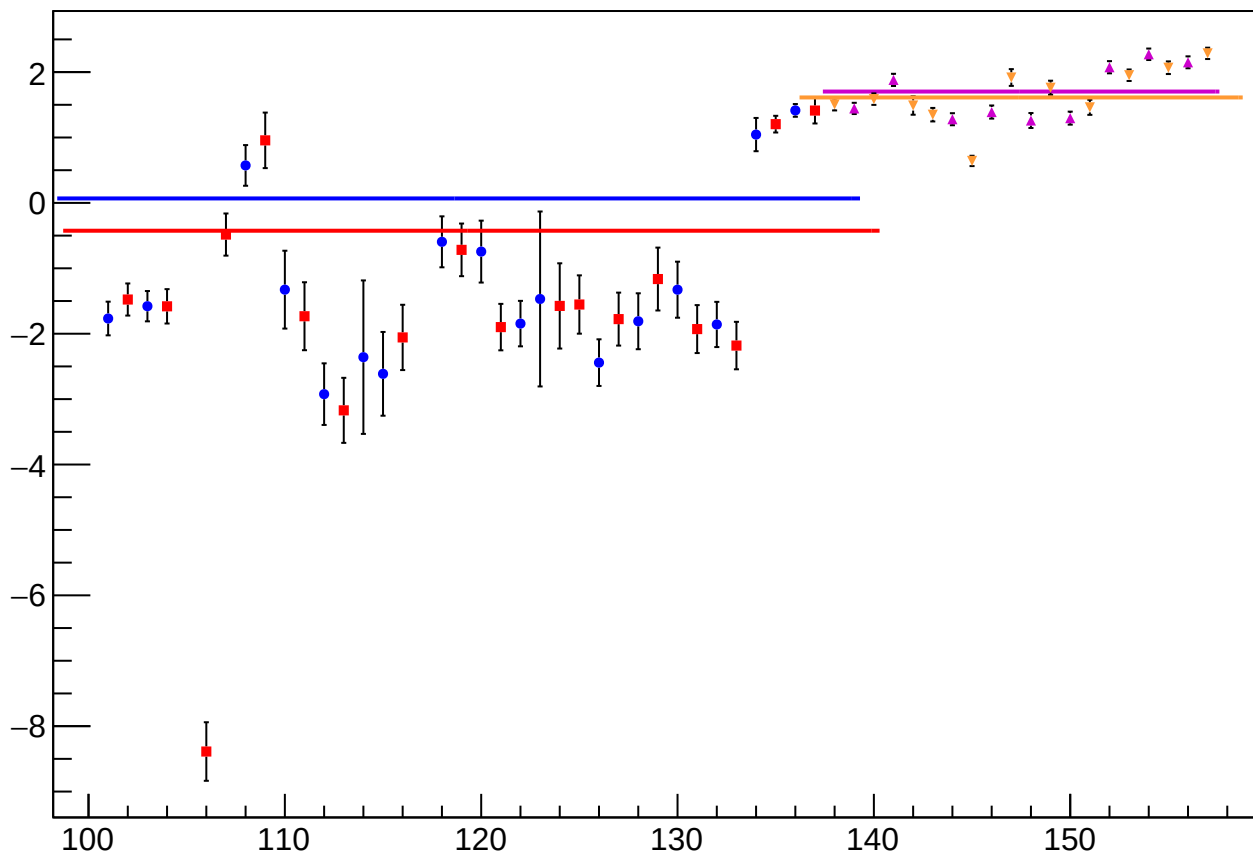
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -142.328 ± 0.597 χ^2/NDF : 2114.1/25

Out: -146.557 ± 0.571 χ^2/NDF : 1434.8/28

All: -144.536 ± 0.413 χ^2/NDF : 3575.1/54

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.612 $\pm$ 0.030 χ^2 /NDF:265.8/10

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.703 $\pm$ 0.031 χ^2 /NDF:157.3/8

Left: 1.655 $\pm$ 0.022 χ^2 /NDF: 427.4/19

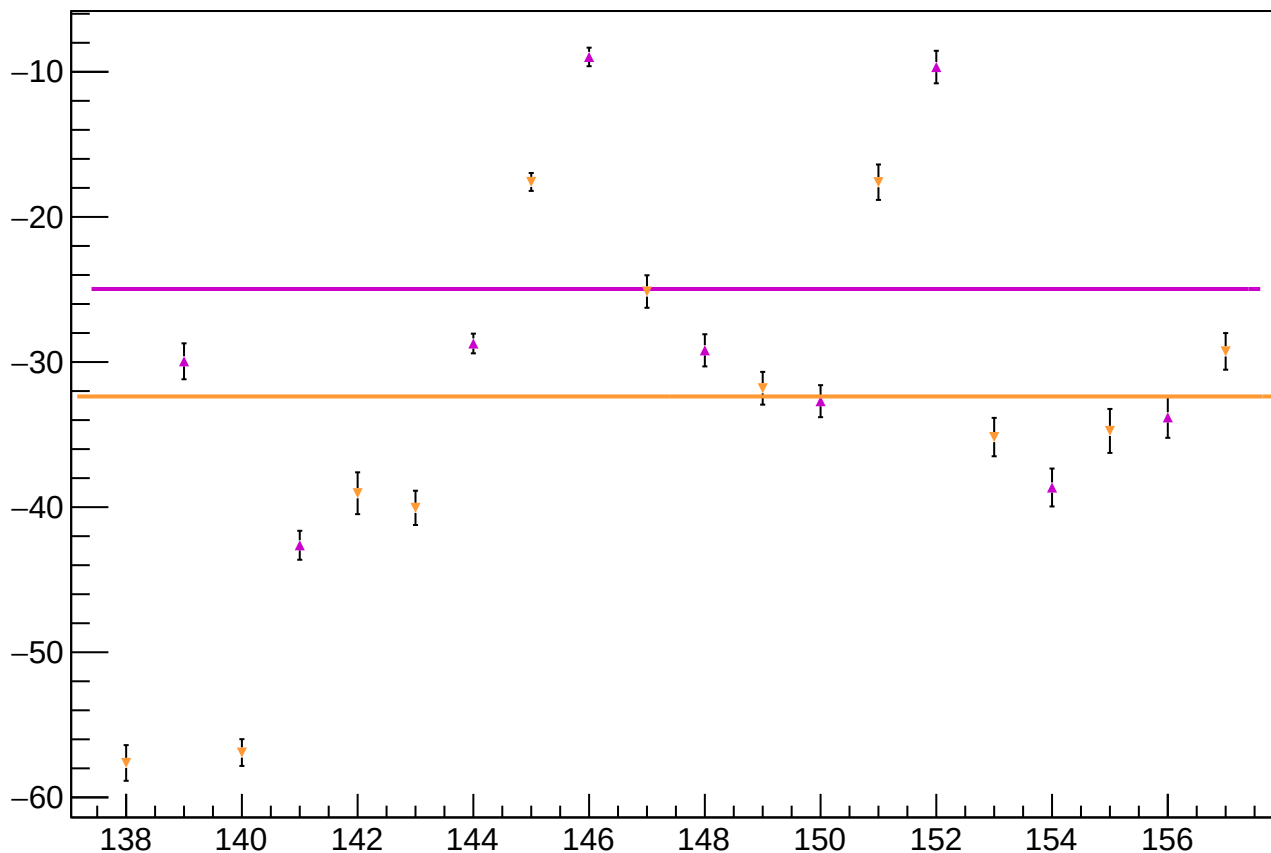
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.407 $\pm$ 0.028 χ^2 /NDF:1170.5/25

Out: 1.312 $\pm$ 0.027 χ^2 /NDF:1706.2/28

All: 1.358 $\pm$ 0.020 χ^2 /NDF: 2882.5/54

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.372+/-0.324 χ^2/NDF :1968.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.966+/-0.319 χ^2/NDF :1385.7/8

Left: -28.620+/-0.227 χ^2/NDF : 3619.0/19

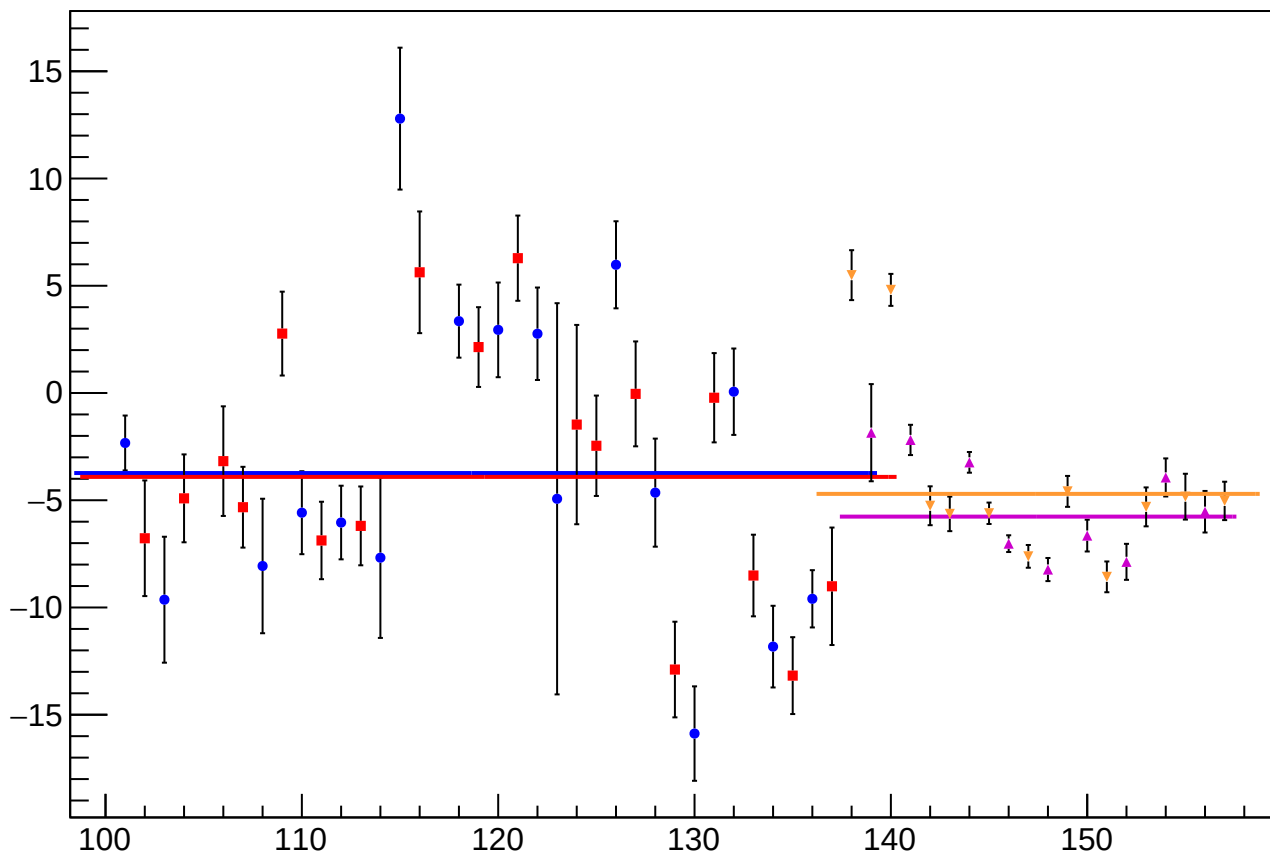
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.966+/-0.319 χ^2/NDF :1385.7/8

Out: -32.372+/-0.324 χ^2/NDF :1968.0/10

All: -28.620+/-0.227 χ^2/NDF : 3619.0/19

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.704 ± 0.223 $\chi^2/\text{NDF}: 304.4/10$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -5.763 ± 0.213 $\chi^2/\text{NDF}: 99.5/8$

Left: -5.259 ± 0.154 $\chi^2/\text{NDF}: 415.8/19$

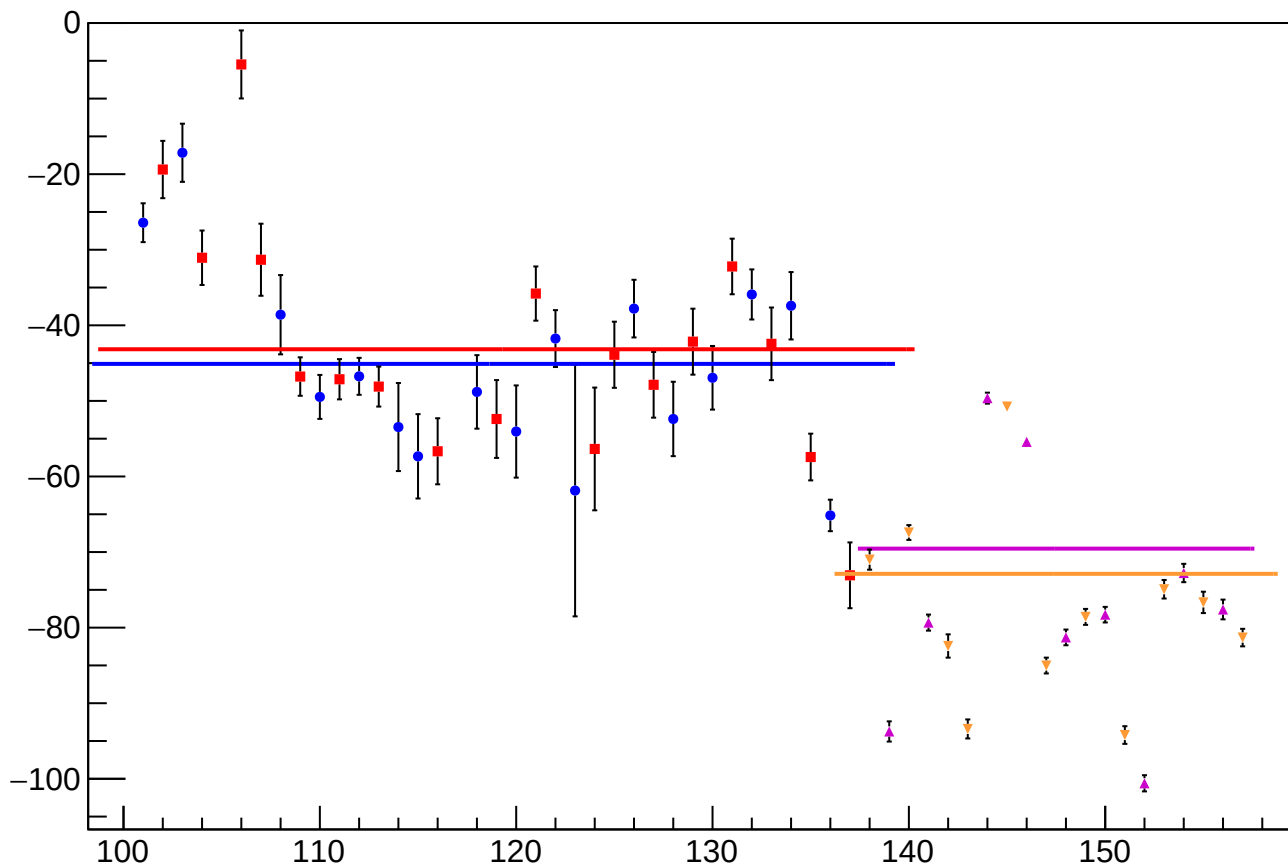
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -5.447 ± 0.196 $\chi^2/\text{NDF}: 279.5/25$

Out: -4.575 ± 0.204 $\chi^2/\text{NDF}: 431.2/28$

All: -5.030 ± 0.141 $\chi^2/\text{NDF}: 720.3/54$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -72.882 ± 0.326 χ^2/NDF : 2035.8/10

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -69.545 ± 0.316 χ^2/NDF : 2775.3/8

Left: -71.165 ± 0.227 χ^2/NDF : 4865.1/19

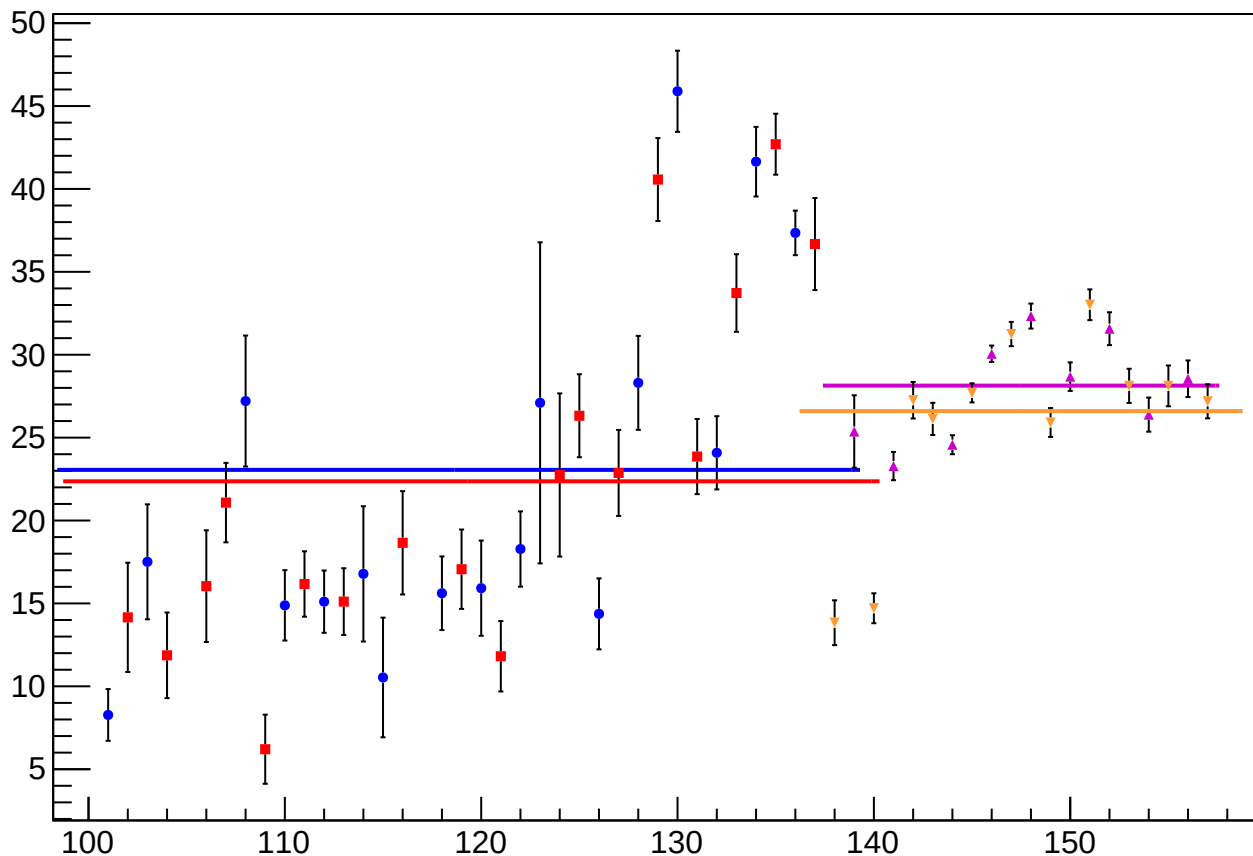
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -66.763 ± 0.298 χ^2/NDF : 3685.6/25

Out: -69.296 ± 0.305 χ^2/NDF : 3273.1/28

All: -67.997 ± 0.213 χ^2/NDF : 6994.0/54

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.600 $\pm$ 0.272 χ^2 /NDF:359.7/10

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 28.137 $\pm$ 0.262 χ^2 /NDF:134.1/8

Left: 27.397 $\pm$ 0.188 χ^2 /NDF: 510.4/19

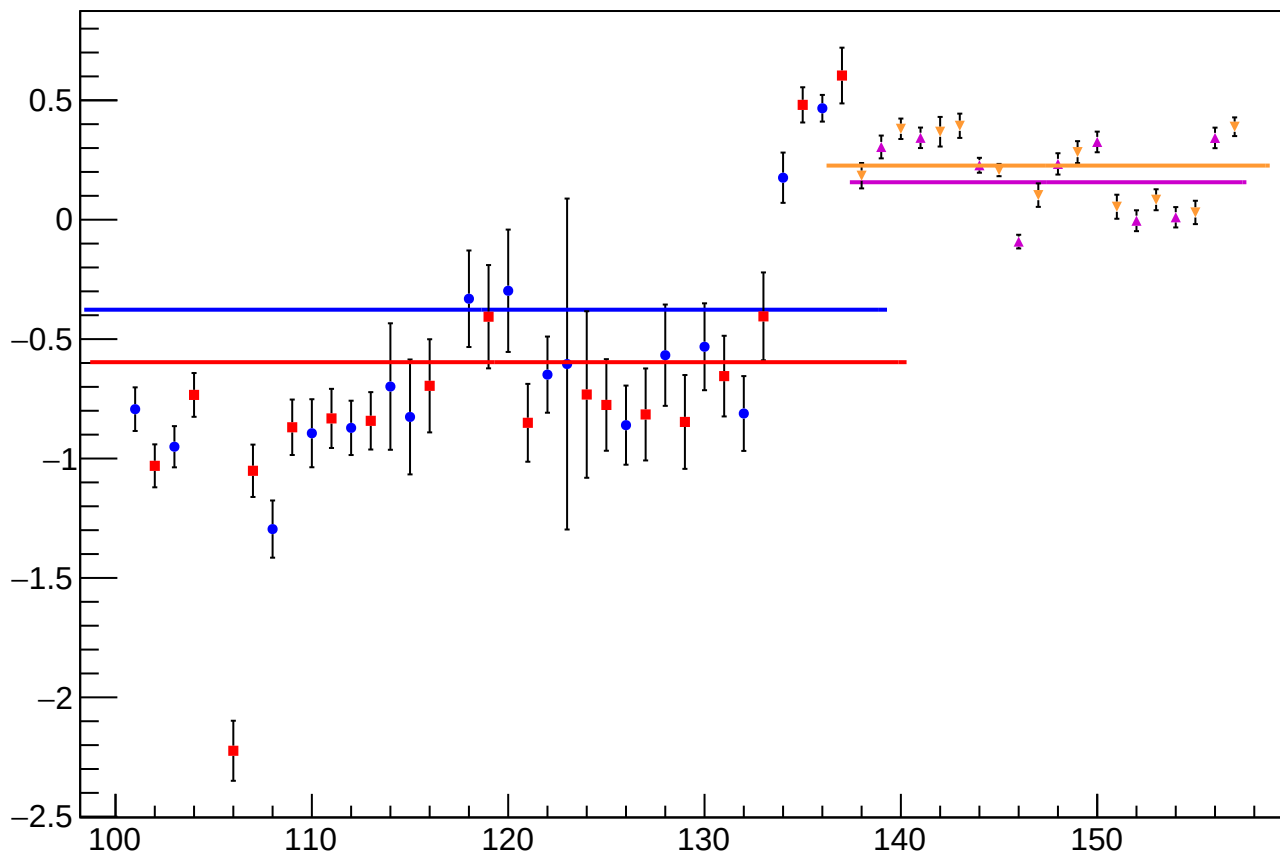
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 27.218 $\pm$ 0.237 χ^2 /NDF:663.5/25

Out: 25.823 $\pm$ 0.245 χ^2 /NDF:773.1/28

All: 26.545 $\pm$ 0.170 χ^2 /NDF: 1453.3/54

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.227 ± 0.013 χ^2/NDF : 93.6/10

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.157 ± 0.013 χ^2/NDF : 171.0/8

Left: 0.192 ± 0.009 χ^2/NDF : 279.0/19

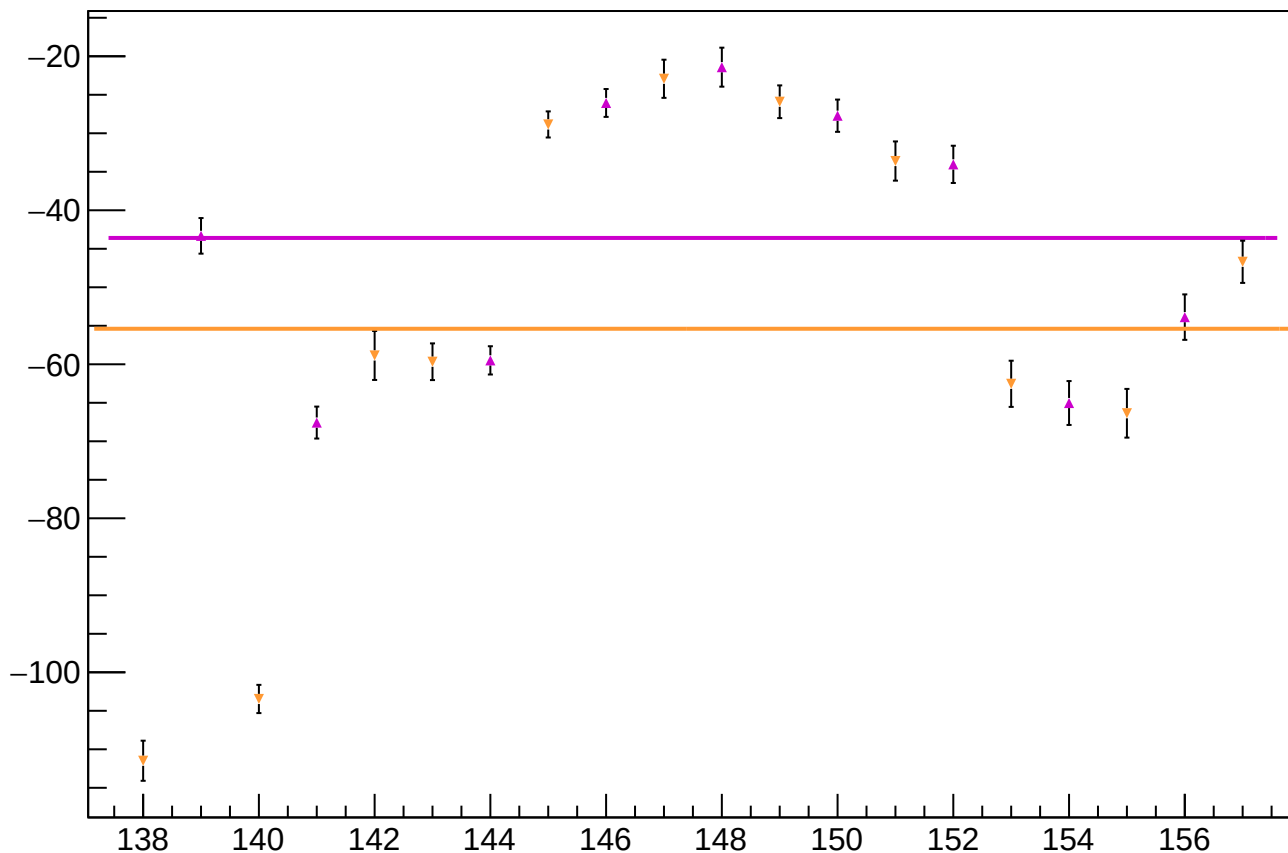
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.072 ± 0.012 χ^2/NDF : 873.1/25

Out: 0.098 ± 0.012 χ^2/NDF : 1270.3/28

All: 0.085 ± 0.008 χ^2/NDF : 2145.8/54

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -55.386+/-0.716 χ^2/NDF :1867.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.593+/-0.742 χ^2/NDF :520.9/8

Left: -49.704+/-0.515 χ^2/NDF : 2518.6/19

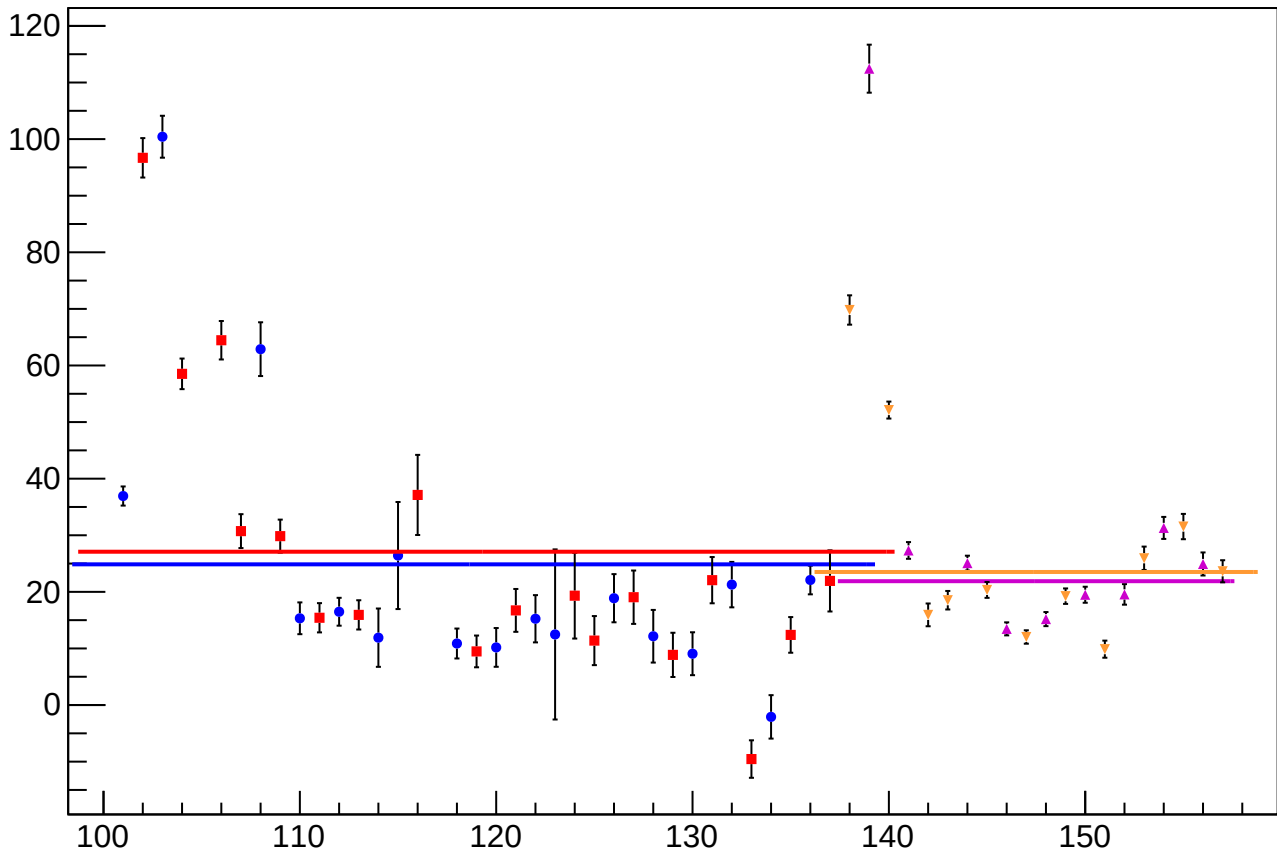
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.593+/-0.742 χ^2/NDF :520.9/8

Out: -55.386+/-0.716 χ^2/NDF :1867.0/10

All: -49.704+/-0.515 χ^2/NDF : 2518.6/19

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 23.514 $\pm$ 0.493 χ^2 /NDF: 911.2/10

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 21.886 $\pm$ 0.513 χ^2 /NDF: 587.9/8

Left: 22.732 $\pm$ 0.355 χ^2 /NDF: 1504.3/19

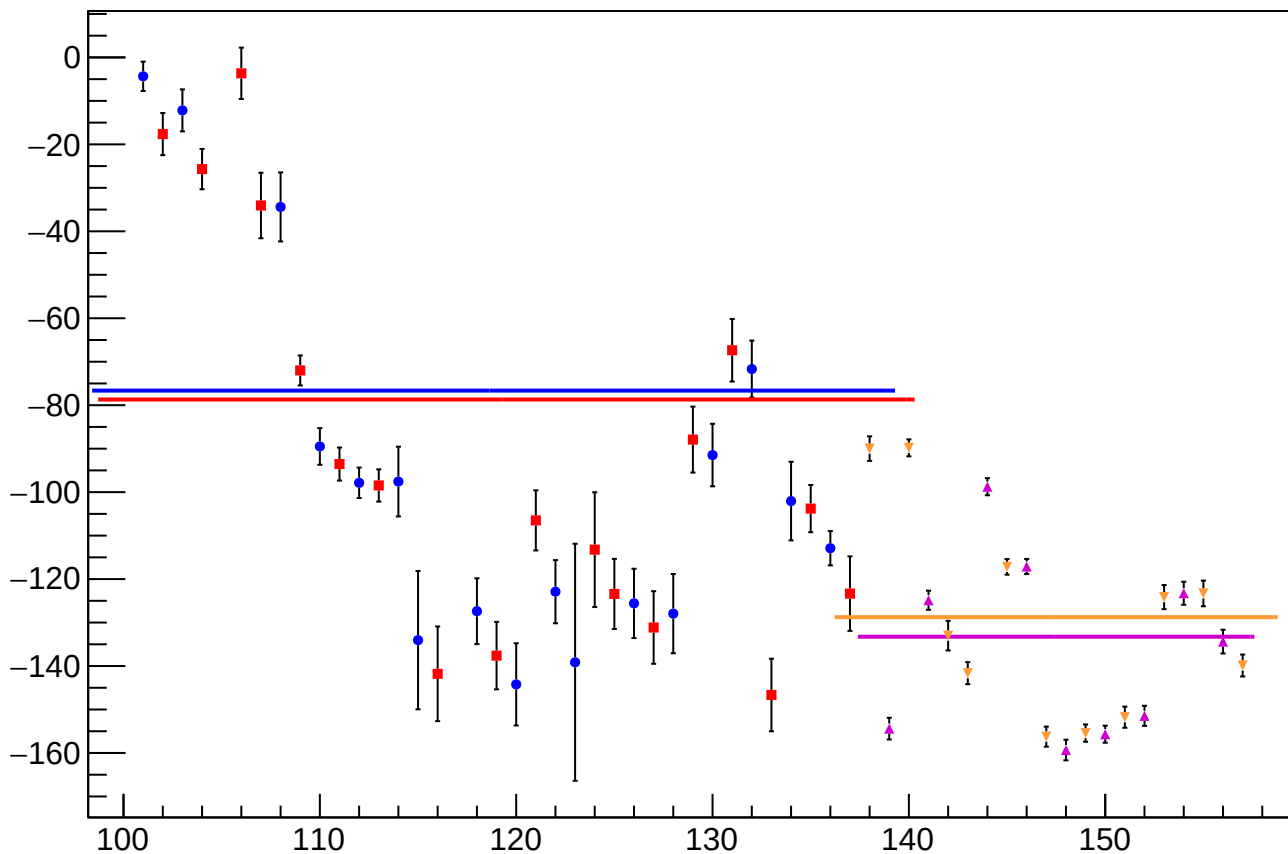
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 22.750 $\pm$ 0.432 χ^2 /NDF: 1288.7/25

Out: 24.479 $\pm$ 0.421 χ^2 /NDF: 1856.3/28

All: 23.636 $\pm$ 0.302 χ^2 /NDF: 3153.2/54

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -128.751 ± 0.716 χ^2/NDF : 1092.1/10

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -133.257 ± 0.734 χ^2/NDF : 808.2/8

Left: -130.948 ± 0.513 χ^2/NDF : 1919.6/19

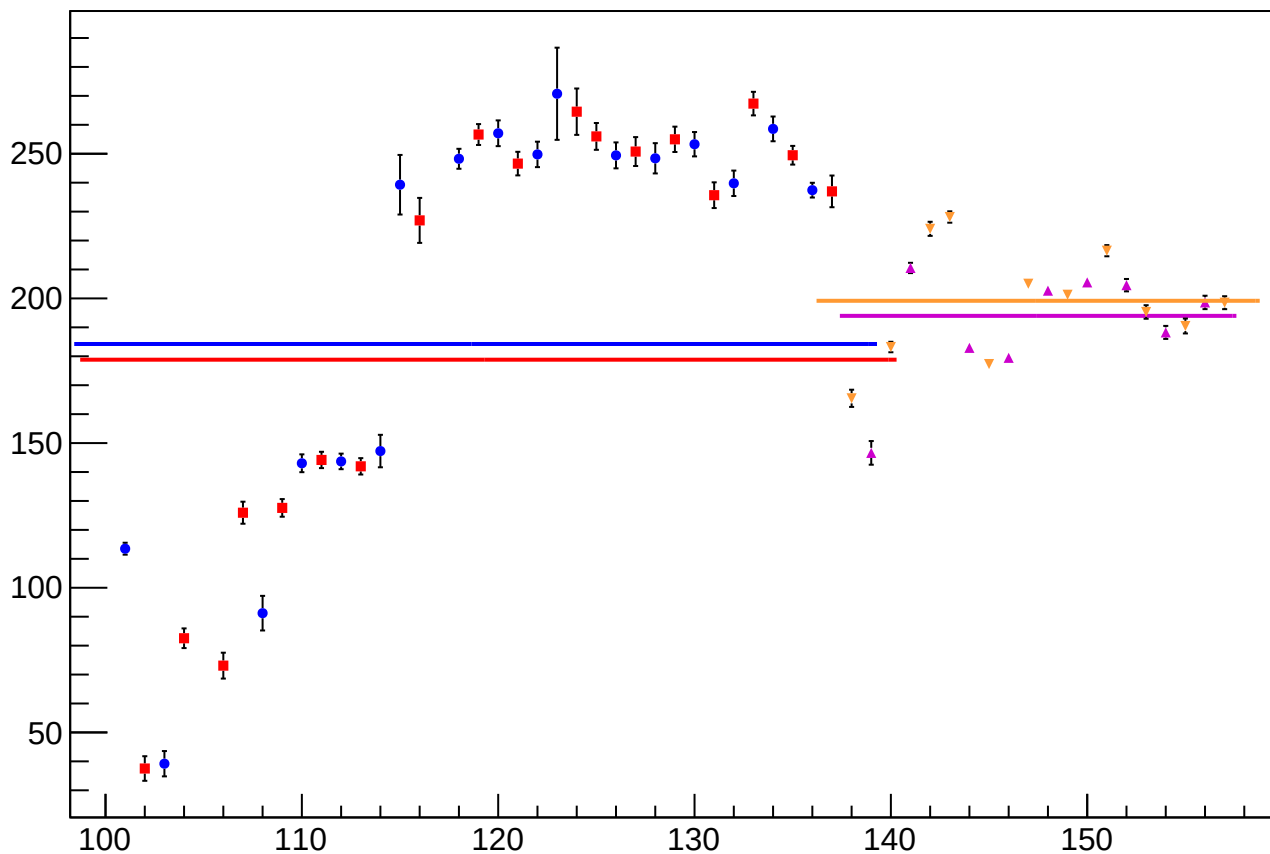
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -121.251 ± 0.652 χ^2/NDF : 3110.7/25

Out: -117.889 ± 0.634 χ^2/NDF : 2989.4/28

All: -119.523 ± 0.454 χ^2/NDF : 6113.8/54

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 199.180 $\pm$ 0.600 χ^2 /NDF:822.5/10

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 193.971 $\pm$ 0.622 χ^2 /NDF:484.0/8

Left: 196.671 $\pm$ 0.432 χ^2 /NDF: 1342.9/19

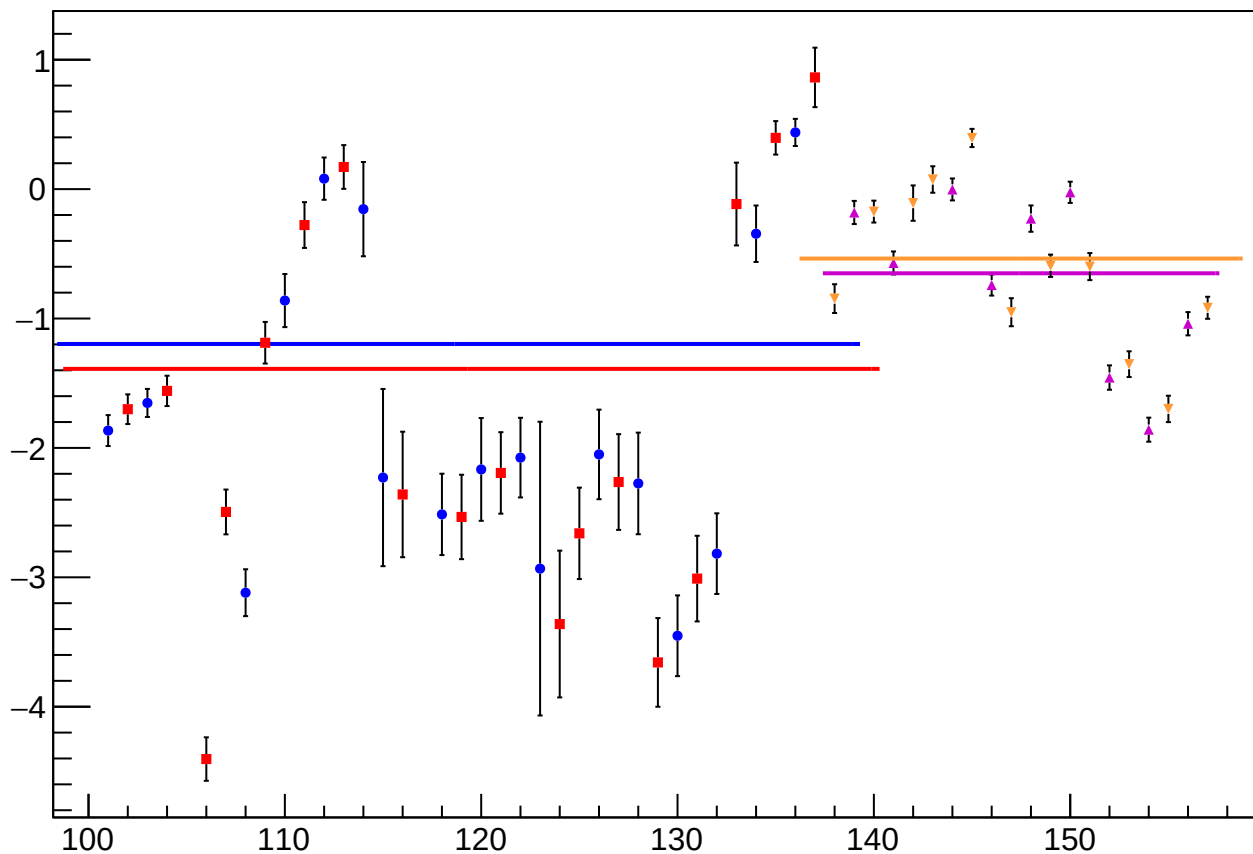
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 190.900 $\pm$ 0.514 χ^2 /NDF:5949.9/25

Out: 193.164 $\pm$ 0.503 χ^2 /NDF:7334.1/28

All: 192.057 $\pm$ 0.360 χ^2 /NDF: 13293.9/54

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.537 ± 0.029 χ^2/NDF : 479.9/10

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.650 ± 0.030 χ^2/NDF : 425.0/8

Left: -0.592 ± 0.021 χ^2/NDF : 912.5/19

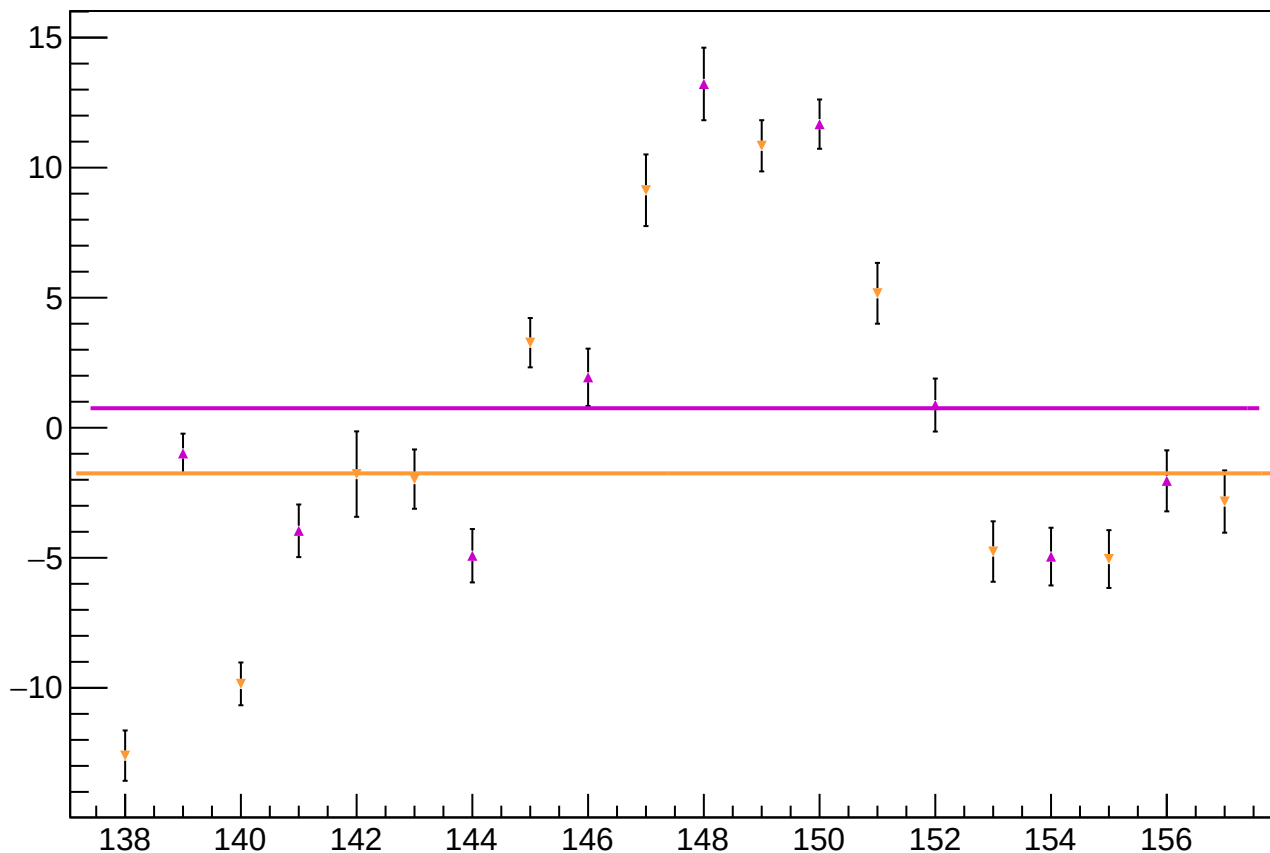
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.801 ± 0.025 χ^2/NDF : 1139.9/25

Out: -0.774 ± 0.024 χ^2/NDF : 1649.1/28

All: -0.787 ± 0.018 χ^2/NDF : 2789.5/54

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1.752 $\pm$ 0.327 χ^2 /NDF:528.1/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.751 $\pm$ 0.341 χ^2 /NDF:303.6/8

Left: -0.551 $\pm$ 0.236 χ^2 /NDF: 859.8/19

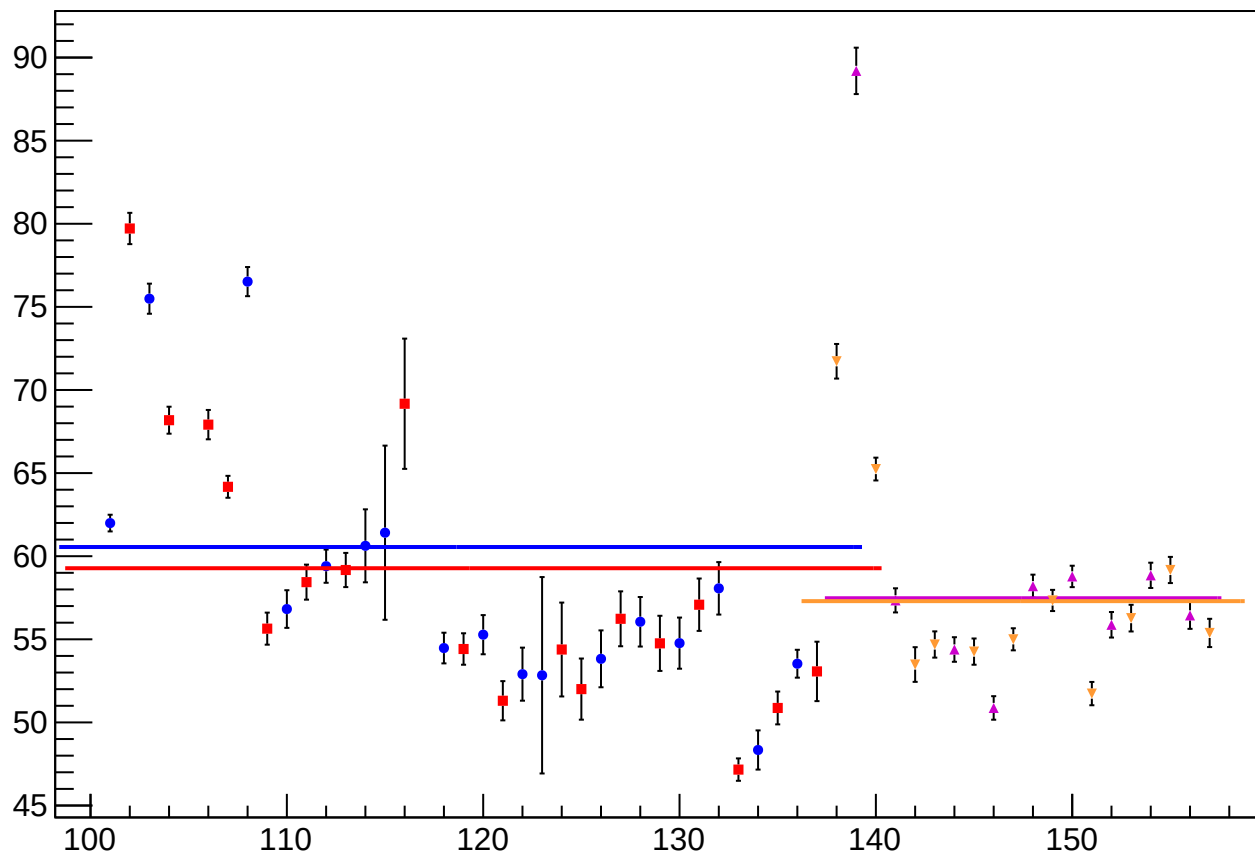
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.751 $\pm$ 0.341 χ^2 /NDF:303.6/8

Out: -1.752 $\pm$ 0.327 χ^2 /NDF:528.1/10

All: -0.551 $\pm$ 0.236 χ^2 /NDF: 859.8/19

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 57.296 ± 0.233 $\chi^2/\text{NDF}: 452.4/10$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 57.470 ± 0.253 $\chi^2/\text{NDF}: 635.4/8$

Left: 57.376 ± 0.171 $\chi^2/\text{NDF}: 1088.0/19$

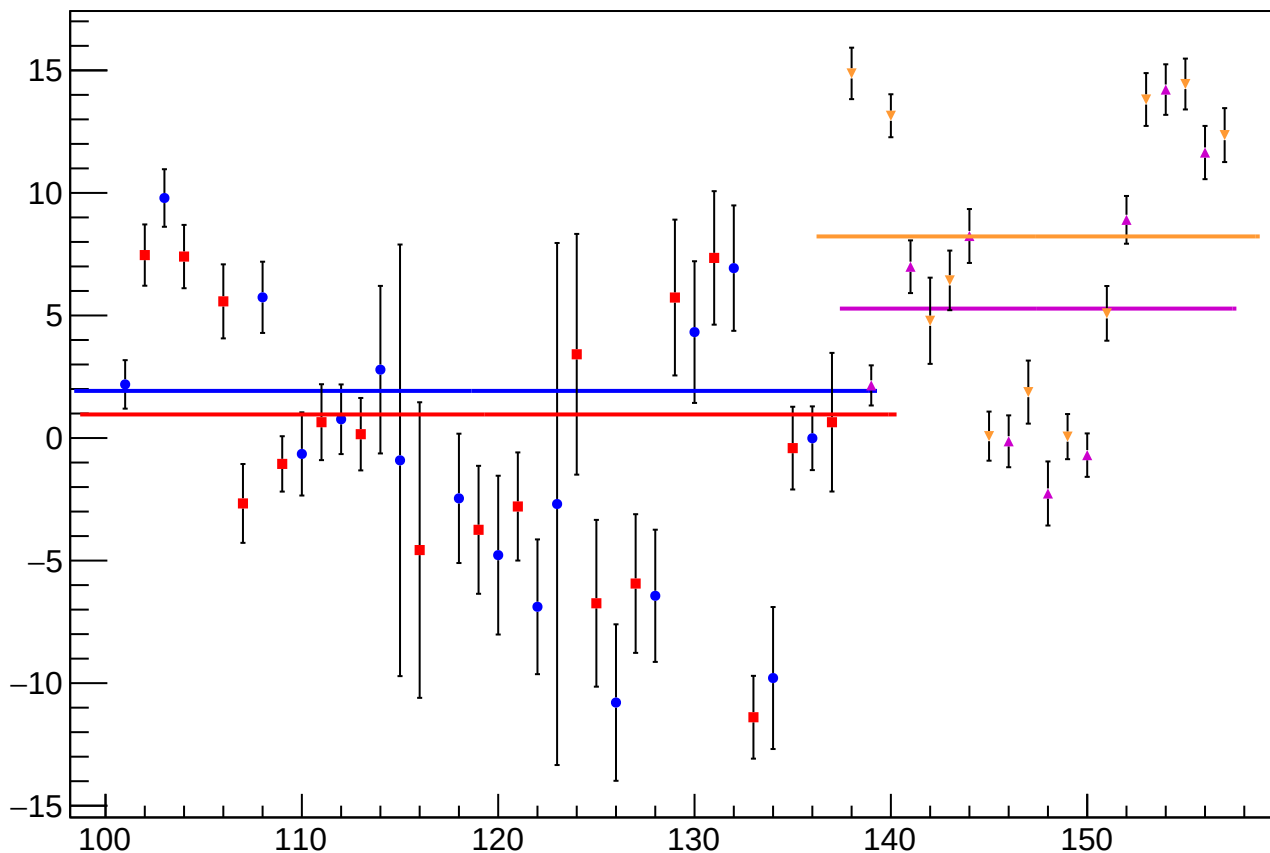
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 58.956 ± 0.182 $\chi^2/\text{NDF}: 1638.1/25$

Out: 58.219 ± 0.170 $\chi^2/\text{NDF}: 1761.0/28$

All: 58.563 ± 0.124 $\chi^2/\text{NDF}: 3407.9/54$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.225 ± 0.326 χ^2/NDF : 331.7/10

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 5.281 ± 0.338 χ^2/NDF : 252.7/8

Left: 6.804 ± 0.234 χ^2/NDF : 623.7/19

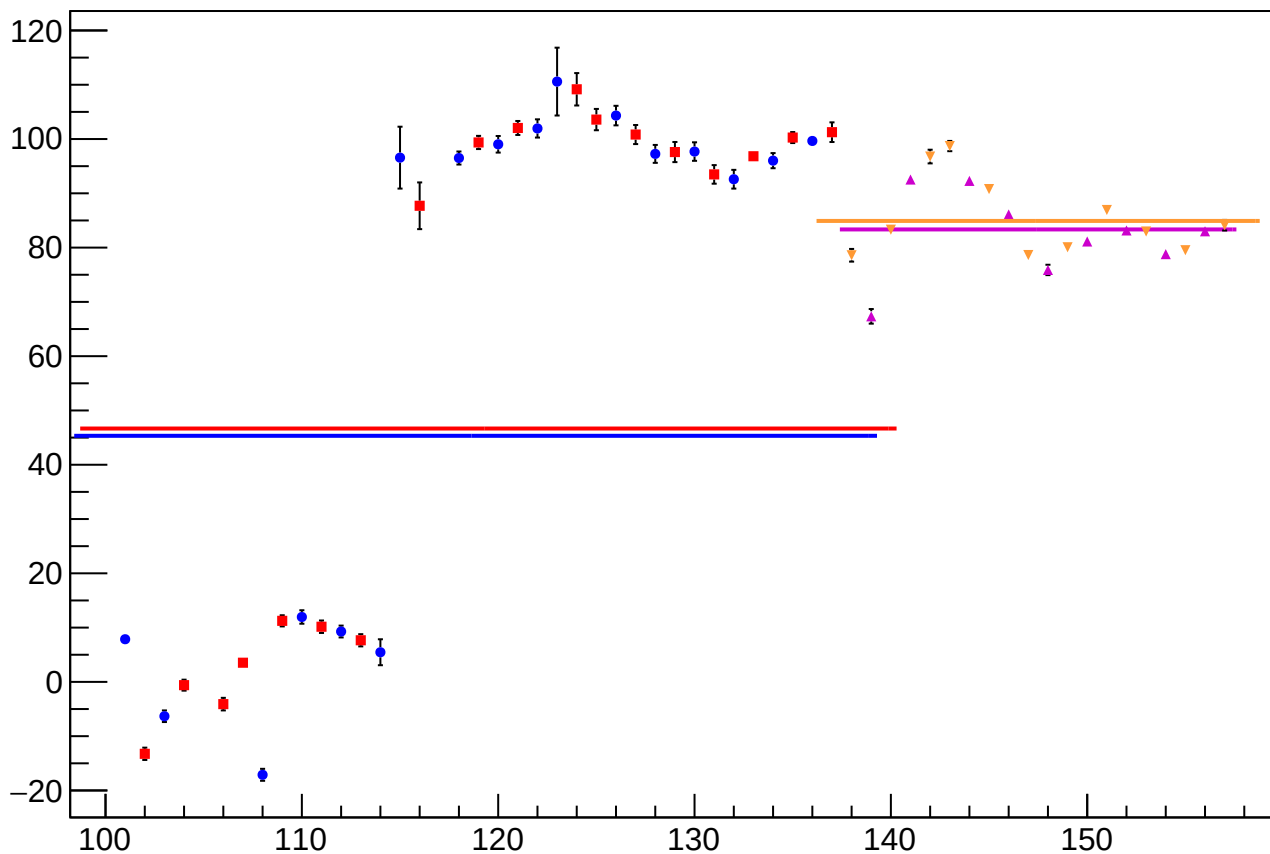
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 4.100 ± 0.272 χ^2/NDF : 408.6/25

Out: 5.571 ± 0.260 χ^2/NDF : 663.1/28

All: 4.869 ± 0.188 χ^2/NDF : 1087.0/54

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 84.914+/-0.279 χ^2/NDF : 510.8/10

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 83.346+/-0.300 χ^2/NDF : 464.8/8

Left: 84.187+/-0.204 χ^2/NDF : 990.2/19

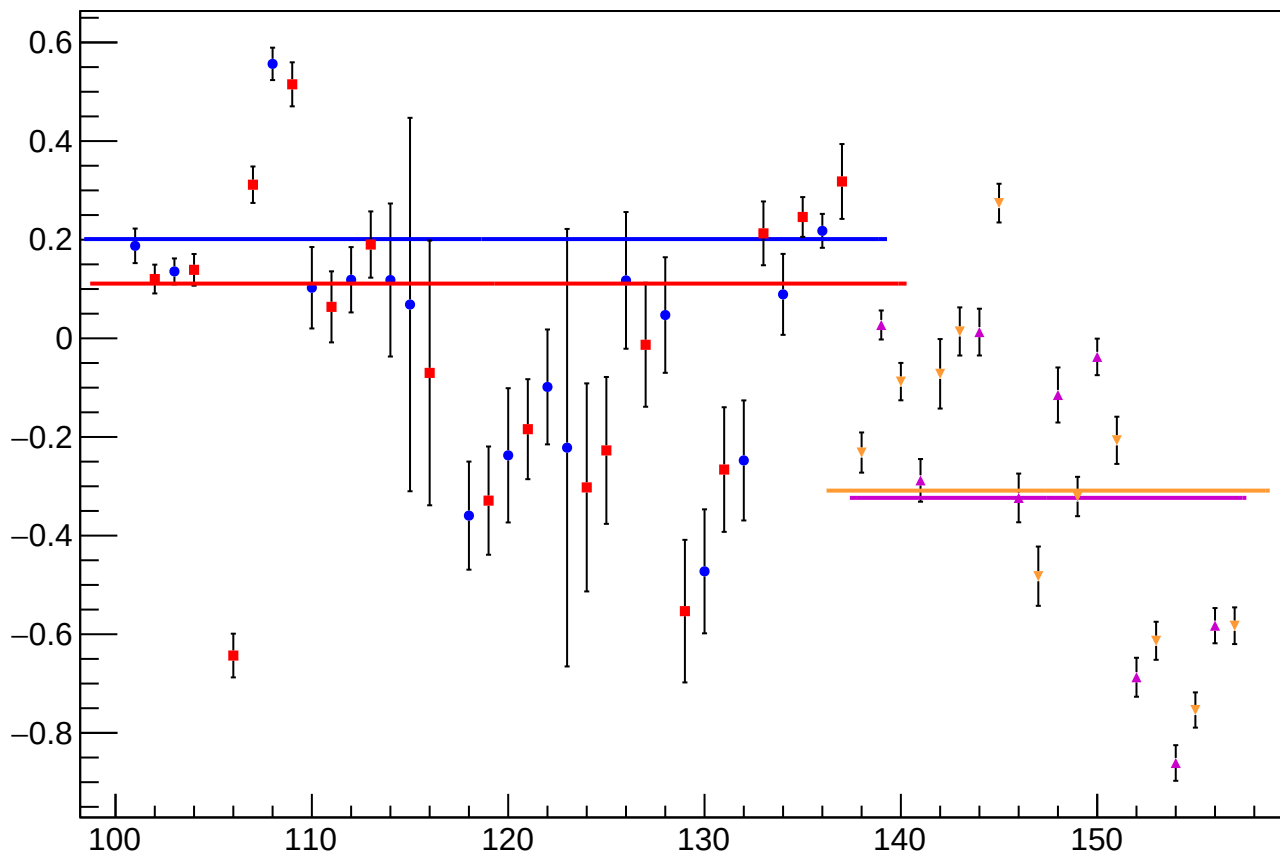
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 64.547+/-0.213 χ^2/NDF : 33397.2/25

Out: 66.571+/-0.201 χ^2/NDF : 37407.9/28

All: 65.618+/-0.146 χ^2/NDF : 70852.7/54

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.309 ± 0.013 χ^2/NDF : 597.9/10

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.323 ± 0.013 χ^2/NDF : 625.4/8

Left: -0.316 ± 0.009 χ^2/NDF : 1223.9/19

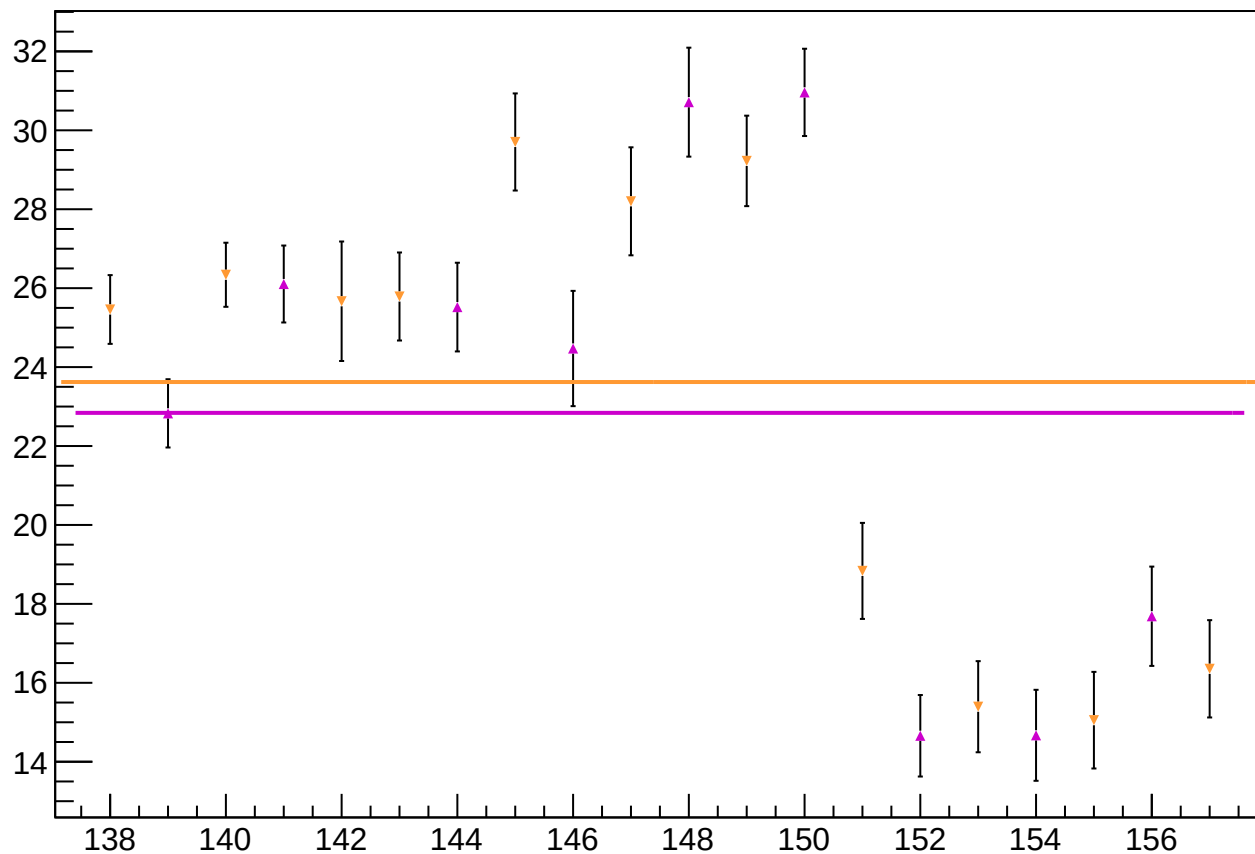
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.078 ± 0.010 χ^2/NDF : 1586.8/25

Out: -0.105 ± 0.009 χ^2/NDF : 1609.2/28

All: -0.092 ± 0.007 χ^2/NDF : 3200.0/54

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.622+/-0.337 χ^2/NDF :230.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.840+/-0.370 χ^2/NDF :234.4/8

Left: 23.267+/-0.249 χ^2/NDF : 467.6/19

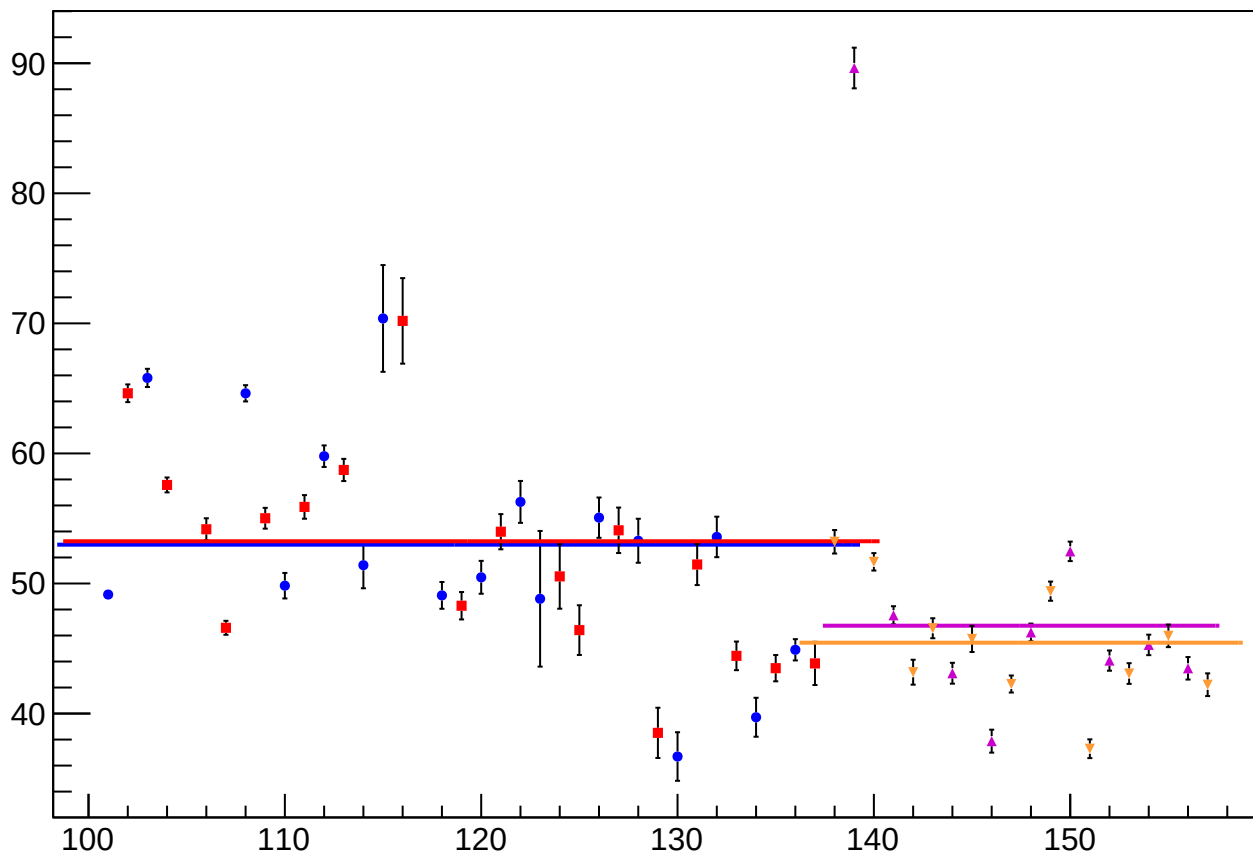
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.840+/-0.370 χ^2/NDF :234.4/8

Out: 23.622+/-0.337 χ^2/NDF :230.8/10

All: 23.267+/-0.249 χ^2/NDF : 467.6/19

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.448 $\pm$ 0.239 χ^2 /NDF: 370.4/10

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 46.755 $\pm$ 0.269 χ^2 /NDF: 964.4/8

Left: 46.025 $\pm$ 0.178 χ^2 /NDF: 1348.0/19

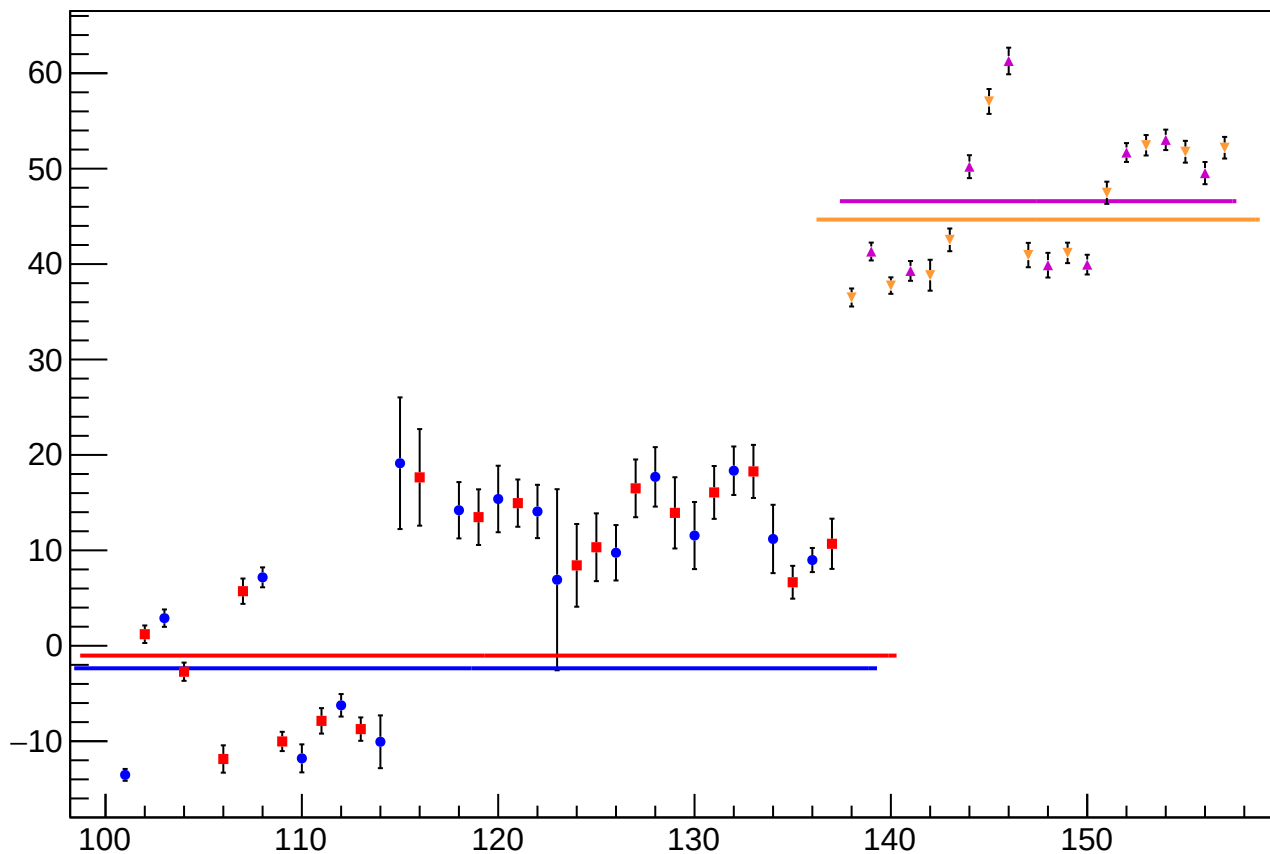
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 50.617 $\pm$ 0.166 χ^2 /NDF: 2495.8/25

Out: 49.540 $\pm$ 0.165 χ^2 /NDF: 1786.2/28

All: 50.076 $\pm$ 0.117 χ^2 /NDF: 4303.3/54

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 44.664 ± 0.338 χ^2/NDF : 405.3/10

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 46.591 ± 0.367 χ^2/NDF : 338.5/8

Left: 45.548 ± 0.248 χ^2/NDF : 758.7/19

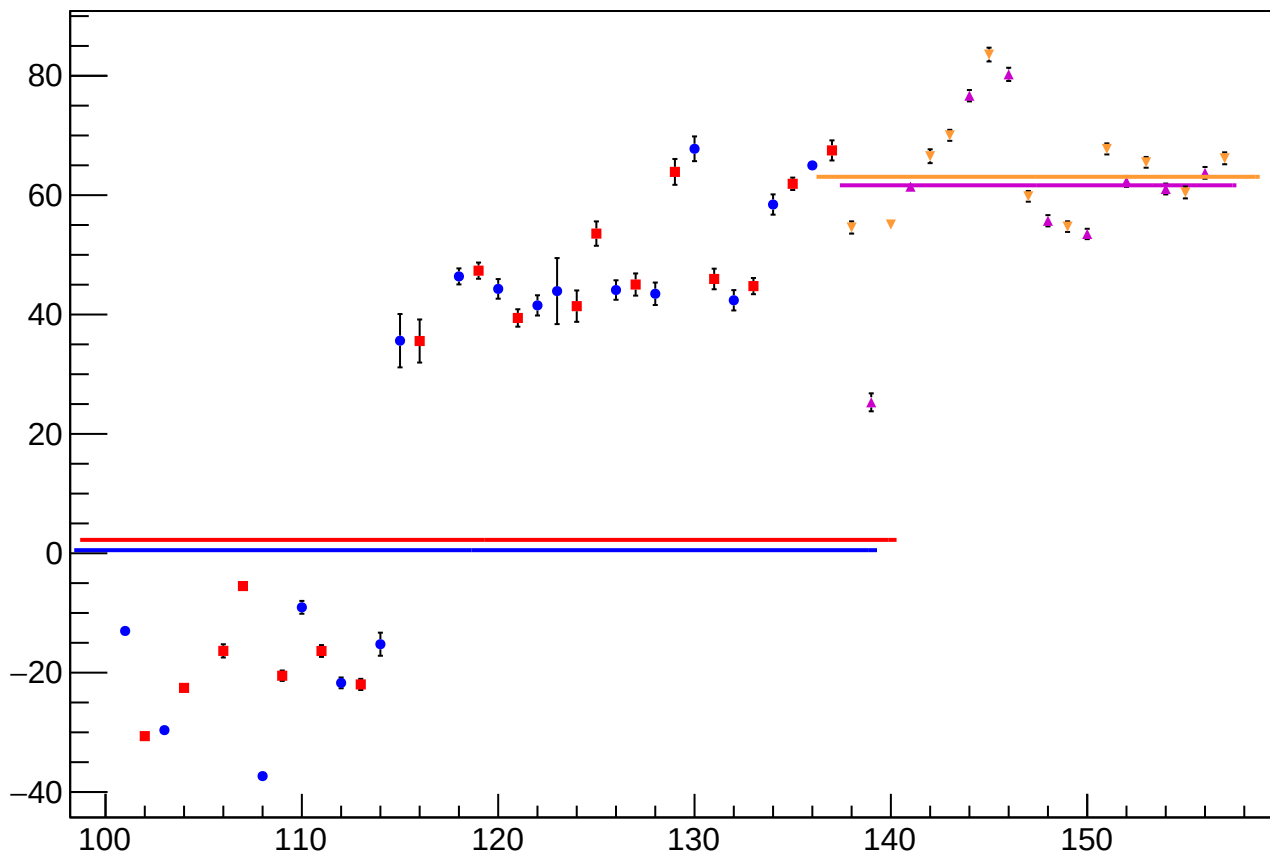
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 21.951 ± 0.258 χ^2/NDF : 10151.4/25

Out: 24.514 ± 0.253 χ^2/NDF : 8984.6/28

All: 23.262 ± 0.181 χ^2/NDF : 19186.3/54

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 63.076+/-0.288 χ^2/NDF : 696.6/10

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 61.650+/-0.322 χ^2/NDF : 1246.9/8

Left: 62.441+/-0.215 χ^2/NDF : 1954.4/19

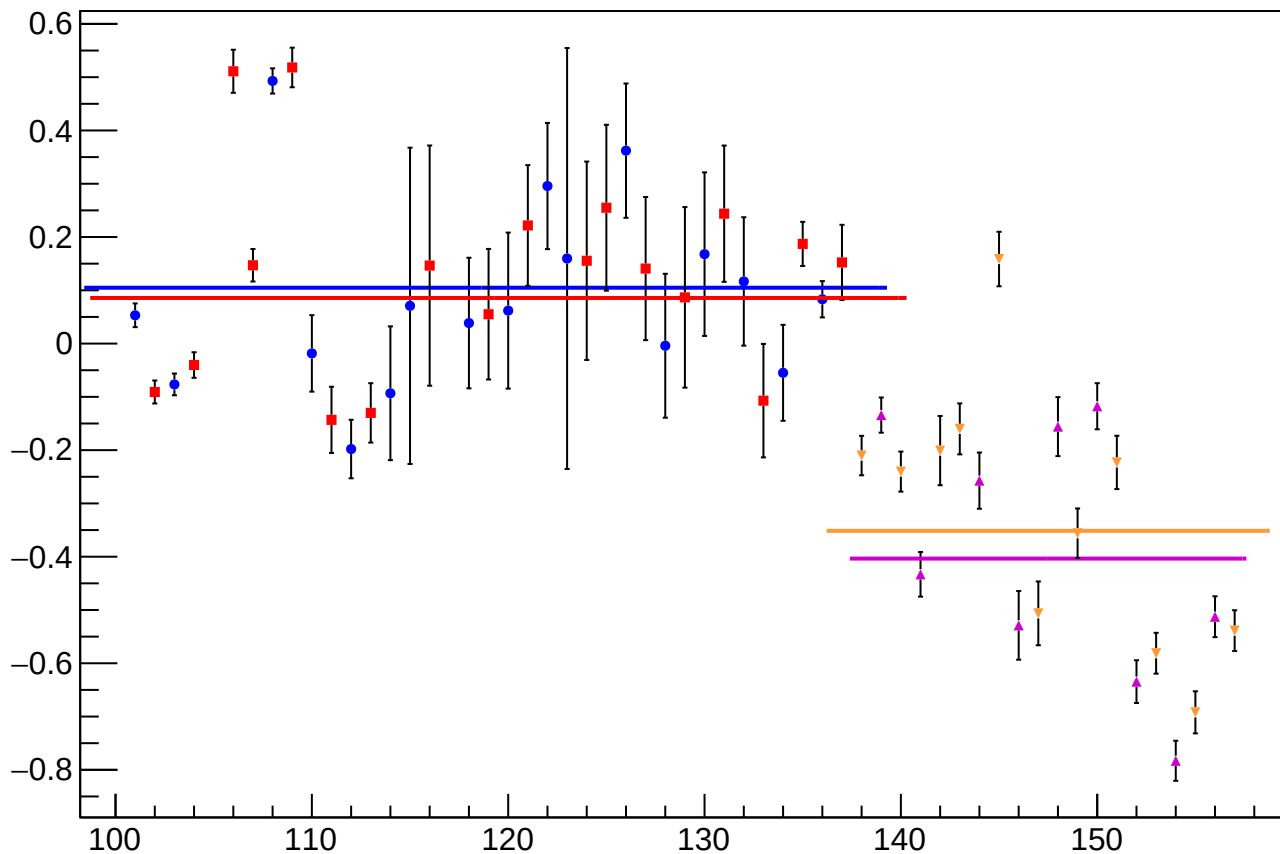
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 23.187+/-0.196 χ^2/NDF : 42360.7/25

Out: 30.402+/-0.196 χ^2/NDF : 40026.0/28

All: 26.792+/-0.139 χ^2/NDF : 83064.8/54

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.351 ± 0.013 $\chi^2/\text{NDF}: 291.7/10$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.404 ± 0.014 $\chi^2/\text{NDF}: 285.4/8$

Left: -0.376 ± 0.010 $\chi^2/\text{NDF}: 584.3/19$

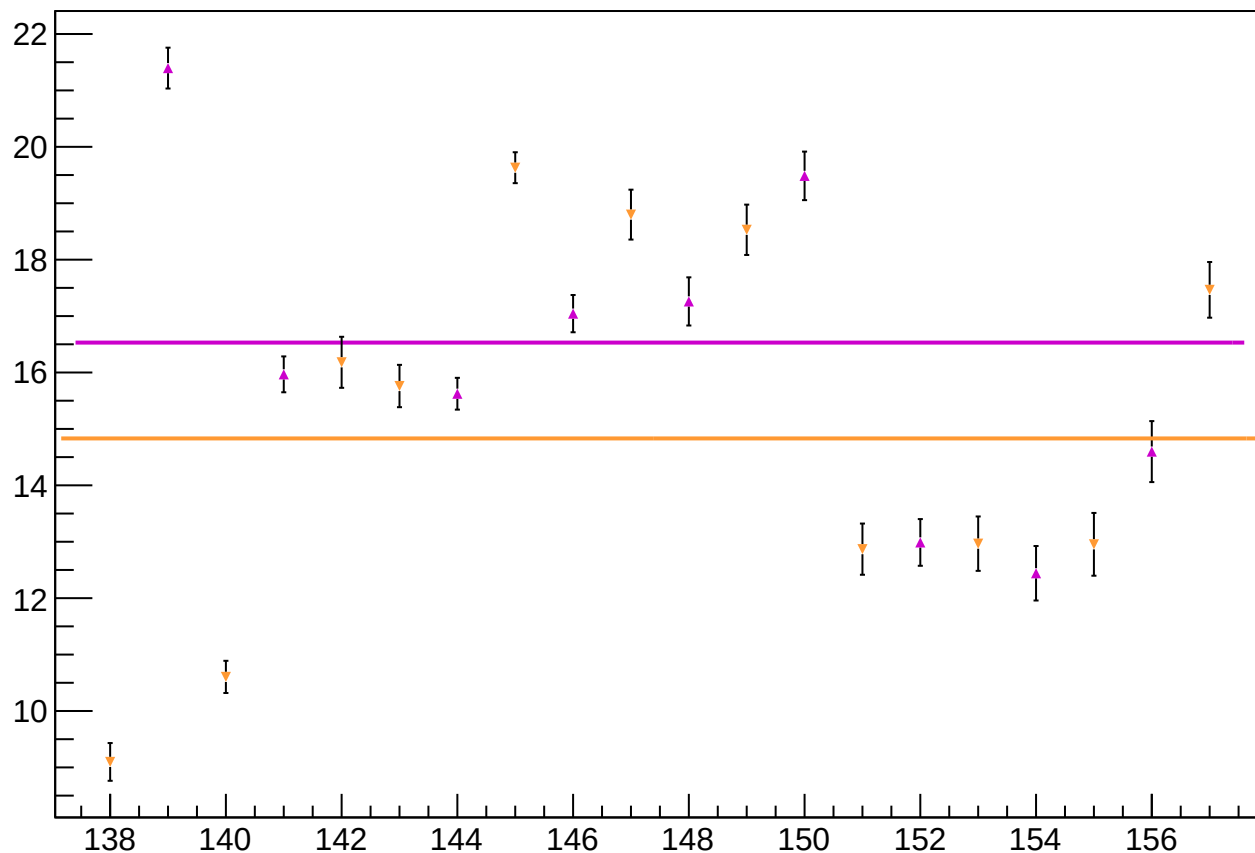
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.087 ± 0.009 $\chi^2/\text{NDF}: 1485.2/25$

Out: -0.093 ± 0.009 $\chi^2/\text{NDF}: 1316.4/28$

All: -0.090 ± 0.006 $\chi^2/\text{NDF}: 2801.8/54$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.530+/-0.125 χ^2/NDF :404.3/8

Left: 15.622+/-0.085 χ^2/NDF : 1560.0/19

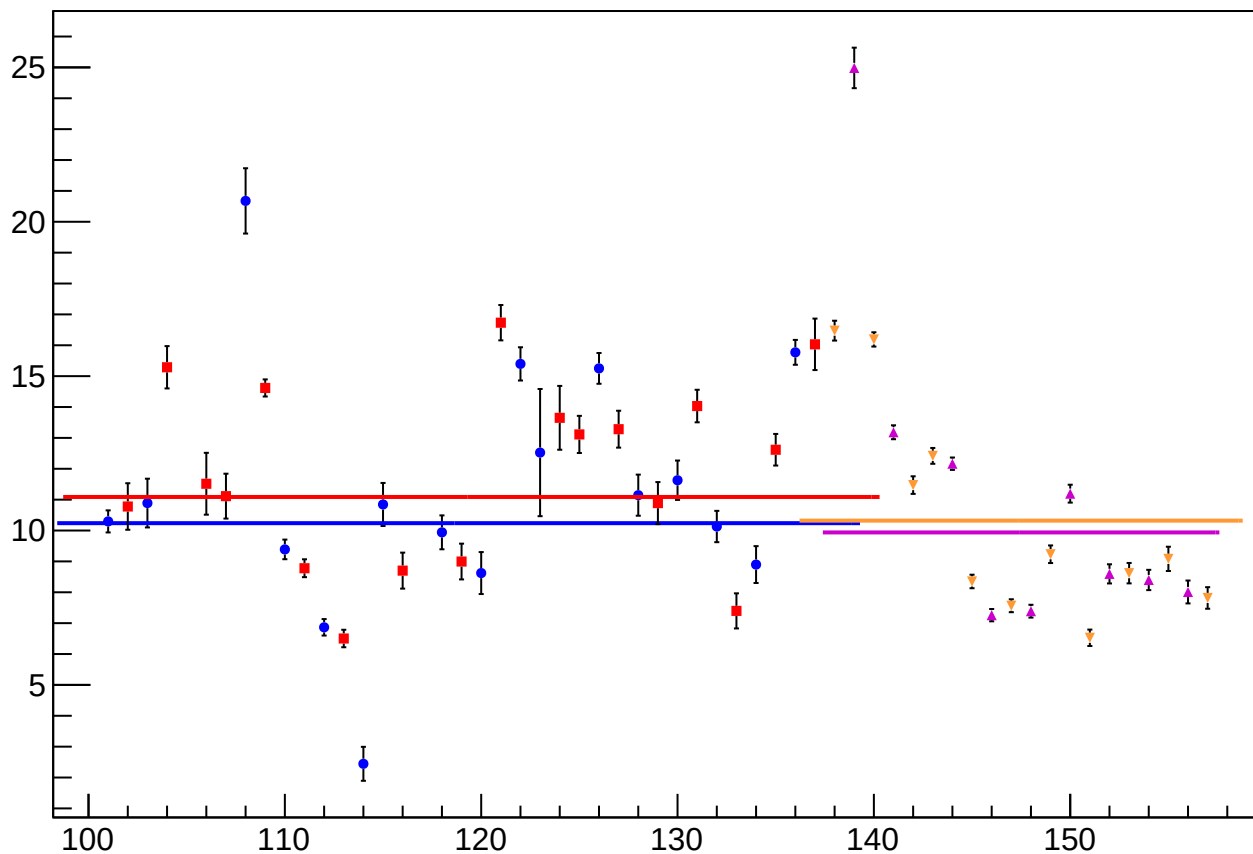
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.530+/-0.125 χ^2/NDF :404.3/8

Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

All: 15.622+/-0.085 χ^2/NDF : 1560.0/19

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.320+/-0.082 χ^2/NDF :1652.6/10

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 9.938+/-0.086 χ^2/NDF :1275.5/8

Left: 10.140+/-0.059 χ^2/NDF : 2938.4/19

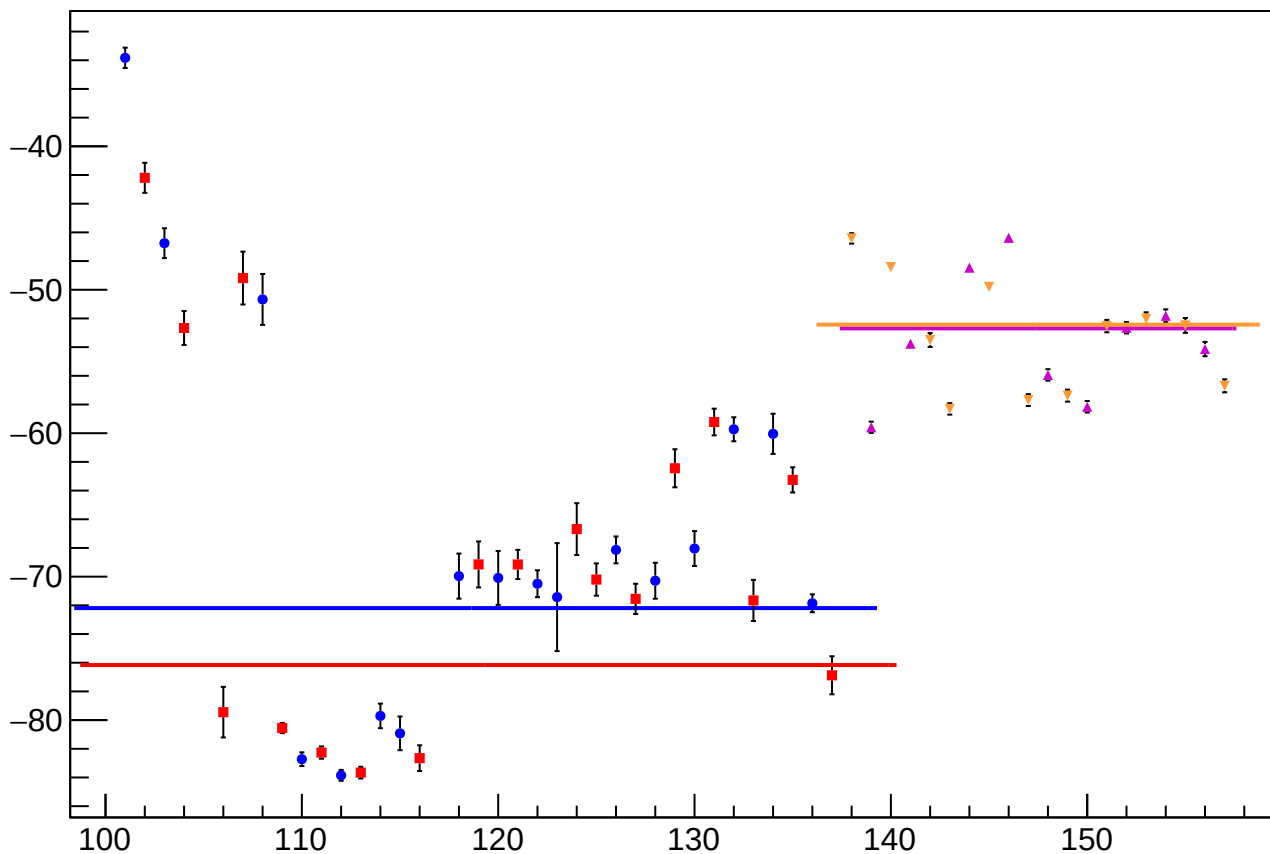
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 10.042+/-0.070 χ^2/NDF :2147.0/25

Out: 10.573+/-0.067 χ^2/NDF :2482.6/28

All: 10.319+/-0.048 χ^2/NDF : 4659.9/54

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.431 ± 0.119 χ^2/NDF : 1142.9/10

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -52.693 ± 0.125 χ^2/NDF : 1176.4/8

Left: -52.555 ± 0.086 χ^2/NDF : 2321.6/19

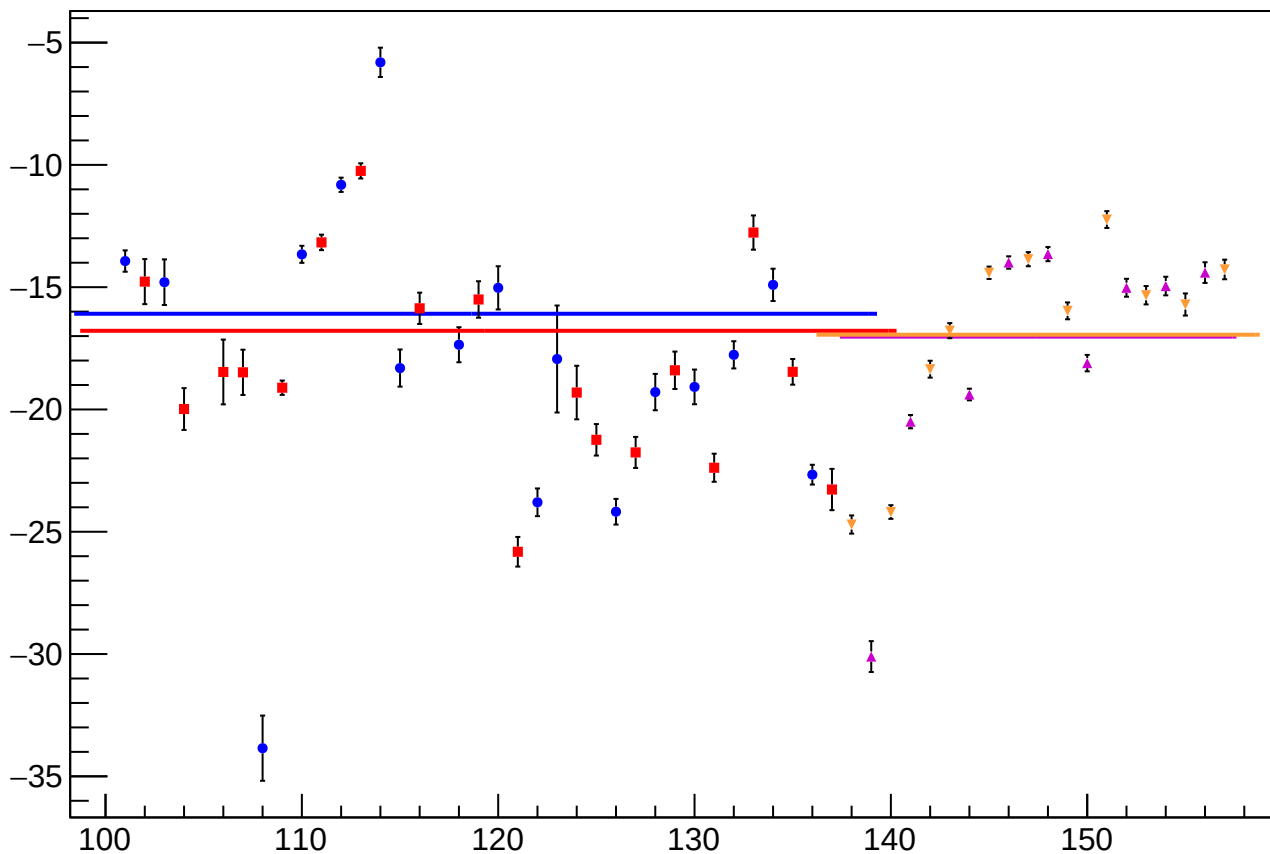
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -58.245 ± 0.106 χ^2/NDF : 13666.9/25

Out: -59.545 ± 0.099 χ^2/NDF : 16371.1/28

All: -58.937 ± 0.072 χ^2/NDF : 30118.4/54

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

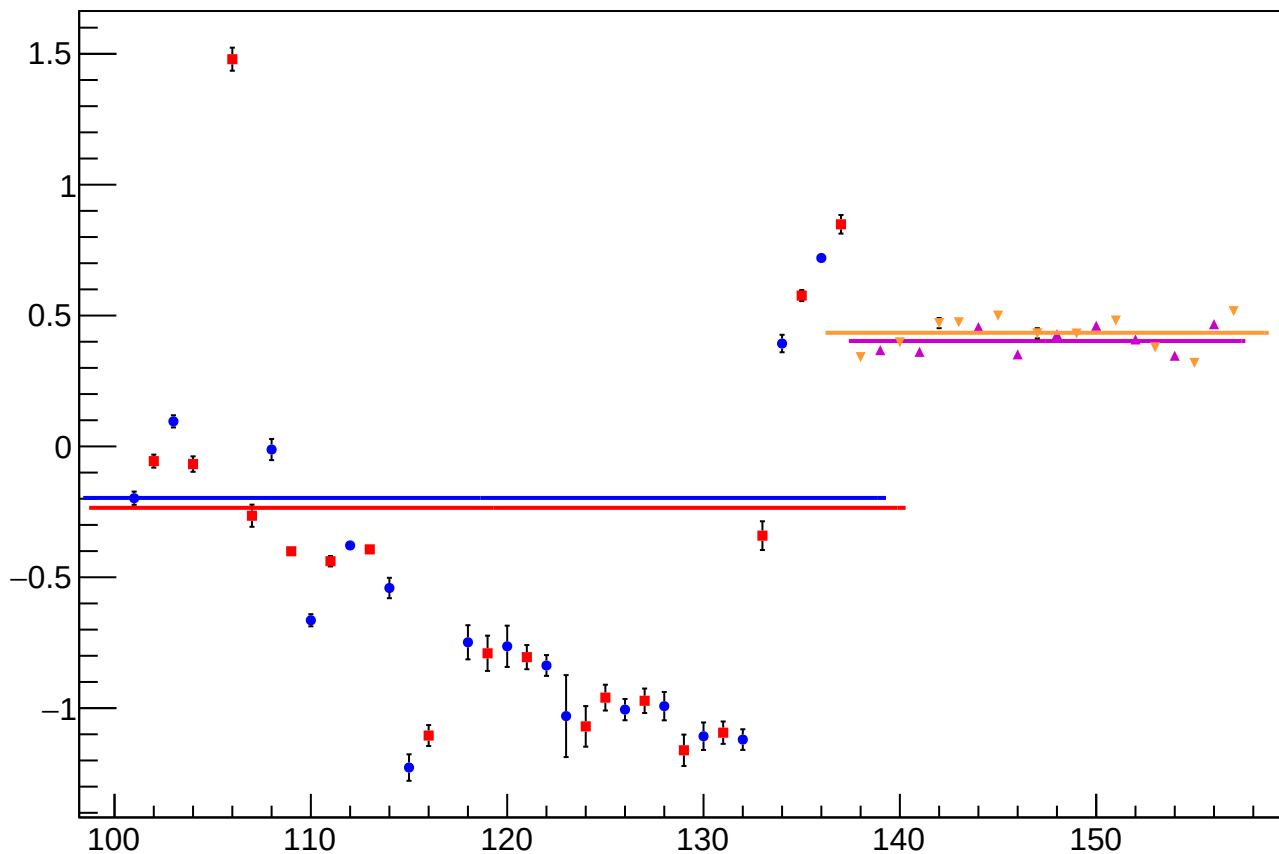


Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -16.944 ± 0.099 $\chi^2/\text{NDF}: 1601.3/10$
 Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$
 Left In: -17.022 ± 0.105 $\chi^2/\text{NDF}: 1077.6/8$

Left: -16.980 ± 0.072 $\chi^2/\text{NDF}: 2679.2/19$
 Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$
 In: -16.659 ± 0.082 $\chi^2/\text{NDF}: 2729.8/25$
 Out: -16.884 ± 0.079 $\chi^2/\text{NDF}: 2806.7/28$

All: -16.777 ± 0.057 $\chi^2/\text{NDF}: 5540.5/54$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.434 ± 0.005 χ^2/NDF : 180.3/10

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.403 ± 0.005 χ^2/NDF : 86.4/8

Left: 0.419 ± 0.003 χ^2/NDF : 287.2/19

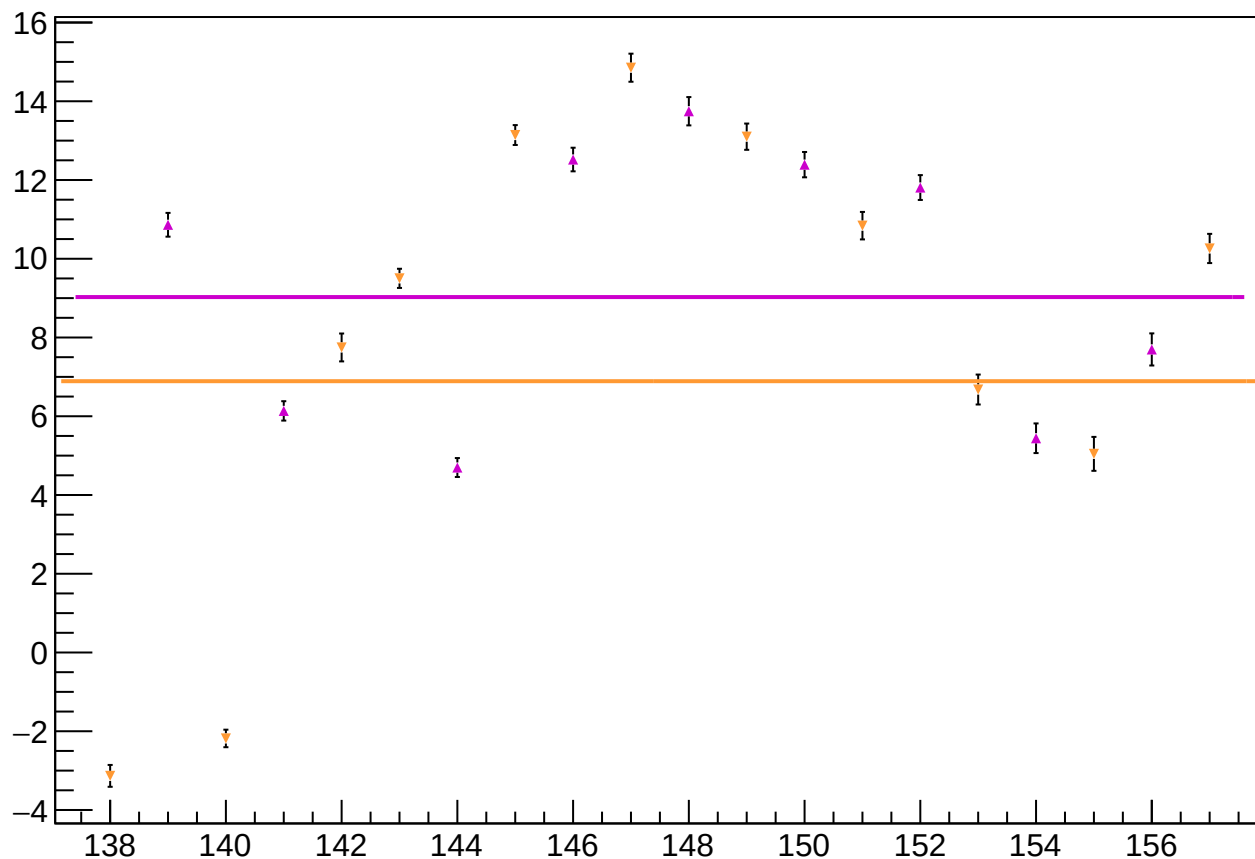
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.218 ± 0.004 χ^2/NDF : 10783.5/25

Out: 0.231 ± 0.004 χ^2/NDF : 12412.6/28

All: 0.225 ± 0.003 χ^2/NDF : 23201.1/54

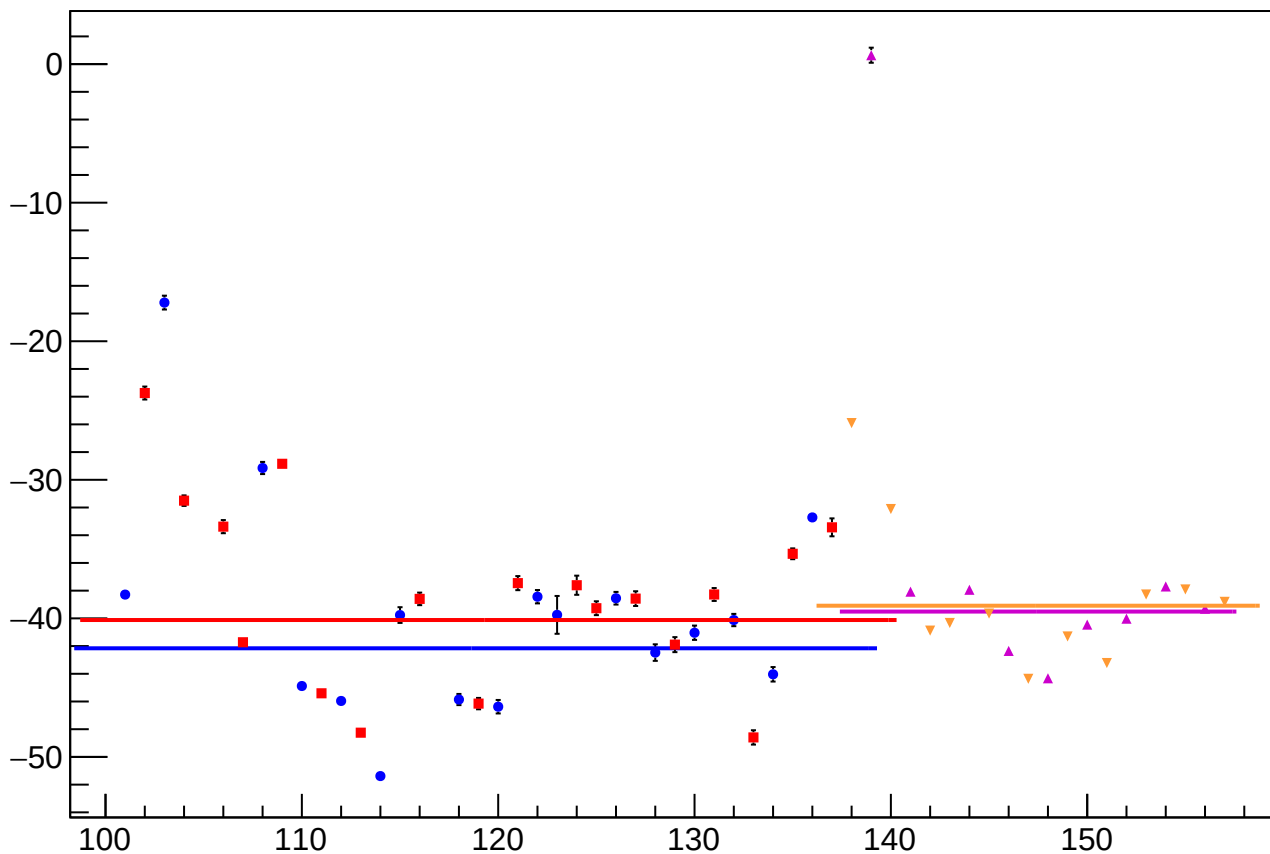
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



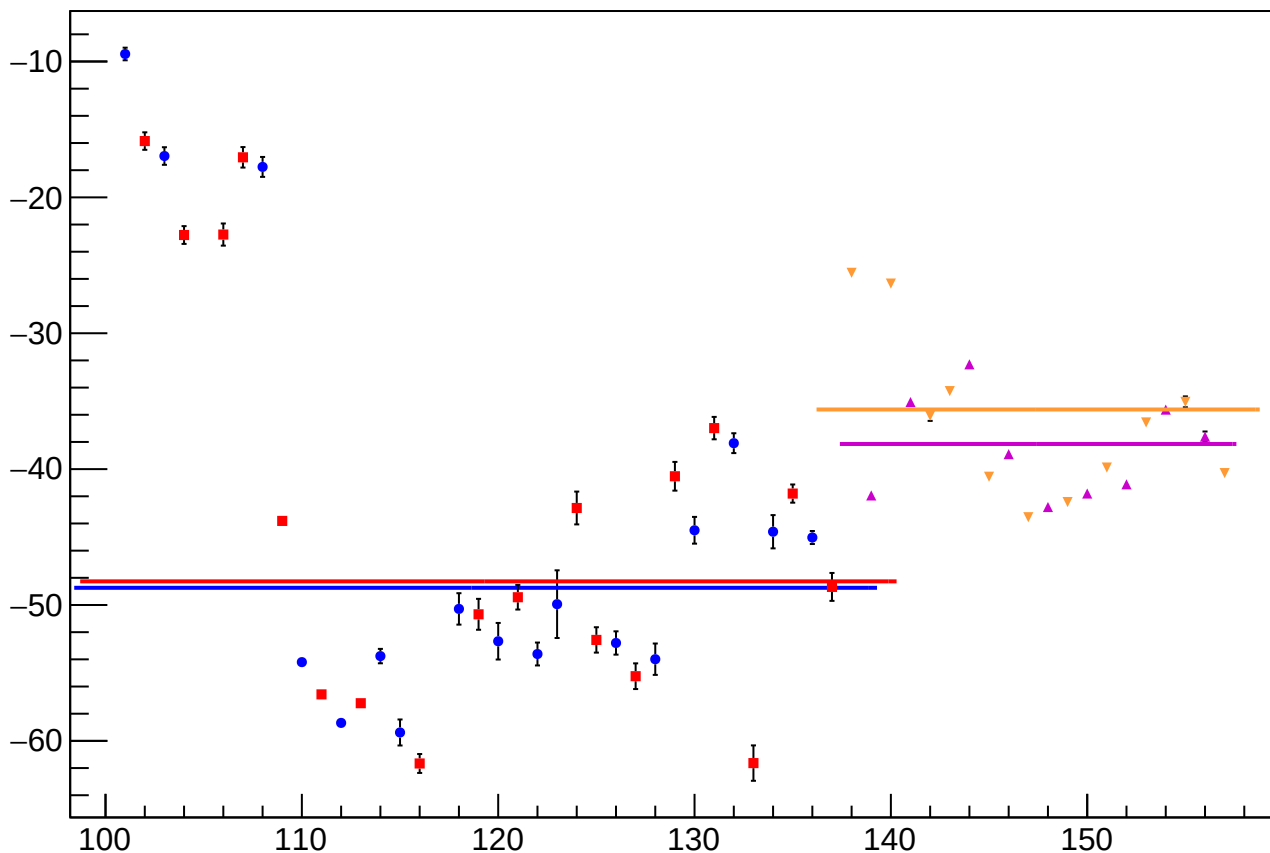
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.890+/-0.092 χ^2/NDF :4773.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.027+/-0.102 χ^2/NDF :1095.7/8

Left: 7.850+/-0.068 χ^2/NDF : 6111.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.027+/-0.102 χ^2/NDF :1095.7/8
 Out: 6.890+/-0.092 χ^2/NDF :4773.3/10
 All: 7.850+/-0.068 χ^2/NDF : 6111.5/19

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -35.612 ± 0.093 $\chi^2/\text{NDF}: 4418.8/10$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -38.150 ± 0.101 $\chi^2/\text{NDF}: 1286.9/8$

Left: -36.771 ± 0.069 $\chi^2/\text{NDF}: 6045.6/19$

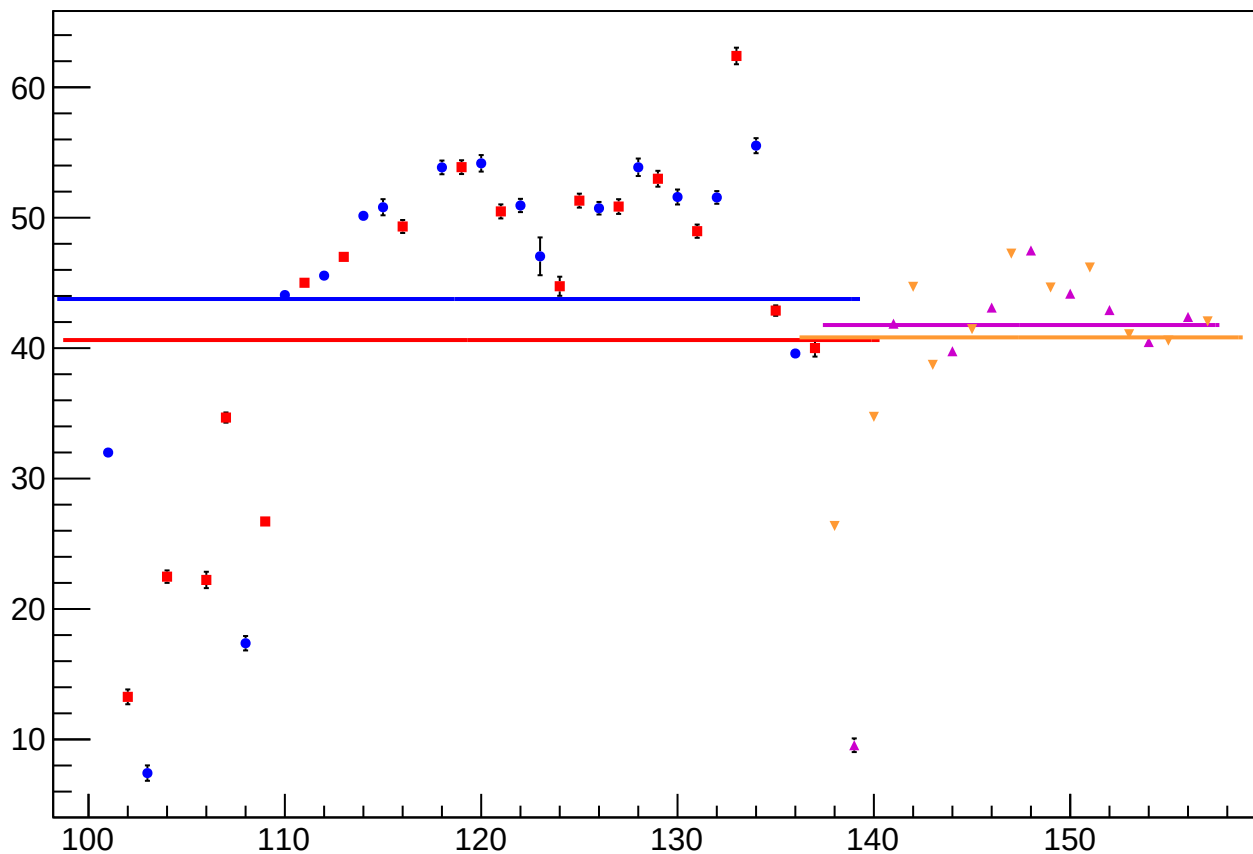
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -42.366 ± 0.079 $\chi^2/\text{NDF}: 20281.4/25$

Out: -41.031 ± 0.070 $\chi^2/\text{NDF}: 23432.4/28$

All: -41.624 ± 0.052 $\chi^2/\text{NDF}: 43873.6/54$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 $\chi^2/\text{NDF}: 10633.5/16$

Left Out: 40.825 ± 0.078 $\chi^2/\text{NDF}: 4663.8/10$

Right Out: 40.620 ± 0.080 $\chi^2/\text{NDF}: 16957.4/17$

Left In: 41.772 ± 0.086 $\chi^2/\text{NDF}: 4582.6/8$

Left: 41.250 ± 0.058 $\chi^2/\text{NDF}: 9313.2/19$

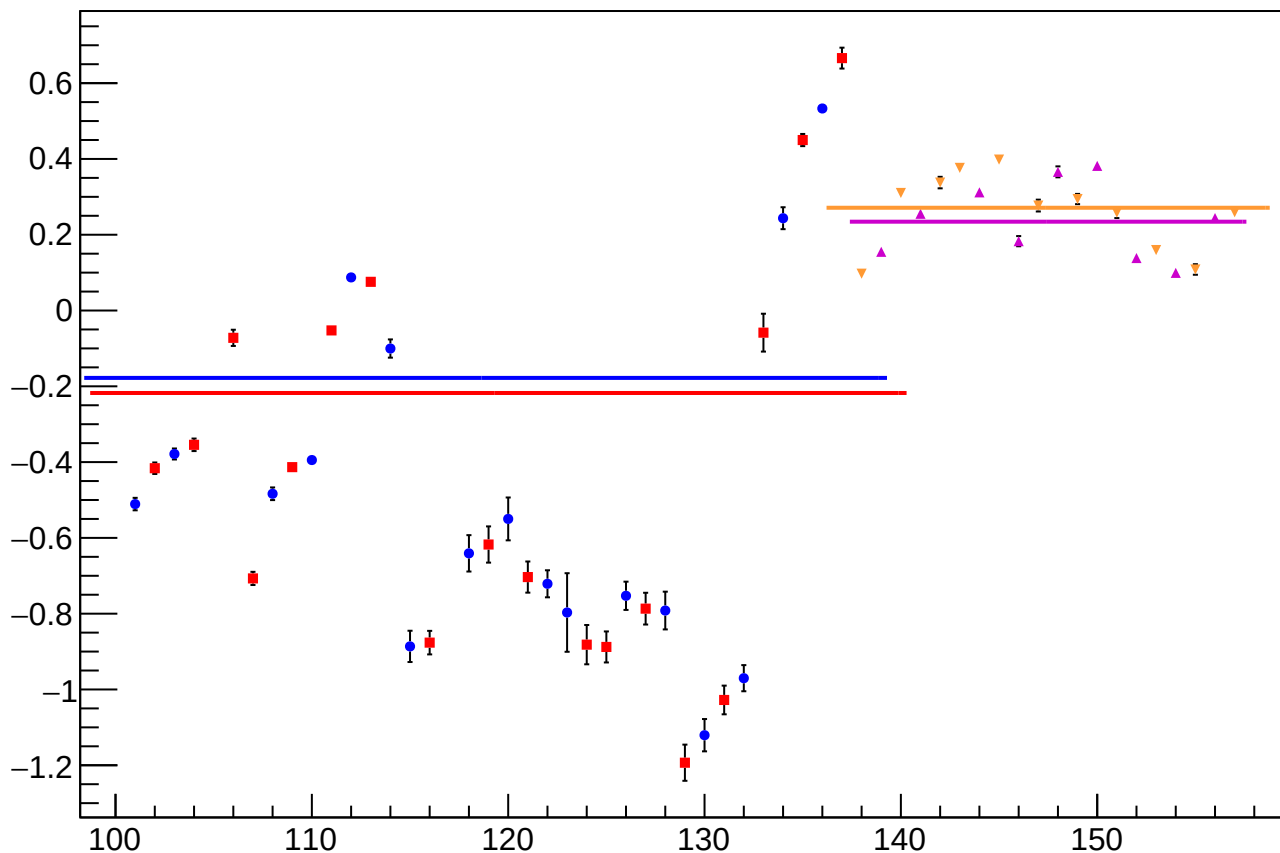
Right: 42.070 ± 0.059 $\chi^2/\text{NDF}: 28299.2/34$

In: 42.761 ± 0.061 $\chi^2/\text{NDF}: 15482.5/25$

Out: 40.726 ± 0.056 $\chi^2/\text{NDF}: 21624.6/28$

All: 41.651 ± 0.041 $\chi^2/\text{NDF}: 37711.3/54$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 $\pm$ 0.005 χ^2 /NDF: 7364.4/16

Left Out: 0.271 $\pm$ 0.004 χ^2 /NDF: 713.1/10

Right Out: -0.218 $\pm$ 0.004 χ^2 /NDF: 7455.7/17

Left In: 0.234 $\pm$ 0.004 χ^2 /NDF: 515.6/8

Left: 0.254 $\pm$ 0.003 χ^2 /NDF: 1273.4/19

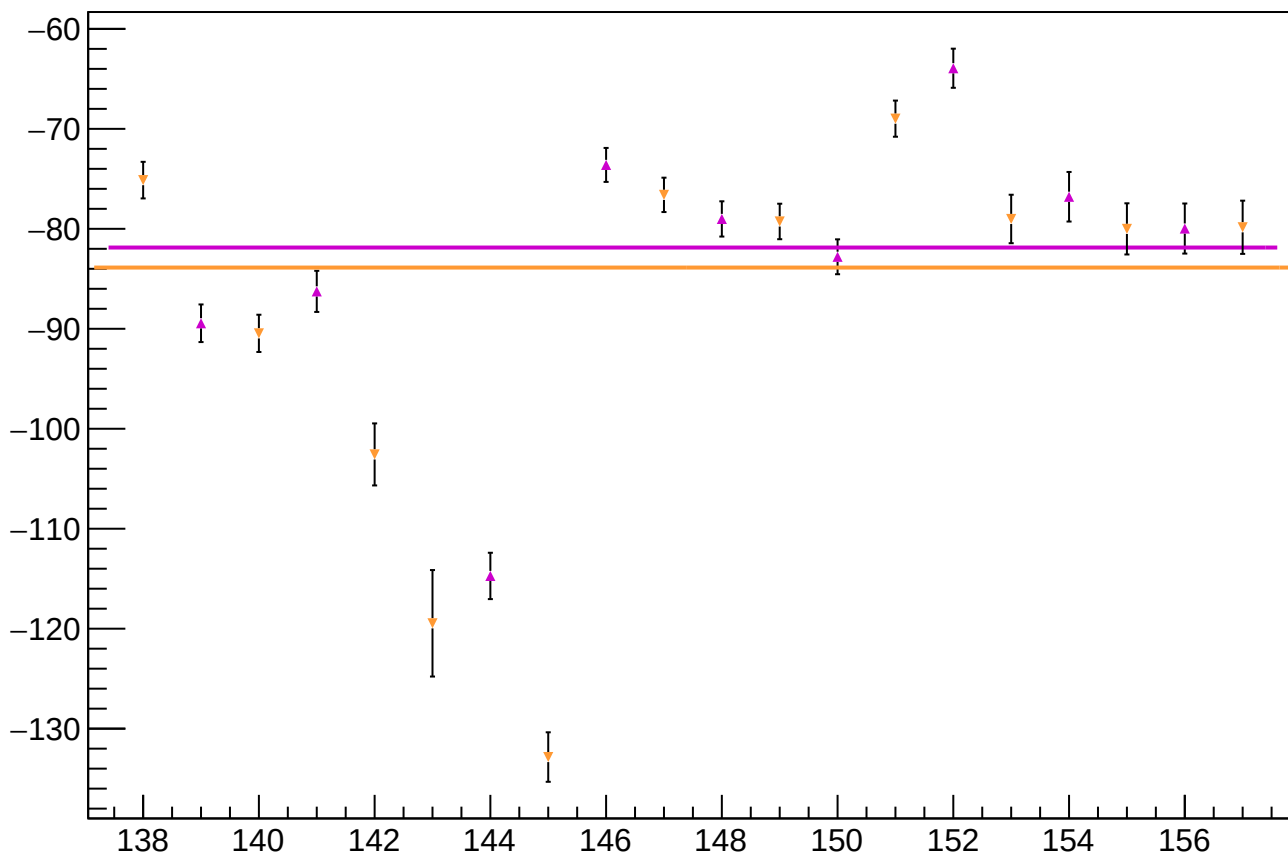
Right: -0.200 $\pm$ 0.003 χ^2 /NDF: 14857.8/34

In: 0.064 $\pm$ 0.003 χ^2 /NDF: 12138.7/25

Out: 0.063 $\pm$ 0.003 χ^2 /NDF: 15534.9/28

All: 0.064 $\pm$ 0.002 χ^2 /NDF: 27673.8/54

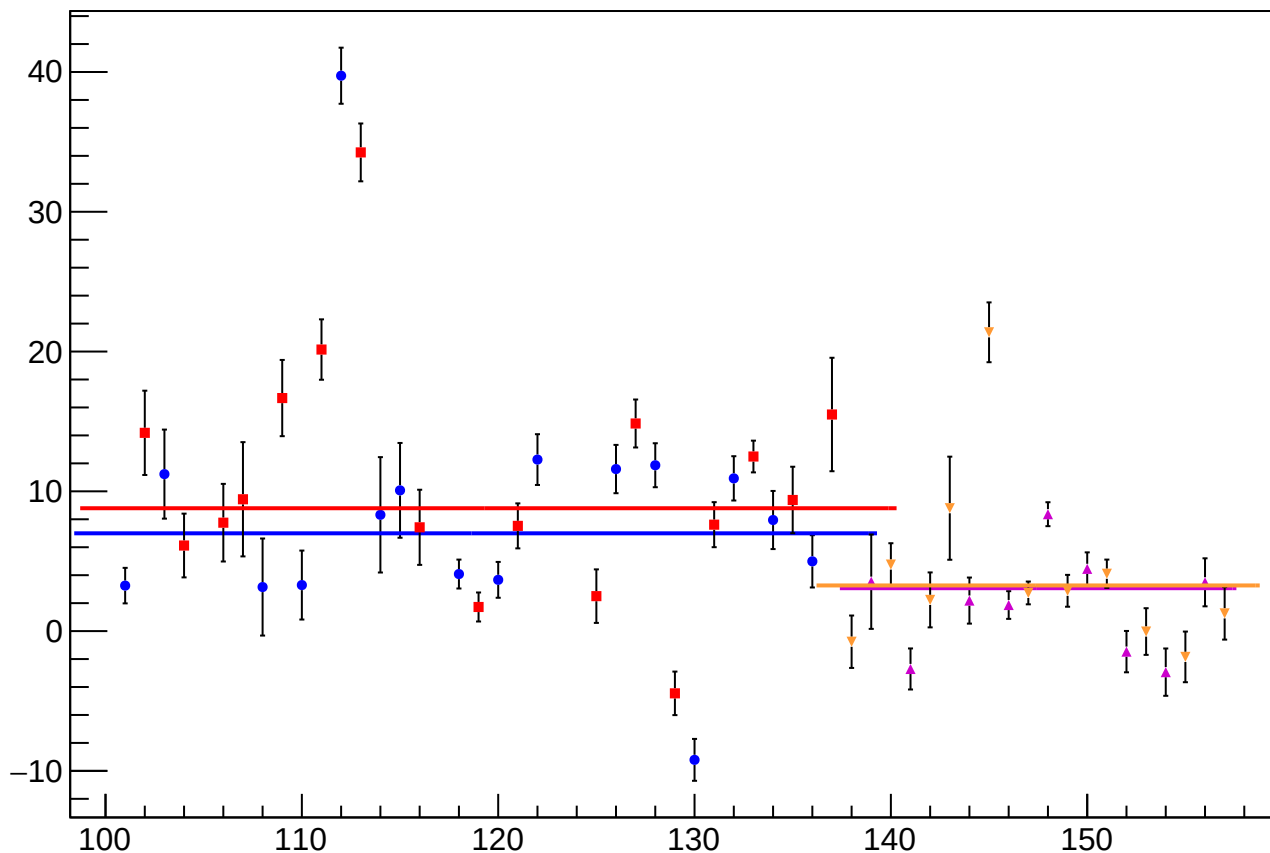
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -83.875+/-0.657 χ^2/NDF : 608.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -81.873+/-0.662 χ^2/NDF : 336.9/8

Left: -82.881+/-0.466 χ^2/NDF : 950.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -81.873+/-0.662 χ^2/NDF : 336.9/8
 Out: -83.875+/-0.657 χ^2/NDF : 608.5/10
 All: -82.881+/-0.466 χ^2/NDF : 950.1/19

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: 3.266 ± 0.428 $\chi^2/\text{NDF}: 93.9/10$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.070 ± 0.440 $\chi^2/\text{NDF}: 79.0/8$

Left: 3.171 ± 0.307 $\chi^2/\text{NDF}: 173.0/19$

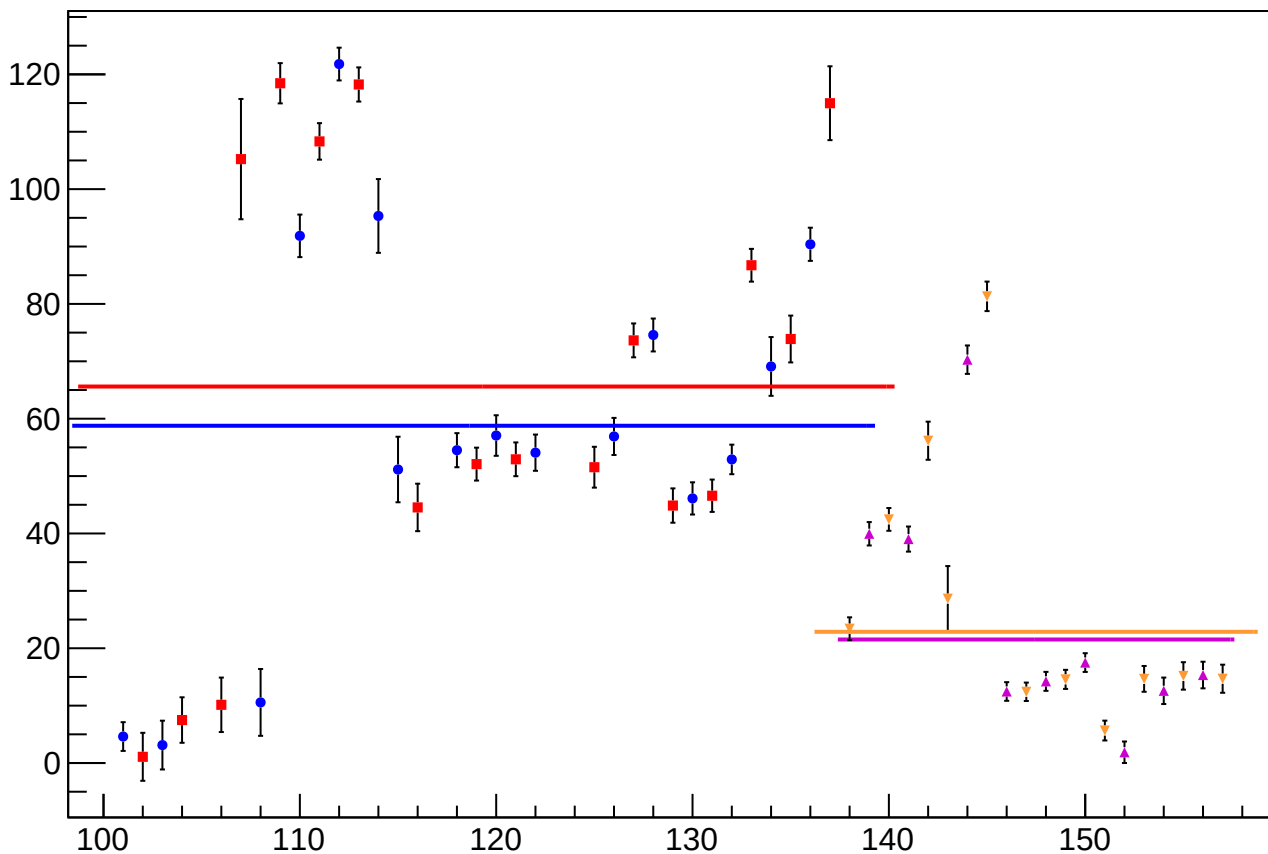
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.059 ± 0.309 $\chi^2/\text{NDF}: 564.6/24$

Out: 5.892 ± 0.310 $\chi^2/\text{NDF}: 522.0/27$

All: 5.475 ± 0.219 $\chi^2/\text{NDF}: 1090.3/52$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 22.867 $\pm$ 0.644 χ^2 /NDF: 918.2/10

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 21.524 $\pm$ 0.647 χ^2 /NDF: 721.3/8

Left: 22.198 $\pm$ 0.457 χ^2 /NDF: 1641.7/19

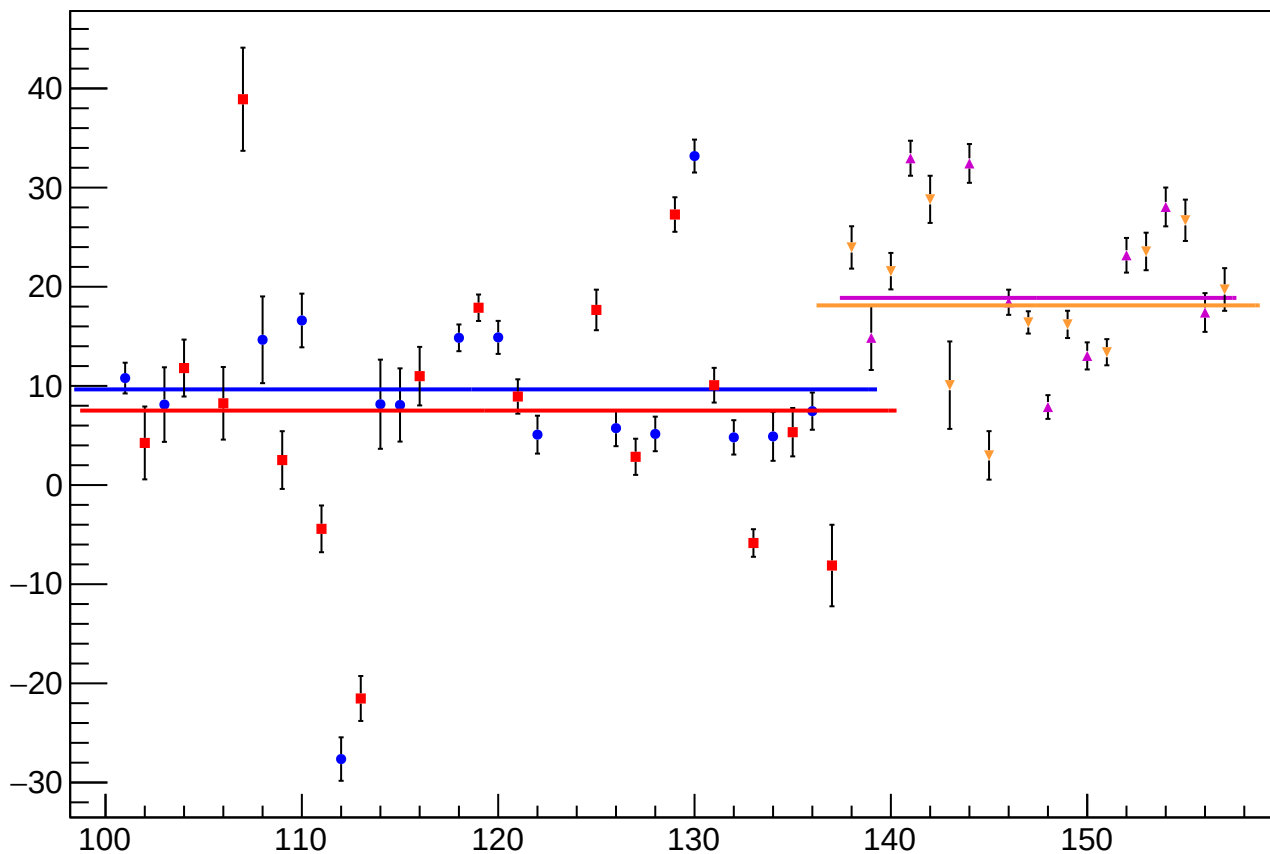
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 35.532 $\pm$ 0.511 χ^2 /NDF: 3462.2/24

Out: 38.592 $\pm$ 0.512 χ^2 /NDF: 4161.6/27

All: 37.057 $\pm$ 0.362 χ^2 /NDF: 7641.6/52

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.120 $\pm$ 0.532 χ^2 /NDF:115.7/10

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.876 $\pm$ 0.544 χ^2 /NDF:244.8/8

Left: 18.490 $\pm$ 0.380 χ^2 /NDF: 361.5/19

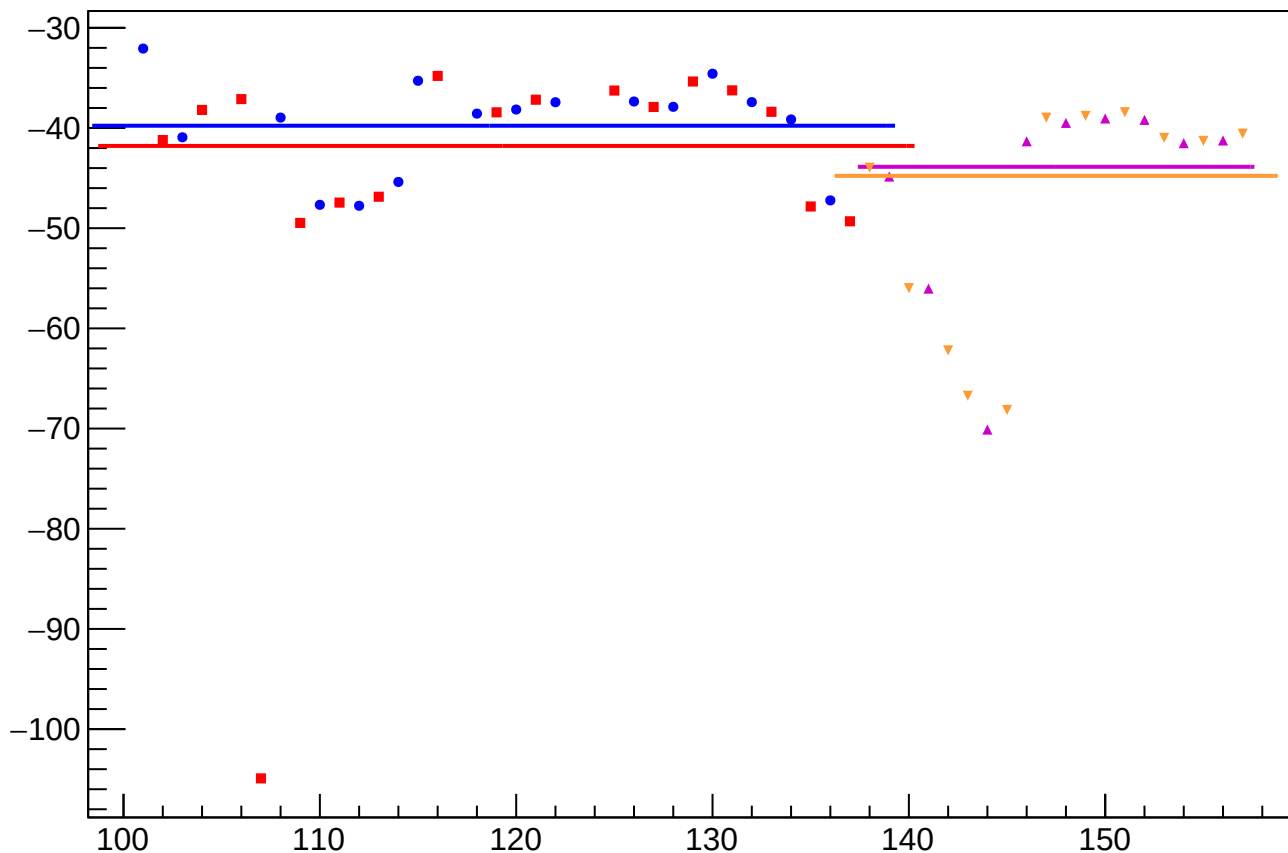
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 13.894 $\pm$ 0.369 χ^2 /NDF:953.8/24

Out: 12.656 $\pm$ 0.371 χ^2 /NDF:884.6/27

All: 13.278 $\pm$ 0.261 χ^2 /NDF: 1844.1/52

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 $\pm$ 0.031 χ^2 /NDF: 26176.5/15

Left Out: -44.775 $\pm$ 0.026 χ^2 /NDF:122552.3/10

Right Out: -41.787 $\pm$ 0.031 χ^2 /NDF: 93008.7/16

Left In: -43.872 $\pm$ 0.026 χ^2 /NDF:92960.2/8

Left: -44.319 $\pm$ 0.018 χ^2 /NDF: 216114.7/19

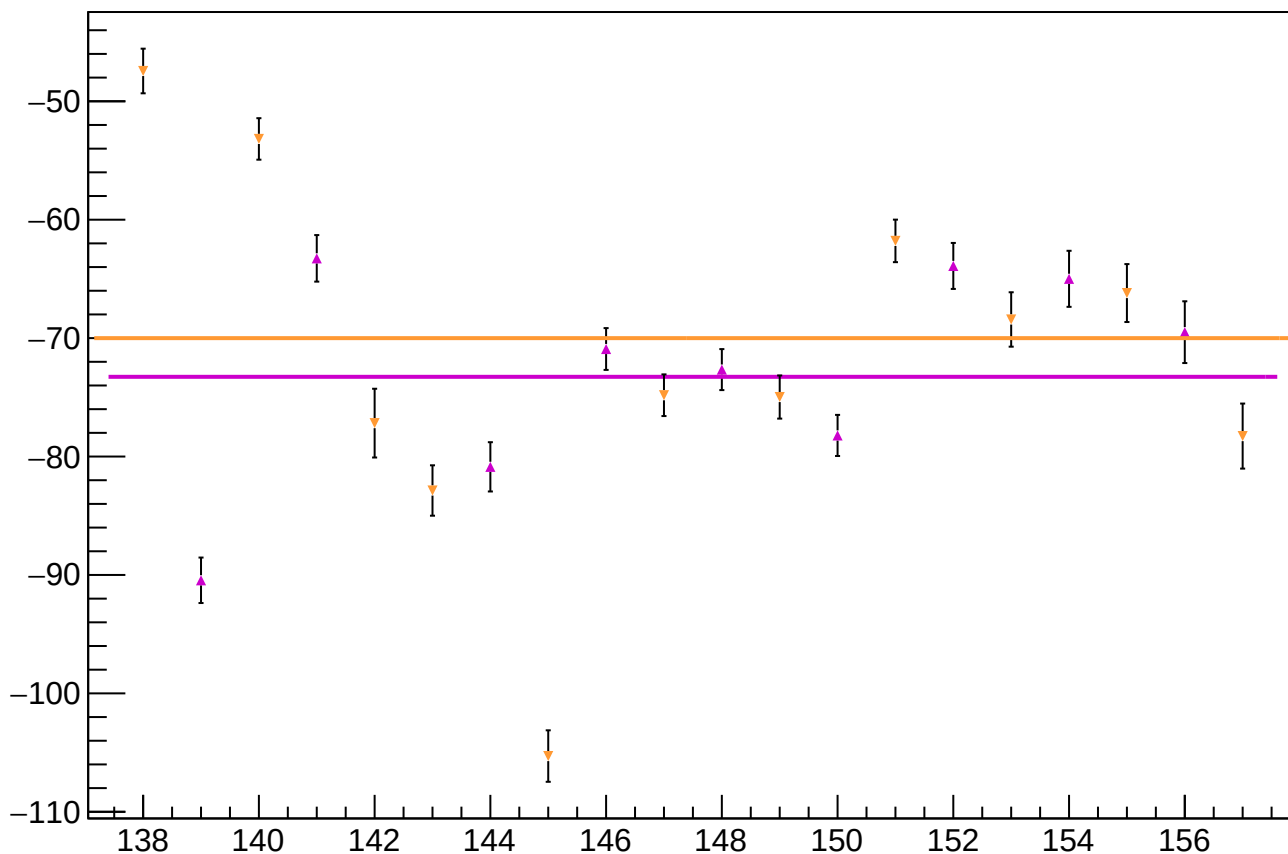
Right: -40.769 $\pm$ 0.022 χ^2 /NDF: 121265.0/32

In: -42.194 $\pm$ 0.020 χ^2 /NDF:129406.5/24

Out: -43.552 $\pm$ 0.020 χ^2 /NDF:220906.9/27

All: -42.866 $\pm$ 0.014 χ^2 /NDF: 352618.0/52

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.002+/-0.622 χ^2/NDF :589.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.267+/-0.654 χ^2/NDF :166.9/8

Left: -71.554+/-0.451 χ^2/NDF : 769.5/19

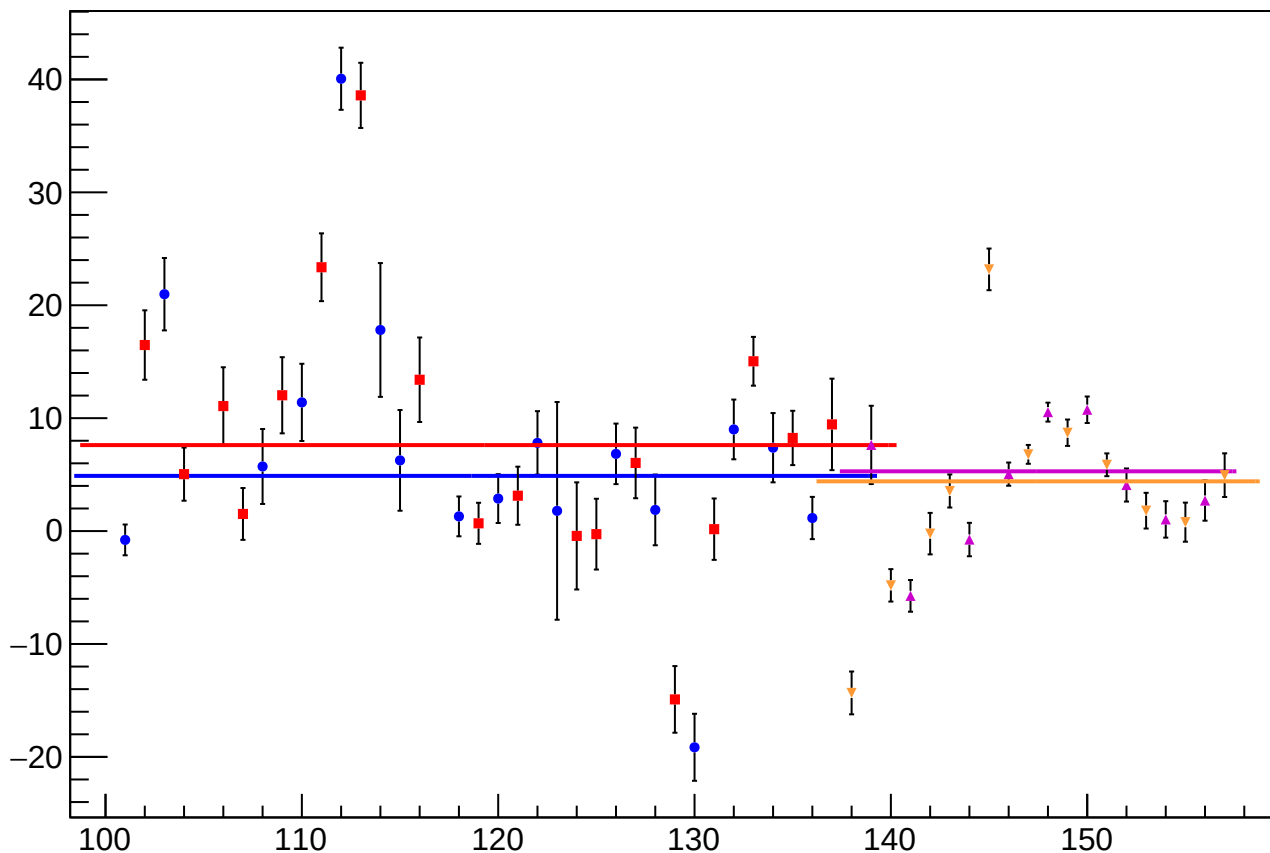
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.267+/-0.654 χ^2/NDF :166.9/8

Out: -70.002+/-0.622 χ^2/NDF :589.5/10

All: -71.554+/-0.451 χ^2/NDF : 769.5/19

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.405 ± 0.409 χ^2/NDF : 280.0/10

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 5.292 ± 0.434 χ^2/NDF : 149.3/8

Left: 4.822 ± 0.298 χ^2/NDF : 431.6/19

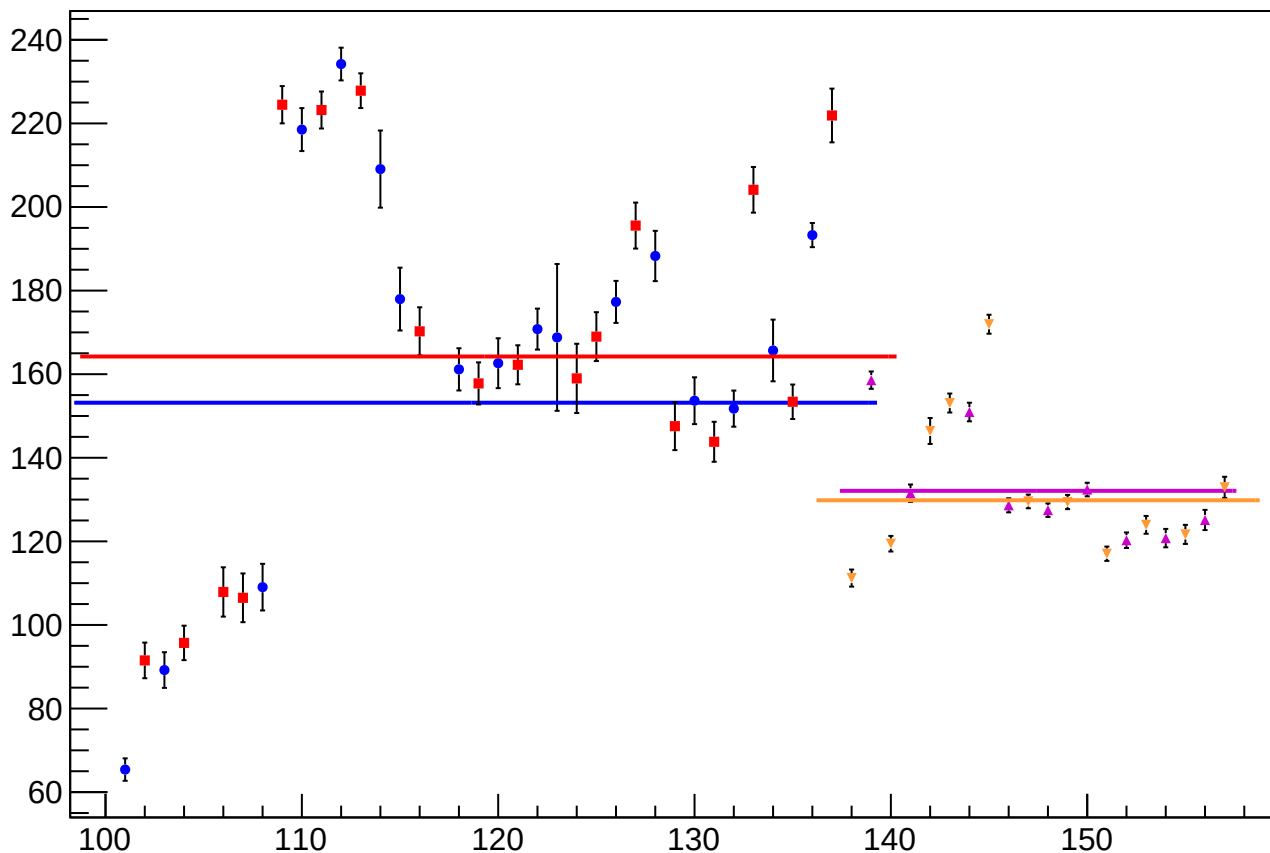
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 5.159 ± 0.356 χ^2/NDF : 444.4/25

Out: 5.312 ± 0.347 χ^2/NDF : 566.6/28

All: 5.237 ± 0.248 χ^2/NDF : 1011.0/54

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 129.831 $\pm$ 0.615 χ^2 /NDF: 669.5/10

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 132.091 $\pm$ 0.640 χ^2 /NDF: 321.7/8

Left: 130.916 $\pm$ 0.444 χ^2 /NDF: 997.7/19

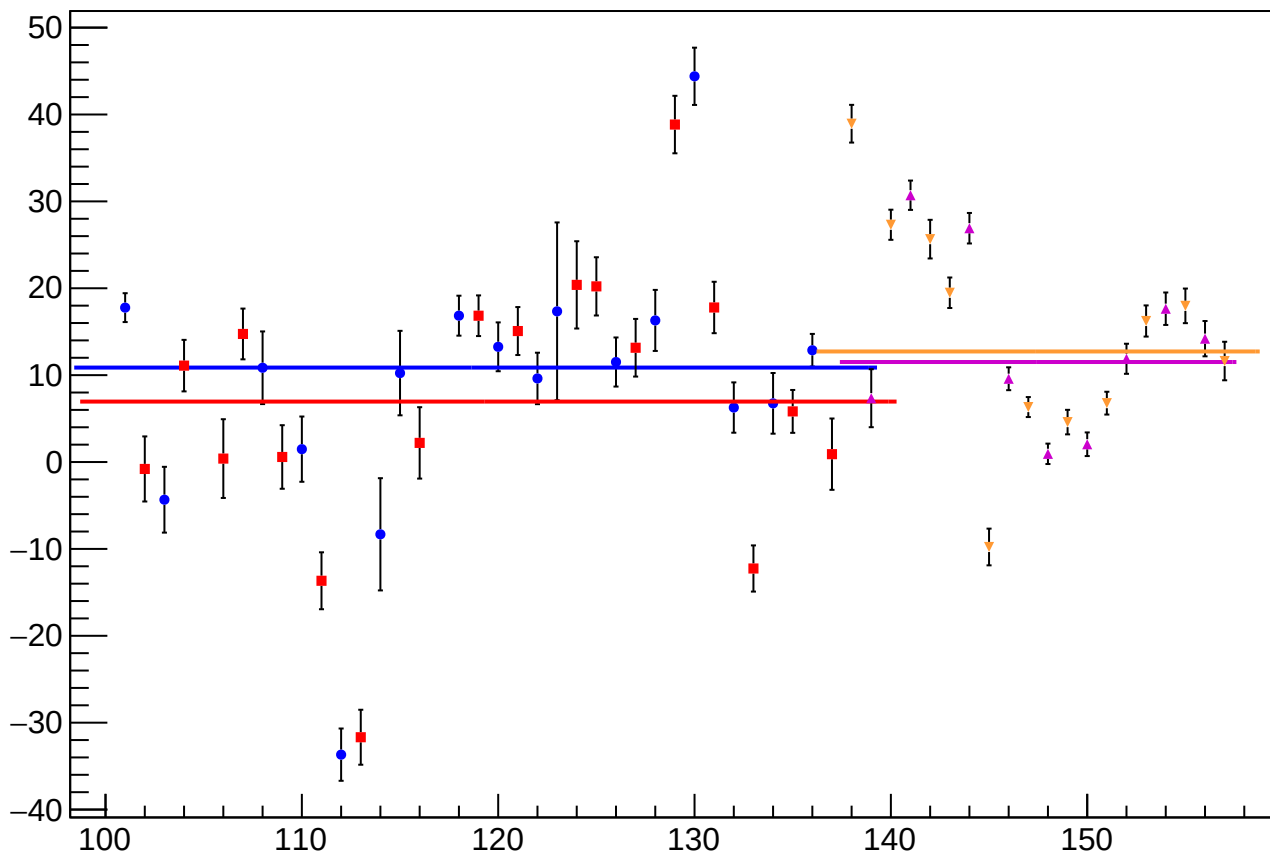
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 137.103 $\pm$ 0.559 χ^2 /NDF: 2843.8/25

Out: 137.152 $\pm$ 0.546 χ^2 /NDF: 2889.8/28

All: 137.128 $\pm$ 0.391 χ^2 /NDF: 5733.6/54

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 12.726 $\pm$ 0.506 χ^2 /NDF:474.3/10

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 11.512 $\pm$ 0.537 χ^2 /NDF:351.9/8

Left: 12.154 $\pm$ 0.368 χ^2 /NDF: 829.0/19

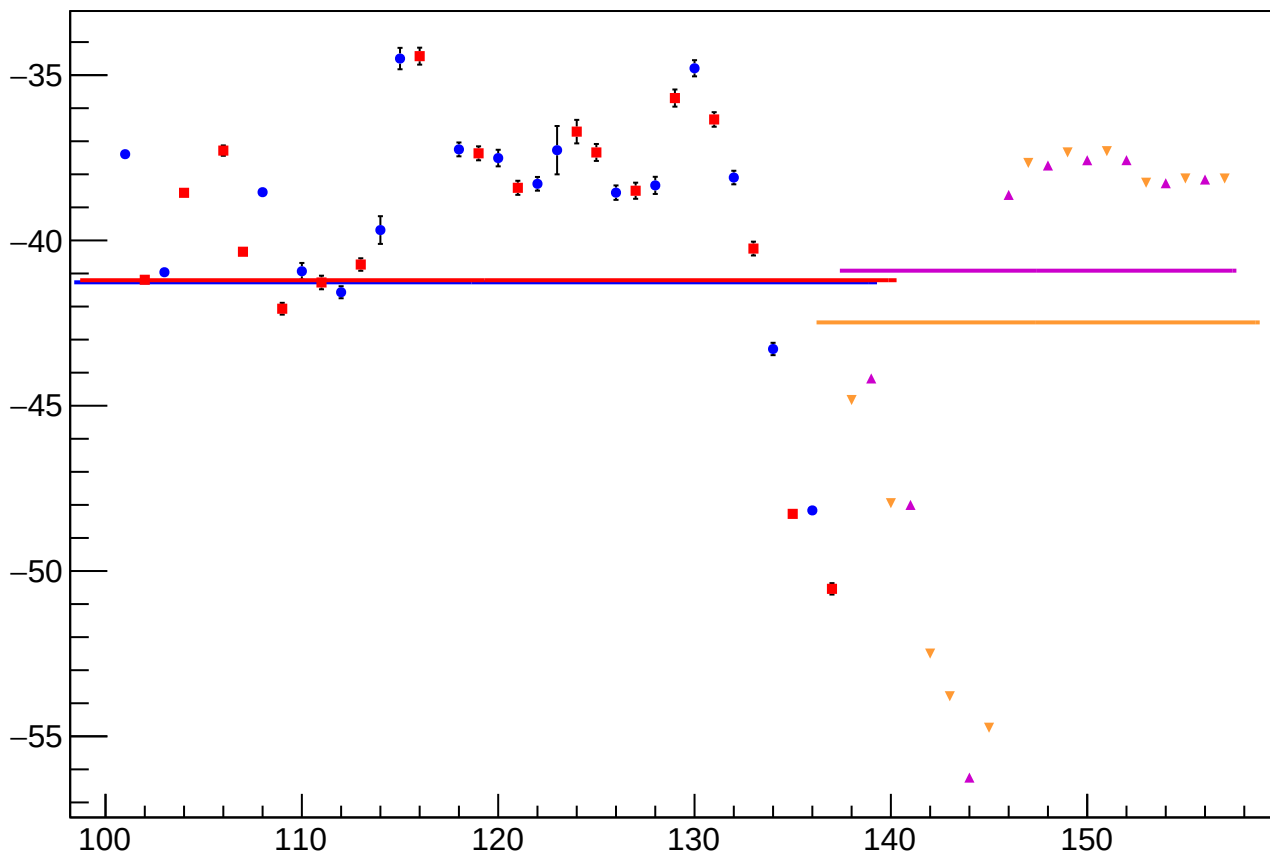
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 11.281 $\pm$ 0.429 χ^2 /NDF:739.2/25

Out: 10.917 $\pm$ 0.420 χ^2 /NDF:937.3/28

All: 11.095 $\pm$ 0.300 χ^2 /NDF: 1676.8/54

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -42.480 ± 0.025 $\chi^2/\text{NDF}: 68064.3/10$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -40.915 ± 0.026 $\chi^2/\text{NDF}: 43497.4/8$

Left: -41.721 ± 0.018 $\chi^2/\text{NDF}: 113475.8/19$

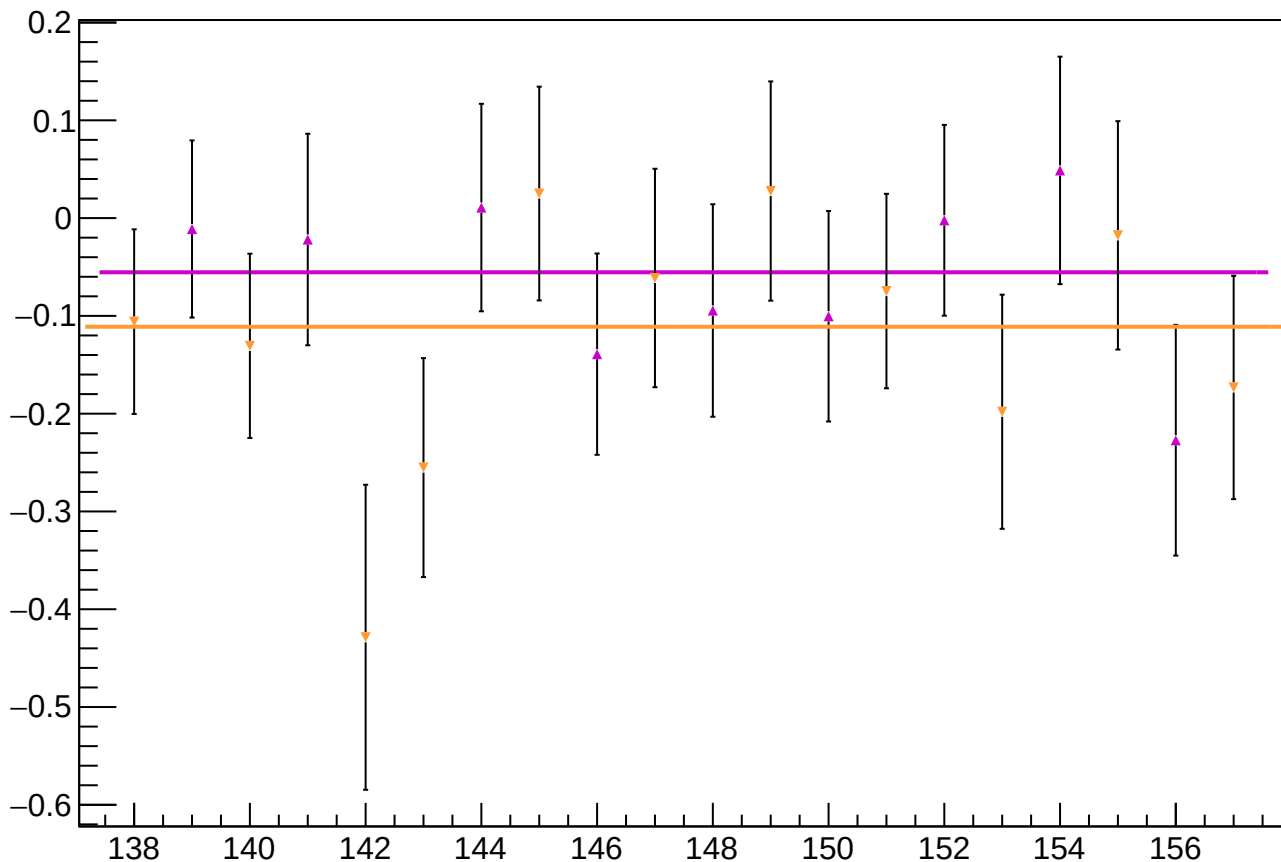
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -41.023 ± 0.021 $\chi^2/\text{NDF}: 56137.0/25$

Out: -42.108 ± 0.021 $\chi^2/\text{NDF}: 80837.4/28$

All: -41.576 ± 0.015 $\chi^2/\text{NDF}: 138287.9/54$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.111 $\pm$ 0.033 χ^2 /NDF:10.7/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.055 $\pm$ 0.035 χ^2 /NDF:4.9/8

Left: -0.085 $\pm$ 0.024 χ^2 /NDF: 17.0/19

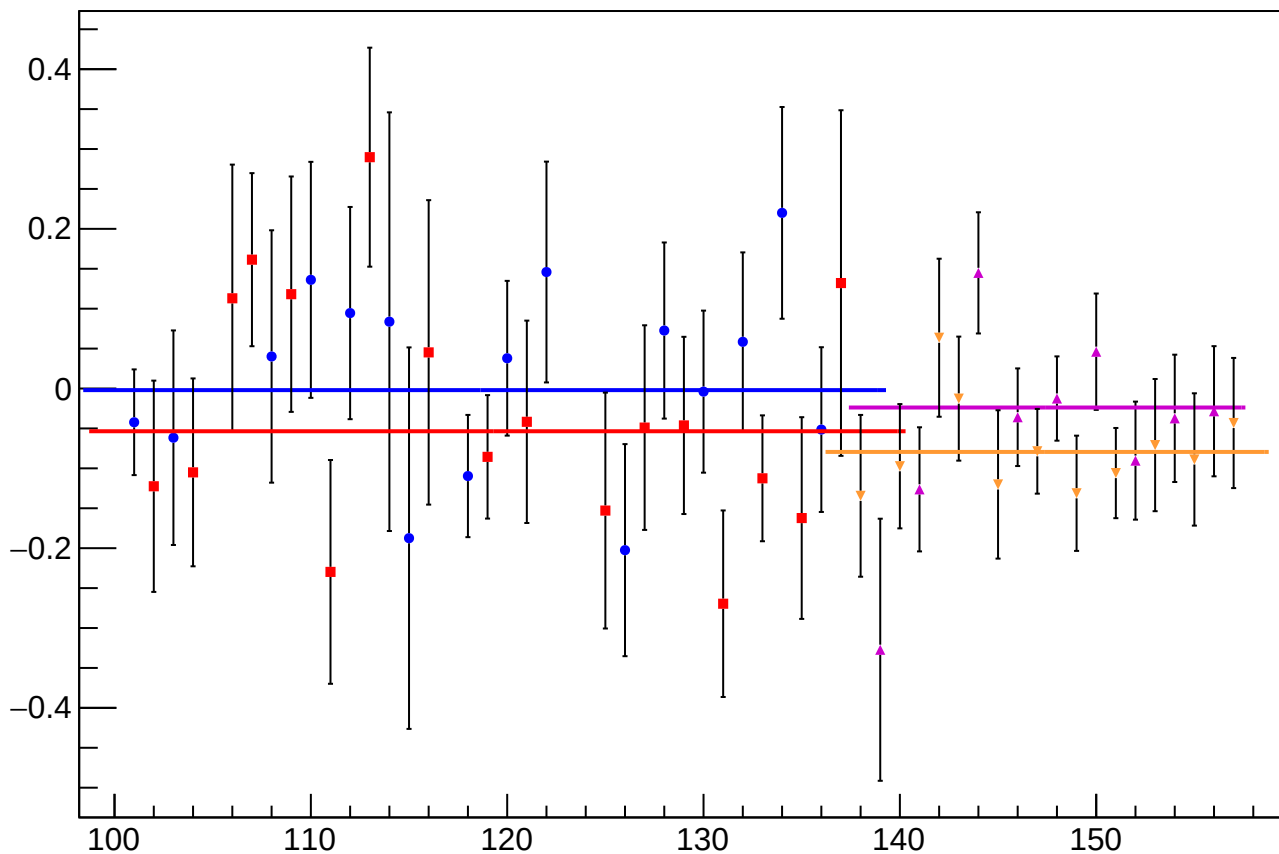
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.055 $\pm$ 0.035 χ^2 /NDF:4.9/8

Out: -0.111 $\pm$ 0.033 χ^2 /NDF:10.7/10

All: -0.085 $\pm$ 0.024 χ^2 /NDF: 17.0/19

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.079 ± 0.023 $\chi^2/\text{NDF}: 4.3/10$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.024 ± 0.024 $\chi^2/\text{NDF}: 11.9/8$

Left: -0.054 ± 0.017 $\chi^2/\text{NDF}: 19.1/19$

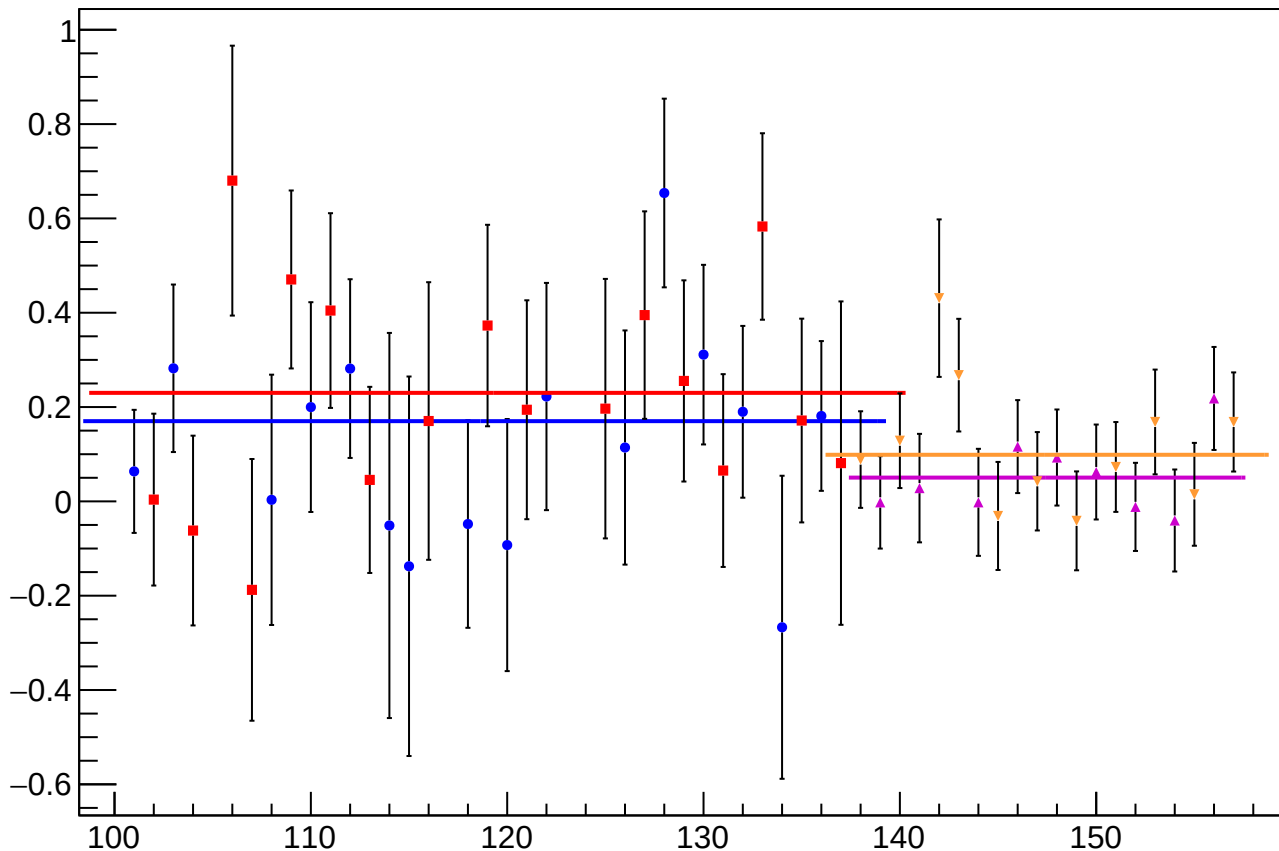
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.014 ± 0.018 $\chi^2/\text{NDF}: 24.4/24$

Out: -0.070 ± 0.018 $\chi^2/\text{NDF}: 25.8/27$

All: -0.043 ± 0.013 $\chi^2/\text{NDF}: 54.7/52$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.099 ± 0.033 $\chi^2/\text{NDF}: 10.9/10$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.050 ± 0.035 $\chi^2/\text{NDF}: 4.7/8$

Left: 0.076 ± 0.024 $\chi^2/\text{NDF}: 16.6/19$

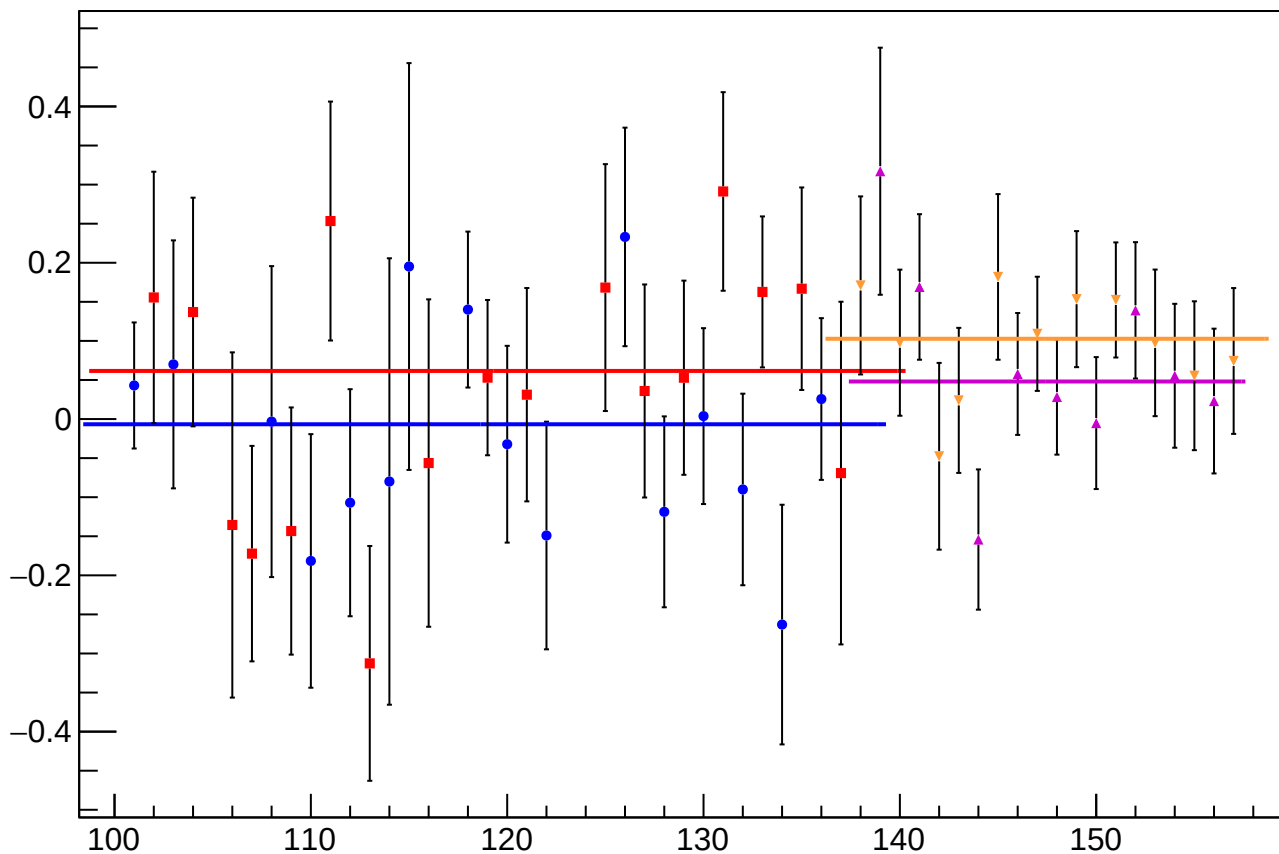
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.087 ± 0.029 $\chi^2/\text{NDF}: 21.3/24$

Out: 0.134 ± 0.028 $\chi^2/\text{NDF}: 32.0/27$

All: 0.111 ± 0.020 $\chi^2/\text{NDF}: 54.8/52$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.103 ± 0.028 χ^2/NDF : 4.4/10

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.048 ± 0.030 χ^2/NDF : 11.3/8

Left: 0.077 ± 0.020 χ^2/NDF : 17.5/19

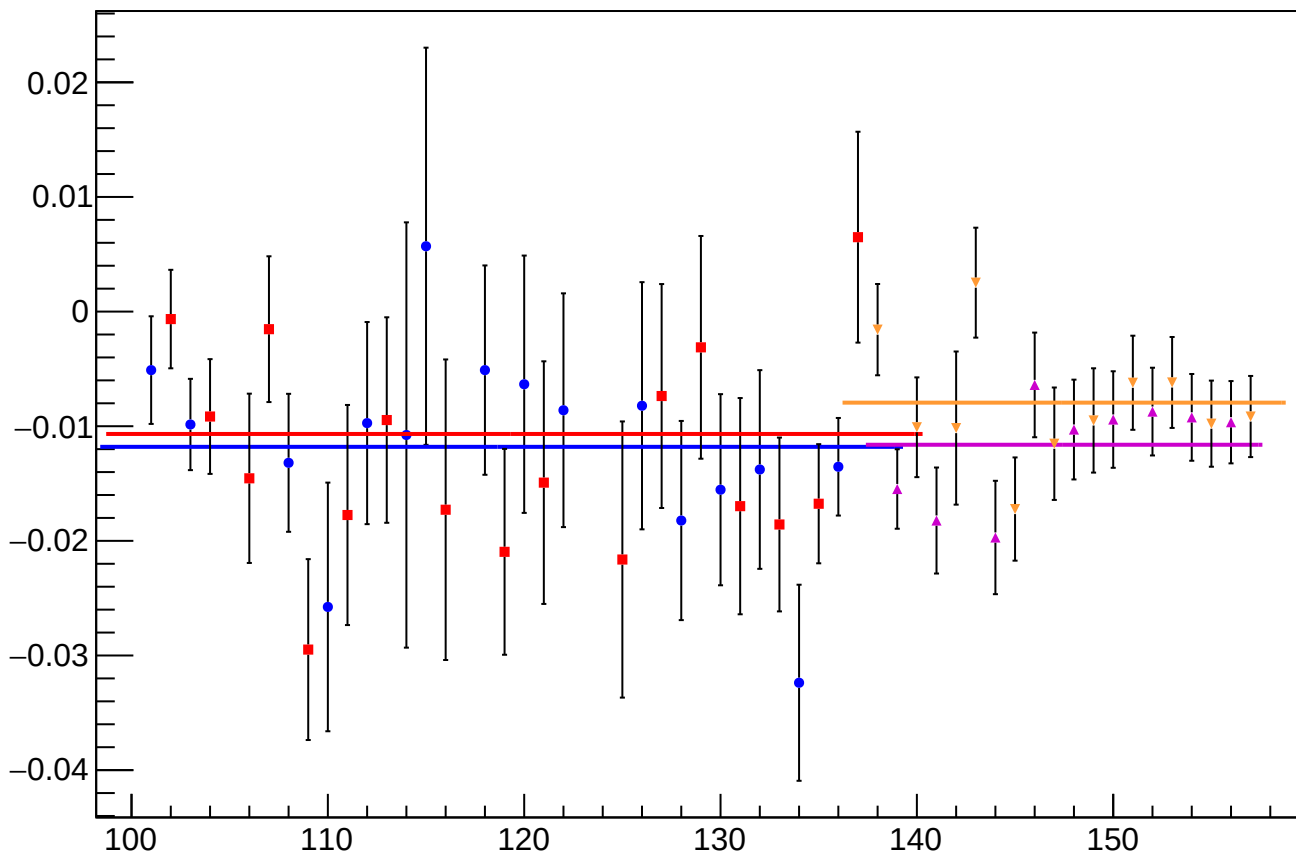
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.023 ± 0.022 χ^2/NDF : 26.1/24

Out: 0.086 ± 0.021 χ^2/NDF : 25.2/27

All: 0.056 ± 0.015 χ^2/NDF : 55.5/52

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.3/10

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.012 ± 0.001 χ^2/NDF : 8.9/8

Left: -0.010 ± 0.001 χ^2/NDF : 26.0/19

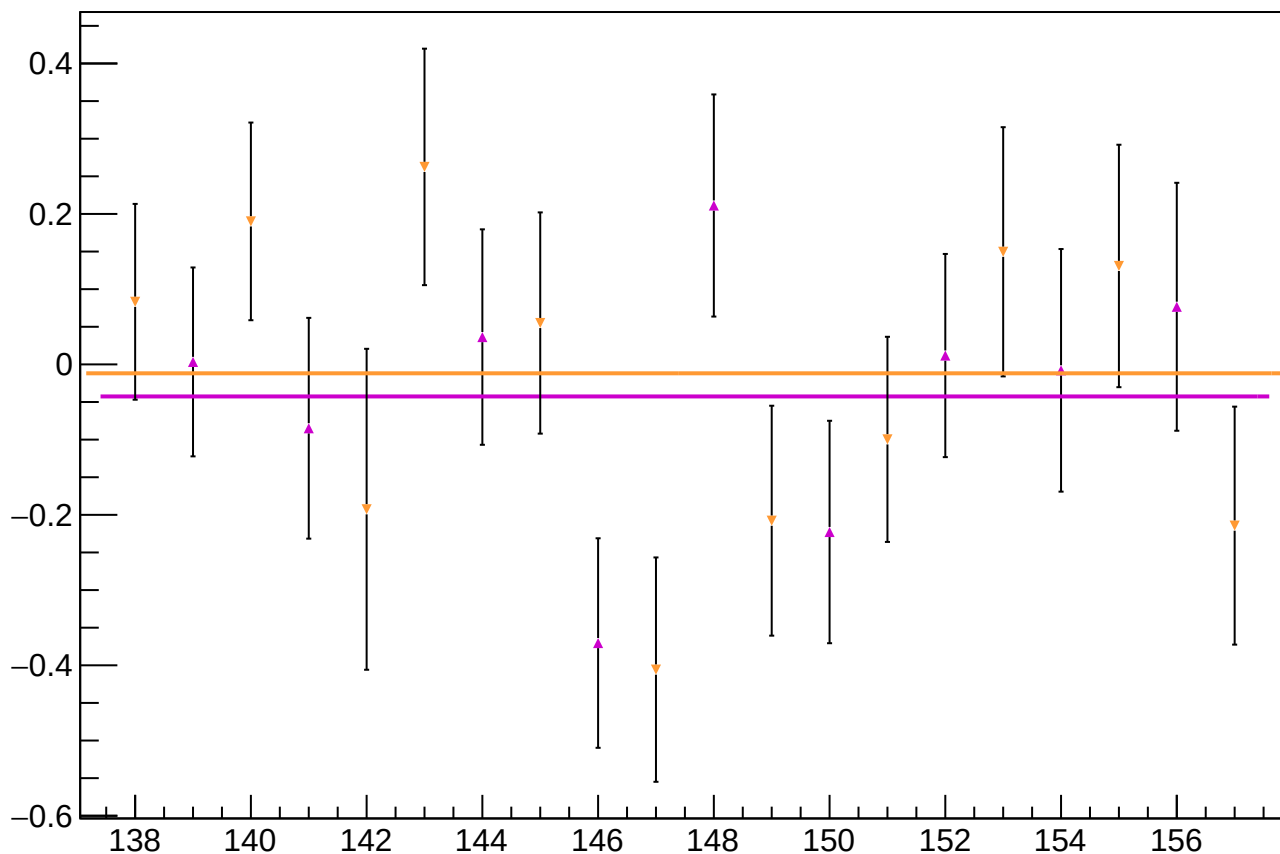
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.012 ± 0.001 χ^2/NDF : 21.7/24

Out: -0.009 ± 0.001 χ^2/NDF : 38.6/27

All: -0.010 ± 0.001 χ^2/NDF : 63.8/52

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.012 $\pm$ 0.046 χ^2 /NDF:19.3/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.043 $\pm$ 0.048 χ^2 /NDF:11.2/8

Left: -0.026 $\pm$ 0.033 χ^2 /NDF: 30.7/19

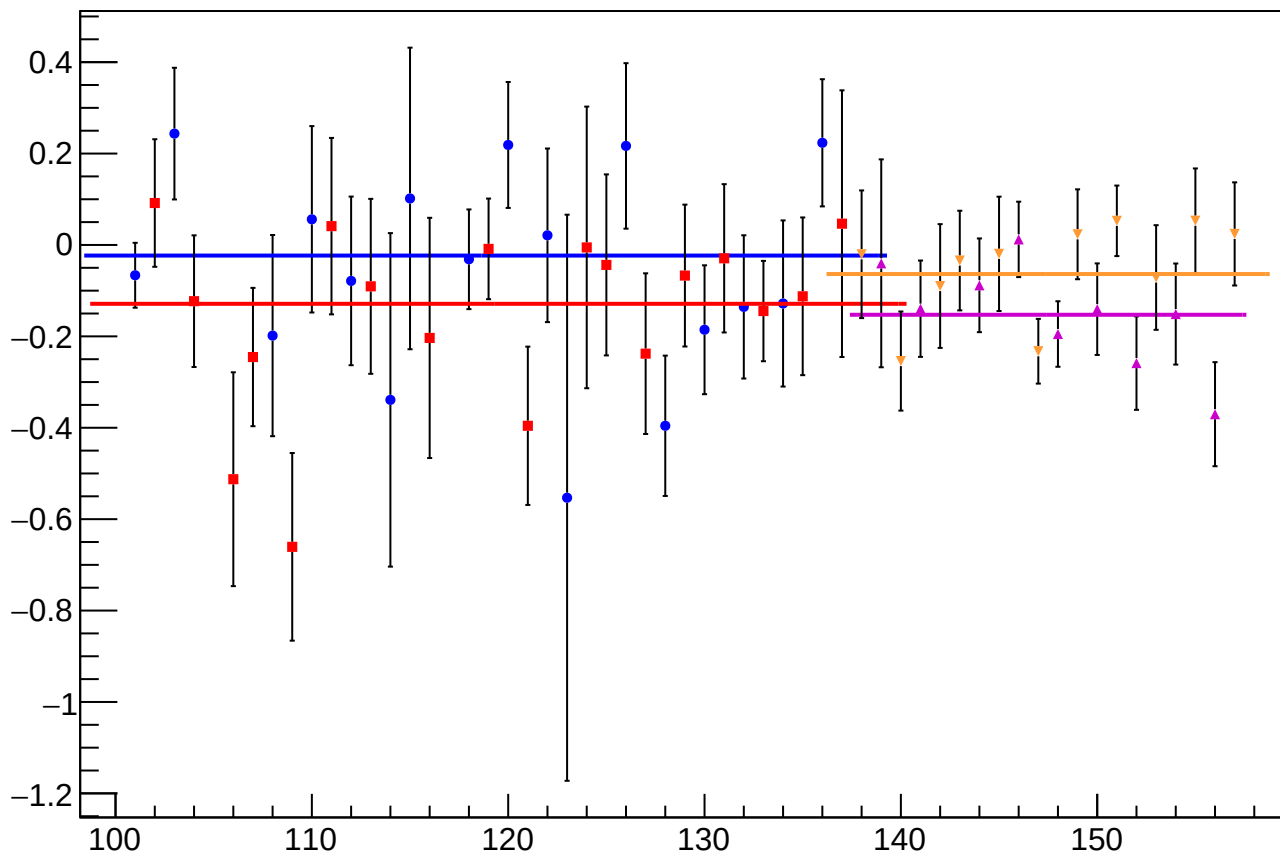
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.043 $\pm$ 0.048 χ^2 /NDF:11.2/8

Out: -0.012 $\pm$ 0.046 χ^2 /NDF:19.3/10

All: -0.026 $\pm$ 0.033 χ^2 /NDF: 30.7/19

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.064 ± 0.031 $\chi^2/\text{NDF}: 13.8/10$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.153 ± 0.033 $\chi^2/\text{NDF}: 9.7/8$

Left: -0.105 ± 0.023 $\chi^2/\text{NDF}: 27.4/19$

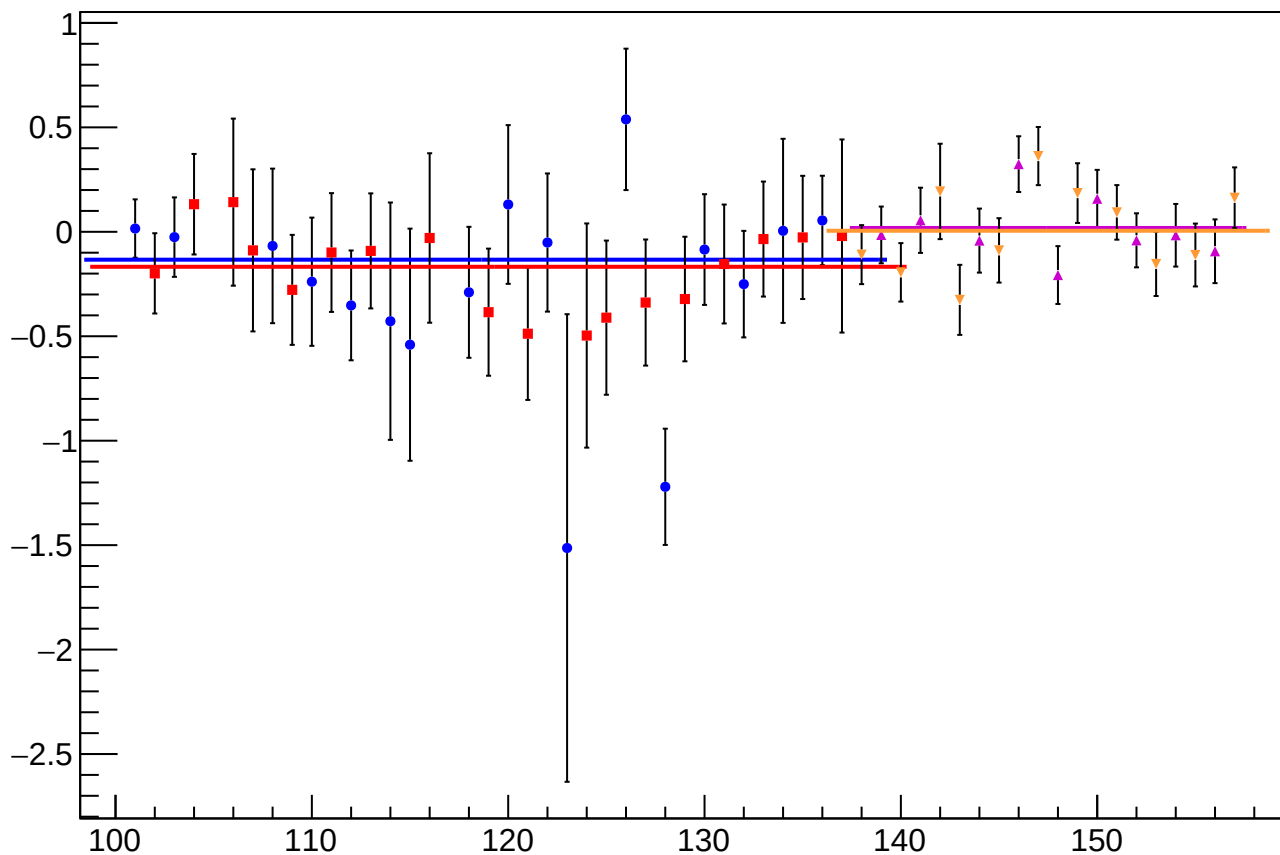
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.094 ± 0.025 $\chi^2/\text{NDF}: 39.0/25$

Out: -0.089 ± 0.024 $\chi^2/\text{NDF}: 34.1/28$

All: -0.091 ± 0.017 $\chi^2/\text{NDF}: 73.1/54$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.005 ± 0.045 χ^2/NDF : 19.1/10

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.018 ± 0.047 χ^2/NDF : 10.0/8

Left: 0.011 ± 0.033 χ^2/NDF : 29.1/19

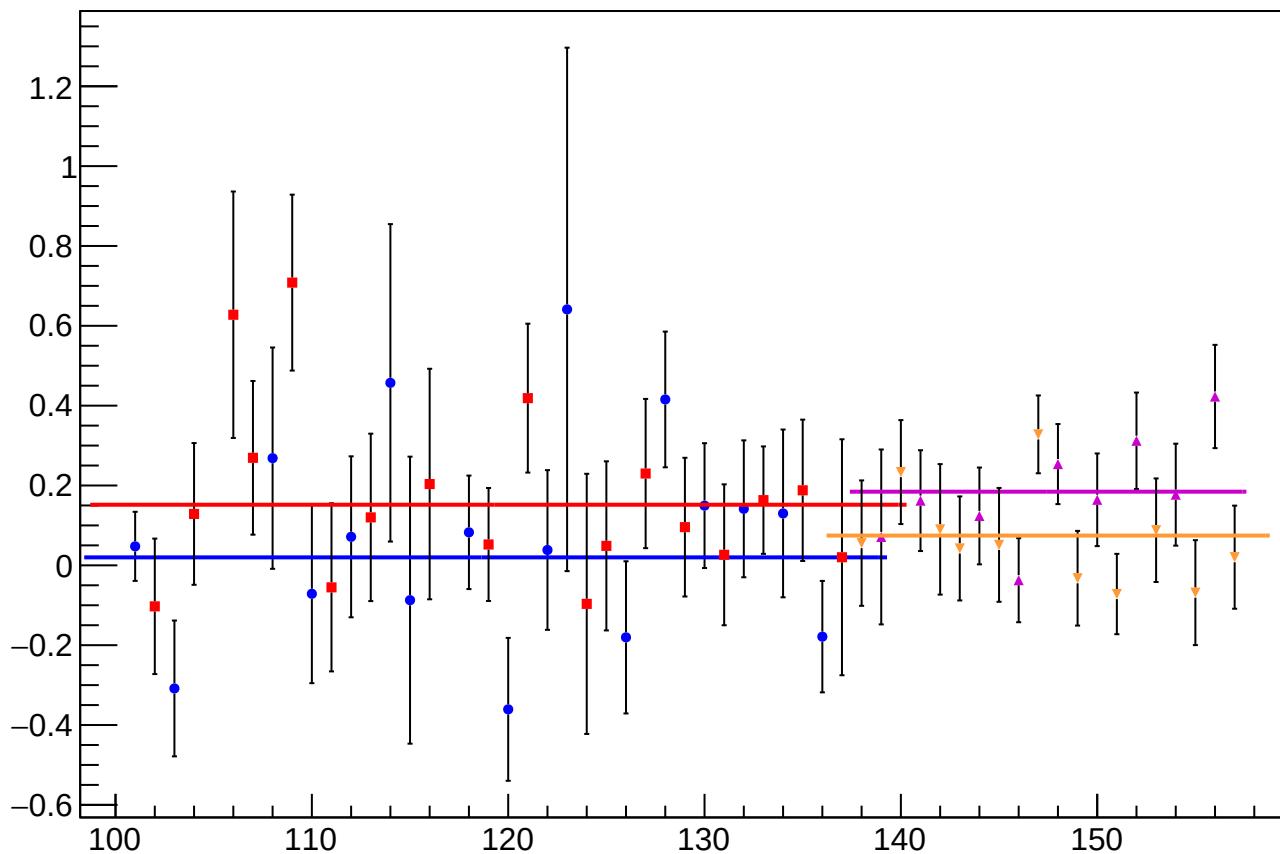
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.032 ± 0.039 χ^2/NDF : 39.2/25

Out: -0.045 ± 0.038 χ^2/NDF : 29.4/28

All: -0.039 ± 0.027 χ^2/NDF : 68.7/54

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2/NDF : 21.8/16

Left Out: 0.075 $\pm$ 0.038 χ^2/NDF :12.7/10

Right Out: 0.152 $\pm$ 0.045 χ^2/NDF : 16.8/17

Left In: 0.185 $\pm$ 0.041 χ^2/NDF :10.0/8

Left: 0.126 $\pm$ 0.028 χ^2/NDF : 26.6/19

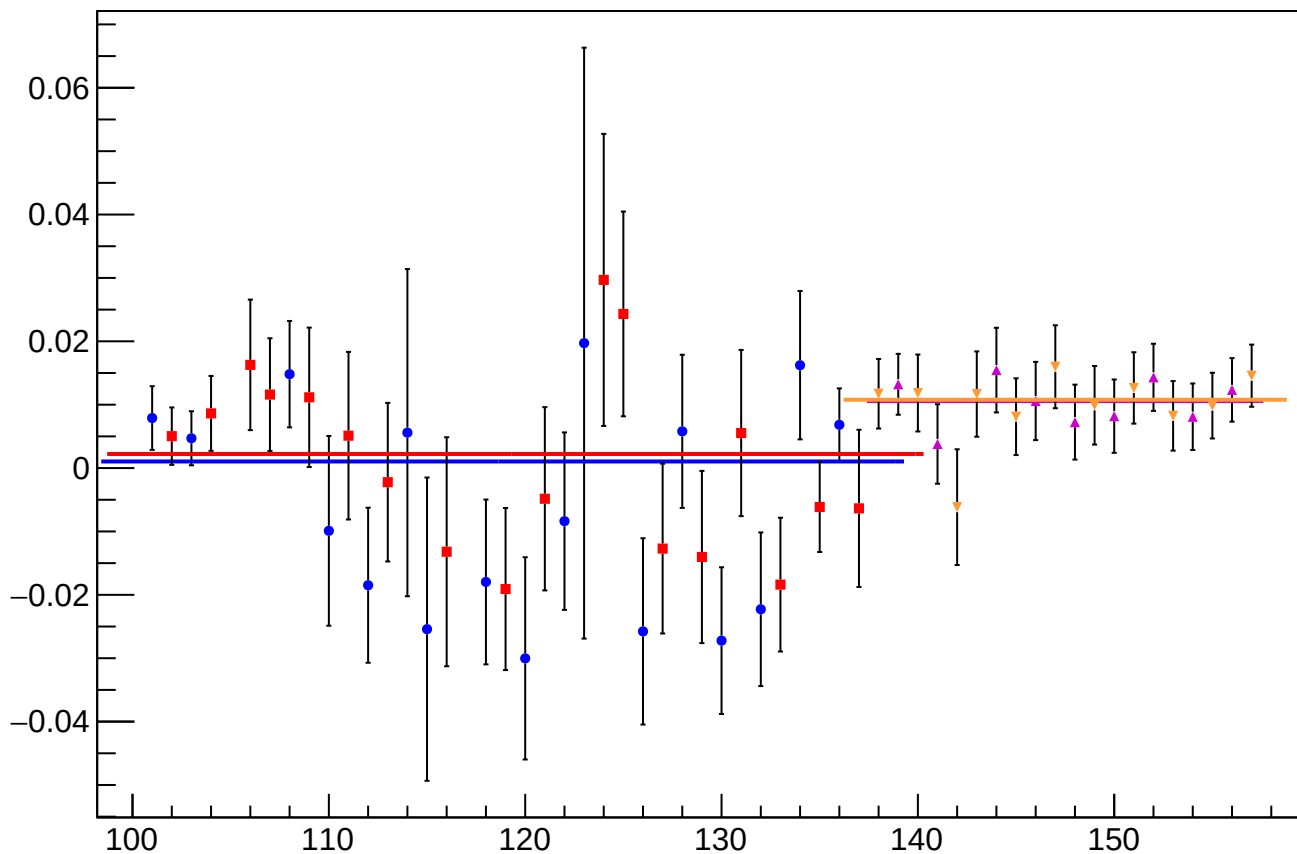
Right: 0.081 $\pm$ 0.031 χ^2/NDF : 43.1/34

In: 0.106 $\pm$ 0.029 χ^2/NDF :39.7/25

Out: 0.106 $\pm$ 0.029 χ^2/NDF :31.2/28

All: 0.106 $\pm$ 0.021 χ^2/NDF : 70.8/54

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF:5.3/10

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:3.3/8

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 8.7/19

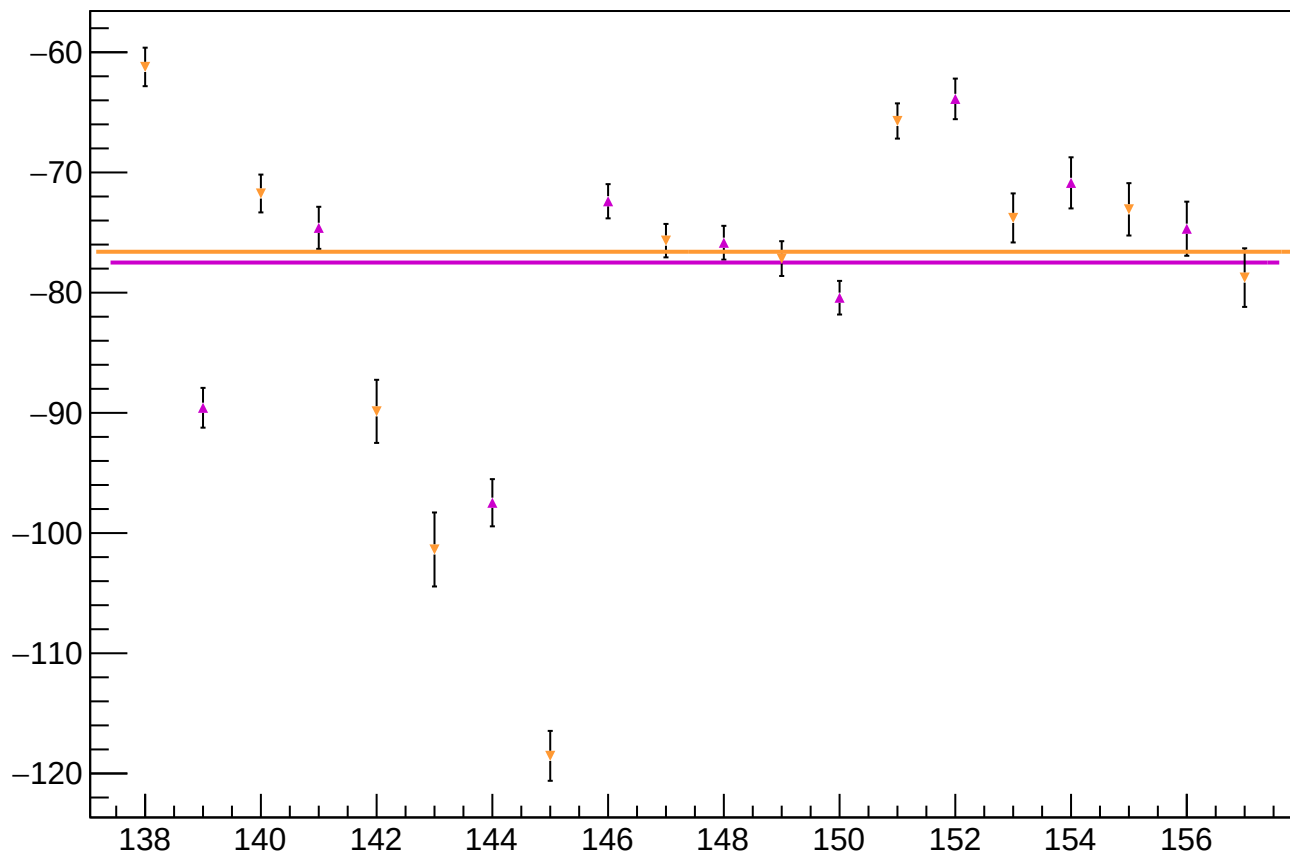
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.007 $\pm$ 0.001 χ^2 /NDF:46.1/25

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:34.9/28

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 81.2/54

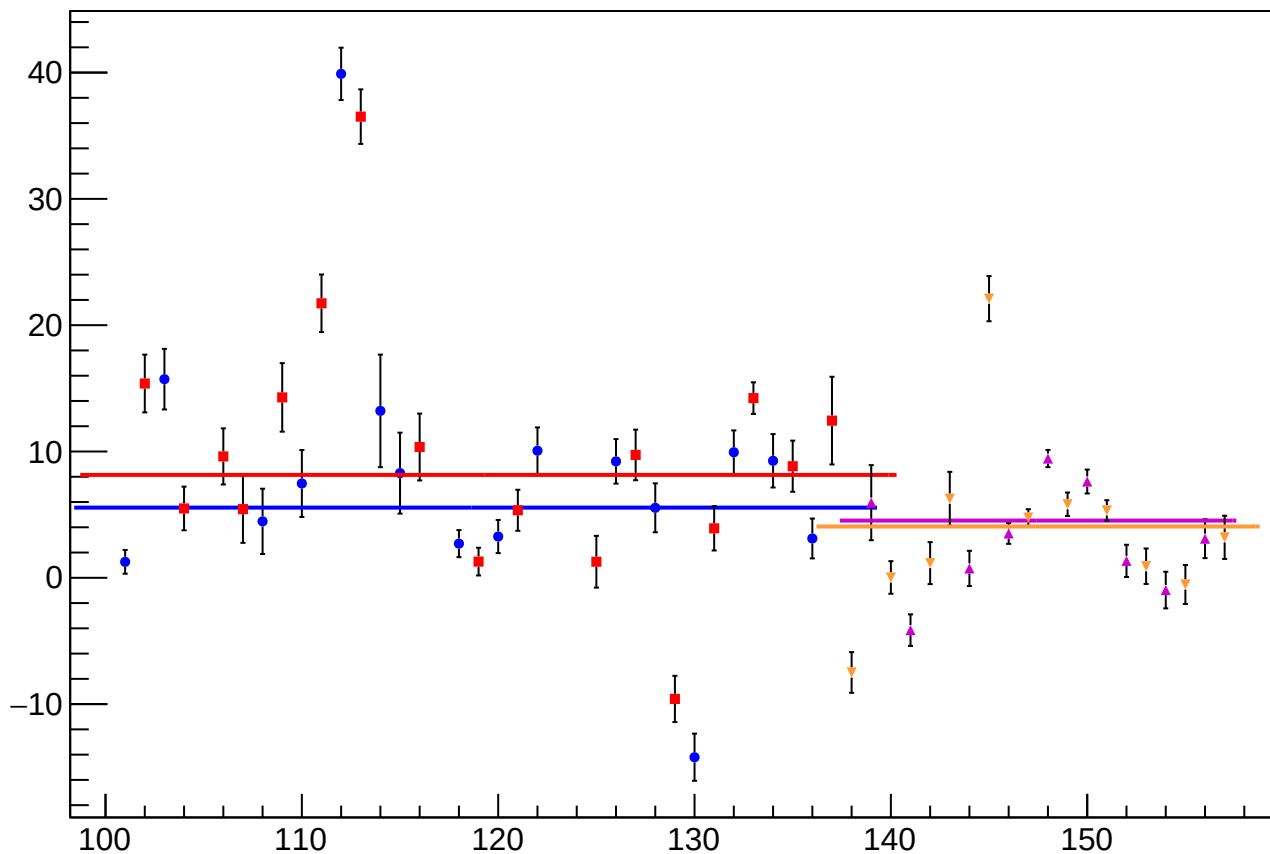
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.596+/-0.546 χ^2/NDF : 661.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.494+/-0.556 χ^2/NDF : 254.5/8

Left: -77.037+/-0.390 χ^2/NDF : 917.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -77.494+/-0.556 χ^2/NDF : 254.5/8
 Out: -76.596+/-0.546 χ^2/NDF : 661.2/10
 All: -77.037+/-0.390 χ^2/NDF : 917.0/19

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: 4.061 ± 0.350 χ^2/NDF : 188.5/10

Right Out: 8.146 ± 0.454 χ^2/NDF : 406.8/16

Left In: 4.531 ± 0.365 χ^2/NDF : 141.5/8

Left: 4.286 ± 0.253 χ^2/NDF : 330.8/19

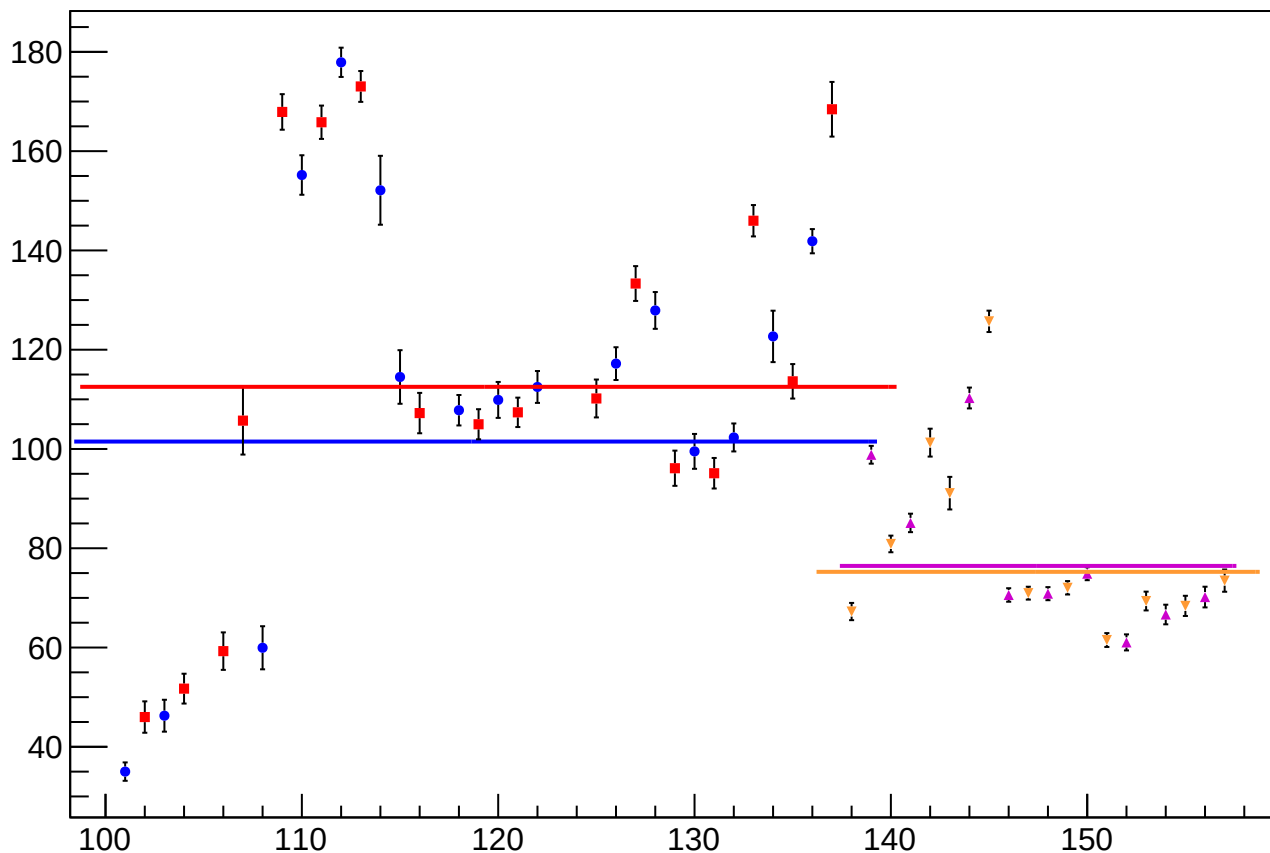
Right: 6.763 ± 0.310 χ^2/NDF : 886.1/32

In: 4.967 ± 0.277 χ^2/NDF : 606.8/24

Out: 5.585 ± 0.278 χ^2/NDF : 645.9/27

All: 5.275 ± 0.196 χ^2/NDF : 1255.3/52

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2/NDF : 2973.0/15

Left Out: 75.250 $\pm$ 0.535 χ^2/NDF : 825.1/10

Right Out: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

Left In: 76.444 $\pm$ 0.543 χ^2/NDF : 599.4/8

Left: 75.839 $\pm$ 0.381 χ^2/NDF : 1427.0/19

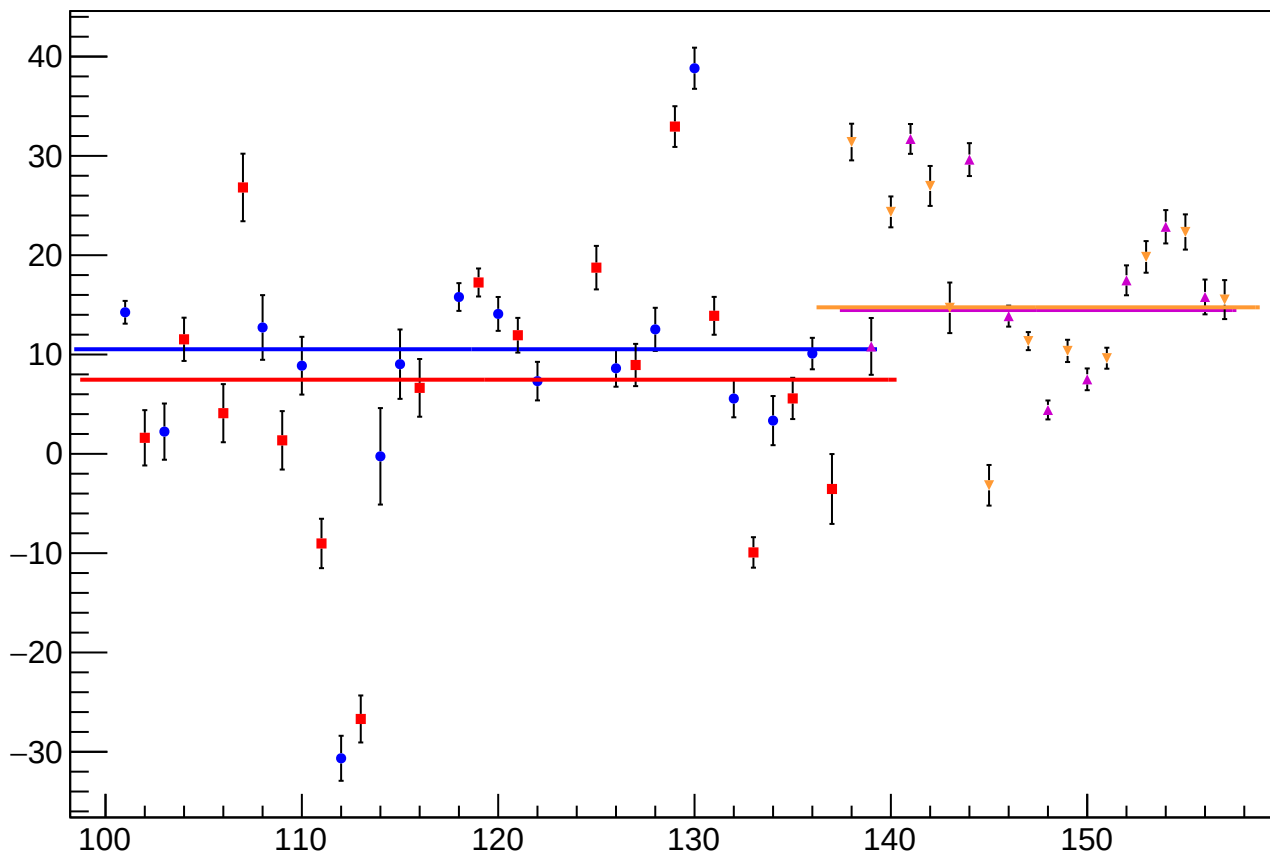
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 84.229 $\pm$ 0.451 χ^2/NDF : 4234.5/24

Out: 85.947 $\pm$ 0.452 χ^2/NDF : 4455.1/27

All: 85.086 $\pm$ 0.319 χ^2/NDF : 8696.9/52

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.752 $\pm$ 0.438 χ^2 /NDF:314.6/10

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 14.481 $\pm$ 0.453 χ^2 /NDF:398.4/8

Left: 14.621 $\pm$ 0.315 χ^2 /NDF: 713.1/19

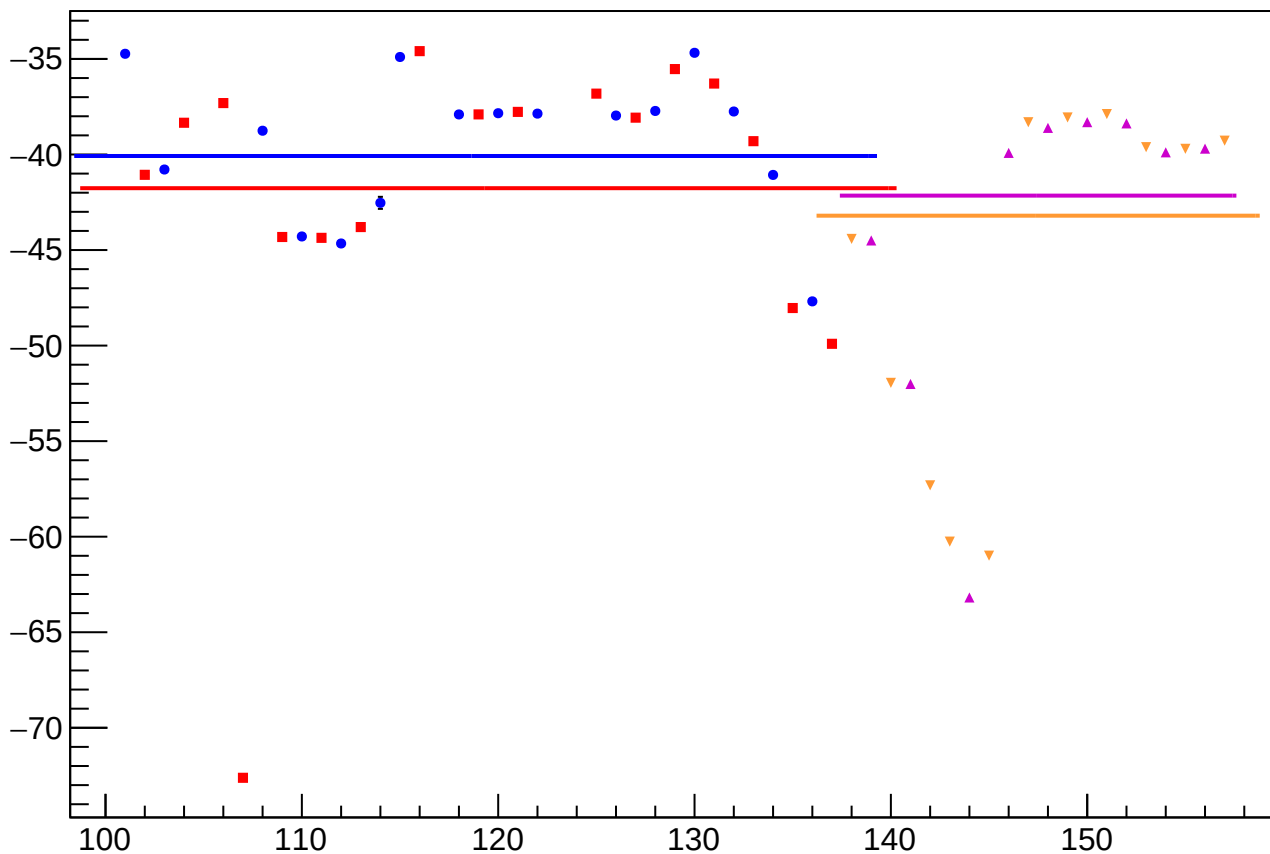
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.674 $\pm$ 0.333 χ^2 /NDF:1013.5/24

Out: 11.766 $\pm$ 0.336 χ^2 /NDF:1113.2/27

All: 12.223 $\pm$ 0.237 χ^2 /NDF: 2130.4/52

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -43.202 ± 0.022 $\chi^2/\text{NDF}: 120004.9/10$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -42.152 ± 0.022 $\chi^2/\text{NDF}: 86365.2/8$

Left: -42.677 ± 0.015 $\chi^2/\text{NDF}: 207524.4/19$

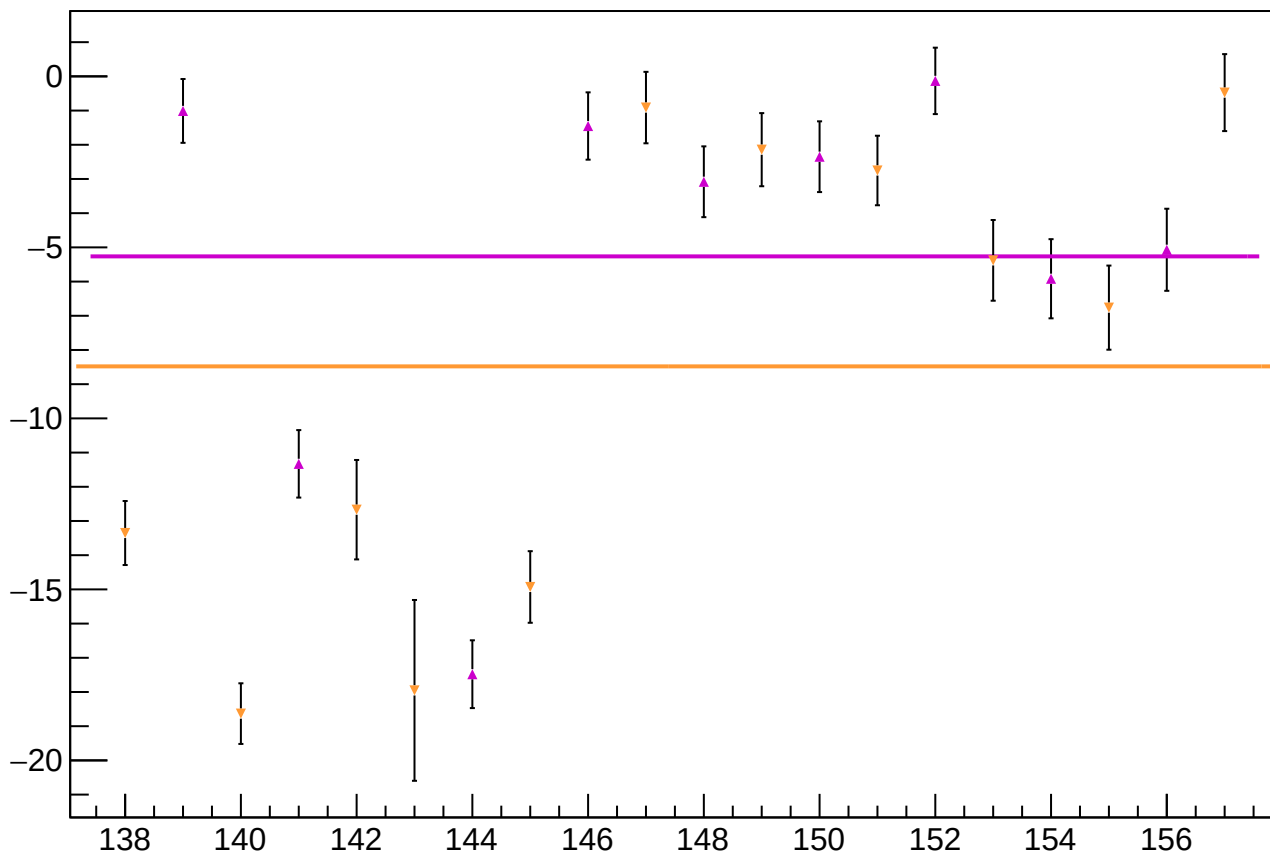
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -41.375 ± 0.017 $\chi^2/\text{NDF}: 114886.7/24$

Out: -42.678 ± 0.017 $\chi^2/\text{NDF}: 181834.4/27$

All: -42.021 ± 0.012 $\chi^2/\text{NDF}: 299539.6/52$

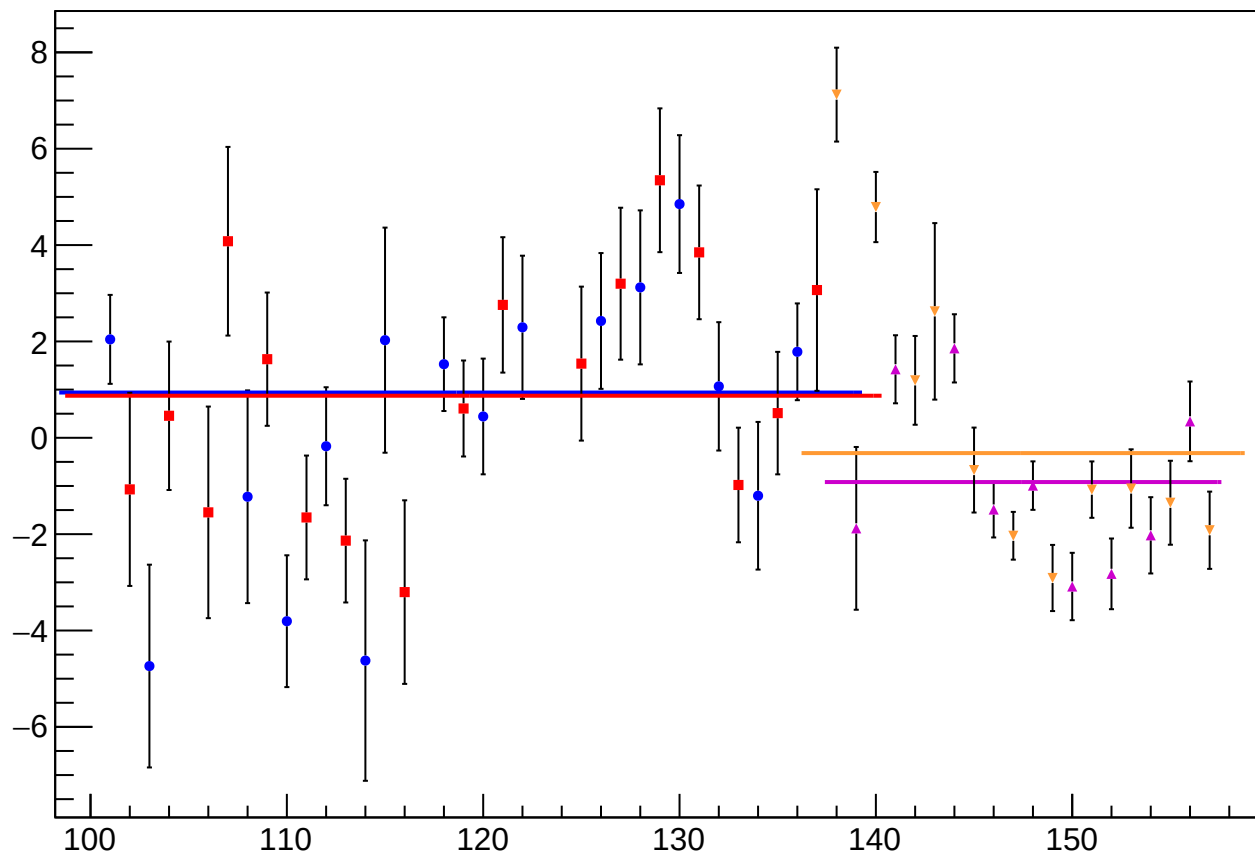
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.263+/-0.341 χ^2/NDF :266.2/8

Left: -6.897+/-0.239 χ^2/NDF : 707.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.263+/-0.341 χ^2/NDF :266.2/8
 Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 All: -6.897+/-0.239 χ^2/NDF : 707.5/19

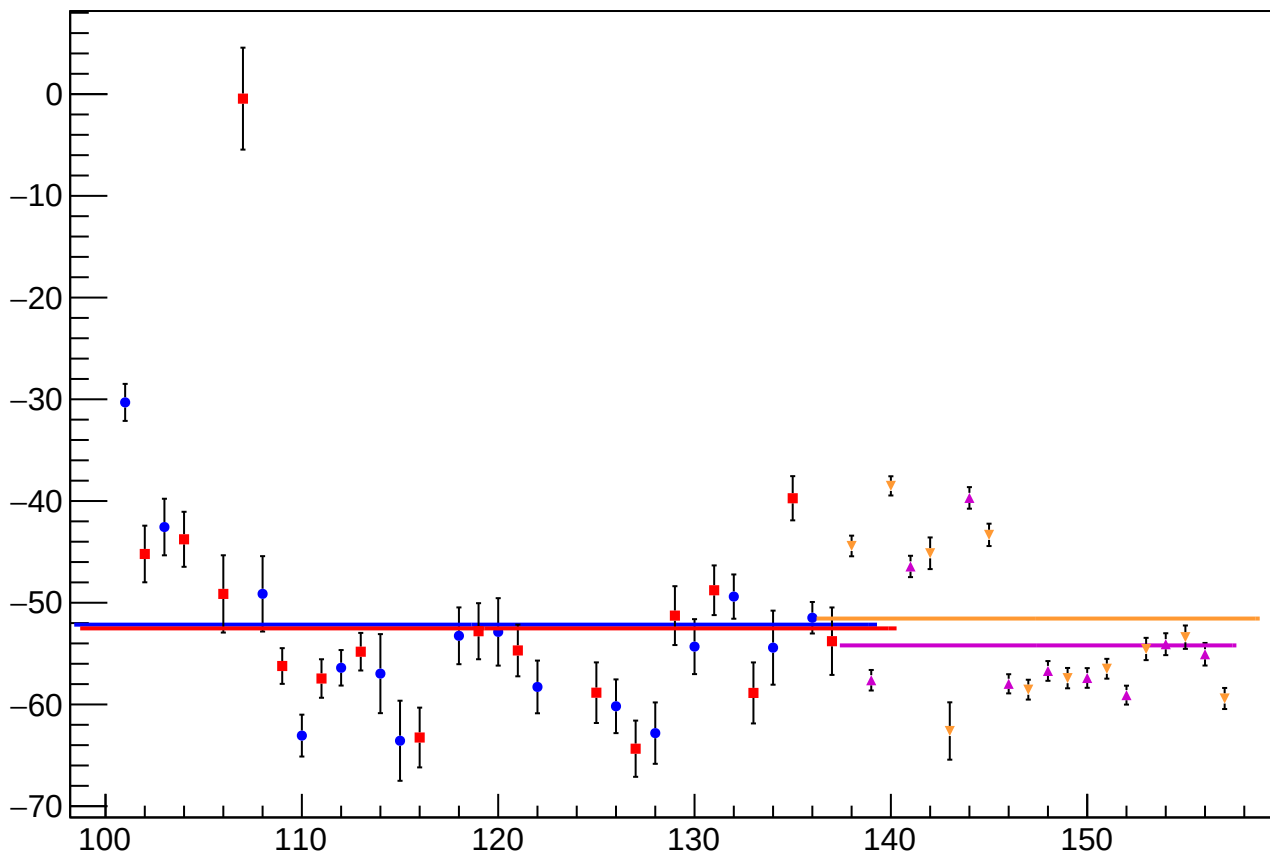
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$
 Left Out: -0.318 ± 0.228 $\chi^2/\text{NDF}: 146.9/10$
 Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$
 Left In: -0.919 ± 0.234 $\chi^2/\text{NDF}: 48.3/8$

Left: -0.610 ± 0.163 $\chi^2/\text{NDF}: 198.6/19$
 Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$
 In: -0.318 ± 0.193 $\chi^2/\text{NDF}: 110.9/24$
 Out: 0.032 ± 0.192 $\chi^2/\text{NDF}: 195.5/27$
 All: -0.142 ± 0.136 $\chi^2/\text{NDF}: 308.0/52$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -51.555 ± 0.332 χ^2/NDF : 507.6/10

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.194 ± 0.336 χ^2/NDF : 315.3/8

Left: -52.858 ± 0.236 χ^2/NDF : 854.2/19

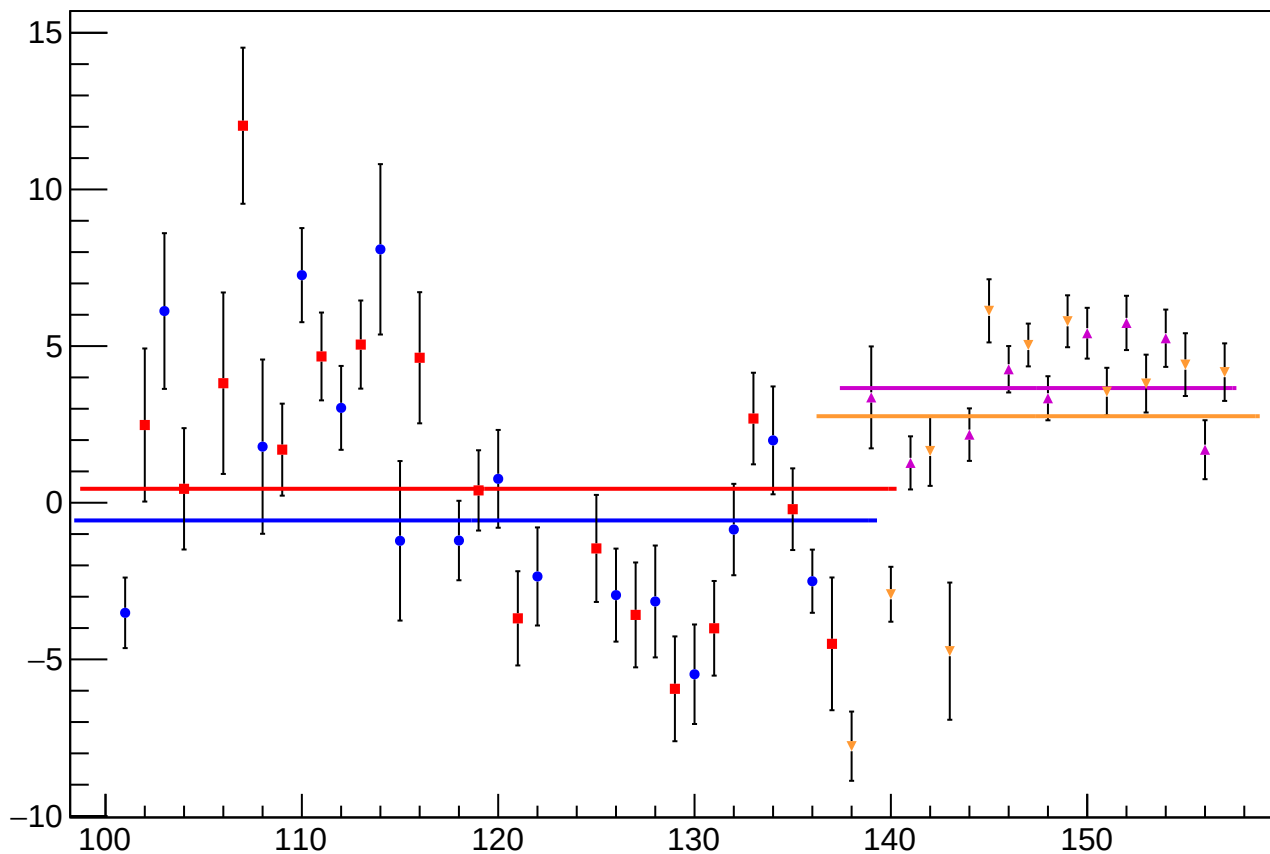
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.723 ± 0.295 χ^2/NDF : 554.9/24

Out: -51.771 ± 0.292 χ^2/NDF : 727.2/27

All: -52.740 ± 0.207 χ^2/NDF : 1304.2/52

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.762 ± 0.279 χ^2/NDF : 188.6/10

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 3.660 ± 0.286 χ^2/NDF : 29.8/8

Left: 3.200 ± 0.200 χ^2/NDF : 223.5/19

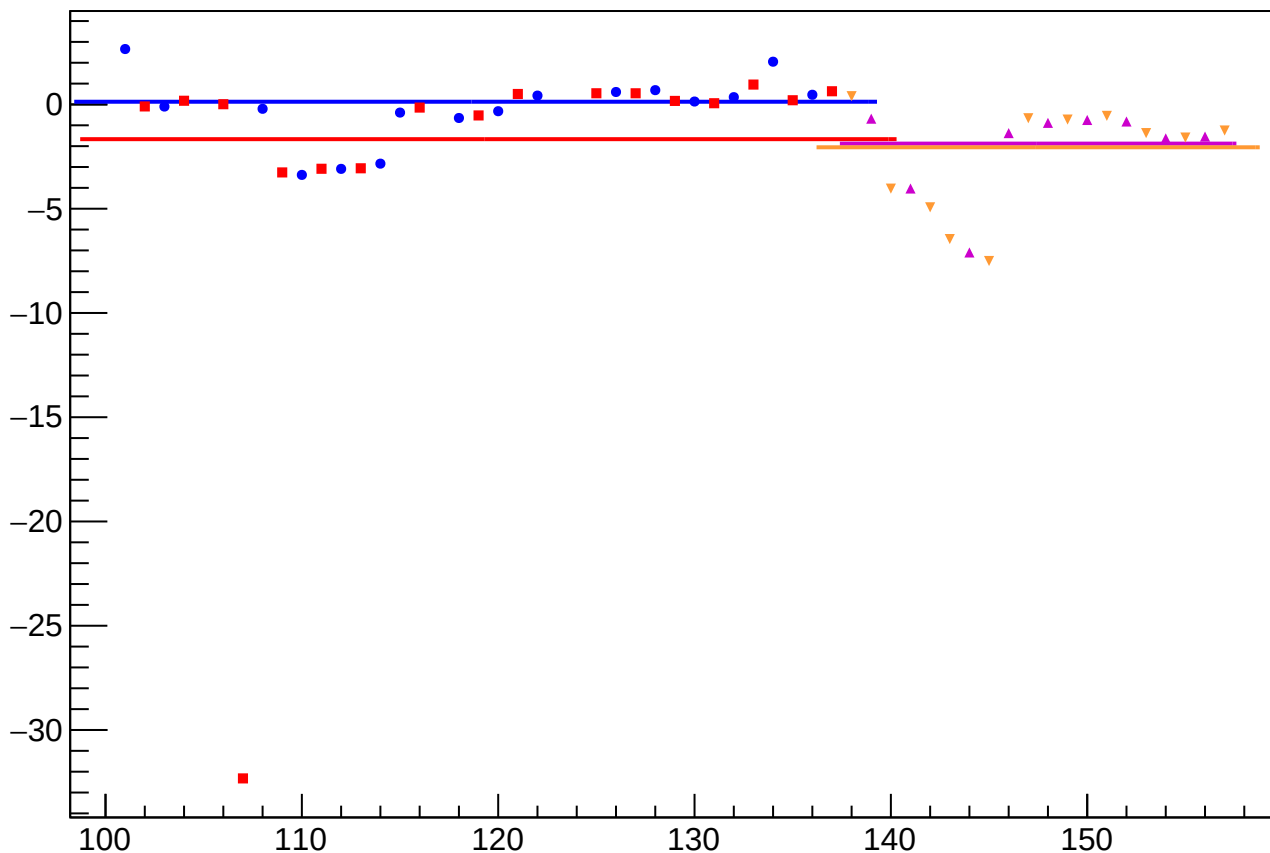
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 2.154 ± 0.230 χ^2/NDF : 189.4/24

Out: 2.002 ± 0.229 χ^2/NDF : 305.2/27

All: 2.078 ± 0.162 χ^2/NDF : 494.8/52

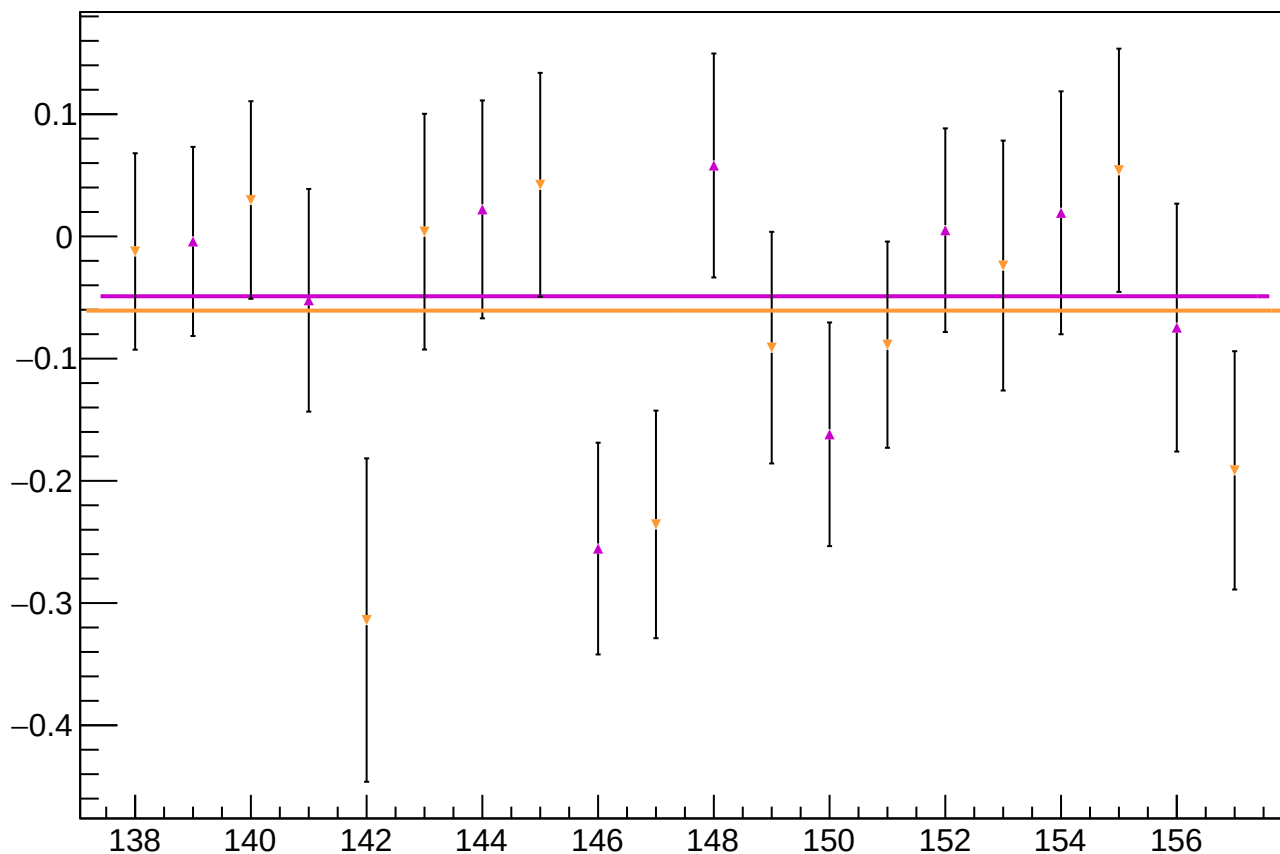
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.054 ± 0.013 $\chi^2/\text{NDF}: 29840.5/10$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.878 ± 0.013 $\chi^2/\text{NDF}: 18818.7/8$

Left: -1.967 ± 0.009 $\chi^2/\text{NDF}: 48748.4/19$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.324 ± 0.011 $\chi^2/\text{NDF}: 30362.3/24$
 Out: -1.951 ± 0.011 $\chi^2/\text{NDF}: 107676.3/27$
 All: -1.638 ± 0.008 $\chi^2/\text{NDF}: 139582.0/52$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.061+/-0.028 χ^2/NDF : 14.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.049+/-0.030 χ^2/NDF : 10.5/8

Left: -0.055+/-0.020 χ^2/NDF : 24.6/19

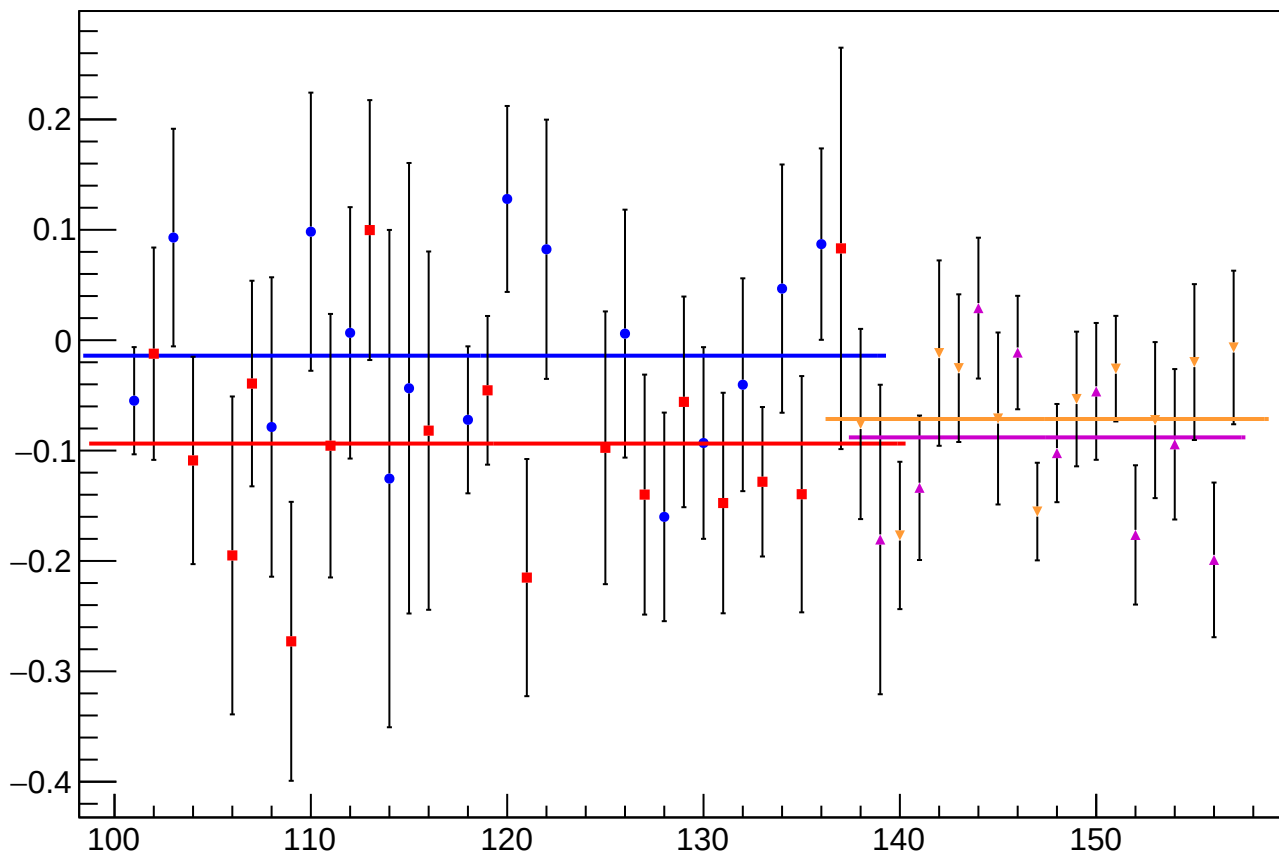
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.049+/-0.030 χ^2/NDF : 10.5/8

Out: -0.061+/-0.028 χ^2/NDF : 14.0/10

All: -0.055+/-0.020 χ^2/NDF : 24.6/19

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.019 χ^2/NDF : 9.5/10

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.088 ± 0.021 χ^2/NDF : 11.6/8

Left: -0.079 ± 0.014 χ^2/NDF : 21.4/19

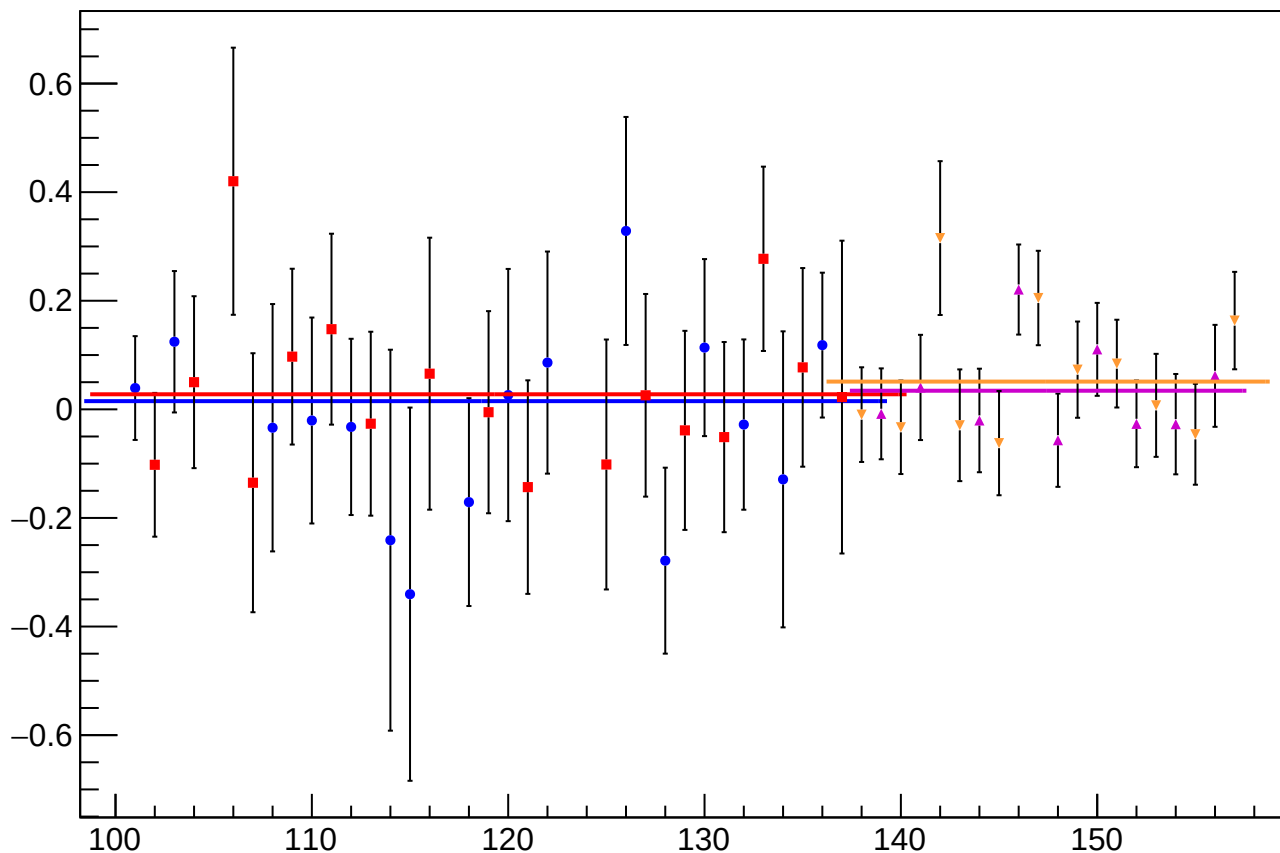
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.055 ± 0.015 χ^2/NDF : 29.7/24

Out: -0.080 ± 0.015 χ^2/NDF : 20.1/27

All: -0.068 ± 0.011 χ^2/NDF : 51.0/52

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.051 $\pm$ 0.028 χ^2 /NDF:13.2/10

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.034 $\pm$ 0.029 χ^2 /NDF:8.7/8

Left: 0.043 $\pm$ 0.020 χ^2 /NDF: 22.0/19

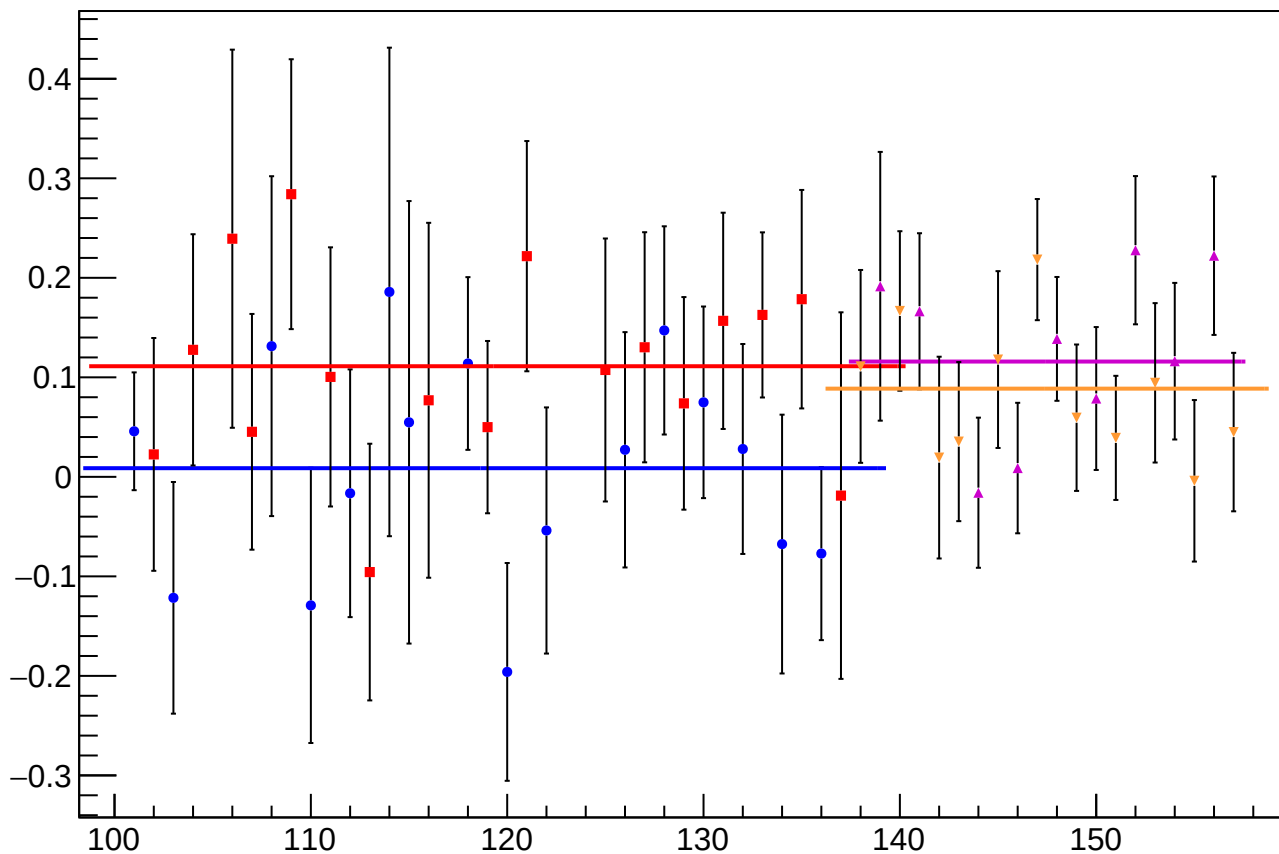
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.028 $\pm$ 0.024 χ^2 /NDF:18.9/24

Out: 0.045 $\pm$ 0.024 χ^2 /NDF:21.8/27

All: 0.037 $\pm$ 0.017 χ^2 /NDF: 40.9/52

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.089 $\pm$ 0.023 χ^2 /NDF:9.0/10

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.116 $\pm$ 0.025 χ^2 /NDF:10.9/8

Left: 0.101 $\pm$ 0.017 χ^2 /NDF: 20.5/19

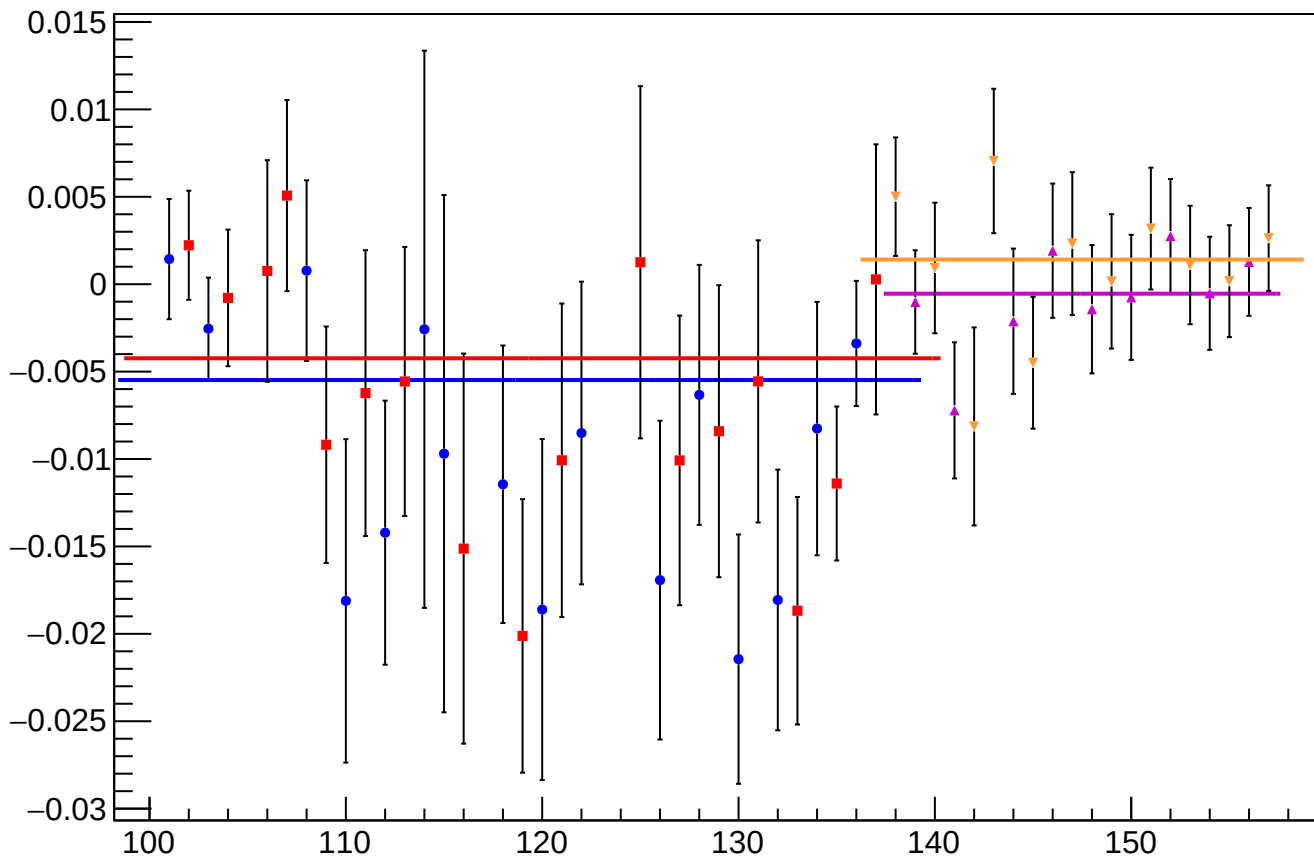
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.066 $\pm$ 0.018 χ^2 /NDF:31.9/24

Out: 0.098 $\pm$ 0.018 χ^2 /NDF:17.9/27

All: 0.082 $\pm$ 0.013 χ^2 /NDF: 51.4/52

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 9.0/10

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.001 ± 0.001 χ^2/NDF : 4.9/8

Left: 0.000 ± 0.001 χ^2/NDF : 15.5/19

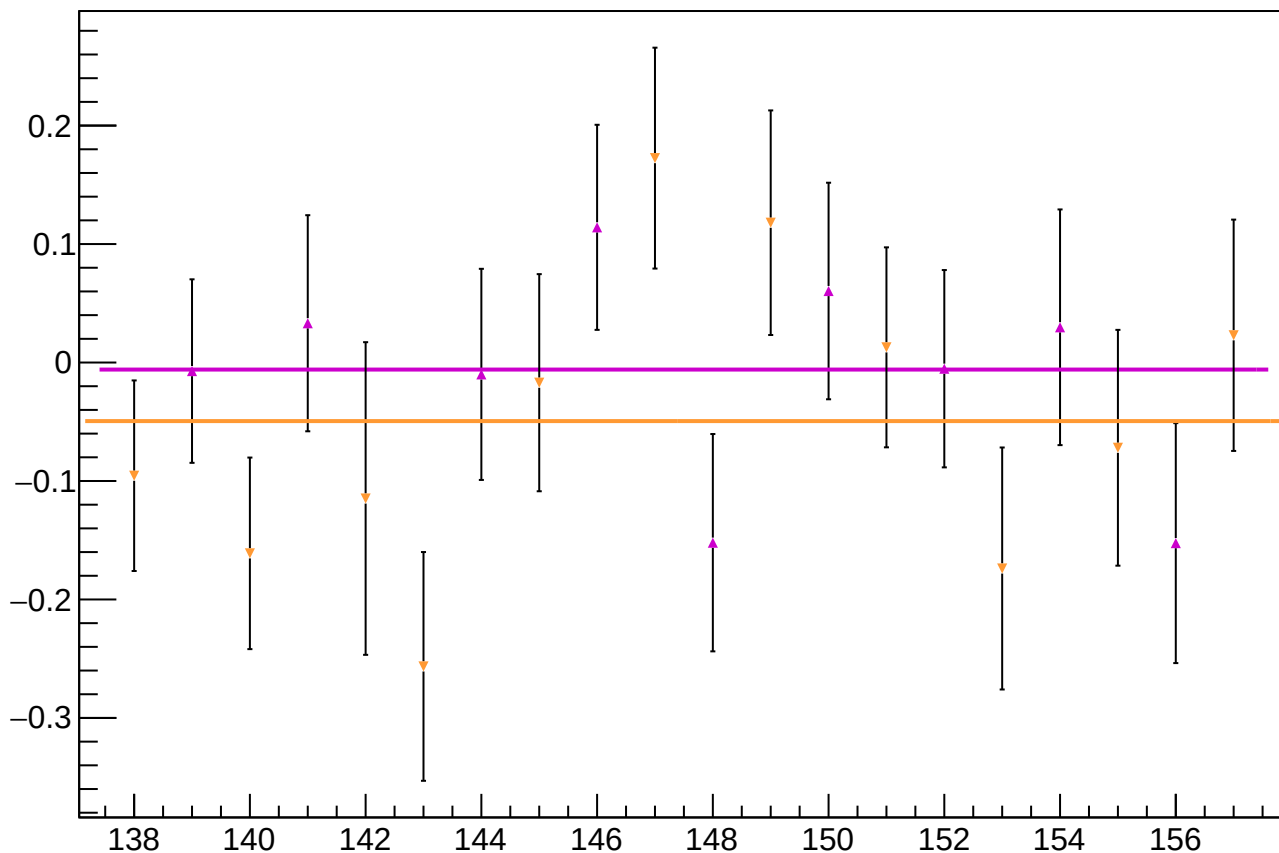
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 34.4/24

Out: -0.001 ± 0.001 χ^2/NDF : 42.2/27

All: -0.002 ± 0.001 χ^2/NDF : 78.7/52

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.006 $\pm$ 0.030 χ^2 /NDF:7.4/8

Left: -0.029 $\pm$ 0.020 χ^2 /NDF: 27.1/19

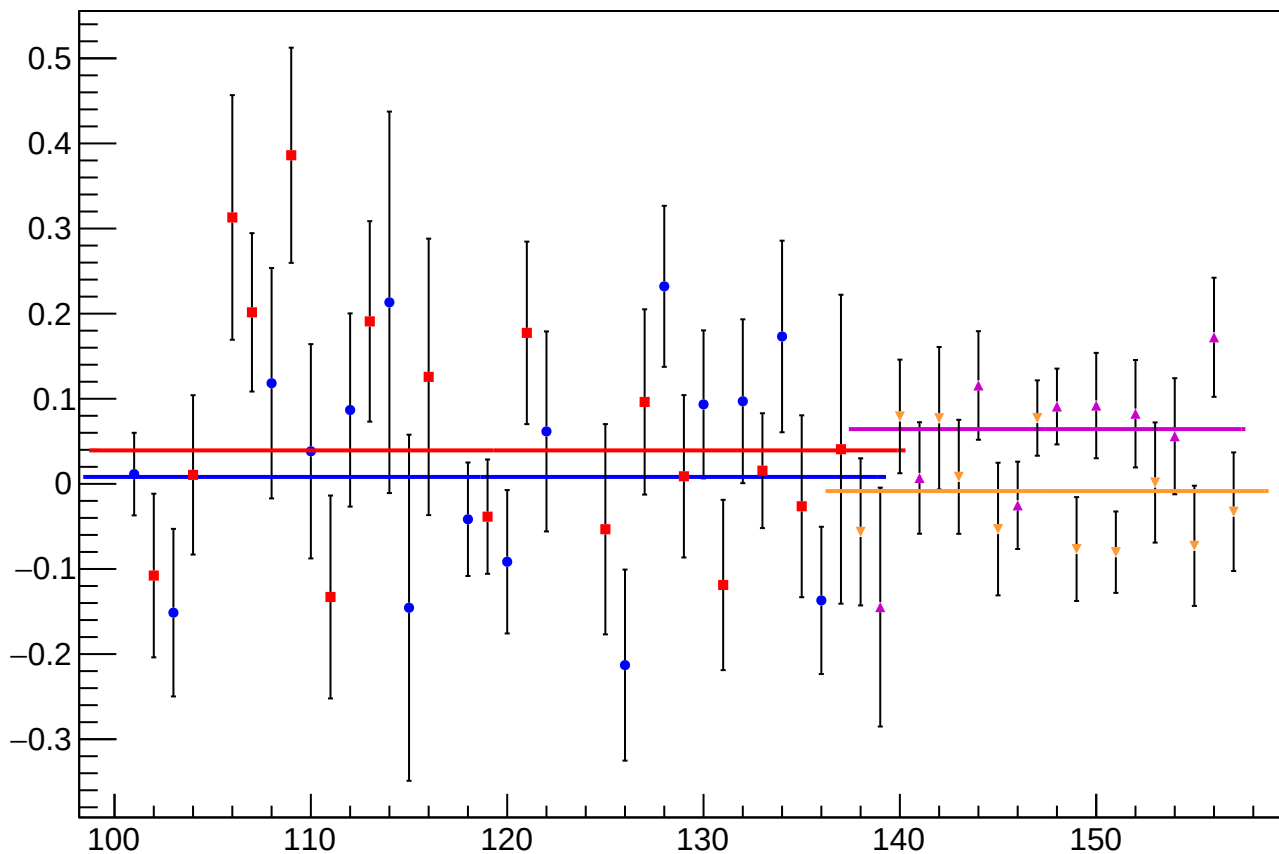
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.006 $\pm$ 0.030 χ^2 /NDF:7.4/8

Out: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10

All: -0.029 $\pm$ 0.020 χ^2 /NDF: 27.1/19

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.008 ± 0.019 $\chi^2/\text{NDF}: 11.7/10$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.064 ± 0.021 $\chi^2/\text{NDF}: 9.7/8$

Left: 0.025 ± 0.014 $\chi^2/\text{NDF}: 28.1/19$

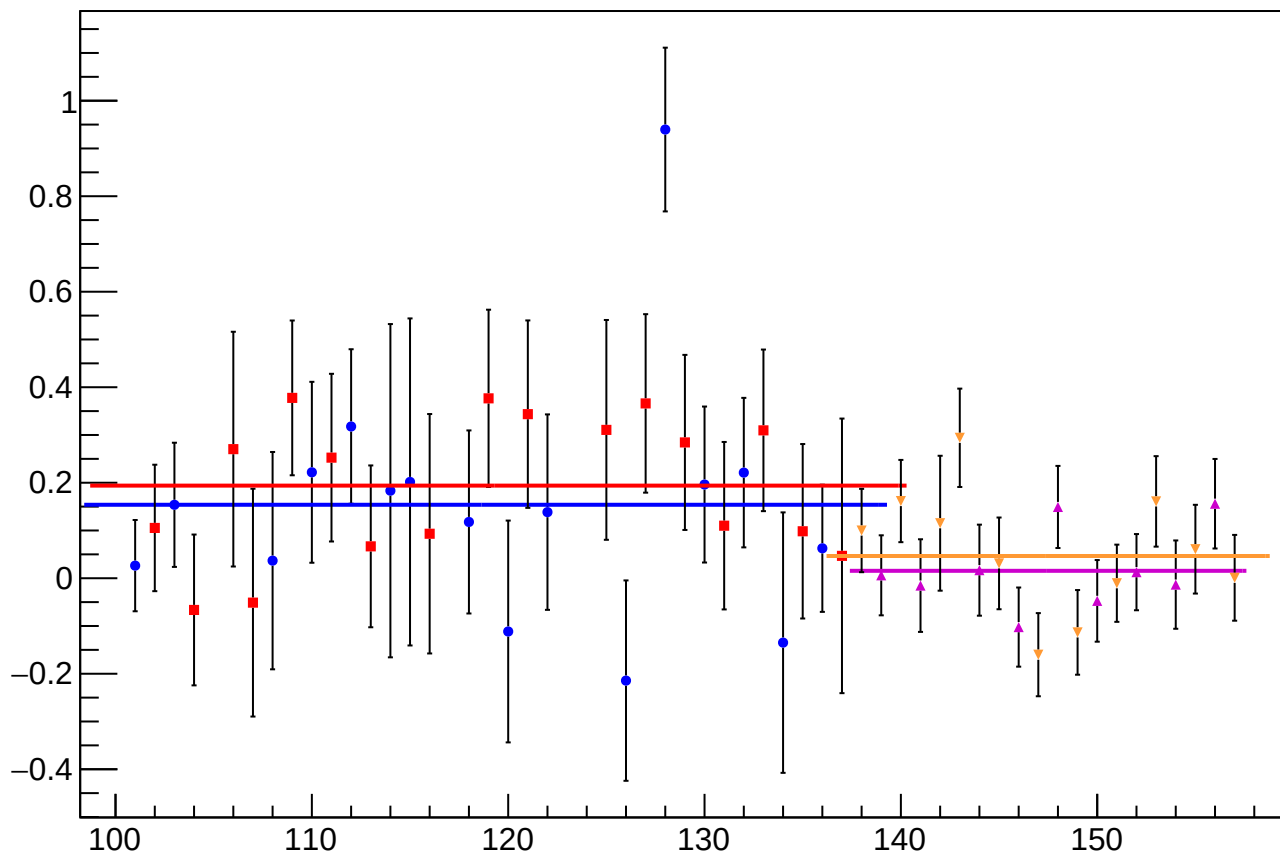
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.040 ± 0.015 $\chi^2/\text{NDF}: 36.6/24$

Out: 0.010 ± 0.015 $\chi^2/\text{NDF}: 41.6/27$

All: 0.024 ± 0.011 $\chi^2/\text{NDF}: 80.2/52$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.047 $\pm$ 0.028 χ^2 /NDF:19.3/10

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.016 $\pm$ 0.029 χ^2 /NDF:7.4/8

Left: 0.032 $\pm$ 0.020 χ^2 /NDF: 27.4/19

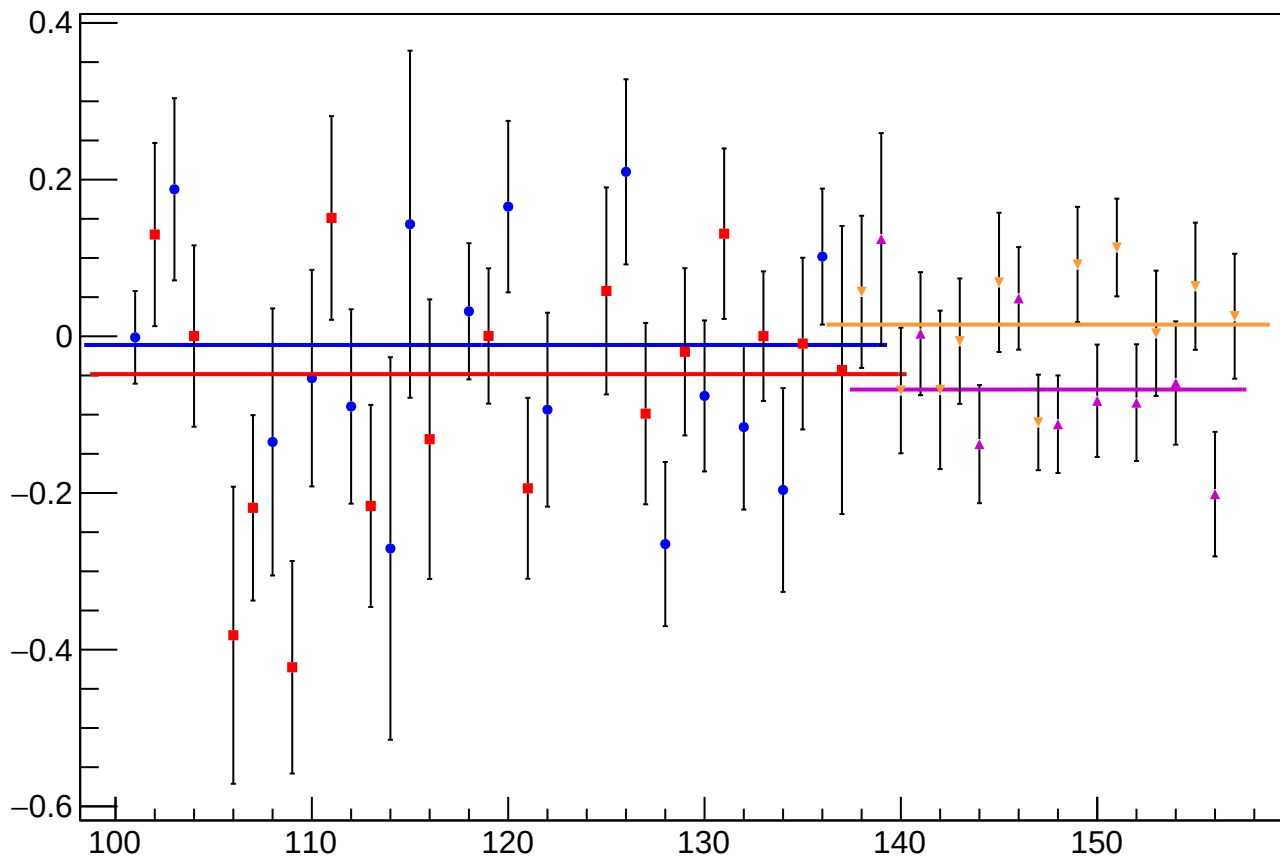
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.060 $\pm$ 0.024 χ^2 /NDF:45.0/24

Out: 0.088 $\pm$ 0.024 χ^2 /NDF:37.6/27

All: 0.074 $\pm$ 0.017 χ^2 /NDF: 83.4/52

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.015 ± 0.023 χ^2/NDF : 10.6/10

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.068 ± 0.025 χ^2/NDF : 10.3/8

Left: -0.024 ± 0.017 χ^2/NDF : 26.7/19

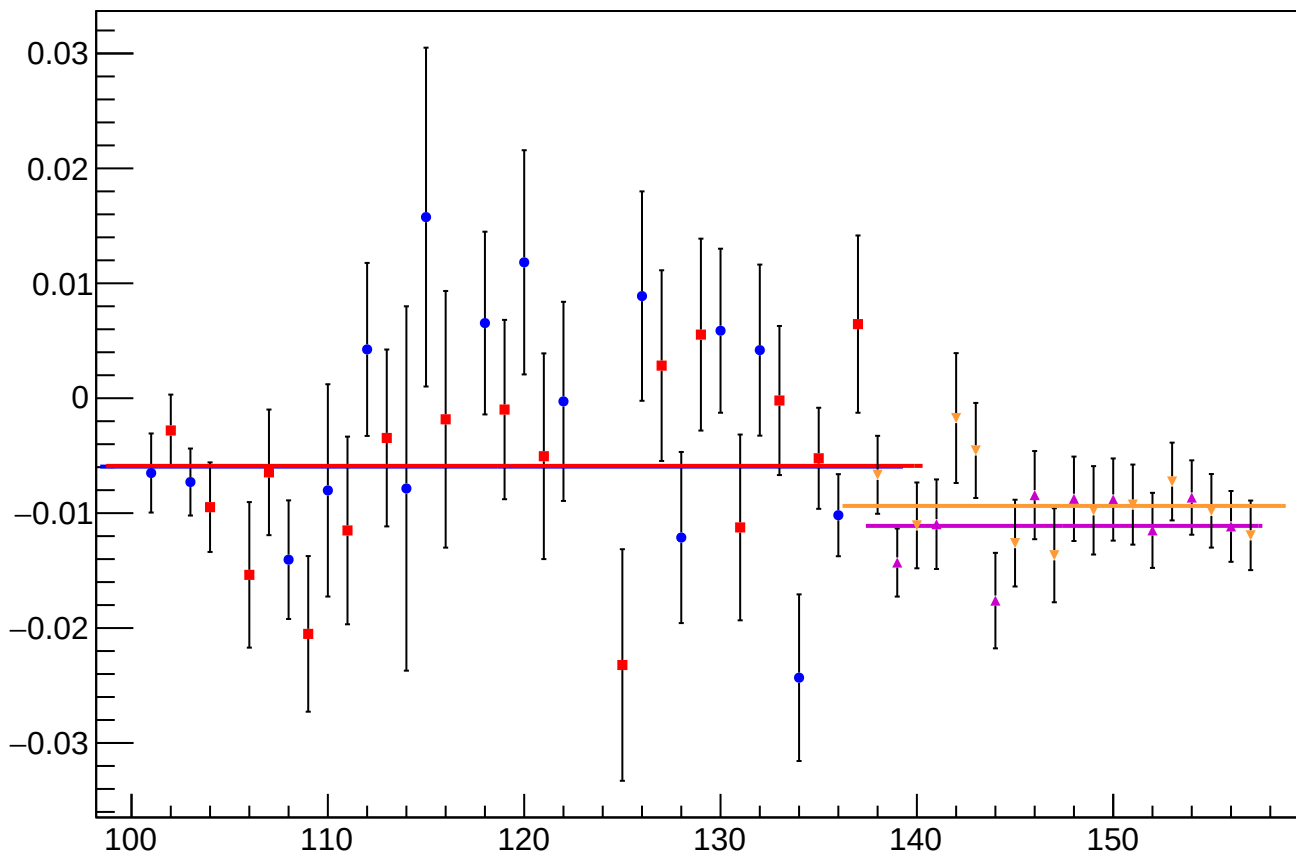
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.041 ± 0.018 χ^2/NDF : 36.1/24

Out: -0.010 ± 0.018 χ^2/NDF : 39.1/27

All: -0.026 ± 0.013 χ^2/NDF : 76.6/52

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 7.0/10

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/8

Left: -0.010 ± 0.001 χ^2/NDF : 13.7/19

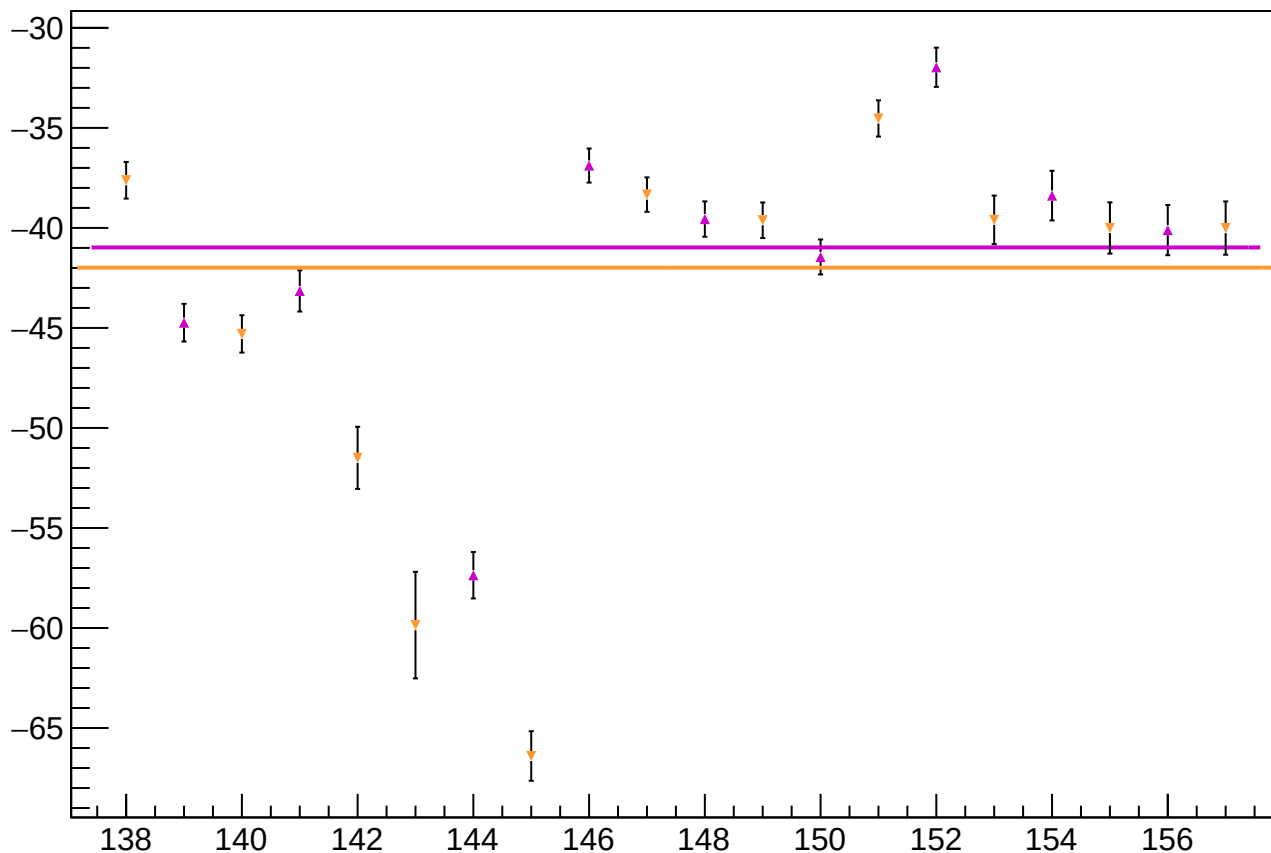
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 42.1/24

Out: -0.008 ± 0.001 χ^2/NDF : 30.2/27

All: -0.009 ± 0.001 χ^2/NDF : 72.9/52

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.986+/-0.329 χ^2/NDF :607.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.977+/-0.331 χ^2/NDF :335.1/8

Left: -41.485+/-0.234 χ^2/NDF : 946.7/19

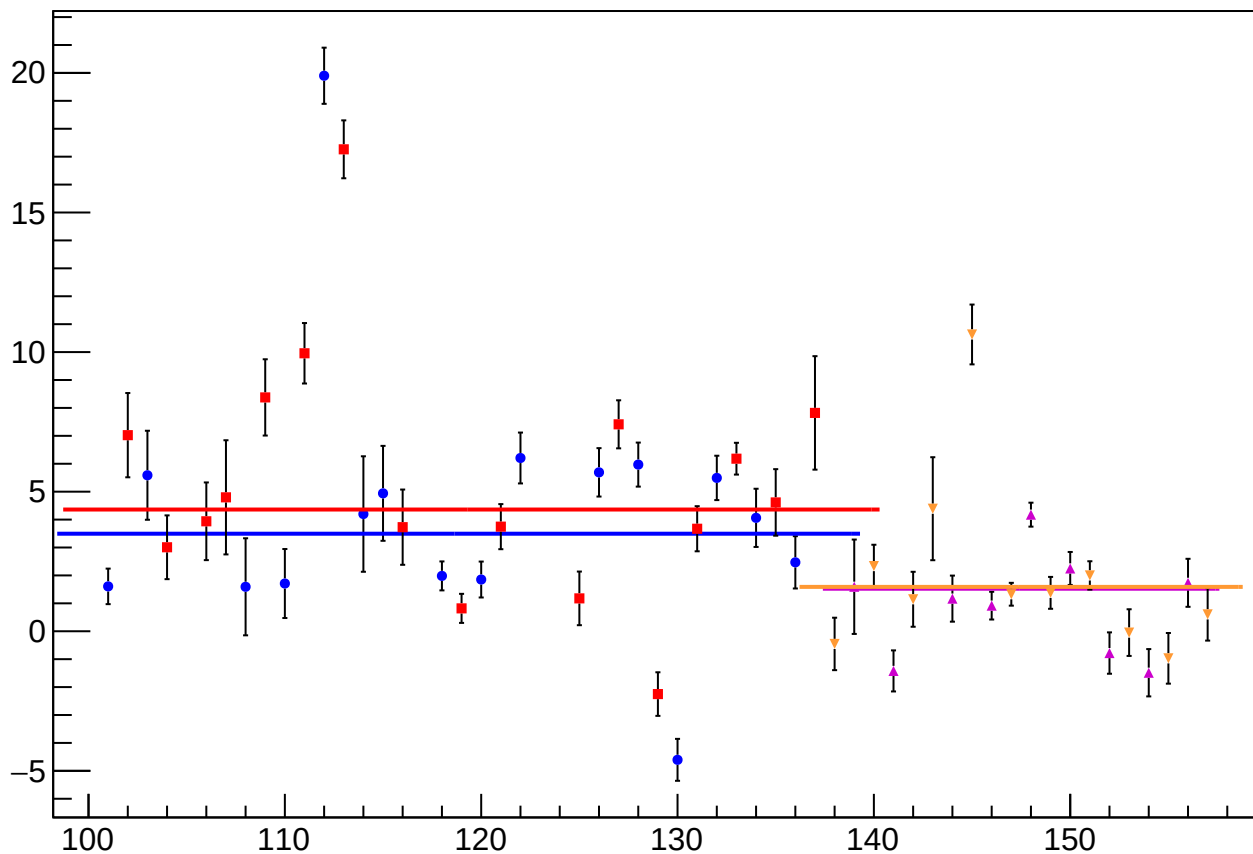
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.977+/-0.331 χ^2/NDF :335.1/8

Out: -41.986+/-0.329 χ^2/NDF :607.0/10

All: -41.485+/-0.234 χ^2/NDF : 946.7/19

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.589 $\pm$ 0.214 χ^2 /NDF:93.5/10

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.523 $\pm$ 0.220 χ^2 /NDF:79.8/8

Left: 1.557 $\pm$ 0.154 χ^2 /NDF: 173.4/19

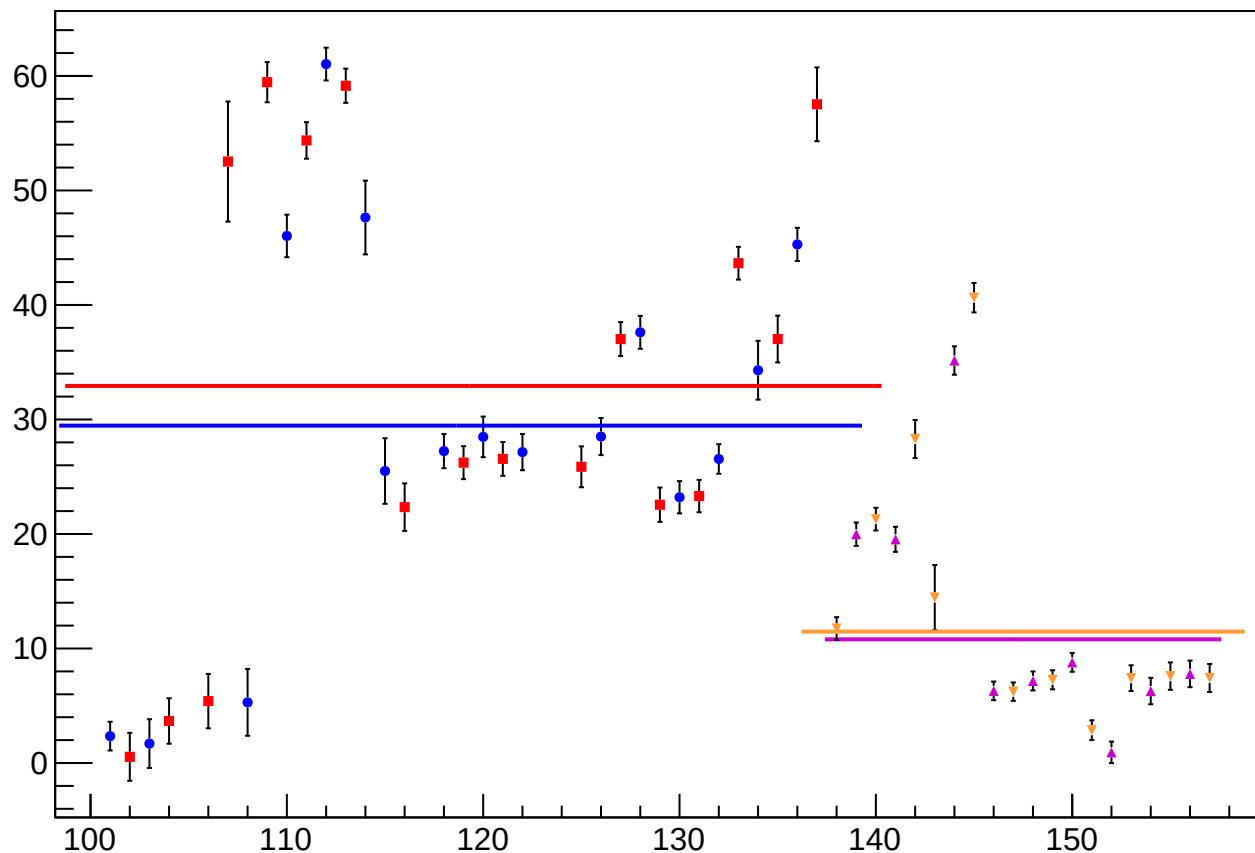
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.521 $\pm$ 0.155 χ^2 /NDF:565.2/24

Out: 2.906 $\pm$ 0.155 χ^2 /NDF:523.9/27

All: 2.713 $\pm$ 0.110 χ^2 /NDF: 1092.1/52

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.475 $\pm$ 0.323 χ^2 /NDF:916.9/10

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 10.799 $\pm$ 0.324 χ^2 /NDF:717.8/8

Left: 11.138 $\pm$ 0.229 χ^2 /NDF: 1636.9/19

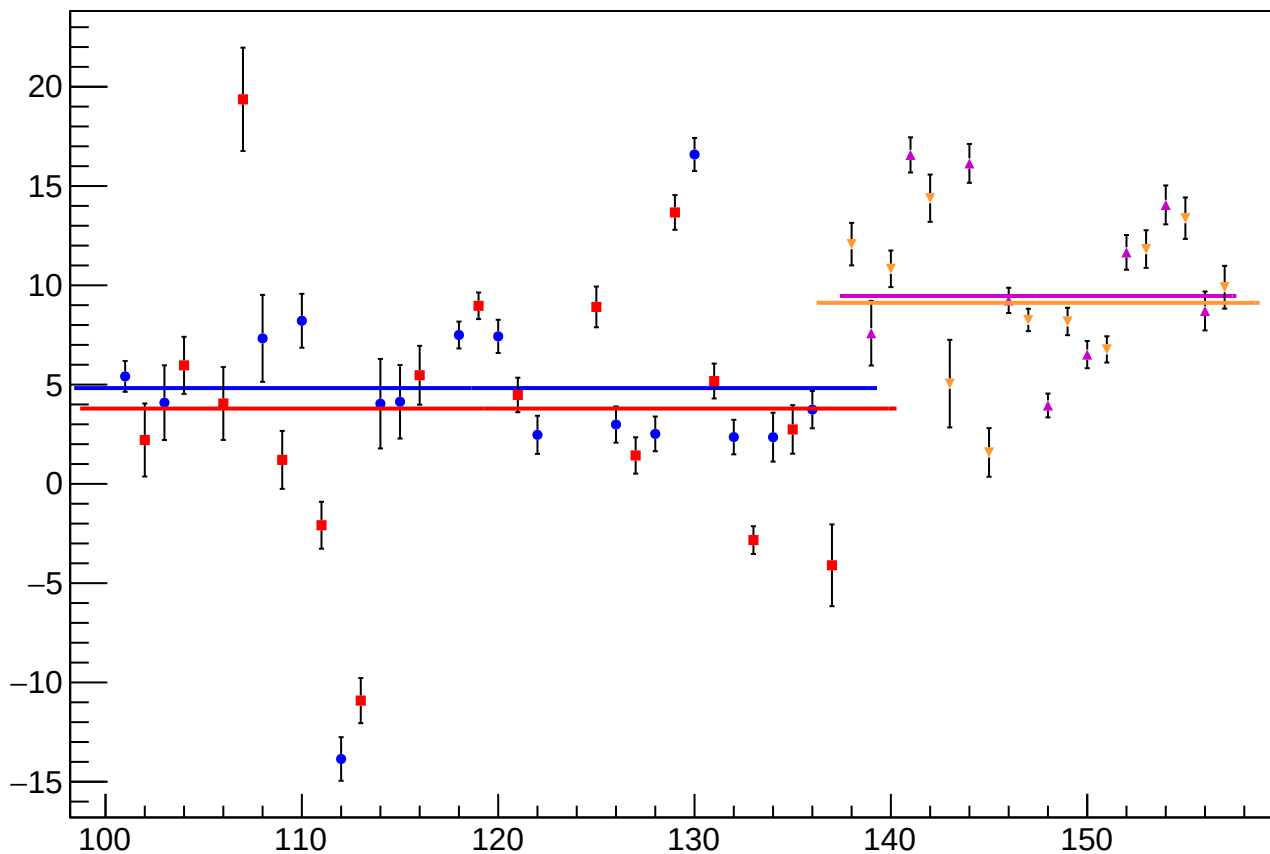
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 17.812 $\pm$ 0.256 χ^2 /NDF:3456.7/24

Out: 19.360 $\pm$ 0.257 χ^2 /NDF:4164.6/27

All: 18.584 $\pm$ 0.181 χ^2 /NDF: 7639.5/52

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.118 ± 0.267 $\chi^2/\text{NDF}: 114.1/10$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.463 ± 0.272 $\chi^2/\text{NDF}: 244.4/8$

Left: 9.287 ± 0.191 $\chi^2/\text{NDF}: 359.3/19$

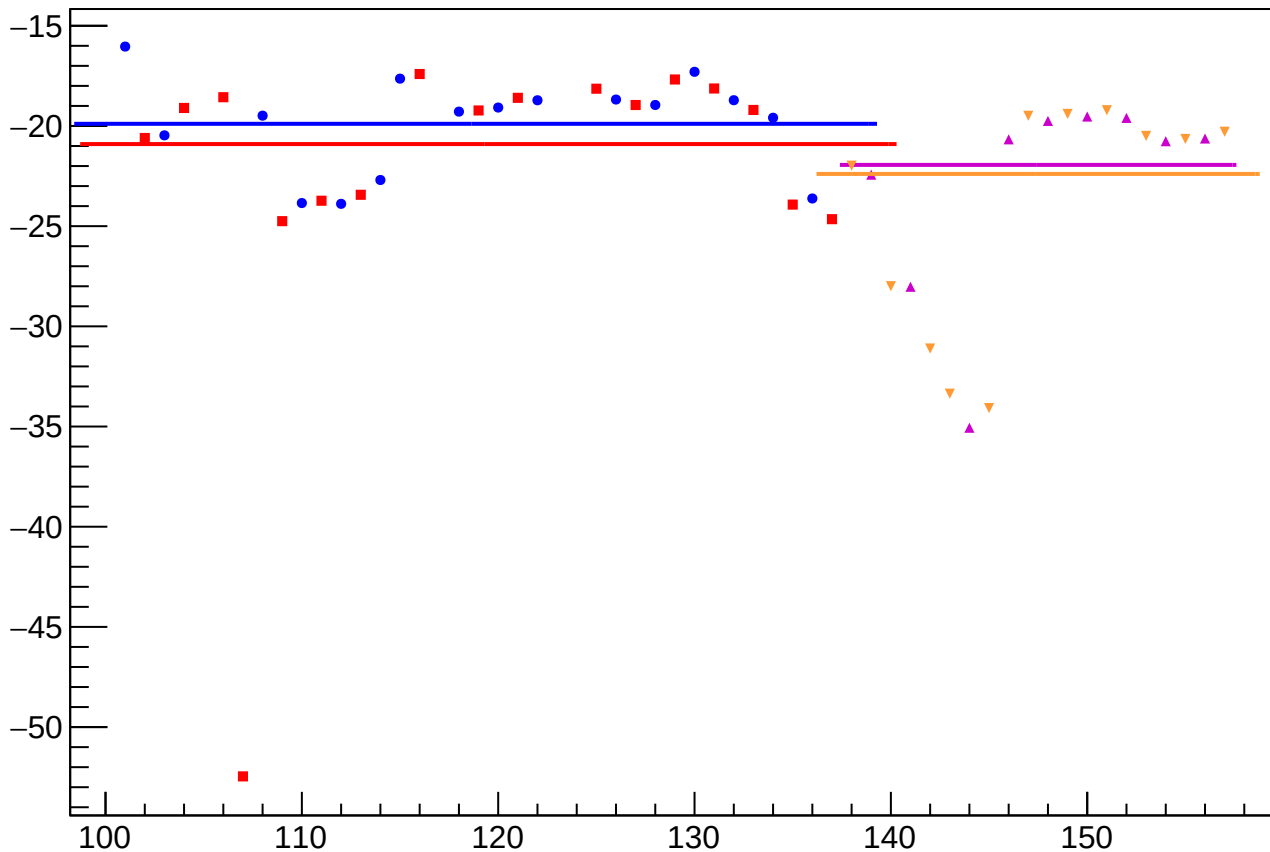
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 6.960 ± 0.185 $\chi^2/\text{NDF}: 953.8/24$

Out: 6.377 ± 0.186 $\chi^2/\text{NDF}: 883.0/27$

All: 6.670 ± 0.131 $\chi^2/\text{NDF}: 1841.7/52$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -22.393 ± 0.013 χ^2/NDF : 122241.3/10

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -21.943 ± 0.013 χ^2/NDF : 92761.4/8

Left: -22.166 ± 0.009 χ^2/NDF : 215600.8/19

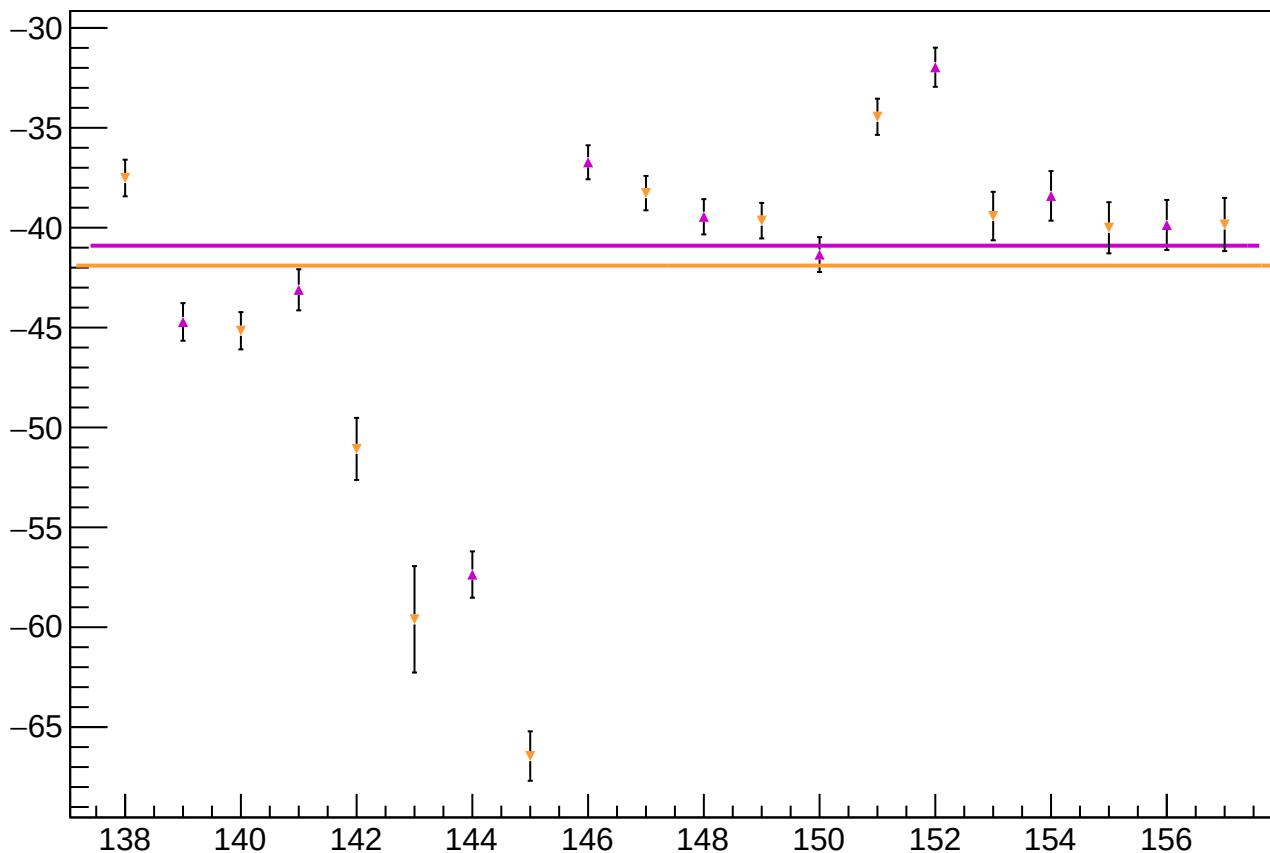
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -21.104 ± 0.010 χ^2/NDF : 129083.2/24

Out: -21.784 ± 0.010 χ^2/NDF : 220340.1/27

All: -21.441 ± 0.007 χ^2/NDF : 351725.2/52

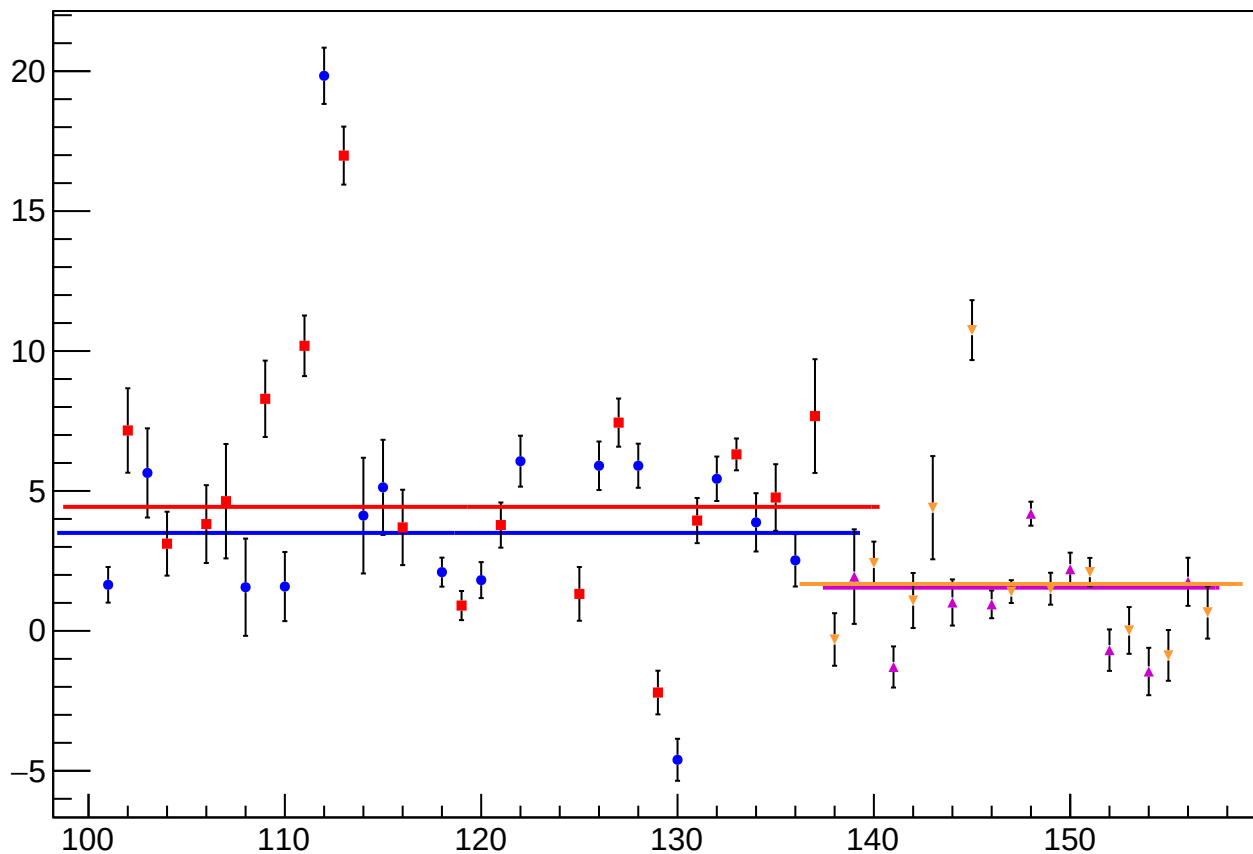
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.897+/-0.329 χ^2/NDF :607.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.900+/-0.331 χ^2/NDF :337.4/8

Left: -41.402+/-0.233 χ^2/NDF : 949.8/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.900+/-0.331 χ^2/NDF :337.4/8
 Out: -41.897+/-0.329 χ^2/NDF :607.8/10
 All: -41.402+/-0.233 χ^2/NDF : 949.8/19

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.677 ± 0.214 $\chi^2/\text{NDF}: 94.0/10$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.545 ± 0.220 $\chi^2/\text{NDF}: 77.7/8$

Left: 1.613 ± 0.154 $\chi^2/\text{NDF}: 171.9/19$

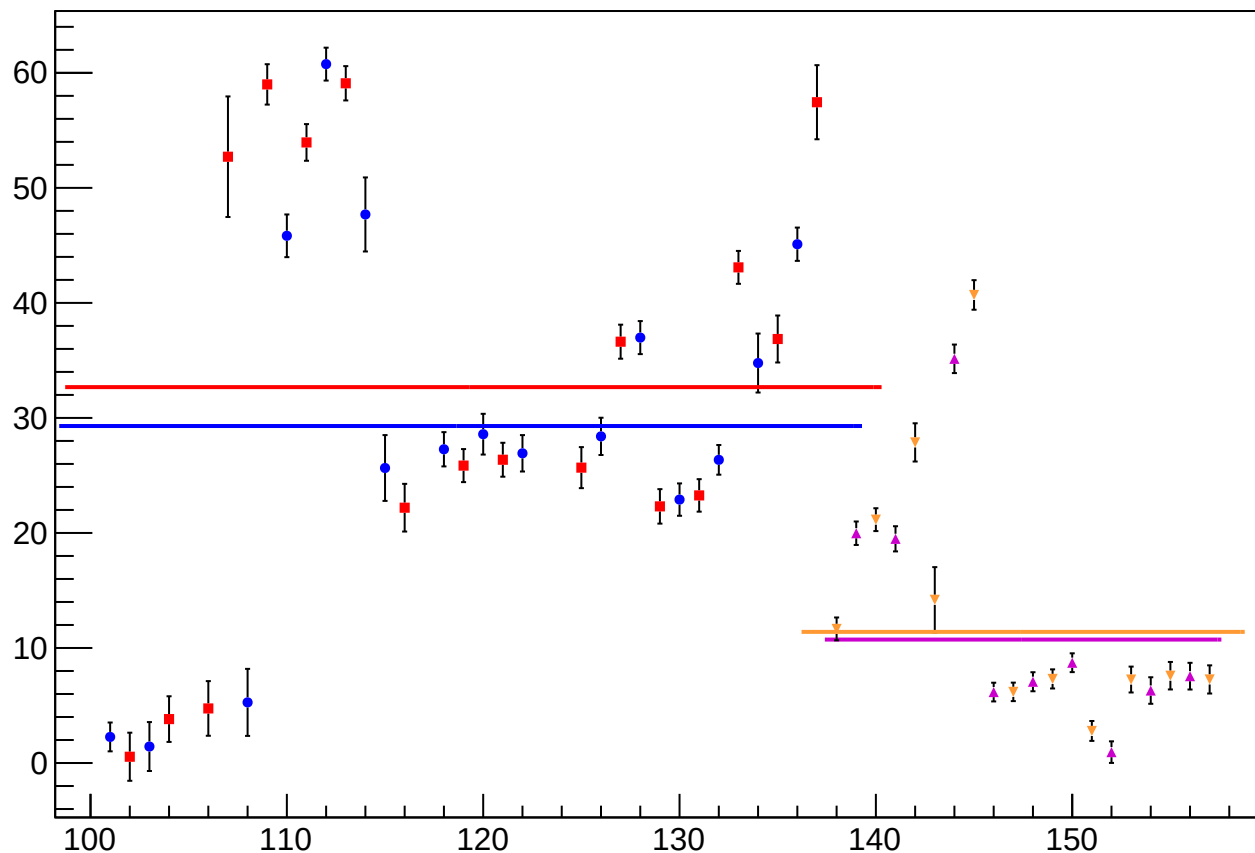
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.535 ± 0.155 $\chi^2/\text{NDF}: 559.5/24$

Out: 2.986 ± 0.155 $\chi^2/\text{NDF}: 516.2/27$

All: 2.760 ± 0.110 $\chi^2/\text{NDF}: 1079.9/52$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 11.400 $\pm$ 0.323 χ^2 /NDF: 915.7/10

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 10.731 $\pm$ 0.324 χ^2 /NDF: 721.6/8

Left: 11.067 $\pm$ 0.229 χ^2 /NDF: 1639.4/19

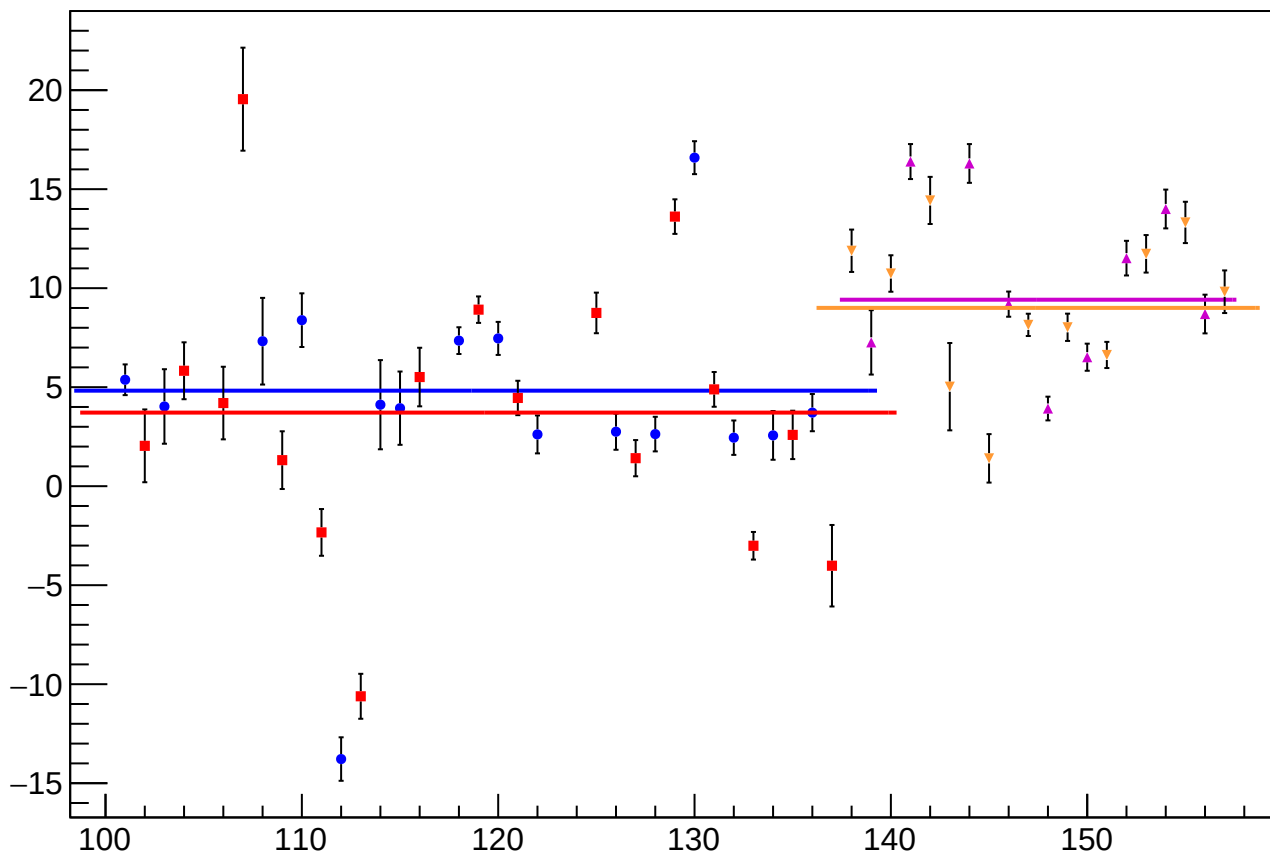
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 17.708 $\pm$ 0.256 χ^2 /NDF: 3442.7/24

Out: 19.222 $\pm$ 0.257 χ^2 /NDF: 4129.3/27

All: 18.462 $\pm$ 0.181 χ^2 /NDF: 7589.5/52

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.004 ± 0.266 $\chi^2/\text{NDF}: 116.7/10$

Right Out: 3.716 ± 0.259 $\chi^2/\text{NDF}: 559.9/16$

Left In: 9.417 ± 0.272 $\chi^2/\text{NDF}: 243.9/8$

Left: 9.206 ± 0.190 $\chi^2/\text{NDF}: 361.8/19$

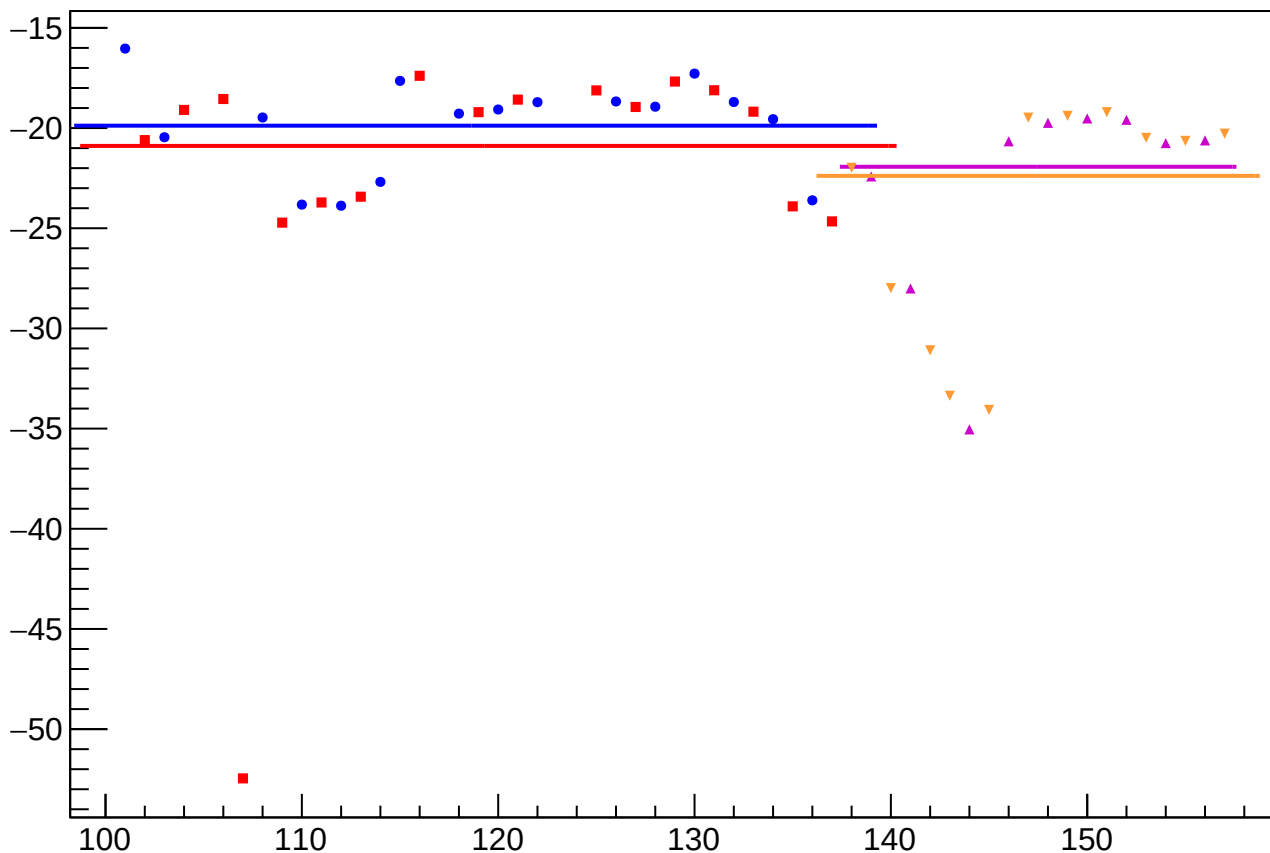
Right: 4.286 ± 0.180 $\chi^2/\text{NDF}: 1118.6/32$

In: 6.939 ± 0.185 $\chi^2/\text{NDF}: 946.7/24$

Out: 6.283 ± 0.186 $\chi^2/\text{NDF}: 879.3/27$

All: 6.612 ± 0.131 $\chi^2/\text{NDF}: 1832.3/52$

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: -22.385+/-0.013 χ^2/NDF :122333.9/10

Right Out: -20.891+/-0.016 χ^2/NDF : 92913.6/16

Left In: -21.932+/-0.013 χ^2/NDF :92712.8/8

Left: -22.156+/-0.009 χ^2/NDF : 215653.2/19

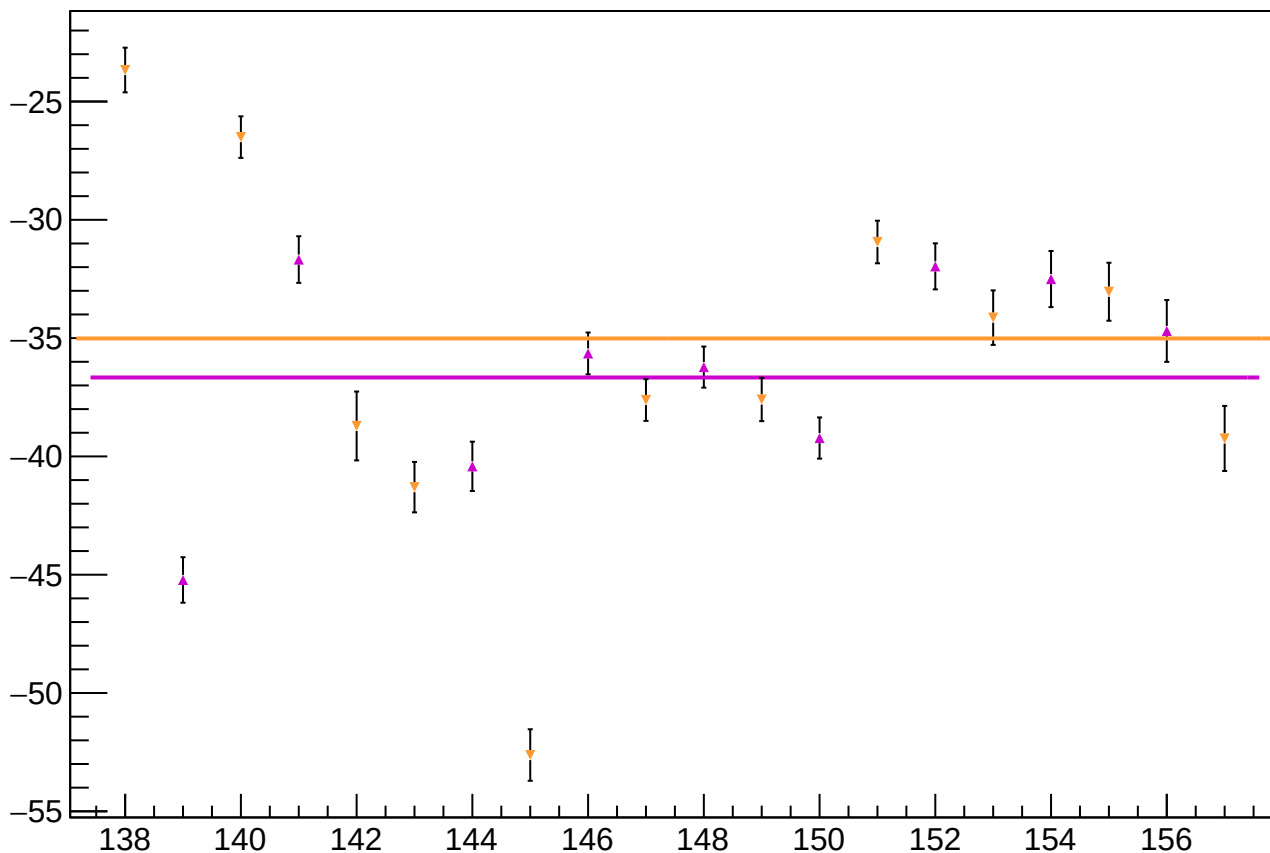
Right: -20.381+/-0.011 χ^2/NDF : 121077.9/32

In: -21.093+/-0.010 χ^2/NDF :129043.9/24

Out: -21.774+/-0.010 χ^2/NDF :220583.0/27

All: -21.430+/-0.007 χ^2/NDF : 351940.0/52

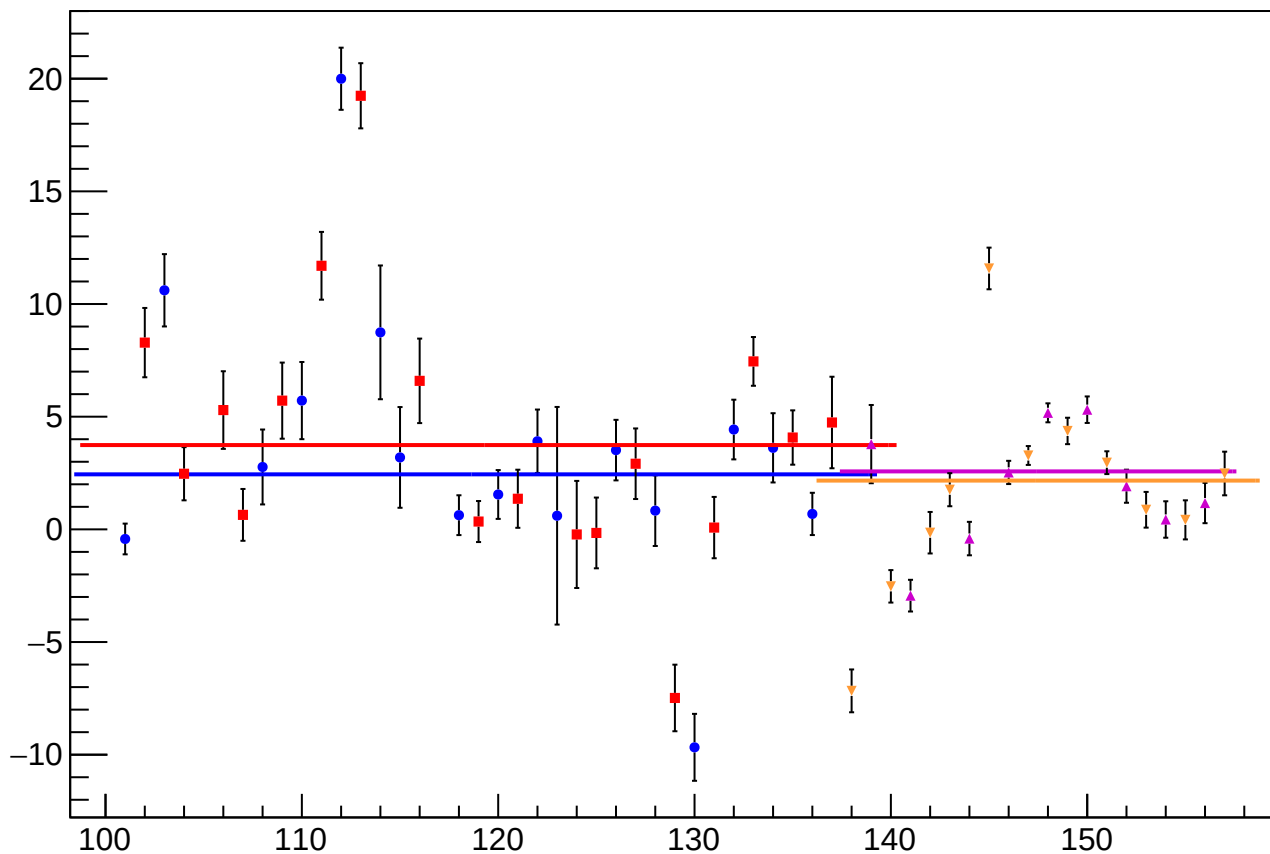
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.663+/-0.328 χ^2/NDF :165.8/8

Left: -35.798+/-0.226 χ^2/NDF : 769.6/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.663+/-0.328 χ^2/NDF :165.8/8
 Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 All: -35.798+/-0.226 χ^2/NDF : 769.6/19

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: 2.164 ± 0.205 χ^2/NDF : 279.6/10

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 2.572 ± 0.218 χ^2/NDF : 148.1/8

Left: 2.356 ± 0.149 χ^2/NDF : 429.6/19

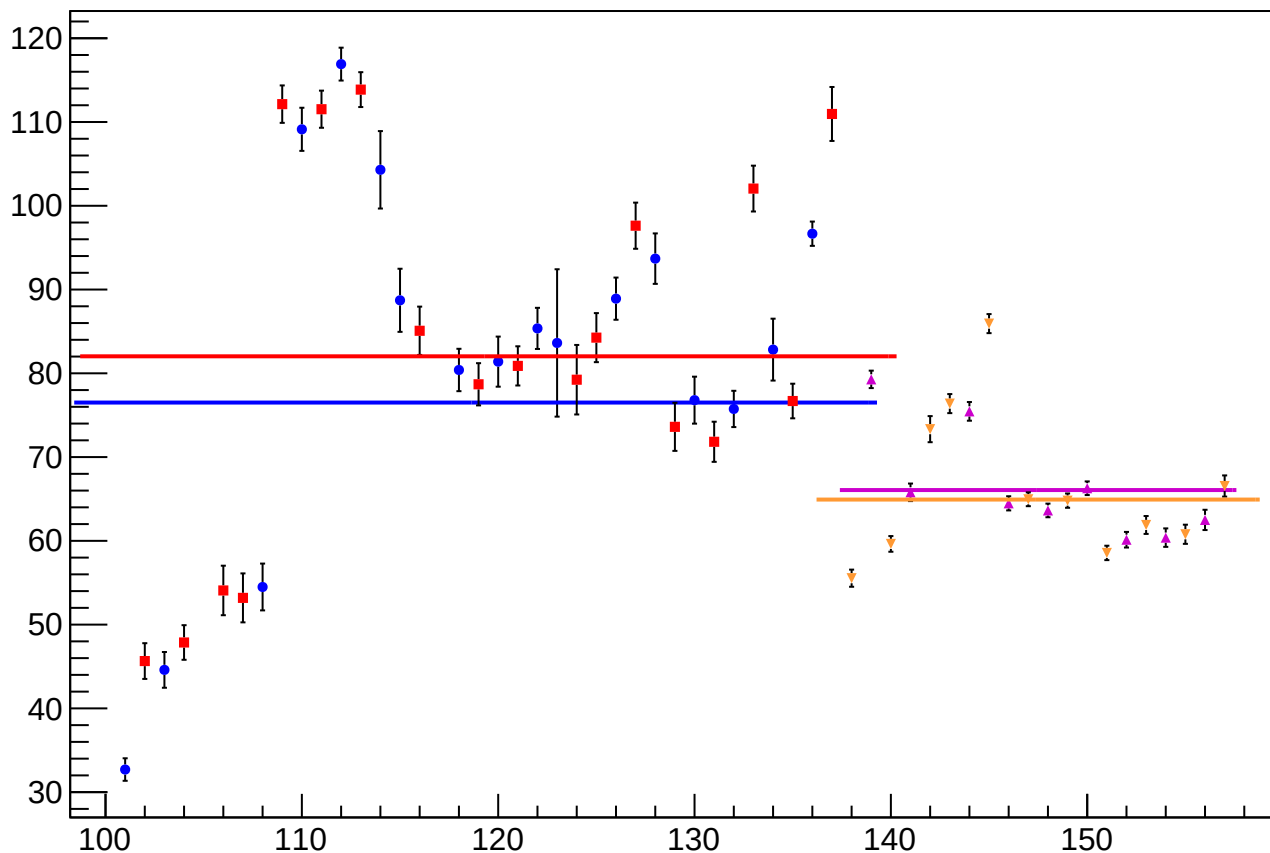
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 2.529 ± 0.178 χ^2/NDF : 442.9/25

Out: 2.610 ± 0.174 χ^2/NDF : 564.5/28

All: 2.571 ± 0.124 χ^2/NDF : 1007.5/54

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 ± 0.574 $\chi^2/\text{NDF}: 2250.9/16$

Left Out: 64.928 ± 0.308 $\chi^2/\text{NDF}: 665.5/10$

Right Out: 82.029 ± 0.593 $\chi^2/\text{NDF}: 1548.0/17$

Left In: 66.064 ± 0.321 $\chi^2/\text{NDF}: 320.3/8$

Left: 65.473 ± 0.222 $\chi^2/\text{NDF}: 992.3/19$

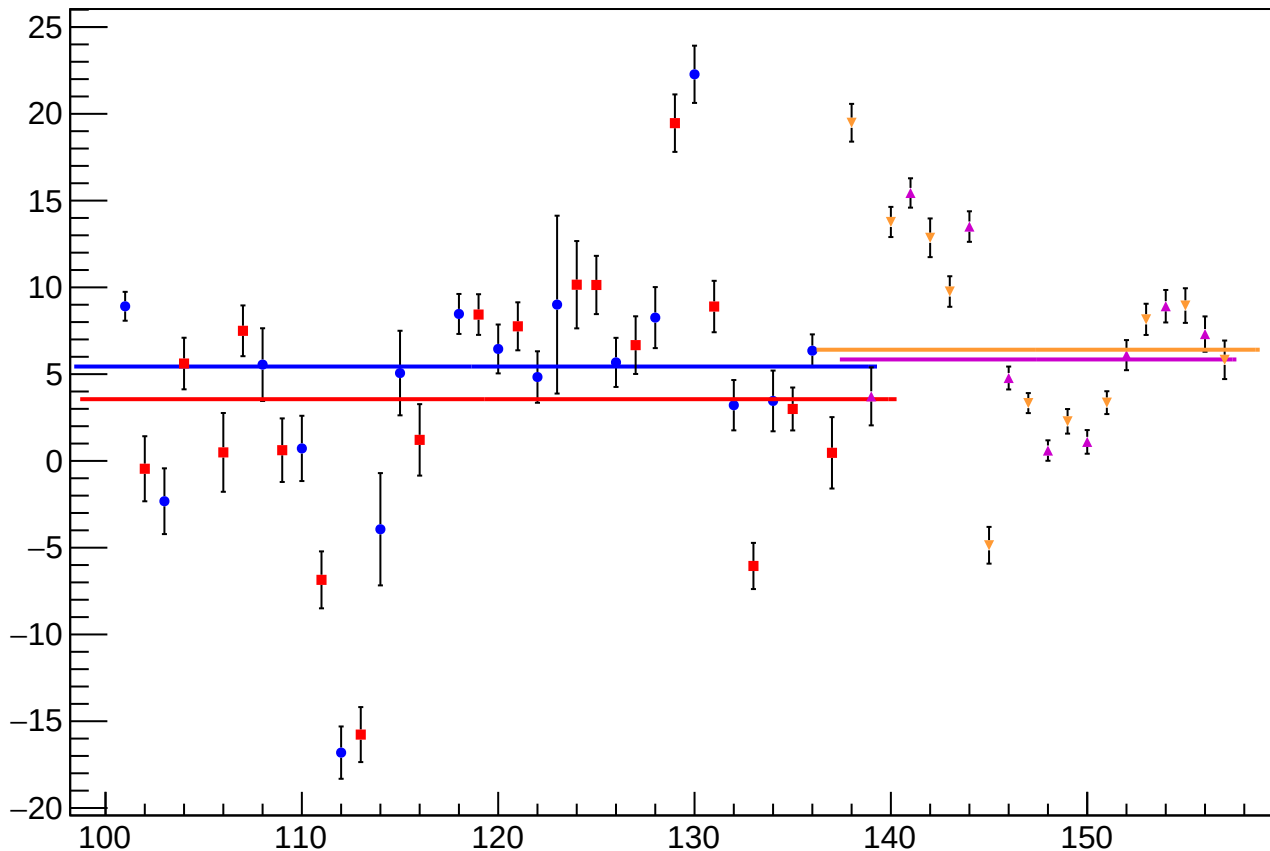
Right: 79.182 ± 0.412 $\chi^2/\text{NDF}: 3843.6/34$

In: 68.550 ± 0.280 $\chi^2/\text{NDF}: 2823.4/25$

Out: 68.572 ± 0.274 $\chi^2/\text{NDF}: 2868.8/28$

All: 68.561 ± 0.196 $\chi^2/\text{NDF}: 5692.1/54$

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 6.408 ± 0.254 χ^2/NDF : 472.0/10

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 5.846 ± 0.269 χ^2/NDF : 349.3/8

Left: 6.143 ± 0.185 χ^2/NDF : 823.6/19

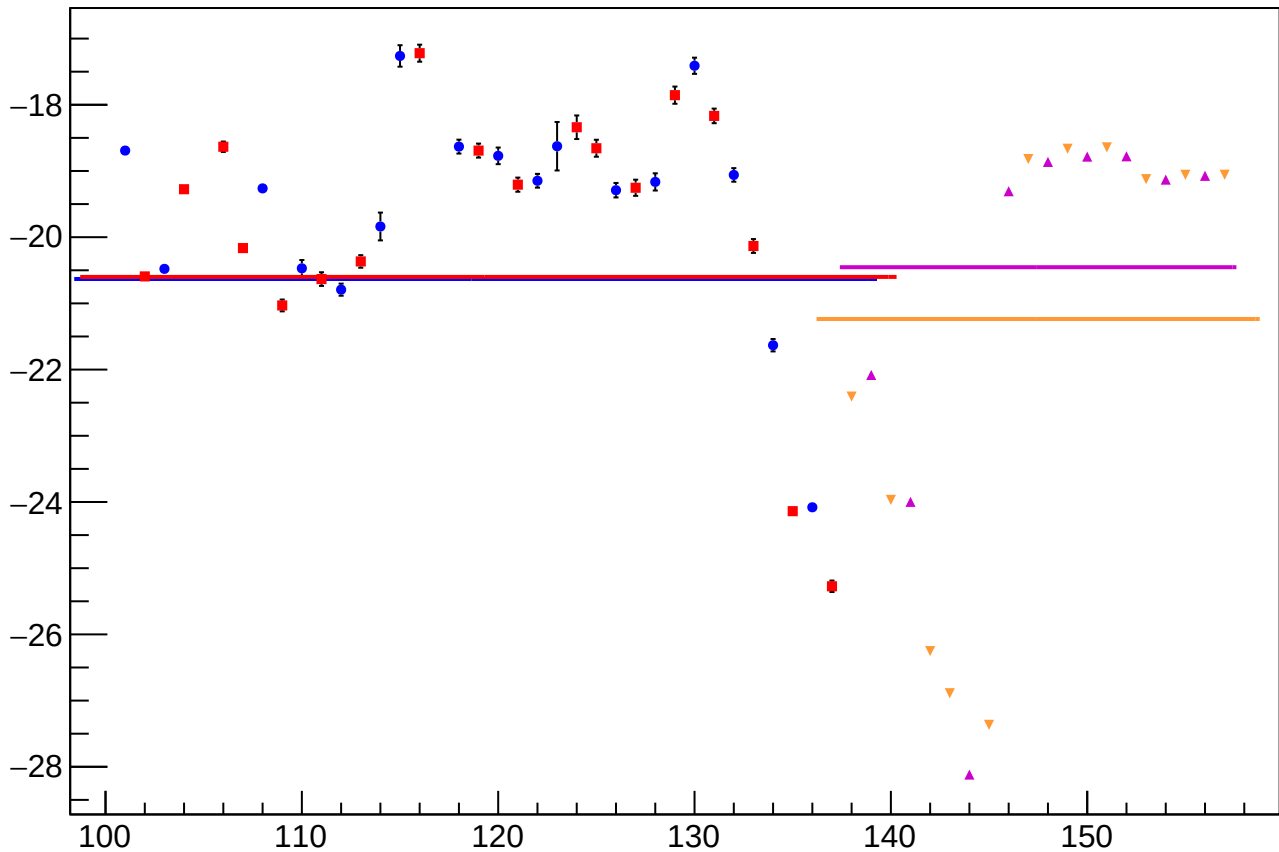
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 5.699 ± 0.215 χ^2/NDF : 736.3/25

Out: 5.513 ± 0.210 χ^2/NDF : 932.2/28

All: 5.604 ± 0.150 χ^2/NDF : 1668.9/54

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -21.235 $\pm$ 0.012 χ^2 /NDF: 67783.8/10

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -20.454 $\pm$ 0.013 χ^2 /NDF: 43299.0/8

Left: -20.856 $\pm$ 0.009 χ^2 /NDF: 112985.1/19

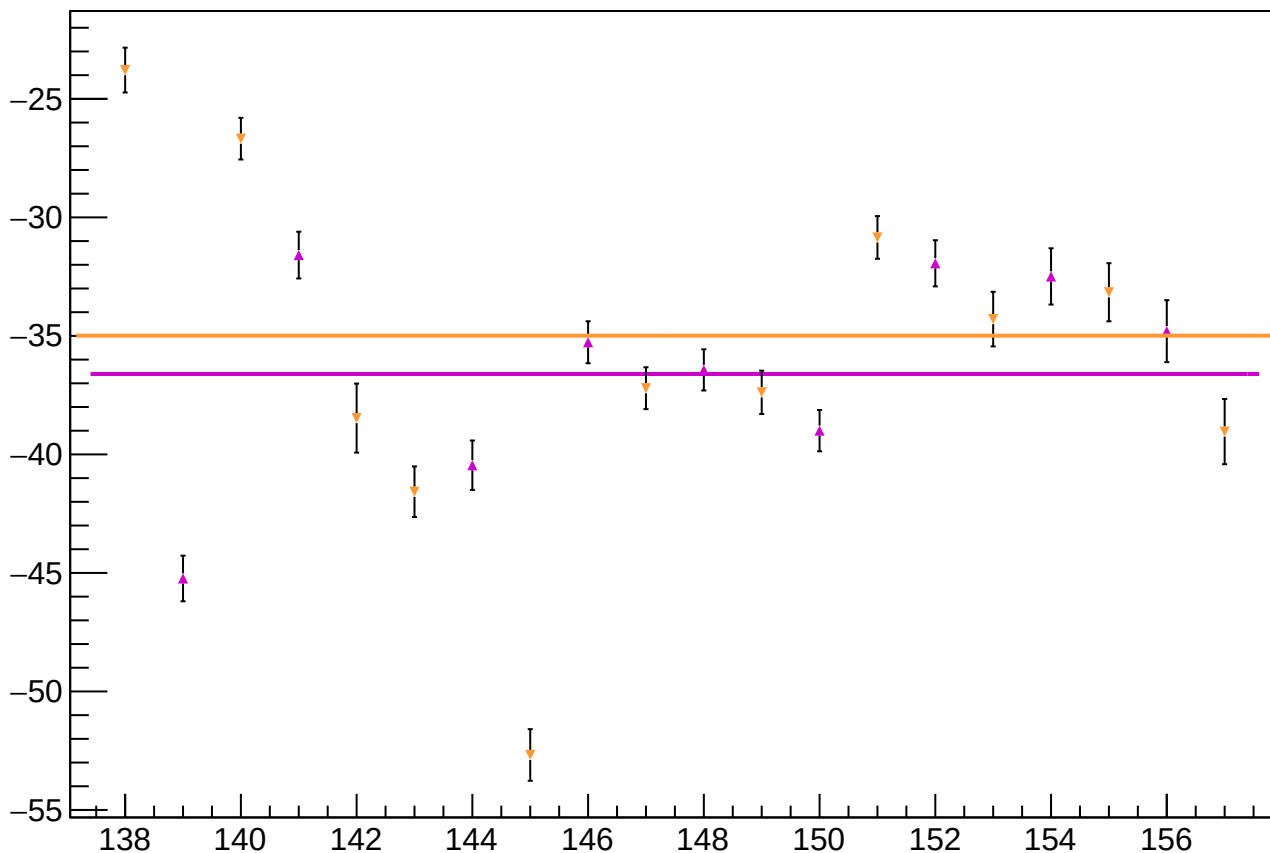
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.508 $\pm$ 0.011 χ^2 /NDF: 55859.4/25

Out: -21.050 $\pm$ 0.011 χ^2 /NDF: 80512.8/28

All: -20.784 $\pm$ 0.007 χ^2 /NDF: 137677.3/54

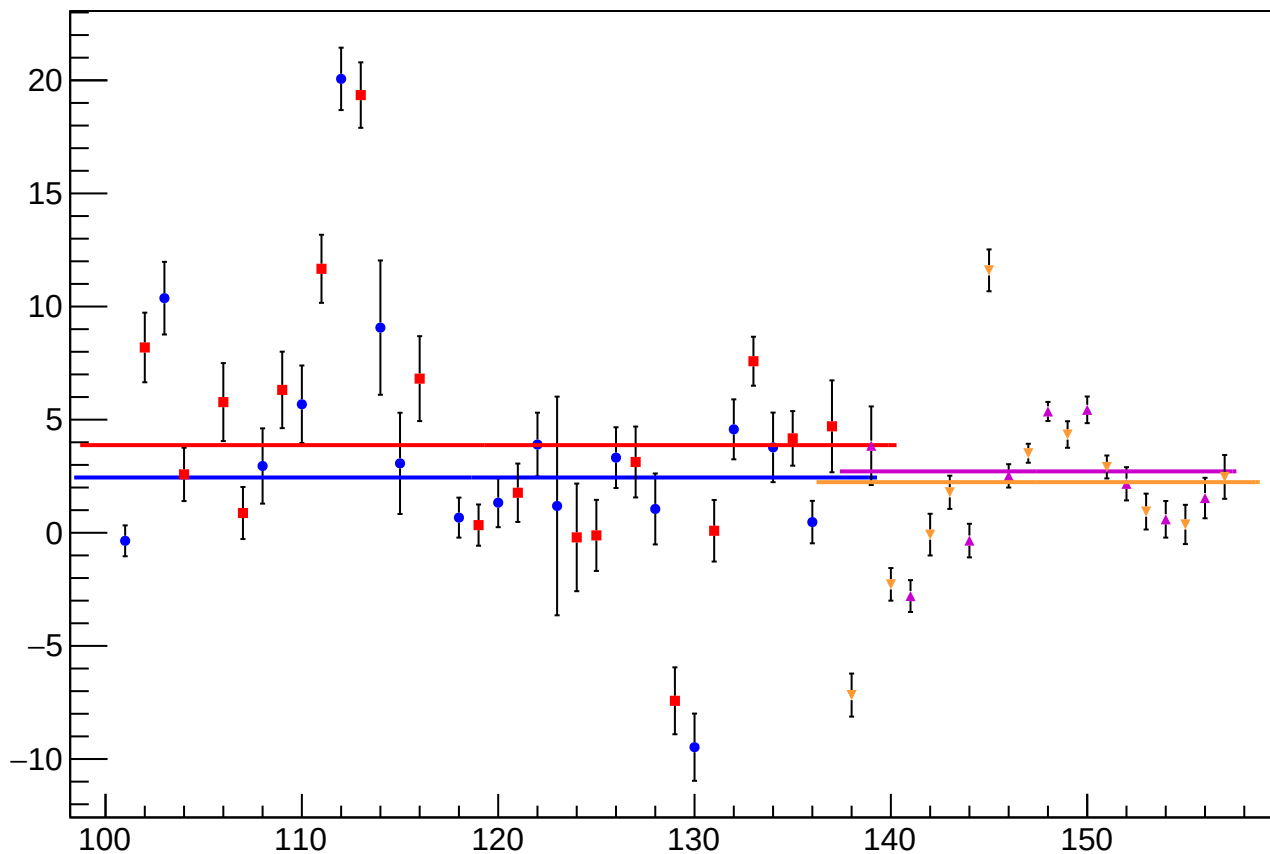
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.607+/-0.328 χ^2/NDF :166.6/8

Left: -35.758+/-0.226 χ^2/NDF : 762.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.607+/-0.328 χ^2/NDF :166.6/8
 Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 All: -35.758+/-0.226 χ^2/NDF : 762.2/19

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 2.238 ± 0.205 χ^2/NDF : 277.7/10

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 2.714 ± 0.218 χ^2/NDF : 148.9/8

Left: 2.462 ± 0.149 χ^2/NDF : 429.2/19

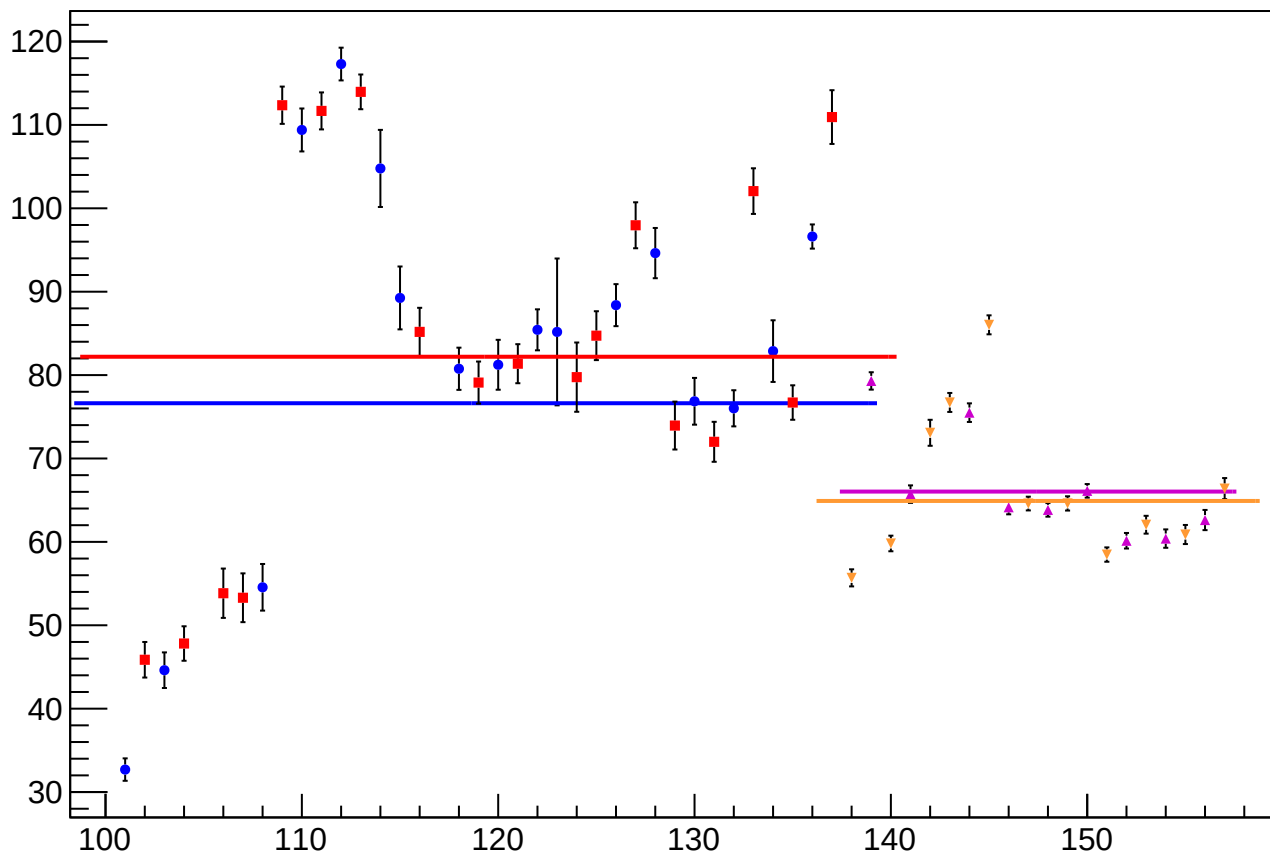
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.626 ± 0.179 χ^2/NDF : 442.1/25

Out: 2.701 ± 0.174 χ^2/NDF : 564.0/28

All: 2.664 ± 0.125 χ^2/NDF : 1006.2/54

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.908 $\pm$ 0.309 χ^2 /NDF: 667.3/10

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 66.032 $\pm$ 0.321 χ^2 /NDF: 320.5/8

Left: 65.448 $\pm$ 0.223 χ^2 /NDF: 994.2/19

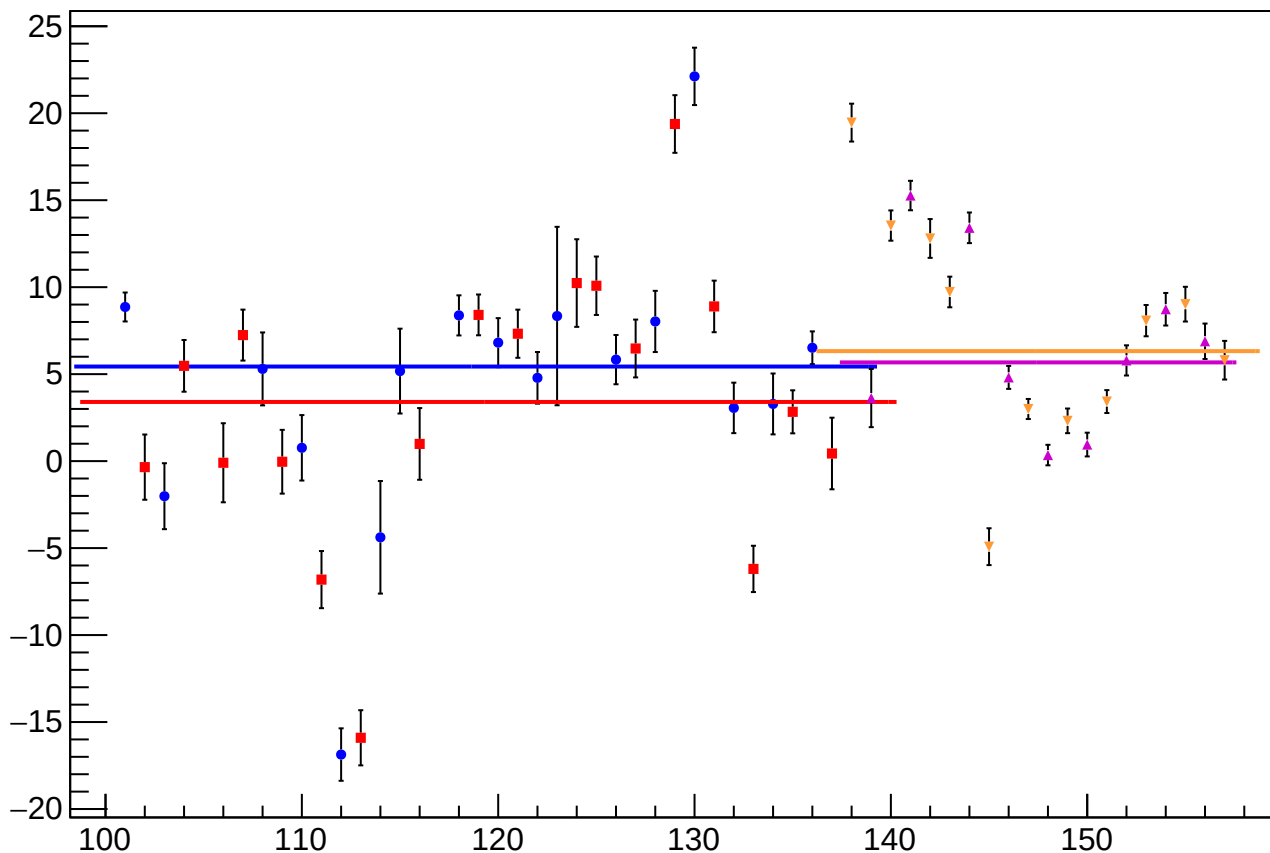
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 68.555 $\pm$ 0.280 χ^2 /NDF: 2842.4/25

Out: 68.593 $\pm$ 0.274 χ^2 /NDF: 2886.9/28

All: 68.574 $\pm$ 0.196 χ^2 /NDF: 5729.3/54

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.323 ± 0.254 $\chi^2/\text{NDF}: 471.8/10$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 5.675 ± 0.269 $\chi^2/\text{NDF}: 350.5/8$

Left: 6.018 ± 0.185 $\chi^2/\text{NDF}: 825.3/19$

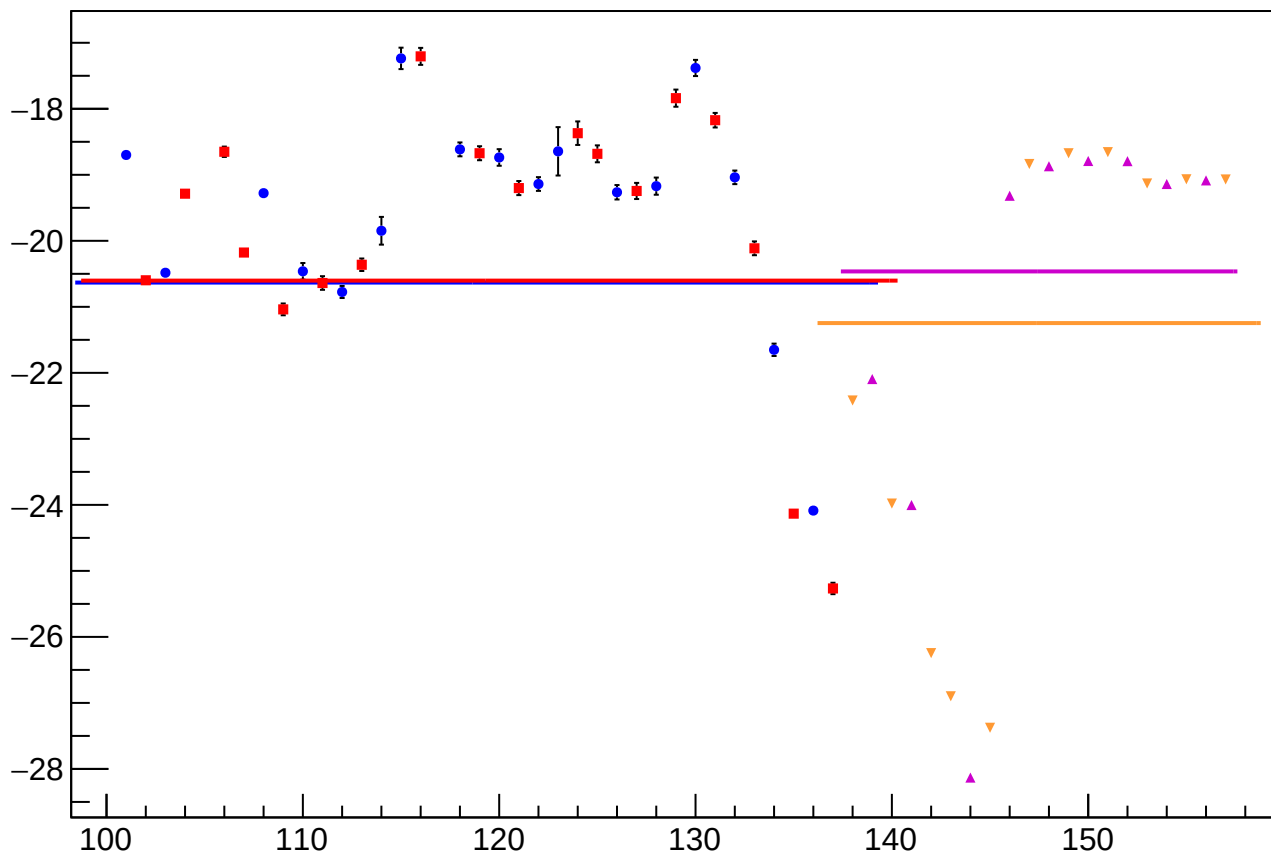
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 5.589 ± 0.215 $\chi^2/\text{NDF}: 735.3/25$

Out: 5.405 ± 0.210 $\chi^2/\text{NDF}: 934.2/28$

All: 5.495 ± 0.150 $\chi^2/\text{NDF}: 1669.8/54$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -21.246 ± 0.012 $\chi^2/\text{NDF}: 67636.2/10$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -20.464 ± 0.013 $\chi^2/\text{NDF}: 43250.4/8$

Left: -20.867 ± 0.009 $\chi^2/\text{NDF}: 112789.1/19$

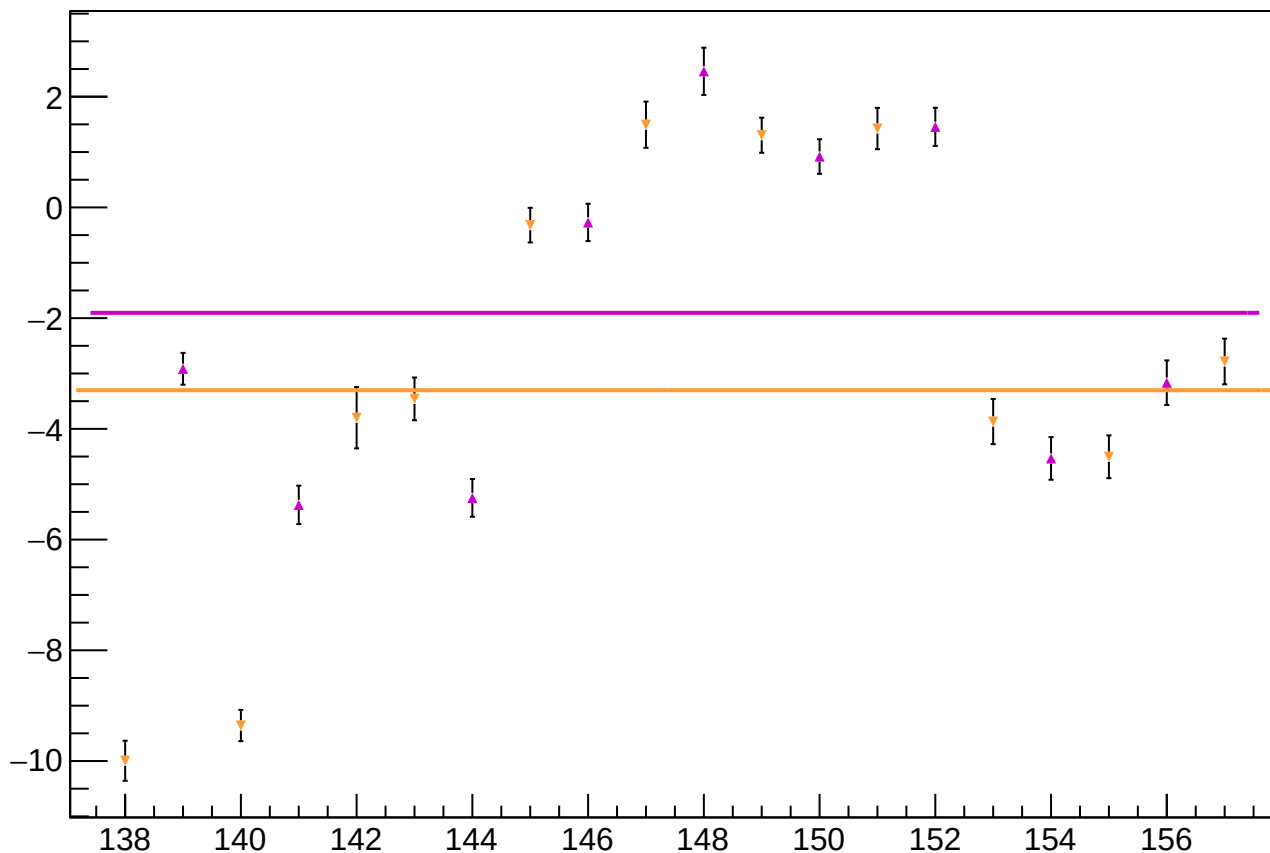
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.516 ± 0.011 $\chi^2/\text{NDF}: 55846.4/25$

Out: -21.058 ± 0.011 $\chi^2/\text{NDF}: 80335.2/28$

All: -20.792 ± 0.008 $\chi^2/\text{NDF}: 137490.2/54$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -3.302 $\pm$ 0.111 χ^2 /NDF:1409.5/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1.904 $\pm$ 0.116 χ^2 /NDF:569.7/8

Left: -2.634 $\pm$ 0.080 χ^2 /NDF: 2055.6/19

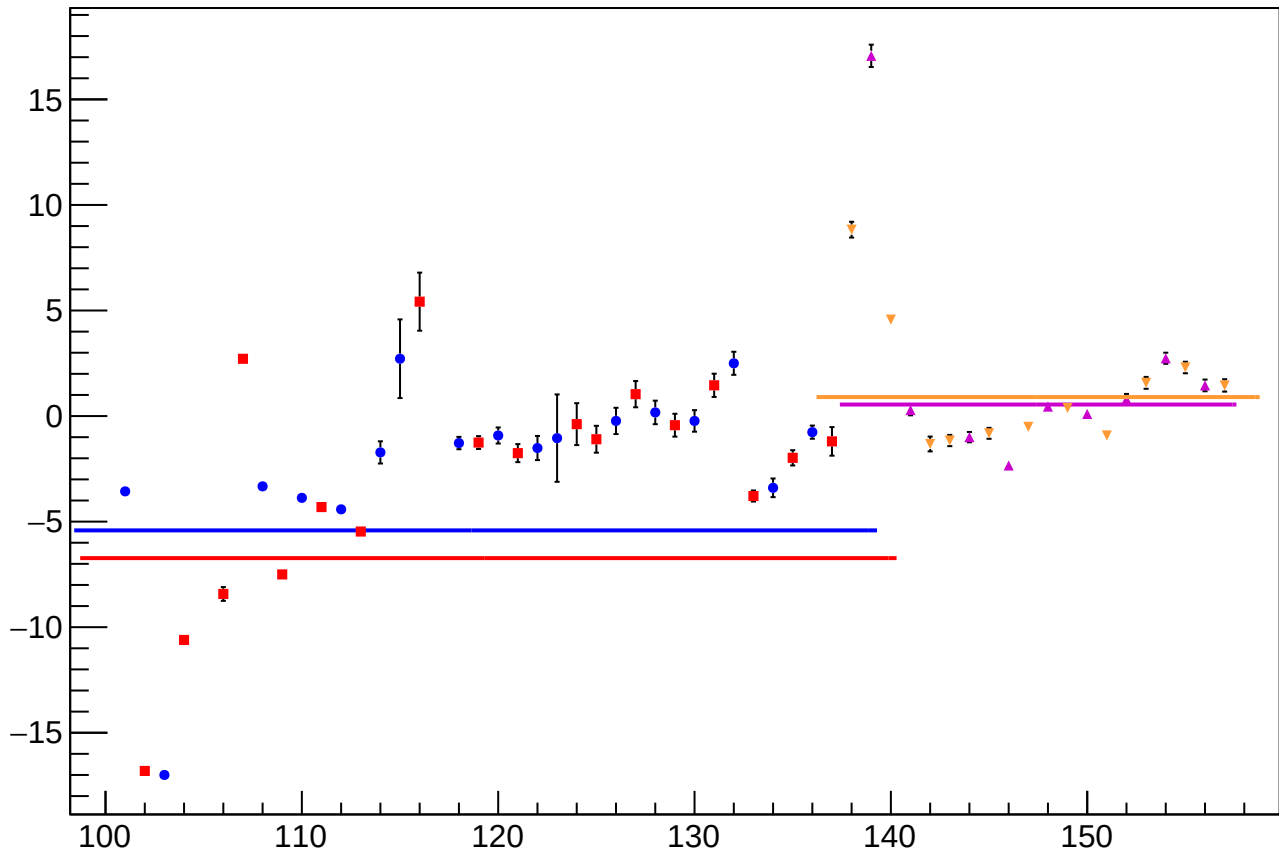
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.904 $\pm$ 0.116 χ^2 /NDF:569.7/8

Out: -3.302 $\pm$ 0.111 χ^2 /NDF:1409.5/10

All: -2.634 $\pm$ 0.080 χ^2 /NDF: 2055.6/19

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.900 ± 0.077 χ^2/NDF : 993.6/10

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.546 ± 0.083 χ^2/NDF : 1284.2/8

Left: 0.736 ± 0.056 χ^2/NDF : 2287.5/19

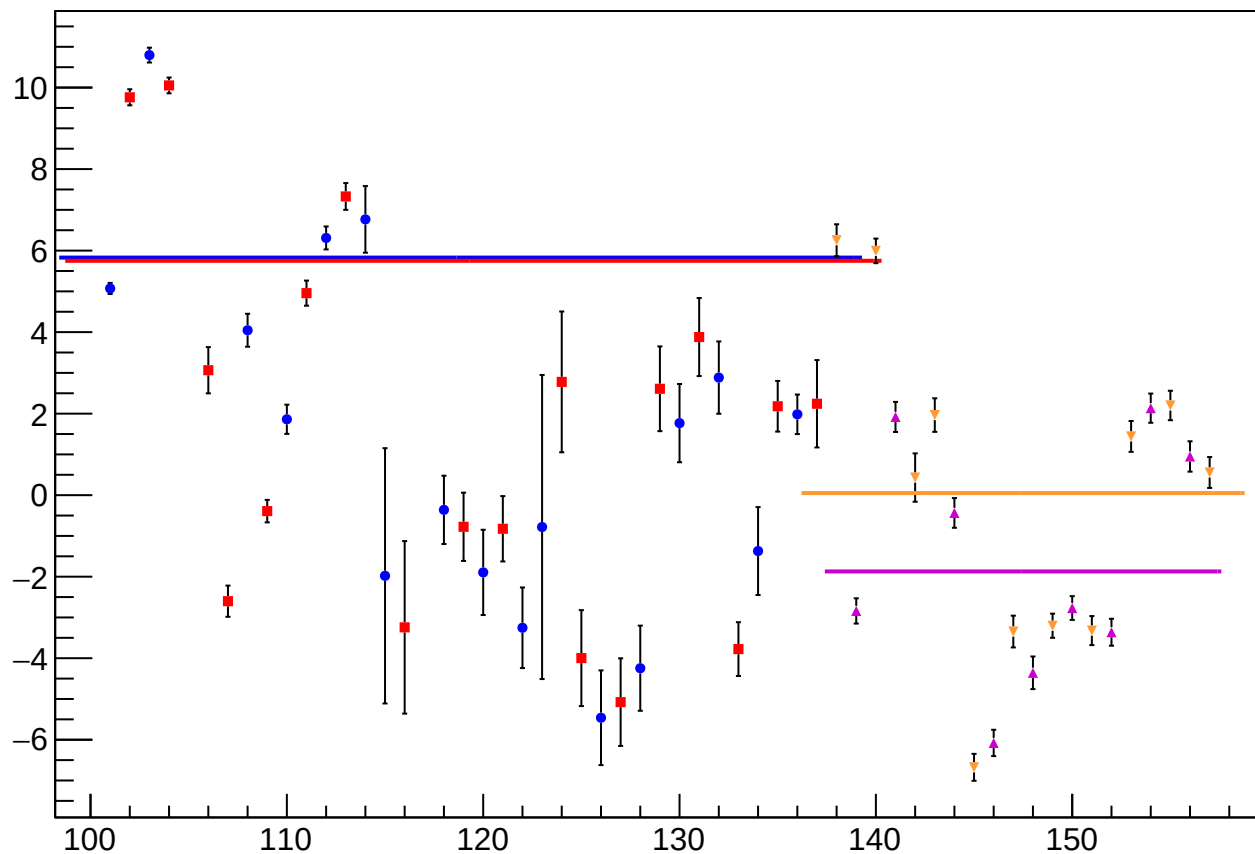
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.606 ± 0.046 χ^2/NDF : 14135.8/25

Out: -3.857 ± 0.047 χ^2/NDF : 18332.9/28

All: -3.728 ± 0.033 χ^2/NDF : 32483.2/54

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.052 ± 0.110 $\chi^2/\text{NDF}: 1411.9/10$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -1.871 ± 0.114 $\chi^2/\text{NDF}: 551.4/8$

Left: -0.874 ± 0.079 $\chi^2/\text{NDF}: 2110.9/19$

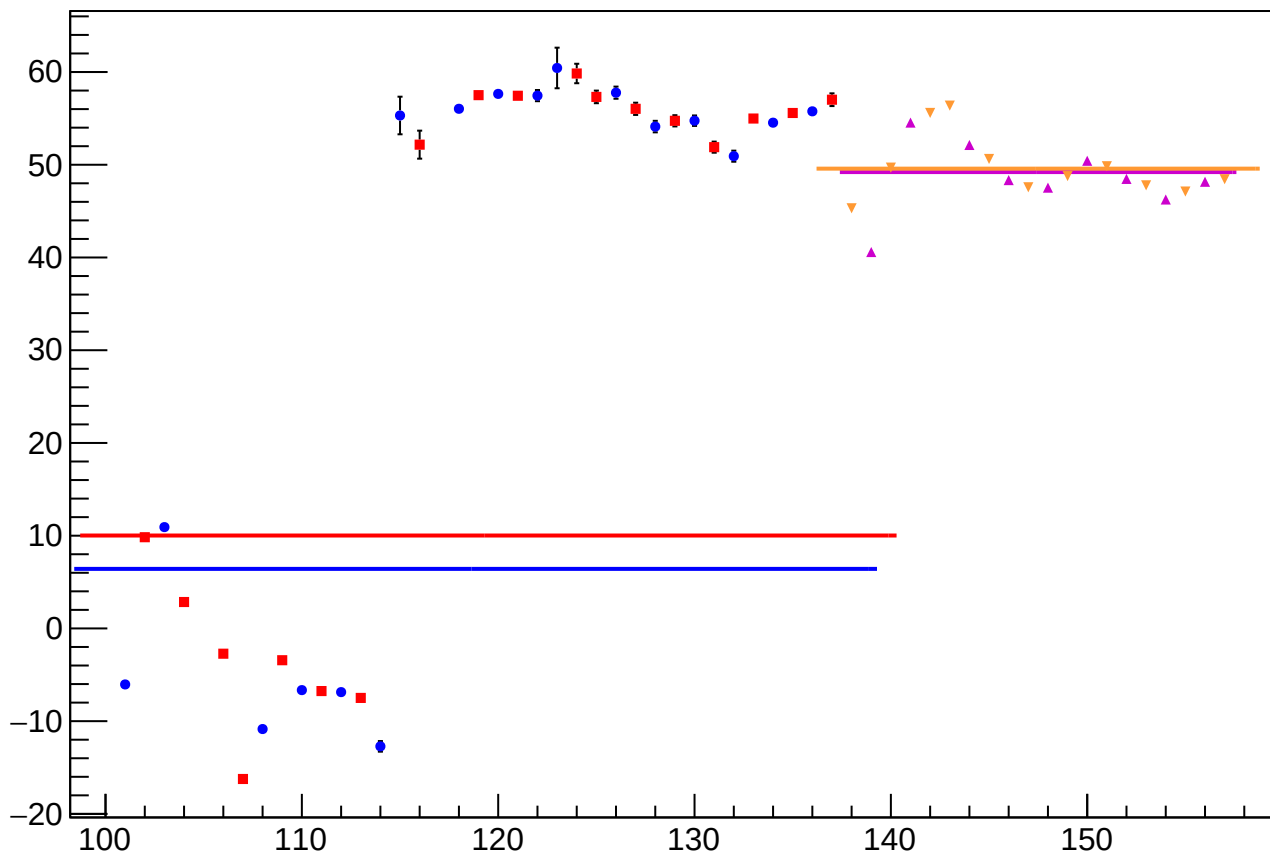
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 2.887 ± 0.070 $\chi^2/\text{NDF}: 4820.3/25$

Out: 3.277 ± 0.072 $\chi^2/\text{NDF}: 5445.1/28$

All: 3.076 ± 0.050 $\chi^2/\text{NDF}: 10280.3/54$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 49.580+/-0.093 χ^2/NDF : 936.2/10

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.210+/-0.099 χ^2/NDF : 887.2/8

Left: 49.408+/-0.068 χ^2/NDF : 1830.8/19

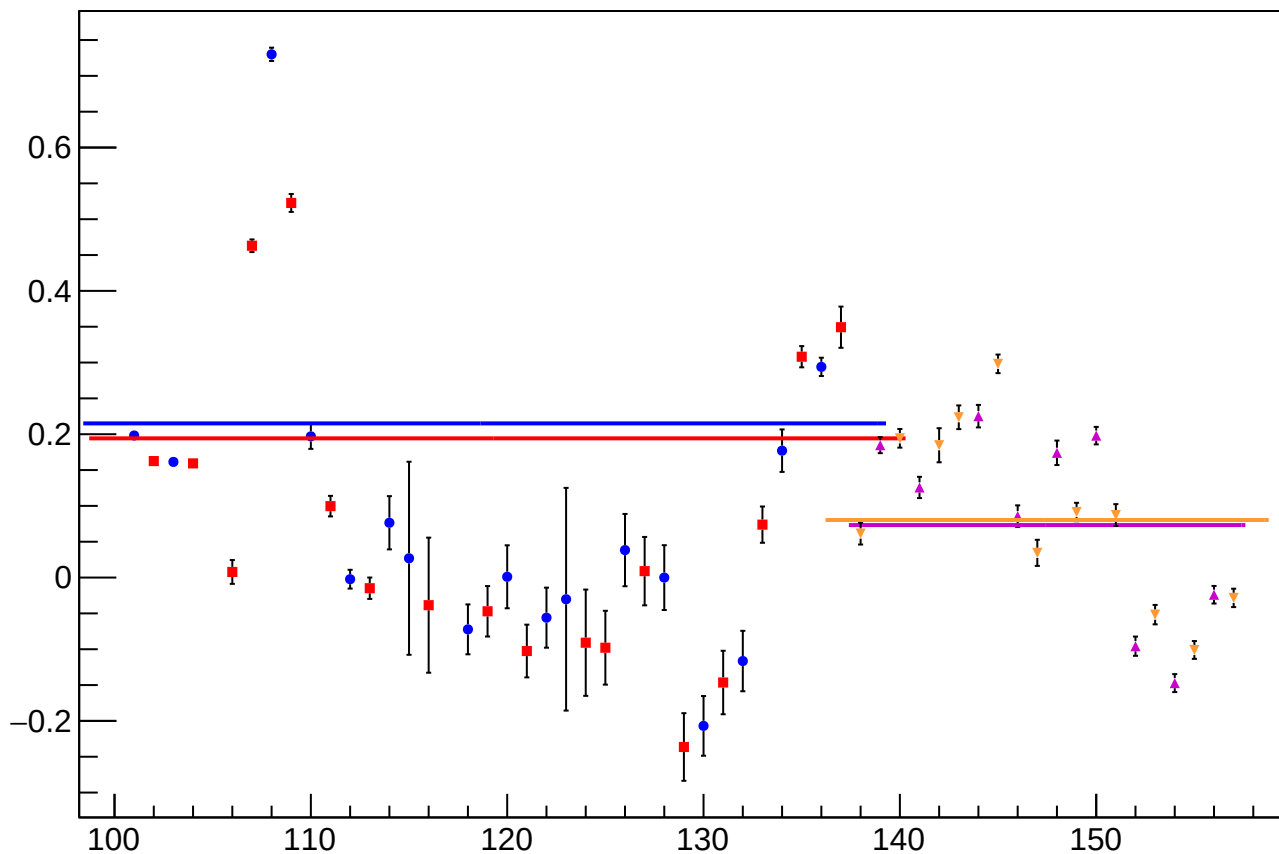
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 19.155+/-0.054 χ^2/NDF : 254028.2/25

Out: 24.514+/-0.056 χ^2/NDF : 237671.0/28

All: 21.735+/-0.039 χ^2/NDF : 496398.6/54

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.080 $\pm$ 0.004 χ^2 /NDF:842.3/10

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.073 $\pm$ 0.004 χ^2 /NDF:876.8/8

Left: 0.077 $\pm$ 0.003 χ^2 /NDF: 1720.3/19

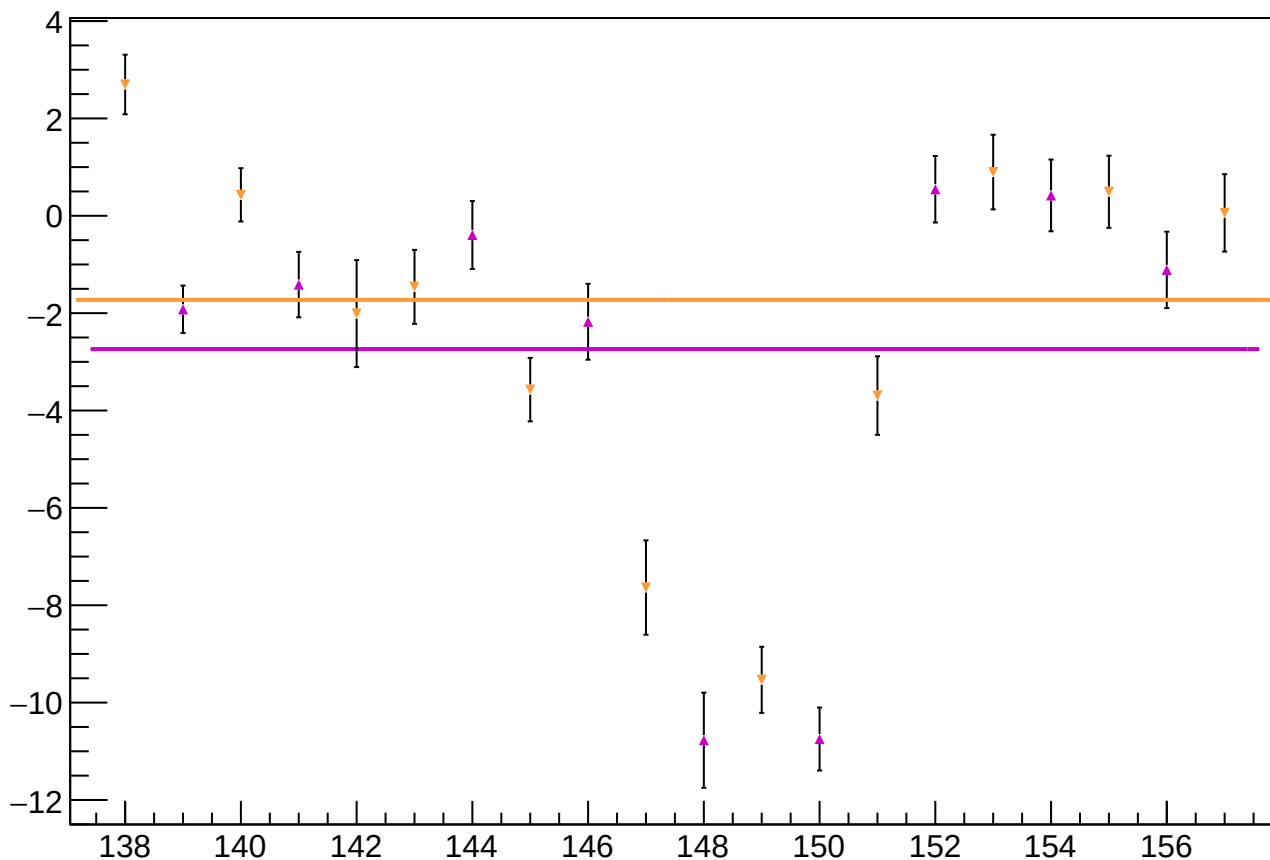
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.176 $\pm$ 0.002 χ^2 /NDF:5528.4/25

Out: 0.162 $\pm$ 0.002 χ^2 /NDF:3852.7/28

All: 0.169 $\pm$ 0.002 χ^2 /NDF: 9399.6/54

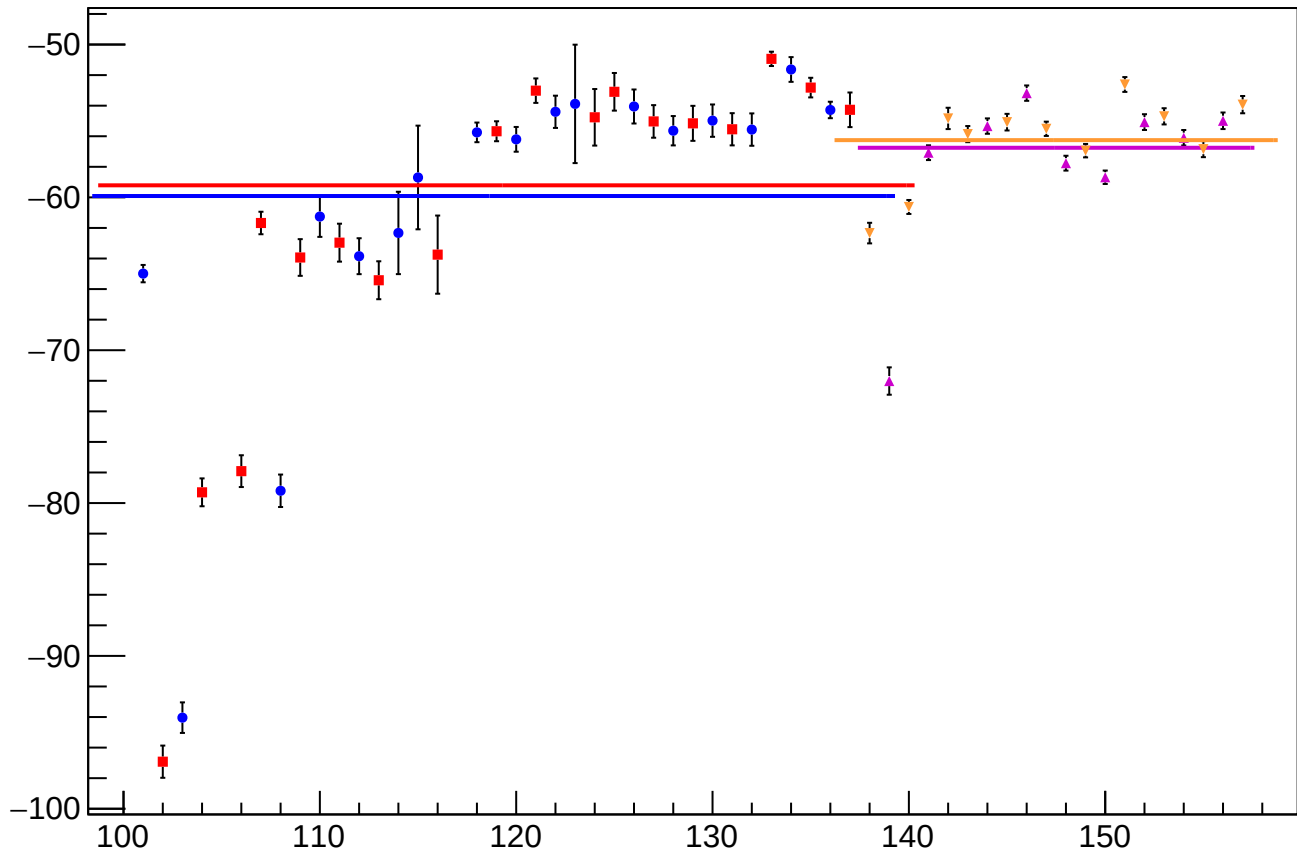
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.727+/-0.219 χ^2/NDF :276.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.737+/-0.228 χ^2/NDF :285.4/8

Left: -2.212+/-0.158 χ^2/NDF : 572.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.737+/-0.228 χ^2/NDF :285.4/8
 Out: -1.727+/-0.219 χ^2/NDF :276.9/10
 All: -2.212+/-0.158 χ^2/NDF : 572.5/19

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -56.255 ± 0.157 χ^2/NDF : 270.4/10

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -56.754 ± 0.172 χ^2/NDF : 396.2/8

Left: -56.483 ± 0.116 χ^2/NDF : 671.2/19

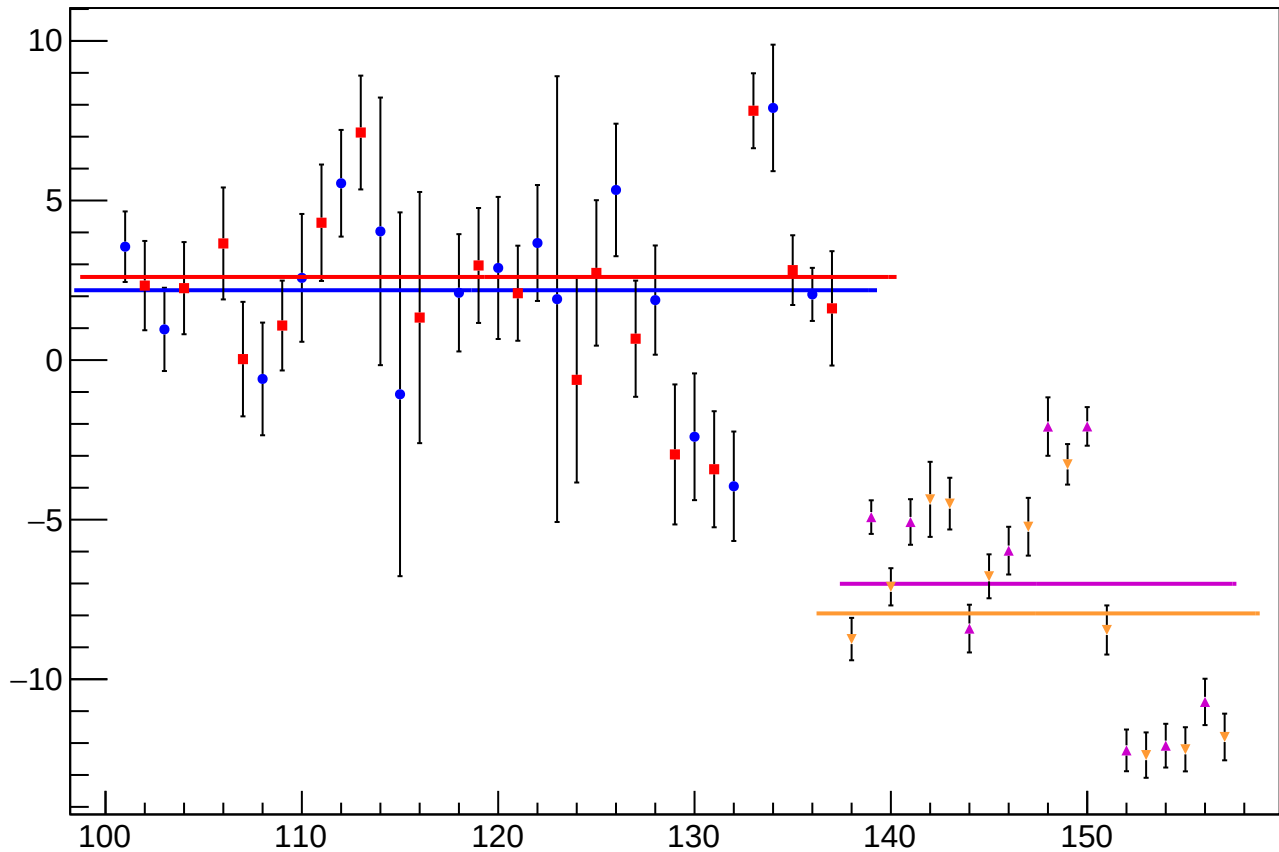
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -57.927 ± 0.136 χ^2/NDF : 2502.7/25

Out: -57.304 ± 0.126 χ^2/NDF : 3138.4/28

All: -57.593 ± 0.093 χ^2/NDF : 5652.3/54

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.938 ± 0.219 $\chi^2/\text{NDF}: 202.1/10$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -7.010 ± 0.227 $\chi^2/\text{NDF}: 268.5/8$

Left: -7.491 ± 0.157 $\chi^2/\text{NDF}: 479.3/19$

Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -4.810 ± 0.198 $\chi^2/\text{NDF}: 700.9/25$

Out: -5.422 ± 0.191 $\chi^2/\text{NDF}: 806.8/28$

All: -5.127 ± 0.137 $\chi^2/\text{NDF}: 1512.7/54$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.395 ± 0.188 $\chi^2/\text{NDF}: 378.5/10$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.150 ± 0.203 $\chi^2/\text{NDF}: 377.7/8$

Left: -34.820 ± 0.138 $\chi^2/\text{NDF}: 776.4/19$

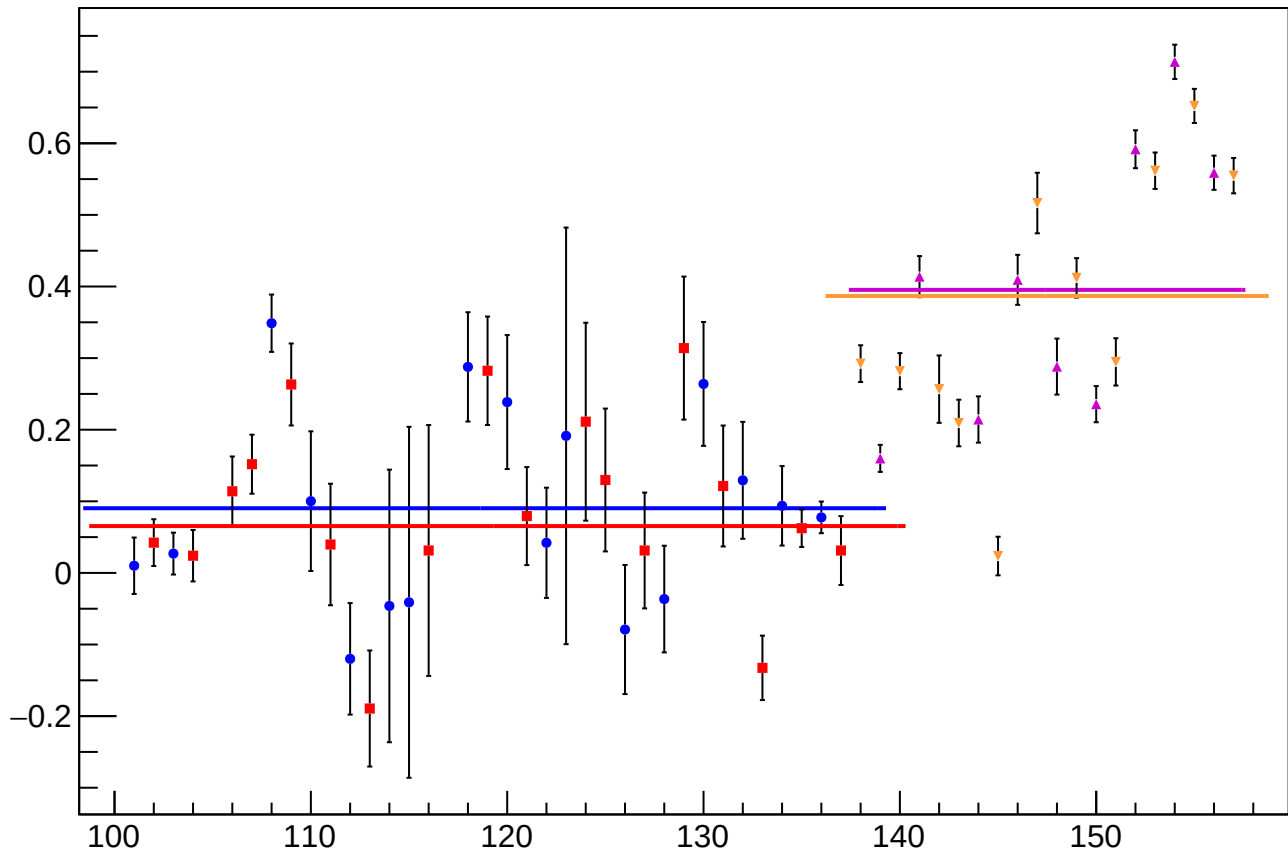
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.625 ± 0.159 $\chi^2/\text{NDF}: 5057.5/25$

Out: -34.446 ± 0.149 $\chi^2/\text{NDF}: 6196.8/28$

All: -34.061 ± 0.109 $\chi^2/\text{NDF}: 11268.5/54$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.387 ± 0.009 $\chi^2/\text{NDF}: 485.1/10$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.395 ± 0.009 $\chi^2/\text{NDF}: 512.9/8$

Left: 0.391 ± 0.006 $\chi^2/\text{NDF}: 998.5/19$

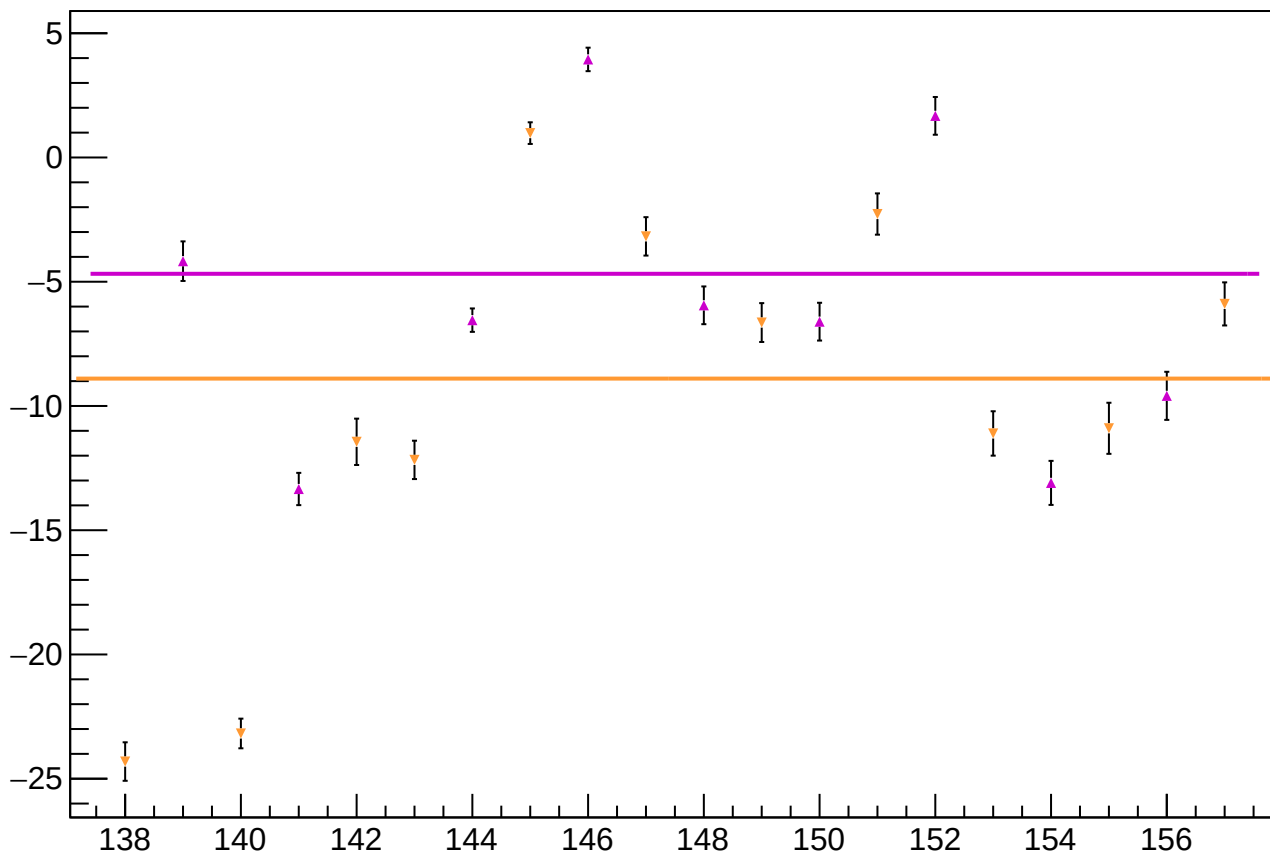
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.297 ± 0.007 $\chi^2/\text{NDF}: 981.0/25$

Out: 0.281 ± 0.007 $\chi^2/\text{NDF}: 1013.0/28$

All: 0.289 ± 0.005 $\chi^2/\text{NDF}: 1996.4/54$

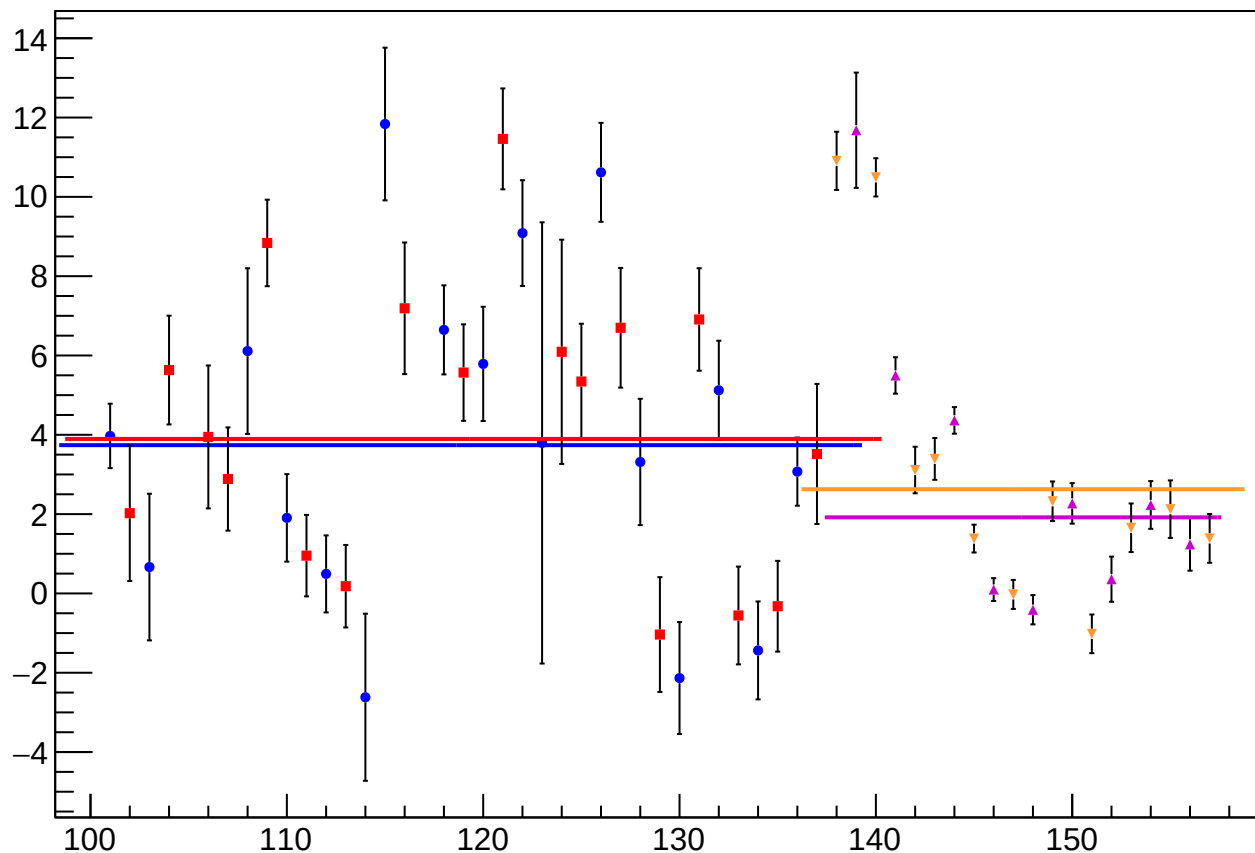
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.681+/-0.221 χ^2/NDF :722.5/8

Left: -6.809+/-0.156 χ^2/NDF : 2562.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.681+/-0.221 χ^2/NDF :722.5/8
 Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 All: -6.809+/-0.156 χ^2/NDF : 2562.2/19

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.628 $\pm$ 0.151 χ^2 /NDF: 524.0/10

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 1.918 $\pm$ 0.148 χ^2 /NDF: 248.4/8

Left: 2.266 $\pm$ 0.106 χ^2 /NDF: 783.6/19

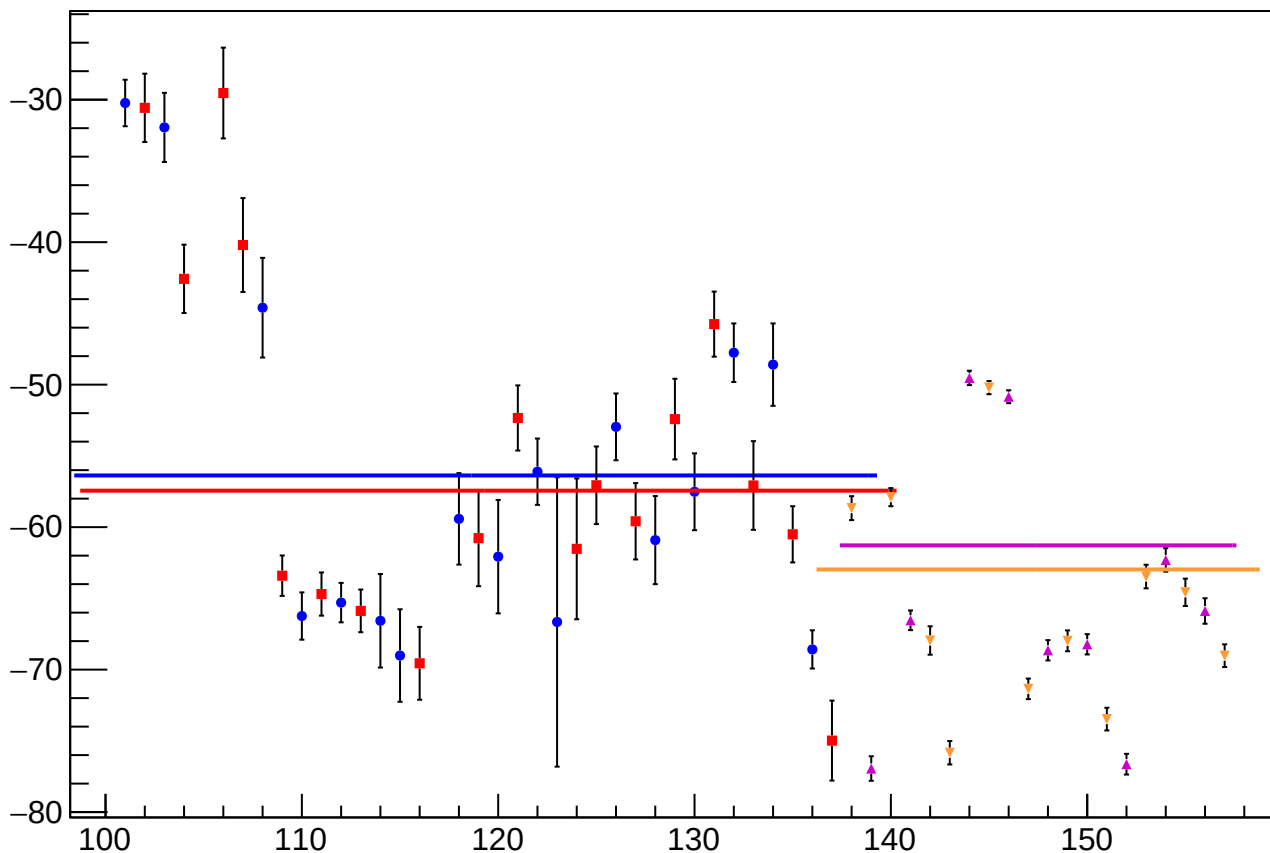
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.259 $\pm$ 0.134 χ^2 /NDF: 413.5/25

Out: 2.864 $\pm$ 0.136 χ^2 /NDF: 671.9/28

All: 2.555 $\pm$ 0.095 χ^2 /NDF: 1095.5/54

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -62.972 ± 0.221 χ^2/NDF : 1533.4/10

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -61.280 ± 0.219 χ^2/NDF : 2136.3/8

Left: -62.120 ± 0.156 χ^2/NDF : 3699.2/19

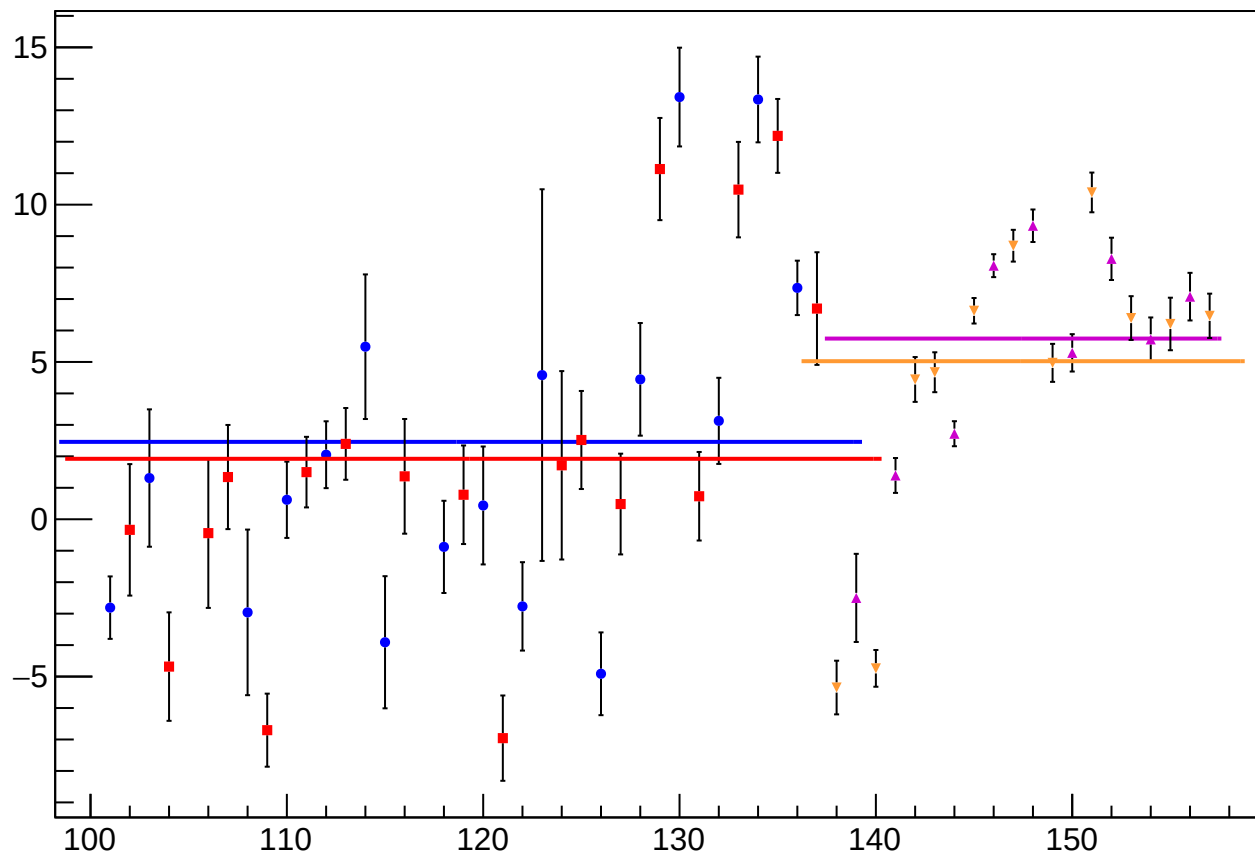
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -60.592 ± 0.203 χ^2/NDF : 2794.1/25

Out: -62.172 ± 0.204 χ^2/NDF : 2065.1/28

All: -61.378 ± 0.144 χ^2/NDF : 4889.3/54

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: 5.024 $\pm$ 0.184 χ^2 /NDF: 579.0/10

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 5.744 $\pm$ 0.182 χ^2 /NDF: 260.5/8

Left: 5.388 $\pm$ 0.129 χ^2 /NDF: 847.2/19

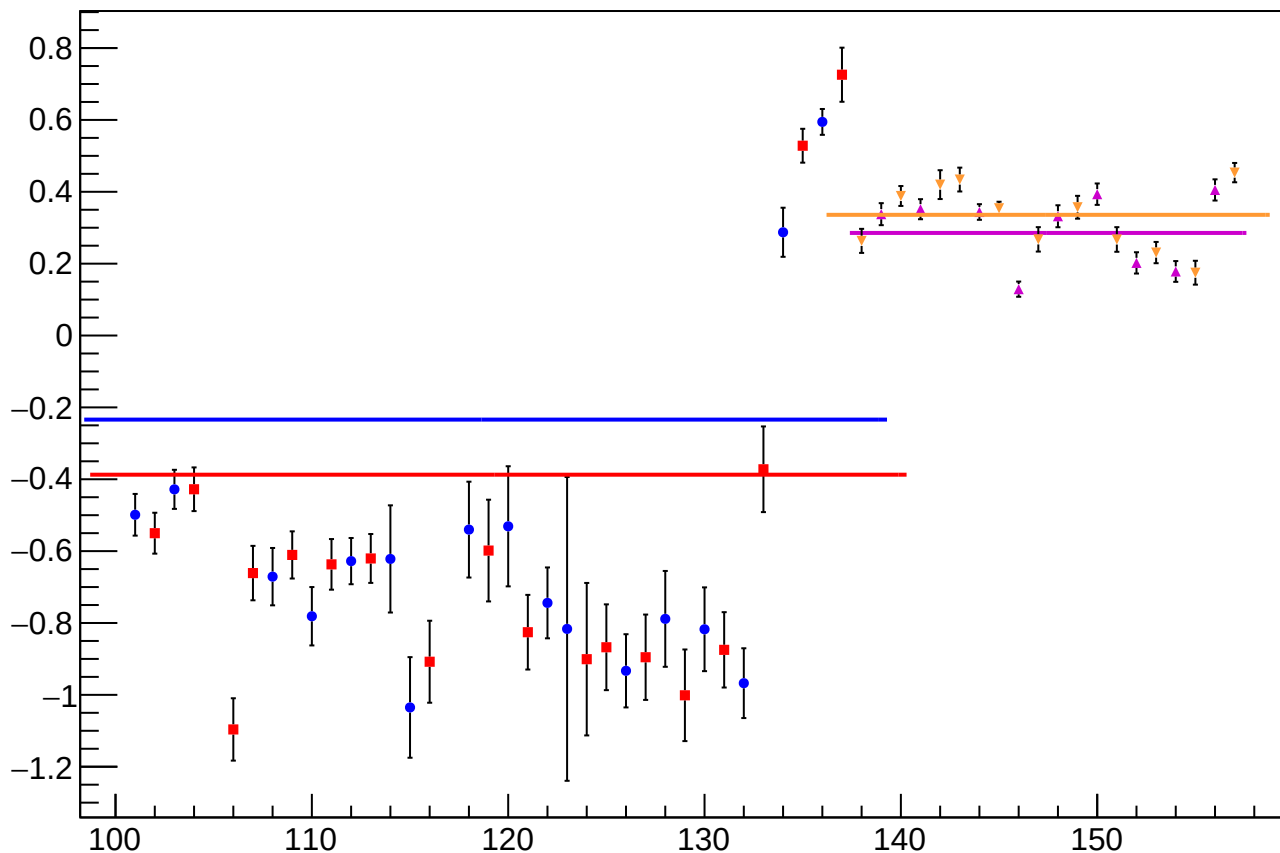
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 5.033 $\pm$ 0.161 χ^2 /NDF: 574.9/25

Out: 4.367 $\pm$ 0.163 χ^2 /NDF: 904.3/28

All: 4.705 $\pm$ 0.115 χ^2 /NDF: 1487.6/54

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.336 ± 0.009 χ^2/NDF : 86.1/10

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.285 ± 0.009 χ^2/NDF : 123.9/8

Left: 0.311 ± 0.006 χ^2/NDF : 226.0/19

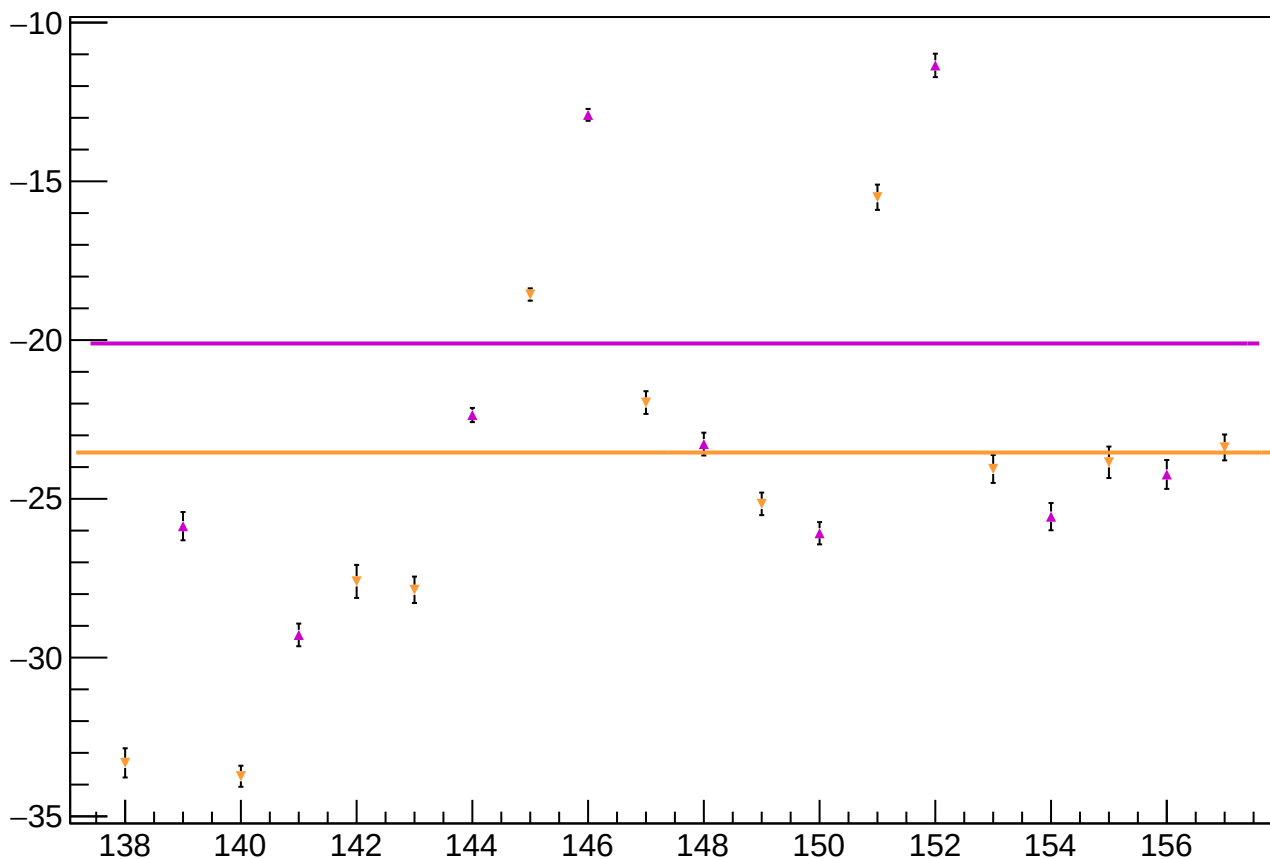
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.190 ± 0.008 χ^2/NDF : 1698.6/25

Out: 0.208 ± 0.008 χ^2/NDF : 2124.7/28

All: 0.199 ± 0.006 χ^2/NDF : 3825.9/54

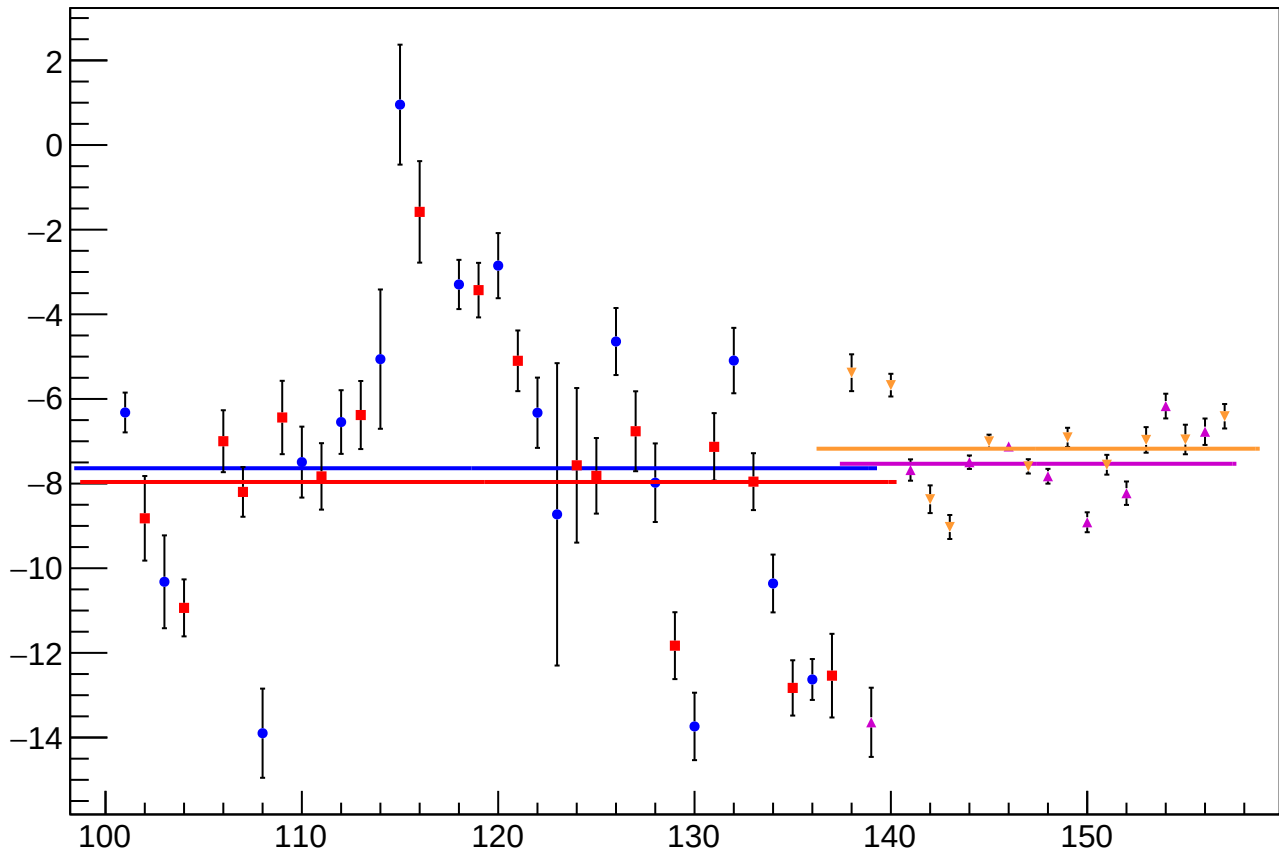
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.542+/-0.107 χ^2/NDF :2666.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.106+/-0.103 χ^2/NDF :3578.7/8

Left: -21.749+/-0.074 χ^2/NDF : 6781.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -20.106+/-0.103 χ^2/NDF :3578.7/8
 Out: -23.542+/-0.107 χ^2/NDF :2666.9/10
 All: -21.749+/-0.074 χ^2/NDF : 6781.1/19

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.176 ± 0.074 χ^2/NDF : 123.4/10

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.532 ± 0.068 χ^2/NDF : 139.8/8

Left: -7.368 ± 0.050 χ^2/NDF : 275.7/19

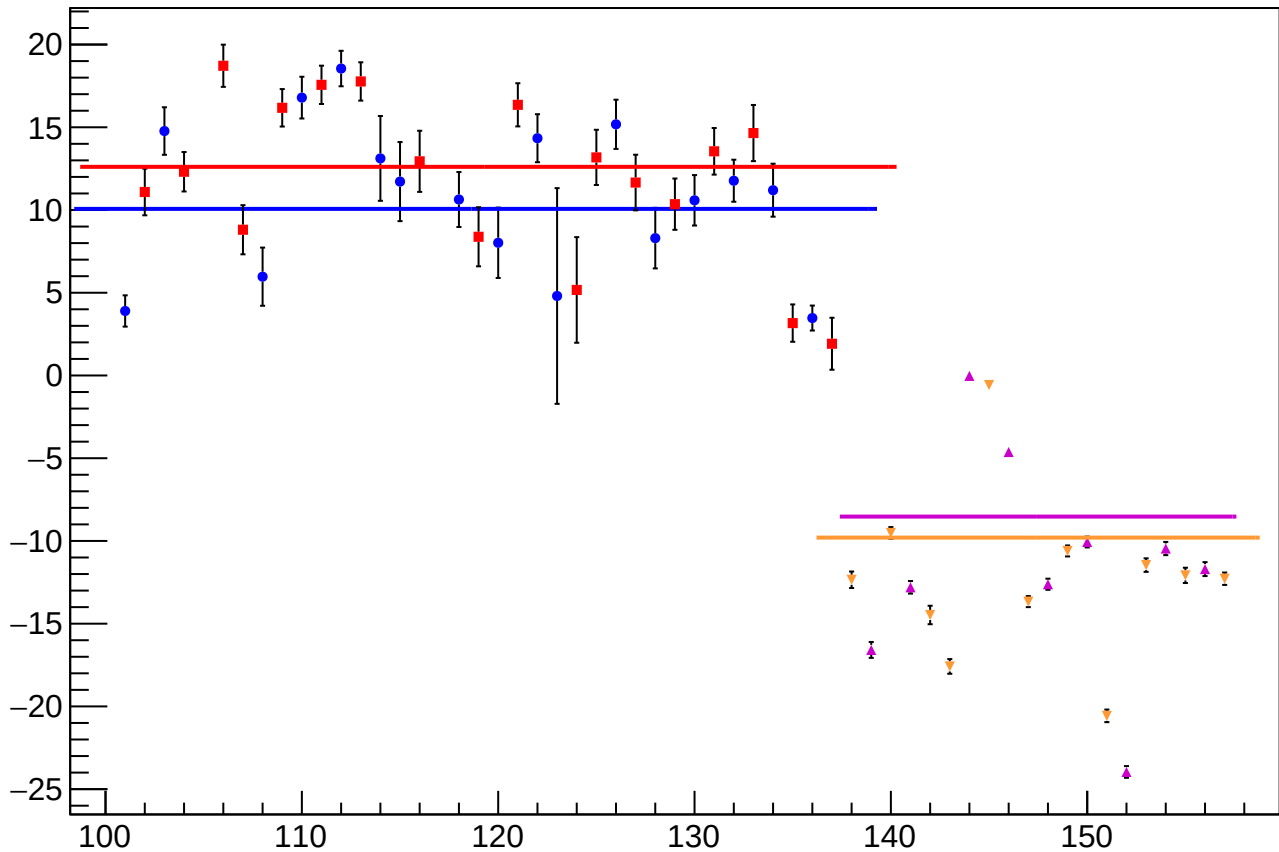
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.544 ± 0.064 χ^2/NDF : 534.0/25

Out: -7.283 ± 0.069 χ^2/NDF : 365.4/28

All: -7.422 ± 0.047 χ^2/NDF : 907.2/54

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.798 ± 0.107 $\chi^2/\text{NDF}: 3434.4/10$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -8.528 ± 0.101 $\chi^2/\text{NDF}: 4288.1/8$

Left: -9.125 ± 0.074 $\chi^2/\text{NDF}: 7796.5/19$

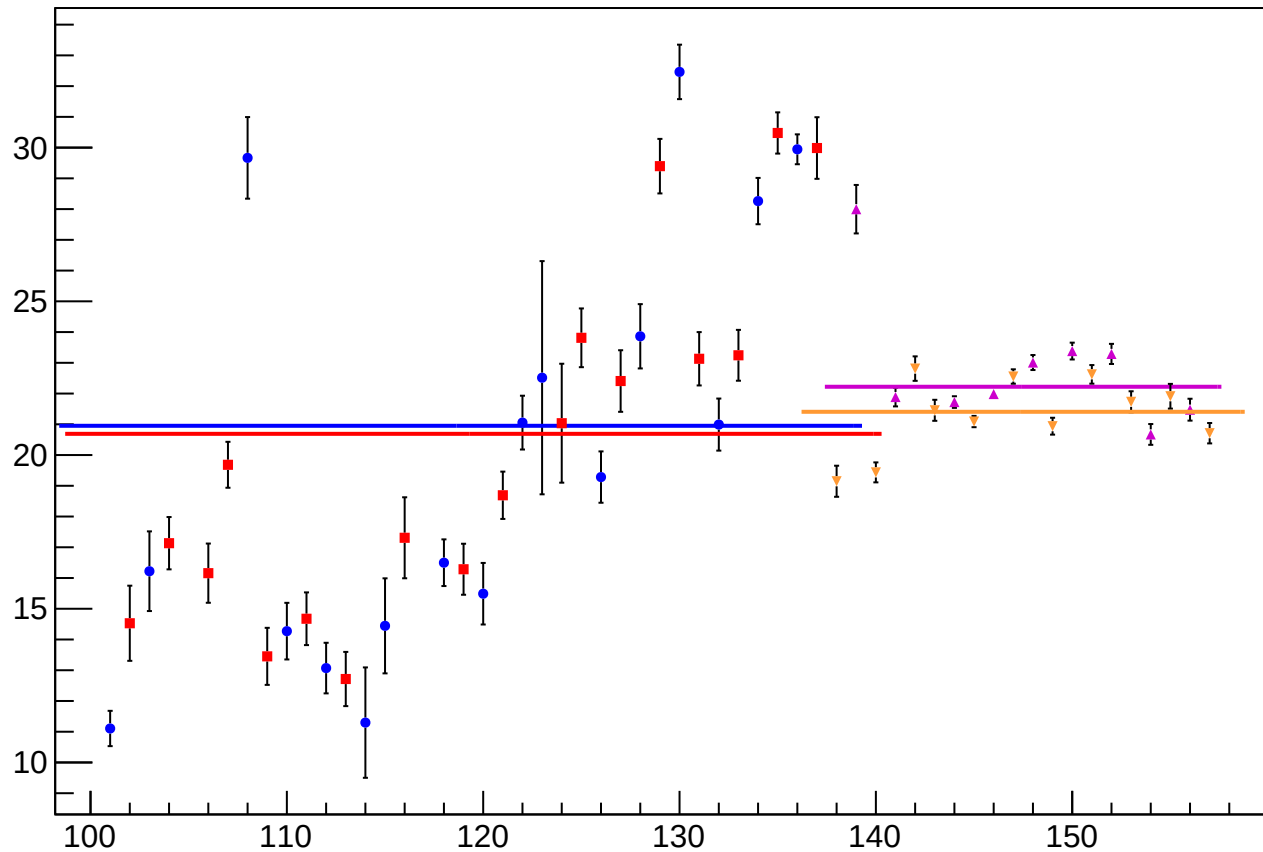
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -6.992 ± 0.097 $\chi^2/\text{NDF}: 7328.2/25$

Out: -7.686 ± 0.102 $\chi^2/\text{NDF}: 7752.0/28$

All: -7.321 ± 0.070 $\chi^2/\text{NDF}: 15104.4/54$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.407 $\pm$ 0.090 χ^2 /NDF:122.4/10

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.221 $\pm$ 0.084 χ^2 /NDF:128.9/8

Left: 21.842 $\pm$ 0.061 χ^2 /NDF: 295.4/19

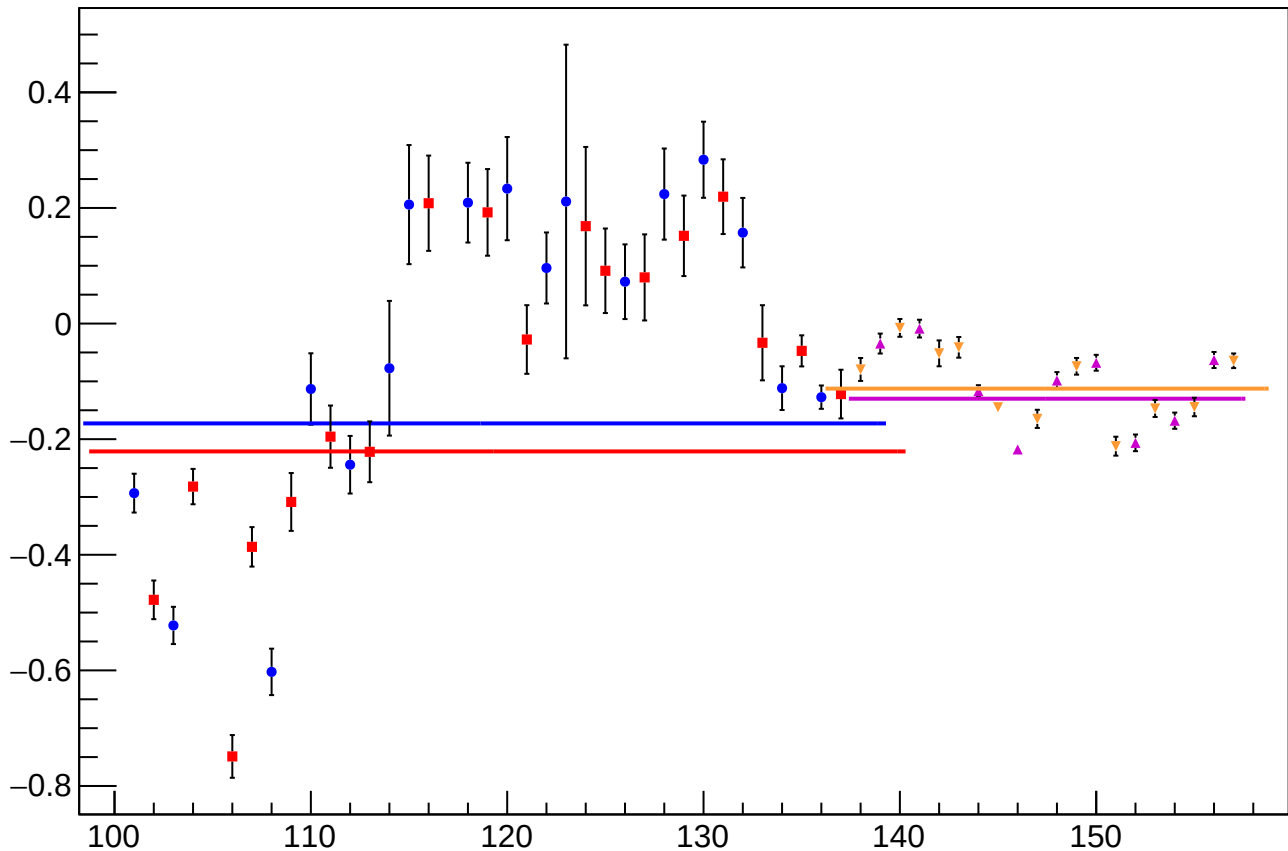
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.047 $\pm$ 0.078 χ^2 /NDF:1383.3/25

Out: 21.299 $\pm$ 0.083 χ^2 /NDF:859.0/28

All: 21.696 $\pm$ 0.057 χ^2 /NDF: 2285.8/54

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.113 ± 0.004 χ^2/NDF : 167.9/10

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.130 ± 0.004 χ^2/NDF : 286.8/8

Left: -0.121 ± 0.003 χ^2/NDF : 463.1/19

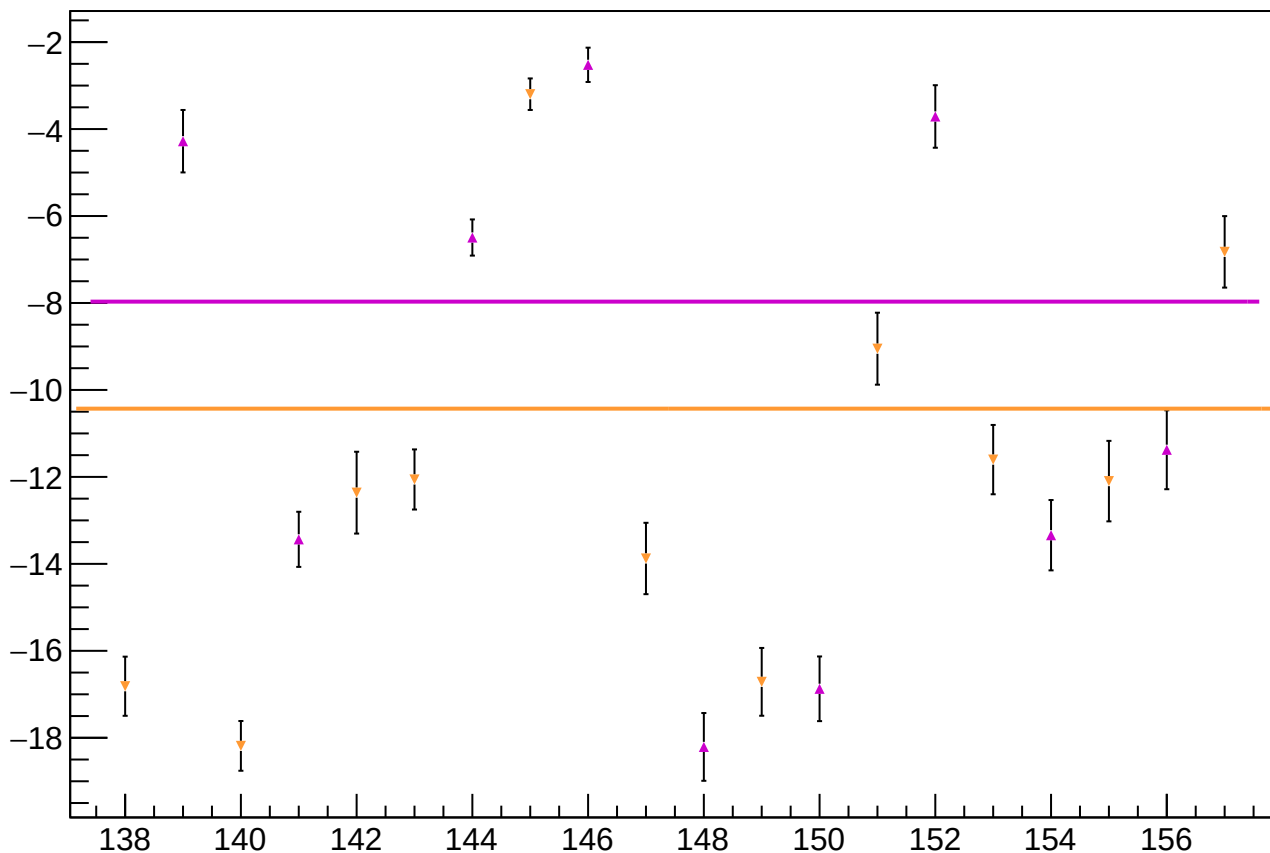
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.135 ± 0.004 χ^2/NDF : 759.9/25

Out: -0.127 ± 0.004 χ^2/NDF : 788.2/28

All: -0.131 ± 0.003 χ^2/NDF : 1550.3/54

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.430+/-0.201 χ^2/NDF : 789.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.969+/-0.201 χ^2/NDF : 713.3/8

Left: -9.202+/-0.142 χ^2/NDF : 1577.7/19

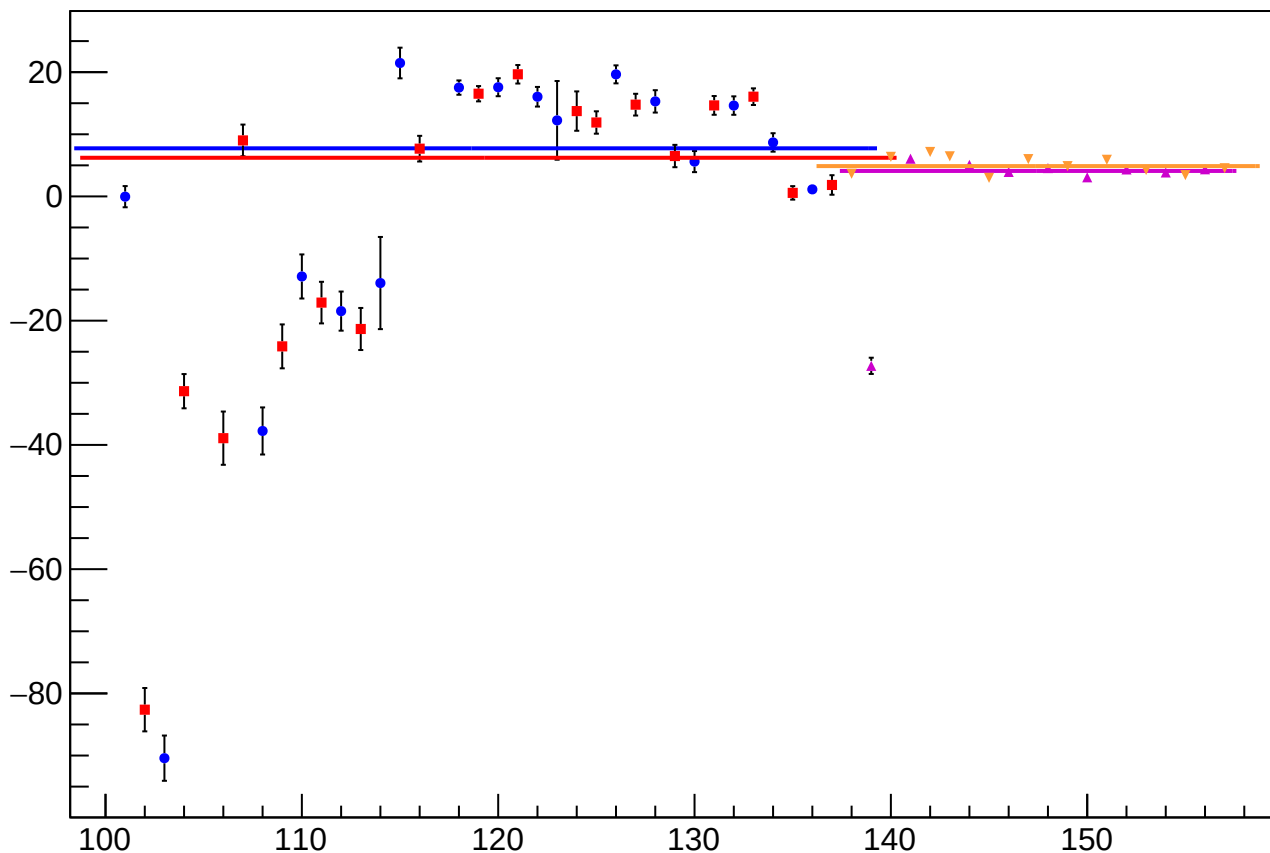
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.969+/-0.201 χ^2/NDF : 713.3/8

Out: -10.430+/-0.201 χ^2/NDF : 789.3/10

All: -9.202+/-0.142 χ^2/NDF : 1577.7/19

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: 4.880 ± 0.142 $\chi^2/\text{NDF}: 102.2/10$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.098 ± 0.137 $\chi^2/\text{NDF}: 612.9/8$

Left: 4.477 ± 0.099 $\chi^2/\text{NDF}: 730.8/19$

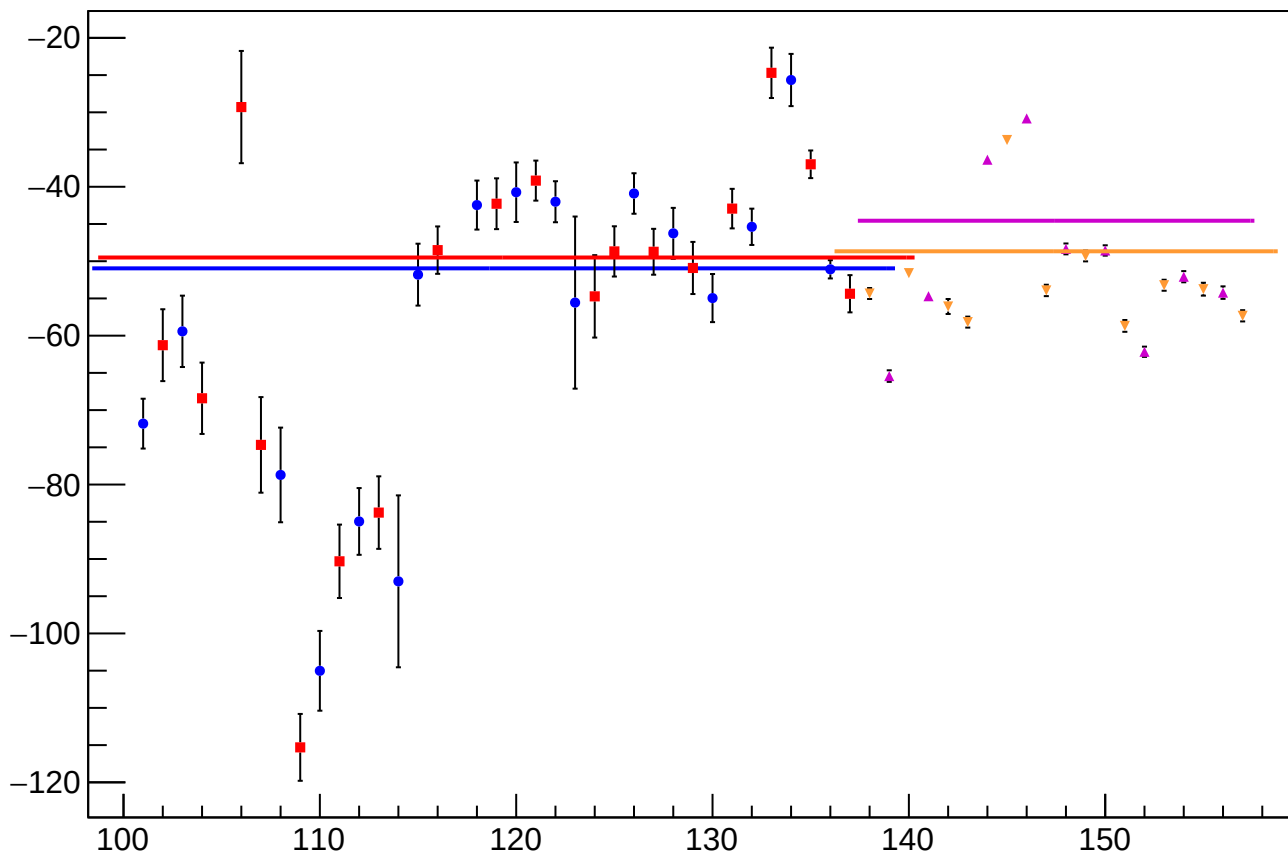
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.477 ± 0.130 $\chi^2/\text{NDF}: 2045.1/25$

Out: 5.009 ± 0.135 $\chi^2/\text{NDF}: 1556.8/28$

All: 4.734 ± 0.093 $\chi^2/\text{NDF}: 3609.9/54$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 $\pm$ 0.738 χ^2 /NDF: 331.9/16

Left Out: -48.668 $\pm$ 0.204 χ^2 /NDF: 2202.9/10

Right Out: -49.502 $\pm$ 0.798 χ^2 /NDF: 506.4/17

Left In: -44.563 $\pm$ 0.200 χ^2 /NDF: 3542.0/8

Left: -46.576 $\pm$ 0.143 χ^2 /NDF: 5952.0/19

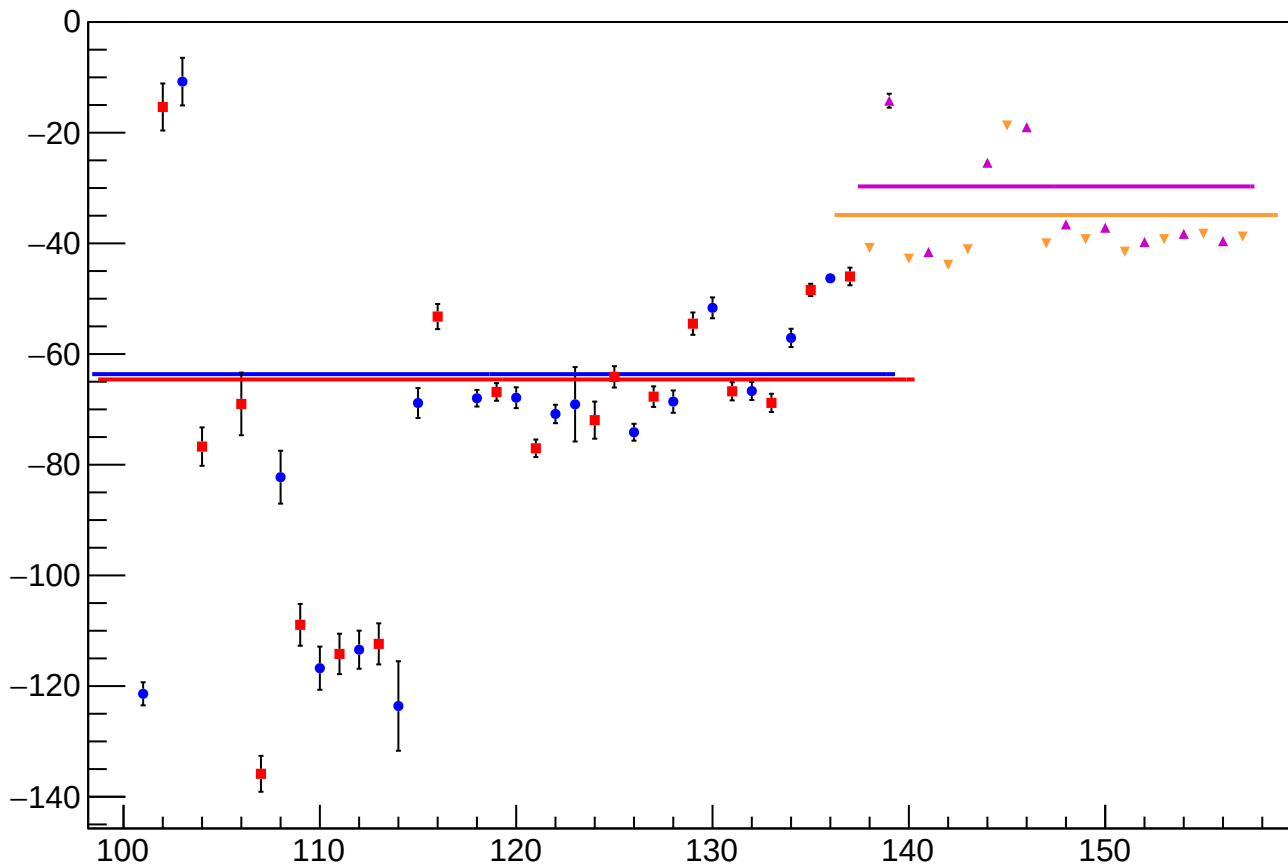
Right: -50.287 $\pm$ 0.542 χ^2 /NDF: 840.1/34

In: -44.999 $\pm$ 0.193 χ^2 /NDF: 3943.8/25

Out: -48.719 $\pm$ 0.197 χ^2 /NDF: 2710.3/28

All: -46.816 $\pm$ 0.138 χ^2 /NDF: 6836.0/54

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: -64.870 ± 0.171 χ^2/NDF : 3241.3/10

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -29.712 ± 0.167 χ^2/NDF : 2891.0/8

Left: -32.241 ± 0.120 χ^2/NDF : 6597.5/19

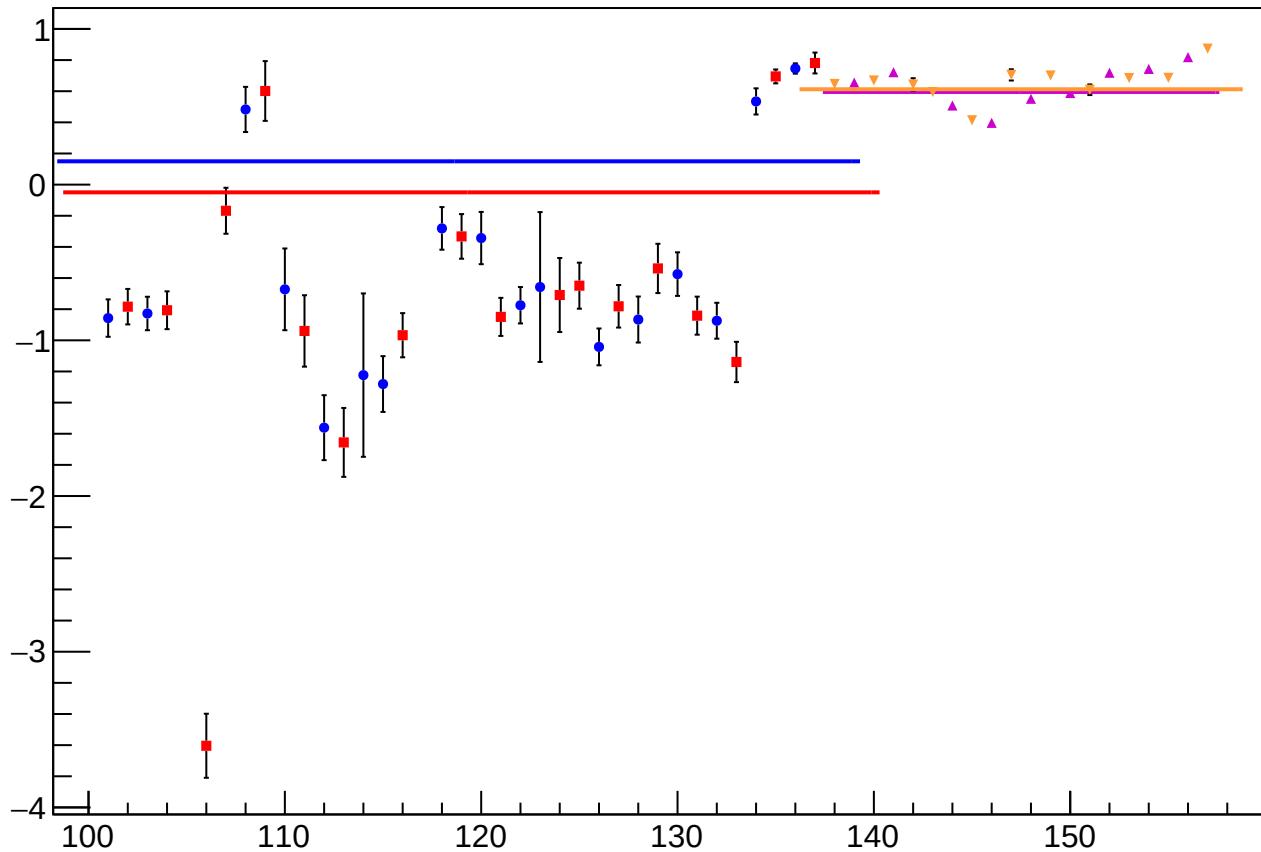
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.906 ± 0.157 χ^2/NDF : 9974.4/25

Out: -38.182 ± 0.161 χ^2/NDF : 8211.5/28

All: -35.988 ± 0.112 χ^2/NDF : 18548.0/54

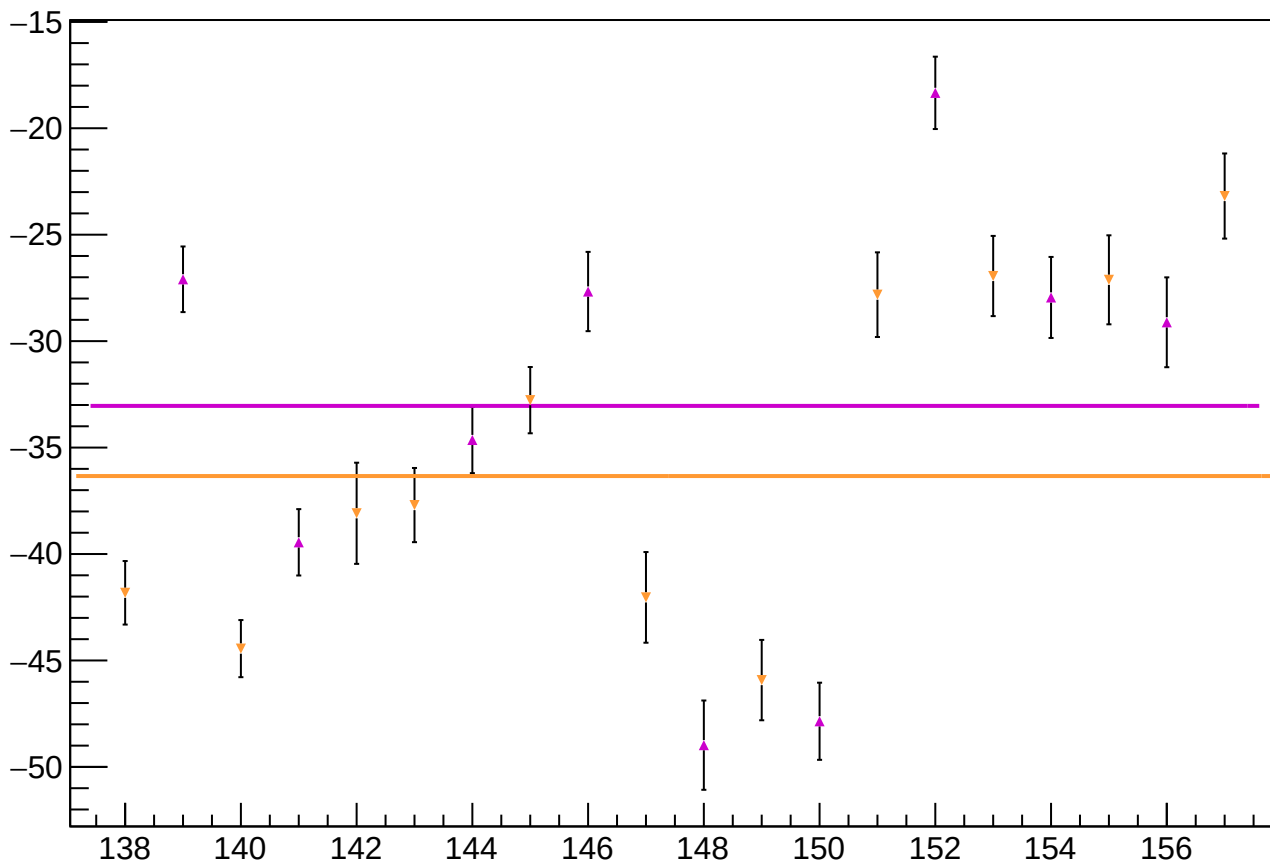
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.613 ± 0.008 $\chi^2/\text{NDF}: 310.7/10$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.595 ± 0.008 $\chi^2/\text{NDF}: 288.3/8$

Left: 0.604 ± 0.006 $\chi^2/\text{NDF}: 601.3/19$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.548 ± 0.008 $\chi^2/\text{NDF}: 1585.9/25$
 Out: 0.555 ± 0.008 $\chi^2/\text{NDF}: 2046.8/28$
 All: 0.552 ± 0.005 $\chi^2/\text{NDF}: 3633.2/54$

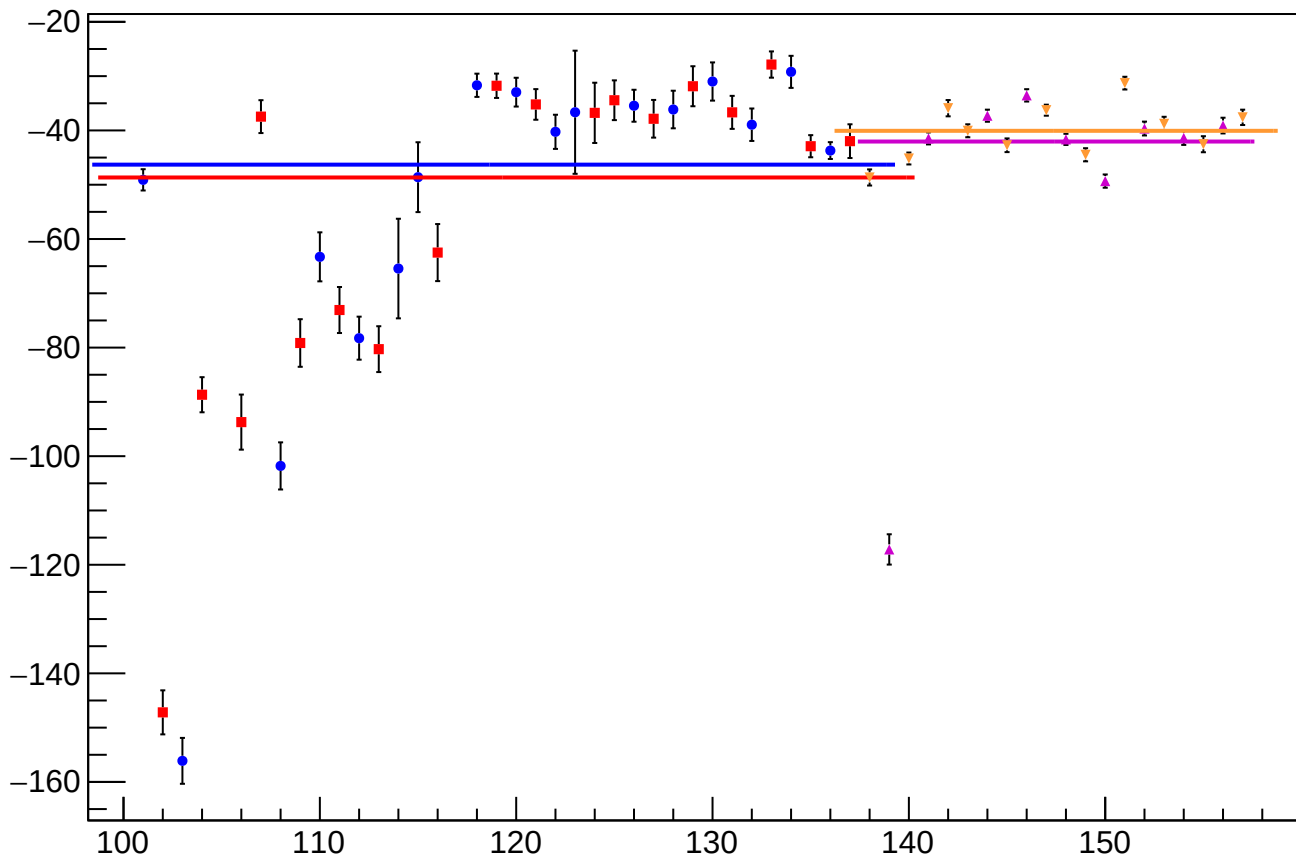
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -36.337 $\pm$ 0.539 χ^2 /NDF:195.3/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -33.042 $\pm$ 0.586 χ^2 /NDF:251.2/8

Left: -34.827 $\pm$ 0.397 χ^2 /NDF: 463.7/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -33.042 $\pm$ 0.586 χ^2 /NDF:251.2/8
 Out: -36.337 $\pm$ 0.539 χ^2 /NDF:195.3/10
 All: -34.827 $\pm$ 0.397 χ^2 /NDF: 463.7/19

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.072 ± 0.378 $\chi^2/\text{NDF}: 157.3/10$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -42.045 ± 0.414 $\chi^2/\text{NDF}: 842.0/8$

Left: -40.968 ± 0.279 $\chi^2/\text{NDF}: 1011.7/19$

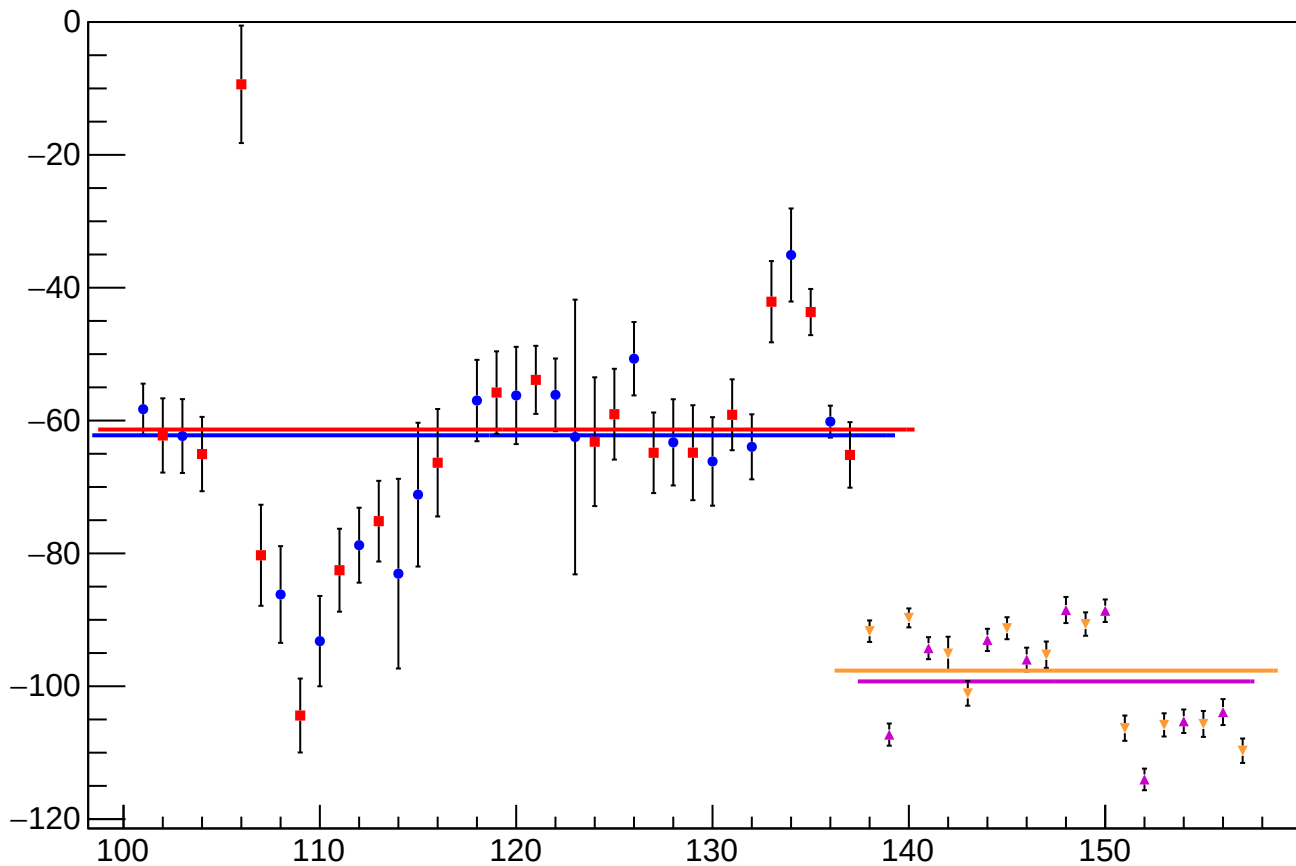
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -43.097 ± 0.360 $\chi^2/\text{NDF}: 1952.0/25$

Out: -41.767 ± 0.339 $\chi^2/\text{NDF}: 1471.3/28$

All: -42.392 ± 0.247 $\chi^2/\text{NDF}: 3430.6/54$

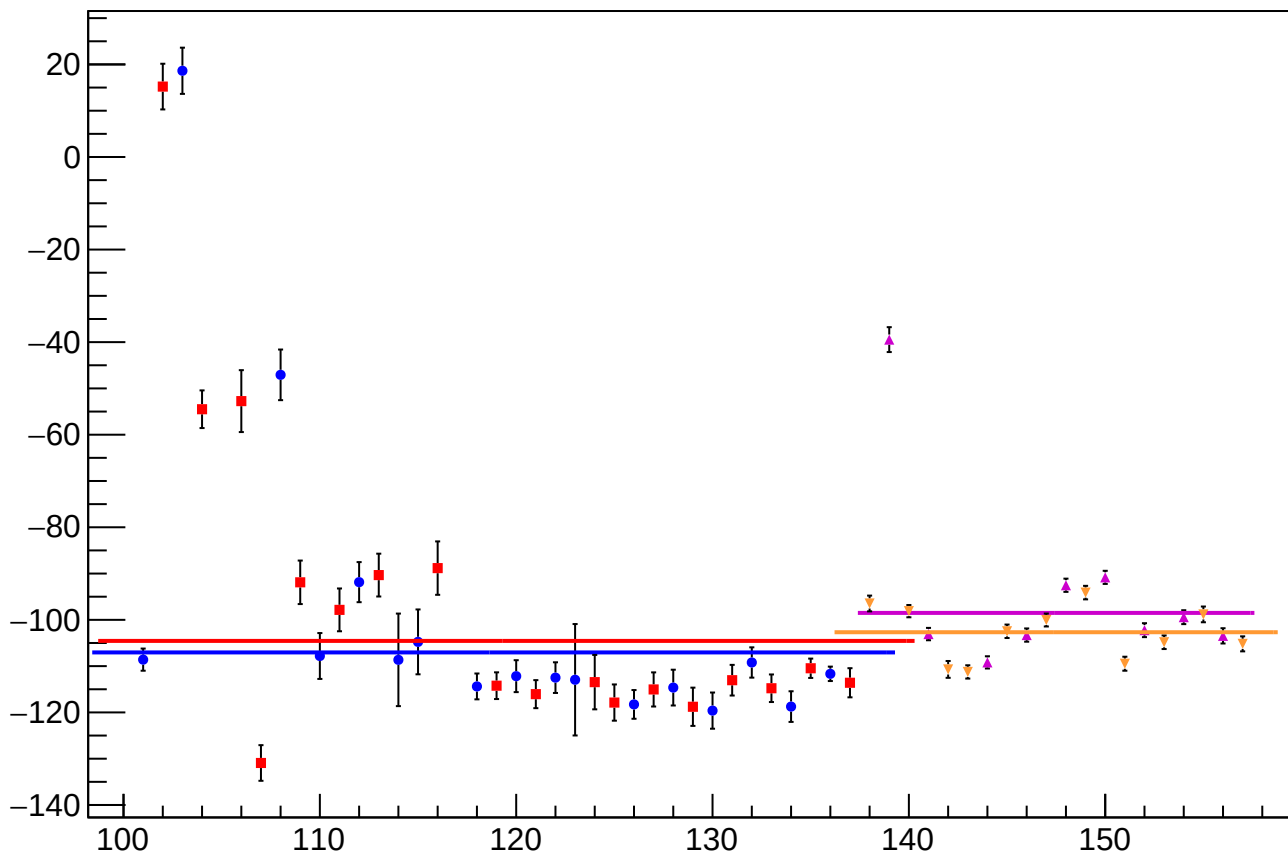
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -97.645 ± 0.541 $\chi^2/\text{NDF}: 183.3/10$
 Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$
 Left In: -99.271 ± 0.581 $\chi^2/\text{NDF}: 218.4/8$

Left: -98.400 ± 0.396 $\chi^2/\text{NDF}: 405.9/19$
 Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$
 In: -93.196 ± 0.531 $\chi^2/\text{NDF}: 952.7/25$
 Out: -92.827 ± 0.504 $\chi^2/\text{NDF}: 939.2/28$
 All: -93.002 ± 0.366 $\chi^2/\text{NDF}: 1892.2/54$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.675 ± 0.457 χ^2/NDF : 148.0/10

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -98.500 ± 0.500 χ^2/NDF : 632.8/8

Left: -100.774 ± 0.338 χ^2/NDF : 818.8/19

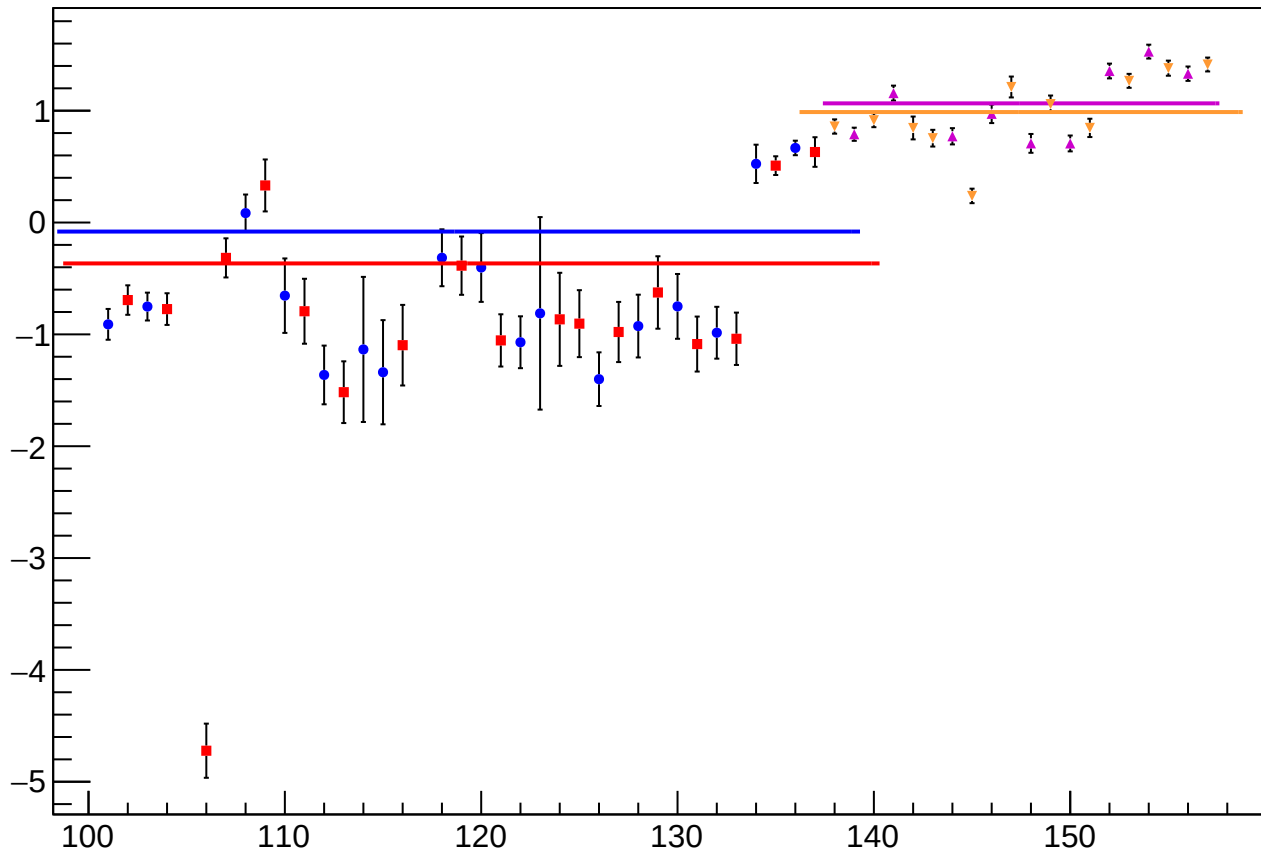
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -100.848 ± 0.426 χ^2/NDF : 1540.8/25

Out: -103.088 ± 0.404 χ^2/NDF : 1119.2/28

All: -102.027 ± 0.293 χ^2/NDF : 2674.5/54

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.988 ± 0.021 χ^2/NDF : 261.0/10

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.066 ± 0.023 χ^2/NDF : 176.8/8

Left: 1.024 ± 0.016 χ^2/NDF : 444.0/19

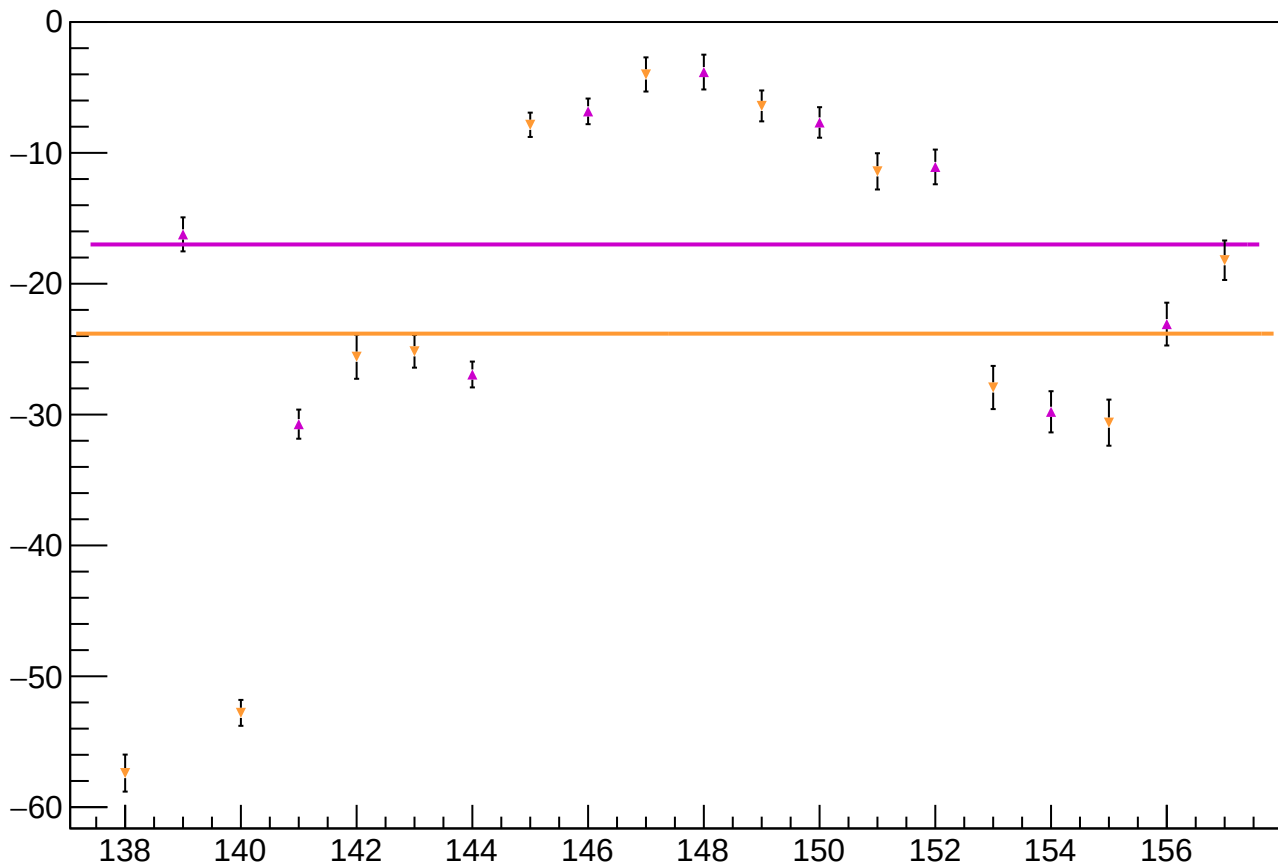
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.806 ± 0.020 χ^2/NDF : 1076.5/25

Out: 0.729 ± 0.019 χ^2/NDF : 1598.9/28

All: 0.766 ± 0.014 χ^2/NDF : 2683.0/54

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.814+/-0.388 χ^2/NDF :2280.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.000+/-0.404 χ^2/NDF :623.5/8

Left: -20.545+/-0.280 χ^2/NDF : 3051.5/19

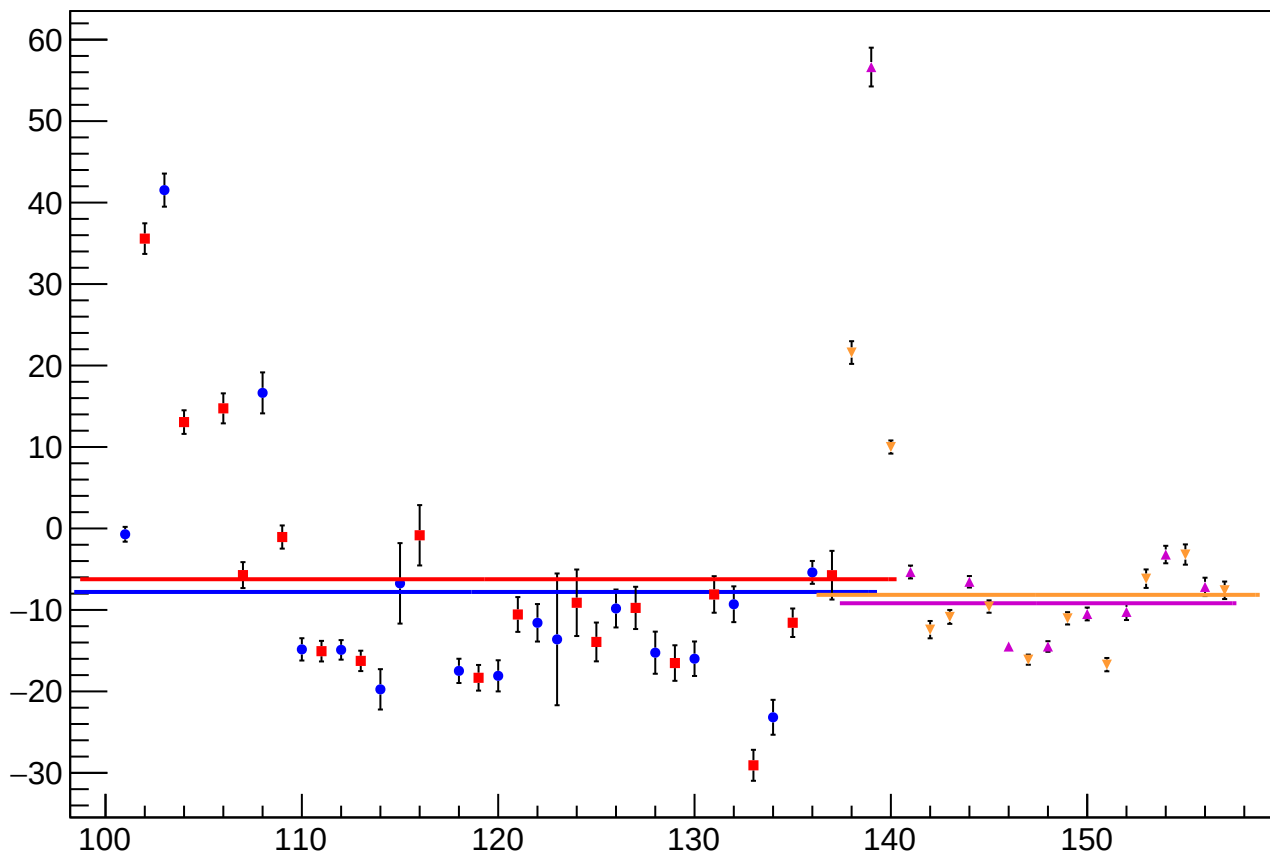
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.000+/-0.404 χ^2/NDF :623.5/8

Out: -23.814+/-0.388 χ^2/NDF :2280.3/10

All: -20.545+/-0.280 χ^2/NDF : 3051.5/19

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.148 ± 0.266 χ^2/NDF : 1295.5/10

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.179 ± 0.277 χ^2/NDF : 981.2/8

Left: -8.644 ± 0.192 χ^2/NDF : 2283.9/19

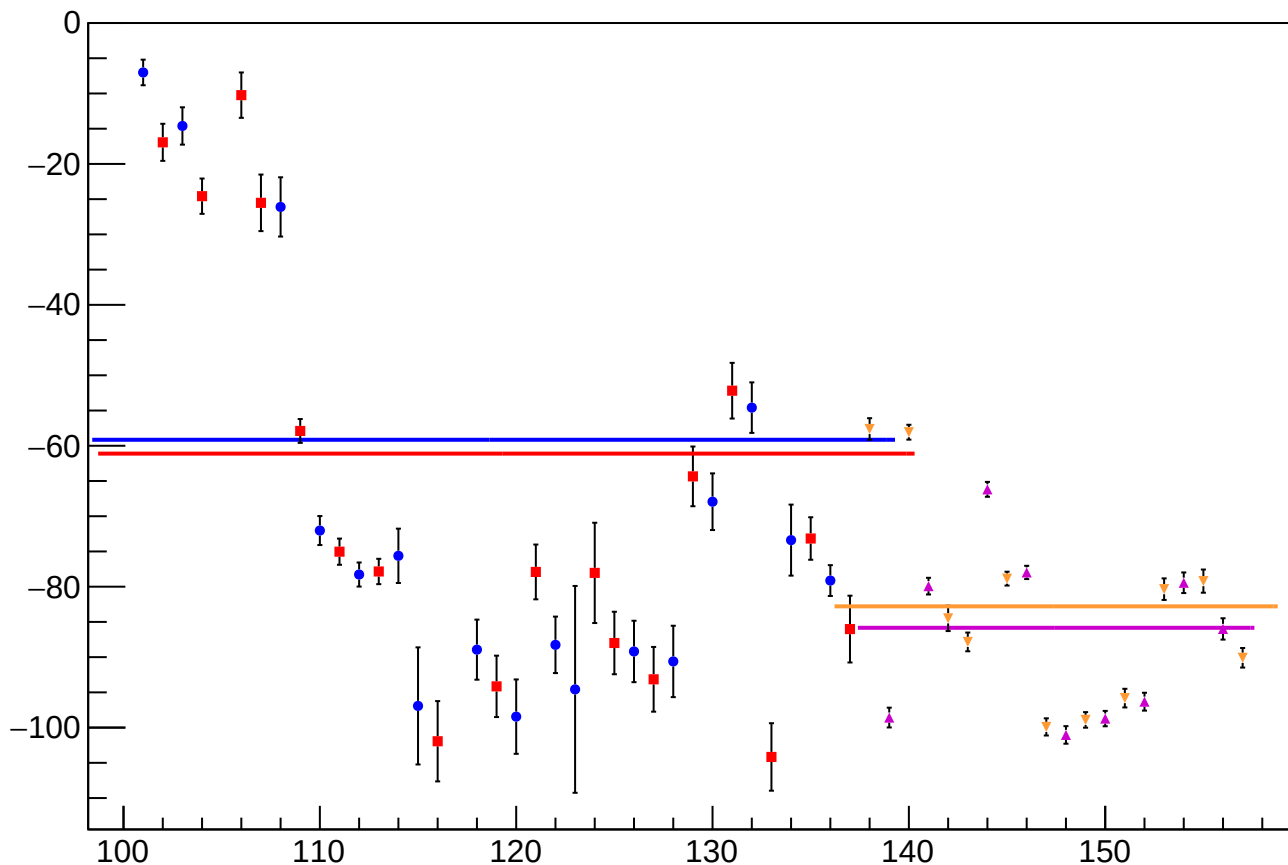
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -8.771 ± 0.232 χ^2/NDF : 1971.3/25

Out: -7.617 ± 0.226 χ^2/NDF : 2492.8/28

All: -8.179 ± 0.162 χ^2/NDF : 4476.8/54

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.792 ± 0.389 χ^2/NDF : 1392.2/10

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -85.836 ± 0.400 χ^2/NDF : 897.8/8

Left: -84.271 ± 0.279 χ^2/NDF : 2319.7/19

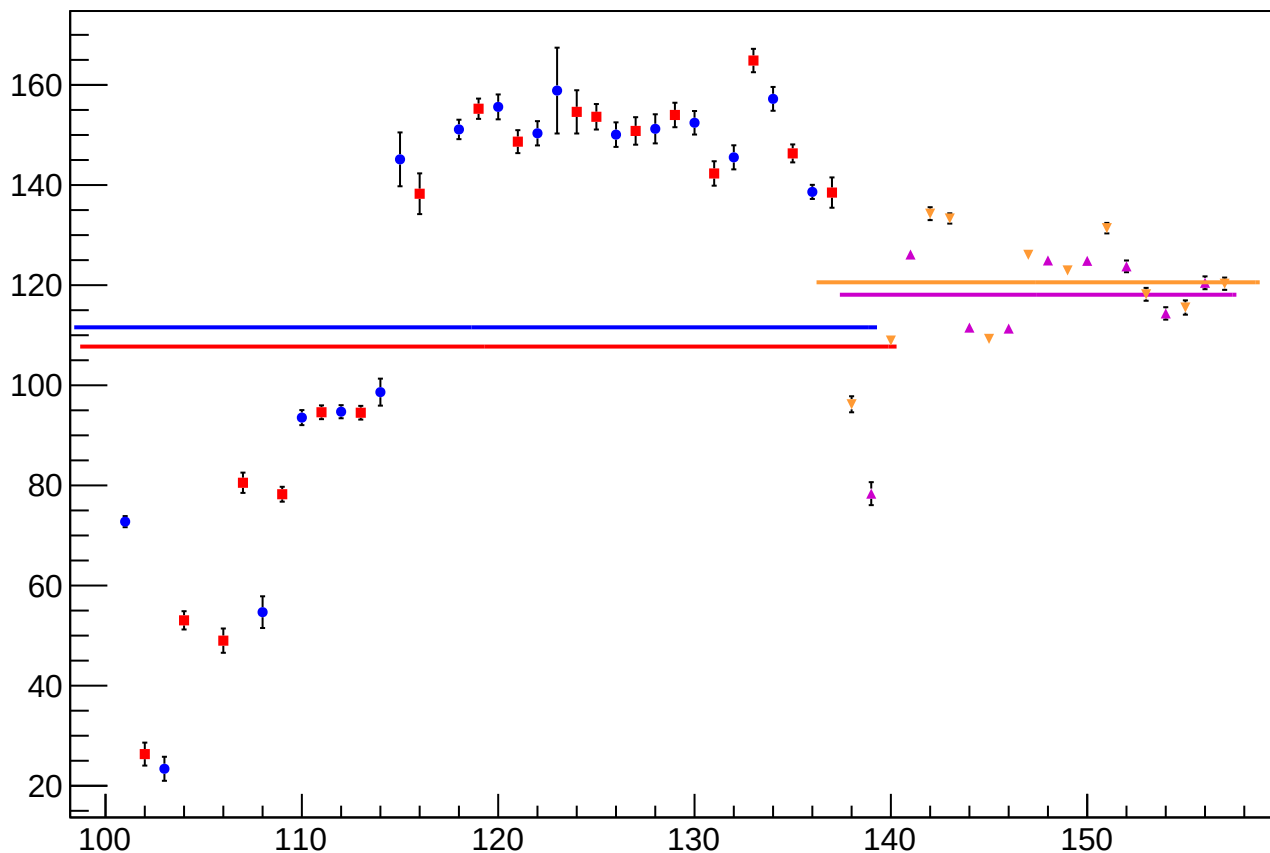
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -79.869 ± 0.352 χ^2/NDF : 3611.6/25

Out: -77.765 ± 0.341 χ^2/NDF : 3430.7/28

All: -78.782 ± 0.245 χ^2/NDF : 7060.7/54

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: 120.572+/-0.324 χ^2/NDF :976.5/10

Right Out: 107.735+/-0.489 χ^2/NDF : 6836.2/17

Left In: 118.090+/-0.337 χ^2/NDF :657.8/8

Left: 119.378+/-0.234 χ^2/NDF : 1662.5/19

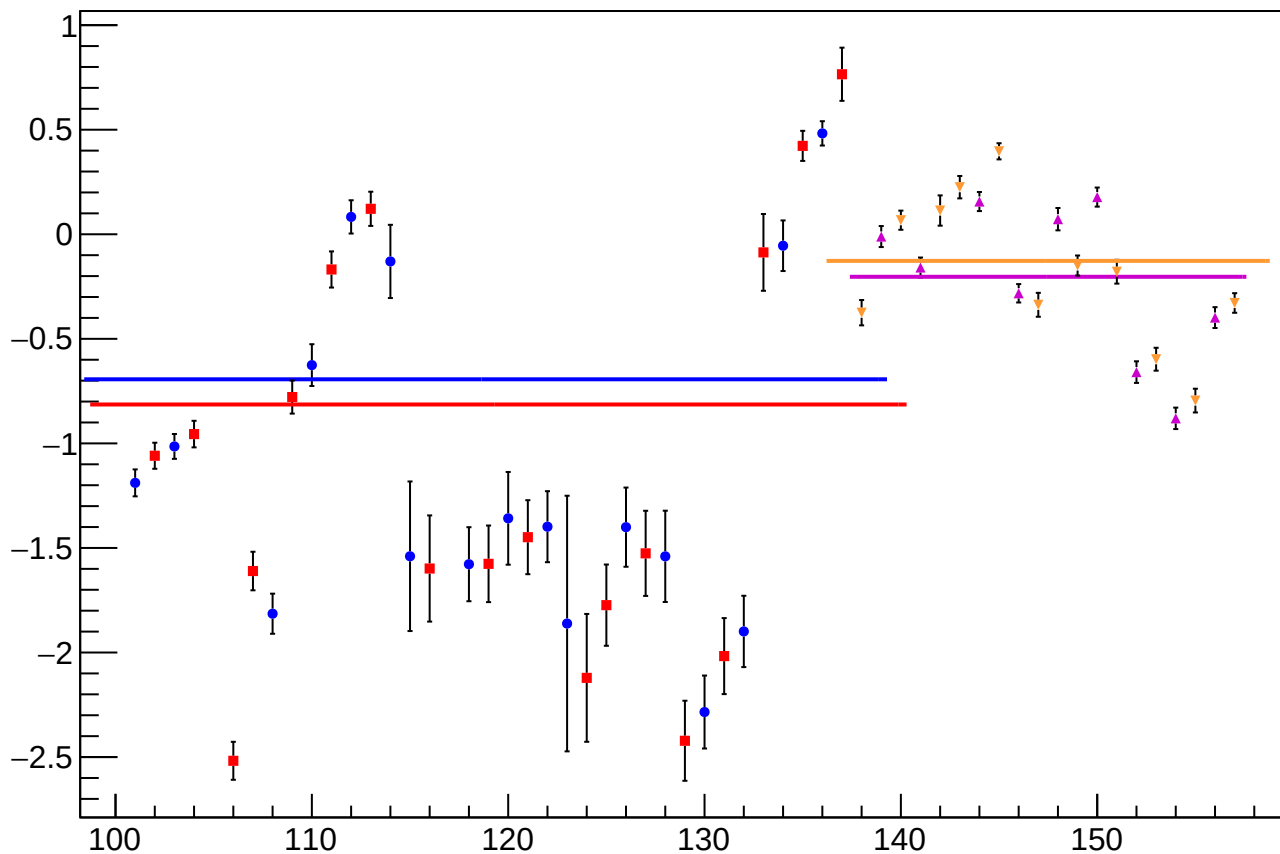
Right: 109.661+/-0.345 χ^2/NDF : 12813.2/34

In: 115.986+/-0.277 χ^2/NDF :6724.5/25

Out: 116.647+/-0.270 χ^2/NDF :8291.9/28

All: 116.325+/-0.193 χ^2/NDF : 15019.3/54

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.127 ± 0.016 χ^2/NDF : 518.5/10

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.203 ± 0.016 χ^2/NDF : 444.3/8

Left: -0.164 ± 0.011 χ^2/NDF : 974.3/19

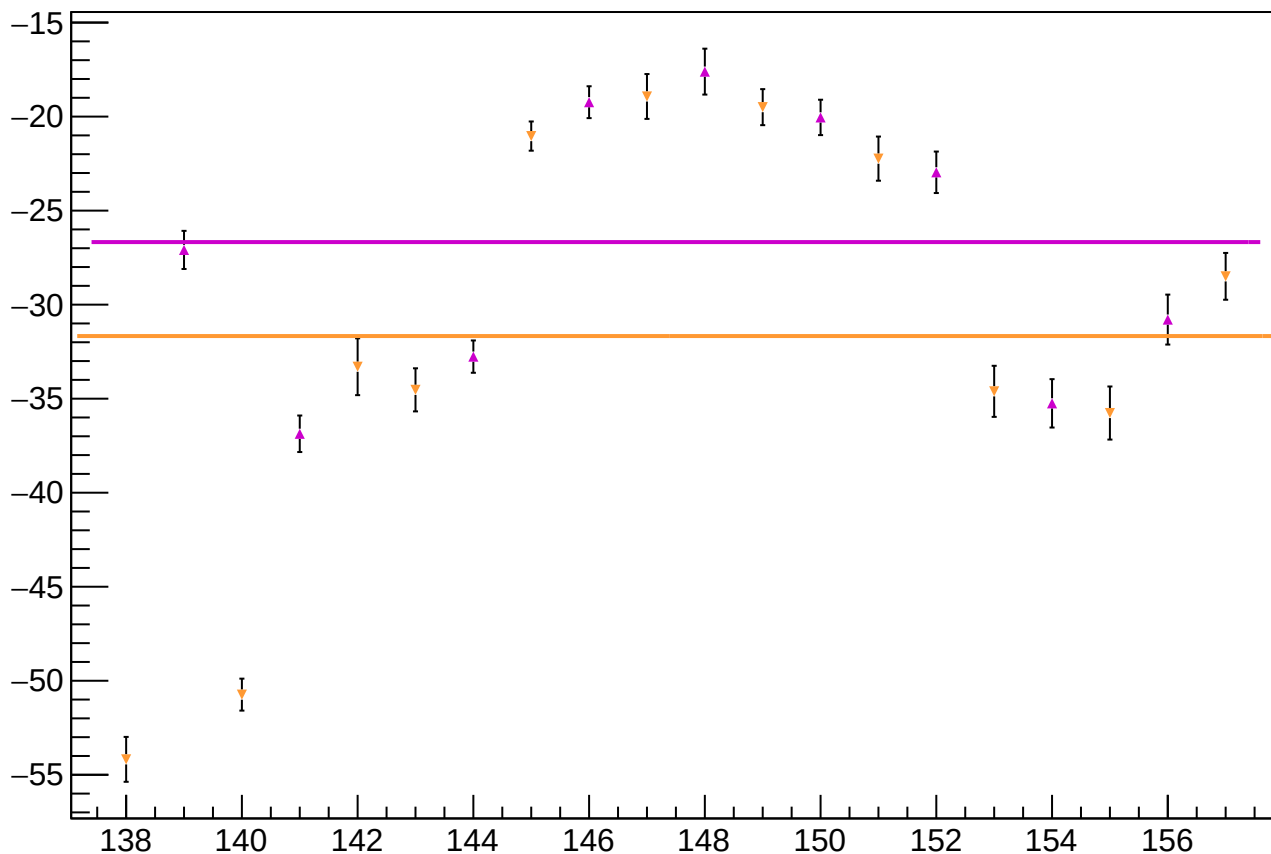
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.342 ± 0.014 χ^2/NDF : 1694.0/25

Out: -0.326 ± 0.013 χ^2/NDF : 2386.9/28

All: -0.333 ± 0.009 χ^2/NDF : 4081.6/54

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.670+/-0.331 χ^2/NDF :1413.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.673+/-0.341 χ^2/NDF :408.0/8

Left: -29.252+/-0.237 χ^2/NDF : 1932.1/19

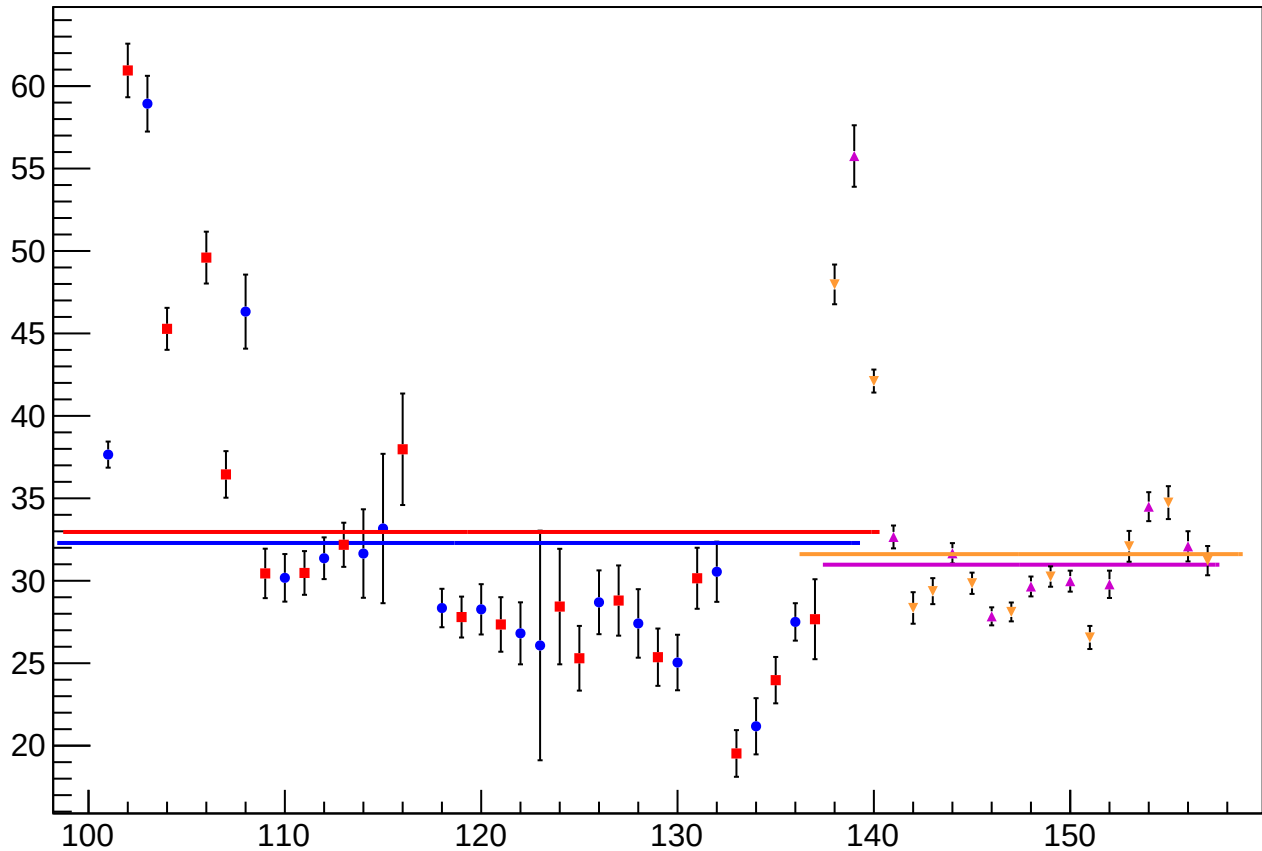
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.673+/-0.341 χ^2/NDF :408.0/8

Out: -31.670+/-0.331 χ^2/NDF :1413.5/10

All: -29.252+/-0.237 χ^2/NDF : 1932.1/19

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.616 ± 0.229 $\chi^2/\text{NDF}: 543.0/10$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 30.975 ± 0.239 $\chi^2/\text{NDF}: 243.5/8$

Left: 31.309 ± 0.165 $\chi^2/\text{NDF}: 790.2/19$

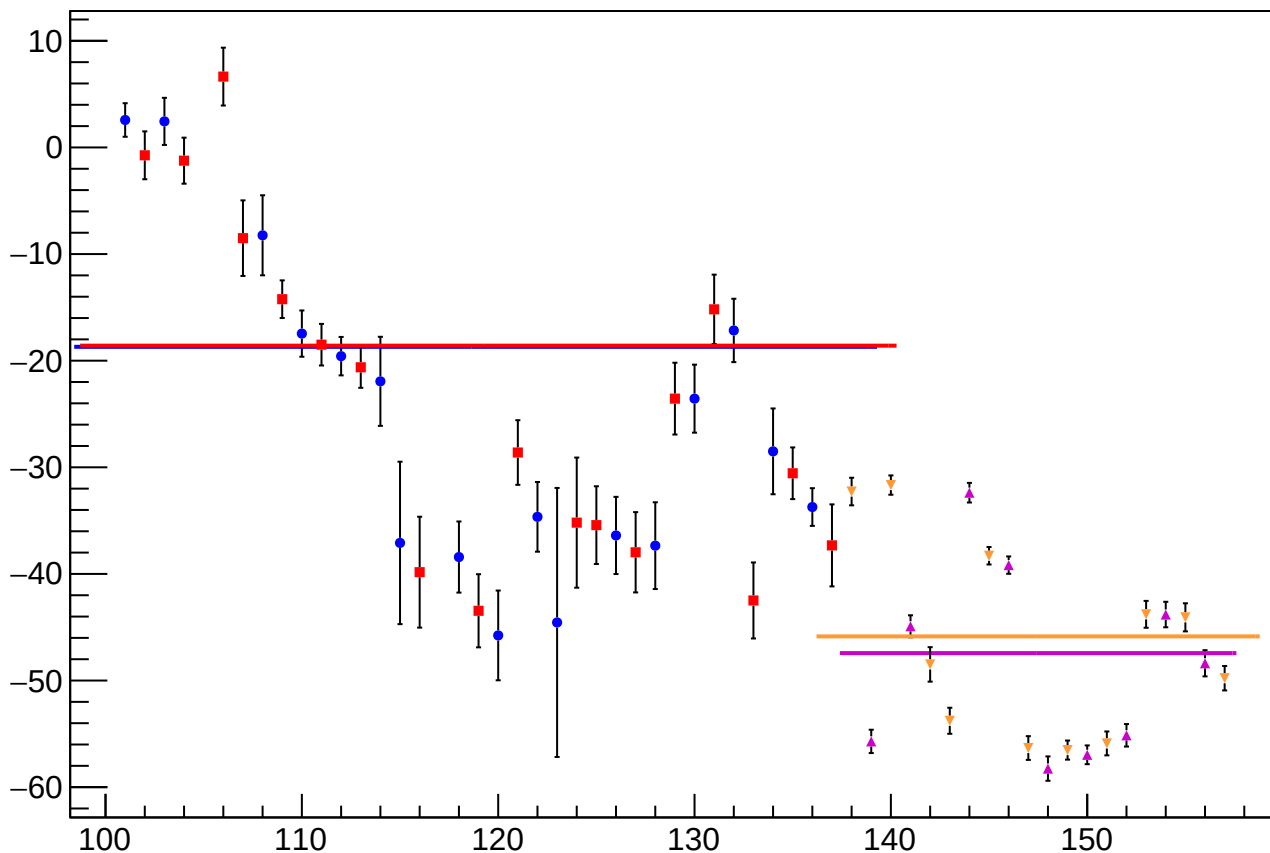
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.358 ± 0.201 $\chi^2/\text{NDF}: 704.9/25$

Out: 31.975 ± 0.196 $\chi^2/\text{NDF}: 1276.2/28$

All: 31.674 ± 0.141 $\chi^2/\text{NDF}: 1985.8/54$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

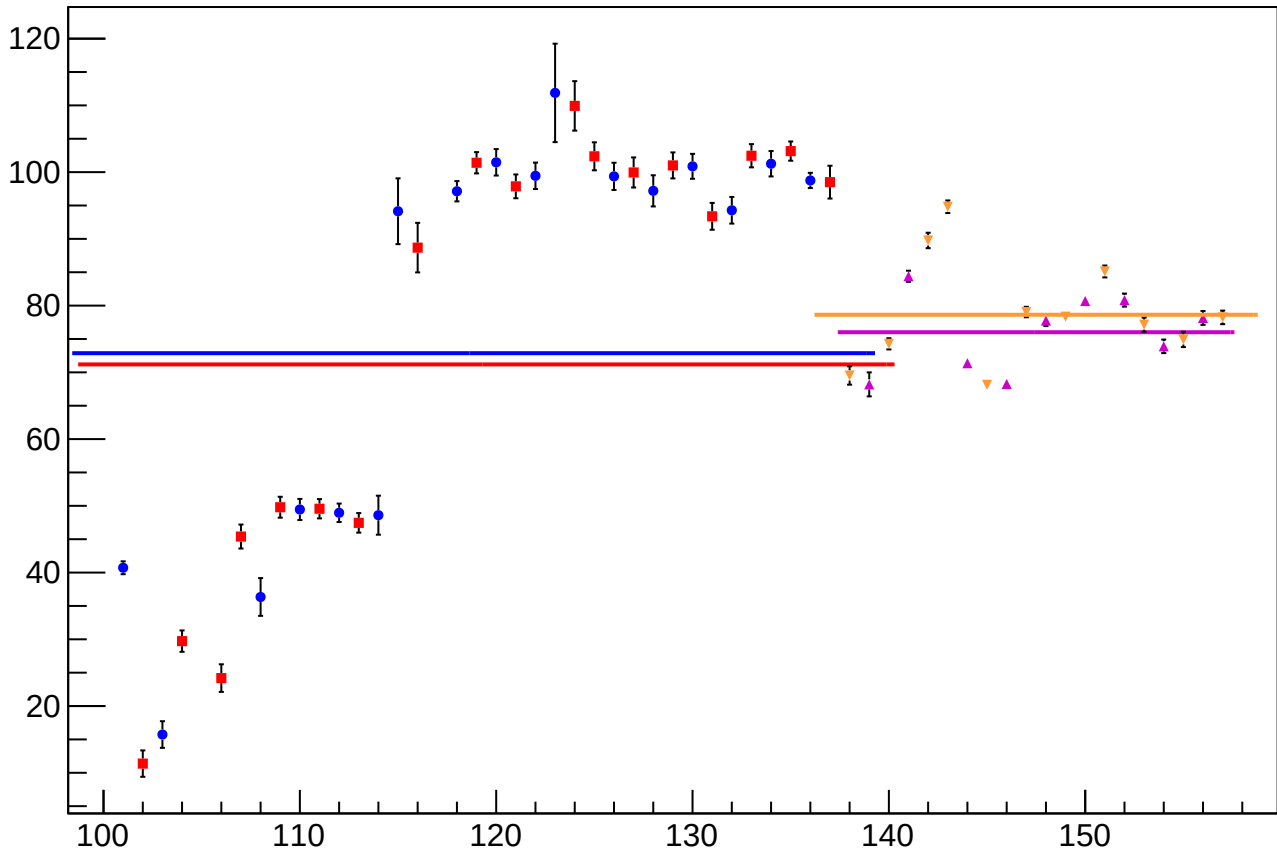


Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$
 Left Out: -45.859 ± 0.330 $\chi^2/\text{NDF}: 812.1/10$
 Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$
 Left In: -47.427 ± 0.338 $\chi^2/\text{NDF}: 703.2/8$

Left: -46.625 ± 0.236 $\chi^2/\text{NDF}: 1526.3/19$
 Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$
 In: -41.563 ± 0.301 $\chi^2/\text{NDF}: 2700.7/25$
 Out: -40.233 ± 0.294 $\chi^2/\text{NDF}: 2680.8/28$

All: -40.882 ± 0.210 $\chi^2/\text{NDF}: 5391.5/54$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 78.631 $\pm$ 0.278 χ^2 /NDF: 722.9/10

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 76.013 $\pm$ 0.288 χ^2 /NDF: 369.9/8

Left: 77.370 $\pm$ 0.200 χ^2 /NDF: 1135.5/19

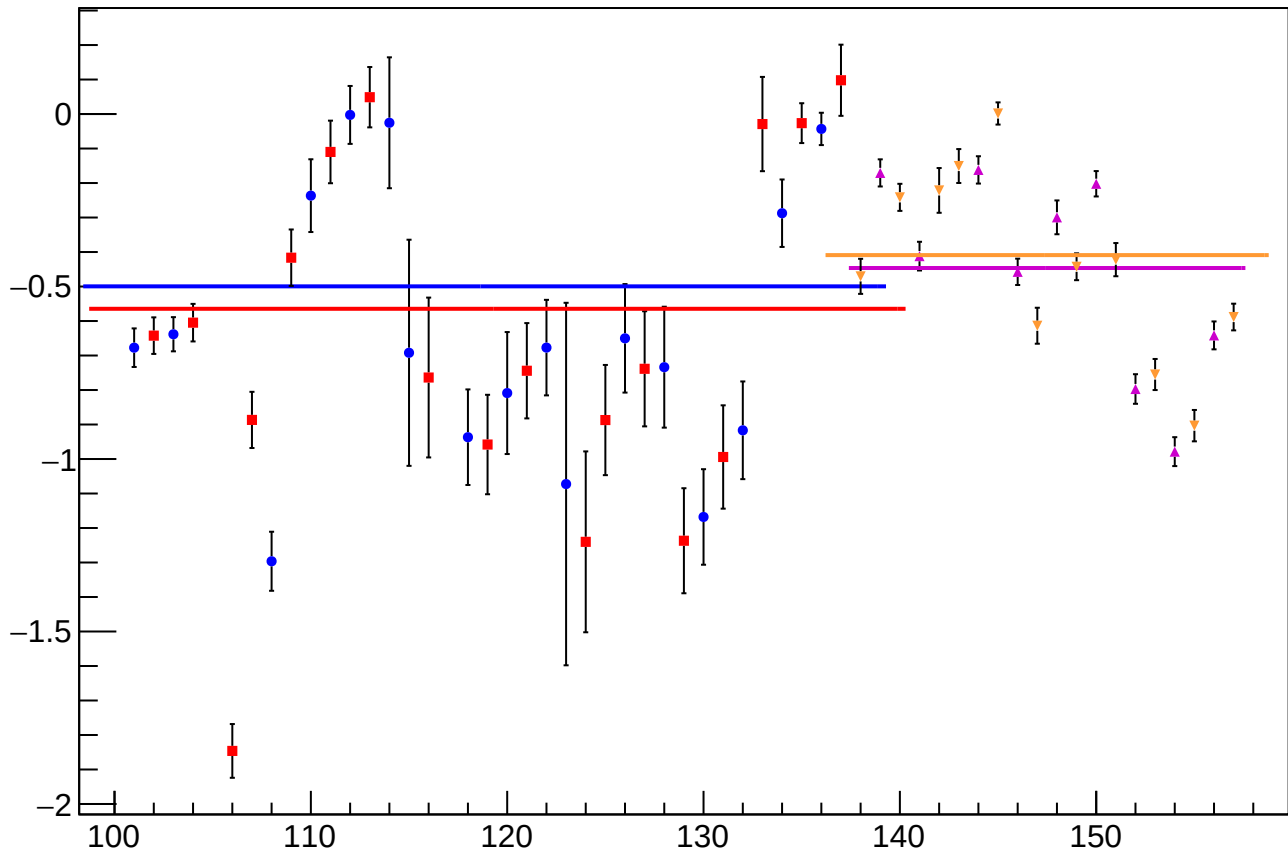
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 75.028 $\pm$ 0.239 χ^2 /NDF: 5134.2/25

Out: 76.467 $\pm$ 0.234 χ^2 /NDF: 6306.5/28

All: 75.762 $\pm$ 0.167 χ^2 /NDF: 11459.3/54

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.409 ± 0.013 χ^2/NDF : 433.6/10

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.446 ± 0.014 χ^2/NDF : 406.0/8

Left: -0.427 ± 0.009 χ^2/NDF : 843.5/19

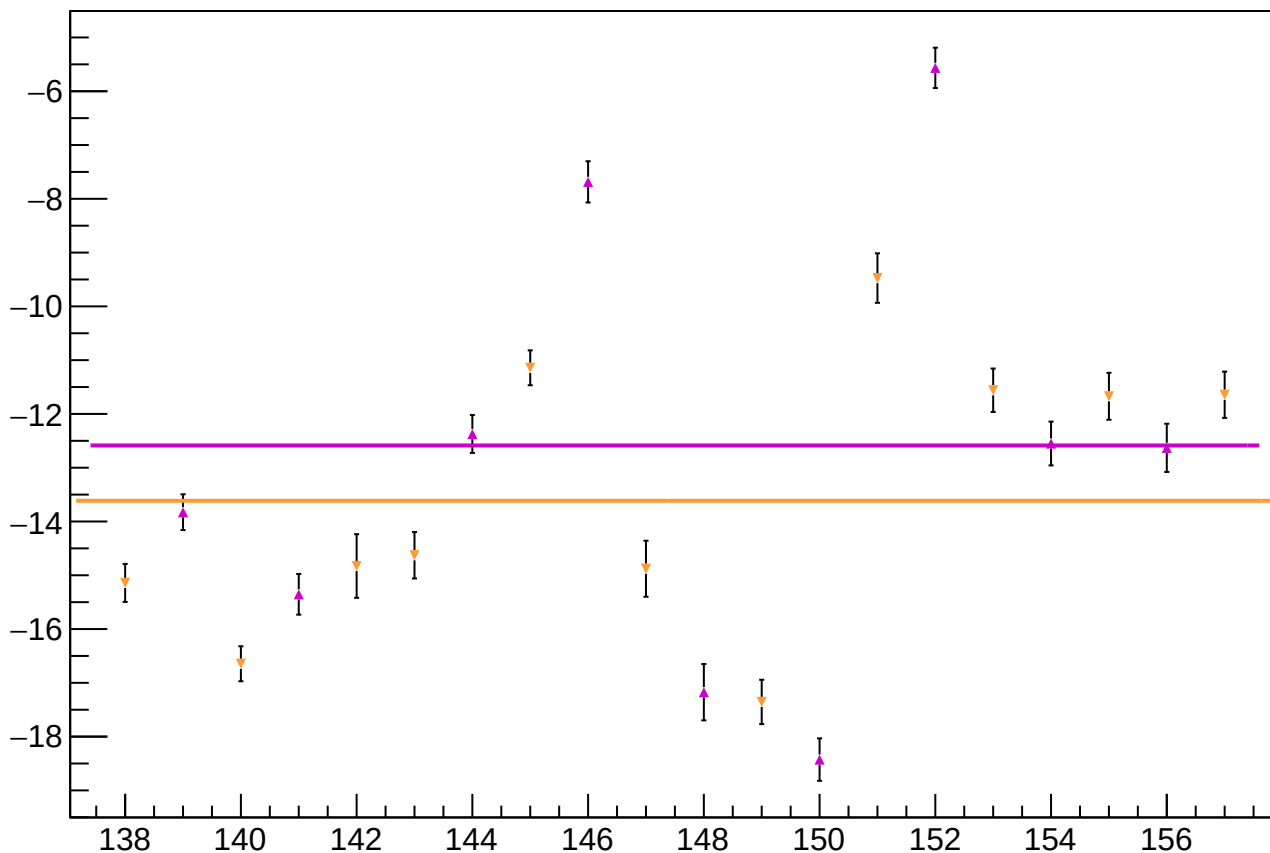
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.461 ± 0.012 χ^2/NDF : 712.8/25

Out: -0.451 ± 0.011 χ^2/NDF : 1030.9/28

All: -0.456 ± 0.008 χ^2/NDF : 1744.0/54

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -13.615 ± 0.123 χ^2/NDF : 409.1/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -12.586 ± 0.130 χ^2/NDF : 877.1/8

Left: -13.130 ± 0.089 χ^2/NDF : 1319.2/19

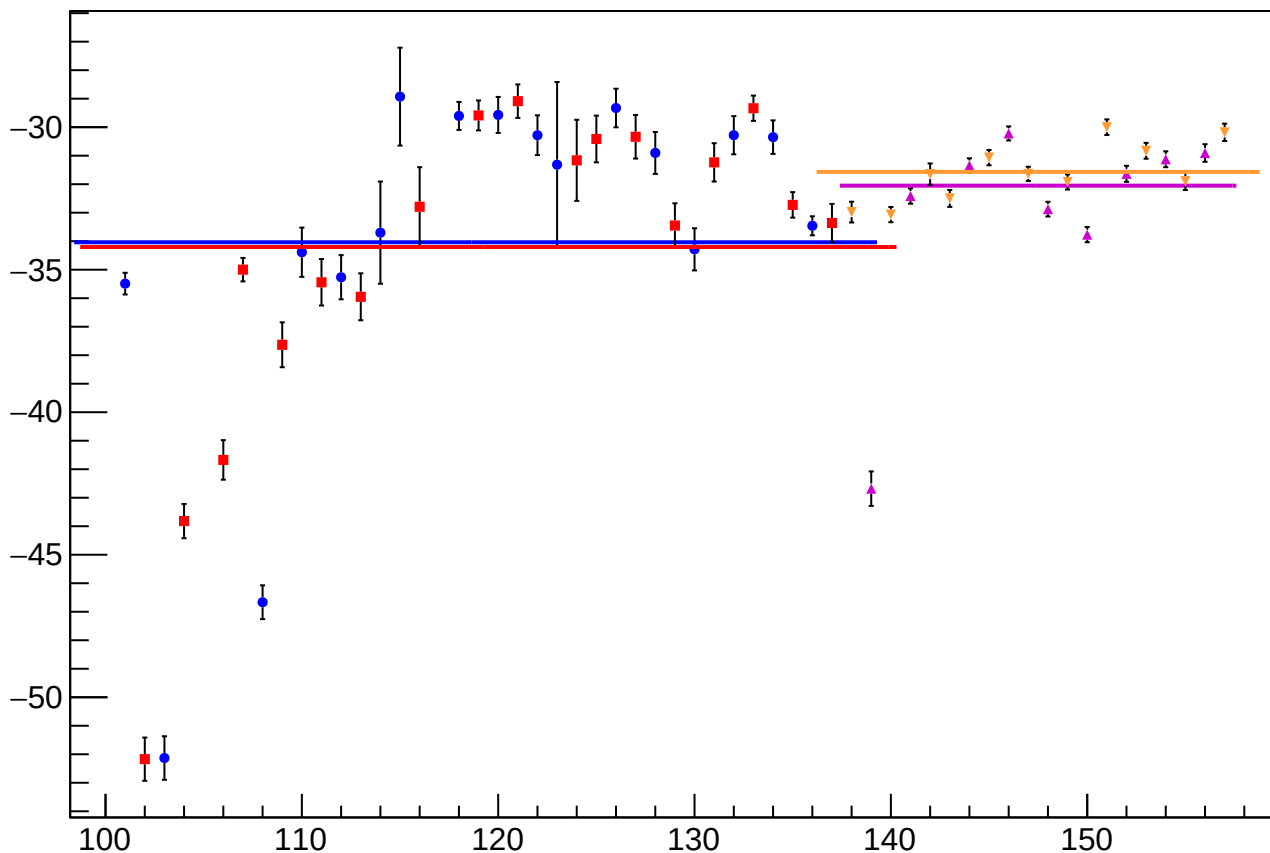
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -12.586 ± 0.130 χ^2/NDF : 877.1/8

Out: -13.615 ± 0.123 χ^2/NDF : 409.1/10

All: -13.130 ± 0.089 χ^2/NDF : 1319.2/19

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -31.568 ± 0.087 $\chi^2/\text{NDF}: 123.1/10$

Right Out: -34.205 ± 0.151 $\chi^2/\text{NDF}: 1320.7/17$

Left In: -32.052 ± 0.094 $\chi^2/\text{NDF}: 451.8/8$

Left: -31.792 ± 0.064 $\chi^2/\text{NDF}: 589.1/19$

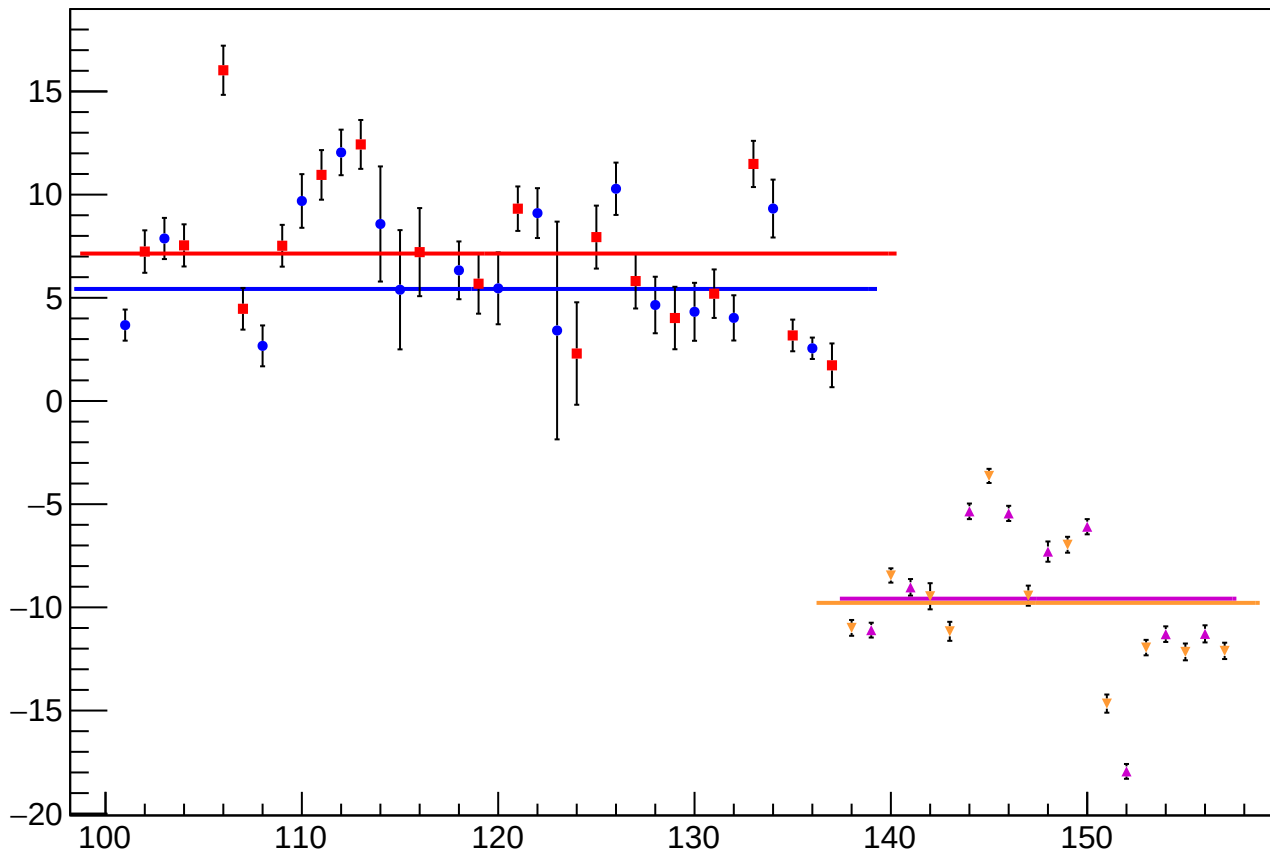
Right: -34.121 ± 0.107 $\chi^2/\text{NDF}: 2664.3/34$

In: -32.606 ± 0.080 $\chi^2/\text{NDF}: 1919.7/25$

Out: -32.229 ± 0.076 $\chi^2/\text{NDF}: 1672.8/28$

All: -32.407 ± 0.055 $\chi^2/\text{NDF}: 3604.3/54$

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: -9.782 ± 0.123 $\chi^2/\text{NDF}: 634.4/10$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -9.579 ± 0.129 $\chi^2/\text{NDF}: 963.3/8$

Left: -9.685 ± 0.089 $\chi^2/\text{NDF}: 1599.0/19$

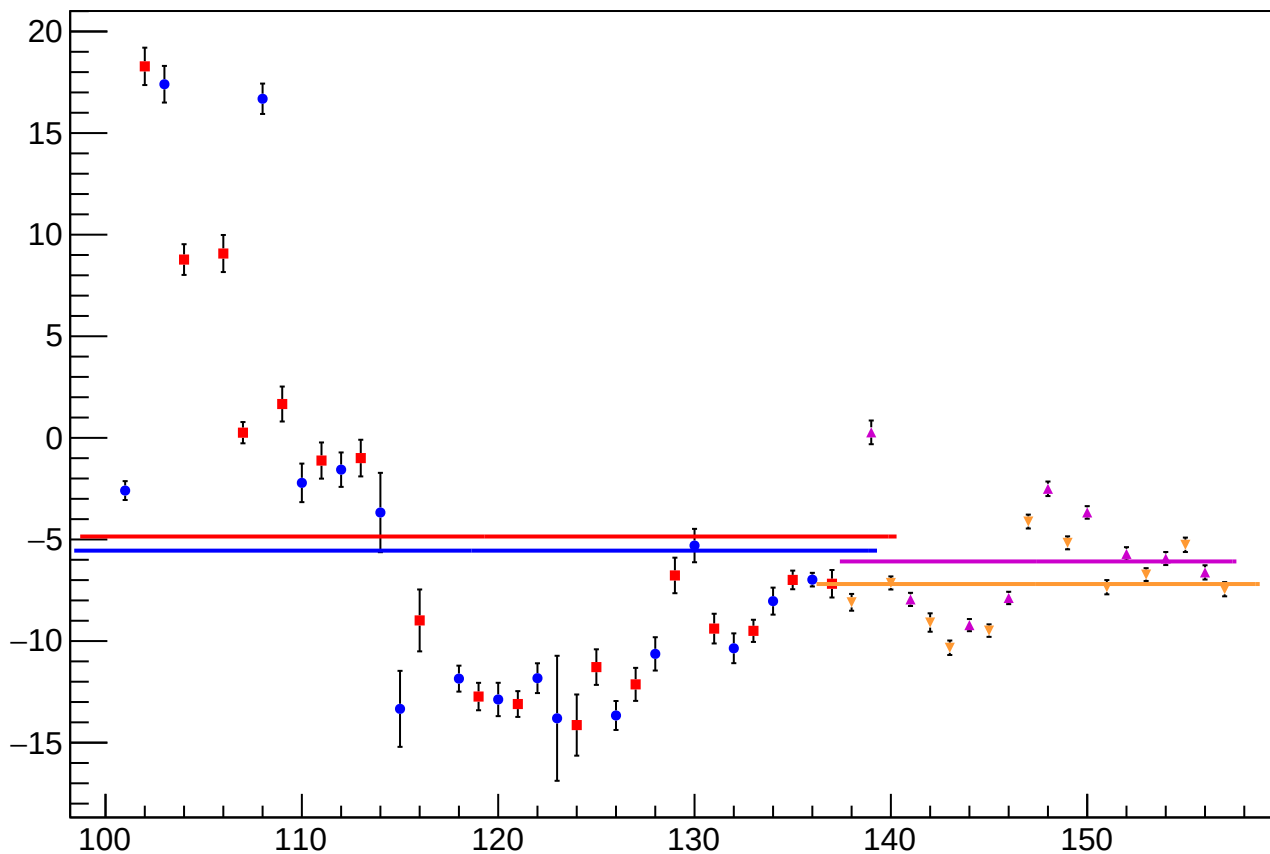
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -6.798 ± 0.116 $\chi^2/\text{NDF}: 3615.2/25$

Out: -6.973 ± 0.112 $\chi^2/\text{NDF}: 3973.5/28$

All: -6.889 ± 0.081 $\chi^2/\text{NDF}: 7589.9/54$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.193 ± 0.105 χ^2/NDF : 308.2/10

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.082 ± 0.112 χ^2/NDF : 460.6/8

Left: -6.676 ± 0.077 χ^2/NDF : 821.3/19

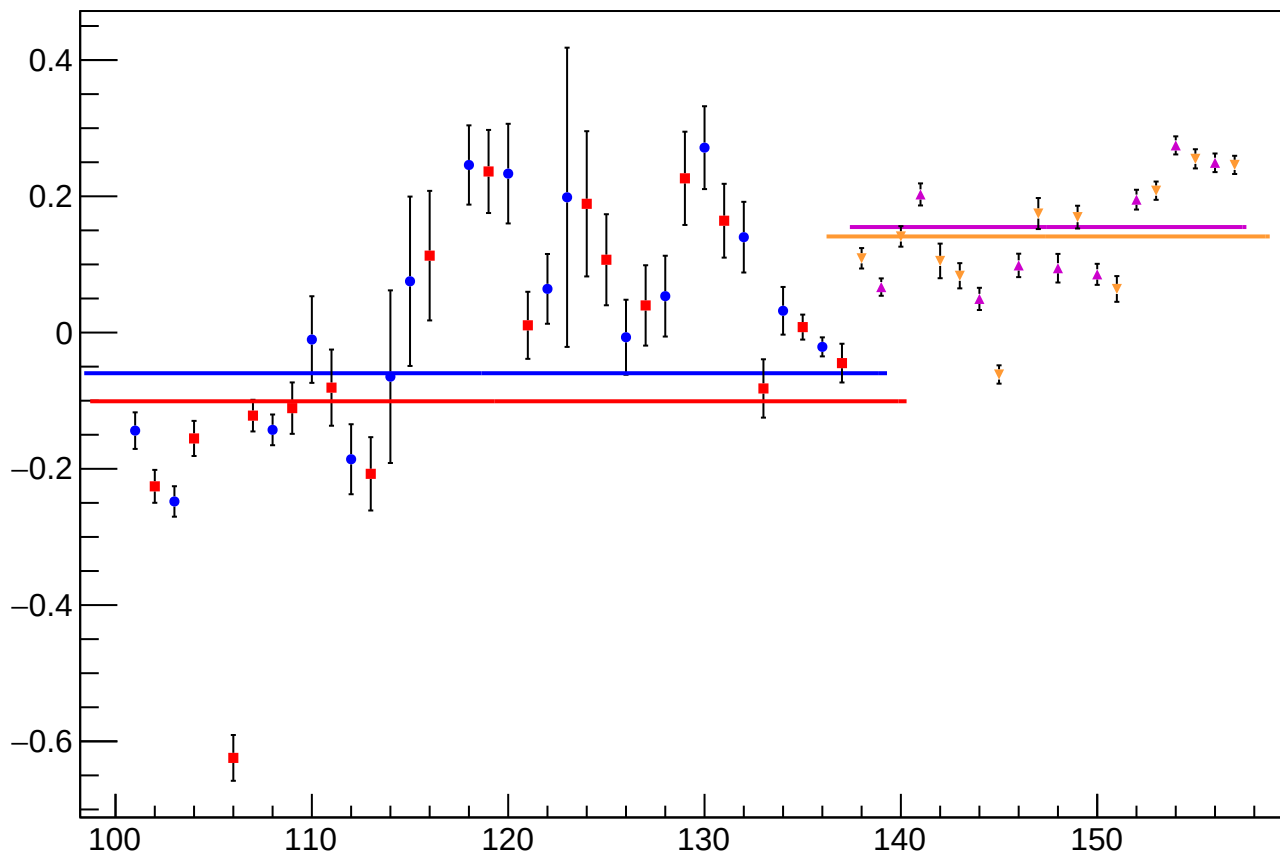
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.920 ± 0.094 χ^2/NDF : 2594.0/25

Out: -6.566 ± 0.090 χ^2/NDF : 2455.3/28

All: -6.257 ± 0.065 χ^2/NDF : 5074.1/54

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.141 ± 0.005 χ^2/NDF : 417.4/10

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.155 ± 0.005 χ^2/NDF : 274.4/8

Left: 0.148 ± 0.003 χ^2/NDF : 695.8/19

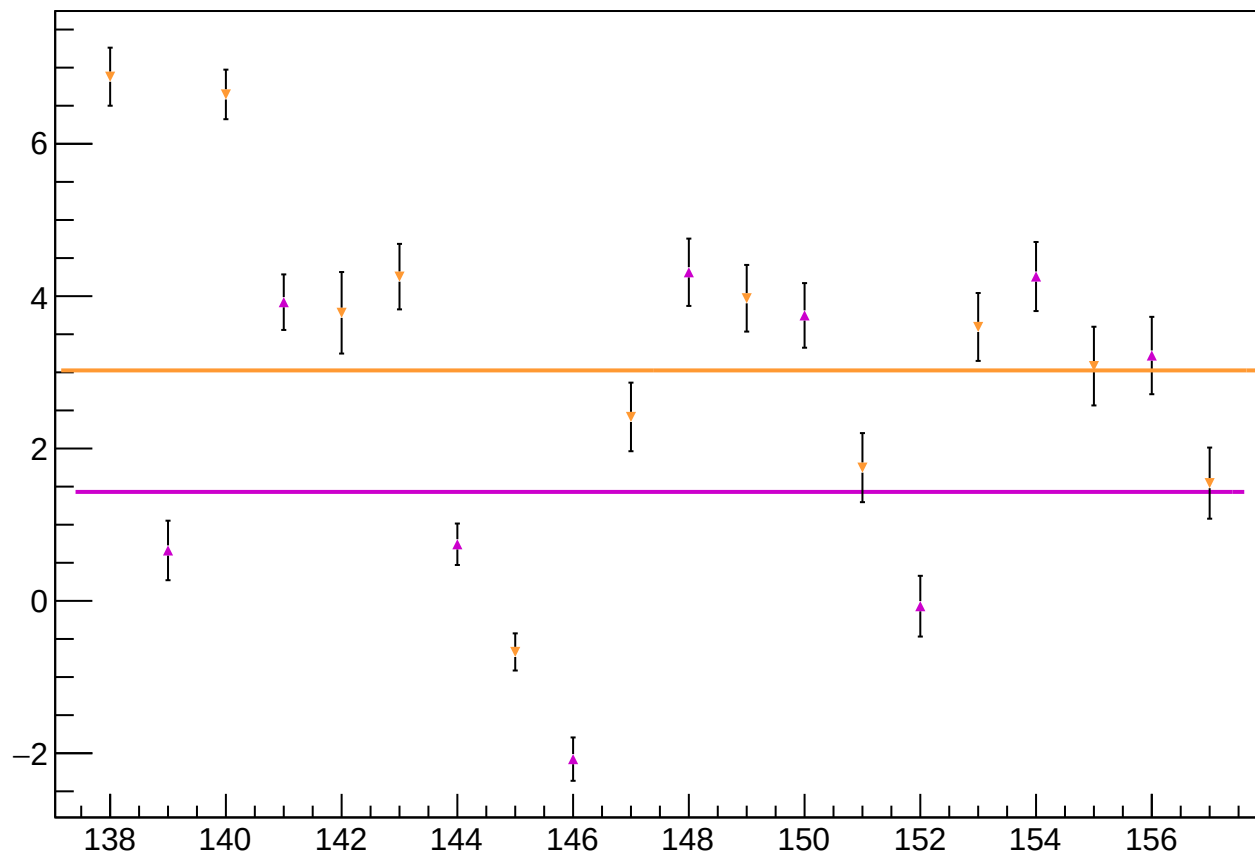
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.098 ± 0.004 χ^2/NDF : 971.2/25

Out: 0.082 ± 0.004 χ^2/NDF : 1466.3/28

All: 0.090 ± 0.003 χ^2/NDF : 2444.6/54

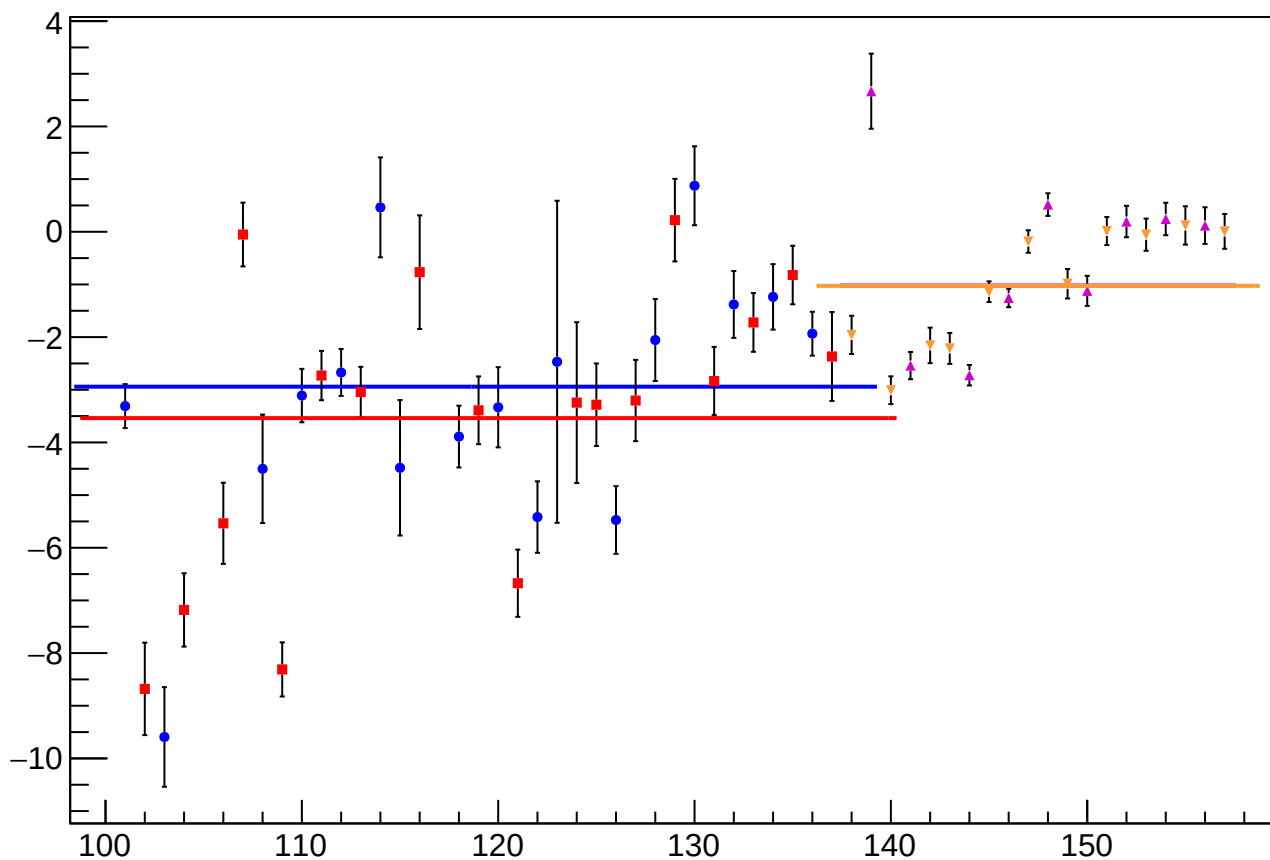
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.025 $\pm$ 0.119 χ^2 /NDF:492.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.430 $\pm$ 0.123 χ^2 /NDF:346.8/8

Left: 2.256 $\pm$ 0.086 χ^2 /NDF: 925.7/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.430 $\pm$ 0.123 χ^2 /NDF:346.8/8
 Out: 3.025 $\pm$ 0.119 χ^2 /NDF:492.4/10
 All: 2.256 $\pm$ 0.086 χ^2 /NDF: 925.7/19

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.026 ± 0.083 $\chi^2/\text{NDF}: 151.5/10$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -1.020 ± 0.084 $\chi^2/\text{NDF}: 235.1/8$

Left: -1.023 ± 0.059 $\chi^2/\text{NDF}: 386.6/19$

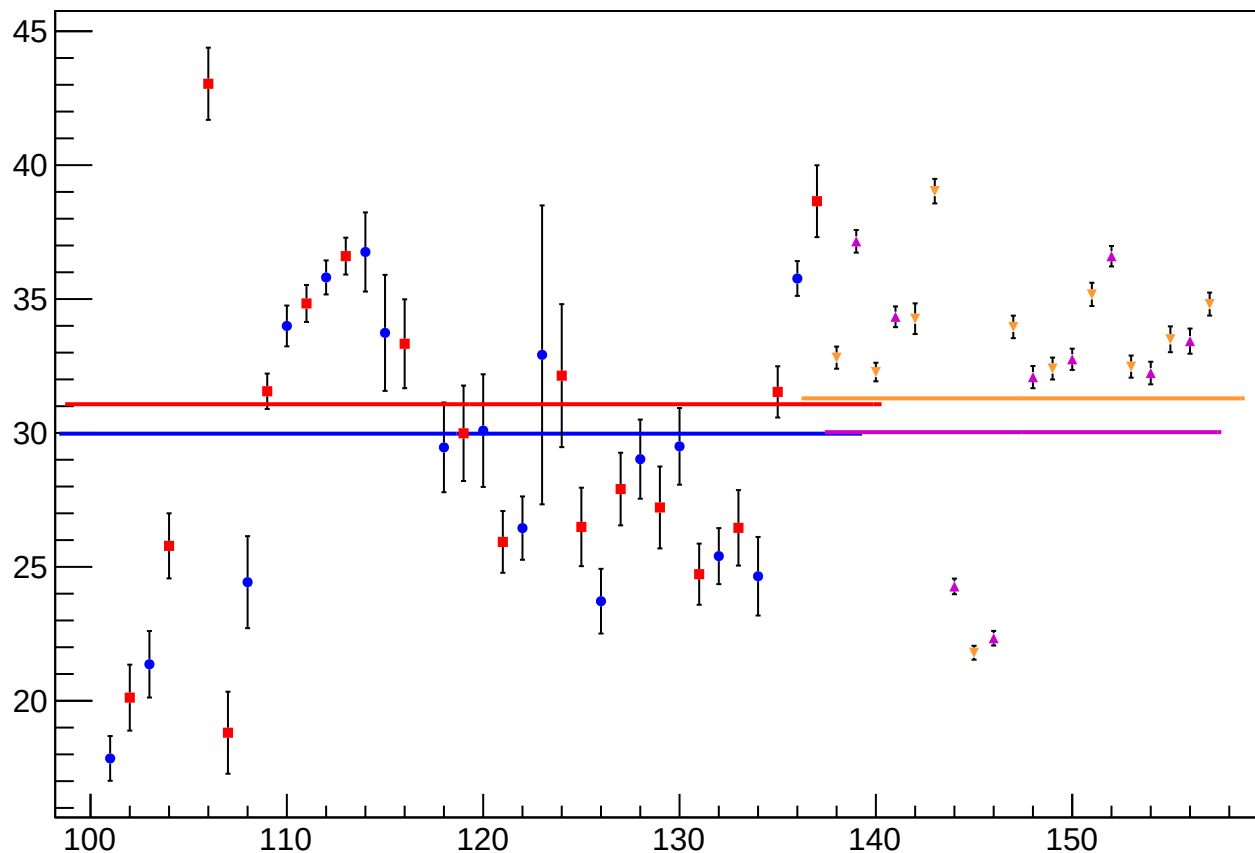
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -1.464 ± 0.074 $\chi^2/\text{NDF}: 500.0/25$

Out: -1.590 ± 0.073 $\chi^2/\text{NDF}: 639.7/28$

All: -1.528 ± 0.052 $\chi^2/\text{NDF}: 1141.2/54$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 31.292 $\pm$ 0.120 χ^2 /NDF:1895.0/10

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 30.031 $\pm$ 0.122 χ^2 /NDF:2040.2/8

Left: 30.674 $\pm$ 0.086 χ^2 /NDF: 3989.2/19

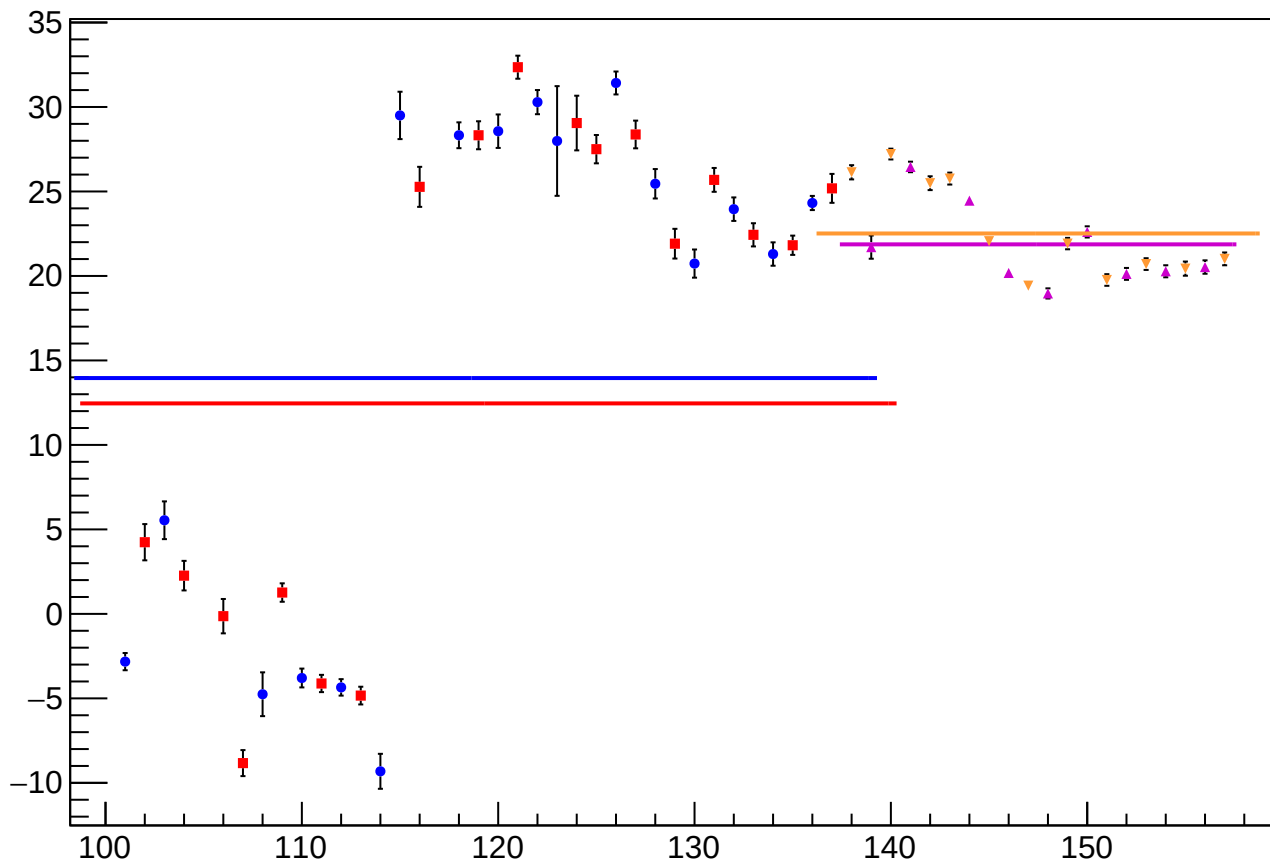
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 30.021 $\pm$ 0.111 χ^2 /NDF:2594.1/25

Out: 31.254 $\pm$ 0.109 χ^2 /NDF:2348.9/28

All: 30.650 $\pm$ 0.078 χ^2 /NDF: 5005.6/54

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.514 $\pm$ 0.101 χ^2 /NDF:675.9/10

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 21.870 $\pm$ 0.103 χ^2 /NDF:555.2/8

Left: 22.199 $\pm$ 0.072 χ^2 /NDF: 1251.1/19

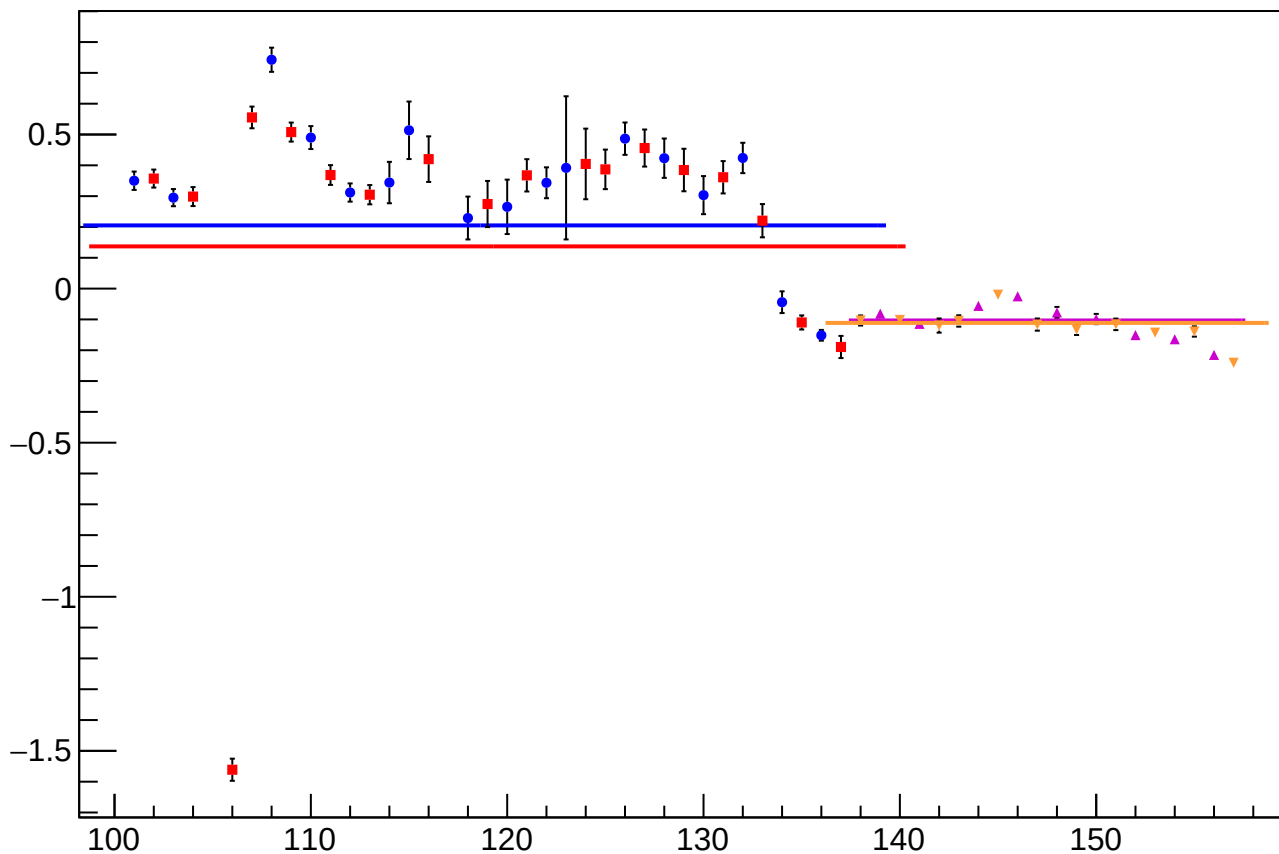
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.787 $\pm$ 0.088 χ^2 /NDF:9457.8/25

Out: 19.982 $\pm$ 0.087 χ^2 /NDF:10163.0/28

All: 19.886 $\pm$ 0.062 χ^2 /NDF: 19623.3/54

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.111 ± 0.005 $\chi^2/\text{NDF}: 170.4/10$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.103 ± 0.005 $\chi^2/\text{NDF}: 135.7/8$

Left: -0.108 ± 0.003 $\chi^2/\text{NDF}: 307.5/19$

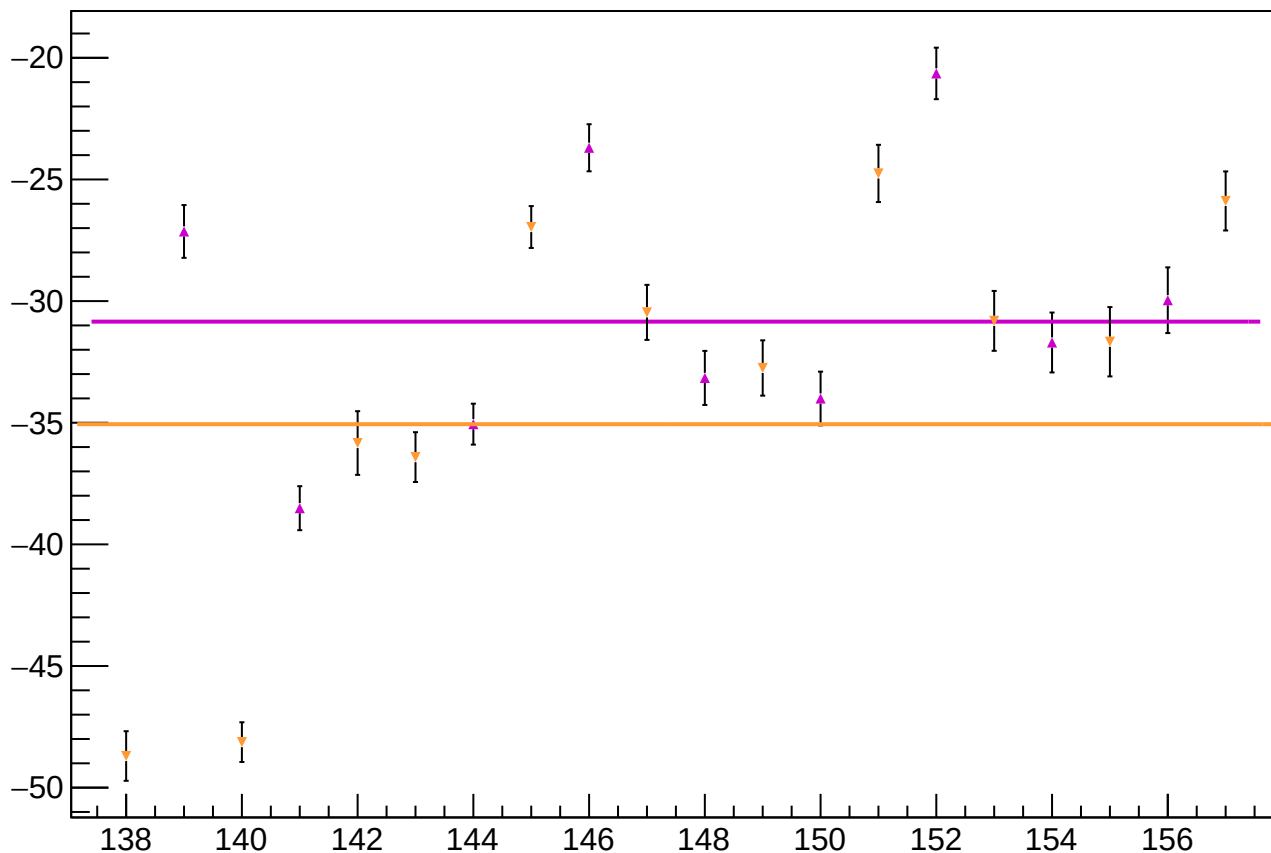
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.036 ± 0.004 $\chi^2/\text{NDF}: 1829.4/25$

Out: -0.059 ± 0.004 $\chi^2/\text{NDF}: 3751.0/28$

All: -0.048 ± 0.003 $\chi^2/\text{NDF}: 5594.5/54$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.061+/-0.325 χ^2/NDF : 698.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.844+/-0.347 χ^2/NDF : 269.5/8

Left: -33.092+/-0.237 χ^2/NDF : 1046.2/19

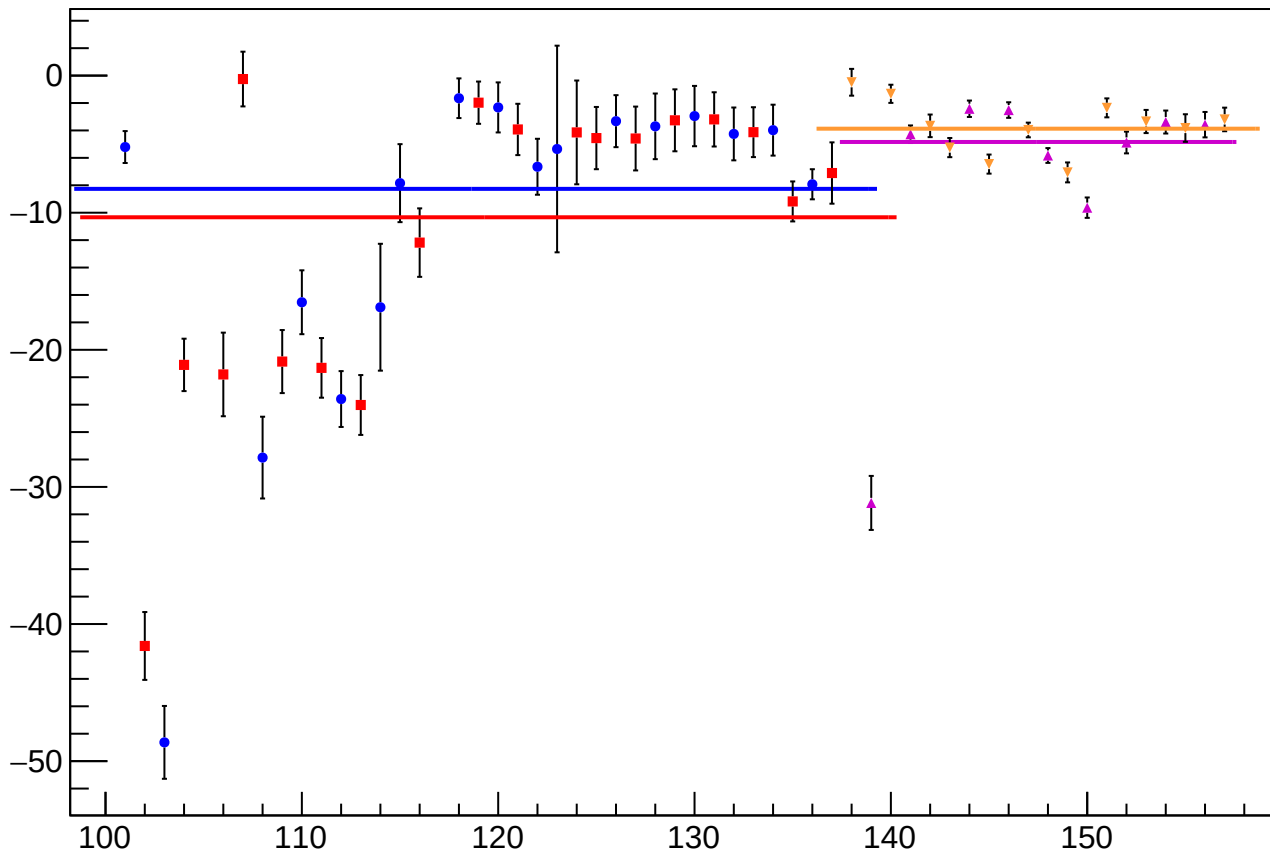
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.844+/-0.347 χ^2/NDF : 269.5/8

Out: -35.061+/-0.325 χ^2/NDF : 698.1/10

All: -33.092+/-0.237 χ^2/NDF : 1046.2/19

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.872 ± 0.223 χ^2/NDF : 69.6/10

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -4.841 ± 0.236 χ^2/NDF : 262.2/8

Left: -4.329 ± 0.162 χ^2/NDF : 340.7/19

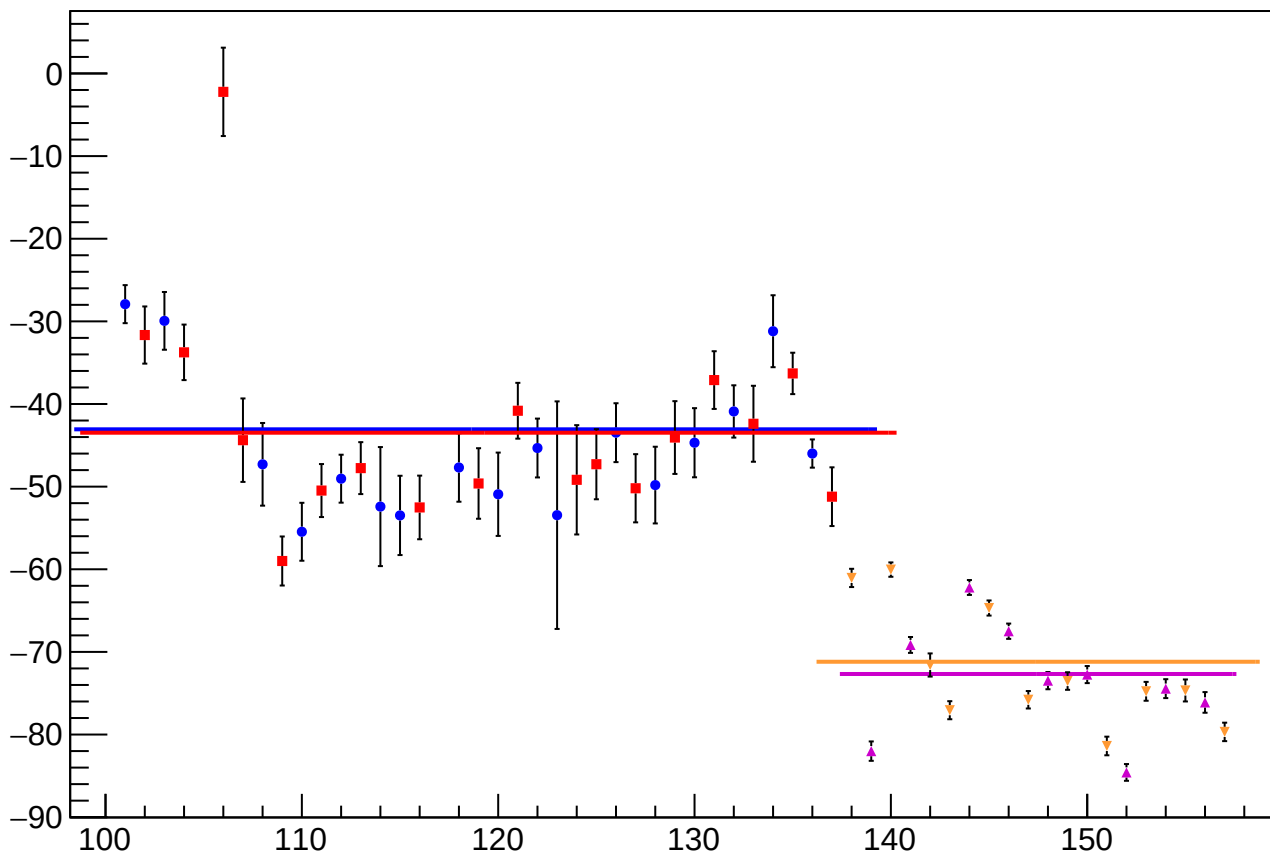
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -5.546 ± 0.210 χ^2/NDF : 717.5/25

Out: -4.976 ± 0.203 χ^2/NDF : 624.1/28

All: -5.251 ± 0.146 χ^2/NDF : 1345.4/54

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

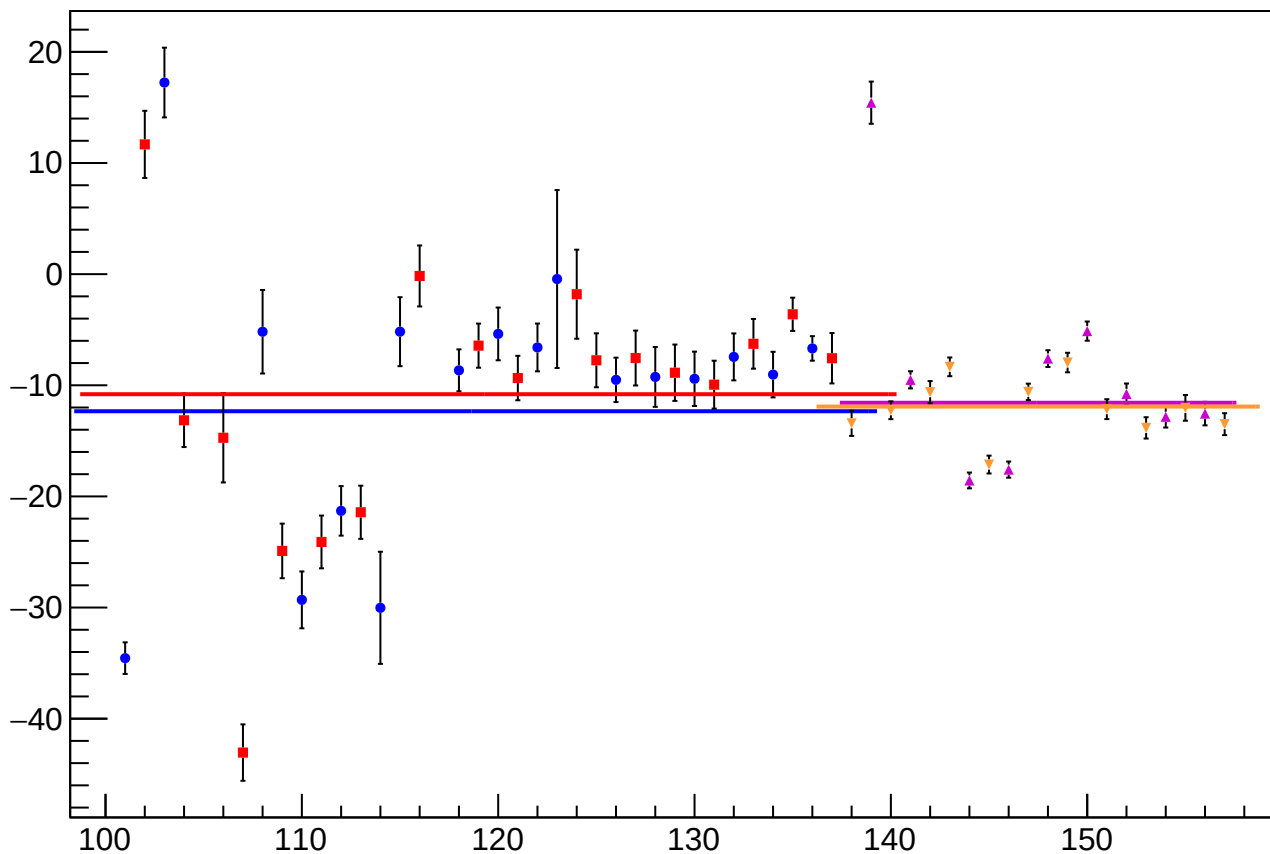


Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.191 ± 0.326 $\chi^2/\text{NDF}: 508.3/10$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -72.673 ± 0.344 $\chi^2/\text{NDF}: 391.8/8$

Left: -71.892 ± 0.237 $\chi^2/\text{NDF}: 909.9/19$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -68.377 ± 0.318 $\chi^2/\text{NDF}: 1564.9/25$
 Out: -67.763 ± 0.306 $\chi^2/\text{NDF}: 1542.7/28$

All: -68.058 ± 0.220 $\chi^2/\text{NDF}: 3109.6/54$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.916 ± 0.272 $\chi^2/\text{NDF}: 94.1/10$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -11.572 ± 0.289 $\chi^2/\text{NDF}: 461.5/8$

Left: -11.754 ± 0.198 $\chi^2/\text{NDF}: 556.3/19$

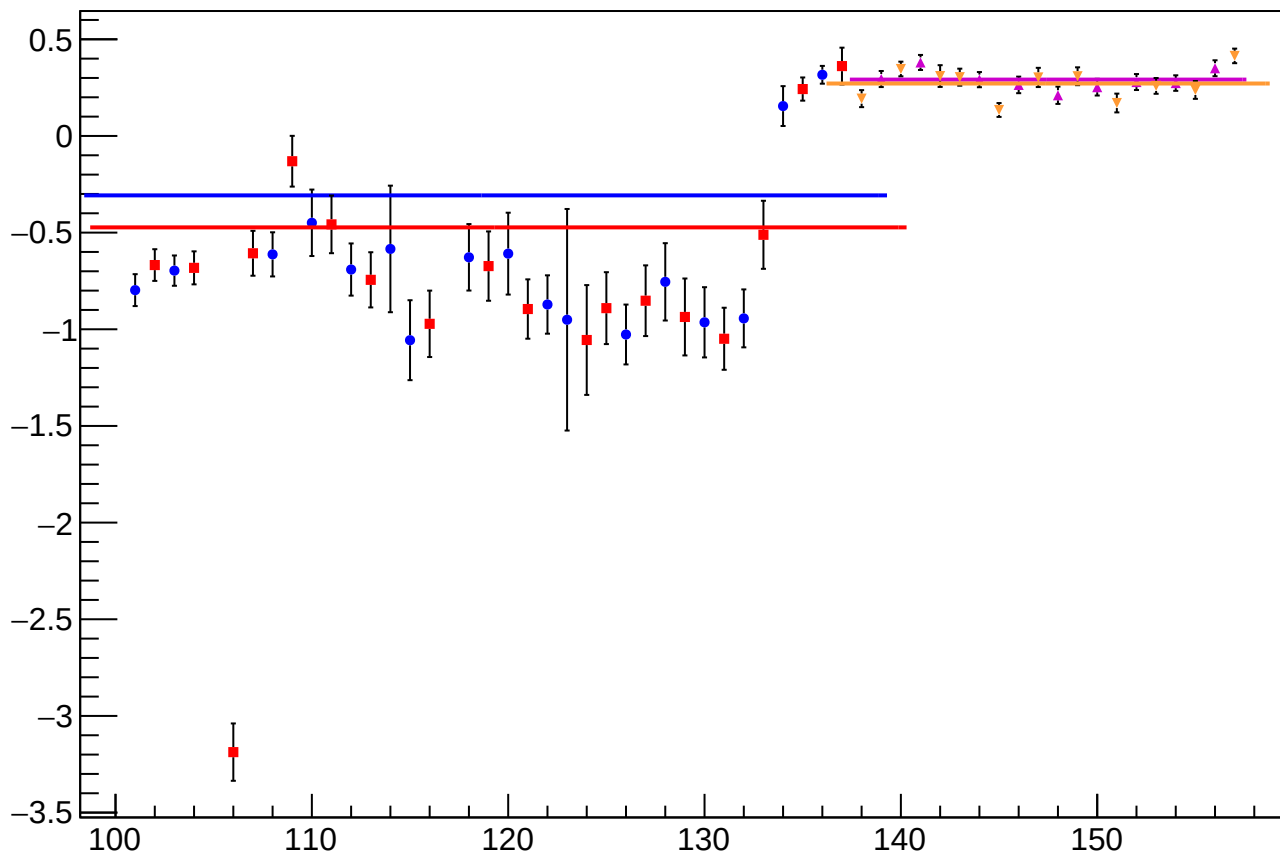
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -11.752 ± 0.252 $\chi^2/\text{NDF}: 938.3/25$

Out: -11.700 ± 0.244 $\chi^2/\text{NDF}: 458.7/28$

All: -11.725 ± 0.175 $\chi^2/\text{NDF}: 1397.0/54$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.271 ± 0.013 χ^2/NDF : 43.0/10

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.291 ± 0.014 χ^2/NDF : 12.0/8

Left: 0.281 ± 0.009 χ^2/NDF : 56.2/19

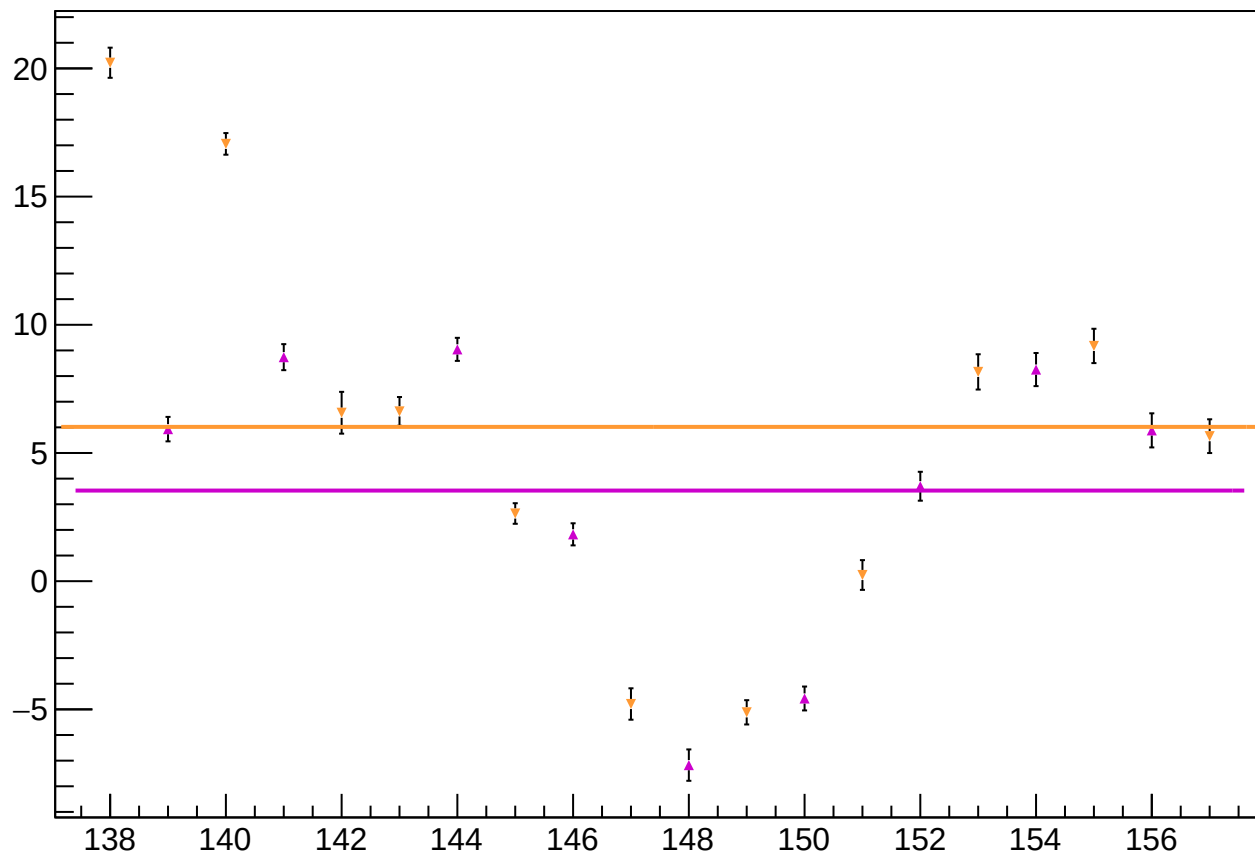
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.171 ± 0.012 χ^2/NDF : 762.7/25

Out: 0.144 ± 0.012 χ^2/NDF : 1229.7/28

All: 0.157 ± 0.009 χ^2/NDF : 1995.0/54

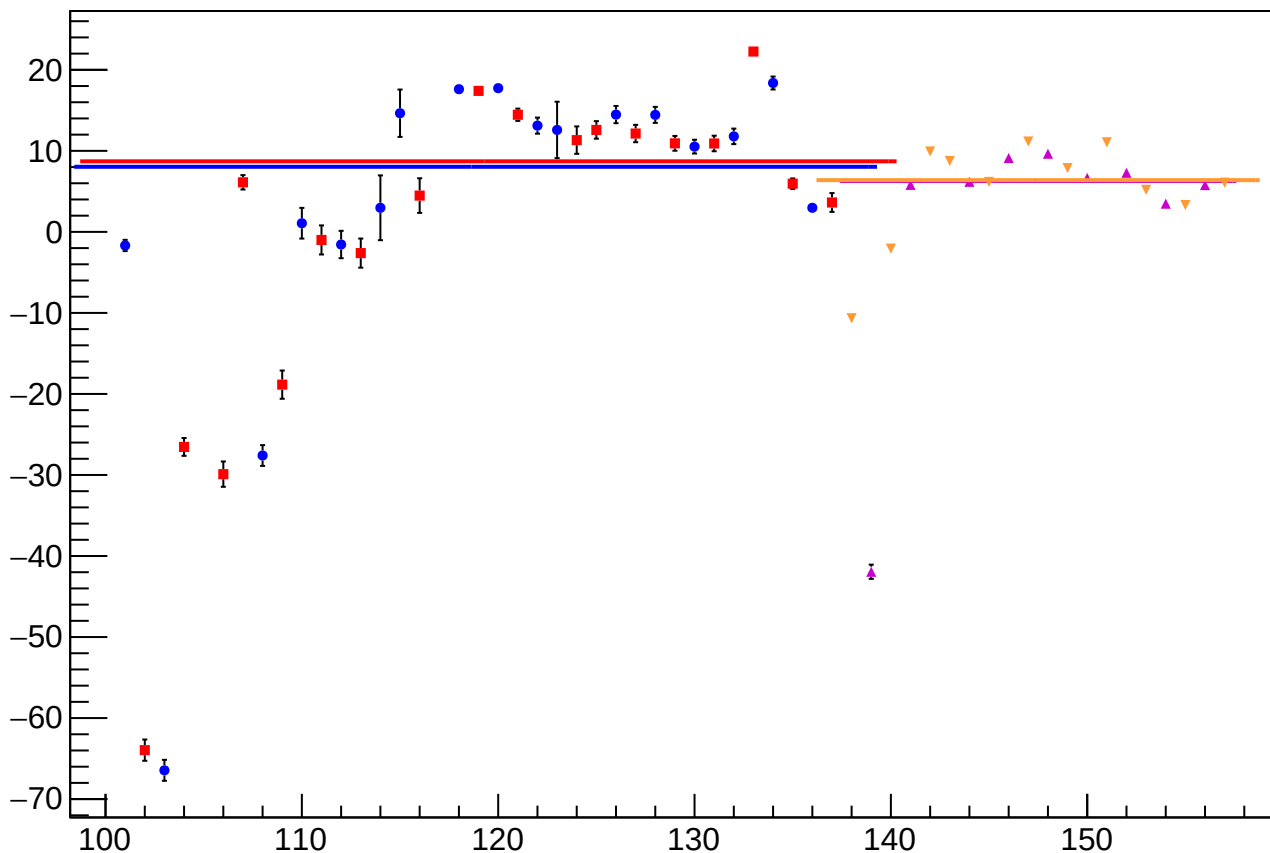
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.018 $\pm$ 0.166 χ^2 /NDF:2335.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.534 $\pm$ 0.172 χ^2 /NDF:971.2/8

Left: 4.820 $\pm$ 0.120 χ^2 /NDF: 3414.3/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.534 $\pm$ 0.172 χ^2 /NDF:971.2/8
 Out: 6.018 $\pm$ 0.166 χ^2 /NDF:2335.6/10
 All: 4.820 $\pm$ 0.120 χ^2 /NDF: 3414.3/19

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: 6.386 ± 0.116 $\chi^2/\text{NDF}: 2004.7/10$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 6.274 ± 0.121 $\chi^2/\text{NDF}: 3285.5/8$

Left: 6.333 ± 0.084 $\chi^2/\text{NDF}: 5290.6/19$

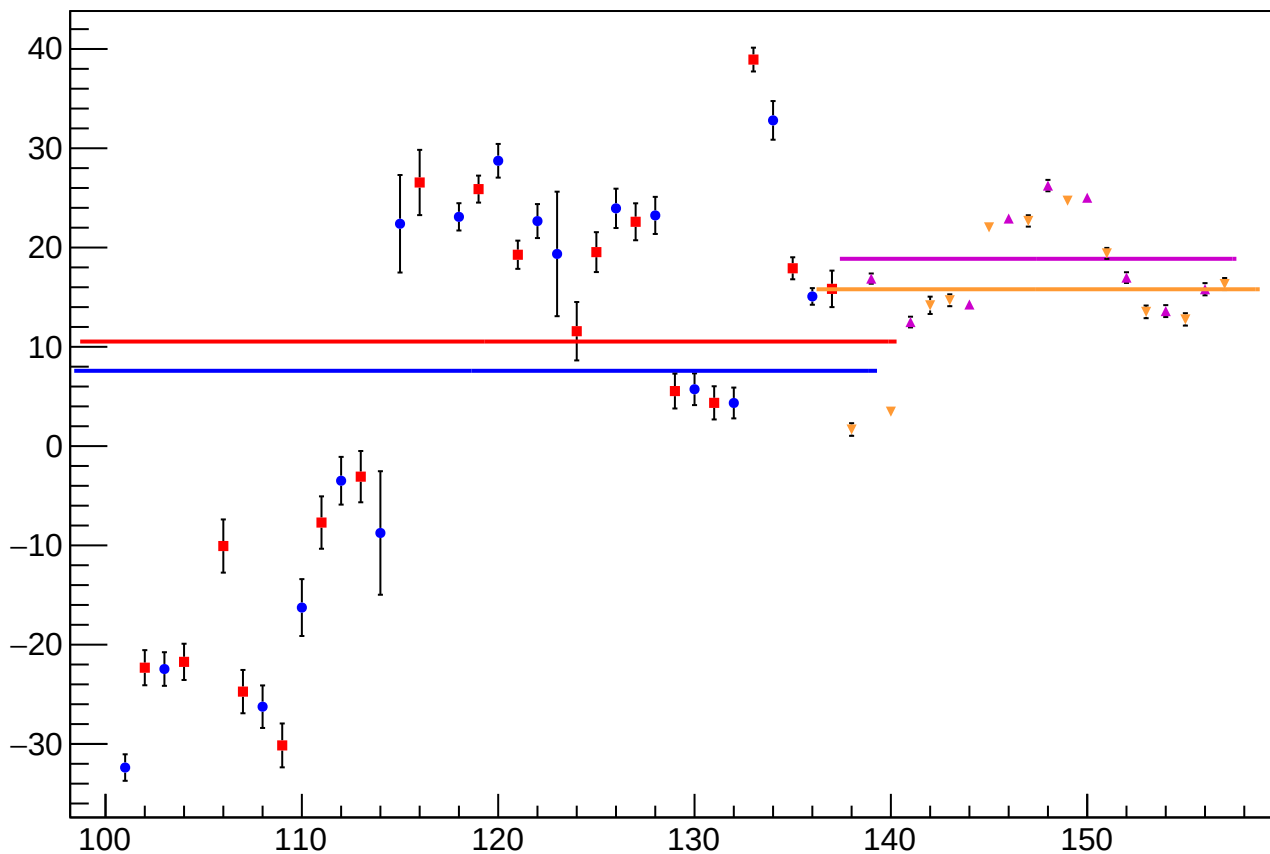
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 6.699 ± 0.106 $\chi^2/\text{NDF}: 8706.5/25$

Out: 6.914 ± 0.102 $\chi^2/\text{NDF}: 8386.6/28$

All: 6.810 ± 0.073 $\chi^2/\text{NDF}: 17095.2/54$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 15.798 ± 0.166 χ^2/NDF : 2095.7/10

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 18.866 ± 0.170 χ^2/NDF : 820.1/8

Left: 17.295 ± 0.119 χ^2/NDF : 3082.2/19

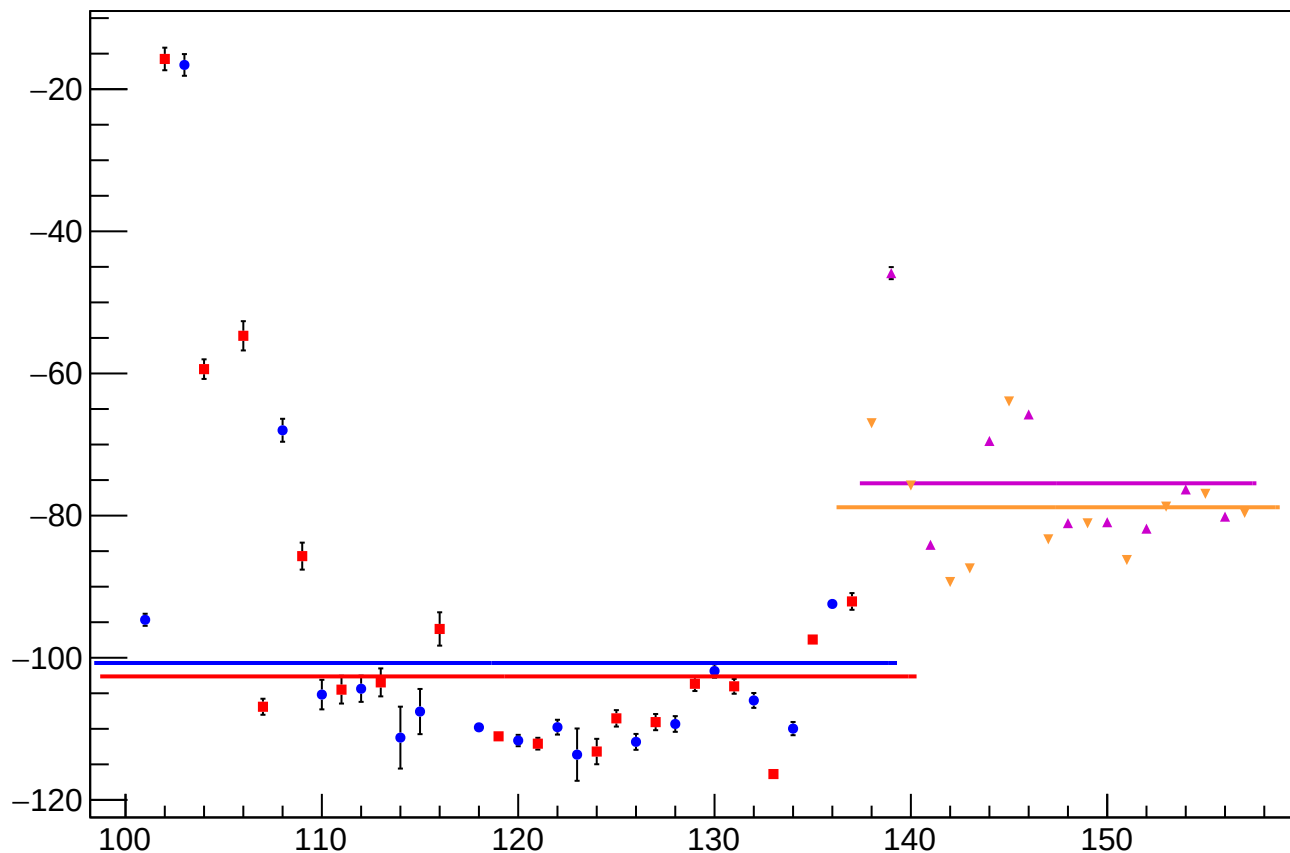
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 17.249 ± 0.158 χ^2/NDF : 3772.0/25

Out: 15.078 ± 0.154 χ^2/NDF : 4512.5/28

All: 16.141 ± 0.110 χ^2/NDF : 8381.4/54

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -78.825 ± 0.140 χ^2/NDF : 2988.2/10

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -75.453 ± 0.146 χ^2/NDF : 3299.7/8

Left: -77.213 ± 0.101 χ^2/NDF : 6565.1/19

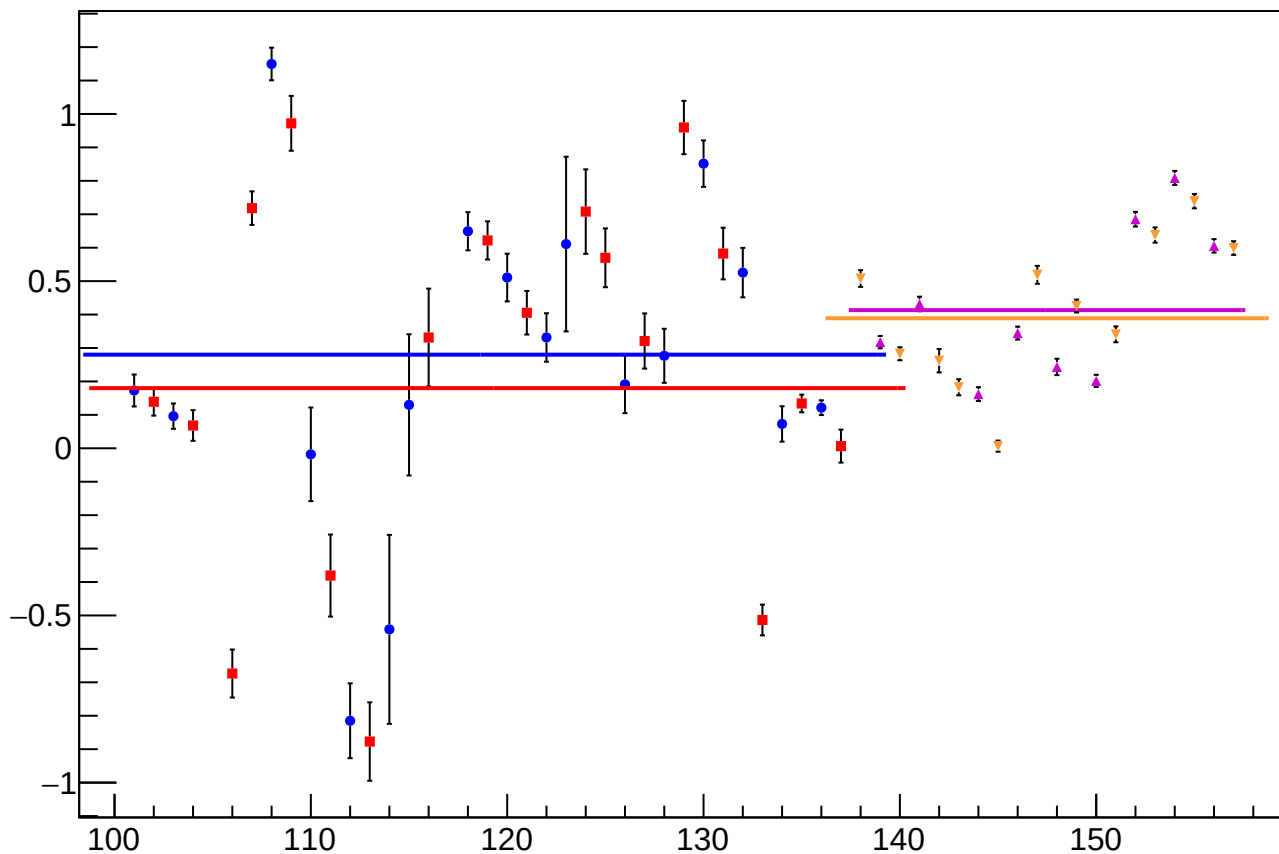
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -81.971 ± 0.126 χ^2/NDF : 15515.3/25

Out: -84.645 ± 0.122 χ^2/NDF : 15769.8/28

All: -83.355 ± 0.088 χ^2/NDF : 31517.9/54

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.389 $\pm$ 0.007 χ^2 /NDF:1185.6/10

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.413 $\pm$ 0.007 χ^2 /NDF:966.7/8

Left: 0.401 $\pm$ 0.005 χ^2 /NDF: 2158.8/19

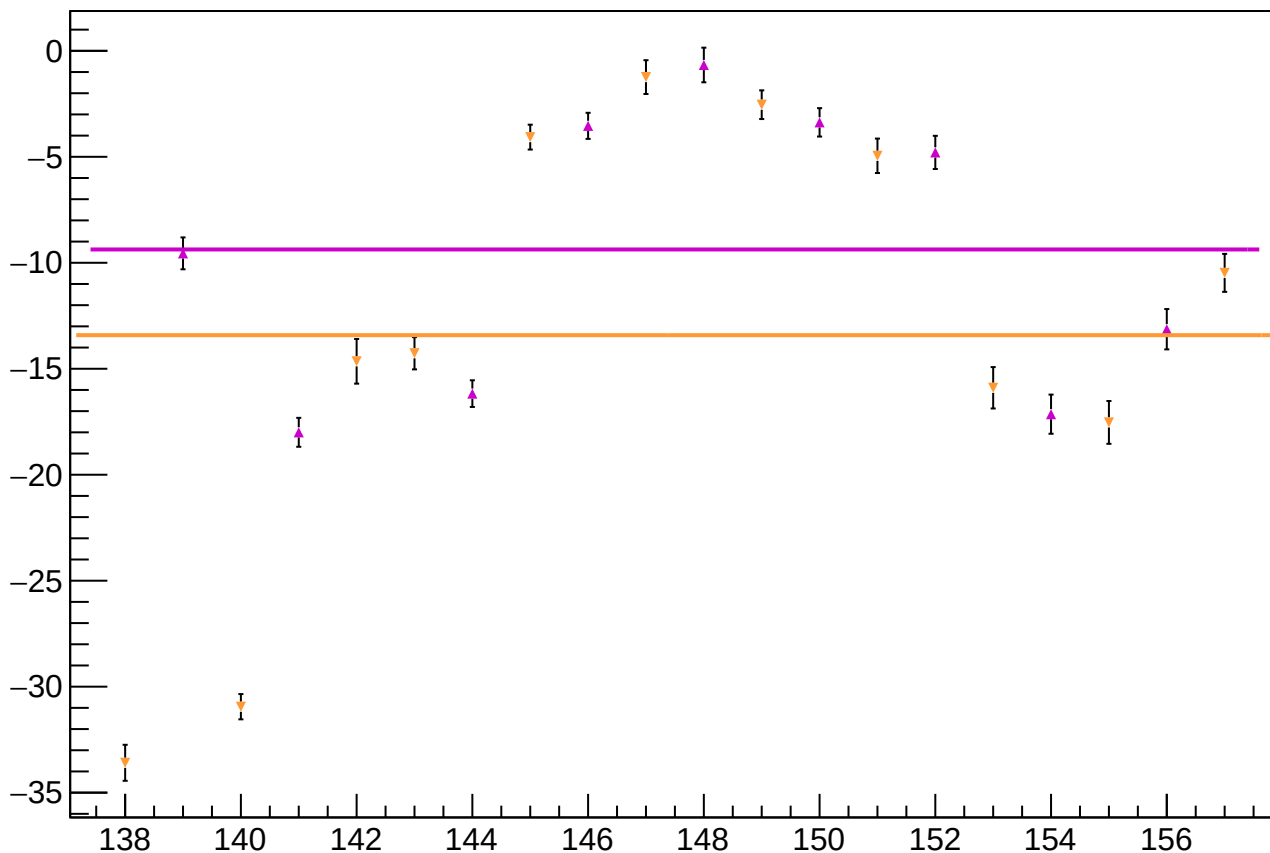
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.386 $\pm$ 0.006 χ^2 /NDF:1700.8/25

Out: 0.348 $\pm$ 0.006 χ^2 /NDF:2316.1/28

All: 0.367 $\pm$ 0.004 χ^2 /NDF: 4036.6/54

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.416+/-0.234 χ^2/NDF :2319.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.372+/-0.245 χ^2/NDF :680.7/8

Left: -11.484+/-0.169 χ^2/NDF : 3142.9/19

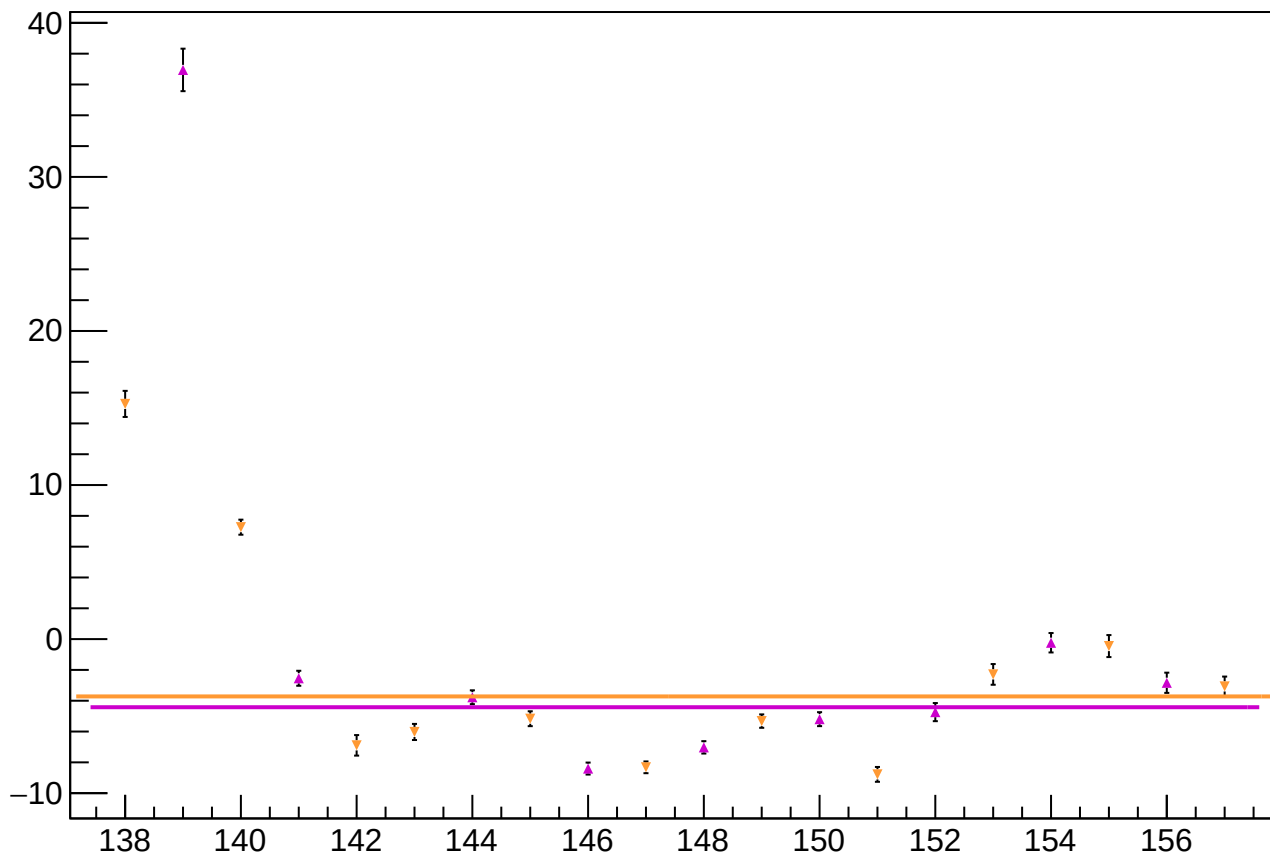
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.372+/-0.245 χ^2/NDF :680.7/8

Out: -13.416+/-0.234 χ^2/NDF :2319.4/10

All: -11.484+/-0.169 χ^2/NDF : 3142.9/19

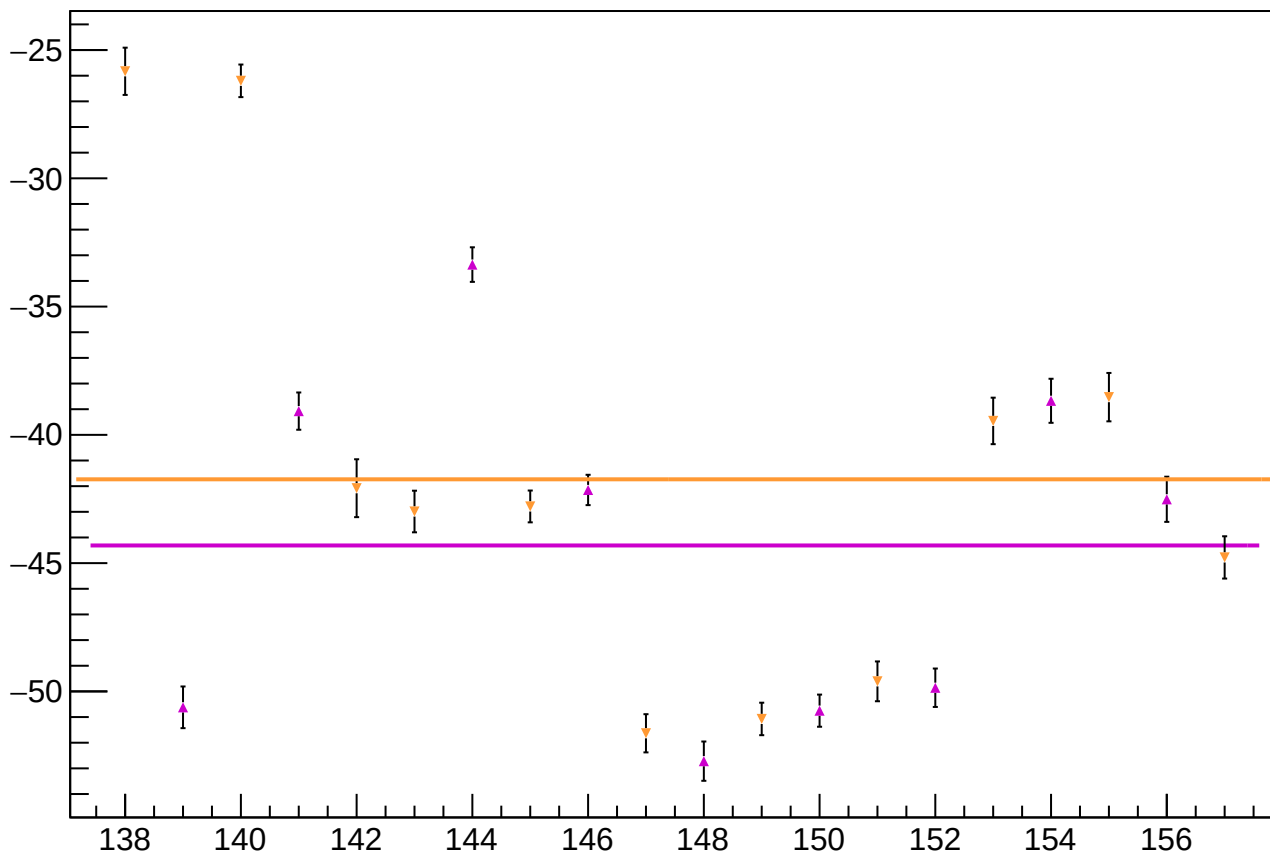
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.721+/-0.160 χ^2/NDF :1354.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.421+/-0.169 χ^2/NDF :1116.5/8

Left: -4.053+/-0.116 χ^2/NDF : 2480.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.421+/-0.169 χ^2/NDF :1116.5/8
 Out: -3.721+/-0.160 χ^2/NDF :1354.5/10
 All: -4.053+/-0.116 χ^2/NDF : 2480.1/19

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.733 ± 0.234 χ^2/NDF : 1431.3/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -44.311 ± 0.241 χ^2/NDF : 718.0/8

Left: -42.979 ± 0.168 χ^2/NDF : 2208.2/19

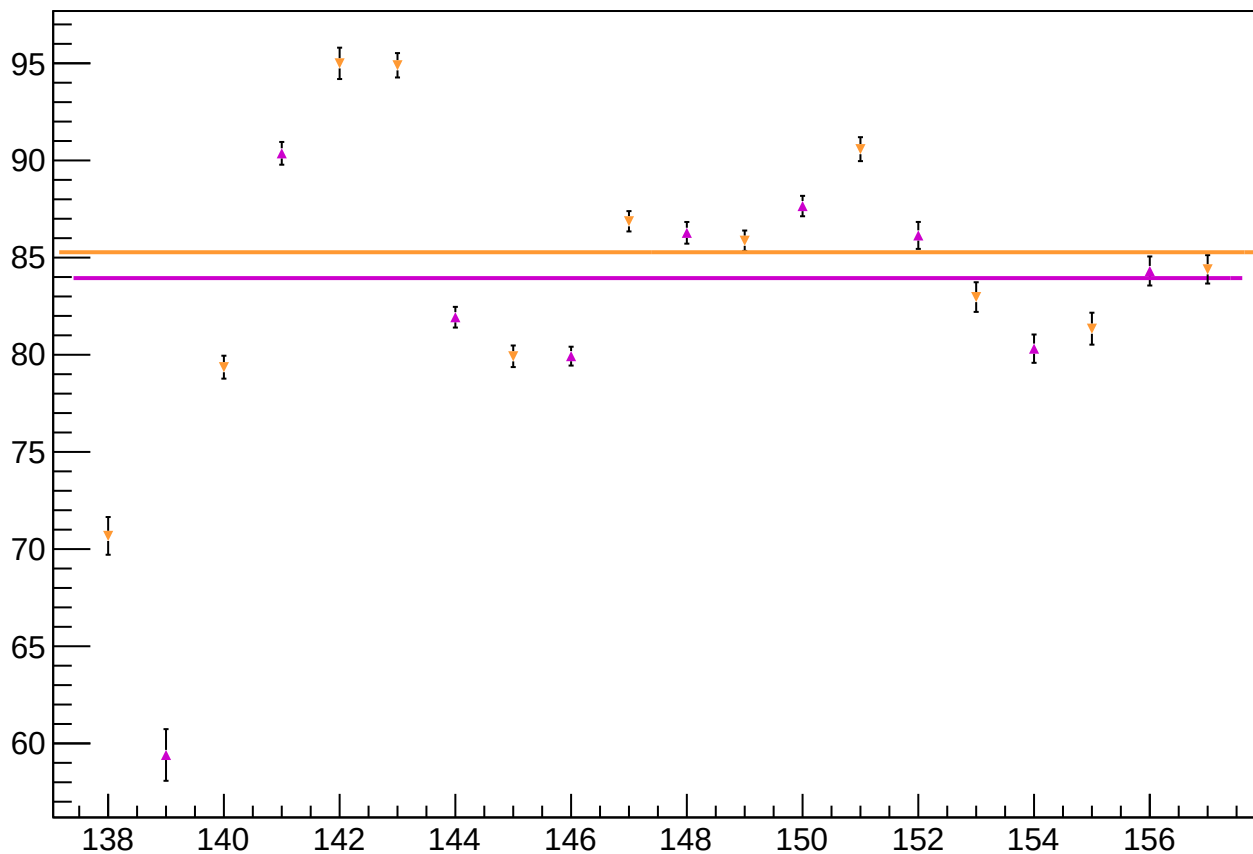
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -44.311 ± 0.241 χ^2/NDF : 718.0/8

Out: -41.733 ± 0.234 χ^2/NDF : 1431.3/10

All: -42.979 ± 0.168 χ^2/NDF : 2208.2/19

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 85.276+/-0.195 χ^2/NDF : 917.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 83.945+/-0.205 χ^2/NDF : 646.1/8

Left: 84.642+/-0.141 χ^2/NDF : 1586.0/19

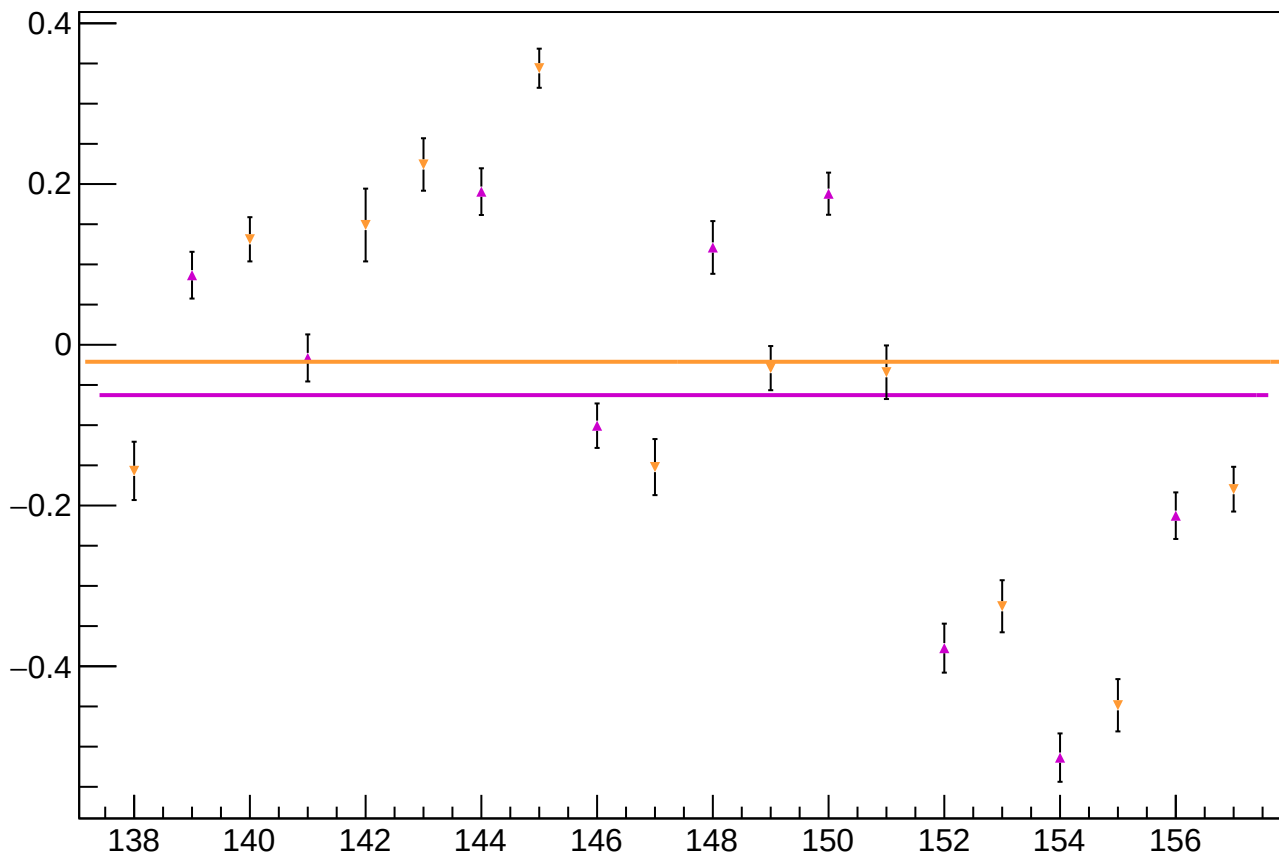
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.945+/-0.205 χ^2/NDF : 646.1/8

Out: 85.276+/-0.195 χ^2/NDF : 917.8/10

All: 84.642+/-0.141 χ^2/NDF : 1586.0/19

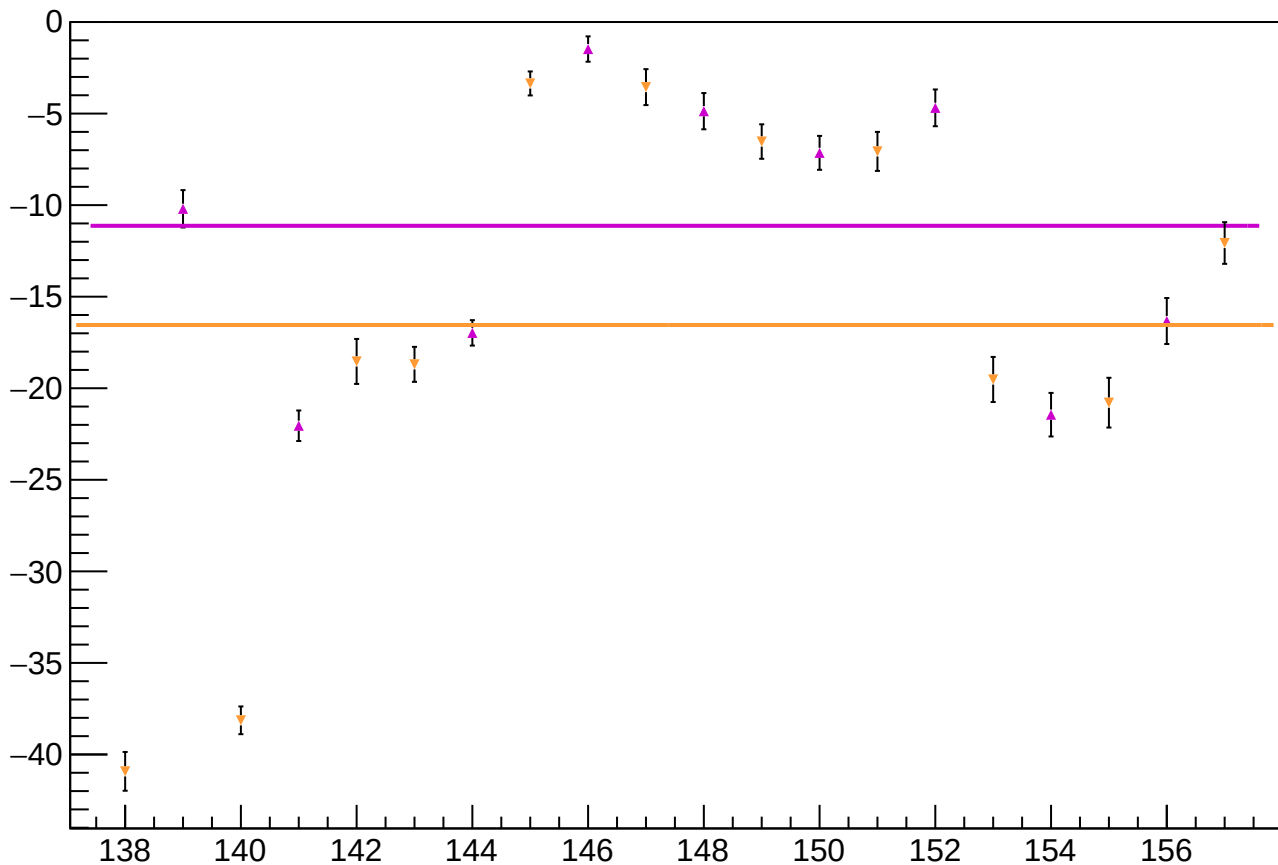
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.063+/-0.010 χ^2/NDF : 587.5/8

Left: -0.041+/-0.007 χ^2/NDF : 1244.8/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.063+/-0.010 χ^2/NDF : 587.5/8
 Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 All: -0.041+/-0.007 χ^2/NDF : 1244.8/19

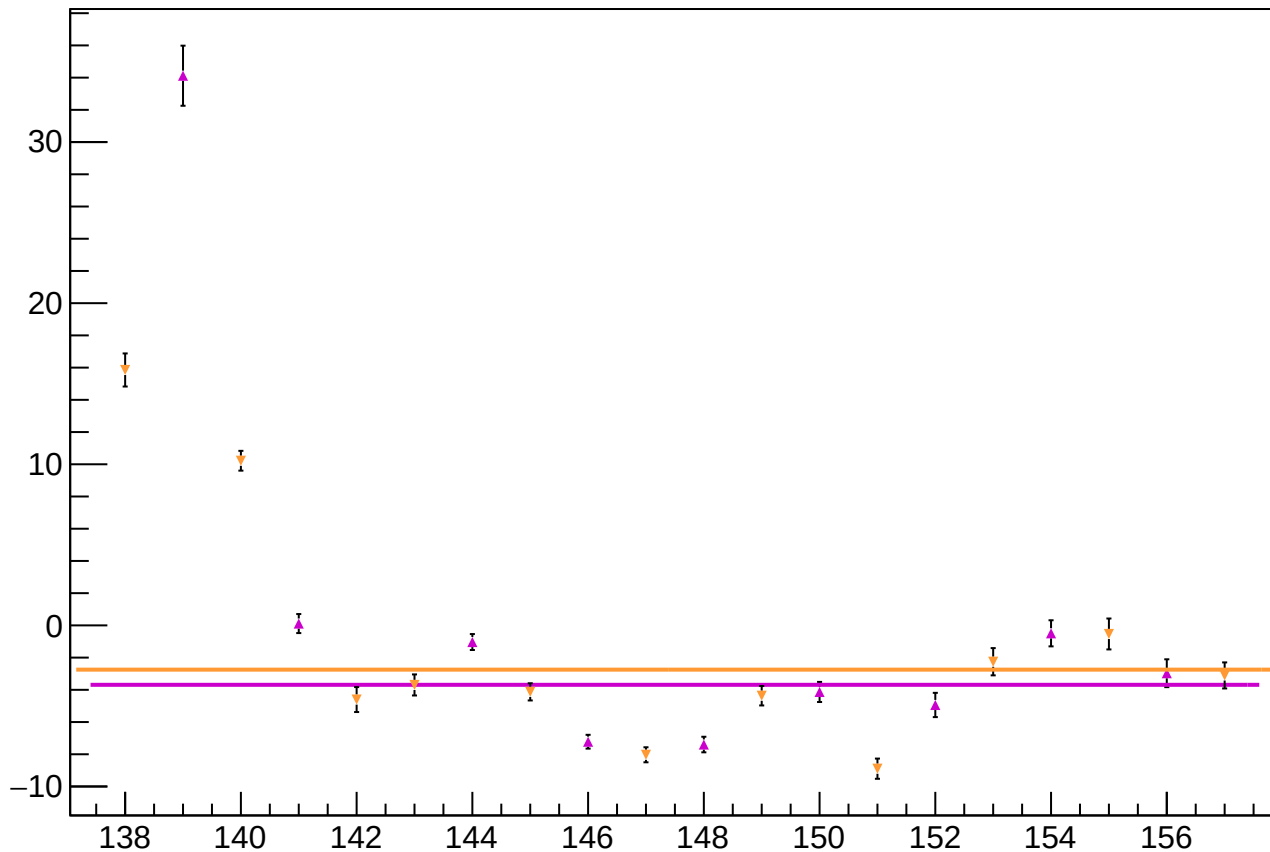
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.547+/-0.292 χ^2/NDF :2155.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.128+/-0.300 χ^2/NDF :630.1/8

Left: -13.916+/-0.209 χ^2/NDF : 2953.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.128+/-0.300 χ^2/NDF :630.1/8
 Out: -16.547+/-0.292 χ^2/NDF :2155.9/10
 All: -13.916+/-0.209 χ^2/NDF : 2953.5/19

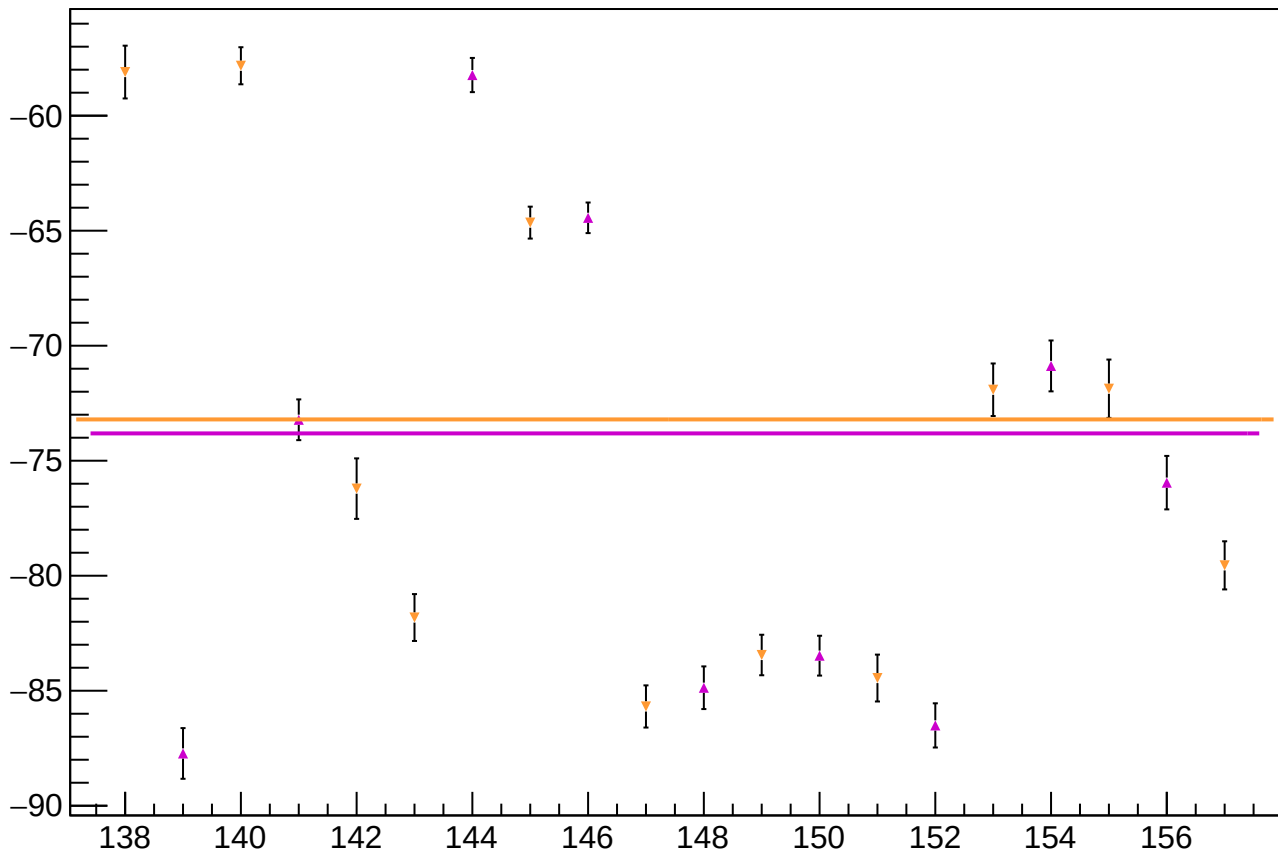
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.747+/-0.200 χ^2/NDF :1025.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.689+/-0.203 χ^2/NDF :627.5/8

Left: -3.210+/-0.143 χ^2/NDF : 1663.7/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.689+/-0.203 χ^2/NDF :627.5/8
 Out: -2.747+/-0.200 χ^2/NDF :1025.2/10
 All: -3.210+/-0.143 χ^2/NDF : 1663.7/19

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.205+/-0.293 χ^2/NDF :1247.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.813+/-0.297 χ^2/NDF :1249.3/8

Left: -73.504+/-0.209 χ^2/NDF : 2498.8/19

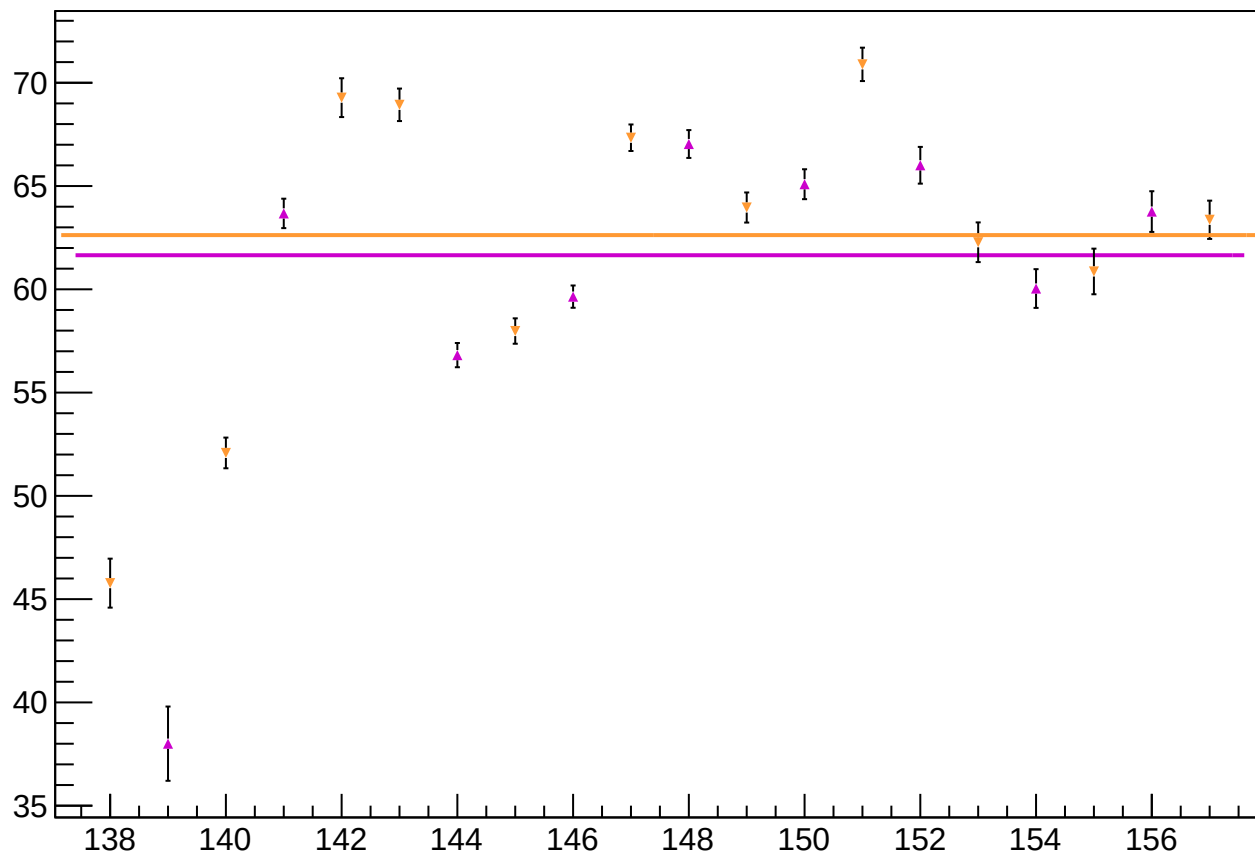
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.813+/-0.297 χ^2/NDF :1249.3/8

Out: -73.205+/-0.293 χ^2/NDF :1247.3/10

All: -73.504+/-0.209 χ^2/NDF : 2498.8/19

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 62.625+/-0.244 χ^2/NDF :740.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.650+/-0.249 χ^2/NDF :380.8/8

Left: 62.147+/-0.174 χ^2/NDF : 1128.7/19

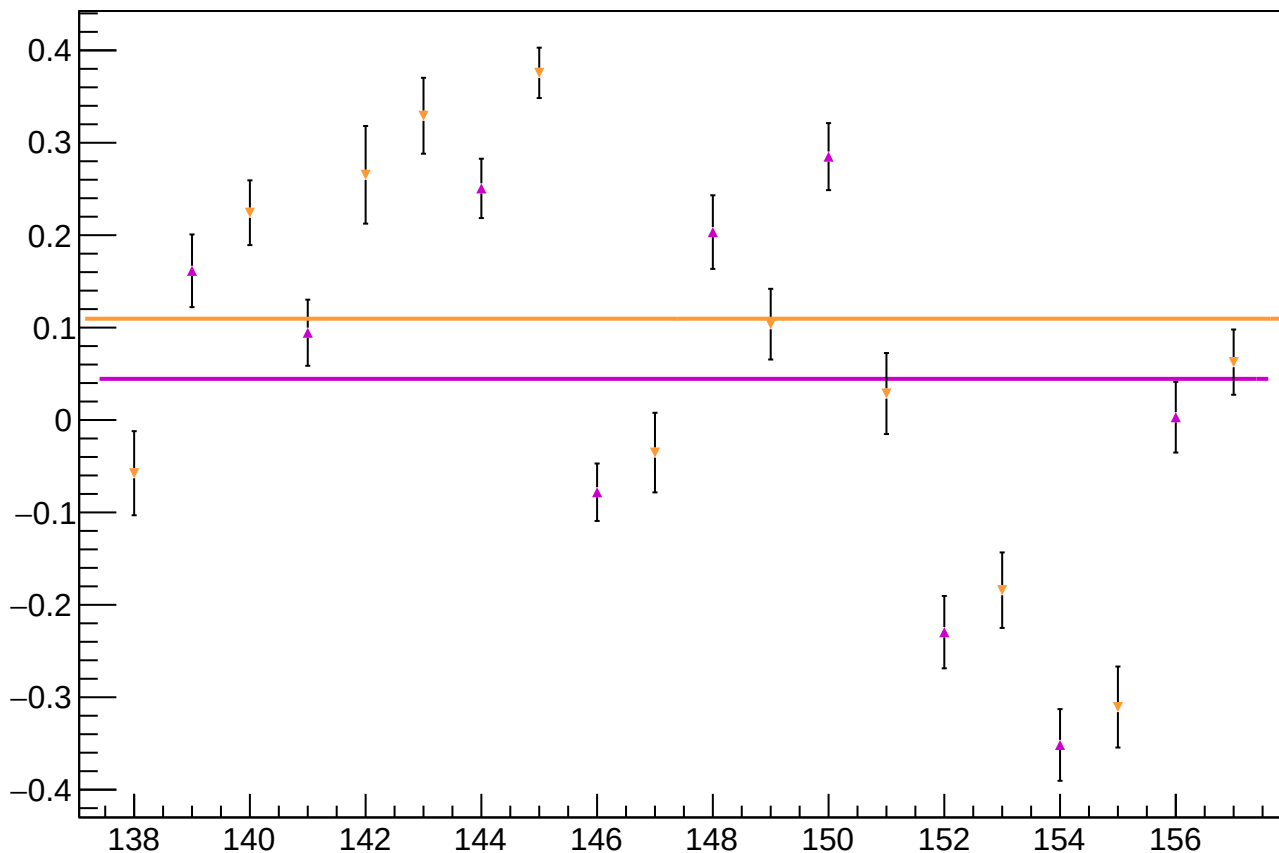
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.650+/-0.249 χ^2/NDF :380.8/8

Out: 62.625+/-0.244 χ^2/NDF :740.1/10

All: 62.147+/-0.174 χ^2/NDF : 1128.7/19

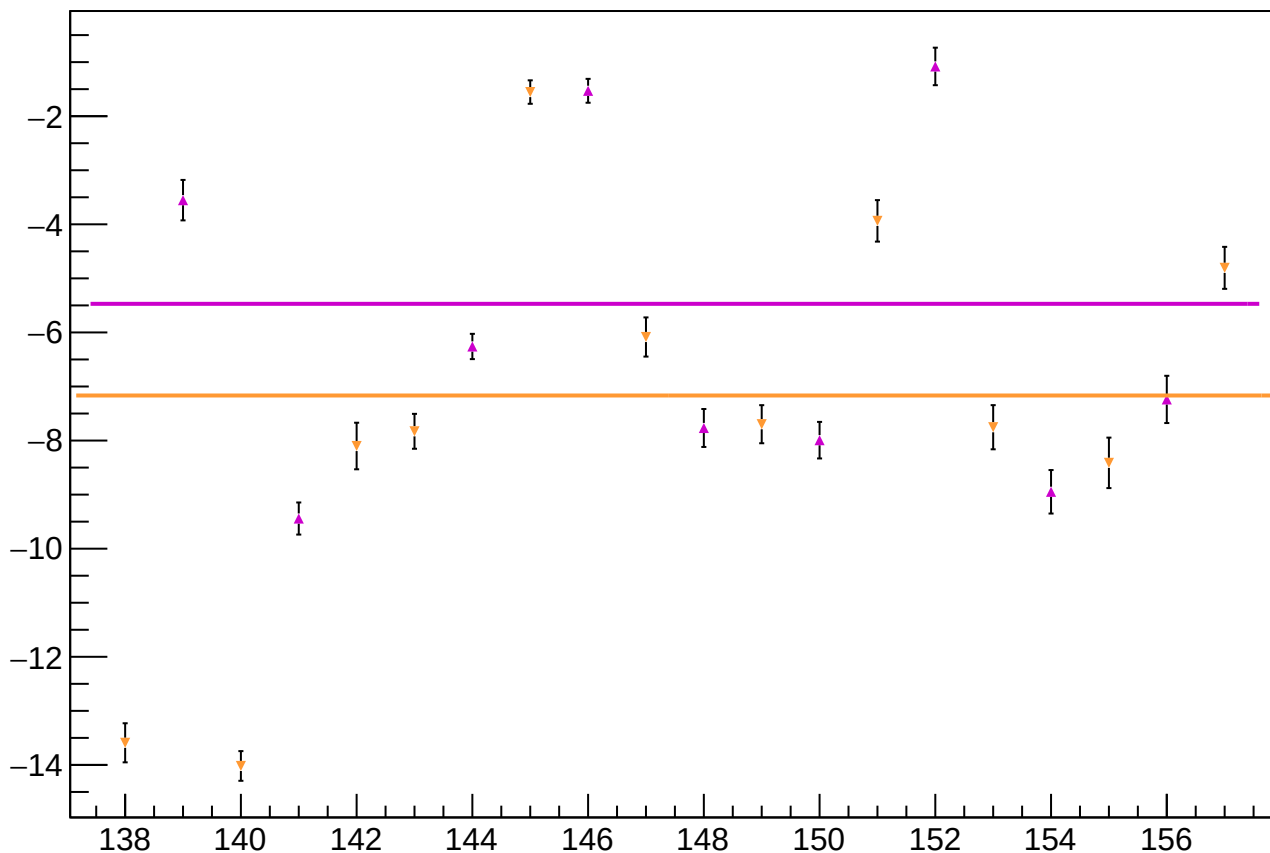
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.110 $\pm$ 0.012 χ^2 /NDF:317.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.045 $\pm$ 0.012 χ^2 /NDF:282.0/8

Left: 0.078 $\pm$ 0.008 χ^2 /NDF: 613.9/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.045 $\pm$ 0.012 χ^2 /NDF:282.0/8
 Out: 0.110 $\pm$ 0.012 χ^2 /NDF:317.0/10
 All: 0.078 $\pm$ 0.008 χ^2 /NDF: 613.9/19

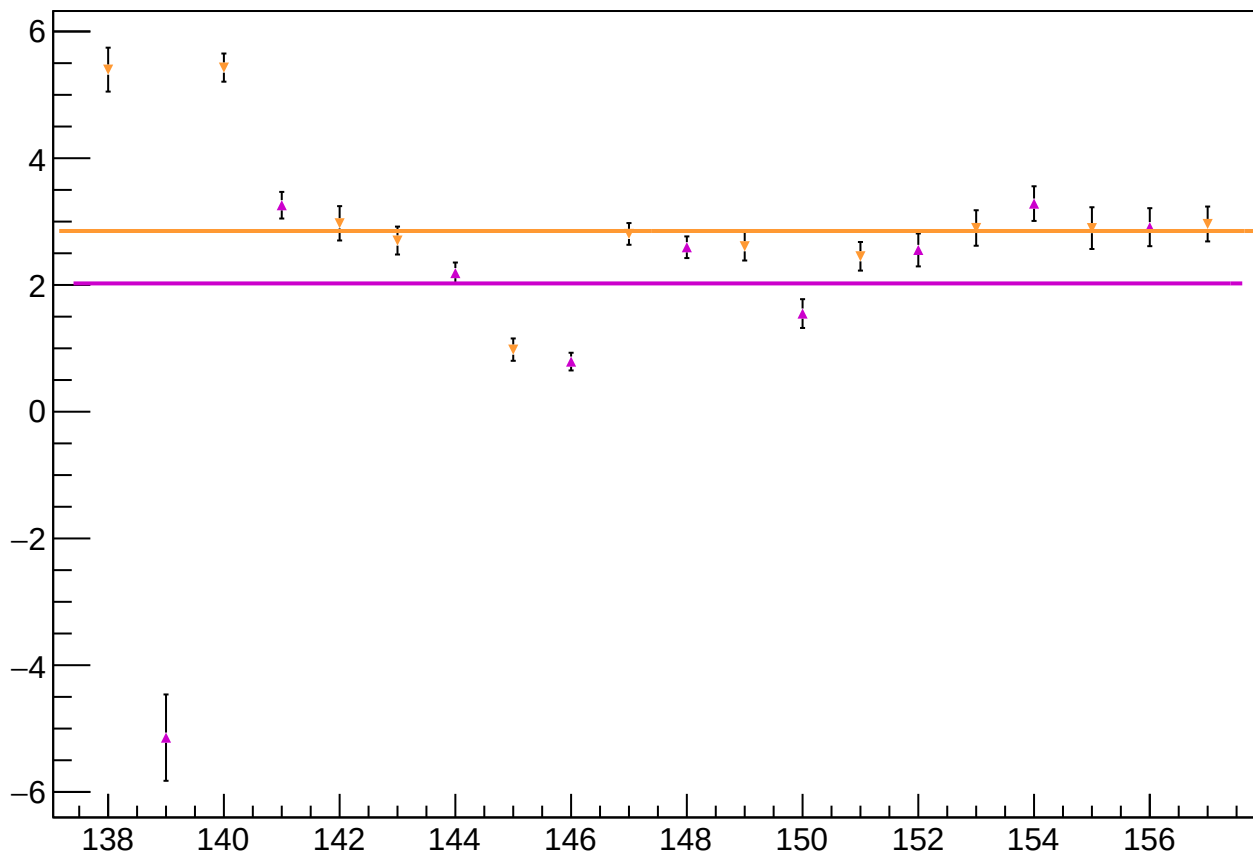
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.471+/-0.103 χ^2/NDF :884.4/8

Left: -6.332+/-0.072 χ^2/NDF : 2765.9/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.471+/-0.103 χ^2/NDF :884.4/8
 Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 All: -6.332+/-0.072 χ^2/NDF : 2765.9/19

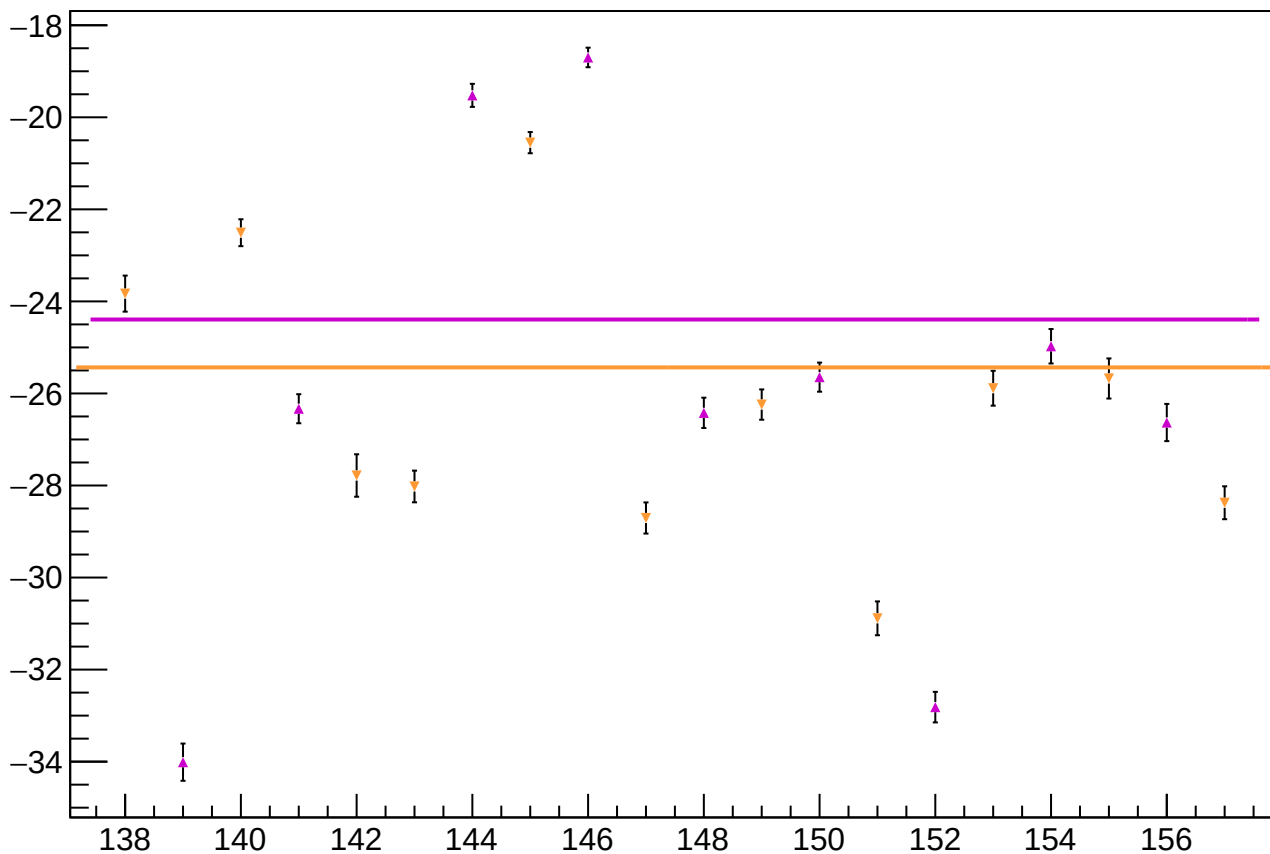
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.852 $\pm$ 0.070 χ^2 /NDF:306.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.024 $\pm$ 0.070 χ^2 /NDF:273.9/8

Left: 2.436 $\pm$ 0.049 χ^2 /NDF: 650.3/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.024 $\pm$ 0.070 χ^2 /NDF:273.9/8
 Out: 2.852 $\pm$ 0.070 χ^2 /NDF:306.4/10
 All: 2.436 $\pm$ 0.049 χ^2 /NDF: 650.3/19

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.434+/-0.102 χ^2/NDF :1037.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.393+/-0.102 χ^2/NDF :2428.5/8

Left: -24.913+/-0.072 χ^2/NDF : 3518.1/19

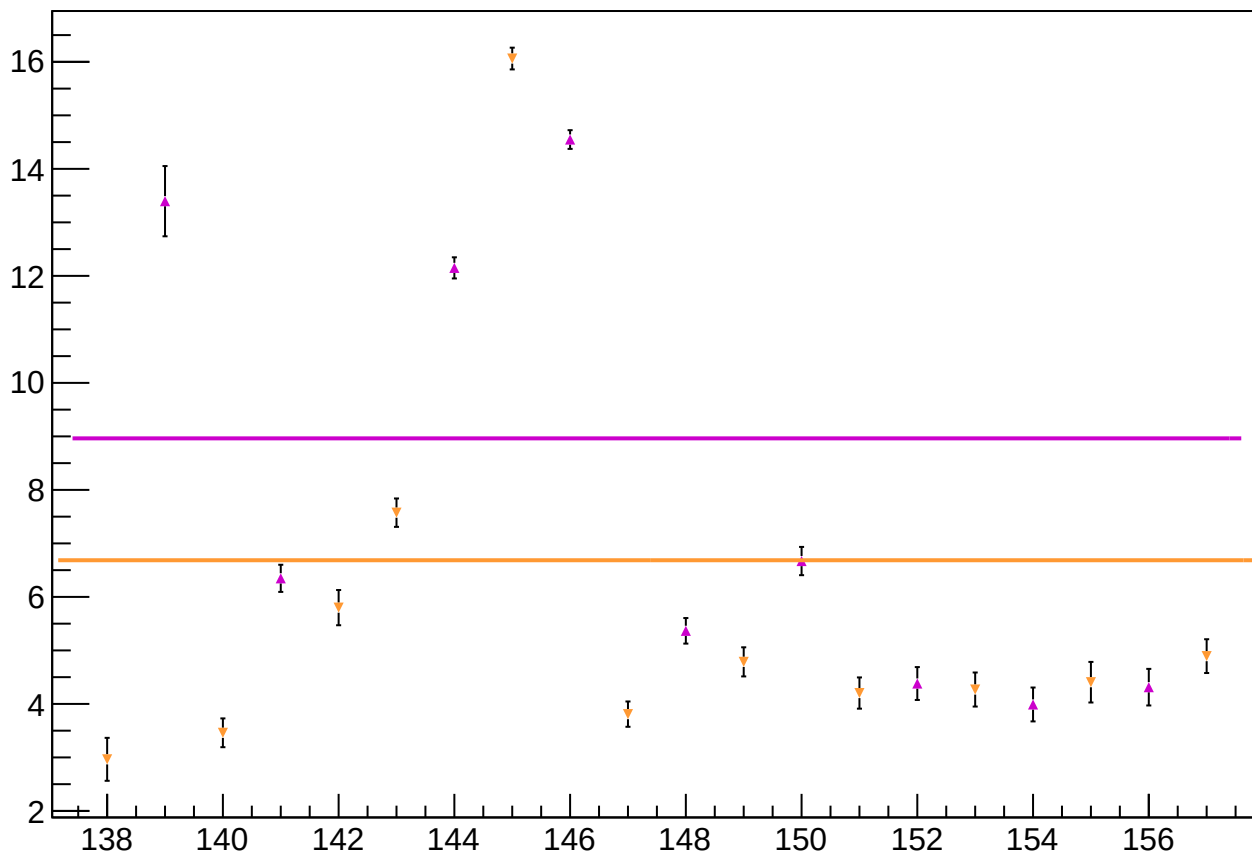
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.393+/-0.102 χ^2/NDF :2428.5/8

Out: -25.434+/-0.102 χ^2/NDF :1037.8/10

All: -24.913+/-0.072 χ^2/NDF : 3518.1/19

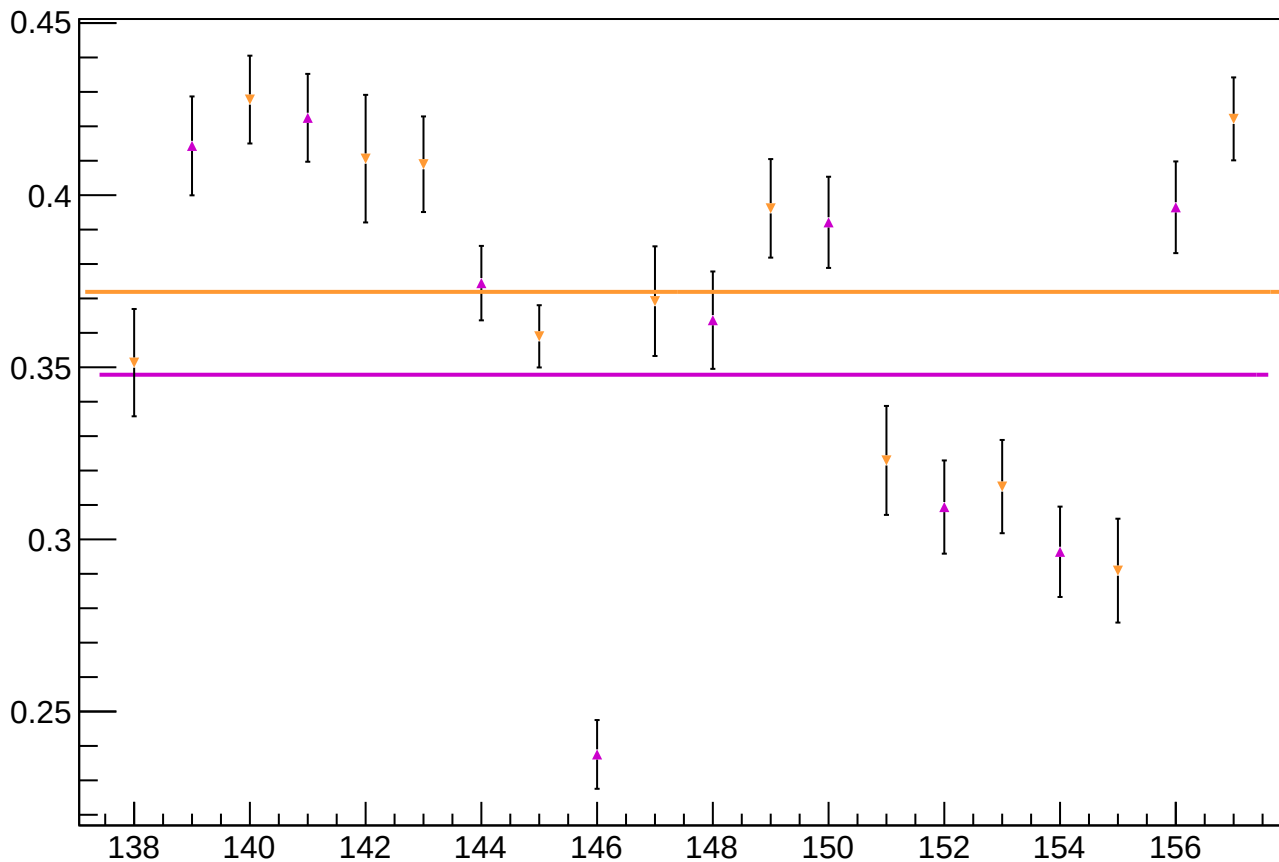
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.685 $\pm$ 0.085 χ^2 /NDF:2772.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.963 $\pm$ 0.085 χ^2 /NDF:2387.7/8

Left: 7.822 $\pm$ 0.060 χ^2 /NDF: 5516.1/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.963 $\pm$ 0.085 χ^2 /NDF:2387.7/8
 Out: 6.685 $\pm$ 0.085 χ^2 /NDF:2772.1/10
 All: 7.822 $\pm$ 0.060 χ^2 /NDF: 5516.1/19

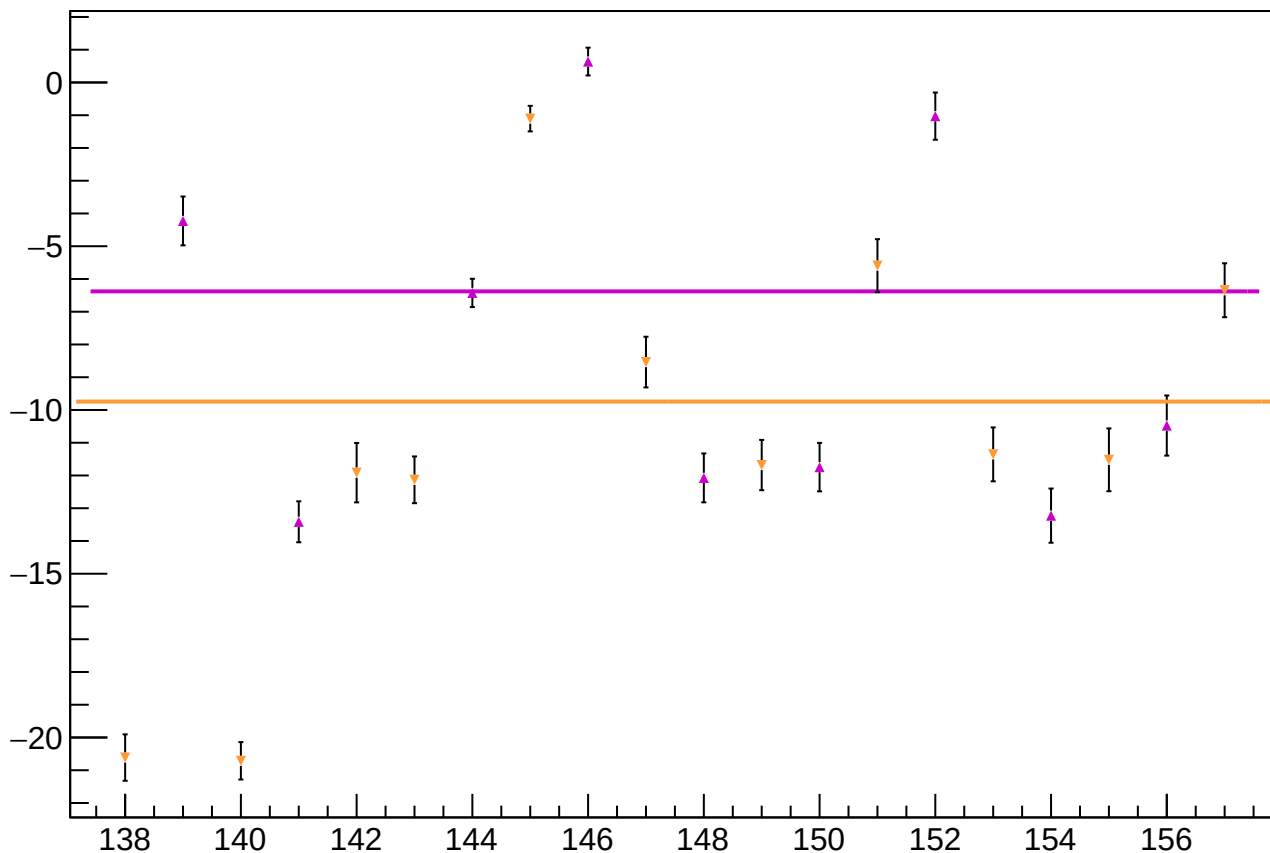
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:110.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.348 $\pm$ 0.004 χ^2 /NDF:232.8/8

Left: 0.360 $\pm$ 0.003 χ^2 /NDF: 360.4/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.348 $\pm$ 0.004 χ^2 /NDF:232.8/8
 Out: 0.372 $\pm$ 0.004 χ^2 /NDF:110.6/10
 All: 0.360 $\pm$ 0.003 χ^2 /NDF: 360.4/19

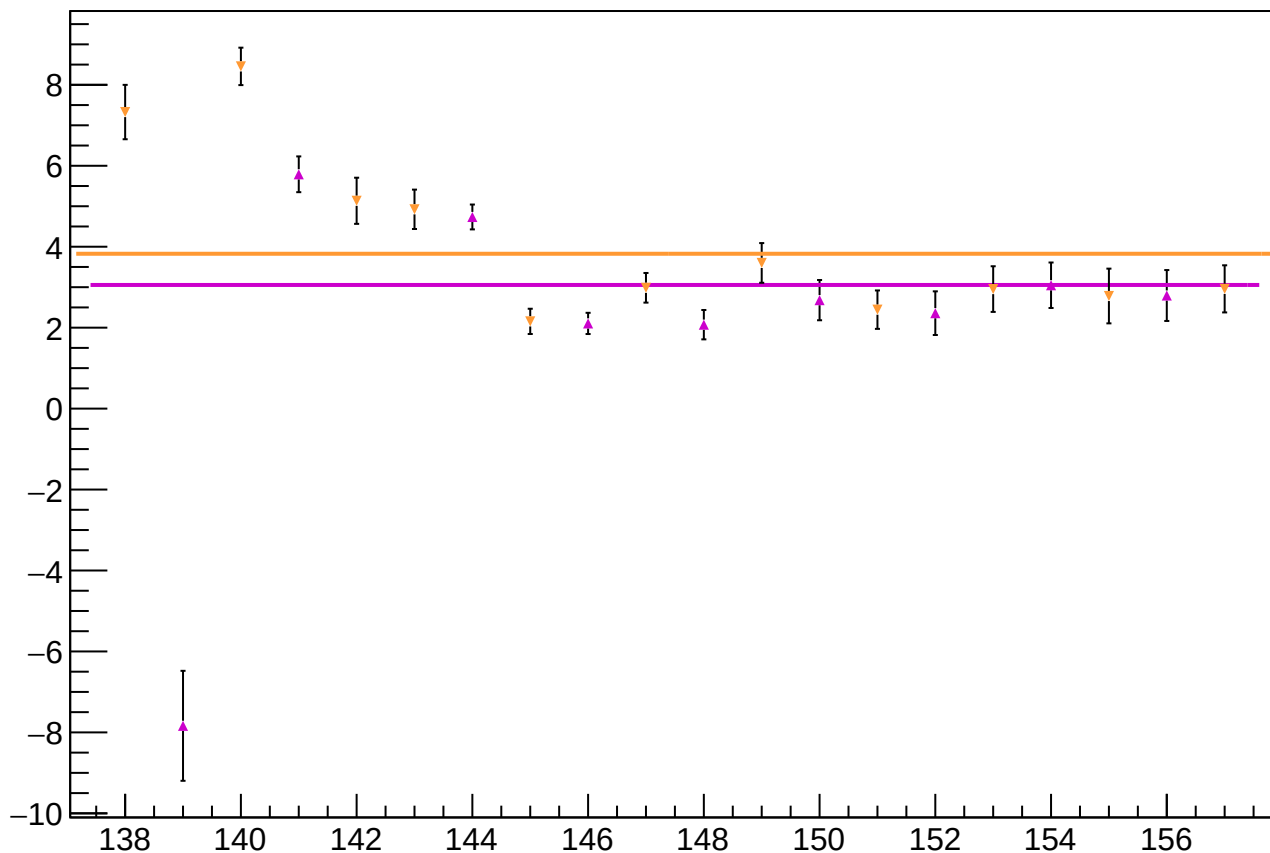
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.744+/-0.205 χ^2/NDF :1170.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.379+/-0.206 χ^2/NDF :663.0/8

Left: -8.070+/-0.146 χ^2/NDF : 1967.4/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.379+/-0.206 χ^2/NDF :663.0/8
 Out: -9.744+/-0.205 χ^2/NDF :1170.8/10
 All: -8.070+/-0.146 χ^2/NDF : 1967.4/19

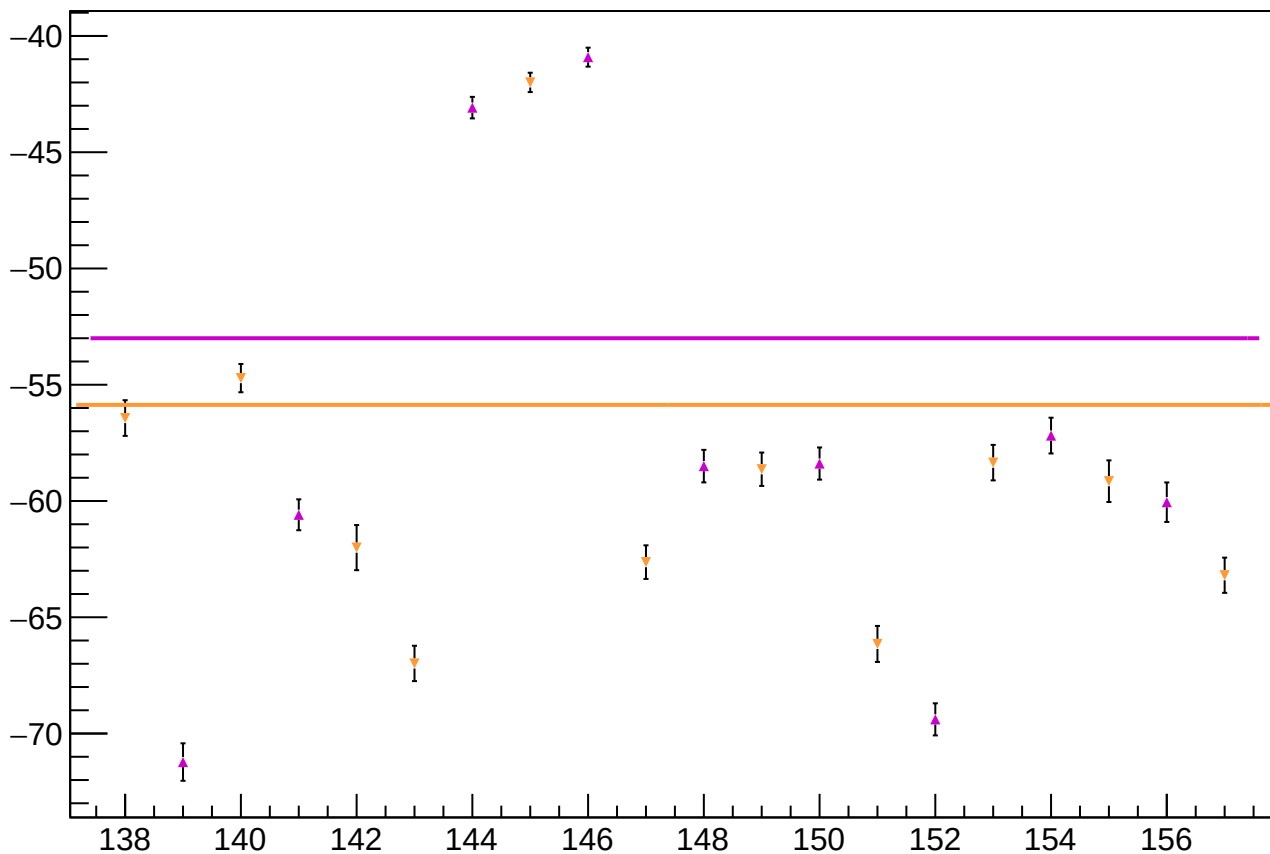
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.826+/-0.143 χ^2/NDF :187.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.055+/-0.139 χ^2/NDF :155.3/8

Left: 3.430+/-0.100 χ^2/NDF : 357.6/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.055+/-0.139 χ^2/NDF :155.3/8
 Out: 3.826+/-0.143 χ^2/NDF :187.4/10
 All: 3.430+/-0.100 χ^2/NDF : 357.6/19

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -55.866+/-0.208 χ^2/NDF :1766.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.000+/-0.205 χ^2/NDF :2766.6/8

Left: -54.415+/-0.146 χ^2/NDF : 4629.1/19

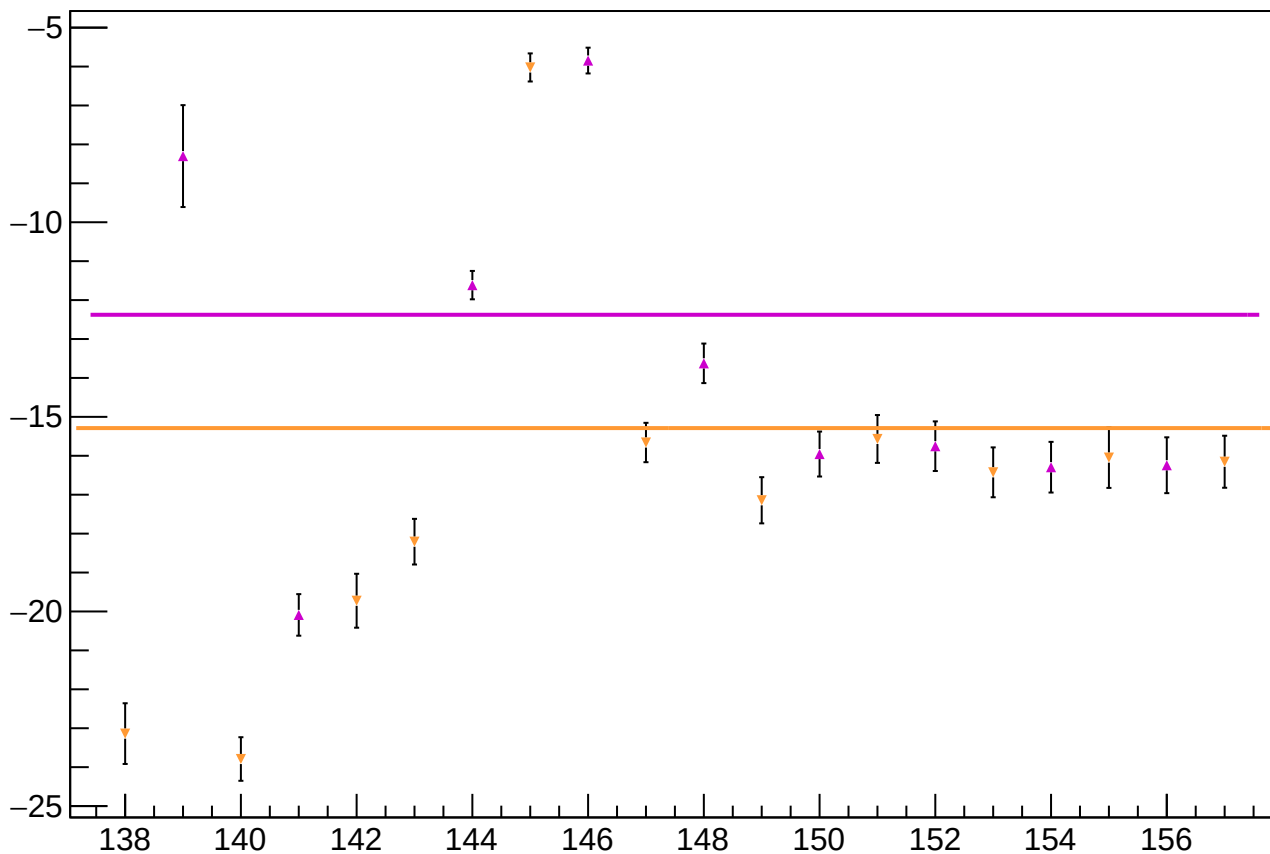
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.000+/-0.205 χ^2/NDF :2766.6/8

Out: -55.866+/-0.208 χ^2/NDF :1766.1/10

All: -54.415+/-0.146 χ^2/NDF : 4629.1/19

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.289+/-0.173 χ^2/NDF :1073.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.377+/-0.171 χ^2/NDF :749.3/8

Left: -13.808+/-0.122 χ^2/NDF : 1965.7/19

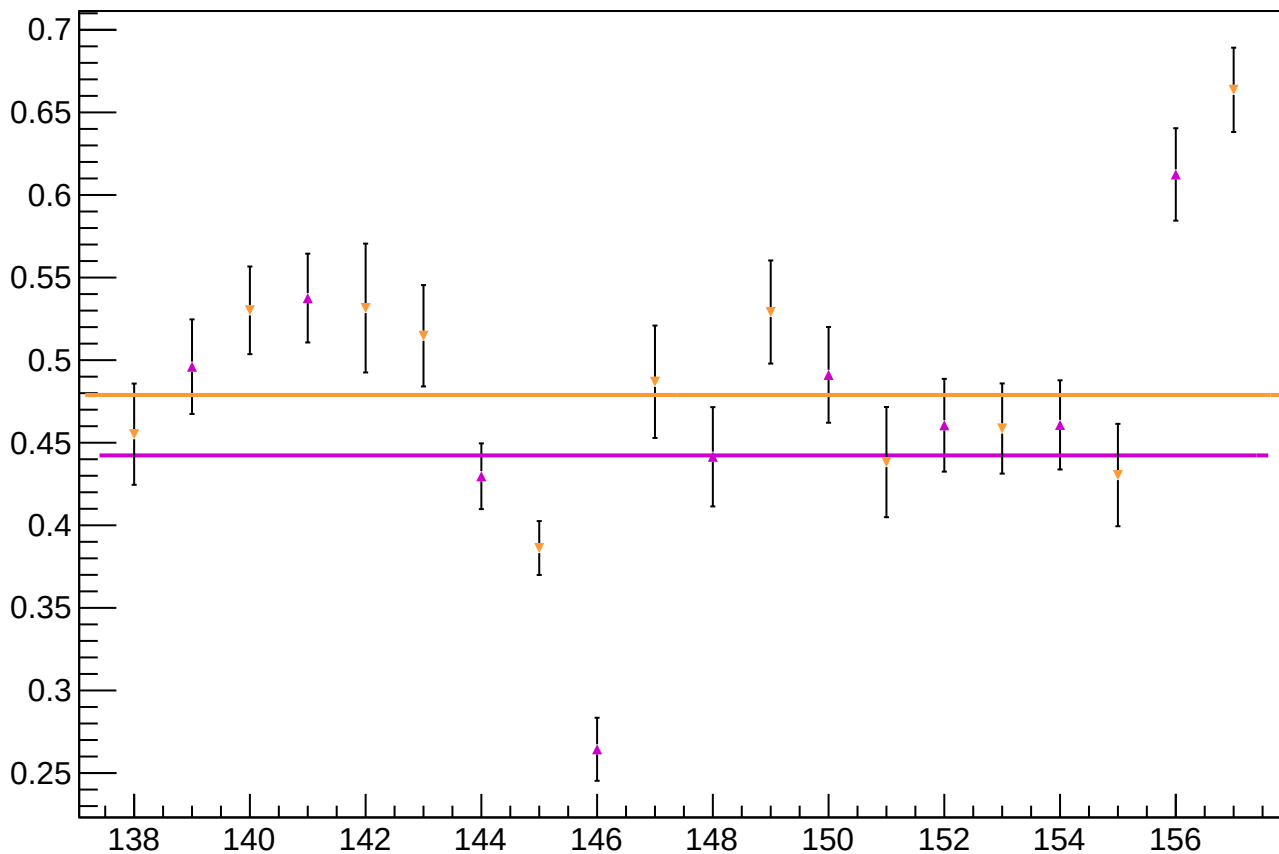
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.377+/-0.171 χ^2/NDF :749.3/8

Out: -15.289+/-0.173 χ^2/NDF :1073.2/10

All: -13.808+/-0.122 χ^2/NDF : 1965.7/19

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.442 $\pm$ 0.008 χ^2 /NDF:144.1/8

Left: 0.461 $\pm$ 0.006 χ^2 /NDF: 253.0/19

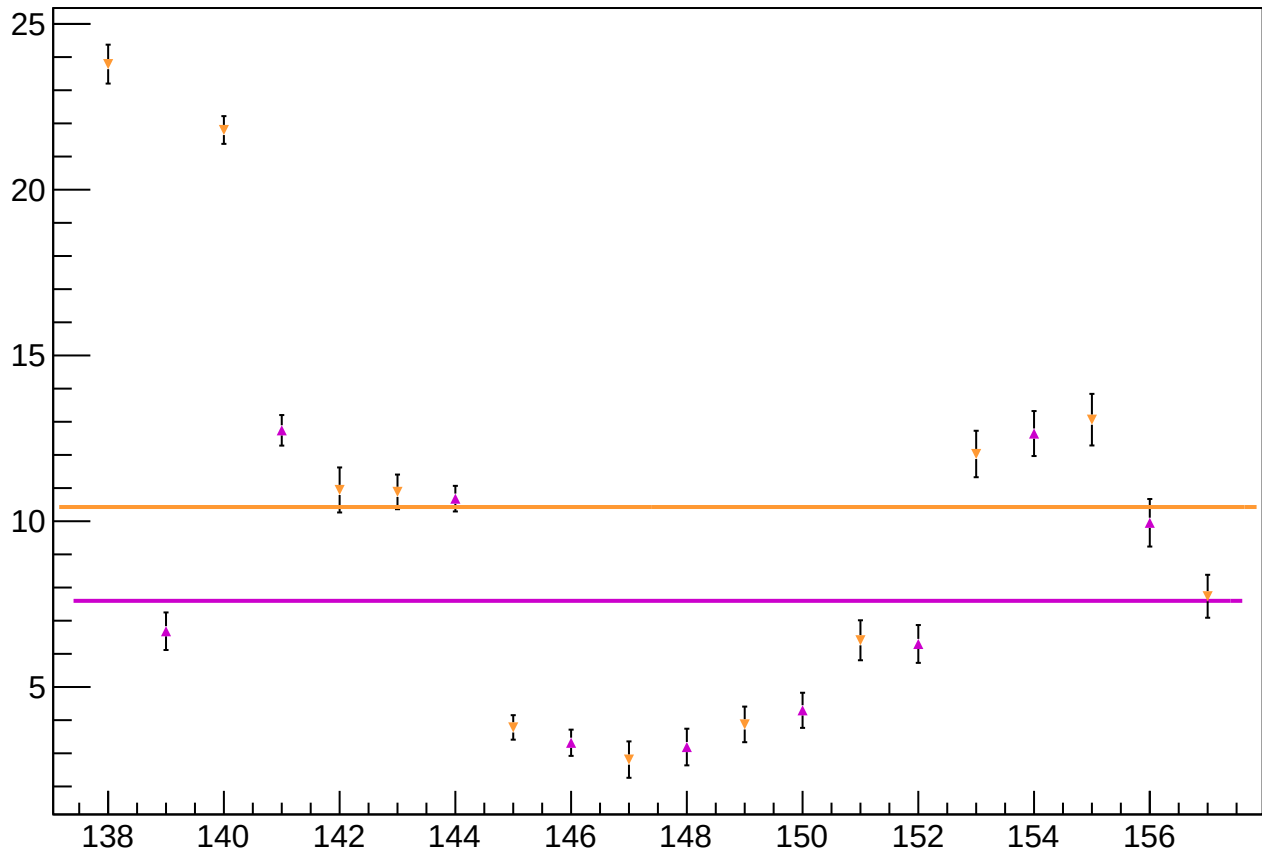
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.442 $\pm$ 0.008 χ^2 /NDF:144.1/8

Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10

All: 0.461 $\pm$ 0.006 χ^2 /NDF: 253.0/19

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.429+/-0.164 χ^2/NDF :2002.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.599+/-0.169 χ^2/NDF :481.6/8

Left: 9.062+/-0.118 χ^2/NDF : 2629.0/19

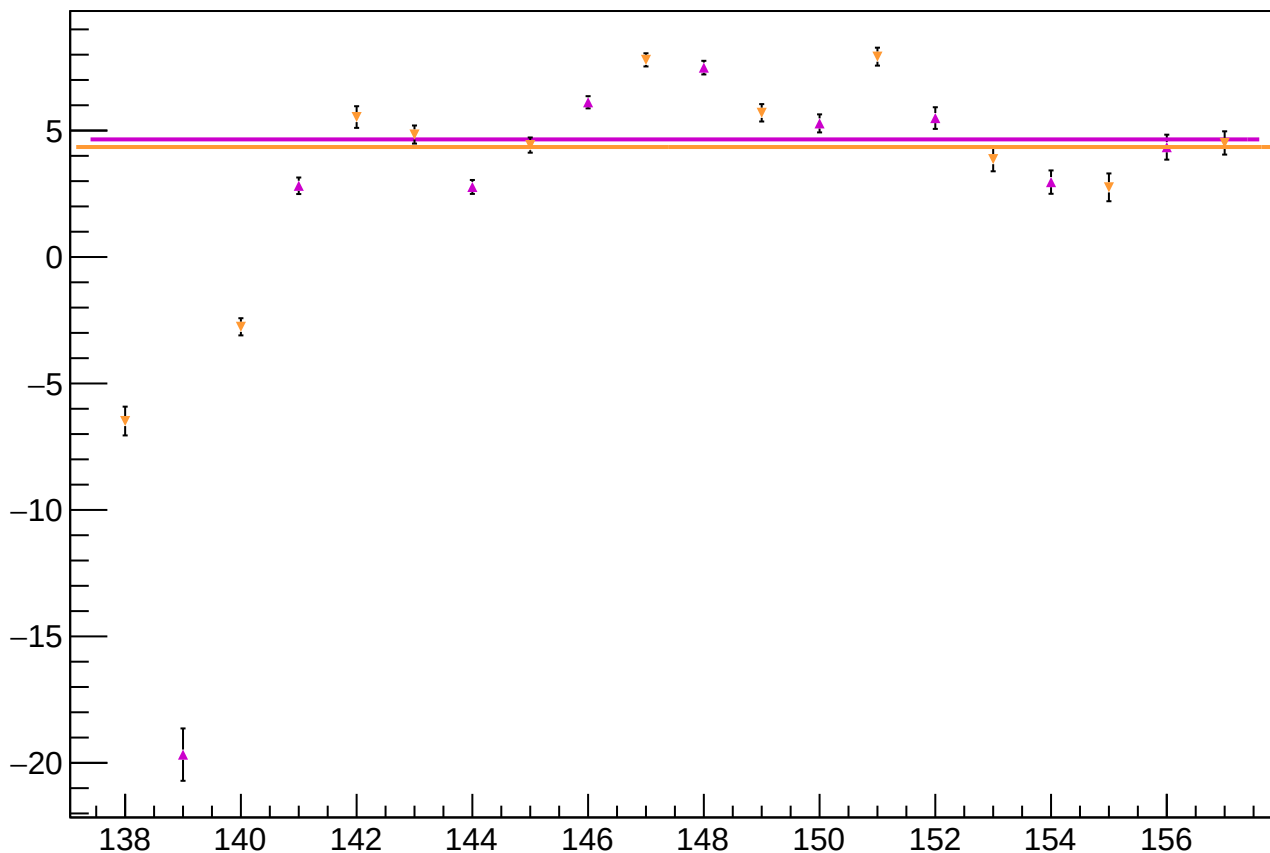
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.599+/-0.169 χ^2/NDF :481.6/8

Out: 10.429+/-0.164 χ^2/NDF :2002.8/10

All: 9.062+/-0.118 χ^2/NDF : 2629.0/19

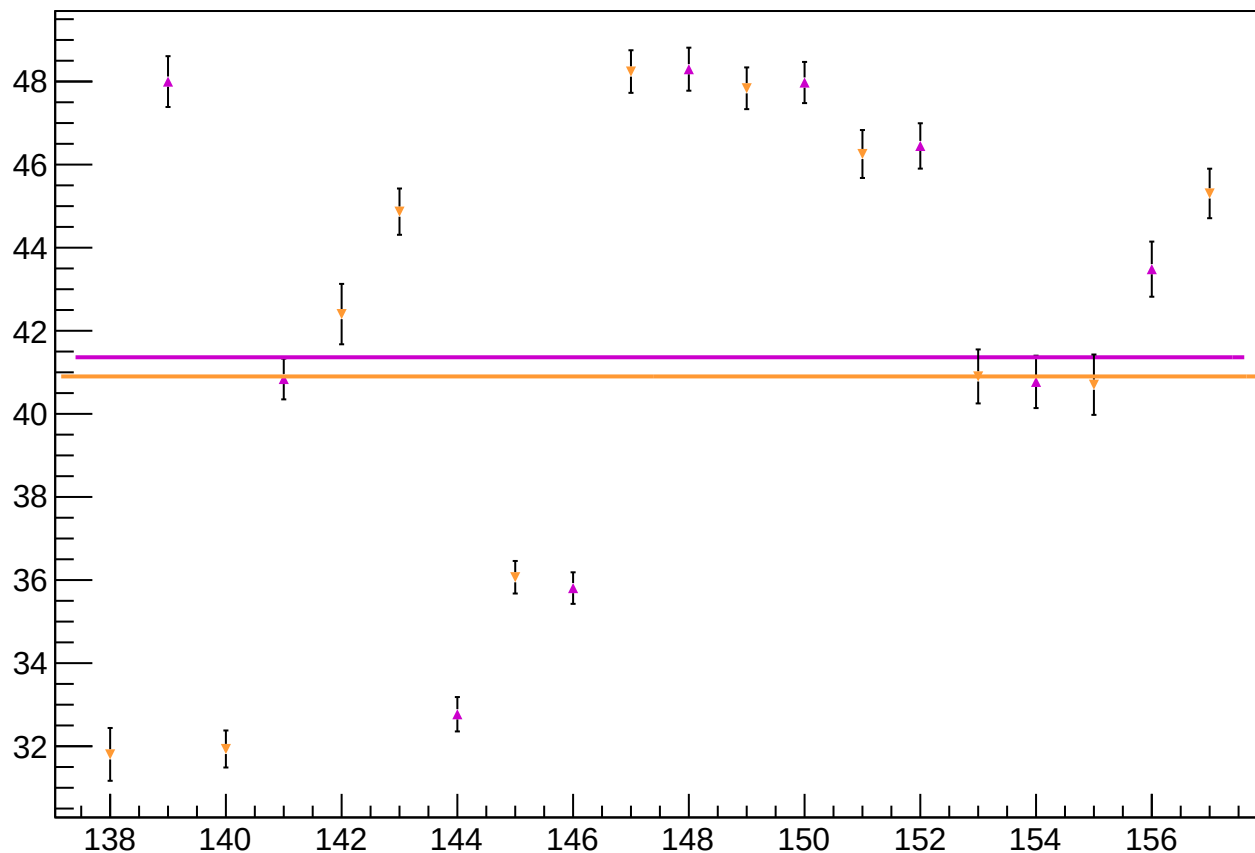
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.349+/-0.112 χ^2/NDF :1111.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.650+/-0.114 χ^2/NDF :798.7/8

Left: 4.497+/-0.080 χ^2/NDF : 1913.4/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.650+/-0.114 χ^2/NDF :798.7/8
 Out: 4.349+/-0.112 χ^2/NDF :1111.2/10
 All: 4.497+/-0.080 χ^2/NDF : 1913.4/19

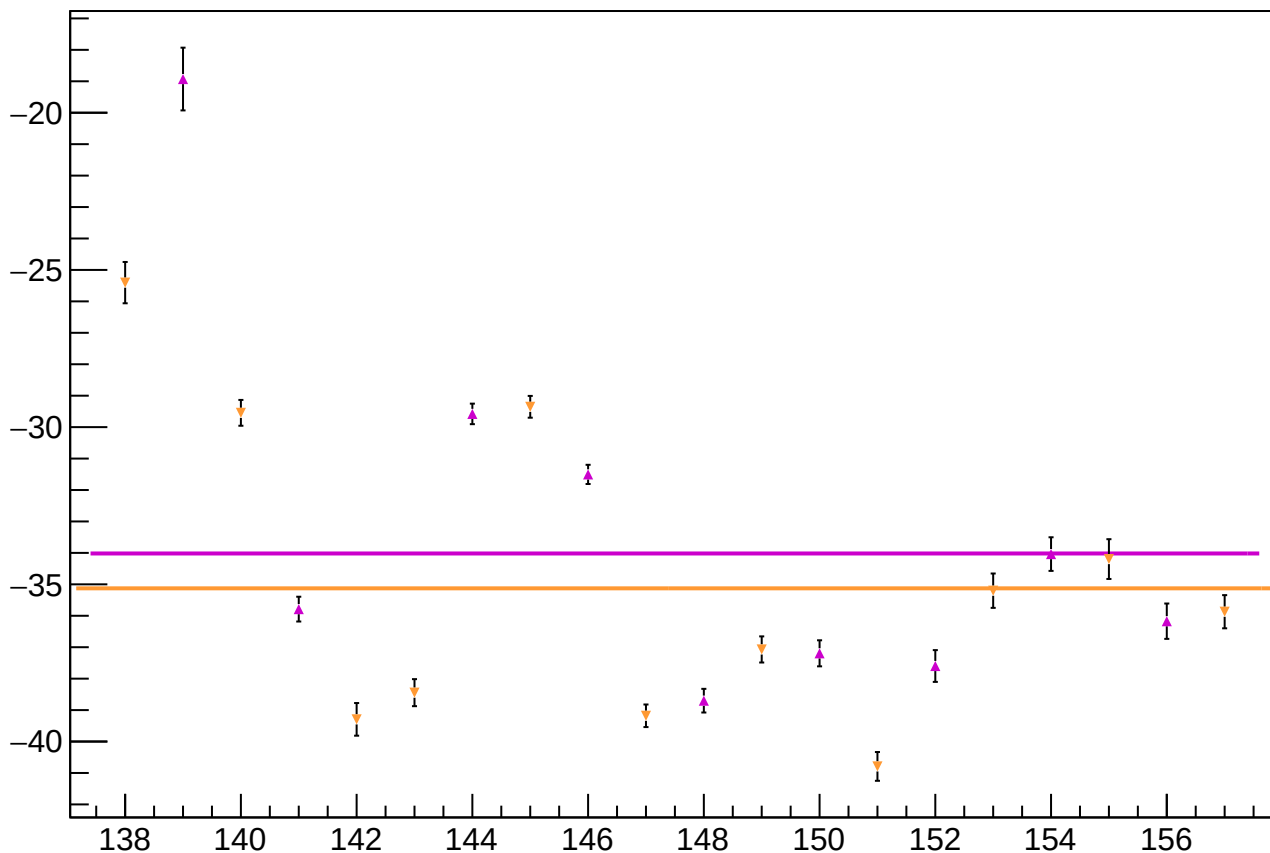
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.901+/-0.164 χ^2/NDF :1353.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.362+/-0.168 χ^2/NDF :1219.2/8

Left: 41.127+/-0.117 χ^2/NDF : 2576.8/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.362+/-0.168 χ^2/NDF :1219.2/8
 Out: 40.901+/-0.164 χ^2/NDF :1353.7/10
 All: 41.127+/-0.117 χ^2/NDF : 2576.8/19

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.127+/-0.137 χ^2/NDF :1112.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.018+/-0.140 χ^2/NDF :780.1/8

Left: -34.586+/-0.098 χ^2/NDF : 1924.5/19

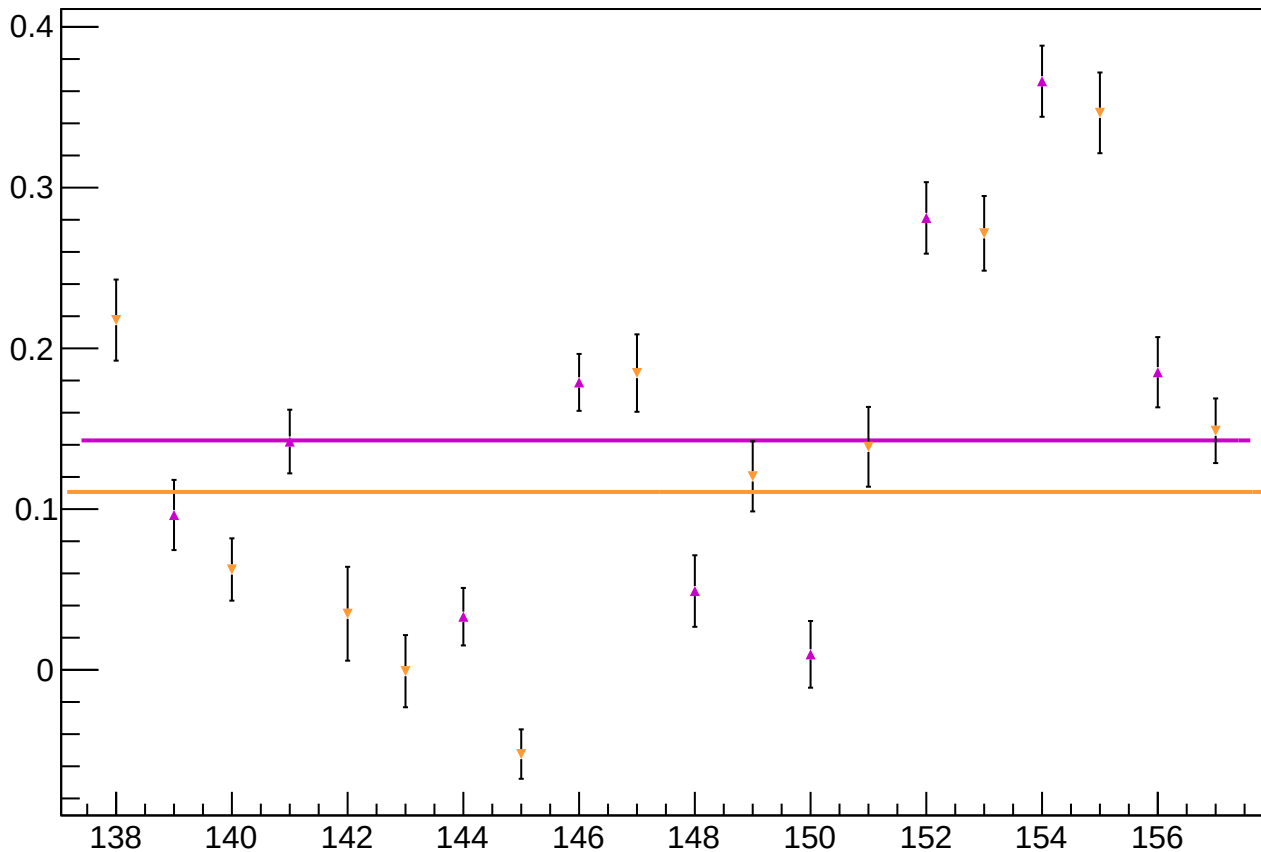
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.018+/-0.140 χ^2/NDF :780.1/8

Out: -35.127+/-0.137 χ^2/NDF :1112.2/10

All: -34.586+/-0.098 χ^2/NDF : 1924.5/19

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: 0.111 $\pm$ 0.007 χ^2 /NDF:318.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.143 $\pm$ 0.007 χ^2 /NDF:249.8/8

Left: 0.126 $\pm$ 0.005 χ^2 /NDF: 579.8/19

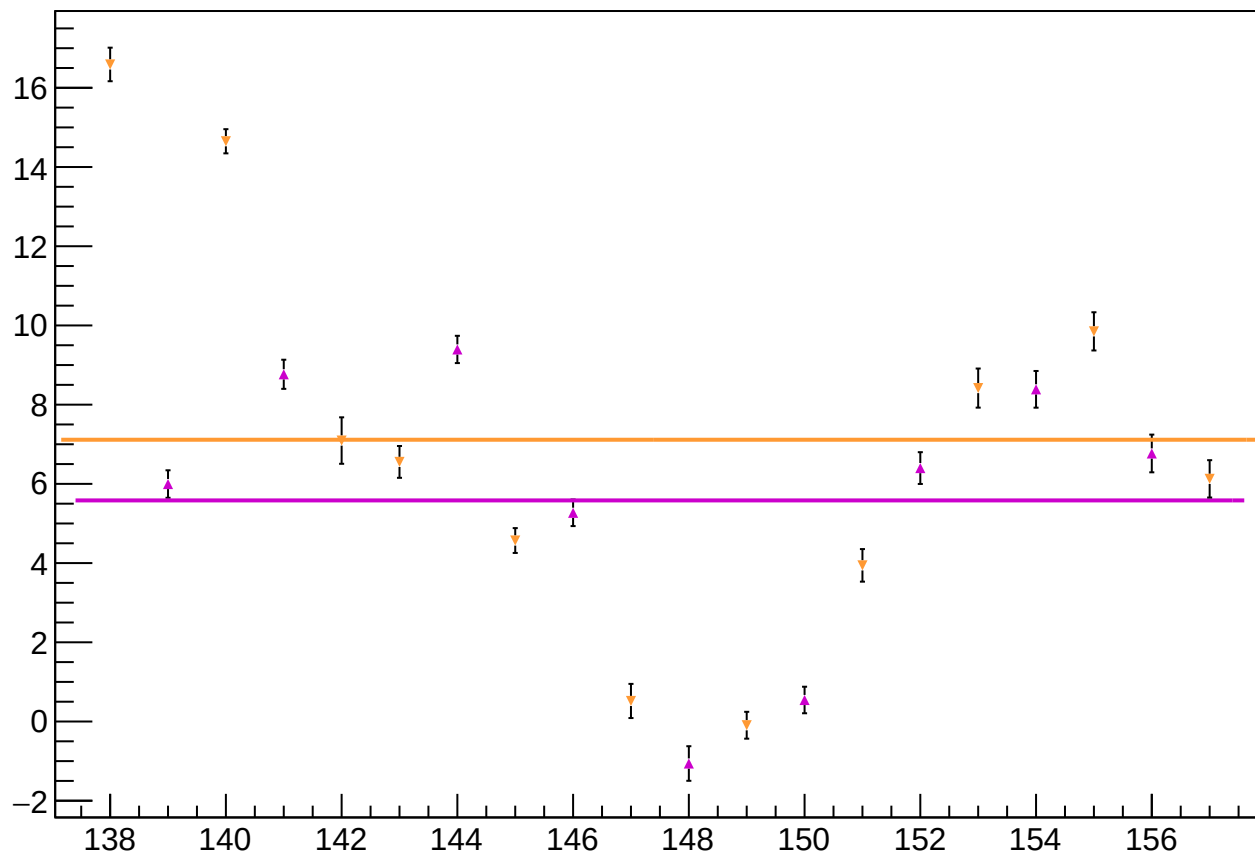
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.143 $\pm$ 0.007 χ^2 /NDF:249.8/8

Out: 0.111 $\pm$ 0.007 χ^2 /NDF:318.6/10

All: 0.126 $\pm$ 0.005 χ^2 /NDF: 579.8/19

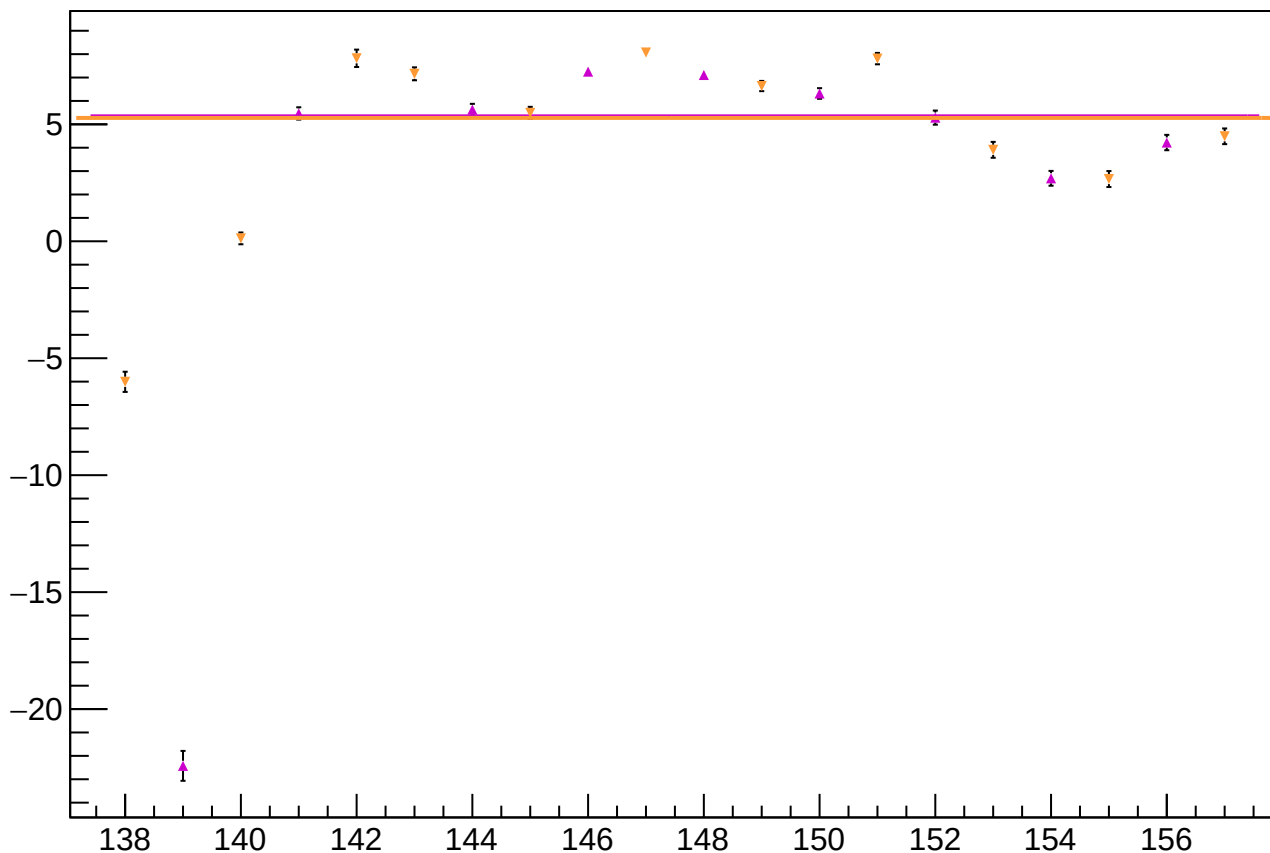
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.114+/-0.121 χ^2/NDF :1966.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.582+/-0.127 χ^2/NDF :704.3/8

Left: 6.384+/-0.087 χ^2/NDF : 2747.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.582+/-0.127 χ^2/NDF :704.3/8
 Out: 7.114+/-0.121 χ^2/NDF :1966.2/10
 All: 6.384+/-0.087 χ^2/NDF : 2747.2/19

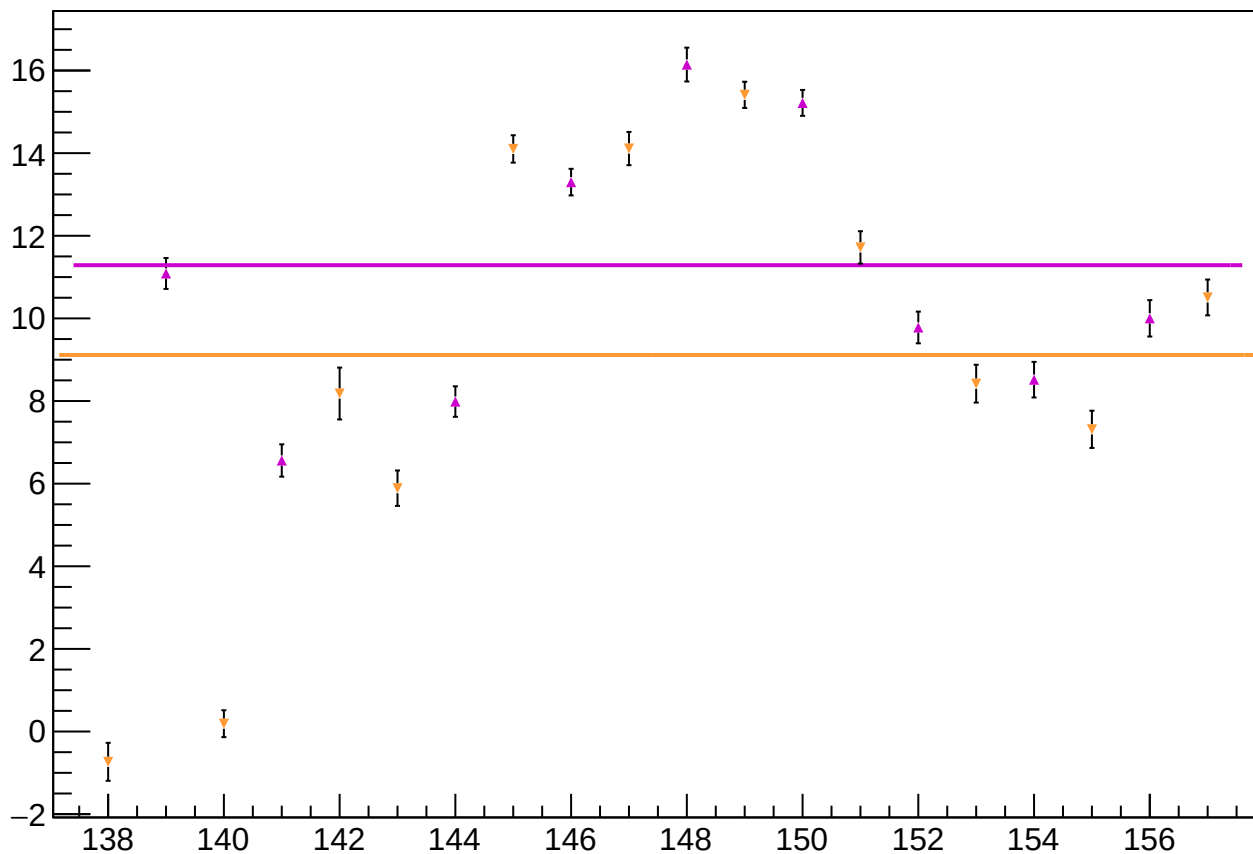
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.274+/-0.084 χ^2/NDF :1602.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.341+/-0.089 χ^2/NDF :2137.7/8

Left: 5.305+/-0.061 χ^2/NDF : 3740.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.341+/-0.089 χ^2/NDF :2137.7/8
 Out: 5.274+/-0.084 χ^2/NDF :1602.2/10
 All: 5.305+/-0.061 χ^2/NDF : 3740.2/19

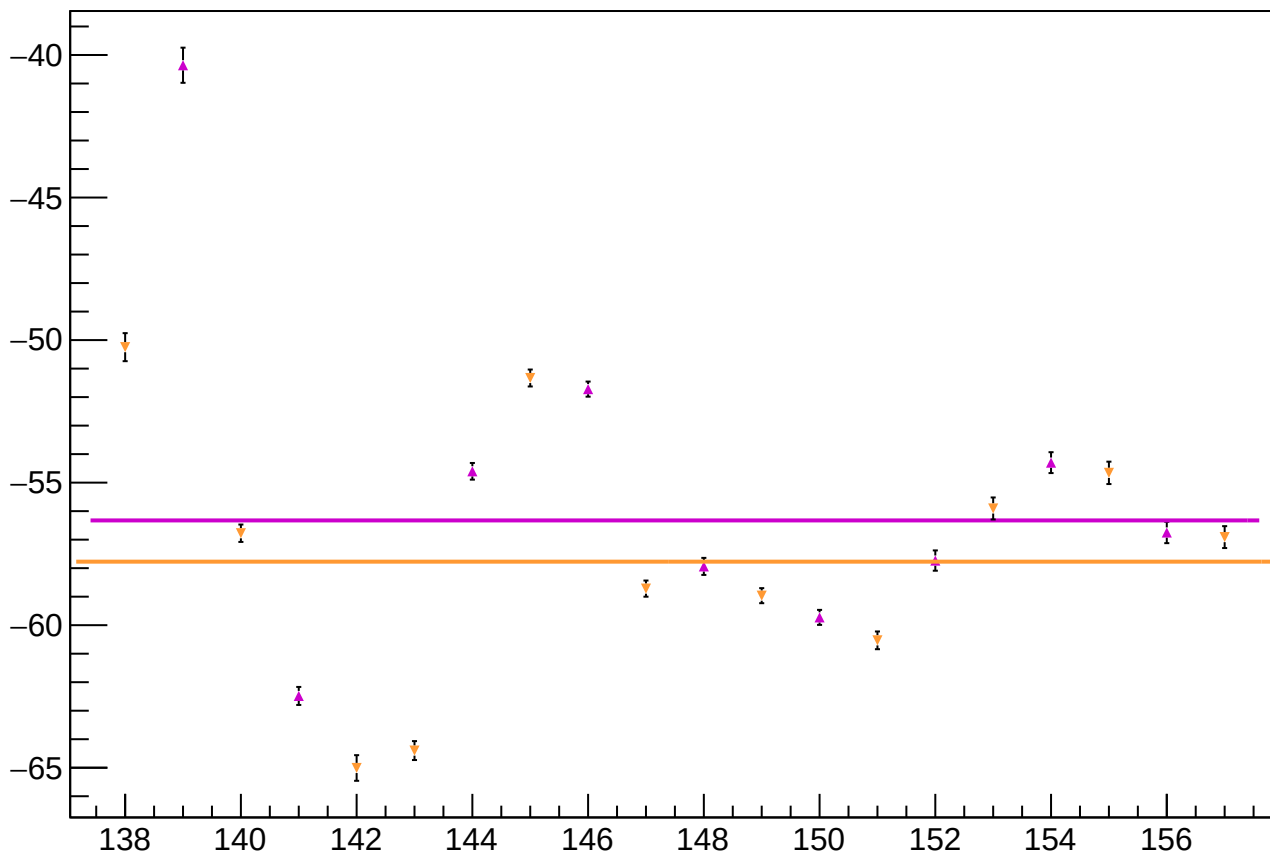
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.288 $\pm$ 0.125 χ^2 /NDF:628.5/8

Left: 10.162 $\pm$ 0.087 χ^2 /NDF: 2903.5/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.288 $\pm$ 0.125 χ^2 /NDF:628.5/8
 Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 All: 10.162 $\pm$ 0.087 χ^2 /NDF: 2903.5/19

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.772+/-0.101 χ^2/NDF :1574.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.326+/-0.107 χ^2/NDF :1631.5/8

Left: -57.090+/-0.074 χ^2/NDF : 3301.5/19

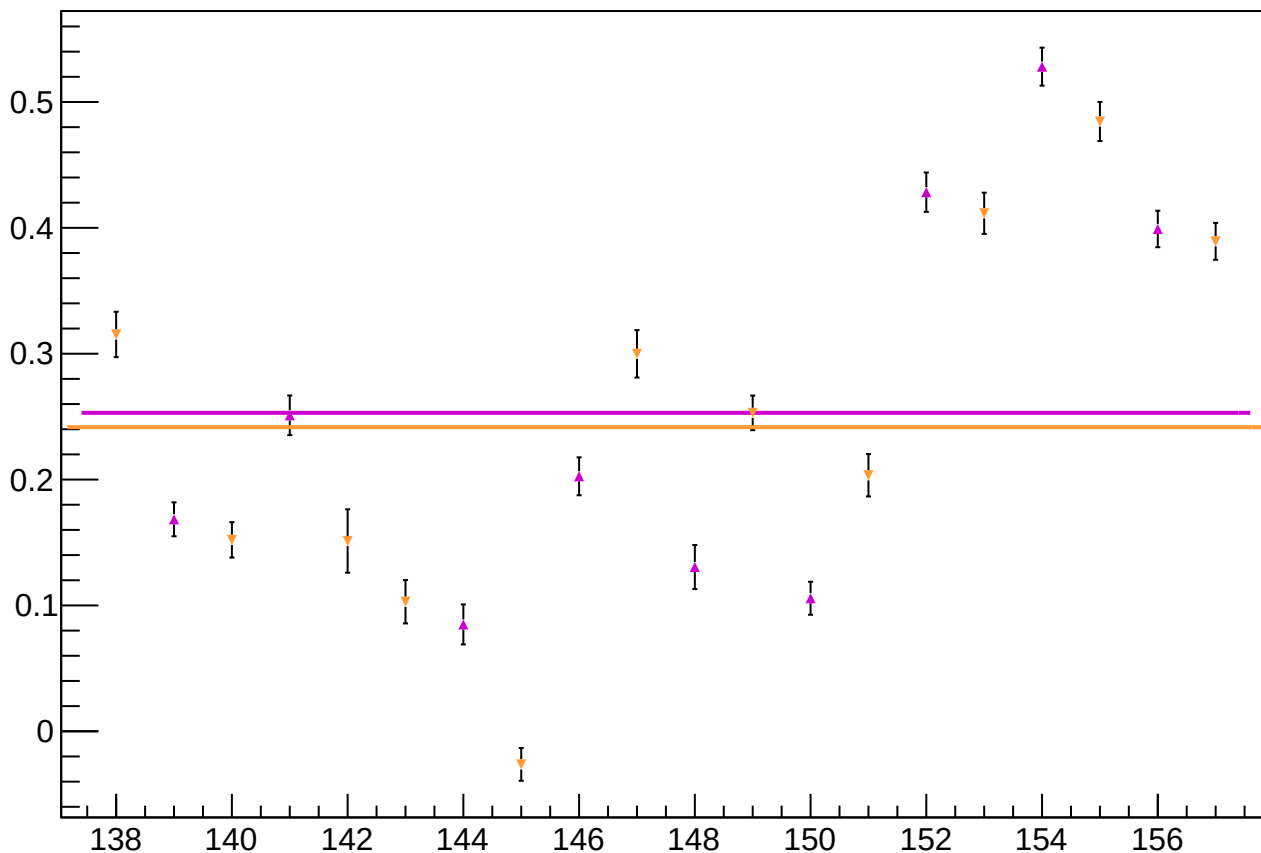
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.326+/-0.107 χ^2/NDF :1631.5/8

Out: -57.772+/-0.101 χ^2/NDF :1574.0/10

All: -57.090+/-0.074 χ^2/NDF : 3301.5/19

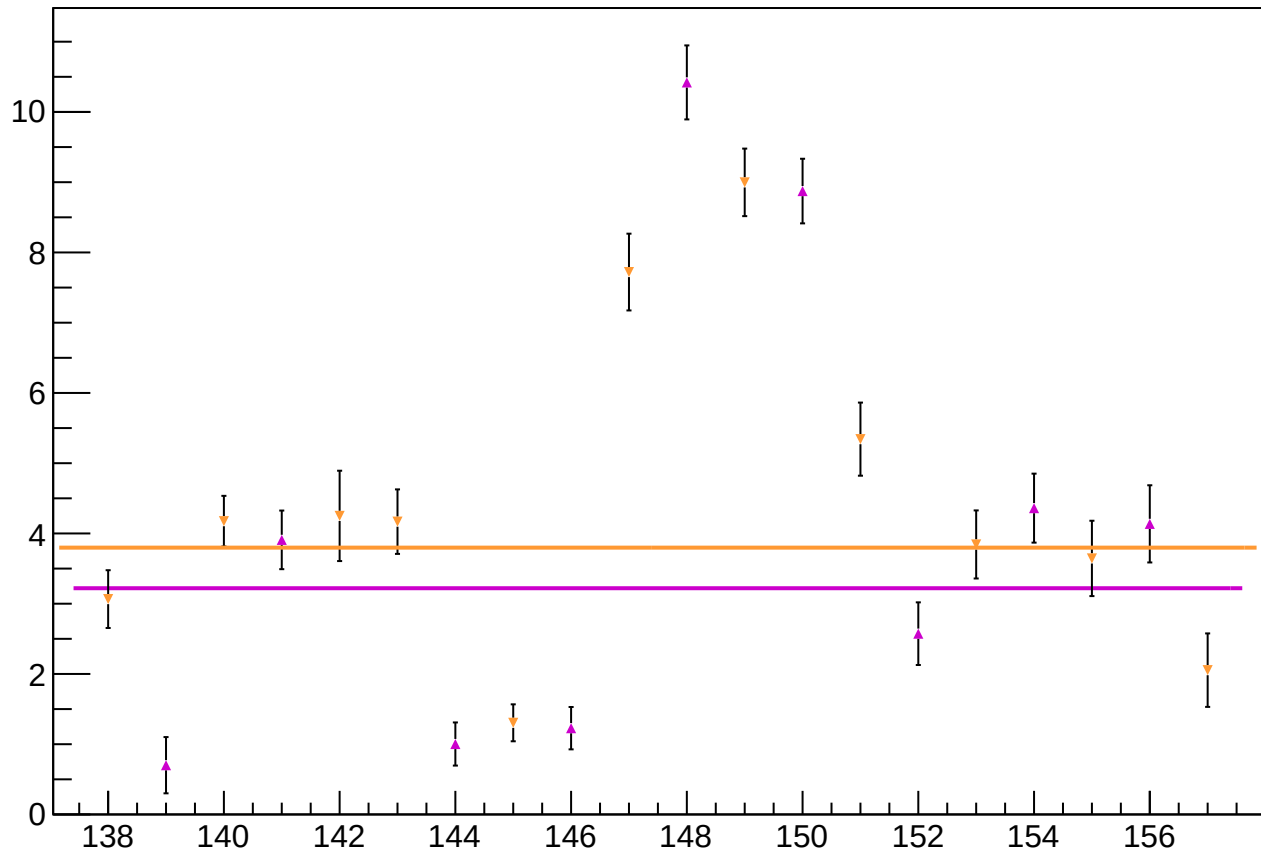
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.253 $\pm$ 0.005 χ^2 /NDF:897.8/8

Left: 0.247 $\pm$ 0.003 χ^2 /NDF: 1928.9/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.253 $\pm$ 0.005 χ^2 /NDF:897.8/8
 Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 All: 0.247 $\pm$ 0.003 χ^2 /NDF: 1928.9/19

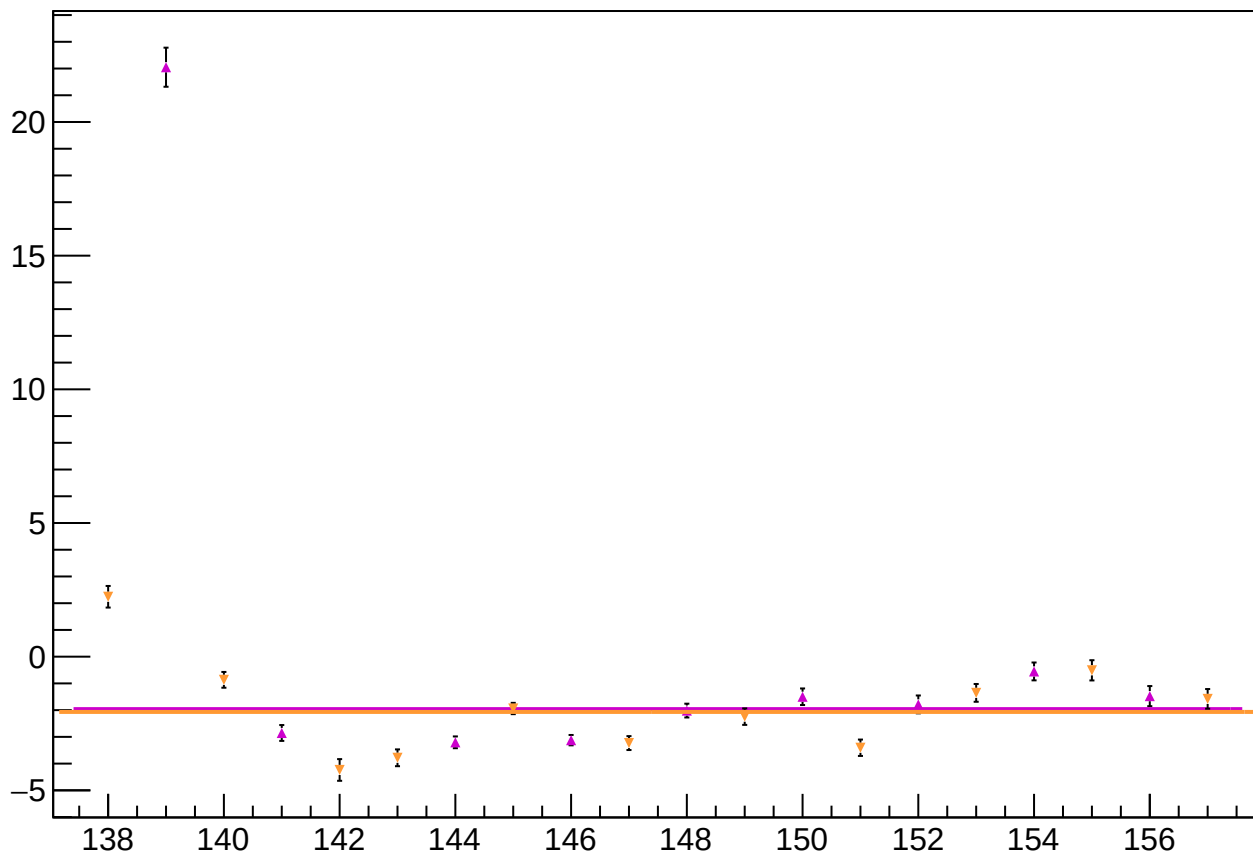
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.220+/-0.136 χ^2/NDF :486.4/8

Left: 3.518+/-0.094 χ^2/NDF : 779.7/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.220+/-0.136 χ^2/NDF :486.4/8
 Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 All: 3.518+/-0.094 χ^2/NDF : 779.7/19

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



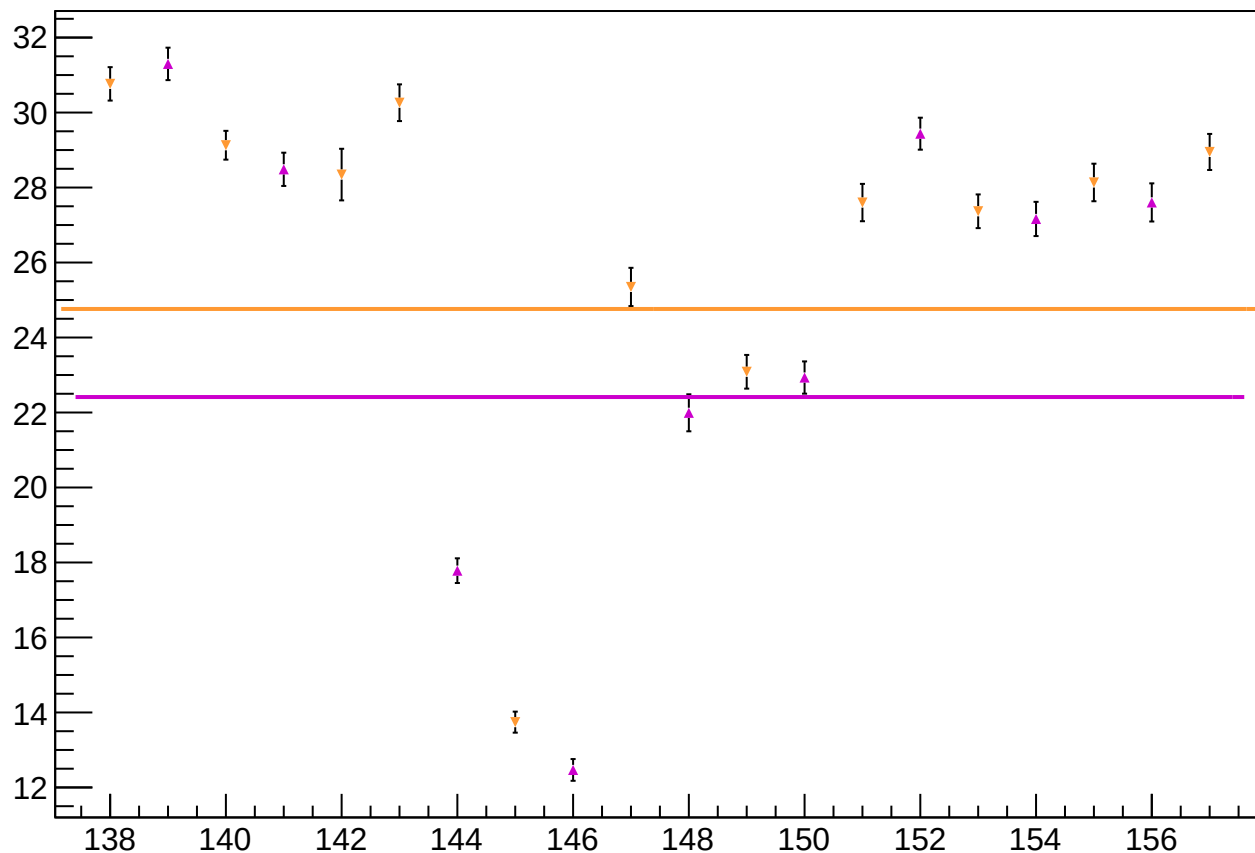
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.067+/-0.093 χ^2/NDF :251.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.962+/-0.095 χ^2/NDF :1177.5/8

Left: -2.016+/-0.066 χ^2/NDF : 1429.8/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.962+/-0.095 χ^2/NDF :1177.5/8
 Out: -2.067+/-0.093 χ^2/NDF :251.7/10

All: -2.016+/-0.066 χ^2/NDF : 1429.8/19

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 24.762 $\pm$ 0.133 χ^2 /NDF:2211.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 22.413 $\pm$ 0.135 χ^2 /NDF:2468.4/8

Left: 23.605 $\pm$ 0.094 χ^2 /NDF: 4834.6/19

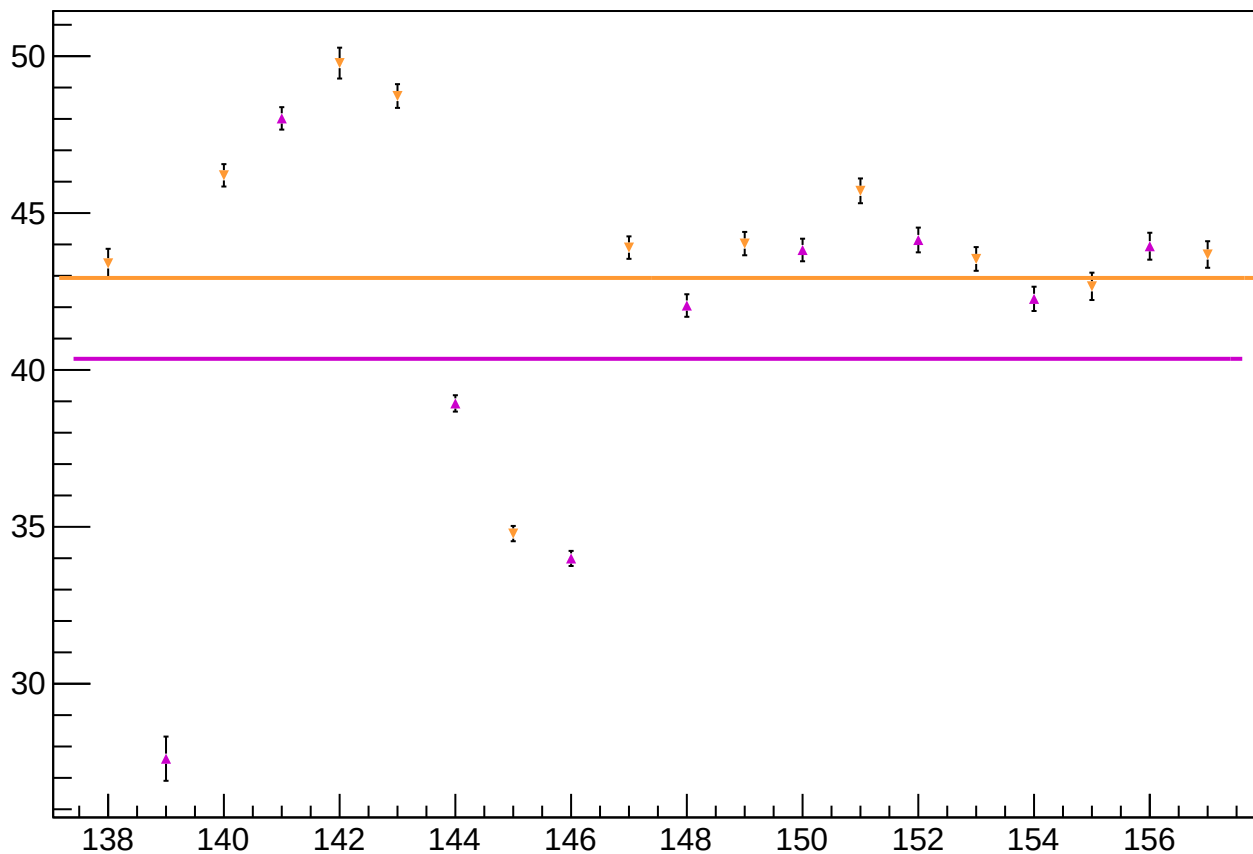
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 22.413 $\pm$ 0.135 χ^2 /NDF:2468.4/8

Out: 24.762 $\pm$ 0.133 χ^2 /NDF:2211.6/10

All: 23.605 $\pm$ 0.094 χ^2 /NDF: 4834.6/19

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.355+/-0.115 χ^2/NDF :1817.5/8

Left: 41.676+/-0.080 χ^2/NDF : 3775.9/19

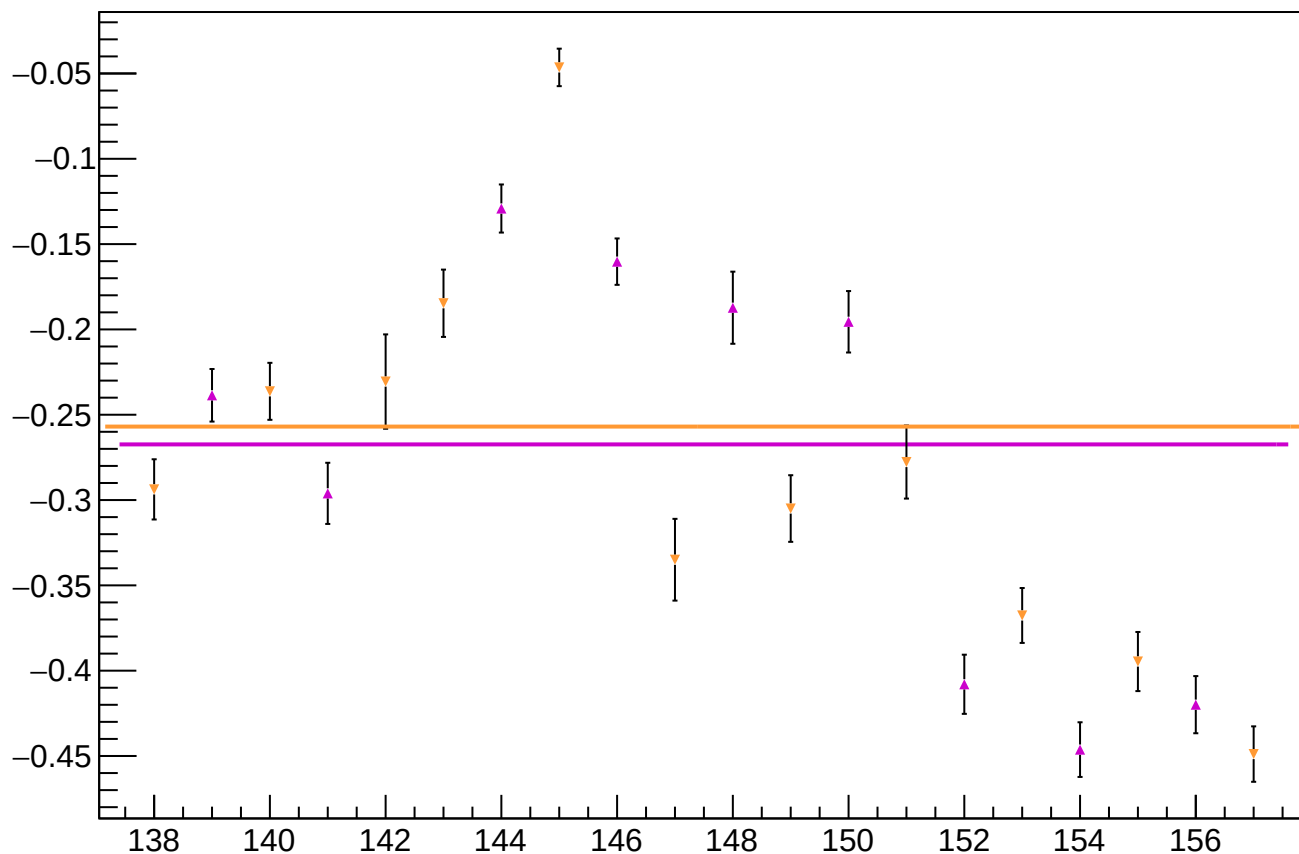
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.355+/-0.115 χ^2/NDF :1817.5/8

Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

All: 41.676+/-0.080 χ^2/NDF : 3775.9/19

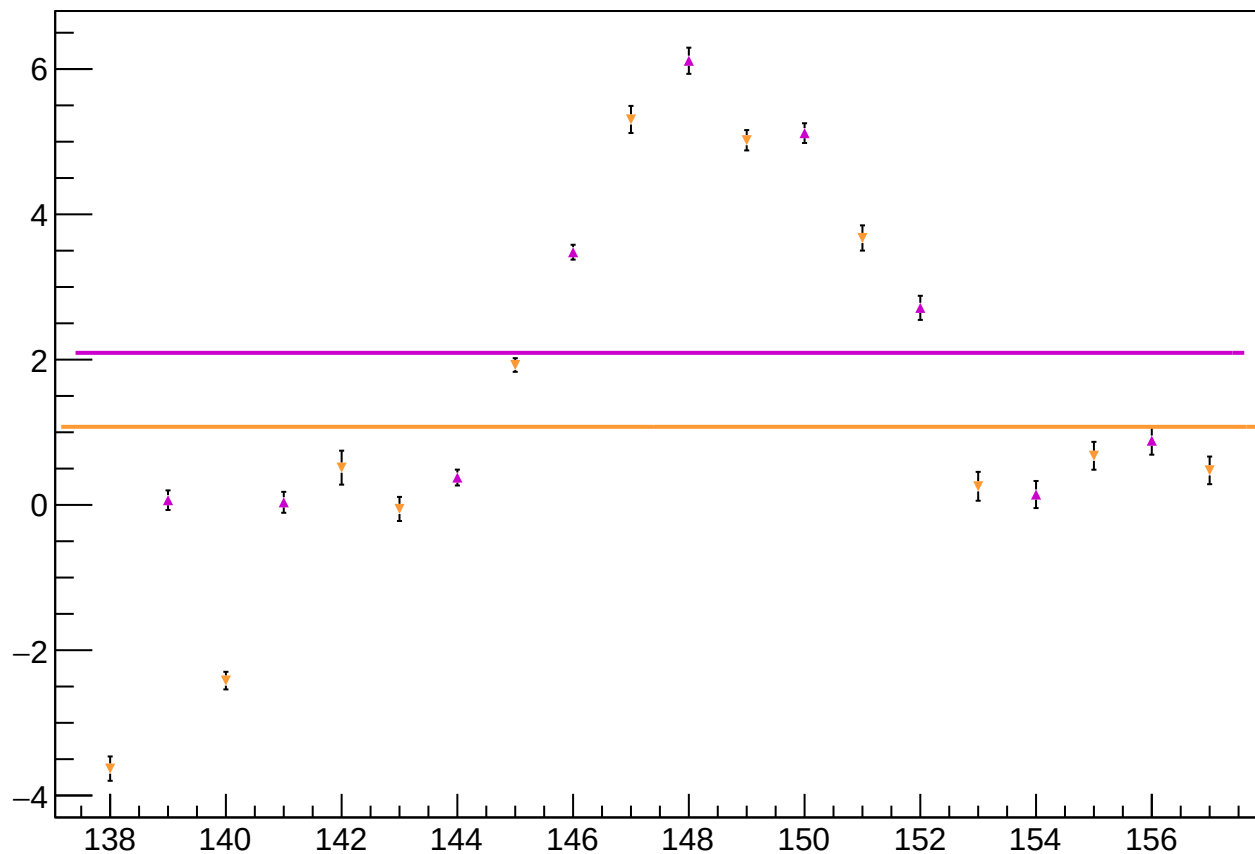
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.267+/-0.005 χ^2/NDF : 467.9/8

Left: -0.262+/-0.004 χ^2/NDF : 1125.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.267+/-0.005 χ^2/NDF : 467.9/8
 Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 All: -0.262+/-0.004 χ^2/NDF : 1125.0/19

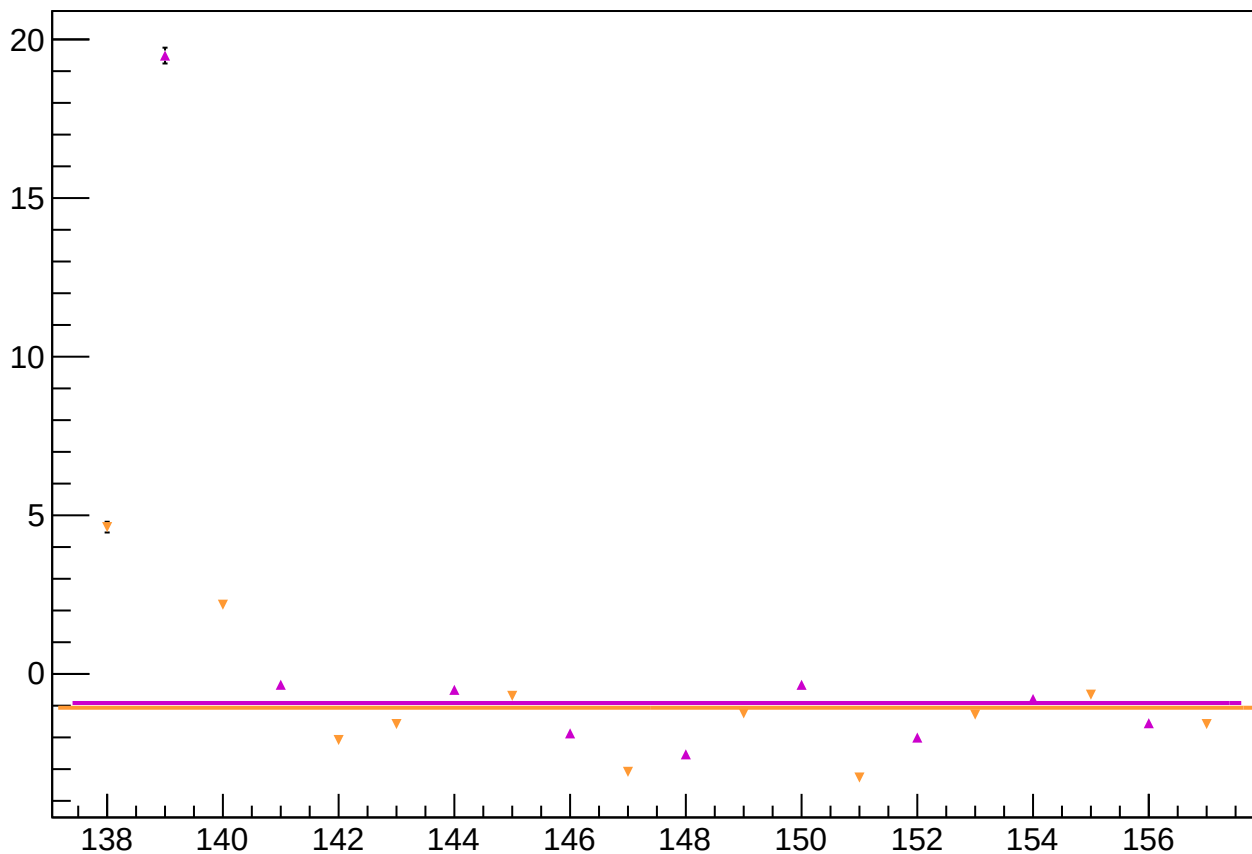
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.075+/-0.046 χ^2/NDF :3318.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.094+/-0.047 χ^2/NDF :2016.8/8

Left: 1.581+/-0.033 χ^2/NDF : 5575.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.094+/-0.047 χ^2/NDF :2016.8/8
 Out: 1.075+/-0.046 χ^2/NDF :3318.6/10
 All: 1.581+/-0.033 χ^2/NDF : 5575.1/19

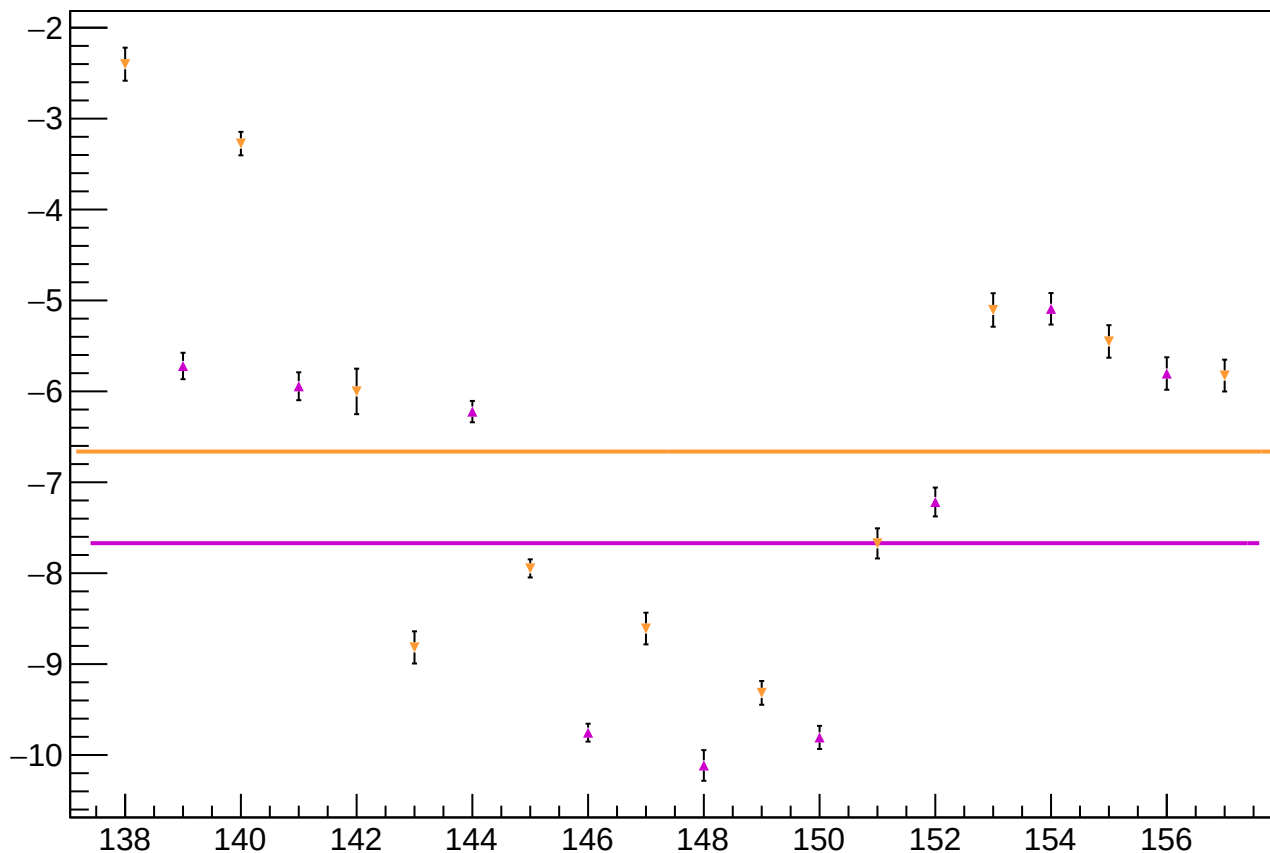
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.915+/-0.033 χ^2/NDF : 7440.6/8

Left: -0.990+/-0.023 χ^2/NDF : 10725.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.915+/-0.033 χ^2/NDF : 7440.6/8
 Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10
 All: -0.990+/-0.023 χ^2/NDF : 10725.0/19

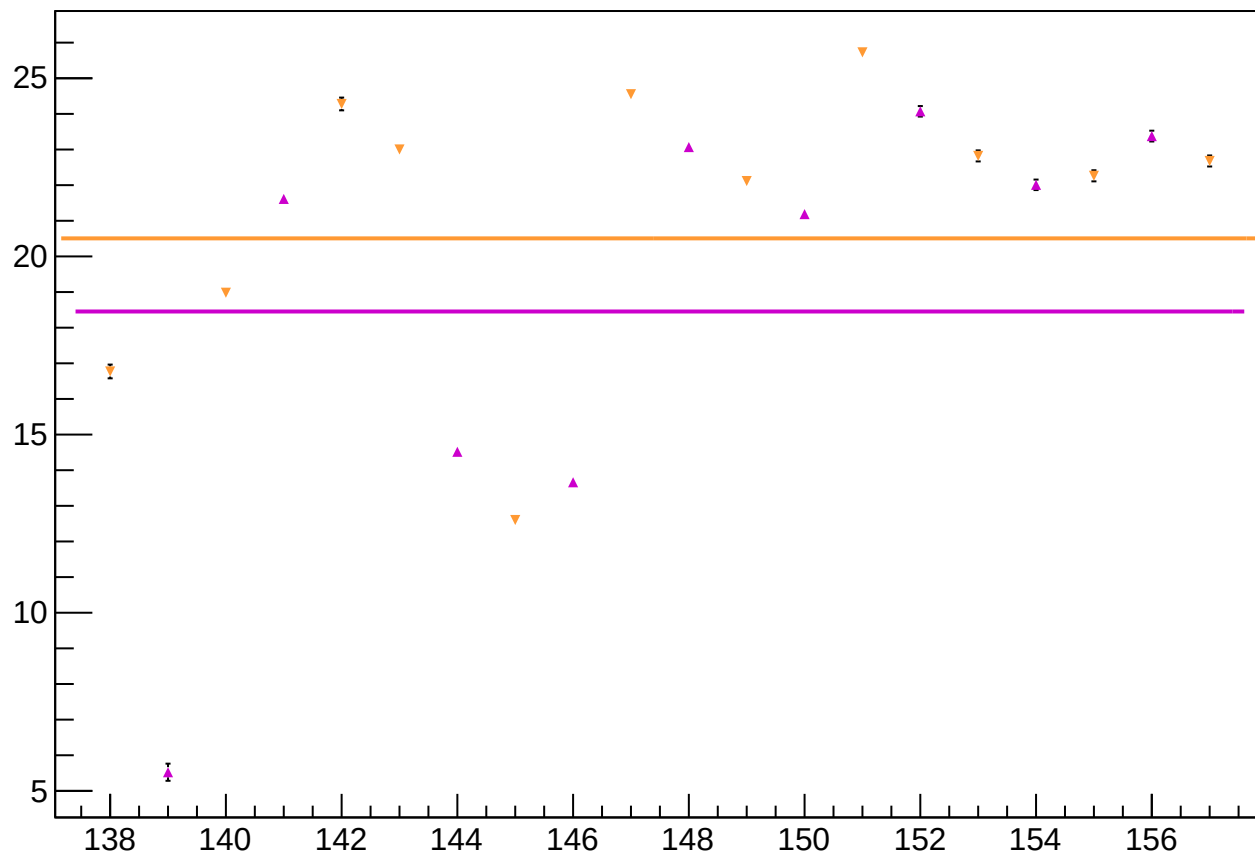
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.662 $\pm$ 0.047 χ^2 /NDF:2274.5/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.670 $\pm$ 0.046 χ^2 /NDF:1737.5/8

Left: -7.170 $\pm$ 0.033 χ^2 /NDF: 4247.5/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.670 $\pm$ 0.046 χ^2 /NDF:1737.5/8
 Out: -6.662 $\pm$ 0.047 χ^2 /NDF:2274.5/10
 All: -7.170 $\pm$ 0.033 χ^2 /NDF: 4247.5/19

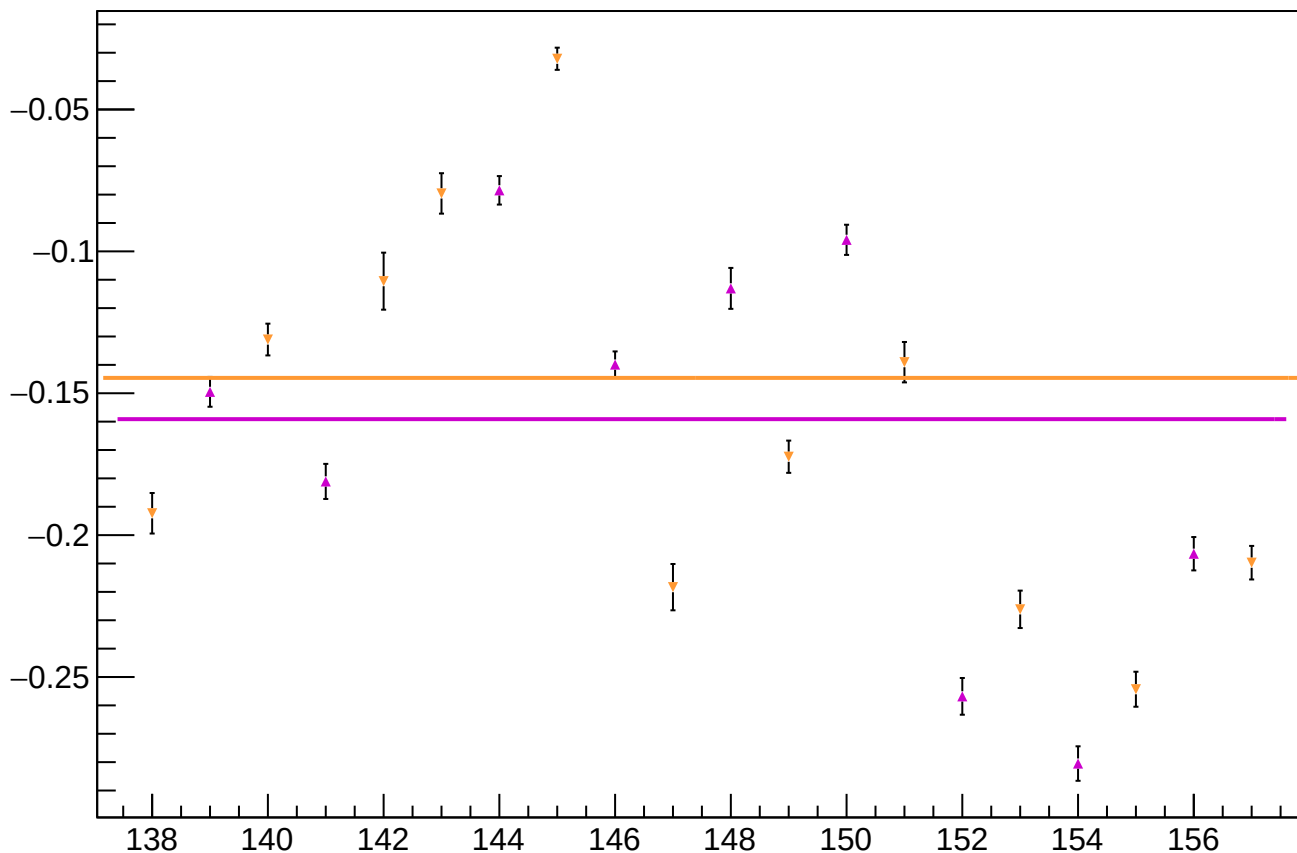
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.506 $\pm$ 0.039 χ^2 /NDF:12764.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 18.454 $\pm$ 0.040 χ^2 /NDF:13878.8/8

Left: 19.485 $\pm$ 0.028 χ^2 /NDF: 27987.4/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 18.454 $\pm$ 0.040 χ^2 /NDF:13878.8/8
 Out: 20.506 $\pm$ 0.039 χ^2 /NDF:12764.0/10
 All: 19.485 $\pm$ 0.028 χ^2 /NDF: 27987.4/19

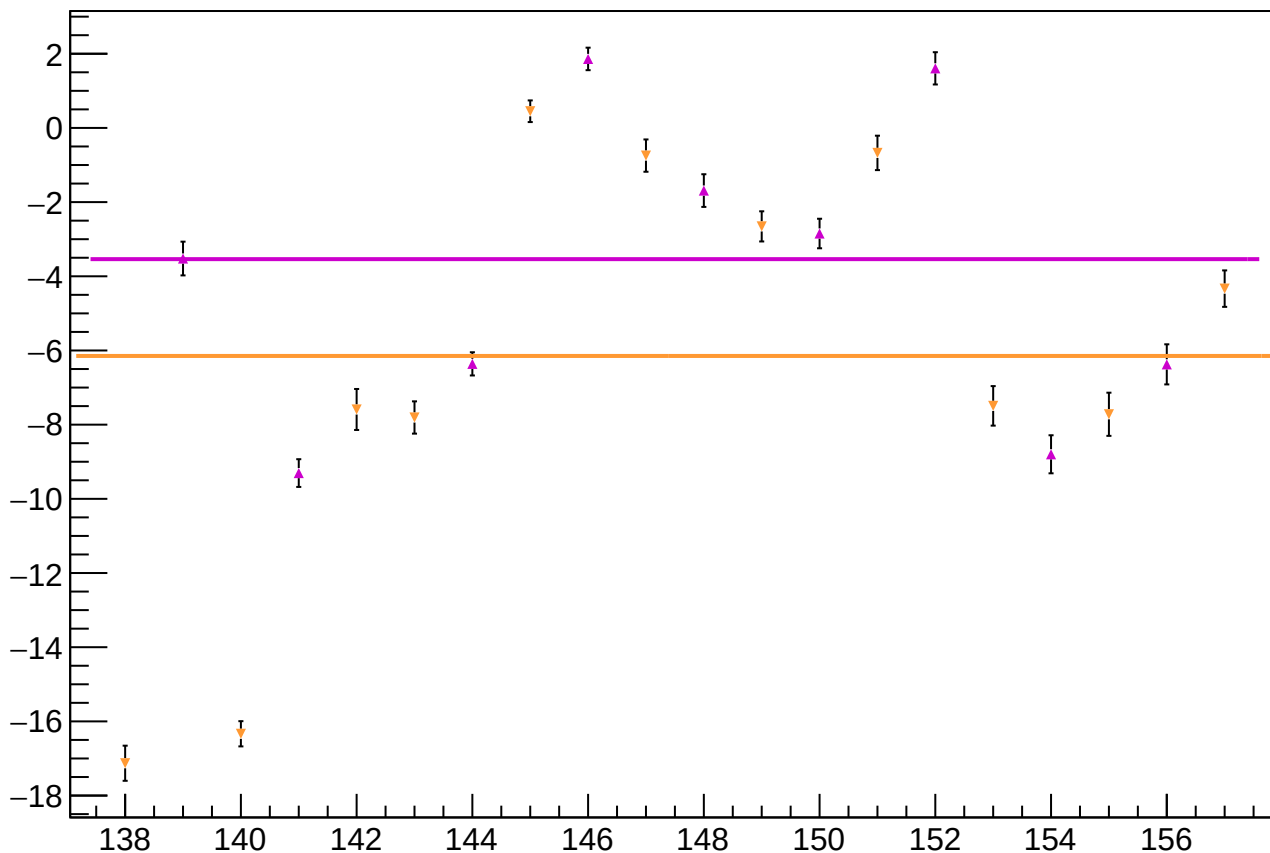
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.002 χ^2 /NDF:1670.3/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.159 $\pm$ 0.002 χ^2 /NDF:1164.7/8

Left: -0.152 $\pm$ 0.001 χ^2 /NDF: 2865.3/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.159 $\pm$ 0.002 χ^2 /NDF:1164.7/8
 Out: -0.145 $\pm$ 0.002 χ^2 /NDF:1670.3/10
 All: -0.152 $\pm$ 0.001 χ^2 /NDF: 2865.3/19

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



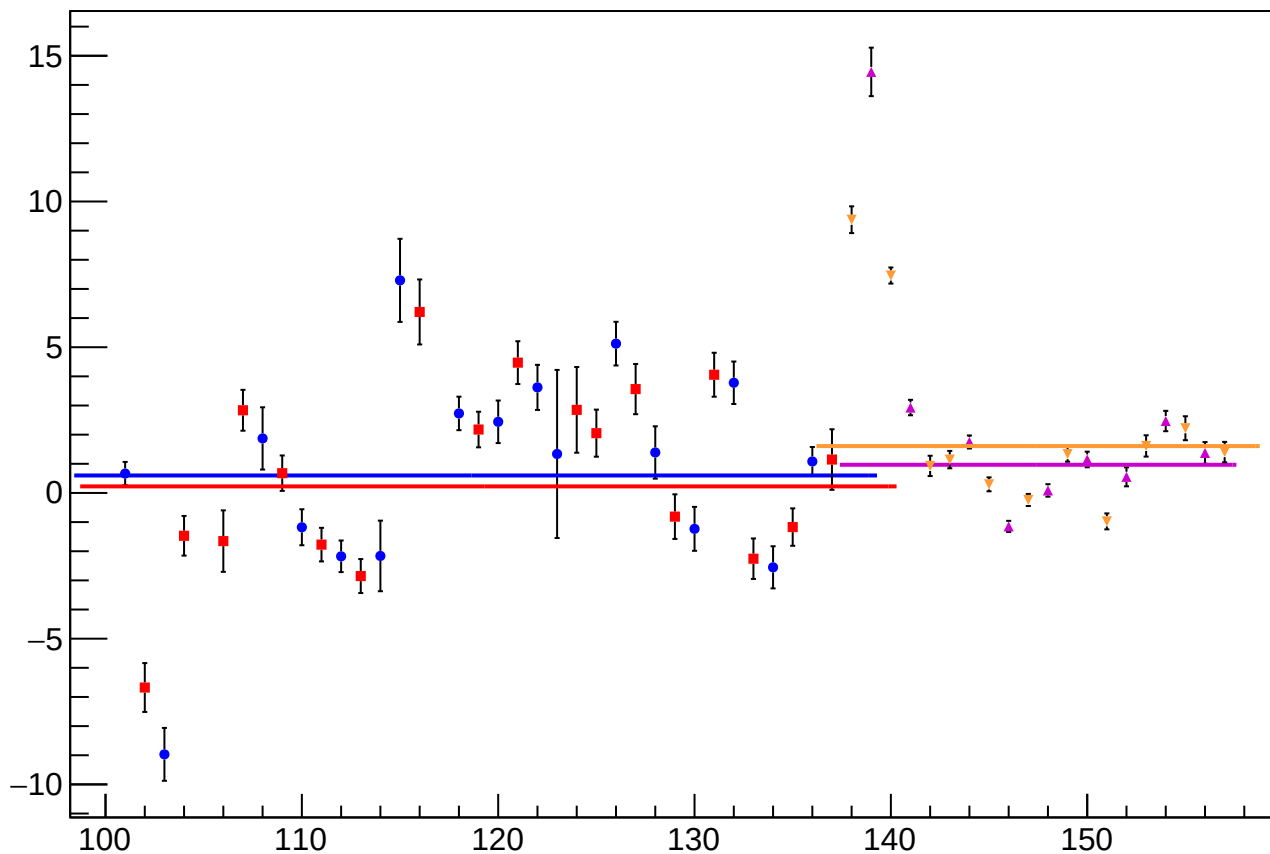
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.148+/-0.129 χ^2/NDF : 2361.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.538+/-0.132 χ^2/NDF : 929.1/8

Left: -4.875+/-0.092 χ^2/NDF : 3489.6/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.538+/-0.132 χ^2/NDF : 929.1/8
 Out: -6.148+/-0.129 χ^2/NDF : 2361.3/10

All: -4.875+/-0.092 χ^2/NDF : 3489.6/19

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.608 ± 0.088 χ^2/NDF : 943.3/10

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 0.967 ± 0.090 χ^2/NDF : 490.9/8

Left: 1.293 ± 0.063 χ^2/NDF : 1460.1/19

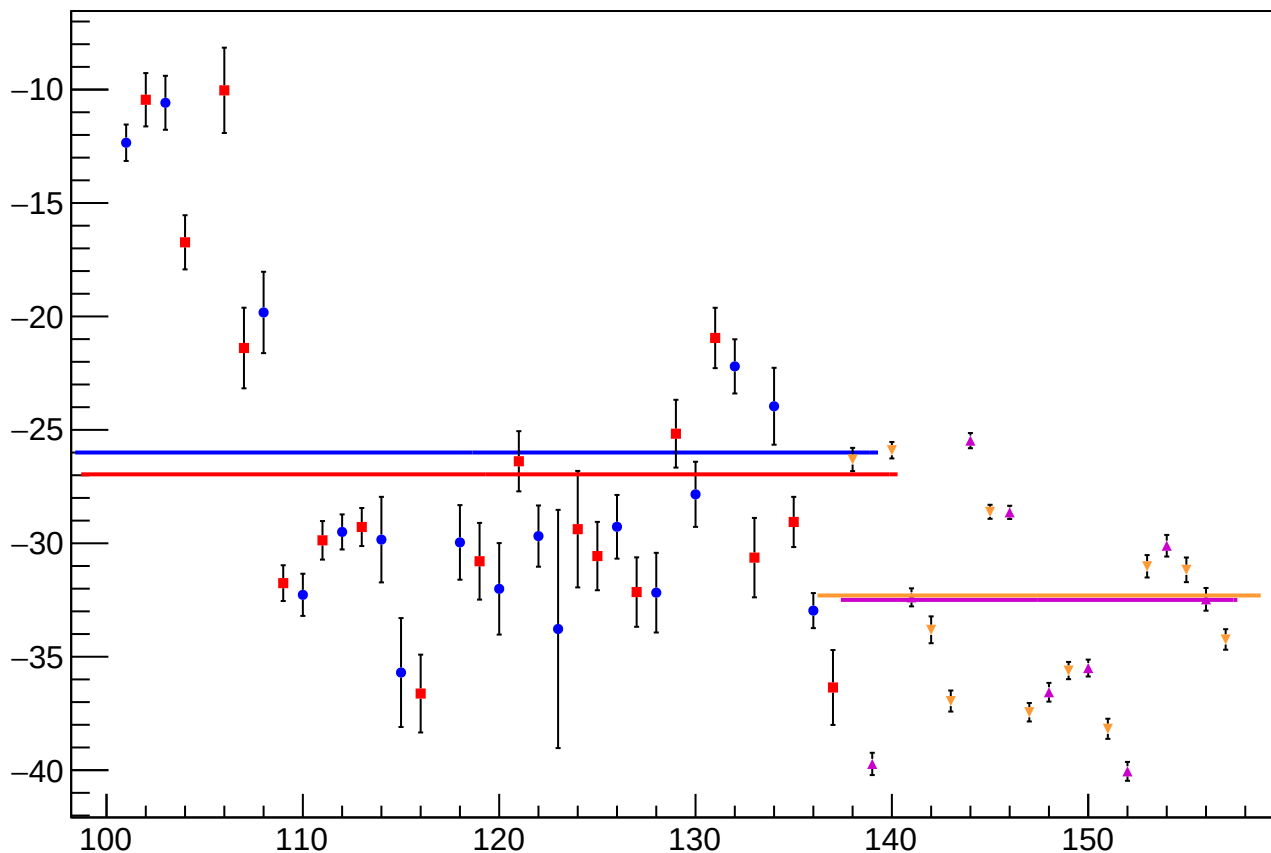
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 0.886 ± 0.079 χ^2/NDF : 786.5/25

Out: 1.326 ± 0.079 χ^2/NDF : 1266.3/28

All: 1.108 ± 0.056 χ^2/NDF : 2068.3/54

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.299 ± 0.129 χ^2/NDF : 1139.2/10

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.495 ± 0.131 χ^2/NDF : 1347.2/8

Left: -32.396 ± 0.092 χ^2/NDF : 2487.5/19

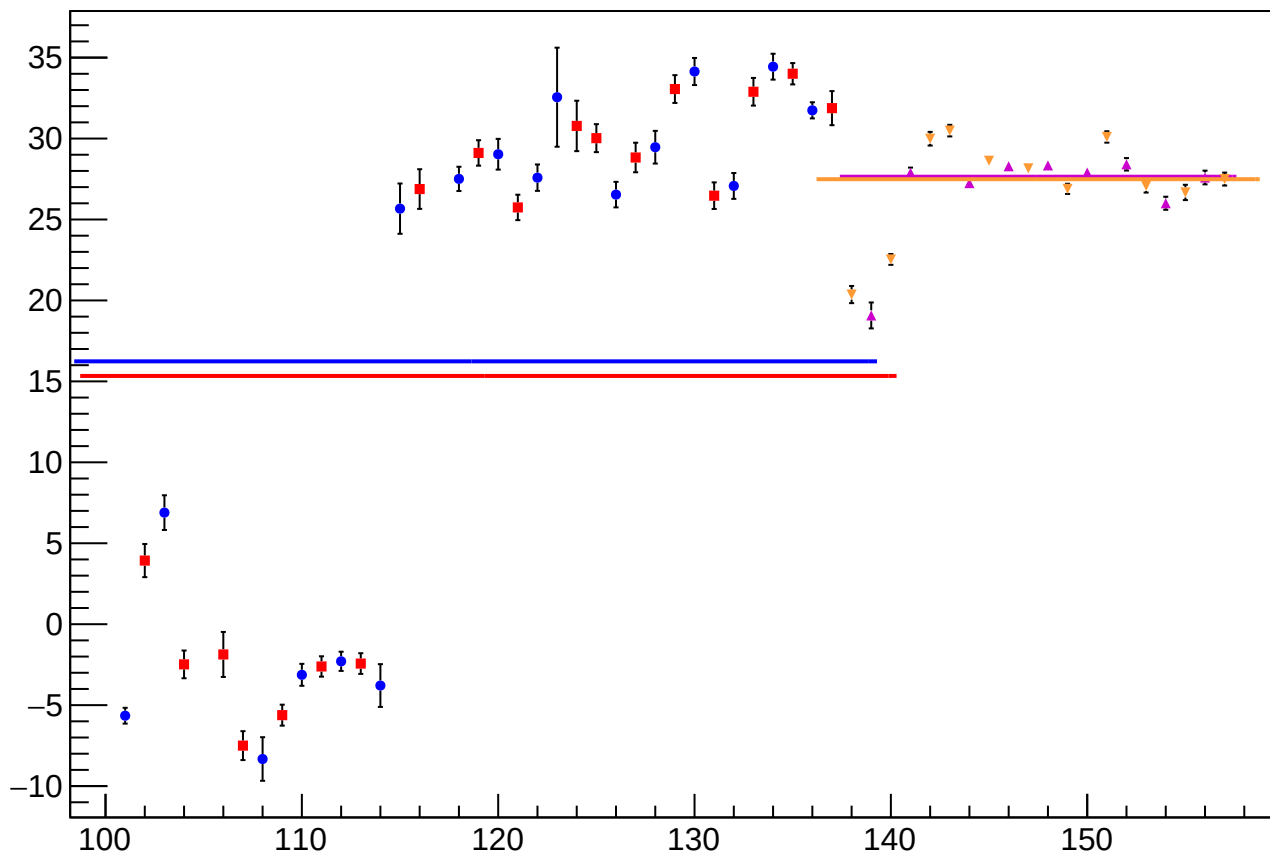
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.456 ± 0.120 χ^2/NDF : 2433.5/25

Out: -31.455 ± 0.119 χ^2/NDF : 1944.3/28

All: -31.455 ± 0.084 χ^2/NDF : 4377.8/54

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.489 $\pm$ 0.108 χ^2 /NDF: 591.1/10

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.643 $\pm$ 0.110 χ^2 /NDF: 151.0/8

Left: 27.564 $\pm$ 0.077 χ^2 /NDF: 743.1/19

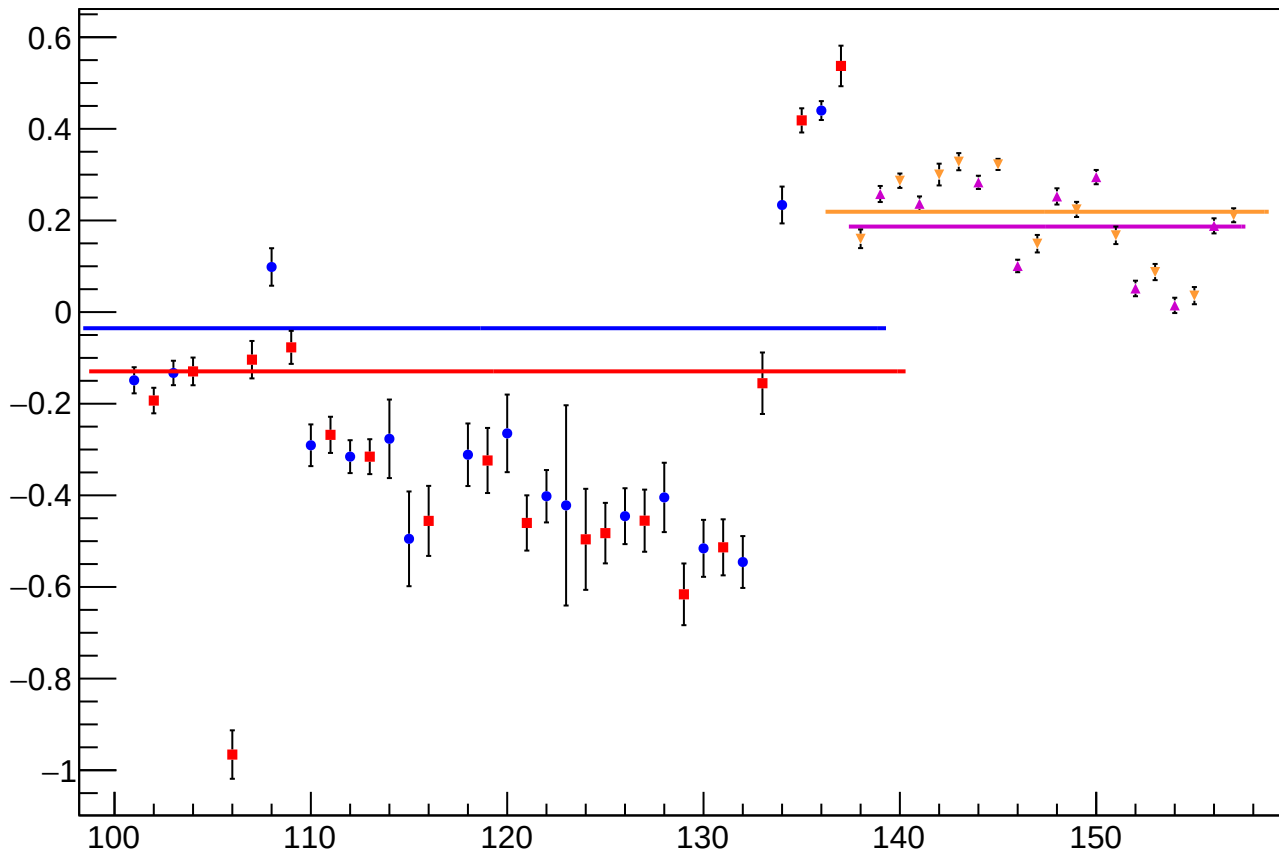
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.819 $\pm$ 0.095 χ^2 /NDF: 10403.2/25

Out: 24.693 $\pm$ 0.095 χ^2 /NDF: 10776.9/28

All: 24.755 $\pm$ 0.067 χ^2 /NDF: 21180.9/54

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.010 χ^2 /NDF: 1013.6/16

Left Out: 0.219 $\pm$ 0.005 χ^2 /NDF:316.9/10

Right Out: -0.129 $\pm$ 0.010 χ^2 /NDF: 1161.5/17

Left In: 0.187 $\pm$ 0.005 χ^2 /NDF:341.2/8

Left: 0.203 $\pm$ 0.004 χ^2 /NDF: 677.1/19

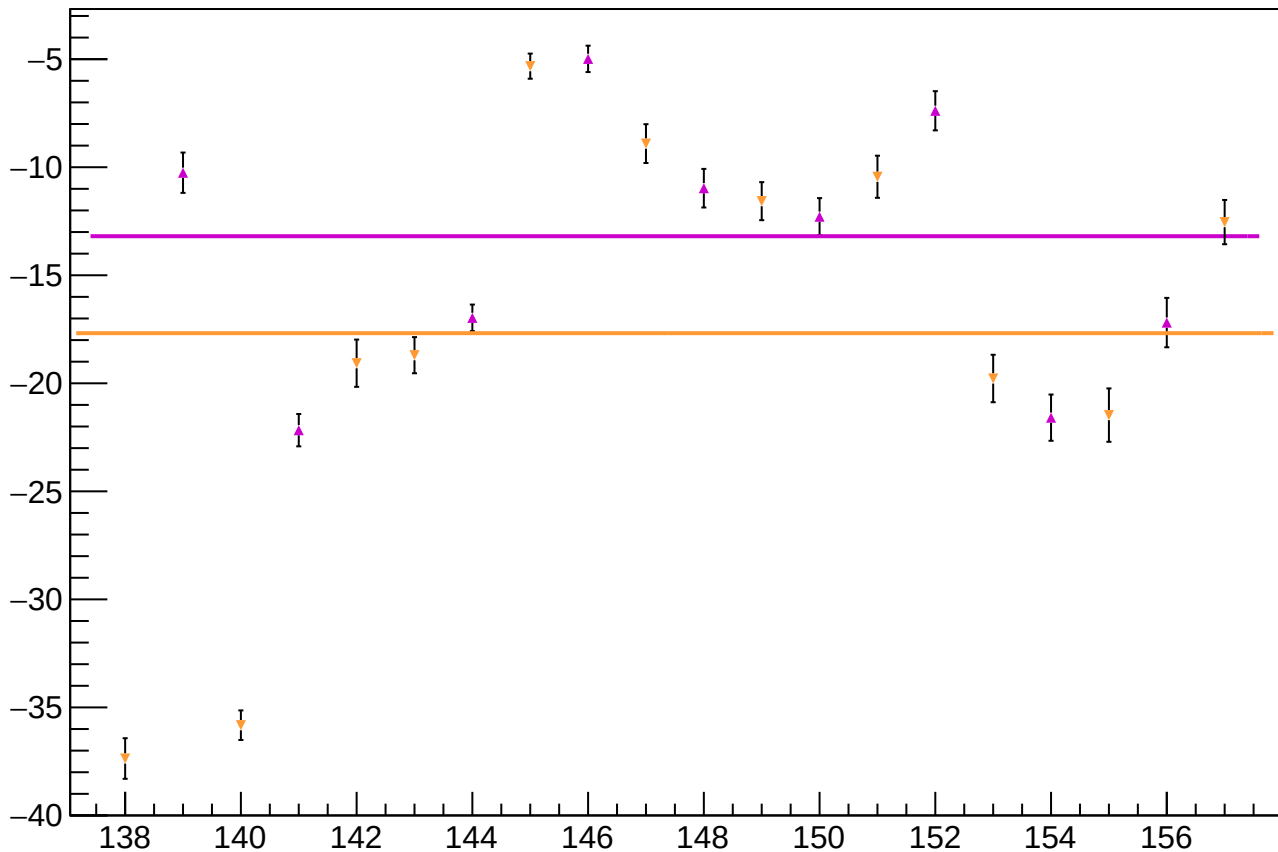
Right: -0.082 $\pm$ 0.007 χ^2 /NDF: 2216.5/34

In: 0.140 $\pm$ 0.005 χ^2 /NDF:1719.9/25

Out: 0.150 $\pm$ 0.005 χ^2 /NDF:2379.6/28

All: 0.145 $\pm$ 0.003 χ^2 /NDF: 4101.7/54

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.680+/-0.263 χ^2/NDF :1832.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.193+/-0.270 χ^2/NDF :494.4/8

Left: -15.498+/-0.188 χ^2/NDF : 2469.3/19

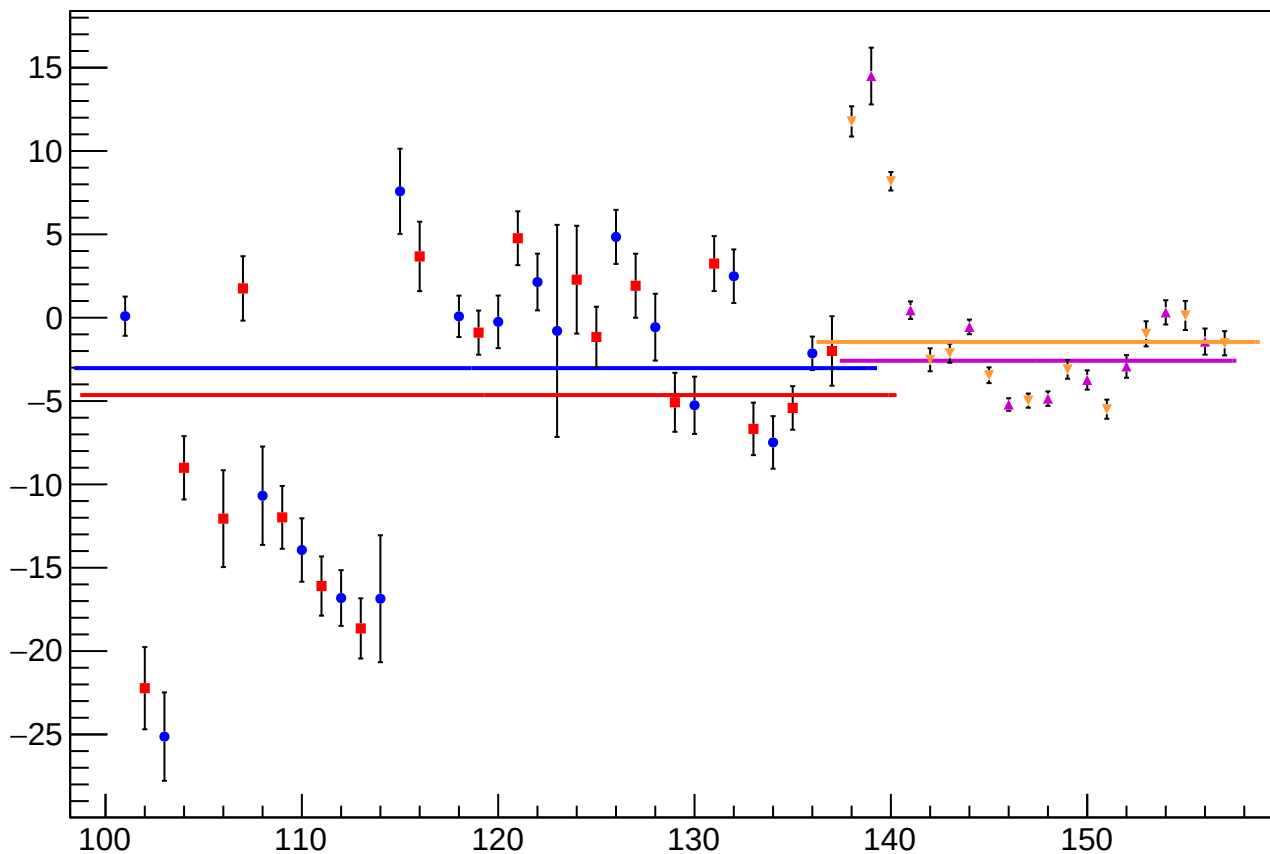
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.193+/-0.270 χ^2/NDF :494.4/8

Out: -17.680+/-0.263 χ^2/NDF :1832.8/10

All: -15.498+/-0.188 χ^2/NDF : 2469.3/19

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: -1.453 ± 0.180 χ^2/NDF : 666.1/10

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.583 ± 0.182 χ^2/NDF : 252.9/8

Left: -2.012 ± 0.128 χ^2/NDF : 938.4/19

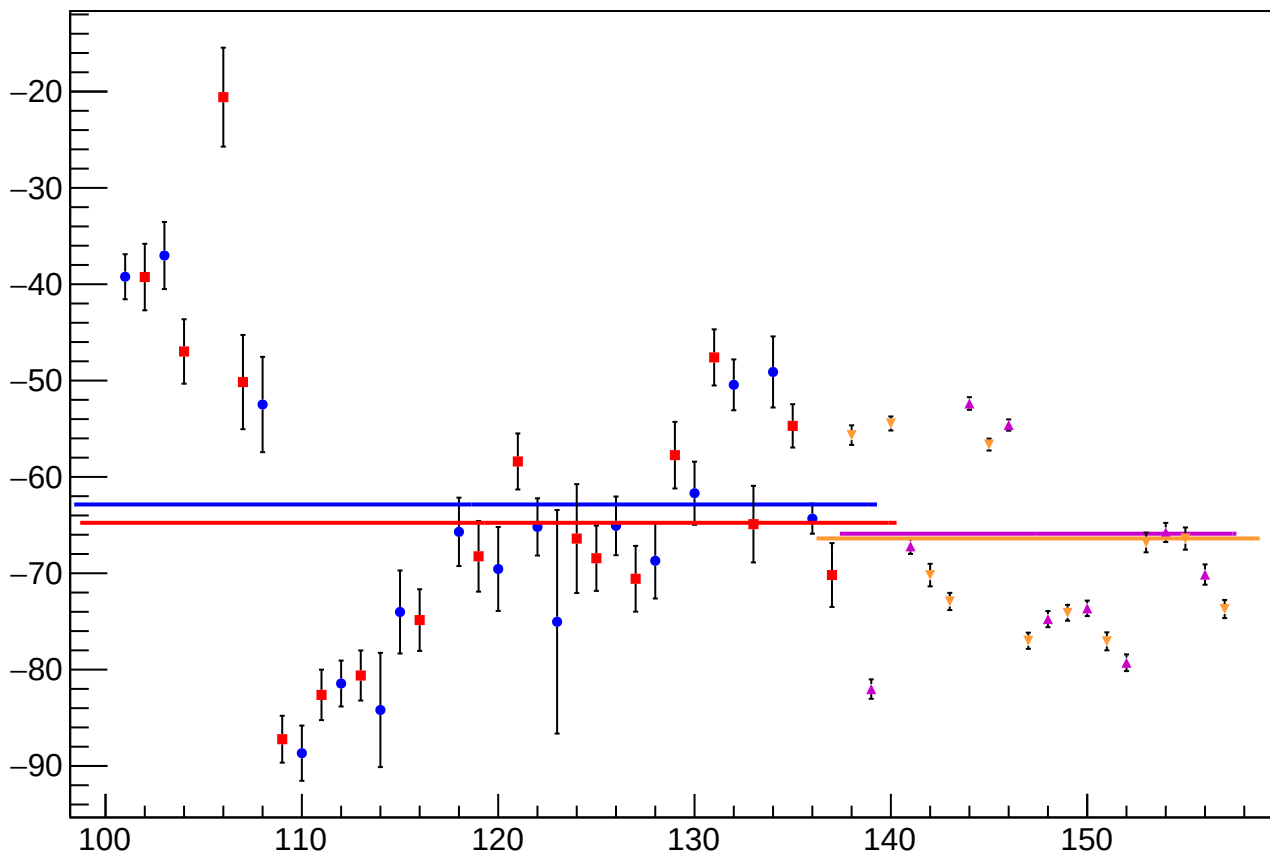
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.656 ± 0.166 χ^2/NDF : 534.5/25

Out: -1.936 ± 0.166 χ^2/NDF : 1008.3/28

All: -2.295 ± 0.118 χ^2/NDF : 1552.2/54

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: -66.386 ± 0.264 $\chi^2/\text{NDF}: 1132.1/10$

Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$

Left In: -65.892 ± 0.267 $\chi^2/\text{NDF}: 1509.1/8$

Left: -66.142 ± 0.188 $\chi^2/\text{NDF}: 2642.9/19$

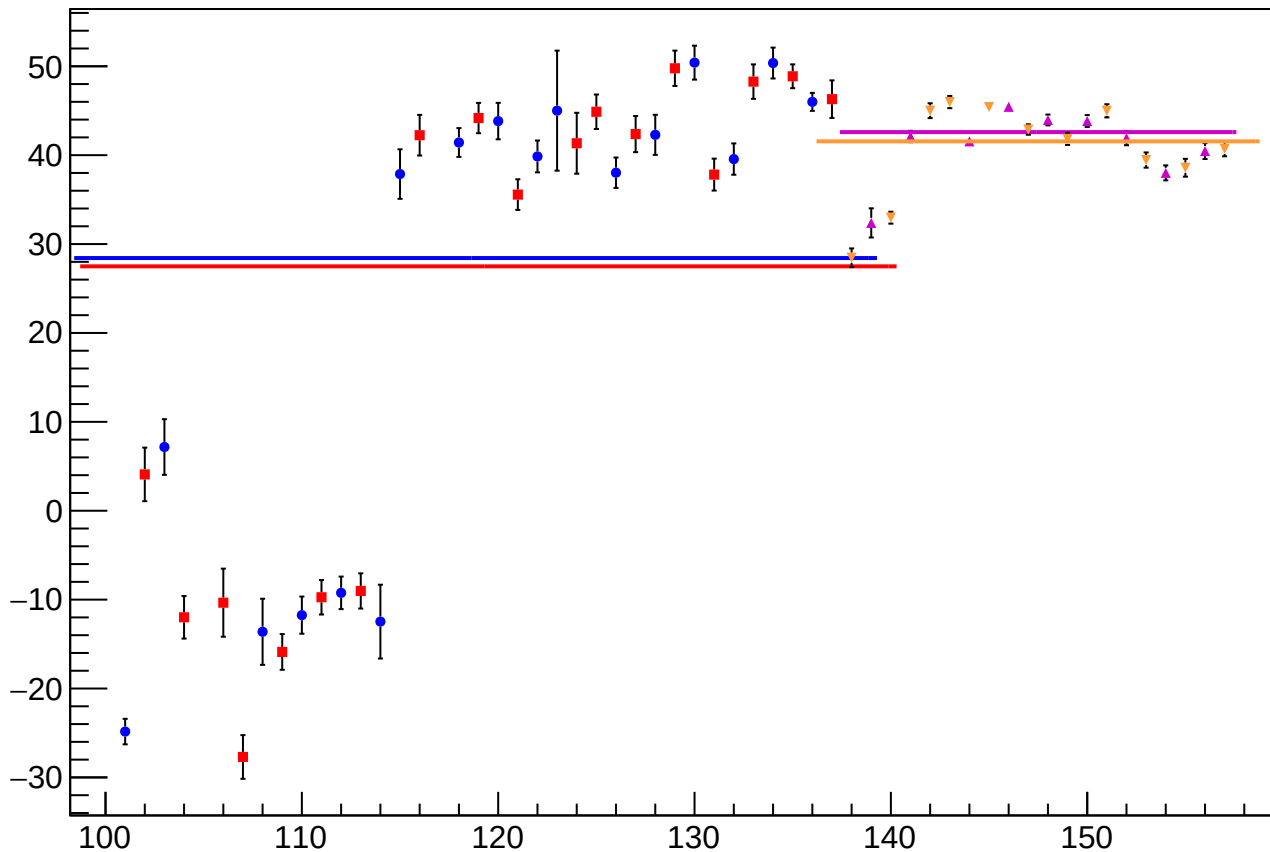
Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$

In: -65.541 ± 0.251 $\chi^2/\text{NDF}: 1891.7/25$

Out: -66.208 ± 0.249 $\chi^2/\text{NDF}: 1552.4/28$

All: -65.878 ± 0.177 $\chi^2/\text{NDF}: 3447.6/54$

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: 41.554 $\pm$ 0.220 χ^2 /NDF:470.6/10

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 42.595 $\pm$ 0.223 χ^2 /NDF:123.5/8

Left: 42.066 $\pm$ 0.157 χ^2 /NDF: 605.1/19

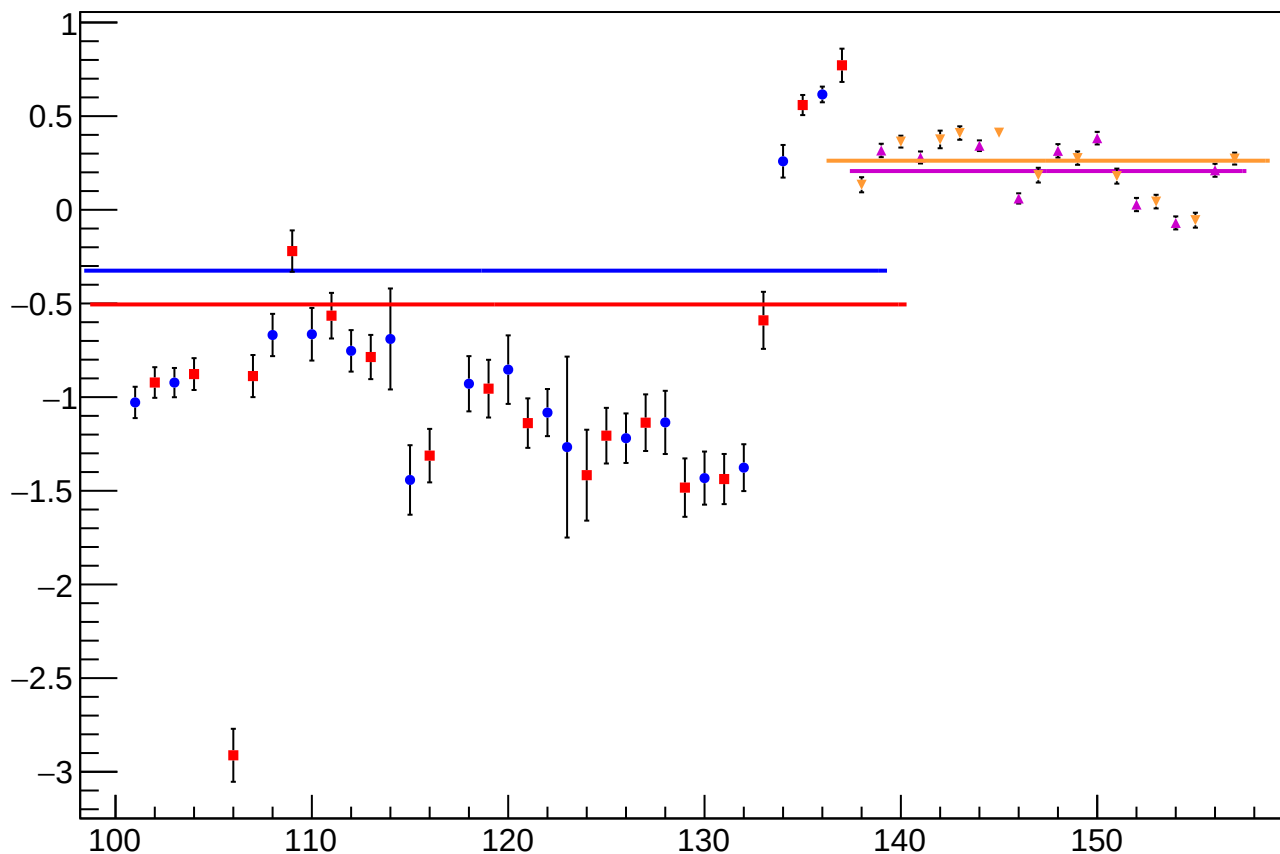
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.873 $\pm$ 0.201 χ^2 /NDF:4219.9/25

Out: 39.108 $\pm$ 0.200 χ^2 /NDF:4211.0/28

All: 39.489 $\pm$ 0.142 χ^2 /NDF: 8438.1/54

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.262 ± 0.011 χ^2/NDF : 188.9/10

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.207 ± 0.011 χ^2/NDF : 190.2/8

Left: 0.235 ± 0.008 χ^2/NDF : 392.3/19

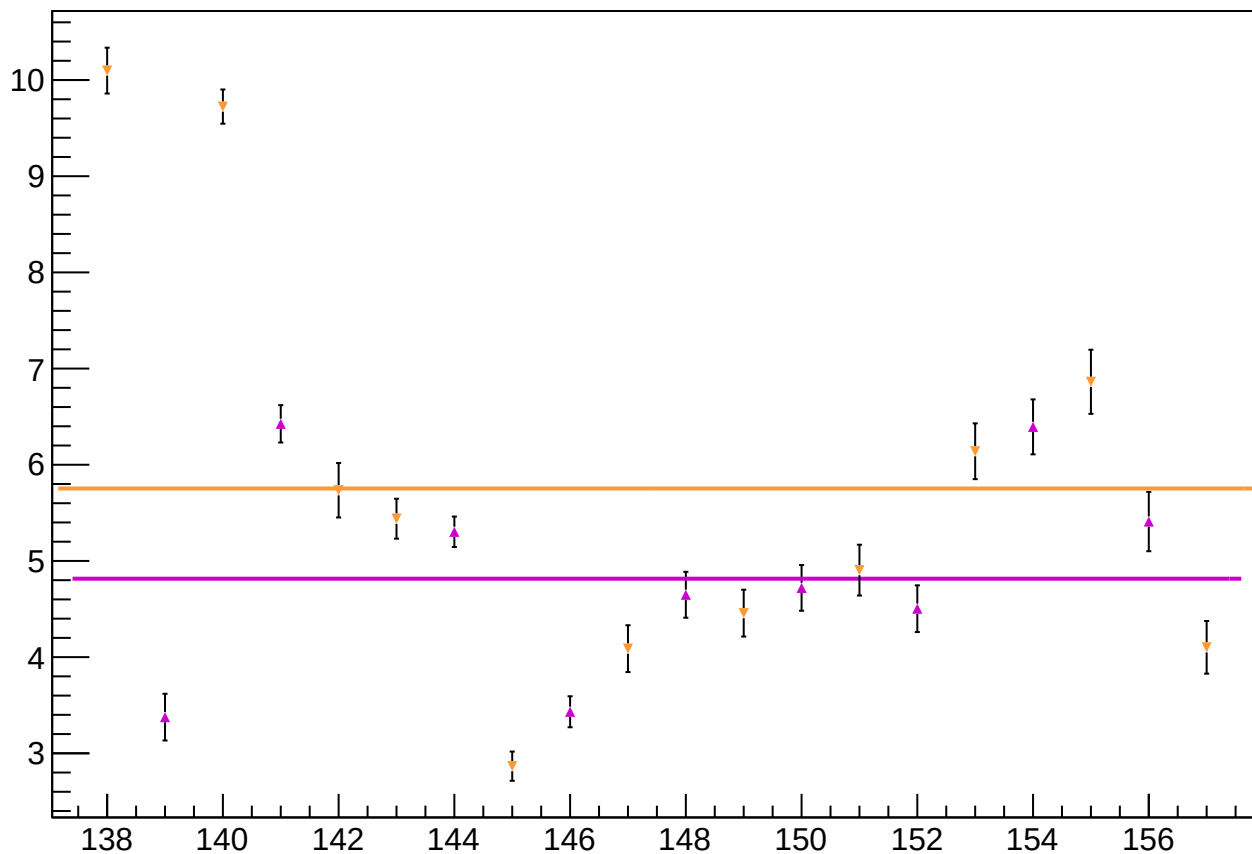
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.121 ± 0.010 χ^2/NDF : 1584.1/25

Out: 0.152 ± 0.010 χ^2/NDF : 2111.3/28

All: 0.137 ± 0.007 χ^2/NDF : 3700.0/54

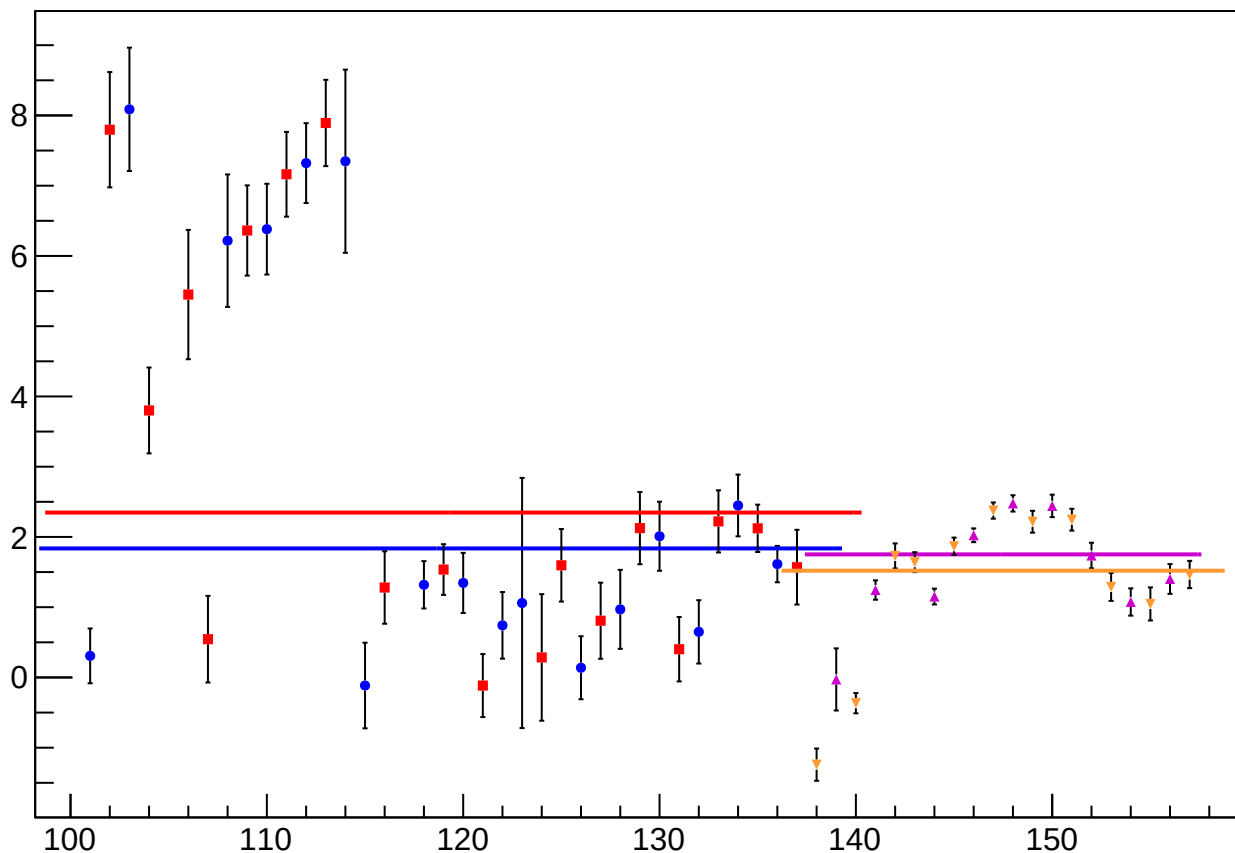
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.815+/-0.071 χ^2/NDF :223.5/8

Left: 5.300+/-0.050 χ^2/NDF : 1639.7/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.815+/-0.071 χ^2/NDF :223.5/8
 Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 All: 5.300+/-0.050 χ^2/NDF : 1639.7/19

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.520 ± 0.048 χ^2/NDF : 428.2/10

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.752 ± 0.048 χ^2/NDF : 138.4/8

Left: 1.635 ± 0.034 χ^2/NDF : 578.3/19

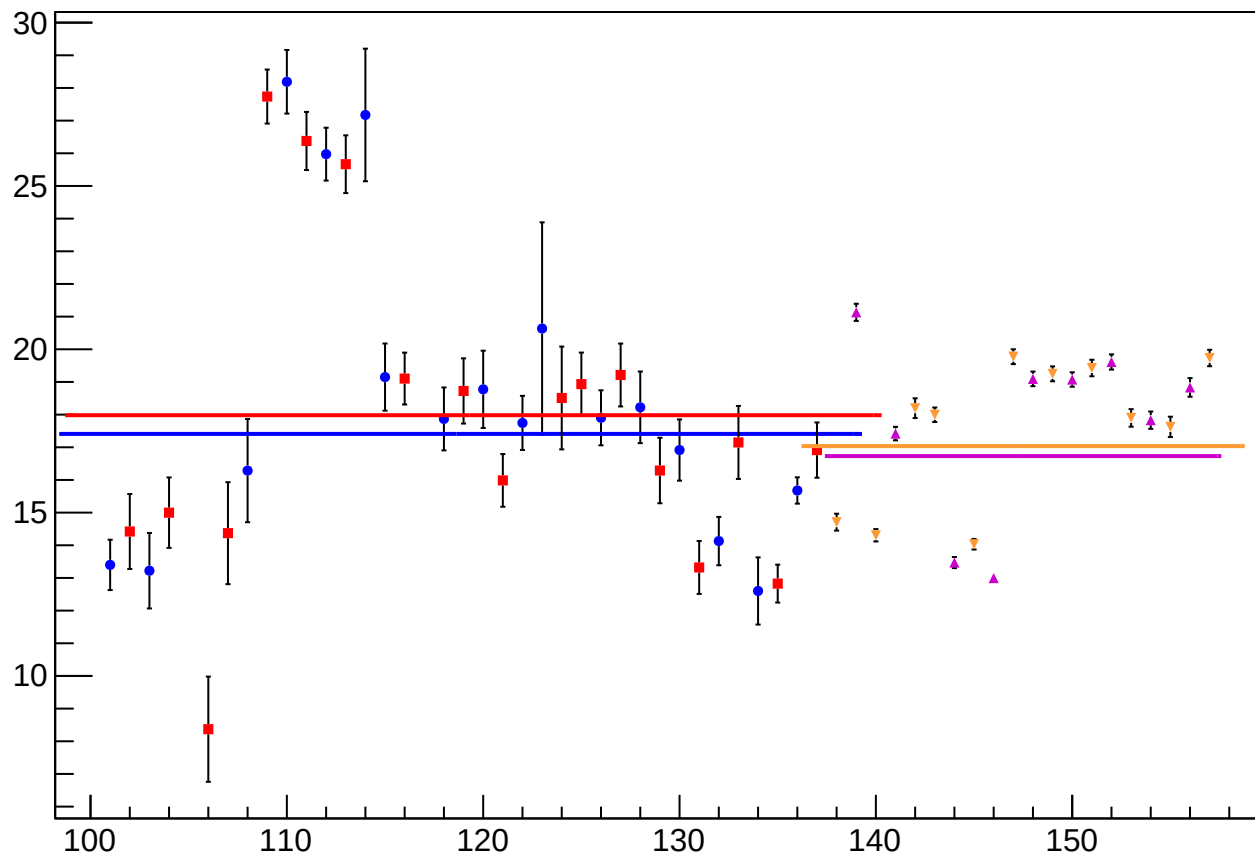
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.764 ± 0.044 χ^2/NDF : 432.9/25

Out: 1.628 ± 0.044 χ^2/NDF : 797.6/28

All: 1.696 ± 0.031 χ^2/NDF : 1235.2/54

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 17.036 $\pm$ 0.070 χ^2 /NDF:1124.4/10

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.731 $\pm$ 0.071 χ^2 /NDF:1692.0/8

Left: 16.886 $\pm$ 0.050 χ^2 /NDF: 2825.8/19

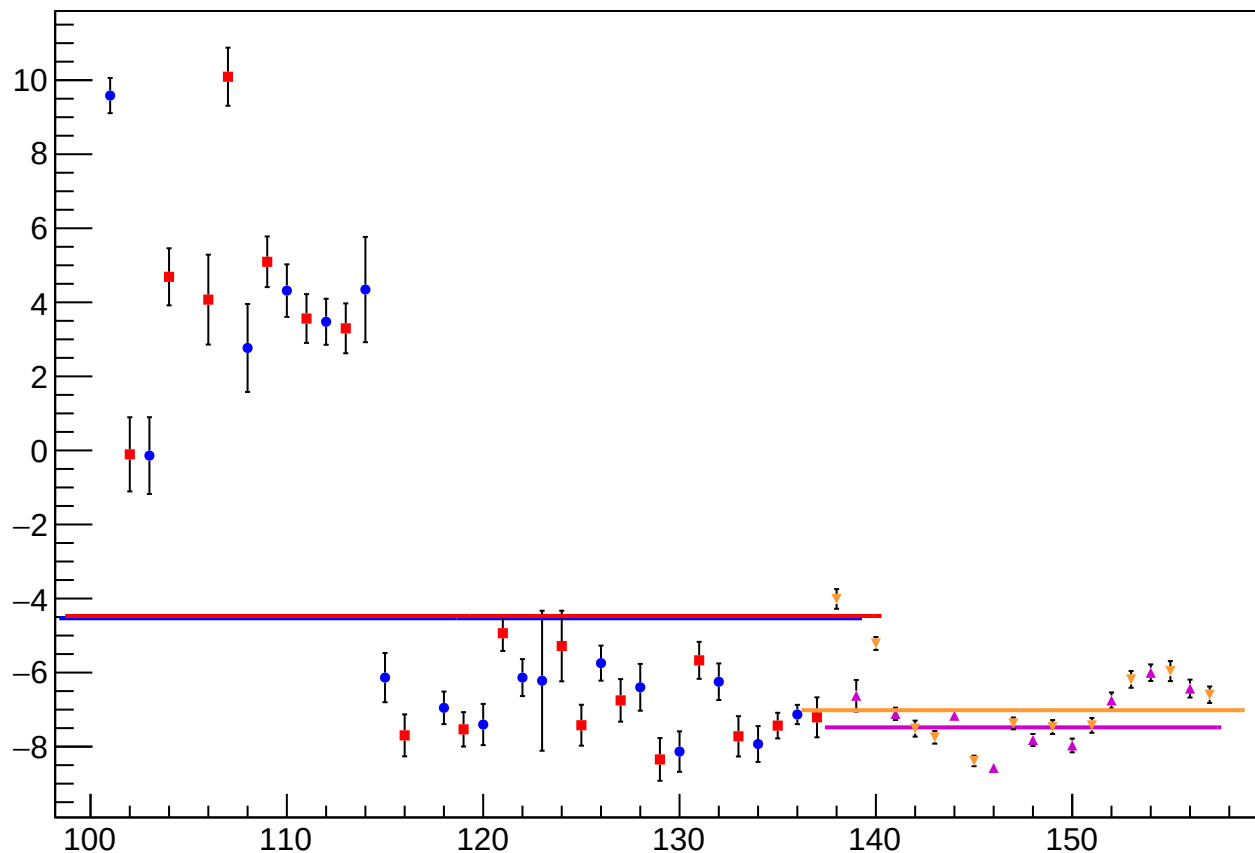
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.799 $\pm$ 0.067 χ^2 /NDF:2066.3/25

Out: 17.122 $\pm$ 0.066 χ^2 /NDF:1632.0/28

All: 16.963 $\pm$ 0.047 χ^2 /NDF: 3710.1/54

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.016 ± 0.058 χ^2/NDF : 398.8/10

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.480 ± 0.059 χ^2/NDF : 176.9/8

Left: -7.244 ± 0.041 χ^2/NDF : 607.2/19

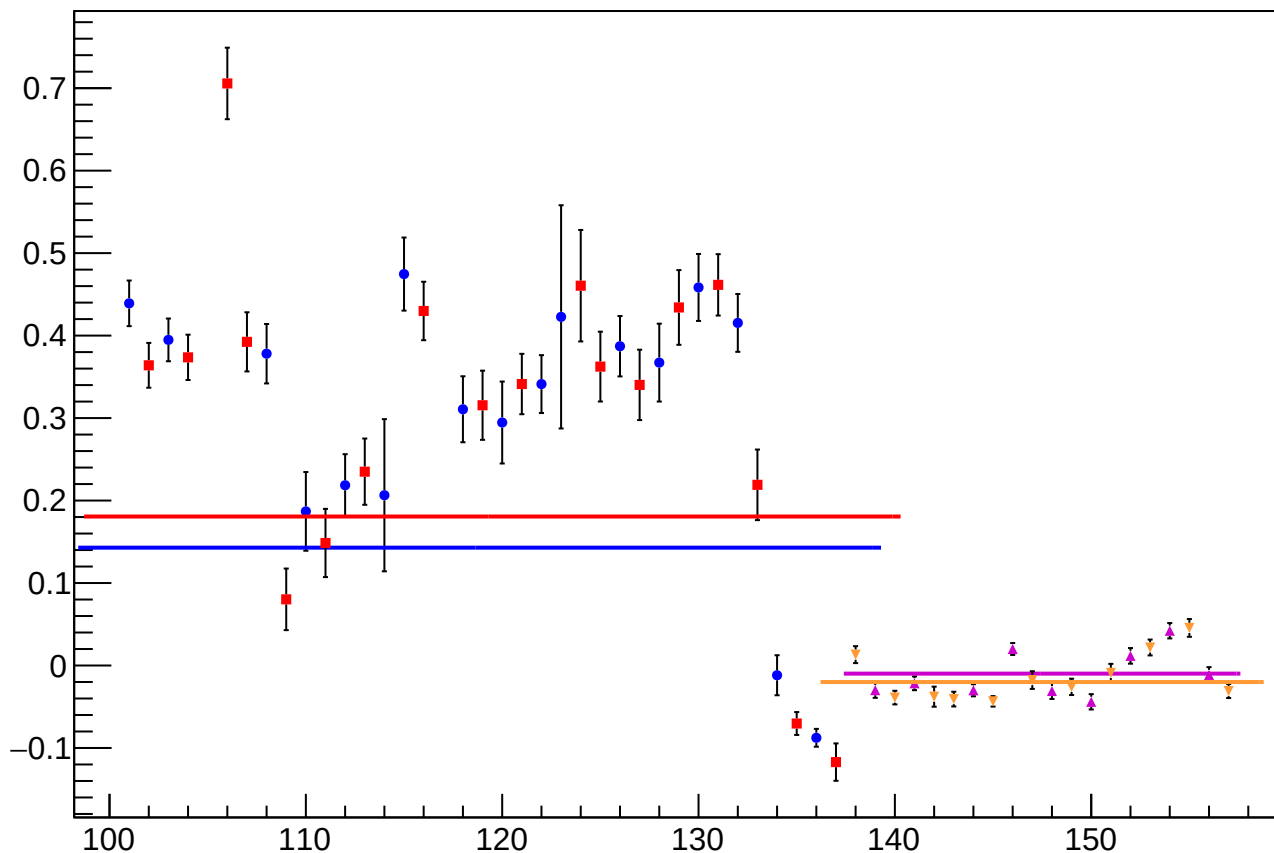
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.975 ± 0.054 χ^2/NDF : 2193.3/25

Out: -6.630 ± 0.053 χ^2/NDF : 2031.1/28

All: -6.801 ± 0.038 χ^2/NDF : 4245.3/54

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.020 $\pm$ 0.003 χ^2 /NDF:96.0/10

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: -0.010 $\pm$ 0.003 χ^2 /NDF:85.9/8

Left: -0.015 $\pm$ 0.002 χ^2 /NDF: 188.4/19

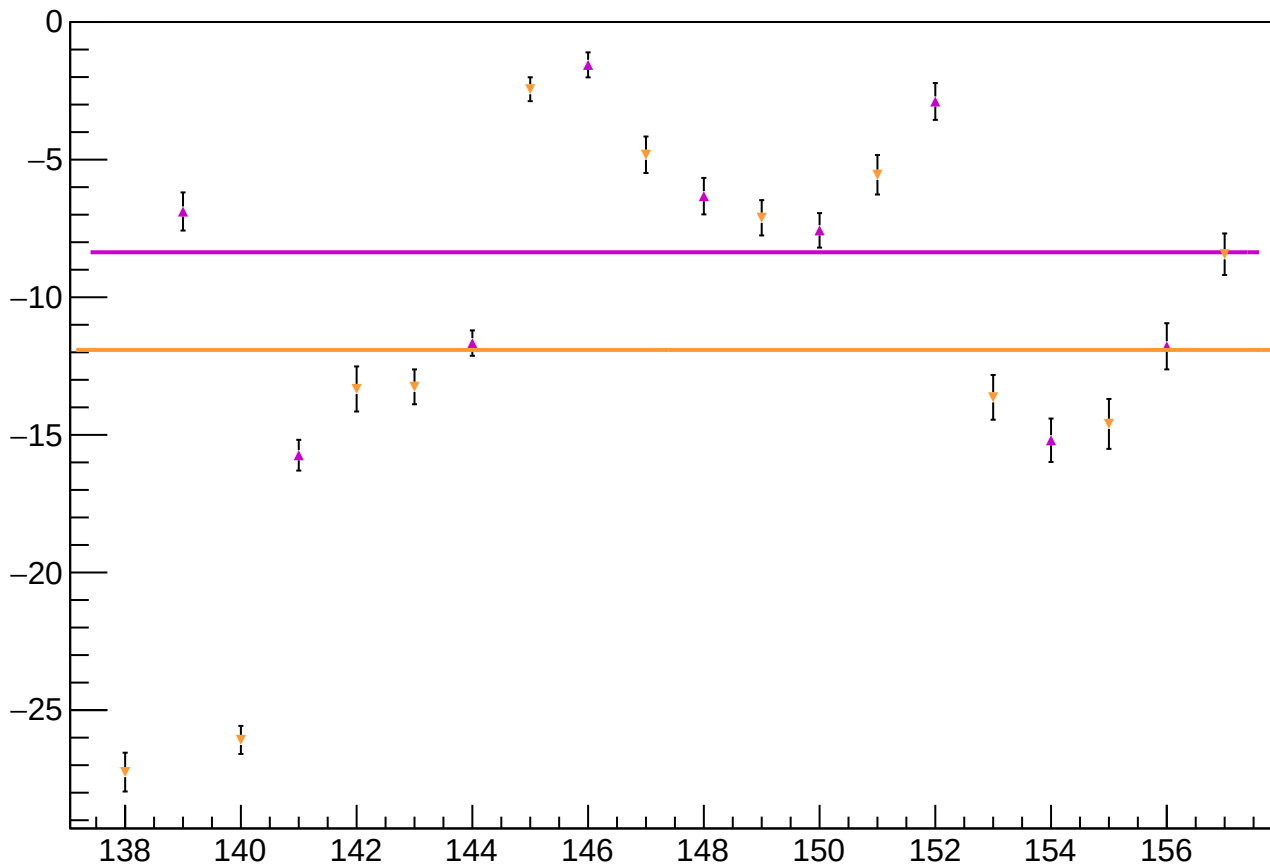
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.012 $\pm$ 0.003 χ^2 /NDF:1546.2/25

Out: 0.005 $\pm$ 0.003 χ^2 /NDF:1743.4/28

All: 0.008 $\pm$ 0.002 χ^2 /NDF: 3293.4/54

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.914+/-0.195 χ^2/NDF :2011.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.366+/-0.200 χ^2/NDF :624.2/8

Left: -10.187+/-0.140 χ^2/NDF : 2796.8/19

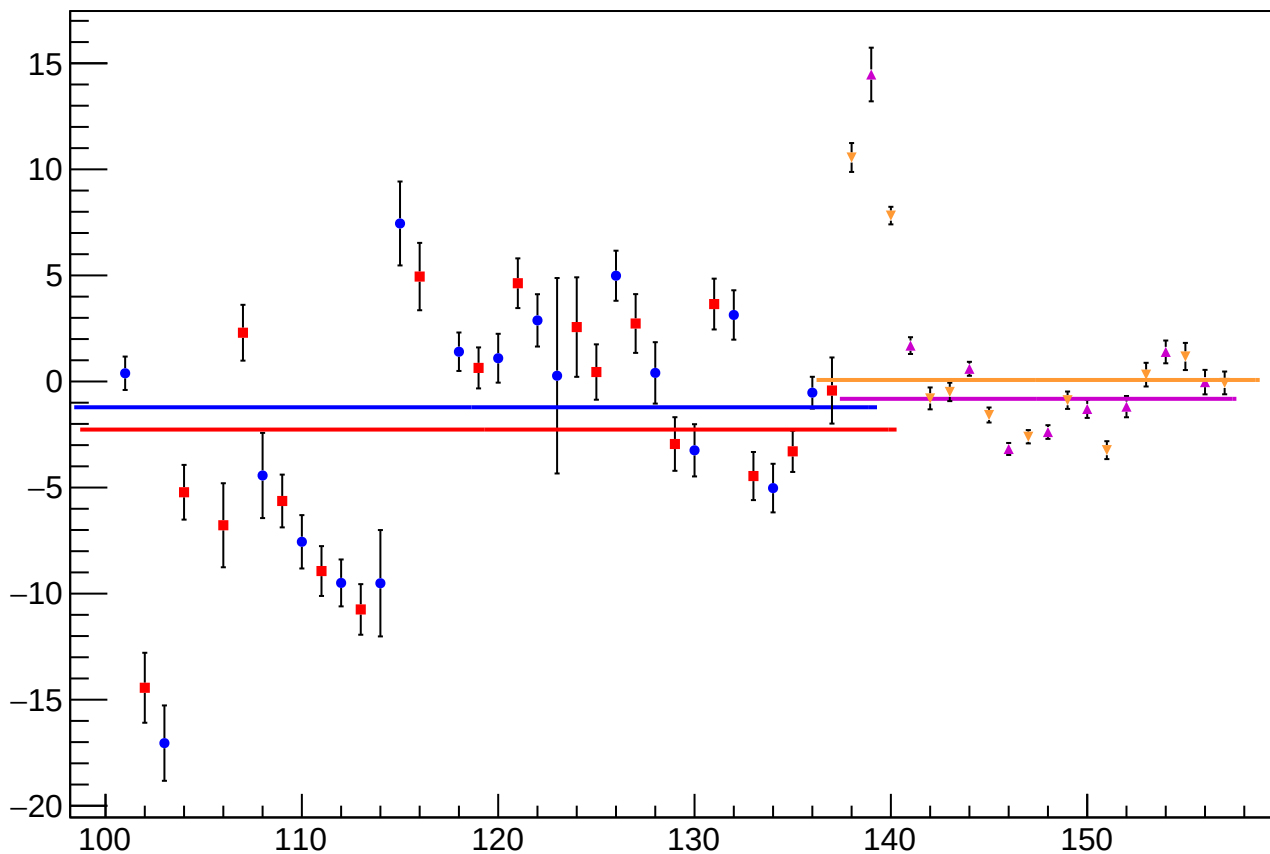
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.366+/-0.200 χ^2/NDF :624.2/8

Out: -11.914+/-0.195 χ^2/NDF :2011.6/10

All: -10.187+/-0.140 χ^2/NDF : 2796.8/19

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: 0.072 ± 0.134 $\chi^2/\text{NDF}: 756.1/10$

Right Out: -2.267 ± 0.302 $\chi^2/\text{NDF}: 283.9/17$

Left In: -0.817 ± 0.136 $\chi^2/\text{NDF}: 318.8/8$

Left: -0.367 ± 0.095 $\chi^2/\text{NDF}: 1096.7/19$

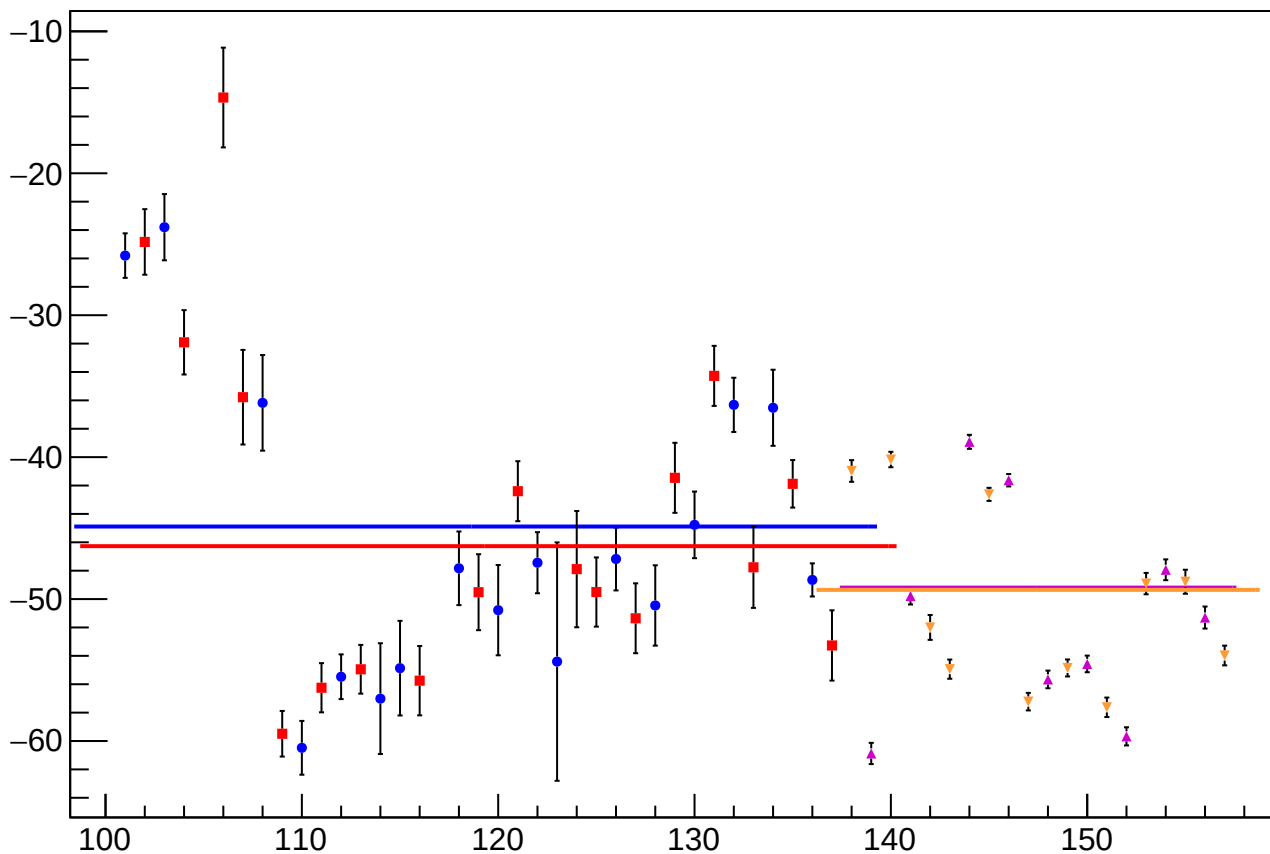
Right: -1.720 ± 0.209 $\chi^2/\text{NDF}: 568.9/34$

In: -0.889 ± 0.123 $\chi^2/\text{NDF}: 599.1/25$

Out: -0.311 ± 0.122 $\chi^2/\text{NDF}: 1090.0/28$

All: -0.599 ± 0.087 $\chi^2/\text{NDF}: 1700.2/54$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -49.351 ± 0.196 χ^2/NDF : 1133.8/10

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -49.190 ± 0.198 χ^2/NDF : 1448.9/8

Left: -49.272 ± 0.139 χ^2/NDF : 2582.9/19

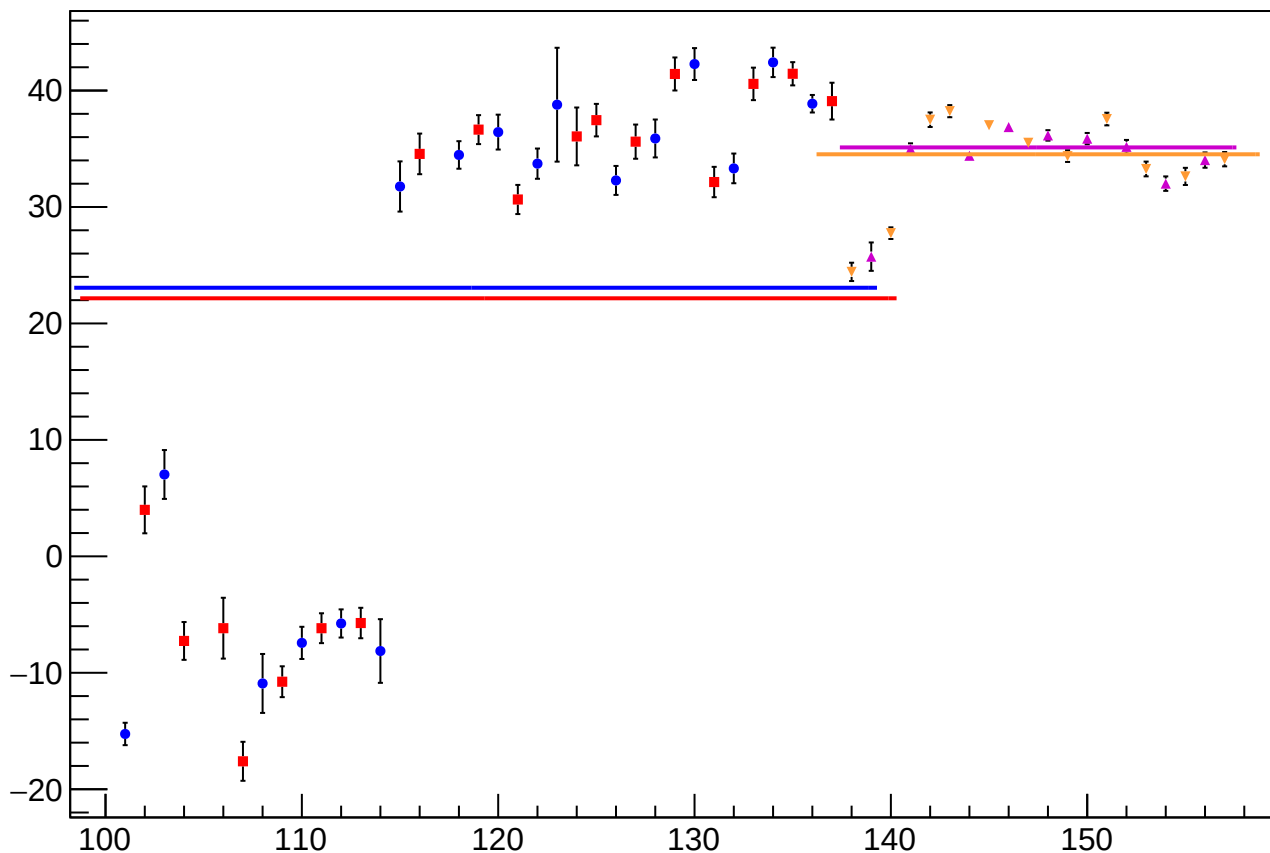
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.650 ± 0.185 χ^2/NDF : 1928.4/25

Out: -48.980 ± 0.184 χ^2/NDF : 1584.0/28

All: -48.817 ± 0.131 χ^2/NDF : 3514.0/54

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.526 $\pm$ 0.163 χ^2 /NDF:505.4/10

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.117 $\pm$ 0.166 χ^2 /NDF:122.2/8

Left: 34.817 $\pm$ 0.116 χ^2 /NDF: 634.0/19

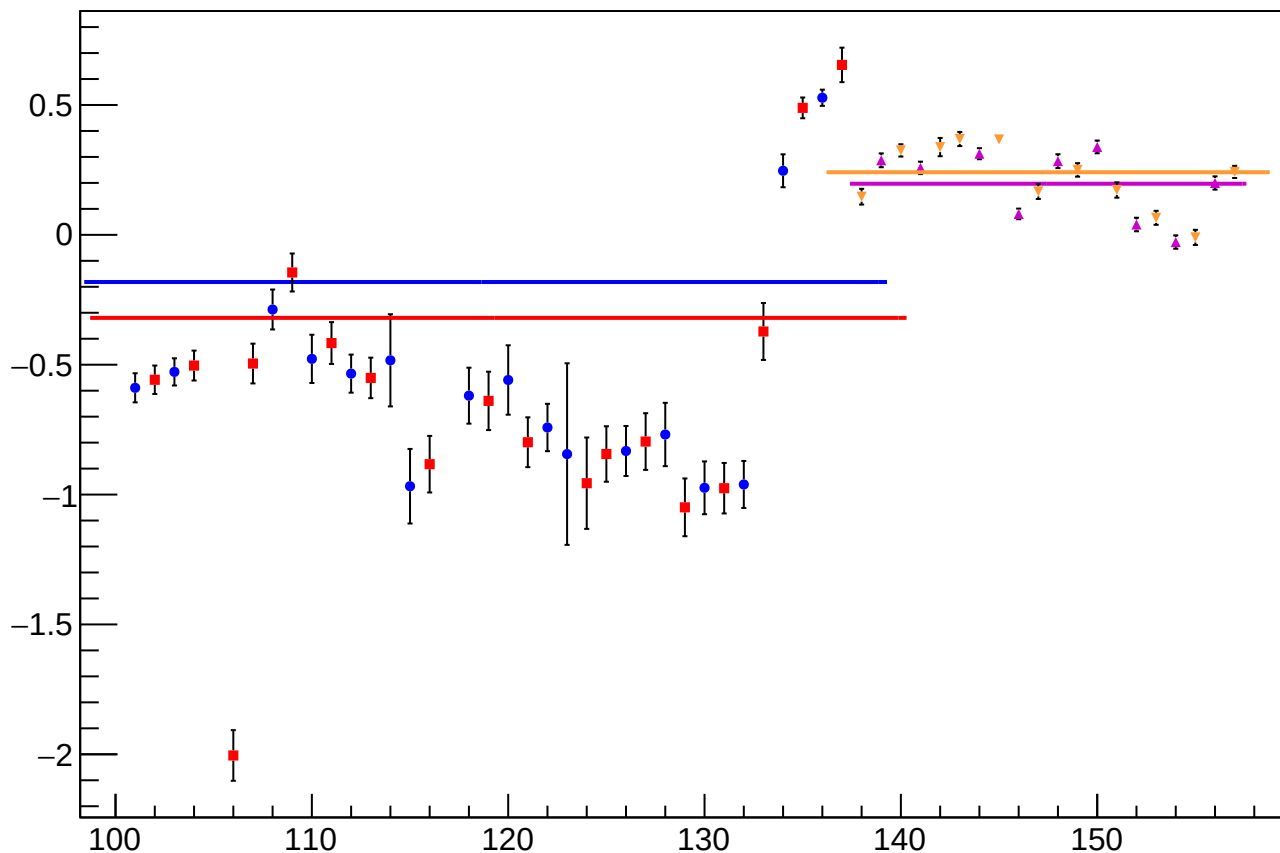
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.648 $\pm$ 0.148 χ^2 /NDF:5538.5/25

Out: 32.214 $\pm$ 0.147 χ^2 /NDF:5606.5/28

All: 32.430 $\pm$ 0.104 χ^2 /NDF: 11149.4/54

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.241 ± 0.008 χ^2/NDF : 228.7/10

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.197 ± 0.008 χ^2/NDF : 236.1/8

Left: 0.220 ± 0.006 χ^2/NDF : 480.2/19

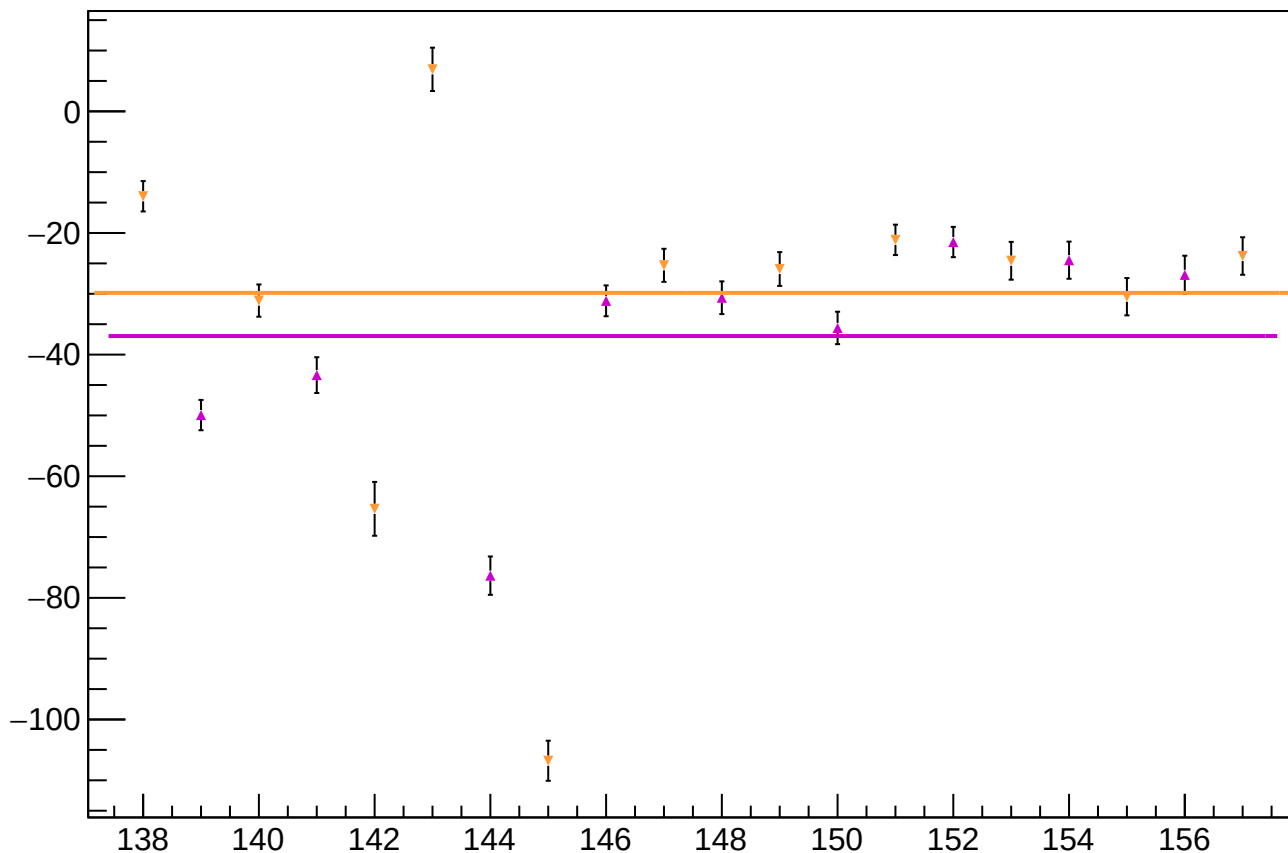
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.132 ± 0.007 χ^2/NDF : 1609.8/25

Out: 0.153 ± 0.007 χ^2/NDF : 2205.7/28

All: 0.143 ± 0.005 χ^2/NDF : 3819.9/54

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



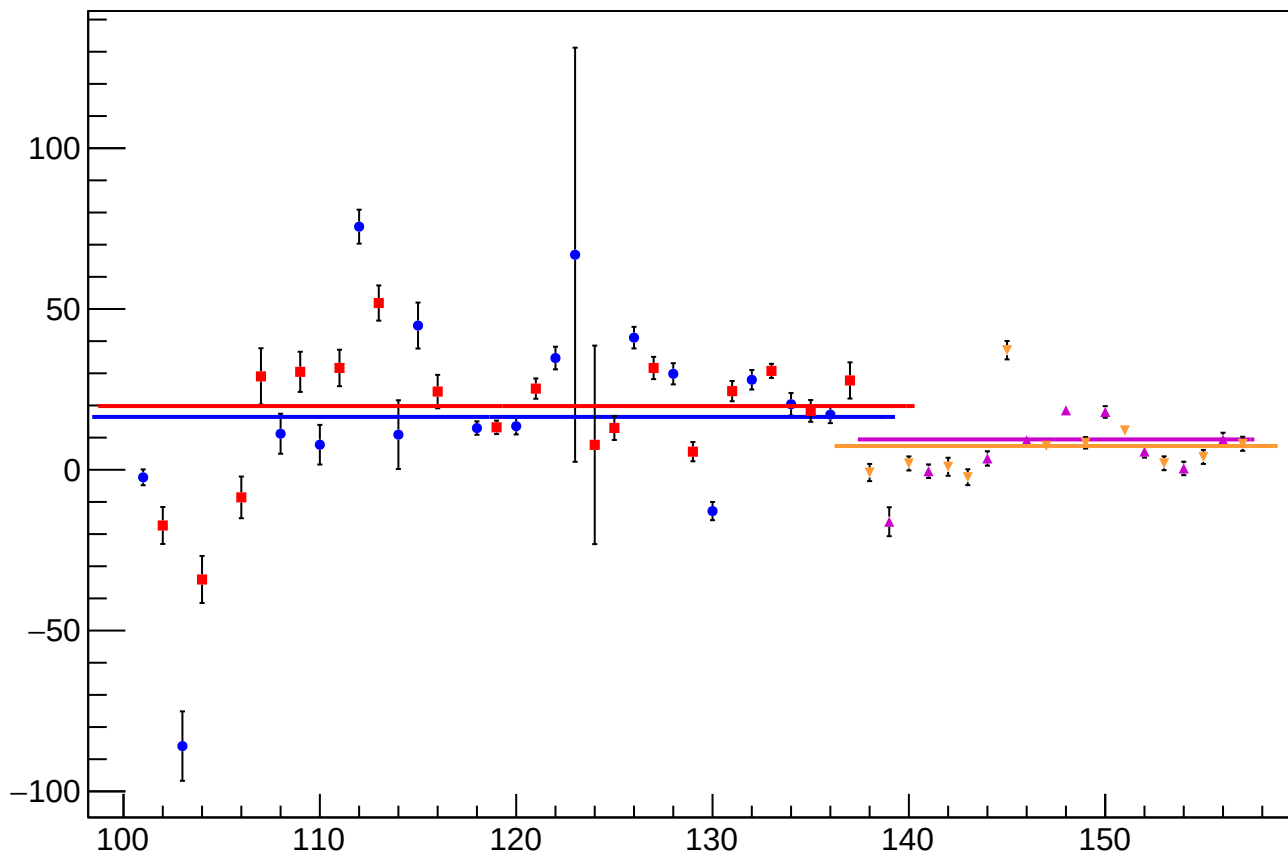
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -29.849+/-0.889 χ^2/NDF :779.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.947+/-0.920 χ^2/NDF :264.5/8

Left: -33.277+/-0.640 χ^2/NDF : 1075.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.947+/-0.920 χ^2/NDF :264.5/8
 Out: -29.849+/-0.889 χ^2/NDF :779.8/10

All: -33.277+/-0.640 χ^2/NDF : 1075.0/19

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.388 ± 0.597 $\chi^2/\text{NDF}: 165.8/10$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 9.439 ± 0.627 $\chi^2/\text{NDF}: 154.2/8$

Left: 8.362 ± 0.432 $\chi^2/\text{NDF}: 325.7/19$

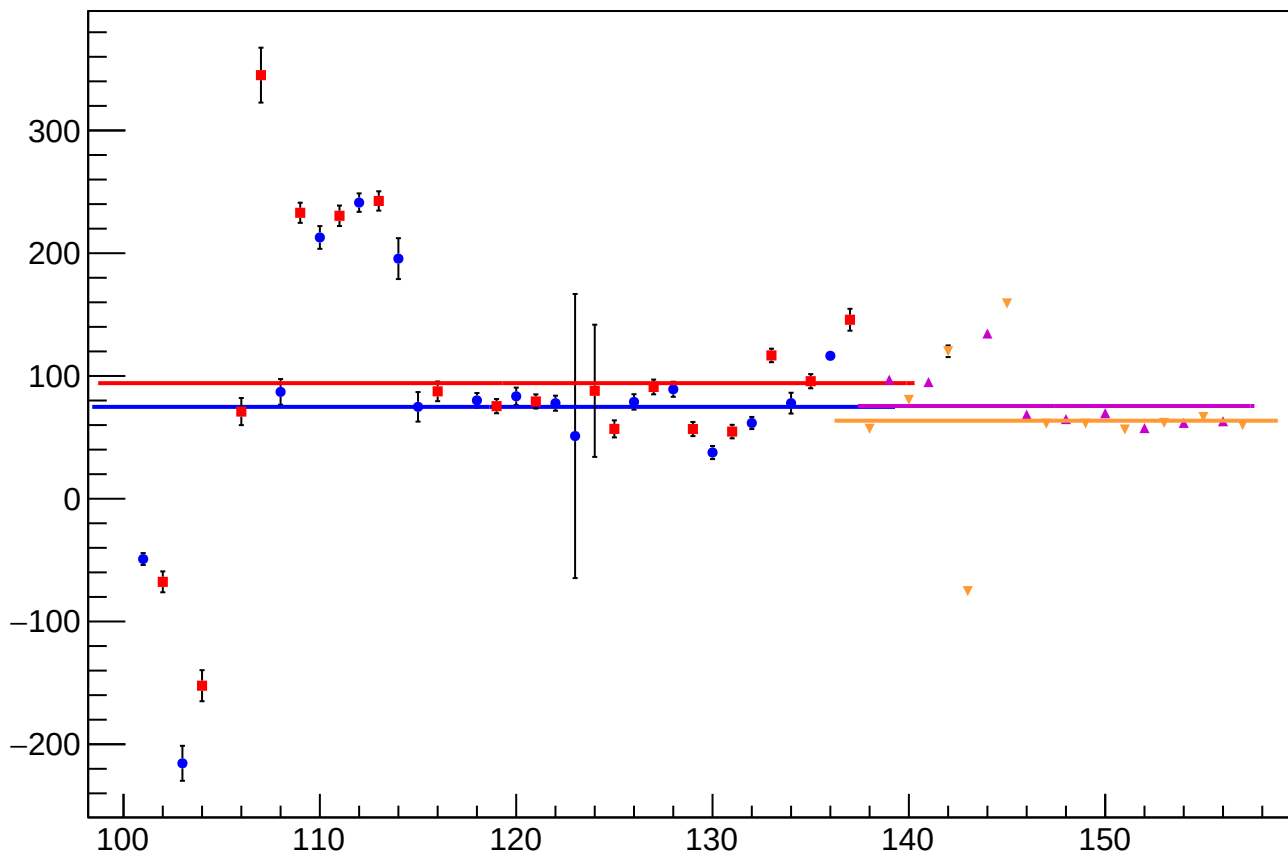
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 11.913 ± 0.504 $\chi^2/\text{NDF}: 715.1/25$

Out: 11.186 ± 0.497 $\chi^2/\text{NDF}: 536.9/28$

All: 11.544 ± 0.354 $\chi^2/\text{NDF}: 1253.1/54$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 63.572+/-0.875 χ^2/NDF : 2310.0/10

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 75.548+/-0.901 χ^2/NDF : 539.1/8

Left: 69.389+/-0.628 χ^2/NDF : 2940.0/19

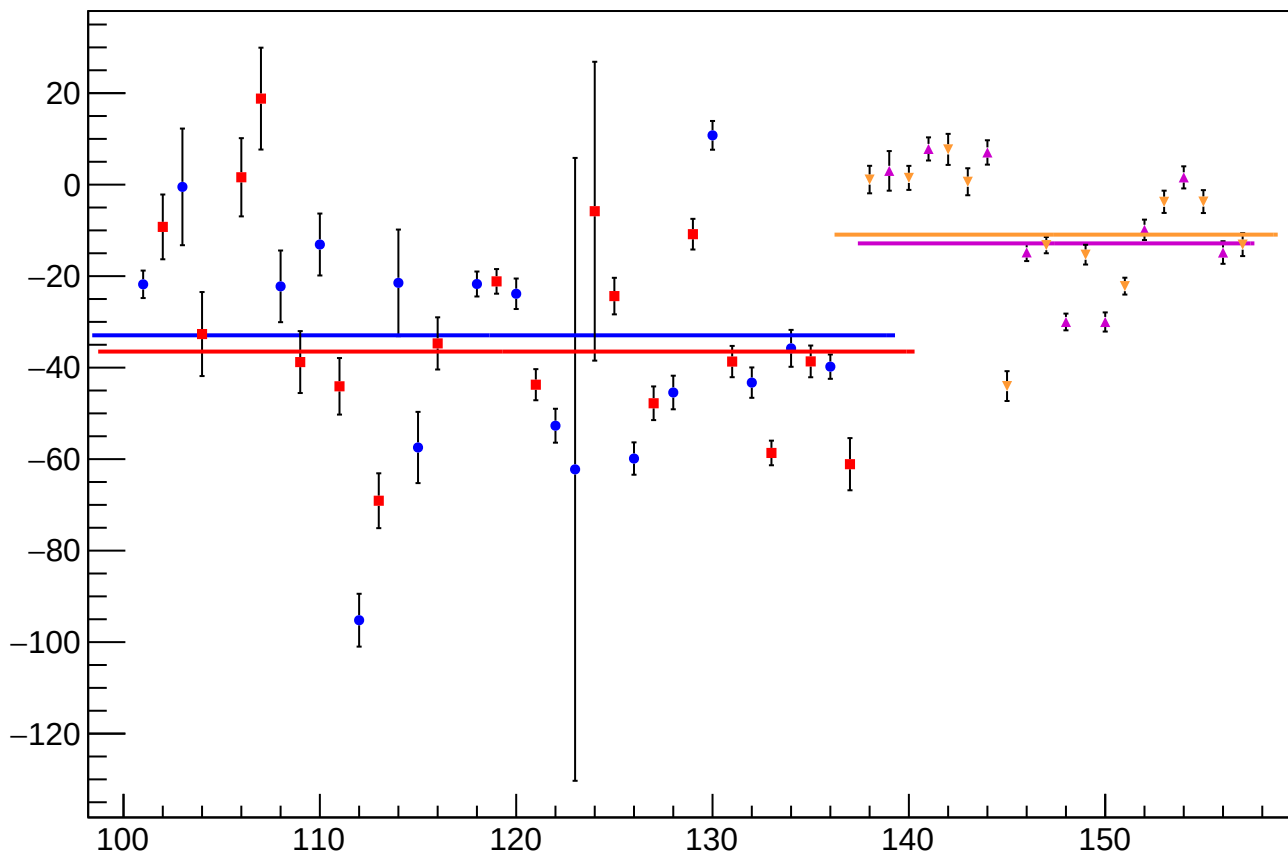
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 75.380+/-0.789 χ^2/NDF : 2536.0/25

Out: 69.865+/-0.780 χ^2/NDF : 4530.3/28

All: 72.590+/-0.555 χ^2/NDF : 7091.0/54

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.927 ± 0.733 χ^2/NDF : 247.7/10

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -12.842 ± 0.769 χ^2/NDF : 330.7/8

Left: -11.838 ± 0.530 χ^2/NDF : 581.7/19

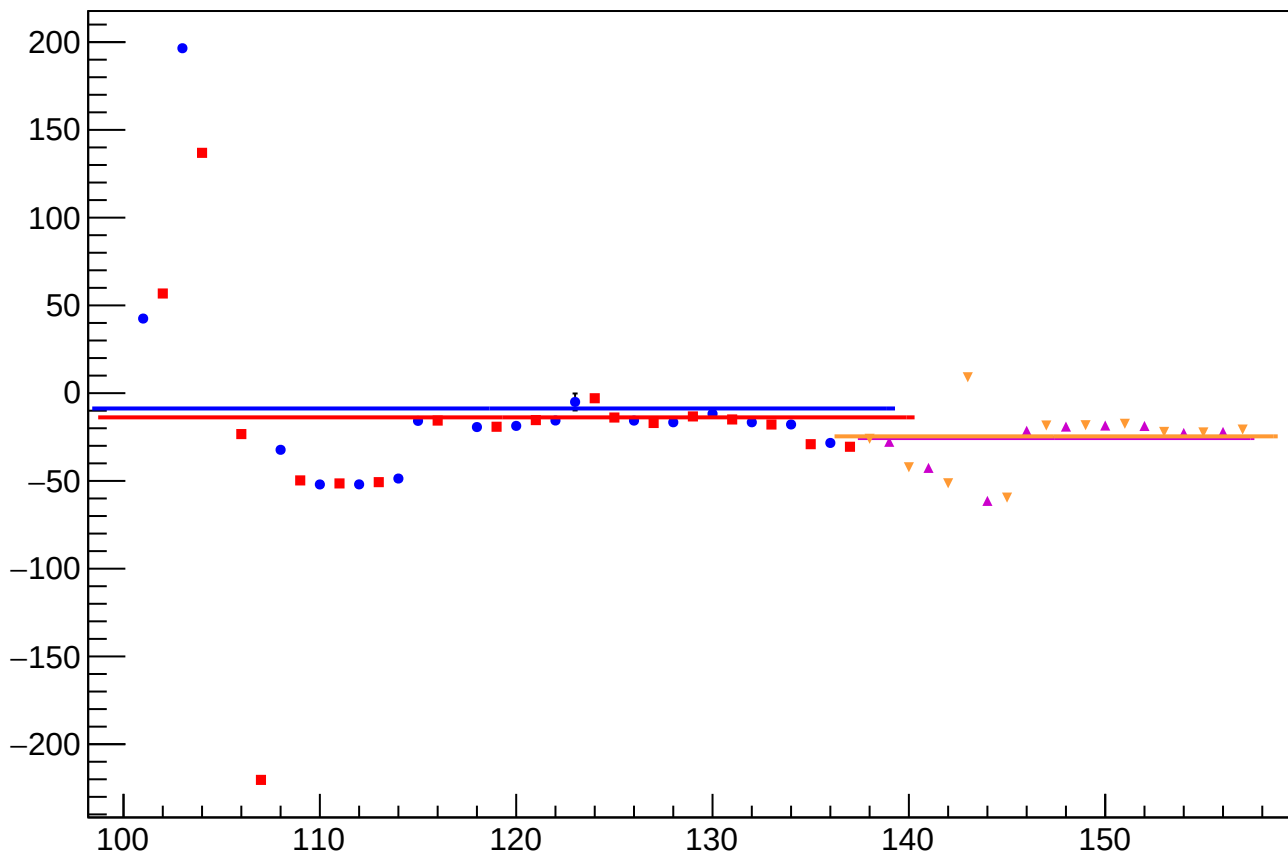
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -20.560 ± 0.603 χ^2/NDF : 1083.9/25

Out: -19.549 ± 0.596 χ^2/NDF : 951.7/28

All: -20.049 ± 0.424 χ^2/NDF : 2037.0/54

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -24.610 ± 0.035 $\chi^2/\text{NDF}: 169169.9/10$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -25.579 ± 0.036 $\chi^2/\text{NDF}: 94278.5/8$

Left: -25.083 ± 0.025 $\chi^2/\text{NDF}: 263829.1/19$

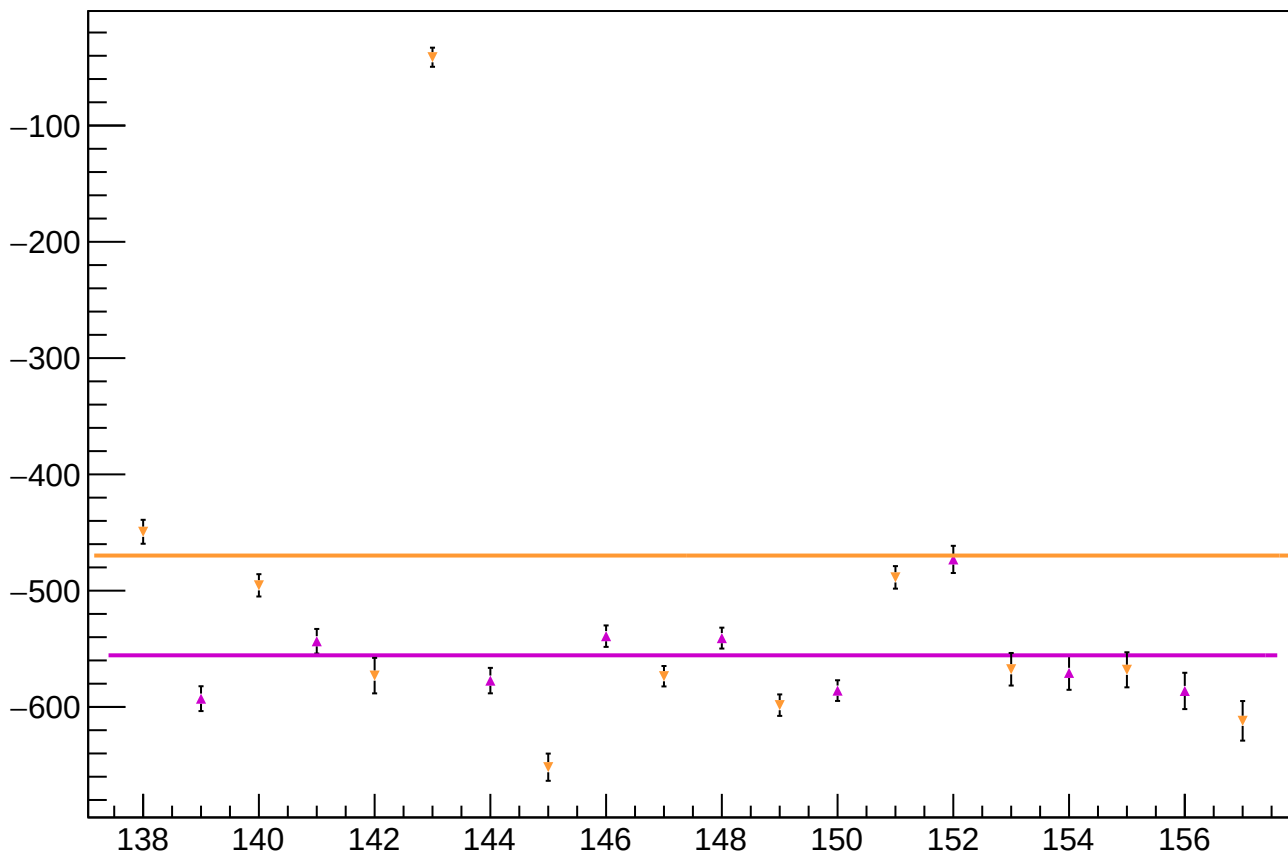
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -21.076 ± 0.030 $\chi^2/\text{NDF}: 730202.9/25$

Out: -22.036 ± 0.030 $\chi^2/\text{NDF}: 741670.1/28$

All: -21.558 ± 0.021 $\chi^2/\text{NDF}: 1472373.2/54$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -555.599+/-3.559 χ^2/NDF :89.6/8

Left: -508.742+/-2.398 χ^2/NDF : 3918.9/19

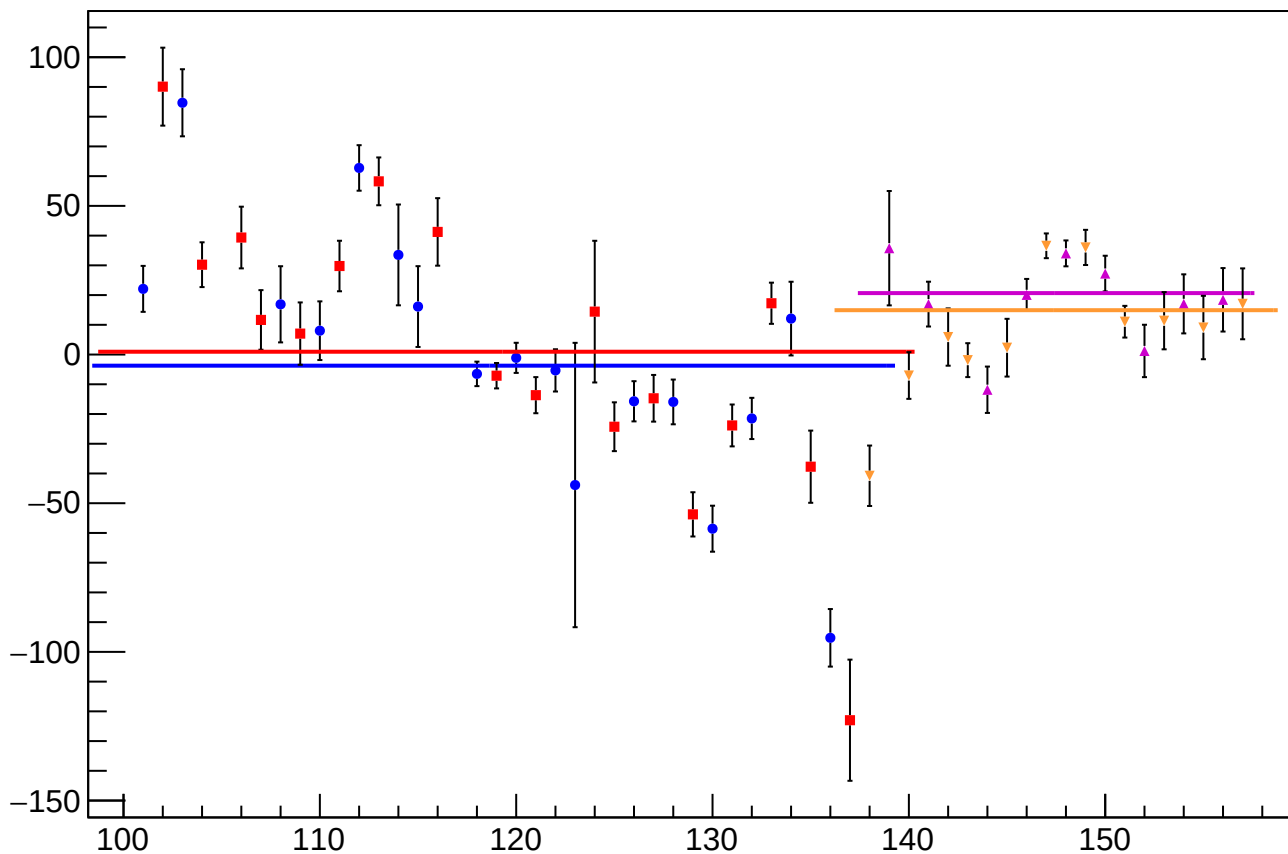
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -555.599+/-3.559 χ^2/NDF :89.6/8

Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

All: -508.742+/-2.398 χ^2/NDF : 3918.9/19

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 14.917 ± 2.103 χ^2/NDF : 89.9/10

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 20.667 ± 2.332 χ^2/NDF : 33.9/8

Left: 17.496 ± 1.562 χ^2/NDF : 127.2/19

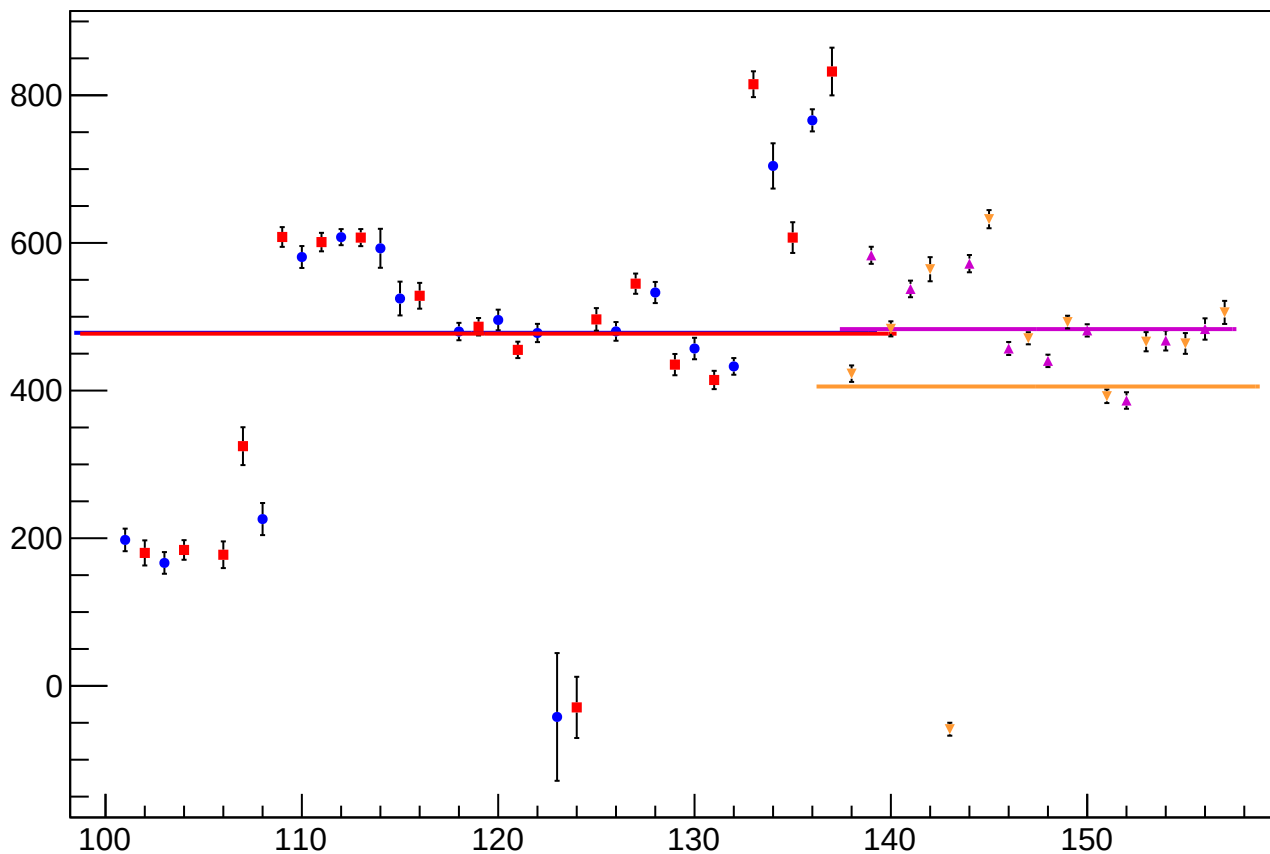
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 5.948 ± 1.469 χ^2/NDF : 414.1/25

Out: 7.292 ± 1.417 χ^2/NDF : 407.7/28

All: 6.644 ± 1.020 χ^2/NDF : 822.2/54

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 405.517+/-3.227 χ^2/NDF : 3542.0/10

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 483.265+/-3.486 χ^2/NDF : 266.3/8

Left: 441.395+/-2.368 χ^2/NDF : 4076.1/19

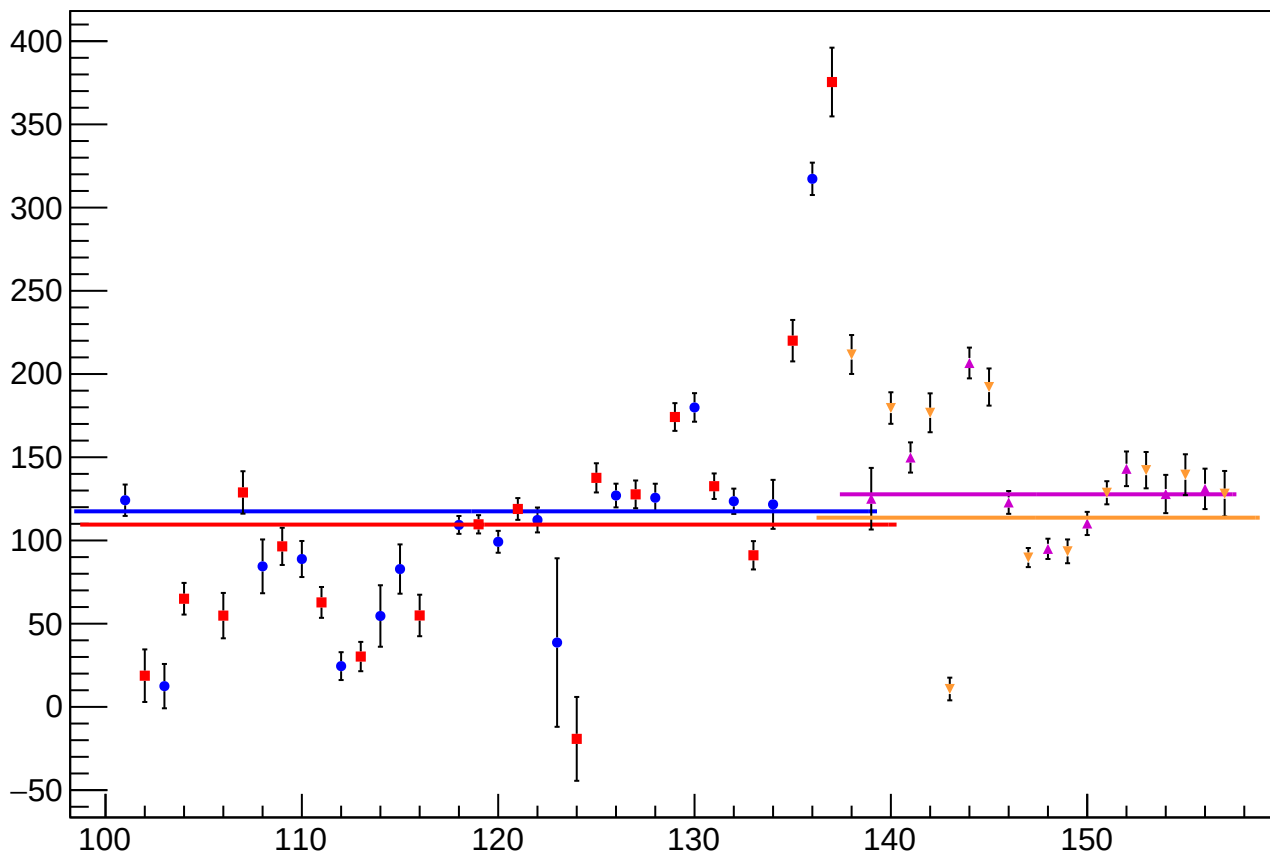
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 480.871+/-2.517 χ^2/NDF : 1895.2/25

Out: 437.990+/-2.385 χ^2/NDF : 5941.0/28

All: 458.279+/-1.731 χ^2/NDF : 7989.1/54

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: 113.697 ± 2.614 $\chi^2/\text{NDF}: 467.6/10$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 127.730 ± 2.897 $\chi^2/\text{NDF}: 116.8/8$

Left: 119.995 ± 1.941 $\chi^2/\text{NDF}: 597.3/19$

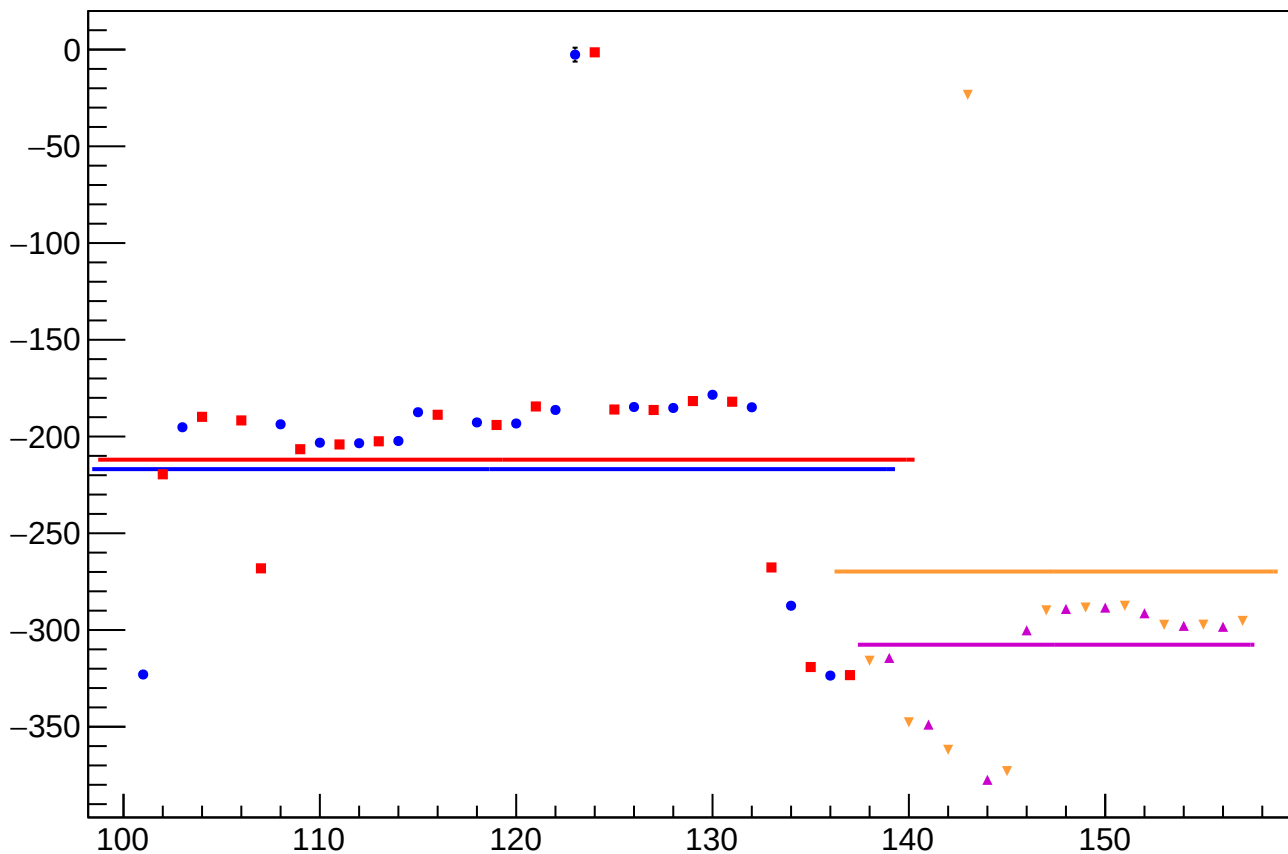
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 121.238 ± 1.751 $\chi^2/\text{NDF}: 830.6/25$

Out: 111.269 ± 1.687 $\chi^2/\text{NDF}: 1031.3/28$

All: 116.068 ± 1.215 $\chi^2/\text{NDF}: 1878.7/54$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -269.773 ± 0.132 $\chi^2/\text{NDF}: 611377.3/10$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -307.603 ± 0.141 $\chi^2/\text{NDF}: 35094.8/8$

Left: -287.462 ± 0.097 $\chi^2/\text{NDF}: 684691.8/19$

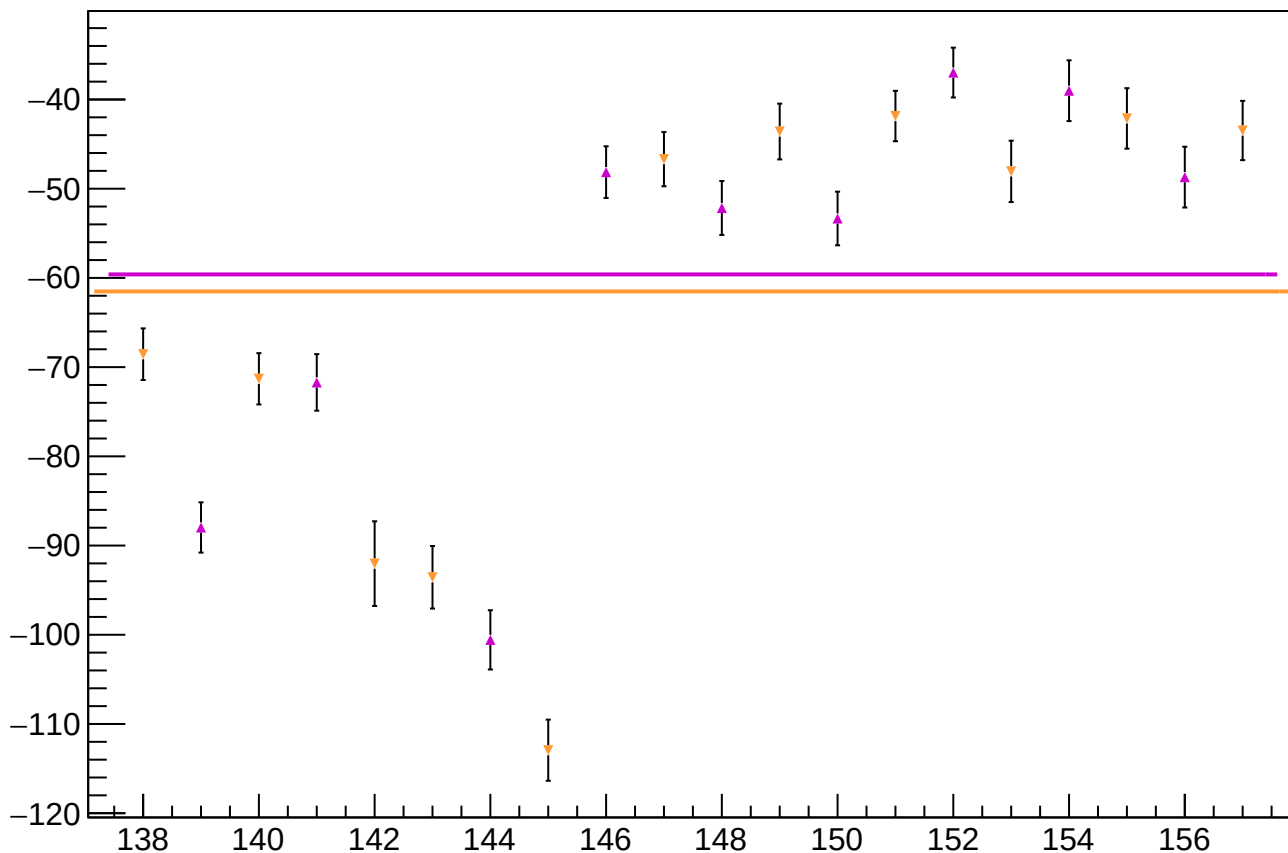
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -260.482 ± 0.098 $\chi^2/\text{NDF}: 396518.8/25$

Out: -240.502 ± 0.093 $\chi^2/\text{NDF}: 820123.0/28$

All: -249.976 ± 0.067 $\chi^2/\text{NDF}: 1238543.5/54$

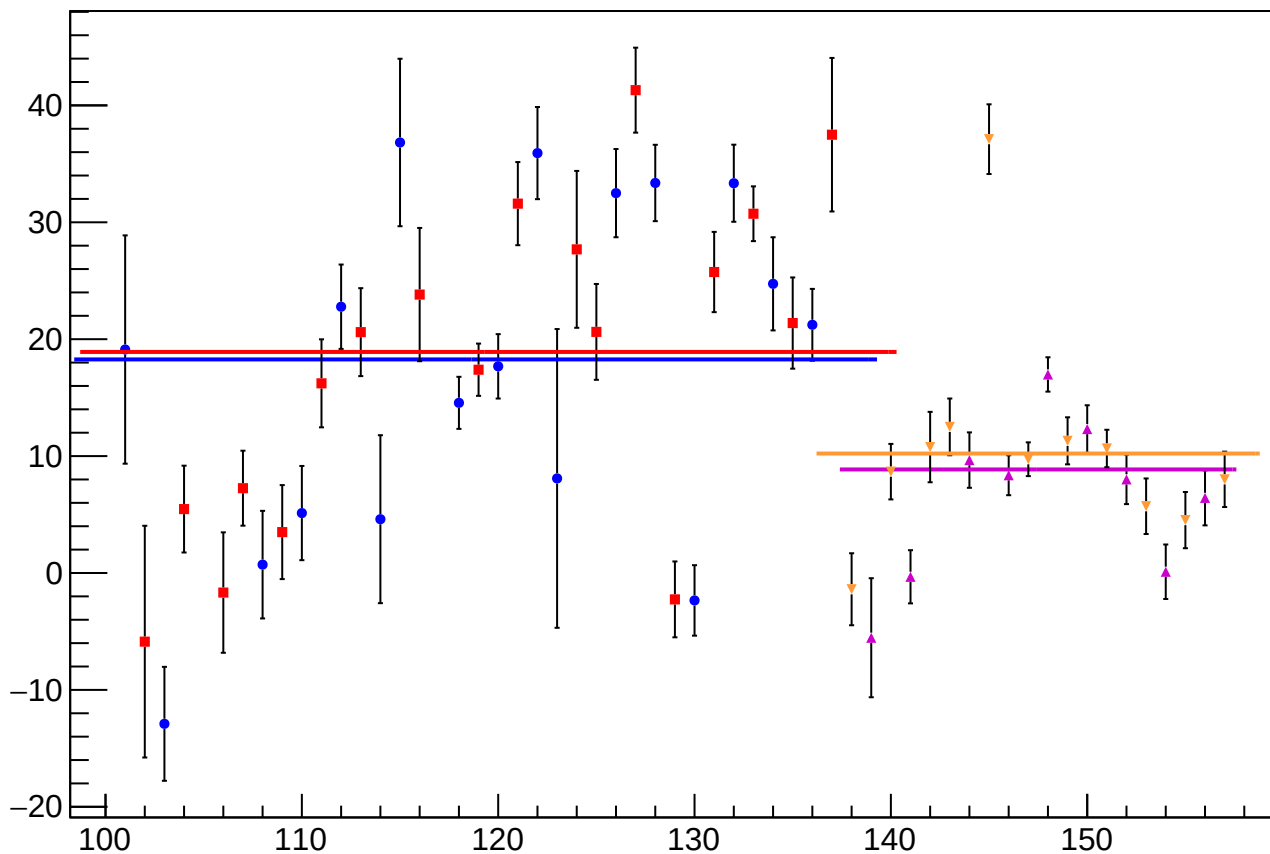
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -61.516+/-0.976 χ^2/NDF :550.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -59.608+/-1.023 χ^2/NDF :406.6/8

Left: -60.607+/-0.706 χ^2/NDF : 958.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -59.608+/-1.023 χ^2/NDF :406.6/8
 Out: -61.516+/-0.976 χ^2/NDF :550.0/10
 All: -60.607+/-0.706 χ^2/NDF : 958.5/19

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 10.219 ± 0.657 $\chi^2/\text{NDF}: 107.5/10$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 8.858 ± 0.699 $\chi^2/\text{NDF}: 73.3/8$

Left: 9.581 ± 0.479 $\chi^2/\text{NDF}: 182.7/19$

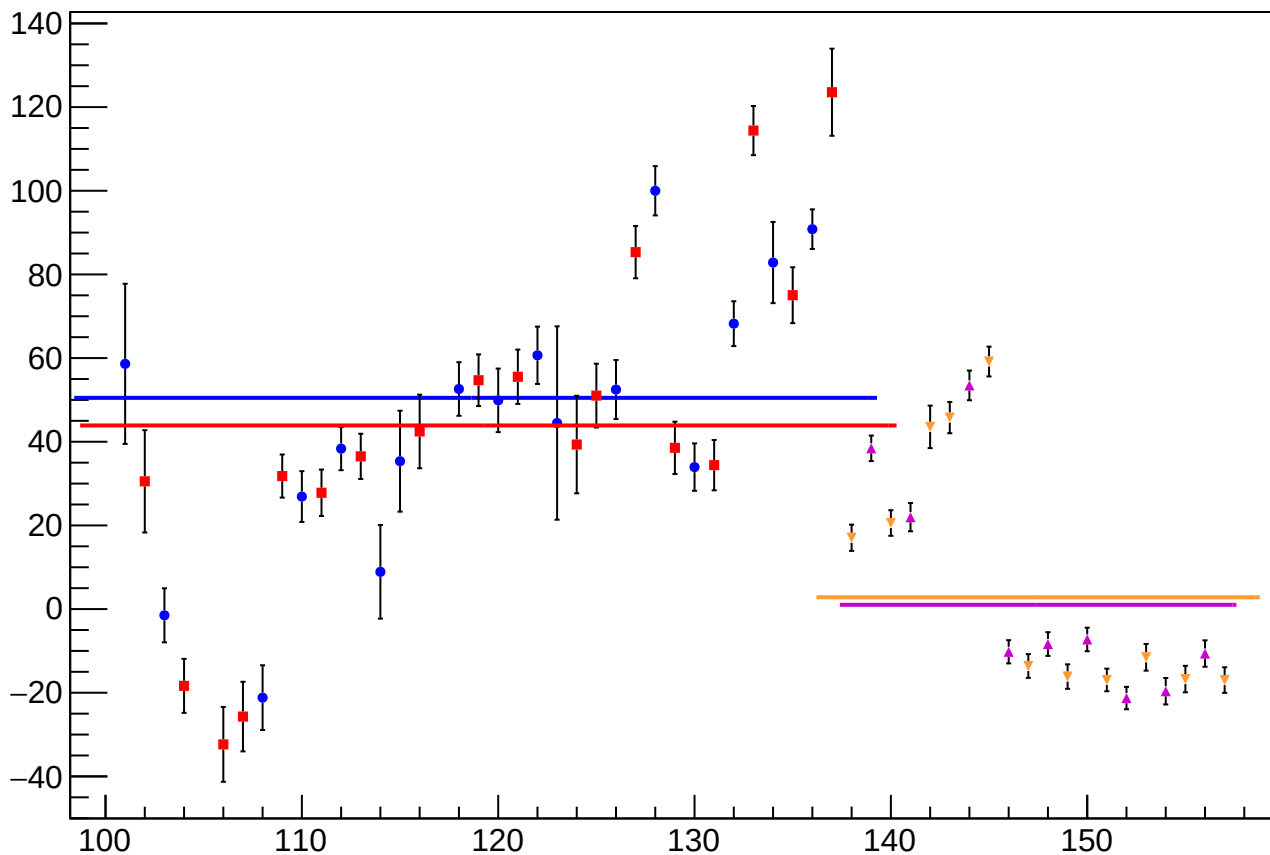
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 12.367 ± 0.554 $\chi^2/\text{NDF}: 349.1/25$

Out: 13.399 ± 0.523 $\chi^2/\text{NDF}: 369.7/28$

All: 12.913 ± 0.380 $\chi^2/\text{NDF}: 720.6/54$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 2.822 $\pm$ 0.962 χ^2 /NDF: 730.2/10

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 1.023 $\pm$ 1.002 χ^2 /NDF: 568.9/8

Left: 1.959 $\pm$ 0.694 χ^2 /NDF: 1300.8/19

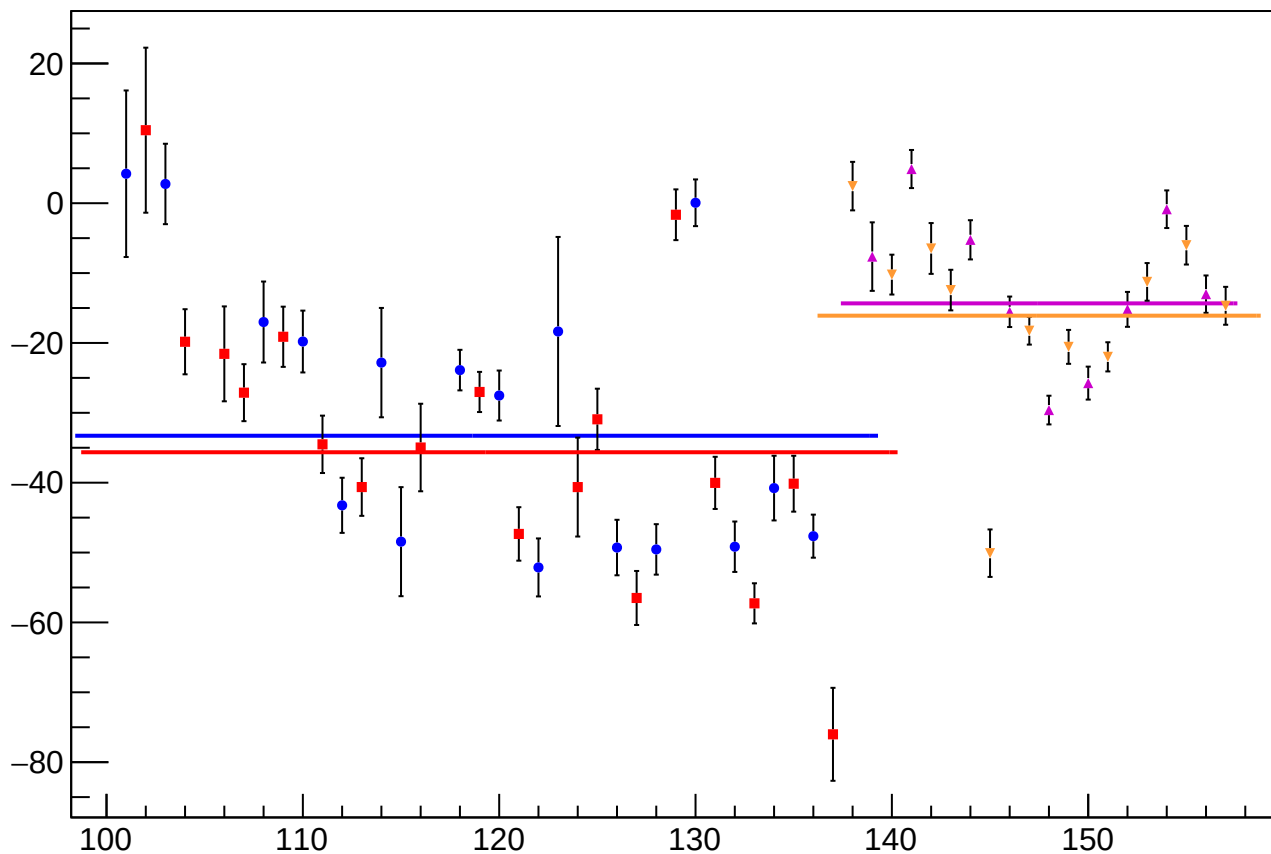
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 14.110 $\pm$ 0.859 χ^2 /NDF: 1576.9/25

Out: 13.695 $\pm$ 0.825 χ^2 /NDF: 1744.2/28

All: 13.894 $\pm$ 0.595 χ^2 /NDF: 3321.3/54

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.096 ± 0.805 χ^2/NDF : 170.8/10

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -14.336 ± 0.855 χ^2/NDF : 166.4/8

Left: -15.269 ± 0.586 χ^2/NDF : 339.5/19

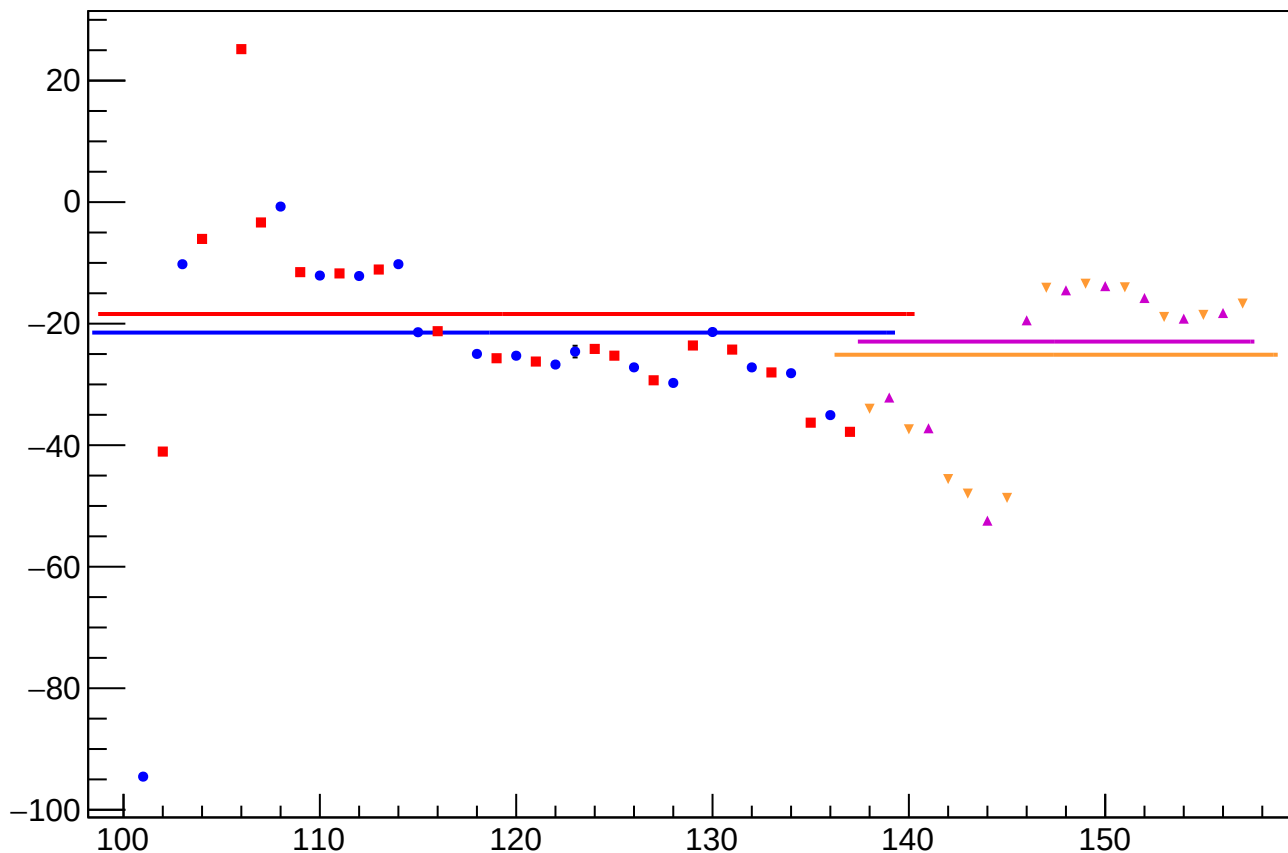
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -22.022 ± 0.659 χ^2/NDF : 658.6/25

Out: -23.850 ± 0.625 χ^2/NDF : 689.4/28

All: -22.984 ± 0.454 χ^2/NDF : 1352.0/54

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 $\pm$ 0.059 χ^2 /NDF: 48979.5/16

Left Out: -25.113 $\pm$ 0.038 χ^2 /NDF: 112738.5/10

Right Out: -18.411 $\pm$ 0.057 χ^2 /NDF: 77587.3/17

Left In: -22.950 $\pm$ 0.039 χ^2 /NDF: 73475.0/8

Left: -24.071 $\pm$ 0.027 χ^2 /NDF: 187767.8/19

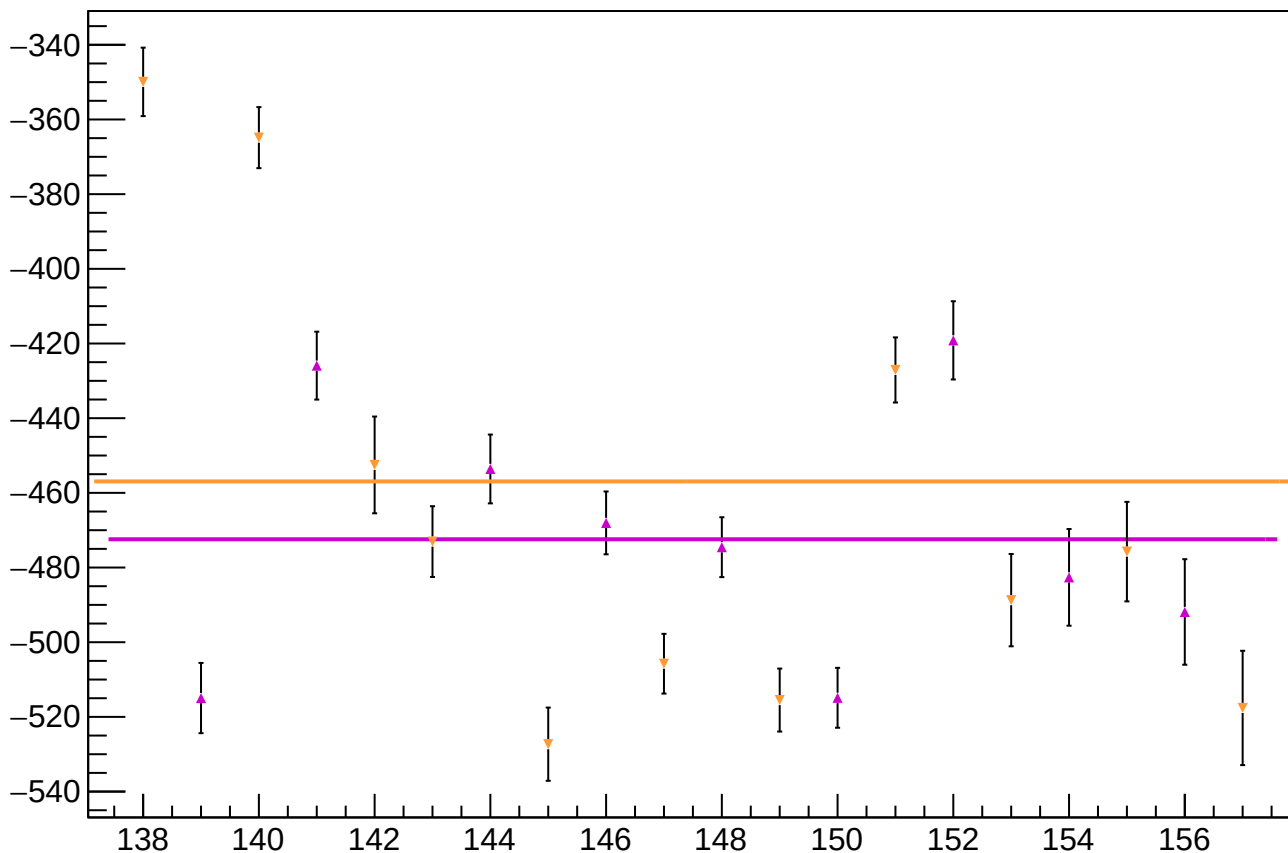
Right: -19.904 $\pm$ 0.041 χ^2 /NDF: 127953.4/34

In: -22.489 $\pm$ 0.033 χ^2 /NDF: 122892.4/25

Out: -23.064 $\pm$ 0.032 χ^2 /NDF: 199795.8/28

All: -22.786 $\pm$ 0.023 χ^2 /NDF: 322847.0/54

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -456.941+/-2.966 χ^2/NDF :439.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -472.431+/-3.155 χ^2/NDF :107.5/8

Left: -464.209+/-2.161 χ^2/NDF : 559.5/19

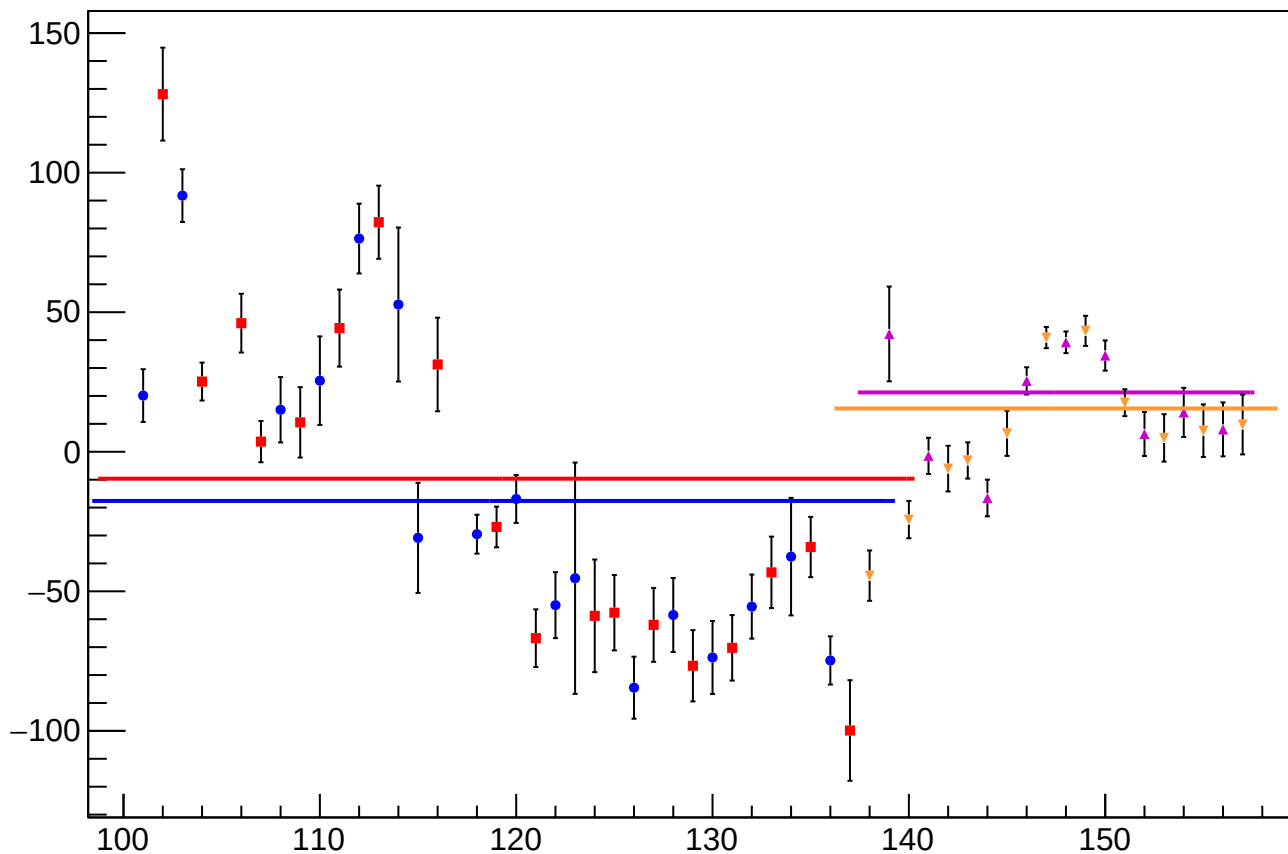
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -472.431+/-3.155 χ^2/NDF :107.5/8

Out: -456.941+/-2.966 χ^2/NDF :439.2/10

All: -464.209+/-2.161 χ^2/NDF : 559.5/19

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 15.509 ± 1.925 $\chi^2/\text{NDF}: 170.2/10$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 21.254 ± 2.073 $\chi^2/\text{NDF}: 81.2/8$

Left: 18.169 ± 1.411 $\chi^2/\text{NDF}: 255.5/19$

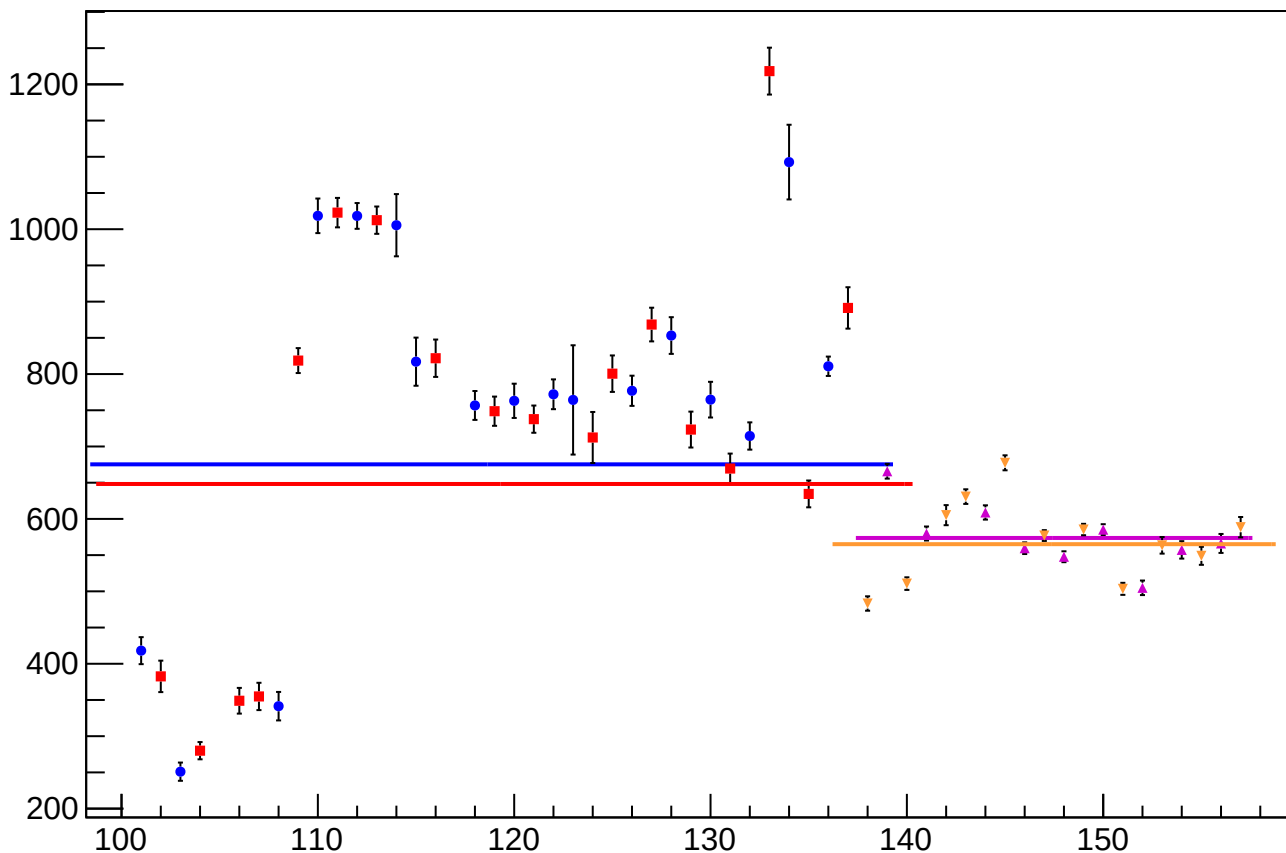
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 7.400 ± 1.663 $\chi^2/\text{NDF}: 568.5/25$

Out: 6.657 ± 1.550 $\chi^2/\text{NDF}: 590.9/28$

All: 7.002 ± 1.134 $\chi^2/\text{NDF}: 1159.5/54$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2 /NDF: 2582.7/16

Left Out: 565.120 $\pm$ 2.945 χ^2 /NDF:344.4/10

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 573.701 $\pm$ 3.097 χ^2 /NDF:161.6/8

Left: 569.195 $\pm$ 2.134 χ^2 /NDF: 510.0/19

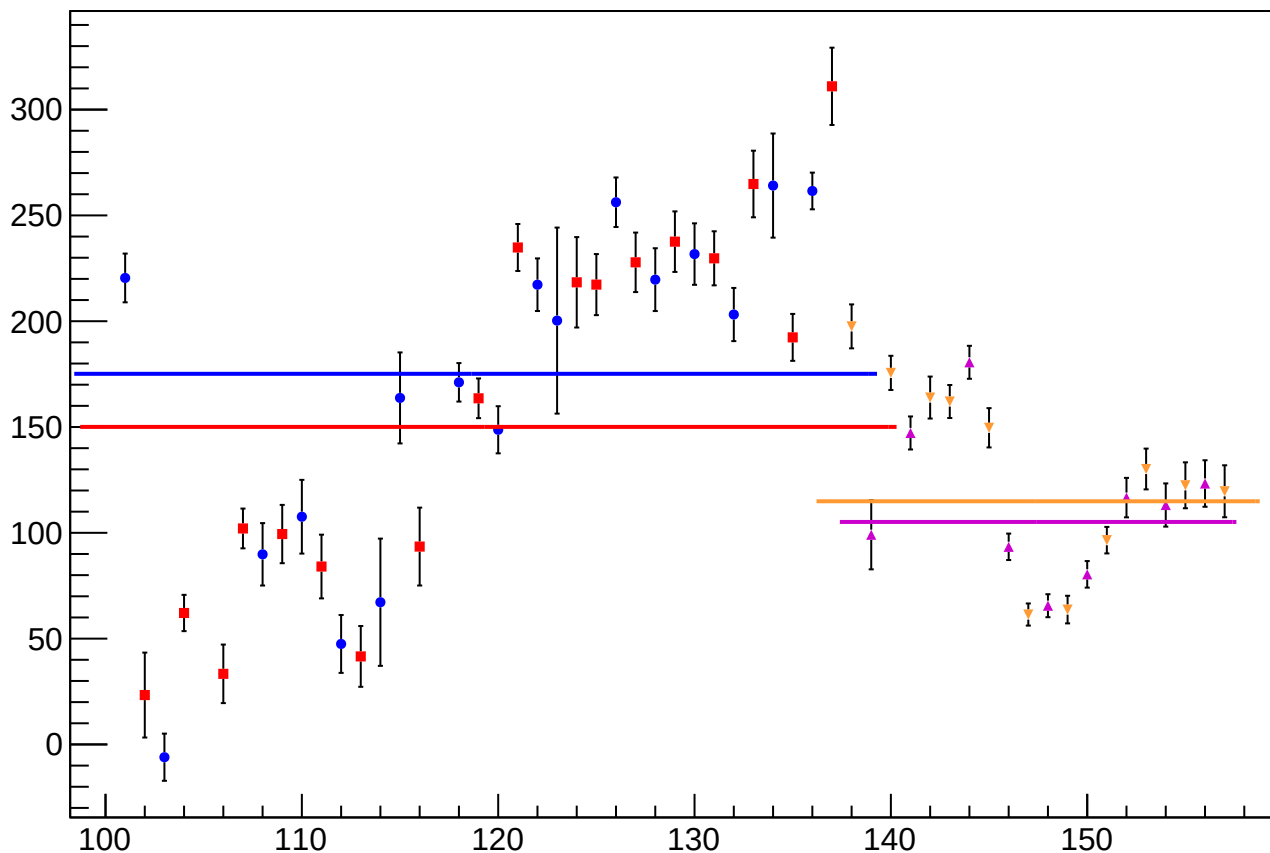
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 601.511 $\pm$ 2.639 χ^2 /NDF:3039.1/25

Out: 588.021 $\pm$ 2.506 χ^2 /NDF:3622.8/28

All: 594.418 $\pm$ 1.818 χ^2 /NDF: 6675.6/54

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 114.913 $\pm$ 2.395 χ^2 /NDF:372.8/10

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 105.140 $\pm$ 2.574 χ^2 /NDF:200.0/8

Left: 110.378 $\pm$ 1.754 χ^2 /NDF: 580.6/19

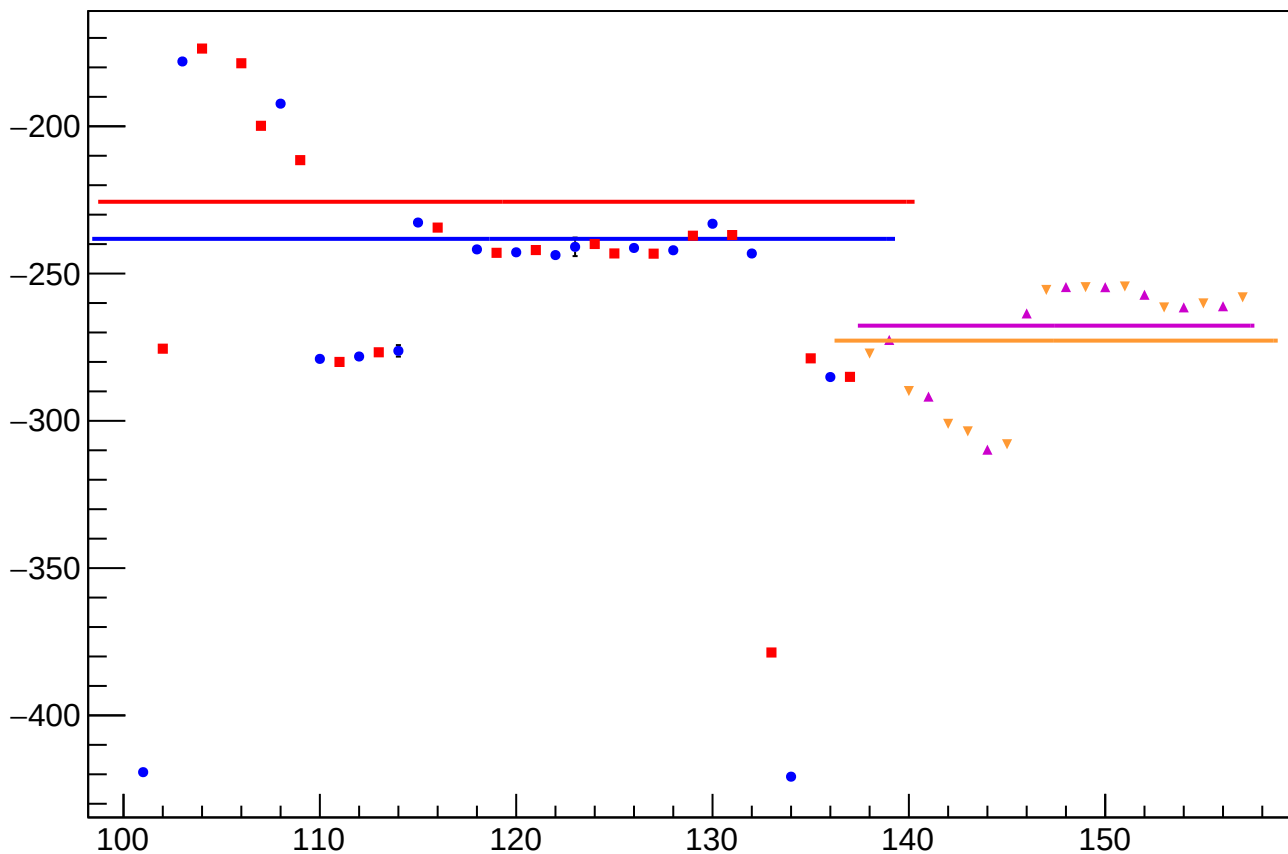
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 132.548 $\pm$ 2.008 χ^2 /NDF:1125.1/25

Out: 128.345 $\pm$ 1.883 χ^2 /NDF:1141.3/28

All: 130.312 $\pm$ 1.374 χ^2 /NDF: 2268.7/54

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167098.2/16$

Left Out: -272.765 ± 0.121 $\chi^2/\text{NDF}: 28222.4/10$

Right Out: -225.623 ± 0.152 $\chi^2/\text{NDF}: 95450.2/17$

Left In: -267.686 ± 0.125 $\chi^2/\text{NDF}: 18121.9/8$

Left: -270.321 ± 0.087 $\chi^2/\text{NDF}: 47194.8/19$

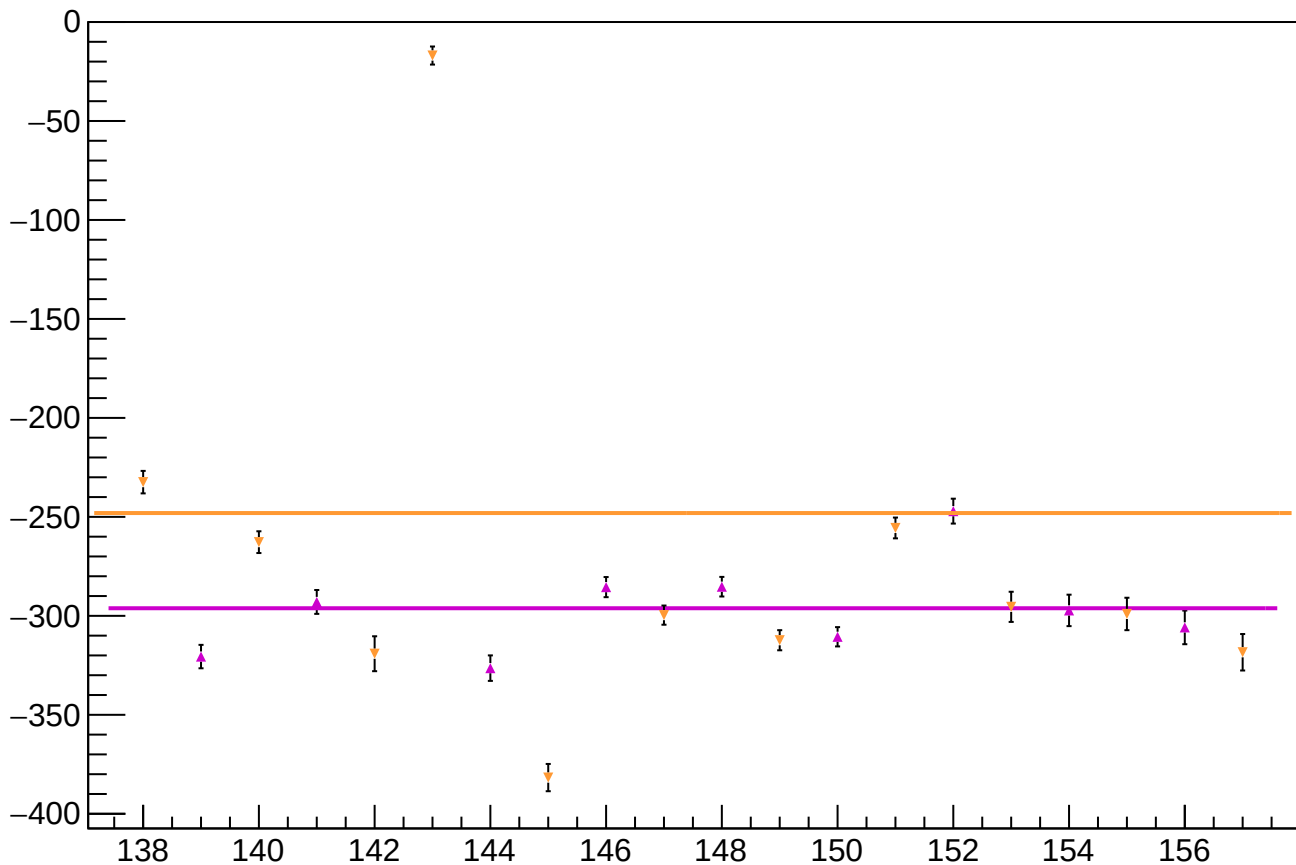
Right: -231.577 ± 0.110 $\chi^2/\text{NDF}: 265811.9/34$

In: -256.474 ± 0.099 $\chi^2/\text{NDF}: 206221.0/25$

Out: -254.450 ± 0.094 $\chi^2/\text{NDF}: 182824.9/28$

All: -255.418 ± 0.068 $\chi^2/\text{NDF}: 389265.3/54$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.066+/-1.803 χ^2/NDF :3432.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -296.162+/-1.974 χ^2/NDF :119.6/8

Left: -269.944+/-1.331 χ^2/NDF : 3875.9/19

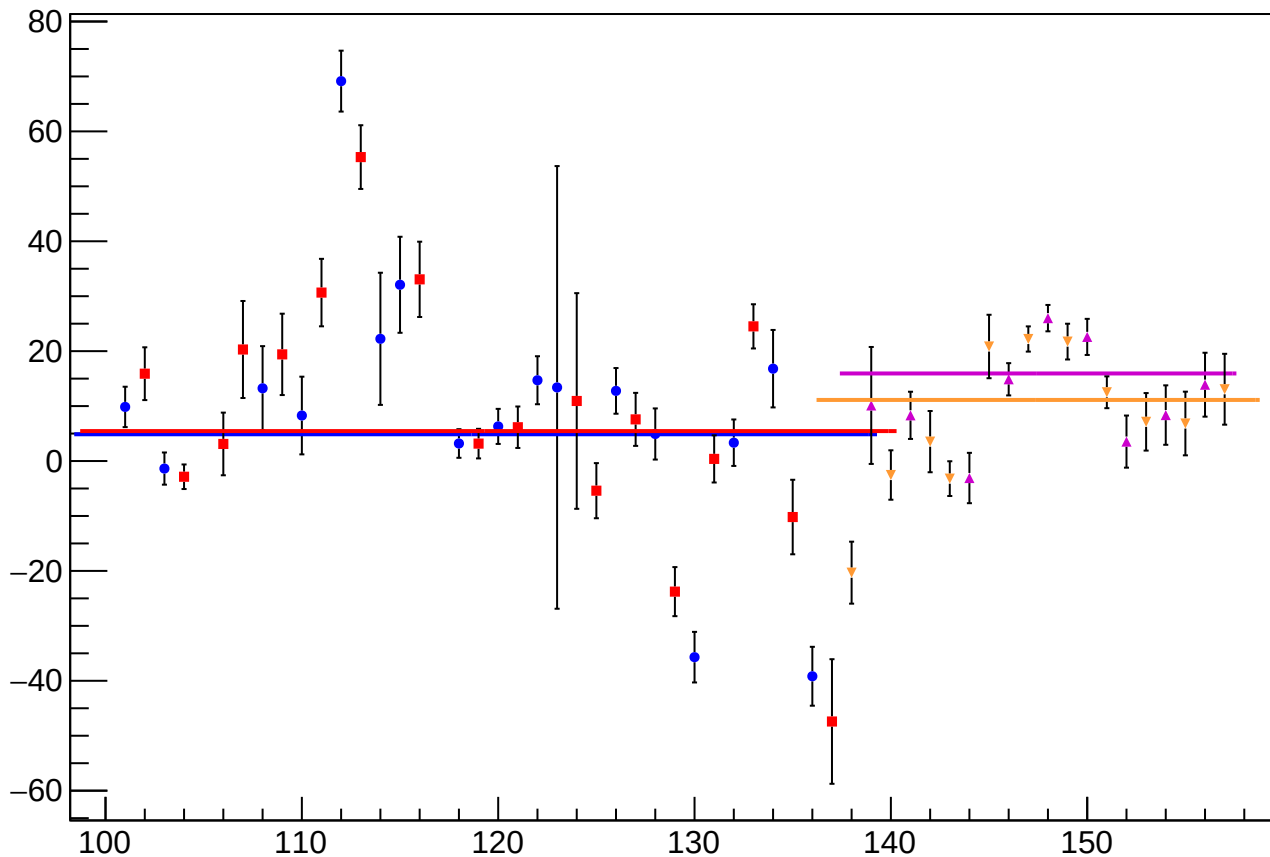
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -296.162+/-1.974 χ^2/NDF :119.6/8

Out: -248.066+/-1.803 χ^2/NDF :3432.7/10

All: -269.944+/-1.331 χ^2/NDF : 3875.9/19

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2 /NDF: 311.5/16

Left Out: 11.120 $\pm$ 1.165 χ^2 /NDF:100.9/10

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 15.938 $\pm$ 1.290 χ^2 /NDF:51.4/8

Left: 13.284 $\pm$ 0.865 χ^2 /NDF: 160.1/19

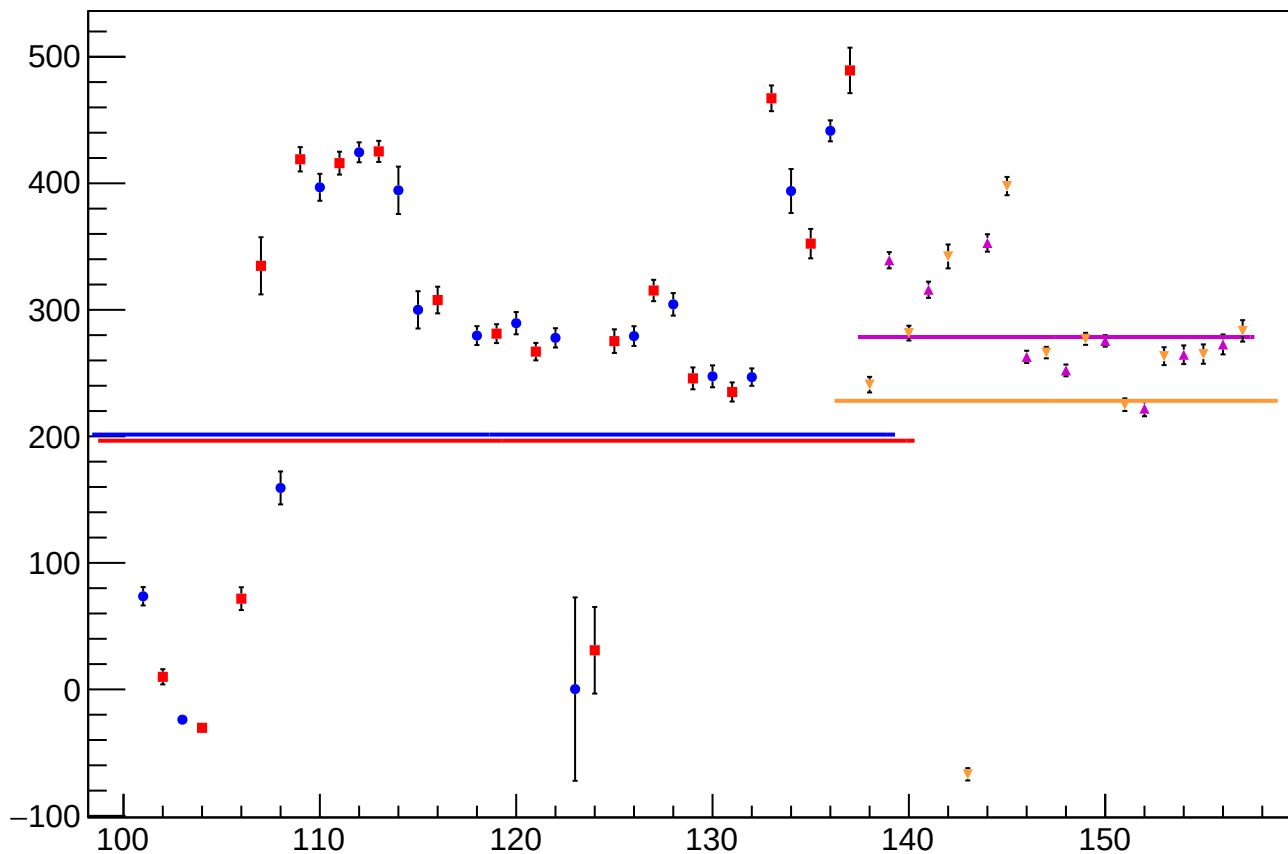
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 9.484 $\pm$ 0.833 χ^2 /NDF:405.9/25

Out: 8.047 $\pm$ 0.788 χ^2 /NDF:345.3/28

All: 8.726 $\pm$ 0.573 χ^2 /NDF: 752.8/54

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 228.095 $\pm$ 1.789 χ^2 /NDF: 4733.8/10

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 278.535 $\pm$ 1.929 χ^2 /NDF: 375.7/8

Left: 251.419 $\pm$ 1.312 χ^2 /NDF: 5477.1/19

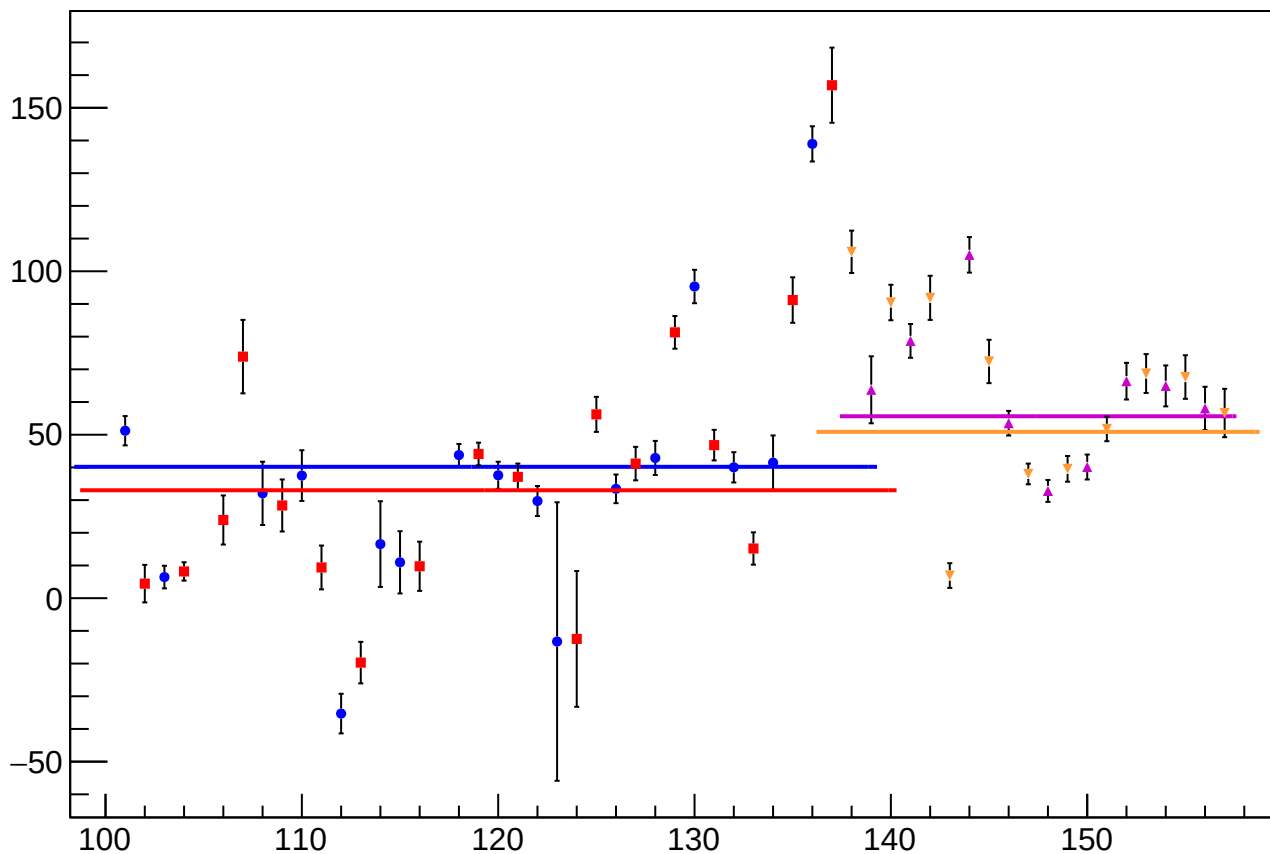
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 240.850 $\pm$ 1.380 χ^2 /NDF: 7897.2/25

Out: 213.532 $\pm$ 1.312 χ^2 /NDF: 13055.3/28

All: 226.511 $\pm$ 0.951 χ^2 /NDF: 21158.3/54

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 50.881 $\pm$ 1.449 χ^2 /NDF:348.8/10

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 55.646 $\pm$ 1.604 χ^2 /NDF:172.0/8

Left: 53.023 $\pm$ 1.075 χ^2 /NDF: 525.7/19

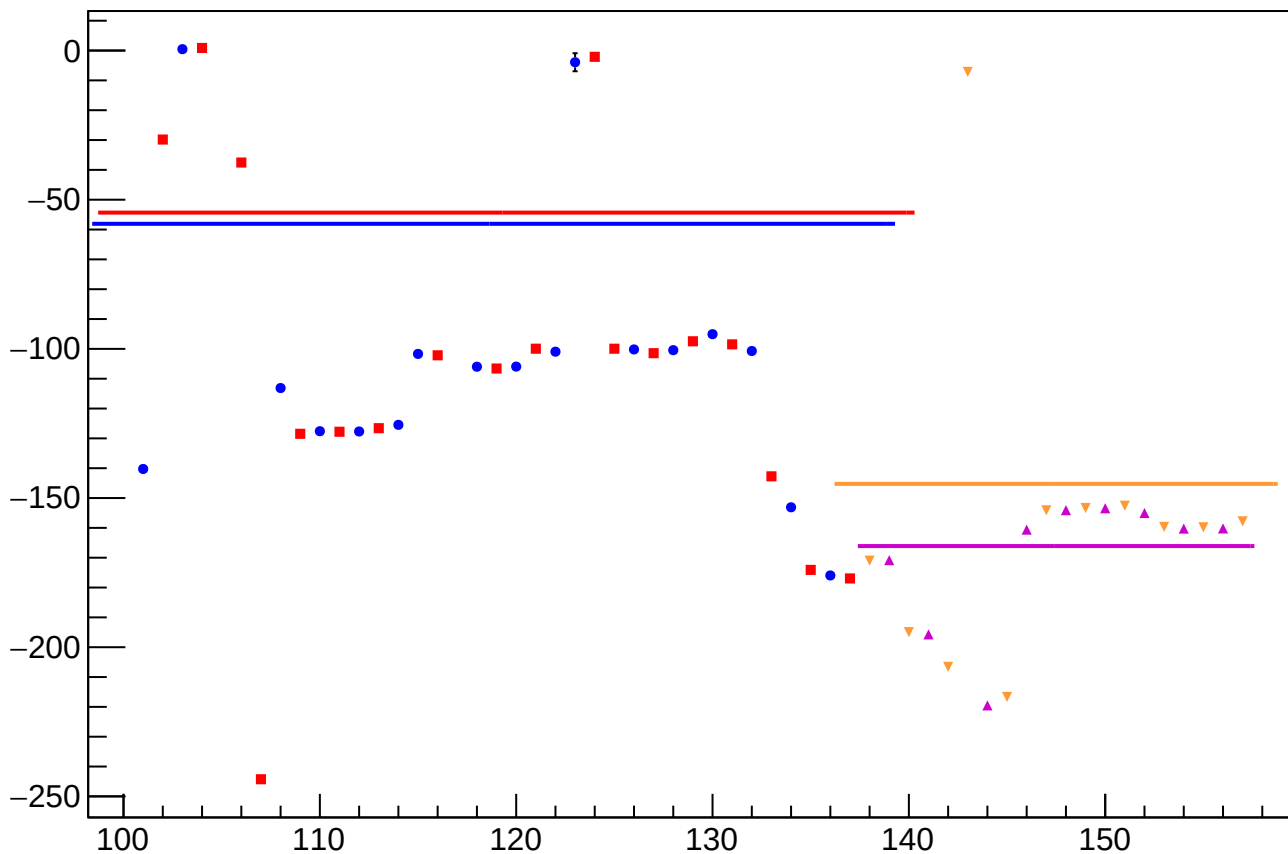
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 46.142 $\pm$ 0.996 χ^2 /NDF:963.2/25

Out: 40.654 $\pm$ 0.948 χ^2 /NDF:983.0/28

All: 43.263 $\pm$ 0.686 χ^2 /NDF: 1962.2/54

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: -145.253 ± 0.073 $\chi^2/\text{NDF}: 650064.3/10$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -166.100 ± 0.078 $\chi^2/\text{NDF}: 56447.4/8$

Left: -155.024 ± 0.053 $\chi^2/\text{NDF}: 744430.7/19$

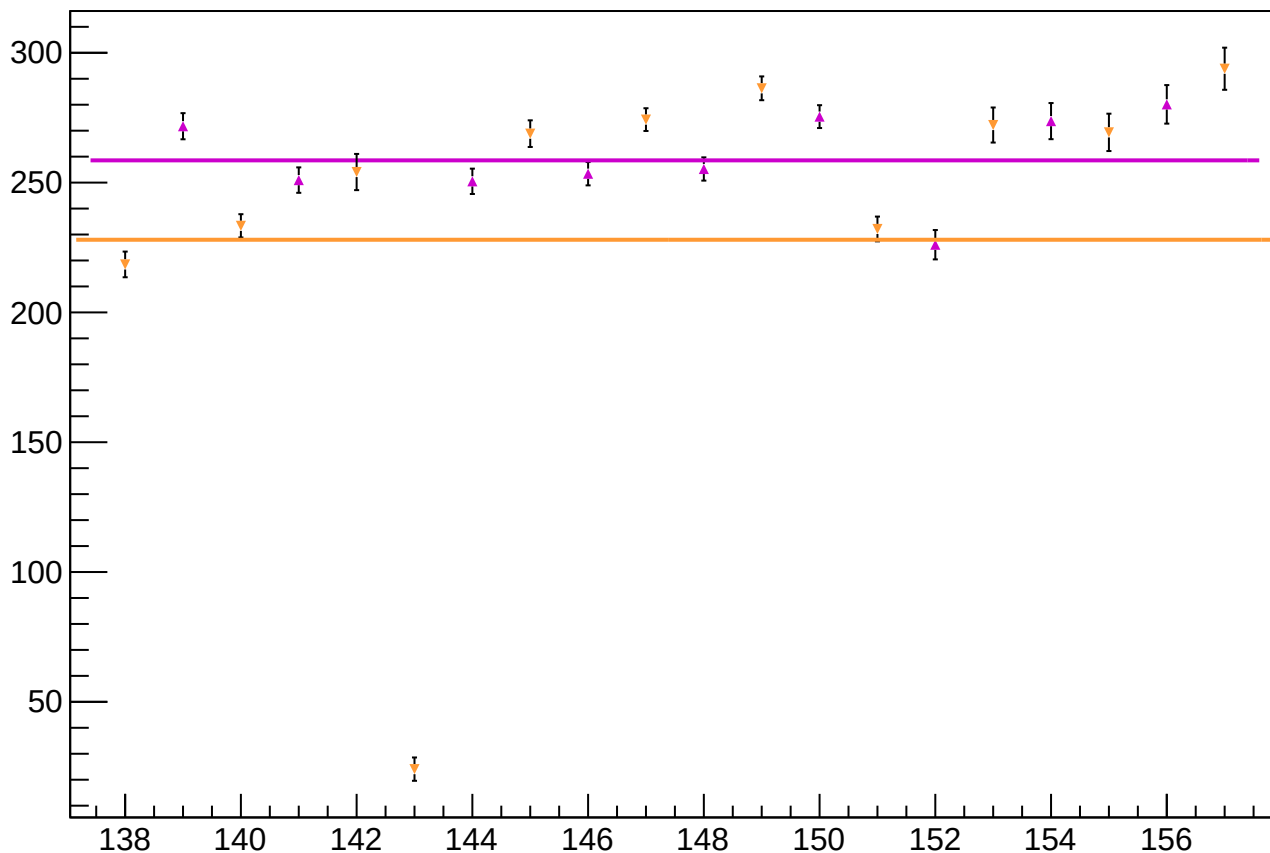
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -99.564 ± 0.048 $\chi^2/\text{NDF}: 2341153.0/25$

Out: -91.127 ± 0.047 $\chi^2/\text{NDF}: 2557283.6/28$

All: -95.192 ± 0.034 $\chi^2/\text{NDF}: 4914208.0/54$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 227.987+/-1.583 χ^2/NDF :2559.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.566+/-1.704 χ^2/NDF :74.7/8

Left: 242.149+/-1.160 χ^2/NDF : 2807.4/19

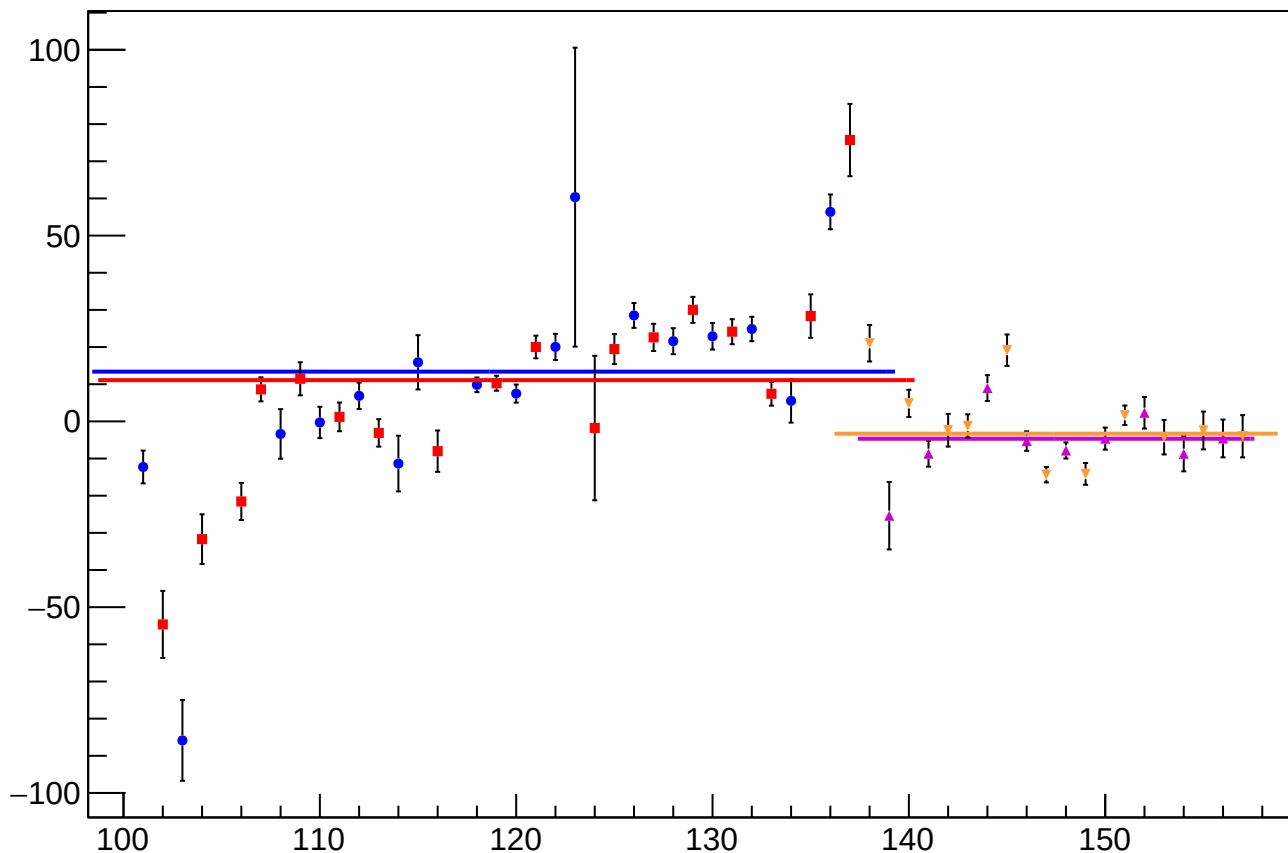
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.566+/-1.704 χ^2/NDF :74.7/8

Out: 227.987+/-1.583 χ^2/NDF :2559.9/10

All: 242.149+/-1.160 χ^2/NDF : 2807.4/19

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: -3.308 ± 1.035 χ^2/NDF : 103.6/10

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: -4.677 ± 1.128 χ^2/NDF : 27.5/8

Left: -3.934 ± 0.762 χ^2/NDF : 131.9/19

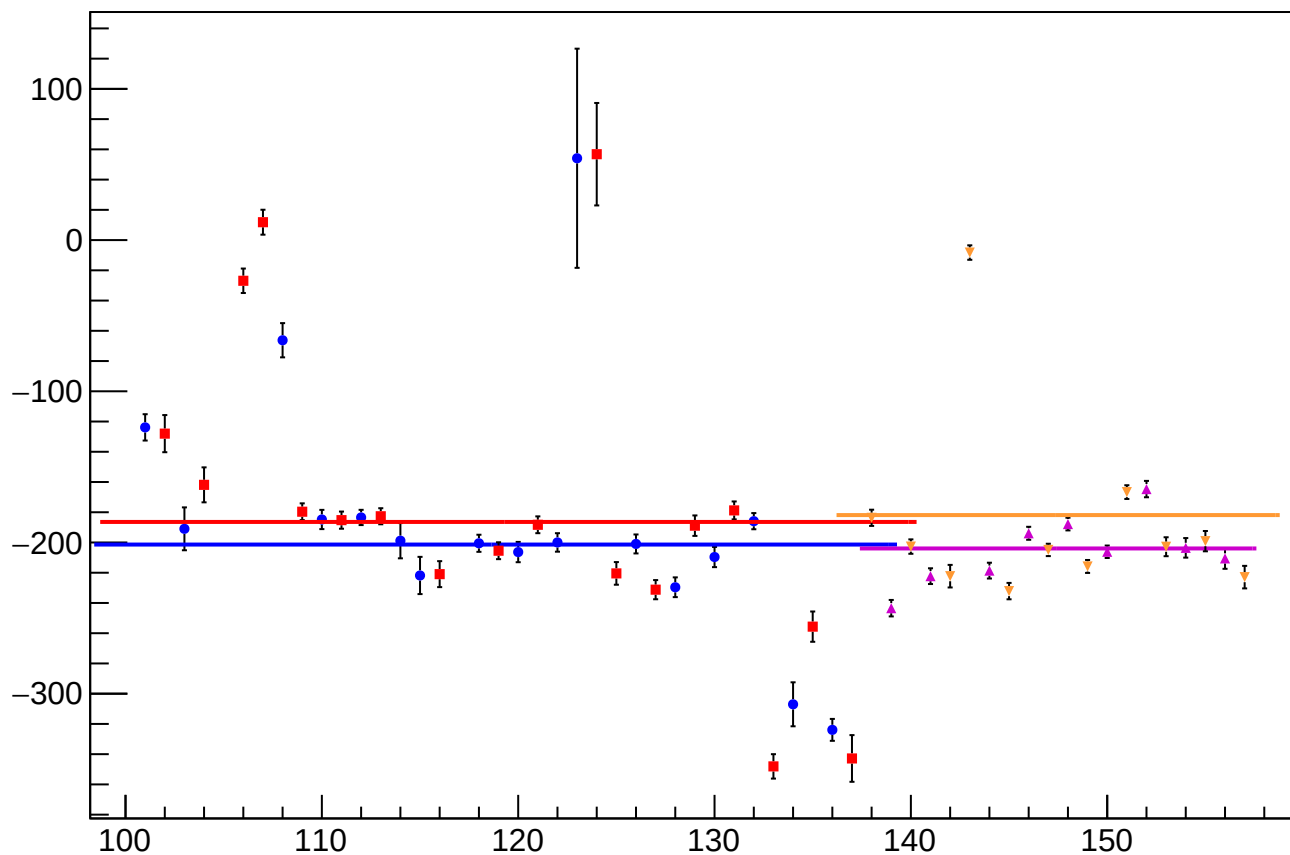
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 6.159 ± 0.713 χ^2/NDF : 475.4/25

Out: 4.773 ± 0.686 χ^2/NDF : 504.6/28

All: 5.438 ± 0.494 χ^2/NDF : 982.0/54

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -181.872 ± 1.576 χ^2/NDF : 1601.5/10

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -203.954 ± 1.675 χ^2/NDF : 146.8/8

Left: -192.240 ± 1.148 χ^2/NDF : 1840.6/19

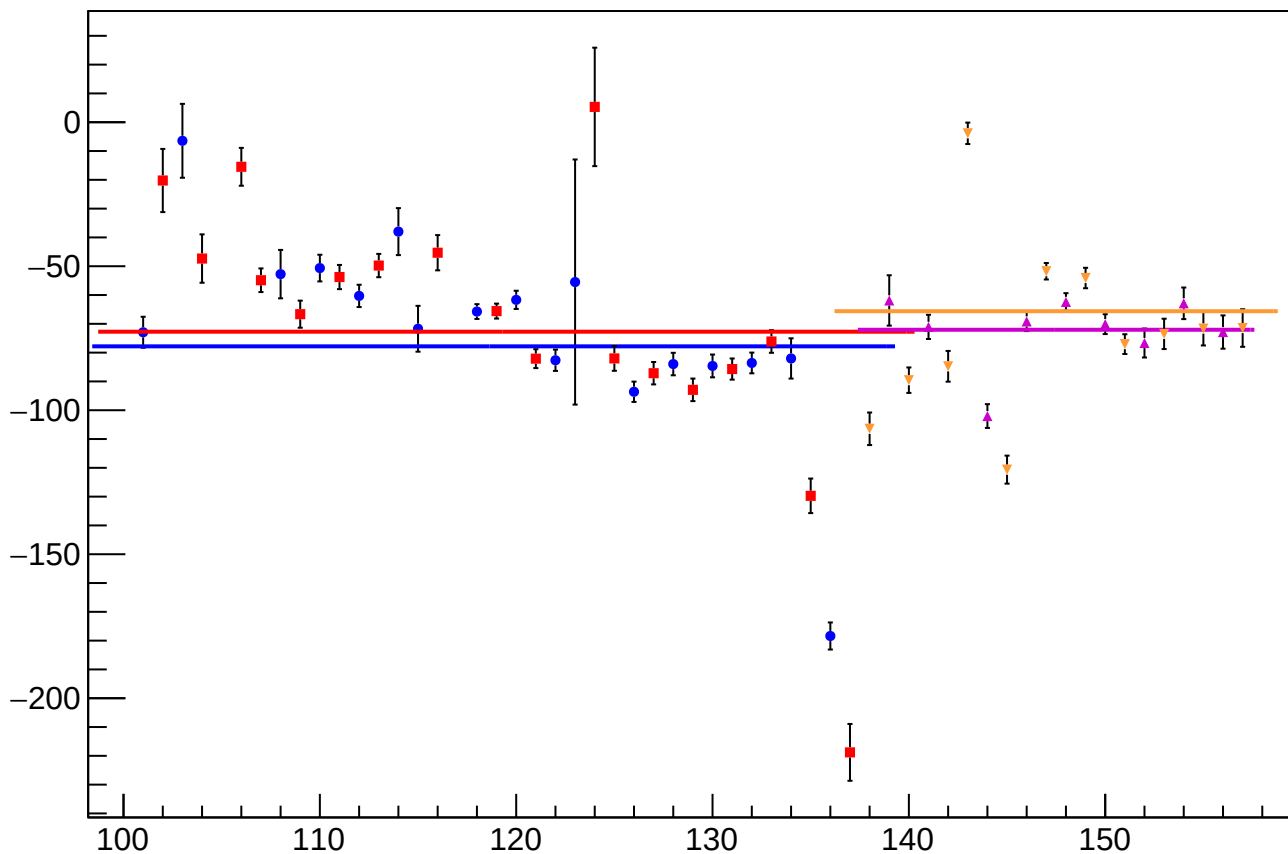
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -202.742 ± 1.221 χ^2/NDF : 773.0/25

Out: -183.965 ± 1.157 χ^2/NDF : 3304.8/28

All: -192.846 ± 0.840 χ^2/NDF : 4202.4/54

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -65.615 ± 1.283 χ^2/NDF : 547.3/10

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -72.060 ± 1.397 χ^2/NDF : 69.0/8

Left: -68.565 ± 0.945 χ^2/NDF : 627.8/19

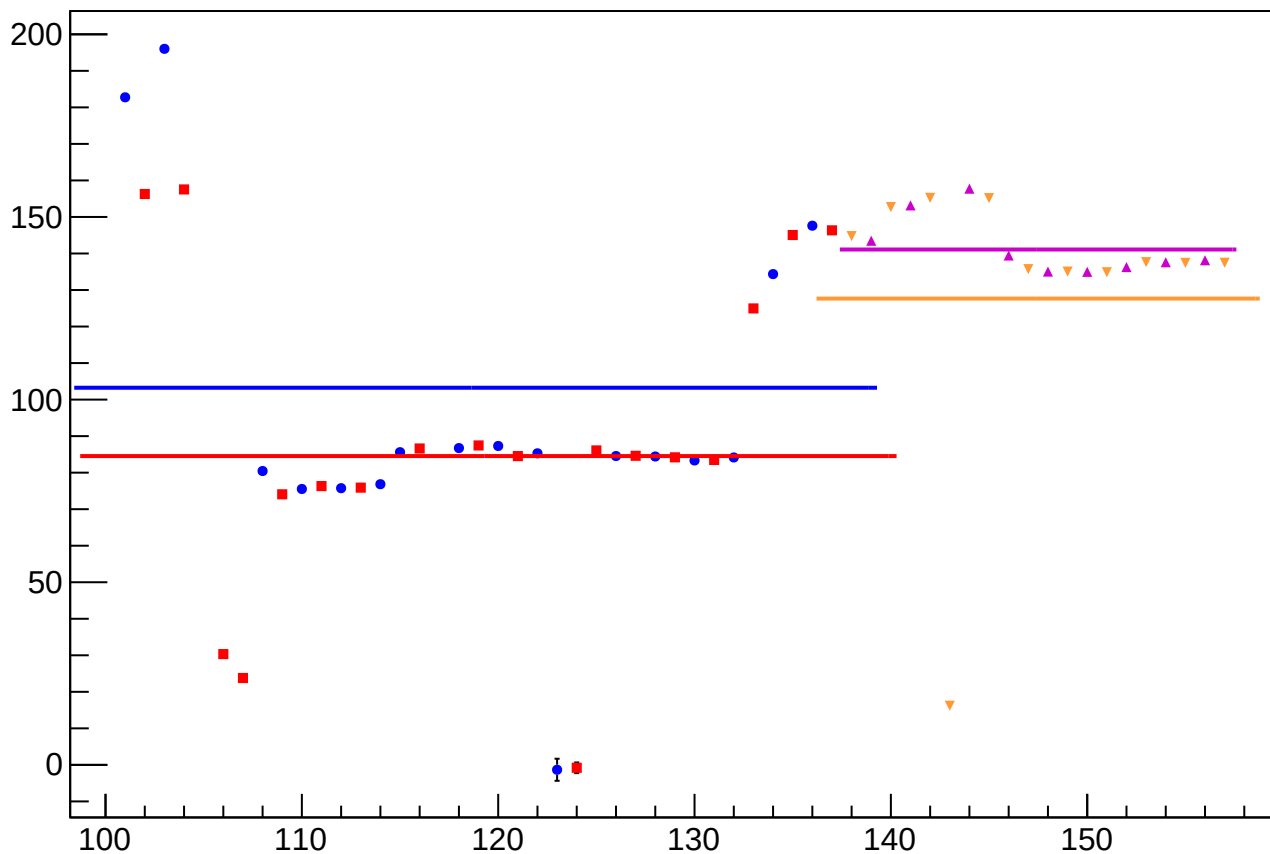
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -75.694 ± 0.848 χ^2/NDF : 736.0/25

Out: -69.867 ± 0.814 χ^2/NDF : 1164.6/28

All: -72.661 ± 0.587 χ^2/NDF : 1925.2/54

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 127.654 $\pm$ 0.064 χ^2 /NDF: 391972.4/10

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 141.090 $\pm$ 0.068 χ^2 /NDF: 12091.6/8

Left: 134.037 $\pm$ 0.047 χ^2 /NDF: 424718.5/19

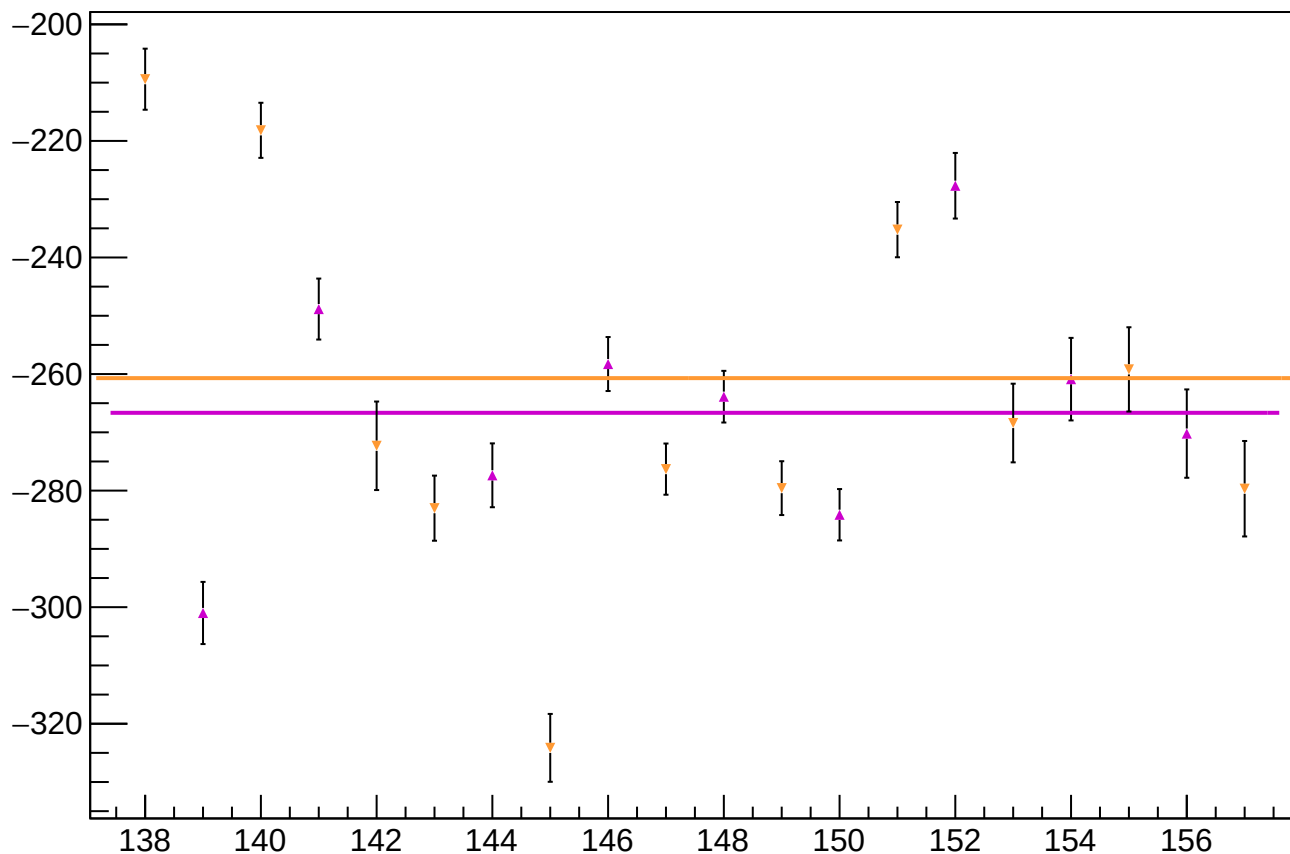
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 122.913 $\pm$ 0.049 χ^2 /NDF: 435392.6/25

Out: 105.923 $\pm$ 0.045 χ^2 /NDF: 1029022.9/28

All: 113.796 $\pm$ 0.033 χ^2 /NDF: 1529377.5/54

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -260.700+/-1.668 χ^2/NDF :378.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.652+/-1.760 χ^2/NDF :125.0/8

Left: -263.517+/-1.211 χ^2/NDF : 509.8/19

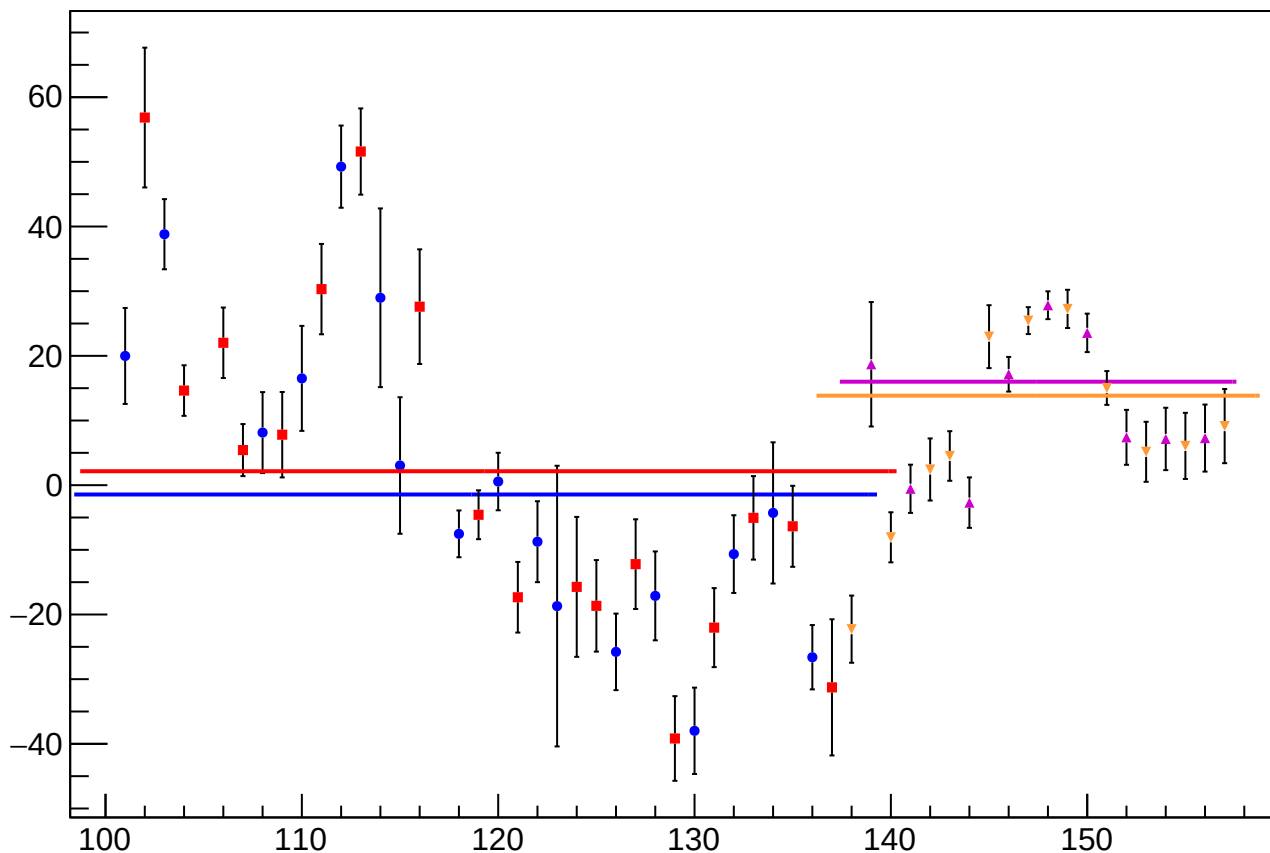
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.652+/-1.760 χ^2/NDF :125.0/8

Out: -260.700+/-1.668 χ^2/NDF :378.7/10

All: -263.517+/-1.211 χ^2/NDF : 509.8/19

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 13.845 ± 1.076 χ^2/NDF : 153.8/10

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 16.003 ± 1.152 χ^2/NDF : 90.0/8

Left: 14.849 ± 0.786 χ^2/NDF : 245.7/19

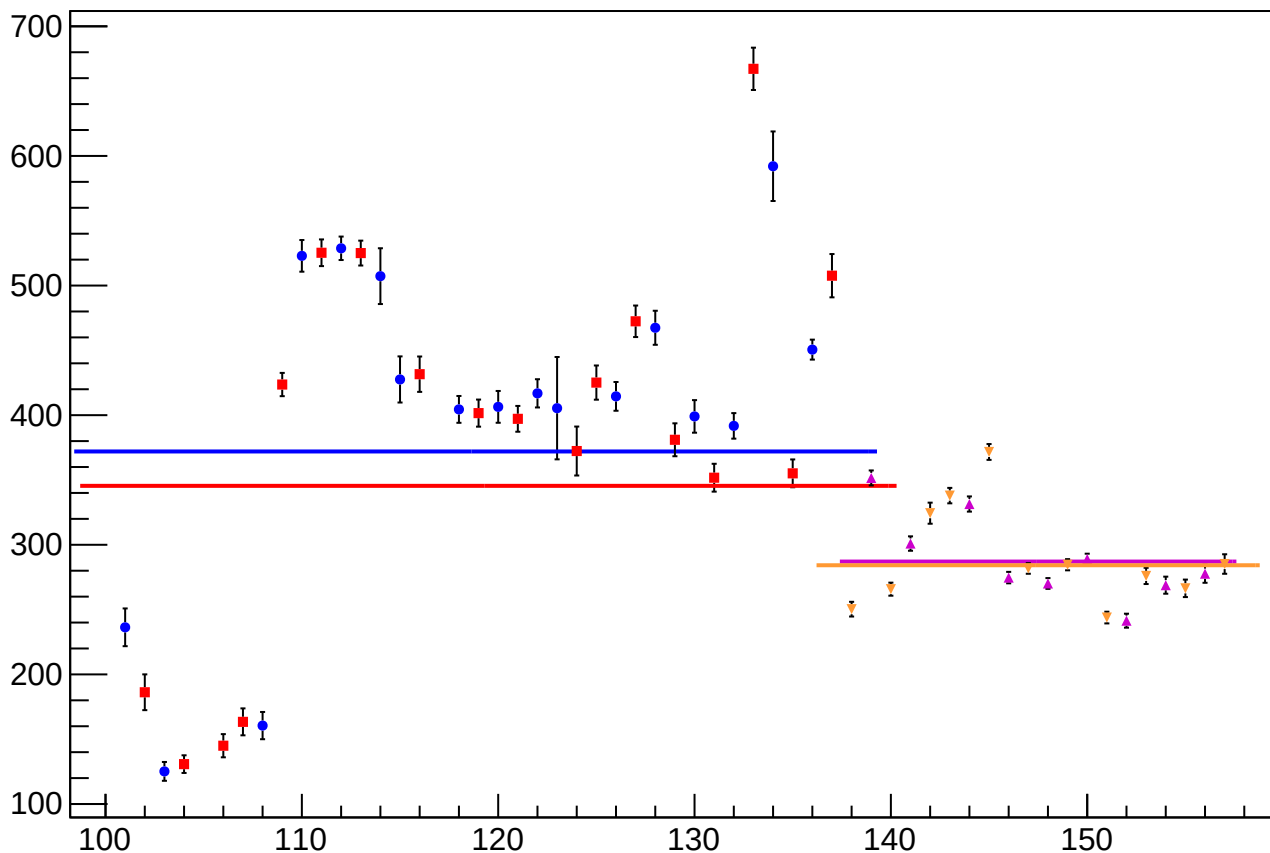
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 9.615 ± 0.917 χ^2/NDF : 398.3/25

Out: 9.510 ± 0.853 χ^2/NDF : 427.8/28

All: 9.559 ± 0.625 χ^2/NDF : 826.1/54

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 284.210 $\pm$ 1.649 χ^2 /NDF:448.4/10

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 287.059 $\pm$ 1.722 χ^2 /NDF:294.1/8

Left: 285.572 $\pm$ 1.191 χ^2 /NDF: 743.9/19

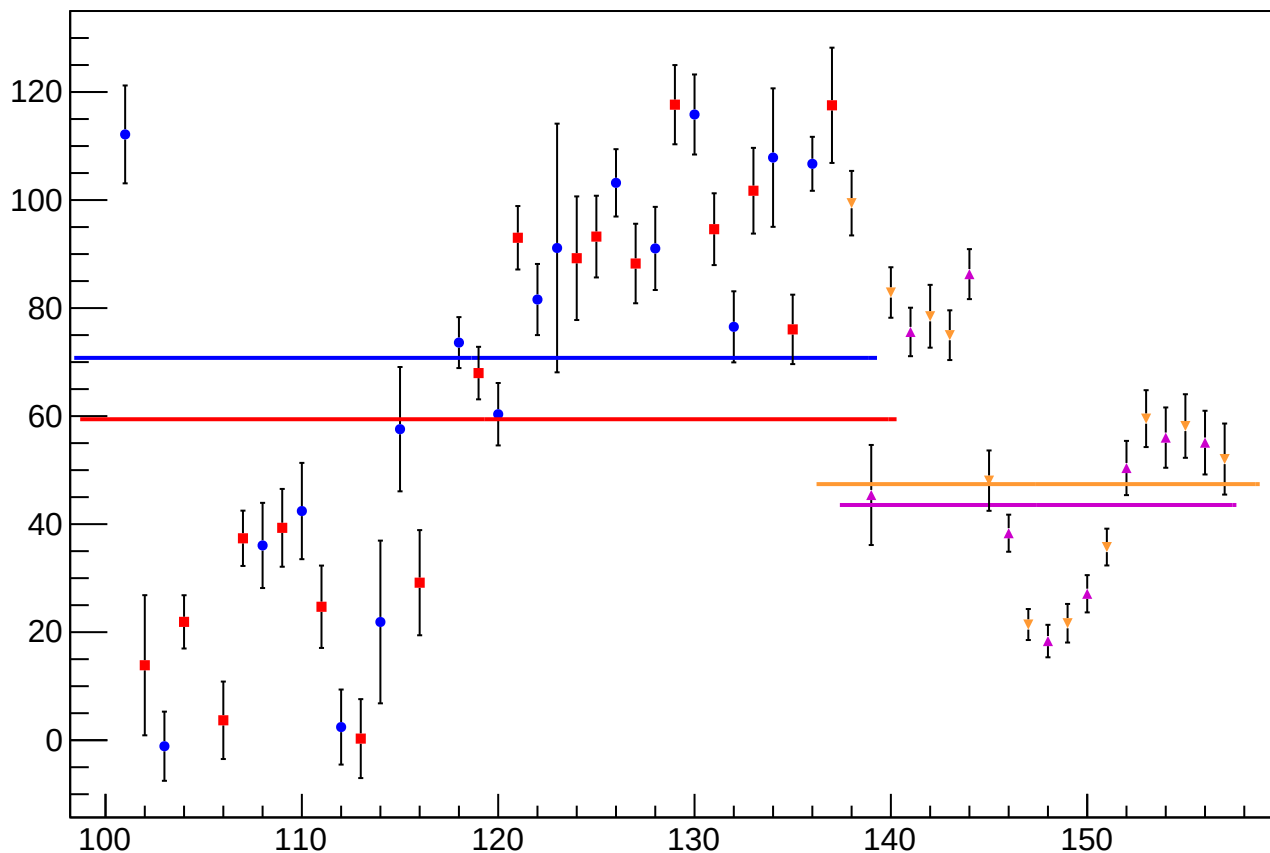
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 310.808 $\pm$ 1.462 χ^2 /NDF:3405.2/25

Out: 302.129 $\pm$ 1.387 χ^2 /NDF:4253.8/28

All: 306.240 $\pm$ 1.006 χ^2 /NDF: 7677.6/54

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2/NDF : 423.9/16

Left Out: 47.410 $\pm$ 1.340 χ^2/NDF : 352.7/10

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 43.546 $\pm$ 1.432 χ^2/NDF : 242.1/8

Left: 45.605 $\pm$ 0.978 χ^2/NDF : 598.7/19

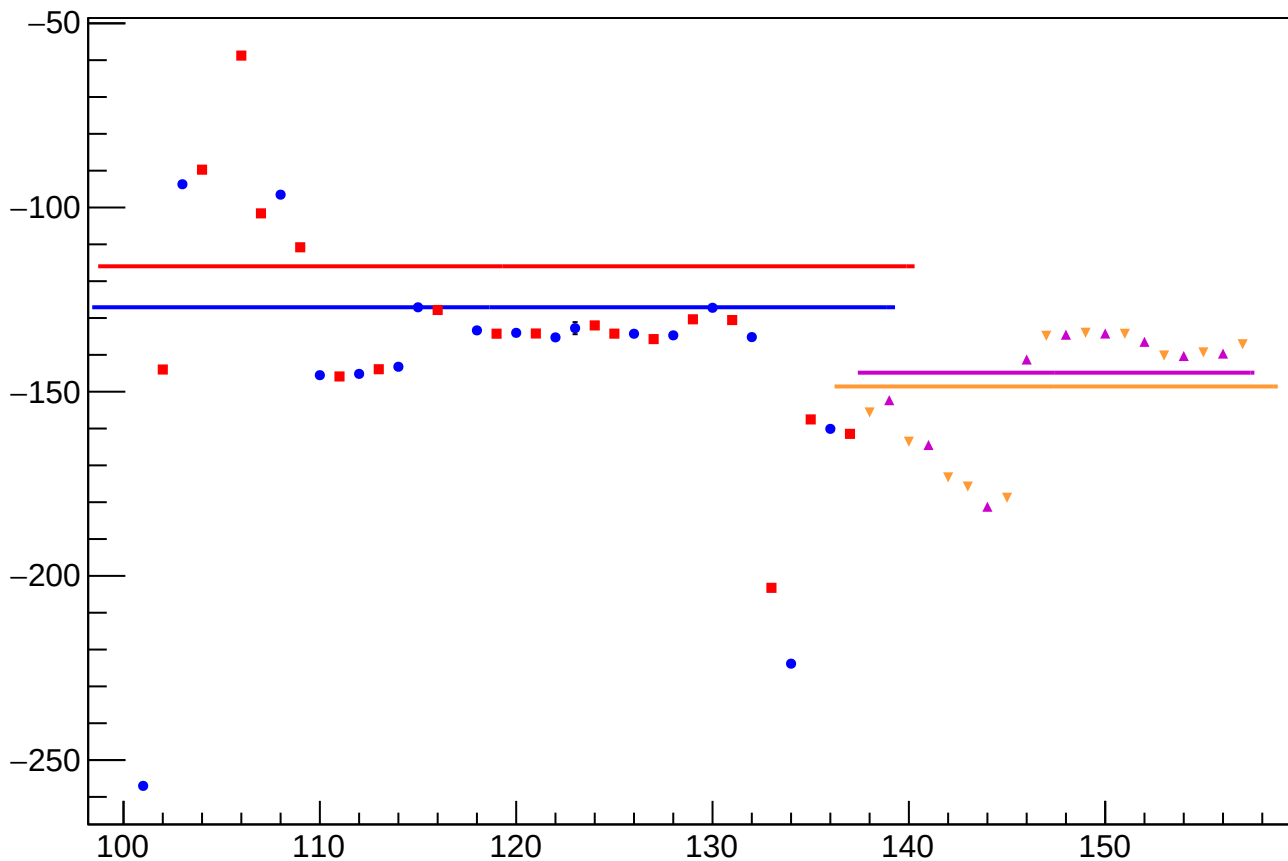
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 54.489 $\pm$ 1.107 χ^2/NDF : 811.5/25

Out: 52.248 $\pm$ 1.036 χ^2/NDF : 871.6/28

All: 53.294 $\pm$ 0.756 χ^2/NDF : 1685.3/54

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -148.586+/-0.068 χ^2/NDF : 61209.4/10

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -144.838+/-0.070 χ^2/NDF : 38833.0/8

Left: -146.769+/-0.049 χ^2/NDF : 101532.5/19

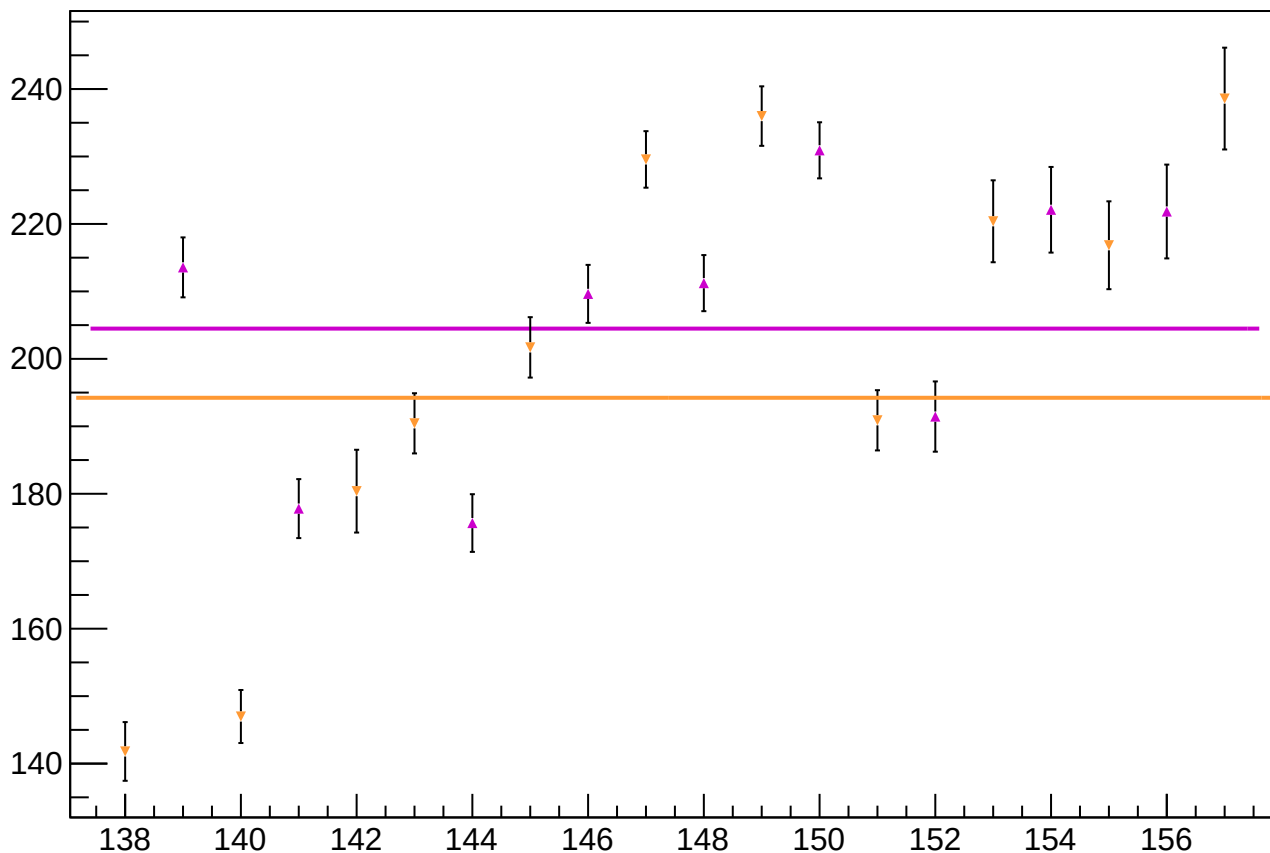
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.137+/-0.055 χ^2/NDF : 230374.8/25

Out: -135.580+/-0.052 χ^2/NDF : 313079.5/28

All: -136.797+/-0.038 χ^2/NDF : 544587.8/54

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 194.231+/-1.457 χ^2/NDF :524.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 204.485+/-1.562 χ^2/NDF :151.5/8

Left: 199.002+/-1.066 χ^2/NDF : 699.3/19

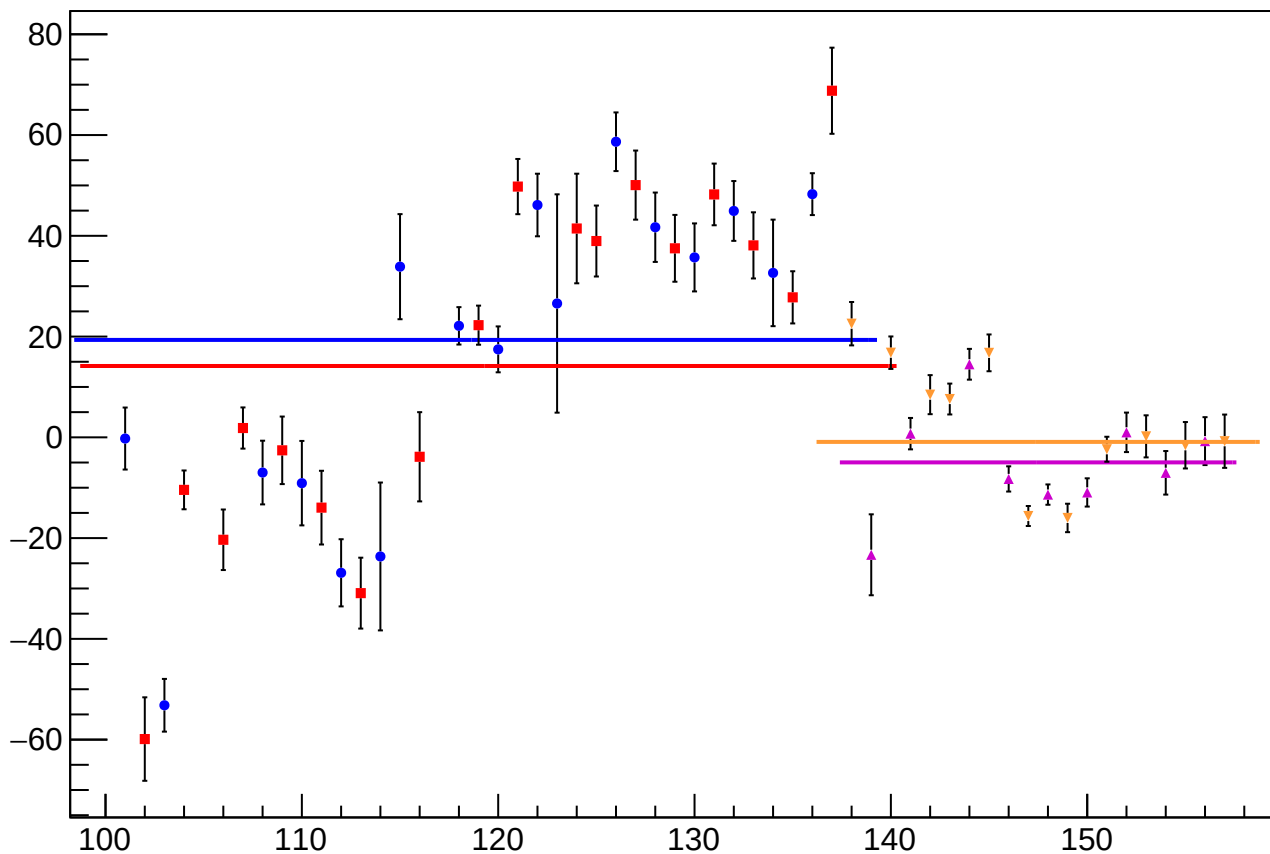
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 204.485+/-1.562 χ^2/NDF :151.5/8

Out: 194.231+/-1.457 χ^2/NDF :524.7/10

All: 199.002+/-1.066 χ^2/NDF : 699.3/19

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.906 ± 0.962 $\chi^2/\text{NDF}: 180.8/10$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -4.973 ± 1.042 $\chi^2/\text{NDF}: 68.8/8$

Left: -2.777 ± 0.707 $\chi^2/\text{NDF}: 257.8/19$

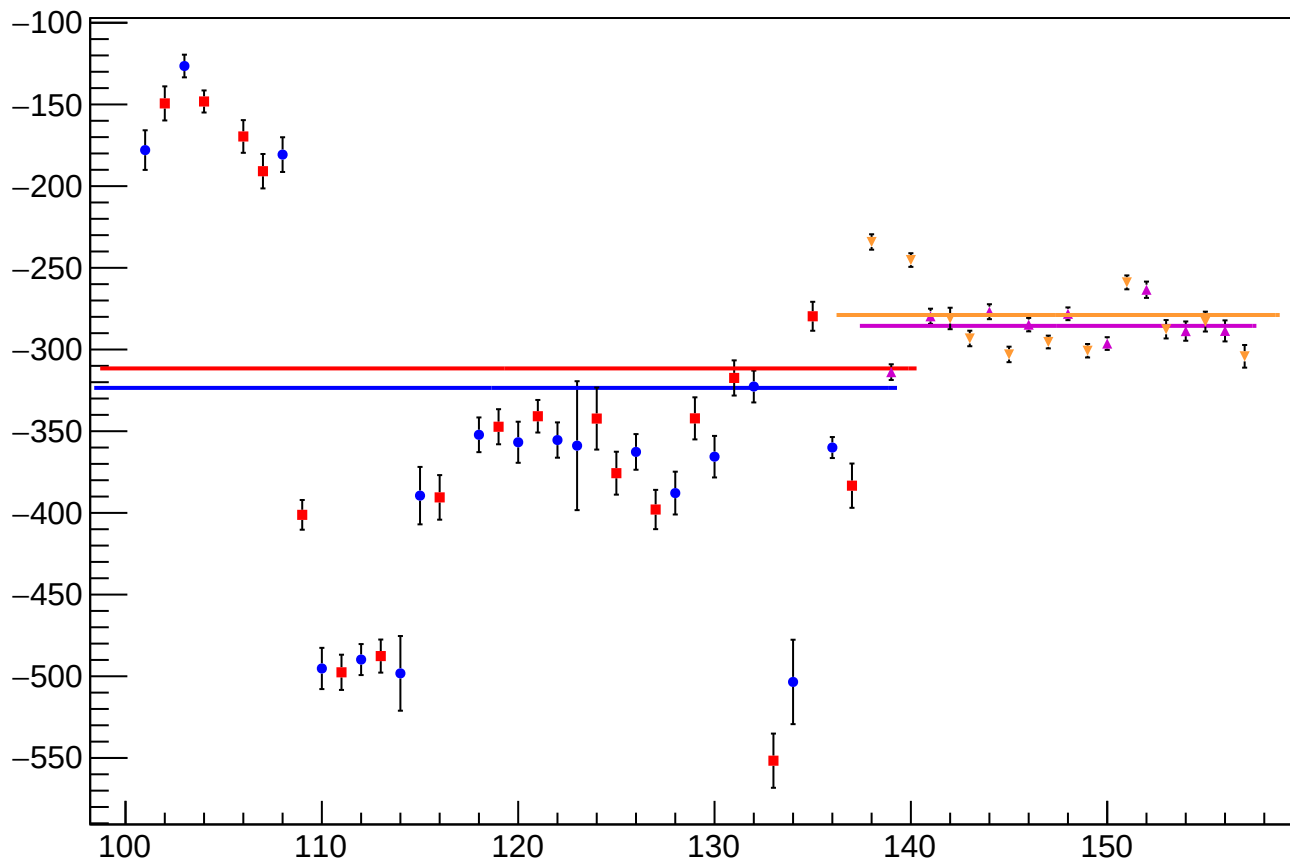
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 3.068 ± 0.853 $\chi^2/\text{NDF}: 688.7/25$

Out: 3.968 ± 0.791 $\chi^2/\text{NDF}: 686.2/28$

All: 3.552 ± 0.580 $\chi^2/\text{NDF}: 1375.4/54$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -278.870 ± 1.455 χ^2/NDF : 273.6/10

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -285.524 ± 1.540 χ^2/NDF : 71.4/8

Left: -282.007 ± 1.058 χ^2/NDF : 354.9/19

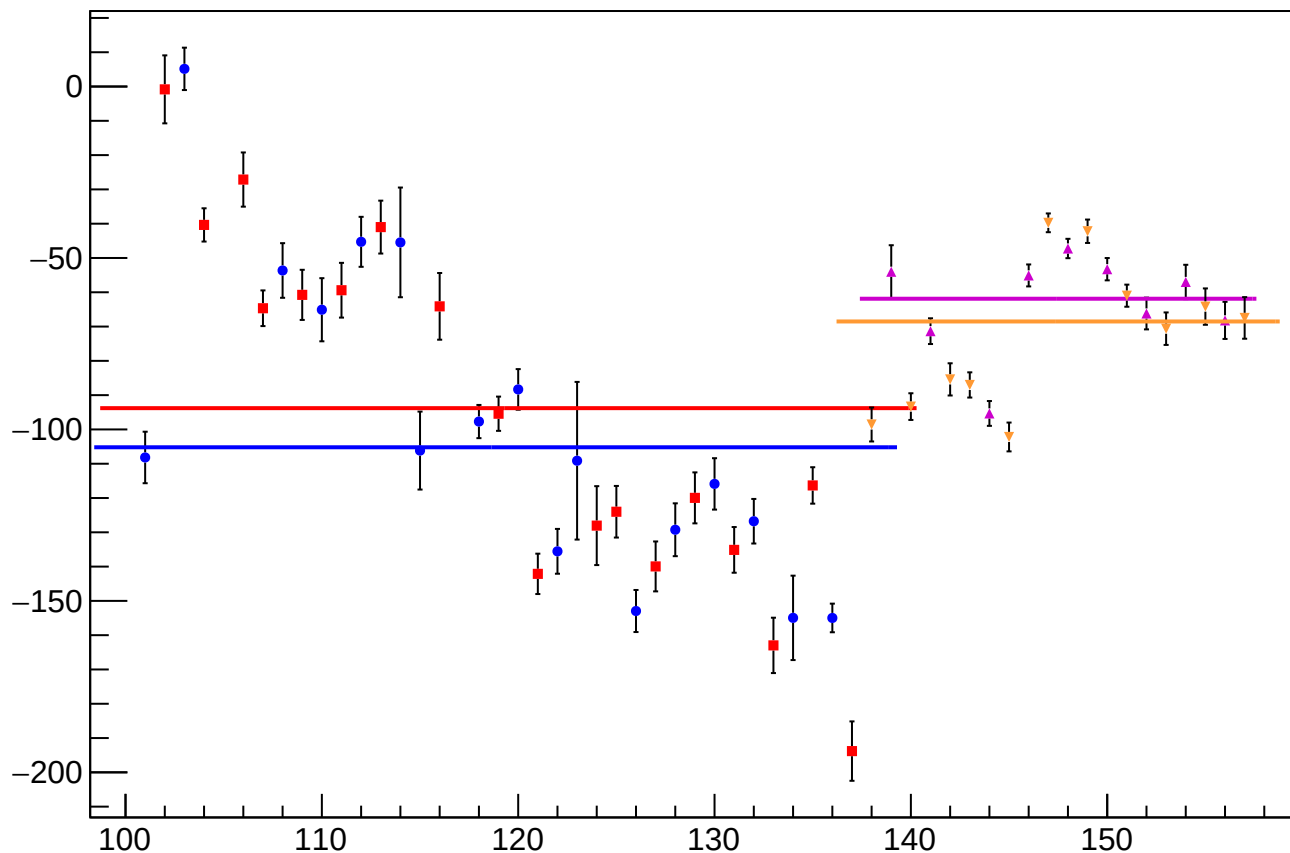
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -294.989 ± 1.334 χ^2/NDF : 2070.5/25

Out: -287.011 ± 1.261 χ^2/NDF : 2643.2/28

All: -290.774 ± 0.916 χ^2/NDF : 4732.5/54

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.513 ± 1.191 χ^2/NDF : 356.2/10

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -61.883 ± 1.289 χ^2/NDF : 134.4/8

Left: -65.460 ± 0.874 χ^2/NDF : 504.9/19

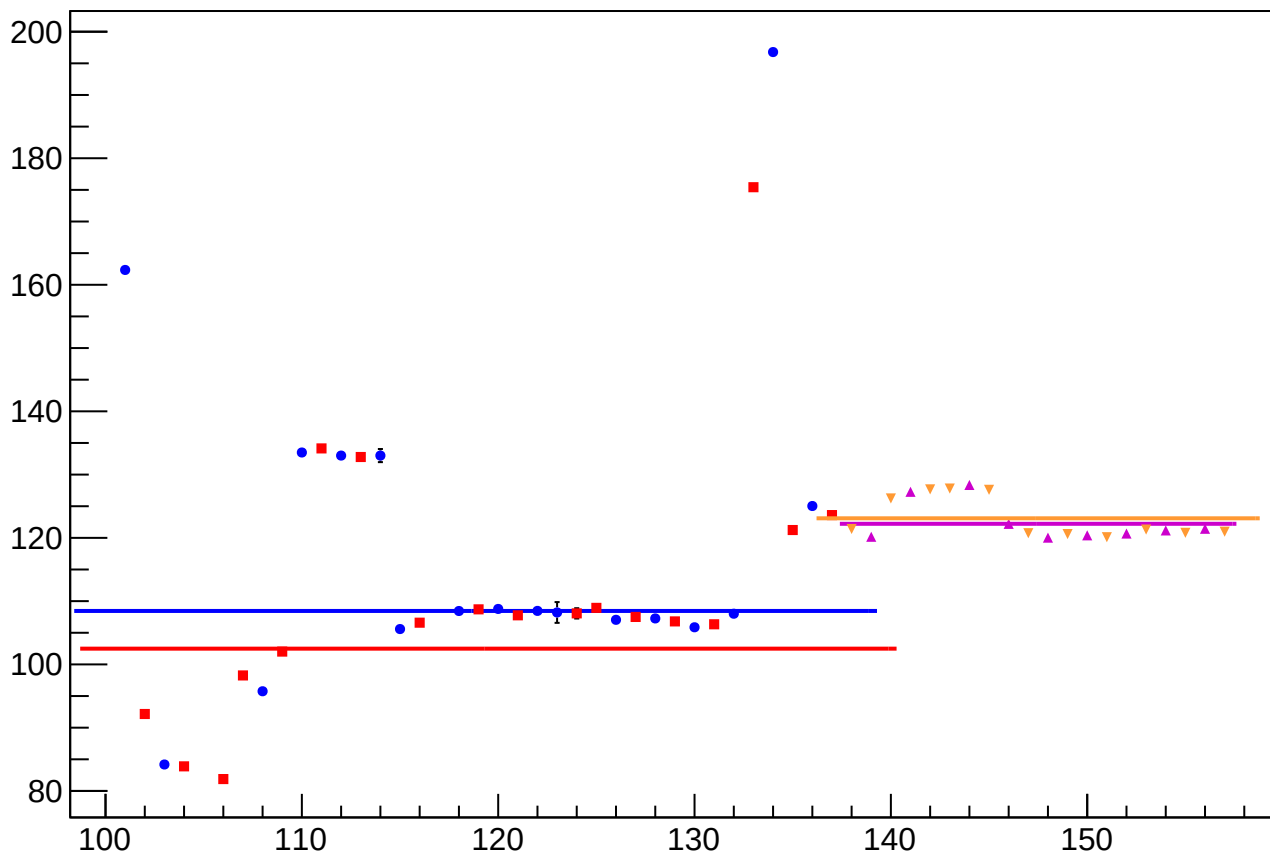
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -77.730 ± 1.026 χ^2/NDF : 1283.5/25

Out: -77.442 ± 0.958 χ^2/NDF : 1330.8/28

All: -77.576 ± 0.700 χ^2/NDF : 2614.3/54

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 +/- 0.085 χ^2/NDF : 73265.3/16

Left Out: 123.092 +/- 0.059 χ^2/NDF : 2755.8/10

Right Out: 102.490 +/- 0.080 χ^2/NDF : 52909.2/17

Left In: 122.223 +/- 0.062 χ^2/NDF : 2206.8/8

Left: 122.677 +/- 0.043 χ^2/NDF : 5064.6/19

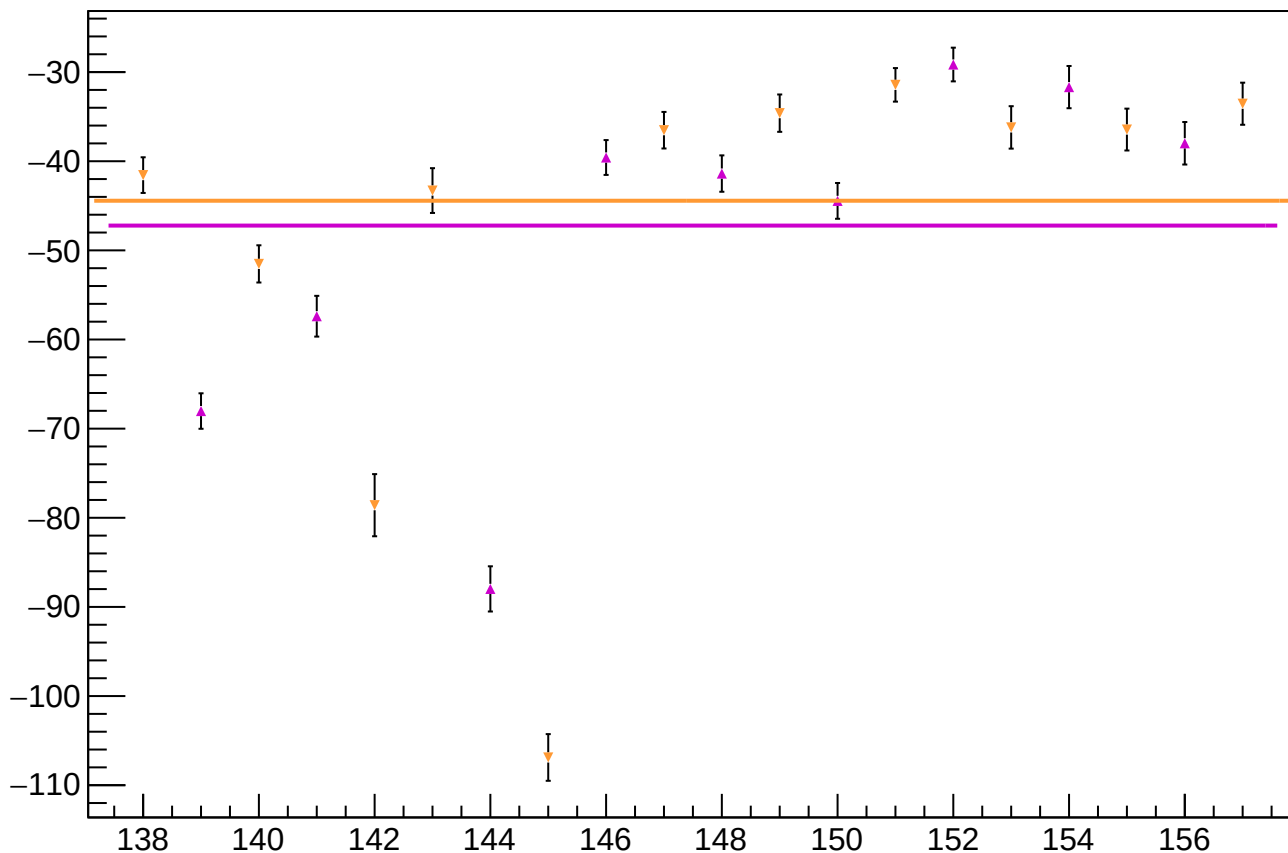
Right: 105.281 +/- 0.058 χ^2/NDF : 128799.0/34

In: 117.408 +/- 0.050 χ^2/NDF : 92638.5/25

Out: 115.728 +/- 0.048 χ^2/NDF : 98704.3/28

All: 116.524 +/- 0.035 χ^2/NDF : 191934.0/54

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -44.433+/-0.682 χ^2/NDF : 807.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.219+/-0.710 χ^2/NDF : 562.2/8

Left: -45.769+/-0.492 χ^2/NDF : 1378.0/19

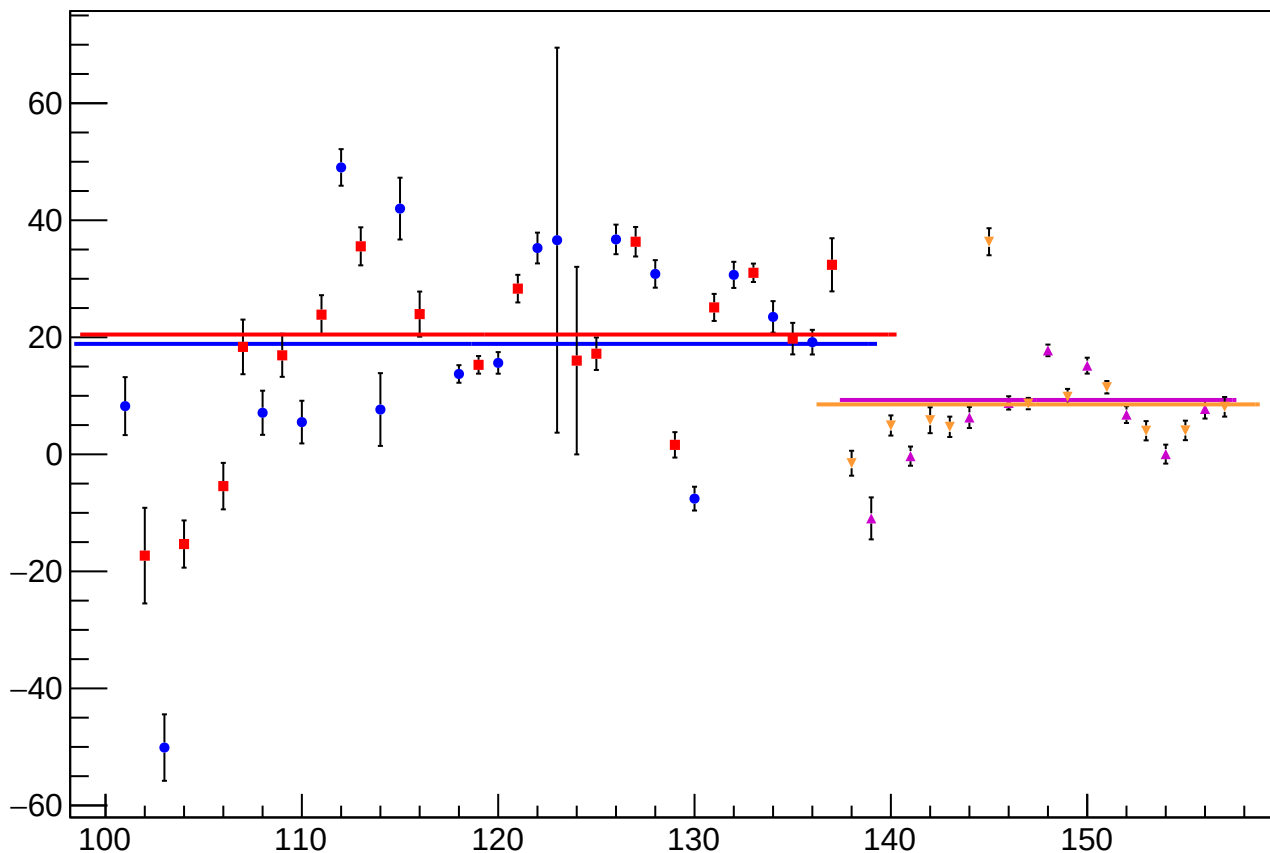
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.219+/-0.710 χ^2/NDF : 562.2/8

Out: -44.433+/-0.682 χ^2/NDF : 807.8/10

All: -45.769+/-0.492 χ^2/NDF : 1378.0/19

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.534 $\pm$ 0.454 χ^2 /NDF:200.9/10

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 9.293 $\pm$ 0.481 χ^2 /NDF:197.1/8

Left: 8.891 $\pm$ 0.330 χ^2 /NDF: 399.3/19

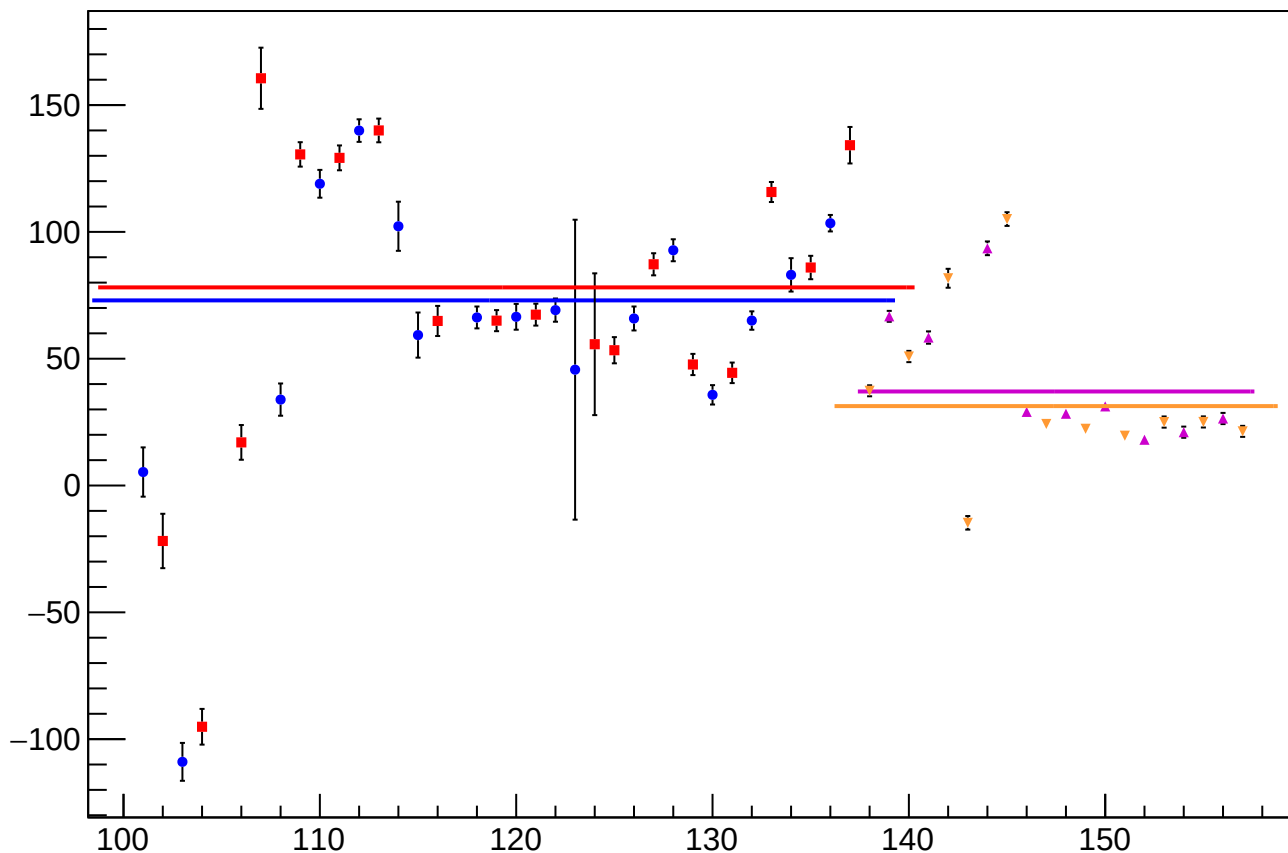
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 12.723 $\pm$ 0.386 χ^2 /NDF:959.5/25

Out: 12.501 $\pm$ 0.371 χ^2 /NDF:793.2/28

All: 12.608 $\pm$ 0.267 χ^2 /NDF: 1752.9/54

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 31.312 ± 0.670 χ^2/NDF : 1420.1/10

Right Out: 78.119 ± 1.224 χ^2/NDF : 1546.8/17

Left In: 37.077 ± 0.693 χ^2/NDF : 935.3/8

Left: 34.095 ± 0.482 χ^2/NDF : 2391.2/19

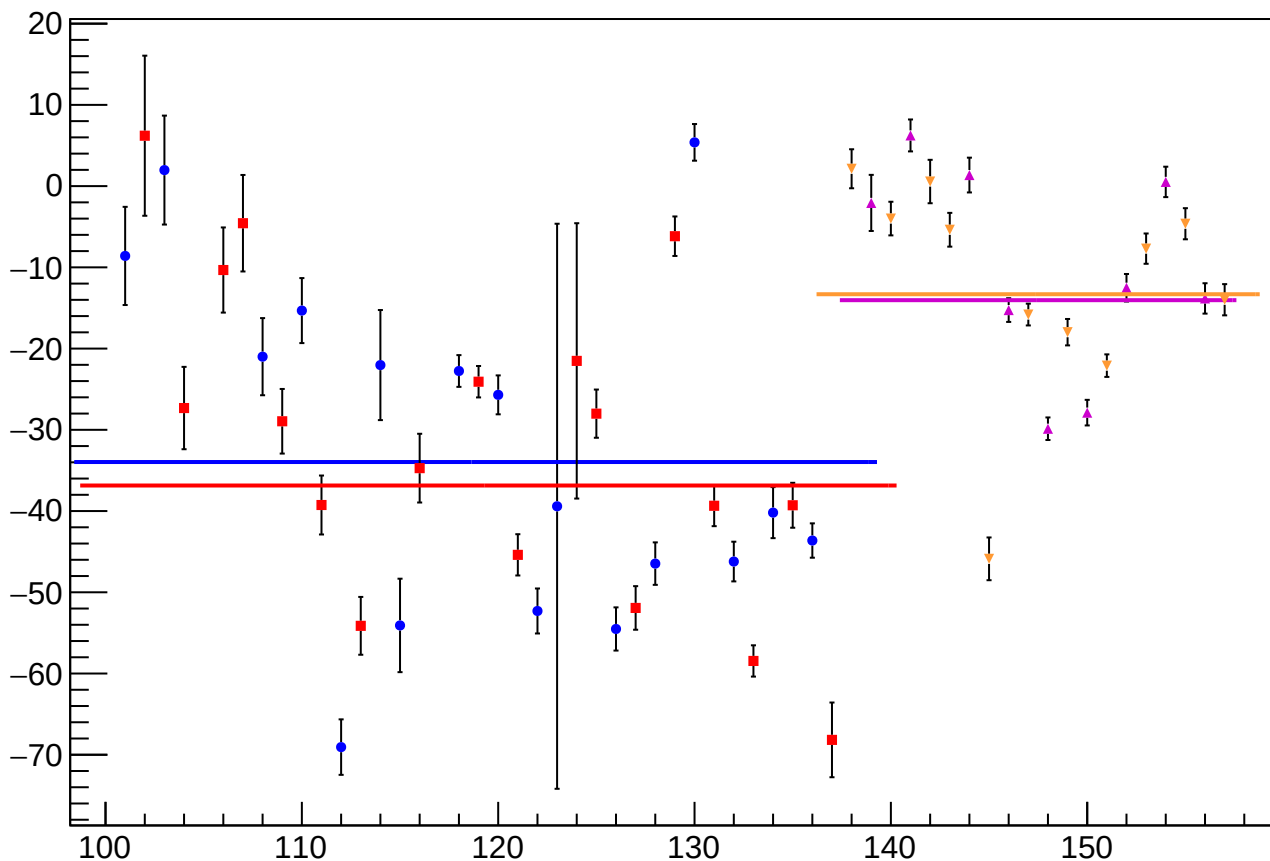
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 45.740 ± 0.604 χ^2/NDF : 2787.7/25

Out: 42.102 ± 0.588 χ^2/NDF : 4092.4/28

All: 43.871 ± 0.421 χ^2/NDF : 6898.7/54

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.310 ± 0.558 χ^2/NDF : 338.0/10

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.041 ± 0.590 χ^2/NDF : 439.3/8

Left: -13.655 ± 0.406 χ^2/NDF : 778.1/19

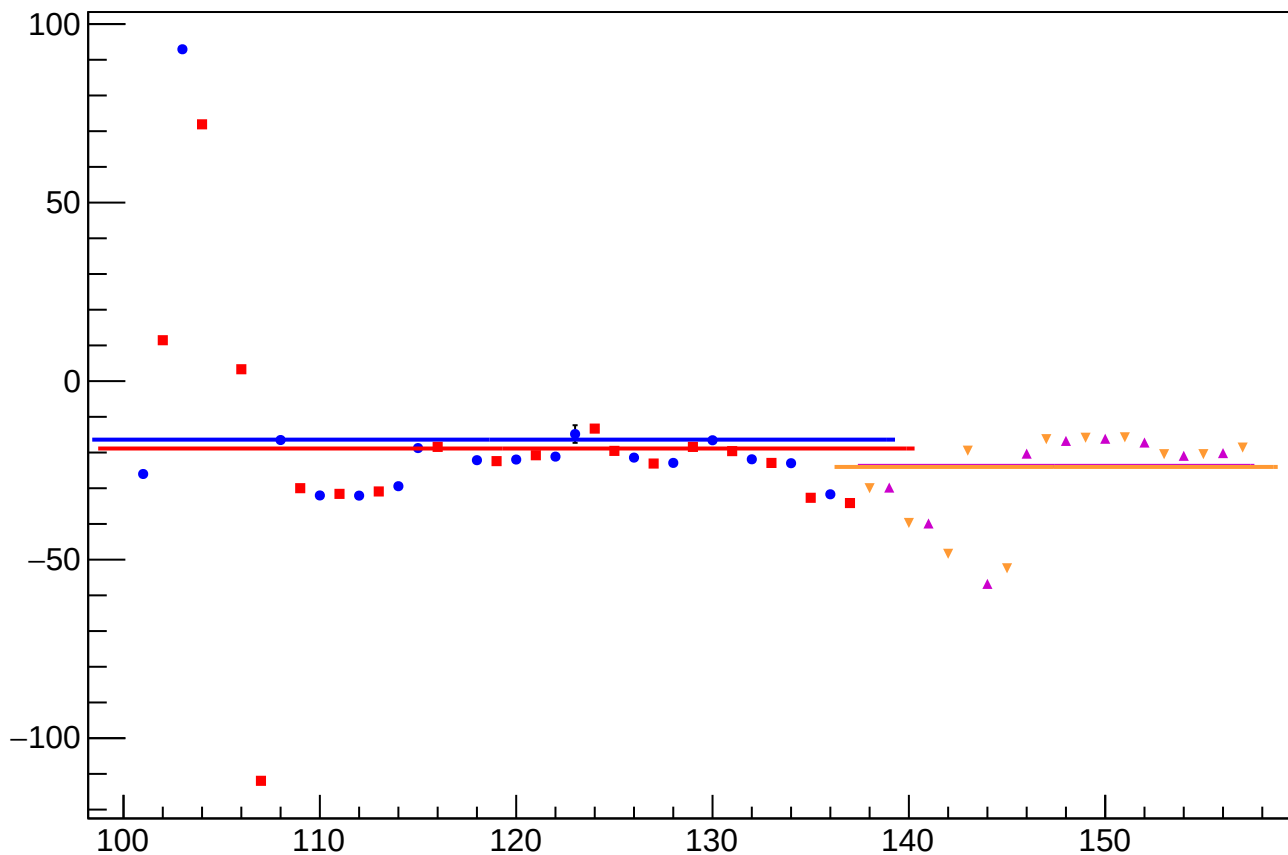
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -21.817 ± 0.461 χ^2/NDF : 1606.1/25

Out: -21.897 ± 0.445 χ^2/NDF : 1521.9/28

All: -21.858 ± 0.320 χ^2/NDF : 3128.0/54

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -24.033 ± 0.027 $\chi^2/\text{NDF}: 167545.5/10$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -23.731 ± 0.027 $\chi^2/\text{NDF}: 140434.6/8$

Left: -23.886 ± 0.019 $\chi^2/\text{NDF}: 308042.7/19$

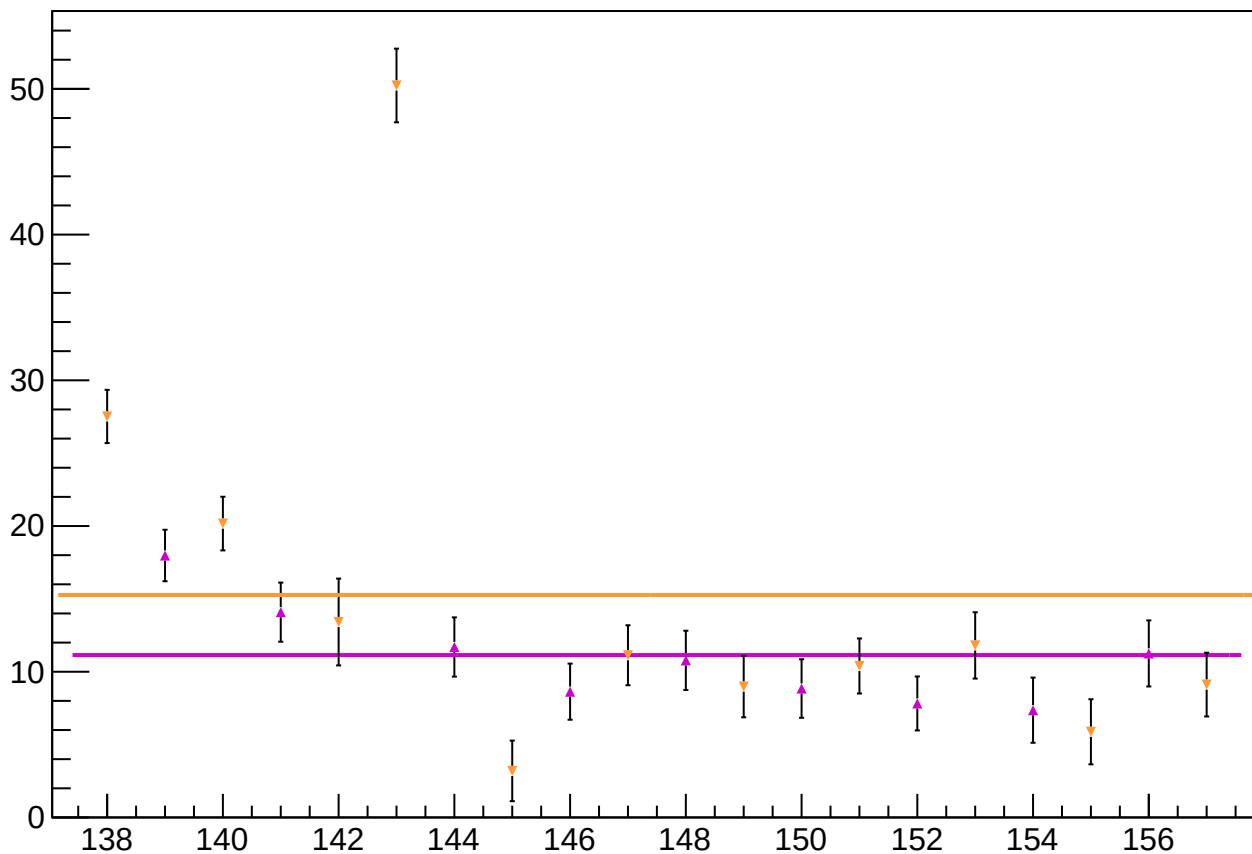
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -21.711 ± 0.023 $\chi^2/\text{NDF}: 634512.3/25$

Out: -22.710 ± 0.023 $\chi^2/\text{NDF}: 610567.5/28$

All: -22.219 ± 0.016 $\chi^2/\text{NDF}: 1246011.8/54$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 15.265 ± 0.640 χ^2/NDF : 325.0/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 11.144 ± 0.667 χ^2/NDF : 26.3/8

Left: 13.288 ± 0.462 χ^2/NDF : 371.1/19

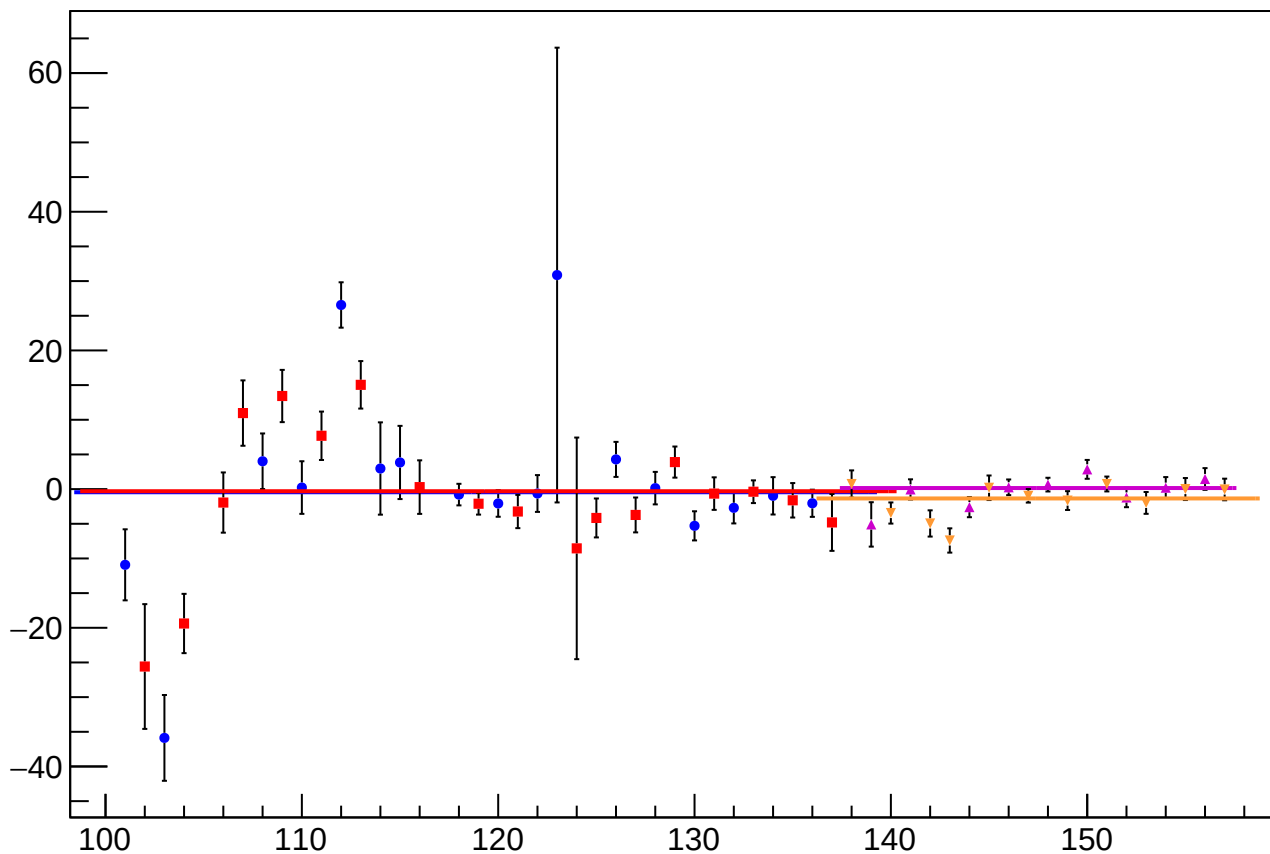
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 11.144 ± 0.667 χ^2/NDF : 26.3/8

Out: 15.265 ± 0.640 χ^2/NDF : 325.0/10

All: 13.288 ± 0.462 χ^2/NDF : 371.1/19

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.347 ± 0.435 χ^2/NDF : 25.0/10

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.154 ± 0.460 χ^2/NDF : 12.1/8

Left: -0.638 ± 0.316 χ^2/NDF : 42.7/19

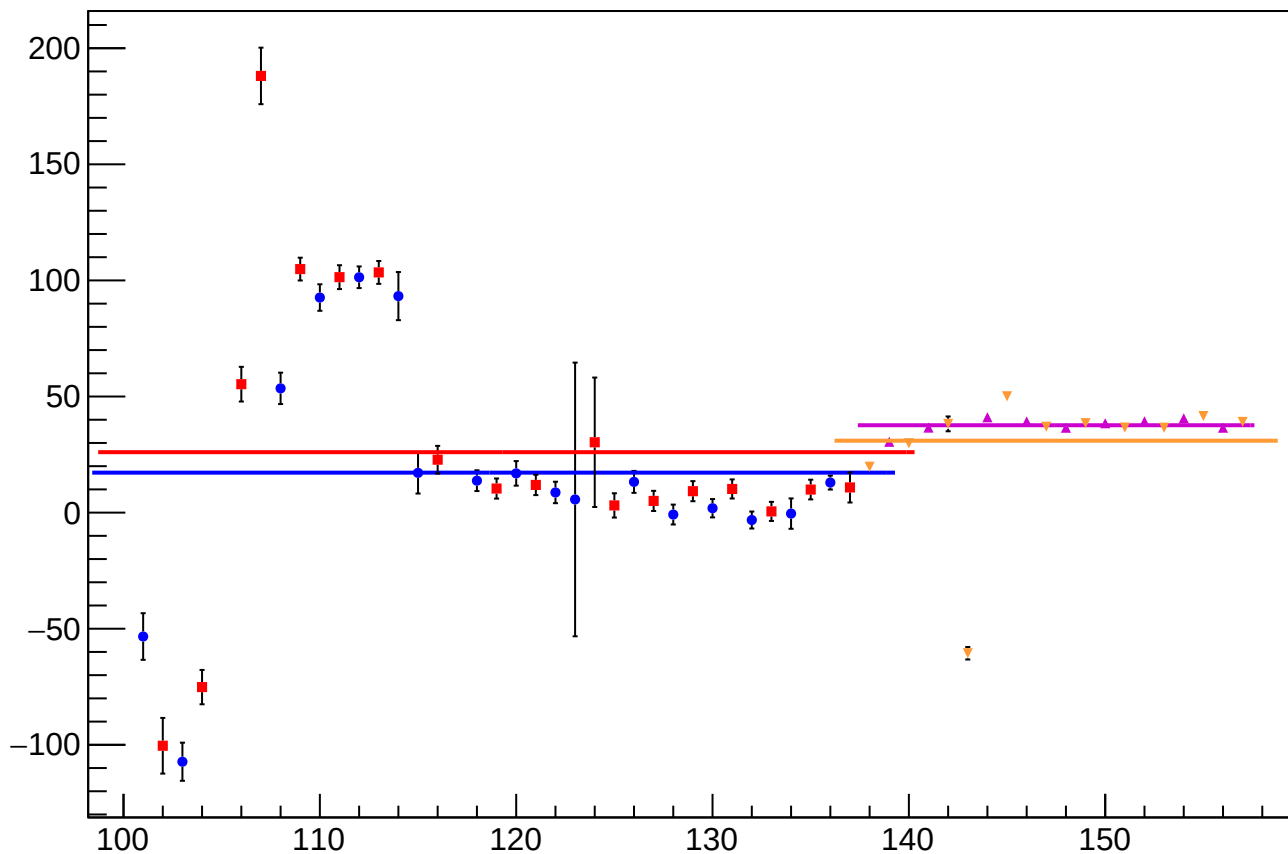
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.046 ± 0.376 χ^2/NDF : 132.2/25

Out: -1.030 ± 0.363 χ^2/NDF : 110.8/28

All: -0.556 ± 0.261 χ^2/NDF : 246.6/54

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.975 ± 0.633 $\chi^2/\text{NDF}: 1350.4/10$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 37.629 ± 0.655 $\chi^2/\text{NDF}: 21.2/8$

Left: 34.186 ± 0.455 $\chi^2/\text{NDF}: 1424.9/19$

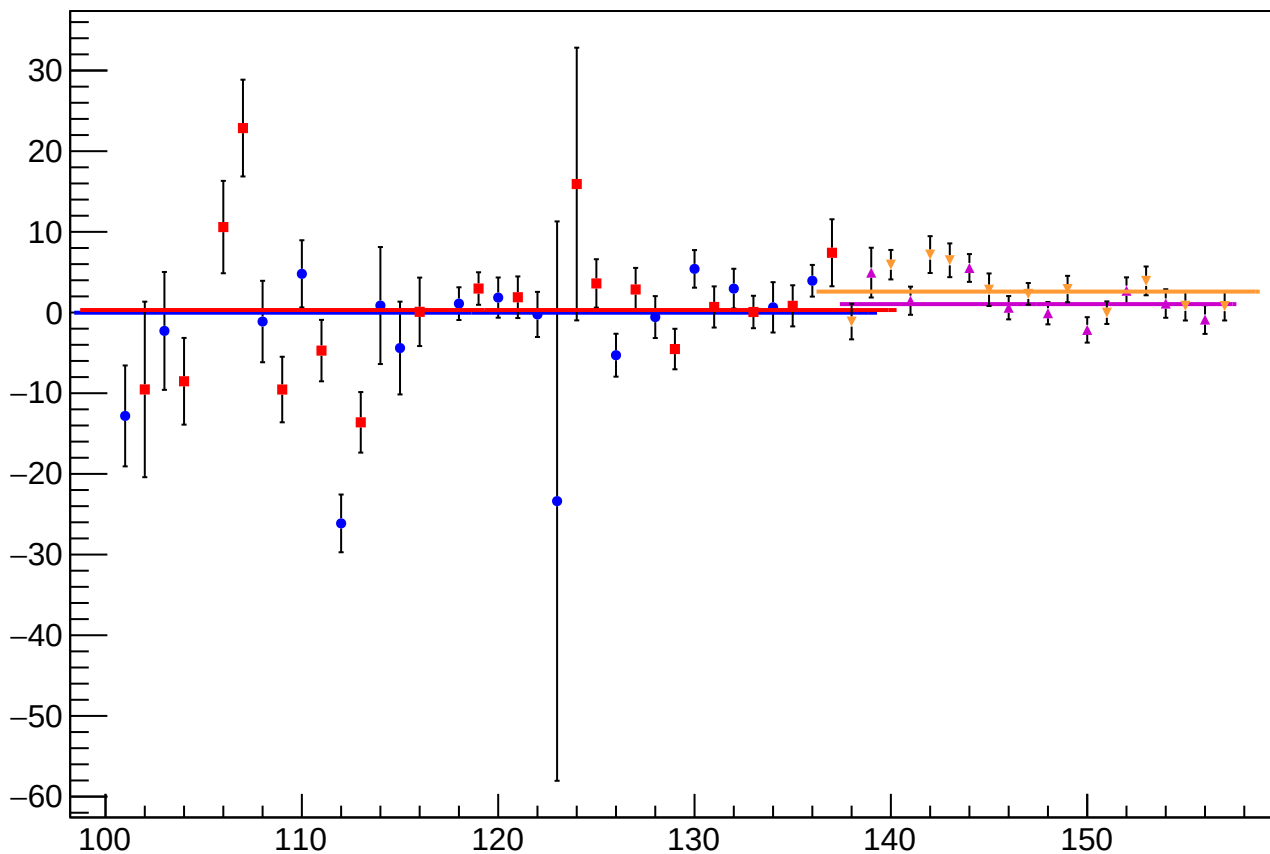
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 33.178 ± 0.579 $\chi^2/\text{NDF}: 1172.8/25$

Out: 29.959 ± 0.564 $\chi^2/\text{NDF}: 2728.9/28$

All: 31.525 ± 0.404 $\chi^2/\text{NDF}: 3917.6/54$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.598 ± 0.532 χ^2/NDF : 19.7/10

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.044 ± 0.561 χ^2/NDF : 15.5/8

Left: 1.863 ± 0.386 χ^2/NDF : 39.2/19

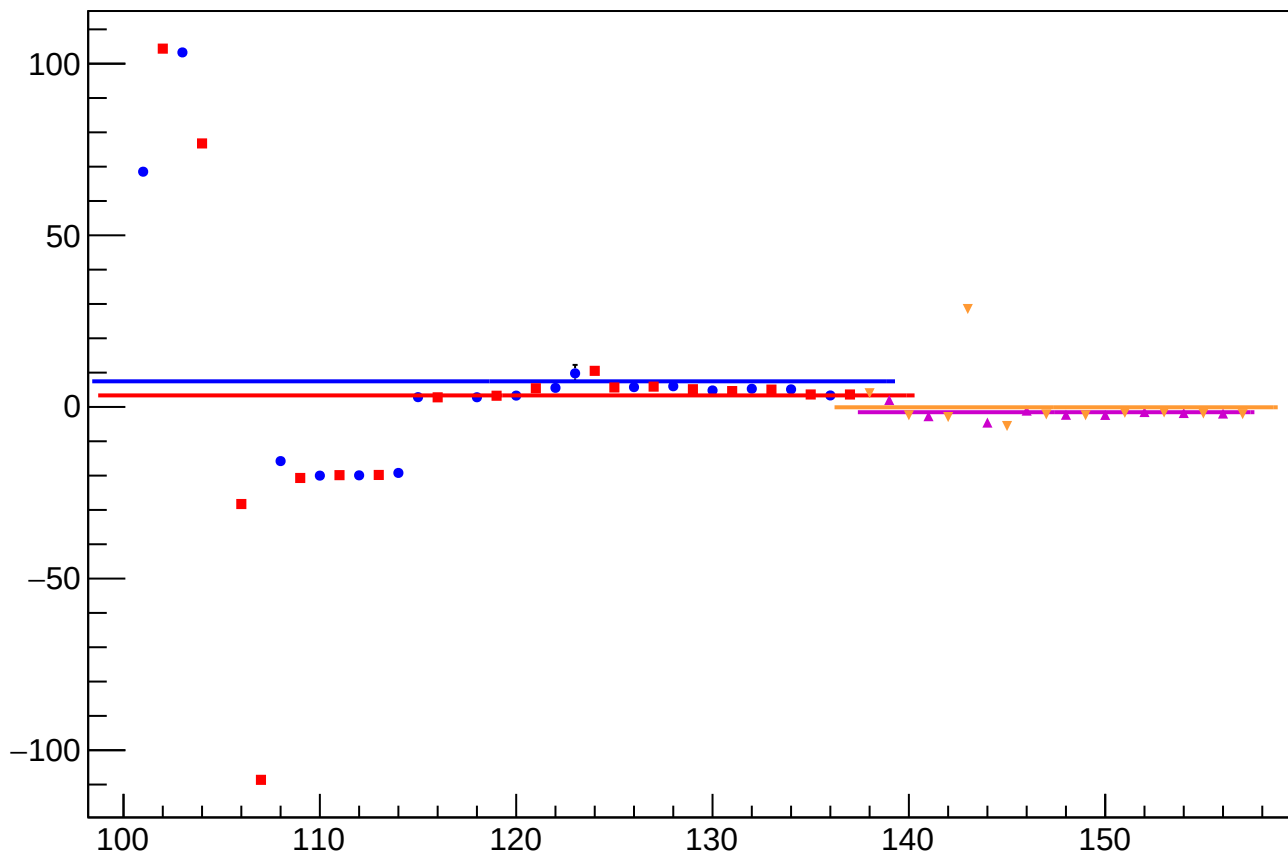
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.658 ± 0.448 χ^2/NDF : 92.6/25

Out: 1.832 ± 0.434 χ^2/NDF : 80.0/28

All: 1.265 ± 0.312 χ^2/NDF : 176.1/54

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.098+/-0.025 χ^2/NDF : 81649.2/10

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -1.532+/-0.026 χ^2/NDF : 4187.9/8

Left: -0.792+/-0.018 χ^2/NDF : 87429.6/19

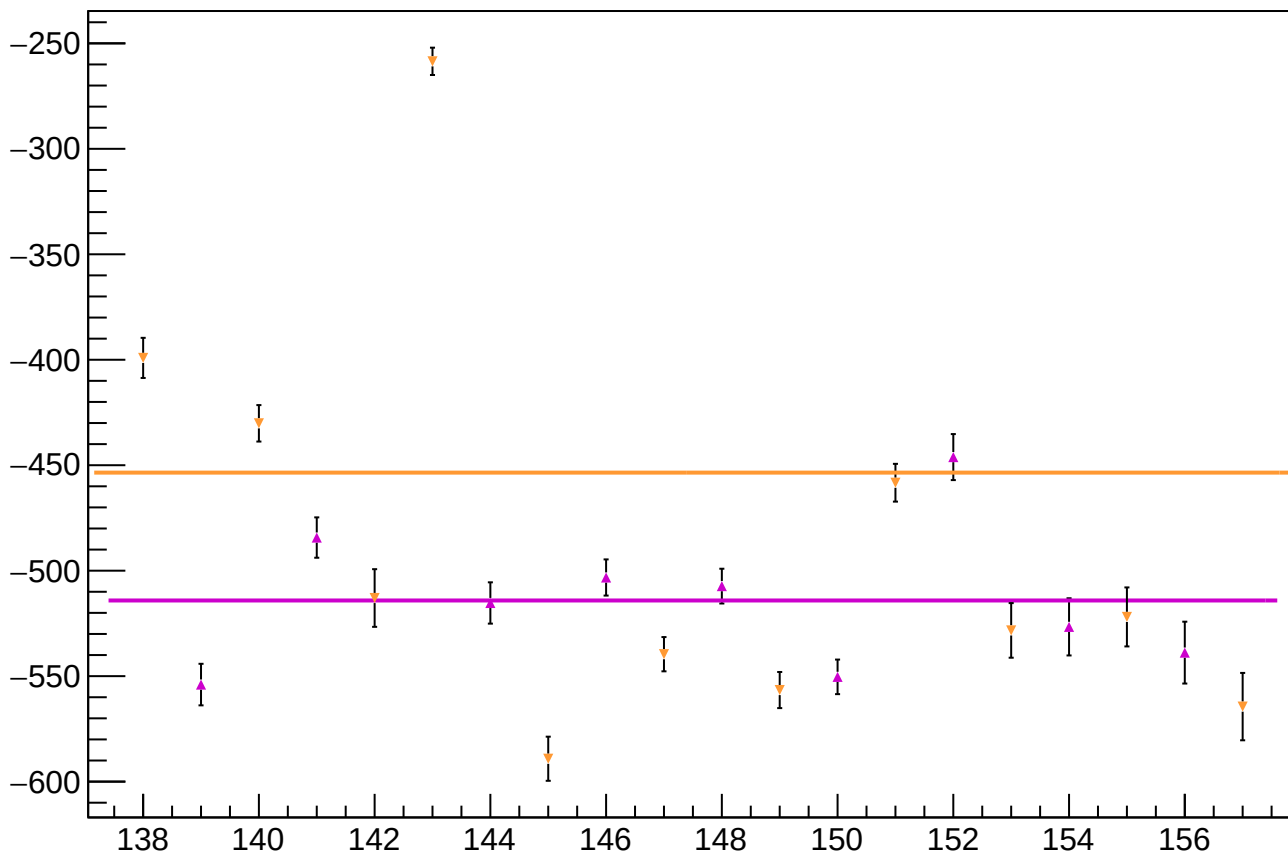
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.735+/-0.022 χ^2/NDF : 390711.1/25

Out: 0.701+/-0.022 χ^2/NDF : 590887.7/28

All: 0.718+/-0.016 χ^2/NDF : 981600.0/54

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -453.505+/-2.898 χ^2/NDF :1496.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -514.125+/-3.272 χ^2/NDF :90.5/8

Left: -480.151+/-2.170 χ^2/NDF : 1779.5/19

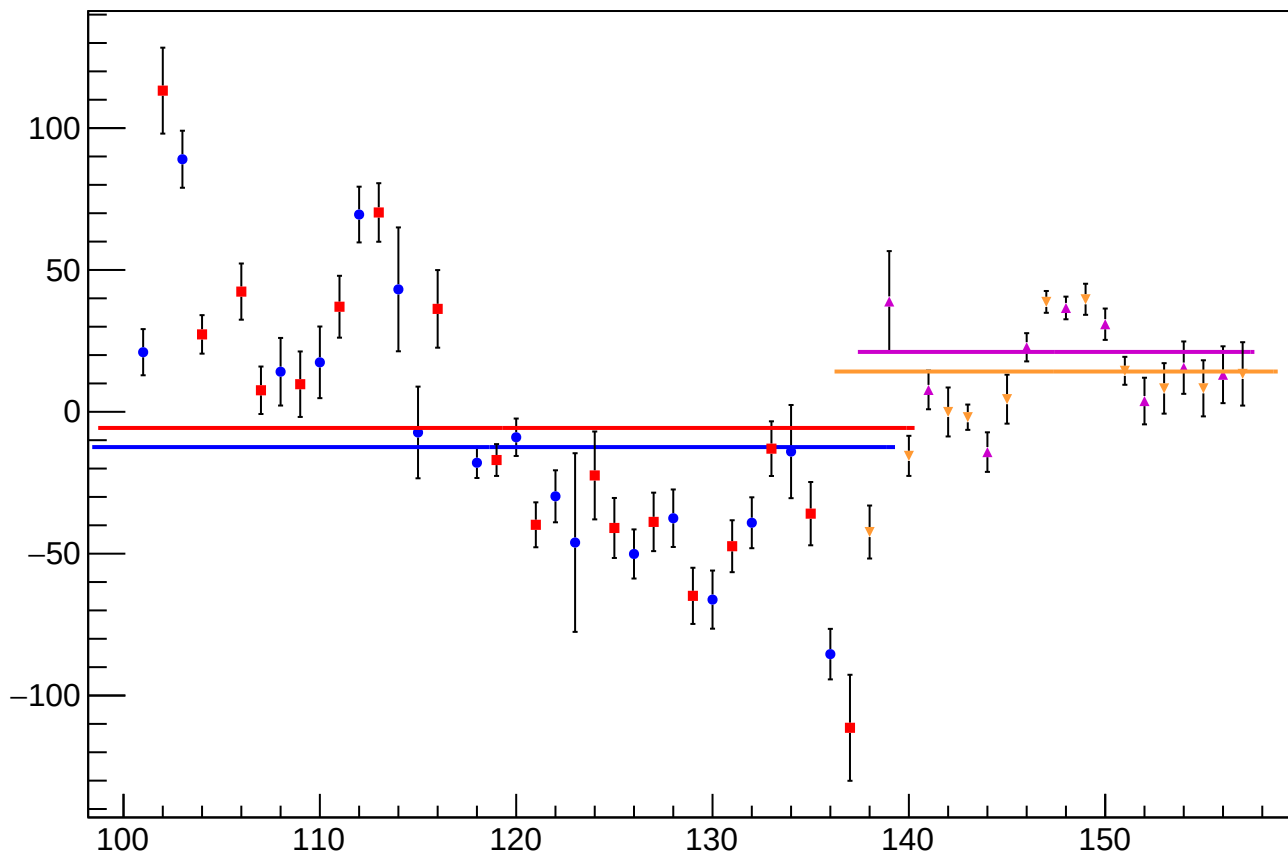
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -514.125+/-3.272 χ^2/NDF :90.5/8

Out: -453.505+/-2.898 χ^2/NDF :1496.7/10

All: -480.151+/-2.170 χ^2/NDF : 1779.5/19

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2 /NDF: 340.2/16

Left Out: 14.202 $\pm$ 1.884 χ^2 /NDF:134.6/10

Right Out: -5.686 $\pm$ 2.263 χ^2 /NDF: 333.7/17

Left In: 21.109 $\pm$ 2.143 χ^2 /NDF:54.3/8

Left: 17.213 $\pm$ 1.415 χ^2 /NDF: 194.7/19

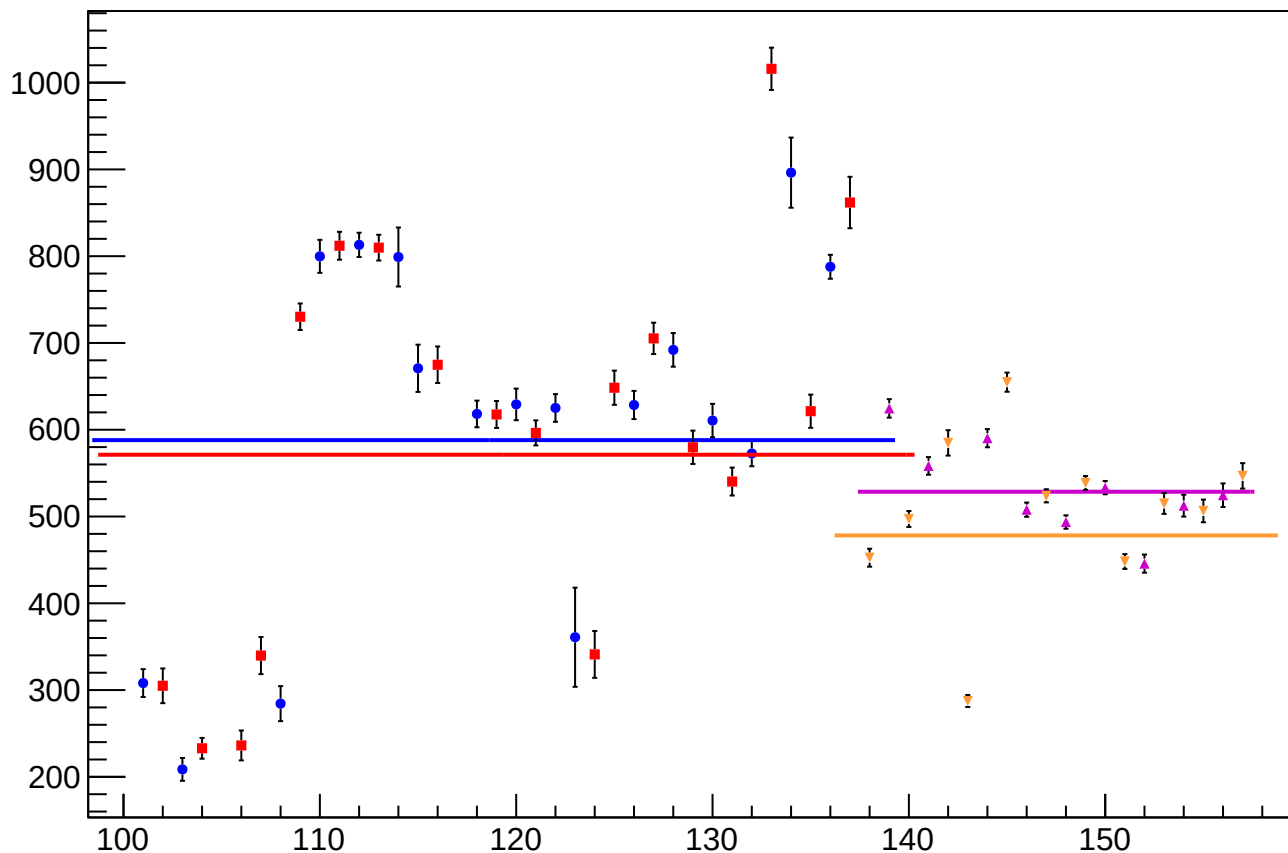
Right: -8.982 $\pm$ 1.618 χ^2 /NDF: 678.2/34

In: 5.631 $\pm$ 1.573 χ^2 /NDF:507.5/25

Out: 6.059 $\pm$ 1.448 χ^2 /NDF:513.9/28

All: 5.863 $\pm$ 1.065 χ^2 /NDF: 1021.4/54

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 478.211 $\pm$ 2.895 χ^2 /NDF:1224.9/10

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 528.563 $\pm$ 3.208 χ^2 /NDF:216.1/8

Left: 500.812 $\pm$ 2.149 χ^2 /NDF: 1576.7/19

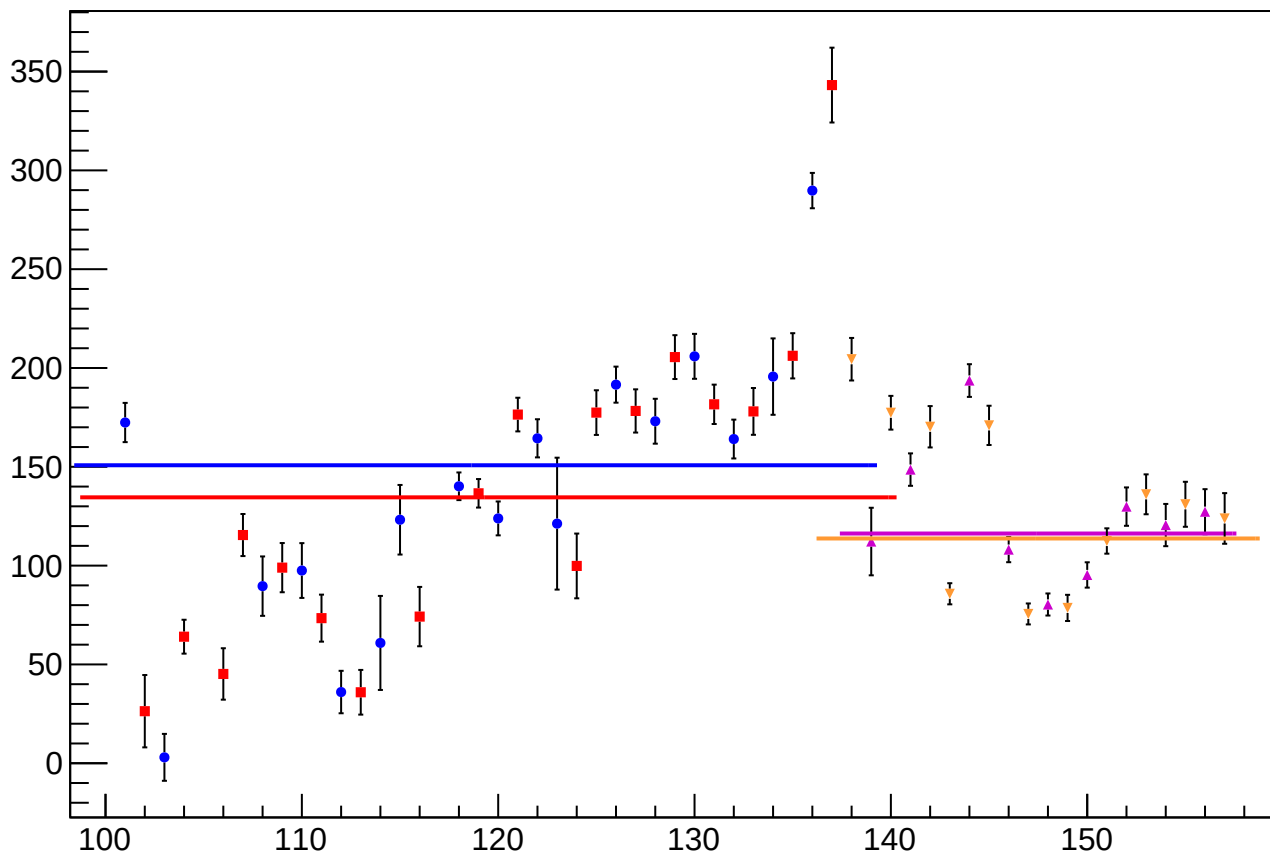
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 549.648 $\pm$ 2.578 χ^2 /NDF:2465.7/25

Out: 508.648 $\pm$ 2.375 χ^2 /NDF:4242.8/28

All: 527.471 $\pm$ 1.746 χ^2 /NDF: 6845.4/54

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 113.731 $\pm$ 2.339 χ^2 /NDF:304.2/10

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 116.245 $\pm$ 2.663 χ^2 /NDF:159.9/8

Left: 114.826 $\pm$ 1.757 χ^2 /NDF: 464.5/19

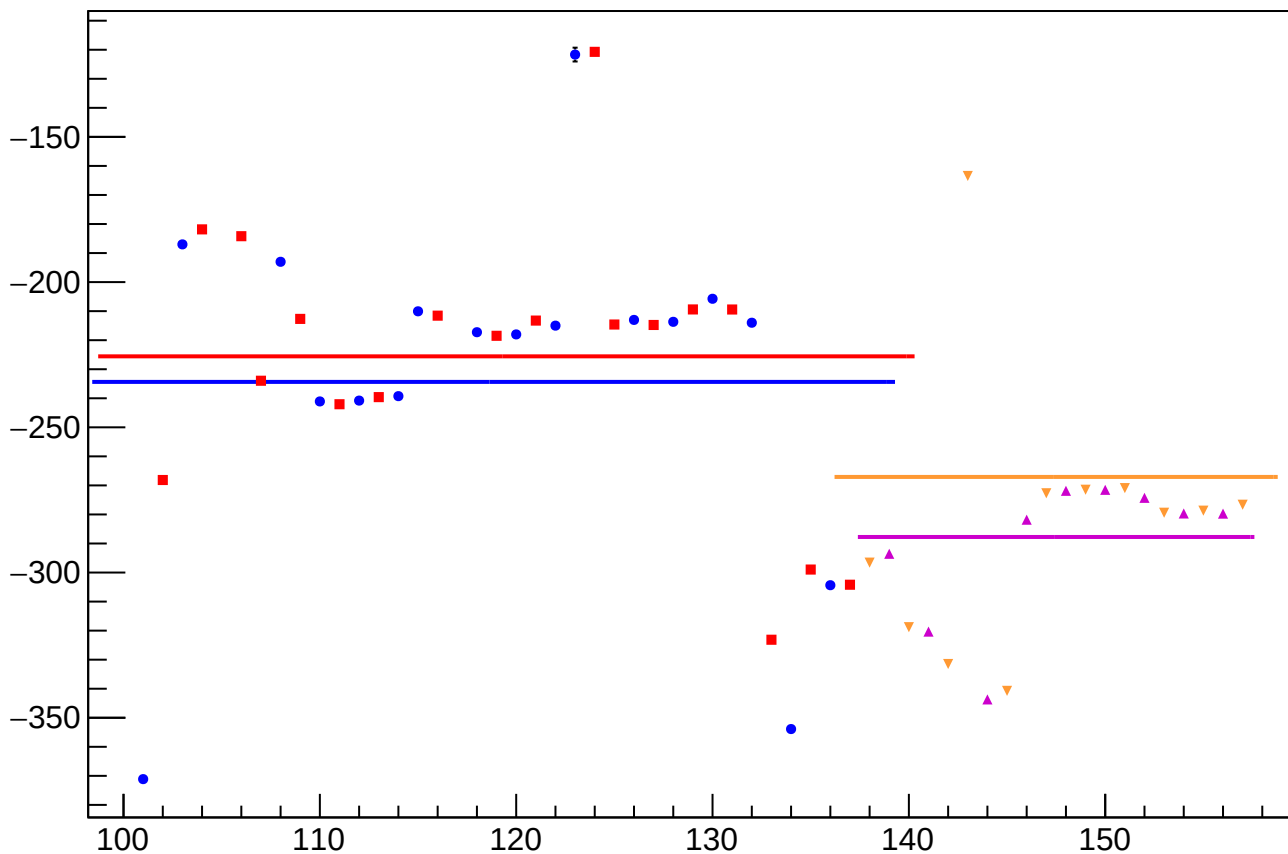
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 133.411 $\pm$ 1.889 χ^2 /NDF:876.6/25

Out: 122.964 $\pm$ 1.744 χ^2 /NDF:915.5/28

All: 127.773 $\pm$ 1.282 χ^2 /NDF: 1808.6/54

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: -267.080+/-0.119 χ^2 /NDF: 203520.3/10

Right Out: -225.561+/-0.142 χ^2 /NDF: 92955.0/17

Left In: -287.754+/-0.130 χ^2 /NDF: 28143.8/8

Left: -276.477+/-0.088 χ^2 /NDF: 245439.8/19

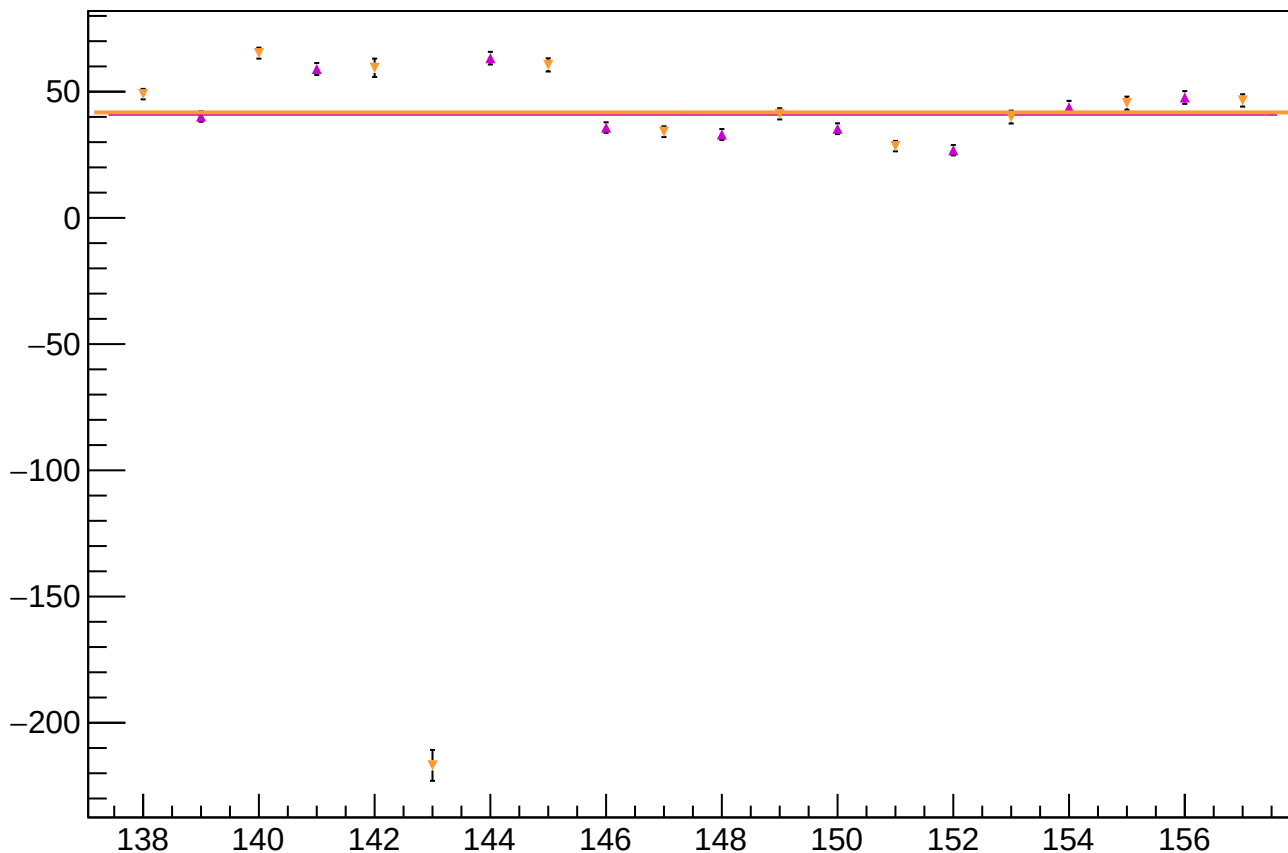
Right: -229.762+/-0.103 χ^2 /NDF: 239949.0/34

In: -264.566+/-0.098 χ^2 /NDF: 246459.8/25

Out: -249.983+/-0.091 χ^2 /NDF: 346813.0/28

All: -256.752+/-0.067 χ^2 /NDF: 605174.7/54

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 41.780 $\pm$ 0.742 χ^2 /NDF:2056.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 41.243 $\pm$ 0.748 χ^2 /NDF:219.1/8

Left: 41.514 $\pm$ 0.527 χ^2 /NDF: 2275.9/19

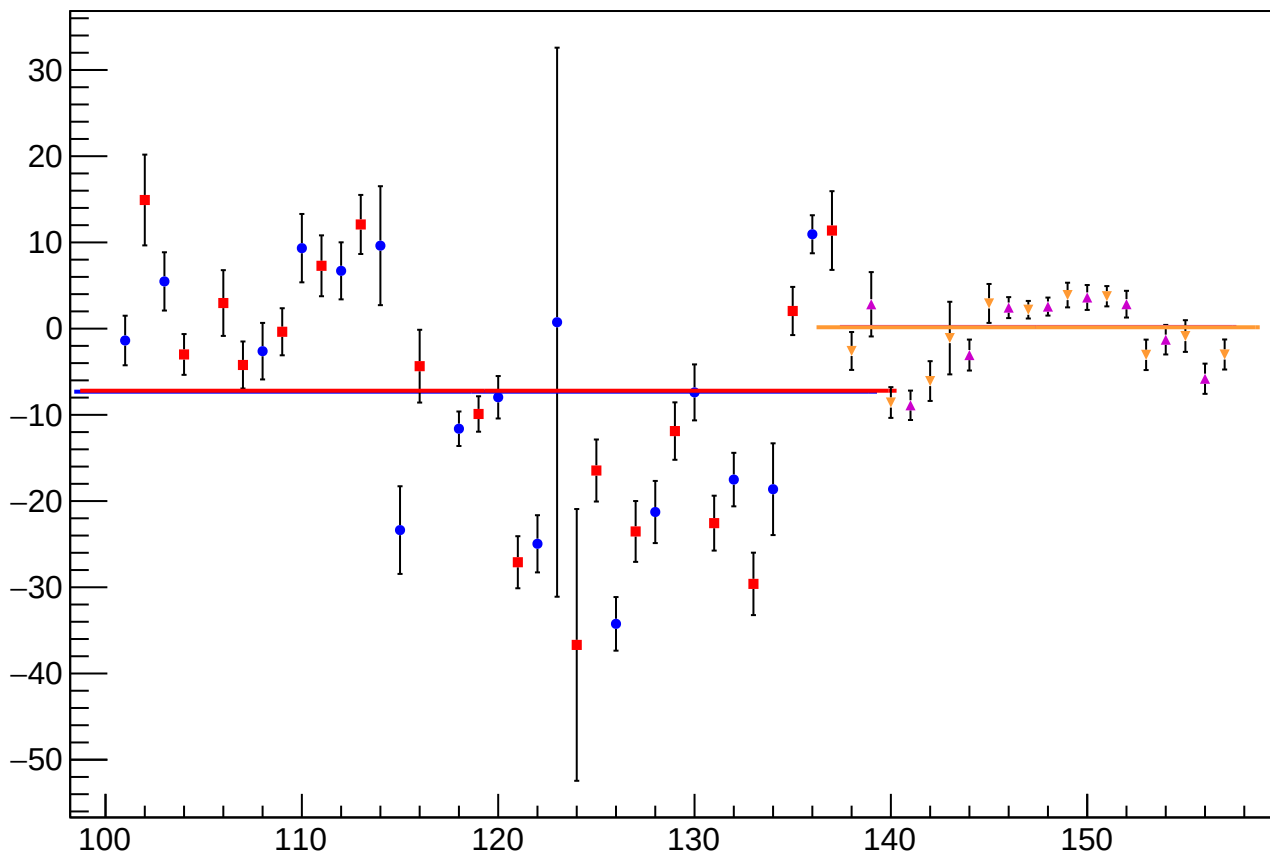
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 41.243 $\pm$ 0.748 χ^2 /NDF:219.1/8

Out: 41.780 $\pm$ 0.742 χ^2 /NDF:2056.6/10

All: 41.514 $\pm$ 0.527 χ^2 /NDF: 2275.9/19

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.159 ± 0.495 χ^2/NDF : 61.5/10

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.198 ± 0.508 χ^2/NDF : 61.7/8

Left: 0.178 ± 0.354 χ^2/NDF : 123.2/19

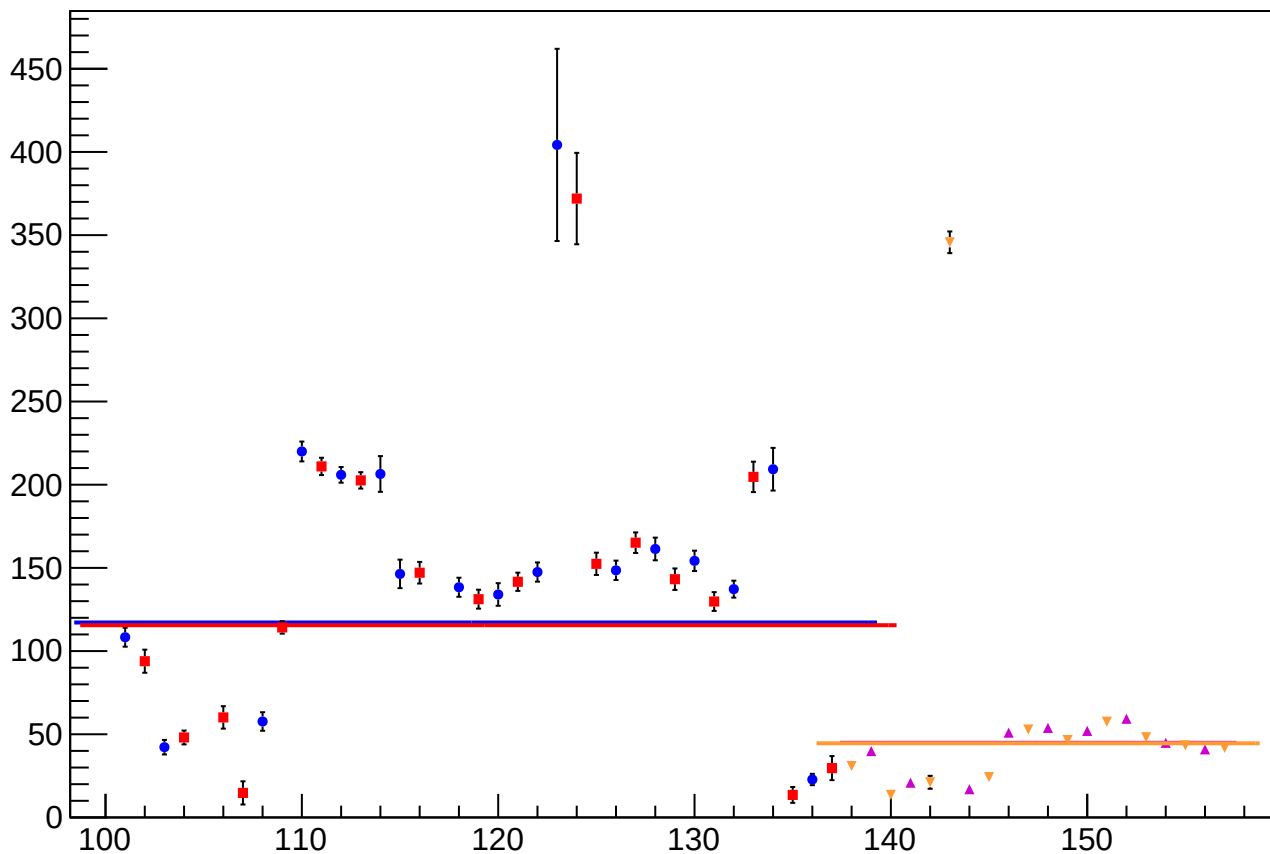
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.037 ± 0.426 χ^2/NDF : 405.9/25

Out: -2.027 ± 0.415 χ^2/NDF : 379.2/28

All: -2.032 ± 0.297 χ^2/NDF : 785.1/54

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.575+/-0.727 χ^2/NDF :2508.8/10

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 44.858+/-0.732 χ^2/NDF :301.4/8

Left: 44.716+/-0.516 χ^2/NDF : 2810.3/19

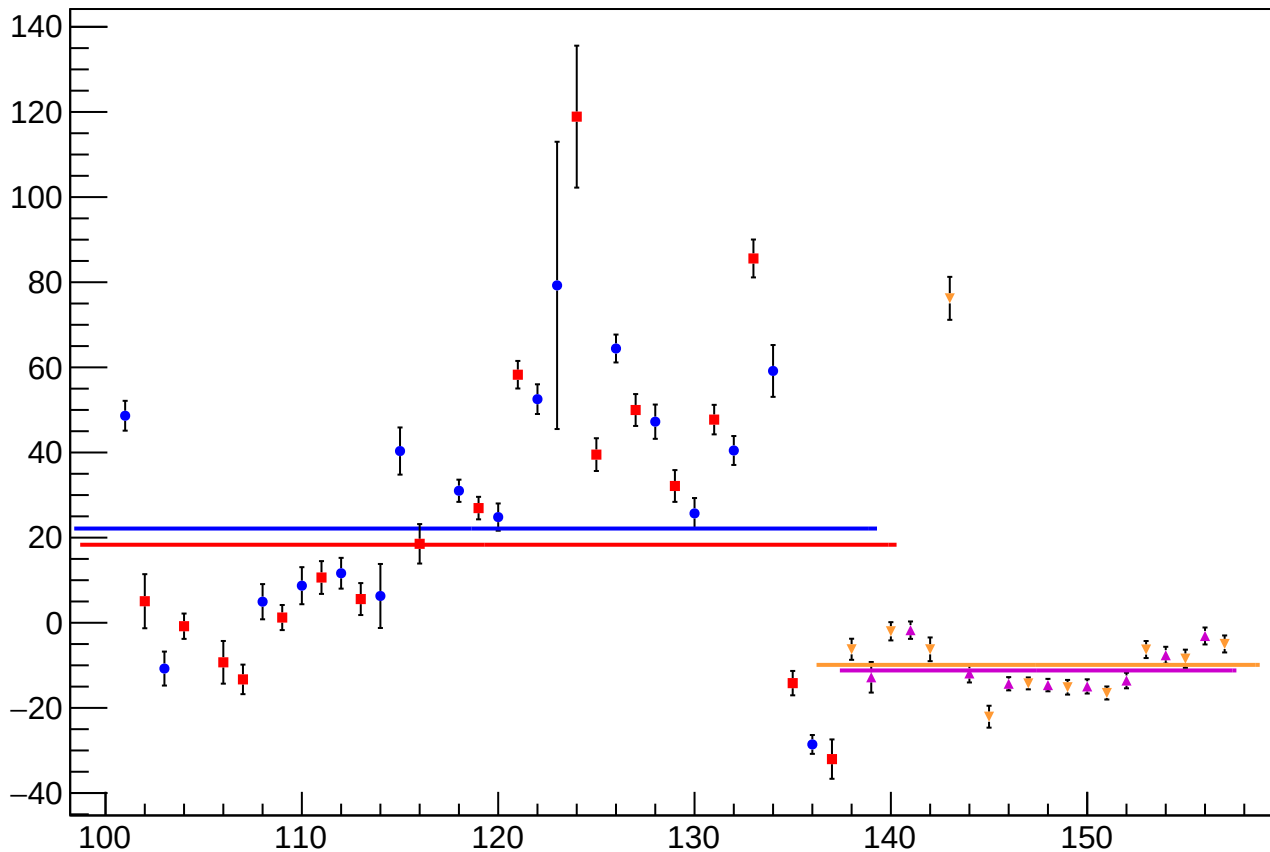
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 60.178+/-0.650 χ^2/NDF :4530.4/25

Out: 60.302+/-0.642 χ^2/NDF :6768.6/28

All: 60.241+/-0.456 χ^2/NDF : 11299.0/54

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -9.892 $\pm$ 0.609 χ^2 /NDF: 378.1/10

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -11.203 $\pm$ 0.623 χ^2 /NDF: 57.7/8

Left: -10.534 $\pm$ 0.436 χ^2 /NDF: 438.1/19

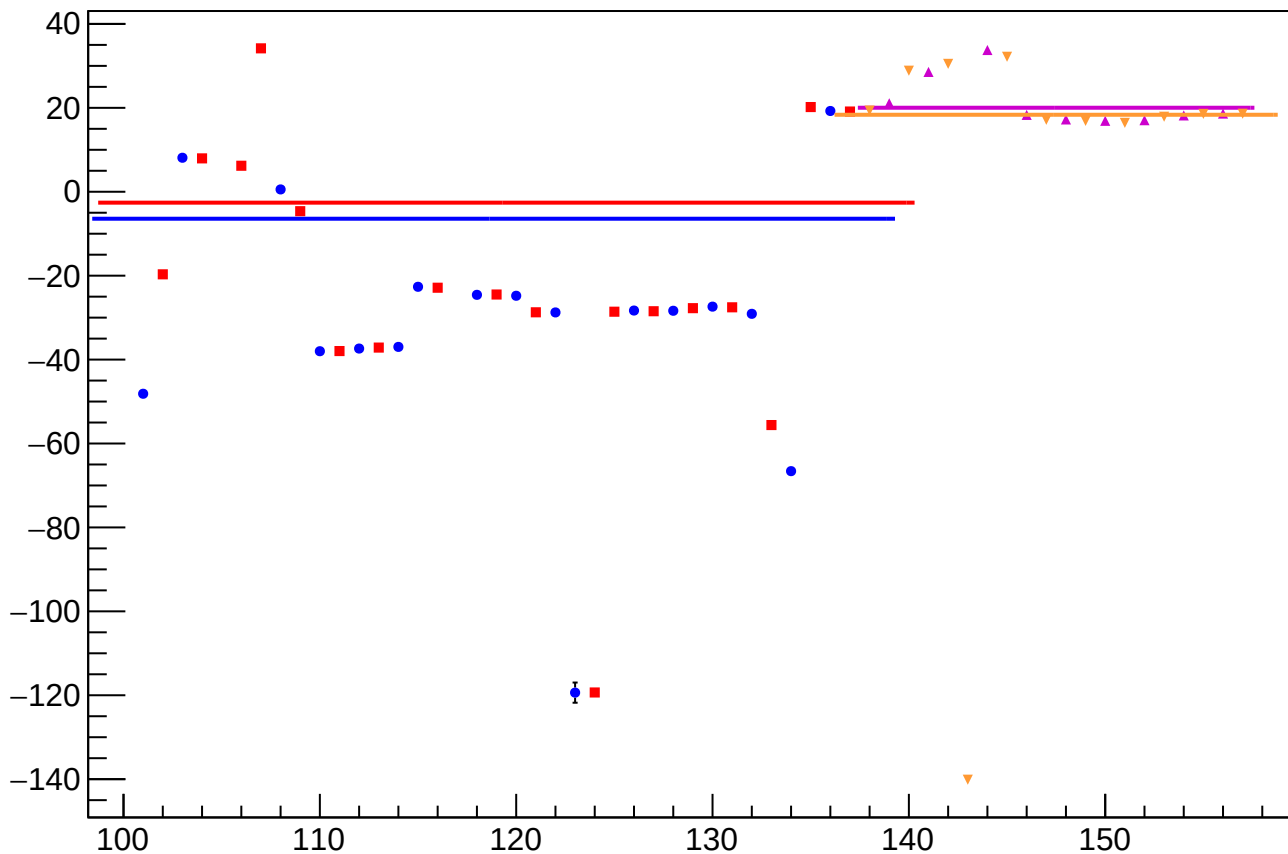
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: -0.267 $\pm$ 0.510 χ^2 /NDF: 2062.4/25

Out: -0.630 $\pm$ 0.500 χ^2 /NDF: 2152.2/28

All: -0.453 $\pm$ 0.357 χ^2 /NDF: 4214.8/54

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2 /NDF: 265170.6/16

Left Out: 18.349 $\pm$ 0.029 χ^2 /NDF:399623.5/10

Right Out: -2.597 $\pm$ 0.046 χ^2 /NDF: 263579.4/17

Left In: 20.023 $\pm$ 0.029 χ^2 /NDF:25853.5/8

Left: 19.185 $\pm$ 0.020 χ^2 /NDF: 427157.2/19

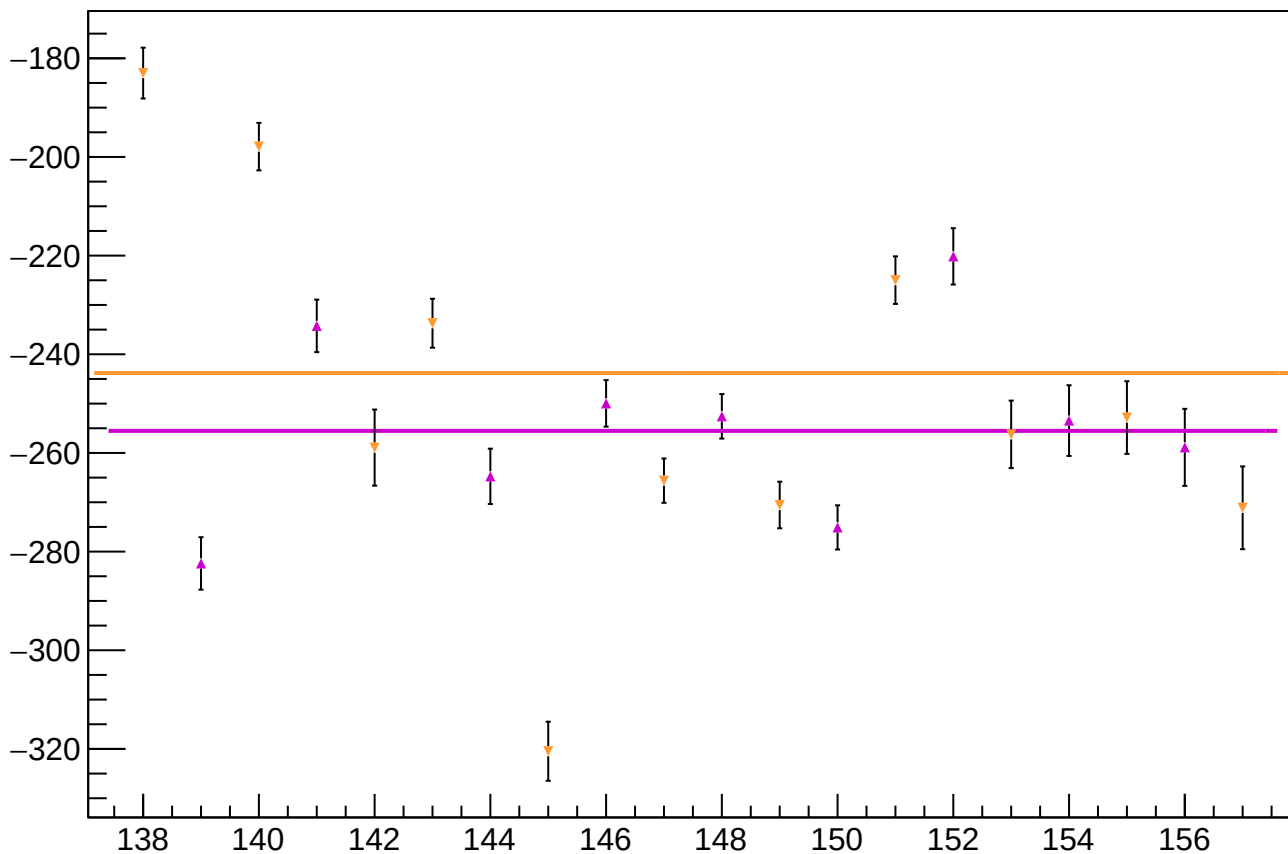
Right: -4.494 $\pm$ 0.033 χ^2 /NDF: 532217.8/34

In: 12.589 $\pm$ 0.025 χ^2 /NDF:526555.0/25

Out: 12.393 $\pm$ 0.024 χ^2 /NDF:813054.5/28

All: 12.490 $\pm$ 0.017 χ^2 /NDF: 1339641.6/54

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -243.796+/-1.673 χ^2/NDF :488.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.529+/-1.788 χ^2/NDF :103.7/8

Left: -249.271+/-1.222 χ^2/NDF : 614.8/19

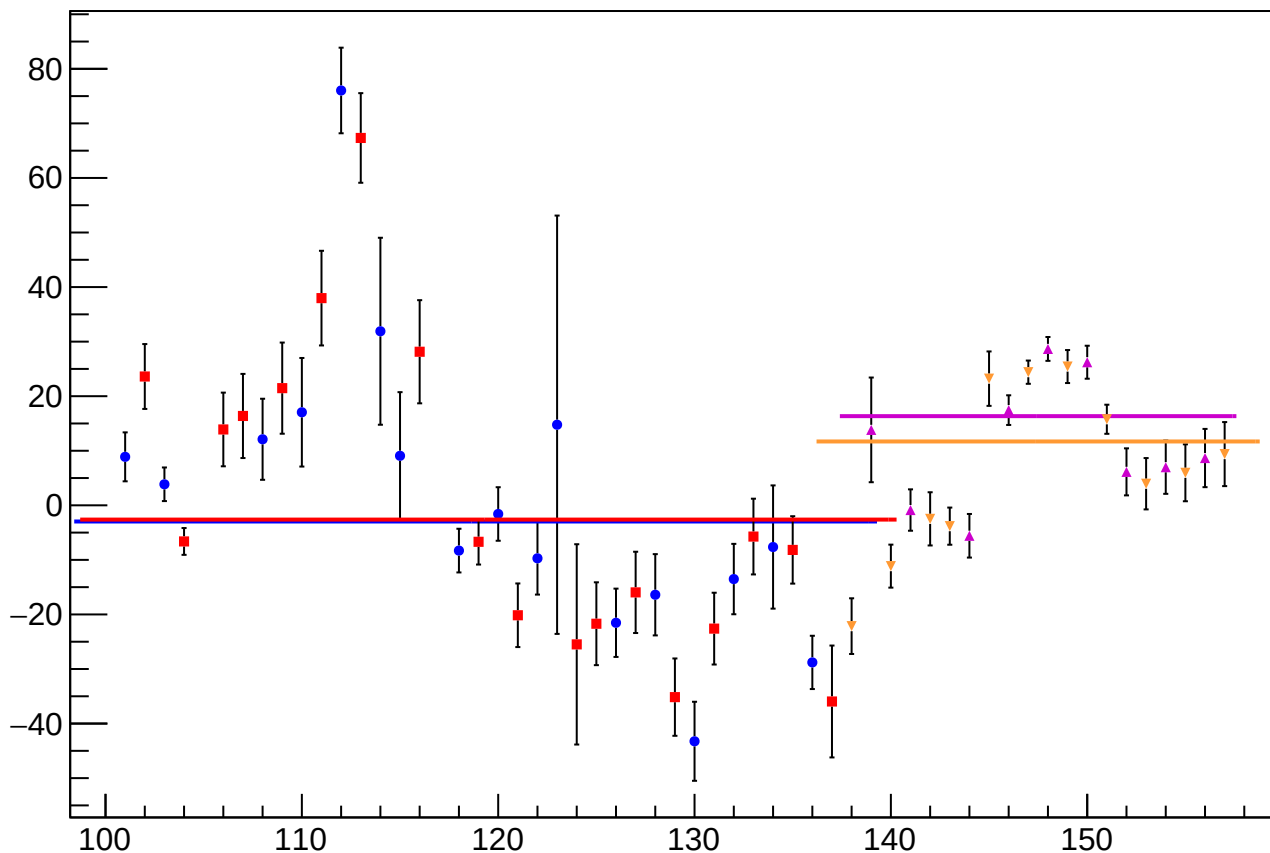
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.529+/-1.788 χ^2/NDF :103.7/8

Out: -243.796+/-1.673 χ^2/NDF :488.1/10

All: -249.271+/-1.222 χ^2/NDF : 614.8/19

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 11.703 ± 1.083 χ^2/NDF : 174.7/10

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 16.343 ± 1.172 χ^2/NDF : 104.7/8

Left: 13.840 ± 0.795 χ^2/NDF : 287.9/19

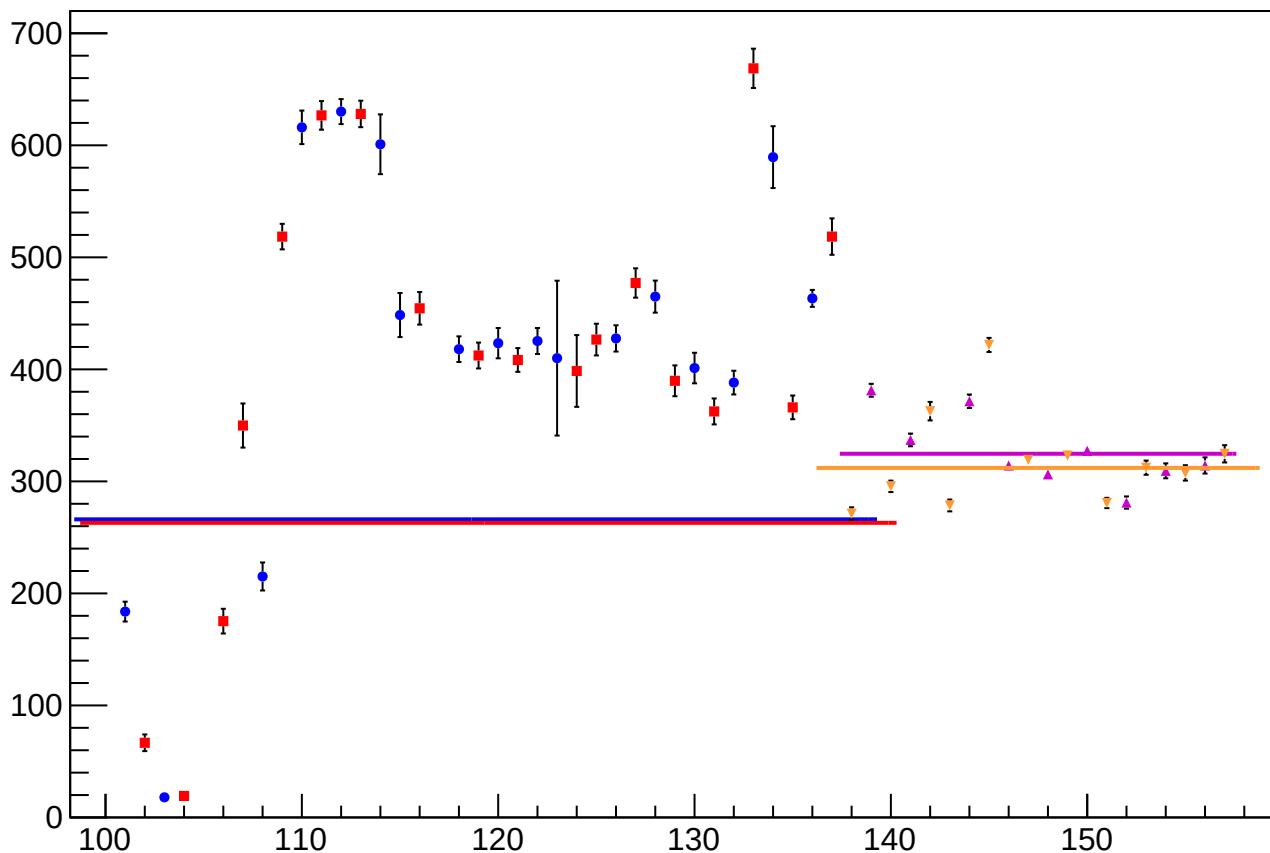
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 8.729 ± 0.912 χ^2/NDF : 415.3/25

Out: 6.337 ± 0.856 χ^2/NDF : 450.7/28

All: 7.457 ± 0.624 χ^2/NDF : 869.7/54

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 312.026 $\pm$ 1.658 χ^2 /NDF:504.2/10

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 324.663 $\pm$ 1.751 χ^2 /NDF:257.8/8

Left: 318.000 $\pm$ 1.204 χ^2 /NDF: 789.5/19

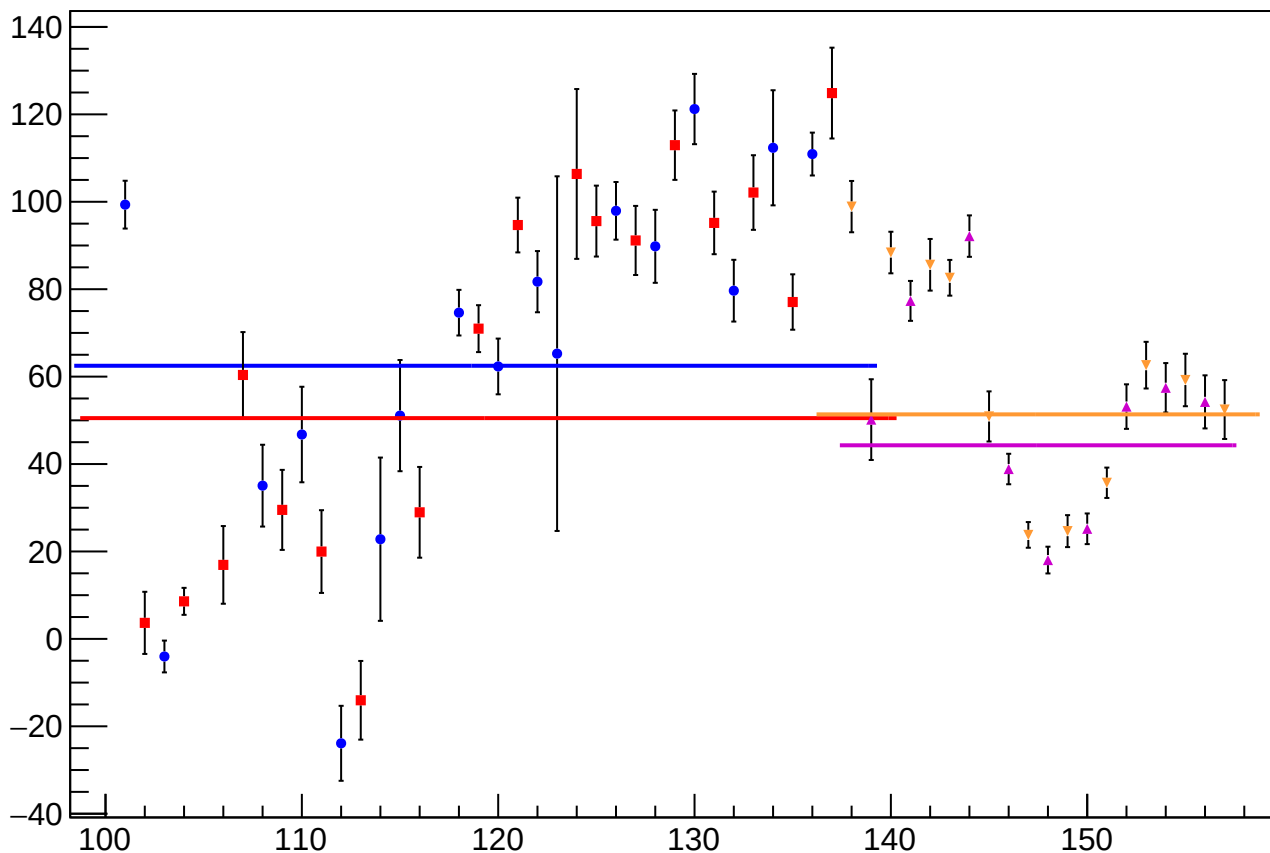
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 305.190 $\pm$ 1.430 χ^2 /NDF:8273.8/25

Out: 296.773 $\pm$ 1.376 χ^2 /NDF:8948.4/28

All: 300.818 $\pm$ 0.992 χ^2 /NDF: 17240.2/54

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: 51.366 ± 1.348 $\chi^2/\text{NDF}: 386.2/10$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 44.289 ± 1.456 $\chi^2/\text{NDF}: 271.5/8$

Left: 48.102 ± 0.989 $\chi^2/\text{NDF}: 670.4/19$

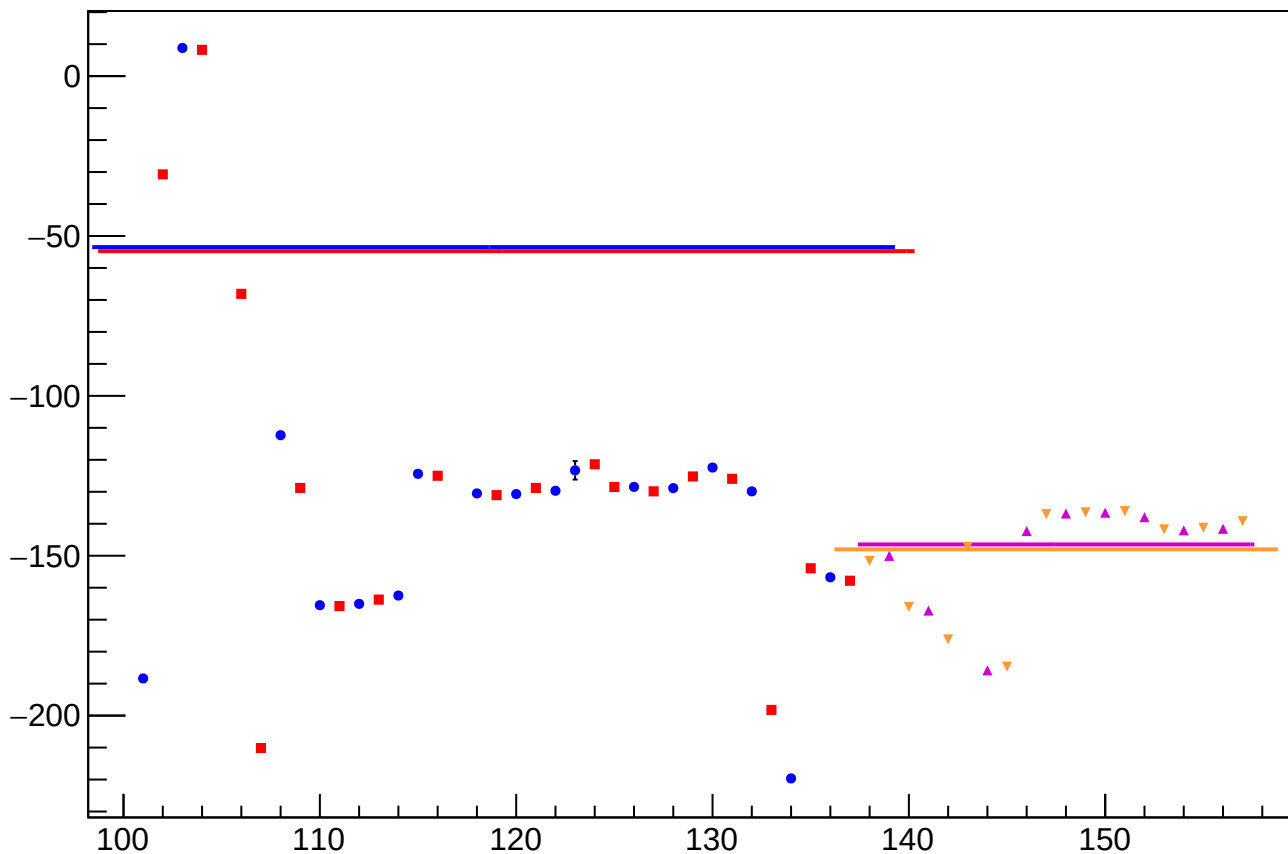
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 52.091 ± 1.101 $\chi^2/\text{NDF}: 1059.2/25$

Out: 51.020 ± 1.042 $\chi^2/\text{NDF}: 1036.9/28$

All: 51.527 ± 0.757 $\chi^2/\text{NDF}: 2096.6/54$

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: -148.009 $\pm$ 0.068 χ^2 /NDF: 48769.3/10

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -146.464 $\pm$ 0.071 χ^2 /NDF: 39554.8/8

Left: -147.269 $\pm$ 0.049 χ^2 /NDF: 88572.2/19

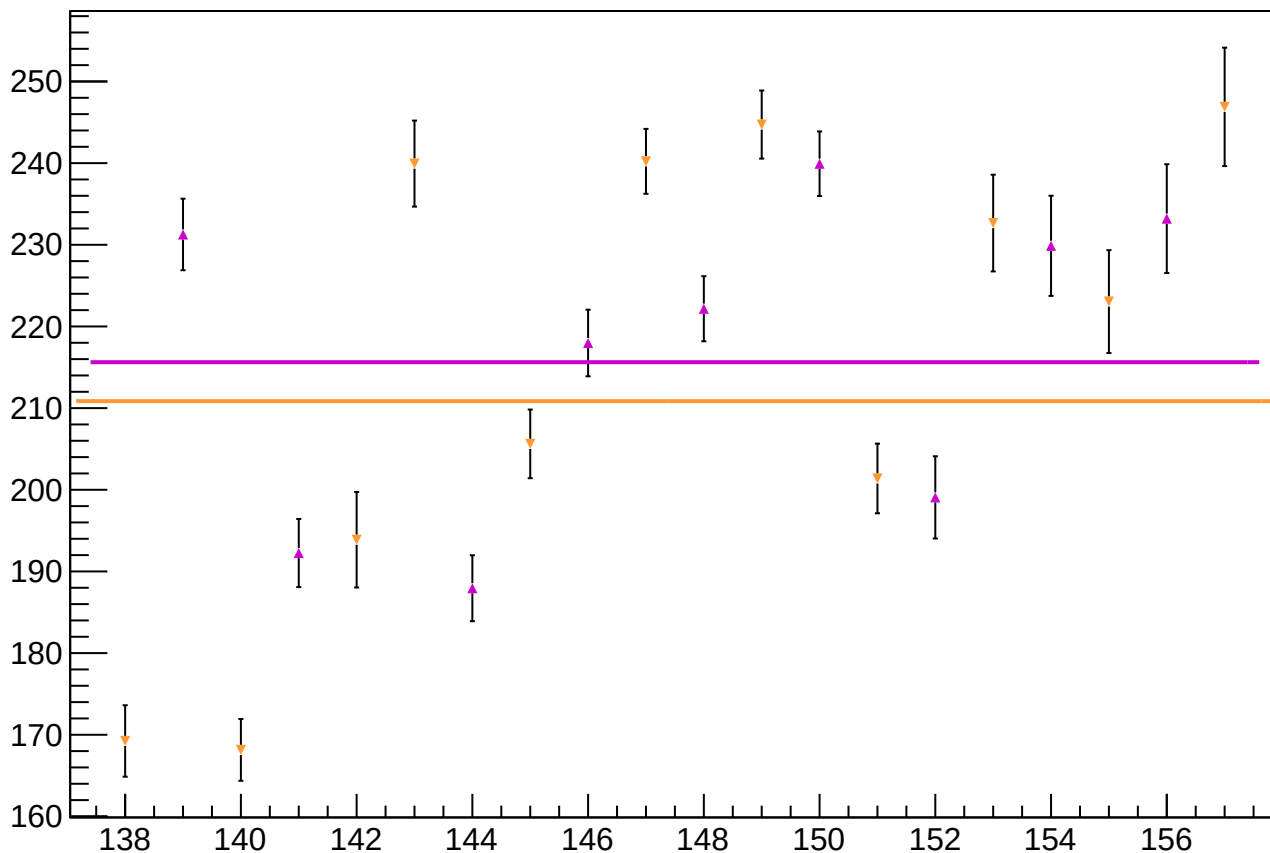
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -99.654 $\pm$ 0.050 χ^2 /NDF: 2136785.6/25

Out: -104.194 $\pm$ 0.049 χ^2 /NDF: 1887496.2/28

All: -101.945 $\pm$ 0.035 χ^2 /NDF: 4028459.6/54

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 210.855+/-1.425 χ^2/NDF :425.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 215.623+/-1.496 χ^2/NDF :155.1/8

Left: 213.122+/-1.032 χ^2/NDF : 586.4/19

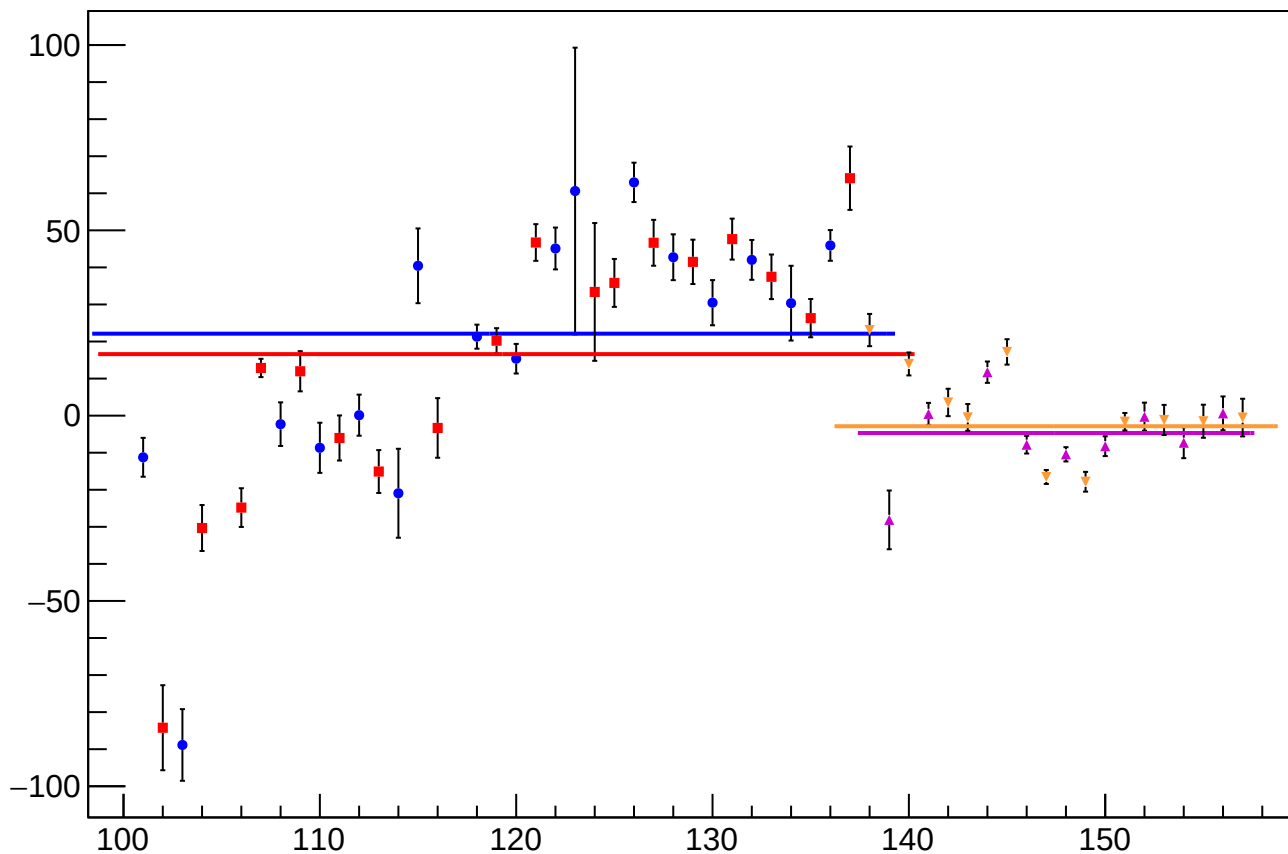
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.623+/-1.496 χ^2/NDF :155.1/8

Out: 210.855+/-1.425 χ^2/NDF :425.9/10

All: 213.122+/-1.032 χ^2/NDF : 586.4/19

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -2.855 ± 0.935 $\chi^2/\text{NDF}: 187.7/10$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -4.685 ± 0.995 $\chi^2/\text{NDF}: 59.7/8$

Left: -3.713 ± 0.682 $\chi^2/\text{NDF}: 249.1/19$

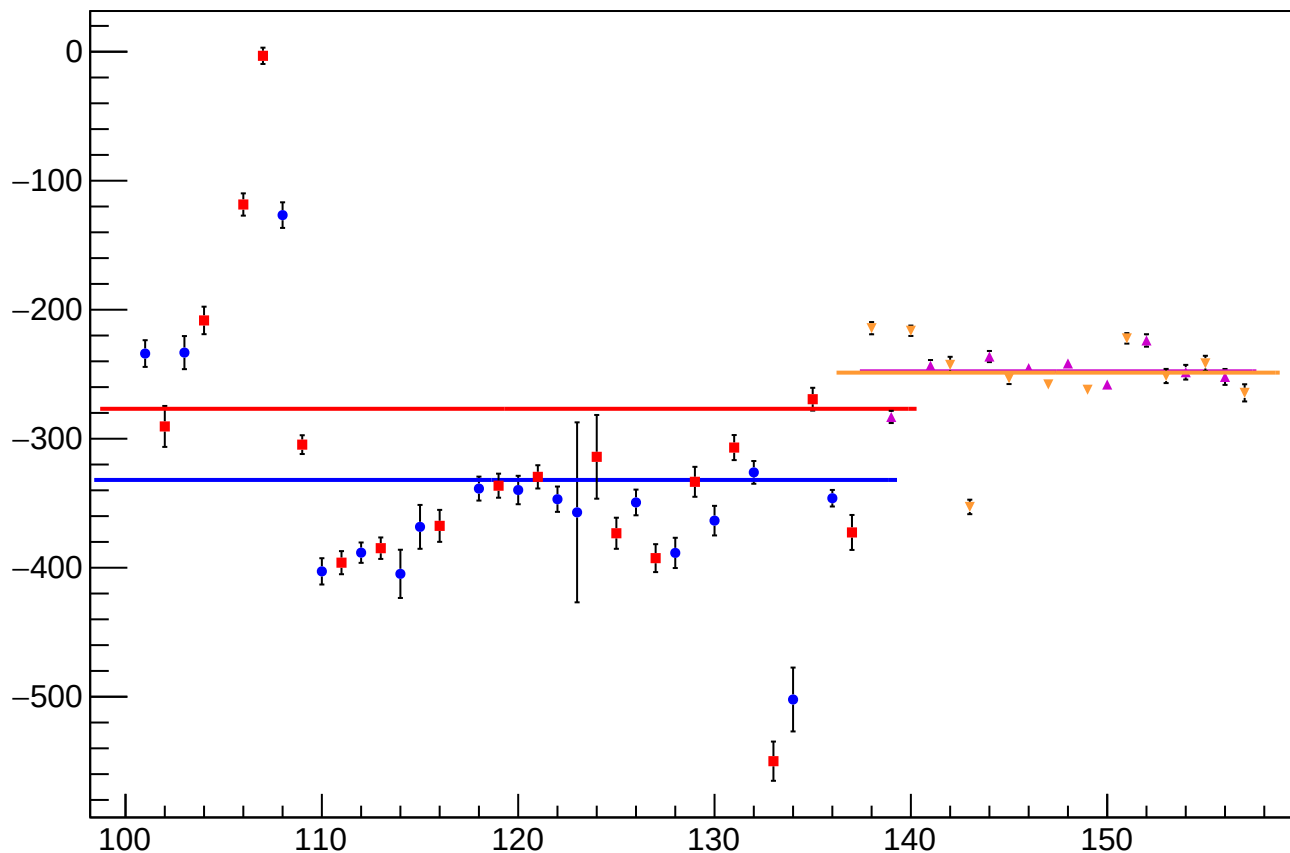
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 4.518 ± 0.807 $\chi^2/\text{NDF}: 690.6/25$

Out: 4.280 ± 0.744 $\chi^2/\text{NDF}: 763.2/28$

All: 4.390 ± 0.547 $\chi^2/\text{NDF}: 1453.9/54$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -248.766 $\pm$ 1.418 χ^2 /NDF:530.8/10

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -247.741 $\pm$ 1.475 χ^2 /NDF:99.6/8

Left: -248.274 $\pm$ 1.022 χ^2 /NDF: 630.6/19

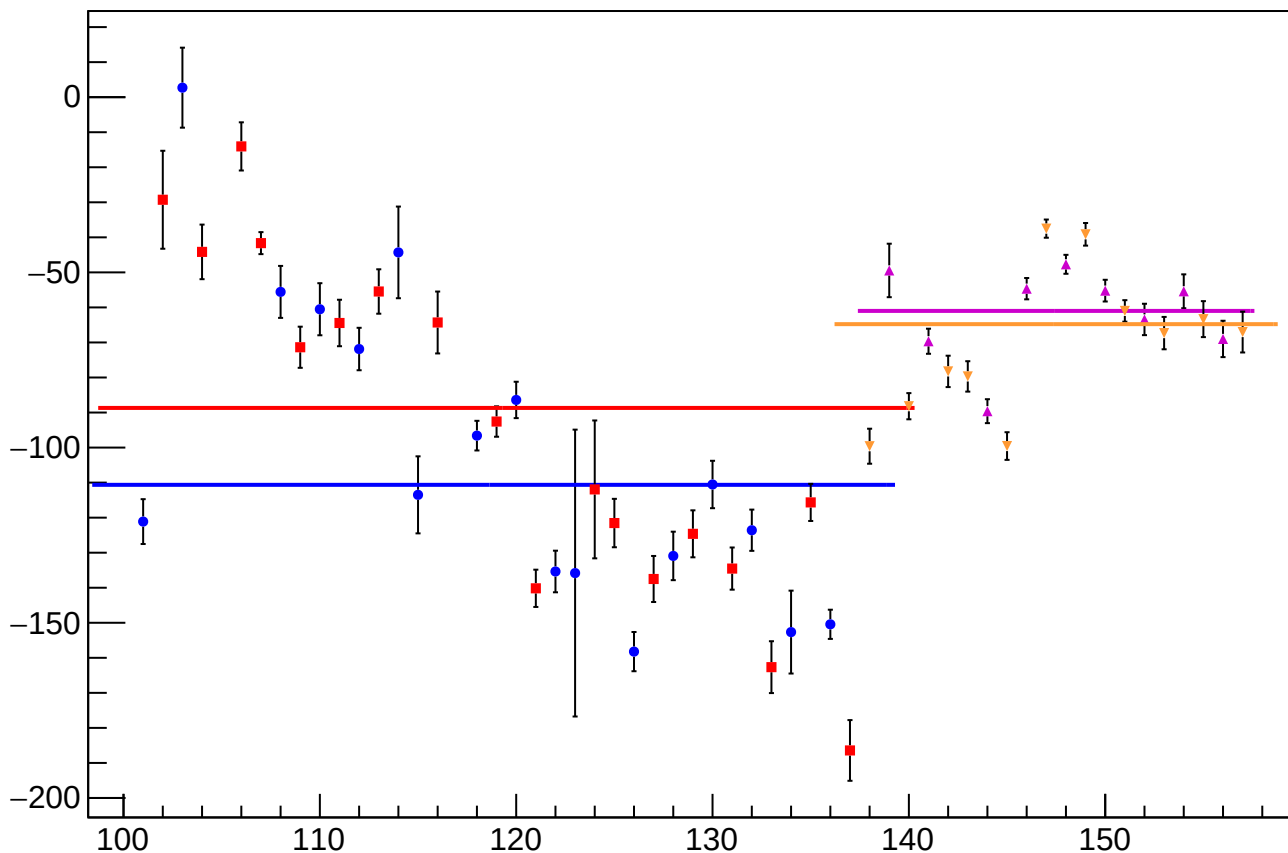
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -268.641 $\pm$ 1.279 χ^2 /NDF:1694.1/25

Out: -256.348 $\pm$ 1.211 χ^2 /NDF:3966.9/28

All: -262.160 $\pm$ 0.879 χ^2 /NDF: 5709.7/54

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -64.775 ± 1.160 χ^2/NDF : 361.7/10

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -60.996 ± 1.231 χ^2/NDF : 114.4/8

Left: -62.998 ± 0.844 χ^2/NDF : 481.1/19

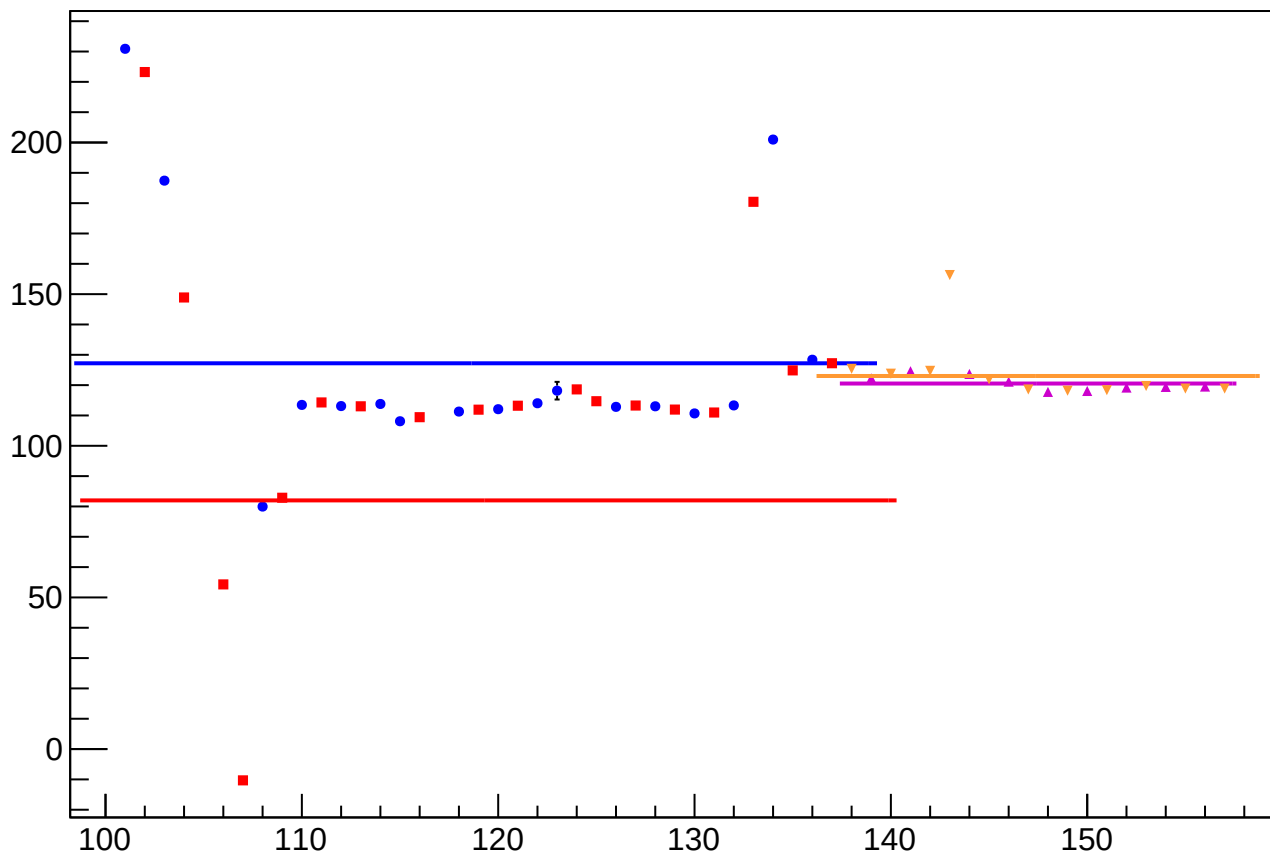
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -79.729 ± 0.971 χ^2/NDF : 1236.9/25

Out: -74.225 ± 0.902 χ^2/NDF : 1493.7/28

All: -76.773 ± 0.661 χ^2/NDF : 2747.9/54

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.016 $\pm$ 0.058 χ^2 /NDF: 25093.8/10

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.529 $\pm$ 0.060 χ^2 /NDF: 1559.3/8

Left: 121.809 $\pm$ 0.042 χ^2 /NDF: 27547.5/19

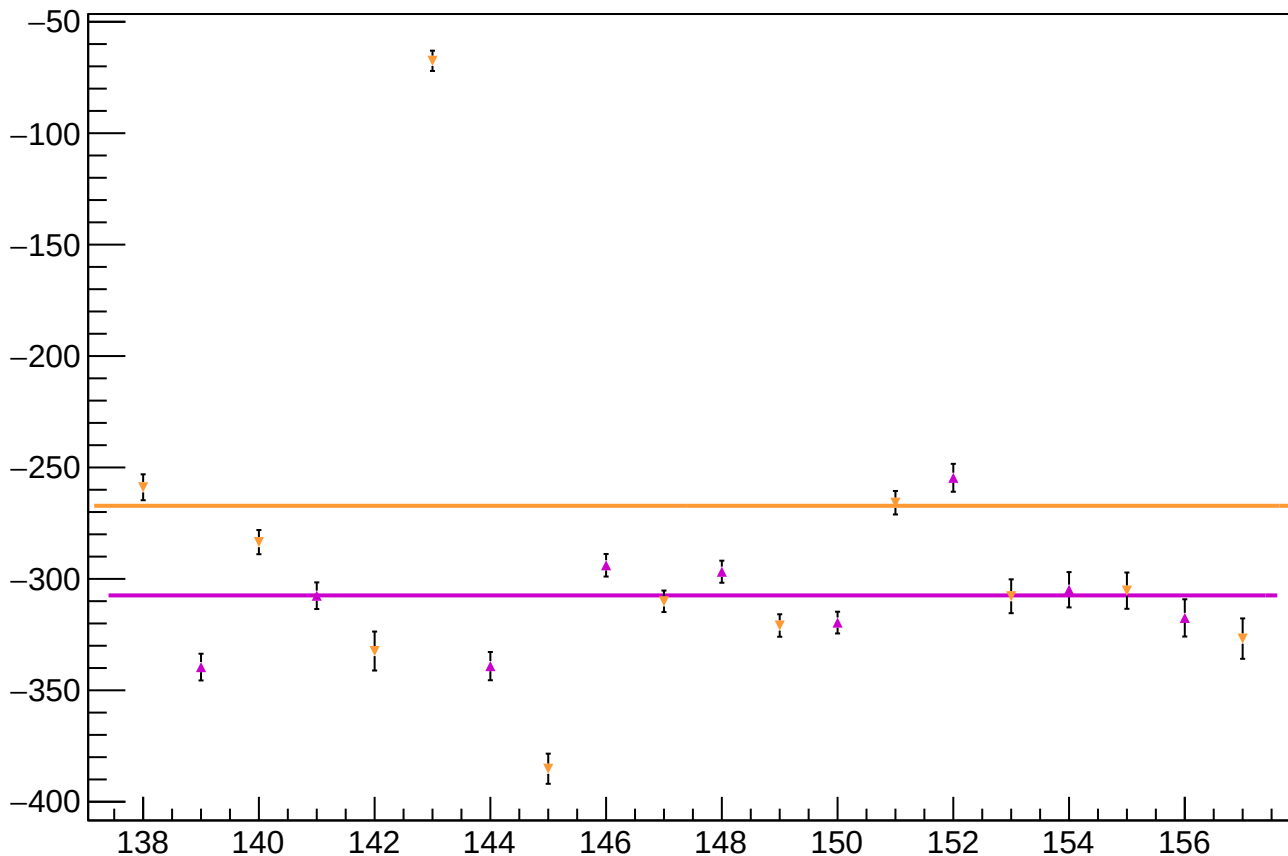
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.594 $\pm$ 0.050 χ^2 /NDF: 193459.7/25

Out: 107.802 $\pm$ 0.046 χ^2 /NDF: 960726.5/28

All: 114.642 $\pm$ 0.034 χ^2 /NDF: 1202059.1/54

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -267.190+/-1.798 χ^2/NDF :2583.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -307.407+/-1.968 χ^2/NDF :144.4/8

Left: -285.486+/-1.327 χ^2/NDF : 2955.4/19

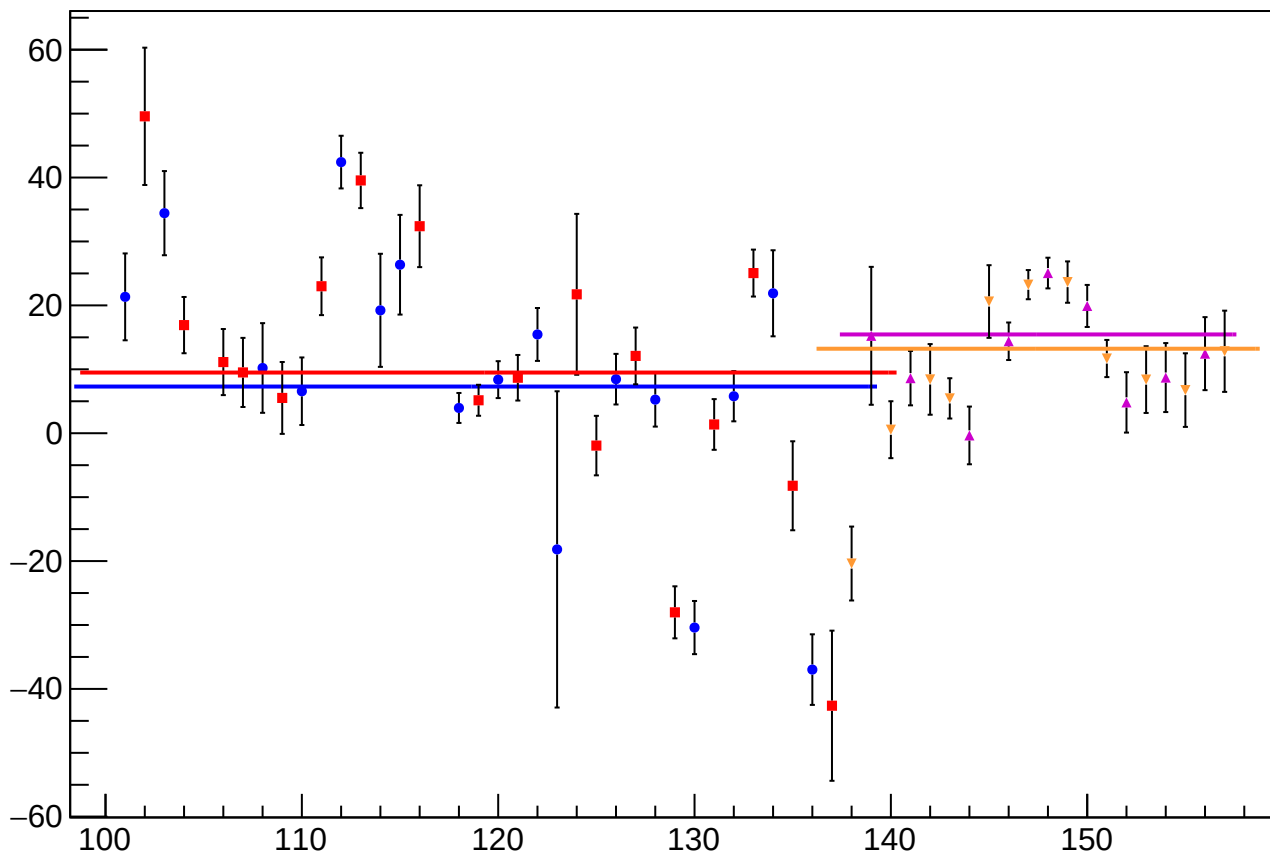
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -307.407+/-1.968 χ^2/NDF :144.4/8

Out: -267.190+/-1.798 χ^2/NDF :2583.3/10

All: -285.486+/-1.327 χ^2/NDF : 2955.4/19

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 13.219 ± 1.161 $\chi^2/\text{NDF}: 82.4/10$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 15.454 ± 1.286 $\chi^2/\text{NDF}: 39.7/8$

Left: 14.223 ± 0.862 $\chi^2/\text{NDF}: 123.8/19$

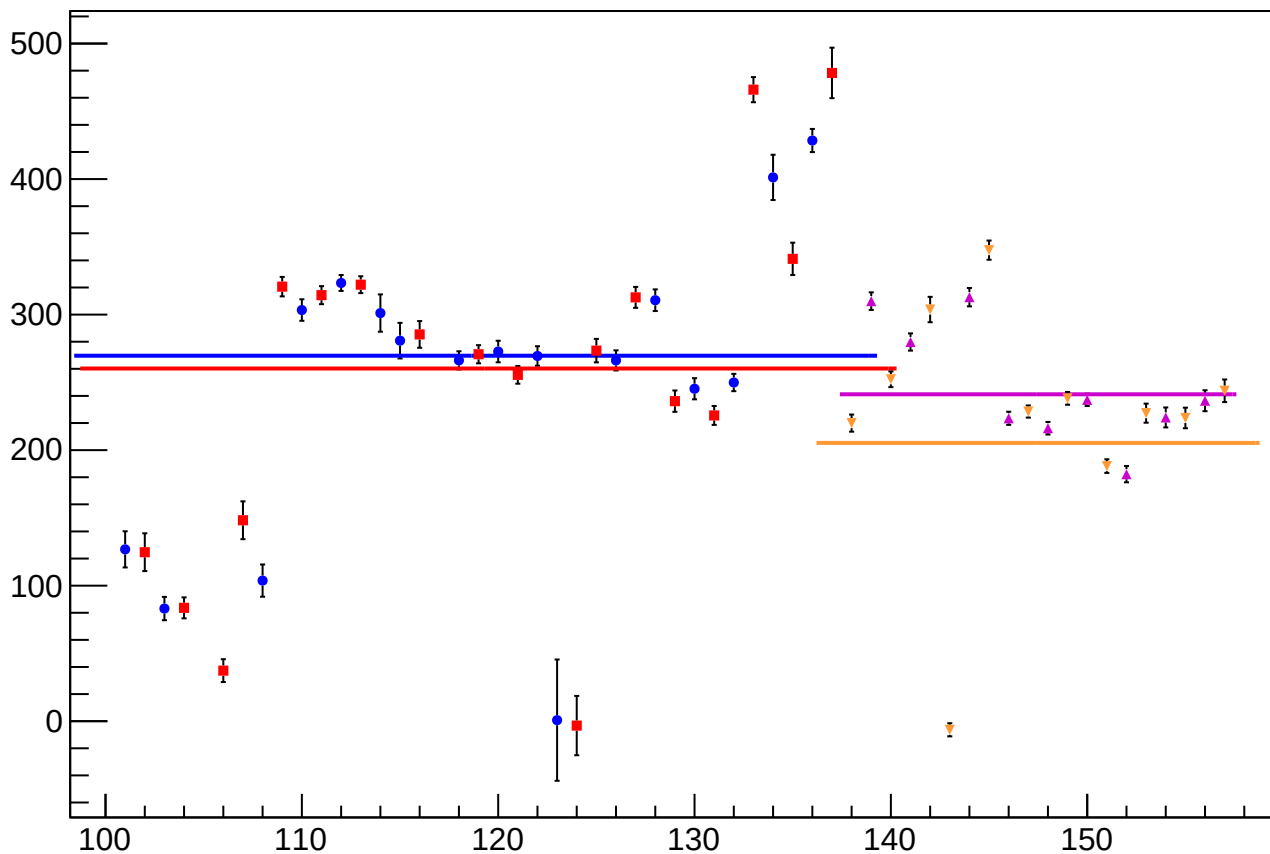
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 10.694 ± 0.830 $\chi^2/\text{NDF}: 323.8/25$

Out: 11.209 ± 0.788 $\chi^2/\text{NDF}: 319.1/28$

All: 10.965 ± 0.571 $\chi^2/\text{NDF}: 643.1/54$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 205.317 $\pm$ 1.783 χ^2 /NDF:2611.0/10

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 241.195 $\pm$ 1.923 χ^2 /NDF:406.3/8

Left: 221.904 $\pm$ 1.308 χ^2 /NDF: 3204.4/19

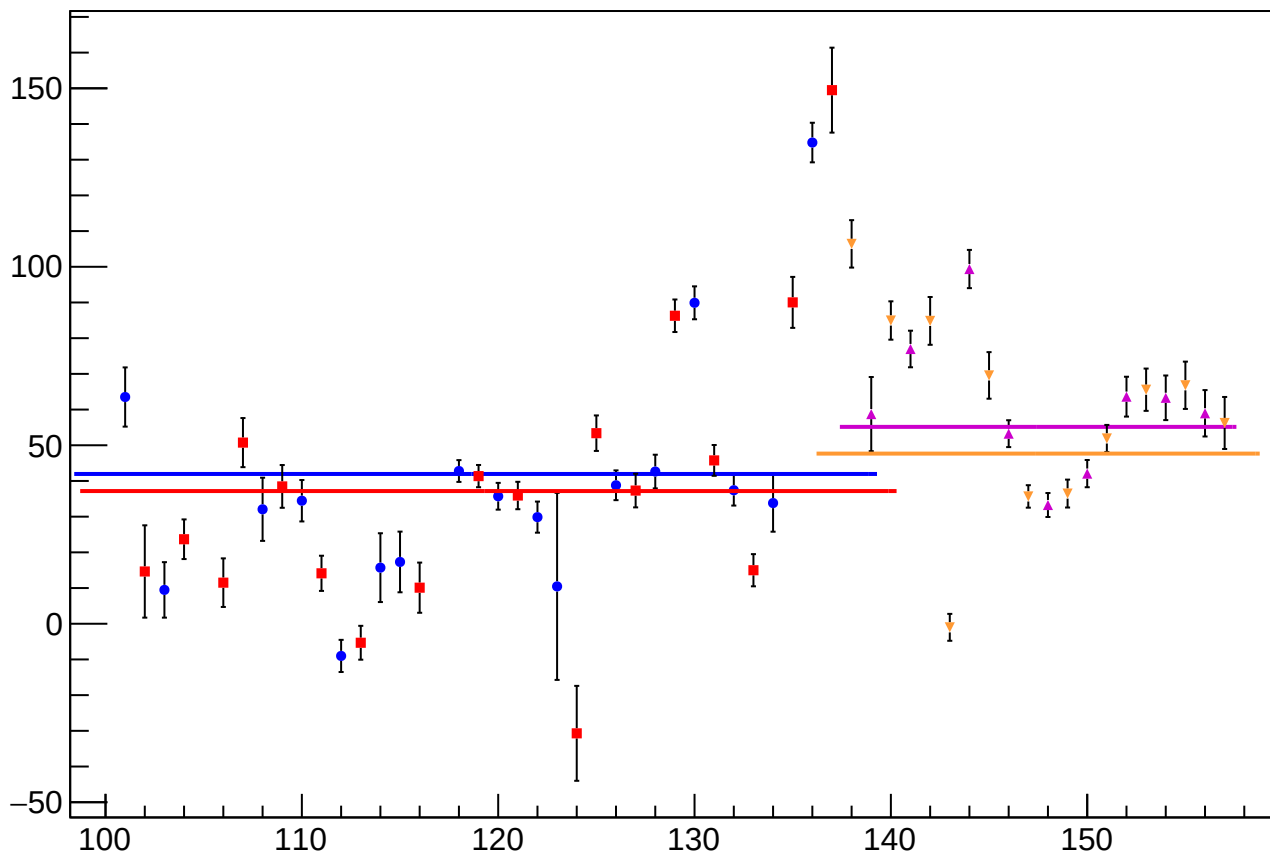
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 254.342 $\pm$ 1.411 χ^2 /NDF:1884.1/25

Out: 229.925 $\pm$ 1.325 χ^2 /NDF:5563.8/28

All: 241.366 $\pm$ 0.966 χ^2 /NDF: 7607.1/54

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 47.665 ± 1.444 $\chi^2/\text{NDF}: 378.0/10$

Right Out: 37.171 ± 1.236 $\chi^2/\text{NDF}: 470.9/17$

Left In: 55.153 ± 1.598 $\chi^2/\text{NDF}: 145.3/8$

Left: 51.032 ± 1.071 $\chi^2/\text{NDF}: 535.4/19$

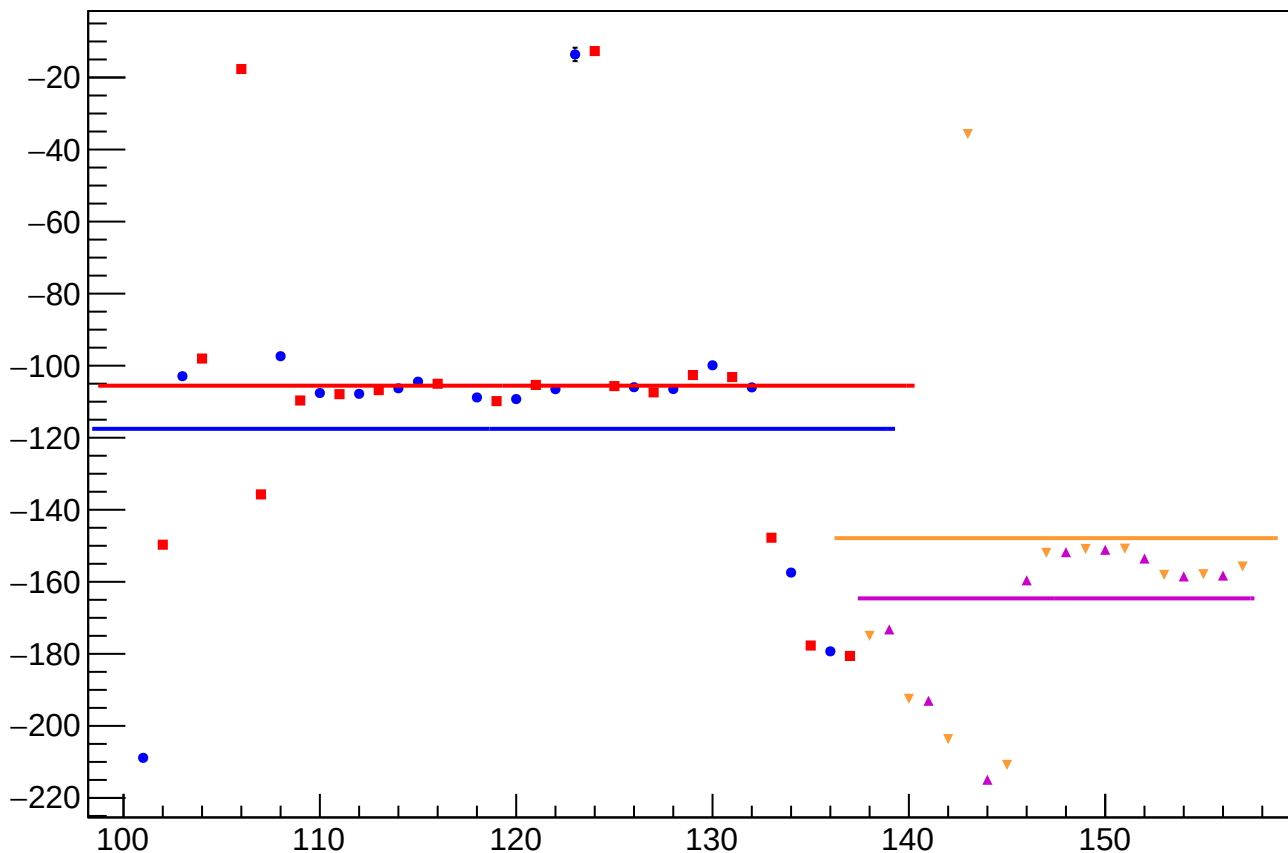
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/34$

In: 47.008 ± 0.989 $\chi^2/\text{NDF}: 761.6/25$

Out: 41.609 ± 0.939 $\chi^2/\text{NDF}: 879.4/28$

All: 44.170 ± 0.681 $\chi^2/\text{NDF}: 1656.7/54$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -147.876 ± 0.073 $\chi^2/\text{NDF}: 451160.1/10$

Right Out: -105.555 ± 0.073 $\chi^2/\text{NDF}: 317428.5/17$

Left In: -164.600 ± 0.078 $\chi^2/\text{NDF}: 55172.8/8$

Left: -155.711 ± 0.053 $\chi^2/\text{NDF}: 530888.0/19$

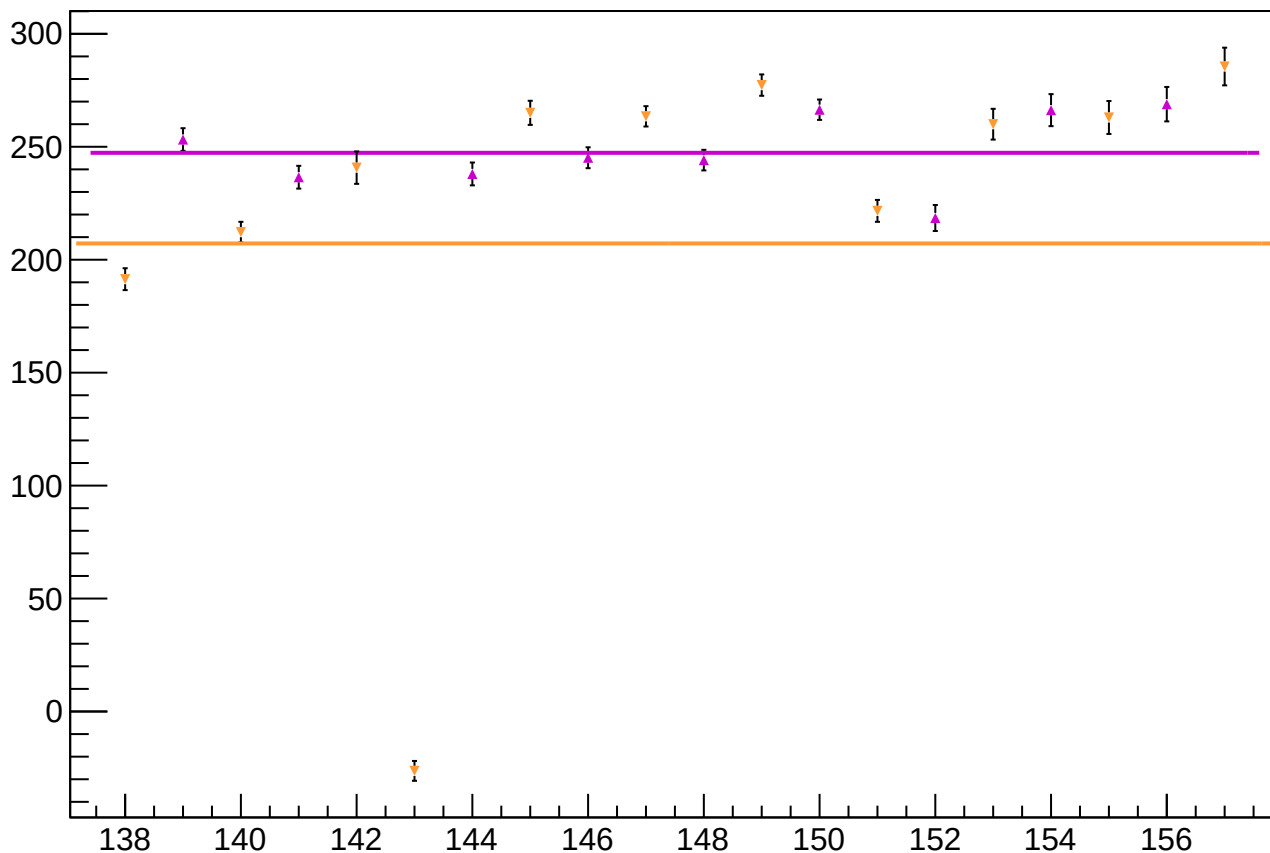
Right: -111.128 ± 0.053 $\chi^2/\text{NDF}: 472040.3/34$

In: -141.162 ± 0.055 $\chi^2/\text{NDF}: 379428.1/25$

Out: -126.665 ± 0.052 $\chi^2/\text{NDF}: 936831.1/28$

All: -133.434 ± 0.038 $\chi^2/\text{NDF}: 1353125.9/54$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.198+/-1.605 χ^2/NDF :3564.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.327+/-1.741 χ^2/NDF :68.3/8

Left: 225.631+/-1.180 χ^2/NDF : 3920.3/19

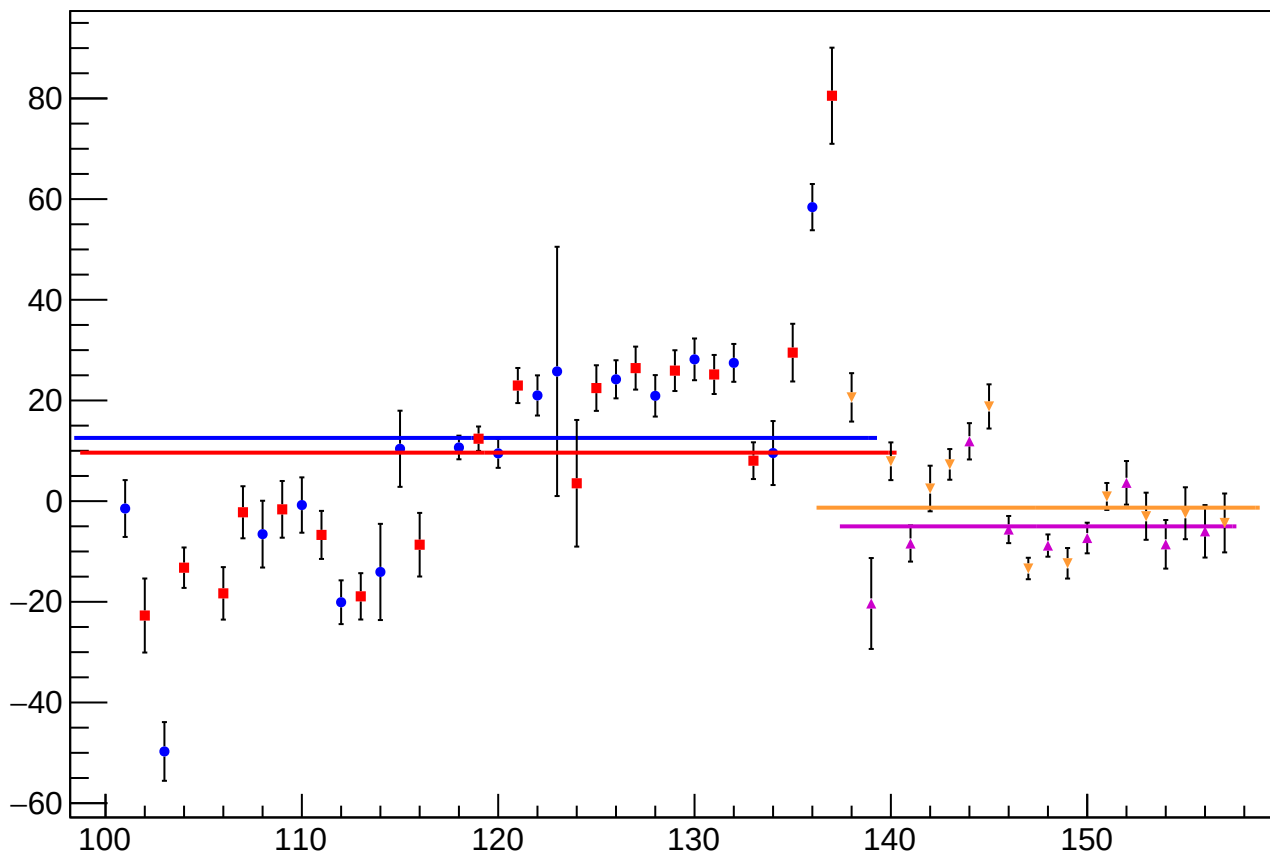
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.327+/-1.741 χ^2/NDF :68.3/8

Out: 207.198+/-1.605 χ^2/NDF :3564.9/10

All: 225.631+/-1.180 χ^2/NDF : 3920.3/19

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: -1.297 $\pm$ 1.052 χ^2 /NDF:103.0/10

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -5.012 $\pm$ 1.155 χ^2 /NDF:33.9/8

Left: -2.982 $\pm$ 0.778 χ^2 /NDF: 142.6/19

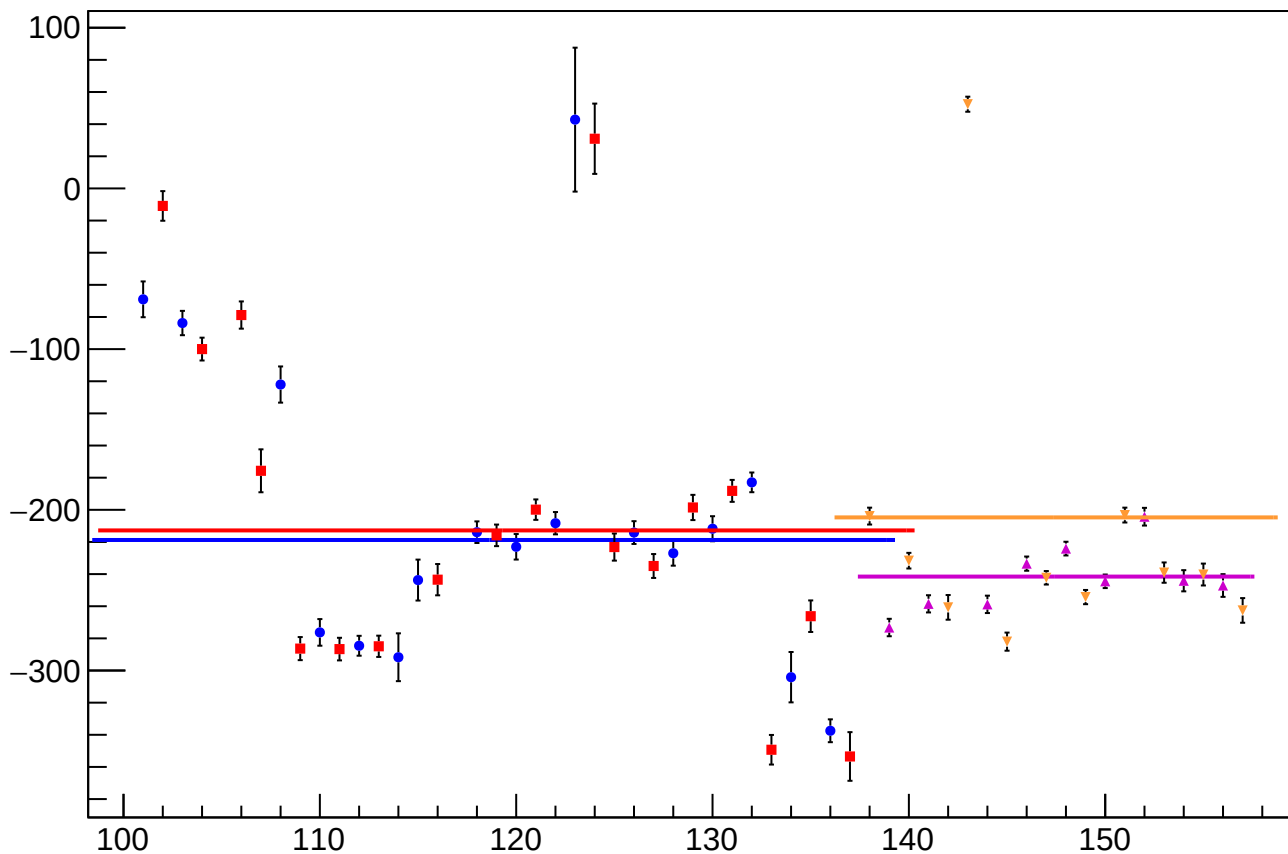
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 4.545 $\pm$ 0.780 χ^2 /NDF:508.4/25

Out: 4.181 $\pm$ 0.743 χ^2 /NDF:444.6/28

All: 4.354 $\pm$ 0.538 χ^2 /NDF: 953.1/54

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -204.717 ± 1.600 $\chi^2/\text{NDF}: 3599.5/10$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -241.545 ± 1.712 $\chi^2/\text{NDF}: 121.3/8$

Left: -221.889 ± 1.169 $\chi^2/\text{NDF}: 3967.8/19$

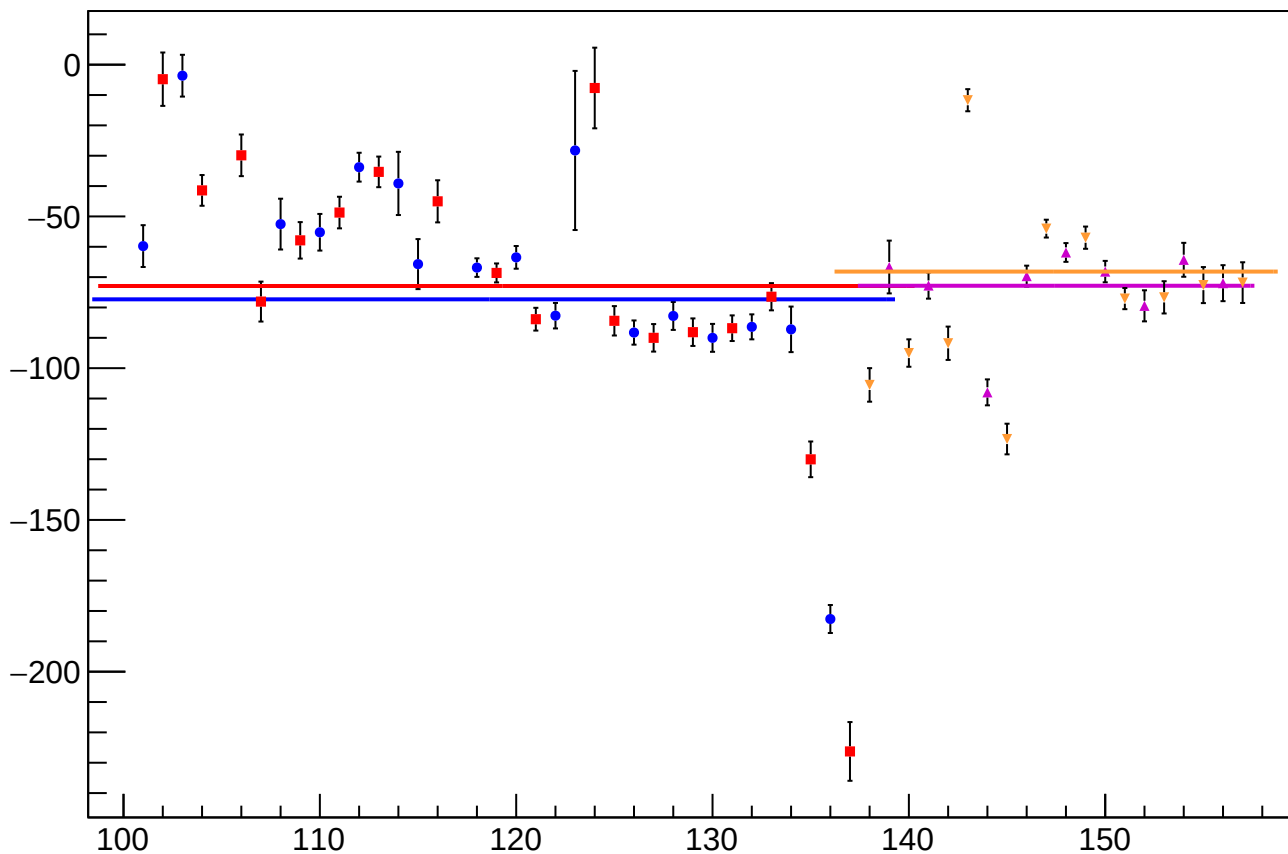
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -231.971 ± 1.303 $\chi^2/\text{NDF}: 1340.1/25$

Out: -208.024 ± 1.231 $\chi^2/\text{NDF}: 5434.4/28$

All: -219.313 ± 0.895 $\chi^2/\text{NDF}: 6953.0/54$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -68.172 ± 1.304 χ^2/NDF : 501.5/10

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -72.843 ± 1.430 χ^2/NDF : 87.2/8

Left: -70.293 ± 0.964 χ^2/NDF : 594.5/19

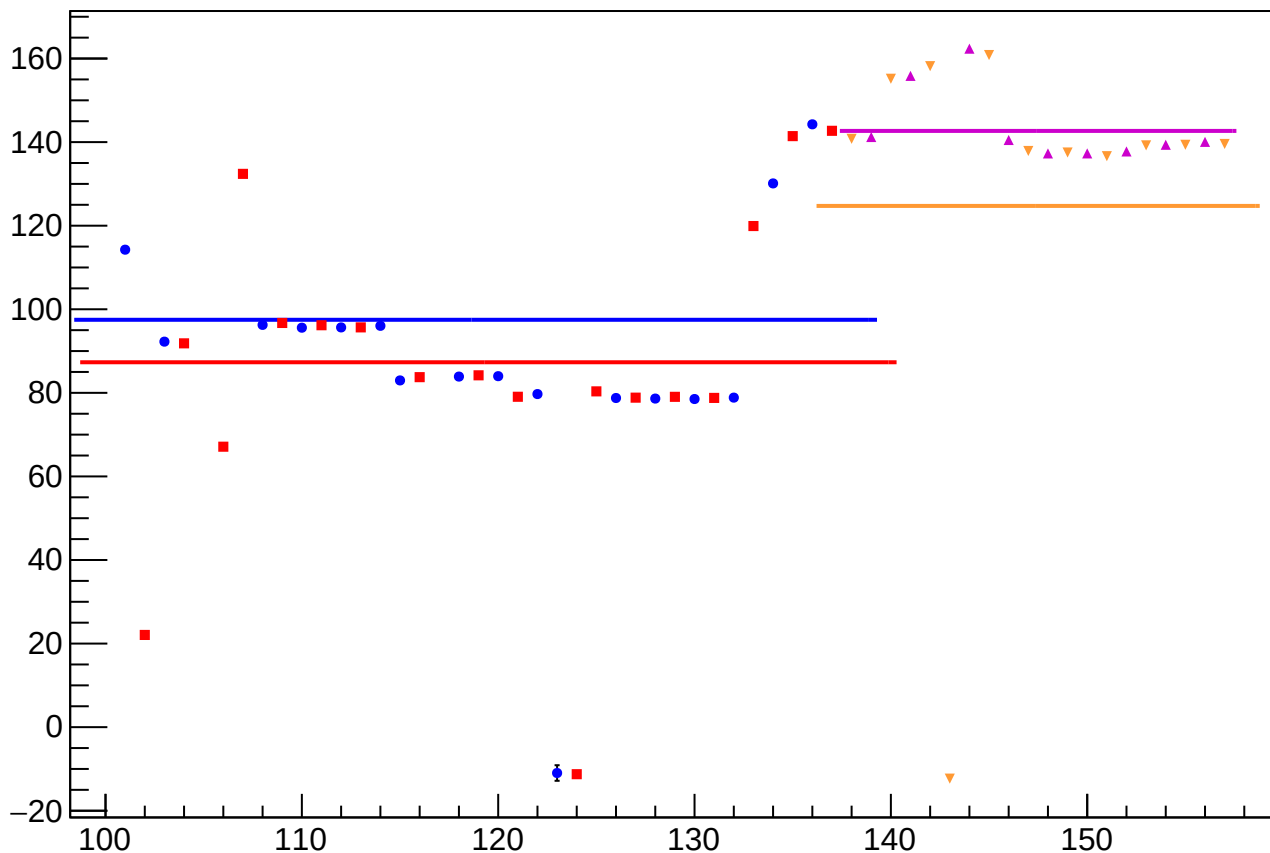
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -75.430 ± 0.929 χ^2/NDF : 910.5/25

Out: -70.729 ± 0.886 χ^2/NDF : 1169.5/28

All: -72.969 ± 0.641 χ^2/NDF : 2093.4/54

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 124.732+/-0.065 χ^2/NDF : 618363.0/10

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 142.679+/-0.069 χ^2/NDF : 13391.3/8

Left: 133.206+/-0.048 χ^2/NDF : 667332.3/19

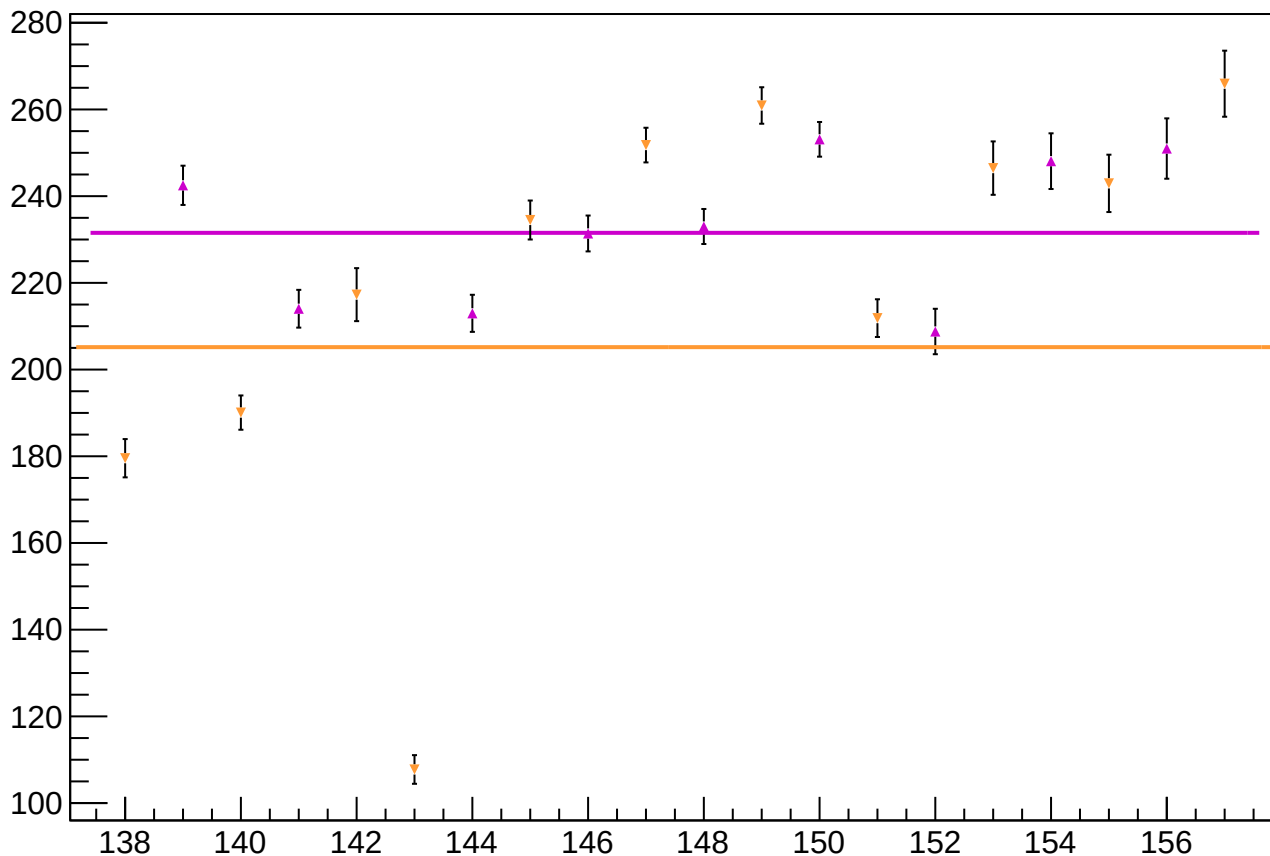
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 121.424+/-0.050 χ^2/NDF : 308809.0/25

Out: 106.853+/-0.047 χ^2/NDF : 996713.2/28

All: 113.680+/-0.034 χ^2/NDF : 1350095.8/54

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.171+/-1.385 χ^2/NDF :1417.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 231.541+/-1.544 χ^2/NDF :103.4/8

Left: 216.931+/-1.031 χ^2/NDF : 1682.9/19

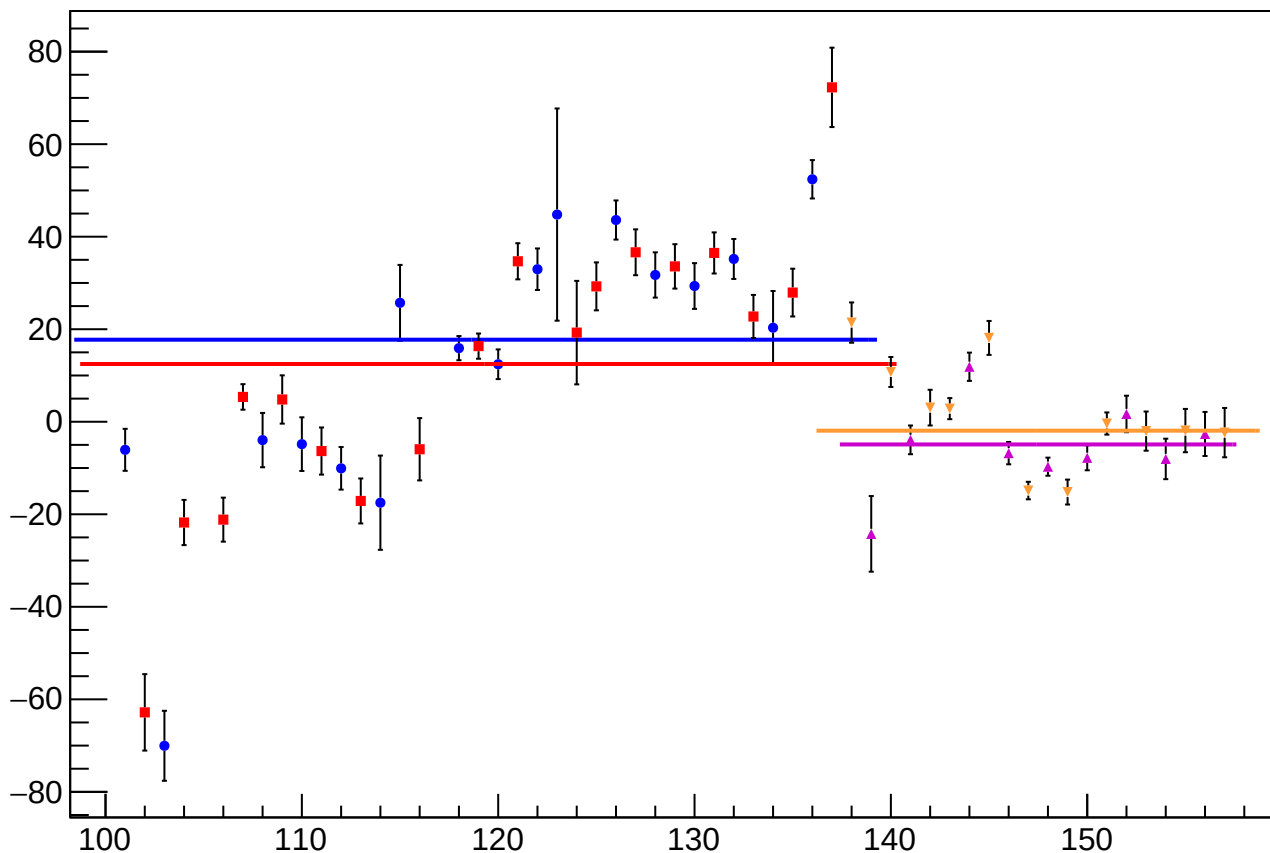
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.541+/-1.544 χ^2/NDF :103.4/8

Out: 205.171+/-1.385 χ^2/NDF :1417.9/10

All: 216.931+/-1.031 χ^2/NDF : 1682.9/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737+/-1.149 χ^2/NDF : 394.0/16

Left Out: -1.929+/-0.909 χ^2/NDF : 151.5/10

Right Out: 12.484+/-1.085 χ^2/NDF : 429.2/17

Left In: -4.904+/-1.022 χ^2/NDF : 47.3/8

Left: -3.243+/-0.679 χ^2/NDF : 203.5/19

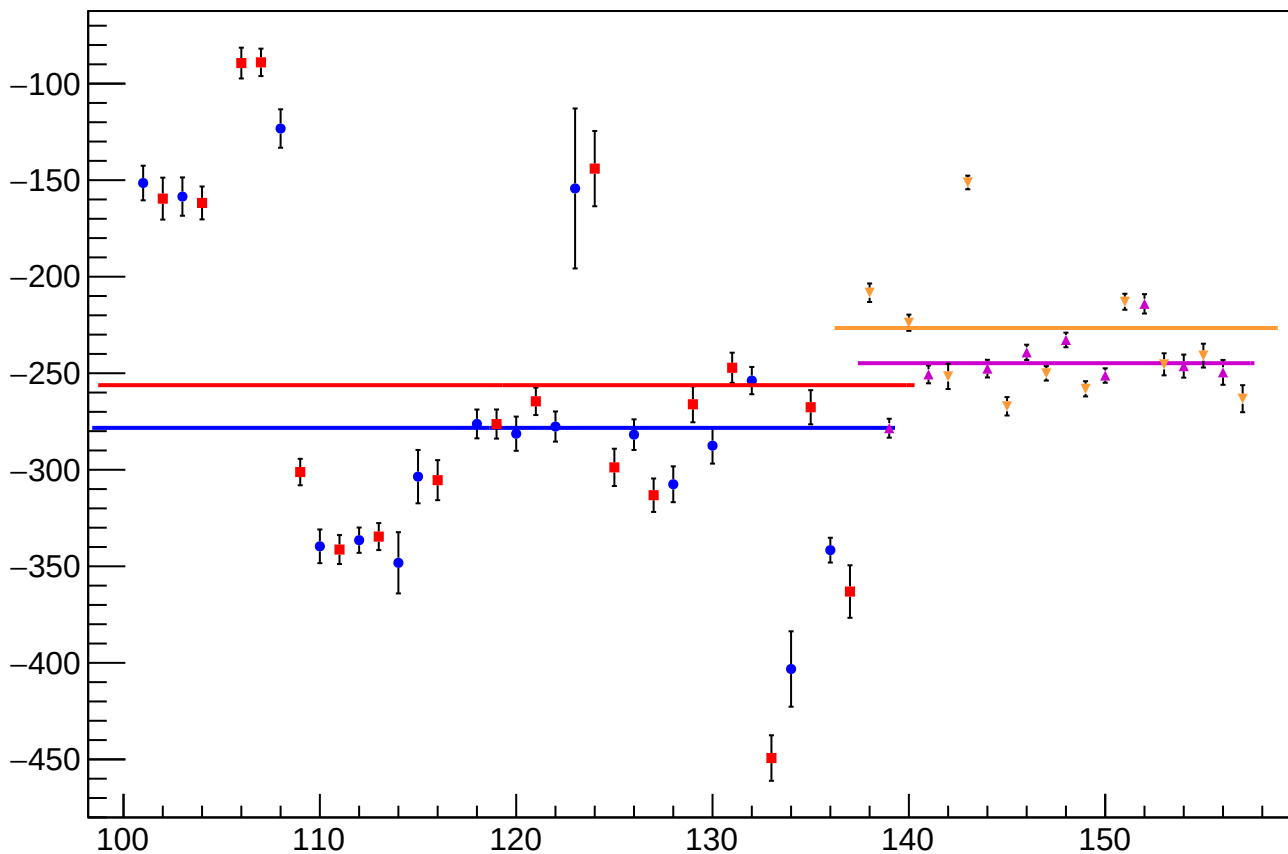
Right: 14.961+/-0.789 χ^2/NDF : 834.2/34

In: 5.105+/-0.764 χ^2/NDF : 658.1/25

Out: 4.016+/-0.697 χ^2/NDF : 684.3/28

All: 4.511+/-0.515 χ^2/NDF : 1343.5/54

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -226.549 ± 1.387 $\chi^2/\text{NDF}: 717.2/10$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -244.797 ± 1.520 $\chi^2/\text{NDF}: 102.4/8$

Left: -234.842 ± 1.024 $\chi^2/\text{NDF}: 898.2/19$

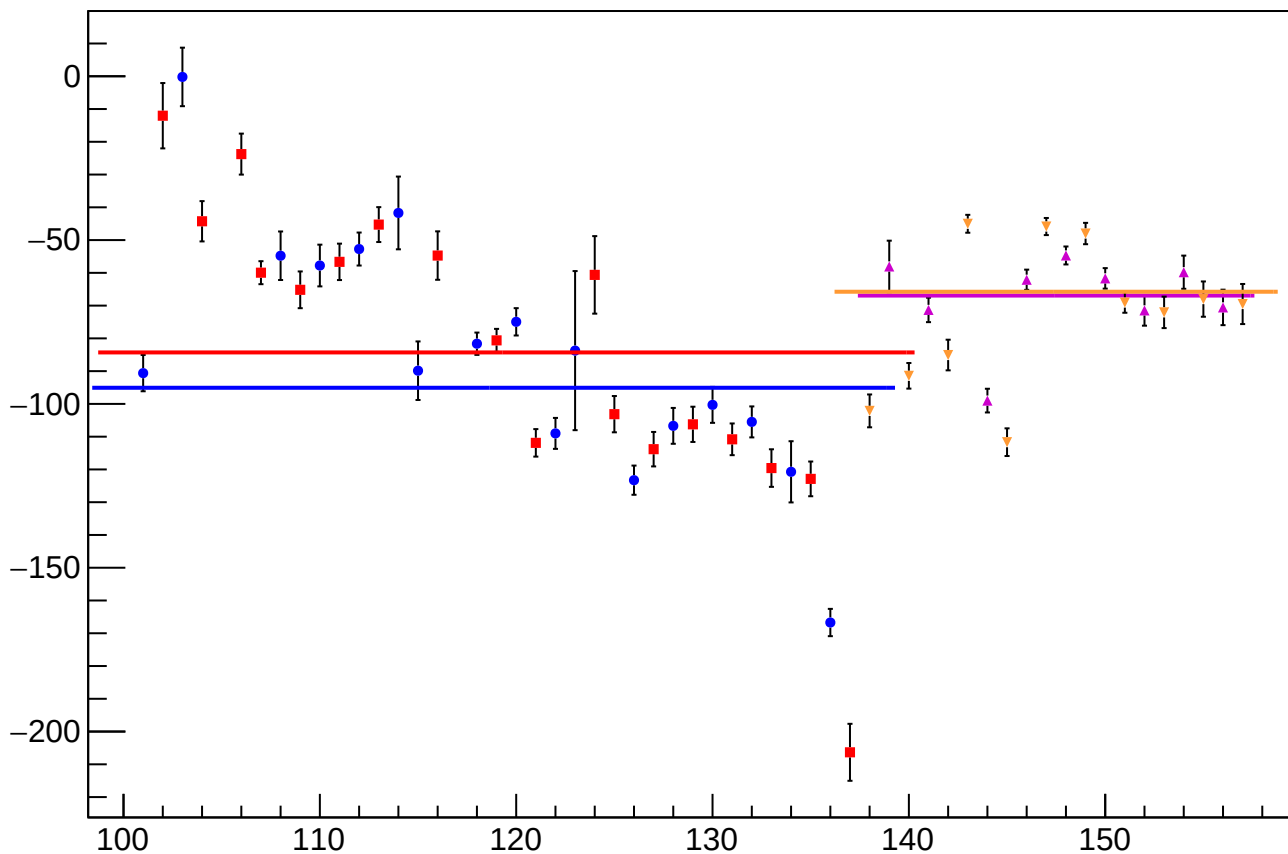
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -255.806 ± 1.245 $\chi^2/\text{NDF}: 1172.0/25$

Out: -236.011 ± 1.144 $\chi^2/\text{NDF}: 2815.2/28$

All: -245.074 ± 0.843 $\chi^2/\text{NDF}: 4124.1/54$

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: -65.764 ± 1.126 χ^2/NDF : 379.9/10

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -66.931 ± 1.266 χ^2/NDF : 109.7/8

Left: -66.279 ± 0.841 χ^2/NDF : 490.1/19

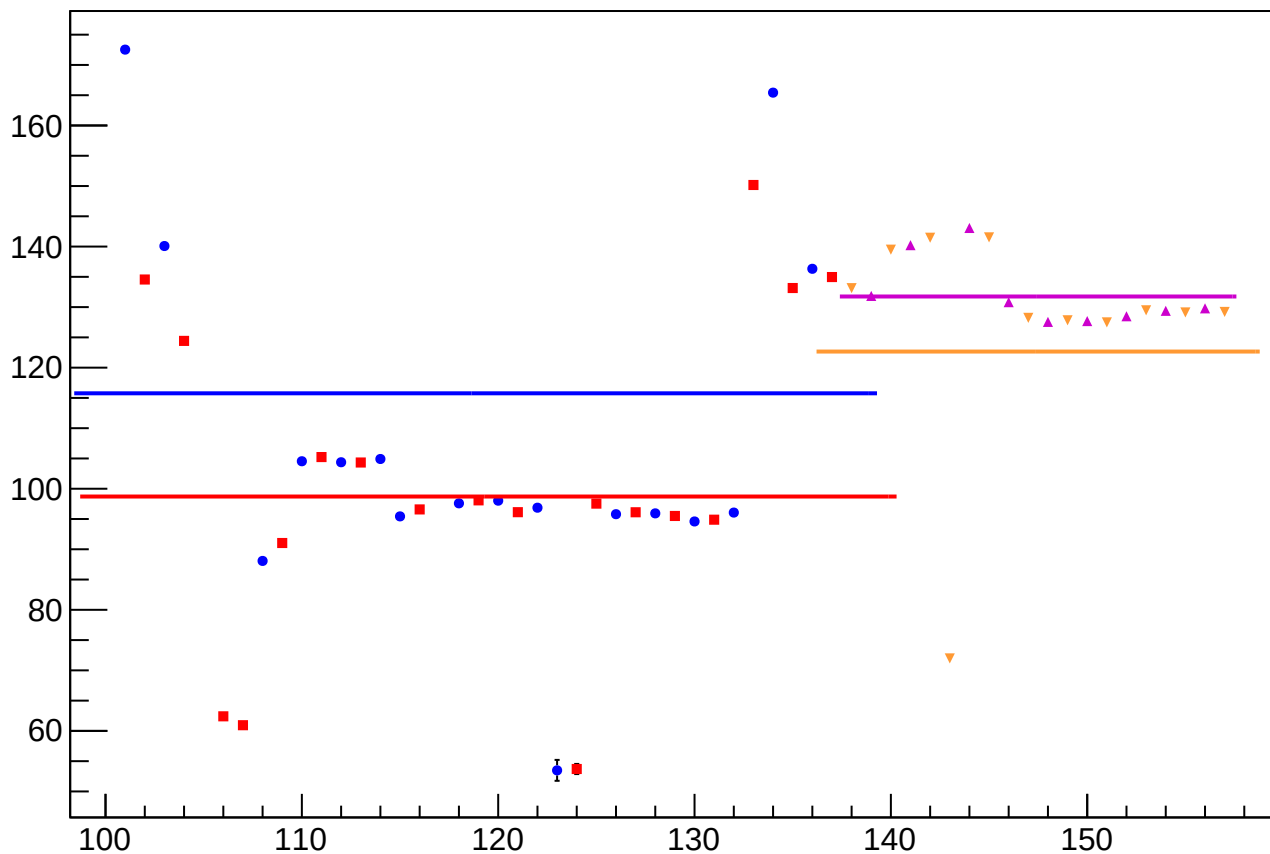
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -80.363 ± 0.916 χ^2/NDF : 1018.6/25

Out: -73.999 ± 0.839 χ^2/NDF : 1269.1/28

All: -76.903 ± 0.619 χ^2/NDF : 2314.0/54

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 122.659 $\pm$ 0.057 χ^2 /NDF: 159725.2/10

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 131.754 $\pm$ 0.062 χ^2 /NDF: 7081.0/8

Left: 126.839 $\pm$ 0.042 χ^2 /NDF: 178612.8/19

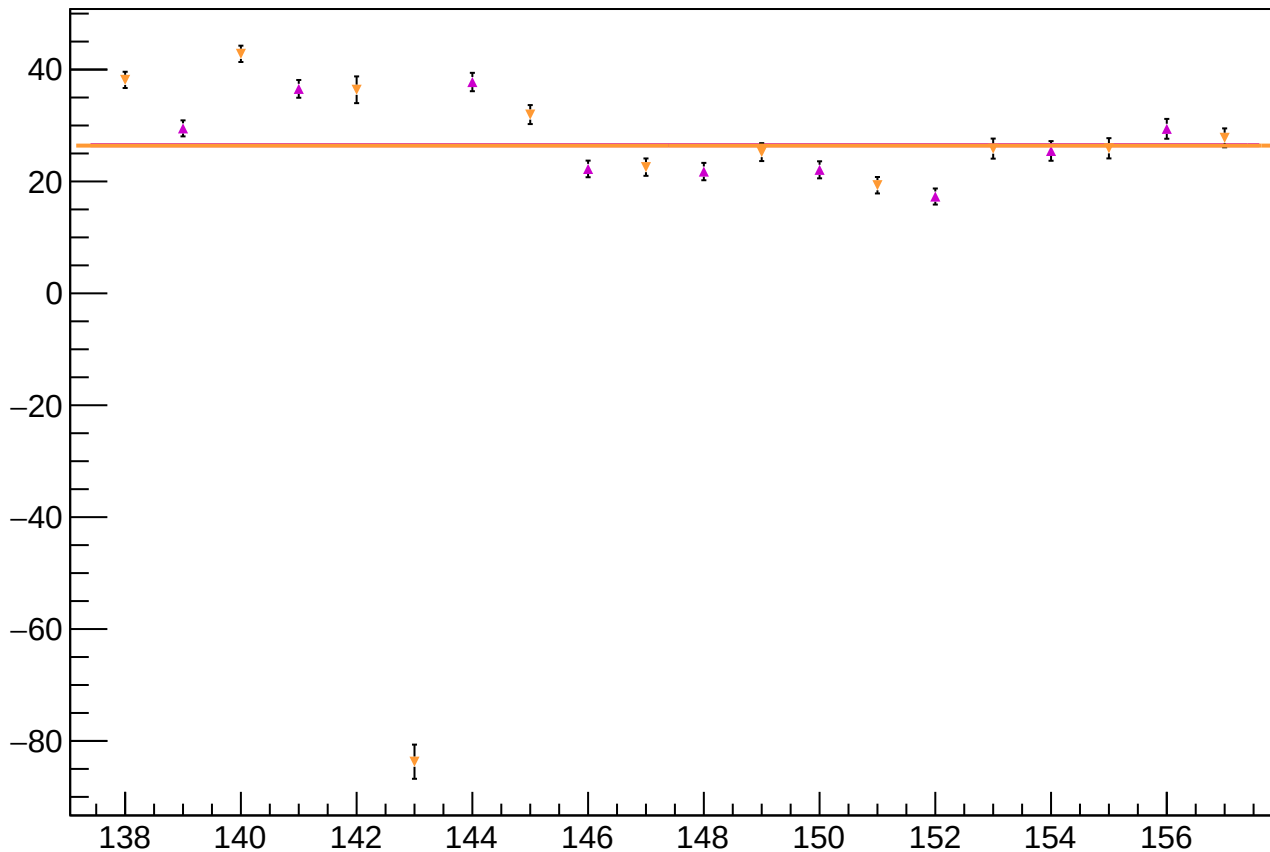
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 125.628 $\pm$ 0.048 χ^2 /NDF: 139252.2/25

Out: 112.950 $\pm$ 0.044 χ^2 /NDF: 402123.8/28

All: 118.660 $\pm$ 0.032 χ^2 /NDF: 579194.9/54

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.483+/-0.521 χ^2/NDF :161.5/8

Left: 26.444+/-0.365 χ^2/NDF : 1710.9/19

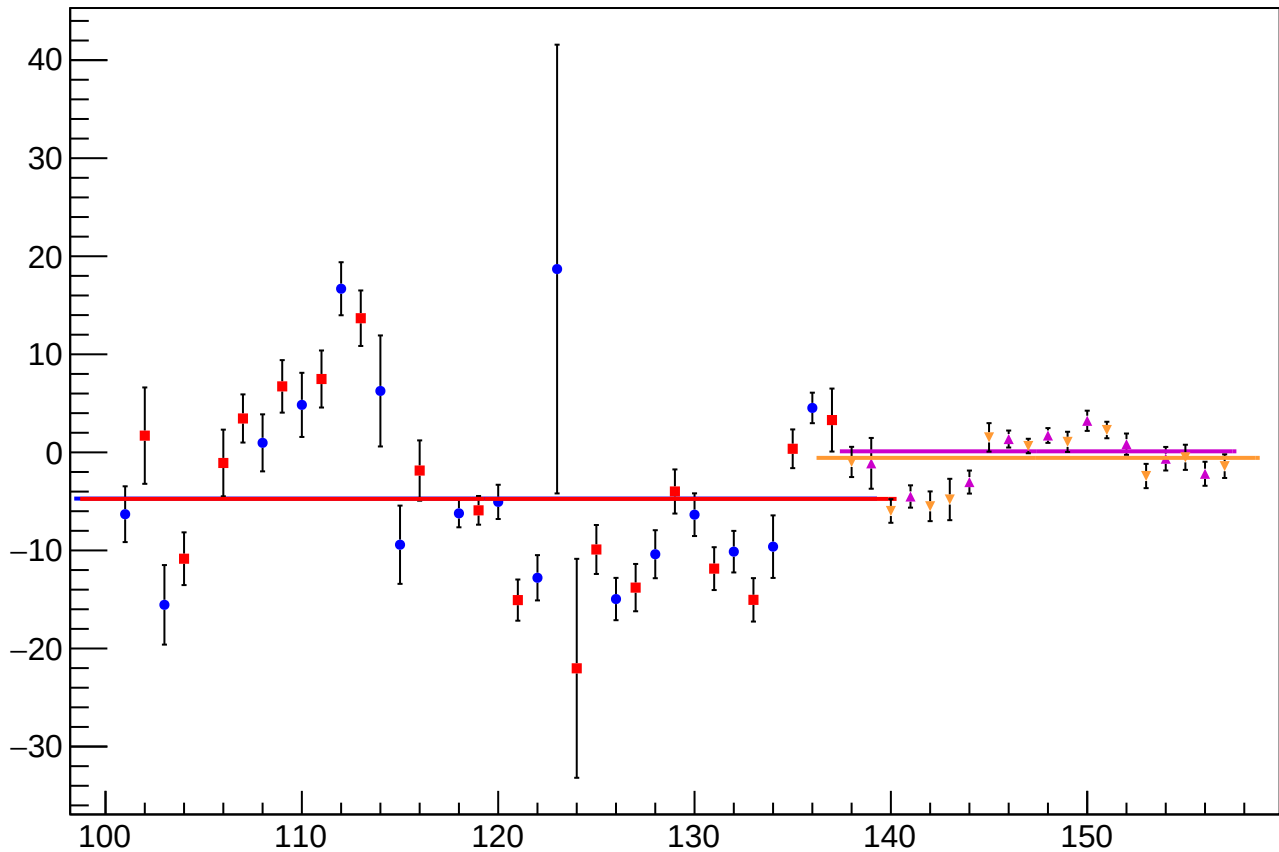
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.483+/-0.521 χ^2/NDF :161.5/8

Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

All: 26.444+/-0.365 χ^2/NDF : 1710.9/19

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.561 ± 0.345 χ^2/NDF : 56.4/10

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: 0.107 ± 0.356 χ^2/NDF : 43.9/8

Left: -0.237 ± 0.248 χ^2/NDF : 102.1/19

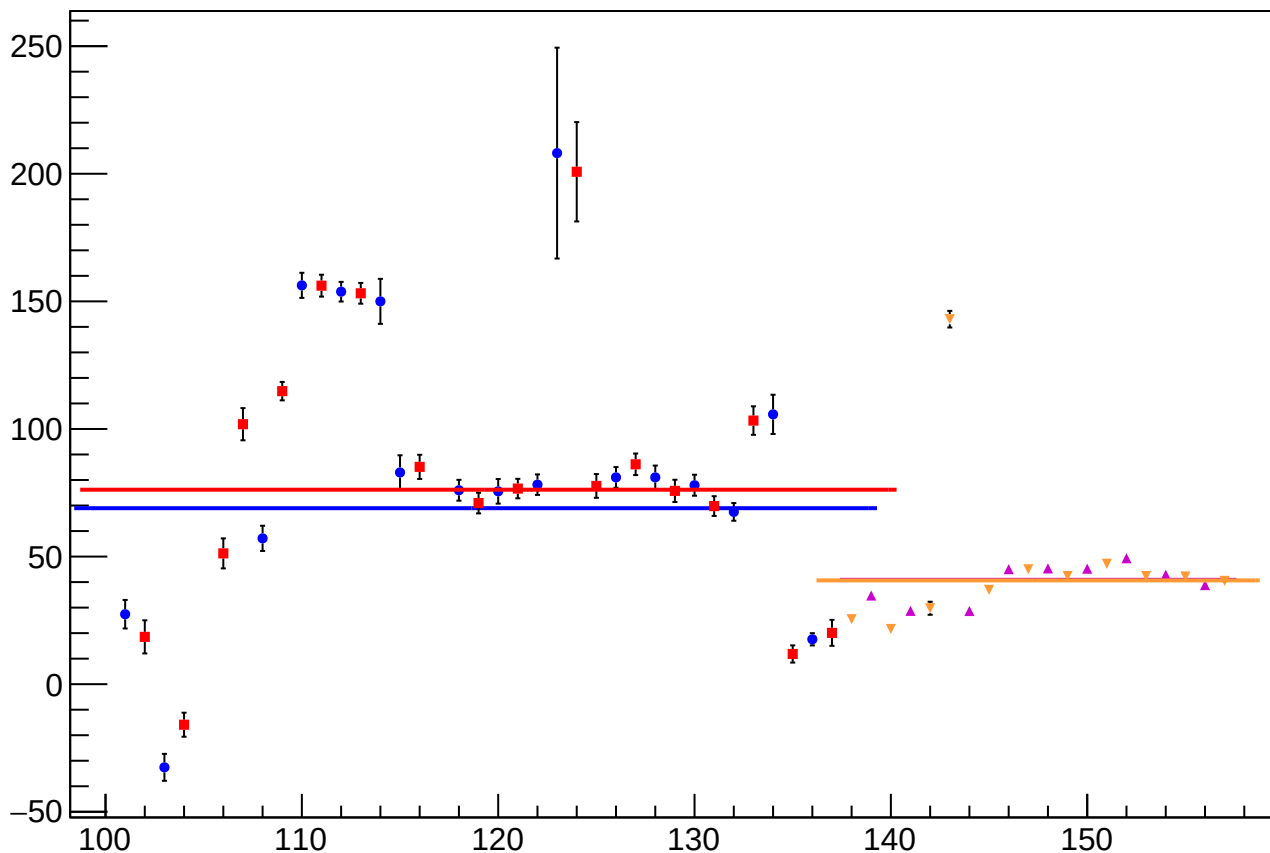
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.210 ± 0.304 χ^2/NDF : 268.6/25

Out: -1.640 ± 0.297 χ^2/NDF : 283.6/28

All: -1.430 ± 0.212 χ^2/NDF : 553.3/54

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.659 $\pm$ 0.504 χ^2 /NDF:1285.8/10

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 40.893 $\pm$ 0.511 χ^2 /NDF:184.3/8

Left: 40.775 $\pm$ 0.359 χ^2 /NDF: 1470.2/19

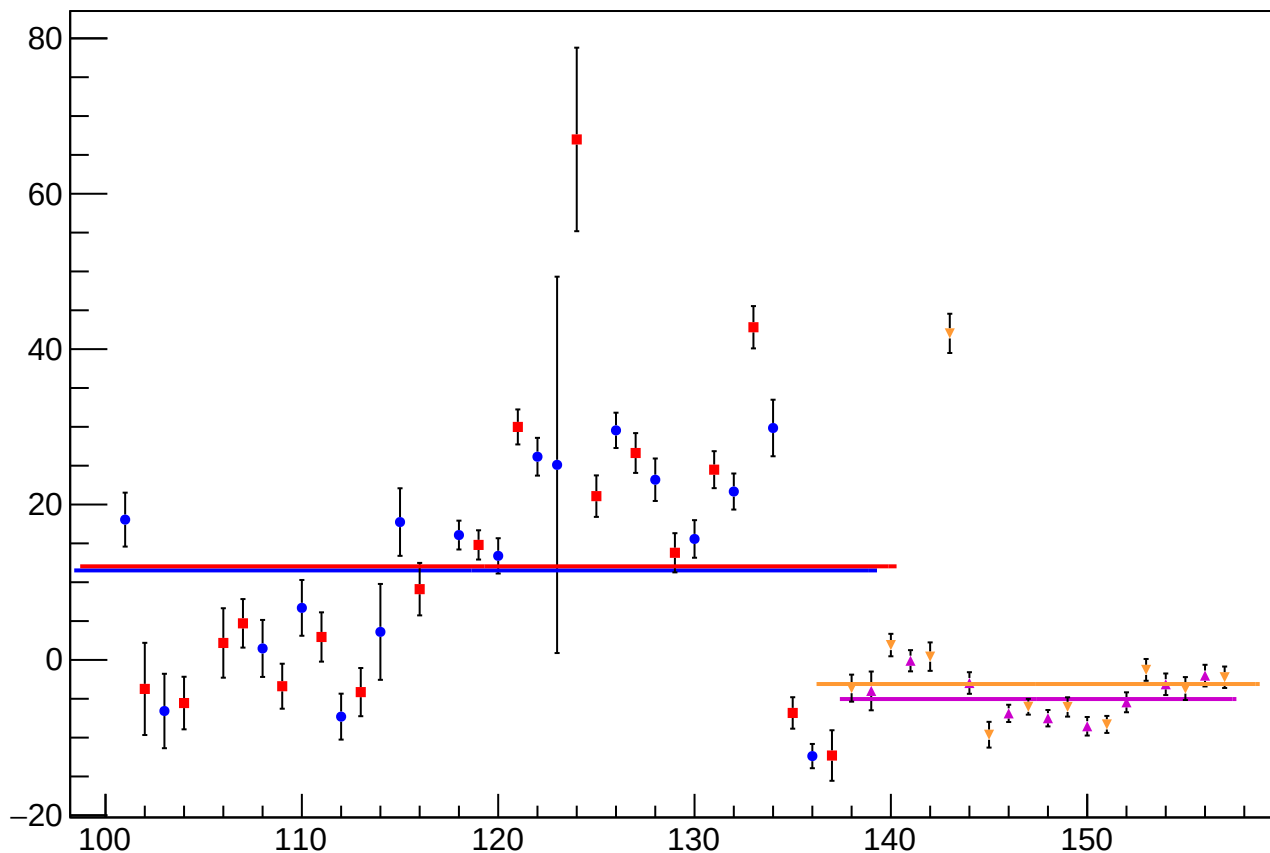
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 46.038 $\pm$ 0.462 χ^2 /NDF:2581.0/25

Out: 47.108 $\pm$ 0.456 χ^2 /NDF:4068.1/28

All: 46.580 $\pm$ 0.325 χ^2 /NDF: 6651.9/54

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.101 ± 0.424 $\chi^2/\text{NDF}: 389.5/10$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -5.034 ± 0.436 $\chi^2/\text{NDF}: 38.9/8$

Left: -4.040 ± 0.304 $\chi^2/\text{NDF}: 438.6/19$

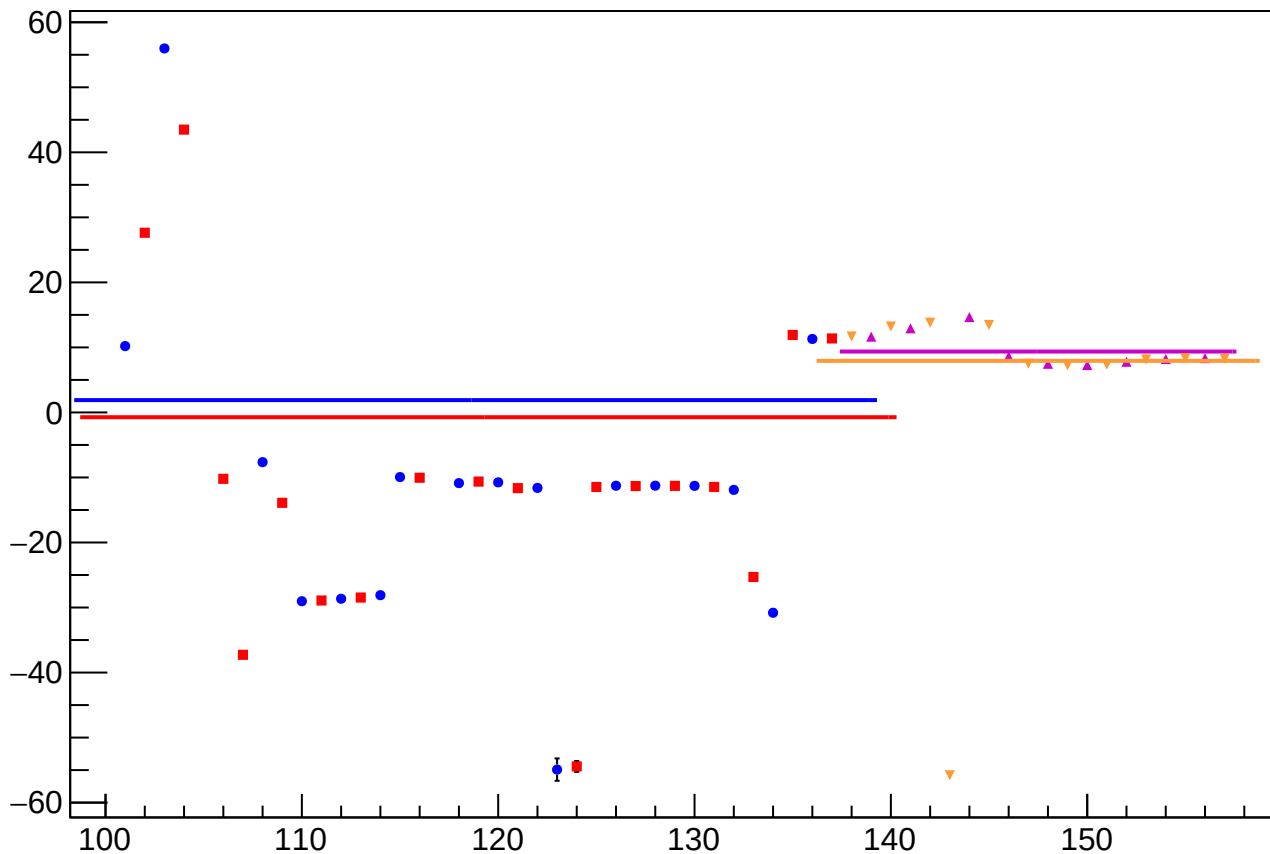
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.007 ± 0.364 $\chi^2/\text{NDF}: 954.6/25$

Out: 1.275 ± 0.357 $\chi^2/\text{NDF}: 1297.7/28$

All: 0.645 ± 0.255 $\chi^2/\text{NDF}: 2258.6/54$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 7.935 $\pm$ 0.020 χ^2 /NDF:256317.2/10

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 9.365 $\pm$ 0.020 χ^2 /NDF:13050.7/8

Left: 8.643 $\pm$ 0.014 χ^2 /NDF: 271907.8/19

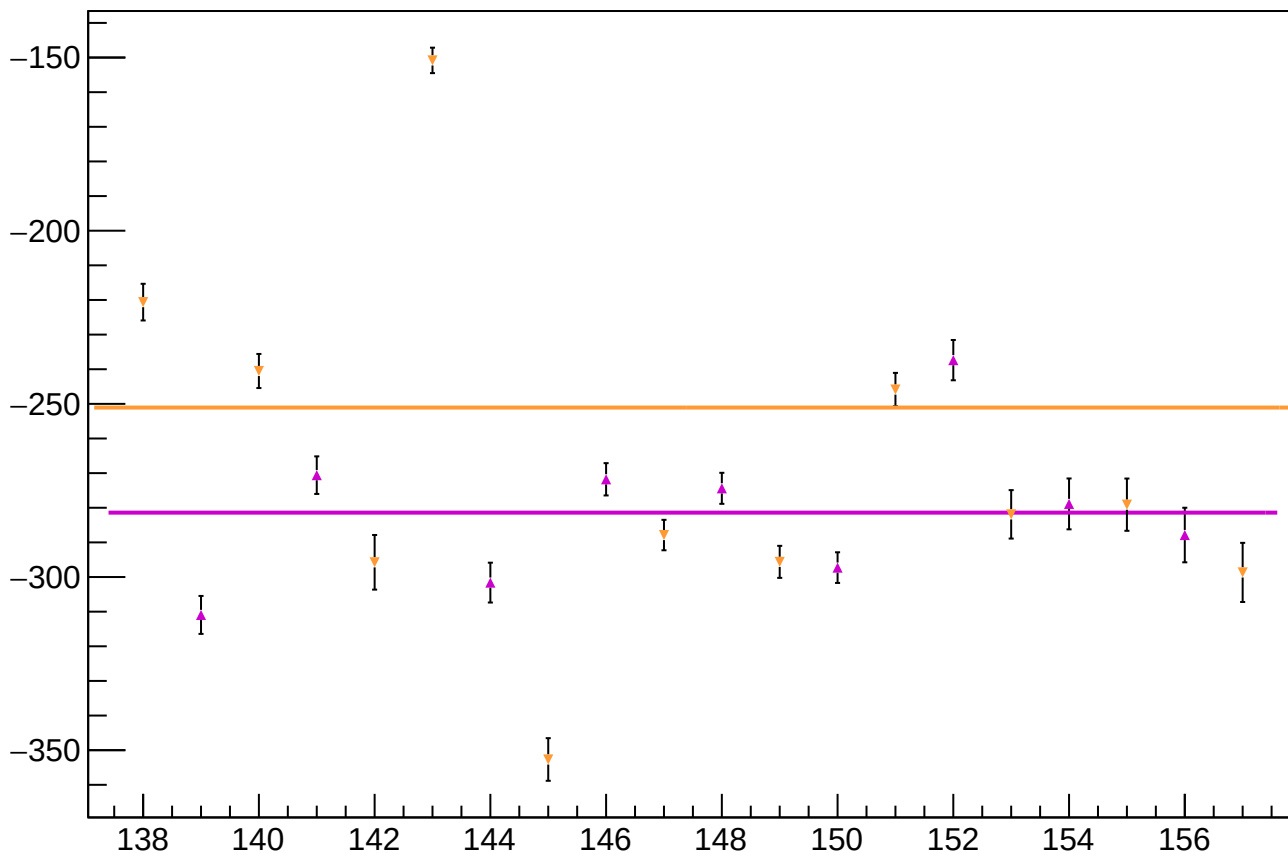
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.657 $\pm$ 0.018 χ^2 /NDF:403266.1/25

Out: 5.990 $\pm$ 0.018 χ^2 /NDF:658555.4/28

All: 6.817 $\pm$ 0.012 χ^2 /NDF: 1066284.3/54

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -251.064+/-1.608 χ^2/NDF :1314.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.406+/-1.800 χ^2/NDF :123.0/8

Left: -264.524+/-1.199 χ^2/NDF : 1595.4/19

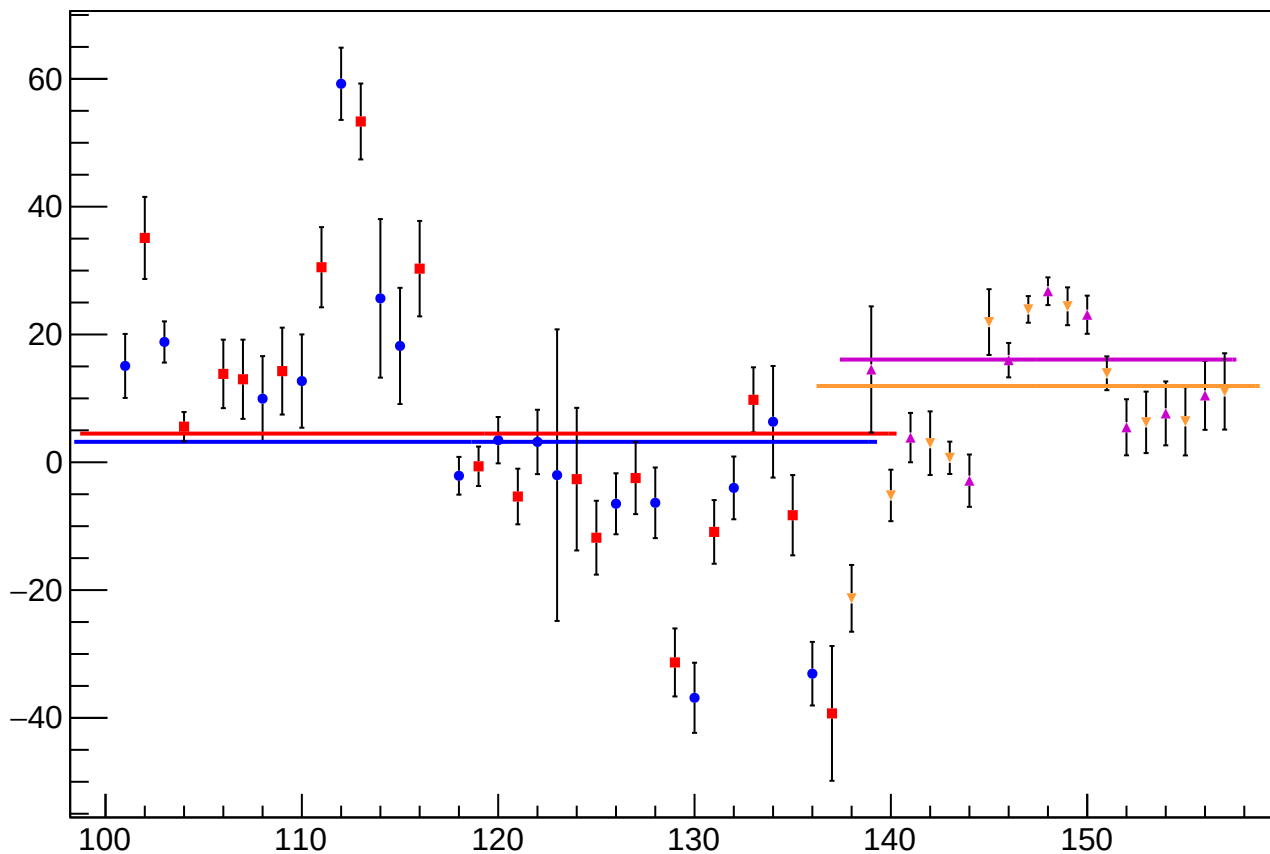
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.406+/-1.800 χ^2/NDF :123.0/8

Out: -251.064+/-1.608 χ^2/NDF :1314.3/10

All: -264.524+/-1.199 χ^2/NDF : 1595.4/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 11.938 ± 1.039 $\chi^2/\text{NDF}: 139.2/10$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 16.074 ± 1.174 $\chi^2/\text{NDF}: 71.0/8$

Left: 13.755 ± 0.778 $\chi^2/\text{NDF}: 217.2/19$

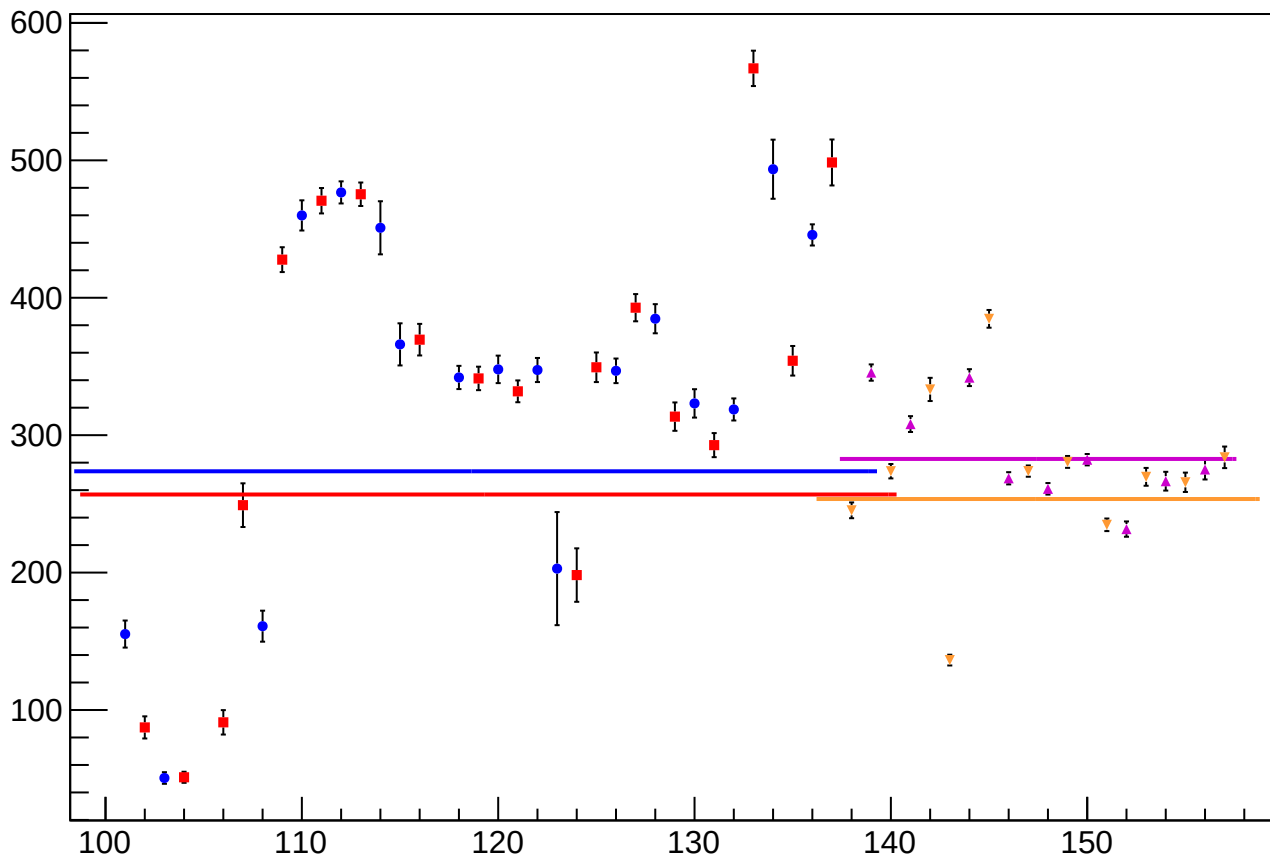
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 9.924 ± 0.848 $\chi^2/\text{NDF}: 383.7/25$

Out: 8.618 ± 0.773 $\chi^2/\text{NDF}: 383.9/28$

All: 9.211 ± 0.572 $\chi^2/\text{NDF}: 768.8/54$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 253.543 $\pm$ 1.600 χ^2 /NDF:1517.0/10

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 282.699 $\pm$ 1.760 χ^2 /NDF:351.5/8

Left: 266.737 $\pm$ 1.184 χ^2 /NDF: 2018.7/19

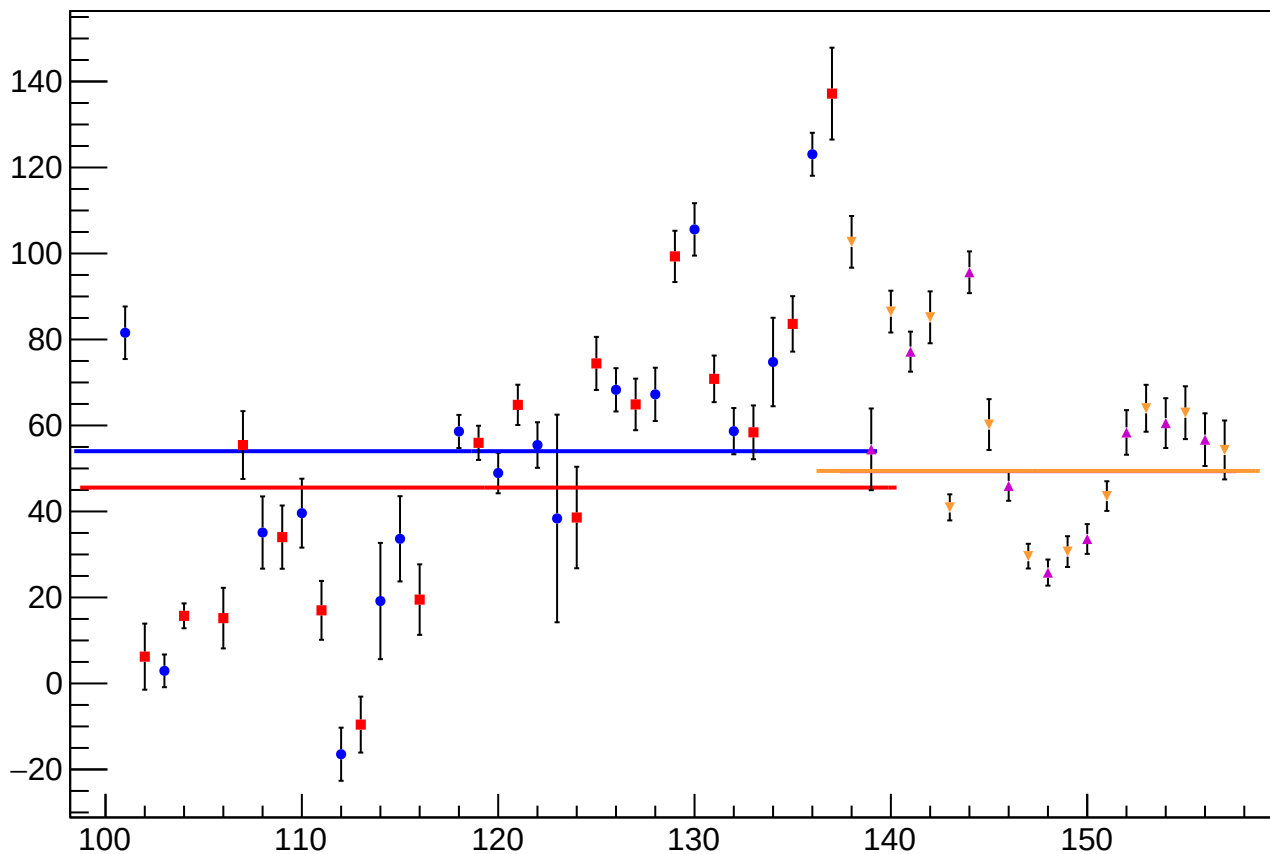
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 279.183 $\pm$ 1.373 χ^2 /NDF:5465.0/25

Out: 254.761 $\pm$ 1.269 χ^2 /NDF:7930.3/28

All: 266.013 $\pm$ 0.932 χ^2 /NDF: 13565.9/54

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 49.426 $\pm$ 1.291 χ^2 /NDF:273.2/10

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 49.373 $\pm$ 1.460 χ^2 /NDF:216.9/8

Left: 49.403 $\pm$ 0.967 χ^2 /NDF: 490.0/19

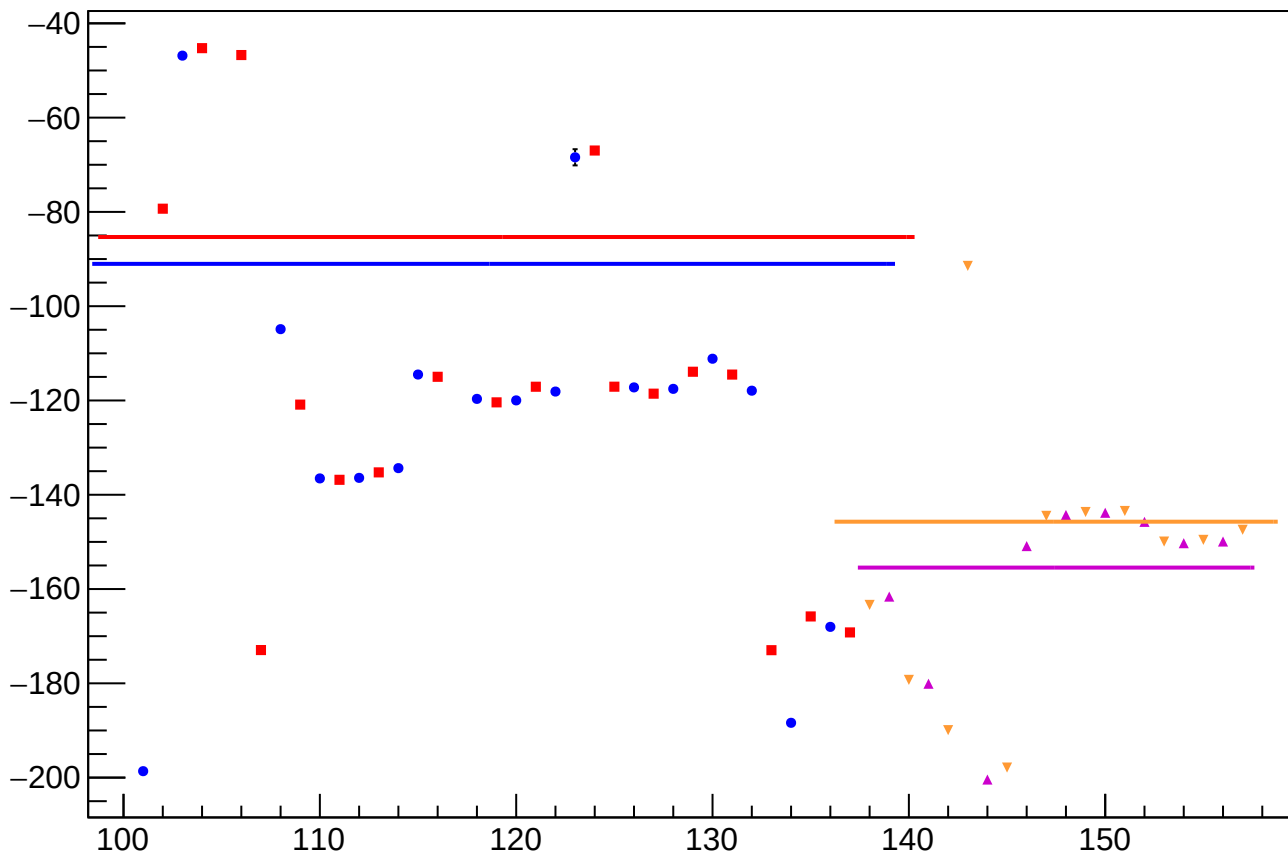
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 51.754 $\pm$ 1.019 χ^2 /NDF:854.9/25

Out: 47.587 $\pm$ 0.936 χ^2 /NDF:804.1/28

All: 49.493 $\pm$ 0.689 χ^2 /NDF: 1668.0/54

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: -145.713+/-0.066 χ^2/NDF : 205312.0/10

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -155.450+/-0.071 χ^2/NDF : 51436.4/8

Left: -150.178+/-0.048 χ^2/NDF : 266842.8/19

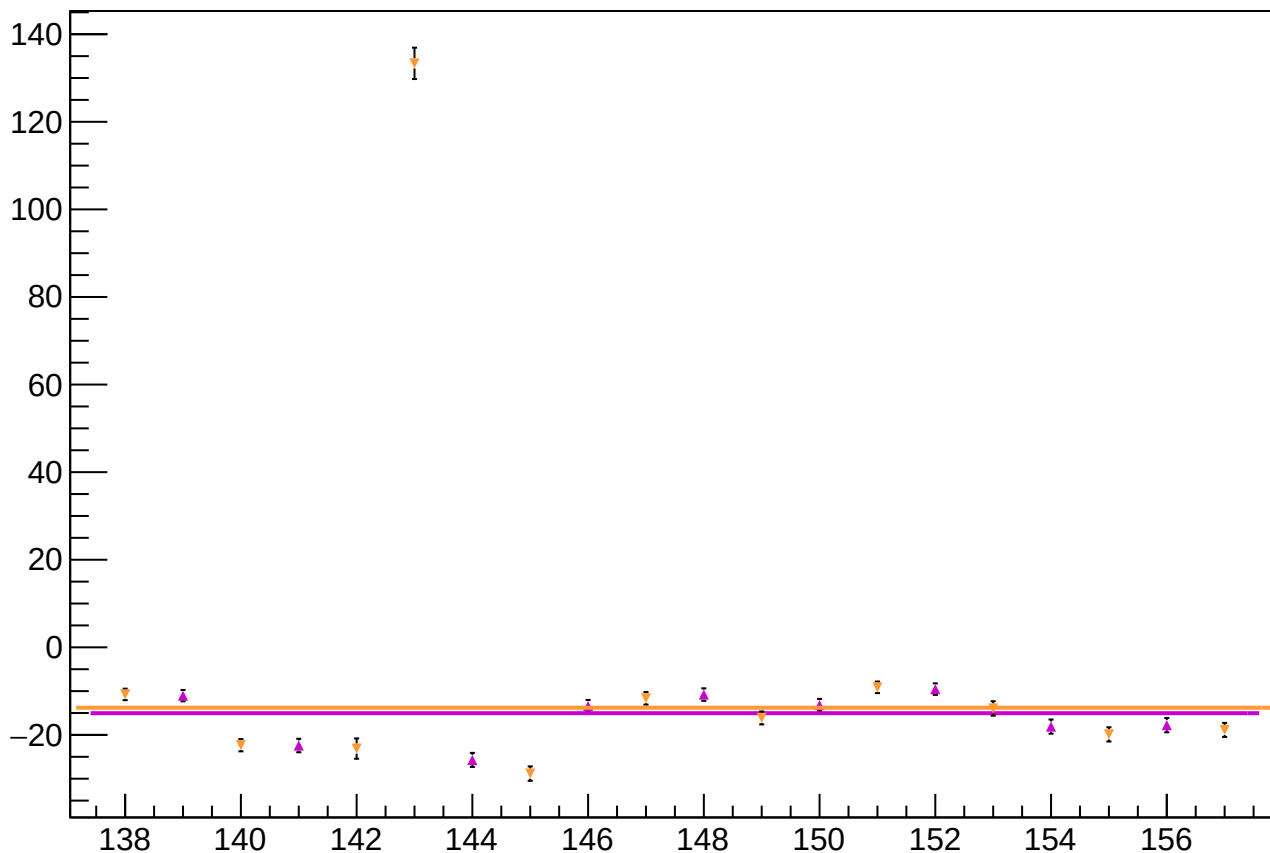
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -121.504+/-0.049 χ^2/NDF : 1015702.2/25

Out: -115.303+/-0.046 χ^2/NDF : 1114764.5/28

All: -118.221+/-0.034 χ^2/NDF : 2138926.7/54

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.792+/-0.479 χ^2/NDF :1870.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.040+/-0.485 χ^2/NDF :112.2/8

Left: -14.409+/-0.341 χ^2/NDF : 1986.2/19

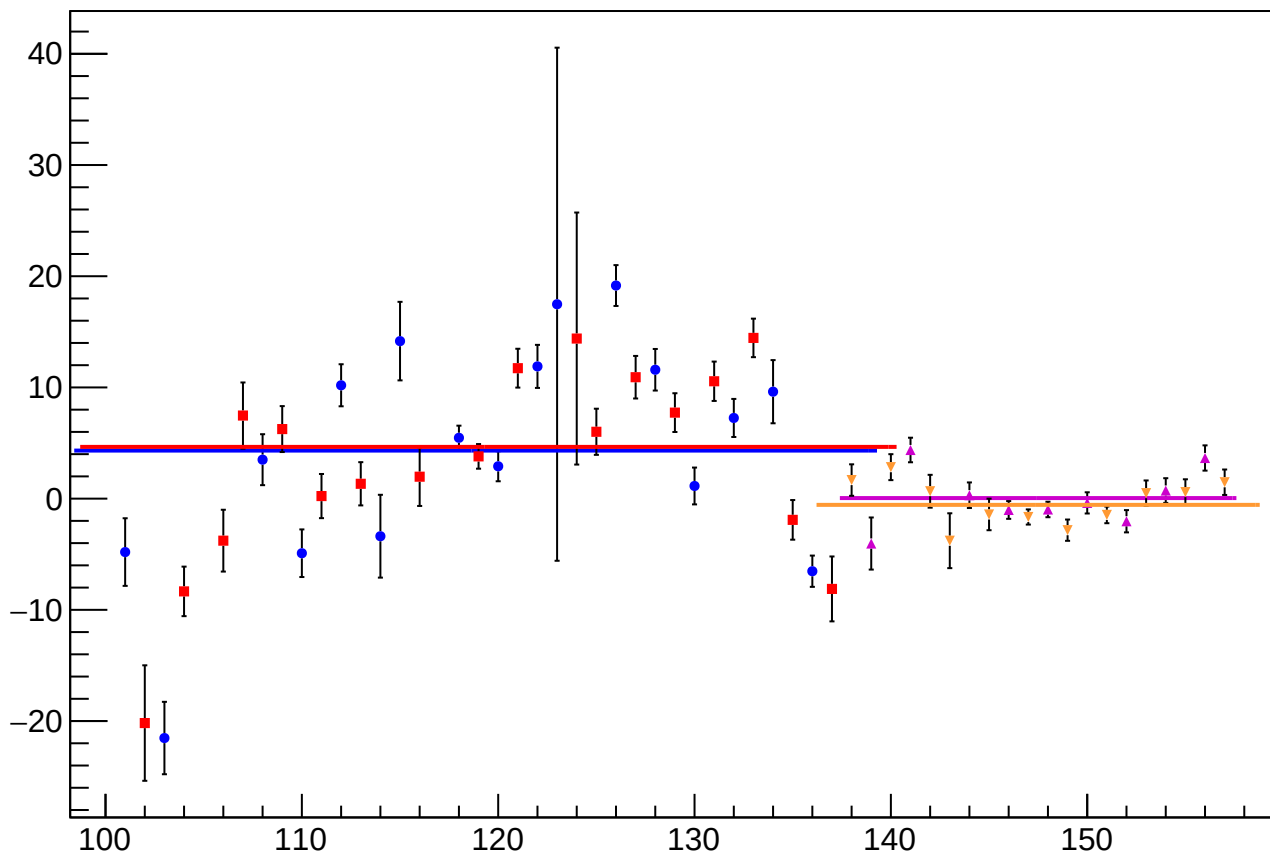
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.040+/-0.485 χ^2/NDF :112.2/8

Out: -13.792+/-0.479 χ^2/NDF :1870.6/10

All: -14.409+/-0.341 χ^2/NDF : 1986.2/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.560 ± 0.322 $\chi^2/\text{NDF}: 28.4/10$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.050 ± 0.332 $\chi^2/\text{NDF}: 37.3/8$

Left: -0.265 ± 0.231 $\chi^2/\text{NDF}: 67.5/19$

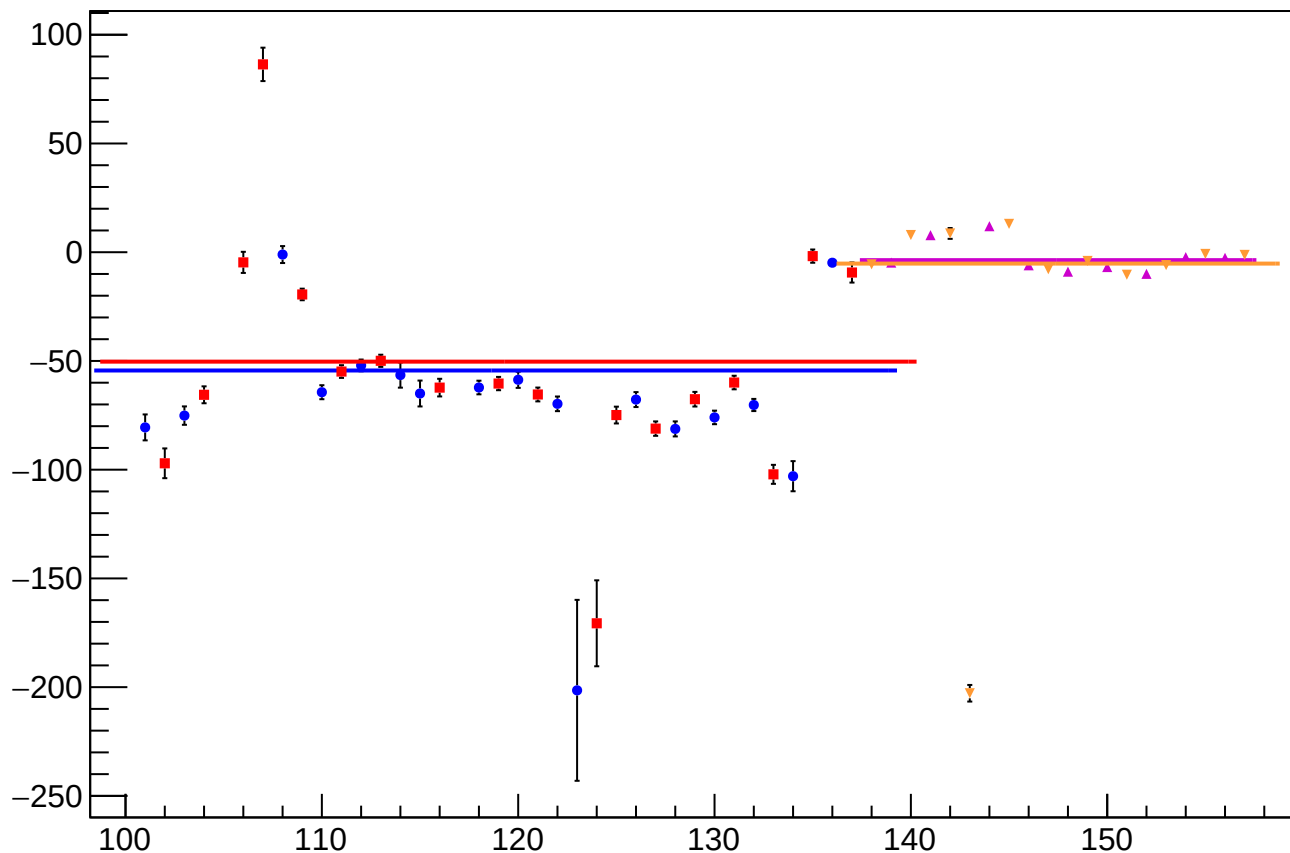
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.491 ± 0.270 $\chi^2/\text{NDF}: 373.5/25$

Out: 1.083 ± 0.266 $\chi^2/\text{NDF}: 295.6/28$

All: 1.284 ± 0.190 $\chi^2/\text{NDF}: 670.3/54$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -5.231+/-0.470 χ^2/NDF : 2933.7/10

Right Out: -50.316+/-0.858 χ^2/NDF : 1319.3/17

Left In: -3.646+/-0.475 χ^2/NDF : 183.0/8

Left: -4.447+/-0.334 χ^2/NDF : 3122.3/19

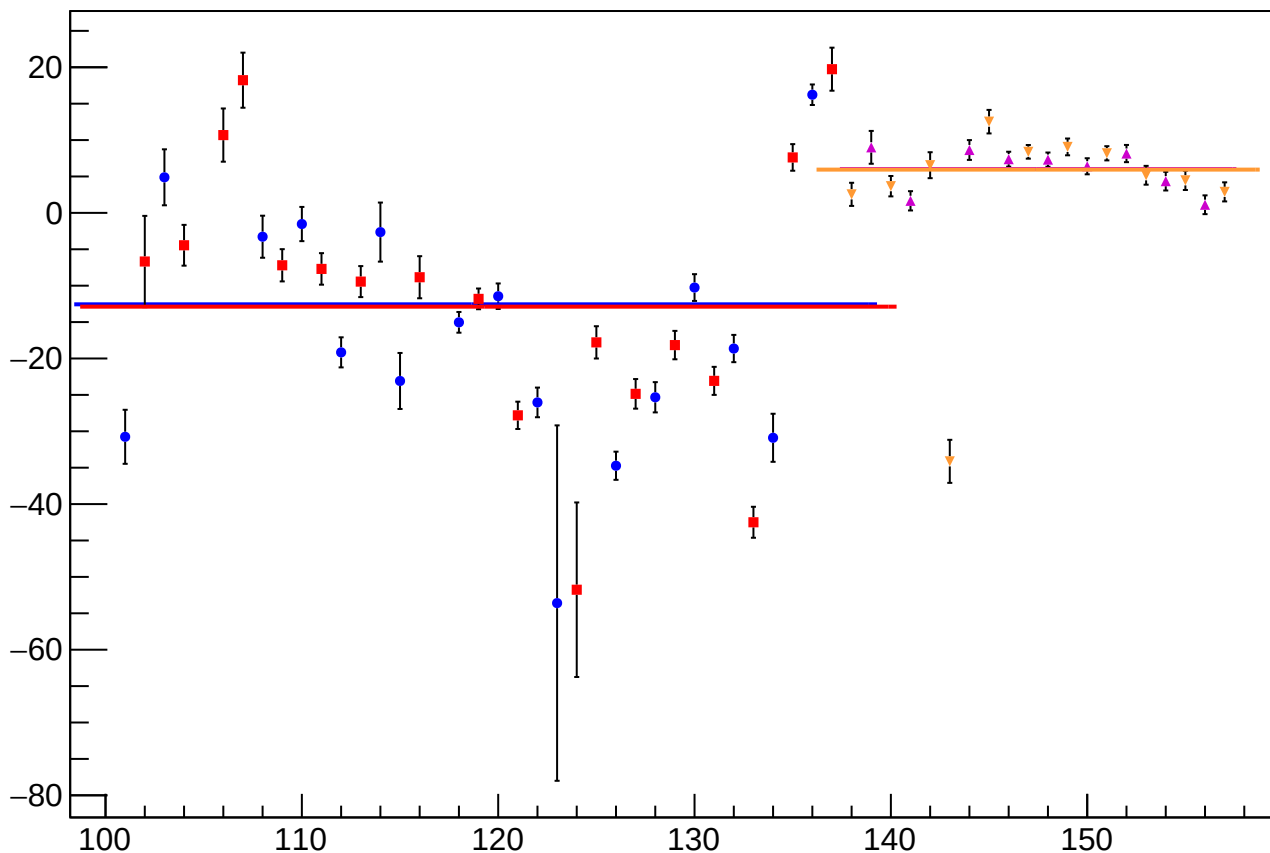
Right: -52.337+/-0.609 χ^2/NDF : 2344.4/34

In: -15.416+/-0.416 χ^2/NDF : 3842.9/25

Out: -15.641+/-0.412 χ^2/NDF : 6375.1/28

All: -15.530+/-0.293 χ^2/NDF : 10218.2/54

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.943 ± 0.395 χ^2/NDF : 234.1/10

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.027 ± 0.406 χ^2/NDF : 39.3/8

Left: 5.984 ± 0.283 χ^2/NDF : 273.4/19

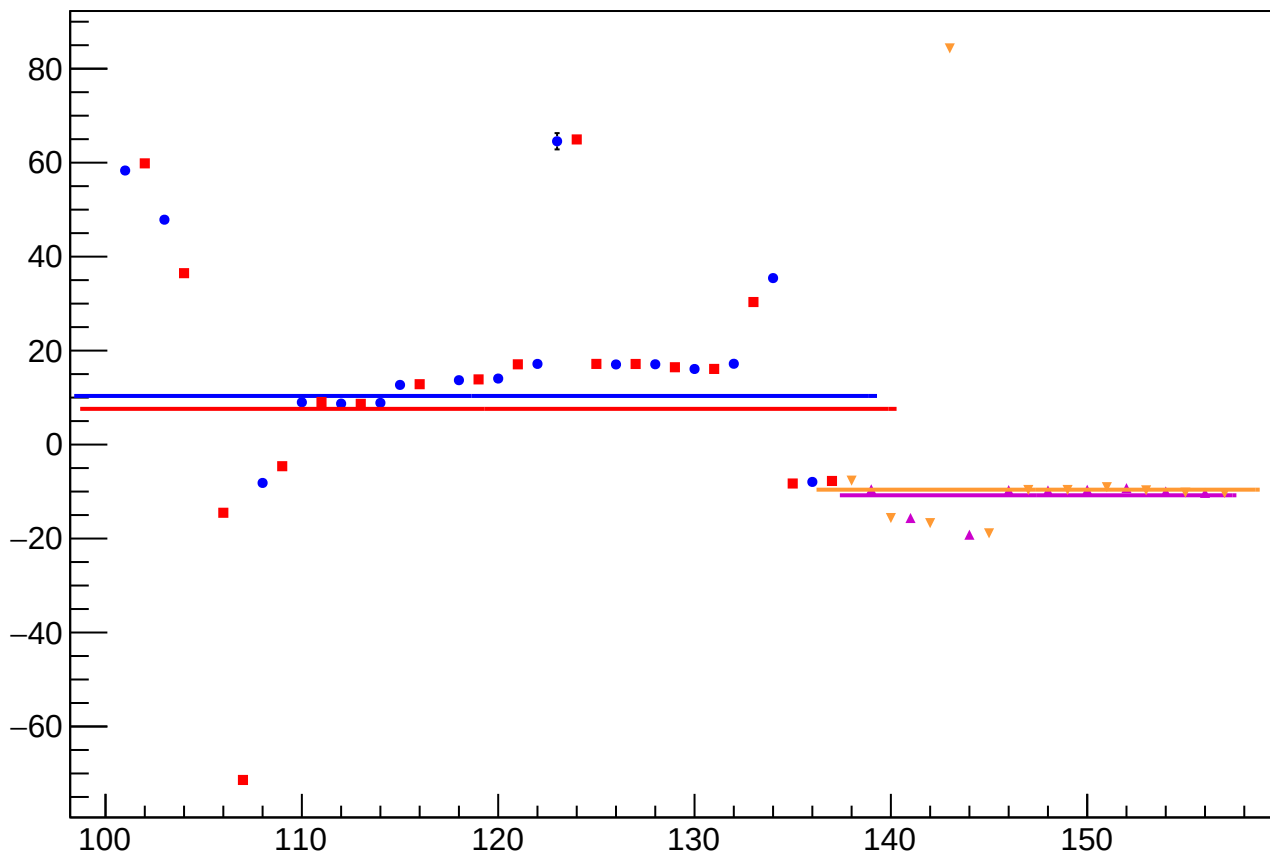
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.828 ± 0.323 χ^2/NDF : 1591.0/25

Out: -0.648 ± 0.318 χ^2/NDF : 1755.5/28

All: -0.737 ± 0.227 χ^2/NDF : 3346.6/54

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.598+/-0.019 χ^2/NDF :407629.0/10

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.794+/-0.019 χ^2/NDF :20827.7/8

Left: -10.192+/-0.013 χ^2/NDF : 430509.3/19

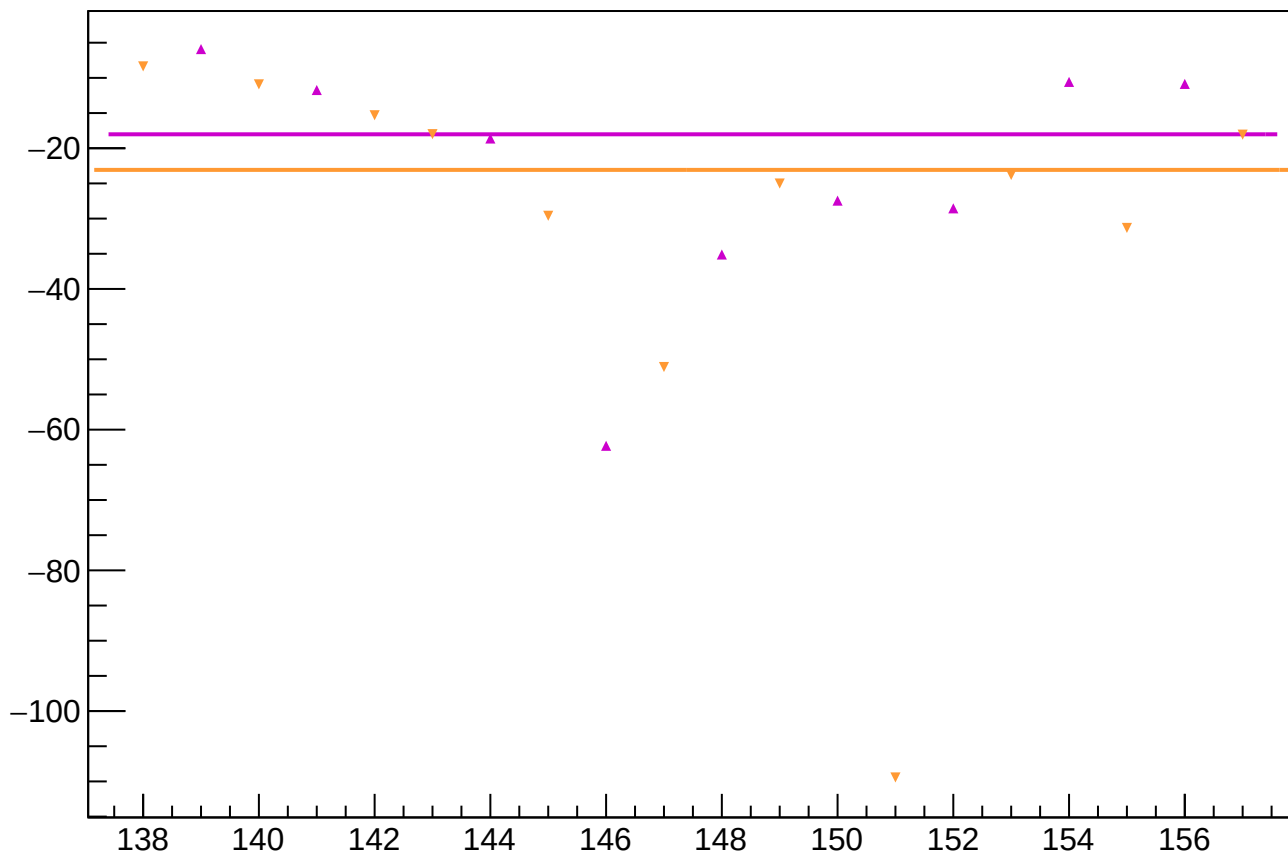
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -5.031+/-0.016 χ^2/NDF :749474.1/25

Out: -5.106+/-0.016 χ^2/NDF :1169292.6/28

All: -5.069+/-0.011 χ^2/NDF : 1918777.7/54

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -23.077 $\pm$ 0.081 χ^2/NDF :50345.2/10

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -18.019 $\pm$ 0.071 χ^2/NDF :36050.6/8

Left: -20.232 $\pm$ 0.053 χ^2/NDF : 88612.0/19

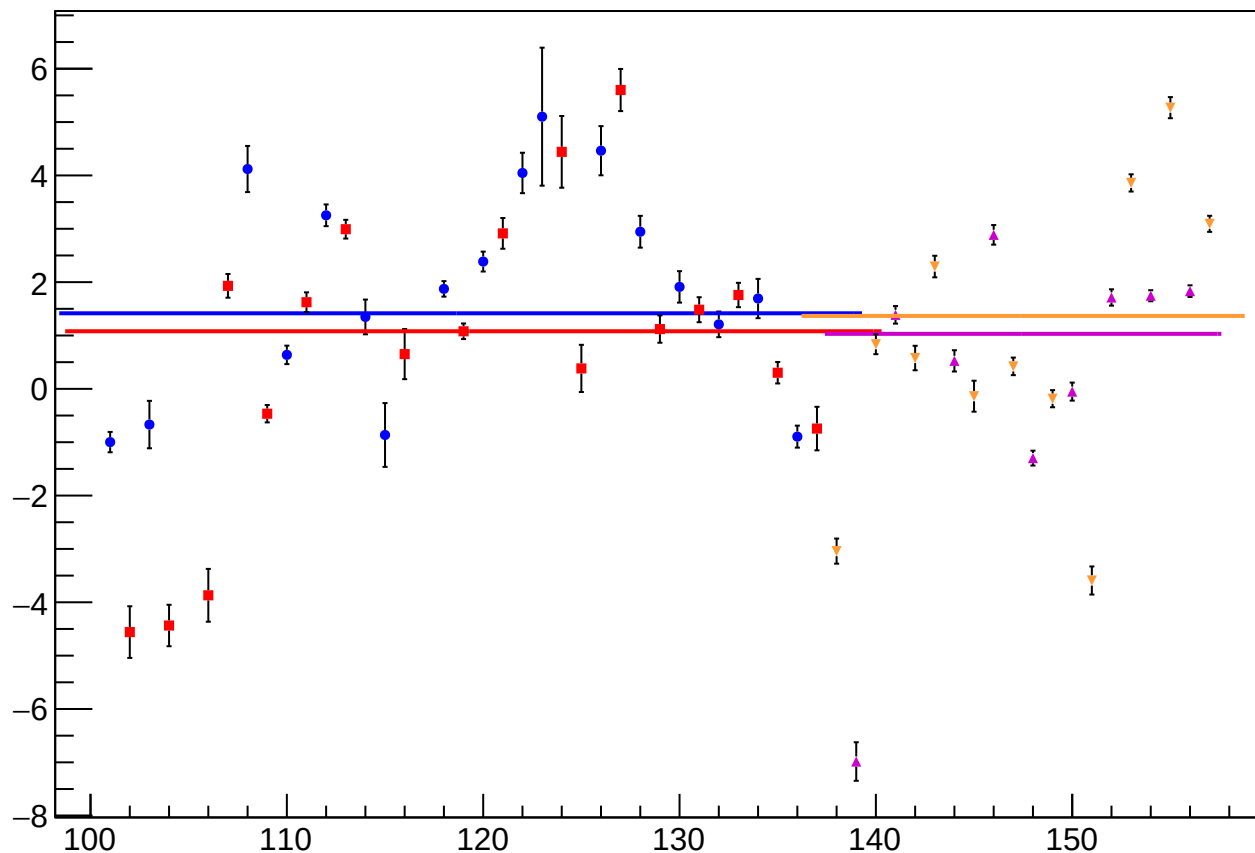
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -18.019 $\pm$ 0.071 χ^2/NDF :36050.6/8

Out: -23.077 $\pm$ 0.081 χ^2/NDF :50345.2/10

All: -20.232 $\pm$ 0.053 χ^2/NDF : 88612.0/19

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.367 ± 0.058 χ^2/NDF : 1659.2/10

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.031 ± 0.050 χ^2/NDF : 1046.6/8

Left: 1.174 ± 0.038 χ^2/NDF : 2725.3/19

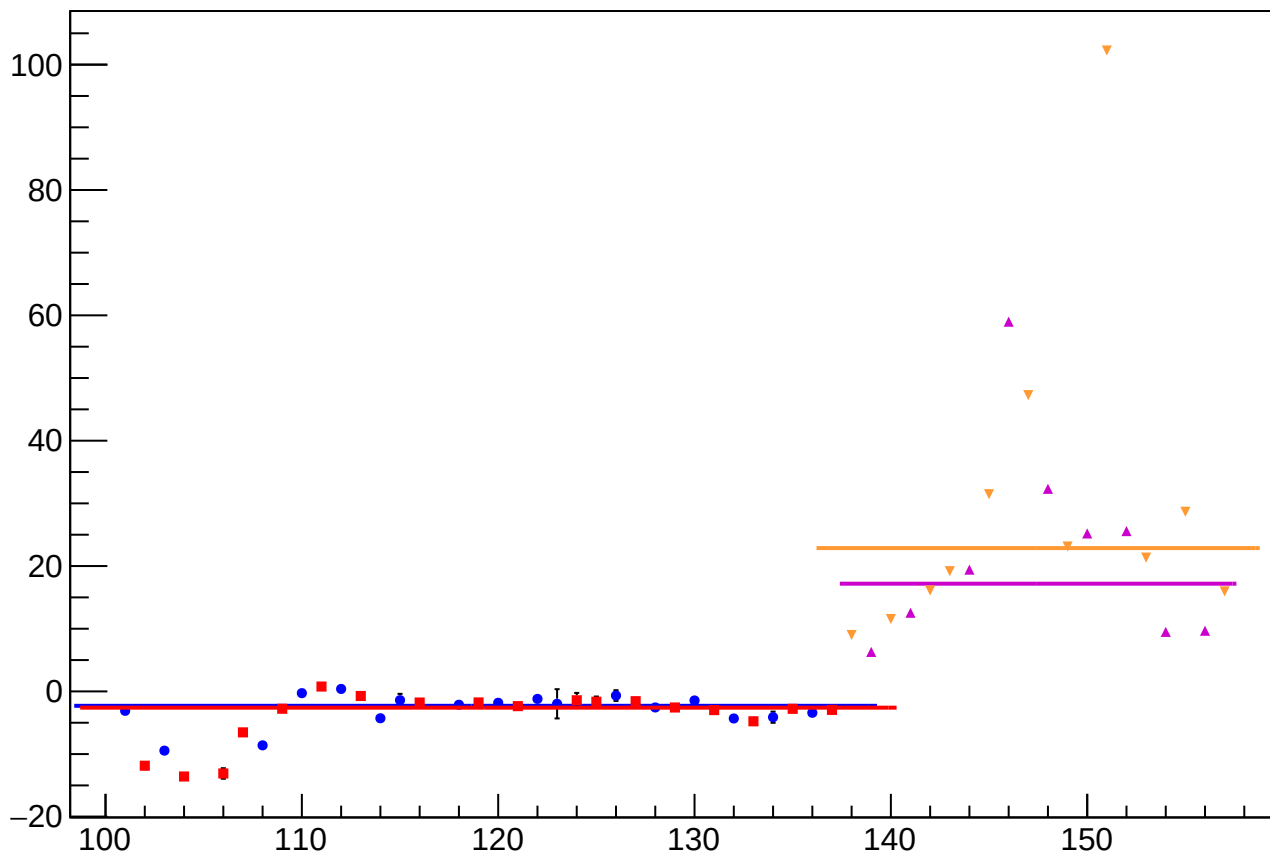
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.184 ± 0.039 χ^2/NDF : 1701.7/25

Out: 1.225 ± 0.041 χ^2/NDF : 2587.6/28

All: 1.203 ± 0.028 χ^2/NDF : 4289.9/54

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.867 ± 0.080 χ^2/NDF : 45454.7/10

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.185 ± 0.069 χ^2/NDF : 33996.6/8

Left: 19.610 ± 0.052 χ^2/NDF : 82369.7/19

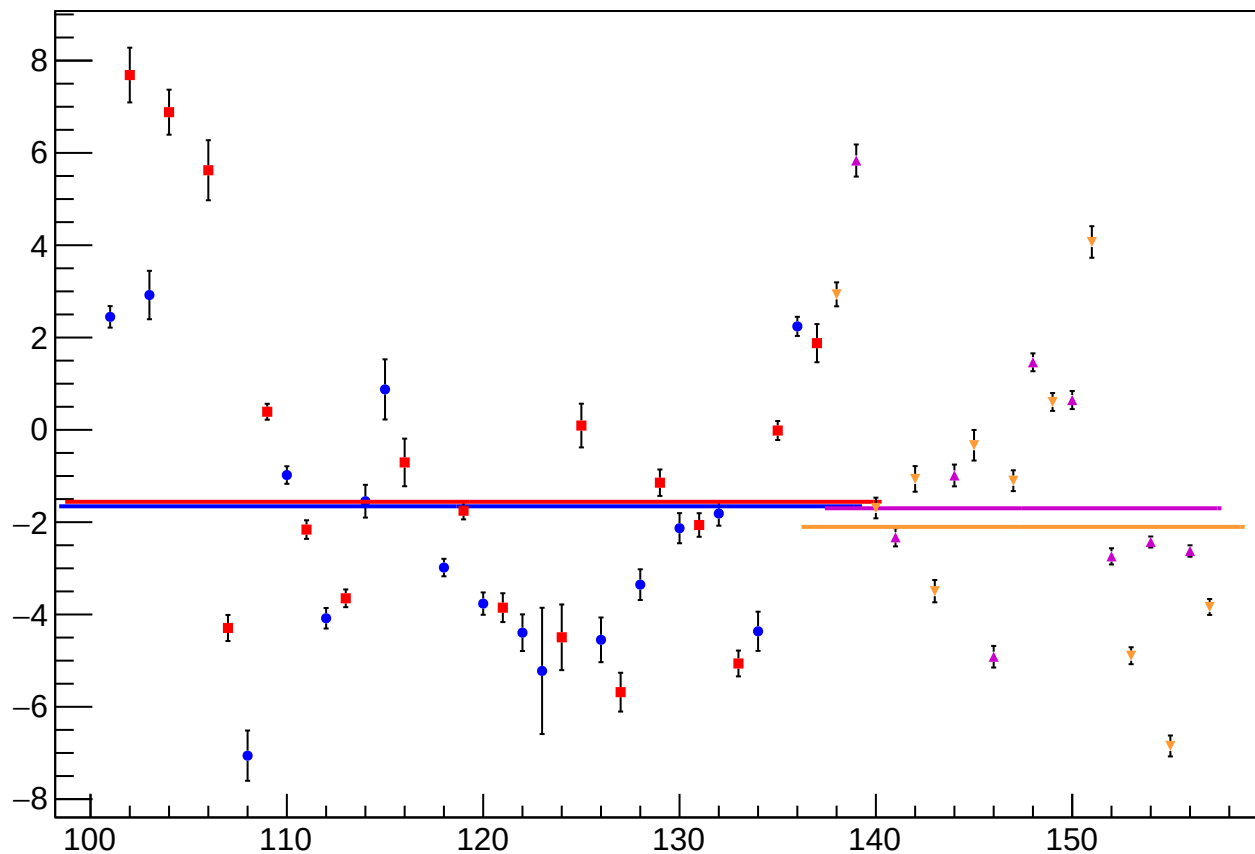
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 11.775 ± 0.058 χ^2/NDF : 56758.9/25

Out: 12.898 ± 0.062 χ^2/NDF : 86370.2/28

All: 12.302 ± 0.043 χ^2/NDF : 143302.5/54

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -2.102 ± 0.069 $\chi^2/\text{NDF}: 1767.2/10$

Right Out: -1.558 ± 0.066 $\chi^2/\text{NDF}: 1484.7/17$

Left In: -1.699 ± 0.059 $\chi^2/\text{NDF}: 1215.1/8$

Left: -1.869 ± 0.045 $\chi^2/\text{NDF}: 3002.2/19$

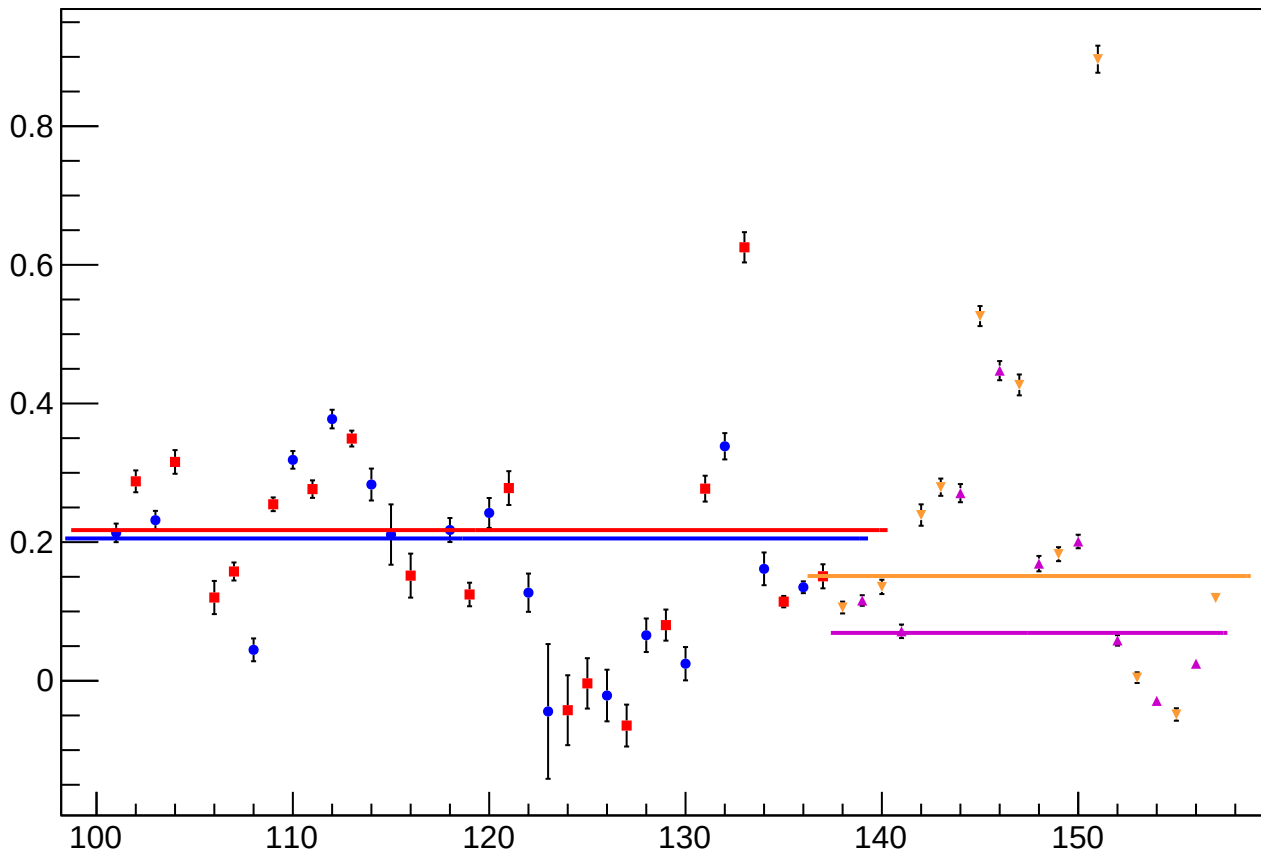
Right: -1.604 ± 0.048 $\chi^2/\text{NDF}: 2756.9/34$

In: -1.681 ± 0.045 $\chi^2/\text{NDF}: 2486.4/25$

Out: -1.818 ± 0.047 $\chi^2/\text{NDF}: 3284.7/28$

All: -1.746 ± 0.033 $\chi^2/\text{NDF}: 5775.5/54$

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: 0.151 ± 0.003 χ^2/NDF : 3527.8/10

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.069 ± 0.003 χ^2/NDF : 1770.0/8

Left: 0.102 ± 0.002 χ^2/NDF : 5732.0/19

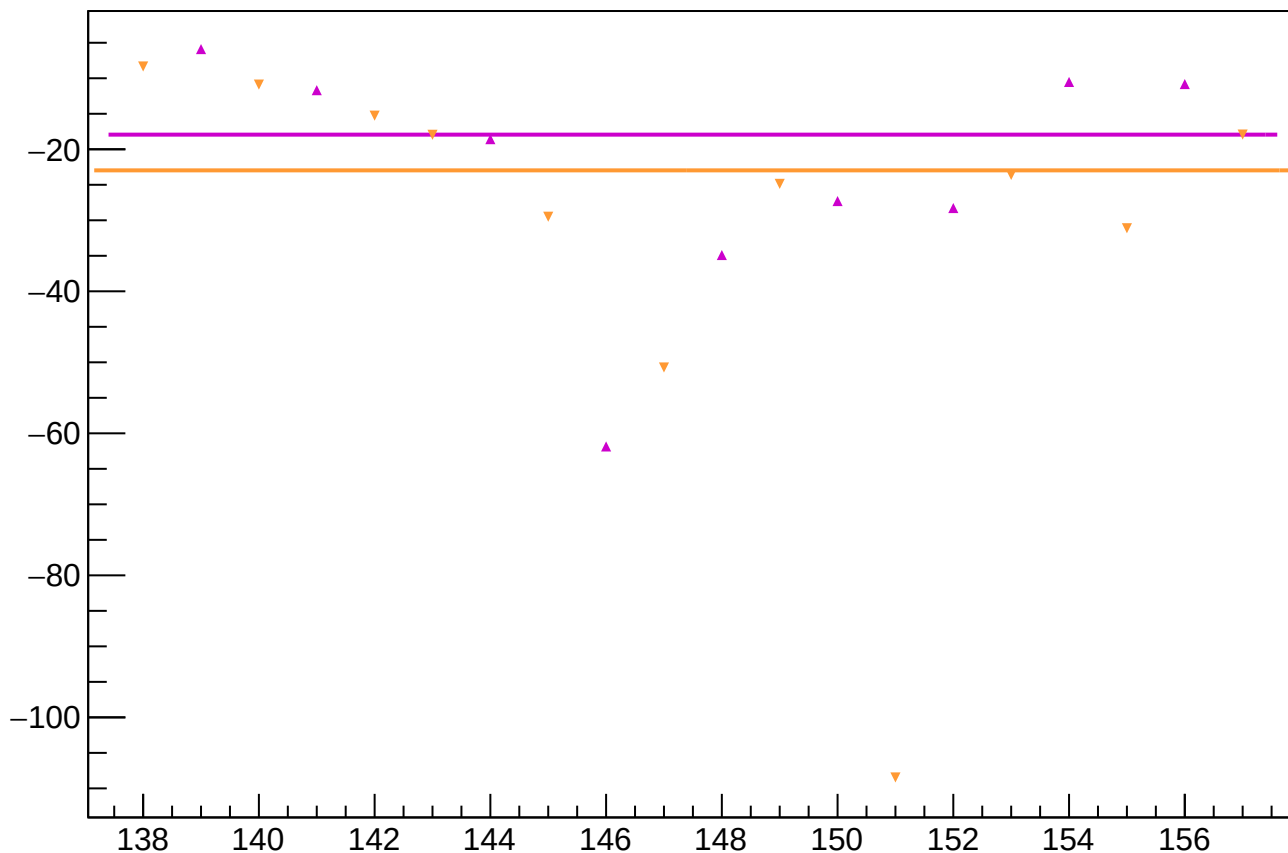
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.106 ± 0.002 χ^2/NDF : 3183.6/25

Out: 0.178 ± 0.002 χ^2/NDF : 4737.9/28

All: 0.138 ± 0.002 χ^2/NDF : 8436.4/54

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.969+/-0.080 χ^2/NDF :50235.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.939+/-0.071 χ^2/NDF :35975.7/8

Left: -20.140+/-0.053 χ^2/NDF : 88429.7/19

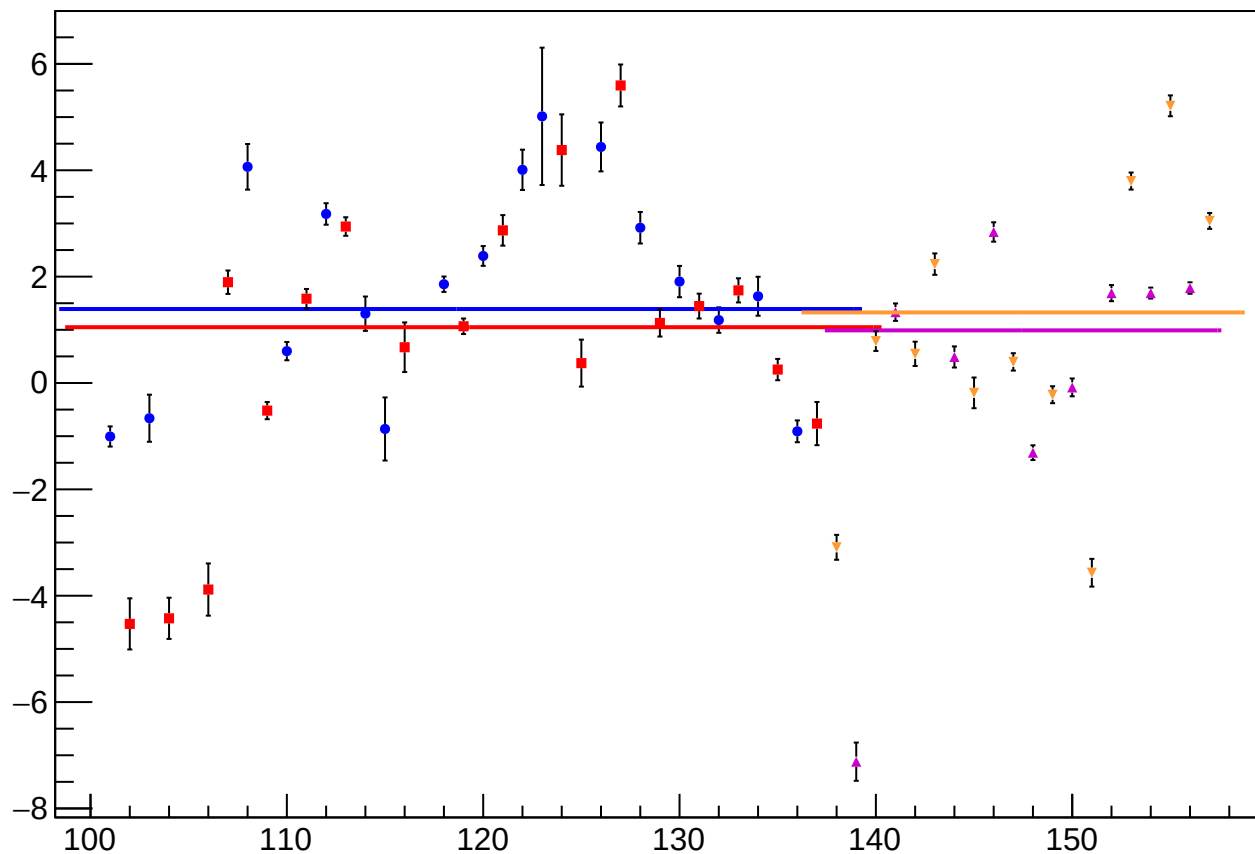
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.939+/-0.071 χ^2/NDF :35975.7/8

Out: -22.969+/-0.080 χ^2/NDF :50235.2/10

All: -20.140+/-0.053 χ^2/NDF : 88429.7/19

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.327 $\pm$ 0.057 χ^2 /NDF:1663.8/10

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 0.989 $\pm$ 0.049 χ^2 /NDF:1060.6/8

Left: 1.133 $\pm$ 0.037 χ^2 /NDF: 2744.3/19

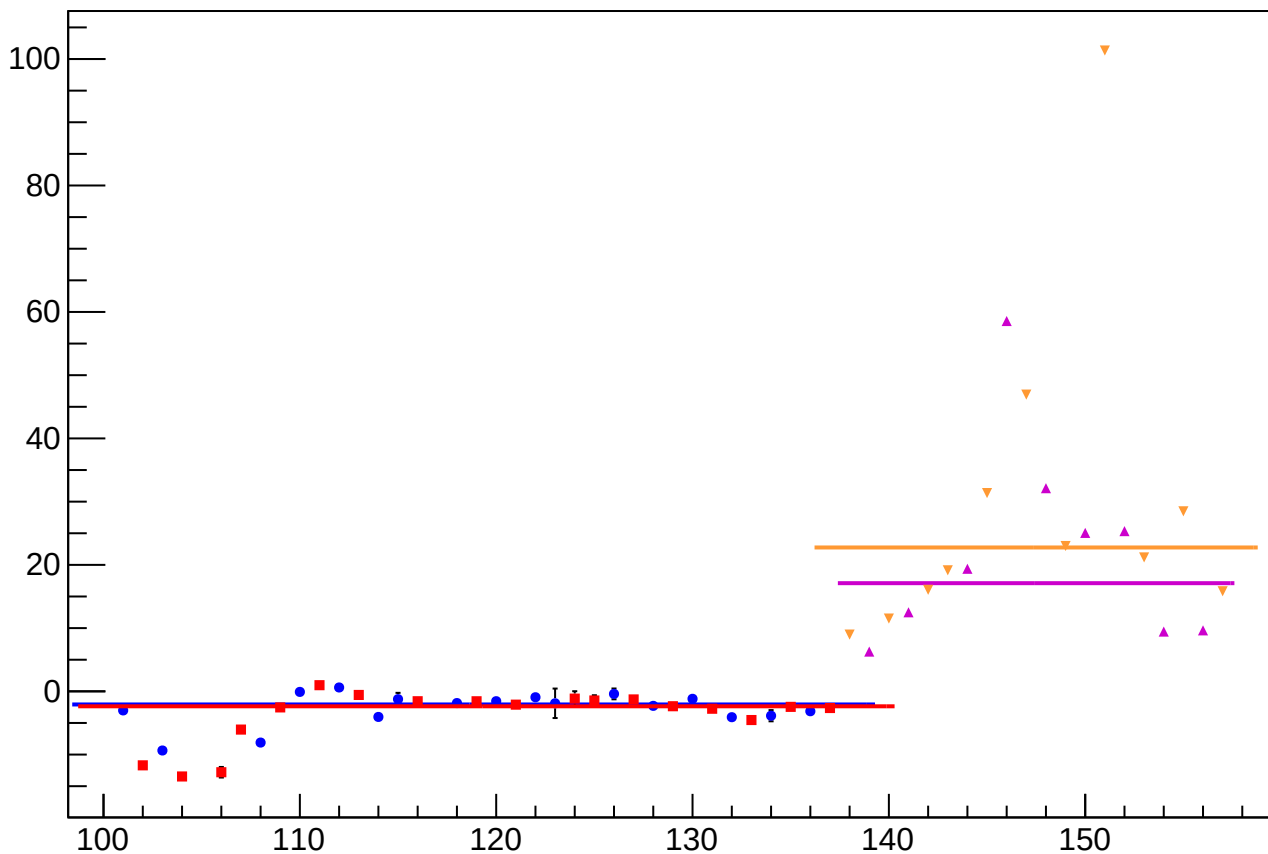
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.148 $\pm$ 0.038 χ^2 /NDF:1716.0/25

Out: 1.189 $\pm$ 0.041 χ^2 /NDF:2595.2/28

All: 1.168 $\pm$ 0.028 χ^2 /NDF: 4311.8/54

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.752 ± 0.079 χ^2/NDF : 45370.5/10

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.106 ± 0.068 χ^2/NDF : 33932.2/8

Left: 19.516 ± 0.052 χ^2/NDF : 82220.6/19

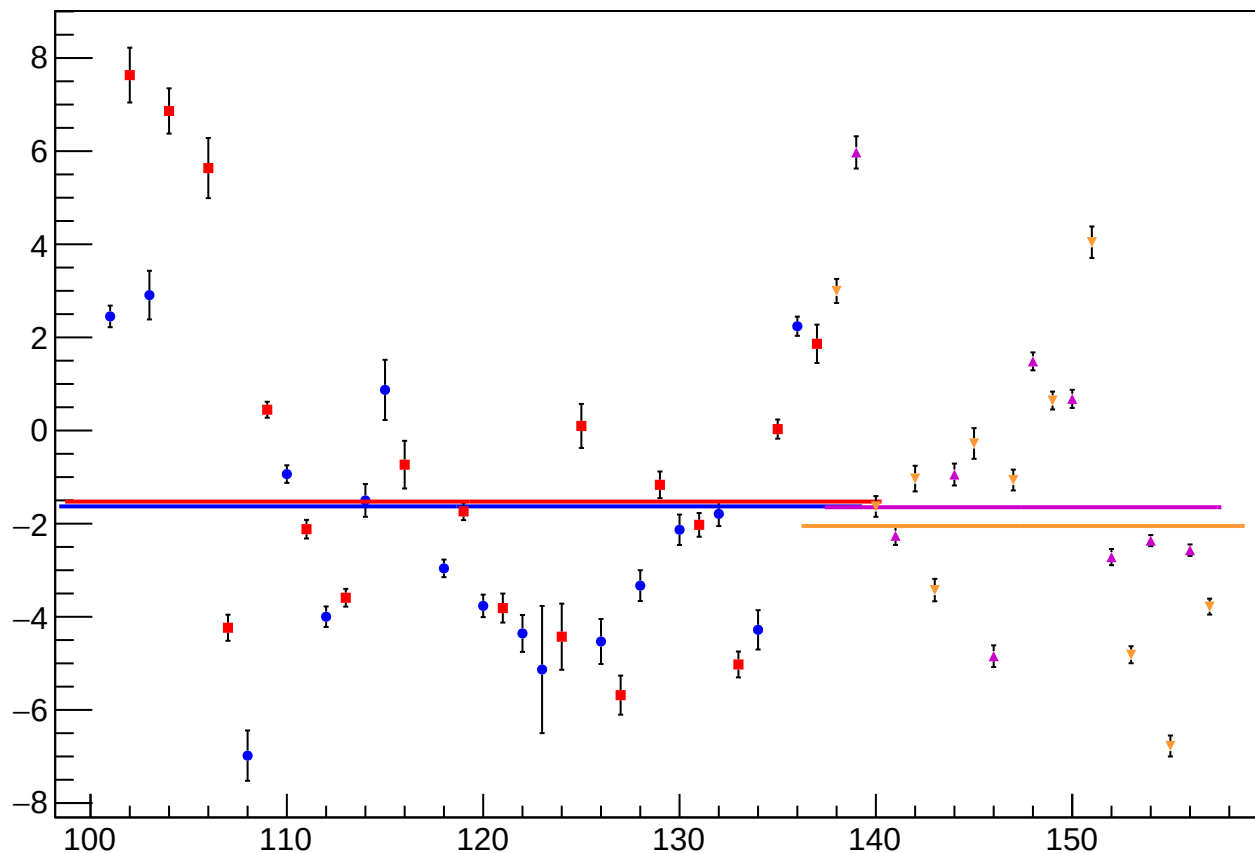
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 11.790 ± 0.058 χ^2/NDF : 56241.6/25

Out: 12.929 ± 0.062 χ^2/NDF : 85668.8/28

All: 12.325 ± 0.042 χ^2/NDF : 142091.0/54

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.051 ± 0.068 χ^2/NDF : 1772.9/10

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.647 ± 0.058 χ^2/NDF : 1230.9/8

Left: -1.817 ± 0.044 χ^2/NDF : 3024.1/19

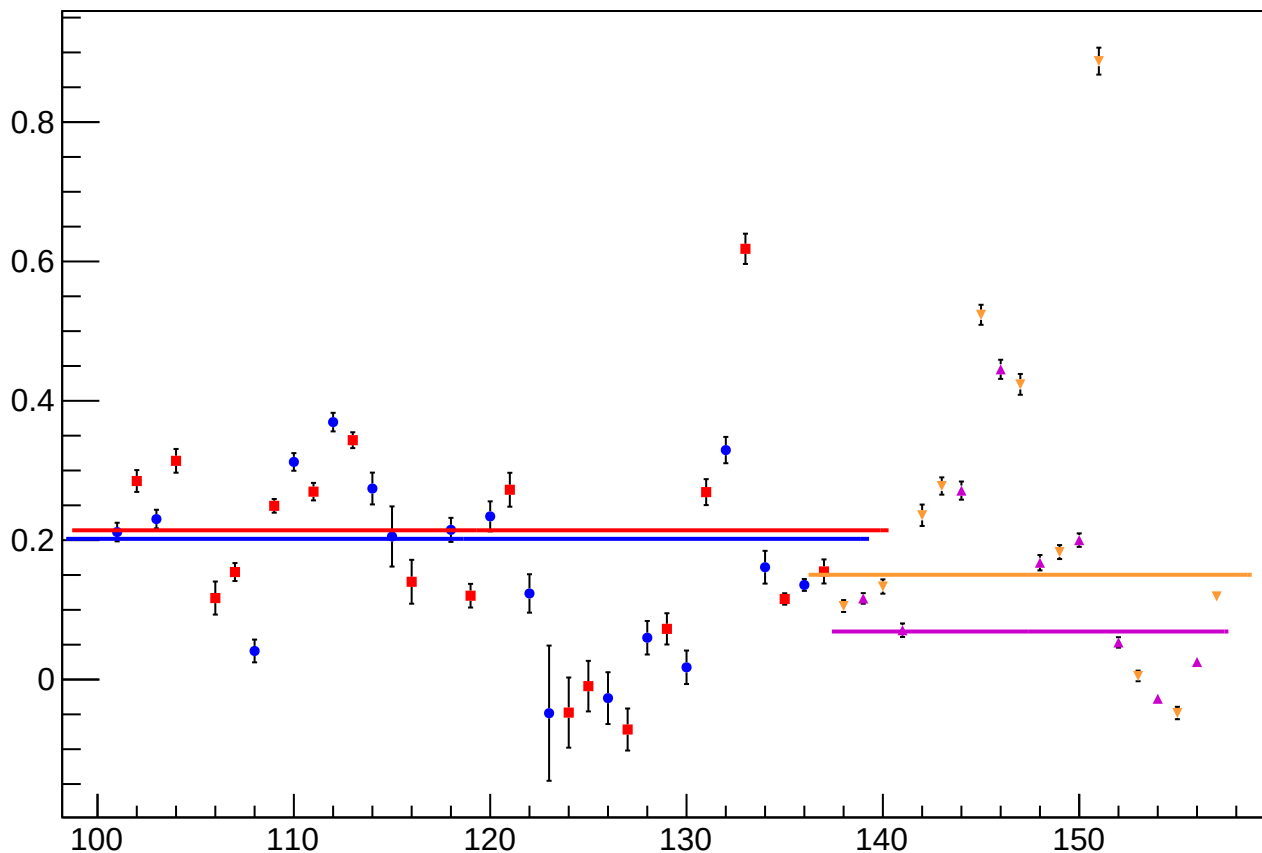
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.640 ± 0.045 χ^2/NDF : 2497.3/25

Out: -1.777 ± 0.047 χ^2/NDF : 3291.9/28

All: -1.705 ± 0.033 χ^2/NDF : 5793.7/54

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: 0.150 $\pm$ 0.003 χ^2 /NDF:3518.0/10

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:1771.2/8

Left: 0.102 $\pm$ 0.002 χ^2 /NDF: 5722.4/19

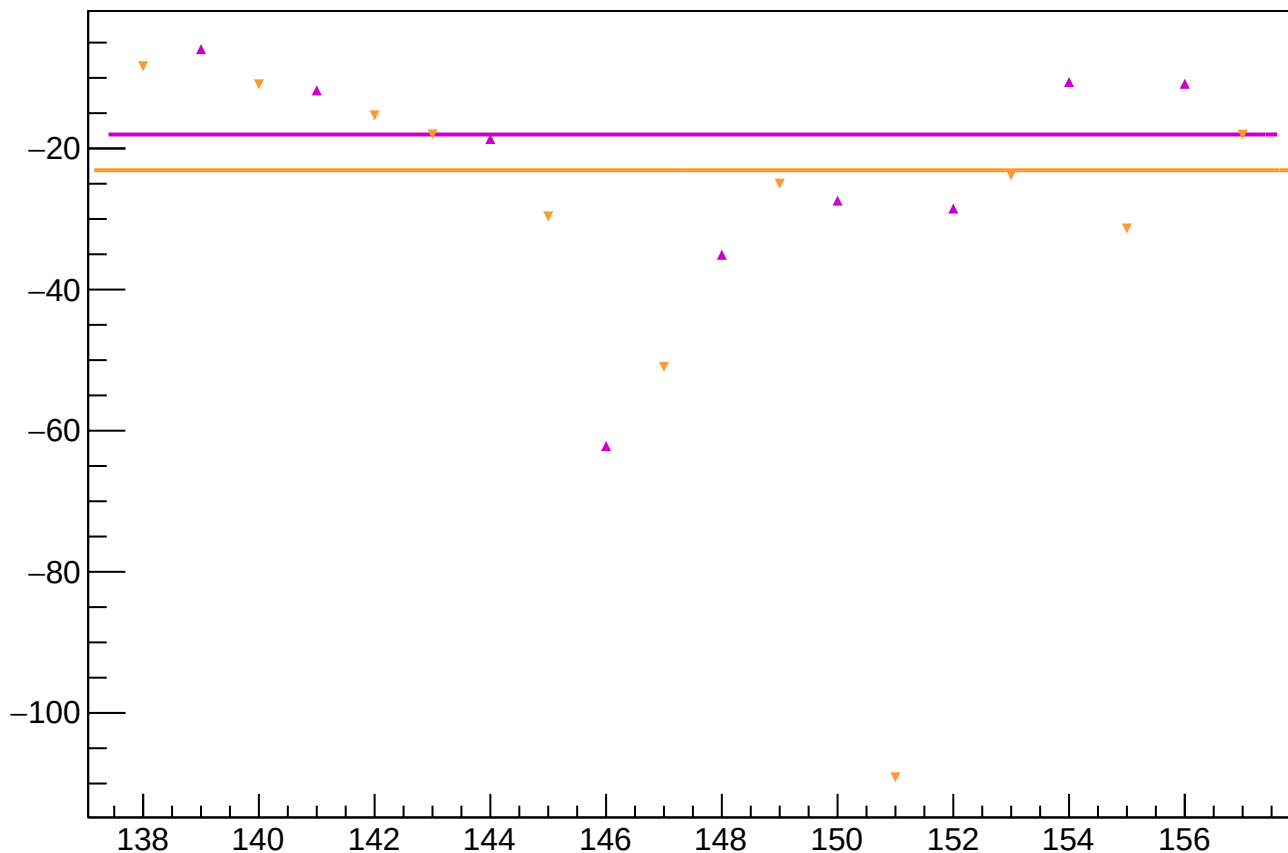
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.104 $\pm$ 0.002 χ^2 /NDF:3139.8/25

Out: 0.176 $\pm$ 0.002 χ^2 /NDF:4698.7/28

All: 0.137 $\pm$ 0.002 χ^2 /NDF: 8349.7/54

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.092+/-0.080 χ^2/NDF : 50347.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.023+/-0.071 χ^2/NDF : 36067.5/8

Left: -20.239+/-0.053 χ^2/NDF : 88648.5/19

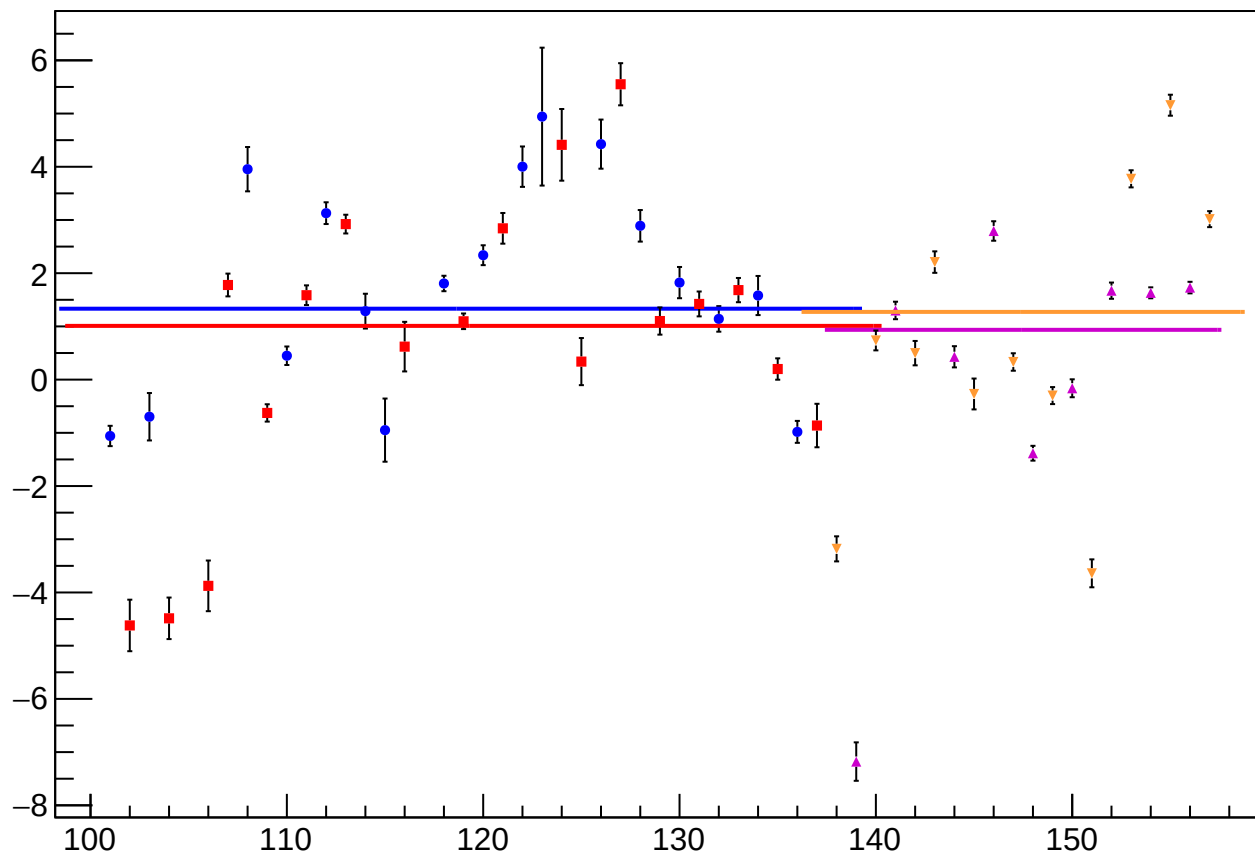
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.023+/-0.071 χ^2/NDF : 36067.5/8

Out: -23.092+/-0.080 χ^2/NDF : 50347.1/10

All: -20.239+/-0.053 χ^2/NDF : 88648.5/19

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.273 ± 0.058 χ^2/NDF : 1671.3/10

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.936 ± 0.050 χ^2/NDF : 1060.8/8

Left: 1.079 ± 0.038 χ^2/NDF : 2751.8/19

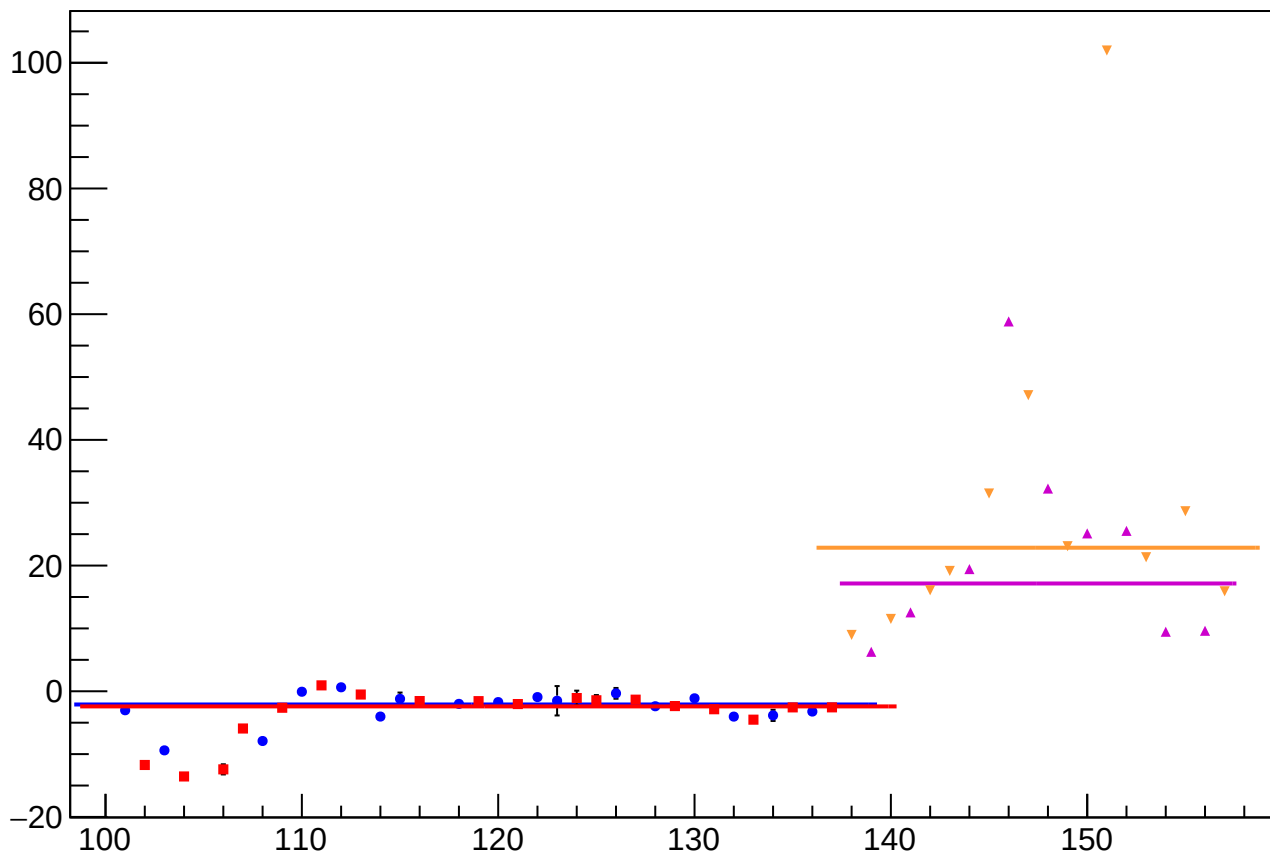
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.093 ± 0.038 χ^2/NDF : 1720.8/25

Out: 1.142 ± 0.041 χ^2/NDF : 2611.9/28

All: 1.116 ± 0.028 χ^2/NDF : 4333.5/54

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 22.842 ± 0.079 $\chi^2/\text{NDF}: 45461.9/10$

Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$

Left In: 17.149 ± 0.069 $\chi^2/\text{NDF}: 34032.0/8$

Left: 19.578 ± 0.052 $\chi^2/\text{NDF}: 82435.3/19$

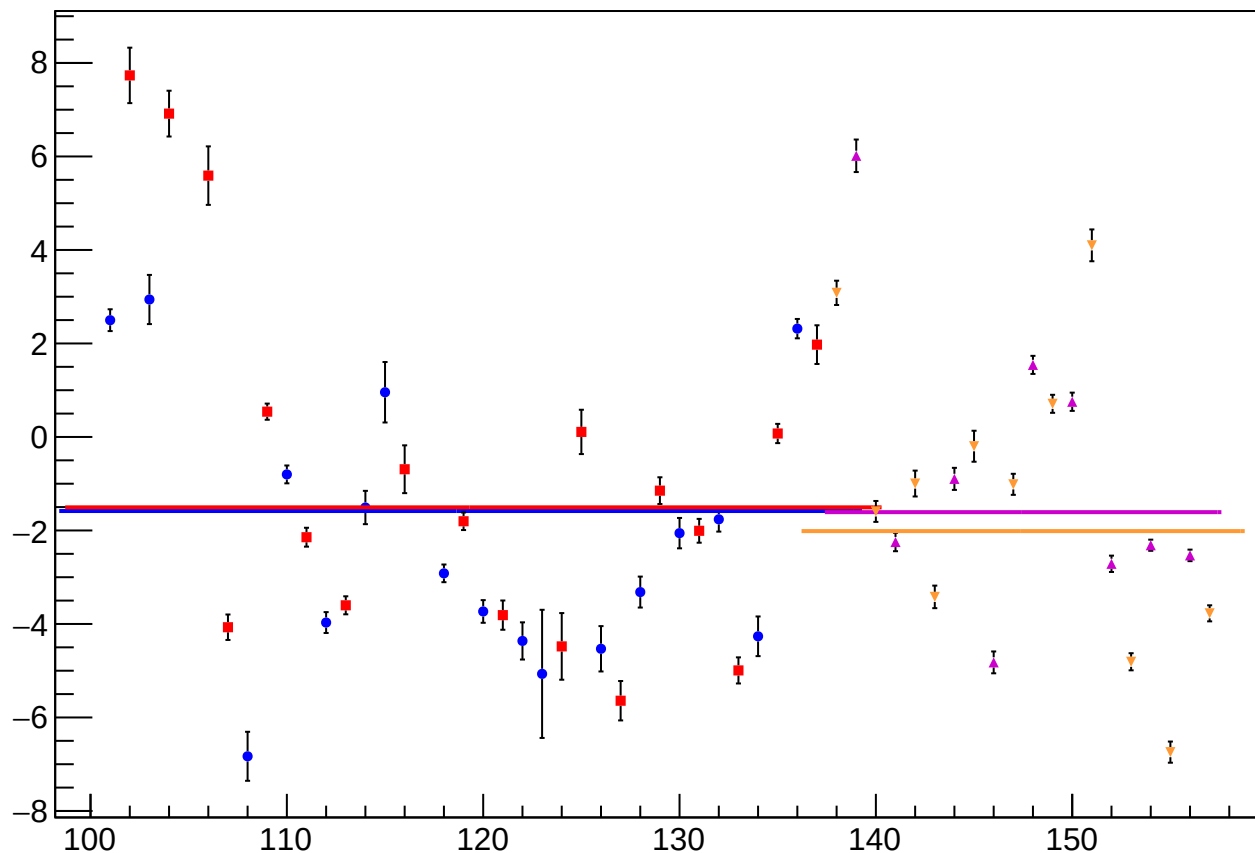
Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$

In: 11.825 ± 0.058 $\chi^2/\text{NDF}: 56286.3/25$

Out: 12.972 ± 0.062 $\chi^2/\text{NDF}: 85796.2/28$

All: 12.363 ± 0.042 $\chi^2/\text{NDF}: 142264.2/54$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.014 ± 0.069 χ^2/NDF : 1781.7/10

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.608 ± 0.059 χ^2/NDF : 1232.0/8

Left: -1.779 ± 0.045 χ^2/NDF : 3033.9/19

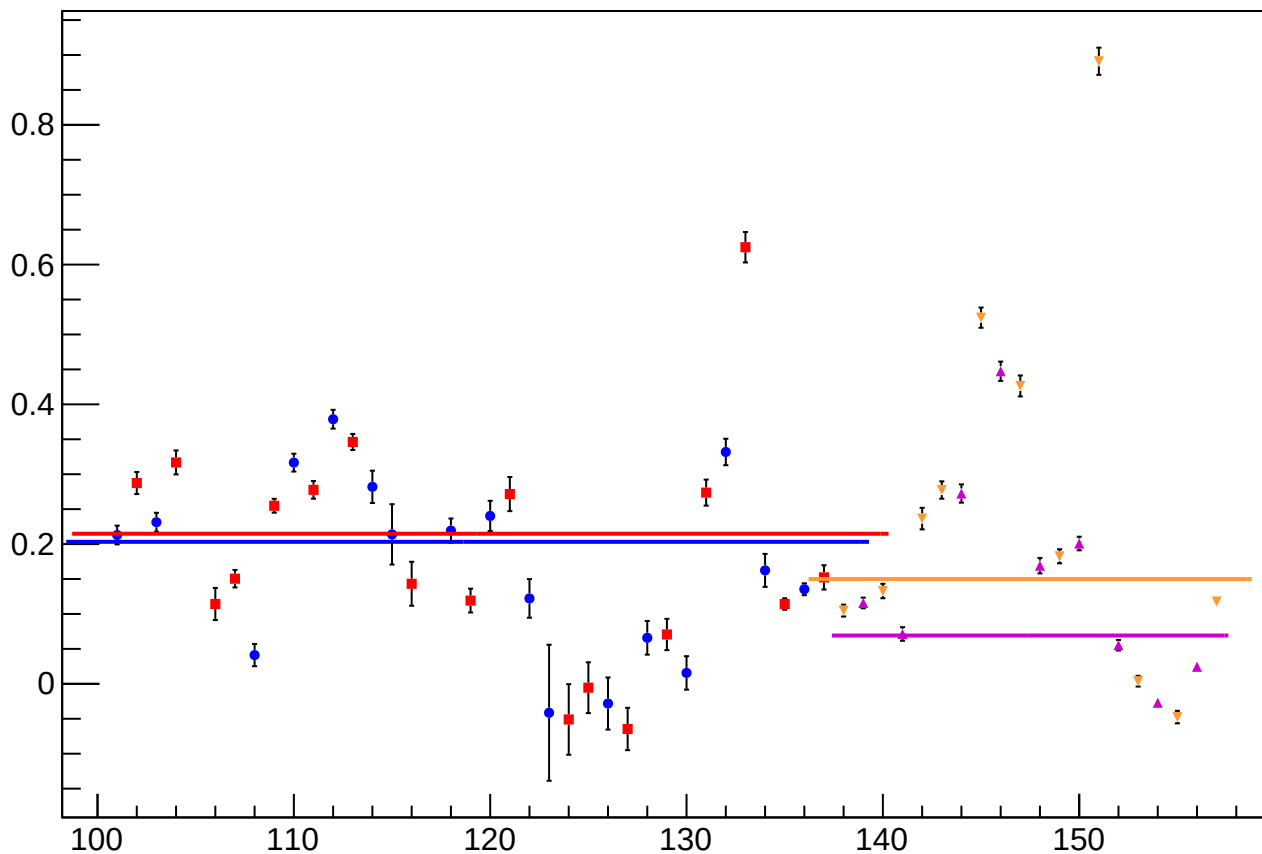
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.598 ± 0.045 χ^2/NDF : 2504.2/25

Out: -1.748 ± 0.047 χ^2/NDF : 3310.2/28

All: -1.670 ± 0.033 χ^2/NDF : 5819.7/54

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.150 $\pm$ 0.003 χ^2 /NDF:3512.9/10

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:1770.0/8

Left: 0.102 $\pm$ 0.002 χ^2 /NDF: 5705.7/19

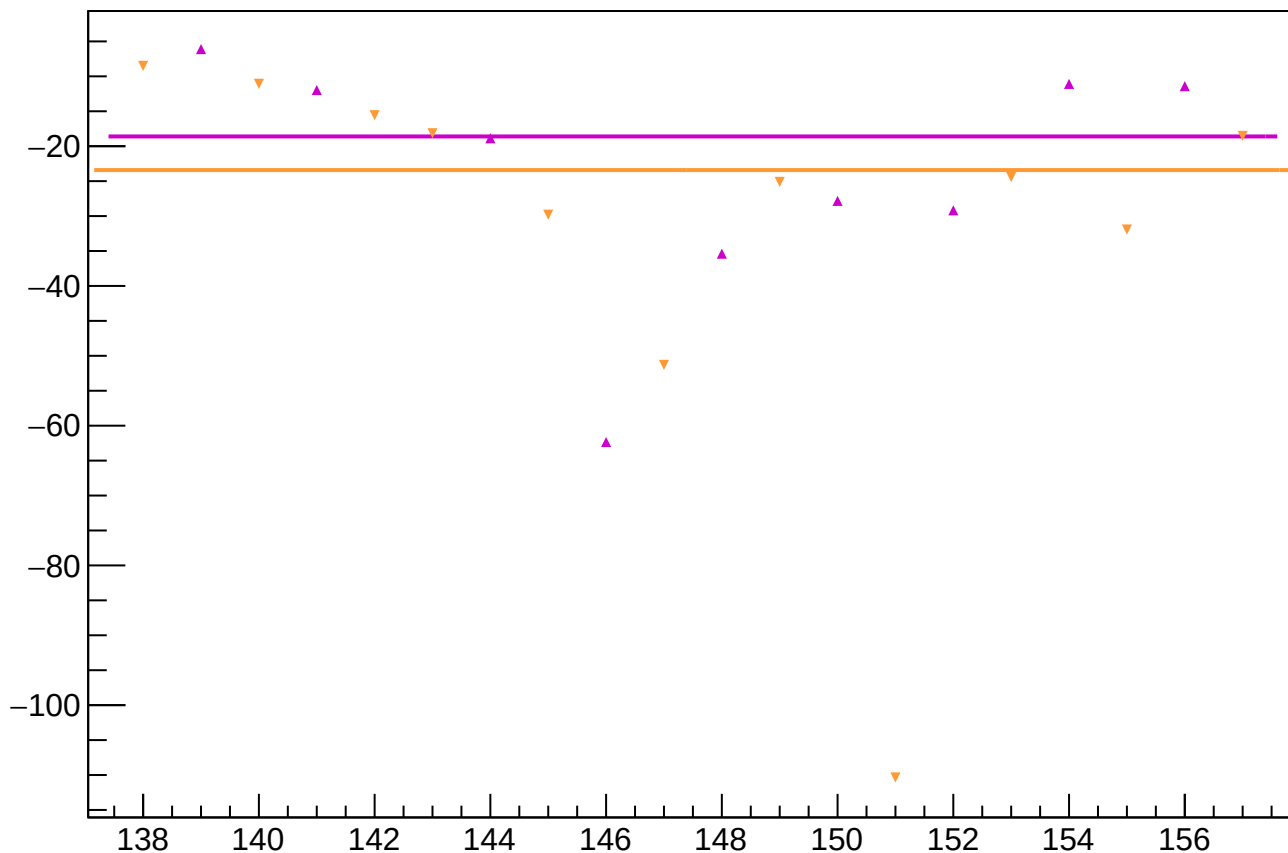
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.105 $\pm$ 0.002 χ^2 /NDF:3173.9/25

Out: 0.176 $\pm$ 0.002 χ^2 /NDF:4729.7/28

All: 0.137 $\pm$ 0.002 χ^2 /NDF: 8404.8/54

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.417+/-0.082 χ^2/NDF :50200.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.604+/-0.073 χ^2/NDF :35080.8/8

Left: -20.733+/-0.054 χ^2/NDF : 87223.6/19

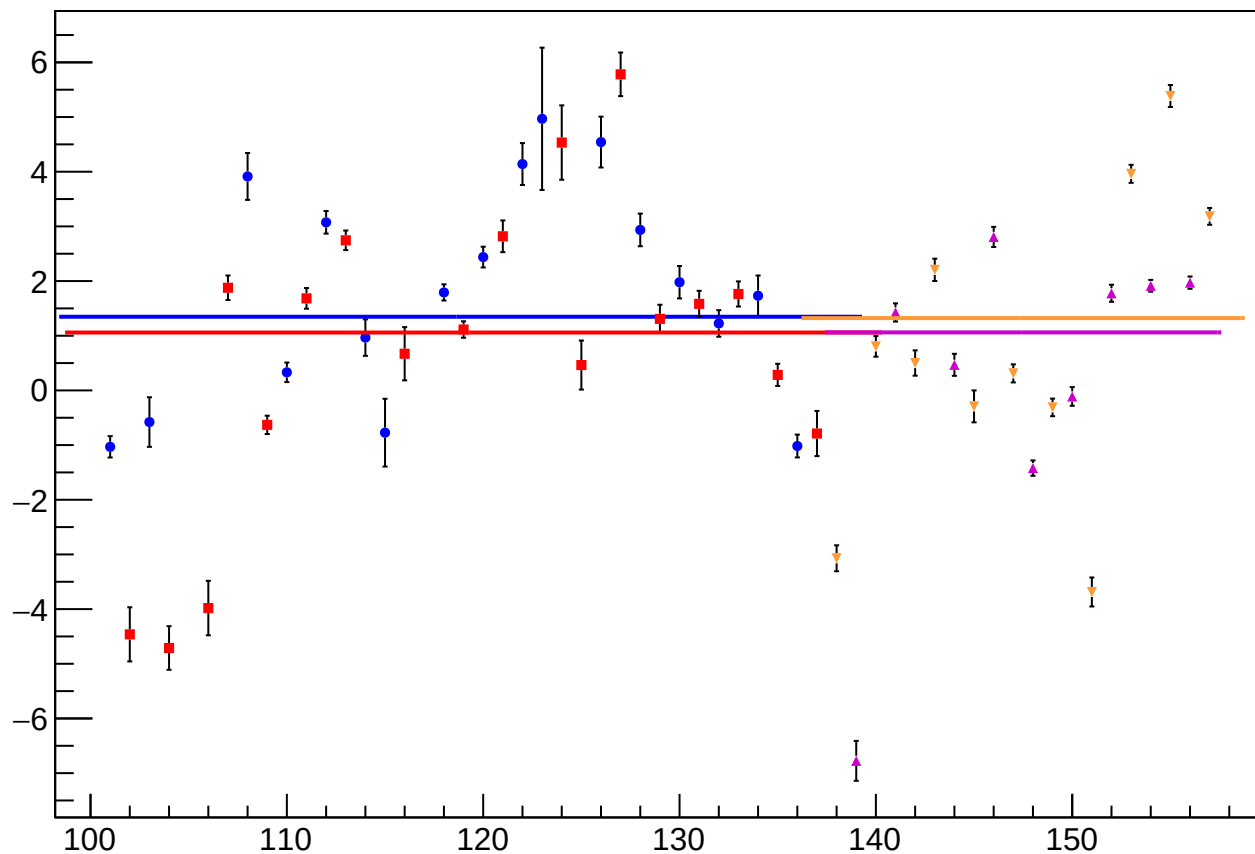
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.604+/-0.073 χ^2/NDF :35080.8/8

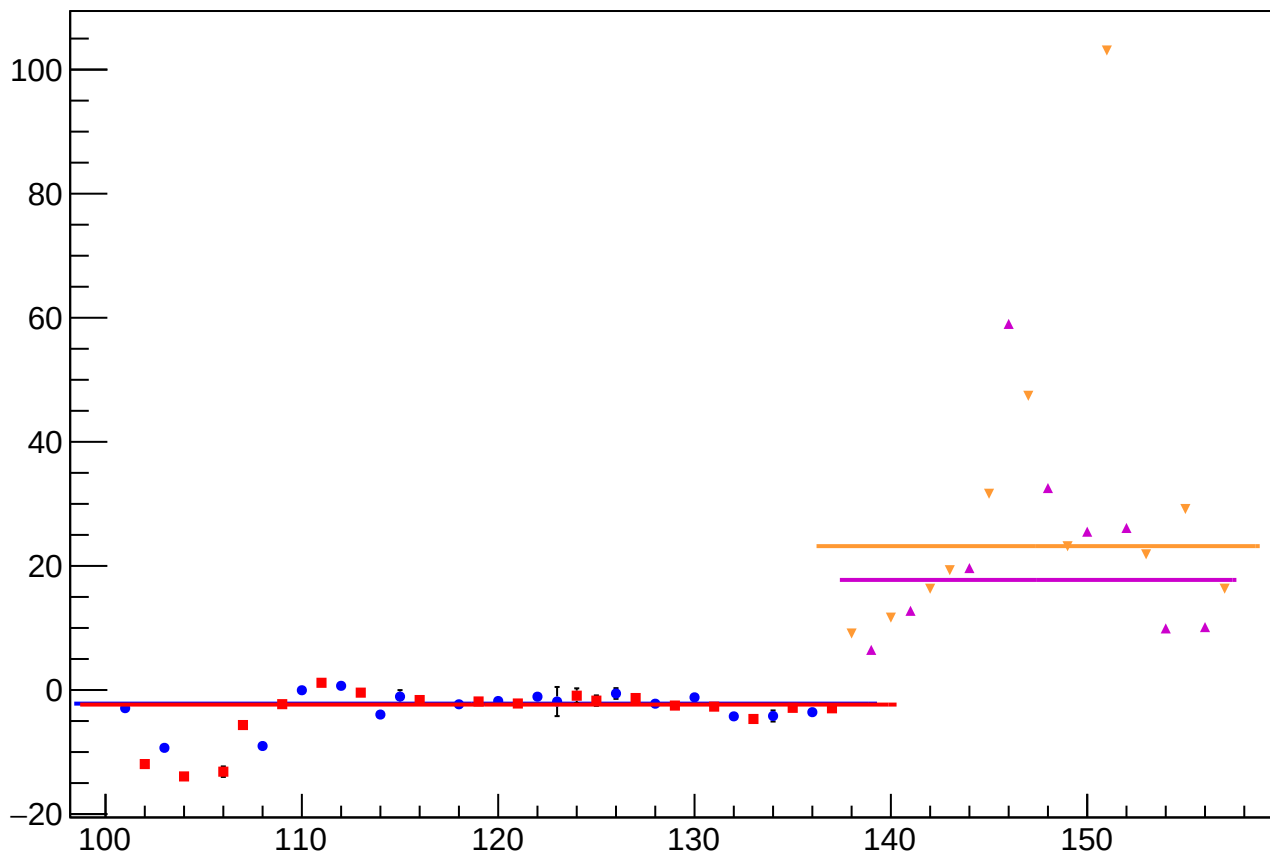
Out: -23.417+/-0.082 χ^2/NDF :50200.3/10

All: -20.733+/-0.054 χ^2/NDF : 87223.6/19

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



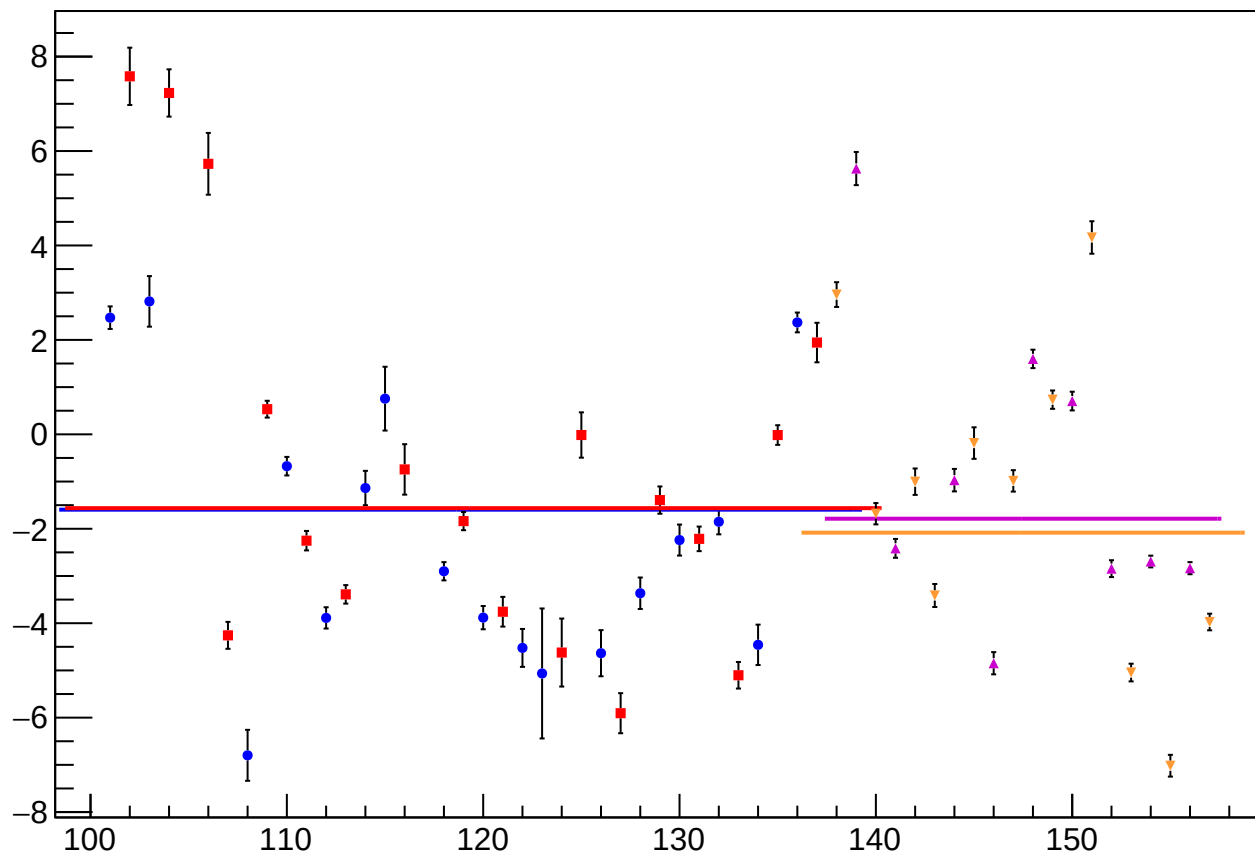
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16
 Left Out: 23.189 ± 0.081 χ^2/NDF : 45240.4/10
 Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17
 Left In: 17.744 ± 0.070 χ^2/NDF : 32944.4/8

Left: 20.096 ± 0.053 χ^2/NDF : 80775.1/19
 Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34
 In: 12.170 ± 0.060 χ^2/NDF : 55896.2/25
 Out: 13.287 ± 0.063 χ^2/NDF : 85036.1/28
 All: 12.697 ± 0.043 χ^2/NDF : 141097.7/54

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.082 ± 0.070 χ^2/NDF : 1837.4/10

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.787 ± 0.060 χ^2/NDF : 1249.5/8

Left: -1.913 ± 0.045 χ^2/NDF : 3097.2/19

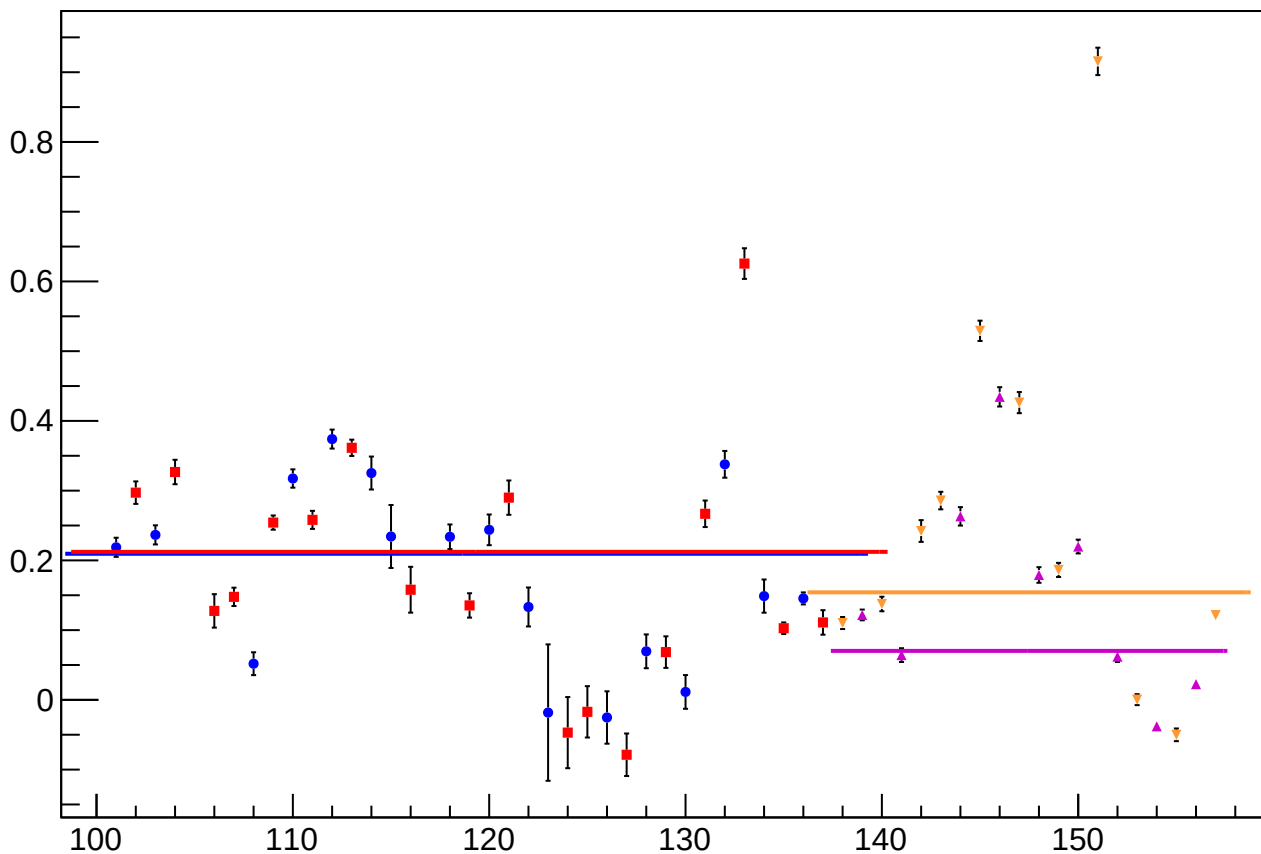
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.708 ± 0.046 χ^2/NDF : 2509.1/25

Out: -1.813 ± 0.048 χ^2/NDF : 3328.1/28

All: -1.758 ± 0.033 χ^2/NDF : 5839.7/54

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.154 ± 0.003 $\chi^2/\text{NDF}: 3575.3/10$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.070 ± 0.003 $\chi^2/\text{NDF}: 1810.2/8$

Left: 0.105 ± 0.002 $\chi^2/\text{NDF}: 5823.8/19$

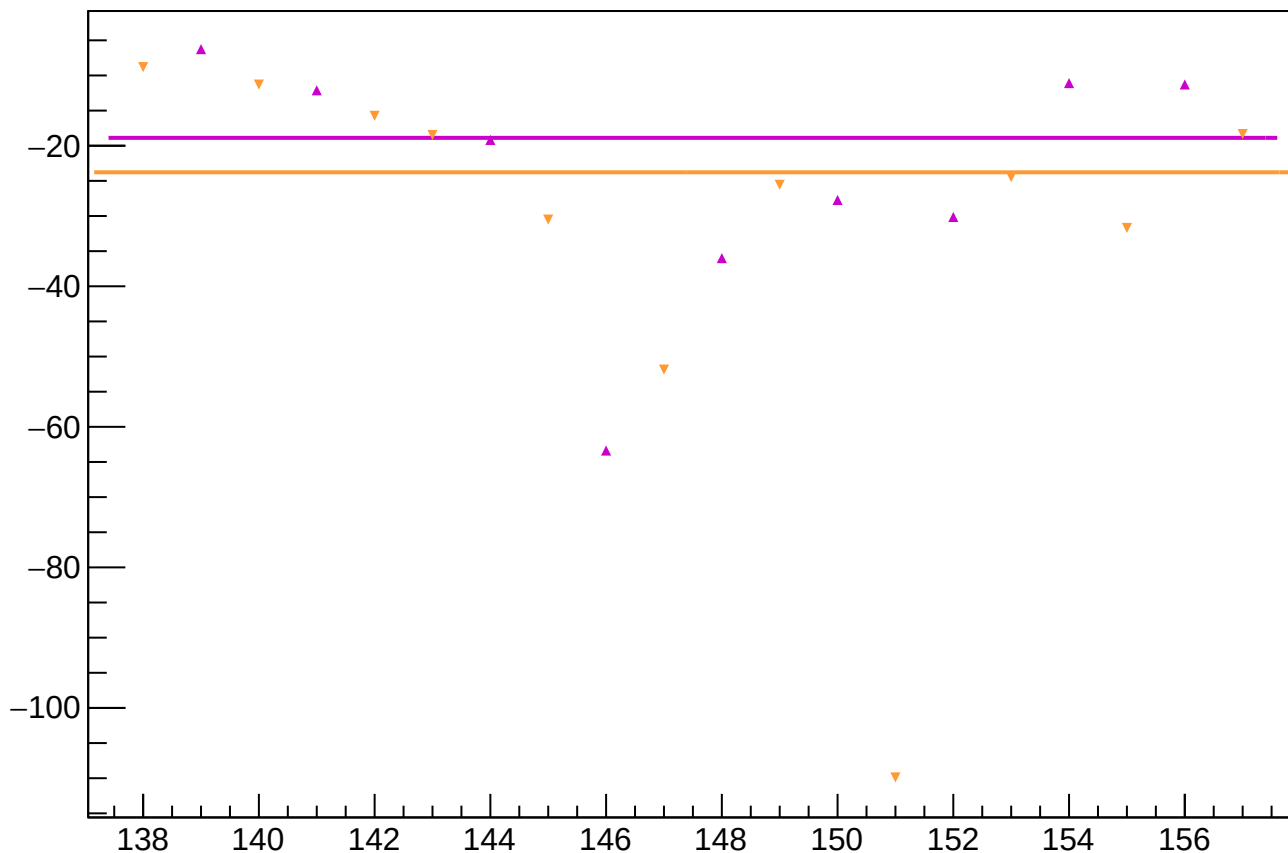
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.108 ± 0.002 $\chi^2/\text{NDF}: 3206.9/25$

Out: 0.177 ± 0.002 $\chi^2/\text{NDF}: 4814.1/28$

All: 0.140 ± 0.002 $\chi^2/\text{NDF}: 8479.8/54$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.779+/-0.083 χ^2/NDF :49495.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.877+/-0.074 χ^2/NDF :35361.0/8

Left: -21.054+/-0.055 χ^2/NDF : 86810.1/19

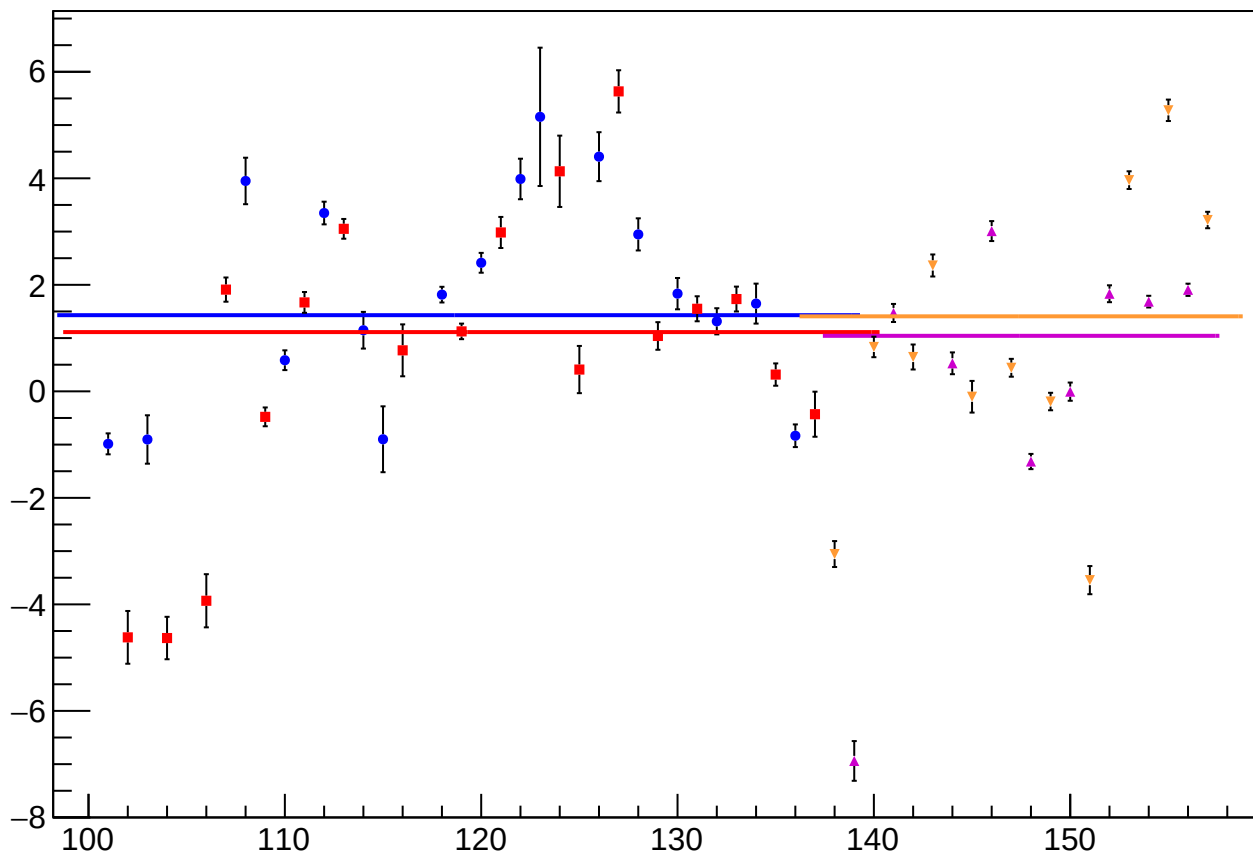
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.877+/-0.074 χ^2/NDF :35361.0/8

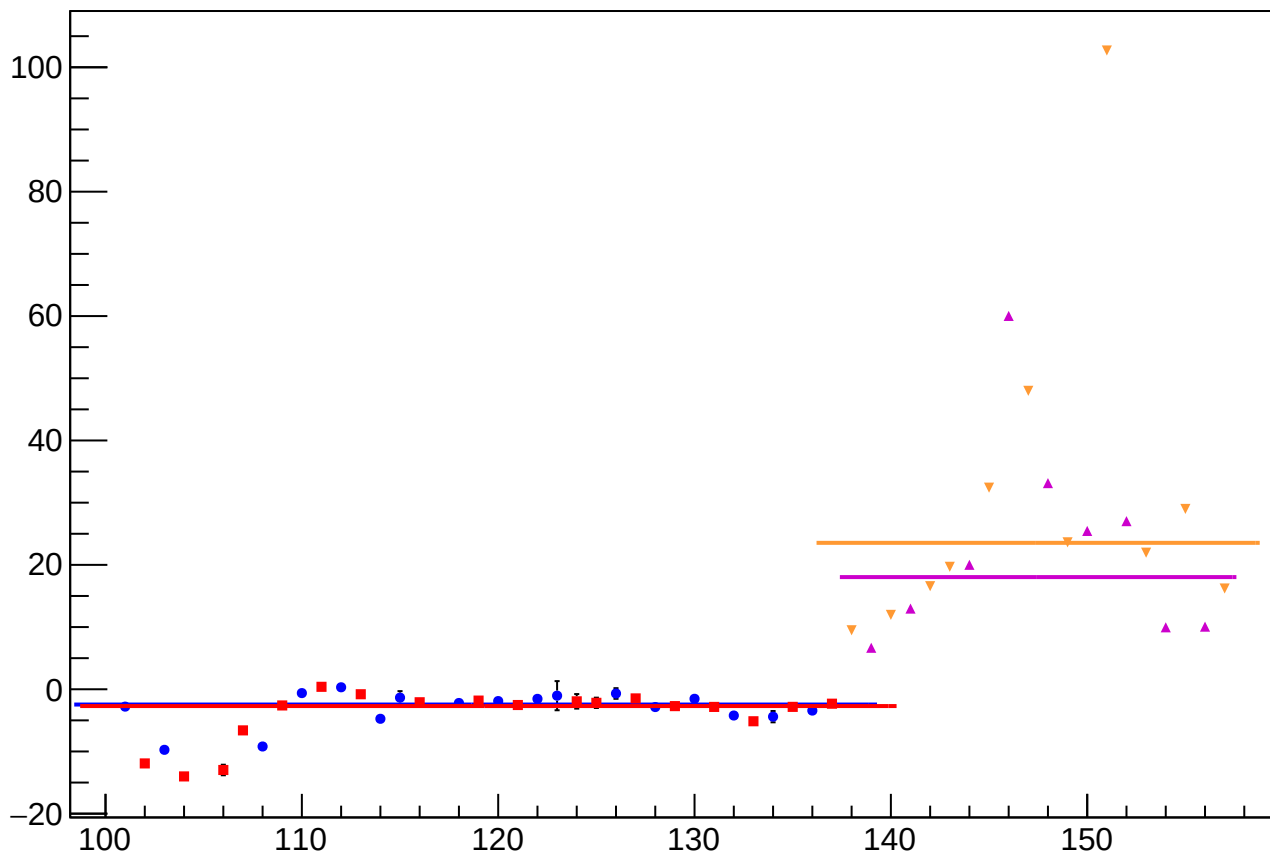
Out: -23.779+/-0.083 χ^2/NDF :49495.6/10

All: -21.054+/-0.055 χ^2/NDF : 86810.1/19

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 23.543 ± 0.082 χ^2/NDF : 44710.7/10

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.035 ± 0.072 χ^2/NDF : 33234.6/8

Left: 20.425 ± 0.054 χ^2/NDF : 80519.2/19

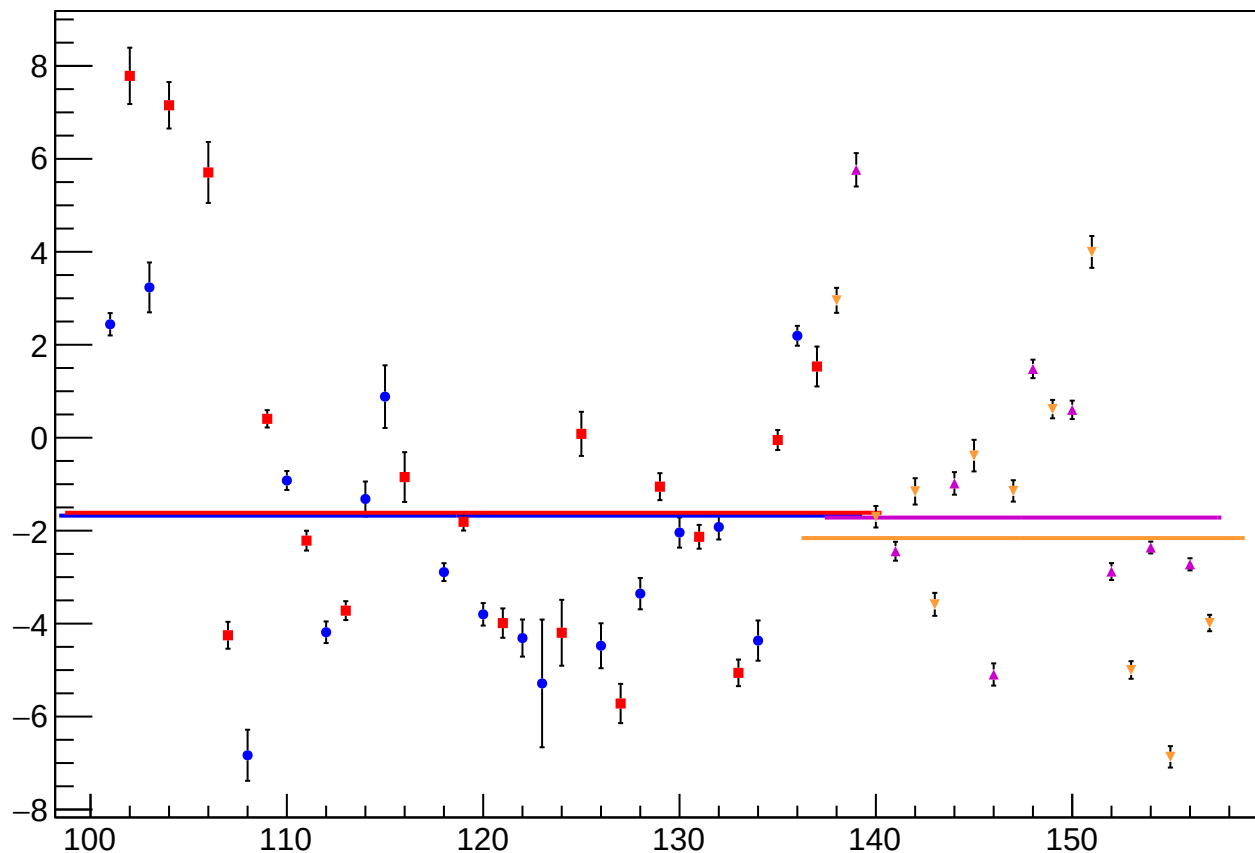
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 12.289 ± 0.061 χ^2/NDF : 56675.1/25

Out: 13.479 ± 0.064 χ^2/NDF : 85125.4/28

All: 12.851 ± 0.044 χ^2/NDF : 141982.1/54

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -2.160 ± 0.070 $\chi^2/\text{NDF}: 1725.9/10$

Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$

Left In: -1.718 ± 0.061 $\chi^2/\text{NDF}: 1177.3/8$

Left: -1.908 ± 0.046 $\chi^2/\text{NDF}: 2925.6/19$

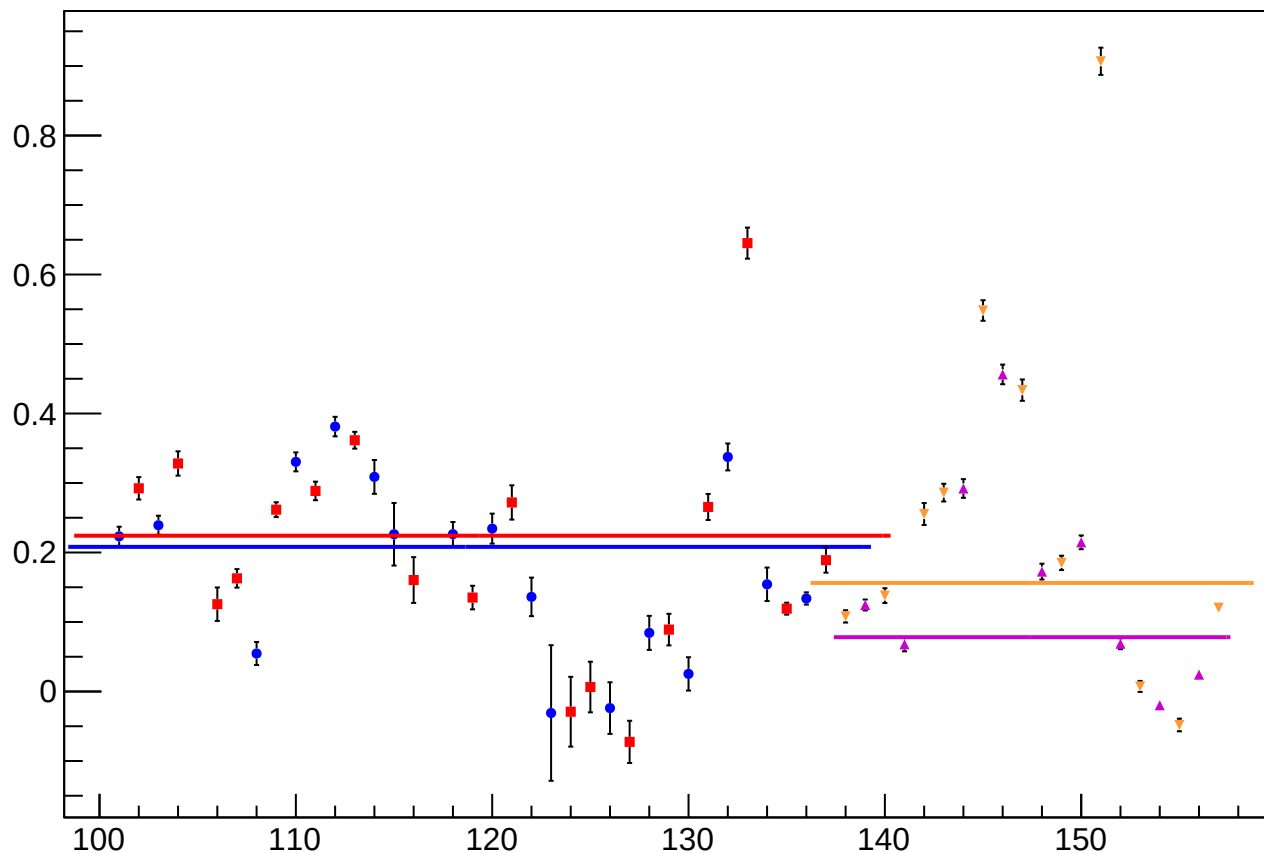
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -1.701 ± 0.047 $\chi^2/\text{NDF}: 2382.2/25$

Out: -1.878 ± 0.049 $\chi^2/\text{NDF}: 3184.3/28$

All: -1.785 ± 0.034 $\chi^2/\text{NDF}: 5573.3/54$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.156 ± 0.003 χ^2/NDF : 3564.8/10

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.078 ± 0.003 χ^2/NDF : 1733.2/8

Left: 0.110 ± 0.002 χ^2/NDF : 5666.5/19

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.114 ± 0.002 χ^2/NDF : 3009.1/25

Out: 0.183 ± 0.002 χ^2/NDF : 4748.4/28

All: 0.145 ± 0.002 χ^2/NDF : 8203.3/54