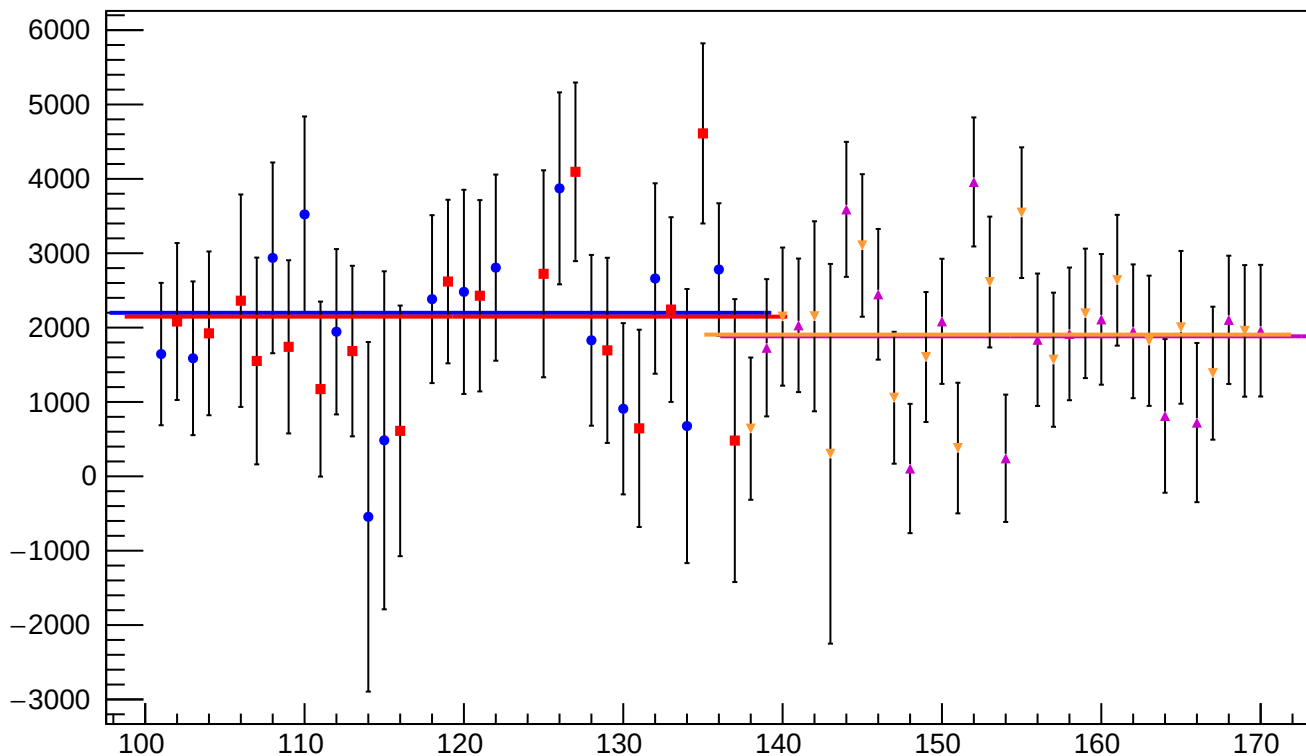


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1905.668+/-228.249

Right Out: 2147.149+/-304.804

Left In: 1882.761+/-224.535

χ^2/NDF : 8.6/15

χ^2/NDF : 13.3/16

χ^2/NDF : 11.4/16

χ^2/NDF : 20.0/15

Left: 1894.026+/-160.067

Right: 2172.848+/-216.219

In: 1993.038+/-181.186

Out: 1992.429+/-182.701

All: 1992.736+/-128.650

χ^2/NDF : 33.3/32

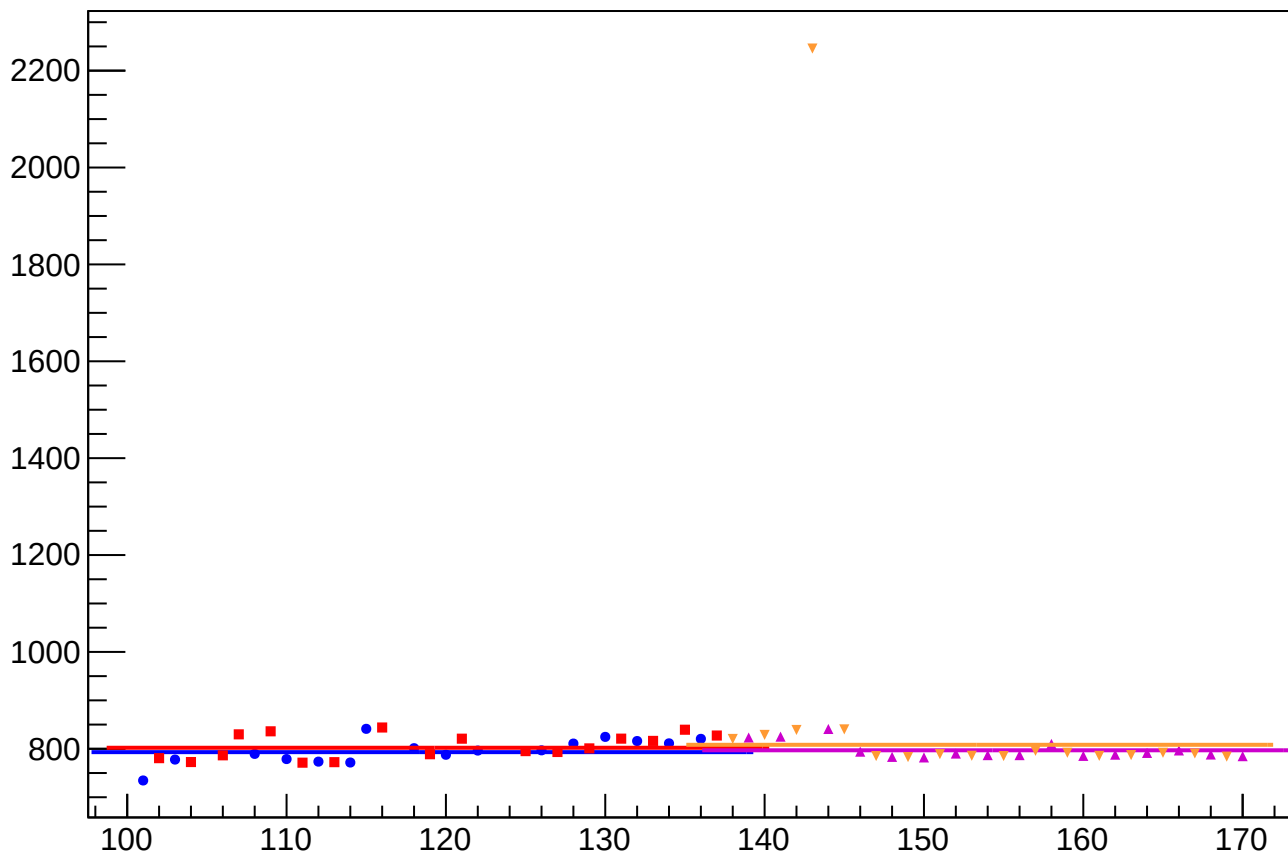
χ^2/NDF : 20.0/32

χ^2/NDF : 29.3/31

χ^2/NDF : 25.1/33

χ^2/NDF : 54.4/65

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 808.261 ± 0.161 χ^2/NDF : 651787.0/16

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

Left In: 796.916 ± 0.159 χ^2/NDF : 11687.4/15

Left: 802.495 ± 0.113 χ^2/NDF : 665985.3/32

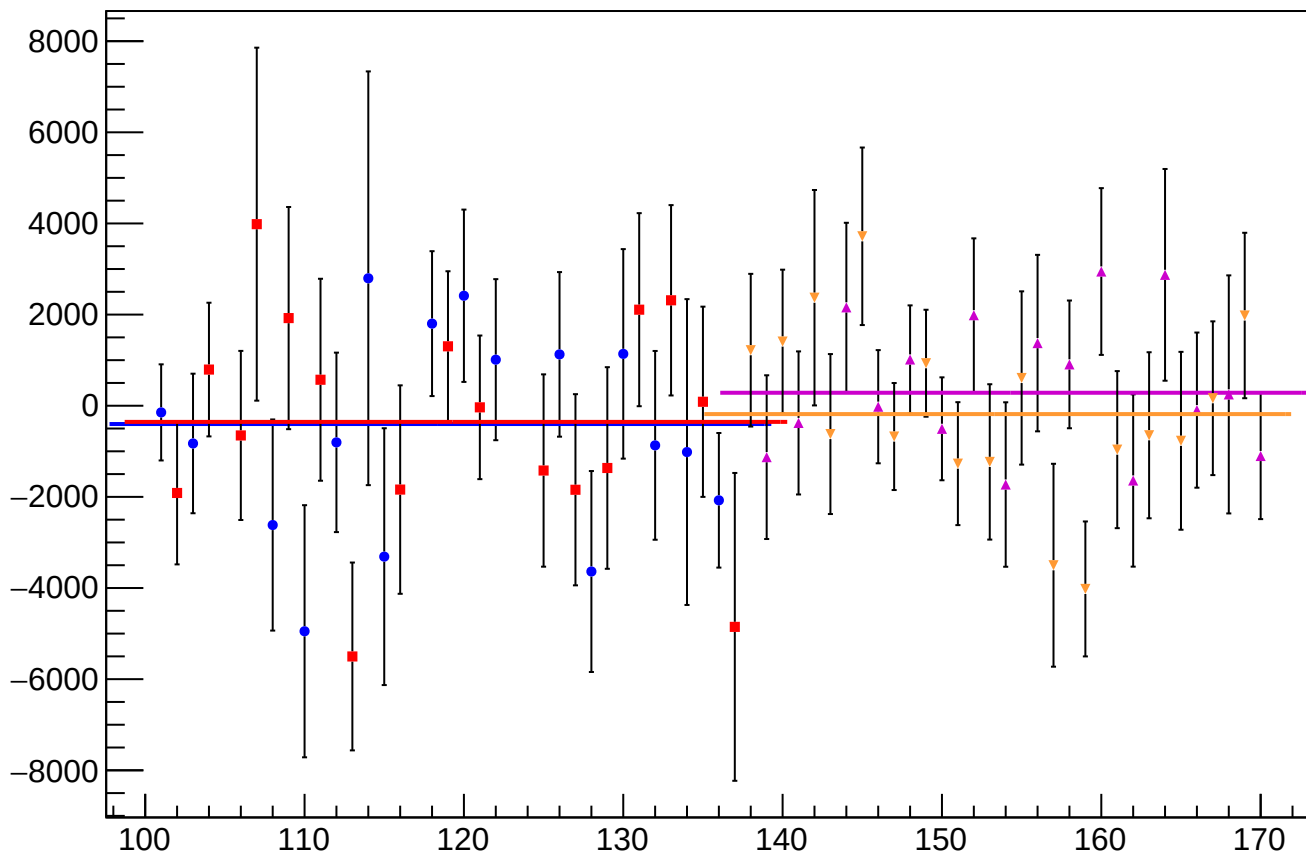
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 795.582 ± 0.128 χ^2/NDF : 26592.9/31

Out: 806.064 ± 0.129 χ^2/NDF : 665025.9/33

All: 800.779 ± 0.091 χ^2/NDF : 694938.3/65

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -183.394 $\pm$ 396.492 χ^2 /NDF:20.0/16

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

Left In: 284.699 $\pm$ 396.547 χ^2 /NDF:11.0/15

Left: 50.620 $\pm$ 280.382 χ^2 /NDF: 31.7/32

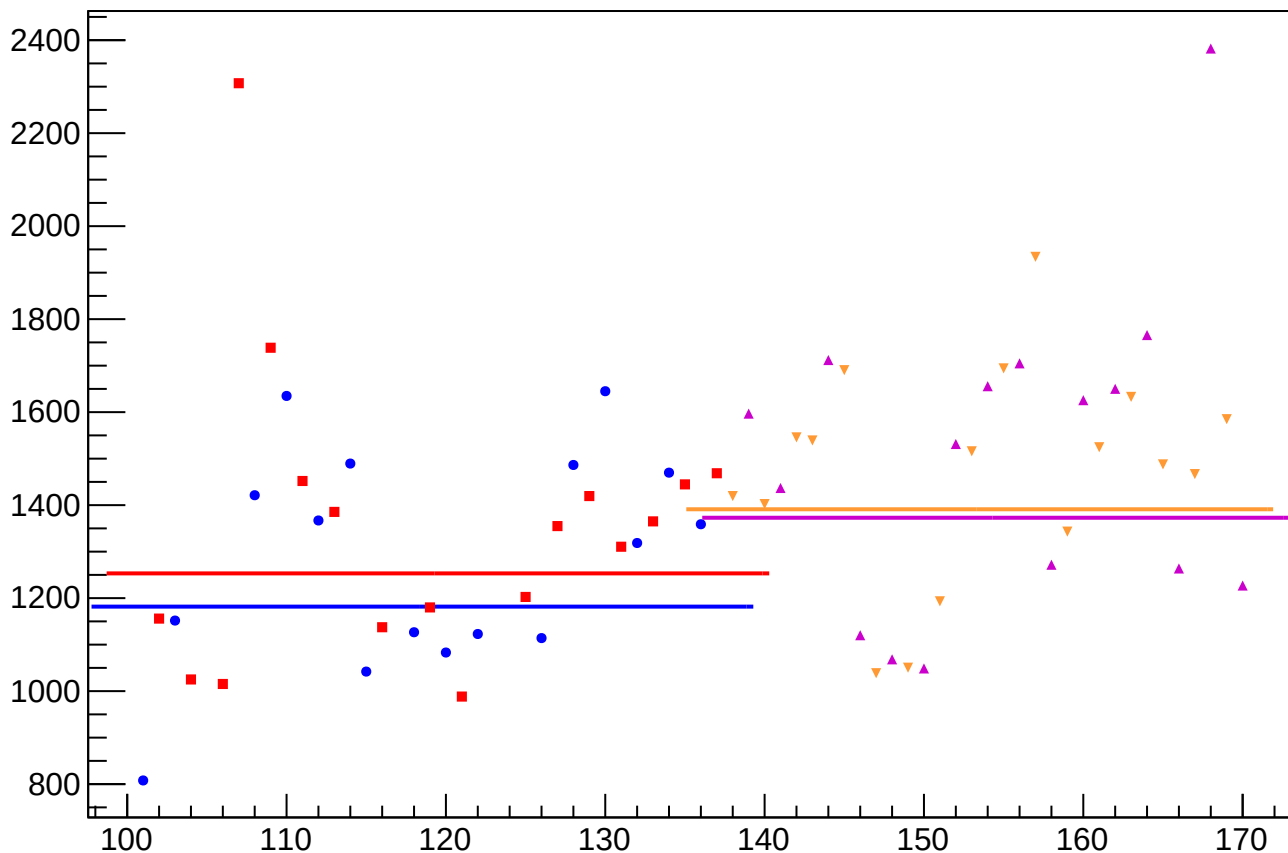
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -1.581 $\pm$ 302.725 χ^2 /NDF:27.0/31

Out: -251.665 $\pm$ 307.355 χ^2 /NDF:37.5/33

All: -124.725 $\pm$ 215.677 χ^2 /NDF: 64.9/65

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1391.117 $\pm$ 0.280 χ^2/NDF : 724122.2/16

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

Left In: 1372.884 $\pm$ 0.280 χ^2/NDF : 1083649.4/15

Left: 1382.002 $\pm$ 0.198 χ^2/NDF : 1809886.1/32

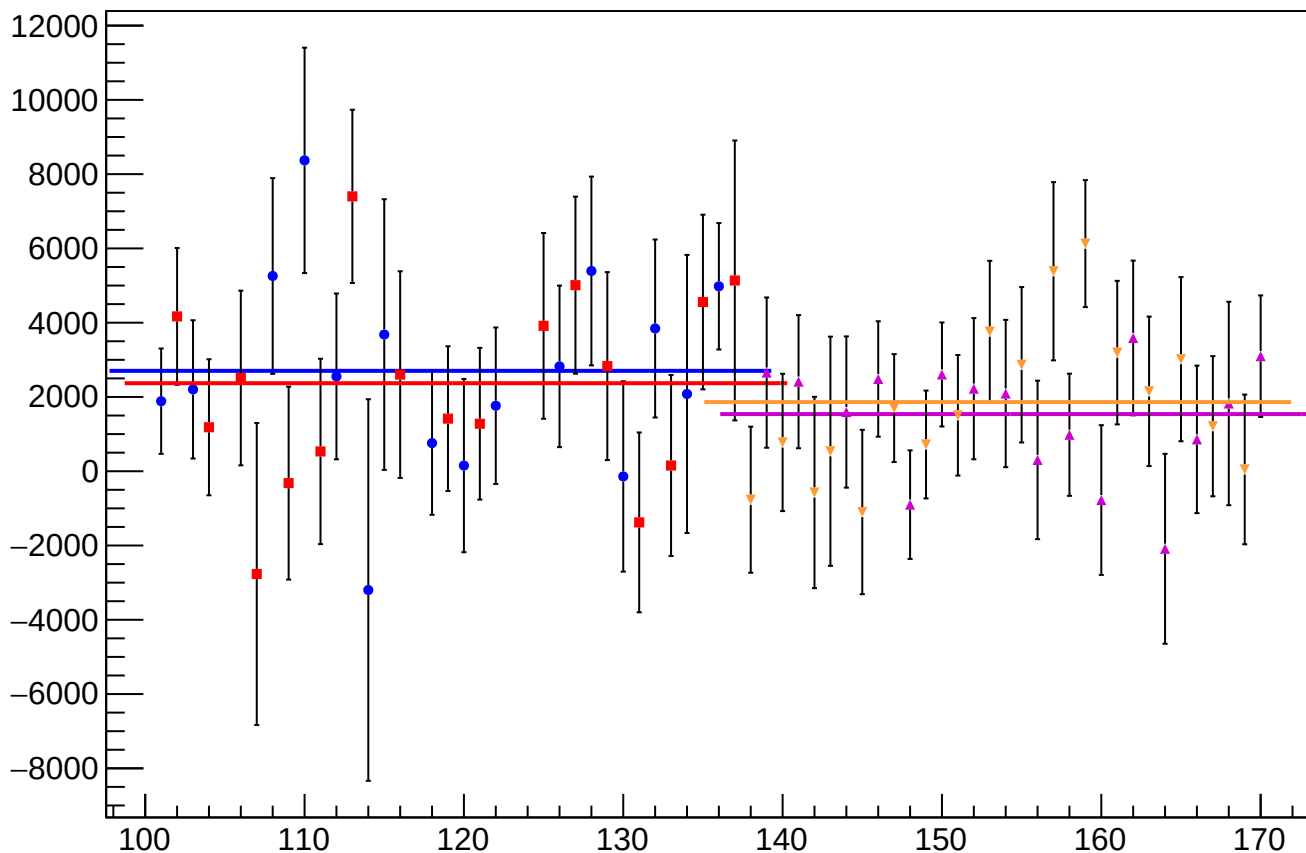
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

In: 1293.146 $\pm$ 0.214 χ^2/NDF : 1820963.9/31

Out: 1336.084 $\pm$ 0.217 χ^2/NDF : 1276308.4/33

All: 1314.289 $\pm$ 0.153 χ^2/NDF : 3117085.3/65

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1861.888 $\pm$ 466.023 χ^2 /NDF:17.0/16

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

Left In: 1539.216 $\pm$ 461.348 χ^2 /NDF:10.3/15

Left: 1698.925 $\pm$ 327.863 χ^2 /NDF: 27.5/32

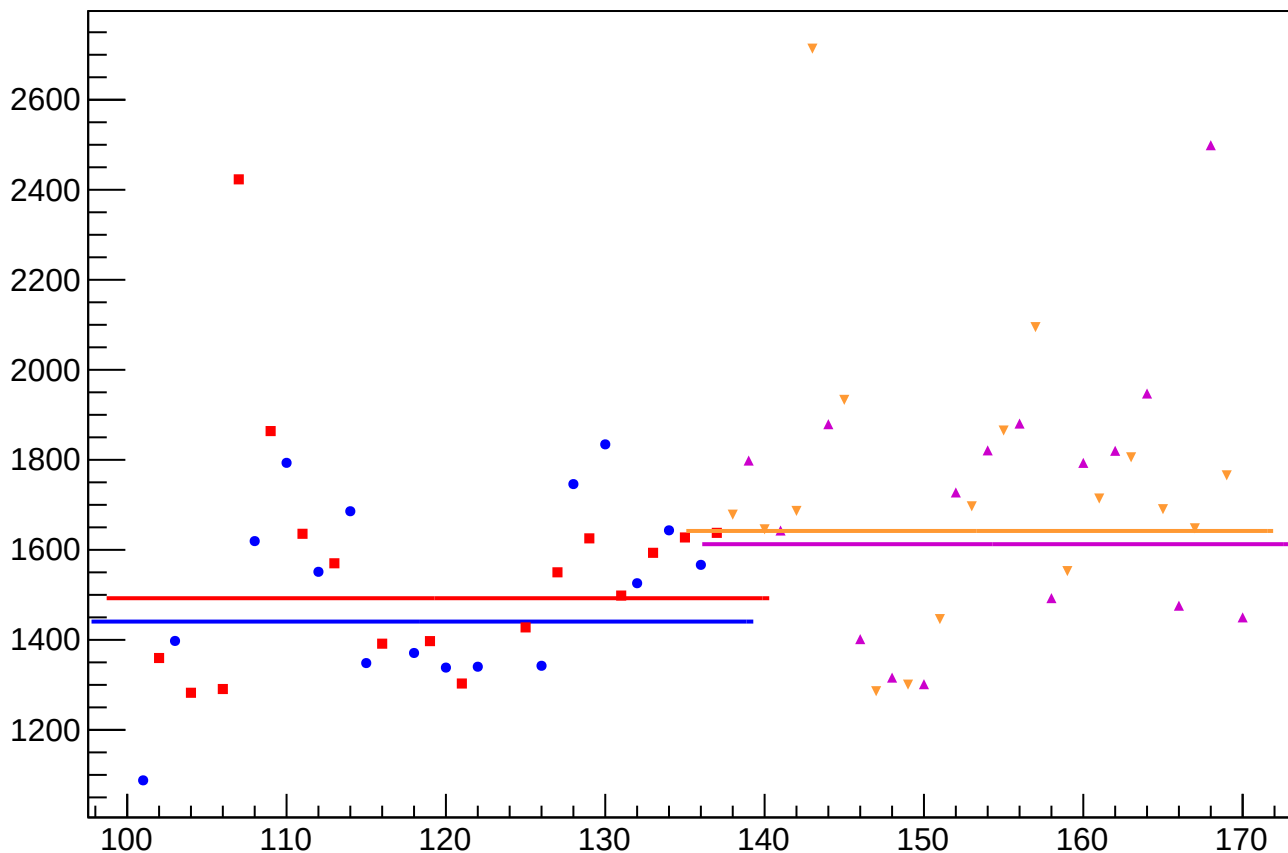
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2005.527 $\pm$ 357.225 χ^2 /NDF:25.9/31

Out: 2064.219 $\pm$ 361.666 χ^2 /NDF:33.5/33

All: 2034.510 $\pm$ 254.152 χ^2 /NDF: 59.4/65

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1641.981 $\pm$ 0.330 χ^2/NDF : 662436.2/16

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

Left In: 1612.594 $\pm$ 0.326 χ^2/NDF : 649758.9/15

Left: 1627.139 $\pm$ 0.232 χ^2/NDF : 1316211.4/32

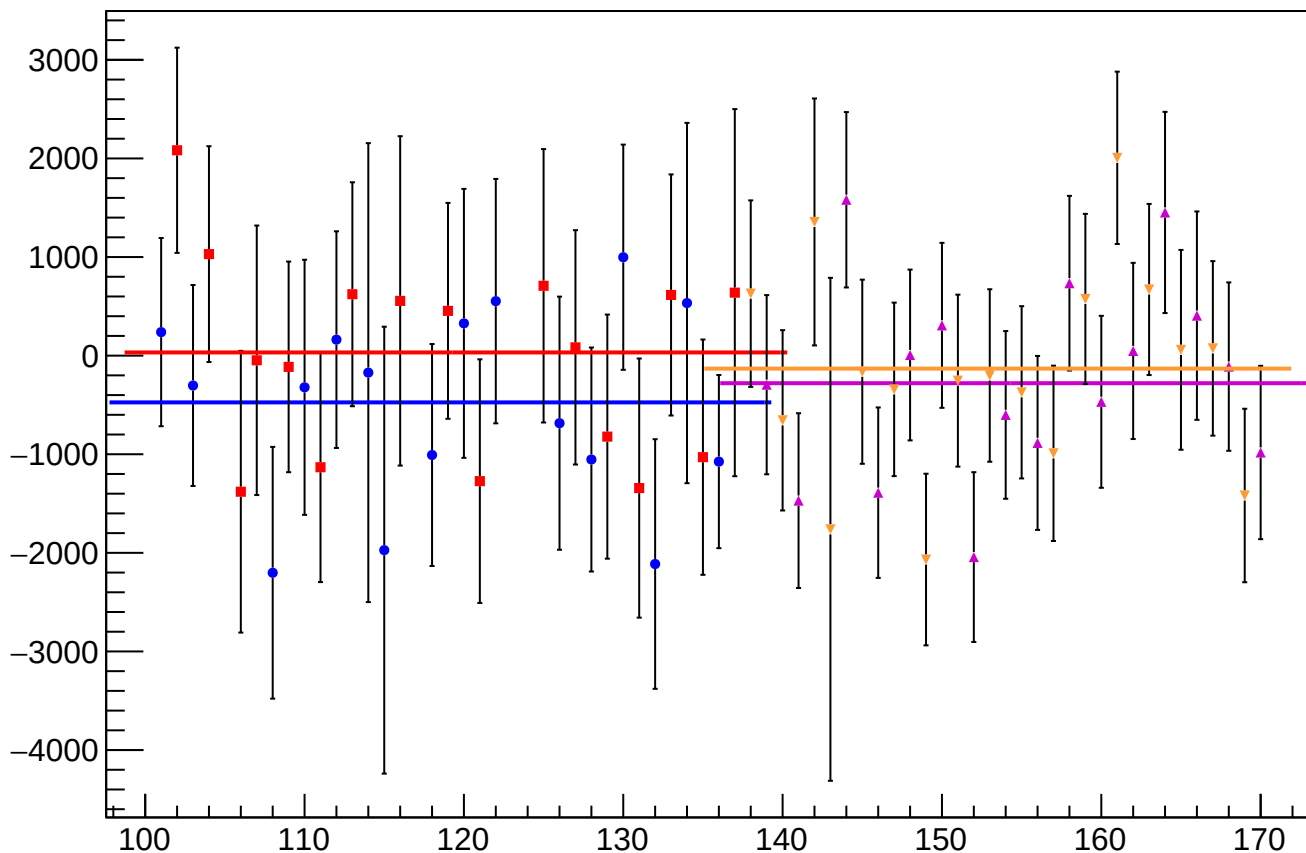
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1543.741 $\pm$ 0.253 χ^2/NDF : 1043267.1/31

Out: 1582.541 $\pm$ 0.256 χ^2/NDF : 995749.3/33

All: 1562.901 $\pm$ 0.180 χ^2/NDF : 2050668.2/65

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 $\pm$ 303.914 χ^2/NDF : 8.9/15

Left Out: -131.527 $\pm$ 225.966 χ^2/NDF :18.6/16

Right Out: 32.454 $\pm$ 299.611 χ^2/NDF : 11.3/16

Left In: -279.403 $\pm$ 222.340 χ^2/NDF :18.7/15

Left: -206.661 $\pm$ 158.485 χ^2/NDF : 37.5/32

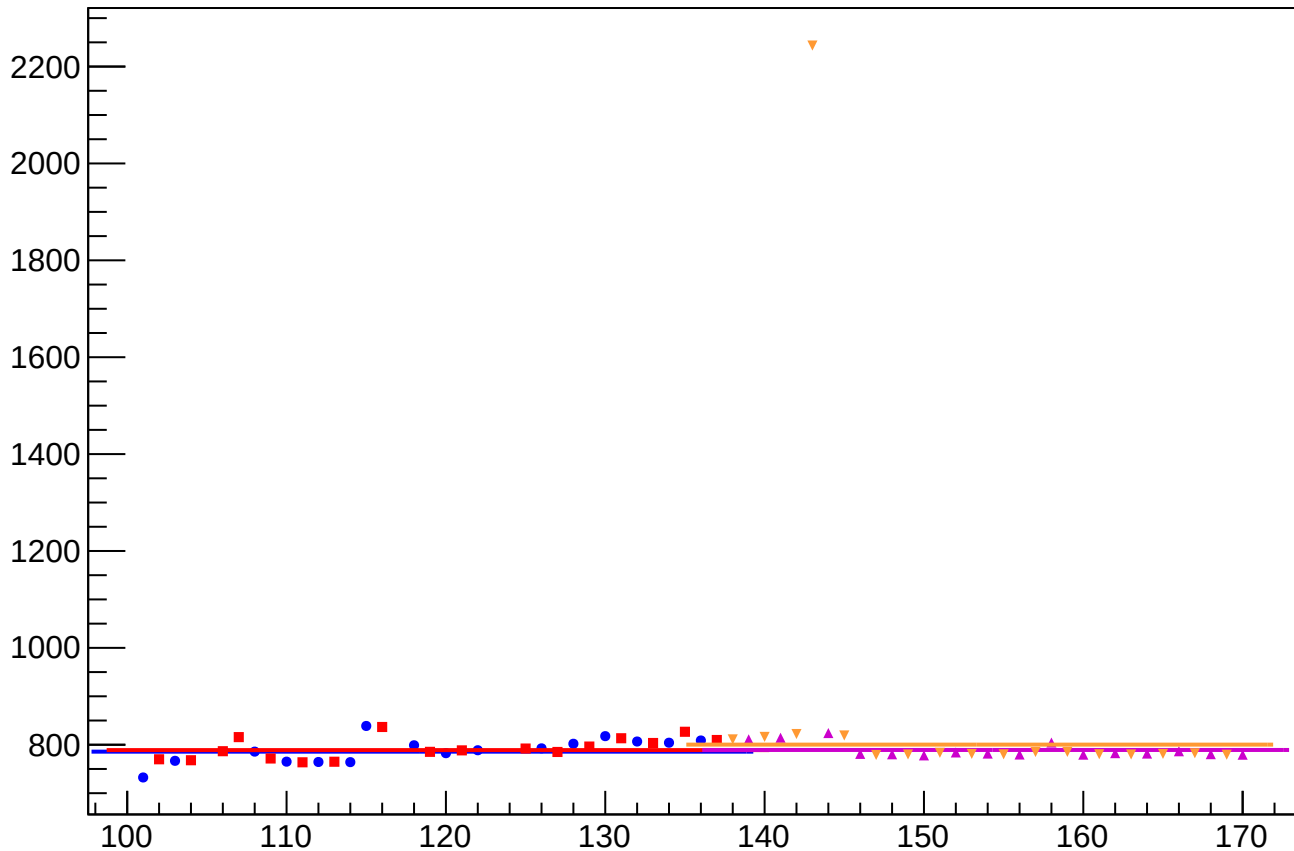
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -347.292 $\pm$ 179.445 χ^2/NDF :27.9/31

Out: -72.072 $\pm$ 180.409 χ^2/NDF :30.0/33

All: -210.419 $\pm$ 127.226 χ^2/NDF : 59.1/65

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 800.249 $\pm$ 0.160 χ^2 /NDF: 653609.7/16

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

Left In: 789.222 $\pm$ 0.157 χ^2 /NDF: 8580.8/15

Left: 794.646 $\pm$ 0.112 χ^2 /NDF: 664610.2/32

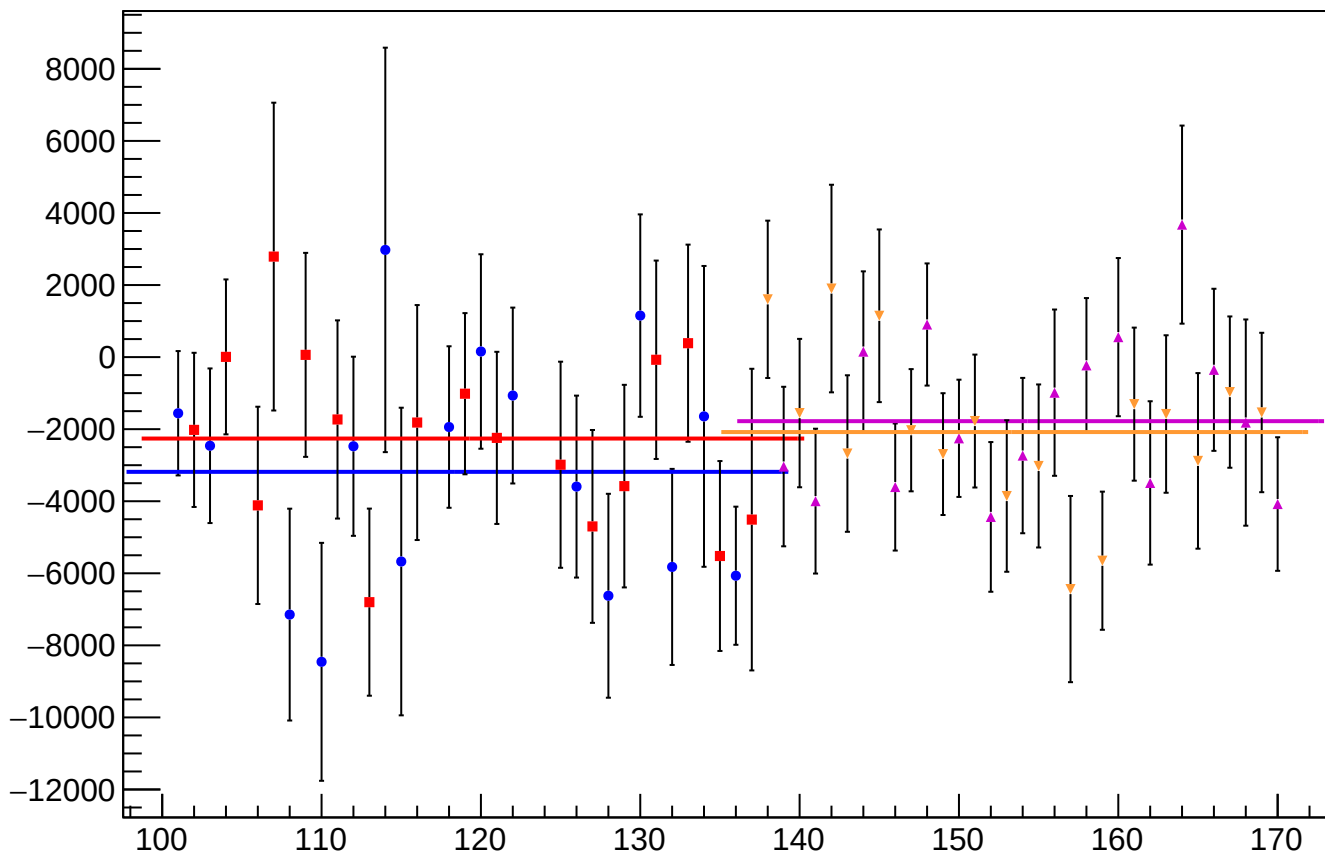
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 788.010 $\pm$ 0.127 χ^2 /NDF: 22672.7/31

Out: 796.148 $\pm$ 0.128 χ^2 /NDF: 664950.8/33

All: 792.057 $\pm$ 0.090 χ^2 /NDF: 689669.4/65

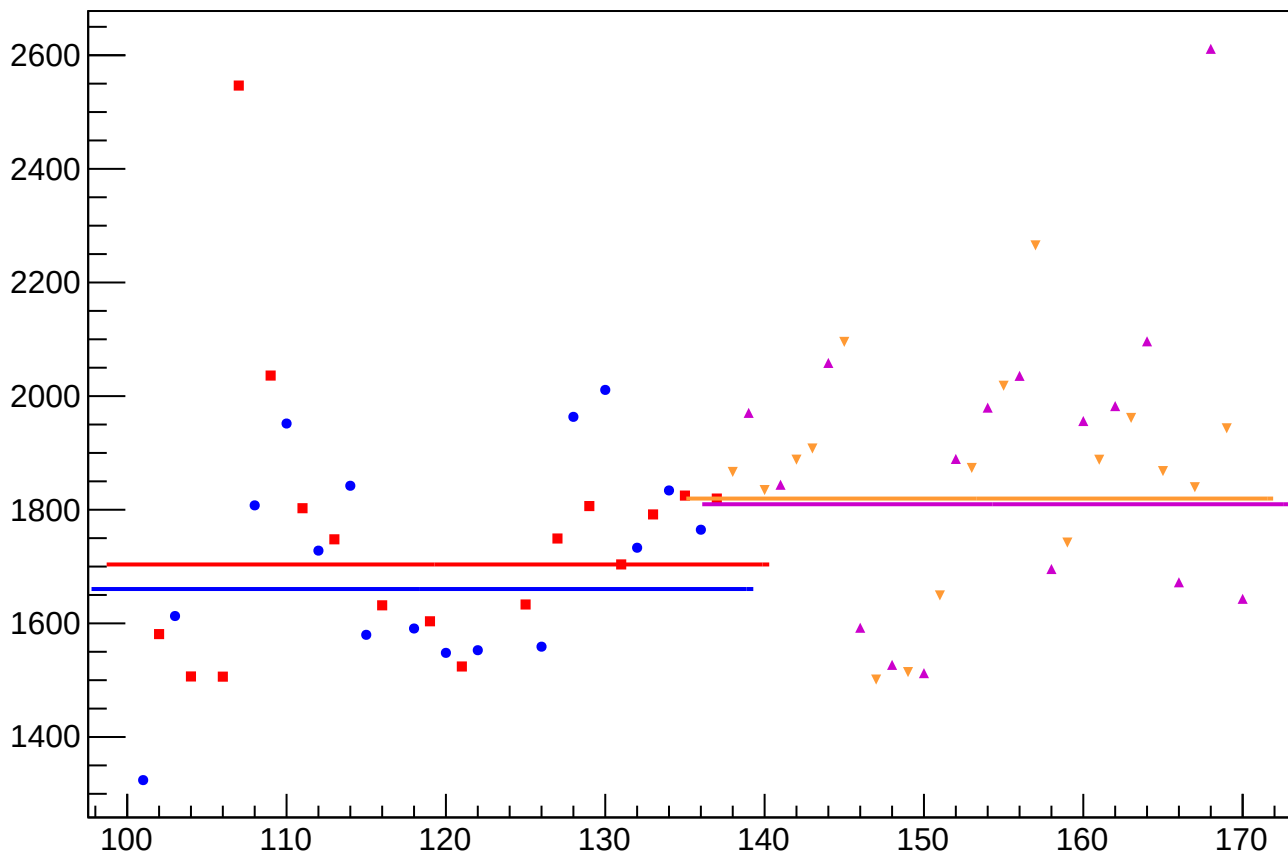
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -2080.071 $\pm$ 511.783 χ^2 /NDF:14.7/16
 Right Out: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16
 Left In: -1777.871 $\pm$ 515.233 χ^2 /NDF:16.2/15

Left: -1929.986 $\pm$ 363.099 χ^2 /NDF: 31.1/32
 Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32
 In: -2323.370 $\pm$ 403.135 χ^2 /NDF:35.9/31
 Out: -2148.765 $\pm$ 402.565 χ^2 /NDF:26.3/33
 All: -2235.944 $\pm$ 284.858 χ^2 /NDF: 62.3/65

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1819.683 $\pm$ 0.362 χ^2/NDF : 282076.9/16

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

Left In: 1809.677 $\pm$ 0.364 χ^2/NDF : 453659.6/15

Left: 1814.714 $\pm$ 0.257 χ^2/NDF : 736116.2/32

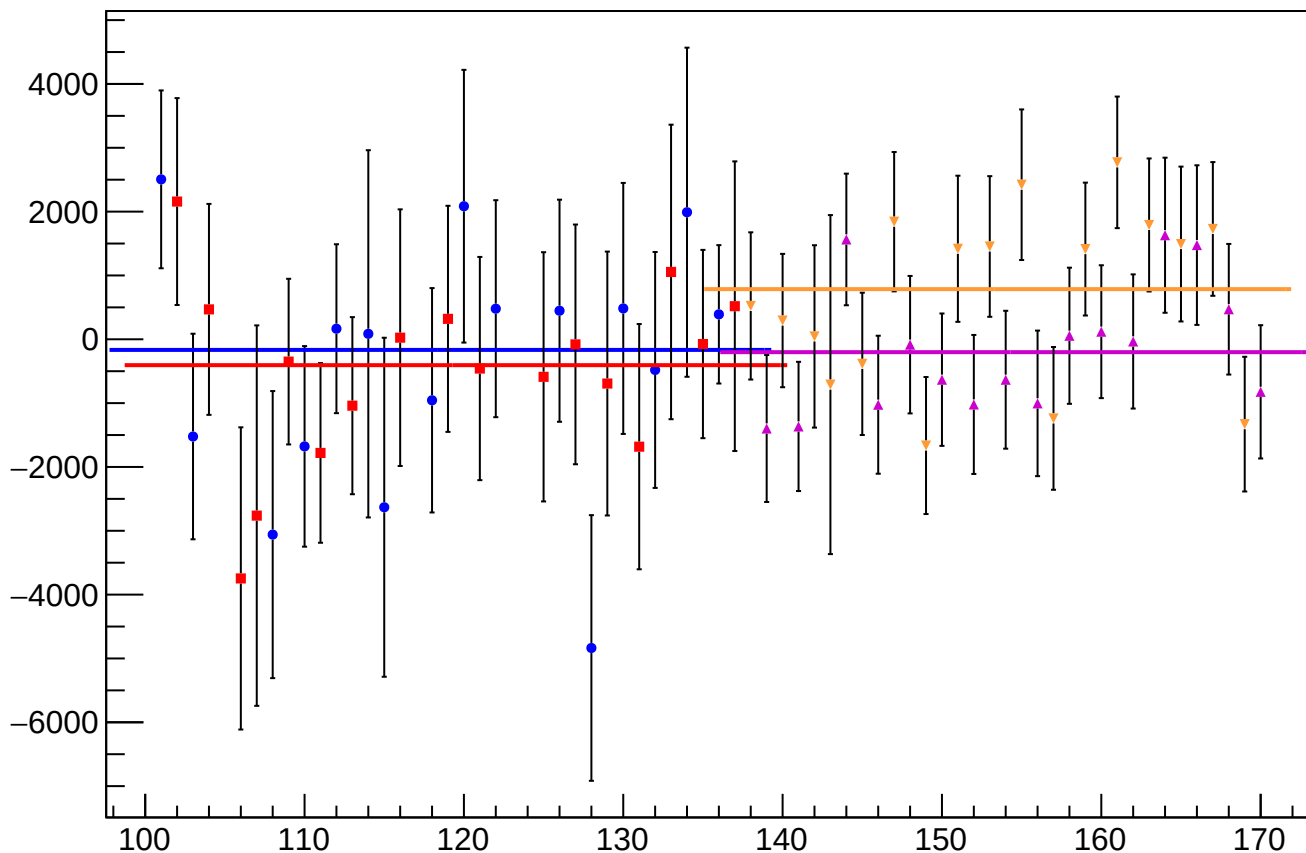
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1751.811 $\pm$ 0.285 χ^2/NDF : 697917.2/31

Out: 1775.454 $\pm$ 0.285 χ^2/NDF : 492279.6/33

All: 1763.649 $\pm$ 0.201 χ^2/NDF : 1193641.3/65

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 785.482+/-275.310 χ^2/NDF : 24.2/16

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

Left In: -201.648+/-270.290 χ^2/NDF : 12.4/15

Left: 282.836+/-192.874 χ^2/NDF : 43.1/32

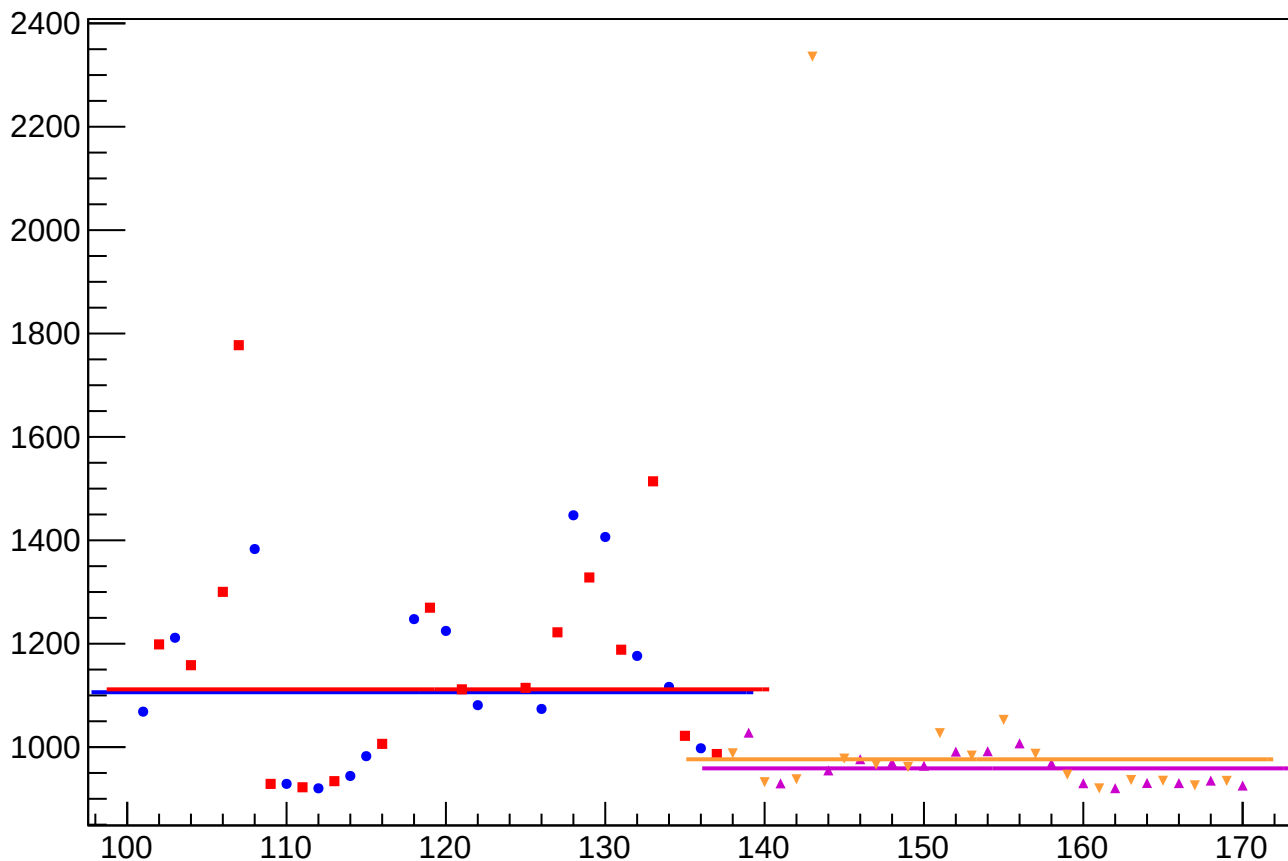
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -191.743+/-229.238 χ^2/NDF : 28.0/31

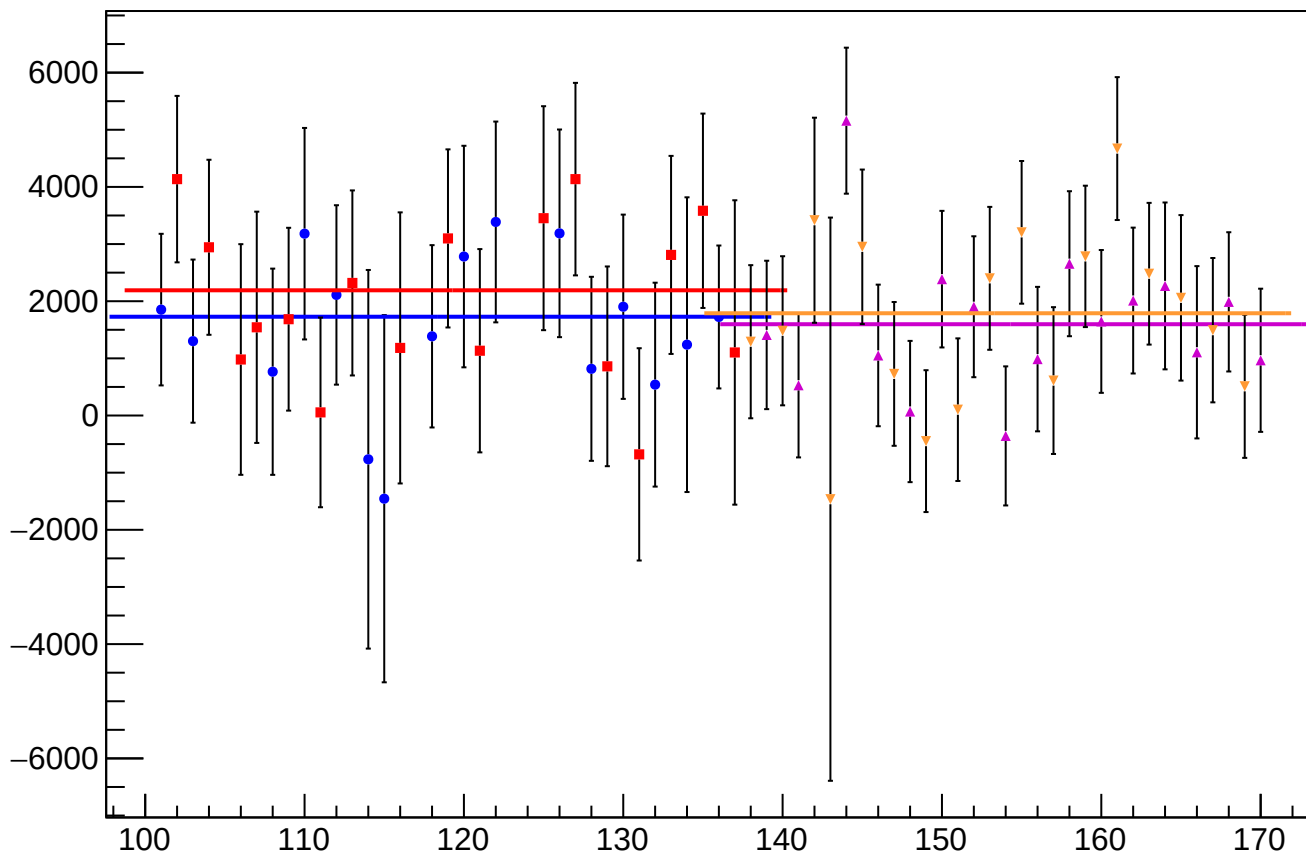
Out: 437.691+/-231.641 χ^2/NDF : 37.5/33

All: 119.692+/-162.939 χ^2/NDF : 69.2/65

asym_us_dd_rms vs Slug, Sign Corrected



dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 ± 429.803 χ^2/NDF : 5.3/15

Left Out: 1789.413 ± 323.770 χ^2/NDF : 17.7/16

Right Out: 2190.971 ± 427.222 χ^2/NDF : 10.8/16

Left In: 1597.457 ± 317.904 χ^2/NDF : 15.0/15

Left: 1691.680 ± 226.838 χ^2/NDF : 32.9/32

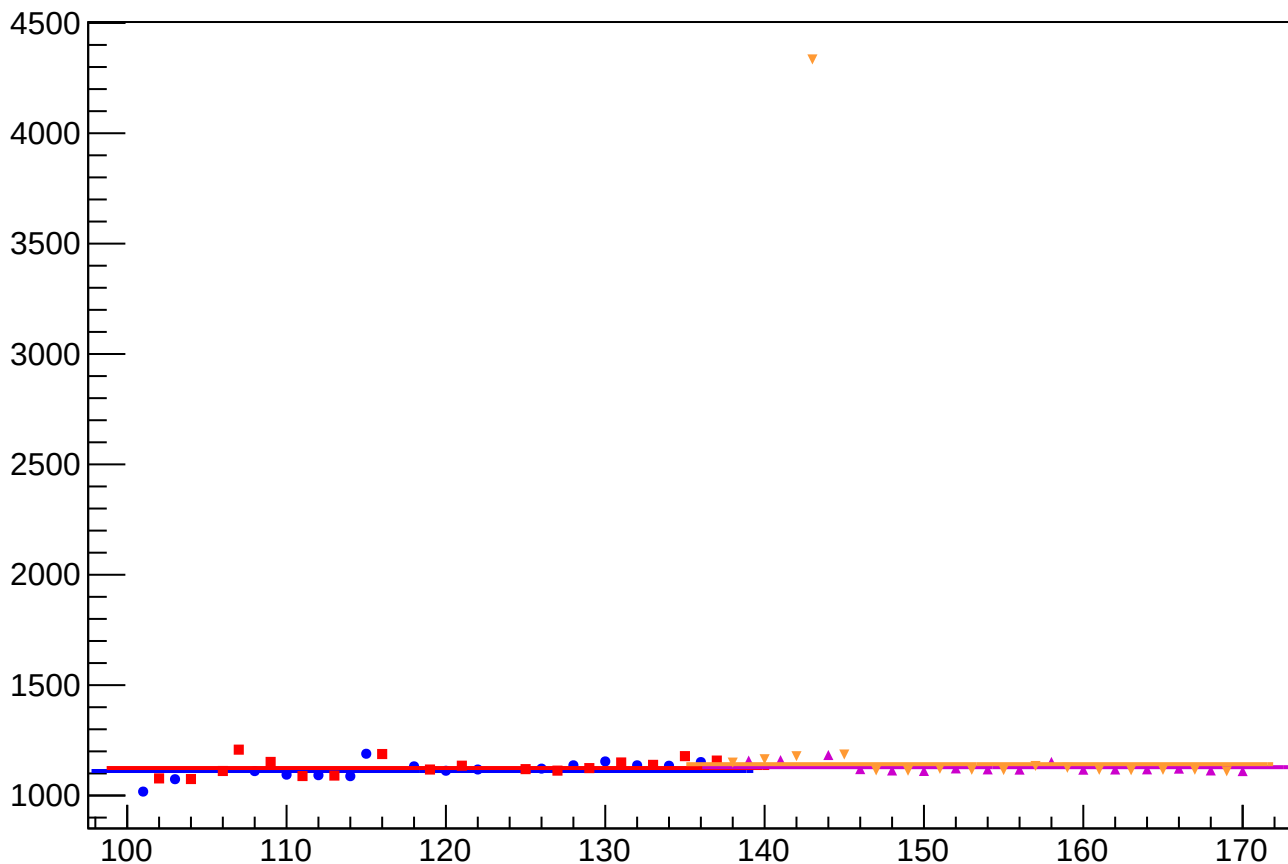
Right: 1961.110 ± 303.000 χ^2/NDF : 16.7/32

In: 1643.784 ± 255.588 χ^2/NDF : 20.4/31

Out: 1935.906 ± 258.040 χ^2/NDF : 29.1/33

All: 1788.450 ± 181.589 χ^2/NDF : 50.1/65

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1141.994 ± 0.229 χ^2/NDF : 852454.9/16

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

Left In: 1128.374 ± 0.225 χ^2/NDF : 9030.8/15

Left: 1135.060 ± 0.160 χ^2/NDF : 863287.6/32

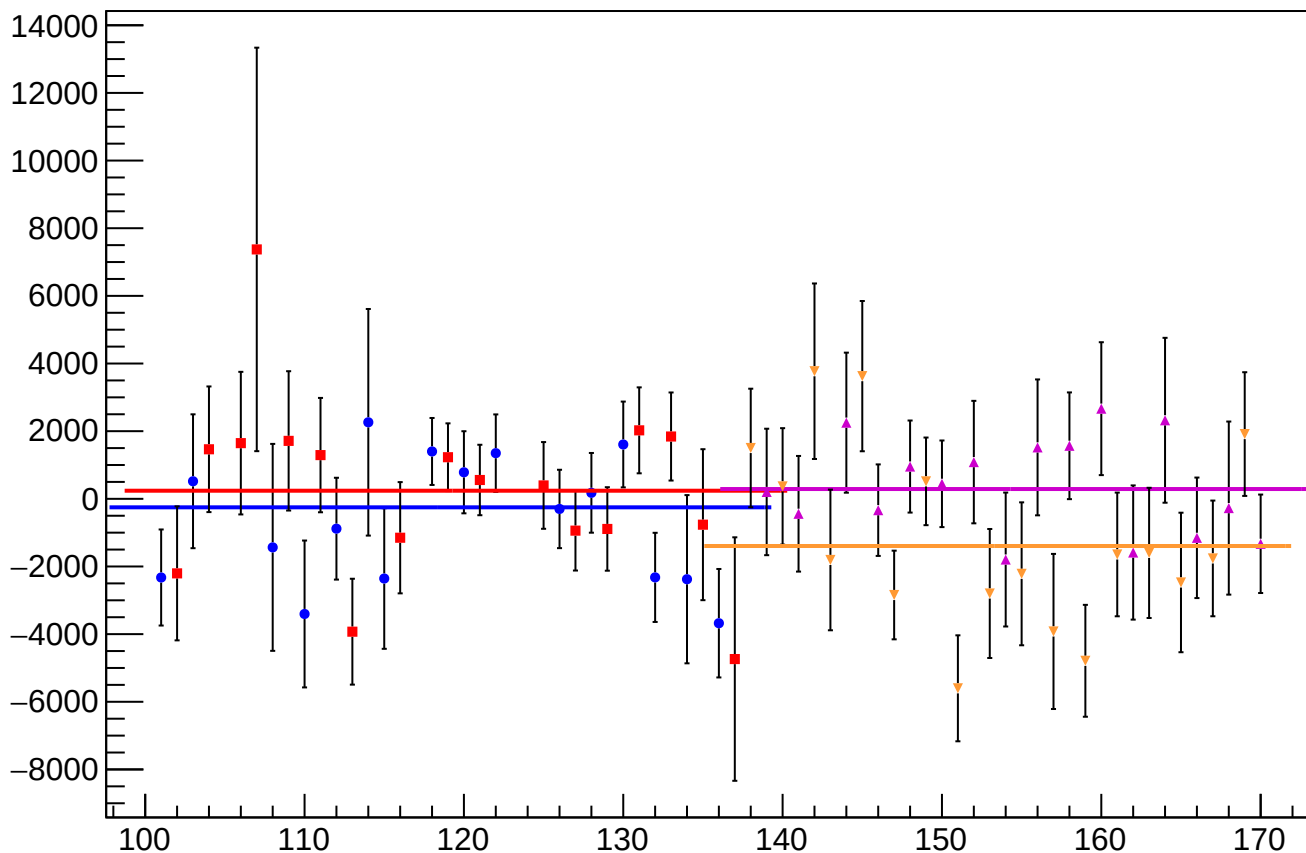
Right: 1117.819 ± 0.214 χ^2/NDF : 33680.2/32

In: 1122.245 ± 0.181 χ^2/NDF : 29224.1/31

Out: 1135.617 ± 0.182 χ^2/NDF : 869182.3/33

All: 1128.867 ± 0.128 χ^2/NDF : 901117.5/65

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1394.803 $\pm$ 433.083 χ^2/NDF :33.3/16

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

Left In: 289.740 $\pm$ 430.714 χ^2/NDF :8.9/15

Left: -547.911 $\pm$ 305.395 χ^2/NDF : 49.7/32

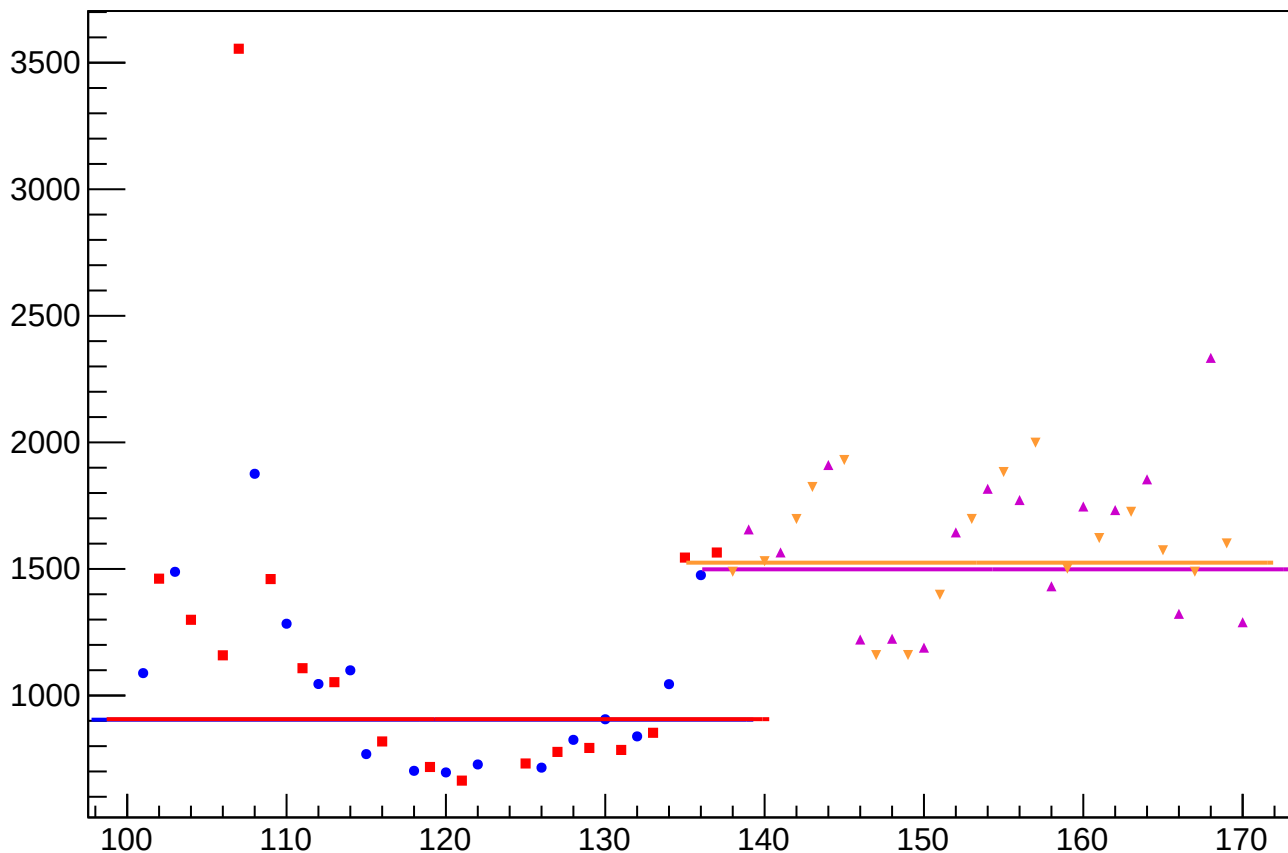
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -25.210 $\pm$ 278.439 χ^2/NDF :31.6/31

Out: -436.504 $\pm$ 278.579 χ^2/NDF :62.7/33

All: -230.754 $\pm$ 196.936 χ^2/NDF : 95.4/65

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1524.857+/-0.306 χ^2/NDF : 637466.1/16

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

Left In: 1498.506+/-0.305 χ^2/NDF : 860396.7/15

Left: 1511.609+/-0.216 χ^2/NDF : 1501585.2/32

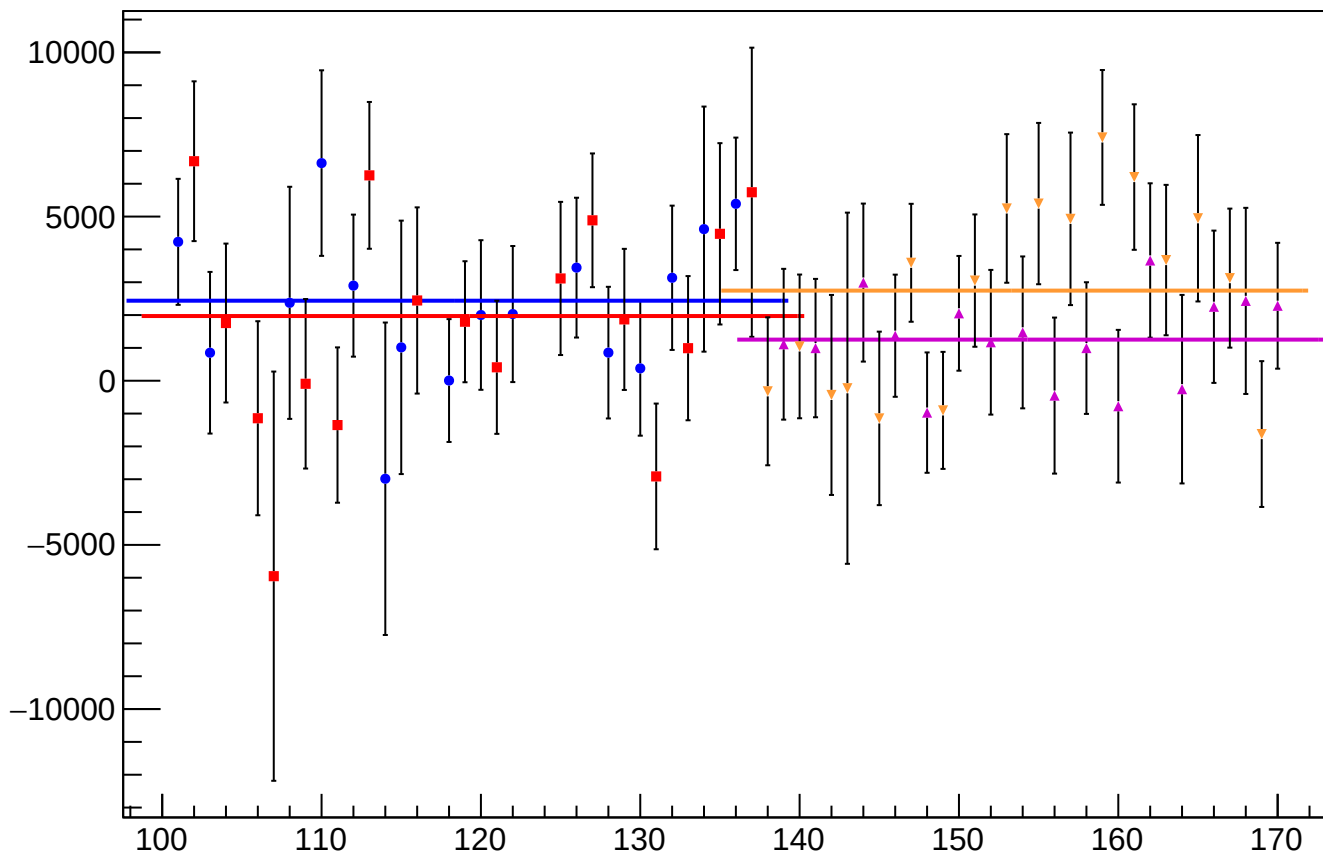
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1152.733+/-0.197 χ^2/NDF : 4095814.1/31

Out: 1162.409+/-0.197 χ^2/NDF : 4403027.4/33

All: 1157.569+/-0.139 χ^2/NDF : 8500048.5/65

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2745.084 $\pm$ 552.002 χ^2 /NDF:26.0/16

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

Left In: 1252.359 $\pm$ 543.122 χ^2 /NDF:5.5/15

Left: 1986.618 $\pm$ 387.146 χ^2 /NDF: 35.2/32

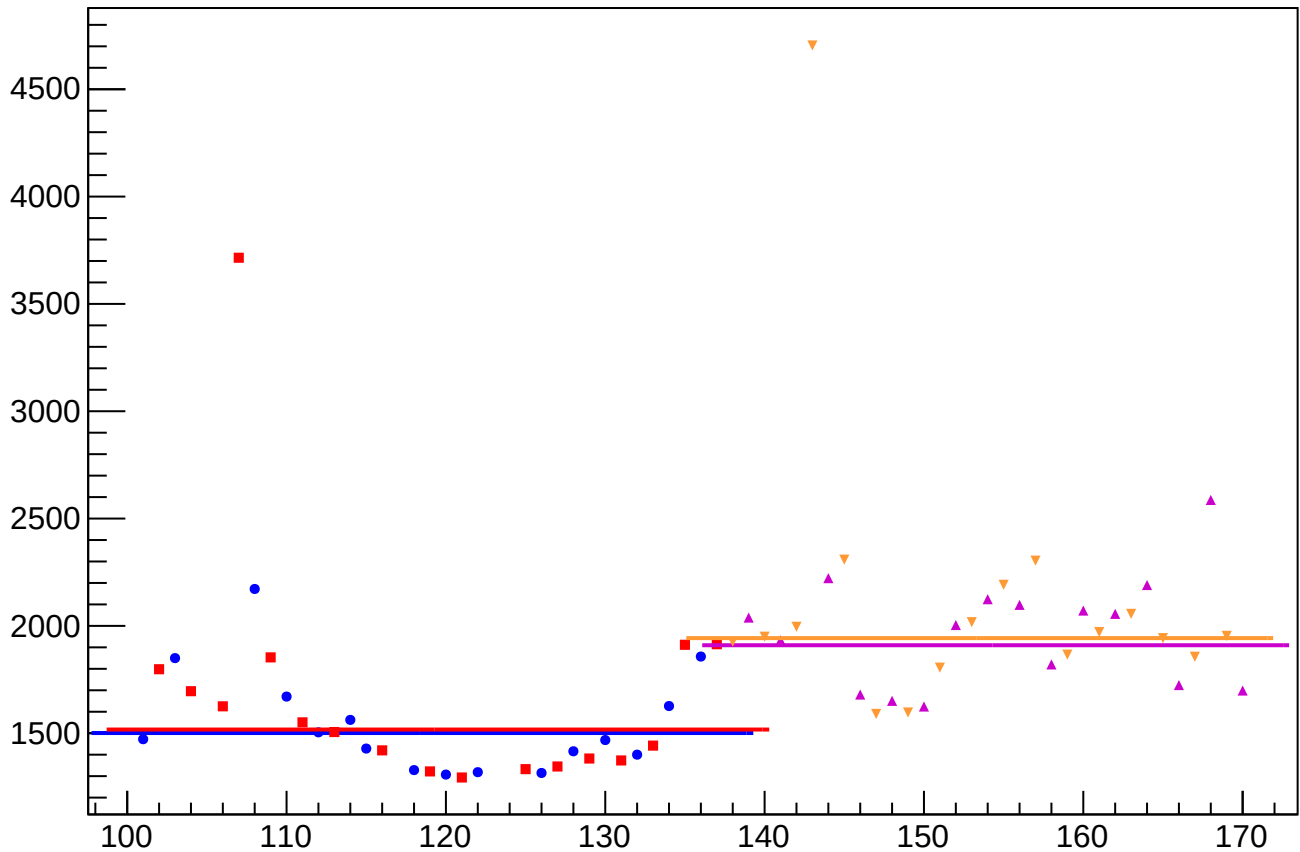
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 1799.761 $\pm$ 398.415 χ^2 /NDF:18.9/31

Out: 2381.323 $\pm$ 402.020 χ^2 /NDF:49.2/33

All: 2087.923 $\pm$ 282.988 χ^2 /NDF: 69.1/65

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1943.038+/-0.390 χ^2/NDF : 805990.1/16

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

Left In: 1909.834+/-0.384 χ^2/NDF : 389045.3/15

Left: 1926.167+/-0.274 χ^2/NDF : 1198712.1/32

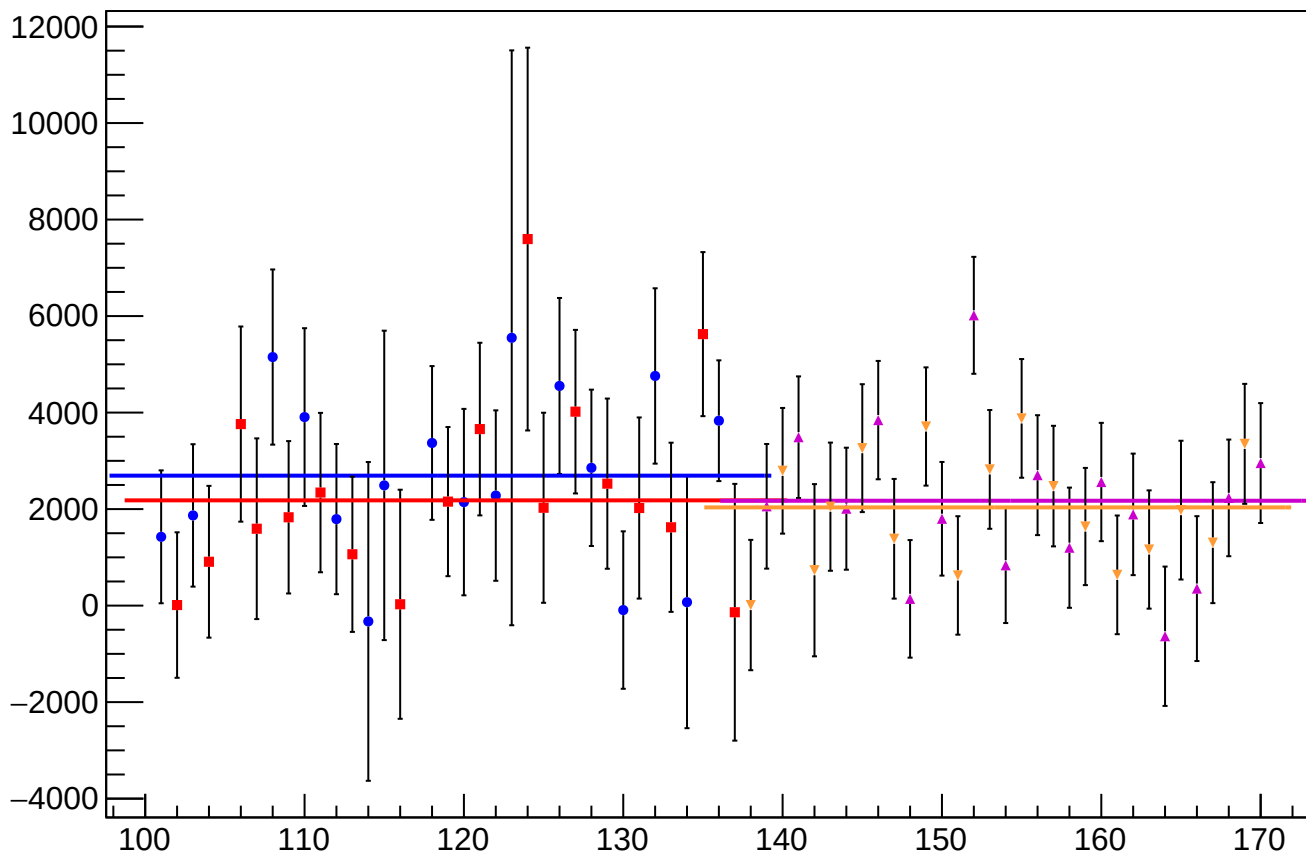
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1720.922+/-0.282 χ^2/NDF : 1169145.5/31

Out: 1743.032+/-0.284 χ^2/NDF : 1840172.4/33

All: 1731.877+/-0.200 χ^2/NDF : 3012369.8/65

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2035.432 $\pm$ 311.544 χ^2 /NDF:13.6/16

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

Left In: 2172.929 $\pm$ 314.068 χ^2 /NDF:23.8/15

Left: 2103.626 $\pm$ 221.182 χ^2 /NDF: 37.4/32

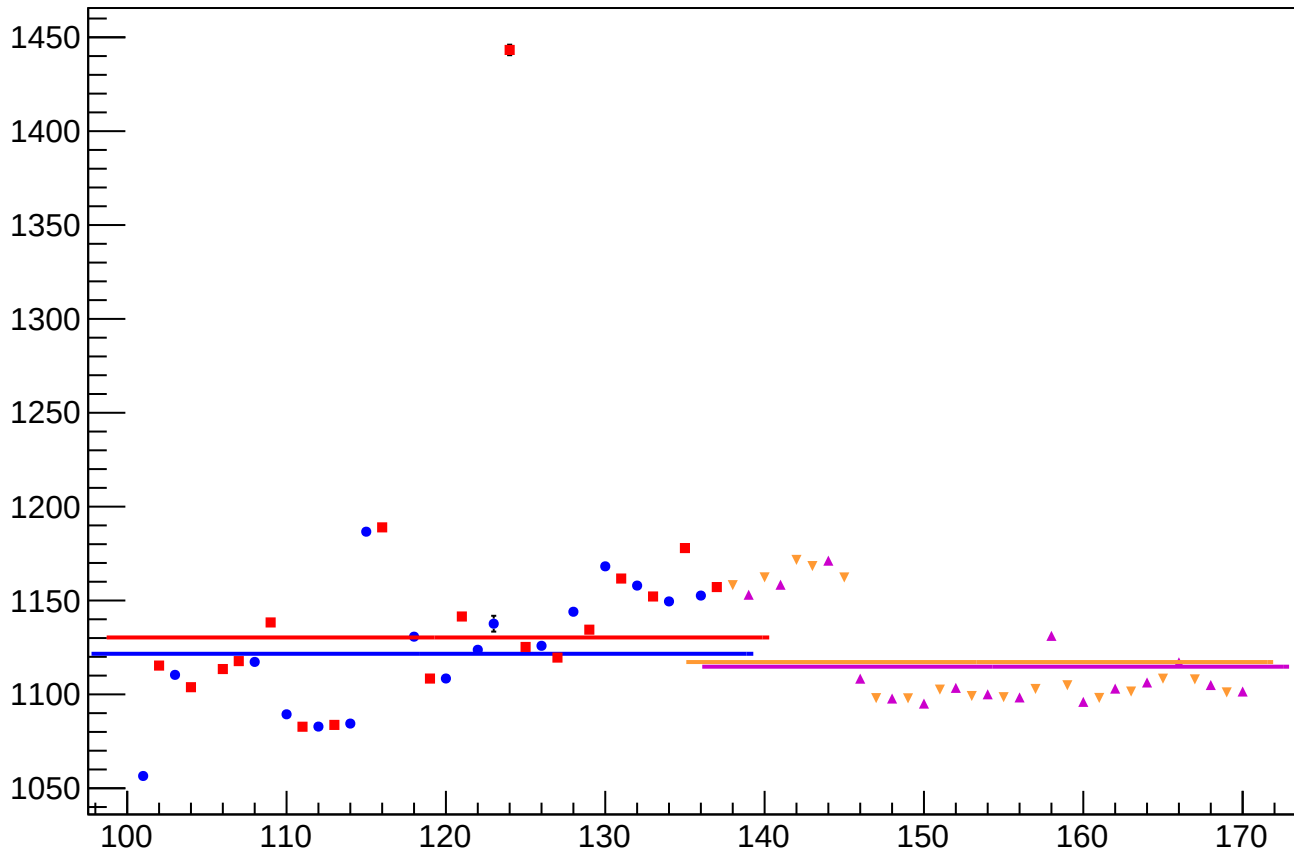
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2352.424 $\pm$ 254.155 χ^2 /NDF:36.9/32

Out: 2086.236 $\pm$ 251.358 χ^2 /NDF:27.2/34

All: 2217.858 $\pm$ 178.718 χ^2 /NDF: 64.7/67

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1117.222 $\pm$ 0.220 χ^2/NDF : 15337.8/16

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

Left In: 1114.748 $\pm$ 0.222 χ^2/NDF : 11388.9/15

Left: 1115.995 $\pm$ 0.156 χ^2/NDF : 26789.3/32

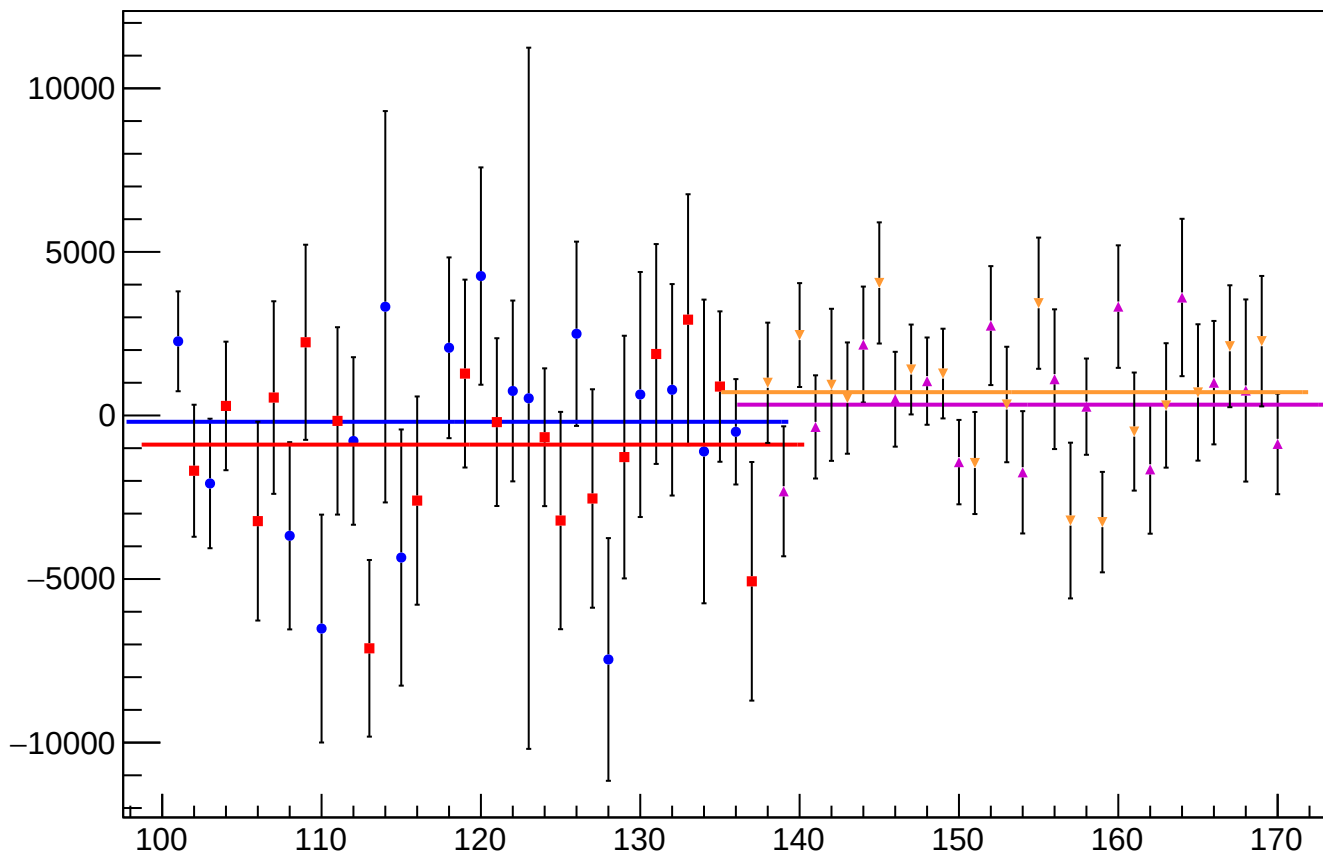
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1117.122 $\pm$ 0.180 χ^2/NDF : 23700.3/32

Out: 1121.793 $\pm$ 0.178 χ^2/NDF : 37847.0/34

All: 1119.483 $\pm$ 0.126 χ^2/NDF : 61888.8/67

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 712.400 $\pm$ 425.986 χ^2/NDF : 19.8/16

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

Left In: 329.921 $\pm$ 429.085 χ^2/NDF : 14.5/15

Left: 522.546 $\pm$ 302.307 χ^2/NDF : 34.7/32

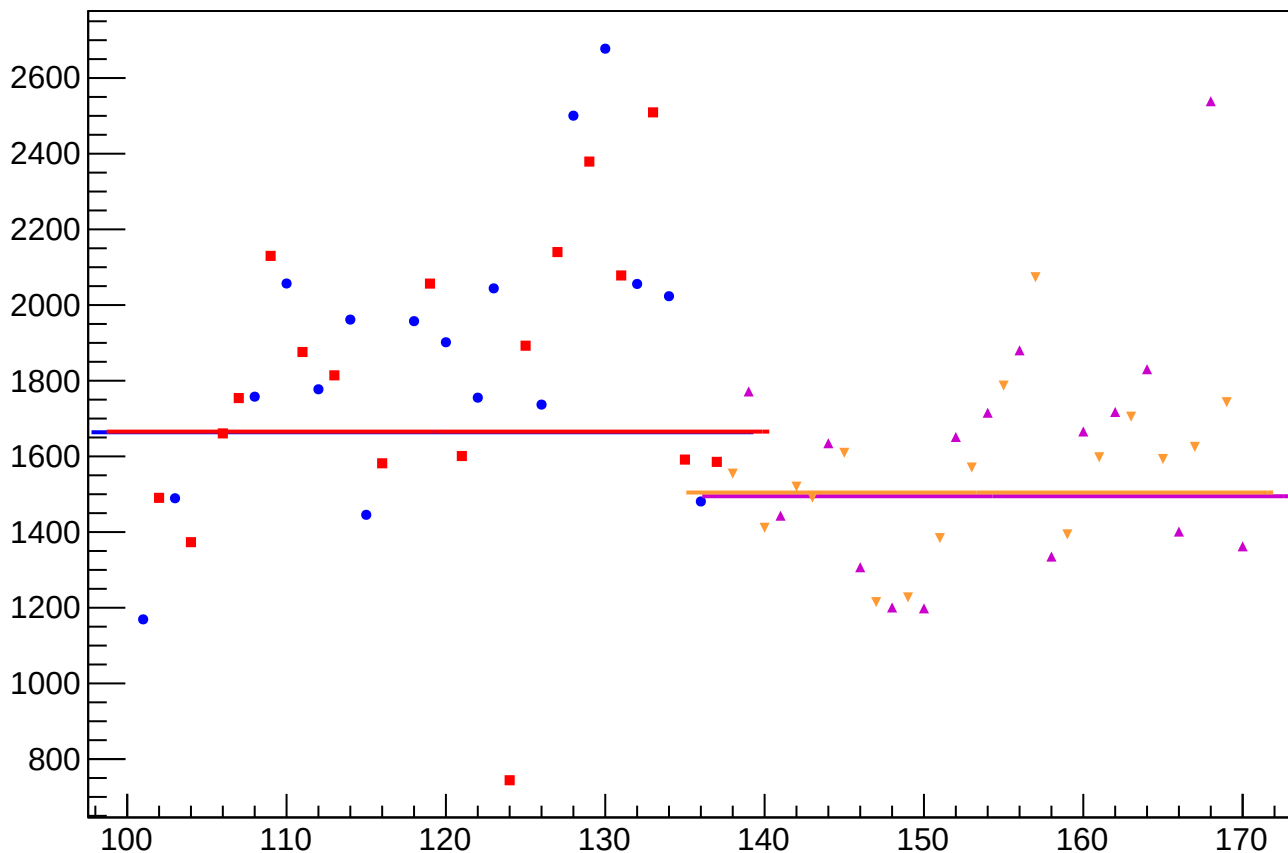
Right: -548.030 $\pm$ 463.023 χ^2/NDF : 31.0/34

In: 174.584 $\pm$ 359.800 χ^2/NDF : 32.3/32

Out: 230.015 $\pm$ 356.192 χ^2/NDF : 37.2/34

All: 202.579 $\pm$ 253.132 χ^2/NDF : 69.5/67

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1504.559+/-0.301 χ^2/NDF : 432893.5/16

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

Left In: 1494.705+/-0.303 χ^2/NDF : 803336.3/15

Left: 1499.668+/-0.214 χ^2/NDF : 1236761.1/32

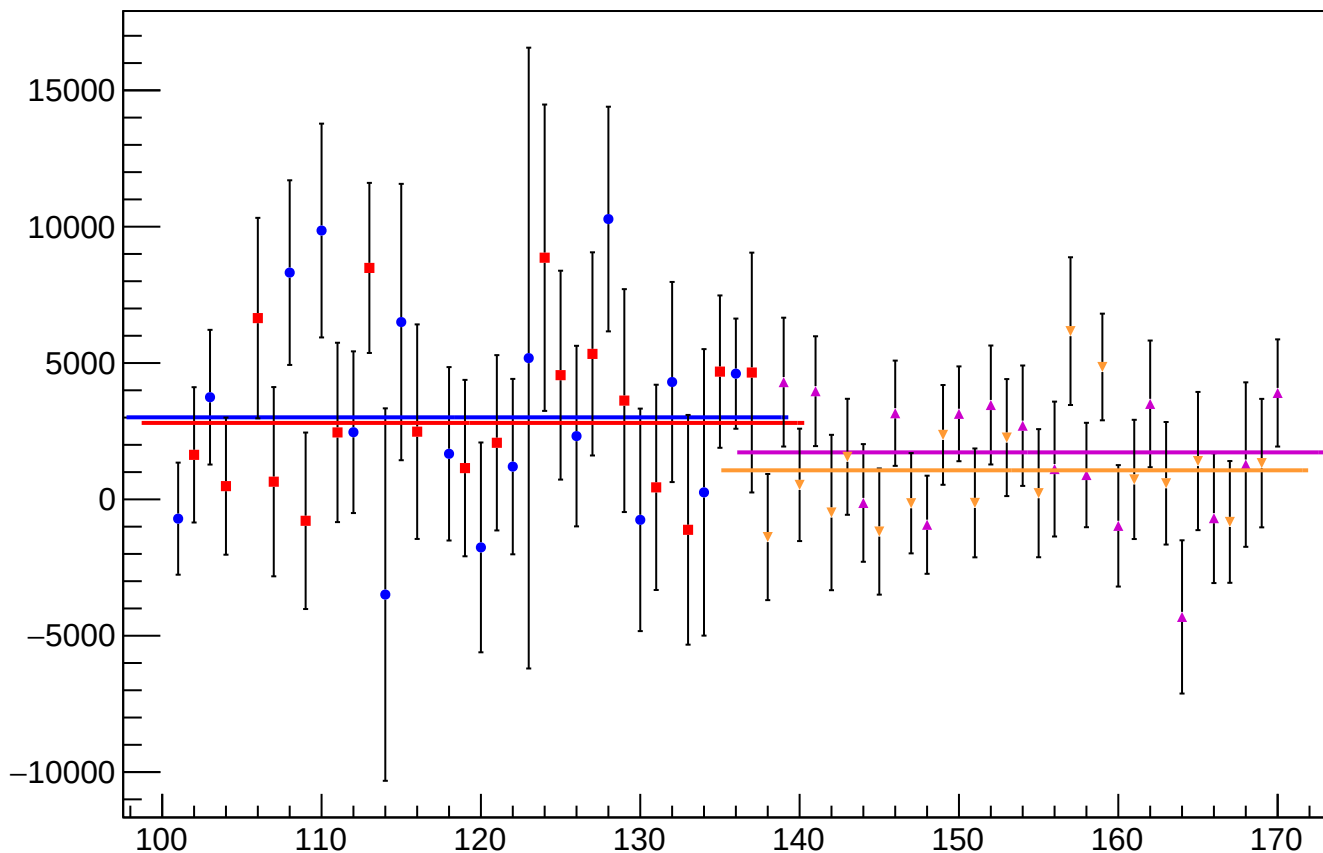
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1544.898+/-0.254 χ^2/NDF : 1517999.3/32

Out: 1552.967+/-0.252 χ^2/NDF : 1321532.0/34

All: 1548.973+/-0.179 χ^2/NDF : 2840039.2/67

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1065.724 $\pm$ 531.565 χ^2 /NDF:12.3/16

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

Left In: 1723.848 $\pm$ 537.646 χ^2 /NDF:16.6/15

Left: 1391.043 $\pm$ 378.005 χ^2 /NDF: 29.7/32

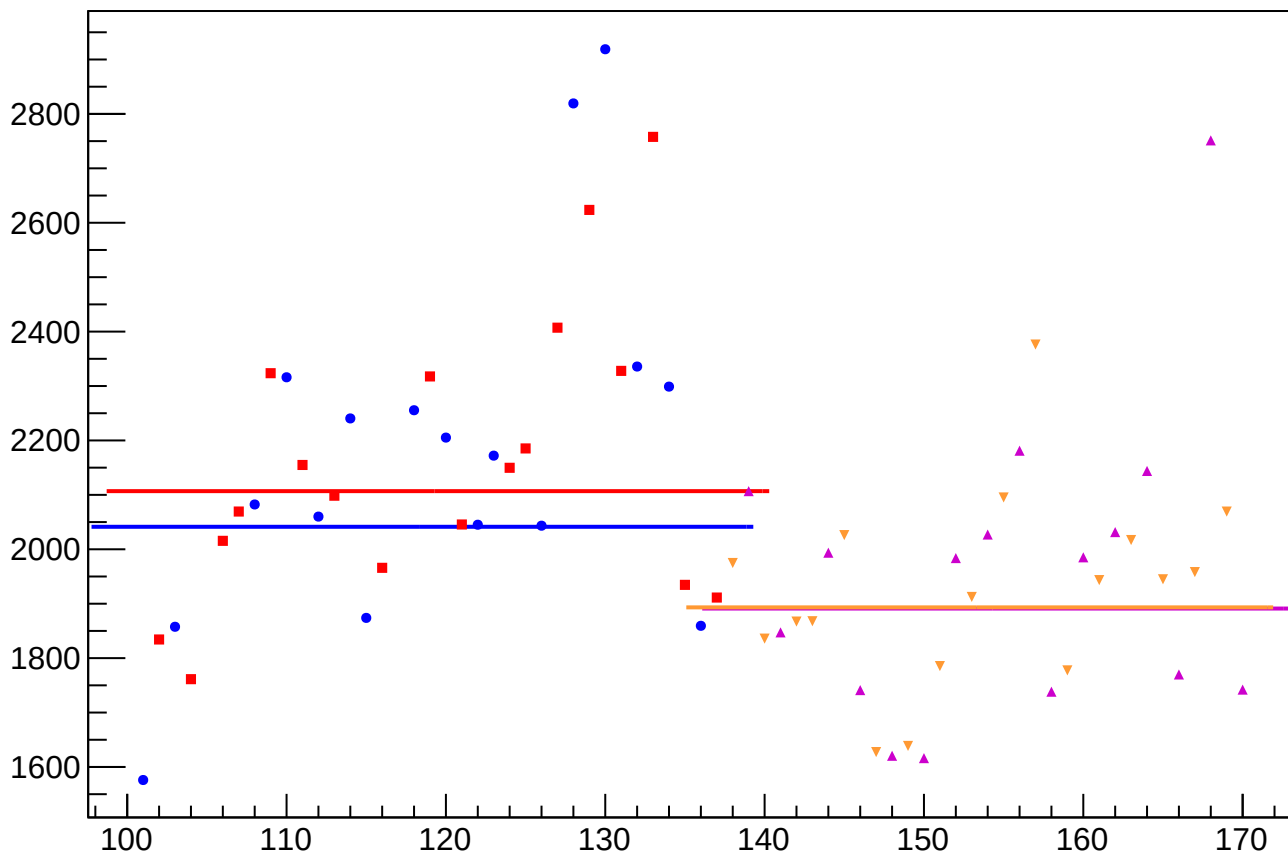
Right: 2906.573 $\pm$ 565.416 χ^2 /NDF: 28.6/34

In: 2124.005 $\pm$ 446.174 χ^2 /NDF:35.7/32

Out: 1598.492 $\pm$ 442.670 χ^2 /NDF:26.8/34

All: 1859.177 $\pm$ 314.246 χ^2 /NDF: 63.3/67

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1893.263+/-0.376 χ^2/NDF : 203788.8/16

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

Left In: 1891.112+/-0.380 χ^2/NDF : 387326.0/15

Left: 1892.200+/-0.267 χ^2/NDF : 591131.1/32

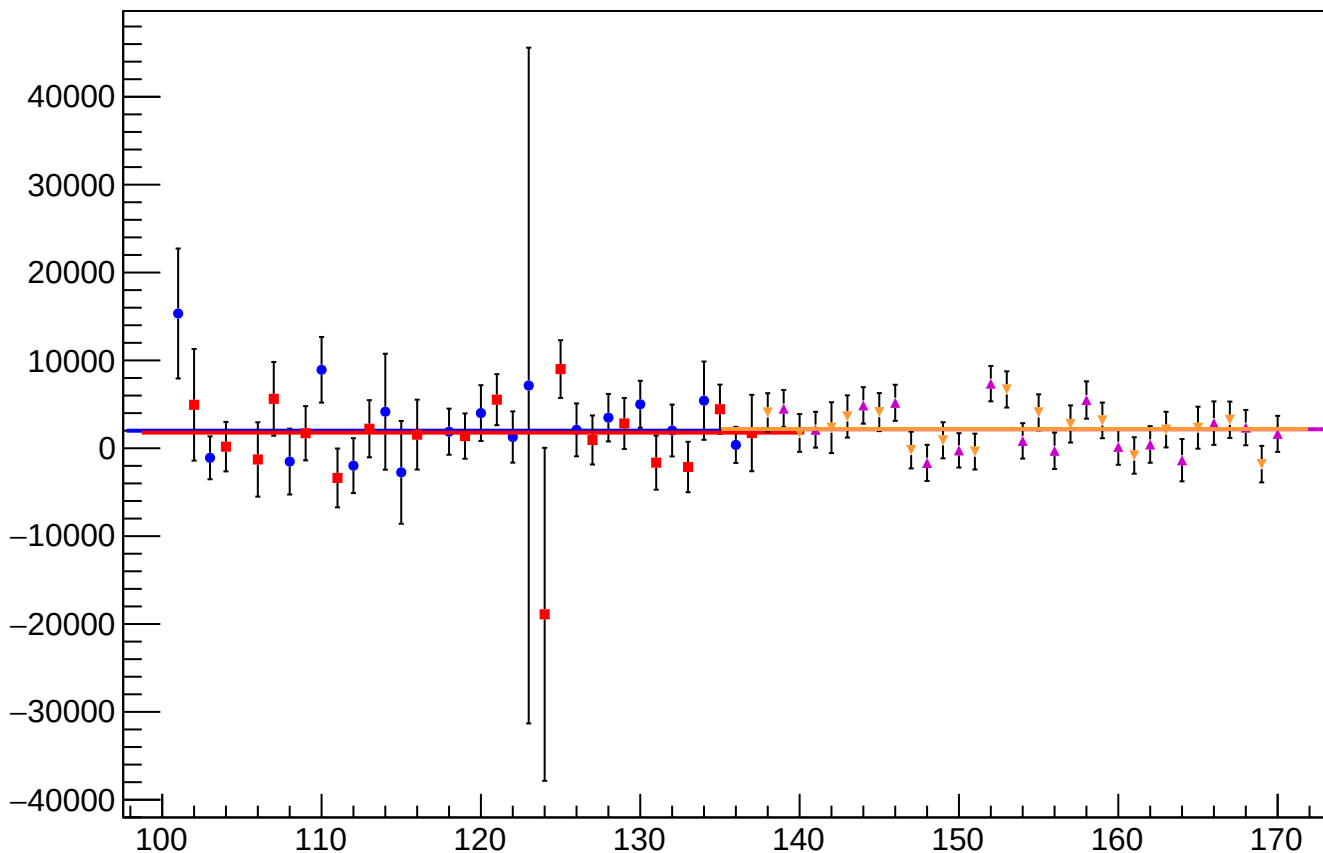
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1937.884+/-0.315 χ^2/NDF : 774381.2/32

Out: 1958.725+/-0.313 χ^2/NDF : 499472.5/34

All: 1948.387+/-0.222 χ^2/NDF : 1276052.8/67

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2193.912 $\pm$ 520.235 χ^2 /NDF:17.2/16

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

Left In: 2162.010 $\pm$ 521.954 χ^2 /NDF:25.0/15

Left: 2178.014 $\pm$ 368.468 χ^2 /NDF: 42.2/32

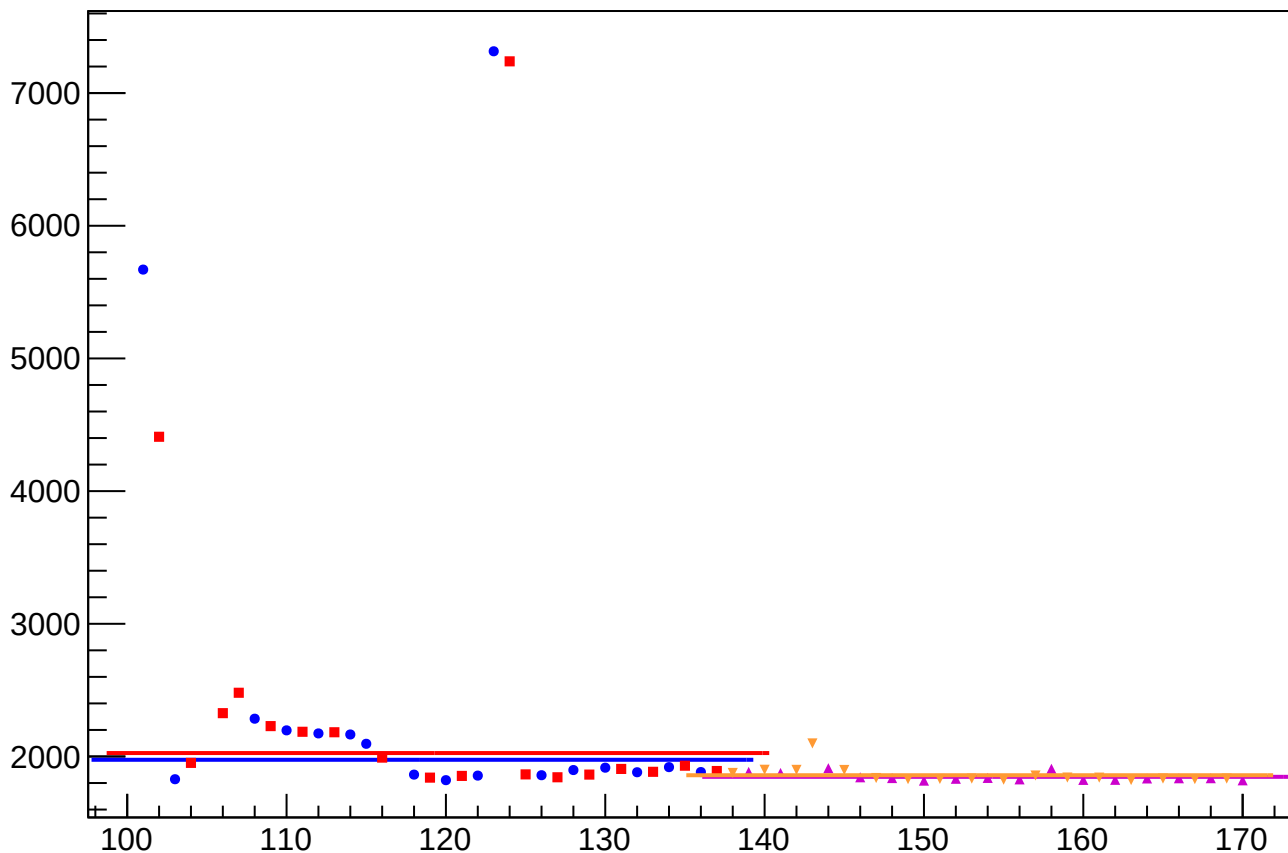
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2112.013 $\pm$ 434.066 χ^2 /NDF:39.8/32

Out: 2067.449 $\pm$ 433.114 χ^2 /NDF:33.7/34

All: 2089.682 $\pm$ 306.594 χ^2 /NDF: 73.5/67

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1858.665+/-0.368 χ^2/NDF : 25532.3/16

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

Left In: 1846.729+/-0.369 χ^2/NDF : 6365.7/15

Left: 1852.717+/-0.261 χ^2/NDF : 32422.7/32

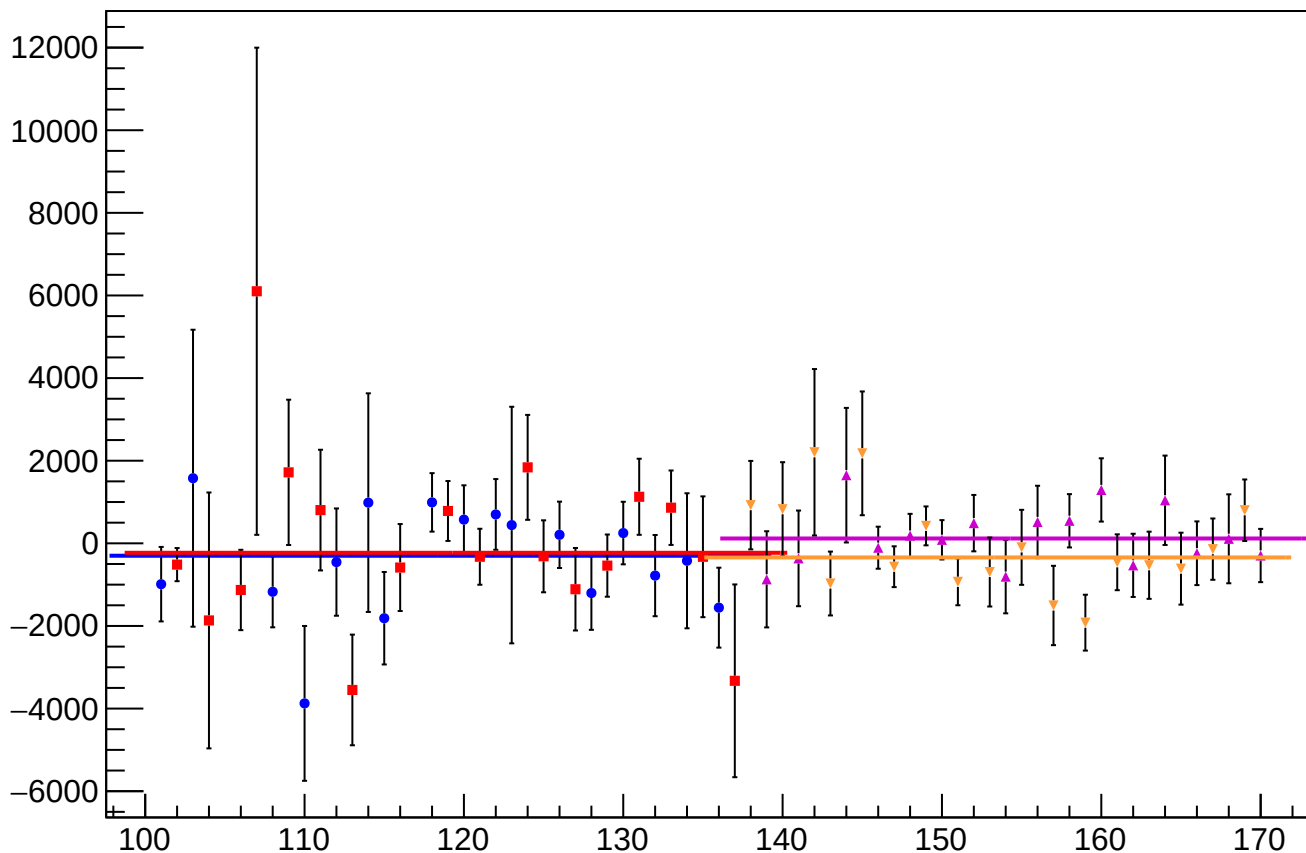
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1886.323+/-0.307 χ^2/NDF : 643513.2/32

Out: 1909.978+/-0.306 χ^2/NDF : 624320.2/34

All: 1898.176+/-0.217 χ^2/NDF : 1270809.9/67

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -341.732 ± 181.725 $\chi^2/\text{NDF}: 21.2/16$

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

Left In: 117.241 ± 182.353 $\chi^2/\text{NDF}: 8.4/15$

Left: -113.038 ± 128.721 $\chi^2/\text{NDF}: 32.9/32$

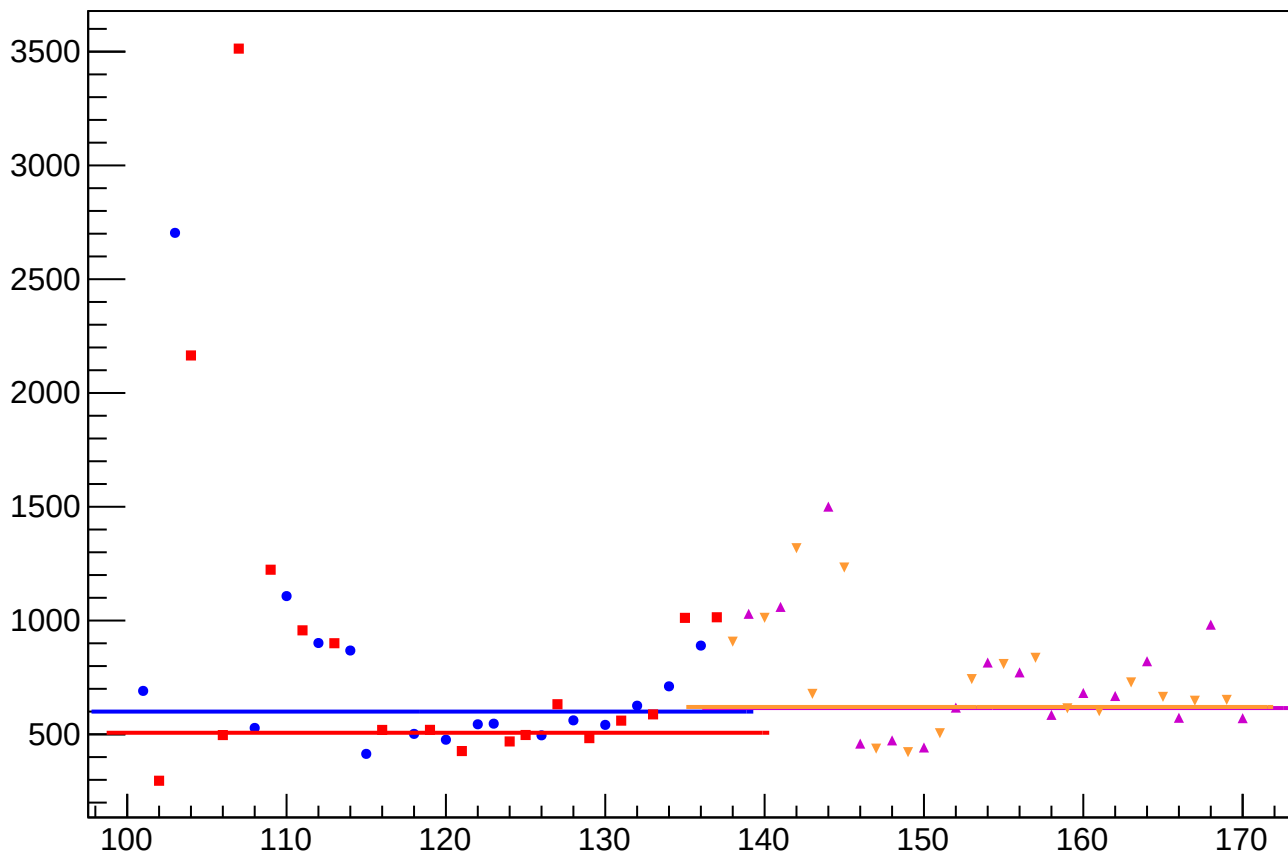
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -30.243 ± 146.624 $\chi^2/\text{NDF}: 27.6/32$

Out: -294.828 ± 138.957 $\chi^2/\text{NDF}: 43.2/34$

All: -169.634 ± 100.859 $\chi^2/\text{NDF}: 72.5/67$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.302 $\pm$ 0.128 χ^2 /NDF:1959048.9/16

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

Left In: 615.452 $\pm$ 0.129 χ^2 /NDF:2251233.4/15

Left: 617.886 $\pm$ 0.091 χ^2 /NDF: 4210992.1/32

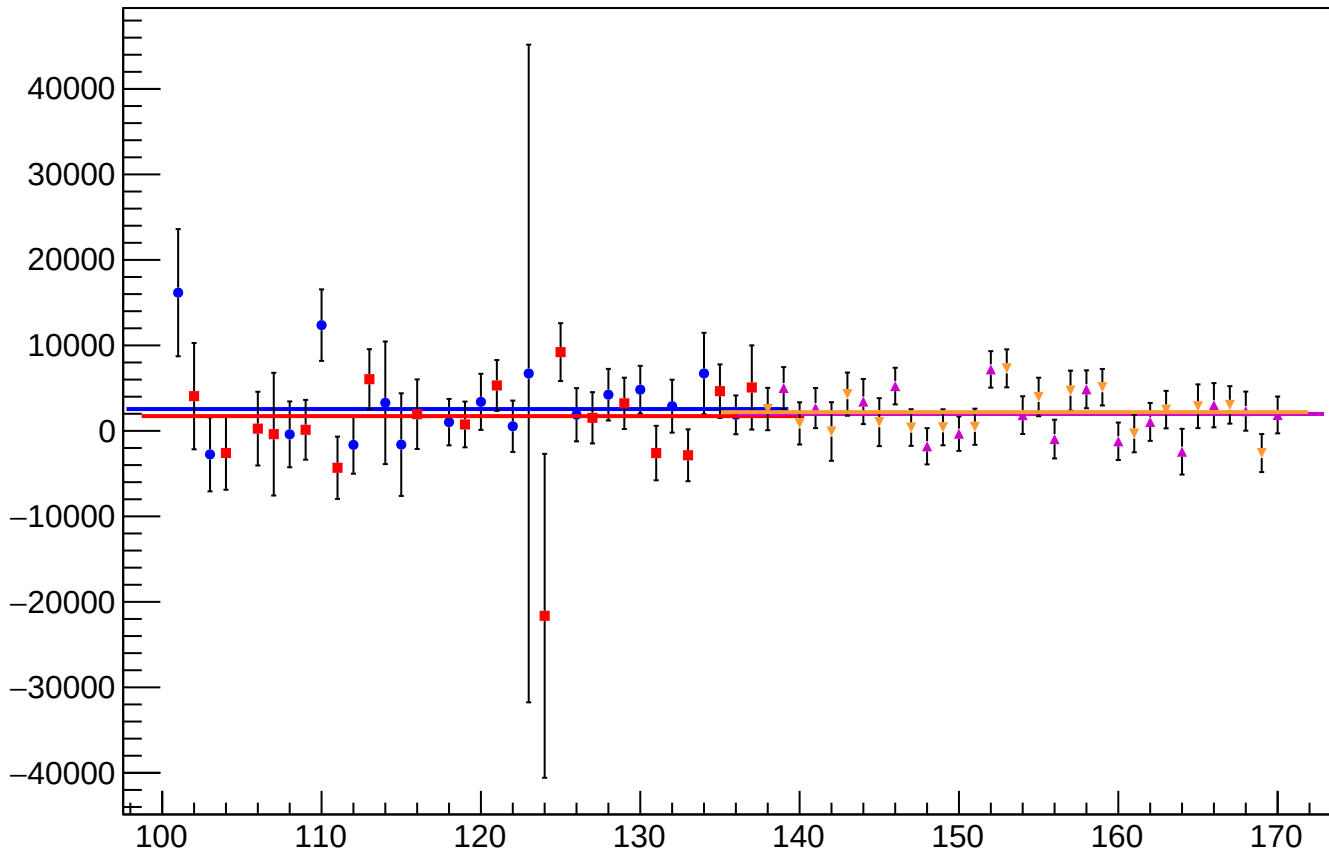
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 609.974 $\pm$ 0.104 χ^2 /NDF:3637390.0/32

Out: 573.196 $\pm$ 0.098 χ^2 /NDF:5043504.8/34

All: 590.598 $\pm$ 0.071 χ^2 /NDF: 8747186.9/67

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2191.534 $\pm$ 563.981 χ^2 /NDF:18.8/16

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

Left In: 1978.395 $\pm$ 567.073 χ^2 /NDF:23.3/15

Left: 2085.547 $\pm$ 399.884 χ^2 /NDF: 42.2/32

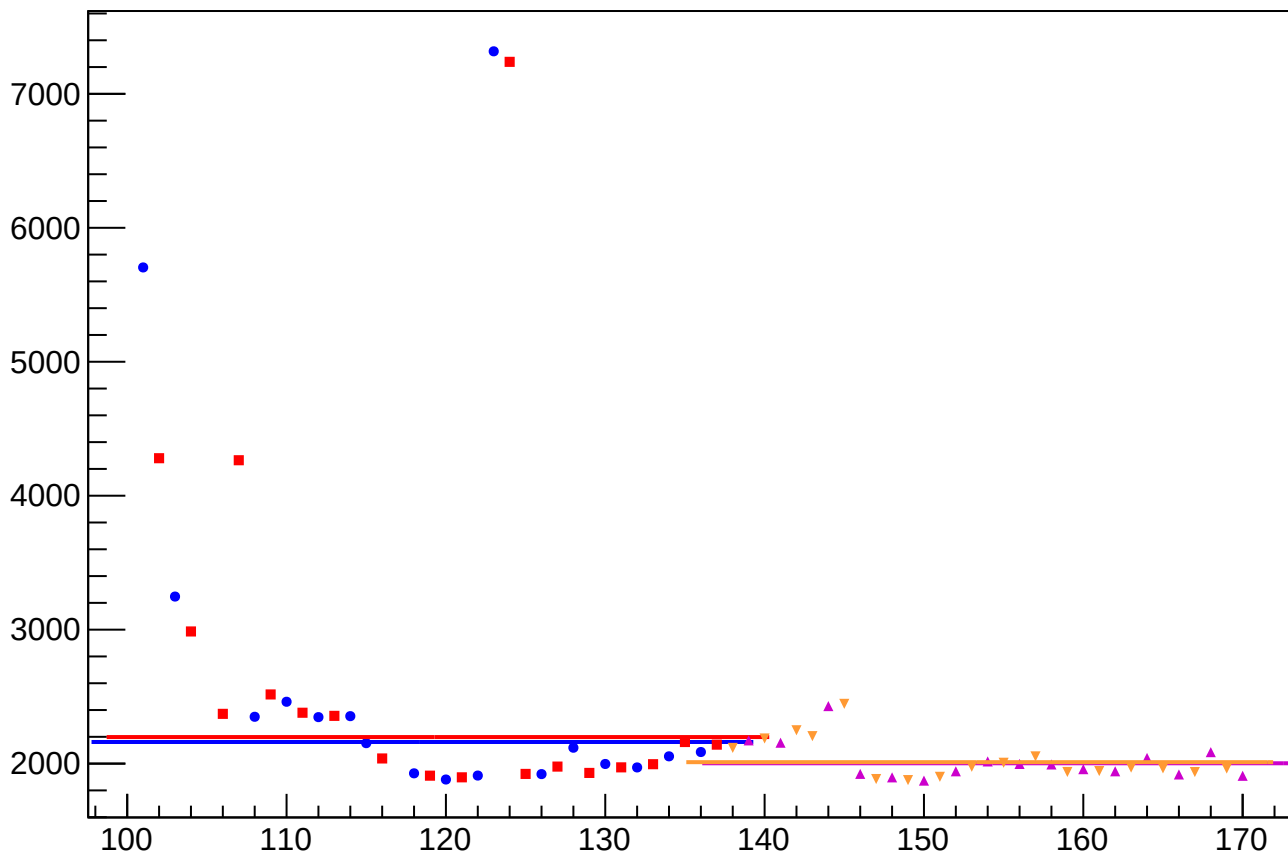
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2153.010 $\pm$ 473.235 χ^2 /NDF:39.3/32

Out: 2050.752 $\pm$ 470.812 χ^2 /NDF:38.5/34

All: 2101.619 $\pm$ 333.768 χ^2 /NDF: 77.9/67

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2010.787 ± 0.399 χ^2/NDF : 113832.3/16

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

Left In: 2002.479 ± 0.401 χ^2/NDF : 99550.0/15

Left: 2006.656 ± 0.283 χ^2/NDF : 213598.1/32

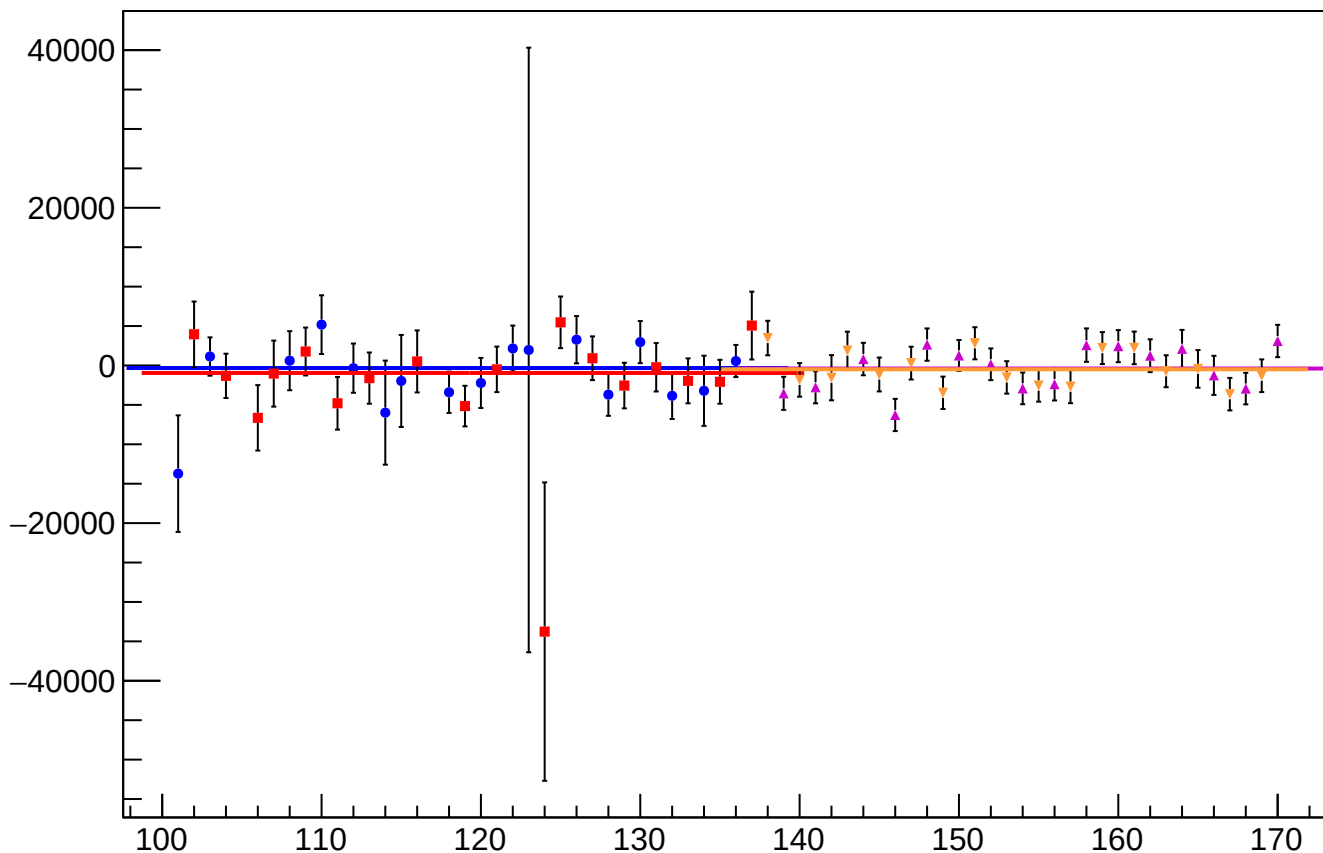
Right: 2179.883 ± 0.429 χ^2/NDF : 1446967.4/34

In: 2050.728 ± 0.335 χ^2/NDF : 858499.1/32

Out: 2067.590 ± 0.333 χ^2/NDF : 914638.7/34

All: 2059.202 ± 0.236 χ^2/NDF : 1774413.8/67

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -485.335+/-518.686 χ^2 /NDF:18.1/16

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

Left In: -390.393+/-520.650 χ^2 /NDF:28.0/15

Left: -438.044+/-367.459 χ^2 /NDF: 46.1/32

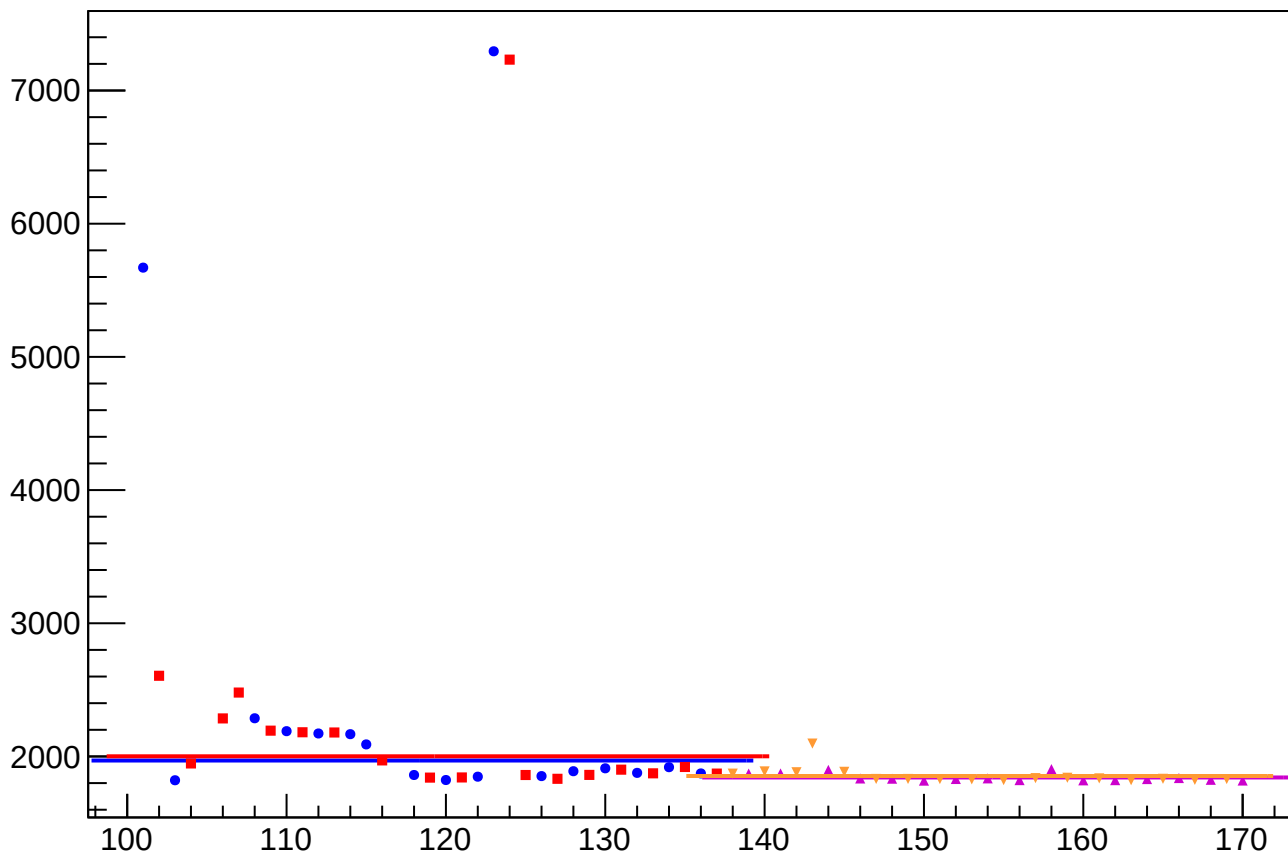
Right: -641.256+/-547.905 χ^2 /NDF: 34.3/34

In: -369.831+/-432.956 χ^2 /NDF:43.7/32

Out: -630.703+/-430.237 χ^2 /NDF:36.6/34

All: -501.089+/-305.181 χ^2 /NDF: 80.5/67

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1853.210+/-0.367 χ^2/NDF : 24959.4/16

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

Left In: 1842.170+/-0.368 χ^2/NDF : 5598.9/15

Left: 1847.711+/-0.260 χ^2/NDF : 31009.6/32

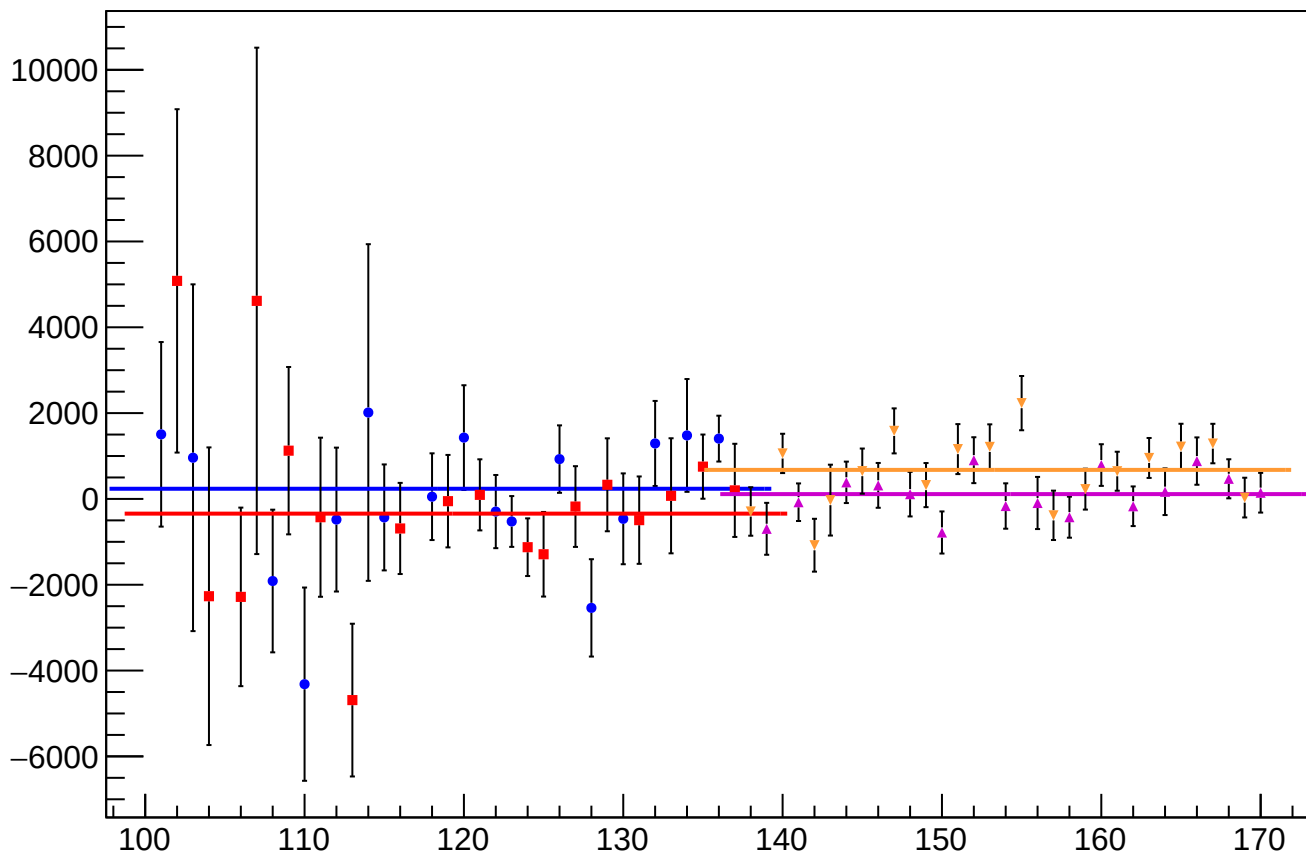
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1881.449+/-0.306 χ^2/NDF : 645307.8/32

Out: 1899.372+/-0.304 χ^2/NDF : 366361.2/34

All: 1890.467+/-0.216 χ^2/NDF : 1013393.4/67

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 676.648 $\pm$ 127.129 χ^2 /NDF:33.2/16

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

Left In: 112.309 $\pm$ 125.991 χ^2 /NDF:14.5/15

Left: 391.943 $\pm$ 89.489 χ^2 /NDF: 57.6/32

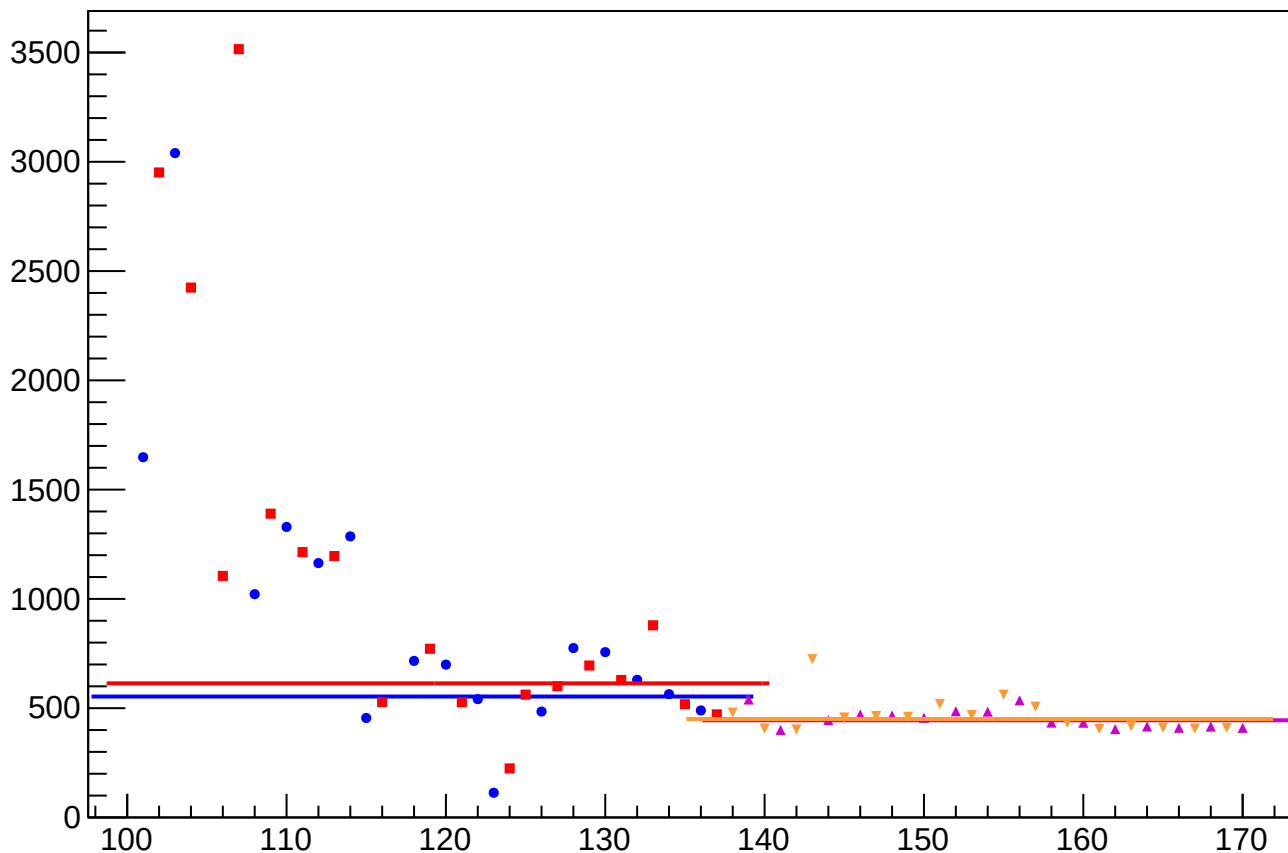
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 137.763 $\pm$ 112.383 χ^2 /NDF:38.6/32

Out: 490.051 $\pm$ 114.906 χ^2 /NDF:60.8/34

All: 309.996 $\pm$ 80.344 χ^2 /NDF: 104.2/67

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 450.575+/-0.090 χ^2/NDF : 446582.8/16

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

Left In: 444.697+/-0.089 χ^2/NDF : 197284.3/15

Left: 447.610+/-0.063 χ^2/NDF : 646024.7/32

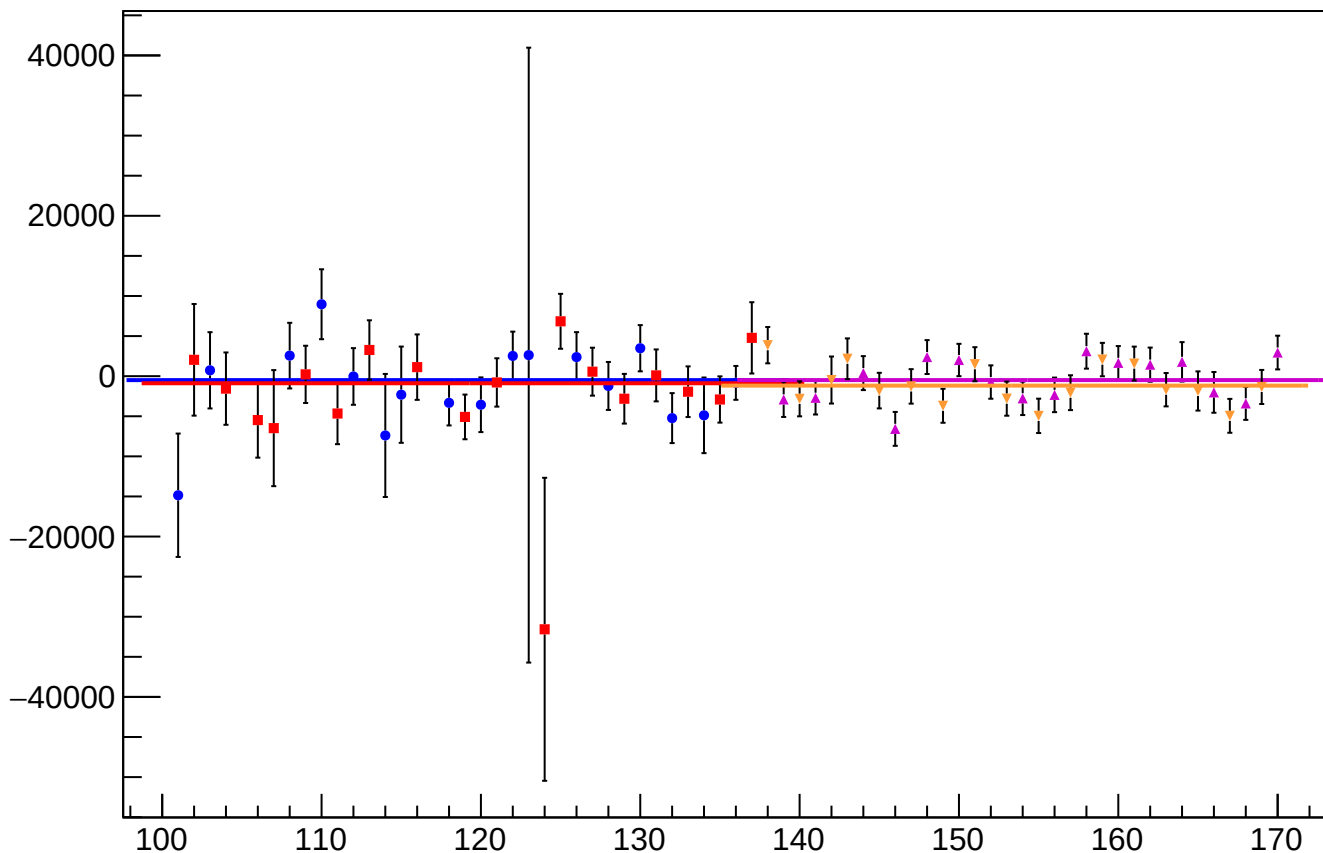
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 466.886+/-0.079 χ^2/NDF : 3913602.2/32

Out: 480.411+/-0.081 χ^2/NDF : 4524780.0/34

All: 473.498+/-0.057 χ^2/NDF : 8452543.5/67

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1176.365 ± 535.391 χ^2/NDF : 21.7/16

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

Left In: -488.193 ± 536.312 χ^2/NDF : 26.6/15

Left: -832.871 ± 378.904 χ^2/NDF : 49.1/32

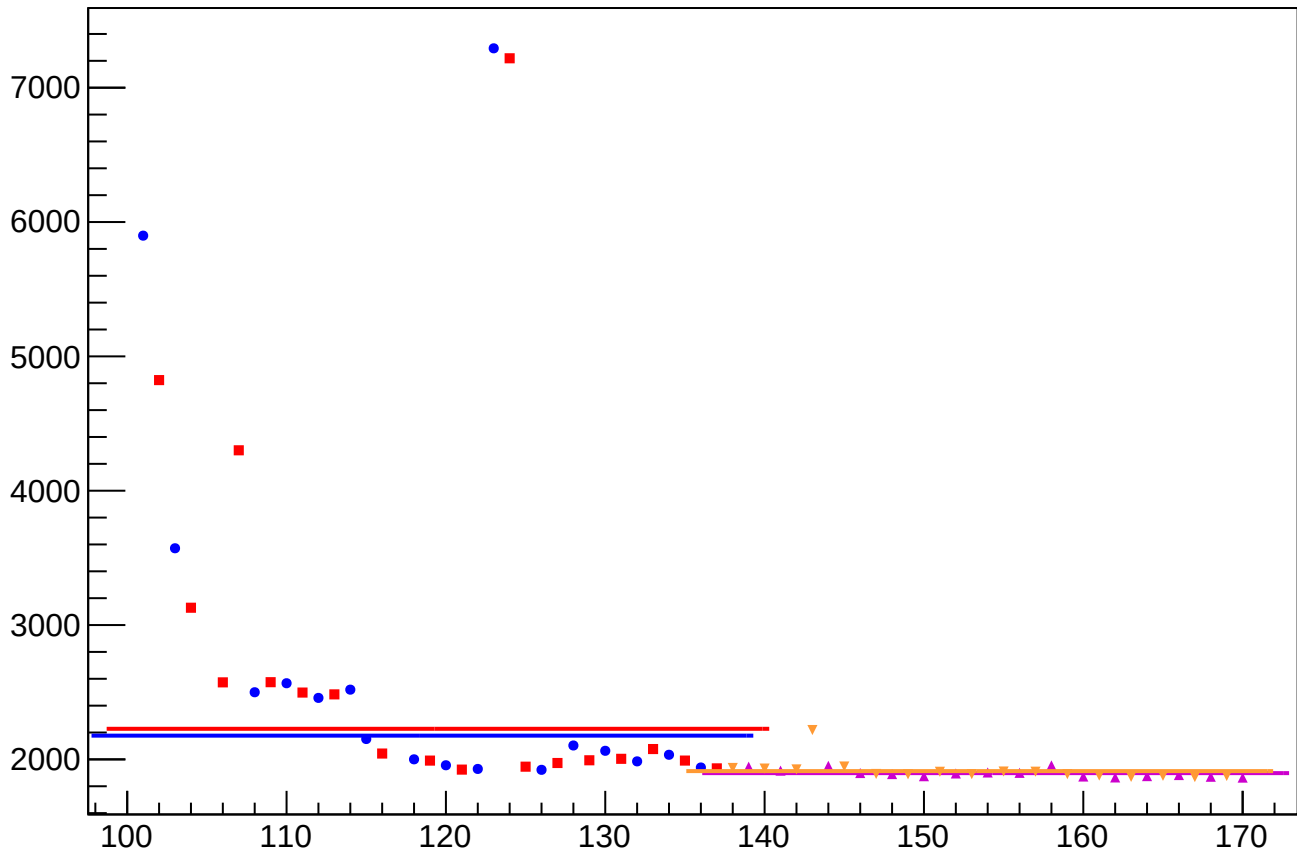
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

In: -489.228 ± 456.246 χ^2/NDF : 45.2/32

Out: -1096.122 ± 455.845 χ^2/NDF : 39.0/34

All: -792.942 ± 322.473 χ^2/NDF : 85.1/67

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1912.772 $\pm$ 0.379 χ^2 /NDF: 34055.2/16

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

Left In: 1897.742 $\pm$ 0.379 χ^2 /NDF: 5959.6/15

Left: 1905.270 $\pm$ 0.268 χ^2 /NDF: 40801.6/32

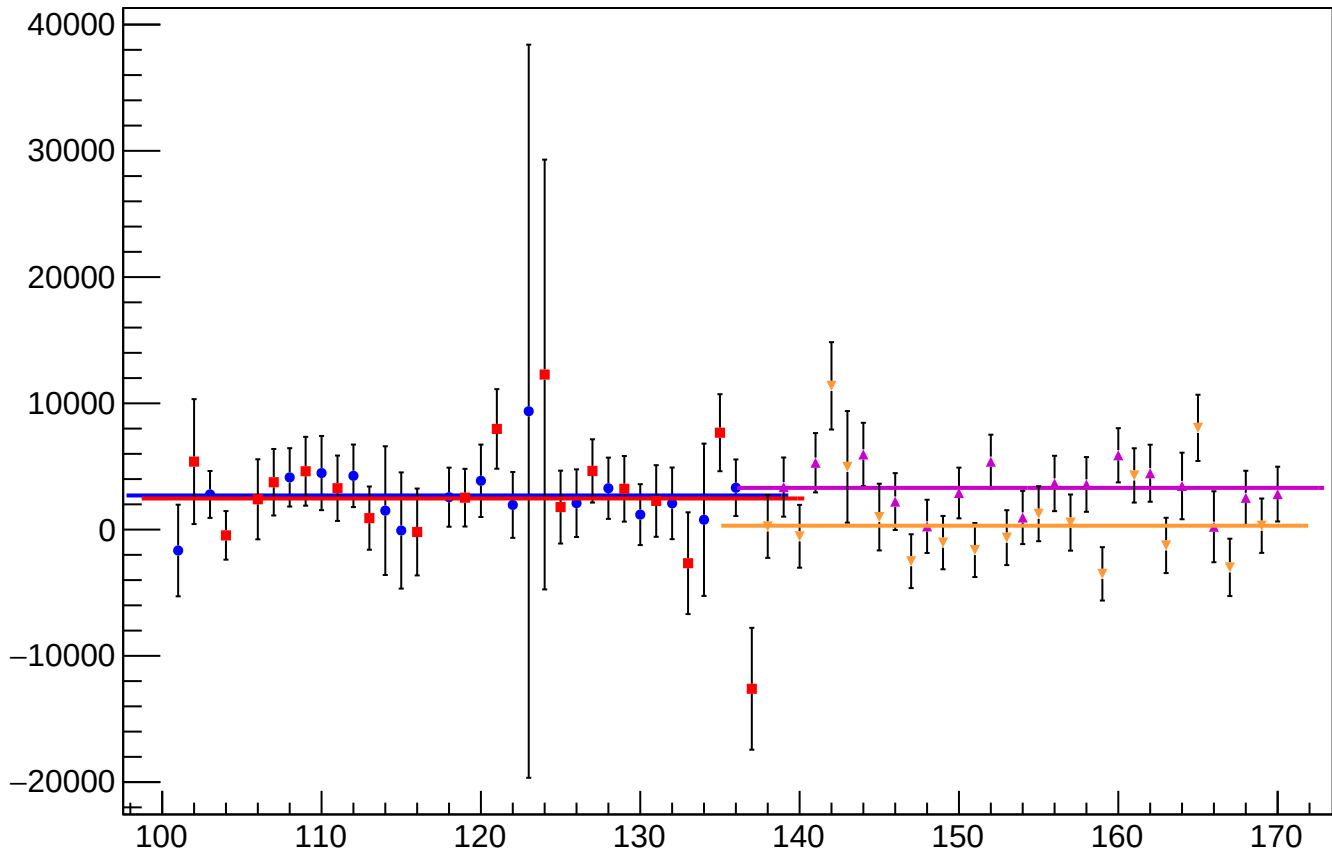
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 1974.829 $\pm$ 0.323 χ^2 /NDF: 958187.6/32

Out: 1999.399 $\pm$ 0.322 χ^2 /NDF: 1050061.5/34

All: 1987.125 $\pm$ 0.228 χ^2 /NDF: 2011151.8/67

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 308.045 $\pm$ 568.846 χ^2/NDF : 32.9/16

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

Left In: 3303.411 $\pm$ 561.537 χ^2/NDF : 9.5/15

Left: 1825.097 $\pm$ 399.626 χ^2/NDF : 56.5/32

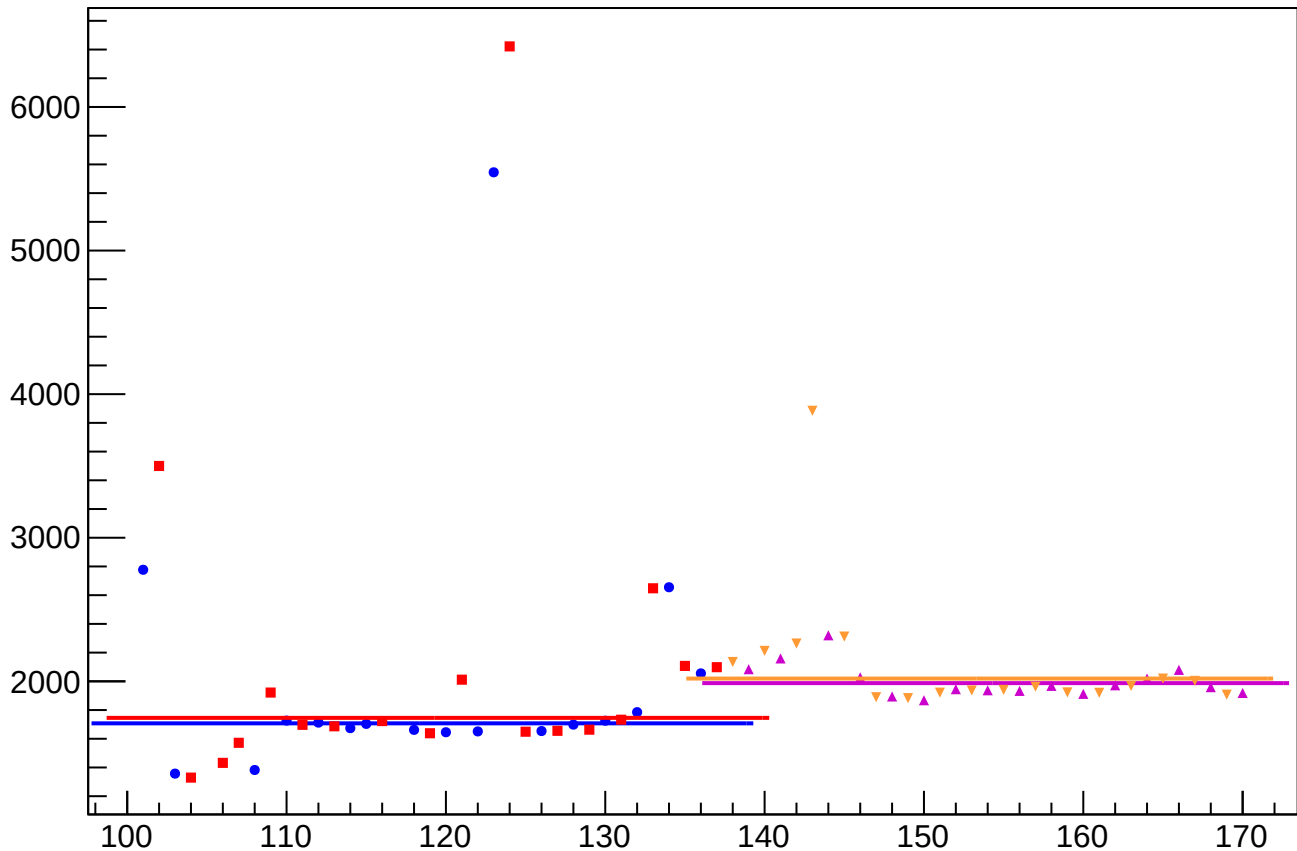
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

In: 3057.572 $\pm$ 431.399 χ^2/NDF : 14.0/32

Out: 1190.863 $\pm$ 437.173 χ^2/NDF : 62.0/34

All: 2136.627 $\pm$ 307.066 χ^2/NDF : 85.3/67

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2019.364 $\pm$ 0.402 χ^2/NDF : 448589.4/16

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

Left In: 1987.454 $\pm$ 0.397 χ^2/NDF : 71613.3/15

Left: 2003.202 $\pm$ 0.283 χ^2/NDF : 523390.2/32

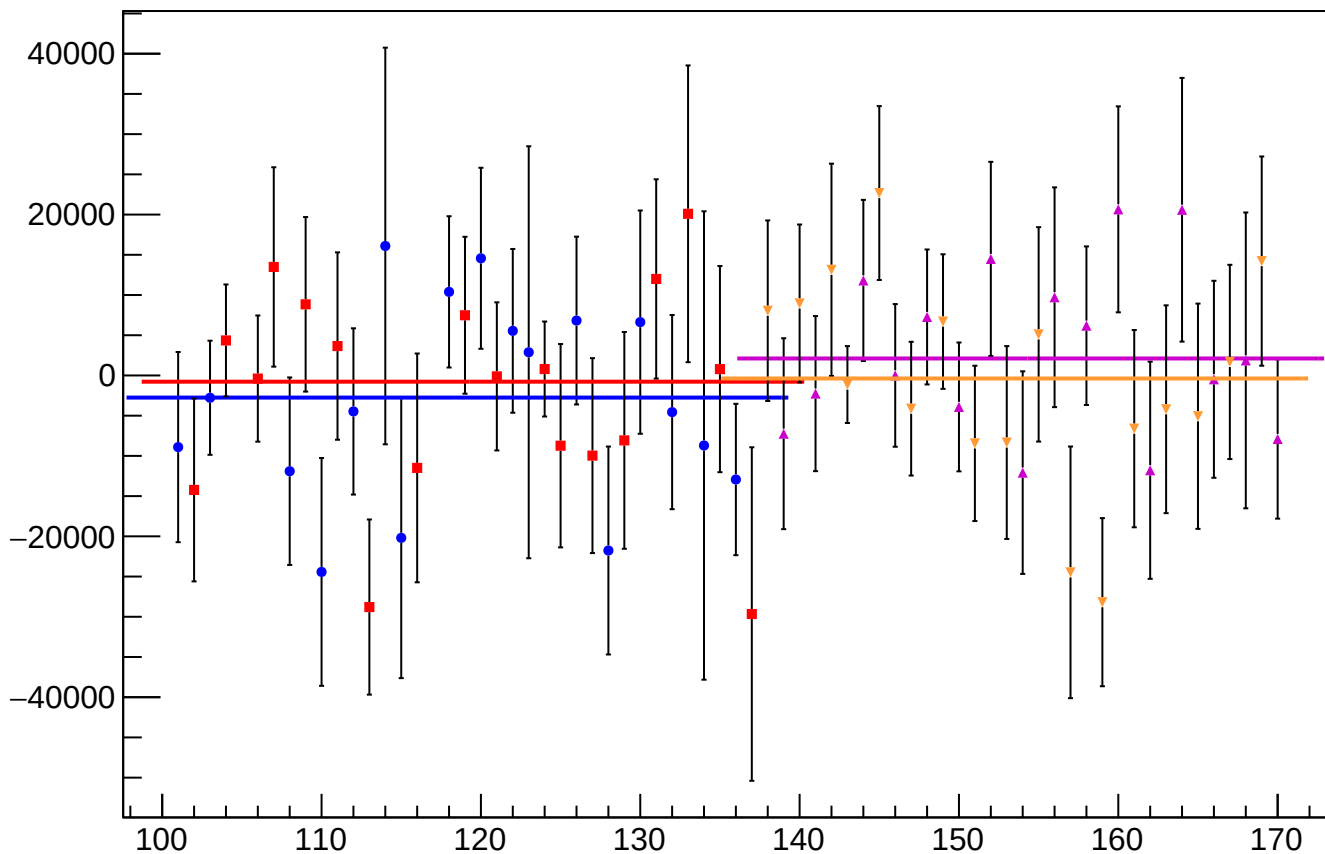
Right: 1726.210 $\pm$ 0.339 χ^2/NDF : 1124571.0/34

In: 1872.683 $\pm$ 0.305 χ^2/NDF : 697657.2/32

Out: 1907.237 $\pm$ 0.309 χ^2/NDF : 1337589.7/34

All: 1889.732 $\pm$ 0.217 χ^2/NDF : 2041578.1/67

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -376.139 $\pm$ 2409.668 χ^2 /NDF:20.5/16

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

Left In: 2109.671 $\pm$ 2728.855 χ^2 /NDF:11.1/15

Left: 712.950 $\pm$ 1806.251 χ^2 /NDF: 32.0/32

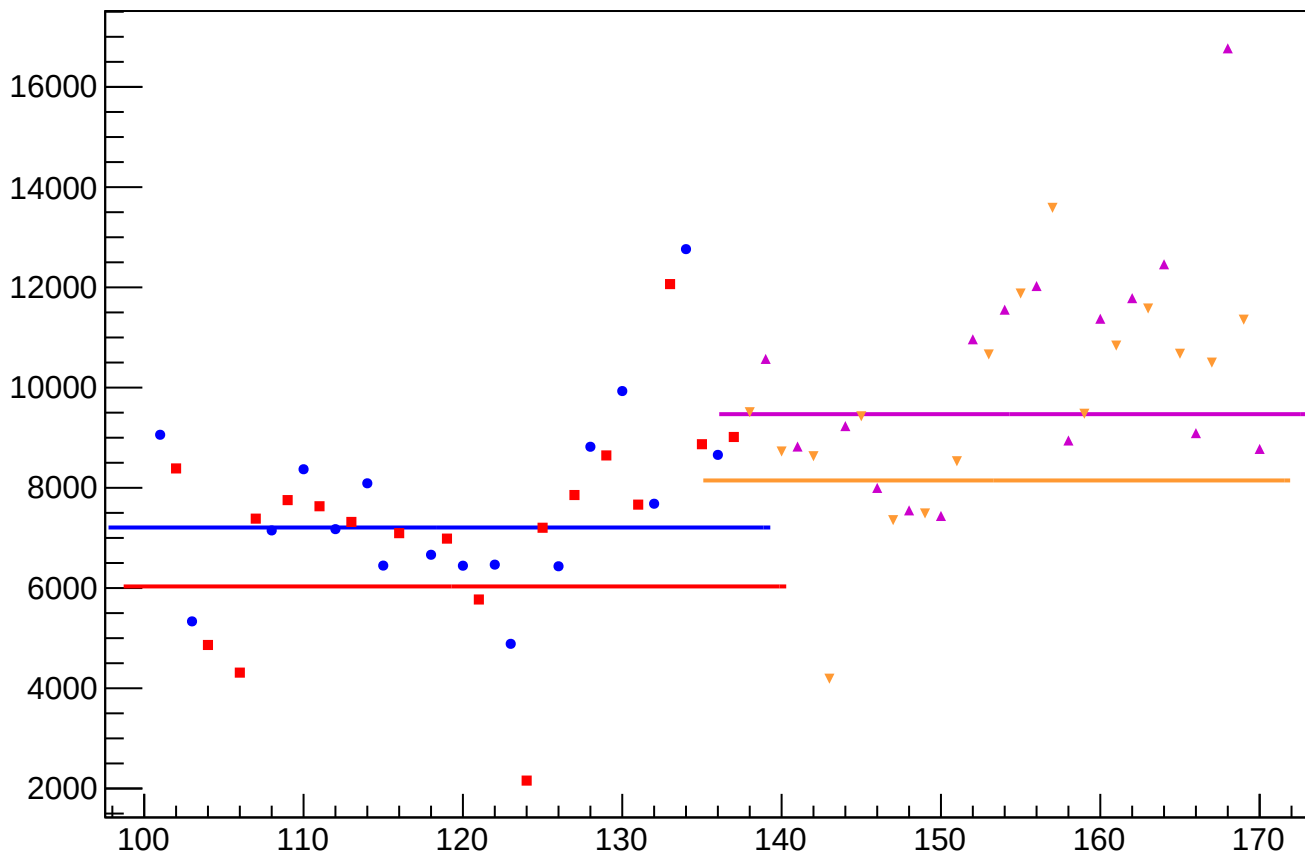
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -221.511 $\pm$ 1968.509 χ^2 /NDF:27.2/32

Out: -572.971 $\pm$ 1714.789 χ^2 /NDF:38.3/34

All: -421.337 $\pm$ 1292.999 χ^2 /NDF: 65.5/67

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8147.064 $\pm$ 1.704 χ^2 /NDF: 2489924.8/16

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

Left In: 9469.955 $\pm$ 1.930 χ^2 /NDF: 973640.2/15

Left: 8726.652 $\pm$ 1.277 χ^2 /NDF: 3727659.2/32

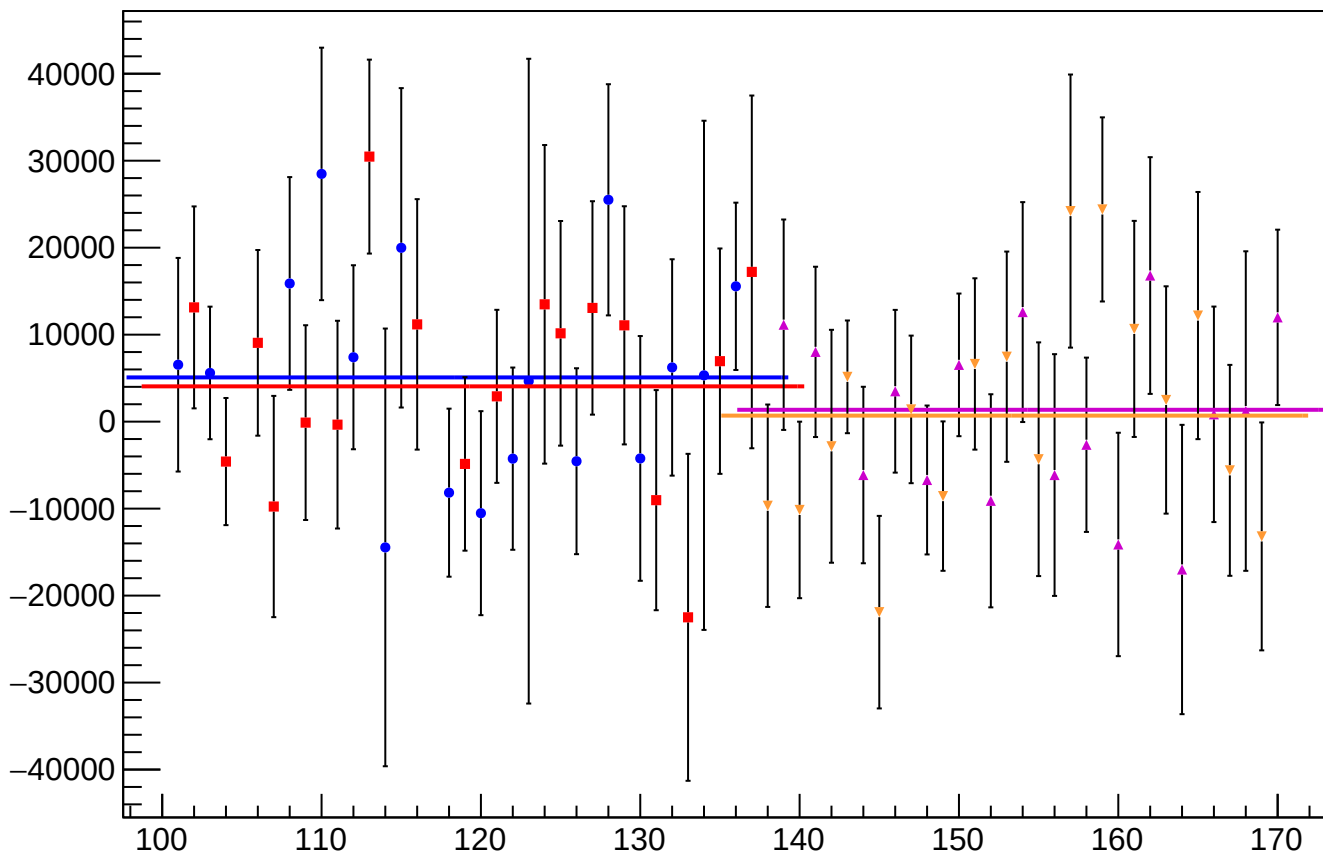
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8385.224 $\pm$ 1.392 χ^2 /NDF: 2126273.6/32

Out: 7103.196 $\pm$ 1.213 χ^2 /NDF: 5047892.5/34

All: 7656.316 $\pm$ 0.914 χ^2 /NDF: 7656474.8/67

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 691.967 $\pm$ 2601.942 χ^2 /NDF:18.6/16

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

Left In: 1361.889 $\pm$ 2780.041 χ^2 /NDF:10.0/15

Left: 1004.784 $\pm$ 1899.695 χ^2 /NDF: 28.7/32

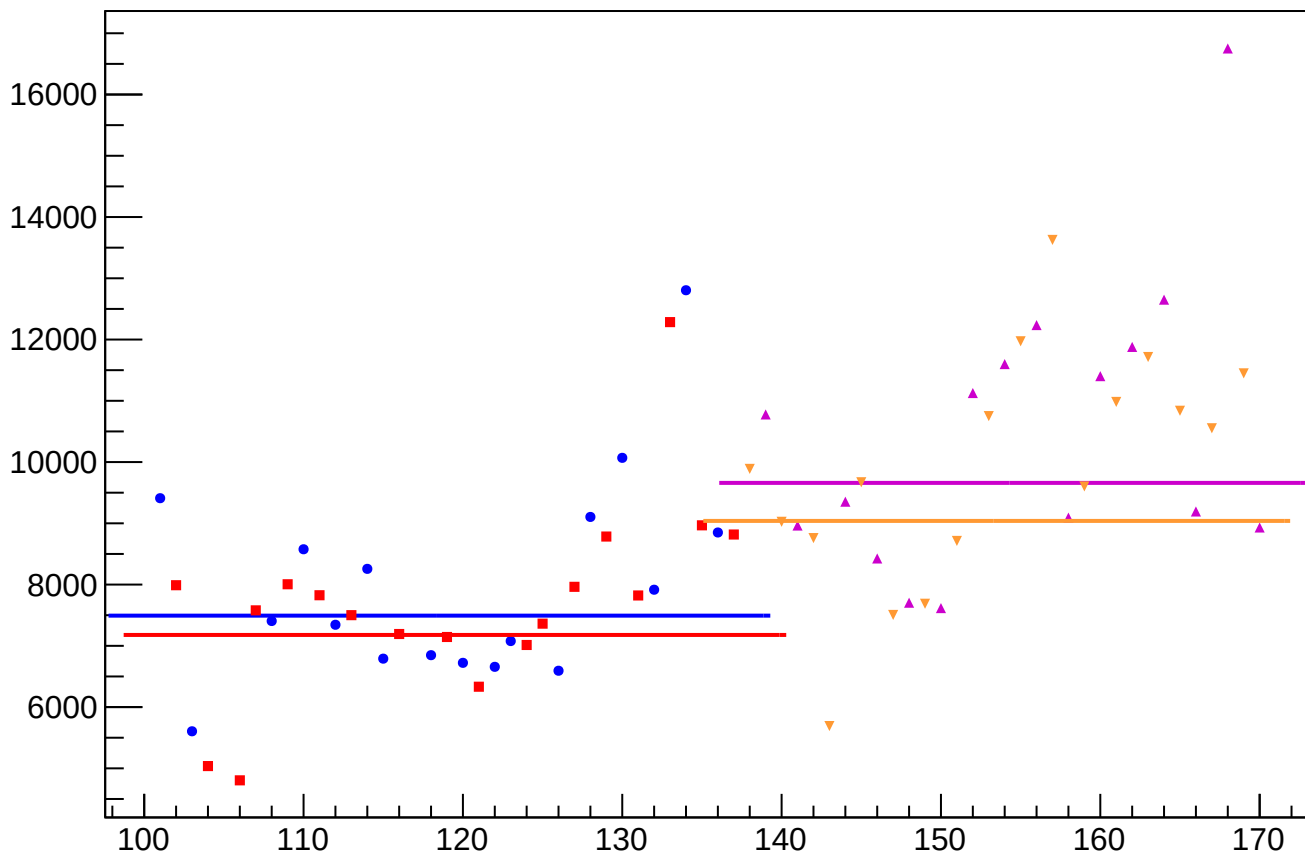
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3109.641 $\pm$ 2024.893 χ^2 /NDF:24.8/32

Out: 2250.574 $\pm$ 1906.051 χ^2 /NDF:34.6/34

All: 2654.160 $\pm$ 1387.894 χ^2 /NDF: 59.5/67

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9039.259+/-1.840 χ^2/NDF :1244879.5/16

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

Left In: 9659.973+/-1.966 χ^2/NDF :909477.1/15

Left: 9329.098+/-1.343 χ^2/NDF : 2207504.2/32

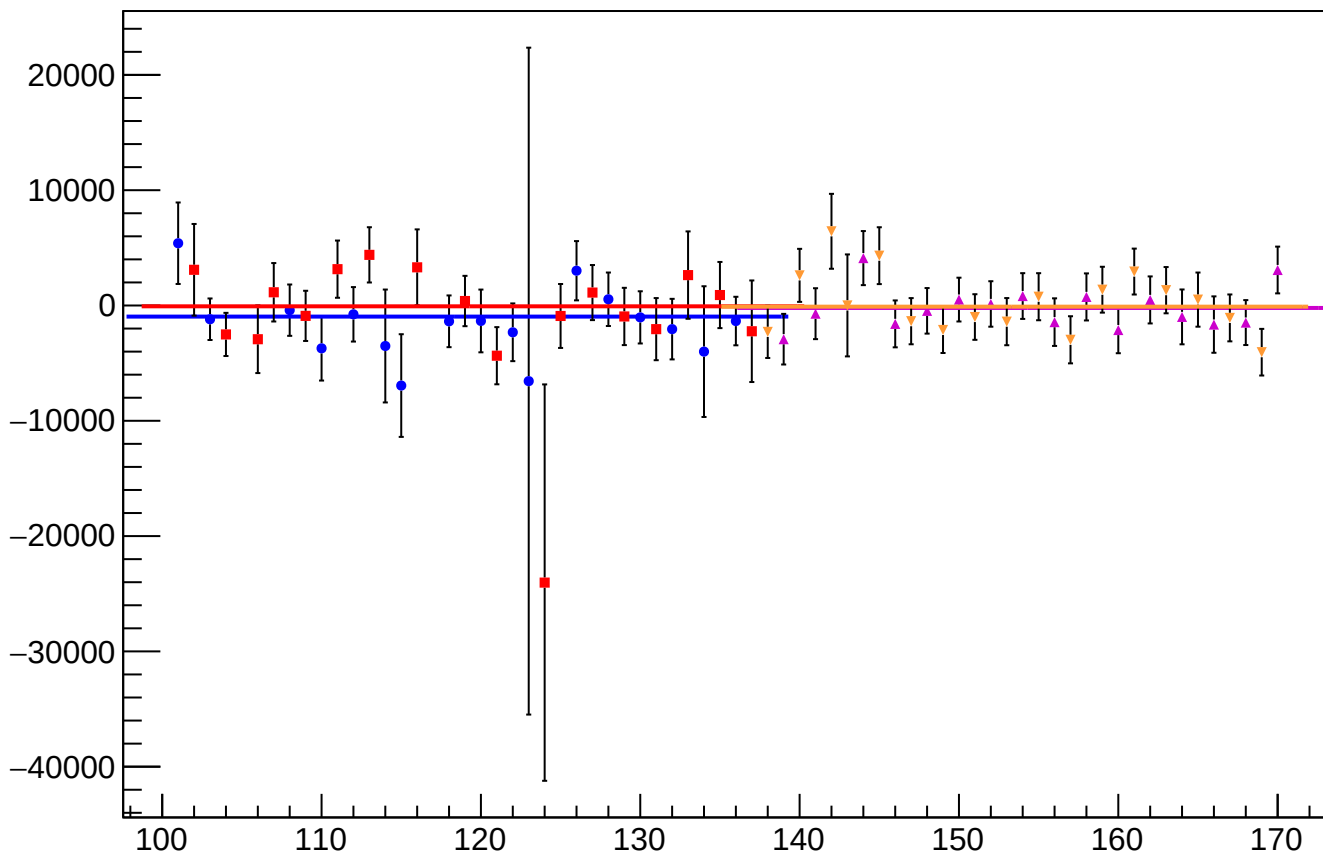
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8642.556+/-1.432 χ^2/NDF :1917114.8/32

Out: 8176.597+/-1.348 χ^2/NDF :2275161.2/34

All: 8395.491+/-0.981 χ^2/NDF : 4248431.9/67

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -101.023 $\pm$ 527.764 χ^2 /NDF:21.3/16

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

Left In: -212.794 $\pm$ 520.301 χ^2 /NDF:11.0/15

Left: -157.705 $\pm$ 370.519 χ^2 /NDF: 32.3/32

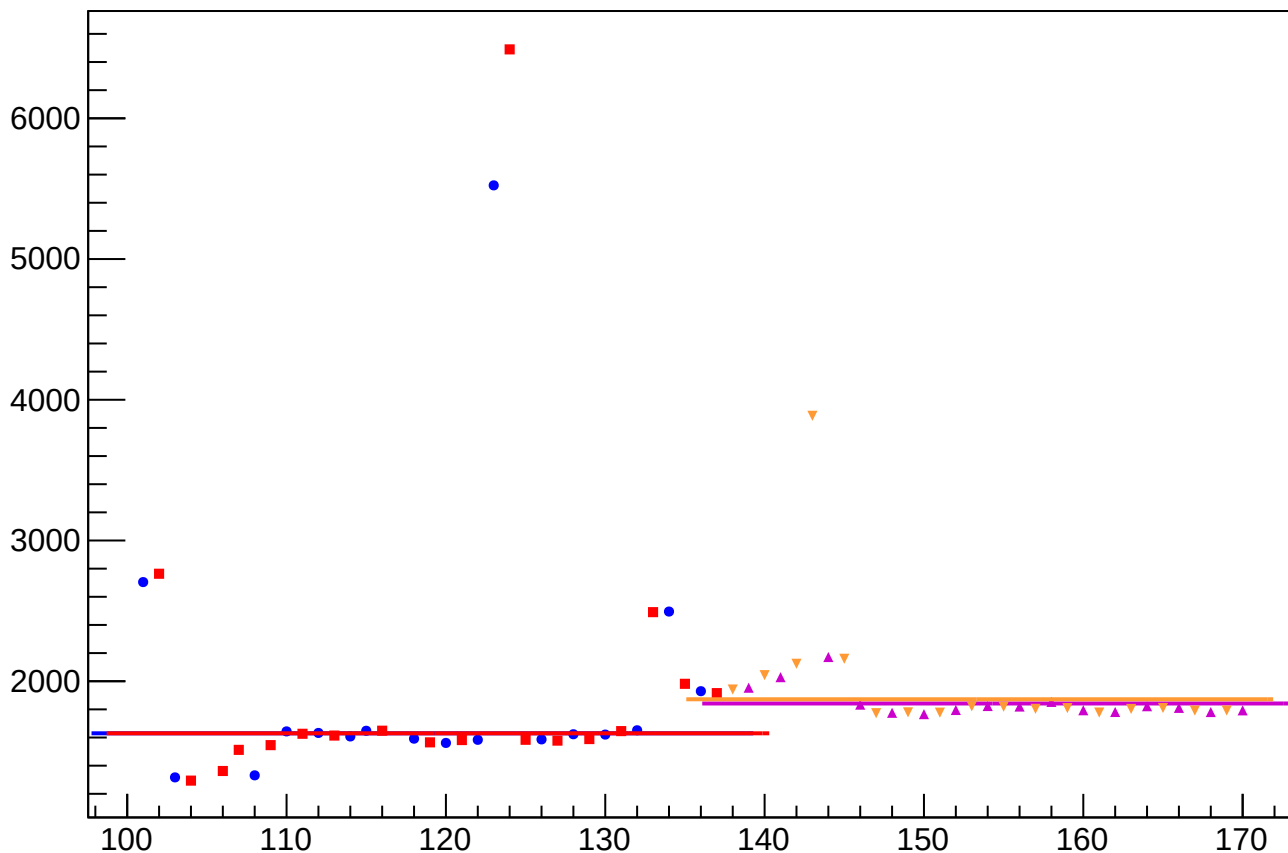
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -509.445 $\pm$ 404.476 χ^2 /NDF:21.9/32

Out: -88.876 $\pm$ 405.730 χ^2 /NDF:38.0/34

All: -299.811 $\pm$ 286.450 χ^2 /NDF: 60.4/67

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1871.774+/-0.373 χ^2/NDF : 502237.2/16

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

Left In: 1841.905+/-0.368 χ^2/NDF : 72705.9/15

Left: 1856.627+/-0.262 χ^2/NDF : 578191.8/32

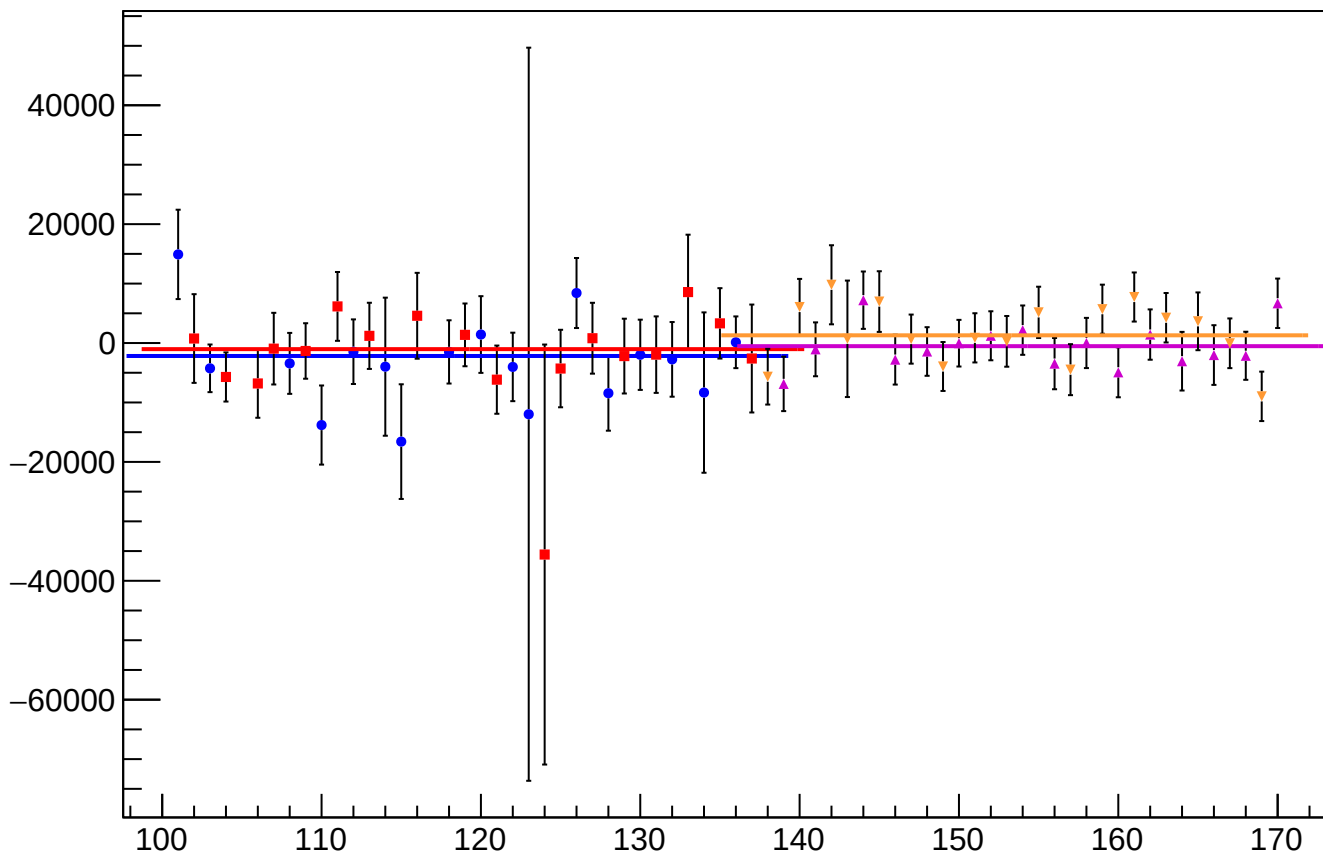
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1758.043+/-0.286 χ^2/NDF : 612175.0/32

Out: 1772.867+/-0.287 χ^2/NDF : 1231444.1/34

All: 1765.432+/-0.203 χ^2/NDF : 1844958.2/67

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1297.626+/-1095.483 χ^2/NDF : 20.9/16

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

Left In: -527.746+/-1078.479 χ^2/NDF : 10.8/15

Left: 370.663+/-768.541 χ^2/NDF : 33.1/32

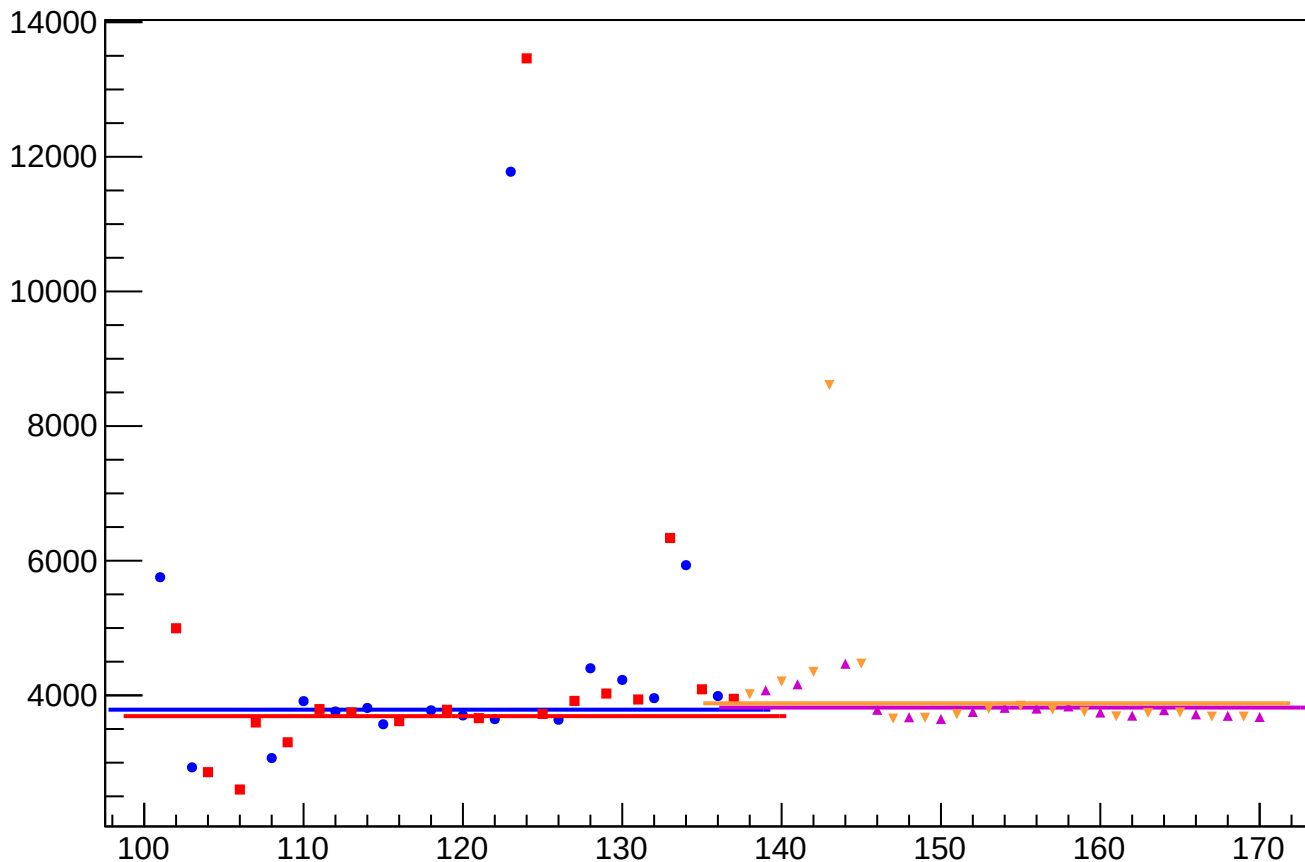
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1094.004+/-874.250 χ^2/NDF : 27.6/32

Out: 447.201+/-872.383 χ^2/NDF : 31.2/34

All: -321.754+/-617.527 χ^2/NDF : 60.3/67

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3881.814+/-0.775 χ^2/NDF : 548977.4/16

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

Left In: 3818.330+/-0.763 χ^2/NDF : 68482.4/15

Left: 3849.576+/-0.543 χ^2/NDF : 620870.7/32

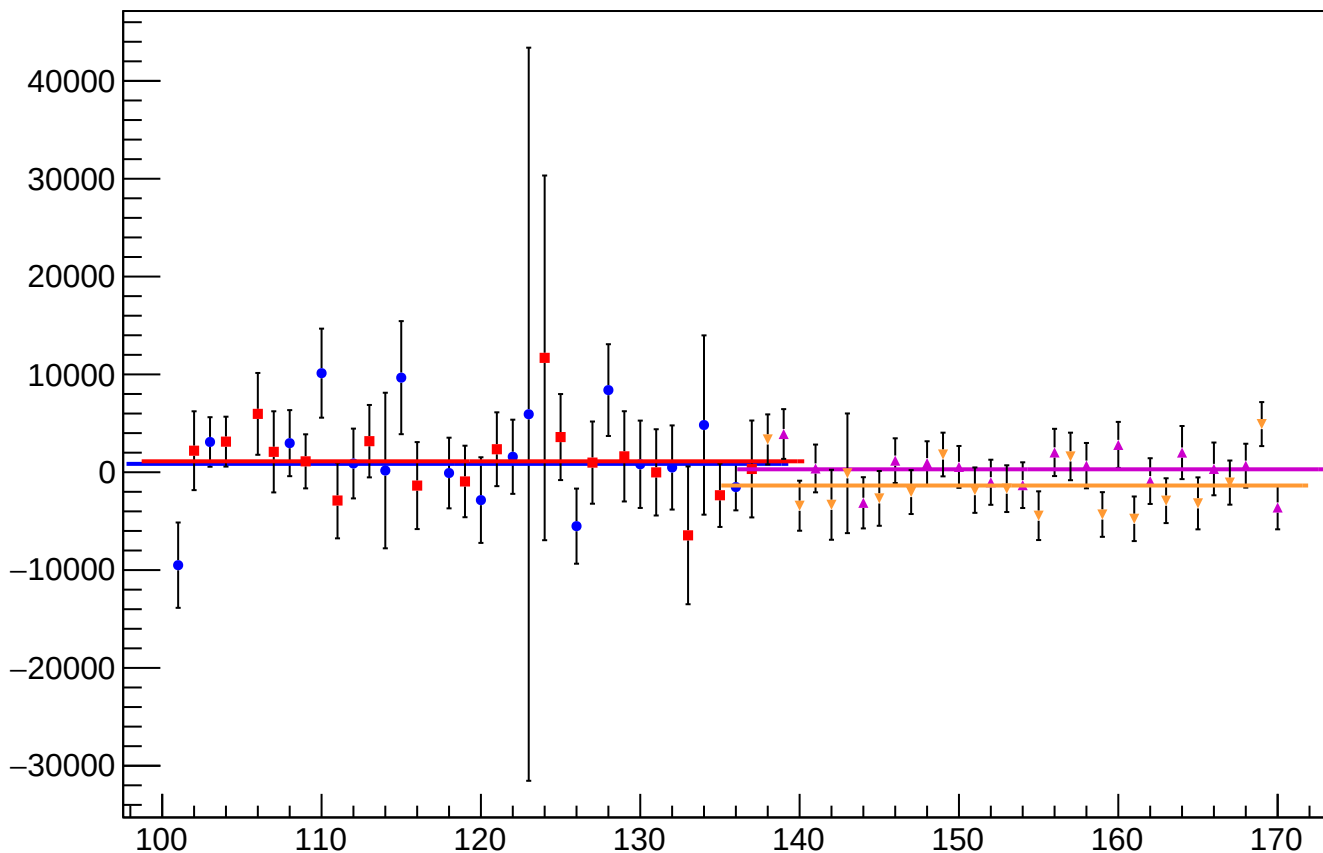
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3807.691+/-0.618 χ^2/NDF : 461700.8/32

Out: 3812.096+/-0.617 χ^2/NDF : 1126276.6/34

All: 3809.898+/-0.437 χ^2/NDF : 1588002.9/67

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1356.170 $\pm$ 604.140 χ^2 /NDF:22.4/16

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

Left In: 300.051 $\pm$ 592.982 χ^2 /NDF:10.2/15

Left: -512.624 $\pm$ 423.191 χ^2 /NDF: 36.5/32

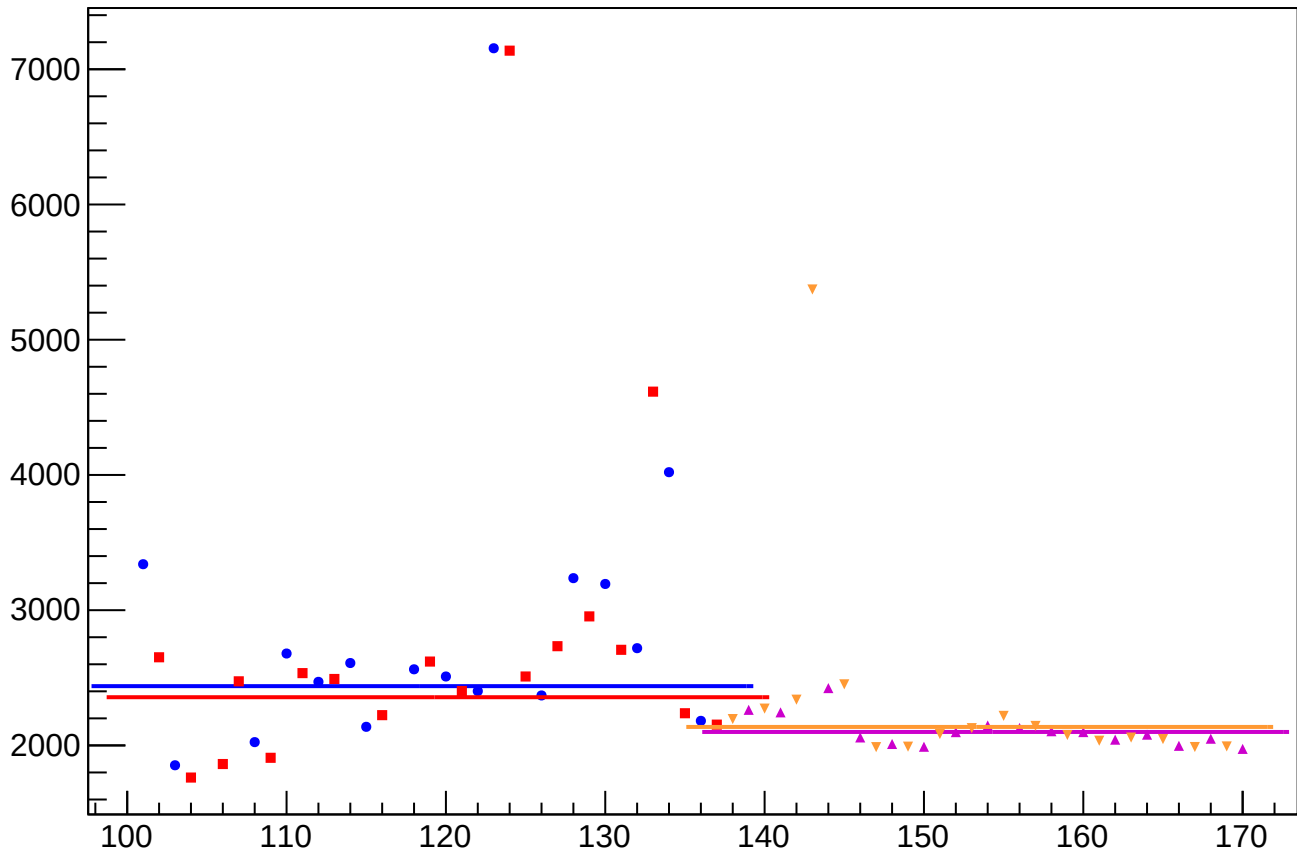
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 452.545 $\pm$ 505.183 χ^2 /NDF:31.1/32

Out: -618.936 $\pm$ 506.172 χ^2 /NDF:34.7/34

All: -82.147 $\pm$ 357.568 χ^2 /NDF: 68.0/67

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2136.643+/-0.427 χ^2/NDF : 645497.4/16

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

Left In: 2099.497+/-0.419 χ^2/NDF : 67670.9/15

Left: 2117.724+/-0.299 χ^2/NDF : 717019.2/32

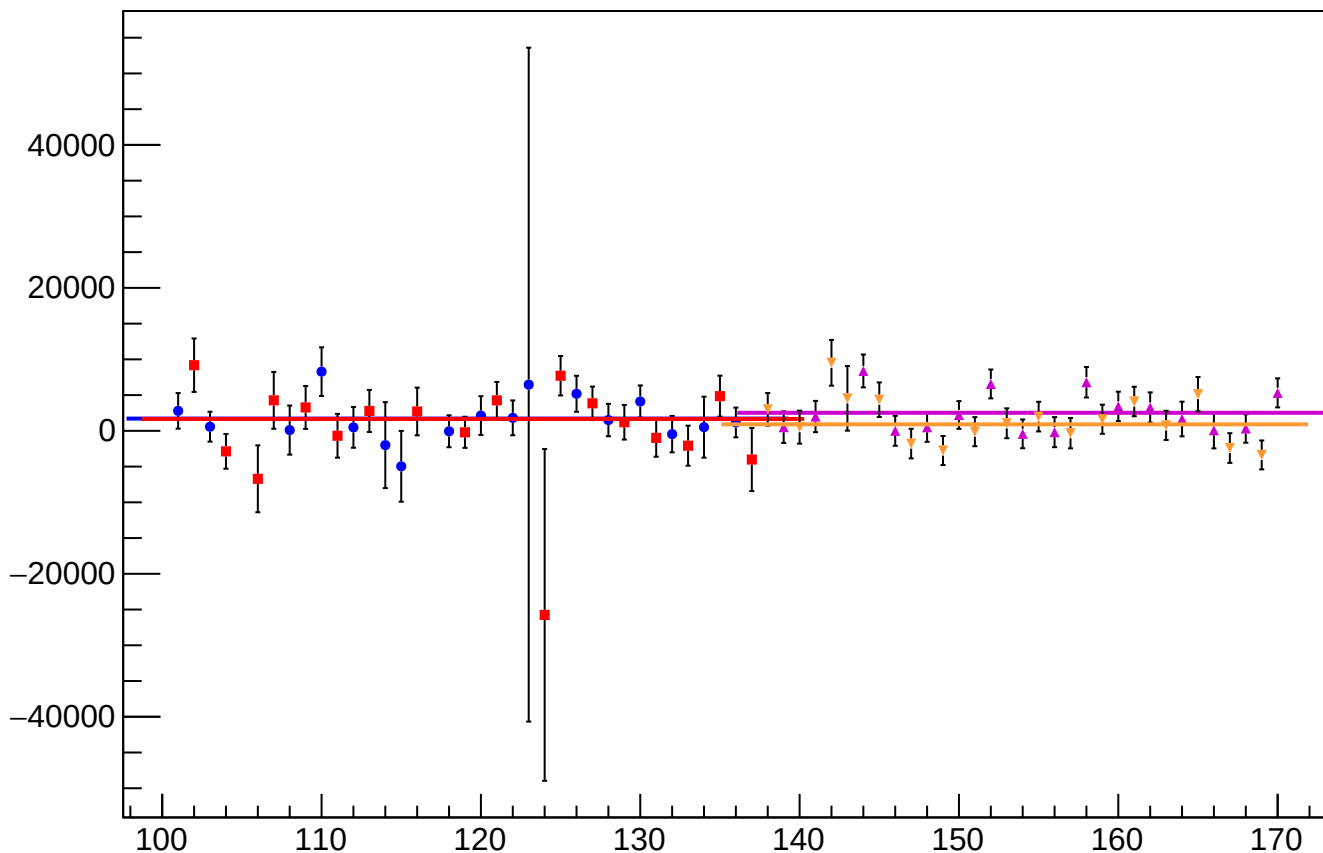
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2192.392+/-0.357 χ^2/NDF : 723394.5/32

Out: 2202.138+/-0.358 χ^2/NDF : 1353500.8/34

All: 2197.255+/-0.253 χ^2/NDF : 2077266.8/67

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 908.722+/-537.340 χ^2/NDF : 29.3/16

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

Left In: 2526.293+/-530.311 χ^2/NDF : 26.1/15

Left: 1728.157+/-377.447 χ^2/NDF : 59.9/32

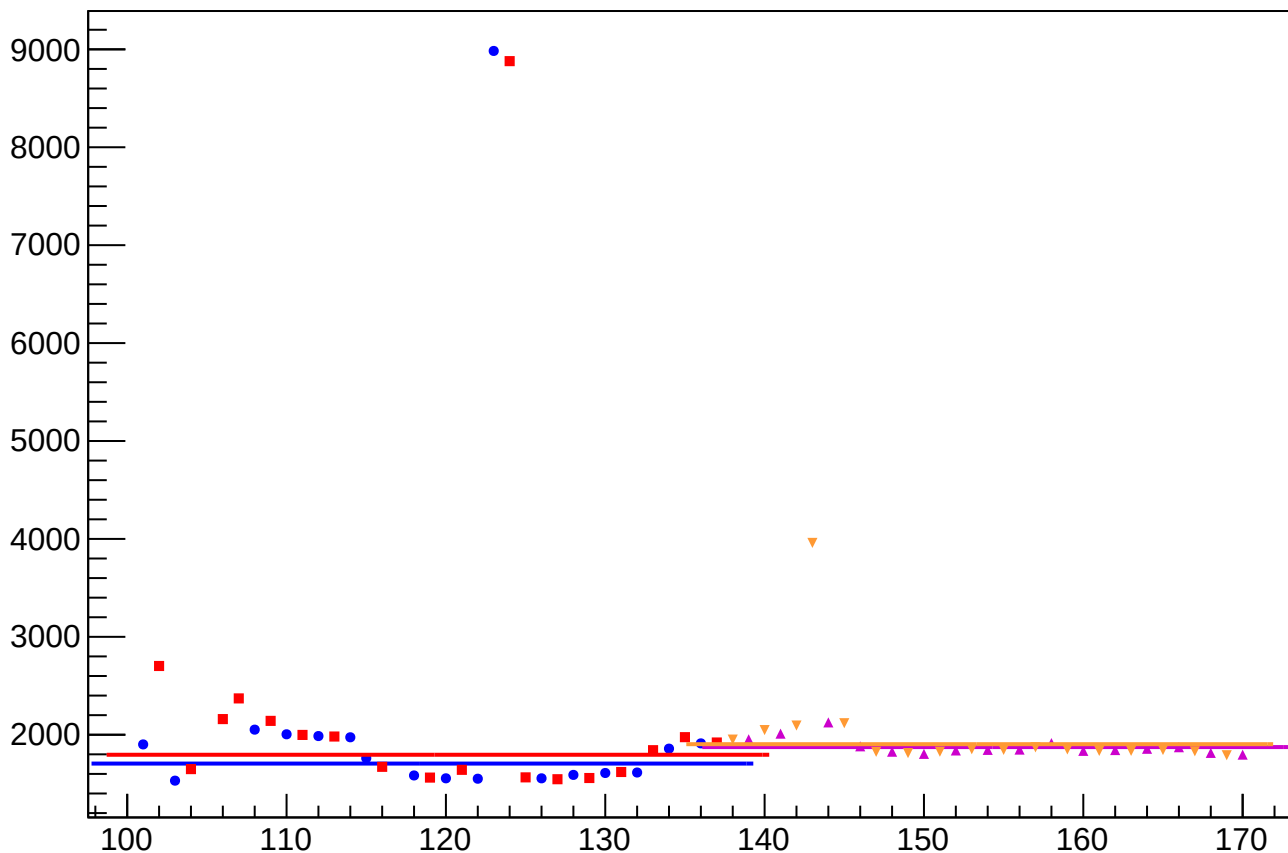
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2211.219+/-415.136 χ^2/NDF : 38.4/32

Out: 1191.445+/-425.262 χ^2/NDF : 56.9/34

All: 1713.618+/-297.061 χ^2/NDF : 98.2/67

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1903.560 $\pm$ 0.380 χ^2 /NDF: 474233.7/16

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

Left In: 1874.064 $\pm$ 0.375 χ^2 /NDF: 46016.8/15

Left: 1888.618 $\pm$ 0.267 χ^2 /NDF: 523303.3/32

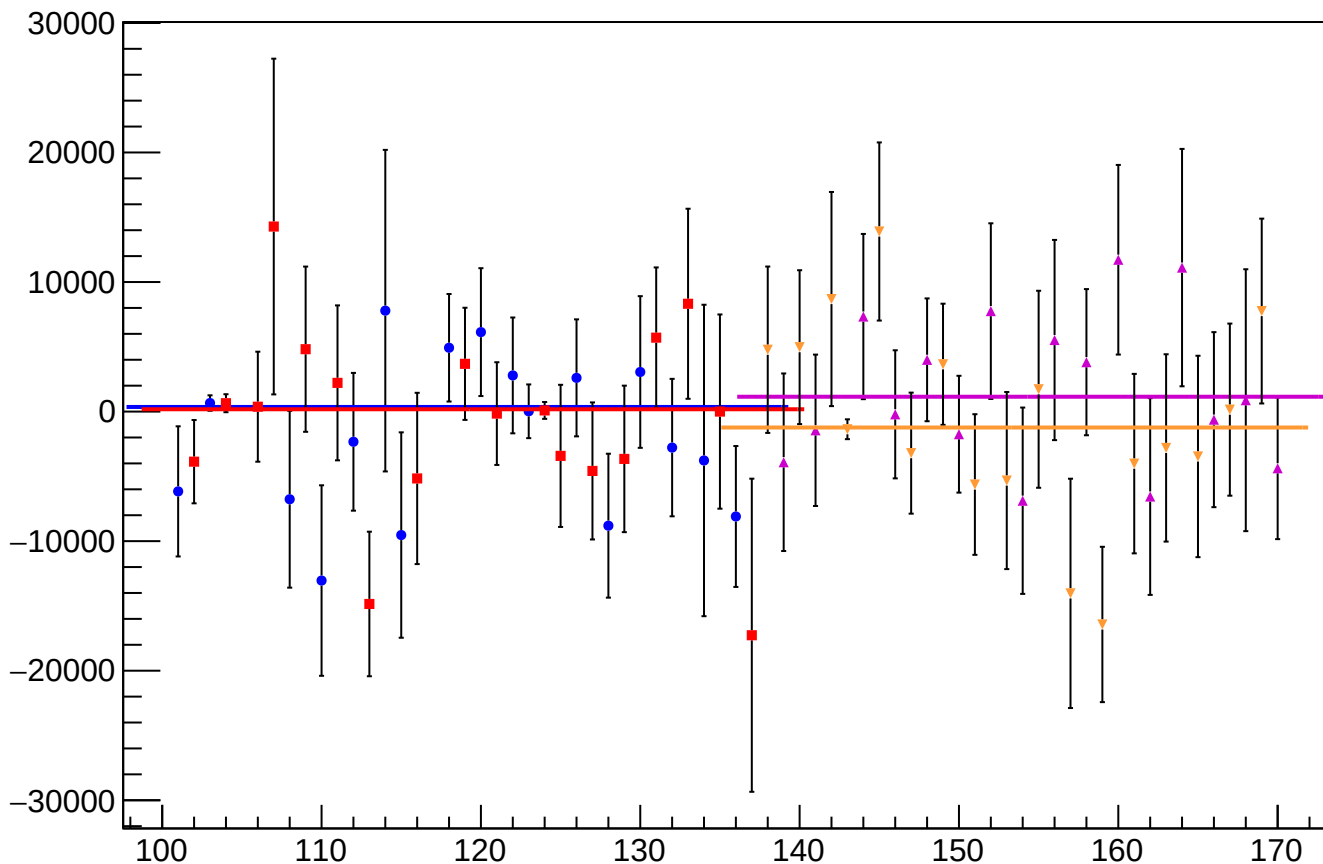
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1808.844 $\pm$ 0.294 χ^2 /NDF: 318316.7/32

Out: 1863.100 $\pm$ 0.300 χ^2 /NDF: 1023302.7/34

All: 1835.341 $\pm$ 0.210 χ^2 /NDF: 1358302.7/67

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1228.041 $\pm$ 690.748 χ^2 /NDF:21.2/16

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

Left In: 1146.509 $\pm$ 1557.662 χ^2 /NDF:10.7/15

Left: -837.824 $\pm$ 631.446 χ^2 /NDF: 33.8/32

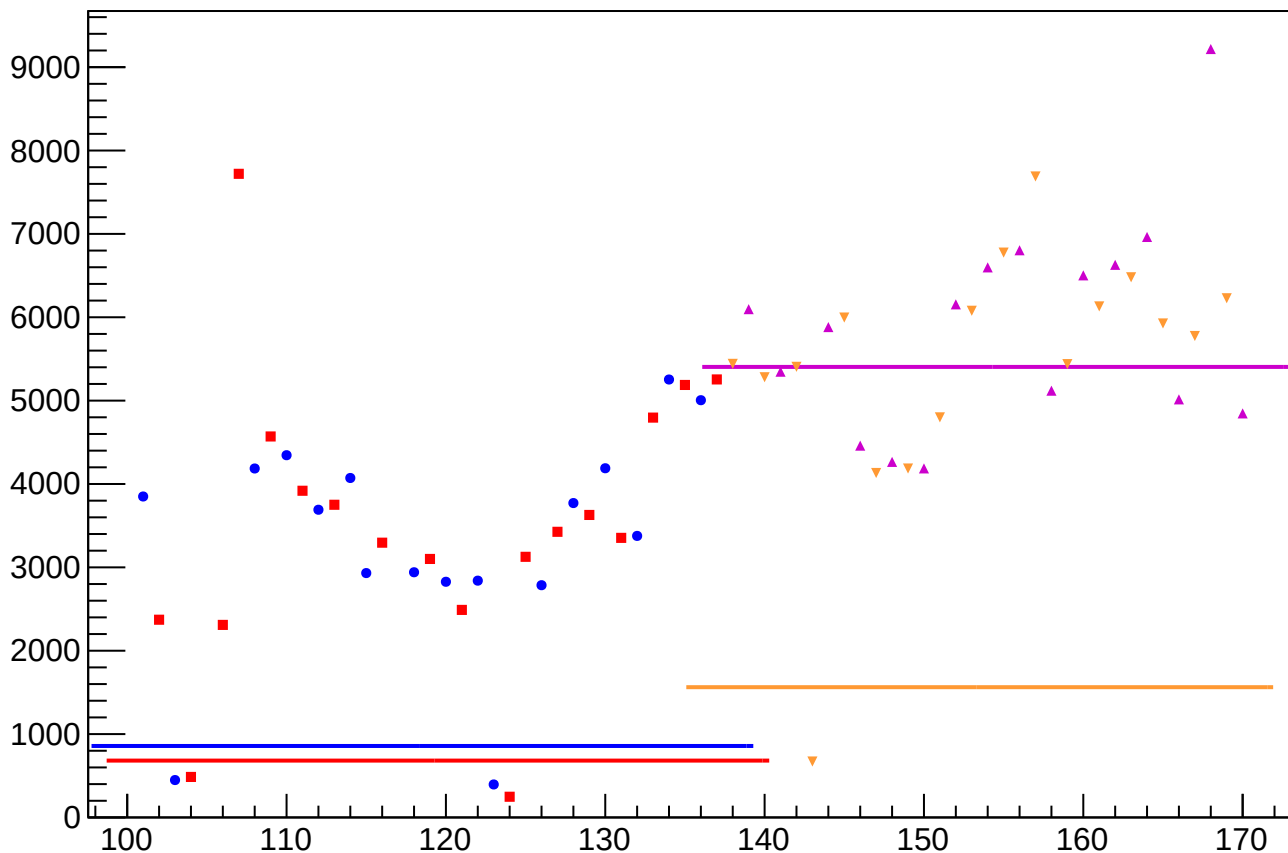
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 439.832 $\pm$ 504.471 χ^2 /NDF:28.4/32

Out: -236.172 $\pm$ 375.274 χ^2 /NDF:42.6/34

All: 4.650 $\pm$ 301.099 χ^2 /NDF: 72.1/67

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1562.574 $\pm$ 0.488 χ^2 /NDF: 15124907.4/16

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

Left In: 5404.415 $\pm$ 1.101 χ^2 /NDF: 983630.9/15

Left: 2193.916 $\pm$ 0.446 χ^2 /NDF: 26275593.2/32

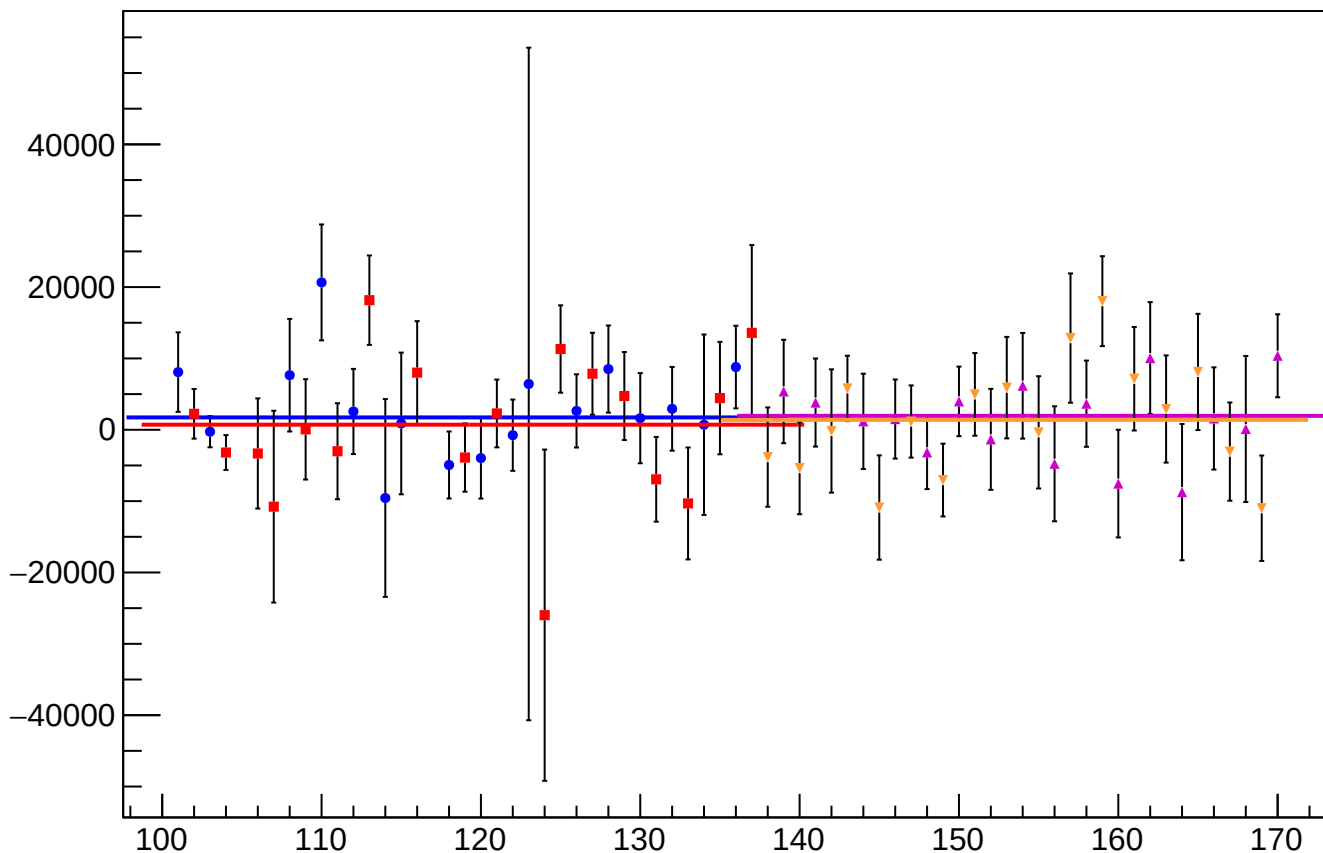
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1334.391 $\pm$ 0.357 χ^2 /NDF: 24413453.9/32

Out: 941.990 $\pm$ 0.265 χ^2 /NDF: 26793820.6/34

All: 1081.780 $\pm$ 0.213 χ^2 /NDF: 51986278.9/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1386.706+/-1588.812 χ^2/NDF : 22.2/16

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

Left In: 1954.074+/-1656.472 χ^2/NDF : 8.8/15

Left: 1658.566+/-1146.633 χ^2/NDF : 31.1/32

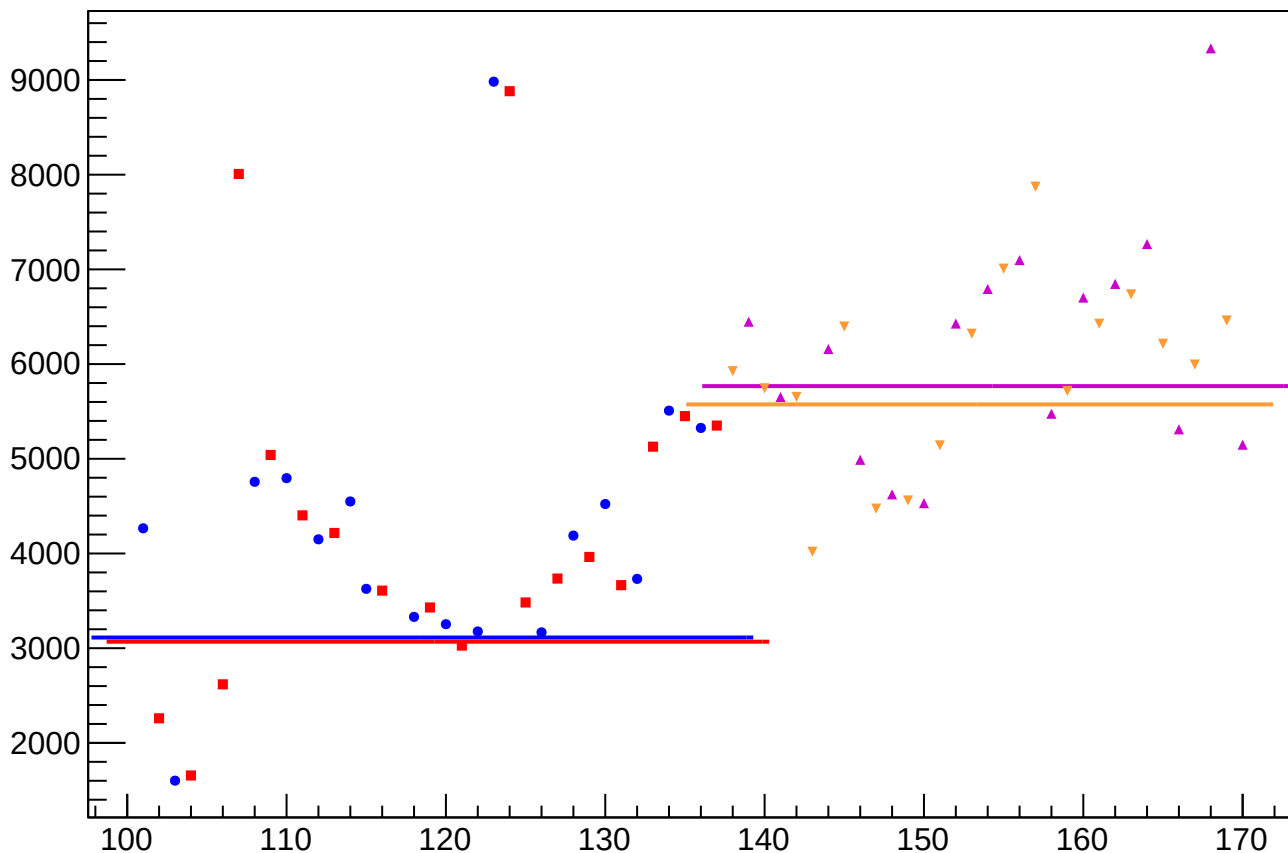
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1817.801+/-1024.906 χ^2/NDF : 23.8/32

Out: 982.352+/-1001.794 χ^2/NDF : 47.4/34

All: 1390.550+/-716.407 χ^2/NDF : 71.5/67

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5574.151+/-1.123 χ^2/NDF : 789671.6/16

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

Left In: 5767.374+/-1.171 χ^2/NDF : 798168.6/15

Left: 5666.736+/-0.811 χ^2/NDF : 1602013.9/32

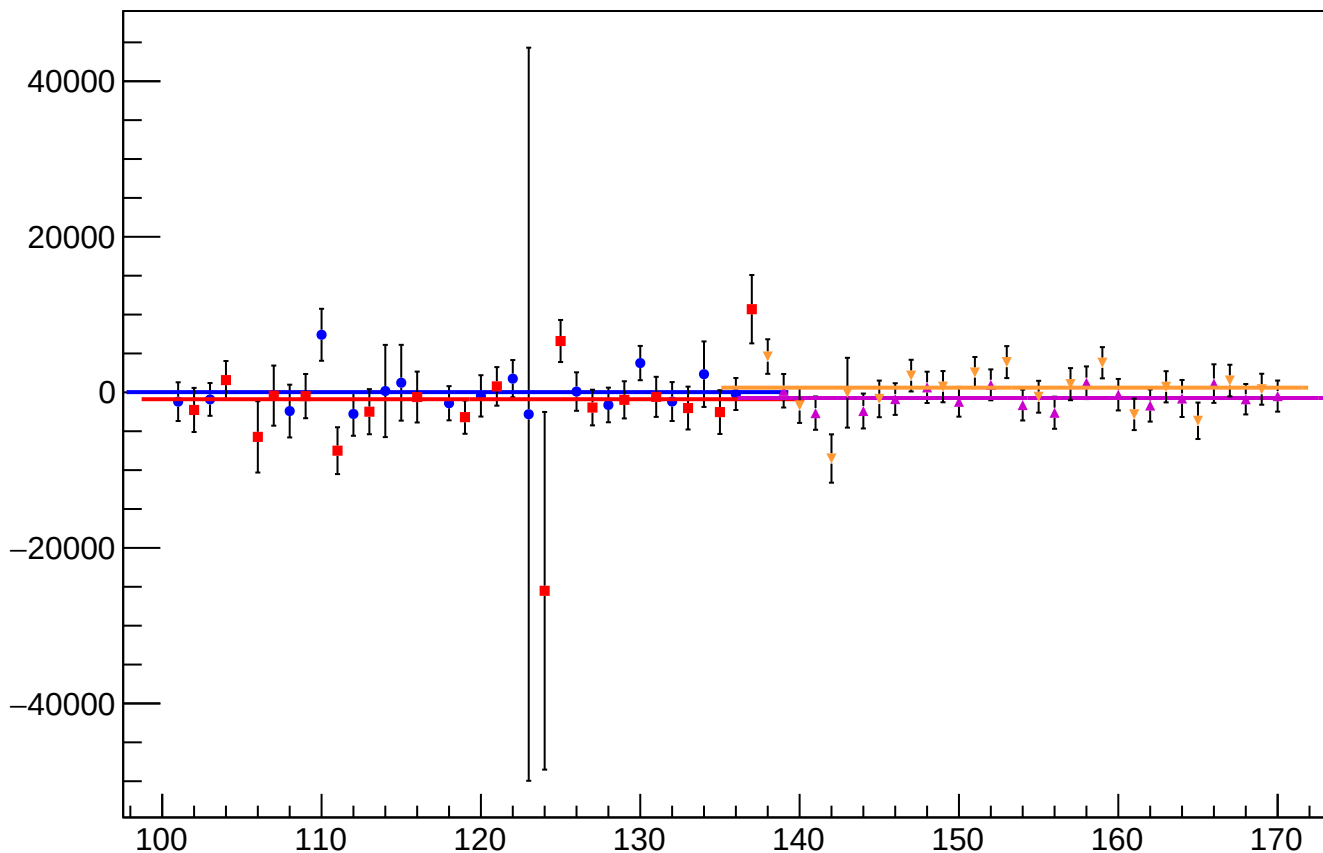
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 4128.959+/-0.725 χ^2/NDF : 5852972.3/32

Out: 4047.180+/-0.702 χ^2/NDF : 5822494.1/34

All: 4086.774+/-0.504 χ^2/NDF : 11682034.9/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 602.469 ± 527.170 χ^2/NDF : 26.6/16

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

Left In: -725.745 ± 520.434 χ^2/NDF : 5.6/15

Left: -70.179 ± 370.361 χ^2/NDF : 35.4/32

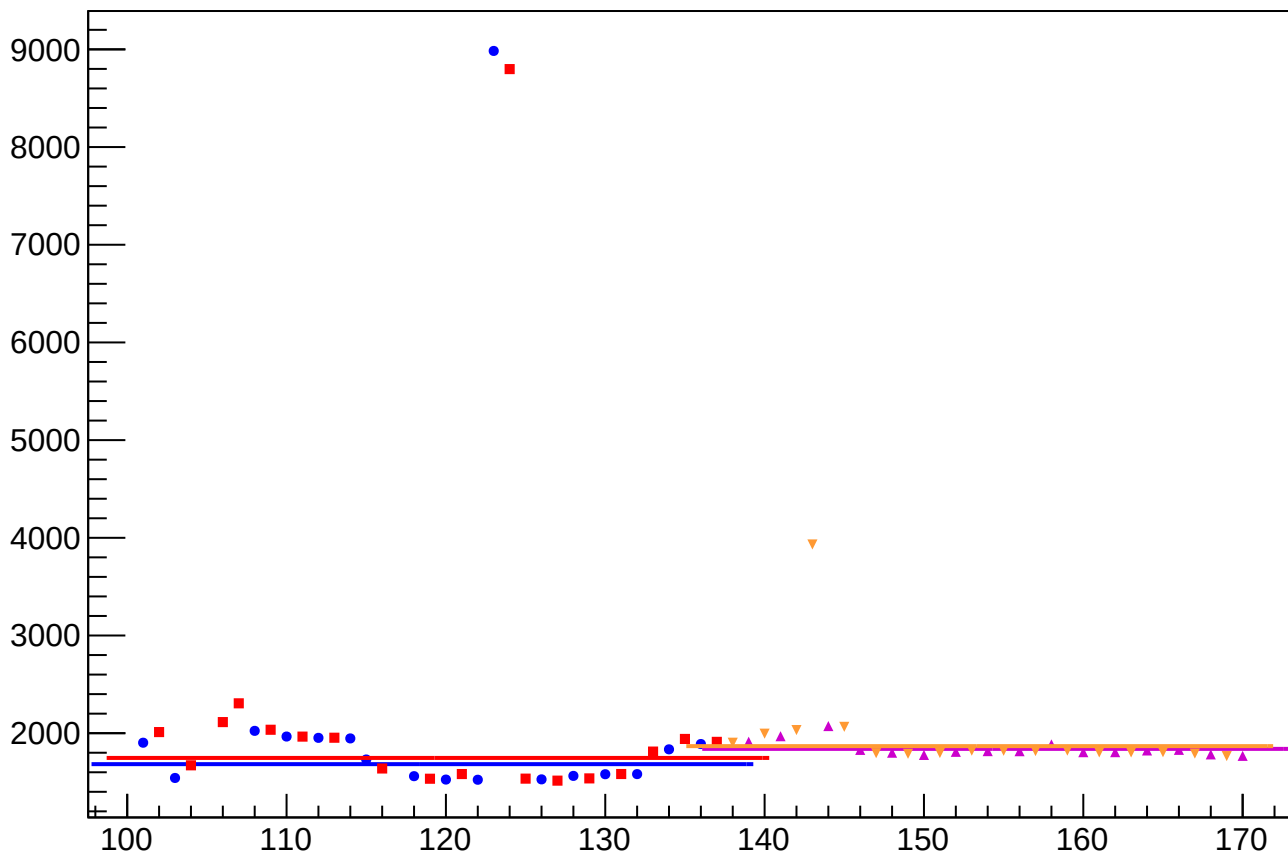
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -435.474 ± 408.286 χ^2/NDF : 18.2/32

Out: 39.409 ± 415.387 χ^2/NDF : 55.3/34

All: -202.126 ± 291.180 χ^2/NDF : 74.2/67

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1867.558+/-0.373 χ^2/NDF : 475835.1/16

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

Left In: 1839.431+/-0.368 χ^2/NDF : 41594.2/15

Left: 1853.314+/-0.262 χ^2/NDF : 520312.6/32

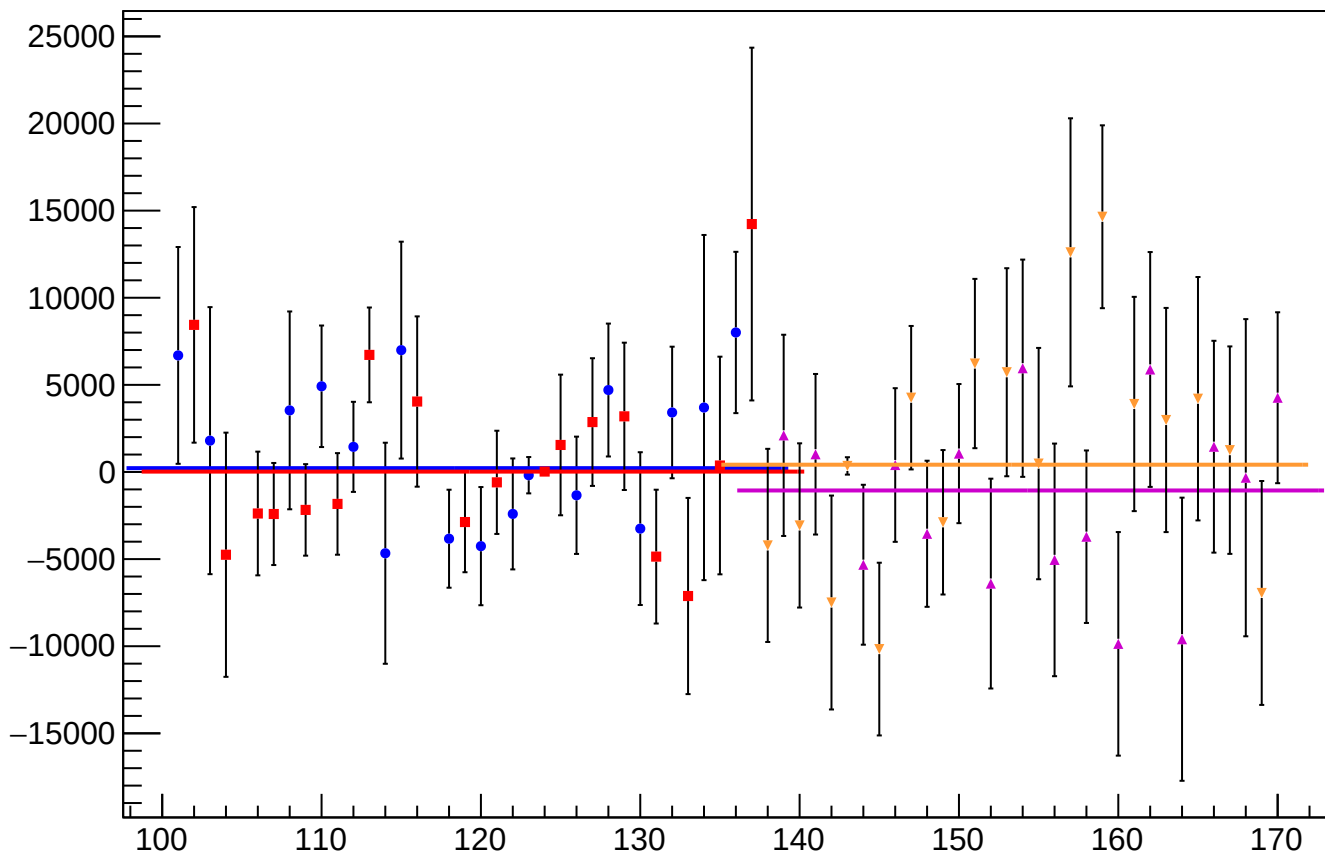
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1779.324+/-0.289 χ^2/NDF : 306826.3/32

Out: 1821.651+/-0.293 χ^2/NDF : 922454.1/34

All: 1800.140+/-0.206 χ^2/NDF : 1239851.1/67

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 417.973+/-469.151 χ^2/NDF :23.2/16

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

Left In: -1061.051+/-1343.143 χ^2/NDF :10.2/15

Left: 257.146+/-442.909 χ^2/NDF : 34.5/32

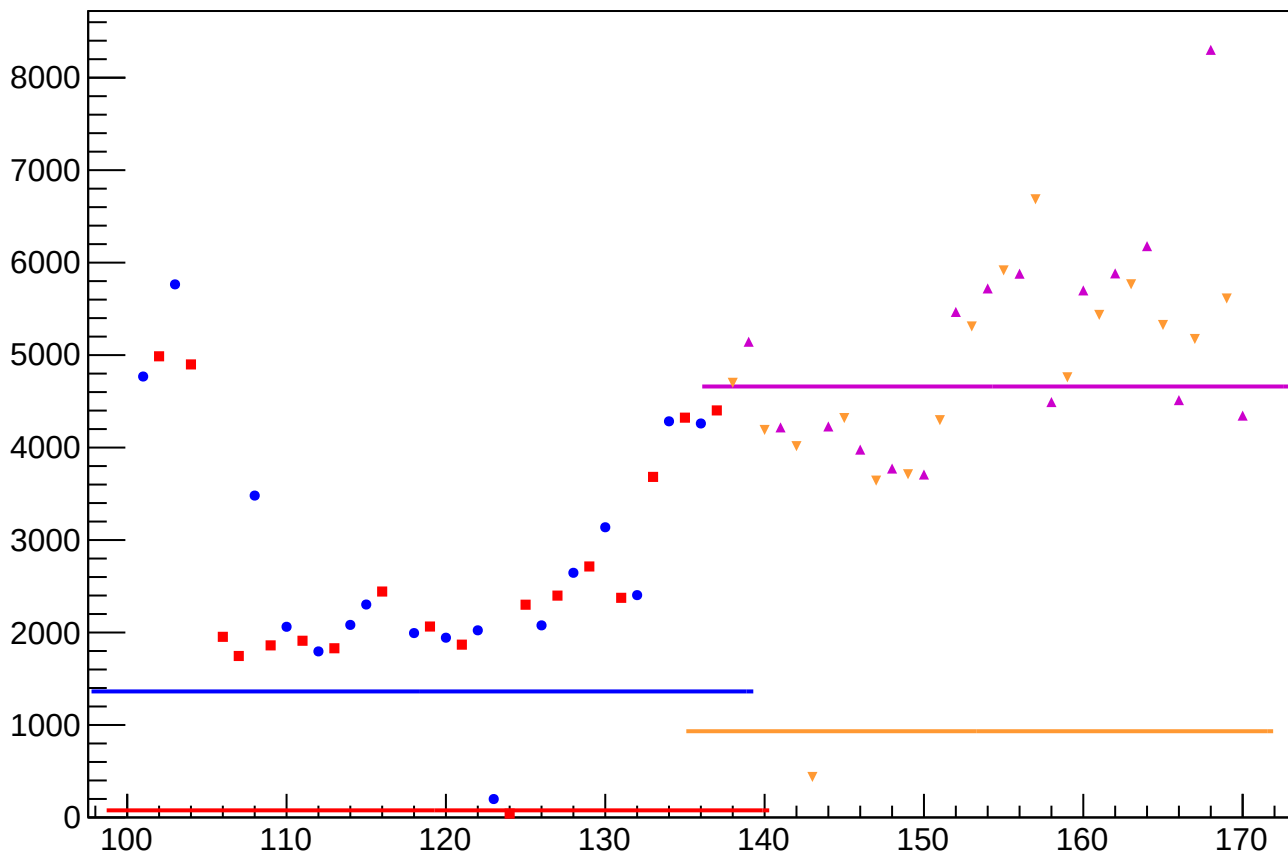
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: -66.662+/-635.202 χ^2/NDF :26.7/32

Out: 44.074+/-110.901 χ^2/NDF :42.4/34

All: 40.798+/-109.248 χ^2/NDF : 69.2/67

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 932.506 $\pm$ 0.332 χ^2 /NDF: 17456888.7/16

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

Left In: 4660.491 $\pm$ 0.950 χ^2 /NDF: 981765.7/15

Left: 1337.883 $\pm$ 0.313 χ^2 /NDF: 32170806.8/32

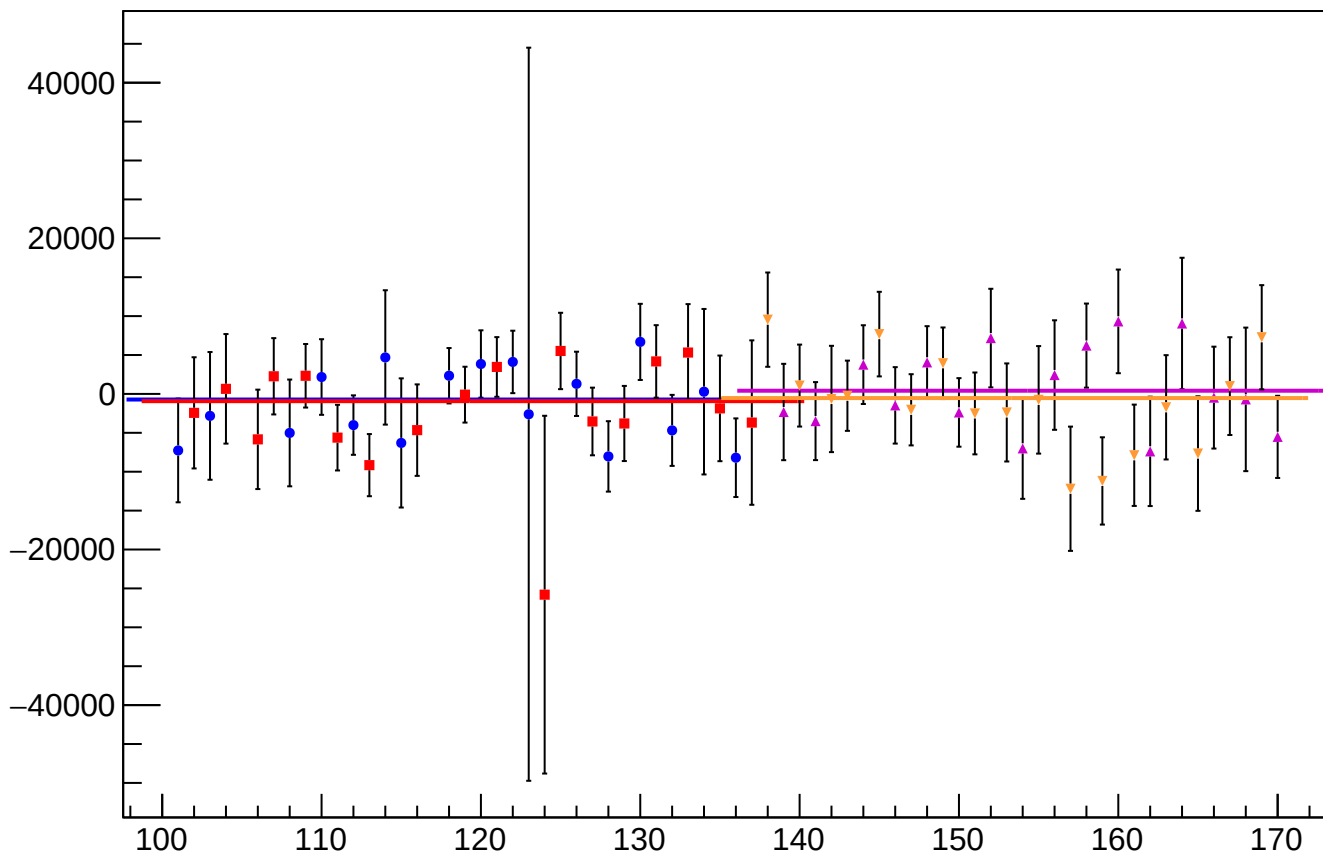
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2100.377 $\pm$ 0.449 χ^2 /NDF: 16577033.0/32

Out: 124.646 $\pm$ 0.078 χ^2 /NDF: 36852567.4/34

All: 183.089 $\pm$ 0.077 χ^2 /NDF: 72206434.8/67

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -534.159+/-1408.200 χ^2/NDF : 15.8/16

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

Left In: 409.923+/-1451.251 χ^2/NDF : 11.4/15

Left: -76.329+/-1010.625 χ^2/NDF : 27.5/32

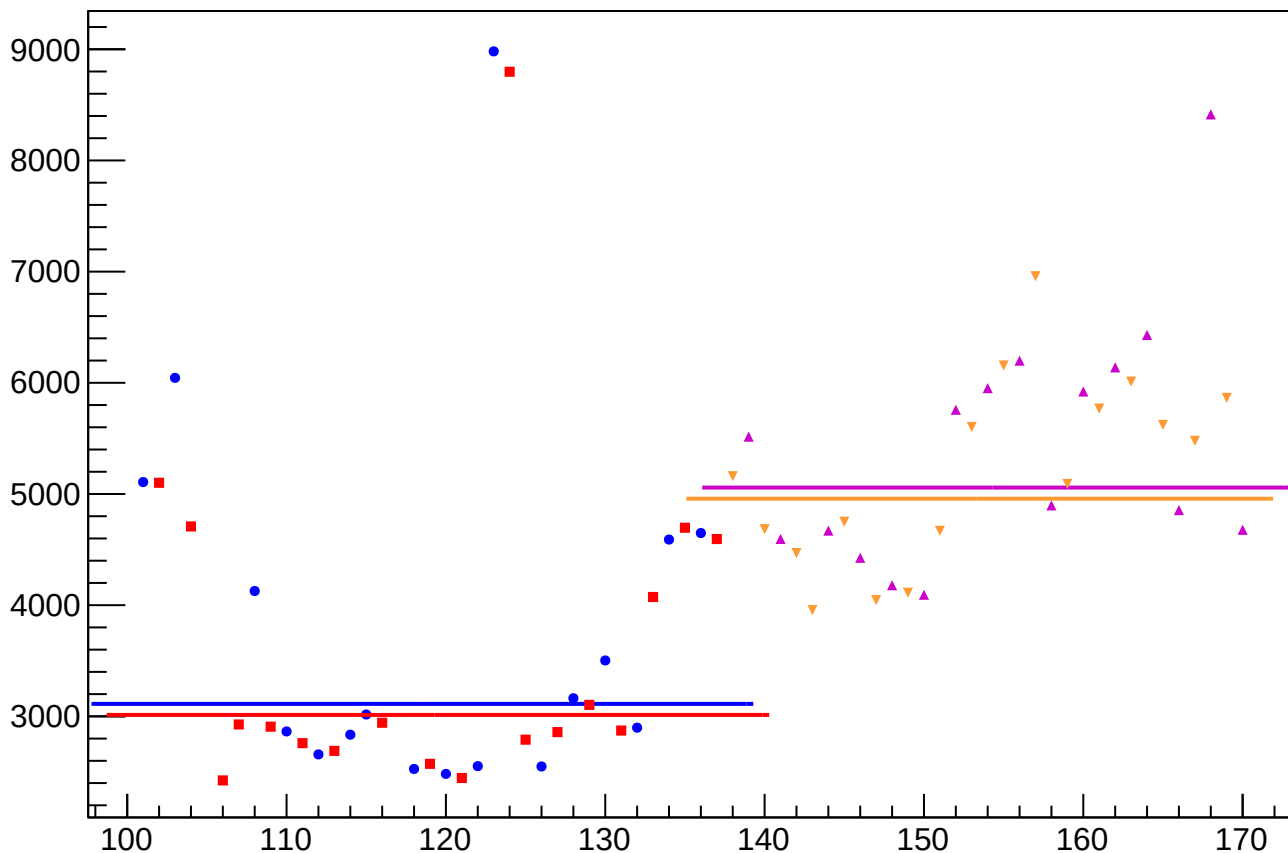
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -238.494+/-948.205 χ^2/NDF : 26.5/32

Out: -765.366+/-910.906 χ^2/NDF : 30.8/34

All: -512.496+/-656.898 χ^2/NDF : 57.5/67

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4957.812+/-0.996 χ^2/NDF : 627246.7/16

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

Left In: 5057.680+/-1.026 χ^2/NDF : 767308.4/15

Left: 5006.243+/-0.715 χ^2/NDF : 1399433.3/32

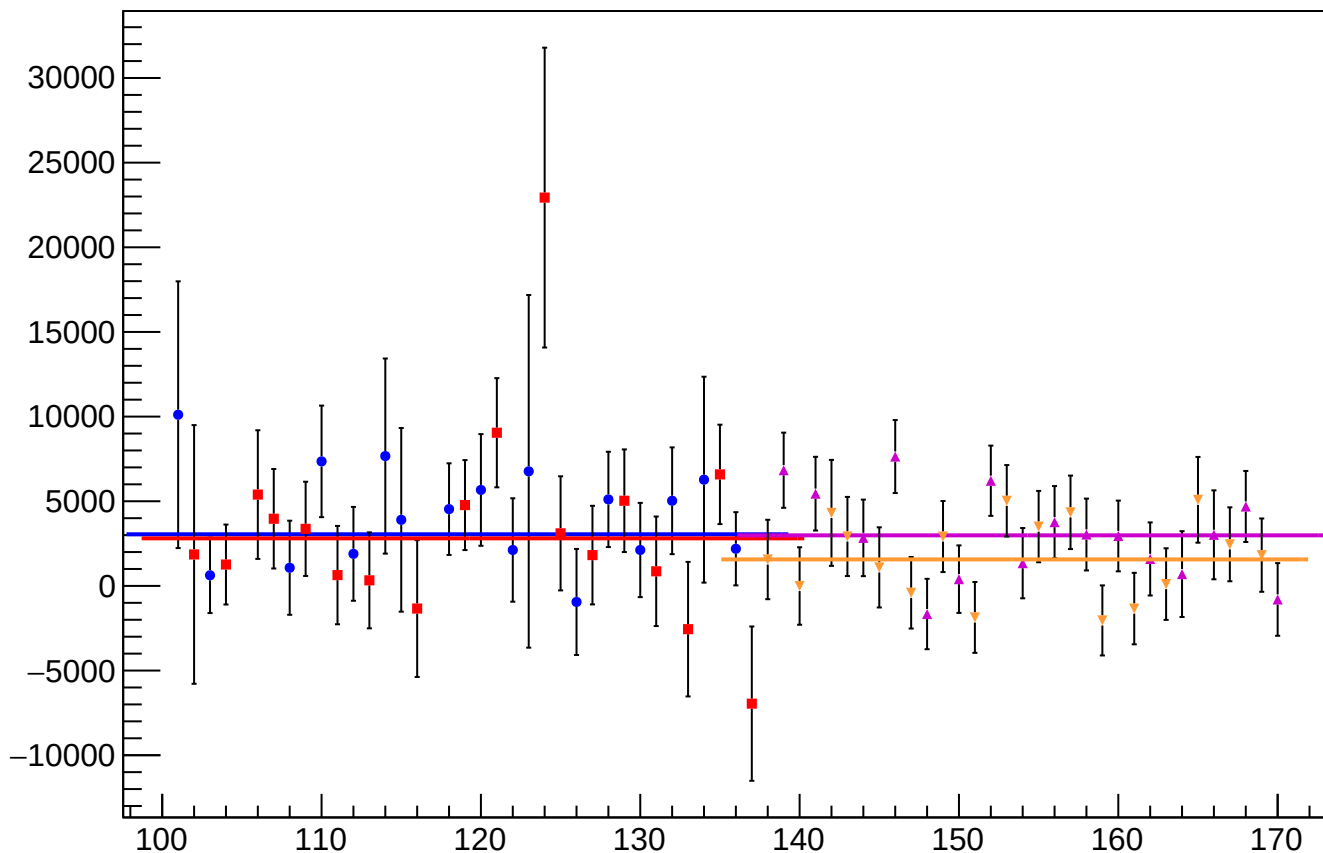
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3942.726+/-0.670 χ^2/NDF : 3785589.8/32

Out: 3814.717+/-0.639 χ^2/NDF : 3643912.9/34

All: 3875.684+/-0.463 χ^2/NDF : 7448593.1/67

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1565.376 $\pm$ 539.268 χ^2 /NDF:18.3/16

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

Left In: 2986.386 $\pm$ 541.997 χ^2 /NDF:23.8/15

Left: 2272.293 $\pm$ 382.281 χ^2 /NDF: 45.5/32

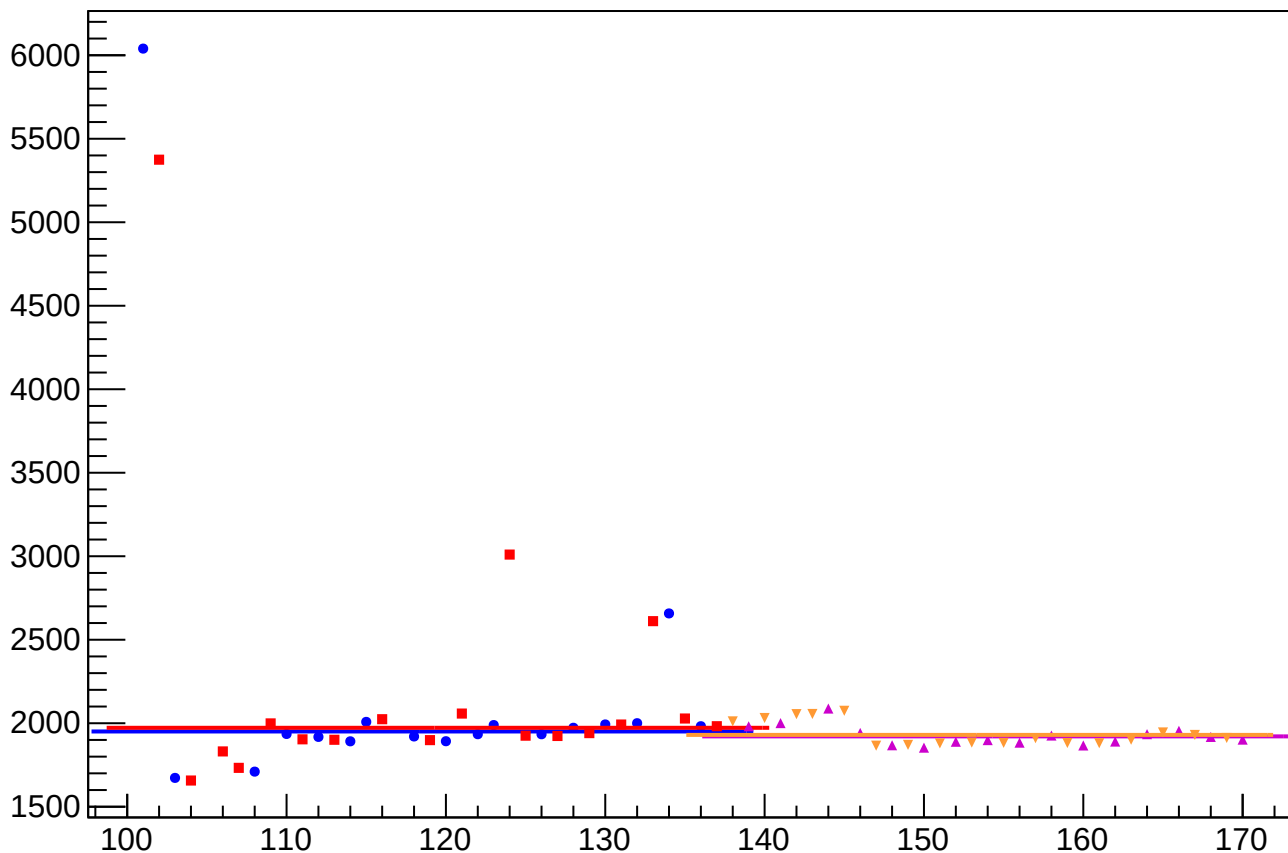
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 3007.074 $\pm$ 443.651 χ^2 /NDF:33.1/32

Out: 1977.376 $\pm$ 440.995 χ^2 /NDF:42.1/34

All: 2489.134 $\pm$ 312.765 χ^2 /NDF: 77.9/67

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1930.174 $\pm$ 0.381 χ^2 /NDF:32244.6/16

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

Left In: 1921.291 $\pm$ 0.383 χ^2 /NDF:22467.3/15

Left: 1925.755 $\pm$ 0.270 χ^2 /NDF: 54981.9/32

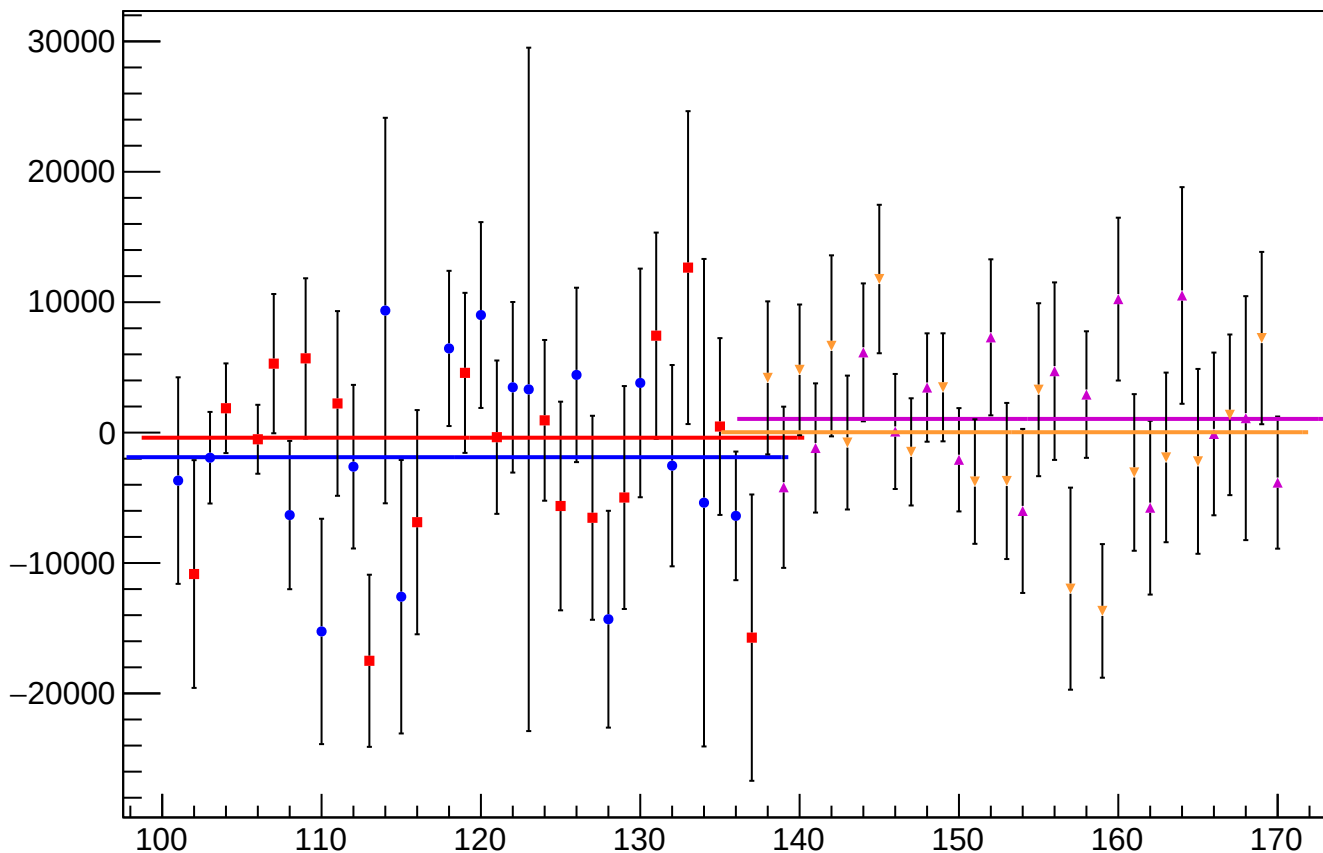
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1930.993 $\pm$ 0.314 χ^2 /NDF:639574.5/32

Out: 1944.281 $\pm$ 0.312 χ^2 /NDF:572043.0/34

All: 1937.678 $\pm$ 0.221 χ^2 /NDF: 1212520.2/67

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 29.089 $\pm$ 1353.688 χ^2 /NDF:19.9/16

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

Left In: 1049.080 $\pm$ 1371.371 χ^2 /NDF:11.1/15

Left: 532.466 $\pm$ 963.393 χ^2 /NDF: 31.3/32

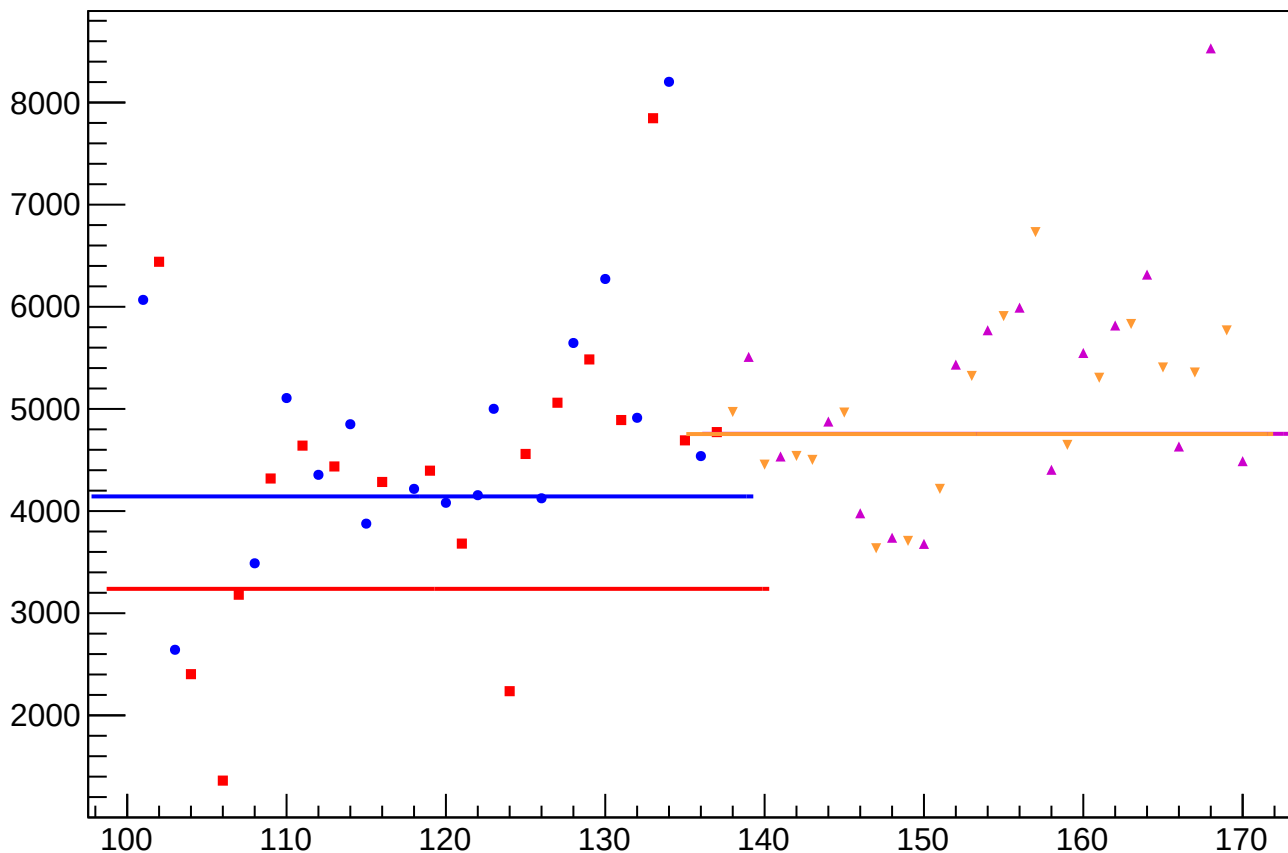
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -142.944 $\pm$ 1056.731 χ^2 /NDF:27.1/32

Out: -179.943 $\pm$ 960.017 χ^2 /NDF:37.6/34

All: -163.214 $\pm$ 710.572 χ^2 /NDF: 64.7/67

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4754.035+/-0.957 χ^2/NDF : 684875.9/16

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

Left In: 4756.392+/-0.970 χ^2/NDF : 1004051.7/15

Left: 4755.198+/-0.681 χ^2/NDF : 1688930.6/32

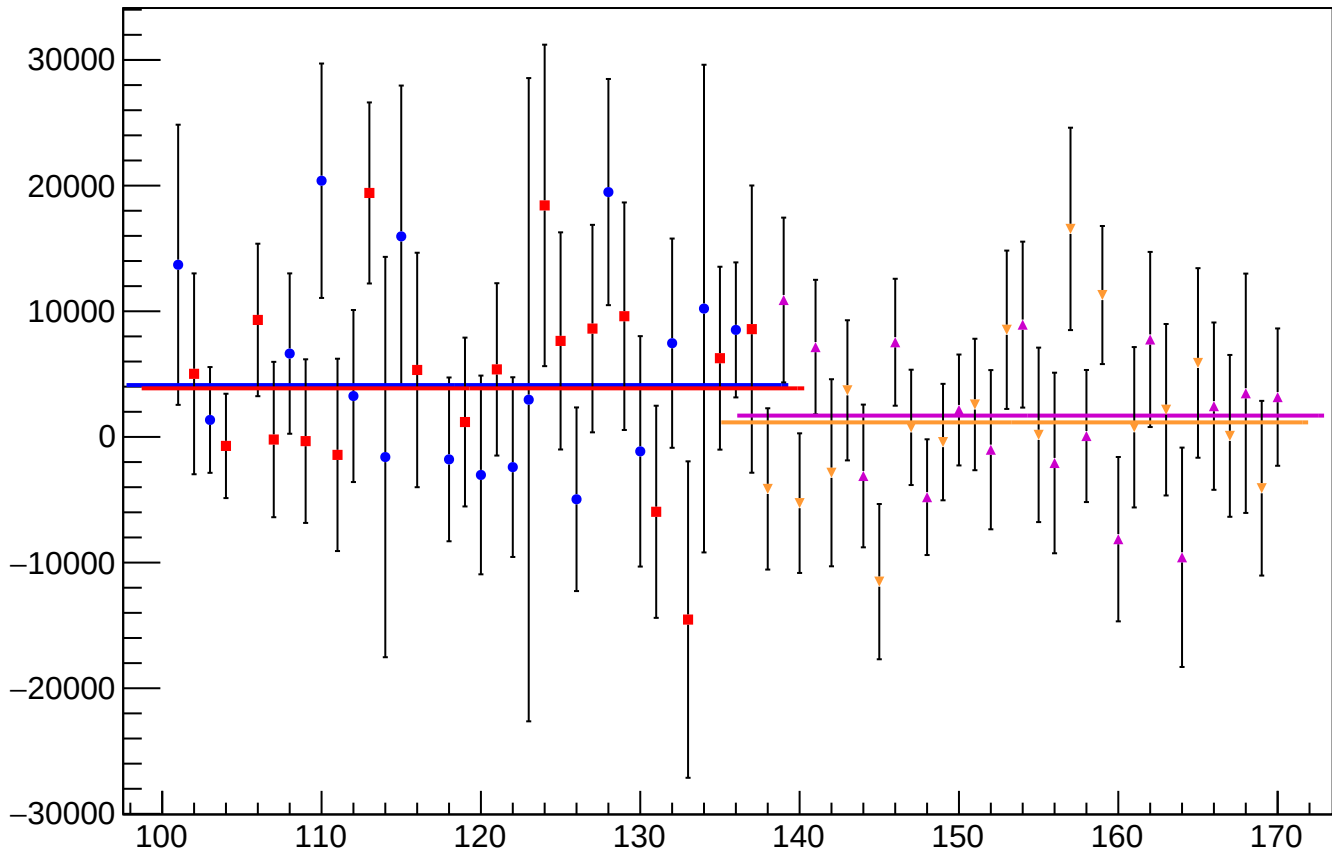
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4507.408+/-0.747 χ^2/NDF : 2022313.3/32

Out: 4000.776+/-0.679 χ^2/NDF : 4512718.5/34

All: 4229.852+/-0.502 χ^2/NDF : 6786884.0/67

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1158.232 $\pm$ 1463.951 χ^2 /NDF:16.4/16

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

Left In: 1698.306 $\pm$ 1483.404 χ^2 /NDF:13.6/15

Left: 1424.705 $\pm$ 1041.979 χ^2 /NDF: 30.1/32

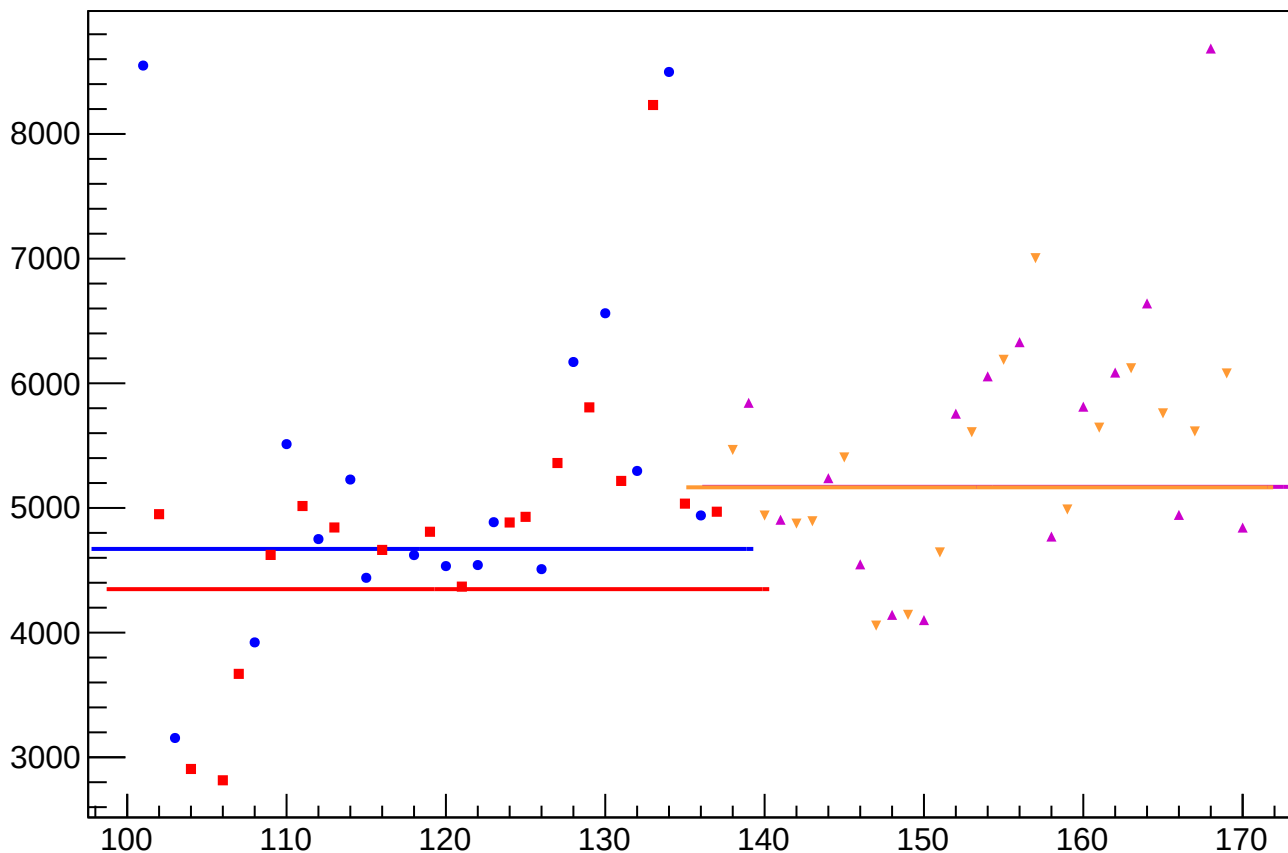
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 2640.476 $\pm$ 1160.482 χ^2 /NDF:28.3/32

Out: 2290.236 $\pm$ 1116.847 χ^2 /NDF:32.1/34

All: 2458.648 $\pm$ 804.714 χ^2 /NDF: 60.4/67

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5165.531 $\pm$ 1.035 χ^2 /NDF: 519399.7/16

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

Left In: 5169.390 $\pm$ 1.049 χ^2 /NDF: 783086.9/15

Left: 5167.435 $\pm$ 0.737 χ^2 /NDF: 1302493.5/32

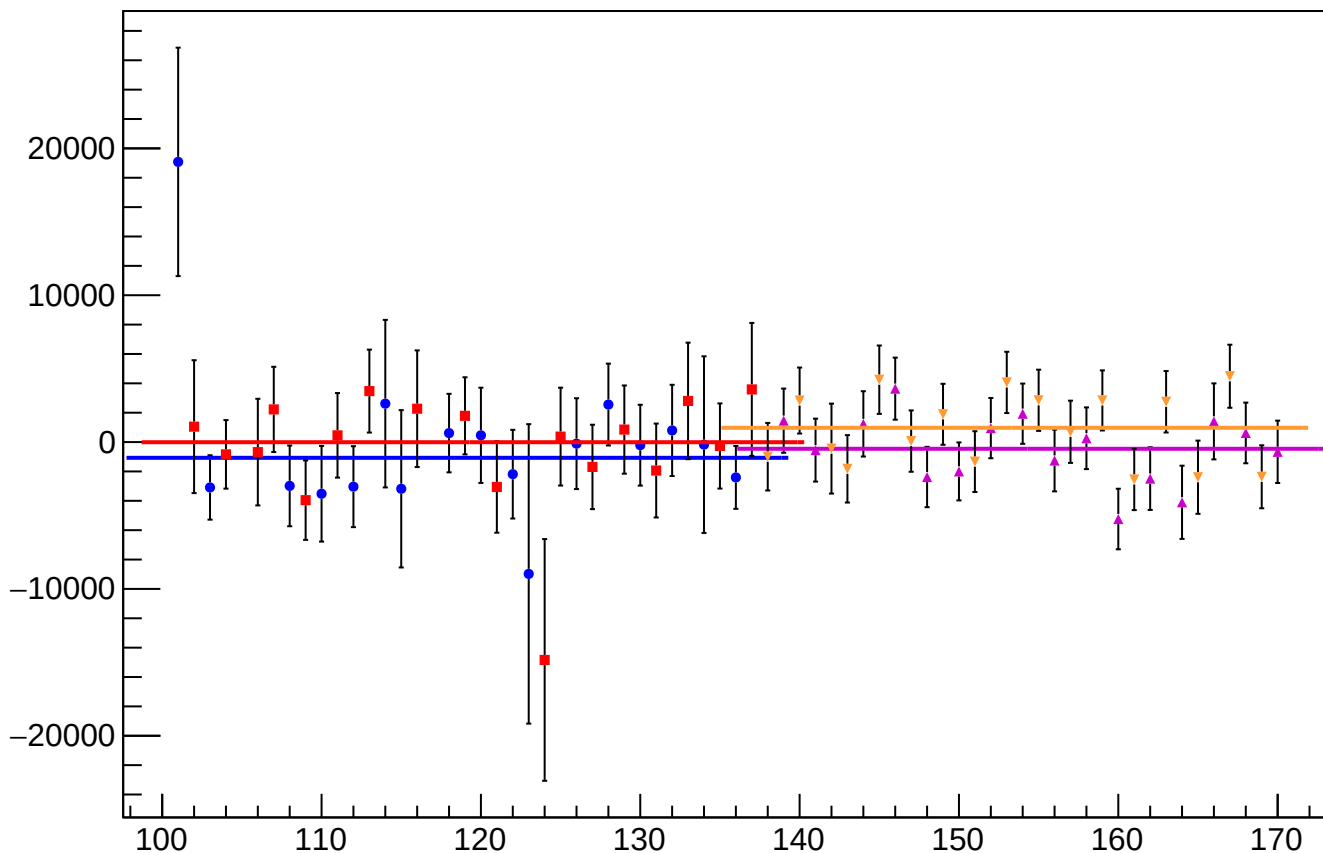
Right: 4496.923 $\pm$ 0.893 χ^2 /NDF: 1610954.9/34

In: 4976.143 $\pm$ 0.821 χ^2 /NDF: 1656680.1/32

Out: 4821.806 $\pm$ 0.788 χ^2 /NDF: 1573831.3/34

All: 4895.831 $\pm$ 0.568 χ^2 /NDF: 3248919.3/67

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 973.201 ± 531.706 χ^2/NDF : 21.0/16

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

Left In: -456.083 ± 534.847 χ^2/NDF : 17.9/15

Left: 262.767 ± 377.078 χ^2/NDF : 42.5/32

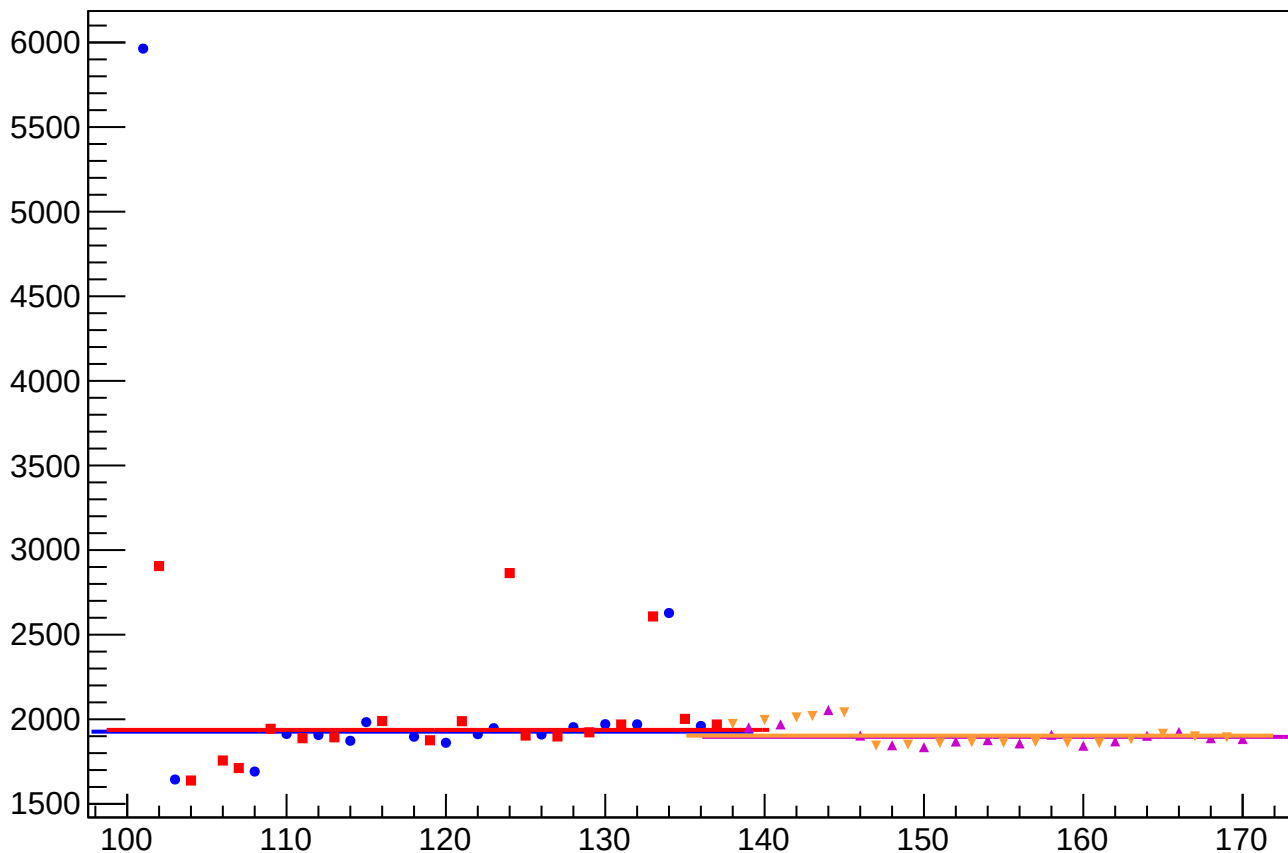
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -658.778 ± 437.956 χ^2/NDF : 32.0/32

Out: 643.584 ± 433.391 χ^2/NDF : 33.6/34

All: -0.773 ± 308.055 χ^2/NDF : 70.1/67

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 $\pm$ 0.540 χ^2 /NDF: 617116.3/16

Left Out: 1903.342 $\pm$ 0.376 χ^2 /NDF: 27827.1/16

Right Out: 1937.280 $\pm$ 0.529 χ^2 /NDF: 229079.5/17

Left In: 1896.098 $\pm$ 0.378 χ^2 /NDF: 20161.6/15

Left: 1899.741 $\pm$ 0.267 χ^2 /NDF: 48173.3/32

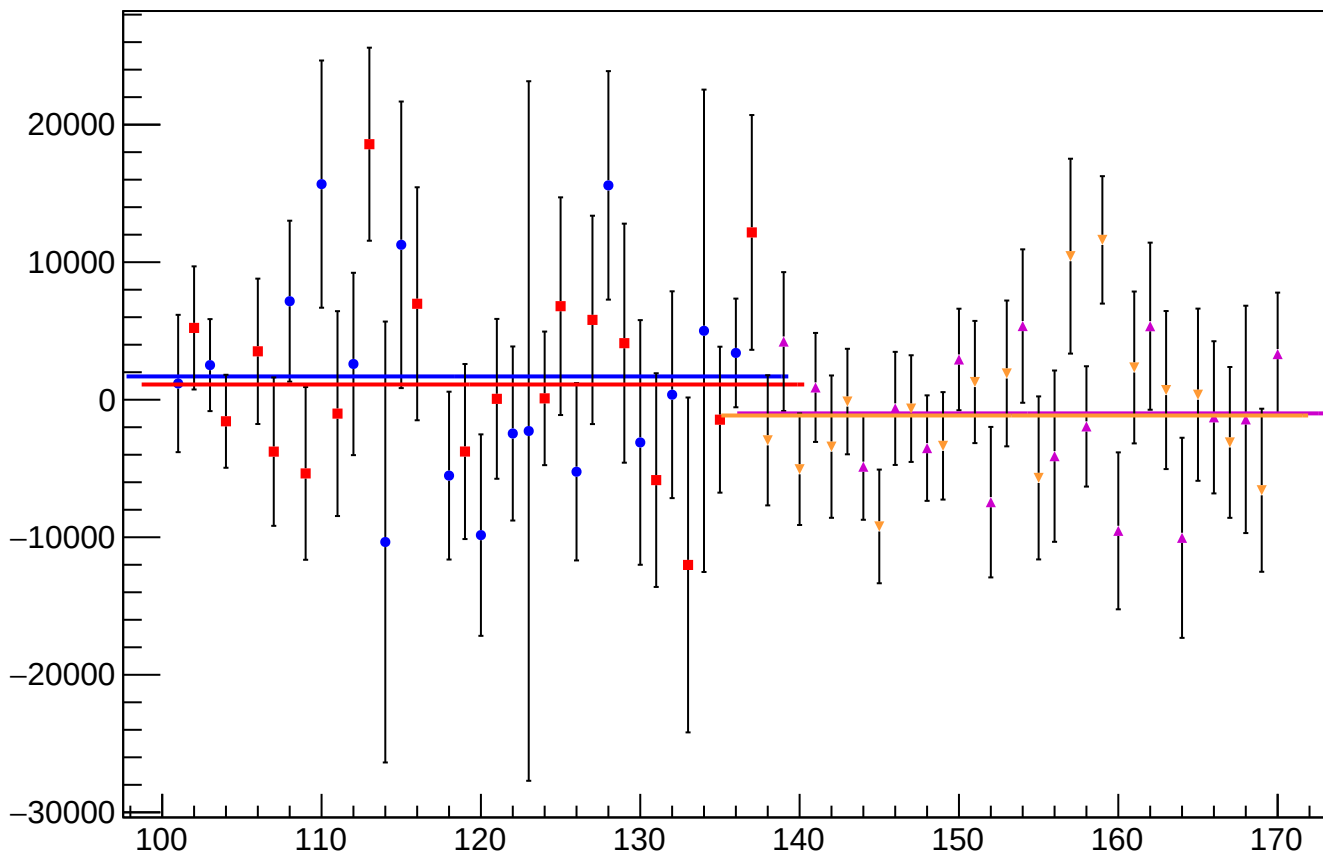
Right: 1932.191 $\pm$ 0.378 χ^2 /NDF: 846384.9/34

In: 1906.244 $\pm$ 0.310 χ^2 /NDF: 639462.1/32

Out: 1914.744 $\pm$ 0.306 χ^2 /NDF: 259644.0/34

All: 1910.539 $\pm$ 0.218 χ^2 /NDF: 899486.8/67

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966 ± 1551.941 $\chi^2/\text{NDF}: 13.6/16$

Left Out: -1145.858 ± 1168.075 $\chi^2/\text{NDF}: 18.5/16$

Right Out: 1107.921 ± 1412.697 $\chi^2/\text{NDF}: 15.9/17$

Left In: -993.332 ± 1205.393 $\chi^2/\text{NDF}: 12.7/15$

Left: -1071.993 ± 838.837 $\chi^2/\text{NDF}: 31.2/32$

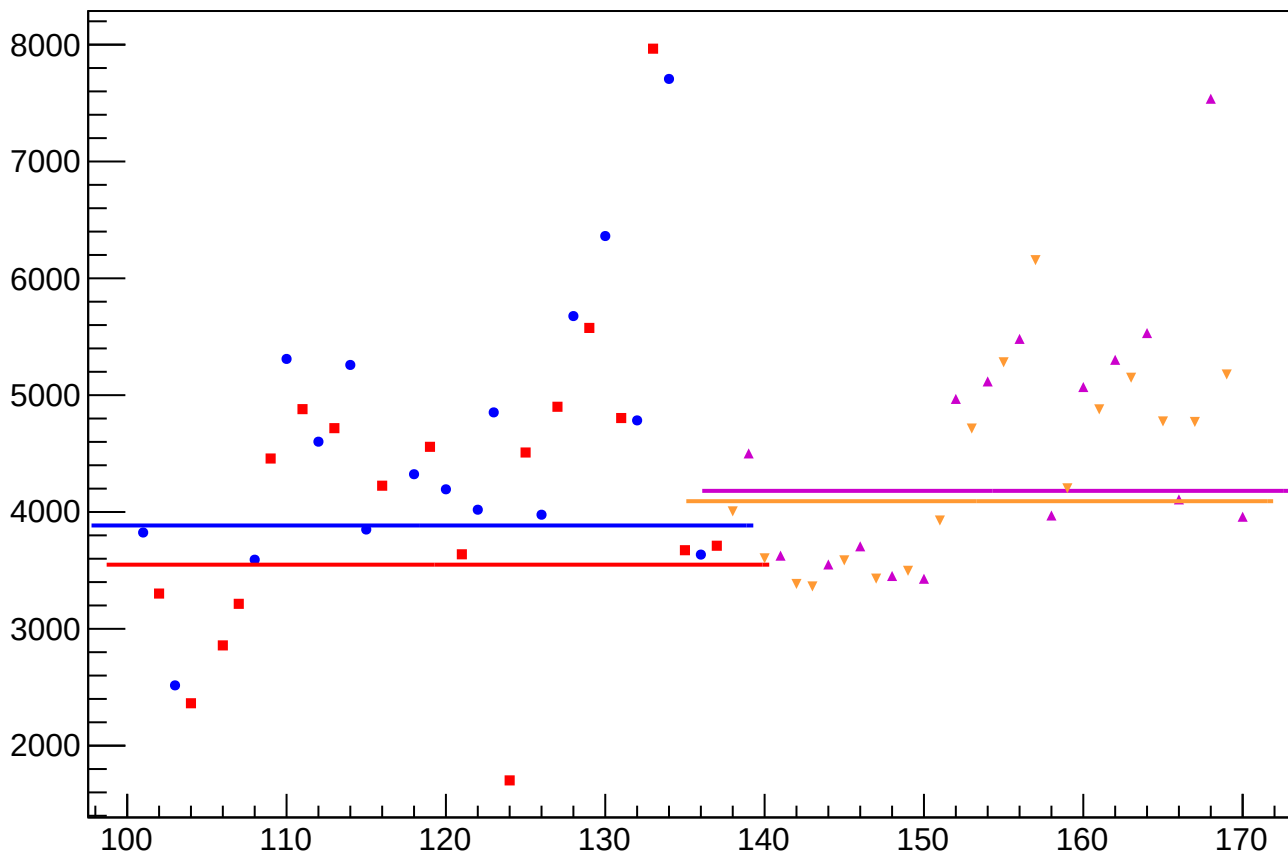
Right: 1373.479 ± 1044.694 $\chi^2/\text{NDF}: 29.6/34$

In: 17.823 ± 951.977 $\chi^2/\text{NDF}: 28.2/32$

Out: -230.694 ± 900.208 $\chi^2/\text{NDF}: 35.9/34$

All: -113.376 ± 654.079 $\chi^2/\text{NDF}: 64.1/67$

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4092.469 $\pm$ 0.826 χ^2 /NDF: 785509.6/16

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

Left In: 4180.909 $\pm$ 0.852 χ^2 /NDF: 992794.0/15

Left: 4135.299 $\pm$ 0.593 χ^2 /NDF: 1783856.1/32

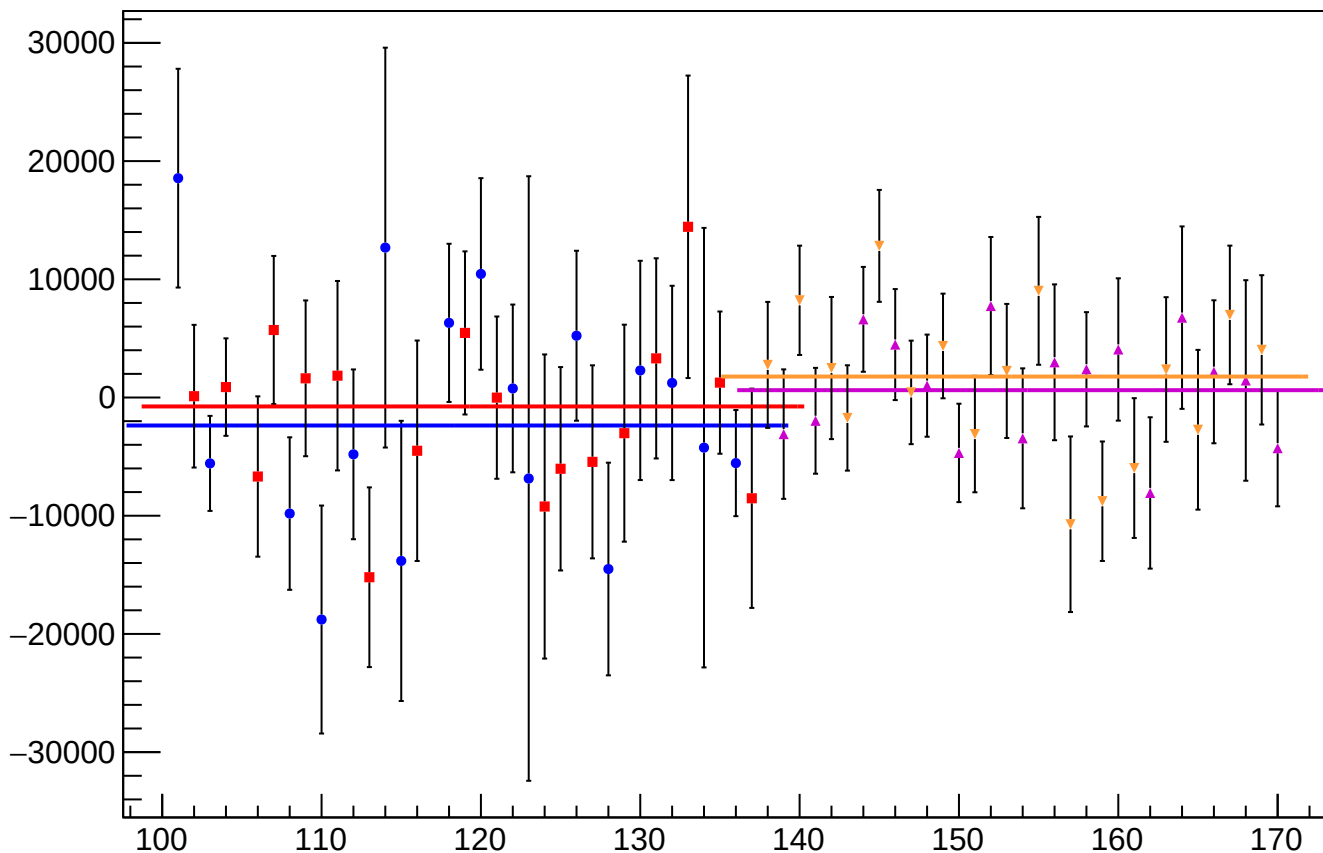
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4069.417 $\pm$ 0.673 χ^2 /NDF: 1864831.2/32

Out: 3871.843 $\pm$ 0.637 χ^2 /NDF: 2288174.0/34

All: 3965.113 $\pm$ 0.463 χ^2 /NDF: 4198484.4/67

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1772.981 $\pm$ 1297.081 χ^2 /NDF:21.1/16

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

Left In: 621.220 $\pm$ 1329.482 χ^2 /NDF:11.0/15

Left: 1211.307 $\pm$ 928.418 χ^2 /NDF: 32.5/32

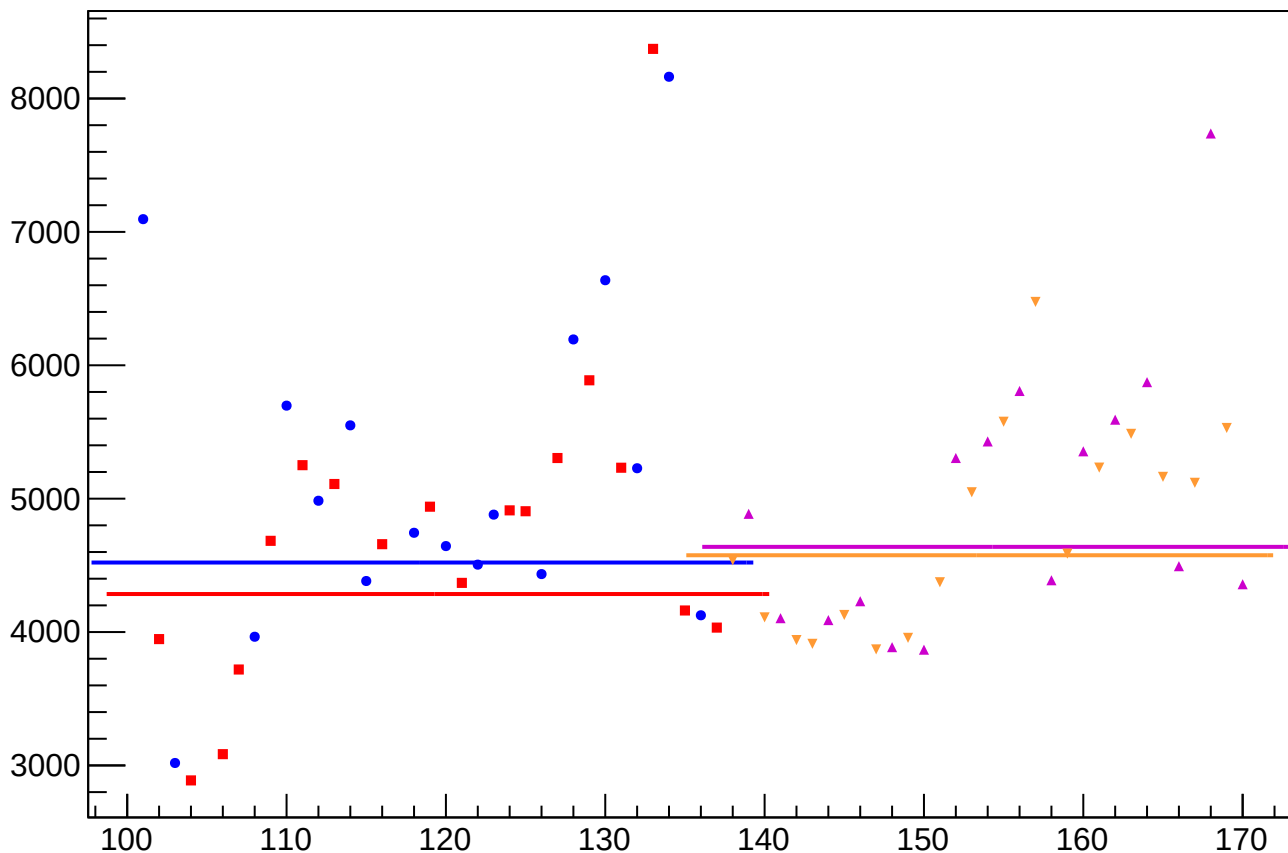
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -432.256 $\pm$ 1069.815 χ^2 /NDF:32.9/32

Out: 837.747 $\pm$ 1029.655 χ^2 /NDF:33.0/34

All: 227.030 $\pm$ 741.867 χ^2 /NDF: 66.7/67

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4575.764+/-0.917 χ^2/NDF : 542401.3/16

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

Left In: 4638.721+/-0.940 χ^2/NDF : 735979.9/15

Left: 4606.466+/-0.656 χ^2/NDF : 1280679.0/32

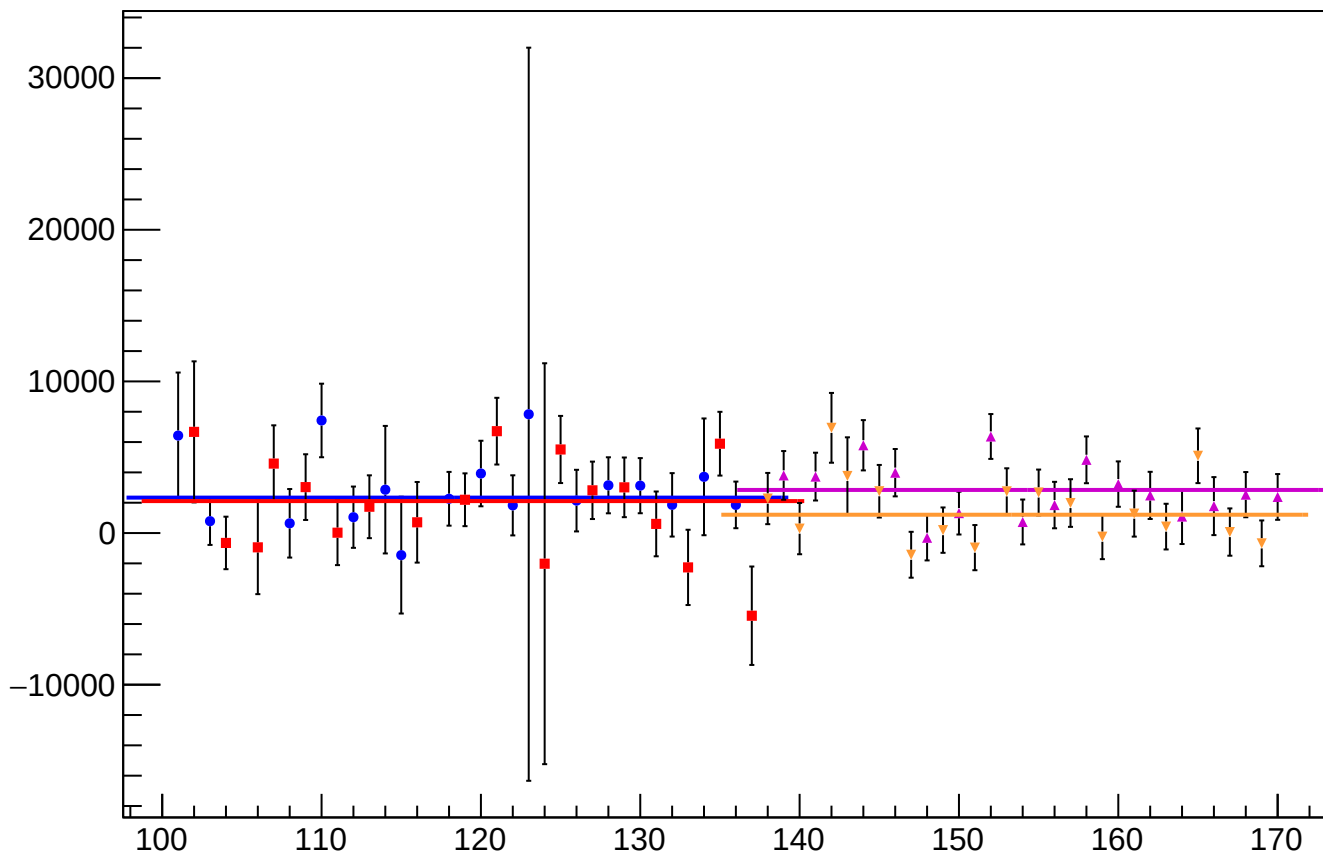
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4597.307+/-0.756 χ^2/NDF : 1520160.6/32

Out: 4467.495+/-0.727 χ^2/NDF : 1326216.4/34

All: 4529.785+/-0.524 χ^2/NDF : 2861694.1/67

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: 1208.328 $\pm$ 392.981 χ^2 /NDF:24.5/16

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

Left In: 2842.793 $\pm$ 389.193 χ^2 /NDF:21.3/15

Left: 2033.476 $\pm$ 276.531 χ^2 /NDF: 54.5/32

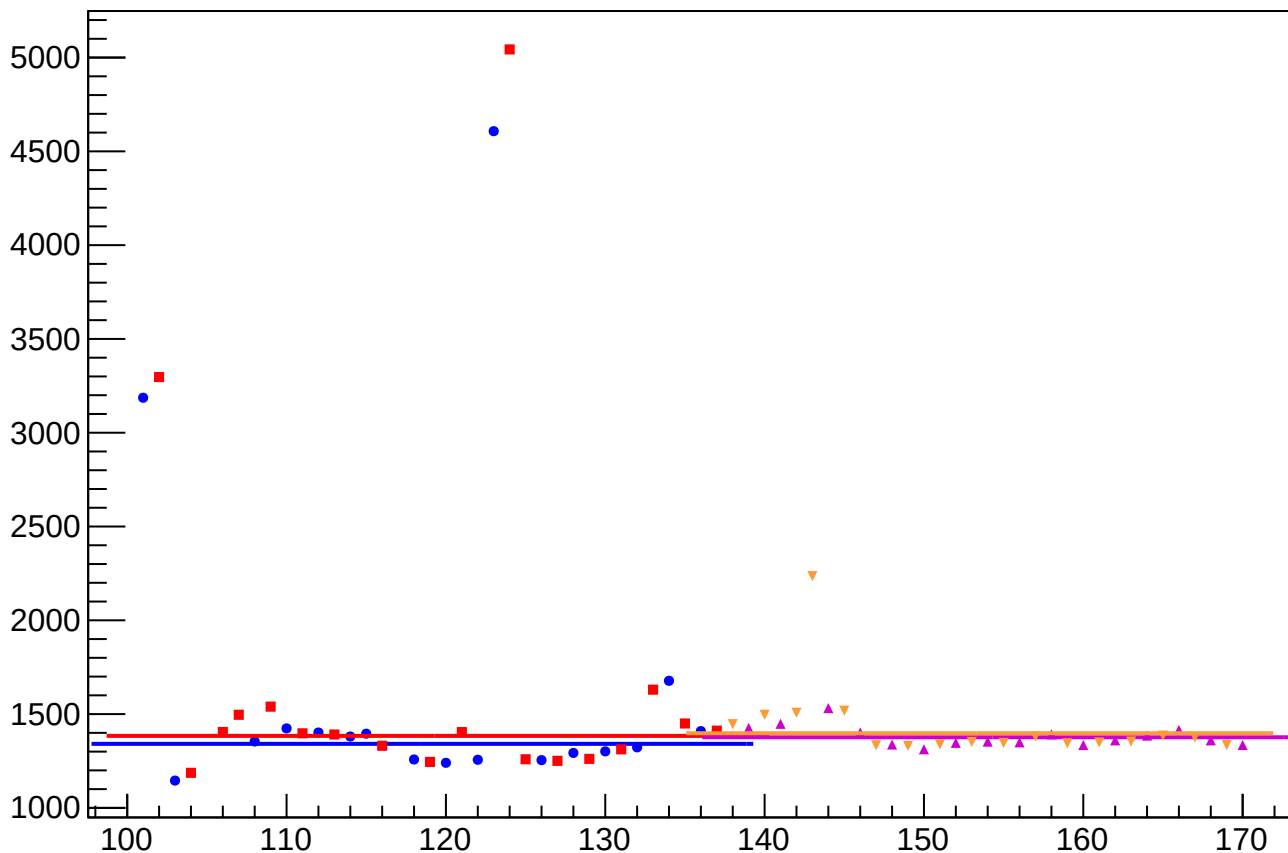
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2666.082 $\pm$ 313.933 χ^2 /NDF:31.5/32

Out: 1519.816 $\pm$ 317.668 χ^2 /NDF:52.7/34

All: 2099.727 $\pm$ 223.293 χ^2 /NDF: 90.8/67

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1398.004+/-0.278 χ^2/NDF : 264236.7/16

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

Left In: 1376.425+/-0.275 χ^2/NDF : 36142.8/15

Left: 1387.110+/-0.196 χ^2/NDF : 303423.9/32

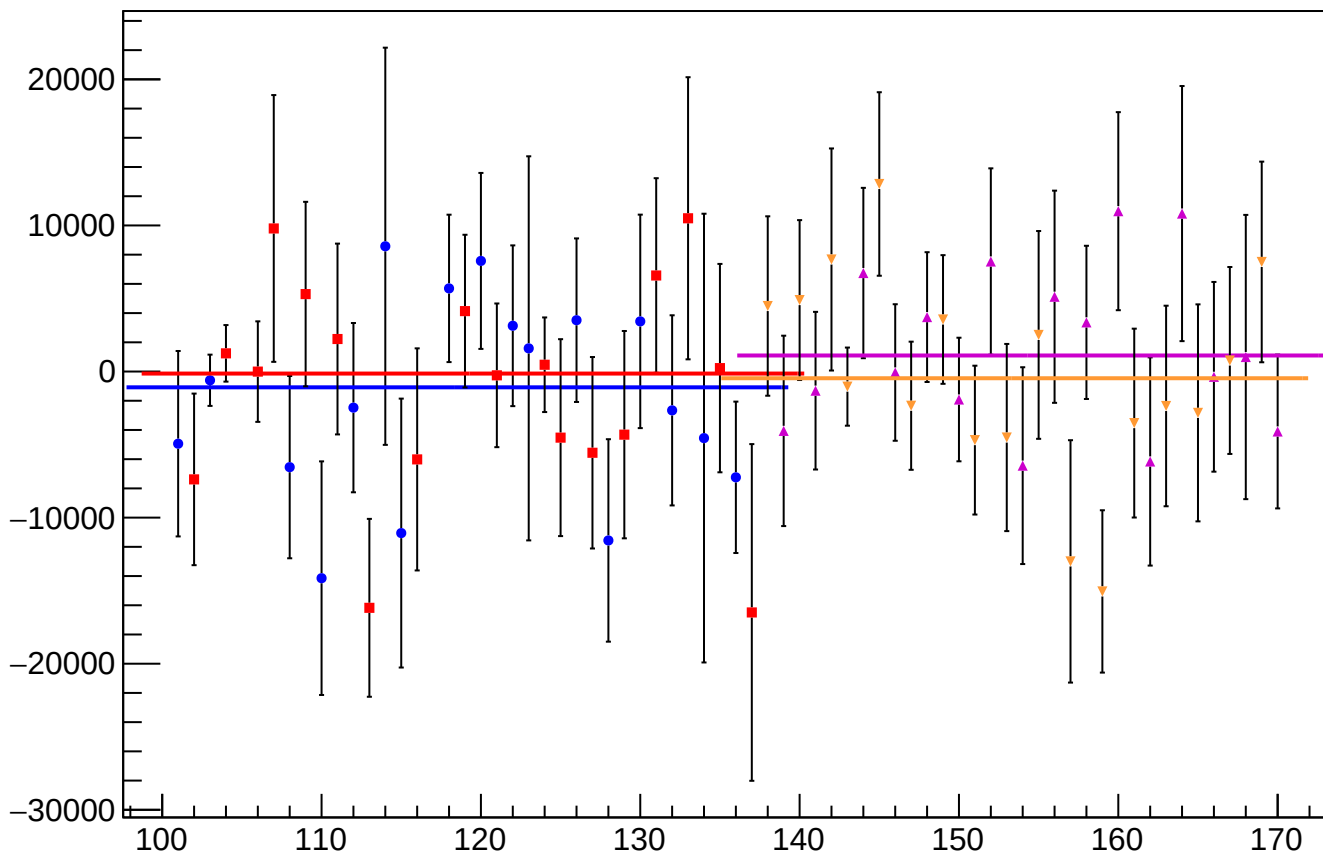
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1364.180+/-0.222 χ^2/NDF : 546082.0/32

Out: 1393.119+/-0.225 χ^2/NDF : 858974.1/34

All: 1378.480+/-0.158 χ^2/NDF : 1413454.7/67

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: -458.935 ± 1308.057 χ^2/NDF : 20.5/16

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

Left In: 1098.229 ± 1464.035 χ^2/NDF : 10.9/15

Left: 232.306 ± 975.437 χ^2/NDF : 32.0/32

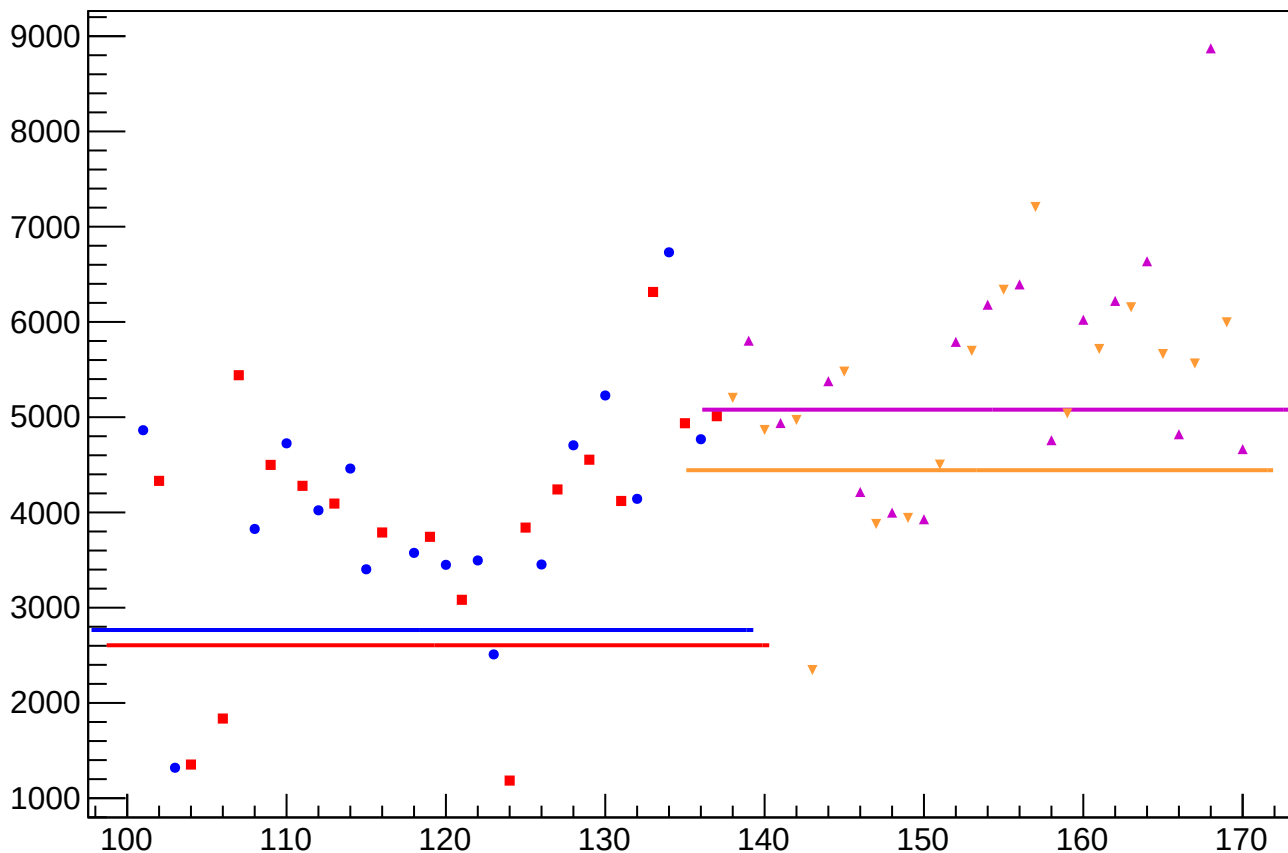
Right: -576.559 ± 826.355 χ^2/NDF : 33.3/34

In: -194.517 ± 933.772 χ^2/NDF : 27.2/32

Out: -275.539 ± 854.813 χ^2/NDF : 38.6/34

All: -238.598 ± 630.514 χ^2/NDF : 65.8/67

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4443.384 $\pm$ 0.925 χ^2 /NDF: 2279227.9/16

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 5078.997 $\pm$ 1.035 χ^2 /NDF: 990970.4/15

Left: 4725.539 $\pm$ 0.690 χ^2 /NDF: 3479830.4/32

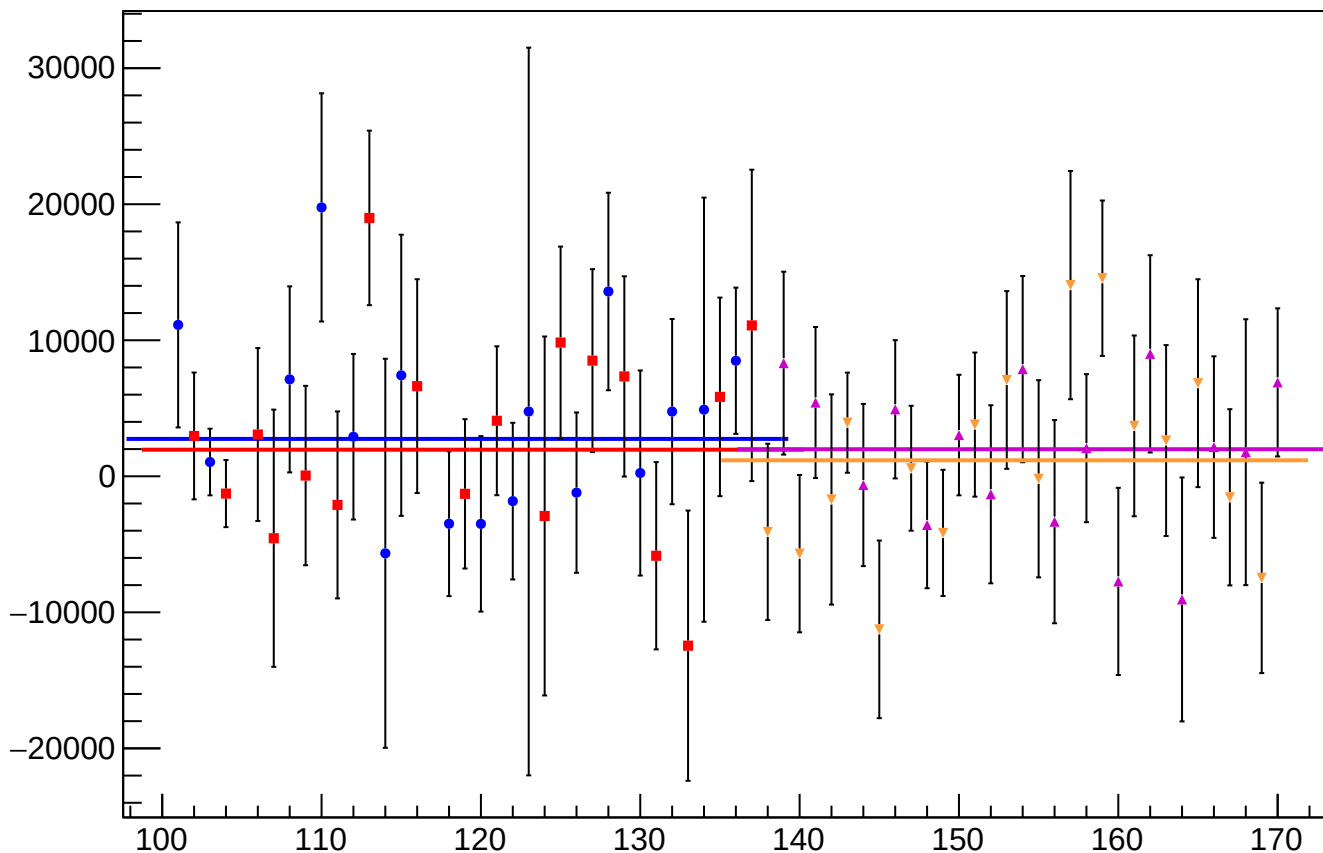
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3706.767 $\pm$ 0.660 χ^2 /NDF: 6892012.1/32

Out: 3390.402 $\pm$ 0.604 χ^2 /NDF: 7863647.2/34

All: 3534.645 $\pm$ 0.446 χ^2 /NDF: 14880561.7/6

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: 1176.253+/-1430.013 χ^2/NDF : 19.1/16

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

Left In: 1989.997+/-1517.585 χ^2/NDF : 10.1/15

Left: 1558.970+/-1040.754 χ^2/NDF : 29.3/32

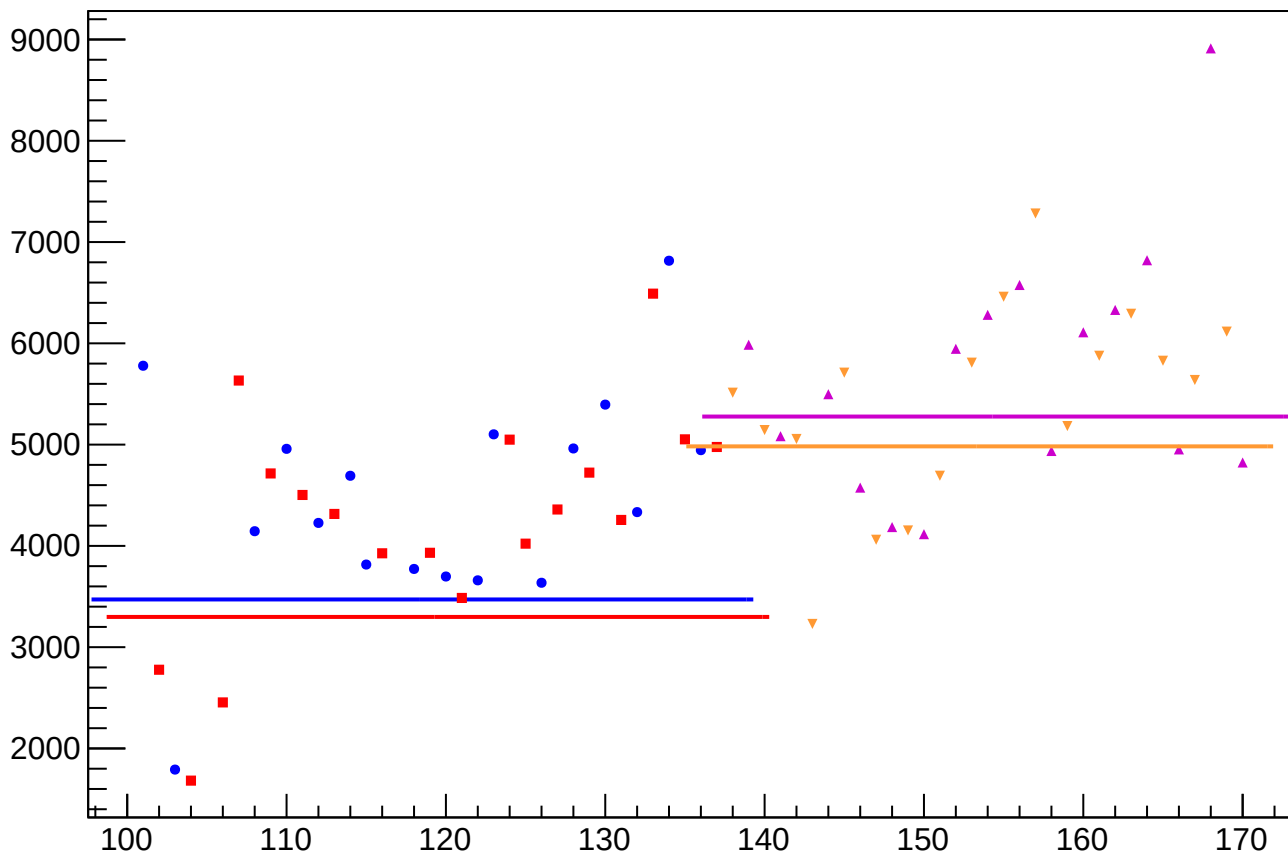
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2387.277+/-1047.111 χ^2/NDF : 24.0/32

Out: 1578.748+/-994.616 χ^2/NDF : 37.1/34

All: 1962.239+/-721.144 χ^2/NDF : 61.3/67

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: 4982.649+/-1.011 χ^2/NDF : 1115794.1/16

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

Left In: 5277.121+/-1.073 χ^2/NDF : 871284.4/15

Left: 5121.144+/-0.736 χ^2/NDF : 2026965.1/32

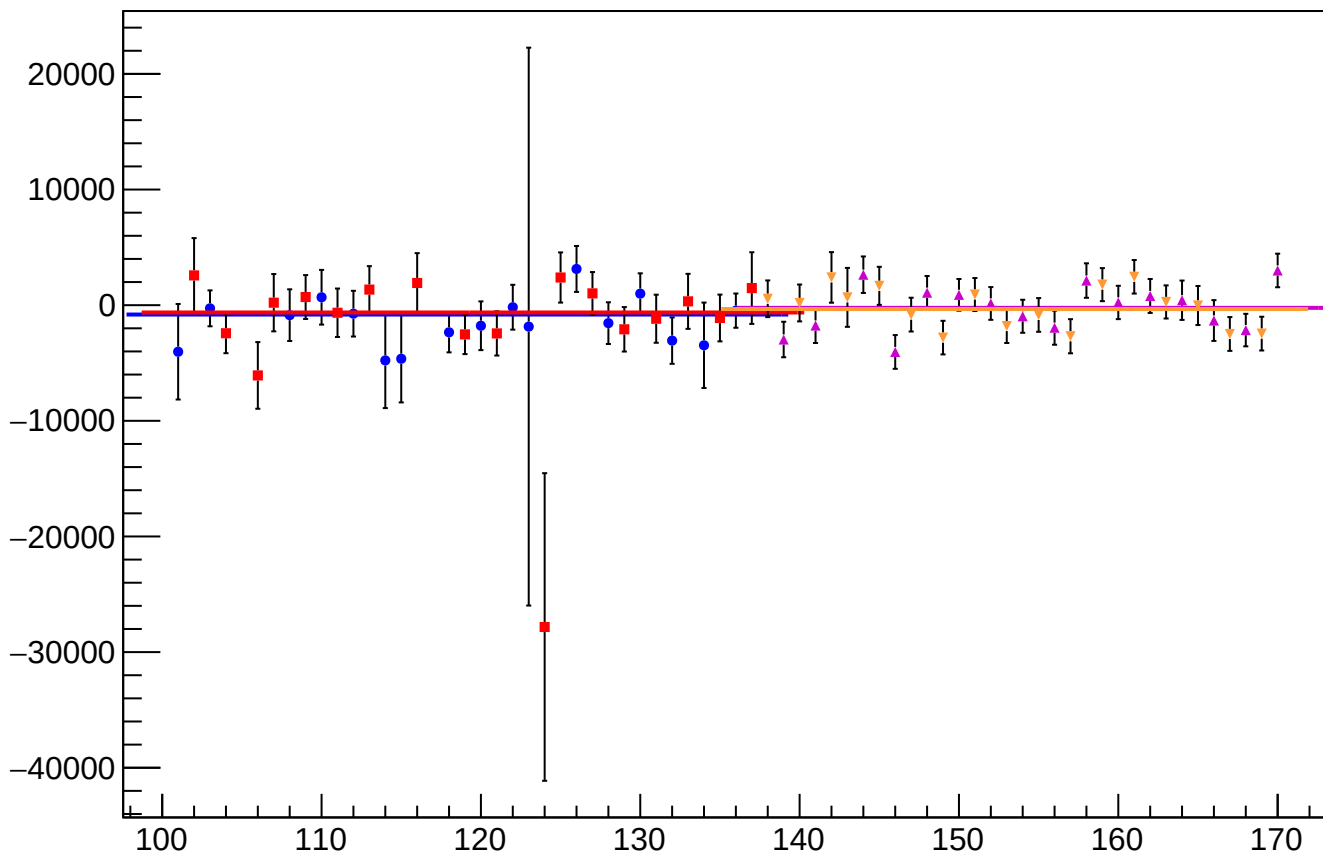
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4330.915+/-0.740 χ^2/NDF : 4123126.6/32

Out: 4105.560+/-0.700 χ^2/NDF : 4446370.6/34

All: 4211.912+/-0.509 χ^2/NDF : 8618417.0/67

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: -333.212+/-375.474 χ^2/NDF :21.5/16

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

Left In: -230.608+/-371.676 χ^2/NDF :28.0/15

Left: -281.388+/-264.147 χ^2/NDF : 49.5/32

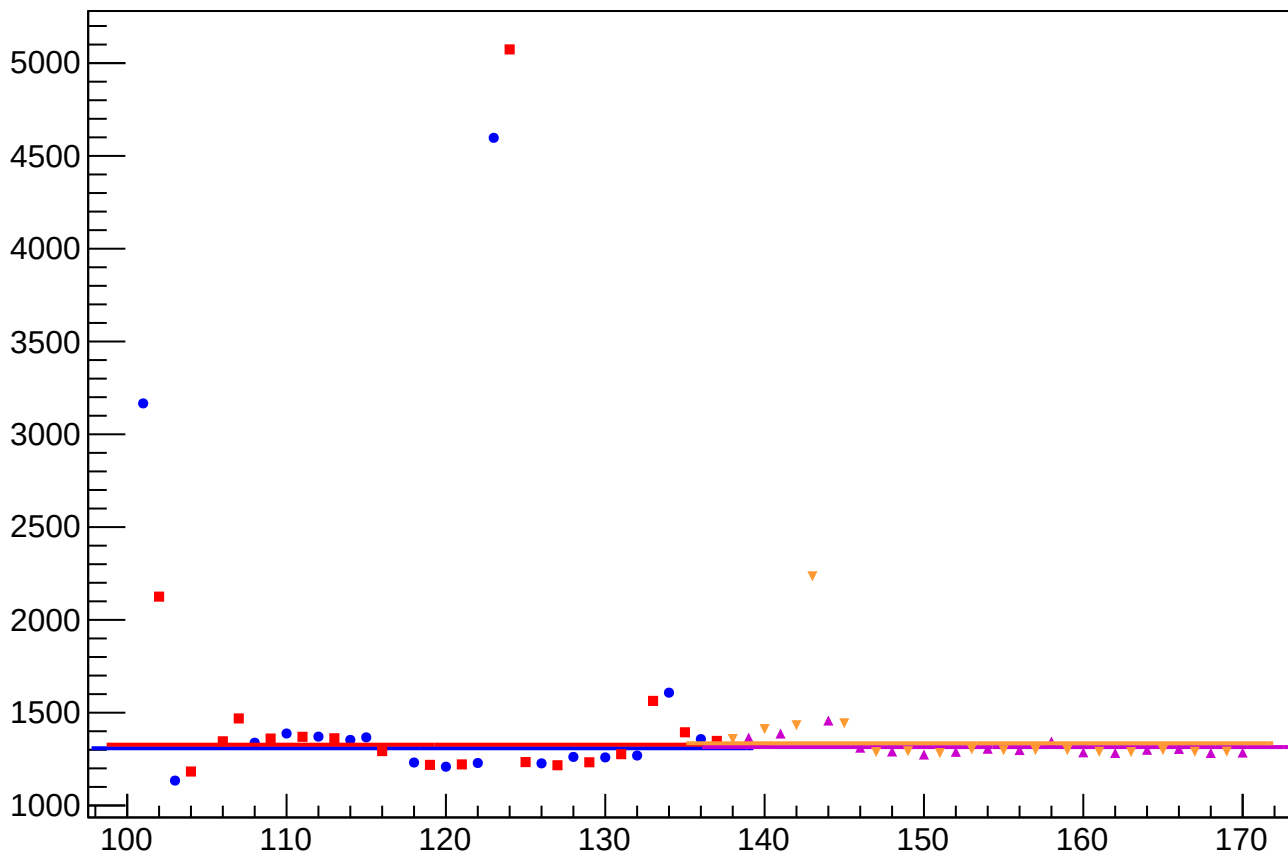
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -427.092+/-302.020 χ^2/NDF :40.0/32

Out: -436.462+/-303.385 χ^2/NDF :40.2/34

All: -431.756+/-214.041 χ^2/NDF : 80.2/67

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: 1335.176+/-0.266 χ^2/NDF : 287376.3/16

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

Left In: 1314.675+/-0.263 χ^2/NDF : 31075.1/15

Left: 1324.822+/-0.187 χ^2/NDF : 321462.8/32

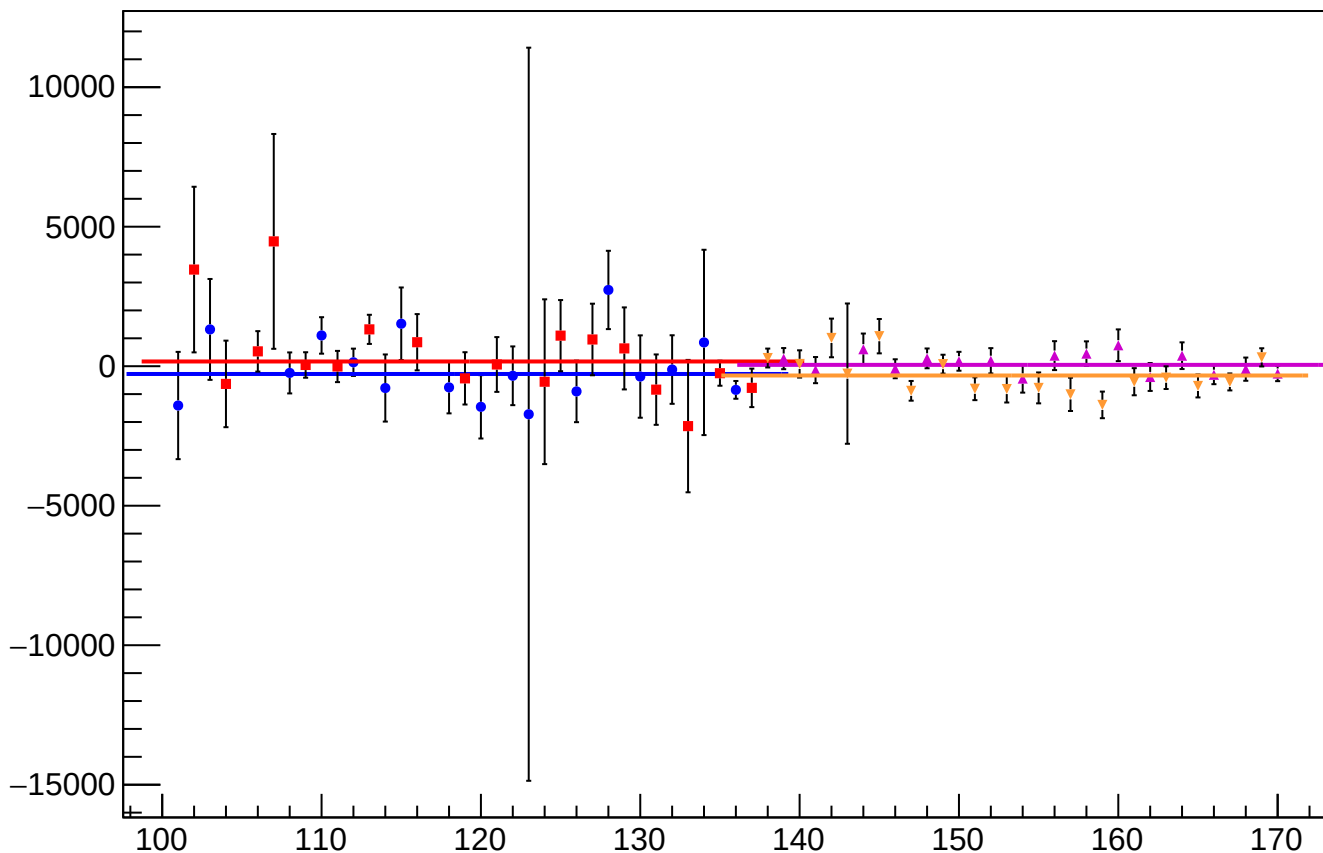
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1312.532+/-0.214 χ^2/NDF : 537815.9/32

Out: 1332.562+/-0.215 χ^2/NDF : 644986.1/34

All: 1322.502+/-0.151 χ^2/NDF : 1187180.6/67

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -332.805+/-104.391 χ^2/NDF : 31.8/16

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

Left In: 47.795+/-101.414 χ^2/NDF : 9.8/15

Left: -137.001+/-72.740 χ^2/NDF : 48.5/32

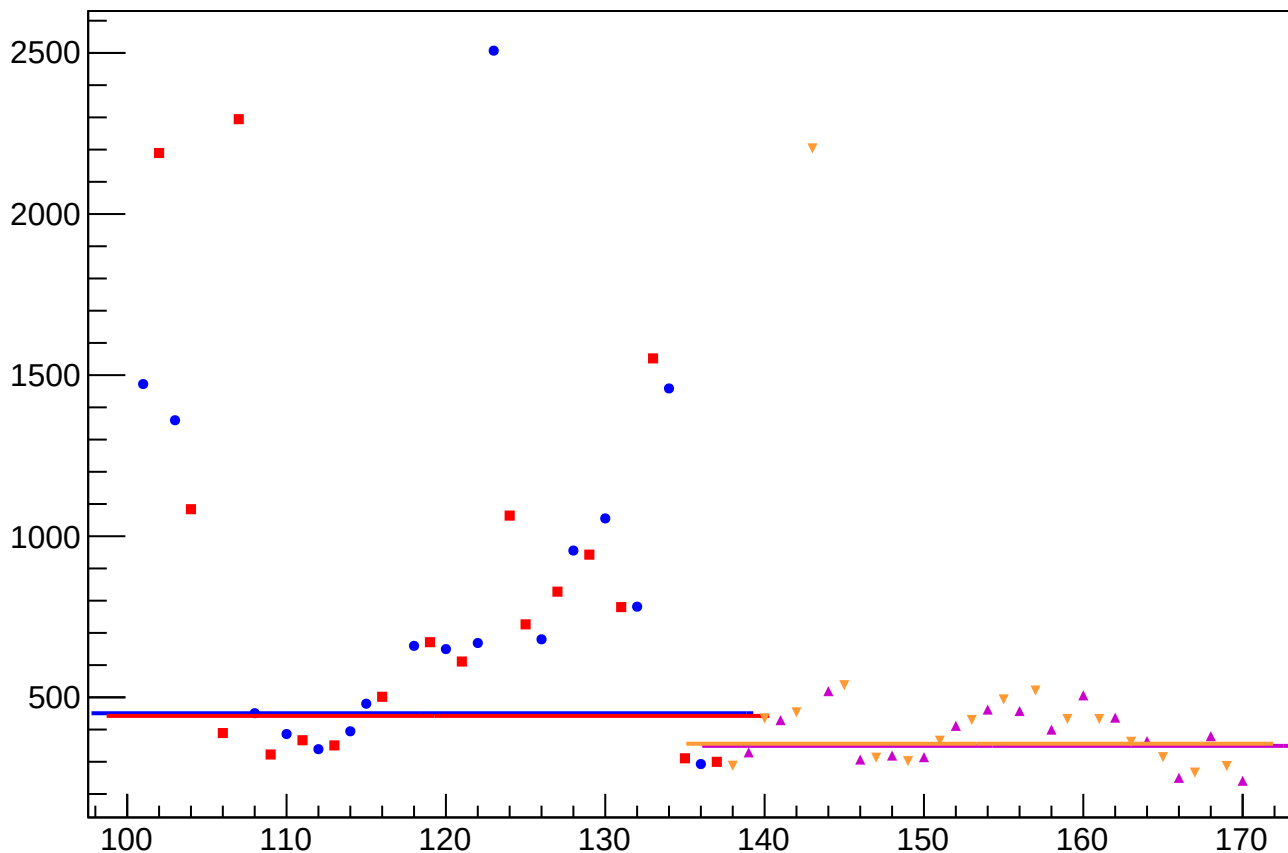
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -19.993+/-90.274 χ^2/NDF : 30.0/32

Out: -218.621+/-91.765 χ^2/NDF : 51.5/34

All: -117.681+/-64.354 χ^2/NDF : 83.9/67

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: 356.062+/-0.074 χ^2/NDF : 2219285.1/16

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

Left In: 349.357+/-0.072 χ^2/NDF : 1278964.3/15

Left: 352.613+/-0.051 χ^2/NDF : 3502495.0/32

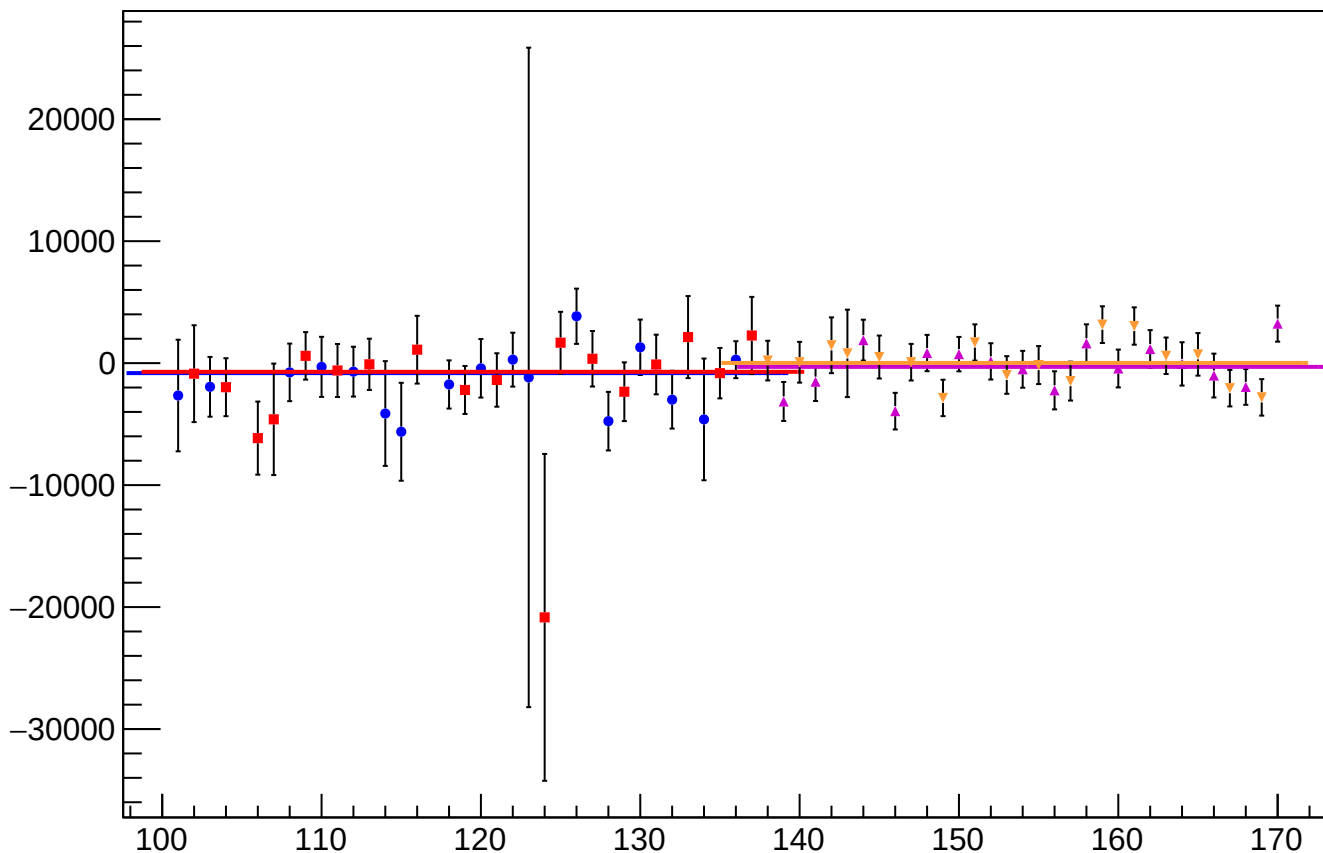
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 370.376+/-0.064 χ^2/NDF : 4690499.1/32

Out: 375.677+/-0.065 χ^2/NDF : 5898302.6/34

All: 372.983+/-0.046 χ^2/NDF : 10592194.2/67

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: 16.657+/-394.134 χ^2/NDF :20.9/16

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

Left In: -305.208+/-388.046 χ^2/NDF :23.7/15

Left: -146.780+/-276.517 χ^2/NDF : 44.9/32

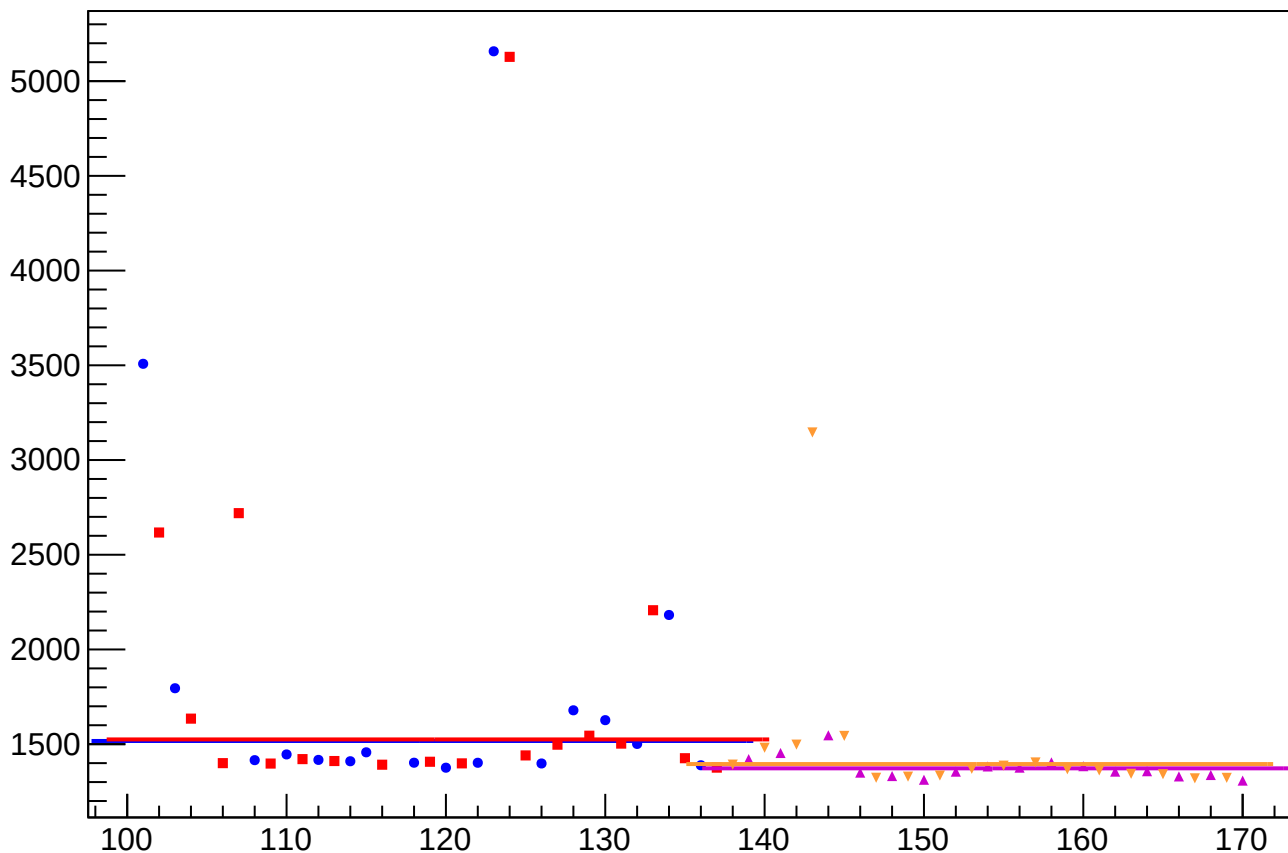
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -455.771+/-326.022 χ^2/NDF :36.9/32

Out: -204.589+/-328.762 χ^2/NDF :33.3/34

All: -331.231+/-231.495 χ^2/NDF : 70.5/67

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1395.101 $\pm$ 0.279 χ^2 /NDF: 529083.3/16

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1372.443 $\pm$ 0.274 χ^2 /NDF: 42233.6/15

Left: 1383.596 $\pm$ 0.196 χ^2 /NDF: 574673.2/32

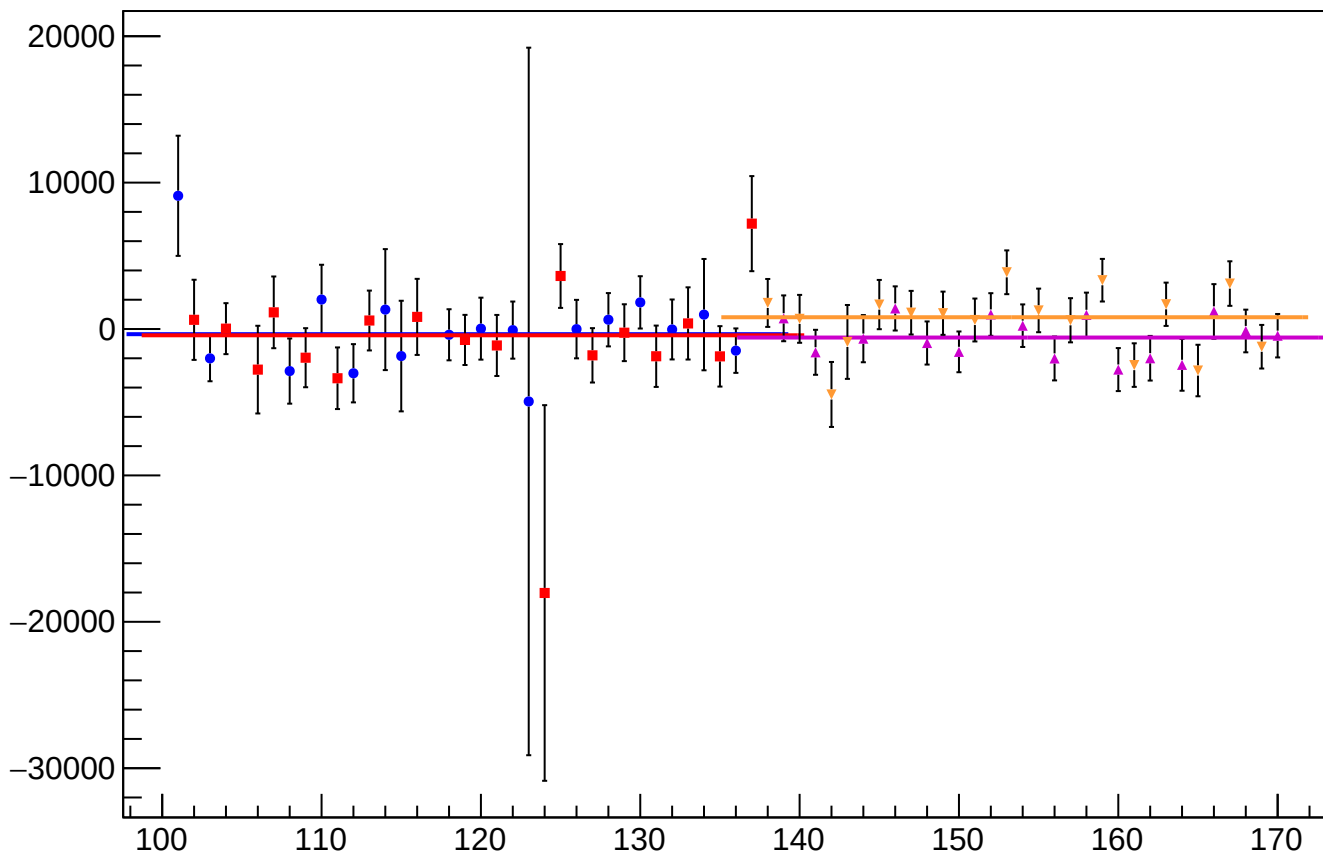
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1414.942 $\pm$ 0.231 χ^2 /NDF: 664833.9/32

Out: 1434.649 $\pm$ 0.232 χ^2 /NDF: 1167203.2/34

All: 1424.713 $\pm$ 0.164 χ^2 /NDF: 1835660.2/67

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: 803.758+/-384.617 χ^2/NDF : 27.7/16

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

Left In: -582.576+/-381.163 χ^2/NDF : 12.1/15

Left: 104.339+/-270.736 χ^2/NDF : 46.4/32

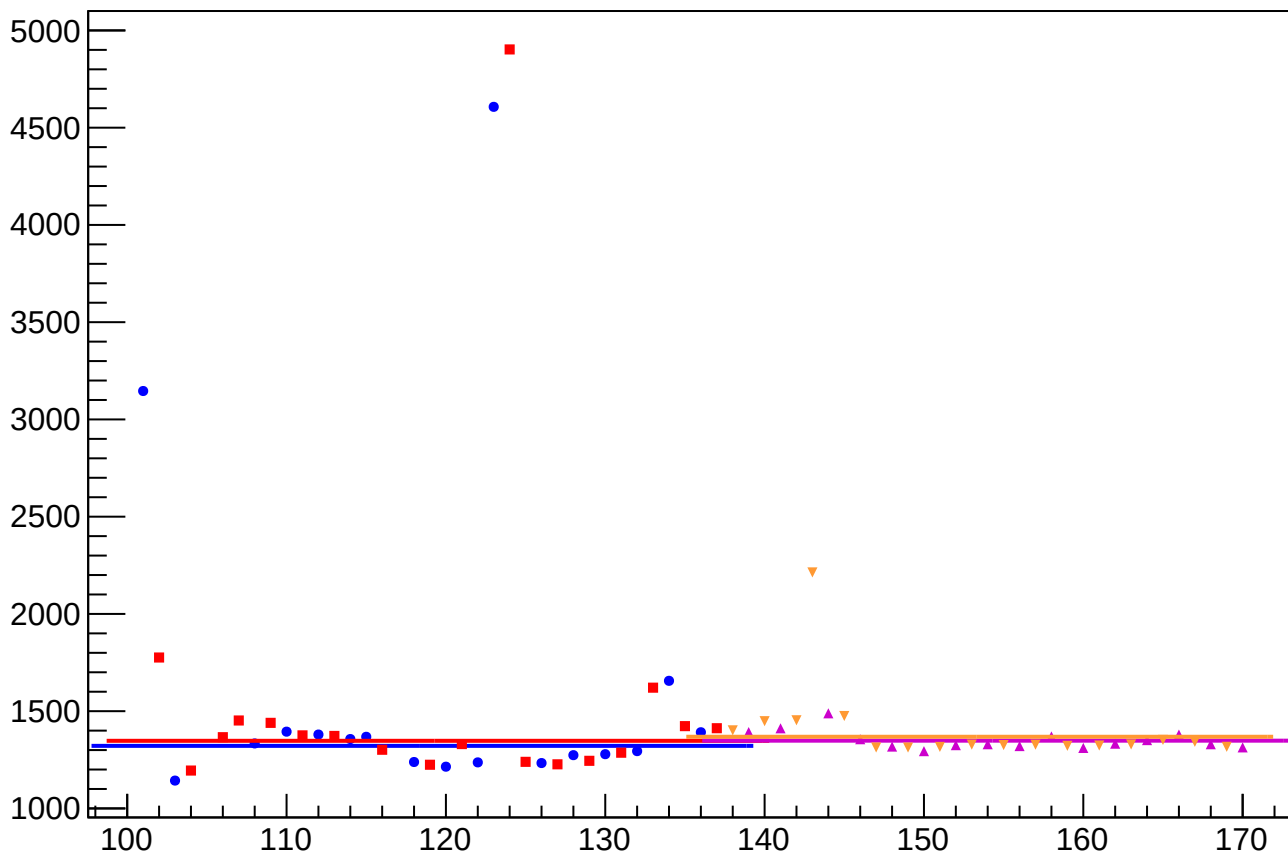
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -503.047+/-308.103 χ^2/NDF : 25.6/32

Out: 370.300+/-309.713 χ^2/NDF : 48.2/34

All: -68.650+/-218.429 χ^2/NDF : 77.8/67

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: 1368.450+/-0.272 χ^2/NDF : 261852.3/16

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

Left In: 1348.360+/-0.270 χ^2/NDF : 29531.9/15

Left: 1358.315+/-0.191 χ^2/NDF : 294137.3/32

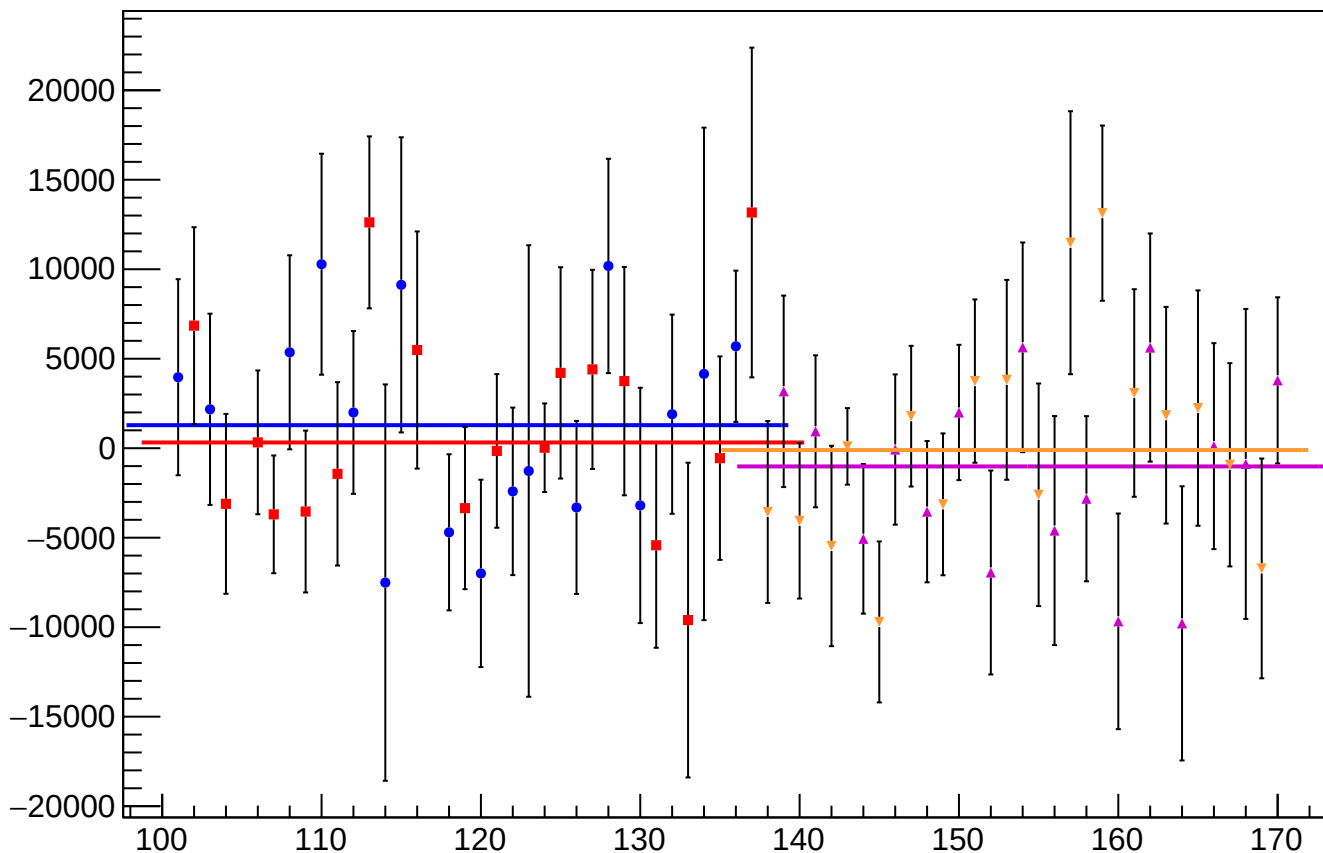
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1339.120+/-0.218 χ^2/NDF : 535168.3/32

Out: 1361.131+/-0.219 χ^2/NDF : 550212.2/34

All: 1350.070+/-0.154 χ^2/NDF : 1090458.7/67

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: -103.300+/-1101.482 χ^2/NDF : 20.5/16

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

Left In: -1017.461+/-1260.885 χ^2/NDF : 11.3/15

Left: -498.977+/-829.534 χ^2/NDF : 32.1/32

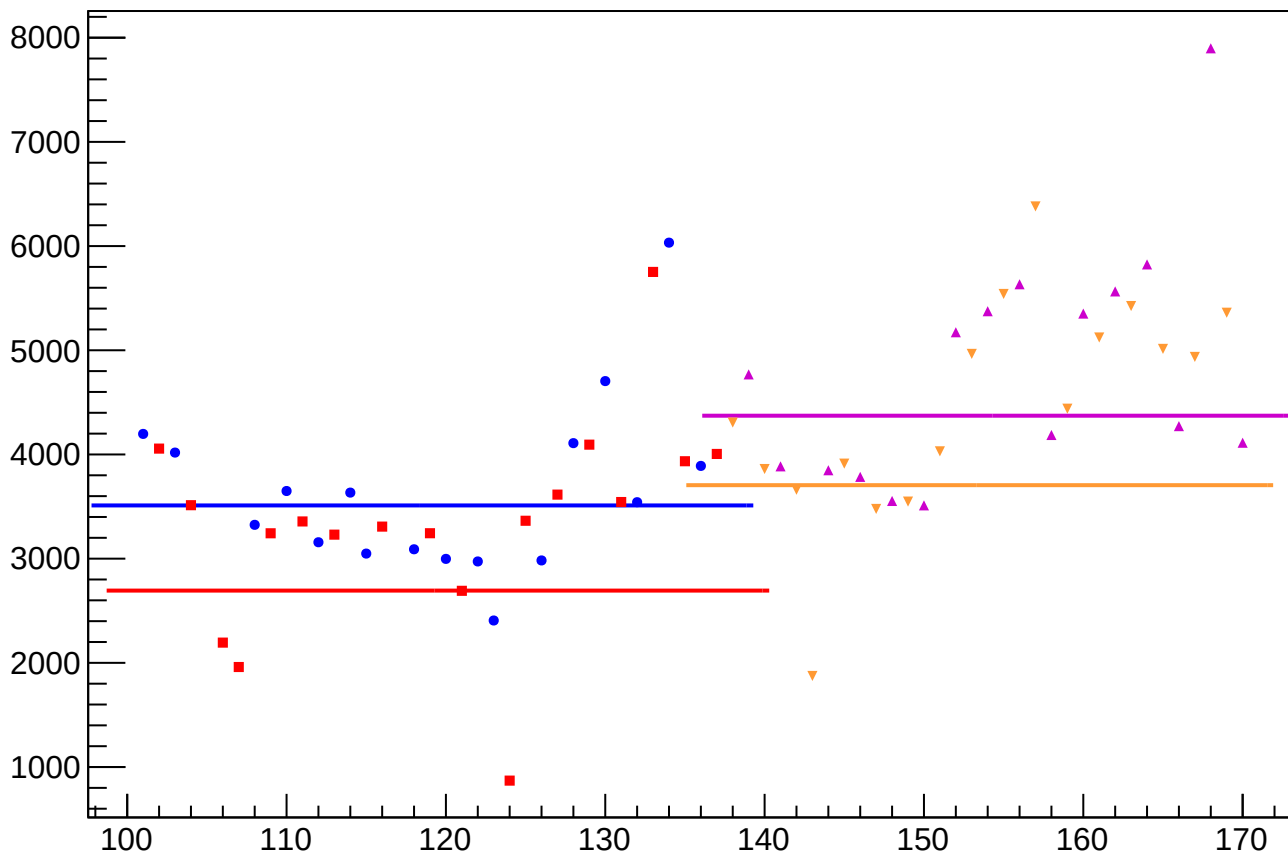
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 34.706+/-929.572 χ^2/NDF : 27.1/32

Out: 108.315+/-780.310 χ^2/NDF : 38.1/34

All: 77.888+/-597.655 χ^2/NDF : 65.2/67

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: 3705.234 $\pm$ 0.779 χ^2 /NDF: 2707743.1/16

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

Left In: 4372.012 $\pm$ 0.892 χ^2 /NDF: 1009474.3/15

Left: 3993.835 $\pm$ 0.587 χ^2 /NDF: 4034433.7/32

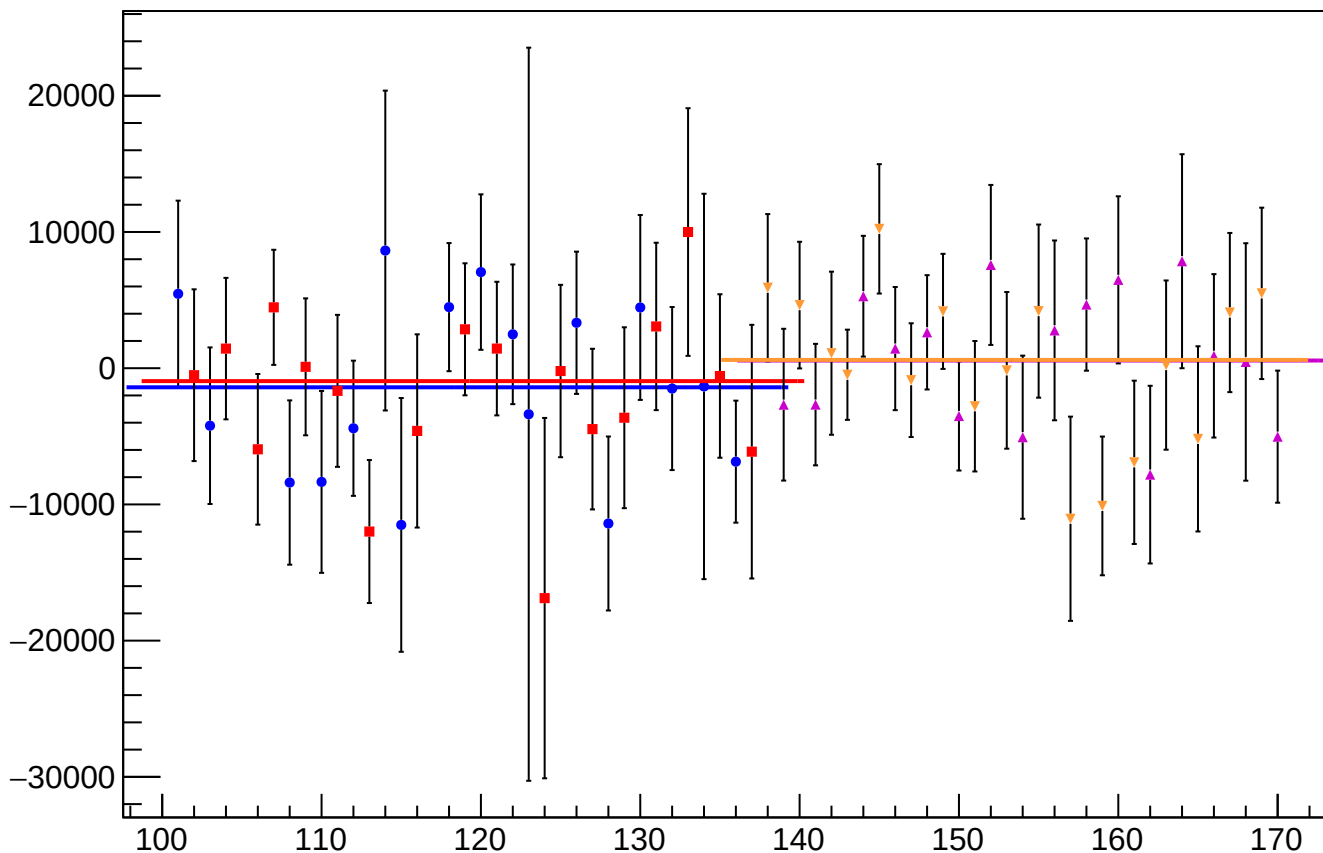
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3978.885 $\pm$ 0.657 χ^2 /NDF: 1779443.5/32

Out: 3201.247 $\pm$ 0.552 χ^2 /NDF: 5674127.3/34

All: 3522.696 $\pm$ 0.423 χ^2 /NDF: 8274652.2/67

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: 608.638+/-1247.743 χ^2/NDF : 17.7/16

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

Left In: 563.725+/-1320.413 χ^2/NDF : 11.2/15

Left: 587.451+/-906.890 χ^2/NDF : 29.0/32

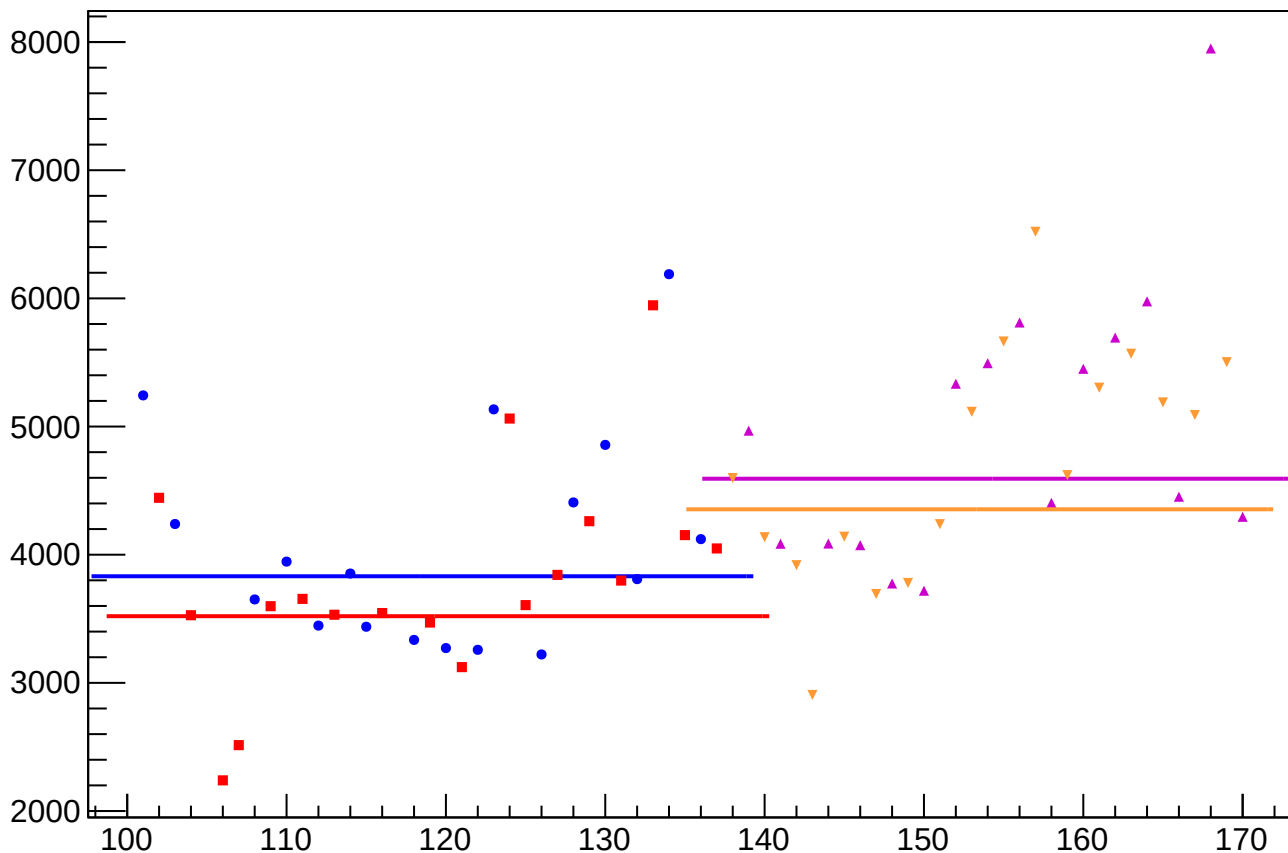
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -291.564+/-992.311 χ^2/NDF : 28.0/32

Out: -90.003+/-926.338 χ^2/NDF : 30.9/34

All: -183.861+/-677.143 χ^2/NDF : 58.9/67

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4354.235+/-0.882 χ^2/NDF : 1041548.4/16

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

Left In: 4592.847+/-0.934 χ^2/NDF : 870474.1/15

Left: 4466.794+/-0.641 χ^2/NDF : 1946525.1/32

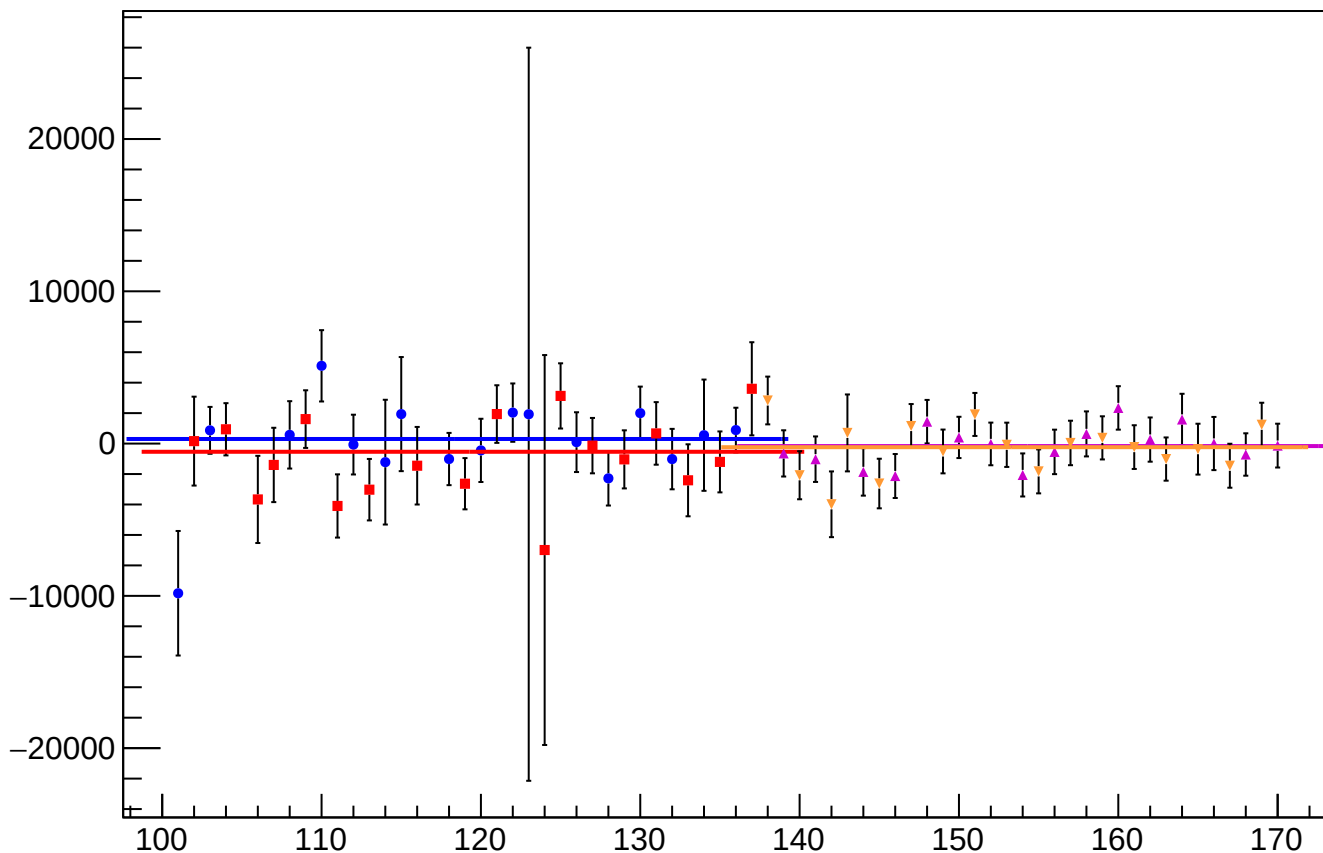
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4261.619+/-0.702 χ^2/NDF : 1497341.1/32

Out: 3976.102+/-0.652 χ^2/NDF : 1990841.5/34

All: 4108.468+/-0.478 χ^2/NDF : 3576999.6/67

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -237.310 ± 371.618 $\chi^2/\text{NDF}: 17.3/16$

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

Left In: -163.466 ± 367.887 $\chi^2/\text{NDF}: 11.5/15$

Left: -200.015 ± 261.445 $\chi^2/\text{NDF}: 28.8/32$

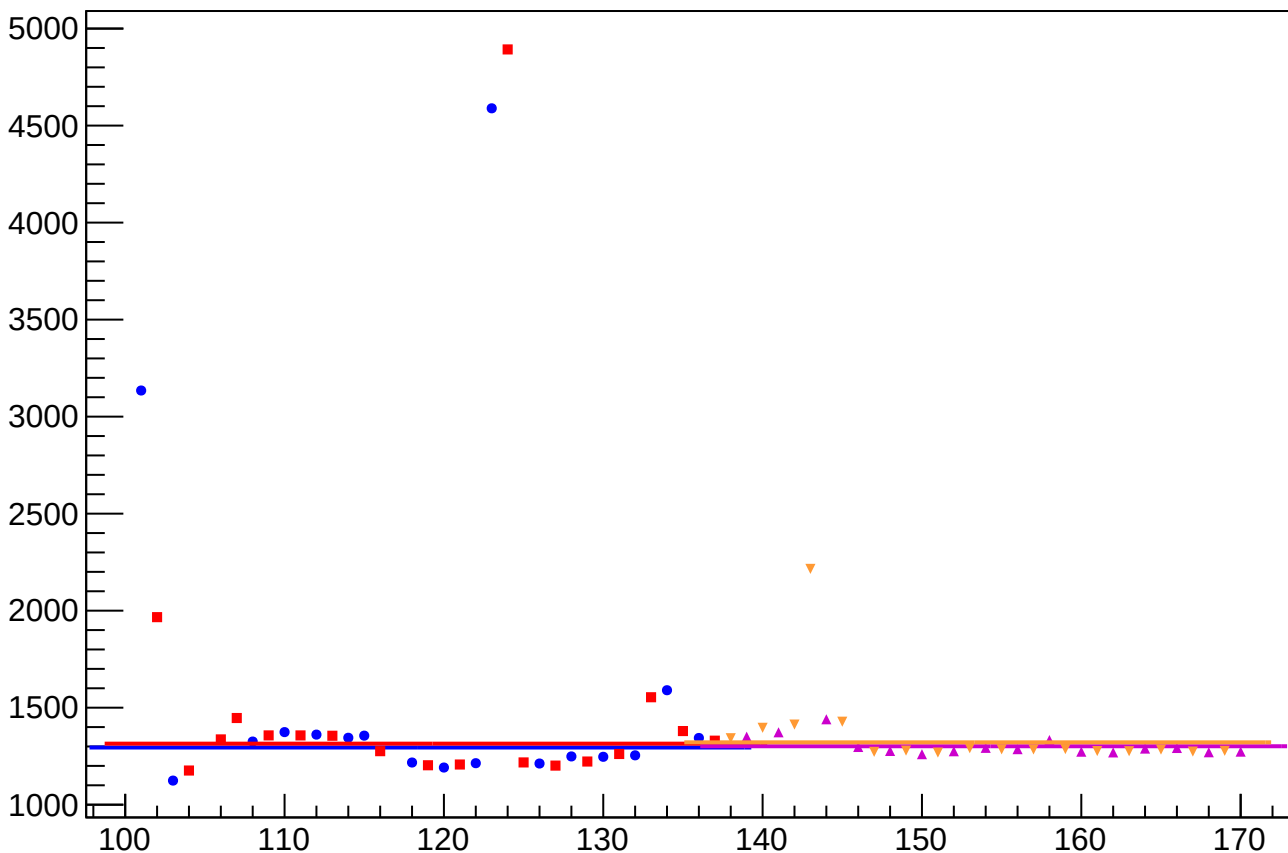
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -5.329 ± 298.927 $\chi^2/\text{NDF}: 28.1/32$

Out: -341.849 ± 300.073 $\chi^2/\text{NDF}: 35.0/34$

All: -172.945 ± 211.777 $\chi^2/\text{NDF}: 63.7/67$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1321.372+/-0.263 χ^2/NDF : 288011.1/16

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

Left In: 1301.256+/-0.260 χ^2/NDF : 30562.0/15

Left: 1311.213+/-0.185 χ^2/NDF : 321532.8/32

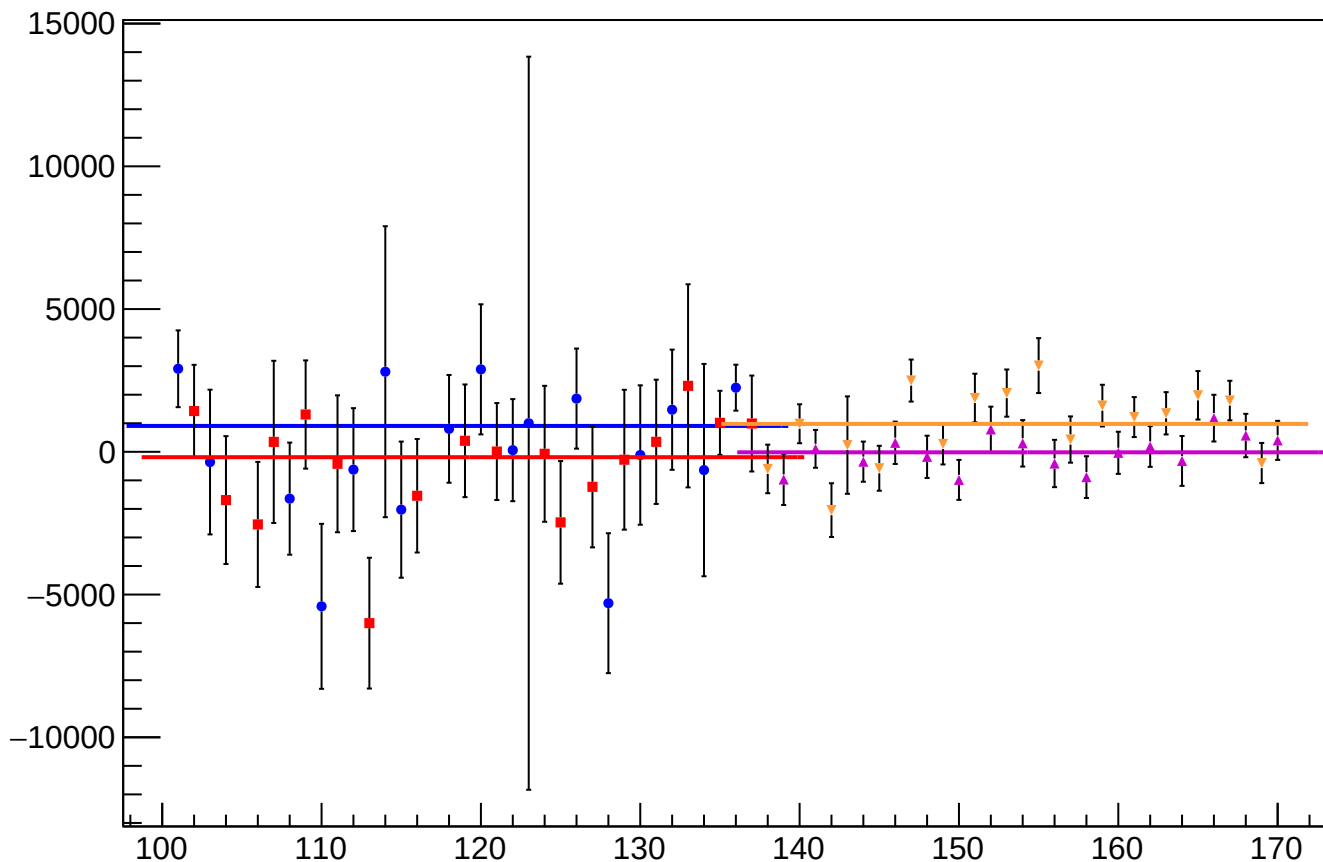
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1299.039+/-0.211 χ^2/NDF : 538579.8/32

Out: 1319.012+/-0.212 χ^2/NDF : 622081.7/34

All: 1308.987+/-0.150 χ^2/NDF : 1165108.7/67

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: 977.284 $\pm$ 192.147 χ^2 /NDF:38.6/16

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

Left In: -17.639 $\pm$ 188.581 χ^2 /NDF:9.6/15

Left: 470.505 $\pm$ 134.590 χ^2 /NDF: 61.9/32

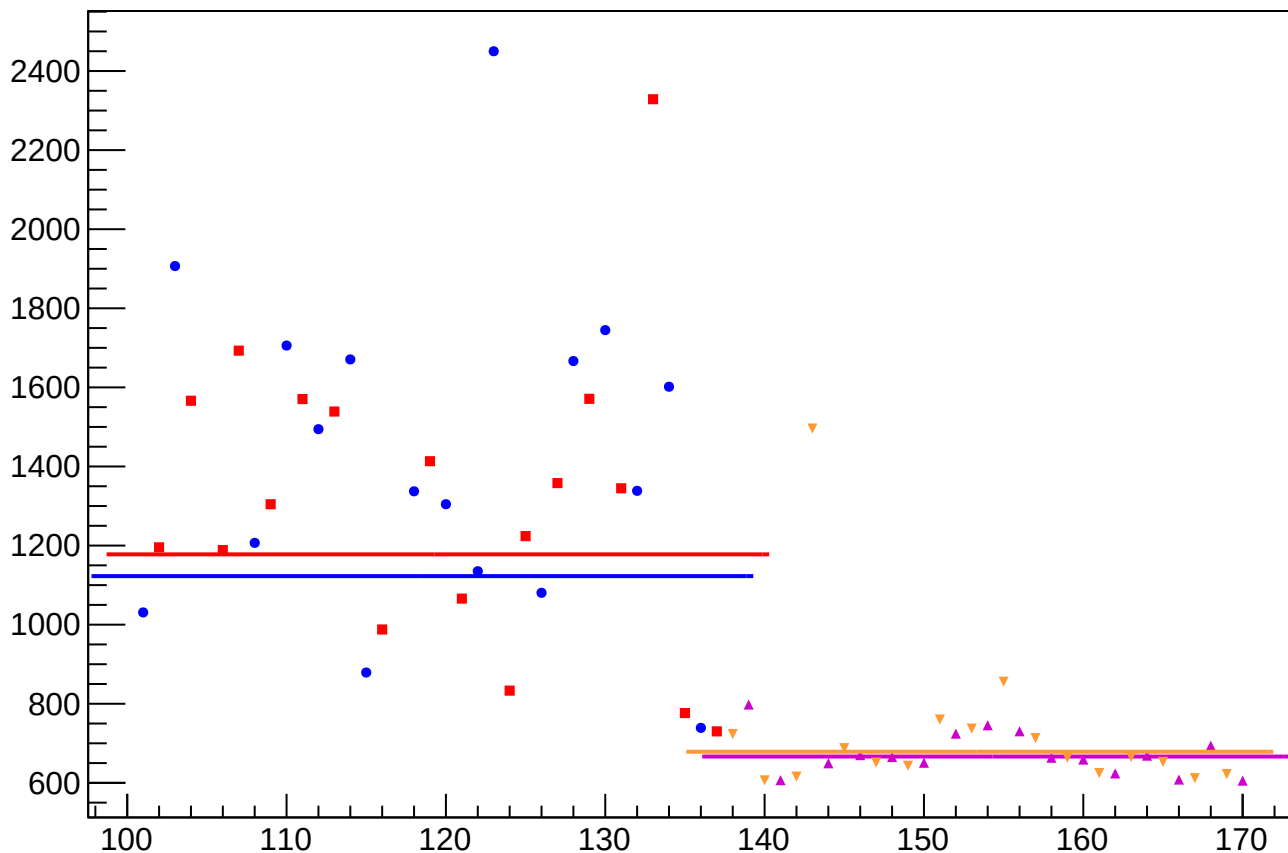
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 117.439 $\pm$ 174.258 χ^2 /NDF:35.1/32

Out: 807.017 $\pm$ 177.557 χ^2 /NDF:57.8/34

All: 455.762 $\pm$ 124.369 χ^2 /NDF: 100.6/67

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: 678.736+/-0.136 χ^2/NDF : 649840.3/16

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 666.533+/-0.133 χ^2/NDF : 138966.0/15

Left: 672.521+/-0.095 χ^2/NDF : 792915.2/32

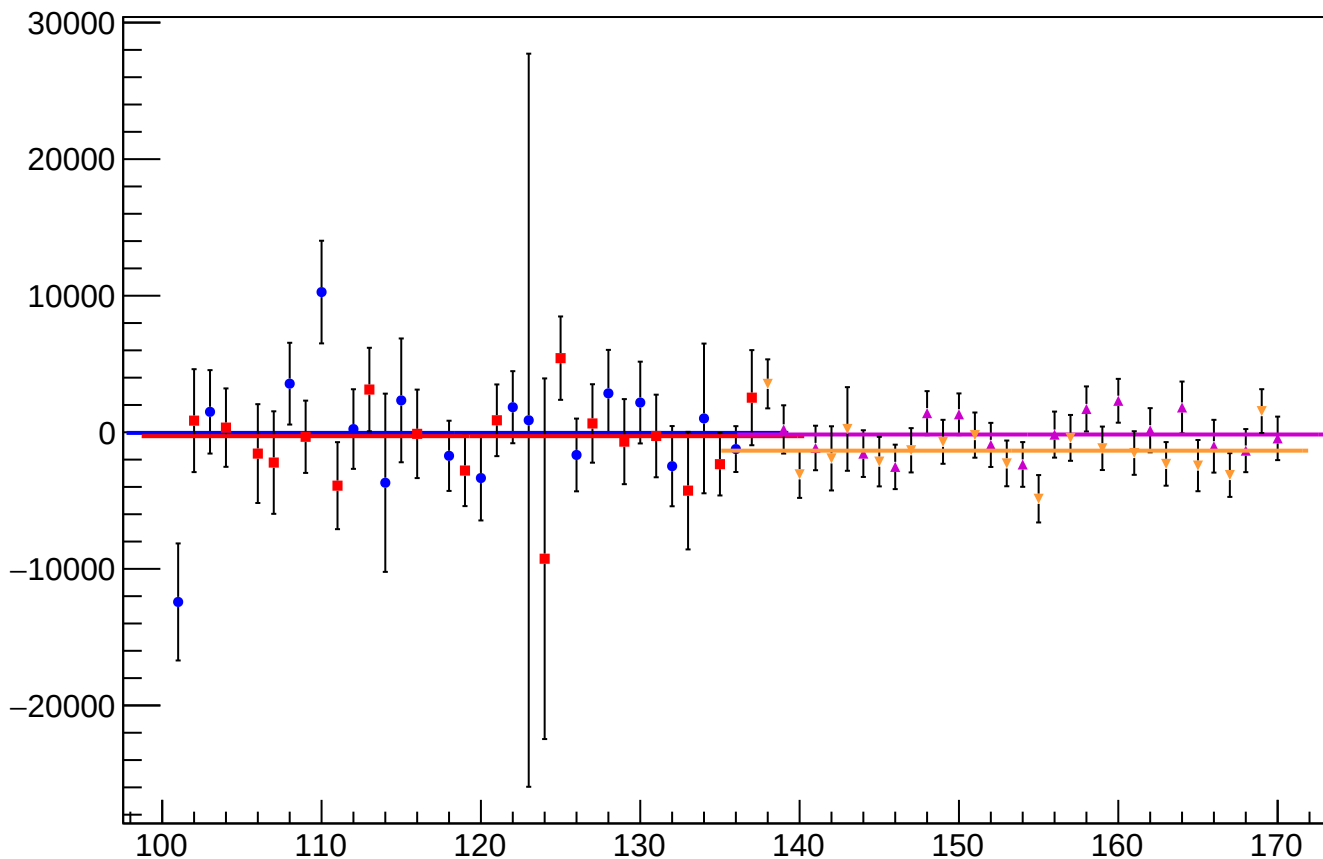
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 733.207+/-0.123 χ^2/NDF : 3037686.0/32

Out: 751.647+/-0.126 χ^2/NDF : 3642640.0/34

All: 742.254+/-0.088 χ^2/NDF : 6691314.1/67

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1344.378 ± 420.531 $\chi^2/\text{NDF}: 19.6/16$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

Left In: -162.068 ± 414.588 $\chi^2/\text{NDF}: 12.7/15$

Left: -744.809 ± 295.237 $\chi^2/\text{NDF}: 36.2/32$

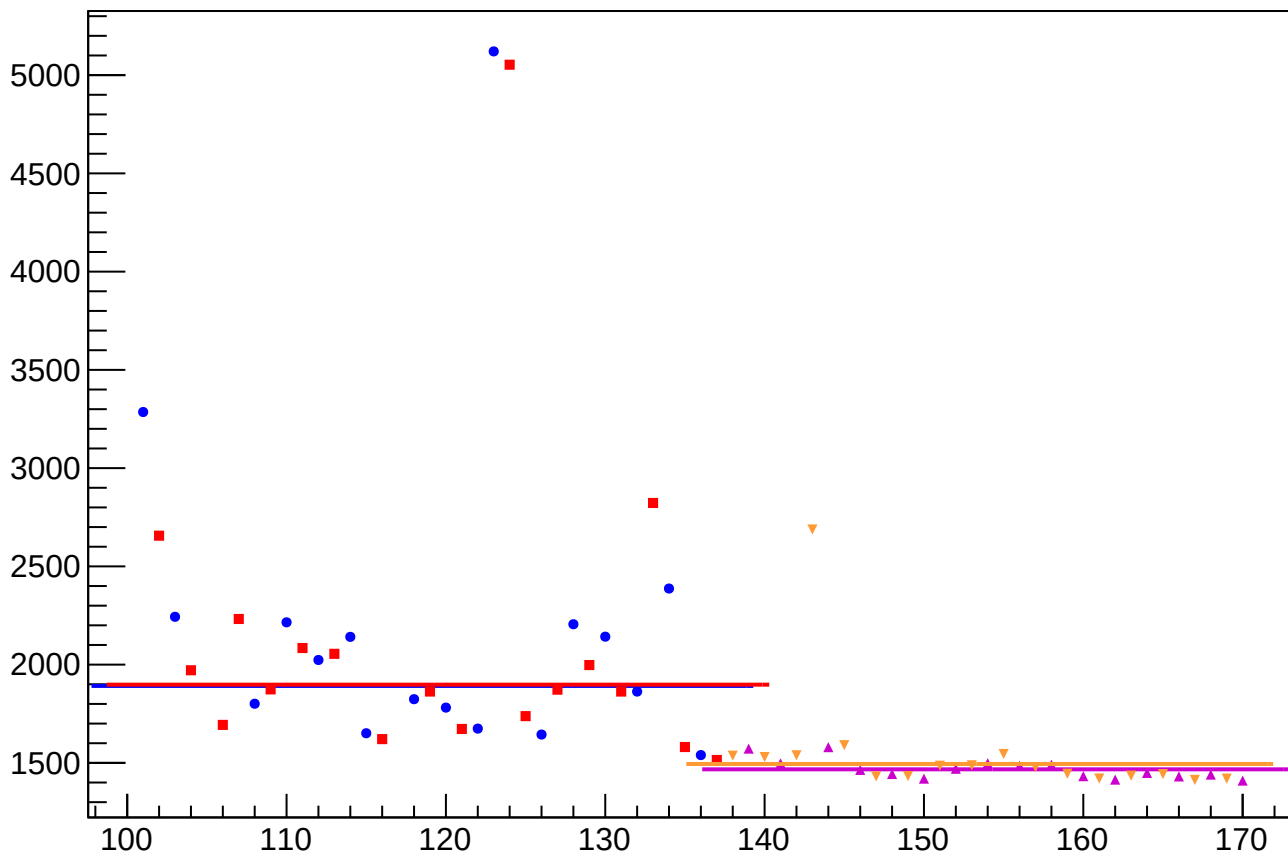
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

In: -134.384 ± 362.567 $\chi^2/\text{NDF}: 35.9/32$

Out: -1083.412 ± 365.058 $\chi^2/\text{NDF}: 31.7/34$

All: -605.649 ± 257.250 $\chi^2/\text{NDF}: 71.0/67$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1494.422 $\pm$ 0.297 χ^2 /NDF: 339771.6/16

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

Left In: 1467.138 $\pm$ 0.293 χ^2 /NDF: 27372.3/15

Left: 1480.586 $\pm$ 0.209 χ^2 /NDF: 371413.3/32

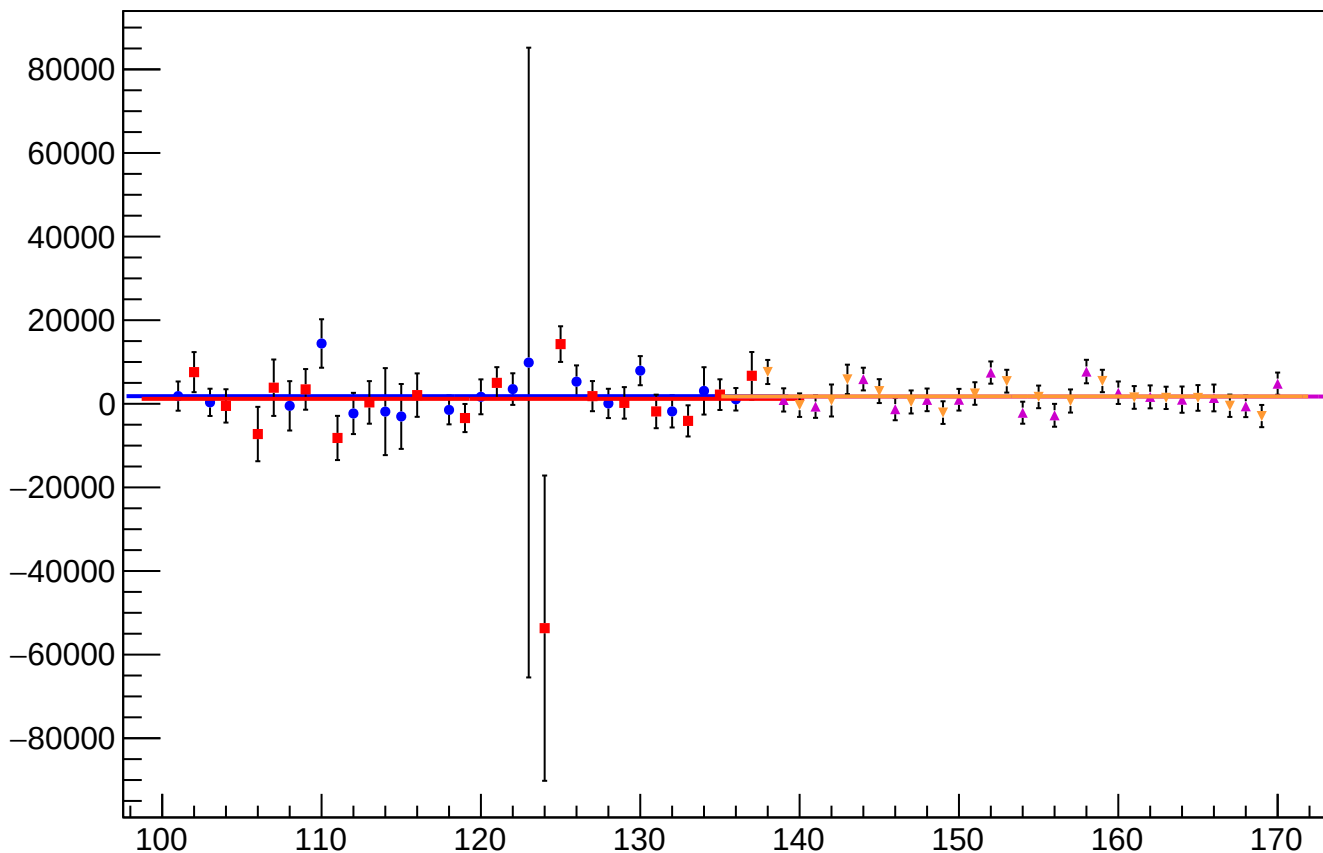
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1566.992 $\pm$ 0.256 χ^2 /NDF: 989713.0/32

Out: 1593.879 $\pm$ 0.258 χ^2 /NDF: 1217412.9/34

All: 1580.343 $\pm$ 0.182 χ^2 /NDF: 2212587.7/66

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2/NDF : 12.6/16

Left Out: 1764.117 $\pm$ 685.392 χ^2/NDF : 16.3/16

Right Out: 1182.804 $\pm$ 1049.924 χ^2/NDF : 25.5/17

Left In: 1735.923 $\pm$ 684.562 χ^2/NDF : 21.1/15

Left: 1750.003 $\pm$ 484.351 χ^2/NDF : 37.4/32

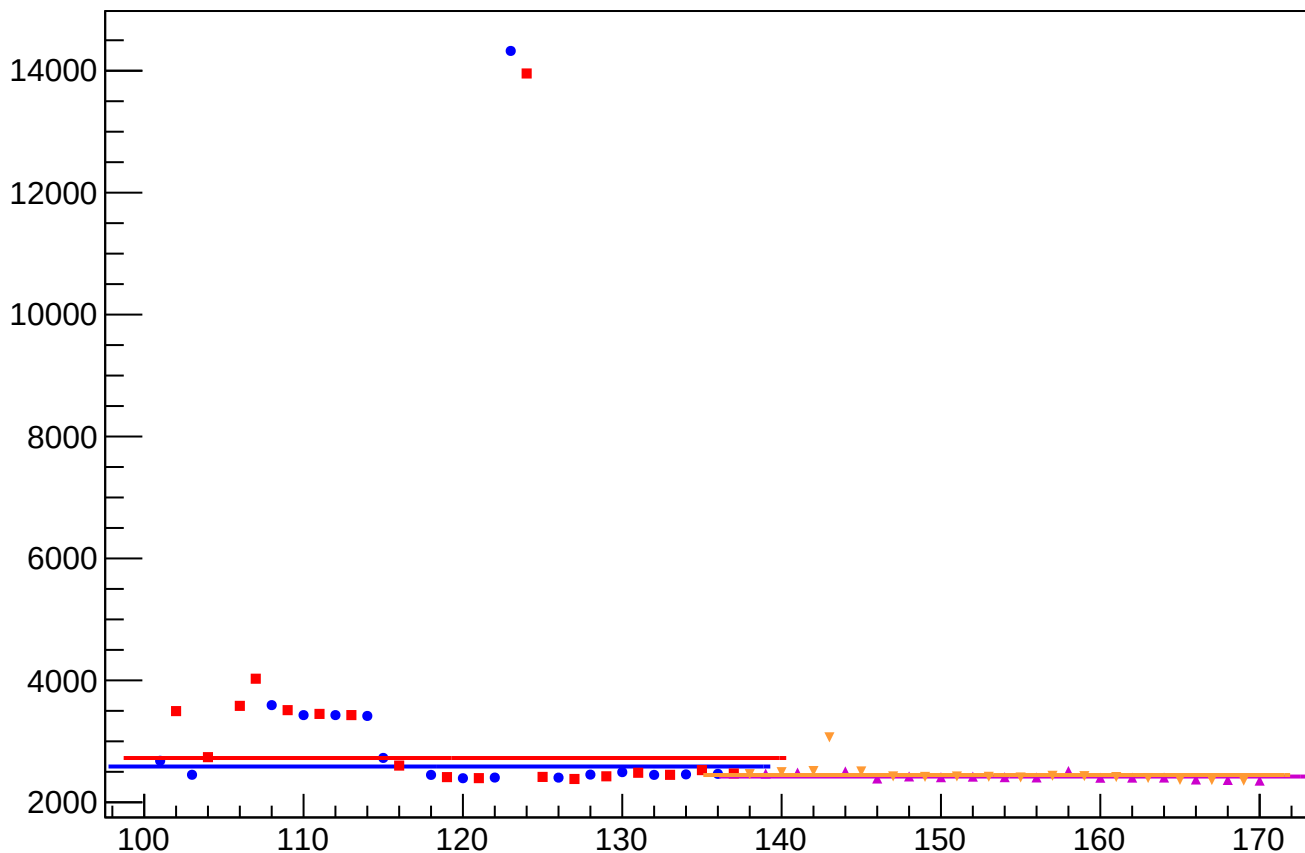
Right: 1516.312 $\pm$ 727.946 χ^2/NDF : 38.2/34

In: 1763.970 $\pm$ 566.695 χ^2/NDF : 33.6/32

Out: 1590.414 $\pm$ 573.927 χ^2/NDF : 42.0/34

All: 1678.292 $\pm$ 403.246 χ^2/NDF : 75.7/67

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2447.455+/-0.485 χ^2/NDF : 71779.8/16

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2422.427+/-0.484 χ^2/NDF : 9097.6/15

Left: 2434.926+/-0.342 χ^2/NDF : 82212.5/32

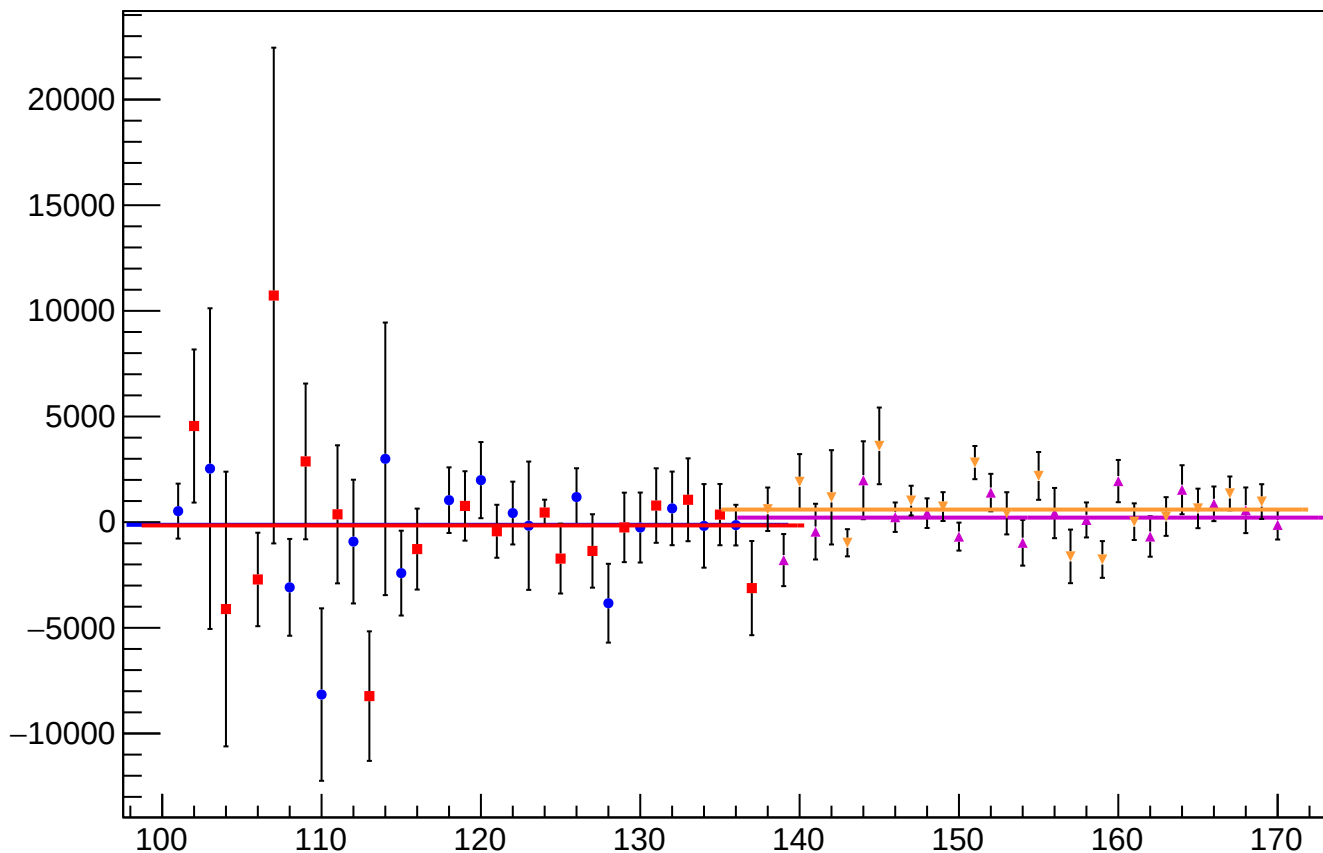
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2474.213+/-0.401 χ^2/NDF : 299578.3/32

Out: 2530.824+/-0.406 χ^2/NDF : 751658.7/34

All: 2502.160+/-0.285 χ^2/NDF : 1061089.8/67

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 597.007 $\pm$ 219.948 χ^2 /NDF:32.3/16

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

Left In: 215.580 $\pm$ 226.737 χ^2 /NDF:14.9/15

Left: 412.089 $\pm$ 157.872 χ^2 /NDF: 48.8/32

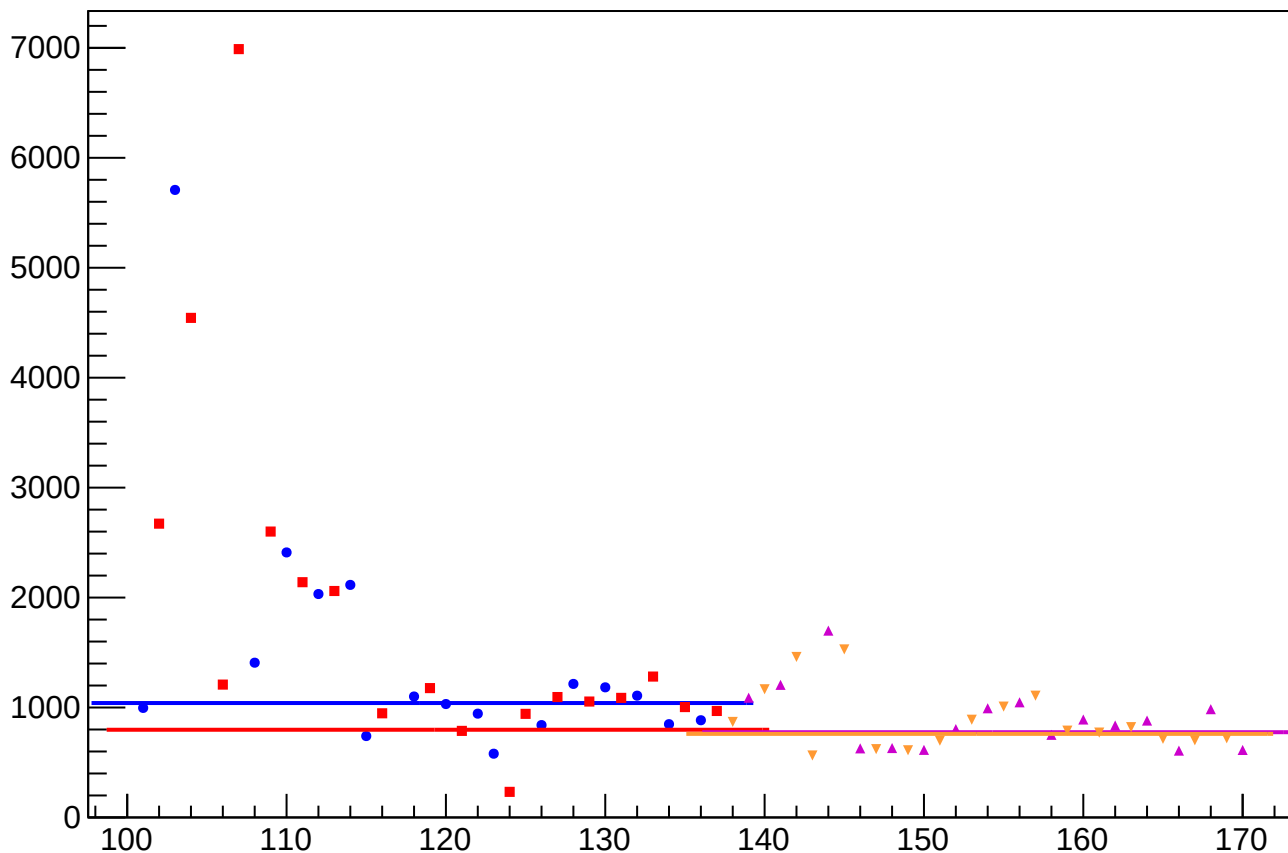
Right: -141.367 $\pm$ 285.354 χ^2 /NDF: 32.3/34

In: 141.806 $\pm$ 200.640 χ^2 /NDF:30.1/32

Out: 409.082 $\pm$ 190.475 χ^2 /NDF:52.8/34

All: 282.385 $\pm$ 138.140 χ^2 /NDF: 83.9/67

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 760.206+/-0.156 χ^2/NDF : 1452050.6/16

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 775.414+/-0.160 χ^2/NDF : 1643975.5/15

Left: 767.579+/-0.112 χ^2/NDF : 3100662.1/32

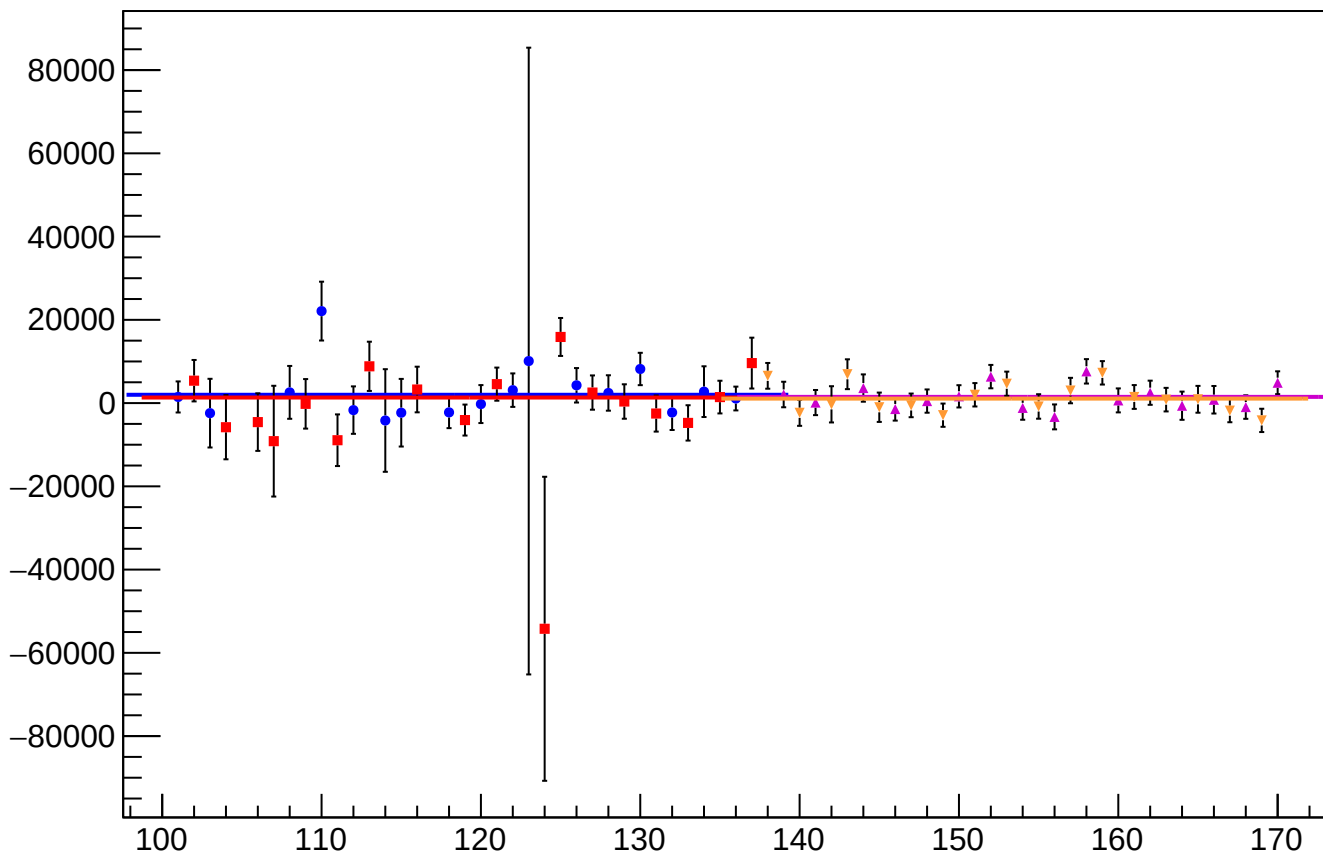
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 832.981+/-0.142 χ^2/NDF : 3811264.4/32

Out: 769.588+/-0.135 χ^2/NDF : 6640939.3/34

All: 799.639+/-0.098 χ^2/NDF : 10557215.5/67

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1076.422+/-732.519 χ^2/NDF :21.7/16

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1492.671+/-733.316 χ^2/NDF :15.6/15

Left: 1284.320+/-518.251 χ^2/NDF : 37.5/32

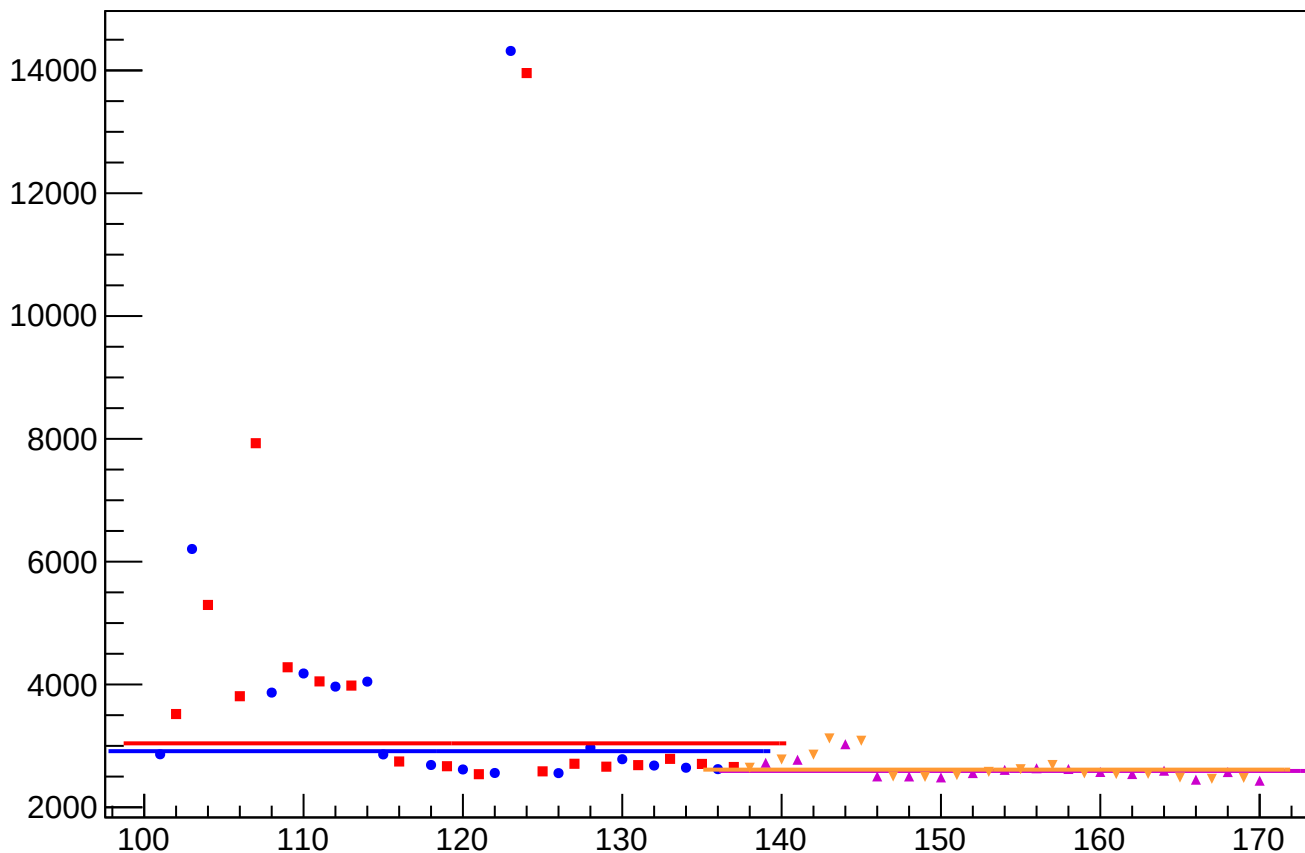
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1637.341+/-619.087 χ^2/NDF :30.7/32

Out: 1147.600+/-624.342 χ^2/NDF :49.2/34

All: 1394.540+/-439.607 χ^2/NDF : 80.2/67

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2613.096+/-0.518 χ^2/NDF : 115212.2/16

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2591.750+/-0.519 χ^2/NDF : 65696.5/15

Left: 2602.434+/-0.366 χ^2/NDF : 181756.9/32

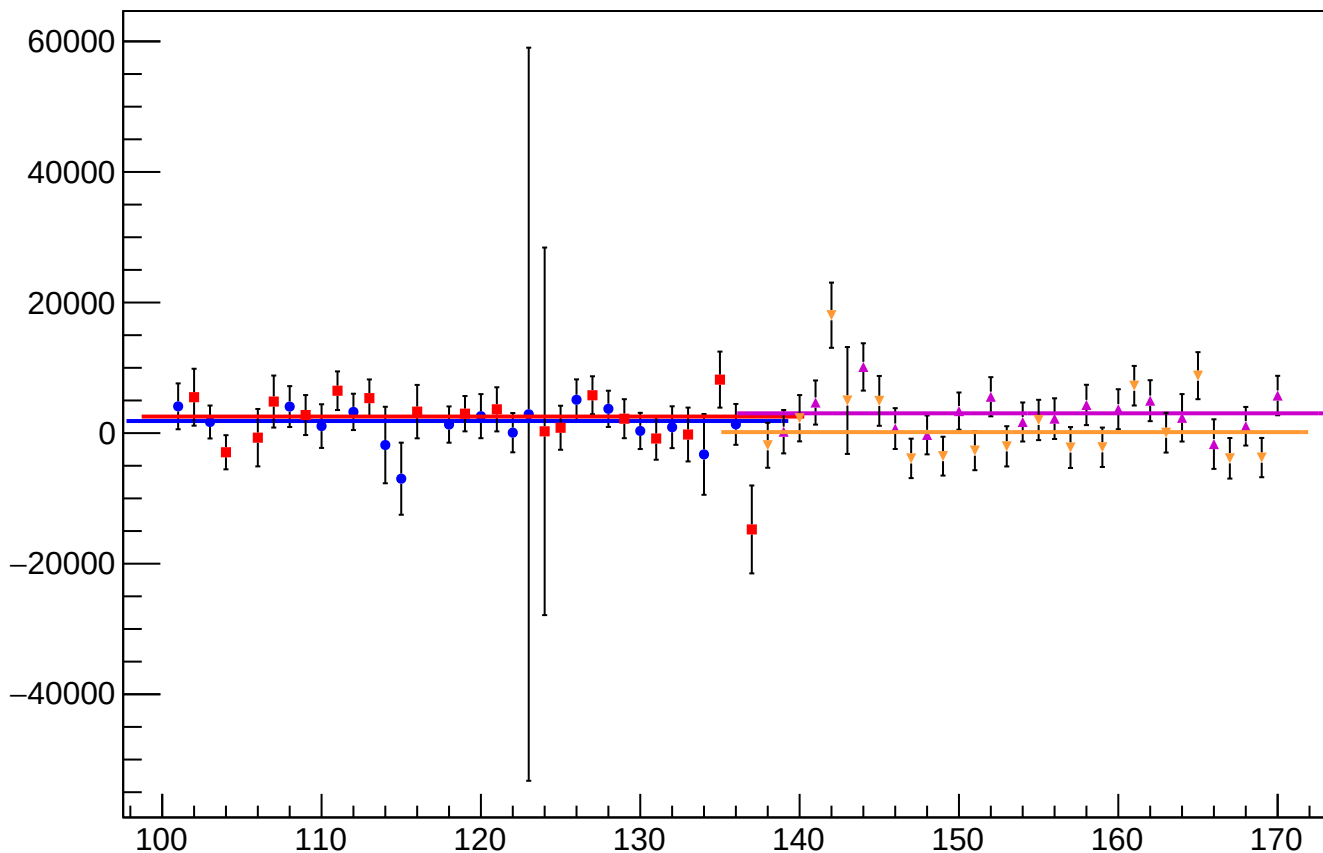
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2684.289+/-0.438 χ^2/NDF : 815546.7/32

Out: 2730.210+/-0.441 χ^2/NDF : 1305682.9/34

All: 2707.055+/-0.311 χ^2/NDF : 2126685.2/67

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 152.784 ± 802.889 χ^2/NDF : 36.3/16

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

Left In: 3033.365 ± 790.500 χ^2/NDF : 11.0/15

Left: 1615.470 ± 563.297 χ^2/NDF : 53.9/32

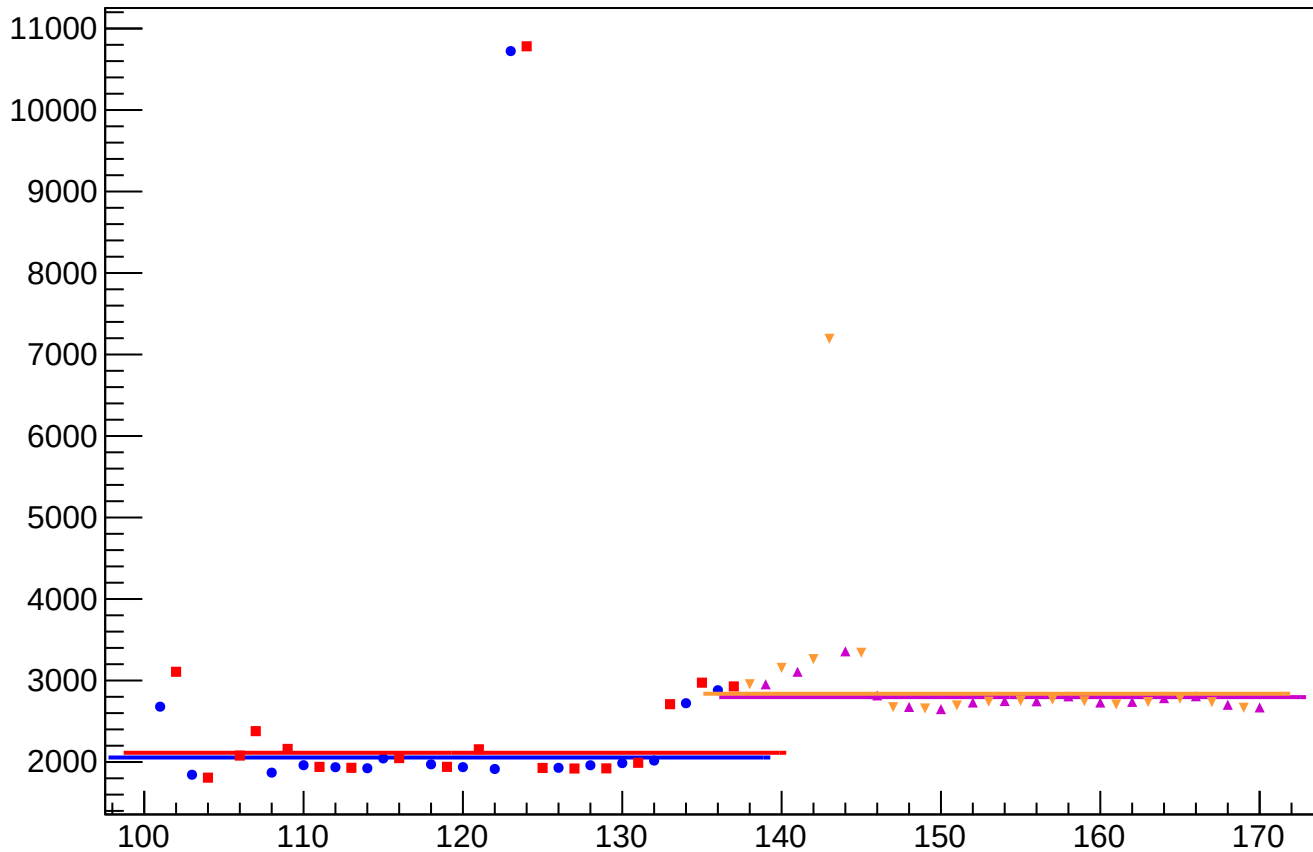
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

In: 2453.773 ± 564.629 χ^2/NDF : 19.4/32

Out: 1319.842 ± 573.450 χ^2/NDF : 60.6/34

All: 1895.596 ± 402.335 χ^2/NDF : 82.0/67

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2837.765+/-0.568 χ^2/NDF : 673389.6/16

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

Left In: 2796.165+/-0.559 χ^2/NDF : 87386.1/15

Left: 2816.642+/-0.398 χ^2/NDF : 763502.1/32

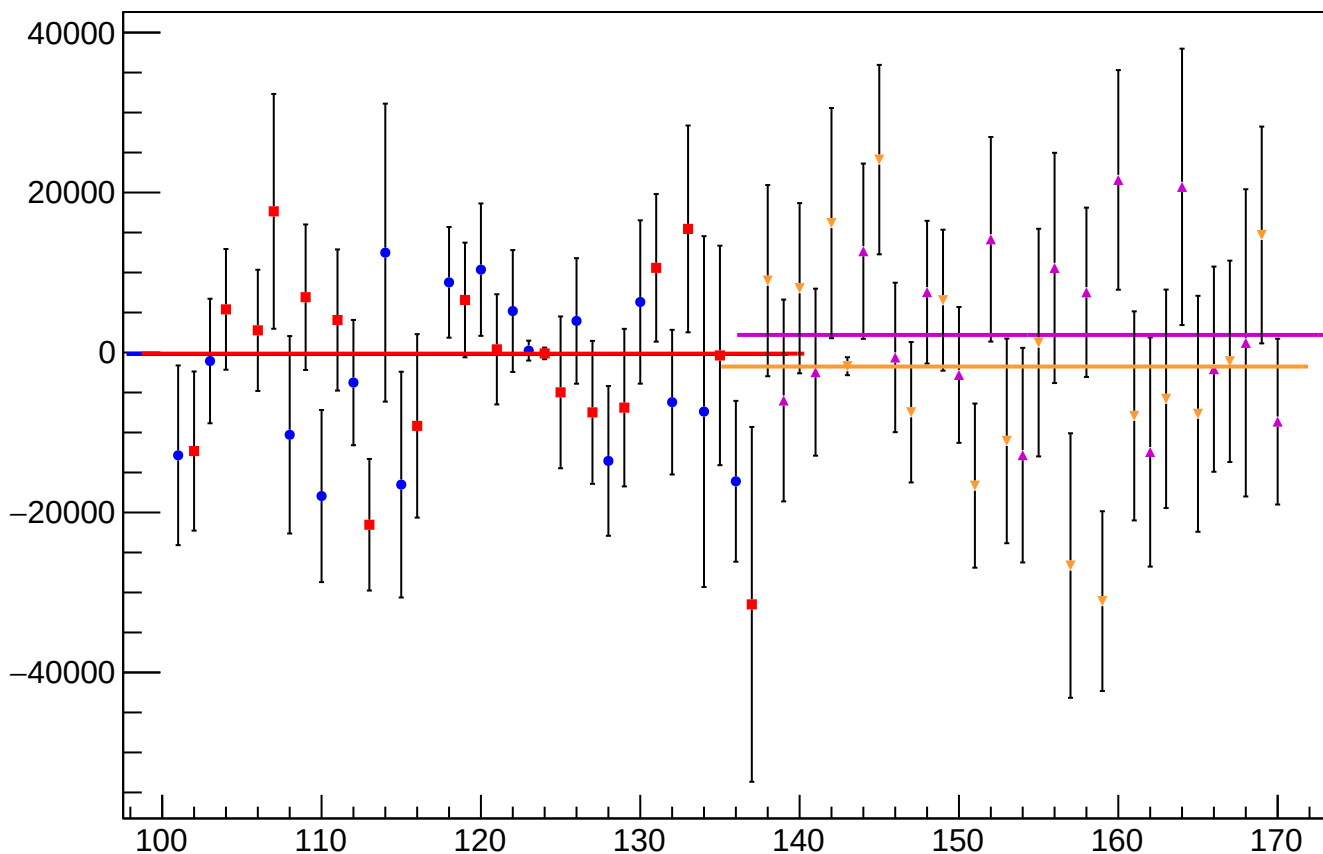
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2433.345+/-0.399 χ^2/NDF : 1263911.9/32

Out: 2482.329+/-0.405 χ^2/NDF : 2004303.4/34

All: 2457.475+/-0.284 χ^2/NDF : 3275630.4/67

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1754.116+/-1049.831 χ^2/NDF : 23.0/16

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

Left In: 2199.088+/-2902.155 χ^2/NDF : 10.4/15

Left: -1296.671+/-987.223 χ^2/NDF : 35.1/32

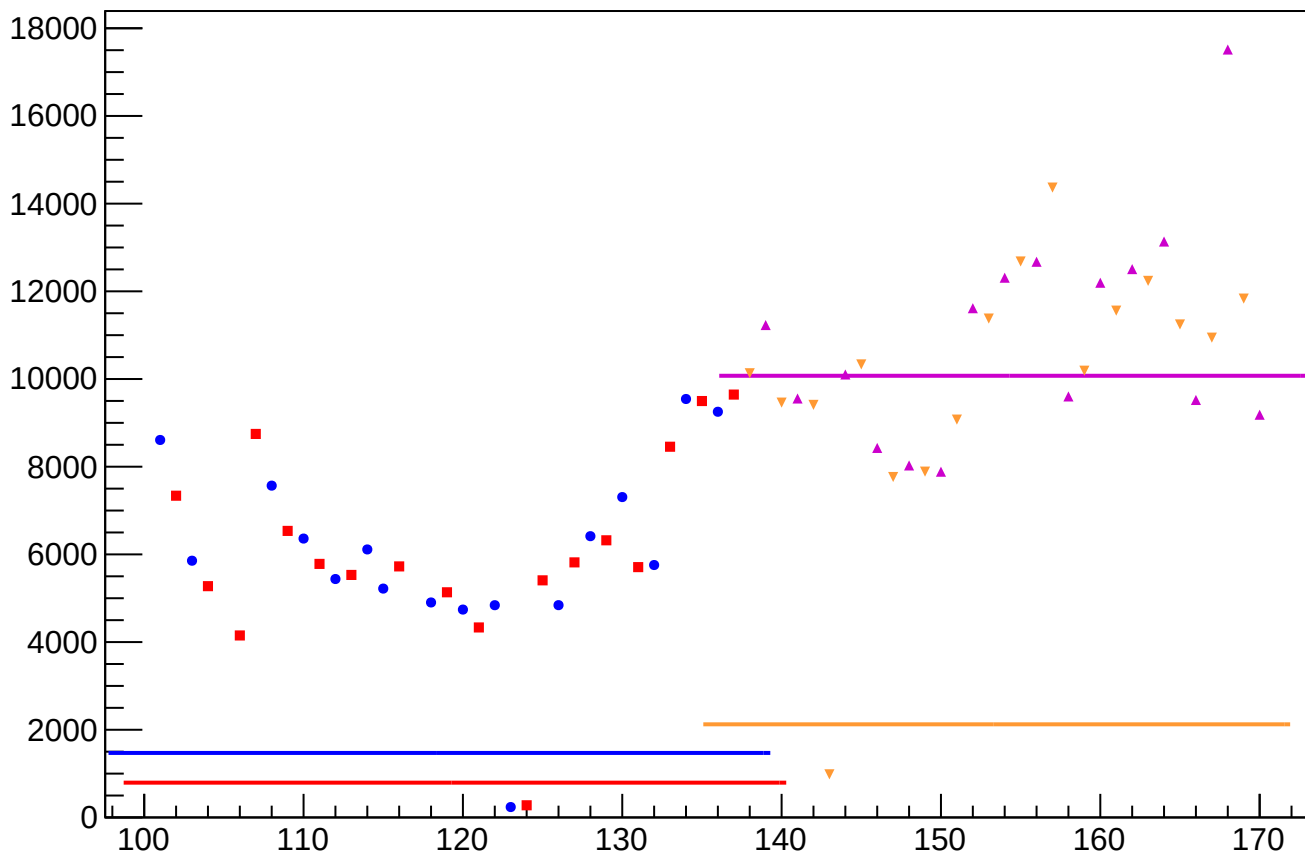
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 114.637+/-1029.231 χ^2/NDF : 27.4/32

Out: -629.236+/-577.180 χ^2/NDF : 43.6/34

All: -451.268+/-503.424 χ^2/NDF : 71.4/67

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left: 3044.173+/-0.698

χ^2/NDF : 31406612.7/32

Left Out: 2124.275+/-0.742

χ^2/NDF : 17173799.7/16

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

In: 2553.544+/-0.728

χ^2/NDF : 26112767.4/32

Out: 1195.854+/-0.408

χ^2/NDF : 30838144.6/34

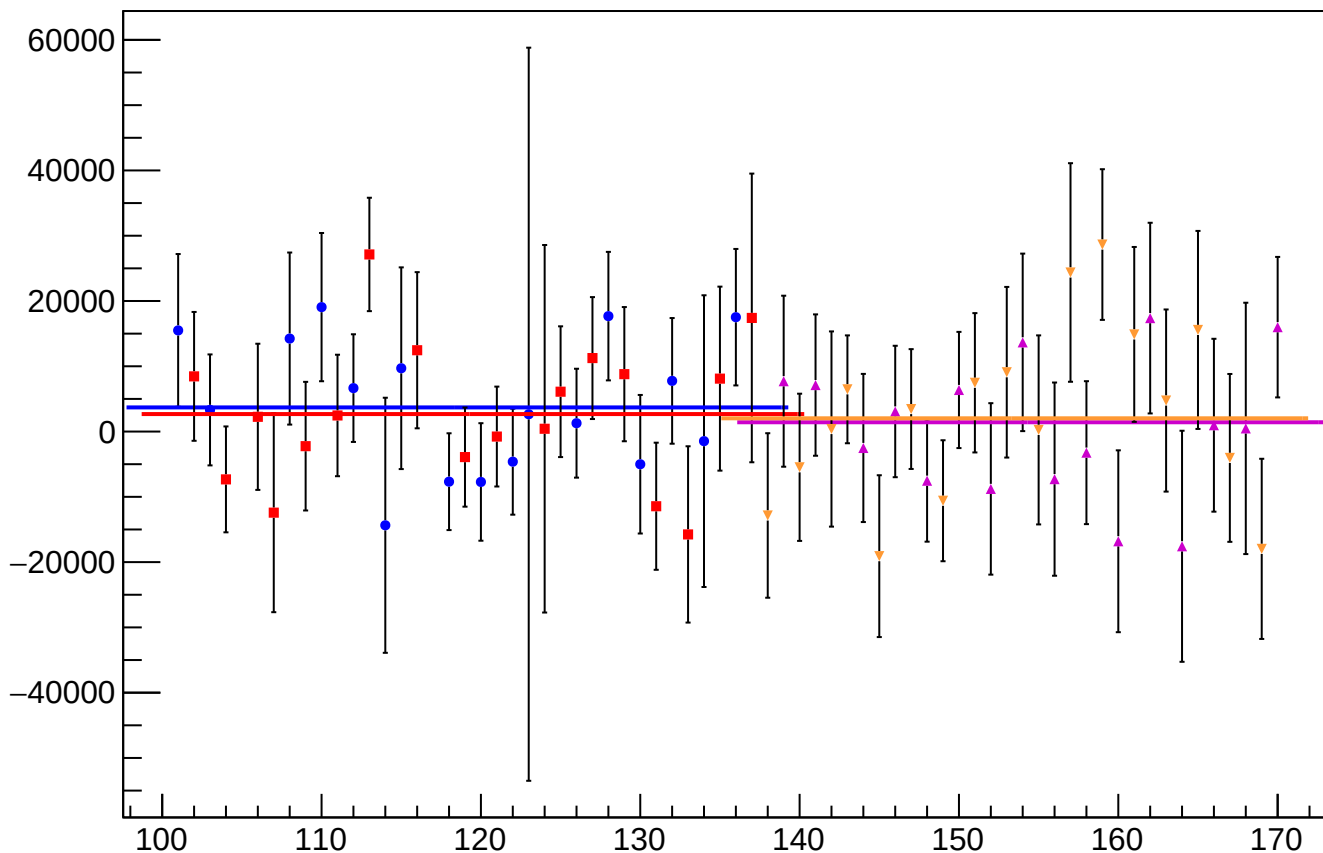
Left In: 10073.963+/-2.052

χ^2/NDF : 962501.8/15

All: 1520.674+/-0.356

χ^2/NDF : 59598504.0/6

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 2030.546+/-2884.925 χ^2/NDF : 18.7/16

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 1423.671+/-3011.386 χ^2/NDF : 9.7/15

Left: 1740.118+/-2083.223 χ^2/NDF : 28.4/32

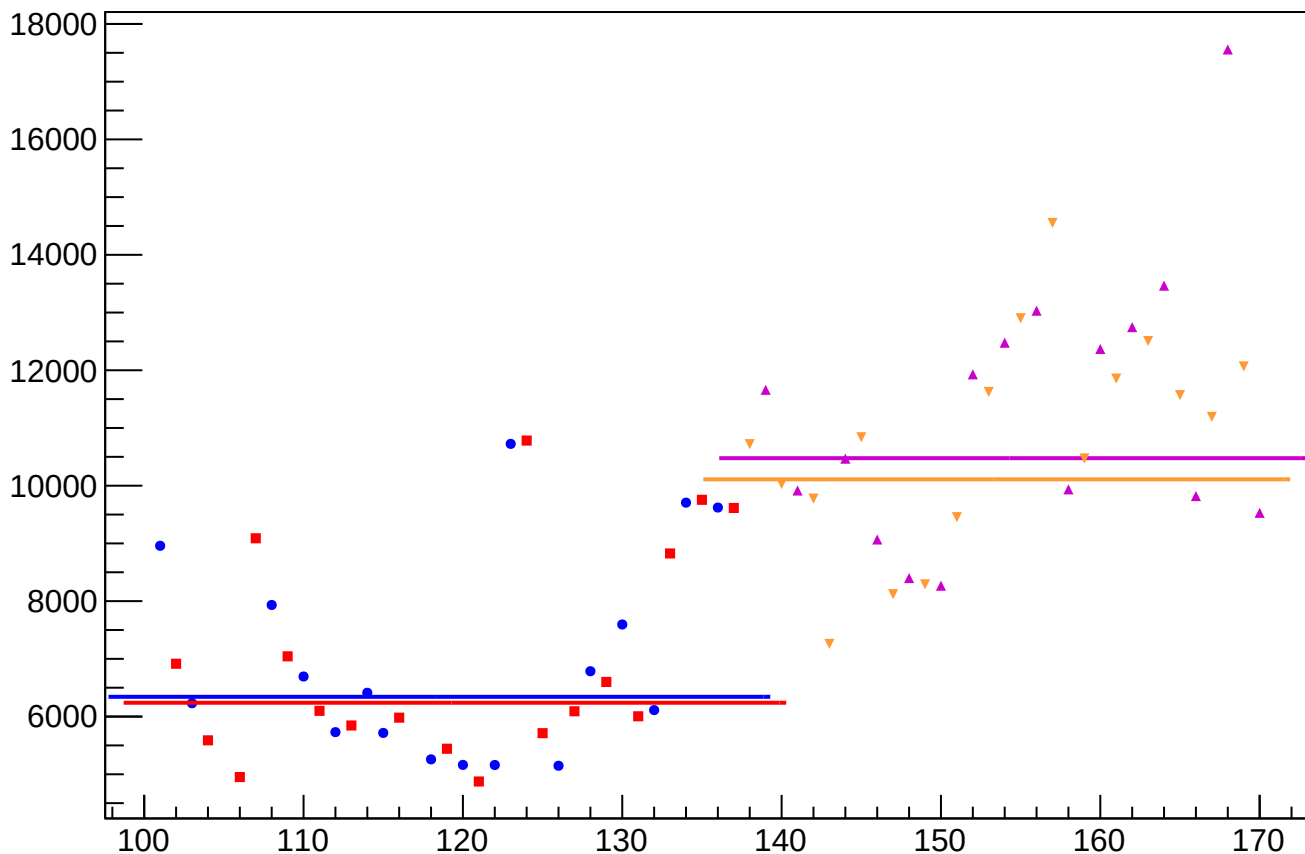
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2762.452+/-1931.670 χ^2/NDF : 24.4/32

Out: 2410.331+/-1857.942 χ^2/NDF : 37.2/34

All: 2579.543+/-1339.070 χ^2/NDF : 61.7/67

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 10110.608+/-2.040 χ^2/NDF : 839260.5/16

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10476.733+/-2.129 χ^2/NDF : 848647.4/15

Left: 10285.822+/-1.473 χ^2/NDF : 1703323.5/32

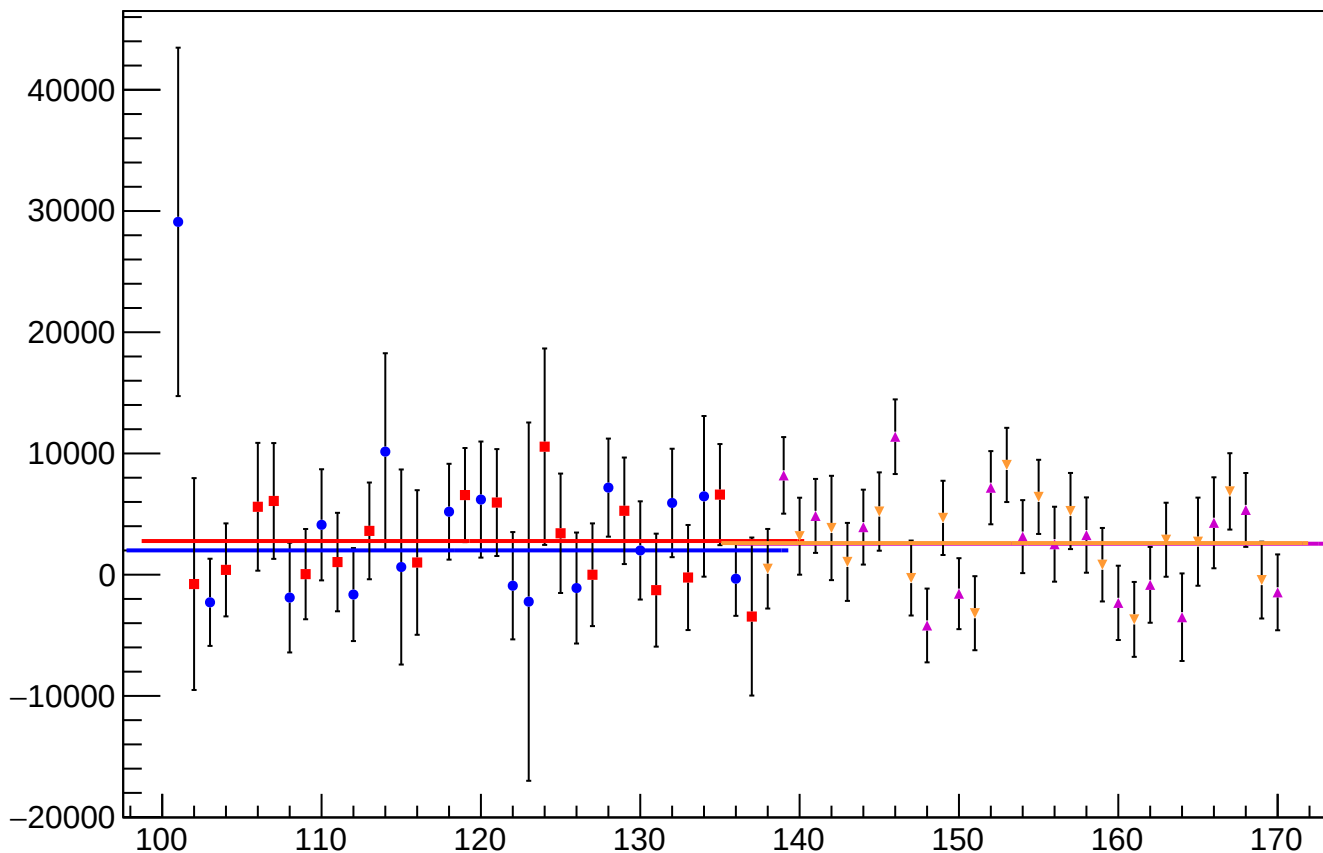
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8043.482+/-1.366 χ^2/NDF : 3661009.7/32

Out: 7845.120+/-1.314 χ^2/NDF : 3475835.2/34

All: 7940.441+/-0.947 χ^2/NDF : 7147800.5/67

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2607.509 $\pm$ 774.158 χ^2 /NDF:20.3/16

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2555.004 $\pm$ 781.578 χ^2 /NDF:30.7/15

Left: 2581.506 $\pm$ 550.017 χ^2 /NDF: 51.0/32

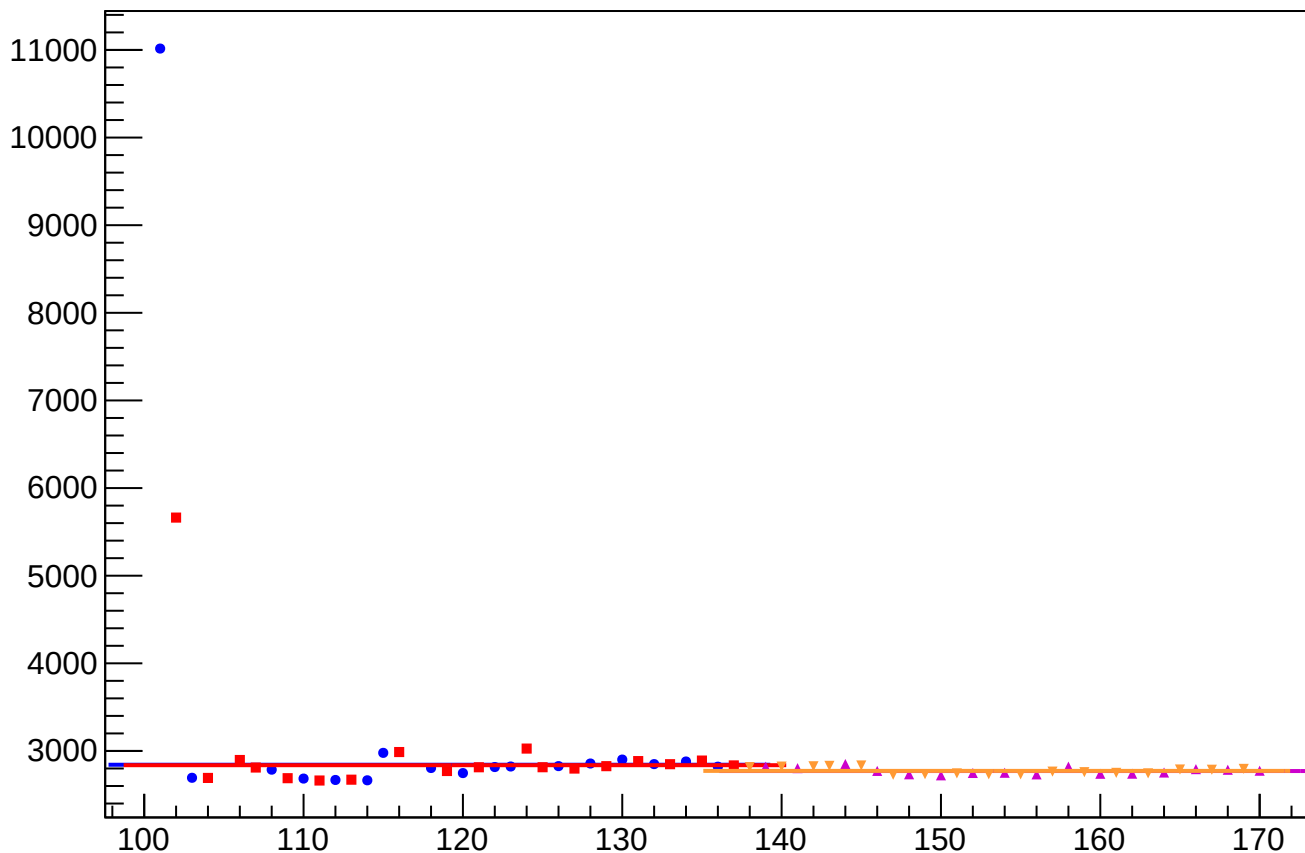
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2375.917 $\pm$ 641.957 χ^2 /NDF:44.6/32

Out: 2664.238 $\pm$ 630.544 χ^2 /NDF:28.6/34

All: 2522.663 $\pm$ 449.843 χ^2 /NDF: 73.3/67

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2772.476 $\pm$ 0.547 χ^2 /NDF: 4563.3/16

Right Out: 2837.439 $\pm$ 0.768 χ^2 /NDF: 226421.9/17

Left In: 2770.774 $\pm$ 0.553 χ^2 /NDF: 4511.1/15

Left: 2771.633 $\pm$ 0.389 χ^2 /NDF: 9079.2/32

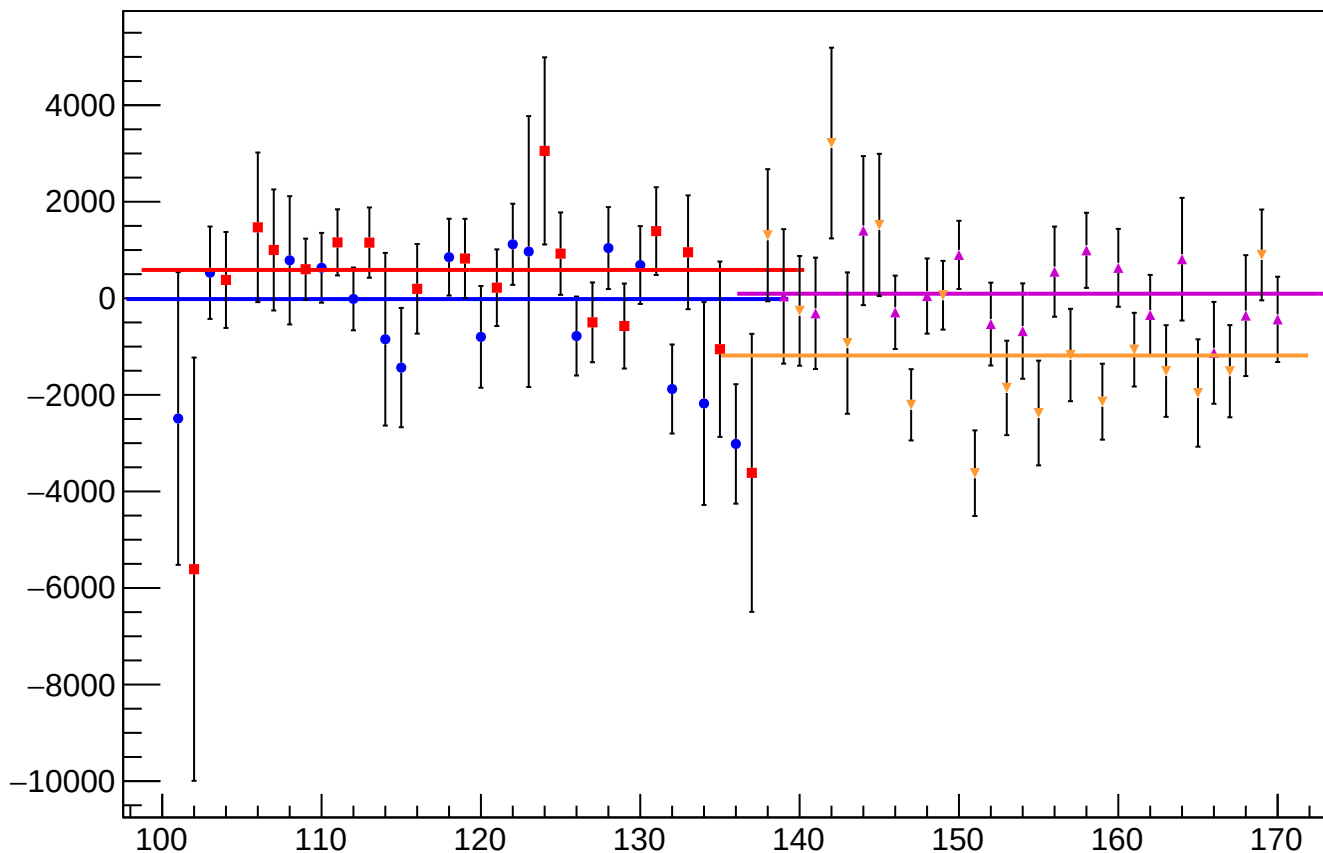
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2794.153 $\pm$ 0.454 χ^2 /NDF: 670316.3/32

Out: 2794.343 $\pm$ 0.446 χ^2 /NDF: 235725.7/34

All: 2794.250 $\pm$ 0.318 χ^2 /NDF: 906042.0/67

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1184.347 $\pm$ 235.420 χ^2/NDF :33.7/16

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 95.249 $\pm$ 231.314 χ^2/NDF :8.0/15

Left: -533.293 $\pm$ 164.996 χ^2/NDF : 56.7/32

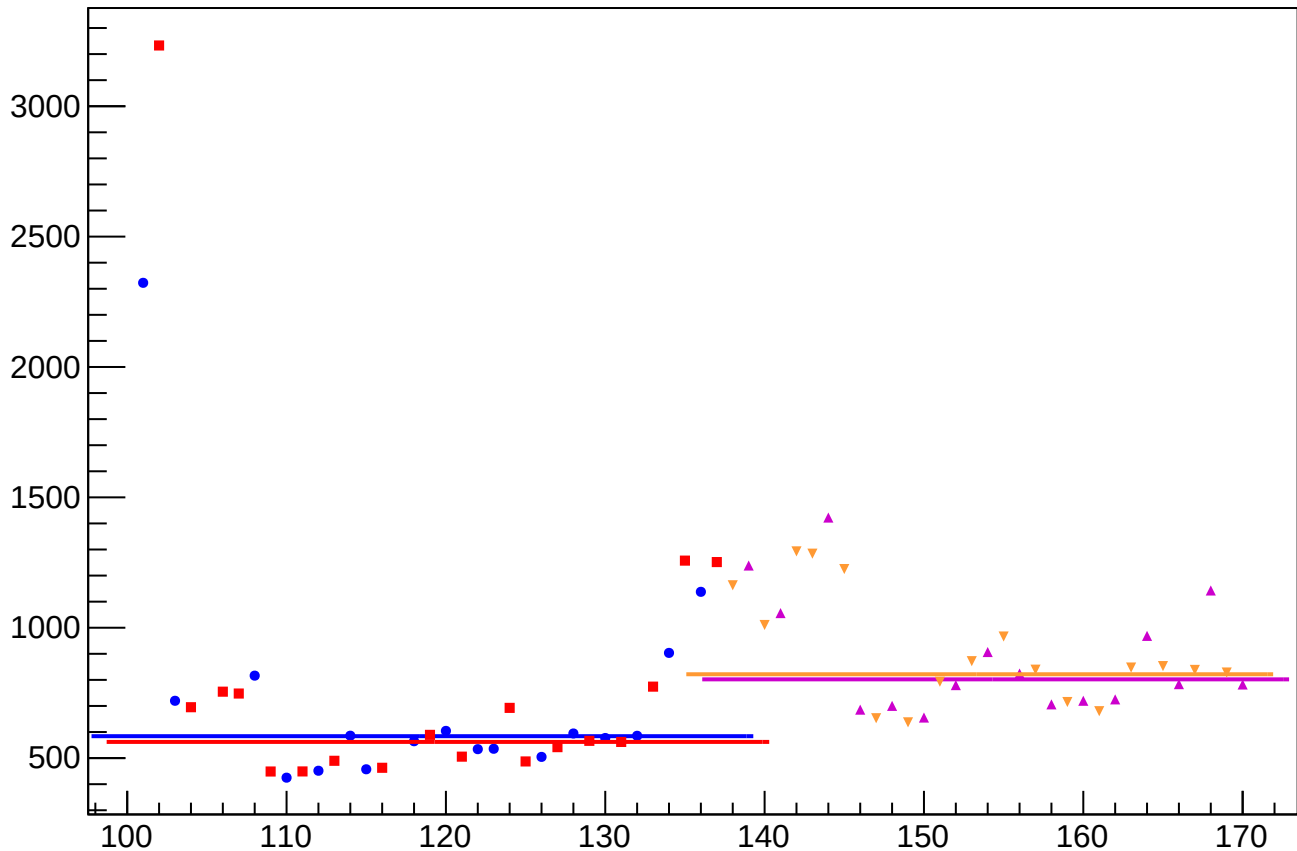
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 41.589 $\pm$ 166.168 χ^2/NDF :29.7/32

Out: -261.470 $\pm$ 162.964 χ^2/NDF :76.5/34

All: -112.891 $\pm$ 116.349 χ^2/NDF : 107.9/67

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 821.551+/-0.166 χ^2/NDF : 1034738.8/16

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 802.009+/-0.164 χ^2/NDF : 1061464.1/15

Left: 811.608+/-0.117 χ^2/NDF : 2103215.0/32

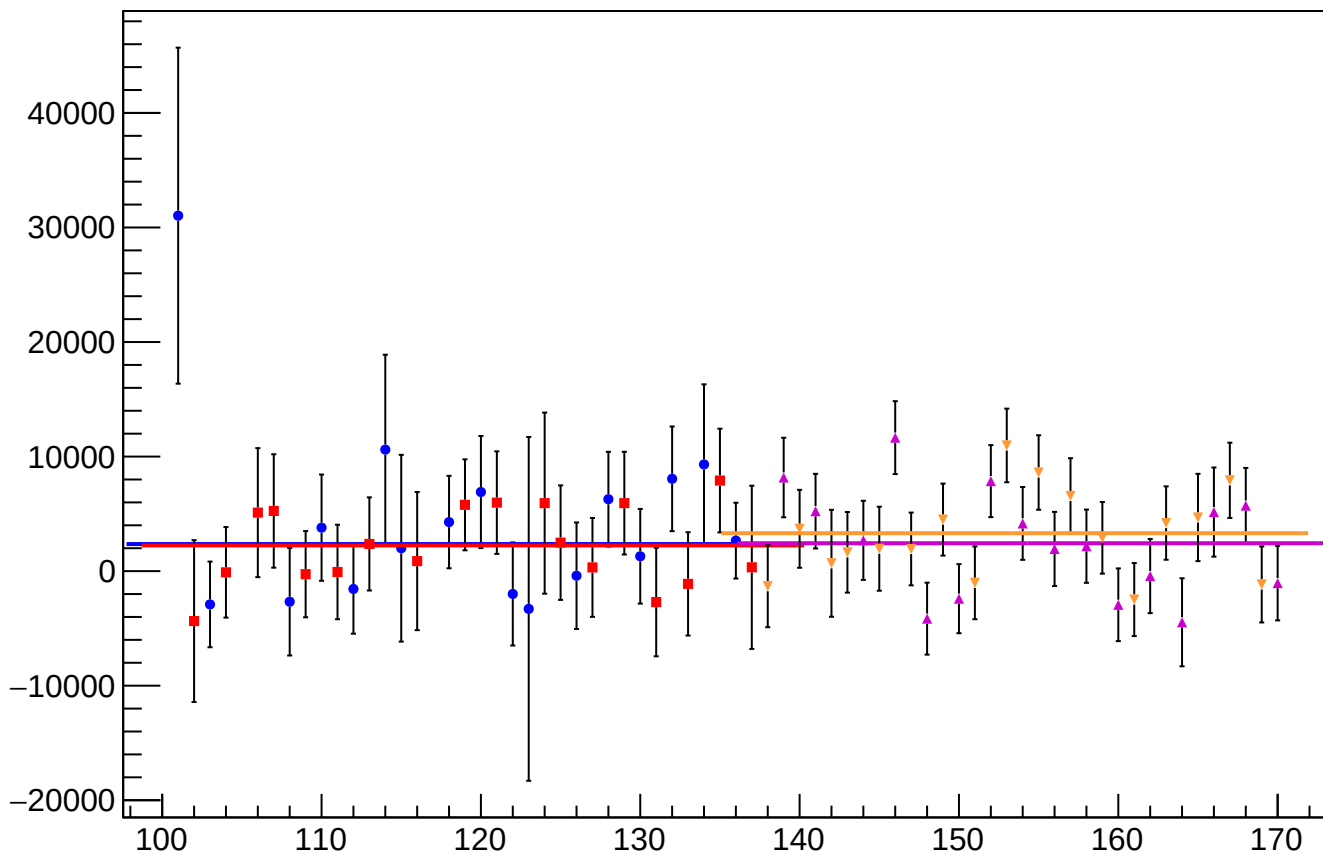
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 696.530+/-0.117 χ^2/NDF : 3357398.5/32

Out: 686.434+/-0.115 χ^2/NDF : 3824986.7/34

All: 691.384+/-0.082 χ^2/NDF : 7186148.6/67

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3313.153 $\pm$ 816.785 χ^2 /NDF:21.2/16

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2435.412 $\pm$ 822.046 χ^2 /NDF:31.6/15

Left: 2877.100 $\pm$ 579.405 χ^2 /NDF: 53.4/32

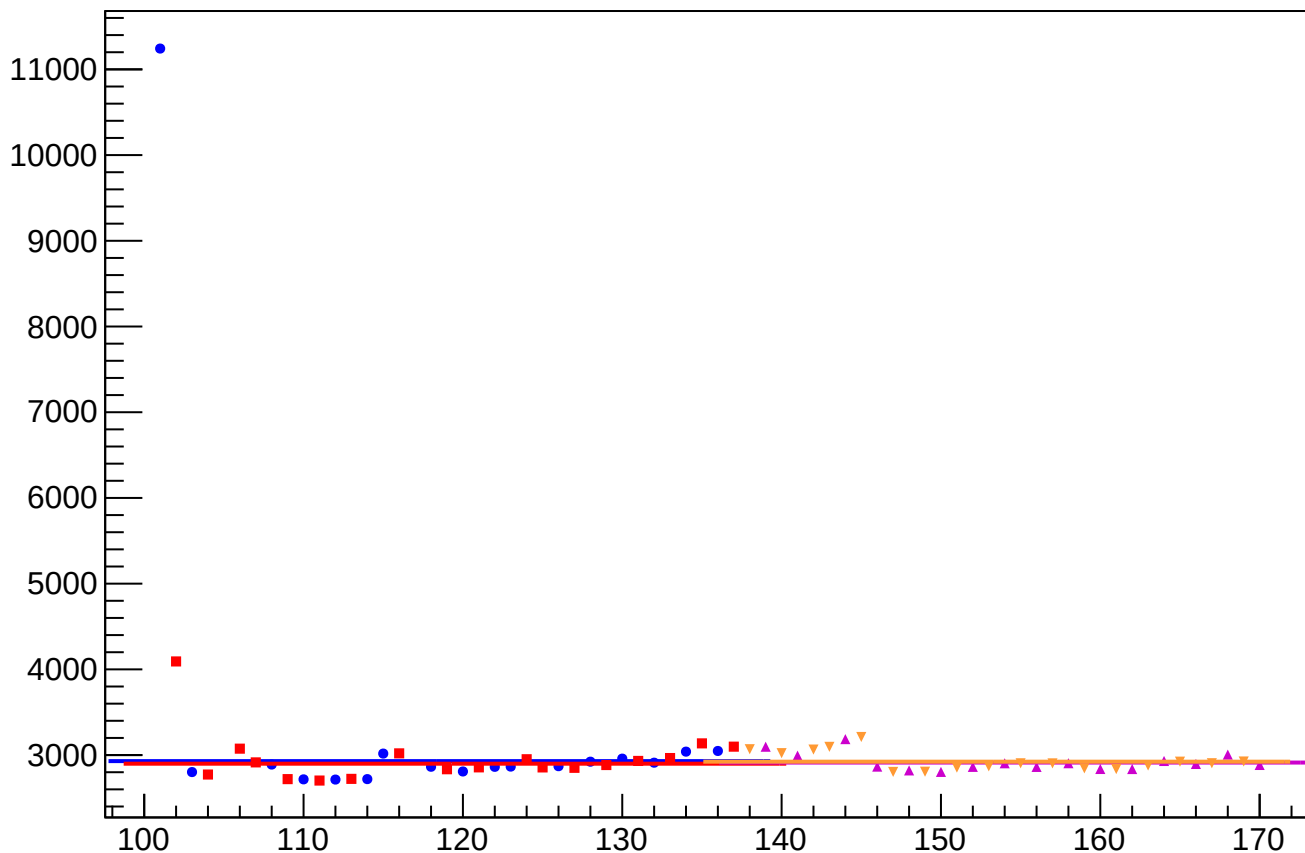
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2411.135 $\pm$ 670.695 χ^2 /NDF:46.7/32

Out: 2938.938 $\pm$ 658.274 χ^2 /NDF:30.3/34

All: 2679.969 $\pm$ 469.800 χ^2 /NDF: 77.4/67

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2923.038+/-0.578 χ^2/NDF : 34433.5/16

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2912.728+/-0.581 χ^2/NDF : 29225.9/15

Left: 2917.916+/-0.410 χ^2/NDF : 63817.7/32

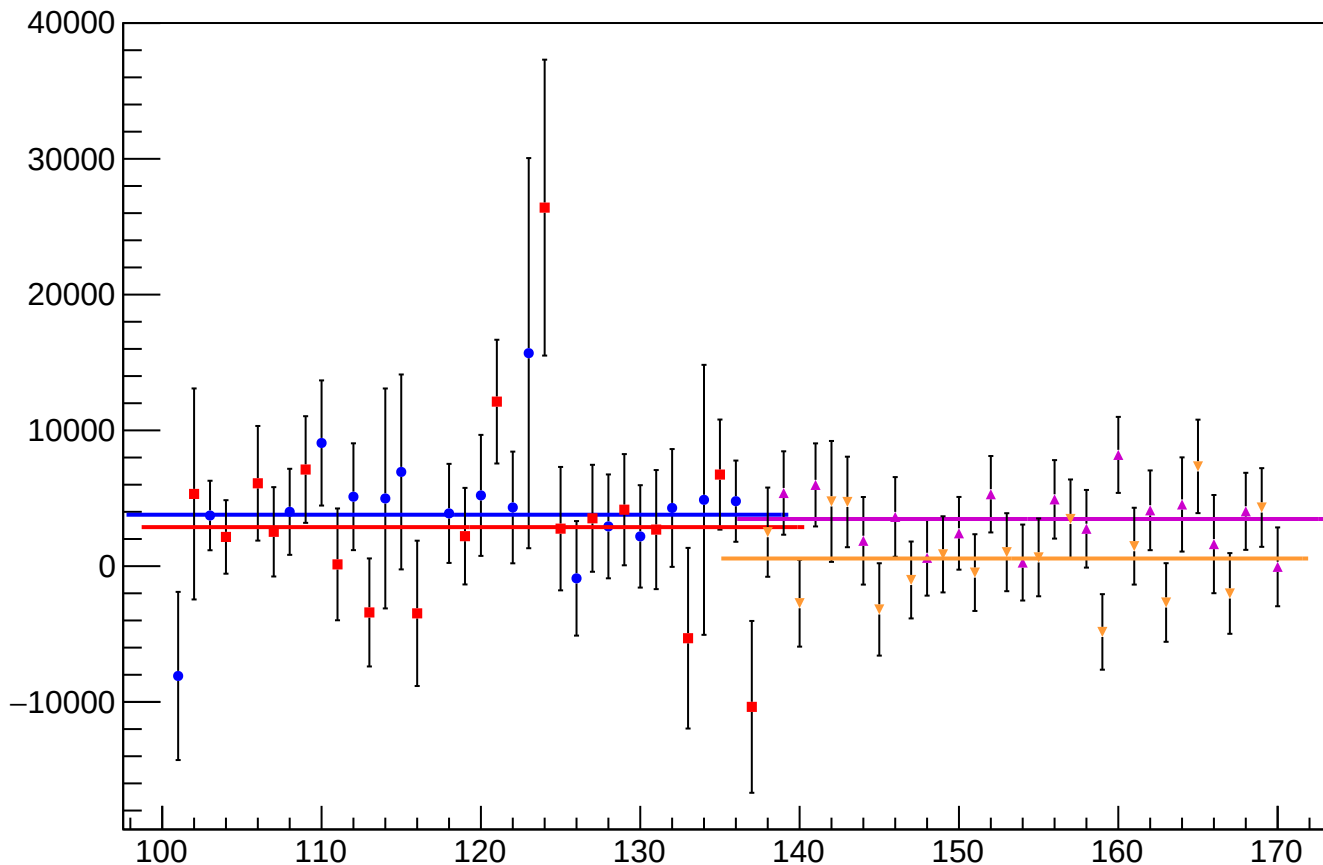
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2918.386+/-0.474 χ^2/NDF : 692138.4/32

Out: 2914.764+/-0.465 χ^2/NDF : 118562.1/34

All: 2916.542+/-0.332 χ^2/NDF : 810730.3/67

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 563.434 $\pm$ 736.054 χ^2/NDF : 18.0/16

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3473.312 $\pm$ 738.135 χ^2/NDF : 9.3/15

Left: 2014.264 $\pm$ 521.203 χ^2/NDF : 35.1/32

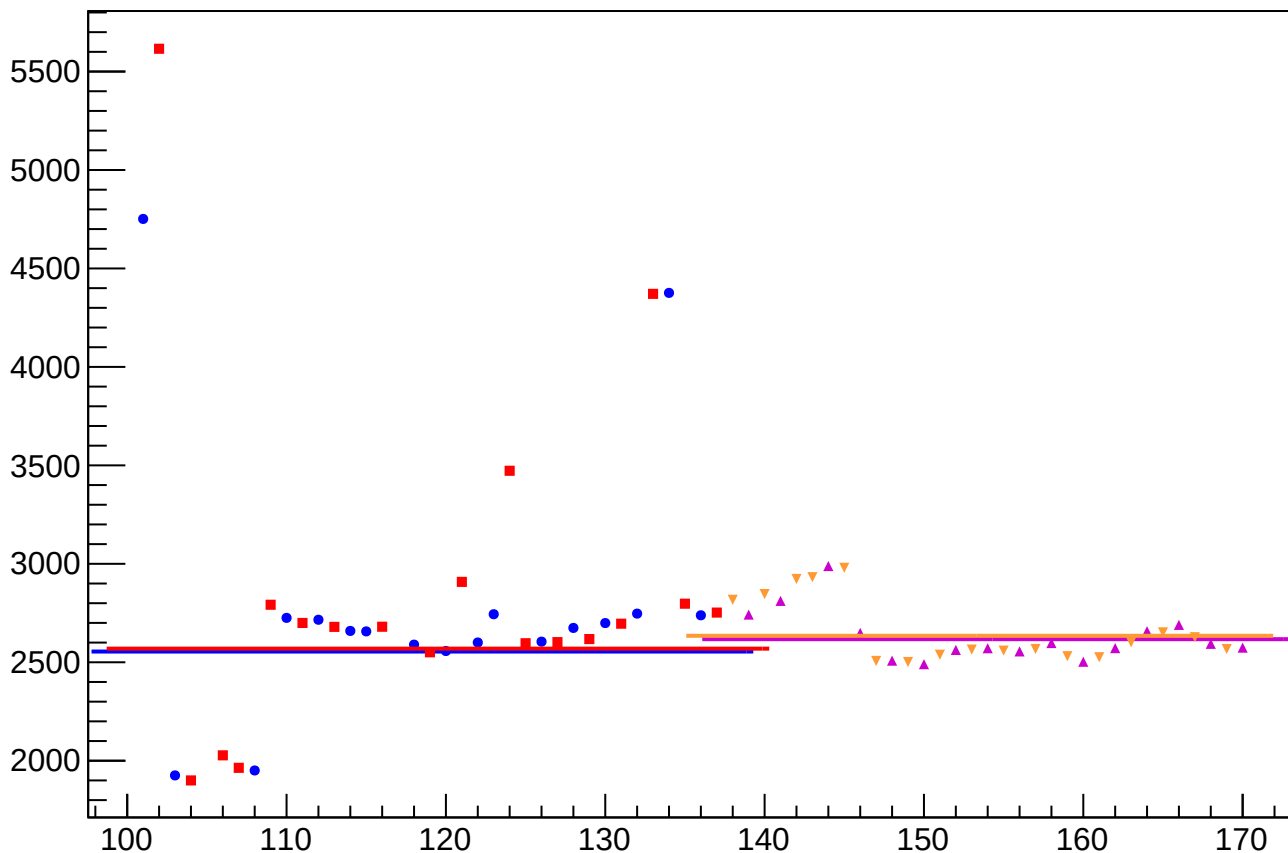
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3583.083 $\pm$ 595.561 χ^2/NDF : 17.1/32

Out: 1371.321 $\pm$ 593.633 χ^2/NDF : 43.5/34

All: 2473.618 $\pm$ 420.442 χ^2/NDF : 67.5/67

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2634.559 $\pm$ 0.520 χ^2 /NDF:81594.5/16

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2617.329 $\pm$ 0.522 χ^2 /NDF:53491.8/15

Left: 2625.968 $\pm$ 0.369 χ^2 /NDF: 135632.6/32

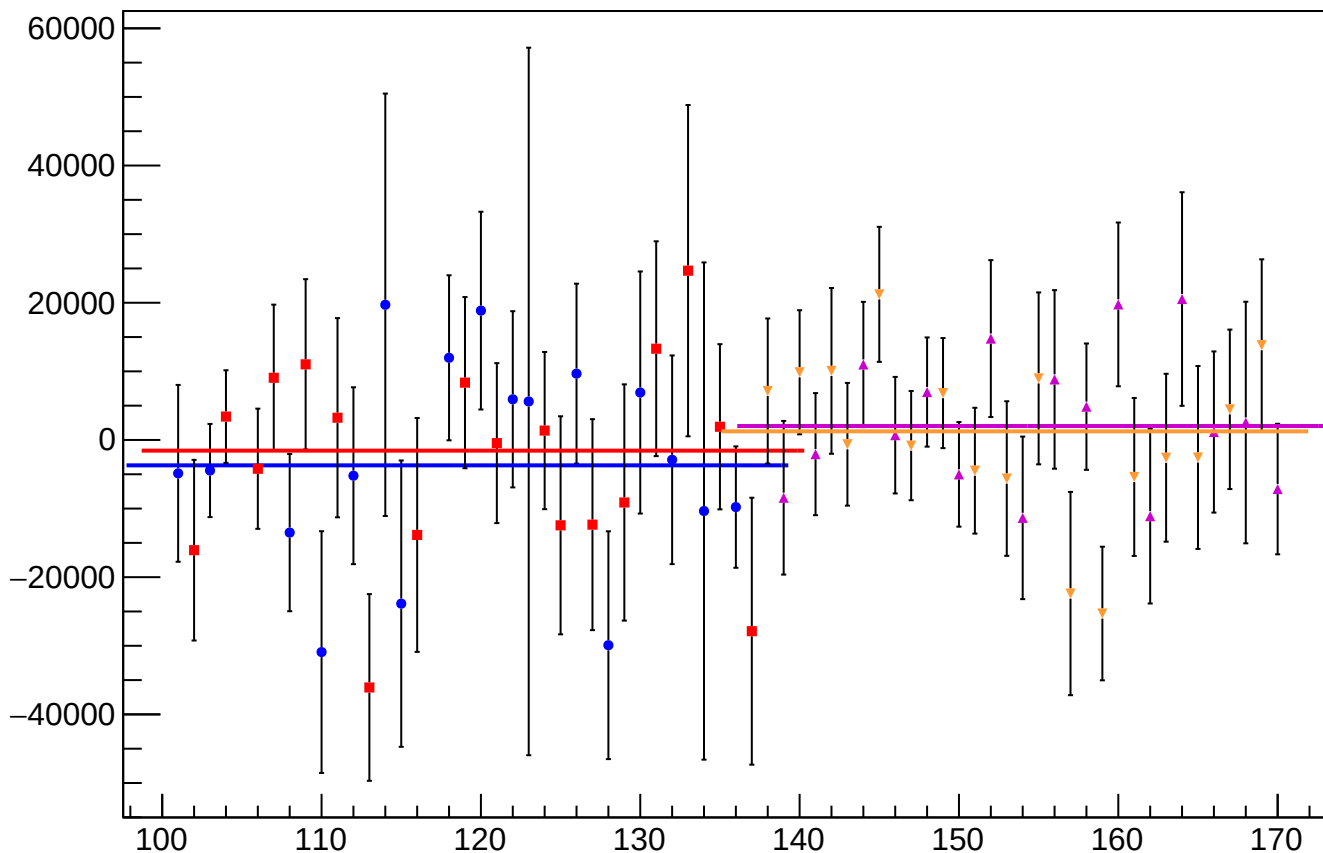
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2595.415 $\pm$ 0.421 χ^2 /NDF:595169.1/32

Out: 2611.720 $\pm$ 0.420 χ^2 /NDF:810432.1/34

All: 2603.595 $\pm$ 0.297 χ^2 /NDF: 1406353.3/67

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 ± 3217.843 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 1258.563 ± 2523.178 $\chi^2/\text{NDF}: 19.2/16$

Right Out: -1555.707 ± 2911.769 $\chi^2/\text{NDF}: 16.8/17$

Left In: 2032.317 ± 2575.339 $\chi^2/\text{NDF}: 11.8/15$

Left: 1637.525 ± 1802.315 $\chi^2/\text{NDF}: 31.1/32$

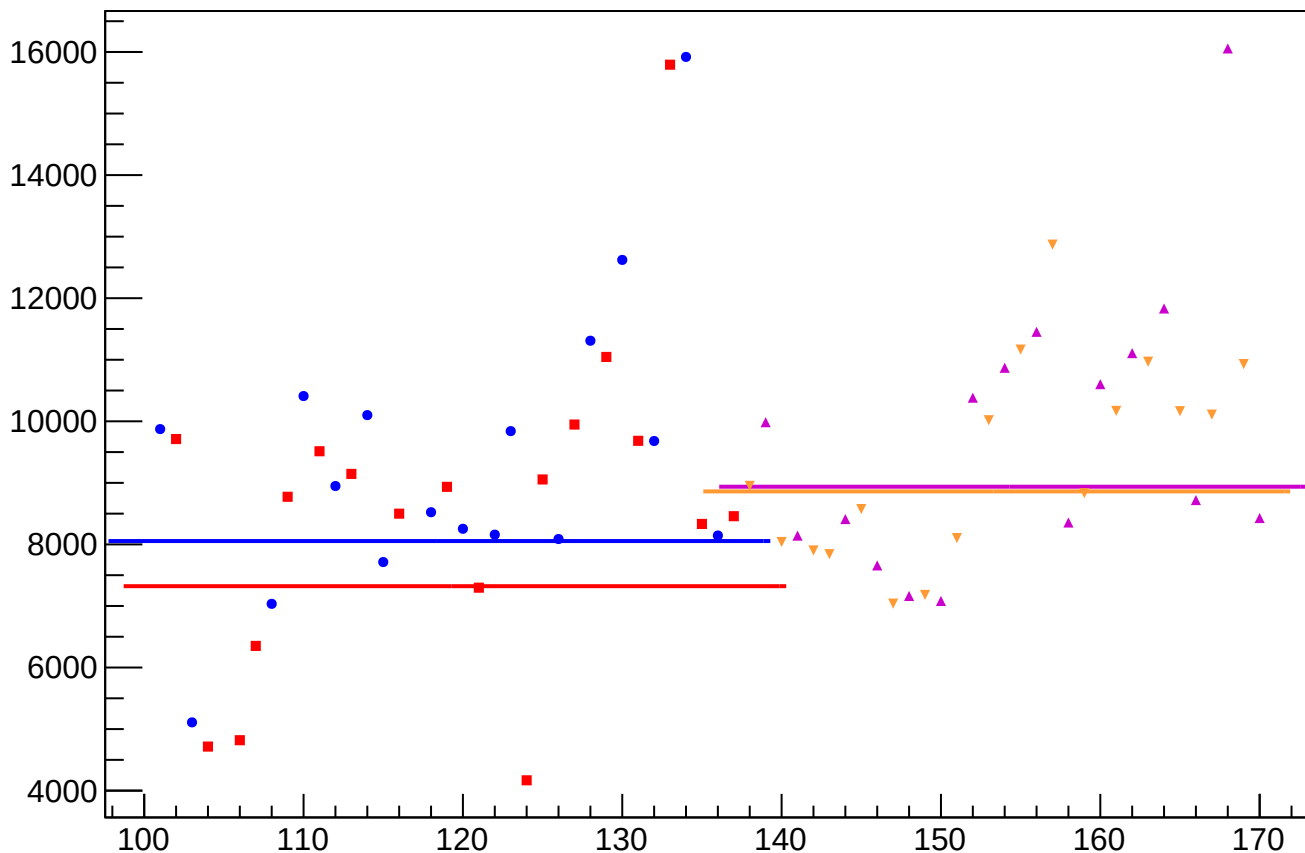
Right: -2520.832 ± 2159.052 $\chi^2/\text{NDF}: 30.8/34$

In: -205.626 ± 2010.677 $\chi^2/\text{NDF}: 27.6/32$

Out: 51.621 ± 1906.853 $\chi^2/\text{NDF}: 36.5/34$

All: -70.189 ± 1383.598 $\chi^2/\text{NDF}: 64.1/67$

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8861.283+/-1.784 χ^2/NDF : 680588.4/16

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8937.624+/-1.821 χ^2/NDF : 971085.3/15

Left: 8898.673+/-1.274 χ^2/NDF : 1652570.4/32

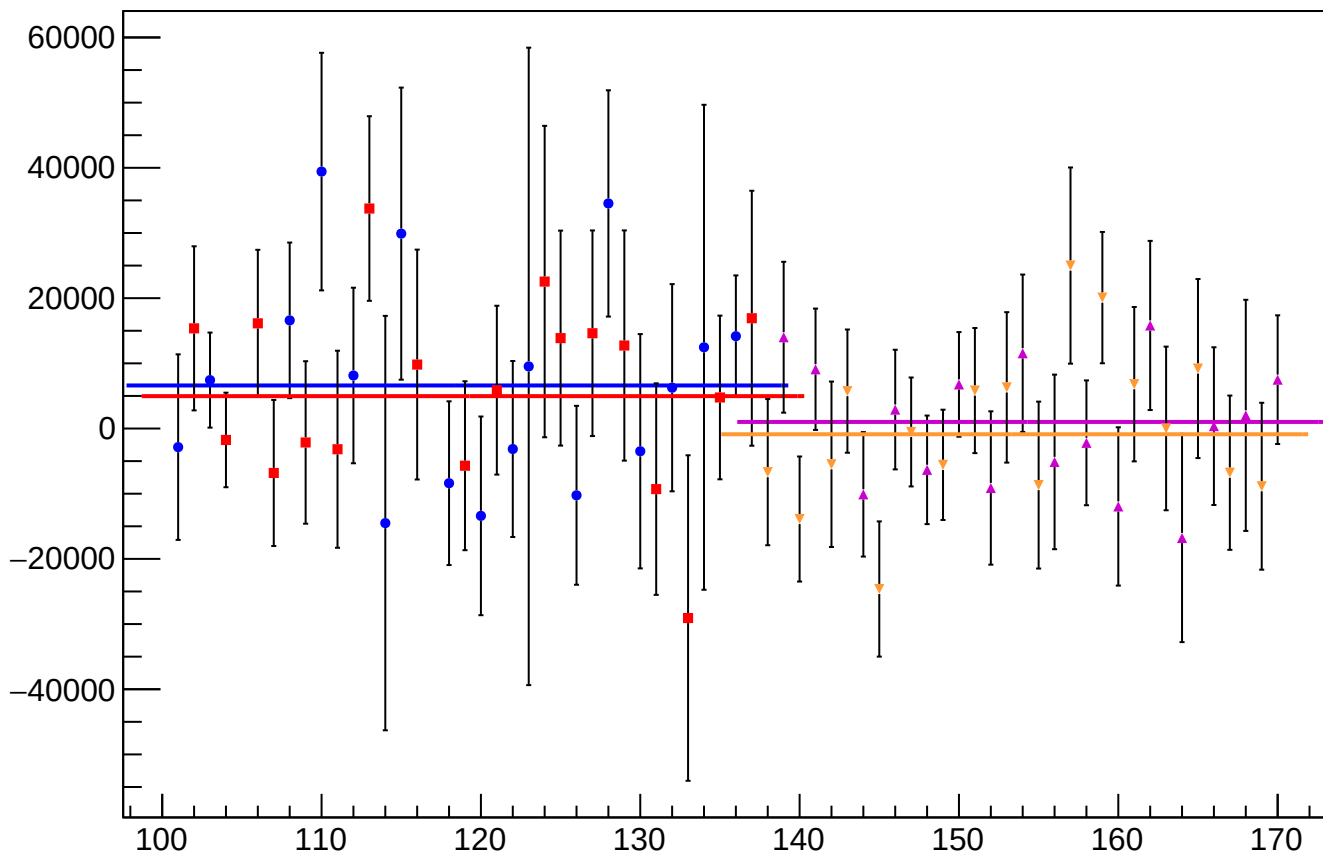
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8592.923+/-1.422 χ^2/NDF : 1883616.8/32

Out: 8200.893+/-1.348 χ^2/NDF : 2336003.5/34

All: 8386.525+/-0.978 χ^2/NDF : 4259648.9/67

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -879.670 $\pm$ 2630.295 χ^2/NDF :18.4/16

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 1011.120 $\pm$ 2679.885 χ^2/NDF :10.6/15

Left: 48.069 $\pm$ 1877.187 χ^2/NDF : 29.3/32

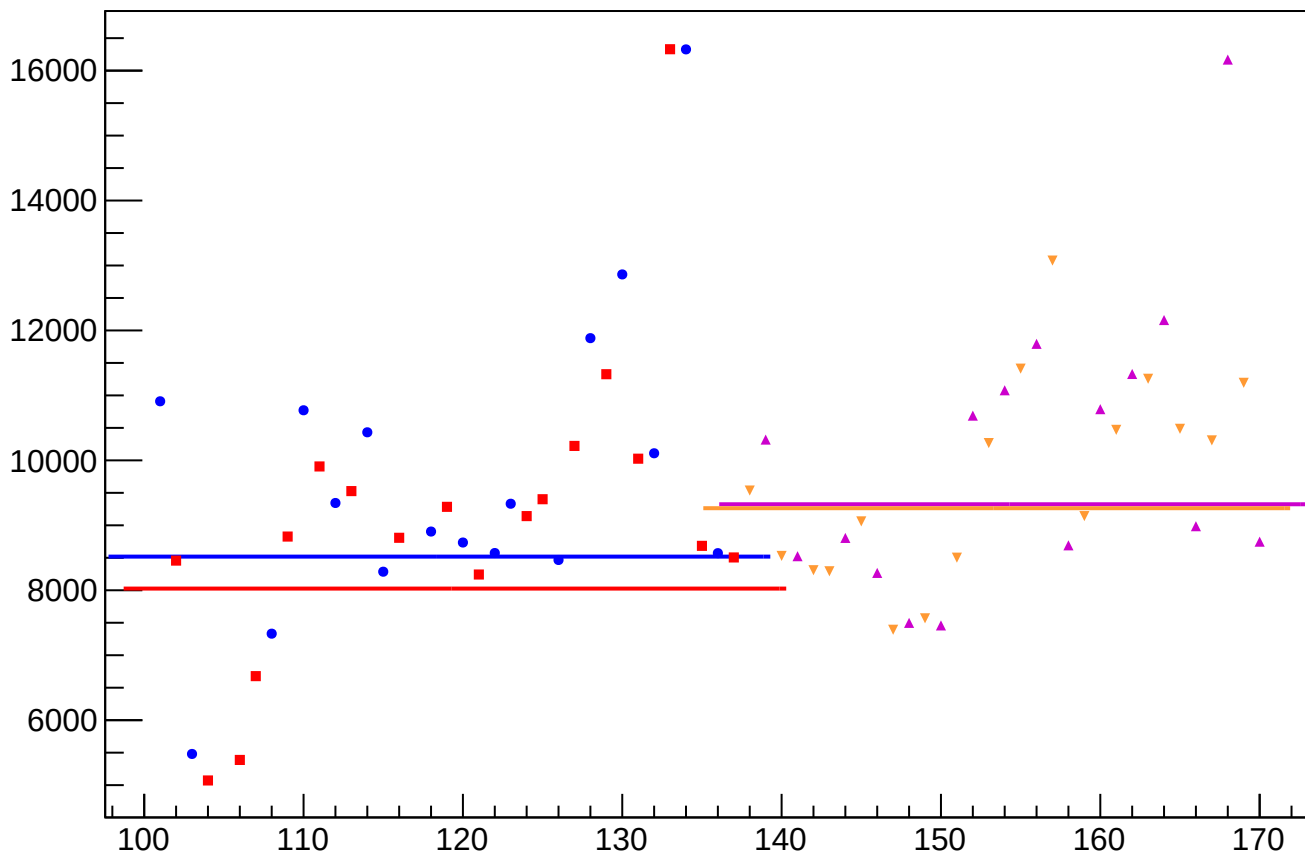
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 3158.787 $\pm$ 2103.716 χ^2/NDF :27.0/32

Out: 1498.533 $\pm$ 2025.999 χ^2/NDF :34.0/34

All: 2297.427 $\pm$ 1459.299 χ^2/NDF : 61.3/67

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 9263.435 $\pm$ 1.860 χ^2/NDF : 587312.1/16

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 9324.202 $\pm$ 1.895 χ^2/NDF : 858320.6/15

Left: 9293.251 $\pm$ 1.327 χ^2/NDF : 1446156.5/32

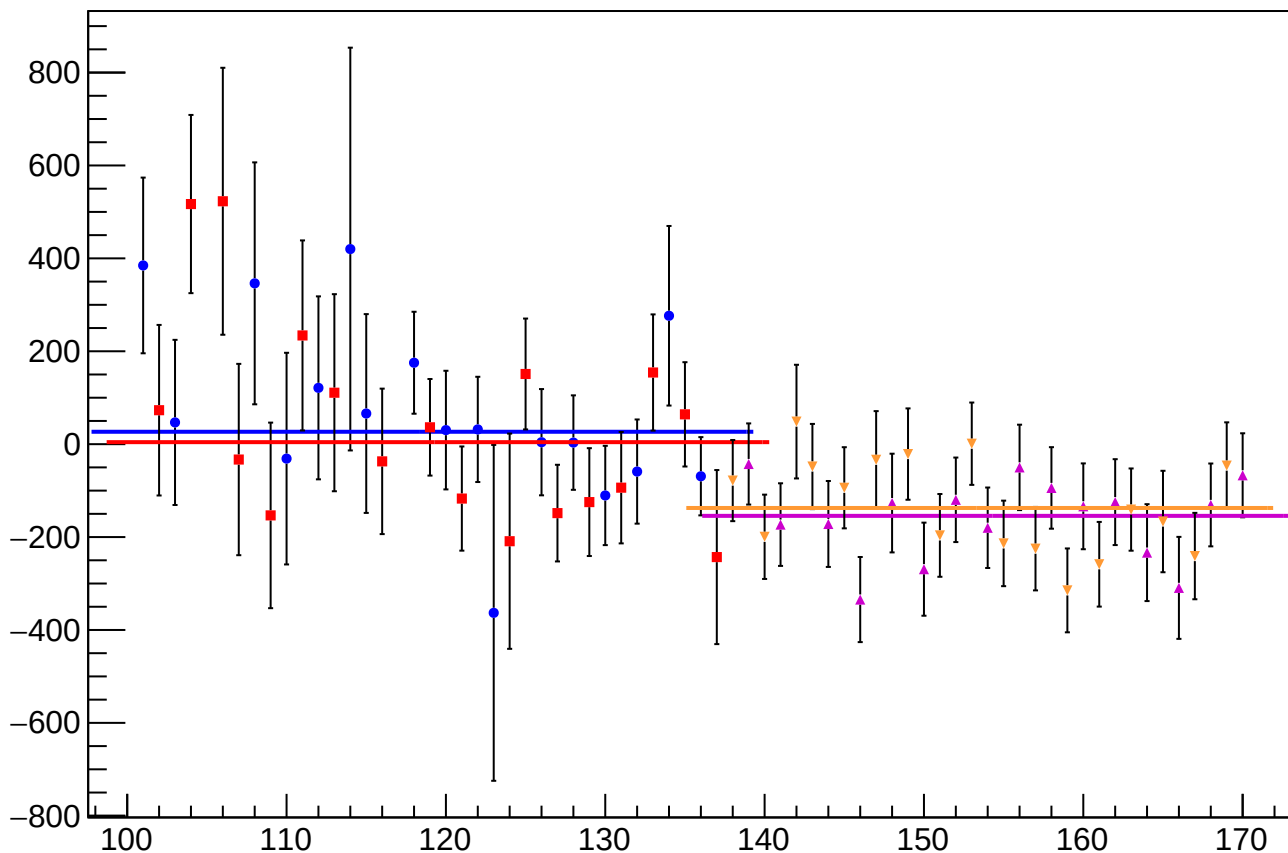
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 9014.909 $\pm$ 1.488 χ^2/NDF : 1699732.4/32

Out: 8760.159 $\pm$ 1.433 χ^2/NDF : 1709995.3/34

All: 8882.740 $\pm$ 1.032 χ^2/NDF : 3424943.6/67

dit_asym_sam1_mean vs Slug, Sign Corrected



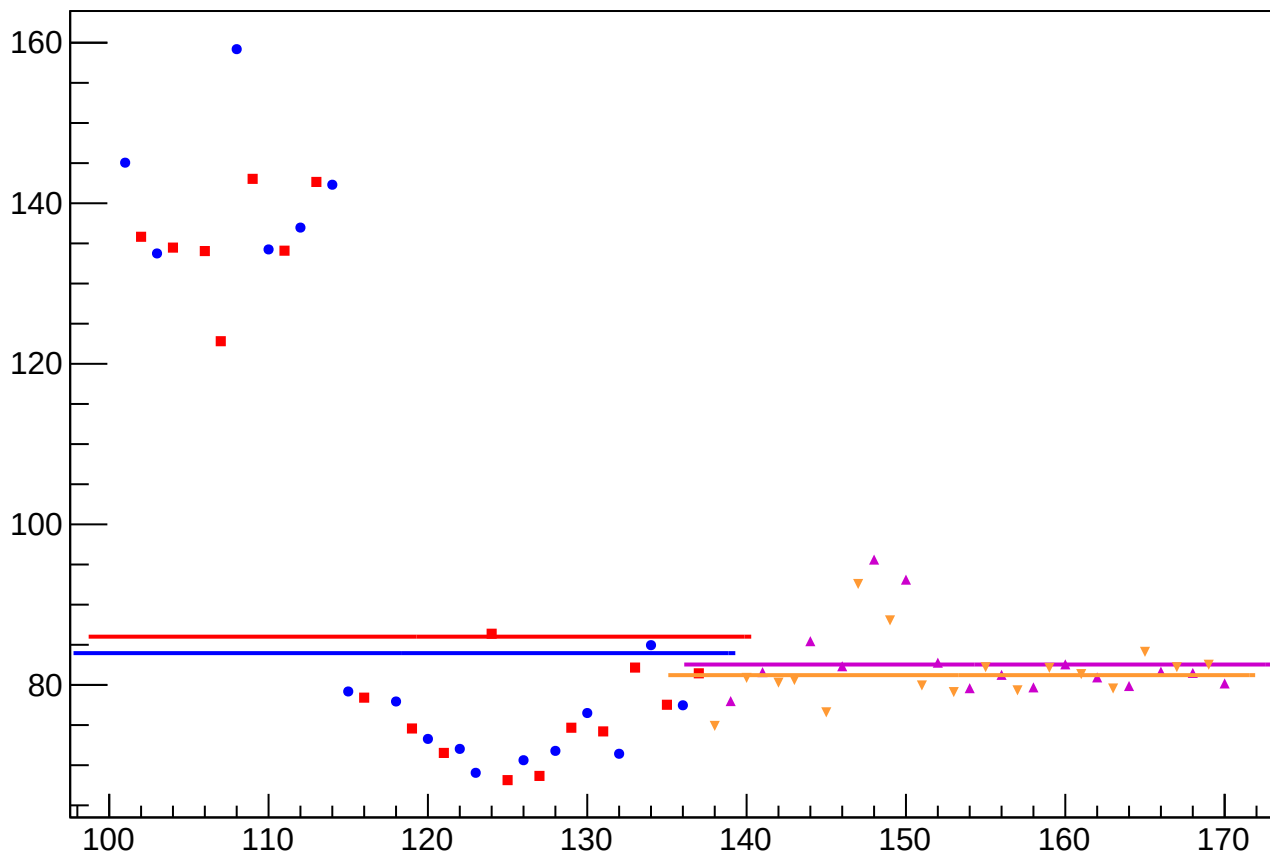
Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
Left Out: -137.366 $\pm$ 22.679 χ^2/NDF :19.2/16
Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17
Left In: -154.322 $\pm$ 23.307 χ^2/NDF :12.7/15

Left: -145.613 $\pm$ 16.254 χ^2/NDF : 32.2/32
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34

In: -95.574 $\pm$ 19.155 χ^2/NDF :46.8/32
Out: -93.451 $\pm$ 18.840 χ^2/NDF :55.2/34

All: -94.495 $\pm$ 13.432 χ^2/NDF : 102.0/67

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.219+/-0.016 χ^2/NDF : 55060.4/16

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 82.542+/-0.016 χ^2/NDF : 68703.3/15

Left: 81.862+/-0.011 χ^2/NDF : 127075.2/32

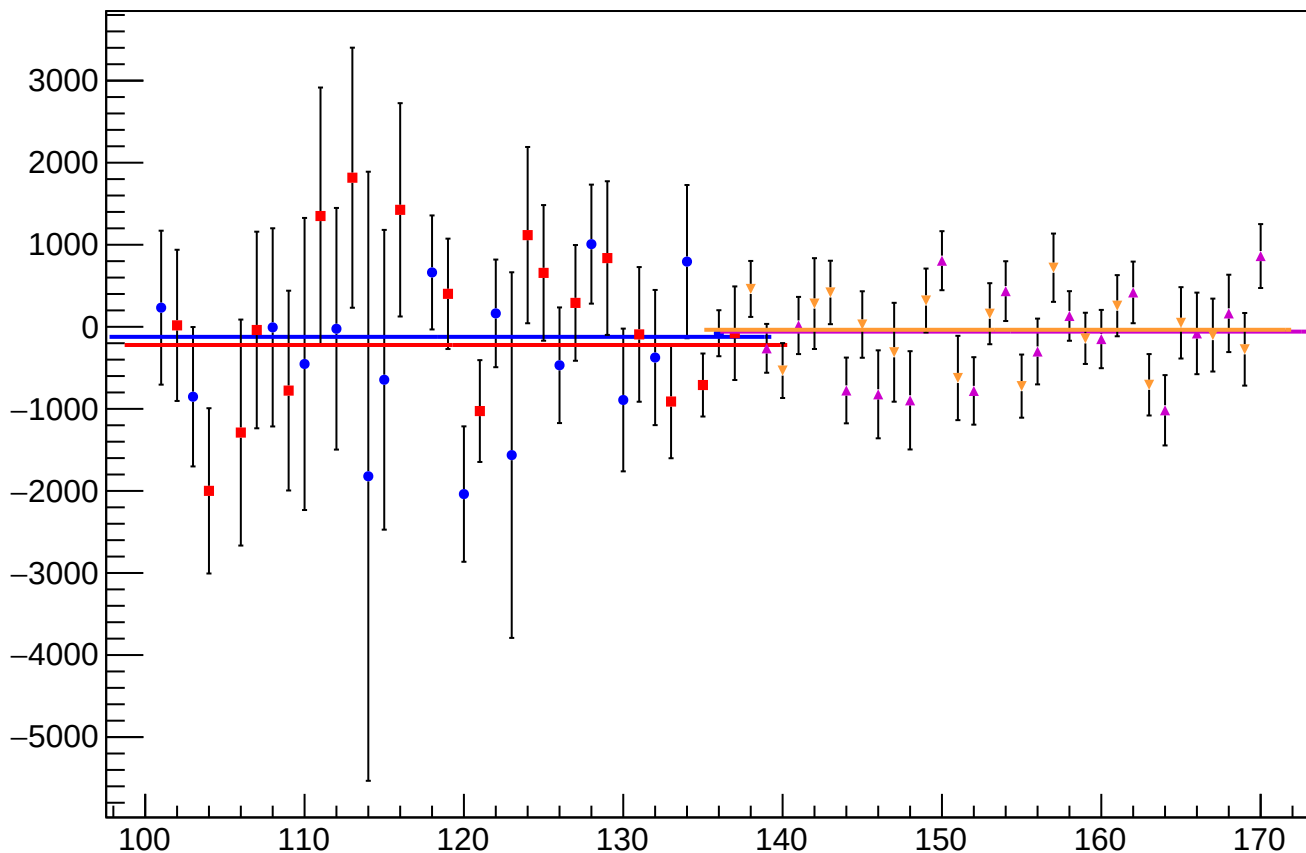
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.002+/-0.014 χ^2/NDF : 1031361.0/32

Out: 82.704+/-0.013 χ^2/NDF : 1109151.8/34

All: 82.851+/-0.009 χ^2/NDF : 2140759.0/67

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -36.227+/-96.882 χ^2/NDF :19.5/16

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -58.641+/-97.133 χ^2/NDF :31.7/15

Left: -47.405+/-68.595 χ^2/NDF : 51.2/32

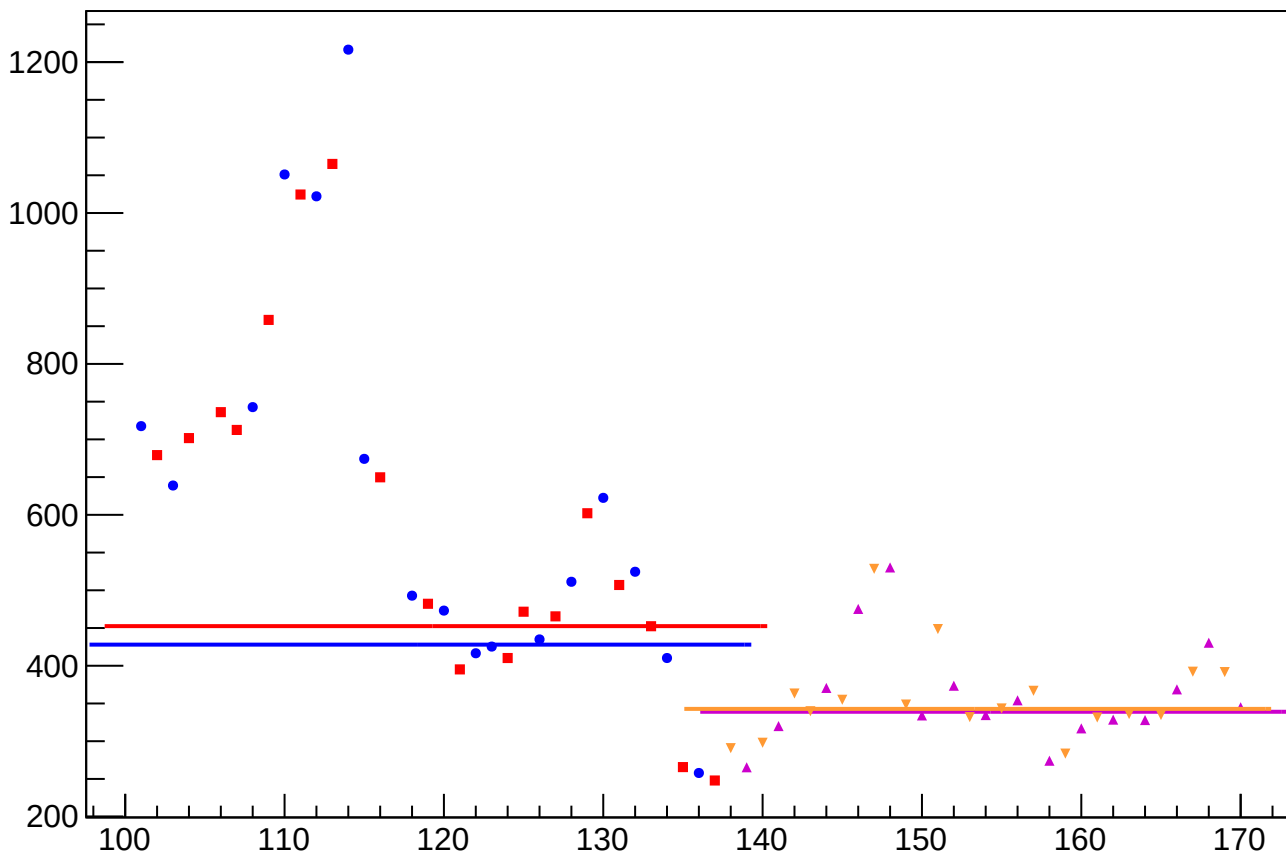
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -73.074+/-85.437 χ^2/NDF :44.8/32

Out: -76.074+/-85.835 χ^2/NDF :38.3/34

All: -74.567+/-60.553 χ^2/NDF : 83.1/67

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 342.833 $\pm$ 0.069 χ^2 /NDF:494800.4/16

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 339.008 $\pm$ 0.069 χ^2 /NDF:677203.1/15

Left: 340.925 $\pm$ 0.049 χ^2 /NDF: 1173557.9/32

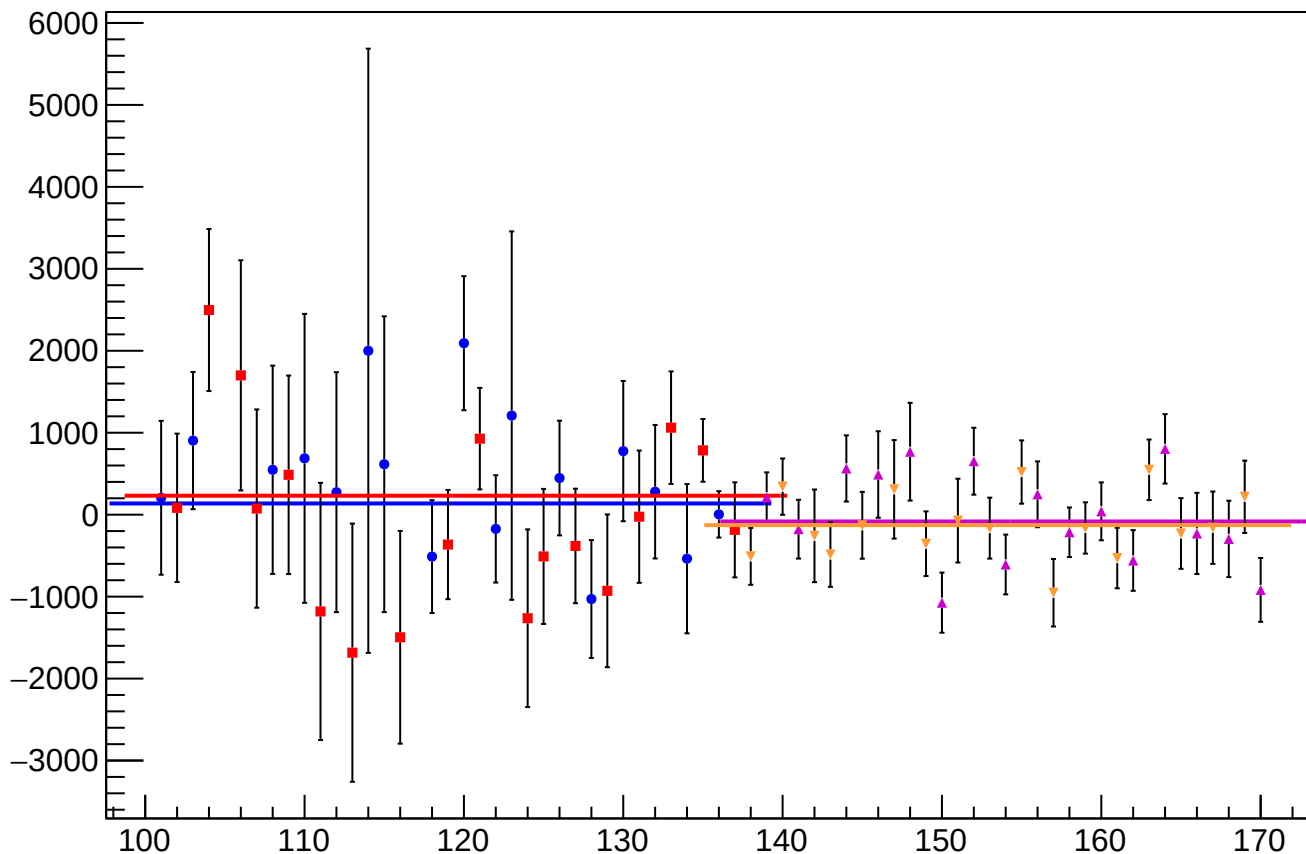
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 359.146 $\pm$ 0.060 χ^2 /NDF:3119286.0/32

Out: 366.417 $\pm$ 0.061 χ^2 /NDF:3119005.2/34

All: 362.765 $\pm$ 0.043 χ^2 /NDF: 6245500.5/67

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810+/-179.609 χ^2/NDF : 12.6/16

Left Out: -127.571+/-97.260 χ^2/NDF :16.9/16

Right Out: 231.586+/-184.578 χ^2/NDF : 21.8/17

Left In: -82.891+/-97.401 χ^2/NDF :31.3/15

Left: -105.264+/-68.823 χ^2/NDF : 48.3/32

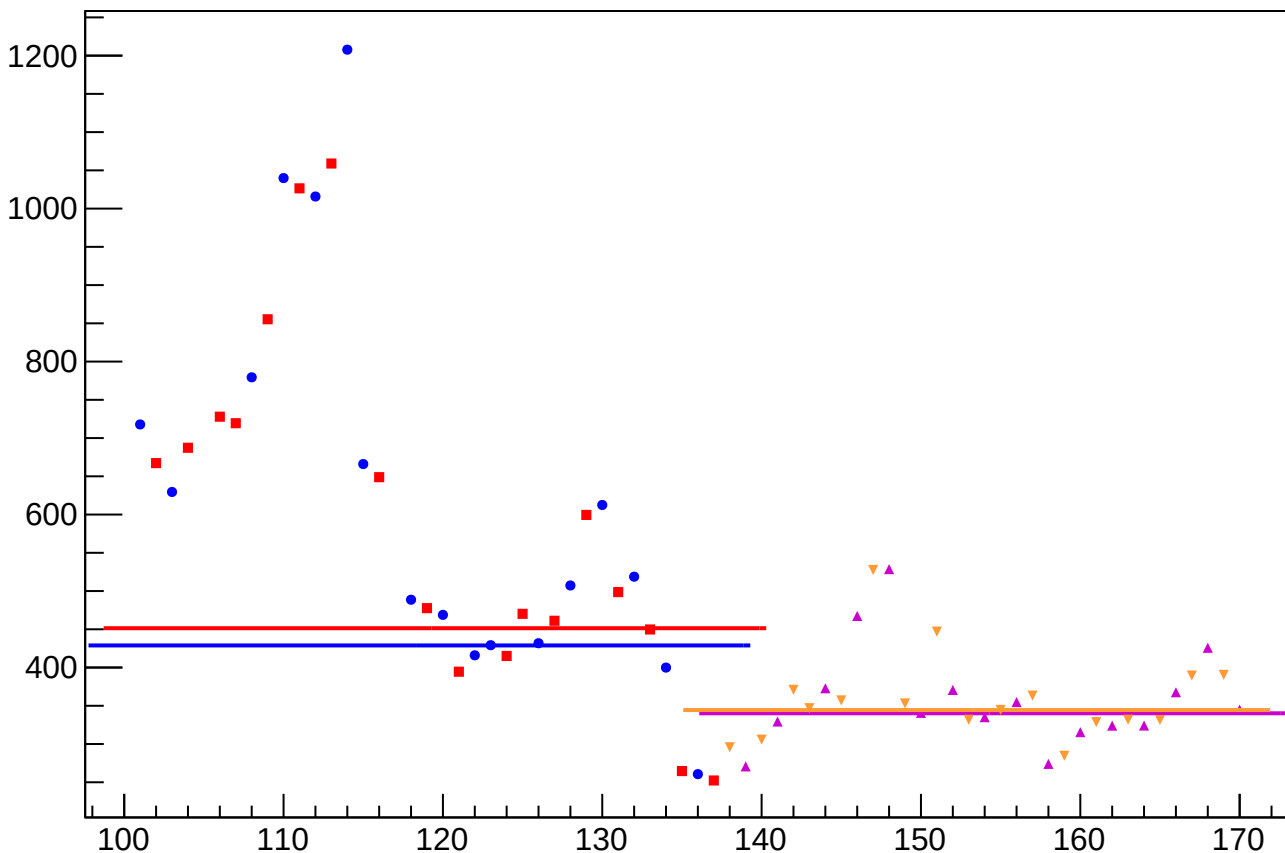
Right: 182.905+/-128.724 χ^2/NDF : 34.5/34

In: -32.963+/-85.622 χ^2/NDF :45.1/32

Out: -49.520+/-86.045 χ^2/NDF :41.6/34

All: -41.201+/-60.693 χ^2/NDF : 86.7/67

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 344.397+/-0.069 χ^2/NDF : 468281.0/16

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 340.175+/-0.069 χ^2/NDF : 635886.7/15

Left: 342.289+/-0.049 χ^2/NDF : 1106049.2/32

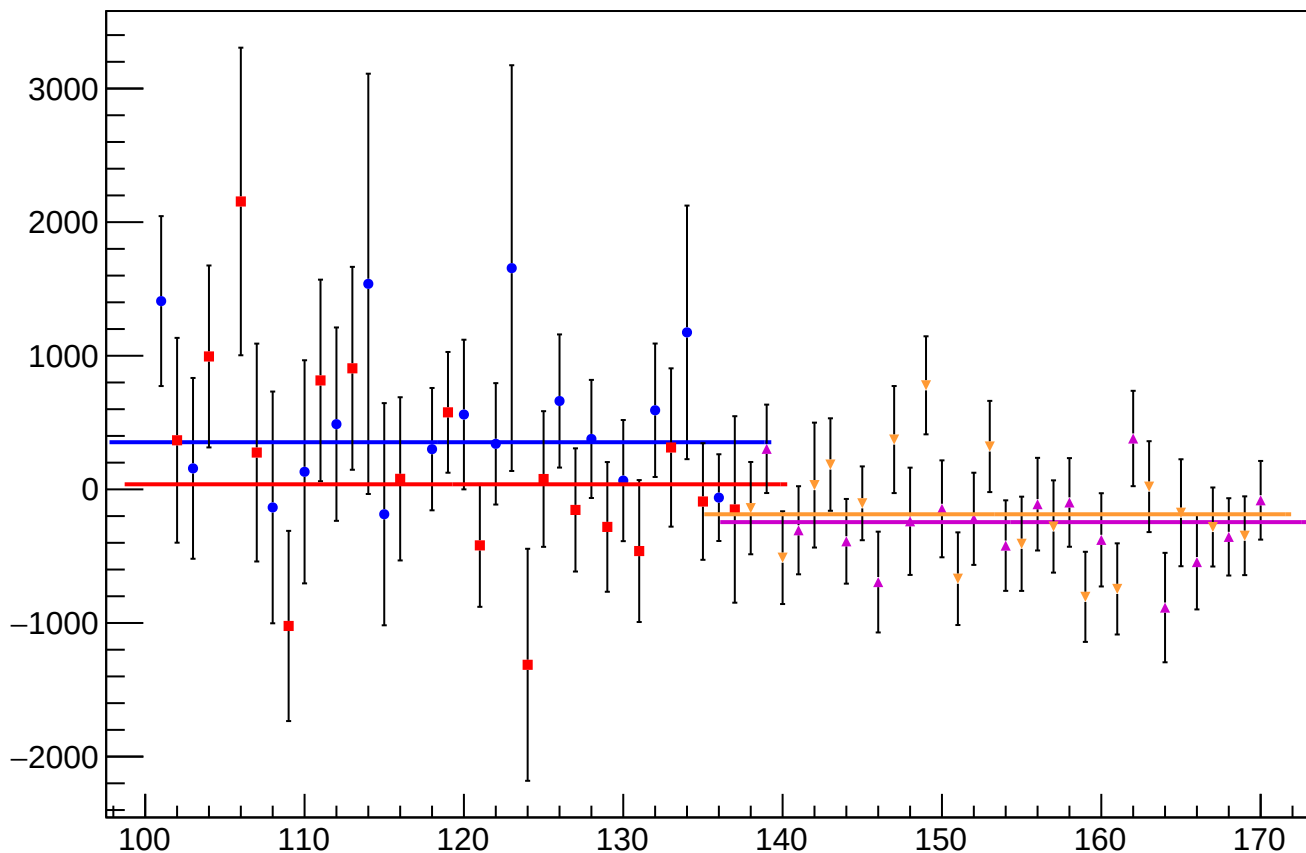
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 360.335+/-0.061 χ^2/NDF : 3023532.0/32

Out: 367.653+/-0.061 χ^2/NDF : 3025209.1/34

All: 363.976+/-0.043 χ^2/NDF : 6056008.3/67

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -186.267 $\pm$ 83.073 χ^2/NDF :22.6/16

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -245.140 $\pm$ 85.401 χ^2/NDF :11.9/15

Left: -214.890 $\pm$ 59.547 χ^2/NDF : 34.8/32

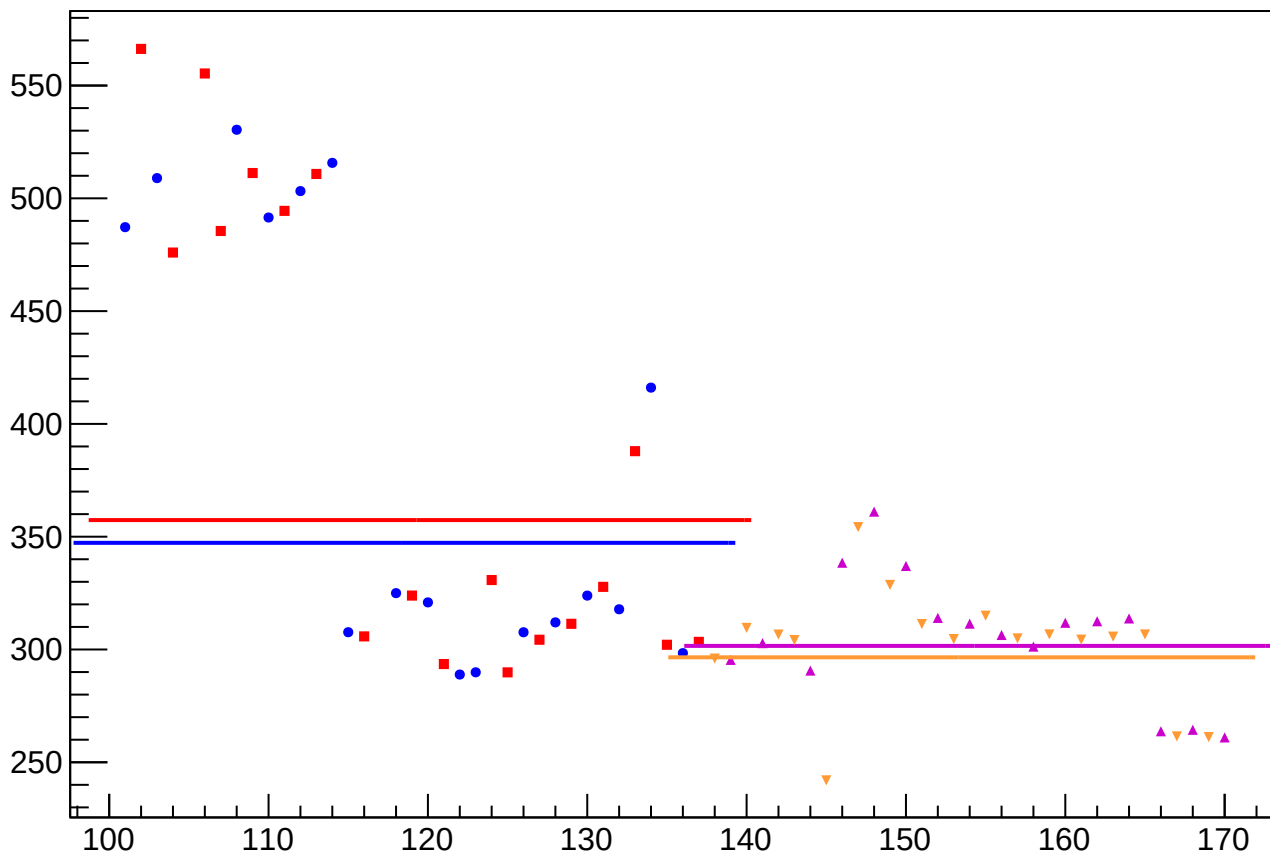
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -78.299 $\pm$ 72.517 χ^2/NDF :34.1/32

Out: -127.264 $\pm$ 71.311 χ^2/NDF :41.5/34

All: -103.192 $\pm$ 50.846 χ^2/NDF : 75.9/67

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 296.525 $\pm$ 0.059 χ^2 /NDF:213429.8/16

Right Out: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 301.594 $\pm$ 0.060 χ^2 /NDF:189134.9/15

Left: 298.989 $\pm$ 0.042 χ^2 /NDF: 406185.3/32

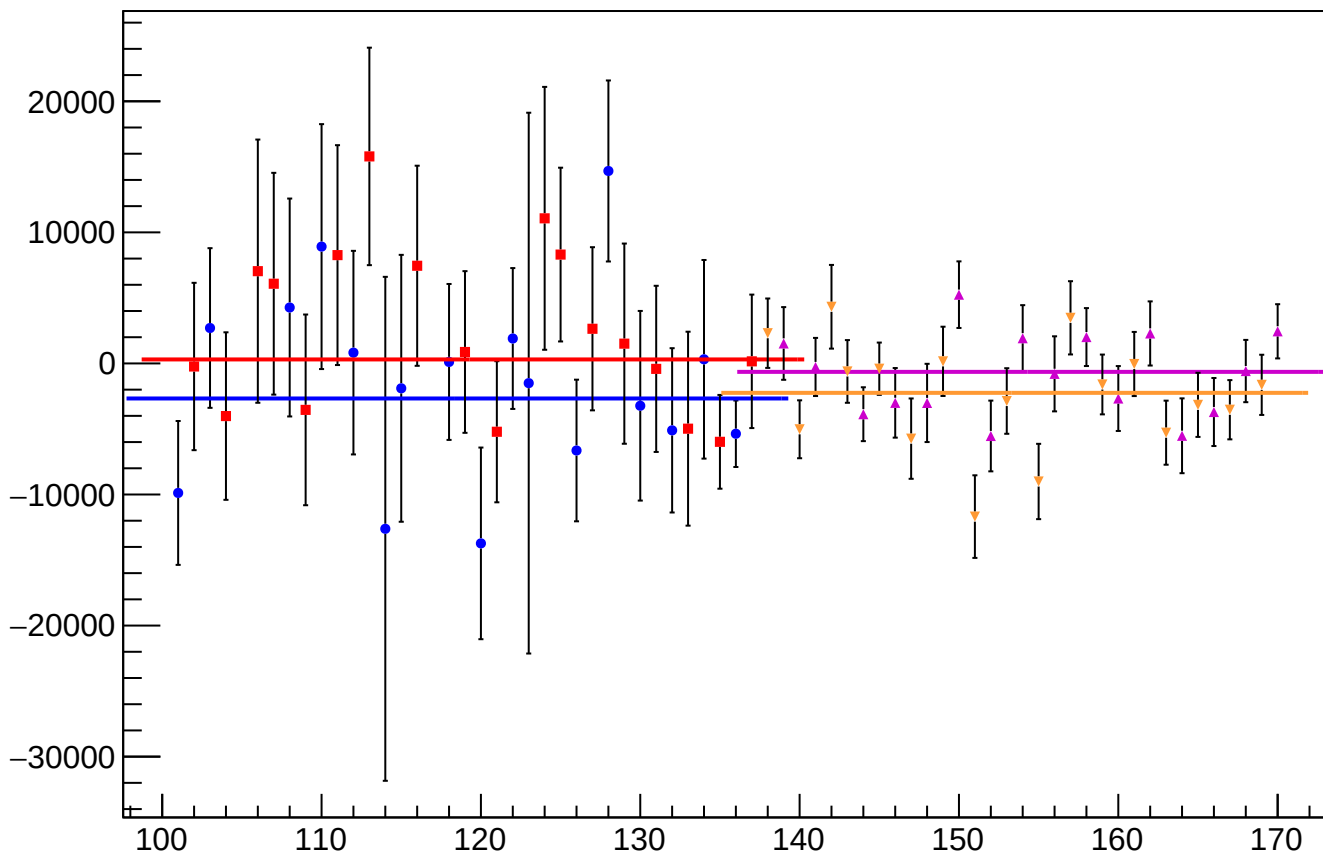
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 314.339 $\pm$ 0.051 χ^2 /NDF:967712.0/32

Out: 312.532 $\pm$ 0.050 χ^2 /NDF:1255620.1/34

All: 313.420 $\pm$ 0.036 χ^2 /NDF: 2223962.9/67

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -2244.466 $\pm$ 607.436 χ^2/NDF : 34.0/16

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -643.606 $\pm$ 618.672 χ^2/NDF : 24.3/15

Left: -1458.706 $\pm$ 433.440 χ^2/NDF : 61.7/32

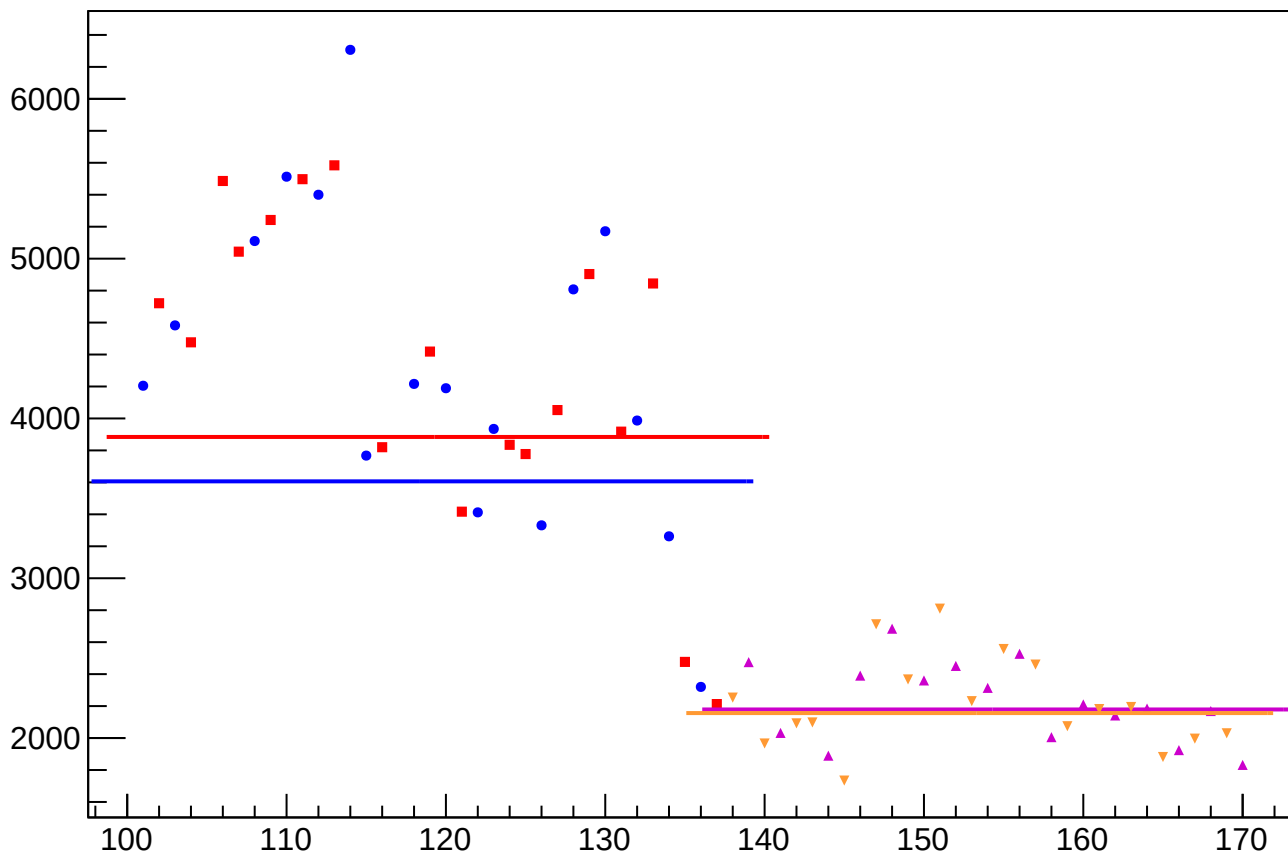
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -954.066 $\pm$ 569.413 χ^2/NDF : 42.7/32

Out: -1892.539 $\pm$ 563.951 χ^2/NDF : 50.8/34

All: -1427.825 $\pm$ 400.691 χ^2/NDF : 94.9/67

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2156.275 $\pm$ 0.430 χ^2/NDF : 382617.4/16

Right Out: 3884.203 $\pm$ 1.073 χ^2/NDF : 994574.5/17

Left In: 2178.809 $\pm$ 0.437 χ^2/NDF : 295883.0/15

Left: 2167.336 $\pm$ 0.306 χ^2/NDF : 679851.4/32

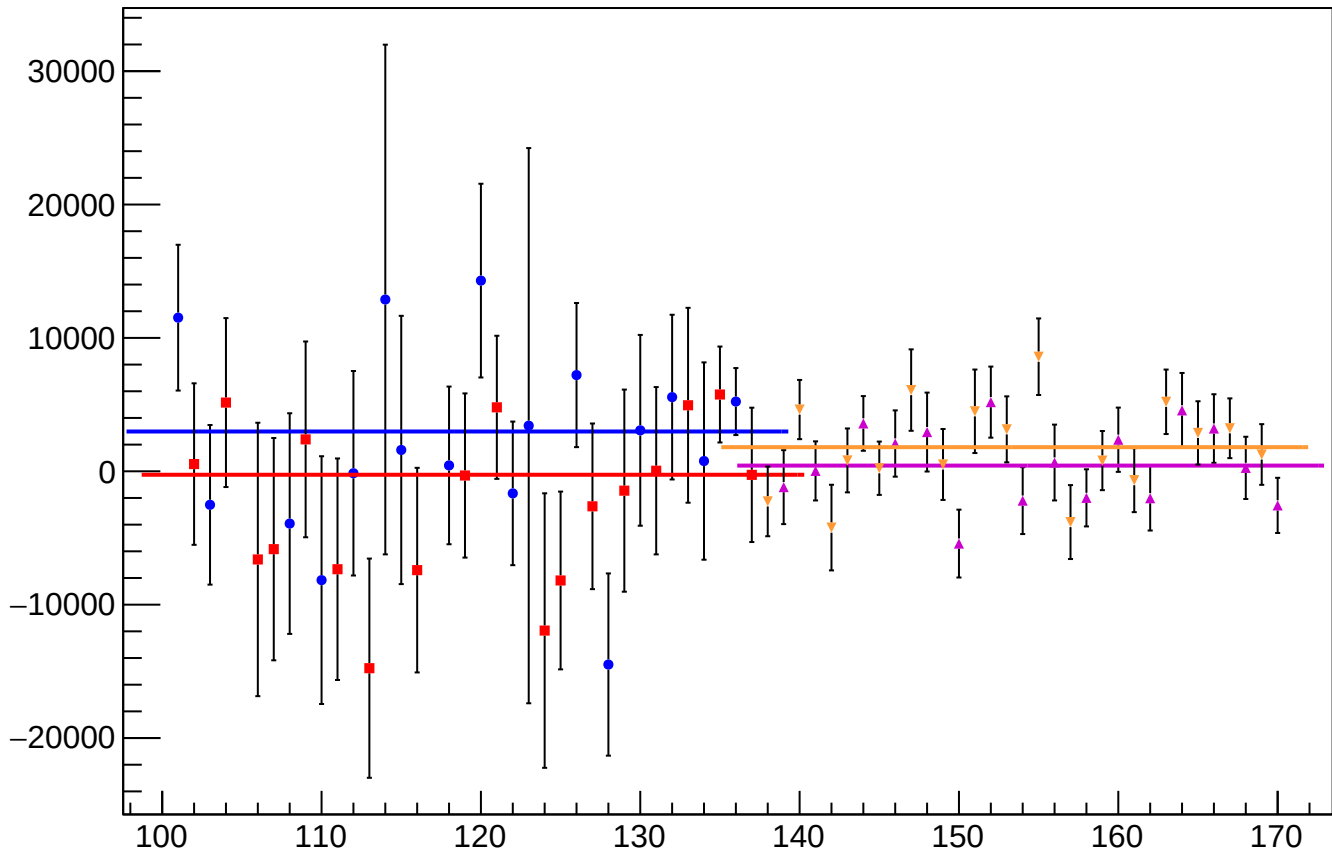
Right: 3739.524 $\pm$ 0.743 χ^2/NDF : 2121988.0/34

In: 2397.088 $\pm$ 0.403 χ^2/NDF : 3016609.9/32

Out: 2394.815 $\pm$ 0.399 χ^2/NDF : 3611356.7/34

All: 2395.940 $\pm$ 0.283 χ^2/NDF : 6627982.7/67

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1807.617+/-602.425 χ^2/NDF : 25.2/16

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 427.023+/-610.539 χ^2/NDF : 21.9/15

Left: 1126.555+/-428.819 χ^2/NDF : 49.7/32

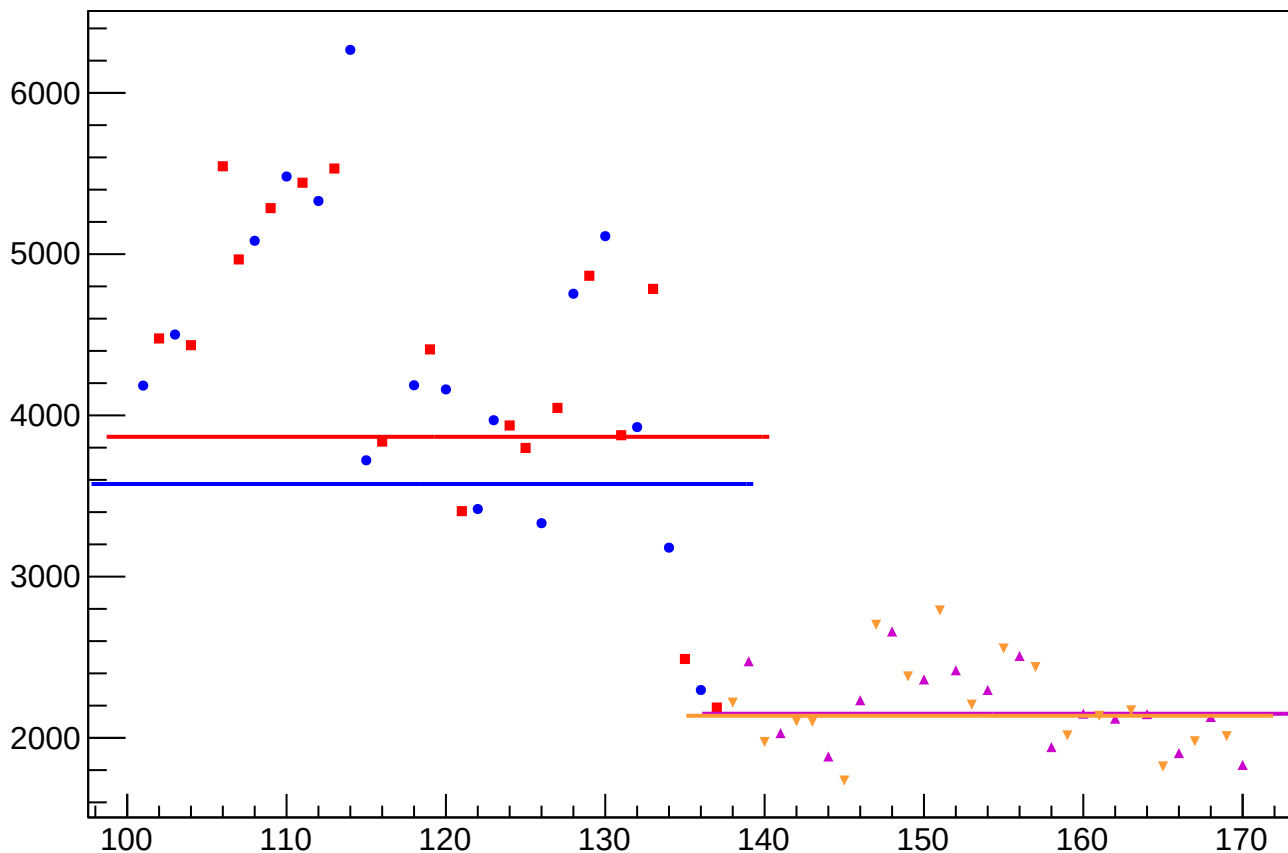
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 814.917+/-562.318 χ^2/NDF : 42.0/32

Out: 1523.860+/-559.556 χ^2/NDF : 40.3/34

All: 1171.134+/-396.639 χ^2/NDF : 83.1/67

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 ± 1.021 $\chi^2/\text{NDF}: 1091350.4/16$

Left Out: 2137.165 ± 0.426 $\chi^2/\text{NDF}: 391831.9/16$

Right Out: 3867.232 ± 1.068 $\chi^2/\text{NDF}: 968137.9/17$

Left In: 2149.709 ± 0.432 $\chi^2/\text{NDF}: 285978.6/15$

Left: 2143.353 ± 0.303 $\chi^2/\text{NDF}: 678238.3/32$

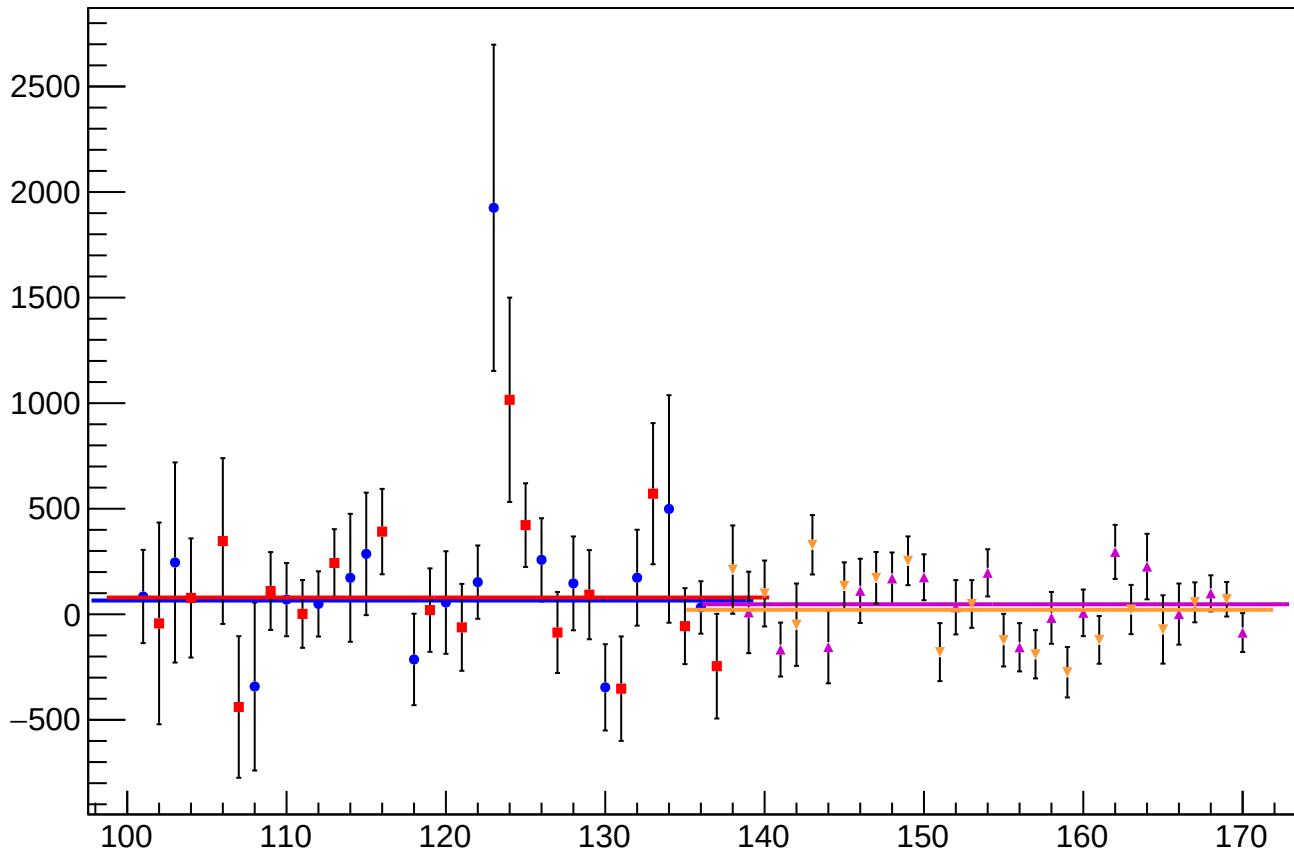
Right: 3714.186 ± 0.738 $\chi^2/\text{NDF}: 2098786.6/34$

In: 2365.862 ± 0.398 $\chi^2/\text{NDF}: 3029573.2/32$

Out: 2374.629 ± 0.396 $\chi^2/\text{NDF}: 3624015.9/34$

All: 2370.267 ± 0.280 $\chi^2/\text{NDF}: 6653833.3/67$

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 21.340 $\pm$ 29.408 χ^2 /NDF:28.1/16

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 47.498 $\pm$ 30.333 χ^2 /NDF:19.8/15

Left: 34.014 $\pm$ 21.114 χ^2 /NDF: 48.3/32

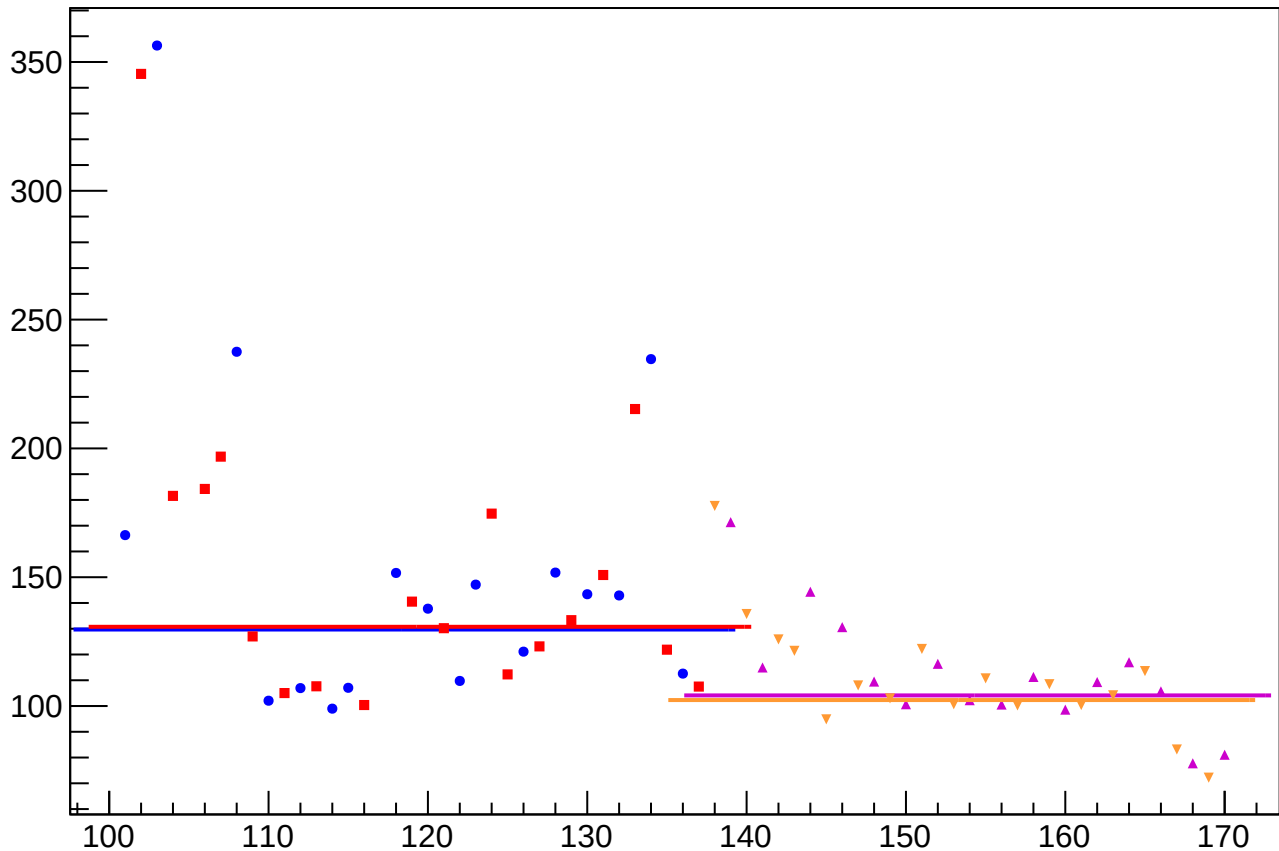
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 51.909 $\pm$ 26.290 χ^2 /NDF:35.7/32

Out: 35.287 $\pm$ 25.639 χ^2 /NDF:51.2/34

All: 43.390 $\pm$ 18.355 χ^2 /NDF: 87.0/67

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 102.313 $\pm$ 0.021 χ^2 /NDF: 852387.6/16

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 104.118 $\pm$ 0.021 χ^2 /NDF: 799086.8/15

Left: 103.188 $\pm$ 0.015 χ^2 /NDF: 1655127.3/32

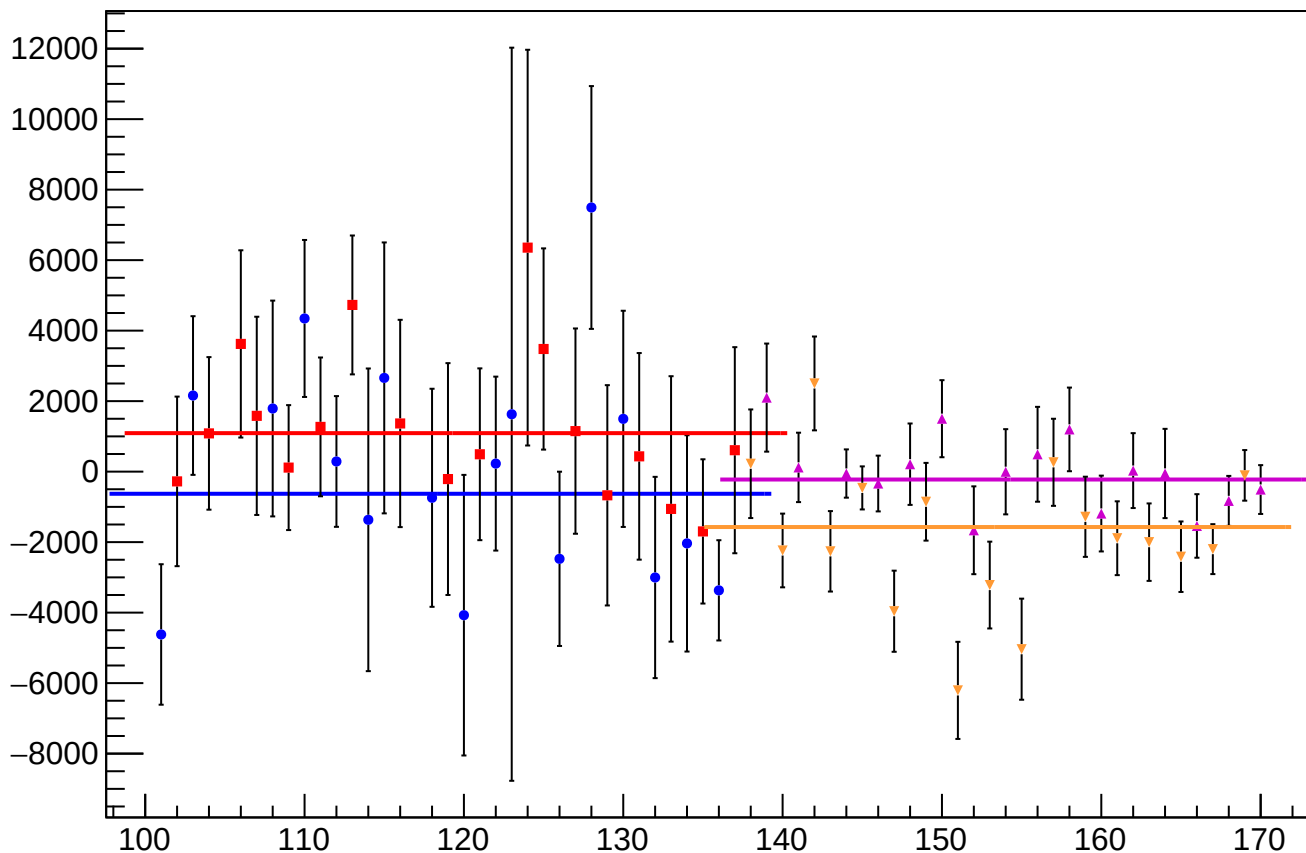
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 110.483 $\pm$ 0.019 χ^2 /NDF: 2142665.2/32

Out: 109.136 $\pm$ 0.018 χ^2 /NDF: 2228645.0/34

All: 109.793 $\pm$ 0.013 χ^2 /NDF: 4374004.1/67

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1571.848+/-244.695 χ^2/NDF : 46.6/16

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: -223.912+/-242.217 χ^2/NDF : 12.1/15

Left: -891.018+/-172.143 χ^2/NDF : 74.1/32

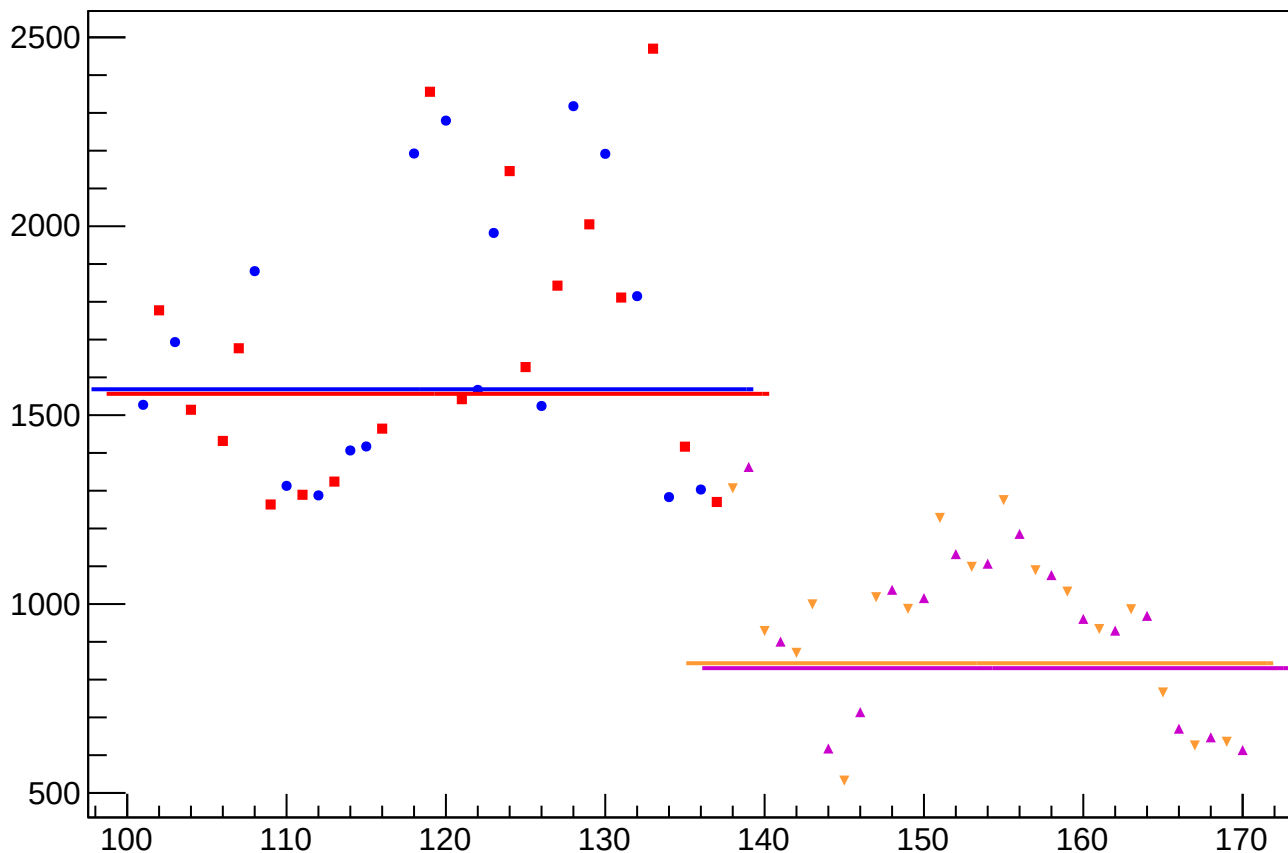
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -277.220+/-225.682 χ^2/NDF : 36.8/32

Out: -1191.419+/-226.550 χ^2/NDF : 72.9/34

All: -732.567+/-159.887 χ^2/NDF : 117.9/67

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 +/- 0.439 χ^2/NDF : 534197.6/16

Left Out: 843.394 +/- 0.173 χ^2/NDF : 1805293.6/16

Right Out: 1556.423 +/- 0.424 χ^2/NDF : 510453.6/17

Left In: 830.315 +/- 0.171 χ^2/NDF : 1520890.9/15

Left: 836.788 +/- 0.122 χ^2/NDF : 3329070.6/32

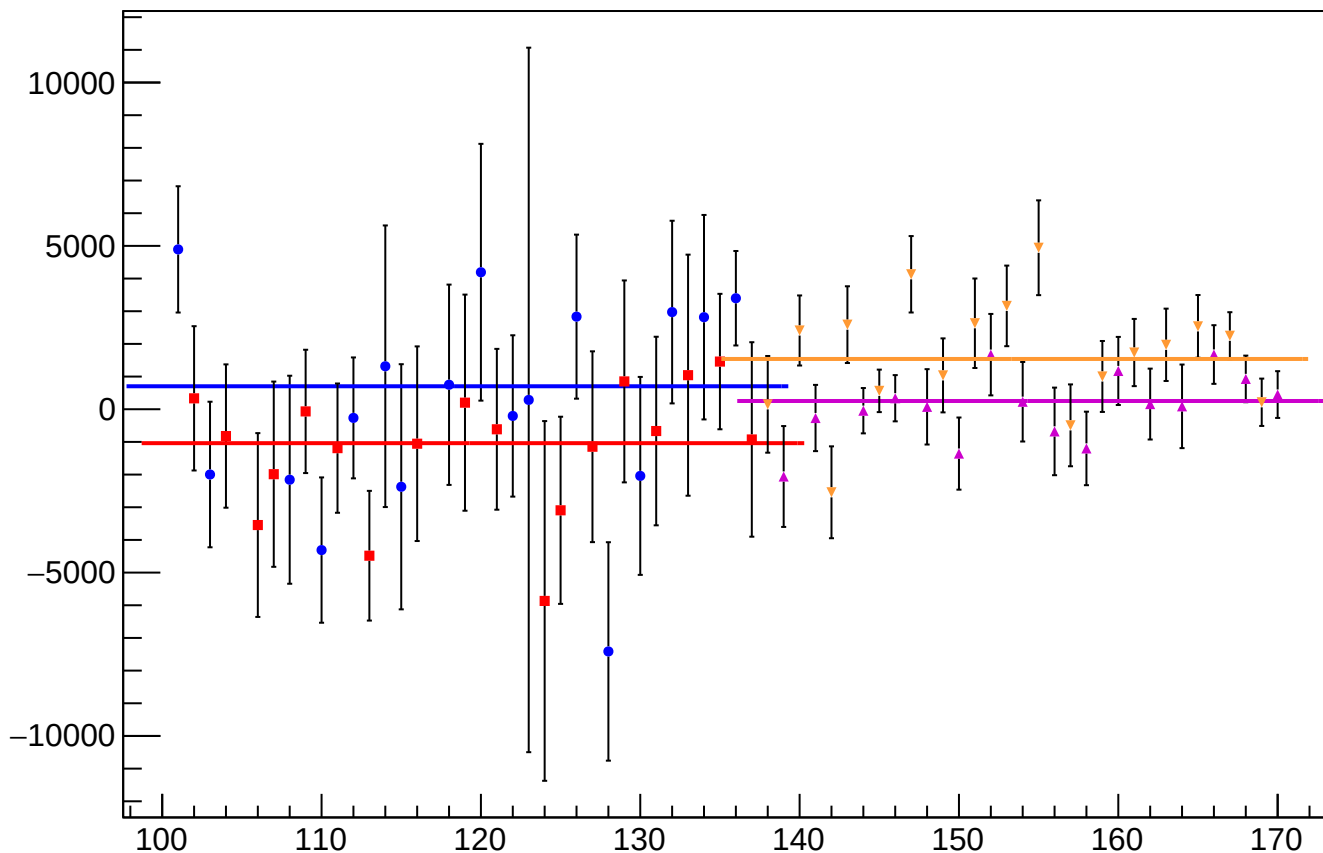
Right: 1562.235 +/- 0.305 χ^2/NDF : 1045041.2/34

In: 927.654 +/- 0.160 χ^2/NDF : 4504495.4/32

Out: 945.225 +/- 0.160 χ^2/NDF : 4741050.8/34

All: 936.406 +/- 0.113 χ^2/NDF : 9251585.1/67

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1538.765+/-247.990 χ^2/NDF : 34.5/16

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: 252.149+/-240.810 χ^2/NDF : 12.6/15

Left: 876.561+/-172.761 χ^2/NDF : 60.9/32

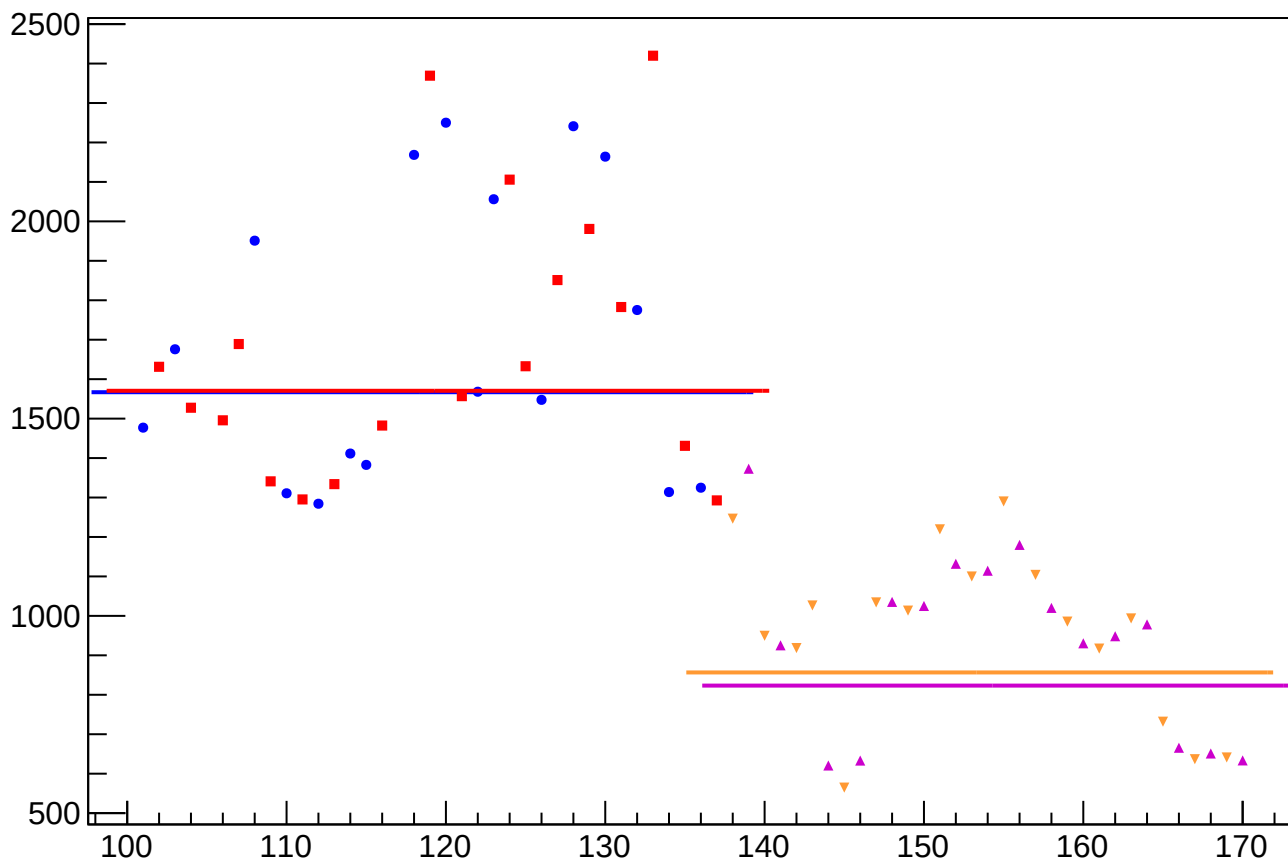
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 311.153+/-224.502 χ^2/NDF : 39.0/32

Out: 1167.250+/-229.420 χ^2/NDF : 58.2/34

All: 729.926+/-160.458 χ^2/NDF : 104.4/67

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 856.614 $\pm$ 0.175 χ^2 /NDF: 1624176.4/16

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 823.265 $\pm$ 0.170 χ^2 /NDF: 1558819.8/15

Left: 839.450 $\pm$ 0.122 χ^2 /NDF: 3201611.4/32

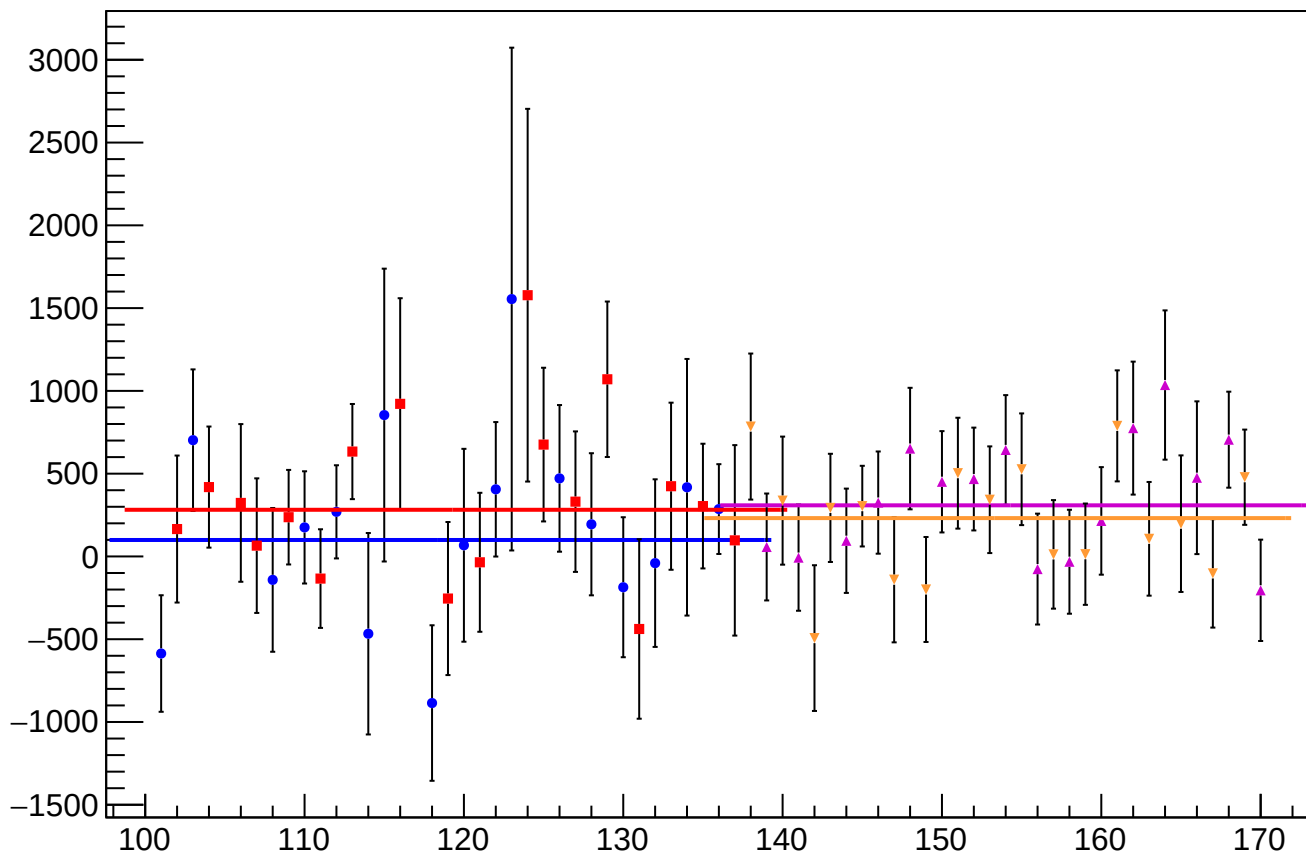
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 920.578 $\pm$ 0.159 χ^2 /NDF: 4554612.3/32

Out: 959.531 $\pm$ 0.162 χ^2 /NDF: 4452948.0/34

All: 939.633 $\pm$ 0.113 χ^2 /NDF: 9037013.4/67

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 231.548 $\pm$ 81.082 χ^2/NDF : 14.5/16

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 308.740 $\pm$ 83.222 χ^2/NDF : 15.8/15

Left: 269.139 $\pm$ 58.076 χ^2/NDF : 30.7/32

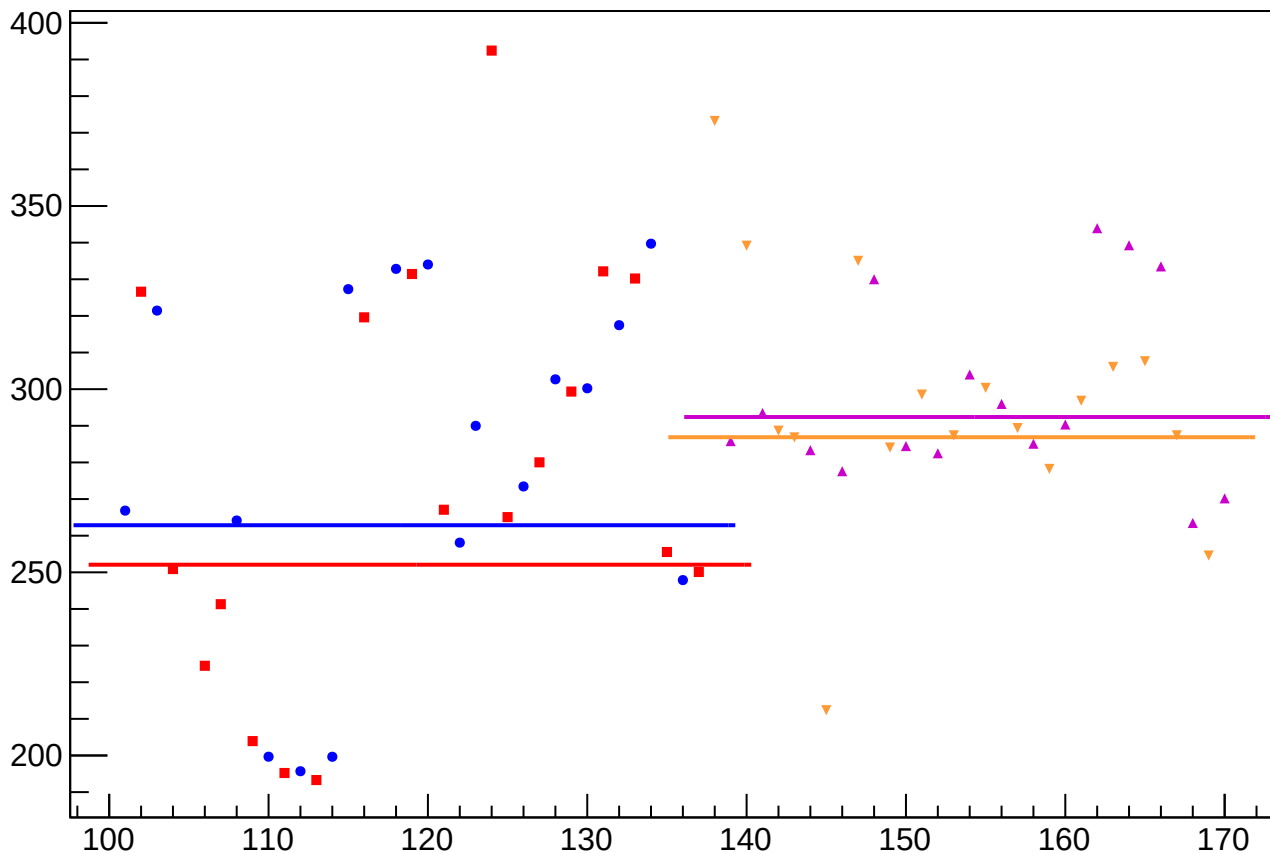
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 226.499 $\pm$ 64.847 χ^2/NDF : 34.2/32

Out: 252.011 $\pm$ 62.441 χ^2/NDF : 28.3/34

All: 239.737 $\pm$ 44.979 χ^2/NDF : 62.6/67

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 286.885 $\pm$ 0.057 χ^2 /NDF: 378472.8/16

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 292.398 $\pm$ 0.059 χ^2 /NDF: 136212.0/15

Left: 289.570 $\pm$ 0.041 χ^2 /NDF: 519188.2/32

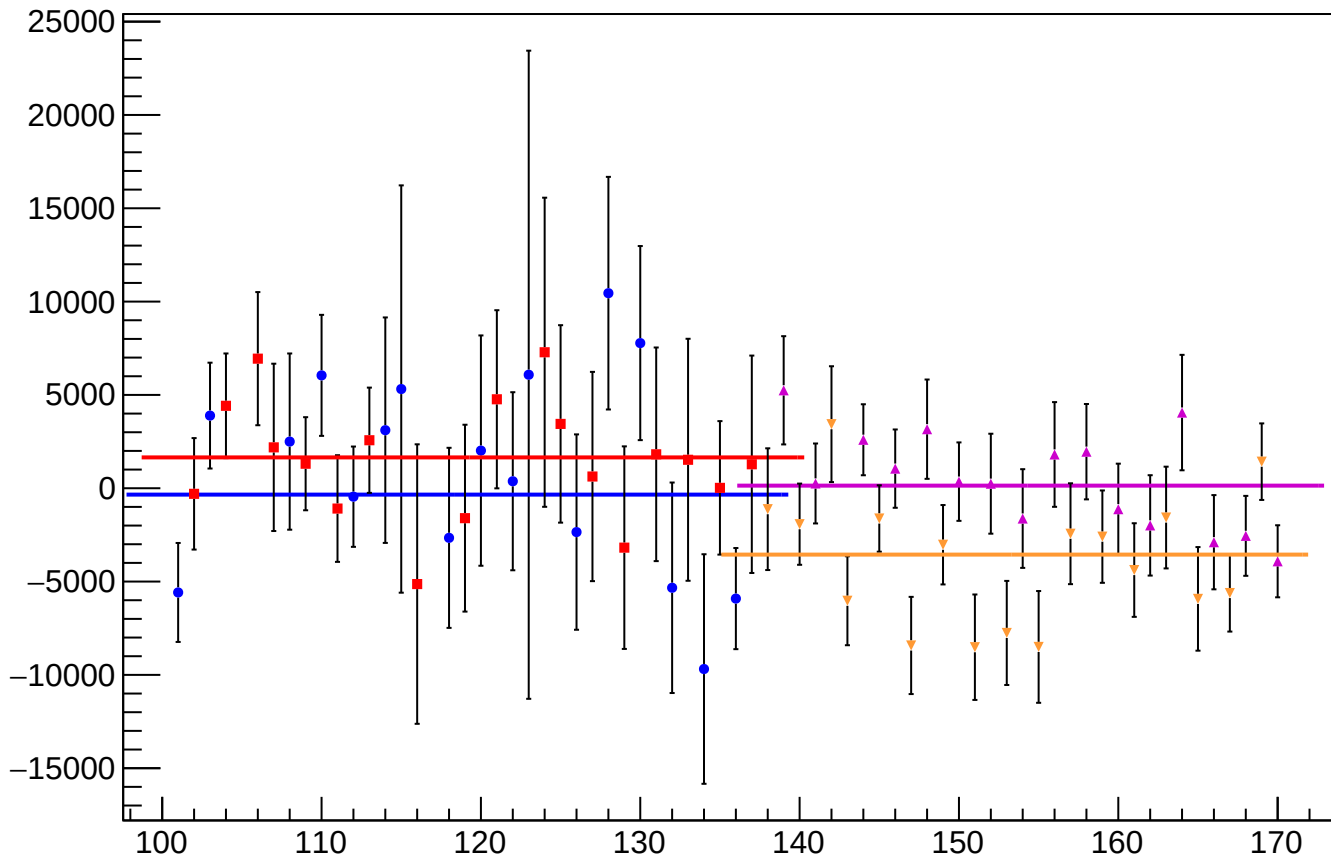
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 280.793 $\pm$ 0.046 χ^2 /NDF: 646911.0/32

Out: 272.720 $\pm$ 0.044 χ^2 /NDF: 1043598.5/34

All: 276.604 $\pm$ 0.032 χ^2 /NDF: 1706593.0/67

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -3555.622 $\pm$ 594.298 χ^2/NDF : 28.7/16

Right Out: 1651.954 $\pm$ 929.858 χ^2/NDF : 7.9/17

Left In: 139.683 $\pm$ 594.886 χ^2/NDF : 17.5/15

Left: -1709.798 $\pm$ 420.440 χ^2/NDF : 65.5/32

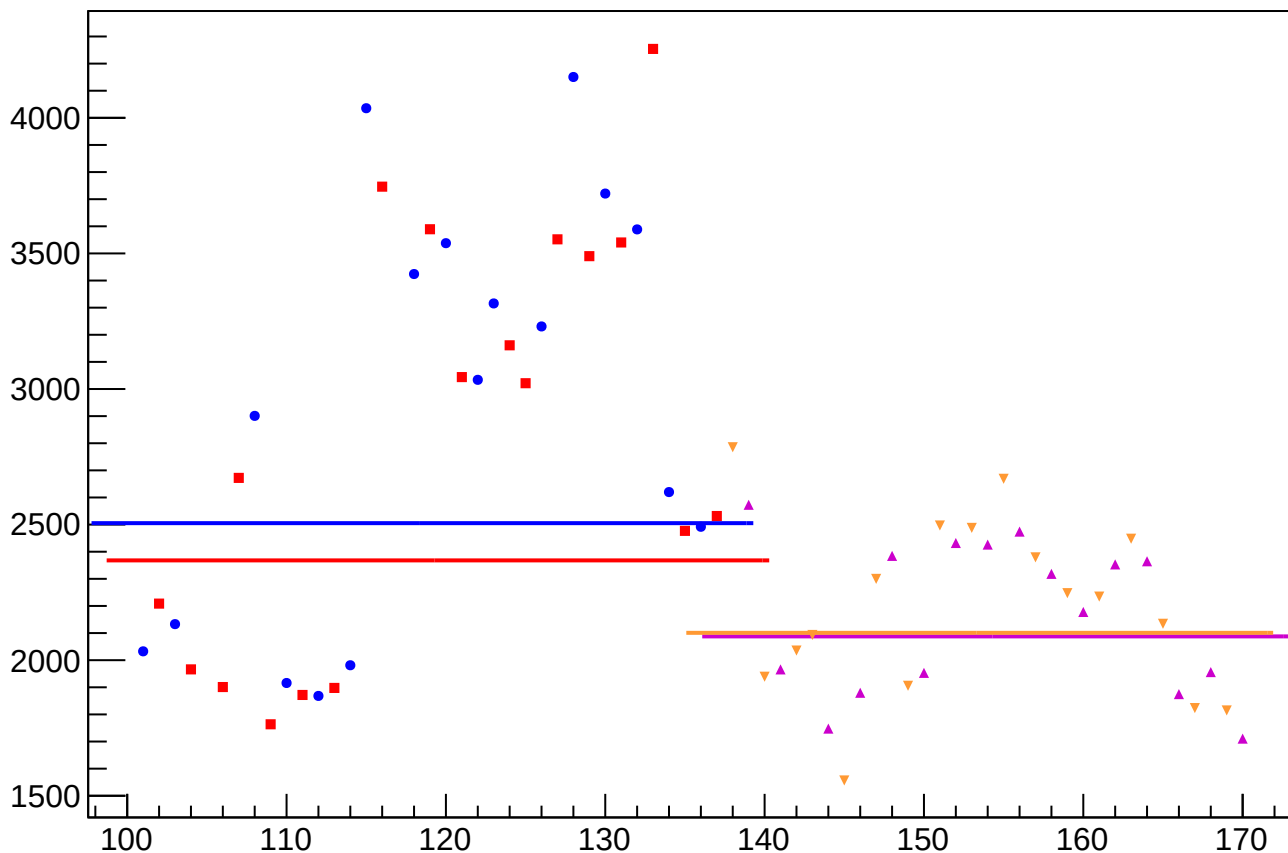
Right: 732.150 $\pm$ 682.415 χ^2/NDF : 34.5/34

In: 14.755 $\pm$ 511.877 χ^2/NDF : 42.1/32

Out: -2045.337 $\pm$ 500.758 χ^2/NDF : 58.9/34

All: -1037.907 $\pm$ 357.956 χ^2/NDF : 109.3/67

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2100.895+/-0.420 χ^2/NDF : 607372.7/16

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2087.728+/-0.421 χ^2/NDF : 435644.5/15

Left: 2094.318+/-0.297 χ^2/NDF : 1043507.6/32

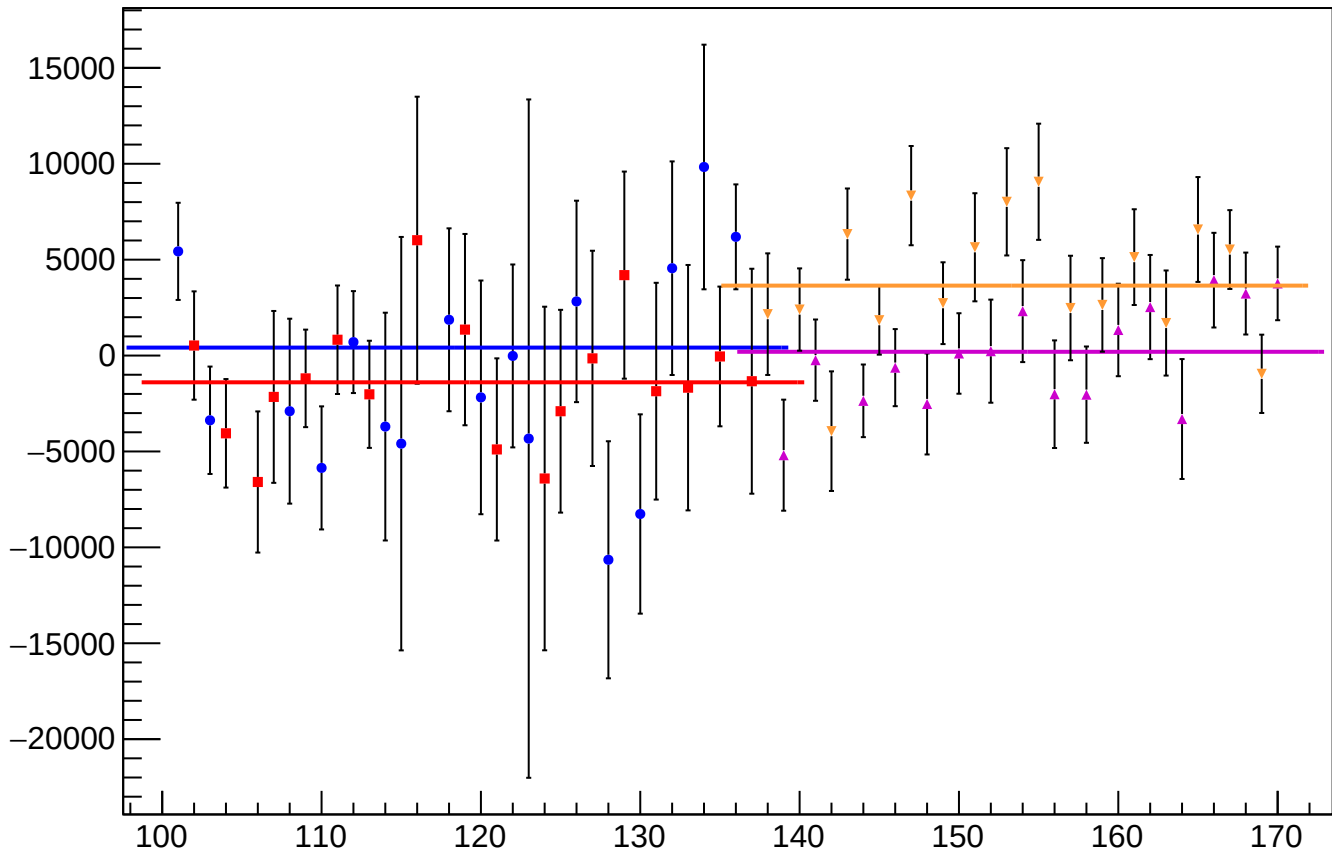
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2196.140+/-0.362 χ^2/NDF : 1555637.0/32

Out: 2178.361+/-0.354 χ^2/NDF : 1755423.1/34

All: 2187.055+/-0.253 χ^2/NDF : 3312292.9/67

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3647.184+/-592.828 χ^2/NDF : 26.7/16

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: 196.516+/-590.248 χ^2/NDF : 18.6/15

Left: 1914.326+/-418.278 χ^2/NDF : 62.3/32

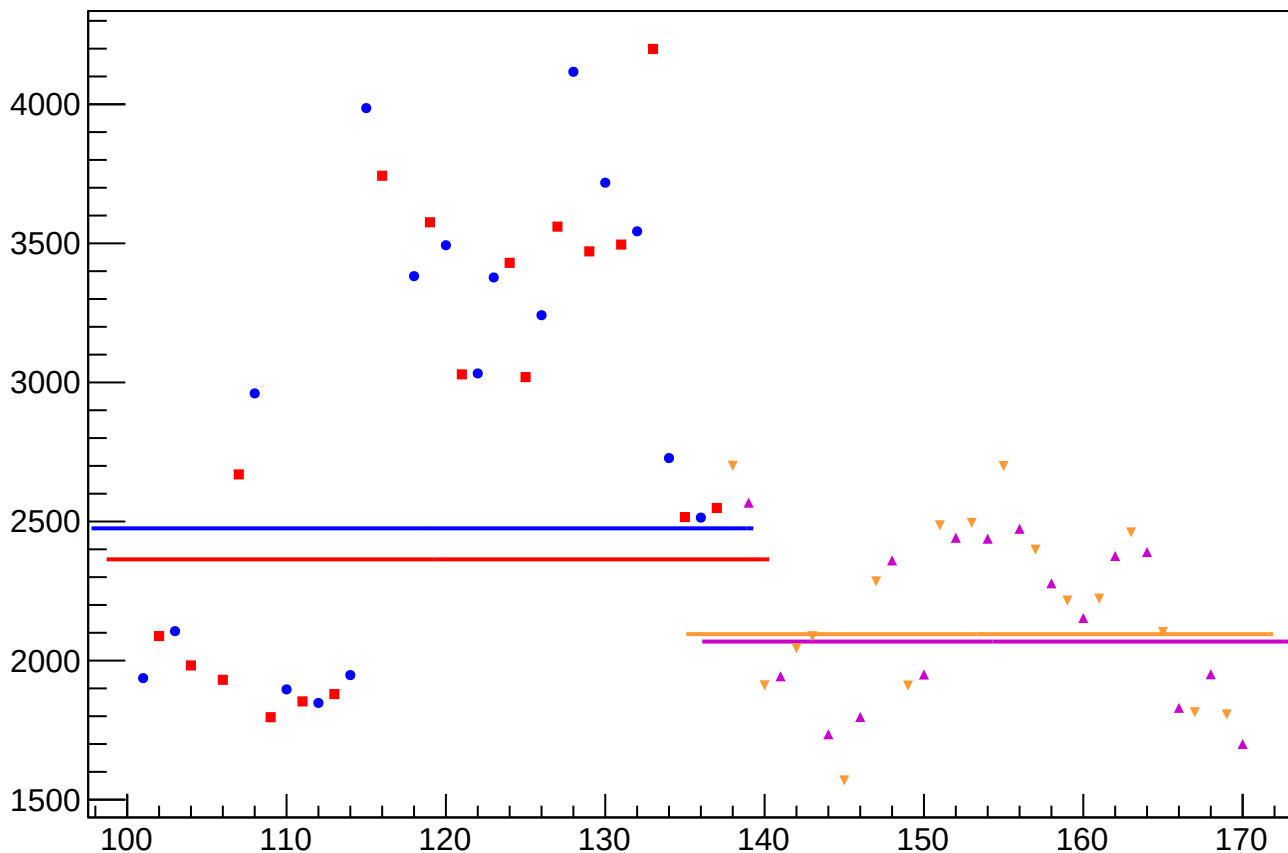
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: 253.538+/-507.636 χ^2/NDF : 43.1/32

Out: 2188.179+/-499.744 χ^2/NDF : 55.1/34

All: 1236.013+/-356.130 χ^2/NDF : 105.6/67

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2095.091+/-0.419 χ^2/NDF : 592588.4/16

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2068.409+/-0.417 χ^2/NDF : 476408.6/15

Left: 2081.692+/-0.296 χ^2/NDF : 1071031.6/32

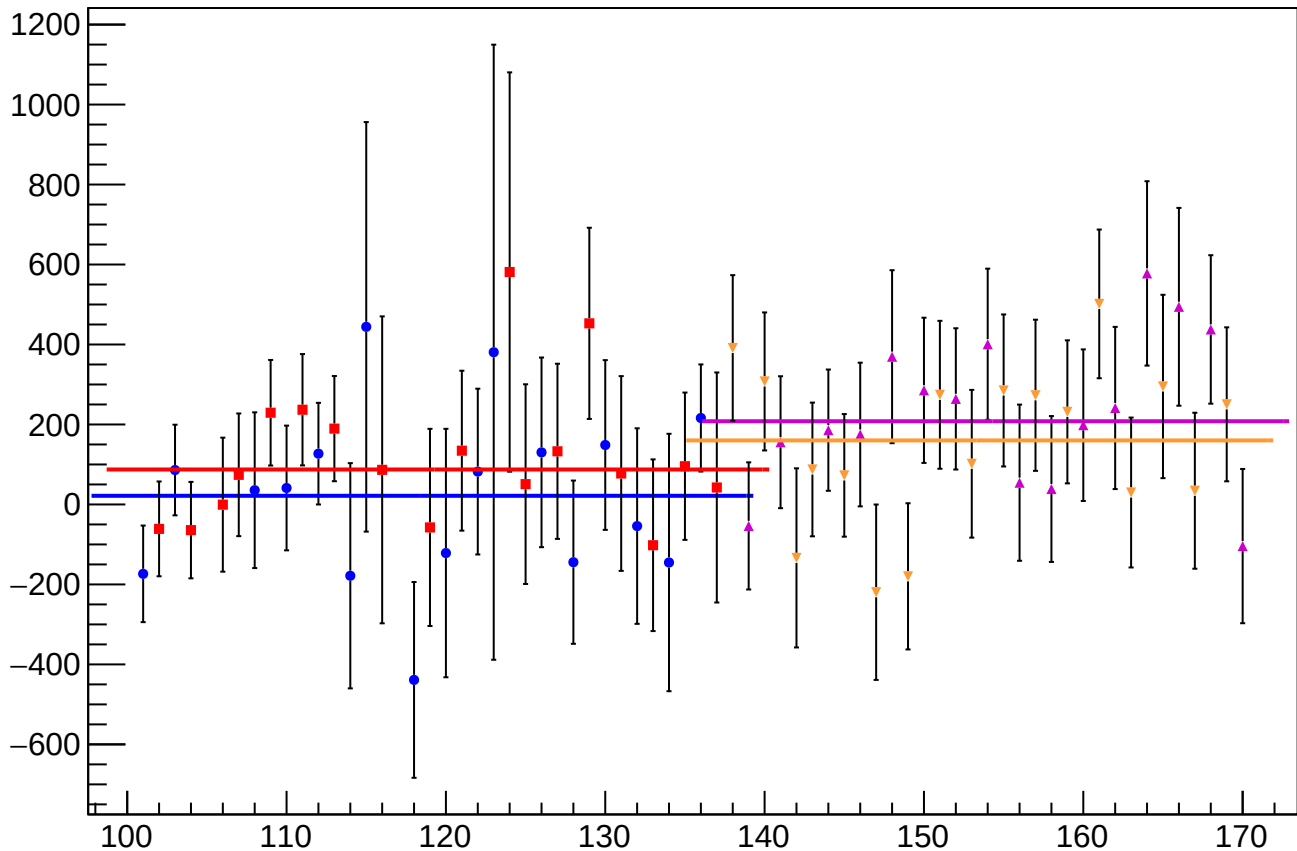
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2174.372+/-0.359 χ^2/NDF : 1637075.1/32

Out: 2172.881+/-0.353 χ^2/NDF : 1738464.9/34

All: 2173.615+/-0.252 χ^2/NDF : 3375548.7/67

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 160.161 $\pm$ 45.274 χ^2/NDF : 17.3/16

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 208.108 $\pm$ 46.520 χ^2/NDF : 14.3/15

Left: 183.483 $\pm$ 32.445 χ^2/NDF : 32.2/32

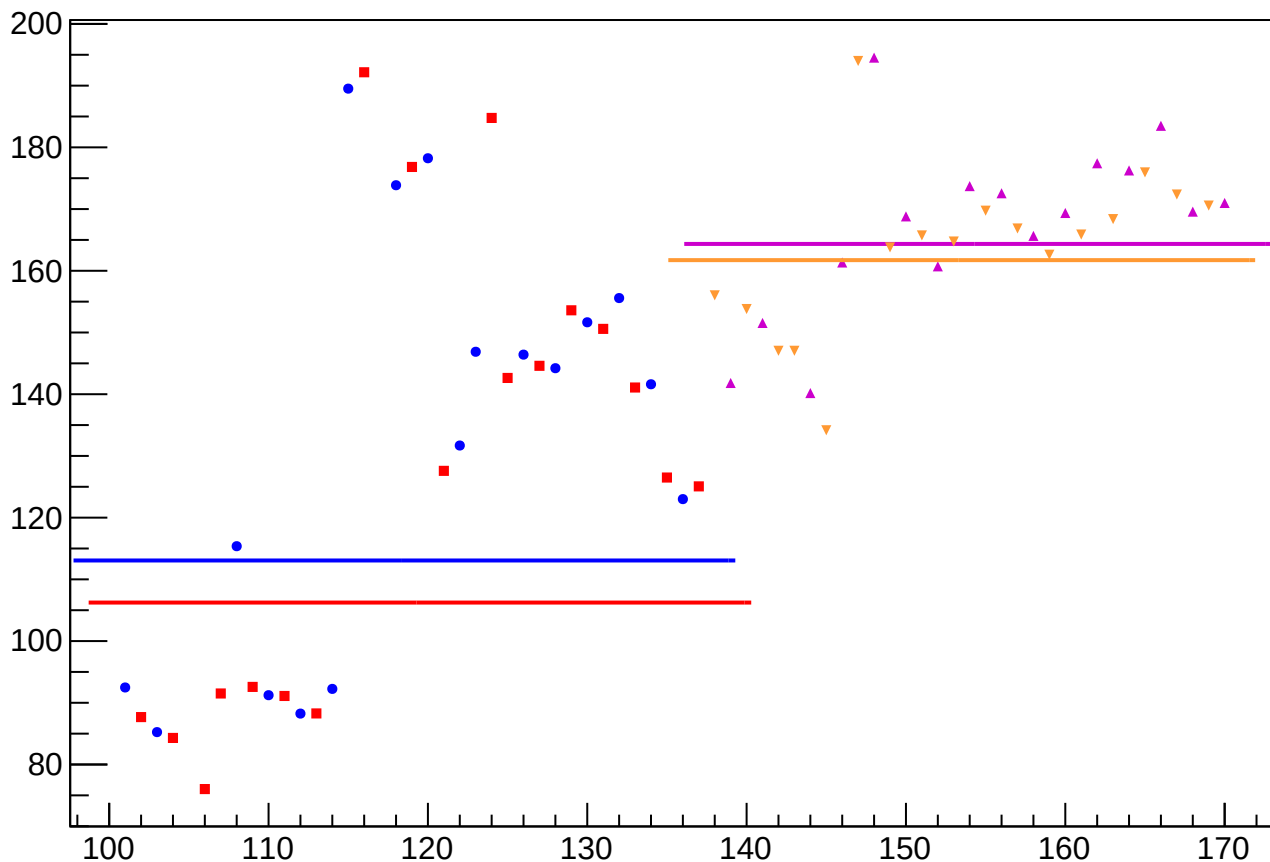
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 112.105 $\pm$ 32.402 χ^2/NDF : 35.2/32

Out: 120.926 $\pm$ 30.722 χ^2/NDF : 29.6/34

All: 116.750 $\pm$ 22.294 χ^2/NDF : 64.8/67

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 161.725 $\pm$ 0.032 χ^2/NDF :166381.9/16

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 164.350 $\pm$ 0.033 χ^2/NDF :184151.0/15

Left: 163.002 $\pm$ 0.023 χ^2/NDF : 353804.9/32

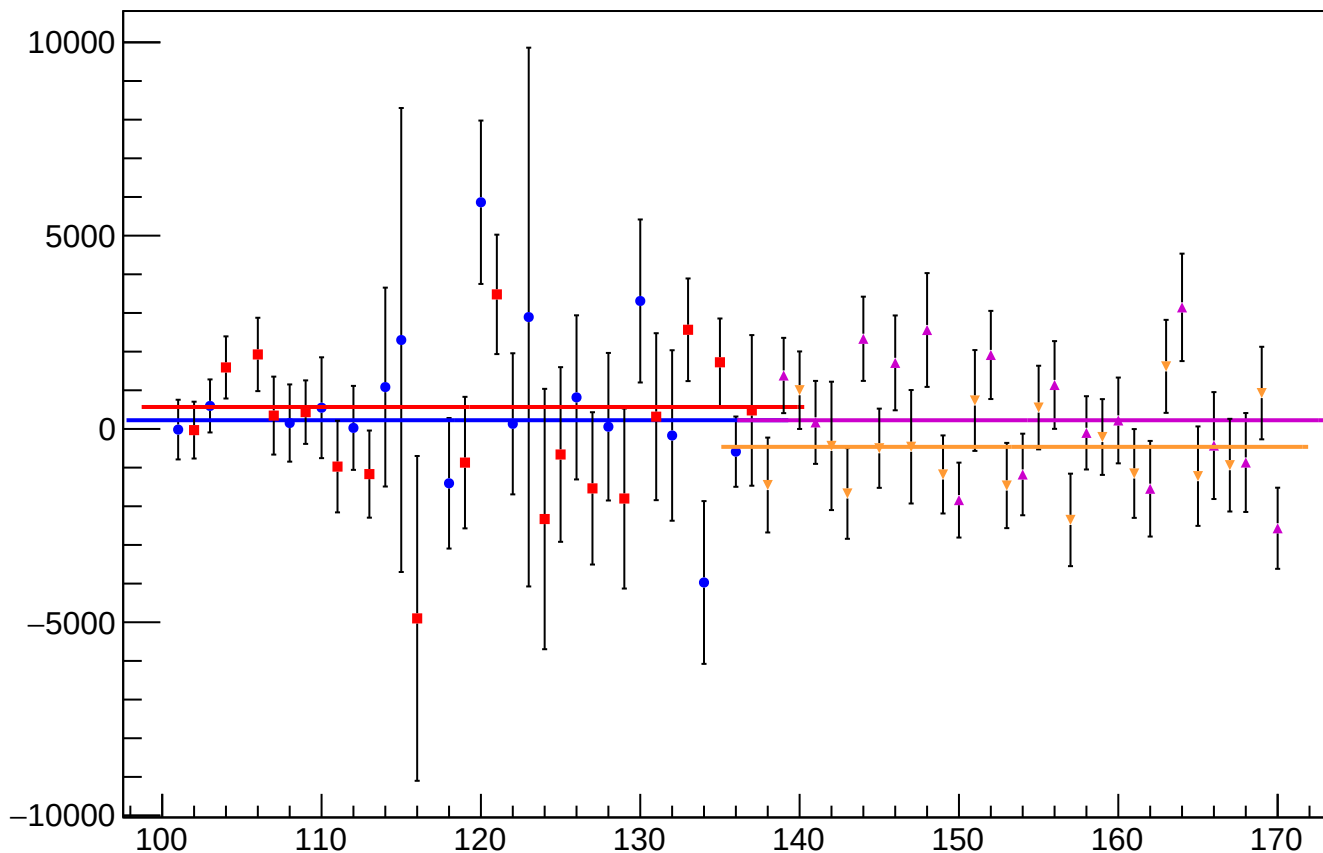
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 137.942 $\pm$ 0.023 χ^2/NDF :2256750.0/32

Out: 131.790 $\pm$ 0.022 χ^2/NDF :2738717.2/34

All: 134.702 $\pm$ 0.016 χ^2/NDF : 5033435.1/67

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -463.312 $\pm$ 281.718 χ^2 /NDF:14.7/16

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 225.014 $\pm$ 282.373 χ^2 /NDF:32.9/15

Left: -119.948 $\pm$ 199.436 χ^2 /NDF: 50.6/32

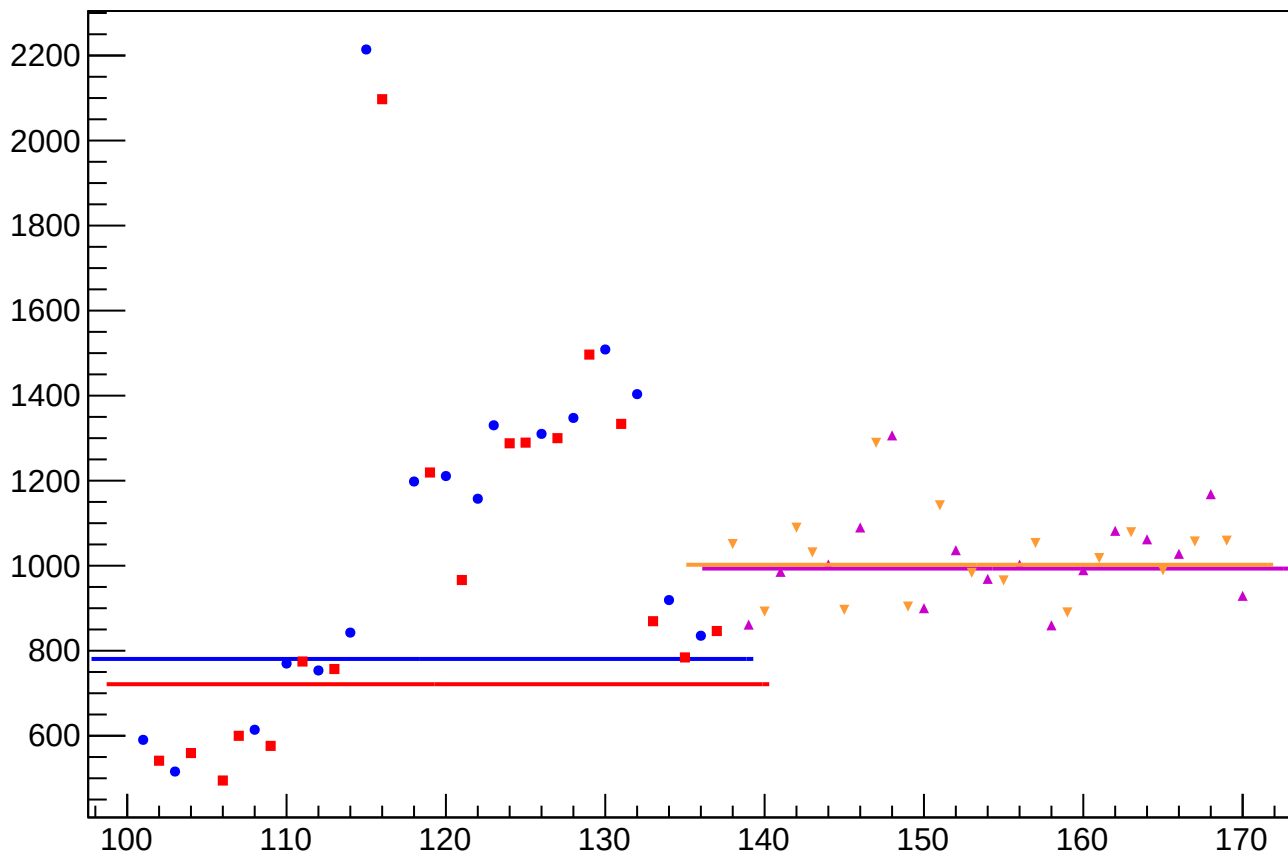
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 225.285 $\pm$ 212.135 χ^2 /NDF:48.9/32

Out: 36.573 $\pm$ 202.238 χ^2 /NDF:42.1/34

All: 126.424 $\pm$ 146.378 χ^2 /NDF: 91.4/67

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1002.219 $\pm$ 0.199 χ^2 /NDF:223843.6/16

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 993.259 $\pm$ 0.200 χ^2 /NDF:263596.2/15

Left: 997.749 $\pm$ 0.141 χ^2 /NDF: 488449.0/32

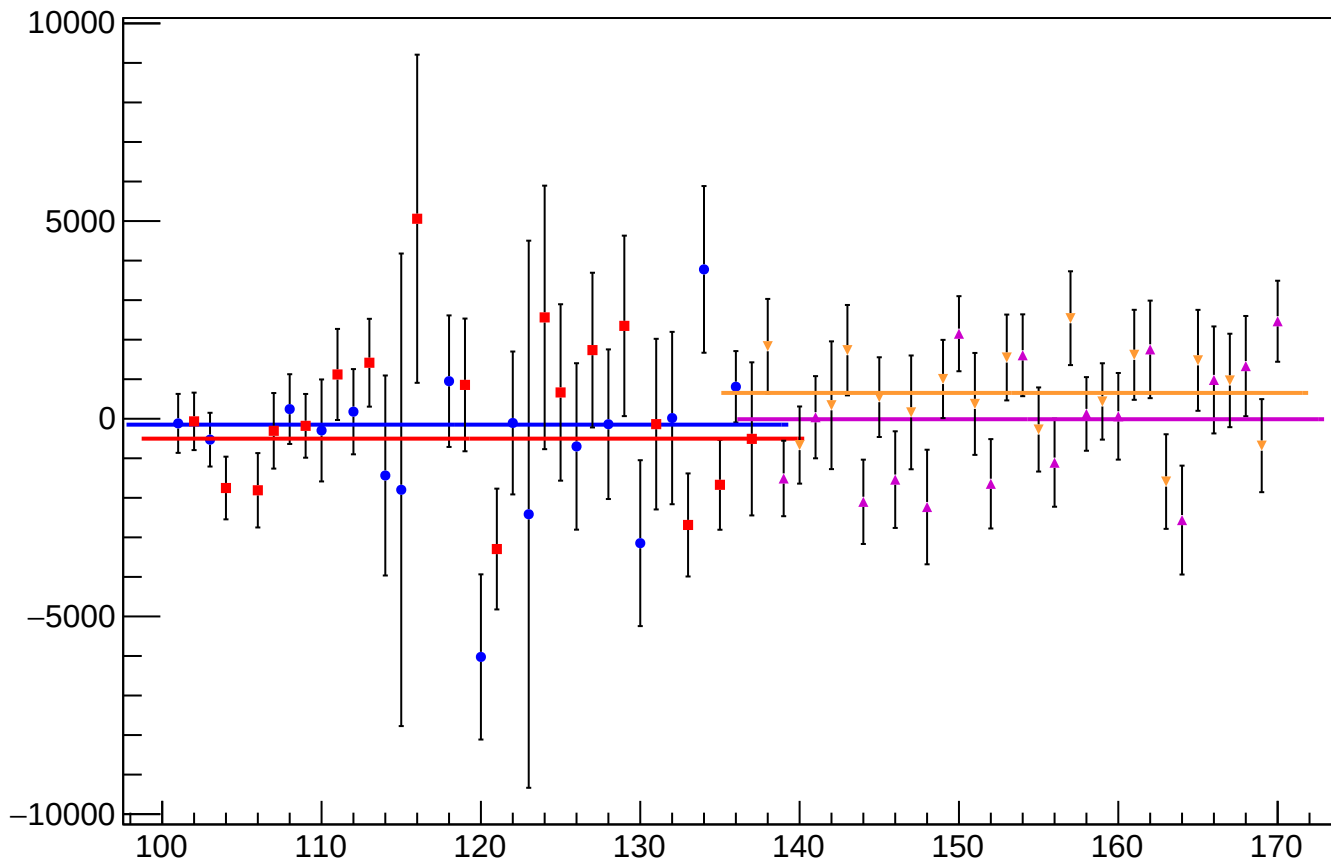
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 900.665 $\pm$ 0.150 χ^2 /NDF:2366780.9/32

Out: 866.052 $\pm$ 0.143 χ^2 /NDF:2814540.0/34

All: 882.532 $\pm$ 0.104 χ^2 /NDF: 5209215.3/67

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 653.339 ± 277.079 $\chi^2/\text{NDF}: 14.1/16$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -11.955 ± 277.661 $\chi^2/\text{NDF}: 33.9/15$

Left: 321.388 ± 196.130 $\chi^2/\text{NDF}: 50.9/32$

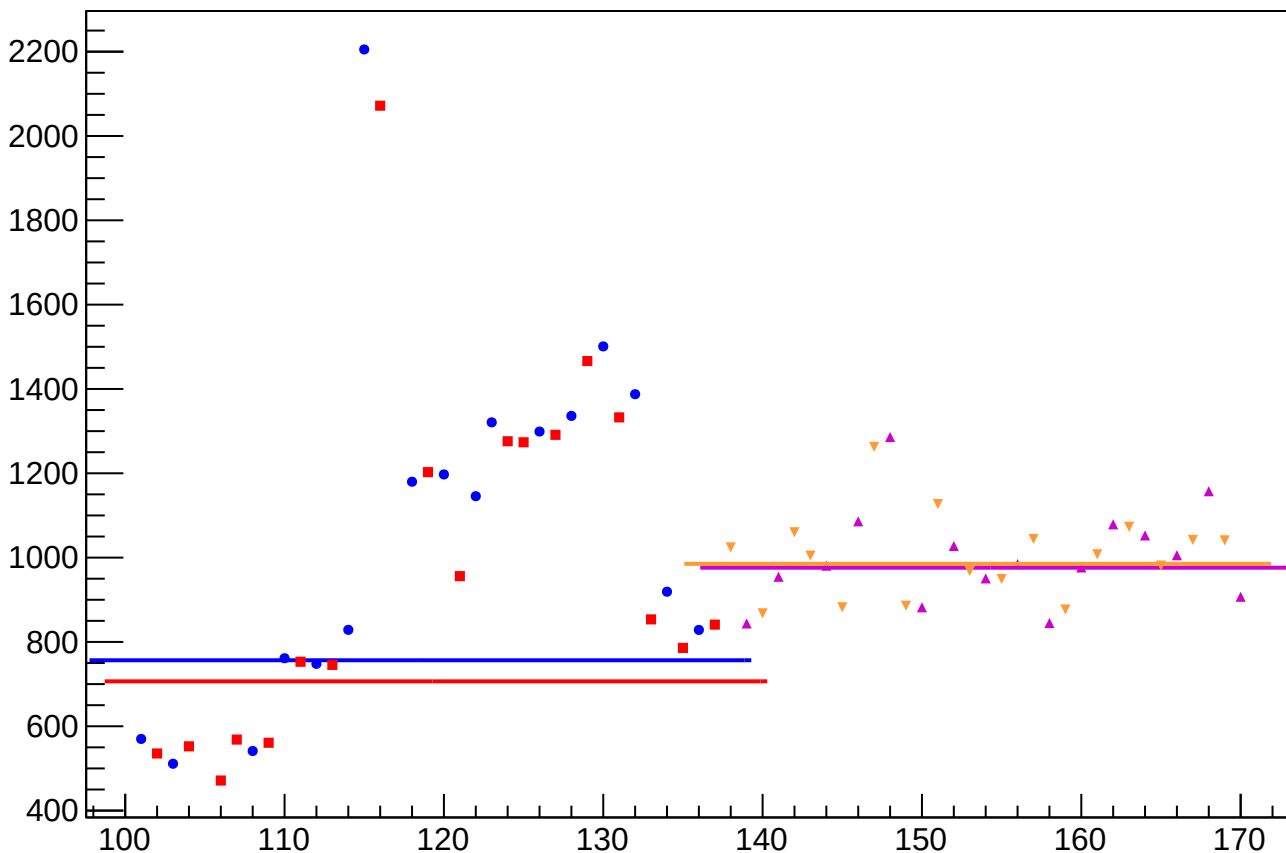
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -72.387 ± 207.700 $\chi^2/\text{NDF}: 50.2/32$

Out: 92.963 ± 198.930 $\chi^2/\text{NDF}: 46.1/34$

All: 13.852 ± 143.665 $\chi^2/\text{NDF}: 96.6/67$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 985.295+/-0.196 χ^2/NDF : 229123.1/16

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 976.099+/-0.196 χ^2/NDF : 282810.3/15

Left: 980.707+/-0.139 χ^2/NDF : 513032.7/32

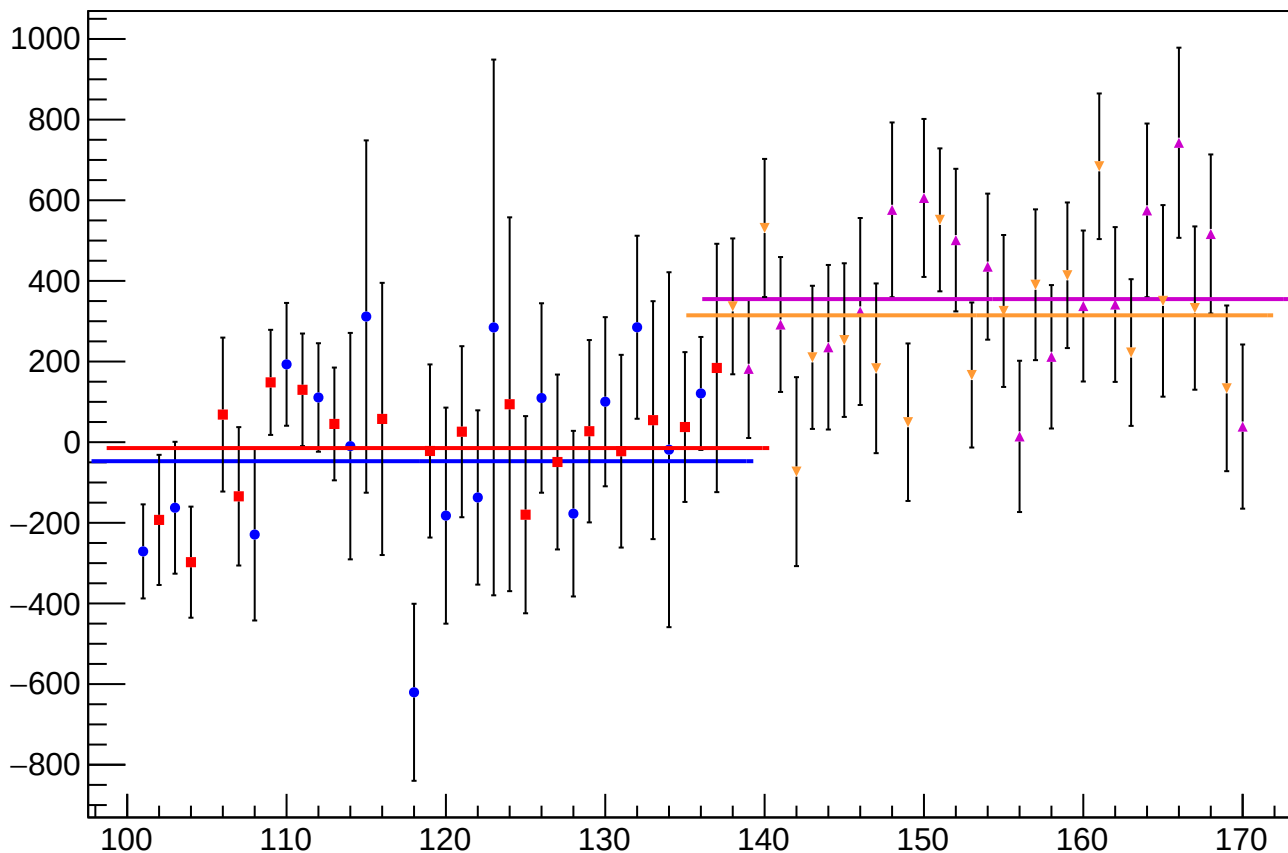
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 879.396+/-0.147 χ^2/NDF : 2547254.9/32

Out: 850.231+/-0.141 χ^2/NDF : 2879907.9/34

All: 864.184+/-0.102 χ^2/NDF : 5447729.9/67

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 314.642 ± 46.009 $\chi^2/\text{NDF}: 15.2/16$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 354.878 ± 48.385 $\chi^2/\text{NDF}: 15.9/15$

Left: 333.748 ± 33.341 $\chi^2/\text{NDF}: 31.5/32$

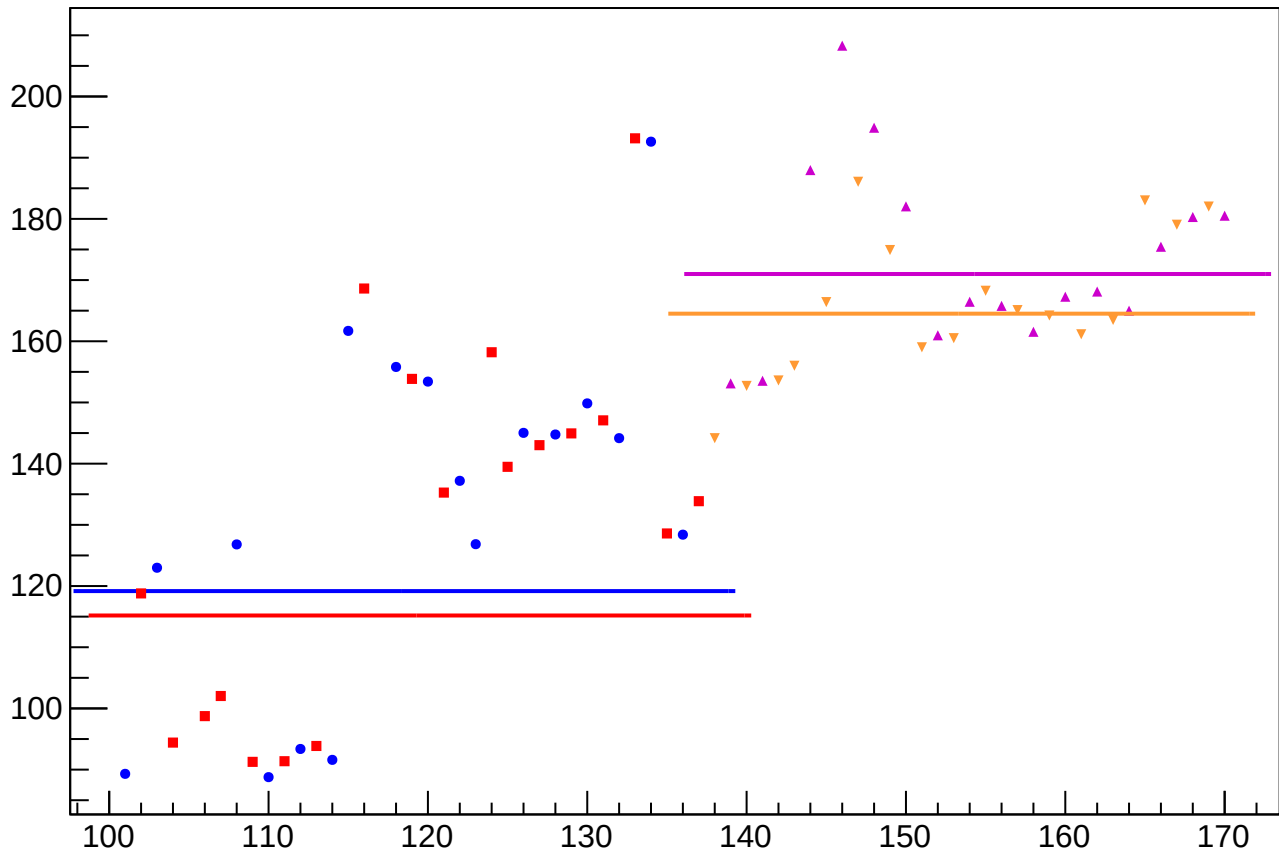
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 149.171 ± 33.812 $\chi^2/\text{NDF}: 73.1/32$

Out: 145.810 ± 32.115 $\chi^2/\text{NDF}: 51.6/34$

All: 147.404 ± 23.286 $\chi^2/\text{NDF}: 124.7/67$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 164.511 $\pm$ 0.033 χ^2 /NDF:115891.0/16

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 170.991 $\pm$ 0.034 χ^2 /NDF:166972.5/15

Left: 167.588 $\pm$ 0.024 χ^2 /NDF: 301705.3/32

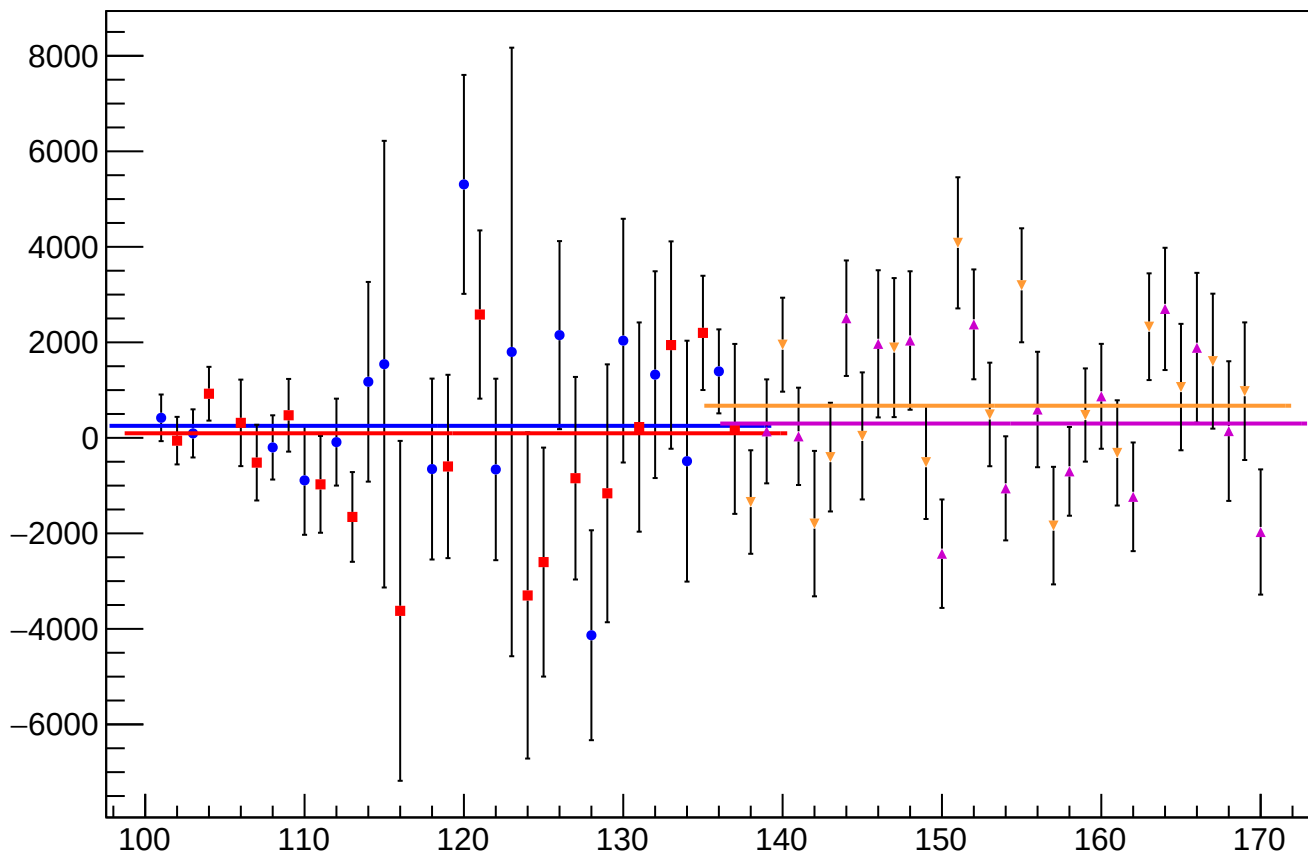
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 144.479 $\pm$ 0.024 χ^2 /NDF:1955912.0/32

Out: 139.220 $\pm$ 0.023 χ^2 /NDF:1970058.0/34

All: 141.714 $\pm$ 0.016 χ^2 /NDF: 3951405.5/67

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 672.906 $\pm$ 291.090 χ^2 /NDF:29.0/16

Right Out: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 299.854 $\pm$ 297.895 χ^2 /NDF:27.5/15

Left: 490.690 $\pm$ 208.196 χ^2 /NDF: 57.3/32

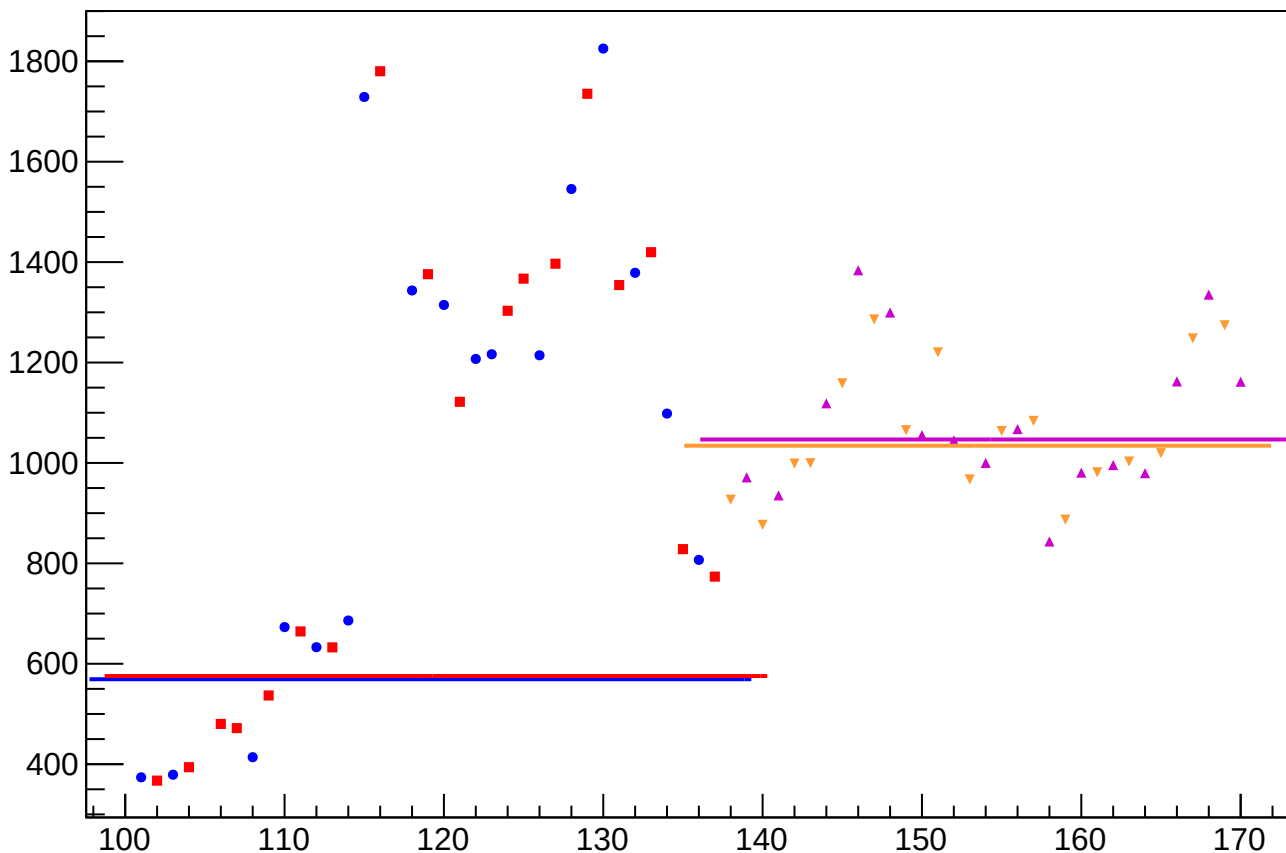
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 271.881 $\pm$ 192.758 χ^2 /NDF:42.4/32

Out: 335.958 $\pm$ 187.778 χ^2 /NDF:48.8/34

All: 304.758 $\pm$ 134.505 χ^2 /NDF: 91.2/67

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1034.308 $\pm$ 0.206 χ^2 /NDF: 354381.9/16

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1046.712 $\pm$ 0.211 χ^2 /NDF: 417839.8/15

Left: 1040.367 $\pm$ 0.147 χ^2 /NDF: 773995.6/32

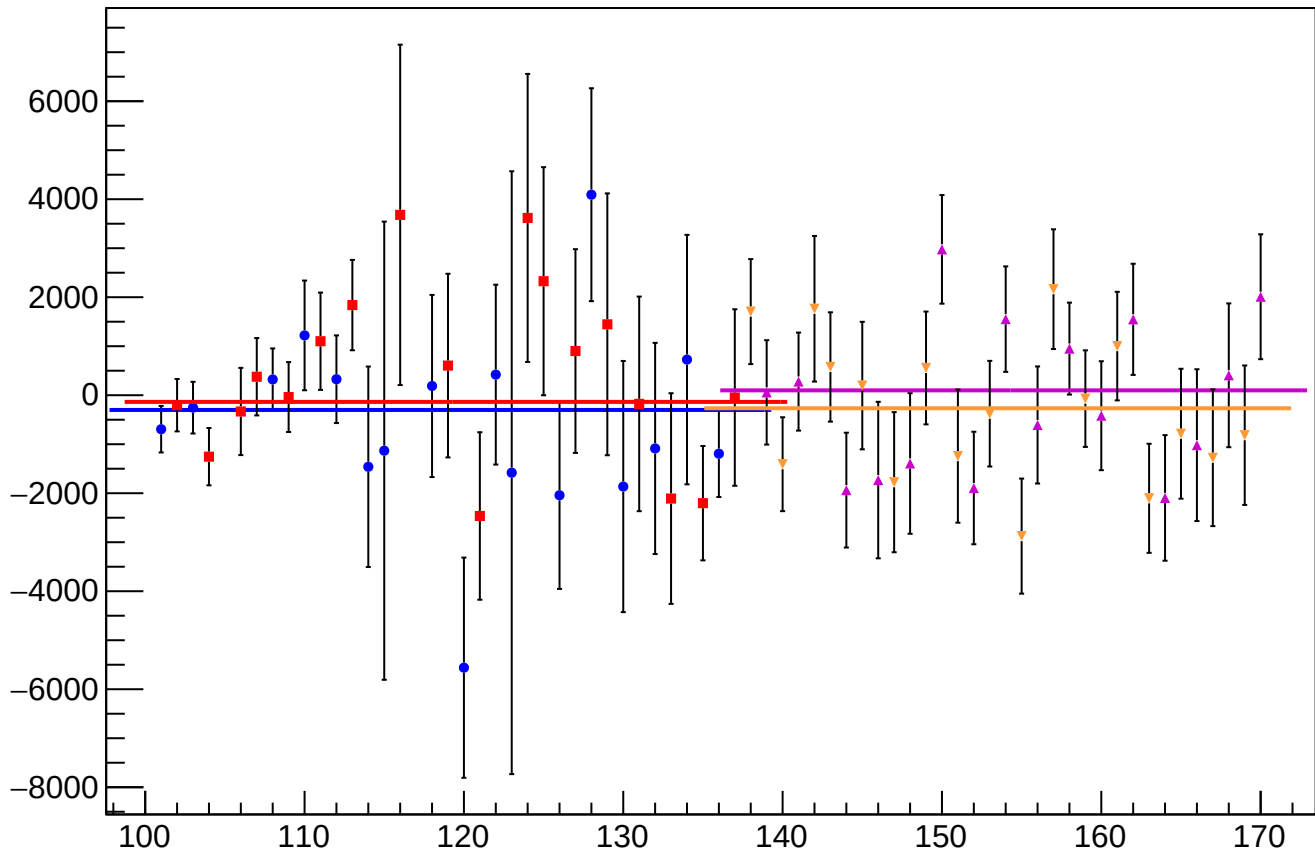
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 769.132 $\pm$ 0.136 χ^2 /NDF: 6672171.2/32

Out: 766.476 $\pm$ 0.133 χ^2 /NDF: 6312607.3/34

All: 767.769 $\pm$ 0.095 χ^2 /NDF: 12984973.3/67

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 $\pm$ 250.302 χ^2/NDF : 16.7/16

Left Out: -265.850 $\pm$ 287.746 χ^2/NDF : 23.3/16

Right Out: -136.107 $\pm$ 247.692 χ^2/NDF : 20.9/17

Left In: 99.097 $\pm$ 295.480 χ^2/NDF : 25.8/15

Left: -88.214 $\pm$ 206.147 χ^2/NDF : 49.9/32

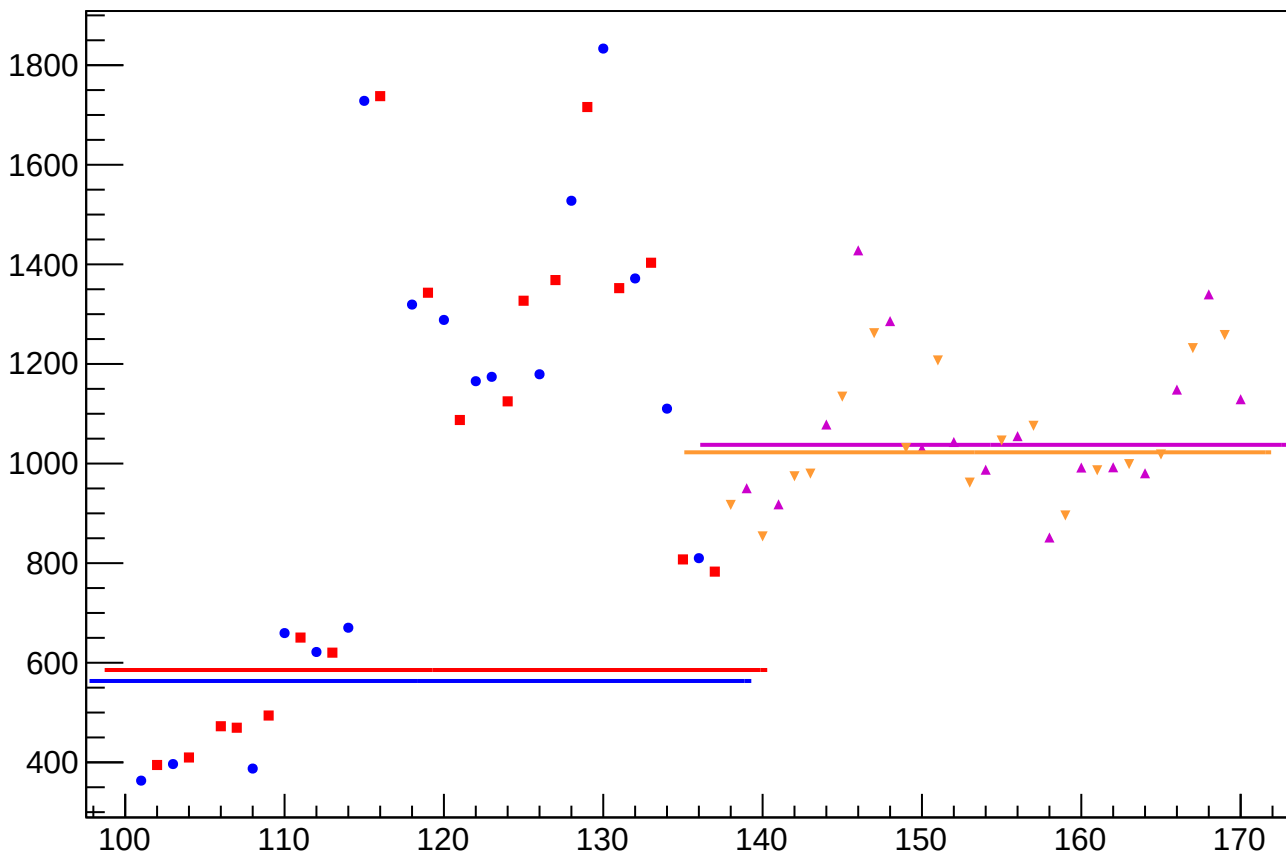
Right: -217.517 $\pm$ 176.060 χ^2/NDF : 37.8/34

In: -133.642 $\pm$ 190.988 χ^2/NDF : 43.6/32

Out: -191.327 $\pm$ 187.722 χ^2/NDF : 44.3/34

All: -162.982 $\pm$ 133.879 χ^2/NDF : 87.9/67

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1022.585 $\pm$ 0.203 χ^2 /NDF:341206.3/16

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1037.590 $\pm$ 0.209 χ^2 /NDF:423332.0/15

Left: 1029.889 $\pm$ 0.146 χ^2 /NDF: 767185.5/32

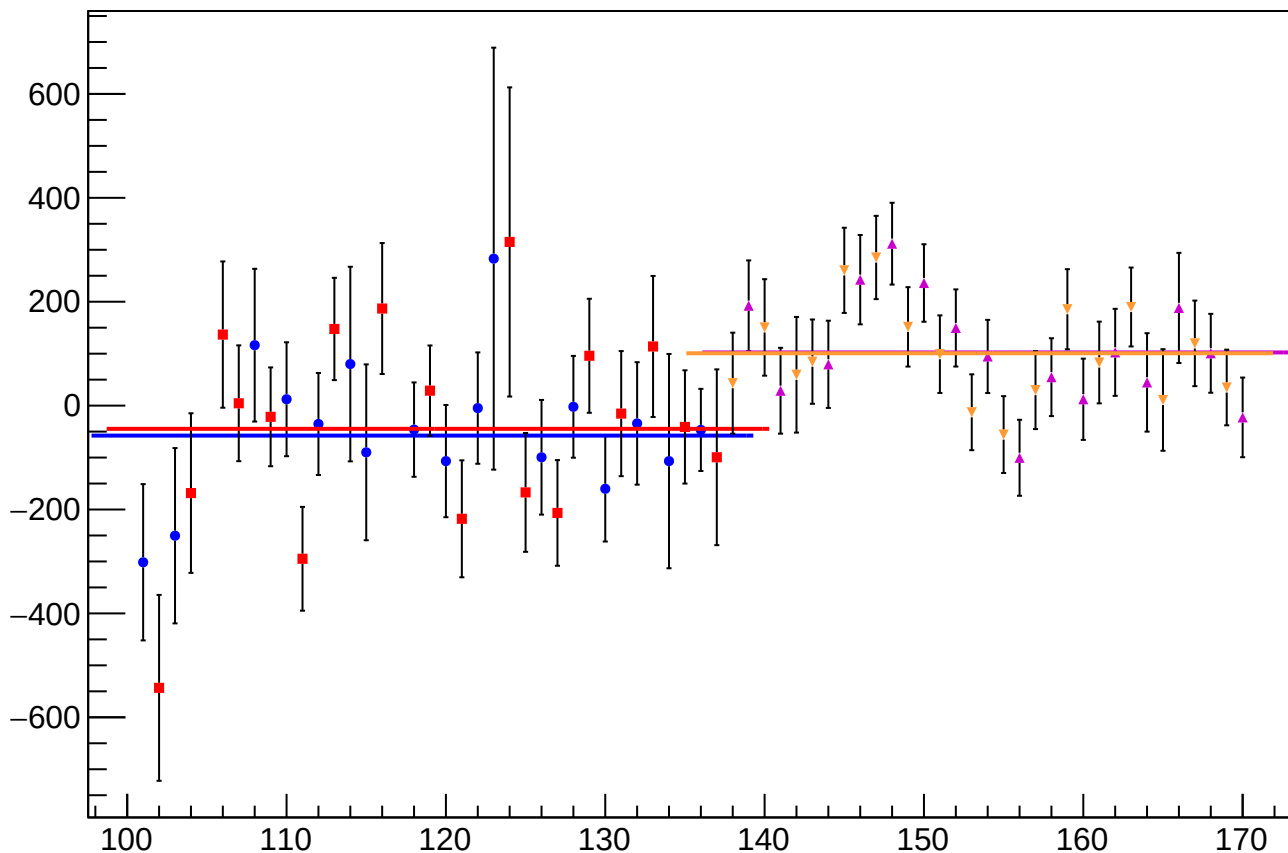
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 761.507 $\pm$ 0.135 χ^2 /NDF:6681356.5/32

Out: 771.492 $\pm$ 0.133 χ^2 /NDF:5810733.3/34

All: 766.586 $\pm$ 0.095 χ^2 /NDF: 12494870.6/67

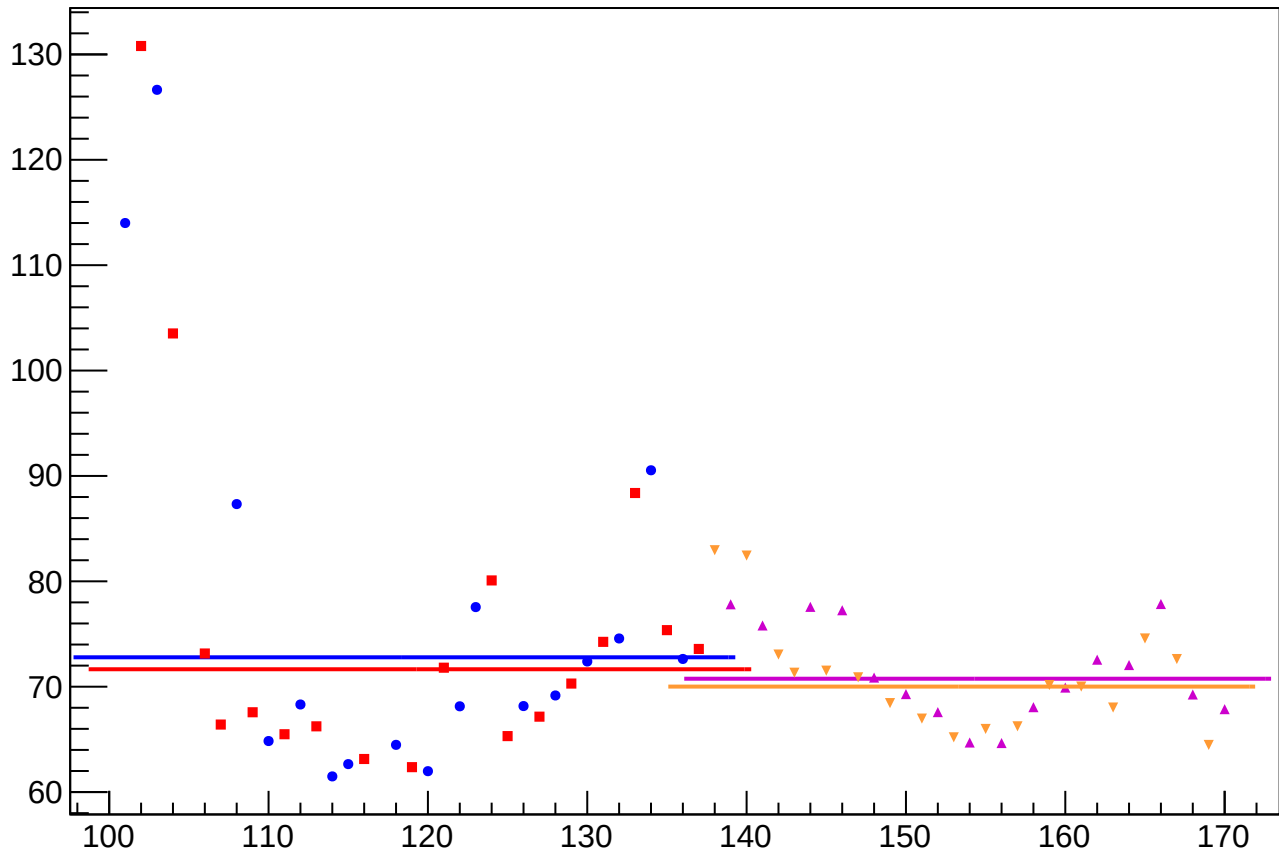
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 100.781 ± 19.608 $\chi^2/\text{NDF}: 22.5/16$
 Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$
 Left In: 102.386 ± 20.026 $\chi^2/\text{NDF}: 28.4/15$

Left: 101.566 ± 14.010 $\chi^2/\text{NDF}: 50.9/32$
 Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$
 In: 49.948 ± 16.422 $\chi^2/\text{NDF}: 58.5/32$
 Out: 52.247 ± 16.006 $\chi^2/\text{NDF}: 76.0/34$
 All: 51.127 ± 11.462 $\chi^2/\text{NDF}: 134.5/67$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 70.010+/-0.014 χ^2/NDF : 117395.4/16

Right Out: 71.655+/-0.020 χ^2/NDF : 404376.9/17

Left In: 70.757+/-0.014 χ^2/NDF : 94997.0/15

Left: 70.376+/-0.010 χ^2/NDF : 213810.9/32

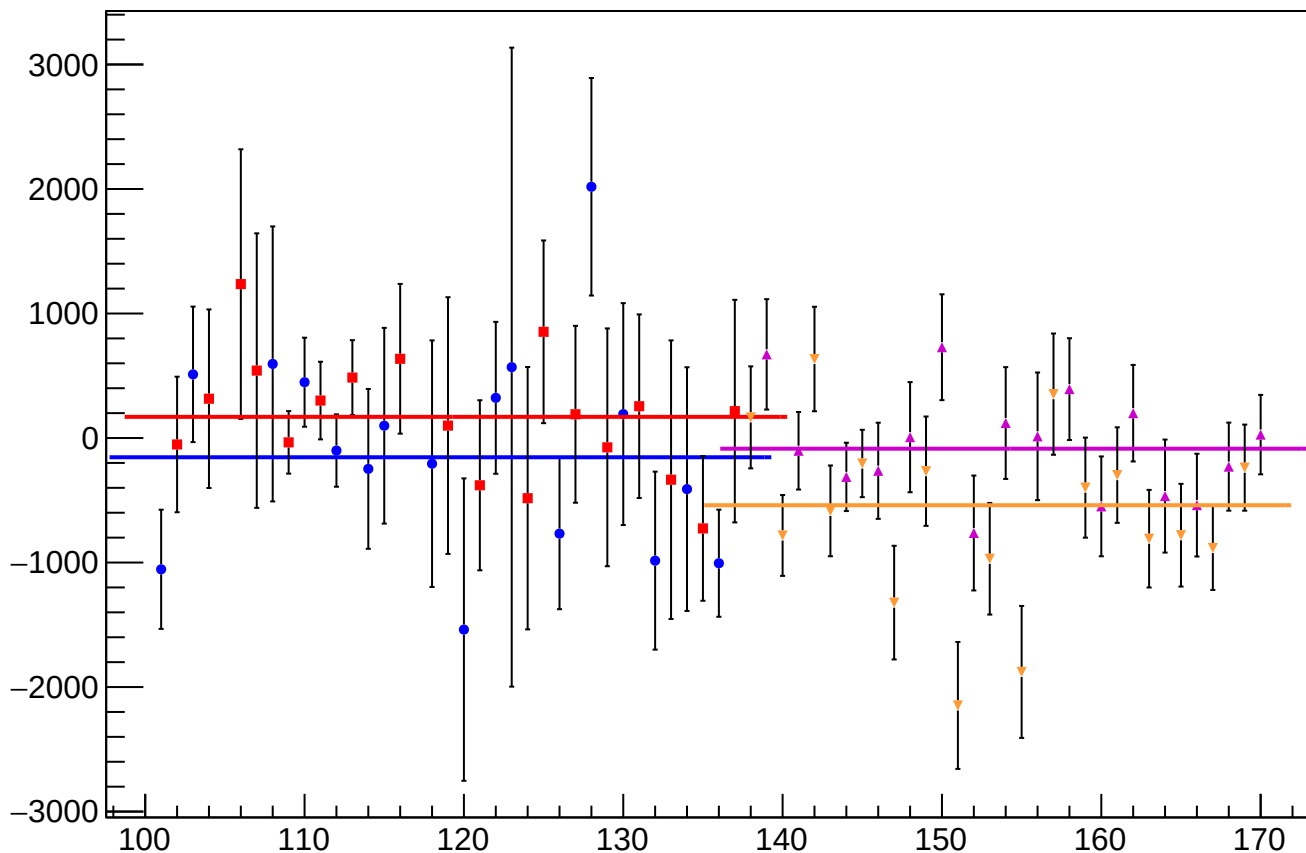
Right: 72.203+/-0.014 χ^2/NDF : 870767.9/34

In: 71.423+/-0.012 χ^2/NDF : 566522.4/32

Out: 70.559+/-0.011 χ^2/NDF : 526468.3/34

All: 70.980+/-0.008 χ^2/NDF : 1095826.8/67

asym_sam7_correction_mean vs Slug, Sign Corrected



Left: -317.337 $\pm$ 67.674 χ^2/NDF : 66.6/32

Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -107.649 $\pm$ 79.704 χ^2/NDF : 38.7/32

Out: -283.966 $\pm$ 75.762 χ^2/NDF : 68.6/34

All: -200.276 $\pm$ 54.912 χ^2/NDF : 109.9/67

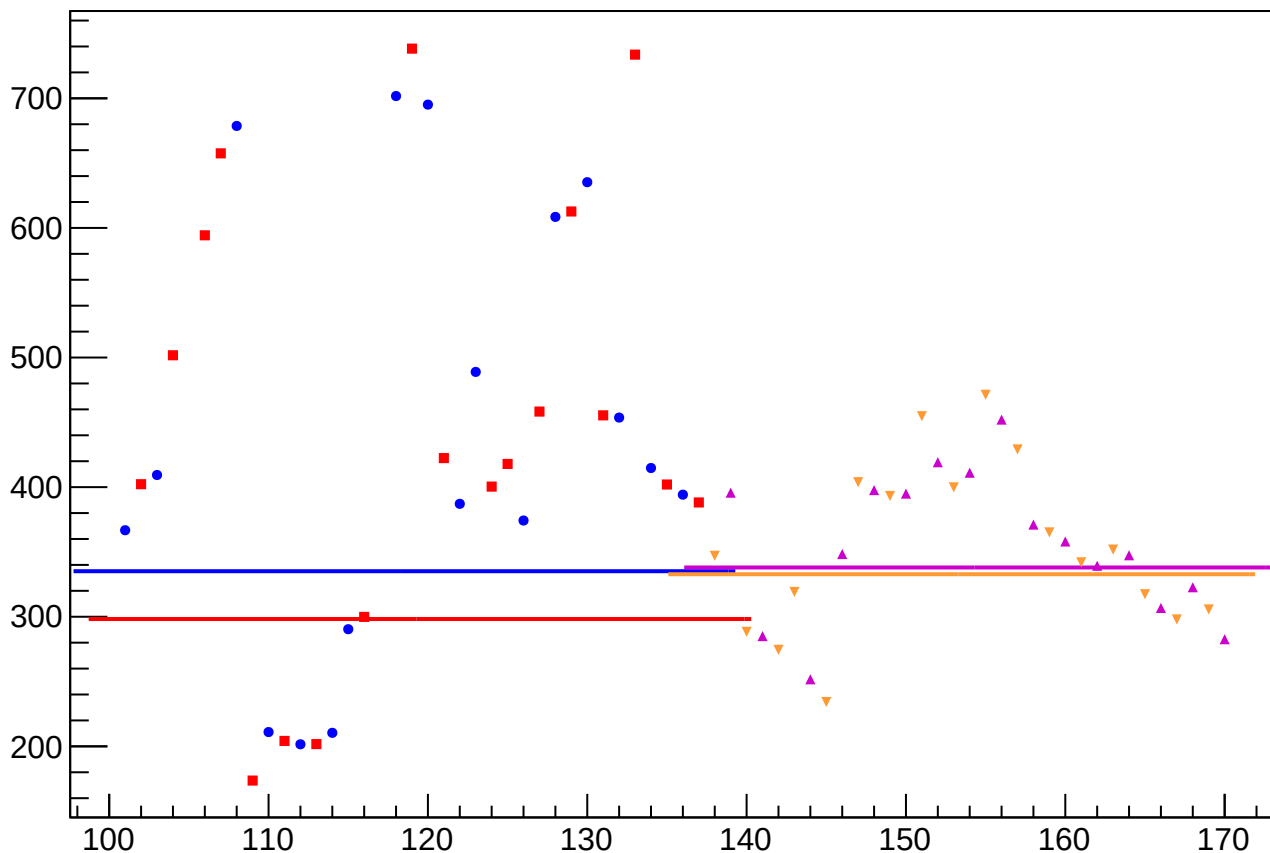
Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -539.648 $\pm$ 94.723 χ^2/NDF : 40.0/16

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -85.556 $\pm$ 96.719 χ^2/NDF : 15.4/15

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 332.798 $\pm$ 0.067 χ^2 /NDF: 862395.3/16

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 338.009 $\pm$ 0.068 χ^2 /NDF: 671711.4/15

Left: 335.349 $\pm$ 0.048 χ^2 /NDF: 1537070.2/32

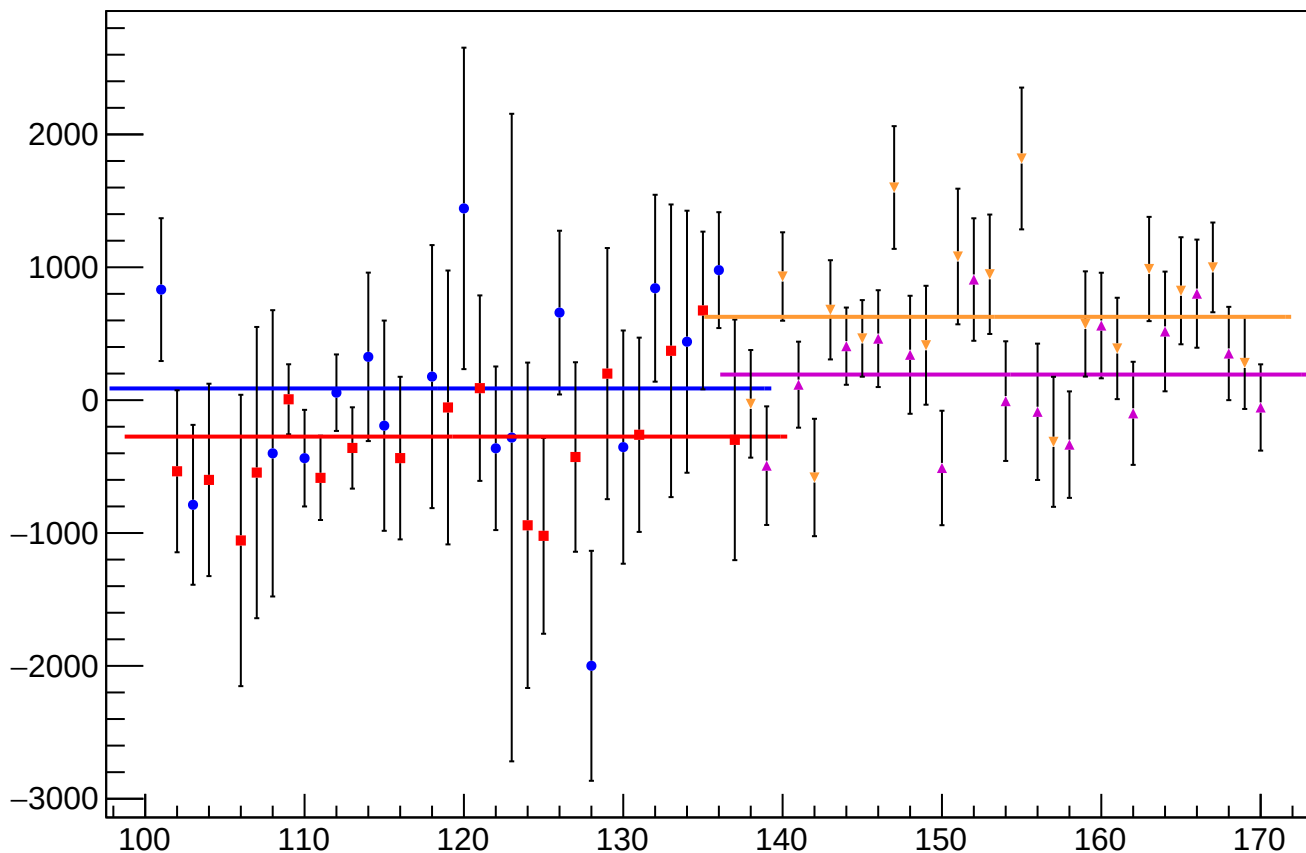
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 337.087 $\pm$ 0.056 χ^2 /NDF: 2666323.7/32

Out: 320.352 $\pm$ 0.054 χ^2 /NDF: 3734786.8/34

All: 328.295 $\pm$ 0.039 χ^2 /NDF: 6447425.9/67

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 627.051 ± 95.951 $\chi^2/\text{NDF}: 29.6/16$

Right Out: -274.340 ± 129.866 $\chi^2/\text{NDF}: 8.0/17$

Left In: 192.629 ± 97.316 $\chi^2/\text{NDF}: 15.9/15$

Left: 412.908 ± 68.325 $\chi^2/\text{NDF}: 55.6/32$

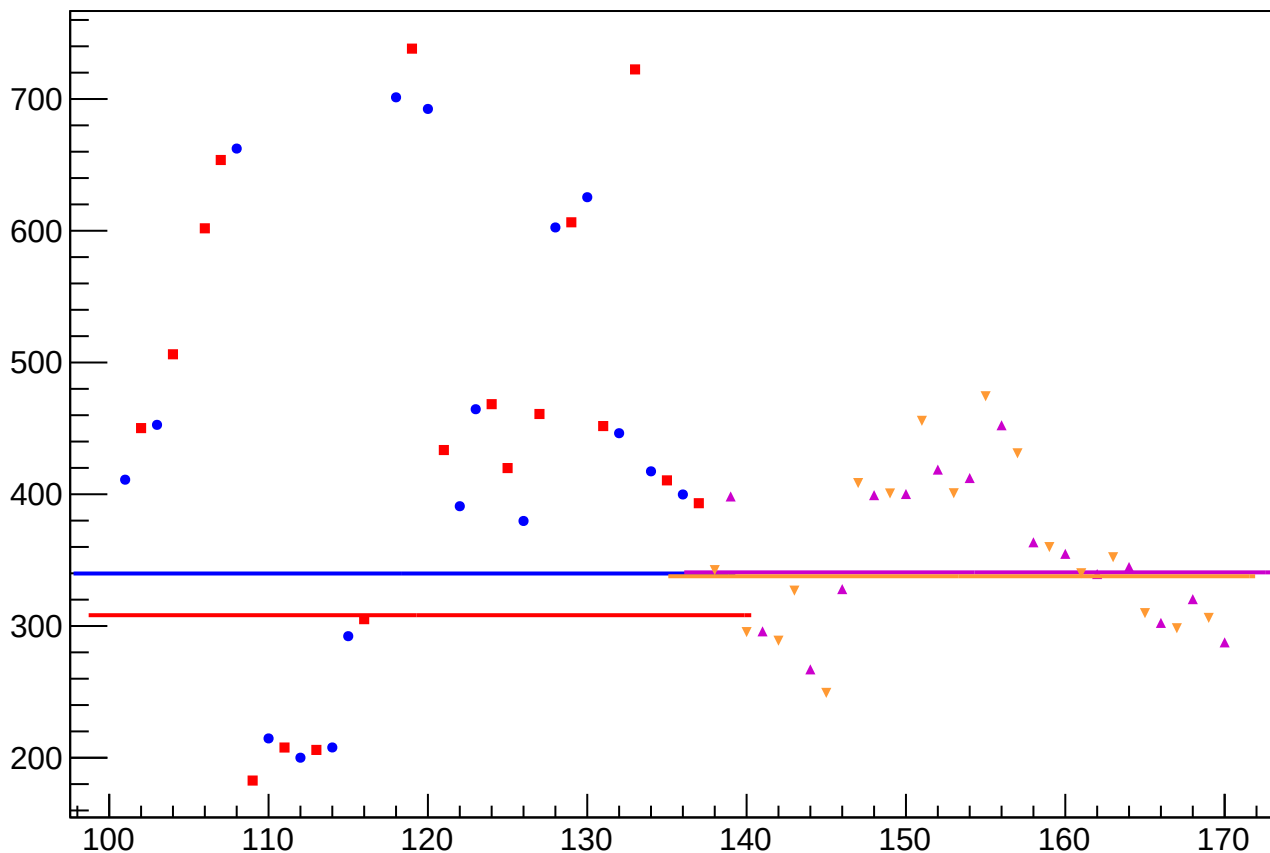
Right: -110.540 ± 96.143 $\chi^2/\text{NDF}: 32.4/34$

In: 159.553 ± 80.456 $\chi^2/\text{NDF}: 37.1/32$

Out: 308.747 ± 77.172 $\chi^2/\text{NDF}: 68.8/34$

All: 237.257 ± 55.694 $\chi^2/\text{NDF}: 107.7/67$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 337.760 $\pm$ 0.068 χ^2 /NDF: 746435.9/16

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 340.712 $\pm$ 0.069 χ^2 /NDF: 565062.3/15

Left: 339.215 $\pm$ 0.048 χ^2 /NDF: 1312431.5/32

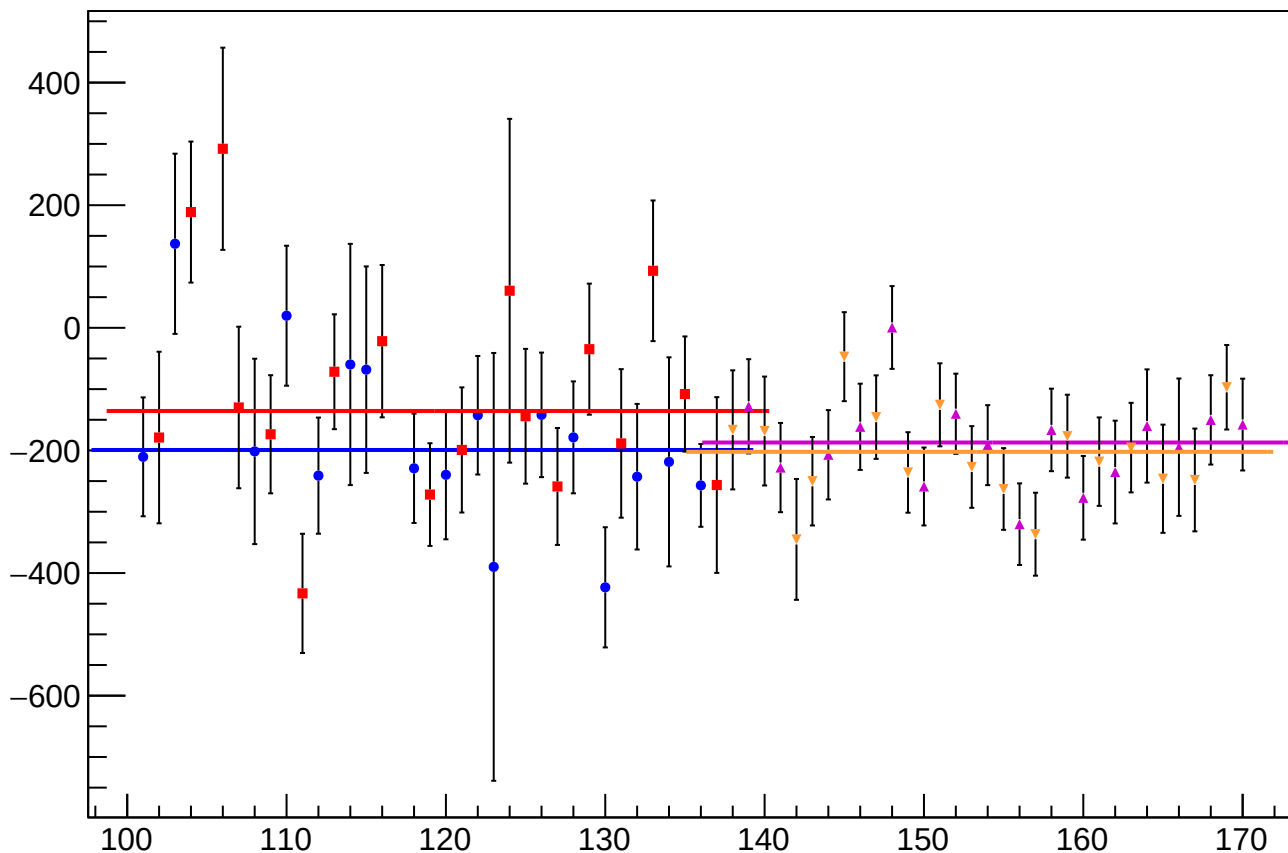
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 340.439 $\pm$ 0.057 χ^2 /NDF: 2608634.4/32

Out: 327.321 $\pm$ 0.055 χ^2 /NDF: 3512297.3/34

All: 333.607 $\pm$ 0.039 χ^2 /NDF: 6148622.8/67

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -202.272 ± 17.869 $\chi^2/\text{NDF}: 17.6/16$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -187.065 ± 18.102 $\chi^2/\text{NDF}: 17.3/15$

Left: -194.767 ± 12.717 $\chi^2/\text{NDF}: 35.3/32$

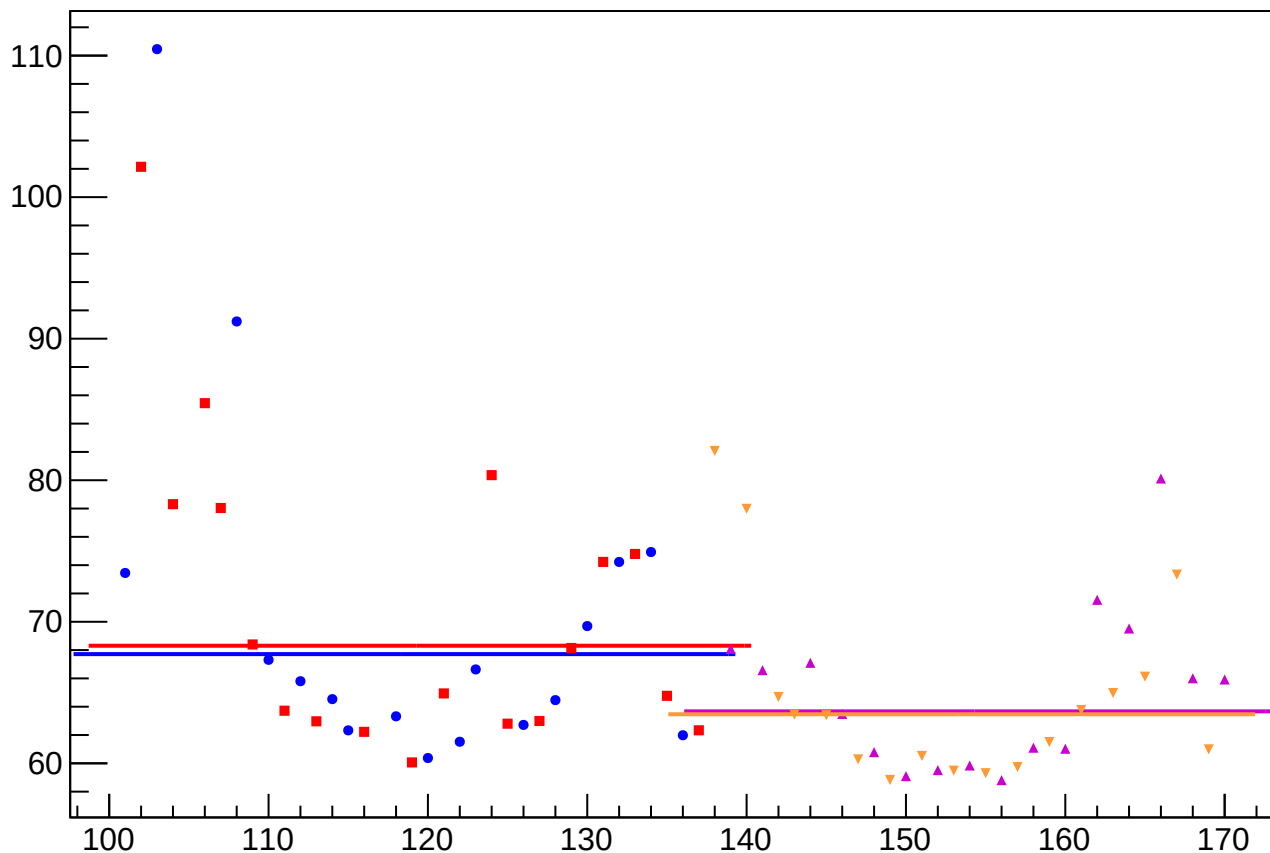
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -190.939 ± 14.950 $\chi^2/\text{NDF}: 35.1/32$

Out: -181.170 ± 14.772 $\chi^2/\text{NDF}: 58.7/34$

All: -185.996 ± 10.508 $\chi^2/\text{NDF}: 94.0/67$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.465 $\pm$ 0.013 χ^2 /NDF: 201027.6/16

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 63.672 $\pm$ 0.013 χ^2 /NDF: 132436.6/15

Left: 63.567 $\pm$ 0.009 χ^2 /NDF: 333595.7/32

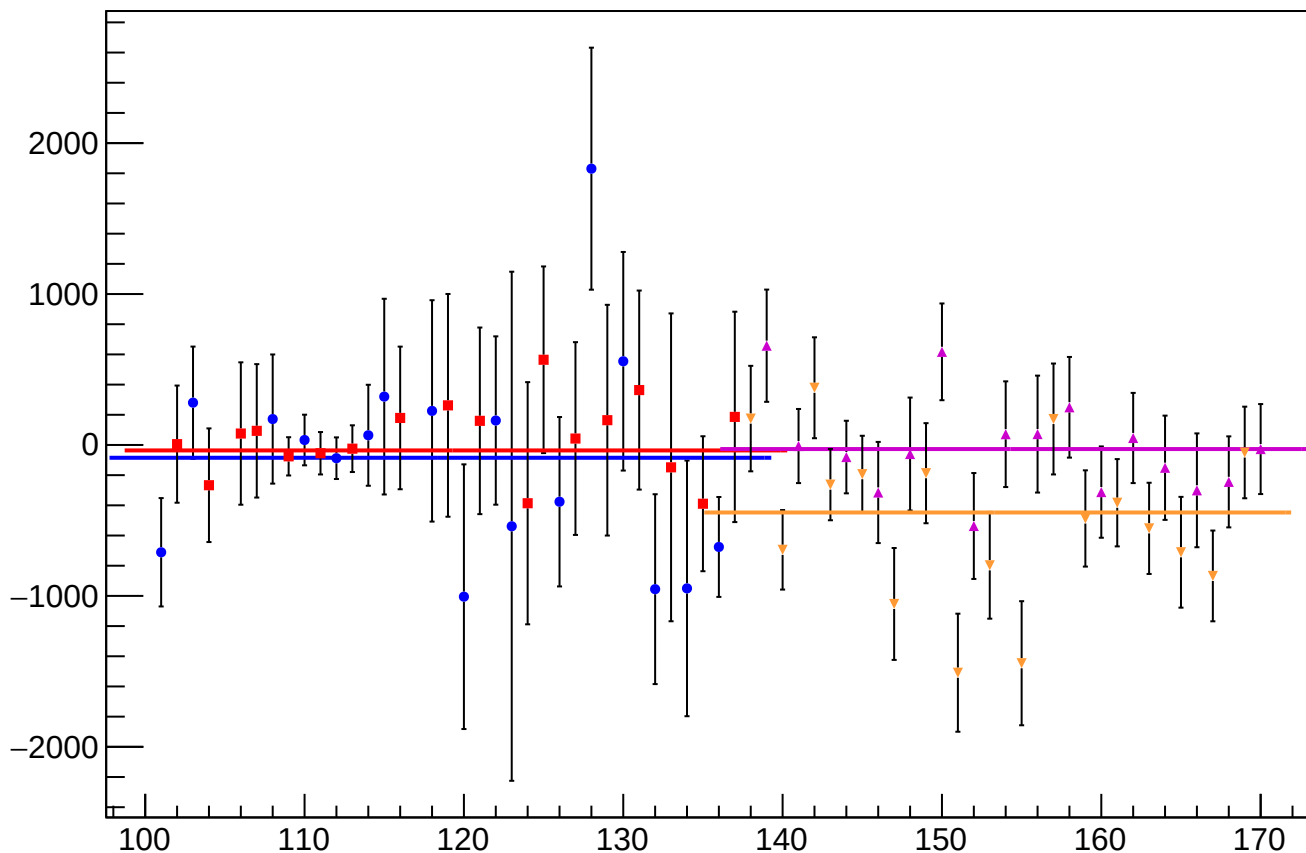
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 64.957 $\pm$ 0.011 χ^2 /NDF: 447057.4/32

Out: 64.999 $\pm$ 0.010 χ^2 /NDF: 481855.8/34

All: 64.978 $\pm$ 0.007 χ^2 /NDF: 928921.0/67

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2 /NDF: 19.9/16

Left Out: -447.364 $\pm$ 76.420 χ^2 /NDF:36.5/16

Right Out: -36.132 $\pm$ 69.750 χ^2 /NDF: 3.4/17

Left In: -27.033 $\pm$ 79.402 χ^2 /NDF:13.3/15

Left: -245.237 $\pm$ 55.061 χ^2 /NDF: 64.4/32

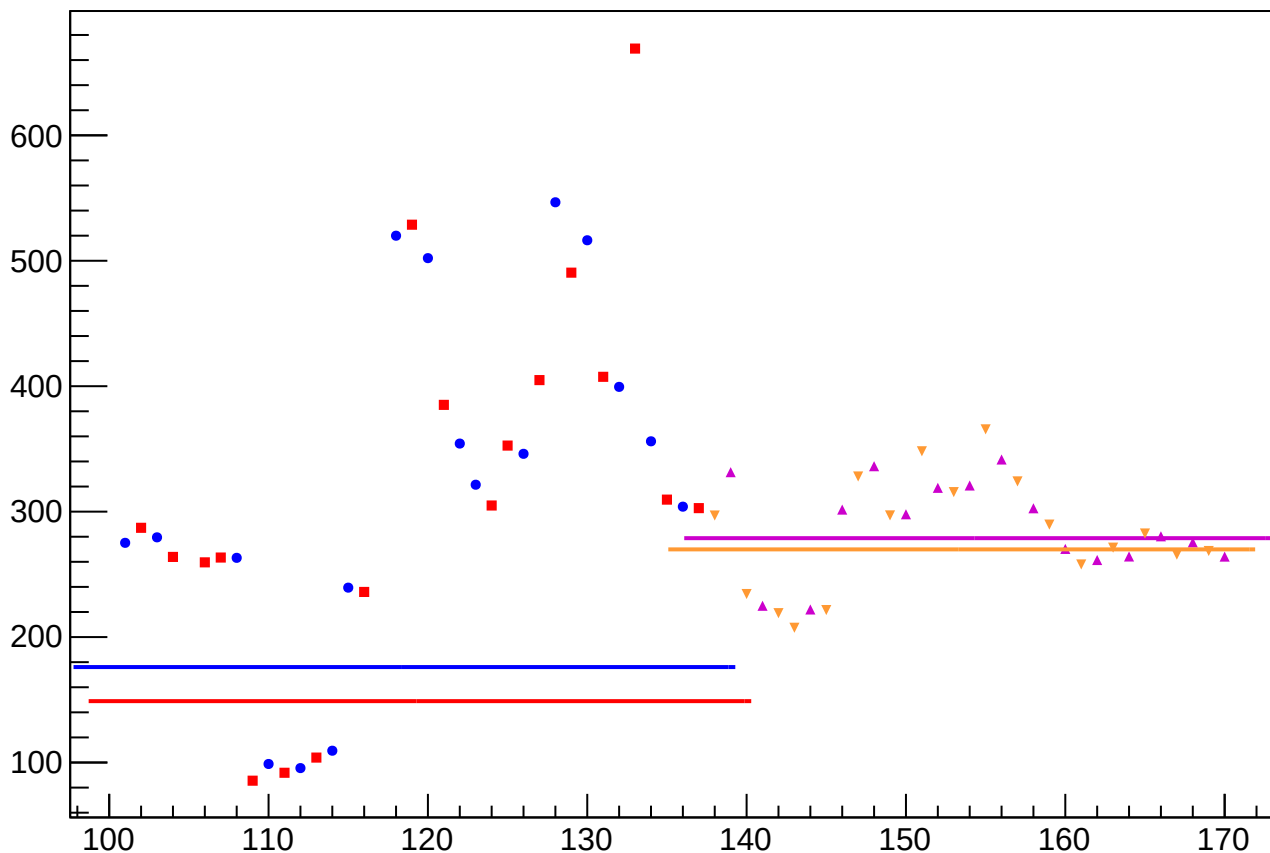
Right: -56.354 $\pm$ 53.310 χ^2 /NDF: 23.5/34

In: -54.733 $\pm$ 57.265 χ^2 /NDF:33.5/32

Out: -223.021 $\pm$ 51.518 χ^2 /NDF:55.8/34

All: -147.744 $\pm$ 38.300 χ^2 /NDF: 94.0/67

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.906+/-0.054 χ^2/NDF : 648557.2/16

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 278.850+/-0.056 χ^2/NDF : 446139.5/15

Left: 274.207+/-0.039 χ^2/NDF : 1107869.3/32

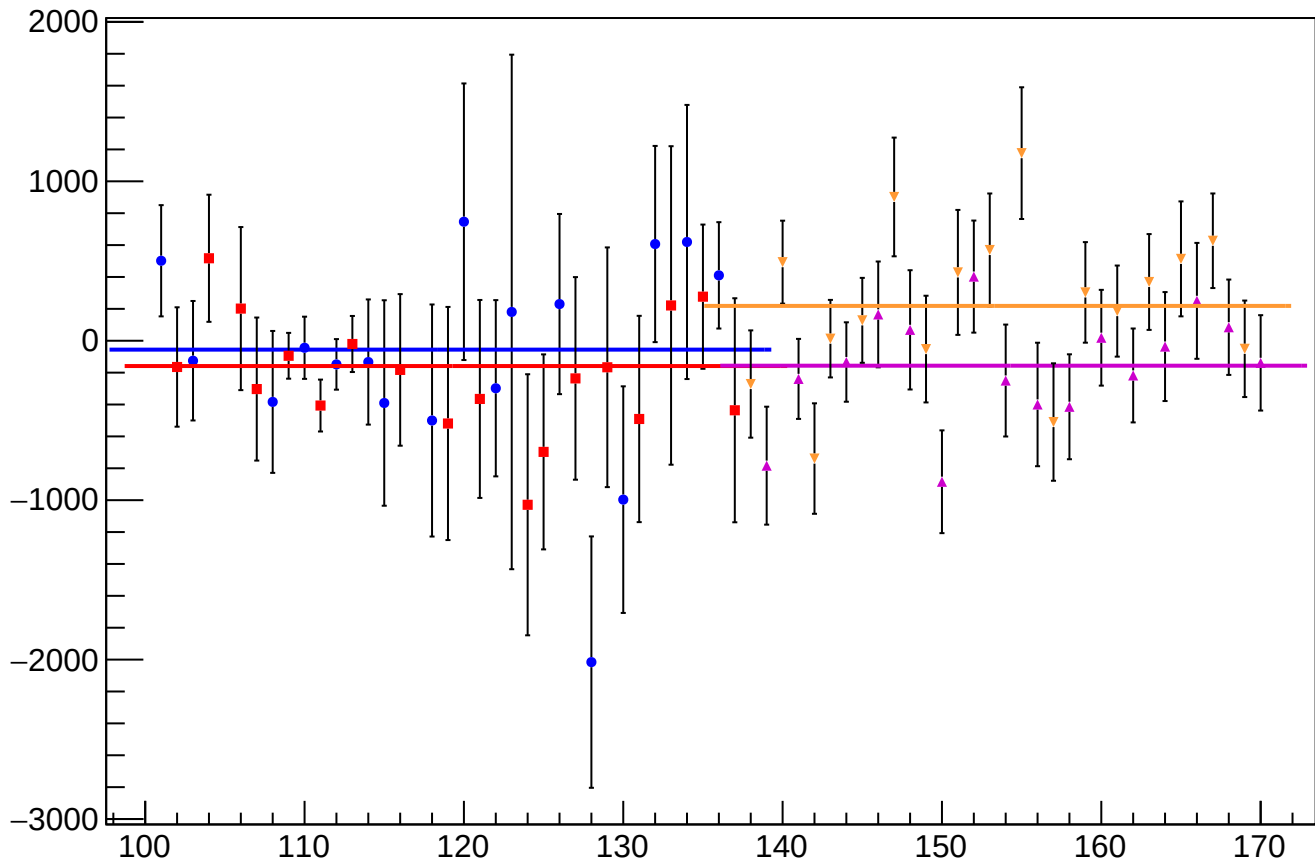
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 229.543+/-0.040 χ^2/NDF : 6277013.3/32

Out: 203.910+/-0.036 χ^2/NDF : 8153635.3/34

All: 215.376+/-0.027 χ^2/NDF : 14652123.9/67

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 218.547+/-76.662 χ^2/NDF : 30.0/16

Right Out: -158.676+/-77.072 χ^2/NDF : 10.4/17

Left In: -156.492+/-79.463 χ^2/NDF : 15.4/15

Left: 37.754+/-55.172 χ^2/NDF : 56.9/32

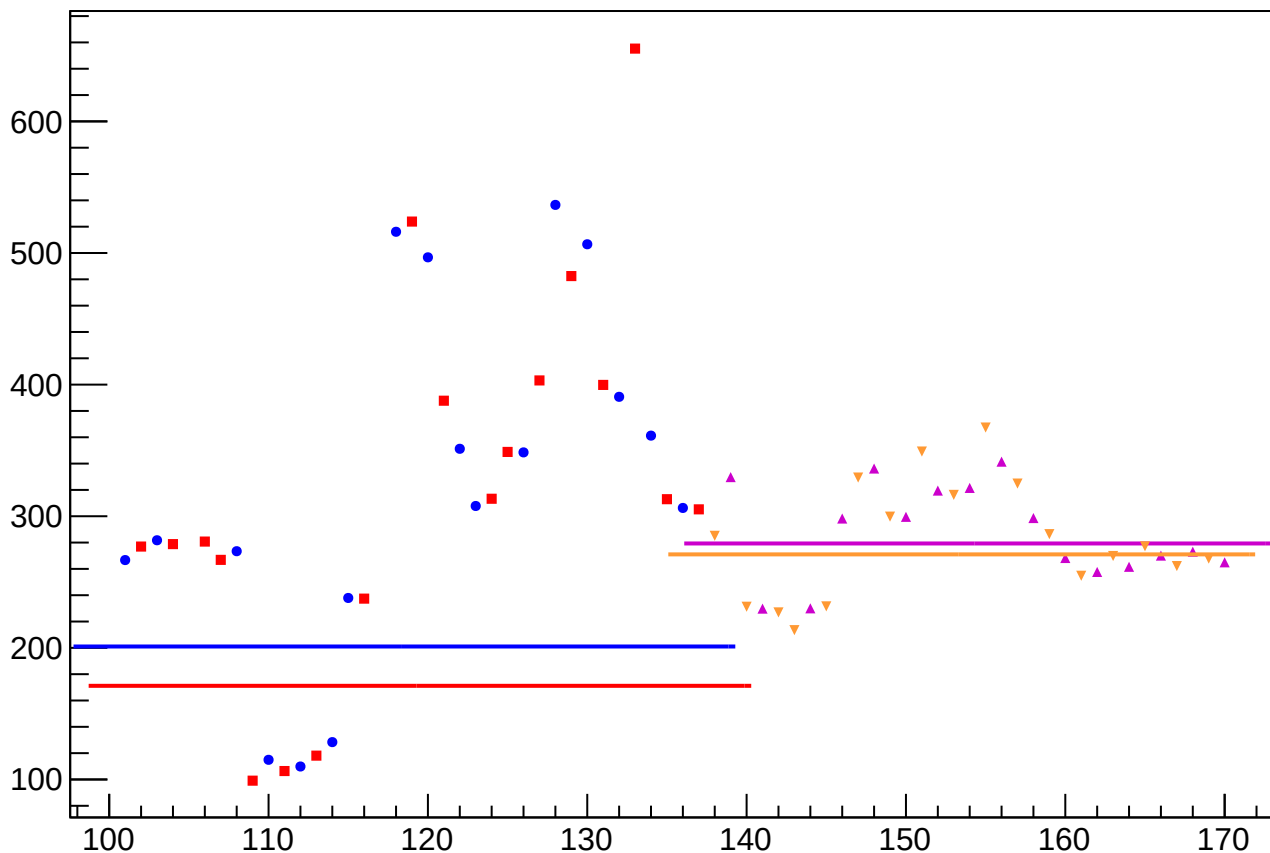
Right: -115.437+/-58.697 χ^2/NDF : 28.3/34

In: -112.663+/-59.733 χ^2/NDF : 33.3/32

Out: 30.942+/-54.353 χ^2/NDF : 52.4/34

All: -34.104+/-40.201 χ^2/NDF : 88.8/67

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.020 $\pm$ 0.054 χ^2/NDF : 580008.0/16

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 279.311 $\pm$ 0.056 χ^2/NDF : 393062.3/15

Left: 275.017 $\pm$ 0.039 χ^2/NDF : 984348.3/32

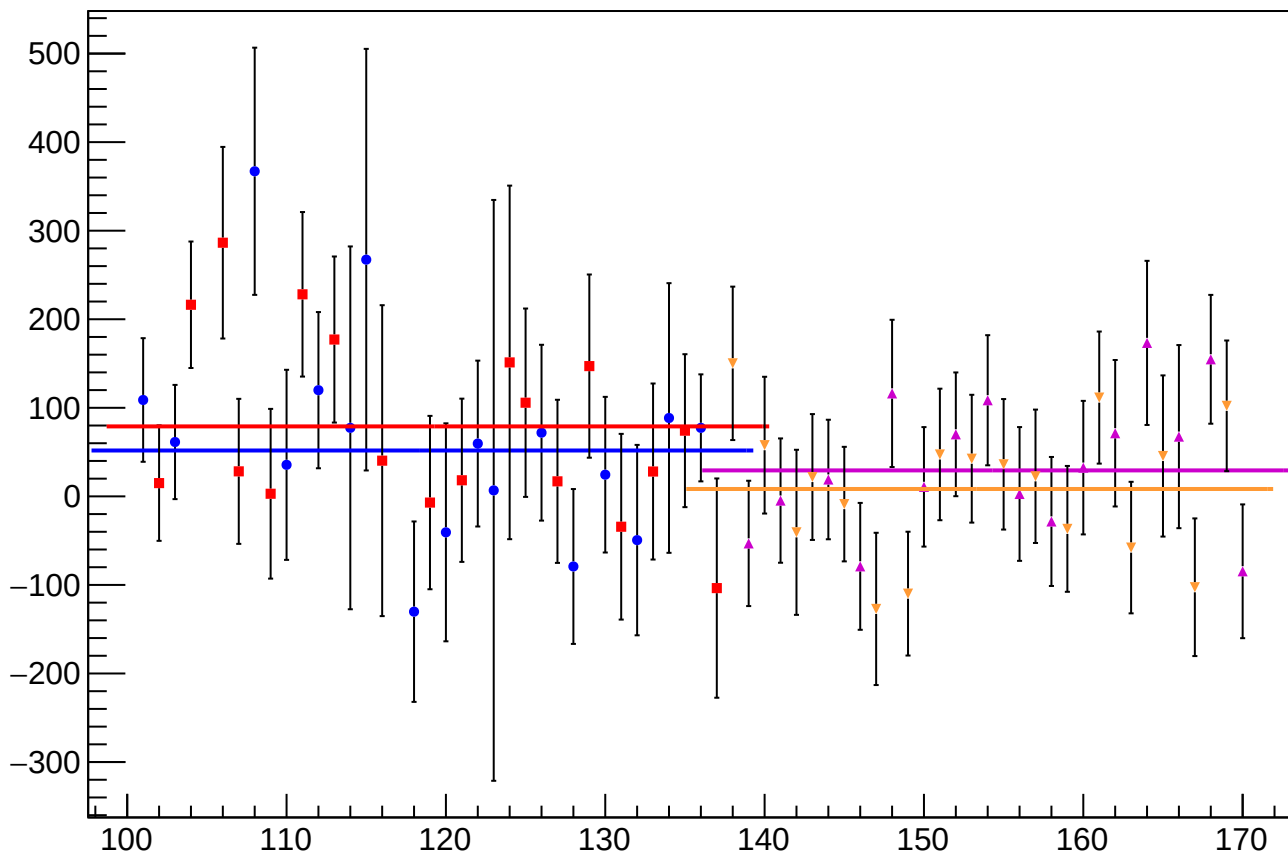
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 245.266 $\pm$ 0.042 χ^2/NDF : 4670159.3/32

Out: 221.356 $\pm$ 0.038 χ^2/NDF : 6333348.8/34

All: 232.186 $\pm$ 0.028 χ^2/NDF : 11178818.9/67

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: 8.338 $\pm$ 18.392 χ^2 /NDF:16.4/16

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 29.322 $\pm$ 18.792 χ^2 /NDF:15.4/15

Left: 18.604 $\pm$ 13.144 χ^2 /NDF: 32.5/32

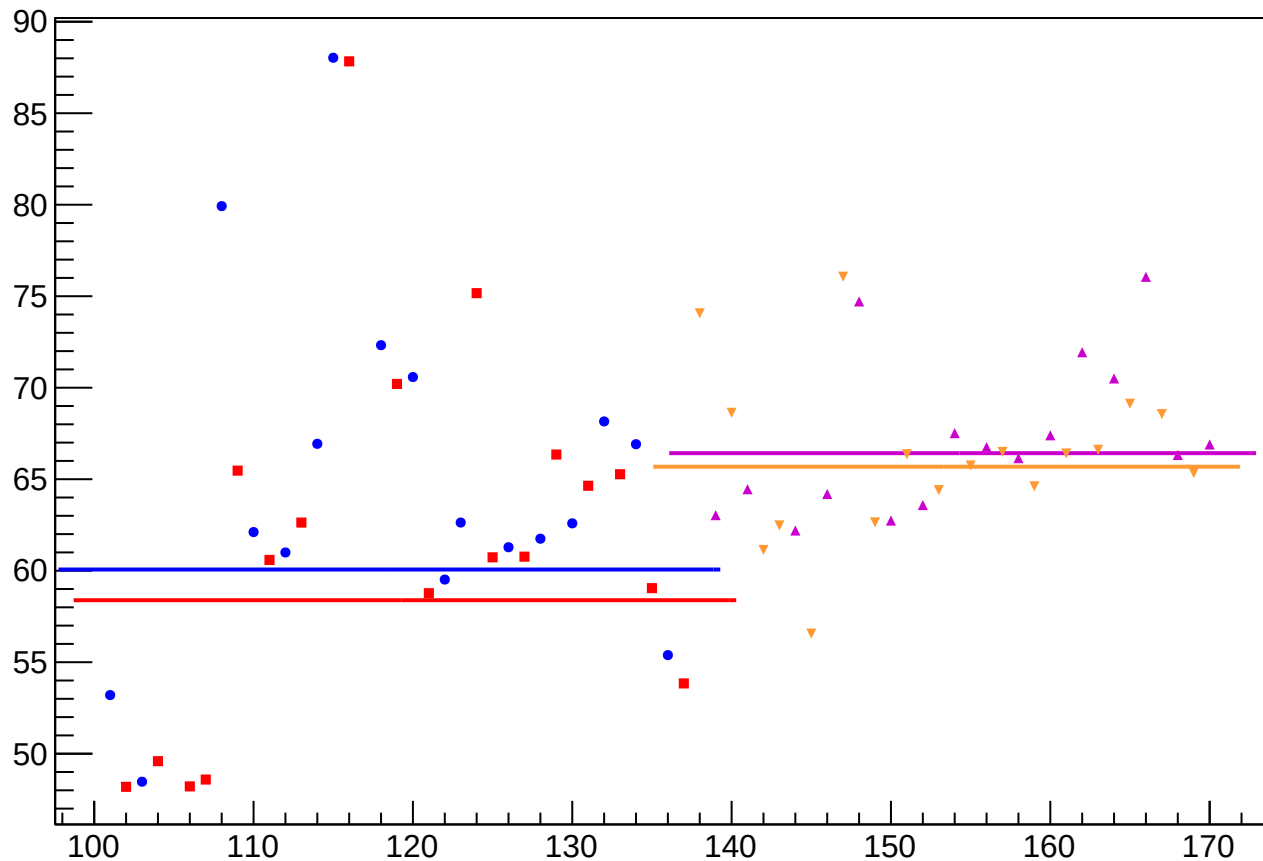
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 38.072 $\pm$ 14.686 χ^2 /NDF:30.5/32

Out: 36.646 $\pm$ 14.240 χ^2 /NDF:41.3/34

All: 37.337 $\pm$ 10.223 χ^2 /NDF: 71.8/67

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: 65.683 $\pm$ 0.013 χ^2 /NDF: 110815.1/16

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 66.424 $\pm$ 0.013 χ^2 /NDF: 76167.7/15

Left: 66.045 $\pm$ 0.009 χ^2 /NDF: 188569.6/32

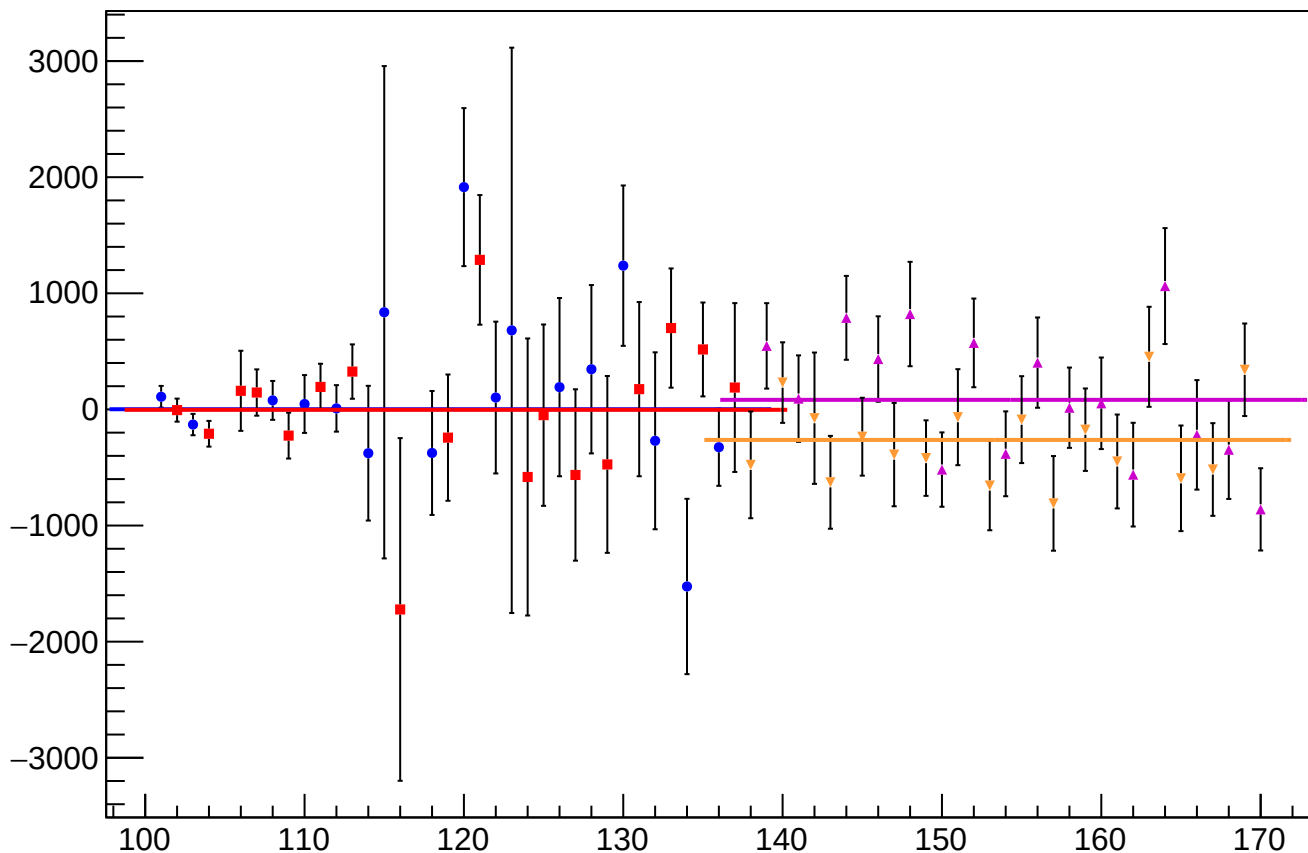
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 63.948 $\pm$ 0.010 χ^2 /NDF: 394391.2/32

Out: 62.760 $\pm$ 0.010 χ^2 /NDF: 511898.1/34

All: 63.336 $\pm$ 0.007 χ^2 /NDF: 913035.7/67

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -262.621+/-96.033 χ^2/NDF :13.1/16

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 82.517+/-96.593 χ^2/NDF :31.0/15

Left: -91.055+/-68.103 χ^2/NDF : 50.5/32

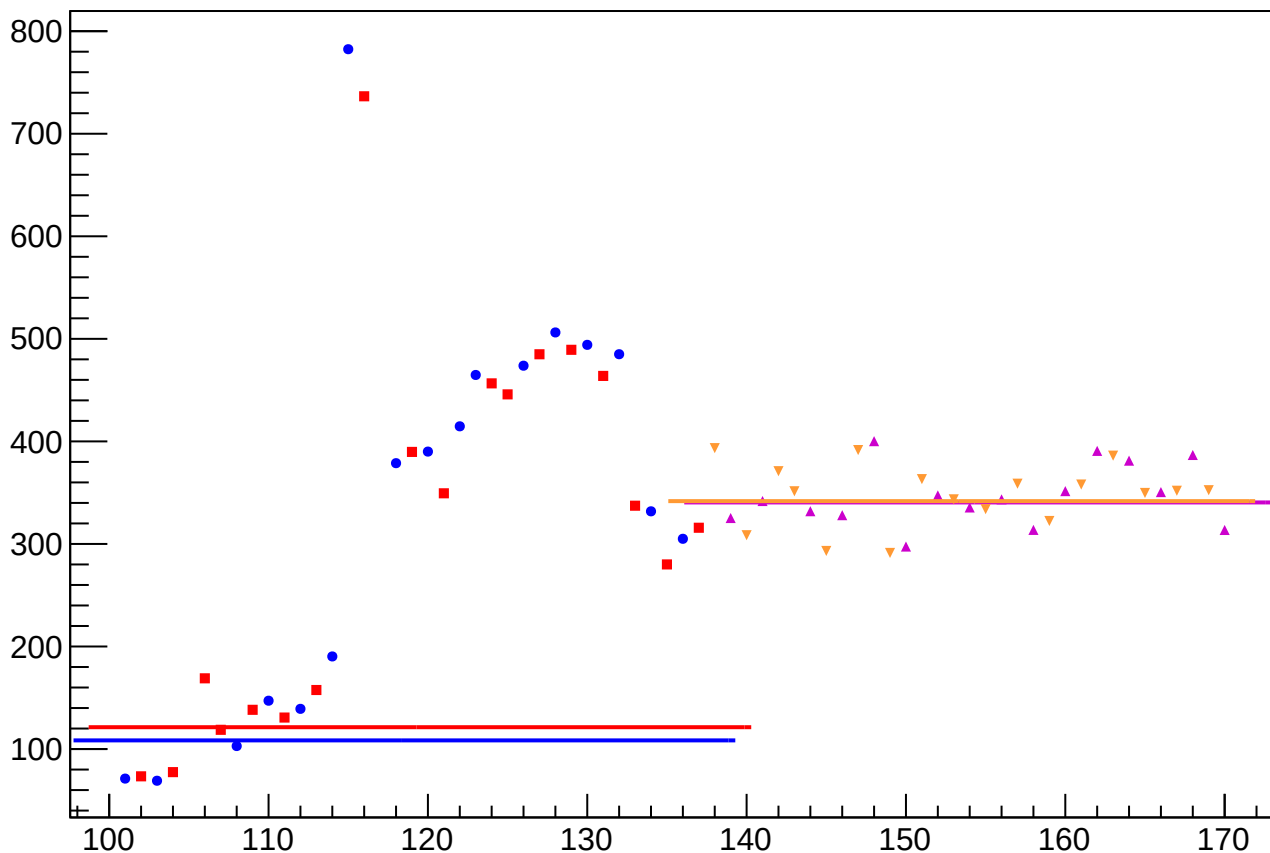
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 21.007+/-47.323 χ^2/NDF :52.9/32

Out: -70.133+/-48.768 χ^2/NDF :38.7/34

All: -23.192+/-33.962 χ^2/NDF : 93.4/67

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 341.747+/-0.068 χ^2/NDF : 208863.1/16

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 340.470+/-0.068 χ^2/NDF : 167852.2/15

Left: 341.112+/-0.048 χ^2/NDF : 376890.9/32

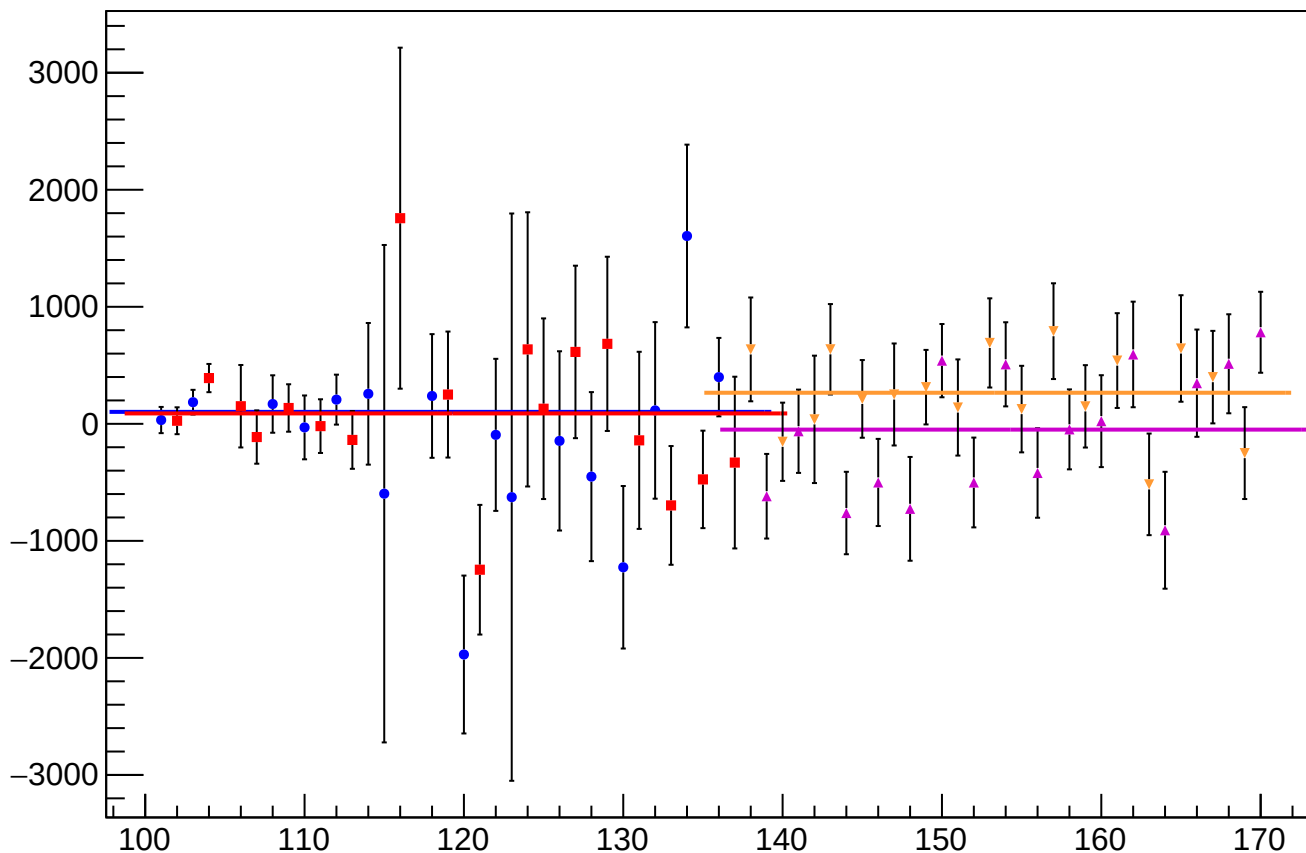
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 164.136+/-0.033 χ^2/NDF : 14342158.2/32

Out: 178.153+/-0.034 χ^2/NDF : 12761221.1/34

All: 170.934+/-0.024 χ^2/NDF : 27188474.5/67

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2/NDF : 20.3/16

Left Out: 265.563 $\pm$ 94.654 χ^2/NDF :12.9/16

Right Out: 88.841 $\pm$ 62.230 χ^2/NDF : 21.7/17

Left In: -49.389 $\pm$ 95.269 χ^2/NDF :32.0/15

Left: 109.108 $\pm$ 67.147 χ^2/NDF : 50.4/32

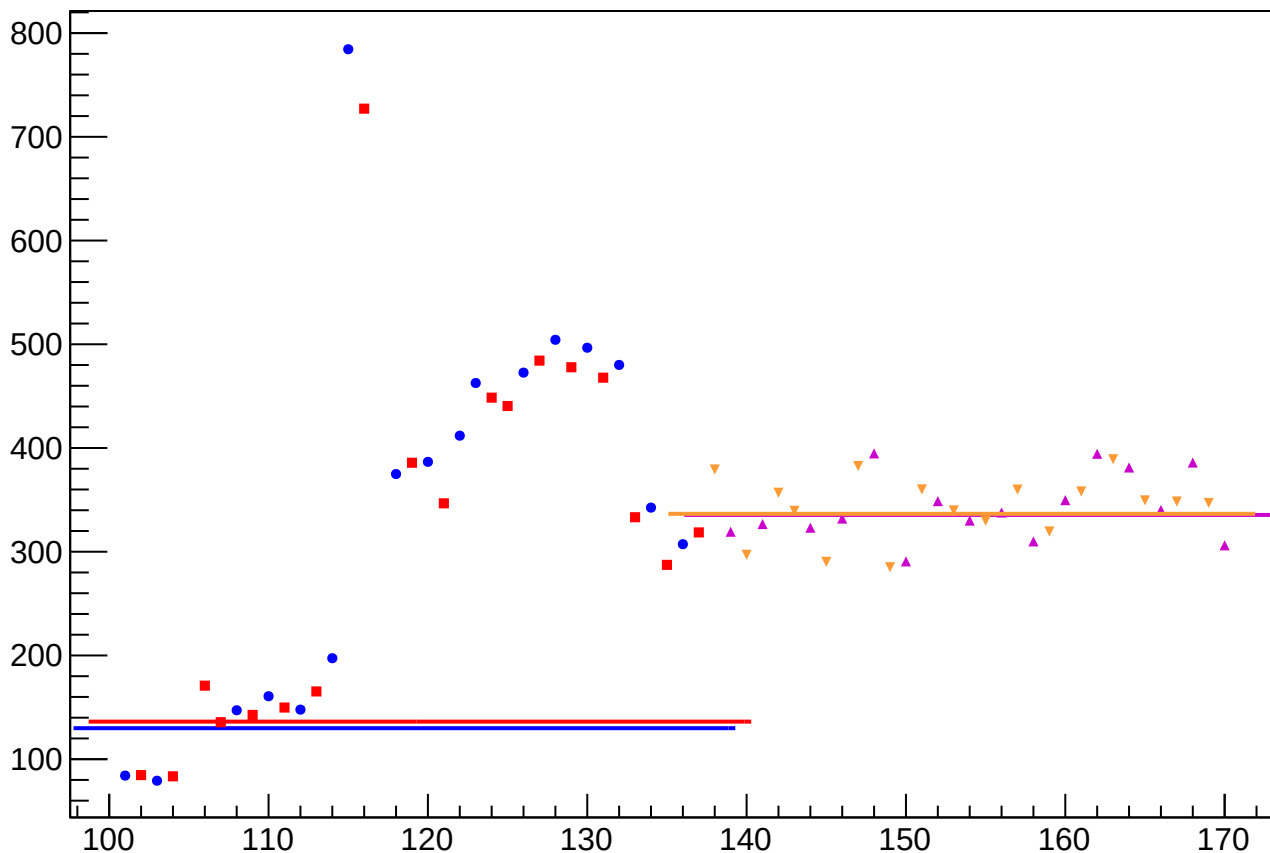
Right: 95.435 $\pm$ 44.317 χ^2/NDF : 42.0/34

In: 55.964 $\pm$ 52.623 χ^2/NDF :54.0/32

Out: 142.175 $\pm$ 51.999 χ^2/NDF :37.1/34

All: 99.584 $\pm$ 36.988 χ^2/NDF : 92.4/67

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 336.535+/-0.067 χ^2/NDF : 221412.4/16

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 335.477+/-0.067 χ^2/NDF : 195310.2/15

Left: 336.010+/-0.047 χ^2/NDF : 416846.8/32

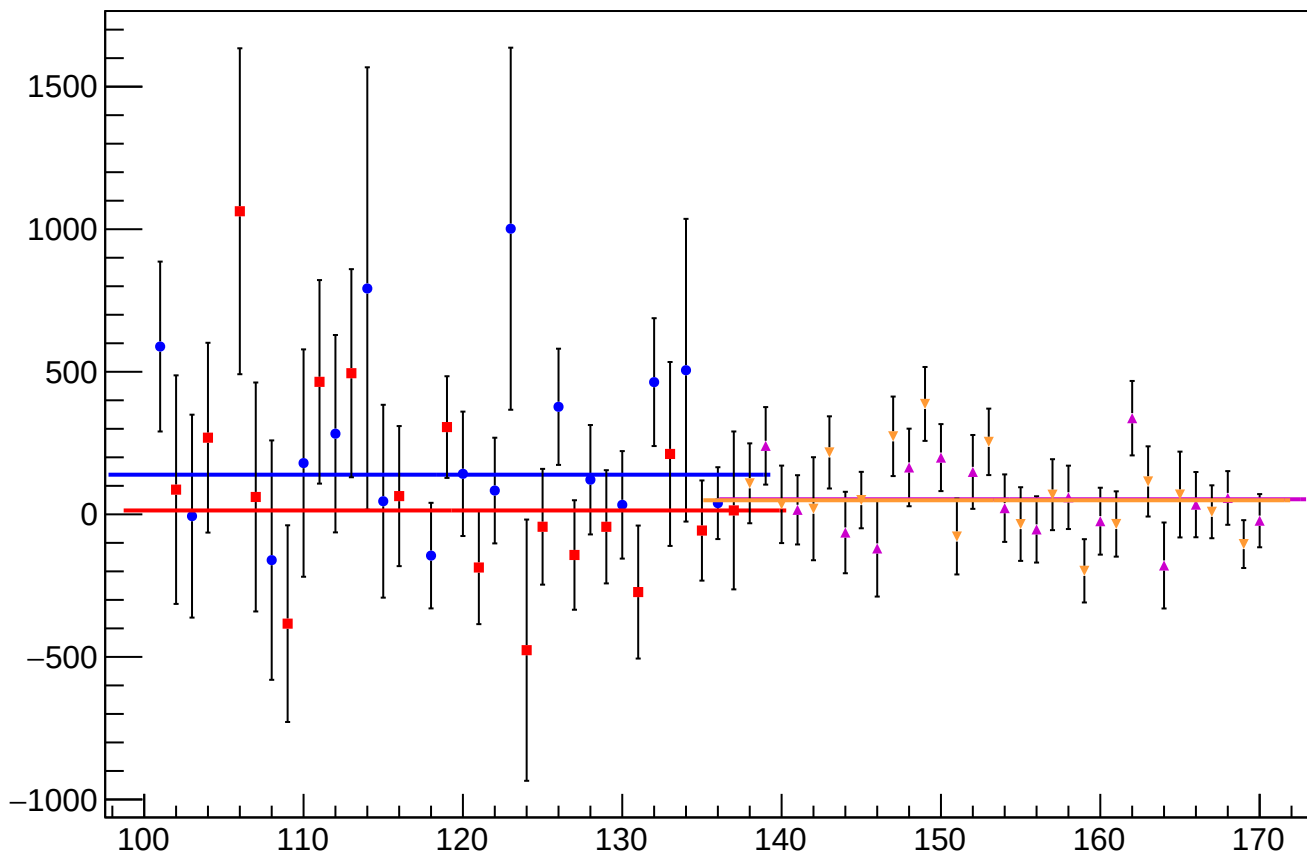
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 192.611+/-0.037 χ^2/NDF : 11497126.1/32

Out: 196.678+/-0.037 χ^2/NDF : 10758040.8/34

All: 194.669+/-0.026 χ^2/NDF : 22261210.2/67

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: 49.408 $\pm$ 28.968 χ^2 /NDF:25.2/16

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 52.914 $\pm$ 30.181 χ^2 /NDF:15.6/15

Left: 51.089 $\pm$ 20.899 χ^2 /NDF: 40.8/32

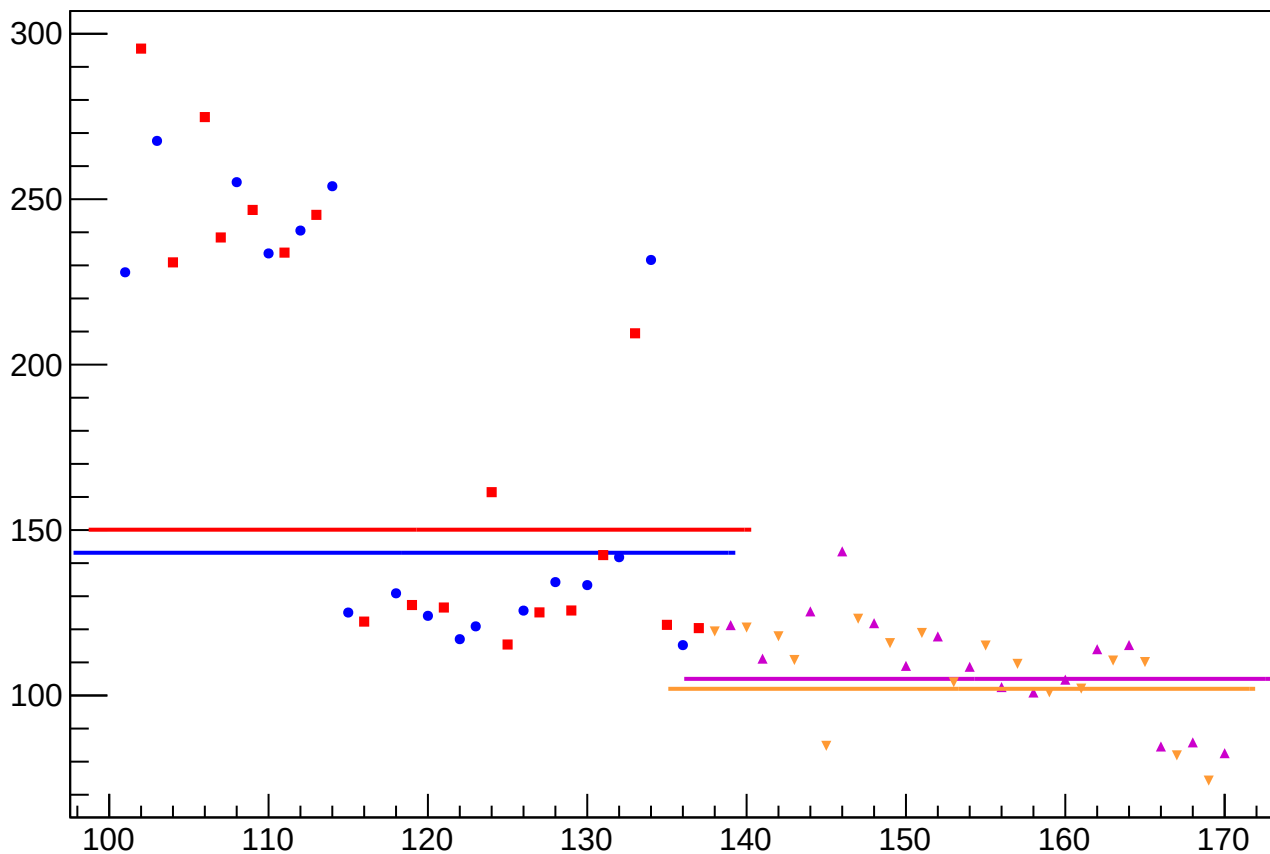
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 71.286 $\pm$ 26.771 χ^2 /NDF:30.4/32

Out: 42.669 $\pm$ 26.098 χ^2 /NDF:41.9/34

All: 56.613 $\pm$ 18.687 χ^2 /NDF: 72.9/67

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: 102.017 $\pm$ 0.020 χ^2 /NDF: 610995.4/16

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 105.025 $\pm$ 0.021 χ^2 /NDF: 518219.0/15

Left: 103.460 $\pm$ 0.015 χ^2 /NDF: 1139552.5/32

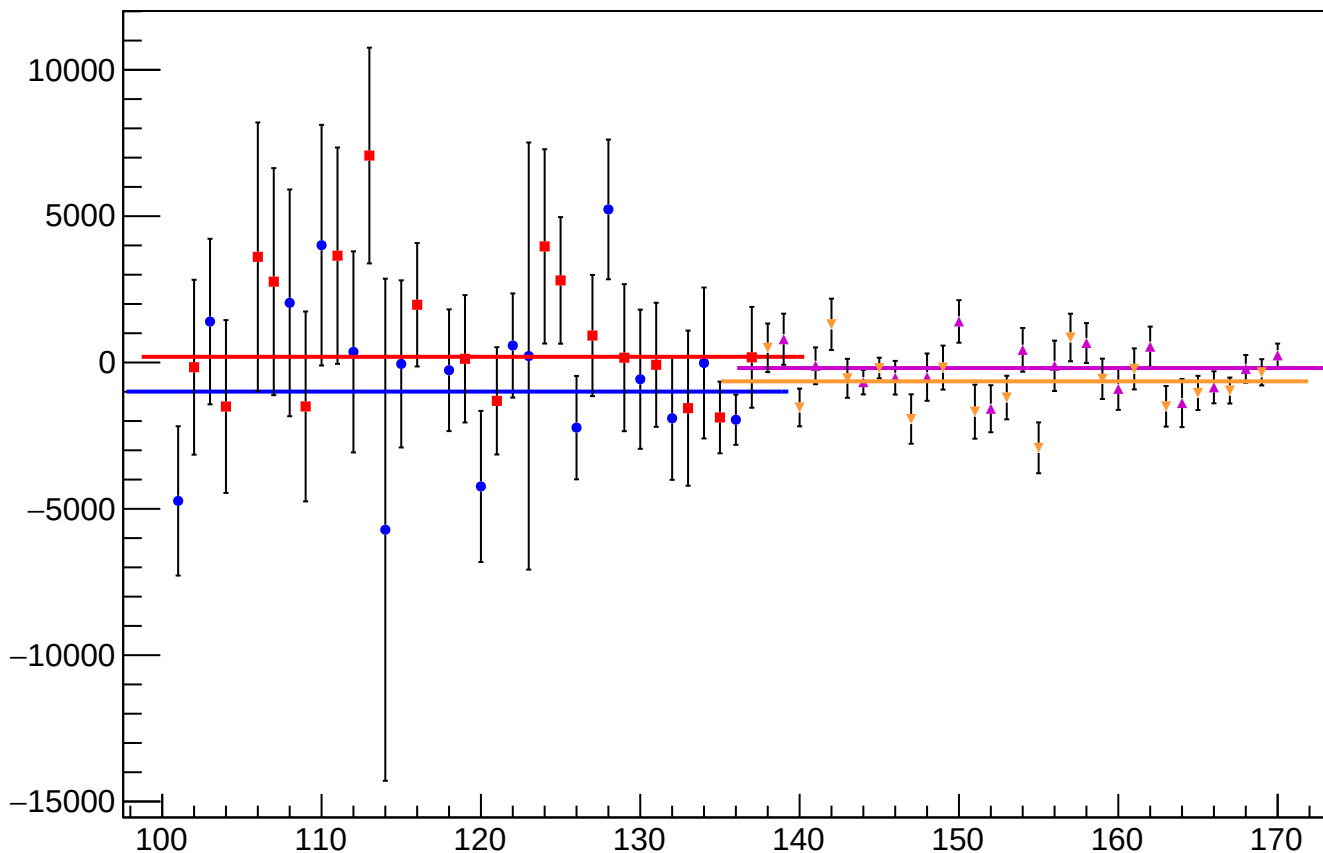
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 113.151 $\pm$ 0.019 χ^2 /NDF: 2299474.2/32

Out: 111.077 $\pm$ 0.018 χ^2 /NDF: 2982200.1/34

All: 112.088 $\pm$ 0.013 χ^2 /NDF: 5287824.7/67

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -642.957 ± 151.346 $\chi^2/\text{NDF}: 28.5/16$

Right Out: 195.049 ± 543.821 $\chi^2/\text{NDF}: 13.5/17$

Left In: -189.516 ± 153.702 $\chi^2/\text{NDF}: 20.0/15$

Left: -419.738 ± 107.841 $\chi^2/\text{NDF}: 52.9/32$

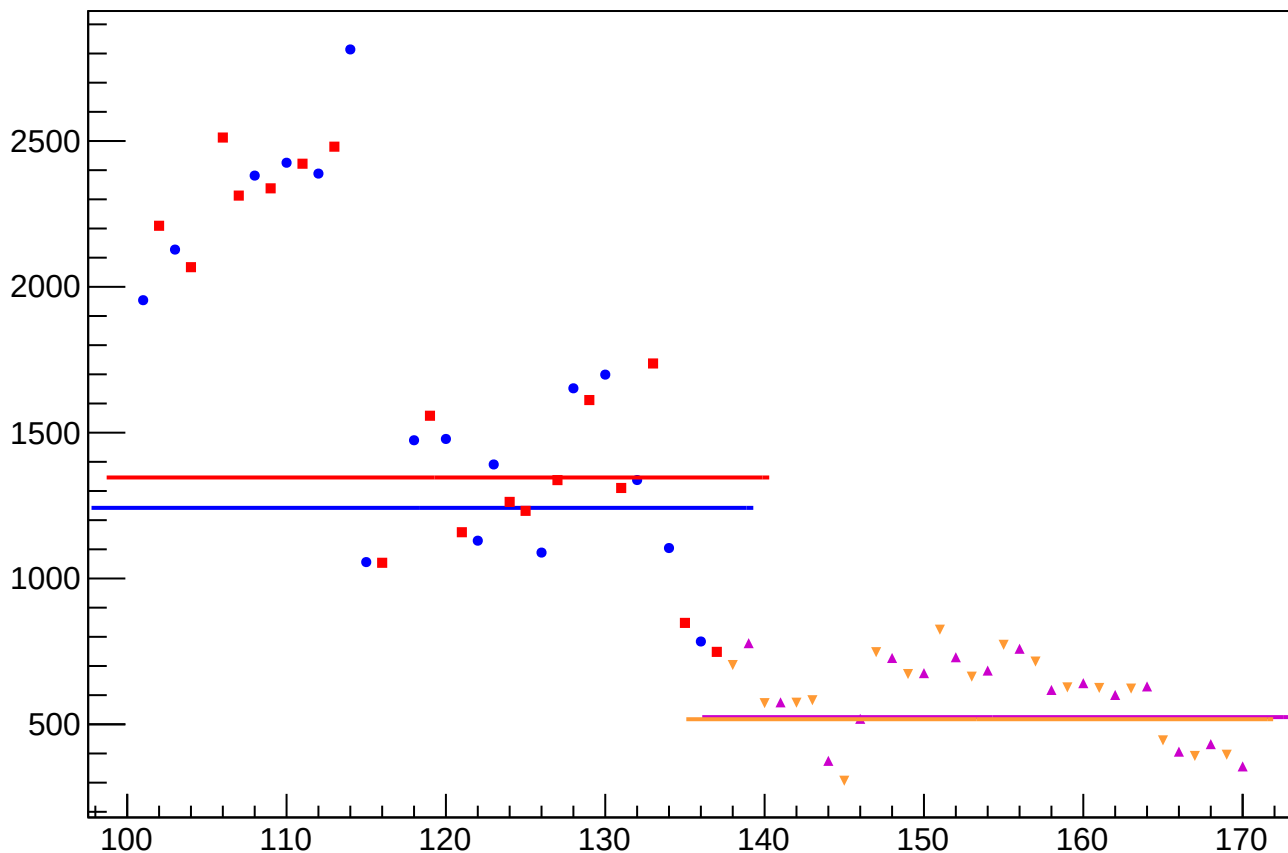
Right: -430.023 ± 374.493 $\chi^2/\text{NDF}: 33.0/34$

In: -254.953 ± 147.317 $\chi^2/\text{NDF}: 39.2/32$

Out: -582.717 ± 145.805 $\chi^2/\text{NDF}: 44.3/34$

All: -420.525 ± 103.630 $\chi^2/\text{NDF}: 85.9/67$

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: 517.462 $\pm$ 0.107 χ^2 /NDF: 2159251.4/16

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 524.708 $\pm$ 0.109 χ^2 /NDF: 1689902.7/15

Left: 521.029 $\pm$ 0.076 χ^2 /NDF: 3851410.8/32

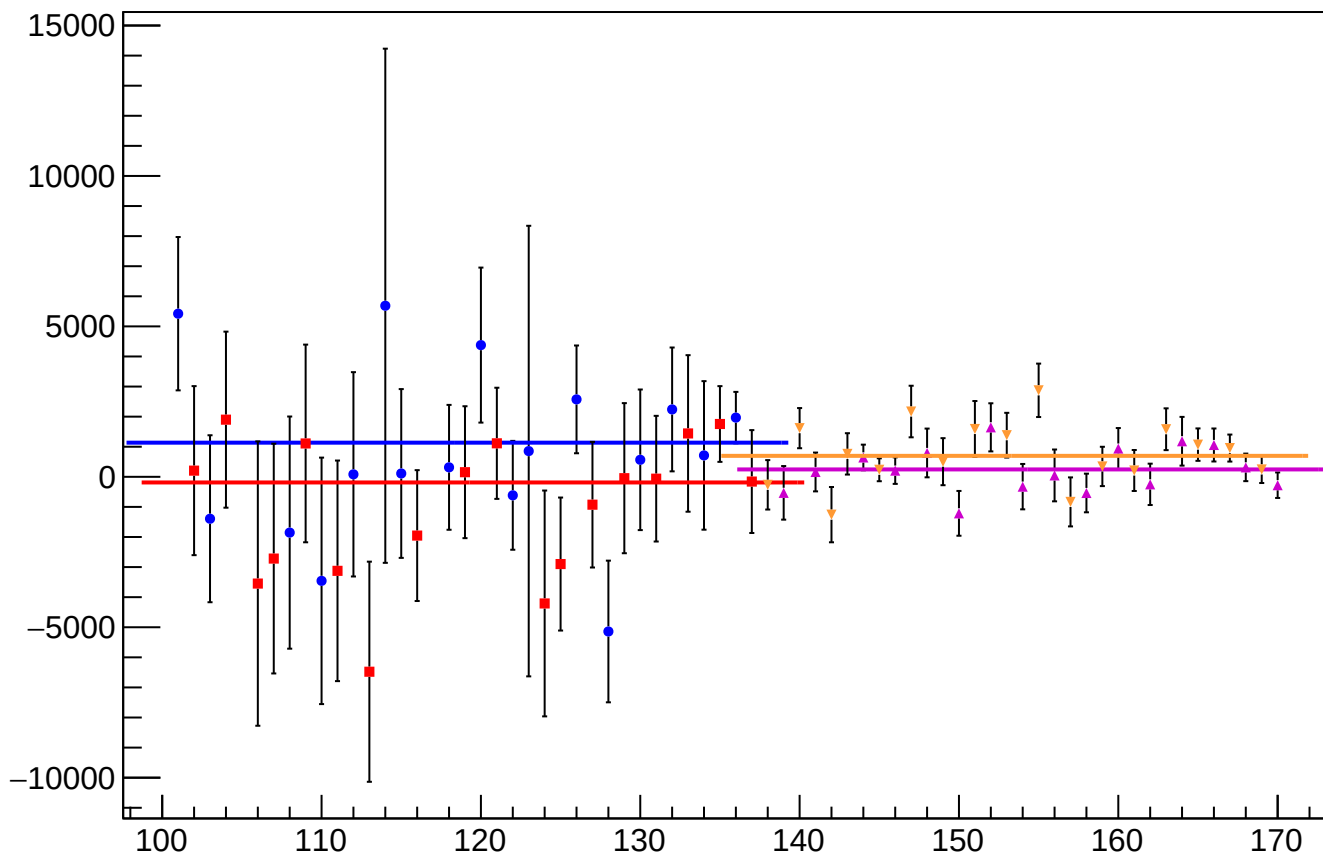
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 583.083 $\pm$ 0.104 χ^2 /NDF: 7002974.2/32

Out: 577.046 $\pm$ 0.103 χ^2 /NDF: 8280624.1/34

All: 580.033 $\pm$ 0.073 χ^2 /NDF: 15285295.0/67

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 697.179+/-153.291 χ^2/NDF : 27.9/16

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 245.662+/-150.405 χ^2/NDF : 17.8/15

Left: 467.130+/-107.358 χ^2/NDF : 50.1/32

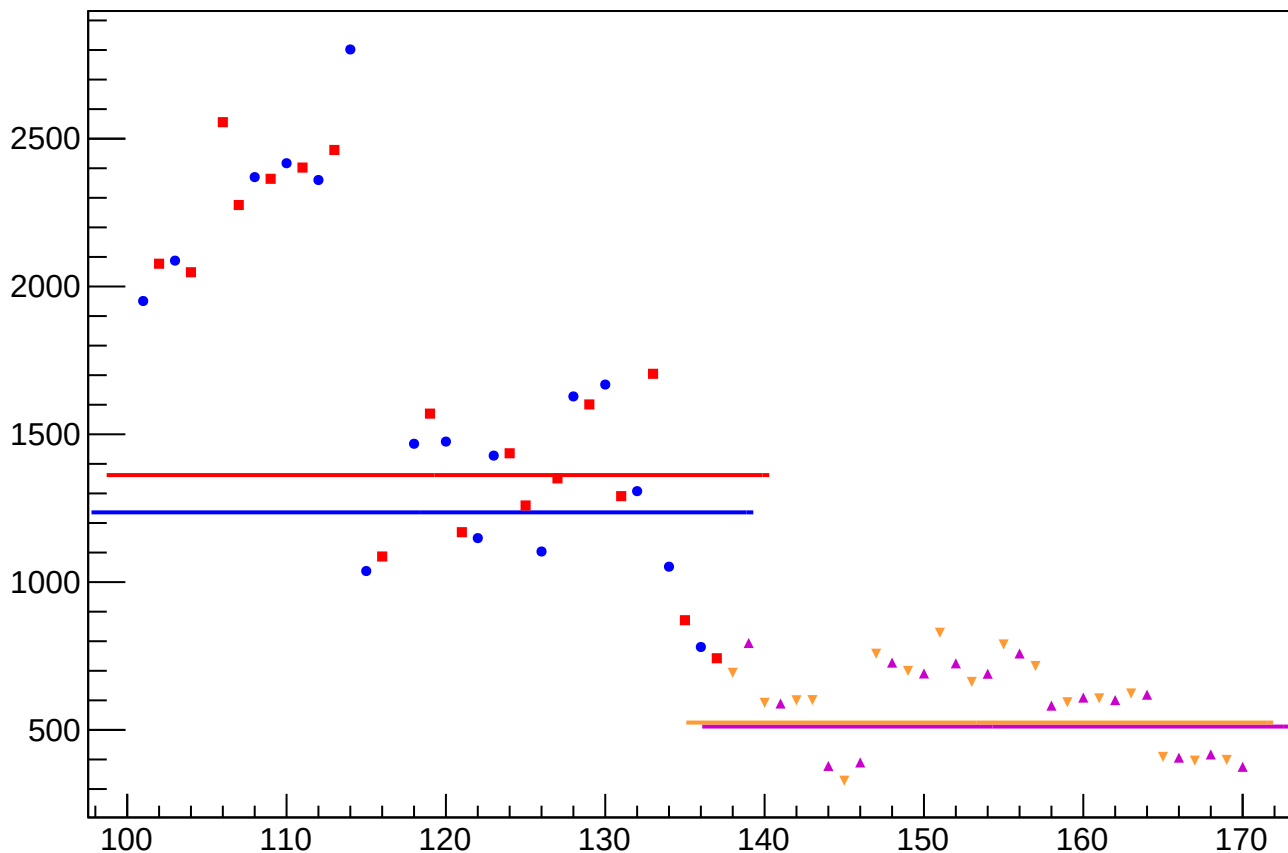
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 315.881+/-144.347 χ^2/NDF : 38.3/32

Out: 633.019+/-147.628 χ^2/NDF : 42.3/34

All: 470.886+/-103.209 χ^2/NDF : 82.9/67

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 524.898+/-0.108 χ^2/NDF : 1998214.7/16

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 511.350+/-0.106 χ^2/NDF : 1757163.5/15

Left: 517.996+/-0.076 χ^2/NDF : 3763337.8/32

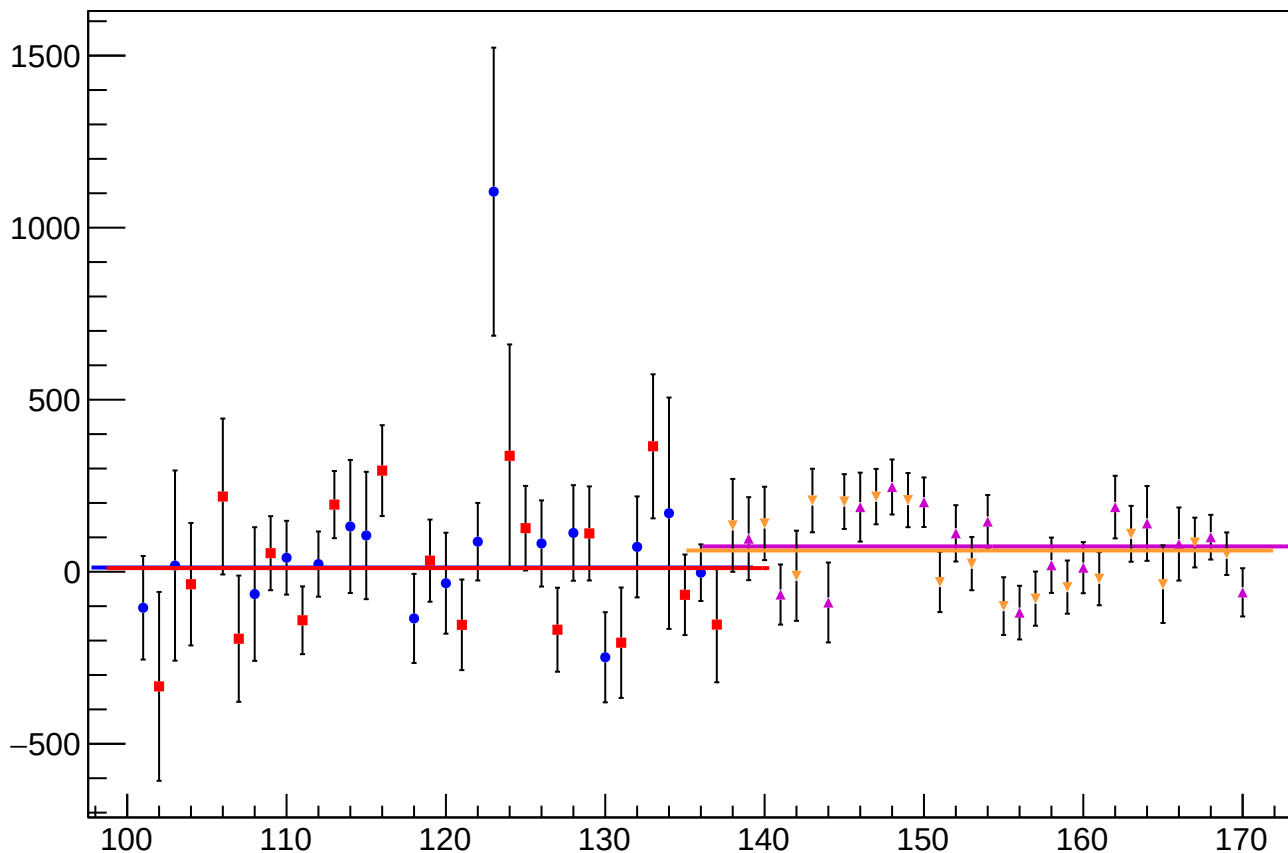
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 568.547+/-0.102 χ^2/NDF : 7166952.9/32

Out: 585.614+/-0.104 χ^2/NDF : 8033810.9/34

All: 576.889+/-0.073 χ^2/NDF : 15214429.6/67

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: 61.846 ± 20.363 $\chi^2/\text{NDF}: 26.5/16$

Right Out: 10.591 ± 32.606 $\chi^2/\text{NDF}: 26.7/17$

Left In: 73.681 ± 20.963 $\chi^2/\text{NDF}: 27.8/15$

Left: 67.592 ± 14.606 $\chi^2/\text{NDF}: 54.5/32$

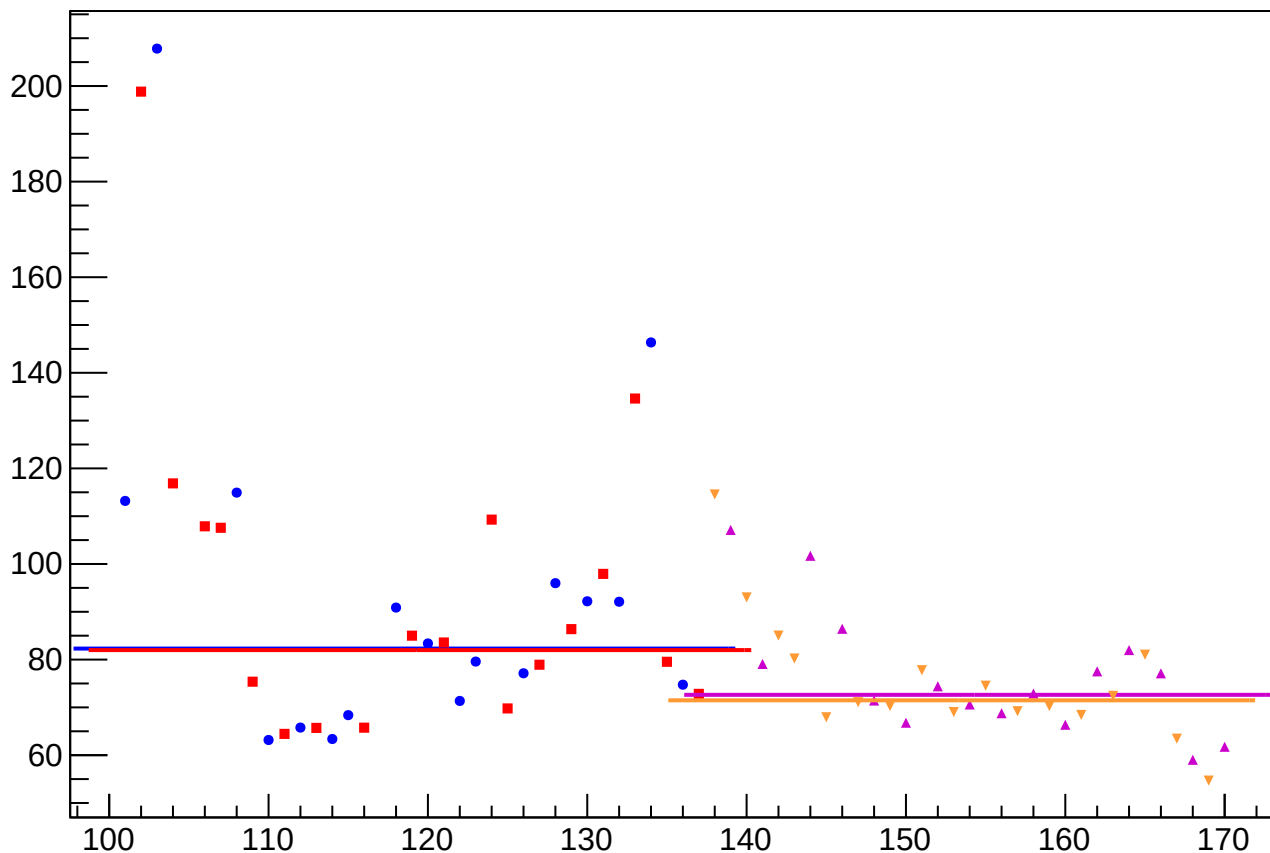
Right: 11.434 ± 23.273 $\chi^2/\text{NDF}: 42.1/34$

In: 56.208 ± 17.729 $\chi^2/\text{NDF}: 45.6/32$

Out: 47.465 ± 17.272 $\chi^2/\text{NDF}: 55.1/34$

All: 51.722 ± 12.372 $\chi^2/\text{NDF}: 100.8/67$

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: 71.477 $\pm$ 0.014 χ^2 /NDF: 536304.2/16

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 72.628 $\pm$ 0.015 χ^2 /NDF: 533151.0/15

Left: 72.036 $\pm$ 0.010 χ^2 /NDF: 1072556.6/32

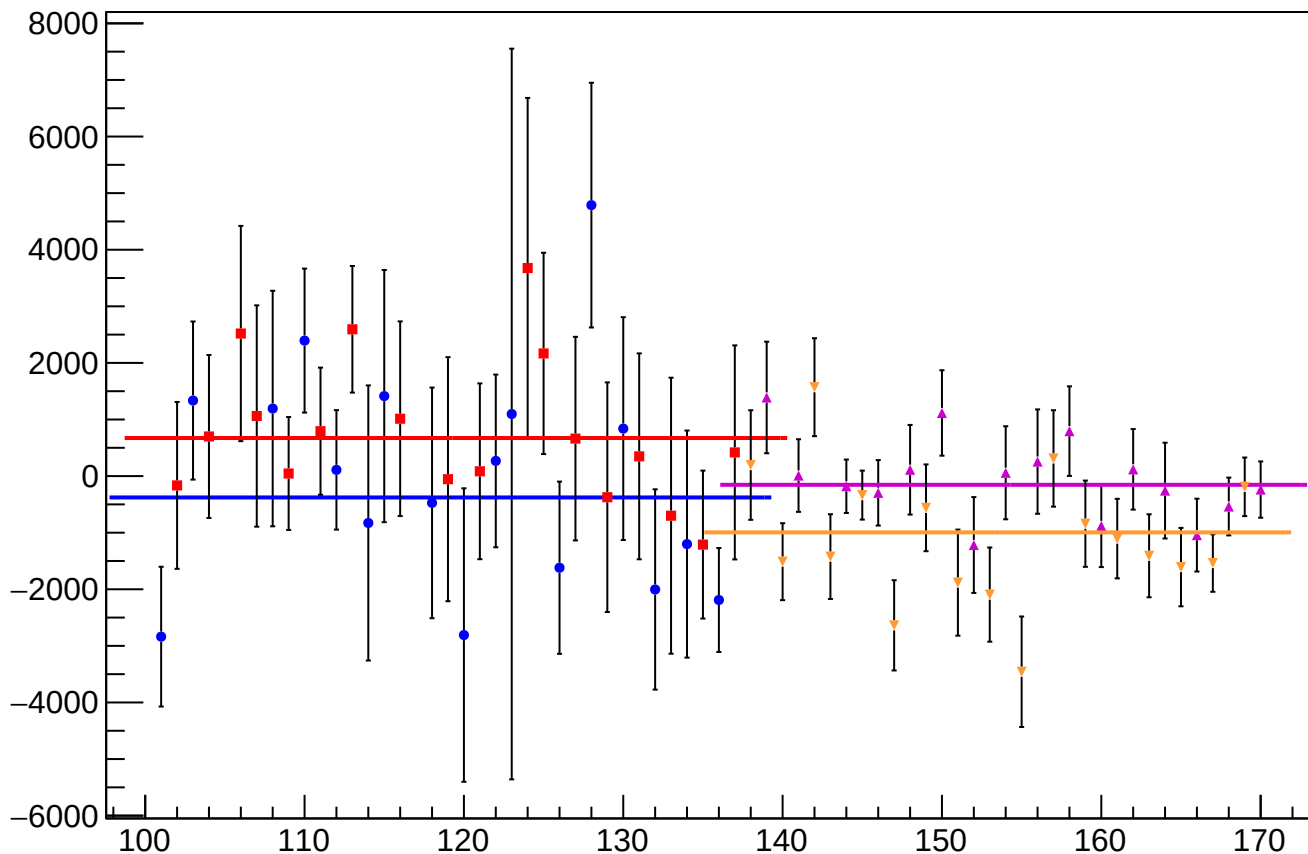
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 75.383 $\pm$ 0.013 χ^2 /NDF: 1523258.1/32

Out: 74.426 $\pm$ 0.012 χ^2 /NDF: 1539026.0/34

All: 74.892 $\pm$ 0.009 χ^2 /NDF: 3065274.5/67

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -994.612 $\pm$ 168.366 χ^2 /NDF:34.2/16

Right Out: 673.192 $\pm$ 368.624 χ^2 /NDF: 9.4/17

Left In: -154.167 $\pm$ 167.845 χ^2 /NDF:12.5/15

Left: -573.088 $\pm$ 118.868 χ^2 /NDF: 59.1/32

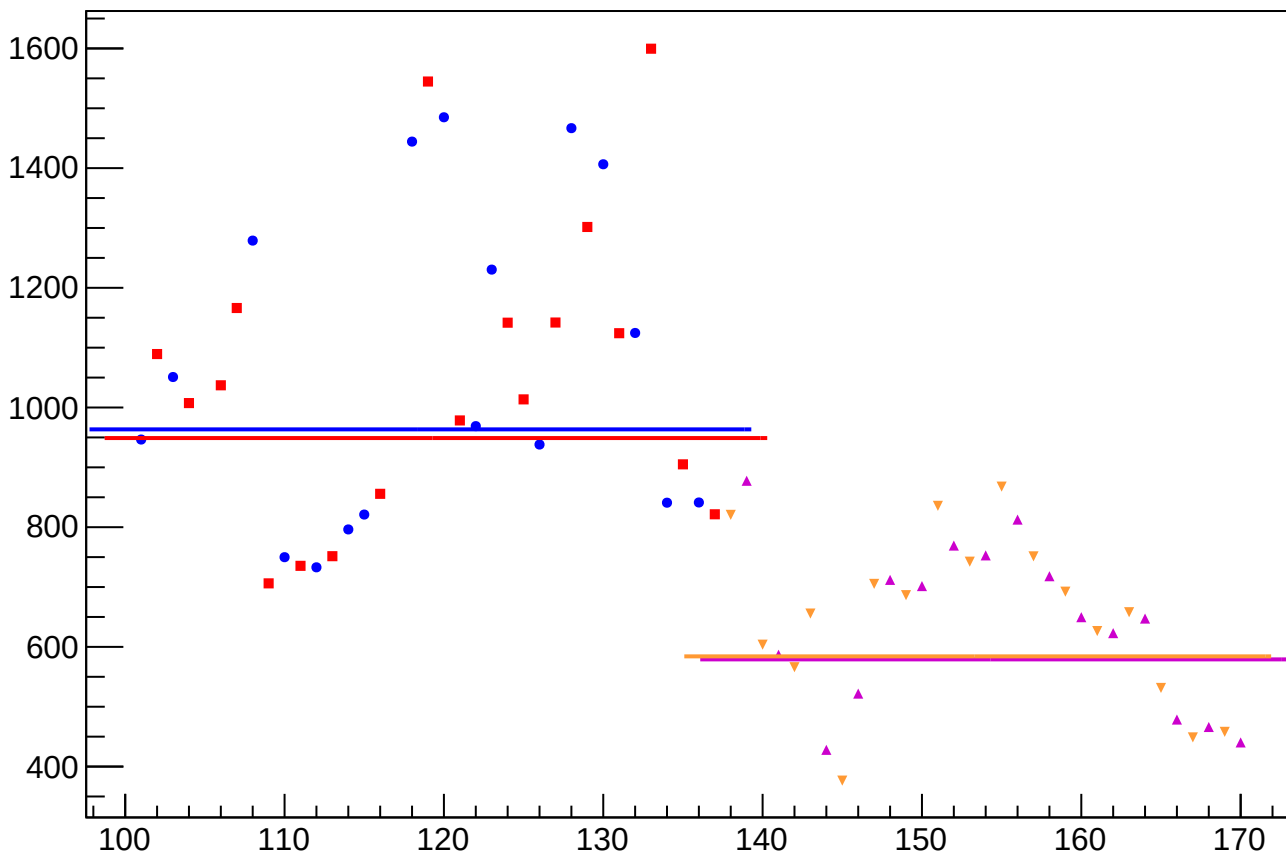
Right: 169.244 $\pm$ 265.892 χ^2 /NDF: 37.7/34

In: -189.980 $\pm$ 153.789 χ^2 /NDF:37.2/32

Out: -706.740 $\pm$ 153.148 χ^2 /NDF:60.5/34

All: -449.440 $\pm$ 108.518 χ^2 /NDF: 103.4/67

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 584.147+/-0.119 χ^2/NDF : 1484833.9/16

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 579.101+/-0.119 χ^2/NDF : 1239746.1/15

Left: 581.616+/-0.084 χ^2/NDF : 2725481.0/32

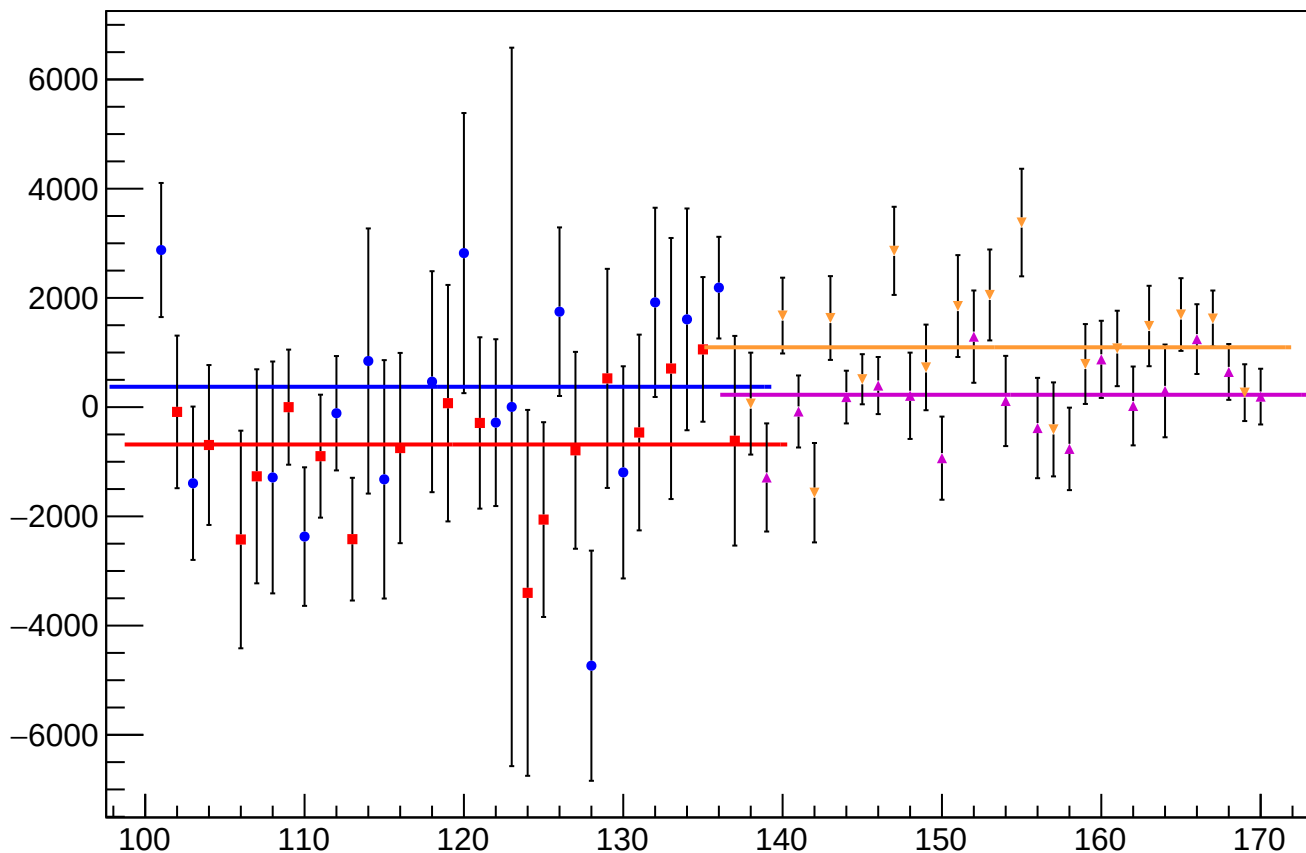
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 640.784+/-0.109 χ^2/NDF : 3611785.3/32

Out: 647.113+/-0.108 χ^2/NDF : 3834856.5/34

All: 643.962+/-0.077 χ^2/NDF : 7448342.8/67

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1095.993 $\pm$ 170.071 χ^2 /NDF:32.9/16

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 226.356 $\pm$ 167.062 χ^2 /NDF:12.9/15

Left: 653.412 $\pm$ 119.180 χ^2 /NDF: 59.1/32

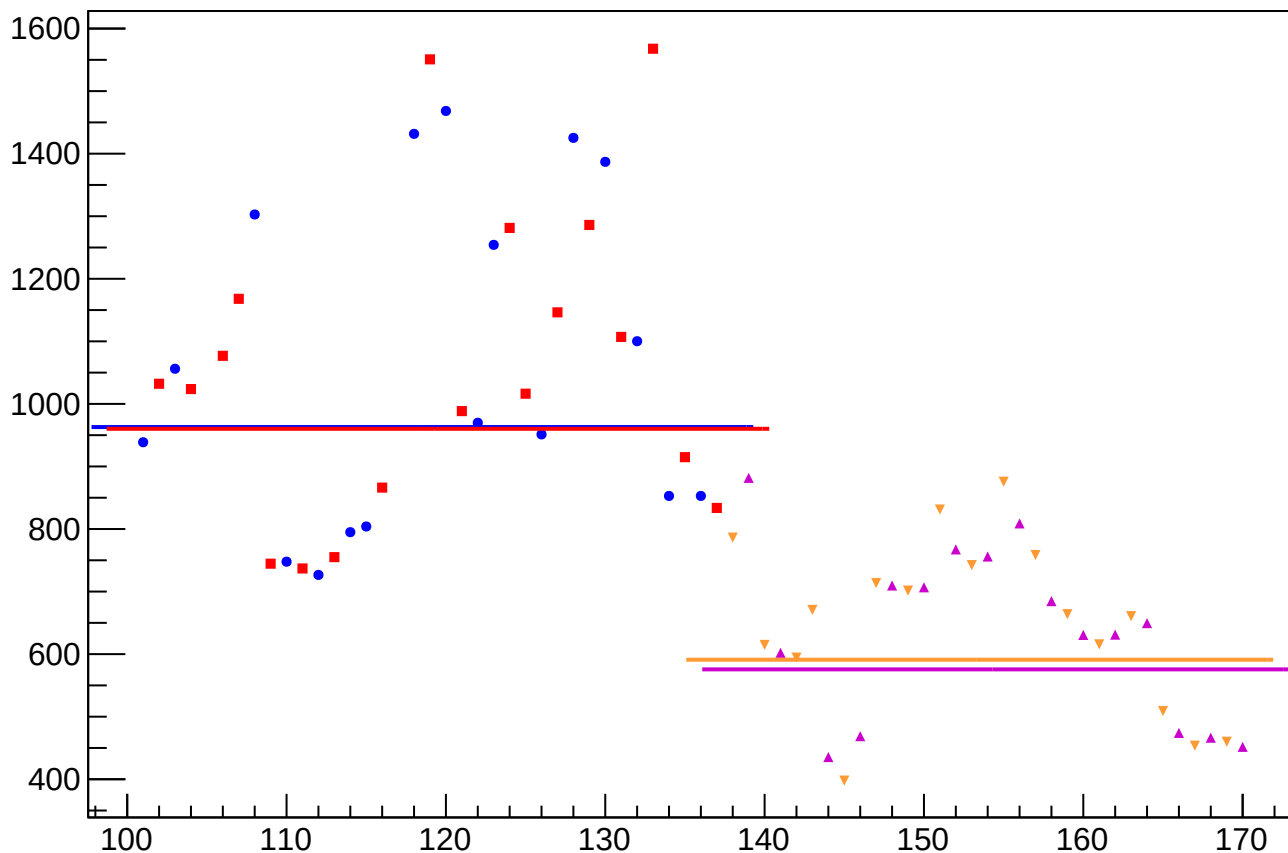
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 249.713 $\pm$ 153.170 χ^2 /NDF:38.3/32

Out: 788.906 $\pm$ 154.703 χ^2 /NDF:59.5/34

All: 516.625 $\pm$ 108.846 χ^2 /NDF: 104.0/67

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 591.096+/-0.120 χ^2/NDF :1333939.2/16

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 575.637+/-0.118 χ^2/NDF :1231631.9/15

Left: 583.228+/-0.084 χ^2/NDF : 2573981.5/32

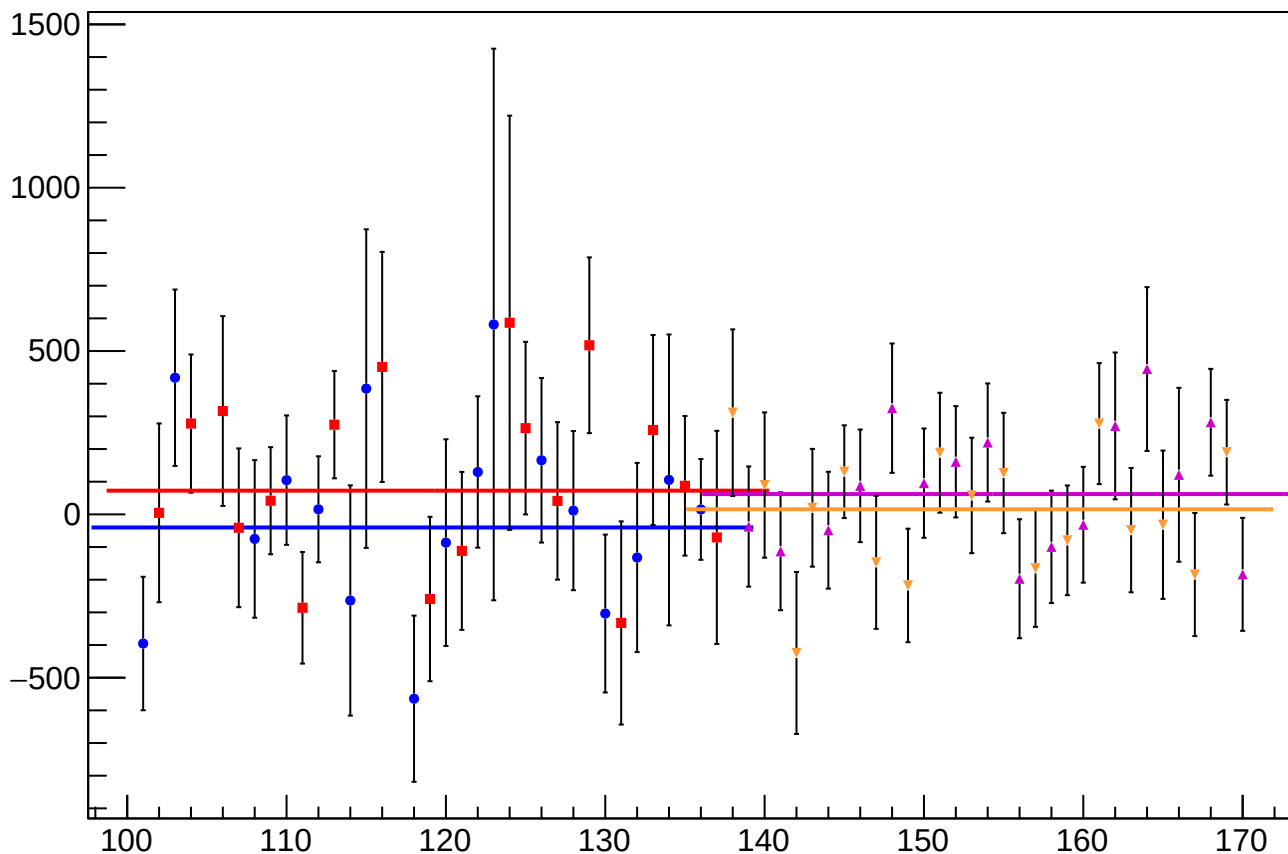
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 637.373+/-0.108 χ^2/NDF :3612718.4/32

Out: 654.792+/-0.109 χ^2/NDF :3630664.2/34

All: 645.995+/-0.077 χ^2/NDF : 7256186.3/67

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 $\pm$ 59.256 χ^2/NDF : 15.3/16

Left Out: 15.609 $\pm$ 45.156 χ^2/NDF :14.8/16

Right Out: 72.607 $\pm$ 56.313 χ^2/NDF : 17.6/17

Left In: 62.161 $\pm$ 46.234 χ^2/NDF :14.8/15

Left: 38.335 $\pm$ 32.304 χ^2/NDF : 30.1/32

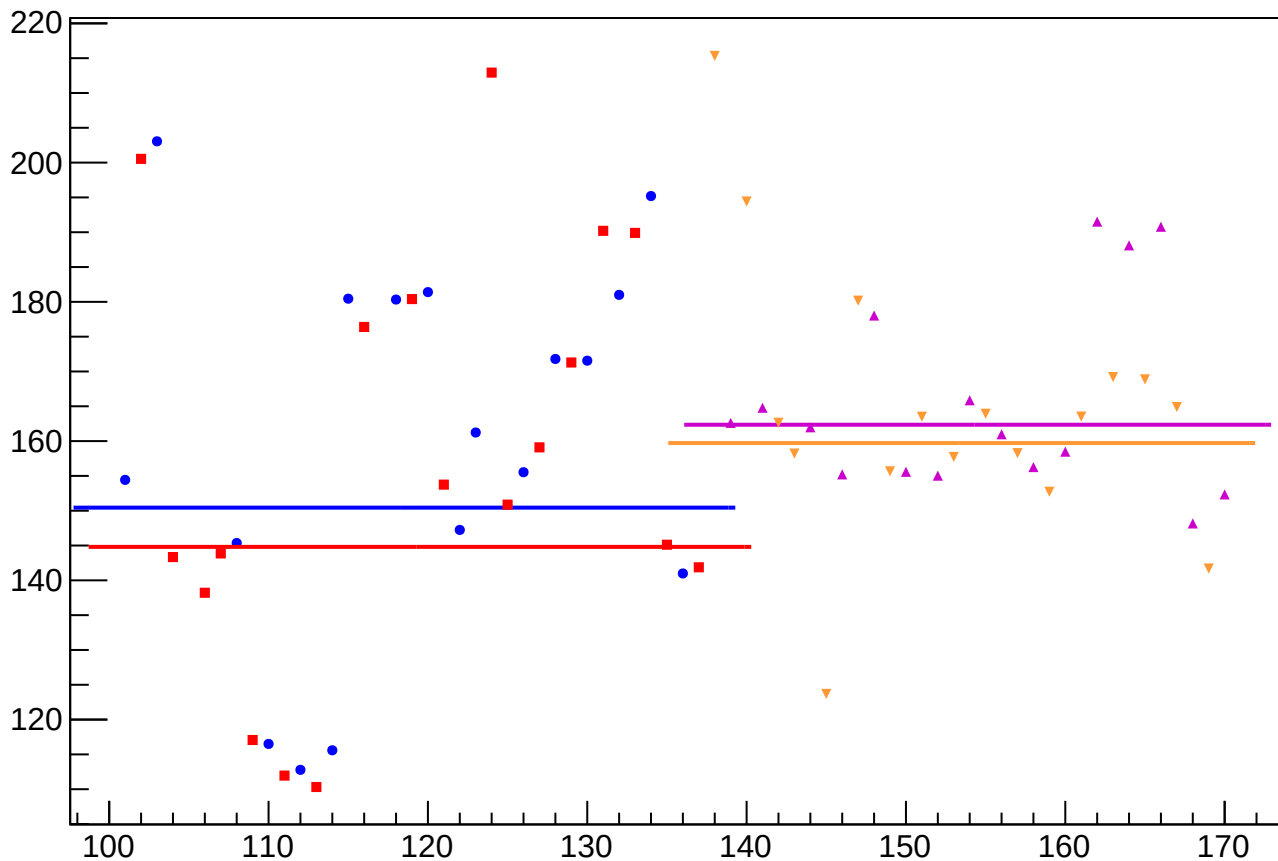
Right: 19.111 $\pm$ 40.820 χ^2/NDF : 34.8/34

In: 23.456 $\pm$ 36.451 χ^2/NDF :32.0/32

Out: 37.915 $\pm$ 35.229 χ^2/NDF :33.0/34

All: 30.932 $\pm$ 25.332 χ^2/NDF : 65.1/67

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 159.721 $\pm$ 0.032 χ^2 /NDF:335672.7/16

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 162.349 $\pm$ 0.033 χ^2 /NDF:126980.2/15

Left: 161.004 $\pm$ 0.023 χ^2 /NDF: 465959.4/32

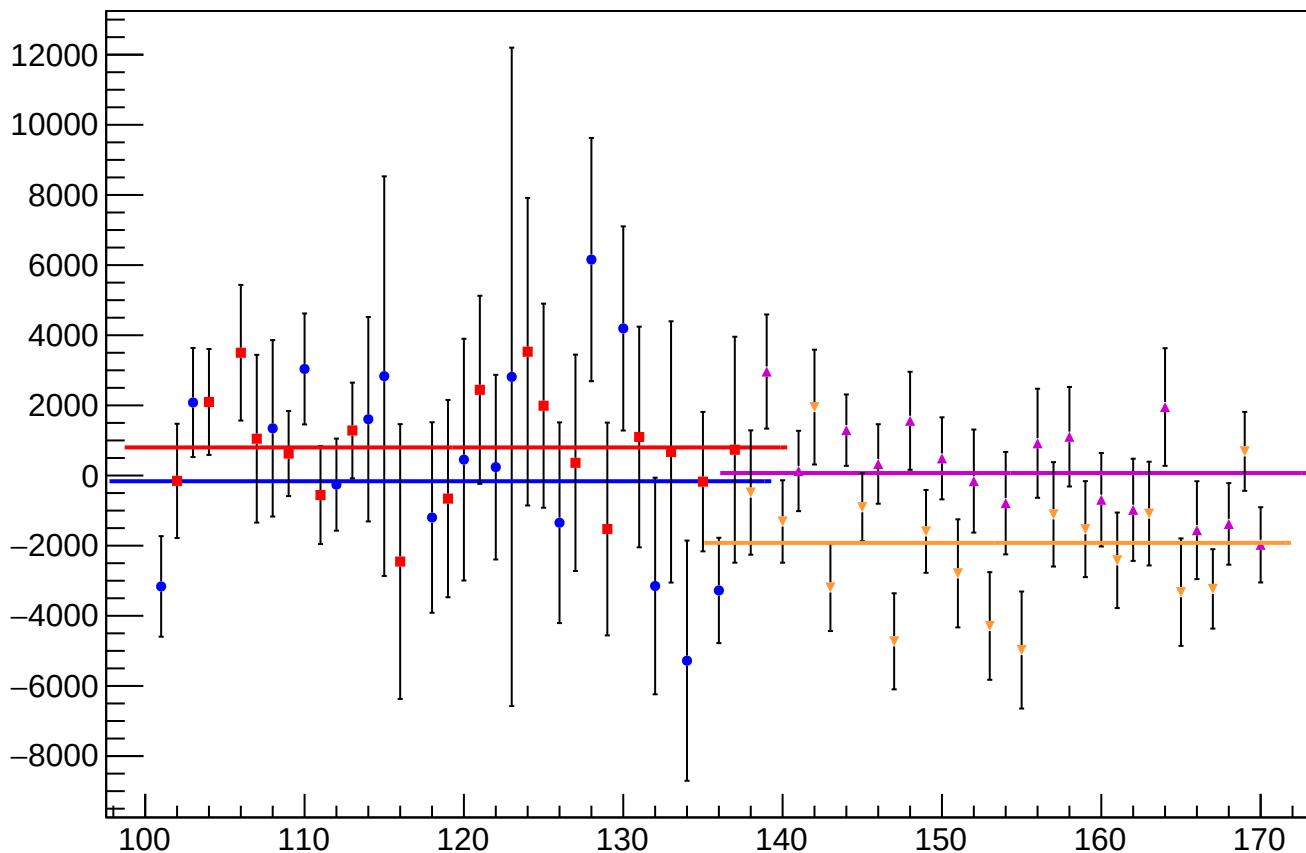
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 157.843 $\pm$ 0.026 χ^2 /NDF:577300.6/32

Out: 153.885 $\pm$ 0.025 χ^2 /NDF:924918.8/34

All: 155.796 $\pm$ 0.018 χ^2 /NDF: 1514415.3/67

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: -1920.589 $\pm$ 323.425 χ^2 /NDF:27.4/16

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 71.347 $\pm$ 324.757 χ^2 /NDF:15.8/15

Left: -928.715 $\pm$ 229.166 χ^2 /NDF: 62.1/32

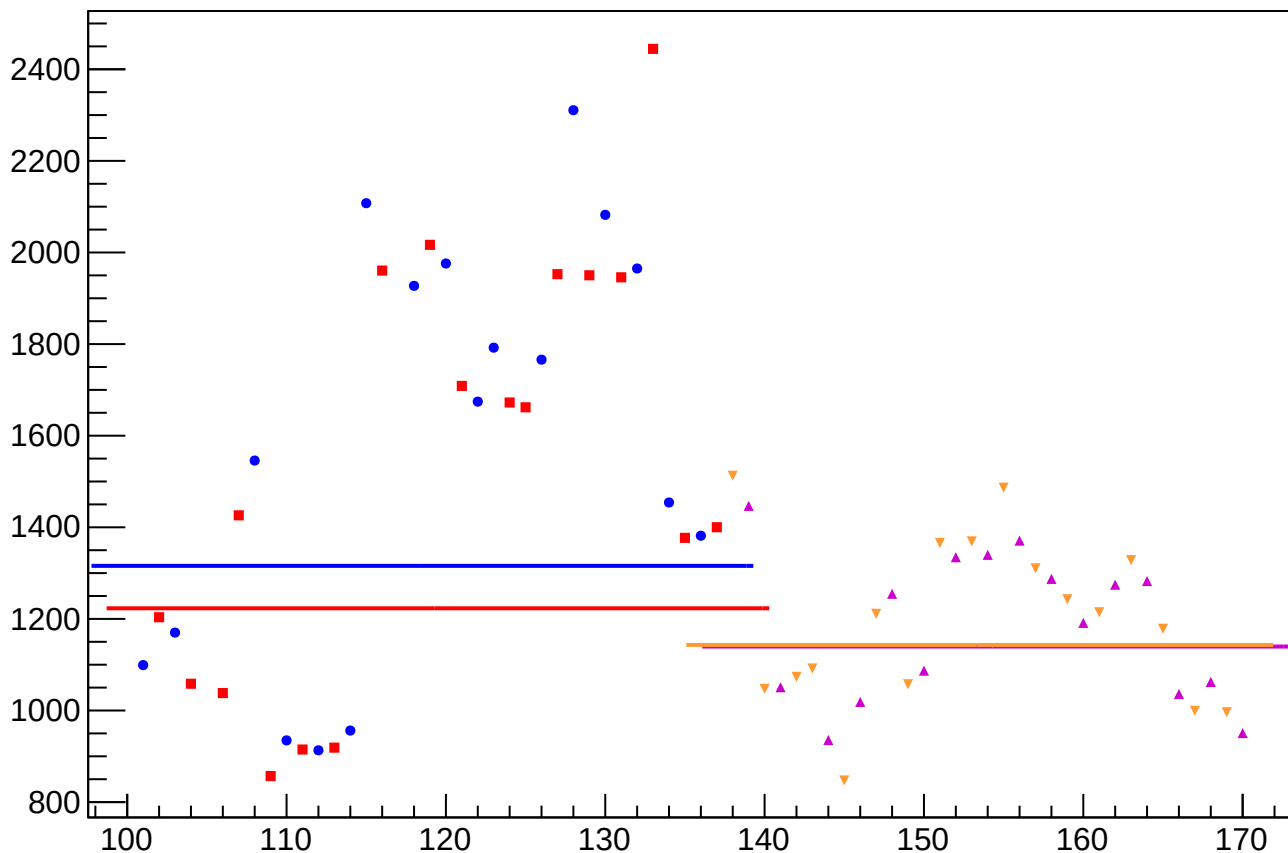
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 7.981 $\pm$ 277.356 χ^2 /NDF:41.0/32

Out: -1086.644 $\pm$ 269.356 χ^2 /NDF:56.0/34

All: -555.344 $\pm$ 193.230 χ^2 /NDF: 105.0/67

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1143.171 $\pm$ 0.229 χ^2 /NDF: 619212.7/16

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1139.632 $\pm$ 0.230 χ^2 /NDF: 459490.8/15

Left: 1141.409 $\pm$ 0.162 χ^2 /NDF: 1078822.7/32

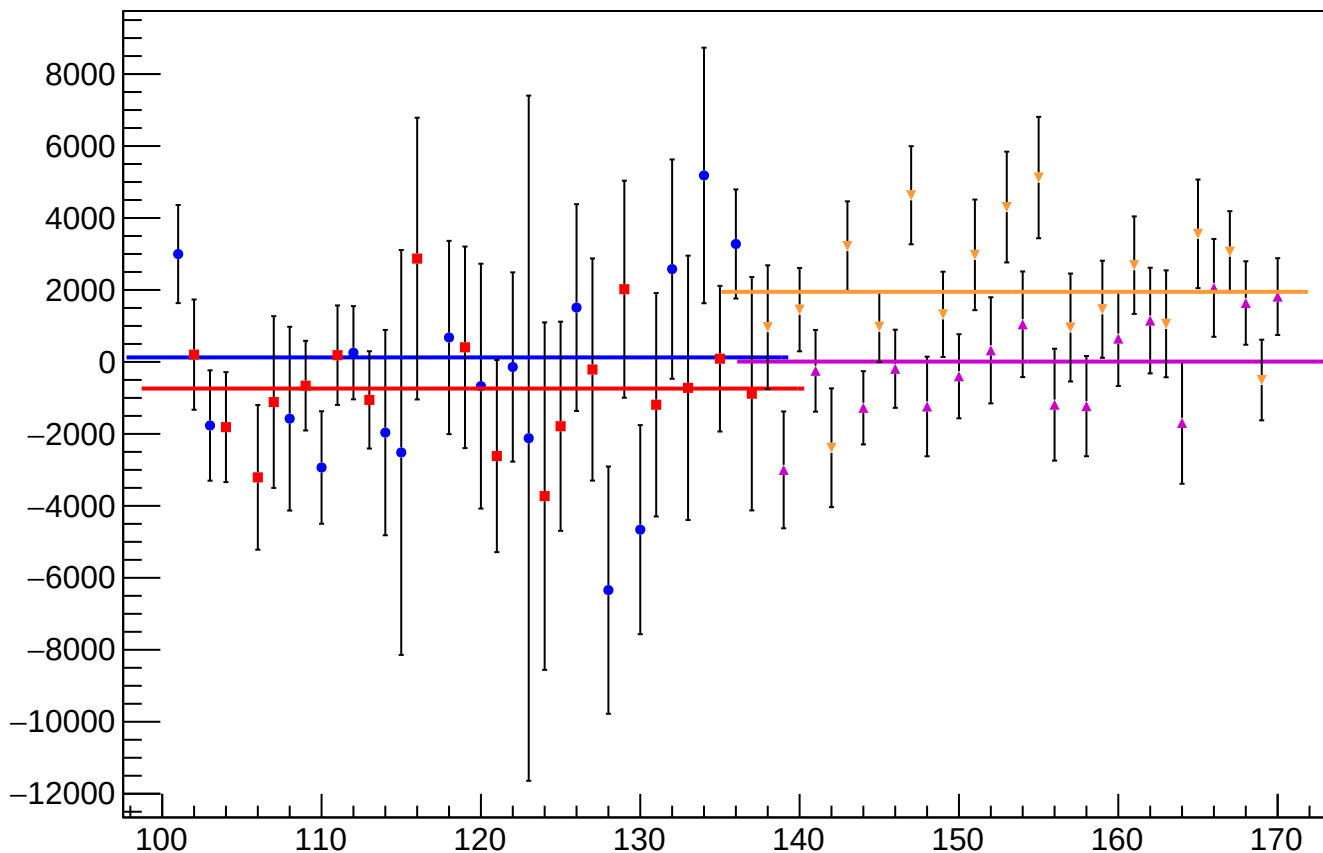
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1187.302 $\pm$ 0.196 χ^2 /NDF: 1737073.2/32

Out: 1167.686 $\pm$ 0.190 χ^2 /NDF: 2019768.1/34

All: 1177.207 $\pm$ 0.137 χ^2 /NDF: 3761989.6/67

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1948.030 $\pm$ 322.723 χ^2 /NDF: 28.1/16

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: 9.505 $\pm$ 322.283 χ^2 /NDF: 16.9/15

Left: 977.444 $\pm$ 228.044 χ^2 /NDF: 63.0/32

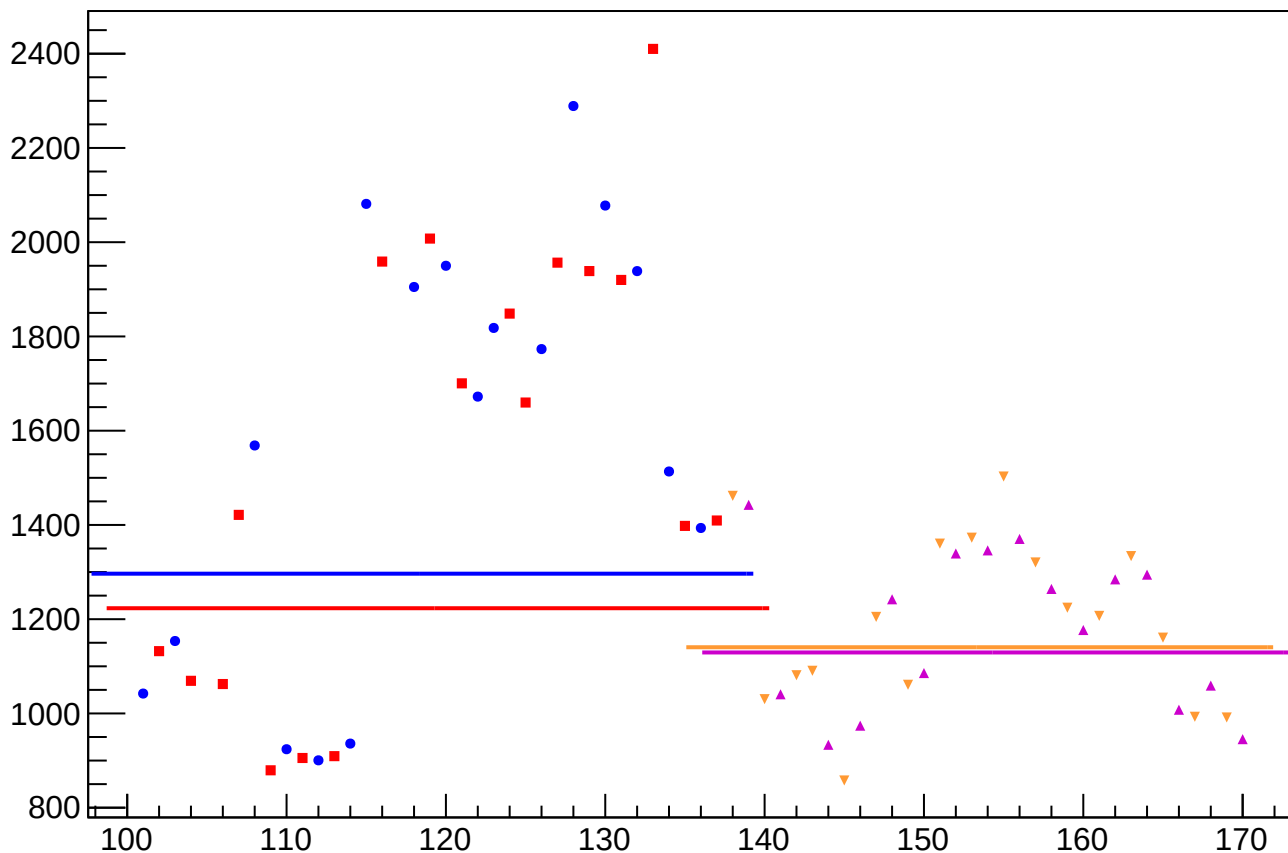
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: 41.061 $\pm$ 274.917 χ^2 /NDF: 41.6/32

Out: 1127.367 $\pm$ 268.984 χ^2 /NDF: 55.2/34

All: 596.063 $\pm$ 192.264 χ^2 /NDF: 104.8/67

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1140.468 $\pm$ 0.228 χ^2 /NDF: 597111.8/16

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1129.399 $\pm$ 0.228 χ^2 /NDF: 495450.5/15

Left: 1134.926 $\pm$ 0.161 χ^2 /NDF: 1093740.5/32

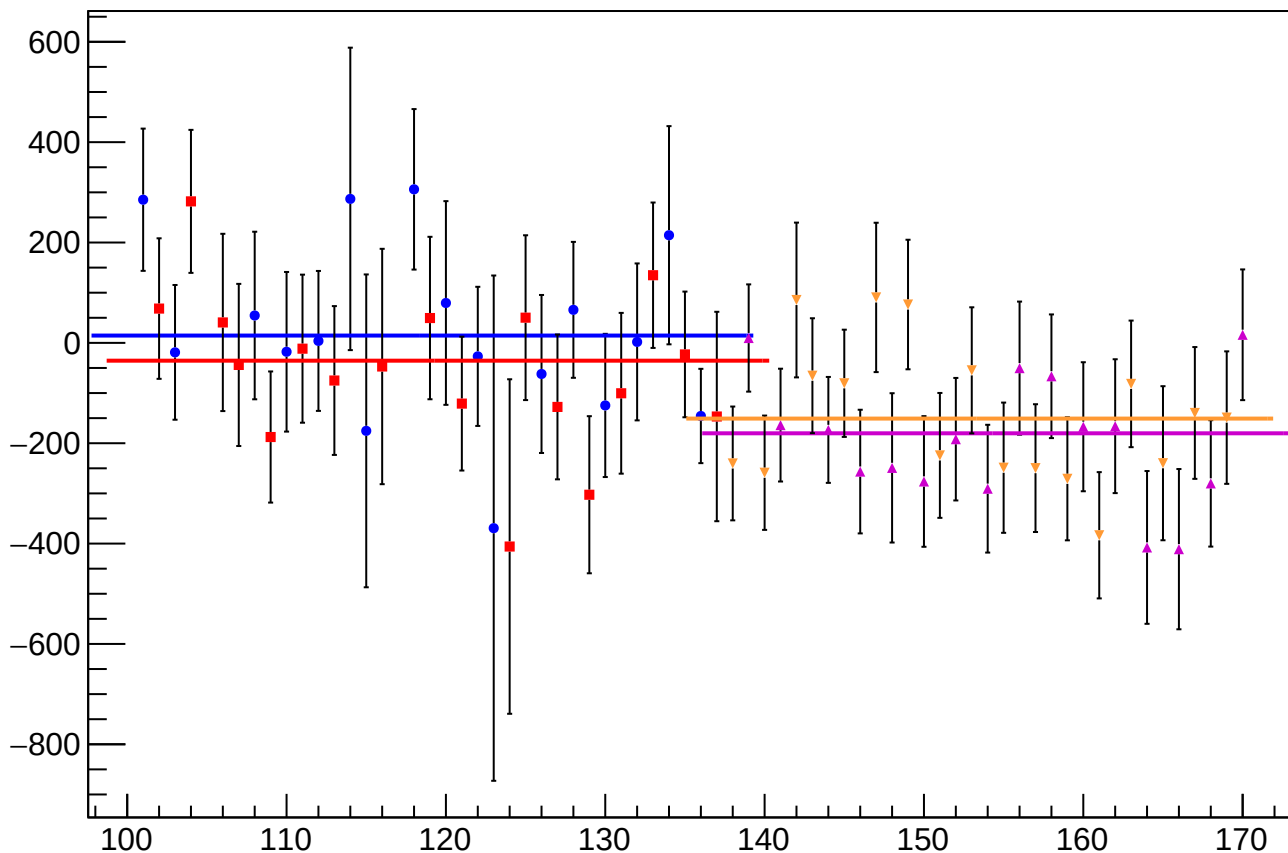
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1174.927 $\pm$ 0.194 χ^2 /NDF: 1817472.8/32

Out: 1165.750 $\pm$ 0.190 χ^2 /NDF: 1984001.8/34

All: 1170.238 $\pm$ 0.136 χ^2 /NDF: 3802613.3/67

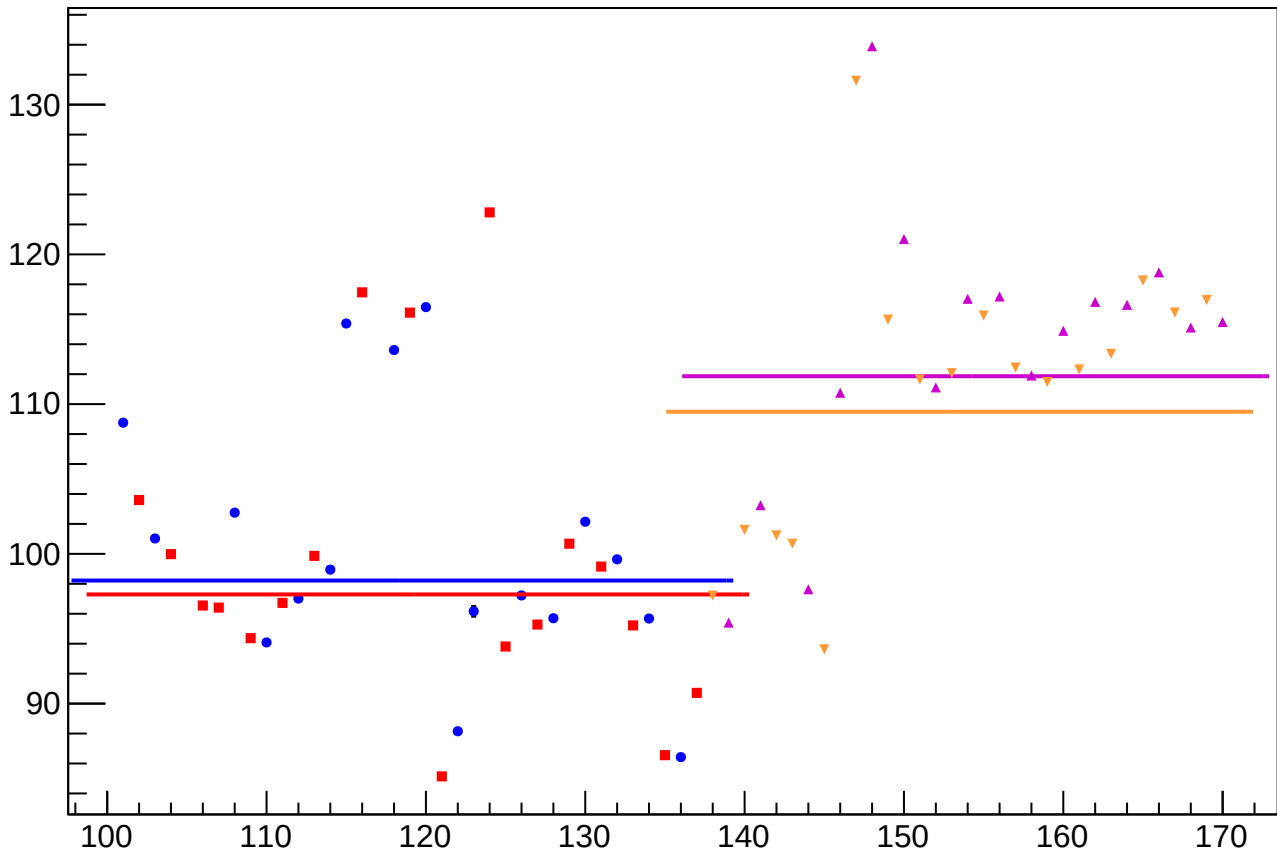
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -150.882 ± 30.640 $\chi^2/\text{NDF}: 17.7/16$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -180.209 ± 31.638 $\chi^2/\text{NDF}: 14.1/15$

Left: -165.076 ± 22.010 $\chi^2/\text{NDF}: 32.3/32$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -100.505 ± 24.318 $\chi^2/\text{NDF}: 43.8/32$
 Out: -103.522 ± 23.528 $\chi^2/\text{NDF}: 38.0/34$
 All: -102.063 ± 16.909 $\chi^2/\text{NDF}: 81.9/67$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 ± 0.027 χ^2/NDF : 100510.4/16

Left Out: 109.490 ± 0.022 χ^2/NDF : 172240.6/16

Right Out: 97.290 ± 0.026 χ^2/NDF : 96216.6/17

Left In: 111.862 ± 0.022 χ^2/NDF : 168518.3/15

Left: 110.638 ± 0.016 χ^2/NDF : 346562.7/32

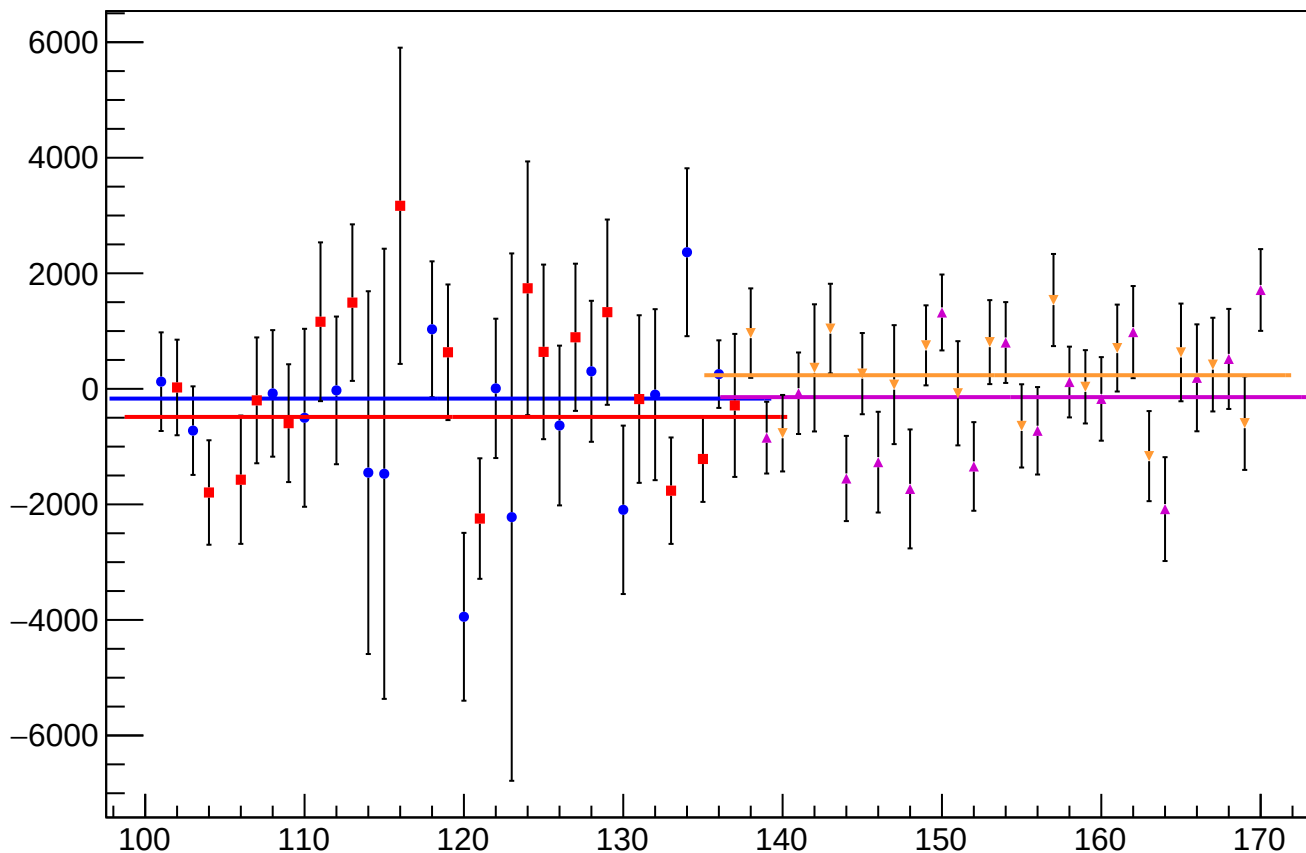
Right: 97.739 ± 0.019 χ^2/NDF : 197344.2/34

In: 106.280 ± 0.017 χ^2/NDF : 421210.9/32

Out: 104.483 ± 0.017 χ^2/NDF : 398559.0/34

All: 105.352 ± 0.012 χ^2/NDF : 825405.7/67

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2/NDF : 14.6/16

Left Out: 235.831 $\pm$ 187.496 χ^2/NDF : 14.8/16

Right Out: -486.312 $\pm$ 268.010 χ^2/NDF : 19.6/17

Left In: -143.444 $\pm$ 187.685 χ^2/NDF : 33.2/15

Left: 46.384 $\pm$ 132.646 χ^2/NDF : 50.1/32

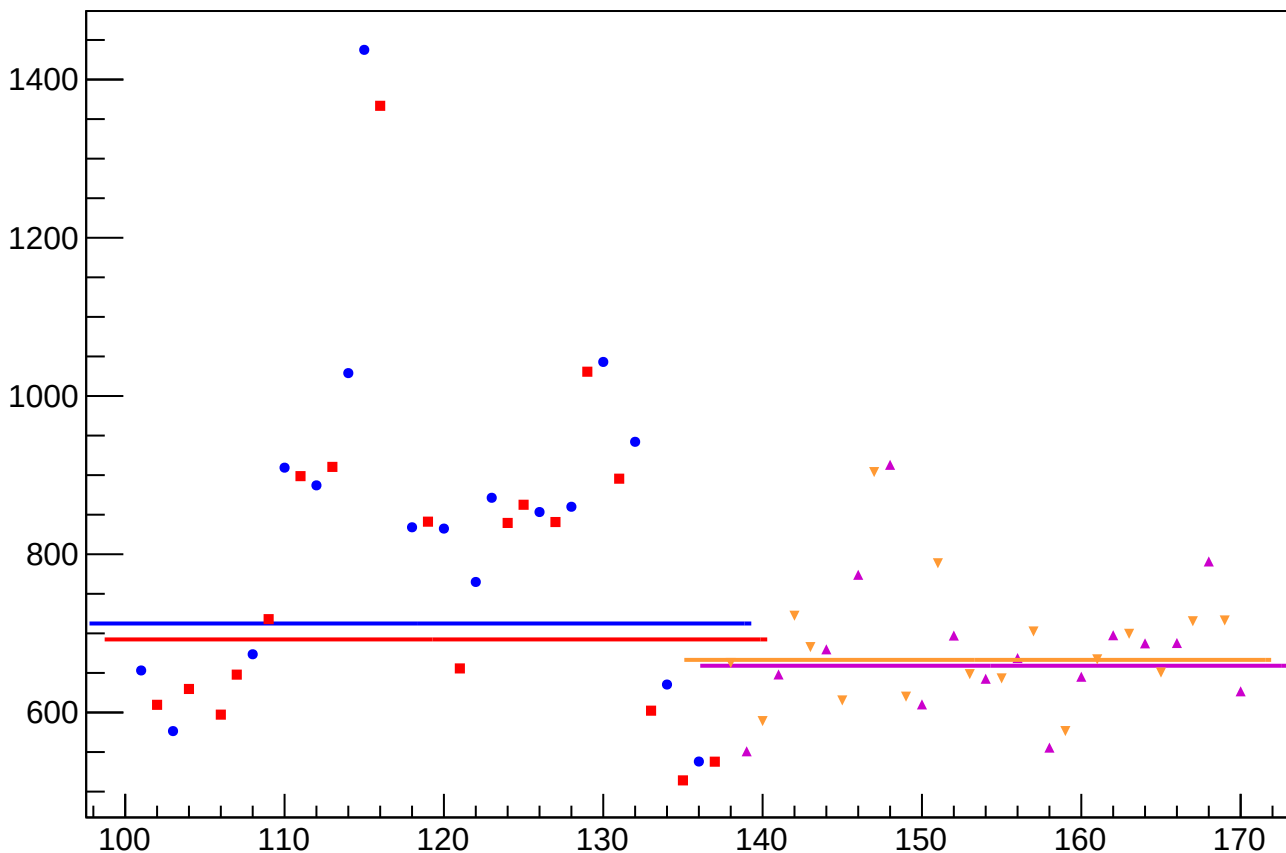
Right: -335.728 $\pm$ 194.327 χ^2/NDF : 34.9/34

In: -151.222 $\pm$ 156.274 χ^2/NDF : 47.8/32

Out: -1.464 $\pm$ 153.632 χ^2/NDF : 39.3/34

All: -75.066 $\pm$ 109.557 χ^2/NDF : 87.5/67

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 666.497+/-0.133 χ^2/NDF : 262666.9/16

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 659.079+/-0.133 χ^2/NDF : 353483.7/15

Left: 662.791+/-0.094 χ^2/NDF : 617714.4/32

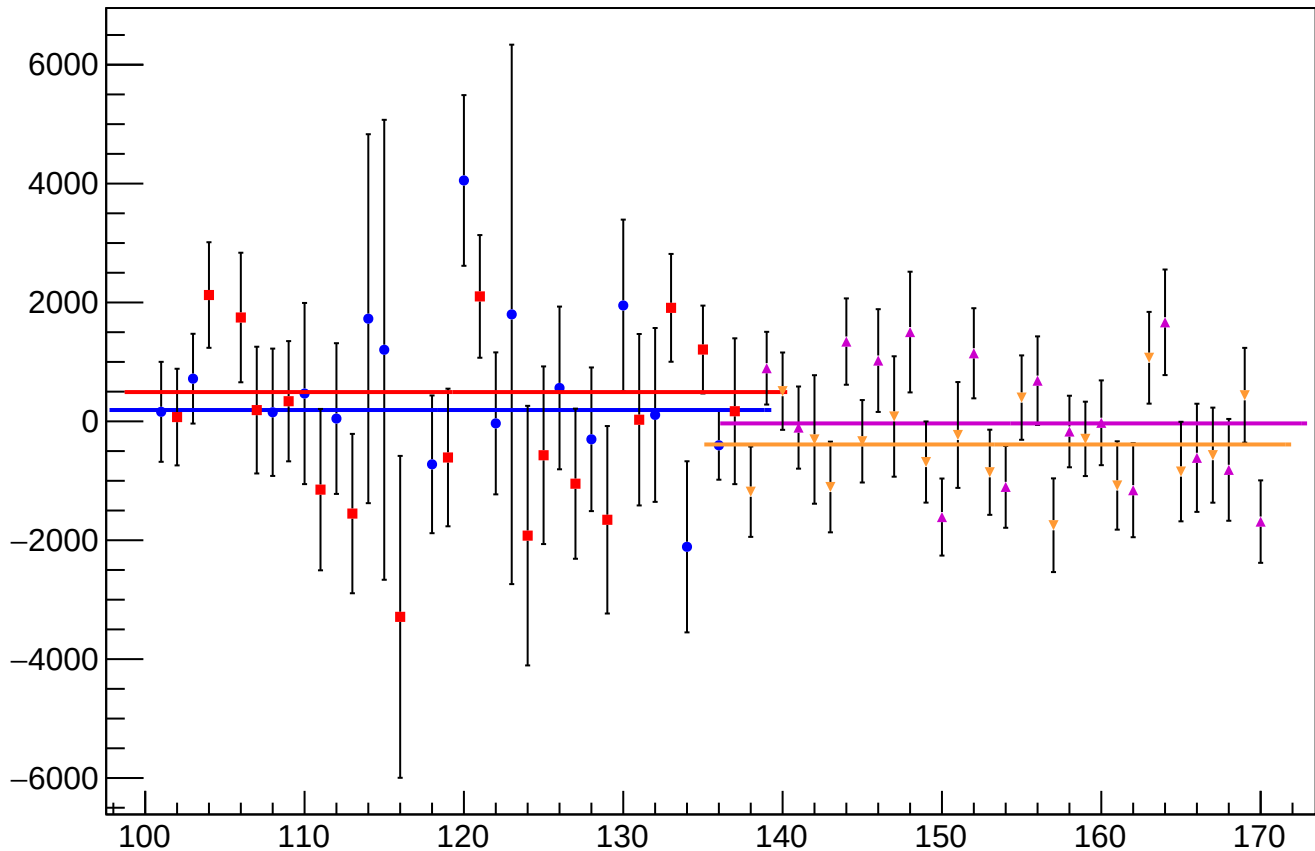
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 675.456+/-0.111 χ^2/NDF : 1063656.2/32

Out: 674.990+/-0.109 χ^2/NDF : 932107.5/34

All: 675.219+/-0.077 χ^2/NDF : 1995772.8/67

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -388.718 ± 184.799 $\chi^2/\text{NDF}: 14.8/16$

Right Out: 492.784 ± 264.629 $\chi^2/\text{NDF}: 22.8/17$

Left In: -34.506 ± 184.916 $\chi^2/\text{NDF}: 34.0/15$

Left: -211.724 ± 130.714 $\chi^2/\text{NDF}: 50.7/32$

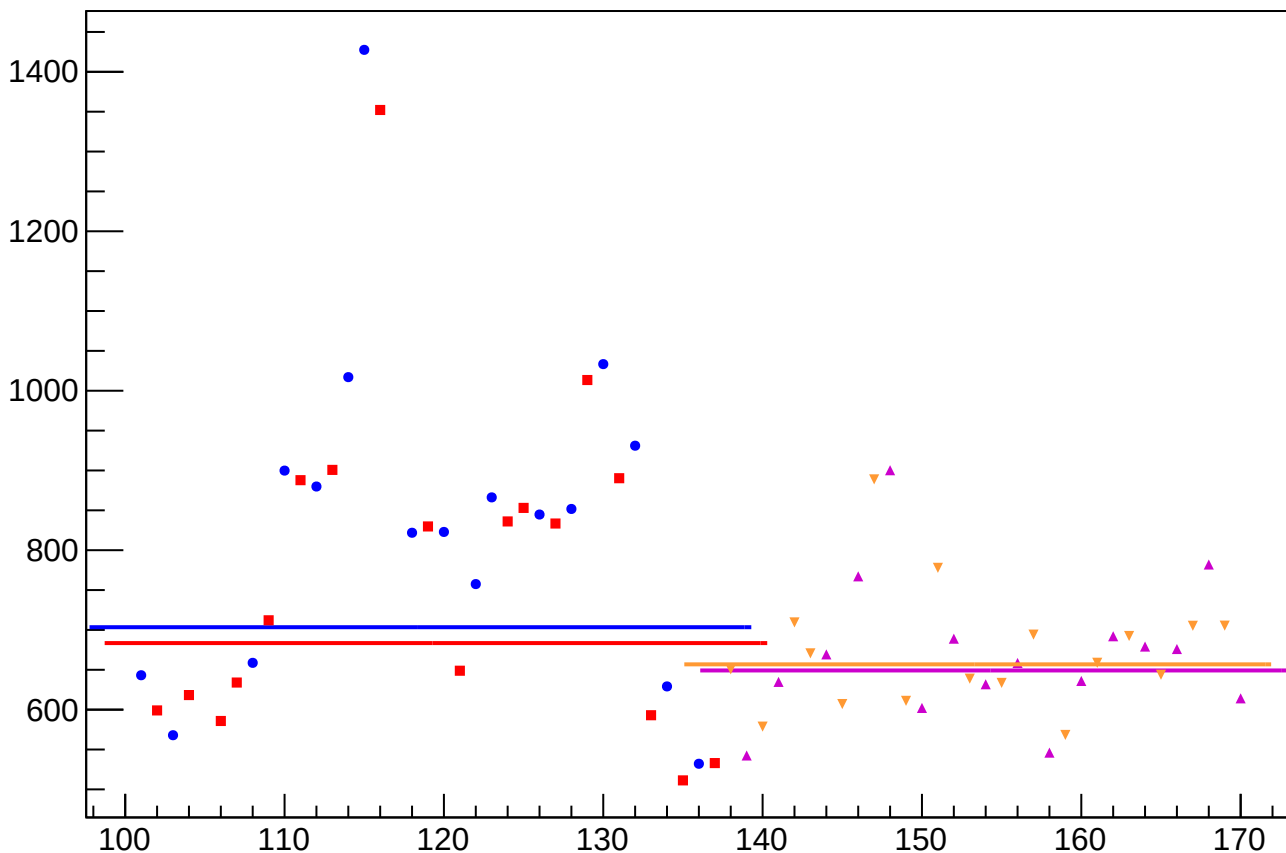
Right: 349.629 ± 191.893 $\chi^2/\text{NDF}: 37.6/34$

In: 34.397 ± 154.079 $\chi^2/\text{NDF}: 48.7/32$

Out: -99.756 ± 151.512 $\chi^2/\text{NDF}: 45.1/34$

All: -33.807 ± 108.031 $\chi^2/\text{NDF}: 94.1/67$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 656.817 $\pm$ 0.131 χ^2/NDF :262986.1/16

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 649.162 $\pm$ 0.131 χ^2/NDF :362927.5/15

Left: 652.992 $\pm$ 0.092 χ^2/NDF : 627628.3/32

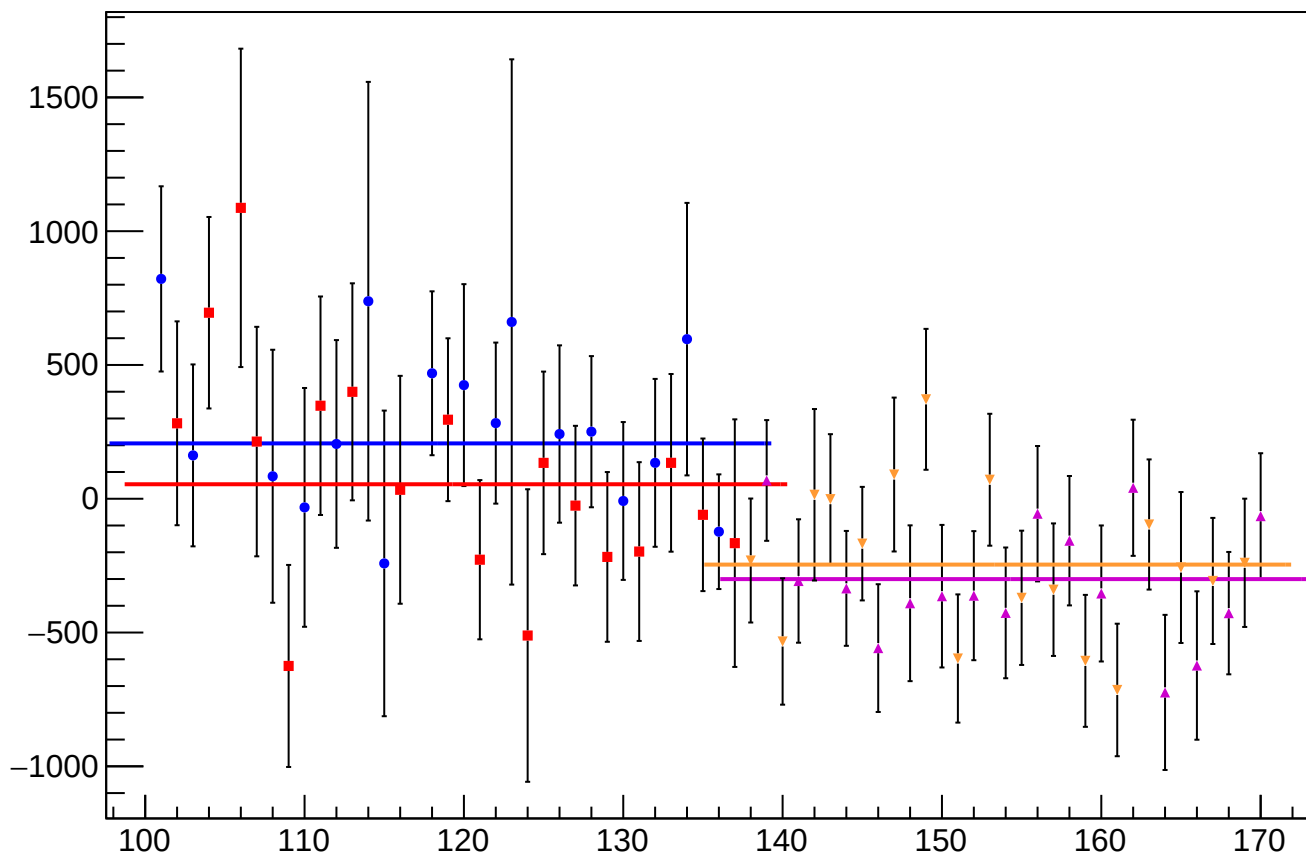
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 665.745 $\pm$ 0.109 χ^2/NDF :1082426.6/32

Out: 665.561 $\pm$ 0.107 χ^2/NDF :936003.5/34

All: 665.652 $\pm$ 0.076 χ^2/NDF : 2018431.5/67

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -246.088 ± 60.227 χ^2/NDF : 20.5/16

Right Out: 54.185 ± 85.192 χ^2/NDF : 15.7/17

Left In: -300.319 ± 61.628 χ^2/NDF : 12.3/15

Left: -272.580 ± 43.074 χ^2/NDF : 33.2/32

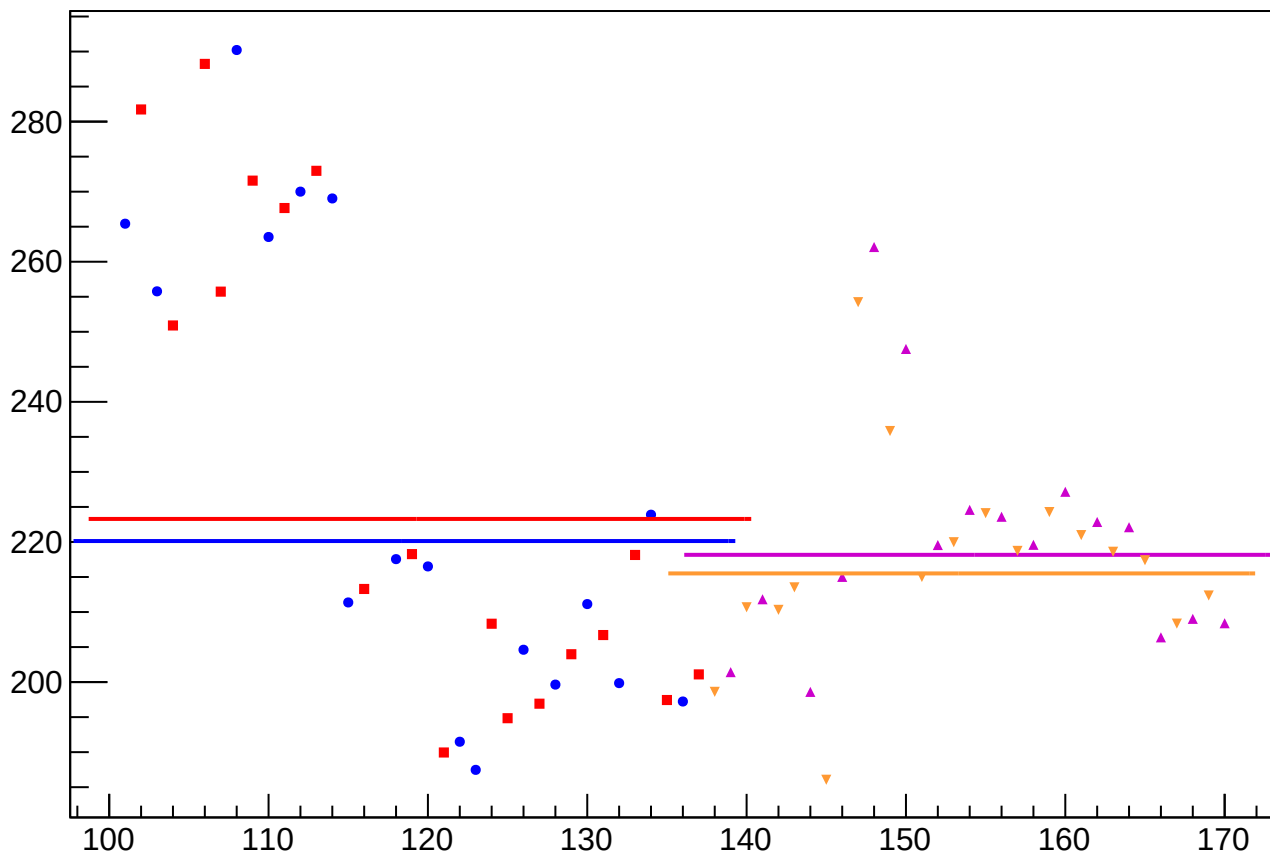
Right: 130.137 ± 60.395 χ^2/NDF : 26.8/34

In: -127.257 ± 50.020 χ^2/NDF : 44.9/32

Out: -146.025 ± 49.179 χ^2/NDF : 44.5/34

All: -136.800 ± 35.068 χ^2/NDF : 89.4/67

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: 215.511 $\pm$ 0.043 χ^2 /NDF: 108297.6/16

Right Out: 223.287 $\pm$ 0.060 χ^2 /NDF: 272255.2/17

Left In: 218.164 $\pm$ 0.044 χ^2 /NDF: 115609.8/15

Left: 216.807 $\pm$ 0.030 χ^2 /NDF: 225803.2/32

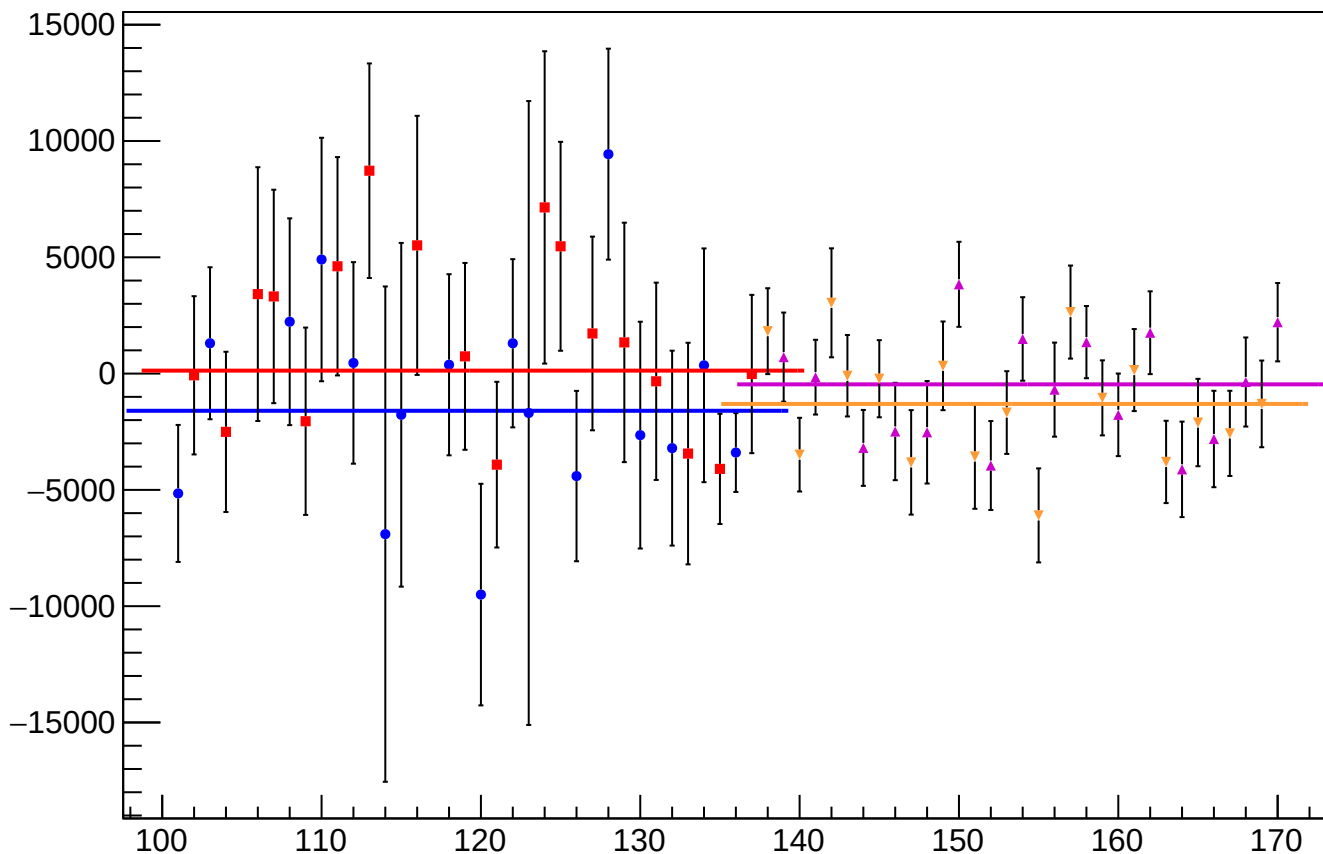
Right: 221.718 $\pm$ 0.043 χ^2 /NDF: 502063.5/34

In: 218.836 $\pm$ 0.035 χ^2 /NDF: 344750.3/32

Out: 218.102 $\pm$ 0.035 χ^2 /NDF: 391664.7/34

All: 218.463 $\pm$ 0.025 χ^2 /NDF: 736633.6/67

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: -1304.151 $\pm$ 449.929 χ^2 /NDF:25.0/16

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -462.300 $\pm$ 459.352 χ^2 /NDF:25.5/15

Left: -891.949 $\pm$ 321.427 χ^2 /NDF: 52.3/32

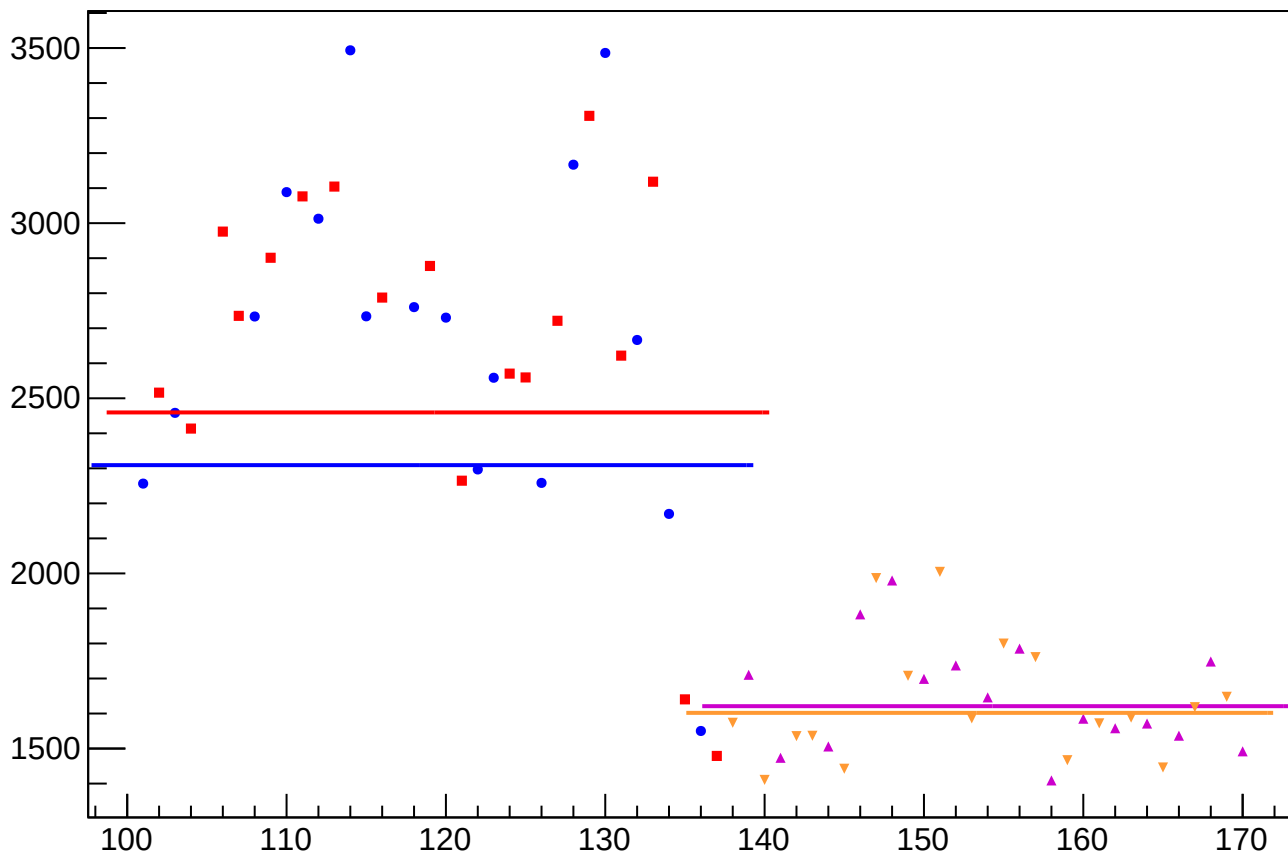
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -688.725 $\pm$ 411.065 χ^2 /NDF:43.4/32

Out: -1041.401 $\pm$ 406.558 χ^2 /NDF:41.7/34

All: -867.007 $\pm$ 289.060 χ^2 /NDF: 85.5/67

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1601.910+/-0.318 χ^2/NDF : 243283.9/16

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1620.981+/-0.325 χ^2/NDF : 205833.5/15

Left: 1611.248+/-0.227 χ^2/NDF : 450876.8/32

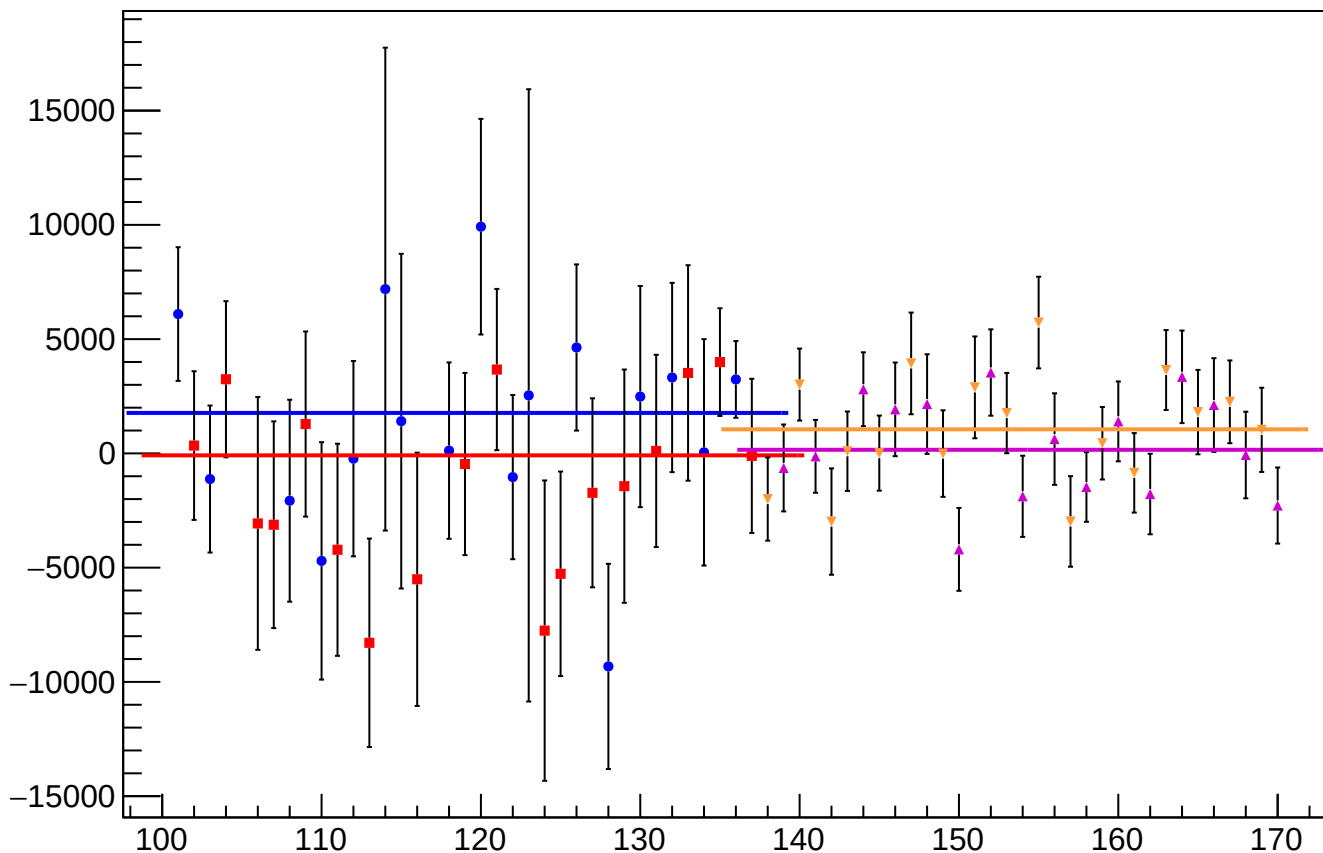
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1758.052+/-0.291 χ^2/NDF : 1900626.4/32

Out: 1759.294+/-0.287 χ^2/NDF : 2245088.2/34

All: 1758.680+/-0.204 χ^2/NDF : 4145723.8/67

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 1053.095+/-445.086 χ^2/NDF : 24.6/16

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 157.715+/-453.929 χ^2/NDF : 23.2/15

Left: 614.211+/-317.804 χ^2/NDF : 49.9/32

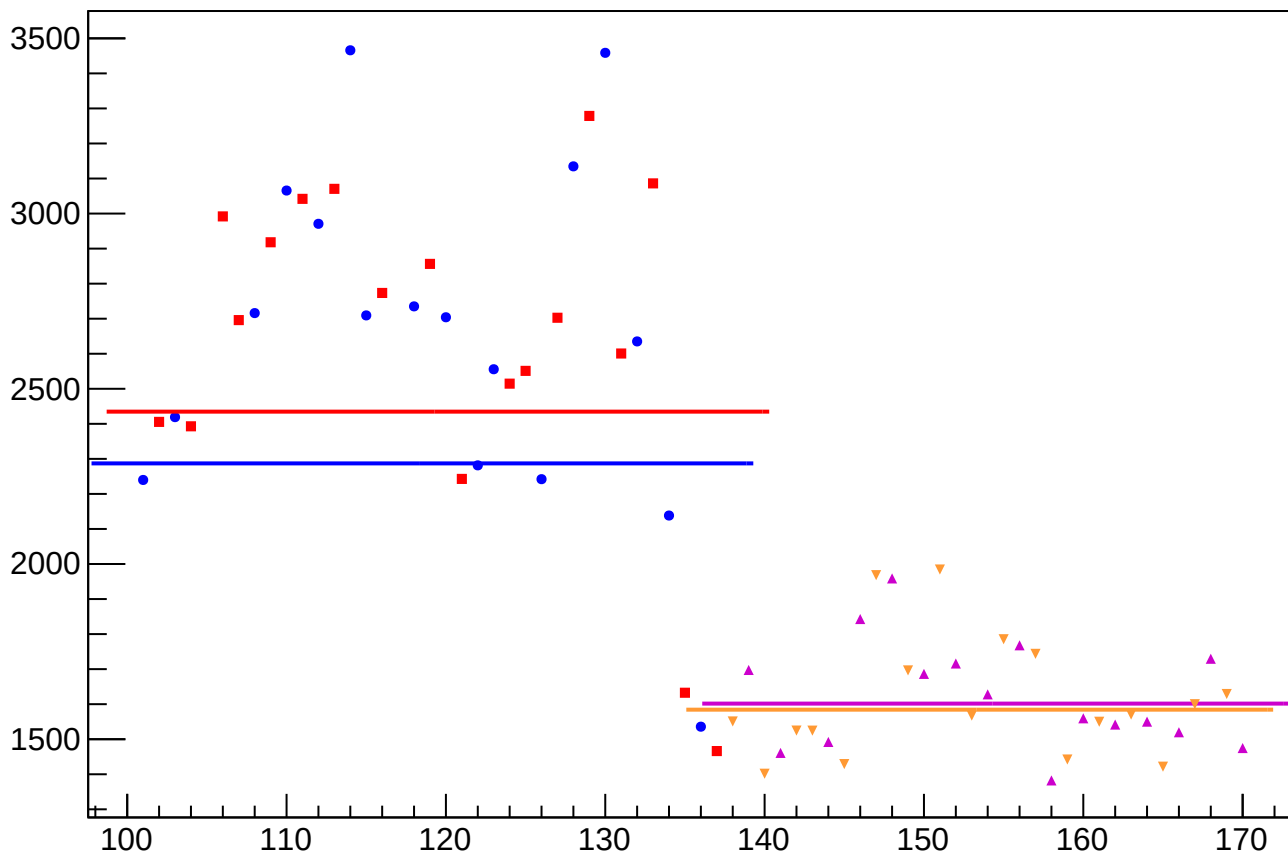
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 477.900+/-406.404 χ^2/NDF : 43.1/32

Out: 844.414+/-402.259 χ^2/NDF : 40.3/34

All: 663.035+/-285.894 χ^2/NDF : 83.8/67

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1584.335+/-0.315 χ^2/NDF : 247189.6/16

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1601.656+/-0.321 χ^2/NDF : 207303.4/15

Left: 1592.825+/-0.225 χ^2/NDF : 455977.7/32

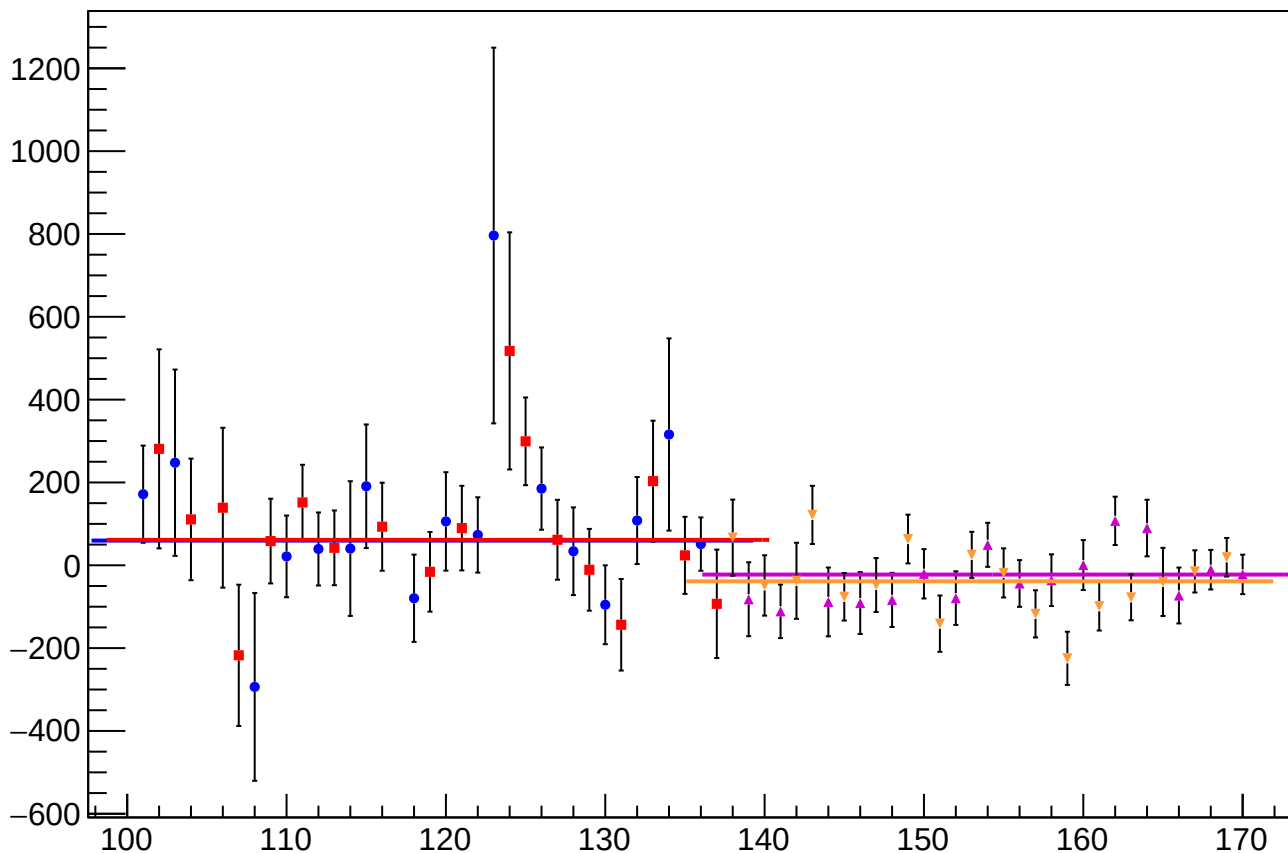
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1737.671+/-0.287 χ^2/NDF : 1911629.7/32

Out: 1740.126+/-0.284 χ^2/NDF : 2251746.9/34

All: 1738.911+/-0.202 χ^2/NDF : 4163413.4/67

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 χ^2/NDF : 15.3/16

Left Out: -38.723 ± 14.999 χ^2/NDF : 27.3/16

Right Out: 61.399 ± 27.011 χ^2/NDF : 19.7/17

Left In: -22.417 ± 15.340 χ^2/NDF : 15.9/15

Left: -30.753 ± 10.724 χ^2/NDF : 43.8/32

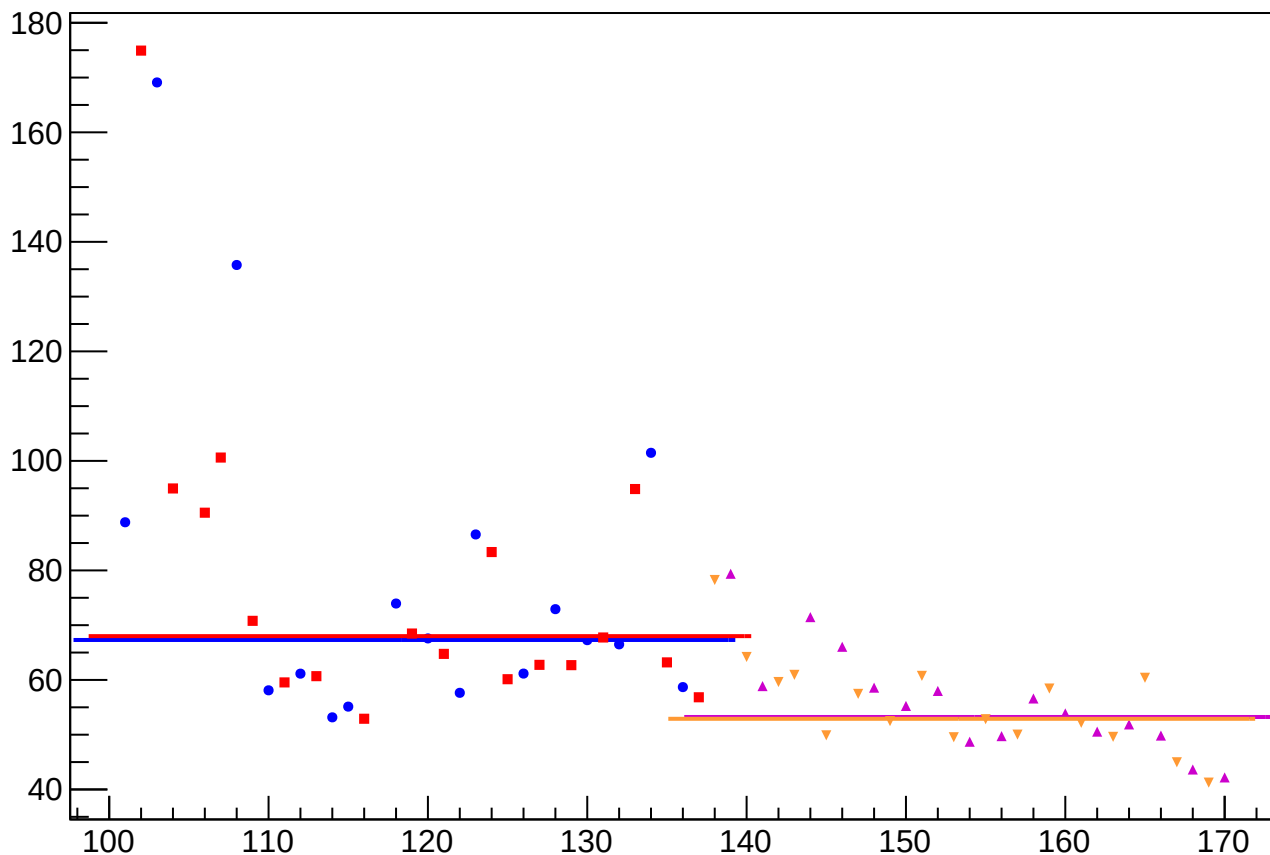
Right: 60.530 ± 19.124 χ^2/NDF : 35.0/34

In: -2.478 ± 13.347 χ^2/NDF : 38.2/32

Out: -15.126 ± 13.113 χ^2/NDF : 57.5/34

All: -8.914 ± 9.354 χ^2/NDF : 96.2/67

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: 52.904 $\pm$ 0.011 χ^2 /NDF: 504367.0/16

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 53.234 $\pm$ 0.011 χ^2 /NDF: 594851.9/15

Left: 53.065 $\pm$ 0.008 χ^2 /NDF: 1099693.4/32

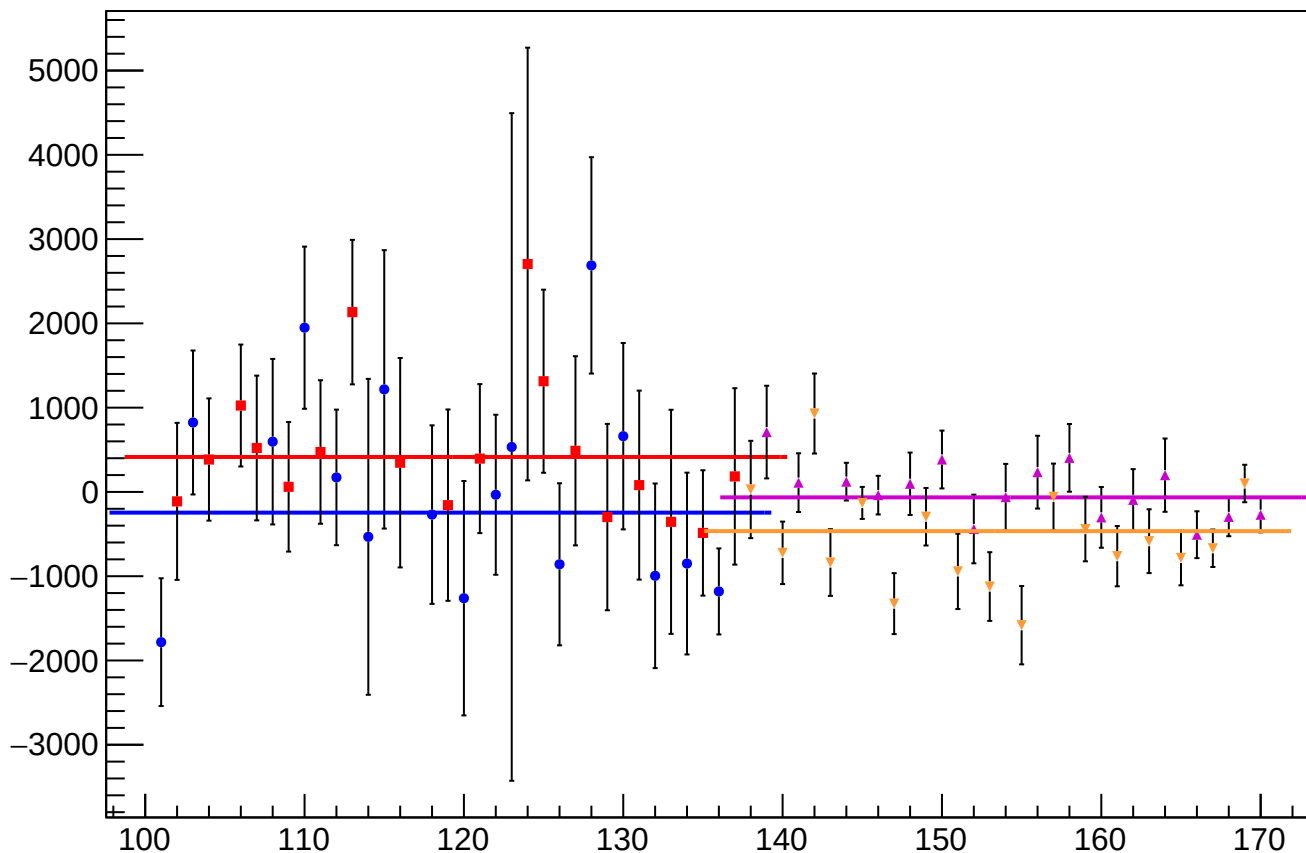
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 56.651 $\pm$ 0.009 χ^2 /NDF: 1844535.1/32

Out: 56.461 $\pm$ 0.009 χ^2 /NDF: 1736080.7/34

All: 56.554 $\pm$ 0.007 χ^2 /NDF: 3580820.6/67

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -465.094 $\pm$ 79.371 χ^2 /NDF:39.4/16

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: -64.616 $\pm$ 77.697 χ^2 /NDF:12.9/15

Left: -260.588 $\pm$ 55.522 χ^2 /NDF: 65.3/32

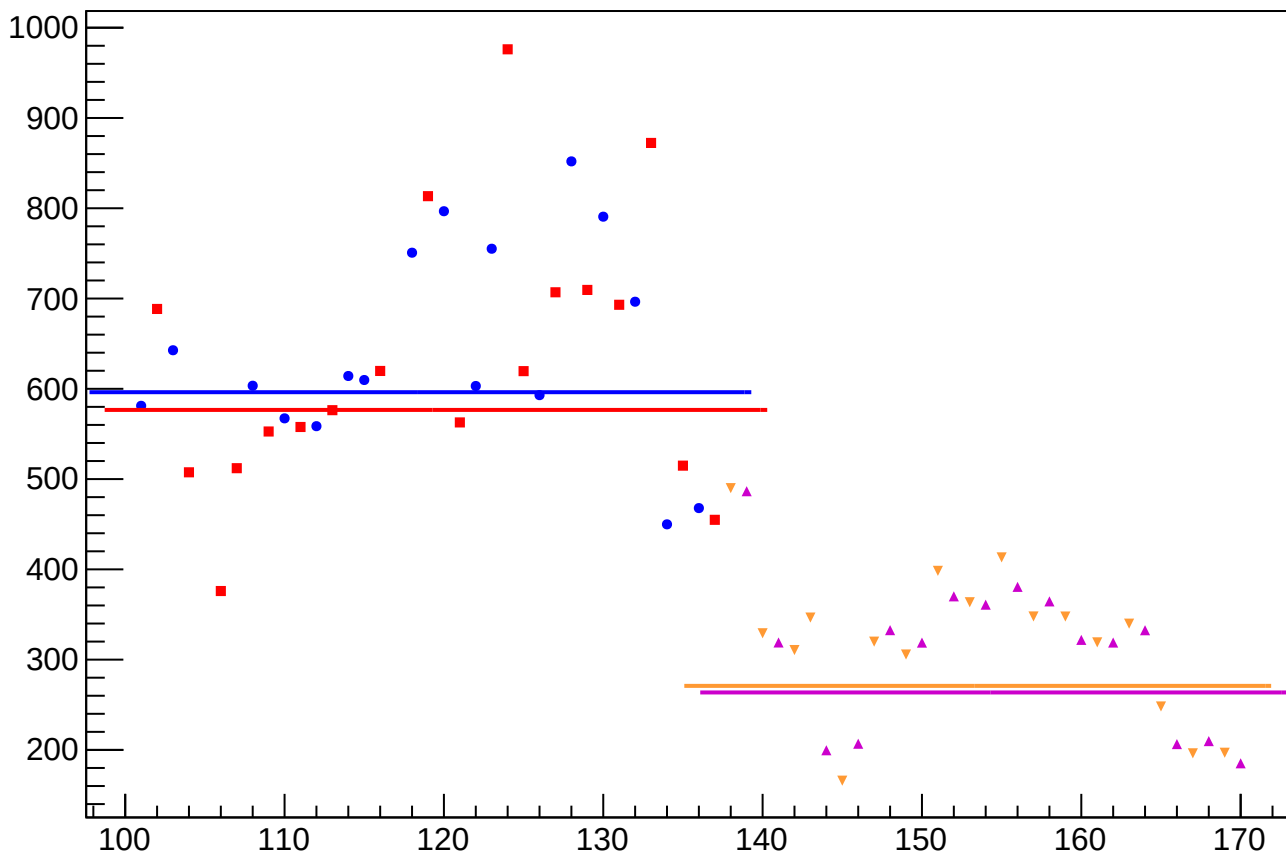
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -82.398 $\pm$ 73.782 χ^2 /NDF:37.2/32

Out: -366.002 $\pm$ 74.768 χ^2 /NDF:62.6/34

All: -222.319 $\pm$ 52.517 χ^2 /NDF: 107.1/67

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: 270.937 $\pm$ 0.056 χ^2 /NDF:2264690.0/16

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 263.647 $\pm$ 0.055 χ^2 /NDF:1943683.0/15

Left: 267.214 $\pm$ 0.039 χ^2 /NDF: 4216989.4/32

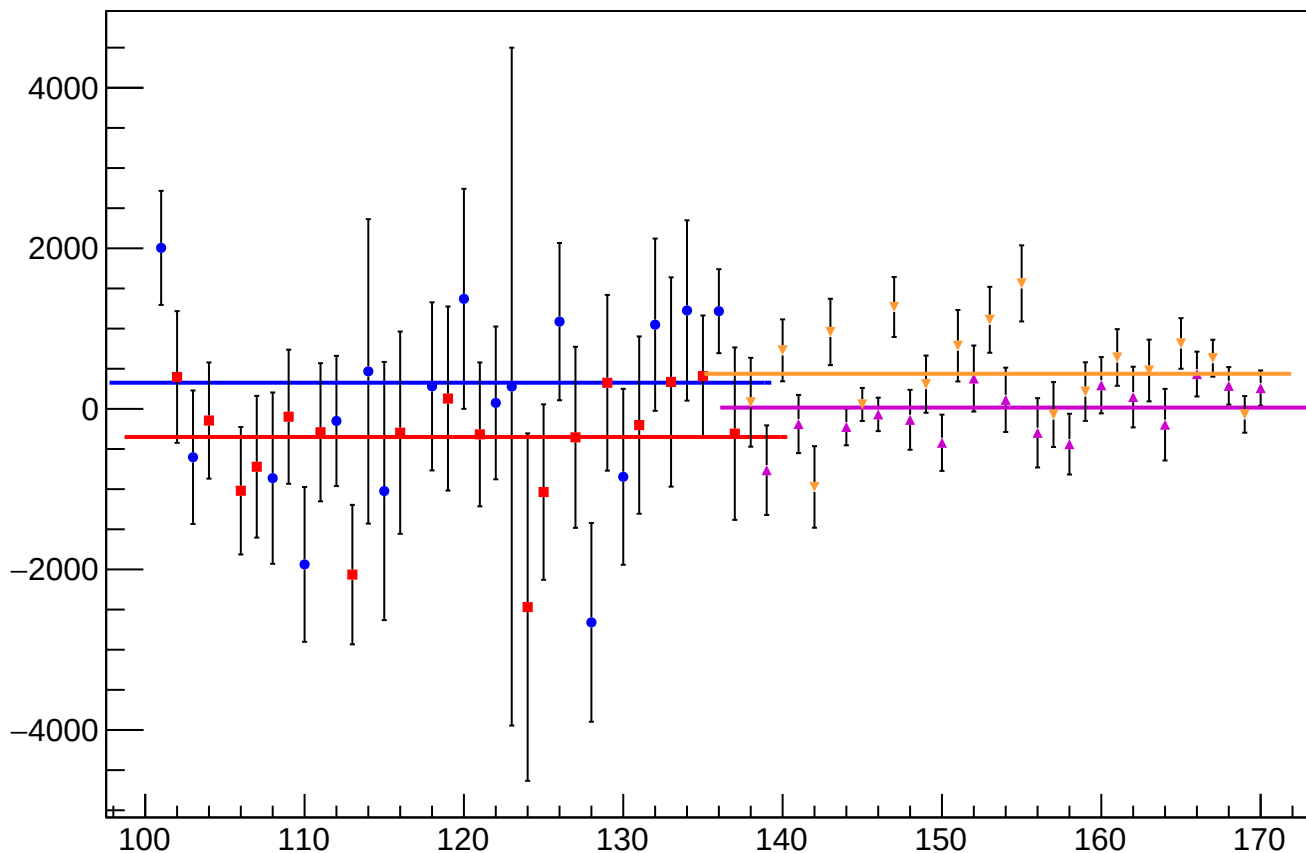
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 296.320 $\pm$ 0.052 χ^2 /NDF:5966119.0/32

Out: 305.364 $\pm$ 0.053 χ^2 /NDF:6179363.2/34

All: 300.782 $\pm$ 0.037 χ^2 /NDF: 12160309.2/67

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 437.110+/-81.531 χ^2/NDF : 37.1/16

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: 16.155+/-77.896 χ^2/NDF : 13.9/15

Left: 217.041+/-56.322 χ^2/NDF : 64.9/32

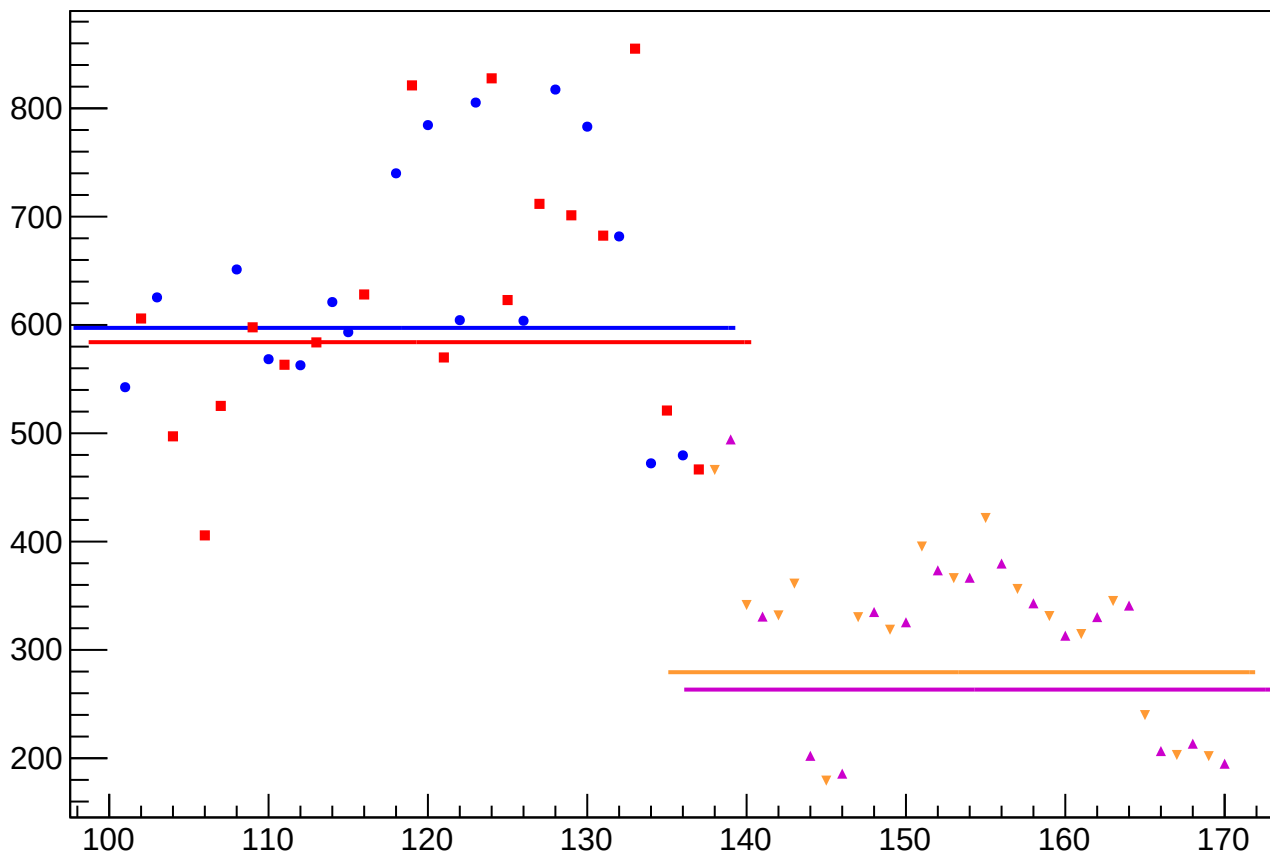
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: 46.696+/-73.959 χ^2/NDF : 42.3/32

Out: 345.891+/-76.664 χ^2/NDF : 56.9/34

All: 190.922+/-53.227 χ^2/NDF : 107.1/67

asym_sam_37_dd_rms vs Slug, Sign Corrected



Left: 271.024 $\pm$ 0.040 χ^2/NDF : 4045103.3/32

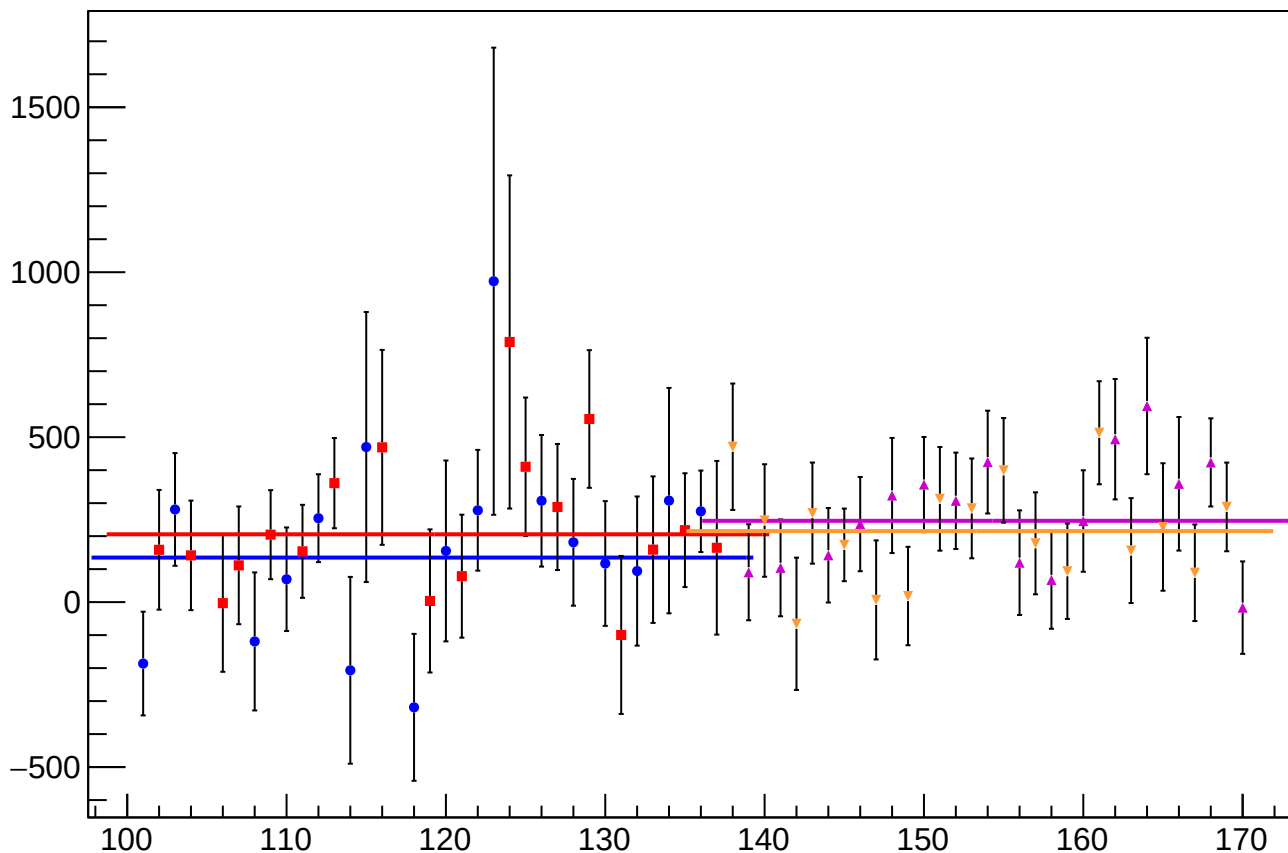
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 296.272 $\pm$ 0.052 χ^2/NDF : 5996288.6/32

Out: 314.708 $\pm$ 0.054 χ^2/NDF : 5676429.5/34

All: 305.159 $\pm$ 0.038 χ^2/NDF : 11732622.5/67

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: 215.268 $\pm$ 37.521 χ^2 /NDF:14.7/16

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 246.450 $\pm$ 38.557 χ^2 /NDF:17.2/15

Left: 230.434 $\pm$ 26.890 χ^2 /NDF: 32.2/32

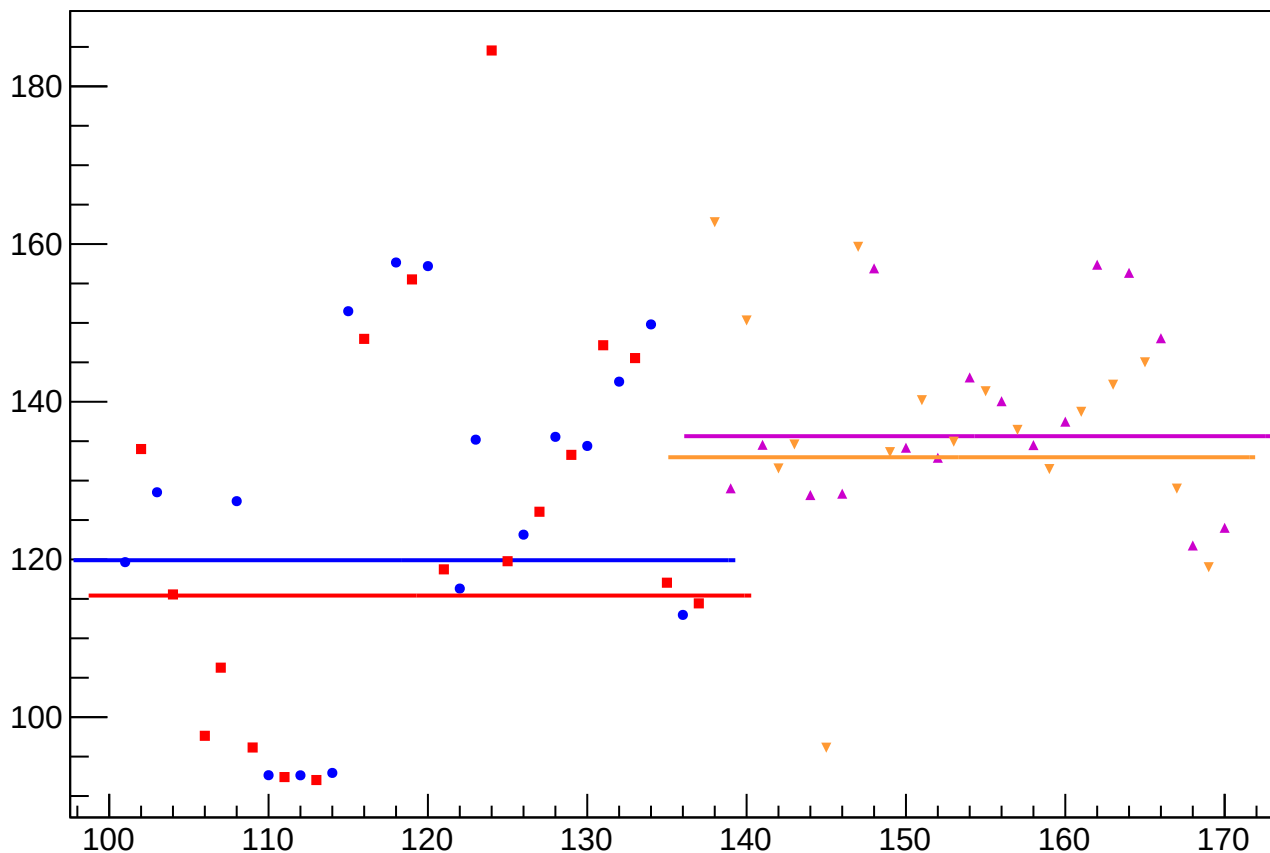
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 201.656 $\pm$ 29.816 χ^2 /NDF:38.6/32

Out: 211.251 $\pm$ 28.695 χ^2 /NDF:26.7/34

All: 206.637 $\pm$ 20.675 χ^2 /NDF: 65.4/67

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: 132.964 $\pm$ 0.027 χ^2/NDF : 388778.8/16

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

Left In: 135.635 $\pm$ 0.027 χ^2/NDF : 143350.1/15

Left: 134.263 $\pm$ 0.019 χ^2/NDF : 537056.8/32

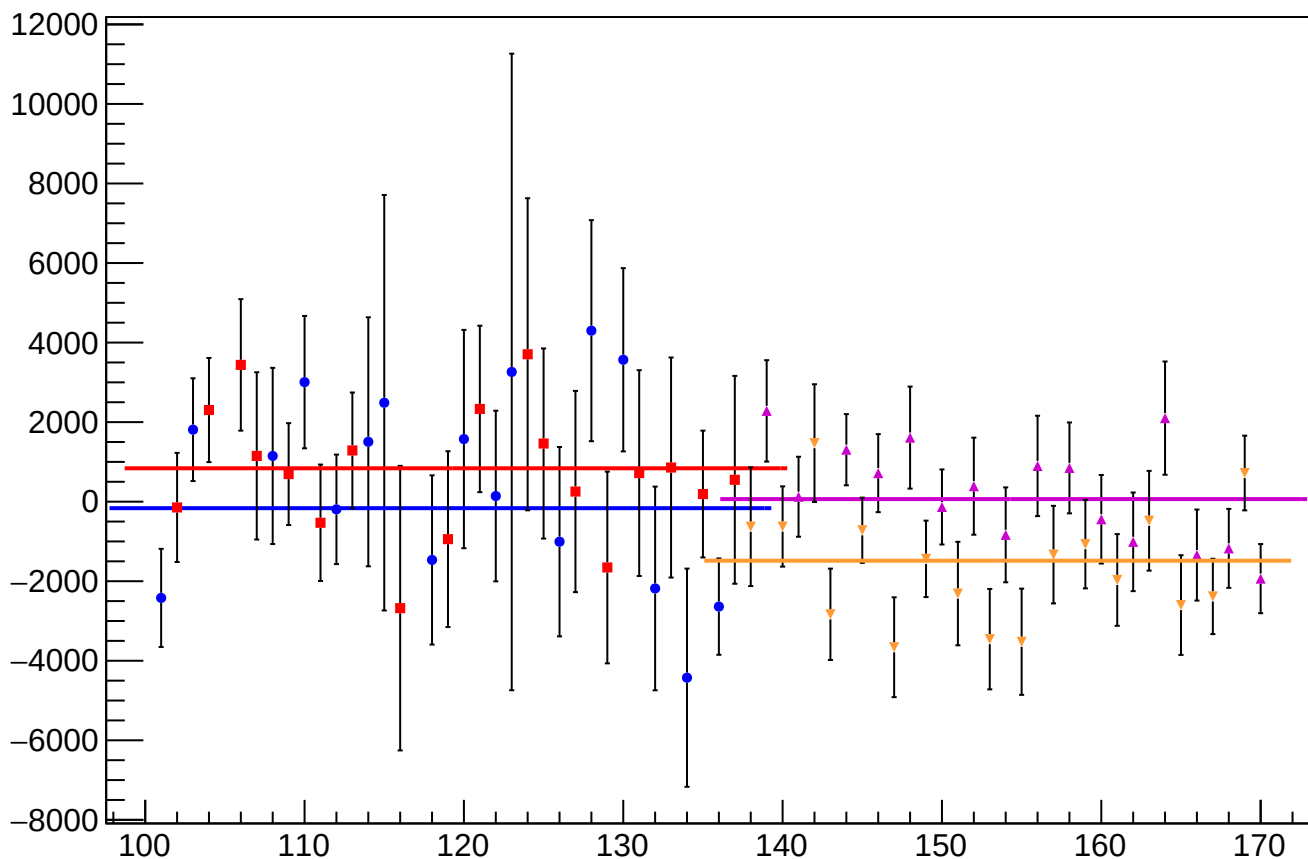
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 129.310 $\pm$ 0.021 χ^2/NDF : 622704.8/32

Out: 125.682 $\pm$ 0.020 χ^2/NDF : 988362.7/34

All: 127.427 $\pm$ 0.015 χ^2/NDF : 1626445.0/67

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: -1484.475 $\pm$ 273.457 χ^2 /NDF:23.6/16

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 64.804 $\pm$ 272.756 χ^2 /NDF:19.8/15

Left: -707.847 $\pm$ 193.115 χ^2 /NDF: 59.5/32

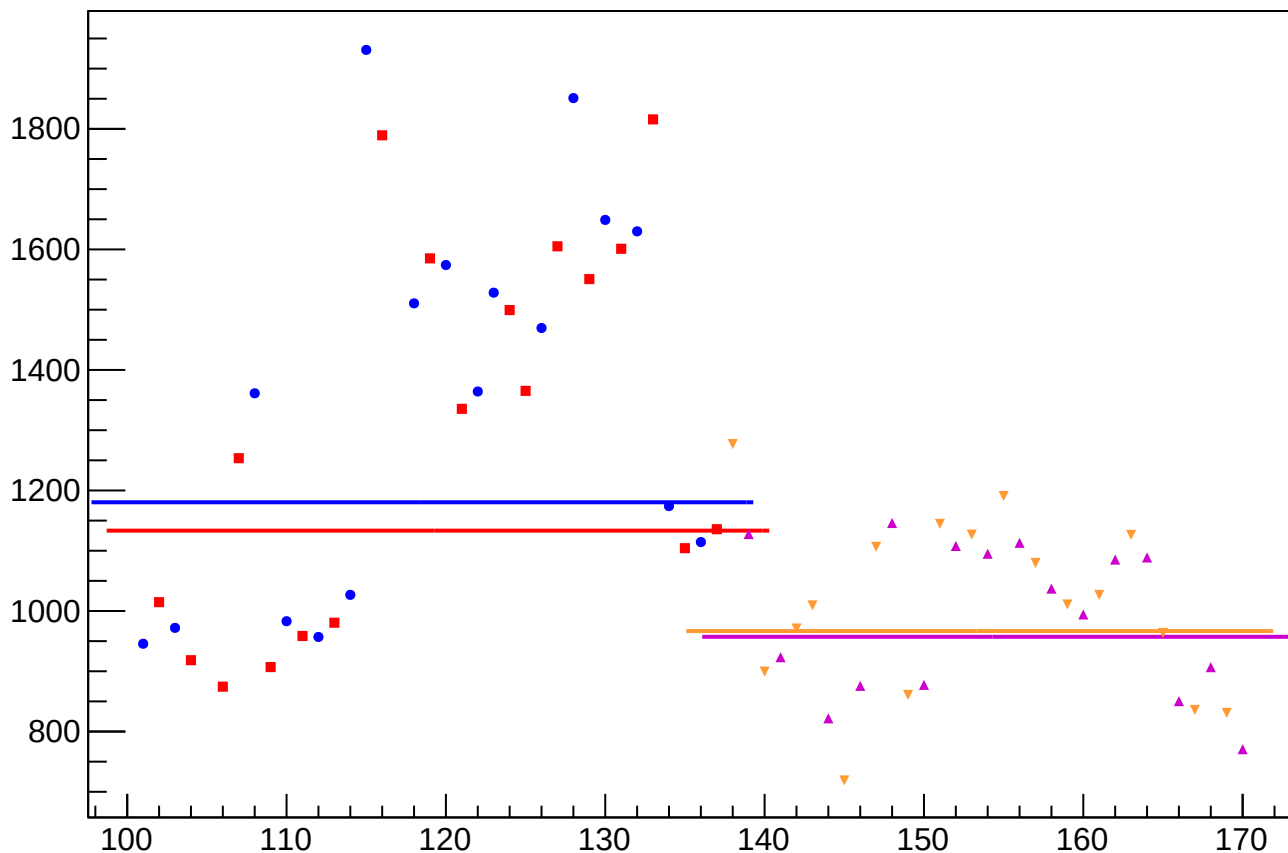
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 7.201 $\pm$ 235.857 χ^2 /NDF:43.7/32

Out: -838.039 $\pm$ 232.326 χ^2 /NDF:53.0/34

All: -421.792 $\pm$ 165.514 χ^2 /NDF: 103.2/67

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: 966.686 $\pm$ 0.193 χ^2 /NDF: 593322.8/16

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 957.170 $\pm$ 0.193 χ^2 /NDF: 407988.8/15

Left: 961.916 $\pm$ 0.137 χ^2 /NDF: 1002525.8/32

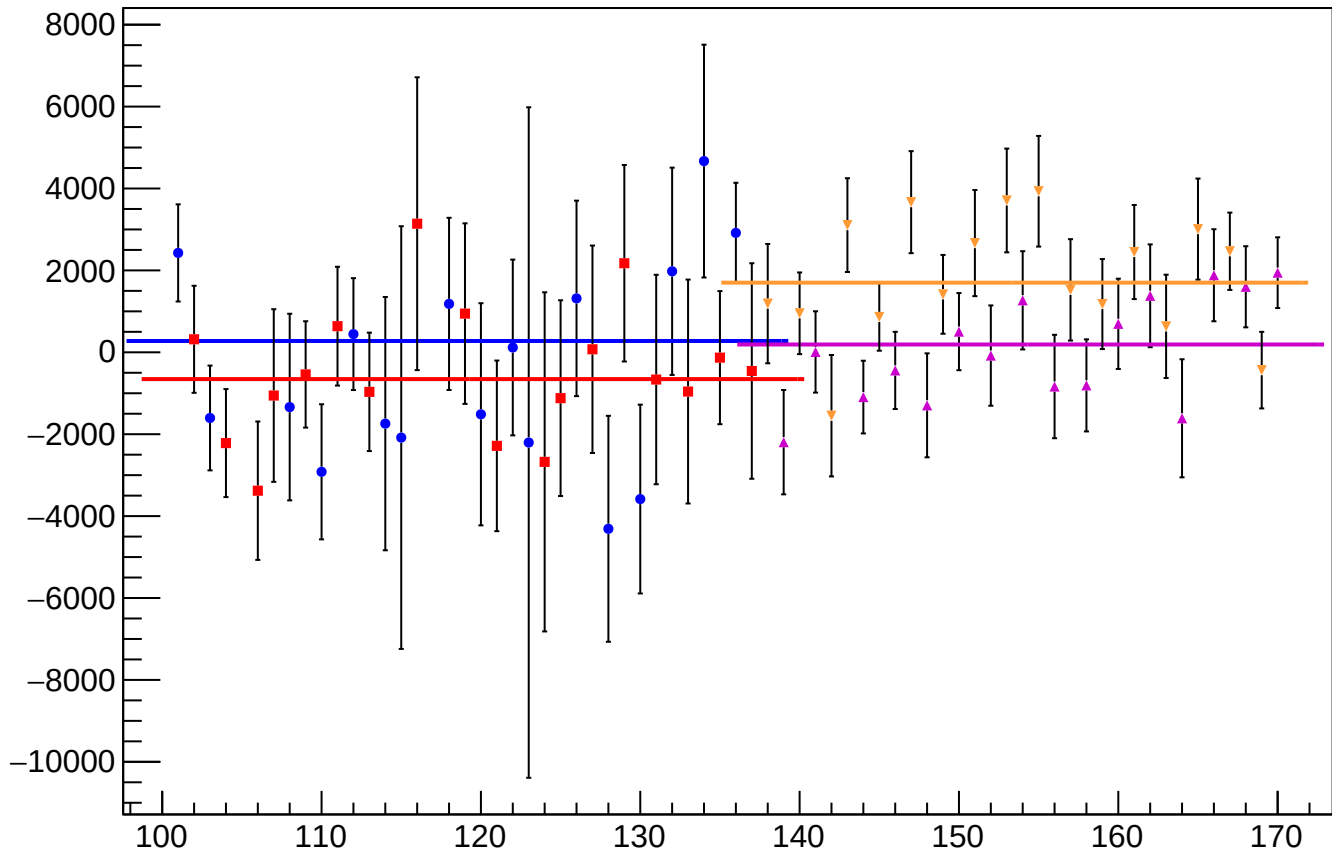
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1013.483 $\pm$ 0.167 χ^2 /NDF: 1414787.1/32

Out: 1013.051 $\pm$ 0.164 χ^2 /NDF: 1560385.2/34

All: 1013.264 $\pm$ 0.117 χ^2 /NDF: 2975175.7/67

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1700.460 $\pm$ 272.711 χ^2 /NDF:24.8/16

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: 190.679 $\pm$ 270.730 χ^2 /NDF:21.0/15

Left: 940.066 $\pm$ 192.132 χ^2 /NDF: 61.2/32

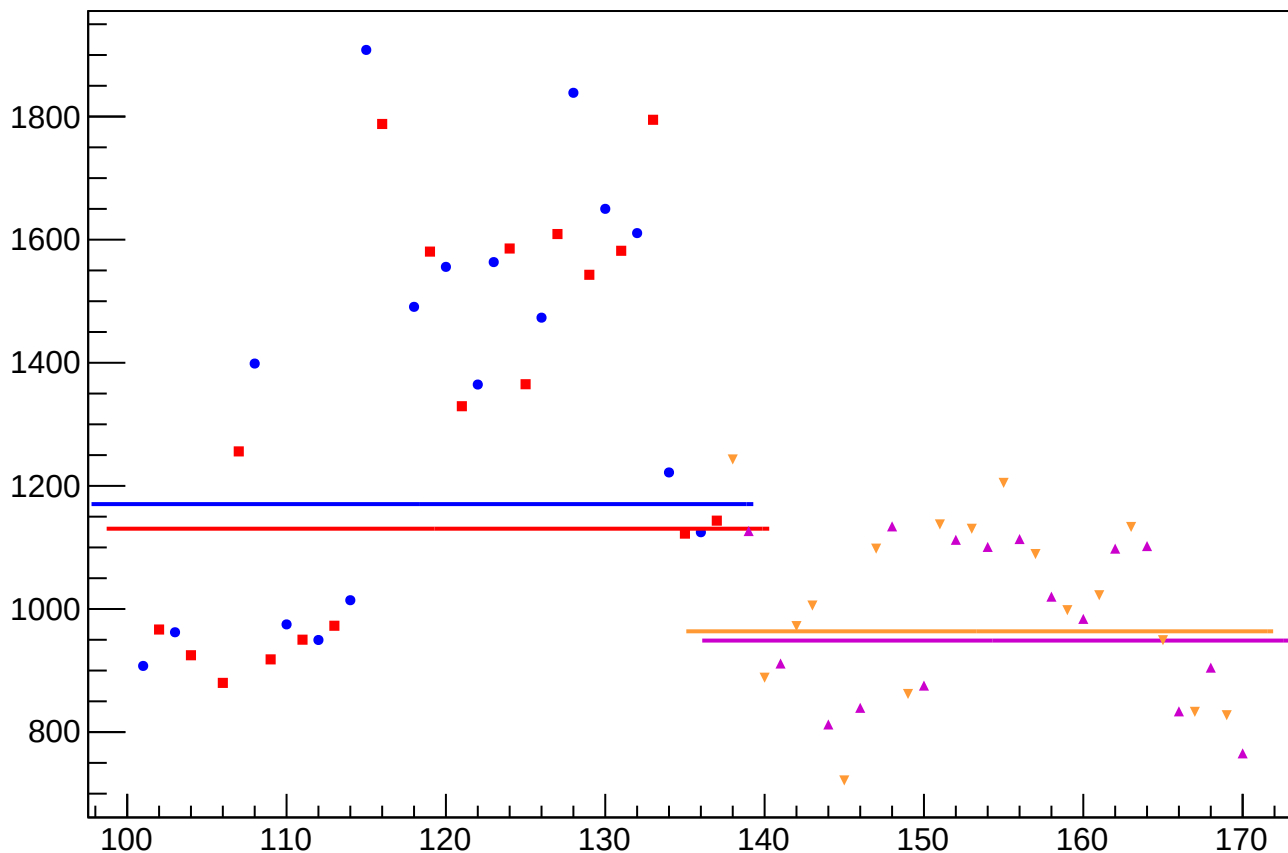
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: 212.287 $\pm$ 234.146 χ^2 /NDF:45.3/32

Out: 1046.524 $\pm$ 231.773 χ^2 /NDF:55.1/34

All: 633.653 $\pm$ 164.721 χ^2 /NDF: 106.8/67

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 963.737 $\pm$ 0.193 χ^2/NDF : 585227.3/16

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 948.697 $\pm$ 0.191 χ^2/NDF : 448670.0/15

Left: 956.162 $\pm$ 0.136 χ^2/NDF : 1036961.0/32

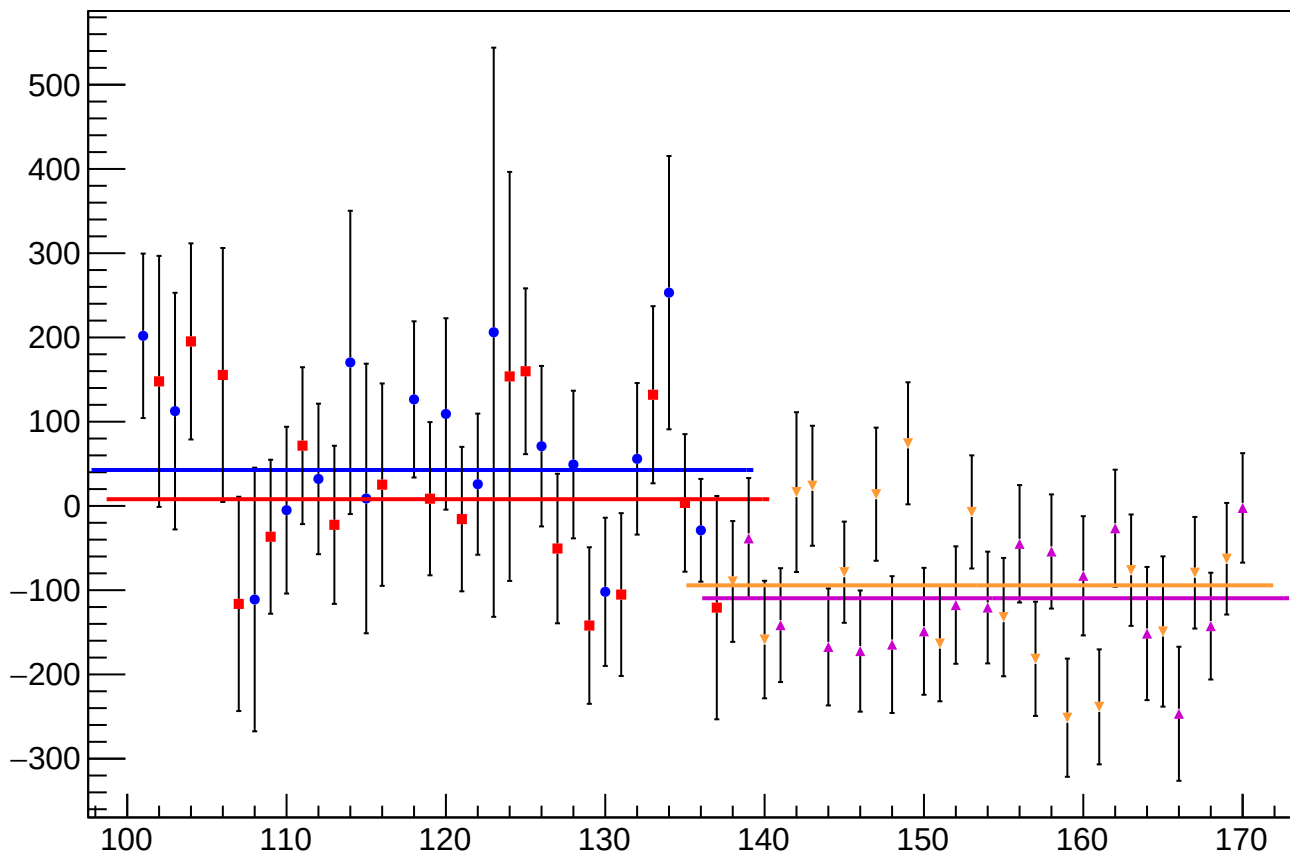
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1004.568 $\pm$ 0.166 χ^2/NDF : 1492164.4/32

Out: 1010.034 $\pm$ 0.164 χ^2/NDF : 1555825.4/34

All: 1007.329 $\pm$ 0.116 χ^2/NDF : 3048540.3/67

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -94.258 ± 17.101 $\chi^2/\text{NDF}: 27.2/16$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -109.547 ± 17.649 $\chi^2/\text{NDF}: 12.8/15$

Left: -101.661 ± 12.281 $\chi^2/\text{NDF}: 40.4/32$

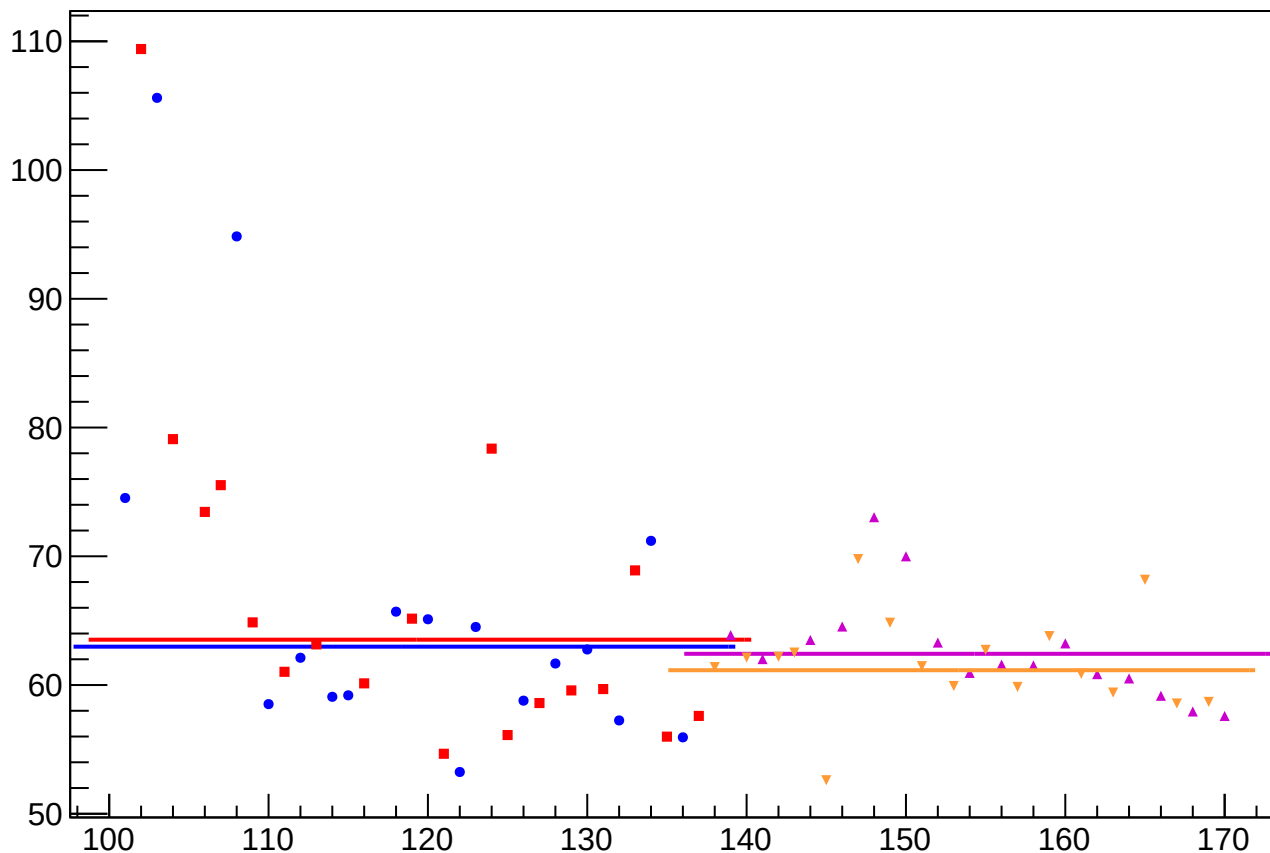
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -58.099 ± 14.360 $\chi^2/\text{NDF}: 49.9/32$

Out: -60.747 ± 14.021 $\chi^2/\text{NDF}: 54.7/34$

All: -59.455 ± 10.032 $\chi^2/\text{NDF}: 104.6/67$

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: 61.151 $\pm$ 0.012 χ^2 /NDF: 95896.5/16

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 62.425 $\pm$ 0.012 χ^2 /NDF: 86287.1/15

Left: 61.768 $\pm$ 0.009 χ^2 /NDF: 187560.9/32

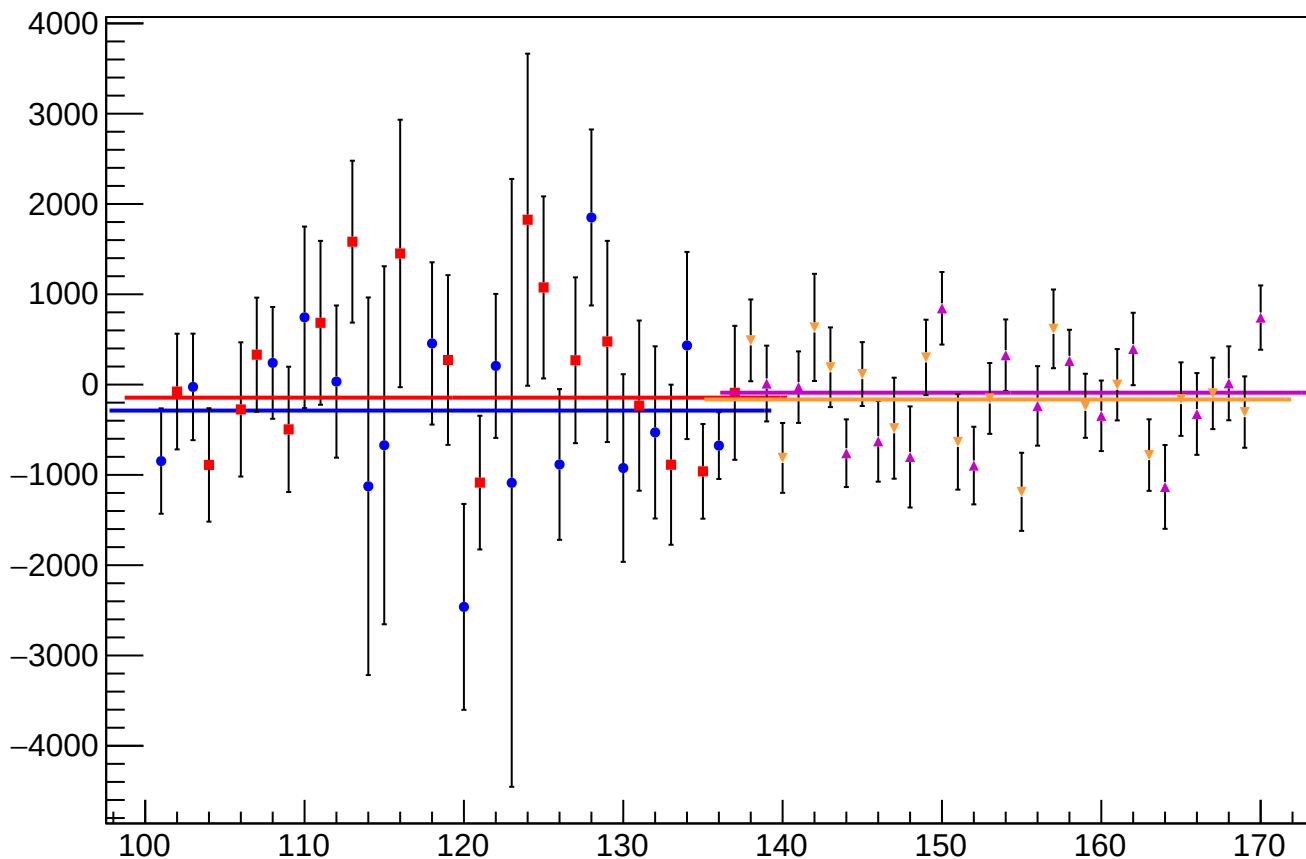
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 62.613 $\pm$ 0.010 χ^2 /NDF: 462219.3/32

Out: 61.928 $\pm$ 0.010 χ^2 /NDF: 443933.2/34

All: 62.262 $\pm$ 0.007 χ^2 /NDF: 908480.2/67

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: -164.435 $\pm$ 101.692 χ^2 /NDF:21.9/16

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -89.524 $\pm$ 102.557 χ^2 /NDF:30.3/15

Left: -127.297 $\pm$ 72.211 χ^2 /NDF: 52.5/32

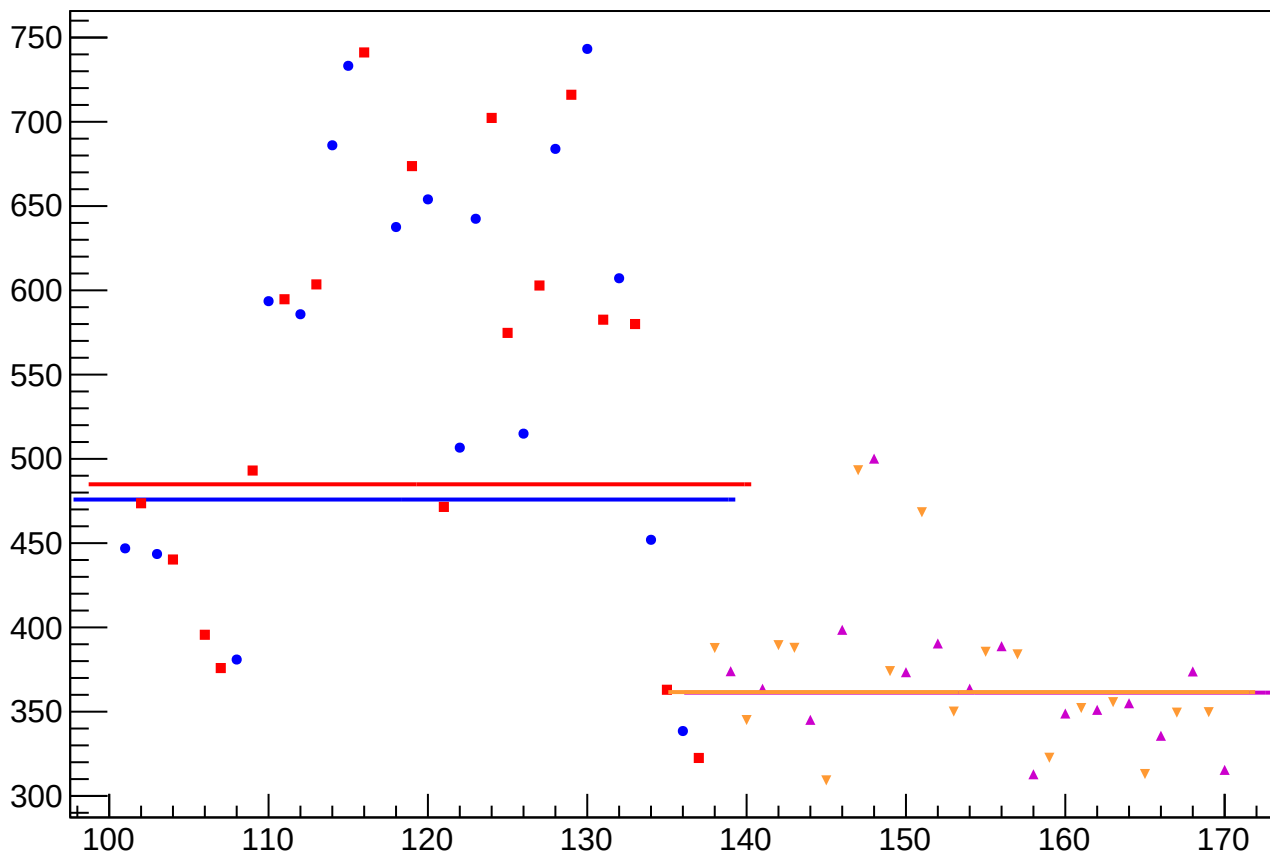
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -134.274 $\pm$ 90.237 χ^2 /NDF:46.5/32

Out: -159.942 $\pm$ 89.421 χ^2 /NDF:38.0/34

All: -147.224 $\pm$ 63.517 χ^2 /NDF: 84.5/67

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 361.623+/-0.072 χ^2/NDF : 330864.9/16

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 361.298+/-0.073 χ^2/NDF : 246124.2/15

Left: 361.462+/-0.051 χ^2/NDF : 576999.1/32

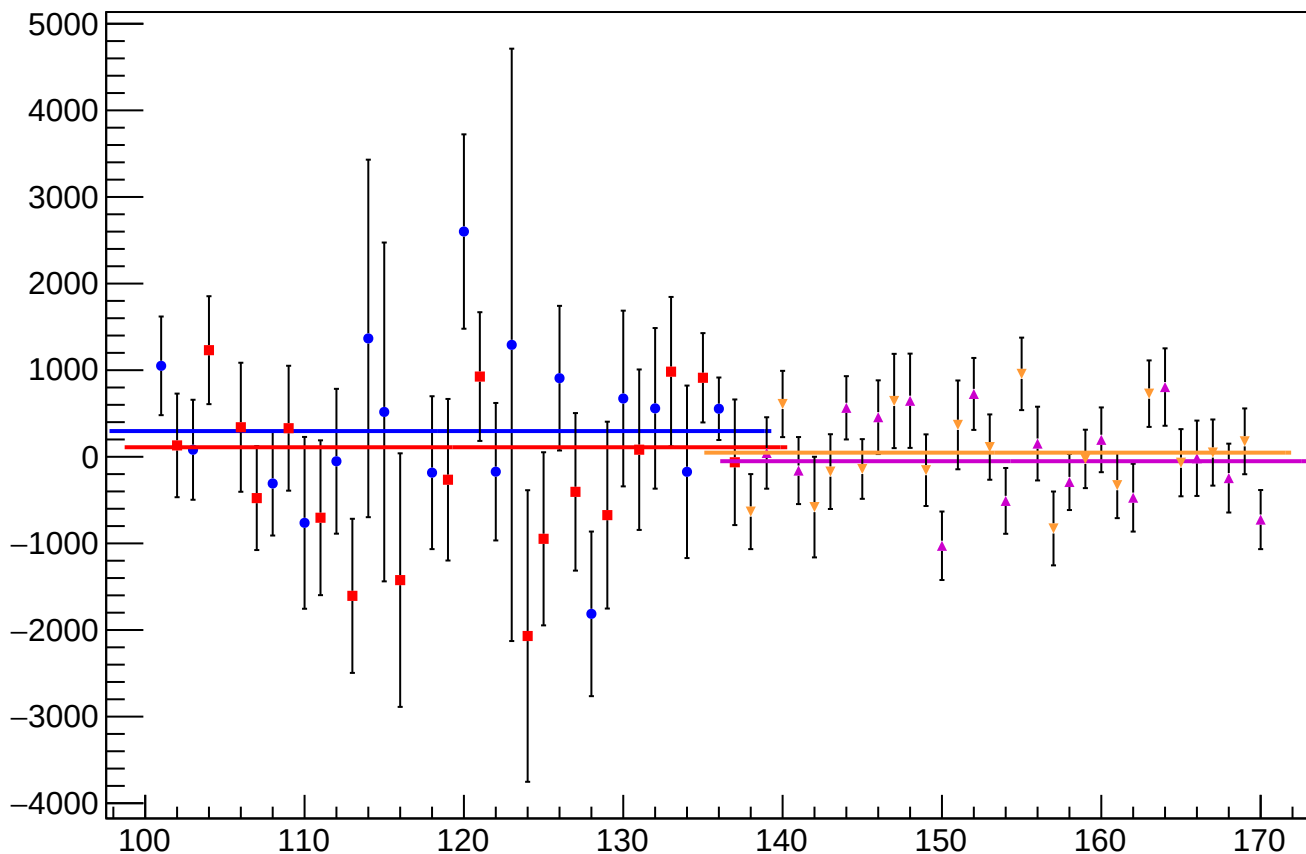
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 387.171+/-0.064 χ^2/NDF : 1647619.8/32

Out: 389.582+/-0.063 χ^2/NDF : 1713858.0/34

All: 388.388+/-0.045 χ^2/NDF : 3362197.9/67

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 χ^2/NDF : 15.9/16

Left Out: 47.856 ± 98.491 χ^2/NDF : 21.5/16

Right Out: 110.141 ± 184.400 χ^2/NDF : 18.5/17

Left In: -50.913 ± 99.026 χ^2/NDF : 27.3/15

Left: -1.261 ± 69.832 χ^2/NDF : 49.3/32

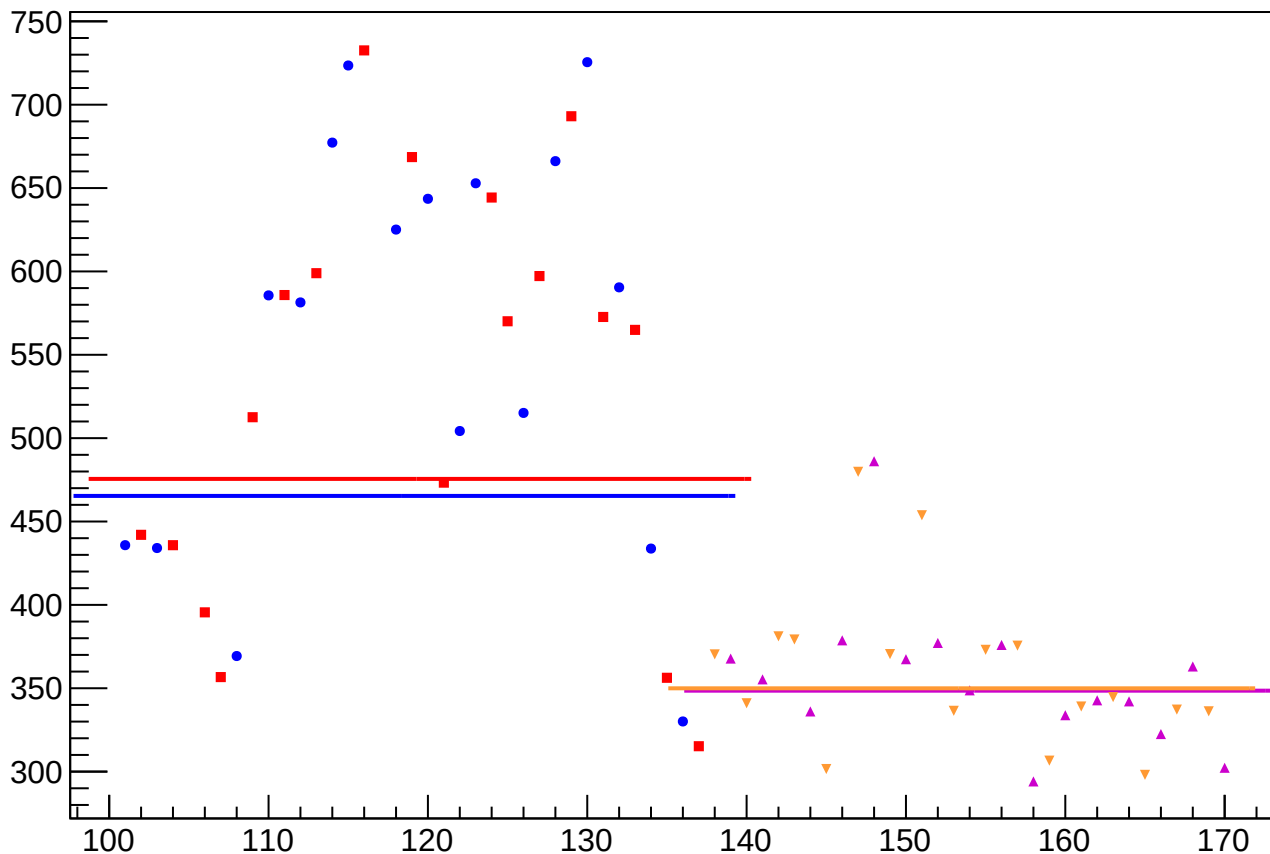
Right: 202.768 ± 130.944 χ^2/NDF : 34.9/34

In: 25.936 ± 87.407 χ^2/NDF : 45.9/32

Out: 61.680 ± 86.875 χ^2/NDF : 40.2/34

All: 43.917 ± 61.617 χ^2/NDF : 86.1/67

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: 349.956 $\pm$ 0.070 χ^2 /NDF: 352359.5/16

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 348.547 $\pm$ 0.070 χ^2 /NDF: 274501.6/15

Left: 349.255 $\pm$ 0.049 χ^2 /NDF: 627064.7/32

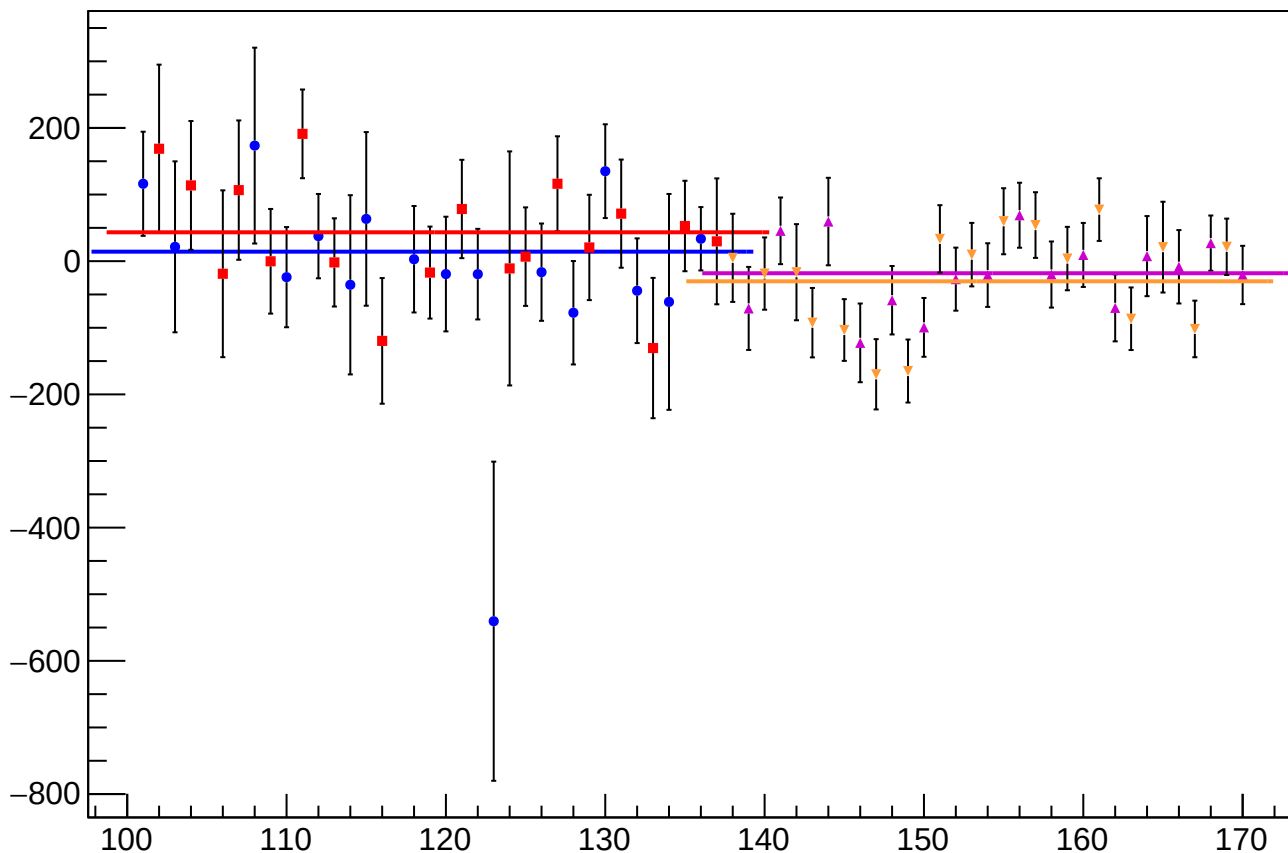
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 374.349 $\pm$ 0.062 χ^2 /NDF: 1749626.1/32

Out: 377.835 $\pm$ 0.061 χ^2 /NDF: 1815163.6/34

All: 376.103 $\pm$ 0.044 χ^2 /NDF: 3566389.4/67

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -30.245 ± 12.194 $\chi^2/\text{NDF}: 40.0/16$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -18.132 ± 12.583 $\chi^2/\text{NDF}: 16.9/15$

Left: -24.378 ± 8.757 $\chi^2/\text{NDF}: 57.4/32$

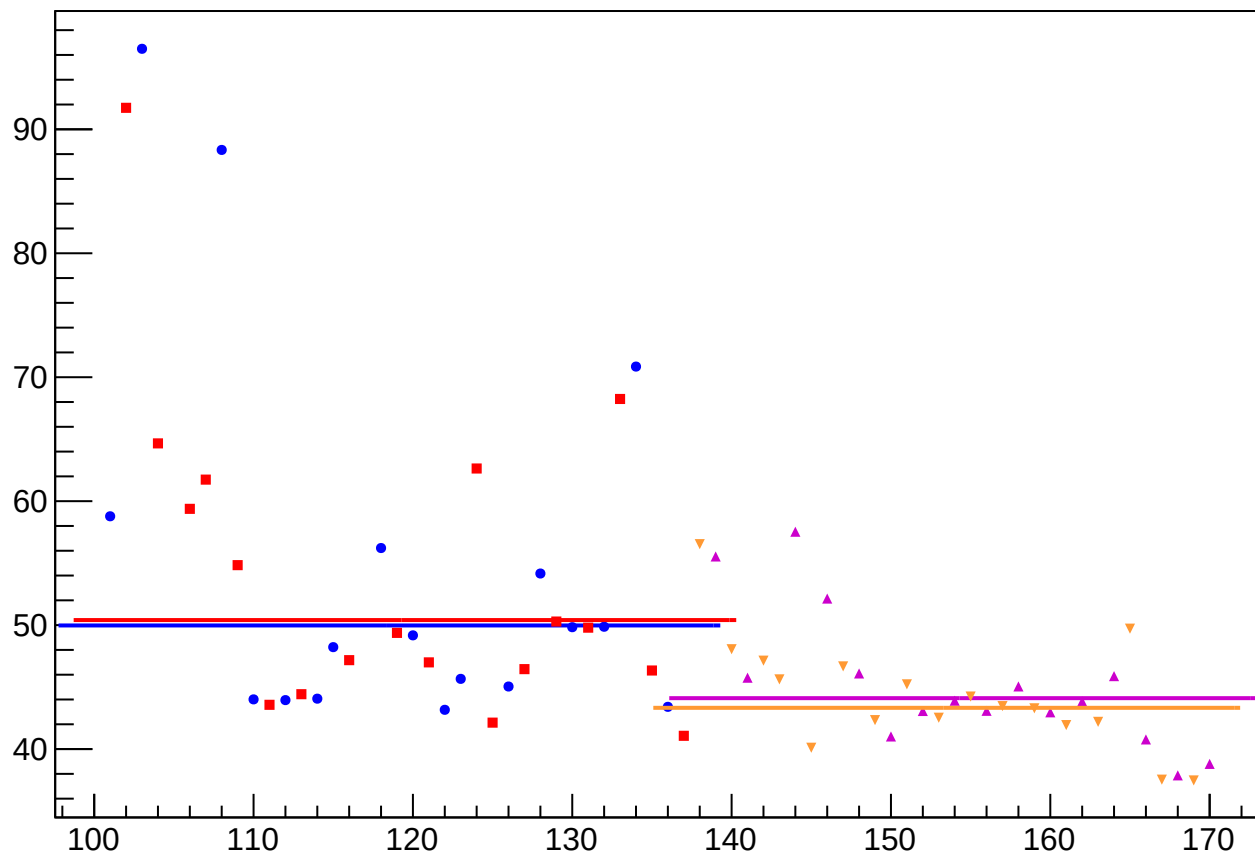
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -8.860 ± 10.630 $\chi^2/\text{NDF}: 33.6/32$

Out: -9.787 ± 10.361 $\chi^2/\text{NDF}: 66.3/34$

All: -9.336 ± 7.420 $\chi^2/\text{NDF}: 99.9/67$

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: 43.328 $\pm$ 0.009 χ^2/NDF : 223001.4/16

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 44.108 $\pm$ 0.009 χ^2/NDF : 290261.8/15

Left: 43.706 $\pm$ 0.006 χ^2/NDF : 517220.6/32

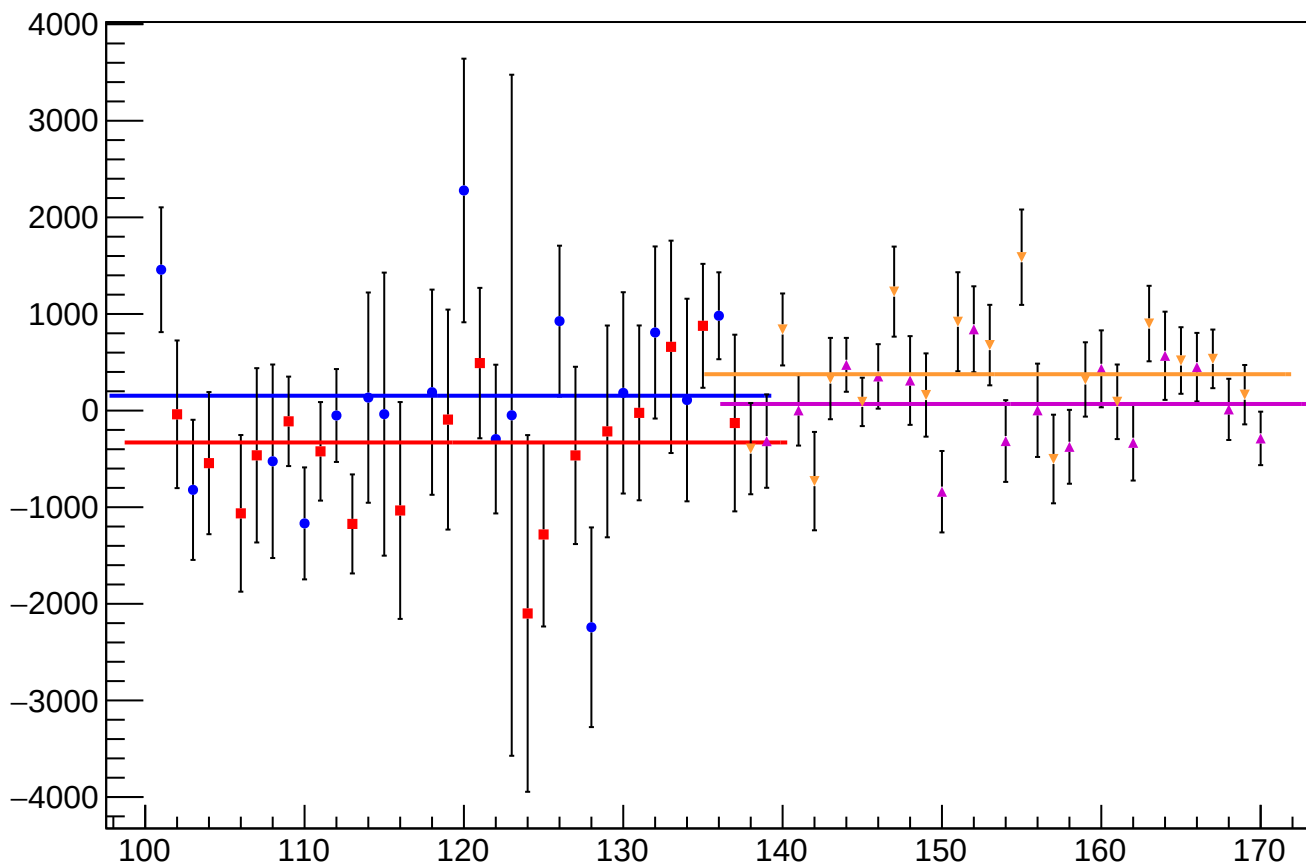
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 45.787 $\pm$ 0.008 χ^2/NDF : 993438.6/32

Out: 45.297 $\pm$ 0.007 χ^2/NDF : 877926.6/34

All: 45.535 $\pm$ 0.005 χ^2/NDF : 1873546.6/67

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: 376.603 $\pm$ 93.076 χ^2 /NDF:28.5/16

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 68.435 $\pm$ 93.500 χ^2 /NDF:19.6/15

Left: 223.219 $\pm$ 65.964 χ^2 /NDF: 53.5/32

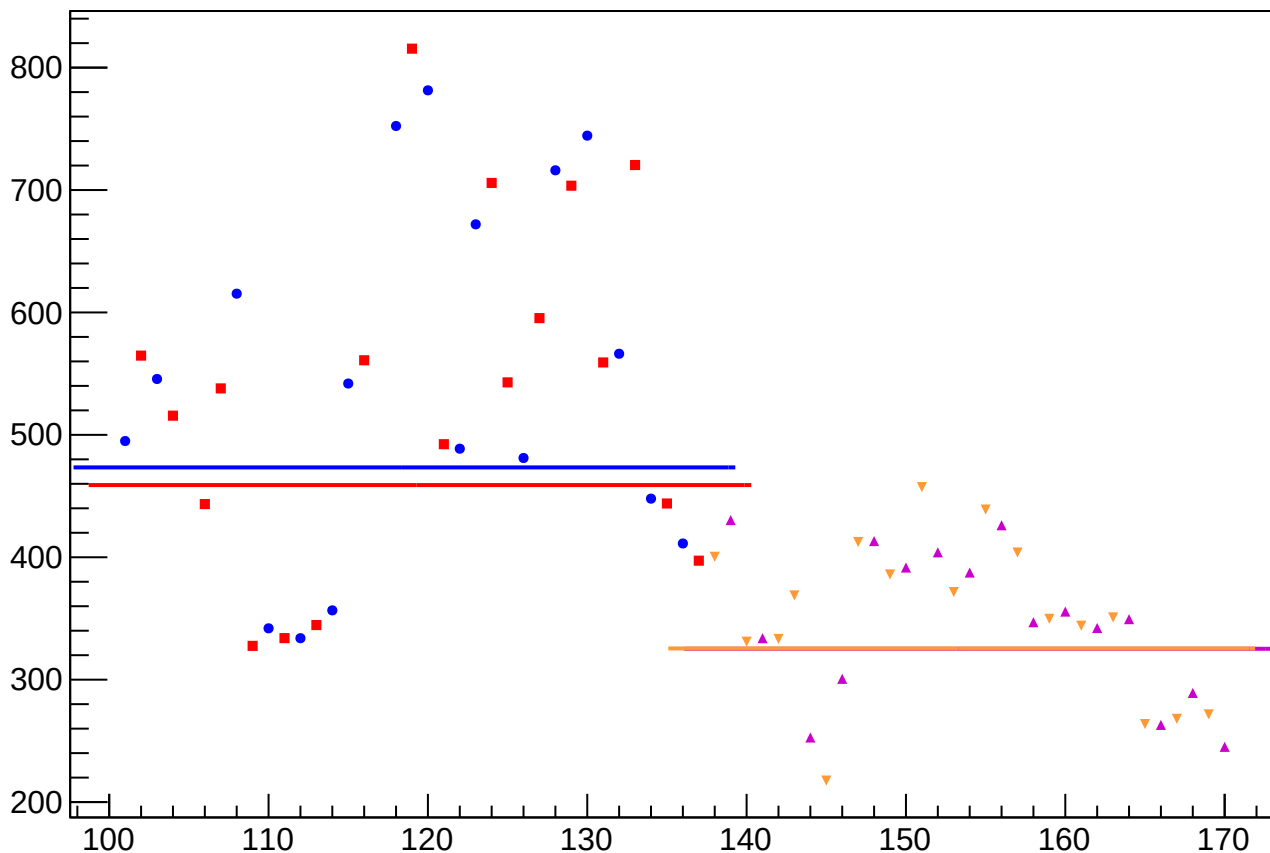
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 85.090 $\pm$ 83.889 χ^2 /NDF:44.5/32

Out: 227.271 $\pm$ 82.657 χ^2 /NDF:52.7/34

All: 157.232 $\pm$ 58.878 χ^2 /NDF: 98.7/67

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 325.505+/-0.066 χ^2/NDF : 1091924.2/16

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 325.245+/-0.066 χ^2/NDF : 840483.8/15

Left: 325.376+/-0.047 χ^2/NDF : 1932415.8/32

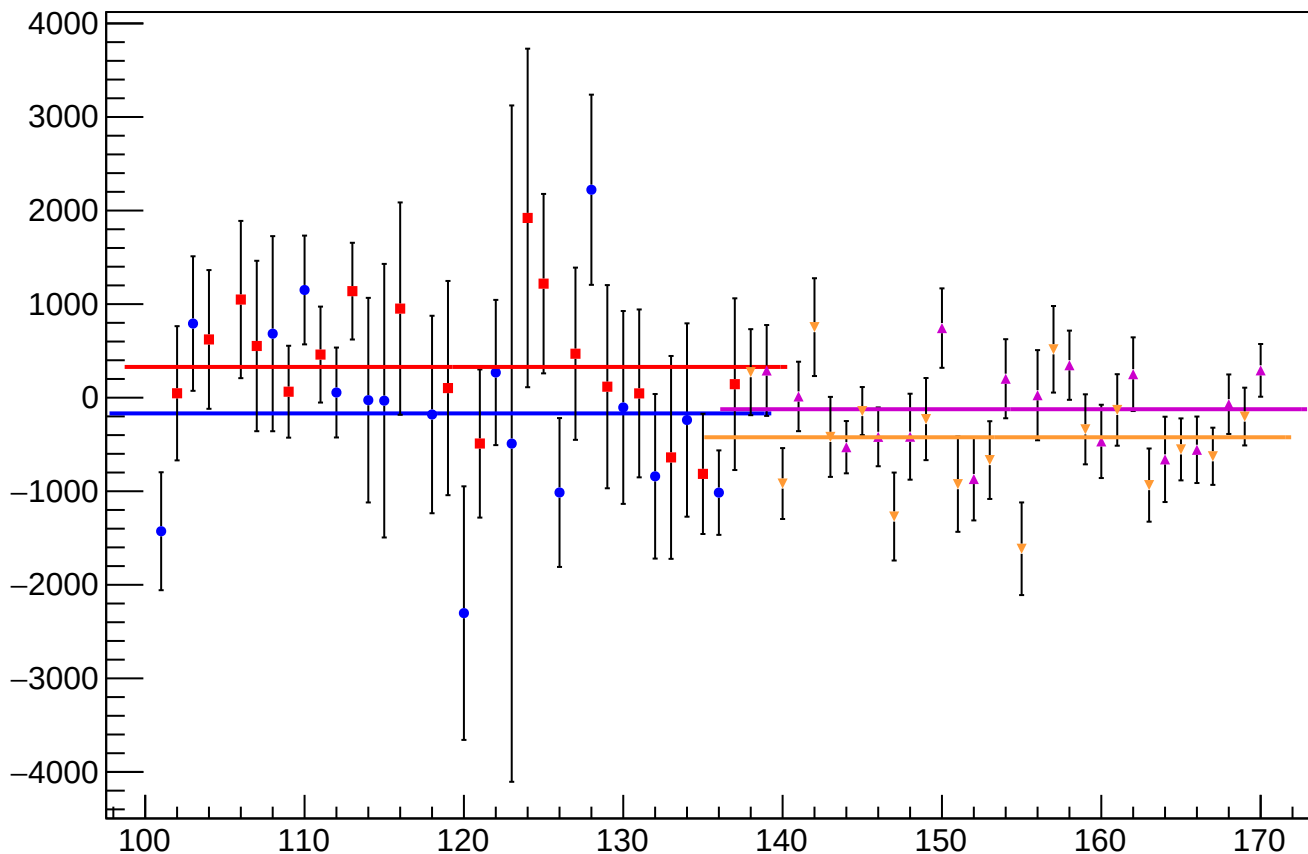
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 354.139+/-0.059 χ^2/NDF : 2734787.3/32

Out: 353.717+/-0.058 χ^2/NDF : 2967568.6/34

All: 353.925+/-0.042 χ^2/NDF : 5702381.6/67

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -423.015+/-93.274 χ^2/NDF :28.4/16

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -123.315+/-93.160 χ^2/NDF :20.3/15

Left: -272.983+/-65.914 χ^2/NDF : 53.9/32

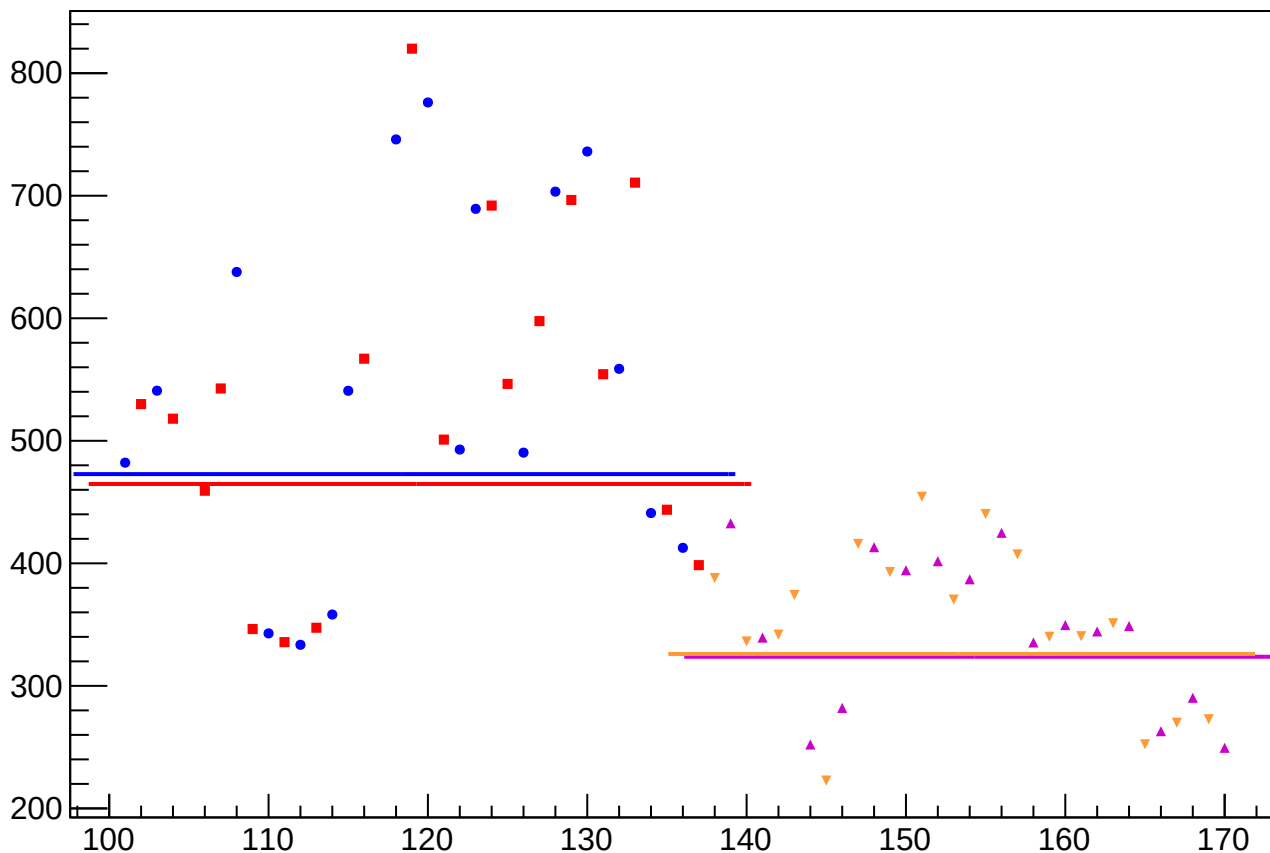
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -132.003+/-83.626 χ^2/NDF :45.8/32

Out: -266.068+/-82.966 χ^2/NDF :53.1/34

All: -199.567+/-58.898 χ^2/NDF : 100.2/67

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: 326.044 $\pm$ 0.066 χ^2 /NDF:1065563.9/16

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 323.750 $\pm$ 0.066 χ^2 /NDF:838808.3/15

Left: 324.896 $\pm$ 0.047 χ^2 /NDF: 1904977.9/32

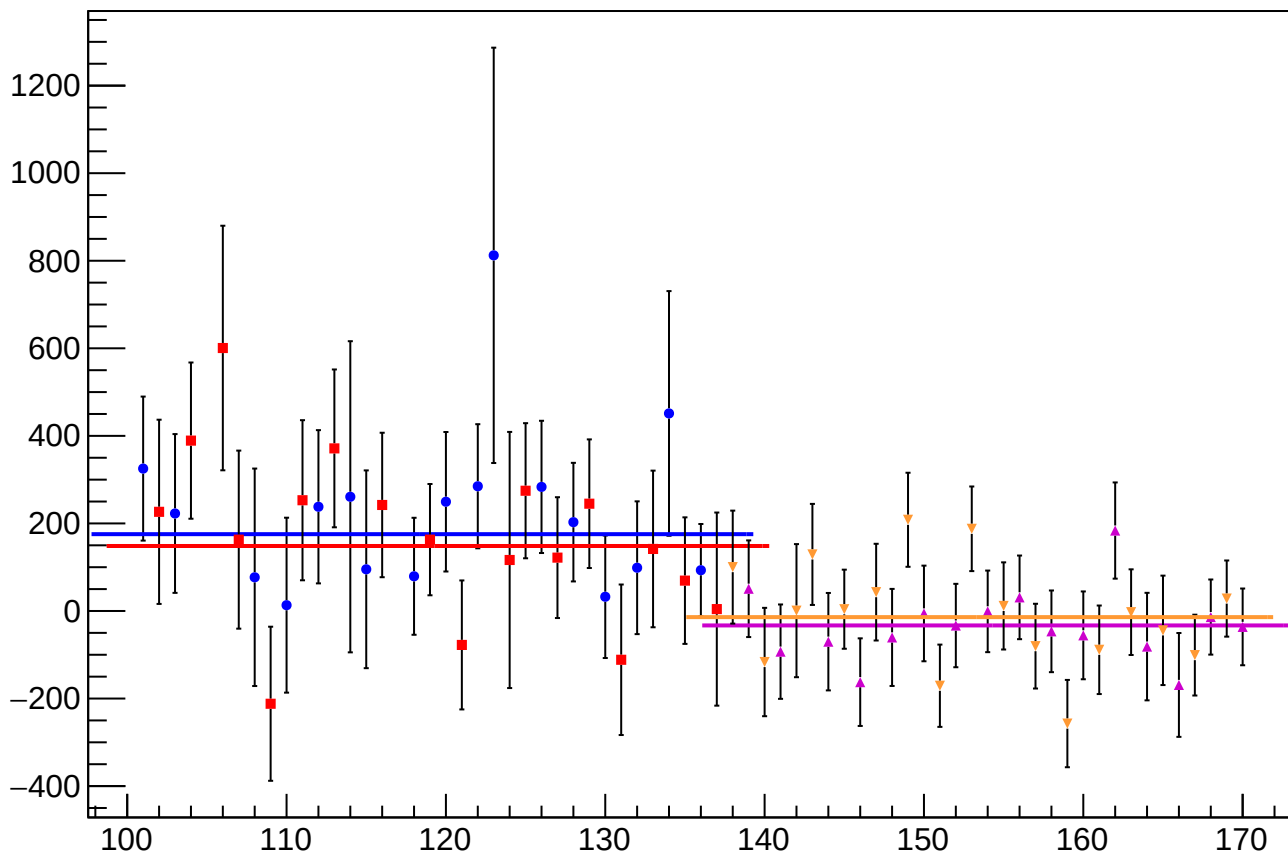
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 352.701 $\pm$ 0.059 χ^2 /NDF:2729734.7/32

Out: 355.010 $\pm$ 0.059 χ^2 /NDF:2904039.9/34

All: 353.865 $\pm$ 0.042 χ^2 /NDF: 5634542.8/67

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -14.029 ± 25.162 $\chi^2/\text{NDF}: 23.0/16$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -33.005 ± 25.404 $\chi^2/\text{NDF}: 8.8/15$

Left: -23.426 ± 17.877 $\chi^2/\text{NDF}: 32.1/32$

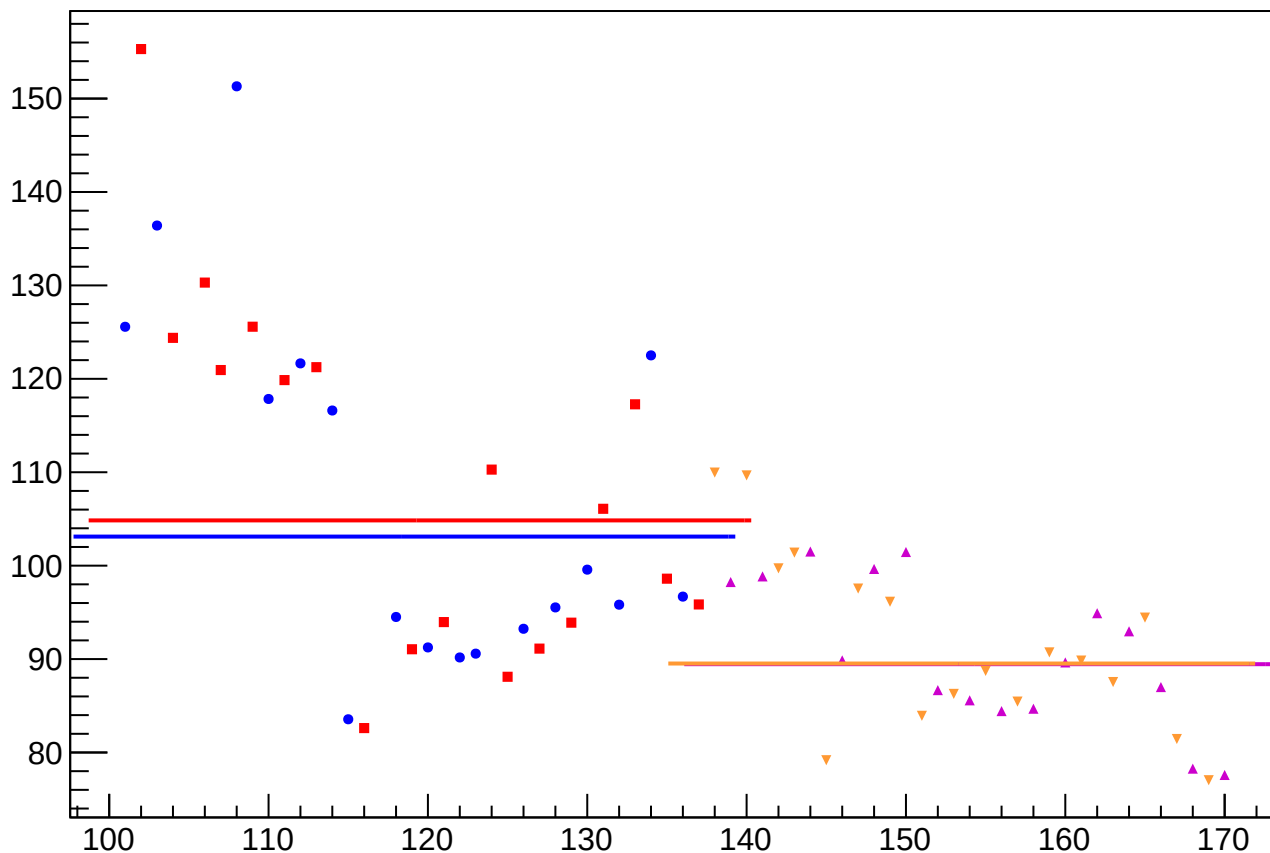
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 26.156 ± 21.499 $\chi^2/\text{NDF}: 36.6/32$

Out: 31.493 ± 21.348 $\chi^2/\text{NDF}: 52.1/34$

All: 28.843 ± 15.149 $\chi^2/\text{NDF}: 88.7/67$

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: 89.523 $\pm$ 0.018 χ^2 /NDF:251555.1/16

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 89.452 $\pm$ 0.018 χ^2 /NDF:186405.5/15

Left: 89.488 $\pm$ 0.013 χ^2 /NDF: 437968.4/32

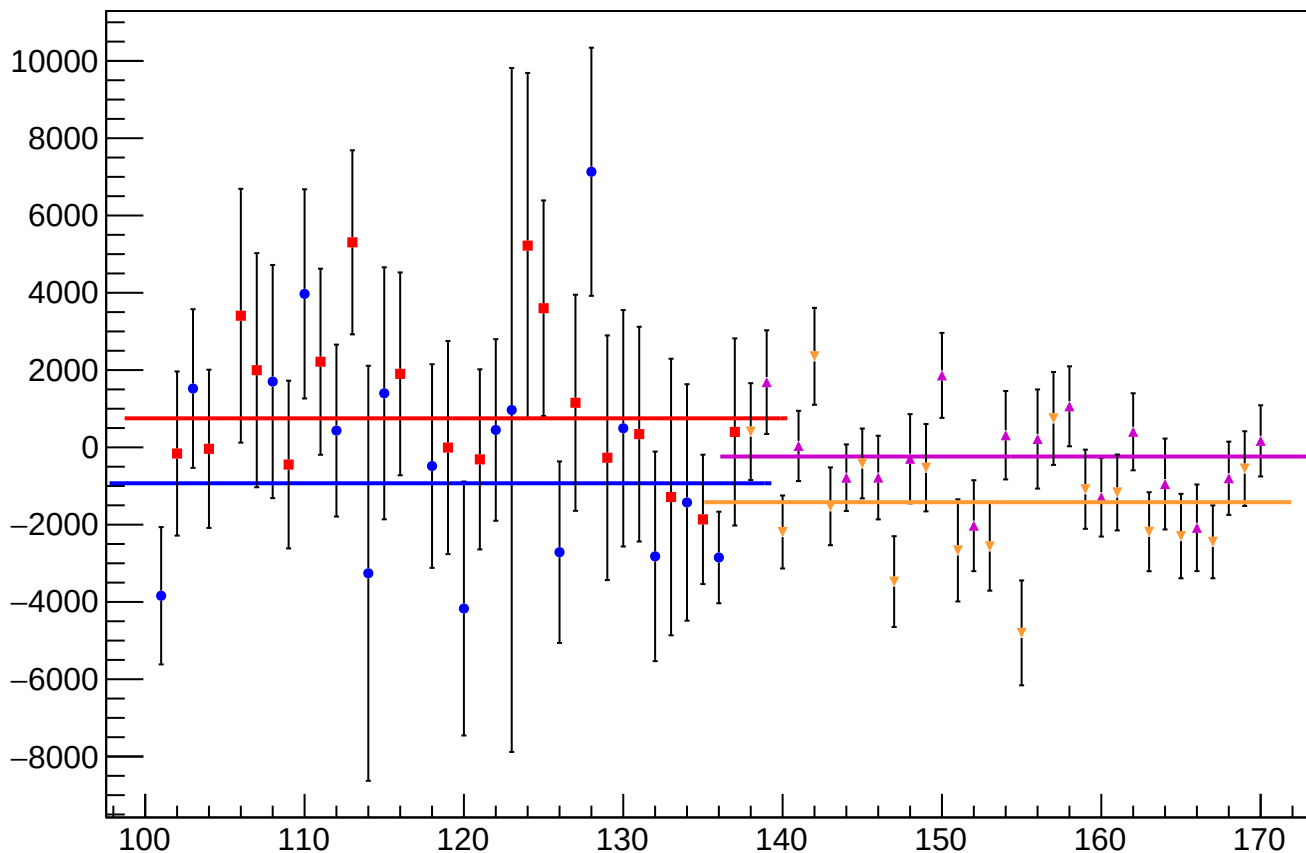
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 93.329 $\pm$ 0.015 χ^2 /NDF:656941.1/32

Out: 93.816 $\pm$ 0.015 χ^2 /NDF:827971.5/34

All: 93.574 $\pm$ 0.011 χ^2 /NDF: 1485429.4/67

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: -1418.909+/-261.157 χ^2/NDF :31.5/16

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -236.744+/-263.956 χ^2/NDF :15.8/15

Left: -834.128+/-185.648 χ^2/NDF : 57.4/32

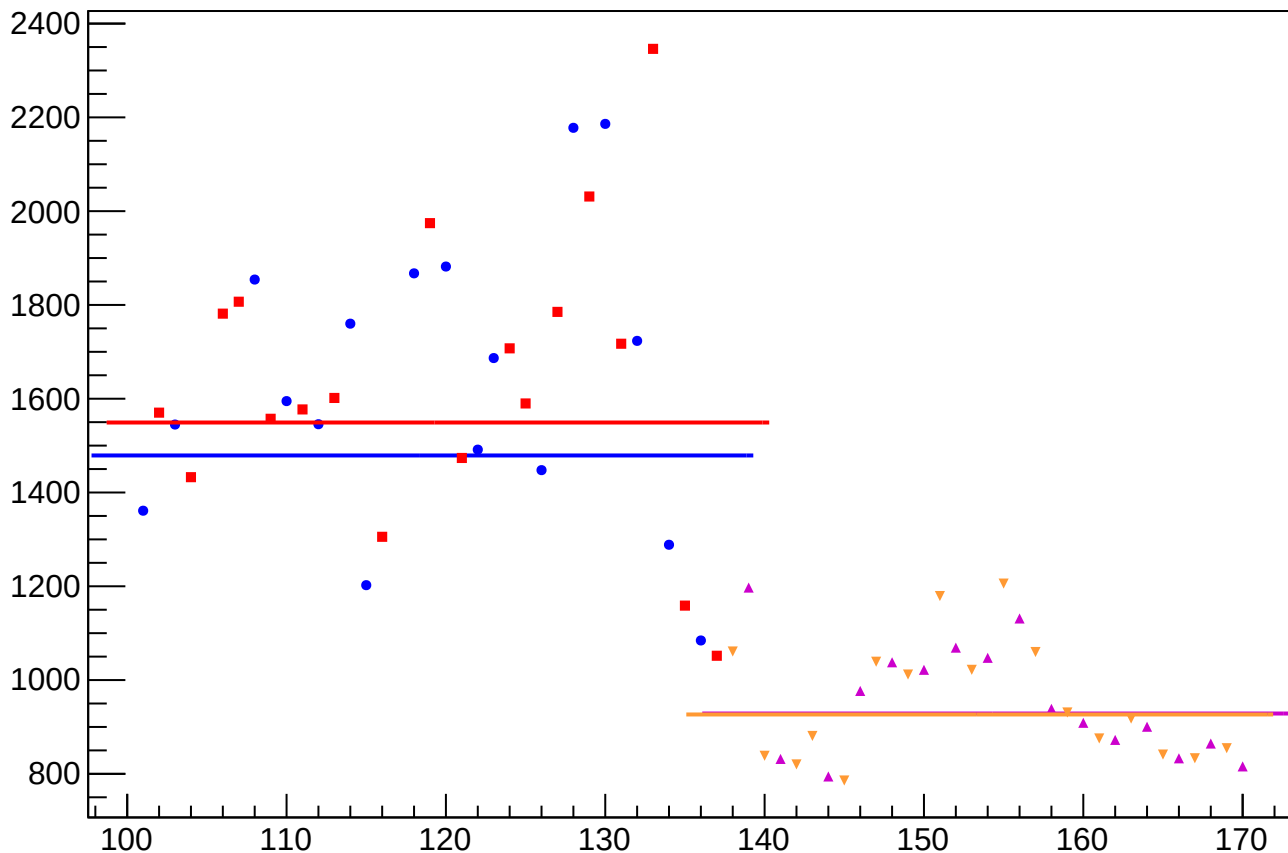
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -353.177+/-240.735 χ^2/NDF :37.8/32

Out: -1068.318+/-239.134 χ^2/NDF :53.6/34

All: -713.134+/-169.656 χ^2/NDF : 95.9/67

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 926.608 $\pm$ 0.185 χ^2 /NDF: 381763.0/16

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 928.658 $\pm$ 0.187 χ^2 /NDF: 349693.5/15

Left: 927.622 $\pm$ 0.131 χ^2 /NDF: 731517.5/32

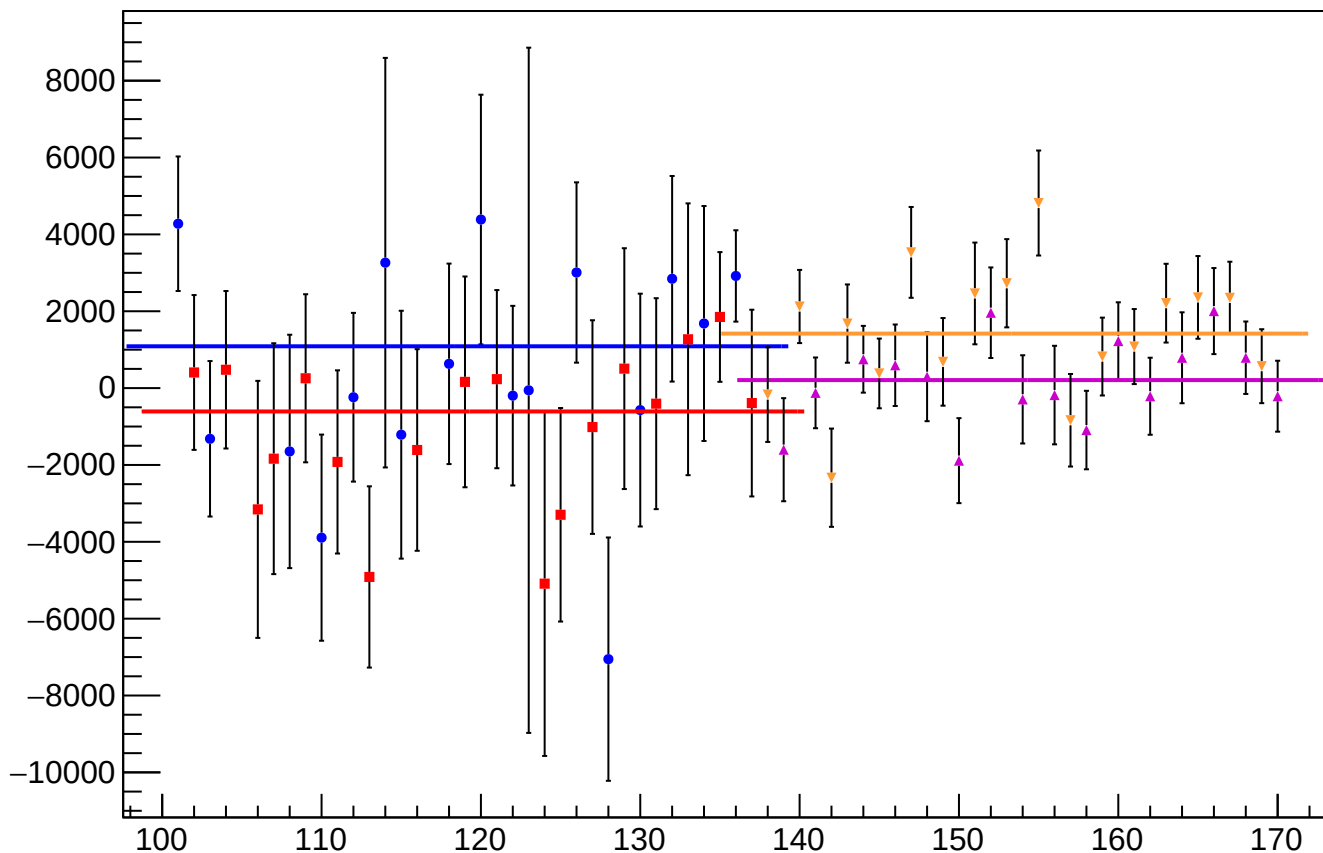
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1021.229 $\pm$ 0.170 χ^2 /NDF: 2401713.3/32

Out: 1027.198 $\pm$ 0.169 χ^2 /NDF: 2680989.5/34

All: 1024.234 $\pm$ 0.120 χ^2 /NDF: 5083321.8/67

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: 1418.596 $\pm$ 261.308 χ^2 /NDF:31.0/16

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 208.531 $\pm$ 263.975 χ^2 /NDF:14.8/15

Left: 819.707 $\pm$ 185.708 χ^2 /NDF: 56.4/32

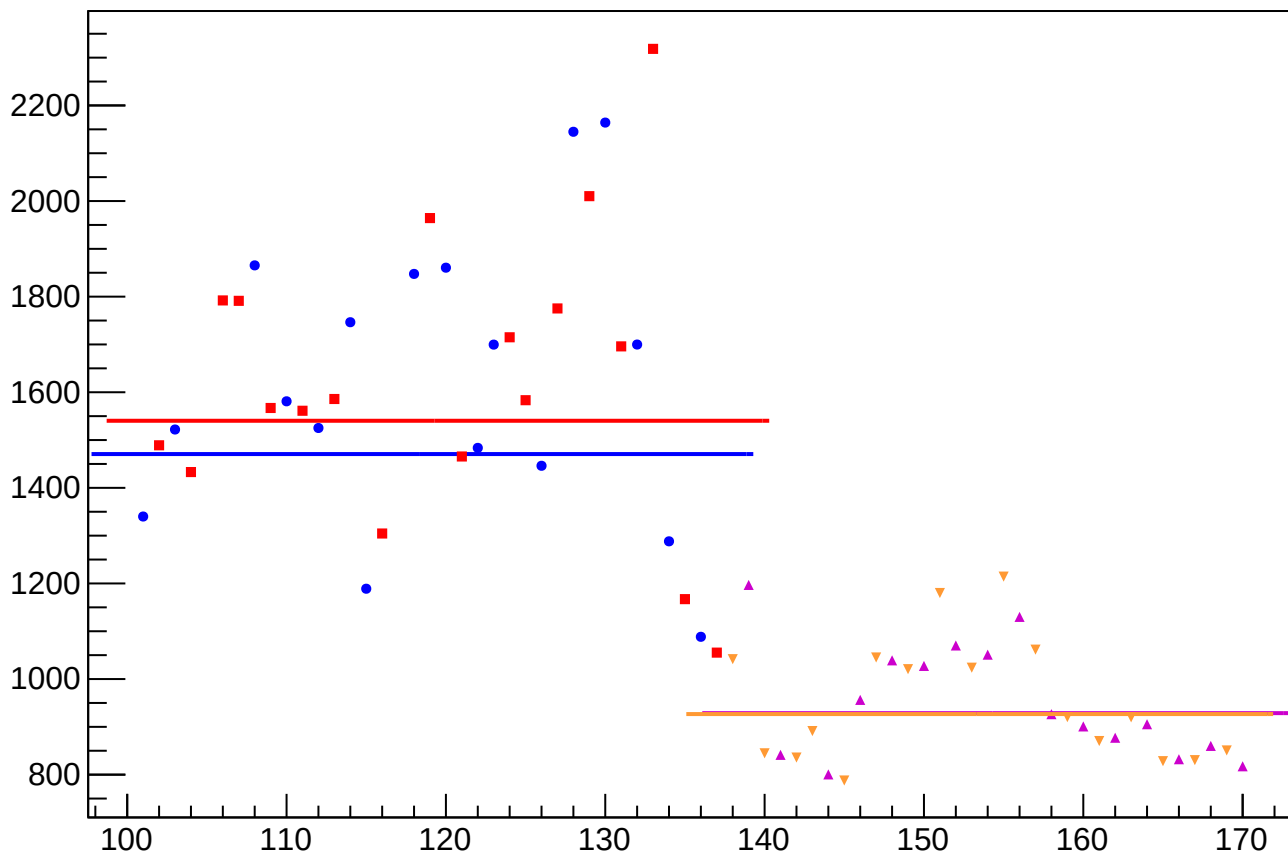
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 358.019 $\pm$ 240.496 χ^2 /NDF:38.5/32

Out: 1087.724 $\pm$ 239.026 χ^2 /NDF:50.8/34

All: 725.108 $\pm$ 169.534 χ^2 /NDF: 93.9/67

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: 926.739 $\pm$ 0.185 χ^2/NDF : 383707.7/16

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 928.693 $\pm$ 0.187 χ^2/NDF : 339958.2/15

Left: 927.706 $\pm$ 0.131 χ^2/NDF : 723721.3/32

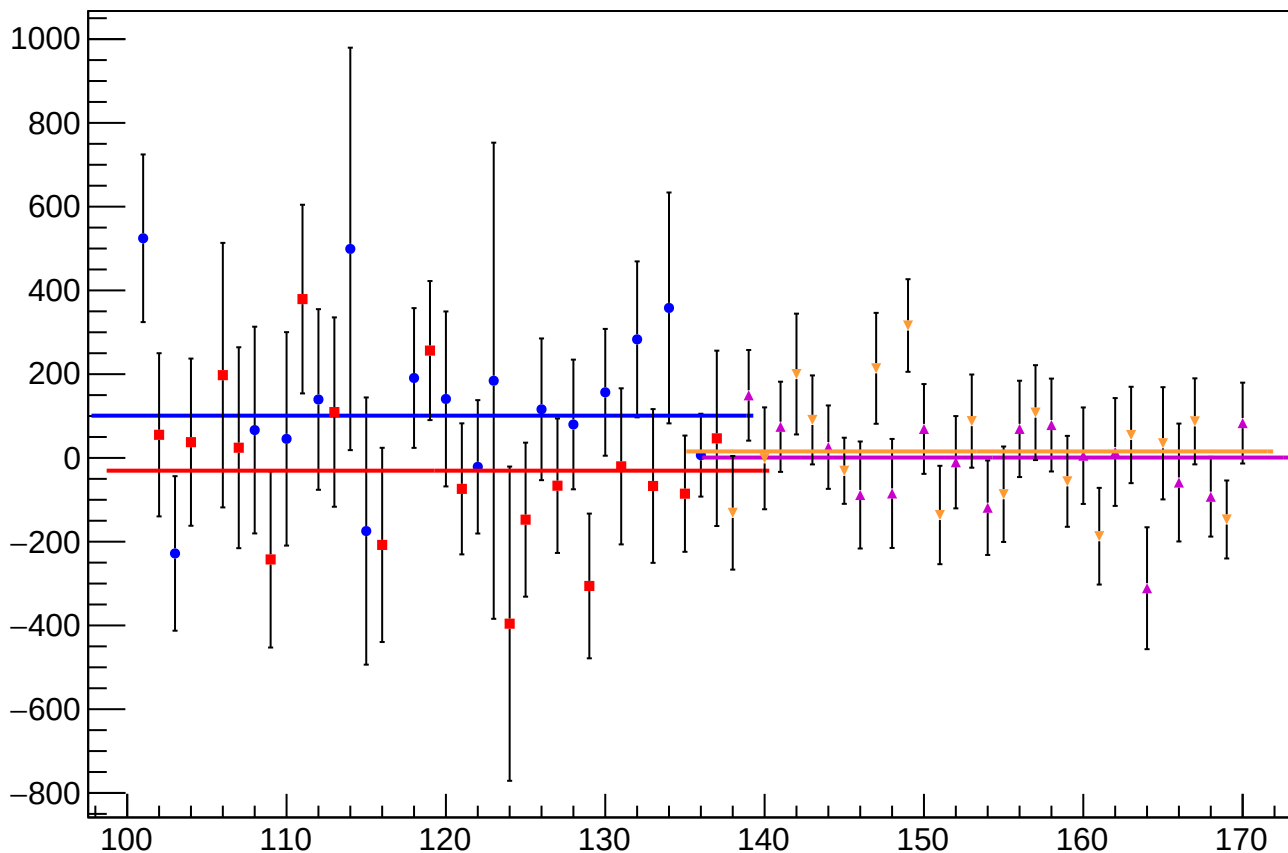
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1020.819 $\pm$ 0.170 χ^2/NDF : 2340790.4/32

Out: 1026.922 $\pm$ 0.169 χ^2/NDF : 2627061.9/34

All: 1023.890 $\pm$ 0.120 χ^2/NDF : 4968500.2/67

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 15.524 $\pm$ 27.044 χ^2 /NDF:24.1/16

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: 0.884 $\pm$ 28.300 χ^2 /NDF:12.2/15

Left: 8.536 $\pm$ 19.552 χ^2 /NDF: 36.4/32

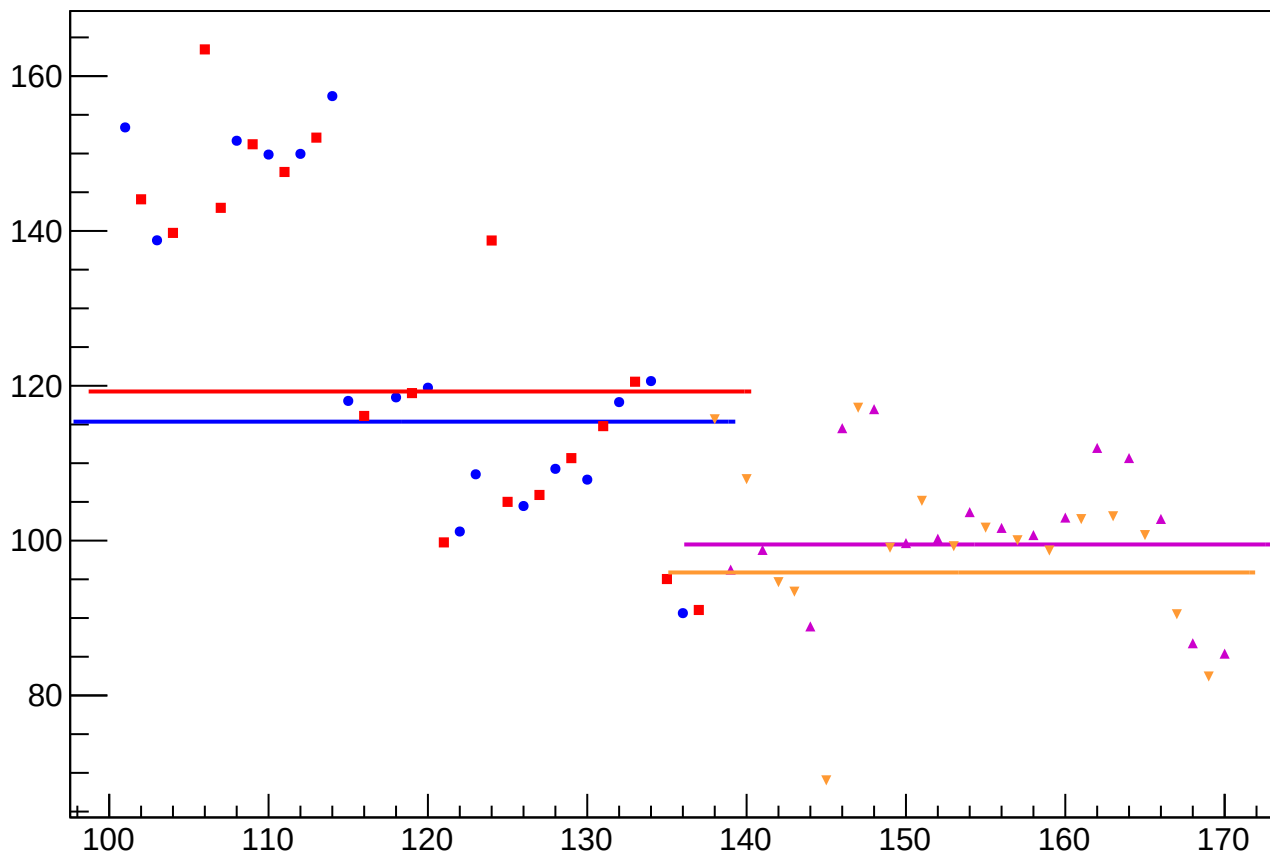
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 28.981 $\pm$ 23.999 χ^2 /NDF:28.7/32

Out: 3.614 $\pm$ 23.275 χ^2 /NDF:38.3/34

All: 15.909 $\pm$ 16.708 χ^2 /NDF: 67.6/67

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.885 $\pm$ 0.019 χ^2 /NDF: 436689.8/16

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 99.502 $\pm$ 0.020 χ^2 /NDF: 204048.3/15

Left: 97.611 $\pm$ 0.014 χ^2 /NDF: 657818.8/32

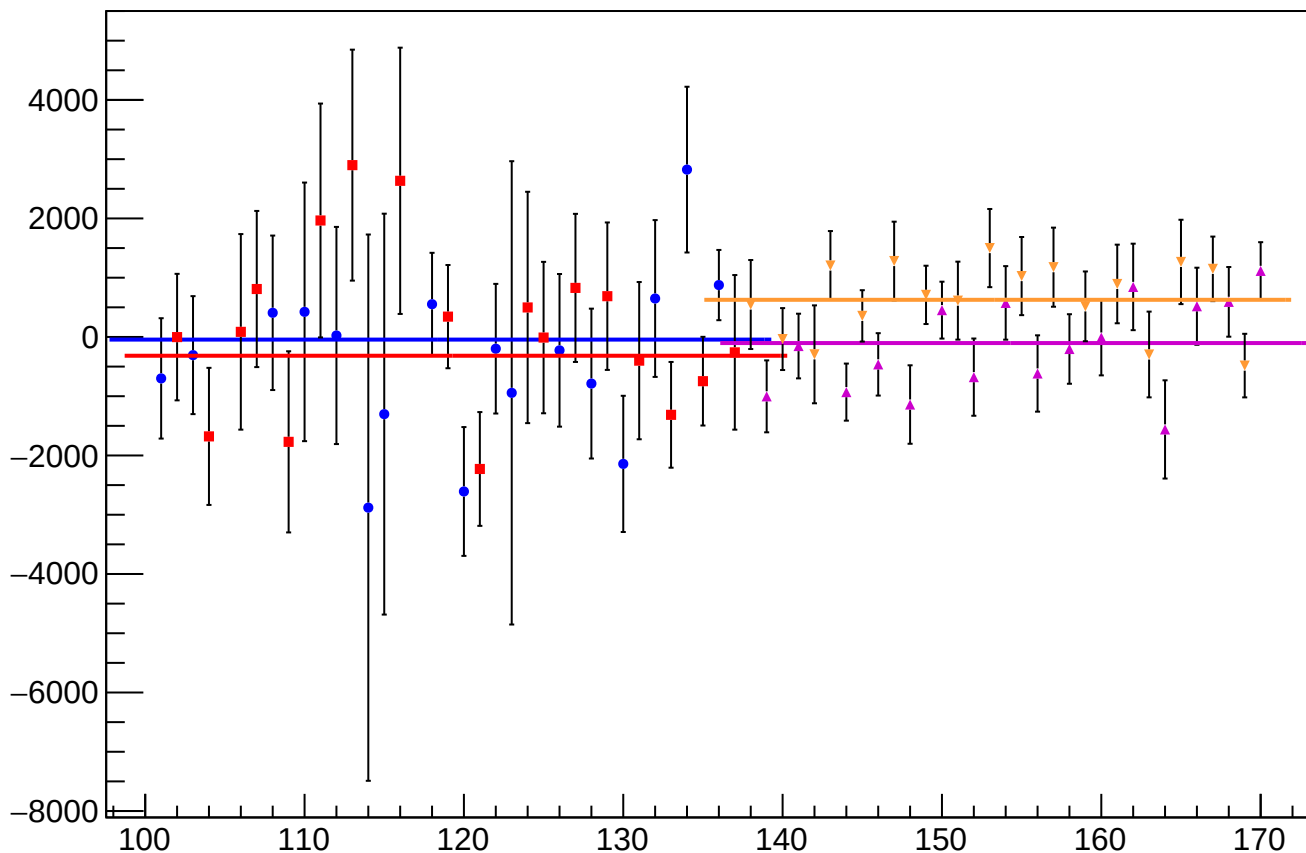
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 103.958 $\pm$ 0.017 χ^2 /NDF: 791928.7/32

Out: 101.946 $\pm$ 0.016 χ^2 /NDF: 1222512.7/34

All: 102.921 $\pm$ 0.012 χ^2 /NDF: 2021684.2/67

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 626.890 ± 146.447 $\chi^2/\text{NDF}: 15.9/16$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -102.930 ± 147.132 $\chi^2/\text{NDF}: 25.5/15$

Left: 263.682 ± 103.795 $\chi^2/\text{NDF}: 53.7/32$

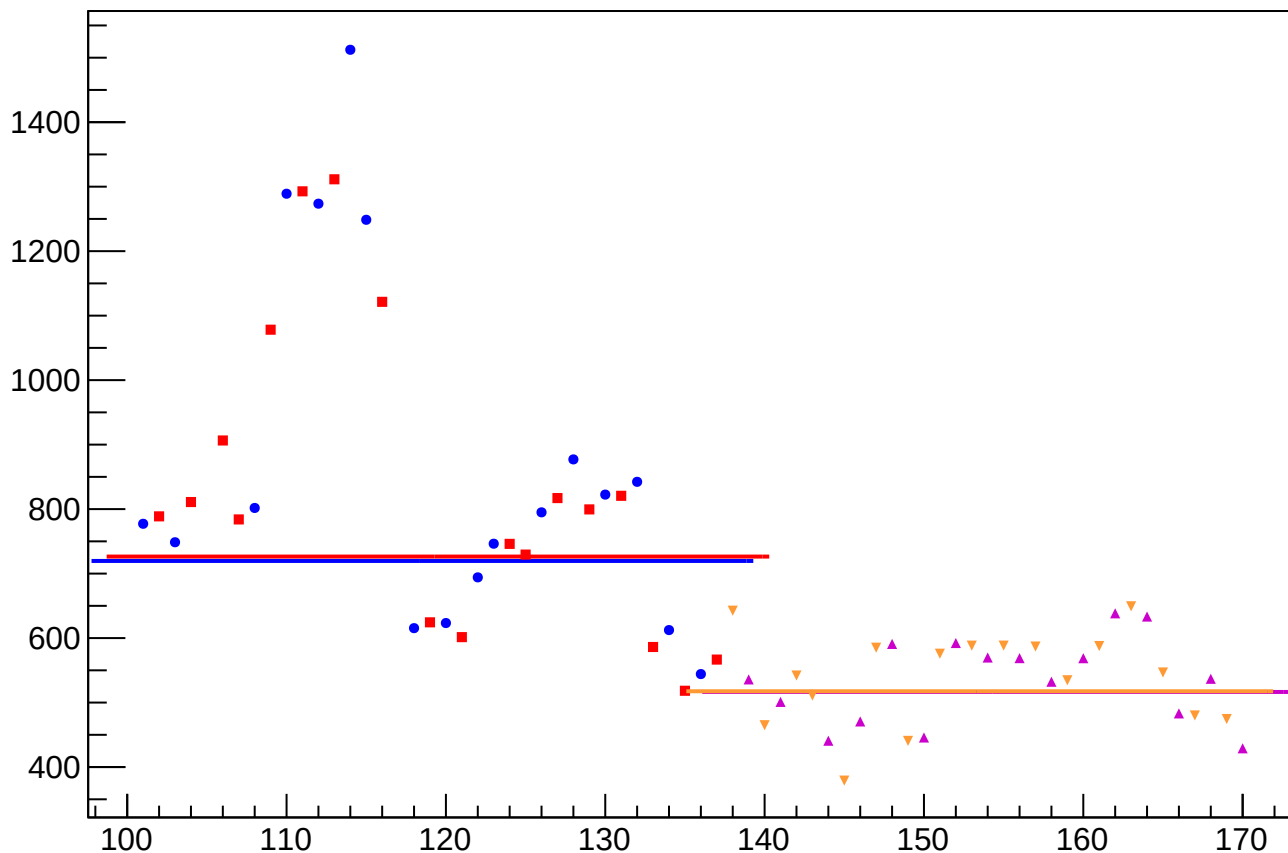
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -90.733 ± 130.861 $\chi^2/\text{NDF}: 43.4/32$

Out: 427.648 ± 130.075 $\chi^2/\text{NDF}: 41.4/34$

All: 170.019 ± 92.254 $\chi^2/\text{NDF}: 92.7/67$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 517.531 $\pm$ 0.104 χ^2 /NDF: 551082.8/16

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 516.446 $\pm$ 0.104 χ^2 /NDF: 375157.8/15

Left: 516.991 $\pm$ 0.073 χ^2 /NDF: 926295.3/32

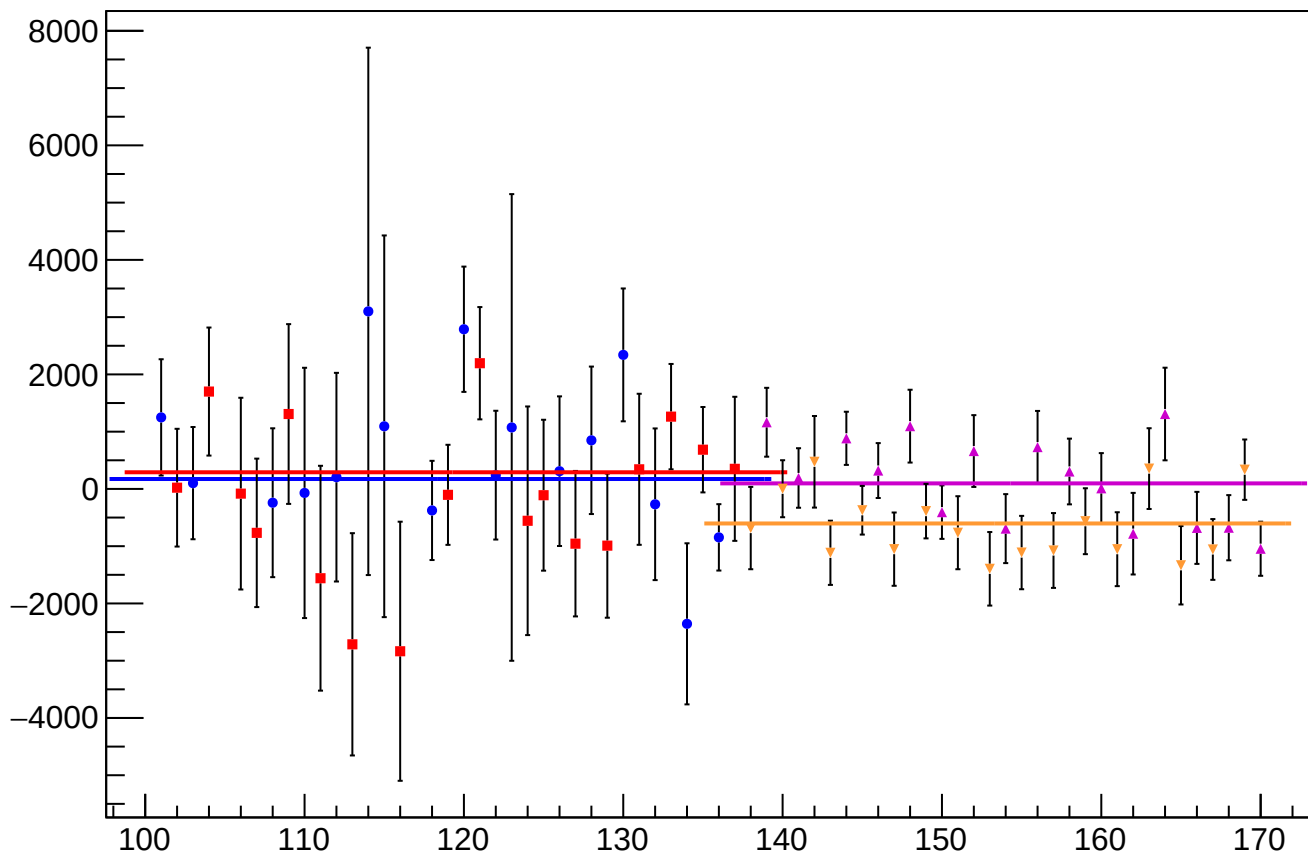
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 558.895 $\pm$ 0.093 χ^2 /NDF: 1918853.4/32

Out: 561.621 $\pm$ 0.092 χ^2 /NDF: 2290831.1/34

All: 560.266 $\pm$ 0.065 χ^2 /NDF: 4210121.2/67

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: -603.249 $\pm$ 142.143 χ^2 /NDF:15.3/16

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 96.750 $\pm$ 141.985 χ^2 /NDF:26.6/15

Left: -252.862 $\pm$ 100.454 χ^2 /NDF: 54.0/32

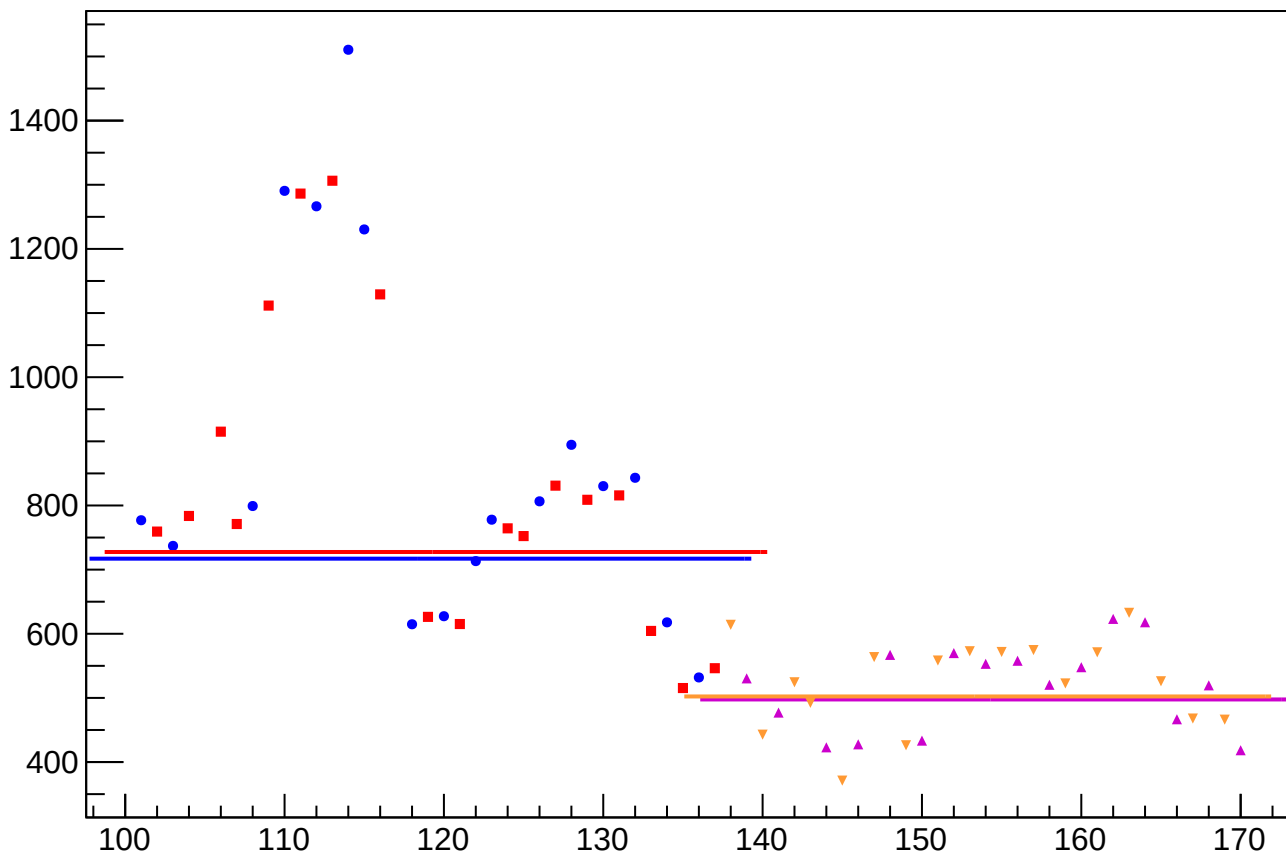
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 111.891 $\pm$ 127.147 χ^2 /NDF:44.7/32

Out: -423.692 $\pm$ 127.070 χ^2 /NDF:38.8/34

All: -156.063 $\pm$ 89.879 χ^2 /NDF: 92.4/67

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: 502.261 $\pm$ 0.101 χ^2 /NDF: 540578.4/16

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 497.588 $\pm$ 0.100 χ^2 /NDF: 413893.6/15

Left: 499.922 $\pm$ 0.071 χ^2 /NDF: 955554.1/32

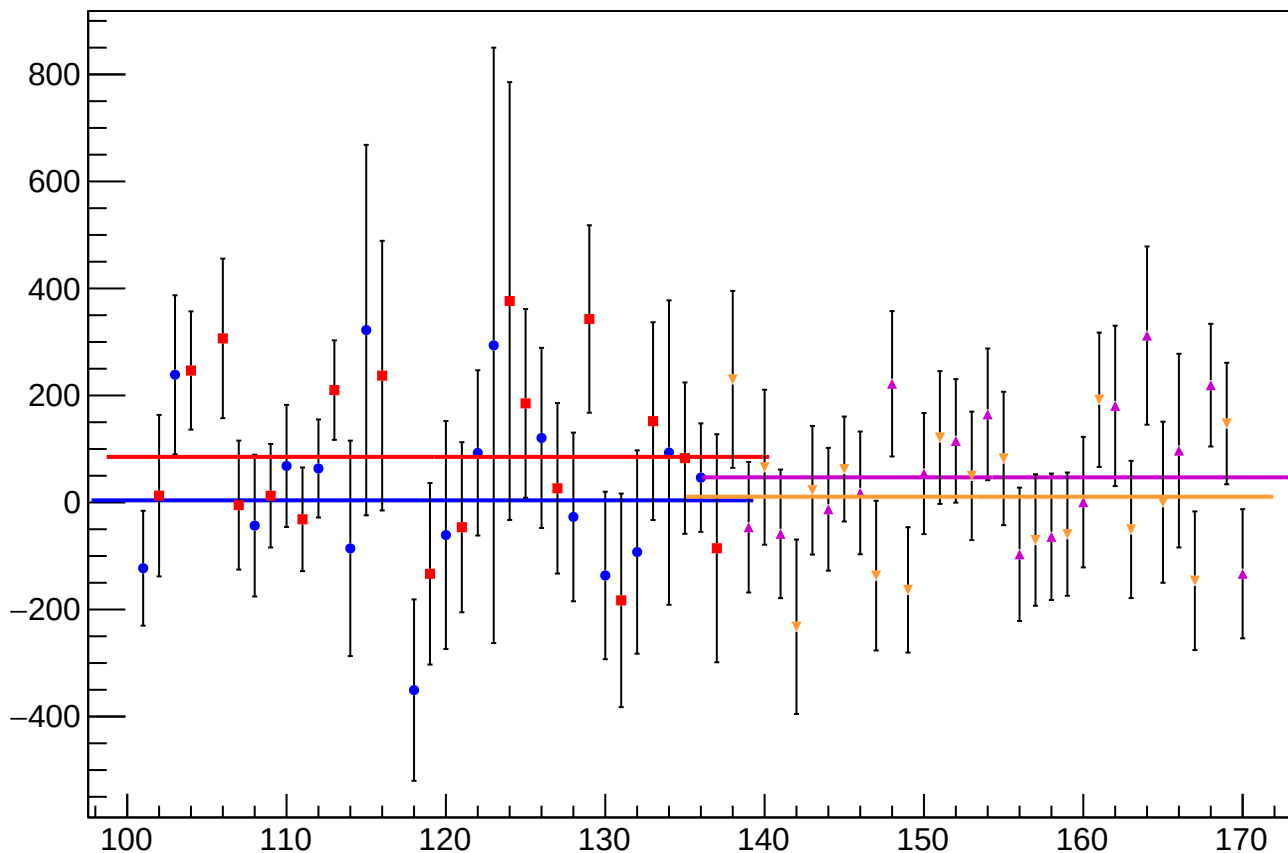
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 541.069 $\pm$ 0.090 χ^2 /NDF: 2143157.8/32

Out: 547.495 $\pm$ 0.090 χ^2 /NDF: 2430093.5/34

All: 544.284 $\pm$ 0.064 χ^2 /NDF: 4575807.4/67

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: 10.744 ± 30.639 $\chi^2/\text{NDF}: 15.0/16$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 47.031 ± 31.295 $\chi^2/\text{NDF}: 14.9/15$

Left: 28.503 ± 21.893 $\chi^2/\text{NDF}: 30.6/32$

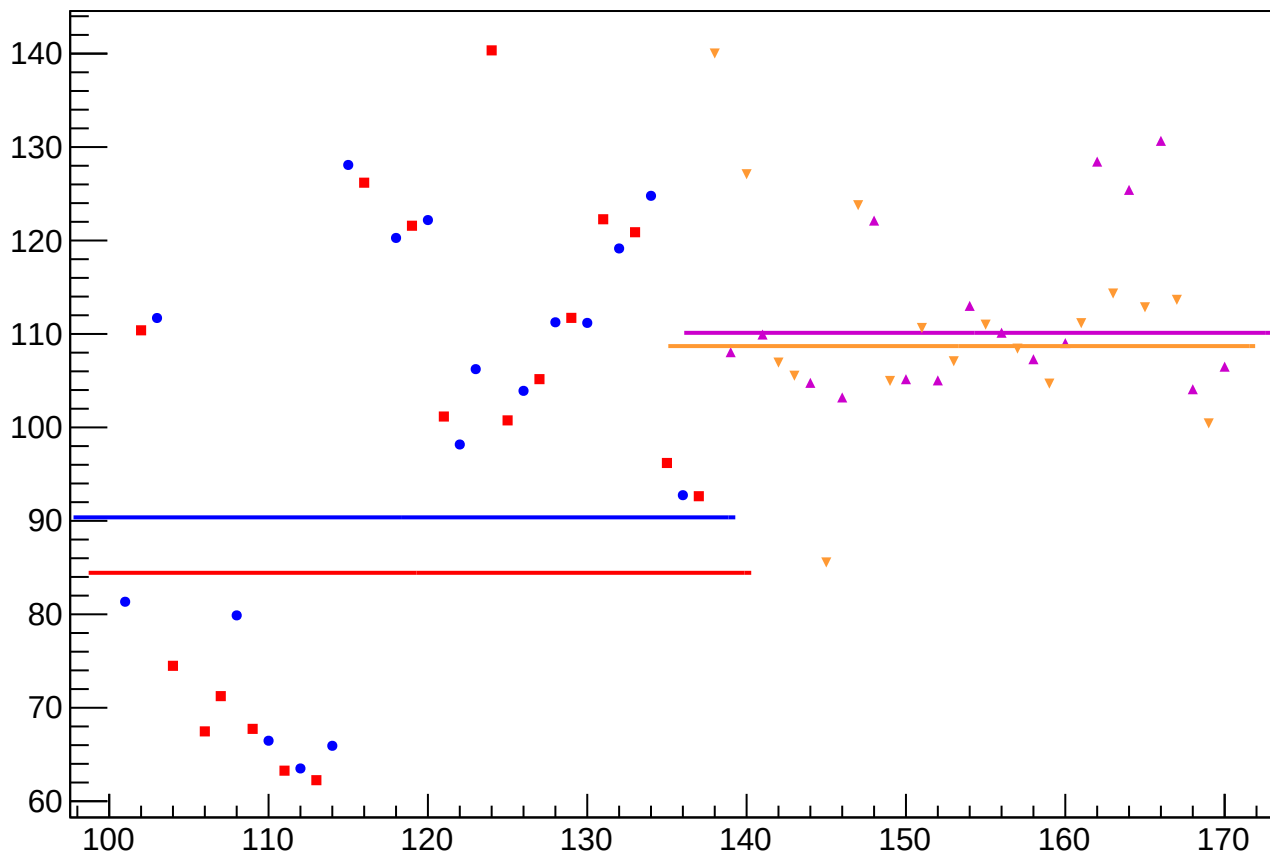
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 28.485 ± 23.604 $\chi^2/\text{NDF}: 28.4/32$

Out: 44.756 ± 22.582 $\chi^2/\text{NDF}: 35.1/34$

All: 36.980 ± 16.317 $\chi^2/\text{NDF}: 63.7/67$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.702+/-0.022 χ^2/NDF : 266046.1/16

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 110.121+/-0.022 χ^2/NDF : 117879.0/15

Left: 109.396+/-0.015 χ^2/NDF : 386025.8/32

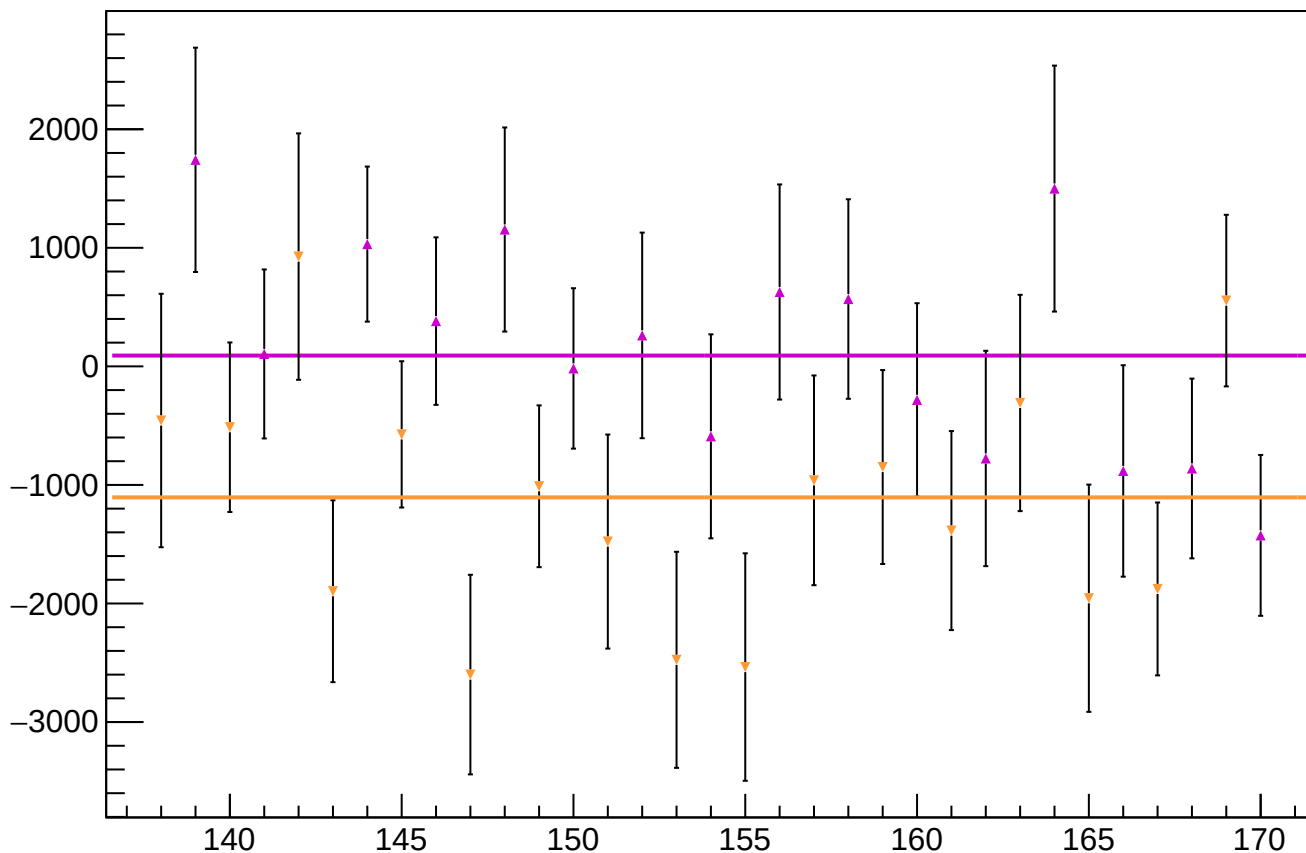
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 101.609+/-0.017 χ^2/NDF : 1115276.2/32

Out: 97.621+/-0.016 χ^2/NDF : 1709621.4/34

All: 99.526+/-0.012 χ^2/NDF : 2854706.9/67

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1104.878+/-198.276 χ^2/NDF :22.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 91.044+/-199.646 χ^2/NDF :18.9/15

Left: -511.033+/-140.684 χ^2/NDF : 59.6/32

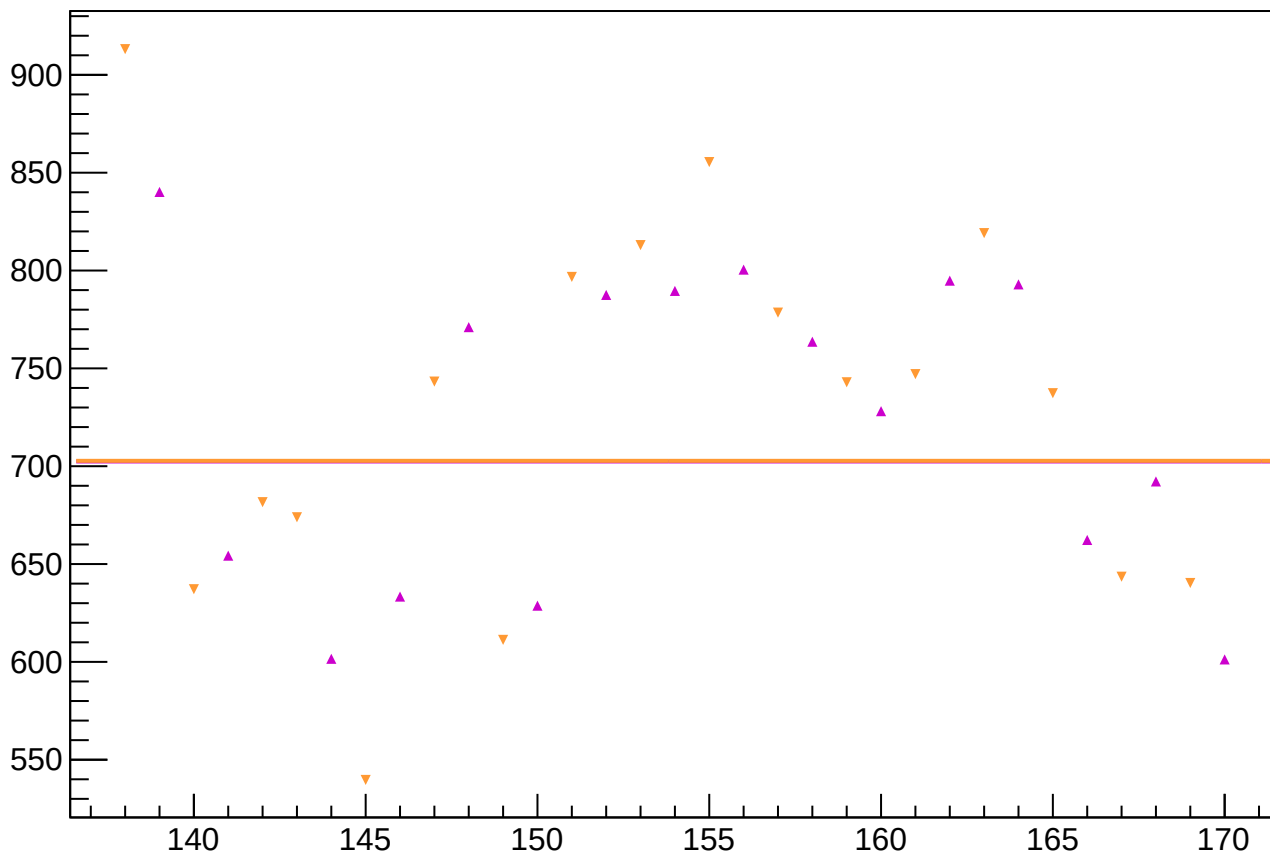
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.044+/-199.646 χ^2/NDF :18.9/15

Out: -1104.878+/-198.276 χ^2/NDF :22.7/16

All: -511.033+/-140.684 χ^2/NDF : 59.6/32

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.751+/-0.140 χ^2/NDF :468257.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 702.427+/-0.141 χ^2/NDF :315187.6/15

Left: 702.590+/-0.099 χ^2/NDF : 783448.1/32

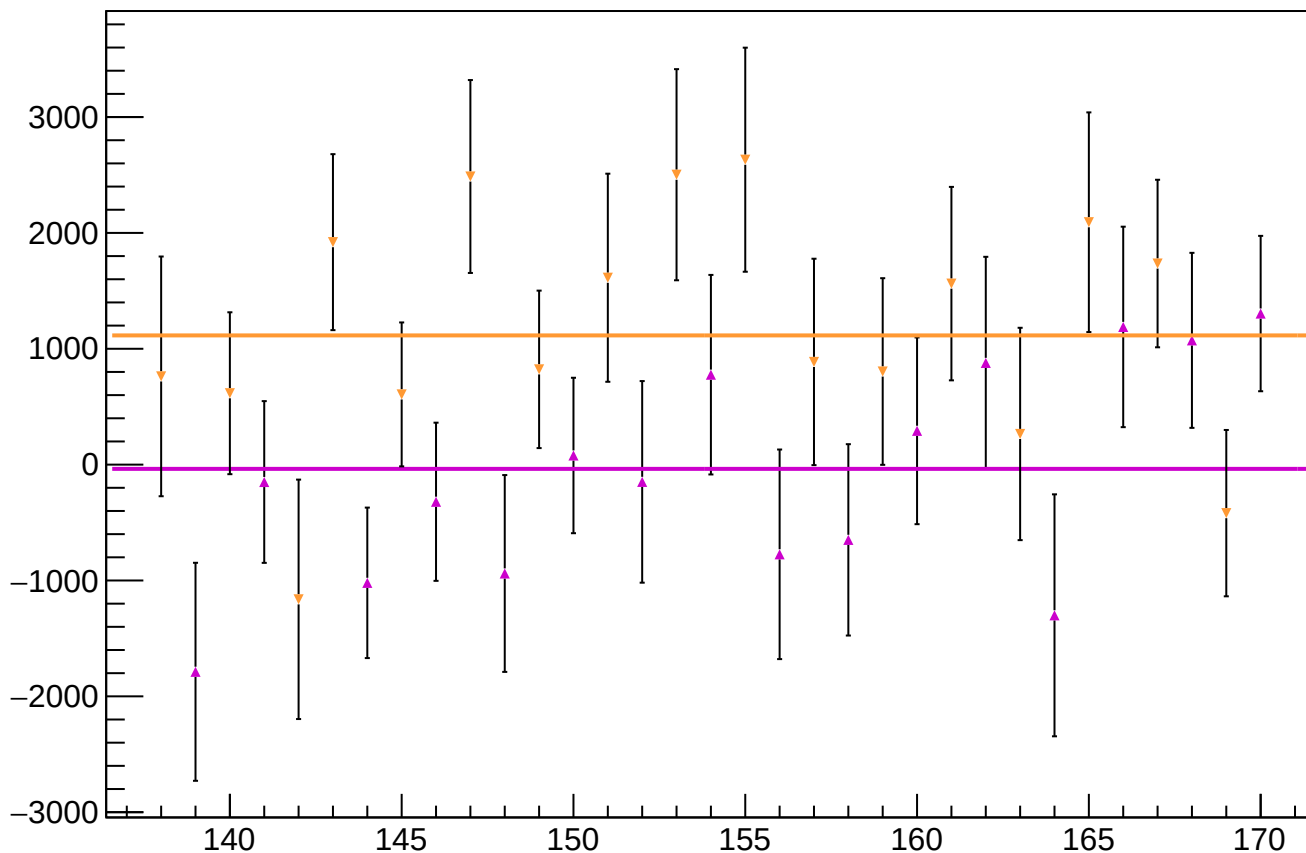
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.427+/-0.141 χ^2/NDF :315187.6/15

Out: 702.751+/-0.140 χ^2/NDF :468257.8/16

All: 702.590+/-0.099 χ^2/NDF : 783448.1/32

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1115.336+/-197.027 χ^2/NDF :23.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.585+/-197.539 χ^2/NDF :20.0/15

Left: 540.872+/-139.500 χ^2/NDF : 60.1/32

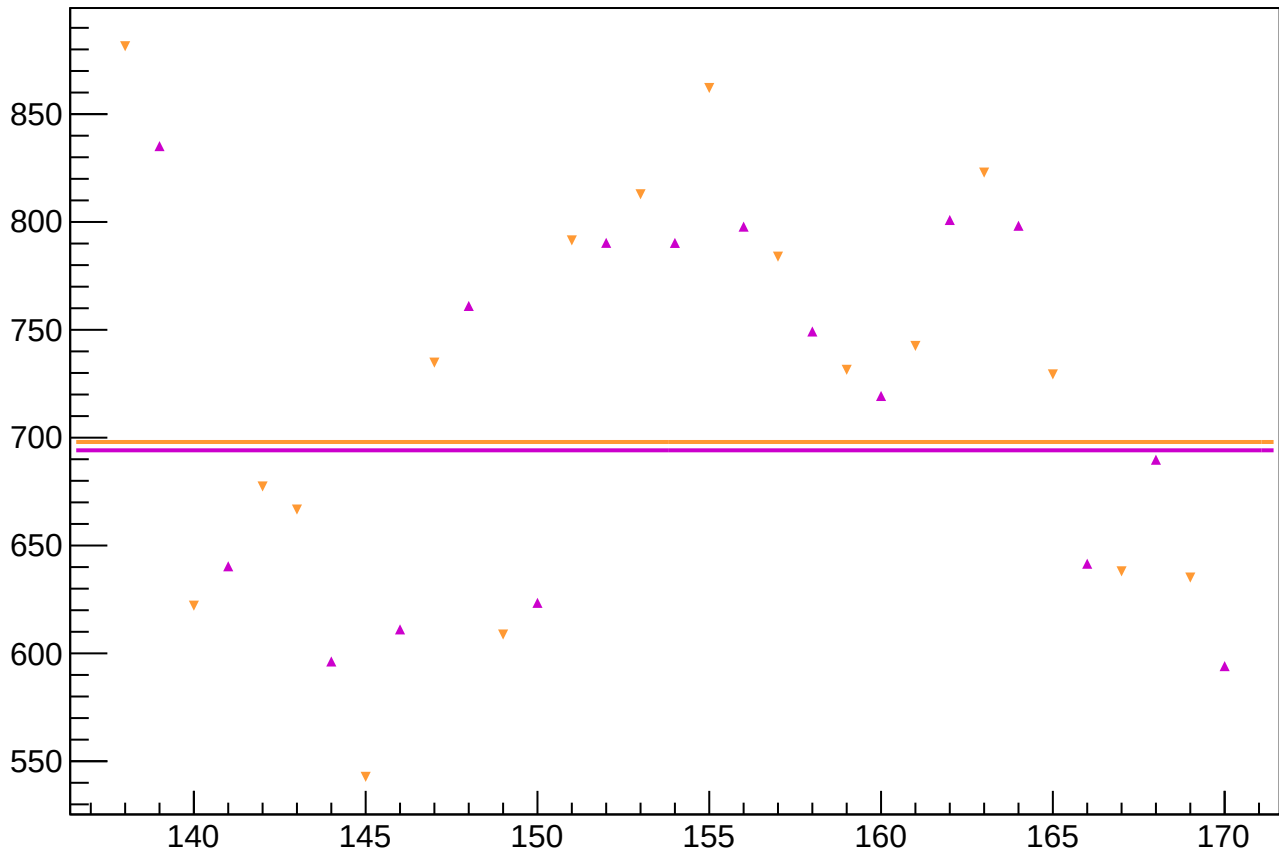
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.585+/-197.539 χ^2/NDF :20.0/15

Out: 1115.336+/-197.027 χ^2/NDF :23.0/16

All: 540.872+/-139.500 χ^2/NDF : 60.1/32

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 698.000+/-0.139 χ^2/NDF : 461254.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

Left: 696.073+/-0.099 χ^2/NDF : 813684.9/32

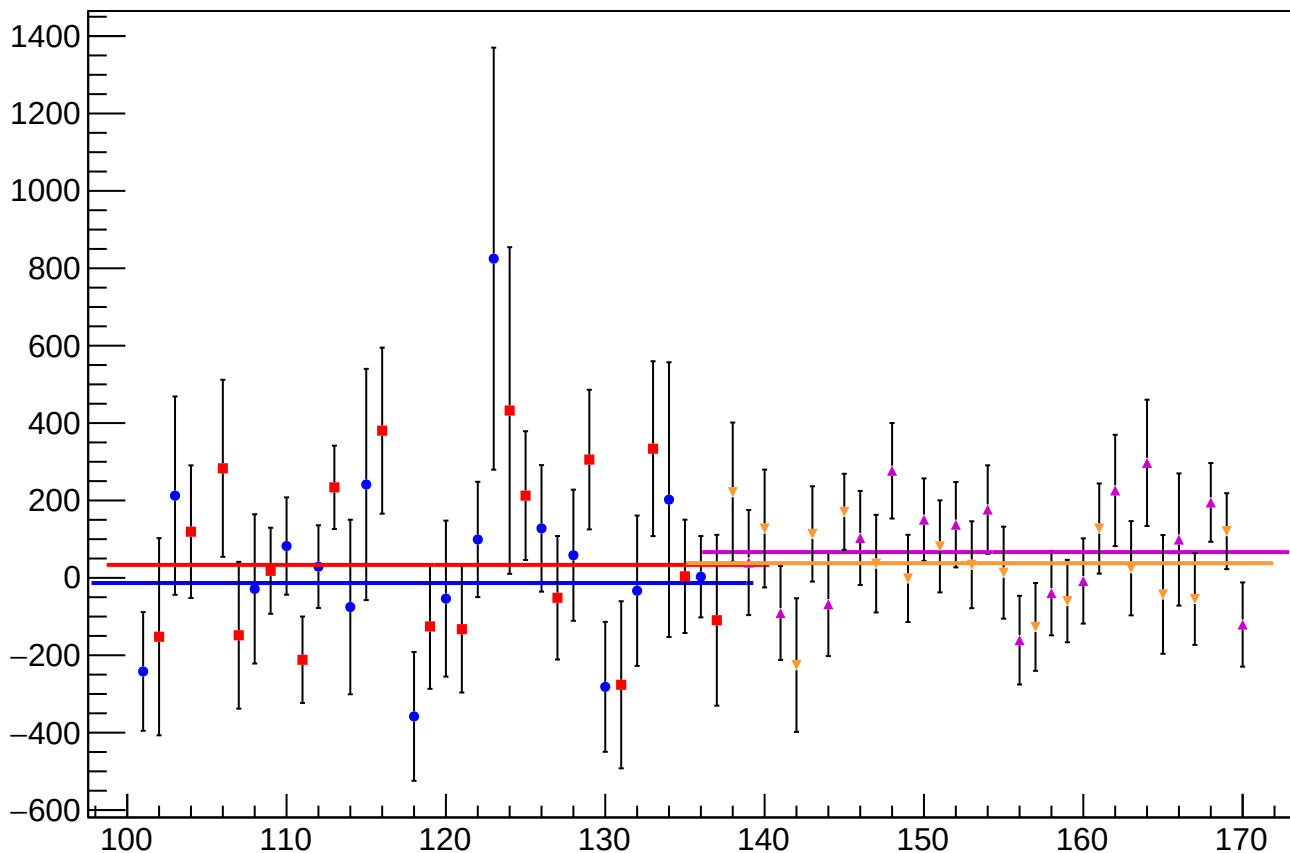
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

Out: 698.000+/-0.139 χ^2/NDF : 461254.8/16

All: 696.073+/-0.099 χ^2/NDF : 813684.9/32

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: 38.086 ± 29.312 $\chi^2/\text{NDF}: 11.4/16$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 66.531 ± 30.126 $\chi^2/\text{NDF}: 20.8/15$

Left: 51.919 ± 21.008 $\chi^2/\text{NDF}: 32.7/32$

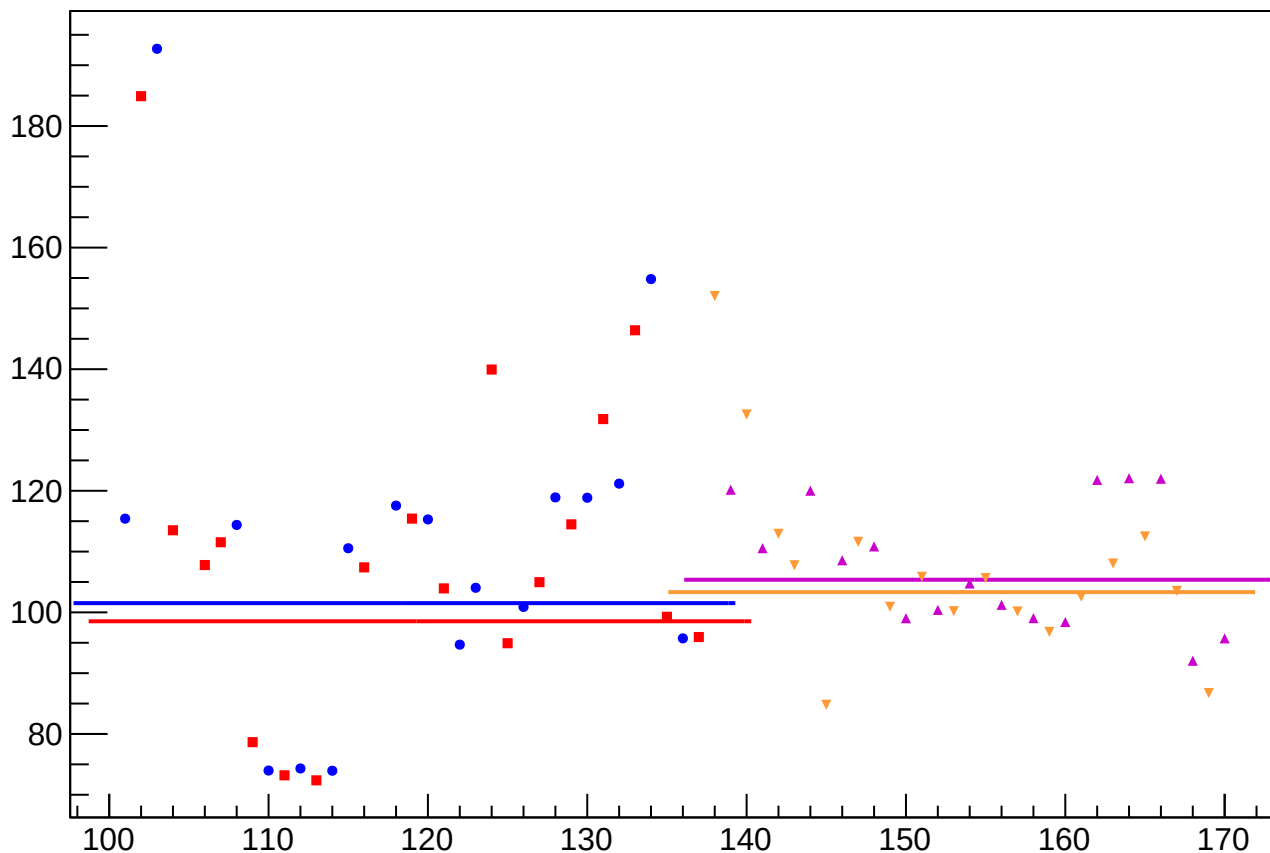
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 38.173 ± 24.183 $\chi^2/\text{NDF}: 39.0/32$

Out: 36.474 ± 23.408 $\chi^2/\text{NDF}: 36.1/34$

All: 37.296 ± 16.819 $\chi^2/\text{NDF}: 75.1/67$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 103.332 $\pm$ 0.021 χ^2 /NDF: 389309.7/16

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 105.371 $\pm$ 0.021 χ^2 /NDF: 200969.4/15

Left: 104.323 $\pm$ 0.015 χ^2 /NDF: 594987.5/32

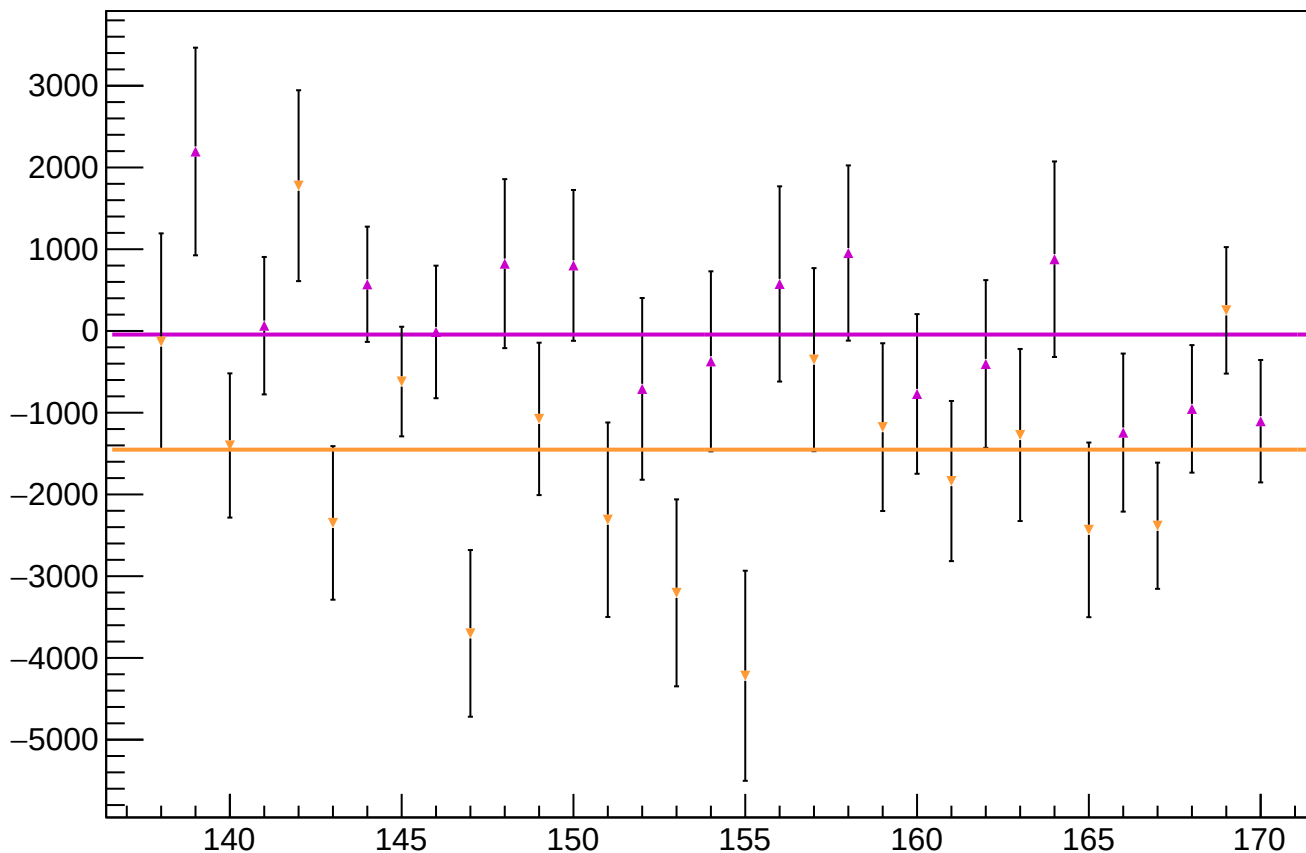
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.001 $\pm$ 0.017 χ^2 /NDF: 894310.5/32

Out: 101.595 $\pm$ 0.017 χ^2 /NDF: 1155678.3/34

All: 102.759 $\pm$ 0.012 χ^2 /NDF: 2060215.7/67

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1451.945+/-235.363 χ^2/NDF :32.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.850+/-235.202 χ^2/NDF :13.2/15

Left: -747.415+/-166.370 χ^2/NDF : 63.1/32

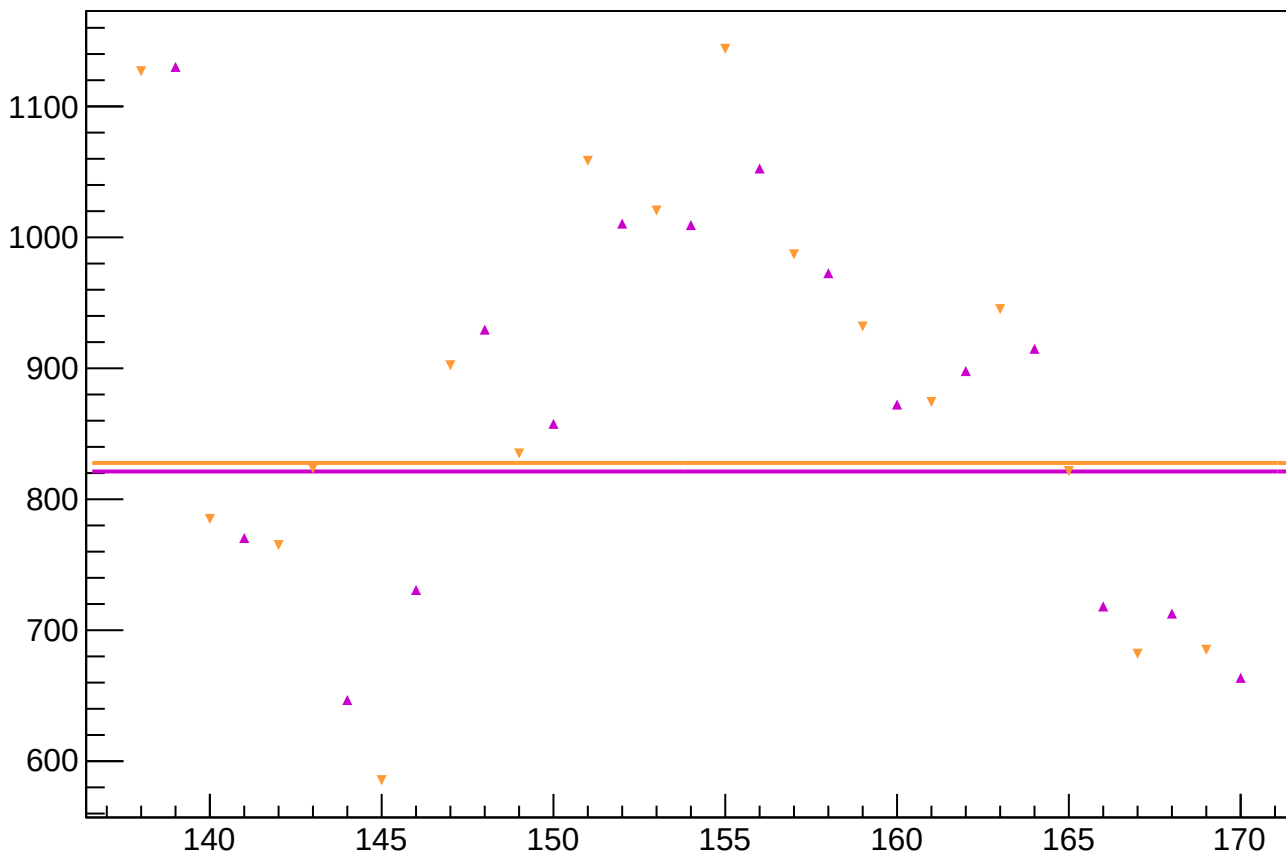
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.850+/-235.202 χ^2/NDF :13.2/15

Out: -1451.945+/-235.363 χ^2/NDF :32.0/16

All: -747.415+/-166.370 χ^2/NDF : 63.1/32

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 827.750+/-0.166 χ^2/NDF : 867408.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 821.211+/-0.166 χ^2/NDF : 708392.6/15

Left: 824.478+/-0.118 χ^2/NDF : 1576573.9/32

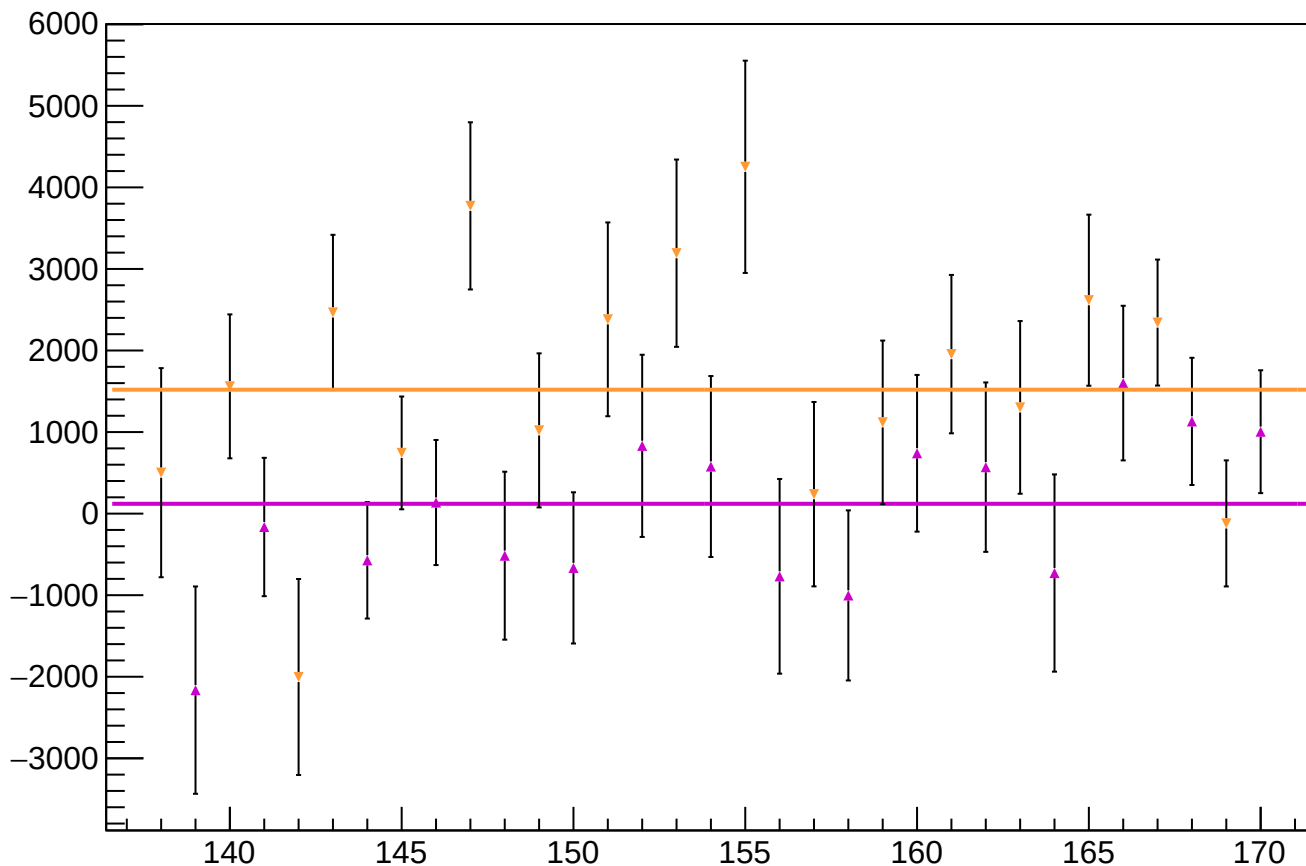
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 821.211+/-0.166 χ^2/NDF : 708392.6/15

Out: 827.750+/-0.166 χ^2/NDF : 867408.8/16

All: 824.478+/-0.118 χ^2/NDF : 1576573.9/32

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1519.505+/-236.355 χ^2/NDF :32.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.558+/-234.224 χ^2/NDF :14.3/15

Left: 813.697+/-166.370 χ^2/NDF : 64.0/32

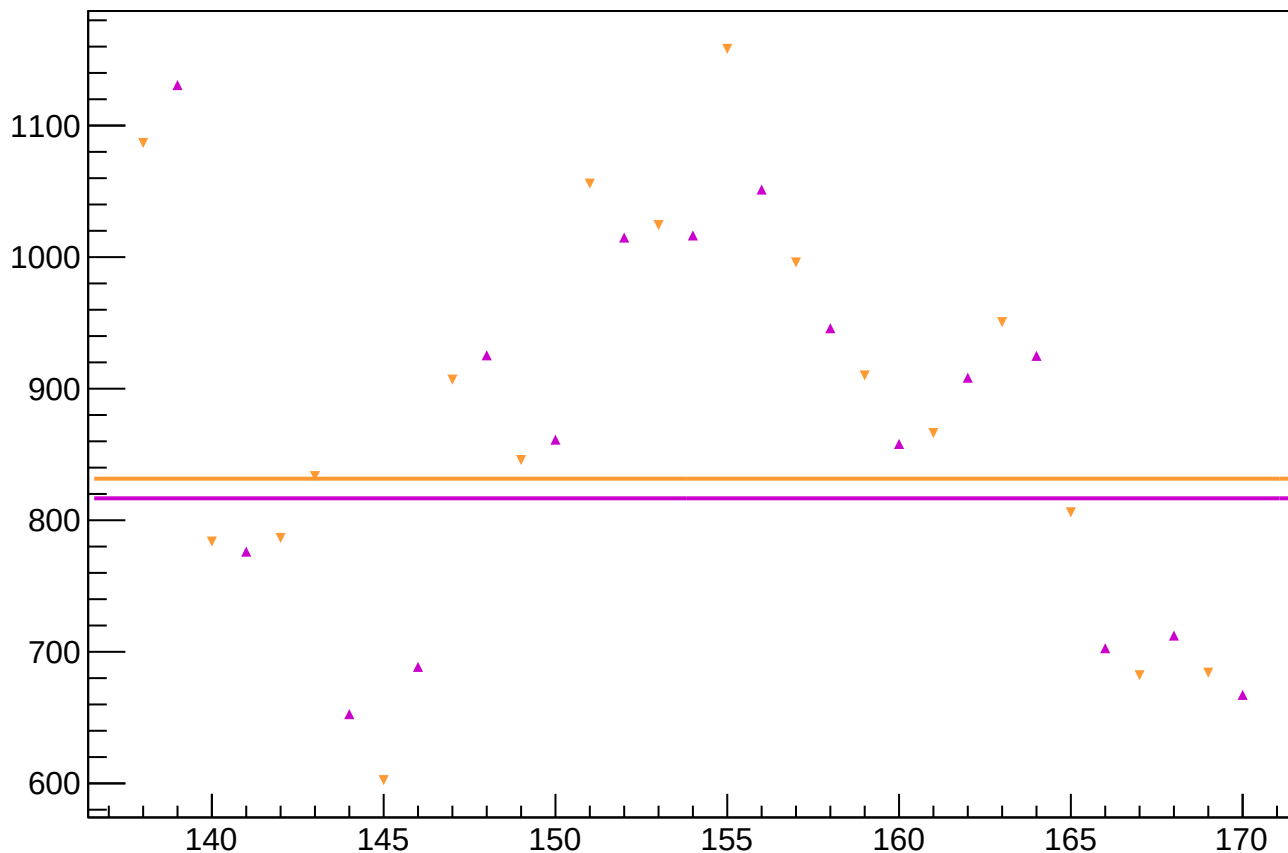
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.558+/-234.224 χ^2/NDF :14.3/15

Out: 1519.505+/-236.355 χ^2/NDF :32.1/16

All: 813.697+/-166.370 χ^2/NDF : 64.0/32

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 831.607+/-0.167 χ^2/NDF : 803548.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Left: 824.078+/-0.118 χ^2/NDF : 1537165.4/32

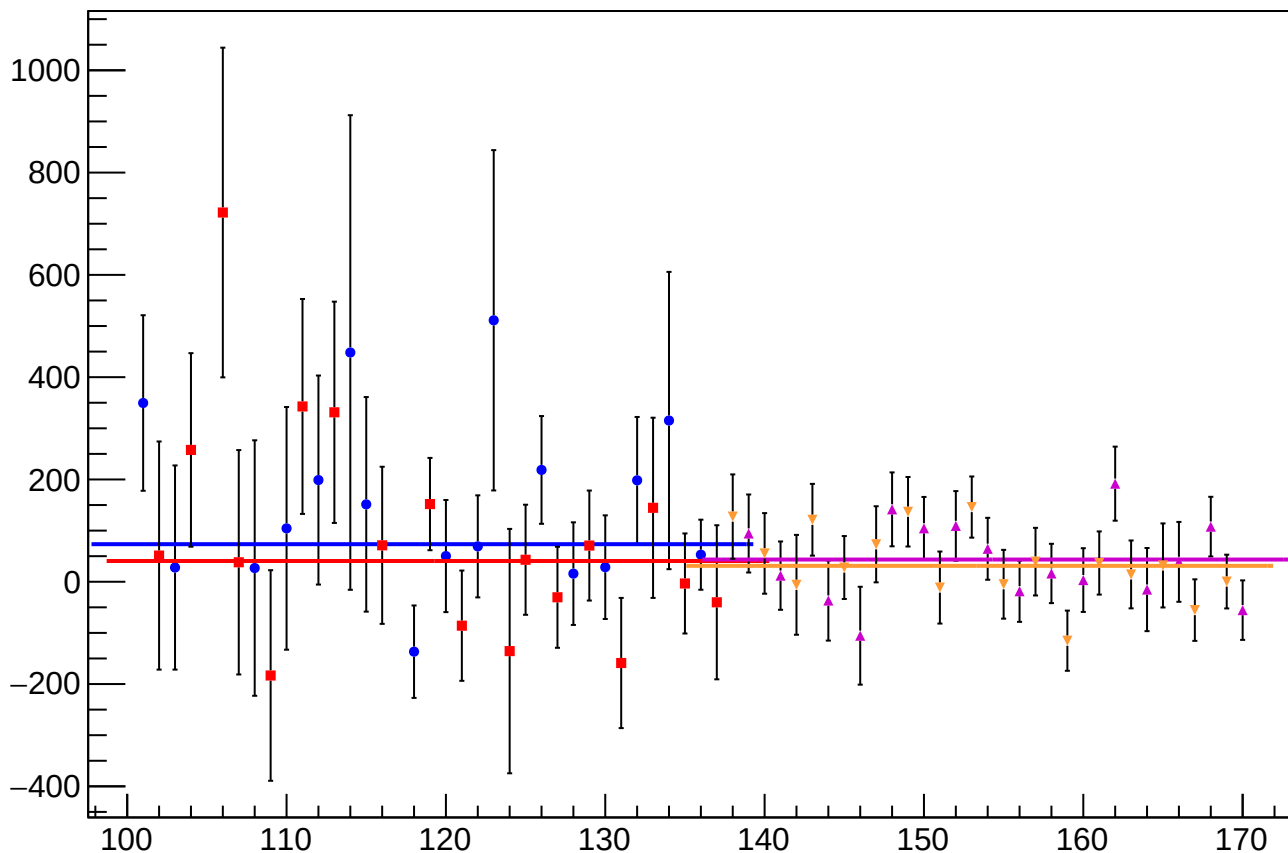
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Out: 831.607+/-0.167 χ^2/NDF : 803548.9/16

All: 824.078+/-0.118 χ^2/NDF : 1537165.4/32

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: 31.121 $\pm$ 16.279 χ^2 /NDF:19.0/16

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 43.440 $\pm$ 16.799 χ^2 /NDF:18.6/15

Left: 37.087 $\pm$ 11.690 χ^2 /NDF: 37.9/32

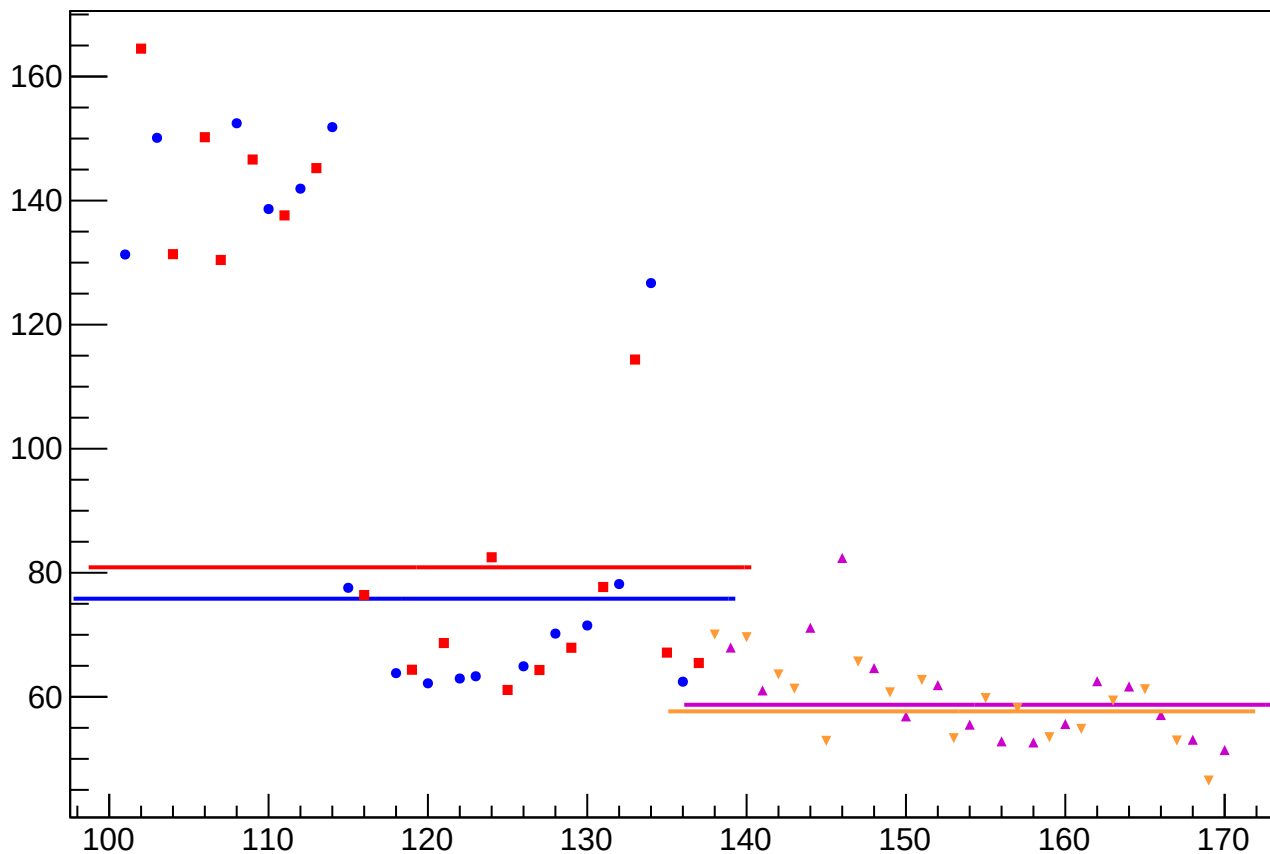
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 50.231 $\pm$ 14.776 χ^2 /NDF:34.6/32

Out: 32.998 $\pm$ 14.577 χ^2 /NDF:37.3/34

All: 41.498 $\pm$ 10.377 χ^2 /NDF: 72.6/67

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: 57.661 $\pm$ 0.012 χ^2 /NDF: 287912.0/16

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 58.720 $\pm$ 0.012 χ^2 /NDF: 334937.6/15

Left: 58.174 $\pm$ 0.008 χ^2 /NDF: 626946.6/32

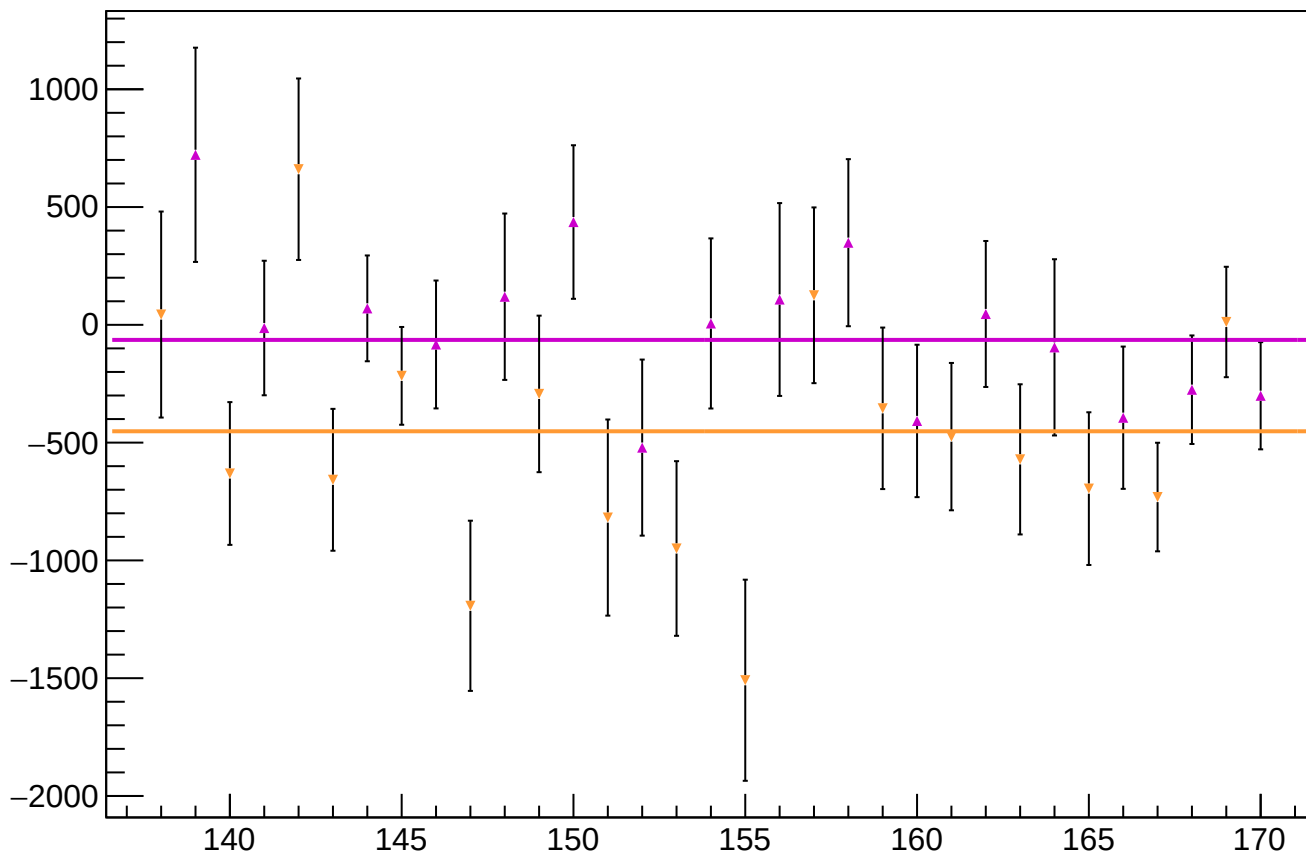
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 62.590 $\pm$ 0.010 χ^2 /NDF: 2153890.4/32

Out: 62.263 $\pm$ 0.010 χ^2 /NDF: 2620374.8/34

All: 62.424 $\pm$ 0.007 χ^2 /NDF: 4774762.2/67

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -451.866+/-75.661 χ^2/NDF :33.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.954+/-76.045 χ^2/NDF :13.5/15

Left: -258.890+/-53.636 χ^2/NDF : 60.0/32

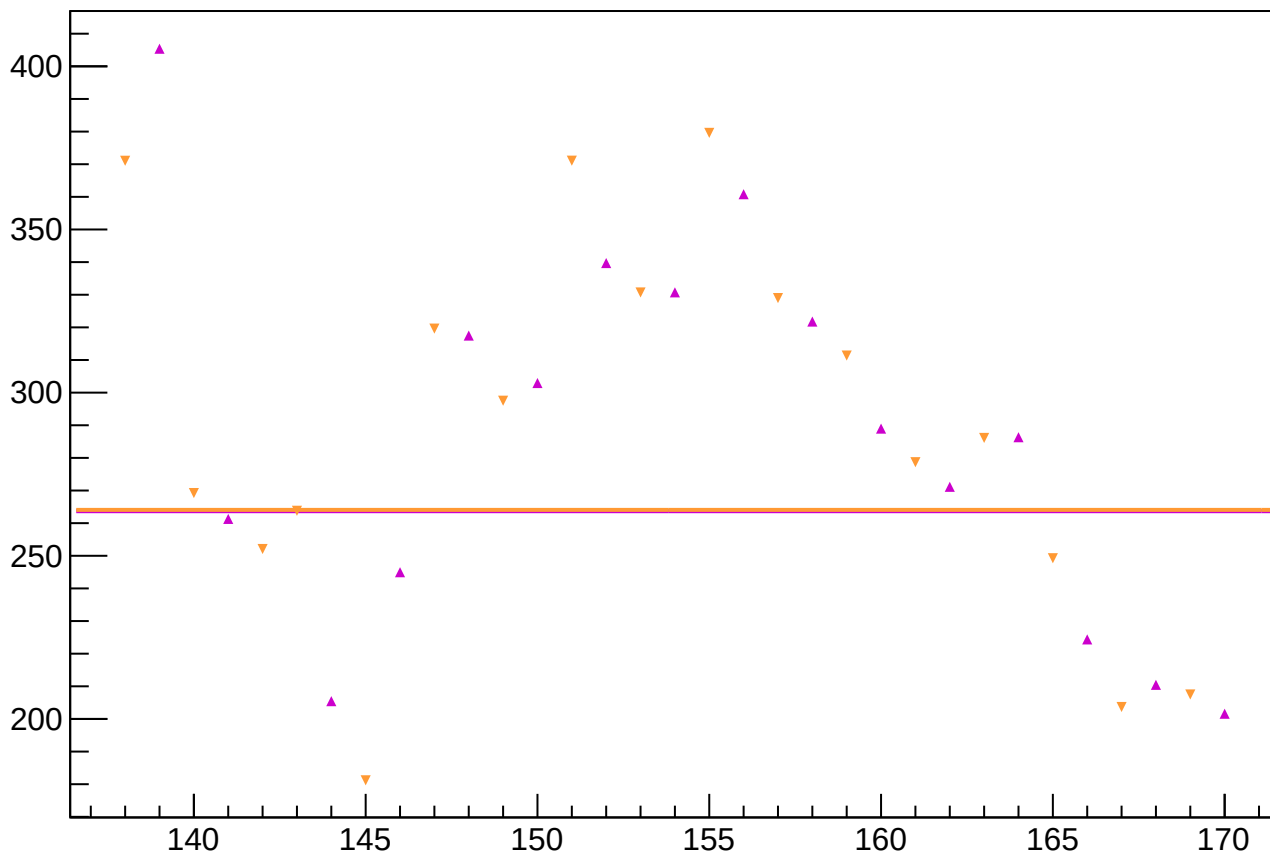
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.954+/-76.045 χ^2/NDF :13.5/15

Out: -451.866+/-75.661 χ^2/NDF :33.4/16

All: -258.890+/-53.636 χ^2/NDF : 60.0/32

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 264.067+/-0.054 χ^2/NDF :1222760.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Left: 263.867+/-0.038 χ^2/NDF : 2264911.5/32

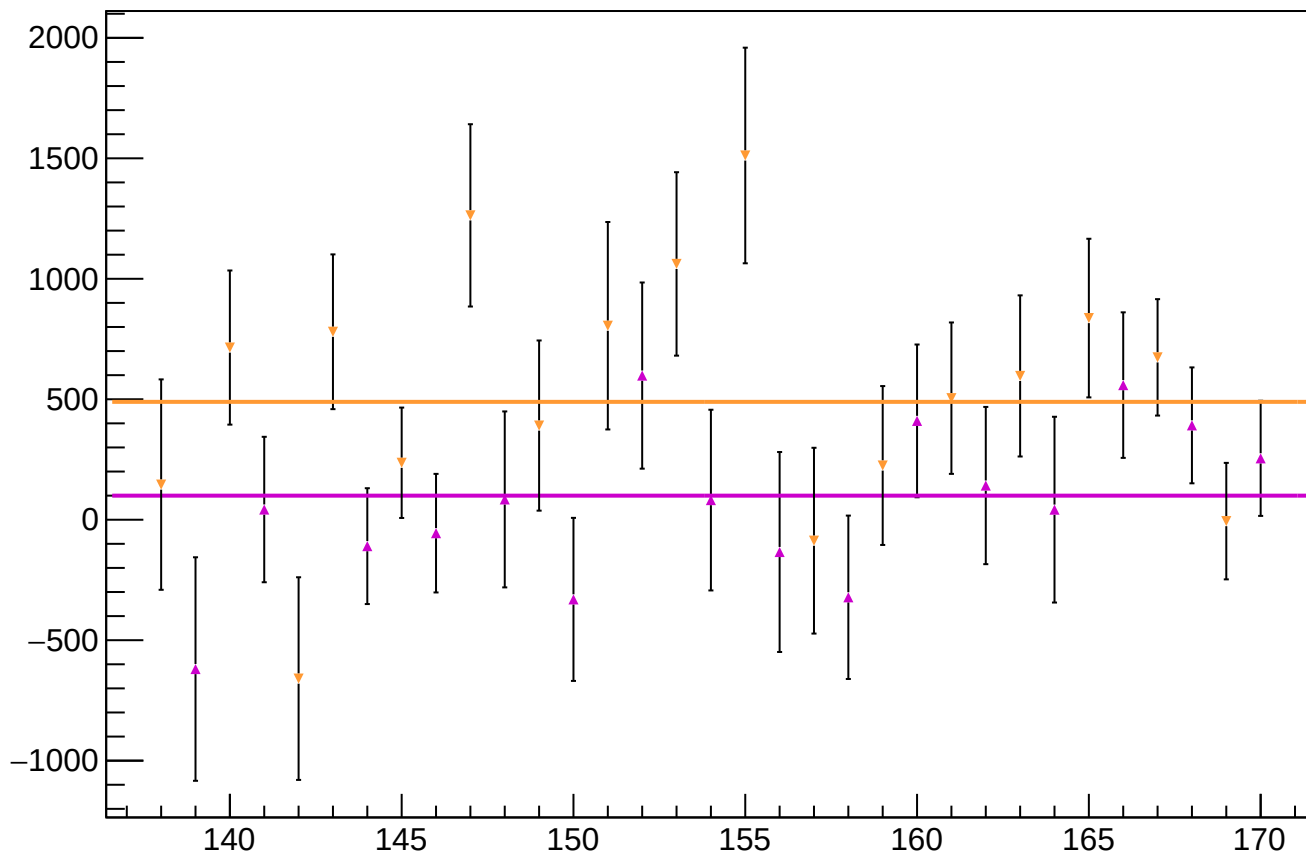
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Out: 264.067+/-0.054 χ^2/NDF :1222760.5/16

All: 263.867+/-0.038 χ^2/NDF : 2264911.5/32

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 489.246+/-79.011 χ^2/NDF :31.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 99.957+/-77.657 χ^2/NDF :14.0/15

Left: 291.236+/-55.384 χ^2/NDF : 58.1/32

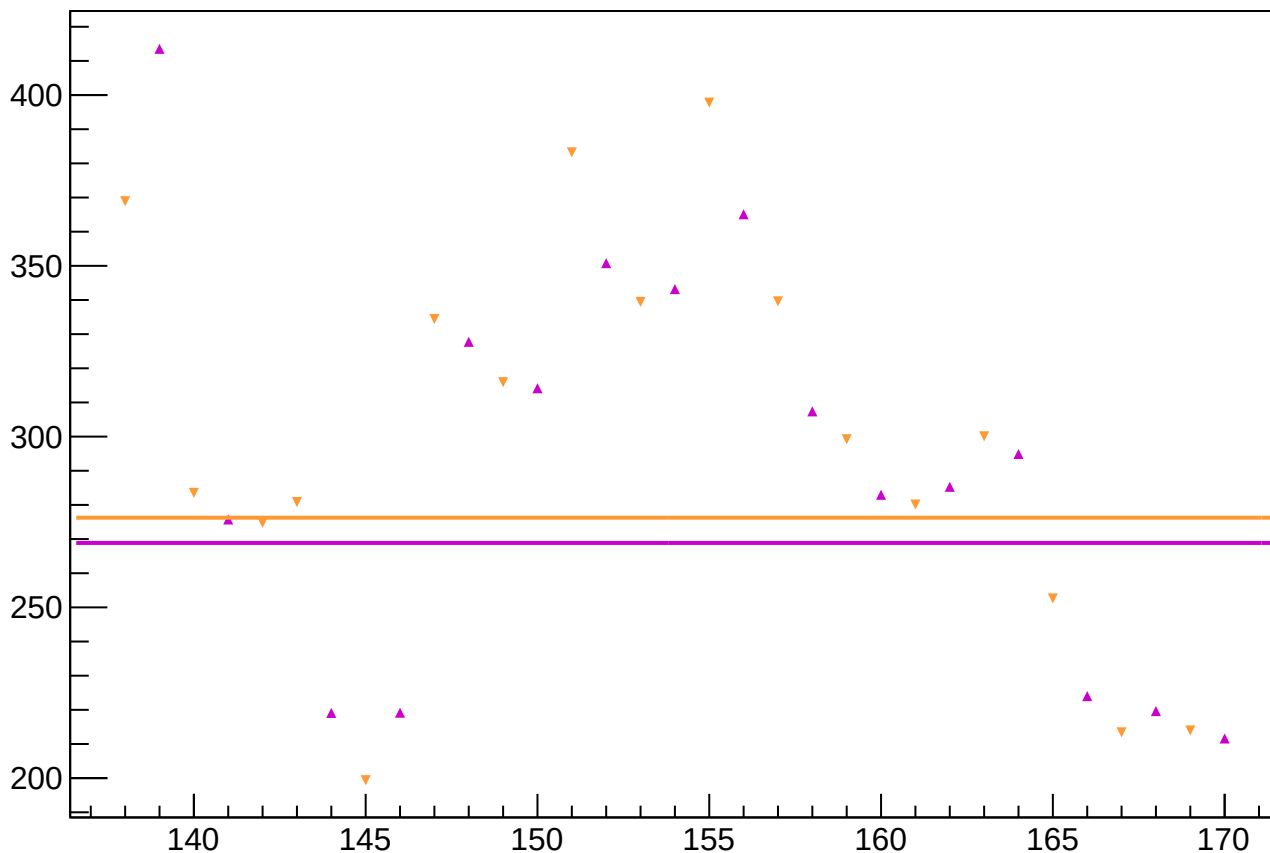
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 99.957+/-77.657 χ^2/NDF :14.0/15

Out: 489.246+/-79.011 χ^2/NDF :31.8/16

All: 291.236+/-55.384 χ^2/NDF : 58.1/32

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 276.261+/-0.056 χ^2/NDF :1067913.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Left: 272.499+/-0.039 χ^2/NDF : 2090361.2/32

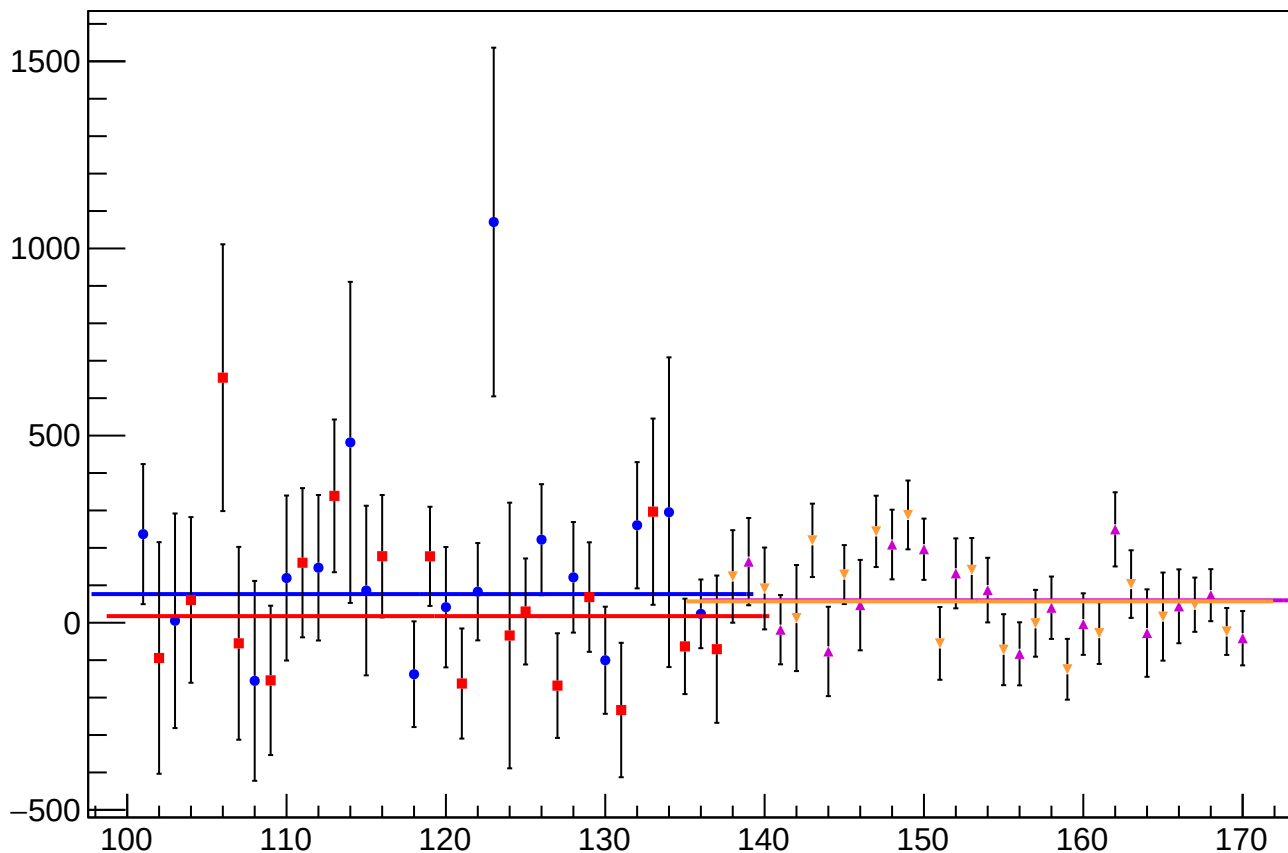
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Out: 276.261+/-0.056 χ^2/NDF :1067913.9/16

All: 272.499+/-0.039 χ^2/NDF : 2090361.2/32

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 57.116+/-21.759 χ^2/NDF : 26.9/16

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 59.878+/-22.647 χ^2/NDF : 18.6/15

Left: 58.442+/-15.690 χ^2/NDF : 45.6/32

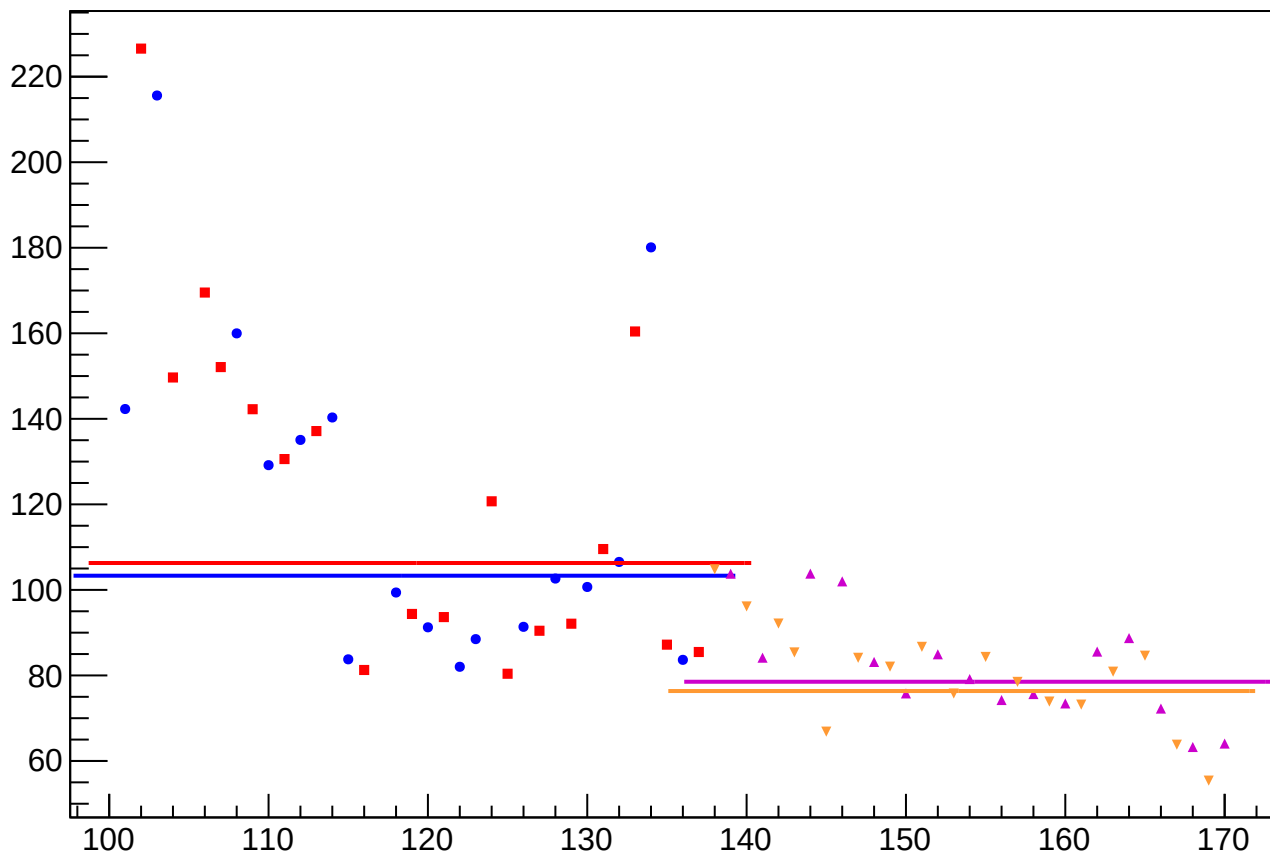
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 63.685+/-19.886 χ^2/NDF : 32.6/32

Out: 48.848+/-19.349 χ^2/NDF : 44.4/34

All: 56.064+/-13.868 χ^2/NDF : 77.4/67

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: 76.352 $\pm$ 0.015 χ^2 /NDF: 604453.5/16

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 78.523 $\pm$ 0.016 χ^2 /NDF: 507470.6/15

Left: 77.394 $\pm$ 0.011 χ^2 /NDF: 1121484.3/32

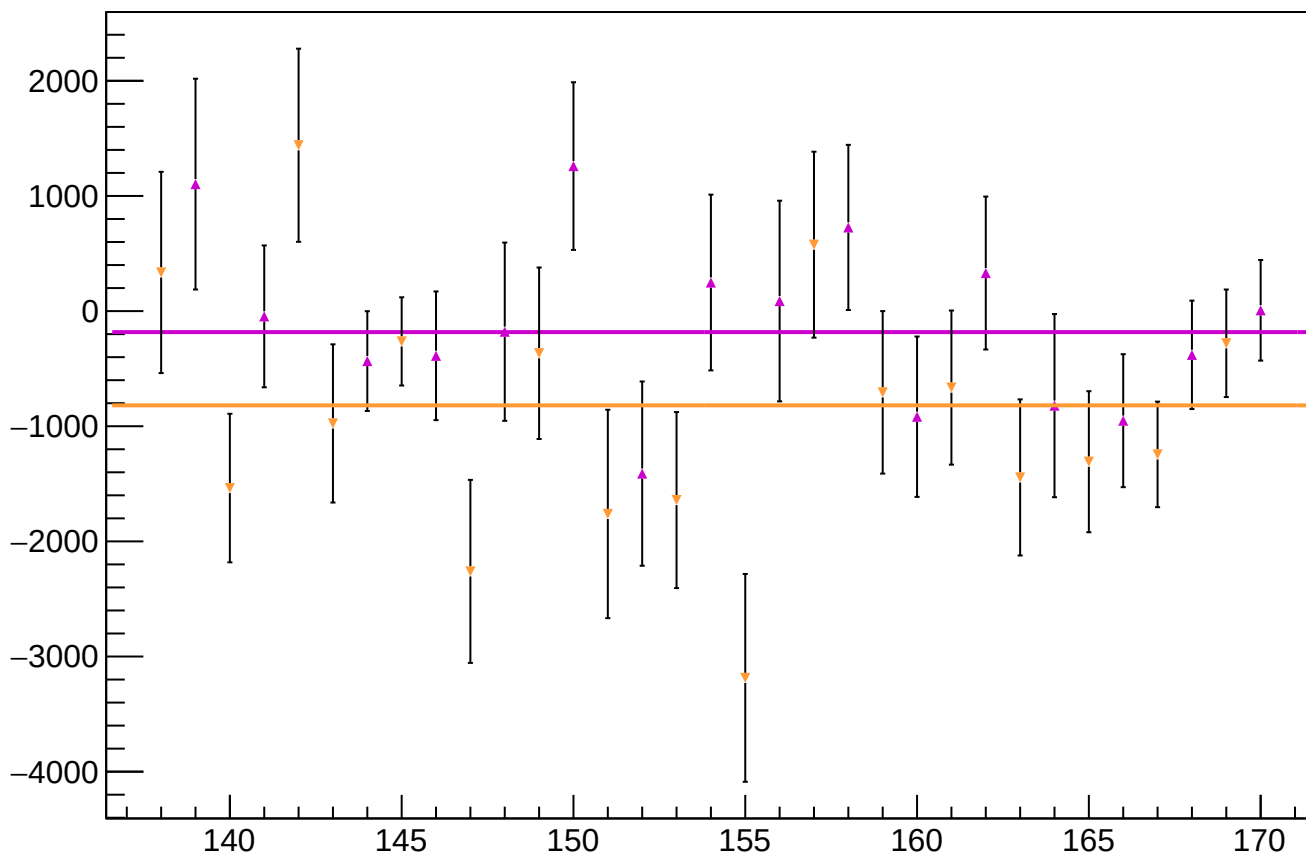
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 84.201 $\pm$ 0.014 χ^2 /NDF: 1894189.1/32

Out: 82.616 $\pm$ 0.014 χ^2 /NDF: 2397390.8/34

All: 83.387 $\pm$ 0.010 χ^2 /NDF: 4298099.0/67

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -818.577+/-155.090 χ^2/NDF :31.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -182.514+/-155.960 χ^2/NDF :15.3/15

Left: -502.325+/-109.972 χ^2/NDF : 55.6/32

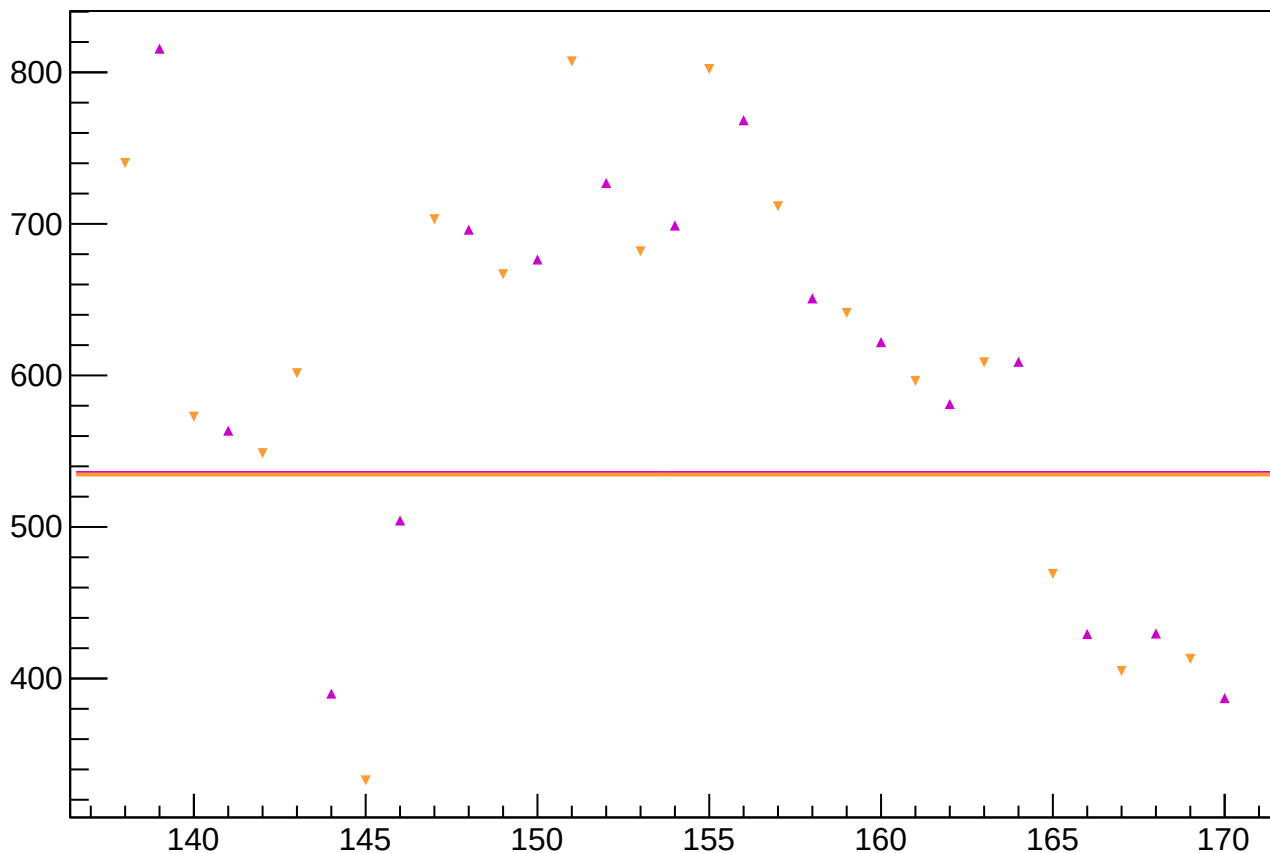
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -182.514+/-155.960 χ^2/NDF :15.3/15

Out: -818.577+/-155.090 χ^2/NDF :31.9/16

All: -502.325+/-109.972 χ^2/NDF : 55.6/32

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 534.625+/-0.110 χ^2/NDF :1777989.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Left: 535.102+/-0.078 χ^2/NDF : 3219896.2/32

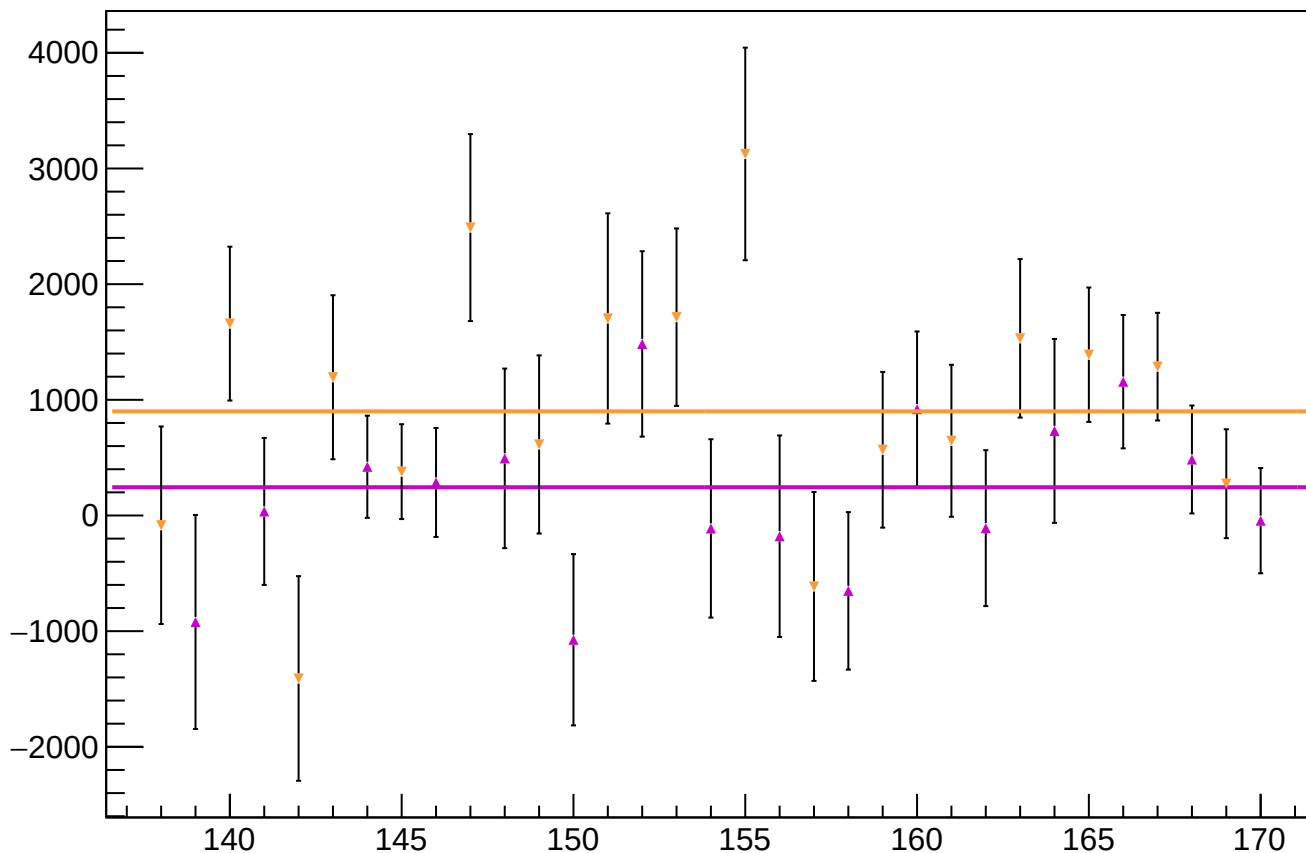
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Out: 534.625+/-0.110 χ^2/NDF :1777989.5/16

All: 535.102+/-0.078 χ^2/NDF : 3219896.2/32

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 900.481+/-157.321 χ^2/NDF :30.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.337+/-154.479 χ^2/NDF :14.5/15

Left: 566.428+/-110.224 χ^2/NDF : 54.3/32

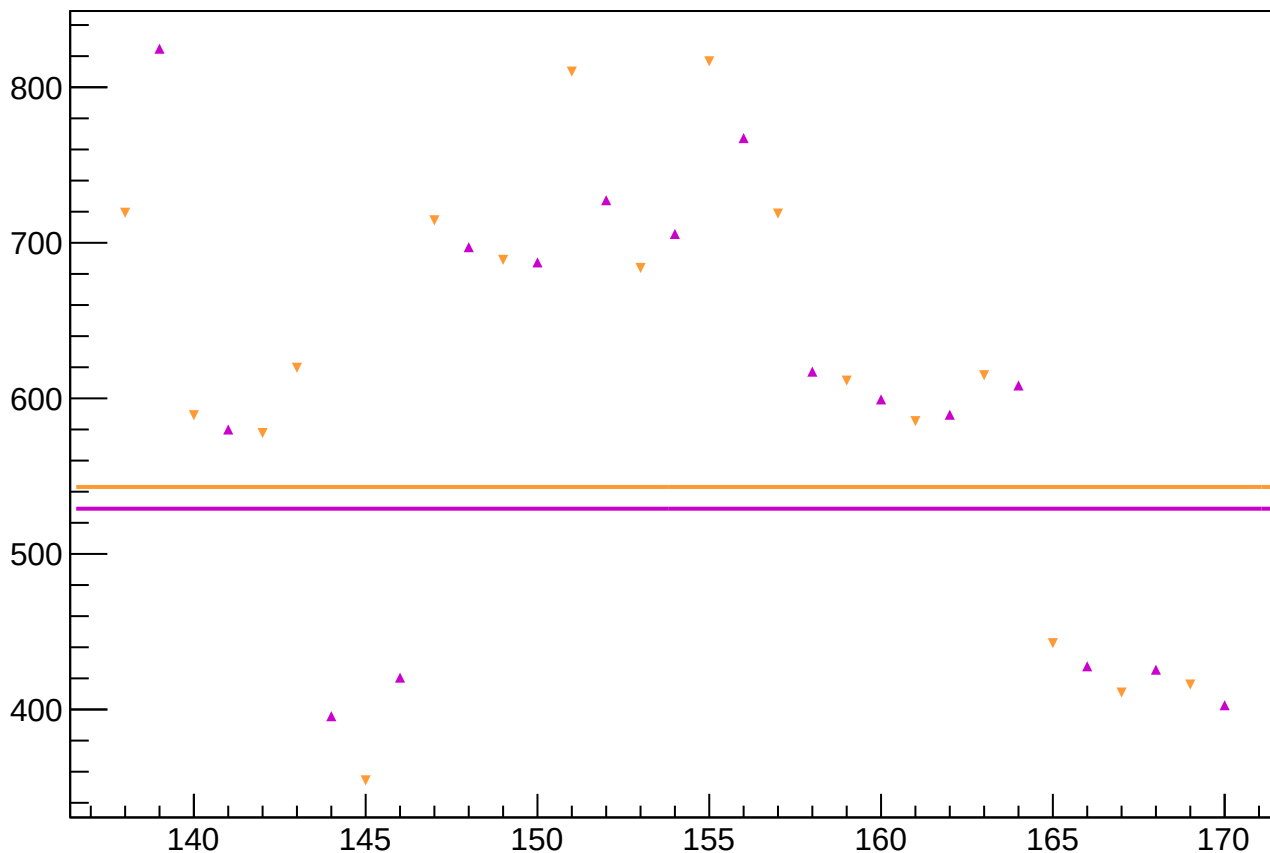
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.337+/-154.479 χ^2/NDF :14.5/15

Out: 900.481+/-157.321 χ^2/NDF :30.9/16

All: 566.428+/-110.224 χ^2/NDF : 54.3/32

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 543.054+/-0.111 χ^2/NDF :1633798.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Left: 535.937+/-0.078 χ^2/NDF : 3115470.3/32

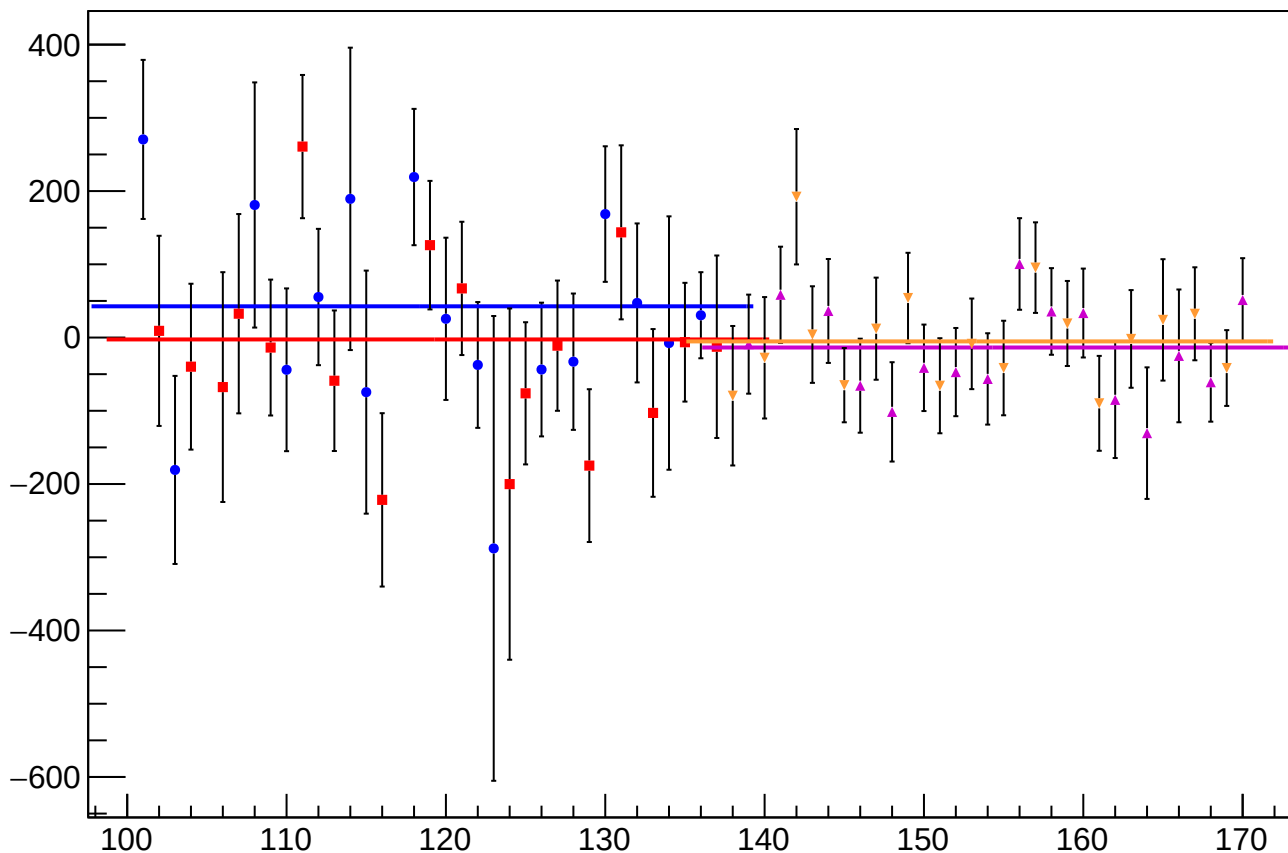
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Out: 543.054+/-0.111 χ^2/NDF :1633798.8/16

All: 535.937+/-0.078 χ^2/NDF : 3115470.3/32

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 χ^2/NDF : 18.9/16

Left Out: -5.259 ± 15.836 χ^2/NDF : 14.3/16

Right Out: -2.576 ± 25.088 χ^2/NDF : 20.4/17

Left In: -13.591 ± 16.227 χ^2/NDF : 14.3/15

Left: -9.324 ± 11.334 χ^2/NDF : 28.7/32

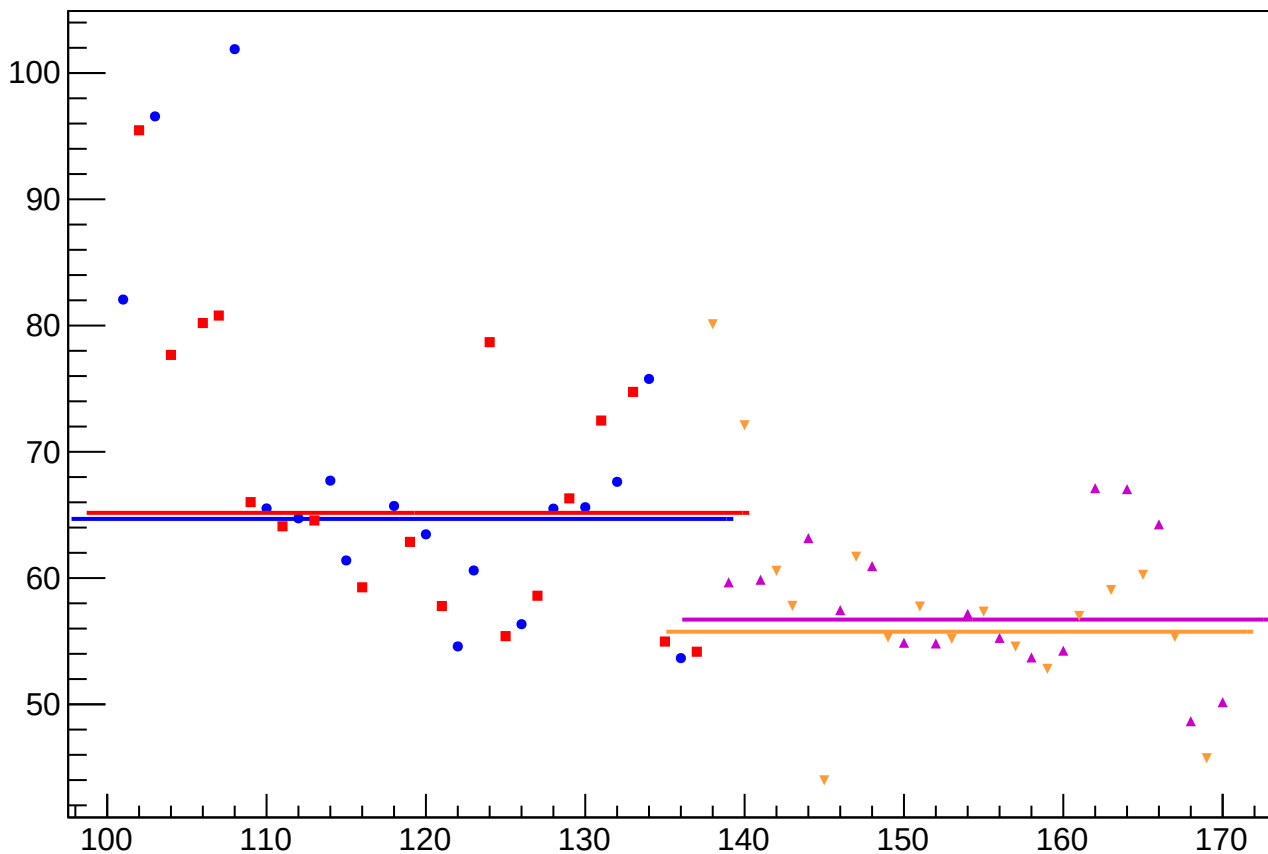
Right: 19.683 ± 17.879 χ^2/NDF : 40.9/34

In: 2.633 ± 13.688 χ^2/NDF : 36.6/32

Out: -4.495 ± 13.392 χ^2/NDF : 34.8/34

All: -1.009 ± 9.572 χ^2/NDF : 71.5/67

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: 55.751 $\pm$ 0.011 χ^2 /NDF: 434236.6/16

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 56.713 $\pm$ 0.011 χ^2 /NDF: 192109.6/15

Left: 56.220 $\pm$ 0.008 χ^2 /NDF: 629946.6/32

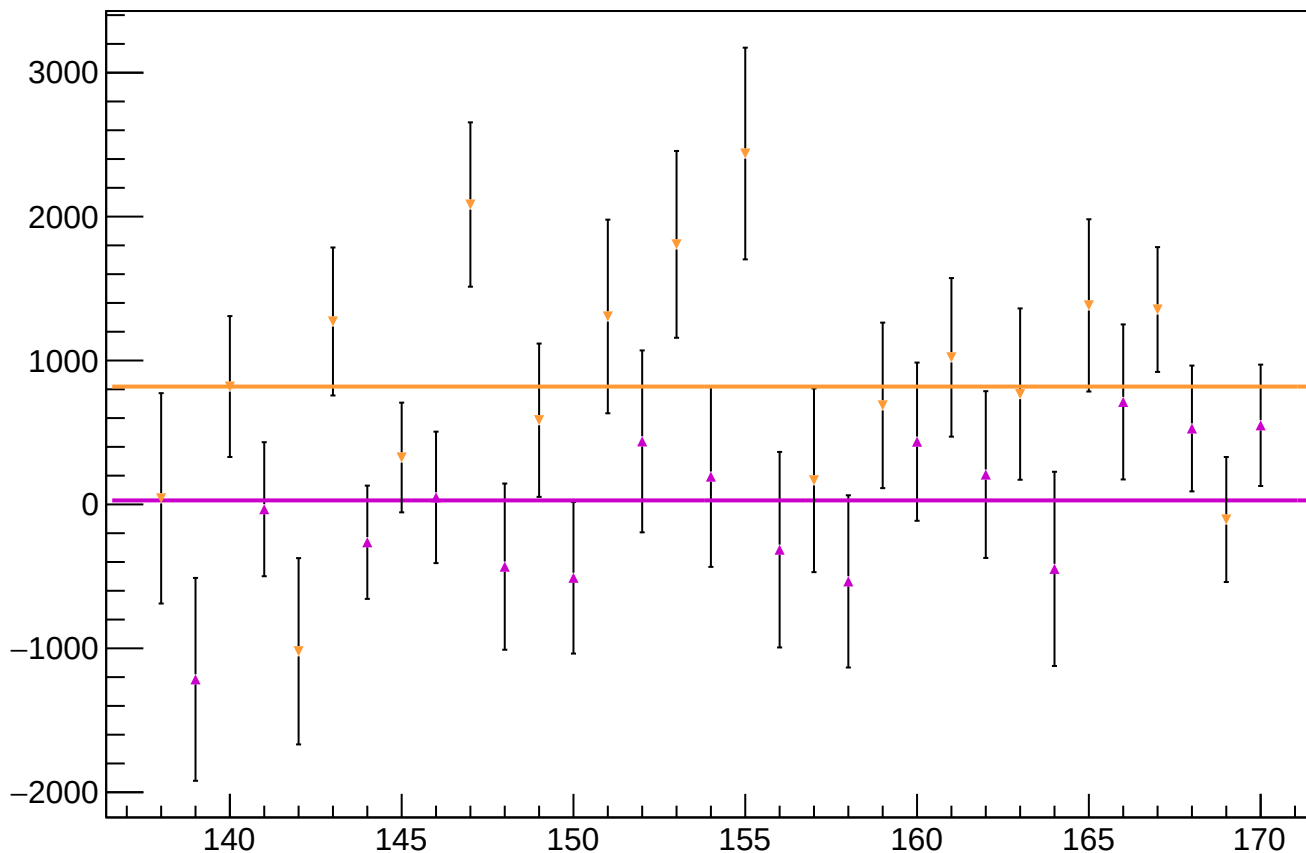
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.013 $\pm$ 0.010 χ^2 /NDF: 731555.6/32

Out: 58.434 $\pm$ 0.009 χ^2 /NDF: 940289.5/34

All: 58.717 $\pm$ 0.007 χ^2 /NDF: 1673672.6/67

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: 818.935+/-132.308 χ^2/NDF :32.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.969+/-132.137 χ^2/NDF :12.6/15

Left: 422.941+/-93.495 χ^2/NDF : 63.1/32

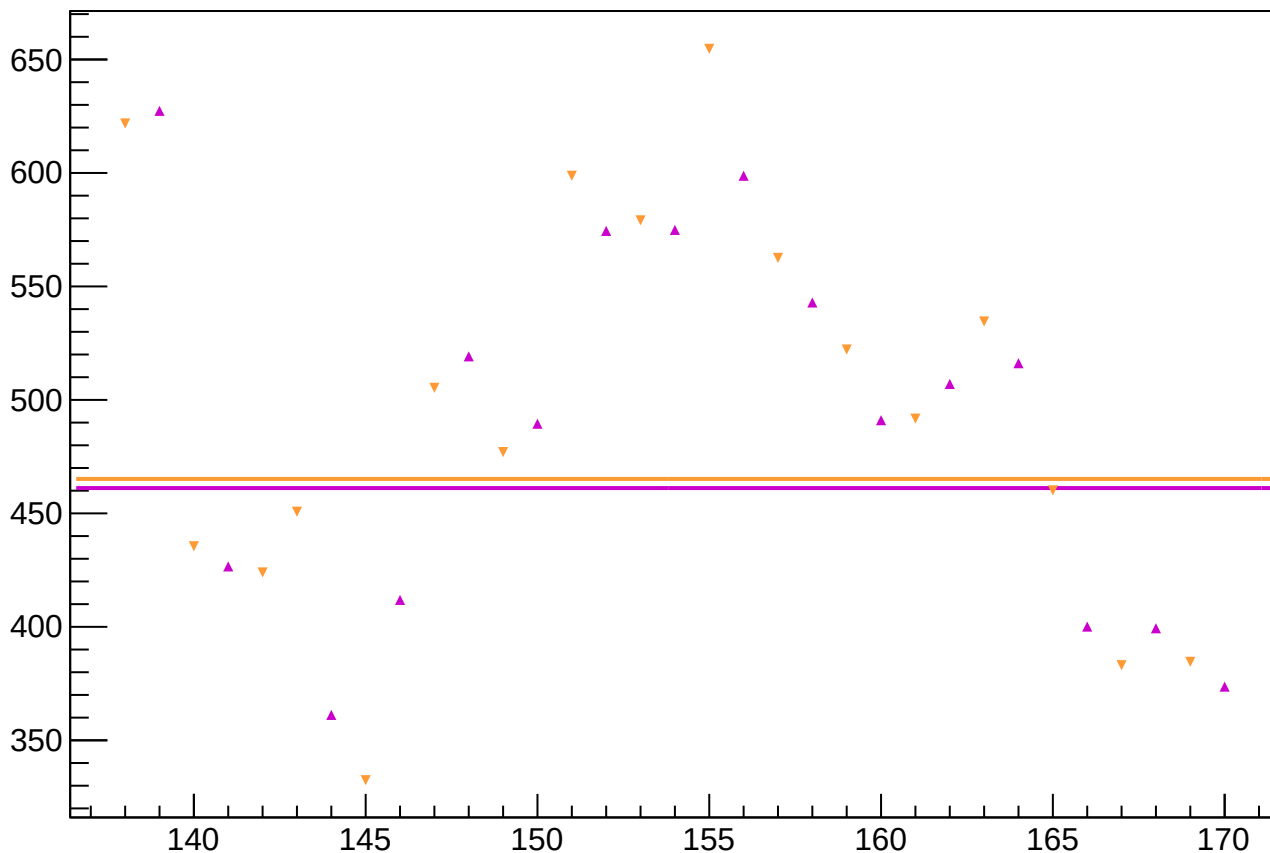
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.969+/-132.137 χ^2/NDF :12.6/15

Out: 818.935+/-132.308 χ^2/NDF :32.6/16

All: 422.941+/-93.495 χ^2/NDF : 63.1/32

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: 465.187+/-0.094 χ^2/NDF : 874306.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 461.152+/-0.093 χ^2/NDF : 733483.0/15

Left: 463.167+/-0.066 χ^2/NDF : 1608720.4/32

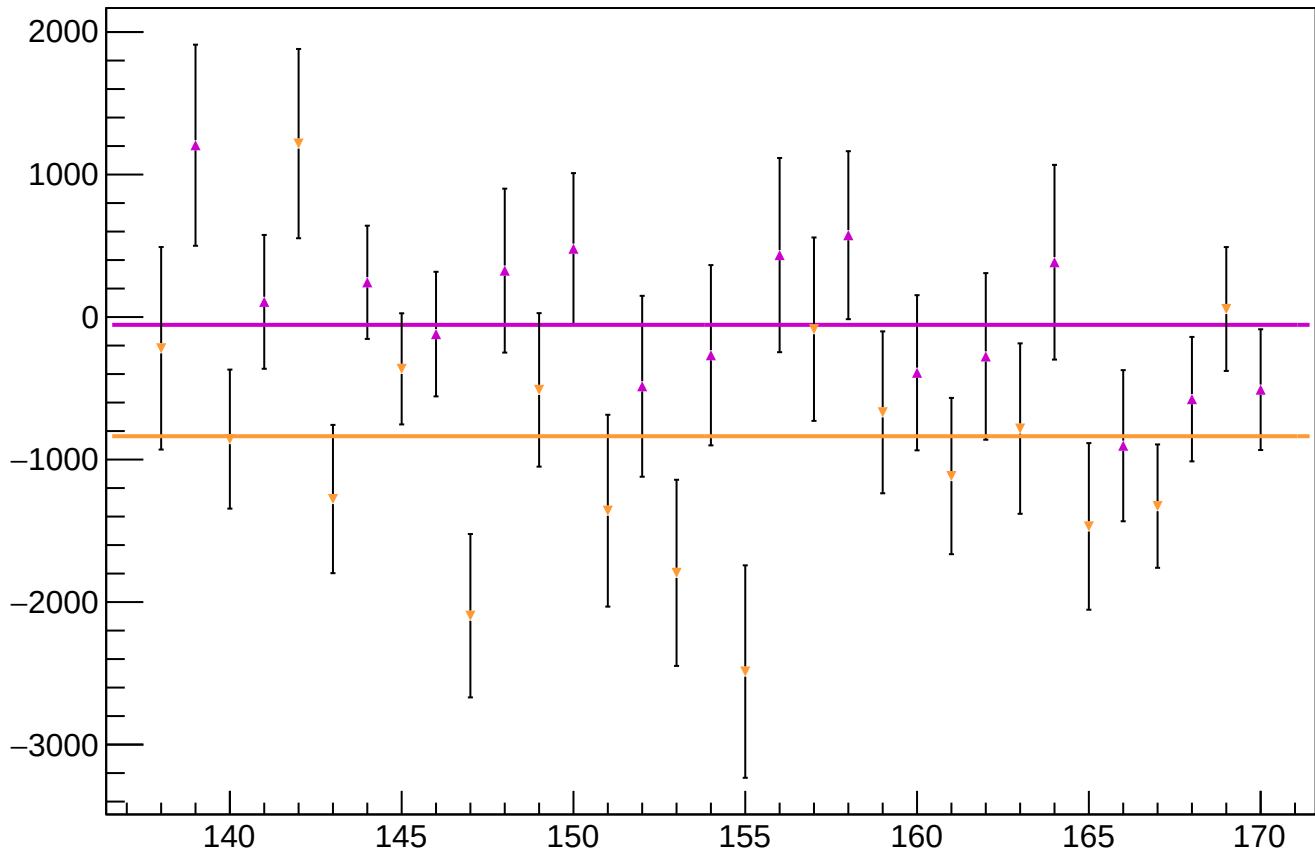
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 461.152+/-0.093 χ^2/NDF : 733483.0/15

Out: 465.187+/-0.094 χ^2/NDF : 874306.5/16

All: 463.167+/-0.066 χ^2/NDF : 1608720.4/32

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -836.220+/-132.737 χ^2/NDF :33.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.654+/-131.855 χ^2/NDF :13.7/15

Left: -442.832+/-93.546 χ^2/NDF : 64.9/32

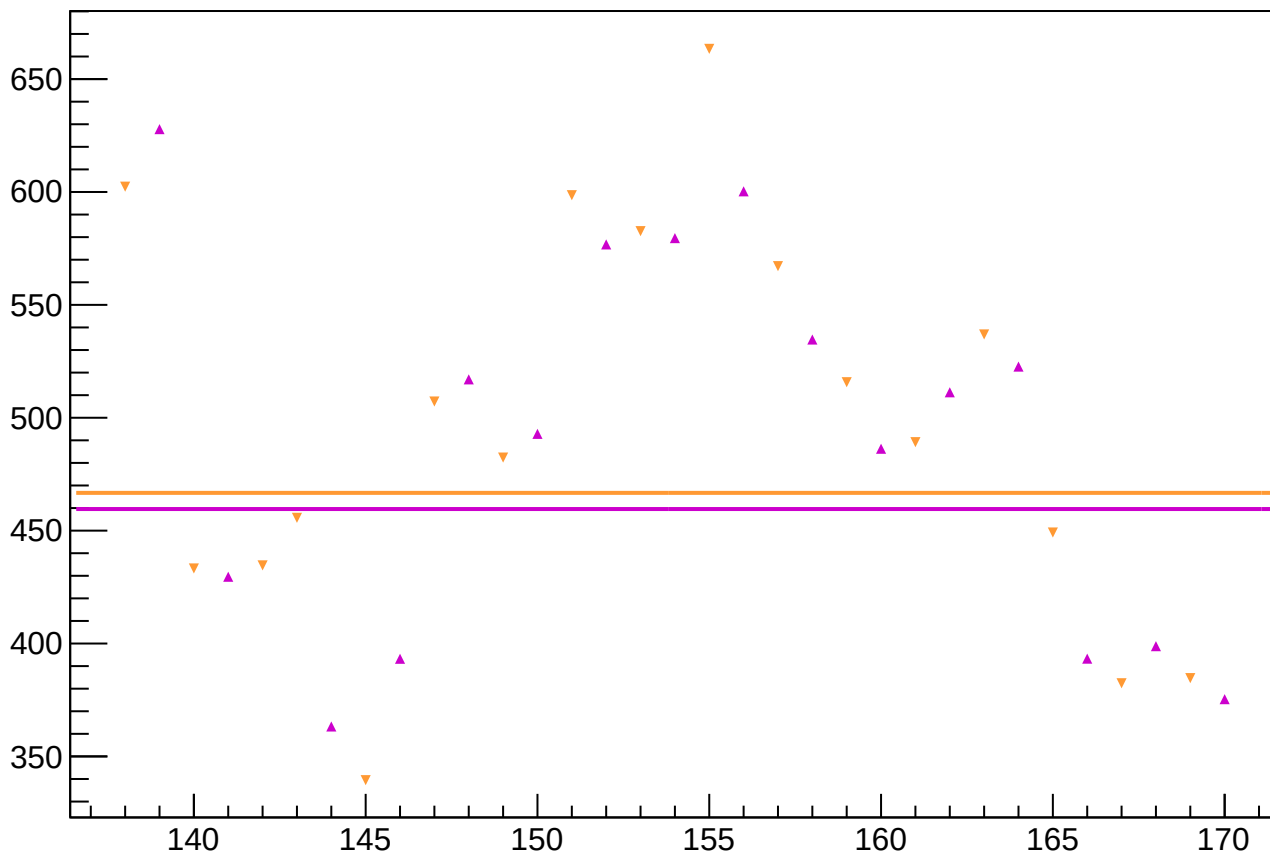
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.654+/-131.855 χ^2/NDF :13.7/15

Out: -836.220+/-132.737 χ^2/NDF :33.8/16

All: -442.832+/-93.546 χ^2/NDF : 64.9/32

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 466.732+/-0.094 χ^2/NDF : 834941.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Left: 463.127+/-0.066 χ^2/NDF : 1595547.4/32

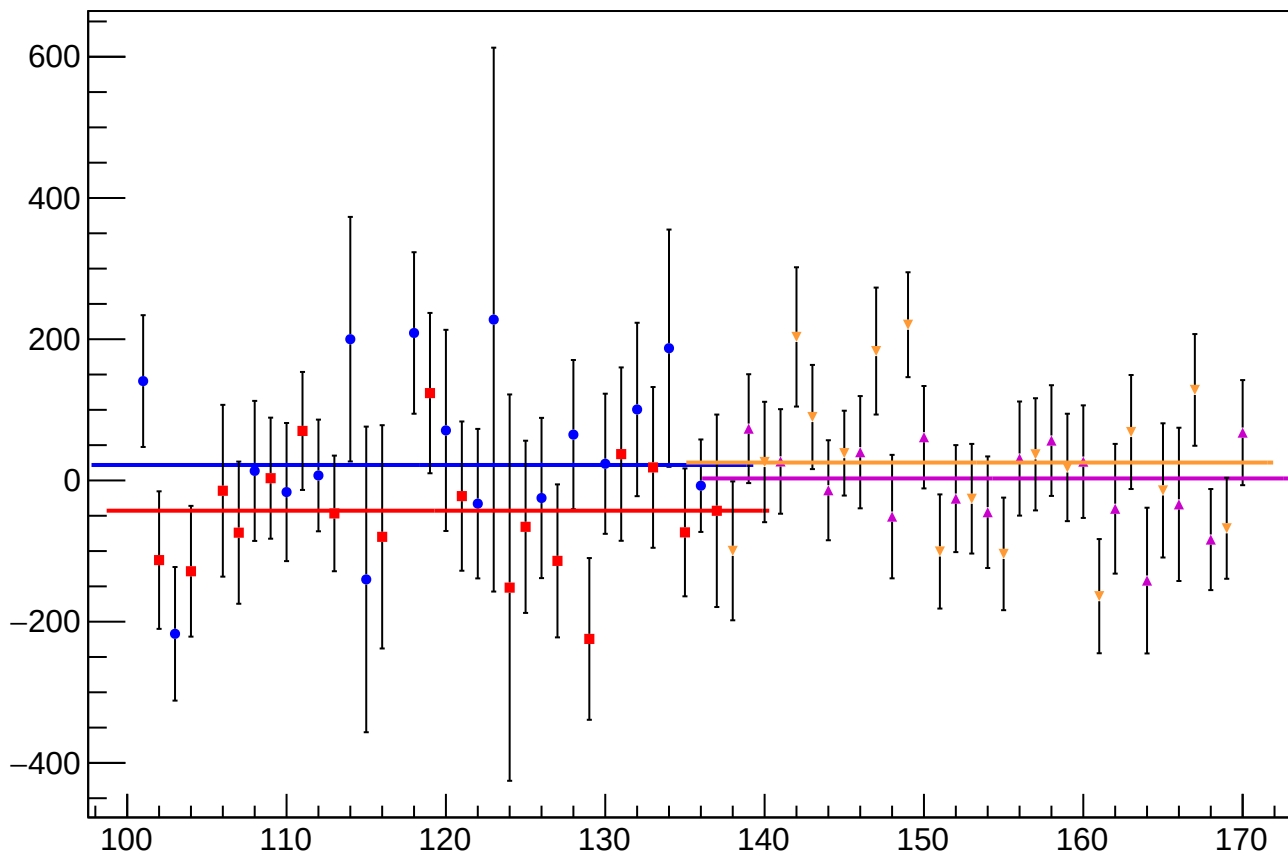
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Out: 466.732+/-0.094 χ^2/NDF : 834941.2/16

All: 463.127+/-0.066 χ^2/NDF : 1595547.4/32

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: 25.346 $\pm$ 19.281 χ^2 /NDF:30.5/16

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 2.849 $\pm$ 19.960 χ^2 /NDF:8.0/15

Left: 14.487 $\pm$ 13.867 χ^2 /NDF: 39.1/32

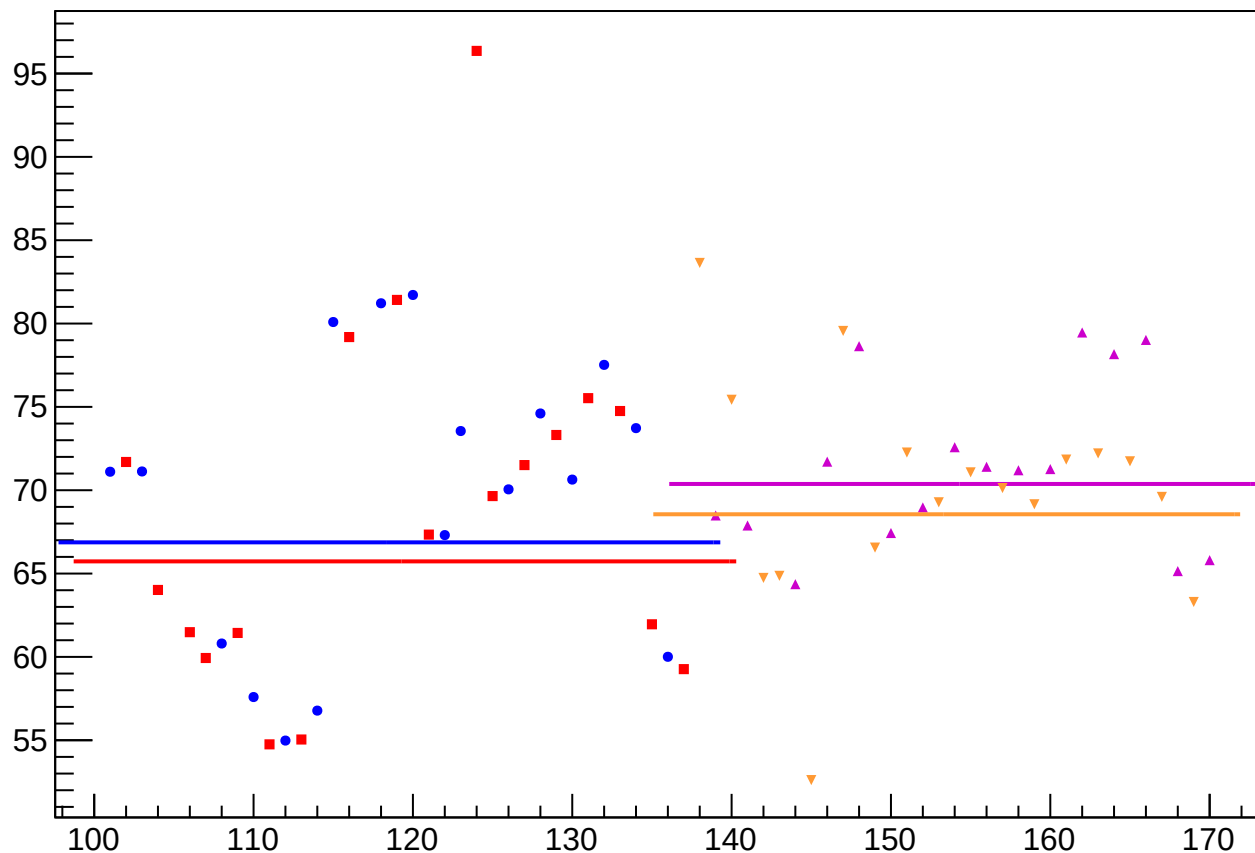
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 9.898 $\pm$ 15.845 χ^2 /NDF:23.4/32

Out: 0.071 $\pm$ 15.294 χ^2 /NDF:45.0/34

All: 4.811 $\pm$ 11.004 χ^2 /NDF: 68.6/67

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: 68.557 $\pm$ 0.014 χ^2 /NDF:268445.4/16

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 70.376 $\pm$ 0.014 χ^2 /NDF:104543.3/15

Left: 69.435 $\pm$ 0.010 χ^2 /NDF: 381574.7/32

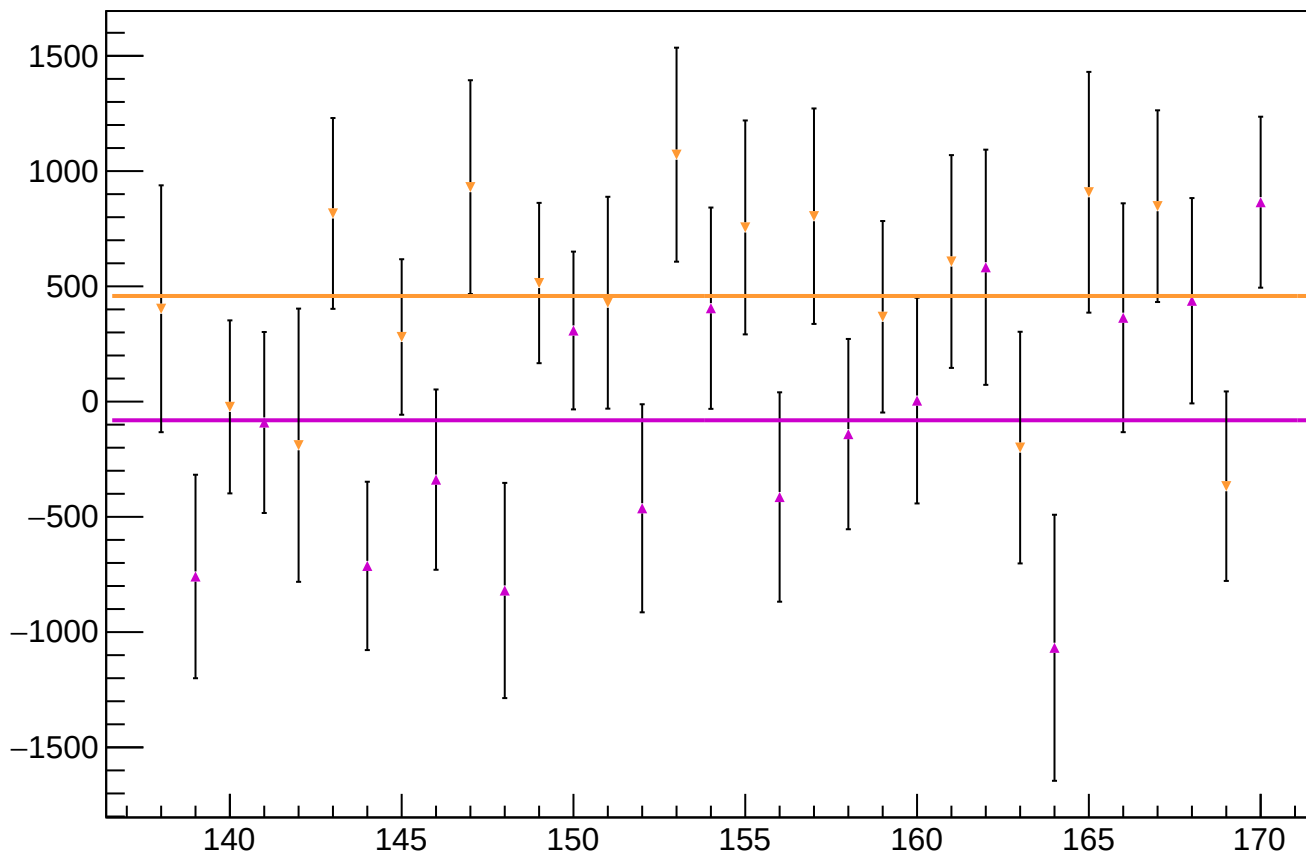
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 69.080 $\pm$ 0.011 χ^2 /NDF:329847.8/32

Out: 67.509 $\pm$ 0.011 χ^2 /NDF:503253.2/34

All: 68.267 $\pm$ 0.008 χ^2 /NDF: 843276.2/67

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 458.216 $\pm$ 105.769 χ^2 /NDF:15.2/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -81.040 $\pm$ 106.670 χ^2 /NDF:25.4/15

Left: 190.876 $\pm$ 75.106 χ^2 /NDF: 53.5/32

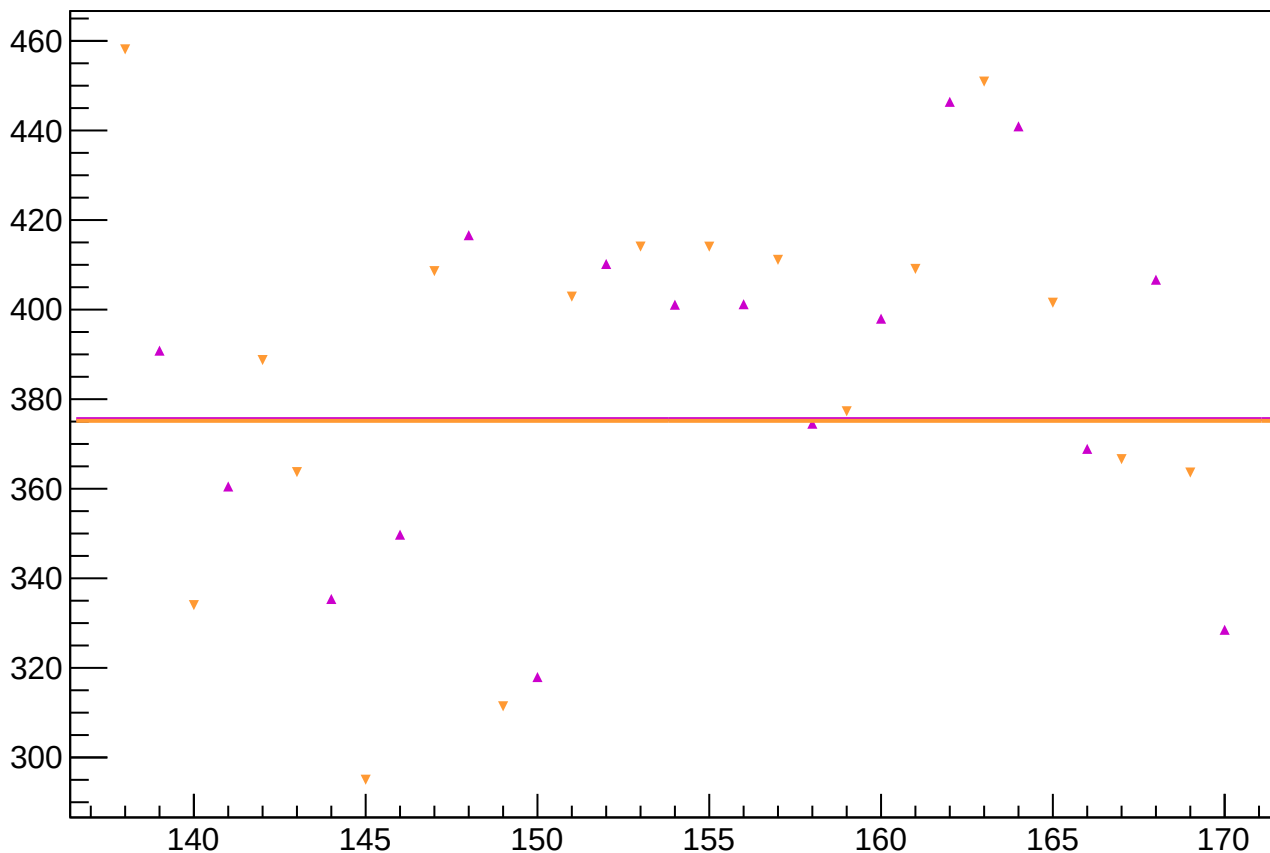
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -81.040 $\pm$ 106.670 χ^2 /NDF:25.4/15

Out: 458.216 $\pm$ 105.769 χ^2 /NDF:15.2/16

All: 190.876 $\pm$ 75.106 χ^2 /NDF: 53.5/32

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: 375.167+/-0.075 χ^2/NDF :376133.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 375.543+/-0.075 χ^2/NDF :246967.4/15

Left: 375.353+/-0.053 χ^2/NDF : 623113.8/32

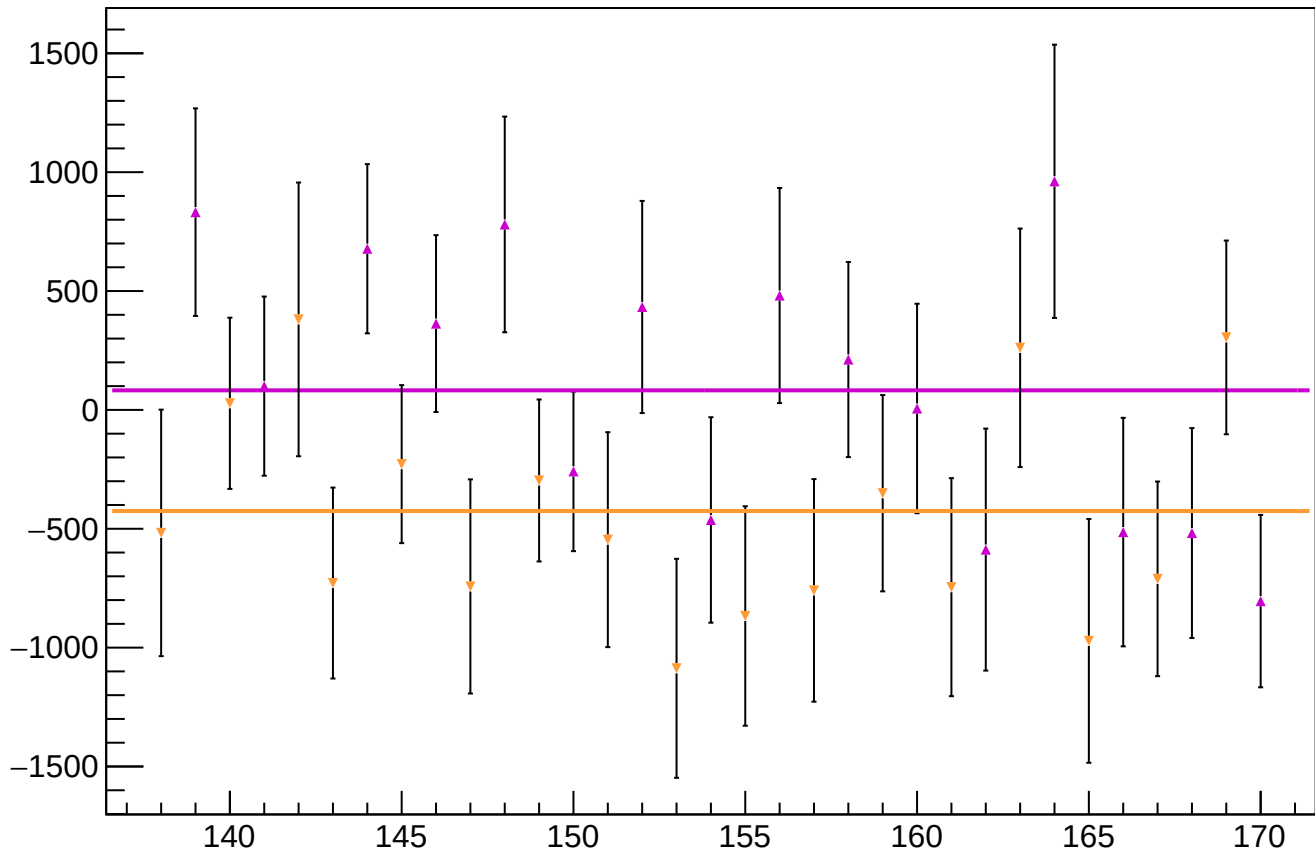
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.543+/-0.075 χ^2/NDF :246967.4/15

Out: 375.167+/-0.075 χ^2/NDF :376133.9/16

All: 375.353+/-0.053 χ^2/NDF : 623113.8/32

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -425.438+/-103.970 χ^2/NDF :15.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 82.249+/-104.569 χ^2/NDF :26.3/15

Left: -173.055+/-73.729 χ^2/NDF : 54.0/32

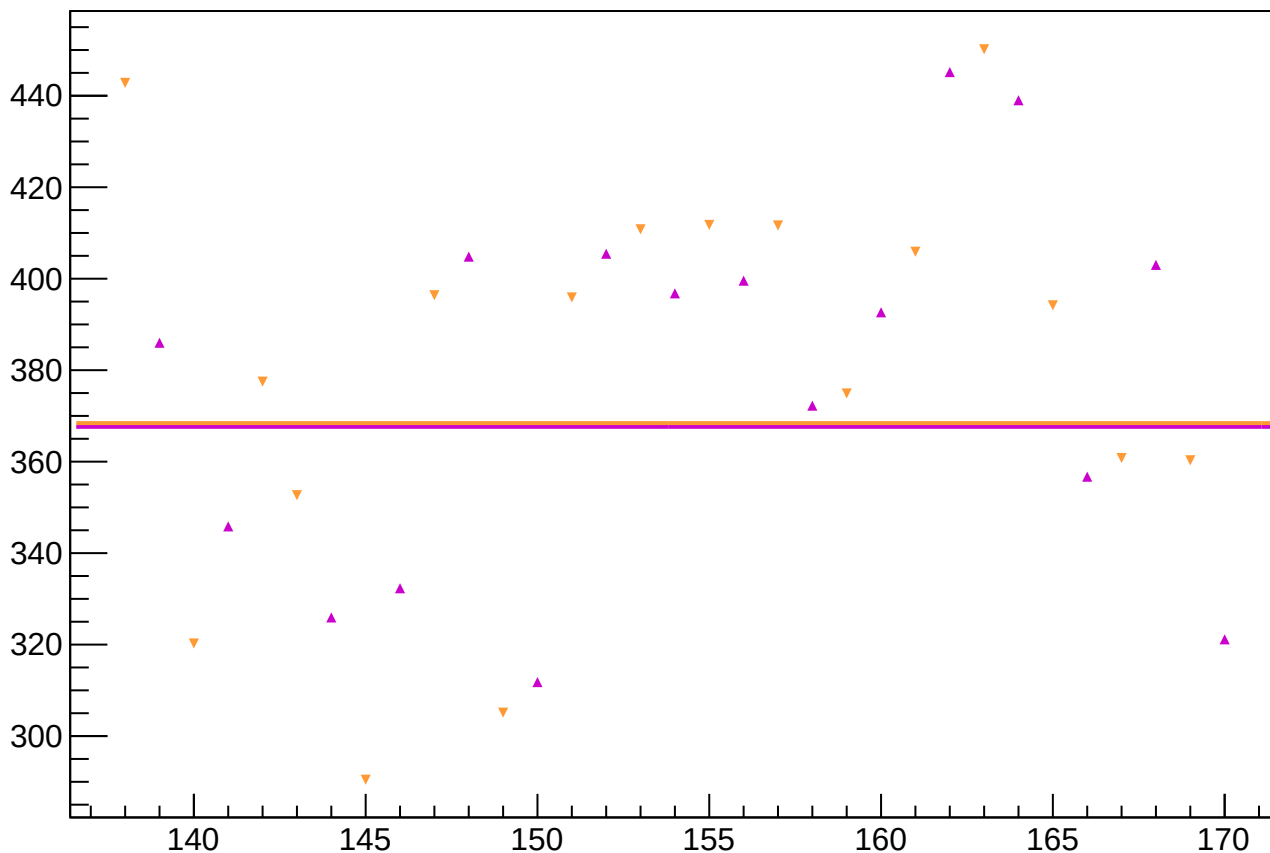
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.249+/-104.569 χ^2/NDF :26.3/15

Out: -425.438+/-103.970 χ^2/NDF :15.9/16

All: -173.055+/-73.729 χ^2/NDF : 54.0/32

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.431+/-0.074 χ^2/NDF : 399893.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

Left: 368.027+/-0.052 χ^2/NDF : 688576.0/32

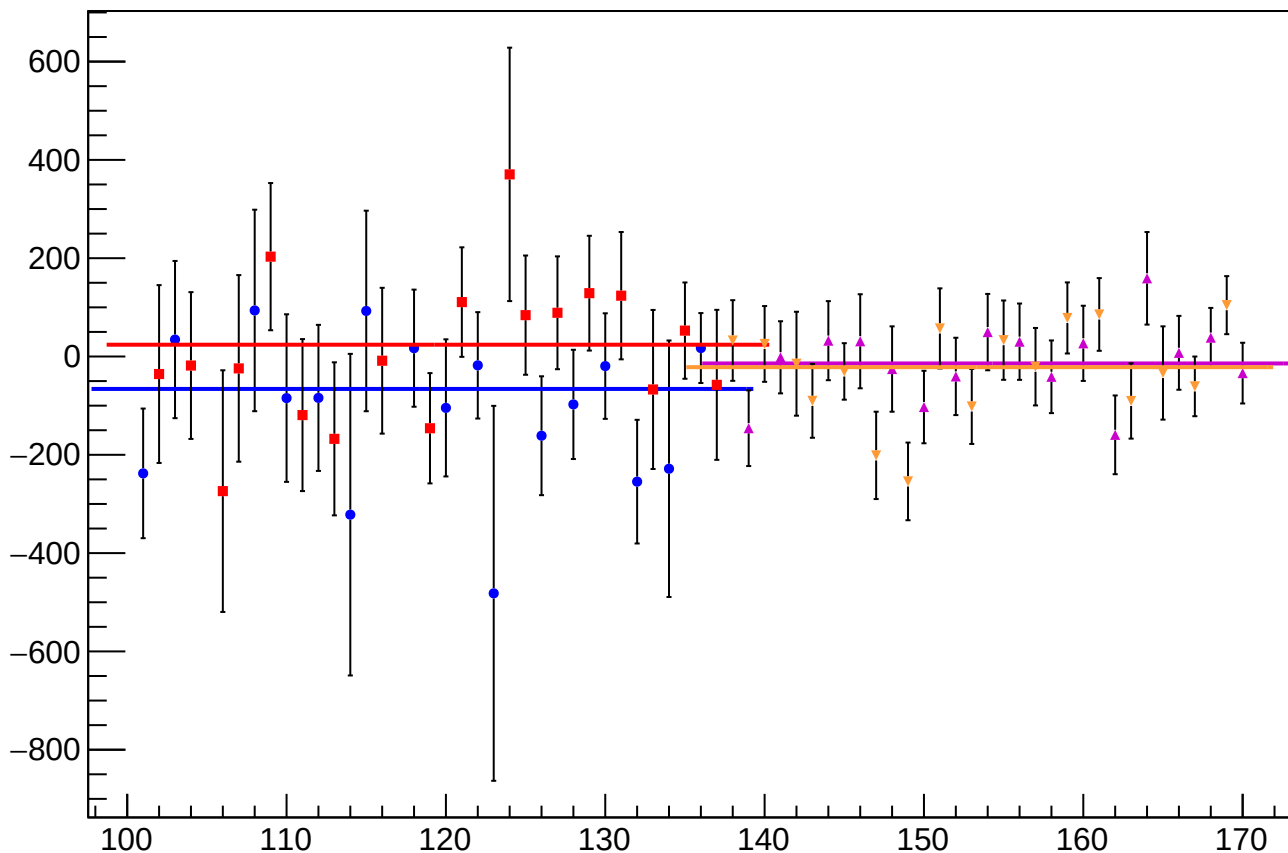
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

Out: 368.431+/-0.074 χ^2/NDF : 399893.0/16

All: 368.027+/-0.052 χ^2/NDF : 688576.0/32

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: -21.711 ± 18.185 $\chi^2/\text{NDF}: 26.7/16$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -14.140 ± 19.026 $\chi^2/\text{NDF}: 14.1/15$

Left: -18.096 ± 13.146 $\chi^2/\text{NDF}: 40.9/32$

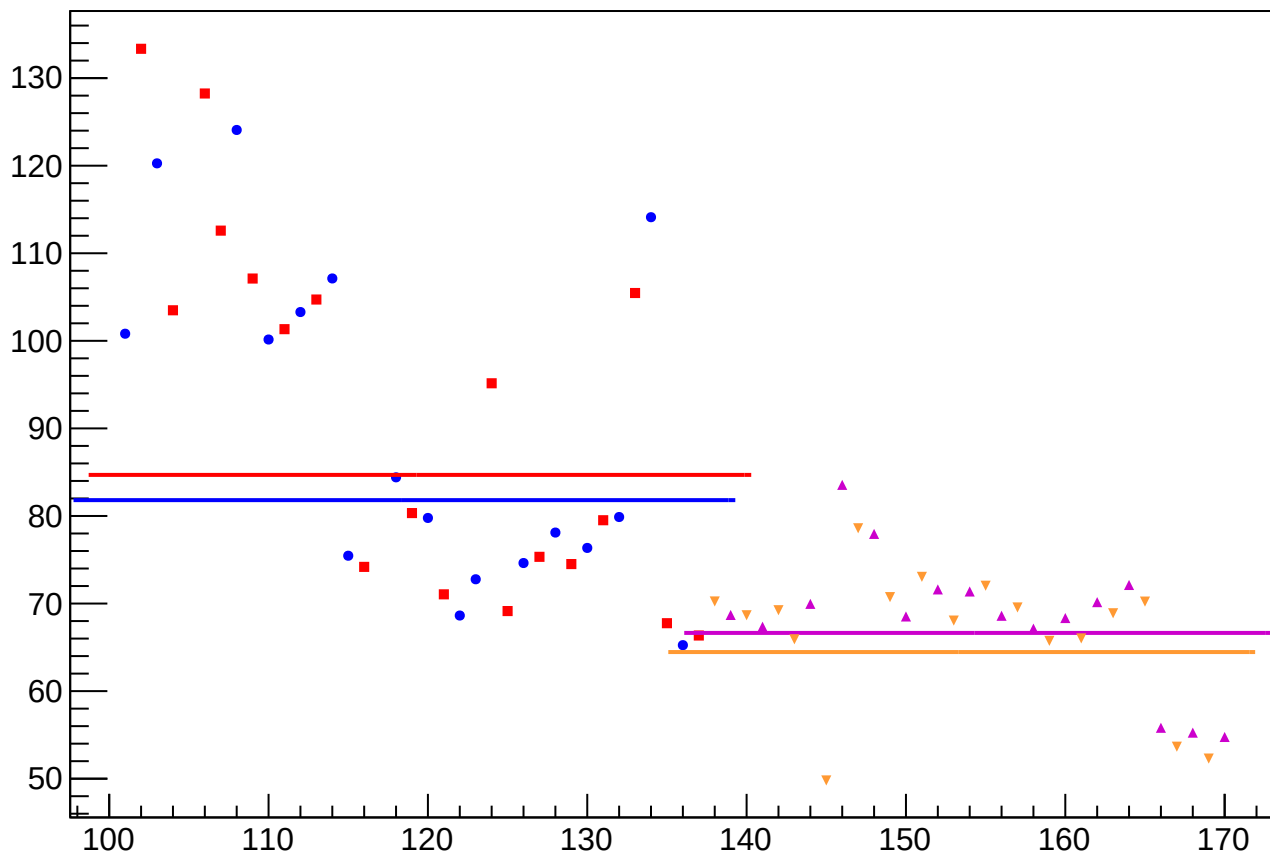
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -27.499 ± 16.392 $\chi^2/\text{NDF}: 26.8/32$

Out: -10.963 ± 15.903 $\chi^2/\text{NDF}: 41.1/34$

All: -18.981 ± 11.414 $\chi^2/\text{NDF}: 68.5/67$

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: 64.461 $\pm$ 0.013 χ^2/NDF : 430555.1/16

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 66.646 $\pm$ 0.013 χ^2/NDF : 317387.9/15

Left: 65.504 $\pm$ 0.009 χ^2/NDF : 761724.8/32

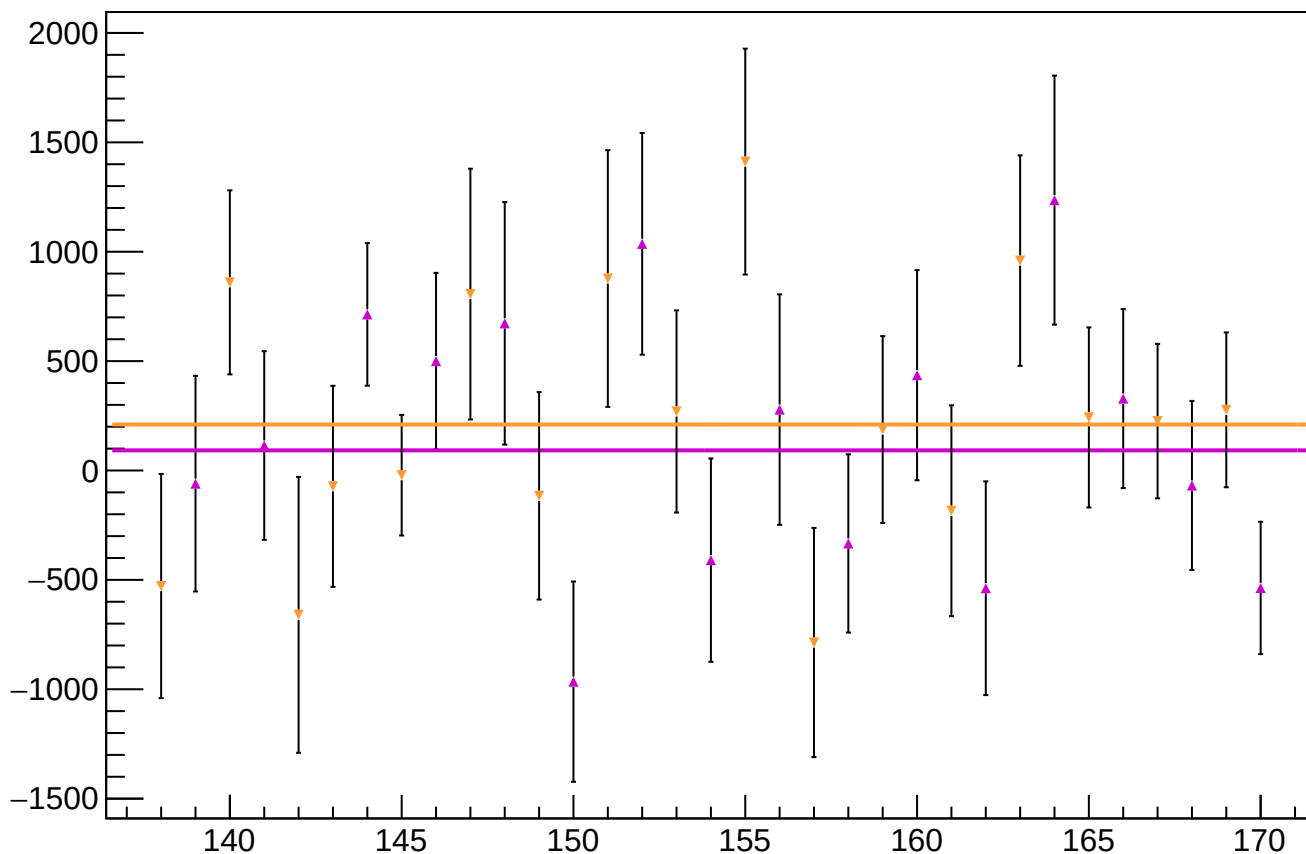
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 70.554 $\pm$ 0.012 χ^2/NDF : 1151941.3/32

Out: 69.220 $\pm$ 0.011 χ^2/NDF : 1628654.6/34

All: 69.867 $\pm$ 0.008 χ^2/NDF : 2787419.0/67

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: 210.271+/-106.373 χ^2/NDF :22.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 92.055+/-107.551 χ^2/NDF :28.1/15

Left: 151.815+/-75.630 χ^2/NDF : 51.2/32

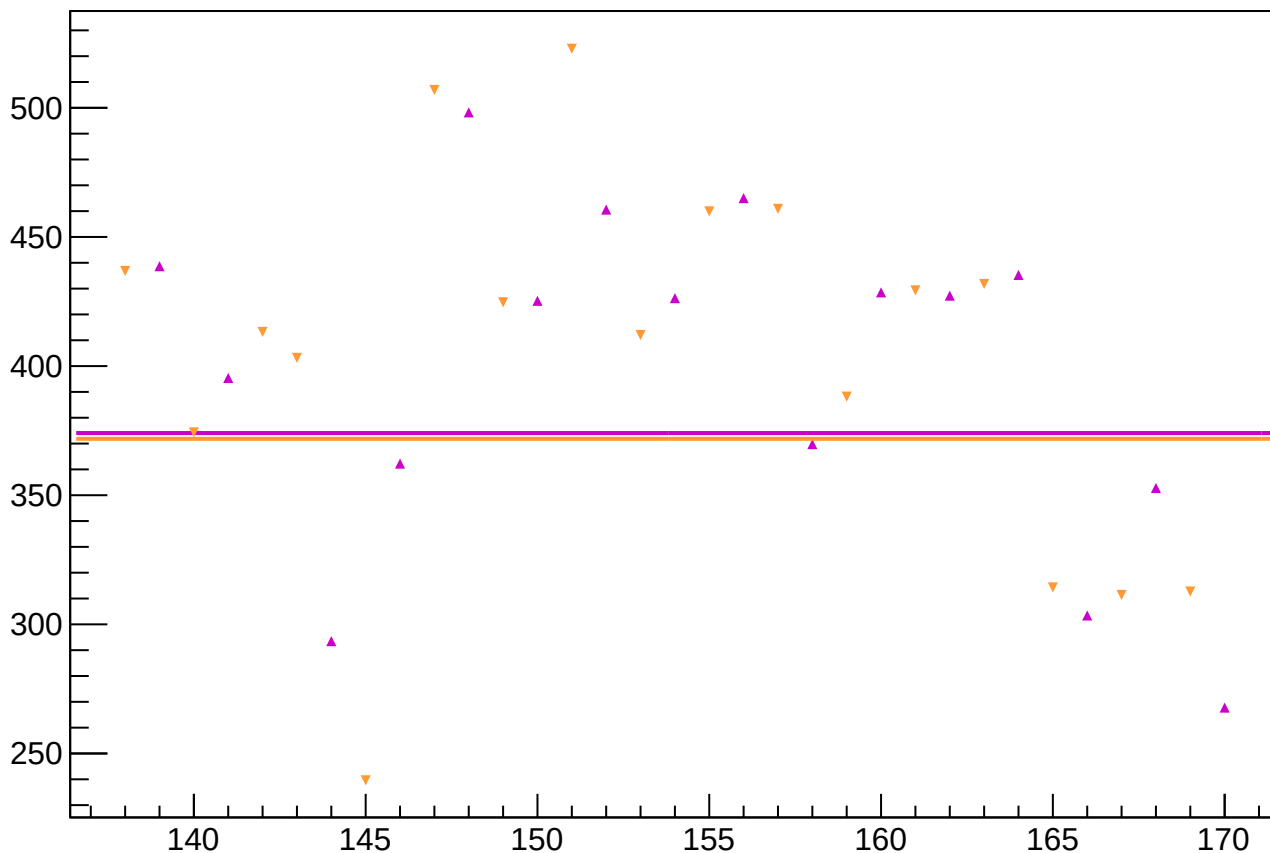
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.055+/-107.551 χ^2/NDF :28.1/15

Out: 210.271+/-106.373 χ^2/NDF :22.5/16

All: 151.815+/-75.630 χ^2/NDF : 51.2/32

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: 371.840+/-0.075 χ^2/NDF :1126224.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Left: 372.948+/-0.053 χ^2/NDF : 1943962.6/32

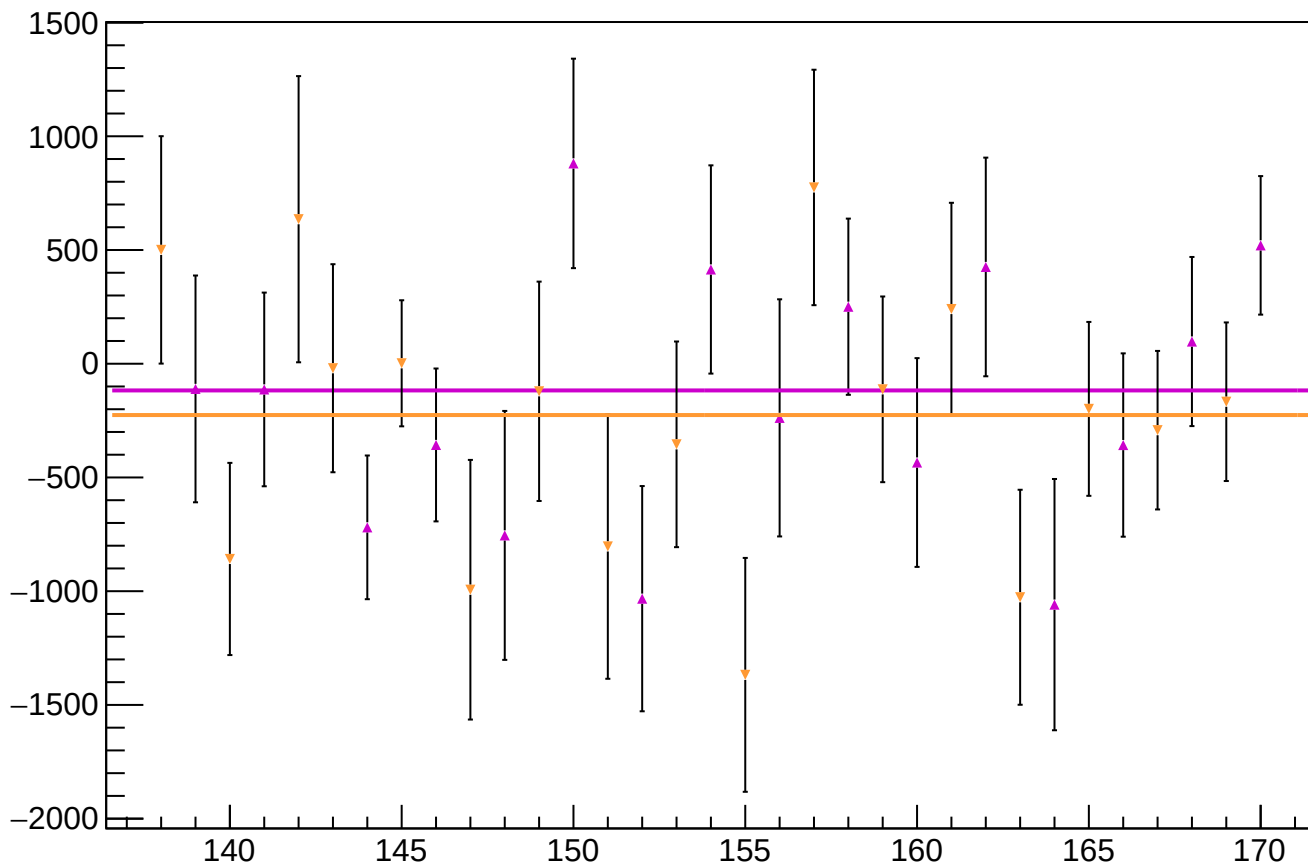
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Out: 371.840+/-0.075 χ^2/NDF :1126224.5/16

All: 372.948+/-0.053 χ^2/NDF : 1943962.6/32

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -225.615+/-104.804 χ^2/NDF :22.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -117.386+/-104.143 χ^2/NDF :25.7/15

Left: -171.158+/-73.873 χ^2/NDF : 48.9/32

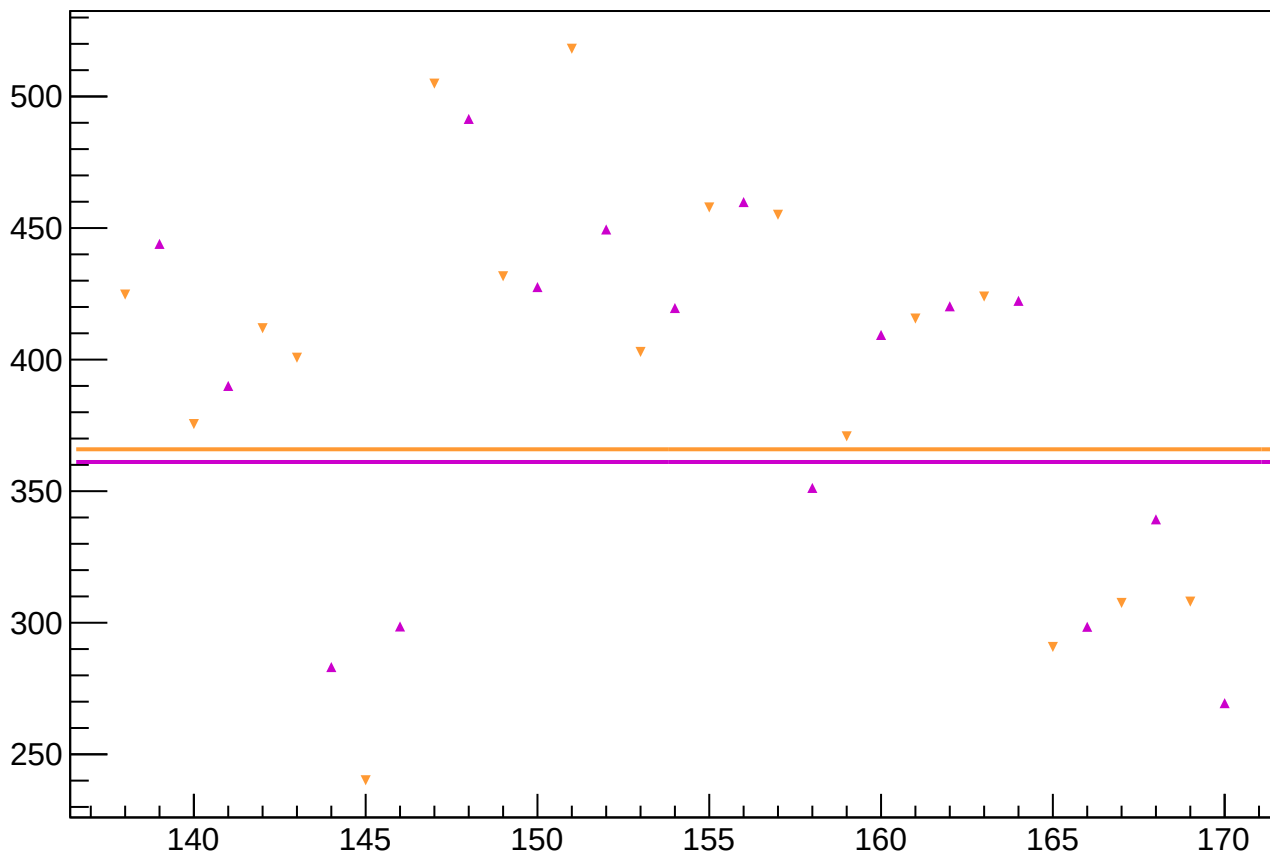
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -117.386+/-104.143 χ^2/NDF :25.7/15

Out: -225.615+/-104.804 χ^2/NDF :22.7/16

All: -171.158+/-73.873 χ^2/NDF : 48.9/32

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 365.920+/-0.074 χ^2/NDF :1133993.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Left: 363.490+/-0.052 χ^2/NDF : 2029669.4/32

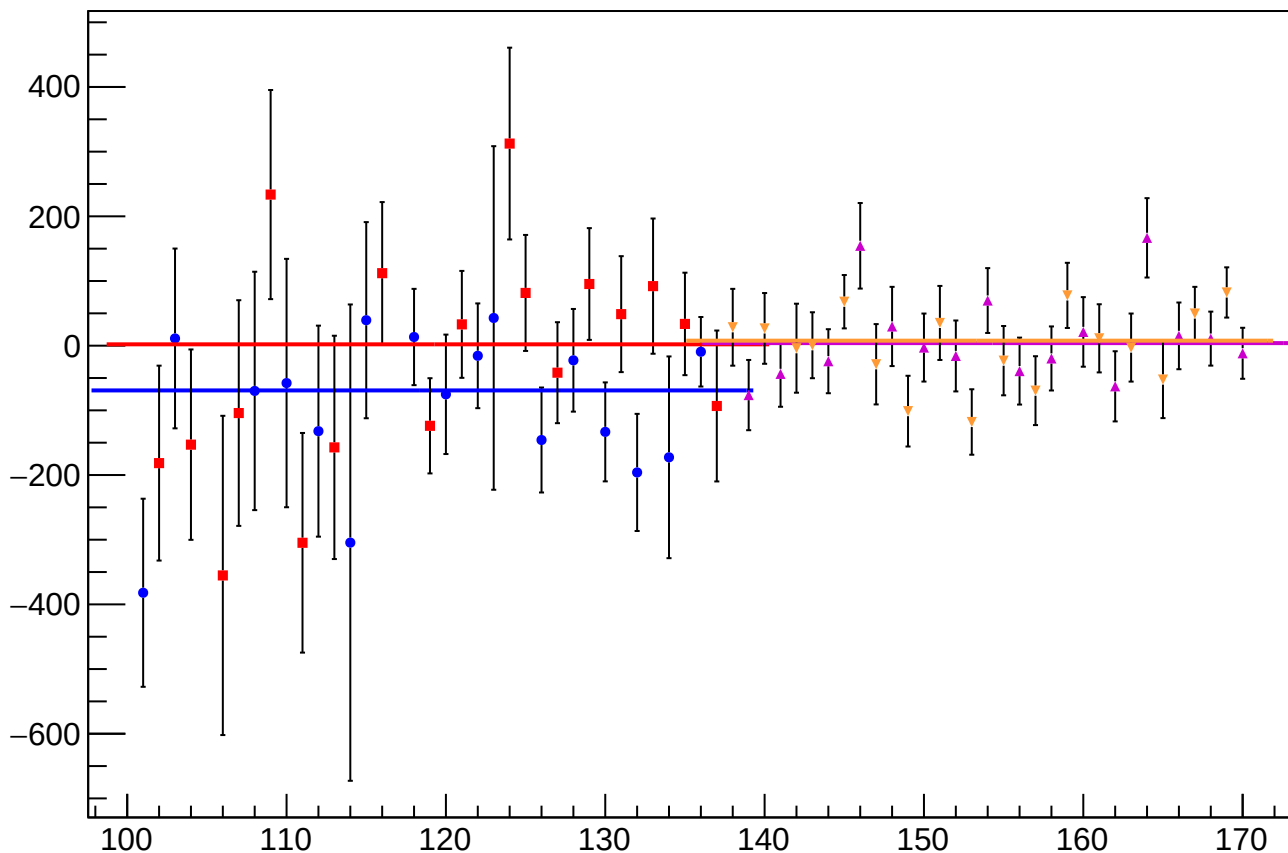
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Out: 365.920+/-0.074 χ^2/NDF :1133993.5/16

All: 363.490+/-0.052 χ^2/NDF : 2029669.4/32

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: 7.739 ± 12.462 χ^2/NDF : 23.3/16

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 3.967 ± 12.861 χ^2/NDF : 20.4/15

Left: 5.912 ± 8.949 χ^2/NDF : 43.8/32

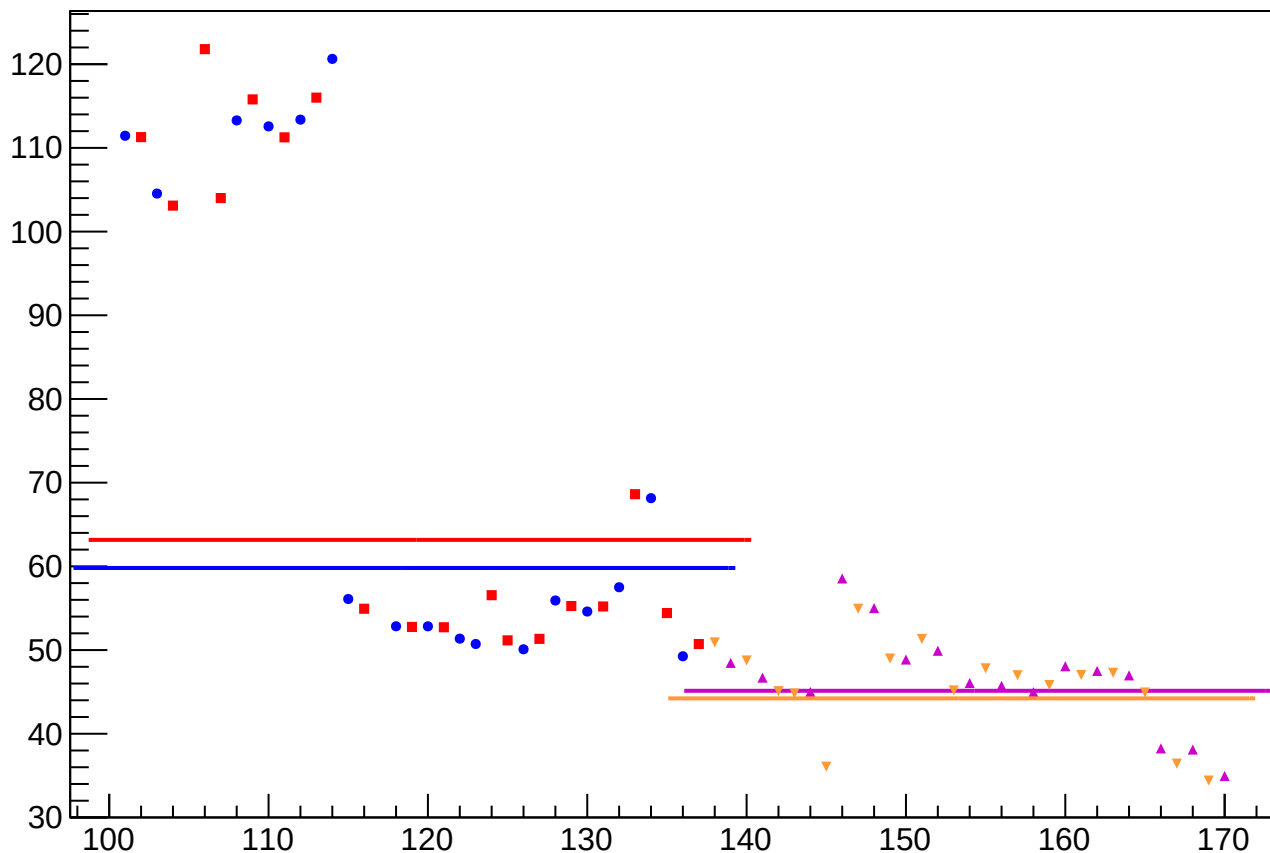
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -12.081 ± 11.363 χ^2/NDF : 41.0/32

Out: 6.627 ± 11.169 χ^2/NDF : 47.1/34

All: -2.567 ± 7.965 χ^2/NDF : 89.5/67

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: 44.226 $\pm$ 0.009 χ^2 /NDF: 452310.1/16

Right Out: 63.166 $\pm$ 0.018 χ^2 /NDF: 1387305.6/17

Left In: 45.134 $\pm$ 0.009 χ^2 /NDF: 407152.9/15

Left: 44.666 $\pm$ 0.006 χ^2 /NDF: 864597.2/32

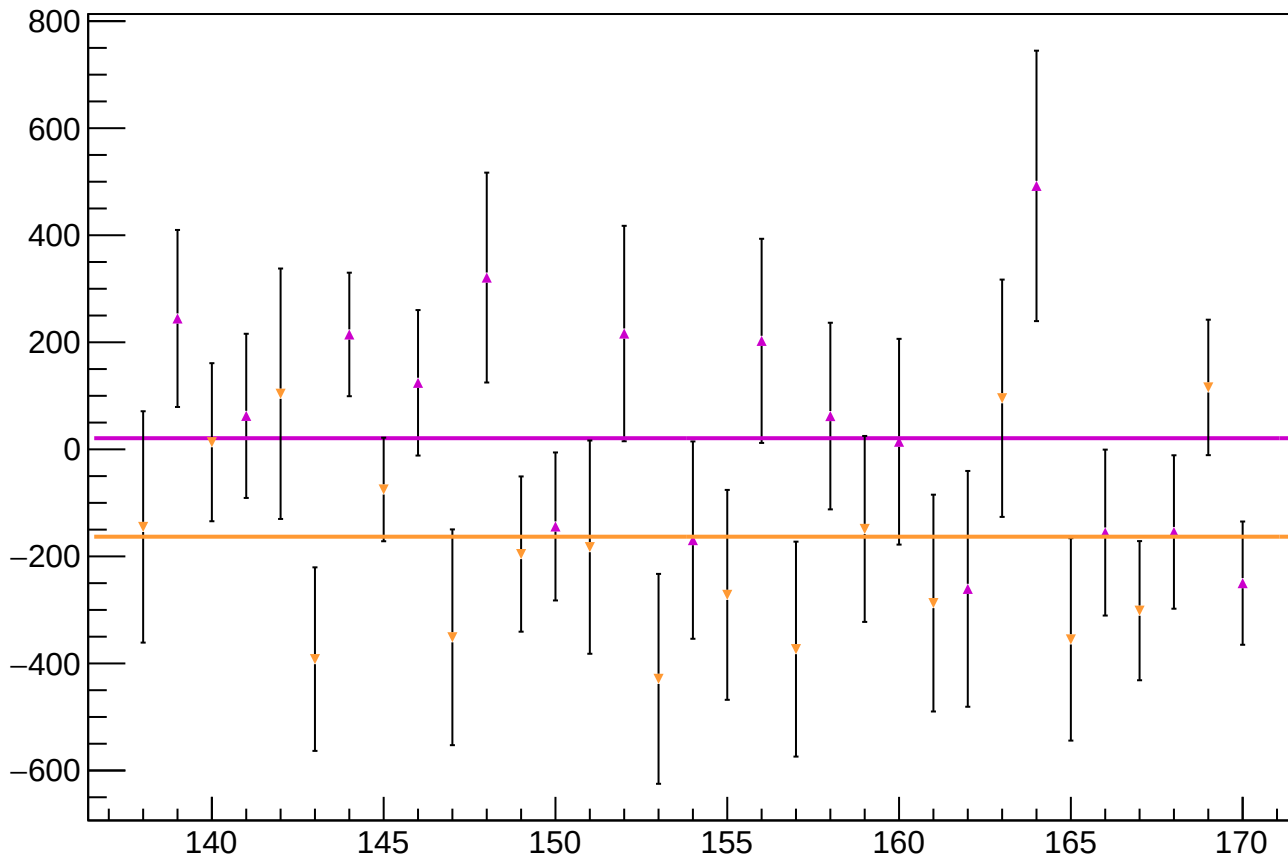
Right: 61.424 $\pm$ 0.012 χ^2 /NDF: 2635717.1/34

In: 48.353 $\pm$ 0.008 χ^2 /NDF: 2208407.2/32

Out: 47.951 $\pm$ 0.008 χ^2 /NDF: 2748067.9/34

All: 48.149 $\pm$ 0.006 χ^2 /NDF: 4957748.4/67

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: -163.202+/-39.901 χ^2/NDF : 18.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.811+/-39.833 χ^2/NDF : 25.5/15

Left: -71.039+/-28.190 χ^2/NDF : 54.4/32

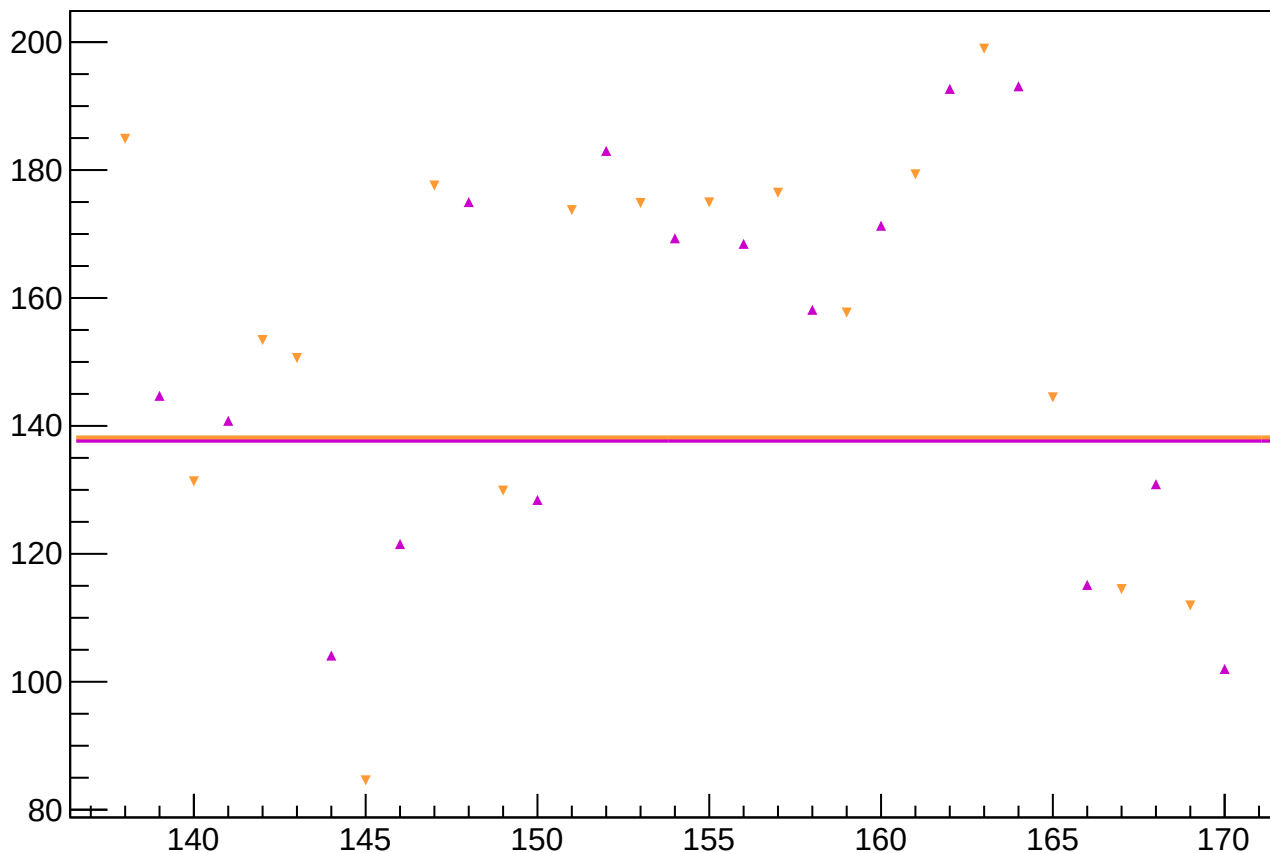
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.811+/-39.833 χ^2/NDF : 25.5/15

Out: -163.202+/-39.901 χ^2/NDF : 18.3/16

All: -71.039+/-28.190 χ^2/NDF : 54.4/32

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: 138.198+/-0.028 χ^2/NDF :1503176.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Left: 137.942+/-0.020 χ^2/NDF : 2547803.2/32

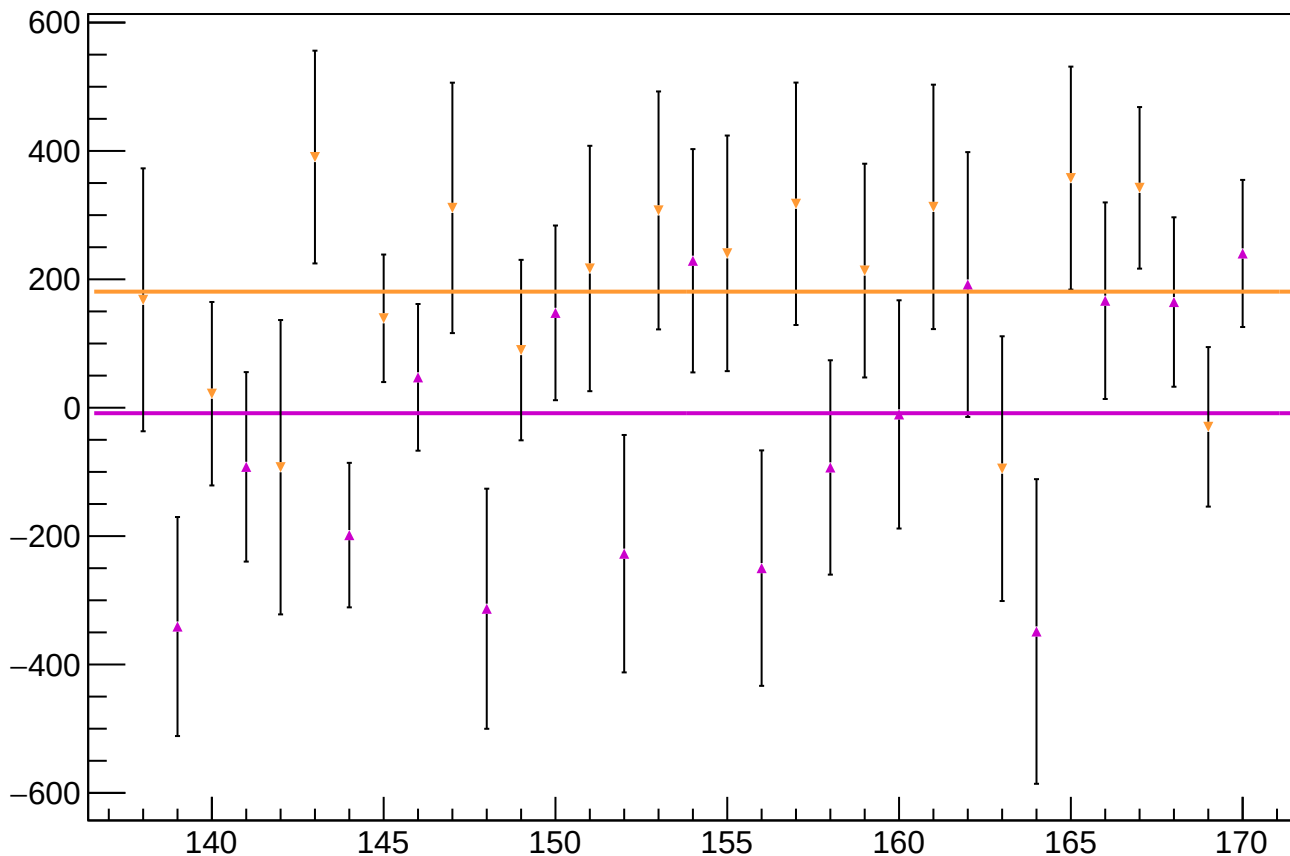
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Out: 138.198+/-0.028 χ^2/NDF :1503176.0/16

All: 137.942+/-0.020 χ^2/NDF : 2547803.2/32

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: 180.826 $\pm$ 38.662 χ^2 /NDF:14.3/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -8.550 $\pm$ 37.919 χ^2 /NDF:27.2/15

Left: 84.300 $\pm$ 27.072 χ^2 /NDF: 53.7/32

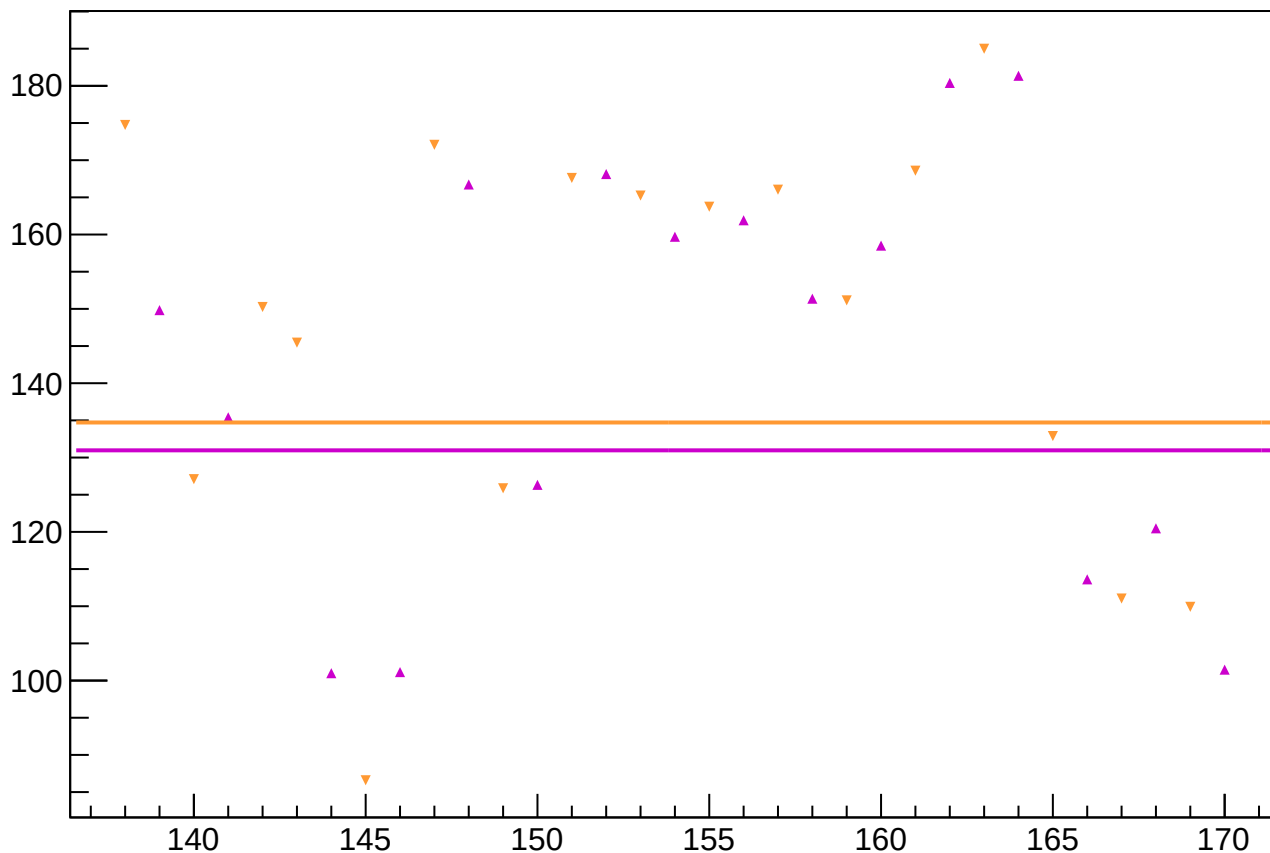
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.550 $\pm$ 37.919 χ^2 /NDF:27.2/15

Out: 180.826 $\pm$ 38.662 χ^2 /NDF:14.3/16

All: 84.300 $\pm$ 27.072 χ^2 /NDF: 53.7/32

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 134.717+/-0.027 χ^2/NDF :1221419.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Left: 132.807+/-0.019 χ^2/NDF : 2257008.4/32

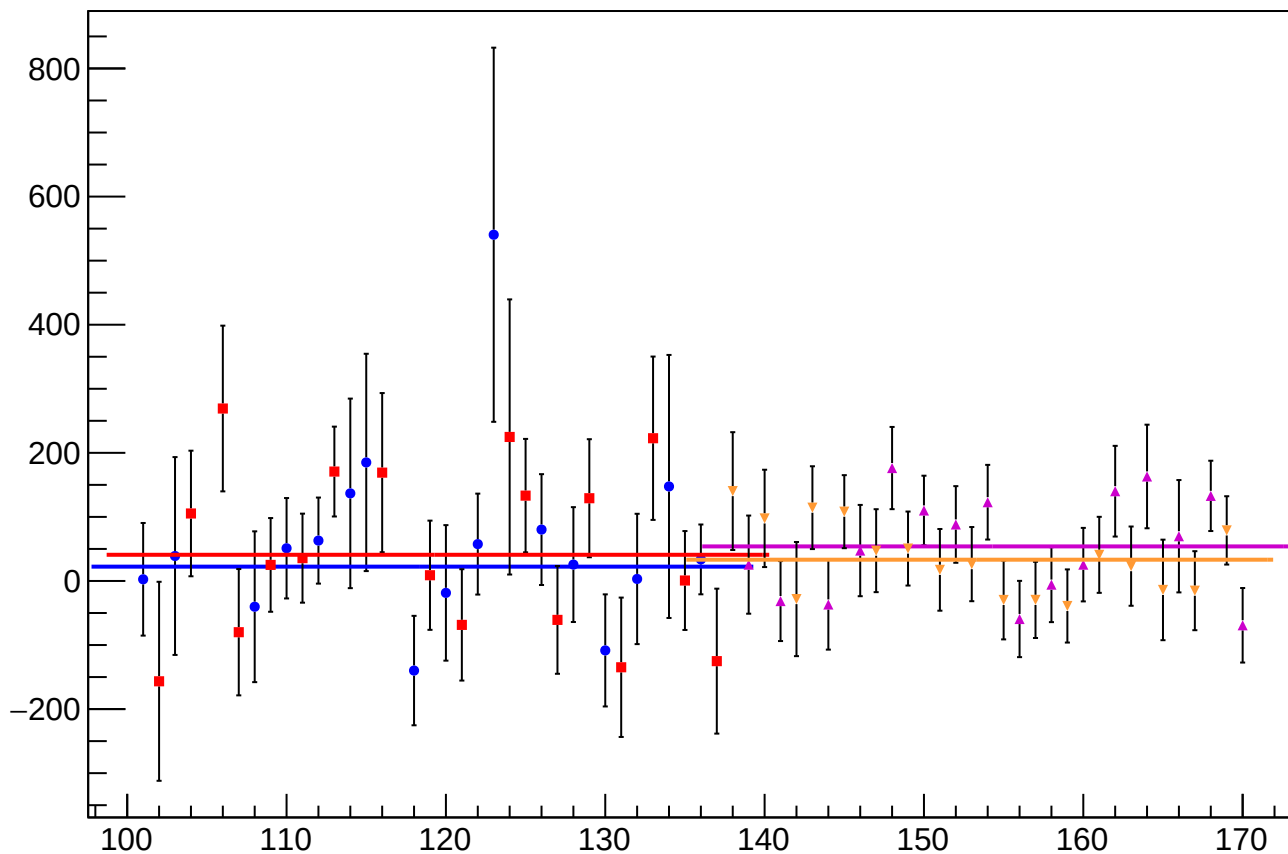
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Out: 134.717+/-0.027 χ^2/NDF :1221419.4/16

All: 132.807+/-0.019 χ^2/NDF : 2257008.4/32

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: 33.189 $\pm$ 15.389 χ^2 /NDF:11.6/16

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 53.946 $\pm$ 15.872 χ^2 /NDF:24.9/15

Left: 43.247 $\pm$ 11.048 χ^2 /NDF: 37.4/32

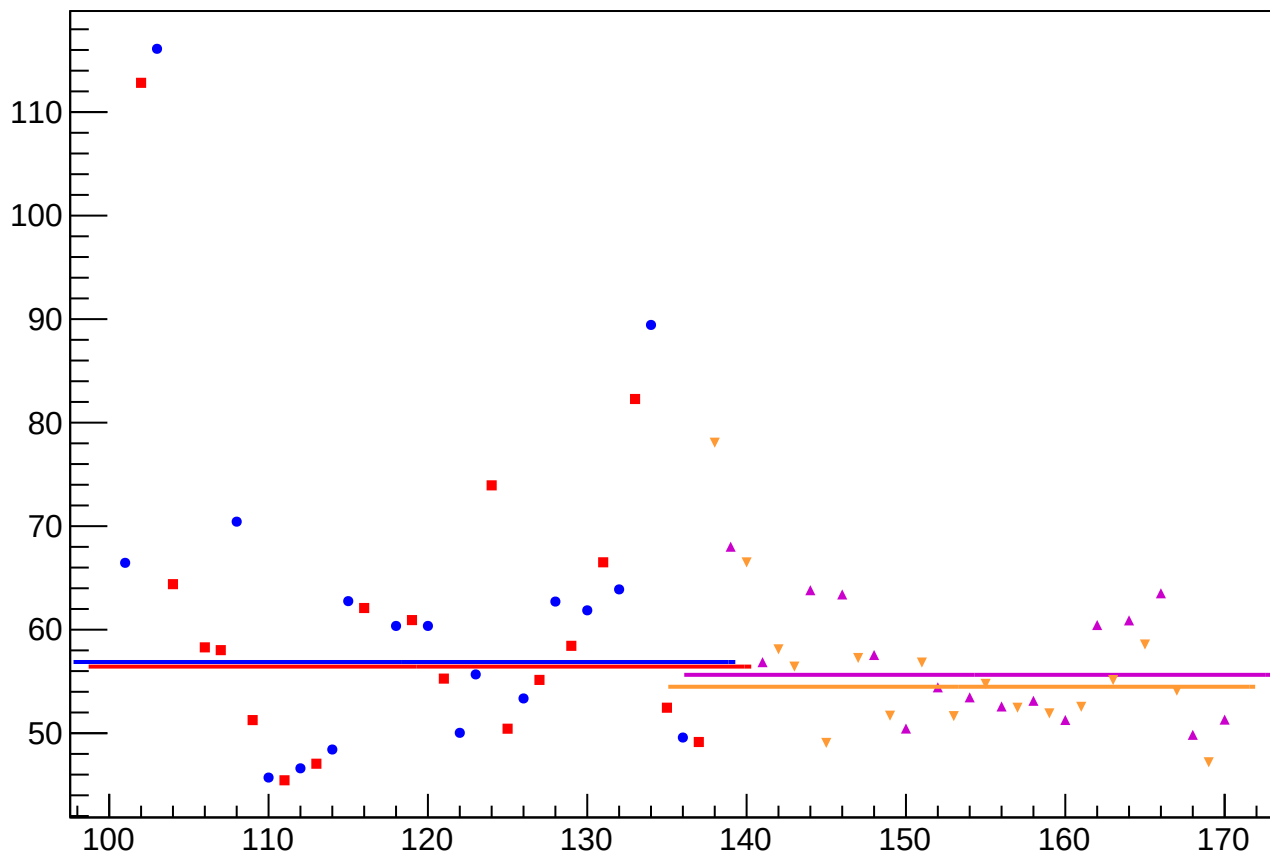
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 43.528 $\pm$ 12.994 χ^2 /NDF:38.8/32

Out: 35.691 $\pm$ 12.635 χ^2 /NDF:35.9/34

All: 39.500 $\pm$ 9.059 χ^2 /NDF: 74.9/67

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: 54.488 $\pm$ 0.011 χ^2 /NDF: 272197.3/16

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 55.639 $\pm$ 0.011 χ^2 /NDF: 215002.2/15

Left: 55.045 $\pm$ 0.008 χ^2 /NDF: 492620.6/32

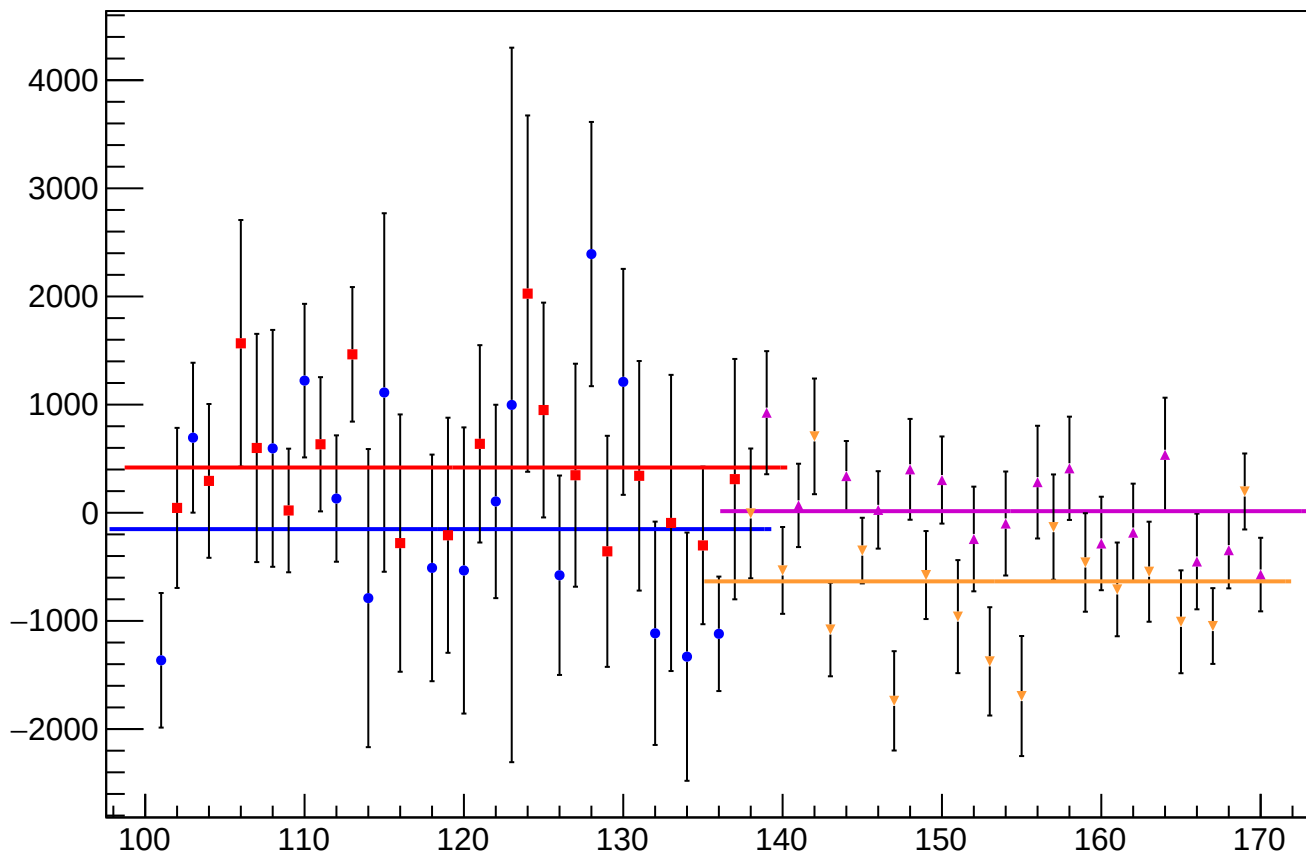
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.048 $\pm$ 0.009 χ^2 /NDF: 794515.9/32

Out: 55.122 $\pm$ 0.009 χ^2 /NDF: 803078.1/34

All: 55.572 $\pm$ 0.006 χ^2 /NDF: 1602813.2/67

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: -634.298 $\pm$ 105.370 χ^2 /NDF:30.3/16

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 14.826 $\pm$ 105.317 χ^2 /NDF:12.8/15

Left: -309.571 $\pm$ 74.489 χ^2 /NDF: 62.1/32

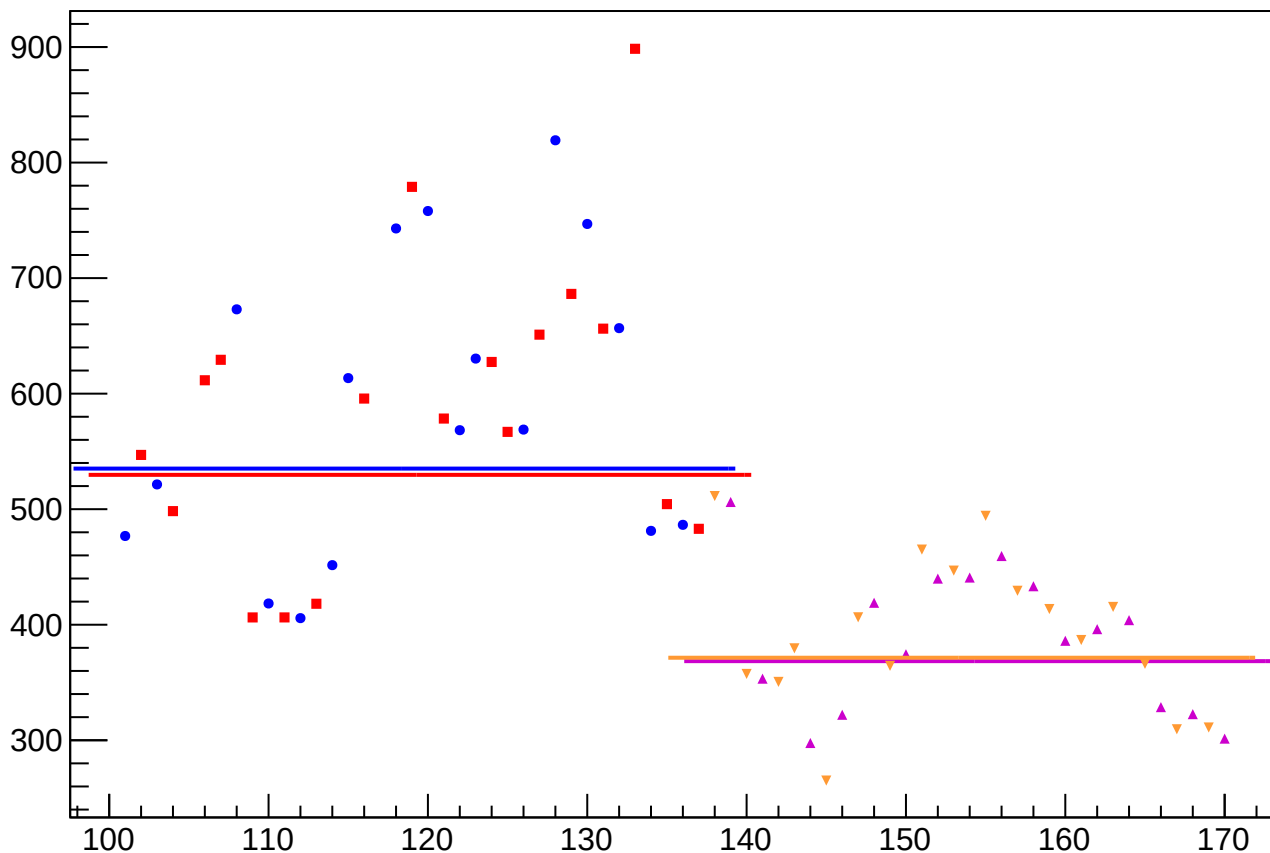
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: -17.925 $\pm$ 94.359 χ^2 /NDF:35.8/32

Out: -414.372 $\pm$ 93.721 χ^2 /NDF:59.5/34

All: -217.492 $\pm$ 66.495 χ^2 /NDF: 104.2/67

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 371.434+/-0.075 χ^2/NDF : 767983.8/16

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 368.475+/-0.074 χ^2/NDF : 607571.2/15

Left: 369.954+/-0.053 χ^2/NDF : 1376343.7/32

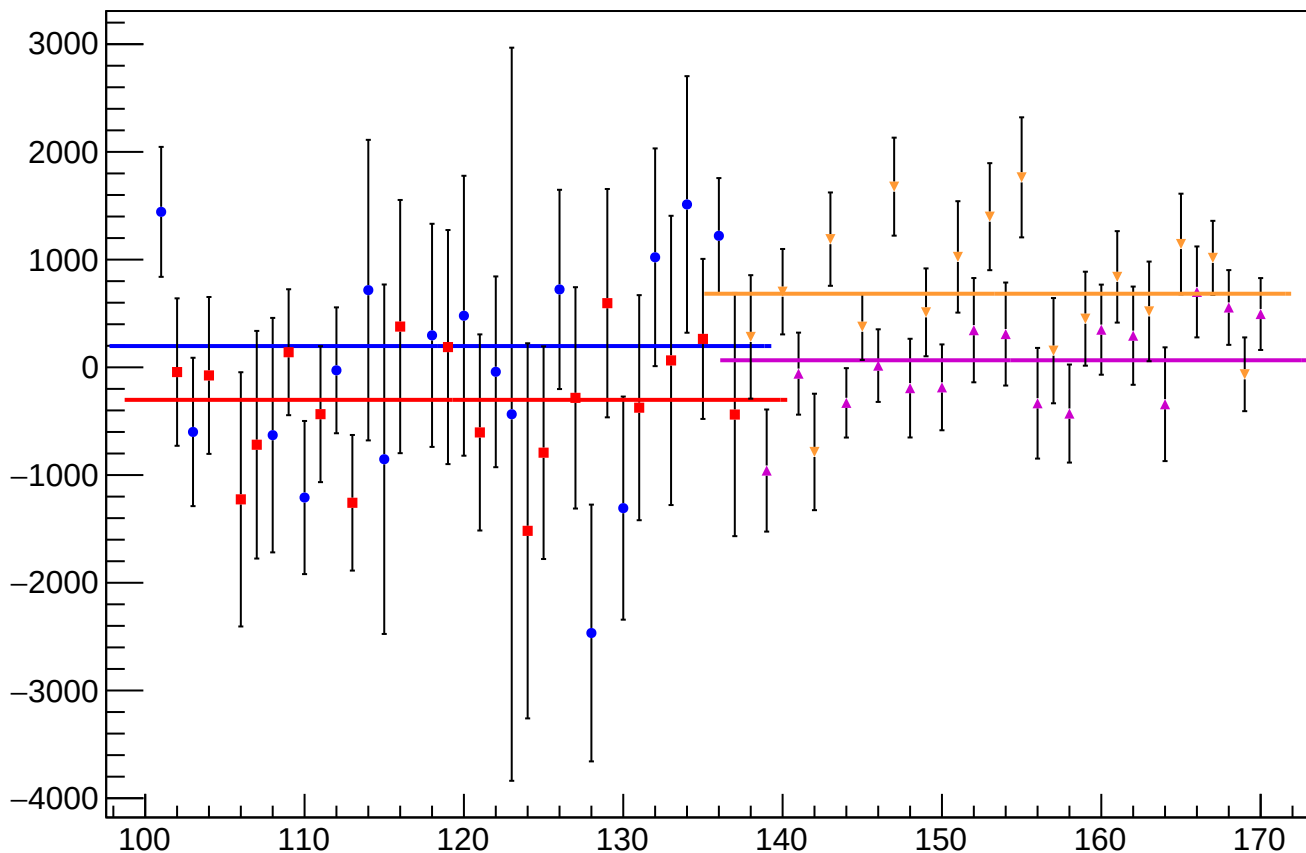
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 401.353+/-0.067 χ^2/NDF : 2191683.8/32

Out: 404.498+/-0.066 χ^2/NDF : 2357435.9/34

All: 402.936+/-0.047 χ^2/NDF : 4550238.0/67

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 683.330+/-104.392 χ^2/NDF : 29.9/16

Right Out: -301.856+/-205.700 χ^2/NDF : 6.7/17

Left In: 65.594+/-103.260 χ^2/NDF : 15.2/15

Left: 371.094+/-73.413 χ^2/NDF : 62.8/32

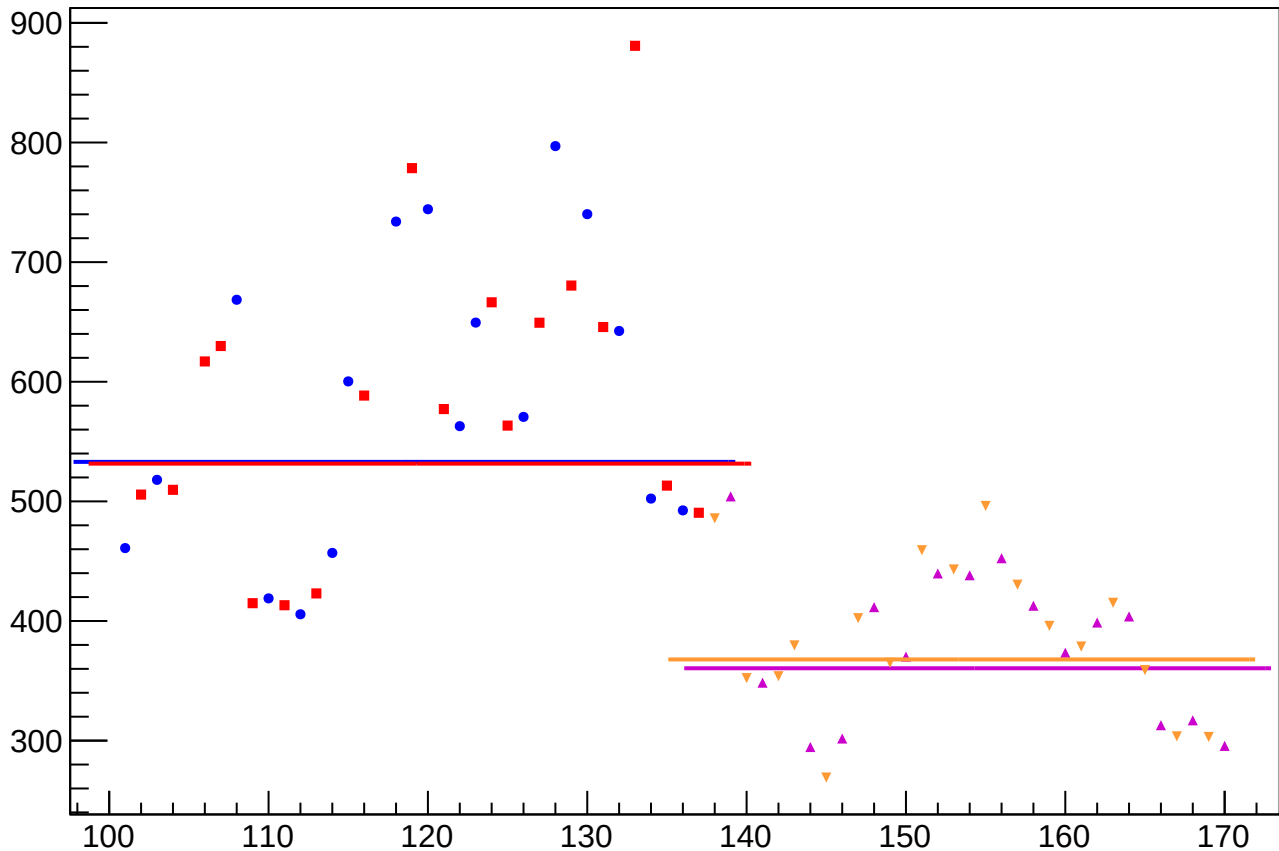
Right: -59.066+/-147.453 χ^2/NDF : 33.5/34

In: 91.000+/-92.790 χ^2/NDF : 39.4/32

Out: 481.558+/-93.090 χ^2/NDF : 54.8/34

All: 285.647+/-65.718 χ^2/NDF : 103.1/67

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 367.877 $\pm$ 0.074 χ^2/NDF : 726807.4/16

Right Out: 531.559 $\pm$ 0.145 χ^2/NDF : 597920.9/17

Left In: 360.494 $\pm$ 0.073 χ^2/NDF : 659919.1/15

Left: 364.146 $\pm$ 0.052 χ^2/NDF : 1391782.6/32

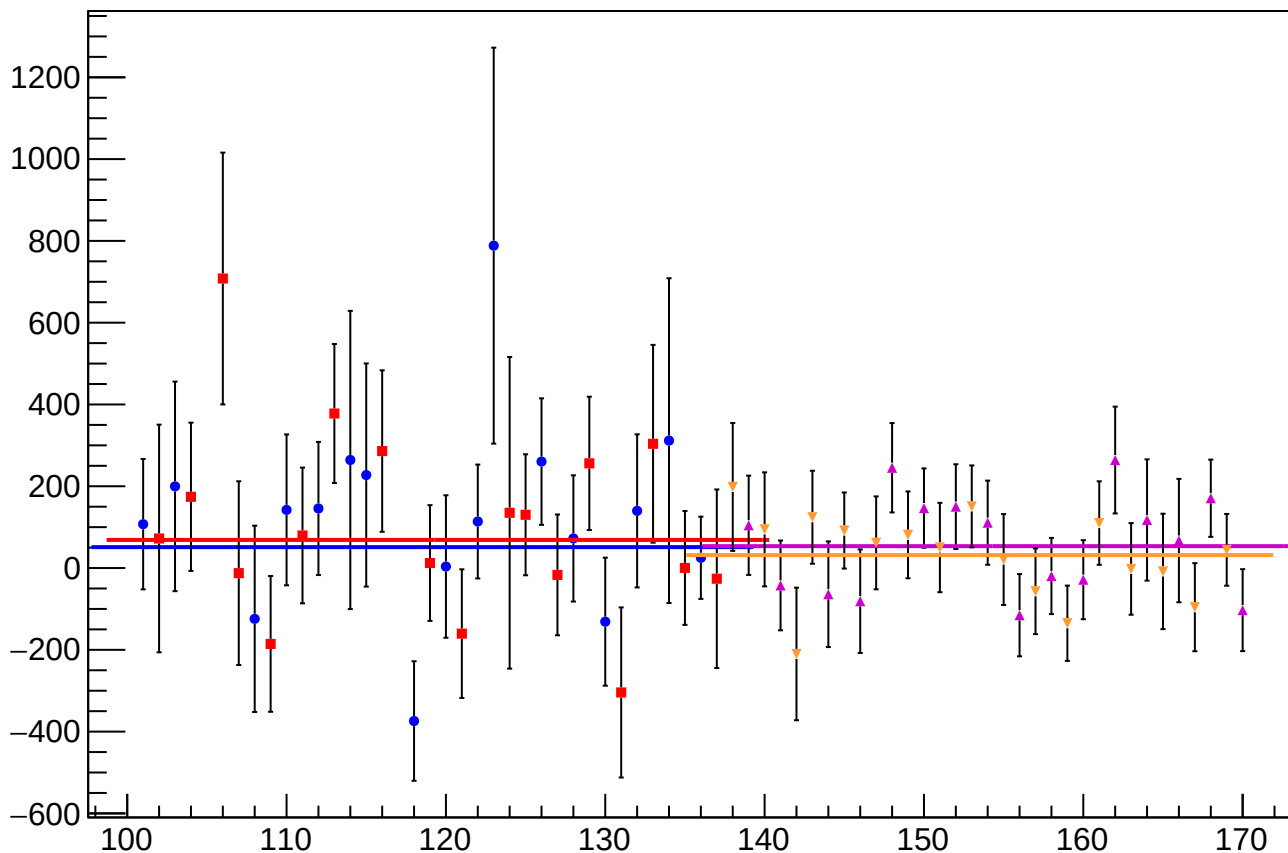
Right: 532.275 $\pm$ 0.104 χ^2/NDF : 1164821.8/34

In: 393.710 $\pm$ 0.066 χ^2/NDF : 2301728.5/32

Out: 401.400 $\pm$ 0.066 χ^2/NDF : 2331746.1/34

All: 397.543 $\pm$ 0.046 χ^2/NDF : 4640320.8/67

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: 31.667 $\pm$ 26.680 χ^2/NDF :12.6/16

Right Out: 68.779 $\pm$ 42.803 χ^2/NDF : 20.4/17

Left In: 53.502 $\pm$ 27.404 χ^2/NDF :19.0/15

Left: 42.293 $\pm$ 19.116 χ^2/NDF : 31.9/32

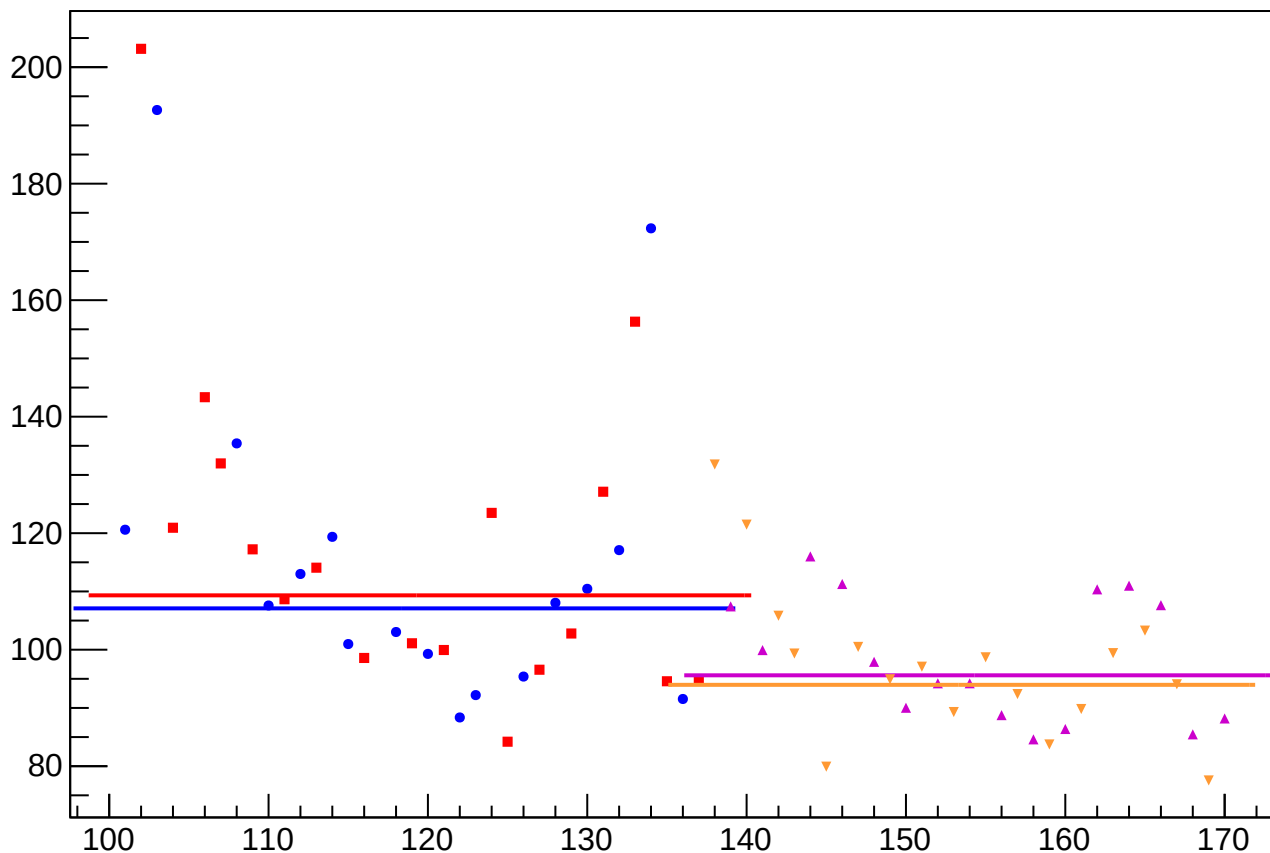
Right: 59.892 $\pm$ 30.129 χ^2/NDF : 37.8/34

In: 52.814 $\pm$ 23.018 χ^2/NDF :36.4/32

Out: 42.052 $\pm$ 22.642 χ^2/NDF :33.5/34

All: 47.344 $\pm$ 16.141 χ^2/NDF : 70.0/67

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 ± 0.030 χ^2/NDF : 437755.4/16

Left Out: 93.968 ± 0.019 χ^2/NDF : 383767.1/16

Right Out: 109.329 ± 0.030 χ^2/NDF : 506023.6/17

Left In: 95.603 ± 0.019 χ^2/NDF : 259907.8/15

Left: 94.764 ± 0.014 χ^2/NDF : 647331.7/32

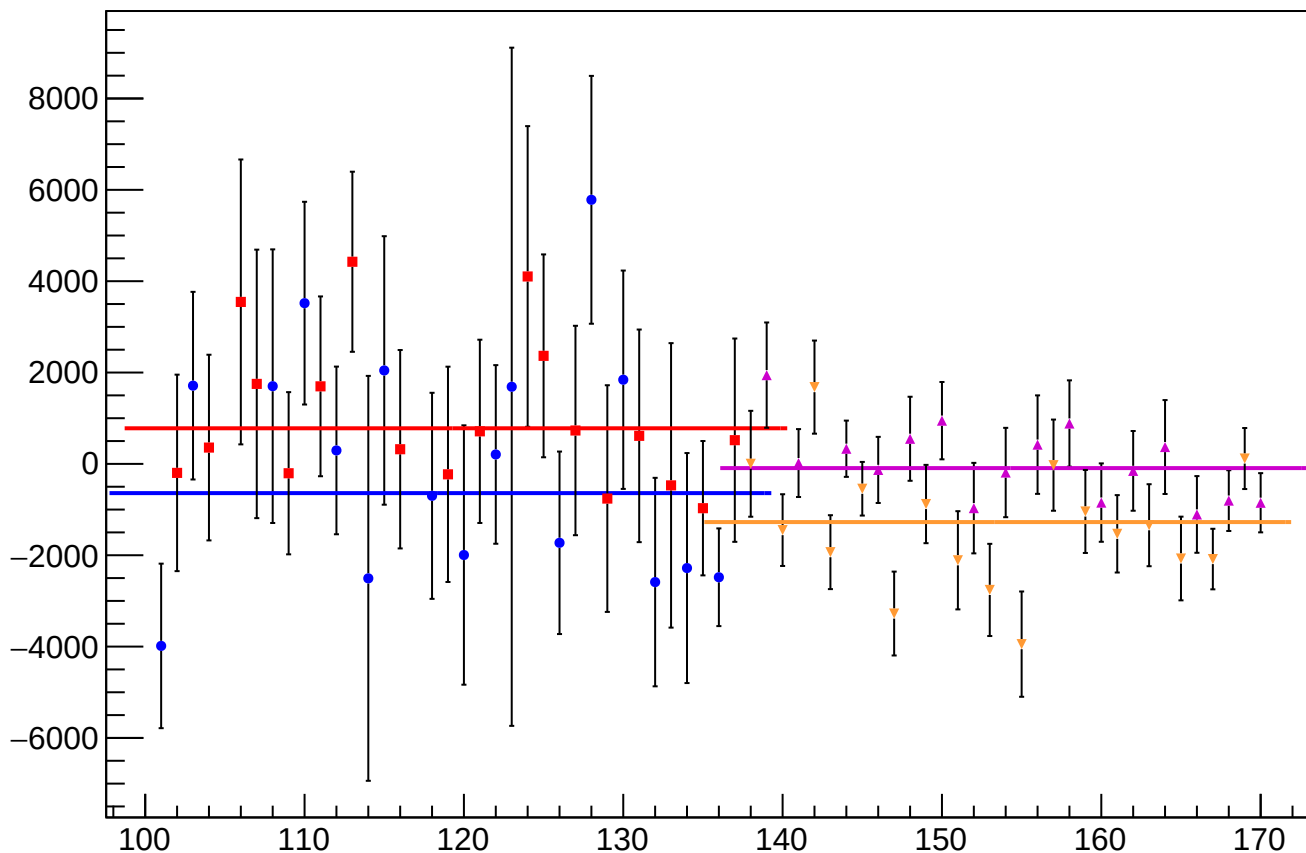
Right: 108.201 ± 0.021 χ^2/NDF : 946531.4/34

In: 98.987 ± 0.016 χ^2/NDF : 801215.0/32

Out: 98.266 ± 0.016 χ^2/NDF : 1075308.5/34

All: 98.621 ± 0.011 χ^2/NDF : 1877520.8/67

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1273.781 $\pm$ 206.456 χ^2 /NDF:33.3/16

Right Out: 779.450 $\pm$ 516.450 χ^2 /NDF: 8.8/17

Left In: -92.159 $\pm$ 206.711 χ^2 /NDF:12.6/15

Left: -683.698 $\pm$ 146.077 χ^2 /NDF: 62.3/32

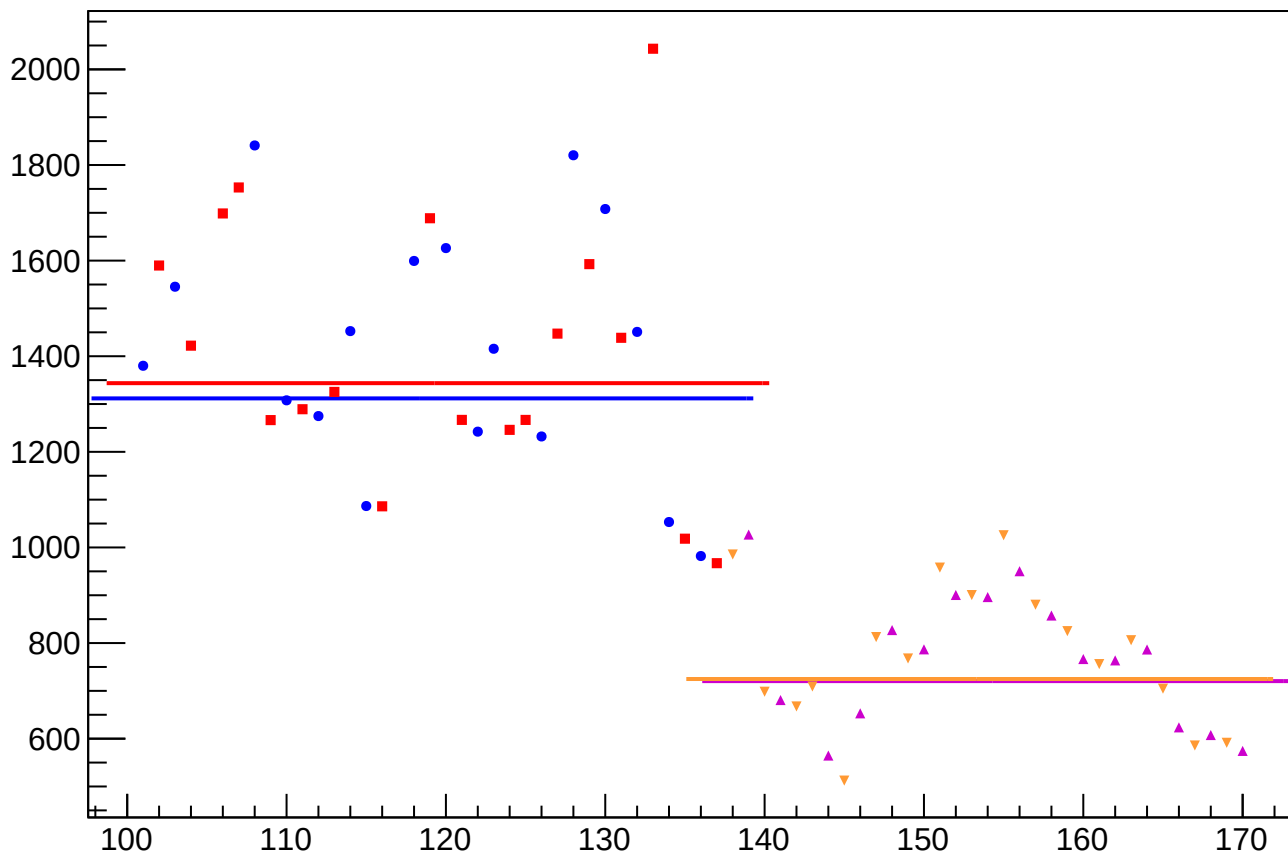
Right: 73.635 $\pm$ 366.171 χ^2 /NDF: 34.4/34

In: -167.083 $\pm$ 192.052 χ^2 /NDF:35.4/32

Out: -990.868 $\pm$ 191.706 χ^2 /NDF:55.8/34

All: -579.720 $\pm$ 135.679 χ^2 /NDF: 100.3/67

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 ± 0.367 χ^2/NDF : 512676.0/16

Left Out: 724.800 ± 0.146 χ^2/NDF : 946901.3/16

Right Out: 1343.659 ± 0.365 χ^2/NDF : 461009.9/17

Left In: 720.406 ± 0.146 χ^2/NDF : 799840.0/15

Left: 722.606 ± 0.103 χ^2/NDF : 1747193.6/32

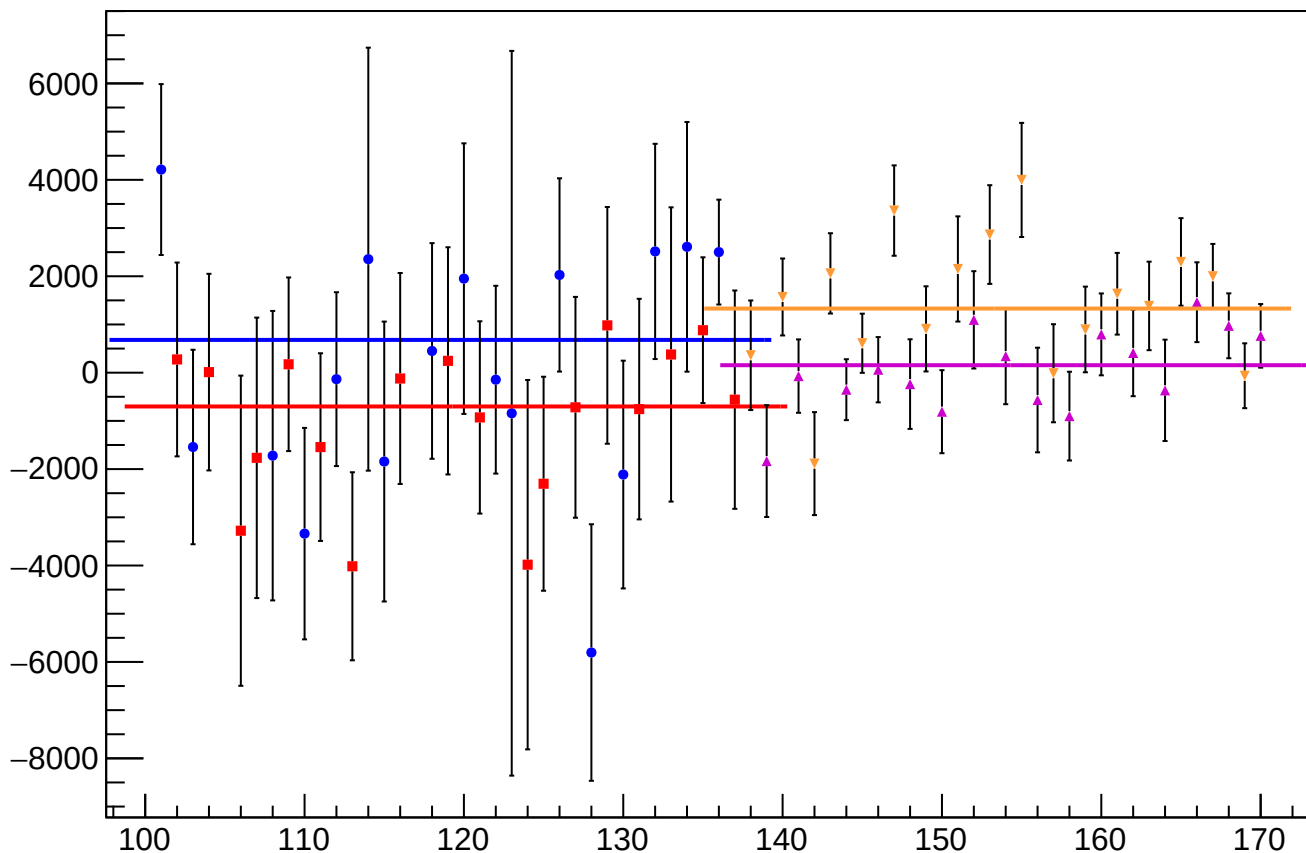
Right: 1327.813 ± 0.259 χ^2/NDF : 977472.0/34

In: 801.309 ± 0.136 χ^2/NDF : 3551944.1/32

Out: 810.072 ± 0.136 χ^2/NDF : 3884021.3/34

All: 805.698 ± 0.096 χ^2/NDF : 7438051.1/67

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1330.279+/-209.879 χ^2/NDF :33.4/16

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: 154.887+/-207.707 χ^2/NDF :13.5/15

Left: 736.470+/-147.633 χ^2/NDF : 62.7/32

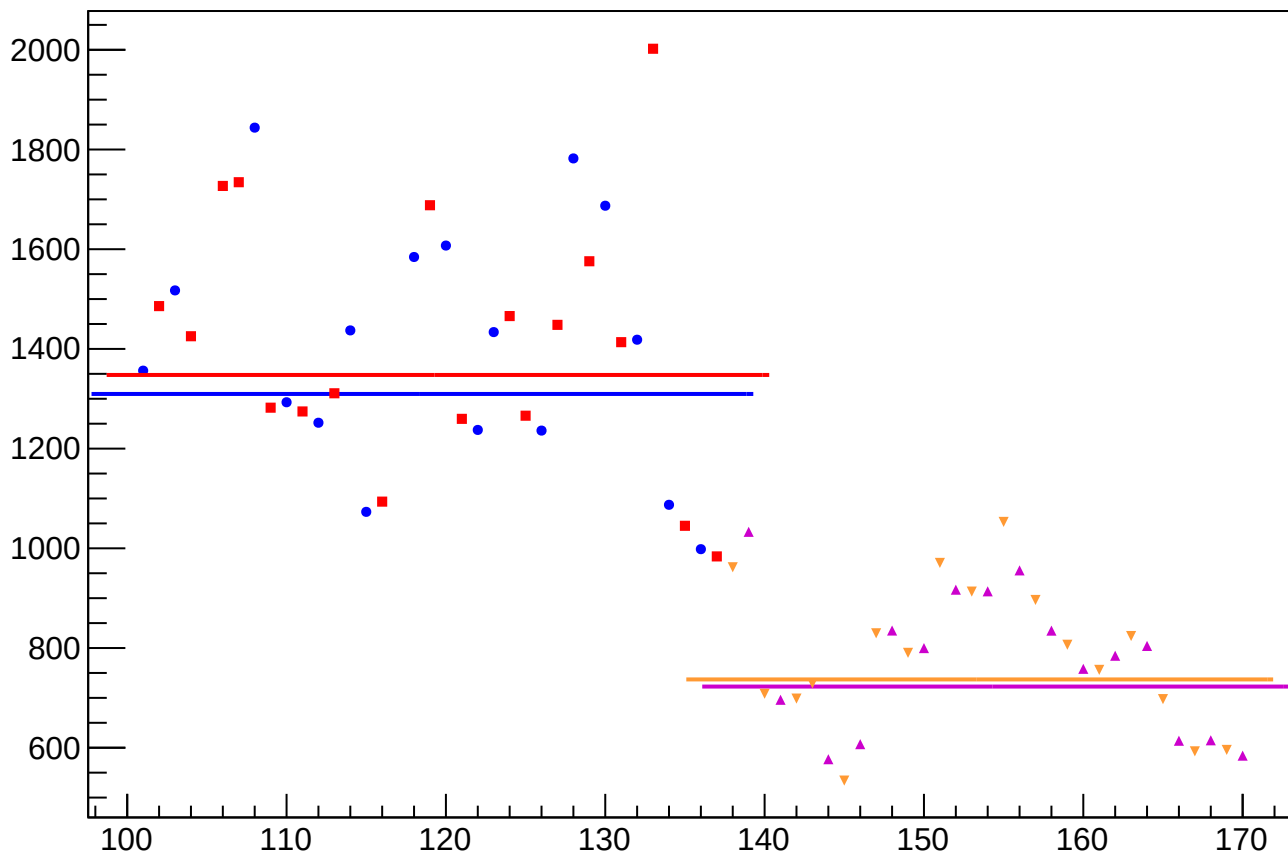
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 227.731+/-192.761 χ^2/NDF :36.9/32

Out: 1043.202+/-194.483 χ^2/NDF :54.3/34

All: 631.840+/-136.907 χ^2/NDF : 100.1/67

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 737.011 $\pm$ 0.148 χ^2 /NDF: 887771.6/16

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 722.690 $\pm$ 0.147 χ^2 /NDF: 824237.5/15

Left: 729.776 $\pm$ 0.104 χ^2 /NDF: 1716713.6/32

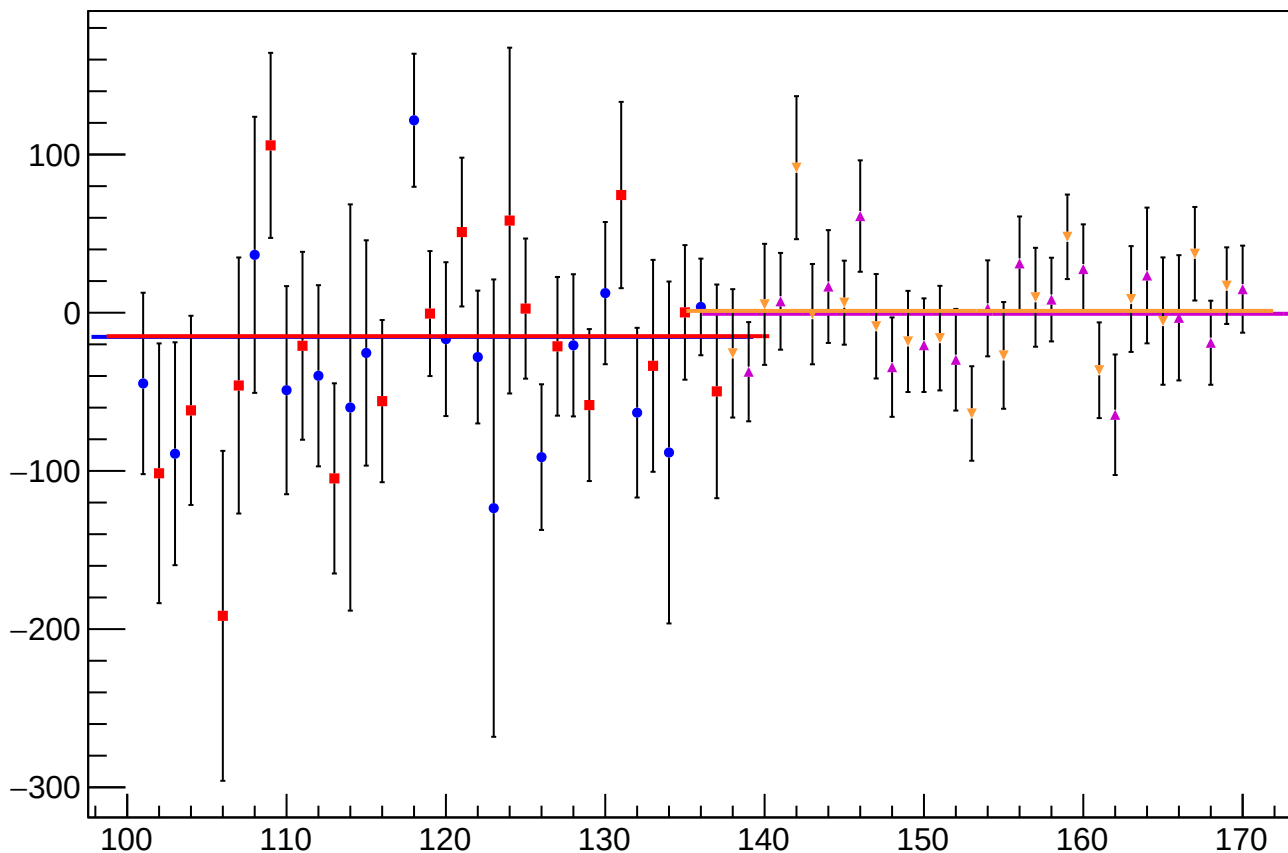
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 804.126 $\pm$ 0.136 χ^2 /NDF: 3499465.5/32

Out: 823.332 $\pm$ 0.138 χ^2 /NDF: 3686834.2/34

All: 813.643 $\pm$ 0.097 χ^2 /NDF: 7196138.5/67

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 1.141 ± 7.697 χ^2/NDF : 17.3/16

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.676 ± 7.829 χ^2/NDF : 13.4/15

Left: 0.248 ± 5.488 χ^2/NDF : 30.7/32

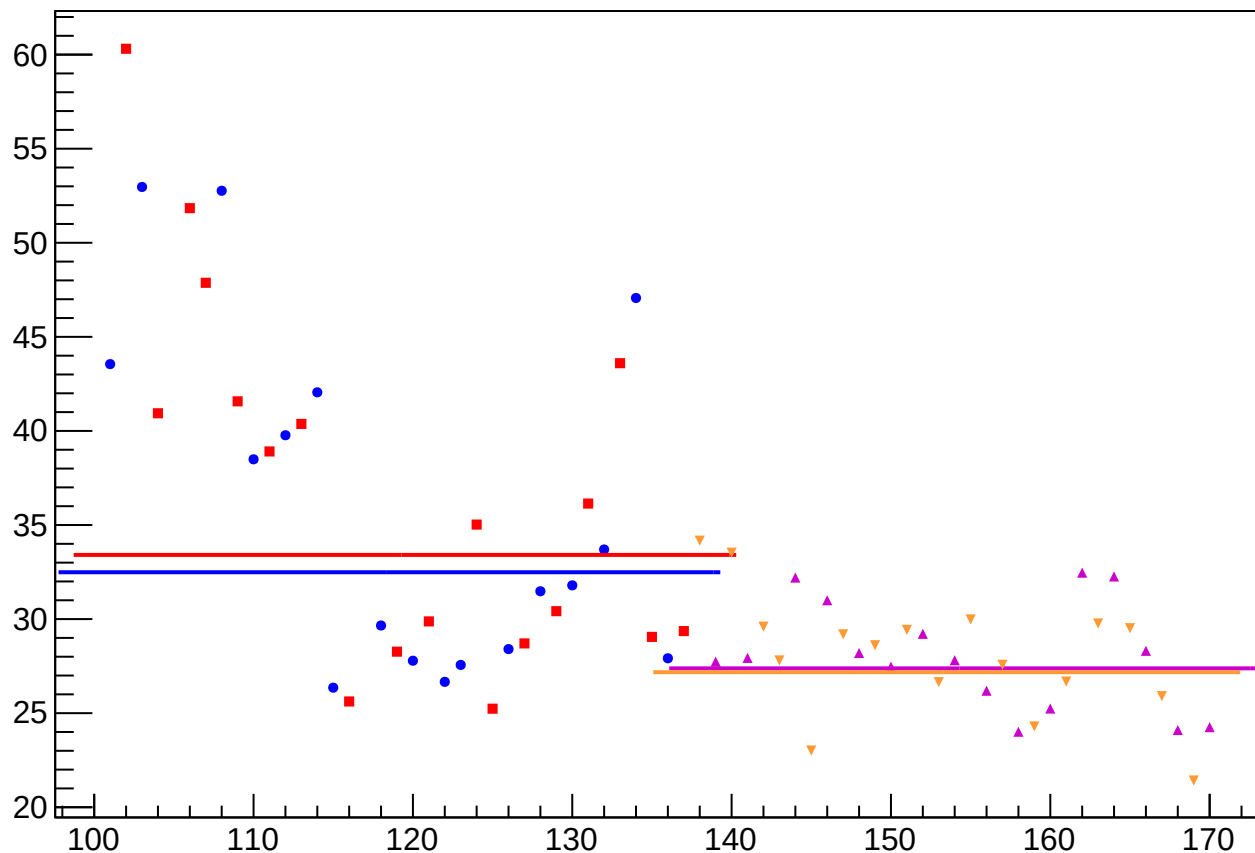
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -4.604 ± 6.694 χ^2/NDF : 32.6/32

Out: -2.961 ± 6.636 χ^2/NDF : 36.6/34

All: -3.775 ± 4.713 χ^2/NDF : 69.3/67

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.176+/-0.005 χ^2/NDF : 364905.1/16

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.382+/-0.006 χ^2/NDF : 232931.2/15

Left: 27.277+/-0.004 χ^2/NDF : 598535.6/32

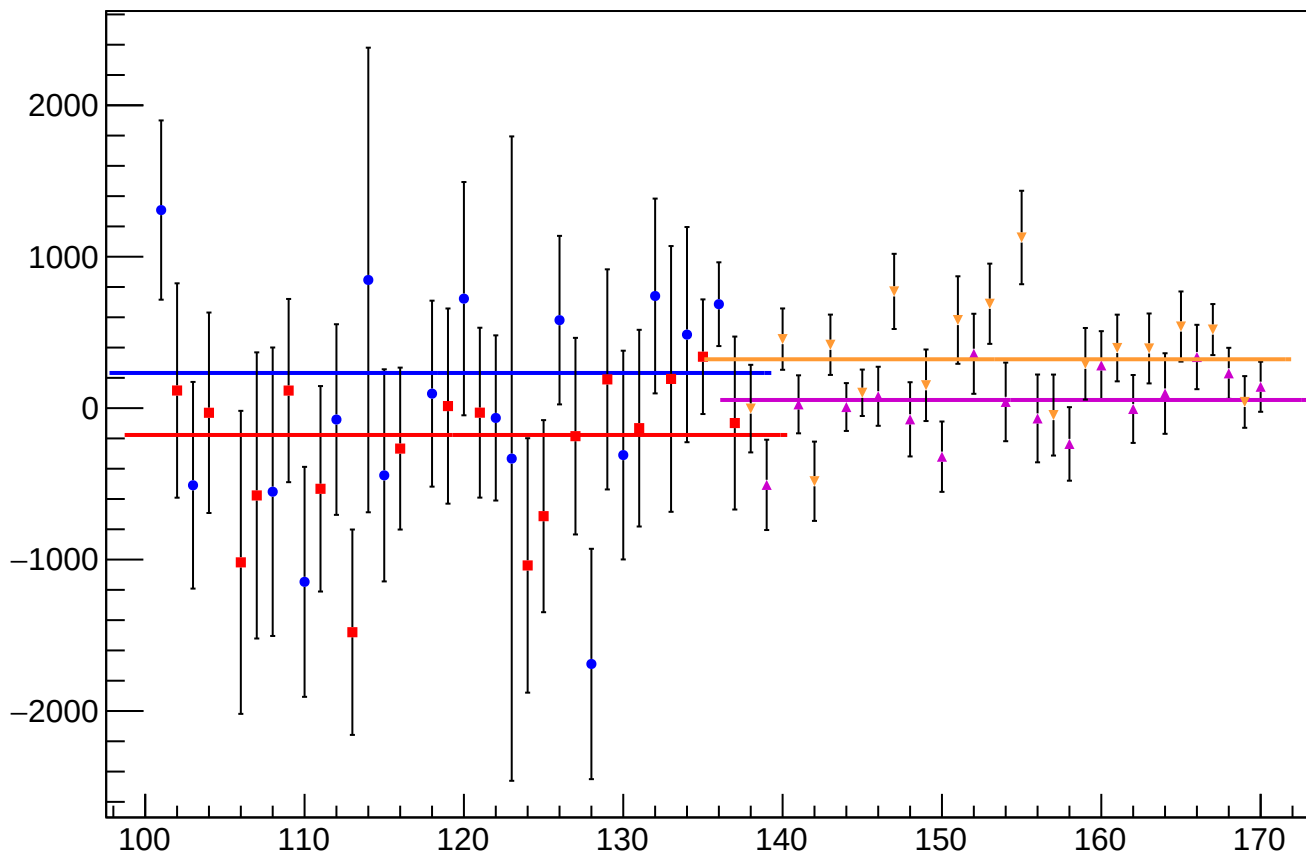
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 28.755+/-0.005 χ^2/NDF : 1056347.5/32

Out: 28.777+/-0.005 χ^2/NDF : 1426963.9/34

All: 28.766+/-0.003 χ^2/NDF : 2483321.7/67

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 322.761 $\pm$ 53.526 χ^2 /NDF:33.9/16

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: 53.939 $\pm$ 53.792 χ^2 /NDF:13.7/15

Left: 189.016 $\pm$ 37.943 χ^2 /NDF: 60.2/32

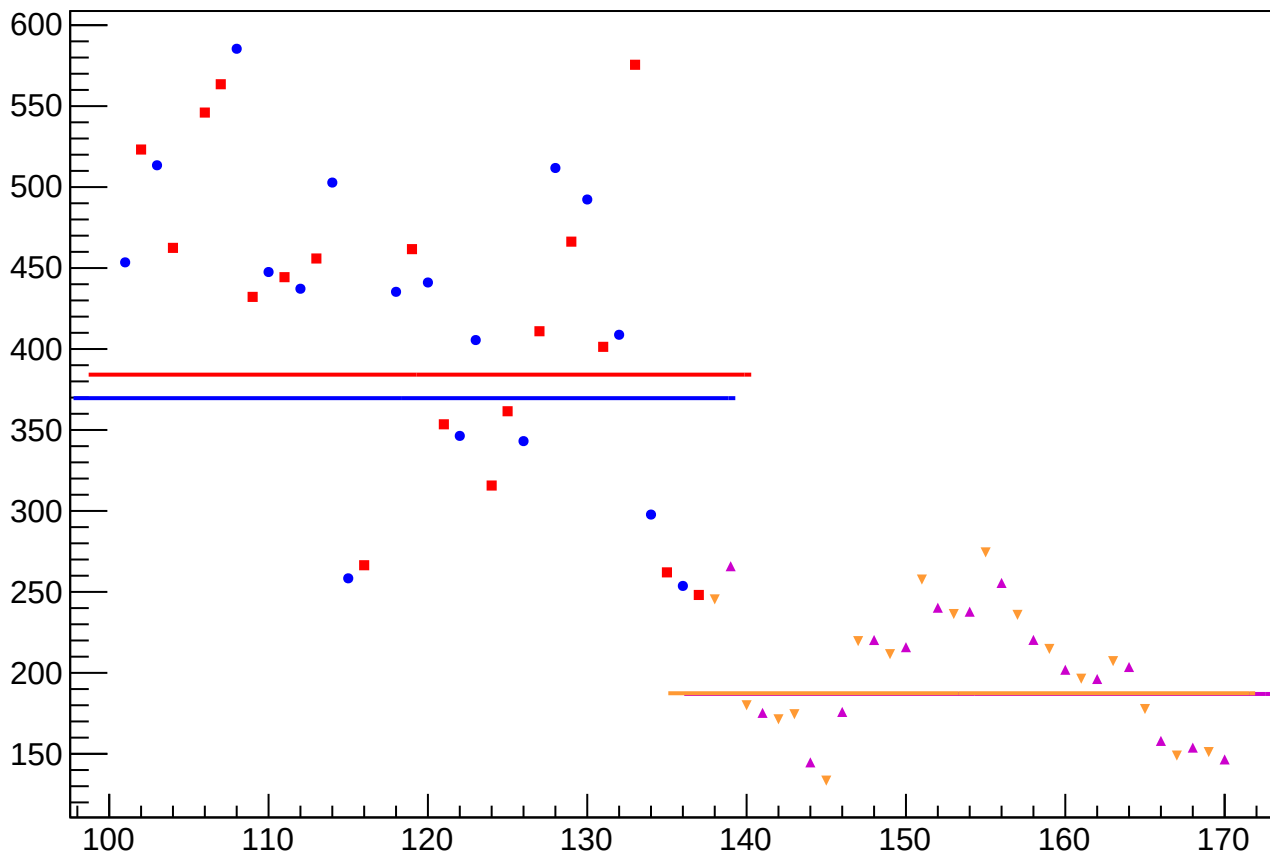
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 74.605 $\pm$ 50.581 χ^2 /NDF:36.5/32

Out: 266.296 $\pm$ 50.413 χ^2 /NDF:53.3/34

All: 170.769 $\pm$ 35.706 χ^2 /NDF: 97.0/67

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: 187.408 $\pm$ 0.038 χ^2 /NDF: 1055636.4/16

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 186.973 $\pm$ 0.038 χ^2 /NDF: 926392.0/15

Left: 187.192 $\pm$ 0.027 χ^2 /NDF: 1982094.3/32

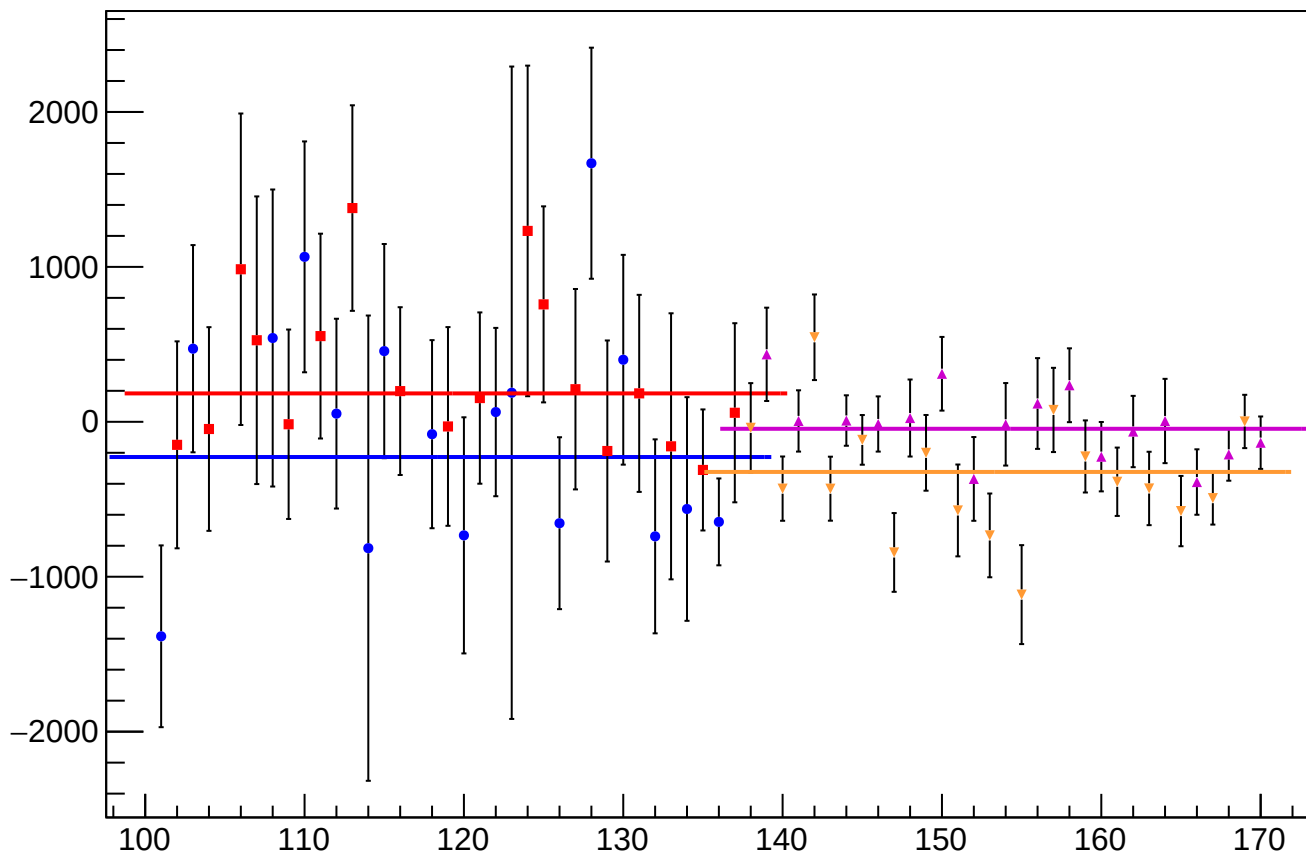
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 208.136 $\pm$ 0.036 χ^2 /NDF: 4501216.3/32

Out: 209.633 $\pm$ 0.036 χ^2 /NDF: 4983188.8/34

All: 208.887 $\pm$ 0.025 χ^2 /NDF: 9485284.1/67

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -323.548 ± 54.587 χ^2/NDF : 35.1/16

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: -45.022 ± 54.157 χ^2/NDF : 12.8/15

Left: -183.184 ± 38.446 χ^2/NDF : 61.0/32

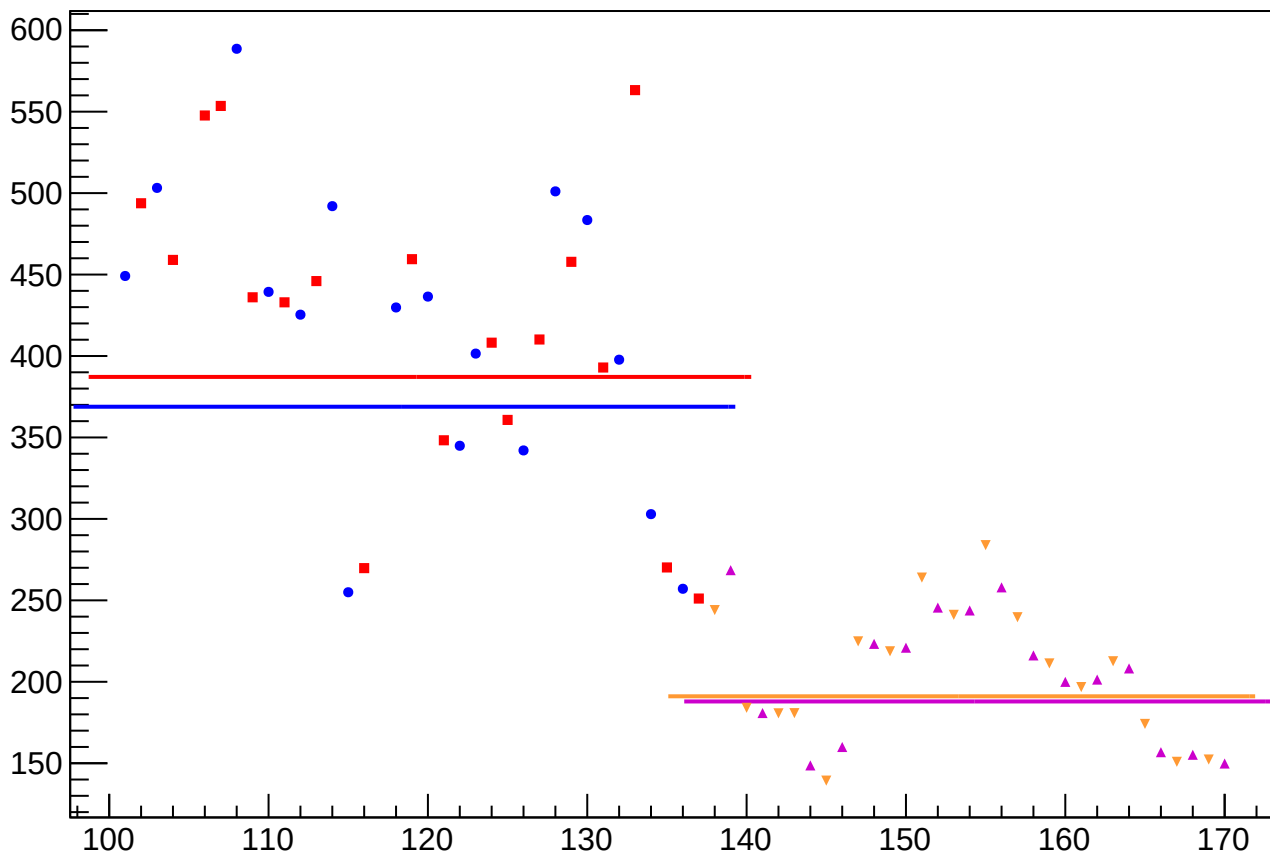
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: -66.564 ± 50.856 χ^2/NDF : 35.9/32

Out: -264.610 ± 51.316 χ^2/NDF : 53.9/34

All: -164.696 ± 36.122 χ^2/NDF : 97.4/67

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: 191.096 $\pm$ 0.039 χ^2 /NDF: 1025313.9/16

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 187.925 $\pm$ 0.038 χ^2 /NDF: 954252.1/15

Left: 189.498 $\pm$ 0.027 χ^2 /NDF: 1982967.5/32

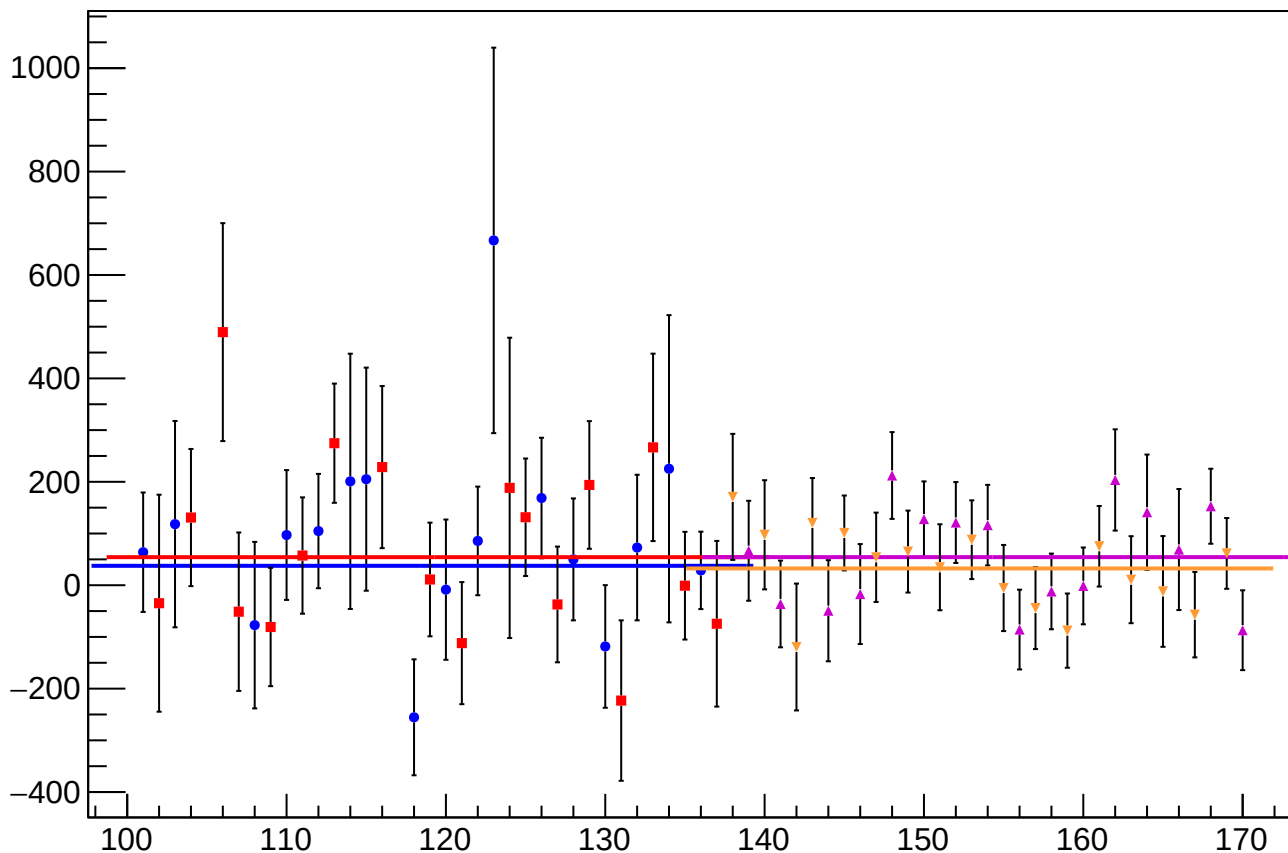
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 209.312 $\pm$ 0.036 χ^2 /NDF: 4422694.0/32

Out: 213.895 $\pm$ 0.036 χ^2 /NDF: 4783734.8/34

All: 211.583 $\pm$ 0.026 χ^2 /NDF: 9214477.6/67

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: 32.475 $\pm$ 20.381 χ^2 /NDF:11.7/16

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 54.319 $\pm$ 20.986 χ^2 /NDF:21.6/15

Left: 43.078 $\pm$ 14.621 χ^2 /NDF: 33.9/32

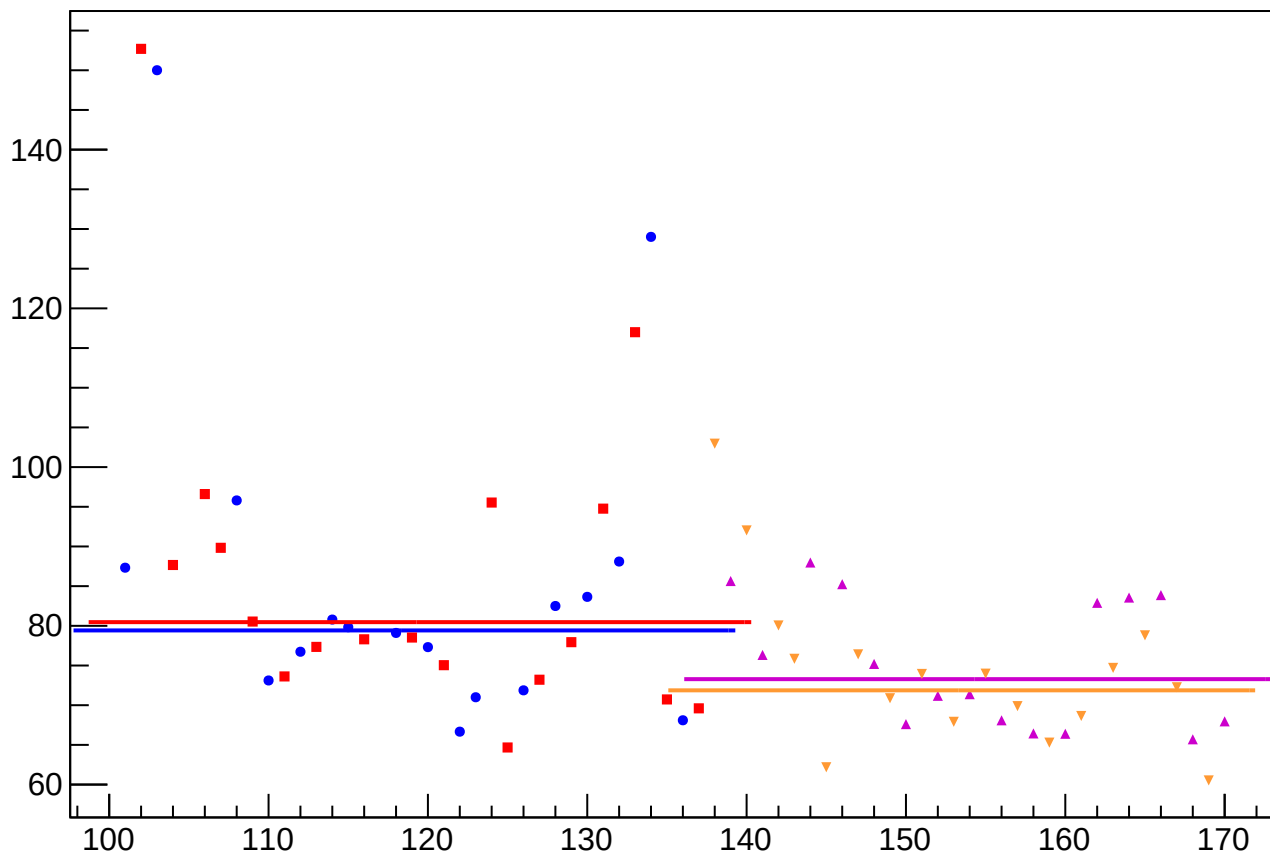
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 49.150 $\pm$ 17.458 χ^2 /NDF:37.6/32

Out: 38.911 $\pm$ 17.110 χ^2 /NDF:33.9/34

All: 43.927 $\pm$ 12.220 χ^2 /NDF: 71.7/67

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: 71.873 $\pm$ 0.014 χ^2 /NDF: 352762.8/16

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 73.282 $\pm$ 0.015 χ^2 /NDF: 254551.2/15

Left: 72.557 $\pm$ 0.010 χ^2 /NDF: 611958.2/32

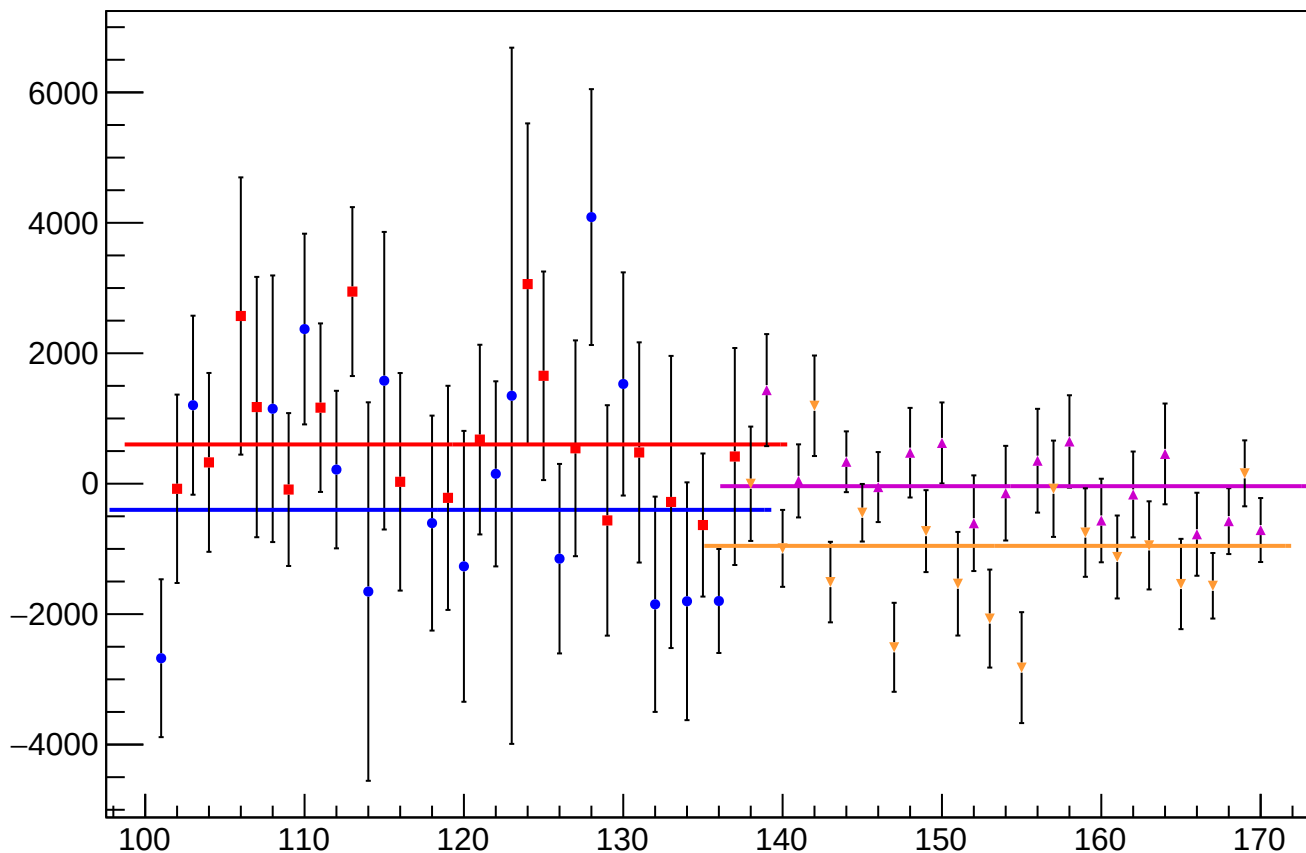
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.173 $\pm$ 0.012 χ^2 /NDF: 746304.9/32

Out: 74.410 $\pm$ 0.012 χ^2 /NDF: 912098.4/34

All: 74.783 $\pm$ 0.009 χ^2 /NDF: 1660352.8/67

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: -953.337 $\pm$ 154.936 χ^2 /NDF:32.6/16

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: -38.083 $\pm$ 155.006 χ^2 /NDF:12.6/15

Left: -495.916 $\pm$ 109.581 χ^2 /NDF: 62.6/32

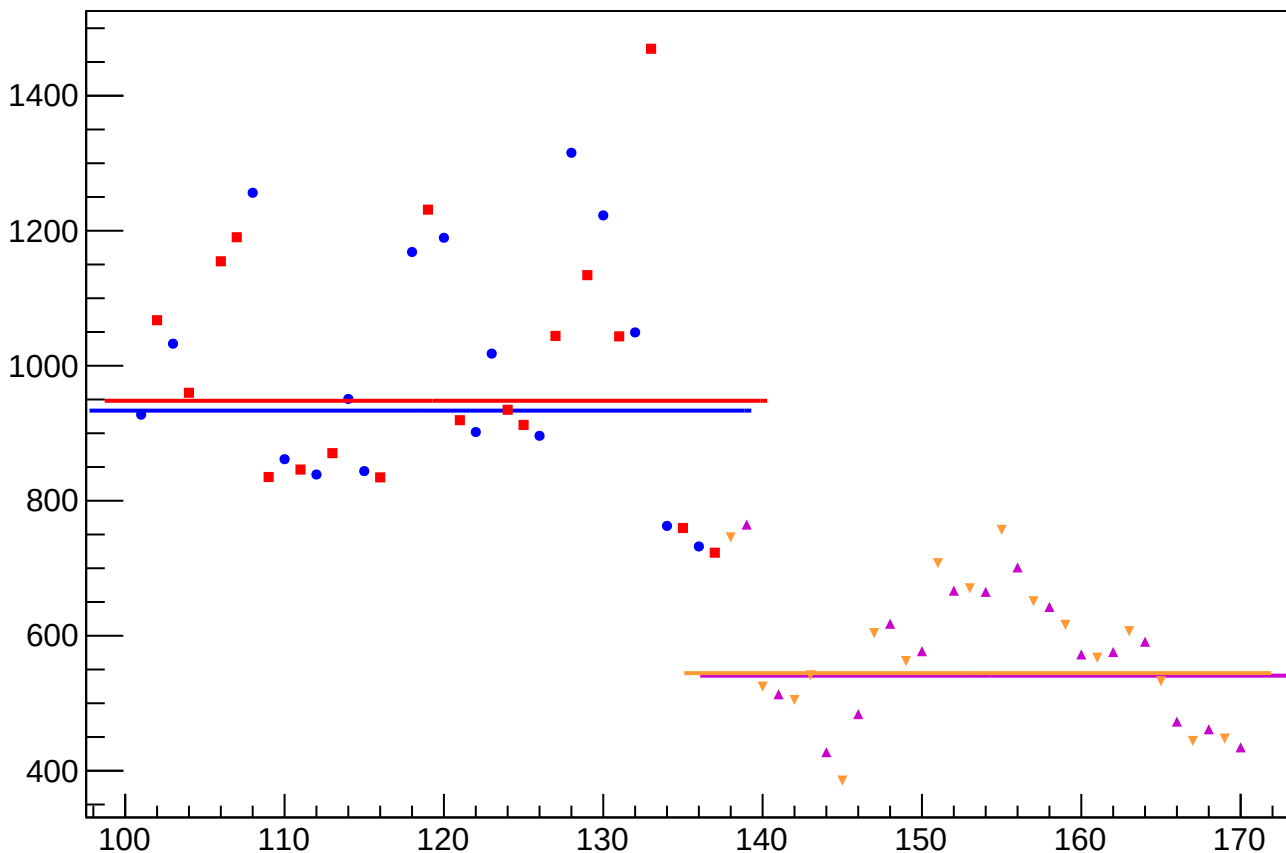
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: -92.655 $\pm$ 142.879 χ^2 /NDF:35.3/32

Out: -714.417 $\pm$ 142.539 χ^2 /NDF:56.7/34

All: -404.276 $\pm$ 100.910 χ^2 /NDF: 101.5/67

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: 544.636 $\pm$ 0.110 χ^2 /NDF:891564.5/16

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 540.897 $\pm$ 0.110 χ^2 /NDF:738345.0/15

Left: 542.767 $\pm$ 0.077 χ^2 /NDF: 1630491.5/32

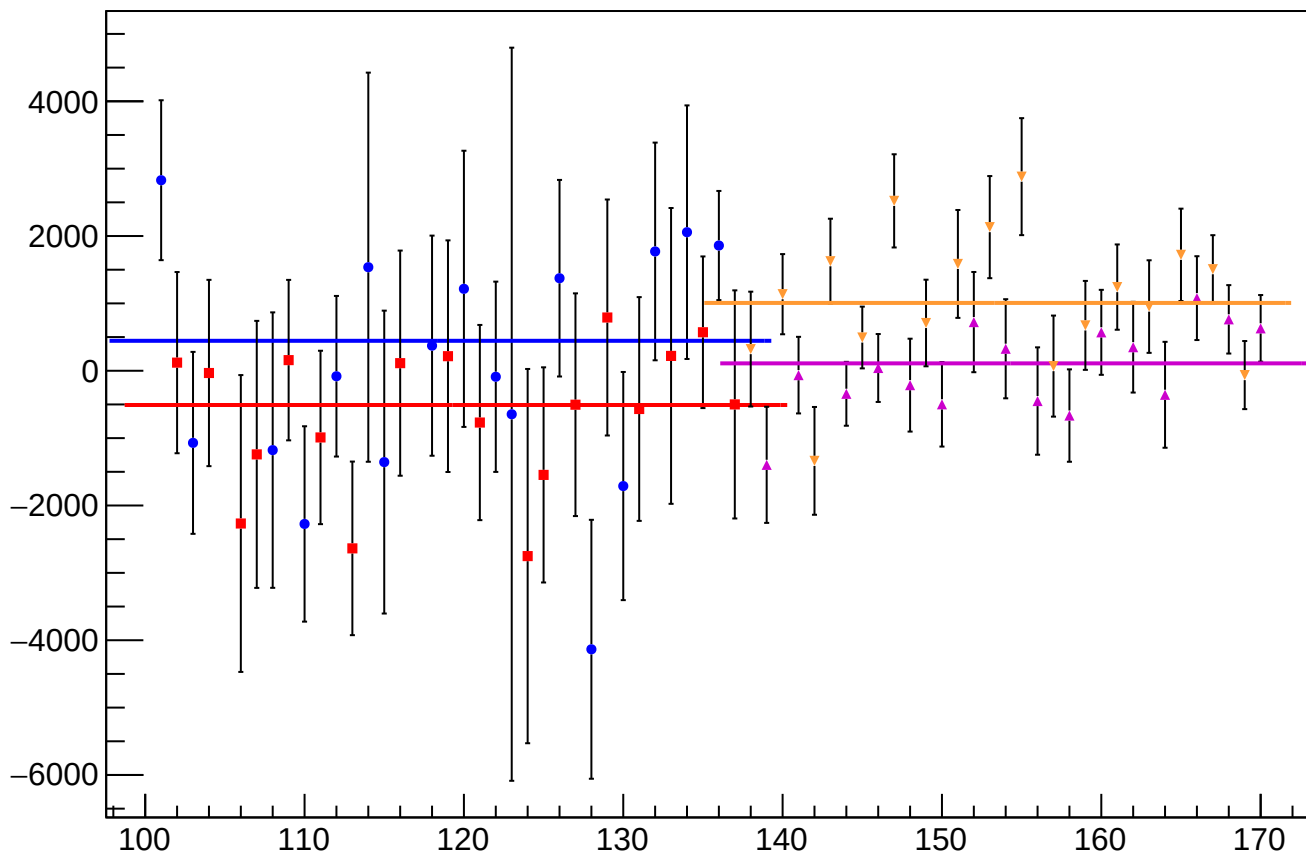
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 599.930 $\pm$ 0.101 χ^2 /NDF:3110039.3/32

Out: 606.622 $\pm$ 0.101 χ^2 /NDF:3380545.9/34

All: 603.284 $\pm$ 0.071 χ^2 /NDF: 6492784.2/67

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1006.834+/-156.515 χ^2/NDF : 32.4/16

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: 109.813+/-154.837 χ^2/NDF : 14.0/15

Left: 553.491+/-110.075 χ^2/NDF : 63.0/32

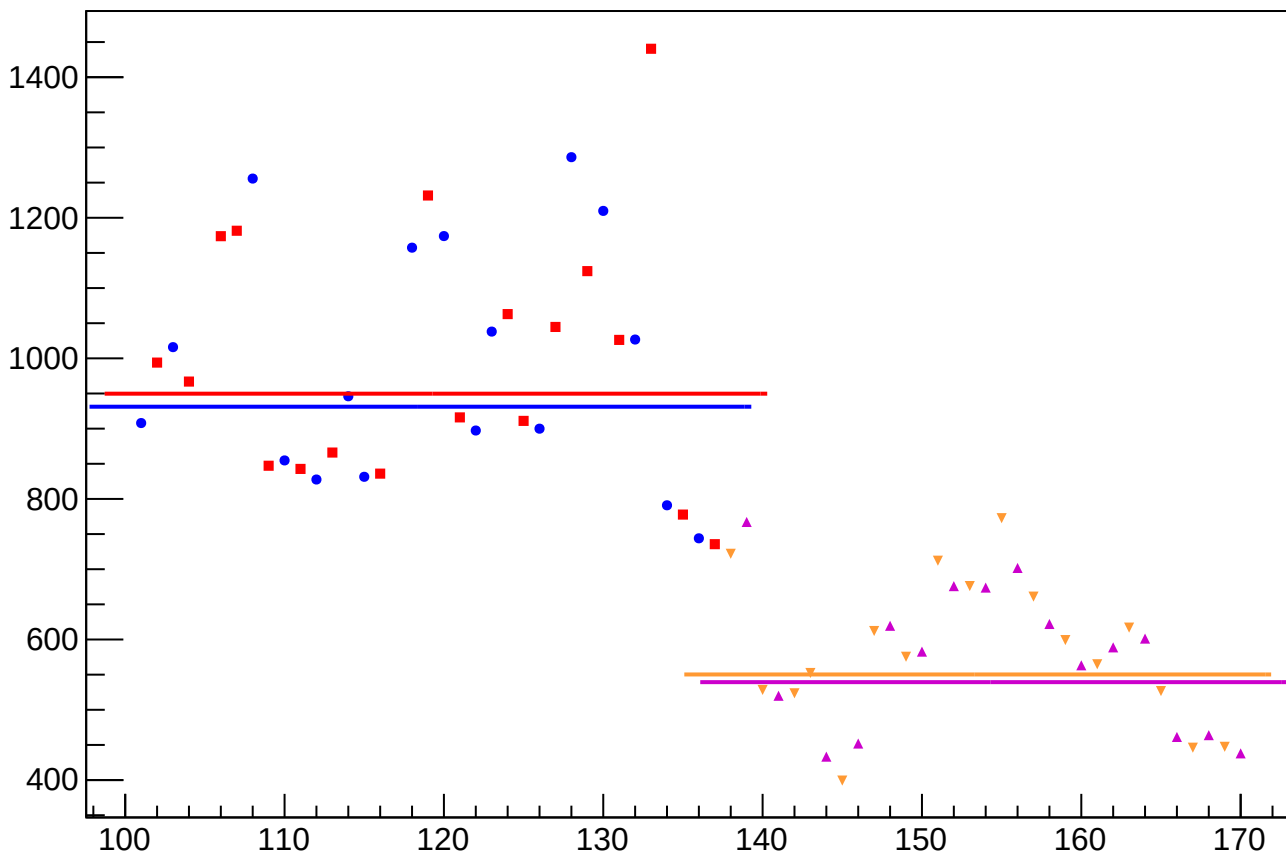
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 160.388+/-142.666 χ^2/NDF : 37.6/32

Out: 770.551+/-143.793 χ^2/NDF : 54.3/34

All: 463.069+/-101.276 χ^2/NDF : 101.0/67

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 550.266 $\pm$ 0.111 χ^2 /NDF: 834881.3/16

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 539.332 $\pm$ 0.109 χ^2 /NDF: 771010.1/15

Left: 544.740 $\pm$ 0.078 χ^2 /NDF: 1610824.3/32

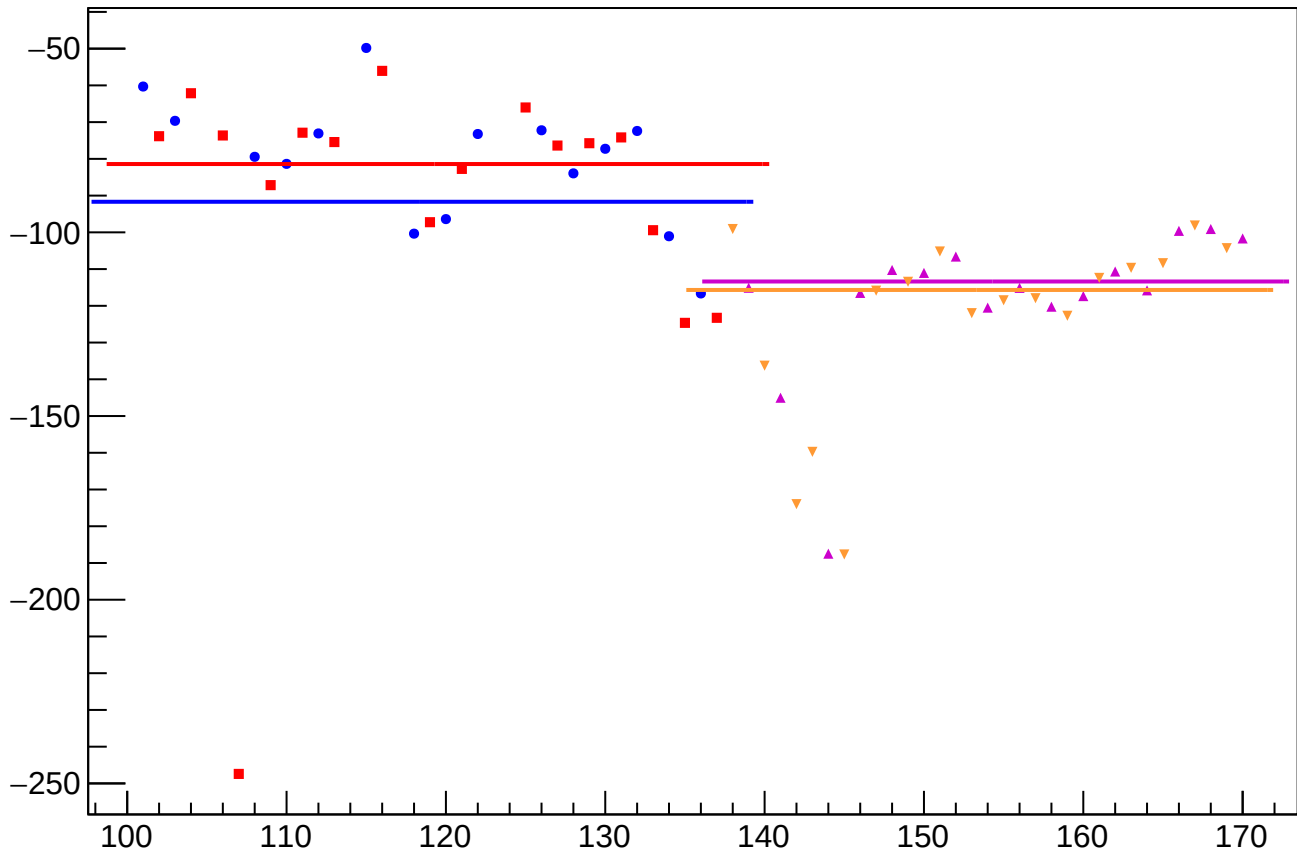
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 598.518 $\pm$ 0.101 χ^2 /NDF: 3106066.1/32

Out: 612.567 $\pm$ 0.102 χ^2 /NDF: 3232330.6/34

All: 605.487 $\pm$ 0.072 χ^2 /NDF: 6348017.5/67

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -115.683 ± 0.066 χ^2/NDF : 36282.7/16

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -113.379 ± 0.058 χ^2/NDF : 74495.4/15

Left: -114.380 ± 0.044 χ^2/NDF : 111463.7/32

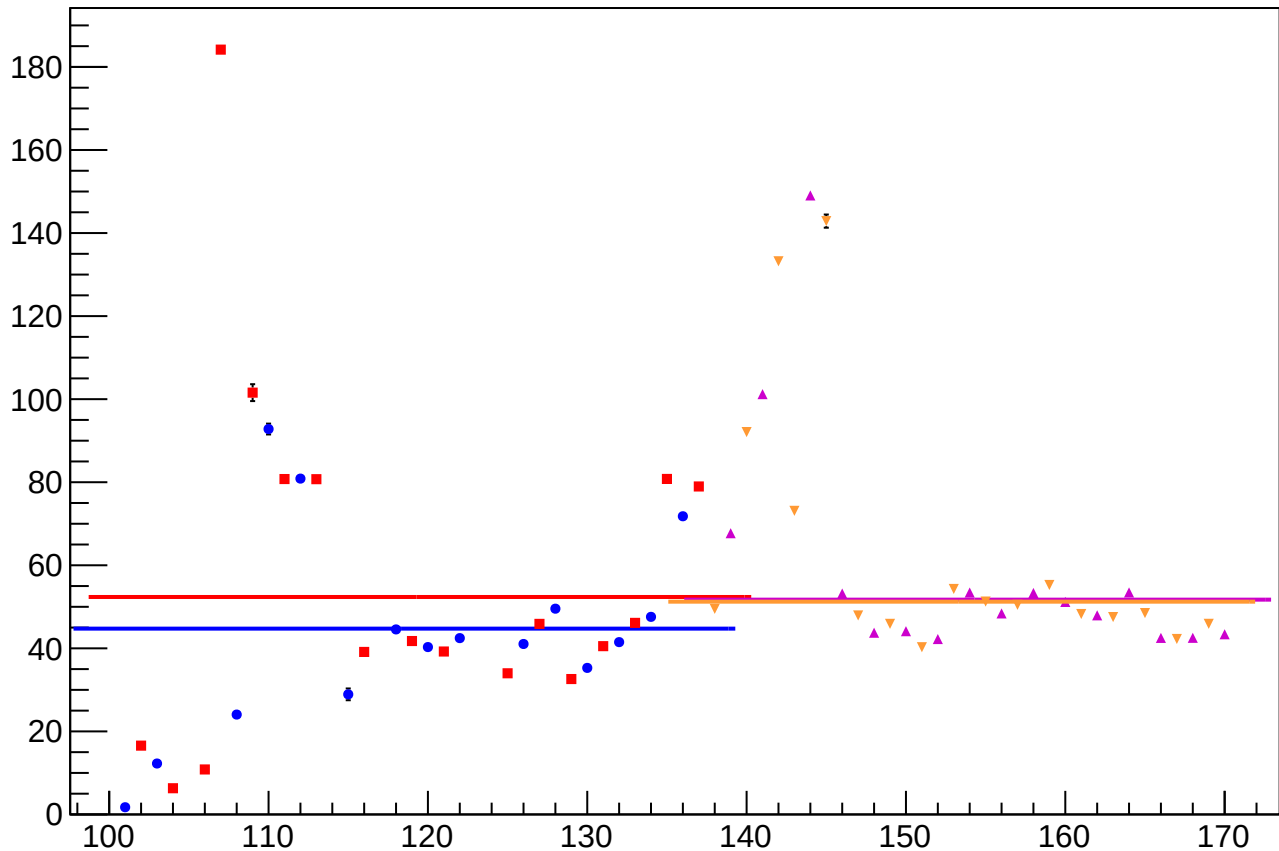
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.566 ± 0.045 χ^2/NDF : 195968.1/30

Out: -105.020 ± 0.055 χ^2/NDF : 161472.9/33

All: -104.747 ± 0.035 χ^2/NDF : 357482.2/64

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 51.238+/-0.055 χ^2/NDF : 46689.7/16

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 51.724+/-0.050 χ^2/NDF : 126829.0/15

Left: 51.504+/-0.037 χ^2/NDF : 173561.6/32

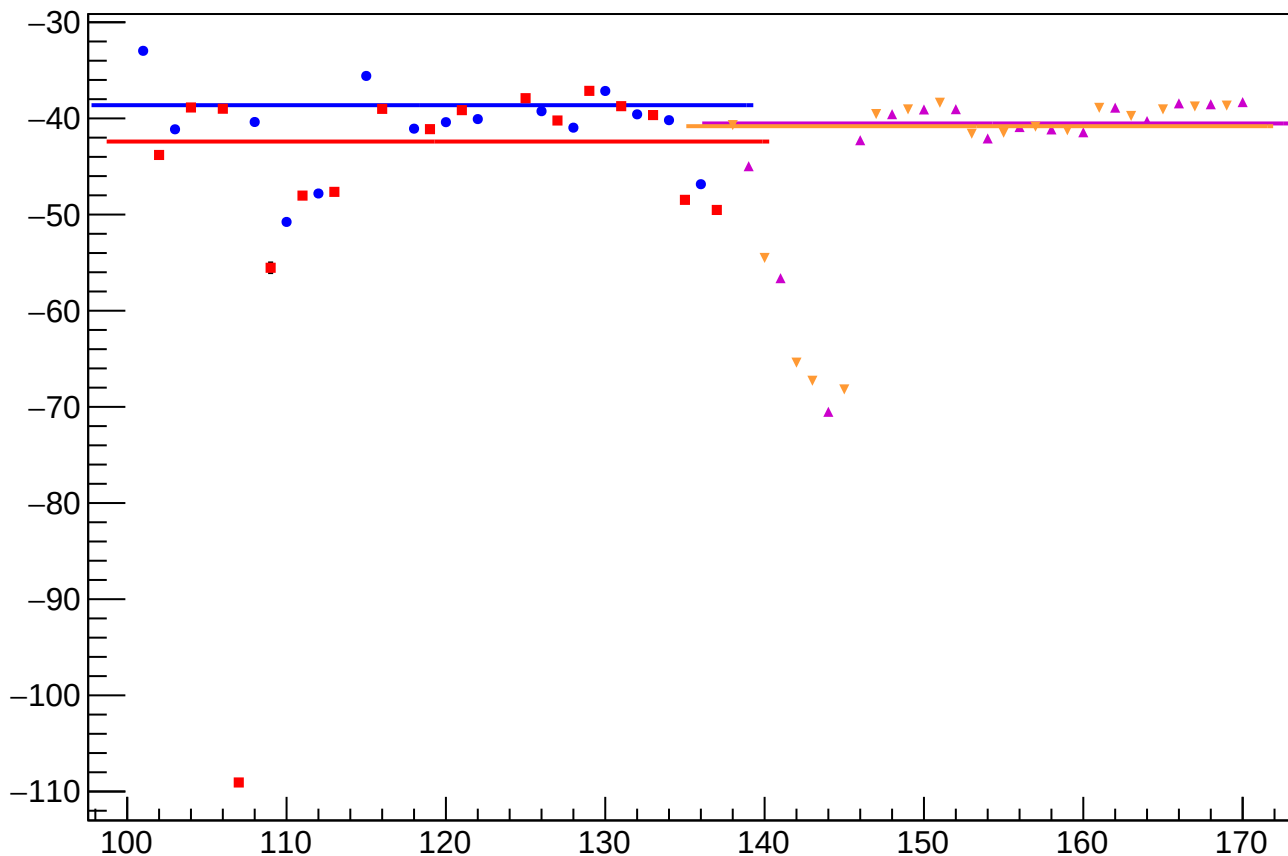
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 48.900+/-0.039 χ^2/NDF : 219431.2/30

Out: 51.455+/-0.049 χ^2/NDF : 116056.0/33

All: 49.867+/-0.030 χ^2/NDF : 337152.9/64

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.809 ± 0.008 χ^2/NDF : 201913.1/16

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -40.525 ± 0.009 χ^2/NDF : 165344.0/15

Left: -40.674 ± 0.006 χ^2/NDF : 367835.6/32

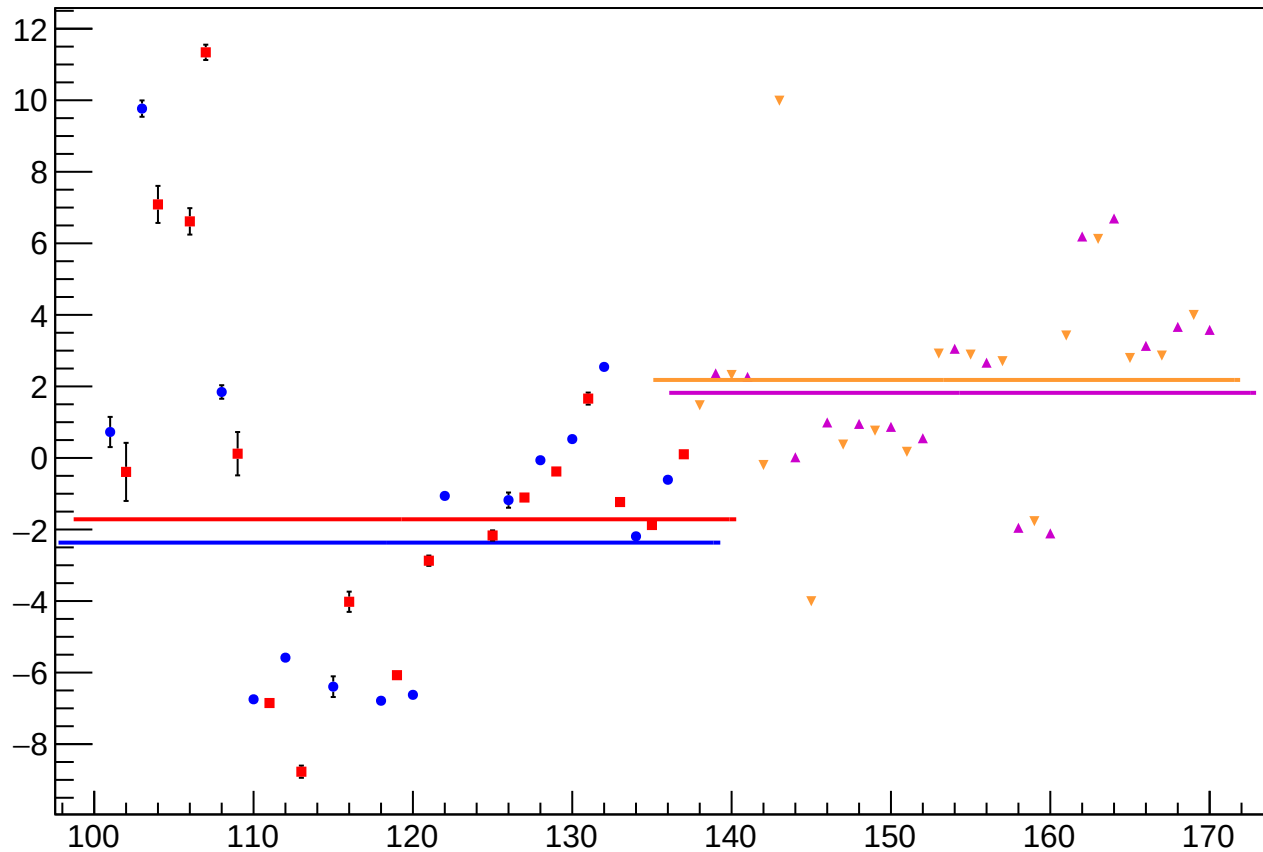
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.544 ± 0.006 χ^2/NDF : 430977.0/30

Out: -41.013 ± 0.008 χ^2/NDF : 475961.7/33

All: -40.101 ± 0.005 χ^2/NDF : 930118.4/64

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.181 ± 0.009 $\chi^2/\text{NDF}: 75763.3/16$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.820 ± 0.008 $\chi^2/\text{NDF}: 84088.0/15$

Left: 1.985 ± 0.006 $\chi^2/\text{NDF}: 160795.7/32$

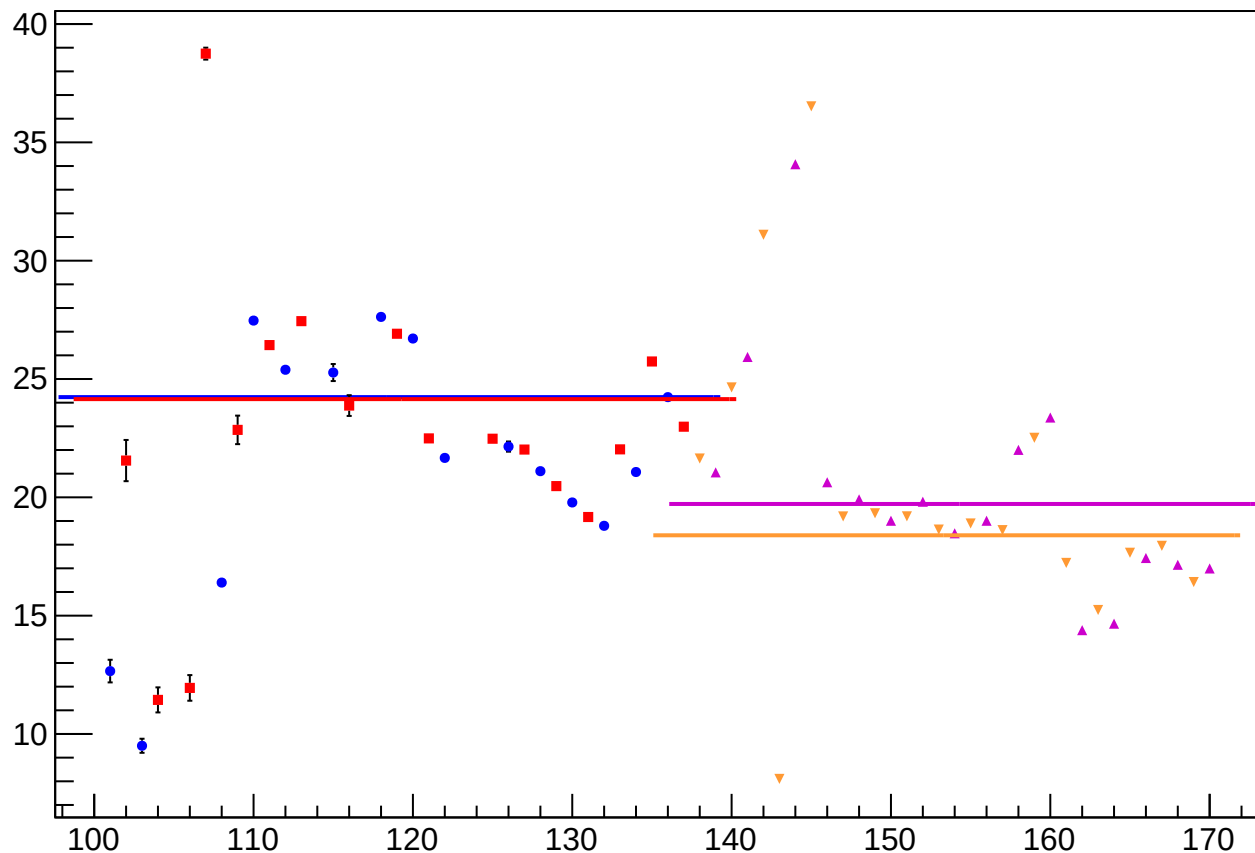
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.813 ± 0.007 $\chi^2/\text{NDF}: 180095.2/30$

Out: 1.818 ± 0.008 $\chi^2/\text{NDF}: 107373.6/33$

All: 1.227 ± 0.005 $\chi^2/\text{NDF}: 296213.7/64$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 18.396 ± 0.009 $\chi^2/\text{NDF}: 77042.8/16$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 19.719 ± 0.008 $\chi^2/\text{NDF}: 98839.1/15$

Left: 19.098 ± 0.006 $\chi^2/\text{NDF}: 188295.5/32$

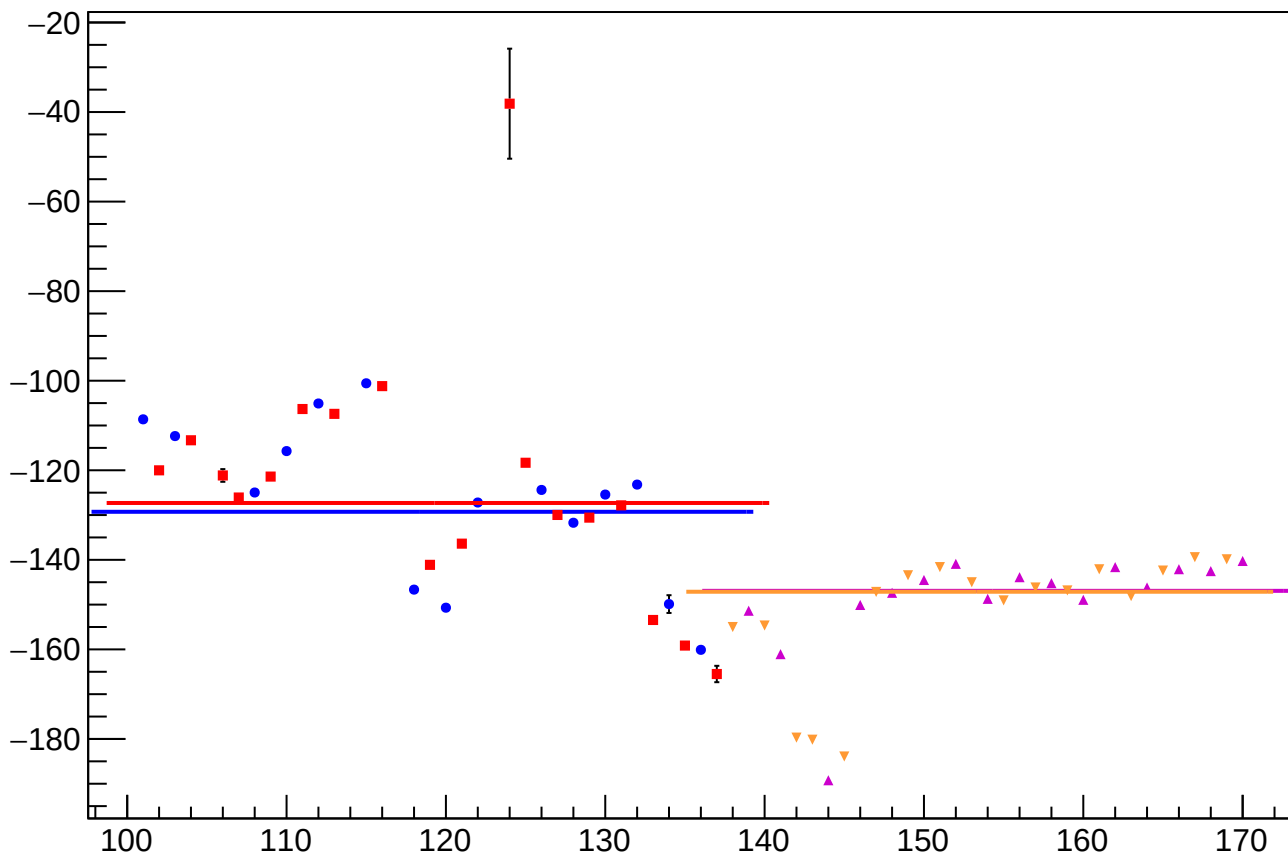
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.262 ± 0.008 $\chi^2/\text{NDF}: 157726.9/30$

Out: 19.040 ± 0.008 $\chi^2/\text{NDF}: 139773.0/33$

All: 19.691 ± 0.006 $\chi^2/\text{NDF}: 309471.8/64$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -147.126 ± 0.054 χ^2/NDF : 34333.2/16

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -146.926 ± 0.054 χ^2/NDF : 23941.6/15

Left: -147.026 ± 0.038 χ^2/NDF : 58281.8/32

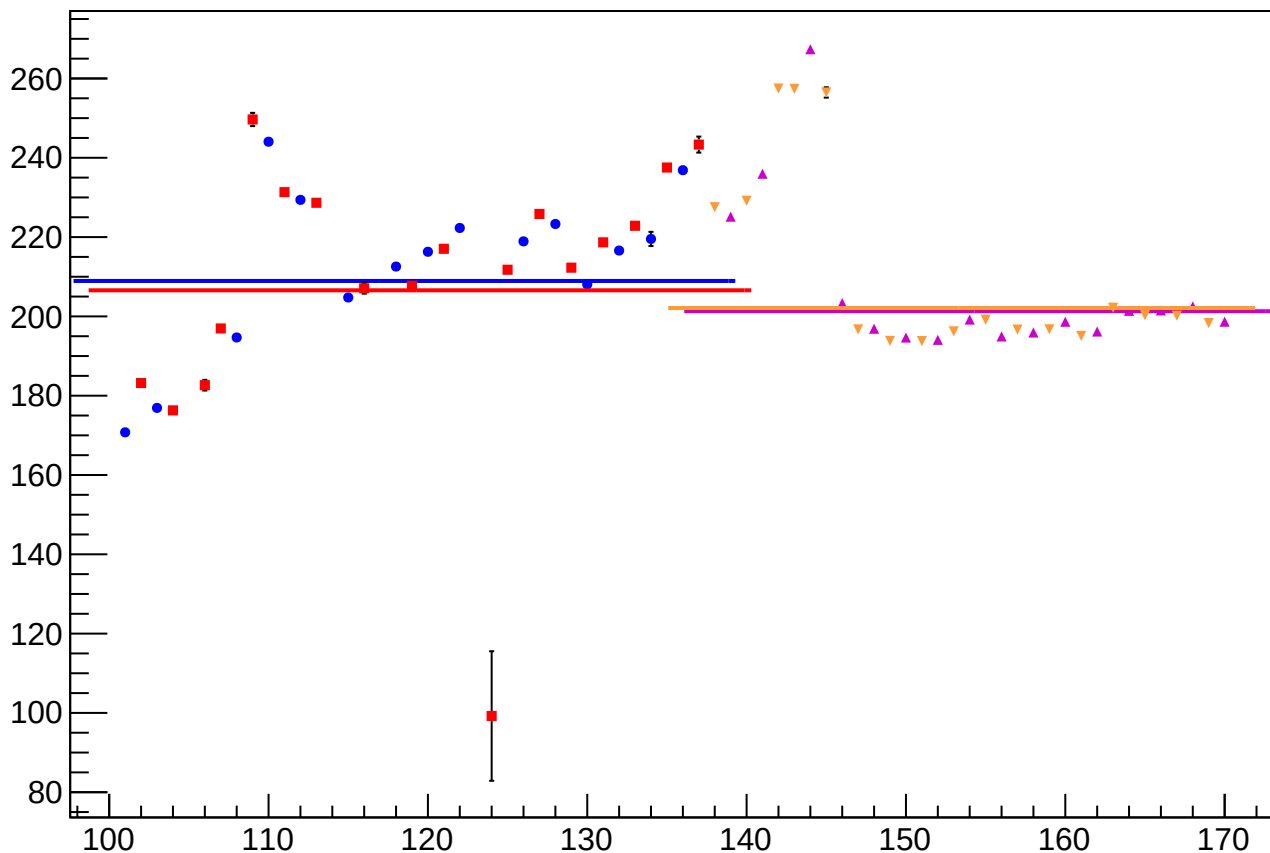
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.096 ± 0.046 χ^2/NDF : 88436.2/30

Out: -141.373 ± 0.045 χ^2/NDF : 103163.0/34

All: -141.731 ± 0.032 χ^2/NDF : 191724.7/65

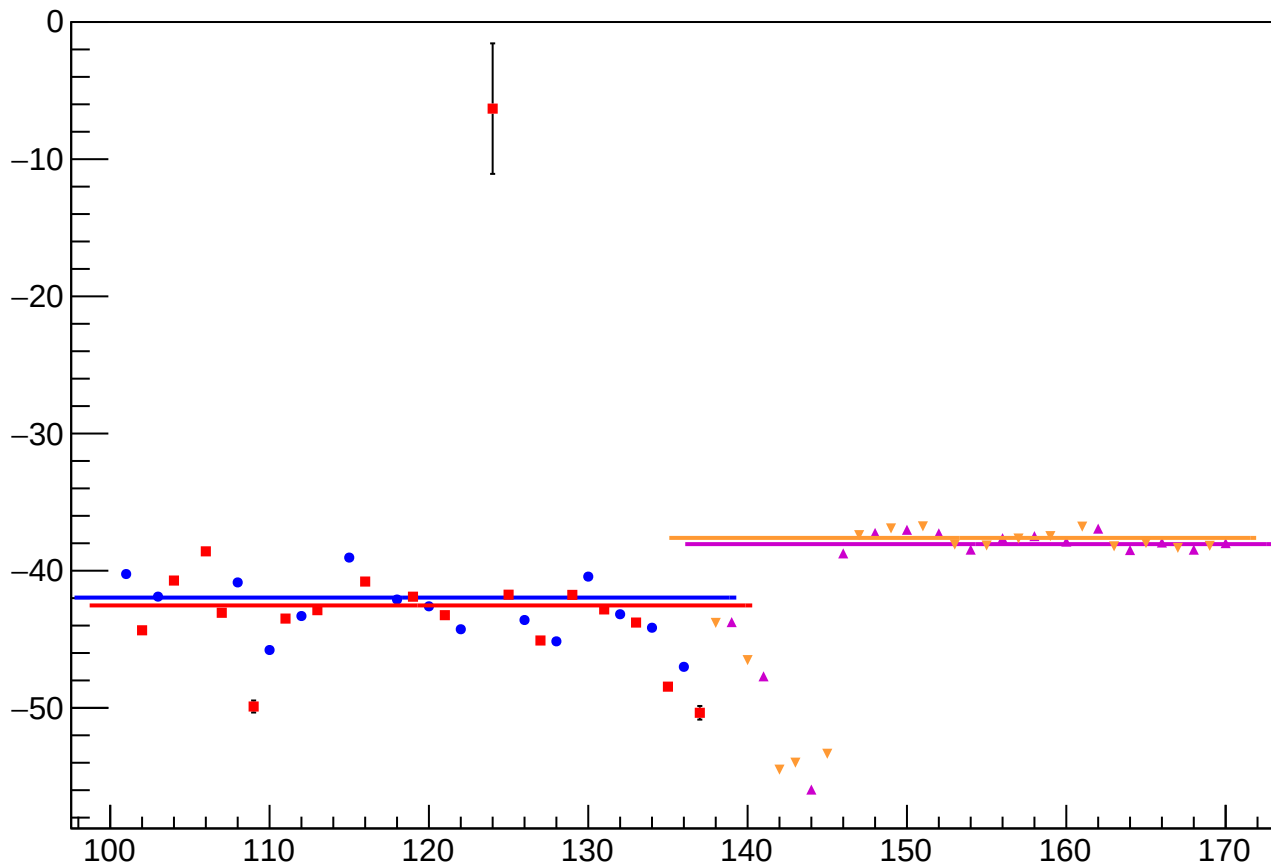
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14
 Left Out: 202.115 $\pm$ 0.046 χ^2 /NDF:103931.3/16
 Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17
 Left In: 201.300 $\pm$ 0.046 χ^2 /NDF:76341.1/15

Left: 201.710 $\pm$ 0.032 χ^2 /NDF: 180429.9/32
 Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32
 In: 202.906 $\pm$ 0.041 χ^2 /NDF:126808.7/30
 Out: 203.153 $\pm$ 0.040 χ^2 /NDF:154354.7/34
 All: 203.032 $\pm$ 0.029 χ^2 /NDF: 281182.0/65

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.608 ± 0.004 χ^2/NDF : 222448.6/16

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.062 ± 0.005 χ^2/NDF : 133230.3/15

Left: -37.812 ± 0.003 χ^2/NDF : 360405.0/32

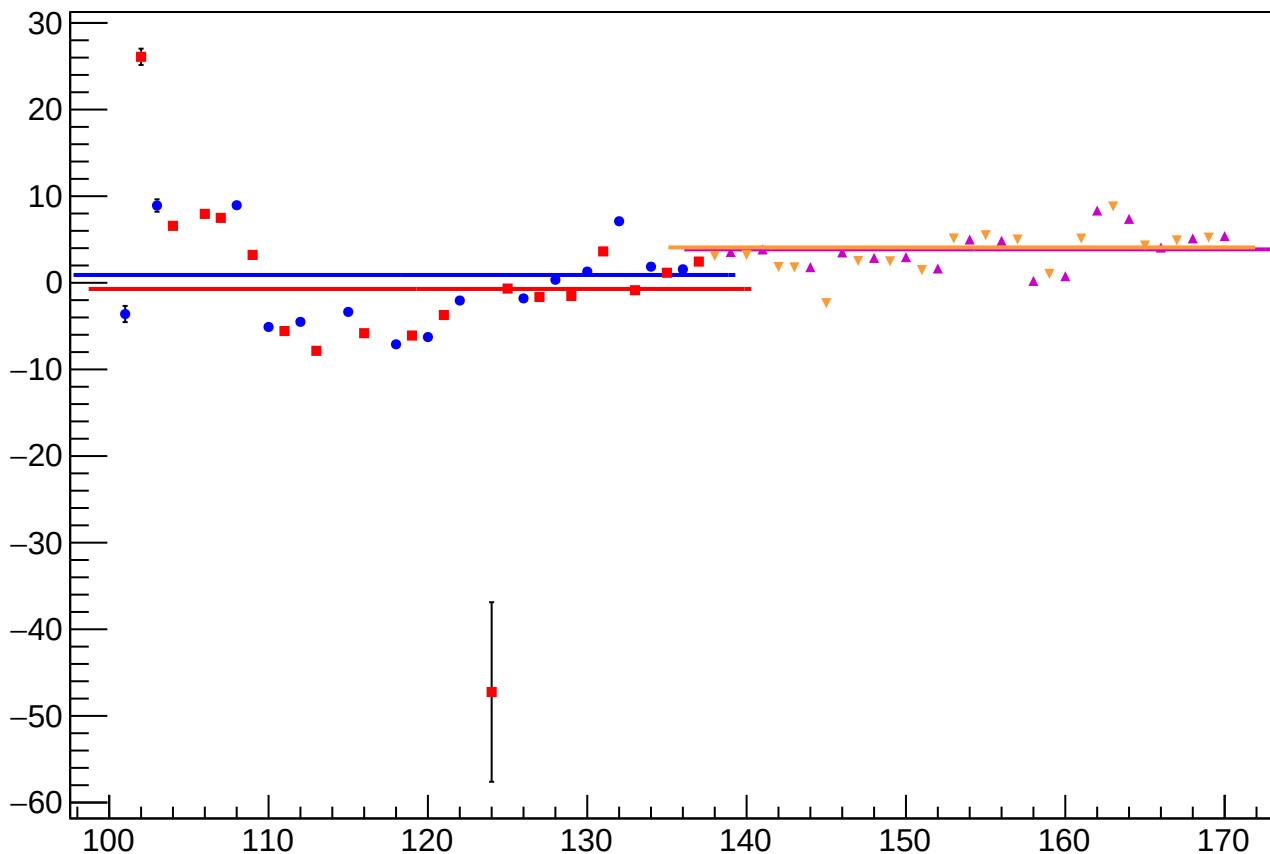
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.412 ± 0.005 χ^2/NDF : 214220.6/30

Out: -37.824 ± 0.004 χ^2/NDF : 282926.3/34

All: -38.095 ± 0.003 χ^2/NDF : 505669.8/65

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.086 ± 0.007 χ^2/NDF : 87640.0/16

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.858 ± 0.008 χ^2/NDF : 67095.9/15

Left: 3.990 ± 0.005 χ^2/NDF : 155230.5/32

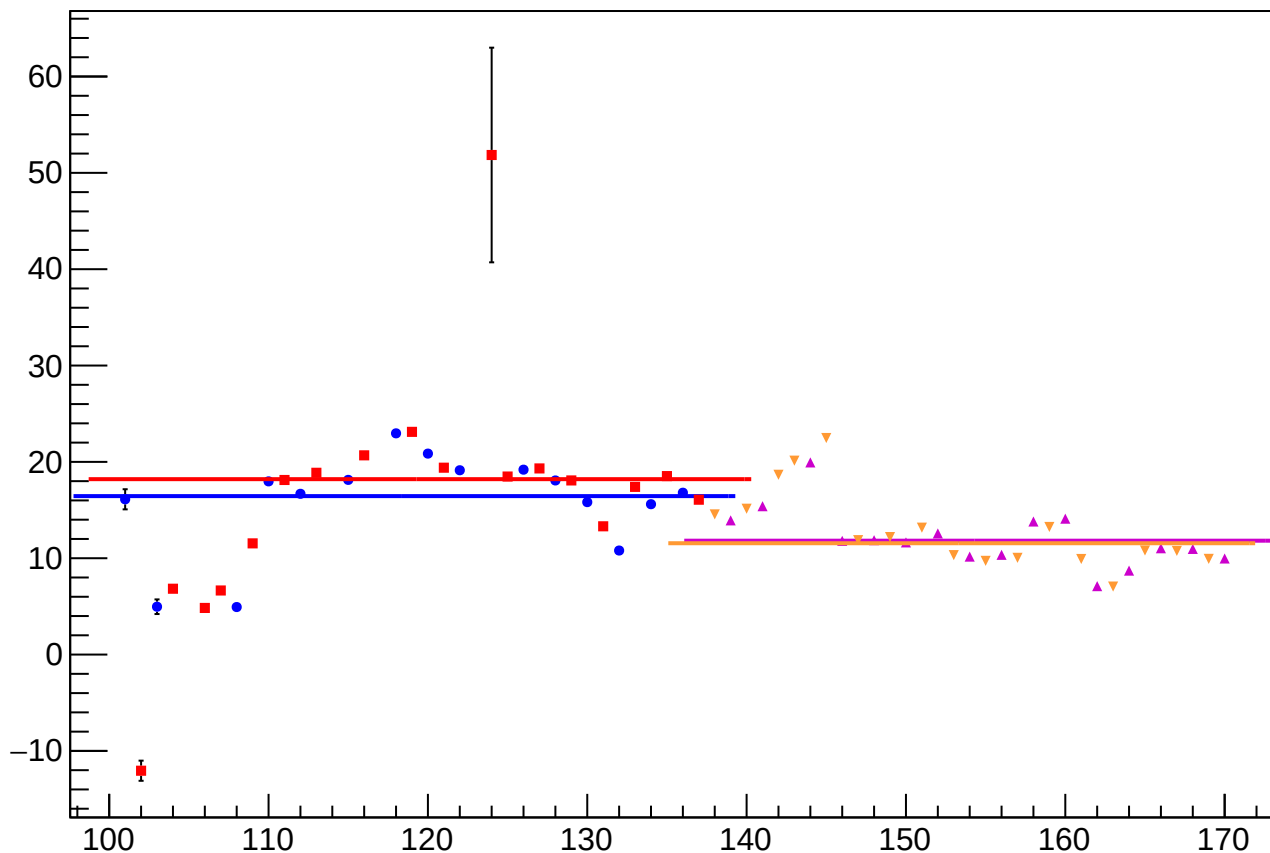
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.467 ± 0.007 χ^2/NDF : 107085.3/30

Out: 3.754 ± 0.006 χ^2/NDF : 154627.2/34

All: 3.629 ± 0.005 χ^2/NDF : 262587.9/65

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.556 $\pm$ 0.009 χ^2 /NDF: 94123.6/16

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.820 $\pm$ 0.010 χ^2 /NDF: 48533.7/15

Left: 11.674 $\pm$ 0.007 χ^2 /NDF: 143065.4/32

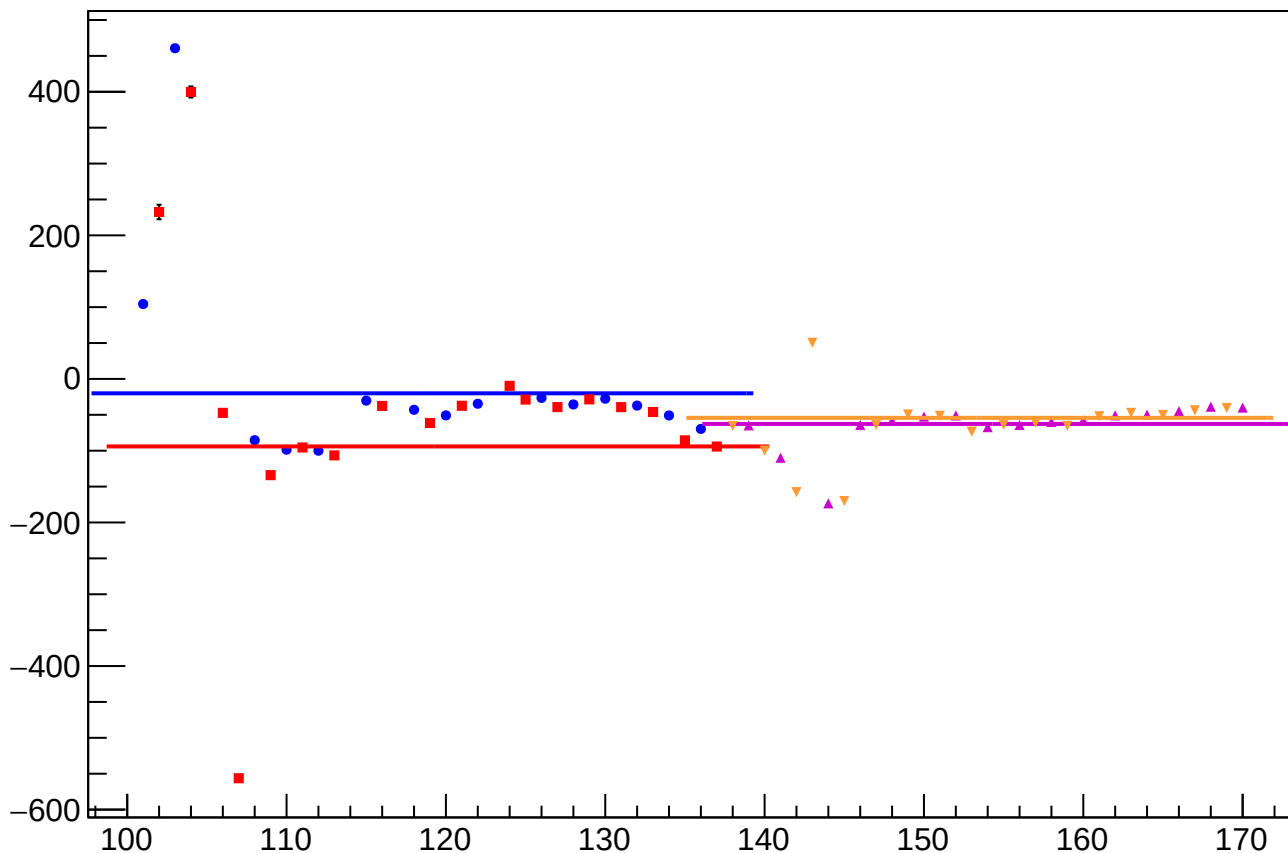
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.456 $\pm$ 0.009 χ^2 /NDF: 93715.1/30

Out: 12.585 $\pm$ 0.008 χ^2 /NDF: 211193.1/34

All: 12.528 $\pm$ 0.006 χ^2 /NDF: 305021.0/65

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -54.231 ± 0.102 $\chi^2/\text{NDF}: 51825.5/16$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -62.719 ± 0.128 $\chi^2/\text{NDF}: 45418.4/15$

Left: -57.508 ± 0.080 $\chi^2/\text{NDF}: 99924.2/32$

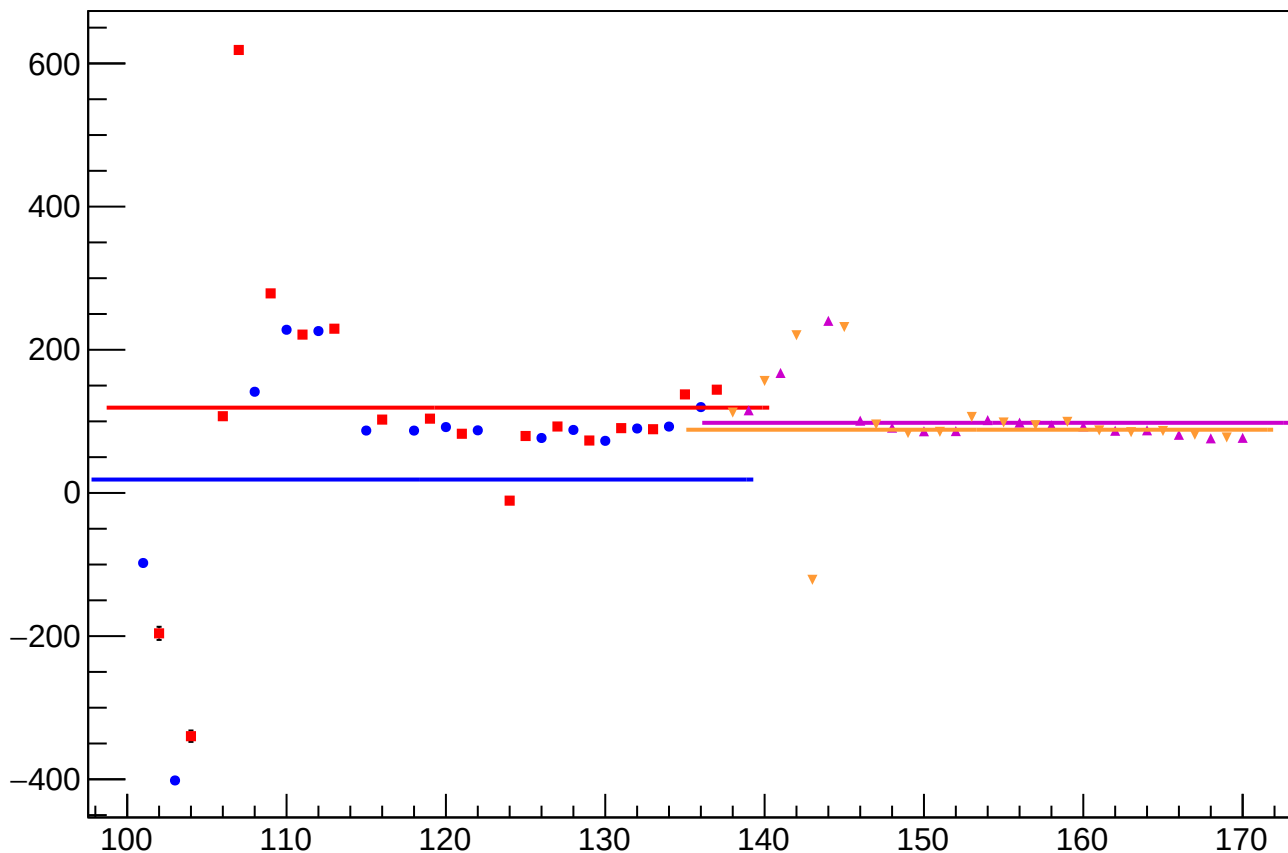
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.100 ± 0.098 $\chi^2/\text{NDF}: 532427.4/30$

Out: -93.466 ± 0.012 $\chi^2/\text{NDF}: 289871.1/34$

All: -92.717 ± 0.012 $\chi^2/\text{NDF}: 1060046.8/65$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 88.328 ± 0.090 $\chi^2/\text{NDF}: 170637.2/16$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 97.978 ± 0.111 $\chi^2/\text{NDF}: 67166.9/15$

Left: 92.166 ± 0.070 $\chi^2/\text{NDF}: 242370.8/32$

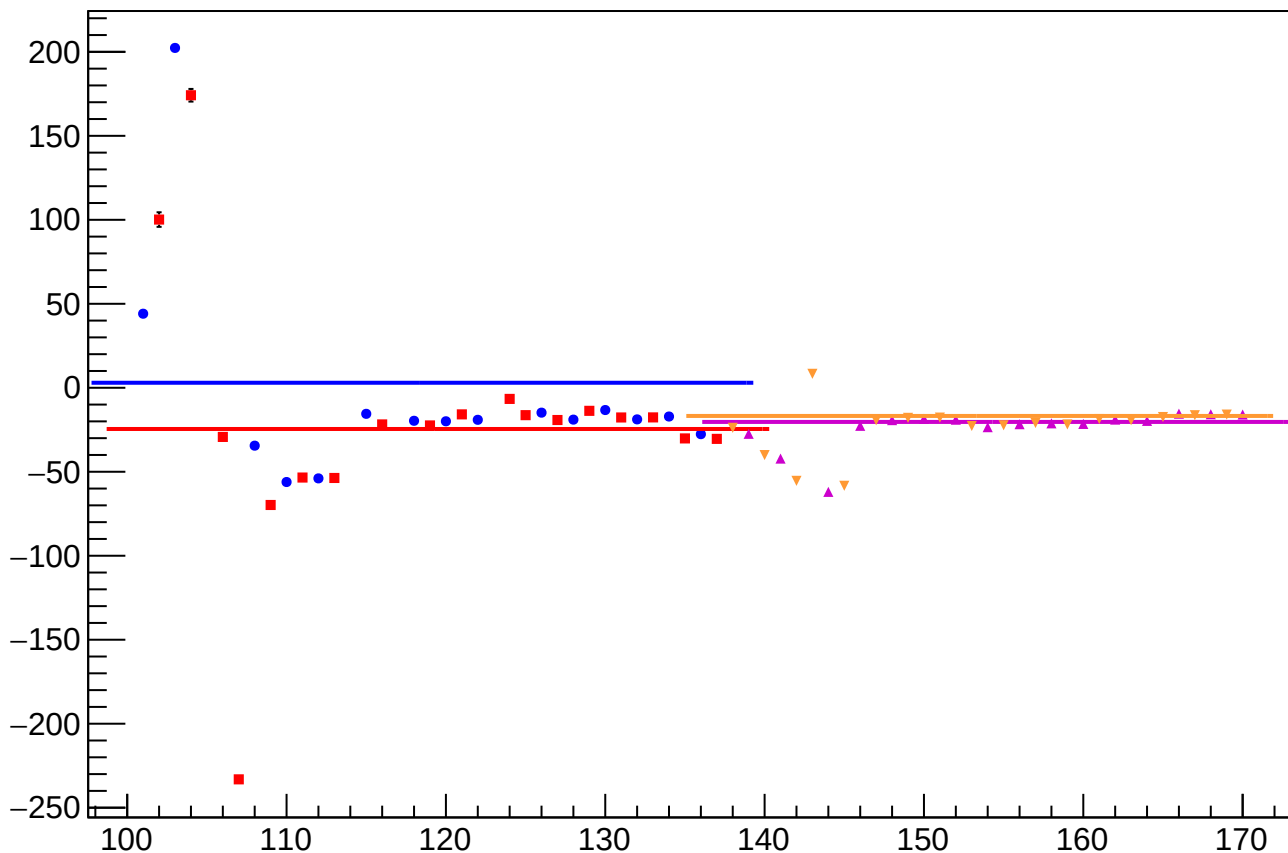
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 70.491 ± 0.090 $\chi^2/\text{NDF}: 1346328.1/30$

Out: 93.560 ± 0.082 $\chi^2/\text{NDF}: 277978.8/34$

All: 83.031 ± 0.061 $\chi^2/\text{NDF}: 1660369.4/65$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.769 ± 0.013 χ^2/NDF : 570571.2/16

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -20.337 ± 0.015 χ^2/NDF : 148715.5/15

Left: -18.352 ± 0.010 χ^2/NDF : 750514.4/32

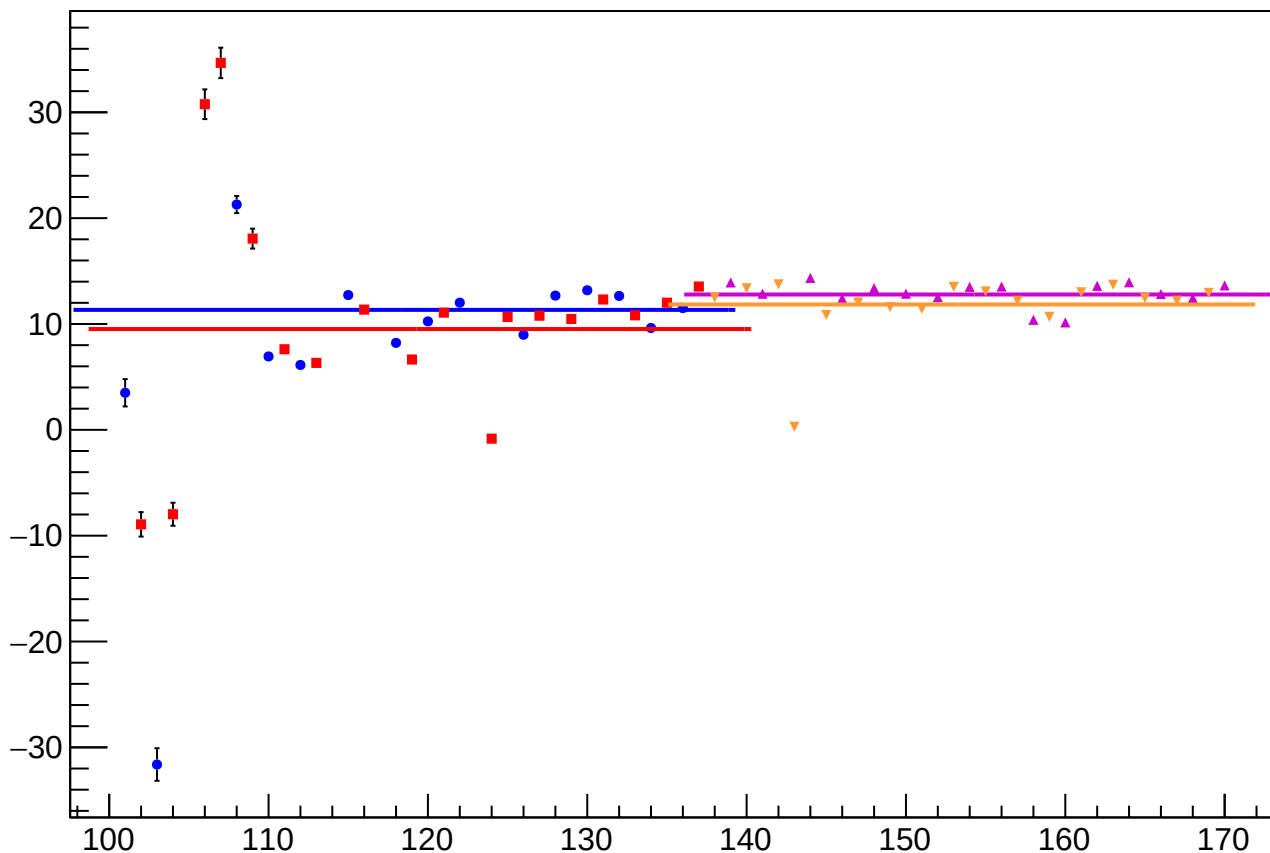
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.766 ± 0.013 χ^2/NDF : 4218523.1/30

Out: -17.443 ± 0.013 χ^2/NDF : 775980.1/34

All: -16.134 ± 0.009 χ^2/NDF : 5015712.5/65

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.844 $\pm$ 0.016 χ^2 /NDF:30661.1/16

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.786 $\pm$ 0.014 χ^2 /NDF:5432.8/15

Left: 12.392 $\pm$ 0.011 χ^2 /NDF: 38001.2/32

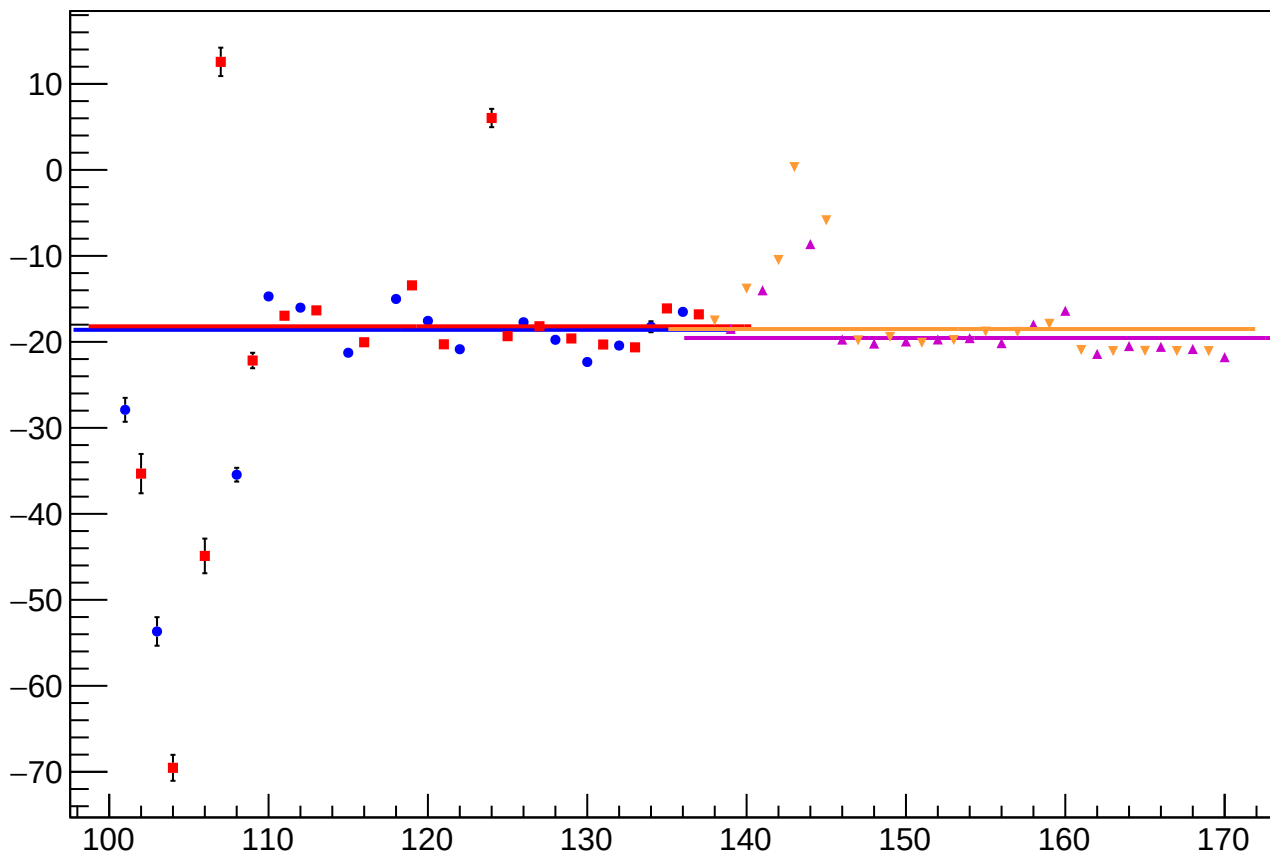
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.608 $\pm$ 0.013 χ^2 /NDF:9164.2/30

Out: 11.599 $\pm$ 0.016 χ^2 /NDF:36816.5/34

All: 12.191 $\pm$ 0.010 χ^2 /NDF: 48442.4/65

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -18.504 ± 0.019 $\chi^2/\text{NDF}: 52432.4/16$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.547 ± 0.018 $\chi^2/\text{NDF}: 11139.5/15$

Left: -19.058 ± 0.013 $\chi^2/\text{NDF}: 65217.7/32$

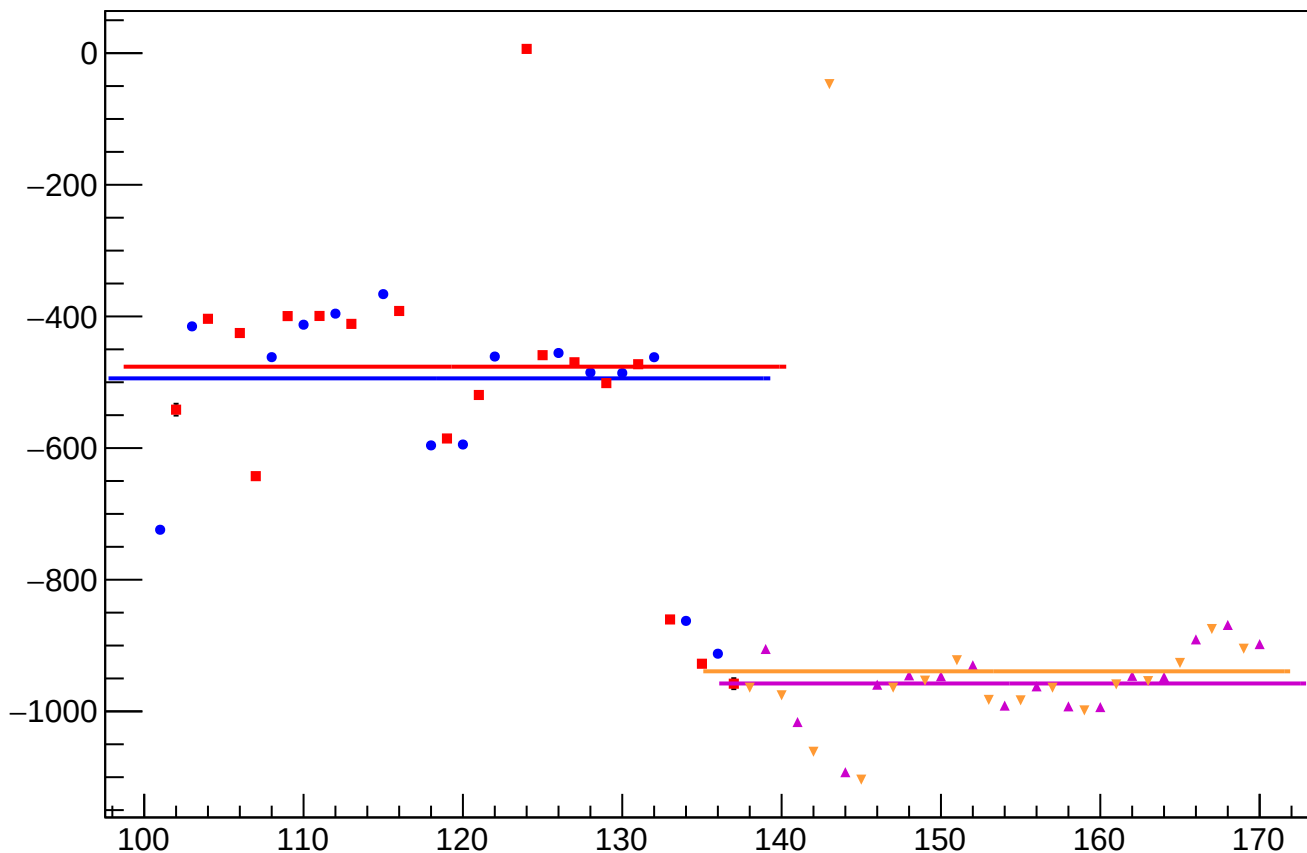
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.373 ± 0.016 $\chi^2/\text{NDF}: 17862.8/30$

Out: -18.464 ± 0.018 $\chi^2/\text{NDF}: 57348.9/34$

All: -18.962 ± 0.012 $\chi^2/\text{NDF}: 76684.1/65$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -939.147 $\pm$ 0.179 χ^2 /NDF: 346014.8/16

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -957.617 $\pm$ 0.178 χ^2 /NDF: 61731.6/15

Left: -948.422 $\pm$ 0.126 χ^2 /NDF: 413080.8/32

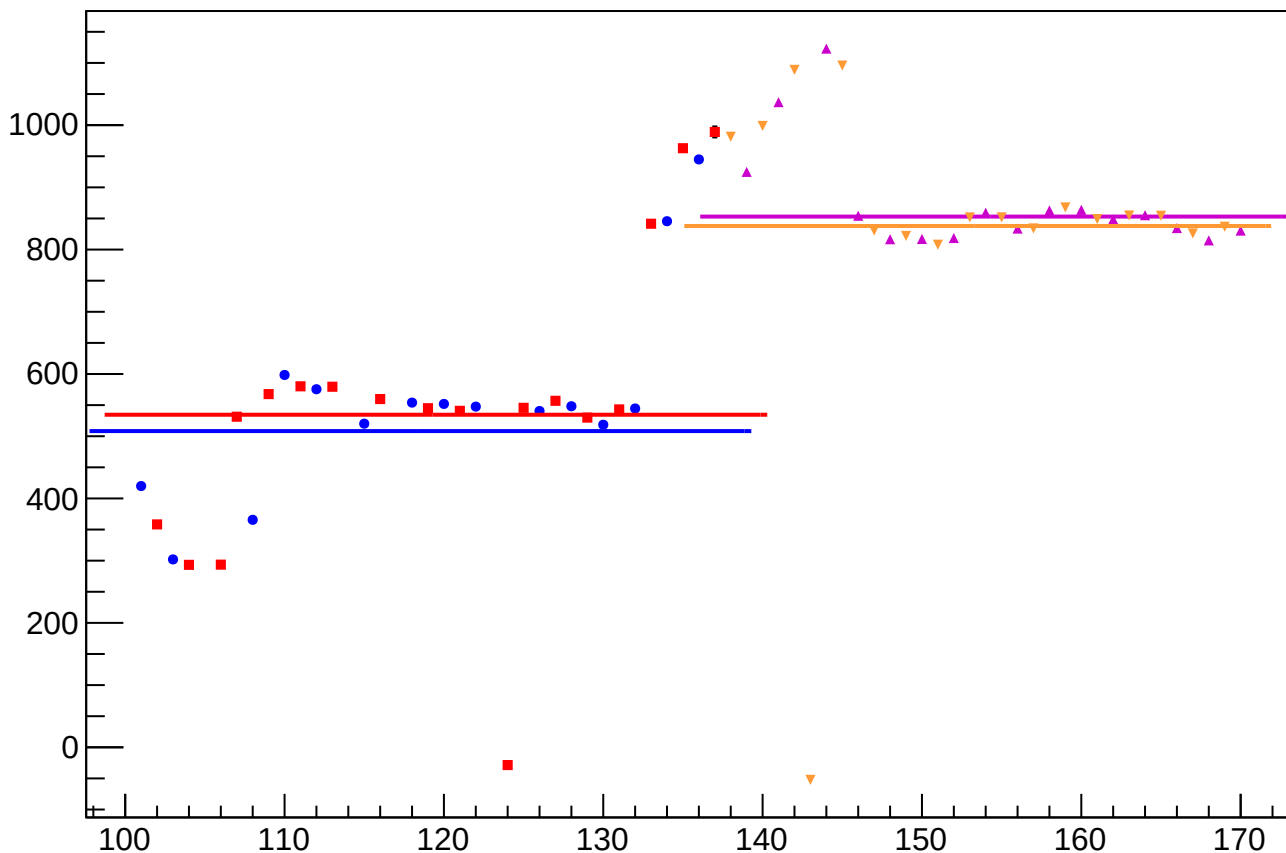
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -785.433 $\pm$ 0.141 χ^2 /NDF: 2894750.7/30

Out: -715.273 $\pm$ 0.129 χ^2 /NDF: 4166475.7/34

All: -747.063 $\pm$ 0.095 χ^2 /NDF: 7195757.2/65

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 837.903 $\pm$ 0.146 χ^2 /NDF:415859.5/16

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 853.056 $\pm$ 0.146 χ^2 /NDF:94810.5/15

Left: 845.505 $\pm$ 0.103 χ^2 /NDF: 516048.3/32

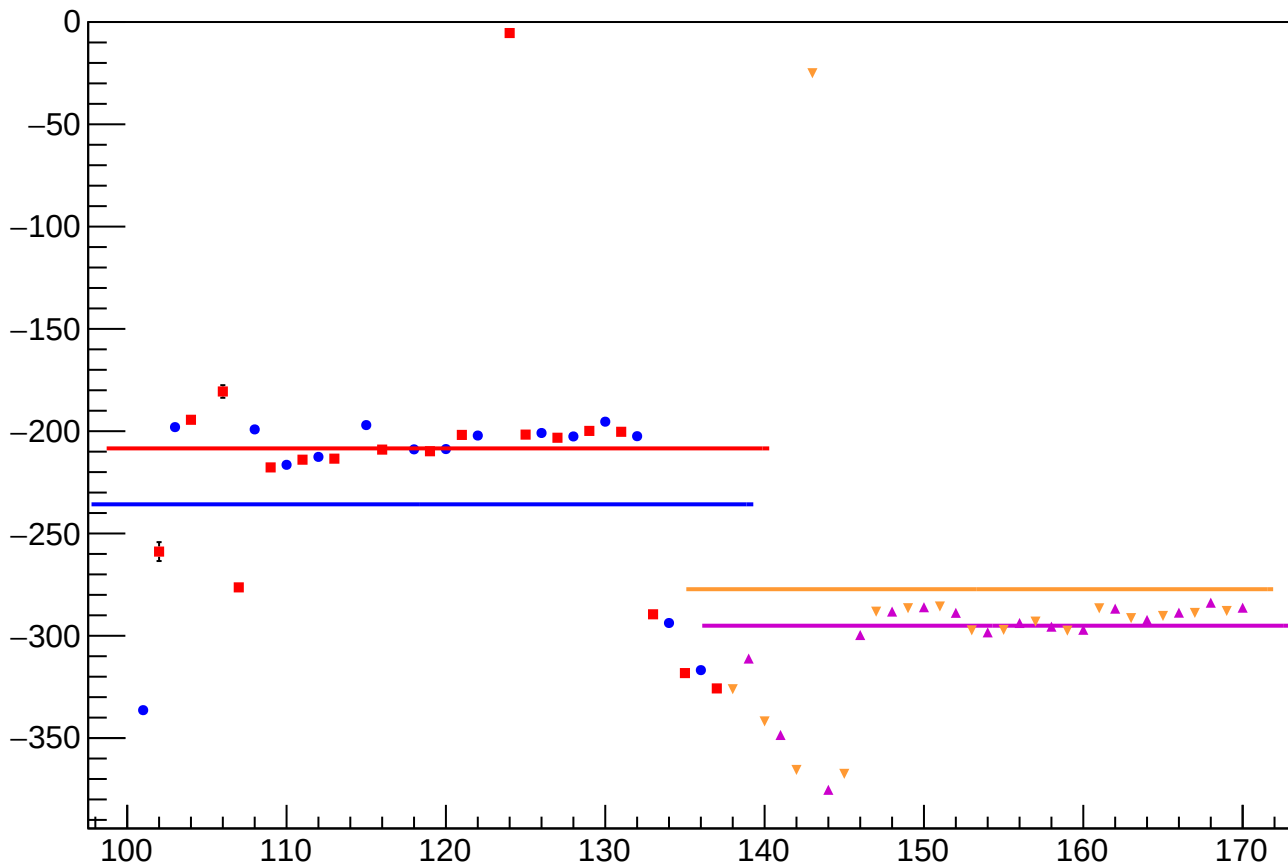
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 748.887 $\pm$ 0.122 χ^2 /NDF:2222685.2/30

Out: 743.164 $\pm$ 0.121 χ^2 /NDF:2126041.9/34

All: 746.014 $\pm$ 0.086 χ^2 /NDF: 4349834.4/65

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -277.238+/-0.025 χ^2/NDF : 6372915.3/16

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -295.077+/-0.025 χ^2/NDF : 267094.1/15

Left: -286.028+/-0.018 χ^2/NDF : 6889378.8/32

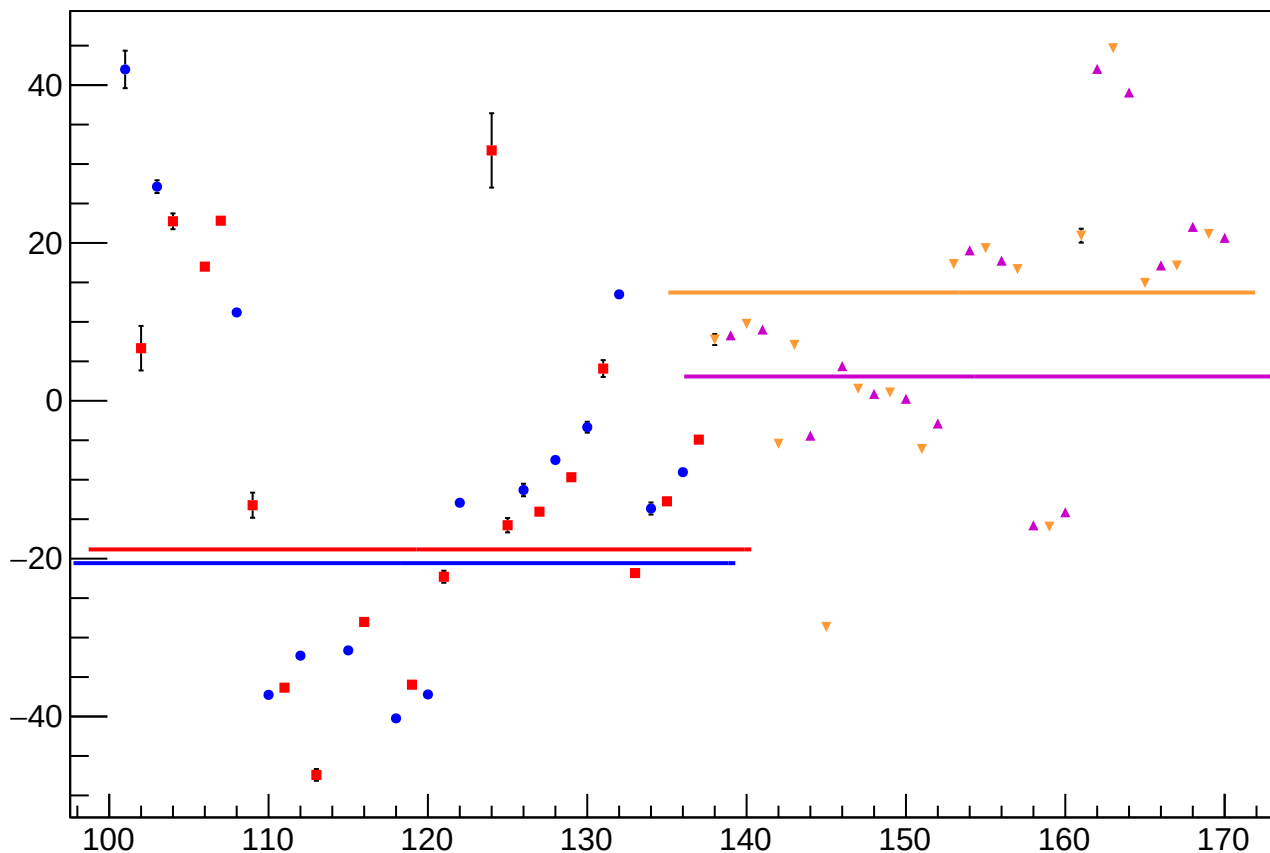
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.688+/-0.023 χ^2/NDF : 2095408.9/30

Out: -261.859+/-0.022 χ^2/NDF : 8431365.8/34

All: -272.763+/-0.016 χ^2/NDF : 11036618.2/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 13.722 ± 0.025 χ^2/NDF : 452067.5/16

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 3.079 ± 0.021 χ^2/NDF : 674341.2/15

Left: 7.603 ± 0.016 χ^2/NDF : 1233131.0/32

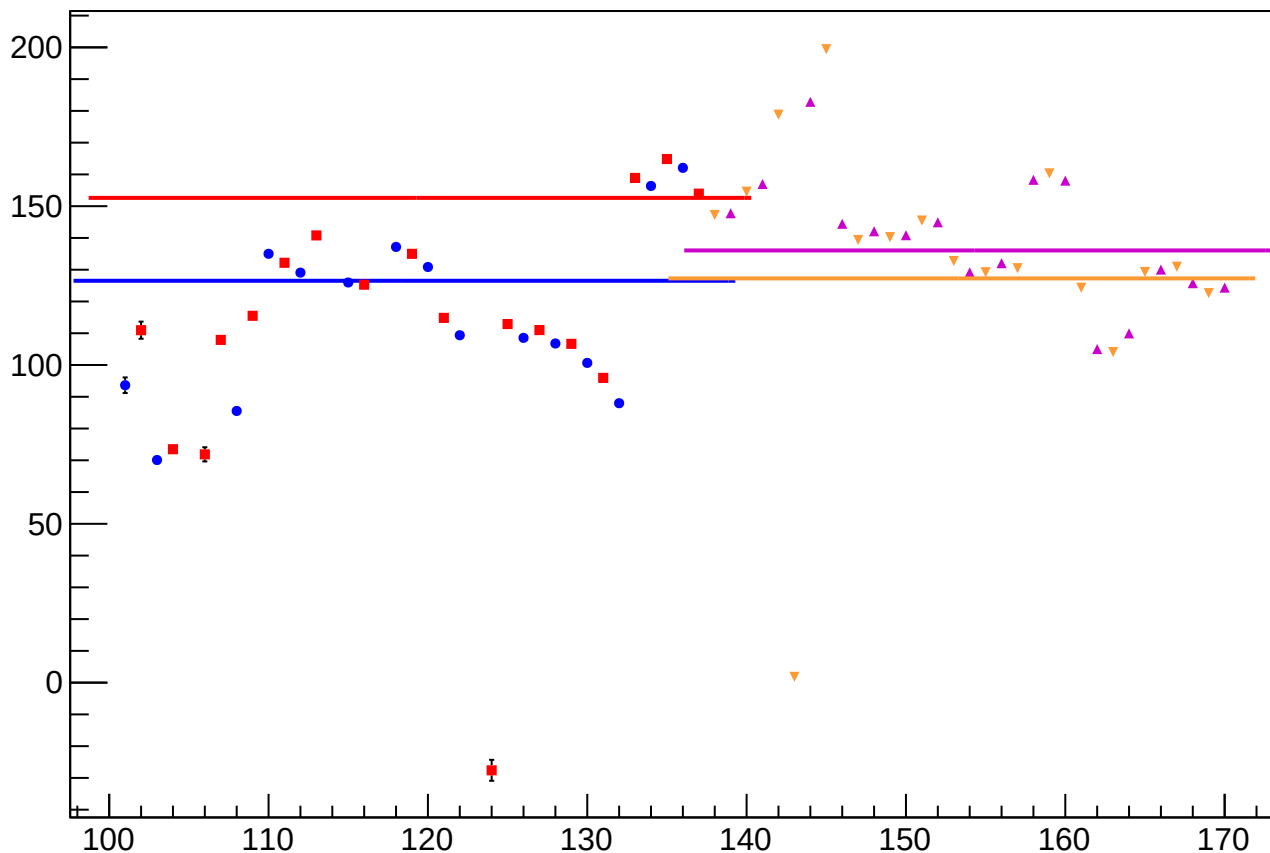
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 1.154 ± 0.020 χ^2/NDF : 838689.9/30

Out: 12.104 ± 0.024 χ^2/NDF : 559247.1/34

All: 5.717 ± 0.016 χ^2/NDF : 1518530.4/65

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2/NDF : 114967.3/14

Left Out: 127.266 $\pm$ 0.030 χ^2/NDF : 608247.9/16

Right Out: 152.620 $\pm$ 0.030 χ^2/NDF : 74022.9/17

Left In: 136.065 $\pm$ 0.028 χ^2/NDF : 372377.3/15

Left: 131.995 $\pm$ 0.020 χ^2/NDF : 1026552.6/32

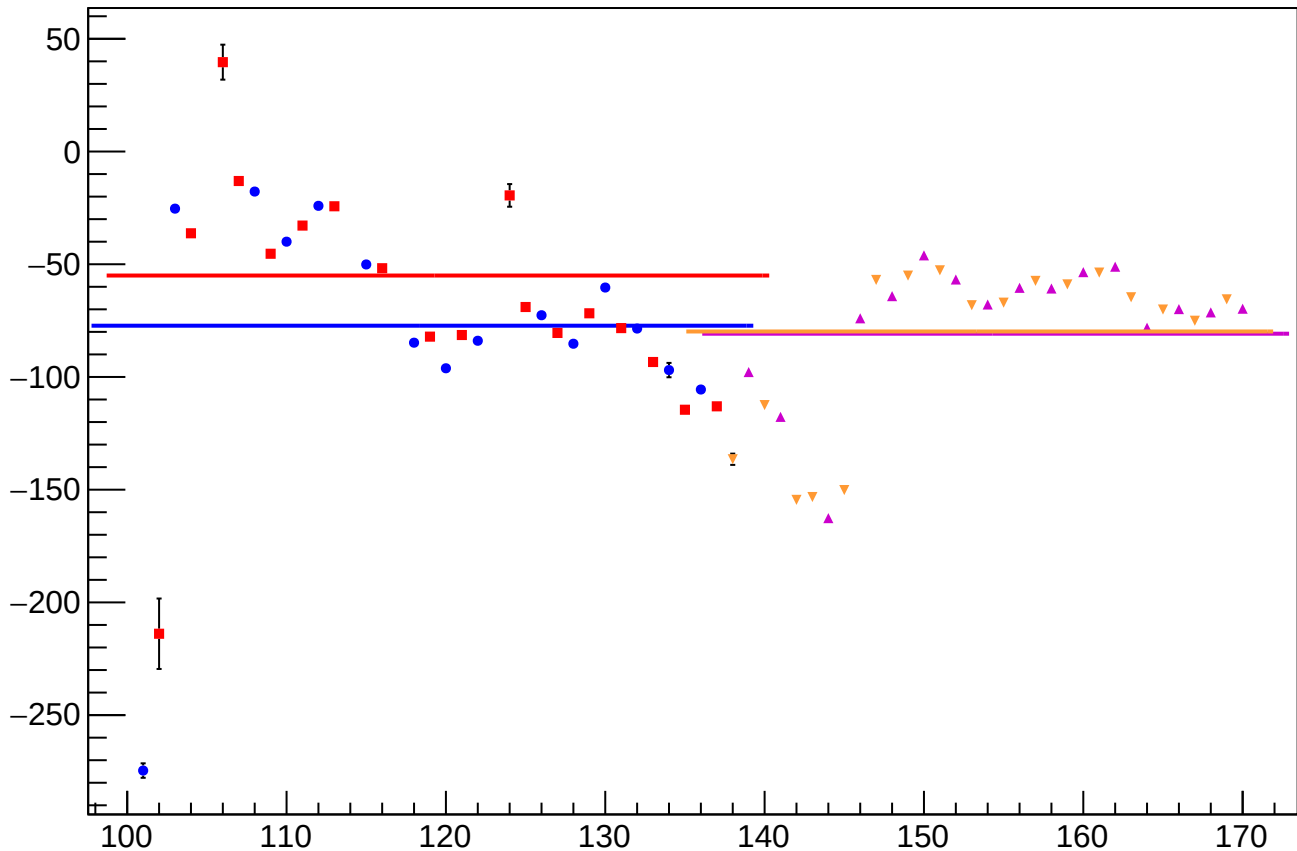
Right: 149.605 $\pm$ 0.029 χ^2/NDF : 274404.9/32

In: 135.115 $\pm$ 0.026 χ^2/NDF : 498978.6/30

Out: 139.837 $\pm$ 0.021 χ^2/NDF : 1034085.1/34

All: 137.976 $\pm$ 0.017 χ^2/NDF : 1552305.4/65

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -79.824 ± 0.138 $\chi^2/\text{NDF}: 58074.3/16$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -80.811 ± 0.134 $\chi^2/\text{NDF}: 59053.3/15$

Left: -80.332 ± 0.096 $\chi^2/\text{NDF}: 117153.9/32$

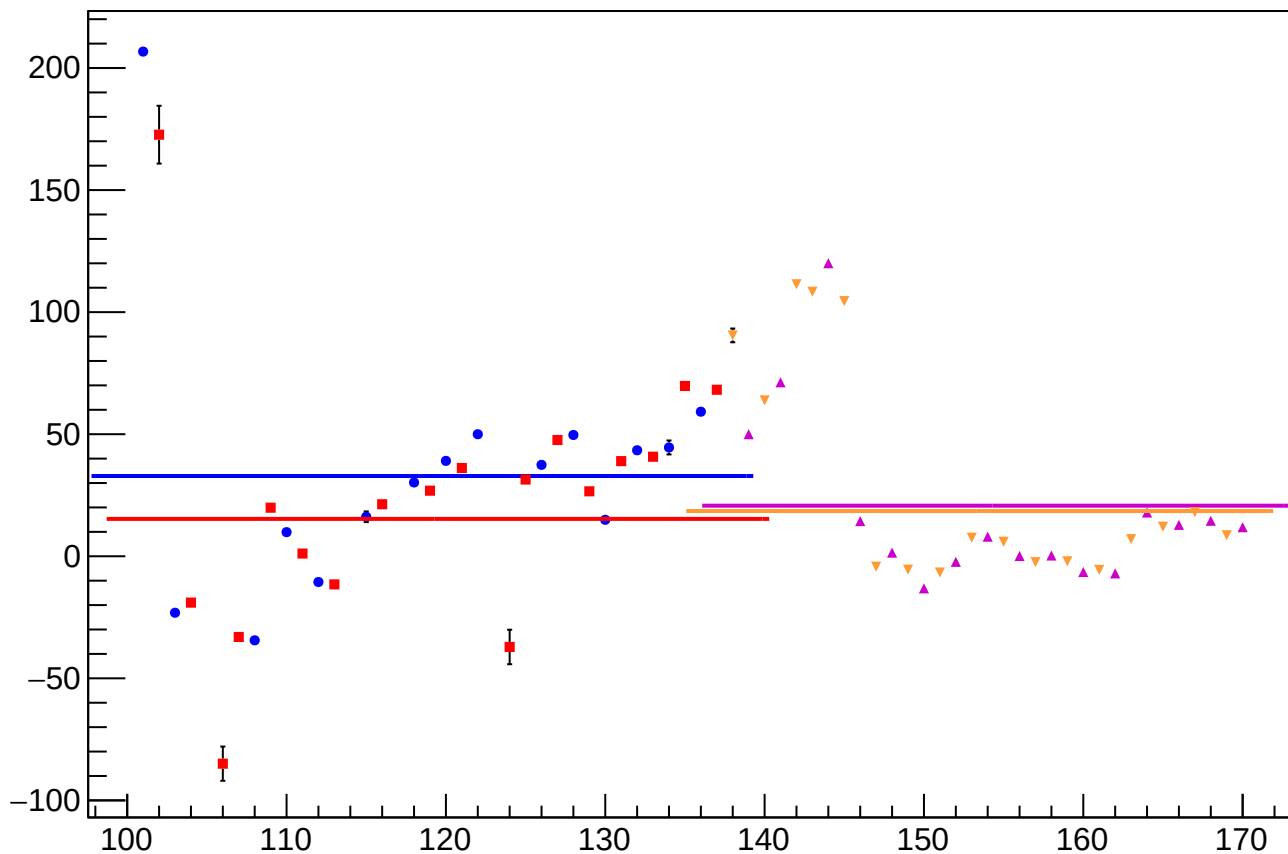
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -79.189 ± 0.099 $\chi^2/\text{NDF}: 89728.6/30$

Out: -71.252 ± 0.112 $\chi^2/\text{NDF}: 92842.5/34$

All: -75.702 ± 0.074 $\chi^2/\text{NDF}: 185395.9/65$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 18.536 $\pm$ 0.120 χ^2/NDF : 89660.2/16

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 20.717 $\pm$ 0.118 χ^2/NDF : 87815.5/15

Left: 19.649 $\pm$ 0.084 χ^2/NDF : 177644.0/32

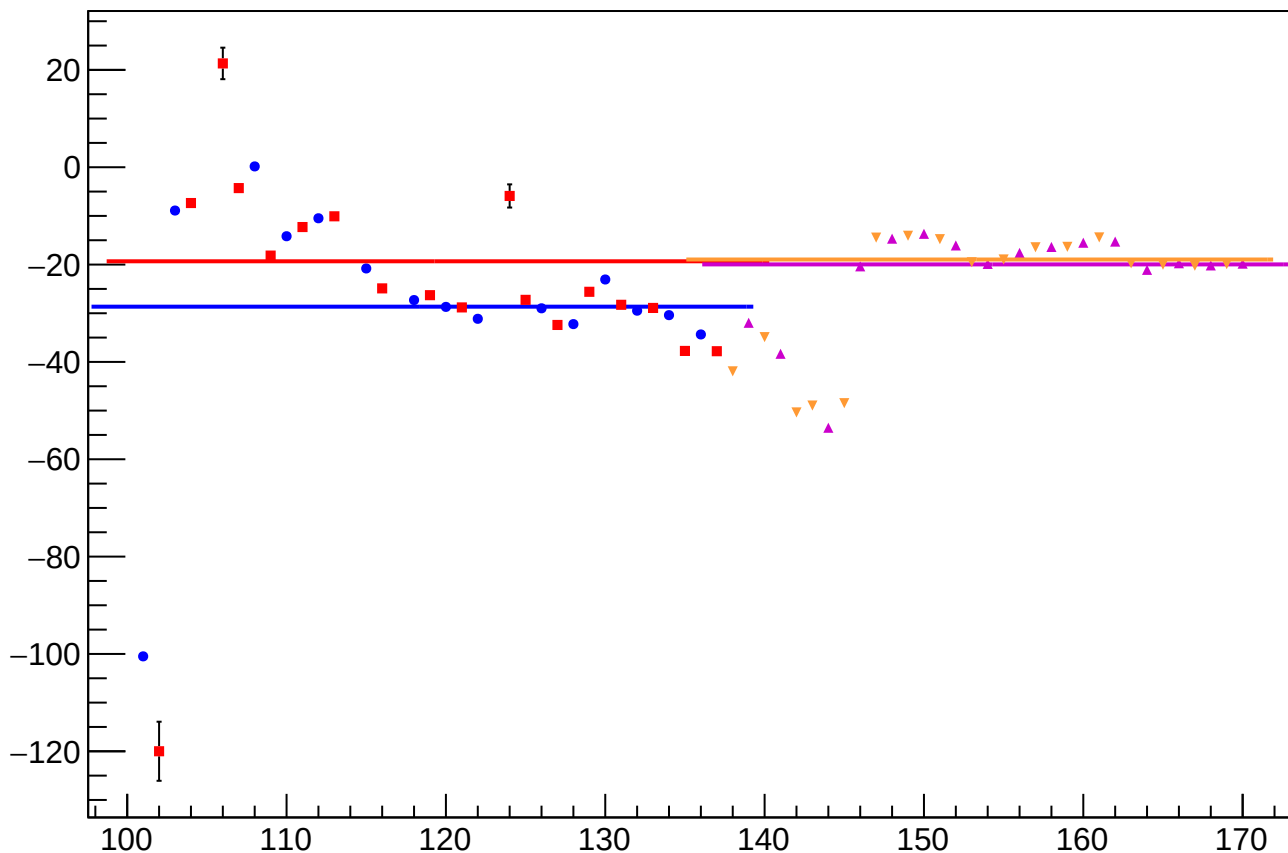
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 25.499 $\pm$ 0.092 χ^2/NDF : 123409.5/30

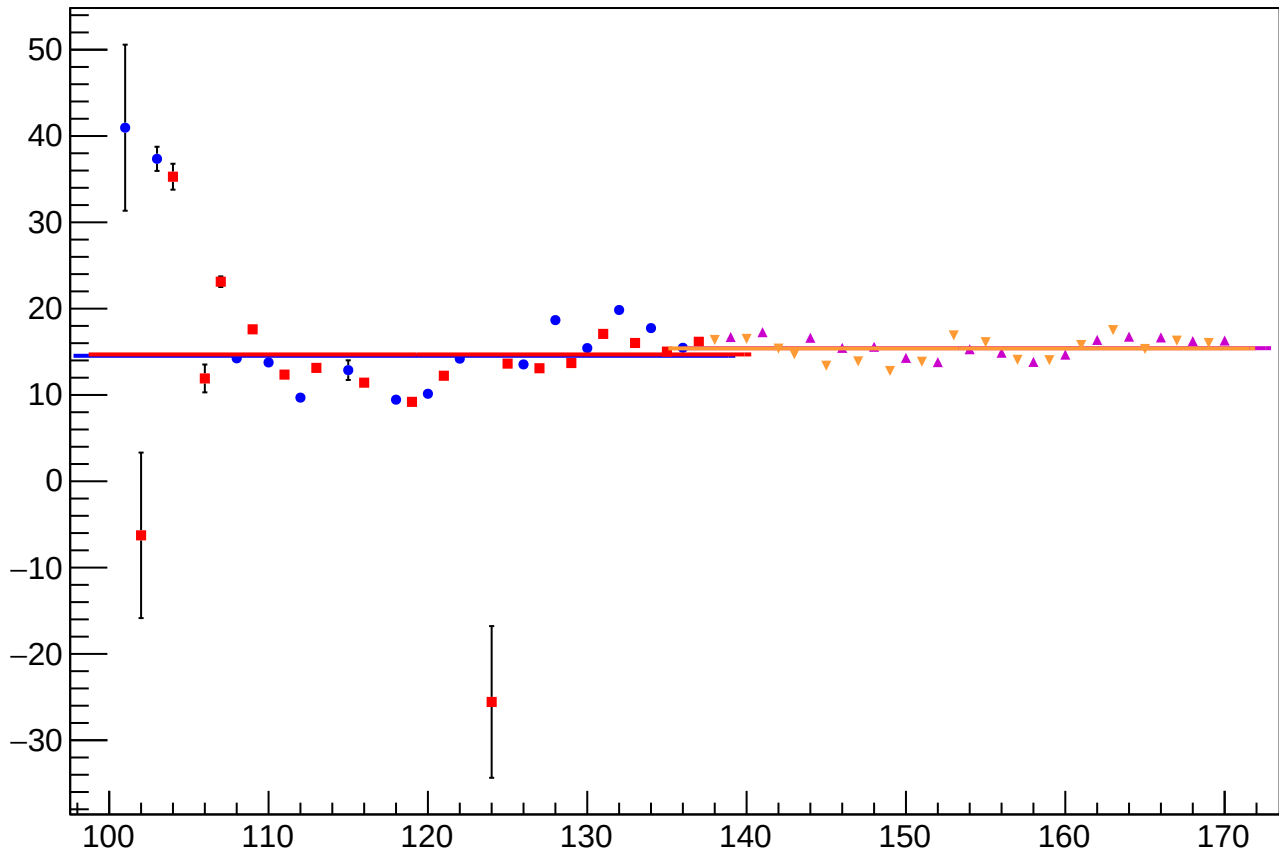
Out: 17.739 $\pm$ 0.104 χ^2/NDF : 106584.5/34

All: 22.116 $\pm$ 0.069 χ^2/NDF : 233122.8/65

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.394+/-0.015 χ^2 /NDF:6825.6/16

Right Out: 14.695+/-0.044 χ^2 /NDF: 1633.0/17

Left In: 15.420+/-0.016 χ^2 /NDF:4879.7/15

Left: 15.407+/-0.011 χ^2 /NDF: 11706.7/32

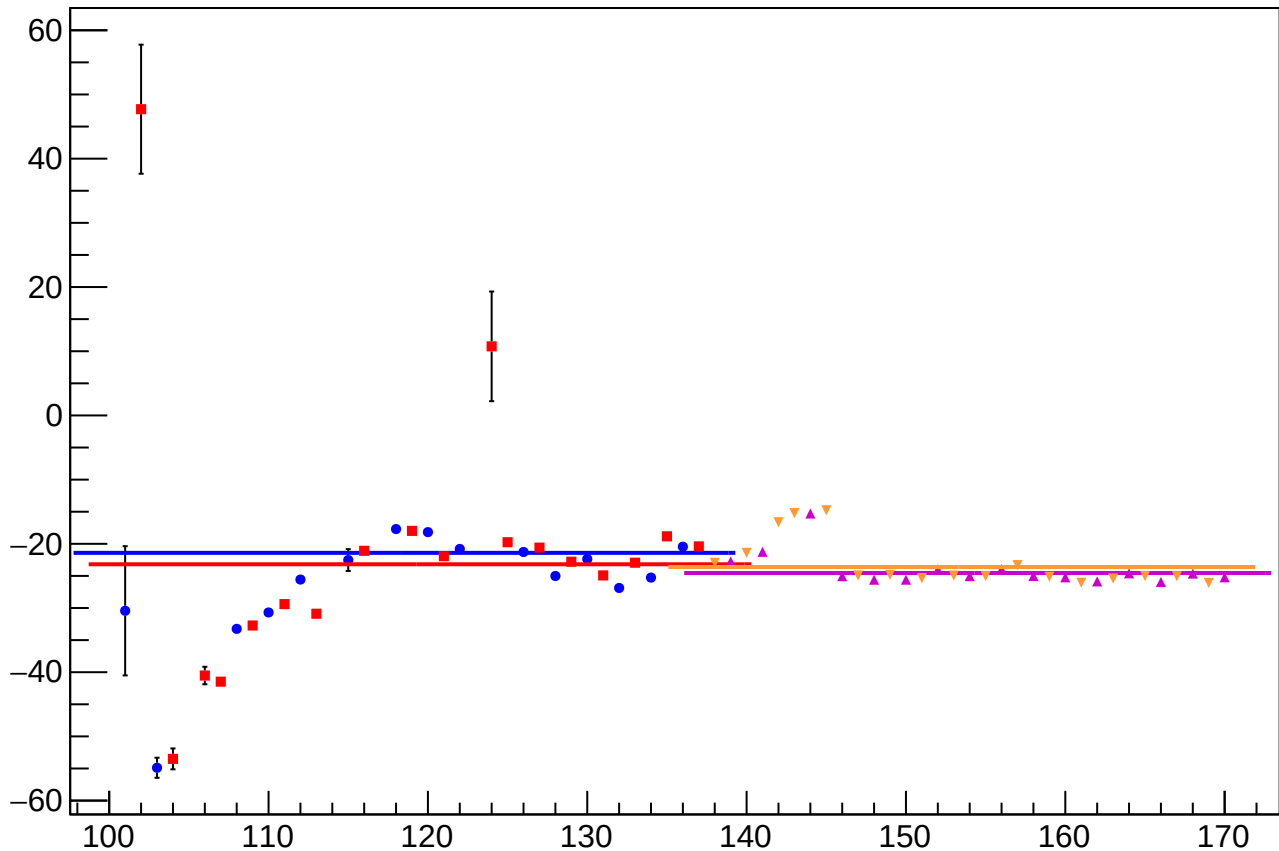
Right: 14.589+/-0.025 χ^2 /NDF: 13713.5/32

In: 15.232+/-0.014 χ^2 /NDF:17639.0/30

Out: 15.316+/-0.015 χ^2 /NDF:8687.9/34

All: 15.272+/-0.010 χ^2 /NDF: 26344.4/65

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.611 ± 0.019 $\chi^2/\text{NDF}: 33325.4/16$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.547 ± 0.019 $\chi^2/\text{NDF}: 8014.5/15$

Left: -24.090 ± 0.013 $\chi^2/\text{NDF}: 42572.9/32$

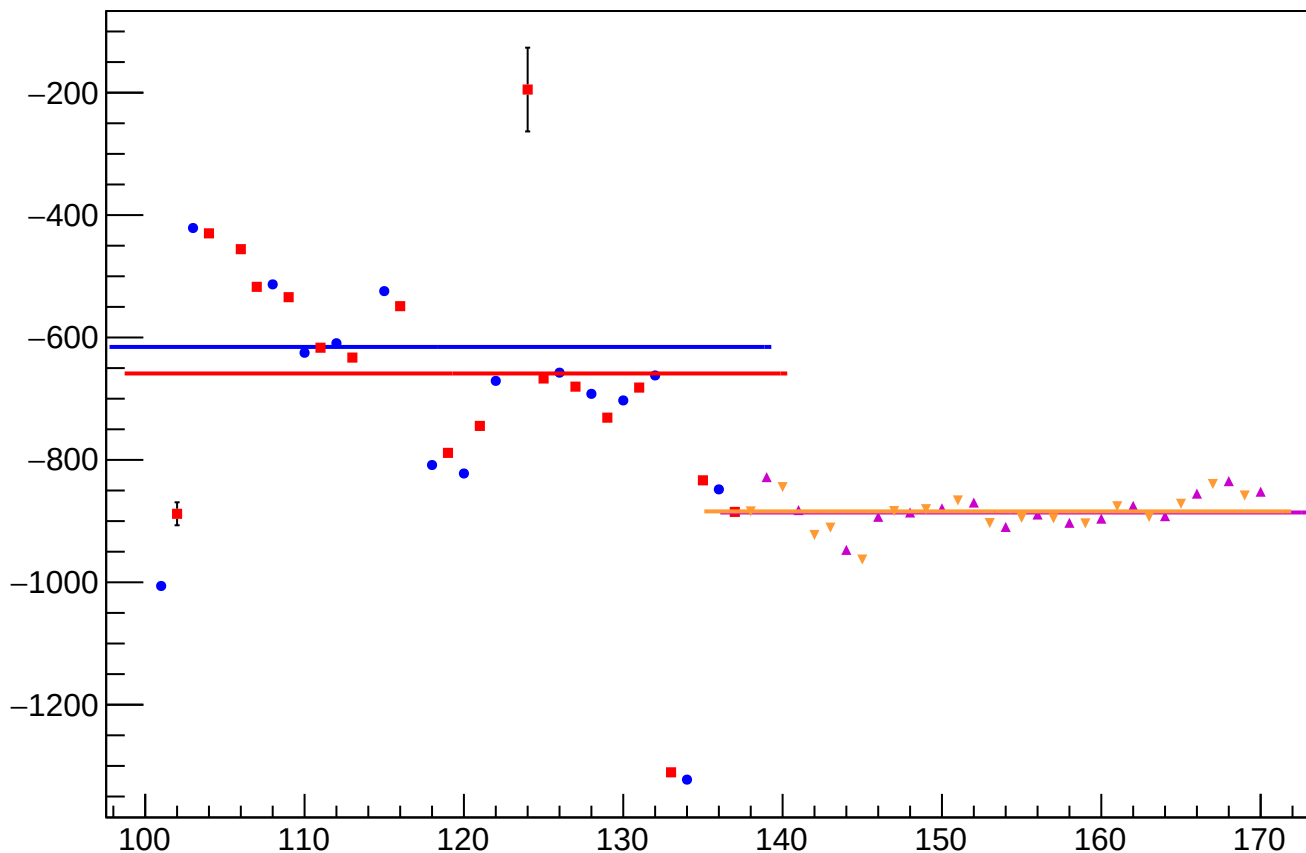
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.871 ± 0.017 $\chi^2/\text{NDF}: 23819.5/30$

Out: -23.559 ± 0.018 $\chi^2/\text{NDF}: 42513.0/34$

All: -23.727 ± 0.012 $\chi^2/\text{NDF}: 66496.3/65$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -884.144 ± 0.152 $\chi^2/\text{NDF}: 23602.0/16$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -885.913 ± 0.143 $\chi^2/\text{NDF}: 23231.0/15$

Left: -885.087 ± 0.104 $\chi^2/\text{NDF}: 46904.9/32$

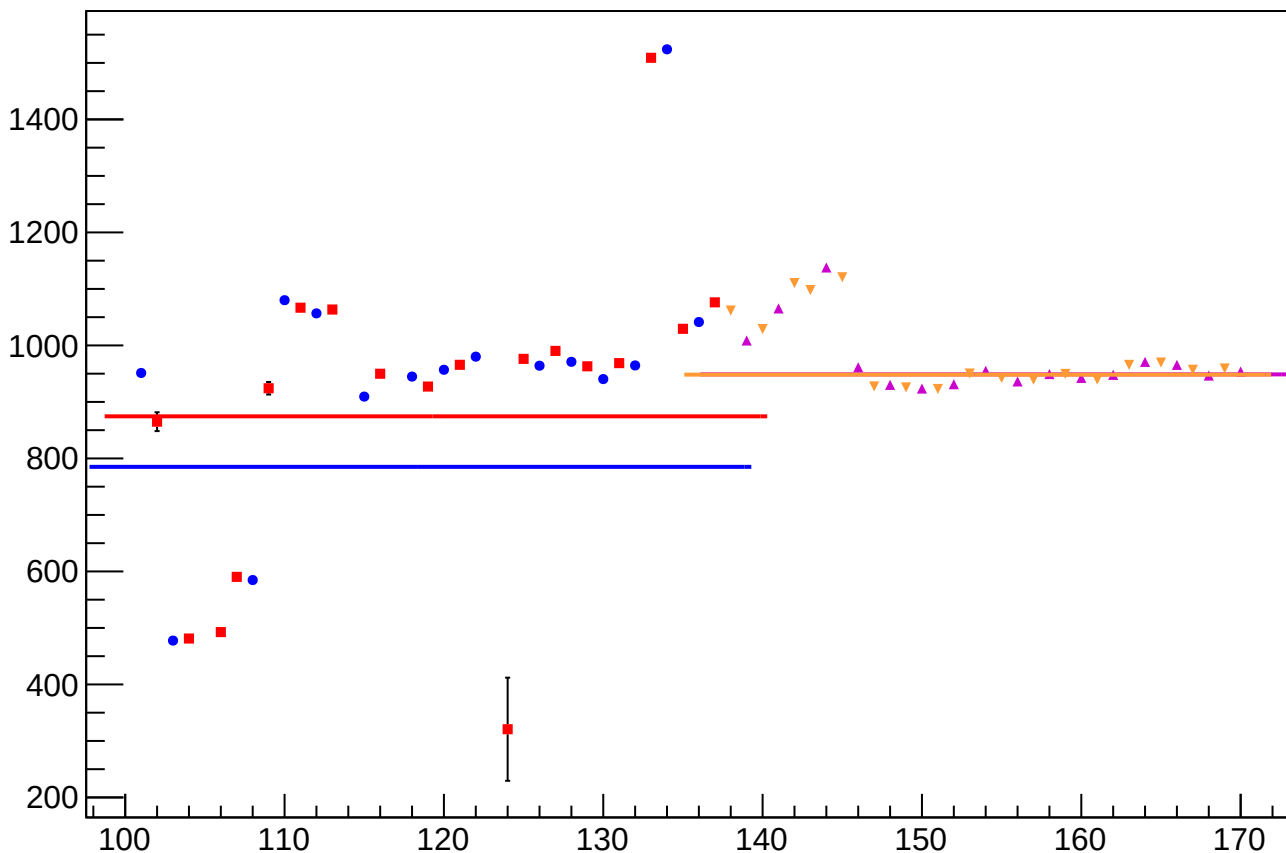
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -814.225 ± 0.122 $\chi^2/\text{NDF}: 1358599.2/30$

Out: -825.283 ± 0.131 $\chi^2/\text{NDF}: 980067.8/34$

All: -819.377 ± 0.089 $\chi^2/\text{NDF}: 2342474.2/65$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 948.278 $\pm$ 0.125 χ^2 /NDF: 71437.7/16

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 948.765 $\pm$ 0.118 χ^2 /NDF: 75319.1/15

Left: 948.536 $\pm$ 0.086 χ^2 /NDF: 146764.8/32

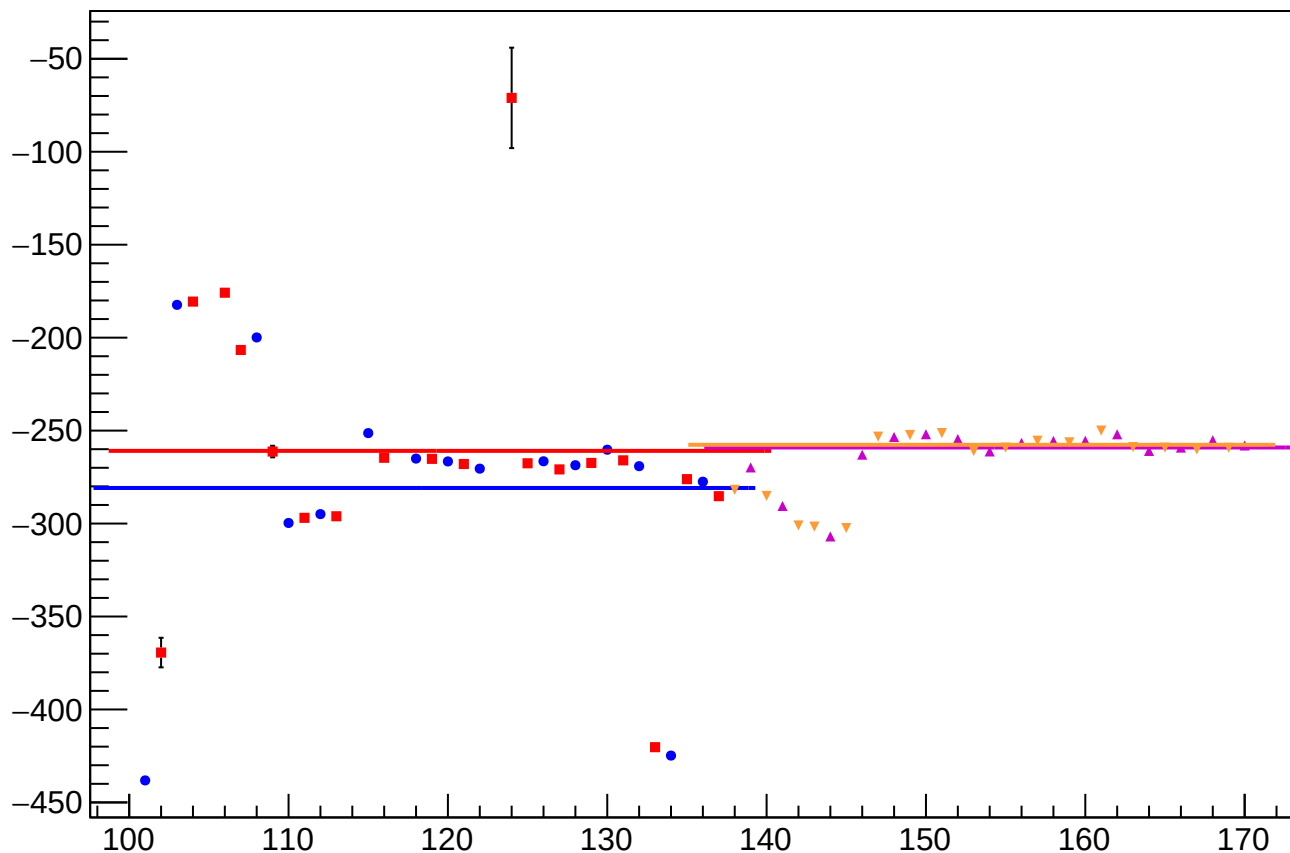
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 914.415 $\pm$ 0.104 χ^2 /NDF: 1368485.6/30

Out: 934.537 $\pm$ 0.113 χ^2 /NDF: 978865.0/34

All: 923.709 $\pm$ 0.077 χ^2 /NDF: 2364486.6/65

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.627 ± 0.021 $\chi^2/\text{NDF}: 169478.1/16$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.084 ± 0.021 $\chi^2/\text{NDF}: 188233.8/15$

Left: -258.368 ± 0.015 $\chi^2/\text{NDF}: 360097.4/32$

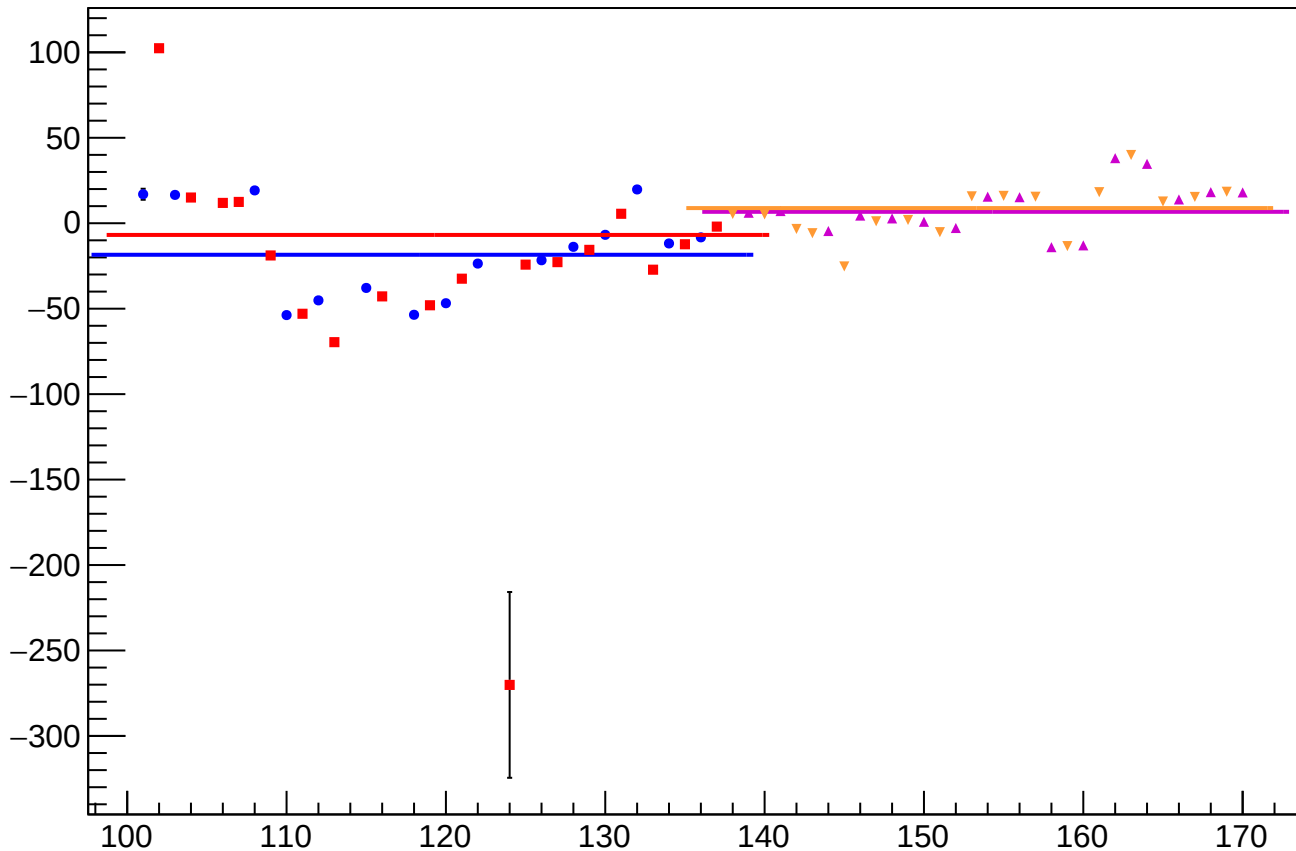
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.551 ± 0.020 $\chi^2/\text{NDF}: 1184521.5/30$

Out: -257.922 ± 0.020 $\chi^2/\text{NDF}: 519326.3/34$

All: -259.789 ± 0.014 $\chi^2/\text{NDF}: 1720321.2/65$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 8.862 ± 0.023 $\chi^2/\text{NDF}: 380294.1/16$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.679 ± 0.021 $\chi^2/\text{NDF}: 431893.6/15$

Left: 7.679 ± 0.015 $\chi^2/\text{NDF}: 817268.6/32$

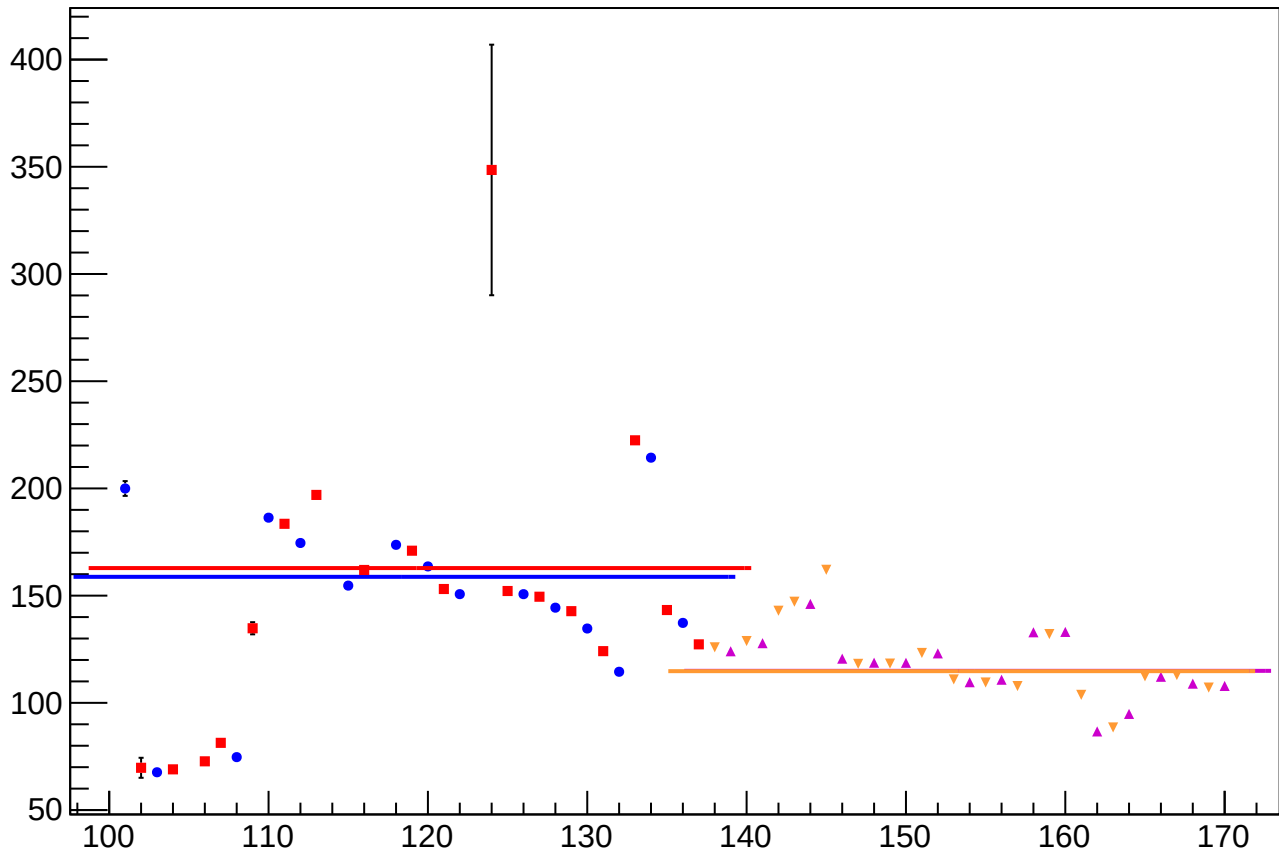
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 5.445 ± 0.020 $\chi^2/\text{NDF}: 550559.2/30$

Out: 7.155 ± 0.021 $\chi^2/\text{NDF}: 483043.0/34$

All: 6.256 ± 0.015 $\chi^2/\text{NDF}: 1036994.5/65$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 114.781 $\pm$ 0.026 χ^2 /NDF:216920.2/16

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 114.928 $\pm$ 0.023 χ^2 /NDF:297156.4/15

Left: 114.863 $\pm$ 0.017 χ^2 /NDF: 514094.8/32

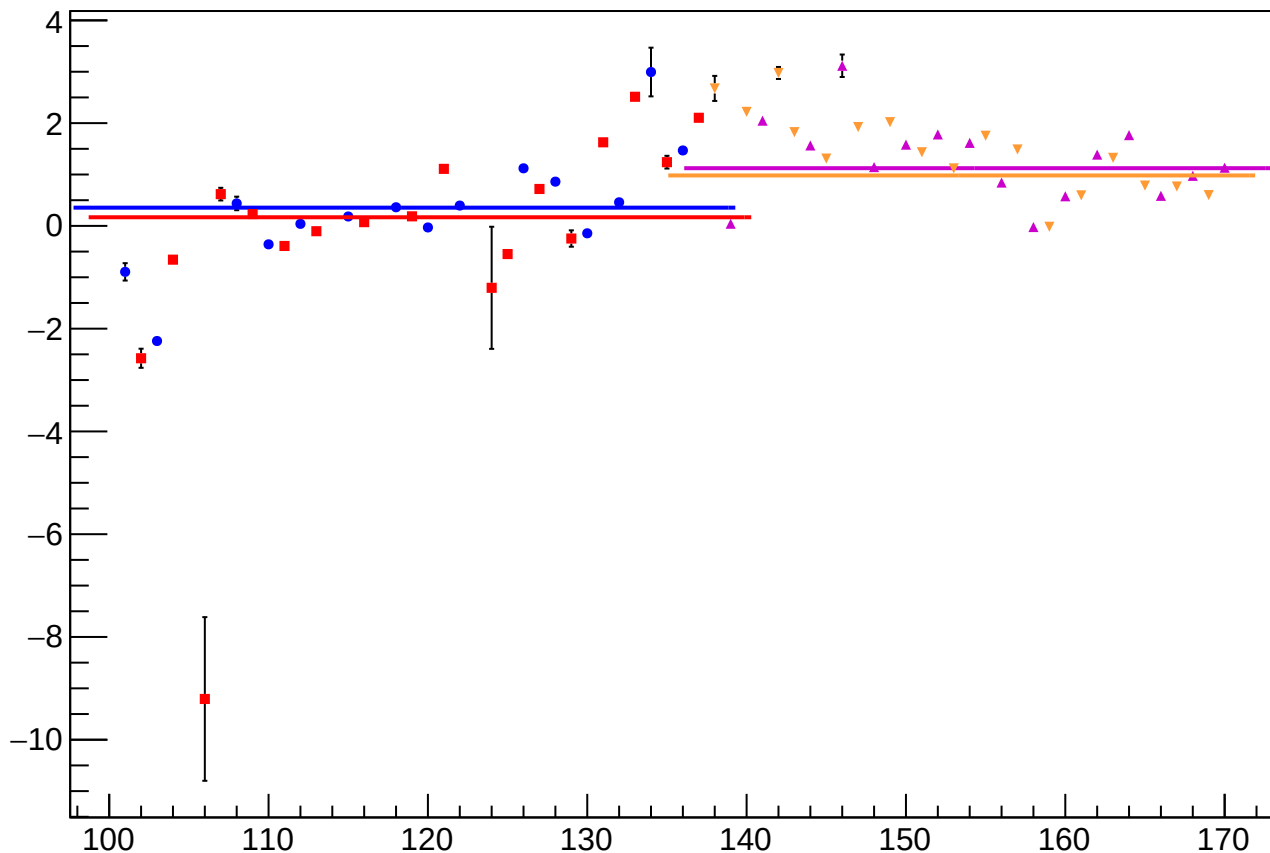
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 117.690 $\pm$ 0.022 χ^2 /NDF:687140.6/30

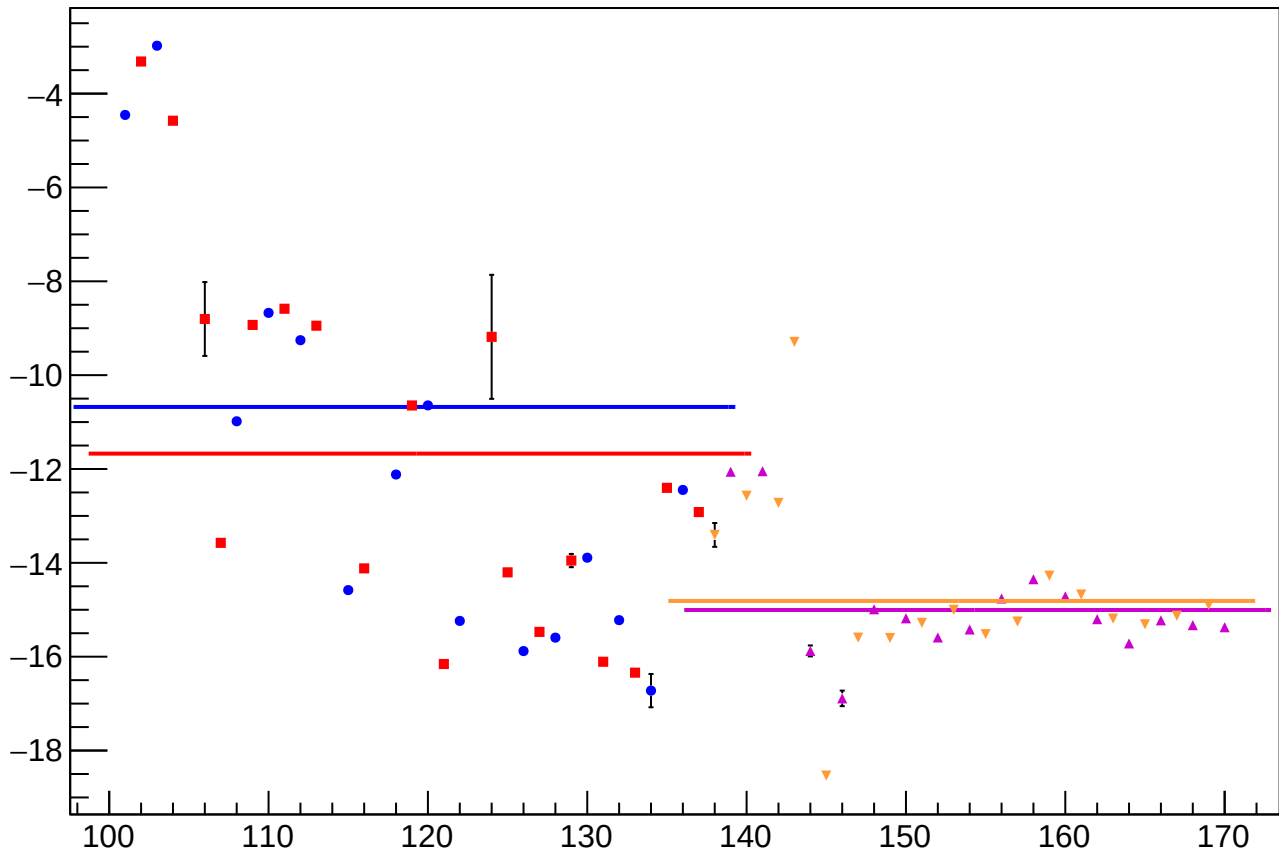
Out: 118.203 $\pm$ 0.025 χ^2 /NDF:619879.7/34

All: 117.917 $\pm$ 0.017 χ^2 /NDF: 1307257.4/65

dit_sam1_4aX_slope vs Slug, Sign Corrected



dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.812 ± 0.007 $\chi^2/\text{NDF}: 30589.4/16$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.005 ± 0.007 $\chi^2/\text{NDF}: 12660.6/15$

Left: -14.918 ± 0.005 $\chi^2/\text{NDF}: 43620.6/32$

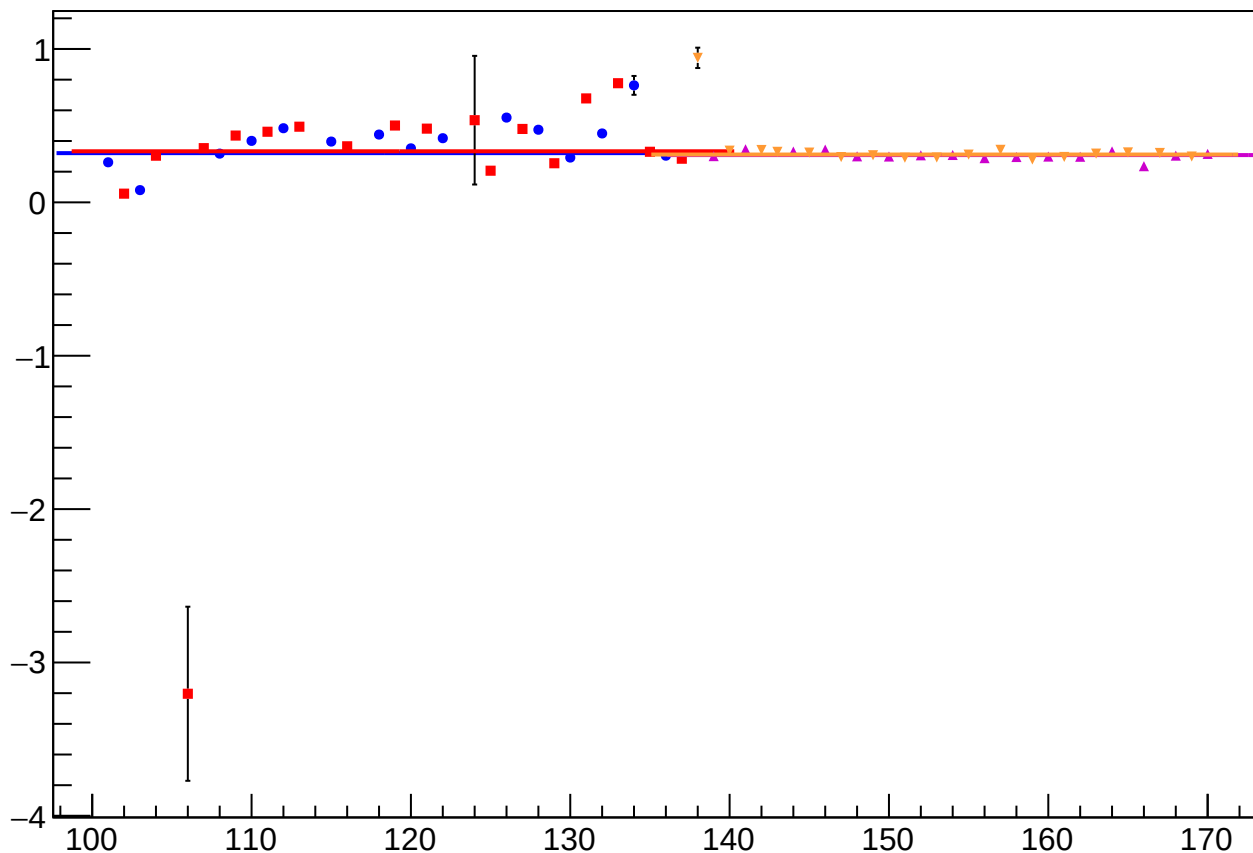
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.705 ± 0.006 $\chi^2/\text{NDF}: 363469.7/30$

Out: -13.897 ± 0.006 $\chi^2/\text{NDF}: 189990.9/34$

All: -13.791 ± 0.004 $\chi^2/\text{NDF}: 553977.8/65$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF : 4558.4/16

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2601.8/15

Left: 0.310+/-0.000 χ^2/NDF : 7249.5/32

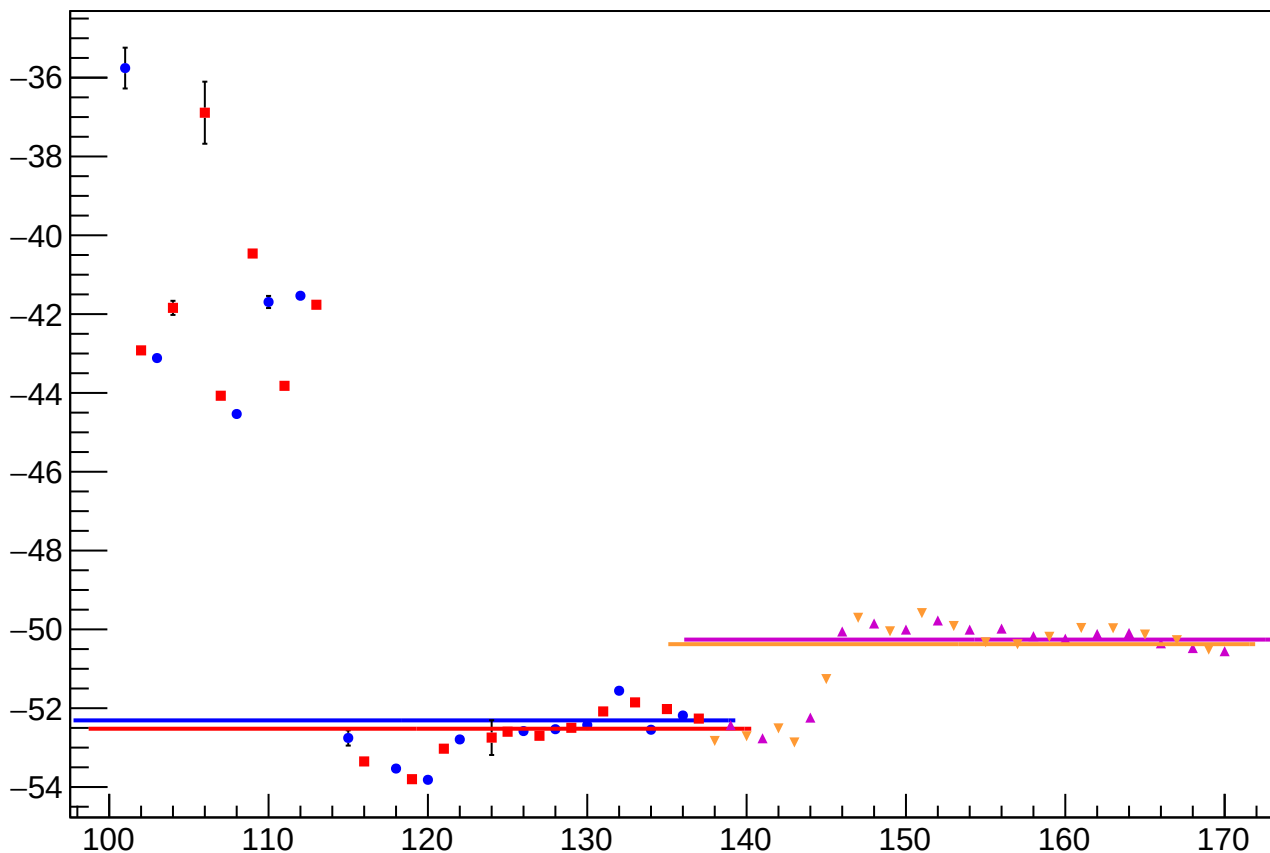
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6788.5/30

Out: 0.313+/-0.000 χ^2/NDF : 9004.8/34

All: 0.311+/-0.000 χ^2/NDF : 15883.1/65

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.375 ± 0.002 χ^2/NDF : 227414.9/16

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.259 ± 0.001 χ^2/NDF : 162953.6/15

Left: -50.306 ± 0.001 χ^2/NDF : 393153.4/32

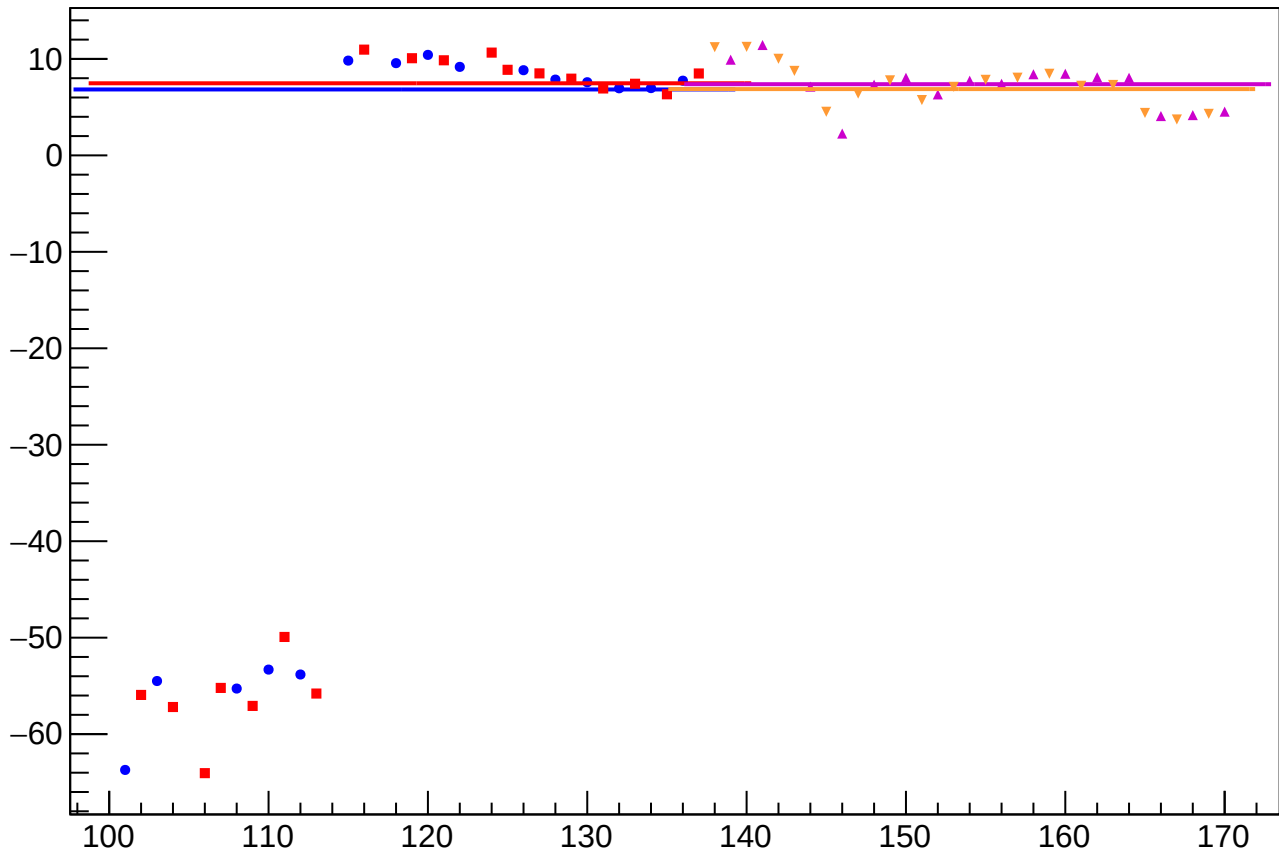
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.448 ± 0.001 χ^2/NDF : 412259.9/30

Out: -50.632 ± 0.002 χ^2/NDF : 495077.7/34

All: -50.524 ± 0.001 χ^2/NDF : 915189.0/65

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.871 ± 0.004 $\chi^2/\text{NDF}: 282215.7/16$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.379 ± 0.004 $\chi^2/\text{NDF}: 143952.8/15$

Left: 7.145 ± 0.003 $\chi^2/\text{NDF}: 435418.8/32$

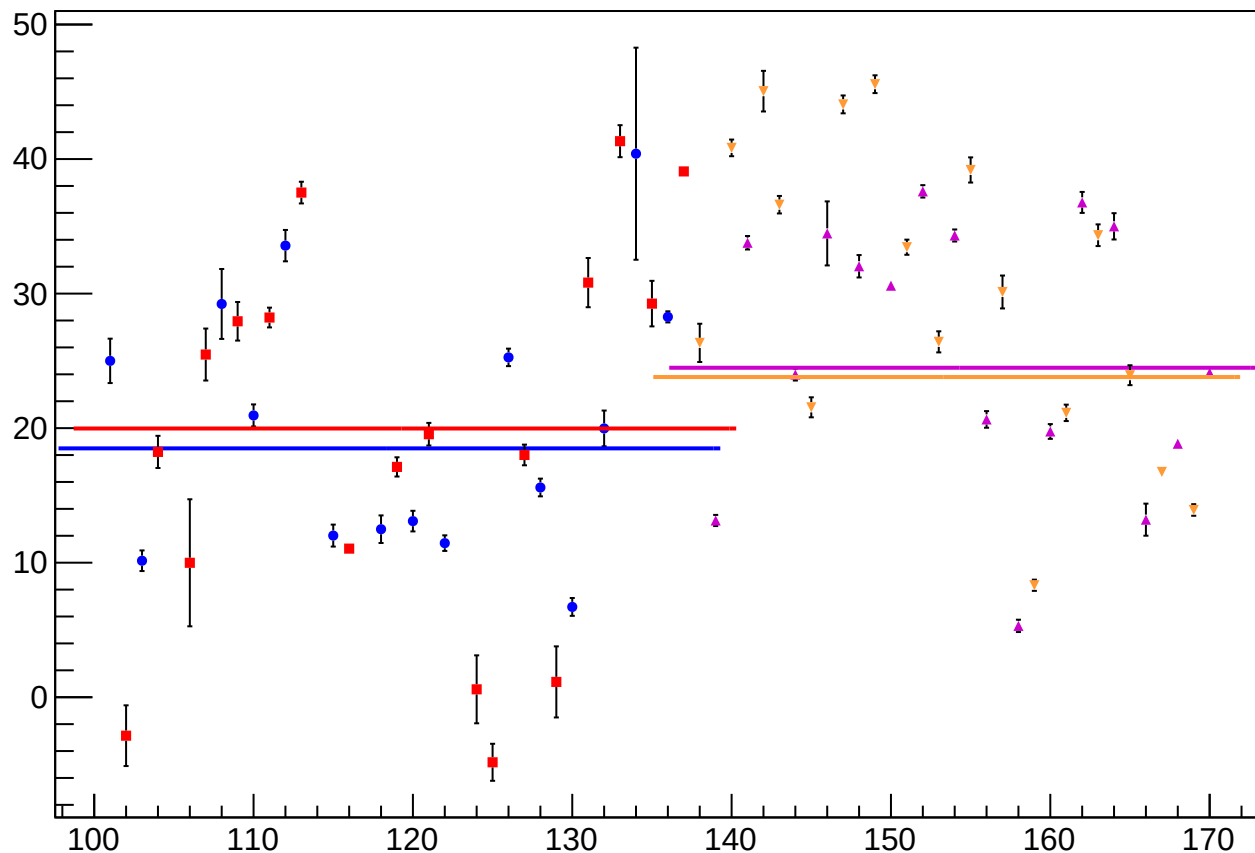
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.197 ± 0.003 $\chi^2/\text{NDF}: 1142256.8/30$

Out: 6.960 ± 0.004 $\chi^2/\text{NDF}: 1481298.2/34$

All: 7.102 ± 0.002 $\chi^2/\text{NDF}: 2626168.9/65$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 23.800 $\pm$ 0.141 χ^2/NDF : 6774.9/16

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 24.489 $\pm$ 0.118 χ^2/NDF : 5449.6/15

Left: 24.204 $\pm$ 0.091 χ^2/NDF : 12238.6/32

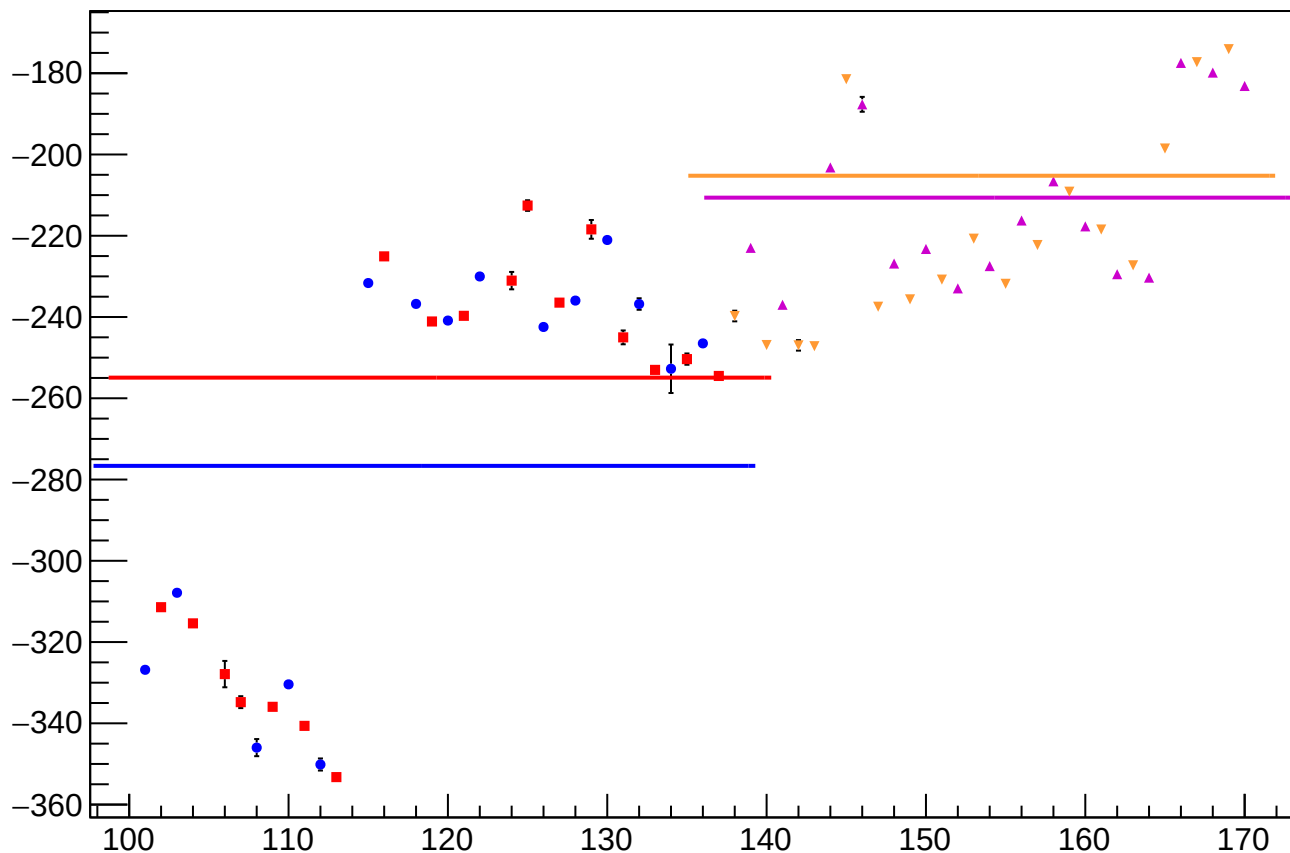
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 22.938 $\pm$ 0.102 χ^2/NDF : 7751.4/30

Out: 21.735 $\pm$ 0.096 χ^2/NDF : 16373.8/34

All: 22.299 $\pm$ 0.070 χ^2/NDF : 24199.3/65

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -205.229 ± 0.117 $\chi^2/\text{NDF}: 53925.6/16$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -210.622 ± 0.102 $\chi^2/\text{NDF}: 40249.5/15$

Left: -208.281 ± 0.077 $\chi^2/\text{NDF}: 95385.4/32$

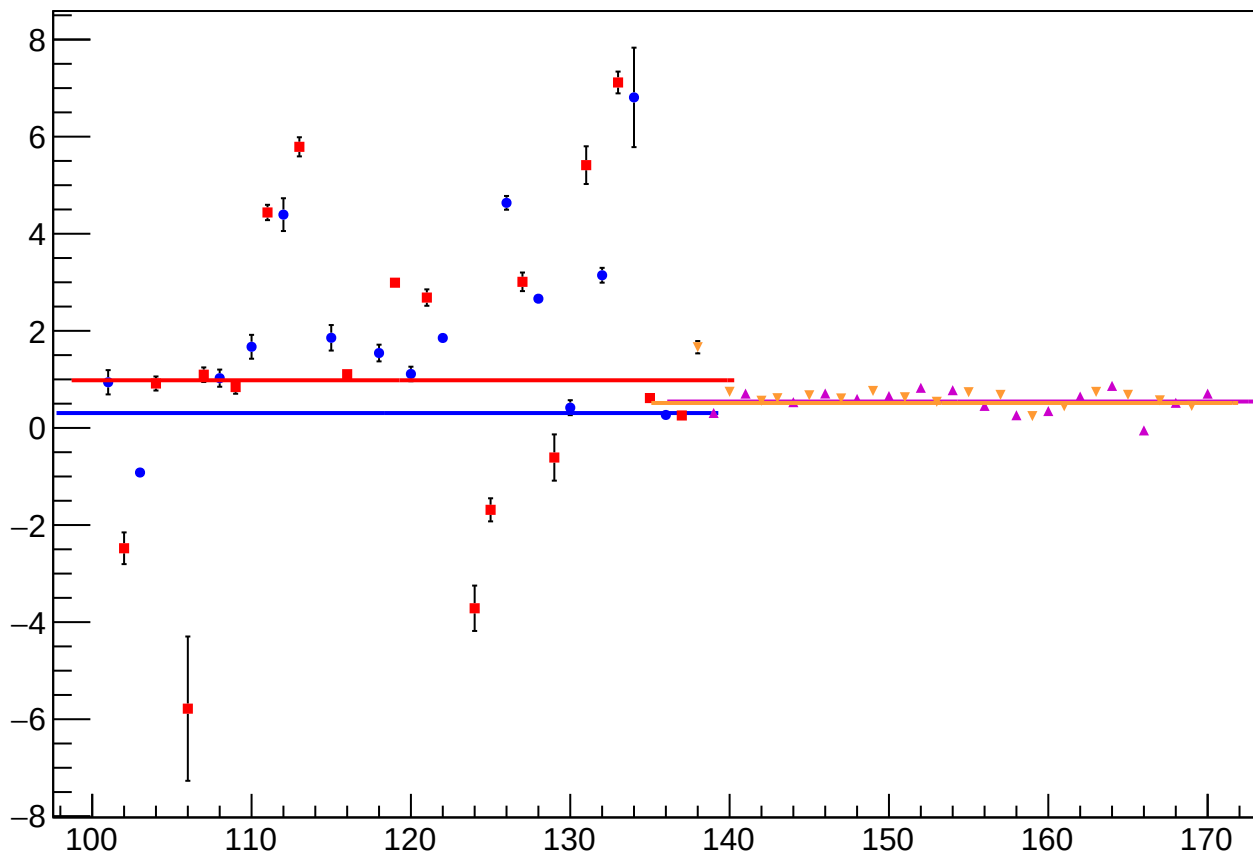
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -232.009 ± 0.084 $\chi^2/\text{NDF}: 252698.8/30$

Out: -241.420 ± 0.061 $\chi^2/\text{NDF}: 258104.9/34$

All: -238.185 ± 0.049 $\chi^2/\text{NDF}: 519045.7/65$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.514 ± 0.002 $\chi^2/\text{NDF}: 8336.0/16$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.544 ± 0.002 $\chi^2/\text{NDF}: 14103.2/15$

Left: 0.531 ± 0.001 $\chi^2/\text{NDF}: 22554.3/32$

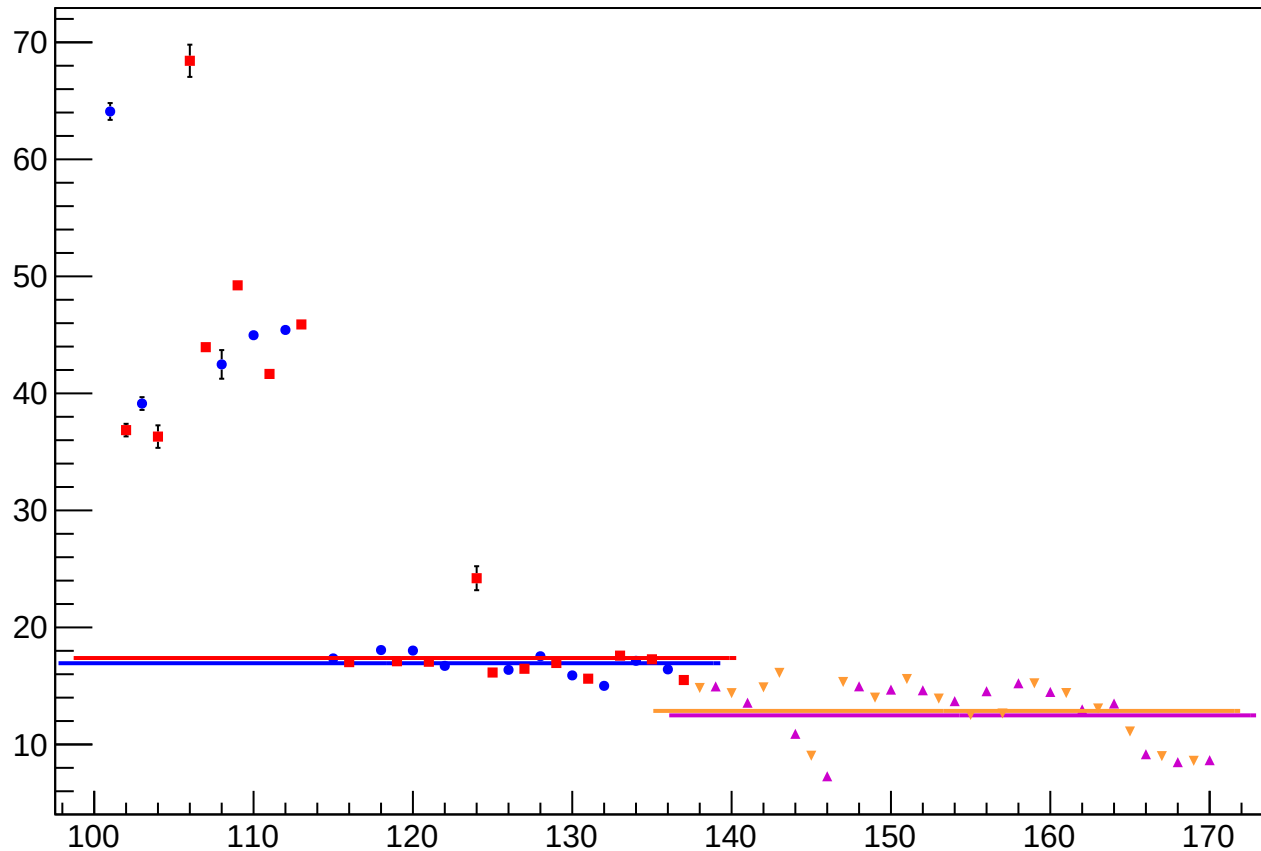
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.527 ± 0.002 $\chi^2/\text{NDF}: 18079.0/30$

Out: 0.524 ± 0.002 $\chi^2/\text{NDF}: 12705.8/34$

All: 0.526 ± 0.001 $\chi^2/\text{NDF}: 30786.7/65$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 12.866+/-0.008 χ^2/NDF :126293.5/16

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 12.485+/-0.008 χ^2/NDF :124332.2/15

Left: 12.666+/-0.006 χ^2/NDF : 251724.9/32

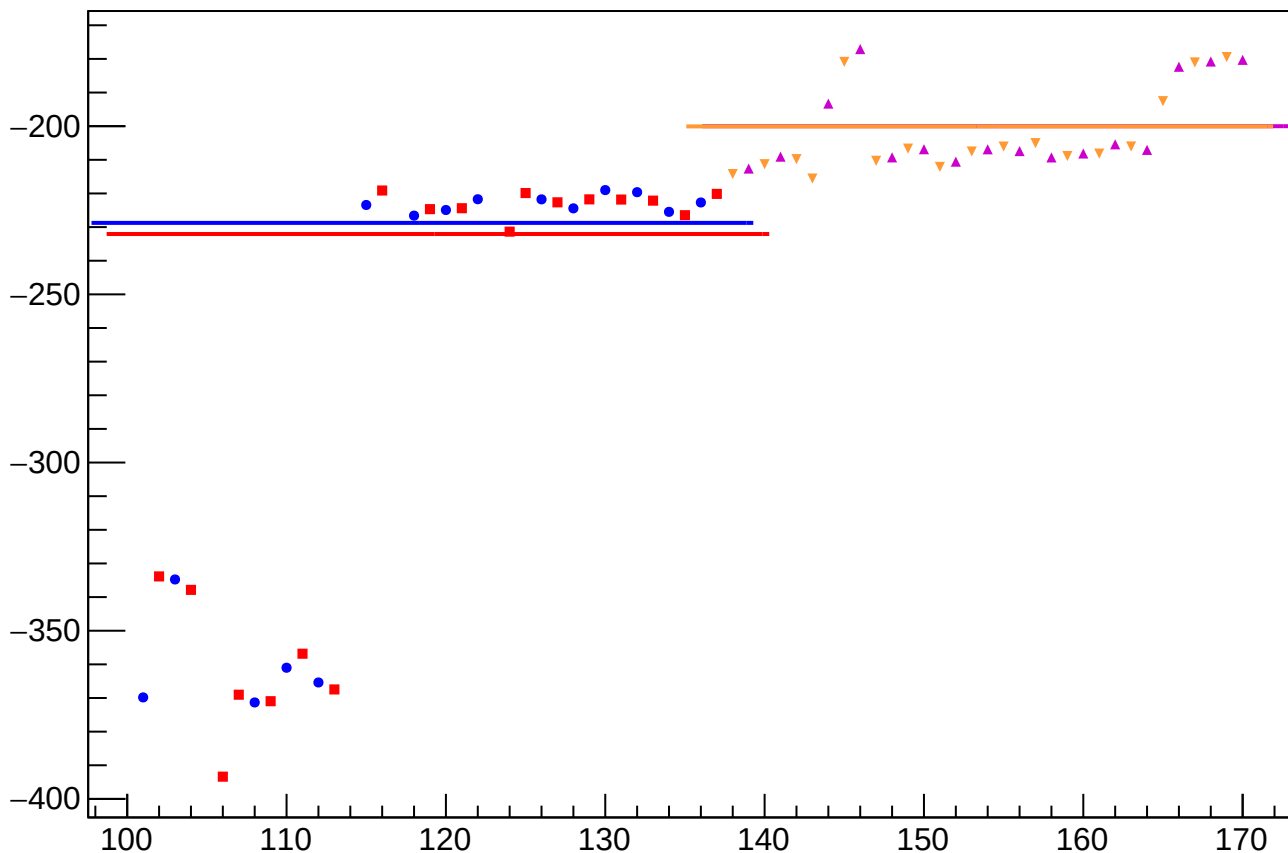
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 13.709+/-0.007 χ^2/NDF :240313.4/30

Out: 13.691+/-0.008 χ^2/NDF :241389.6/34

All: 13.701+/-0.005 χ^2/NDF : 481706.1/65

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -200.070 ± 0.016 $\chi^2/\text{NDF}: 726718.1/16$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -200.007 ± 0.015 $\chi^2/\text{NDF}: 707477.9/15$

Left: -200.036 ± 0.011 $\chi^2/\text{NDF}: 1434204.4/32$

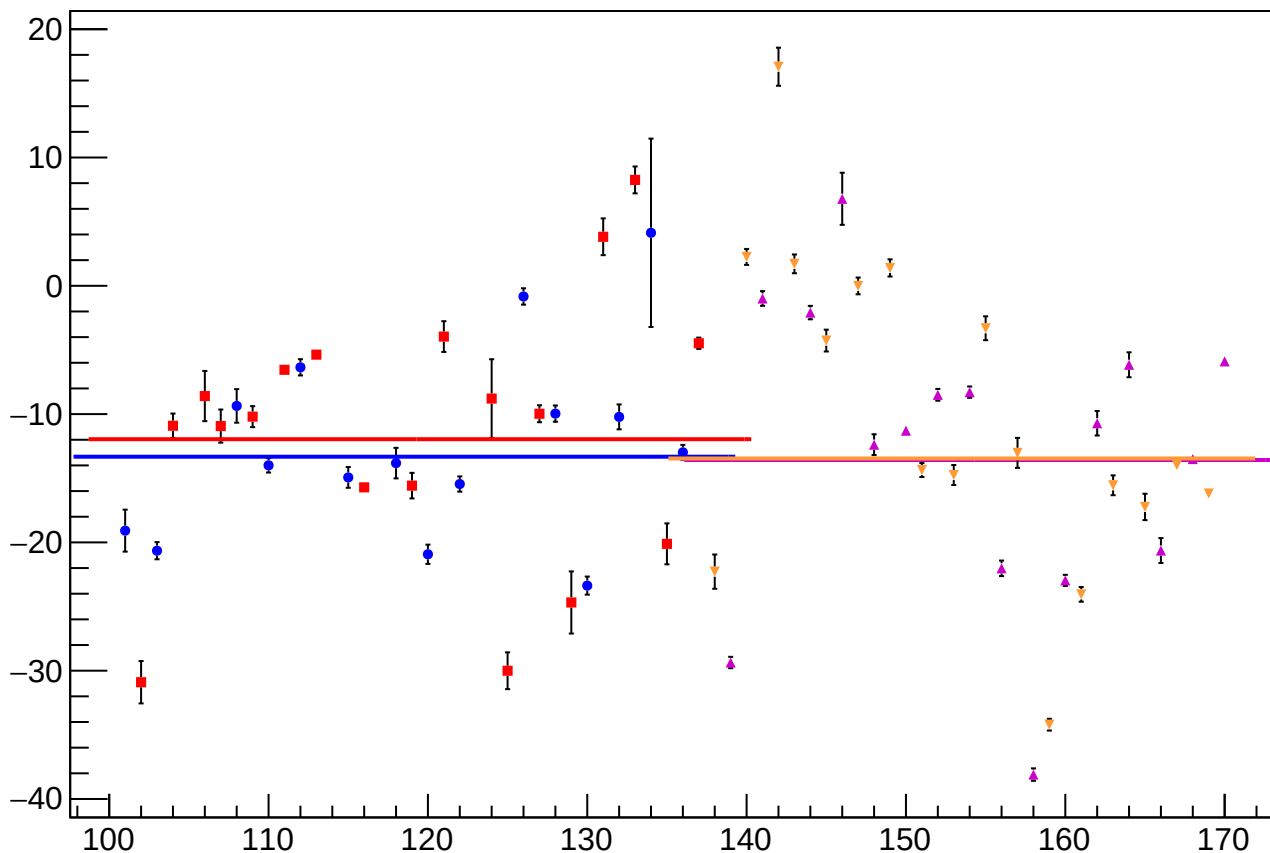
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -204.480 ± 0.014 $\chi^2/\text{NDF}: 1944876.3/30$

Out: -204.219 ± 0.015 $\chi^2/\text{NDF}: 2040305.4/34$

All: -204.360 ± 0.010 $\chi^2/\text{NDF}: 3985349.6/65$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.459 ± 0.145 χ^2/NDF : 5152.5/16

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -13.578 ± 0.122 χ^2/NDF : 6728.8/15

Left: -13.529 ± 0.093 χ^2/NDF : 11881.6/32

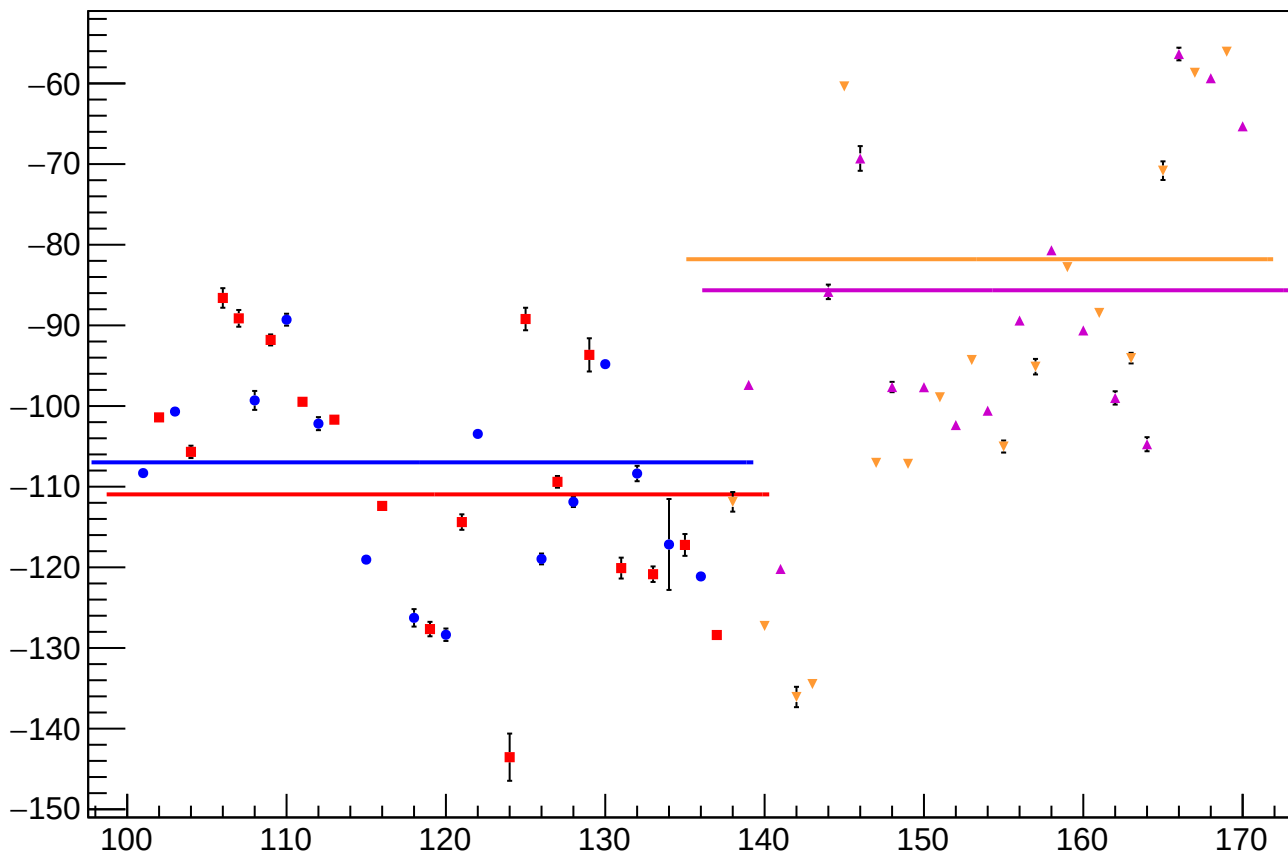
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.505 ± 0.103 χ^2/NDF : 7743.1/30

Out: -12.524 ± 0.089 χ^2/NDF : 7706.8/34

All: -12.942 ± 0.067 χ^2/NDF : 15501.9/65

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -81.797 ± 0.115 $\chi^2/\text{NDF}: 46087.0/16$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -85.647 ± 0.101 $\chi^2/\text{NDF}: 31757.2/15$

Left: -83.970 ± 0.076 $\chi^2/\text{NDF}: 78476.5/32$

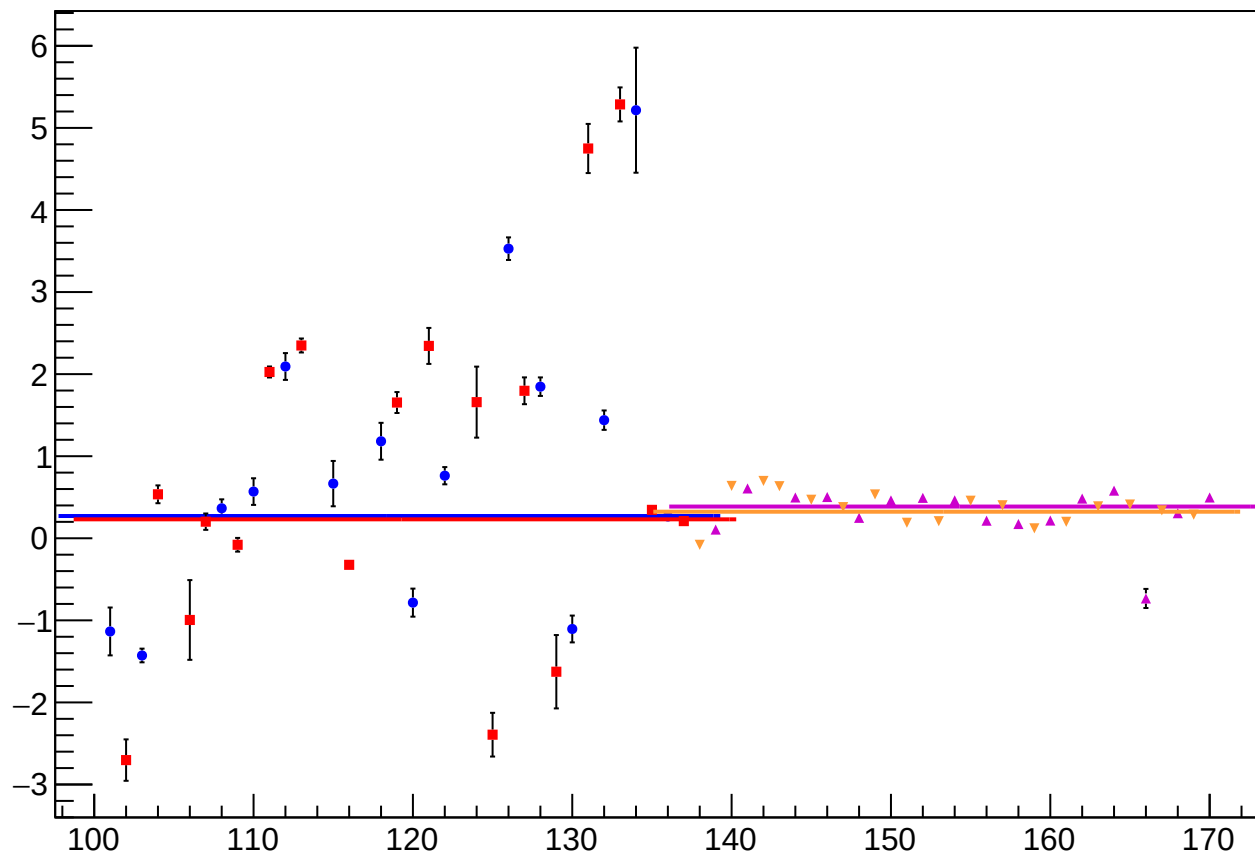
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -95.412 ± 0.074 $\chi^2/\text{NDF}: 56808.9/30$

Out: -106.293 ± 0.046 $\chi^2/\text{NDF}: 110739.6/34$

All: -103.286 ± 0.039 $\chi^2/\text{NDF}: 183011.2/65$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.324 ± 0.002 $\chi^2/\text{NDF}: 6508.0/16$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.387 ± 0.002 $\chi^2/\text{NDF}: 8286.1/15$

Left: 0.360 ± 0.001 $\chi^2/\text{NDF}: 15295.1/32$

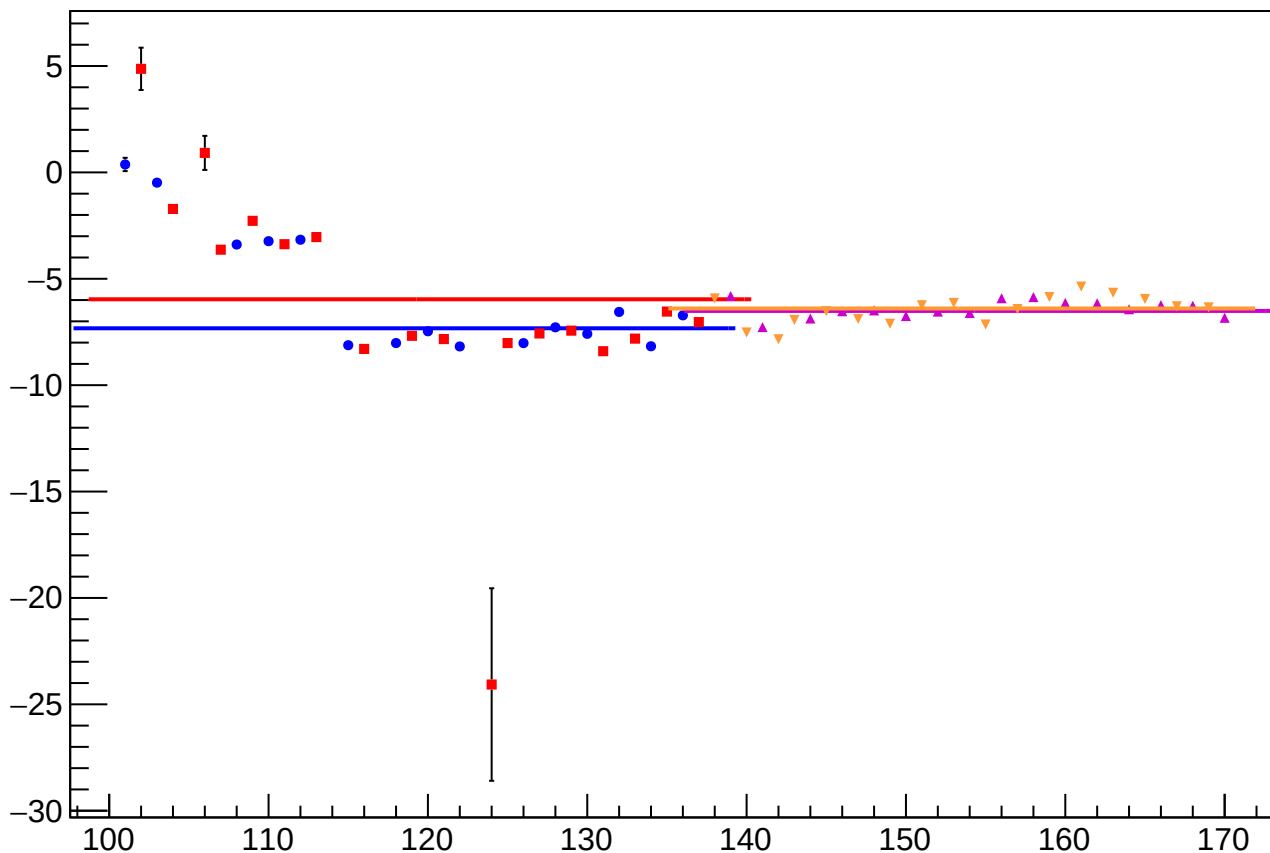
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.375 ± 0.002 $\chi^2/\text{NDF}: 10318.9/30$

Out: 0.306 ± 0.002 $\chi^2/\text{NDF}: 9773.9/34$

All: 0.344 ± 0.001 $\chi^2/\text{NDF}: 20797.5/65$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.396+/-0.005 χ^2/NDF : 6007.2/16

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.511+/-0.005 χ^2/NDF : 6498.1/15

Left: -6.458+/-0.004 χ^2/NDF : 12756.3/32

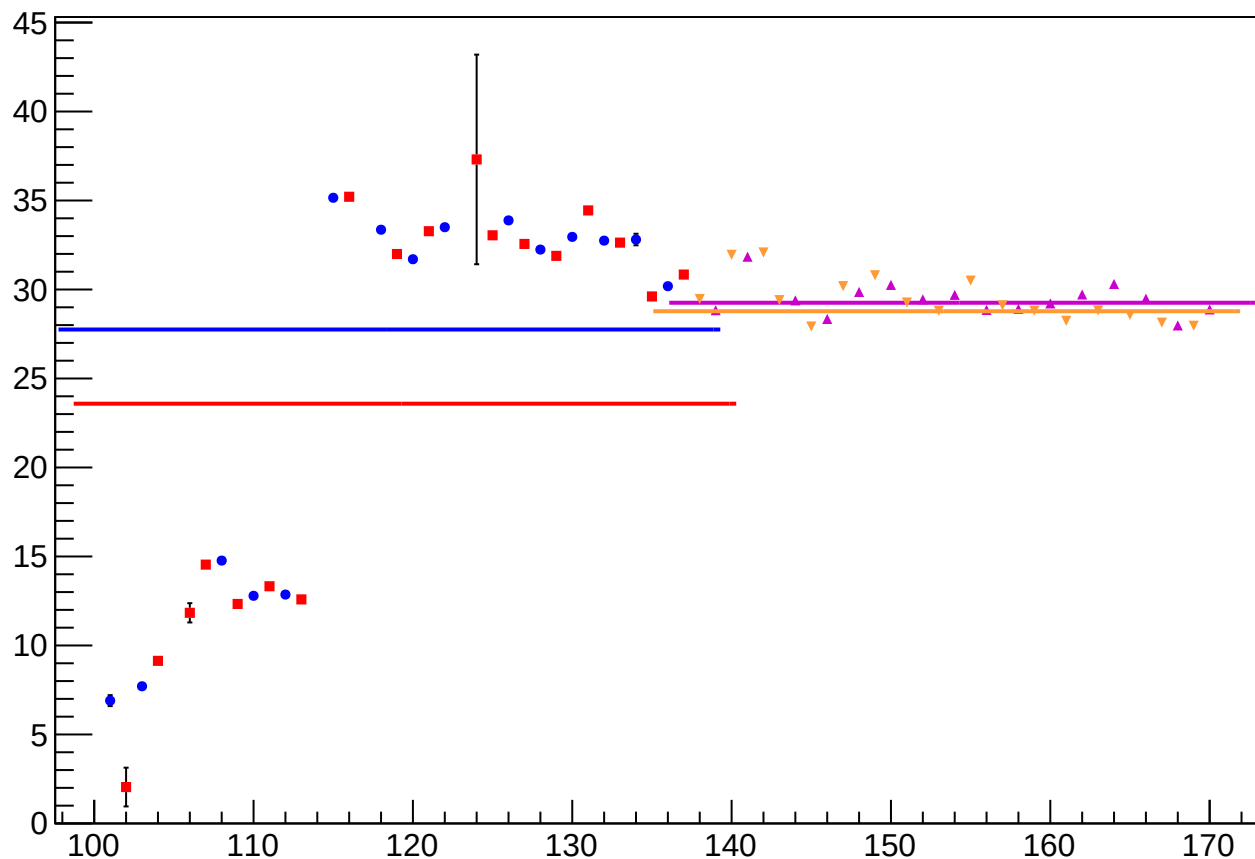
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.719+/-0.004 χ^2/NDF : 44055.6/30

Out: -6.279+/-0.005 χ^2/NDF : 79581.2/34

All: -6.515+/-0.003 χ^2/NDF : 128636.0/65

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.778 $\pm$ 0.009 χ^2 /NDF:12422.4/16

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.256 $\pm$ 0.009 χ^2 /NDF:6376.6/15

Left: 29.024 $\pm$ 0.007 χ^2 /NDF: 20130.3/32

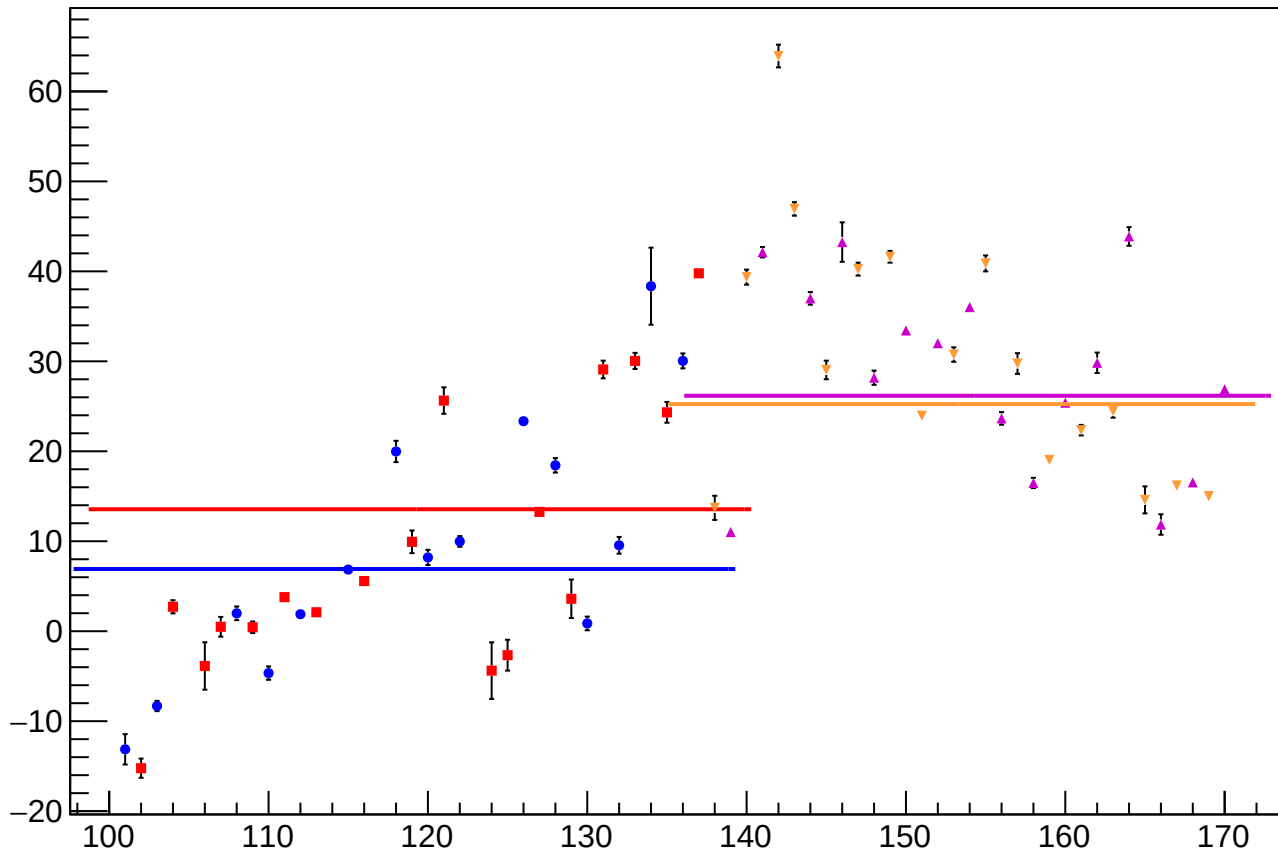
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.851 $\pm$ 0.008 χ^2 /NDF:346611.8/30

Out: 27.121 $\pm$ 0.008 χ^2 /NDF:649691.1/34

All: 27.979 $\pm$ 0.005 χ^2 /NDF: 1021047.3/65

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 χ^2/NDF : 3503.2/14

Left Out: 25.245 ± 0.157 χ^2/NDF : 5084.7/16

Right Out: 13.557 ± 0.145 χ^2/NDF : 11657.2/17

Left In: 26.172 ± 0.130 χ^2/NDF : 5437.6/15

Left: 25.794 ± 0.100 χ^2/NDF : 10542.9/32

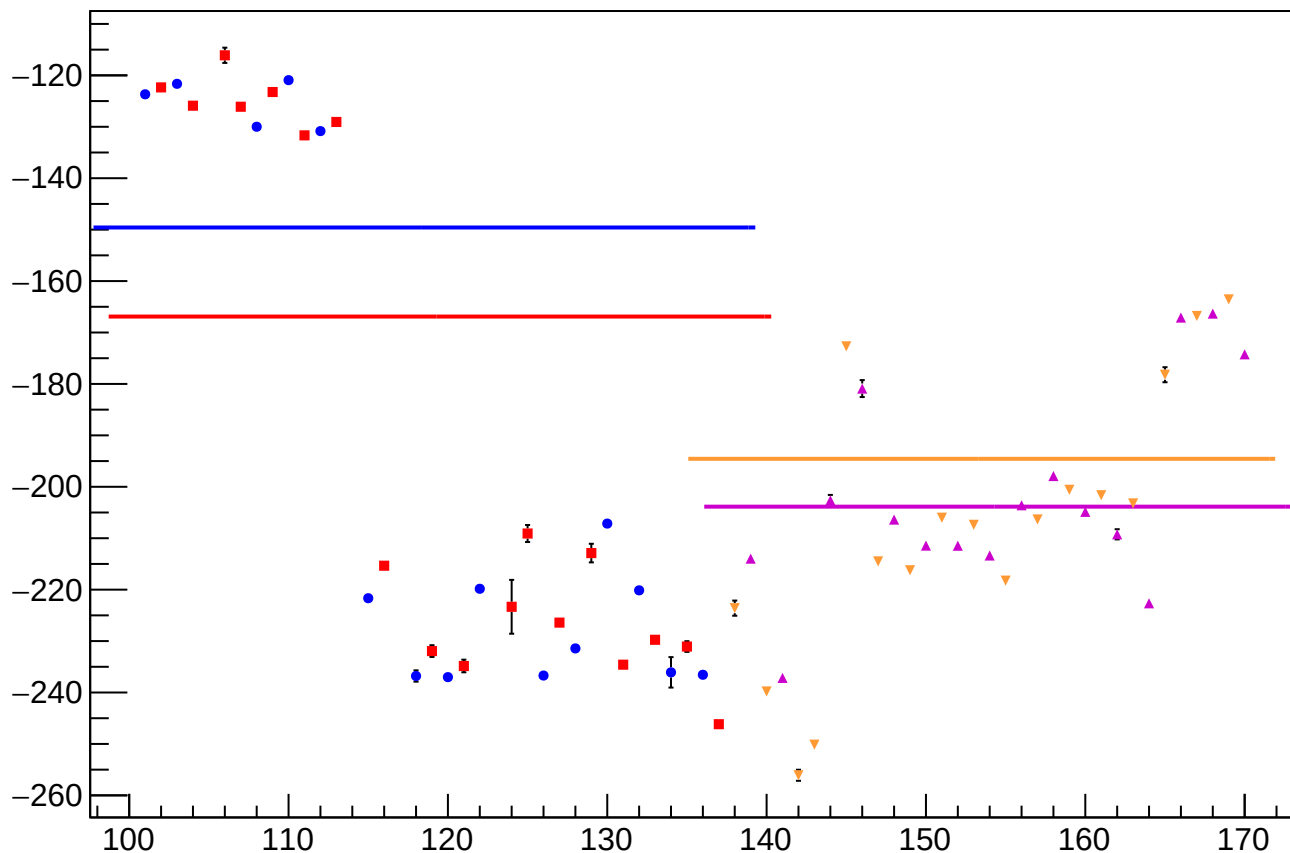
Right: 10.880 ± 0.112 χ^2/NDF : 16004.9/32

In: 19.377 ± 0.105 χ^2/NDF : 16638.9/30

Out: 18.938 ± 0.107 χ^2/NDF : 19730.8/34

All: 19.161 ± 0.075 χ^2/NDF : 36378.3/65

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -194.560 ± 0.126 χ^2/NDF : 41260.6/16

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -203.862 ± 0.110 χ^2/NDF : 26541.5/15

Left: -199.831 ± 0.083 χ^2/NDF : 70903.4/32

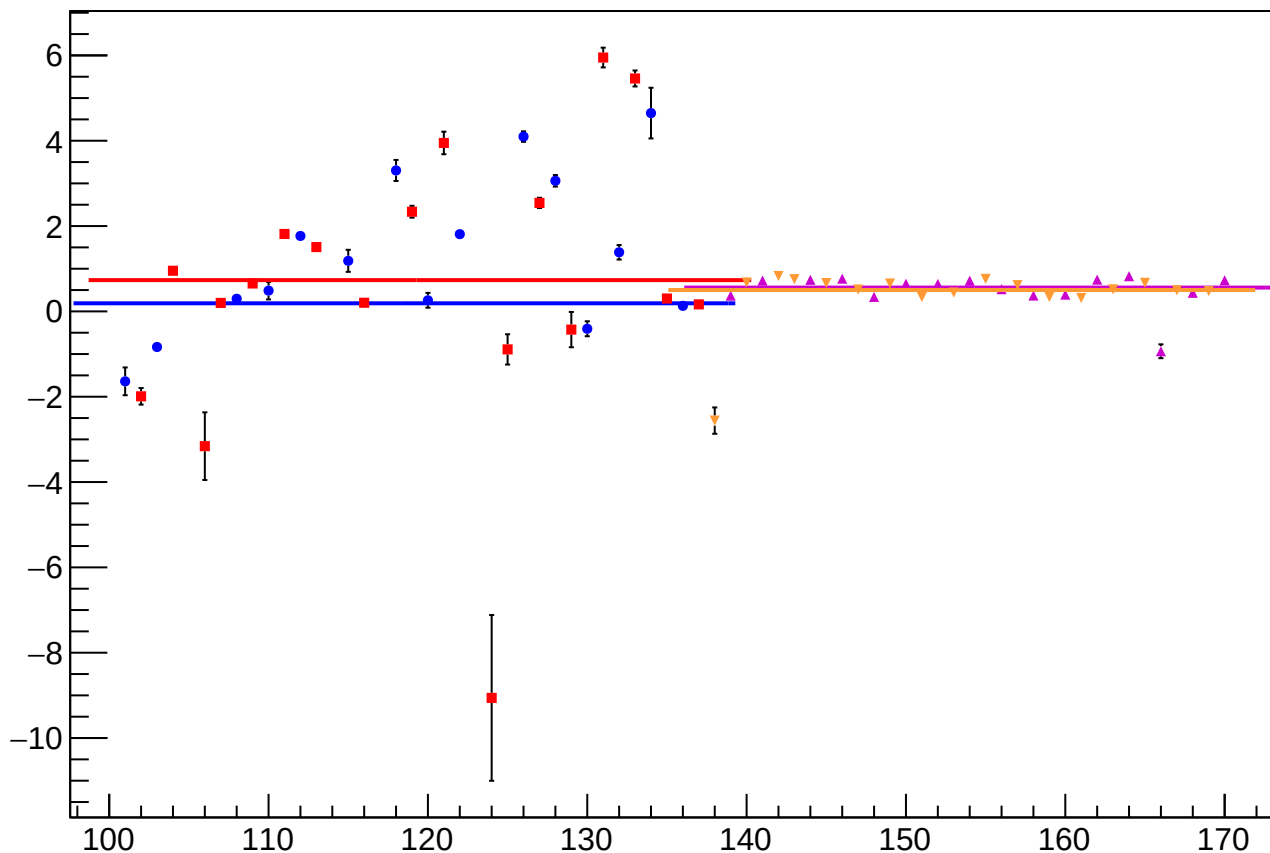
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -174.384 ± 0.074 χ^2/NDF : 353958.0/30

Out: -177.692 ± 0.079 χ^2/NDF : 366256.9/34

All: -175.947 ± 0.054 χ^2/NDF : 721150.5/65

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.501 $\pm$ 0.003 χ^2 /NDF:3377.1/16

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.558 $\pm$ 0.002 χ^2 /NDF:5284.8/15

Left: 0.535 $\pm$ 0.002 χ^2 /NDF: 8933.1/32

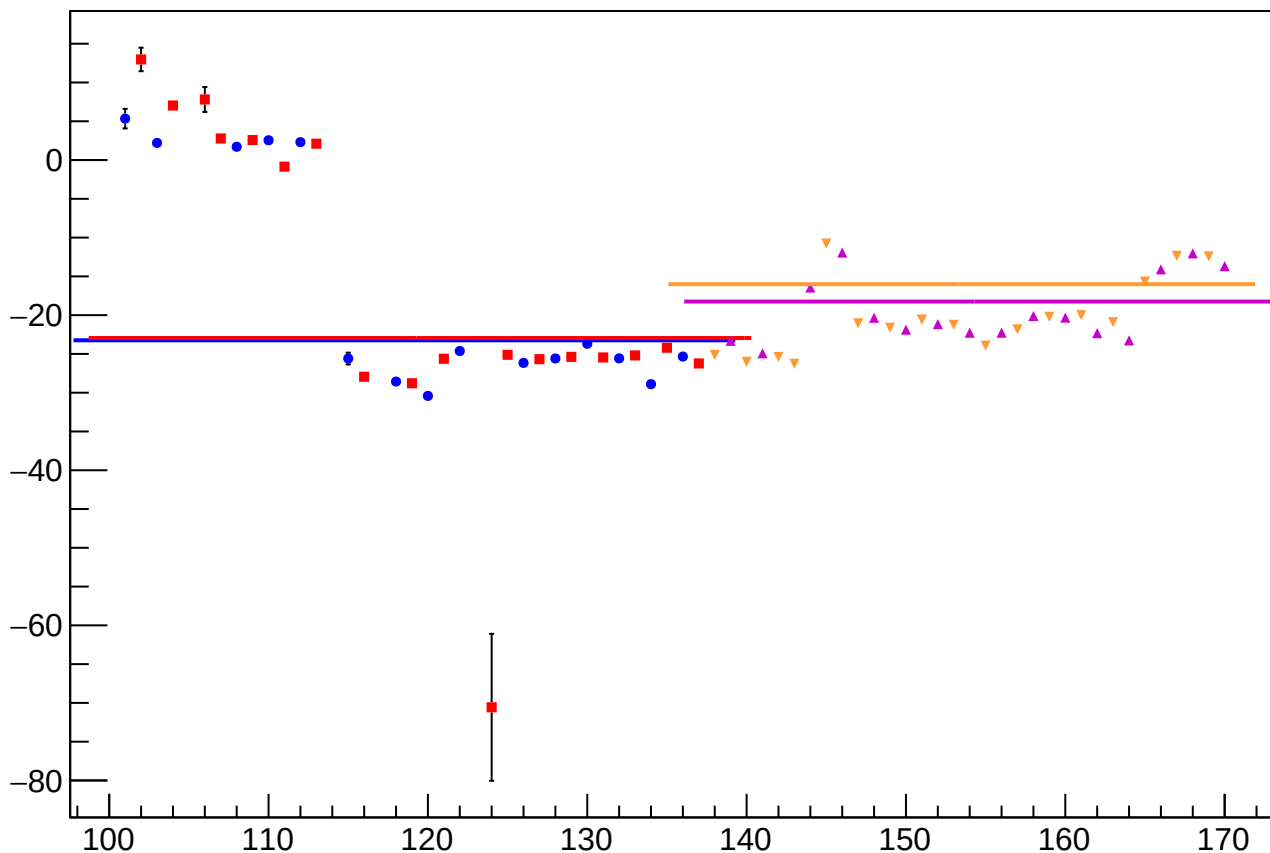
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.535 $\pm$ 0.002 χ^2 /NDF:9728.3/30

Out: 0.505 $\pm$ 0.003 χ^2 /NDF:6179.2/34

All: 0.523 $\pm$ 0.002 χ^2 /NDF: 15985.3/65

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.009 ± 0.012 $\chi^2/\text{NDF}: 166429.3/16$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -18.247 ± 0.013 $\chi^2/\text{NDF}: 100411.9/15$

Left: -17.109 ± 0.009 $\chi^2/\text{NDF}: 282946.5/32$

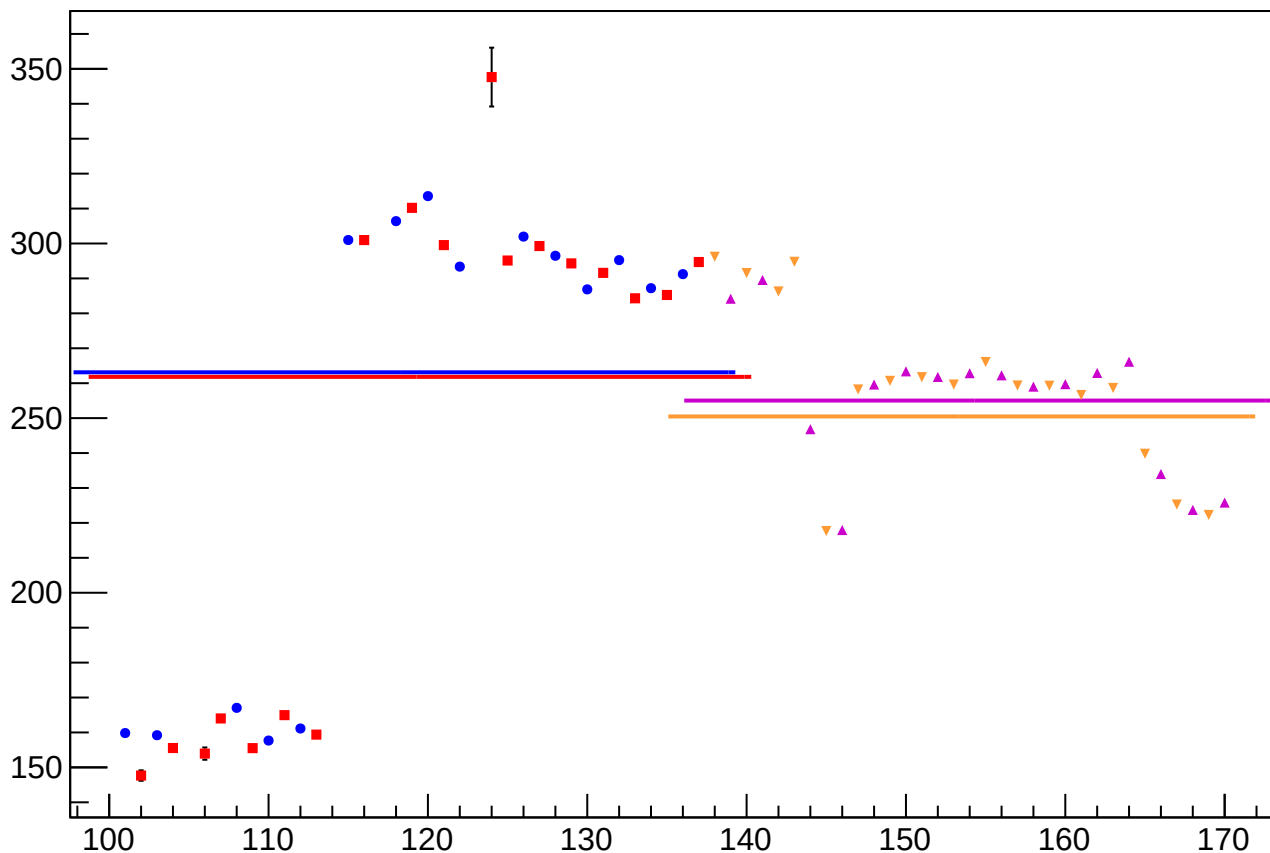
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -19.270 ± 0.011 $\chi^2/\text{NDF}: 235852.9/30$

Out: -17.400 ± 0.011 $\chi^2/\text{NDF}: 337673.7/34$

All: -18.322 ± 0.008 $\chi^2/\text{NDF}: 587636.4/65$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 250.479+/-0.031 χ^2/NDF : 561820.2/16

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 255.028+/-0.030 χ^2/NDF : 259536.7/15

Left: 252.854+/-0.022 χ^2/NDF : 832389.4/32

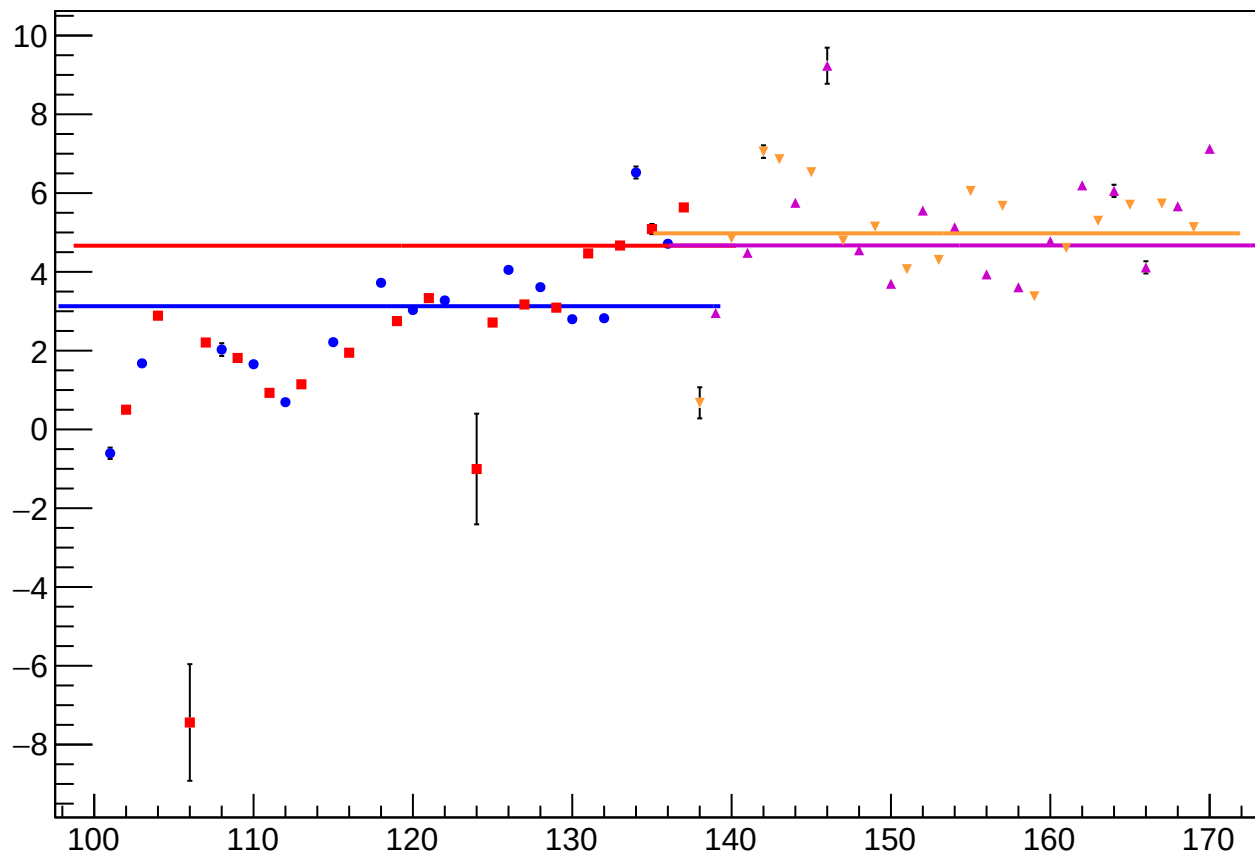
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 256.308+/-0.027 χ^2/NDF : 963976.6/30

Out: 252.876+/-0.028 χ^2/NDF : 1595746.1/34

All: 254.612+/-0.020 χ^2/NDF : 2567436.9/65

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.978 ± 0.015 $\chi^2/\text{NDF}: 2363.0/16$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.671 ± 0.014 $\chi^2/\text{NDF}: 8412.5/15$

Left: 4.812 ± 0.010 $\chi^2/\text{NDF}: 10990.7/32$

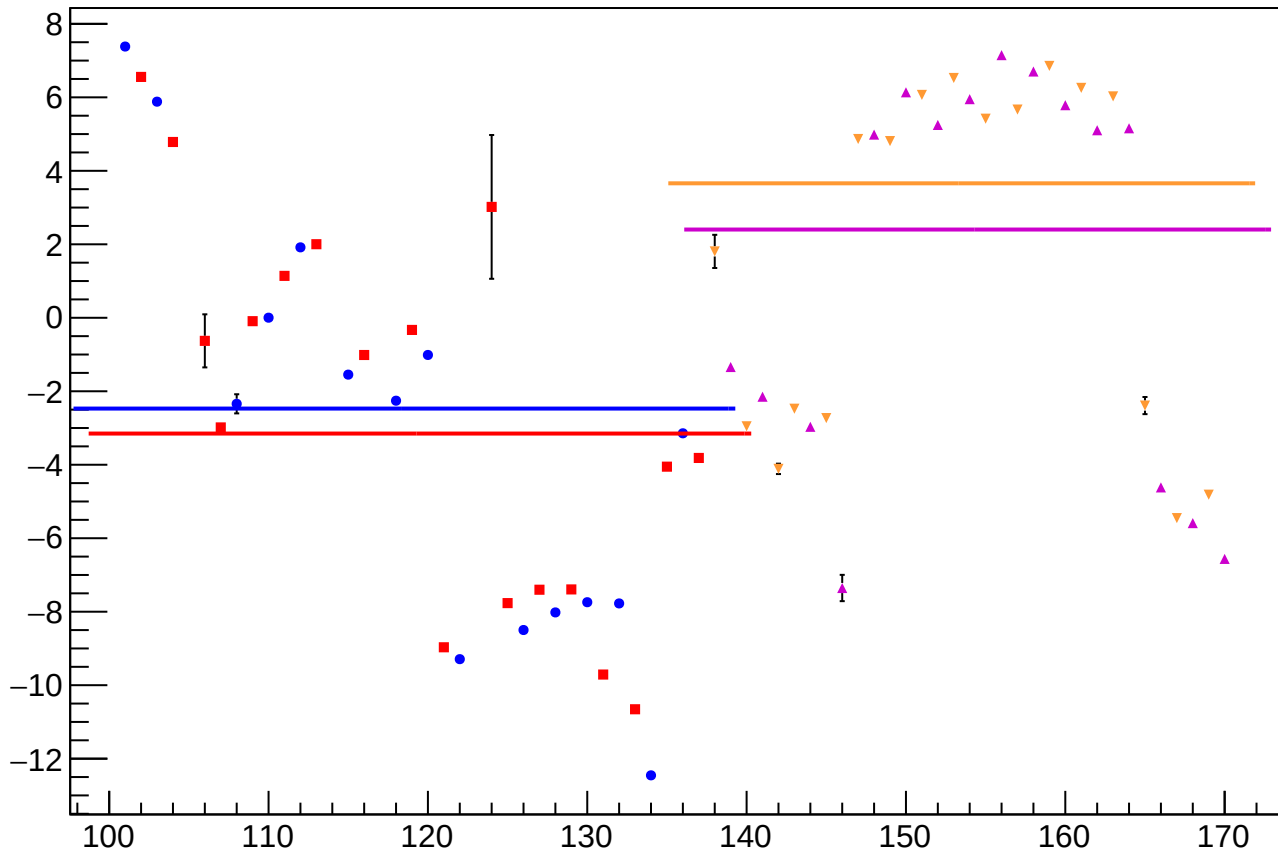
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.982 ± 0.011 $\chi^2/\text{NDF}: 19382.6/30$

Out: 4.710 ± 0.006 $\chi^2/\text{NDF}: 69580.6/34$

All: 4.537 ± 0.005 $\chi^2/\text{NDF}: 92610.8/65$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 3.660 ± 0.013 χ^2/NDF : 92357.0/16

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 2.402 ± 0.012 χ^2/NDF : 167603.1/15

Left: 3.002 ± 0.009 χ^2/NDF : 265033.6/32

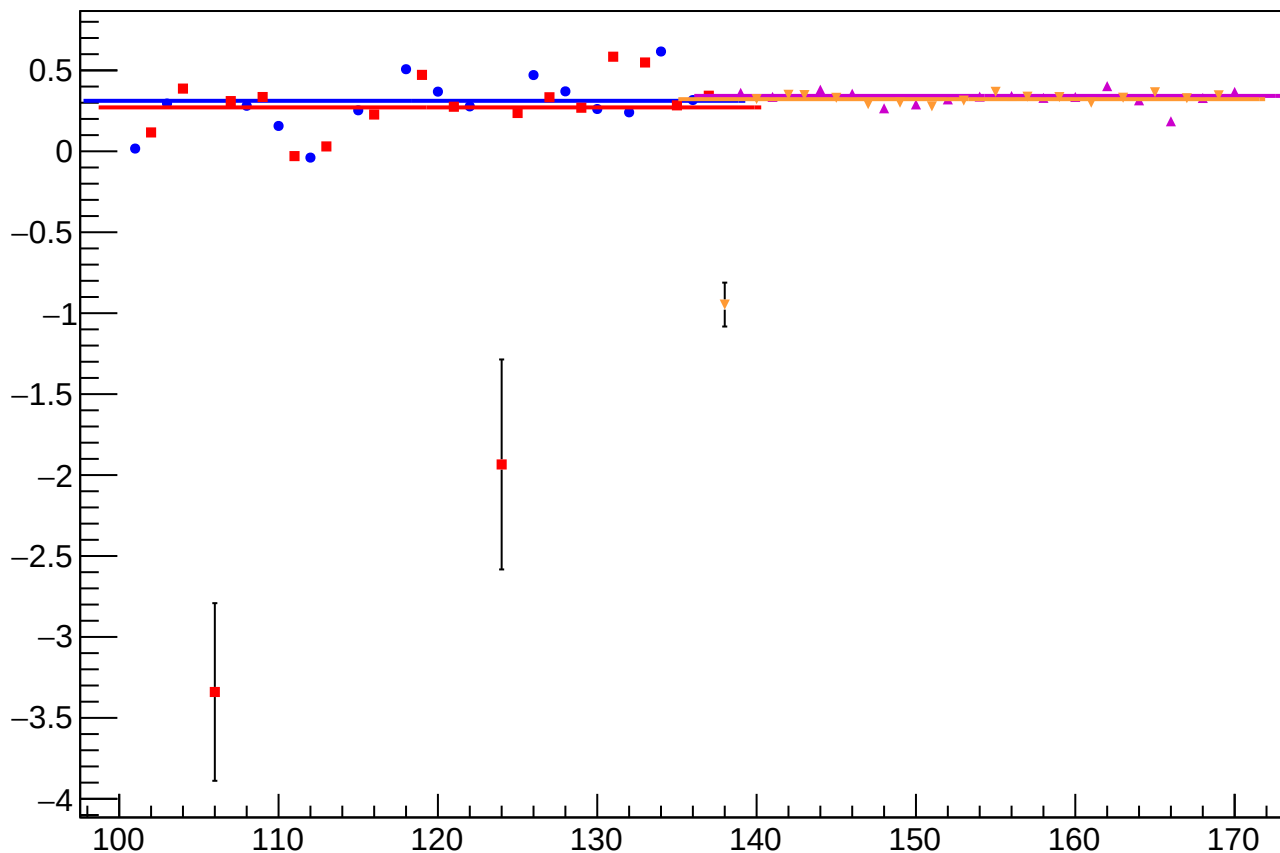
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: 0.317 ± 0.009 χ^2/NDF : 478475.2/30

Out: -1.428 ± 0.006 χ^2/NDF : 552177.2/34

All: -0.858 ± 0.005 χ^2/NDF : 1054753.0/65

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 χ^2/NDF : 1319.2/14

Left Out: 0.322 ± 0.001 χ^2/NDF : 1561.6/16

Right Out: 0.271 ± 0.002 χ^2/NDF : 6144.7/17

Left In: 0.342 ± 0.001 χ^2/NDF : 3181.2/15

Left: 0.333 ± 0.000 χ^2/NDF : 5279.7/32

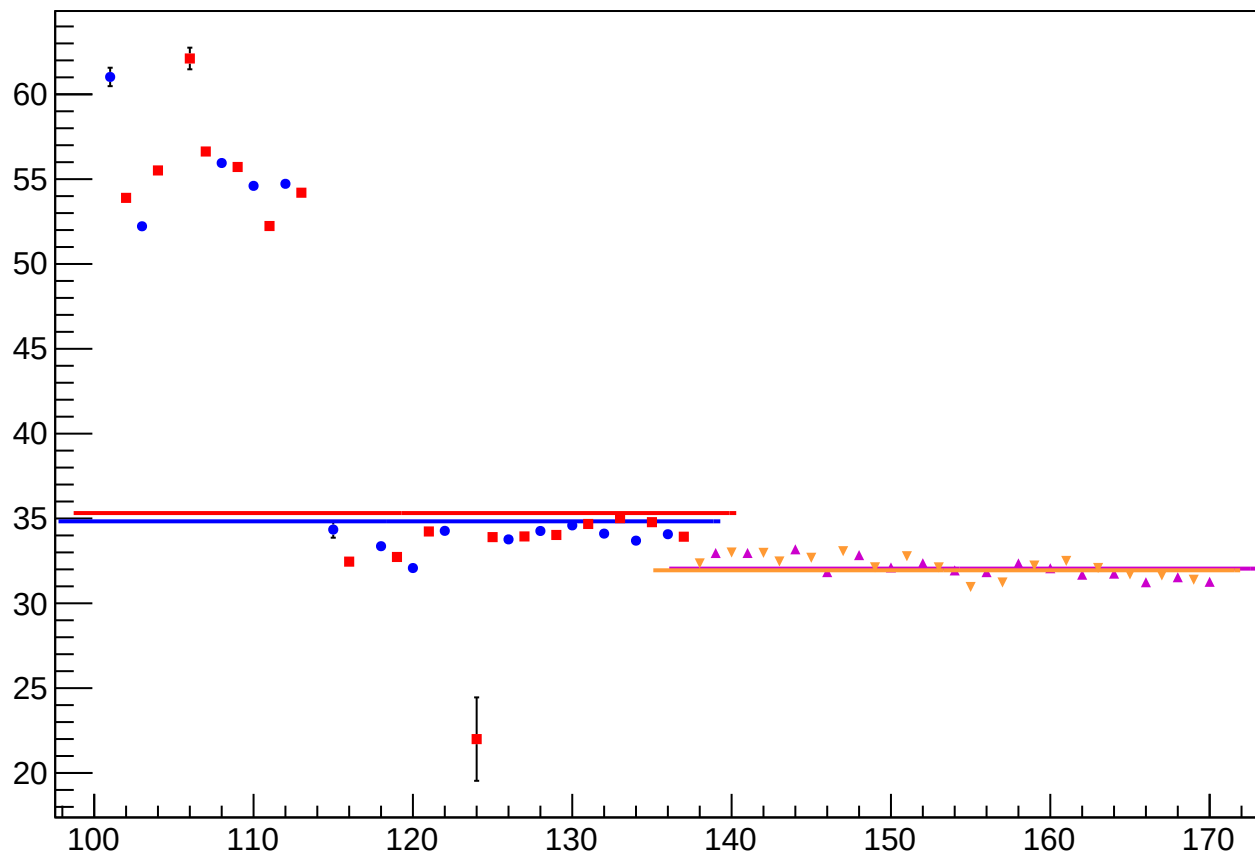
Right: 0.301 ± 0.001 χ^2/NDF : 7735.2/32

In: 0.337 ± 0.001 χ^2/NDF : 4963.0/30

Out: 0.318 ± 0.001 χ^2/NDF : 8238.3/34

All: 0.329 ± 0.000 χ^2/NDF : 13752.0/65

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.945 $\pm$ 0.003 χ^2 /NDF:19084.7/16

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.045 $\pm$ 0.004 χ^2 /NDF:11658.1/15

Left: 31.989 $\pm$ 0.003 χ^2 /NDF: 31096.5/32

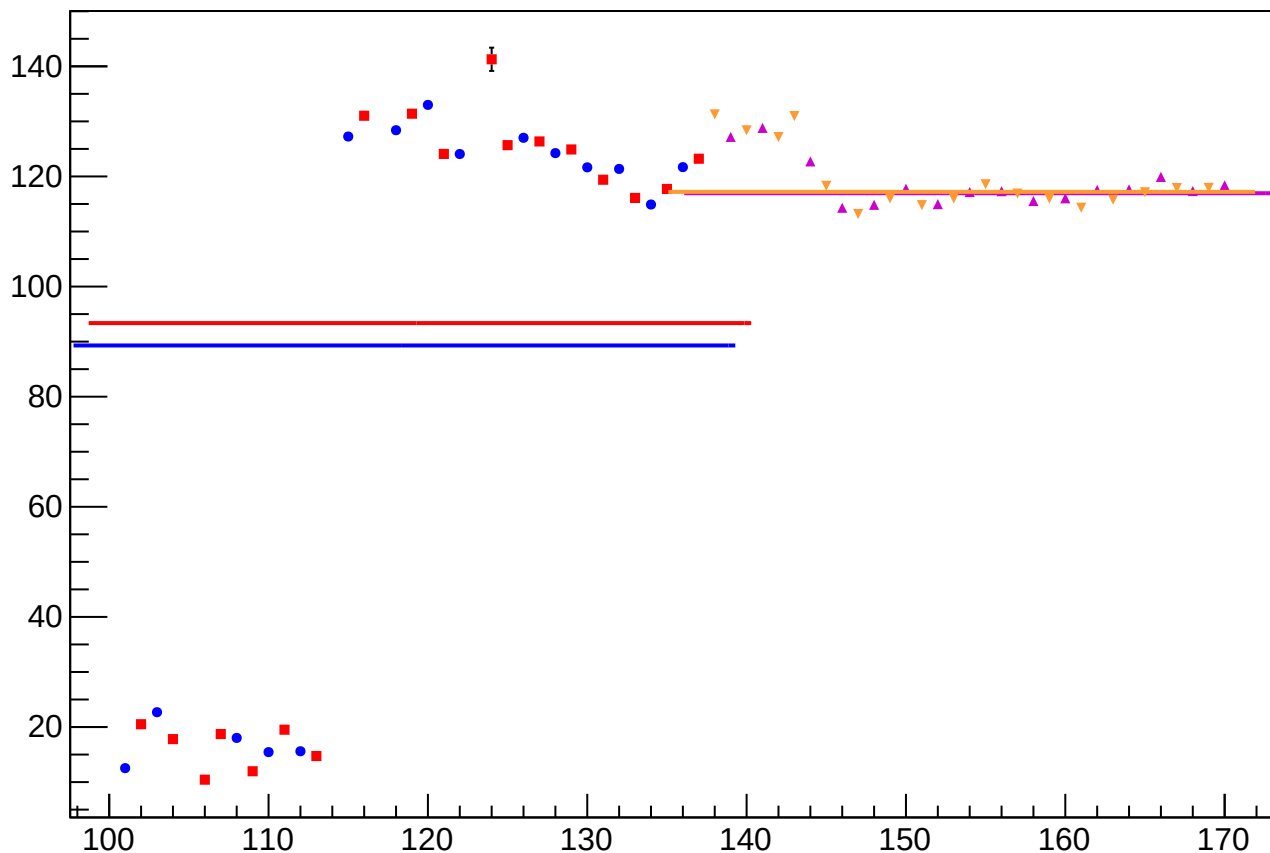
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.529 $\pm$ 0.004 χ^2 /NDF:343578.3/30

Out: 32.316 $\pm$ 0.003 χ^2 /NDF:382844.1/34

All: 32.414 $\pm$ 0.002 χ^2 /NDF: 728326.8/65

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.198 ± 0.008 $\chi^2/\text{NDF}: 123157.2/16$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.951 ± 0.009 $\chi^2/\text{NDF}: 43895.3/15$

Left: 117.087 ± 0.006 $\chi^2/\text{NDF}: 167451.0/32$

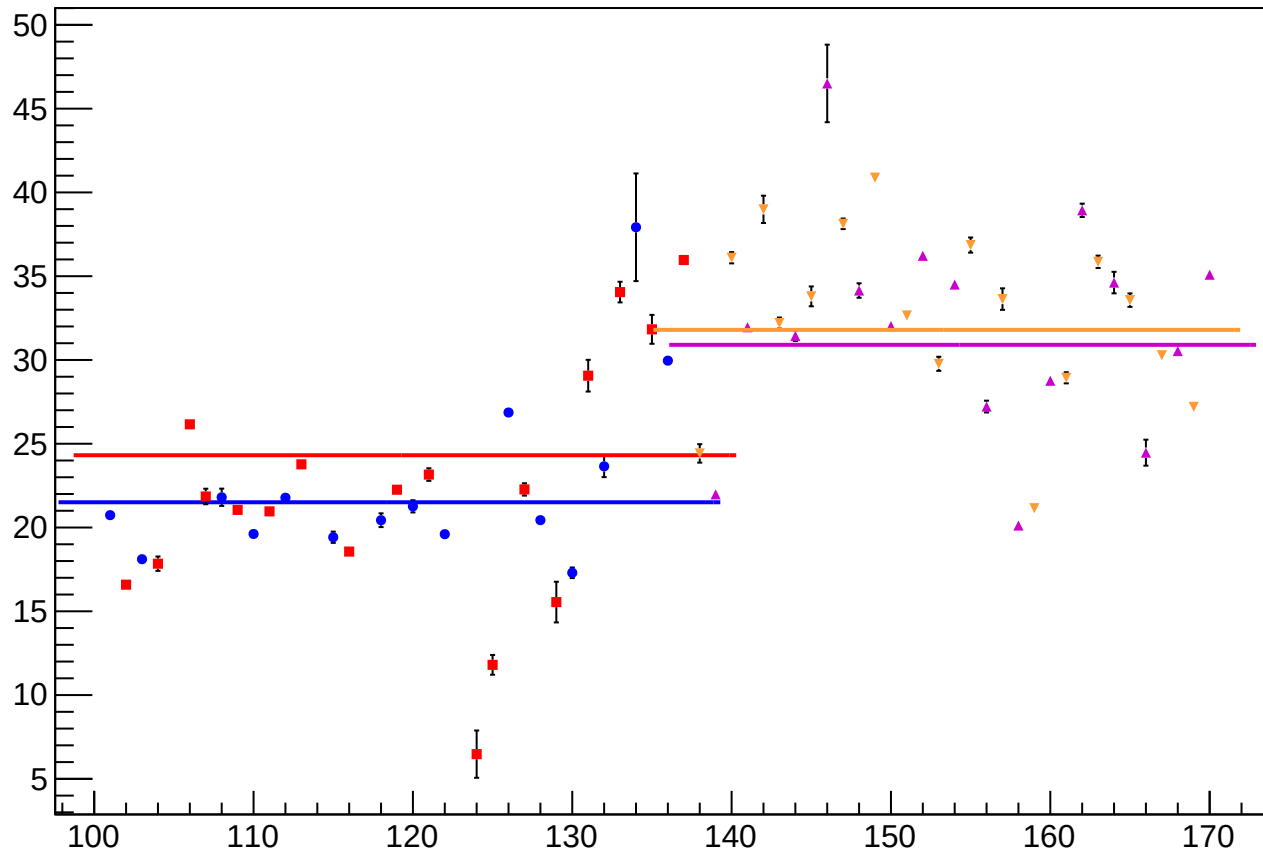
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.160 ± 0.009 $\chi^2/\text{NDF}: 3991313.2/30$

Out: 115.494 ± 0.008 $\chi^2/\text{NDF}: 3563825.7/34$

All: 114.883 ± 0.006 $\chi^2/\text{NDF}: 7567838.0/65$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.797 ± 0.082 $\chi^2/\text{NDF}: 4123.6/16$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.903 ± 0.068 $\chi^2/\text{NDF}: 5463.3/15$

Left: 31.269 ± 0.052 $\chi^2/\text{NDF}: 9657.0/32$

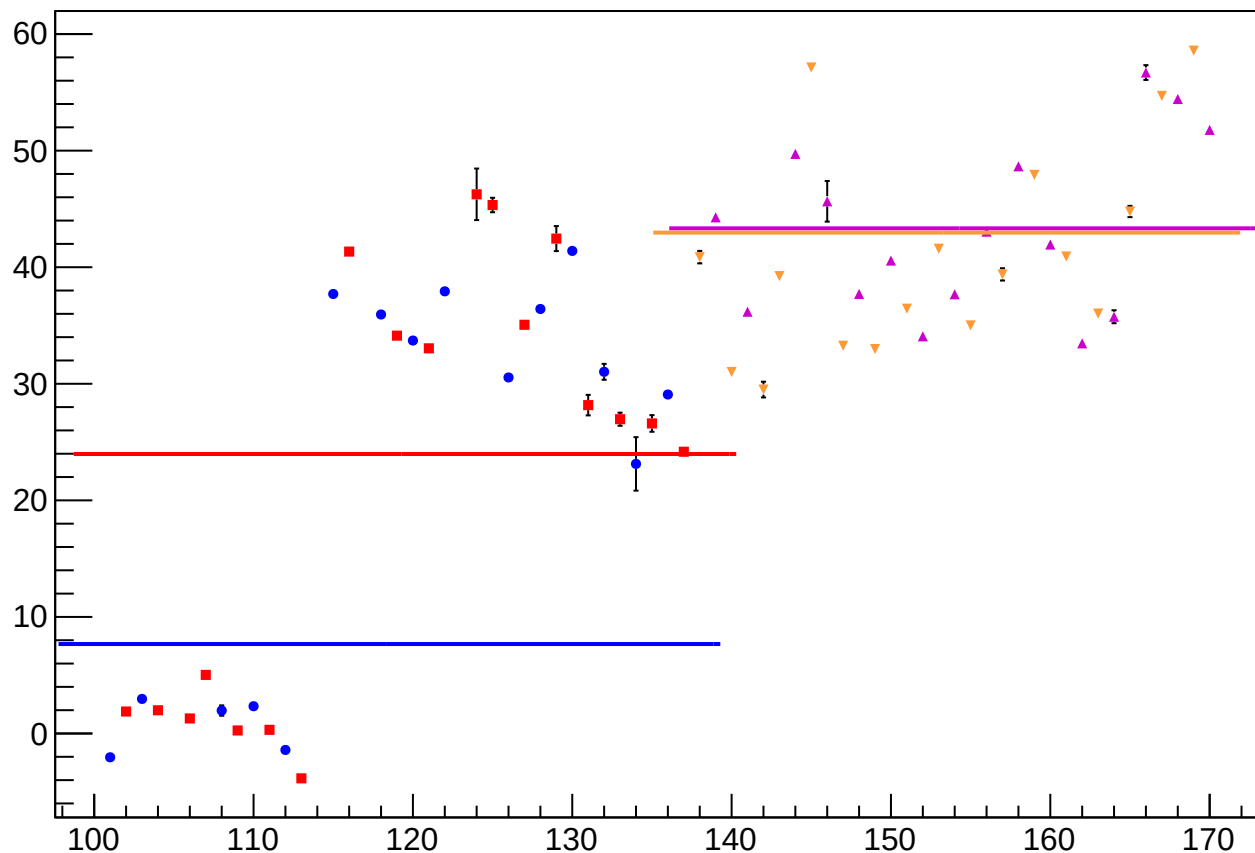
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.479 ± 0.050 $\chi^2/\text{NDF}: 17358.0/30$

Out: 26.834 ± 0.048 $\chi^2/\text{NDF}: 23934.9/34$

All: 26.664 ± 0.034 $\chi^2/\text{NDF}: 41319.5/65$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 42.970 ± 0.068 χ^2/NDF : 18148.4/16

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 43.336 ± 0.057 χ^2/NDF : 12516.0/15

Left: 43.185 ± 0.044 χ^2/NDF : 30681.4/32

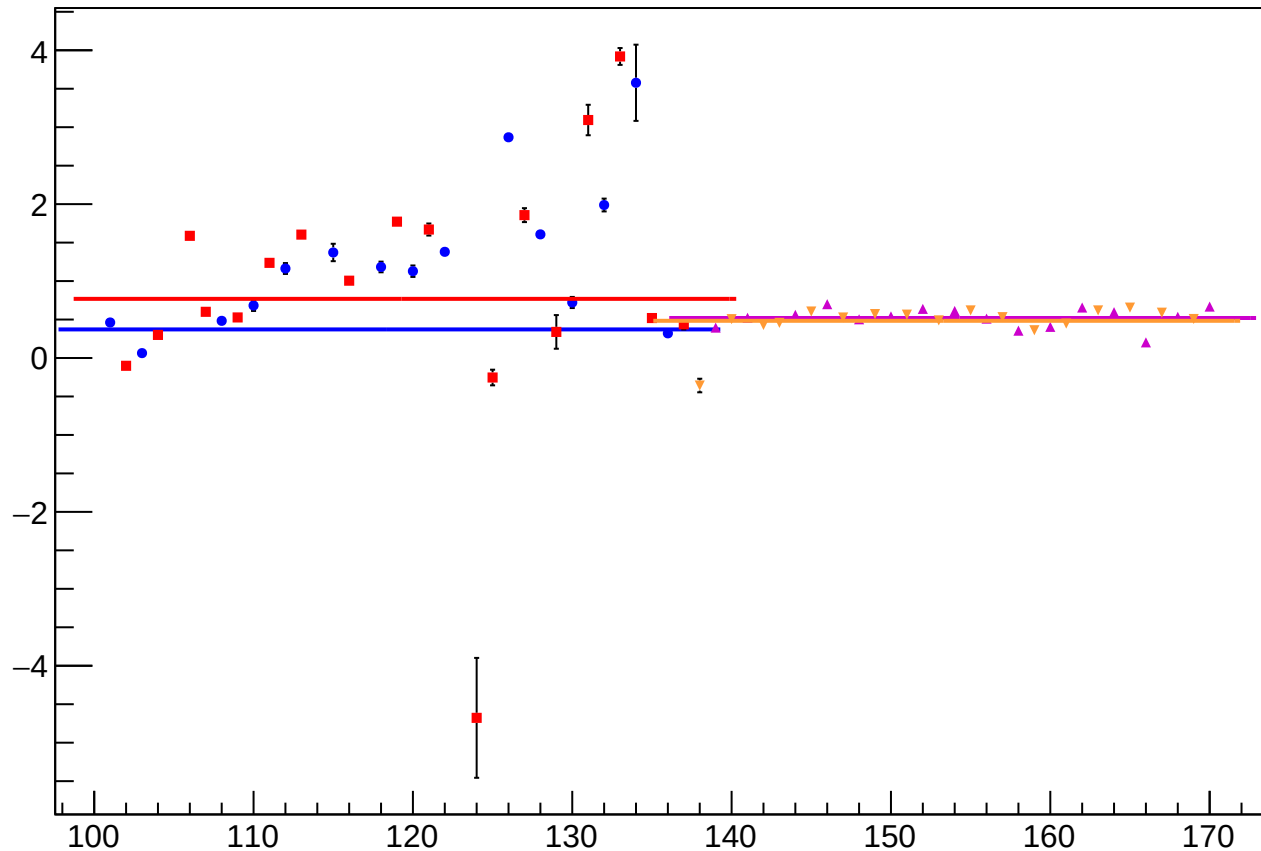
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 21.453 ± 0.035 χ^2/NDF : 349081.5/30

Out: 24.248 ± 0.008 χ^2/NDF : 205588.1/34

All: 24.109 ± 0.008 χ^2/NDF : 560580.6/65

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.484 ± 0.001 χ^2/NDF : 6461.7/16

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.520 ± 0.001 χ^2/NDF : 10506.9/15

Left: 0.504 ± 0.001 χ^2/NDF : 17486.9/32

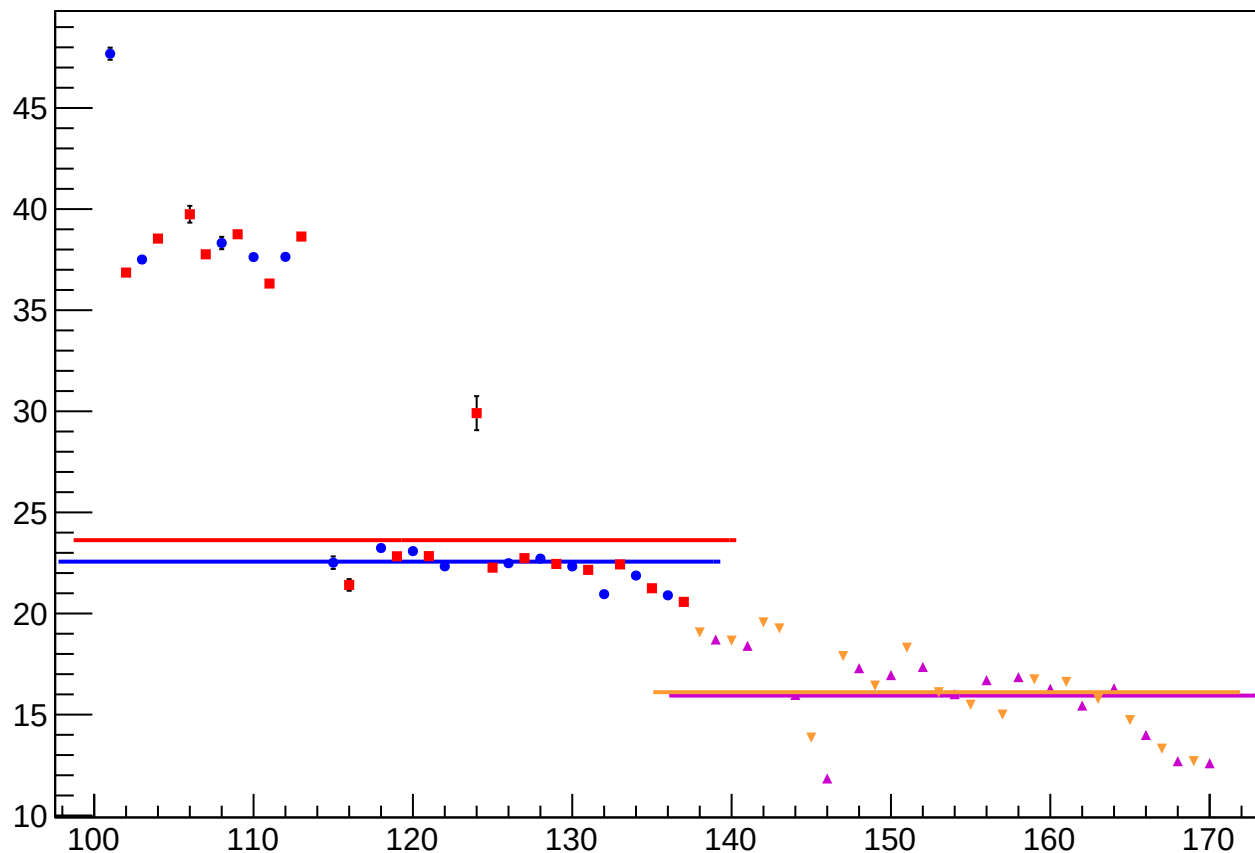
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.512 ± 0.001 χ^2/NDF : 16349.0/30

Out: 0.492 ± 0.001 χ^2/NDF : 12242.0/34

All: 0.503 ± 0.001 χ^2/NDF : 28751.7/65

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 16.109+/-0.006 χ^2/NDF : 130679.2/16

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 15.941+/-0.007 χ^2/NDF : 71494.9/15

Left: 16.034+/-0.005 χ^2/NDF : 202497.7/32

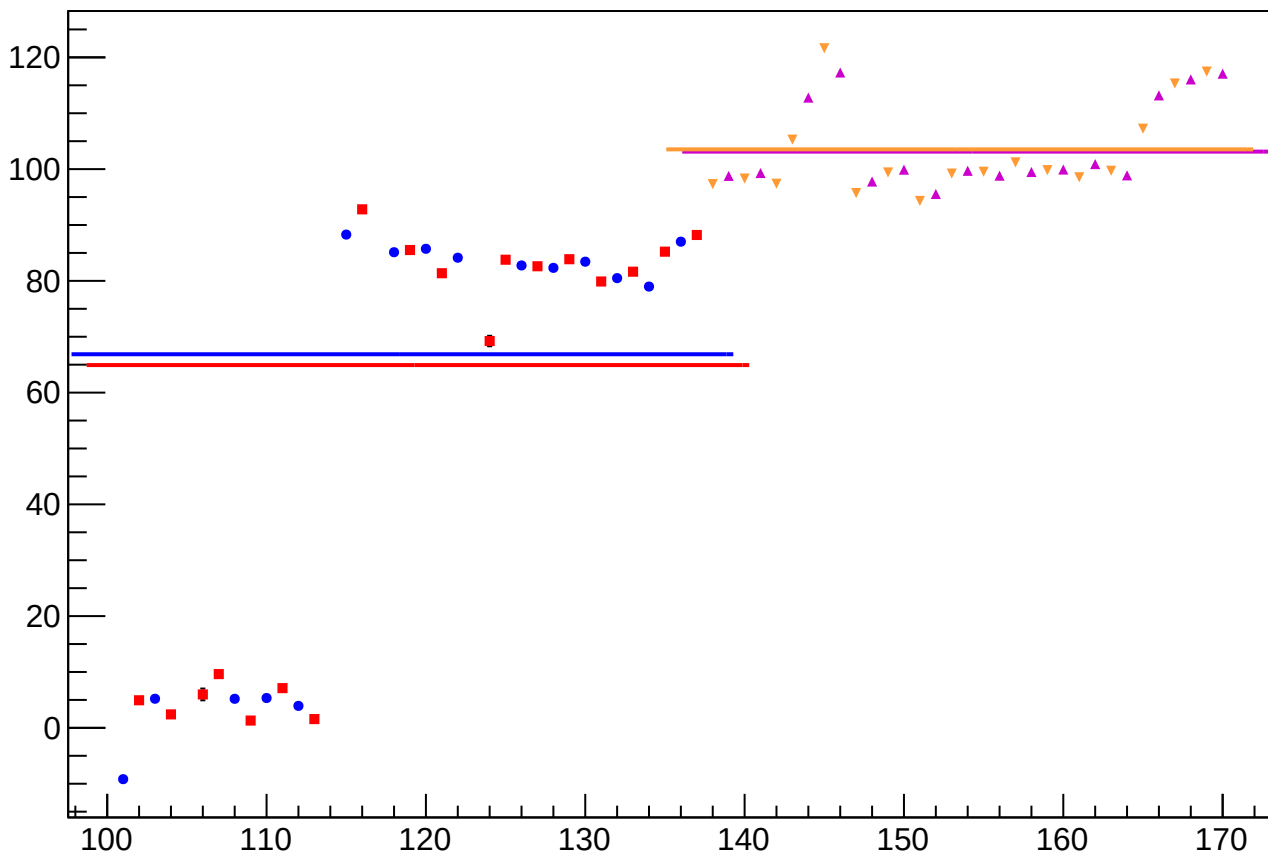
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 18.055+/-0.006 χ^2/NDF : 452983.4/30

Out: 17.886+/-0.005 χ^2/NDF : 596598.6/34

All: 17.966+/-0.004 χ^2/NDF : 1050035.9/65

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 103.535+/-0.012 χ^2/NDF : 454982.7/16

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 103.131+/-0.012 χ^2/NDF : 394383.3/15

Left: 103.330+/-0.008 χ^2/NDF : 849959.8/32

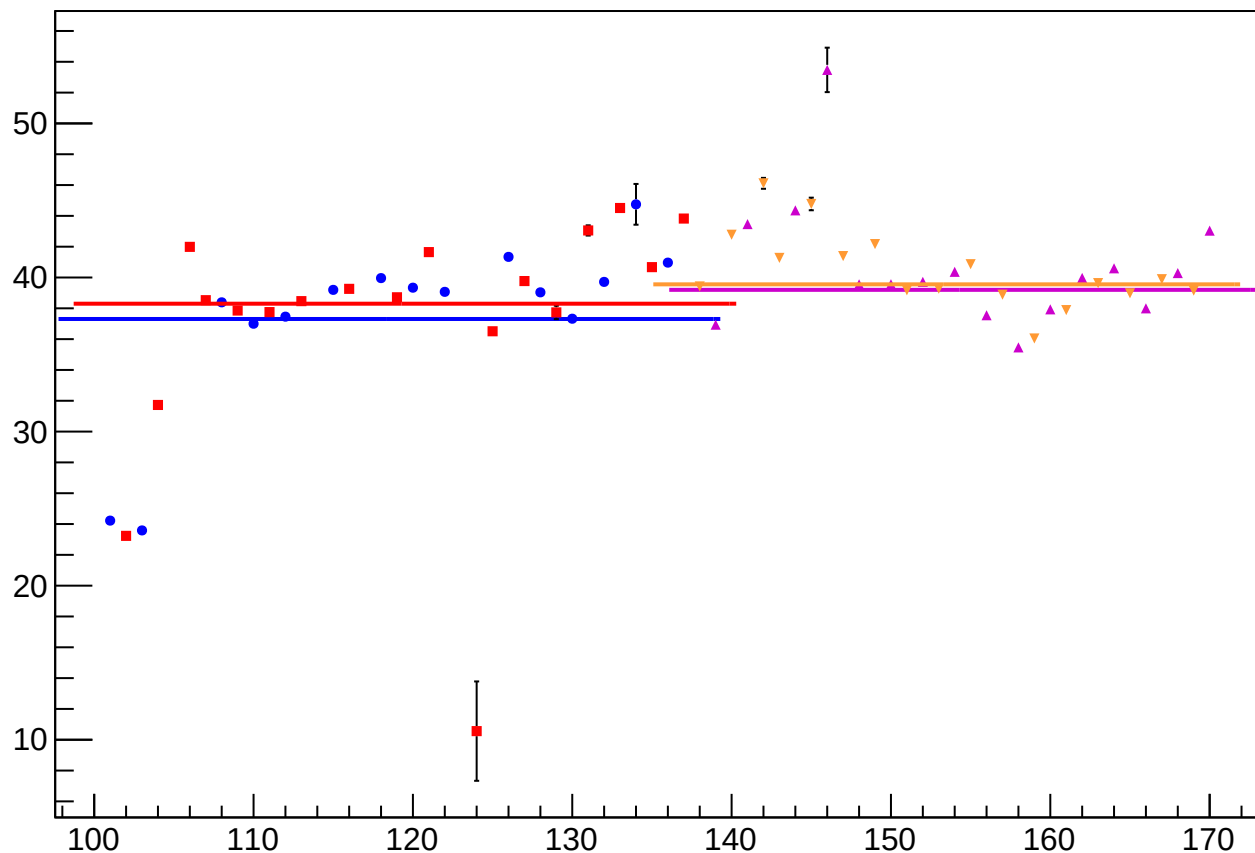
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 97.488+/-0.011 χ^2/NDF : 3405154.5/30

Out: 98.268+/-0.011 χ^2/NDF : 3245961.1/34

All: 97.867+/-0.008 χ^2/NDF : 6653707.1/65

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.556 ± 0.033 $\chi^2/\text{NDF}: 3902.3/16$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.199 ± 0.026 $\chi^2/\text{NDF}: 7164.7/15$

Left: 39.337 ± 0.021 $\chi^2/\text{NDF}: 11138.1/32$

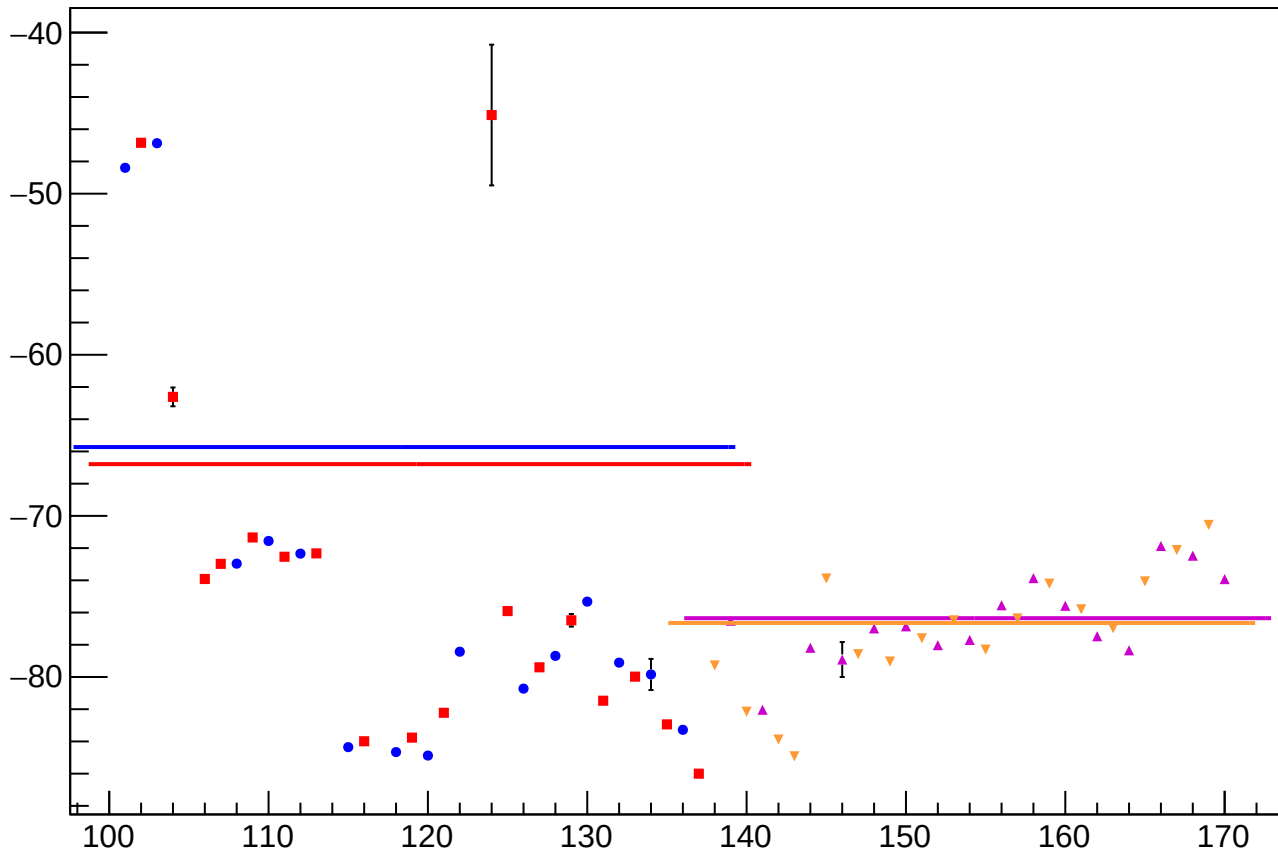
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.129 ± 0.017 $\chi^2/\text{NDF}: 69661.0/30$

Out: 38.648 ± 0.017 $\chi^2/\text{NDF}: 23782.7/34$

All: 38.388 ± 0.012 $\chi^2/\text{NDF}: 93888.9/65$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.647 $\pm$ 0.027 χ^2 /NDF:19441.2/16

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.349 $\pm$ 0.021 χ^2 /NDF:8459.4/15

Left: -76.461 $\pm$ 0.017 χ^2 /NDF: 27974.9/32

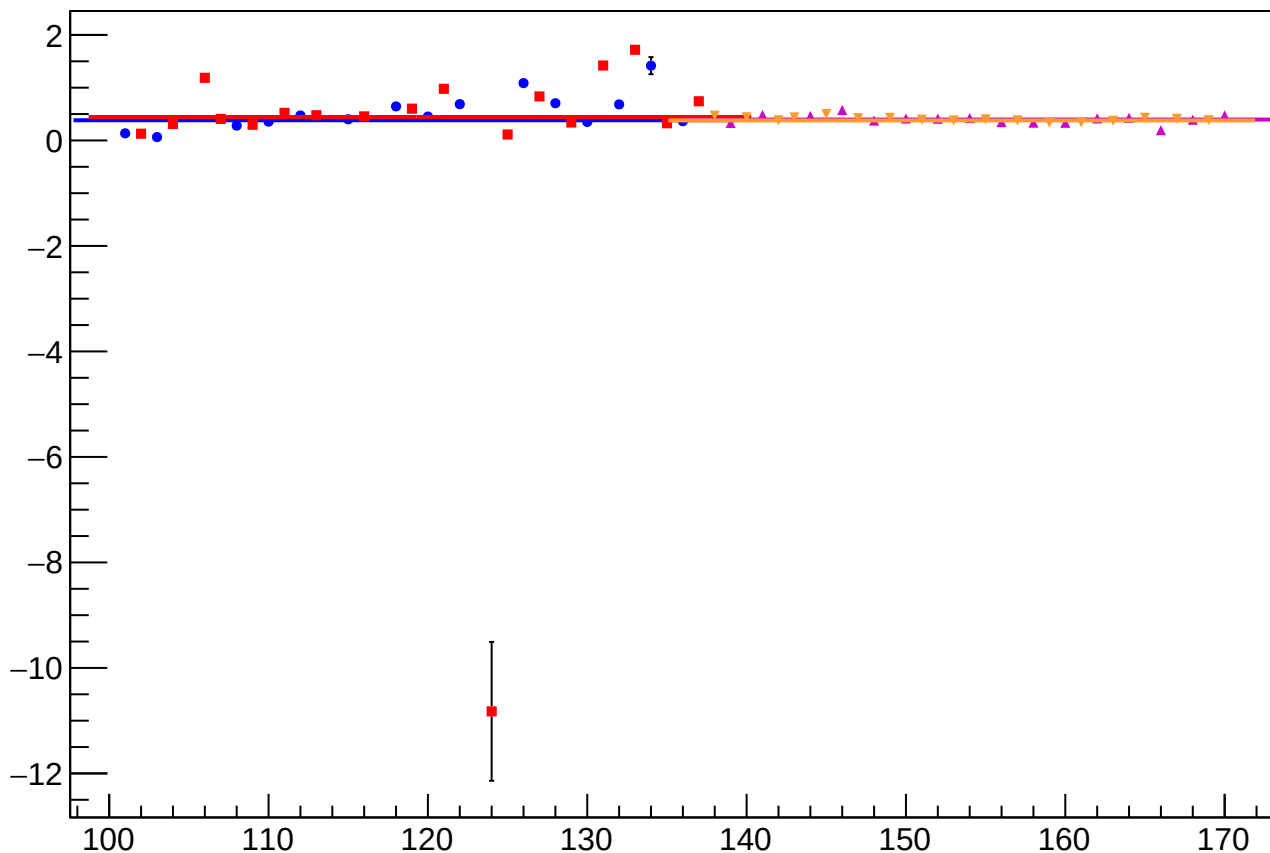
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.843 $\pm$ 0.013 χ^2 /NDF:1065487.8/30

Out: -69.270 $\pm$ 0.014 χ^2 /NDF:926731.5/34

All: -69.567 $\pm$ 0.009 χ^2 /NDF: 1993129.7/65

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.379 $\pm$ 0.001 χ^2 /NDF: 5836.2/16

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 7328.2/15

Left: 0.388 $\pm$ 0.000 χ^2 /NDF: 13674.0/32

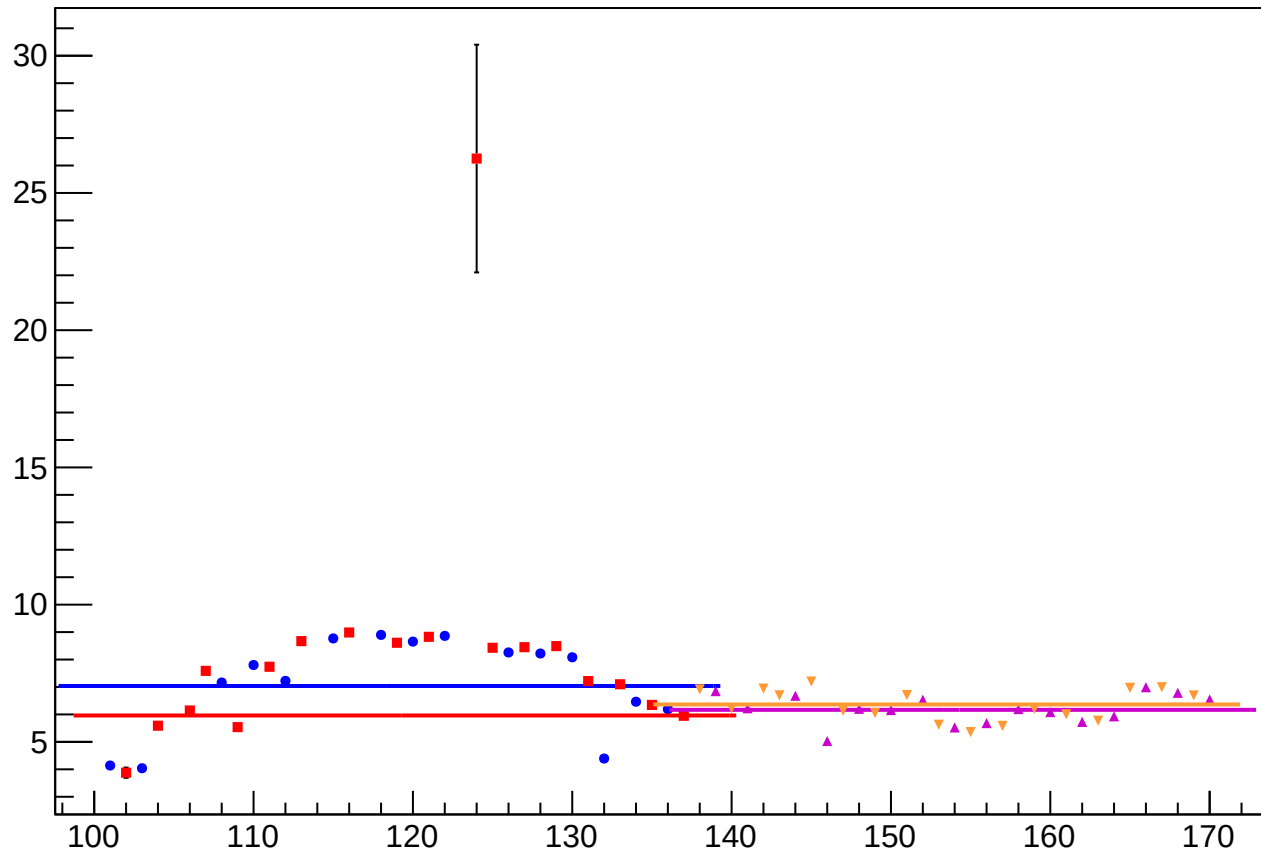
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.000 χ^2 /NDF: 15548.1/30

Out: 0.381 $\pm$ 0.001 χ^2 /NDF: 8929.4/34

All: 0.388 $\pm$ 0.000 χ^2 /NDF: 24876.5/65

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.363 $\pm$ 0.002 χ^2 /NDF: 59046.7/16

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.168 $\pm$ 0.002 χ^2 /NDF: 44785.4/15

Left: 6.259 $\pm$ 0.001 χ^2 /NDF: 110870.5/32

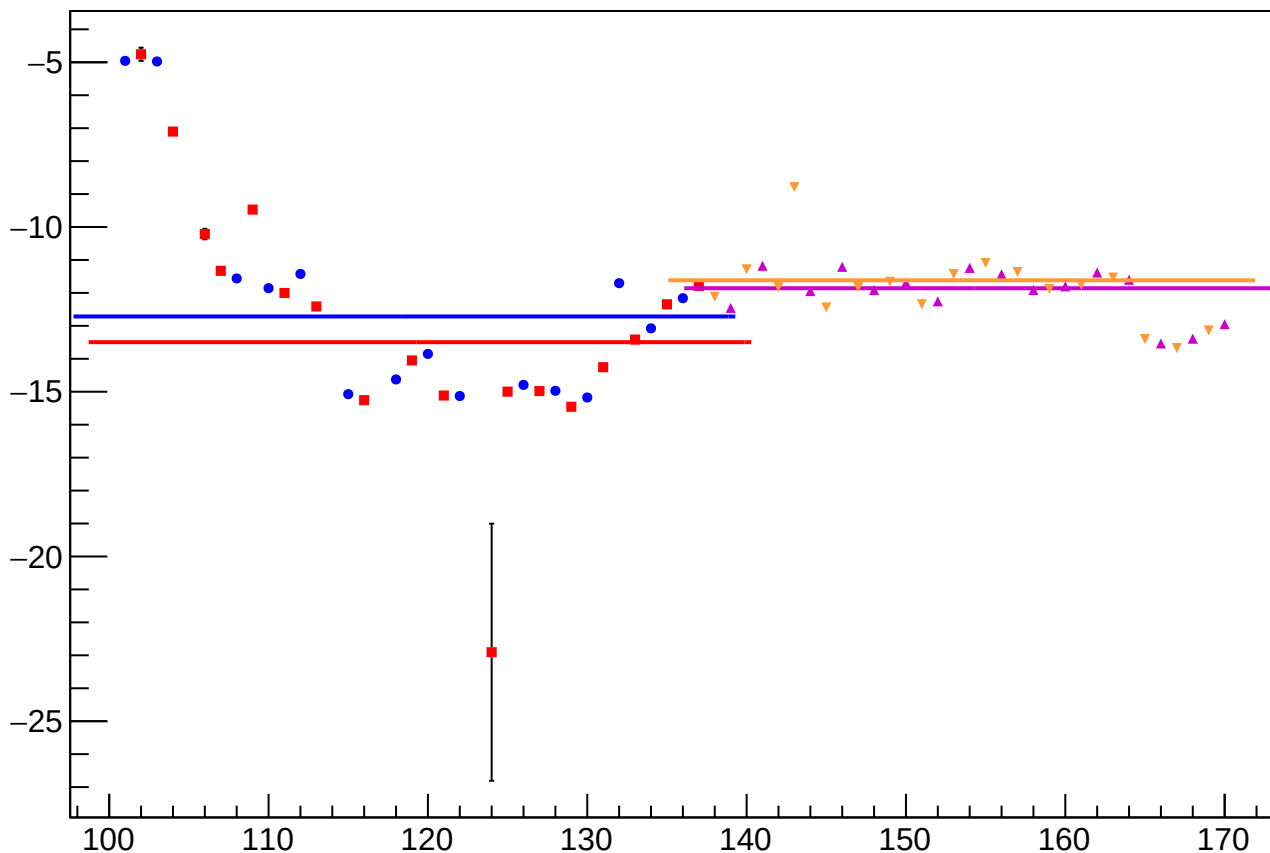
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.264 $\pm$ 0.002 χ^2 /NDF: 147504.5/30

Out: 5.984 $\pm$ 0.000 χ^2 /NDF: 280050.2/34

All: 6.002 $\pm$ 0.000 χ^2 /NDF: 459982.3/65

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.617 $\pm$ 0.002 χ^2 /NDF: 316568.7/16

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.859 $\pm$ 0.002 χ^2 /NDF: 53589.7/15

Left: -11.742 $\pm$ 0.002 χ^2 /NDF: 375828.8/32

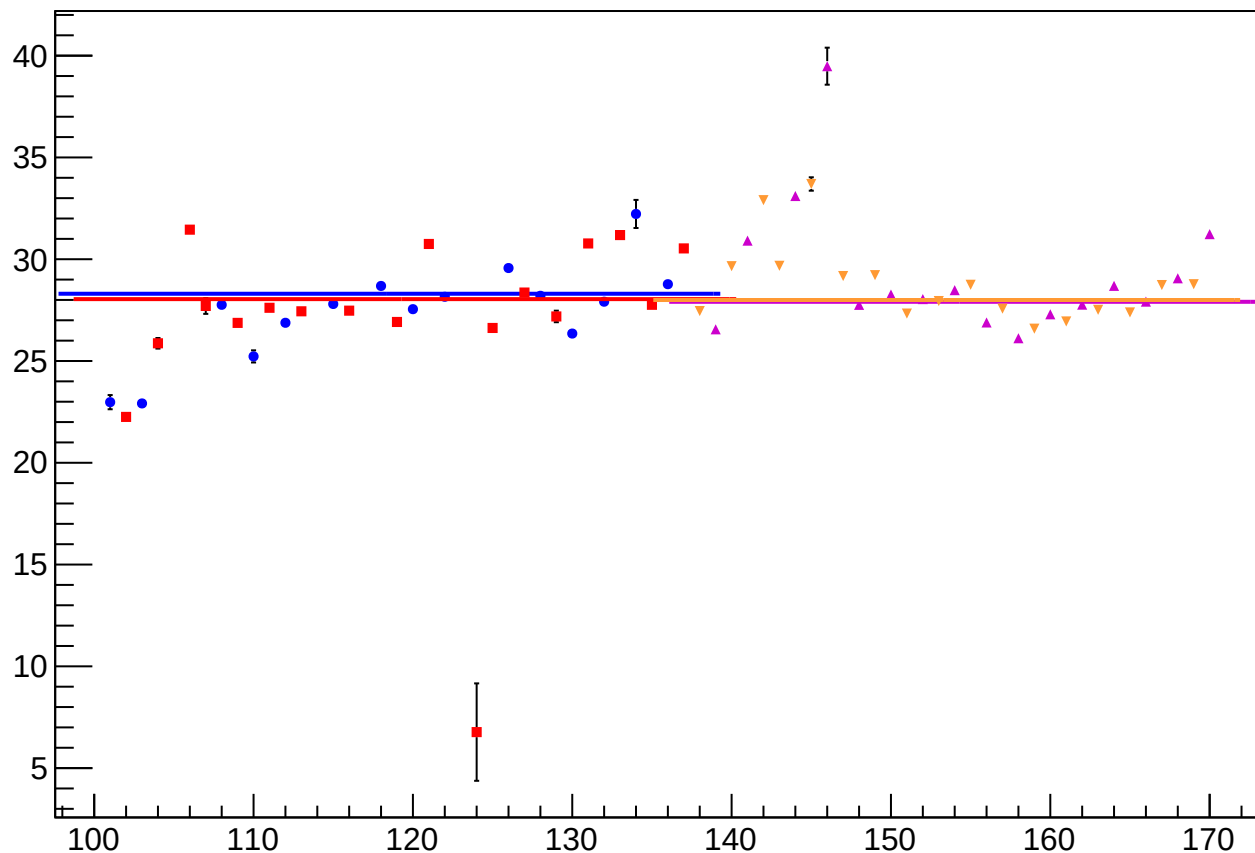
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.952 $\pm$ 0.002 χ^2 /NDF: 154883.8/30

Out: -11.872 $\pm$ 0.002 χ^2 /NDF: 462665.7/34

All: -11.913 $\pm$ 0.002 χ^2 /NDF: 618266.2/65

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.996 ± 0.020 $\chi^2/\text{NDF}: 3745.7/16$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.908 ± 0.016 $\chi^2/\text{NDF}: 6829.9/15$

Left: 27.943 ± 0.013 $\chi^2/\text{NDF}: 10587.4/32$

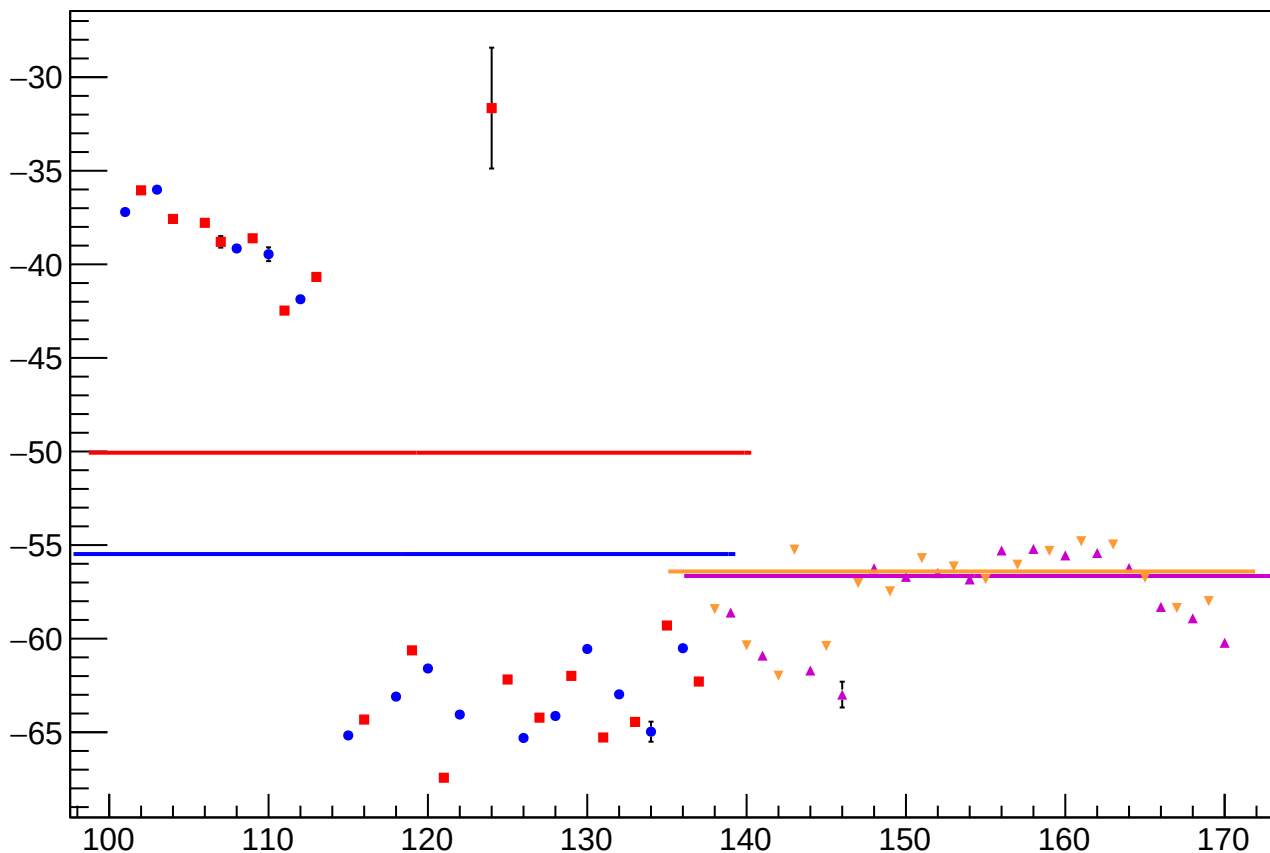
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.039 ± 0.013 $\chi^2/\text{NDF}: 10427.1/30$

Out: 28.009 ± 0.017 $\chi^2/\text{NDF}: 6308.6/34$

All: 28.027 ± 0.010 $\chi^2/\text{NDF}: 16737.6/65$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.410 ± 0.017 $\chi^2/\text{NDF}: 8413.0/16$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.654 ± 0.014 $\chi^2/\text{NDF}: 12180.6/15$

Left: -56.556 ± 0.011 $\chi^2/\text{NDF}: 20721.5/32$

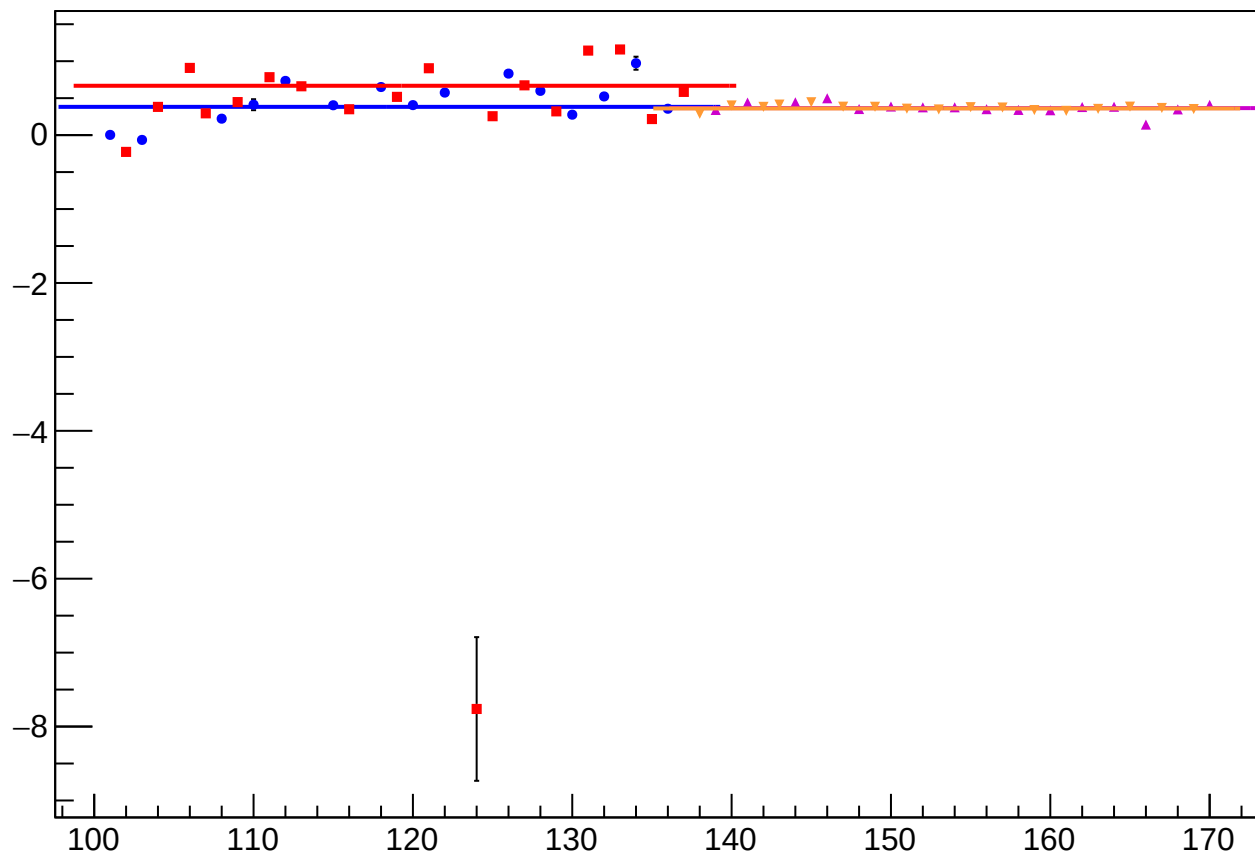
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.179 ± 0.011 $\chi^2/\text{NDF}: 610310.1/30$

Out: -54.243 ± 0.014 $\chi^2/\text{NDF}: 398075.4/34$

All: -55.447 ± 0.008 $\chi^2/\text{NDF}: 1021142.4/65$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.361 ± 0.000 $\chi^2/\text{NDF}: 3931.7/16$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 5637.4/15$

Left: 0.363 ± 0.000 $\chi^2/\text{NDF}: 9639.2/32$

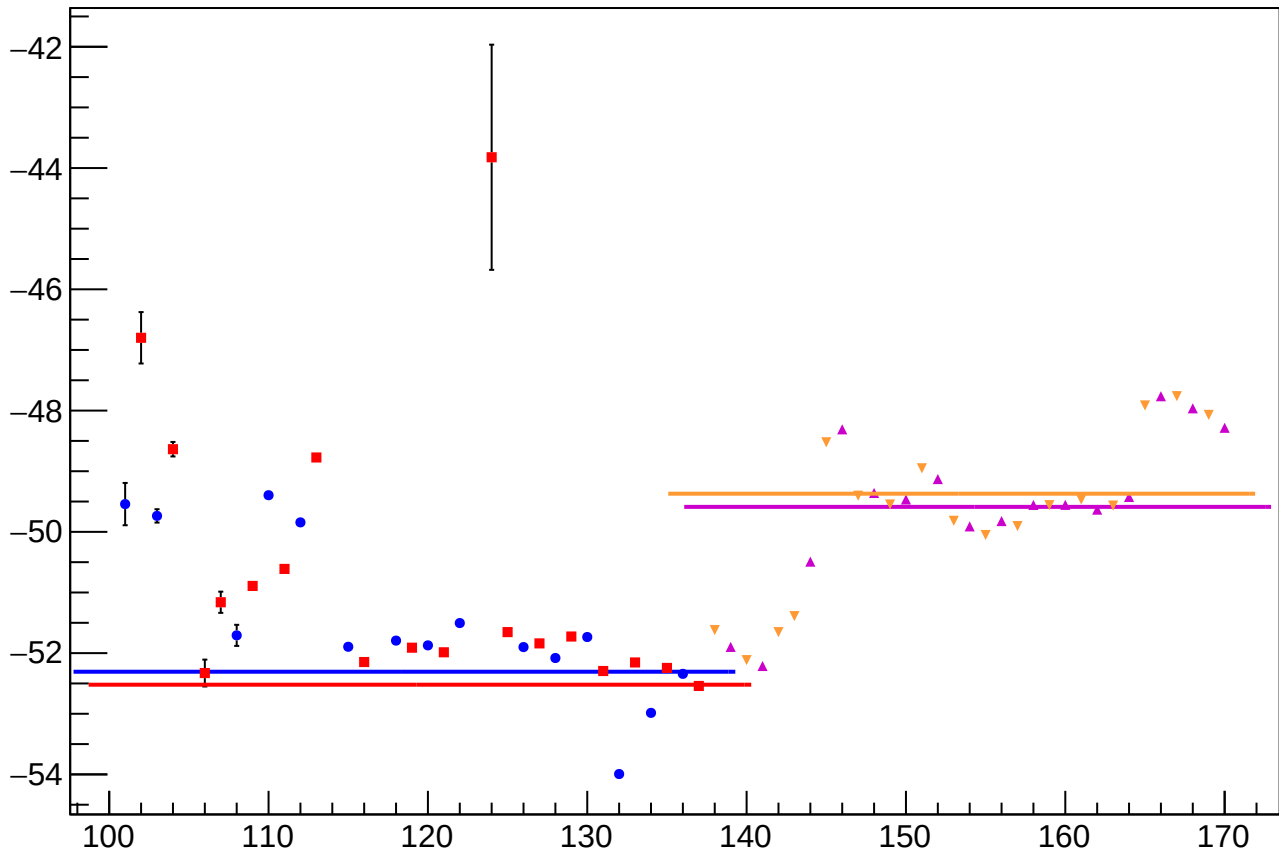
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.366 ± 0.000 $\chi^2/\text{NDF}: 10341.2/30$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 12041.3/34$

All: 0.365 ± 0.000 $\chi^2/\text{NDF}: 22417.5/65$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.371 ± 0.001 χ^2/NDF : 465710.8/16

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.588 ± 0.001 χ^2/NDF : 387125.1/15

Left: -49.479 ± 0.001 χ^2/NDF : 863572.7/32

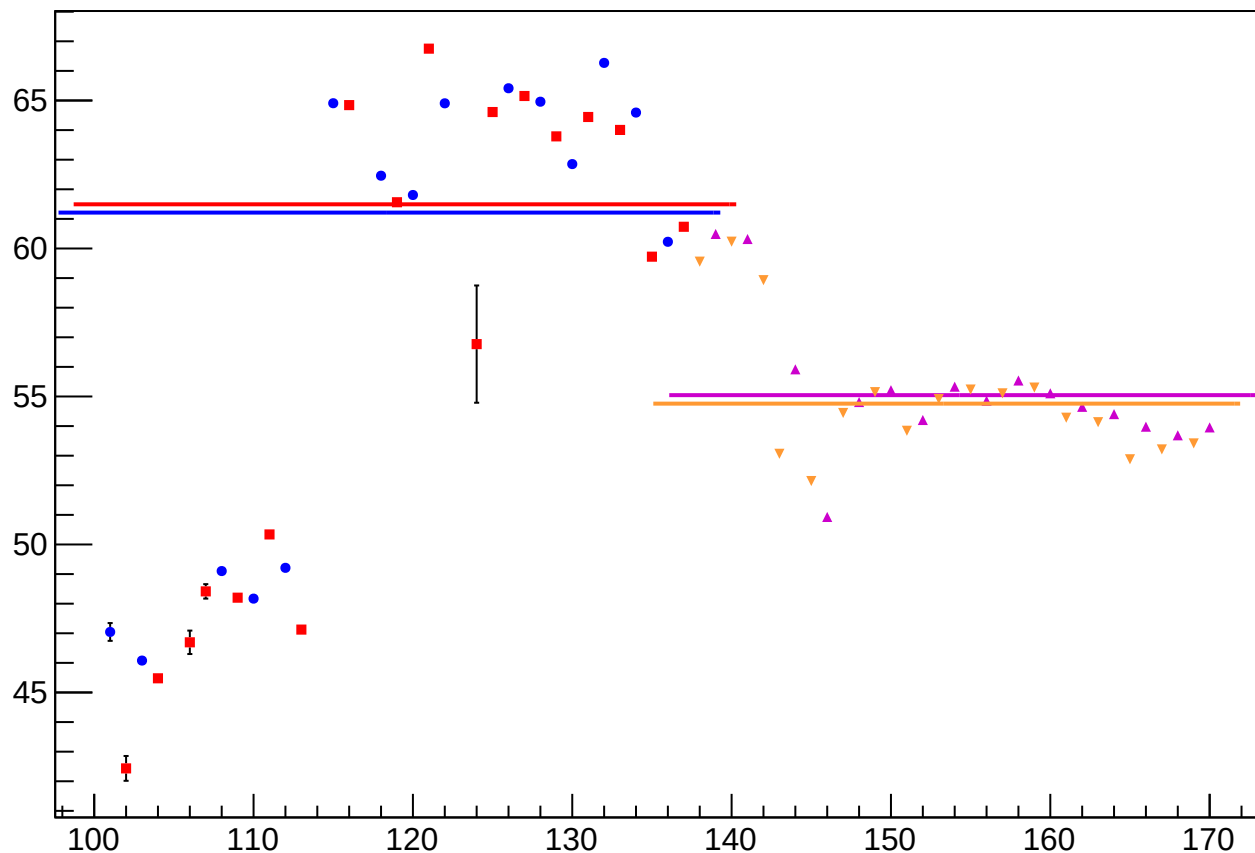
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -49.934 ± 0.001 χ^2/NDF : 840823.0/30

Out: -51.398 ± 0.001 χ^2/NDF : 3386450.4/34

All: -50.974 ± 0.001 χ^2/NDF : 5020120.6/65

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.758 ± 0.003 $\chi^2/\text{NDF}: 247088.3/16$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.045 ± 0.003 $\chi^2/\text{NDF}: 77739.7/15$

Left: 54.917 ± 0.002 $\chi^2/\text{NDF}: 329148.0/32$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.537 ± 0.003 $\chi^2/\text{NDF}: 589578.1/30$

Out: 56.031 ± 0.003 $\chi^2/\text{NDF}: 1305774.3/34$

All: 55.774 ± 0.002 $\chi^2/\text{NDF}: 1910279.5/65$

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

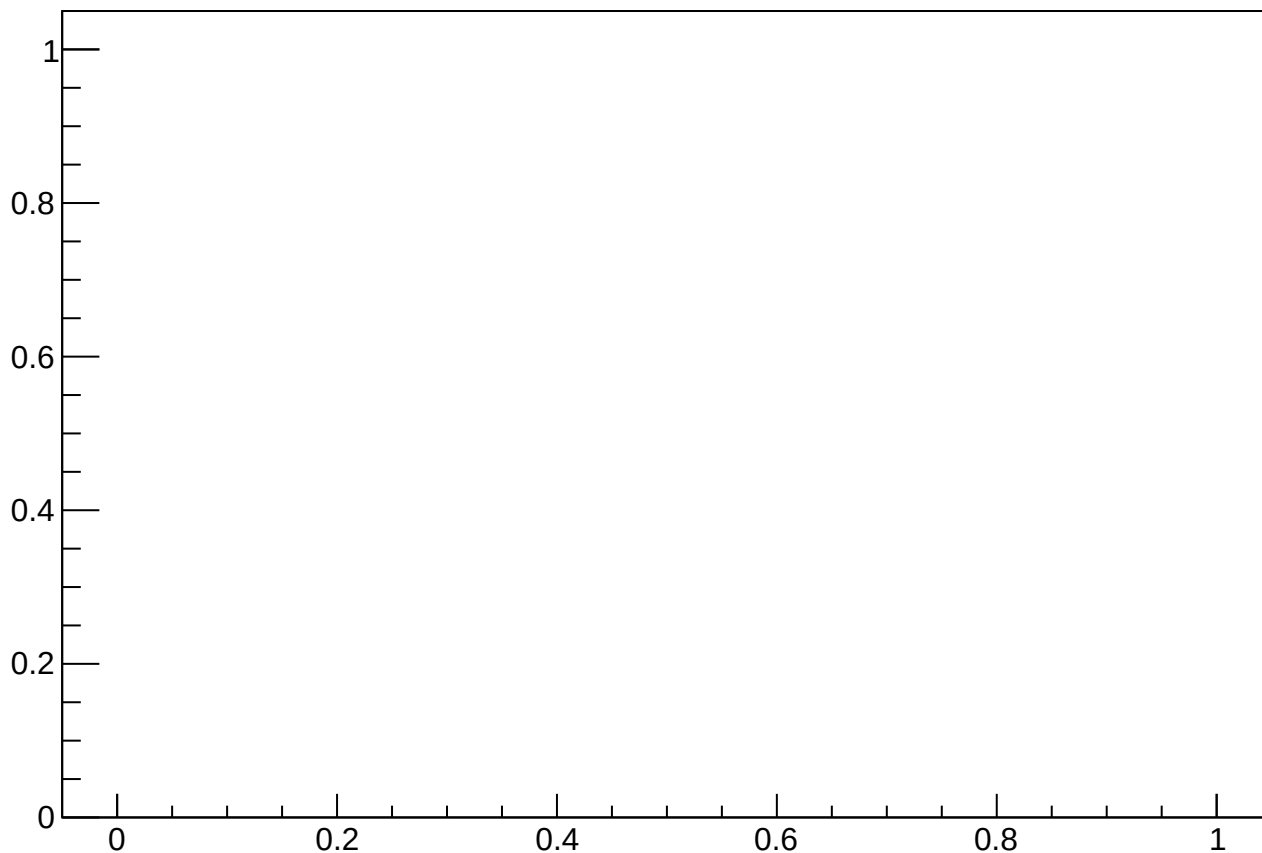
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

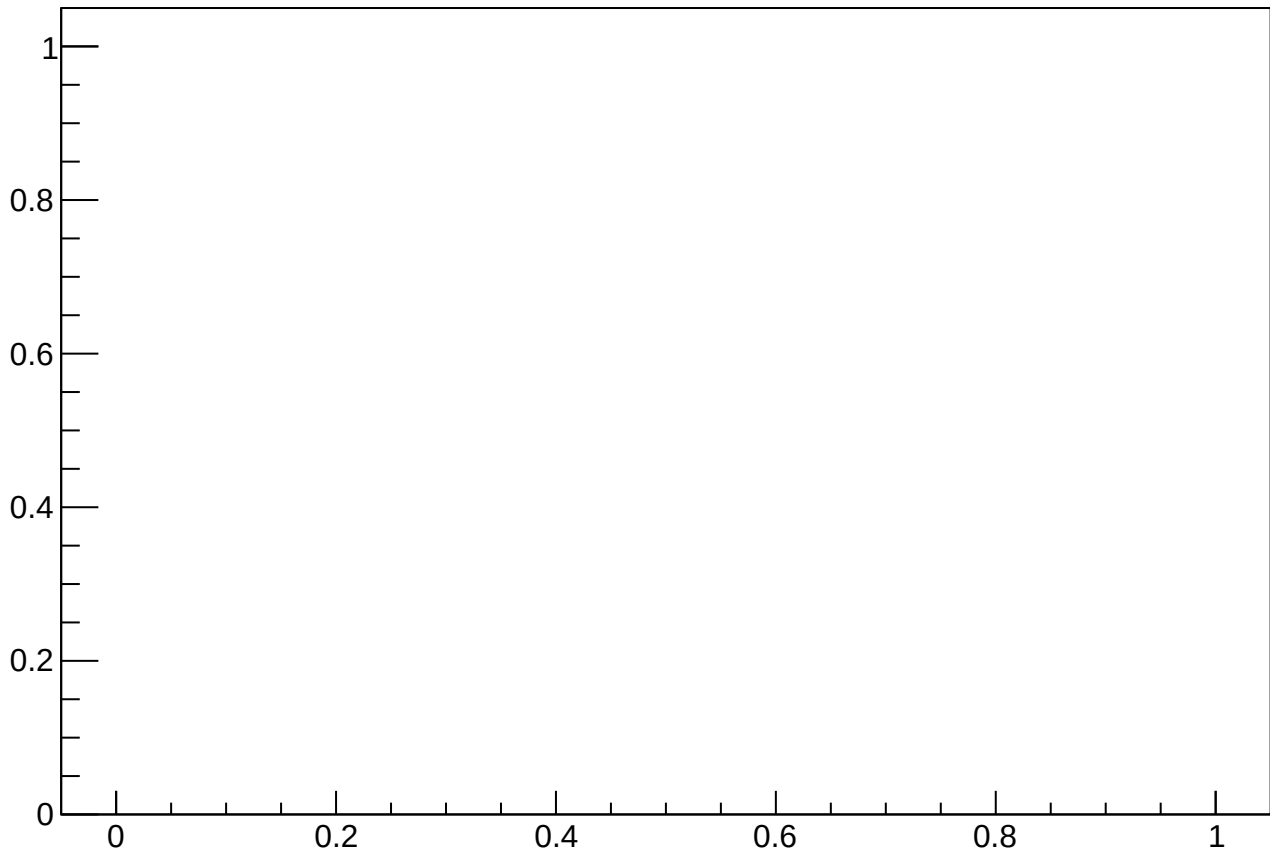
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

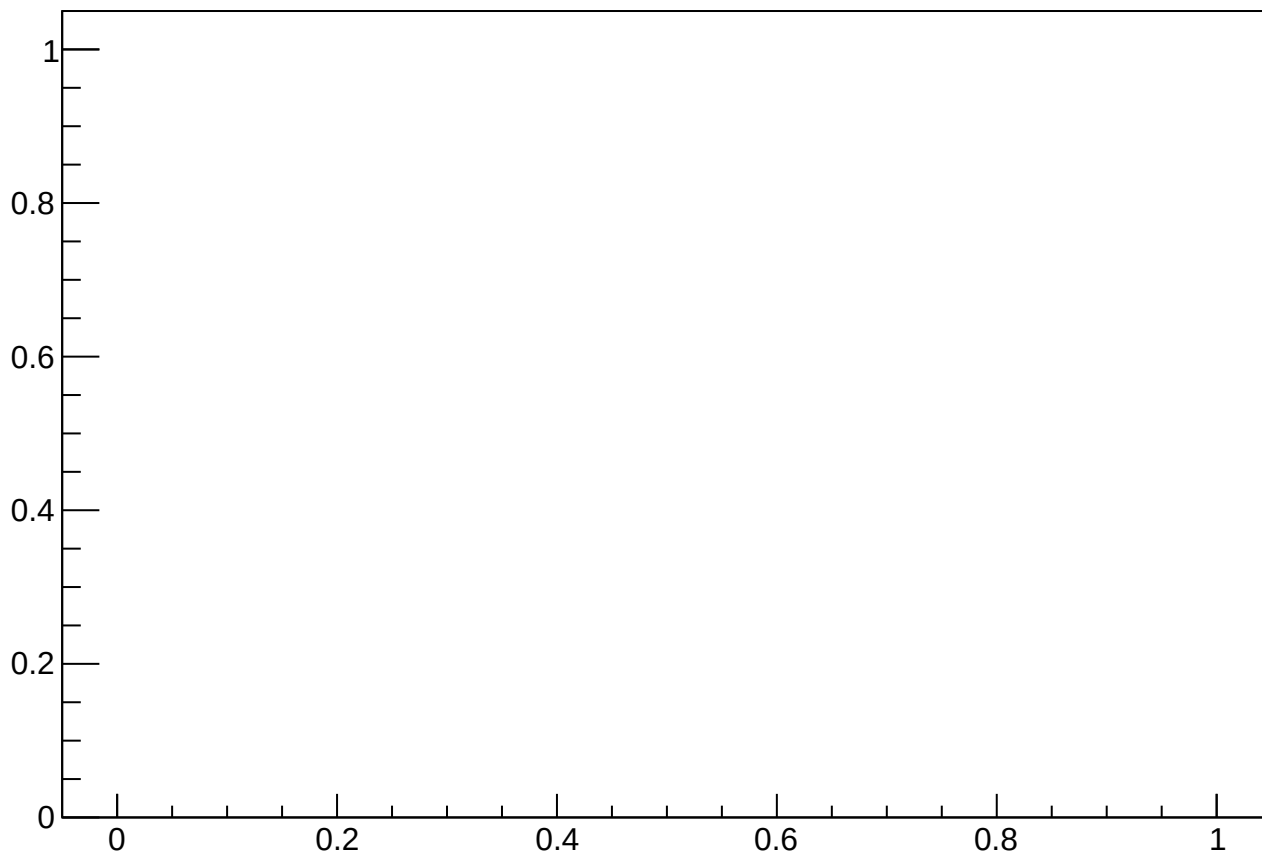
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

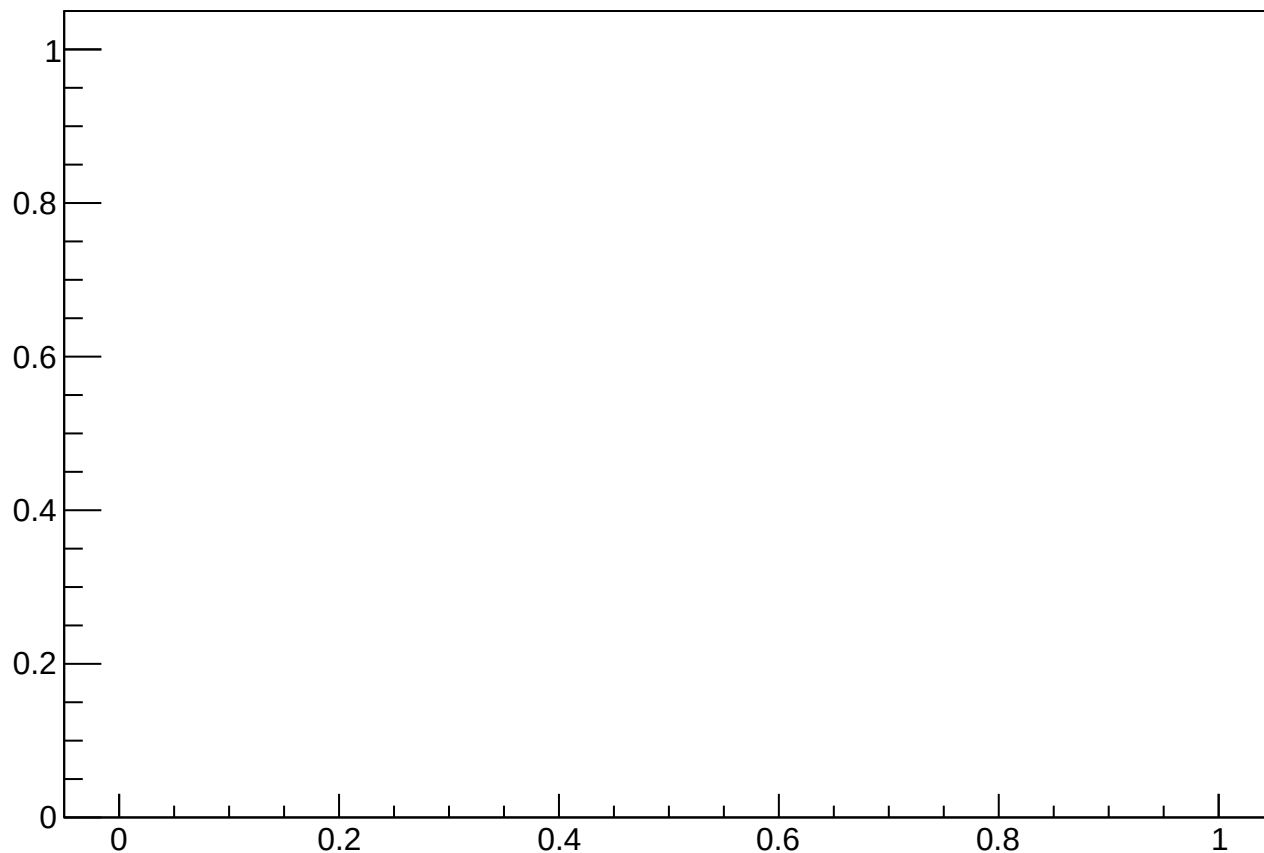
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

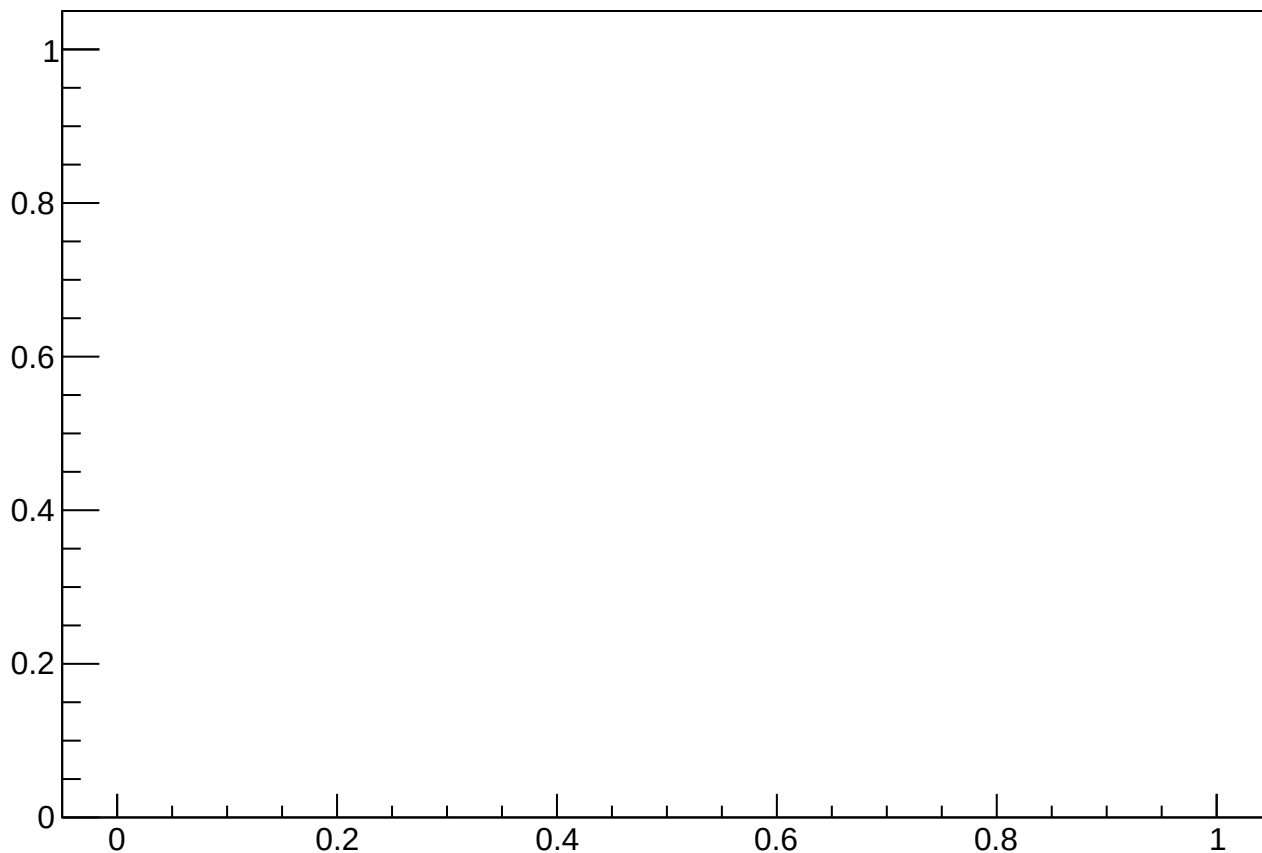
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

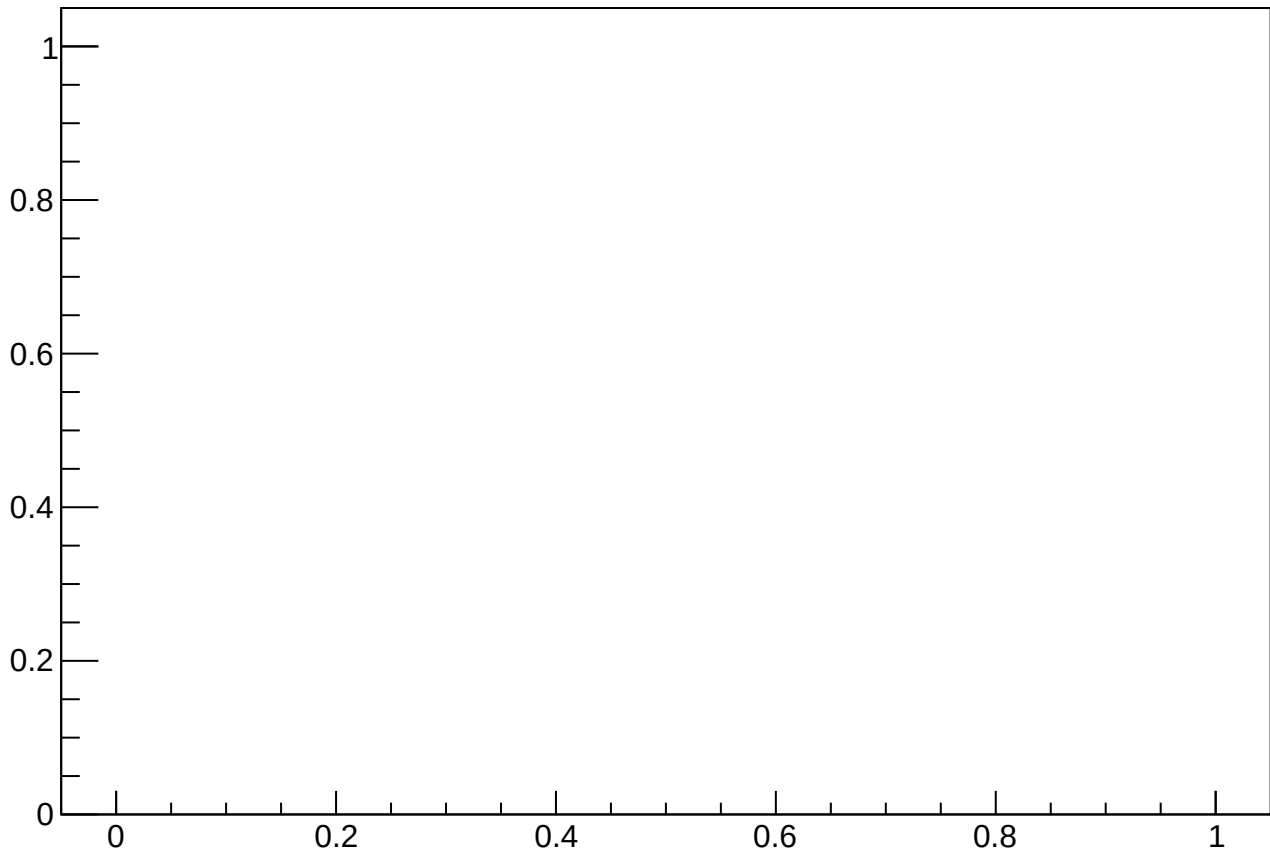
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

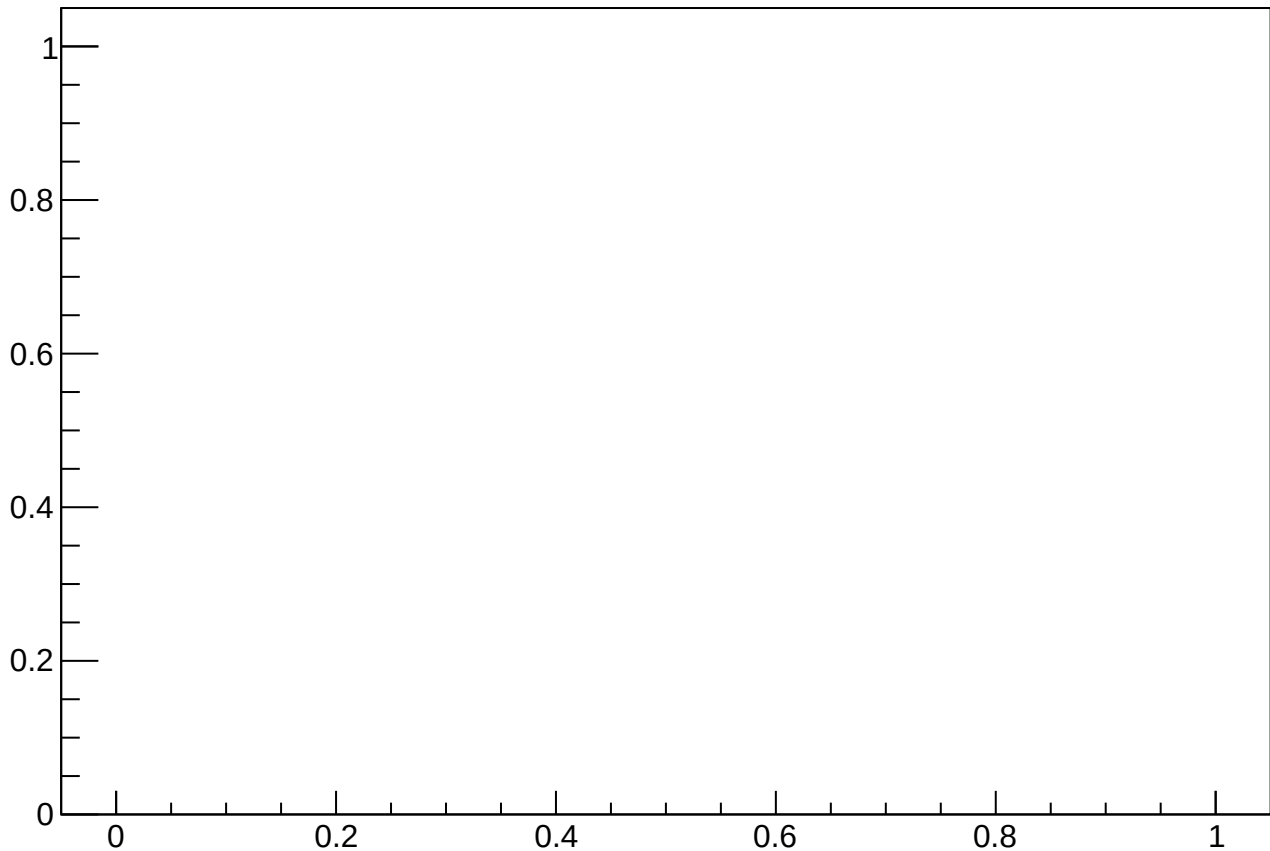
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

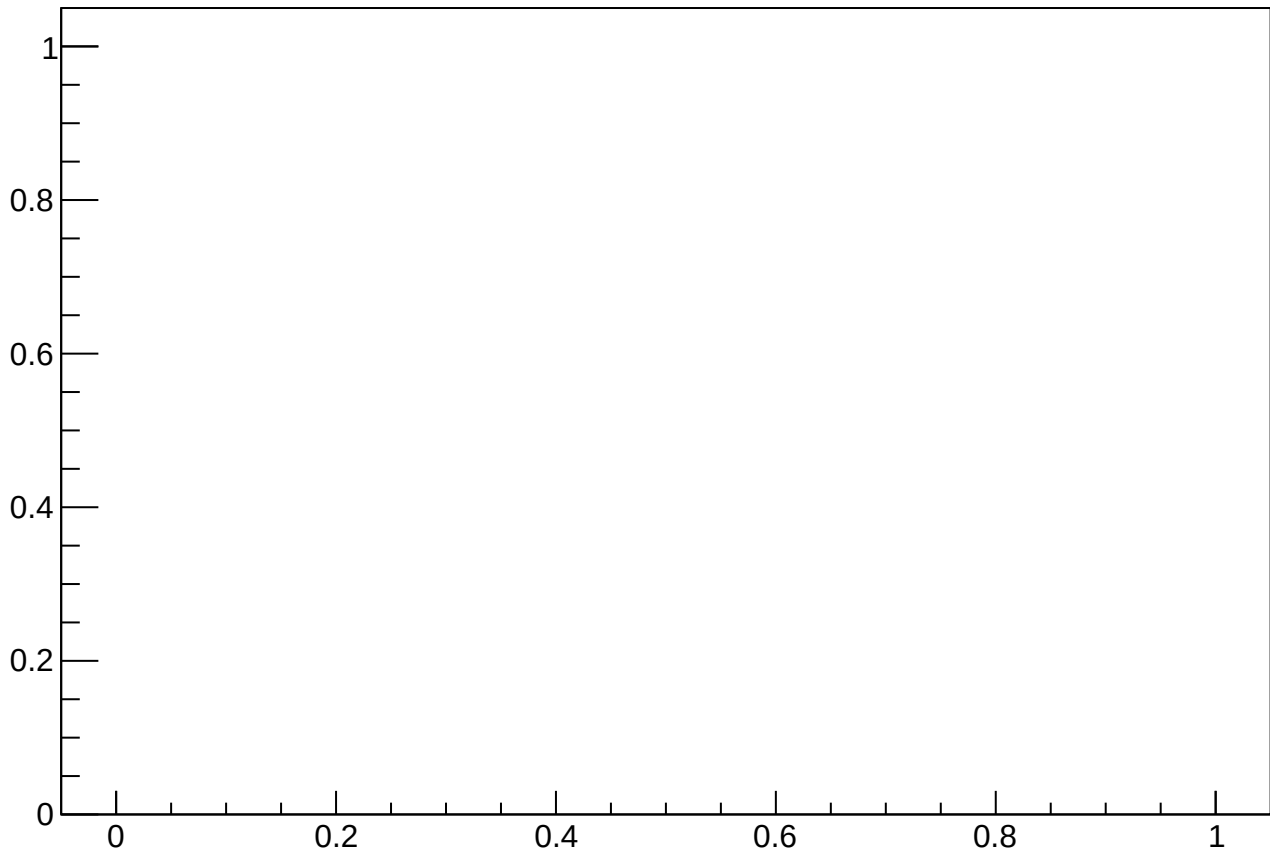
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

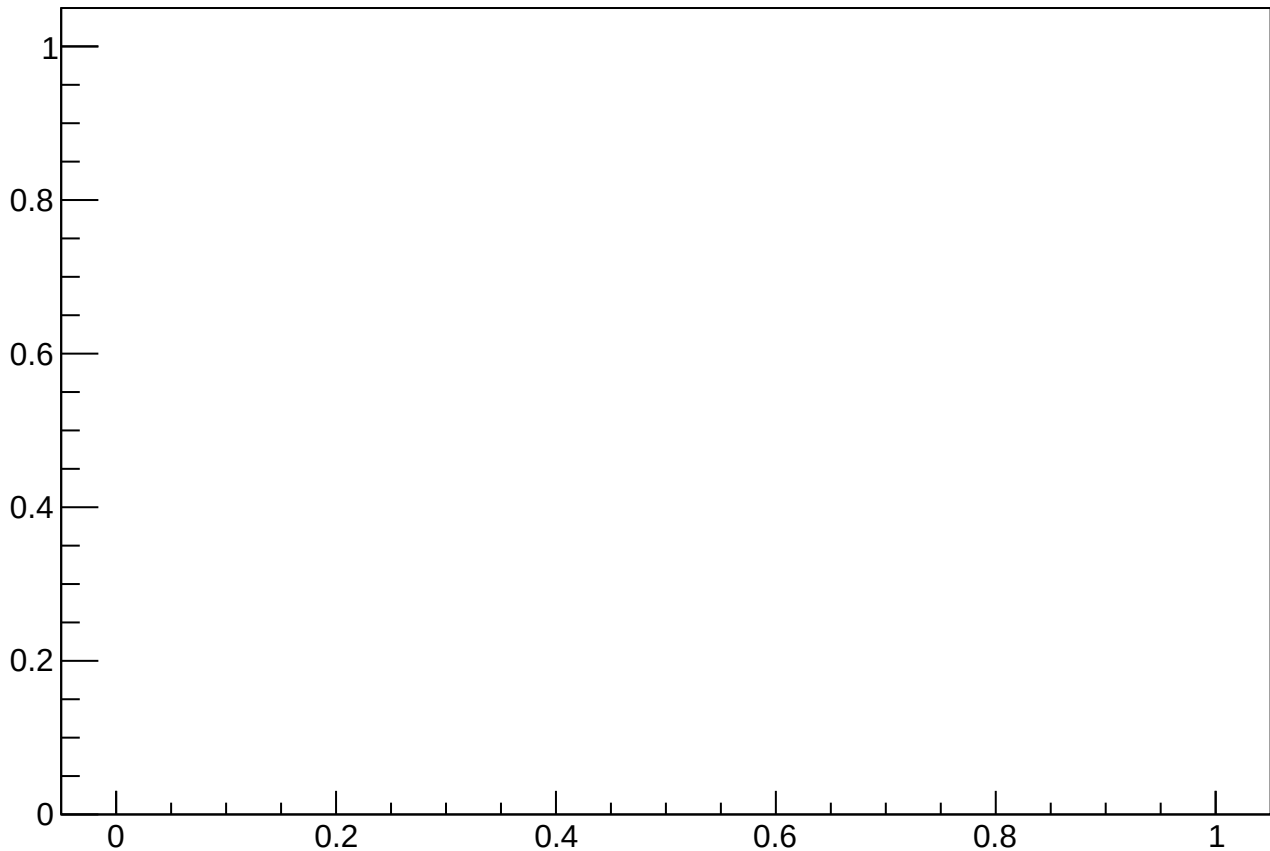
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

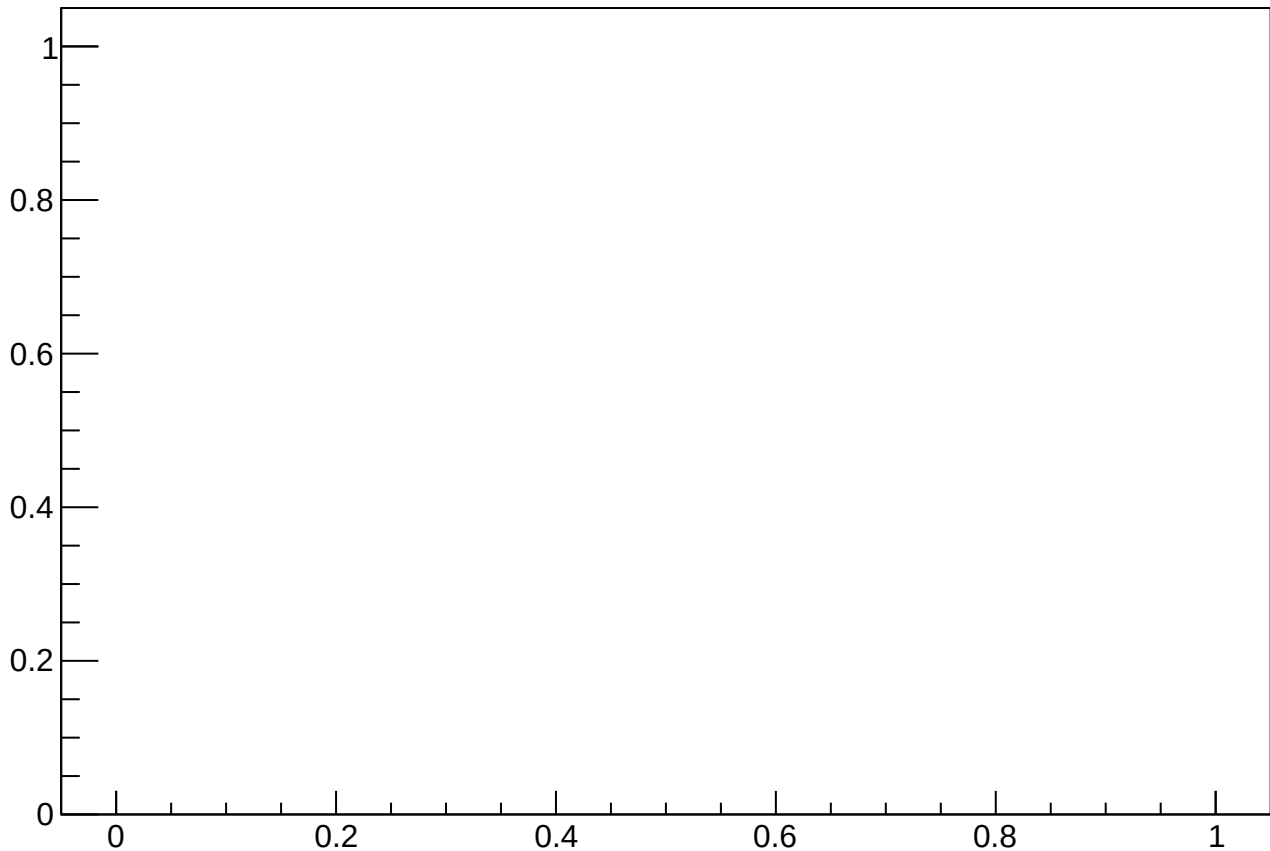
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

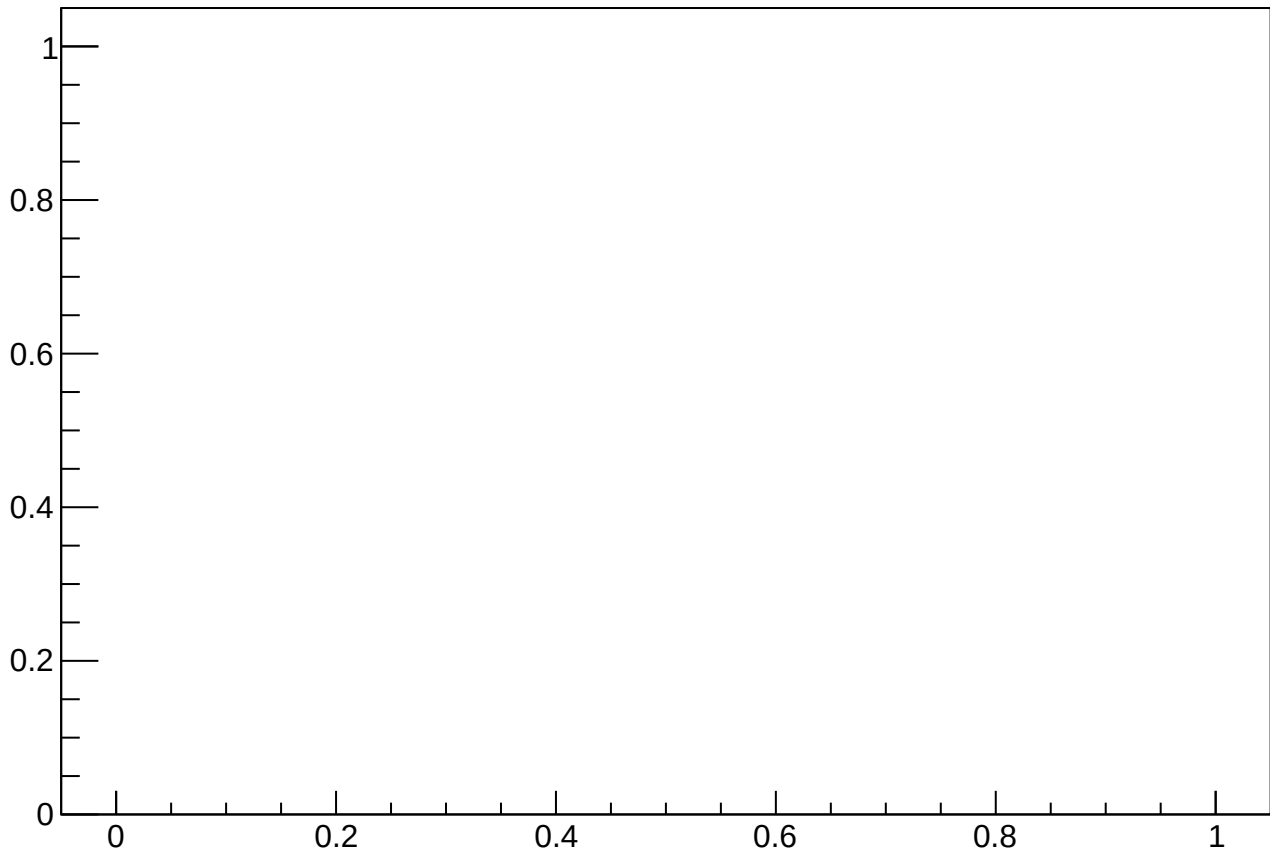
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

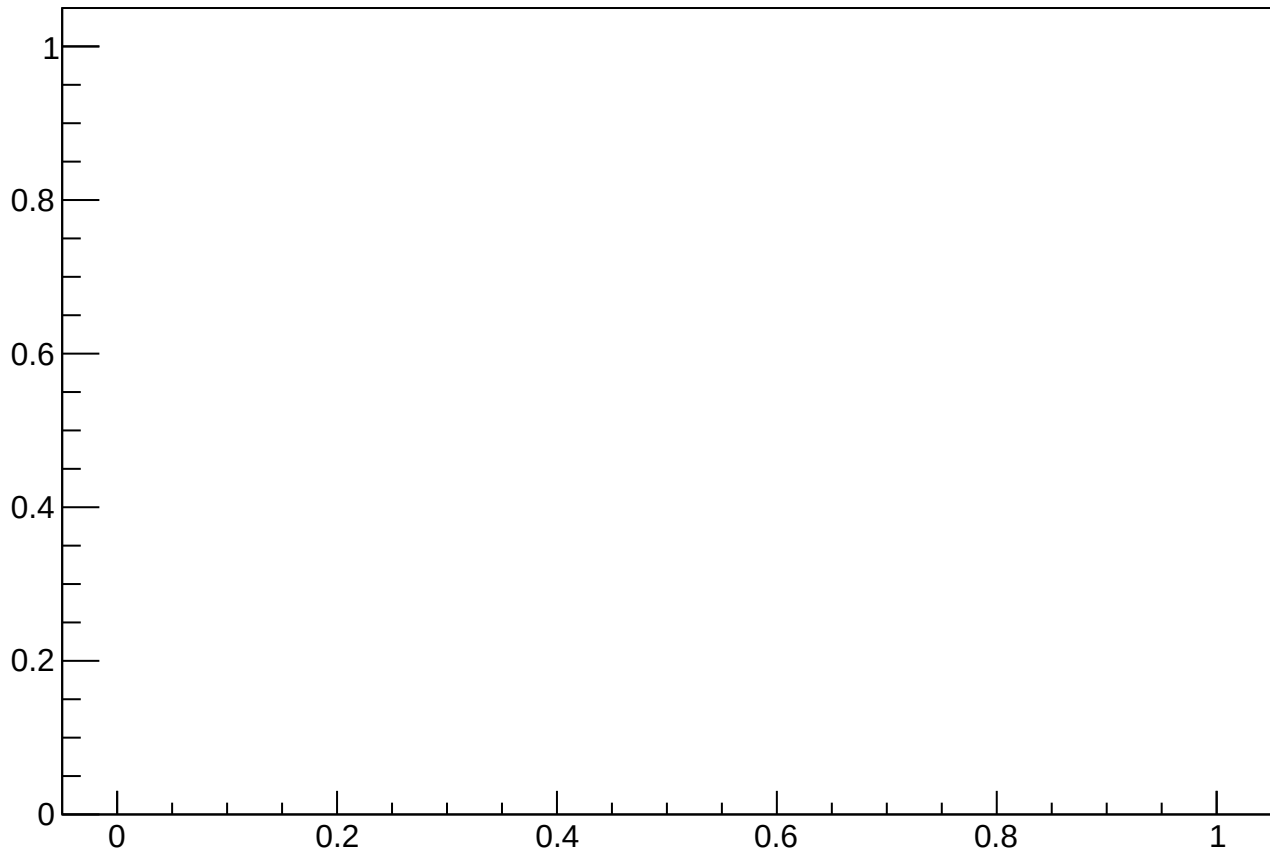
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

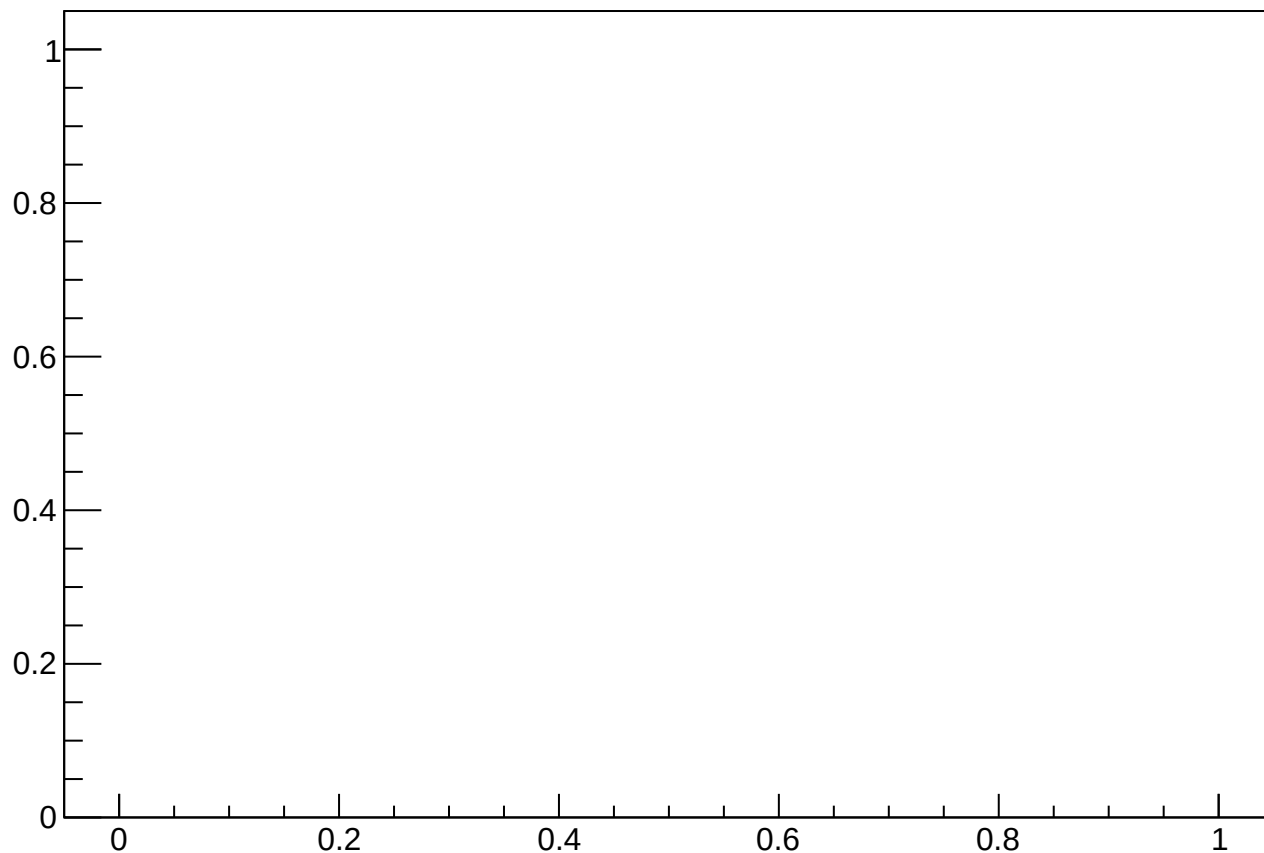
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

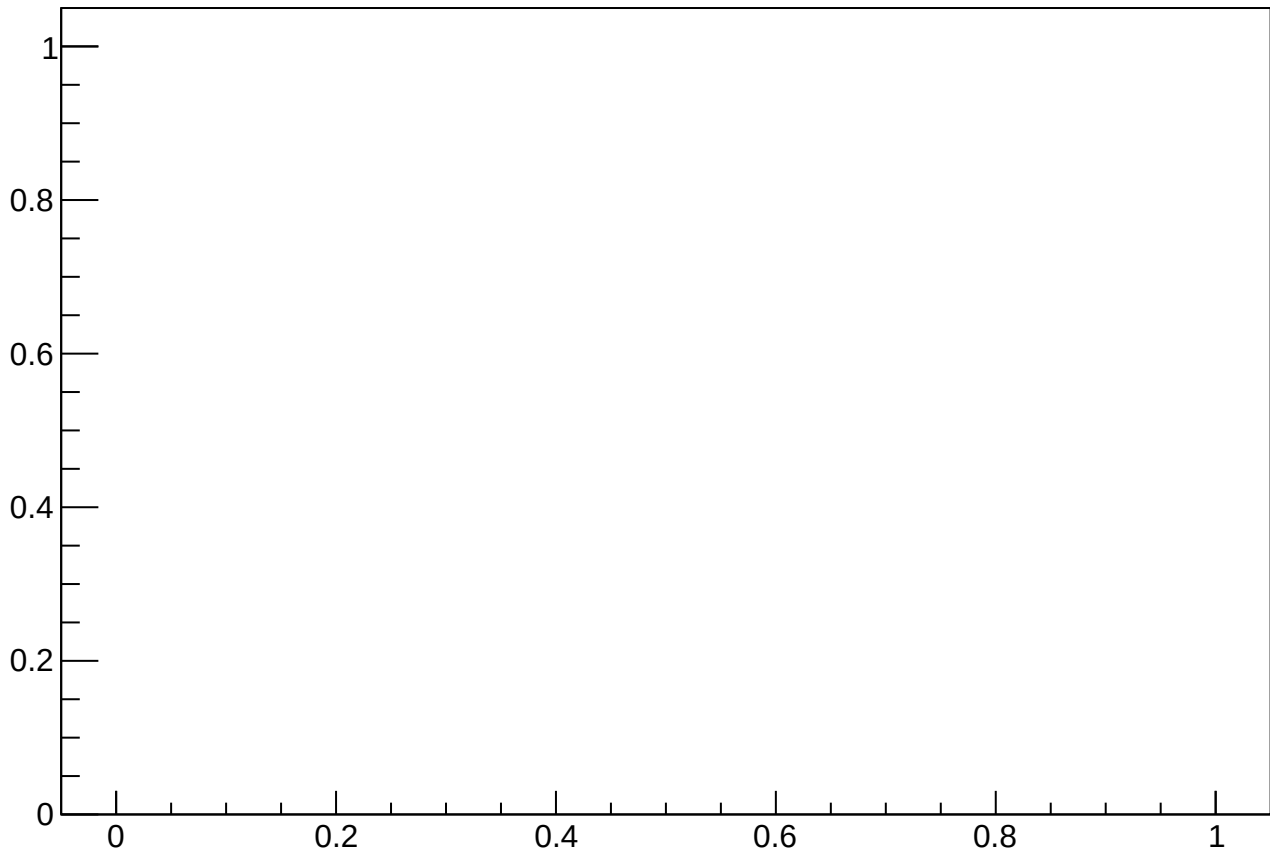
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

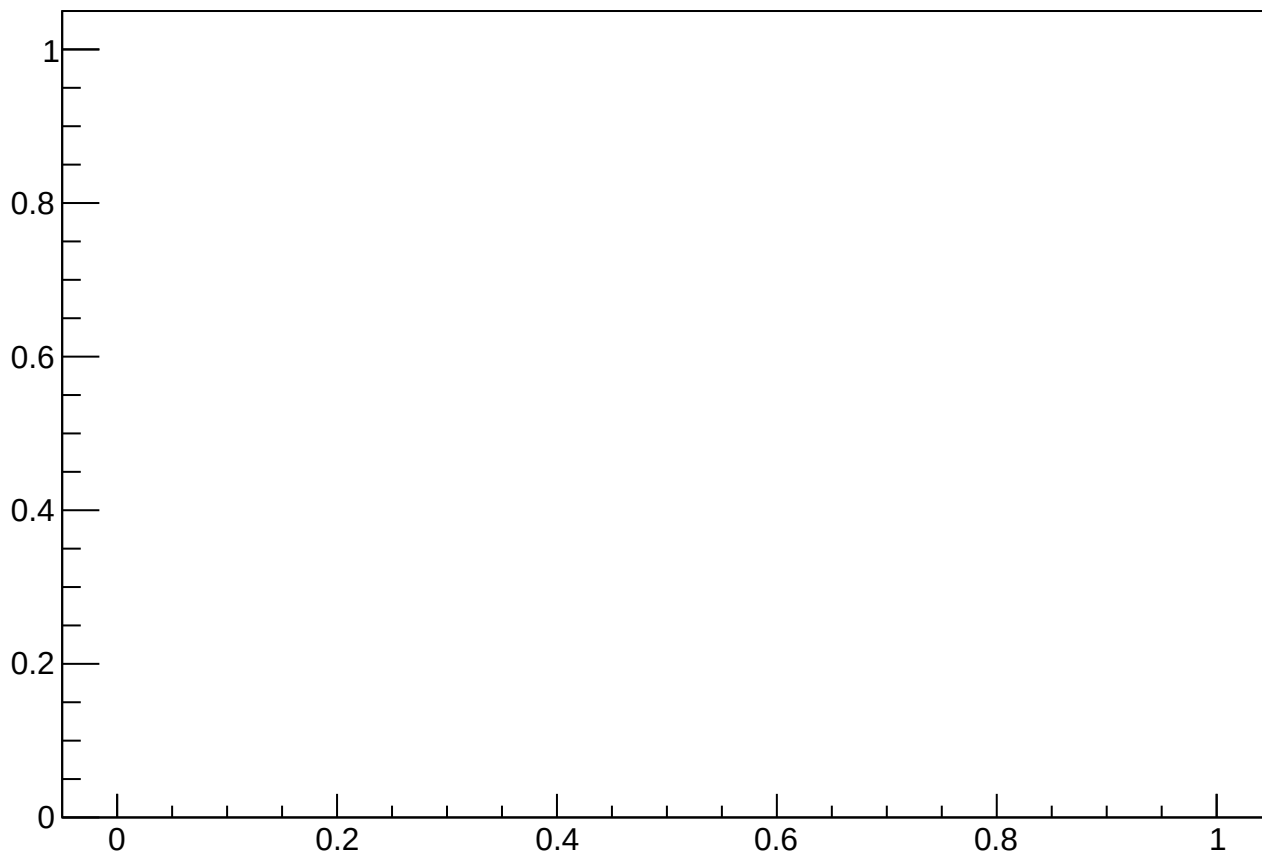
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

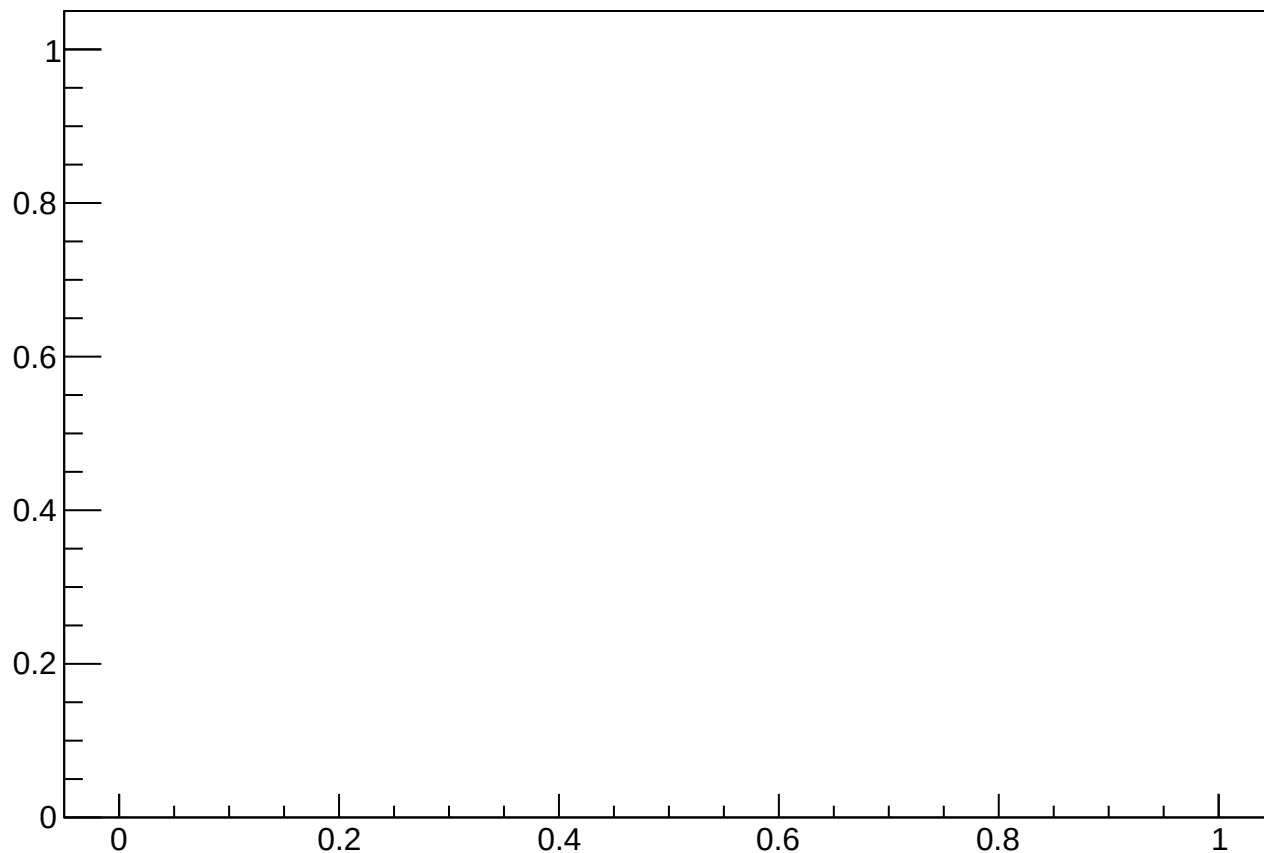
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

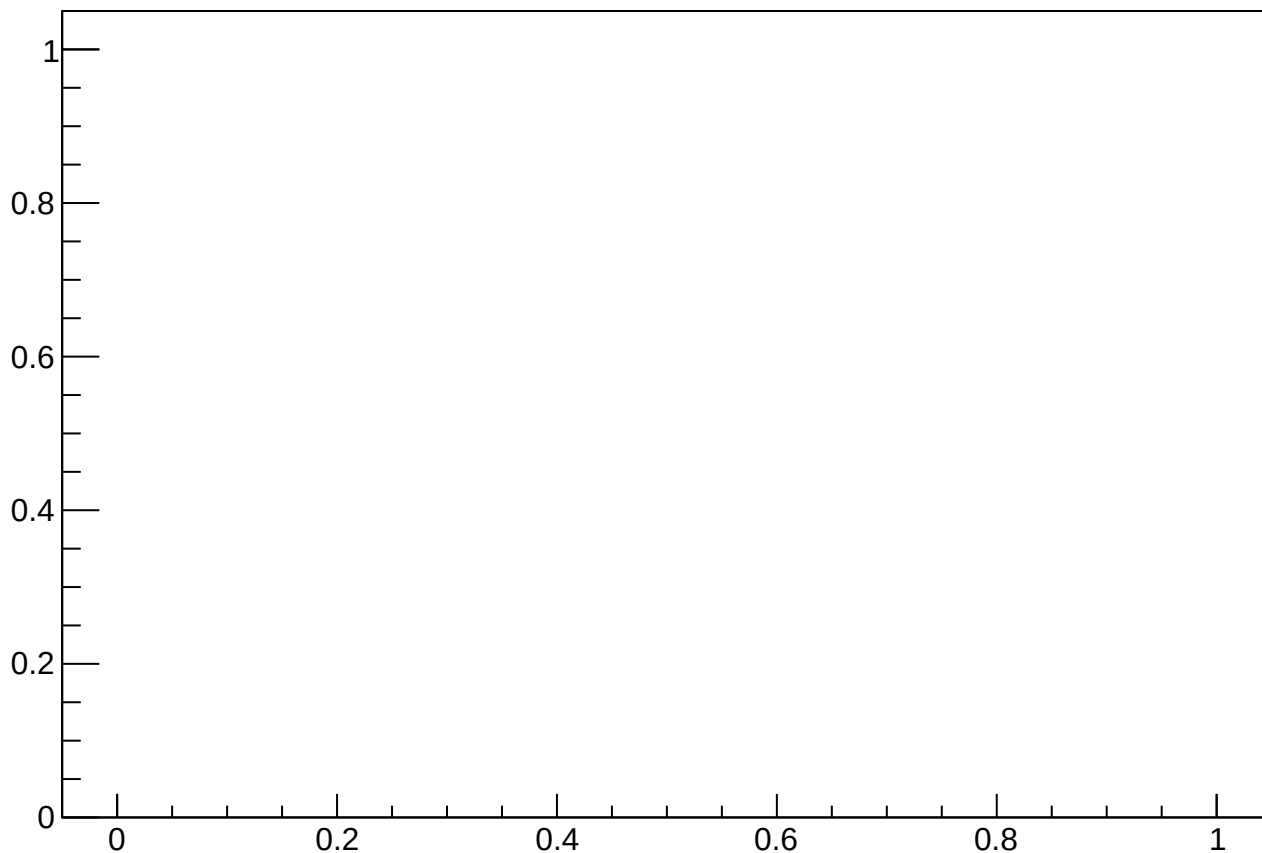
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

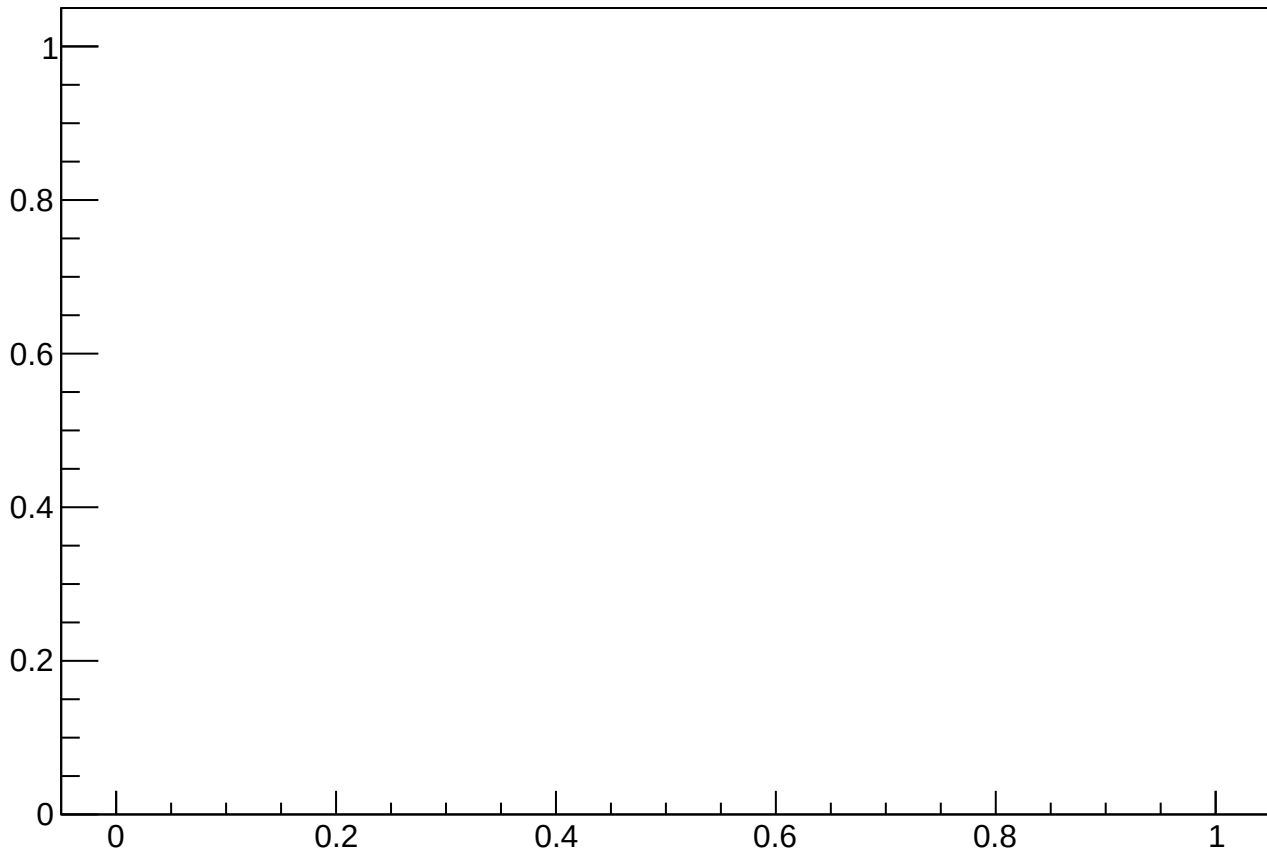
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

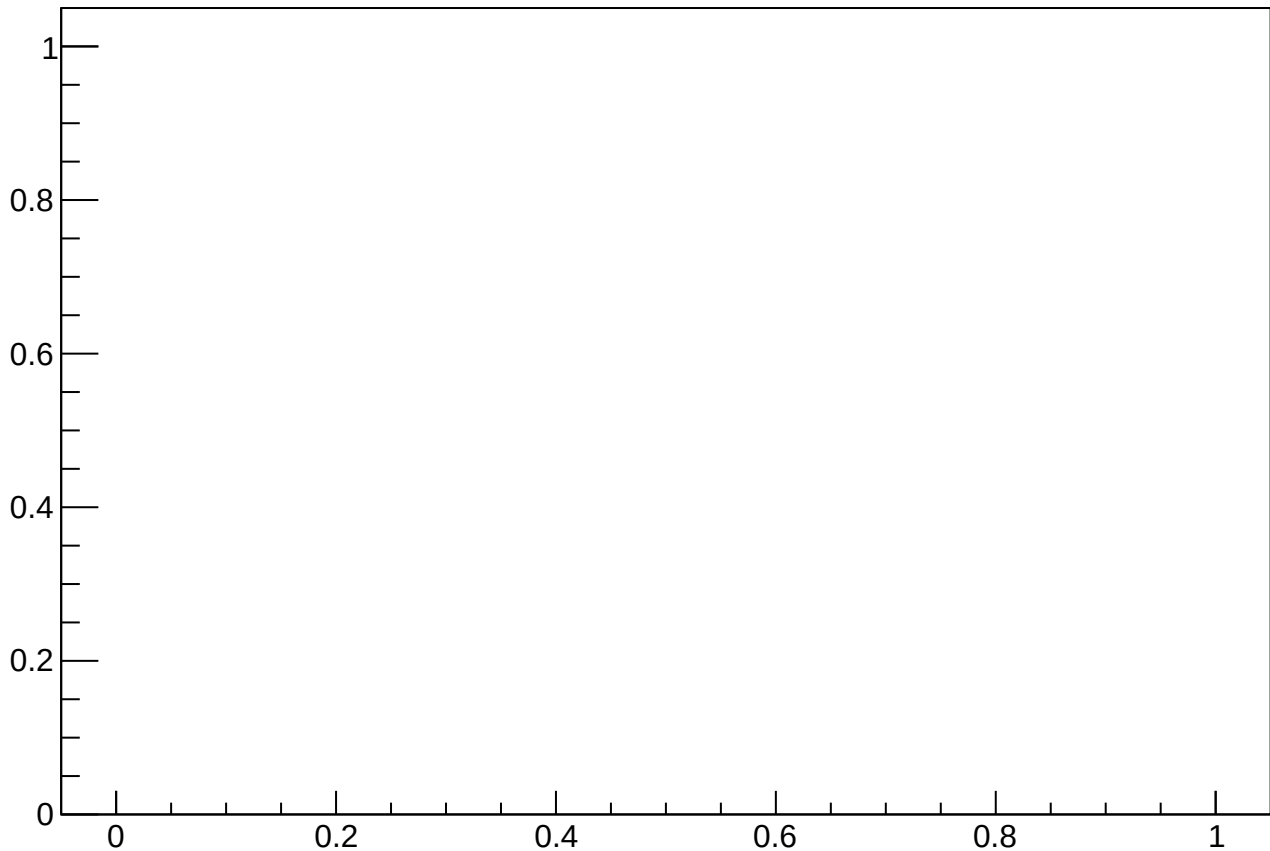
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

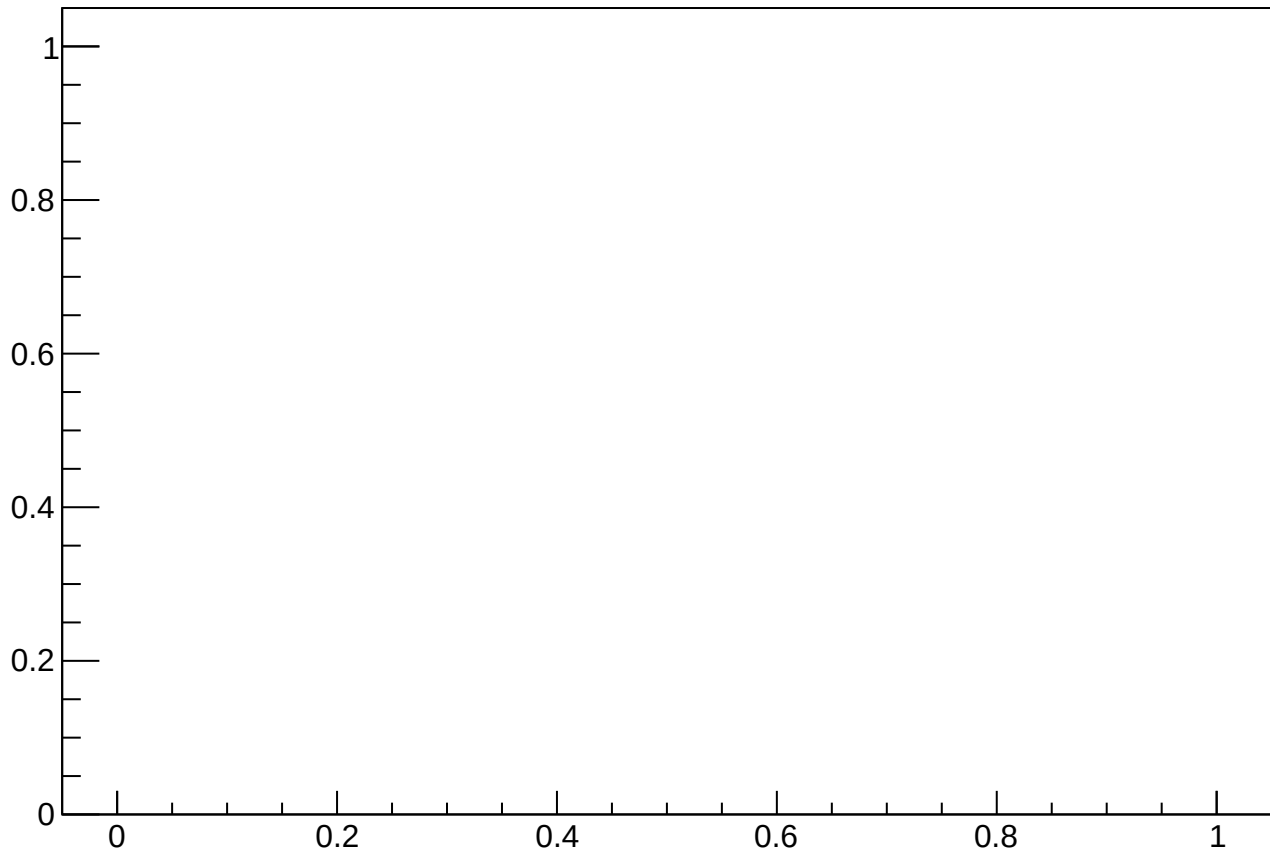
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

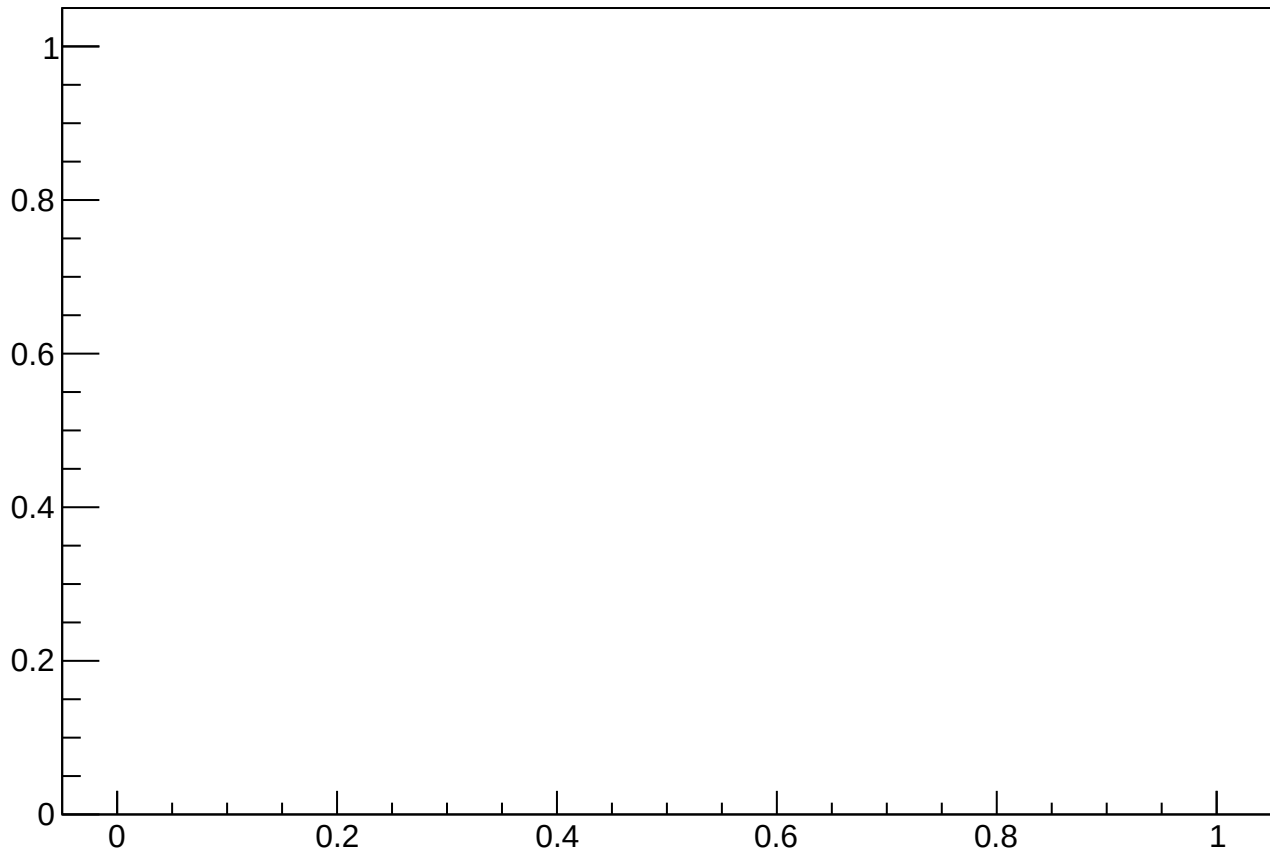
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

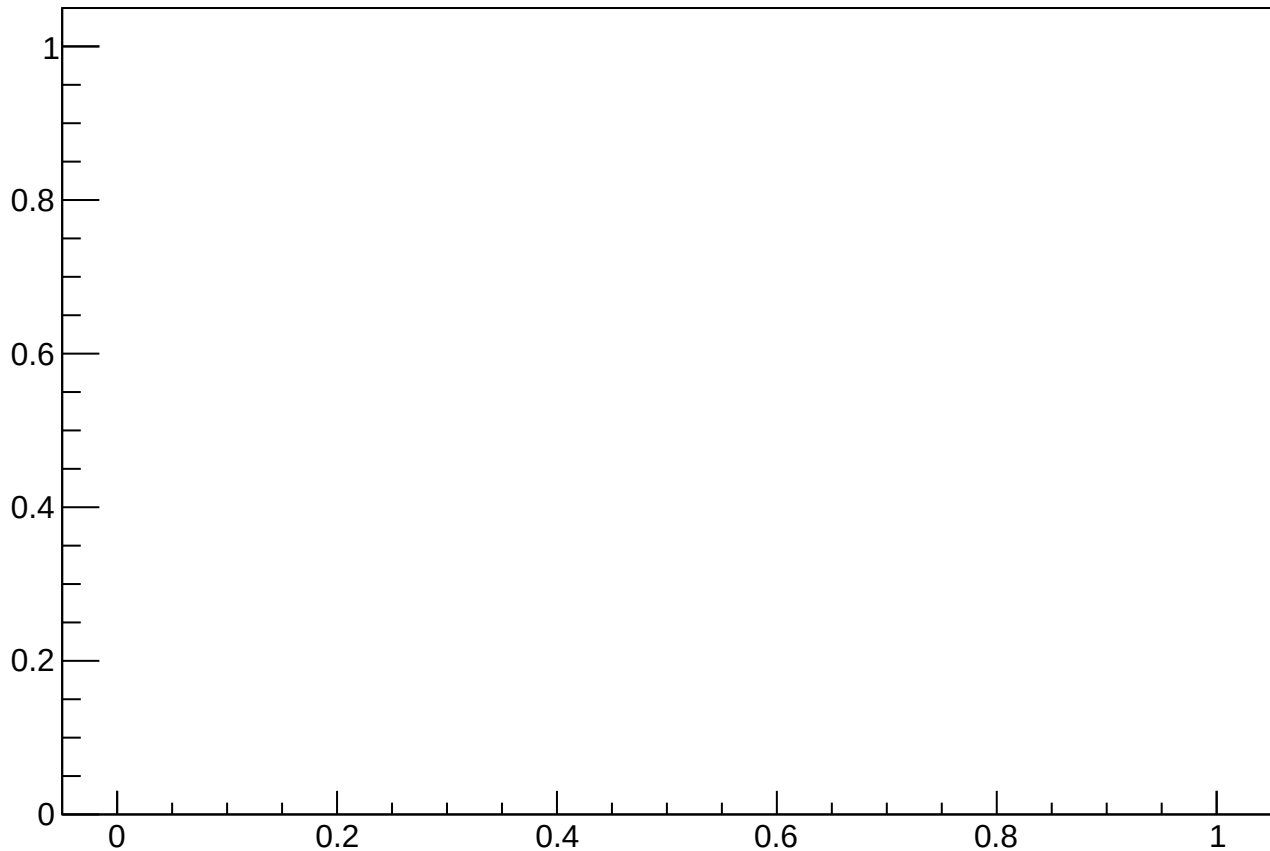
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

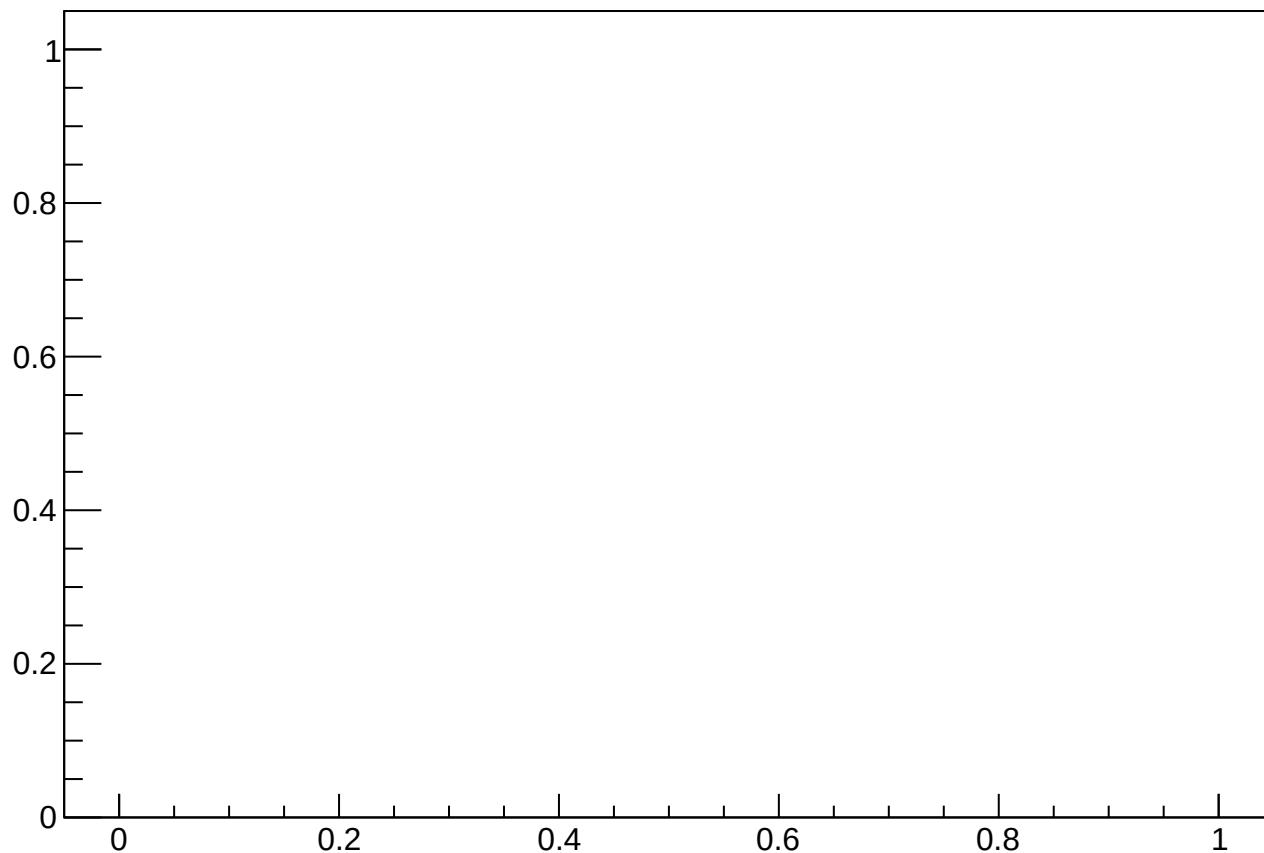
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

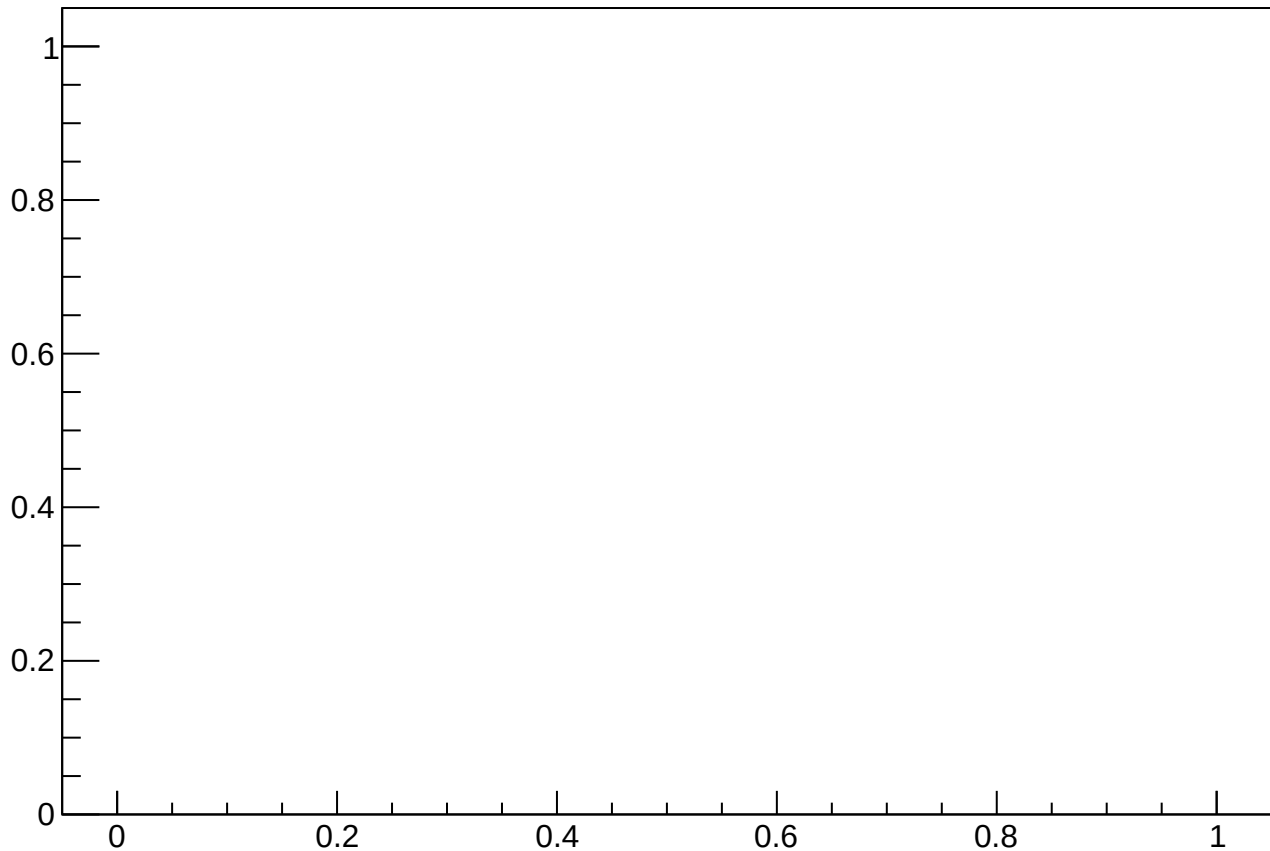
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

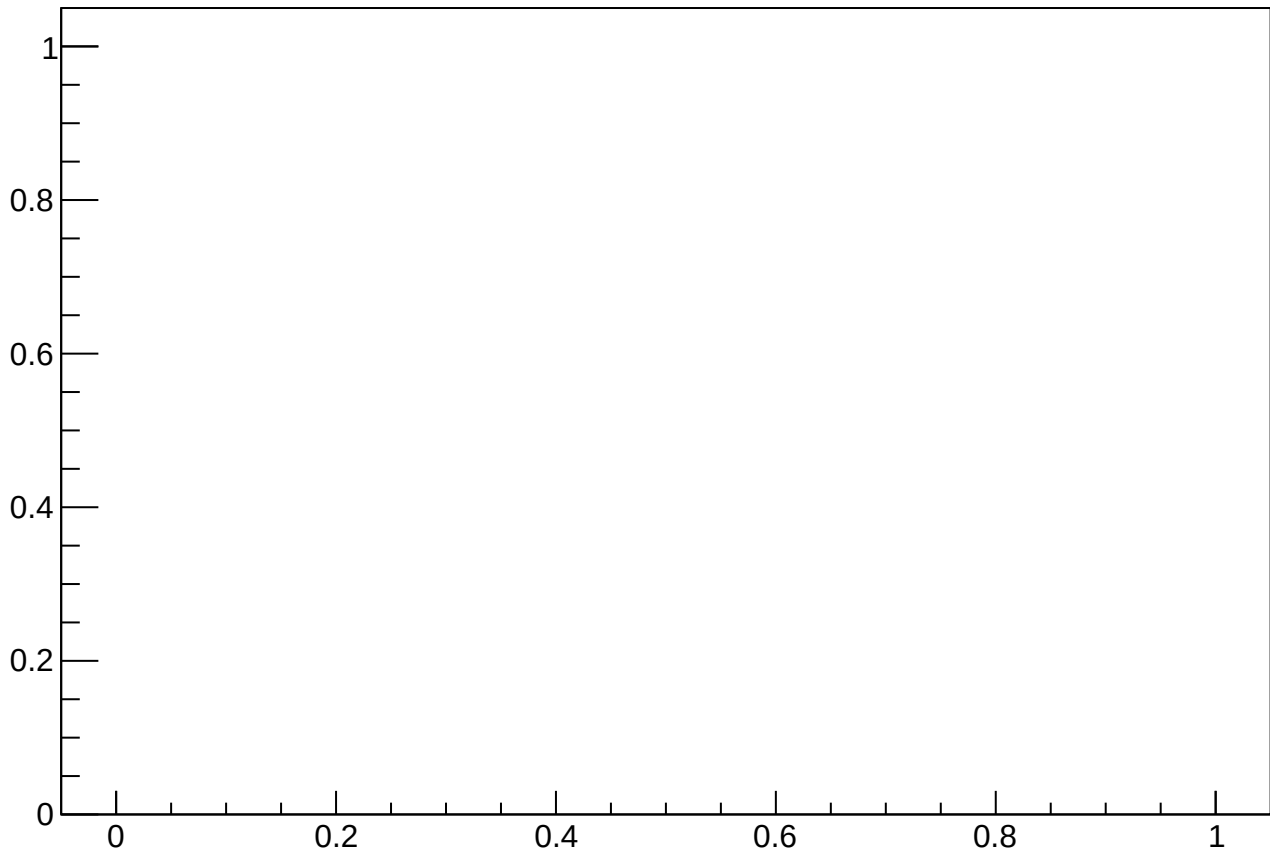
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

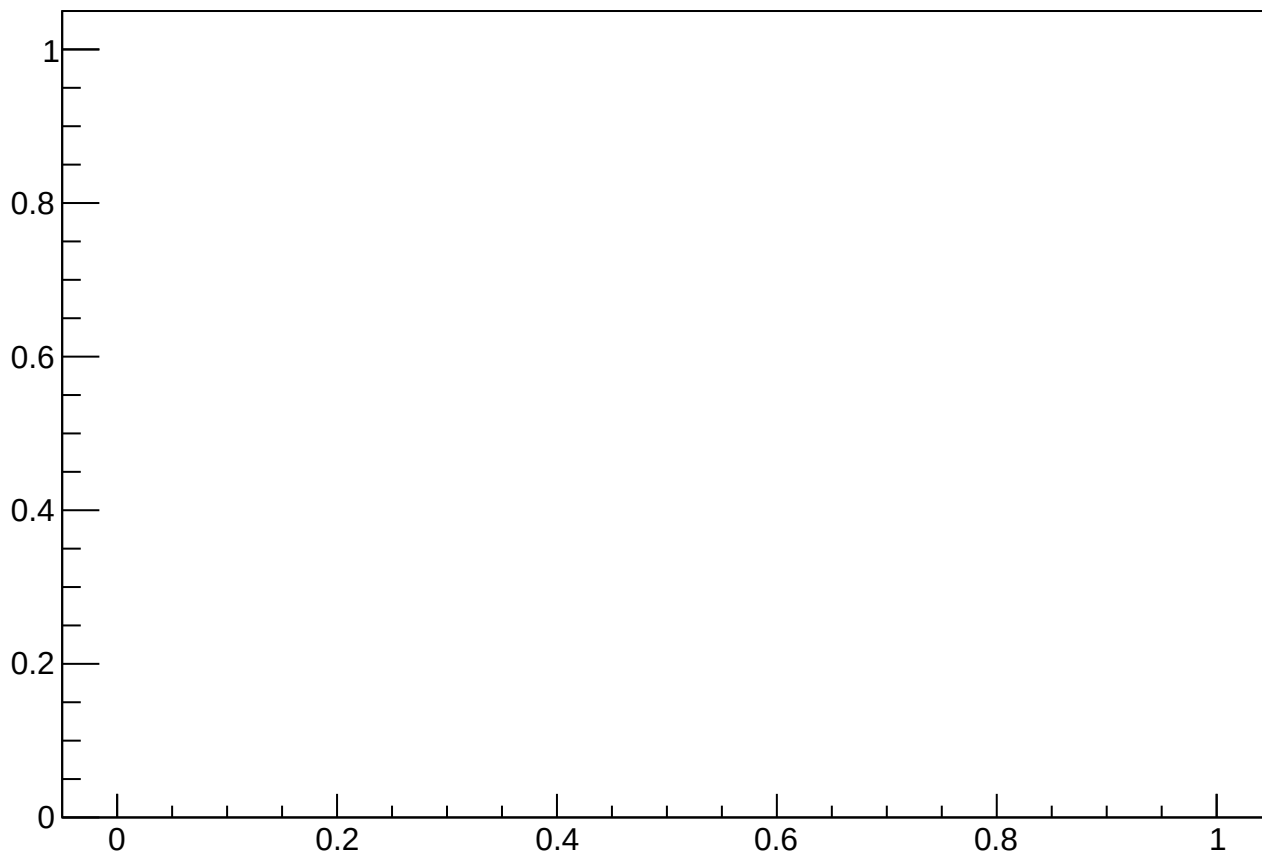
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

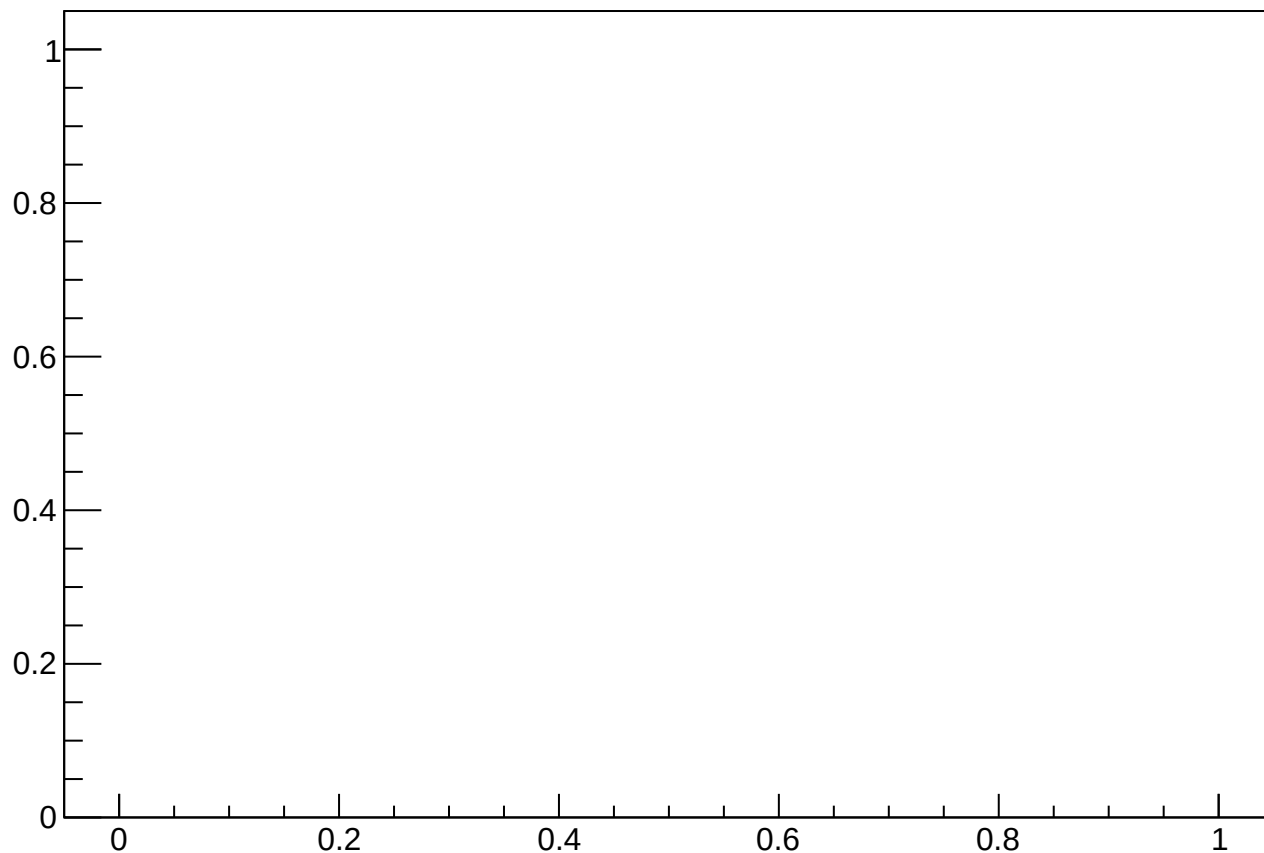
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

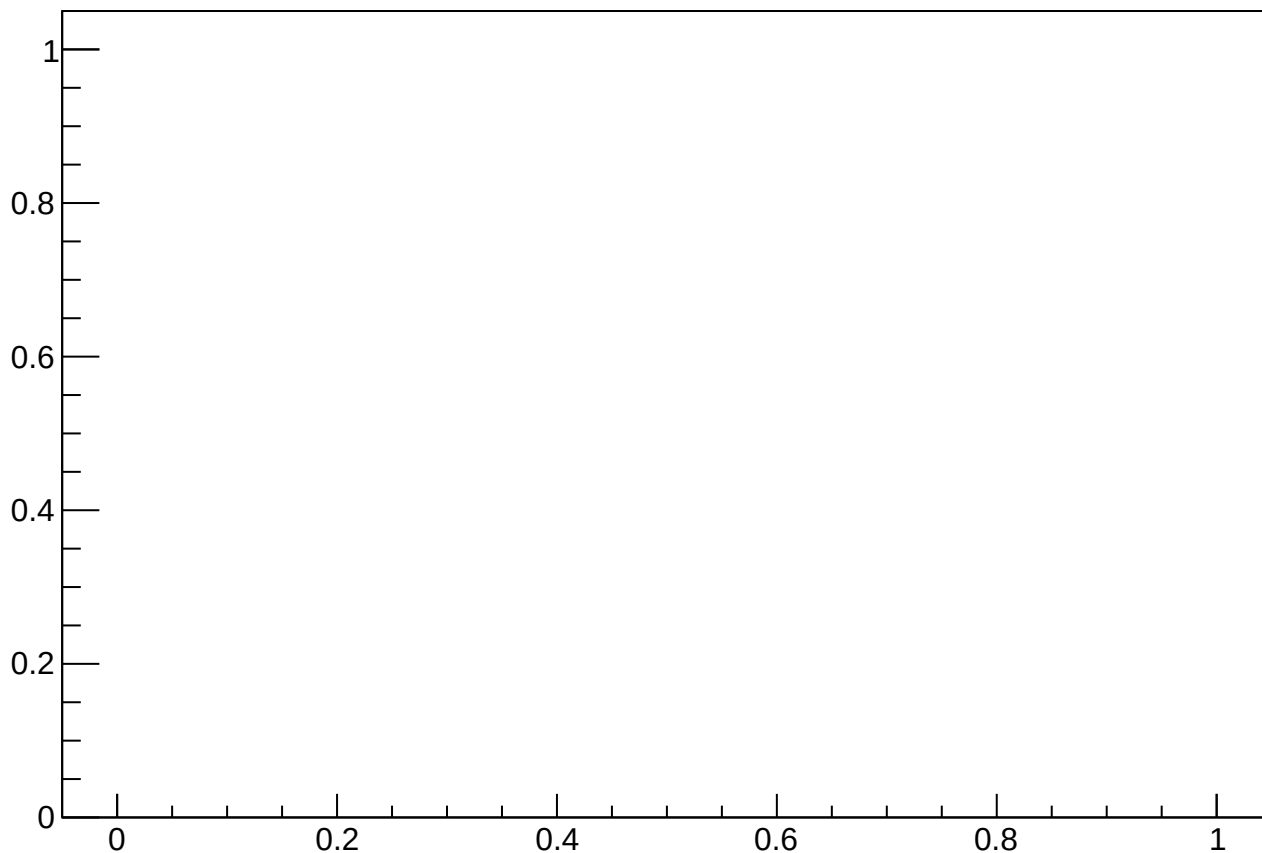
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

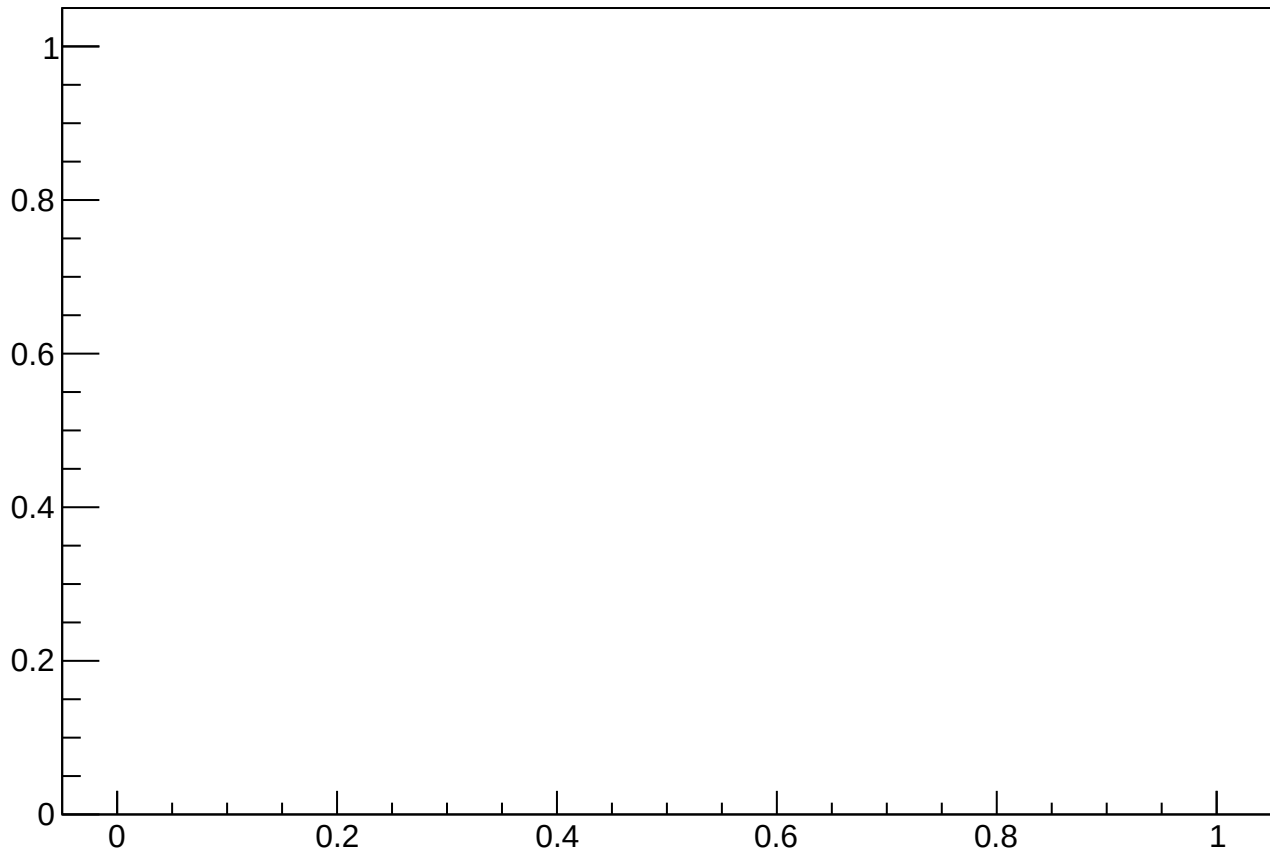
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

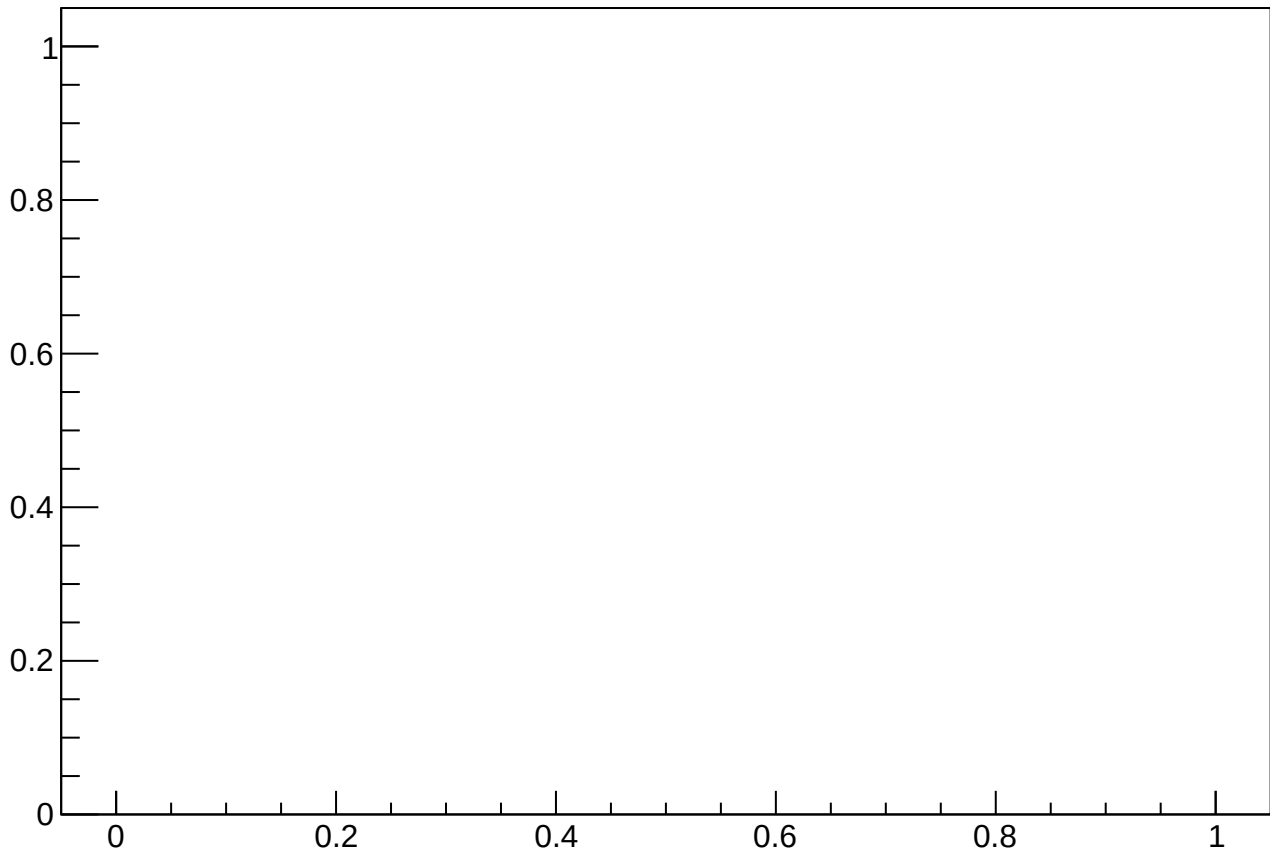
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

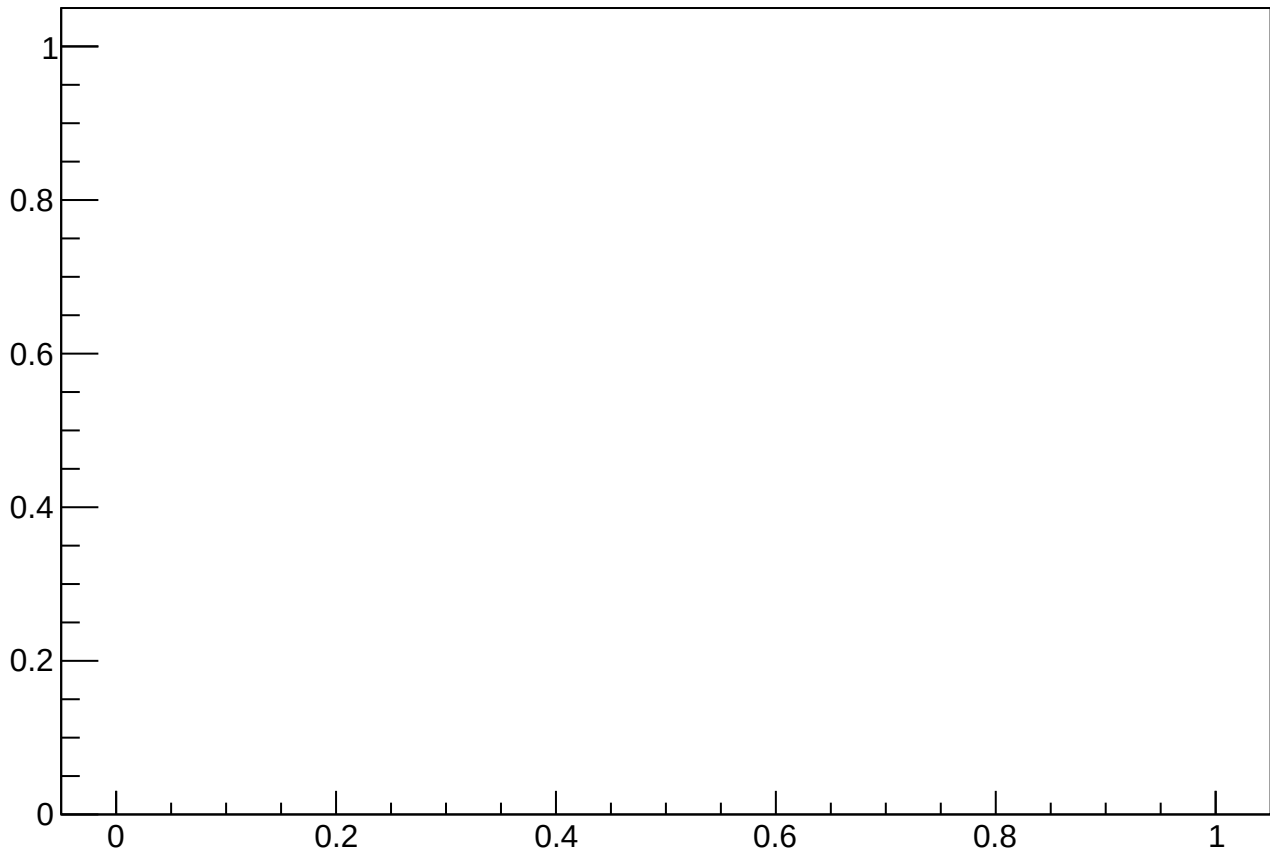
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

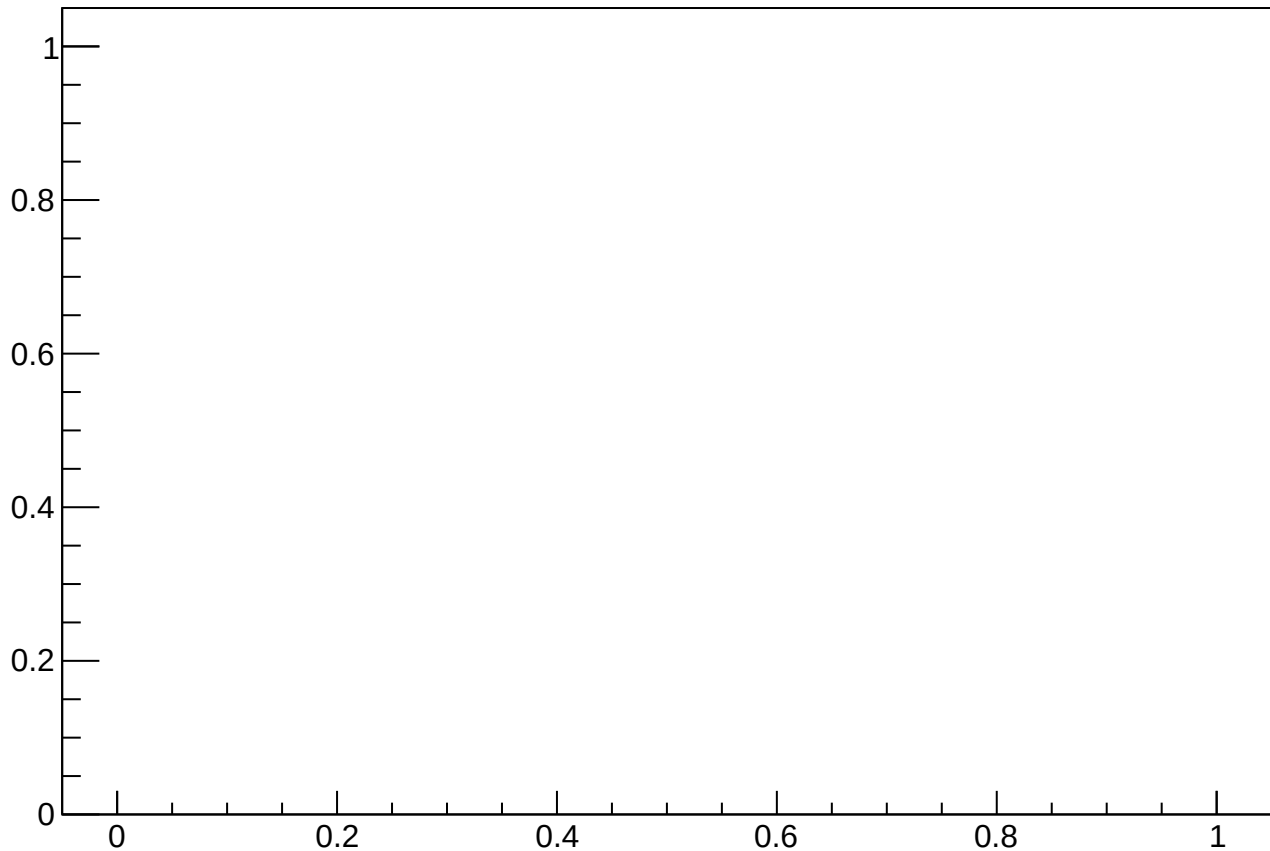
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

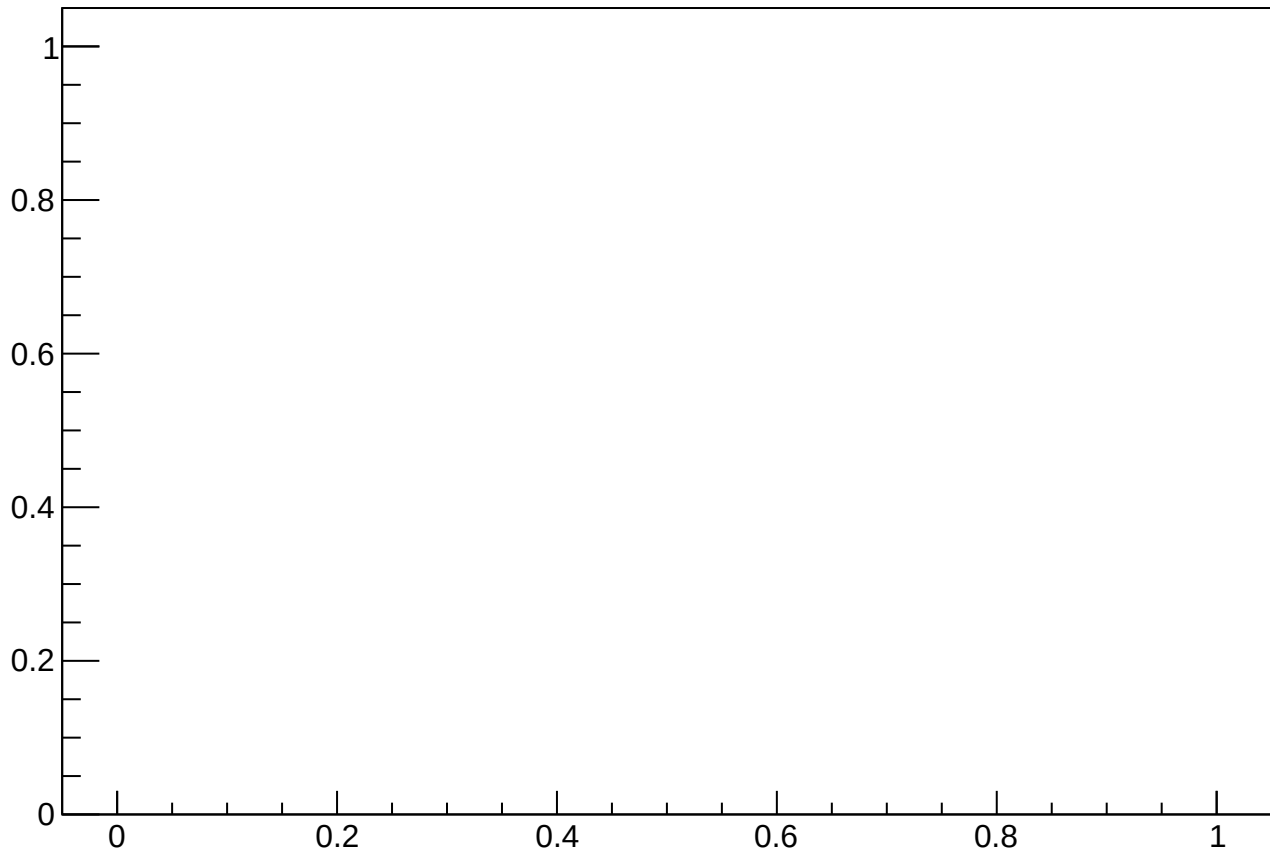
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

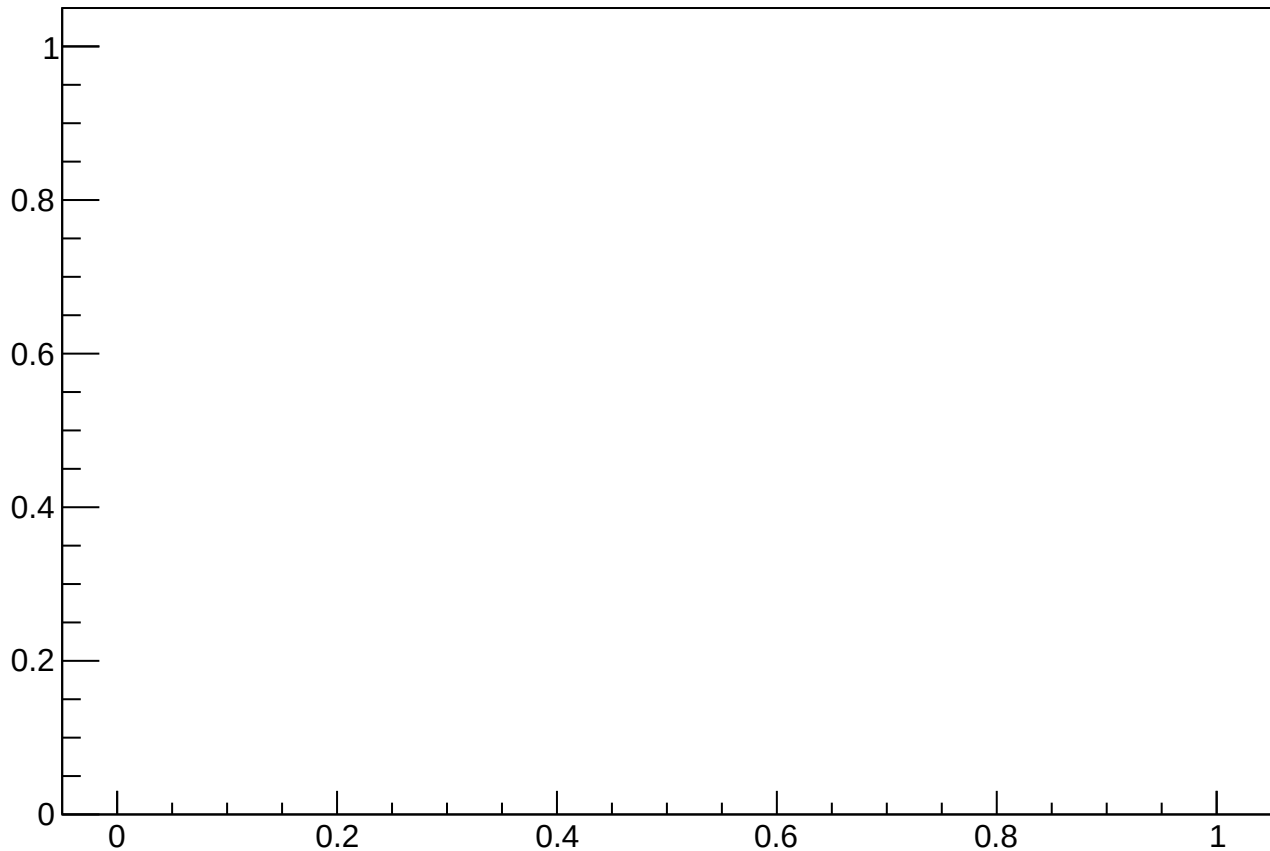
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

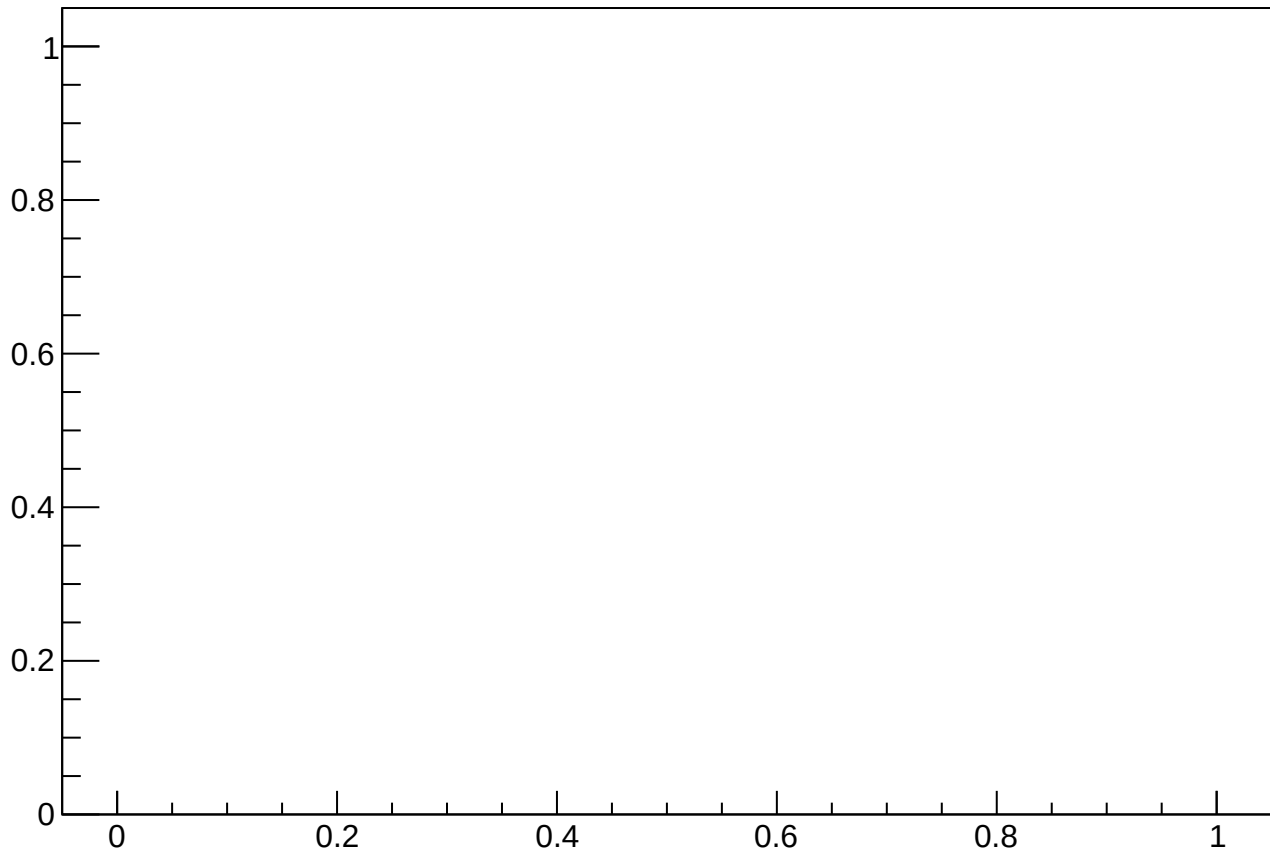
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

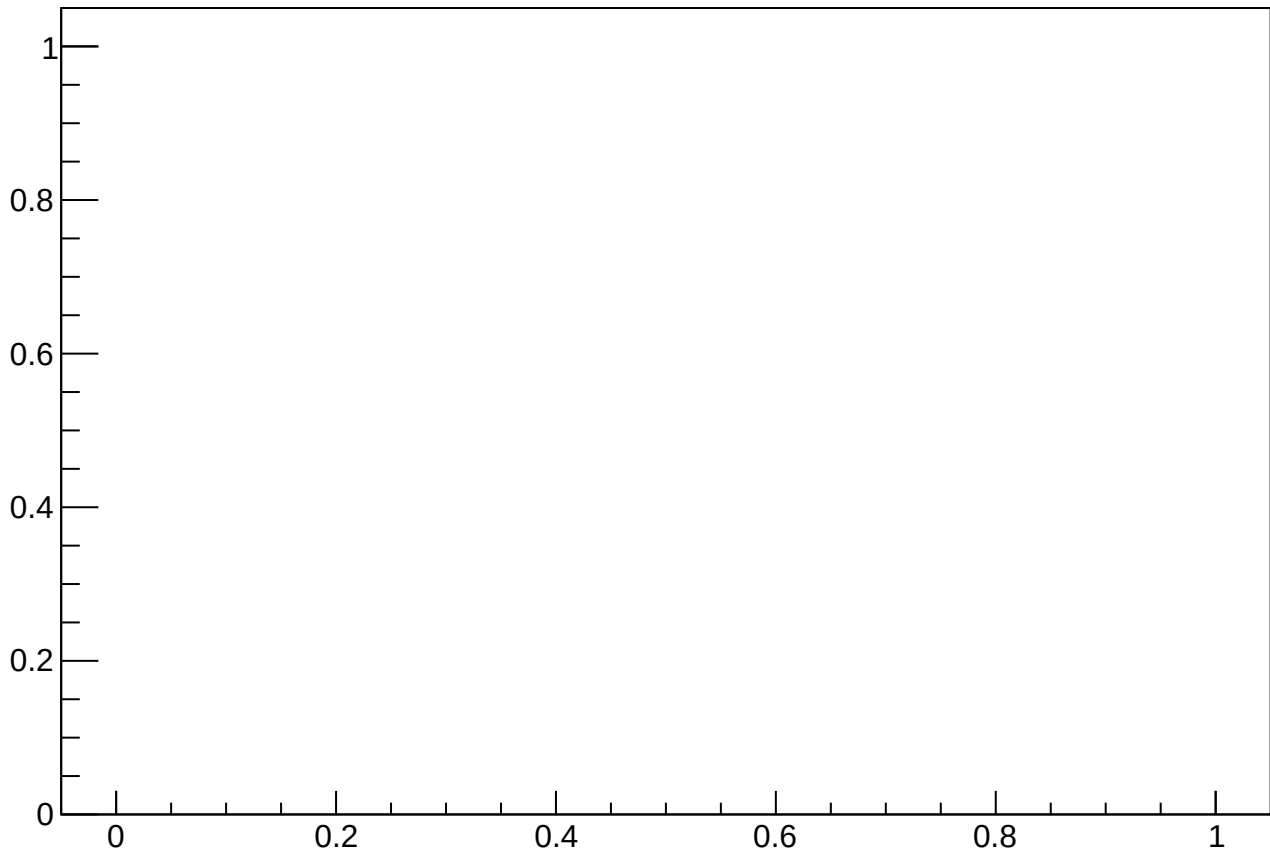
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

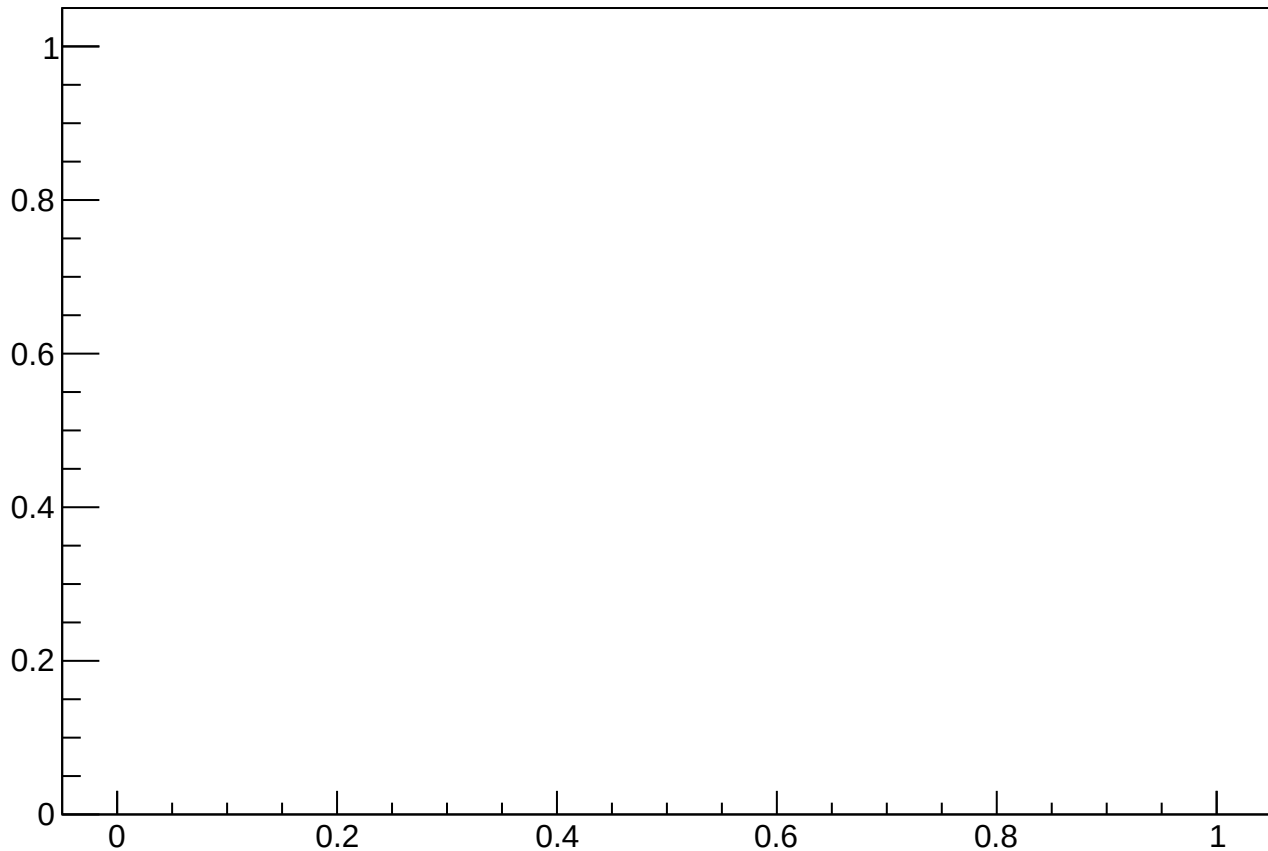
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

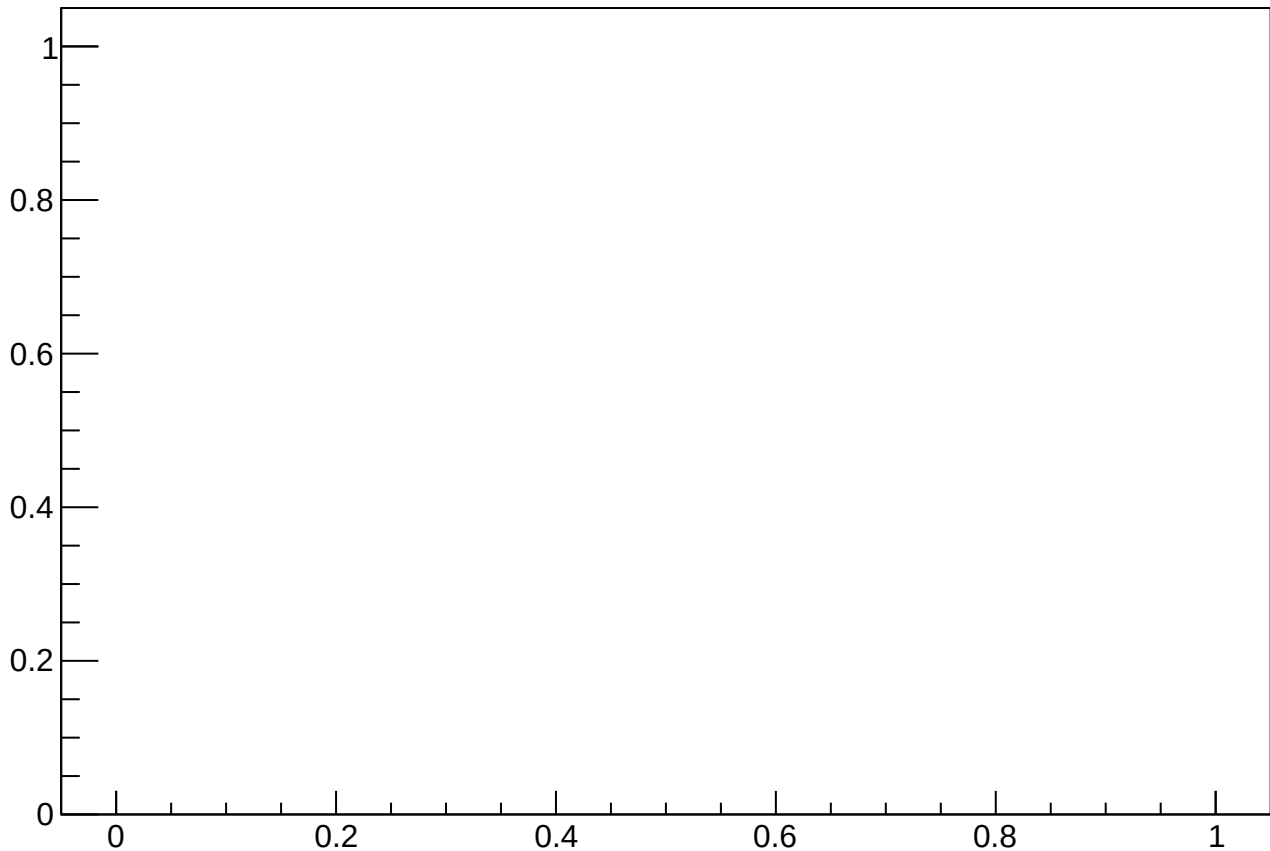
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

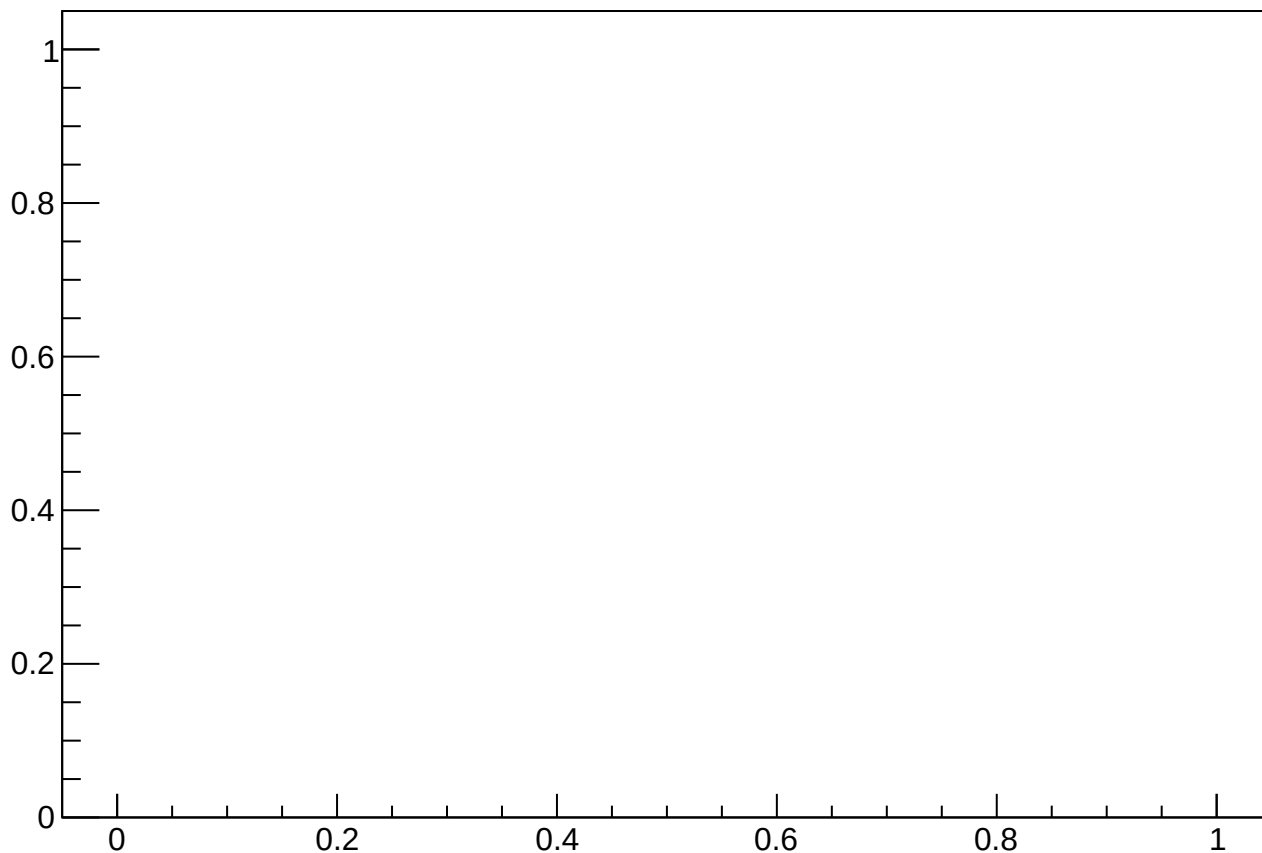
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

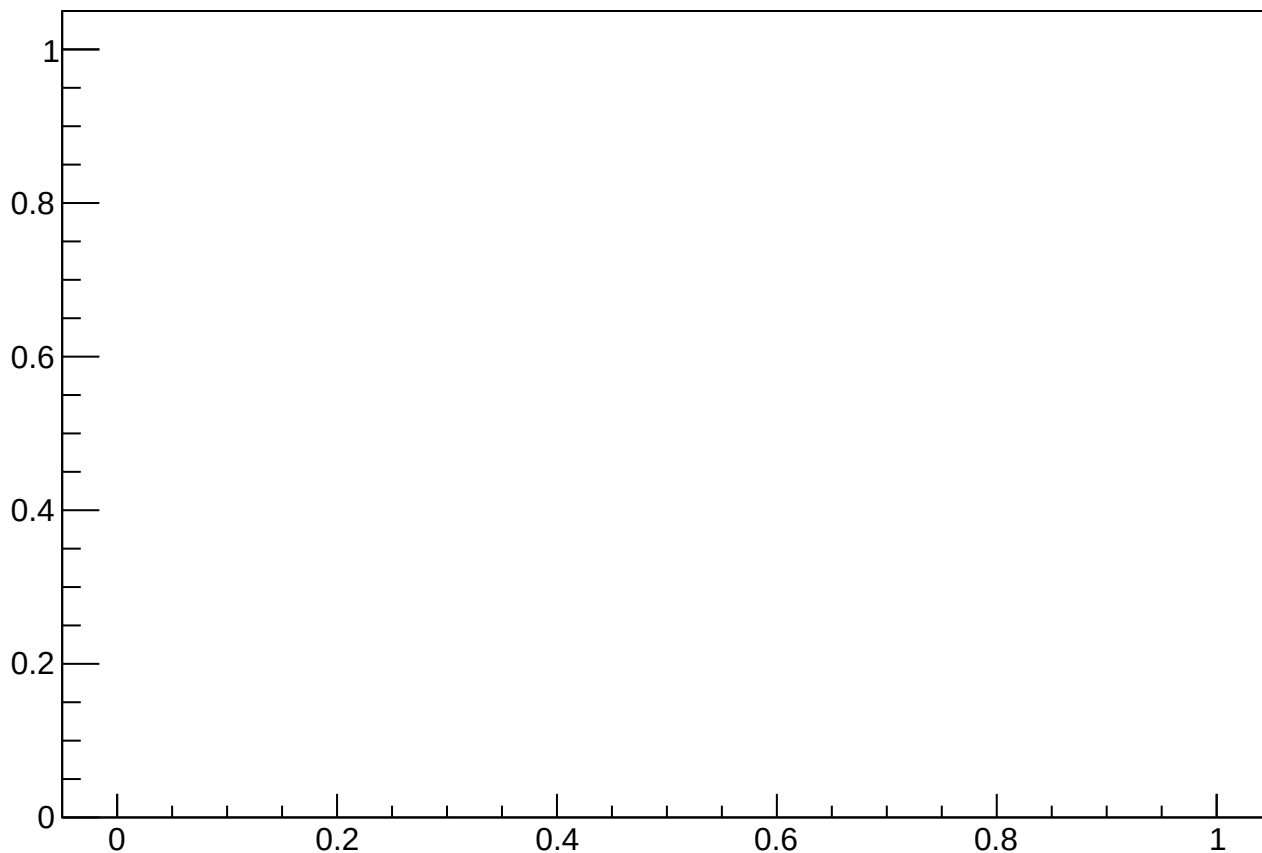
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

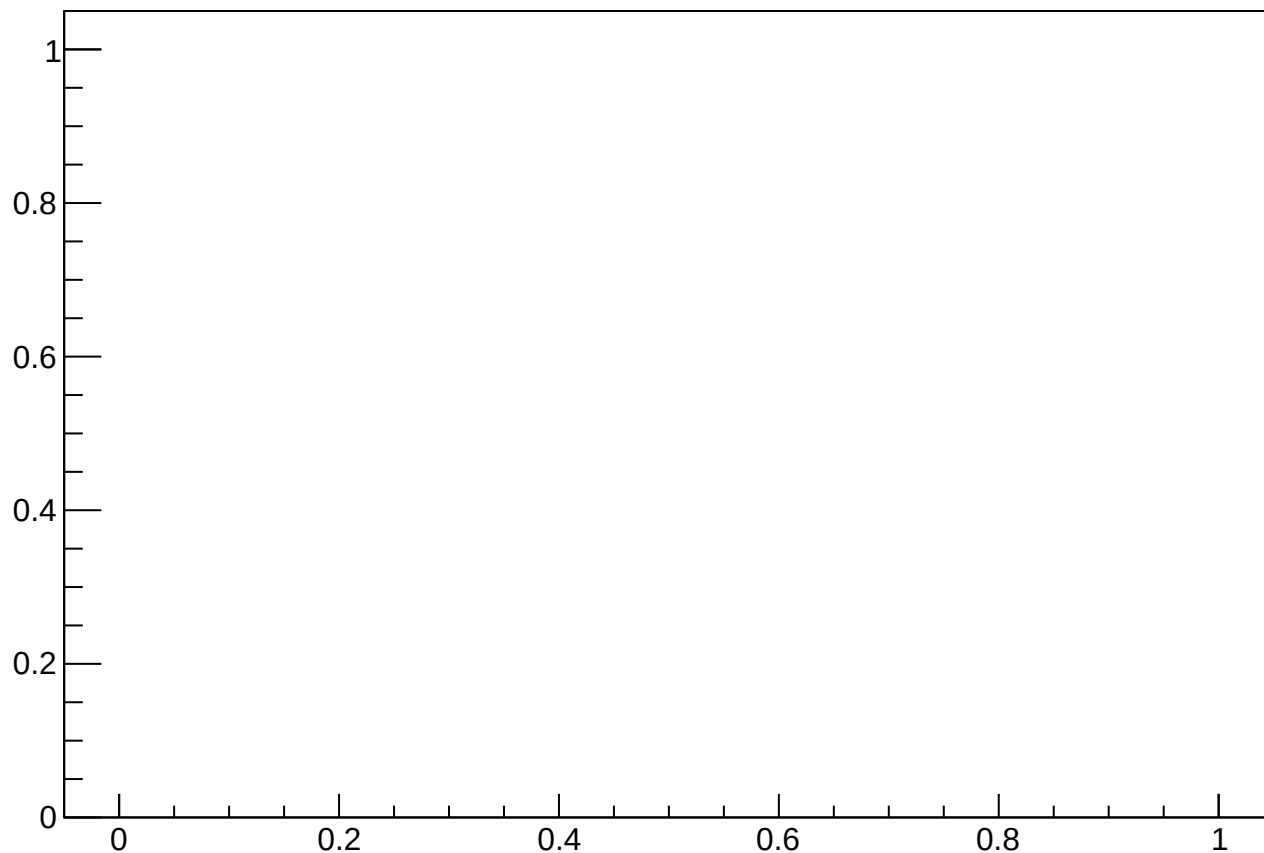
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

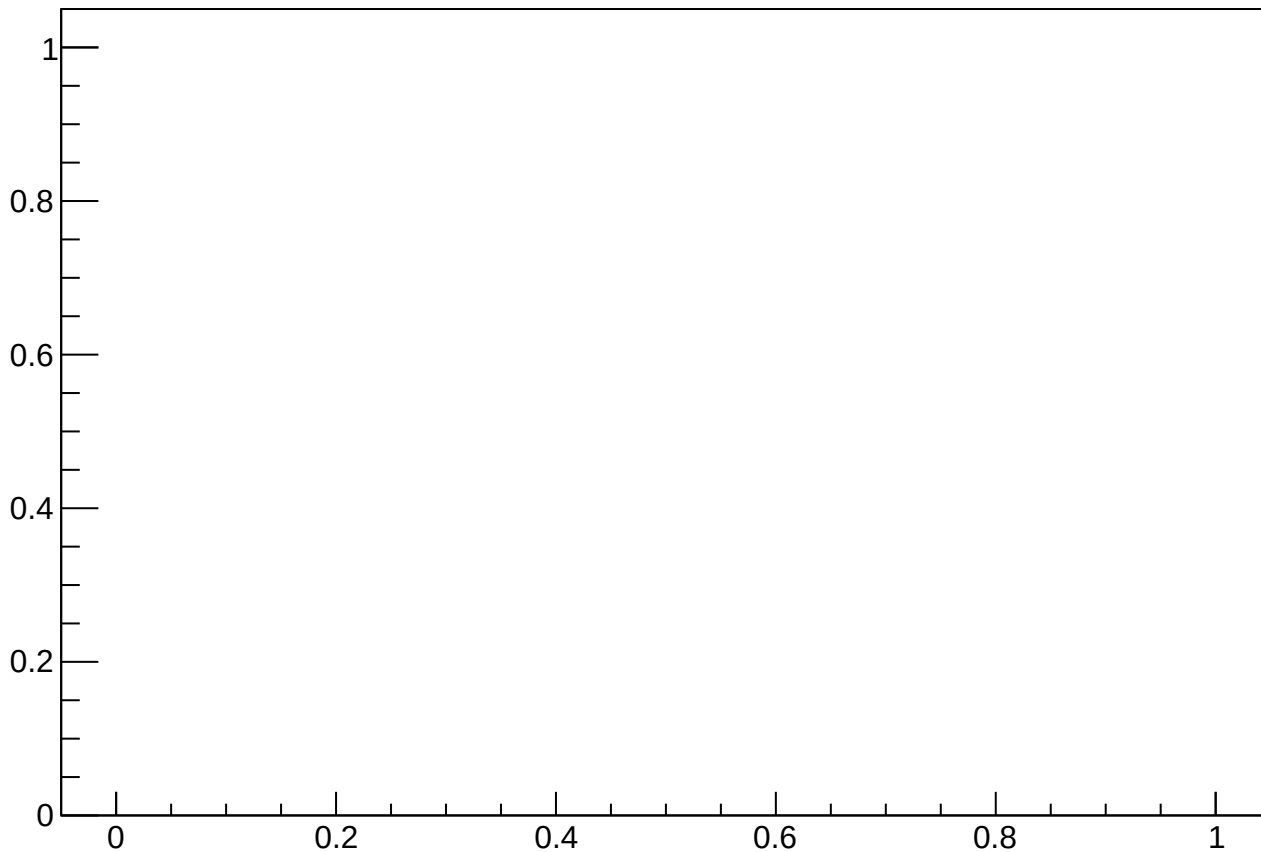
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

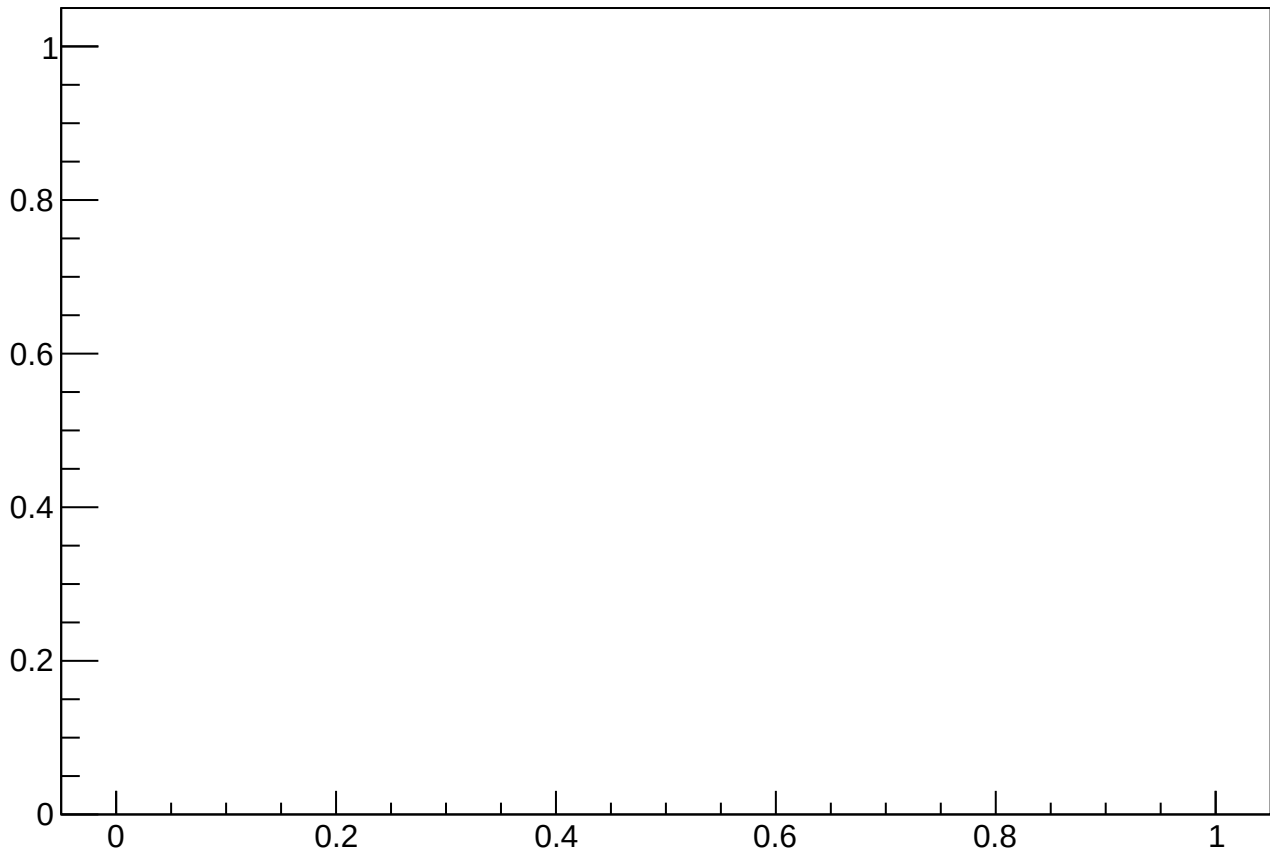
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

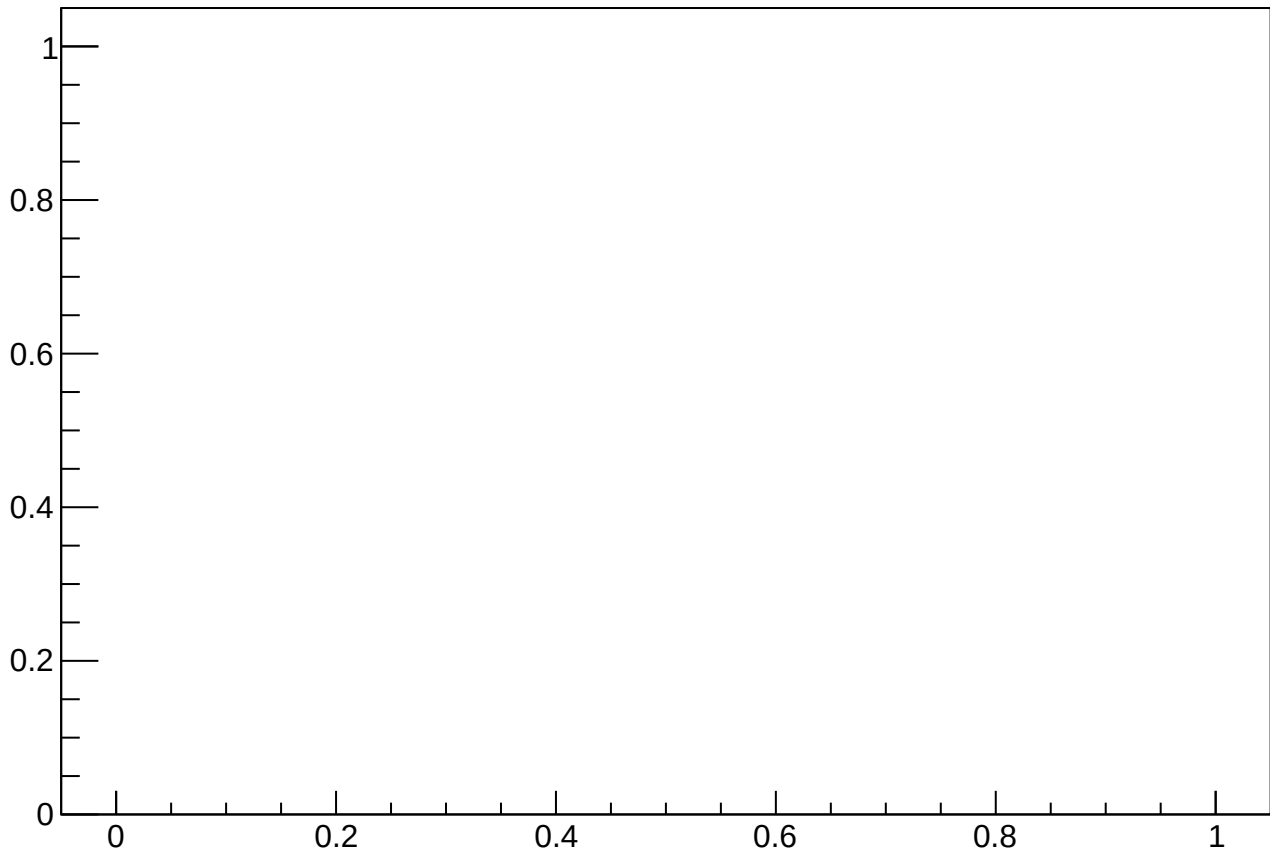
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

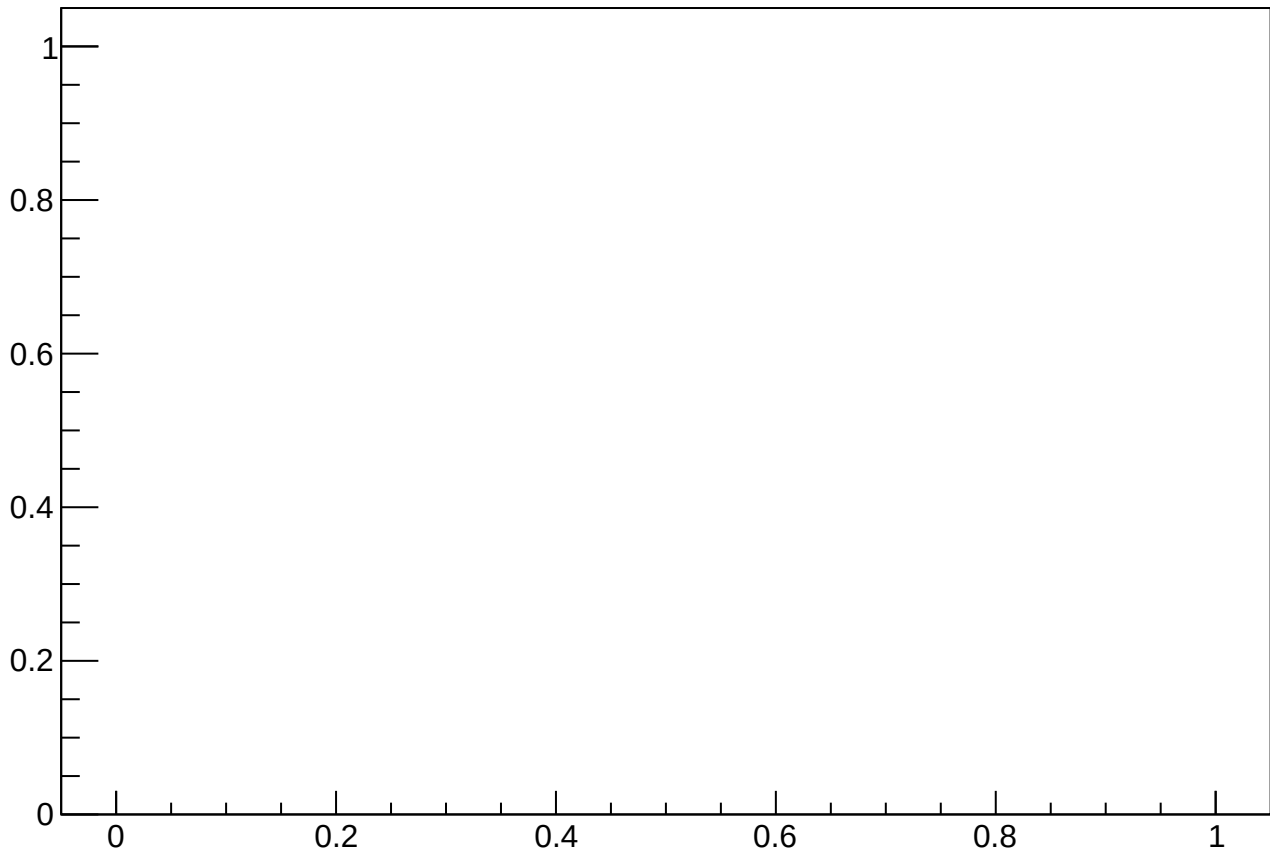
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

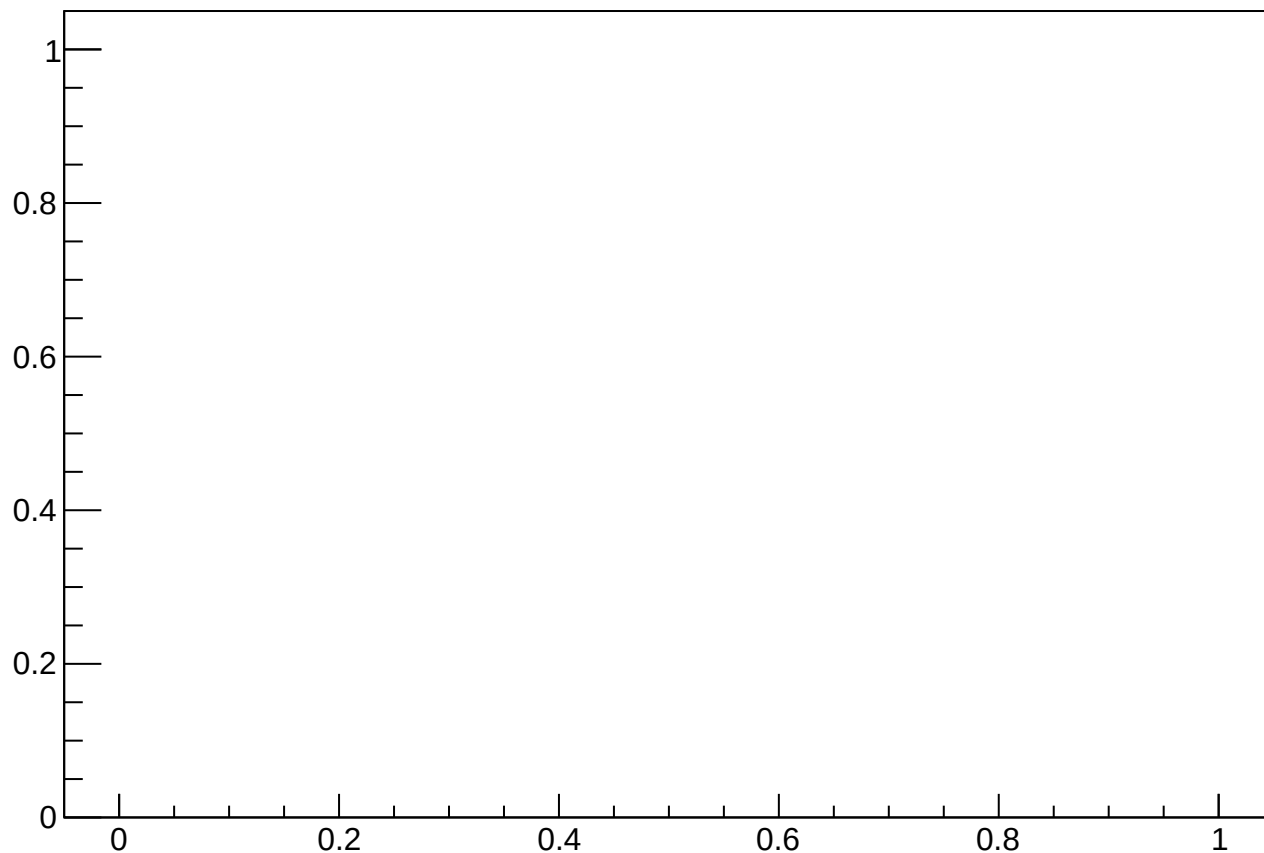
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

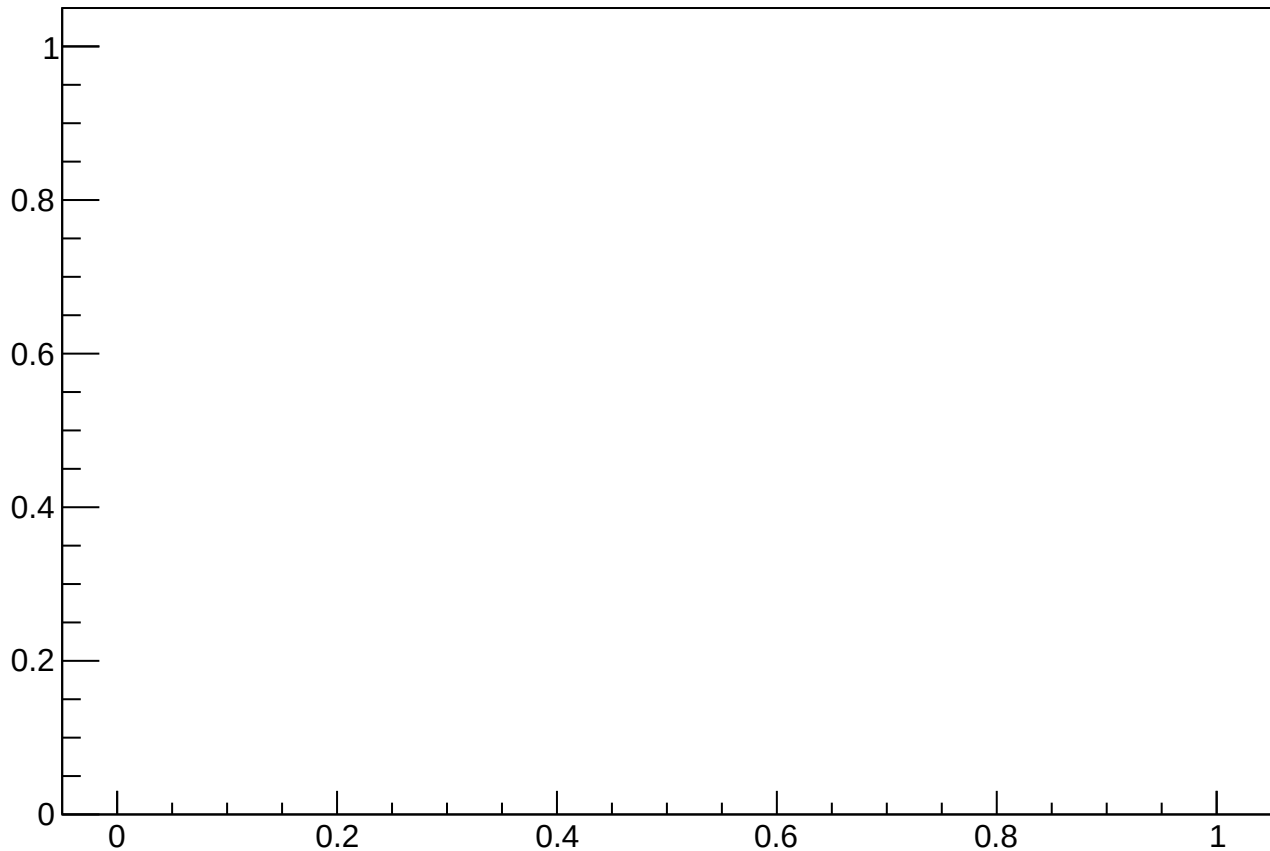
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

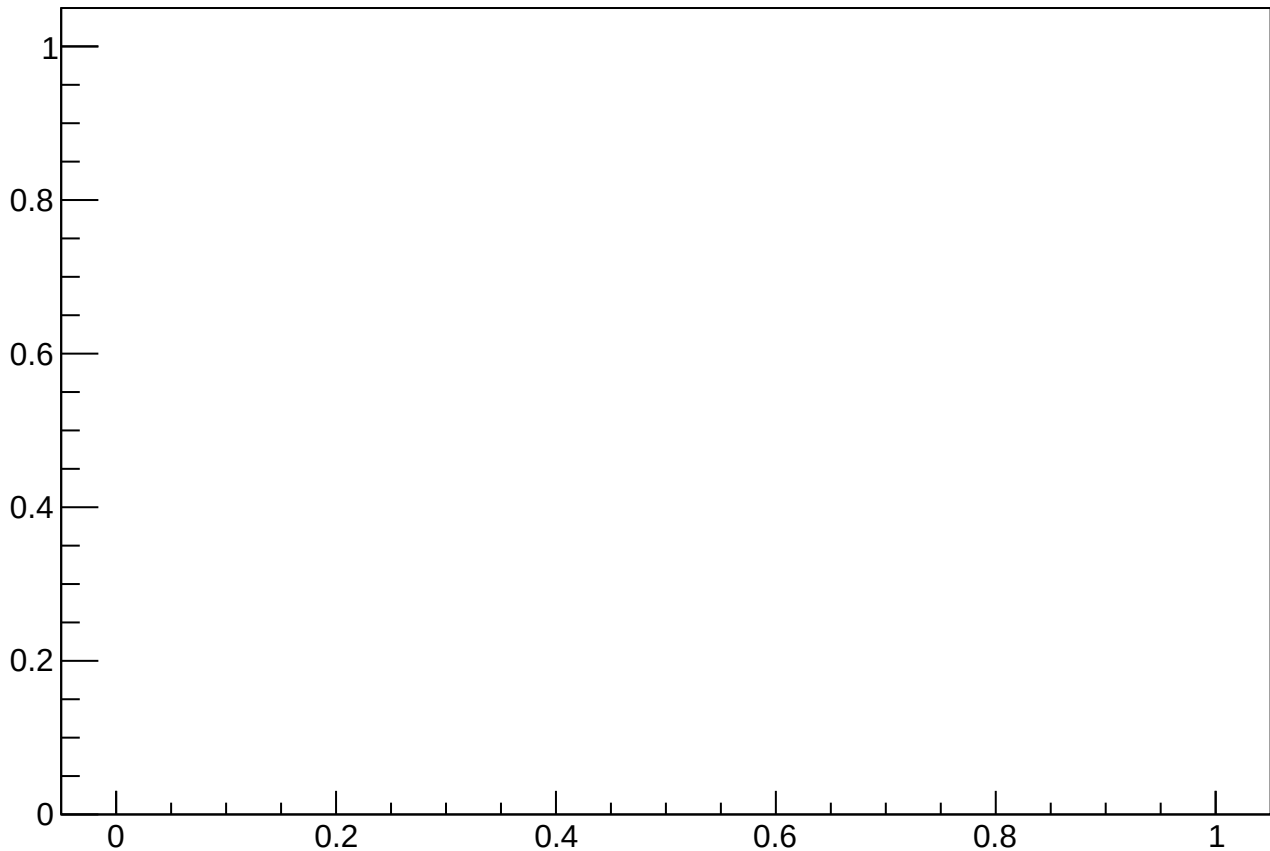
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

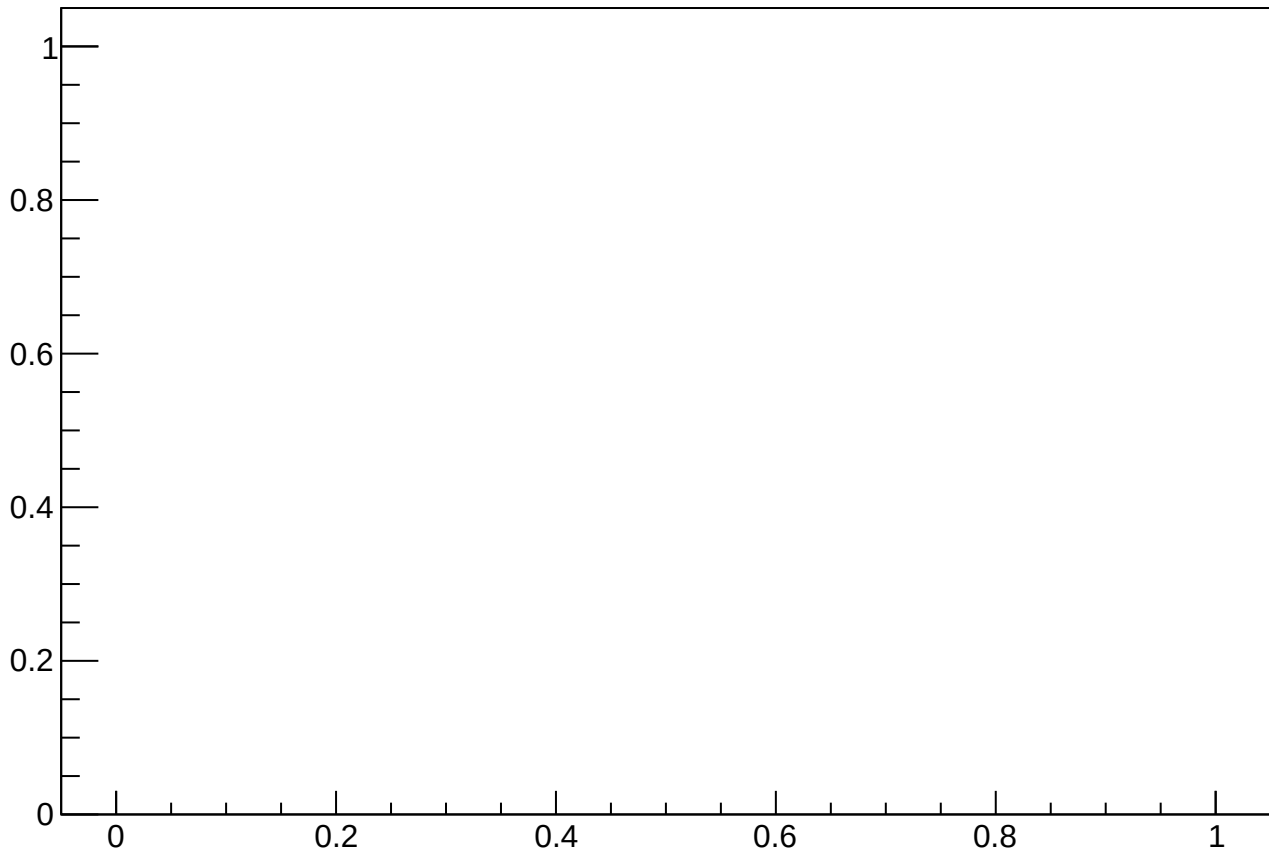
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

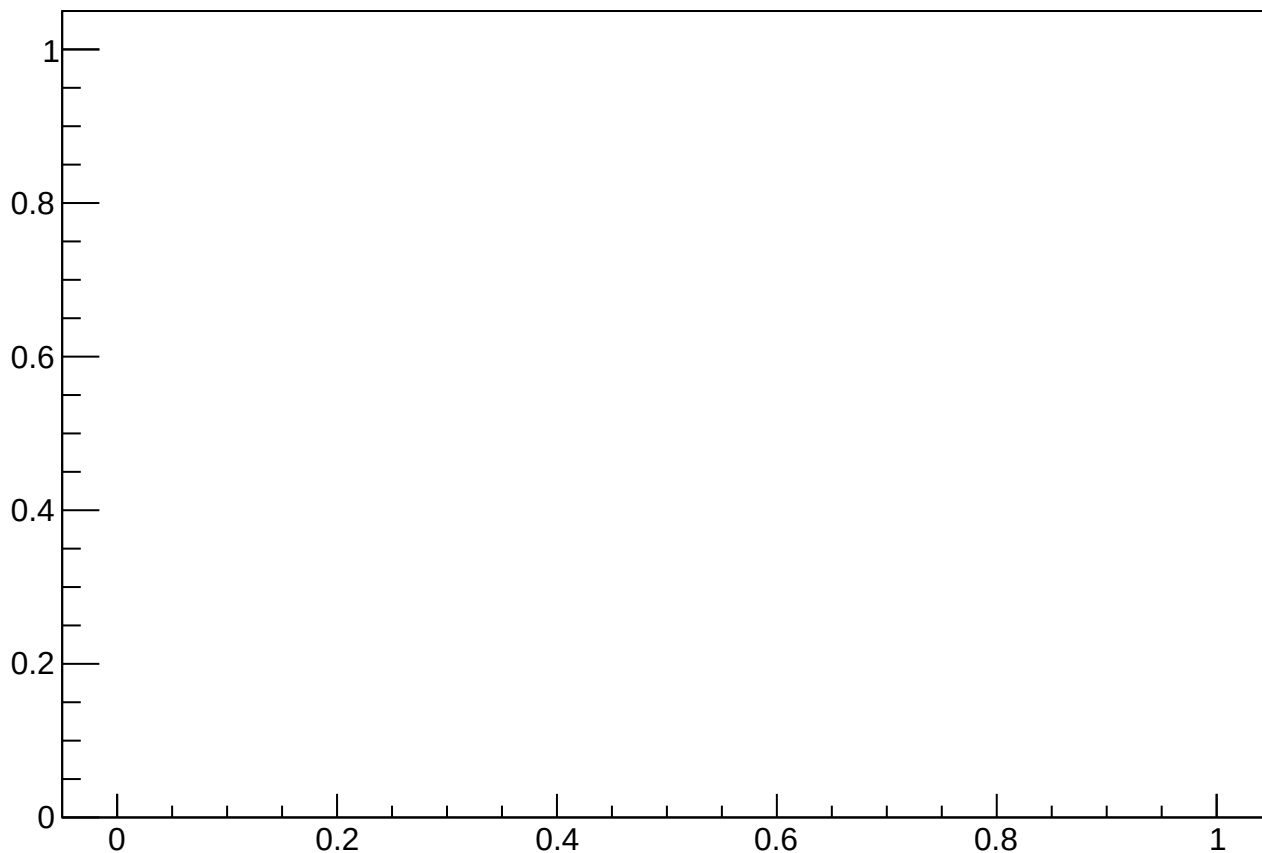
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

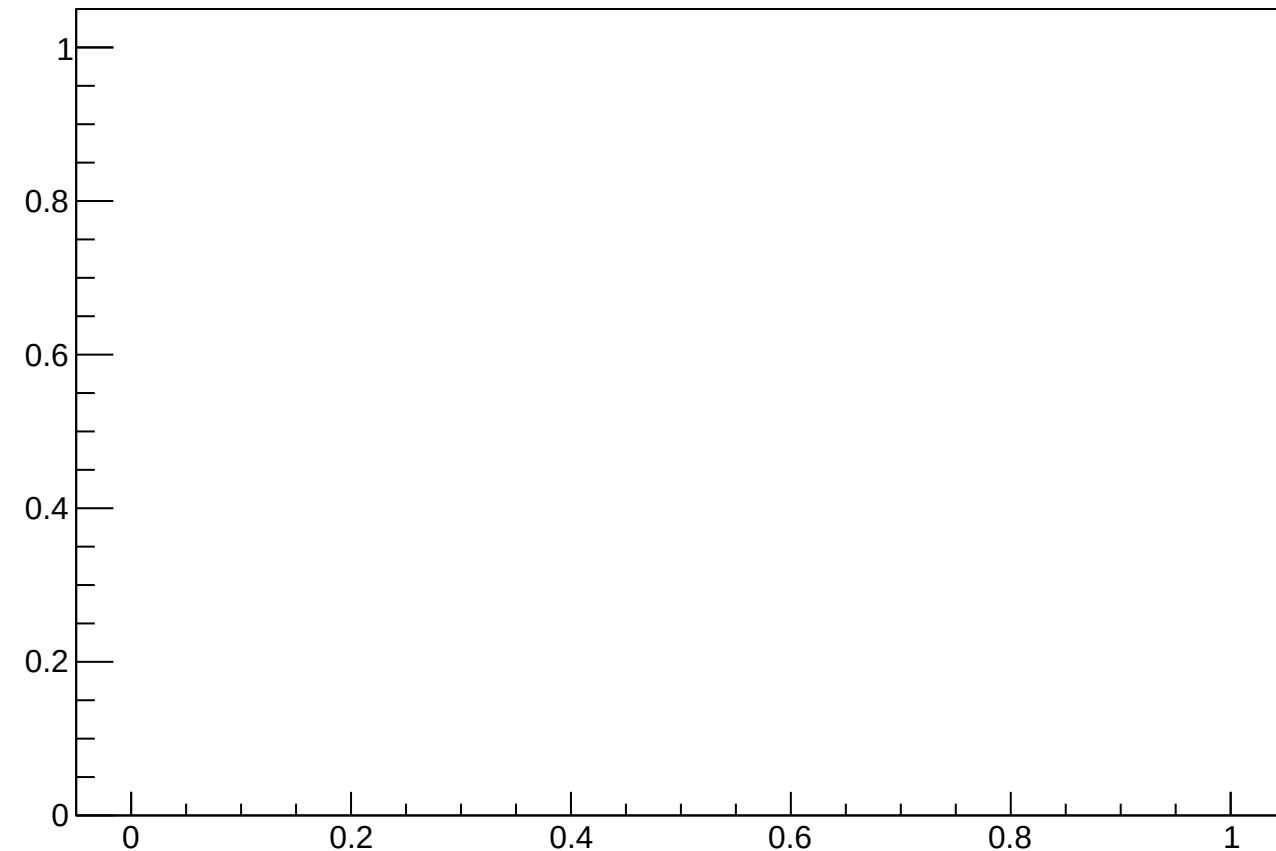
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

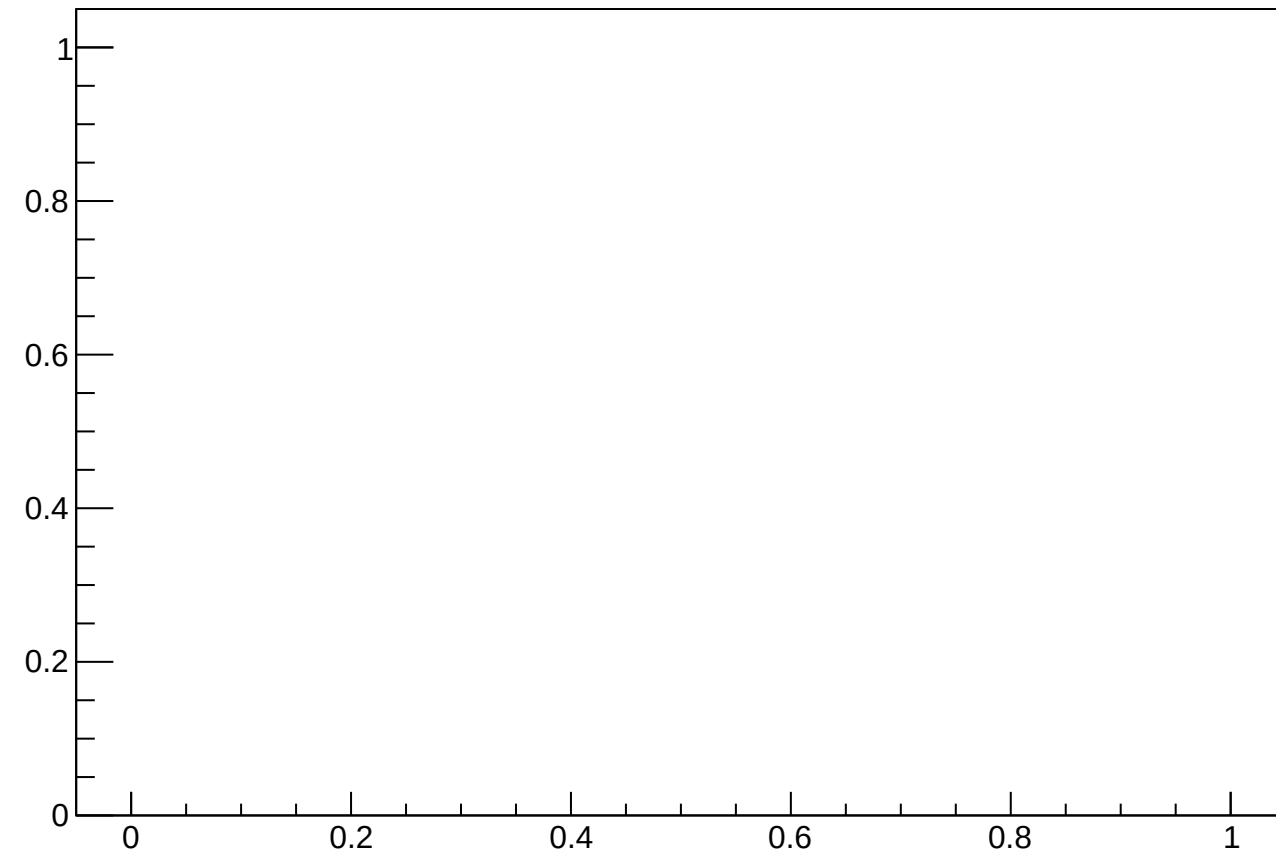
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

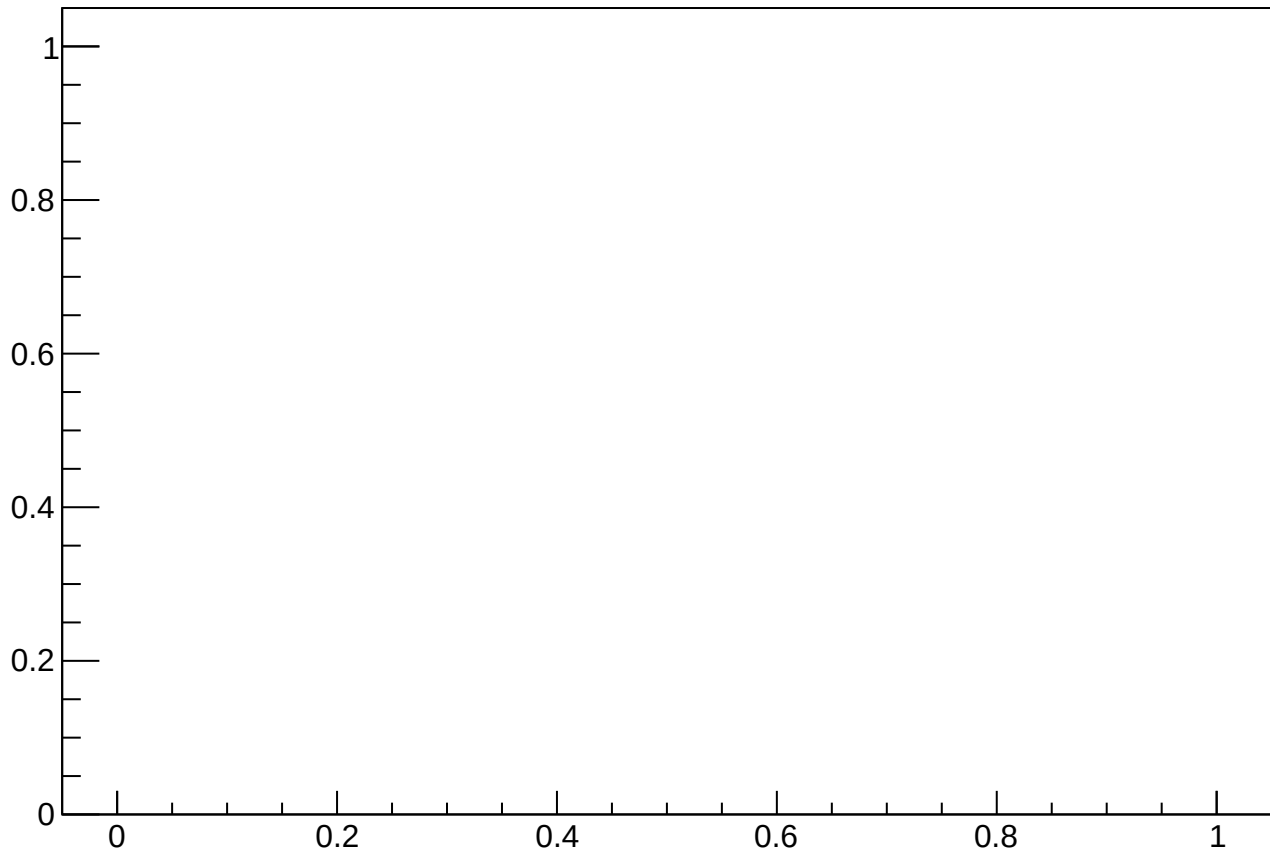
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

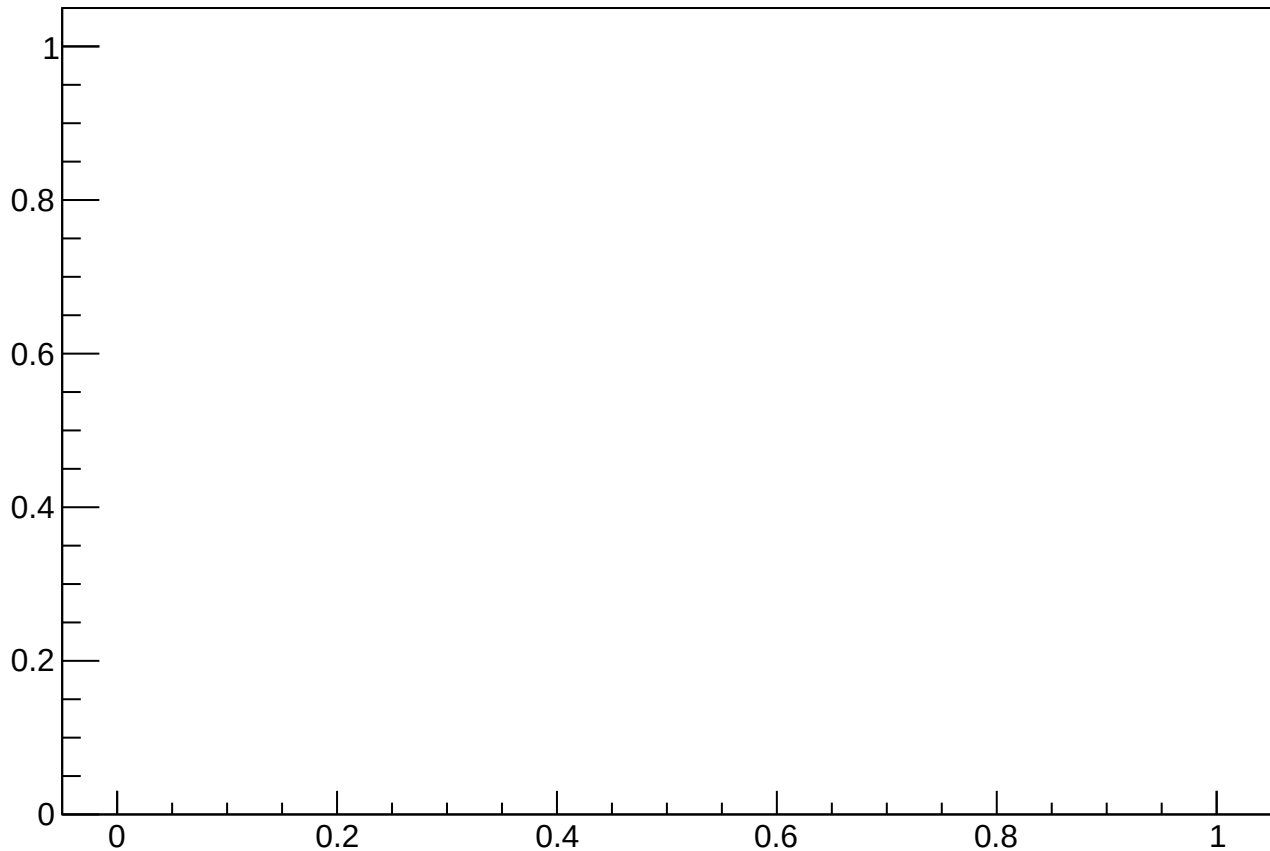
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

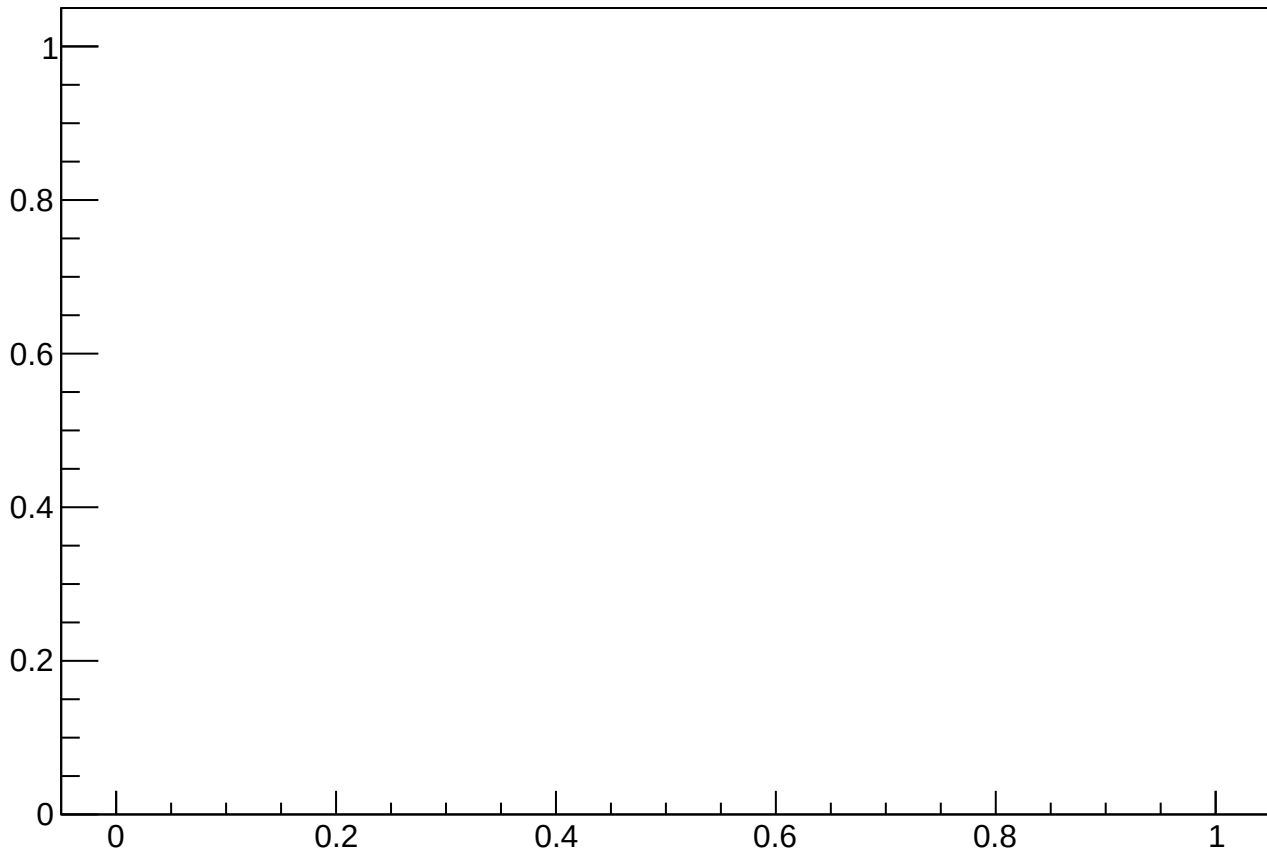
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_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

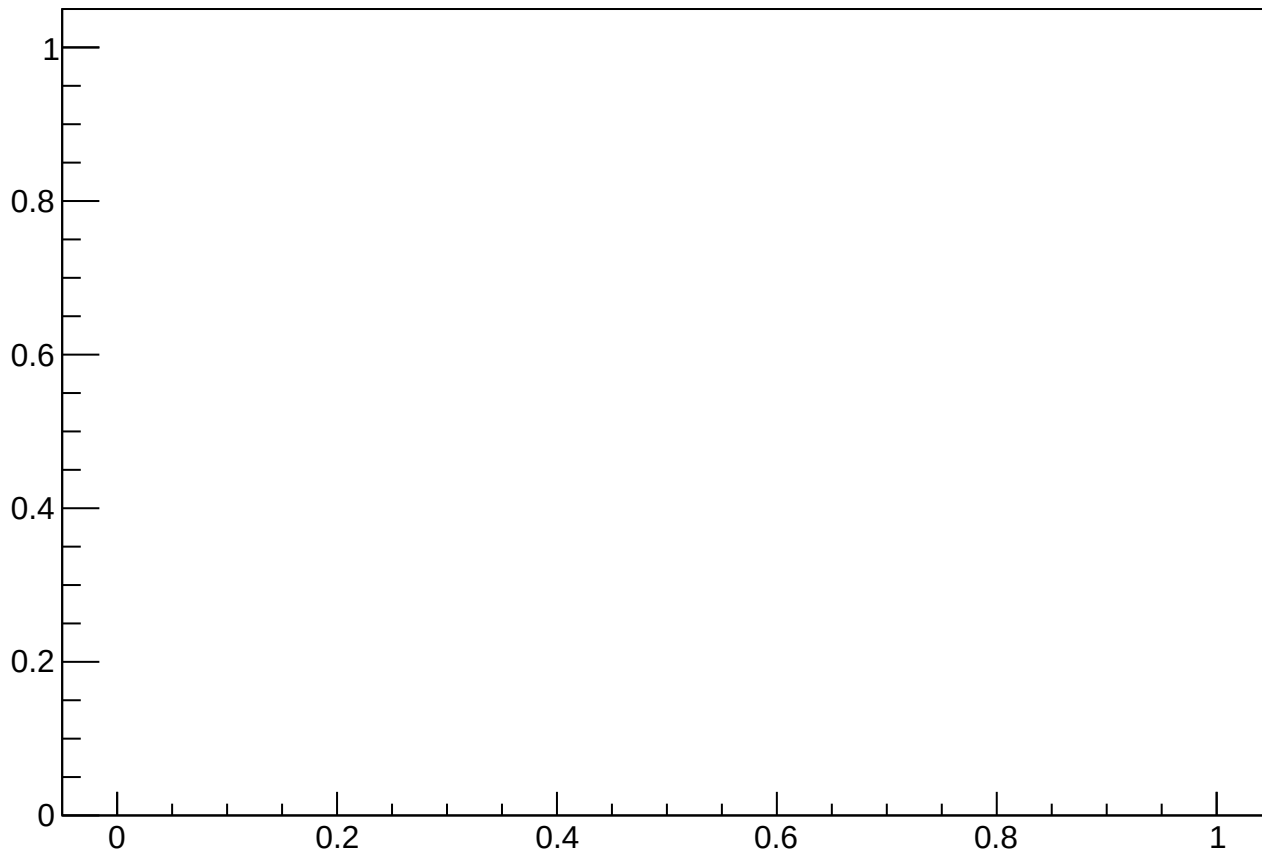
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

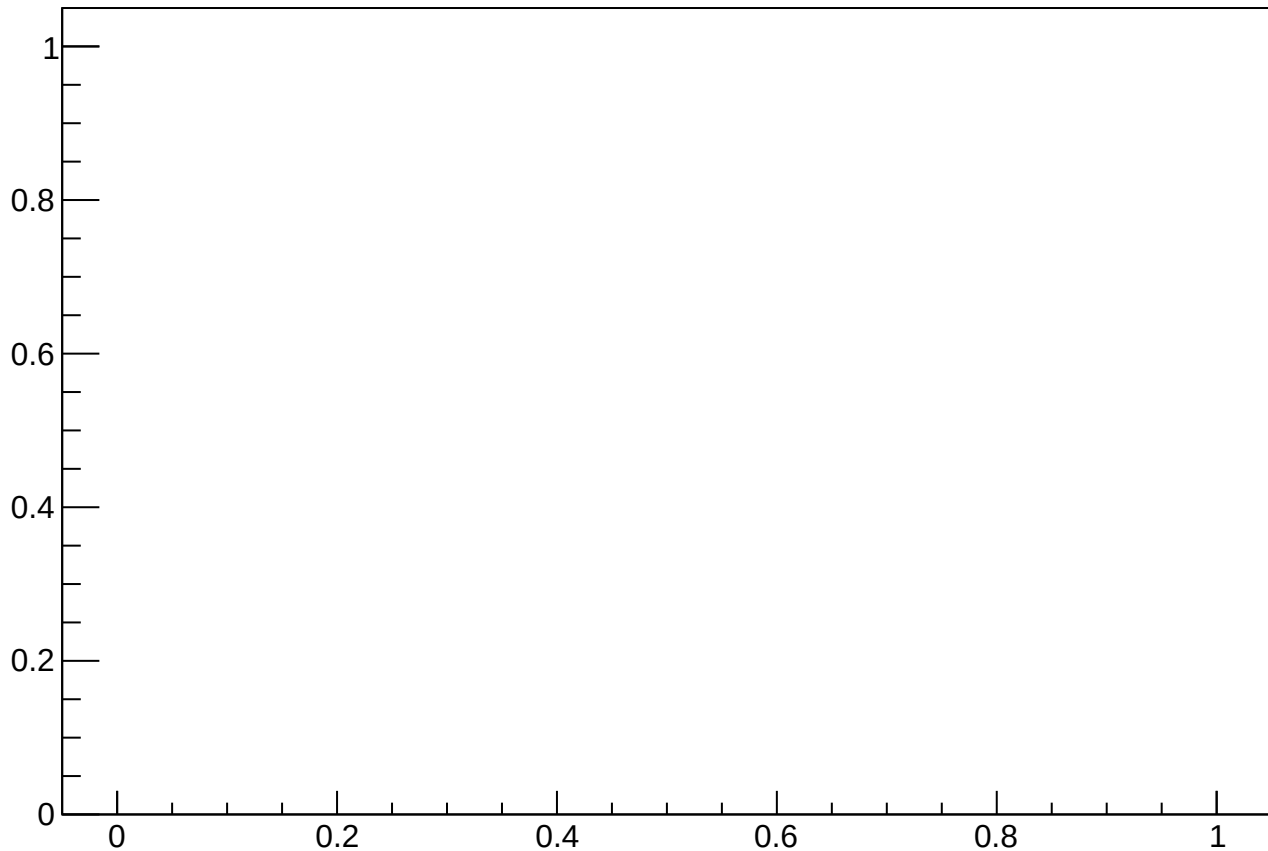
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

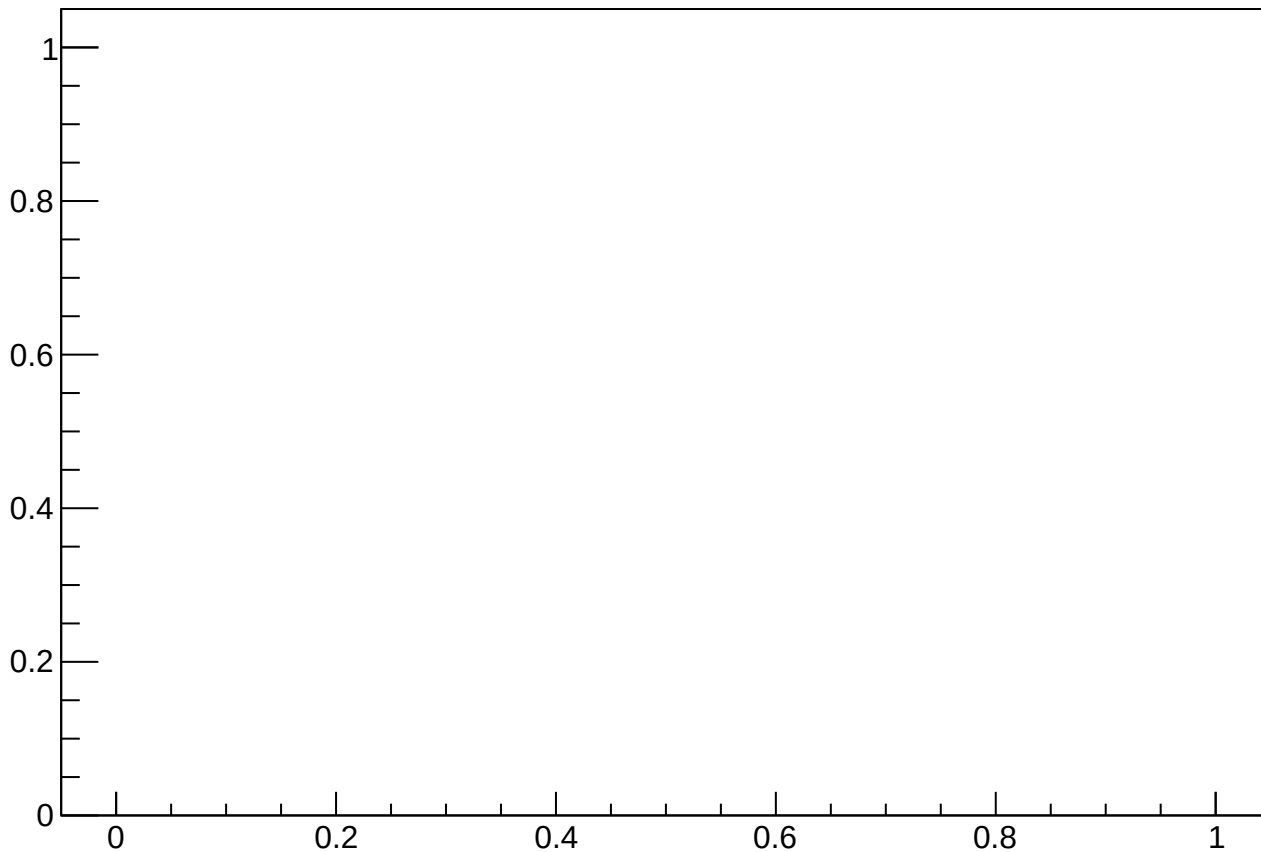
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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 $\pm$ 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_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

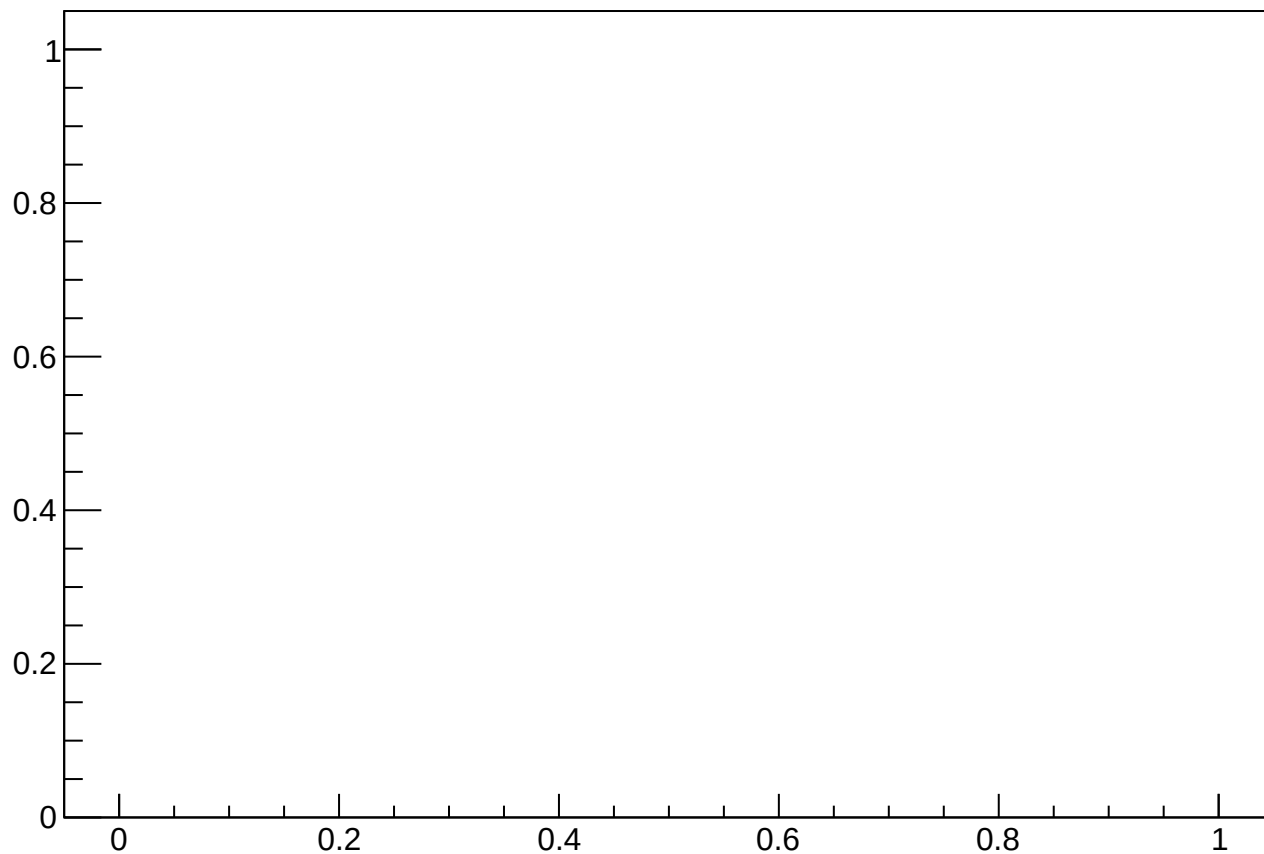
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

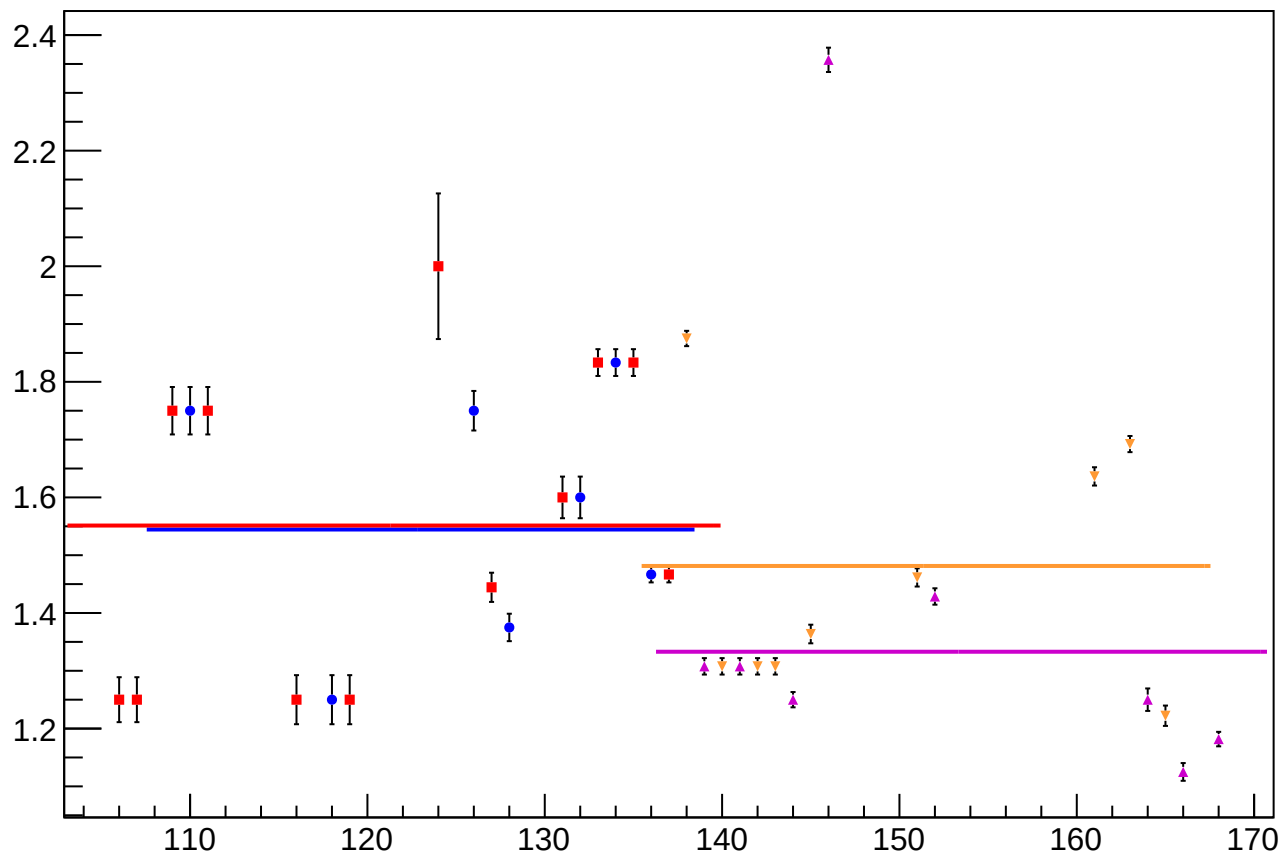
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Left: 1.412 +/- 0.004 χ^2/NDF : 5151.9/16

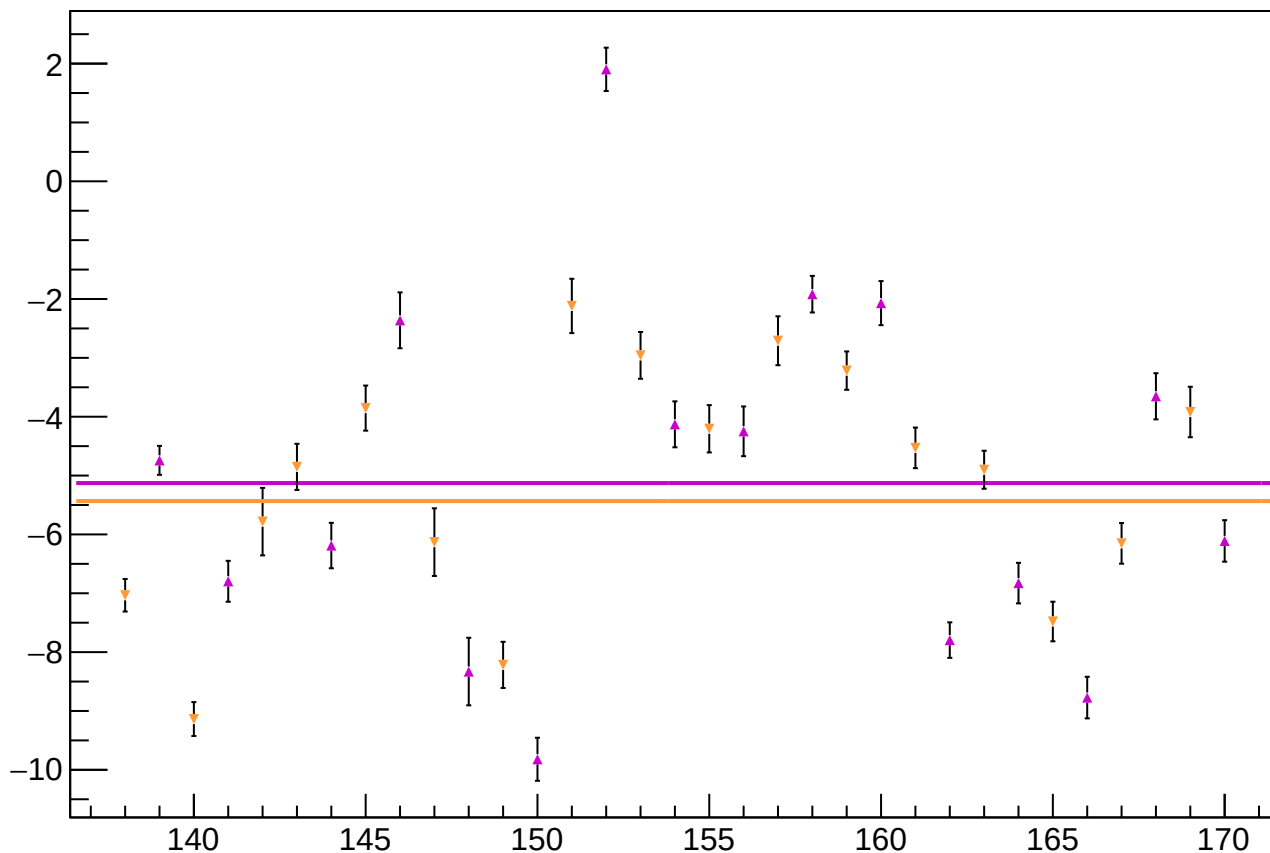
Right: 1.548 +/- 0.006 χ^2/NDF : 983.5/18

In: 1.385 +/- 0.005 χ^2/NDF : 3548.4/14

Out: 1.500 +/- 0.004 χ^2/NDF : 2614.4/20

All: 1.447 +/- 0.003 χ^2/NDF : 6505.7/35

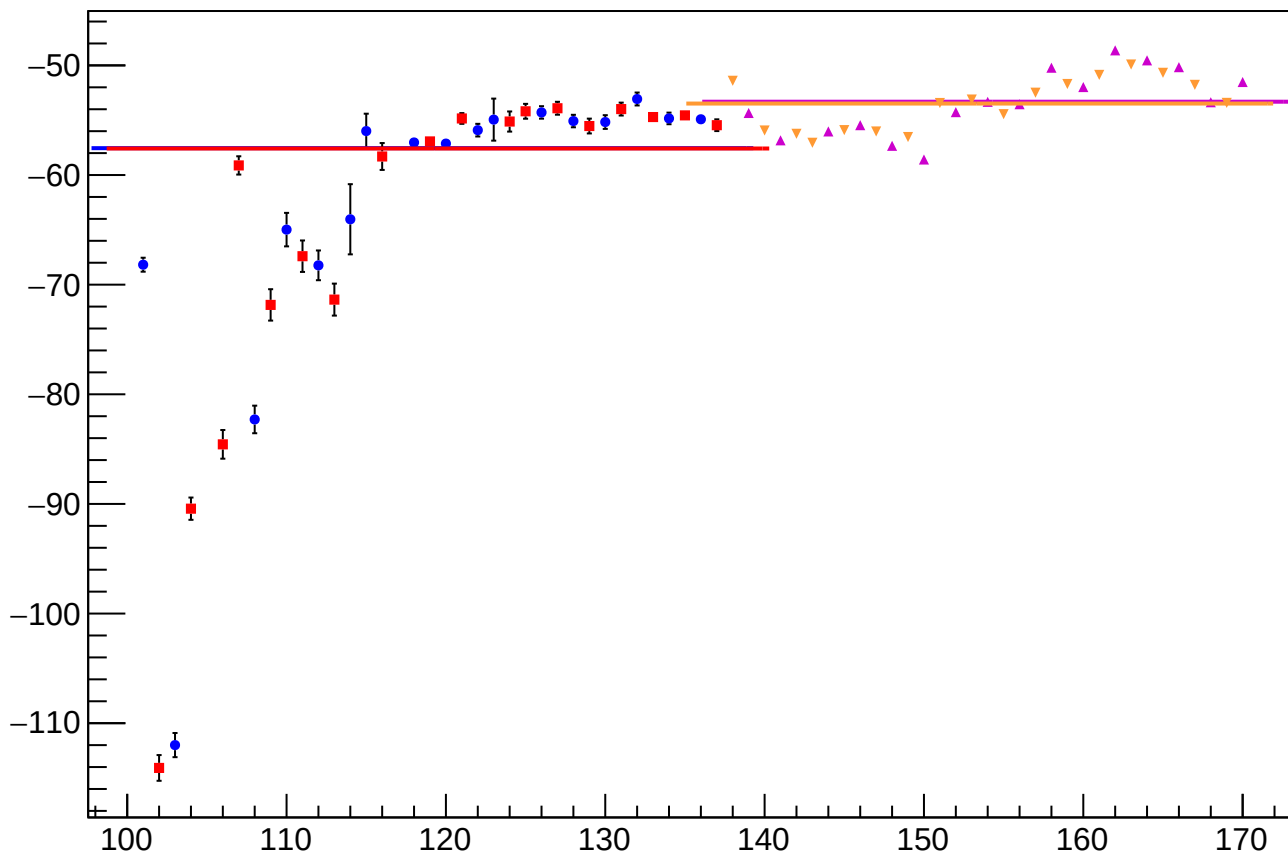
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.433 $\pm$ 0.090 χ^2/NDF : 522.5/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -5.127 $\pm$ 0.089 χ^2/NDF : 1041.8/15

Left: -5.279 $\pm$ 0.063 χ^2/NDF : 1570.1/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -5.127 $\pm$ 0.089 χ^2/NDF : 1041.8/15
 Out: -5.433 $\pm$ 0.090 χ^2/NDF : 522.5/16
 All: -5.279 $\pm$ 0.063 χ^2/NDF : 1570.1/32

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.481 ± 0.067 χ^2/NDF : 1194.4/16

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -53.312 ± 0.069 χ^2/NDF : 1921.9/15

Left: -53.399 ± 0.048 χ^2/NDF : 3119.4/32

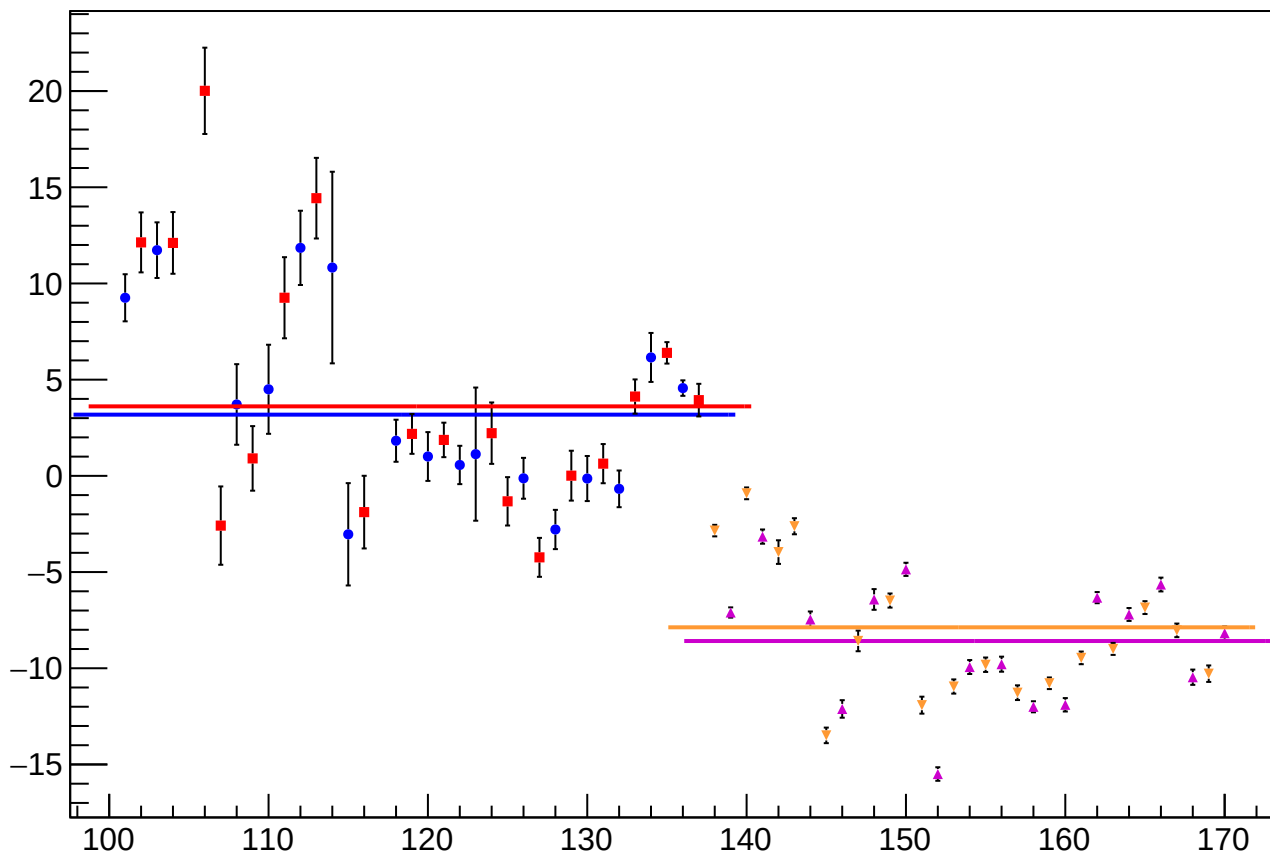
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -54.123 ± 0.062 χ^2/NDF : 6106.3/32

Out: -54.221 ± 0.061 χ^2/NDF : 6212.4/34

All: -54.173 ± 0.043 χ^2/NDF : 12320.0/67

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: -7.872 ± 0.089 $\chi^2/\text{NDF}: 1632.2/16$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.584 ± 0.088 $\chi^2/\text{NDF}: 1256.5/15$

Left: -8.233 ± 0.063 $\chi^2/\text{NDF}: 2921.1/32$

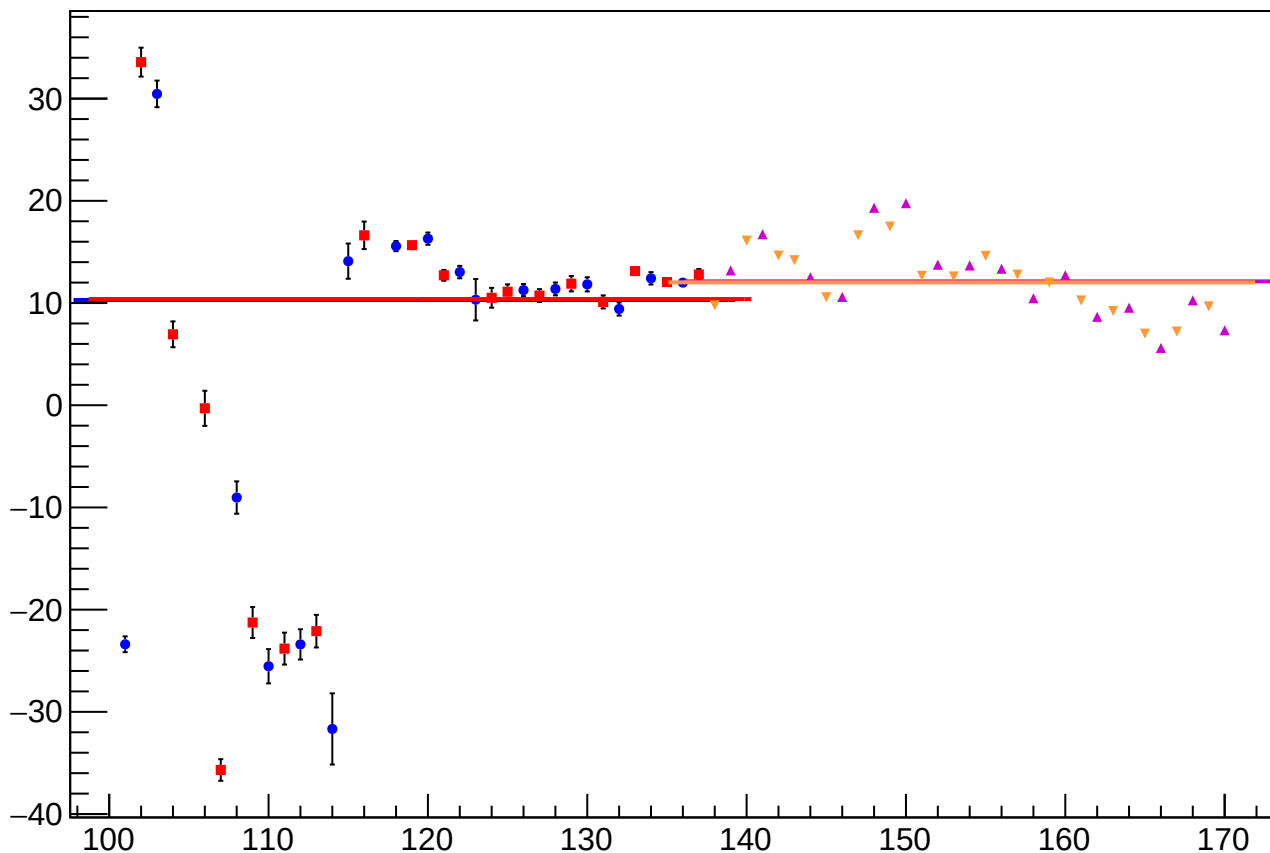
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.361 ± 0.083 $\chi^2/\text{NDF}: 3305.2/32$

Out: -6.732 ± 0.084 $\chi^2/\text{NDF}: 3576.9/34$

All: -7.051 ± 0.059 $\chi^2/\text{NDF}: 6910.3/67$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 12.023+/-0.076 χ^2/NDF :1568.1/16

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 12.119+/-0.077 χ^2/NDF :2342.1/15

Left: 12.071+/-0.054 χ^2/NDF : 3911.0/32

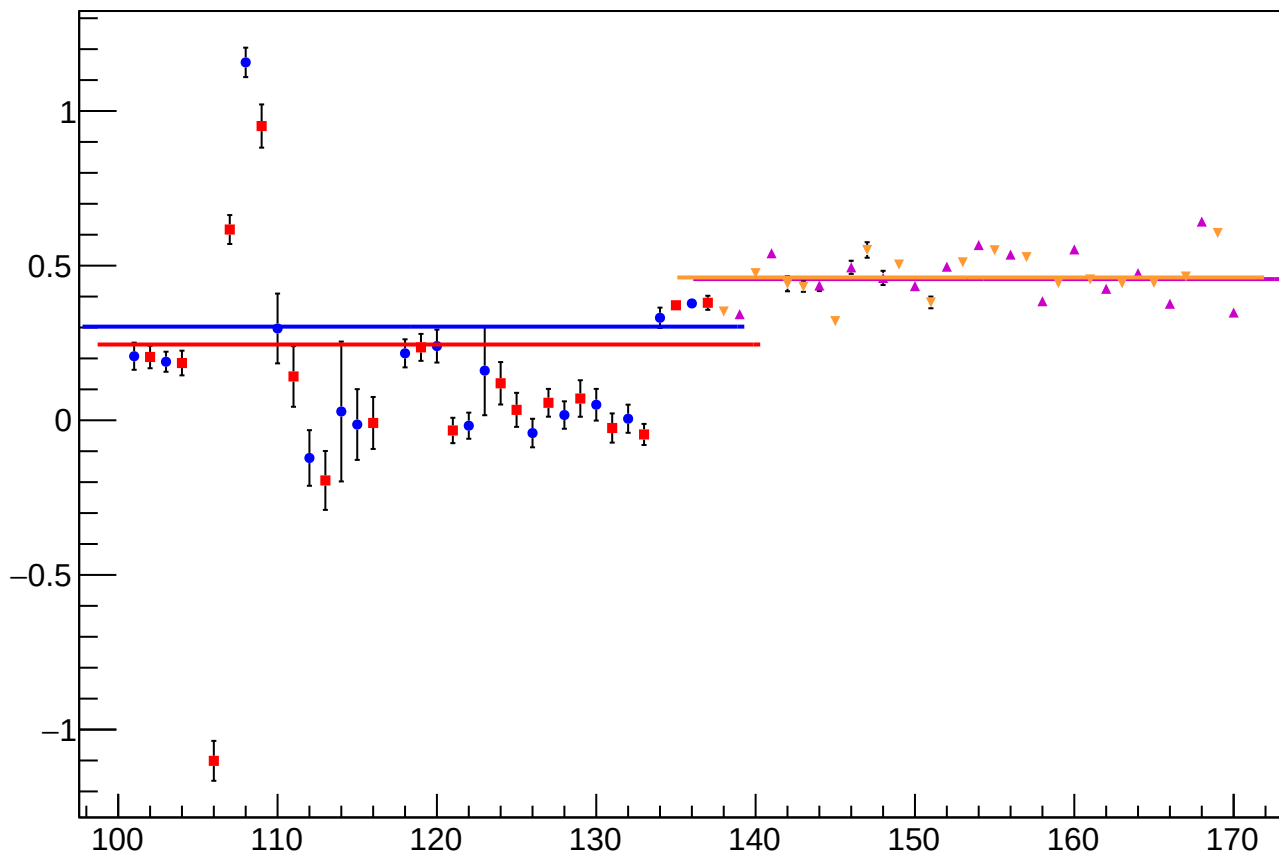
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.763+/-0.069 χ^2/NDF :6149.4/32

Out: 11.720+/-0.069 χ^2/NDF :5439.7/34

All: 11.742+/-0.049 χ^2/NDF : 11589.3/67

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: 0.462 $\pm$ 0.003 χ^2 /NDF:388.4/16

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.456 $\pm$ 0.003 χ^2 /NDF:668.6/15

Left: 0.459 $\pm$ 0.002 χ^2 /NDF: 1058.2/32

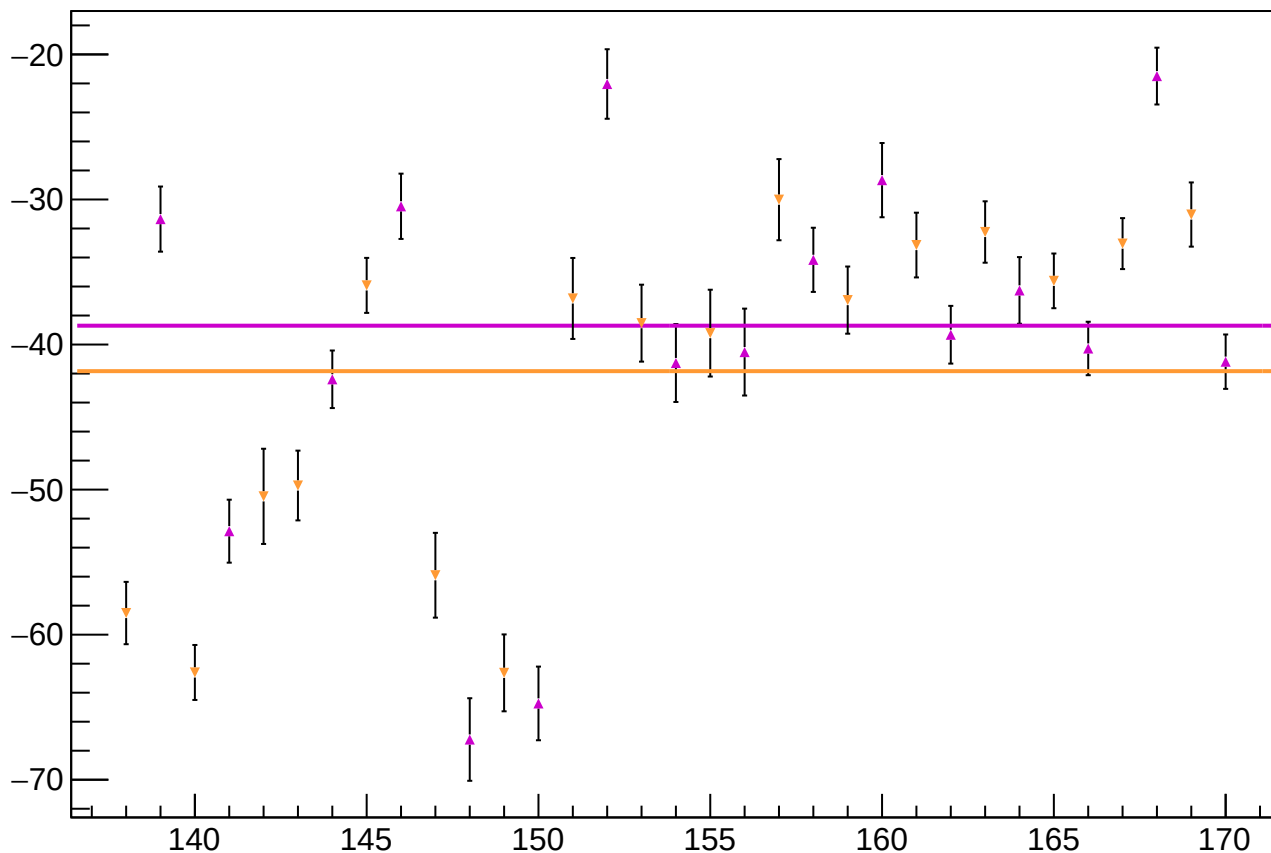
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.434 $\pm$ 0.003 χ^2 /NDF:1616.3/32

Out: 0.431 $\pm$ 0.003 χ^2 /NDF:1899.4/34

All: 0.433 $\pm$ 0.002 χ^2 /NDF: 3516.1/67

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.834+/-0.557 χ^2/NDF : 415.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.700+/-0.559 χ^2/NDF : 425.9/15

Left: -40.273+/-0.394 χ^2/NDF : 857.5/32

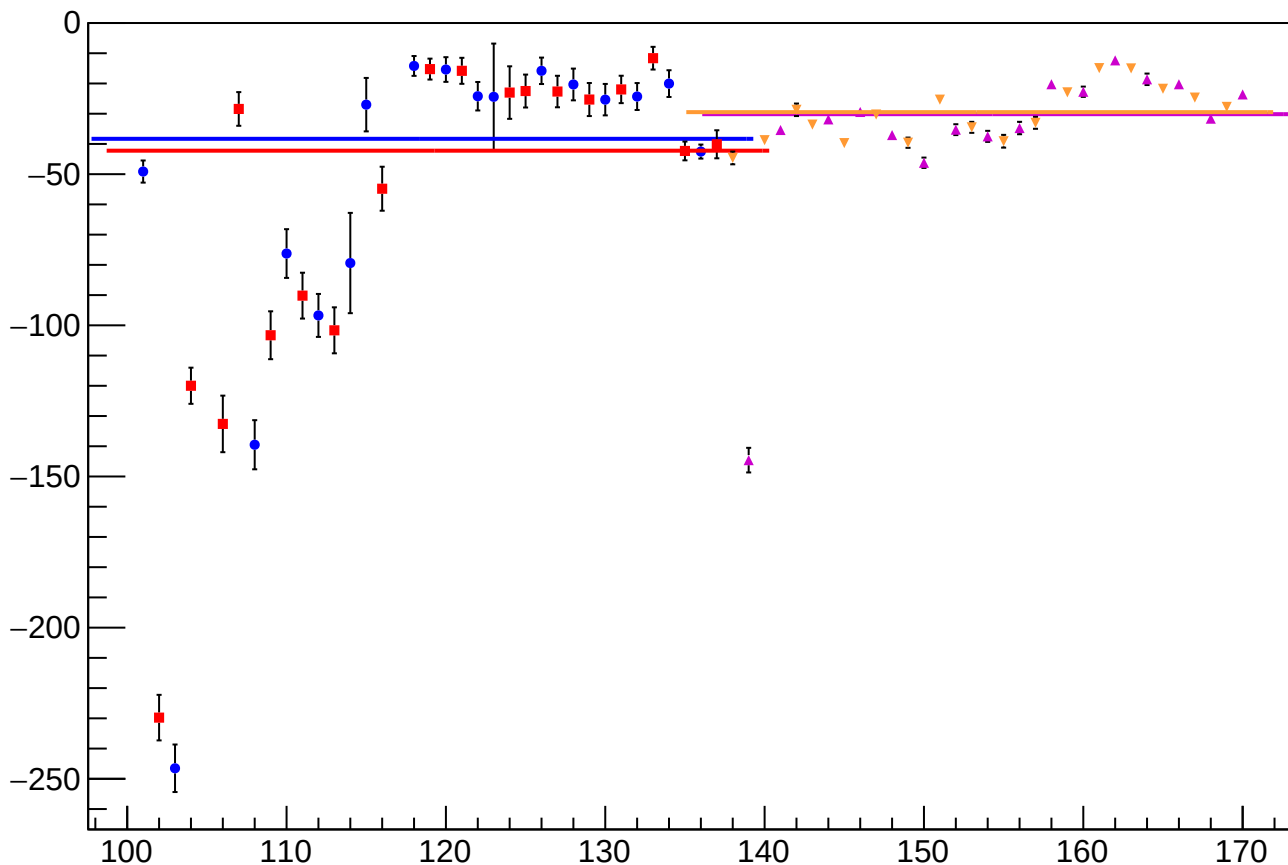
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.700+/-0.559 χ^2/NDF : 425.9/15

Out: -41.834+/-0.557 χ^2/NDF : 415.8/16

All: -40.273+/-0.394 χ^2/NDF : 857.5/32

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -29.479 ± 0.404 $\chi^2/\text{NDF}: 432.0/16$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -30.155 ± 0.412 $\chi^2/\text{NDF}: 1227.2/15$

Left: -29.811 ± 0.289 $\chi^2/\text{NDF}: 1660.6/32$

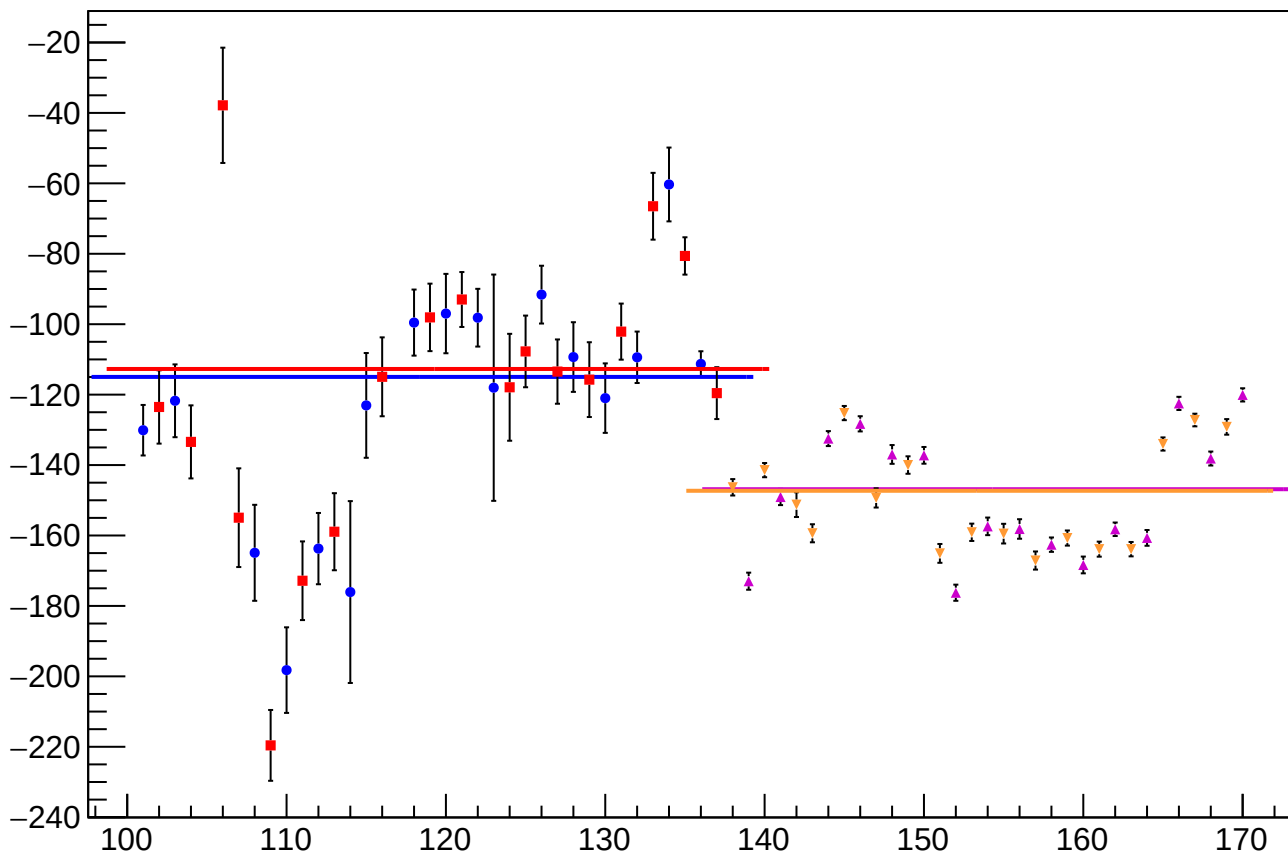
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -31.099 ± 0.387 $\chi^2/\text{NDF}: 2405.3/32$

Out: -30.761 ± 0.384 $\chi^2/\text{NDF}: 1810.1/34$

All: -30.928 ± 0.273 $\chi^2/\text{NDF}: 4215.8/67$

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: -147.302 ± 0.553 $\chi^2/\text{NDF}: 714.3/16$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -146.857 ± 0.550 $\chi^2/\text{NDF}: 1072.0/15$

Left: -147.078 ± 0.390 $\chi^2/\text{NDF}: 1786.6/32$

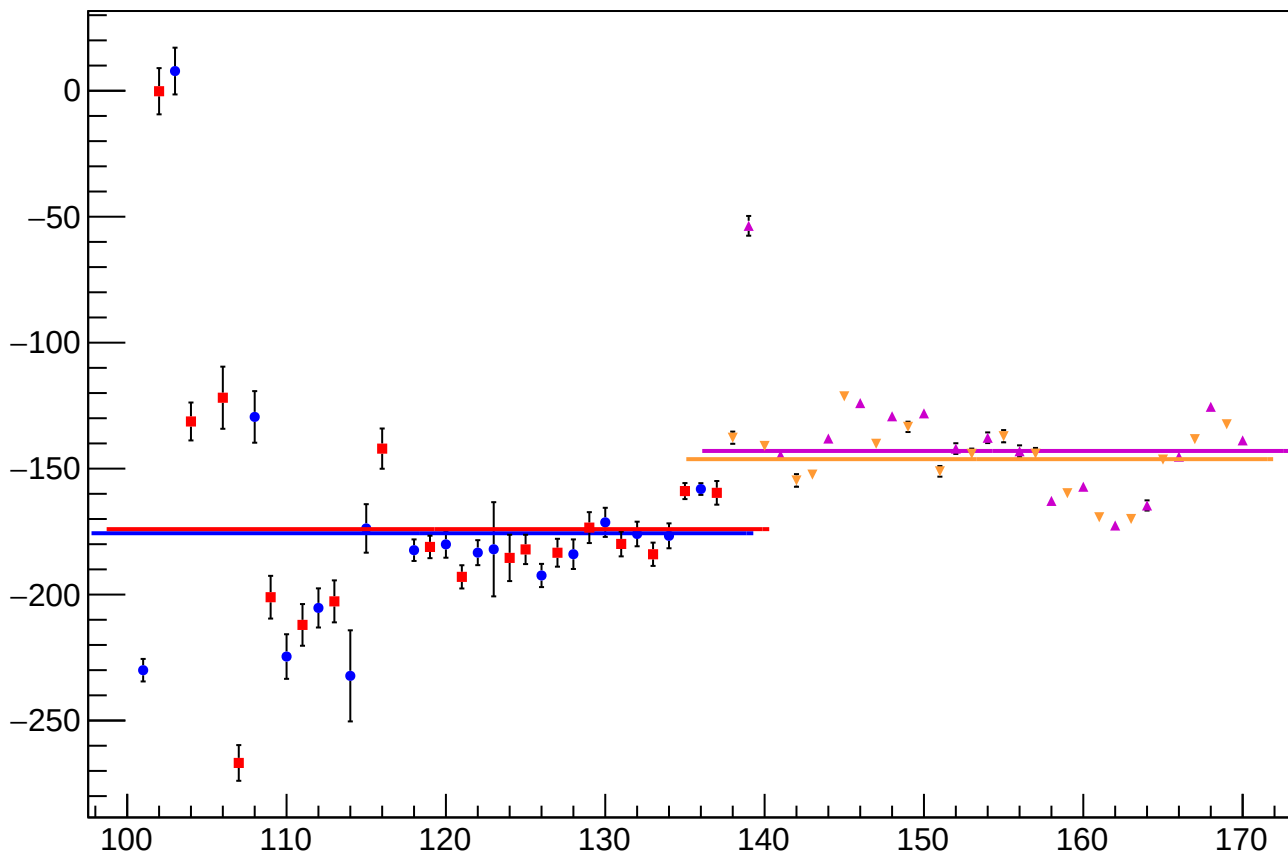
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -144.762 ± 0.532 $\chi^2/\text{NDF}: 1434.1/32$

Out: -145.261 ± 0.537 $\chi^2/\text{NDF}: 1211.9/34$

All: -145.009 ± 0.378 $\chi^2/\text{NDF}: 2646.4/67$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -146.243 ± 0.465 χ^2/NDF : 850.0/16

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.988 ± 0.472 χ^2/NDF : 1497.9/15

Left: -144.638 ± 0.331 χ^2/NDF : 2372.0/32

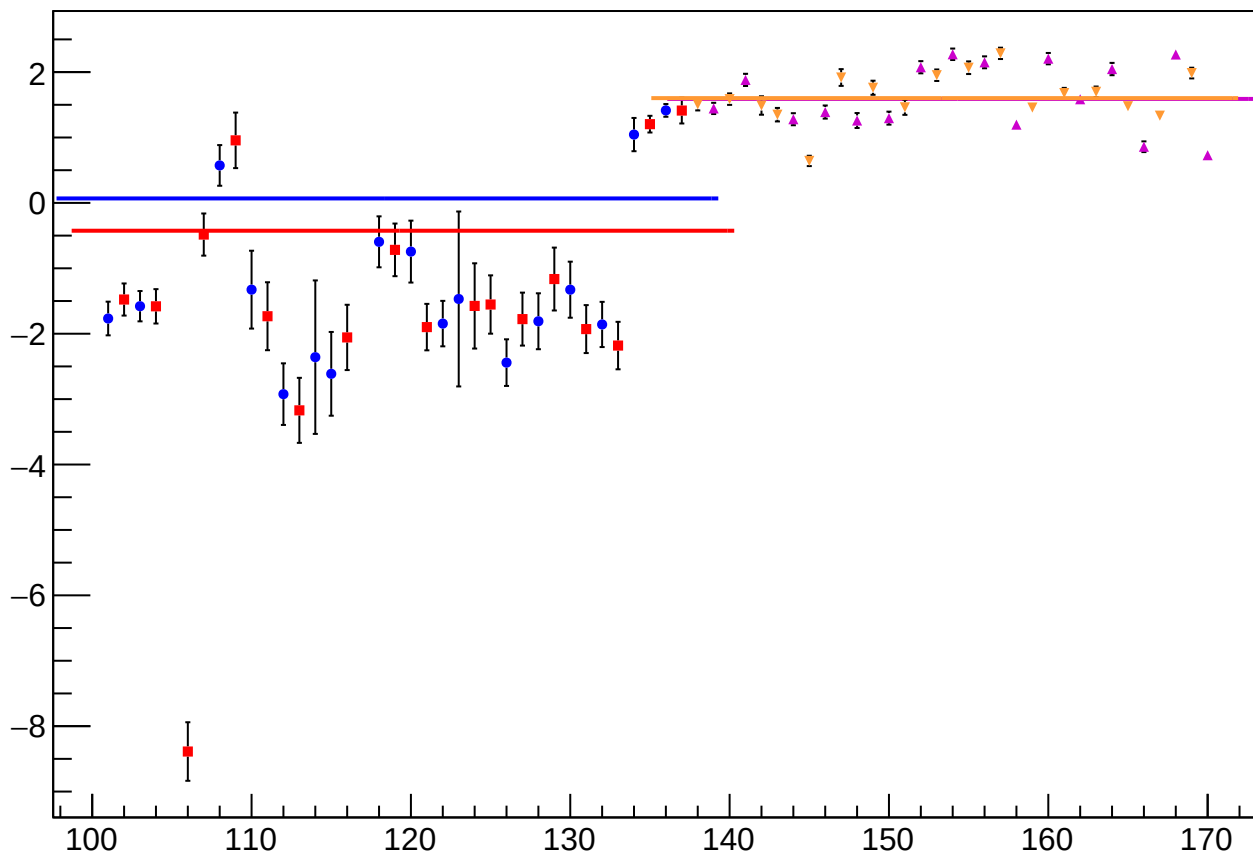
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -146.950 ± 0.442 χ^2/NDF : 2772.0/32

Out: -149.171 ± 0.440 χ^2/NDF : 1929.4/34

All: -148.066 ± 0.312 χ^2/NDF : 4714.1/67

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: 1.602 $\pm$ 0.022 χ^2 /NDF:309.8/16

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.590 $\pm$ 0.022 χ^2 /NDF:591.2/15

Left: 1.596 $\pm$ 0.015 χ^2 /NDF: 901.2/32

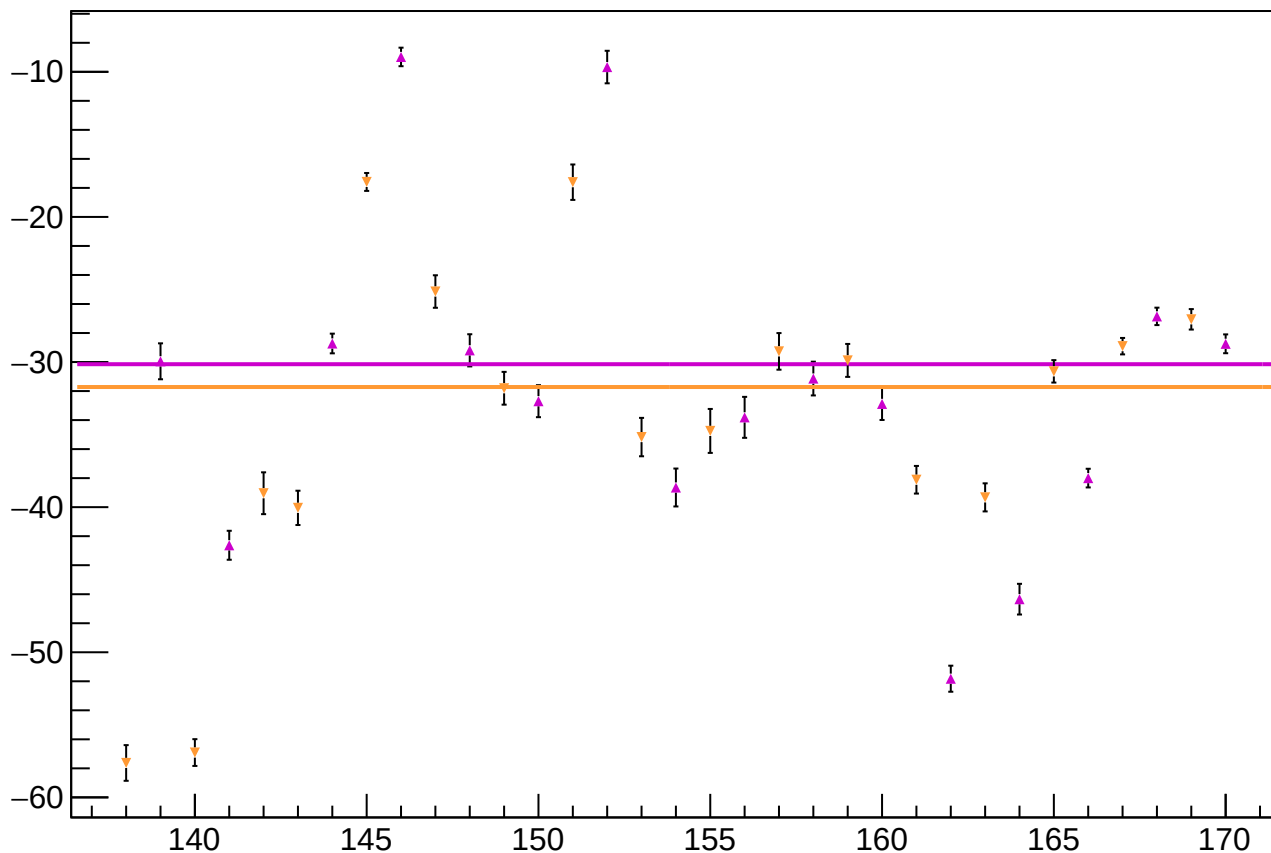
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.447 $\pm$ 0.021 χ^2 /NDF:1584.4/32

Out: 1.430 $\pm$ 0.021 χ^2 /NDF:1793.7/34

All: 1.439 $\pm$ 0.015 χ^2 /NDF: 3378.4/67

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



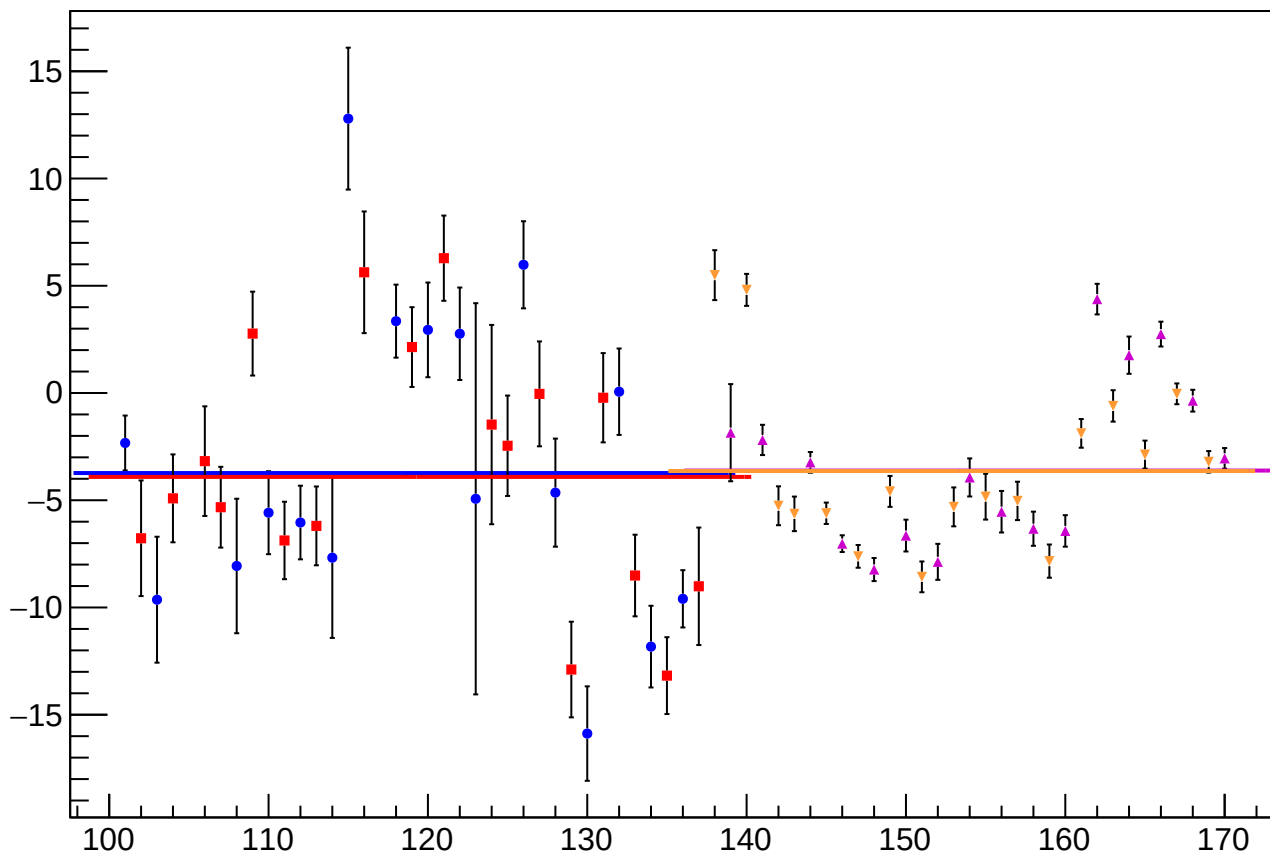
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -31.721 ± 0.228 χ^2/NDF : 2151.9/16
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -30.149 ± 0.218 χ^2/NDF : 2657.0/15

Left: -30.901 ± 0.157 χ^2/NDF : 4833.7/32
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -30.149 ± 0.218 χ^2/NDF : 2657.0/15
 Out: -31.721 ± 0.228 χ^2/NDF : 2151.9/16

All: -30.901 ± 0.157 χ^2/NDF : 4833.7/32

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: -3.638 ± 0.166 $\chi^2/\text{NDF}: 437.9/16$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -3.616 ± 0.158 $\chi^2/\text{NDF}: 554.7/15$

Left: -3.627 ± 0.114 $\chi^2/\text{NDF}: 992.6/32$

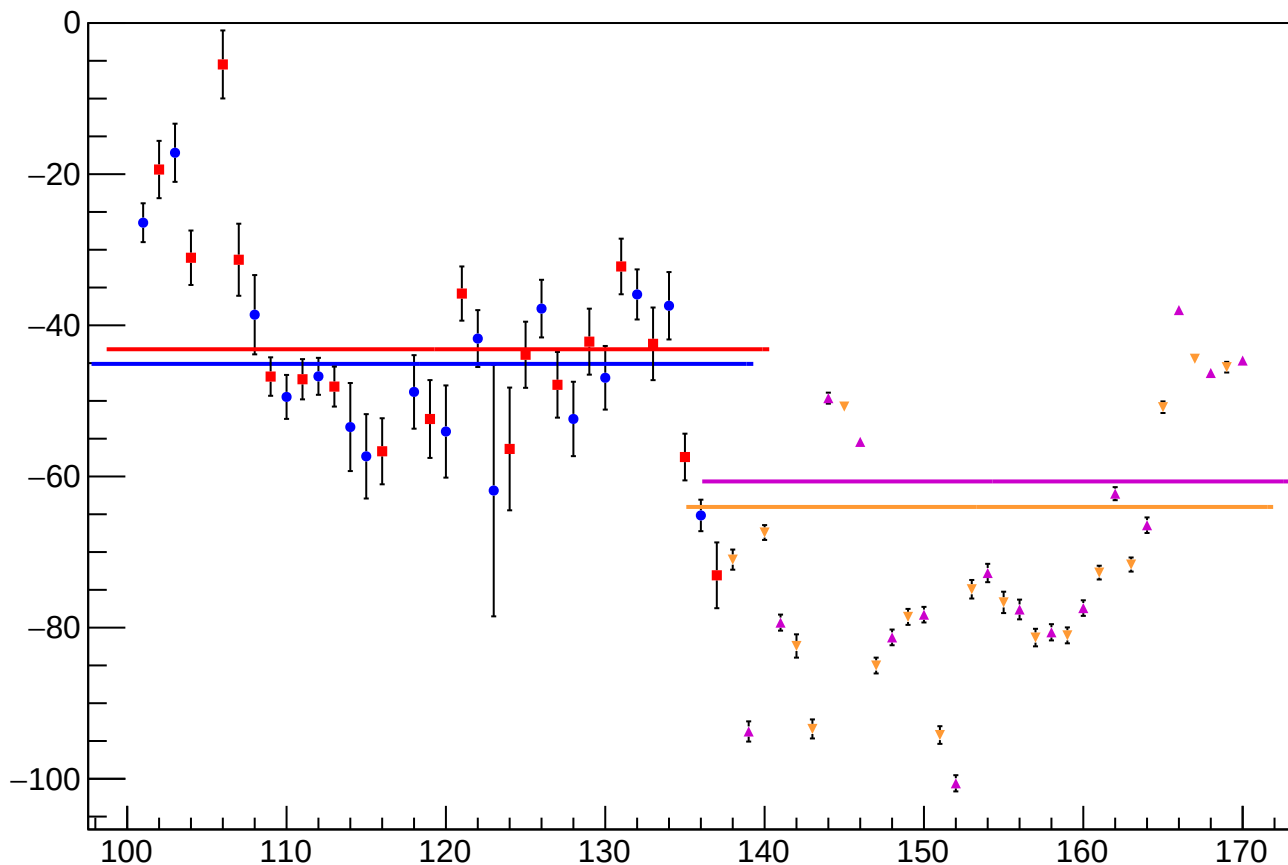
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -3.627 ± 0.151 $\chi^2/\text{NDF}: 720.6/32$

Out: -3.664 ± 0.158 $\chi^2/\text{NDF}: 563.0/34$

All: -3.645 ± 0.109 $\chi^2/\text{NDF}: 1283.6/67$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -64.031 ± 0.227 χ^2/NDF : 5319.3/16

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -60.656 ± 0.216 χ^2/NDF : 6570.3/15

Left: -62.256 ± 0.156 χ^2/NDF : 12005.6/32

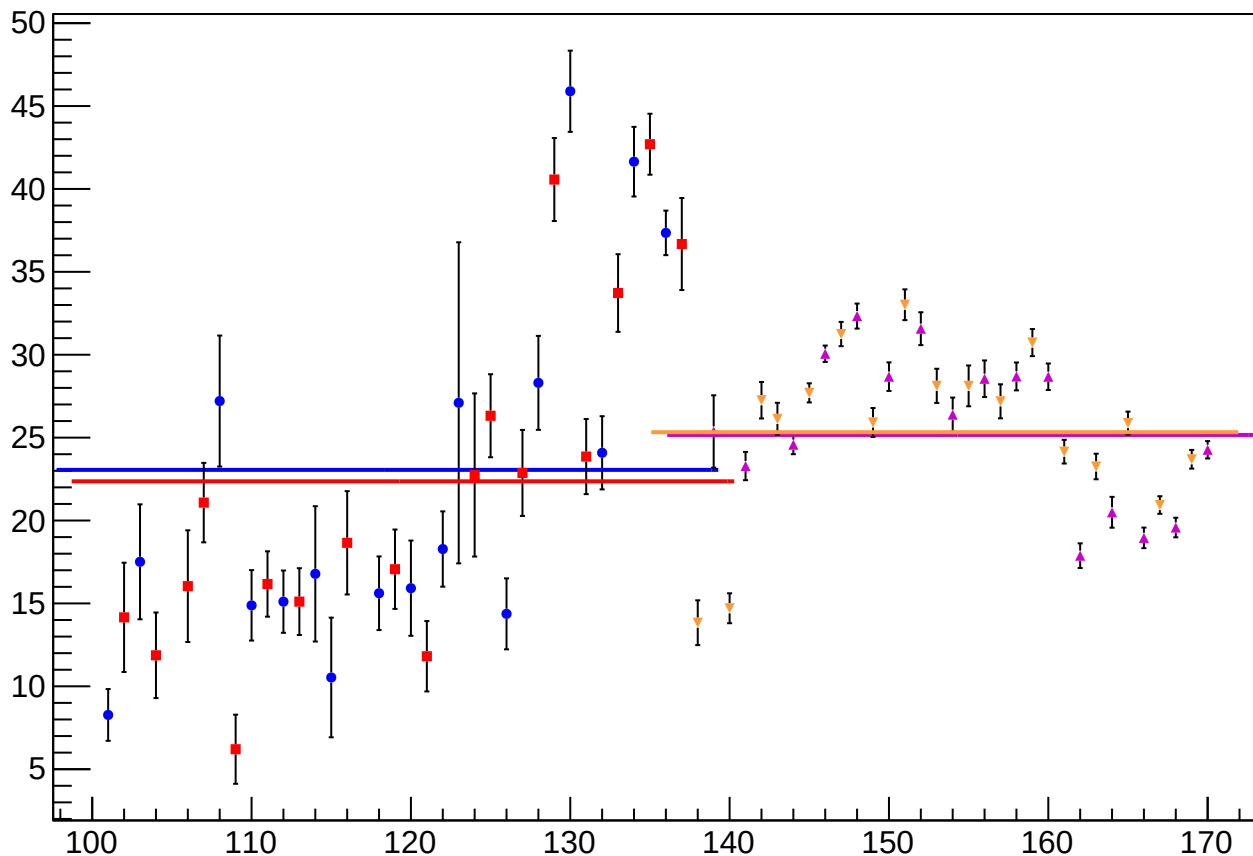
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -59.779 ± 0.210 χ^2/NDF : 7094.0/32

Out: -62.724 ± 0.220 χ^2/NDF : 6080.1/34

All: -61.180 ± 0.152 χ^2/NDF : 13268.1/67

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: 25.329 $\pm$ 0.191 χ^2/NDF : 512.8/16

Right Out: 22.365 $\pm$ 0.573 χ^2/NDF : 368.8/17

Left In: 25.162 $\pm$ 0.184 χ^2/NDF : 613.8/15

Left: 25.242 $\pm$ 0.132 χ^2/NDF : 1127.0/32

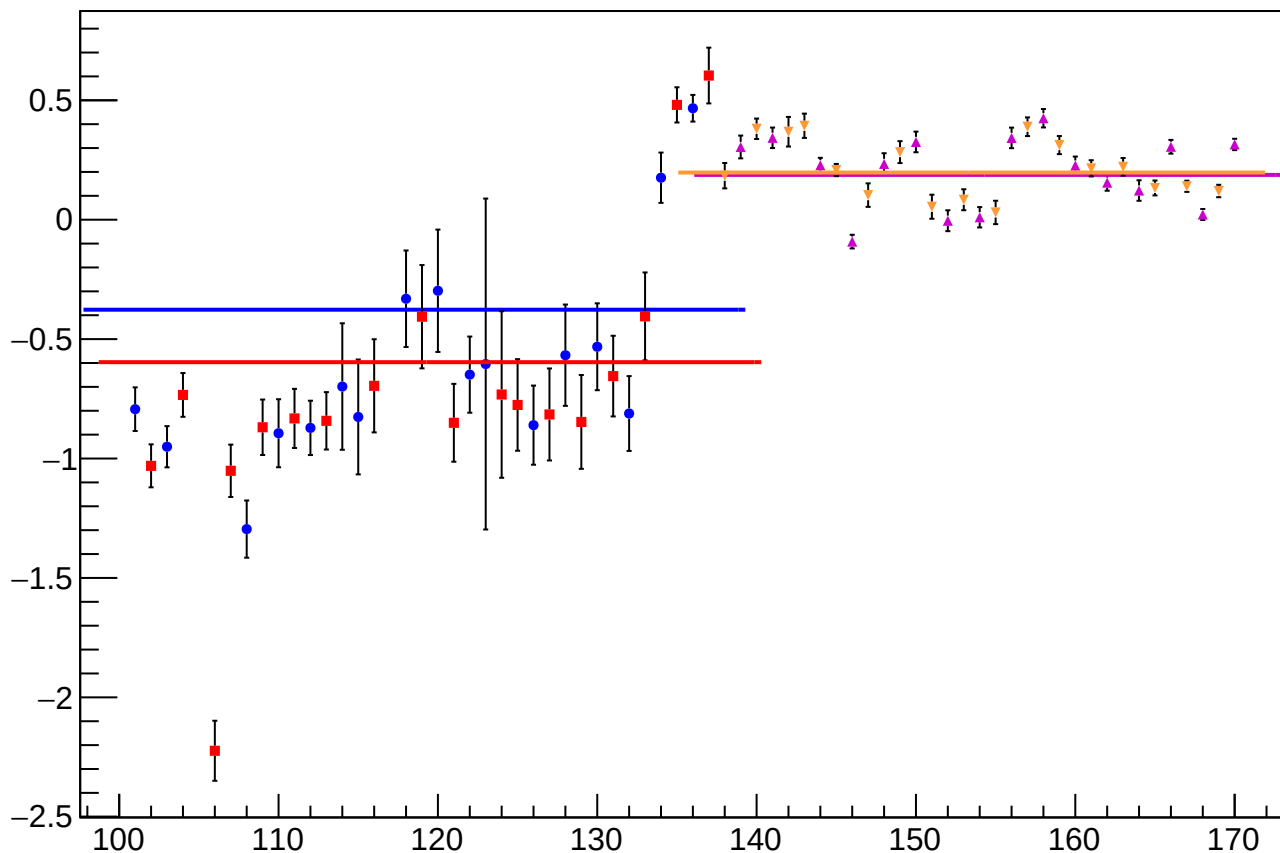
Right: 22.720 $\pm$ 0.399 χ^2/NDF : 830.6/34

In: 24.956 $\pm$ 0.174 χ^2/NDF : 1087.8/32

Out: 25.033 $\pm$ 0.181 χ^2/NDF : 905.7/34

All: 24.993 $\pm$ 0.126 χ^2/NDF : 1993.6/67

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.198 ± 0.009 $\chi^2/\text{NDF}: 127.7/16$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.188 ± 0.009 $\chi^2/\text{NDF}: 316.1/15$

Left: 0.192 ± 0.006 $\chi^2/\text{NDF}: 444.4/32$

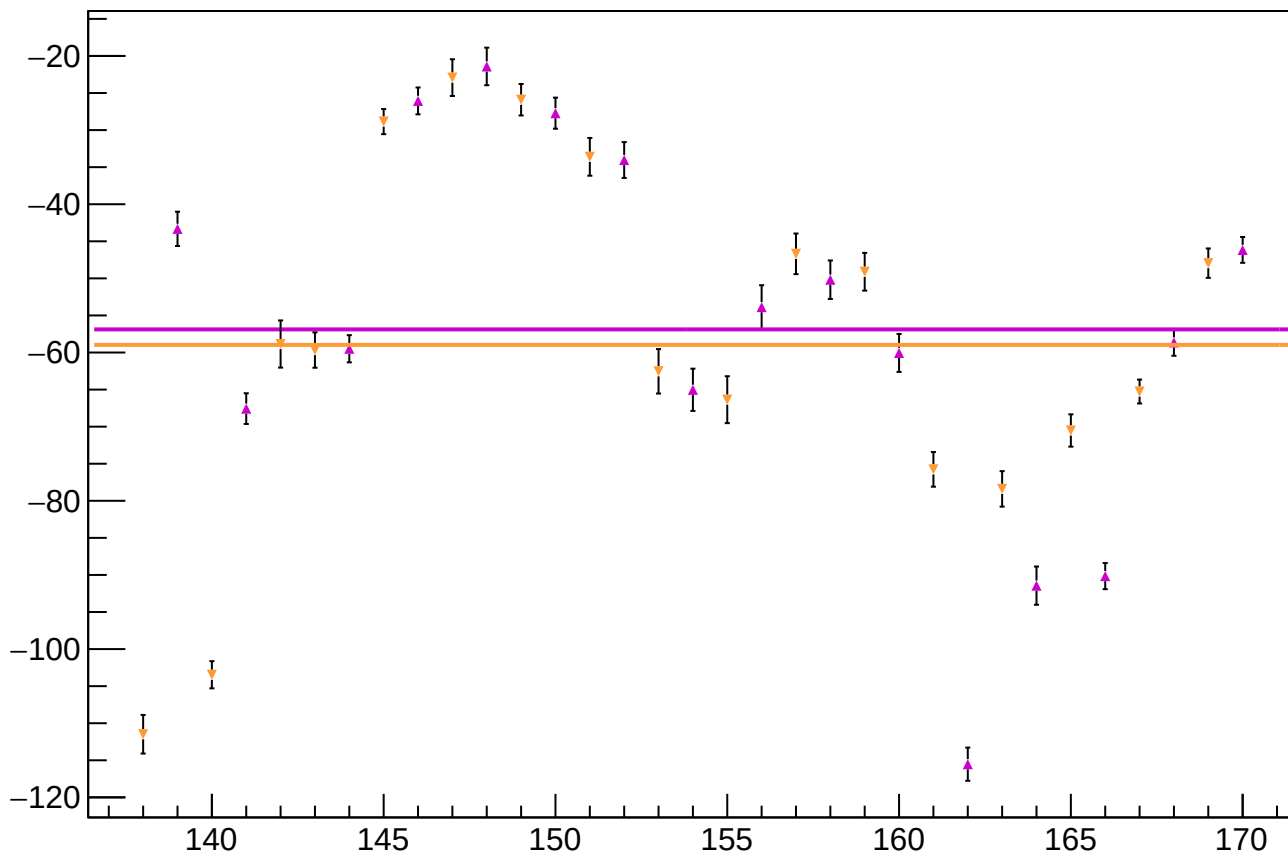
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.145 ± 0.008 $\chi^2/\text{NDF}: 1078.5/32$

Out: 0.134 ± 0.009 $\chi^2/\text{NDF}: 1313.1/34$

All: 0.140 ± 0.006 $\chi^2/\text{NDF}: 2392.5/67$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

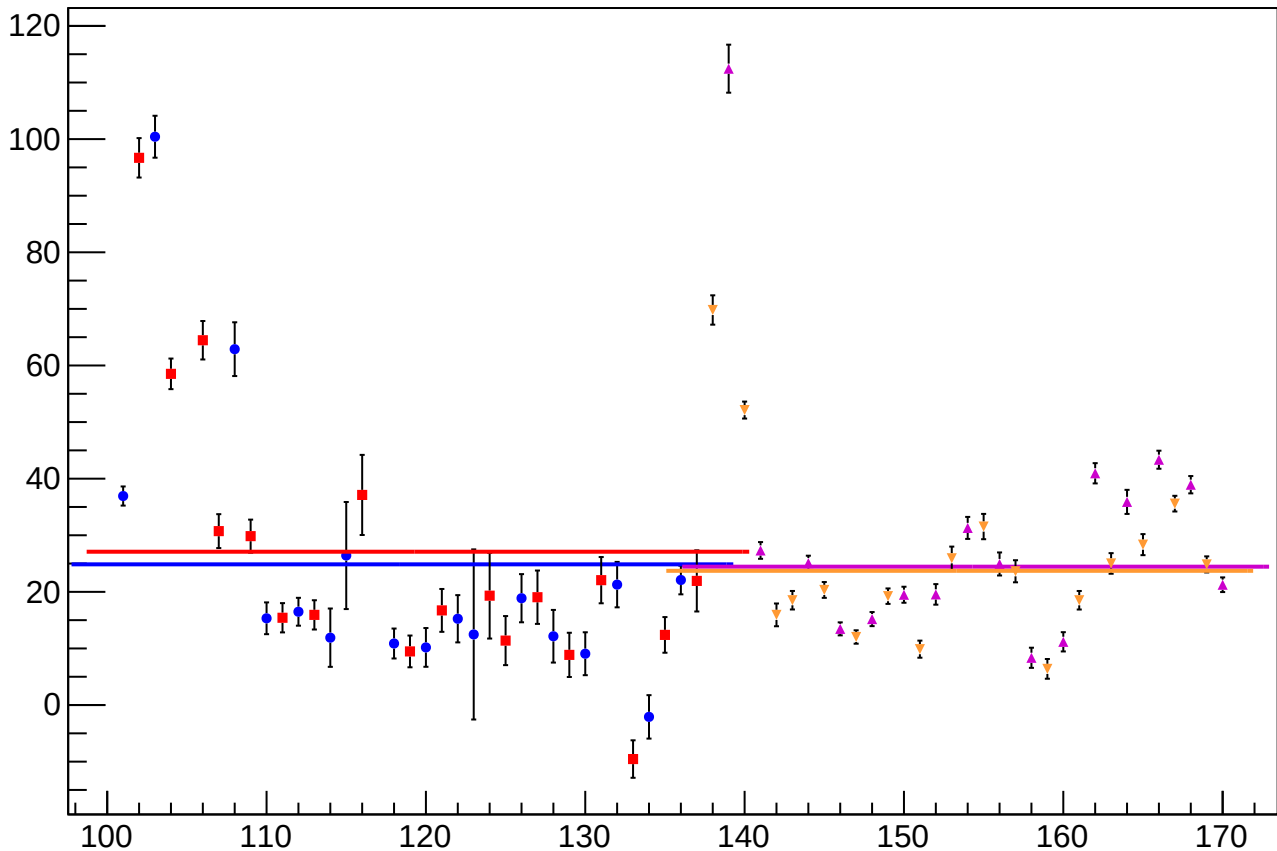


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.969+/-0.549 χ^2/NDF :2098.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.880+/-0.540 χ^2/NDF :2110.5/15

Left: -57.908+/-0.385 χ^2/NDF : 4216.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -56.880+/-0.540 χ^2/NDF :2110.5/15
 Out: -58.969+/-0.549 χ^2/NDF :2098.6/16

All: -57.908+/-0.385 χ^2/NDF : 4216.5/32

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: 23.718 $\pm$ 0.395 χ^2 /NDF:1100.8/16

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 24.449 $\pm$ 0.395 χ^2 /NDF:1105.6/15

Left: 24.084 $\pm$ 0.279 χ^2 /NDF: 2208.1/32

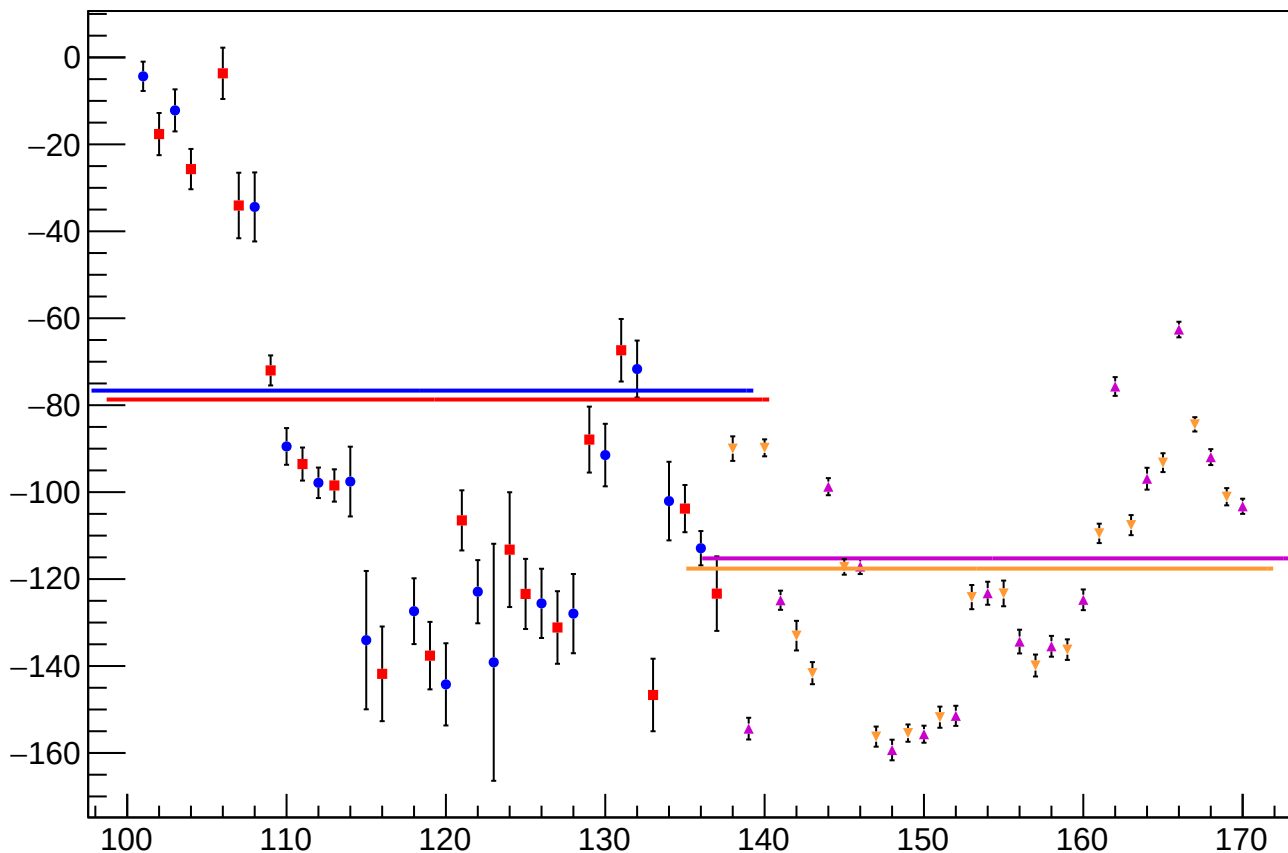
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 24.530 $\pm$ 0.354 χ^2 /NDF:1796.9/32

Out: 24.363 $\pm$ 0.355 χ^2 /NDF:2045.7/34

All: 24.447 $\pm$ 0.251 χ^2 /NDF: 3842.7/67

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -117.592 ± 0.546 $\chi^2/\text{NDF}: 2030.4/16$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -115.239 ± 0.533 $\chi^2/\text{NDF}: 2957.3/15$

Left: -116.387 ± 0.381 $\chi^2/\text{NDF}: 4997.3/32$

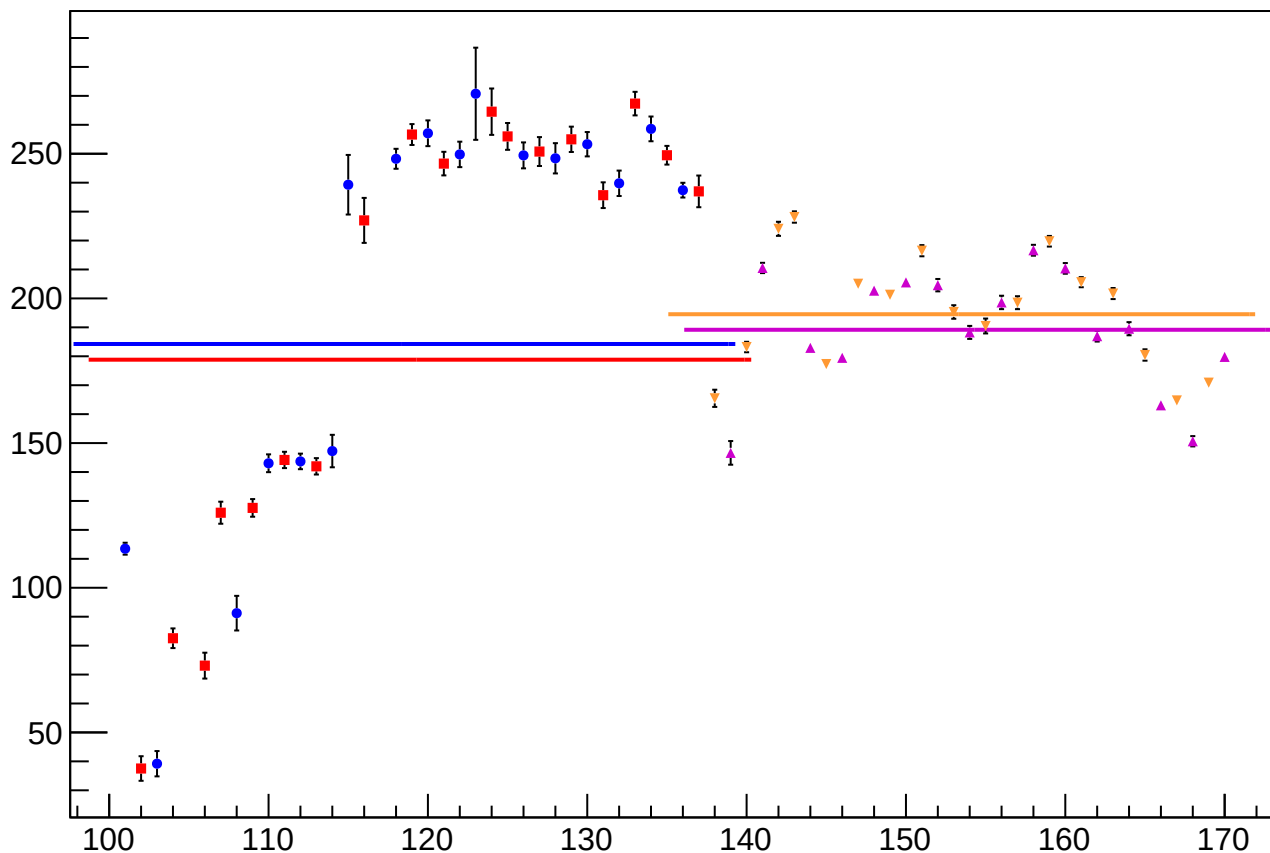
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -110.440 ± 0.499 $\chi^2/\text{NDF}: 4649.8/32$

Out: -112.191 ± 0.507 $\chi^2/\text{NDF}: 3571.4/34$

All: -111.302 ± 0.356 $\chi^2/\text{NDF}: 8227.2/67$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 ± 0.915 χ^2/NDF : 5388.6/16

Left Out: 194.535 ± 0.458 χ^2/NDF : 1783.8/16

Right Out: 178.822 ± 0.926 χ^2/NDF : 6171.0/17

Left In: 189.162 ± 0.456 χ^2/NDF : 1638.9/15

Left: 191.837 ± 0.323 χ^2/NDF : 3491.8/32

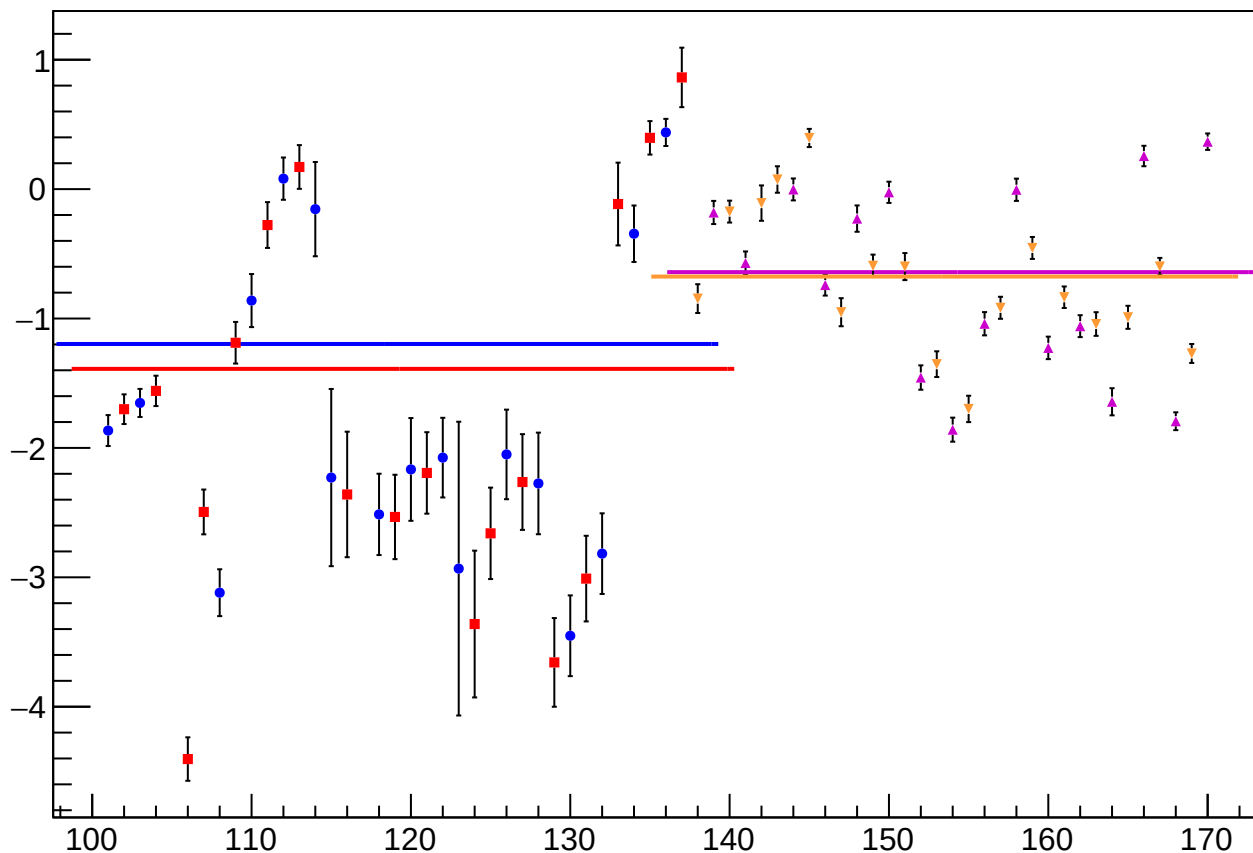
Right: 181.565 ± 0.651 χ^2/NDF : 11576.9/34

In: 188.184 ± 0.408 χ^2/NDF : 7050.6/32

Out: 191.445 ± 0.411 χ^2/NDF : 8186.3/34

All: 189.806 ± 0.289 χ^2/NDF : 15268.6/67

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.676 ± 0.022 χ^2/NDF : 609.9/16

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.642 ± 0.021 χ^2/NDF : 1300.7/15

Left: -0.658 ± 0.015 χ^2/NDF : 1911.8/32

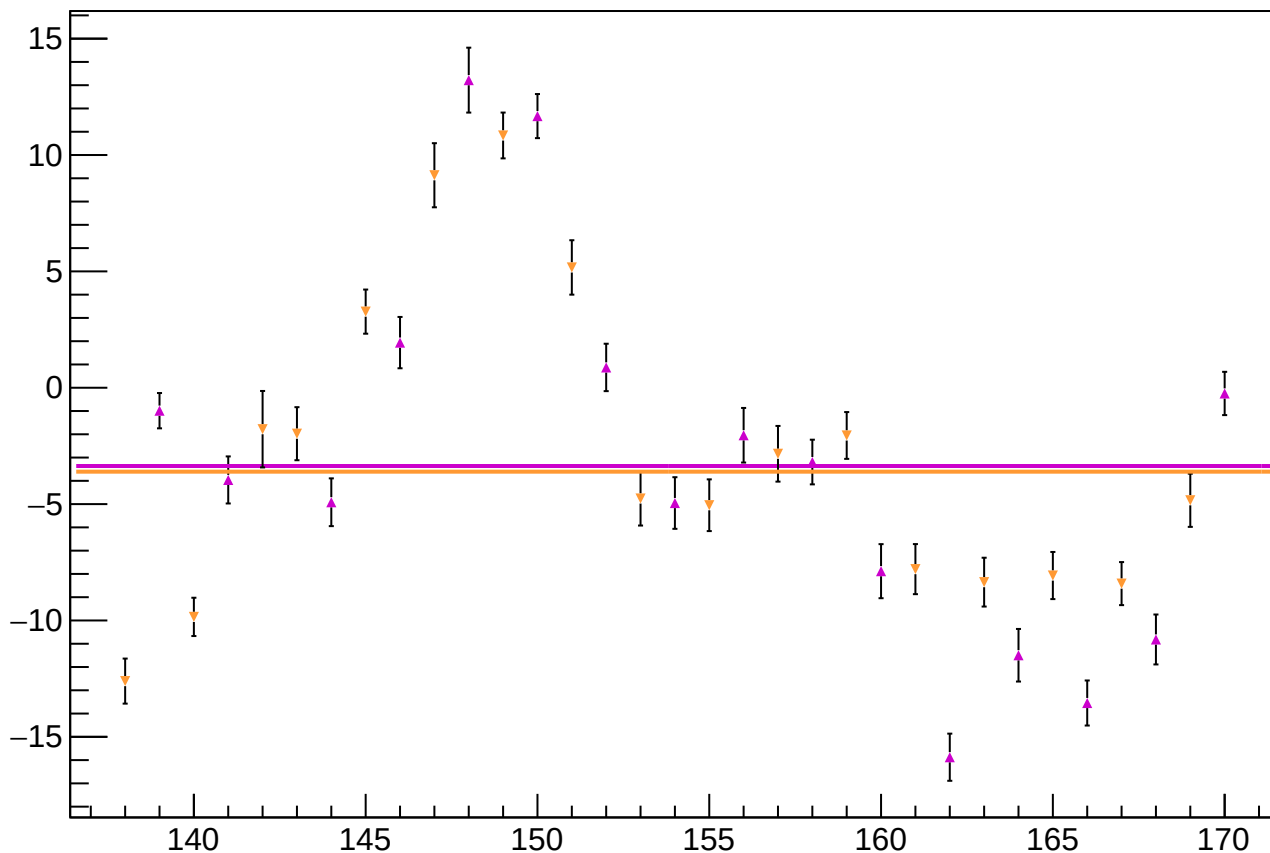
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.731 ± 0.019 χ^2/NDF : 2033.9/32

Out: -0.804 ± 0.019 χ^2/NDF : 1728.9/34

All: -0.767 ± 0.014 χ^2/NDF : 3769.8/67

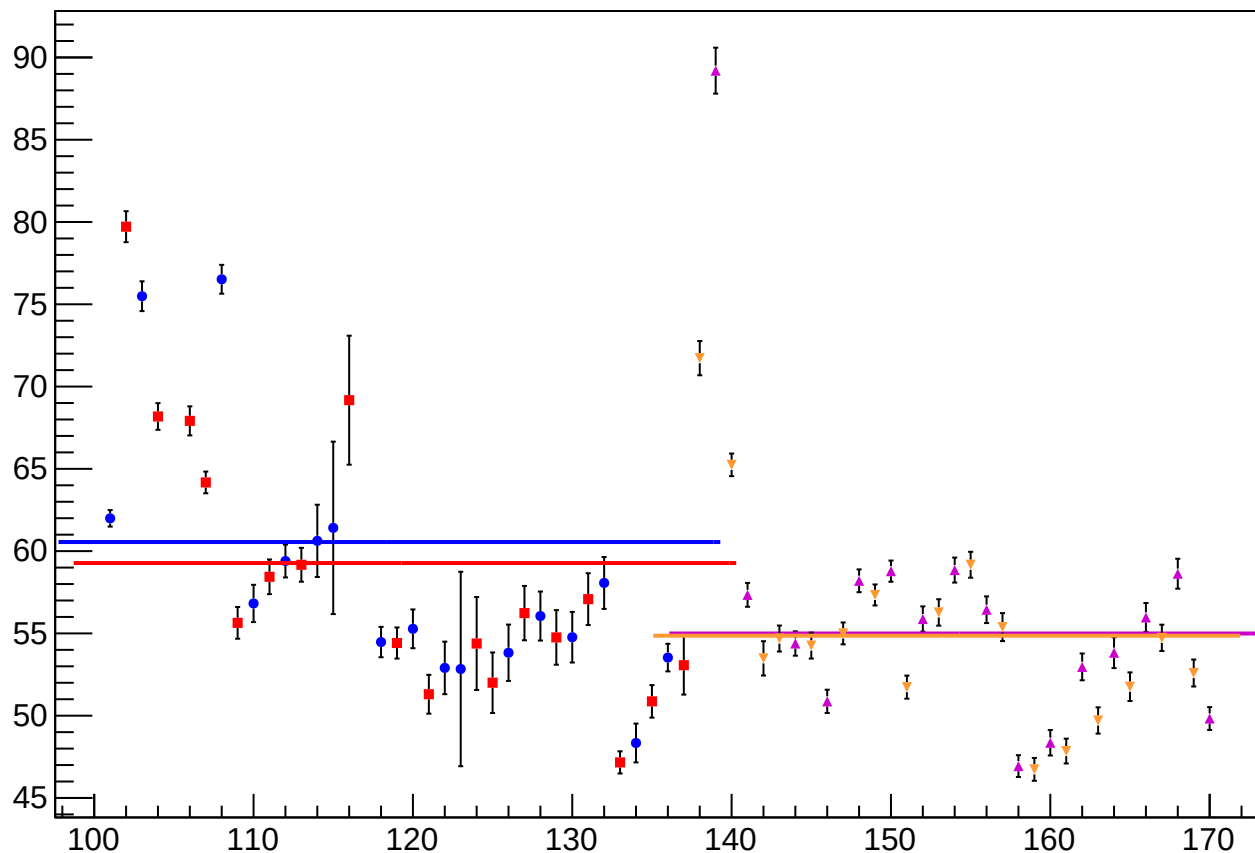
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.606+/-0.258 χ^2/NDF : 645.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.363+/-0.256 χ^2/NDF : 839.2/15

Left: -3.484+/-0.182 χ^2/NDF : 1485.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.363+/-0.256 χ^2/NDF : 839.2/15
 Out: -3.606+/-0.258 χ^2/NDF : 645.8/16
 All: -3.484+/-0.182 χ^2/NDF : 1485.5/32

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: 54.861 ± 0.188 $\chi^2/\text{NDF}: 847.7/16$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 54.995 ± 0.193 $\chi^2/\text{NDF}: 1032.8/15$

Left: 54.926 ± 0.135 $\chi^2/\text{NDF}: 1880.7/32$

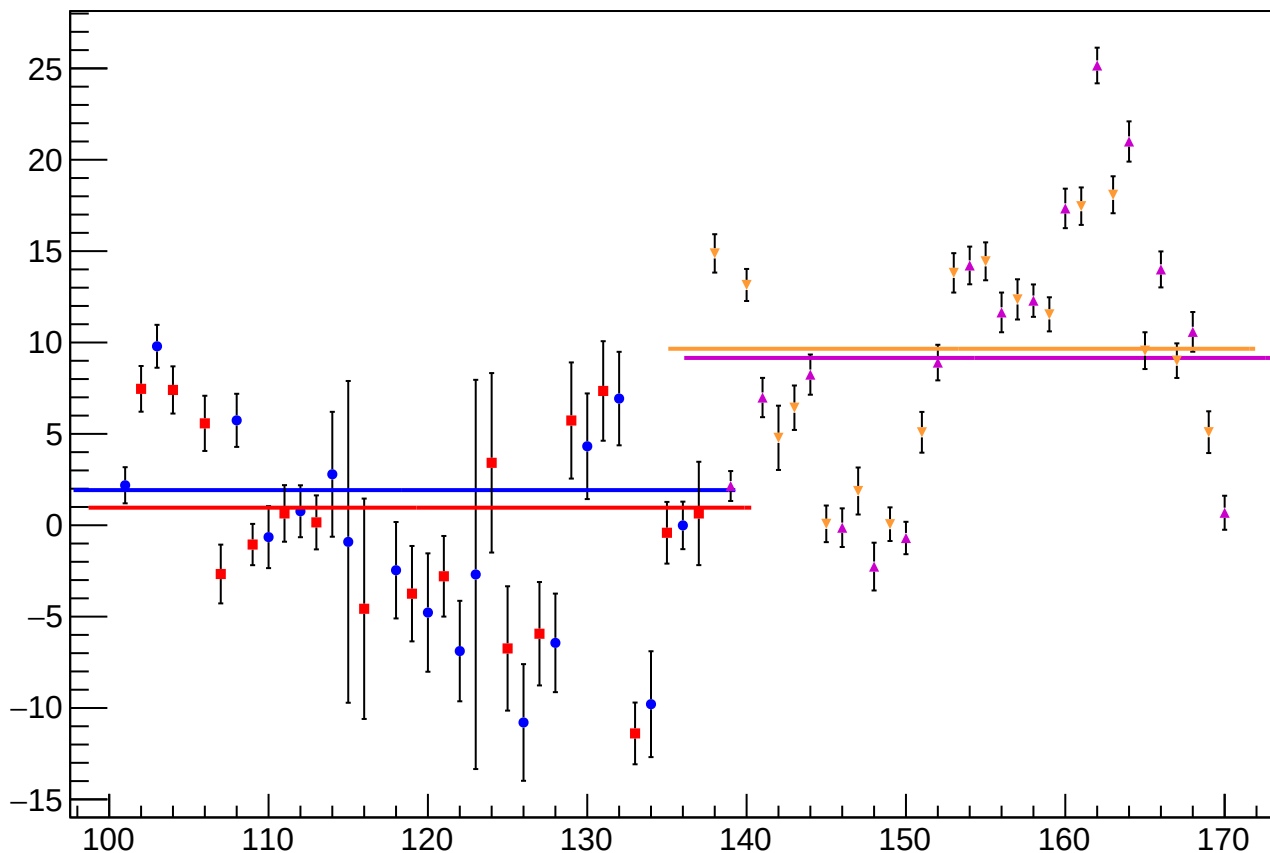
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 56.952 ± 0.155 $\chi^2/\text{NDF}: 2255.8/32$

Out: 56.466 ± 0.150 $\chi^2/\text{NDF}: 2322.7/34$

All: 56.701 ± 0.108 $\chi^2/\text{NDF}: 4583.5/67$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923+/-0.458 χ^2/NDF : 121.1/16

Left Out: 9.658+/-0.255 χ^2/NDF : 498.8/16

Right Out: 0.962+/-0.430 χ^2/NDF : 150.1/17

Left In: 9.155+/-0.251 χ^2/NDF : 947.7/15

Left: 9.403+/-0.179 χ^2/NDF : 1448.5/32

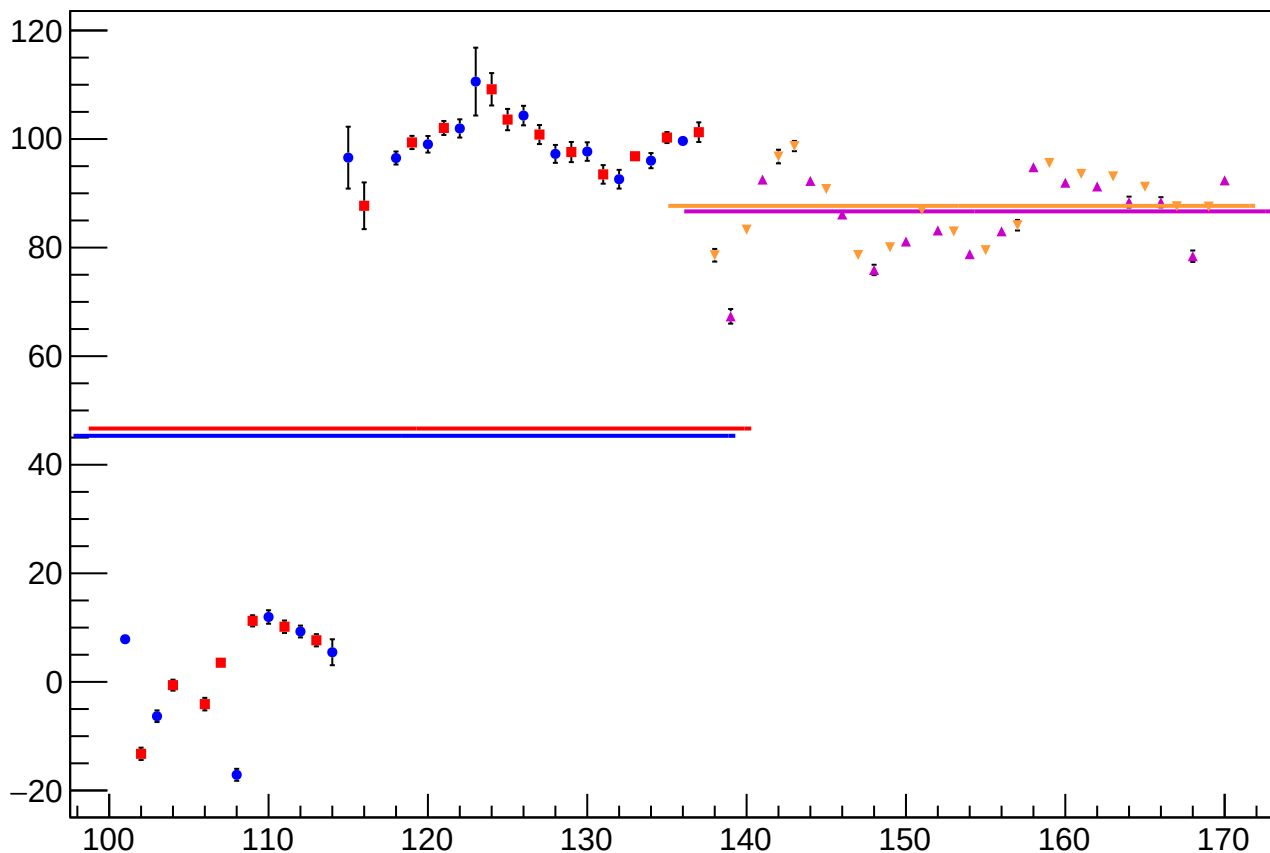
Right: 1.411+/-0.313 χ^2/NDF : 273.5/34

In: 7.481+/-0.220 χ^2/NDF : 1260.2/32

Out: 7.390+/-0.219 χ^2/NDF : 951.7/34

All: 7.436+/-0.156 χ^2/NDF : 2212.0/67

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.689 $\pm$ 0.216 χ^2 /NDF:837.4/16

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.672 $\pm$ 0.220 χ^2 /NDF:917.5/15

Left: 87.188 $\pm$ 0.154 χ^2 /NDF: 1765.8/32

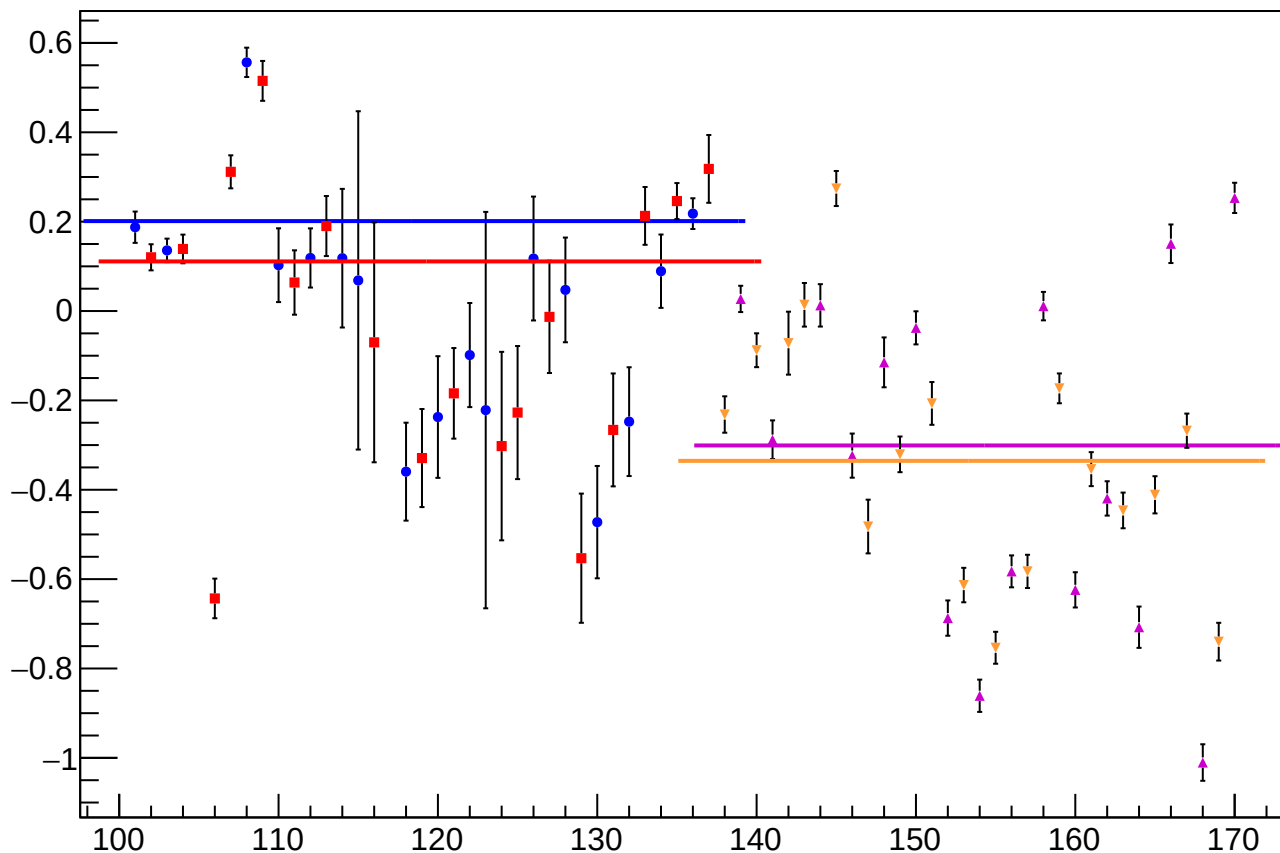
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 72.477 $\pm$ 0.178 χ^2 /NDF:38100.1/32

Out: 73.078 $\pm$ 0.174 χ^2 /NDF:41544.4/34

All: 72.785 $\pm$ 0.124 χ^2 /NDF: 79650.3/67

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.335 ± 0.010 χ^2/NDF : 731.9/16

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.301 ± 0.010 χ^2/NDF : 1557.1/15

Left: -0.318 ± 0.007 χ^2/NDF : 2295.2/32

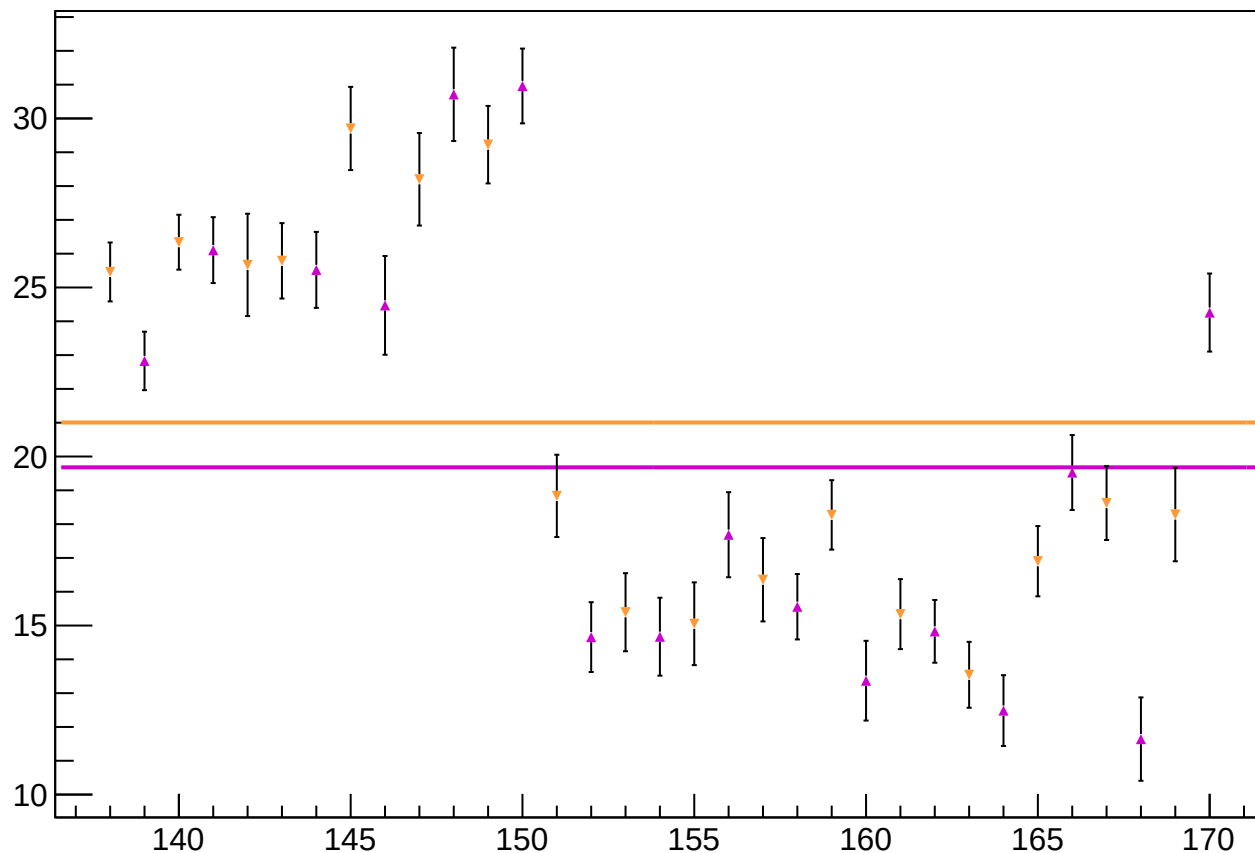
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.138 ± 0.008 χ^2/NDF : 2638.4/32

Out: -0.173 ± 0.008 χ^2/NDF : 1953.2/34

All: -0.156 ± 0.006 χ^2/NDF : 4601.4/67

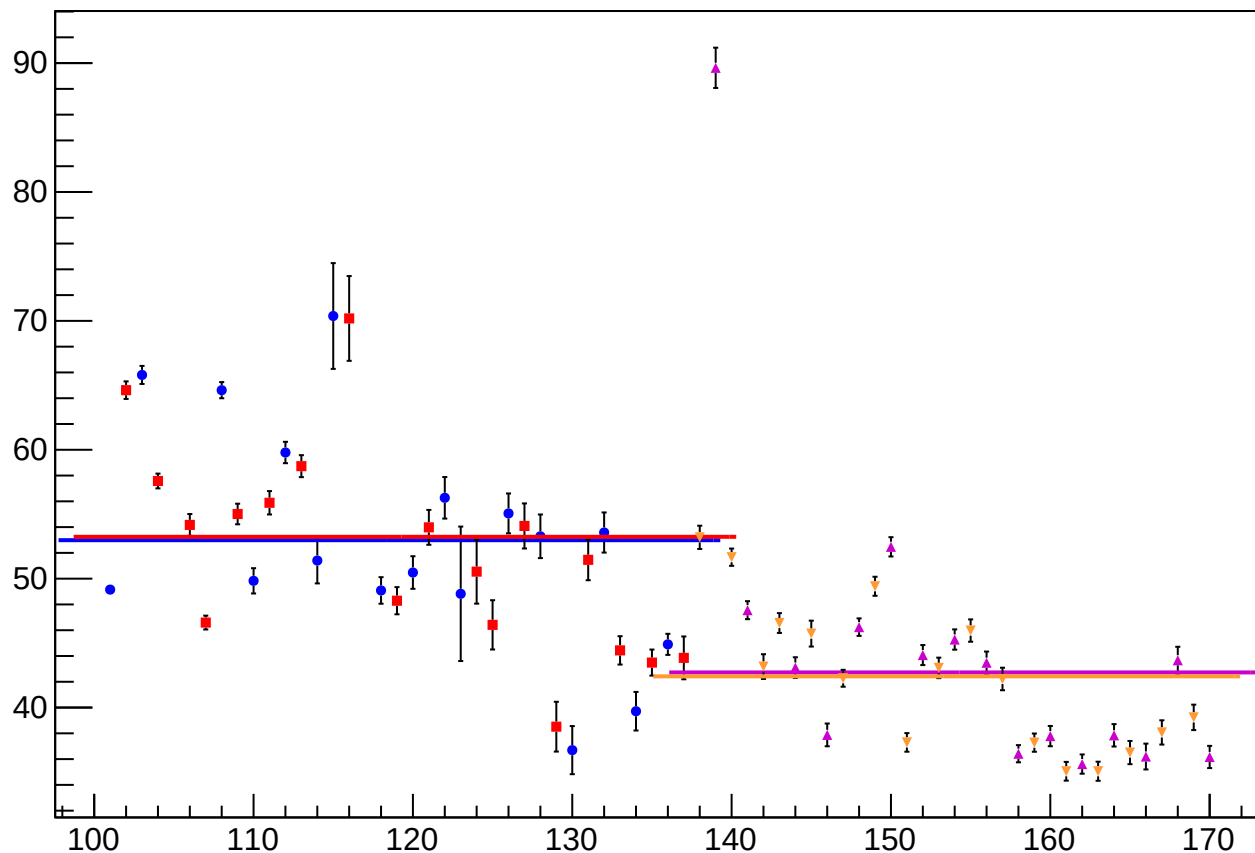
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.007+/-0.267 χ^2/NDF : 410.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.680+/-0.273 χ^2/NDF : 487.0/15

Left: 20.358+/-0.191 χ^2/NDF : 909.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.680+/-0.273 χ^2/NDF : 487.0/15
 Out: 21.007+/-0.267 χ^2/NDF : 410.7/16
 All: 20.358+/-0.191 χ^2/NDF : 909.8/32

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: 42.420 $\pm$ 0.194 χ^2 /NDF: 860.0/16

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 42.725 $\pm$ 0.204 χ^2 /NDF: 1541.7/15

Left: 42.565 $\pm$ 0.140 χ^2 /NDF: 2402.9/32

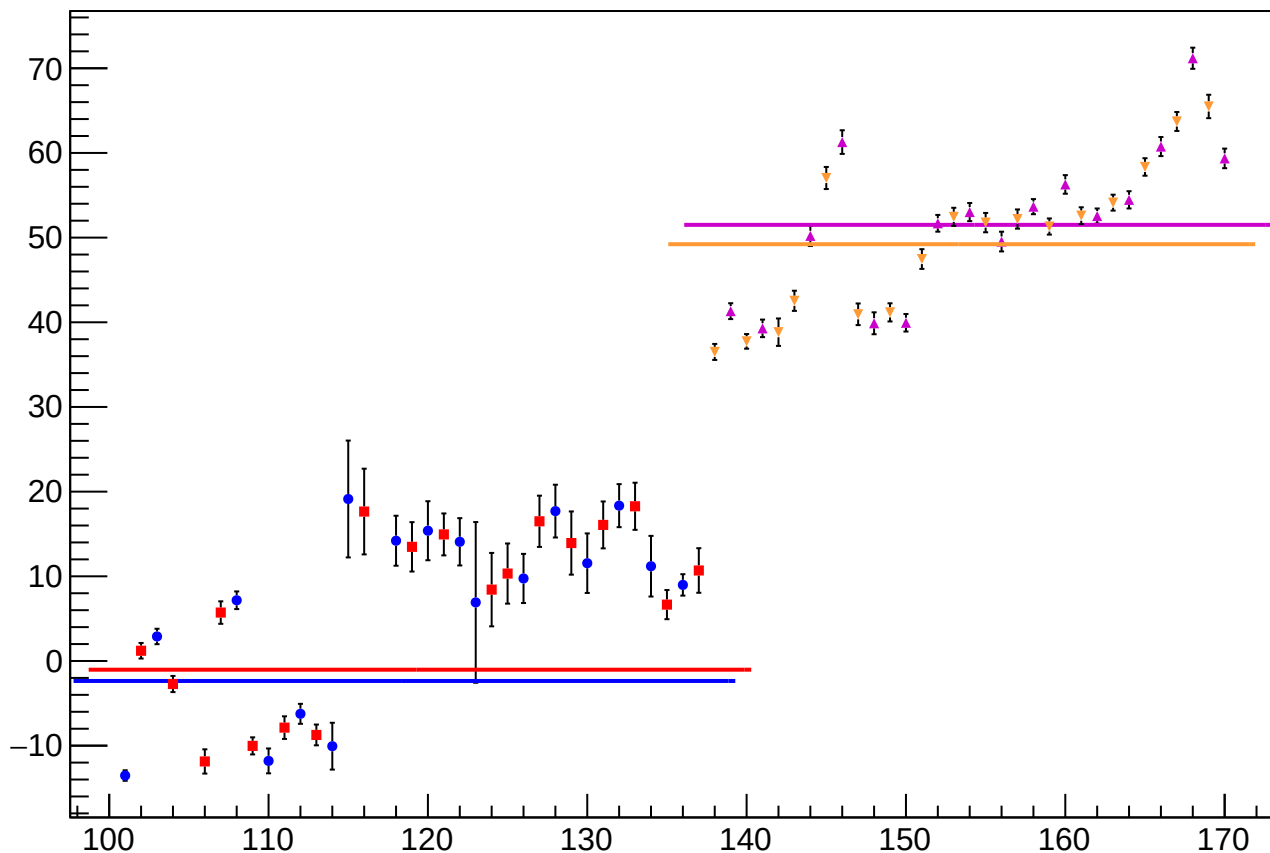
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 47.691 $\pm$ 0.146 χ^2 /NDF: 3967.7/32

Out: 46.976 $\pm$ 0.147 χ^2 /NDF: 3029.9/34

All: 47.336 $\pm$ 0.104 χ^2 /NDF: 7009.4/67

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 49.221 ± 0.265 $\chi^2/\text{NDF}: 1015.7/16$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 51.506 ± 0.268 $\chi^2/\text{NDF}: 914.4/15$

Left: 50.349 ± 0.188 $\chi^2/\text{NDF}: 1966.9/32$

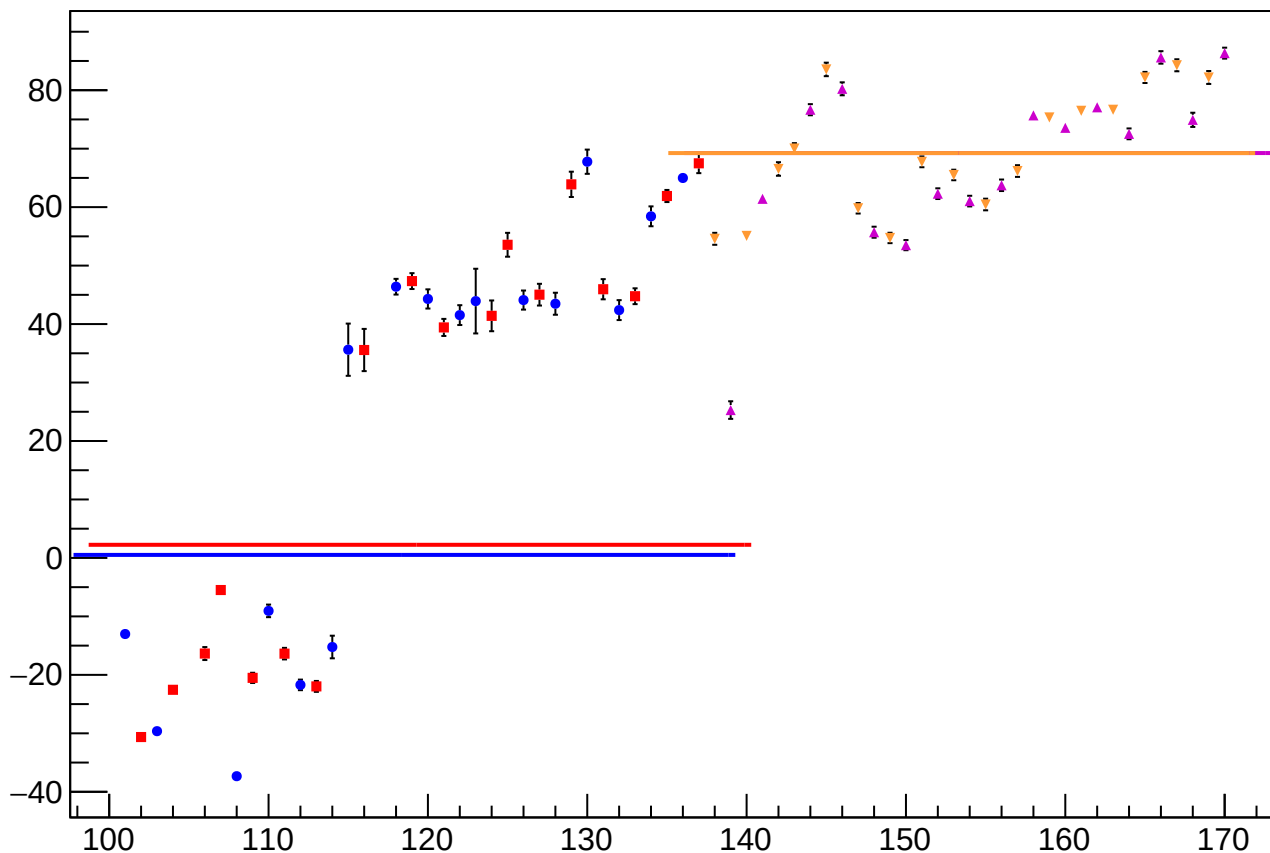
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 32.572 ± 0.216 $\chi^2/\text{NDF}: 15943.4/32$

Out: 32.828 ± 0.217 $\chi^2/\text{NDF}: 13289.2/34$

All: 32.699 ± 0.153 $\chi^2/\text{NDF}: 29233.3/67$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 69.246 $\pm$ 0.223 χ^2 /NDF:1935.2/16

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 69.250 $\pm$ 0.232 χ^2 /NDF:2618.5/15

Left: 69.248 $\pm$ 0.161 χ^2 /NDF: 4553.7/32

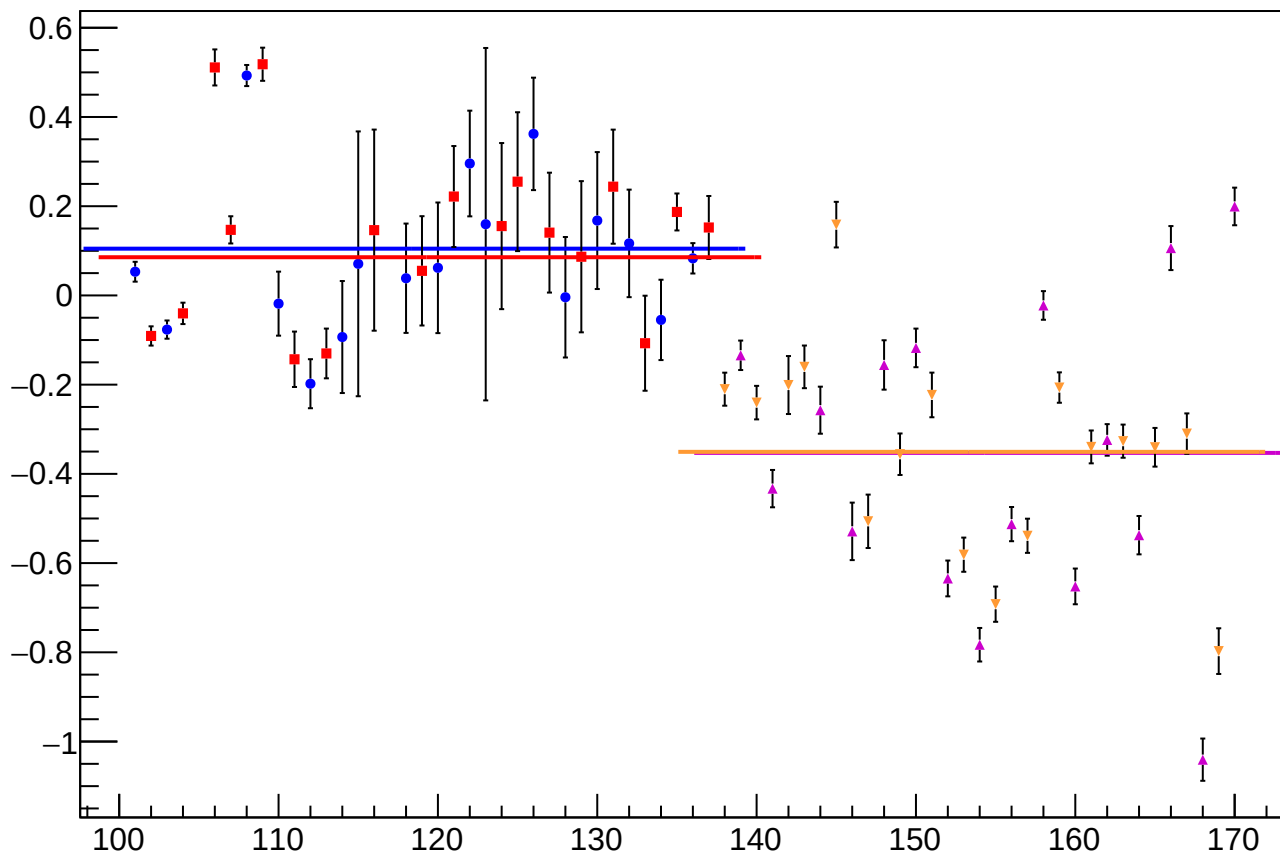
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 37.030 $\pm$ 0.169 χ^2 /NDF:62163.3/32

Out: 41.710 $\pm$ 0.171 χ^2 /NDF:54289.8/34

All: 39.338 $\pm$ 0.120 χ^2 /NDF: 116830.8/67

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 ± 0.010 $\chi^2/\text{NDF}: 387.1/16$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.353 ± 0.010 $\chi^2/\text{NDF}: 948.3/15$

Left: -0.352 ± 0.007 $\chi^2/\text{NDF}: 1335.4/32$

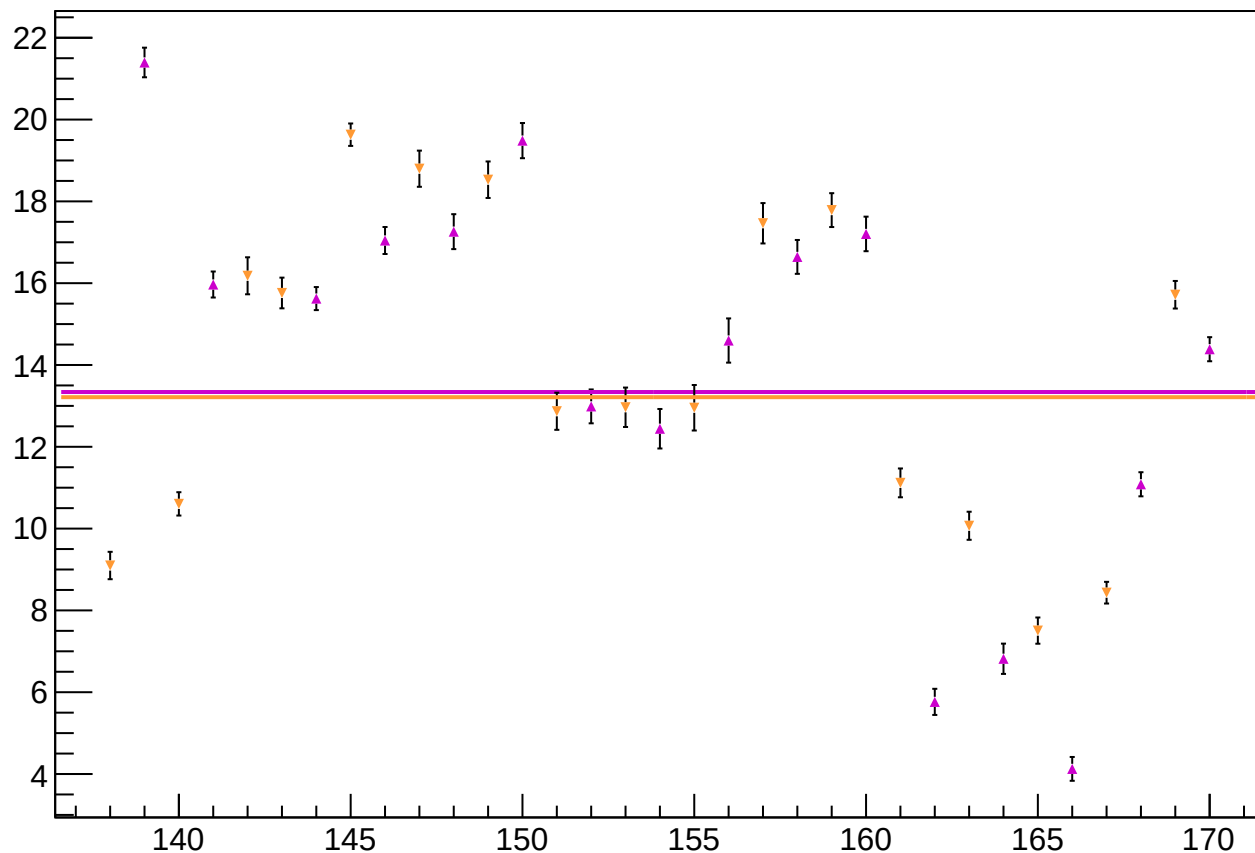
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.138 ± 0.008 $\chi^2/\text{NDF}: 2263.8/32$

Out: -0.148 ± 0.008 $\chi^2/\text{NDF}: 1604.1/34$

All: -0.143 ± 0.005 $\chi^2/\text{NDF}: 3868.6/67$

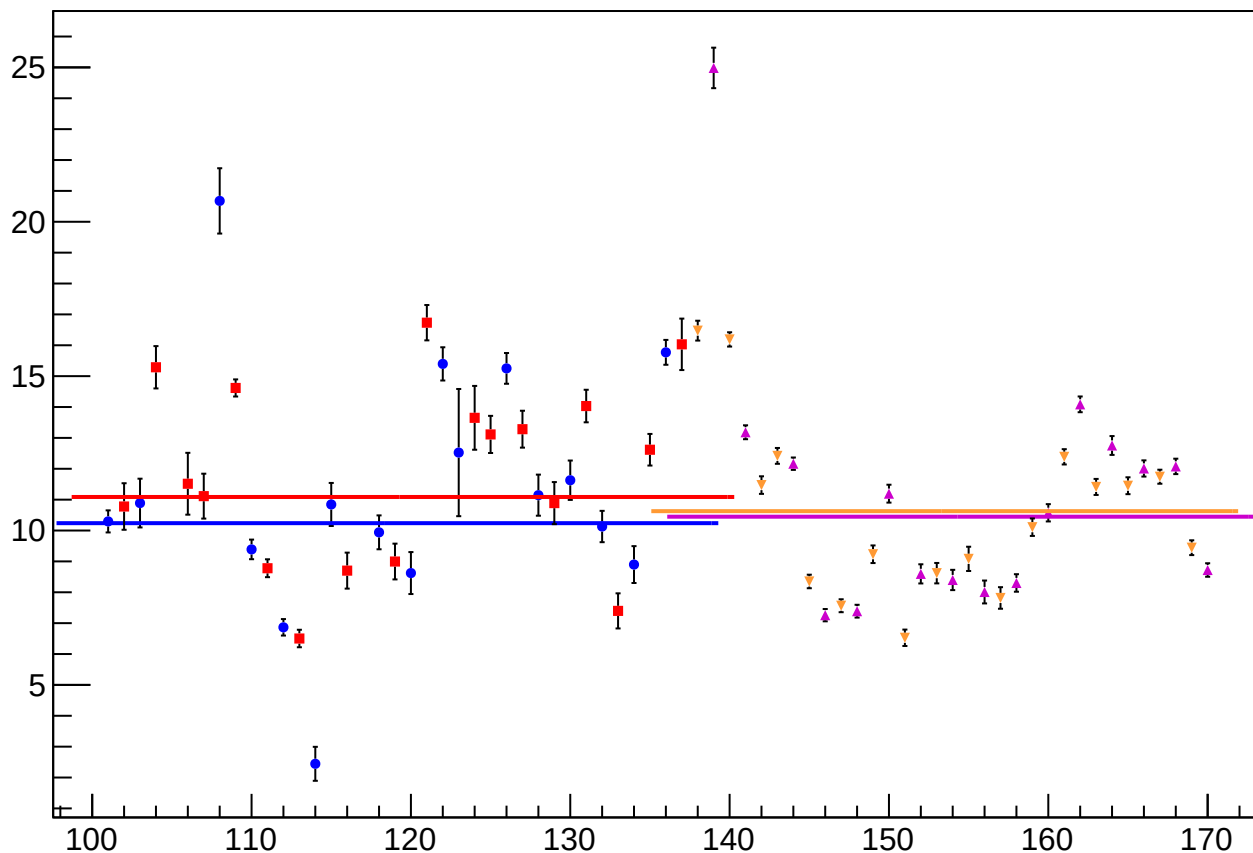
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 13.213 $\pm$ 0.088 χ^2 /NDF:2187.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.339 $\pm$ 0.089 χ^2 /NDF:3145.2/15

Left: 13.276 $\pm$ 0.063 χ^2 /NDF: 5333.9/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.339 $\pm$ 0.089 χ^2 /NDF:3145.2/15
 Out: 13.213 $\pm$ 0.088 χ^2 /NDF:2187.7/16
 All: 13.276 $\pm$ 0.063 χ^2 /NDF: 5333.9/32

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 10.627 ± 0.064 $\chi^2/\text{NDF}: 1787.3/16$

Right Out: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 10.448 ± 0.065 $\chi^2/\text{NDF}: 1768.8/15$

Left: 10.539 ± 0.046 $\chi^2/\text{NDF}: 3559.9/32$

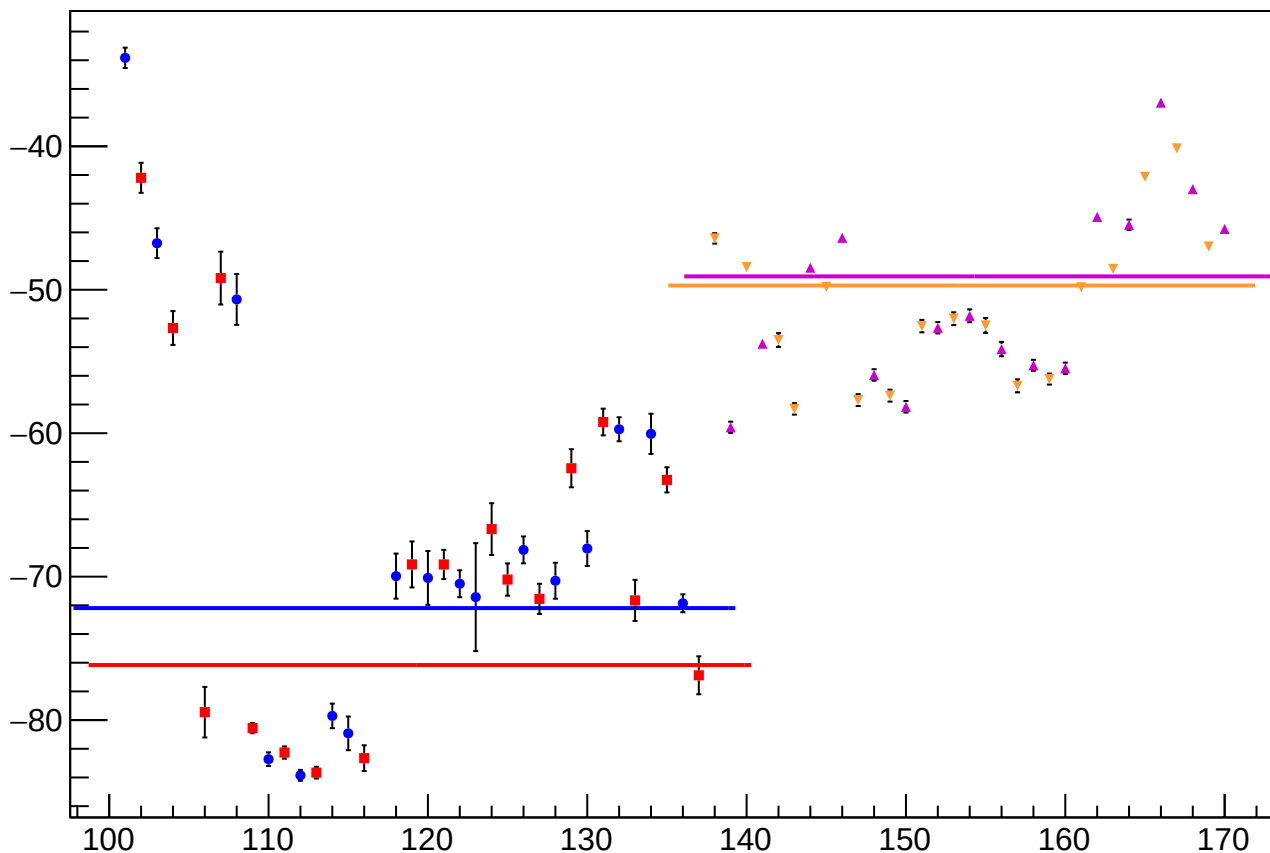
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 10.400 ± 0.057 $\chi^2/\text{NDF}: 2638.6/32$

Out: 10.734 ± 0.056 $\chi^2/\text{NDF}: 2600.2/34$

All: 10.570 ± 0.040 $\chi^2/\text{NDF}: 5256.3/67$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -49.704 ± 0.088 $\chi^2/\text{NDF}: 3845.5/16$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -49.068 ± 0.088 $\chi^2/\text{NDF}: 5038.2/15$

Left: -49.384 ± 0.062 $\chi^2/\text{NDF}: 8909.8/32$

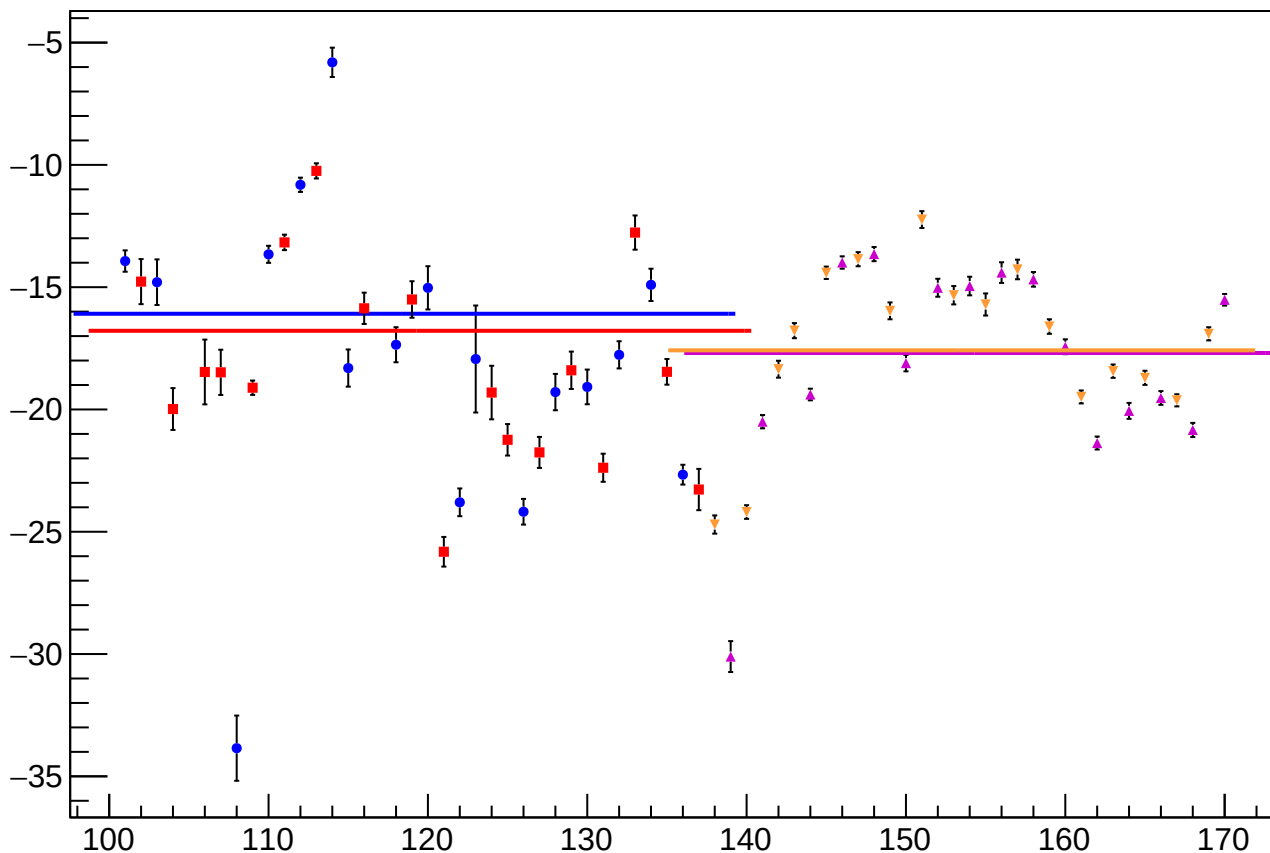
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -52.865 ± 0.080 $\chi^2/\text{NDF}: 21985.8/32$

Out: -54.786 ± 0.079 $\chi^2/\text{NDF}: 24286.6/34$

All: -53.836 ± 0.056 $\chi^2/\text{NDF}: 46561.9/67$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16

Left Out: -17.583 $\pm$ 0.074 χ^2 /NDF:1803.9/16

Right Out: -16.783 $\pm$ 0.128 χ^2 /NDF: 1204.4/17

Left In: -17.691 $\pm$ 0.075 χ^2 /NDF:1708.8/15

Left: -17.636 $\pm$ 0.053 χ^2 /NDF: 3513.7/32

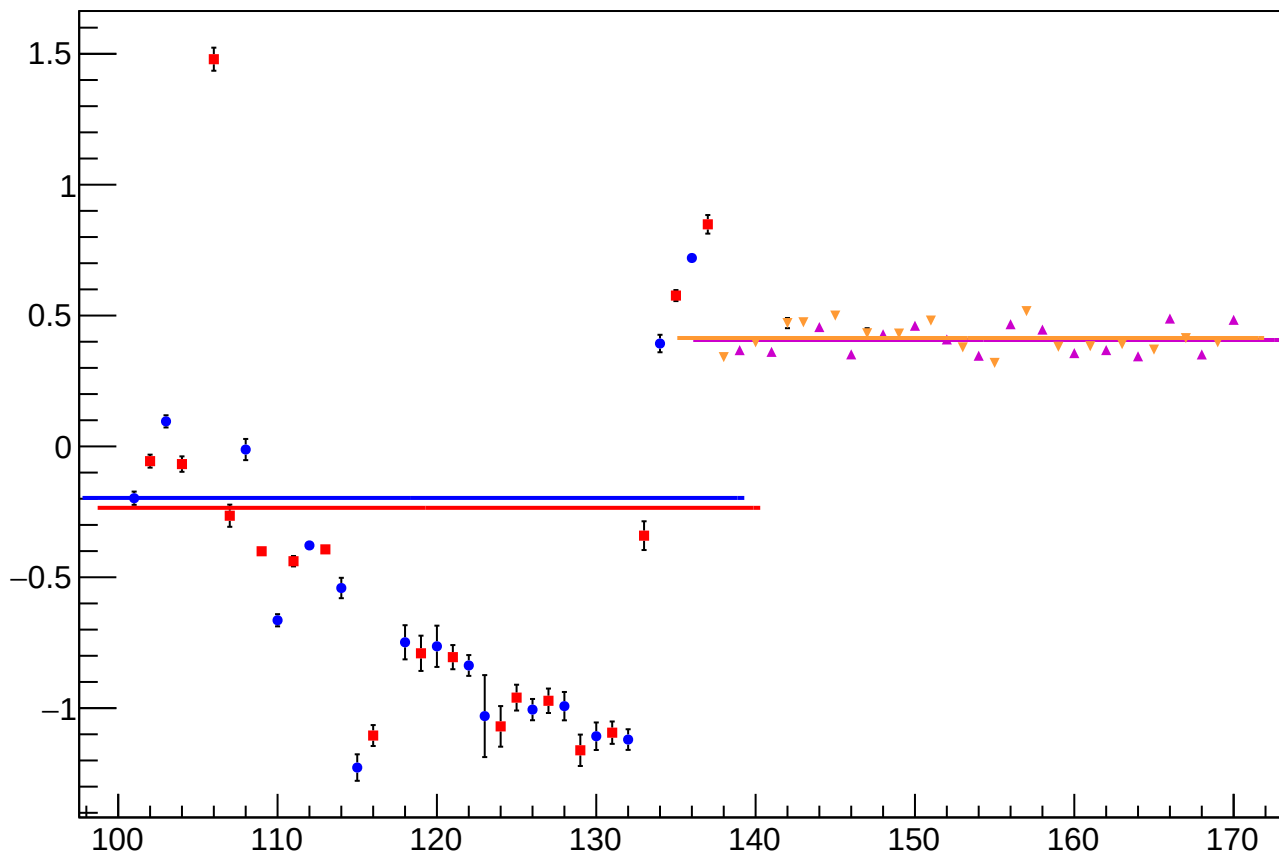
Right: -16.446 $\pm$ 0.092 χ^2 /NDF: 2840.4/34

In: -17.301 $\pm$ 0.065 χ^2 /NDF:3441.6/32

Out: -17.383 $\pm$ 0.064 χ^2 /NDF:3037.5/34

All: -17.343 $\pm$ 0.046 χ^2 /NDF: 6479.8/67

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.414 ± 0.003 χ^2/NDF : 226.2/16

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.407 ± 0.003 χ^2/NDF : 249.3/15

Left: 0.410 ± 0.002 χ^2/NDF : 478.0/32

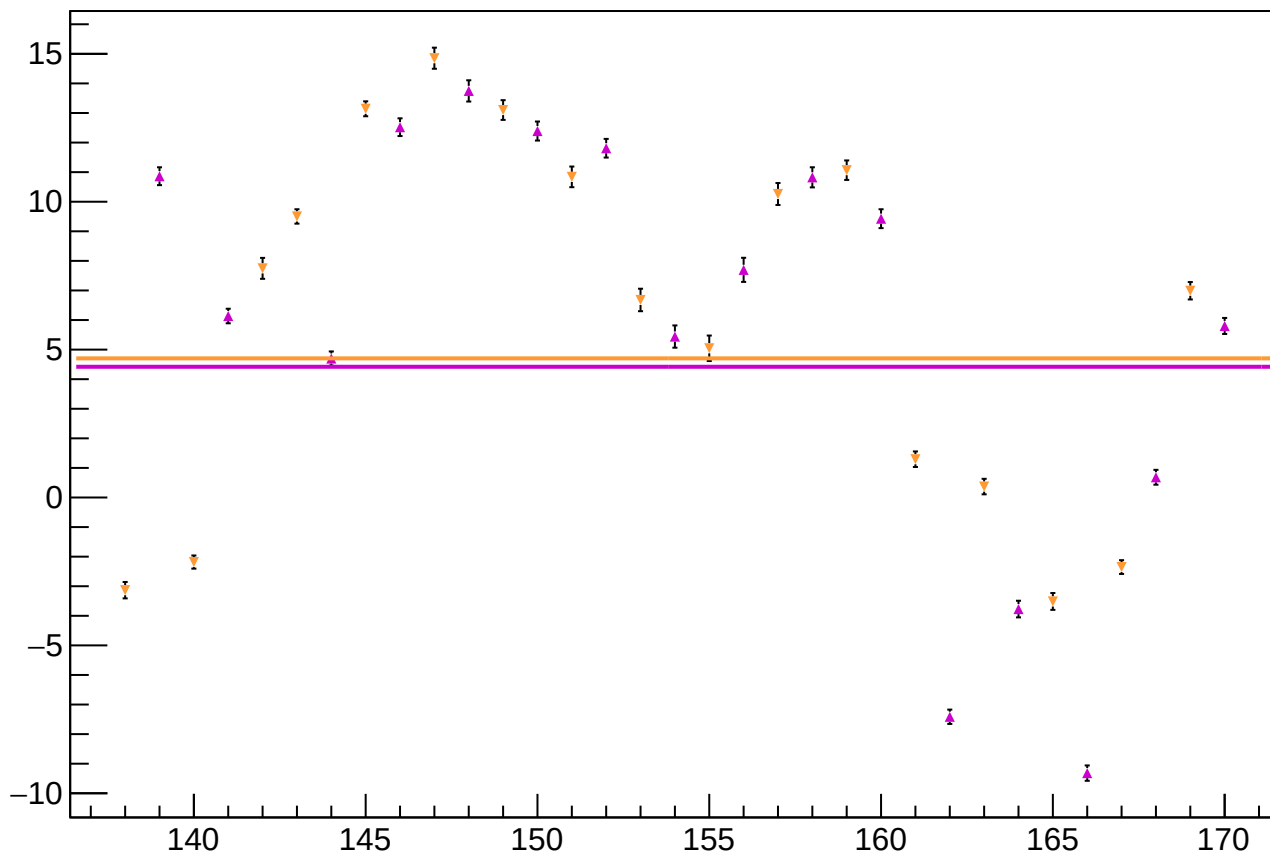
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.301 ± 0.003 χ^2/NDF : 11856.6/32

Out: 0.291 ± 0.003 χ^2/NDF : 13028.6/34

All: 0.296 ± 0.002 χ^2/NDF : 24891.0/67

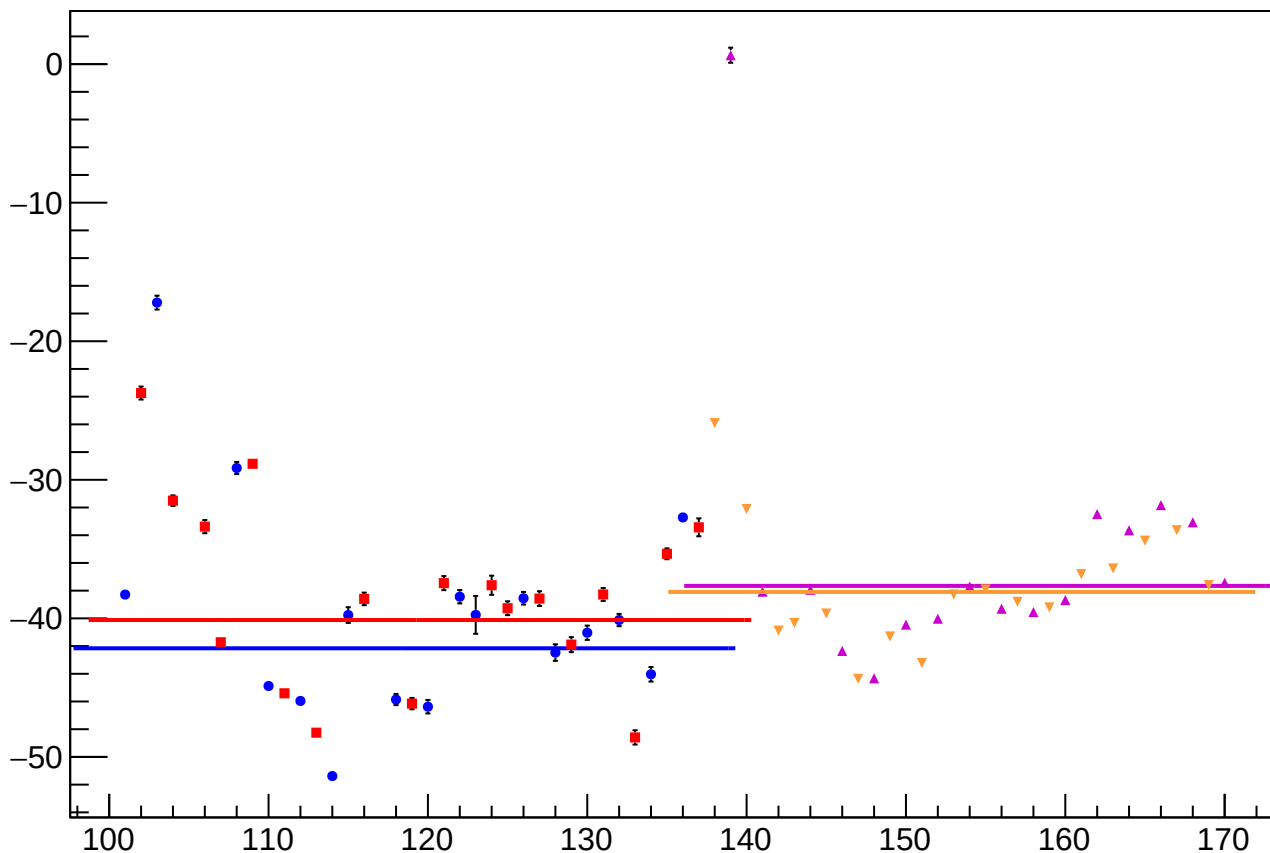
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.704+/-0.071 χ^2/NDF : 7963.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.420+/-0.073 χ^2/NDF : 10017.5/15

Left: 4.566+/-0.051 χ^2/NDF : 17988.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.420+/-0.073 χ^2/NDF : 10017.5/15
 Out: 4.704+/-0.071 χ^2/NDF : 7963.6/16
 All: 4.566+/-0.051 χ^2/NDF : 17988.9/32

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.093 ± 0.051 χ^2/NDF : 6631.0/16

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -37.655 ± 0.054 χ^2/NDF : 9512.8/15

Left: -37.884 ± 0.037 χ^2/NDF : 16178.8/32

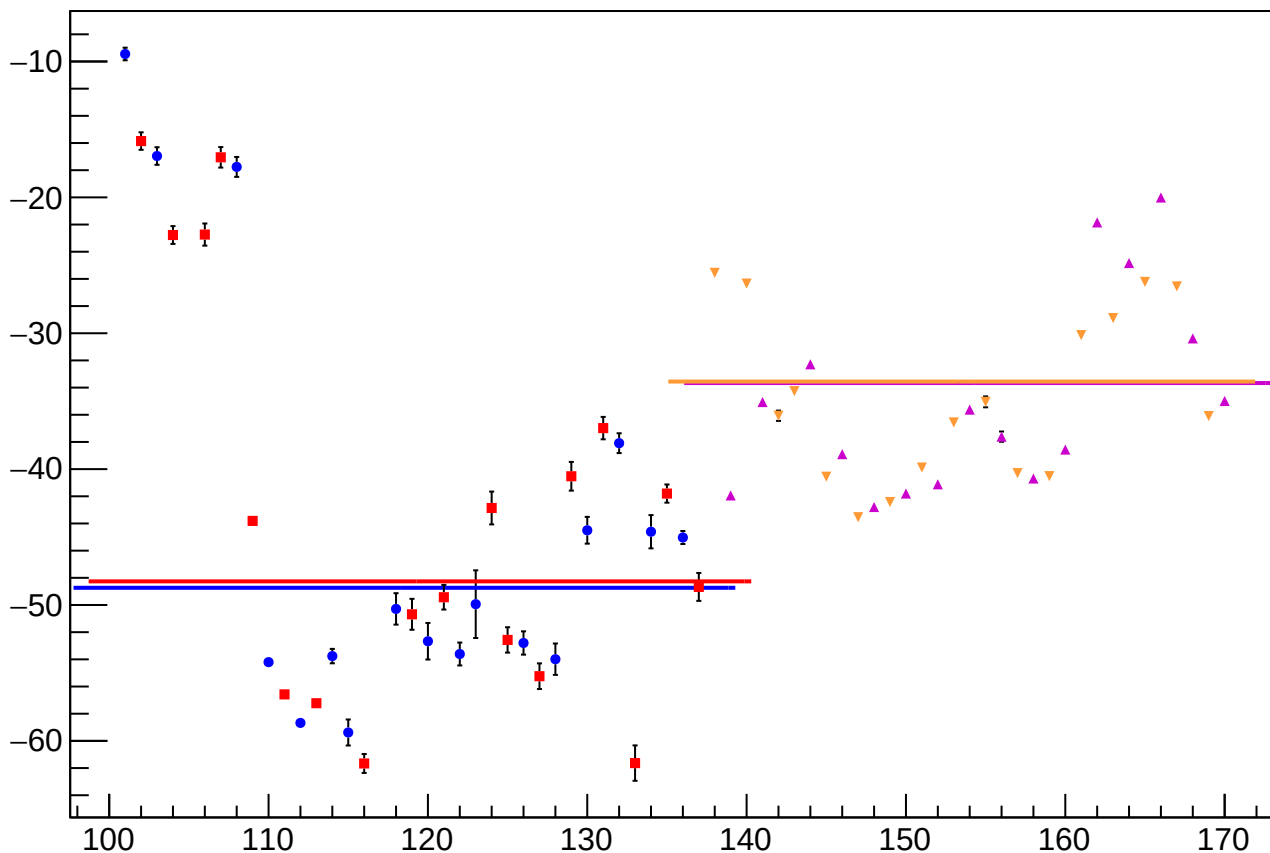
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -39.100 ± 0.044 χ^2/NDF : 18354.2/32

Out: -38.762 ± 0.042 χ^2/NDF : 18034.1/34

All: -38.922 ± 0.030 χ^2/NDF : 36419.1/67

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 $\pm$ 0.125 χ^2 /NDF: 14659.4/16

Left Out: -33.555 $\pm$ 0.071 χ^2 /NDF: 7560.5/16

Right Out: -48.261 $\pm$ 0.107 χ^2 /NDF: 11091.7/17

Left In: -33.665 $\pm$ 0.072 χ^2 /NDF: 10470.8/15

Left: -33.609 $\pm$ 0.050 χ^2 /NDF: 18032.5/32

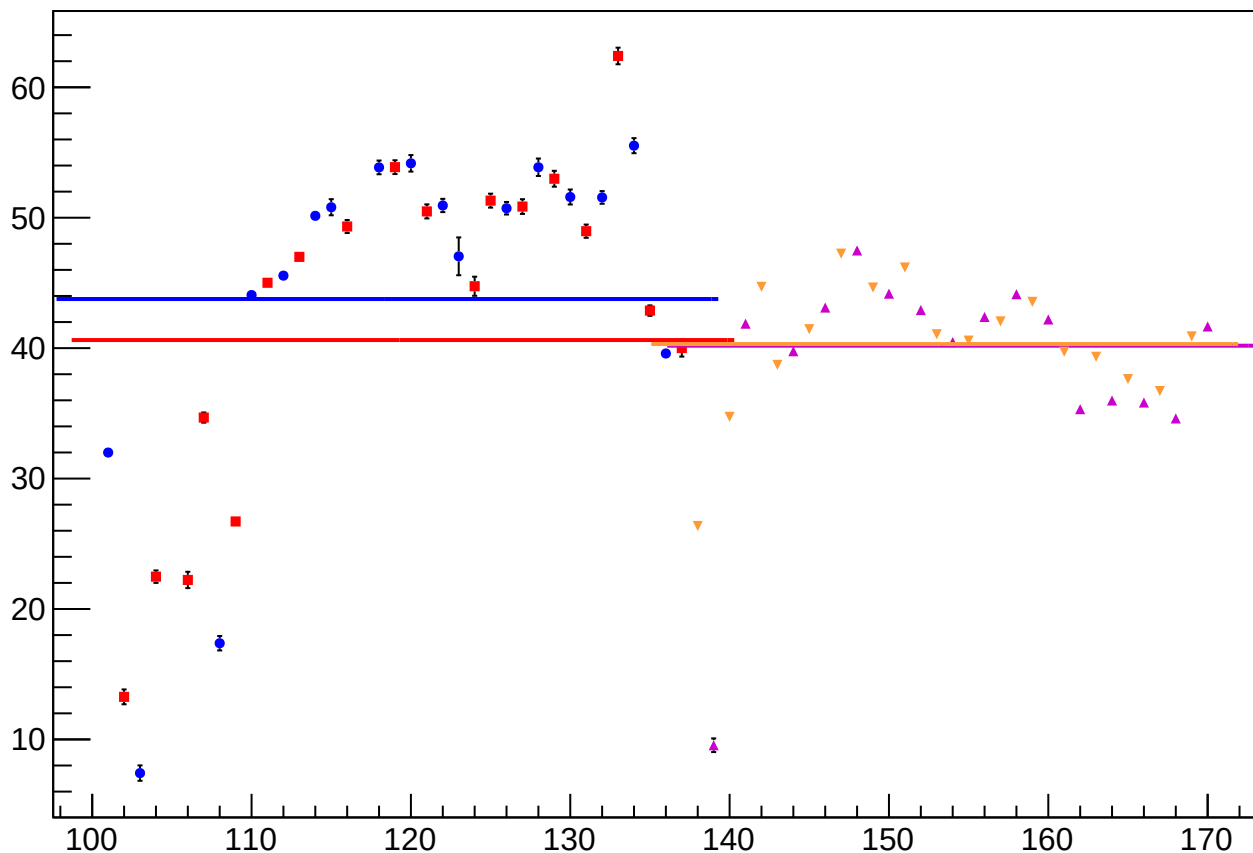
Right: -48.462 $\pm$ 0.081 χ^2 /NDF: 25759.4/34

In: -37.423 $\pm$ 0.062 χ^2 /NDF: 36091.9/32

Out: -38.011 $\pm$ 0.059 χ^2 /NDF: 31710.9/34

All: -37.732 $\pm$ 0.043 χ^2 /NDF: 67849.7/67

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.314 $\pm$ 0.059 χ^2 /NDF: 5309.0/16

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 40.188 $\pm$ 0.062 χ^2 /NDF: 6977.9/15

Left: 40.253 $\pm$ 0.043 χ^2 /NDF: 12289.2/32

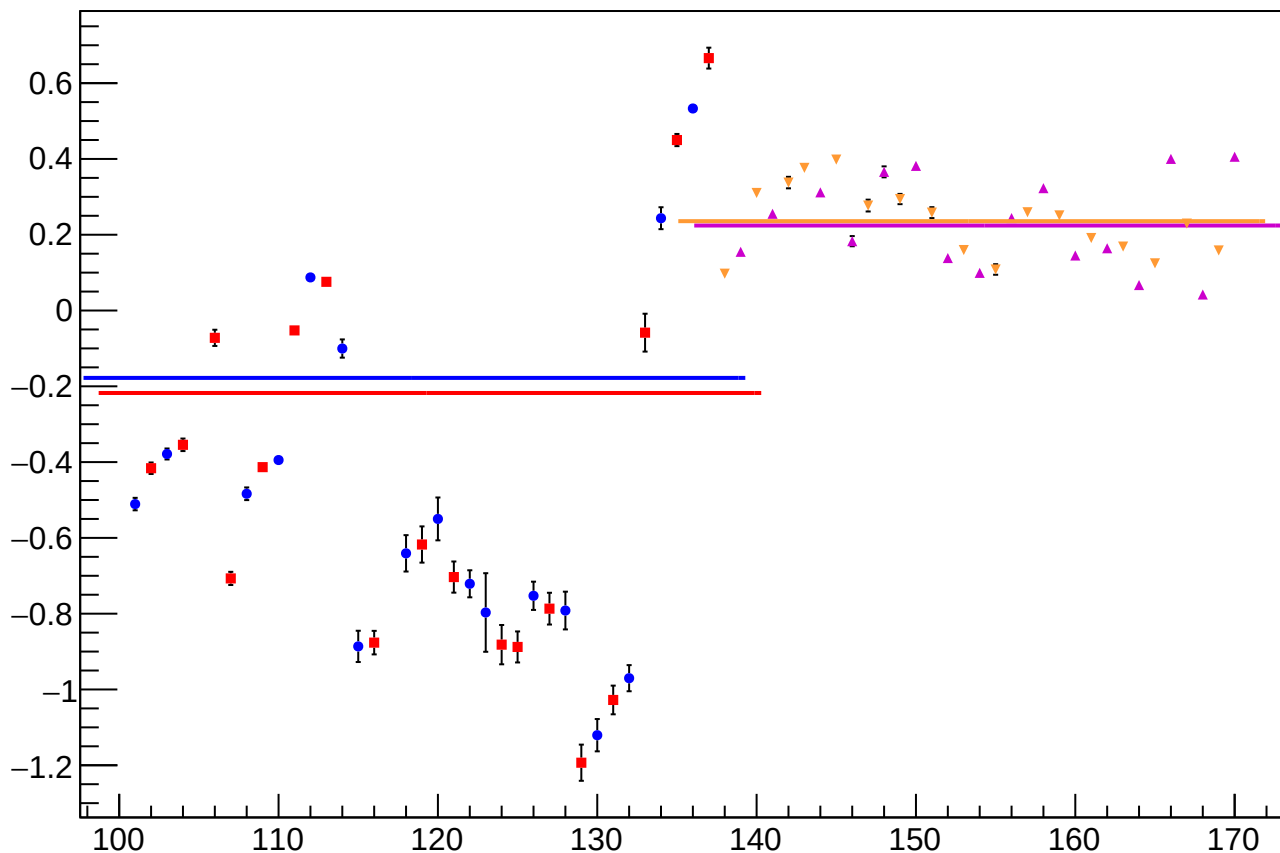
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 41.384 $\pm$ 0.050 χ^2 /NDF: 18743.2/32

Out: 40.422 $\pm$ 0.048 χ^2 /NDF: 22275.9/34

All: 40.878 $\pm$ 0.035 χ^2 /NDF: 41212.4/67

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.236 ± 0.003 χ^2/NDF : 1012.4/16

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.224 ± 0.003 χ^2/NDF : 1800.4/15

Left: 0.230 ± 0.002 χ^2/NDF : 2821.2/32

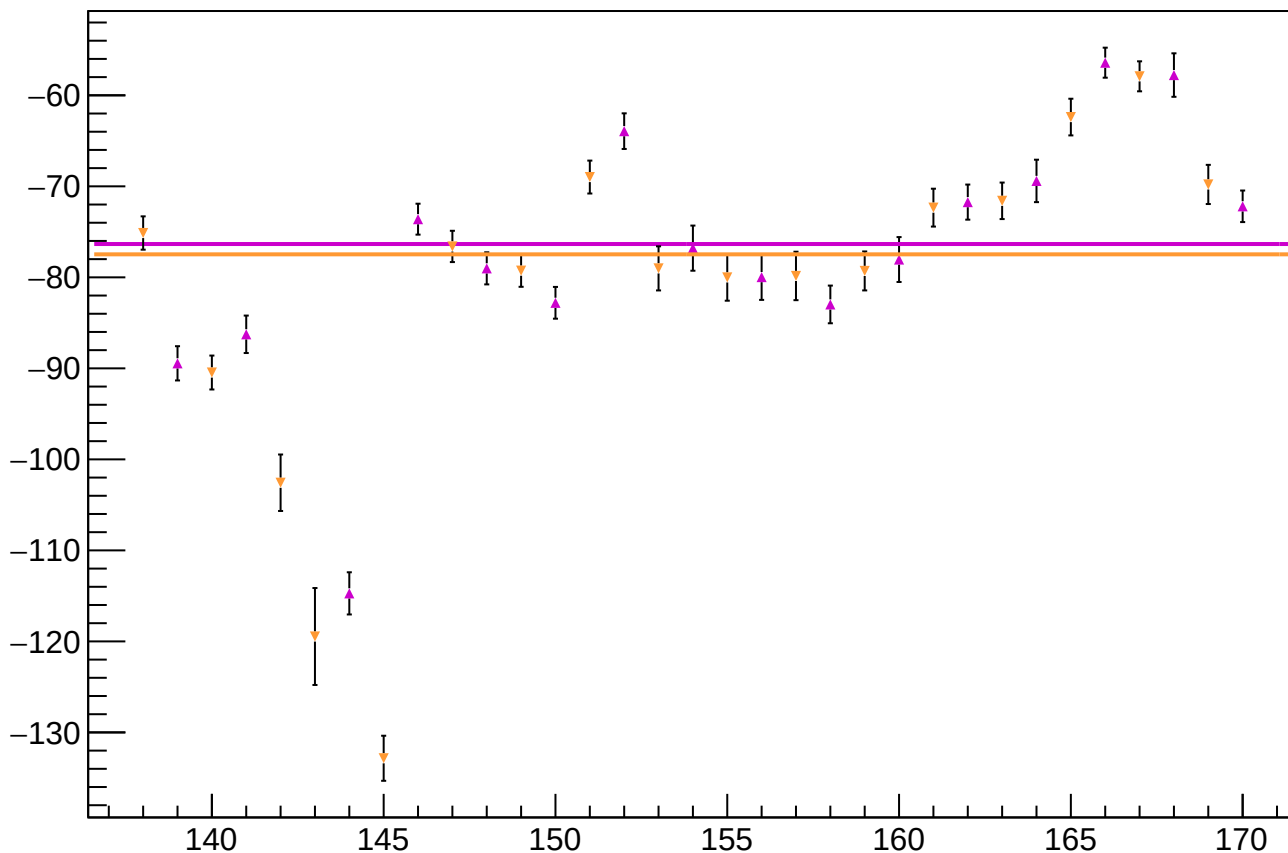
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.122 ± 0.002 χ^2/NDF : 14305.1/32

Out: 0.102 ± 0.002 χ^2/NDF : 16252.5/34

All: 0.111 ± 0.002 χ^2/NDF : 30593.1/67

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -77.472 $\pm$ 0.510 χ^2/NDF : 928.5/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -76.339 $\pm$ 0.499 χ^2/NDF : 644.2/15

Left: -76.893 $\pm$ 0.357 χ^2/NDF : 1575.2/32

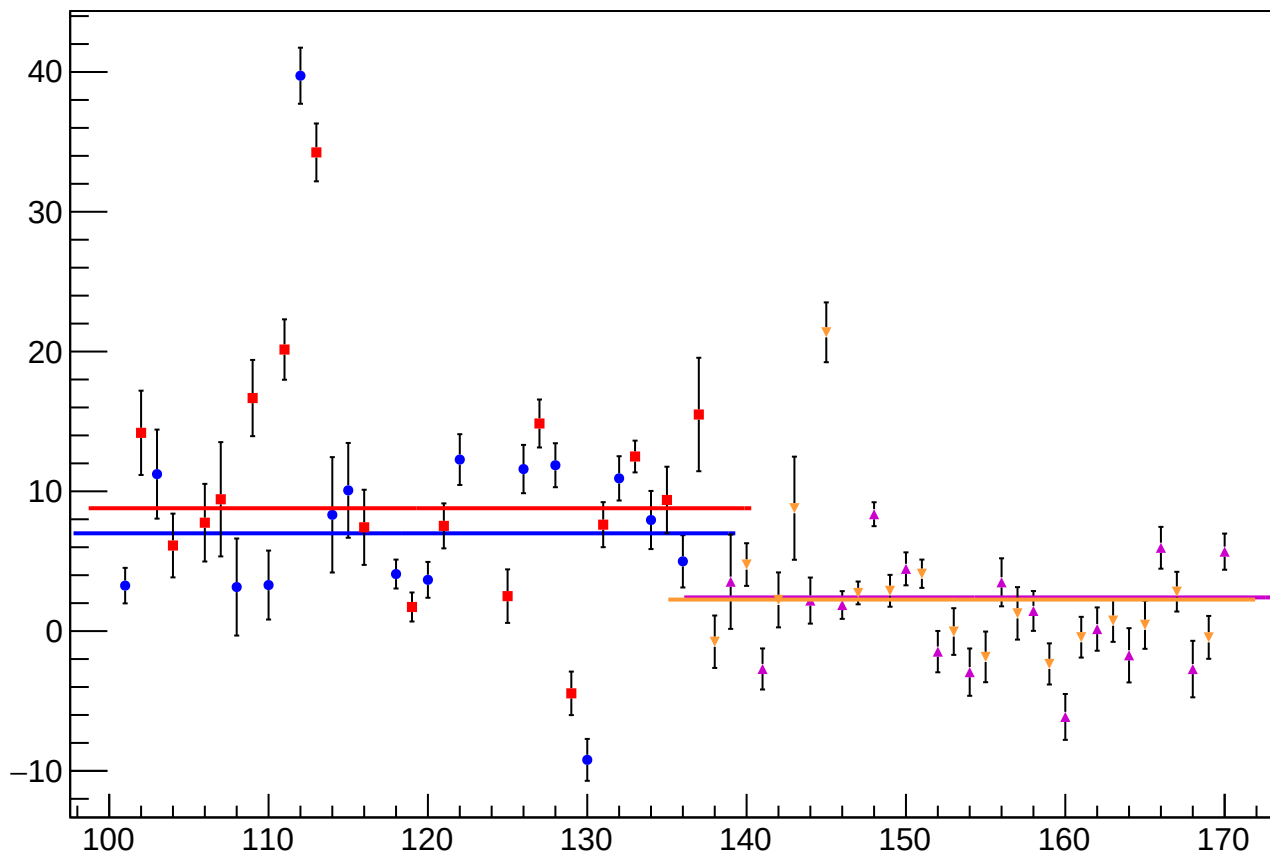
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -76.339 $\pm$ 0.499 χ^2/NDF : 644.2/15

Out: -77.472 $\pm$ 0.510 χ^2/NDF : 928.5/16

All: -76.893 $\pm$ 0.357 χ^2/NDF : 1575.2/32

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.255 $\pm$ 0.352 χ^2 /NDF:118.1/16

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 2.410 $\pm$ 0.353 χ^2 /NDF:134.0/15

Left: 2.332 $\pm$ 0.249 χ^2 /NDF: 252.2/32

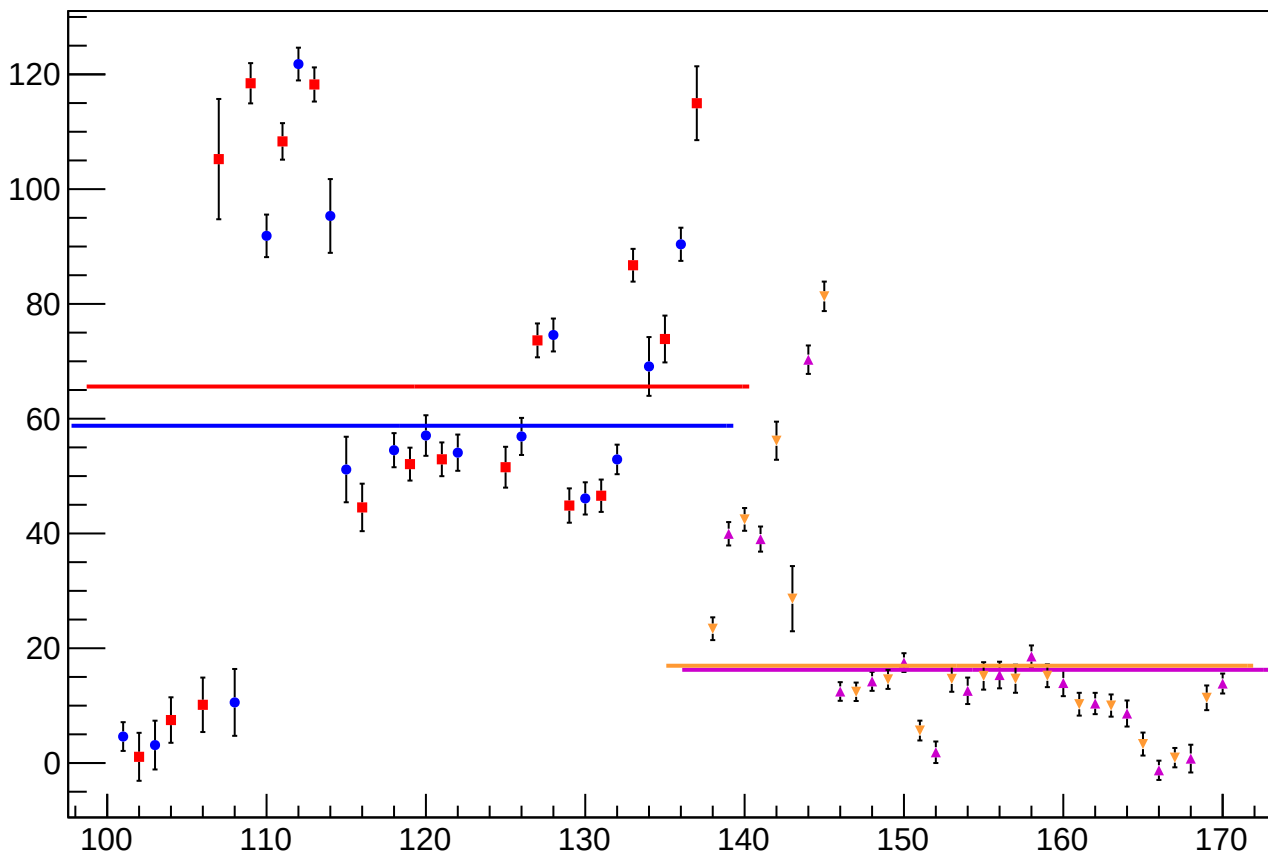
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 4.238 $\pm$ 0.274 χ^2 /NDF:646.4/31

Out: 4.736 $\pm$ 0.277 χ^2 /NDF:598.1/33

All: 4.485 $\pm$ 0.195 χ^2 /NDF: 1246.1/65

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: 16.954 $\pm$ 0.500 χ^2 /NDF:1170.7/16

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 16.245 $\pm$ 0.488 χ^2 /NDF:963.2/15

Left: 16.591 $\pm$ 0.349 χ^2 /NDF: 2135.0/32

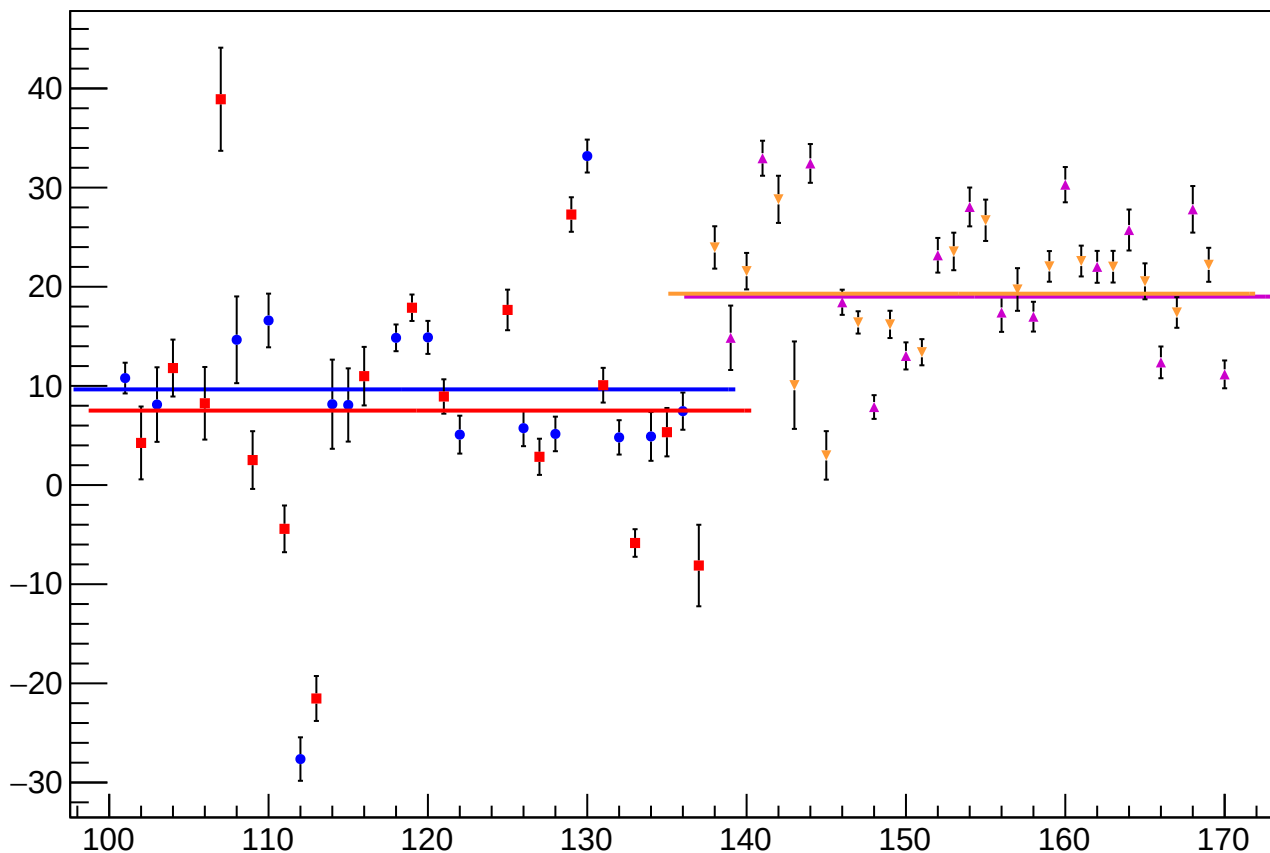
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 27.118 $\pm$ 0.421 χ^2 /NDF:4396.7/31

Out: 29.581 $\pm$ 0.430 χ^2 /NDF:5252.3/33

All: 28.323 $\pm$ 0.301 χ^2 /NDF: 9665.8/65

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 19.300 ± 0.415 $\chi^2/\text{NDF}: 136.0/16$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 19.004 ± 0.414 $\chi^2/\text{NDF}: 363.4/15$

Left: 19.151 ± 0.293 $\chi^2/\text{NDF}: 499.7/32$

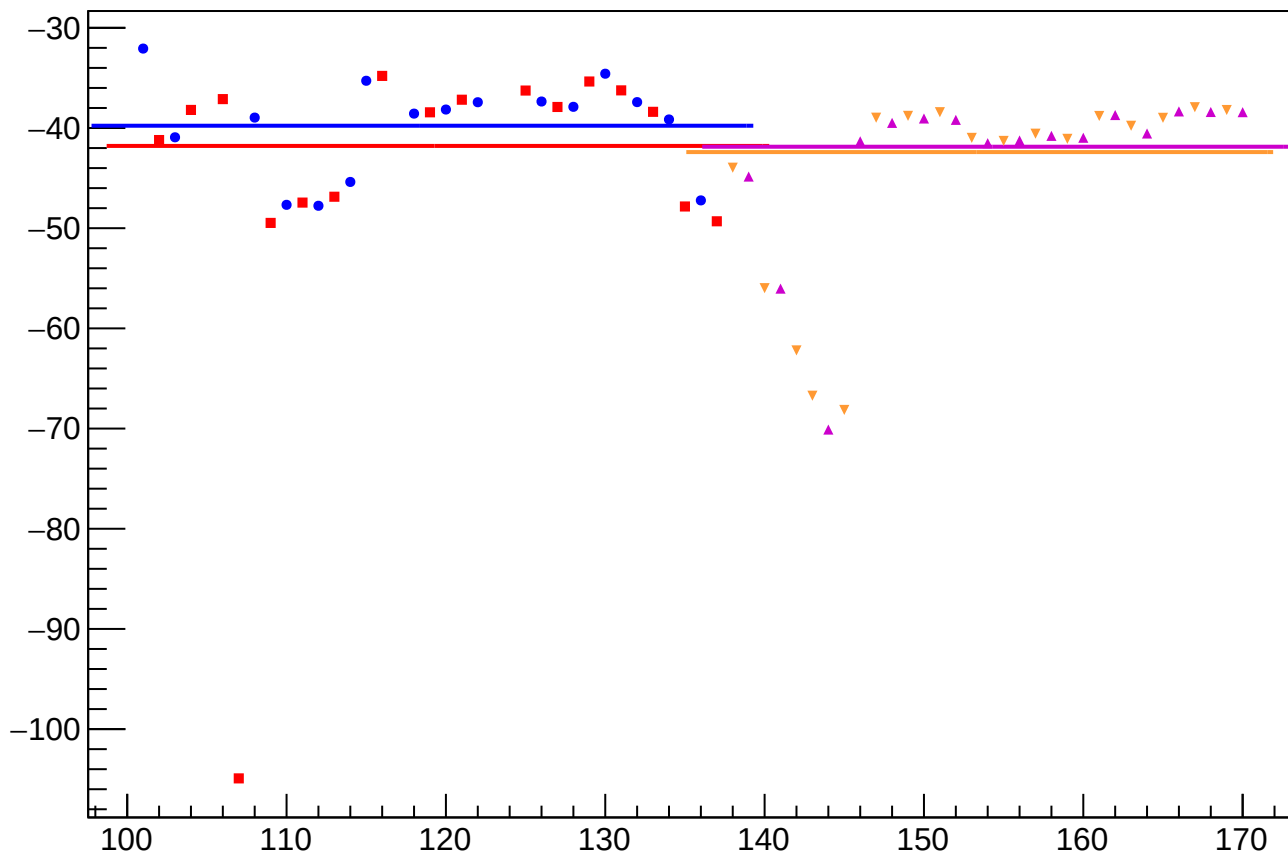
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.219 ± 0.319 $\chi^2/\text{NDF}: 1123.8/31$

Out: 14.680 ± 0.323 $\chi^2/\text{NDF}: 1017.1/33$

All: 14.952 ± 0.227 $\chi^2/\text{NDF}: 2142.3/65$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

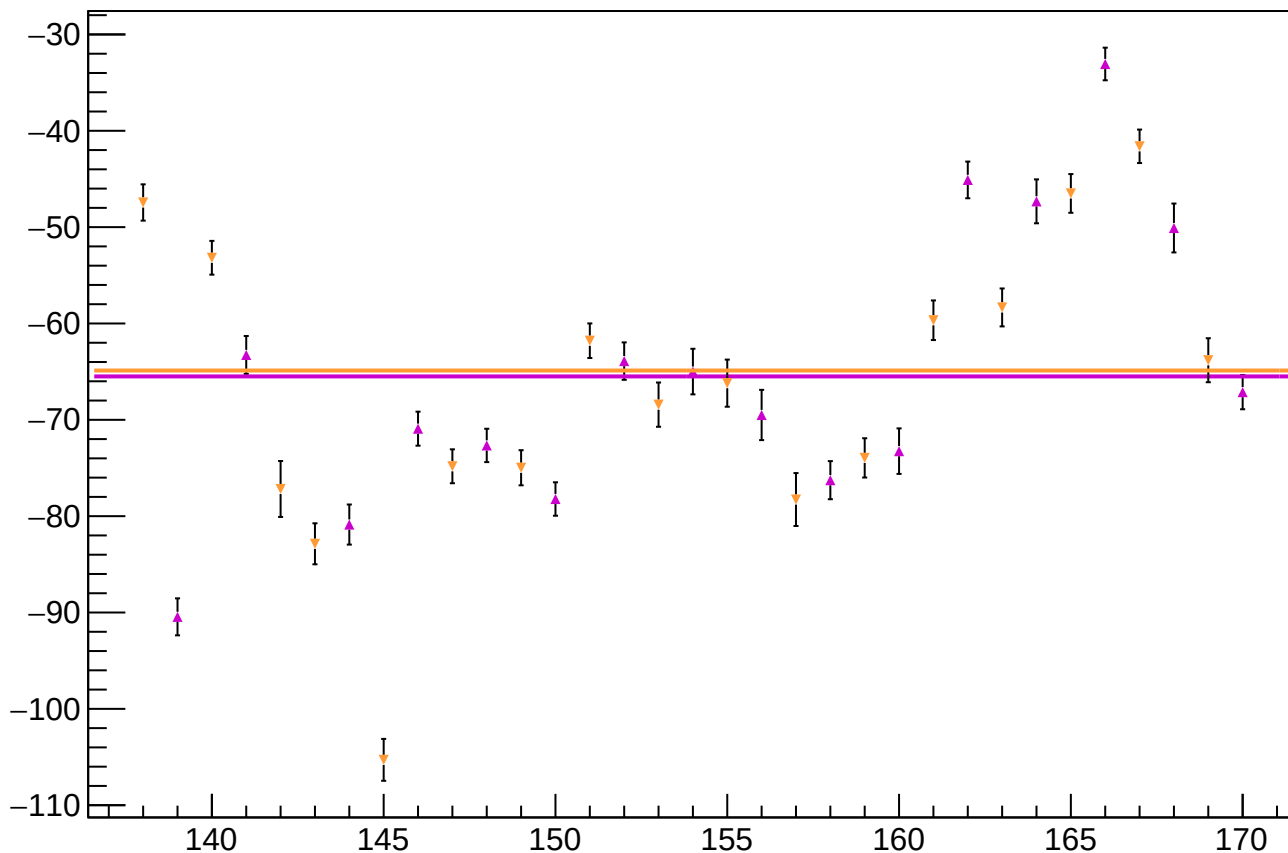


Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$
 Left Out: -42.401 ± 0.020 $\chi^2/\text{NDF}: 143392.6/16$
 Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$
 Left In: -41.867 ± 0.019 $\chi^2/\text{NDF}: 107998.5/15$

Left: -42.126 ± 0.014 $\chi^2/\text{NDF}: 251763.2/32$
 Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$
 In: -41.285 ± 0.016 $\chi^2/\text{NDF}: 137454.4/31$
 Out: -42.226 ± 0.017 $\chi^2/\text{NDF}: 236674.6/33$

All: -41.744 ± 0.012 $\chi^2/\text{NDF}: 375734.8/65$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



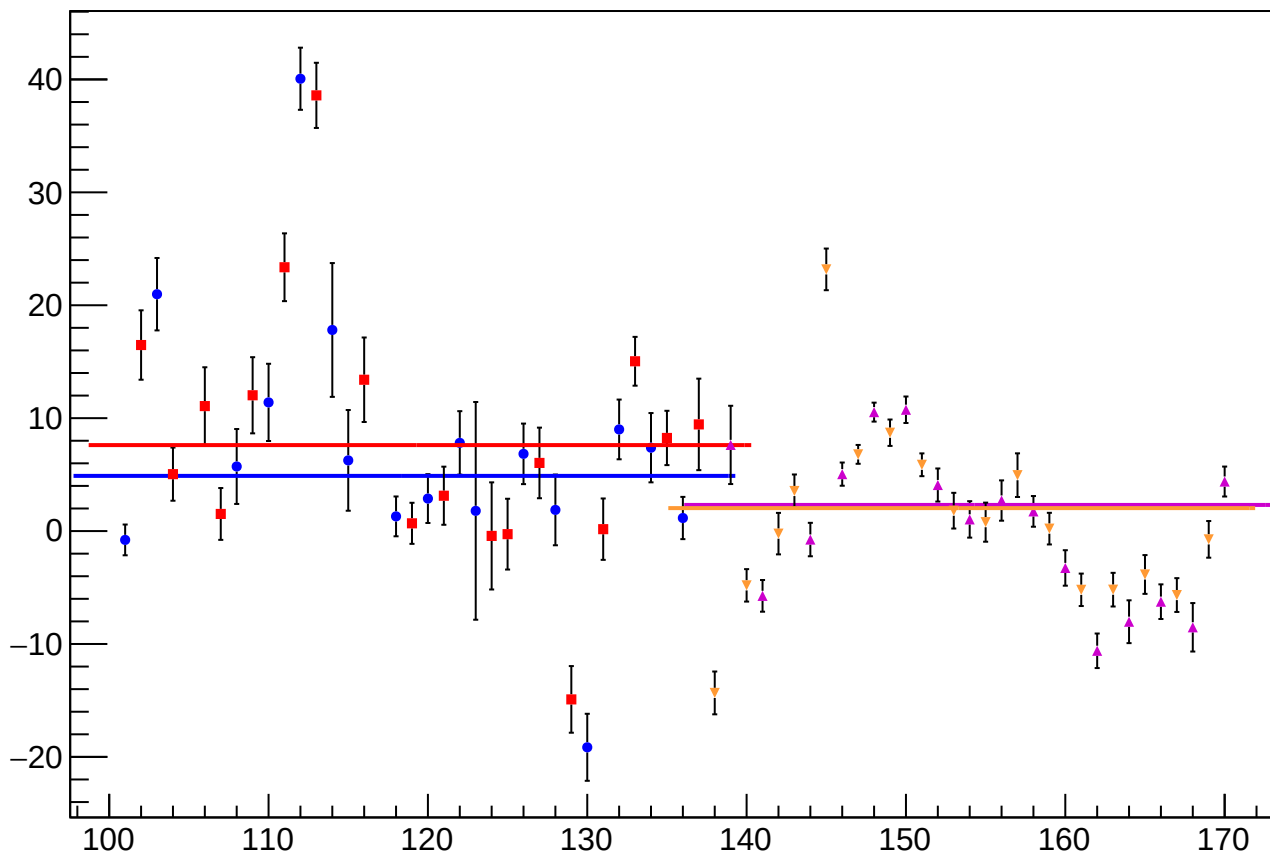
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -64.883 $\pm$ 0.495 χ^2 /NDF:957.9/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -65.495 $\pm$ 0.496 χ^2 /NDF:931.6/15

Left: -65.188 $\pm$ 0.350 χ^2 /NDF: 1890.2/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -65.495 $\pm$ 0.496 χ^2 /NDF:931.6/15
 Out: -64.883 $\pm$ 0.495 χ^2 /NDF:957.9/16

All: -65.188 $\pm$ 0.350 χ^2 /NDF: 1890.2/32

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: 2.034 $\pm$ 0.341 χ^2 /NDF:405.2/16

Right Out: 7.615 $\pm$ 0.652 χ^2 /NDF: 269.2/17

Left In: 2.315 $\pm$ 0.350 χ^2 /NDF:369.4/15

Left: 2.171 $\pm$ 0.244 χ^2 /NDF: 774.9/32

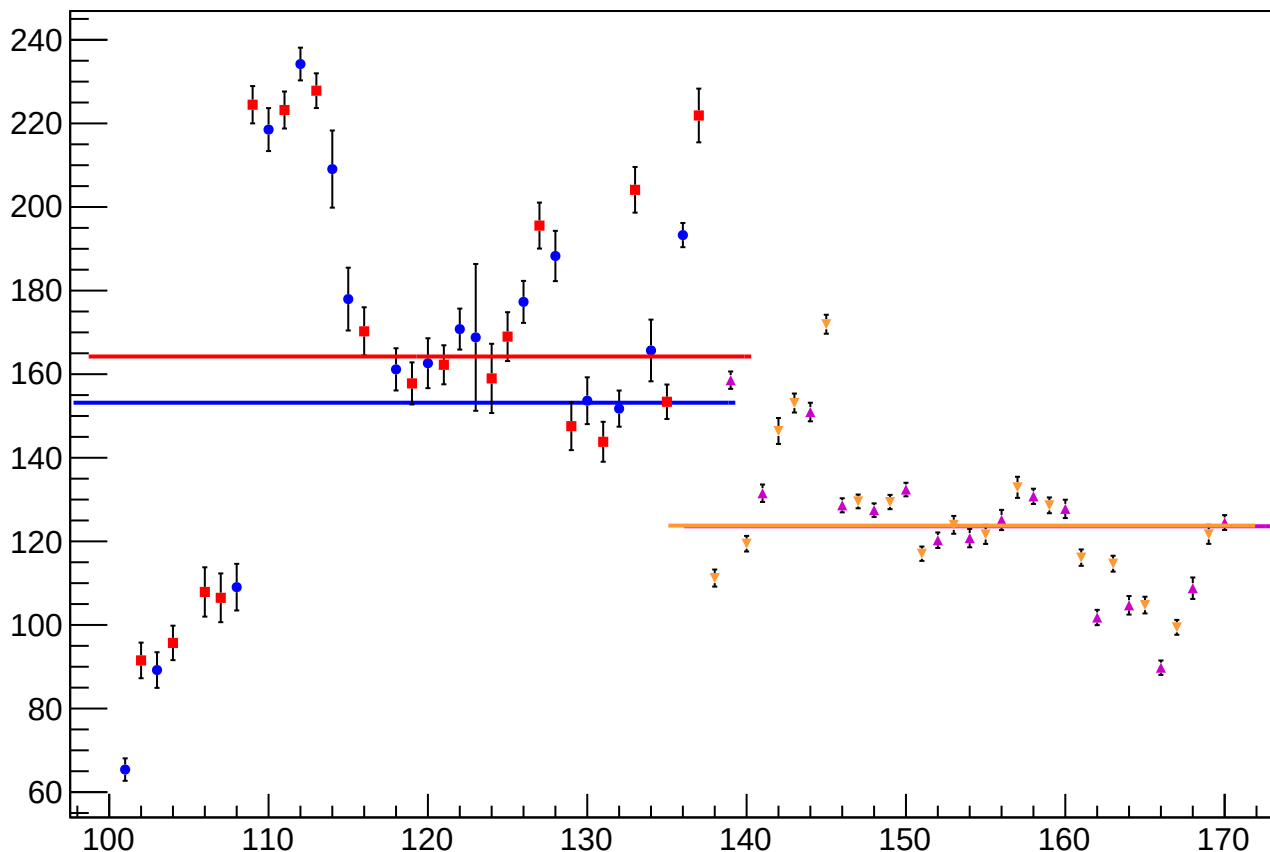
Right: 6.187 $\pm$ 0.450 χ^2 /NDF: 573.1/34

In: 2.934 $\pm$ 0.305 χ^2 /NDF:677.1/32

Out: 3.234 $\pm$ 0.302 χ^2 /NDF:731.9/34

All: 3.085 $\pm$ 0.215 χ^2 /NDF: 1409.5/67

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 123.765+/-0.487 χ^2/NDF :1090.3/16

Right Out: 164.232+/-1.183 χ^2/NDF : 1554.8/17

Left In: 123.613+/-0.485 χ^2/NDF :1149.5/15

Left: 123.689+/-0.344 χ^2/NDF : 2239.9/32

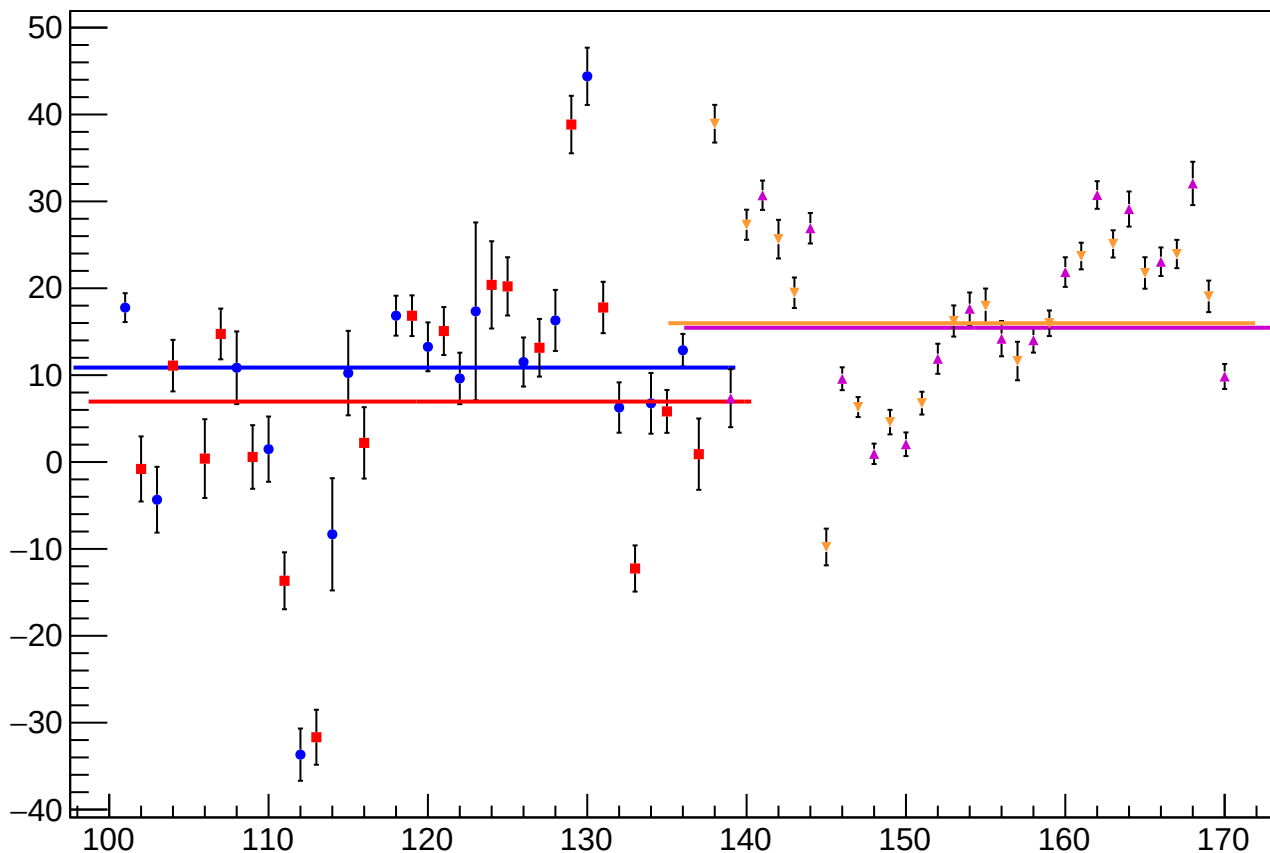
Right: 158.528+/-0.823 χ^2/NDF : 3864.1/34

In: 128.101+/-0.447 χ^2/NDF :3977.7/32

Out: 129.626+/-0.450 χ^2/NDF :3645.5/34

All: 128.857+/-0.317 χ^2/NDF : 7629.0/67

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: 15.981 $\pm$ 0.402 χ^2 /NDF:611.9/16

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 15.456 $\pm$ 0.410 χ^2 /NDF:640.1/15

Left: 15.723 $\pm$ 0.287 χ^2 /NDF: 1252.9/32

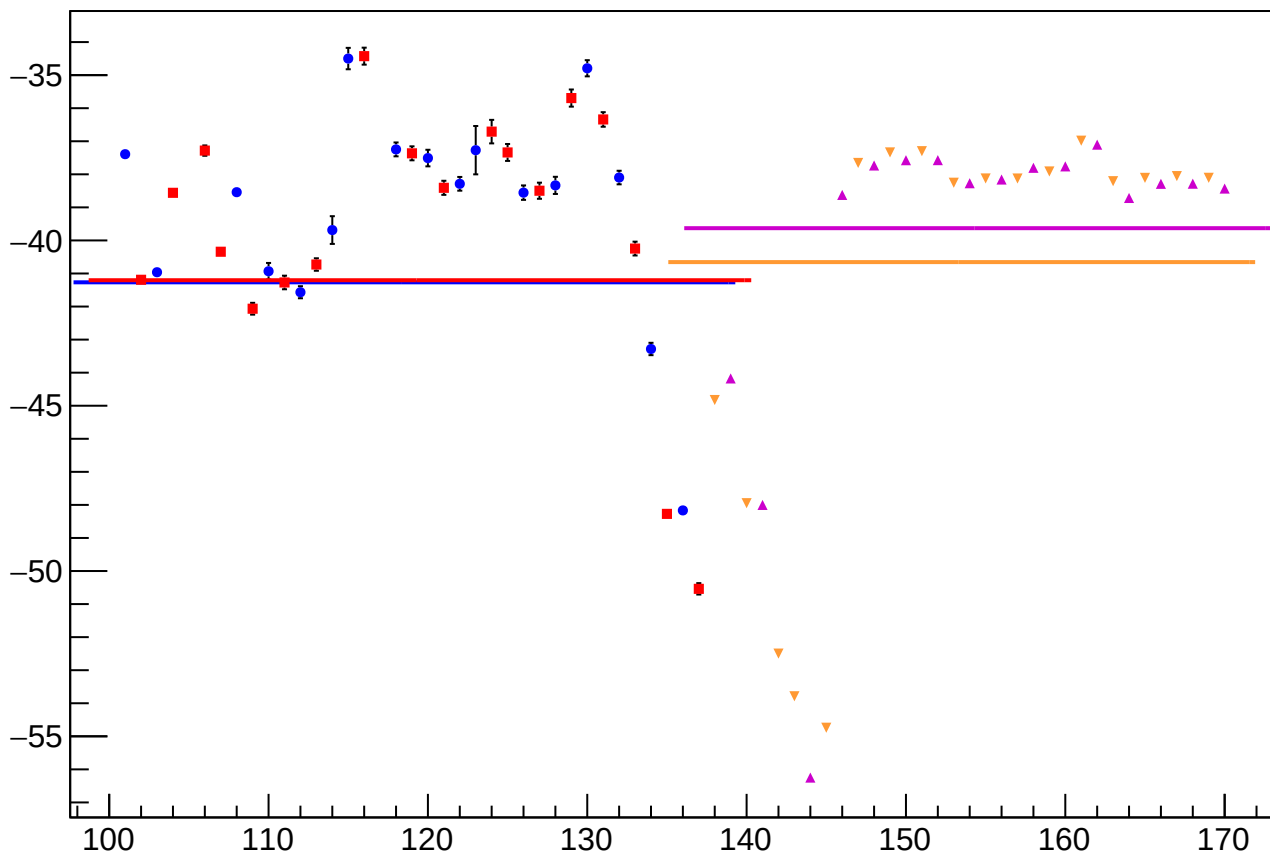
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.321 $\pm$ 0.355 χ^2 /NDF:1057.8/32

Out: 13.961 $\pm$ 0.354 χ^2 /NDF:1146.8/34

All: 14.141 $\pm$ 0.251 χ^2 /NDF: 2205.1/67

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: -40.655 ± 0.019 $\chi^2/\text{NDF}: 81797.6/16$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.629 ± 0.019 $\chi^2/\text{NDF}: 49470.7/15$

Left: -40.138 ± 0.014 $\chi^2/\text{NDF}: 132686.7/32$

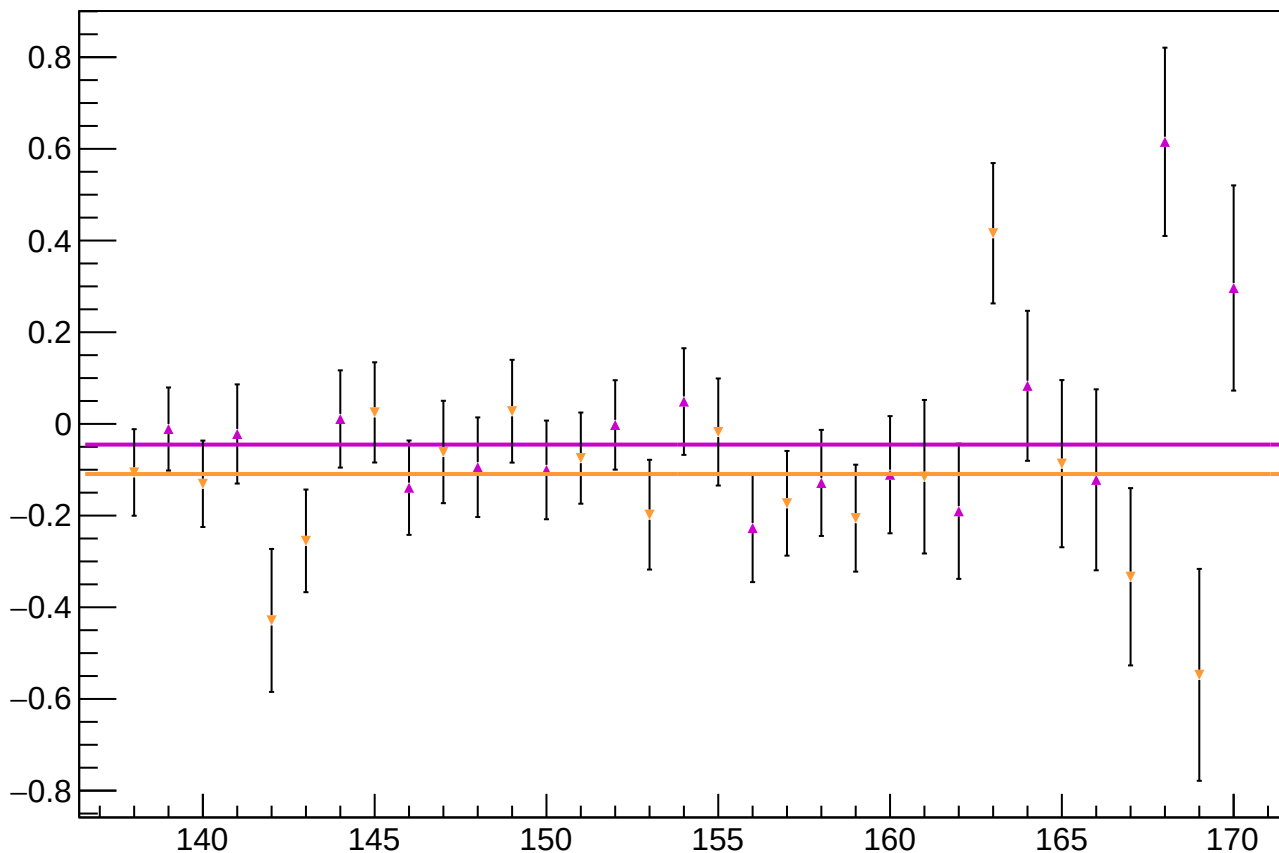
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -39.954 ± 0.017 $\chi^2/\text{NDF}: 63500.9/32$

Out: -40.764 ± 0.017 $\chi^2/\text{NDF}: 93965.8/34$

All: -40.356 ± 0.012 $\chi^2/\text{NDF}: 158569.9/67$

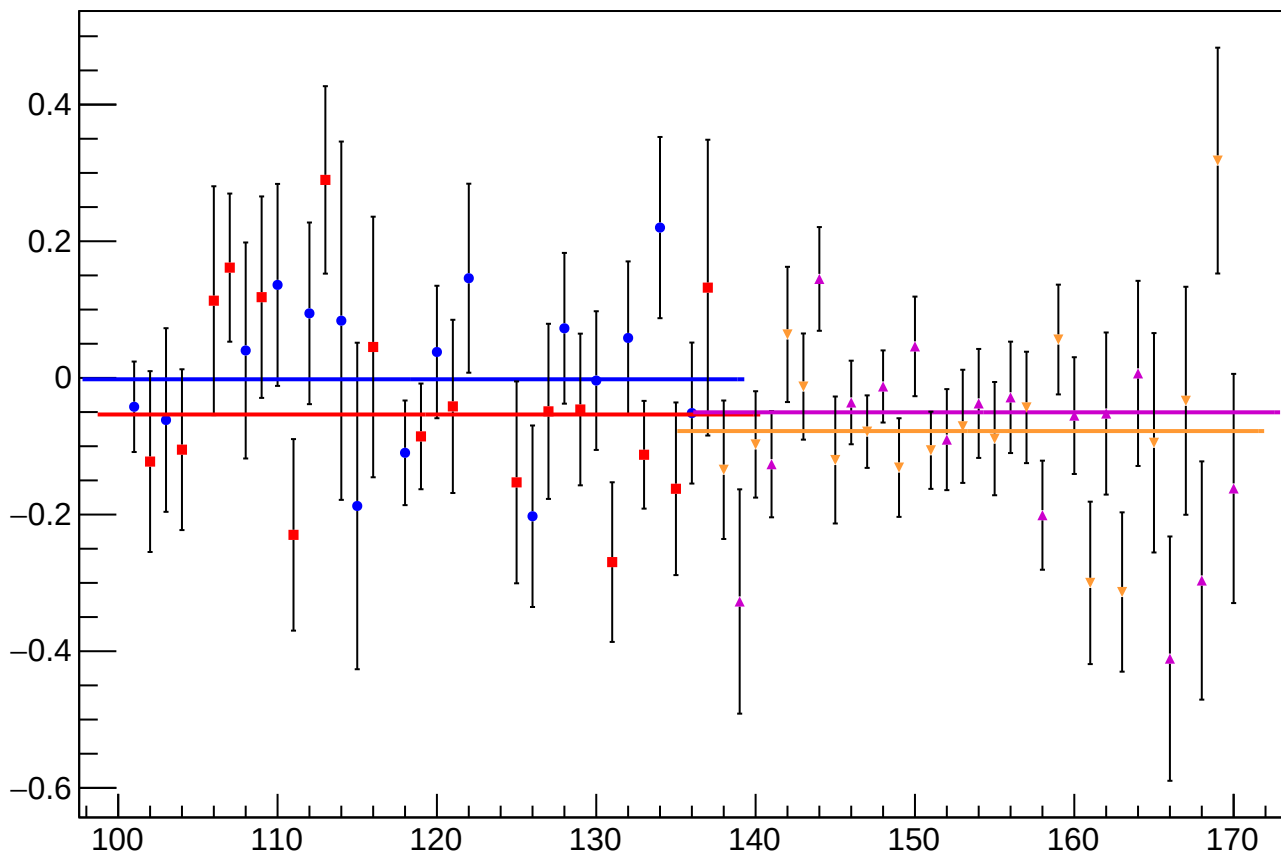
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.109 $\pm$ 0.030 χ^2 /NDF:28.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.045 $\pm$ 0.030 χ^2 /NDF:20.2/15

Left: -0.078 $\pm$ 0.021 χ^2 /NDF: 50.6/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.045 $\pm$ 0.030 χ^2 /NDF:20.2/15
 Out: -0.109 $\pm$ 0.030 χ^2 /NDF:28.1/16
 All: -0.078 $\pm$ 0.021 χ^2 /NDF: 50.6/32

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: -0.078 ± 0.021 $\chi^2/\text{NDF}: 20.5/16$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.050 ± 0.021 $\chi^2/\text{NDF}: 23.4/15$

Left: -0.065 ± 0.015 $\chi^2/\text{NDF}: 44.7/32$

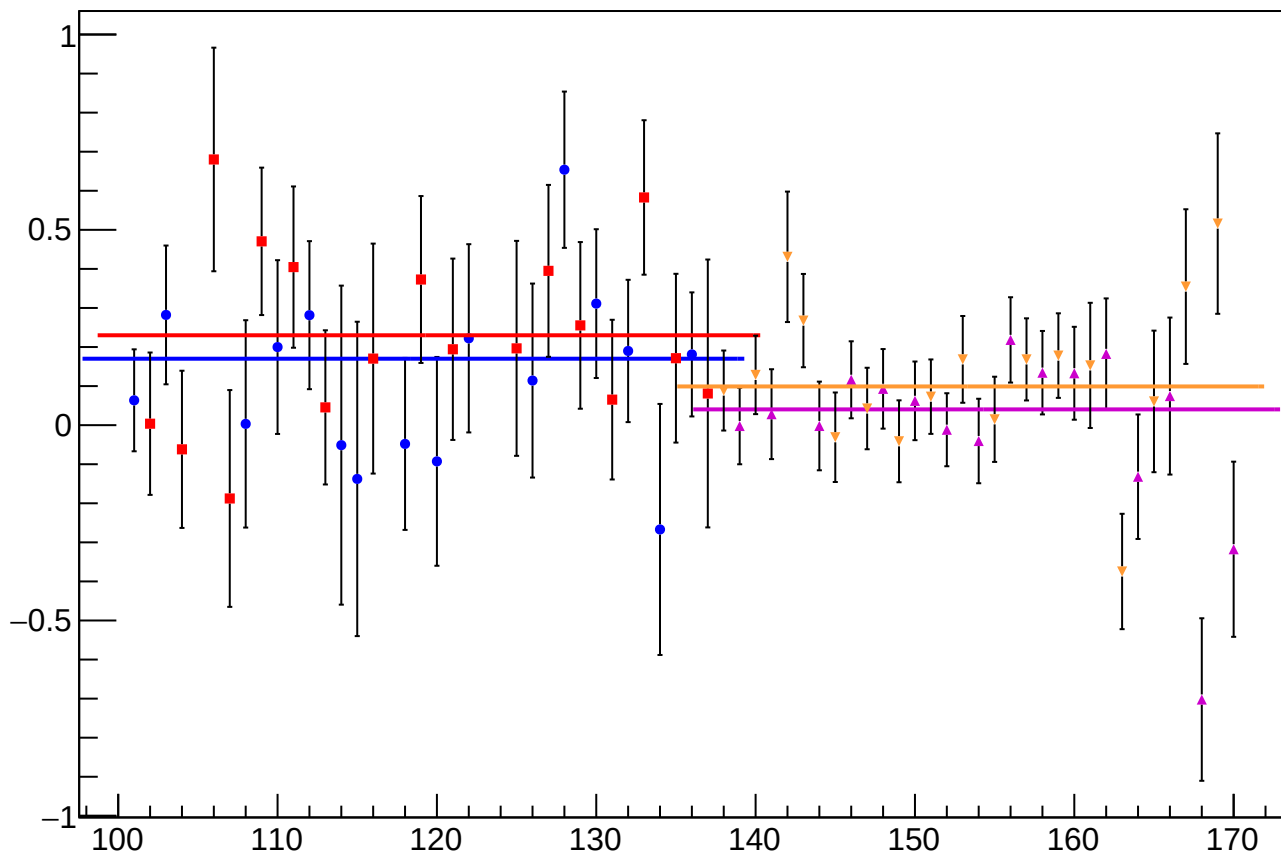
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.033 ± 0.017 $\chi^2/\text{NDF}: 37.3/31$

Out: -0.070 ± 0.017 $\chi^2/\text{NDF}: 41.9/33$

All: -0.051 ± 0.012 $\chi^2/\text{NDF}: 81.6/65$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.099 $\pm$ 0.029 χ^2 /NDF: 26.8/16

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.040 $\pm$ 0.029 χ^2 /NDF: 23.6/15

Left: 0.070 $\pm$ 0.021 χ^2 /NDF: 52.5/32

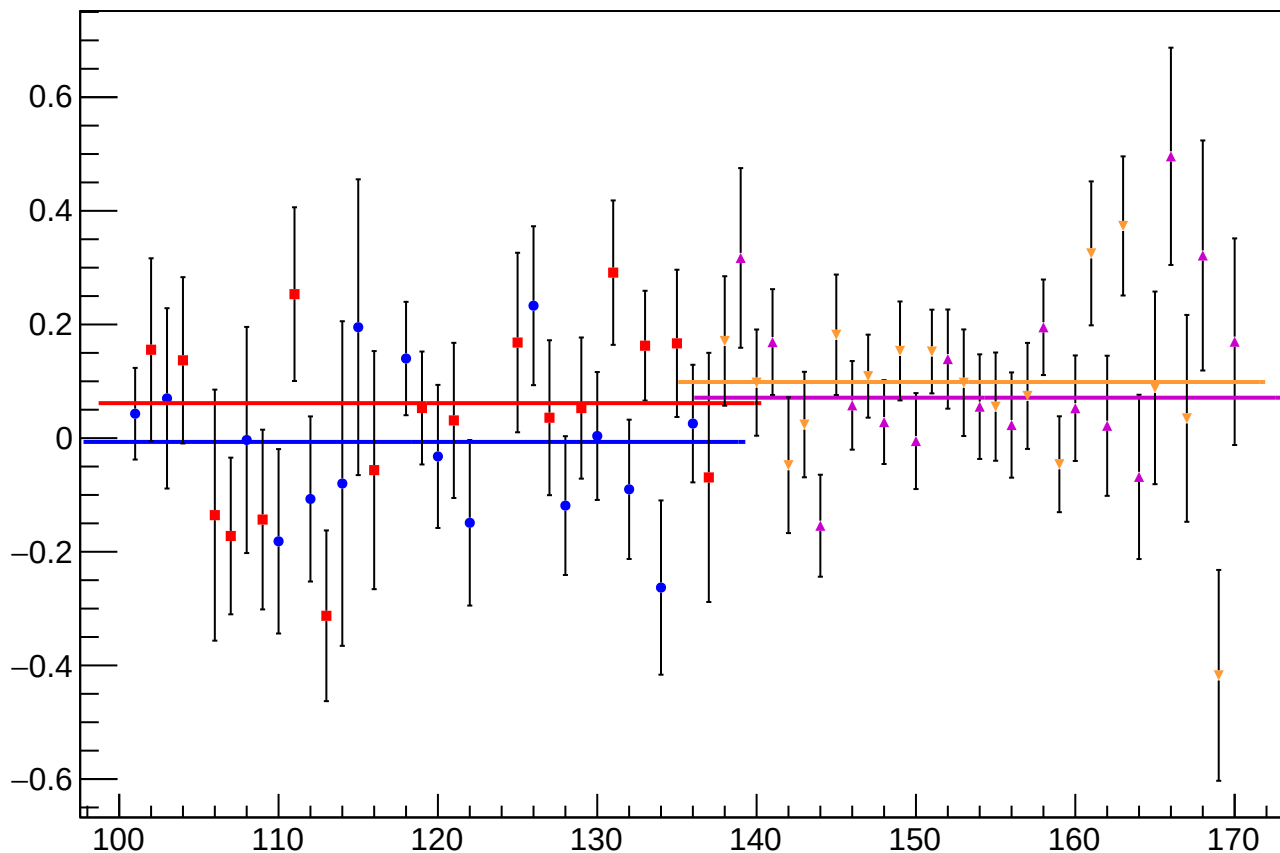
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.072 $\pm$ 0.026 χ^2 /NDF: 41.3/31

Out: 0.129 $\pm$ 0.026 χ^2 /NDF: 48.2/33

All: 0.100 $\pm$ 0.018 χ^2 /NDF: 92.0/65

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.099 ± 0.024 χ^2/NDF : 23.4/16

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.071 ± 0.025 χ^2/NDF : 22.0/15

Left: 0.085 ± 0.018 χ^2/NDF : 46.0/32

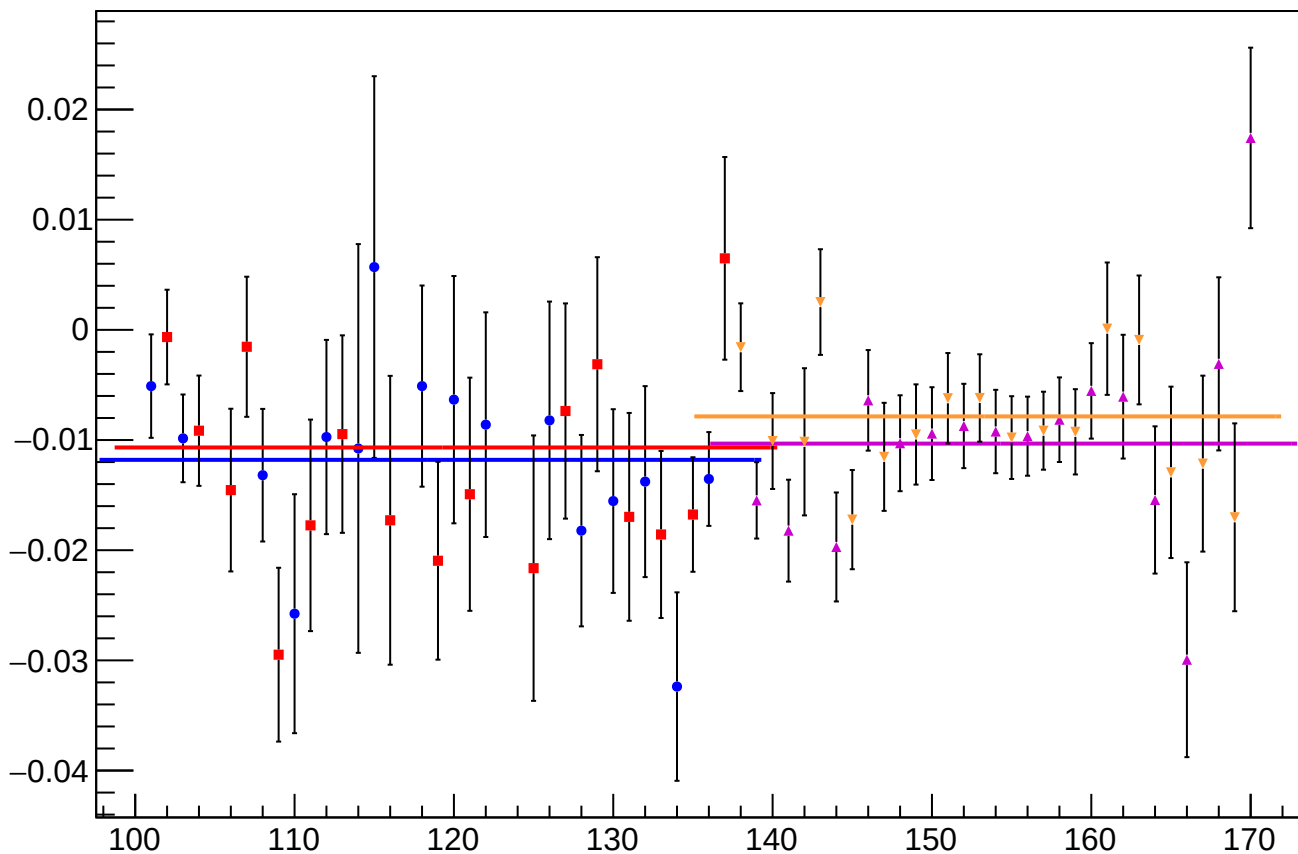
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.042 ± 0.020 χ^2/NDF : 38.8/31

Out: 0.086 ± 0.020 χ^2/NDF : 44.2/33

All: 0.064 ± 0.014 χ^2/NDF : 85.4/65

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 : 18.5/16

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

Left: -0.009 ± 0.001 χ^2/NDF : 50.6/32

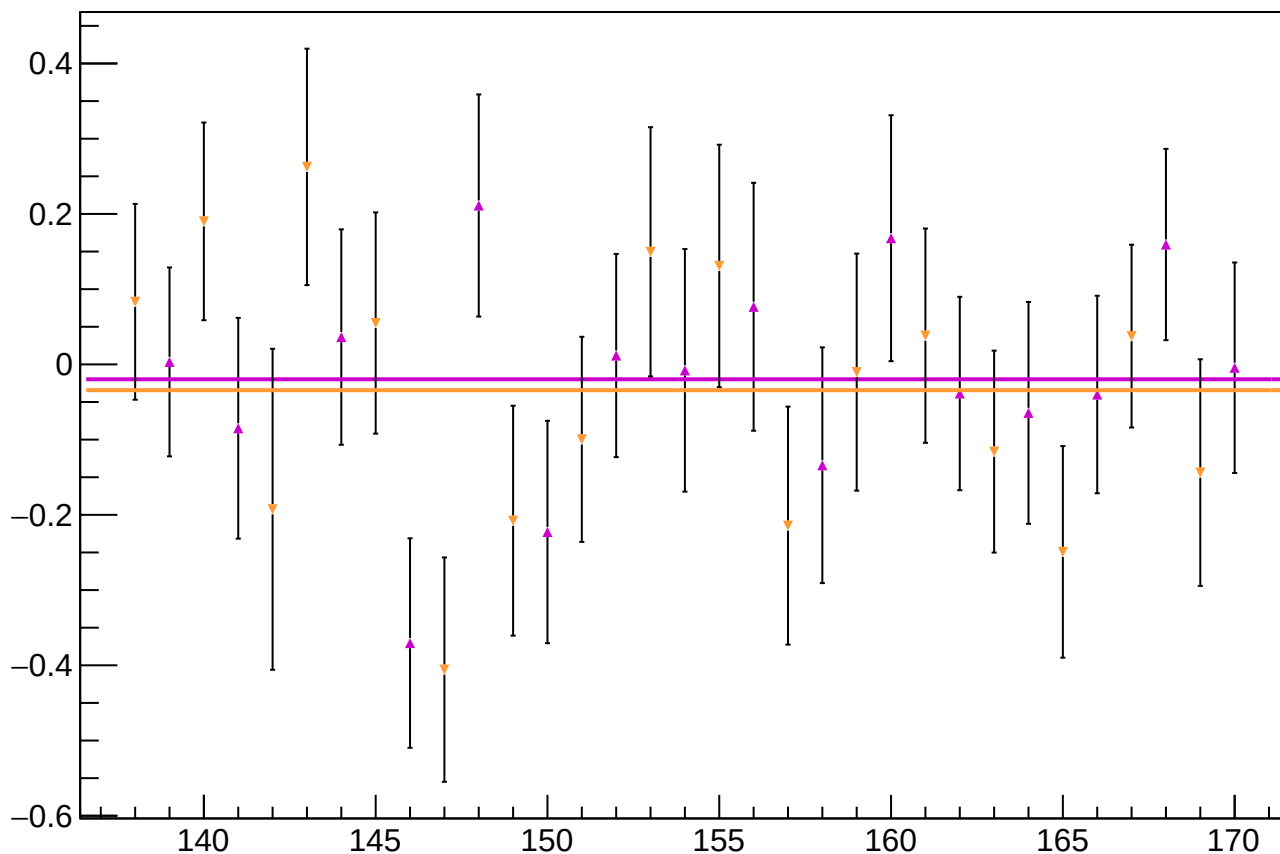
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 43.0/31

Out: -0.009 ± 0.001 χ^2/NDF : 44.0/33

All: -0.010 ± 0.001 χ^2/NDF : 89.4/65

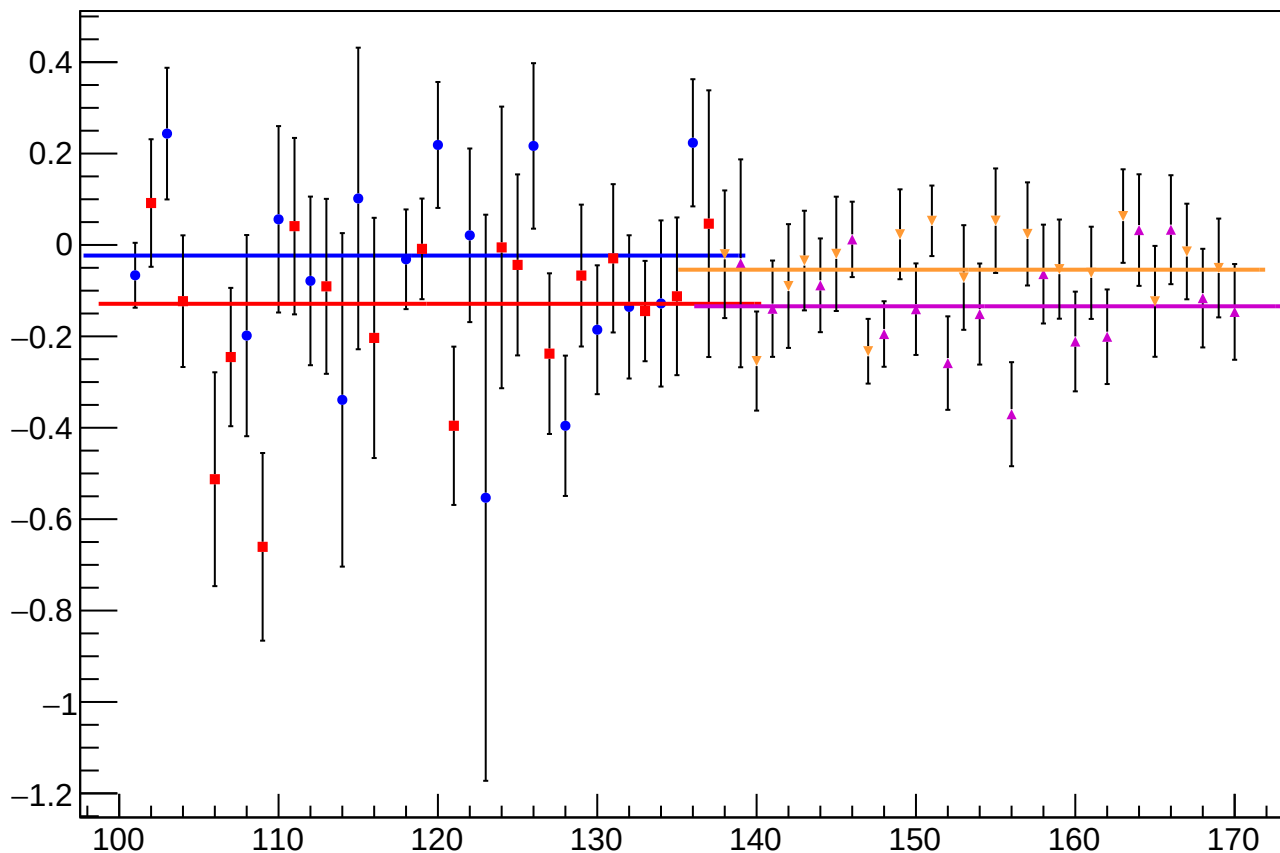
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.036 χ^2 /NDF:23.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15

Left: -0.027 $\pm$ 0.025 χ^2 /NDF: 38.9/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15
 Out: -0.034 $\pm$ 0.036 χ^2 /NDF:23.4/16
 All: -0.027 $\pm$ 0.025 χ^2 /NDF: 38.9/32

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 ± 0.025 χ^2/NDF : 15.7/16

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.134 ± 0.026 χ^2/NDF : 15.3/15

Left: -0.093 ± 0.018 χ^2/NDF : 35.8/32

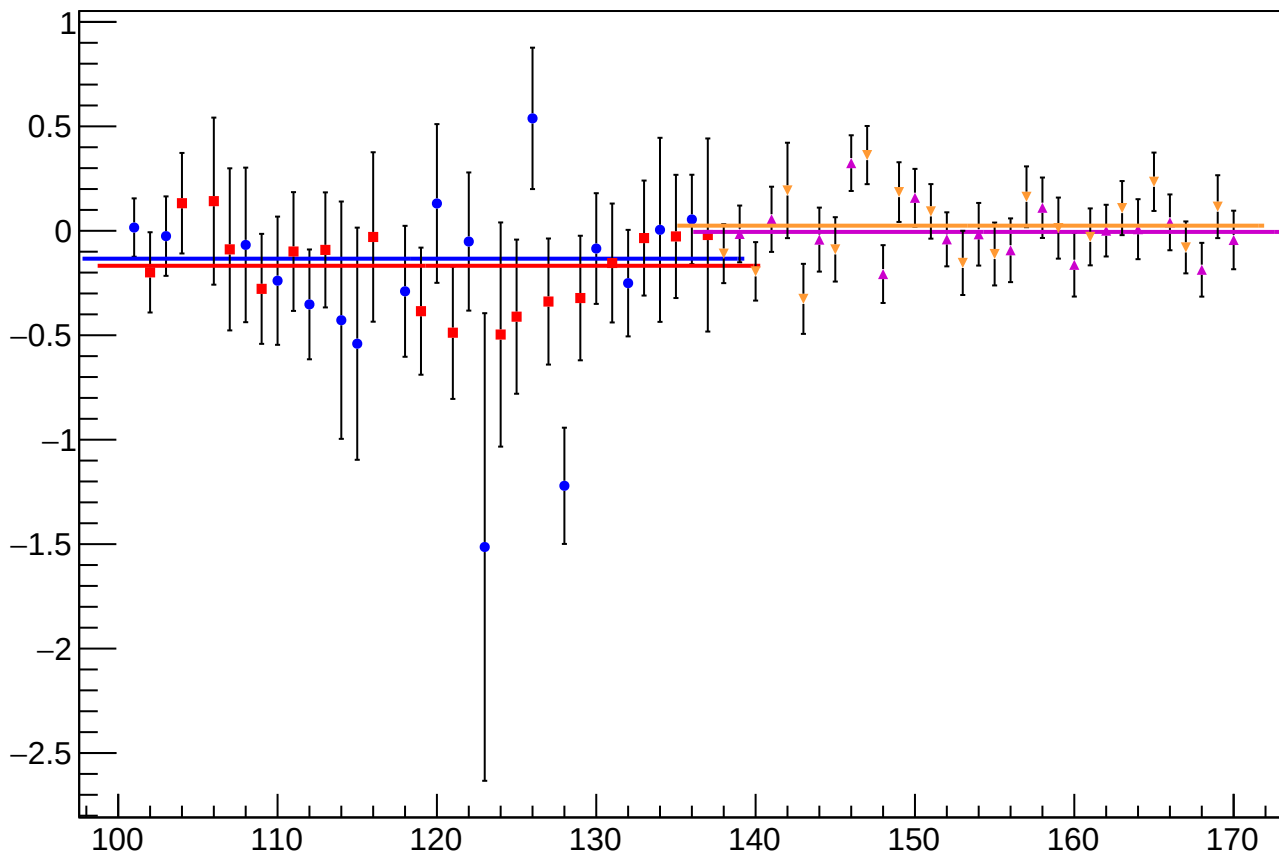
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.097 ± 0.021 χ^2/NDF : 43.8/32

Out: -0.076 ± 0.021 χ^2/NDF : 36.9/34

All: -0.086 ± 0.015 χ^2/NDF : 81.1/67

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.025 ± 0.035 χ^2/NDF : 23.2/16

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.005 ± 0.035 χ^2/NDF : 14.1/15

Left: 0.010 ± 0.025 χ^2/NDF : 37.7/32

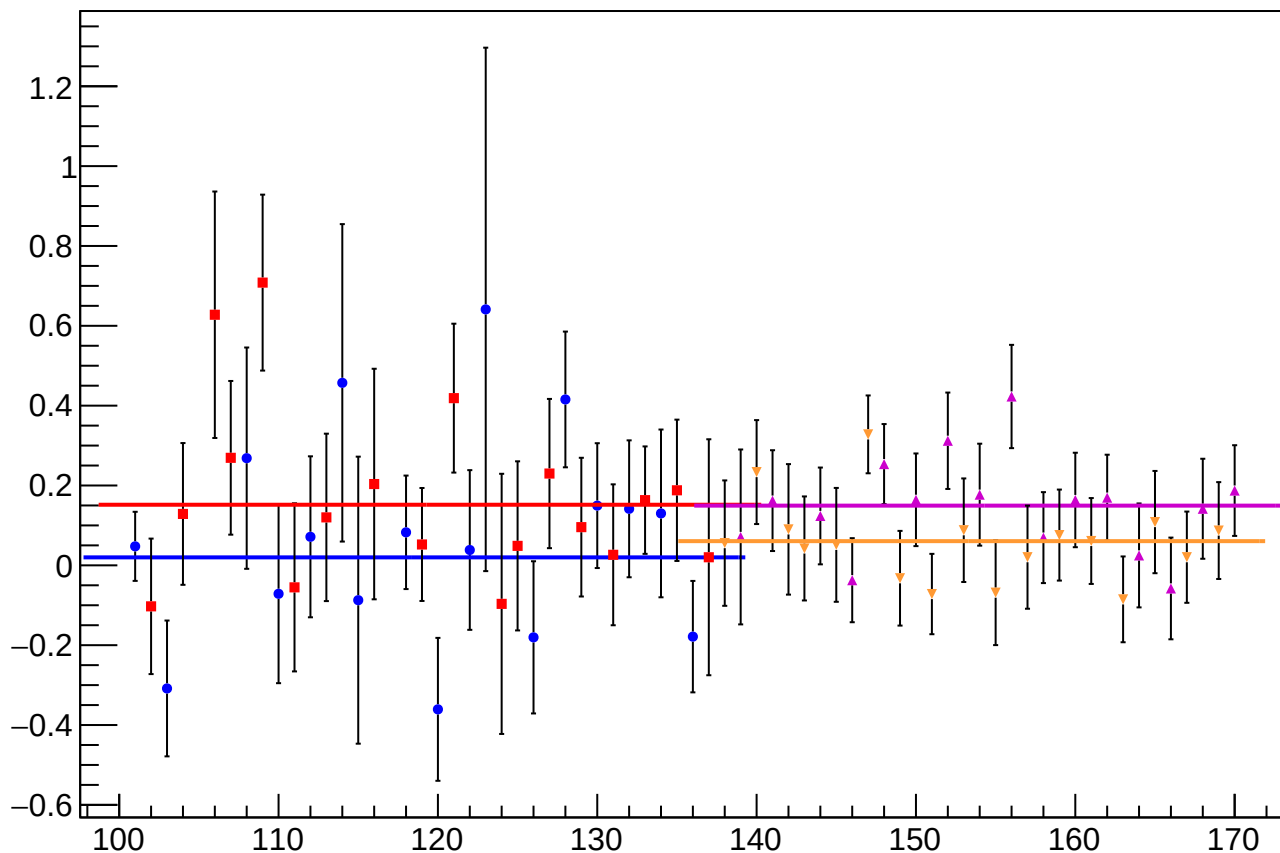
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.033 ± 0.031 χ^2/NDF : 42.8/32

Out: -0.013 ± 0.031 χ^2/NDF : 35.2/34

All: -0.023 ± 0.022 χ^2/NDF : 78.2/67

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: 0.061 $\pm$ 0.029 χ^2 /NDF:15.0/16

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.150 $\pm$ 0.030 χ^2 /NDF:15.0/15

Left: 0.104 $\pm$ 0.021 χ^2 /NDF: 34.4/32

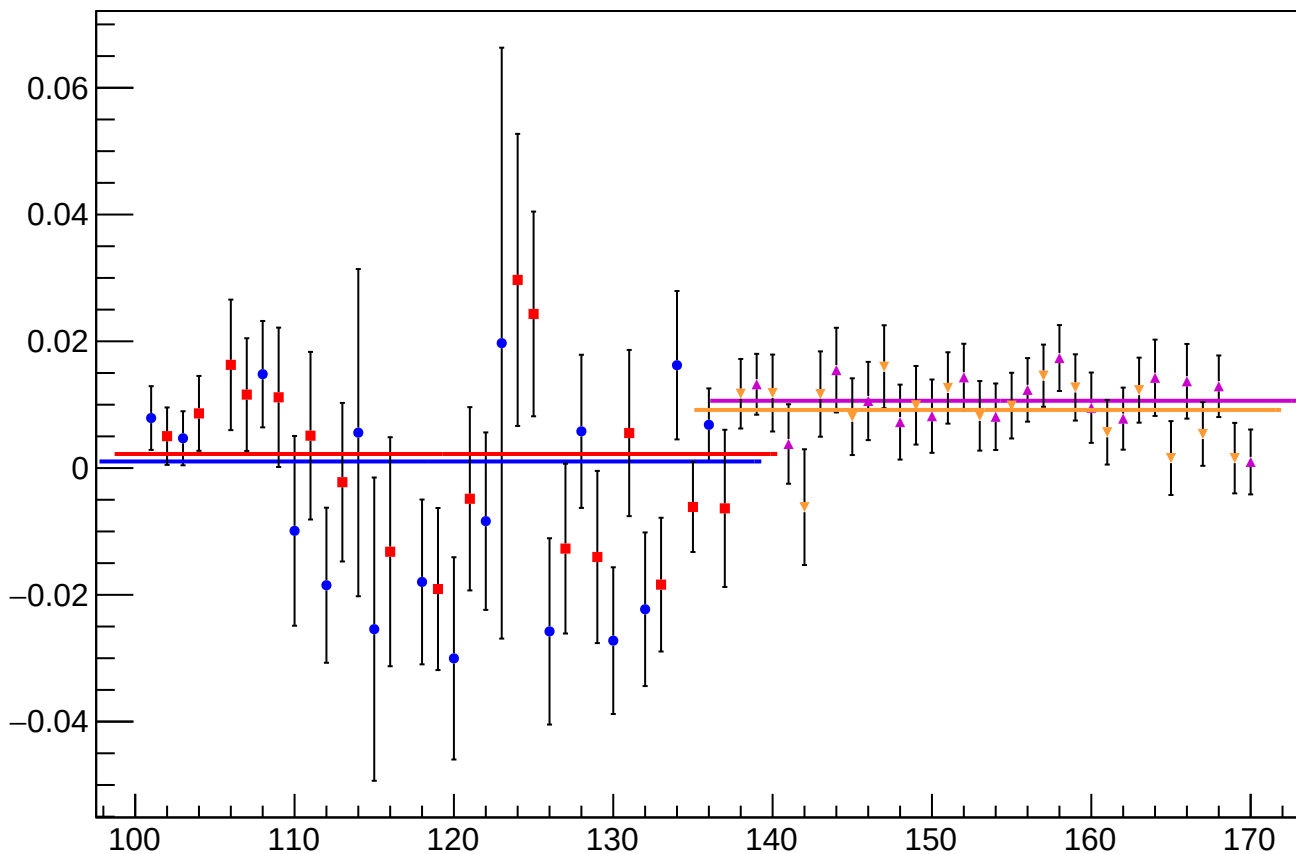
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.106 $\pm$ 0.025 χ^2 /NDF:43.0/32

Out: 0.088 $\pm$ 0.025 χ^2 /NDF:34.6/34

All: 0.097 $\pm$ 0.017 χ^2 /NDF: 77.9/67

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: 0.009 $\pm$ 0.001 χ^2 /NDF:11.6/16

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:9.8/15

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 21.9/32

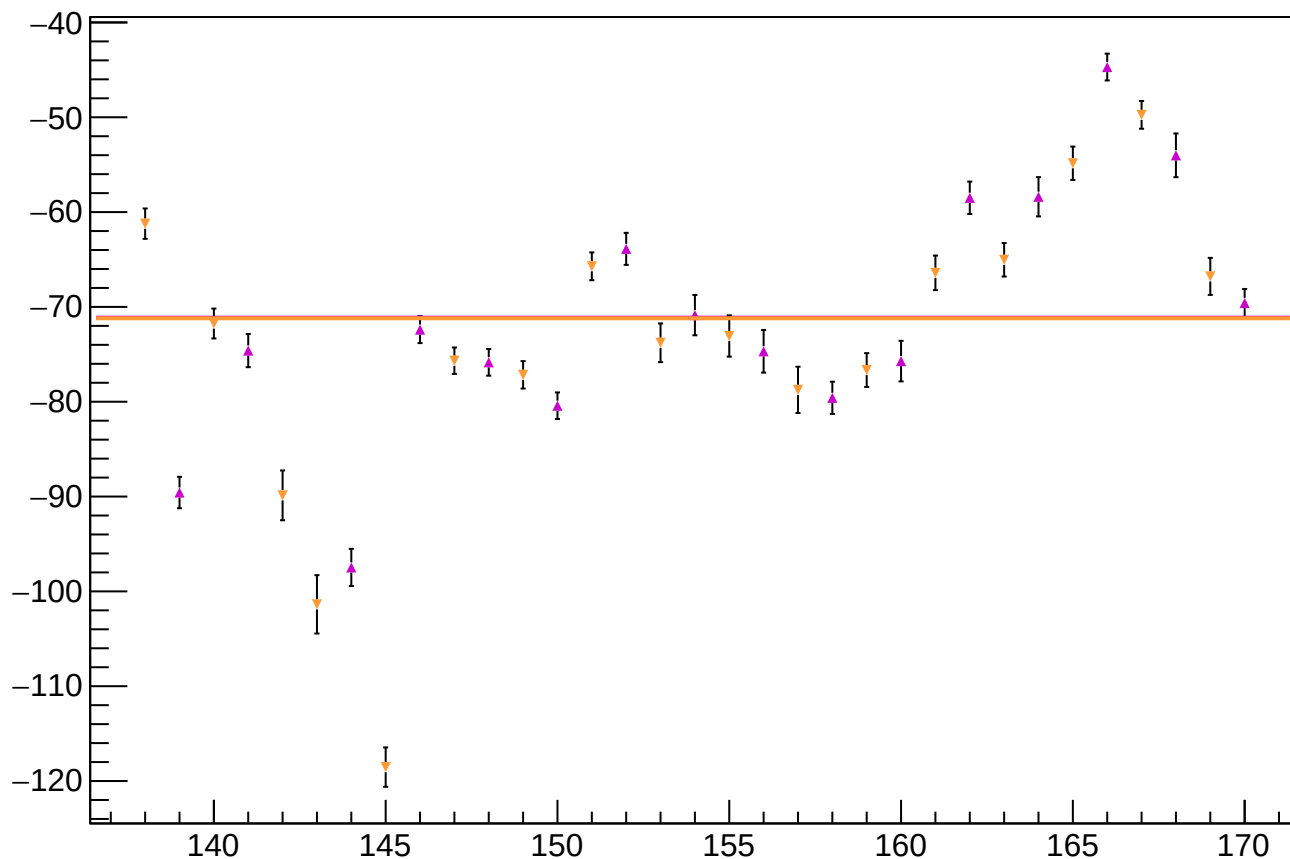
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:55.3/32

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:39.2/34

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 94.6/67

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: -71.197+/-0.433 χ^2/NDF :1093.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.134+/-0.426 χ^2/NDF :913.4/15

Left: -71.165+/-0.303 χ^2/NDF : 2006.5/32

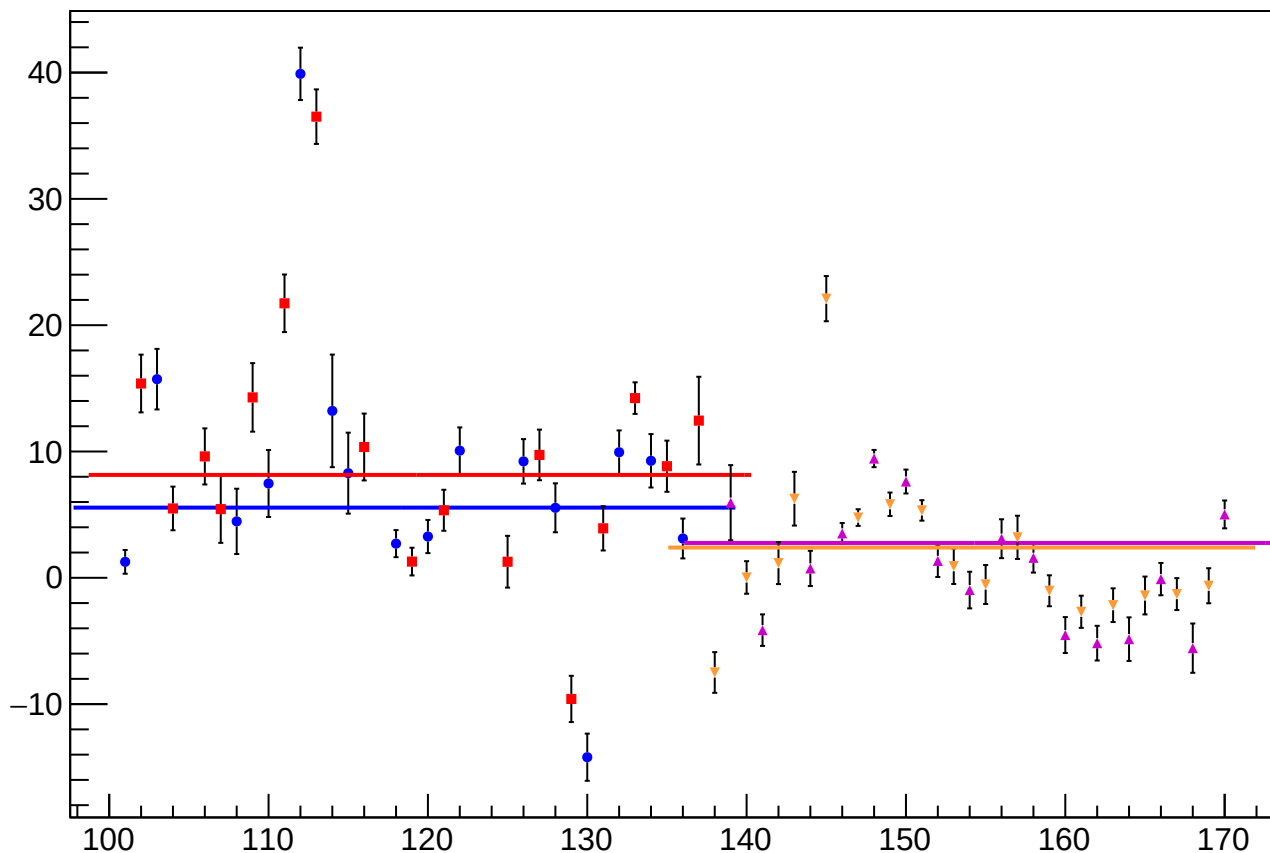
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.134+/-0.426 χ^2/NDF :913.4/15

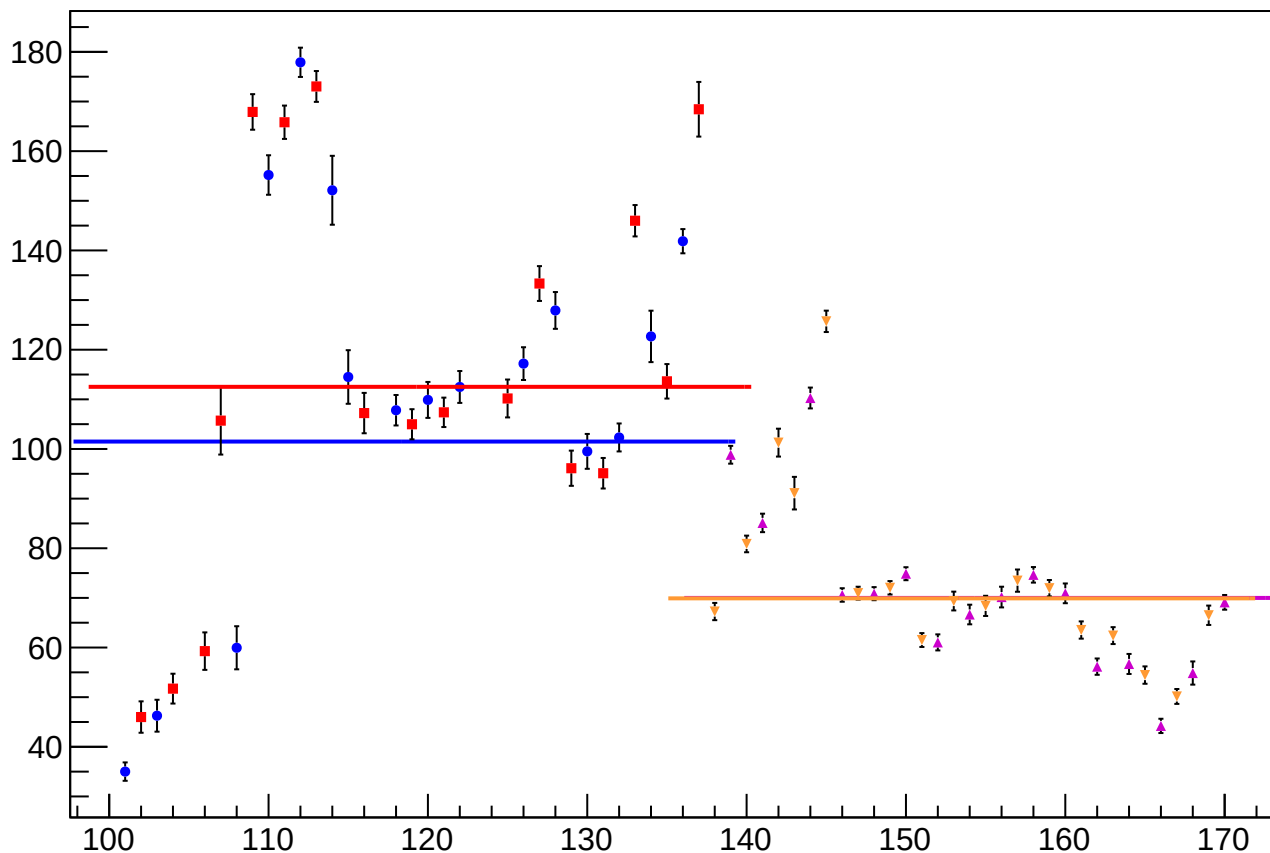
Out: -71.197+/-0.433 χ^2/NDF :1093.1/16

All: -71.165+/-0.303 χ^2/NDF : 2006.5/32

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 69.907 $\pm$ 0.424 χ^2 /NDF:1213.8/16

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 69.994 $\pm$ 0.416 χ^2 /NDF:1227.6/15

Left: 69.951 $\pm$ 0.297 χ^2 /NDF: 2441.4/32

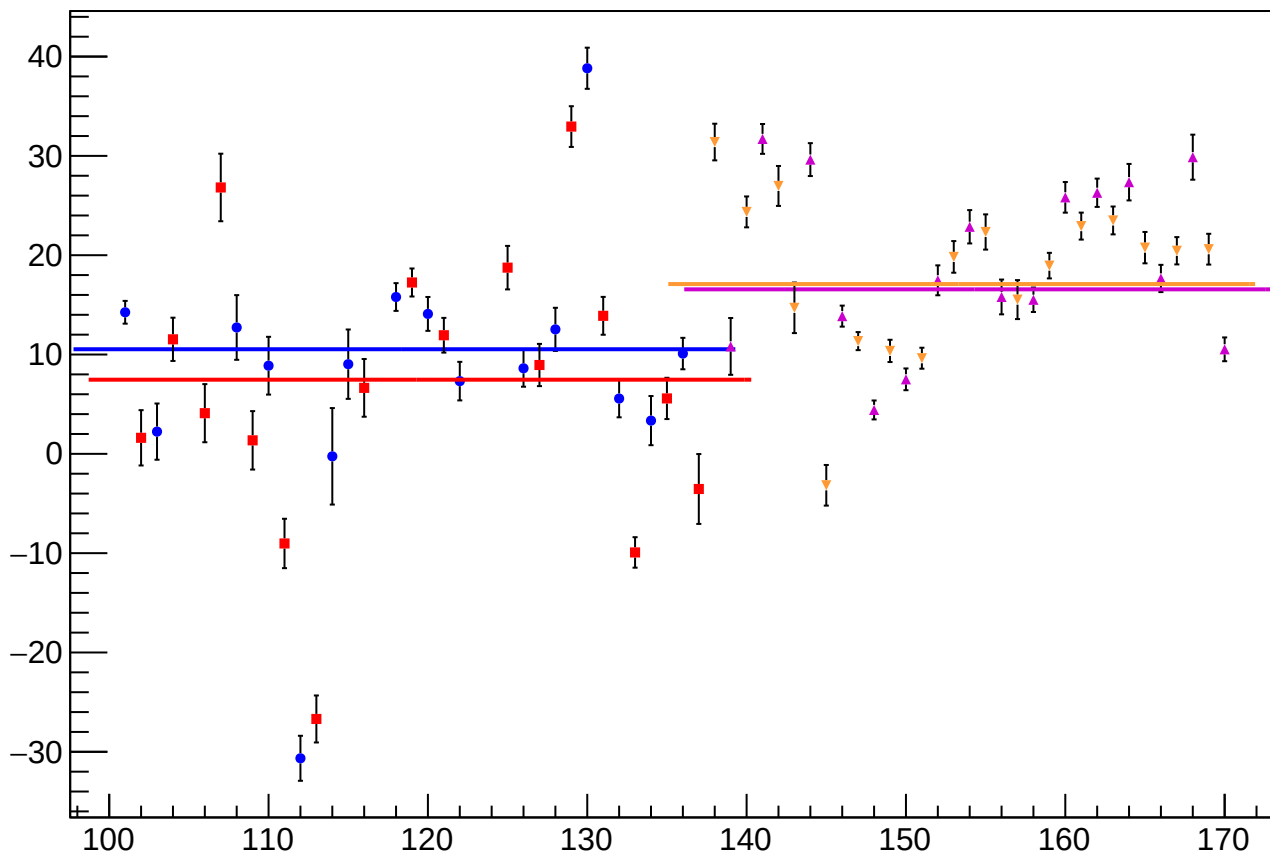
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 76.579 $\pm$ 0.370 χ^2 /NDF:5402.1/31

Out: 78.499 $\pm$ 0.379 χ^2 /NDF:5489.8/33

All: 77.516 $\pm$ 0.264 χ^2 /NDF: 10905.1/65

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: 17.095 $\pm$ 0.349 χ^2 /NDF: 401.1/16

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 16.562 $\pm$ 0.350 χ^2 /NDF: 597.9/15

Left: 16.830 $\pm$ 0.247 χ^2 /NDF: 1000.1/32

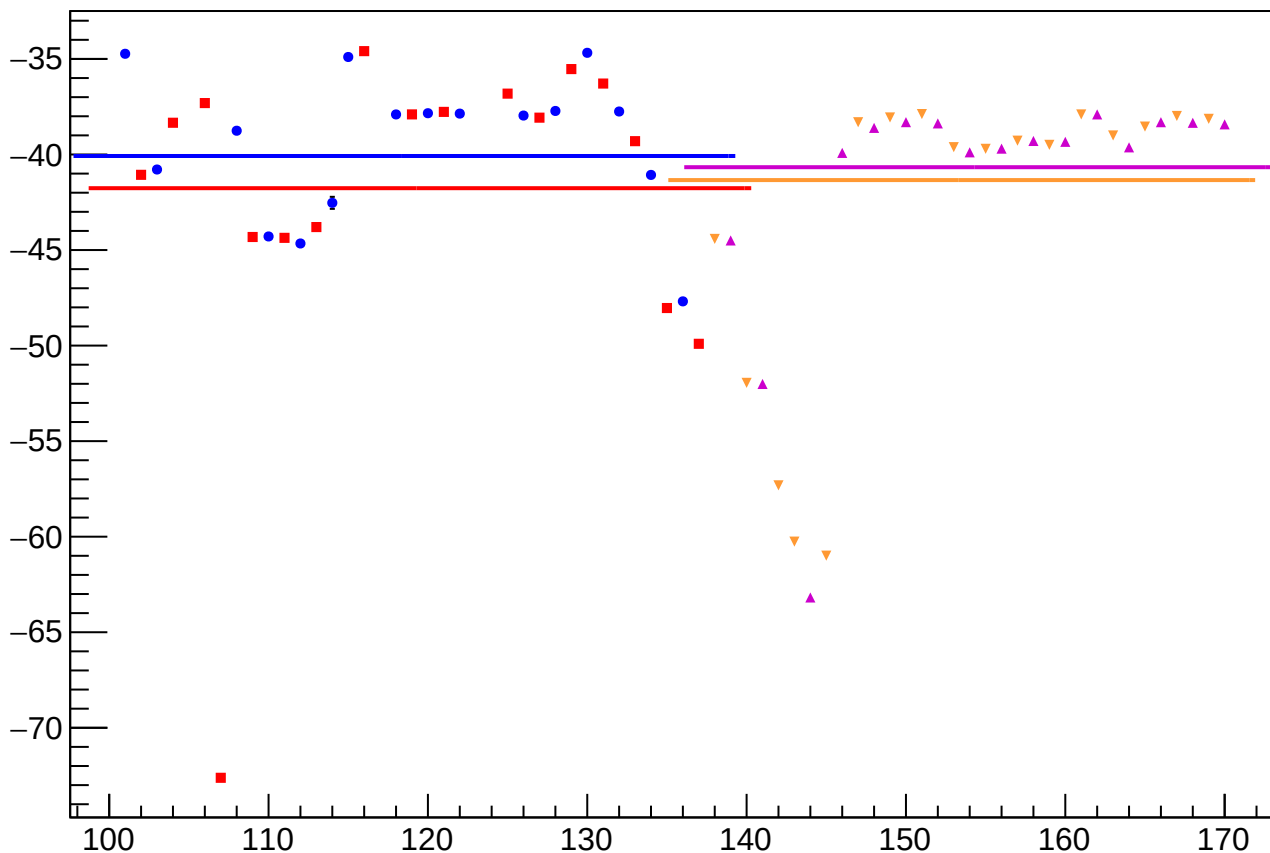
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.542 $\pm$ 0.285 χ^2 /NDF: 1277.7/31

Out: 14.148 $\pm$ 0.290 χ^2 /NDF: 1319.5/33

All: 14.348 $\pm$ 0.204 χ^2 /NDF: 2598.1/65

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -41.339 ± 0.017 χ^2/NDF : 138710.4/16

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -40.665 ± 0.016 χ^2/NDF : 97632.7/15

Left: -40.993 ± 0.012 χ^2/NDF : 237157.1/32

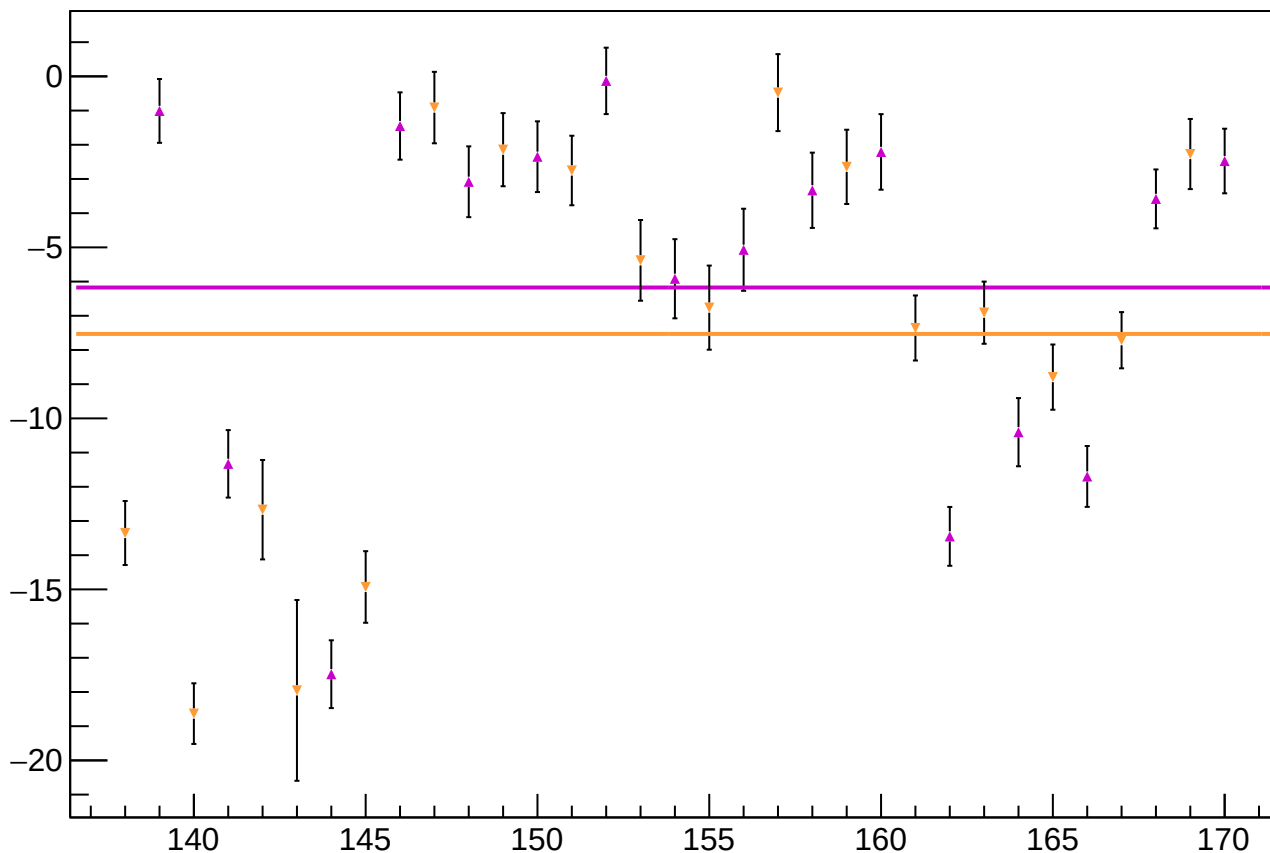
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -40.516 ± 0.014 χ^2/NDF : 123101.7/31

Out: -41.448 ± 0.015 χ^2/NDF : 199120.3/33

All: -40.970 ± 0.010 χ^2/NDF : 324311.2/65

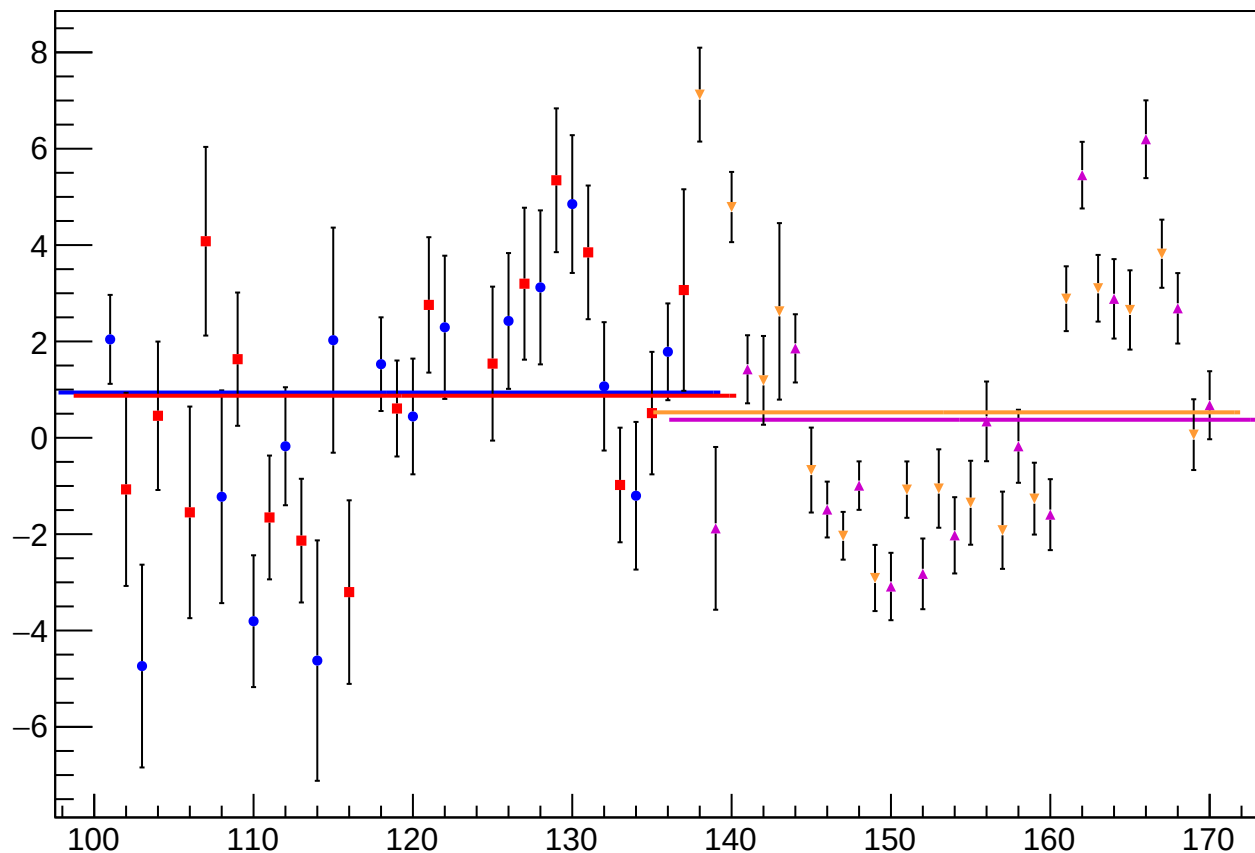
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.530 $\pm$ 0.253 χ^2 /NDF:453.0/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15

Left: -6.836 $\pm$ 0.177 χ^2 /NDF: 913.0/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15
 Out: -7.530 $\pm$ 0.253 χ^2 /NDF:453.0/16
 All: -6.836 $\pm$ 0.177 χ^2 /NDF: 913.0/32

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: 0.528 ± 0.181 $\chi^2/\text{NDF}: 221.3/16$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.374 ± 0.180 $\chi^2/\text{NDF}: 211.8/15$

Left: 0.451 ± 0.128 $\chi^2/\text{NDF}: 433.5/32$

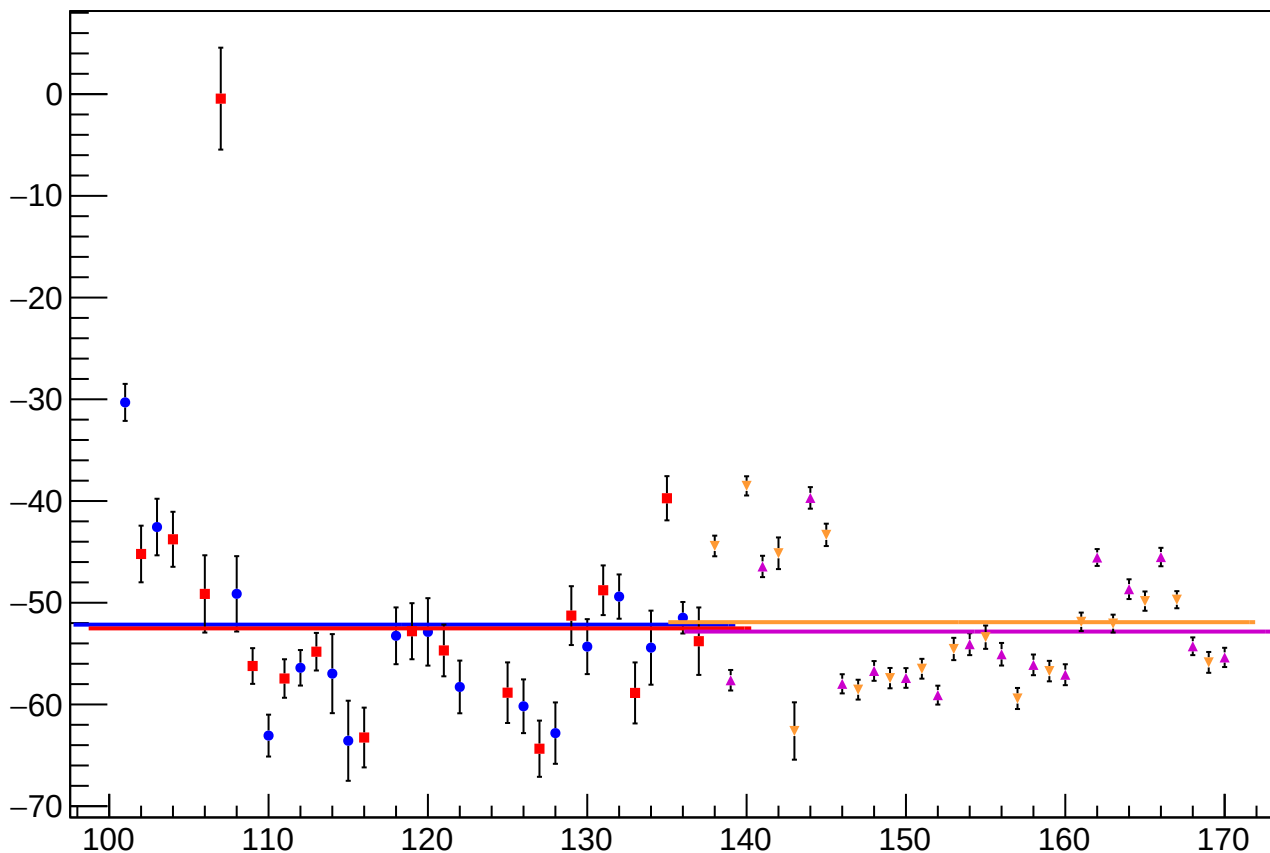
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.499 ± 0.159 $\chi^2/\text{NDF}: 256.2/31$

Out: 0.600 ± 0.161 $\chi^2/\text{NDF}: 262.6/33$

All: 0.549 ± 0.113 $\chi^2/\text{NDF}: 519.0/65$

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: -51.909 ± 0.250 χ^2/NDF : 558.1/16

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.835 ± 0.243 χ^2/NDF : 530.3/15

Left: -52.385 ± 0.174 χ^2/NDF : 1095.4/32

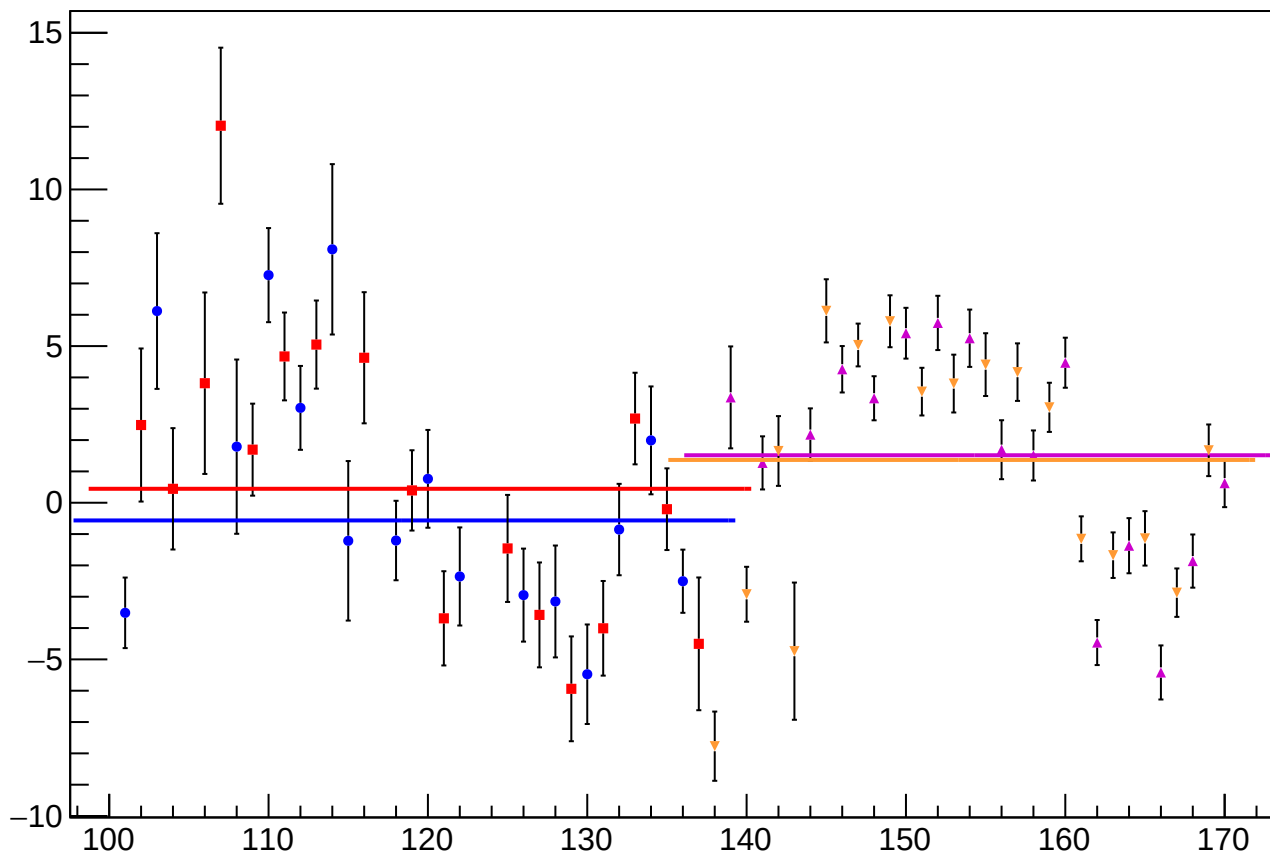
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.743 ± 0.226 χ^2/NDF : 762.4/31

Out: -51.995 ± 0.231 χ^2/NDF : 776.7/33

All: -52.378 ± 0.162 χ^2/NDF : 1544.4/65

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: 1.366 ± 0.210 χ^2/NDF : 286.4/16

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.516 ± 0.208 χ^2/NDF : 261.3/15

Left: 1.441 ± 0.148 χ^2/NDF : 547.9/32

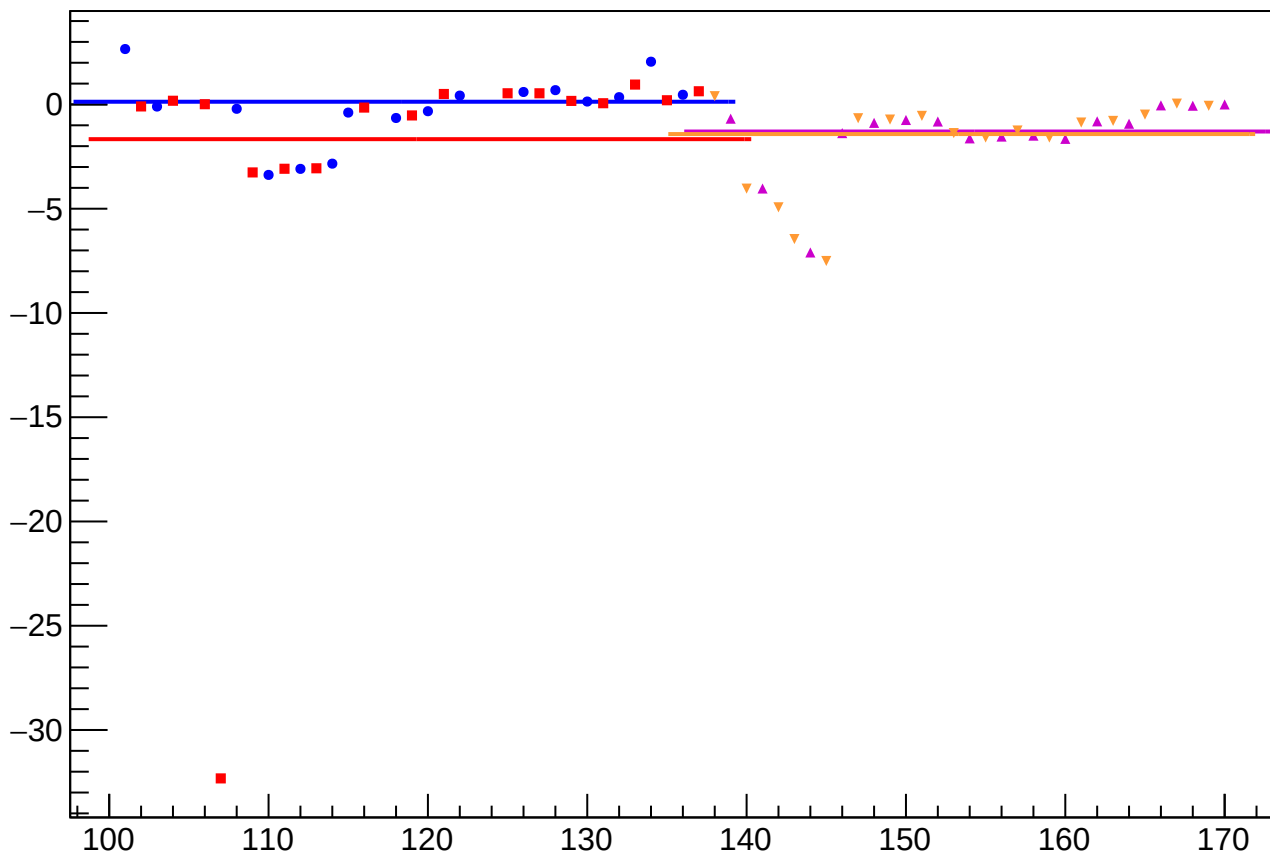
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.043 ± 0.183 χ^2/NDF : 365.7/31

Out: 1.168 ± 0.186 χ^2/NDF : 384.7/33

All: 1.104 ± 0.130 χ^2/NDF : 750.6/65

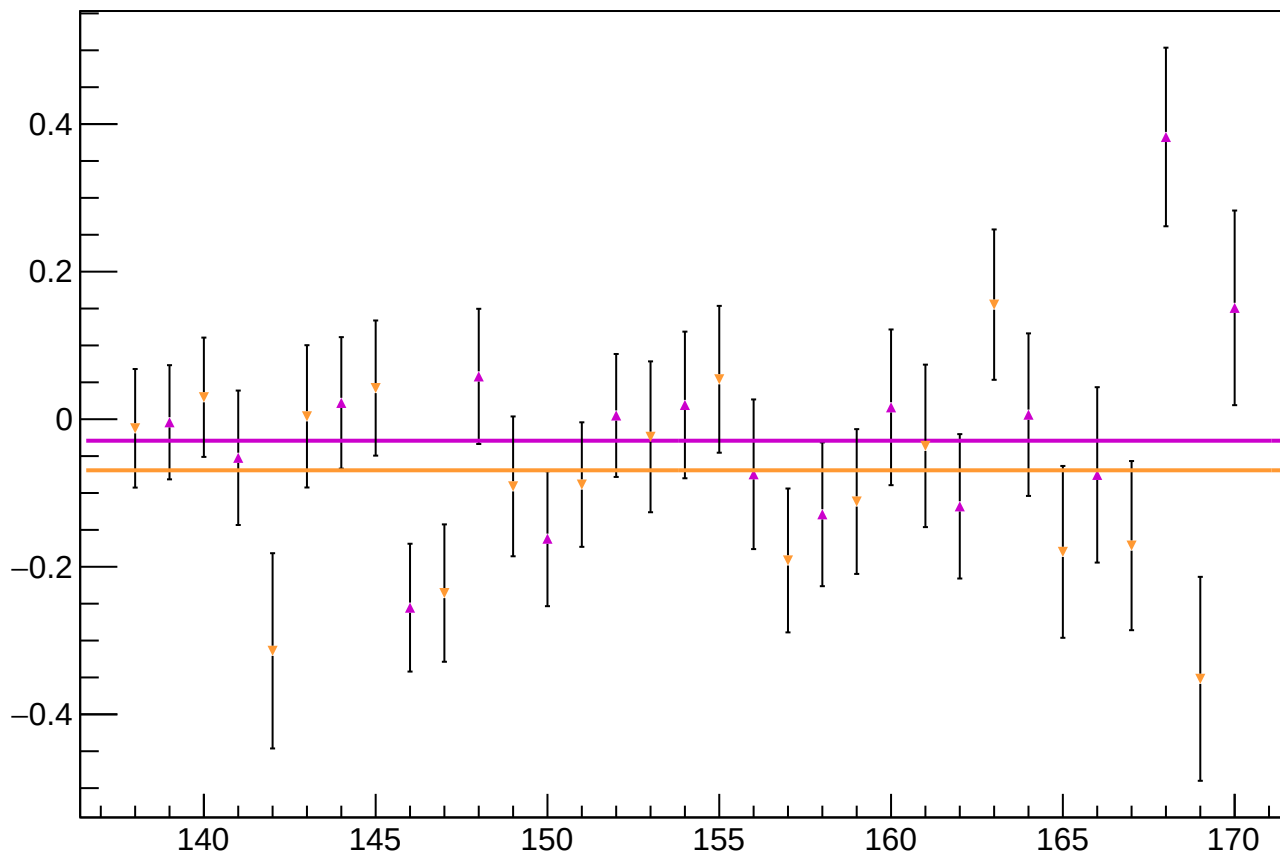
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.420 ± 0.010 $\chi^2/\text{NDF}: 36462.6/16$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.298 ± 0.010 $\chi^2/\text{NDF}: 24955.7/15$

Left: -1.357 ± 0.007 $\chi^2/\text{NDF}: 61498.3/32$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.064 ± 0.009 $\chi^2/\text{NDF}: 33874.5/31$
 Out: -1.461 ± 0.009 $\chi^2/\text{NDF}: 114169.6/33$
 All: -1.257 ± 0.006 $\chi^2/\text{NDF}: 149054.2/65$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.069 $\pm$ 0.024 χ^2 /NDF:25.1/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Left: -0.049 $\pm$ 0.017 χ^2 /NDF: 53.2/32

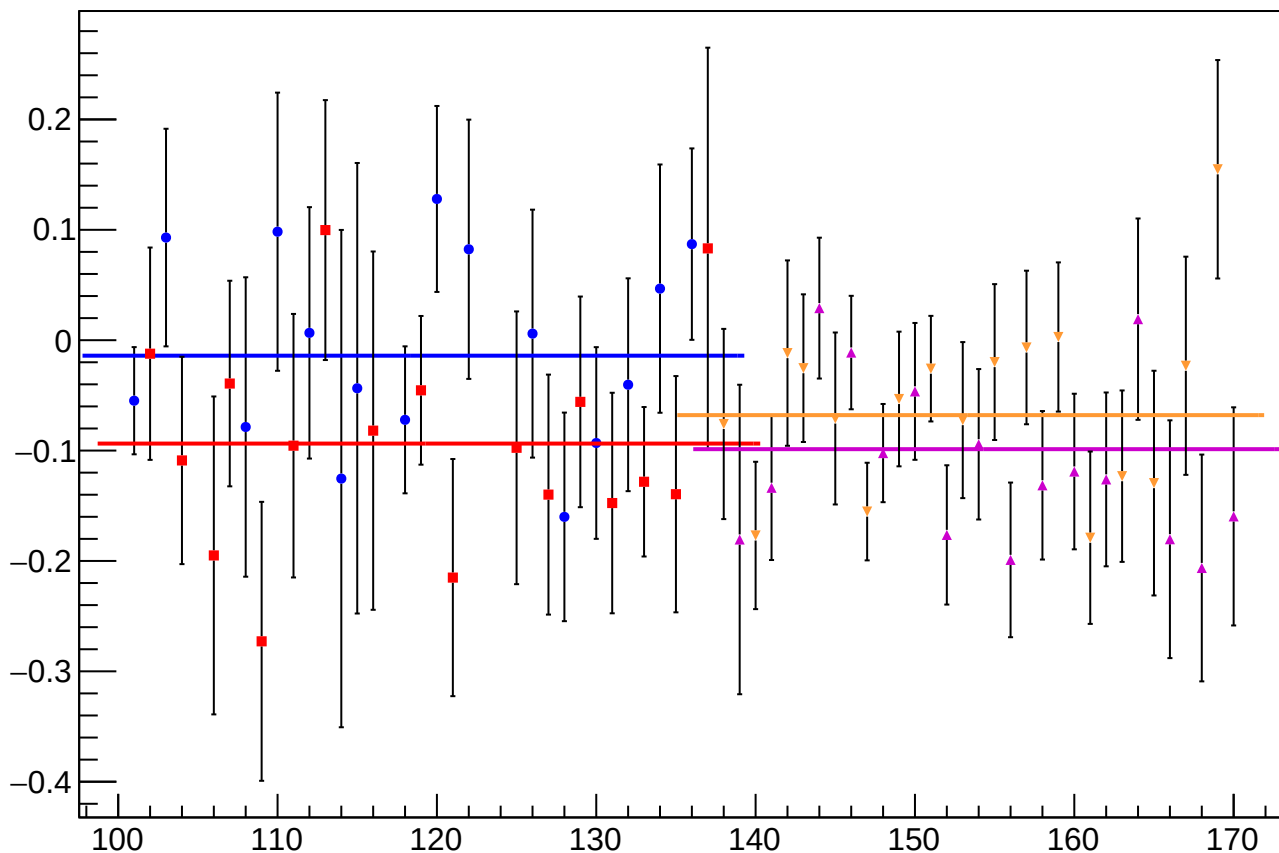
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Out: -0.069 $\pm$ 0.024 χ^2 /NDF:25.1/16

All: -0.049 $\pm$ 0.017 χ^2 /NDF: 53.2/32

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.068 ± 0.017 $\chi^2/\text{NDF}: 18.8/16$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.099 ± 0.017 $\chi^2/\text{NDF}: 16.0/15$

Left: -0.083 ± 0.012 $\chi^2/\text{NDF}: 36.4/32$

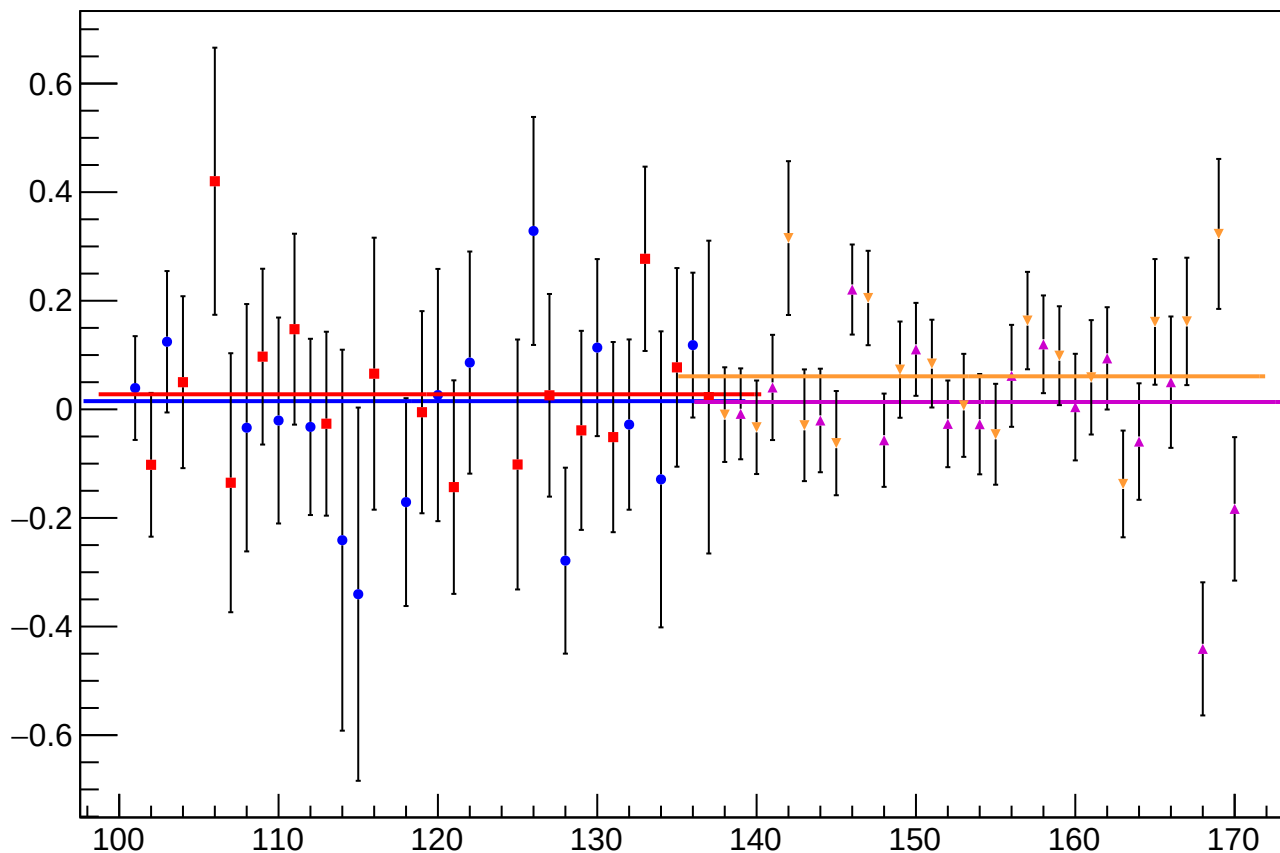
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.069 ± 0.014 $\chi^2/\text{NDF}: 37.0/31$

Out: -0.076 ± 0.014 $\chi^2/\text{NDF}: 29.6/33$

All: -0.072 ± 0.010 $\chi^2/\text{NDF}: 66.7/65$

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: 0.061 $\pm$ 0.024 χ^2 /NDF:22.6/16

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.014 $\pm$ 0.024 χ^2 /NDF:27.8/15

Left: 0.037 $\pm$ 0.017 χ^2 /NDF: 52.5/32

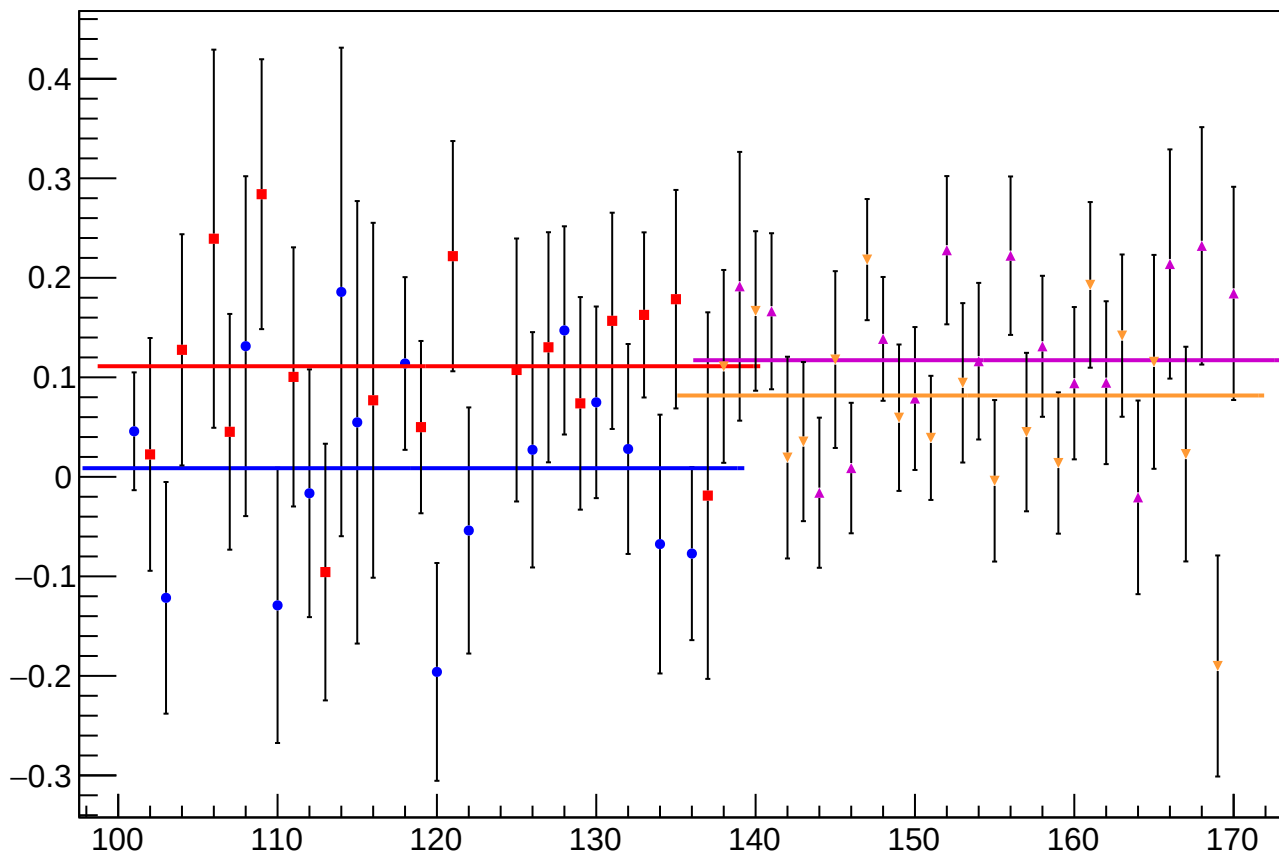
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.014 $\pm$ 0.021 χ^2 /NDF:37.9/31

Out: 0.054 $\pm$ 0.021 χ^2 /NDF:31.5/33

All: 0.034 $\pm$ 0.015 χ^2 /NDF: 71.2/65

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: 0.082 $\pm$ 0.020 χ^2/NDF :18.7/16

Right Out: 0.111 $\pm$ 0.029 χ^2/NDF : 8.6/16

Left In: 0.117 $\pm$ 0.020 χ^2/NDF :15.1/15

Left: 0.099 $\pm$ 0.014 χ^2/NDF : 35.4/32

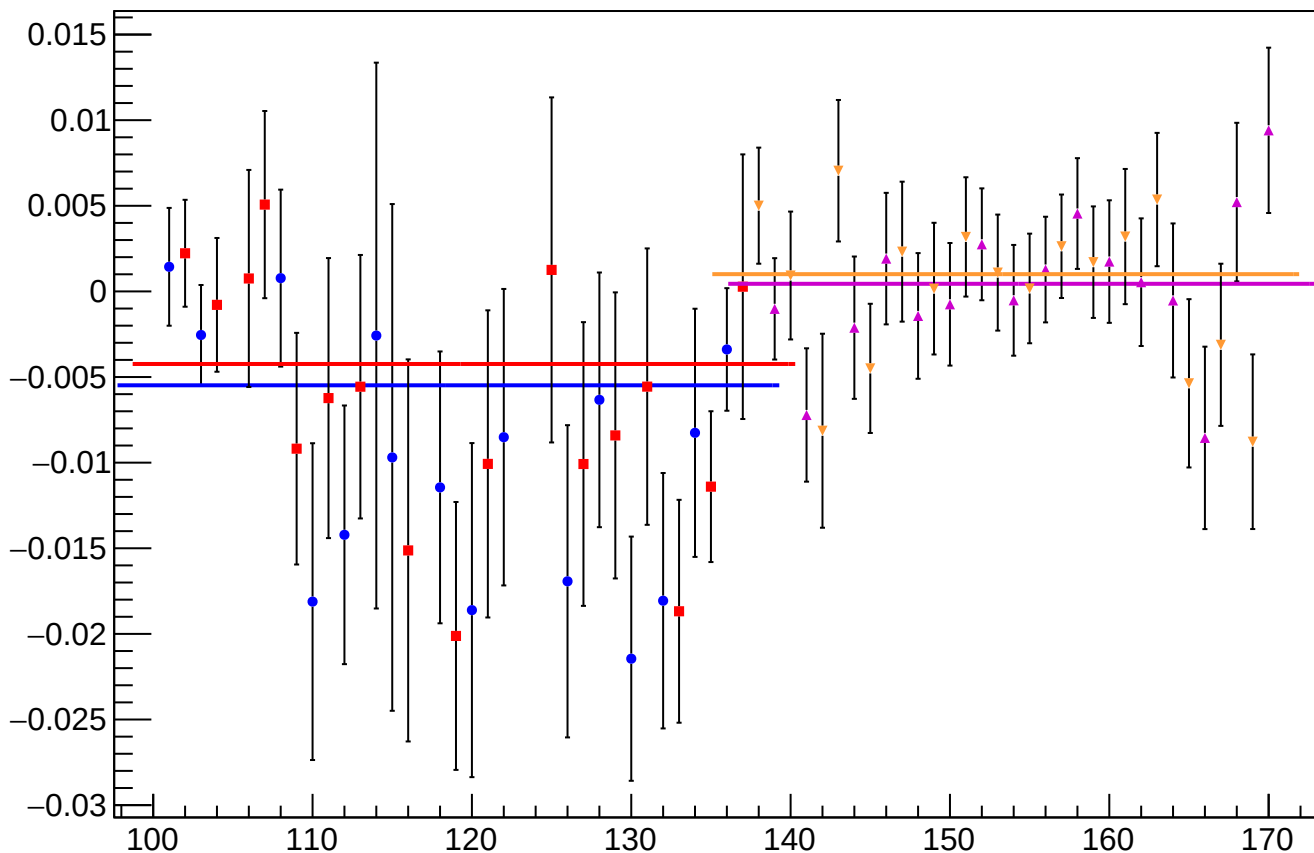
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/32

In: 0.078 $\pm$ 0.016 χ^2/NDF :38.1/31

Out: 0.091 $\pm$ 0.016 χ^2/NDF :28.0/33

All: 0.085 $\pm$ 0.011 χ^2/NDF : 66.4/65

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:16.9/16

Right Out: -0.004 $\pm$ 0.001 χ^2 /NDF: 23.7/16

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:14.8/15

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 31.9/32

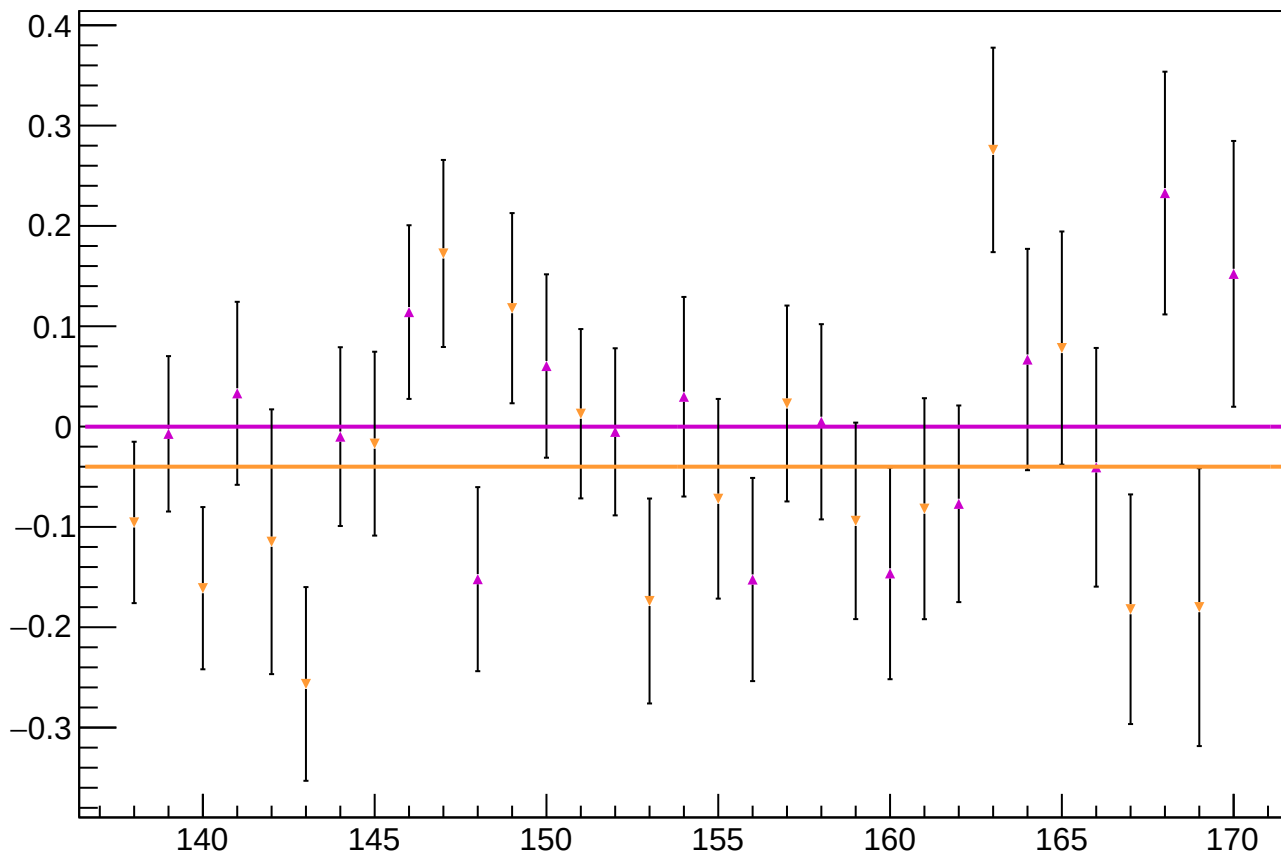
Right: -0.005 $\pm$ 0.001 χ^2 /NDF: 46.3/32

In: -0.001 $\pm$ 0.001 χ^2 /NDF:49.1/31

Out: -0.000 $\pm$ 0.001 χ^2 /NDF:49.7/33

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 99.4/65

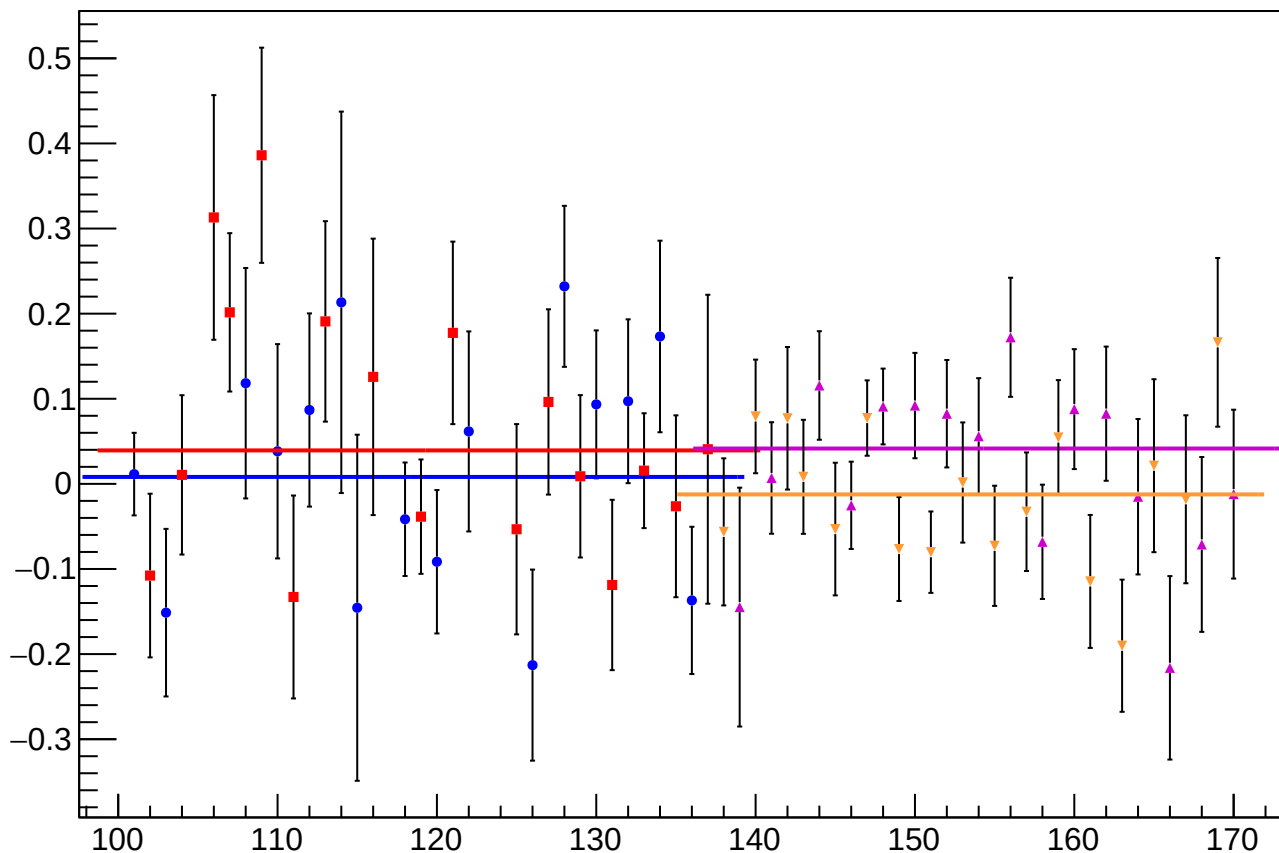
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.040 $\pm$ 0.024 χ^2 /NDF:32.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15

Left: -0.020 $\pm$ 0.017 χ^2 /NDF: 49.2/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15
 Out: -0.040 $\pm$ 0.024 χ^2 /NDF:32.4/16
 All: -0.020 $\pm$ 0.017 χ^2 /NDF: 49.2/32

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 χ^2/NDF : 23.7/15

Left Out: -0.012 ± 0.017 χ^2/NDF : 23.0/16

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.042 ± 0.017 χ^2/NDF : 21.9/15

Left: 0.014 ± 0.012 χ^2/NDF : 49.9/32

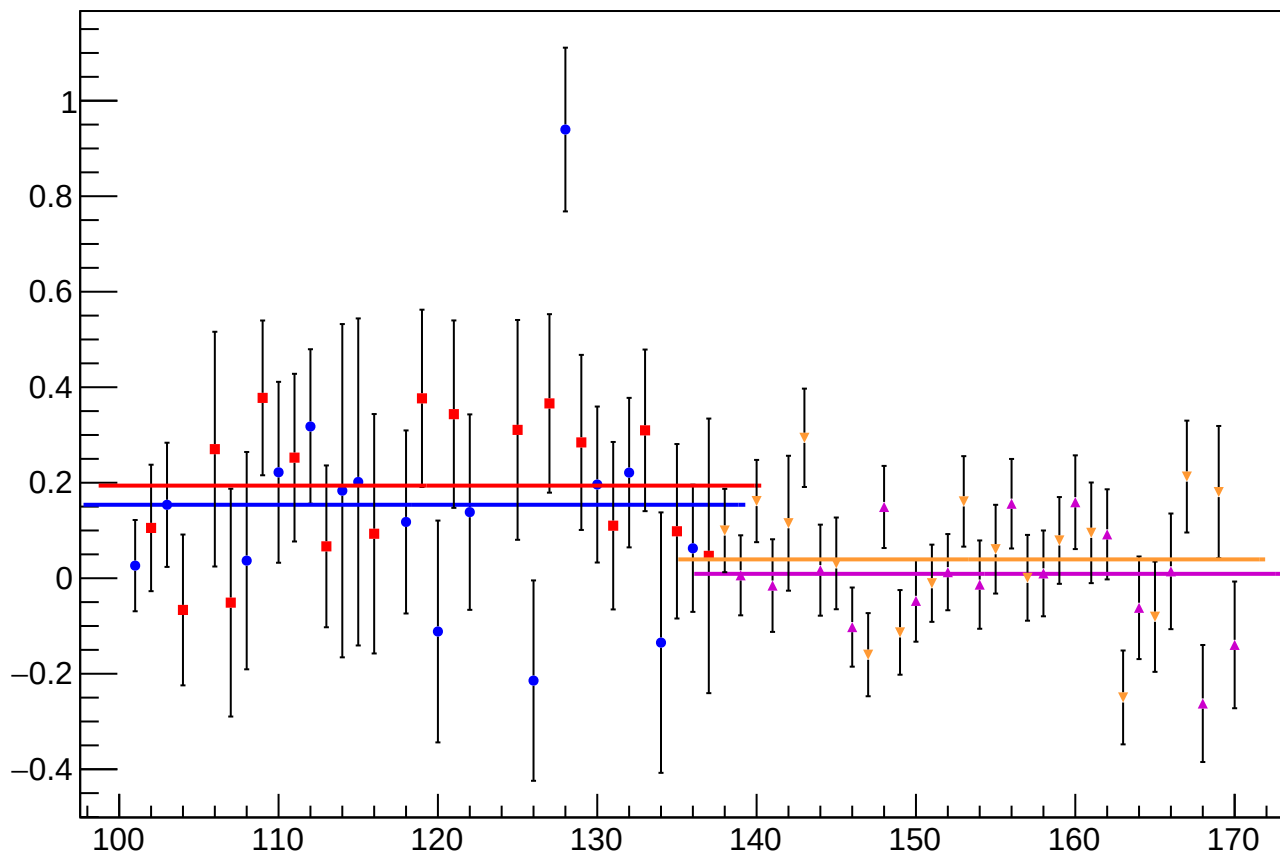
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.030 ± 0.014 χ^2/NDF : 46.9/31

Out: 0.004 ± 0.014 χ^2/NDF : 53.6/33

All: 0.017 ± 0.010 χ^2/NDF : 102.2/65

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: 0.039 $\pm$ 0.024 χ^2 /NDF:32.8/16

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.009 $\pm$ 0.024 χ^2 /NDF:17.2/15

Left: 0.024 $\pm$ 0.017 χ^2 /NDF: 50.8/32

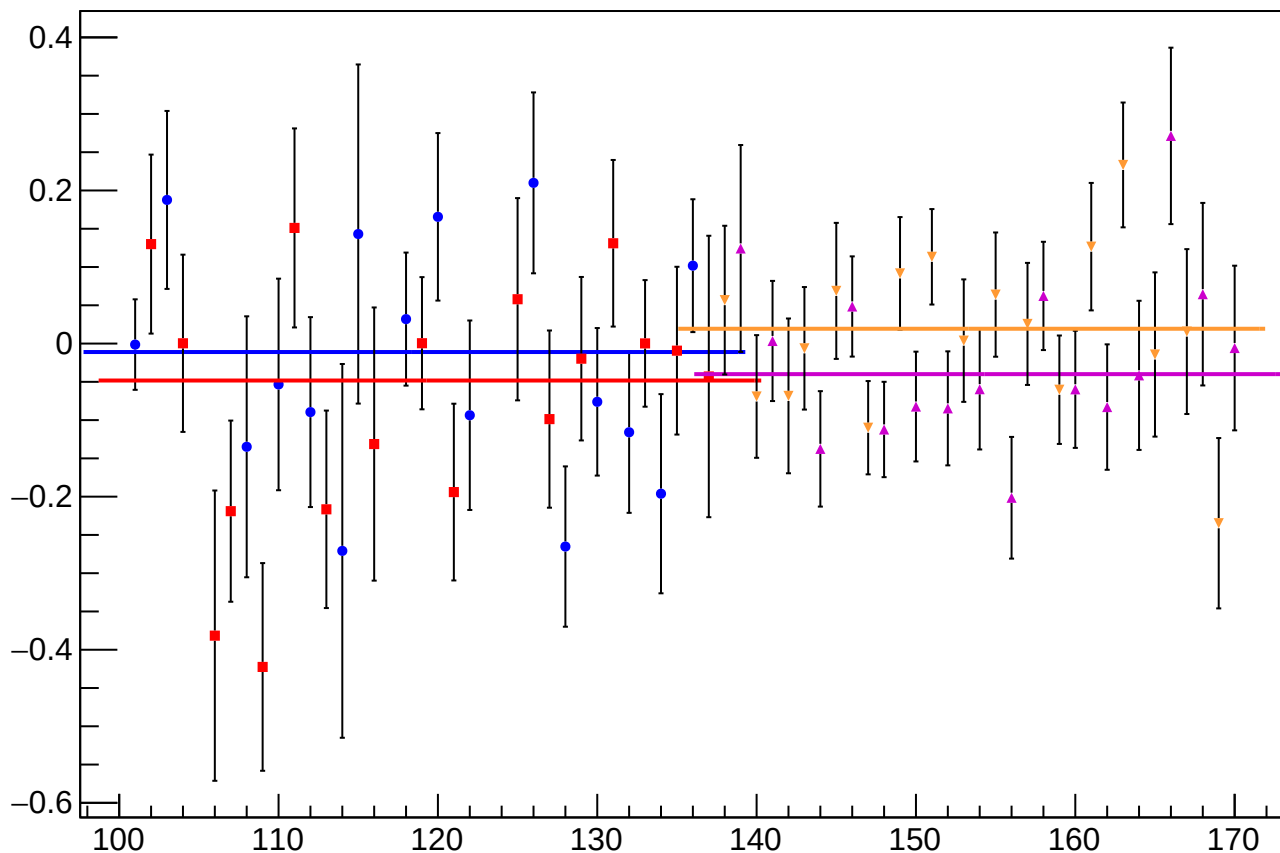
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.043 $\pm$ 0.021 χ^2 /NDF:56.4/31

Out: 0.073 $\pm$ 0.021 χ^2 /NDF:52.6/33

All: 0.058 $\pm$ 0.015 χ^2 /NDF: 110.1/65

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: 0.019 ± 0.020 χ^2/NDF : 25.7/16

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.040 ± 0.020 χ^2/NDF : 22.1/15

Left: -0.010 ± 0.014 χ^2/NDF : 52.2/32

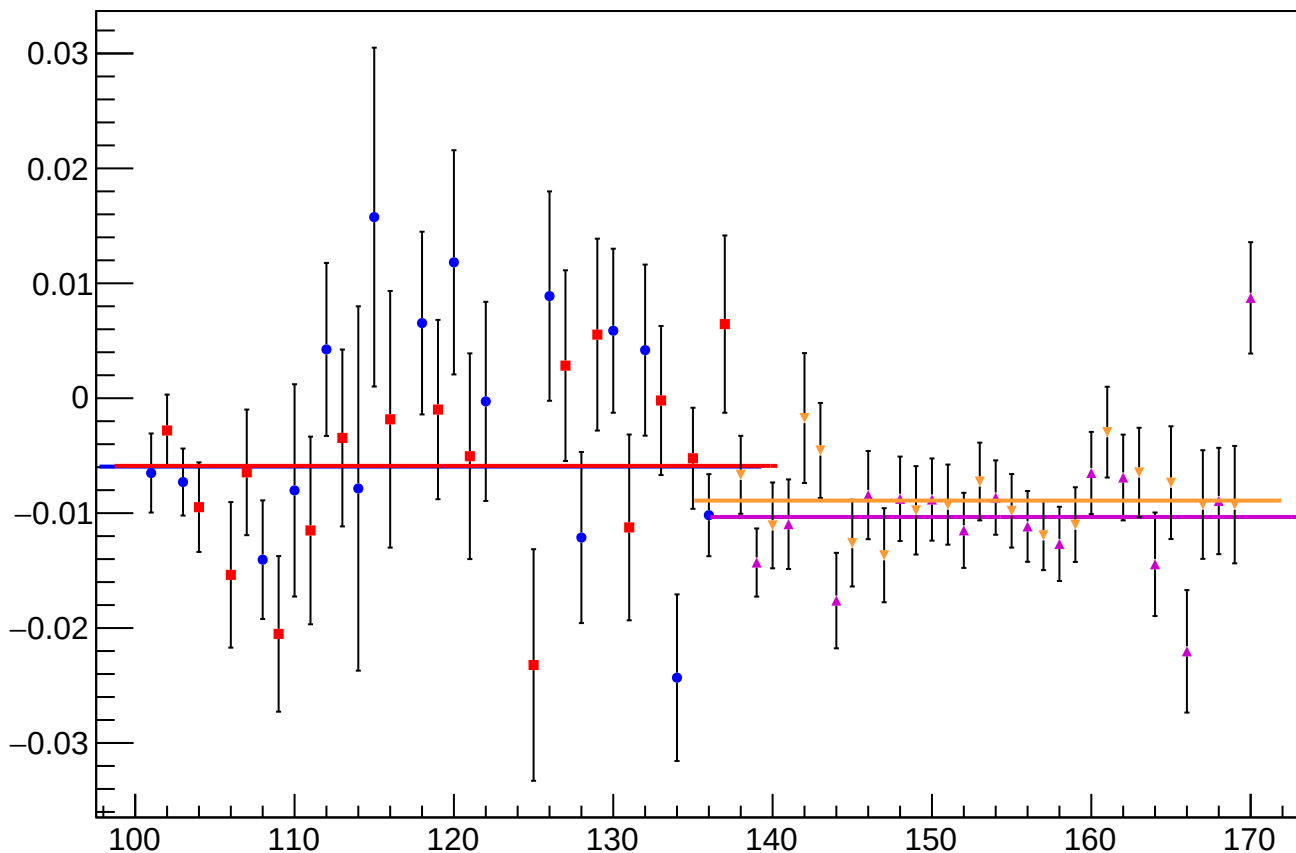
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.029 ± 0.016 χ^2/NDF : 46.3/31

Out: -0.002 ± 0.016 χ^2/NDF : 55.1/33

All: -0.016 ± 0.011 χ^2/NDF : 102.7/65

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 : 10.4/16

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

Left: -0.010 ± 0.001 χ^2/NDF : 41.3/32

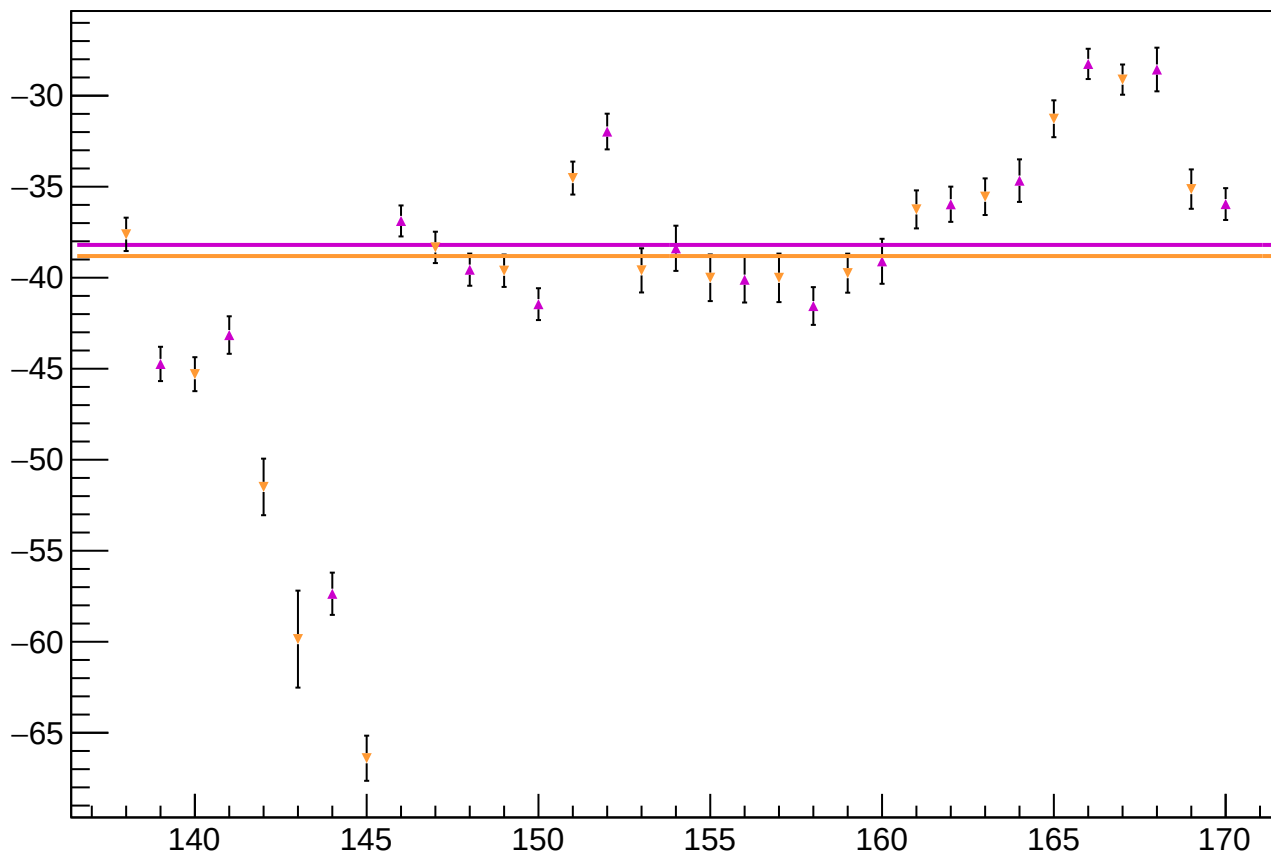
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 65.0/31

Out: -0.008 ± 0.001 χ^2/NDF : 33.0/33

All: -0.009 ± 0.001 χ^2/NDF : 98.8/65

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



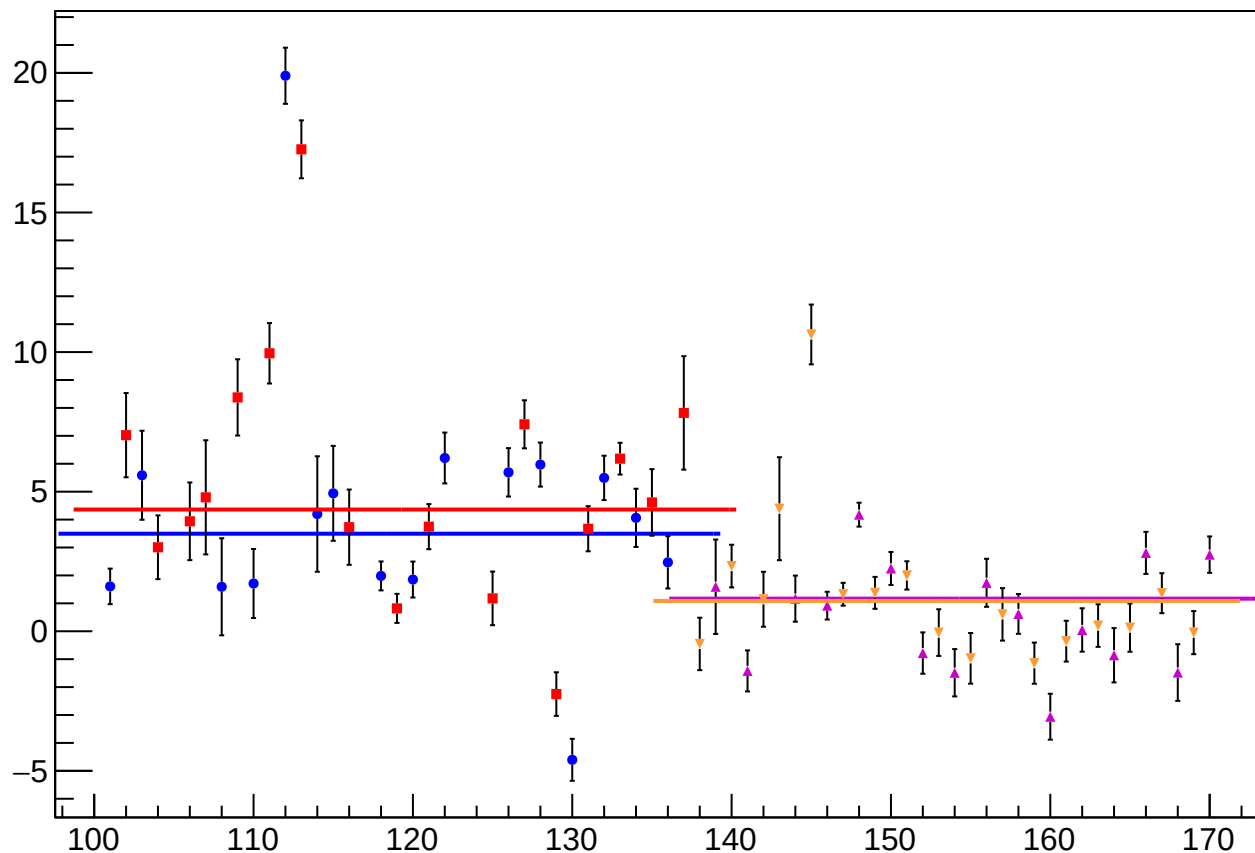
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -38.810 $\pm$ 0.256 χ^2 /NDF:920.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -38.199 $\pm$ 0.250 χ^2 /NDF:645.0/15

Left: -38.498 $\pm$ 0.179 χ^2 /NDF: 1568.6/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -38.199 $\pm$ 0.250 χ^2 /NDF:645.0/15
 Out: -38.810 $\pm$ 0.256 χ^2 /NDF:920.6/16

All: -38.498 $\pm$ 0.179 χ^2 /NDF: 1568.6/32

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: 1.086 $\pm$ 0.176 χ^2 /NDF:117.0/16

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.168 $\pm$ 0.177 χ^2 /NDF:133.3/15

Left: 1.127 $\pm$ 0.125 χ^2 /NDF: 250.3/32

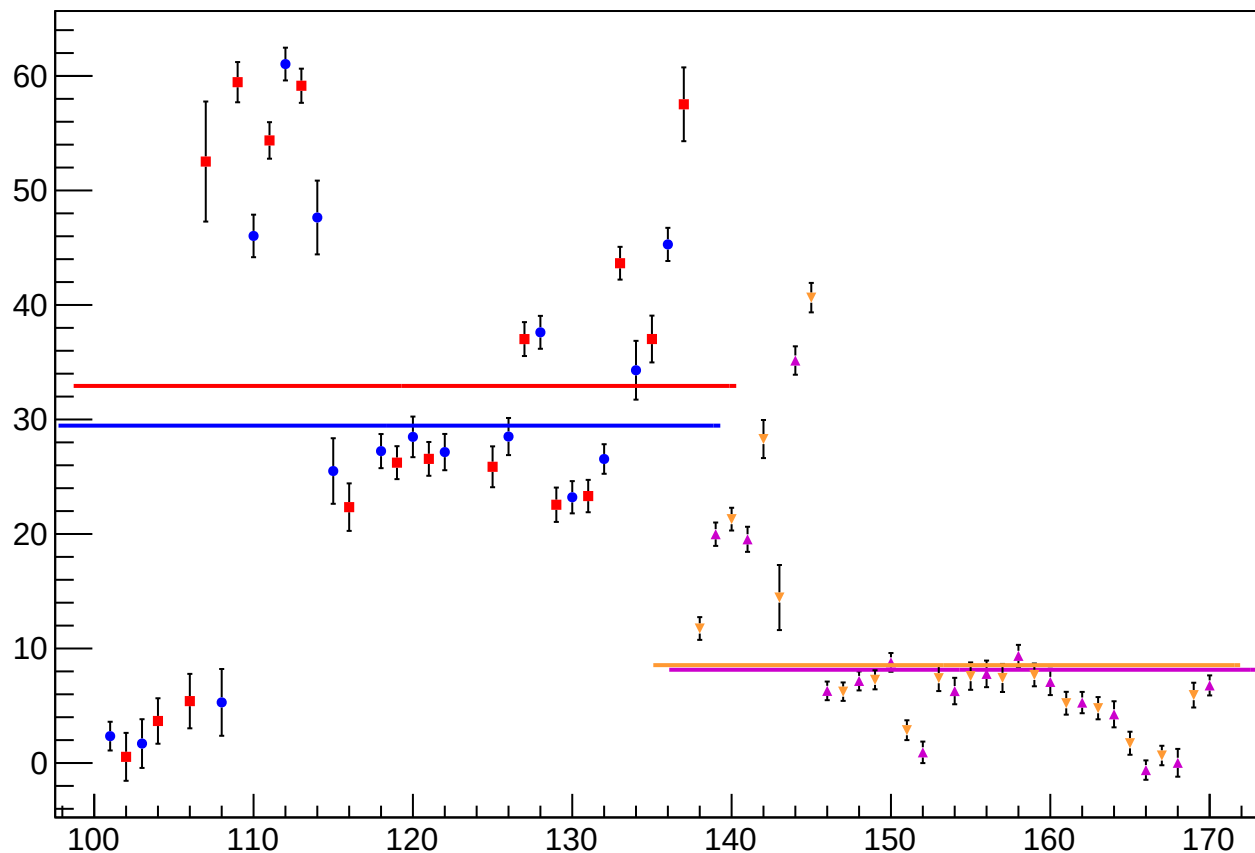
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.096 $\pm$ 0.137 χ^2 /NDF:646.8/31

Out: 2.329 $\pm$ 0.139 χ^2 /NDF:598.9/33

All: 2.211 $\pm$ 0.098 χ^2 /NDF: 1247.1/65

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: 8.547 $\pm$ 0.251 χ^2/NDF : 1164.0/16

Right Out: 32.930 $\pm$ 0.423 χ^2/NDF : 1624.4/16

Left In: 8.144 $\pm$ 0.245 χ^2/NDF : 962.9/15

Left: 8.341 $\pm$ 0.175 χ^2/NDF : 2128.2/32

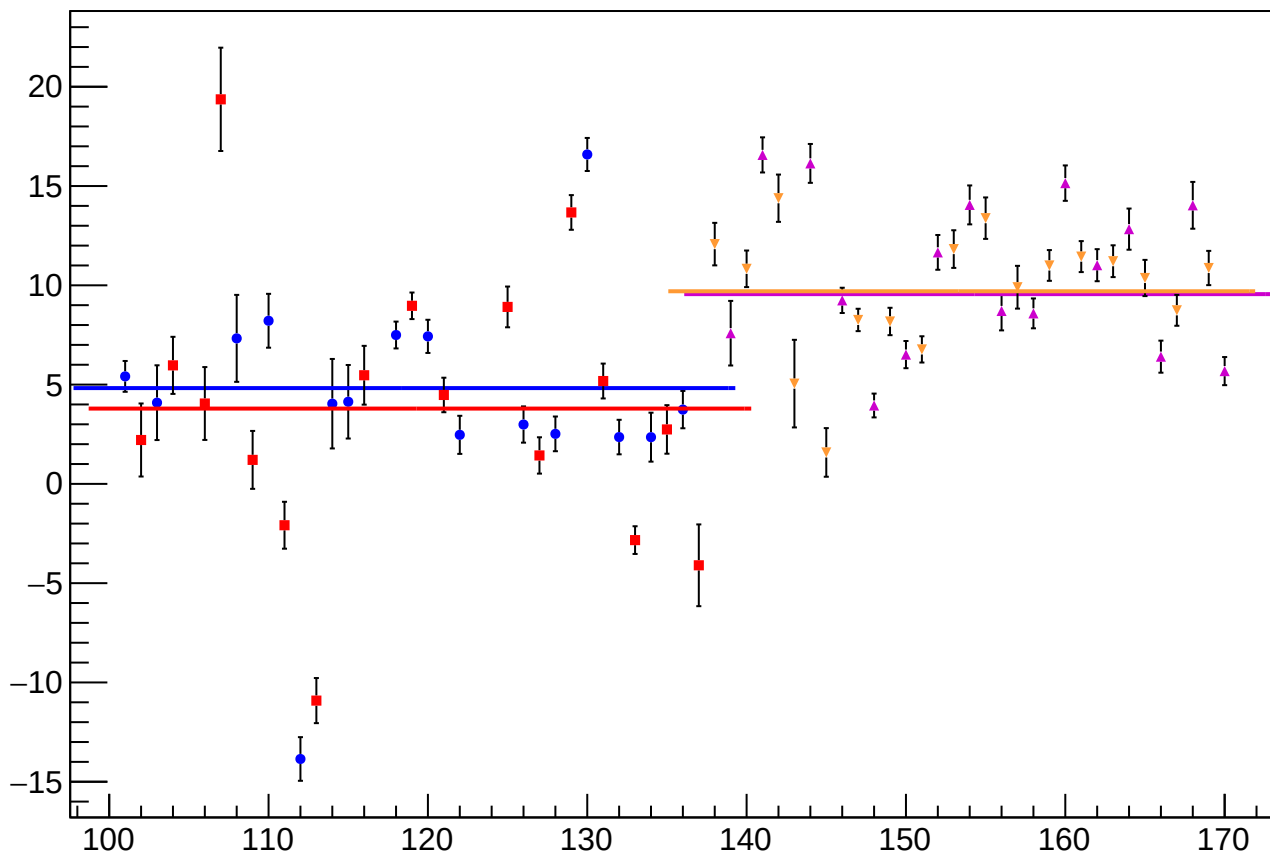
Right: 31.172 $\pm$ 0.297 χ^2/NDF : 3150.0/32

In: 13.600 $\pm$ 0.211 χ^2/NDF : 4394.5/31

Out: 14.878 $\pm$ 0.216 χ^2/NDF : 5242.5/33

All: 14.225 $\pm$ 0.151 χ^2/NDF : 9654.9/65

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: 9.700 ± 0.208 $\chi^2/\text{NDF}: 134.1/16$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.556 ± 0.208 $\chi^2/\text{NDF}: 358.3/15$

Left: 9.628 ± 0.147 $\chi^2/\text{NDF}: 492.7/32$

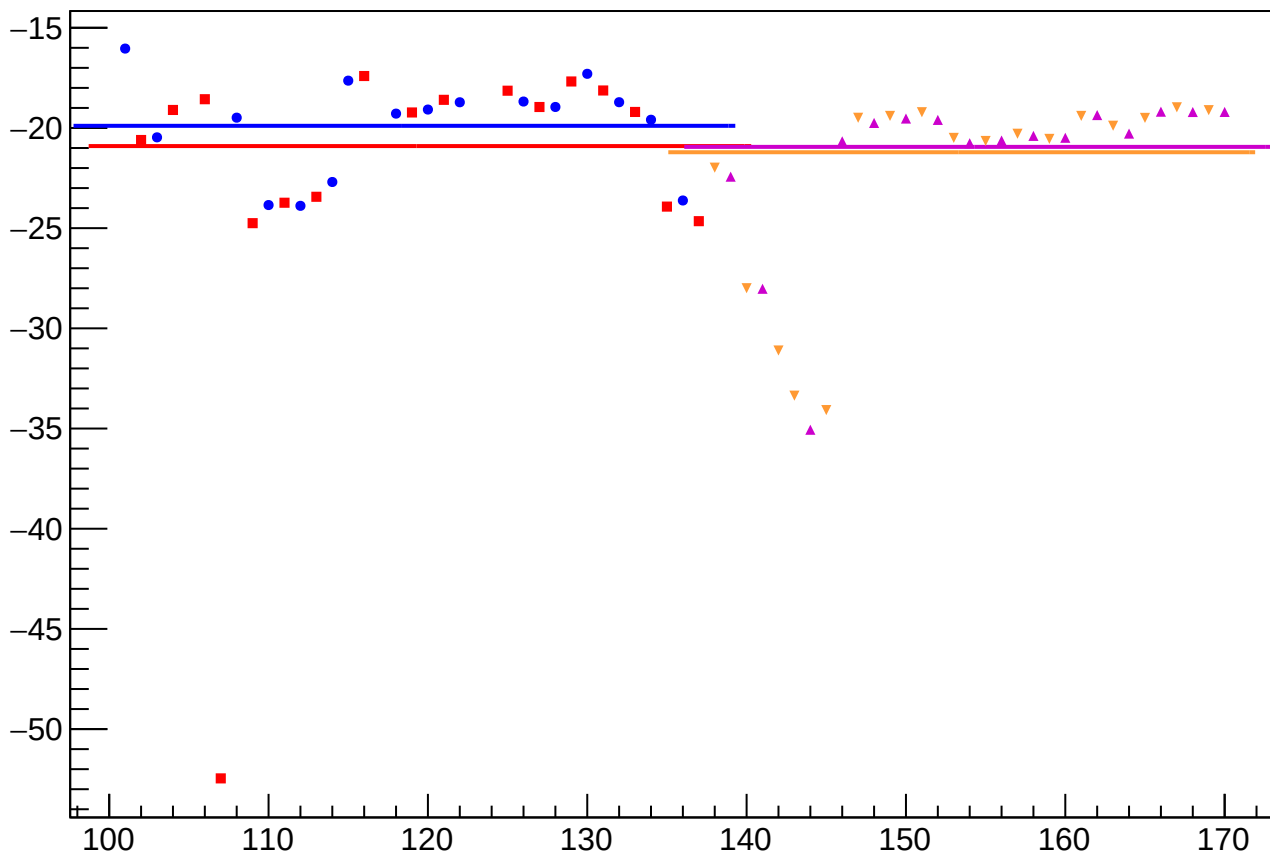
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.641 ± 0.160 $\chi^2/\text{NDF}: 1121.7/31$

Out: 7.384 ± 0.162 $\chi^2/\text{NDF}: 1014.2/33$

All: 7.514 ± 0.114 $\chi^2/\text{NDF}: 2137.2/65$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -21.211 $\pm$ 0.010 χ^2 /NDF:142926.9/16

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -20.943 $\pm$ 0.010 χ^2 /NDF:107717.6/15

Left: -21.073 $\pm$ 0.007 χ^2 /NDF: 251017.0/32

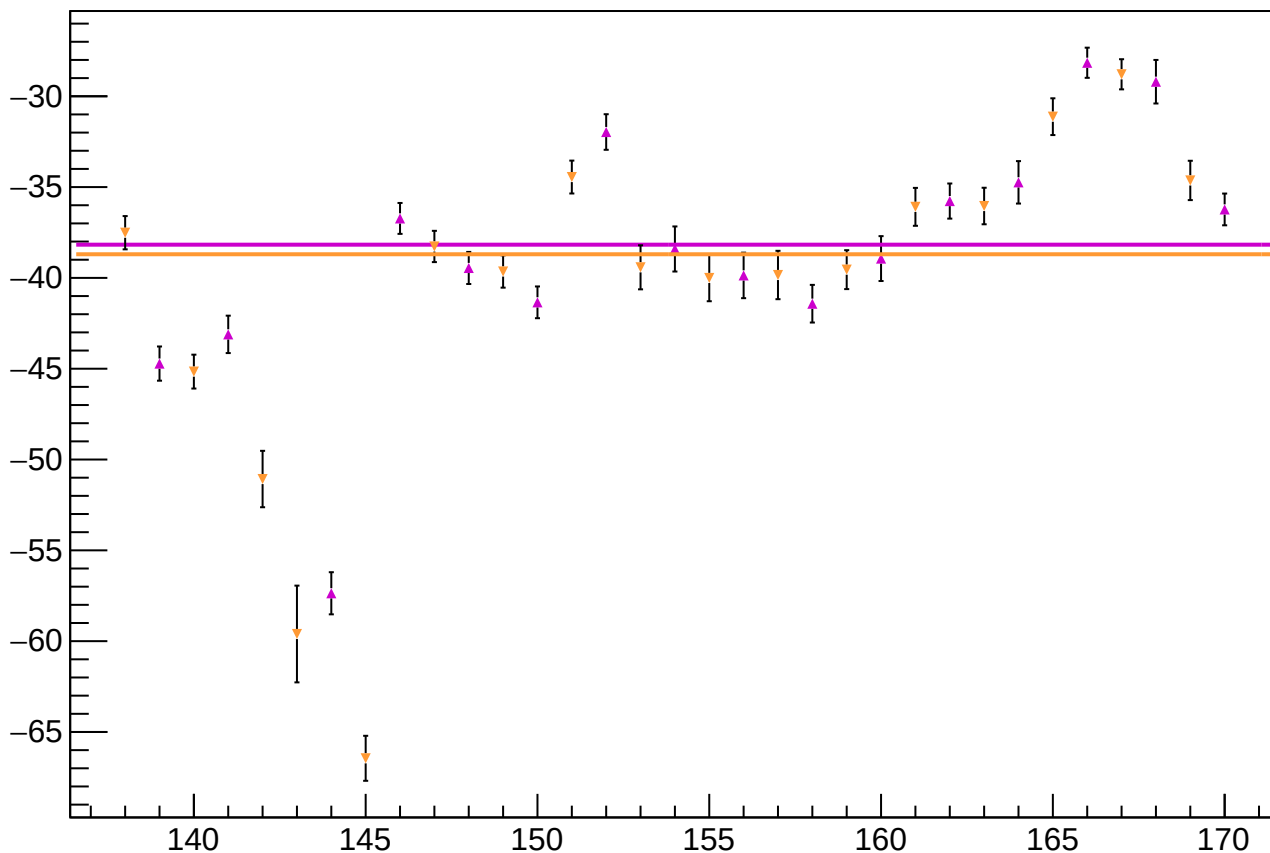
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -20.651 $\pm$ 0.008 χ^2 /NDF:137090.6/31

Out: -21.123 $\pm$ 0.008 χ^2 /NDF:236002.3/33

All: -20.881 $\pm$ 0.006 χ^2 /NDF: 374702.5/65

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



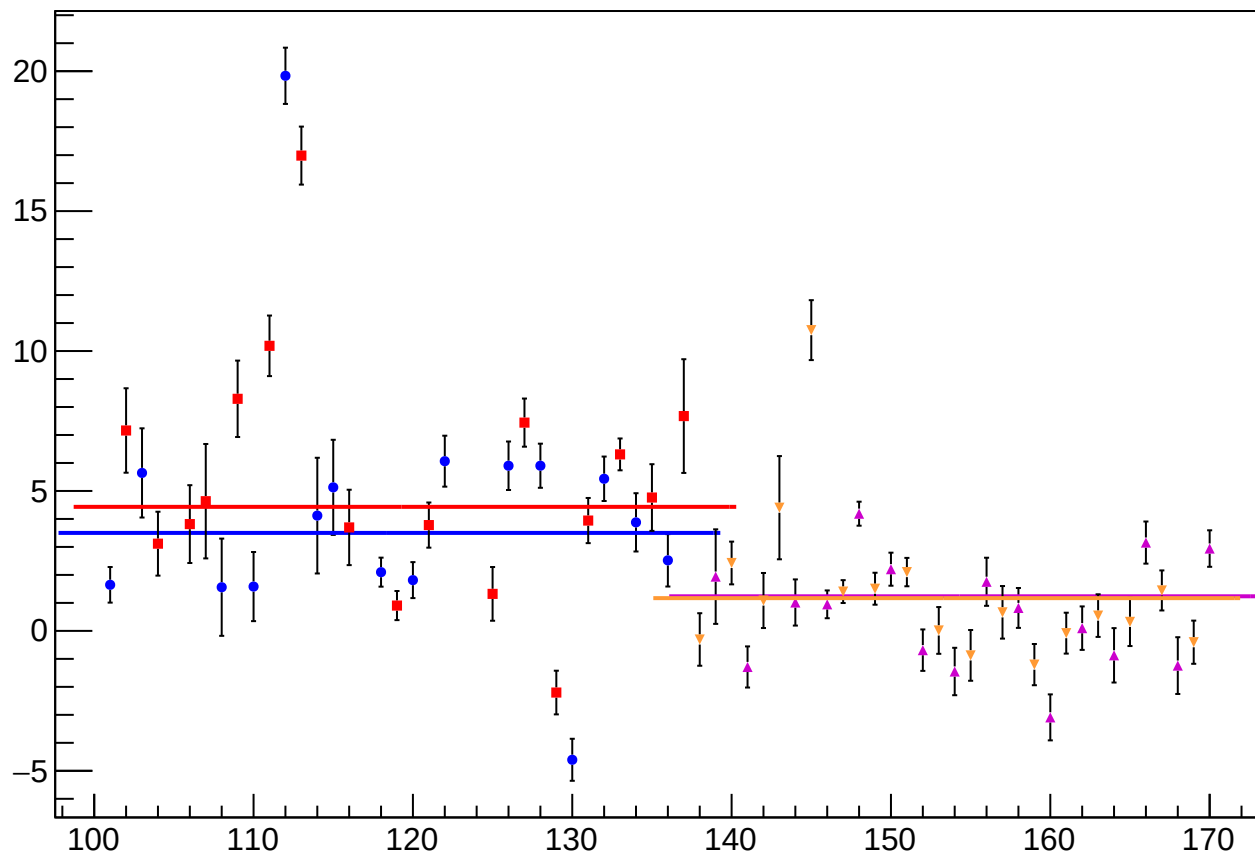
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.699+/-0.256 χ^2/NDF : 928.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.171+/-0.250 χ^2/NDF : 636.8/15

Left: -38.429+/-0.179 χ^2/NDF : 1567.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.171+/-0.250 χ^2/NDF : 636.8/15
 Out: -38.699+/-0.256 χ^2/NDF : 928.8/16

All: -38.429+/-0.179 χ^2/NDF : 1567.8/32

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.170 $\pm$ 0.176 χ^2 /NDF:118.9/16

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 1.236 $\pm$ 0.177 χ^2 /NDF:133.9/15

Left: 1.203 $\pm$ 0.125 χ^2 /NDF: 252.8/32

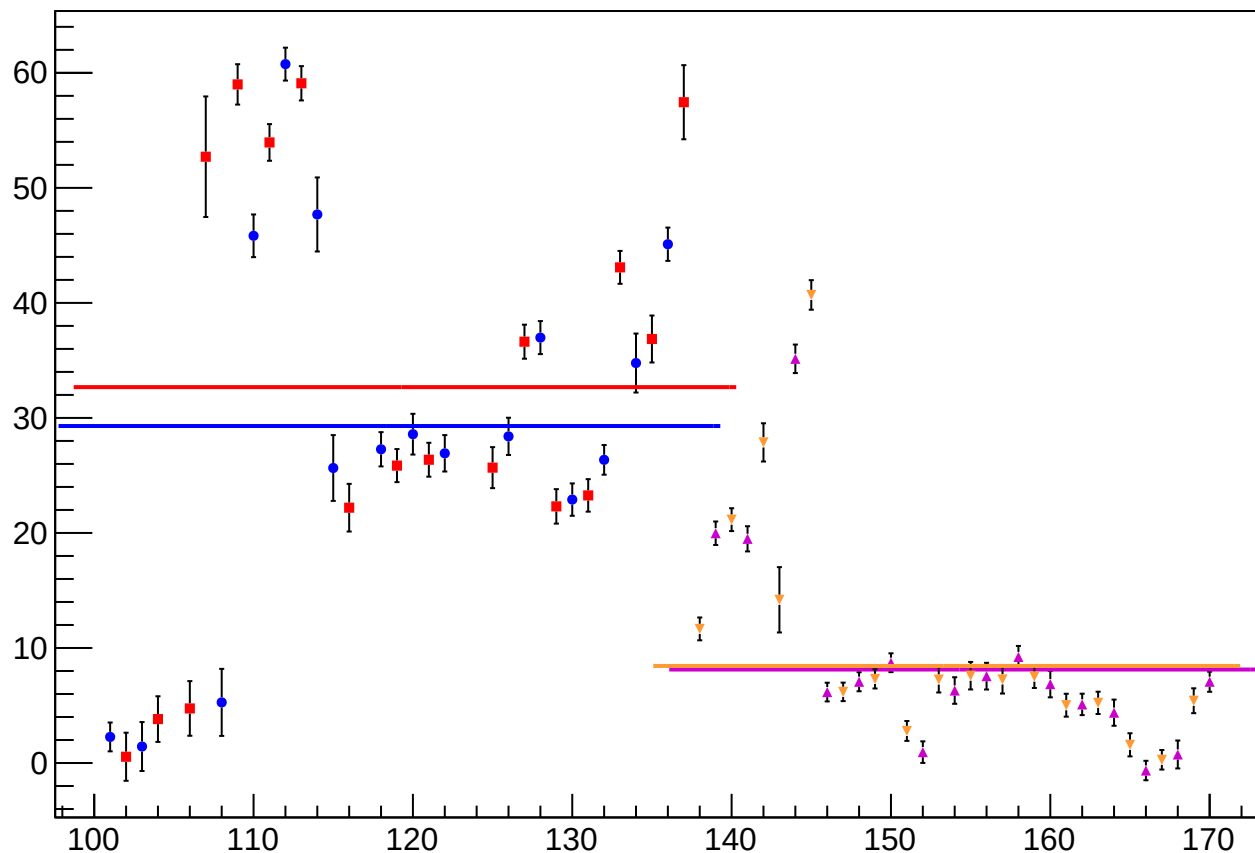
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.140 $\pm$ 0.137 χ^2 /NDF:641.0/31

Out: 2.409 $\pm$ 0.139 χ^2 /NDF:592.6/33

All: 2.273 $\pm$ 0.098 χ^2 /NDF: 1235.5/65

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: 8.438 $\pm$ 0.251 χ^2/NDF : 1170.0/16

Right Out: 32.679 $\pm$ 0.423 χ^2/NDF : 1614.8/16

Left In: 8.127 $\pm$ 0.245 χ^2/NDF : 956.7/15

Left: 8.279 $\pm$ 0.175 χ^2/NDF : 2127.5/32

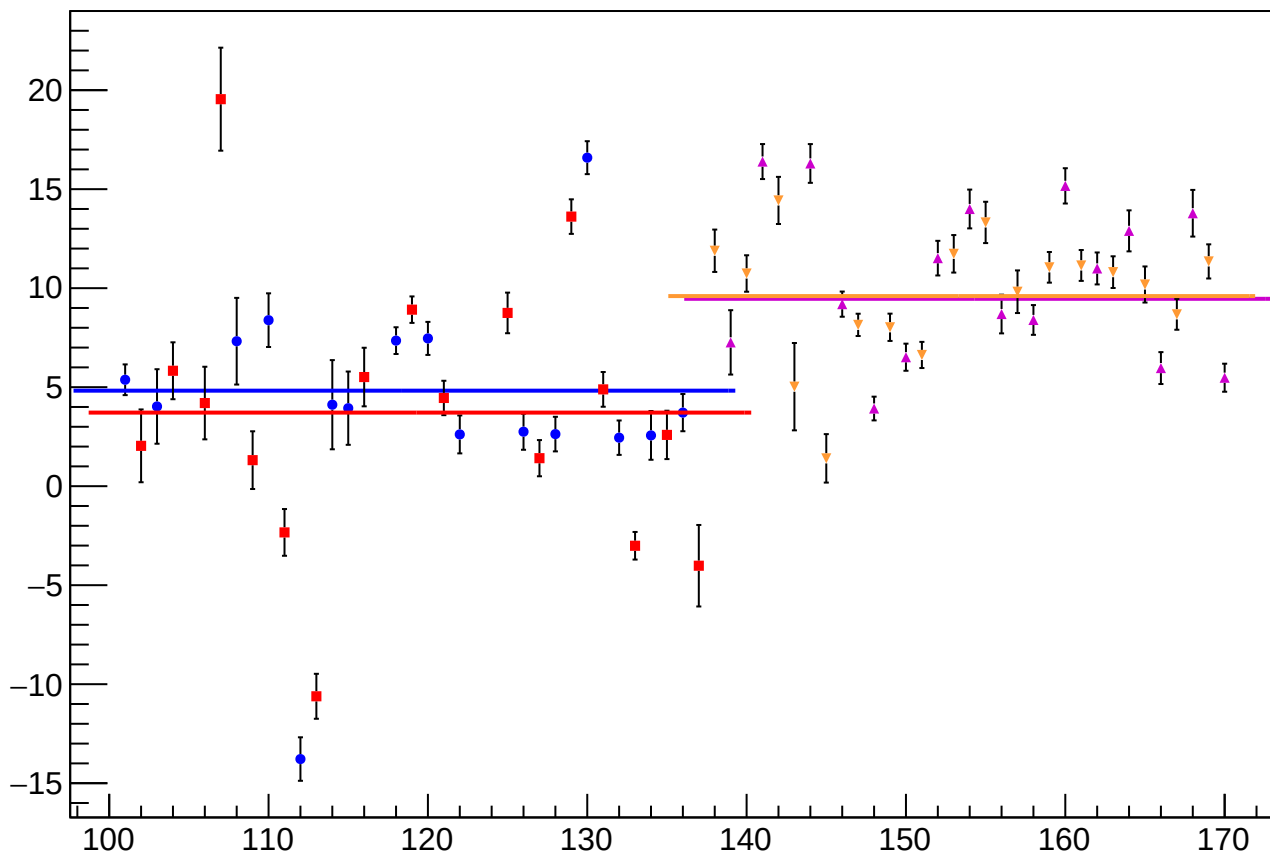
Right: 30.964 $\pm$ 0.297 χ^2/NDF : 3132.4/32

In: 13.545 $\pm$ 0.211 χ^2/NDF : 4357.4/31

Out: 14.733 $\pm$ 0.216 χ^2/NDF : 5213.7/33

All: 14.126 $\pm$ 0.151 χ^2/NDF : 9586.6/65

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.601 ± 0.208 χ^2/NDF : 137.4/16

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.463 ± 0.207 χ^2/NDF : 365.5/15

Left: 9.532 ± 0.147 χ^2/NDF : 503.1/32

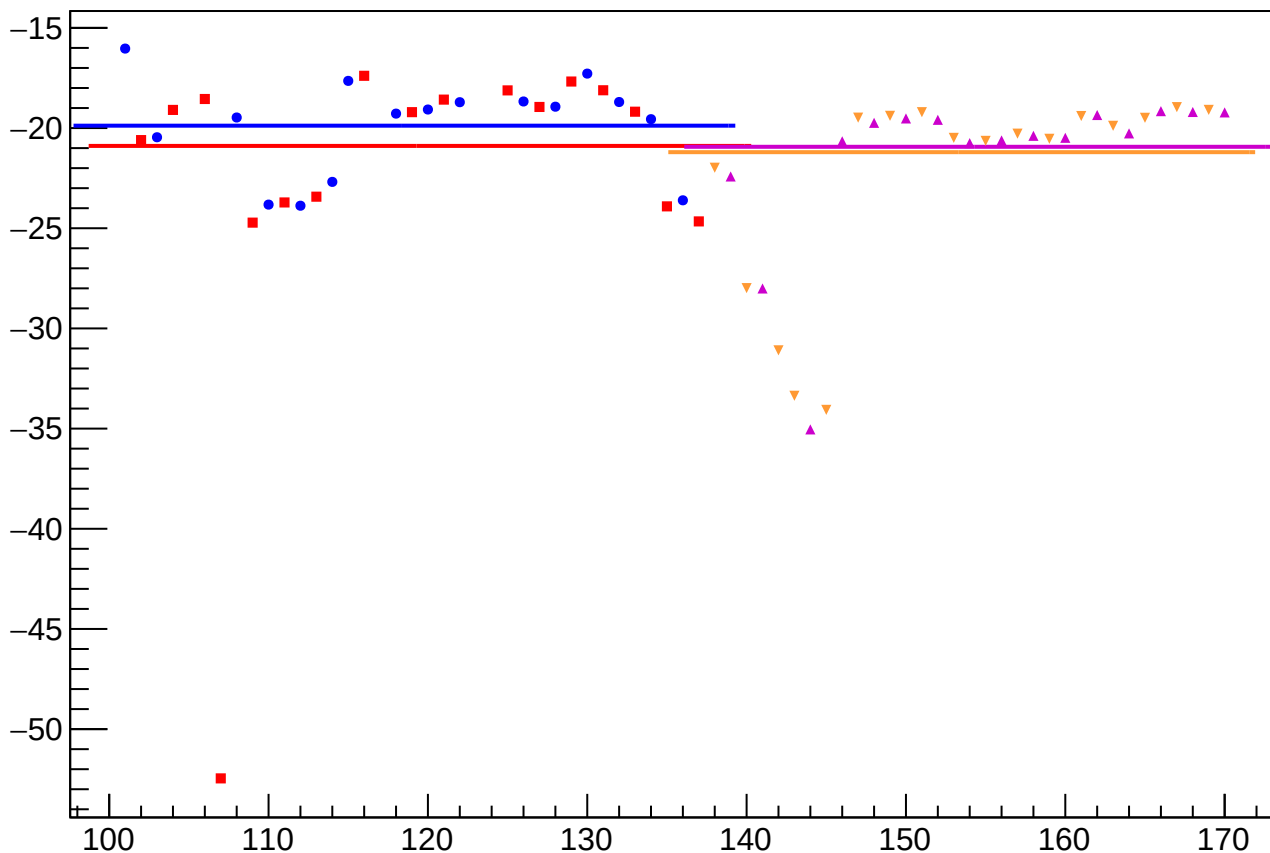
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.585 ± 0.160 χ^2/NDF : 1117.2/31

Out: 7.294 ± 0.162 χ^2/NDF : 1011.7/33

All: 7.441 ± 0.114 χ^2/NDF : 2130.5/65

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -21.203 ± 0.010 $\chi^2/\text{NDF}: 143057.1/16$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -20.934 ± 0.010 $\chi^2/\text{NDF}: 107614.7/15$

Left: -21.064 ± 0.007 $\chi^2/\text{NDF}: 251045.5/32$

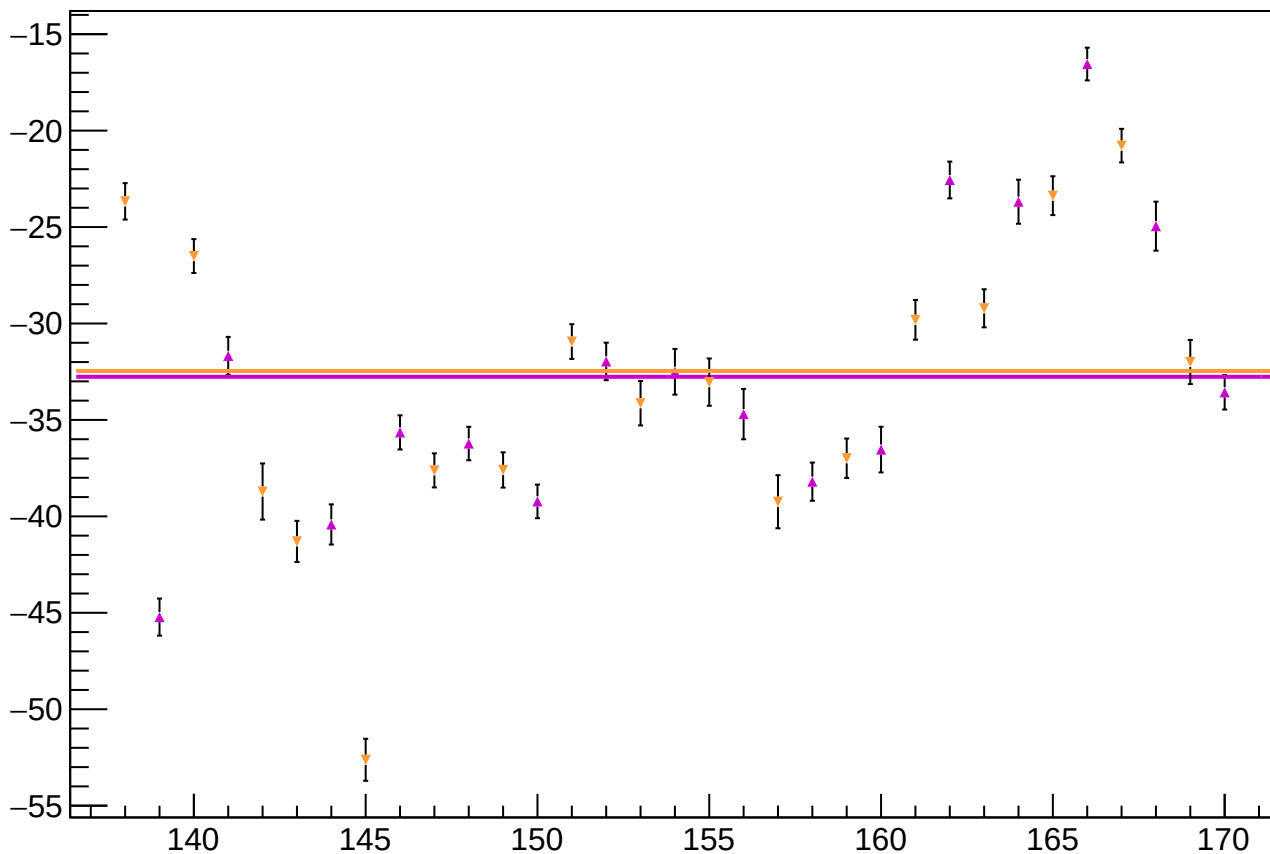
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.641 ± 0.008 $\chi^2/\text{NDF}: 137001.2/31$

Out: -21.113 ± 0.008 $\chi^2/\text{NDF}: 236251.7/33$

All: -20.871 ± 0.006 $\chi^2/\text{NDF}: 374863.5/65$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



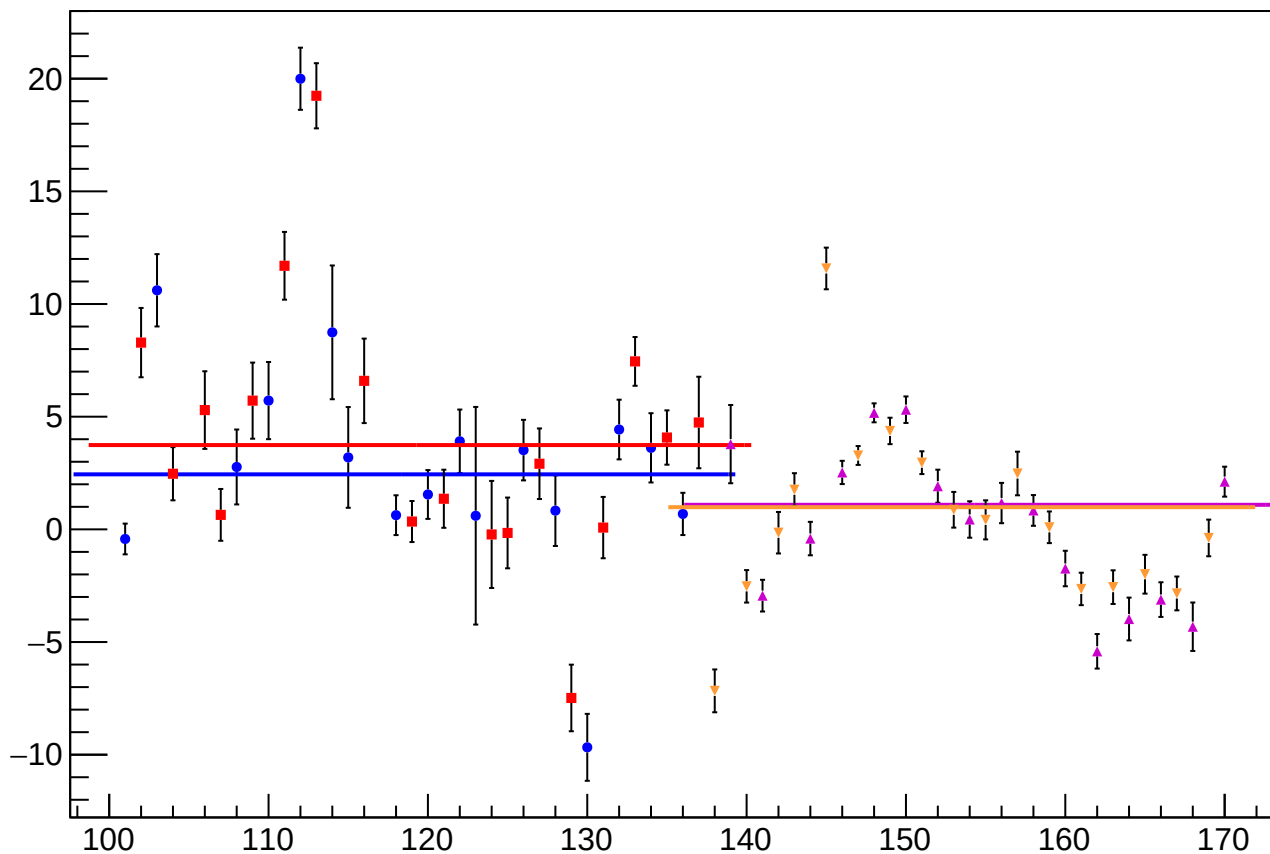
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.461+/-0.248 χ^2/NDF : 956.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.763+/-0.249 χ^2/NDF : 929.0/15

Left: -32.611+/-0.176 χ^2/NDF : 1886.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.763+/-0.249 χ^2/NDF : 929.0/15
 Out: -32.461+/-0.248 χ^2/NDF : 956.4/16

All: -32.611+/-0.176 χ^2/NDF : 1886.1/32

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.984 ± 0.171 $\chi^2/\text{NDF}: 403.1/16$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 1.090 ± 0.175 $\chi^2/\text{NDF}: 365.6/15$

Left: 1.036 ± 0.122 $\chi^2/\text{NDF}: 768.9/32$

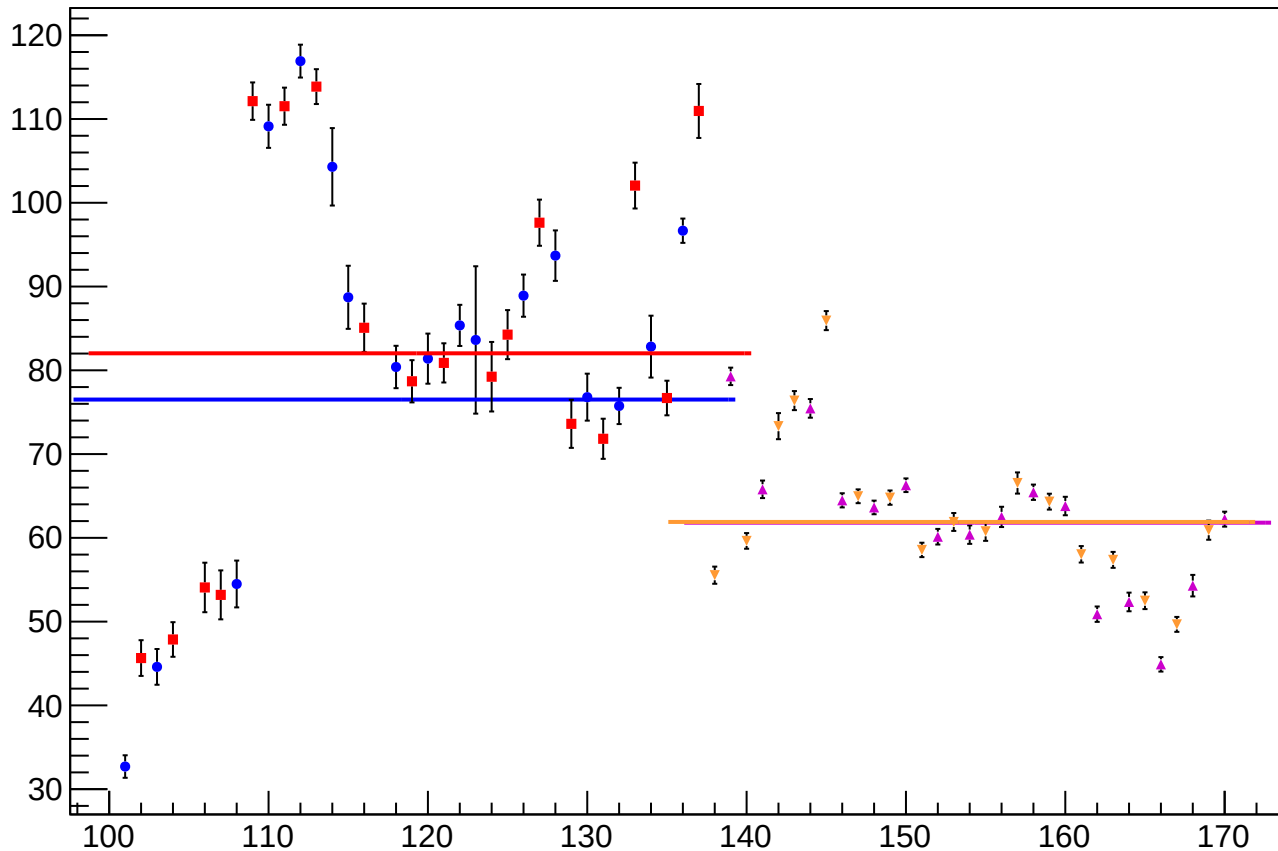
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 1.415 ± 0.153 $\chi^2/\text{NDF}: 674.6/32$

Out: 1.577 ± 0.152 $\chi^2/\text{NDF}: 727.1/34$

All: 1.497 ± 0.108 $\chi^2/\text{NDF}: 1402.3/67$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2 /NDF: 2250.9/16

Left Out: 61.899+/-0.244 χ^2 /NDF:1084.0/16

Right Out: 82.029+/-0.593 χ^2 /NDF: 1548.0/17

Left In: 61.810+/-0.243 χ^2 /NDF:1146.4/15

Left: 61.854+/-0.172 χ^2 /NDF: 2230.5/32

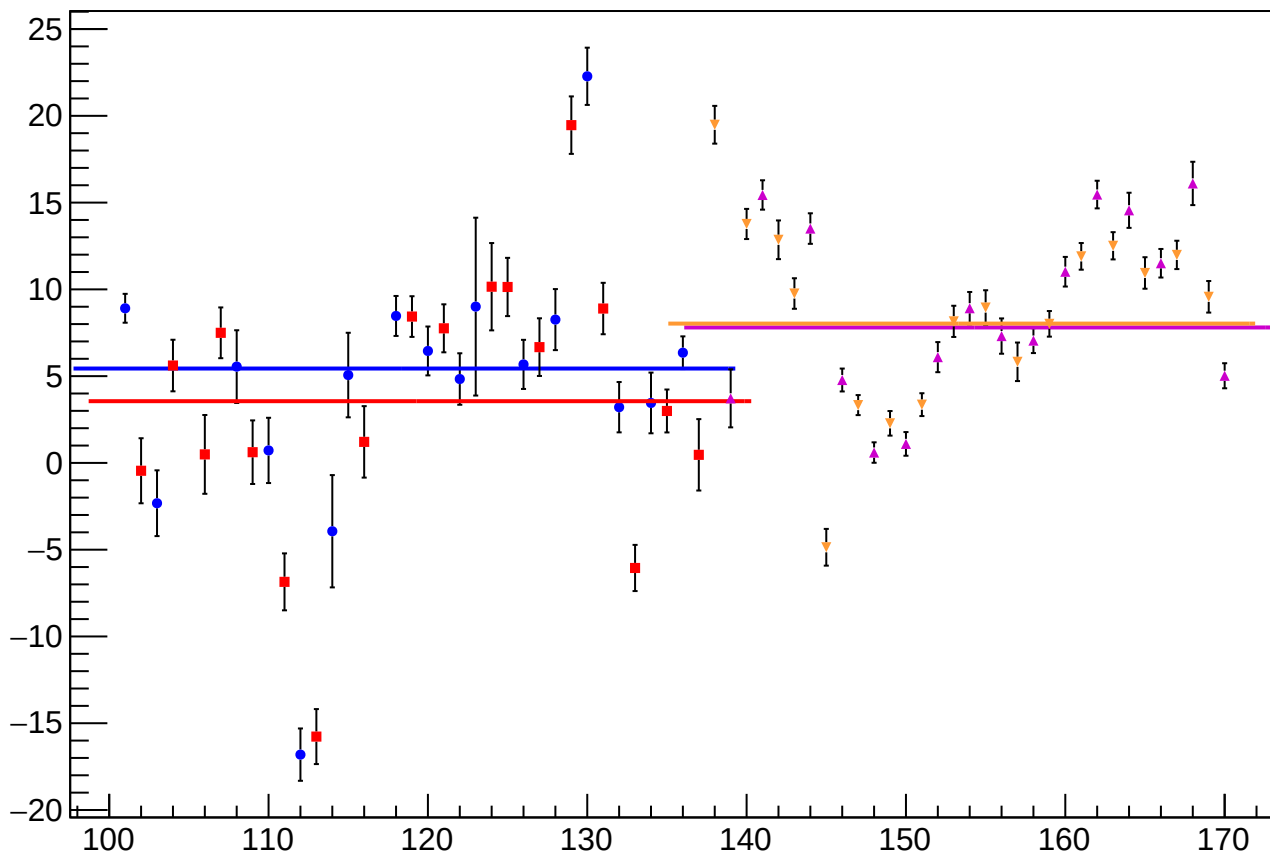
Right: 79.182+/-0.412 χ^2 /NDF: 3843.6/34

In: 64.045+/-0.224 χ^2 /NDF:3953.1/32

Out: 64.818+/-0.226 χ^2 /NDF:3618.6/34

All: 64.428+/-0.159 χ^2 /NDF: 7577.6/67

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 8.028 ± 0.202 $\chi^2/\text{NDF}: 607.5/16$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 7.805 ± 0.205 $\chi^2/\text{NDF}: 633.9/15$

Left: 7.919 ± 0.144 $\chi^2/\text{NDF}: 1241.9/32$

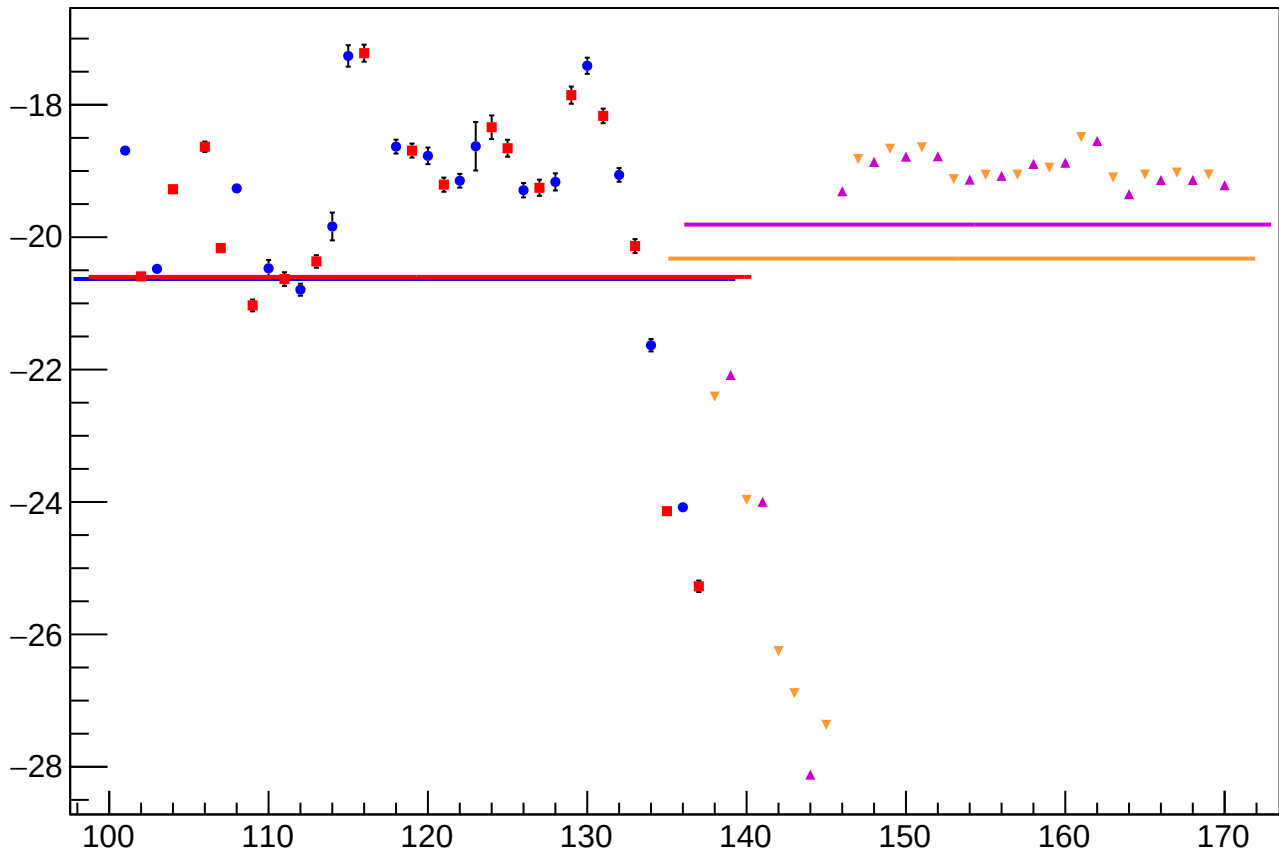
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 7.219 ± 0.178 $\chi^2/\text{NDF}: 1052.9/32$

Out: 7.026 ± 0.178 $\chi^2/\text{NDF}: 1138.3/34$

All: 7.122 ± 0.126 $\chi^2/\text{NDF}: 2191.8/67$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.324+/-0.010 χ^2/NDF : 81438.8/16

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -19.810+/-0.010 χ^2/NDF : 49255.8/15

Left: -20.064+/-0.007 χ^2/NDF : 132109.6/32

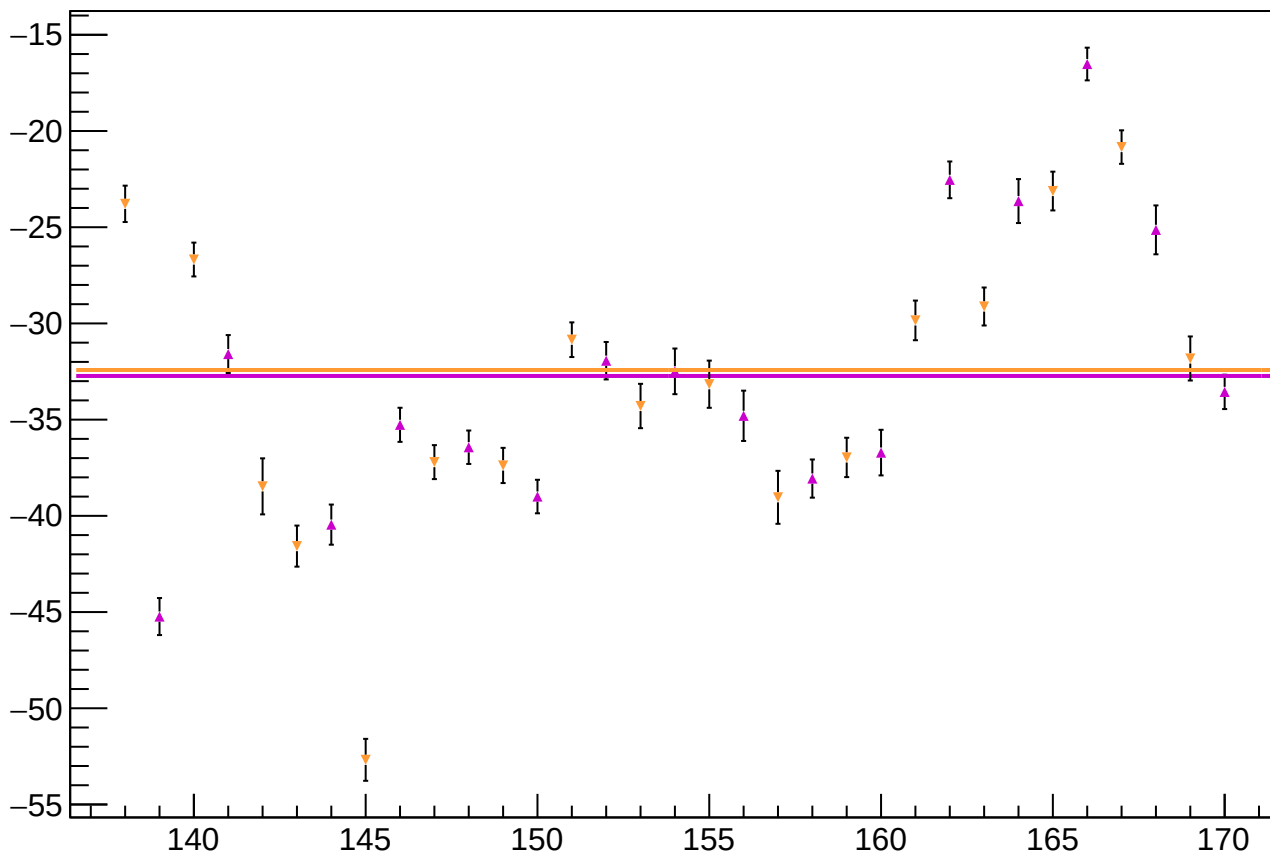
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -19.973+/-0.009 χ^2/NDF : 63209.8/32

Out: -20.379+/-0.009 χ^2/NDF : 93574.3/34

All: -20.174+/-0.006 χ^2/NDF : 157884.5/67

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



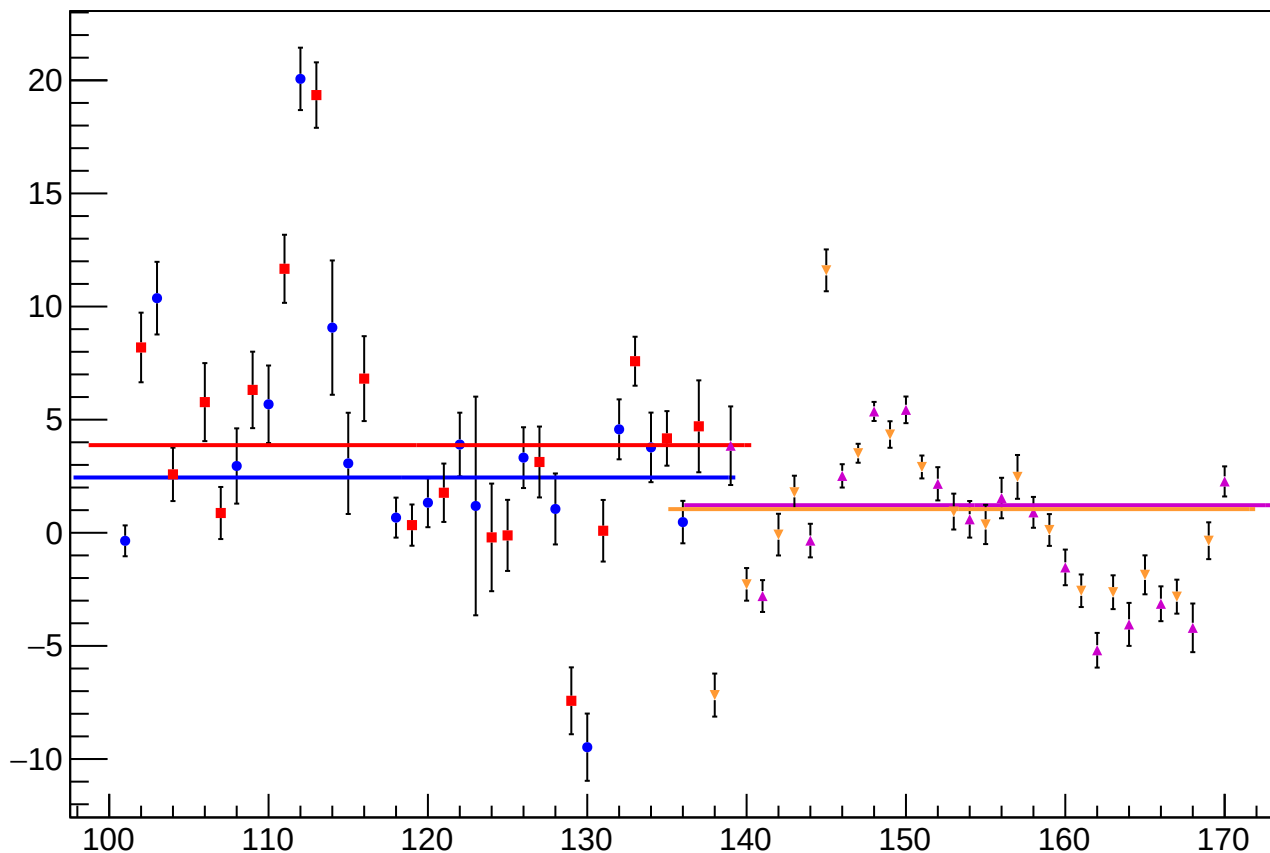
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.421+/-0.248 χ^2/NDF :950.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.730+/-0.249 χ^2/NDF :924.6/15

Left: -32.575+/-0.176 χ^2/NDF : 1875.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.730+/-0.249 χ^2/NDF :924.6/15
 Out: -32.421+/-0.248 χ^2/NDF :950.2/16

All: -32.575+/-0.176 χ^2/NDF : 1875.5/32

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: 1.046 ± 0.171 χ^2/NDF : 403.3/16

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 1.219 ± 0.176 χ^2/NDF : 369.0/15

Left: 1.130 ± 0.123 χ^2/NDF : 772.8/32

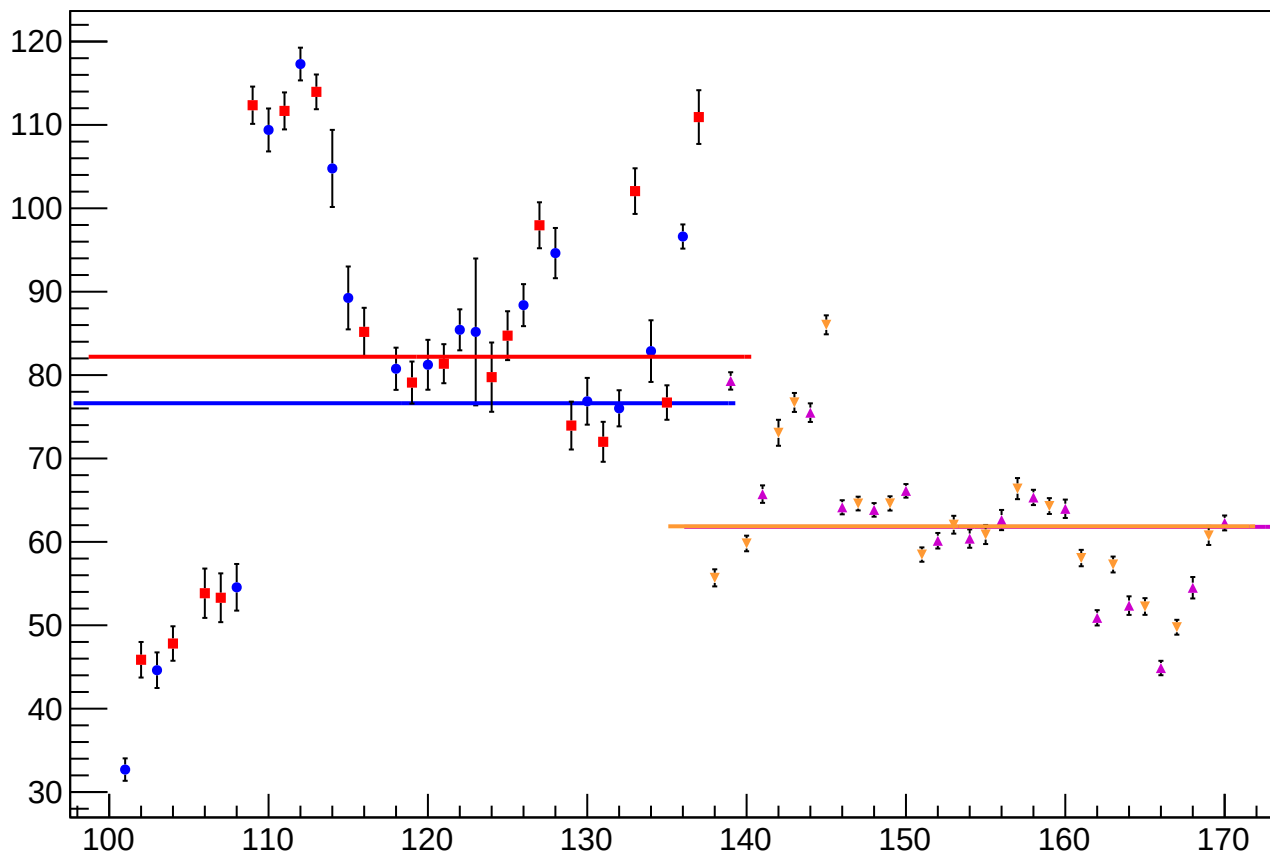
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.514 ± 0.153 χ^2/NDF : 673.4/32

Out: 1.655 ± 0.152 χ^2/NDF : 730.4/34

All: 1.585 ± 0.108 χ^2/NDF : 1404.2/67

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: 61.866 $\pm$ 0.244 χ^2 /NDF:1086.5/16

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 61.802 $\pm$ 0.243 χ^2 /NDF:1141.3/15

Left: 61.834 $\pm$ 0.172 χ^2 /NDF: 2227.9/32

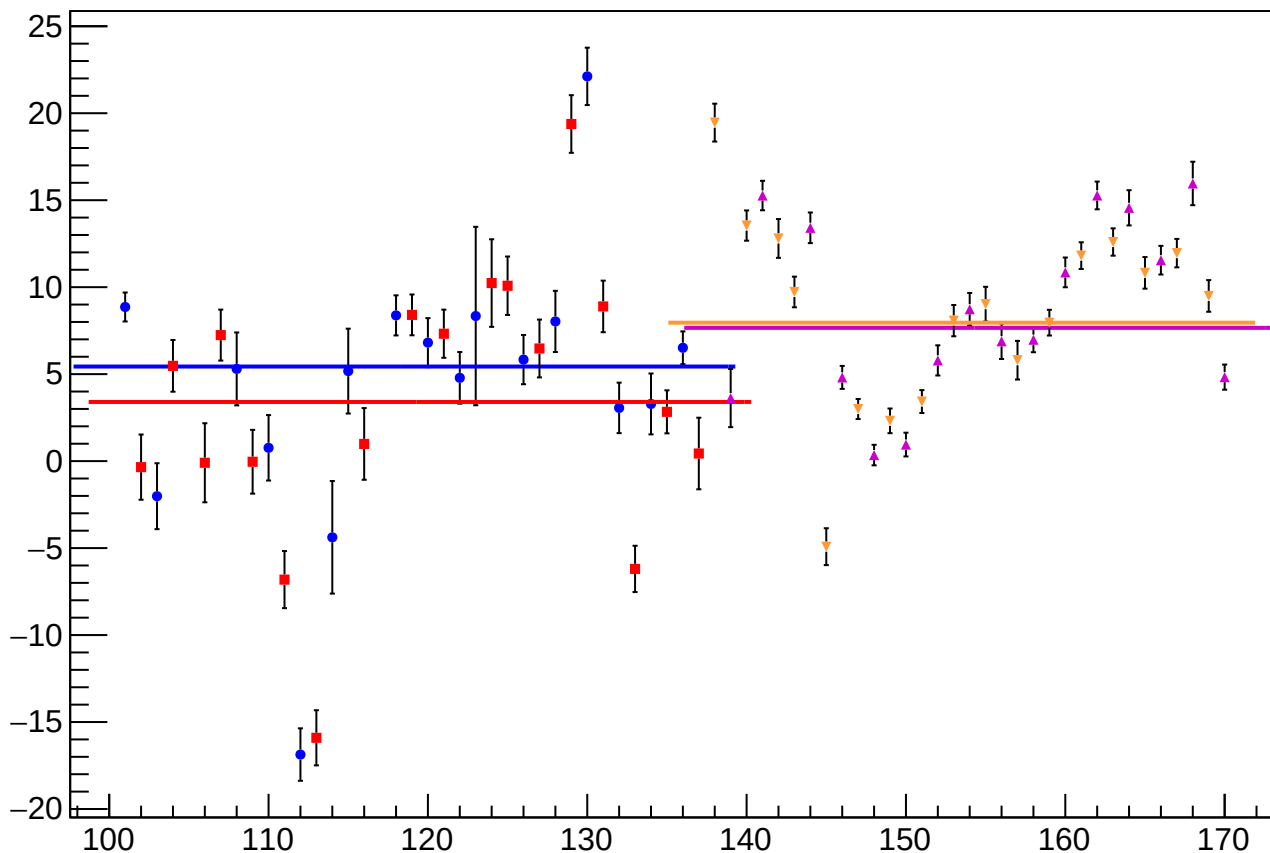
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 64.056 $\pm$ 0.224 χ^2 /NDF:3968.8/32

Out: 64.815 $\pm$ 0.226 χ^2 /NDF:3642.3/34

All: 64.433 $\pm$ 0.159 χ^2 /NDF: 7616.8/67

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 7.959 $\pm$ 0.202 χ^2/NDF : 610.0/16

Right Out: 3.401 $\pm$ 0.375 χ^2/NDF : 420.9/17

Left In: 7.661 $\pm$ 0.206 χ^2/NDF : 639.2/15

Left: 7.812 $\pm$ 0.144 χ^2/NDF : 1250.3/32

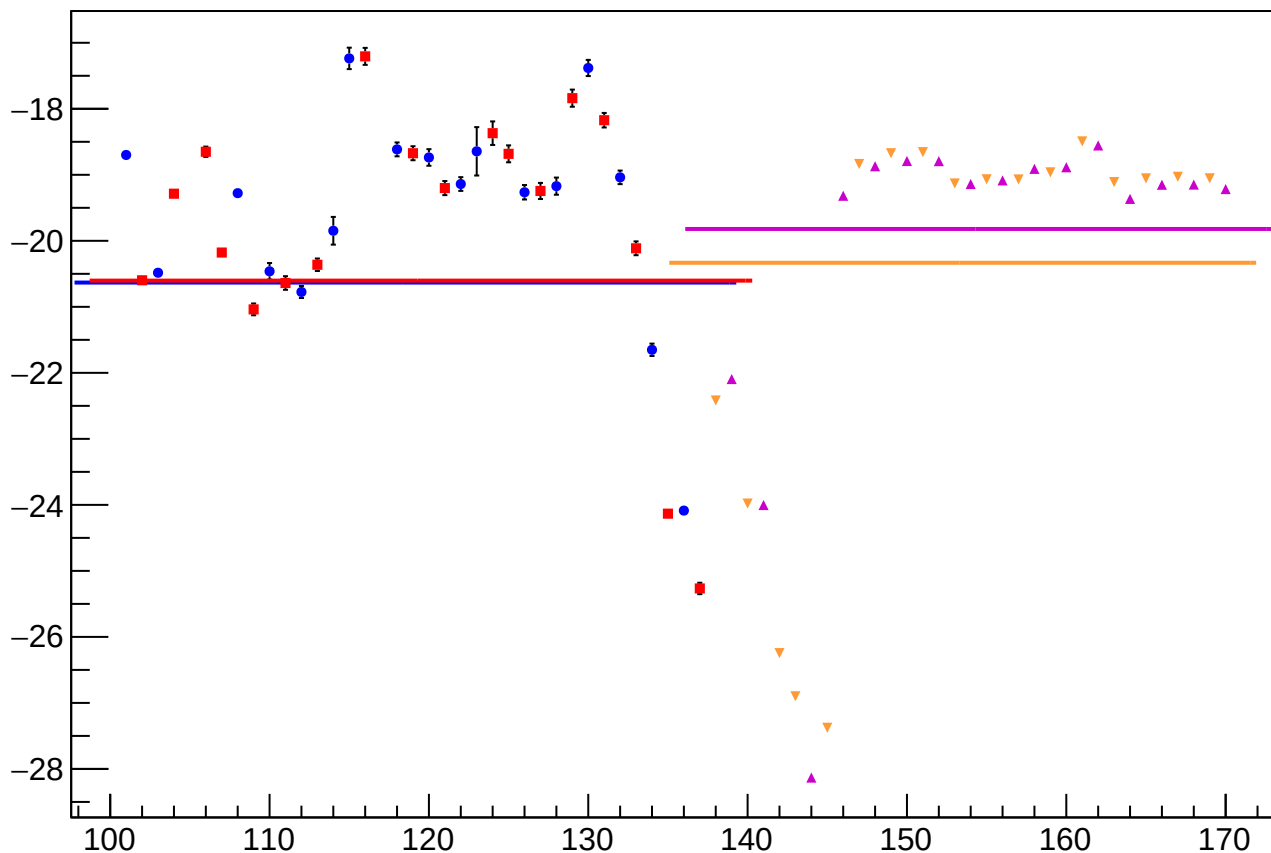
Right: 4.467 $\pm$ 0.259 χ^2/NDF : 820.8/34

In: 7.110 $\pm$ 0.178 χ^2/NDF : 1052.7/32

Out: 6.937 $\pm$ 0.178 χ^2/NDF : 1145.2/34

All: 7.023 $\pm$ 0.126 χ^2/NDF : 2198.4/67

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -20.333 $\pm$ 0.010 χ^2 /NDF: 81323.7/16

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -19.820 $\pm$ 0.010 χ^2 /NDF: 49193.3/15

Left: -20.074 $\pm$ 0.007 χ^2 /NDF: 131922.0/32

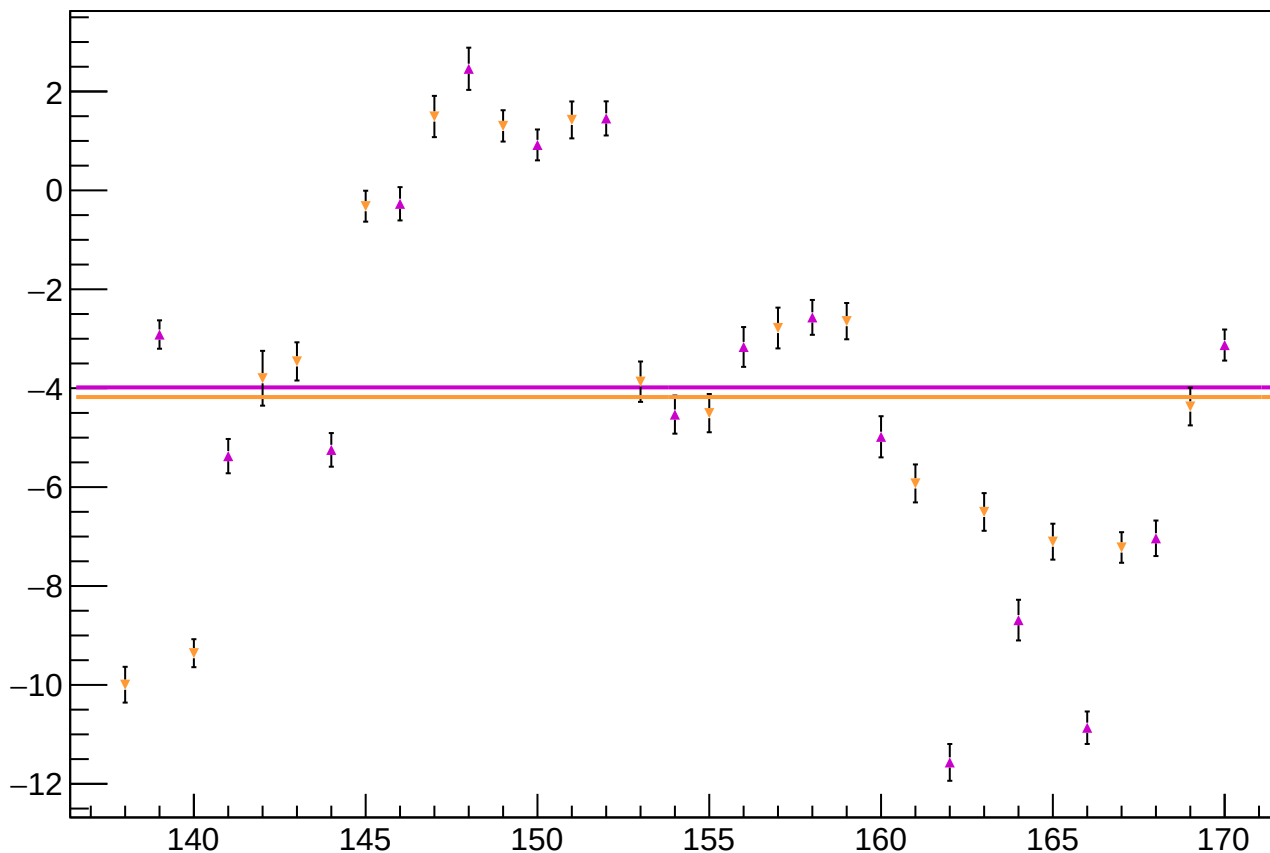
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -19.982 $\pm$ 0.009 χ^2 /NDF: 63153.7/32

Out: -20.386 $\pm$ 0.009 χ^2 /NDF: 93404.0/34

All: -20.182 $\pm$ 0.006 χ^2 /NDF: 157652.3/67

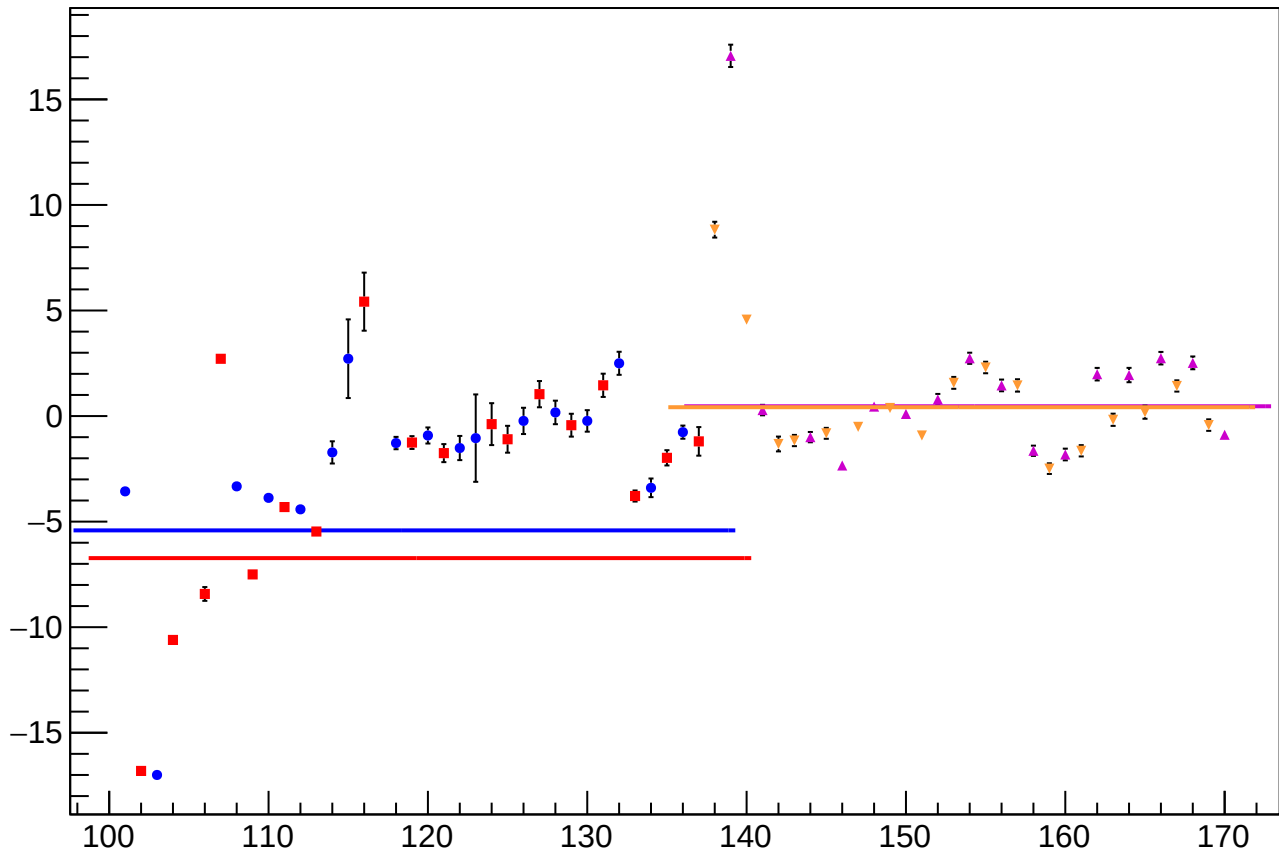
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -4.179 $\pm$ 0.088 χ^2/NDF :1709.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -3.984 $\pm$ 0.088 χ^2/NDF :1980.9/15

Left: -4.081 $\pm$ 0.062 χ^2/NDF : 3692.8/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -3.984 $\pm$ 0.088 χ^2/NDF :1980.9/15
 Out: -4.179 $\pm$ 0.088 χ^2/NDF :1709.4/16
 All: -4.081 $\pm$ 0.062 χ^2/NDF : 3692.8/32

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: 0.419 ± 0.063 χ^2/NDF : 1253.2/16

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.464 ± 0.065 χ^2/NDF : 1611.2/15

Left: 0.441 ± 0.045 χ^2/NDF : 2864.7/32

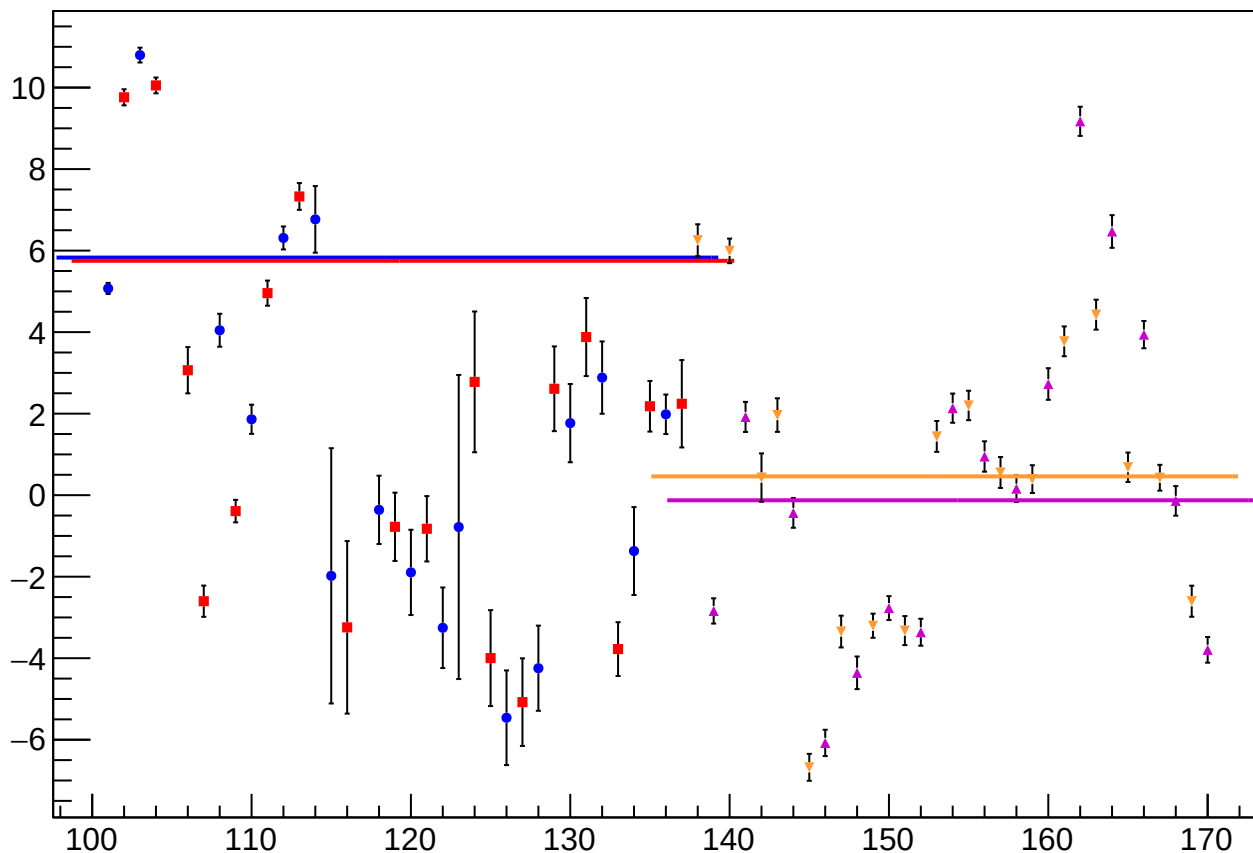
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -2.981 ± 0.042 χ^2/NDF : 15638.4/32

Out: -3.368 ± 0.044 χ^2/NDF : 19184.0/34

All: -3.167 ± 0.030 χ^2/NDF : 34863.2/67

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 0.461 $\pm$ 0.087 χ^2 /NDF:1689.4/16

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -0.126 $\pm$ 0.086 χ^2 /NDF:2069.4/15

Left: 0.165 $\pm$ 0.061 χ^2 /NDF: 3781.5/32

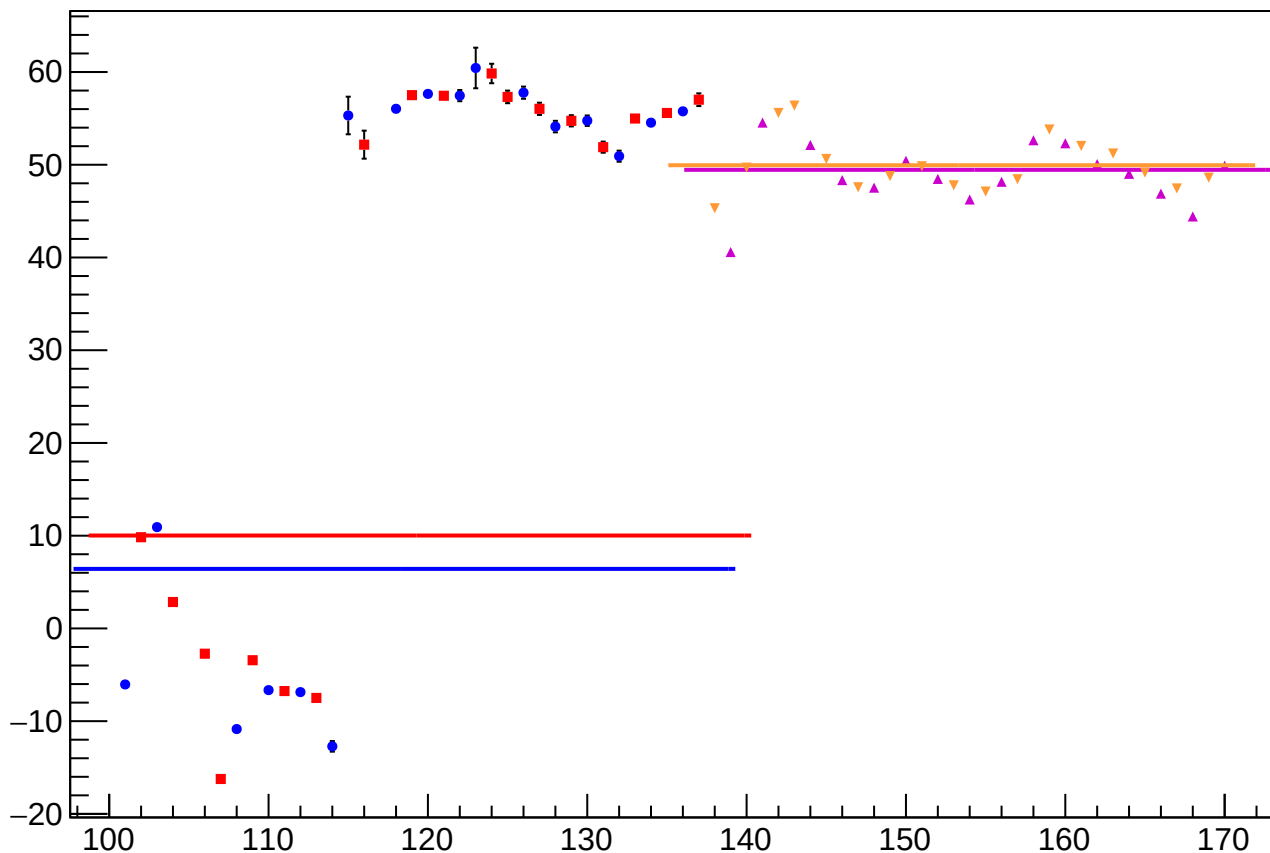
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 2.745 $\pm$ 0.062 χ^2 /NDF:5803.7/32

Out: 2.852 $\pm$ 0.065 χ^2 /NDF:5855.9/34

All: 2.797 $\pm$ 0.045 χ^2 /NDF: 11660.9/67

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: 49.949 ± 0.074 χ^2/NDF : 1332.2/16

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.452 ± 0.075 χ^2/NDF : 1416.2/15

Left: 49.705 ± 0.052 χ^2/NDF : 2770.8/32

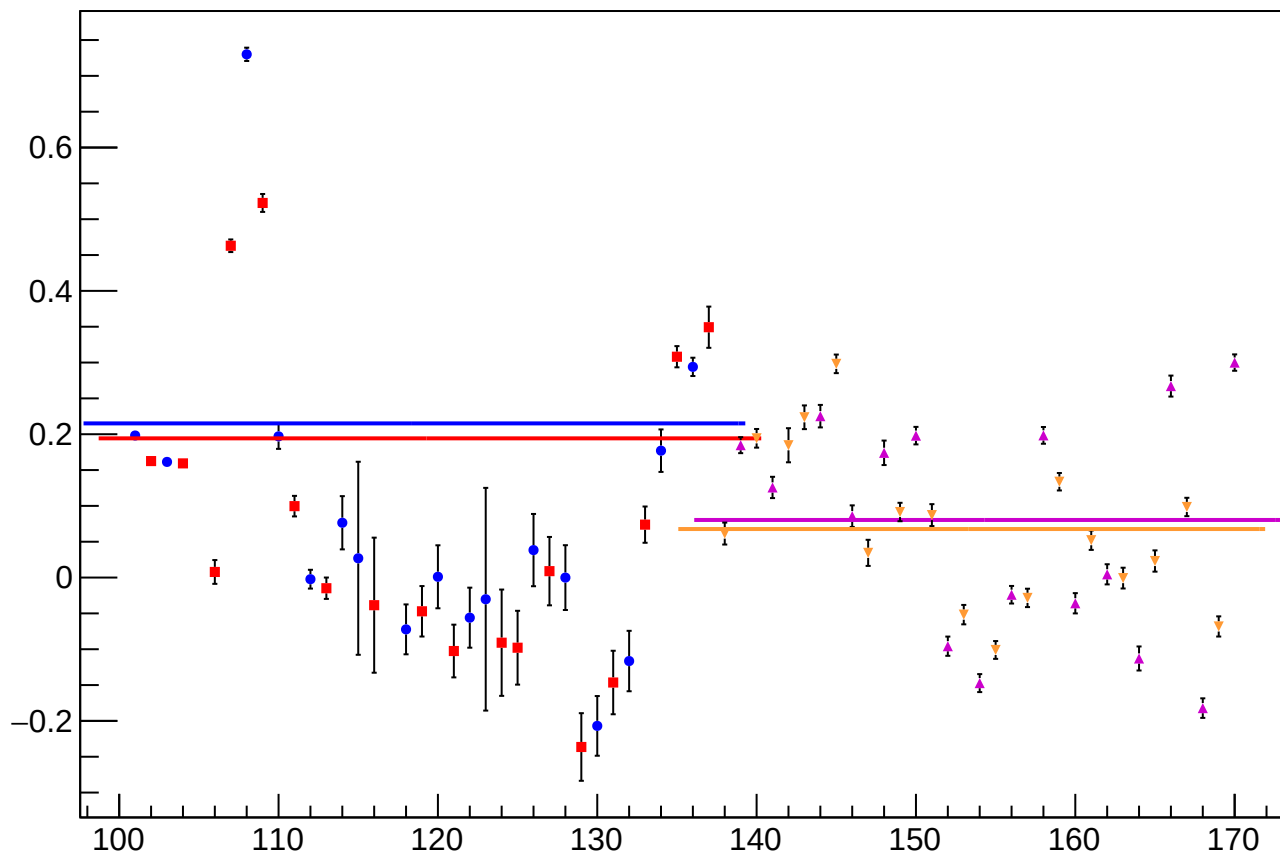
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 24.852 ± 0.049 χ^2/NDF : 313805.1/32

Out: 29.188 ± 0.051 χ^2/NDF : 276444.7/34

All: 26.931 ± 0.035 χ^2/NDF : 594011.7/67

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: 0.068 $\pm$ 0.003 χ^2 /NDF:1011.6/16

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.080 $\pm$ 0.003 χ^2 /NDF:2112.1/15

Left: 0.074 $\pm$ 0.002 χ^2 /NDF: 3130.6/32

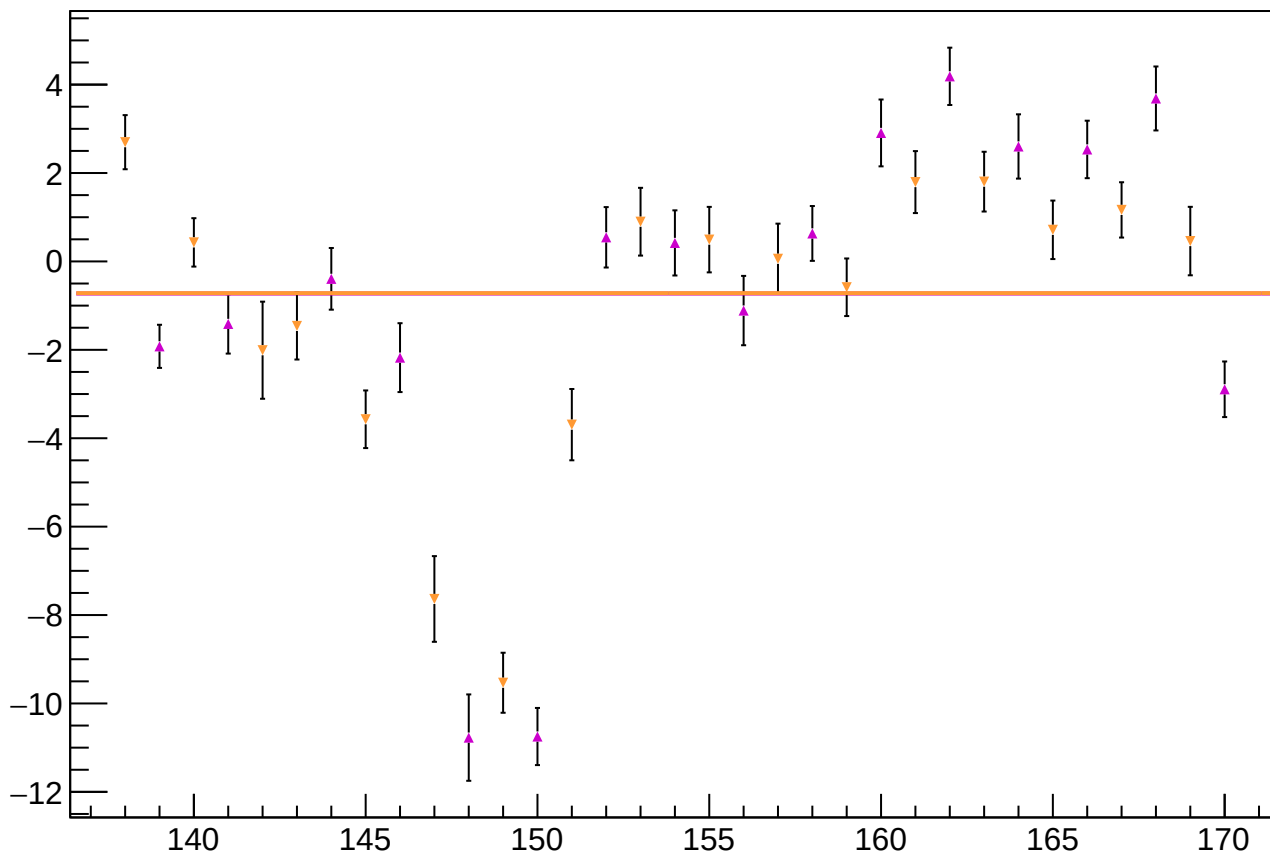
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.161 $\pm$ 0.002 χ^2 /NDF:6995.7/32

Out: 0.145 $\pm$ 0.002 χ^2 /NDF:4363.1/34

All: 0.153 $\pm$ 0.002 χ^2 /NDF: 11387.2/67

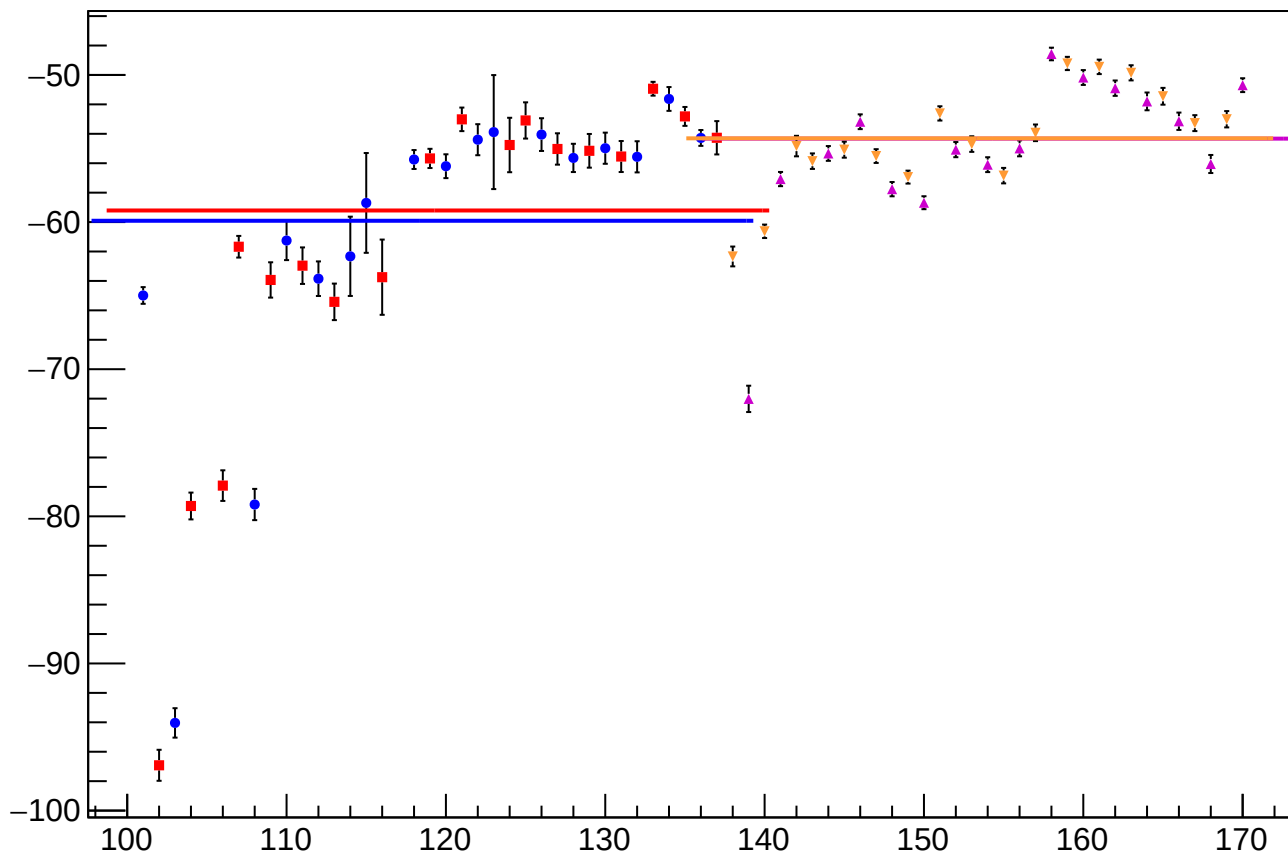
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.718+/-0.172 χ^2/NDF : 341.0/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.727+/-0.170 χ^2/NDF : 543.3/15

Left: -0.722+/-0.121 χ^2/NDF : 884.3/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.727+/-0.170 χ^2/NDF : 543.3/15
 Out: -0.718+/-0.172 χ^2/NDF : 341.0/16
 All: -0.722+/-0.121 χ^2/NDF : 884.3/32

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: -54.308 ± 0.126 χ^2/NDF : 757.7/16

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.328 ± 0.129 χ^2/NDF : 975.9/15

Left: -54.318 ± 0.090 χ^2/NDF : 1733.7/32

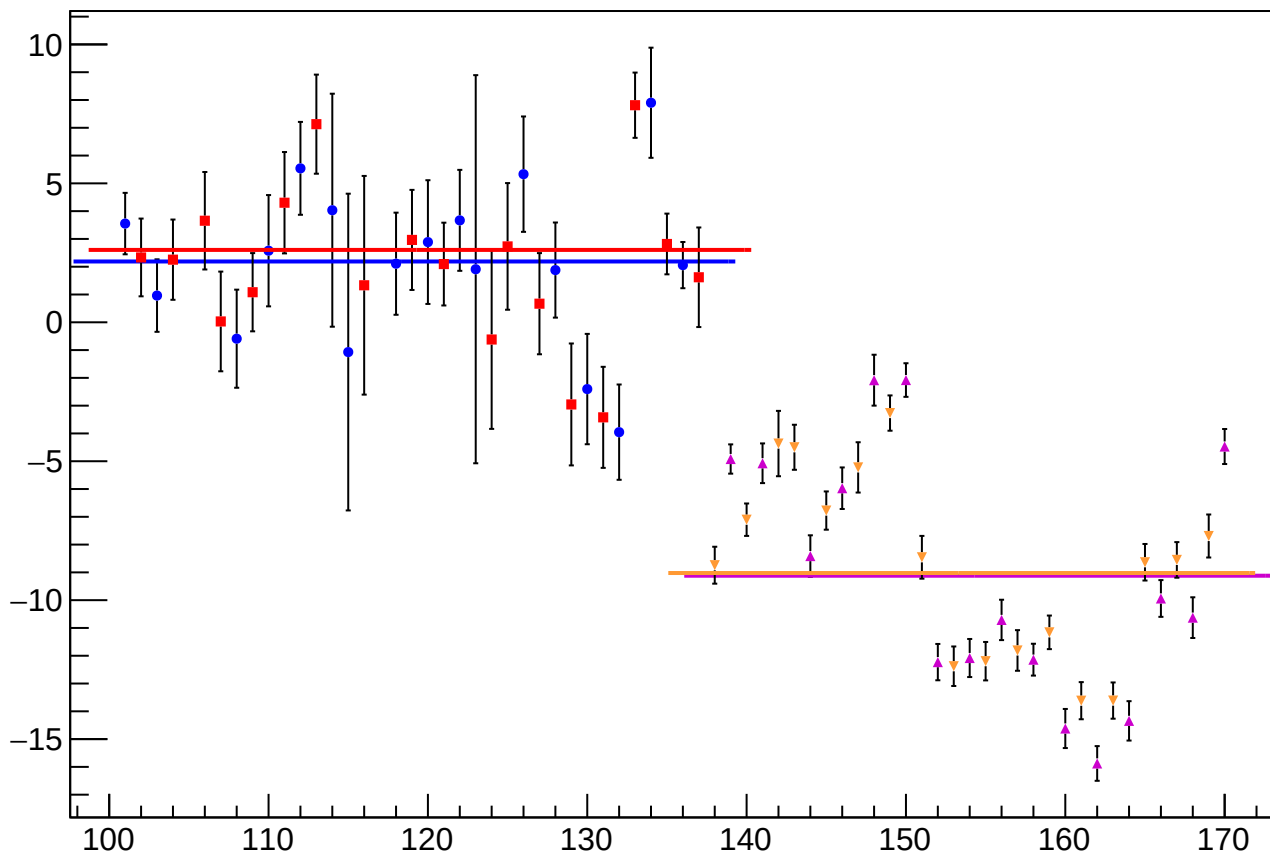
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.732 ± 0.112 χ^2/NDF : 3425.0/32

Out: -55.586 ± 0.108 χ^2/NDF : 3895.0/34

All: -55.657 ± 0.078 χ^2/NDF : 7320.8/67

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



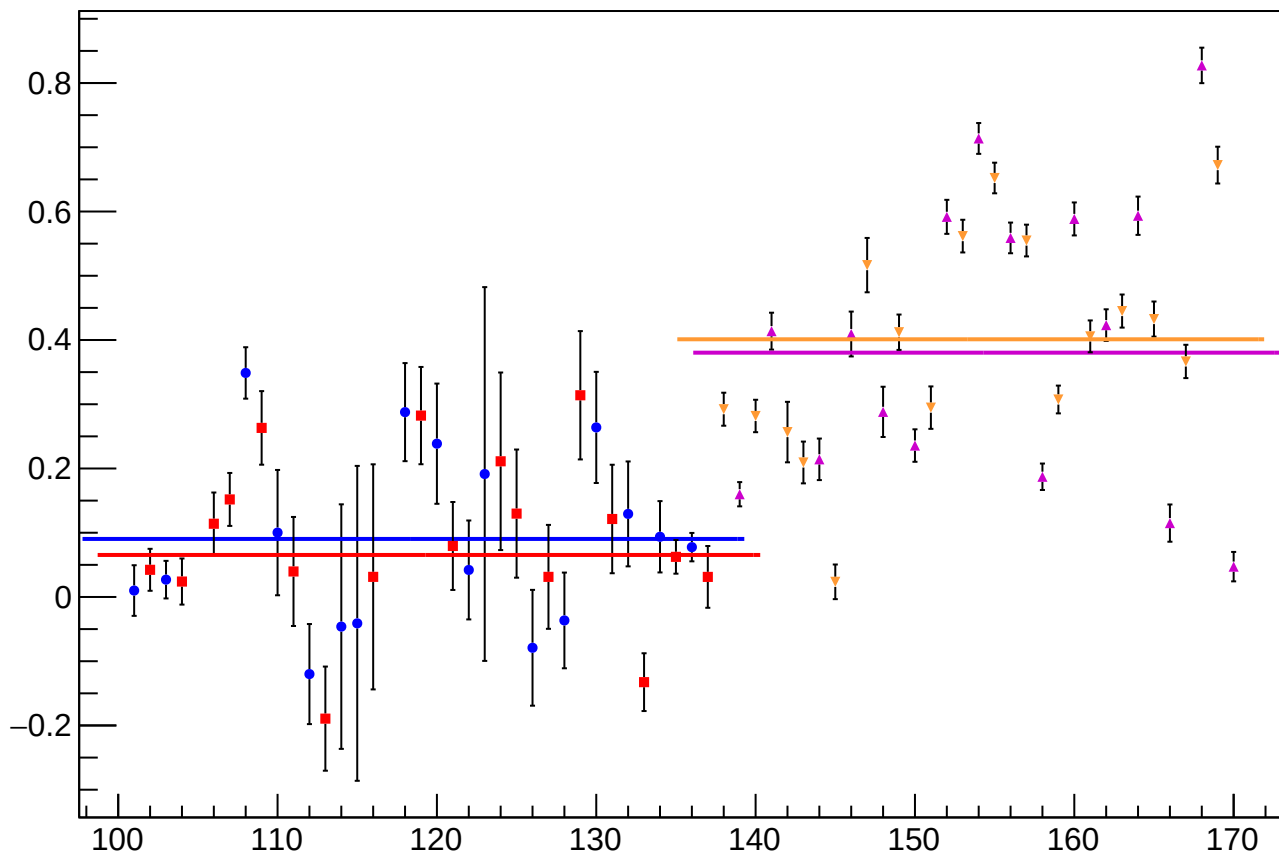
Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.023 ± 0.170 $\chi^2/\text{NDF}: 339.8/16$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.120 ± 0.167 $\chi^2/\text{NDF}: 675.6/15$

Left: -9.072 ± 0.119 $\chi^2/\text{NDF}: 1015.6/32$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -7.469 ± 0.155 $\chi^2/\text{NDF}: 1382.1/32$
 Out: -7.175 ± 0.156 $\chi^2/\text{NDF}: 1134.9/34$
 All: -7.323 ± 0.110 $\chi^2/\text{NDF}: 2518.8/67$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.401 $\pm$ 0.007 χ^2 /NDF:602.4/16

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.380 $\pm$ 0.006 χ^2 /NDF:1281.4/15

Left: 0.390 $\pm$ 0.005 χ^2 /NDF: 1888.9/32

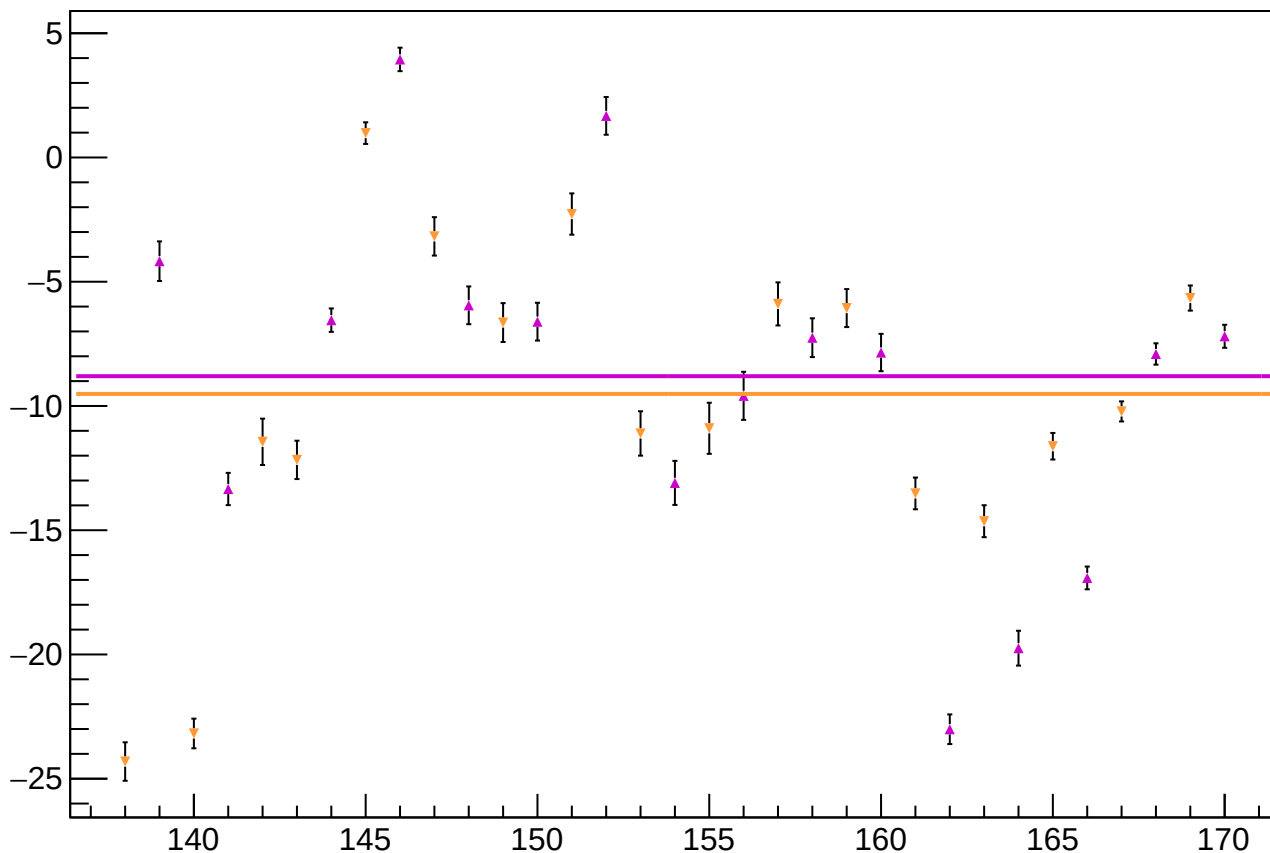
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.321 $\pm$ 0.006 χ^2 /NDF:1773.6/32

Out: 0.325 $\pm$ 0.006 χ^2 /NDF:1250.5/34

All: 0.323 $\pm$ 0.004 χ^2 /NDF: 3024.4/67

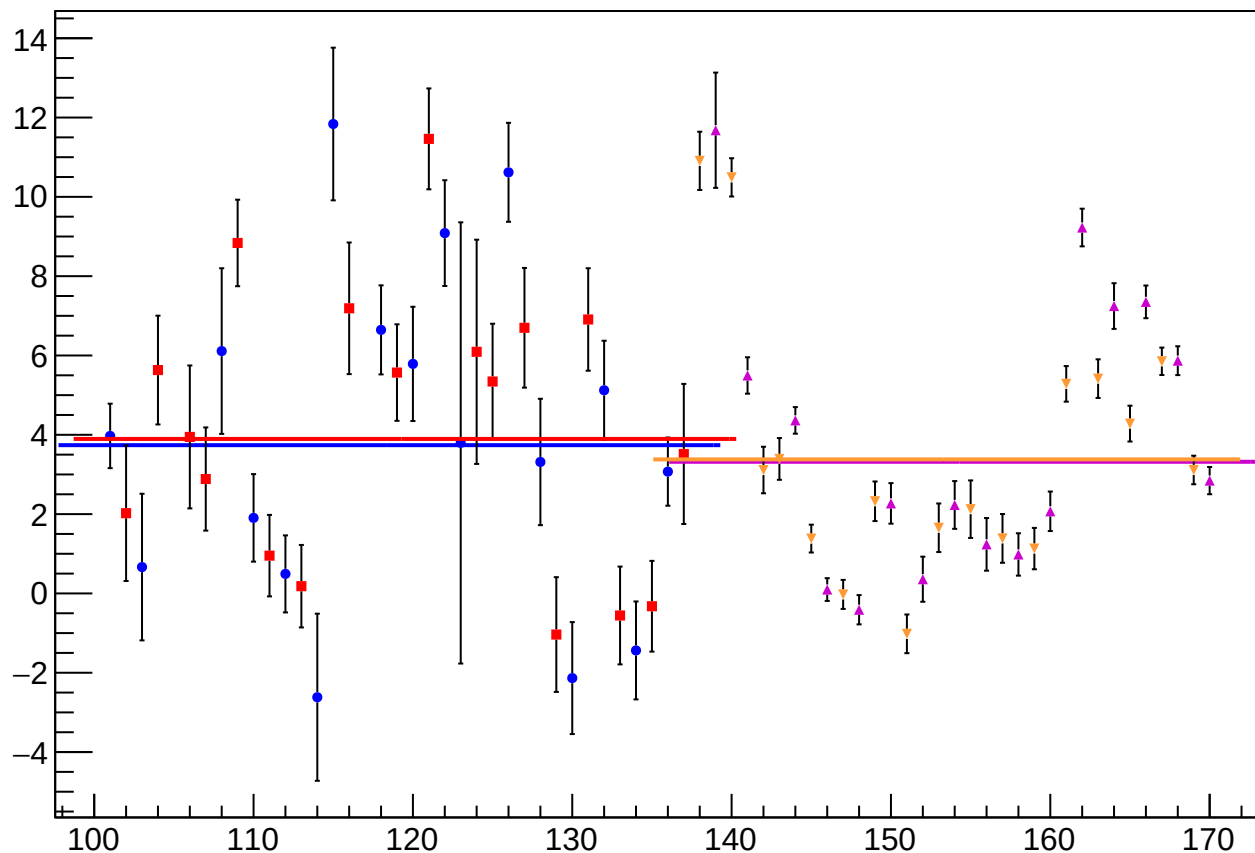
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.516 $\pm$ 0.156 χ^2/NDF :1863.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.801 $\pm$ 0.151 χ^2/NDF :2217.2/15

Left: -9.147 $\pm$ 0.109 χ^2/NDF : 4091.7/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.801 $\pm$ 0.151 χ^2/NDF :2217.2/15
 Out: -9.516 $\pm$ 0.156 χ^2/NDF :1863.7/16
 All: -9.147 $\pm$ 0.109 χ^2/NDF : 4091.7/32

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 3.380 ± 0.114 χ^2/NDF : 658.6/16

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 3.320 ± 0.110 χ^2/NDF : 711.4/15

Left: 3.349 ± 0.079 χ^2/NDF : 1370.2/32

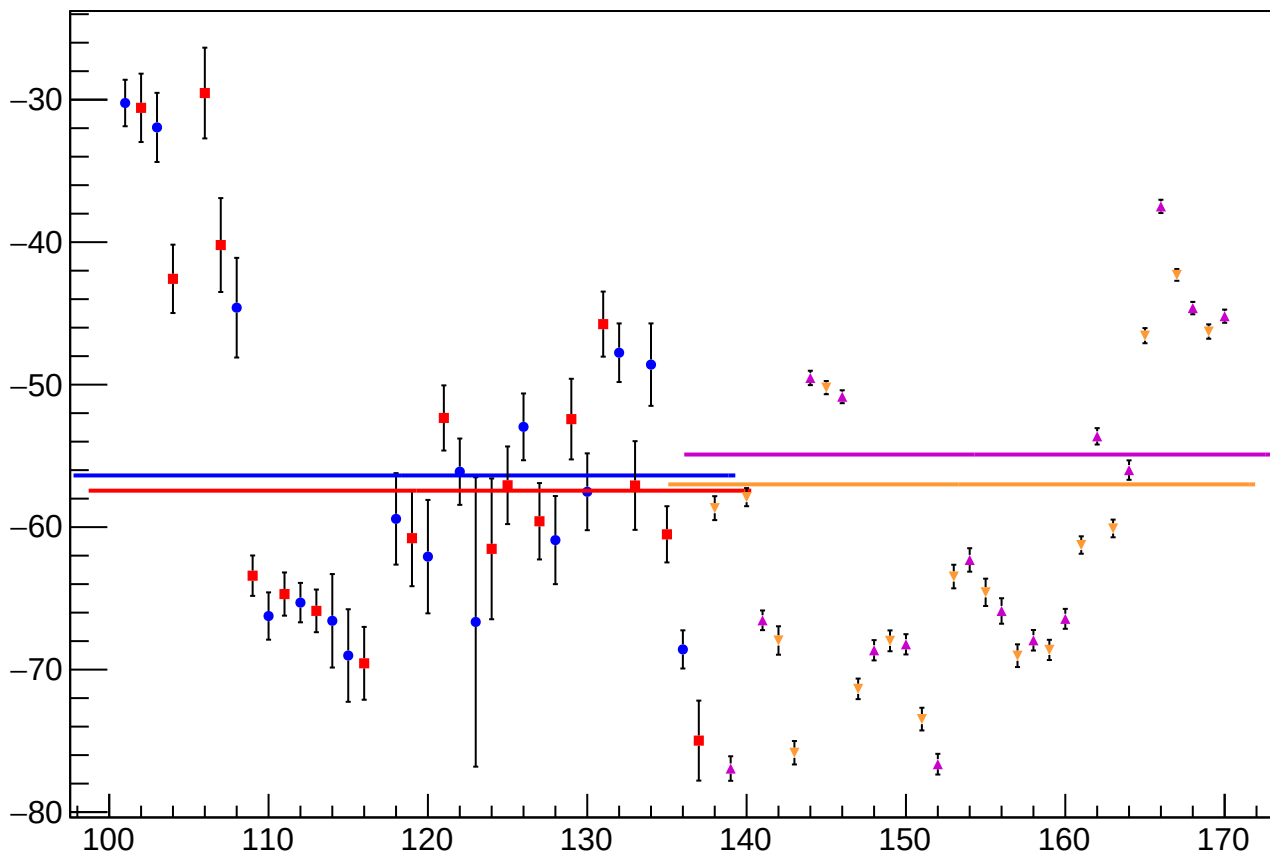
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 3.367 ± 0.104 χ^2/NDF : 849.9/32

Out: 3.439 ± 0.107 χ^2/NDF : 795.8/34

All: 3.402 ± 0.074 χ^2/NDF : 1646.0/67

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -56.999 ± 0.156 $\chi^2/\text{NDF}: 4708.2/16$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -54.904 ± 0.150 $\chi^2/\text{NDF}: 5982.4/15$

Left: -55.910 ± 0.108 $\chi^2/\text{NDF}: 10784.4/32$

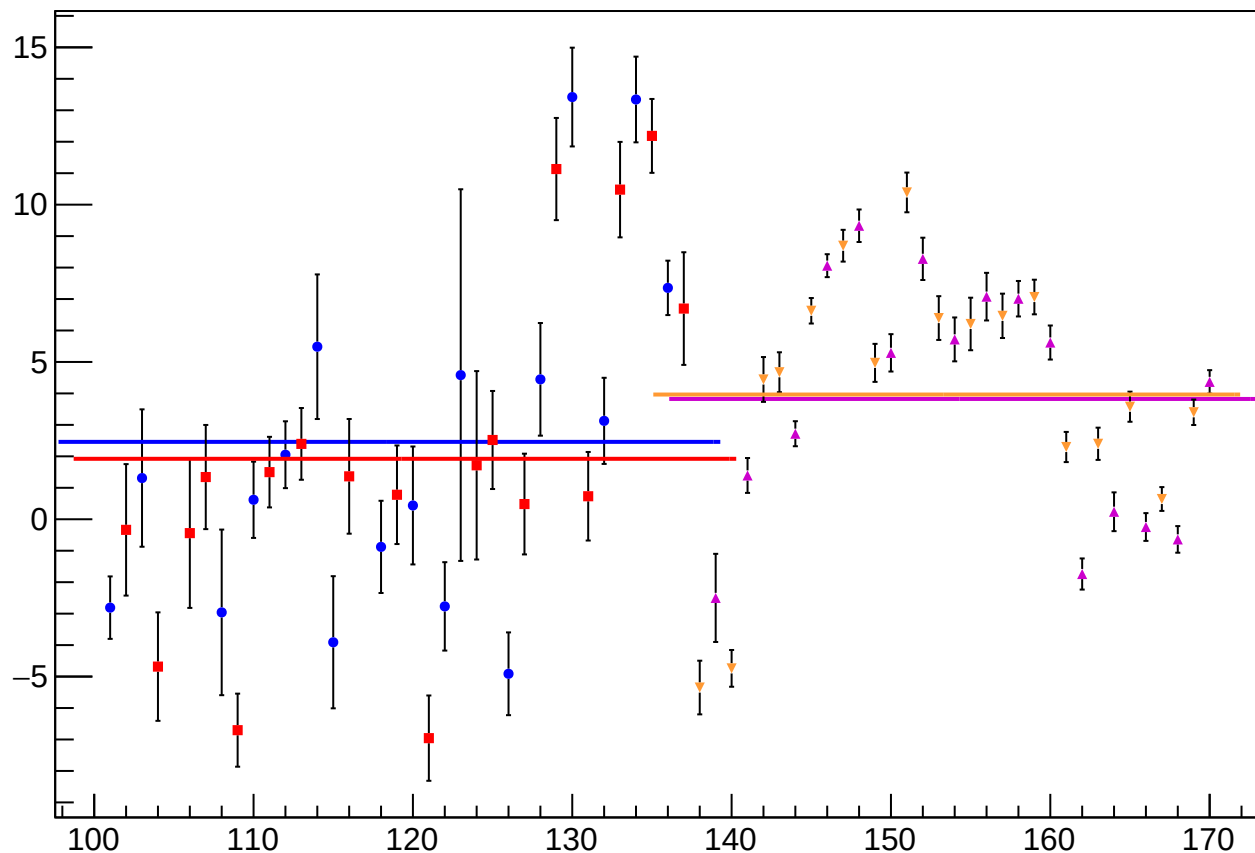
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -55.008 ± 0.145 $\chi^2/\text{NDF}: 6576.8/32$

Out: -57.033 ± 0.150 $\chi^2/\text{NDF}: 5149.8/34$

All: -55.984 ± 0.104 $\chi^2/\text{NDF}: 11821.2/67$

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: 3.965 $\pm$ 0.131 χ^2 /NDF: 744.9/16

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 3.824 $\pm$ 0.128 χ^2 /NDF: 773.5/15

Left: 3.893 $\pm$ 0.091 χ^2 /NDF: 1519.0/32

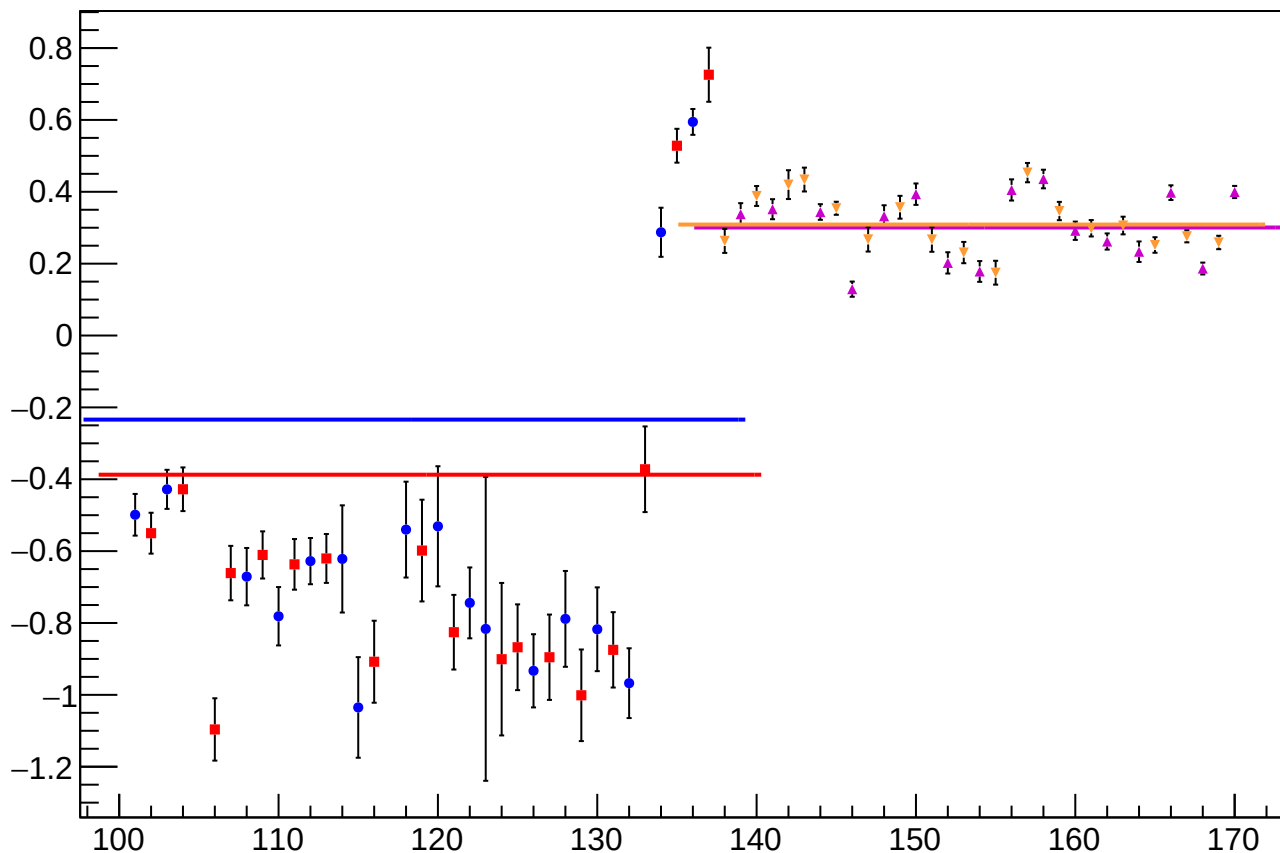
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 3.661 $\pm$ 0.120 χ^2 /NDF: 1031.1/32

Out: 3.720 $\pm$ 0.123 χ^2 /NDF: 1039.2/34

All: 3.690 $\pm$ 0.086 χ^2 /NDF: 2070.4/67

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: 0.309 ± 0.006 χ^2/NDF : 115.8/16

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.301 ± 0.006 χ^2/NDF : 266.9/15

Left: 0.305 ± 0.004 χ^2/NDF : 383.7/32

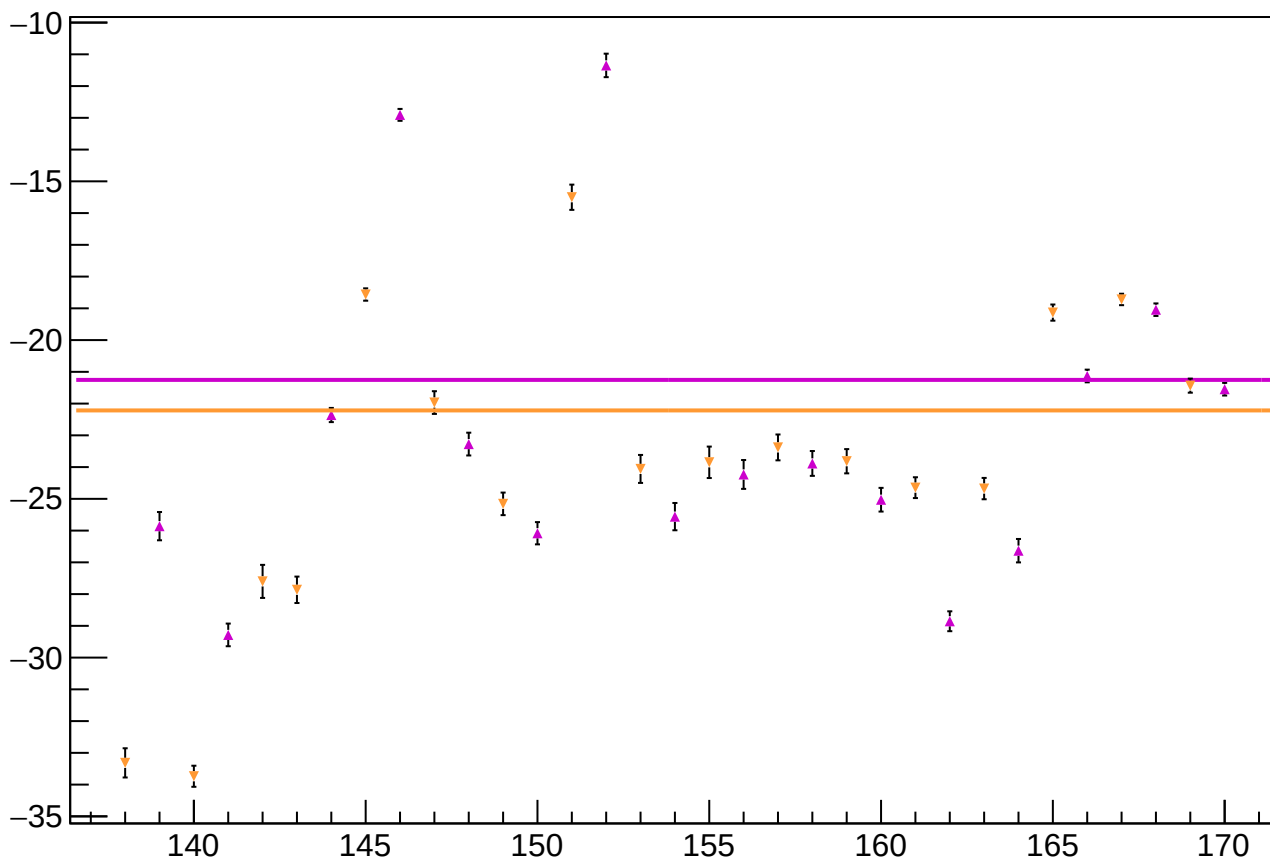
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.252 ± 0.006 χ^2/NDF : 1953.2/32

Out: 0.243 ± 0.006 χ^2/NDF : 2177.7/34

All: 0.248 ± 0.004 χ^2/NDF : 4132.2/67

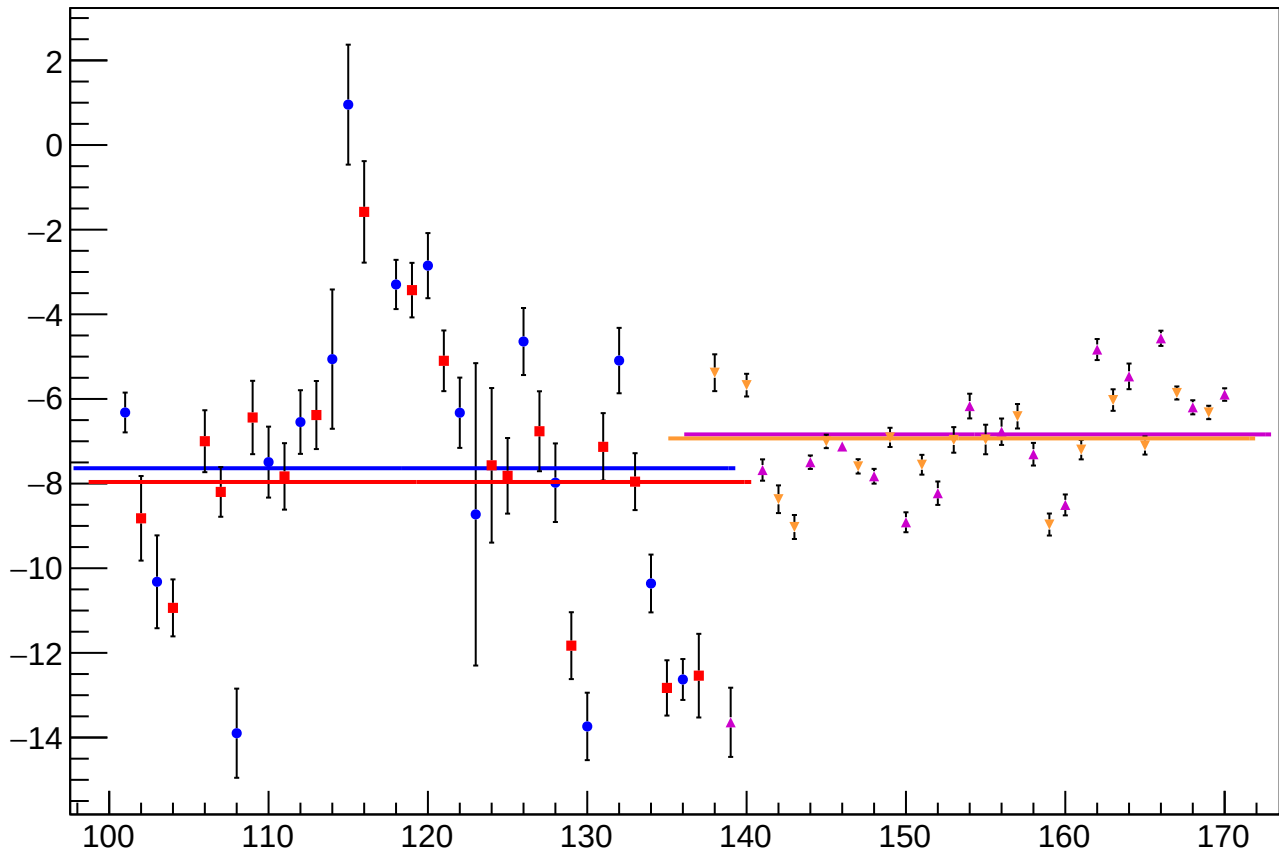
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.215 $\pm$ 0.075 χ^2 /NDF:3480.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -21.254 $\pm$ 0.070 χ^2 /NDF:4781.1/15

Left: -21.705 $\pm$ 0.051 χ^2 /NDF: 8348.8/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -21.254 $\pm$ 0.070 χ^2 /NDF:4781.1/15
 Out: -22.215 $\pm$ 0.075 χ^2 /NDF:3480.1/16
 All: -21.705 $\pm$ 0.051 χ^2 /NDF: 8348.8/32

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: -6.933 ± 0.054 χ^2/NDF : 273.3/16

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.838 ± 0.051 χ^2/NDF : 591.9/15

Left: -6.882 ± 0.037 χ^2/NDF : 866.9/32

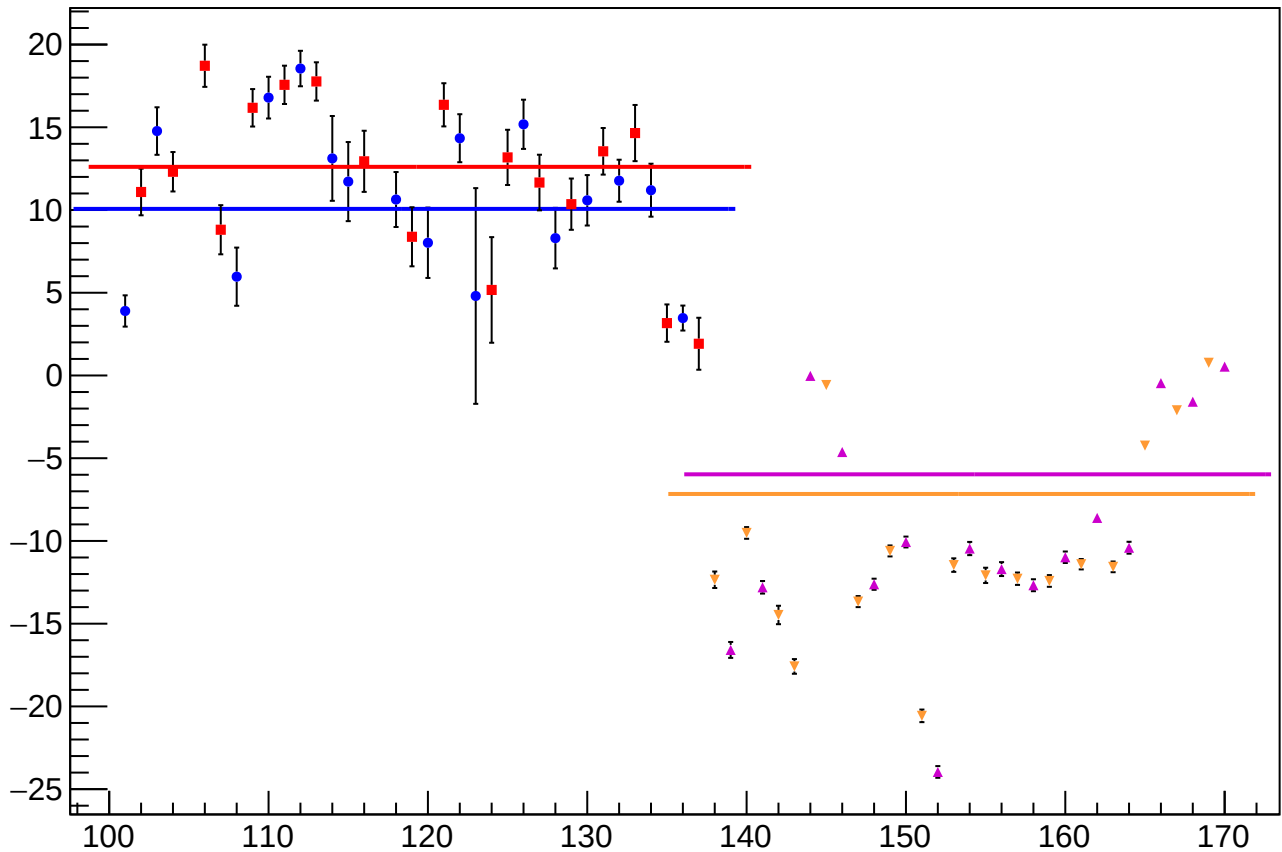
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.894 ± 0.049 χ^2/NDF : 1003.1/32

Out: -7.014 ± 0.052 χ^2/NDF : 528.1/34

All: -6.950 ± 0.036 χ^2/NDF : 1534.0/67

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -7.161 ± 0.075 χ^2/NDF : 6788.2/16

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -5.974 ± 0.070 χ^2/NDF : 7979.0/15

Left: -6.526 ± 0.051 χ^2/NDF : 14902.6/32

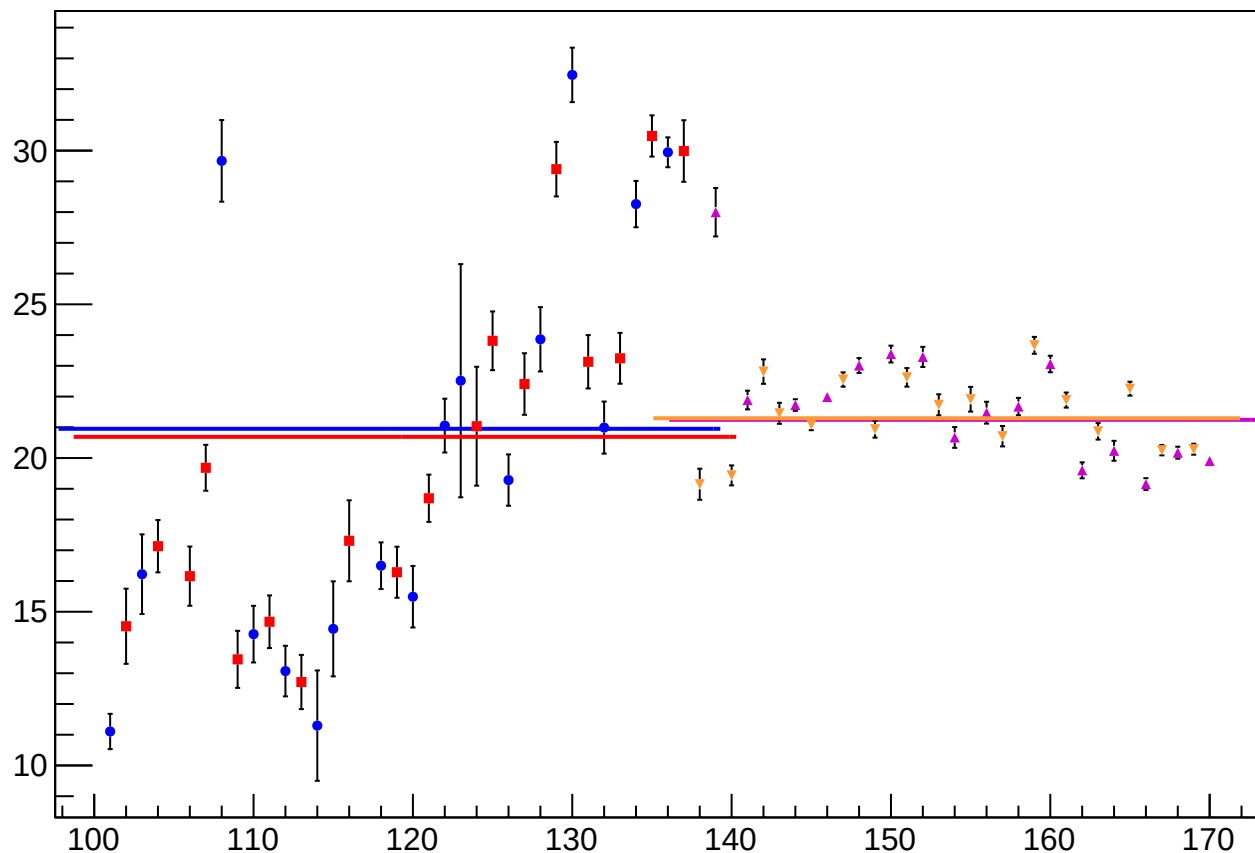
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -5.319 ± 0.068 χ^2/NDF : 10400.6/32

Out: -6.216 ± 0.073 χ^2/NDF : 10361.4/34

All: -5.738 ± 0.050 χ^2/NDF : 20842.9/67

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: 21.294 $\pm$ 0.063 χ^2 /NDF: 294.7/16

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.243 $\pm$ 0.059 χ^2 /NDF: 580.2/15

Left: 21.267 $\pm$ 0.043 χ^2 /NDF: 875.3/32

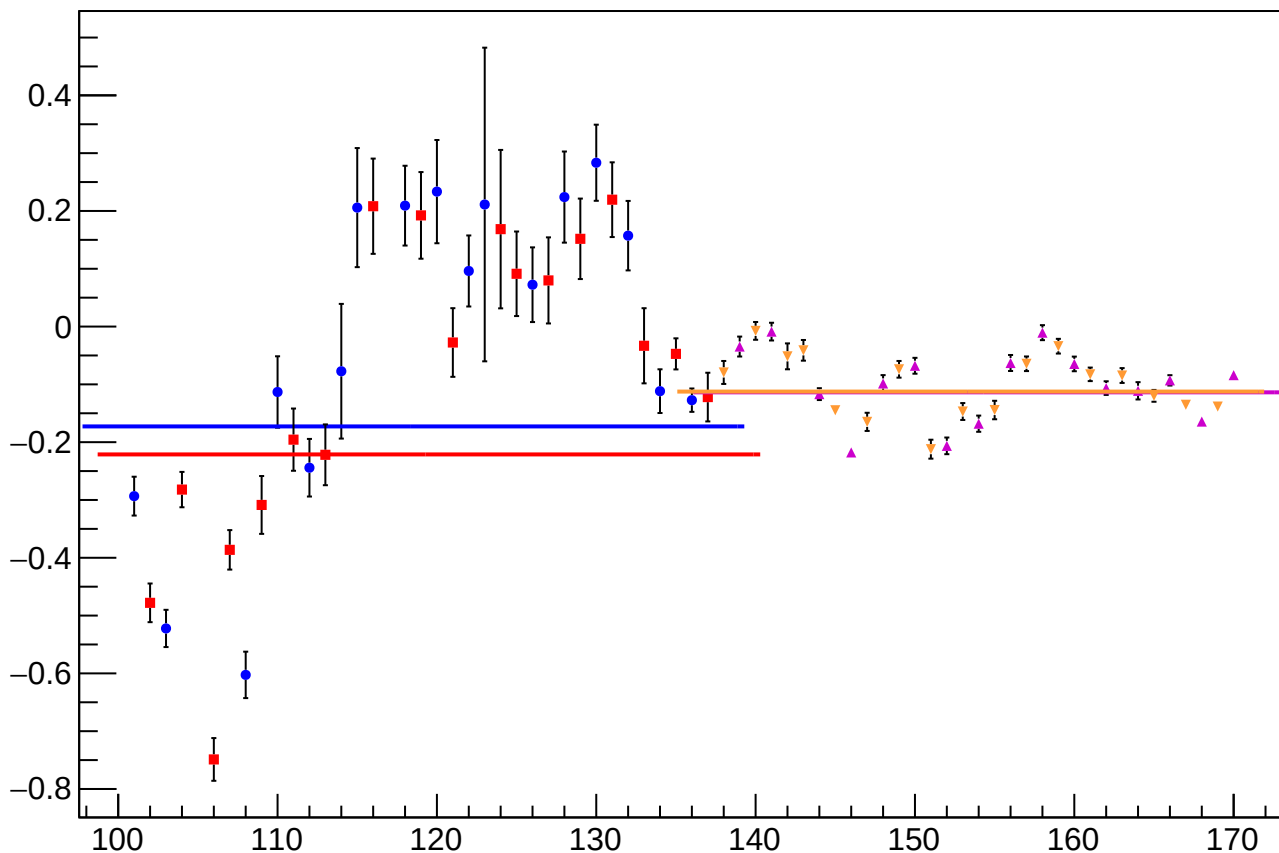
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.222 $\pm$ 0.057 χ^2 /NDF: 1804.8/32

Out: 21.245 $\pm$ 0.060 χ^2 /NDF: 1029.0/34

All: 21.233 $\pm$ 0.041 χ^2 /NDF: 2833.9/67

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: -0.112 ± 0.003 χ^2/NDF : 237.0/16

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.114 ± 0.003 χ^2/NDF : 447.2/15

Left: -0.113 ± 0.002 χ^2/NDF : 684.3/32

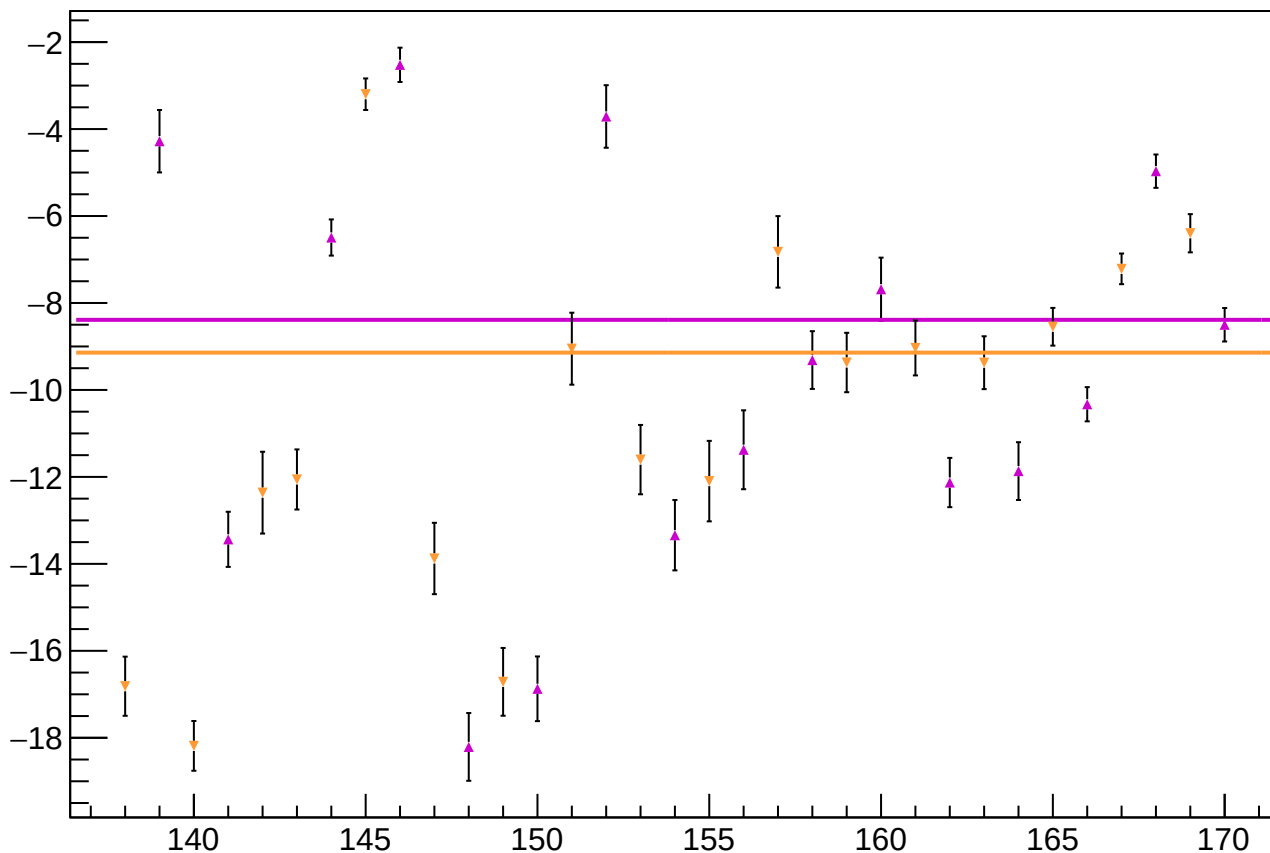
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.117 ± 0.003 χ^2/NDF : 933.7/32

Out: -0.120 ± 0.003 χ^2/NDF : 863.9/34

All: -0.118 ± 0.002 χ^2/NDF : 1798.0/67

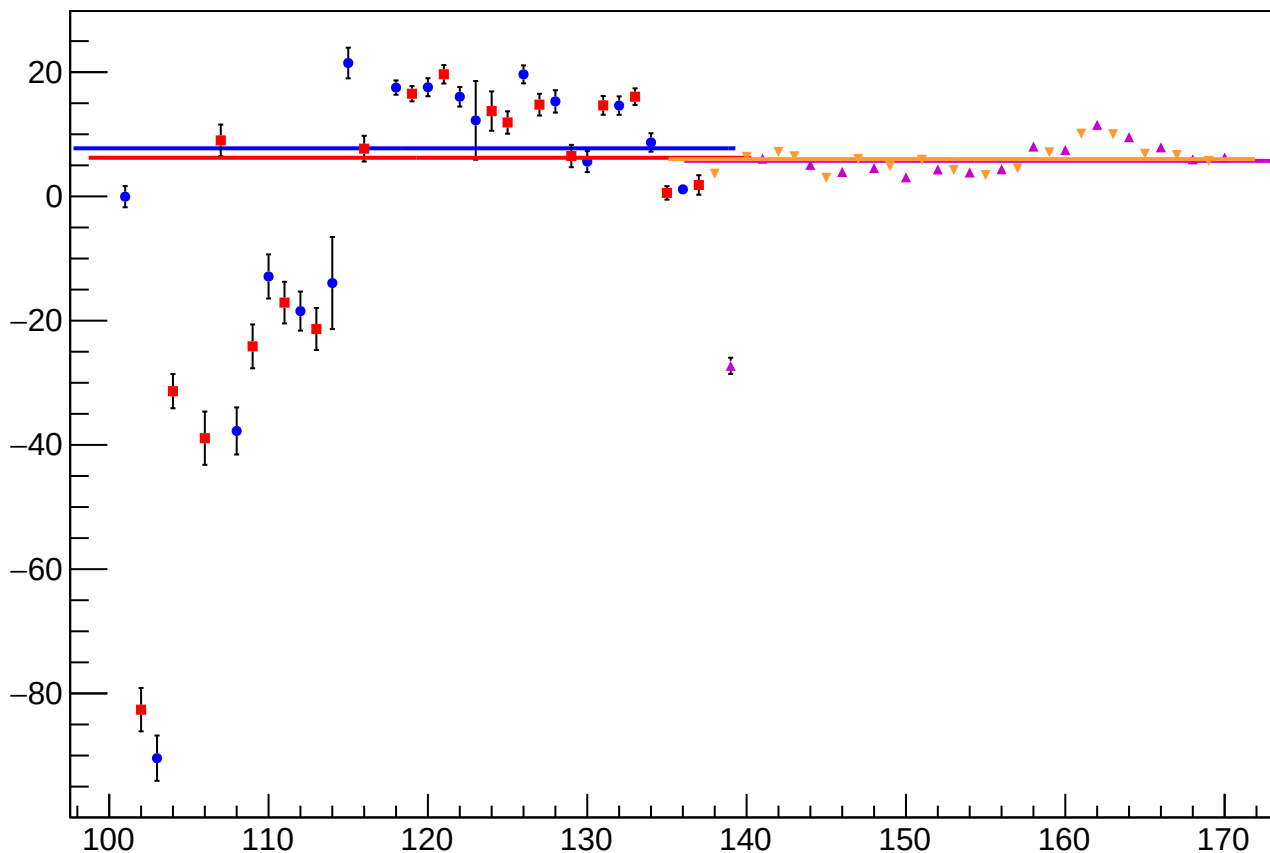
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.142 $\pm$ 0.140 χ^2/NDF : 901.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.388 $\pm$ 0.136 χ^2/NDF : 895.4/15

Left: -8.752 $\pm$ 0.098 χ^2/NDF : 1811.9/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.388 $\pm$ 0.136 χ^2/NDF : 895.4/15
 Out: -9.142 $\pm$ 0.140 χ^2/NDF : 901.6/16
 All: -8.752 $\pm$ 0.098 χ^2/NDF : 1811.9/32

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.998 ± 0.104 χ^2/NDF : 342.9/16

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 5.725 ± 0.100 χ^2/NDF : 1047.5/15

Left: 5.856 ± 0.072 χ^2/NDF : 1394.1/32

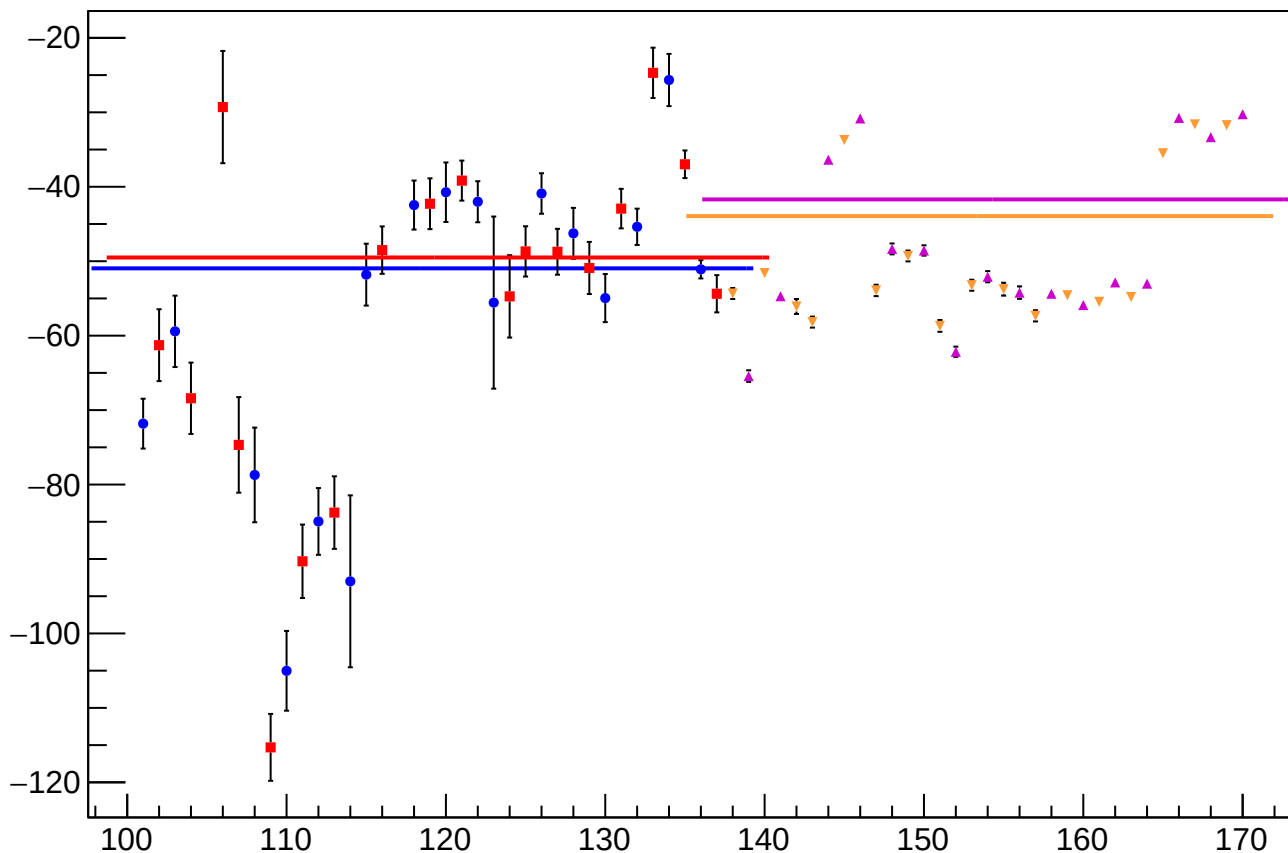
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.842 ± 0.097 χ^2/NDF : 2430.0/32

Out: 6.010 ± 0.101 χ^2/NDF : 1789.1/34

All: 5.922 ± 0.070 χ^2/NDF : 4220.6/67

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -43.944 ± 0.141 χ^2/NDF : 6052.7/16

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -41.699 ± 0.135 χ^2/NDF : 7435.5/15

Left: -42.771 ± 0.097 χ^2/NDF : 13621.3/32

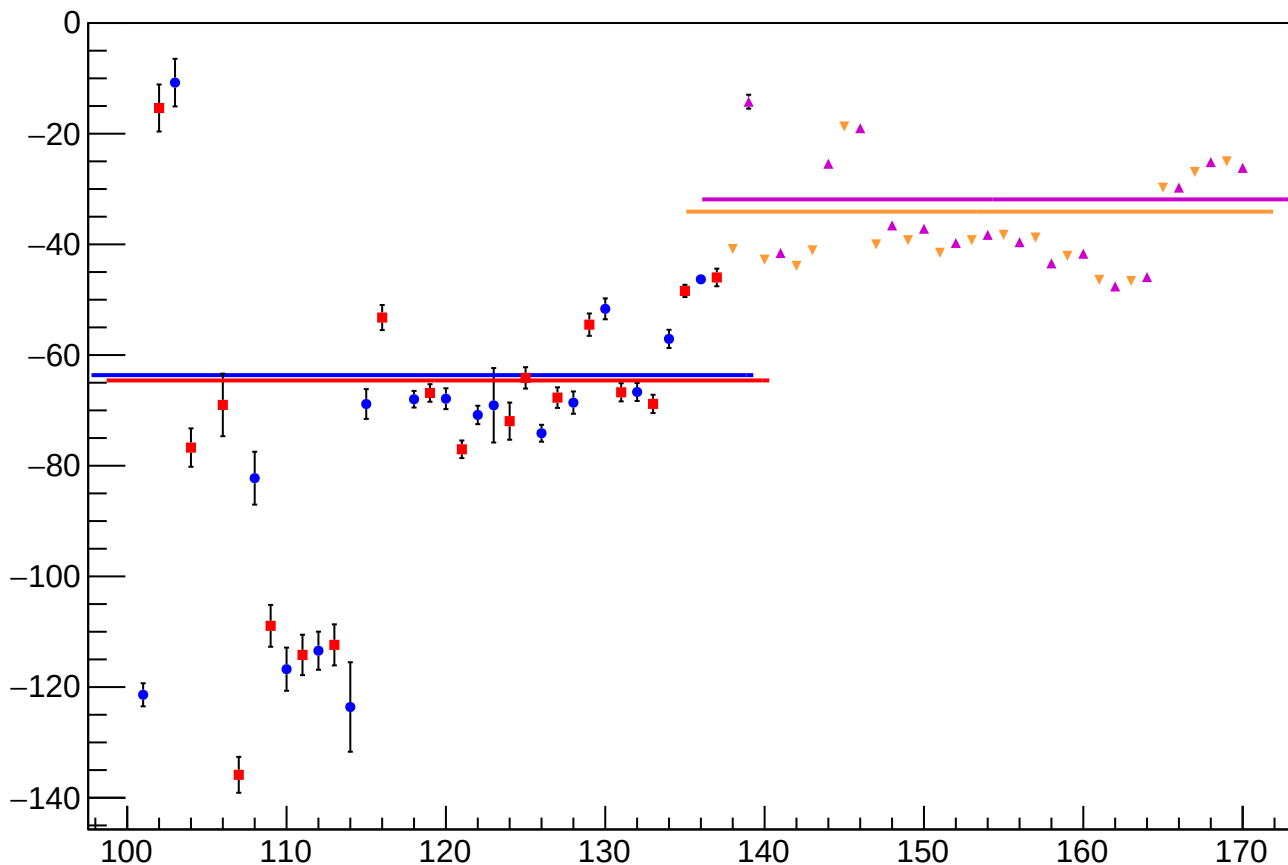
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -41.996 ± 0.132 χ^2/NDF : 7919.6/32

Out: -44.111 ± 0.139 χ^2/NDF : 6606.2/34

All: -43.005 ± 0.096 χ^2/NDF : 14647.7/67

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -34.085 $\pm$ 0.119 χ^2 /NDF: 6143.0/16

Right Out: -64.590 $\pm$ 0.482 χ^2 /NDF: 1594.3/17

Left In: -31.871 $\pm$ 0.115 χ^2 /NDF: 6371.7/15

Left: -32.946 $\pm$ 0.083 χ^2 /NDF: 12694.2/32

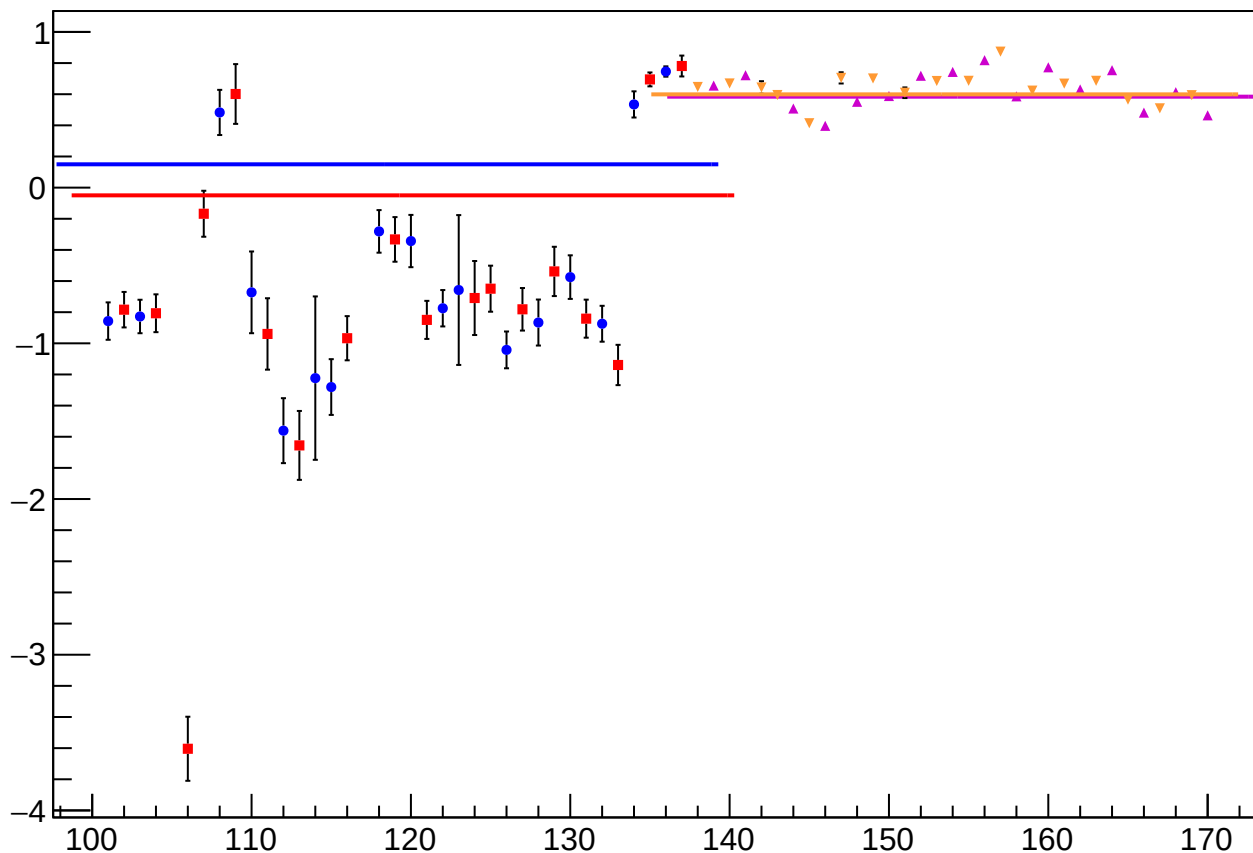
Right: -64.073 $\pm$ 0.327 χ^2 /NDF: 3607.7/34

In: -33.856 $\pm$ 0.111 χ^2 /NDF: 13140.2/32

Out: -35.823 $\pm$ 0.115 χ^2 /NDF: 11512.0/34

All: -34.808 $\pm$ 0.080 χ^2 /NDF: 24802.9/67

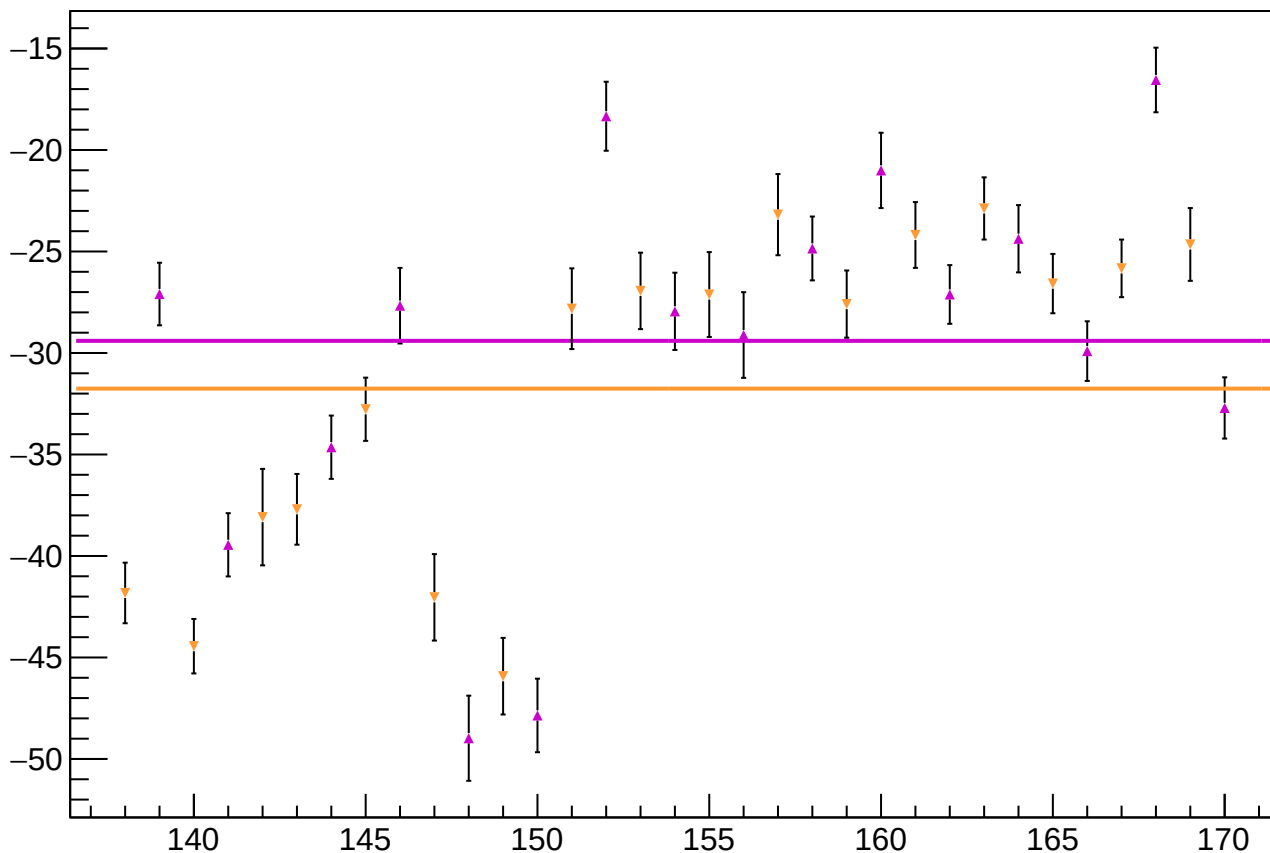
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.599 ± 0.006 $\chi^2/\text{NDF}: 379.5/16$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.584 ± 0.005 $\chi^2/\text{NDF}: 503.3/15$

Left: 0.591 ± 0.004 $\chi^2/\text{NDF}: 886.5/32$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.564 ± 0.005 $\chi^2/\text{NDF}: 1804.8/32$
 Out: 0.572 ± 0.005 $\chi^2/\text{NDF}: 2119.1/34$
 All: 0.567 ± 0.004 $\chi^2/\text{NDF}: 3925.1/67$

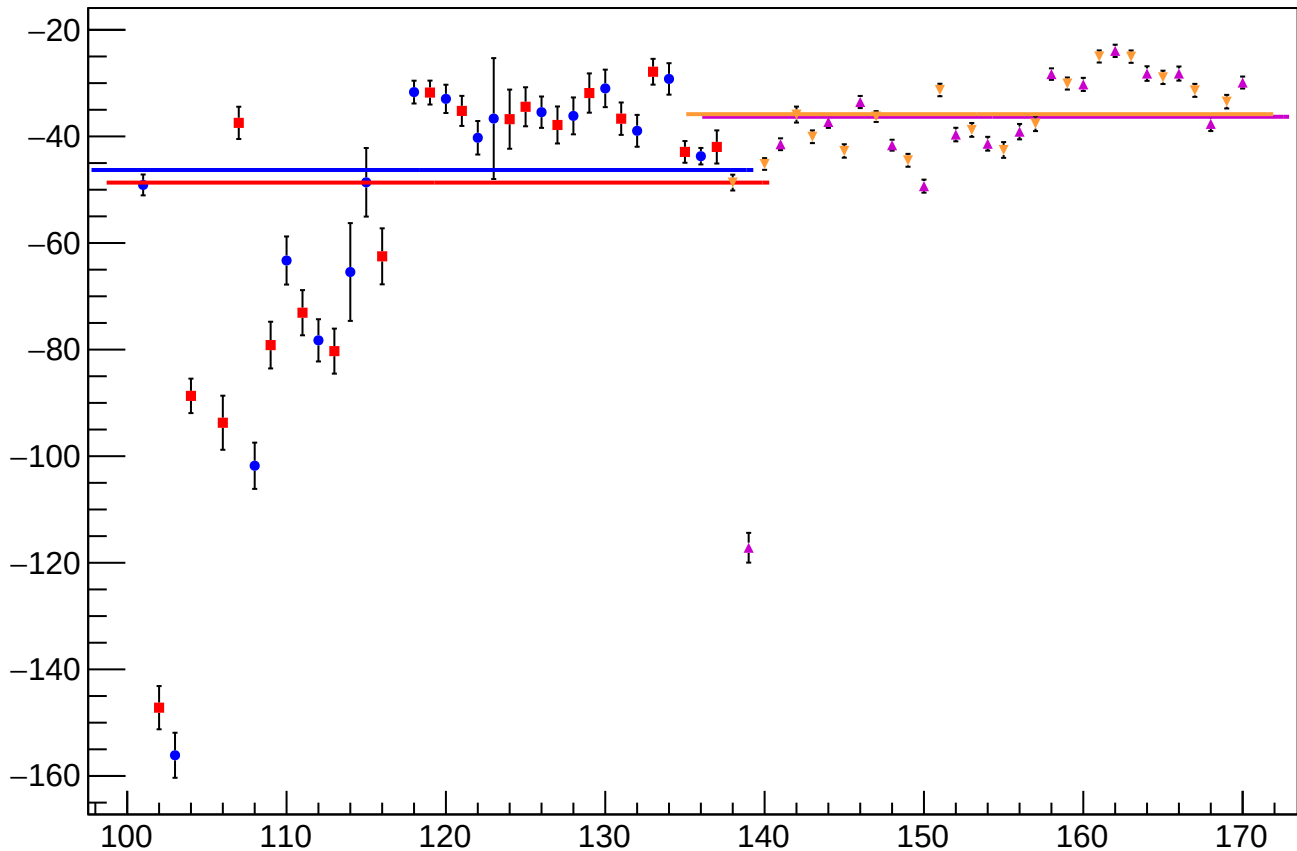
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -31.755 $\pm$ 0.412 χ^2 /NDF:374.9/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -29.402 $\pm$ 0.417 χ^2 /NDF:400.5/15

Left: -30.593 $\pm$ 0.293 χ^2 /NDF: 791.5/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -29.402 $\pm$ 0.417 χ^2 /NDF:400.5/15
 Out: -31.755 $\pm$ 0.412 χ^2 /NDF:374.9/16
 All: -30.593 $\pm$ 0.293 χ^2 /NDF: 791.5/32

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -35.826 ± 0.299 χ^2/NDF : 532.9/16

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -36.314 ± 0.308 χ^2/NDF : 1332.3/15

Left: -36.062 ± 0.215 χ^2/NDF : 1866.5/32

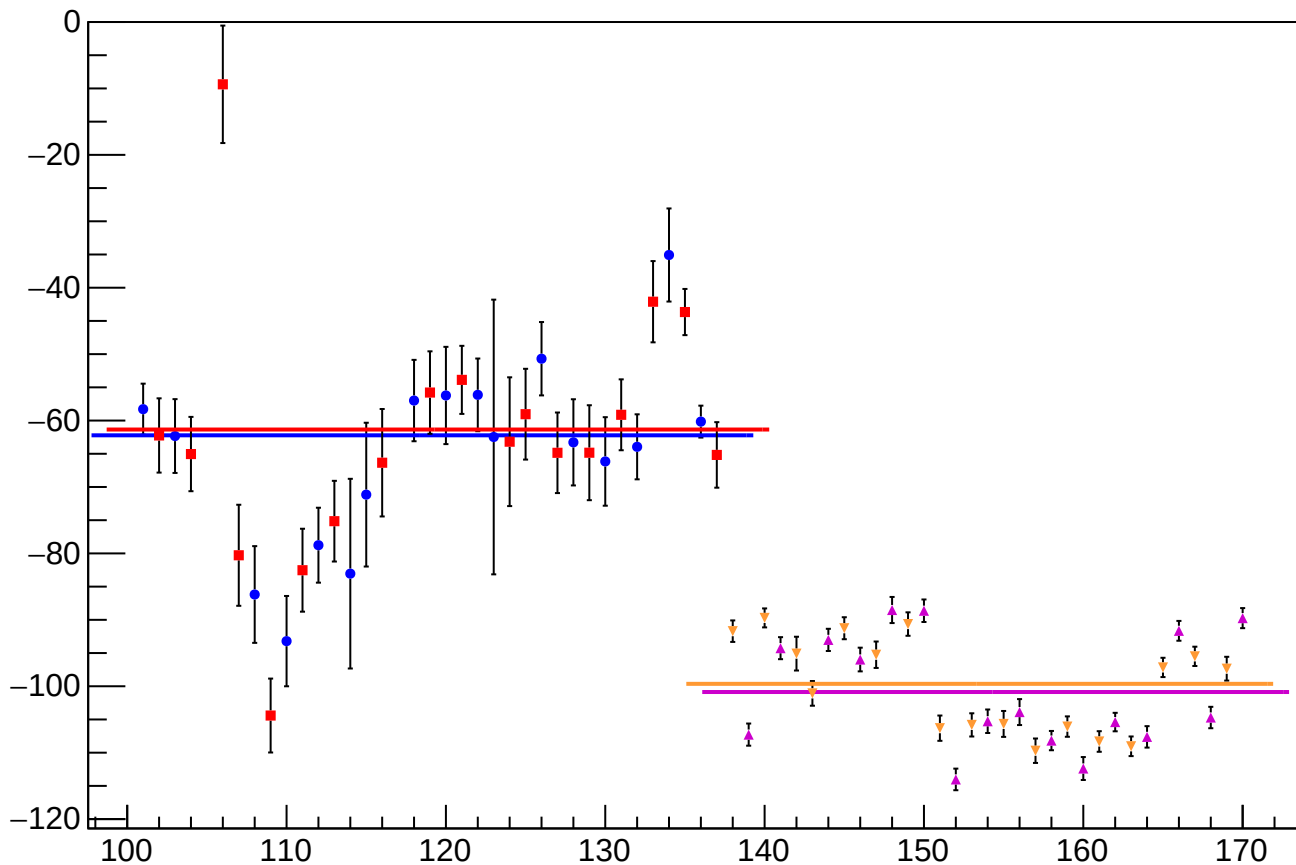
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -37.849 ± 0.284 χ^2/NDF : 2577.5/32

Out: -37.532 ± 0.278 χ^2/NDF : 1990.6/34

All: -37.688 ± 0.199 χ^2/NDF : 4568.7/67

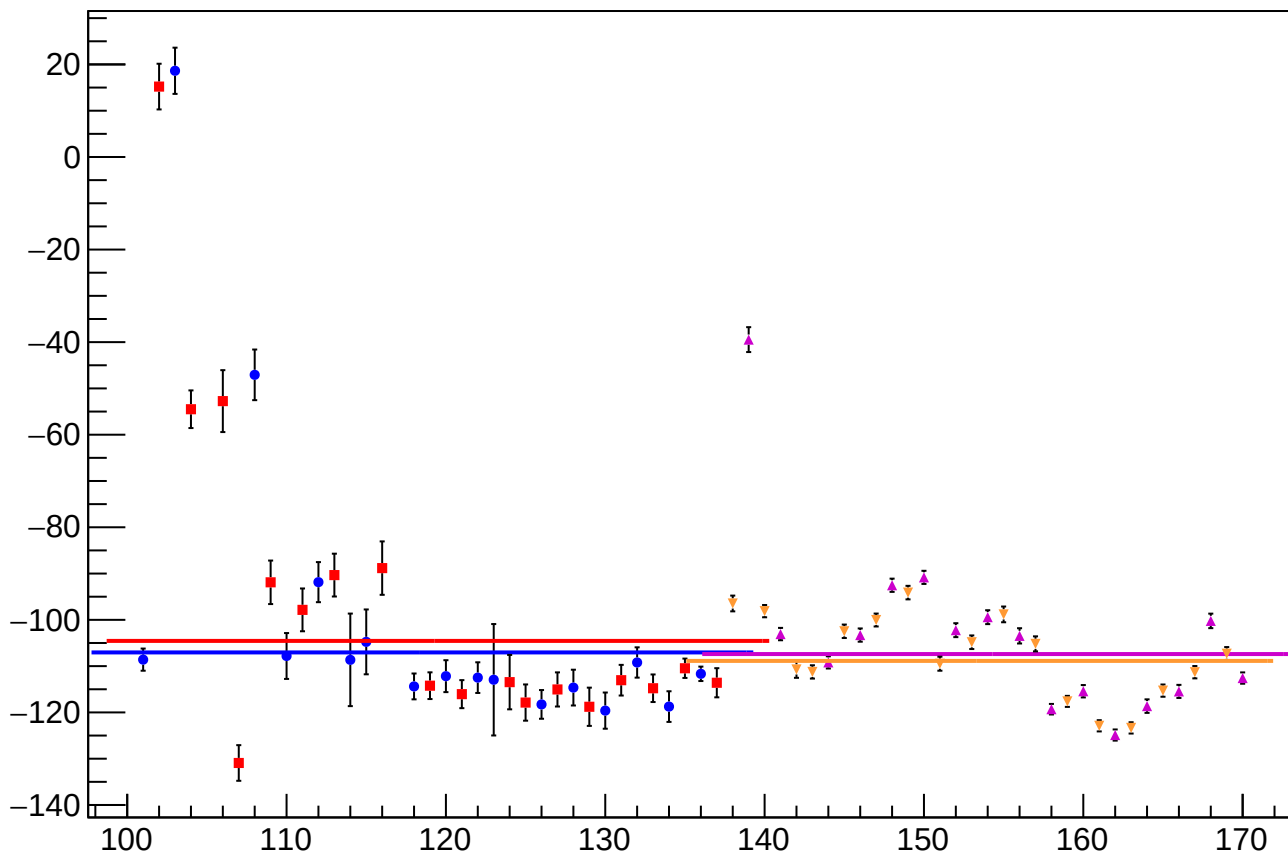
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.636 ± 0.409 χ^2/NDF : 299.0/16
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -100.867 ± 0.410 χ^2/NDF : 421.9/15

Left: -100.250 ± 0.290 χ^2/NDF : 725.4/32
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -97.425 ± 0.391 χ^2/NDF : 1280.0/32
 Out: -96.556 ± 0.392 χ^2/NDF : 1162.3/34
 All: -96.991 ± 0.277 χ^2/NDF : 2444.7/67

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: -108.871 ± 0.344 χ^2/NDF : 686.8/16

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -107.391 ± 0.352 χ^2/NDF : 1435.3/15

Left: -108.149 ± 0.246 χ^2/NDF : 2131.1/32

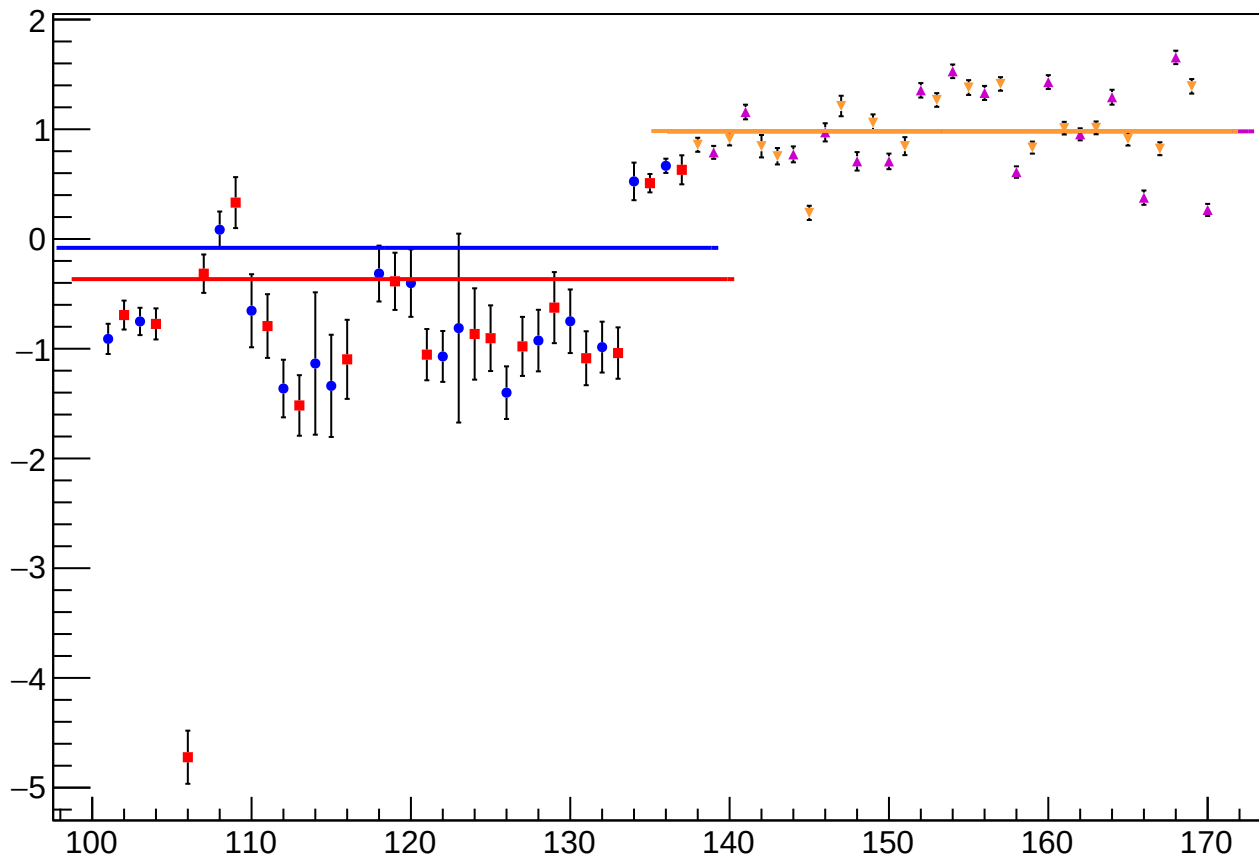
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -107.336 ± 0.323 χ^2/NDF : 2263.4/32

Out: -108.276 ± 0.319 χ^2/NDF : 1675.9/34

All: -107.811 ± 0.227 χ^2/NDF : 3943.6/67

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: 0.984 ± 0.016 χ^2/NDF : 315.7/16

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.981 ± 0.016 χ^2/NDF : 689.0/15

Left: 0.982 ± 0.011 χ^2/NDF : 1004.7/32

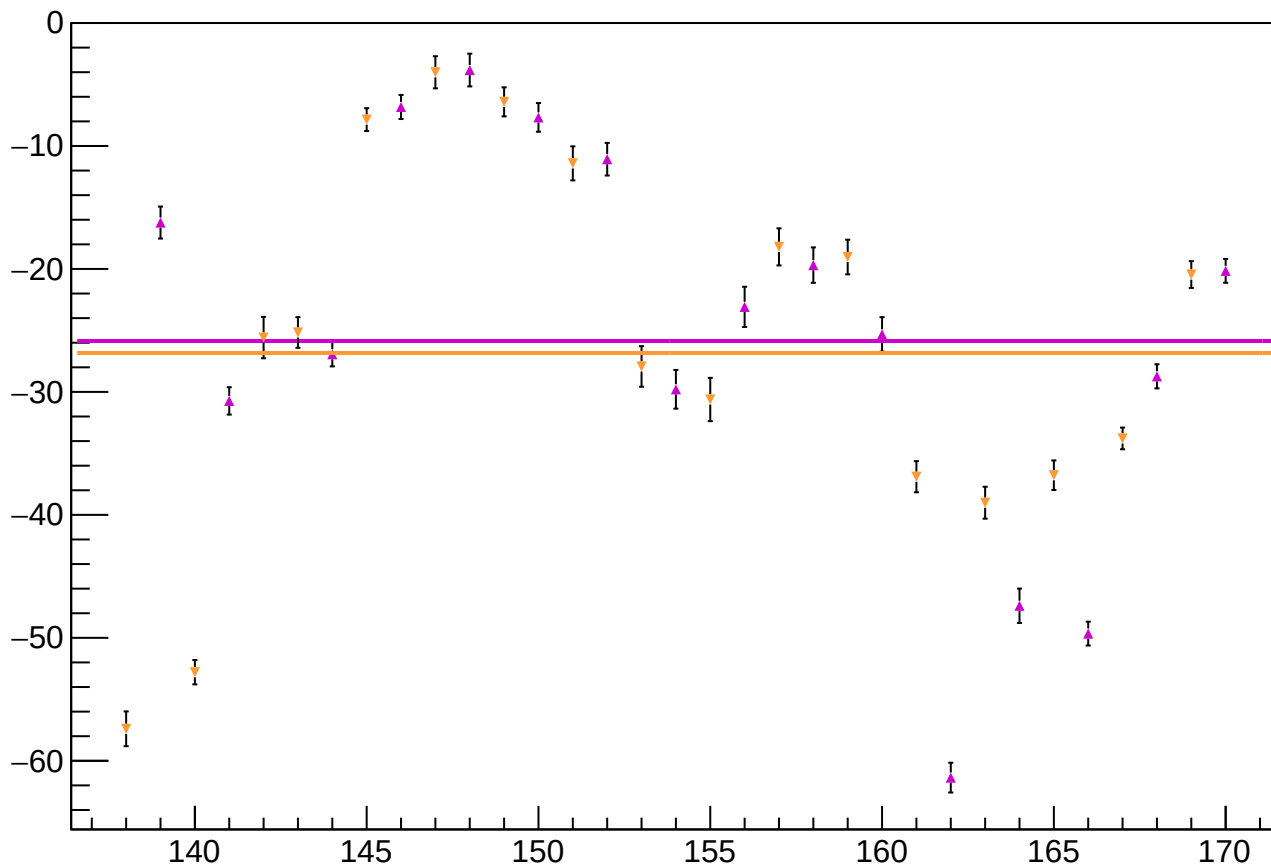
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.848 ± 0.015 χ^2/NDF : 1571.6/32

Out: 0.826 ± 0.015 χ^2/NDF : 1719.2/34

All: 0.837 ± 0.011 χ^2/NDF : 3291.8/67

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected

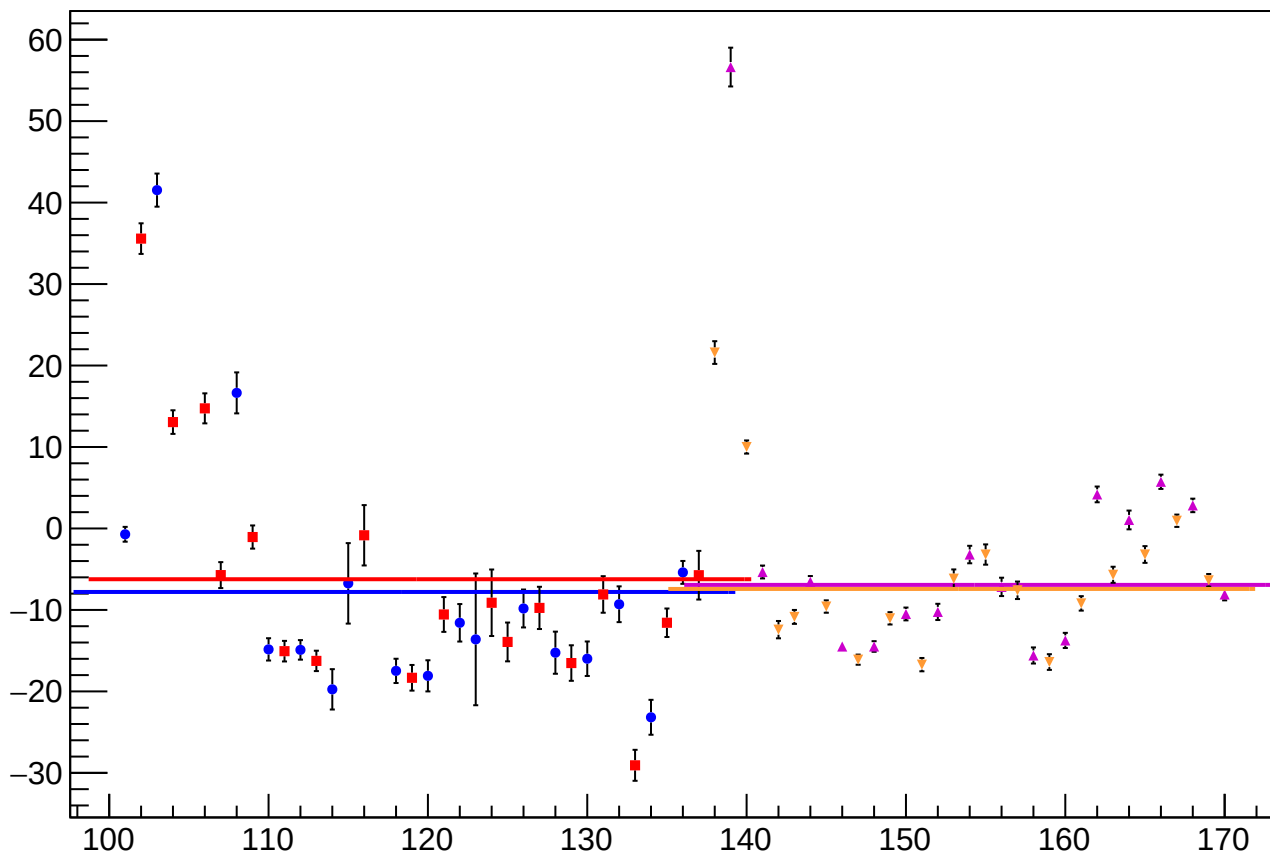


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.832+/-0.299 χ^2/NDF :2687.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.860+/-0.295 χ^2/NDF :2864.1/15

Left: -26.340+/-0.210 χ^2/NDF : 5556.7/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -25.860+/-0.295 χ^2/NDF :2864.1/15
 Out: -26.832+/-0.299 χ^2/NDF :2687.3/16

All: -26.340+/-0.210 χ^2/NDF : 5556.7/32

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: -7.425 ± 0.214 χ^2/NDF : 1537.5/16

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -6.926 ± 0.214 χ^2/NDF : 1706.8/15

Left: -7.176 ± 0.151 χ^2/NDF : 3247.0/32

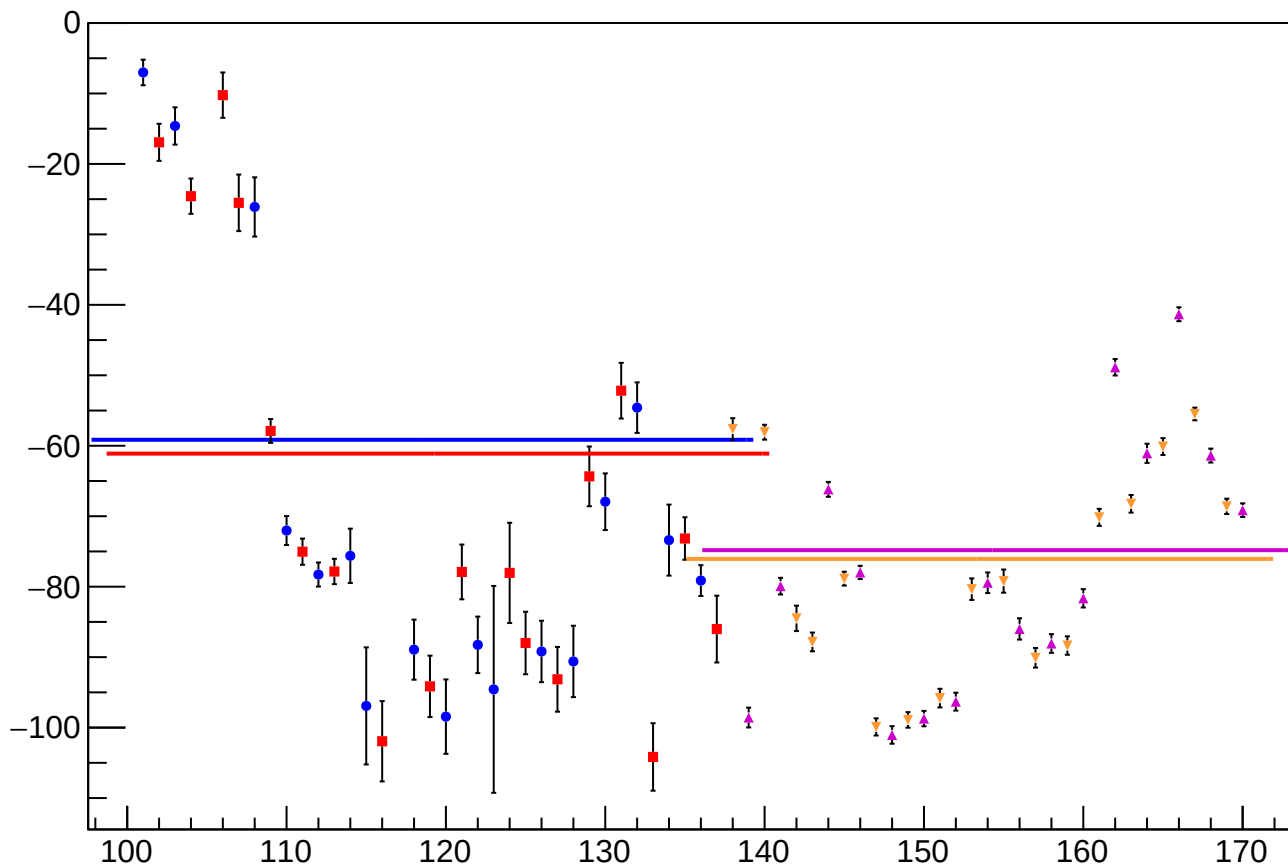
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -7.100 ± 0.192 χ^2/NDF : 2692.8/32

Out: -7.188 ± 0.192 χ^2/NDF : 2726.6/34

All: -7.144 ± 0.136 χ^2/NDF : 5419.5/67

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: -76.058 ± 0.298 χ^2/NDF : 2587.9/16

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -74.818 ± 0.291 χ^2/NDF : 3745.1/15

Left: -75.424 ± 0.208 χ^2/NDF : 6341.9/32

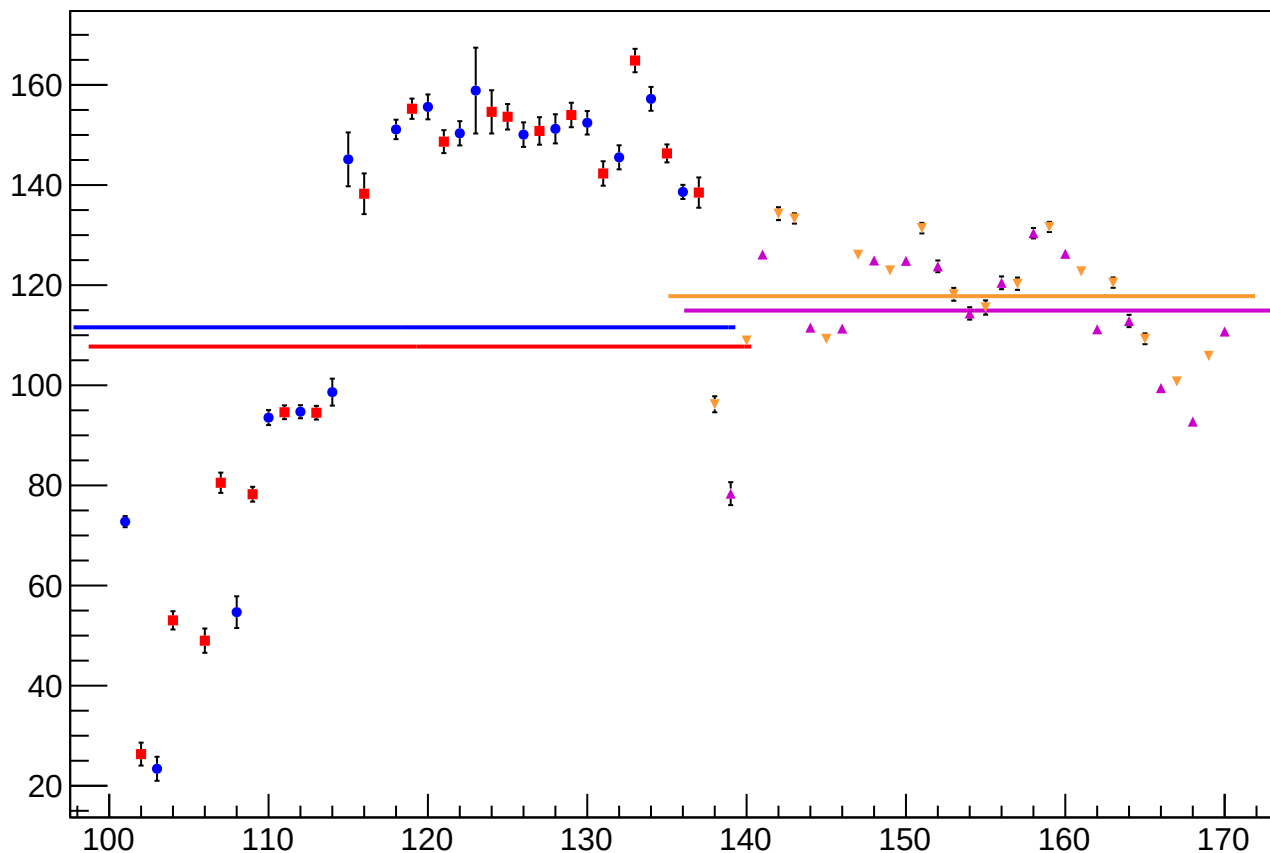
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -72.741 ± 0.271 χ^2/NDF : 5846.8/32

Out: -73.812 ± 0.274 χ^2/NDF : 4284.6/34

All: -73.271 ± 0.193 χ^2/NDF : 10139.1/67

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 117.808 $\pm$ 0.249 χ^2 /NDF:1940.4/16

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 114.926 $\pm$ 0.248 χ^2 /NDF:1937.1/15

Left: 116.364 $\pm$ 0.176 χ^2 /NDF: 3944.7/32

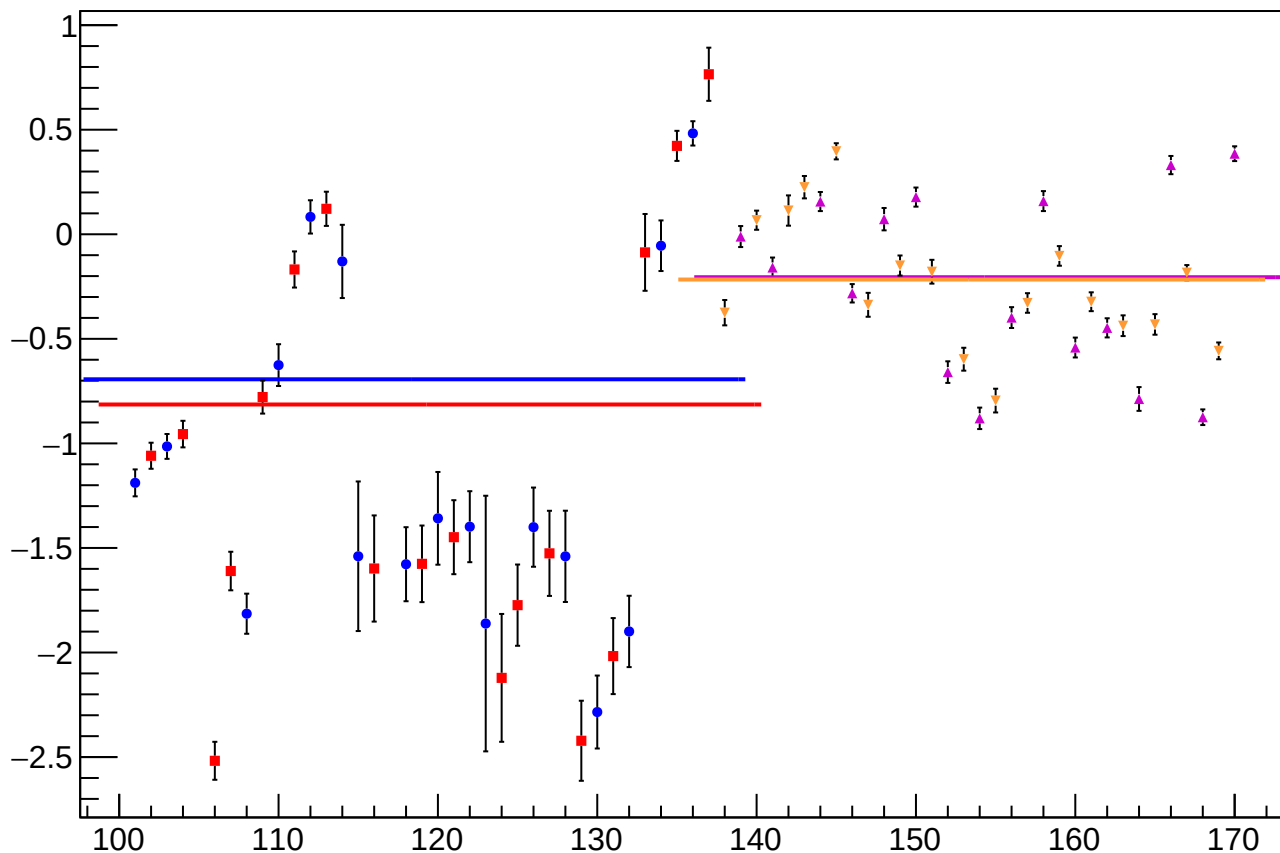
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 114.236 $\pm$ 0.221 χ^2 /NDF:7920.4/32

Out: 115.732 $\pm$ 0.222 χ^2 /NDF:9114.1/34

All: 114.982 $\pm$ 0.157 χ^2 /NDF: 17057.3/67

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 $\chi^2/\text{NDF}: 990.7/16$

Left Out: -0.216 ± 0.012 $\chi^2/\text{NDF}: 674.3/16$

Right Out: -0.814 ± 0.024 $\chi^2/\text{NDF}: 1308.8/17$

Left In: -0.205 ± 0.012 $\chi^2/\text{NDF}: 1436.0/15$

Left: -0.211 ± 0.008 $\chi^2/\text{NDF}: 2110.8/32$

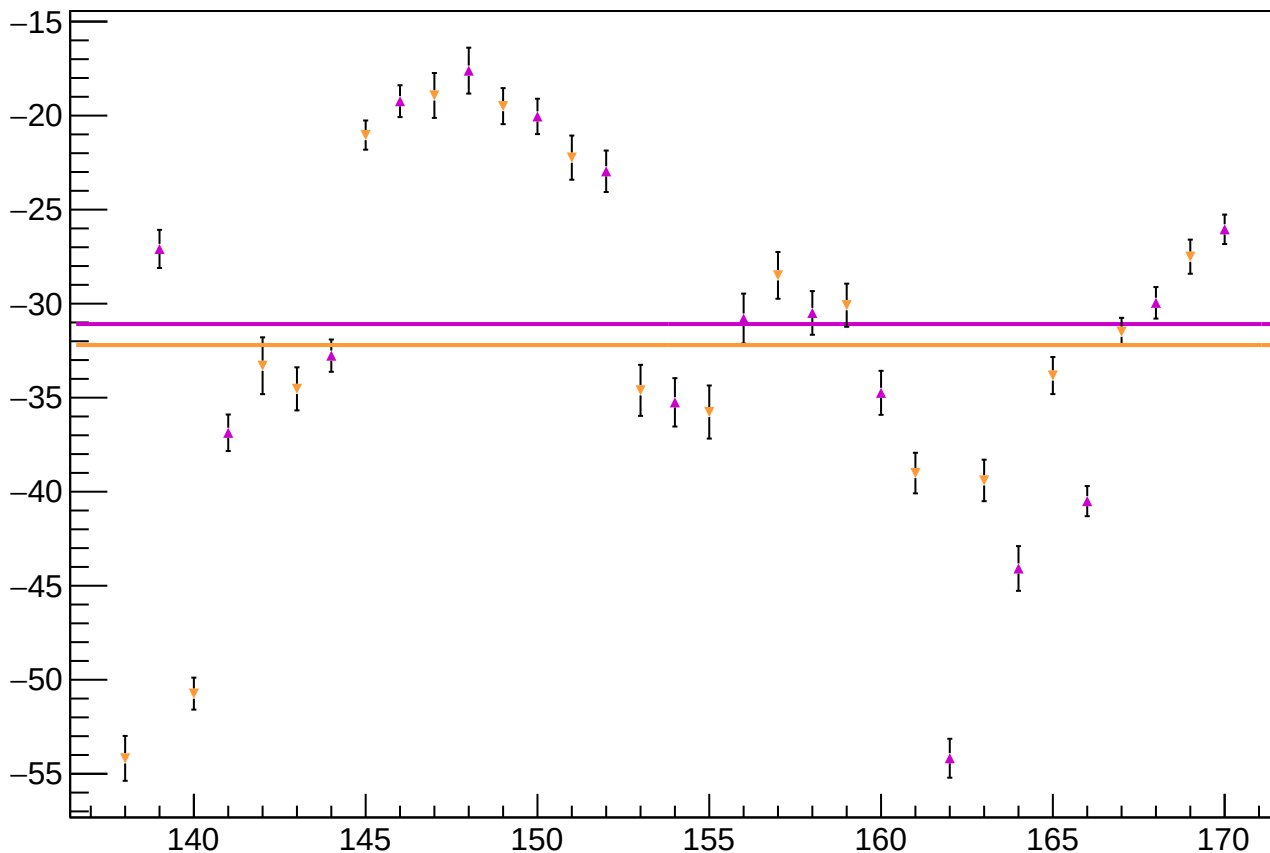
Right: -0.757 ± 0.018 $\chi^2/\text{NDF}: 2310.9/34$

In: -0.287 ± 0.011 $\chi^2/\text{NDF}: 2725.0/32$

Out: -0.328 ± 0.011 $\chi^2/\text{NDF}: 2467.4/34$

All: -0.307 ± 0.007 $\chi^2/\text{NDF}: 5200.1/67$

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: -32.200+/-0.253 χ^2/NDF :1532.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.085+/-0.248 χ^2/NDF :1383.5/15

Left: -31.631+/-0.177 χ^2/NDF : 2925.7/32

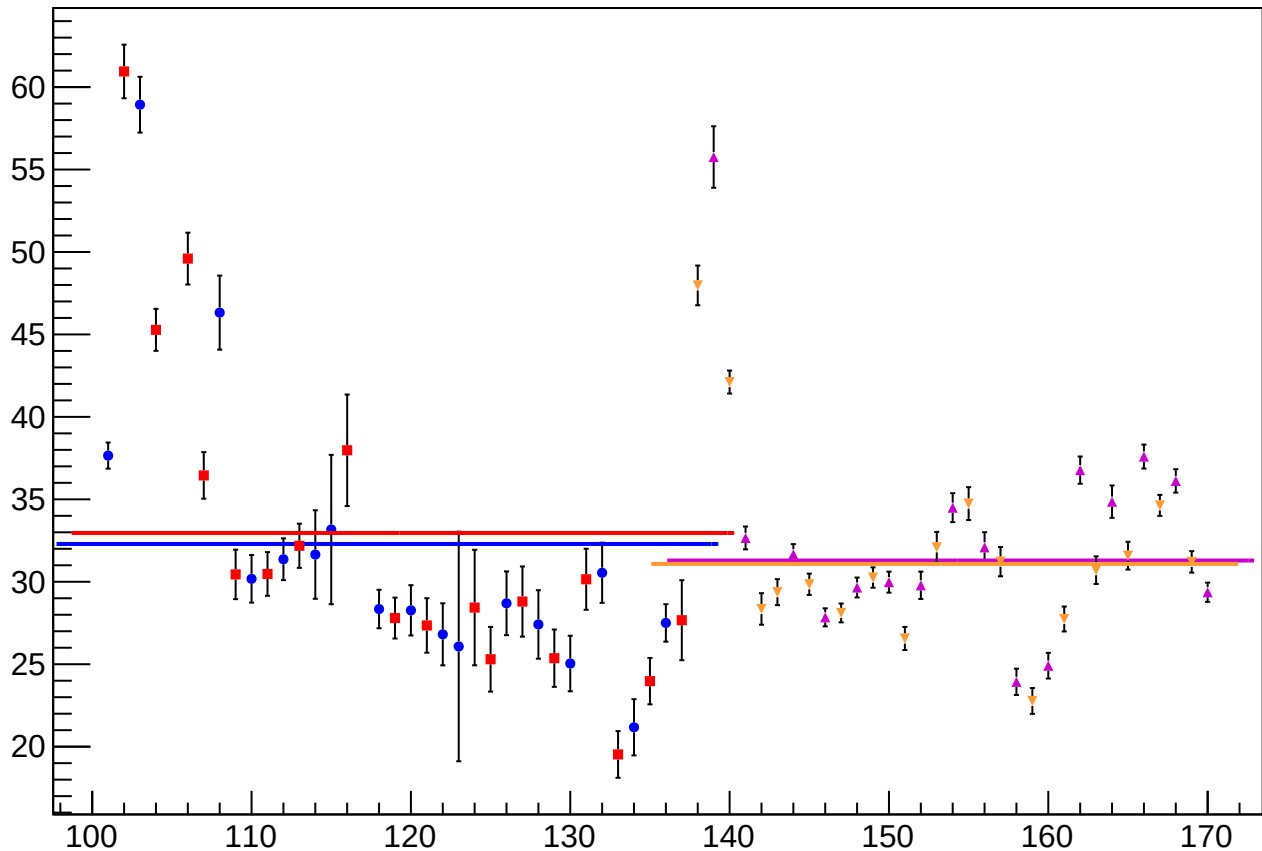
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.085+/-0.248 χ^2/NDF :1383.5/15

Out: -32.200+/-0.253 χ^2/NDF :1532.3/16

All: -31.631+/-0.177 χ^2/NDF : 2925.7/32

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 31.084 $\pm$ 0.183 χ^2 /NDF: 711.2/16

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 31.289 $\pm$ 0.182 χ^2 /NDF: 586.9/15

Left: 31.187 $\pm$ 0.129 χ^2 /NDF: 1298.7/32

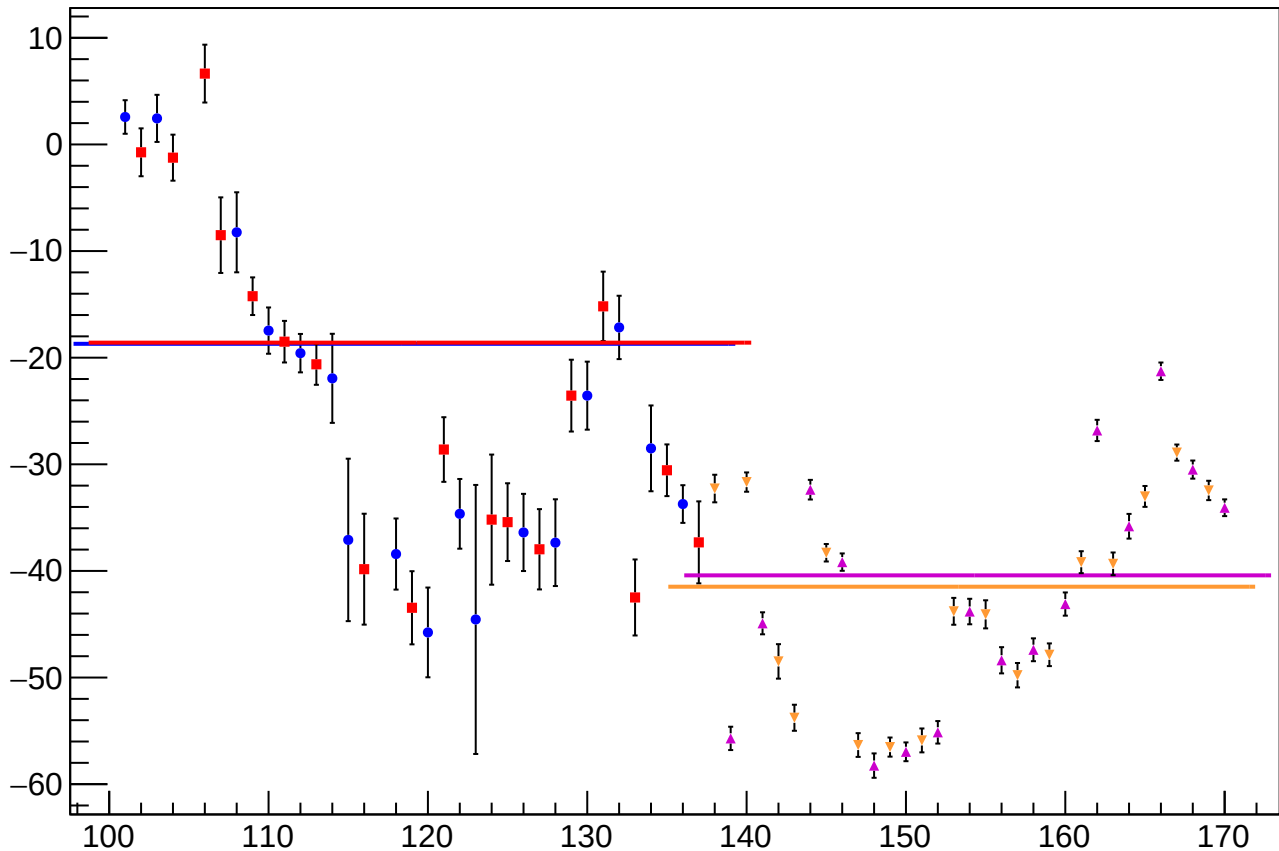
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 31.483 $\pm$ 0.164 χ^2 /NDF: 1045.2/32

Out: 31.436 $\pm$ 0.165 χ^2 /NDF: 1455.0/34

All: 31.459 $\pm$ 0.116 χ^2 /NDF: 2500.3/67

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: -41.480 ± 0.251 $\chi^2/\text{NDF}: 1482.9/16$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -40.416 ± 0.244 $\chi^2/\text{NDF}: 2136.1/15$

Left: -40.934 ± 0.175 $\chi^2/\text{NDF}: 3628.2/32$

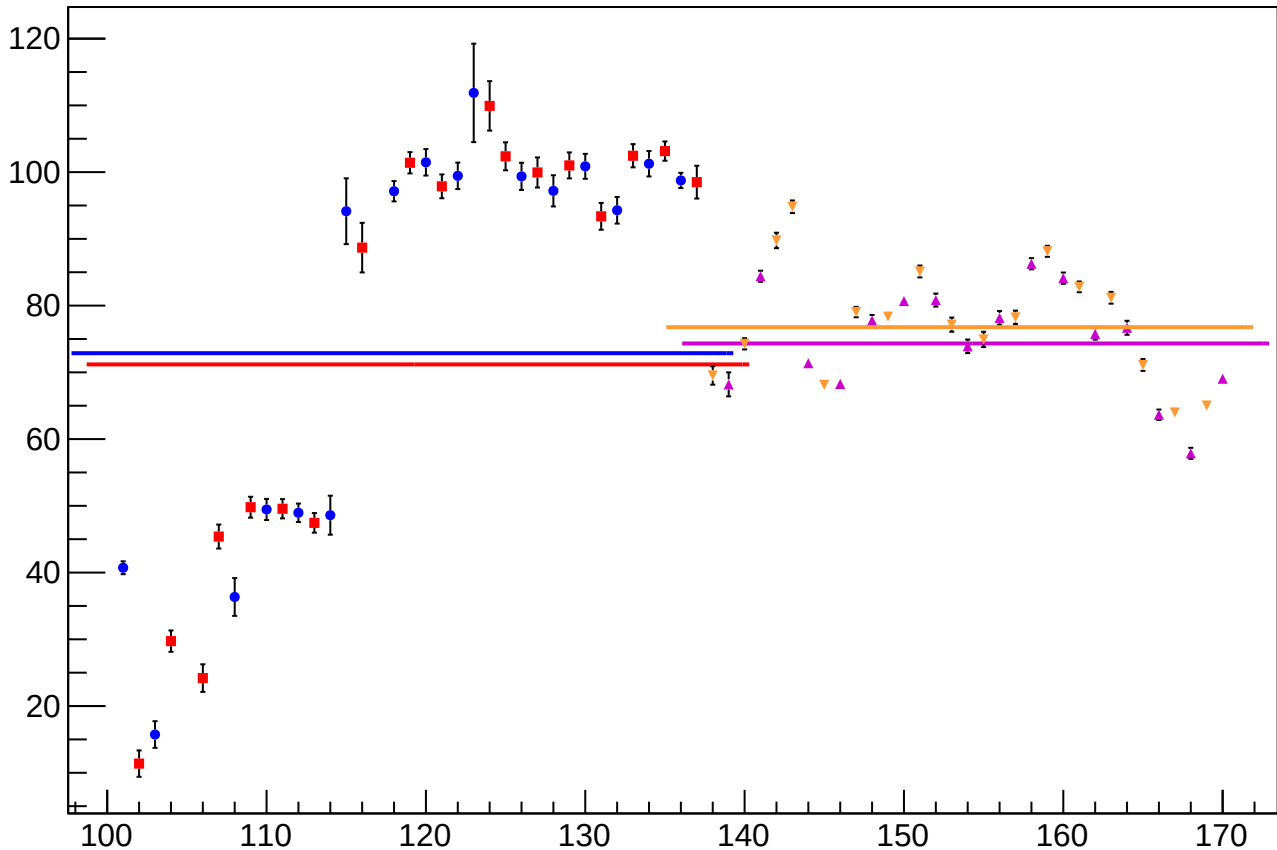
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -37.844 ± 0.229 $\chi^2/\text{NDF}: 3591.1/32$

Out: -38.492 ± 0.234 $\chi^2/\text{NDF}: 3030.6/34$

All: -38.162 ± 0.164 $\chi^2/\text{NDF}: 6625.6/67$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2 /NDF: 4727.1/16

Left Out: 76.769+/-0.211 χ^2 /NDF:1674.6/16

Right Out: 71.190+/-0.434 χ^2 /NDF: 5375.1/17

Left In: 74.328+/-0.210 χ^2 /NDF:1403.3/15

Left: 75.541+/-0.149 χ^2 /NDF: 3145.1/32

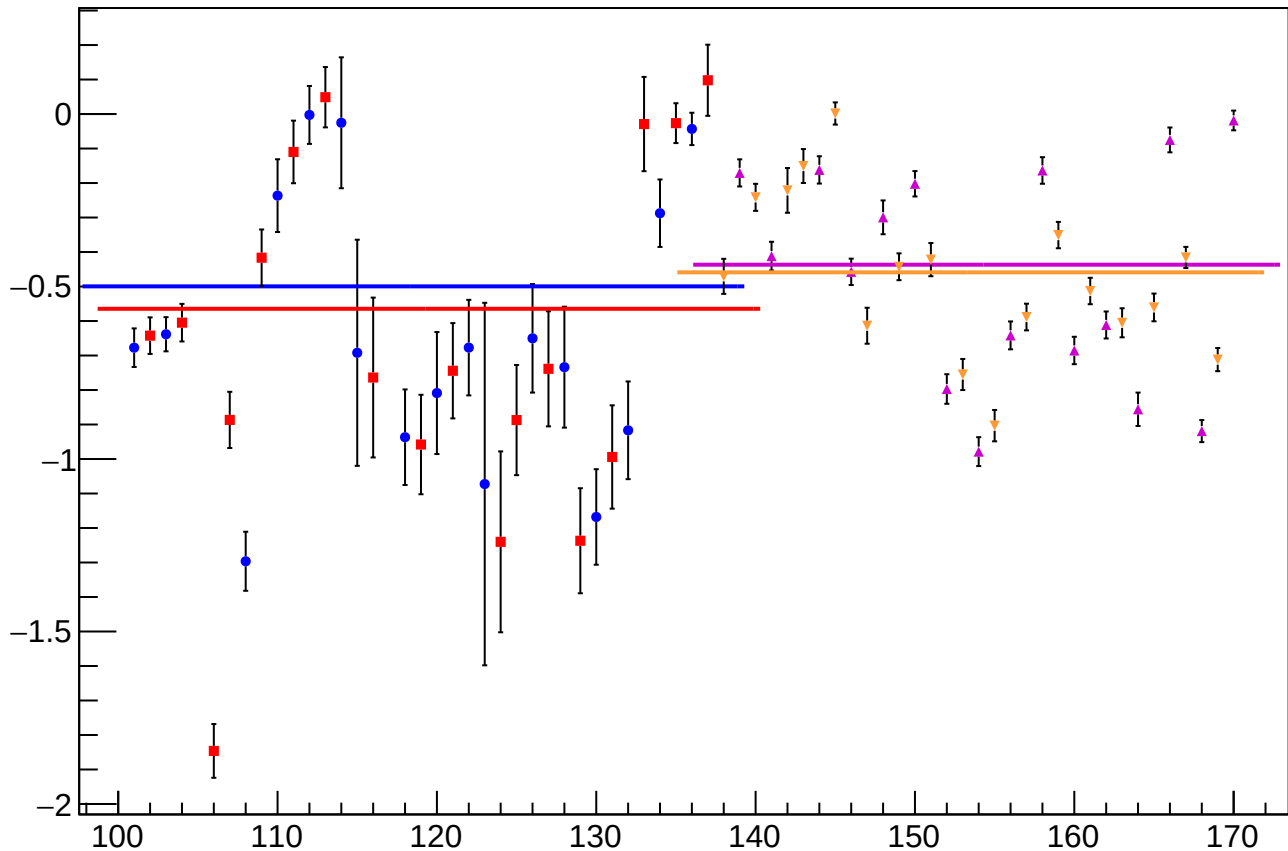
Right: 72.045+/-0.304 χ^2 /NDF: 10109.9/34

In: 74.044+/-0.188 χ^2 /NDF:6139.8/32

Out: 75.702+/-0.190 χ^2 /NDF:7183.3/34

All: 74.866+/-0.134 χ^2 /NDF: 13361.5/67

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: -0.459 ± 0.010 χ^2/NDF : 535.3/16

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.437 ± 0.010 χ^2/NDF : 1133.9/15

Left: -0.448 ± 0.007 χ^2/NDF : 1671.8/32

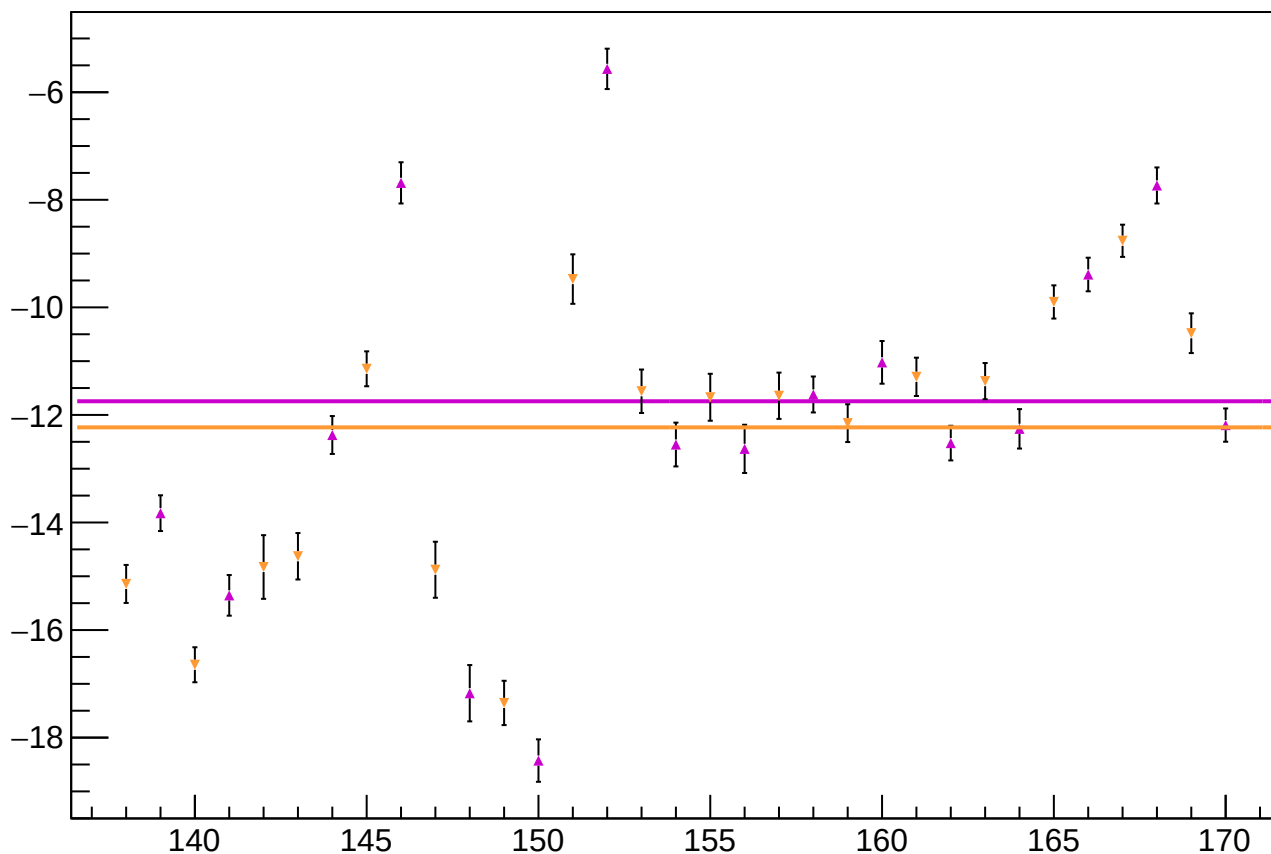
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.447 ± 0.009 χ^2/NDF : 1443.2/32

Out: -0.477 ± 0.009 χ^2/NDF : 1114.6/34

All: -0.462 ± 0.006 χ^2/NDF : 2563.7/67

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: -12.231+/-0.091 χ^2/NDF : 763.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Left: -11.987+/-0.064 χ^2/NDF : 1909.9/32

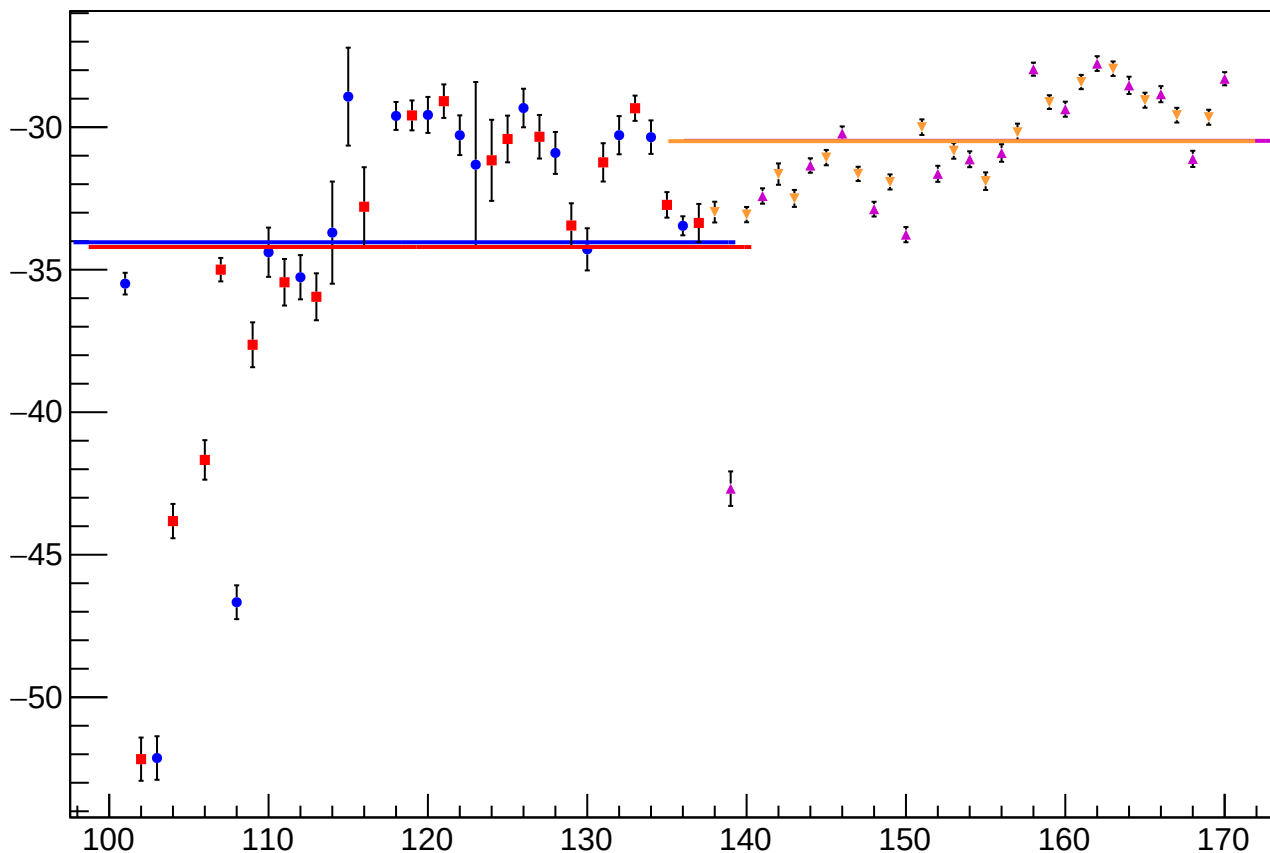
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Out: -12.231+/-0.091 χ^2/NDF : 763.2/16

All: -11.987+/-0.064 χ^2/NDF : 1909.9/32

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.490 ± 0.067 χ^2/NDF : 527.4/16

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.479 ± 0.068 χ^2/NDF : 1148.0/15

Left: -30.485 ± 0.048 χ^2/NDF : 1675.4/32

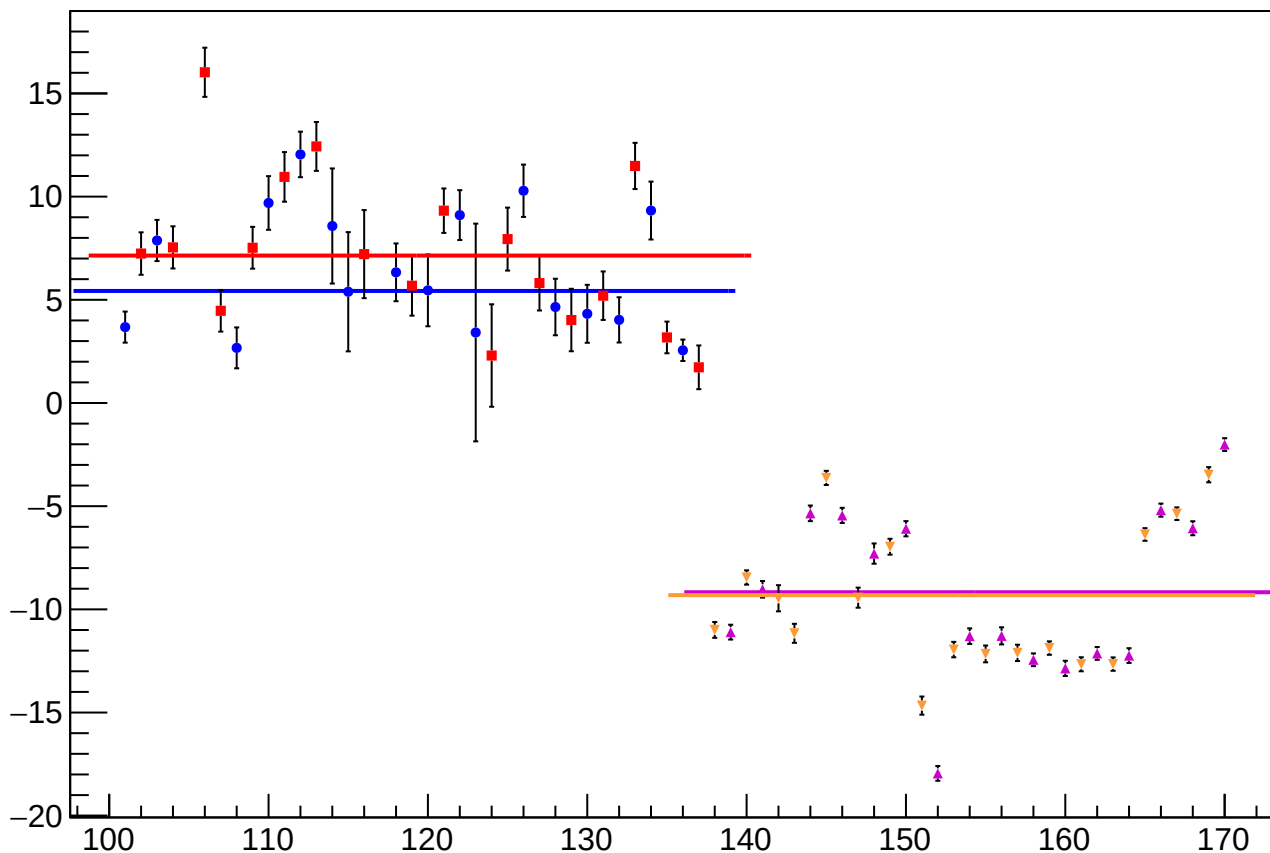
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.080 ± 0.062 χ^2/NDF : 2953.4/32

Out: -31.101 ± 0.061 χ^2/NDF : 2355.1/34

All: -31.091 ± 0.044 χ^2/NDF : 5308.6/67

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 $\pm$ 0.270 χ^2 /NDF: 132.6/16

Left Out: -9.310 $\pm$ 0.090 χ^2 /NDF:1421.5/16

Right Out: 7.144 $\pm$ 0.275 χ^2 /NDF: 177.9/17

Left In: -9.170 $\pm$ 0.089 χ^2 /NDF:2124.6/15

Left: -9.239 $\pm$ 0.063 χ^2 /NDF: 3547.3/32

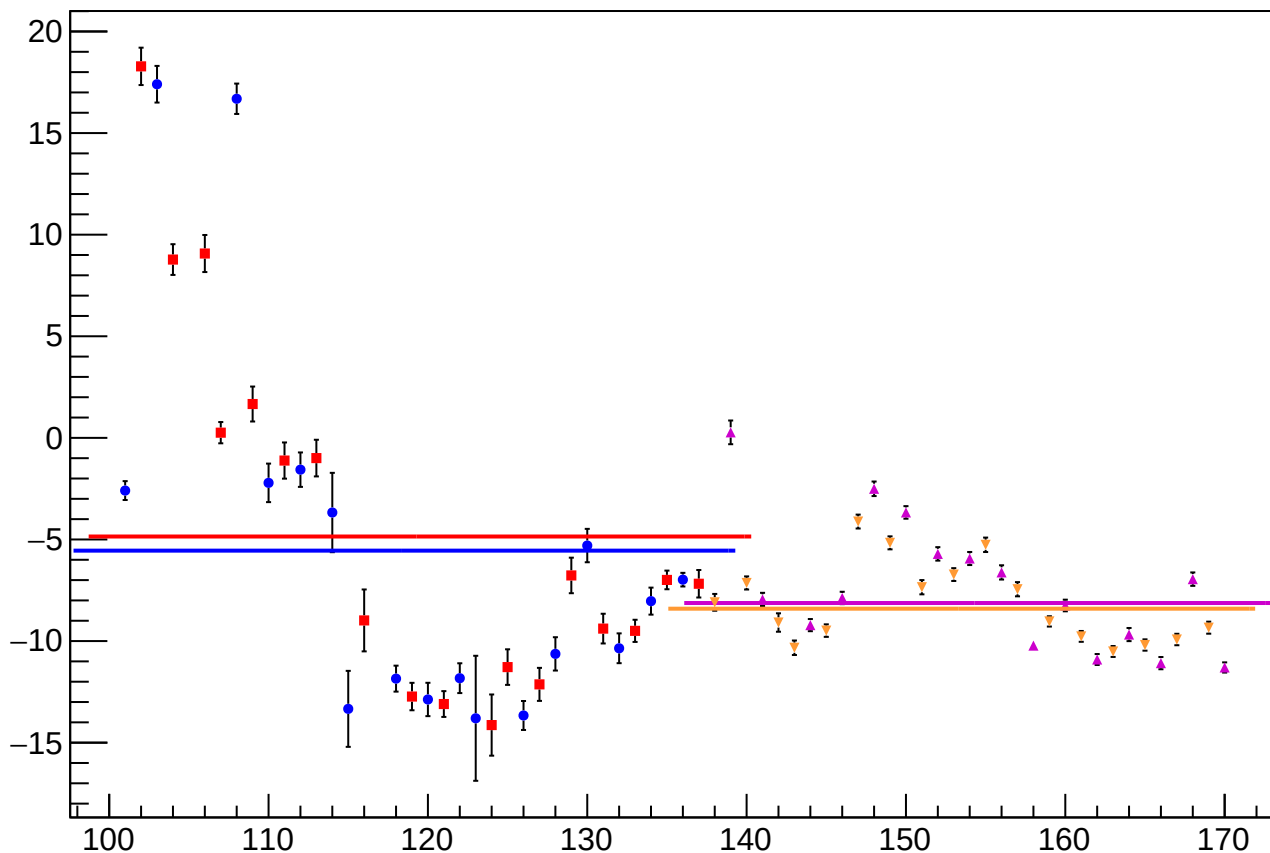
Right: 6.271 $\pm$ 0.193 χ^2 /NDF: 330.3/34

In: -7.730 $\pm$ 0.085 χ^2 /NDF:4894.6/32

Out: -7.708 $\pm$ 0.086 χ^2 /NDF:4832.5/34

All: -7.719 $\pm$ 0.060 χ^2 /NDF: 9727.2/67

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: -8.407 ± 0.076 χ^2/NDF : 616.1/16

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.127 ± 0.077 χ^2/NDF : 1267.2/15

Left: -8.268 ± 0.054 χ^2/NDF : 1889.9/32

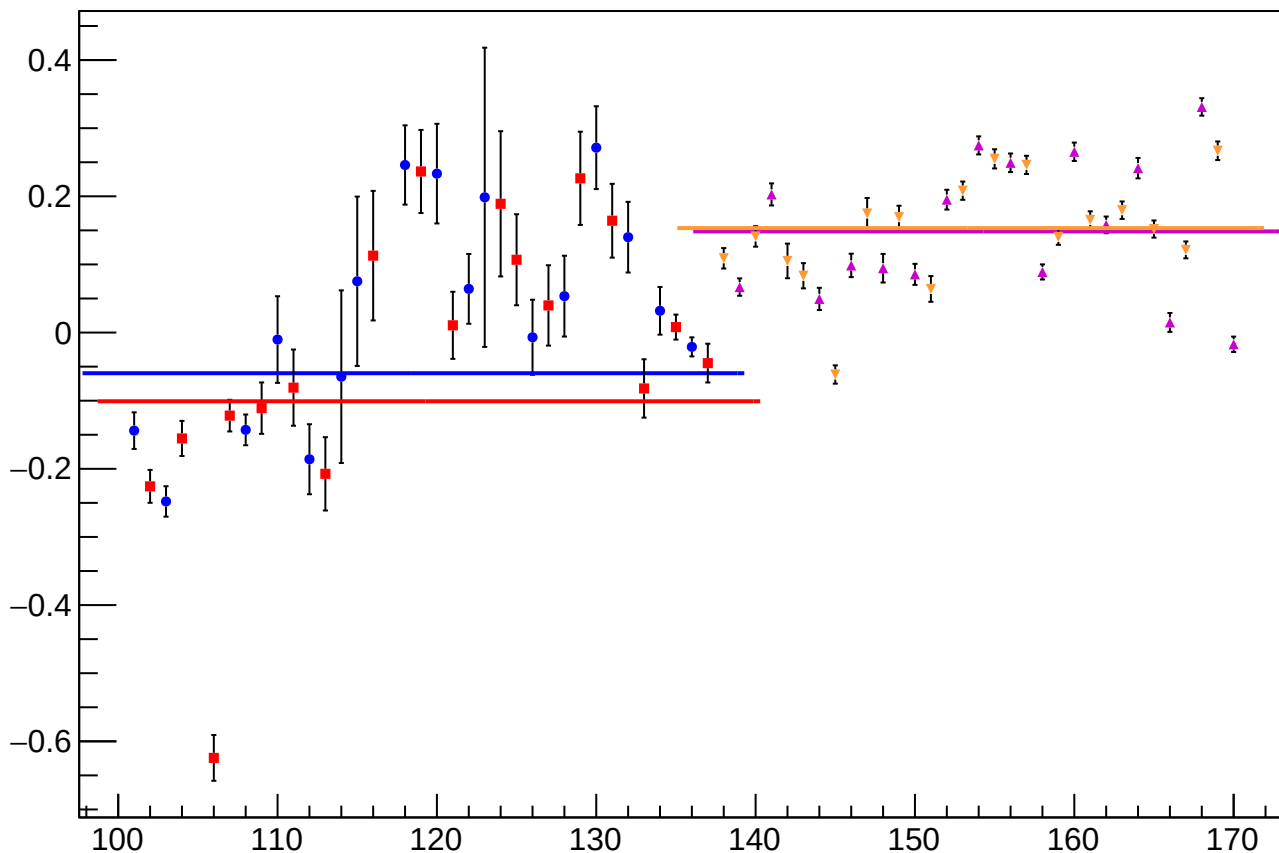
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.688 ± 0.070 χ^2/NDF : 3584.2/32

Out: -7.826 ± 0.070 χ^2/NDF : 2982.6/34

All: -7.758 ± 0.050 χ^2/NDF : 6568.8/67

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: 0.153 ± 0.004 χ^2/NDF : 506.1/16

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.149 ± 0.003 χ^2/NDF : 931.3/15

Left: 0.151 ± 0.002 χ^2/NDF : 1438.3/32

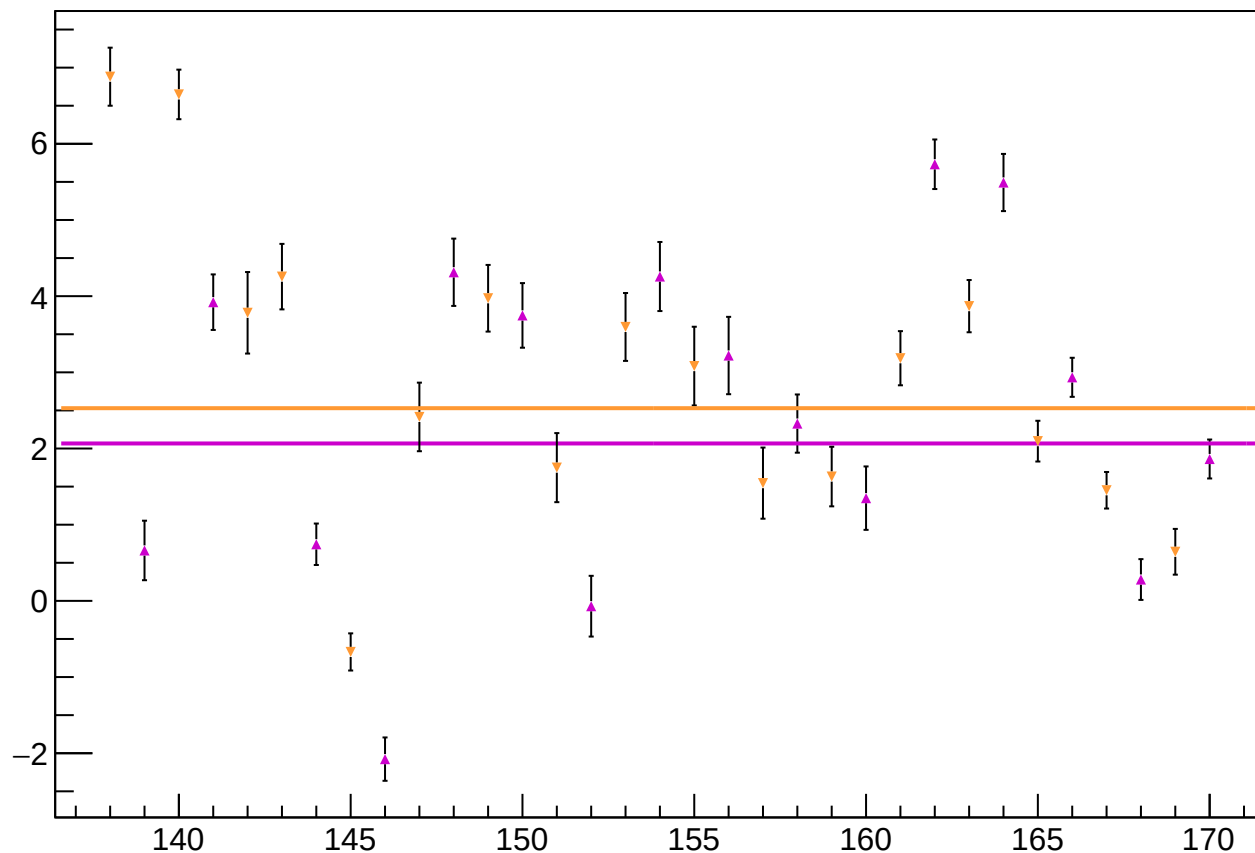
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.118 ± 0.003 χ^2/NDF : 1673.3/32

Out: 0.116 ± 0.003 χ^2/NDF : 1707.4/34

All: 0.117 ± 0.002 χ^2/NDF : 3380.9/67

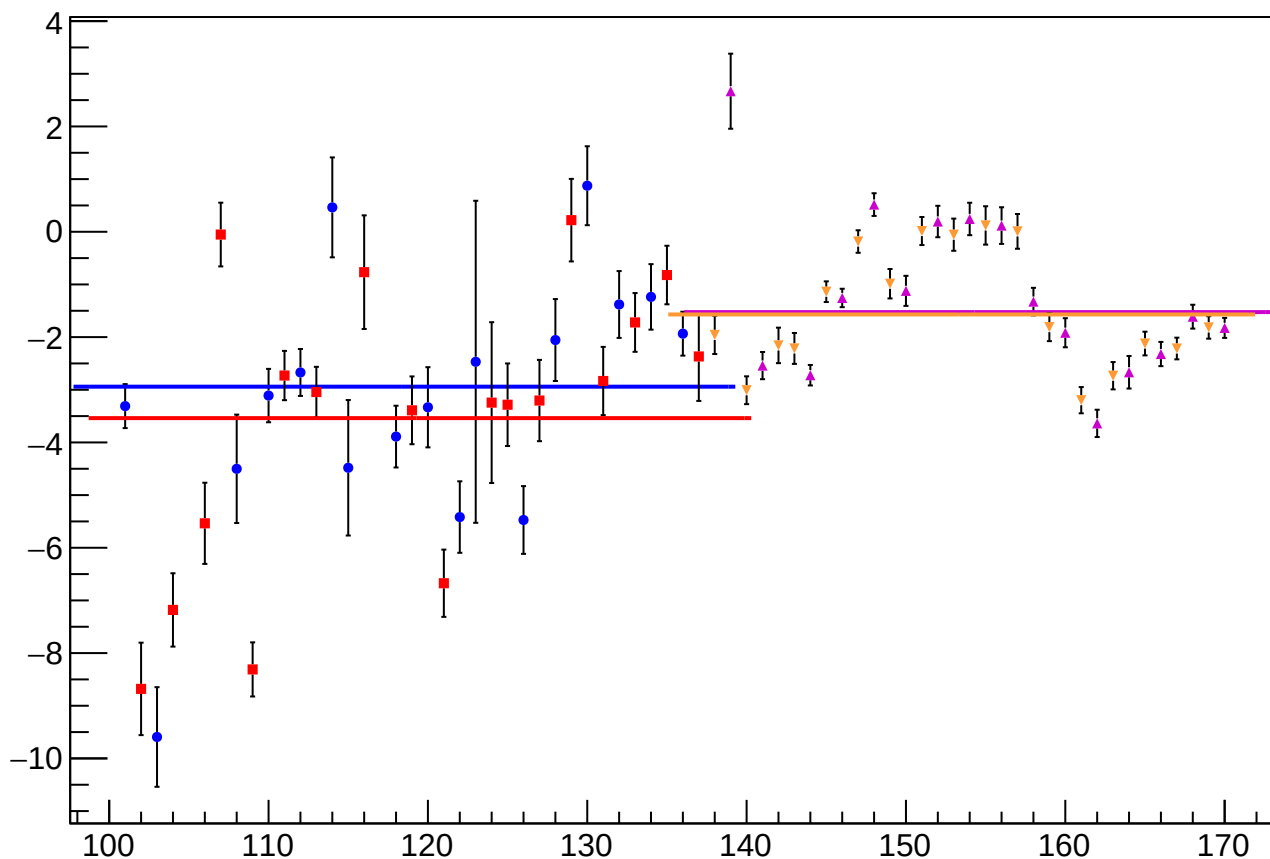
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.529 $\pm$ 0.086 χ^2 /NDF:595.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.066 $\pm$ 0.085 χ^2 /NDF:643.7/15

Left: 2.295 $\pm$ 0.060 χ^2 /NDF: 1254.3/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.066 $\pm$ 0.085 χ^2 /NDF:643.7/15
 Out: 2.529 $\pm$ 0.086 χ^2 /NDF:595.8/16
 All: 2.295 $\pm$ 0.060 χ^2 /NDF: 1254.3/32

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.570 ± 0.063 χ^2/NDF : 275.1/16

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.525 ± 0.062 χ^2/NDF : 368.1/15

Left: -1.547 ± 0.044 χ^2/NDF : 643.4/32

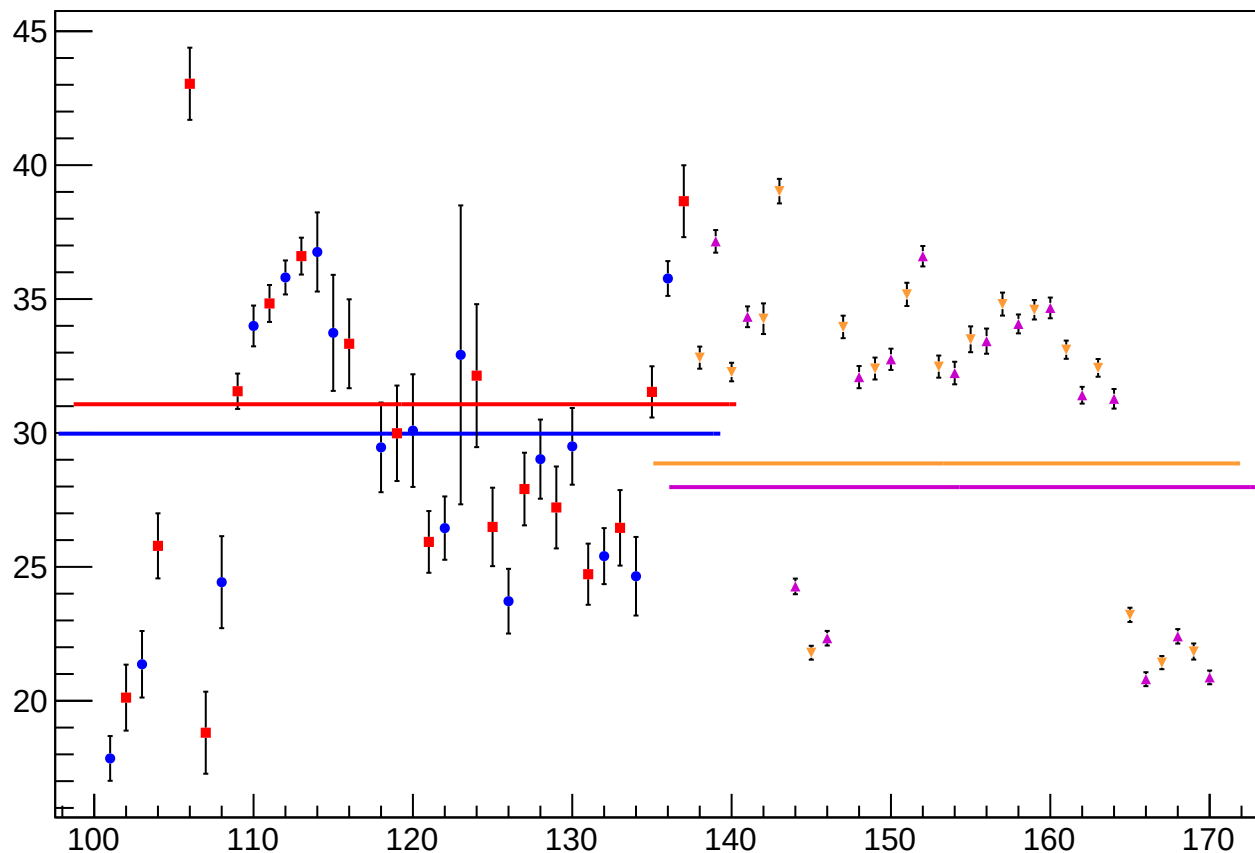
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.723 ± 0.058 χ^2/NDF : 586.3/32

Out: -1.848 ± 0.058 χ^2/NDF : 697.8/34

All: -1.785 ± 0.041 χ^2/NDF : 1286.4/67

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



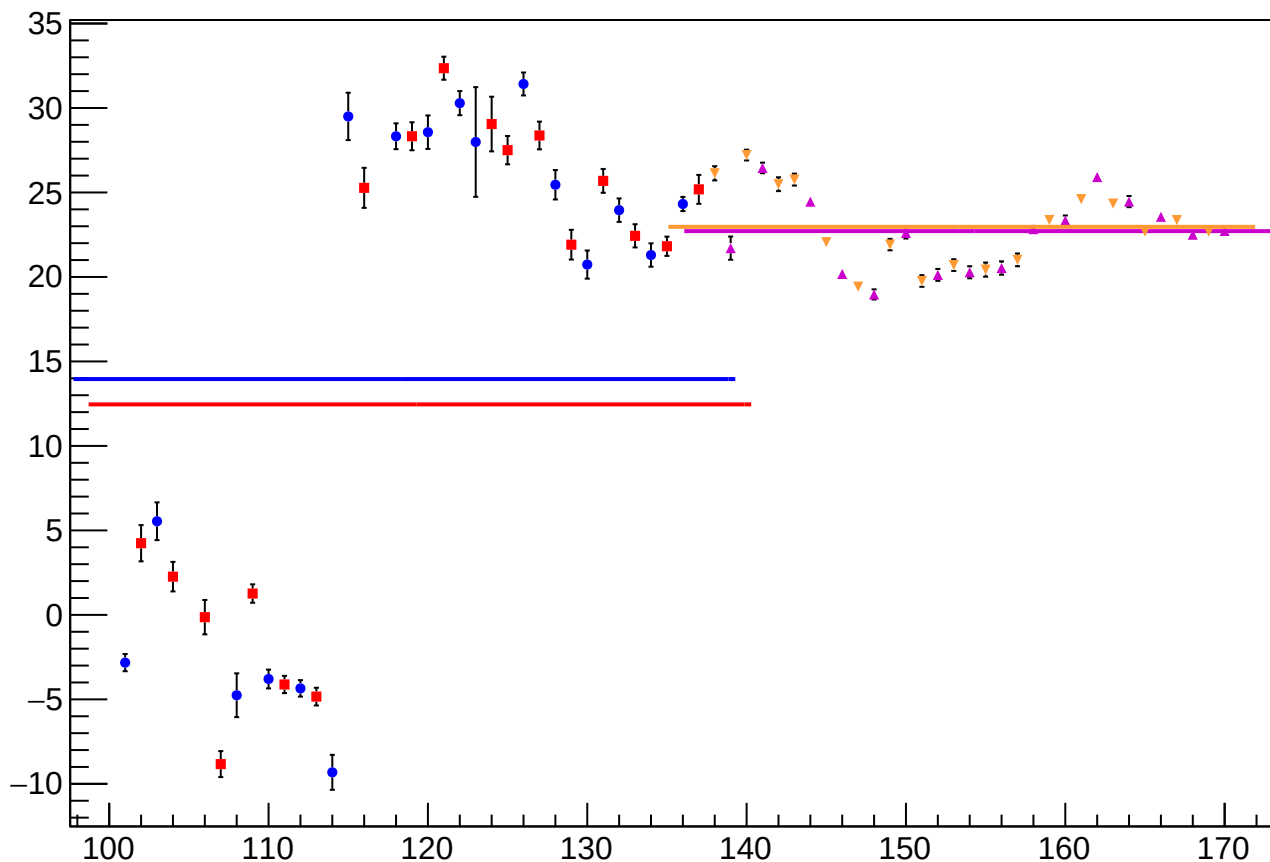
Left: 28.411 +/- 0.060 χ^2/NDF : 9867.9/32
 Right: 30.537 +/- 0.187 χ^2/NDF : 1016.0/34

Right In: 29.974 +/- 0.267 χ^2/NDF : 553.9/16
 Left Out: 28.863 +/- 0.086 χ^2/NDF : 4744.1/16
 Right Out: 31.073 +/- 0.260 χ^2/NDF : 453.4/17
 Left In: 27.979 +/- 0.084 χ^2/NDF : 5069.3/15

In: 28.157 +/- 0.080 χ^2/NDF : 5674.0/32
 Out: 29.078 +/- 0.081 χ^2/NDF : 5262.4/34

All: 28.610 +/- 0.057 χ^2/NDF : 11001.7/67

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: 22.966 $\pm$ 0.072 χ^2 /NDF: 767.5/16

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.713 $\pm$ 0.071 χ^2 /NDF: 807.7/15

Left: 22.839 $\pm$ 0.051 χ^2 /NDF: 1581.4/32

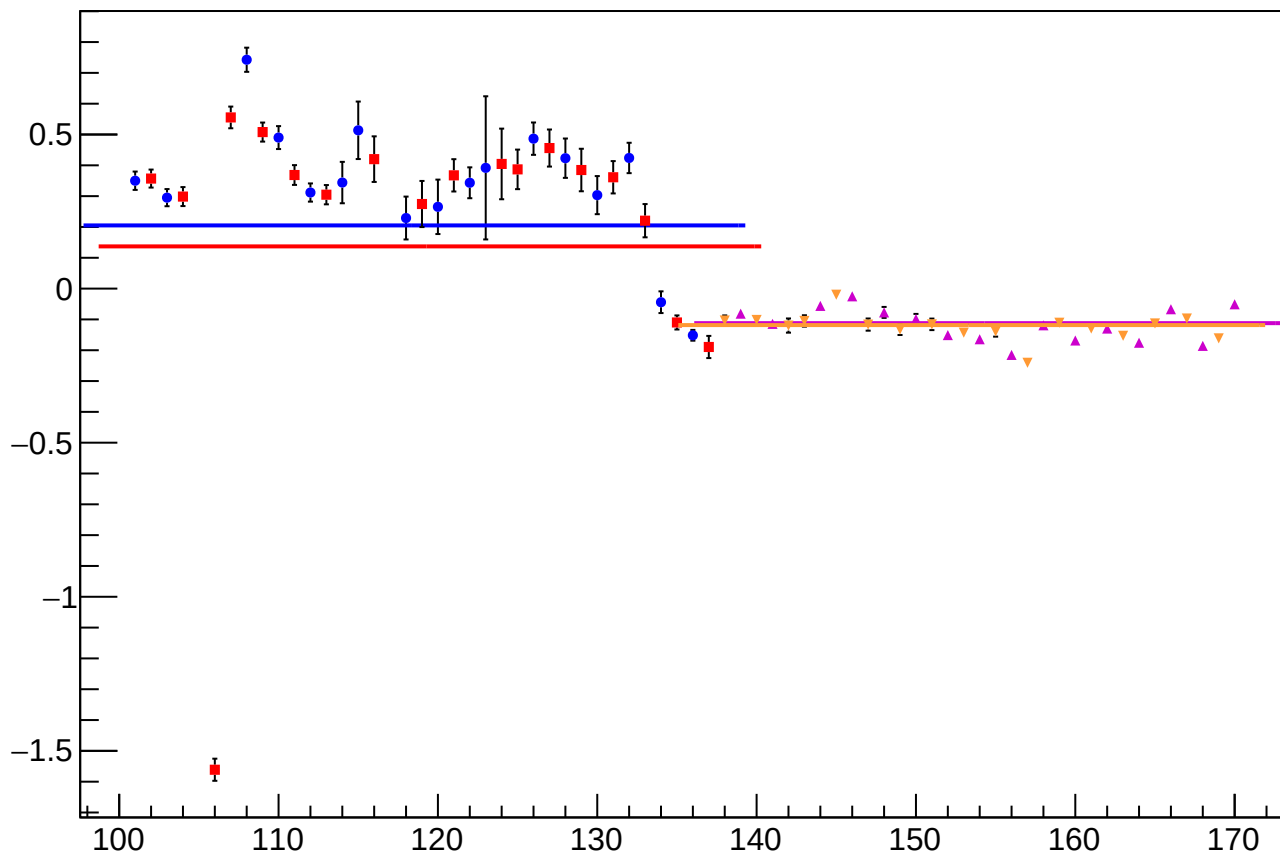
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.428 $\pm$ 0.066 χ^2 /NDF: 10360.0/32

Out: 21.430 $\pm$ 0.066 χ^2 /NDF: 10871.3/34

All: 21.429 $\pm$ 0.047 χ^2 /NDF: 21231.2/67

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: -0.118 ± 0.003 $\chi^2/\text{NDF}: 200.7/16$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.112 ± 0.003 $\chi^2/\text{NDF}: 284.6/15$

Left: -0.115 ± 0.002 $\chi^2/\text{NDF}: 487.0/32$

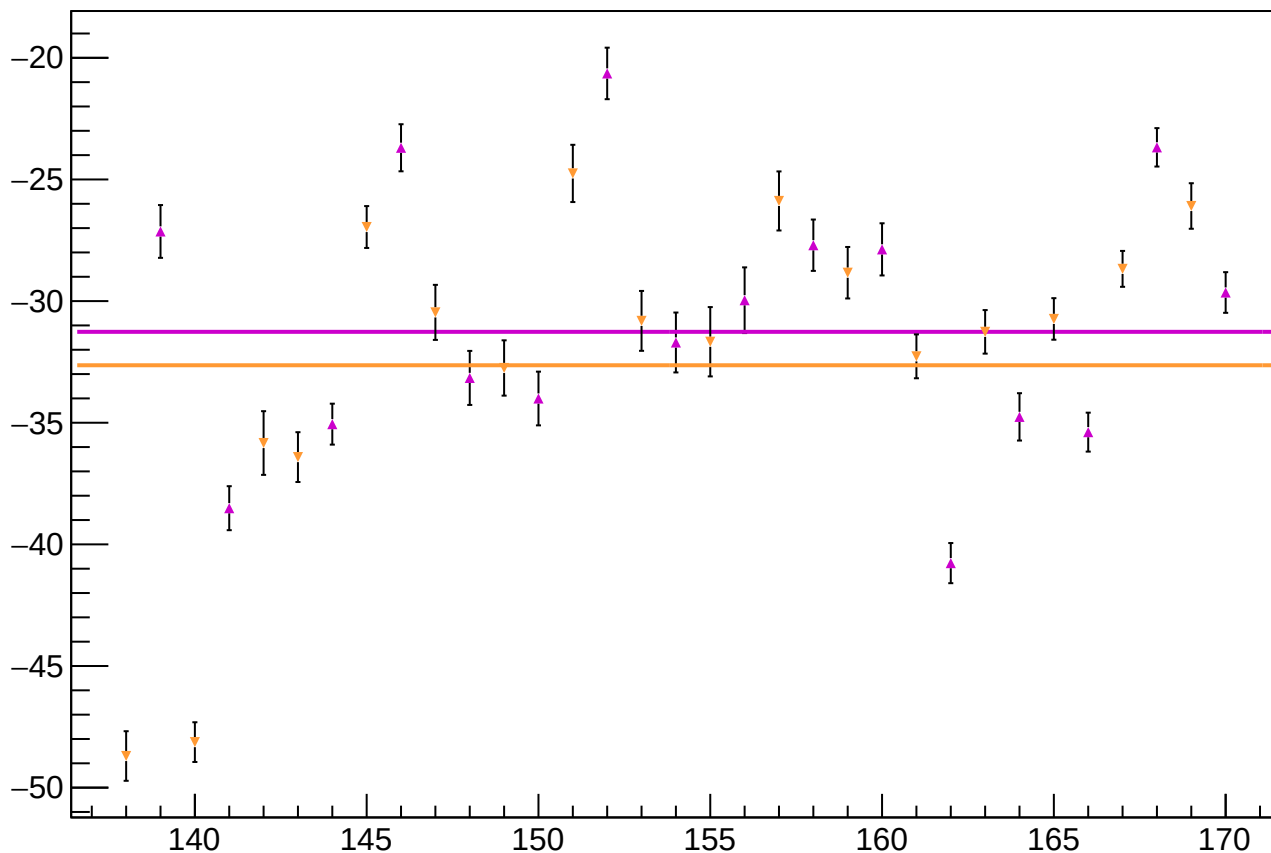
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.077 ± 0.003 $\chi^2/\text{NDF}: 2150.0/32$

Out: -0.089 ± 0.003 $\chi^2/\text{NDF}: 3886.5/34$

All: -0.083 ± 0.002 $\chi^2/\text{NDF}: 6043.2/67$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.637 $\pm$ 0.241 χ^2/NDF :851.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -31.263 $\pm$ 0.241 χ^2/NDF :560.5/15

Left: -31.950 $\pm$ 0.171 χ^2/NDF : 1428.5/32

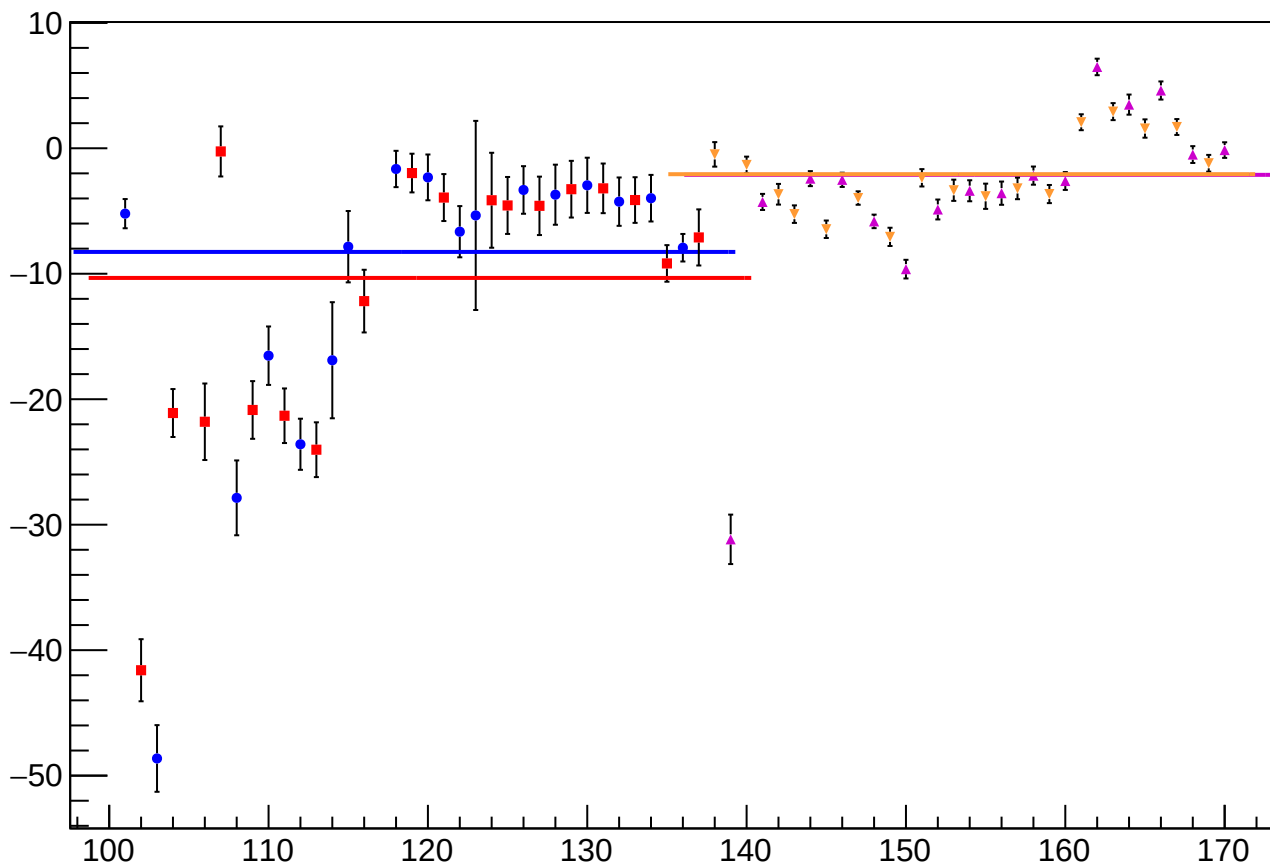
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.263 $\pm$ 0.241 χ^2/NDF :560.5/15

Out: -32.637 $\pm$ 0.241 χ^2/NDF :851.8/16

All: -31.950 $\pm$ 0.171 χ^2/NDF : 1428.5/32

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.067 ± 0.173 $\chi^2/\text{NDF}: 298.7/16$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -2.118 ± 0.175 $\chi^2/\text{NDF}: 717.8/15$

Left: -2.092 ± 0.123 $\chi^2/\text{NDF}: 1016.5/32$

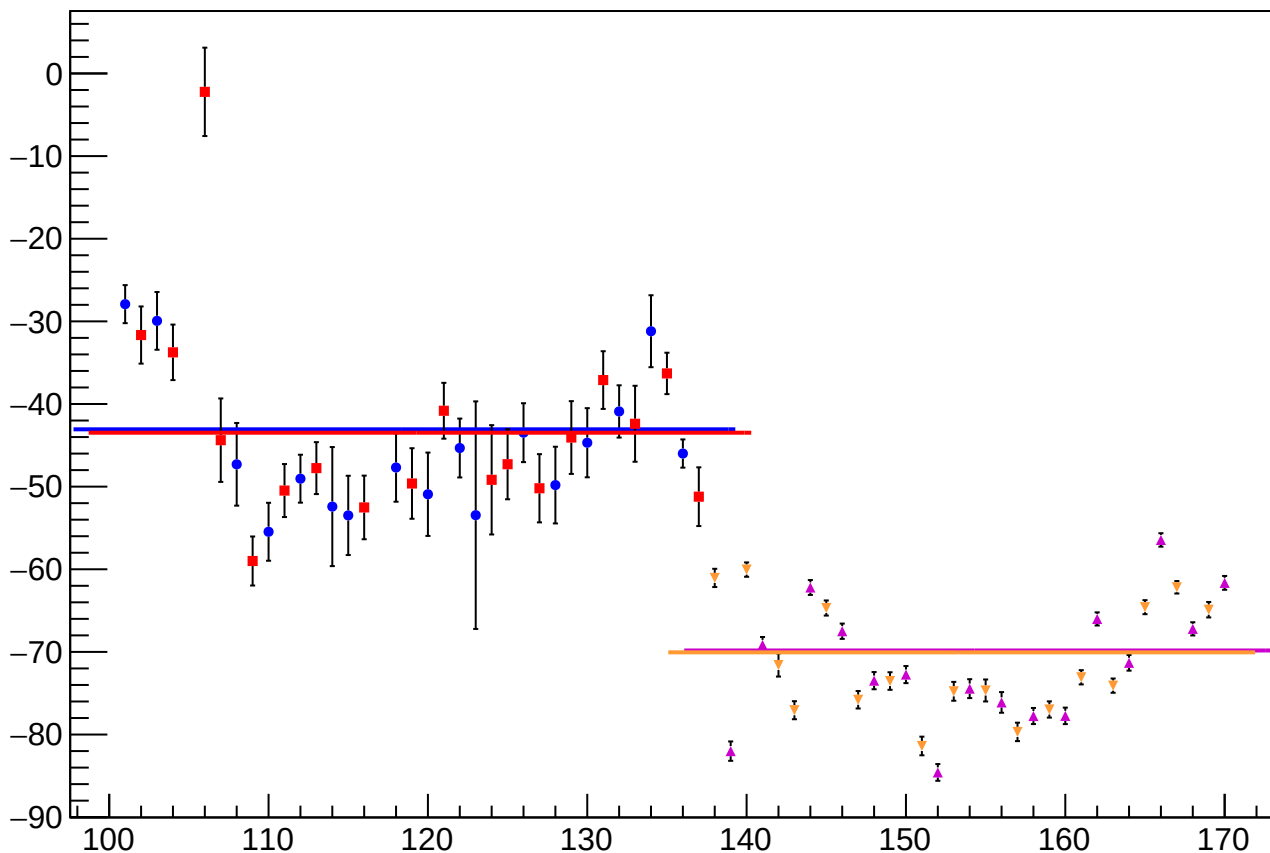
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -2.891 ± 0.164 $\chi^2/\text{NDF}: 1283.8/32$

Out: -2.981 ± 0.163 $\chi^2/\text{NDF}: 961.6/34$

All: -2.936 ± 0.116 $\chi^2/\text{NDF}: 2245.5/67$

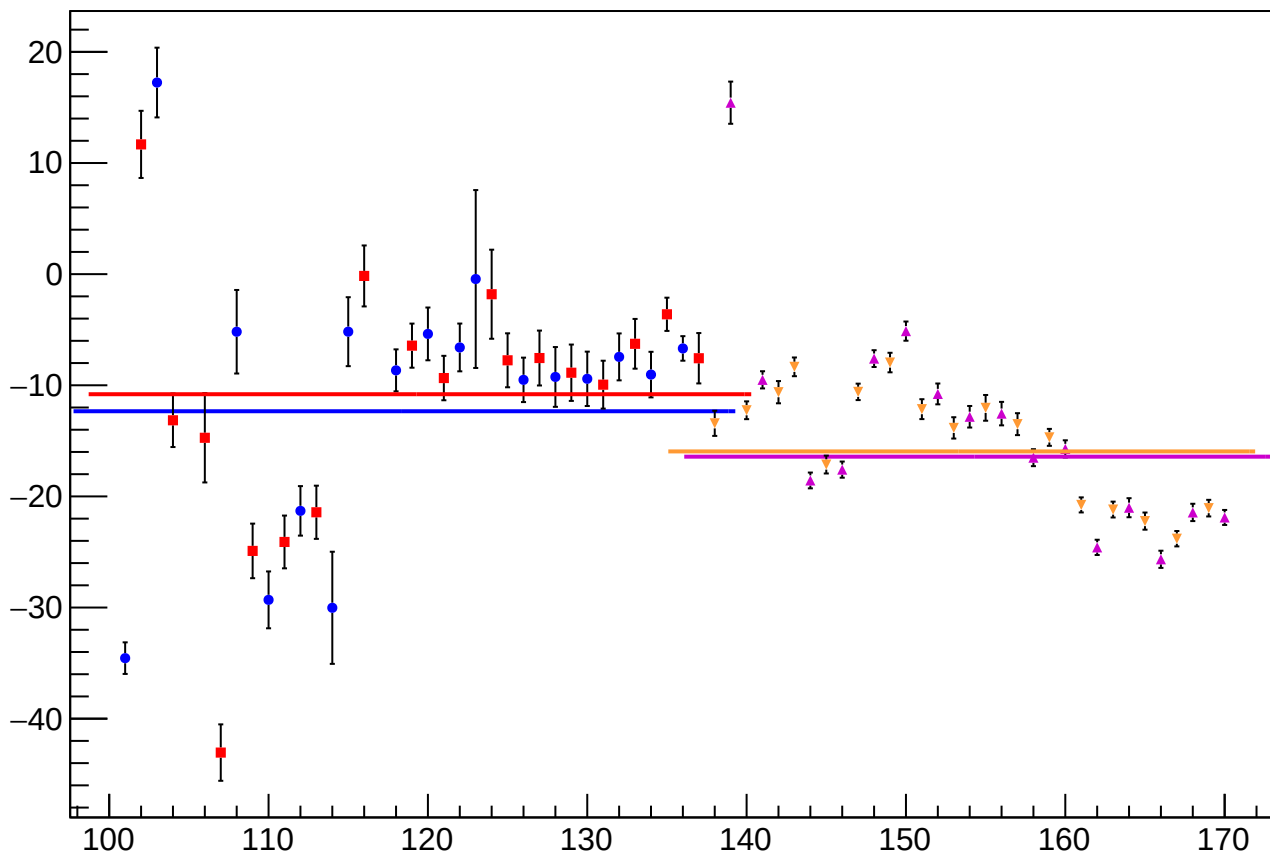
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -70.053 ± 0.240 $\chi^2/\text{NDF}: 784.8/16$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -69.827 ± 0.238 $\chi^2/\text{NDF}: 991.1/15$

Left: -69.939 ± 0.169 $\chi^2/\text{NDF}: 1776.3/32$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -67.822 ± 0.229 $\chi^2/\text{NDF}: 2039.7/32$
 Out: -68.172 ± 0.231 $\chi^2/\text{NDF}: 1797.0/34$
 All: -67.995 ± 0.163 $\chi^2/\text{NDF}: 3837.8/67$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -15.951 ± 0.200 χ^2/NDF : 662.6/16

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -16.424 ± 0.202 χ^2/NDF : 1165.1/15

Left: -16.185 ± 0.142 χ^2/NDF : 1830.4/32

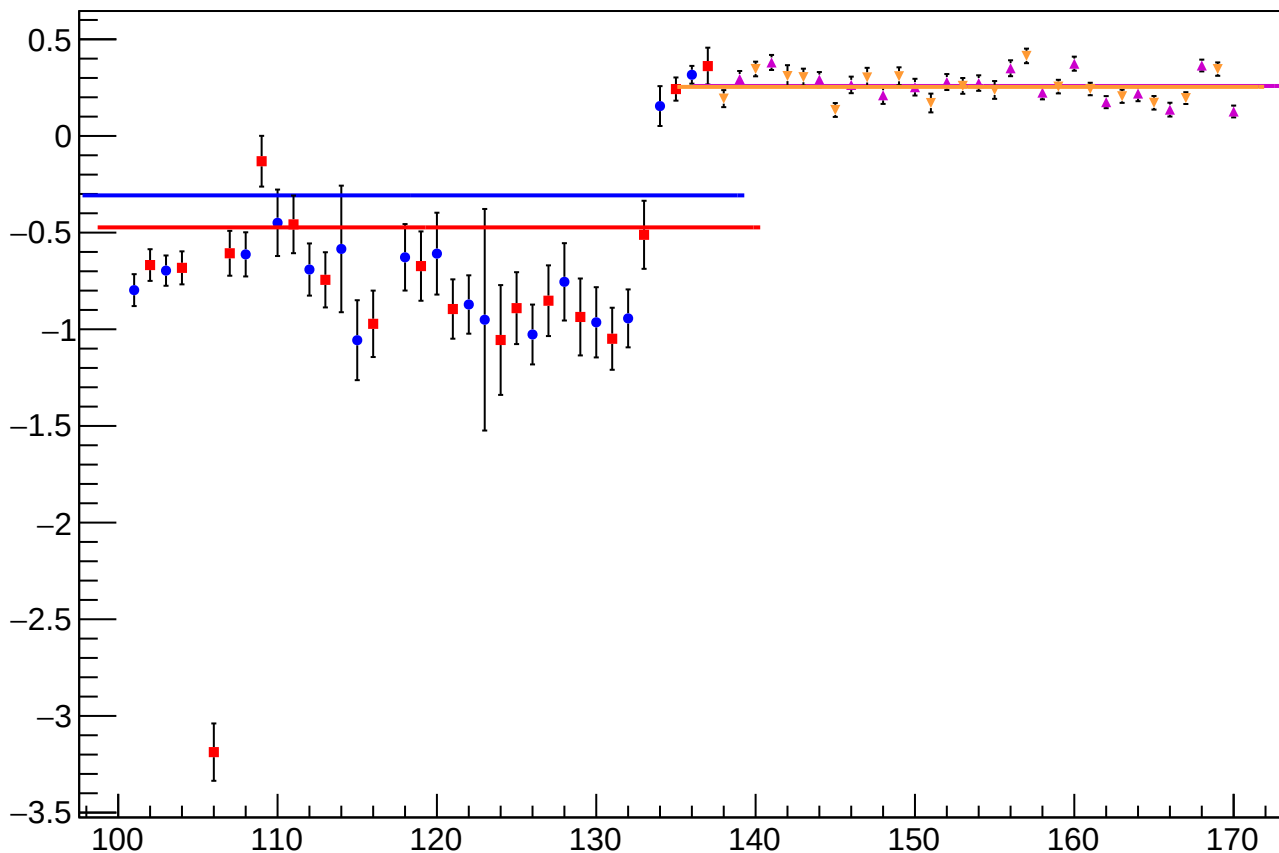
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -15.887 ± 0.189 χ^2/NDF : 1693.9/32

Out: -15.356 ± 0.188 χ^2/NDF : 1100.4/34

All: -15.621 ± 0.133 χ^2/NDF : 2798.2/67

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: 0.254 ± 0.009 χ^2/NDF : 63.1/16

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/15

Left: 0.256 ± 0.007 χ^2/NDF : 142.5/32

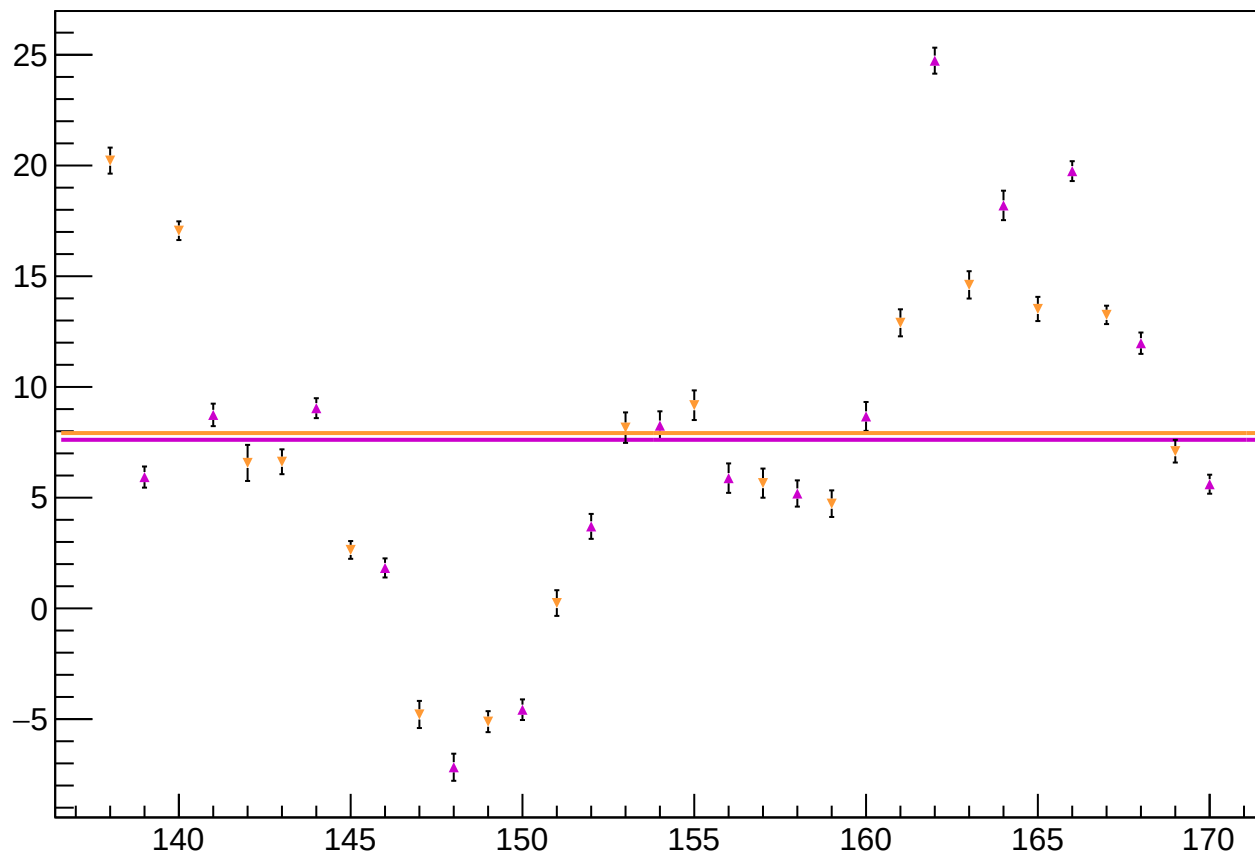
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.200 ± 0.009 χ^2/NDF : 830.3/32

Out: 0.182 ± 0.009 χ^2/NDF : 1271.2/34

All: 0.191 ± 0.006 χ^2/NDF : 2103.4/67

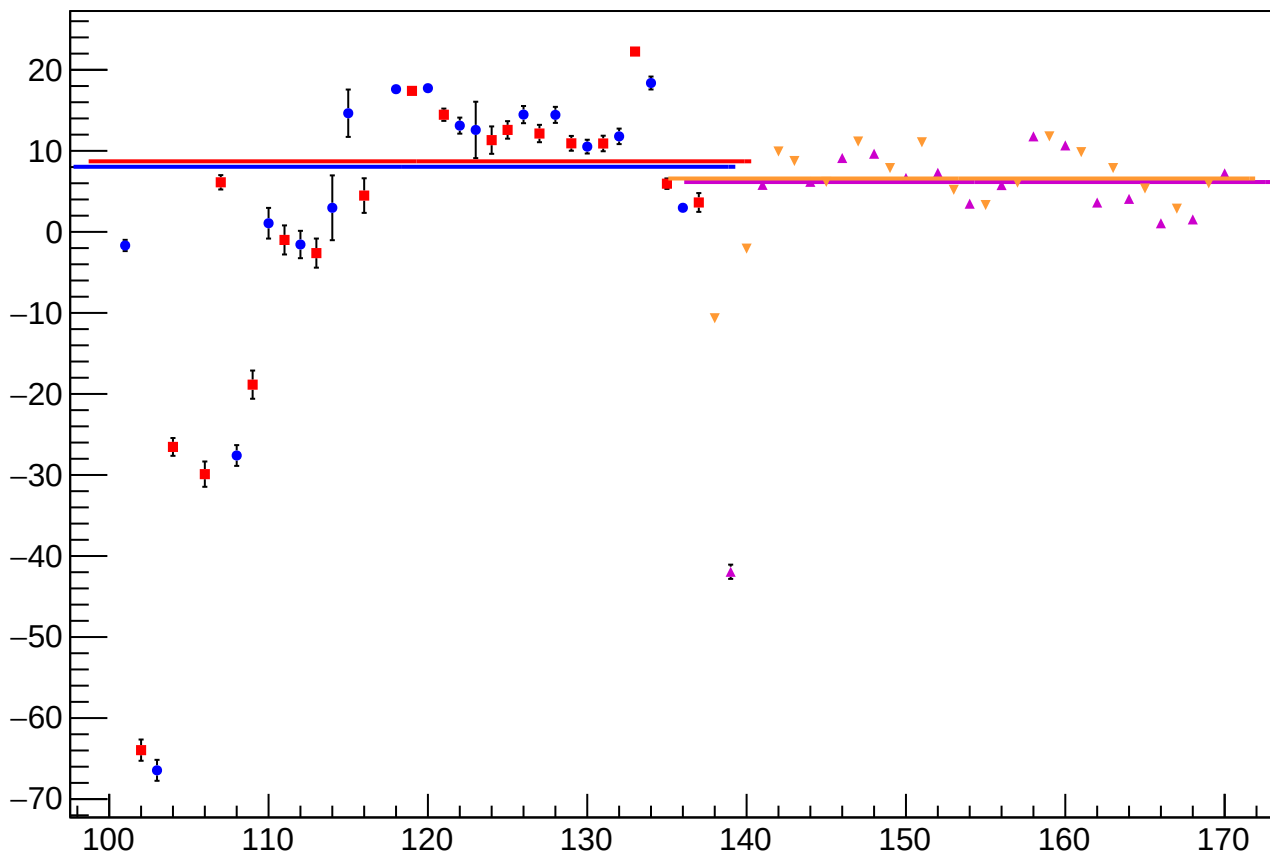
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.918+/-0.132 χ^2/NDF :2951.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.613+/-0.130 χ^2/NDF :3490.7/15

Left: 7.763+/-0.093 χ^2/NDF : 6444.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.613+/-0.130 χ^2/NDF :3490.7/15
 Out: 7.918+/-0.132 χ^2/NDF :2951.2/16
 All: 7.763+/-0.093 χ^2/NDF : 6444.6/32

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 6.589+/-0.095 χ^2/NDF : 2350.8/16

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 6.151+/-0.096 χ^2/NDF : 3926.0/15

Left: 6.372+/-0.067 χ^2/NDF : 6287.3/32

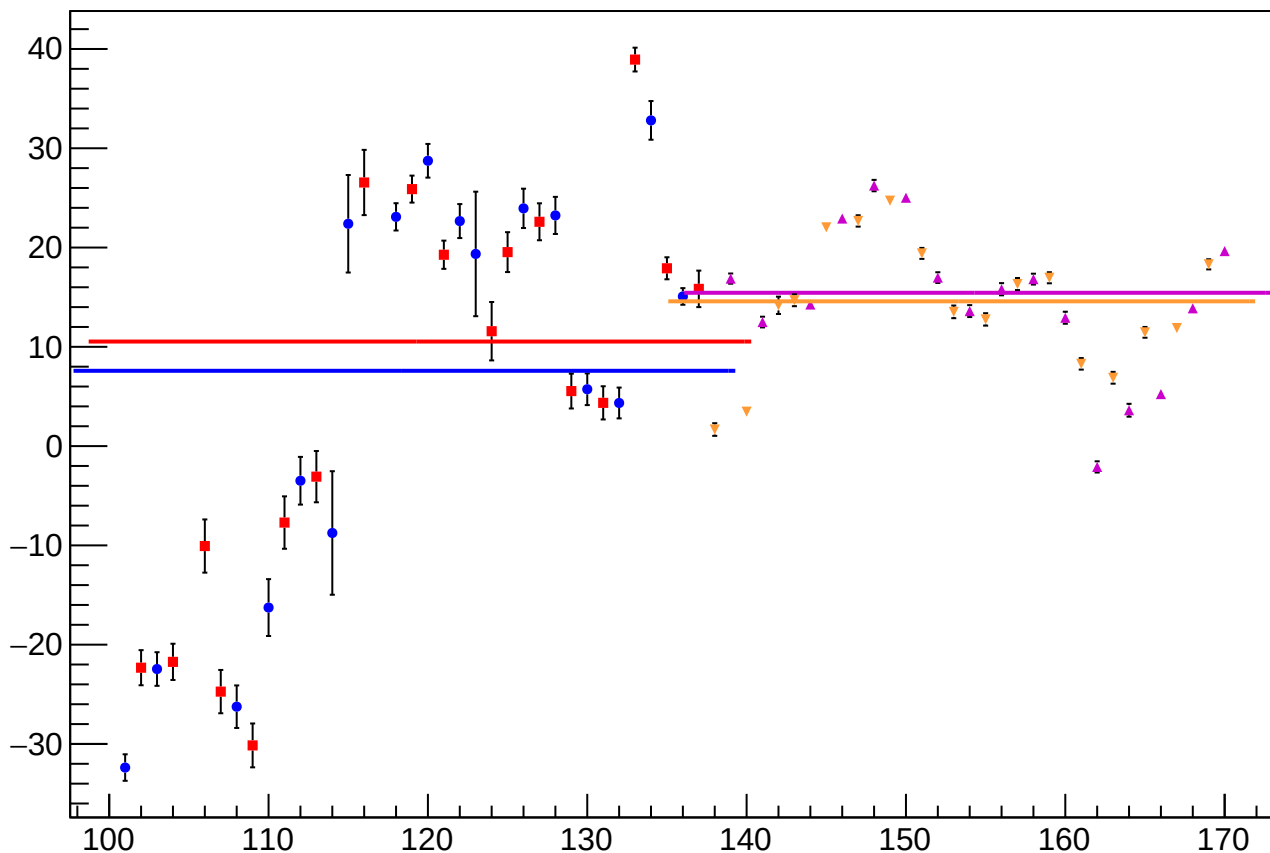
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 6.463+/-0.088 χ^2/NDF : 9360.1/32

Out: 6.940+/-0.087 χ^2/NDF : 8723.4/34

All: 6.703+/-0.062 χ^2/NDF : 18098.6/67

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: 14.584 ± 0.131 χ^2/NDF : 2578.1/16

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 15.444 ± 0.129 χ^2/NDF : 3149.0/15

Left: 15.023 ± 0.092 χ^2/NDF : 5749.0/32

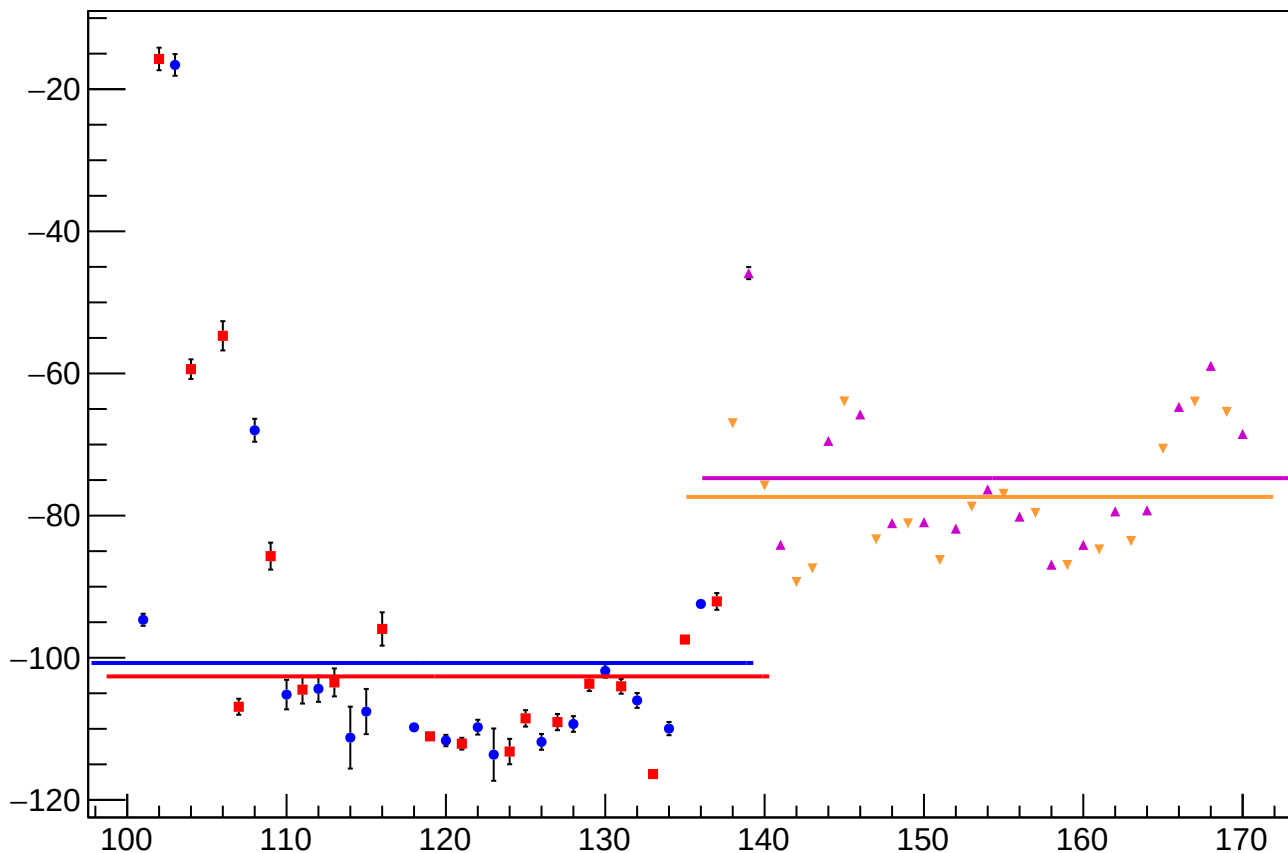
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 14.759 ± 0.123 χ^2/NDF : 5797.1/32

Out: 14.219 ± 0.125 χ^2/NDF : 4943.2/34

All: 14.494 ± 0.088 χ^2/NDF : 10749.8/67

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: -77.369 ± 0.111 χ^2/NDF : 6220.6/16

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -74.728 ± 0.111 χ^2/NDF : 6637.7/15

Left: -76.049 ± 0.078 χ^2/NDF : 13143.6/32

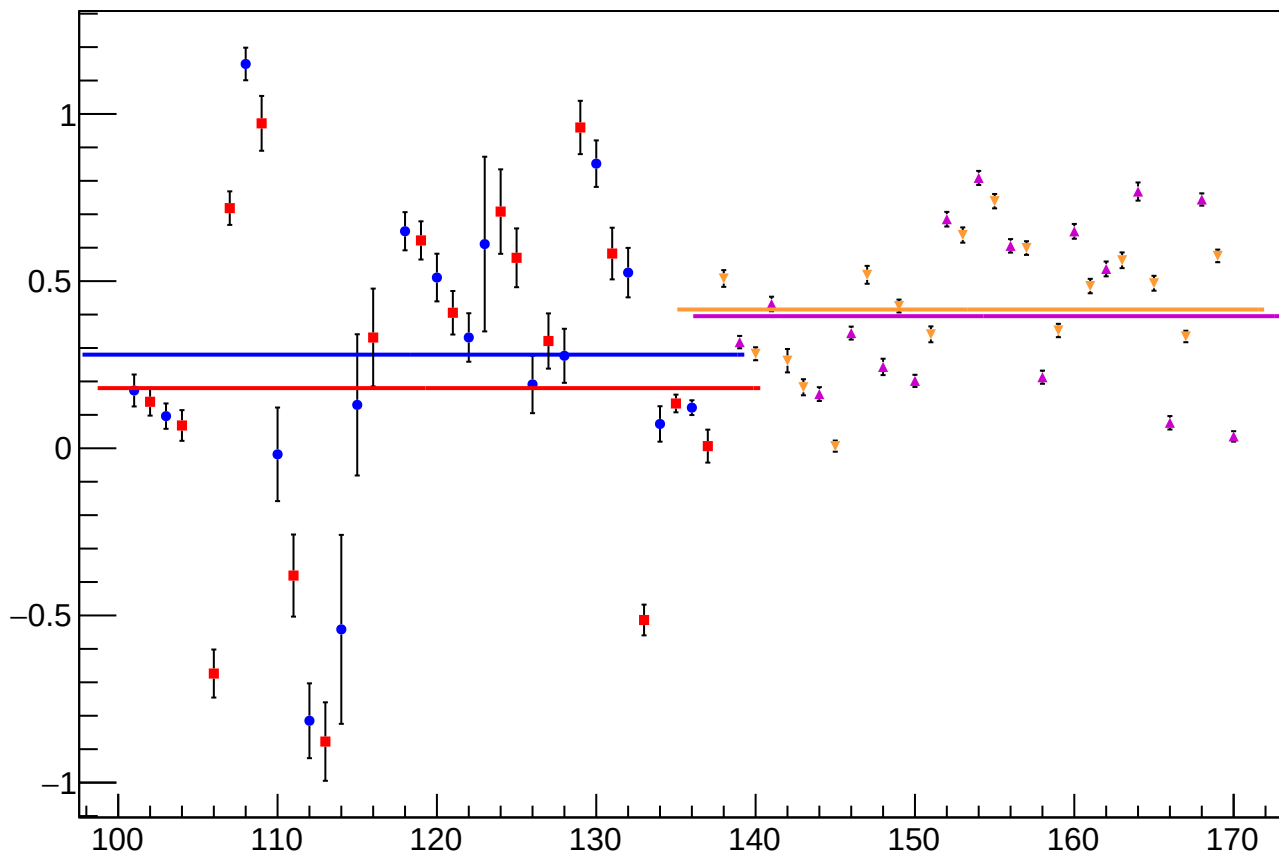
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -79.034 ± 0.101 χ^2/NDF : 20312.8/32

Out: -81.607 ± 0.101 χ^2/NDF : 20700.8/34

All: -80.323 ± 0.071 χ^2/NDF : 41338.7/67

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: 0.415 $\pm$ 0.005 χ^2 /NDF:1367.0/16

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.395 $\pm$ 0.005 χ^2 /NDF:2561.1/15

Left: 0.405 $\pm$ 0.004 χ^2 /NDF: 3935.7/32

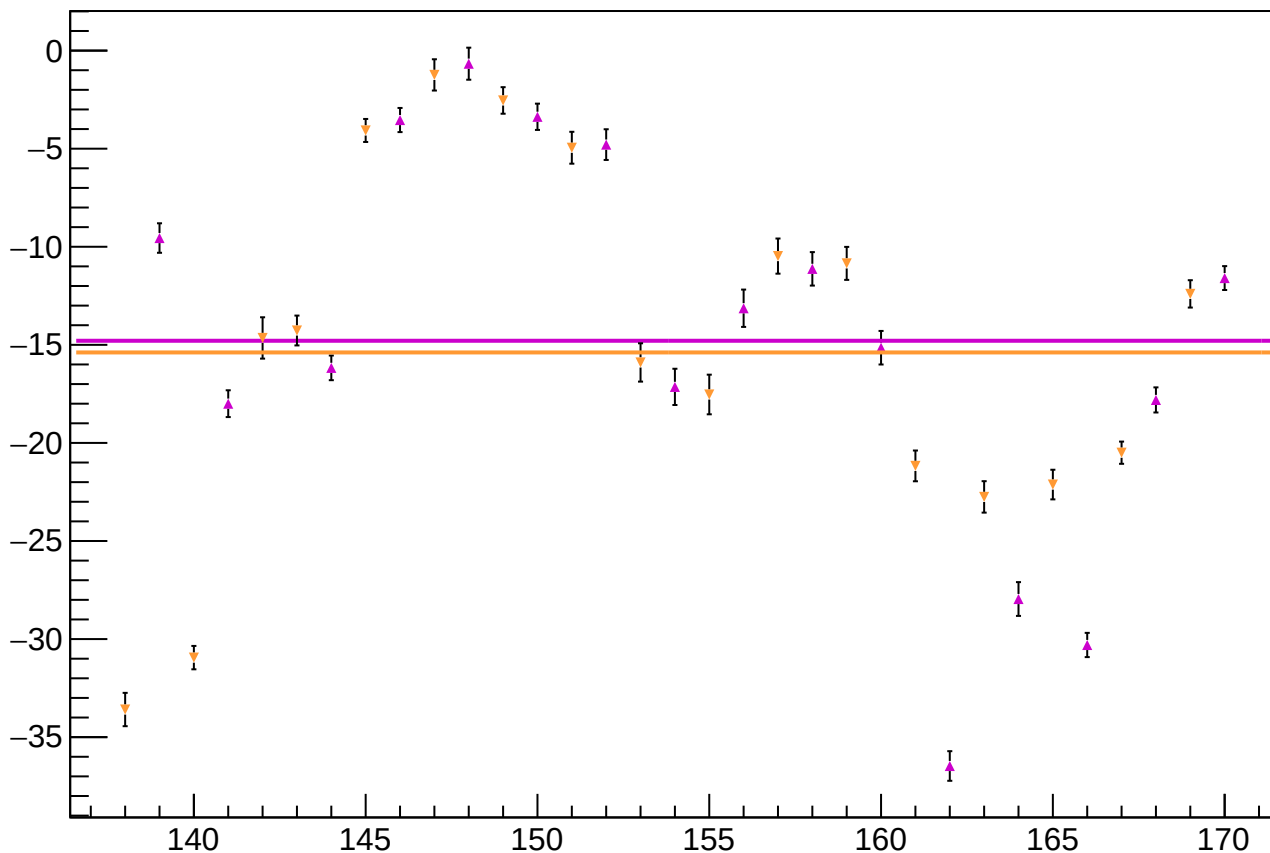
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.381 $\pm$ 0.005 χ^2 /NDF:3281.4/32

Out: 0.385 $\pm$ 0.005 χ^2 /NDF:2569.1/34

All: 0.383 $\pm$ 0.003 χ^2 /NDF: 5850.9/67

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected

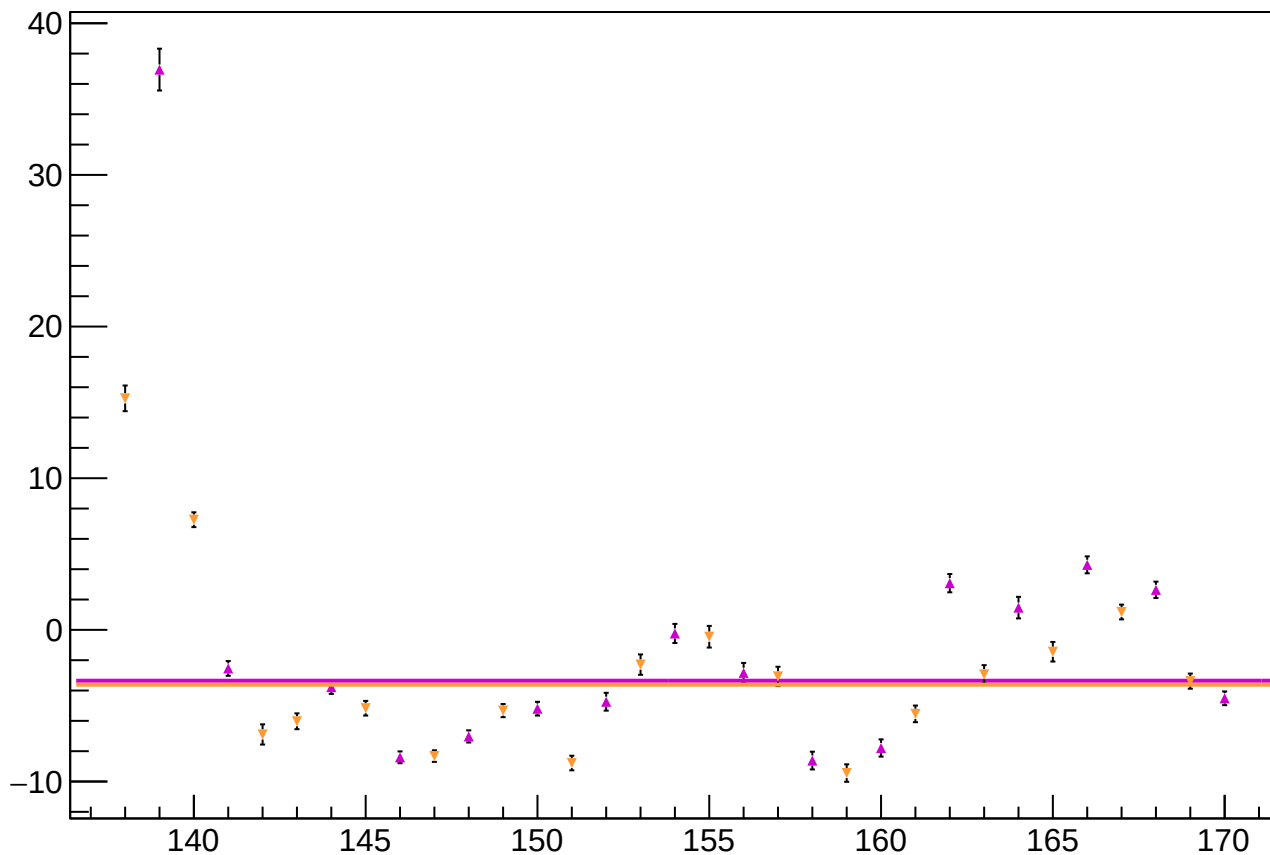


Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.388 ± 0.183 $\chi^2/\text{NDF}: 2737.7/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.792 ± 0.182 $\chi^2/\text{NDF}: 2928.8/15$

Left: -15.087 ± 0.129 $\chi^2/\text{NDF}: 5671.9/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -14.792 ± 0.182 $\chi^2/\text{NDF}: 2928.8/15$
 Out: -15.388 ± 0.183 $\chi^2/\text{NDF}: 2737.7/16$

All: -15.087 ± 0.129 $\chi^2/\text{NDF}: 5671.9/32$

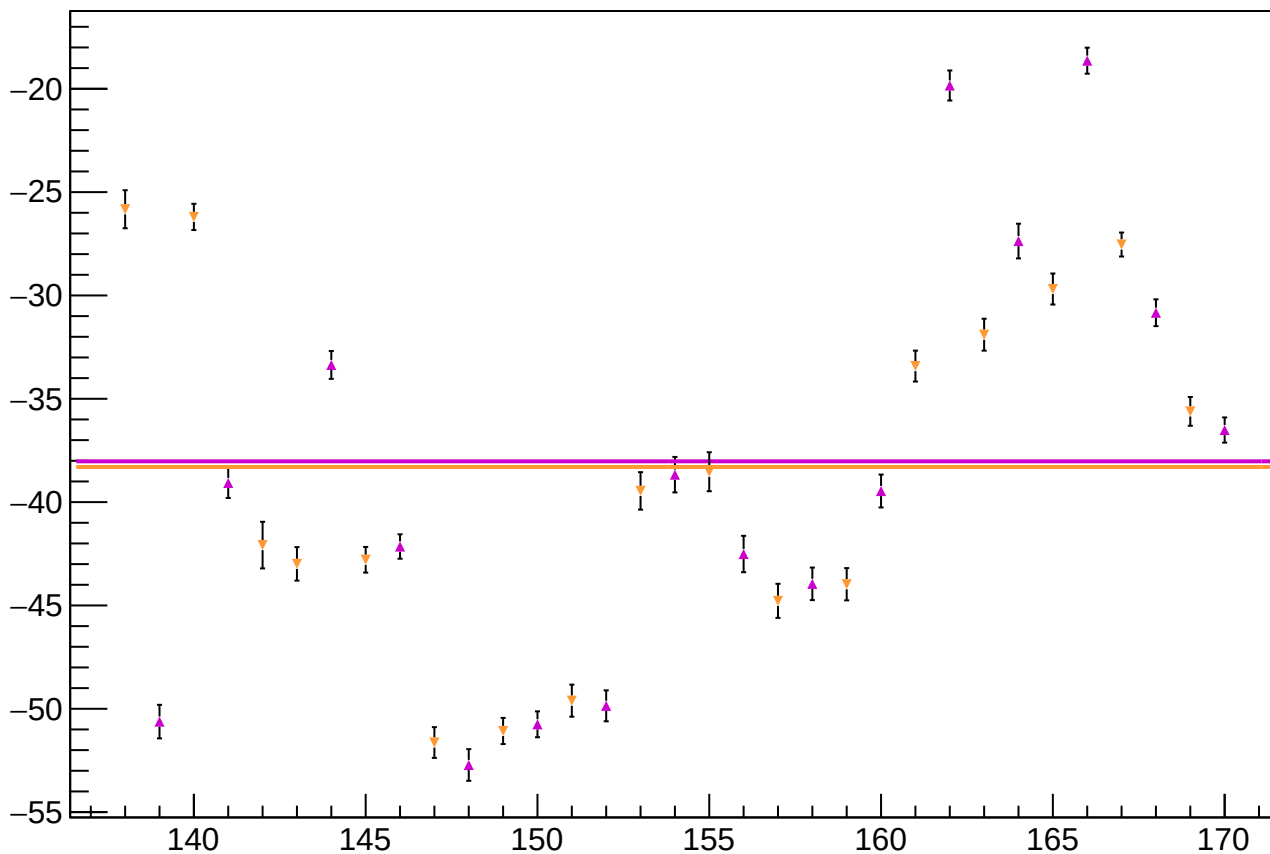
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.614+/-0.131 χ^2/NDF :1579.0/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.354+/-0.132 χ^2/NDF :1773.8/15

Left: -3.485+/-0.093 χ^2/NDF : 3354.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.354+/-0.132 χ^2/NDF :1773.8/15
 Out: -3.614+/-0.131 χ^2/NDF :1579.0/16
 All: -3.485+/-0.093 χ^2/NDF : 3354.8/32

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: -38.300+/-0.182 χ^2/NDF :2302.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Left: -38.161+/-0.128 χ^2/NDF : 5624.5/32

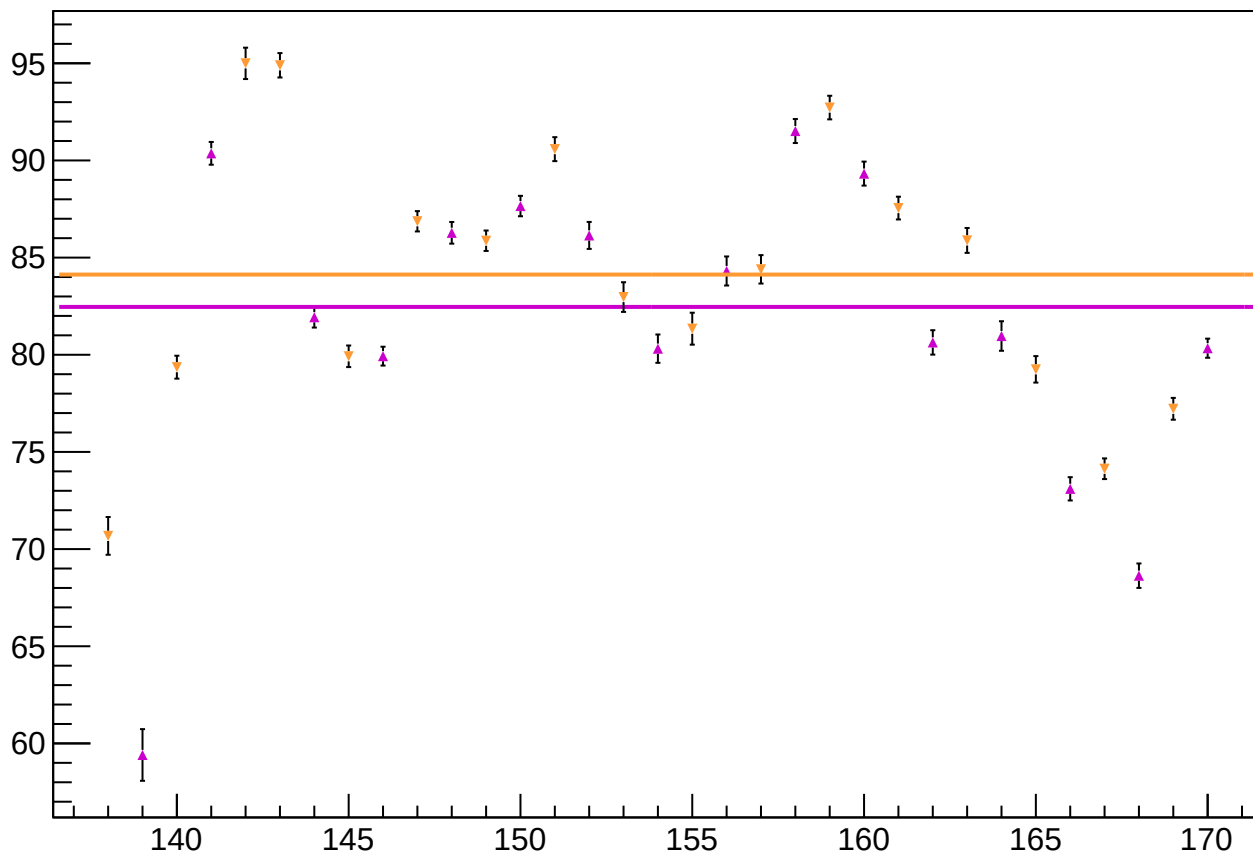
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Out: -38.300+/-0.182 χ^2/NDF :2302.6/16

All: -38.161+/-0.128 χ^2/NDF : 5624.5/32

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: 84.127+/-0.152 χ^2/NDF :1750.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 82.463+/-0.153 χ^2/NDF :1795.4/15

Left: 83.298+/-0.108 χ^2/NDF : 3605.1/32

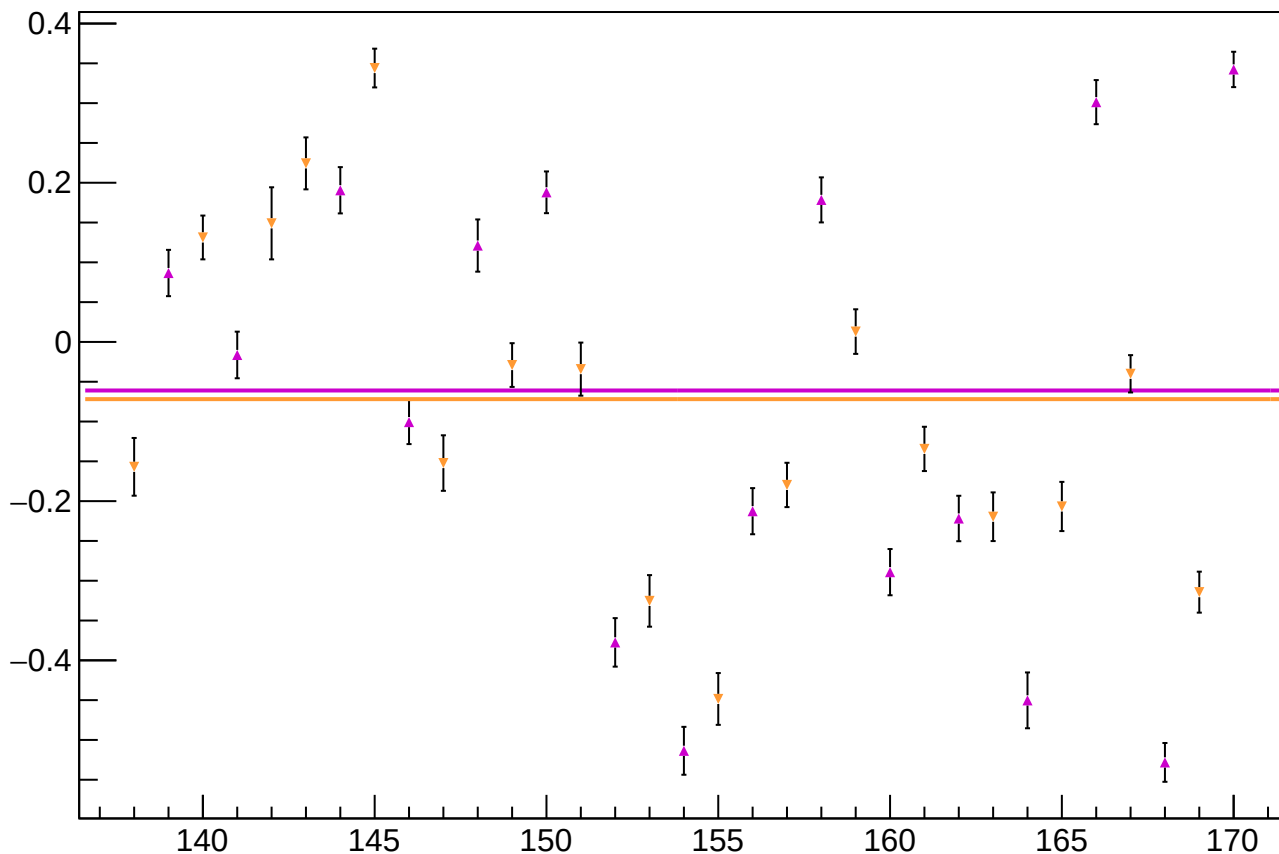
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.463+/-0.153 χ^2/NDF :1795.4/15

Out: 84.127+/-0.152 χ^2/NDF :1750.1/16

All: 83.298+/-0.108 χ^2/NDF : 3605.1/32

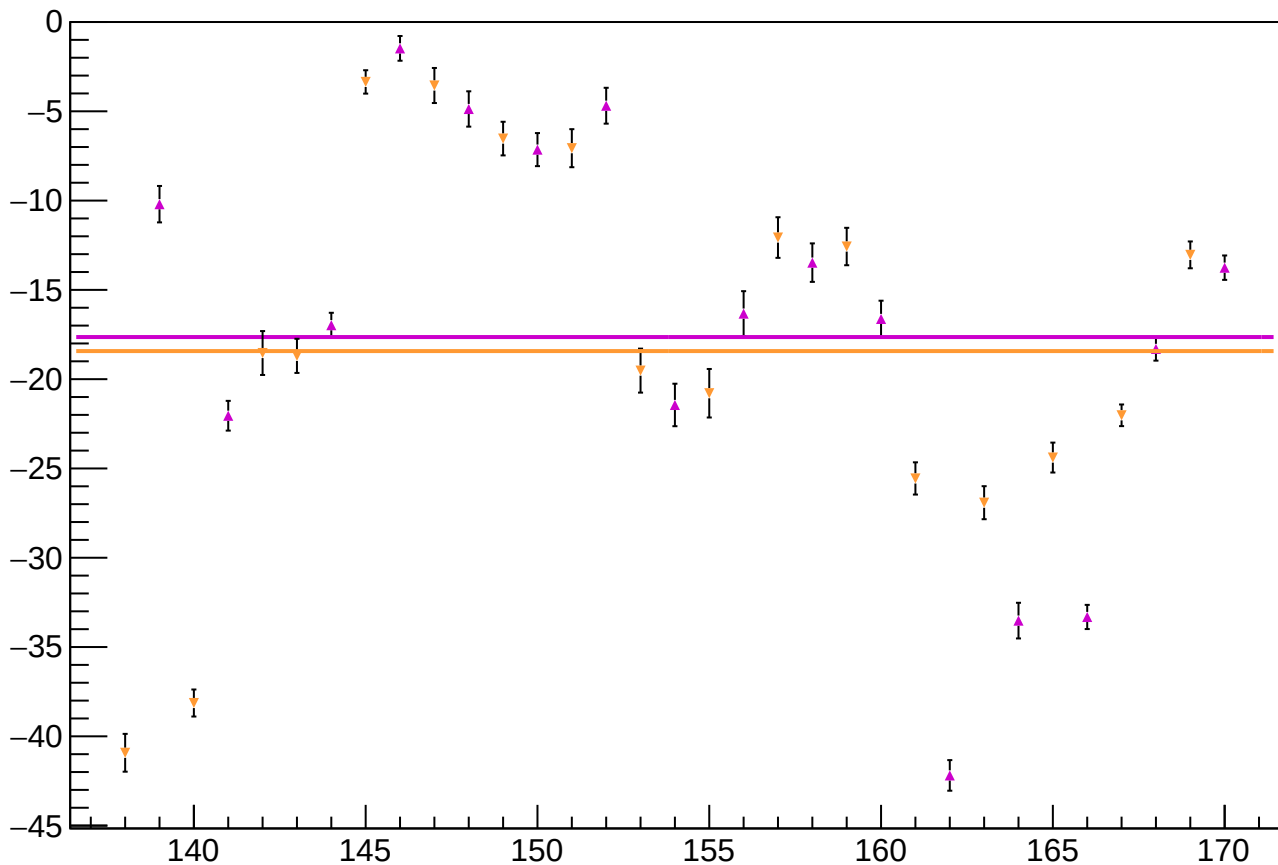
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.072+/-0.007 χ^2/NDF :824.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.061+/-0.007 χ^2/NDF :1744.0/15

Left: -0.066+/-0.005 χ^2/NDF : 2569.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.061+/-0.007 χ^2/NDF :1744.0/15
 Out: -0.072+/-0.007 χ^2/NDF :824.5/16
 All: -0.066+/-0.005 χ^2/NDF : 2569.6/32

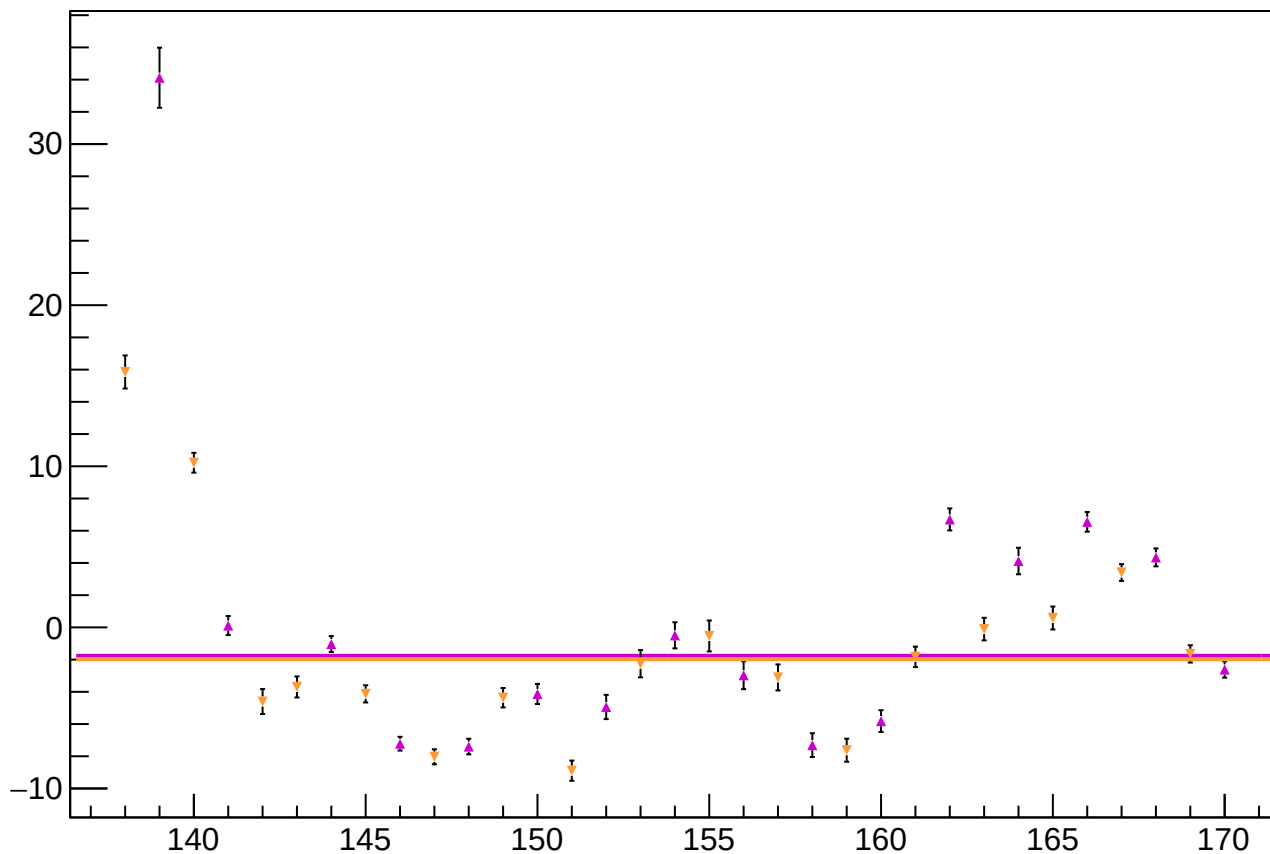
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.427+/-0.218 χ^2/NDF :2512.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.641+/-0.214 χ^2/NDF :2758.7/15

Left: -18.026+/-0.153 χ^2/NDF : 5278.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.641+/-0.214 χ^2/NDF :2758.7/15
 Out: -18.427+/-0.218 χ^2/NDF :2512.7/16
 All: -18.026+/-0.153 χ^2/NDF : 5278.1/32

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: -1.978+/-0.157 χ^2/NDF :1229.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.765+/-0.155 χ^2/NDF :1321.8/15

Left: -1.870+/-0.110 χ^2/NDF : 2552.6/32

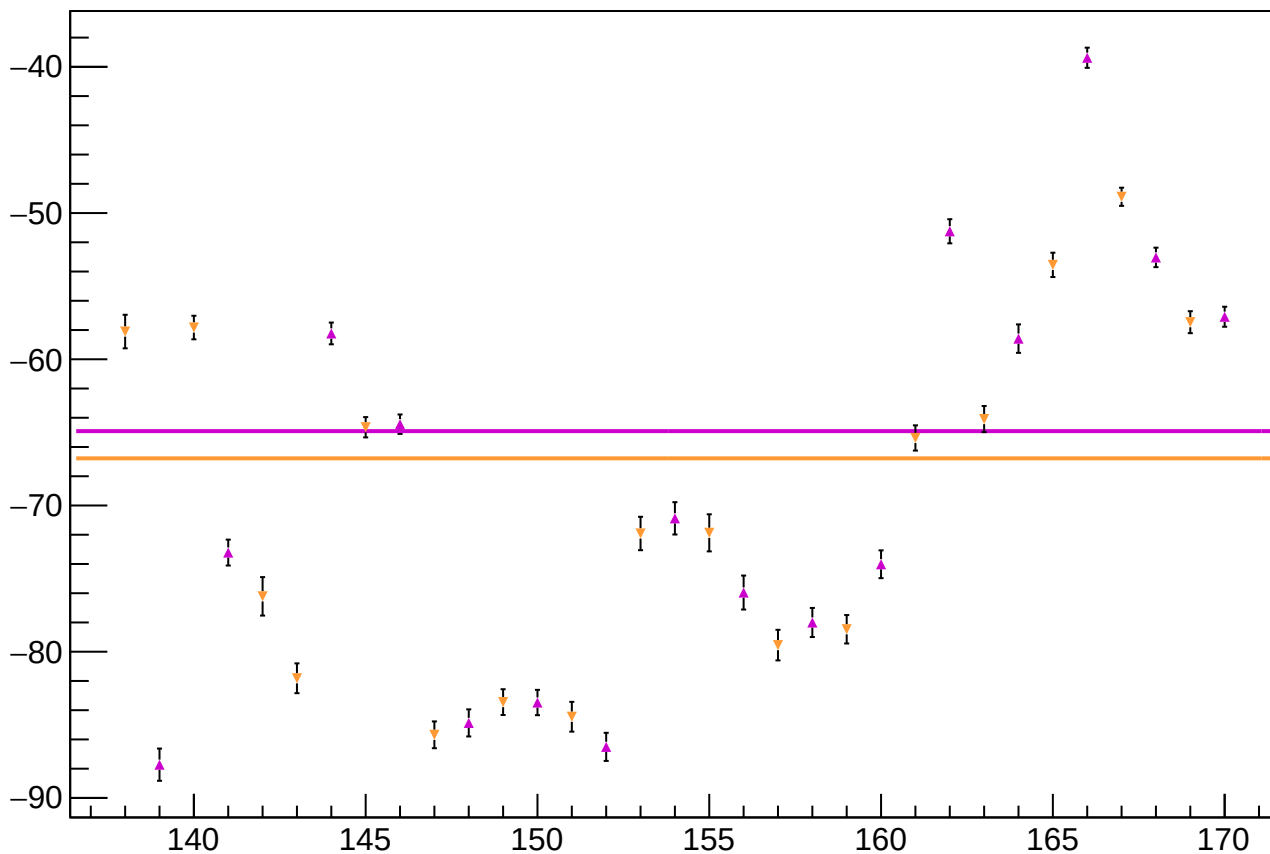
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.765+/-0.155 χ^2/NDF :1321.8/15

Out: -1.978+/-0.157 χ^2/NDF :1229.8/16

All: -1.870+/-0.110 χ^2/NDF : 2552.6/32

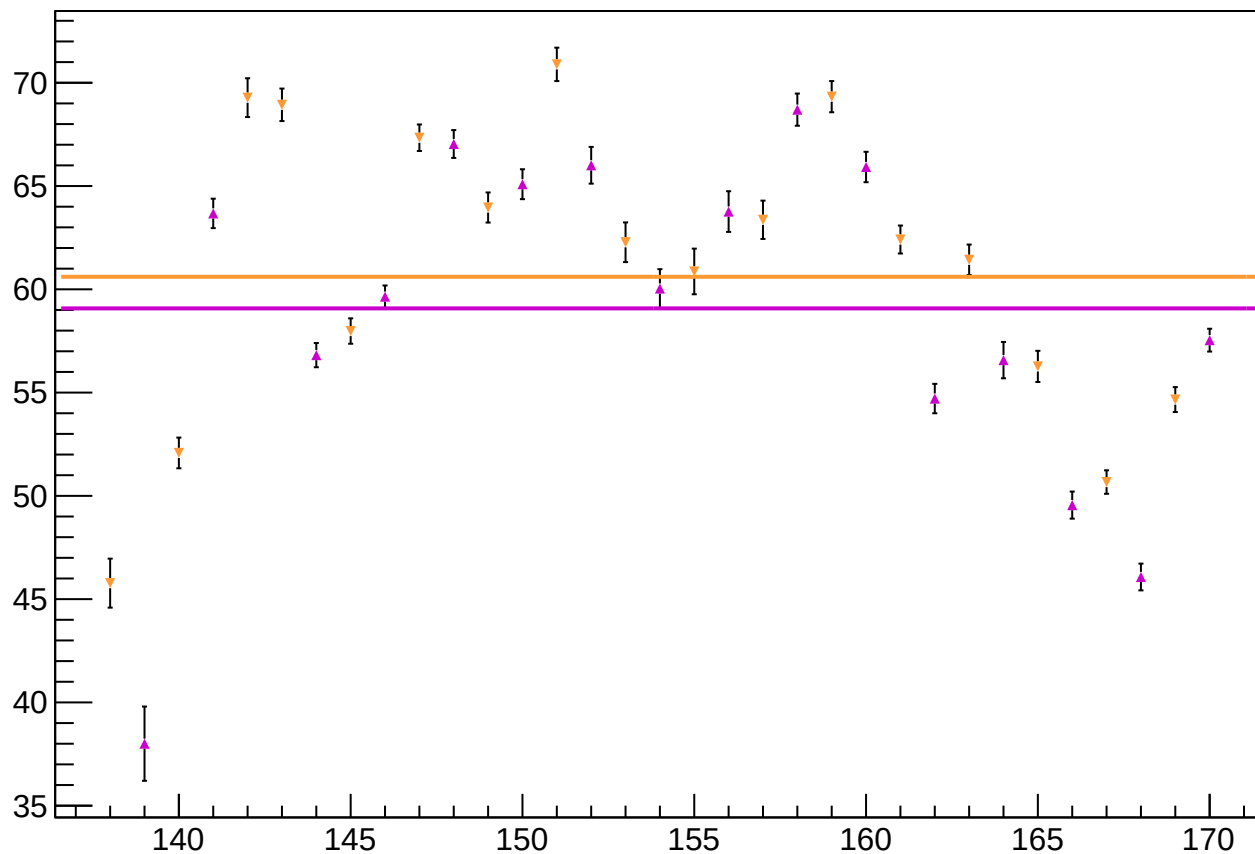
reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -66.775+/-0.218 χ^2/NDF :3123.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -64.915+/-0.211 χ^2/NDF :4545.5/15

Left: -65.817+/-0.151 χ^2/NDF : 7706.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -64.915+/-0.211 χ^2/NDF :4545.5/15
 Out: -66.775+/-0.218 χ^2/NDF :3123.7/16
 All: -65.817+/-0.151 χ^2/NDF : 7706.8/32

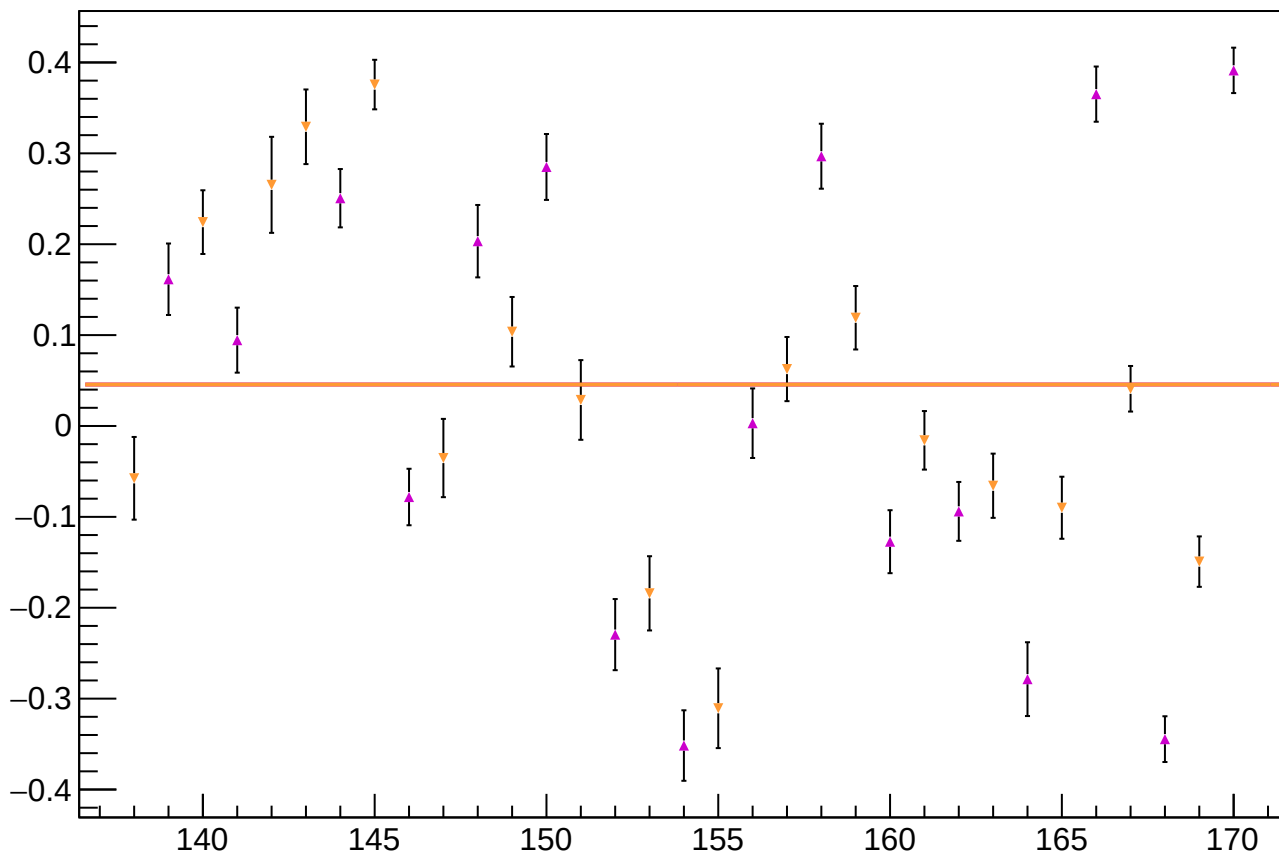
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 60.606 $\pm$ 0.182 χ^2 /NDF:1386.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 59.076 $\pm$ 0.180 χ^2 /NDF:1394.4/15

Left: 59.832 $\pm$ 0.128 χ^2 /NDF: 2816.5/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 59.076 $\pm$ 0.180 χ^2 /NDF:1394.4/15
 Out: 60.606 $\pm$ 0.182 χ^2 /NDF:1386.4/16
 All: 59.832 $\pm$ 0.128 χ^2 /NDF: 2816.5/32

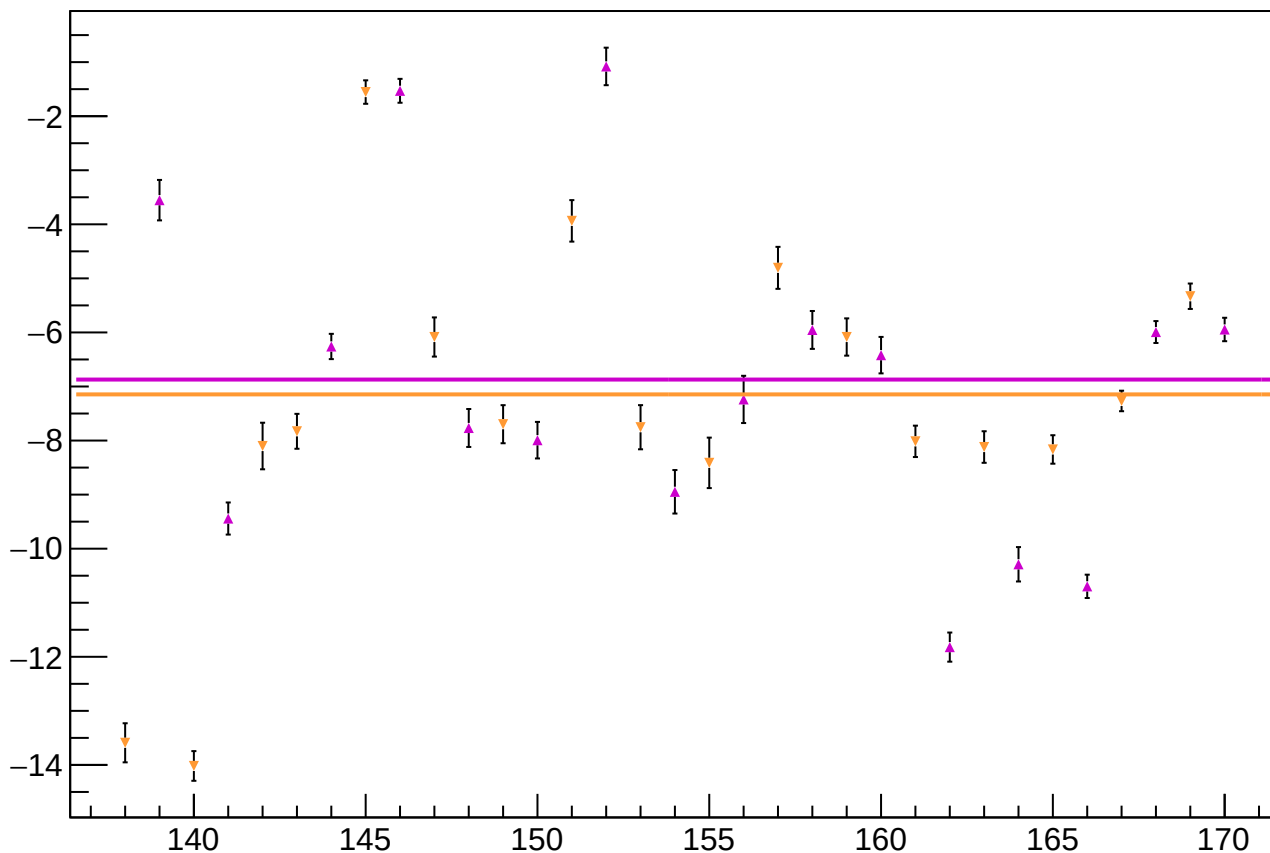
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.046 $\pm$ 0.009 χ^2 /NDF:429.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15

Left: 0.046 $\pm$ 0.006 χ^2 /NDF: 1410.8/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15
 Out: 0.046 $\pm$ 0.009 χ^2 /NDF:429.8/16
 All: 0.046 $\pm$ 0.006 χ^2 /NDF: 1410.8/32

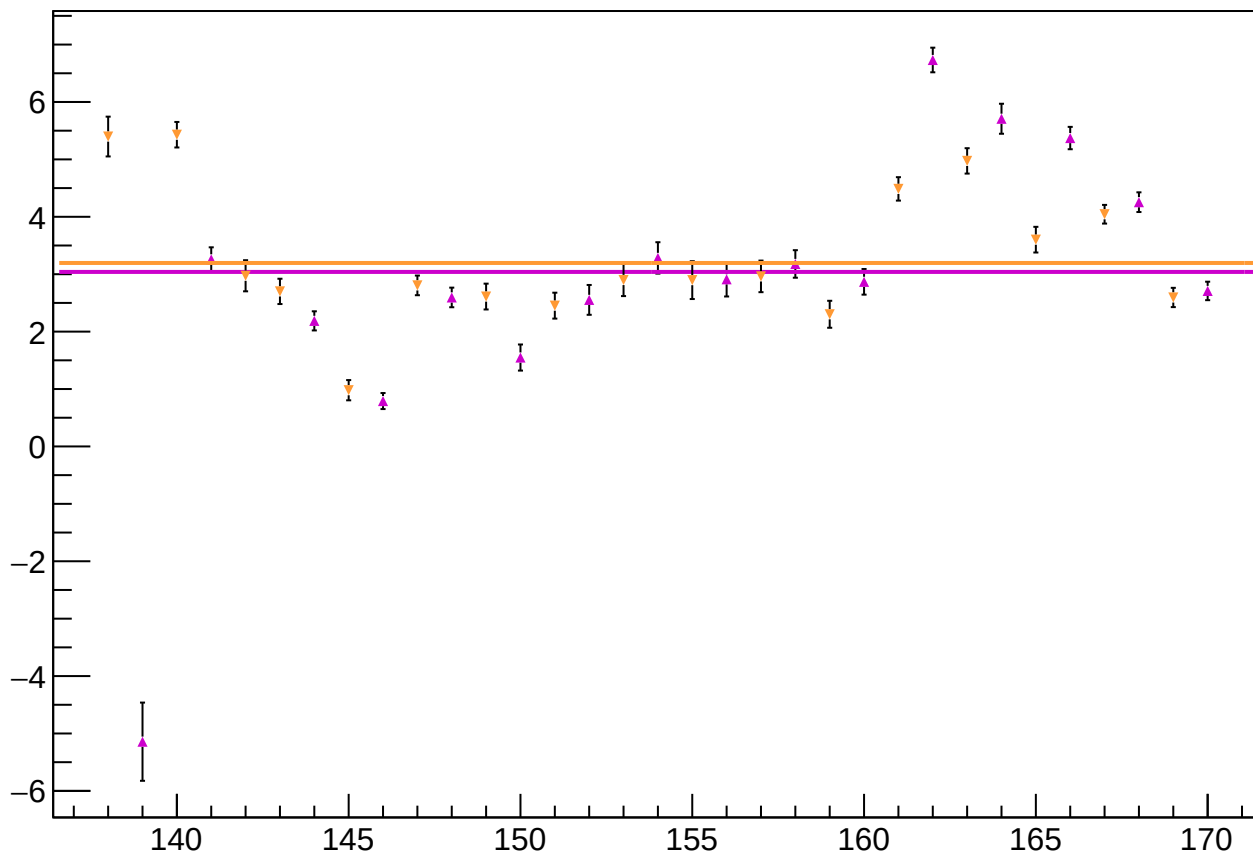
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.146 $\pm$ 0.073 χ^2 /NDF:1849.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.872 $\pm$ 0.070 χ^2 /NDF:1881.2/15

Left: -7.004 $\pm$ 0.051 χ^2 /NDF: 3737.6/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.872 $\pm$ 0.070 χ^2 /NDF:1881.2/15
 Out: -7.146 $\pm$ 0.073 χ^2 /NDF:1849.1/16
 All: -7.004 $\pm$ 0.051 χ^2 /NDF: 3737.6/32

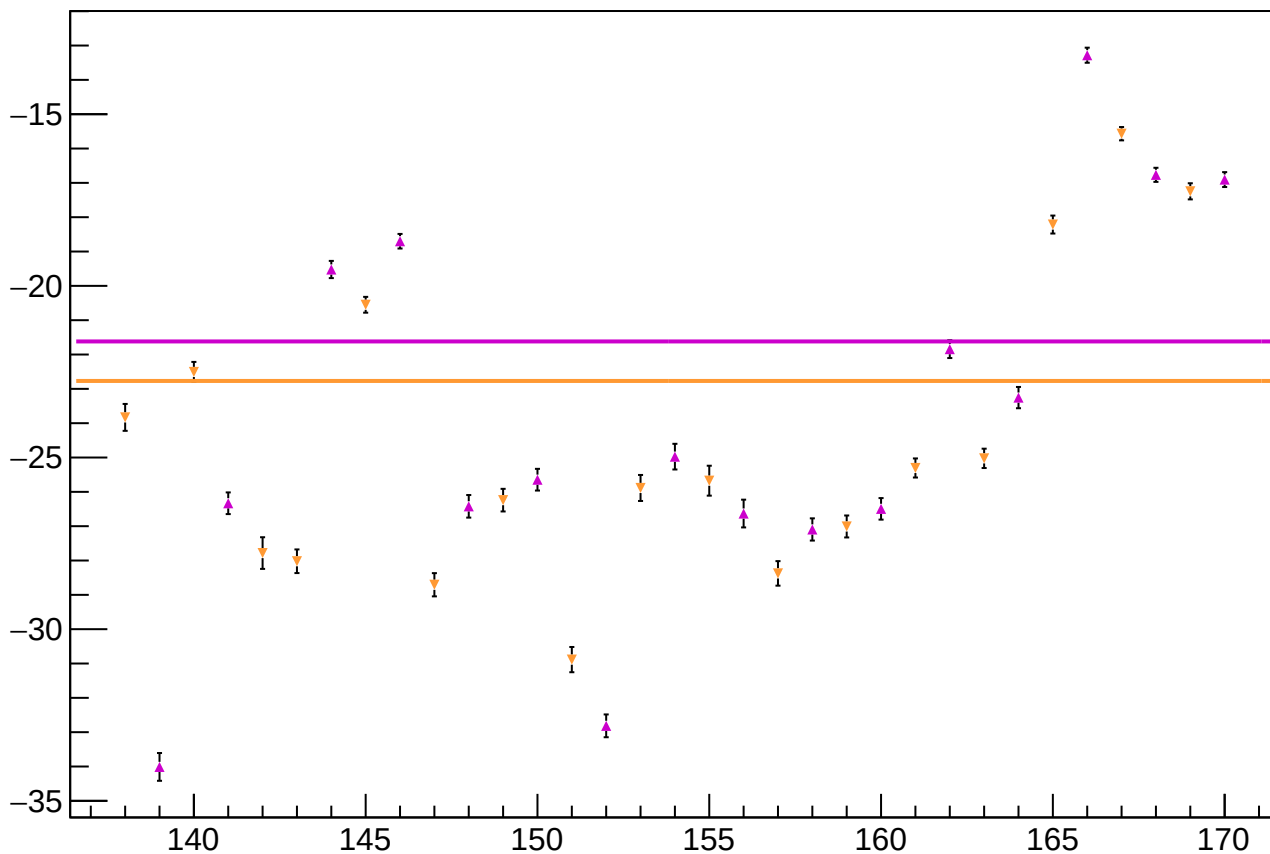
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.196+/-0.053 χ^2/NDF :493.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.040+/-0.051 χ^2/NDF :1084.6/15

Left: 3.116+/-0.037 χ^2/NDF : 1582.2/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.040+/-0.051 χ^2/NDF :1084.6/15
 Out: 3.196+/-0.053 χ^2/NDF :493.1/16
 All: 3.116+/-0.037 χ^2/NDF : 1582.2/32

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -22.770 $\pm$ 0.073 χ^2/NDF :4270.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -21.619 $\pm$ 0.070 χ^2/NDF :6193.0/15

Left: -22.171 $\pm$ 0.050 χ^2/NDF : 10594.3/32

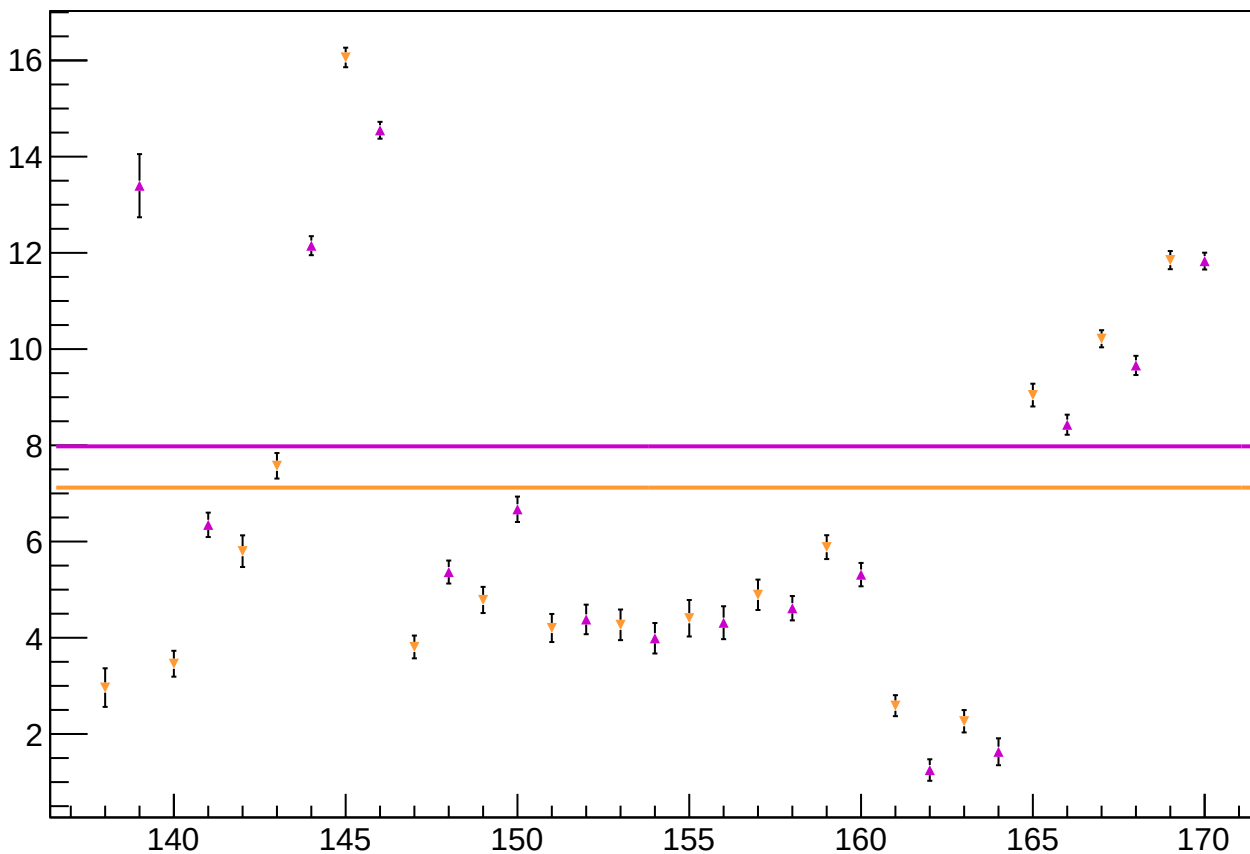
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -21.619 $\pm$ 0.070 χ^2/NDF :6193.0/15

Out: -22.770 $\pm$ 0.073 χ^2/NDF :4270.3/16

All: -22.171 $\pm$ 0.050 χ^2/NDF : 10594.3/32

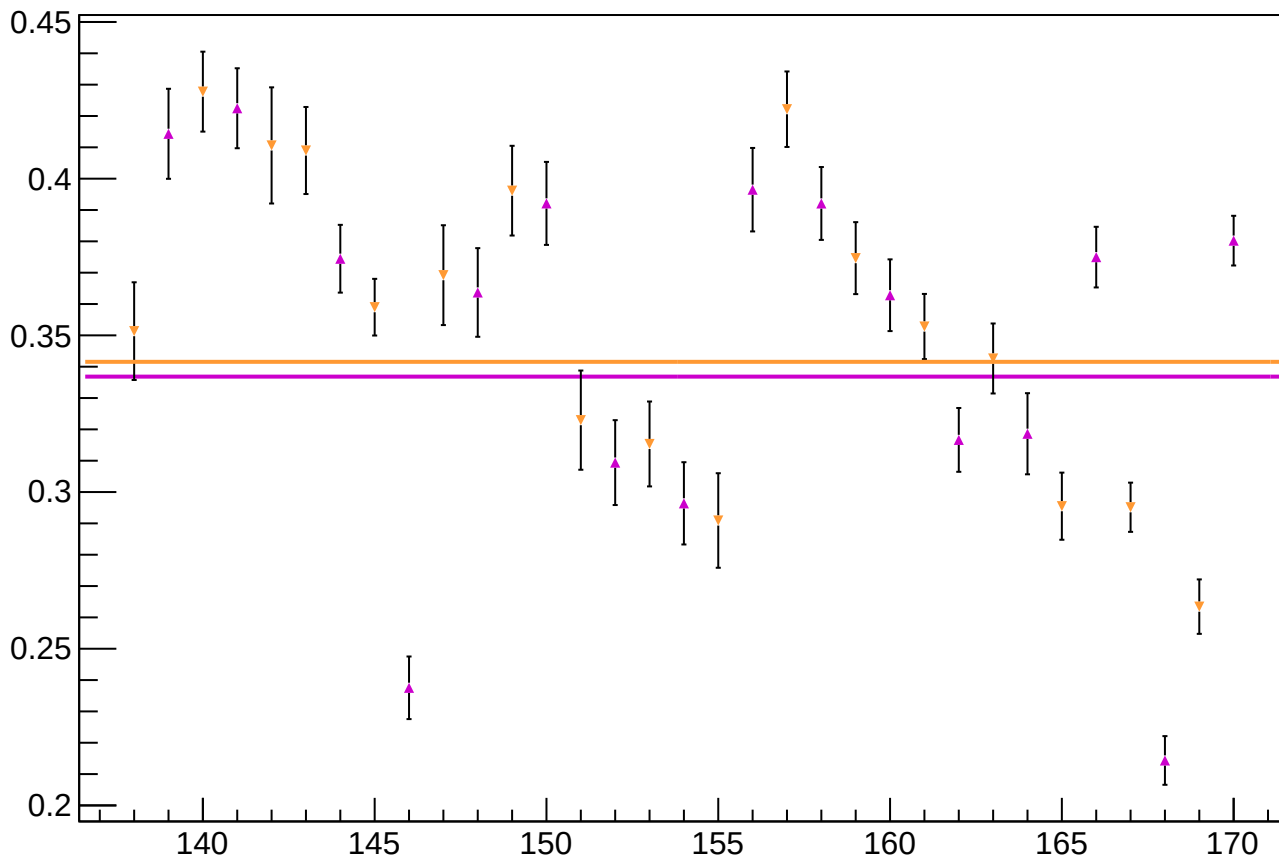
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.121+/-0.061 χ^2/NDF : 4687.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.978+/-0.059 χ^2/NDF : 4798.4/15

Left: 7.559+/-0.042 χ^2/NDF : 9587.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.978+/-0.059 χ^2/NDF : 4798.4/15
 Out: 7.121+/-0.061 χ^2/NDF : 4687.6/16
 All: 7.559+/-0.042 χ^2/NDF : 9587.9/32

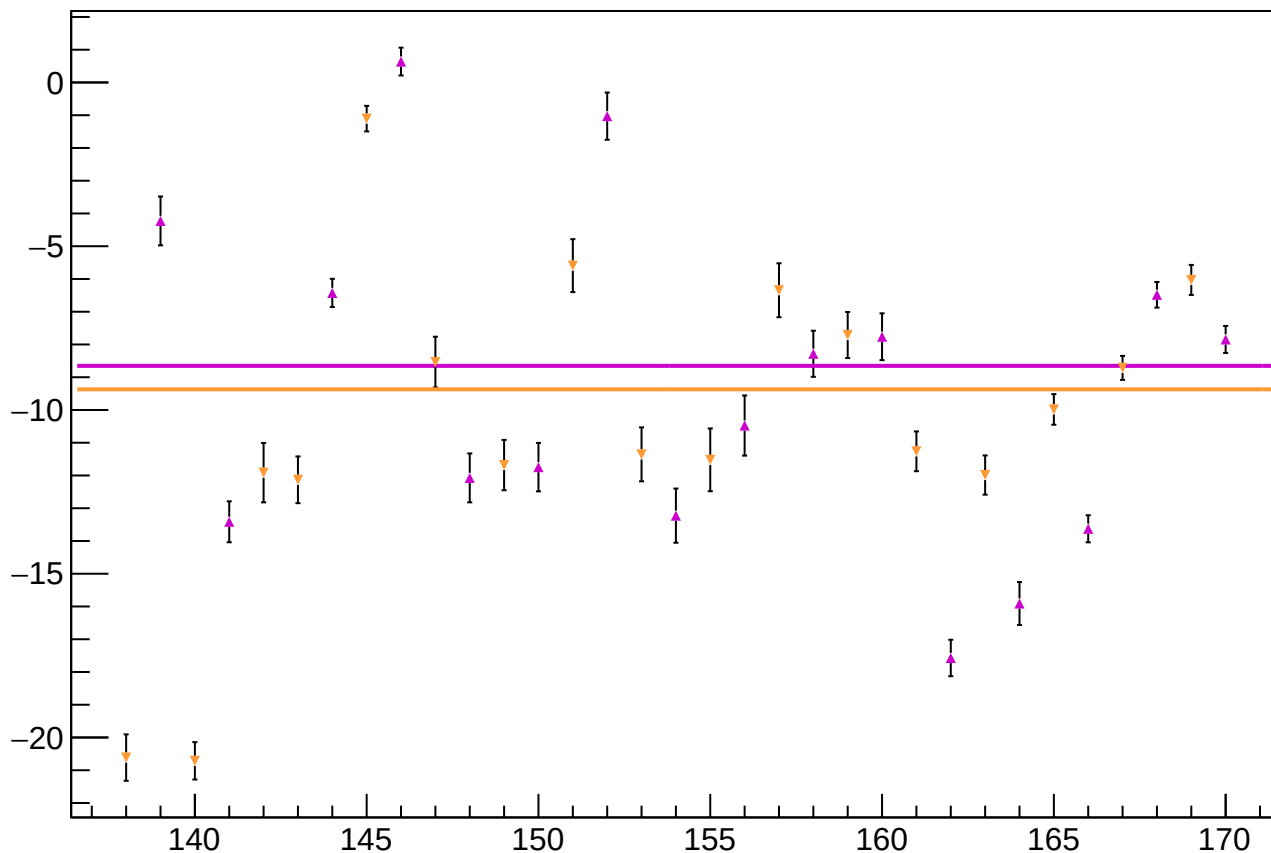
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.342+/-0.003 χ^2/NDF :309.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.337+/-0.003 χ^2/NDF :567.5/15

Left: 0.339+/-0.002 χ^2/NDF : 878.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.337+/-0.003 χ^2/NDF :567.5/15
 Out: 0.342+/-0.003 χ^2/NDF :309.8/16
 All: 0.339+/-0.002 χ^2/NDF : 878.6/32

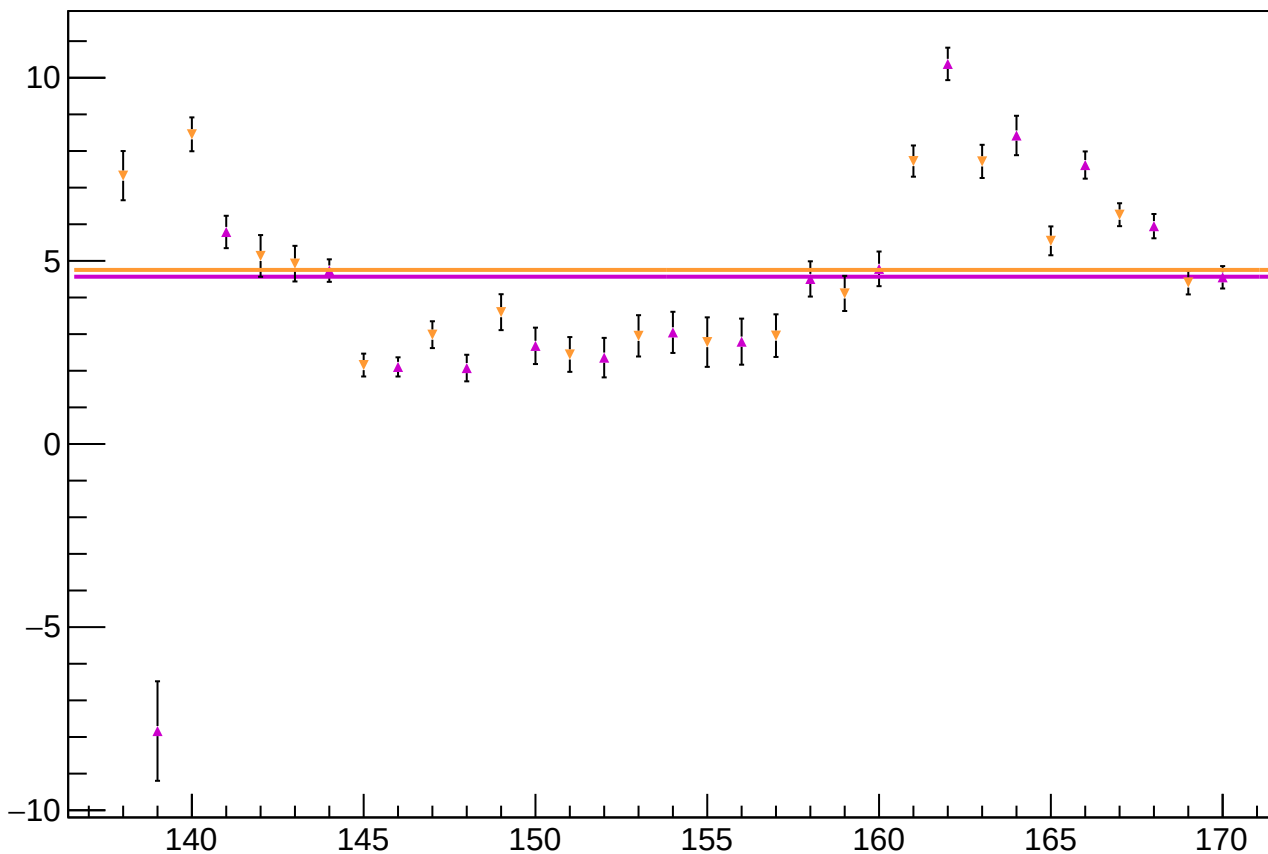
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.369 $\pm$ 0.144 χ^2/NDF :1266.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.653 $\pm$ 0.140 χ^2/NDF :1344.9/15

Left: -8.999 $\pm$ 0.100 χ^2/NDF : 2624.1/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.653 $\pm$ 0.140 χ^2/NDF :1344.9/15
 Out: -9.369 $\pm$ 0.144 χ^2/NDF :1266.4/16
 All: -8.999 $\pm$ 0.100 χ^2/NDF : 2624.1/32

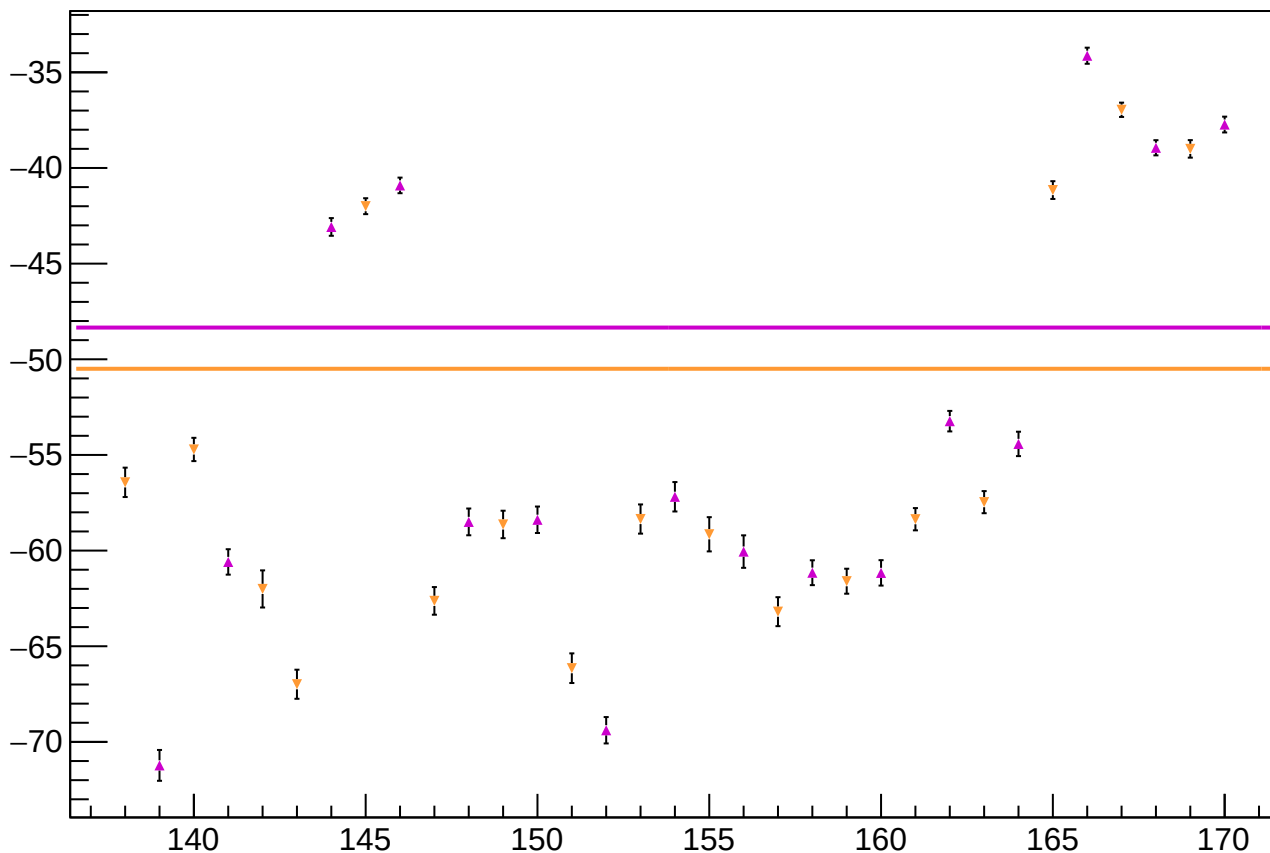
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.753 $\pm$ 0.106 χ^2 /NDF:350.9/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.568 $\pm$ 0.102 χ^2 /NDF:581.5/15

Left: 4.658 $\pm$ 0.073 χ^2 /NDF: 934.0/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.568 $\pm$ 0.102 χ^2 /NDF:581.5/15
 Out: 4.753 $\pm$ 0.106 χ^2 /NDF:350.9/16
 All: 4.658 $\pm$ 0.073 χ^2 /NDF: 934.0/32

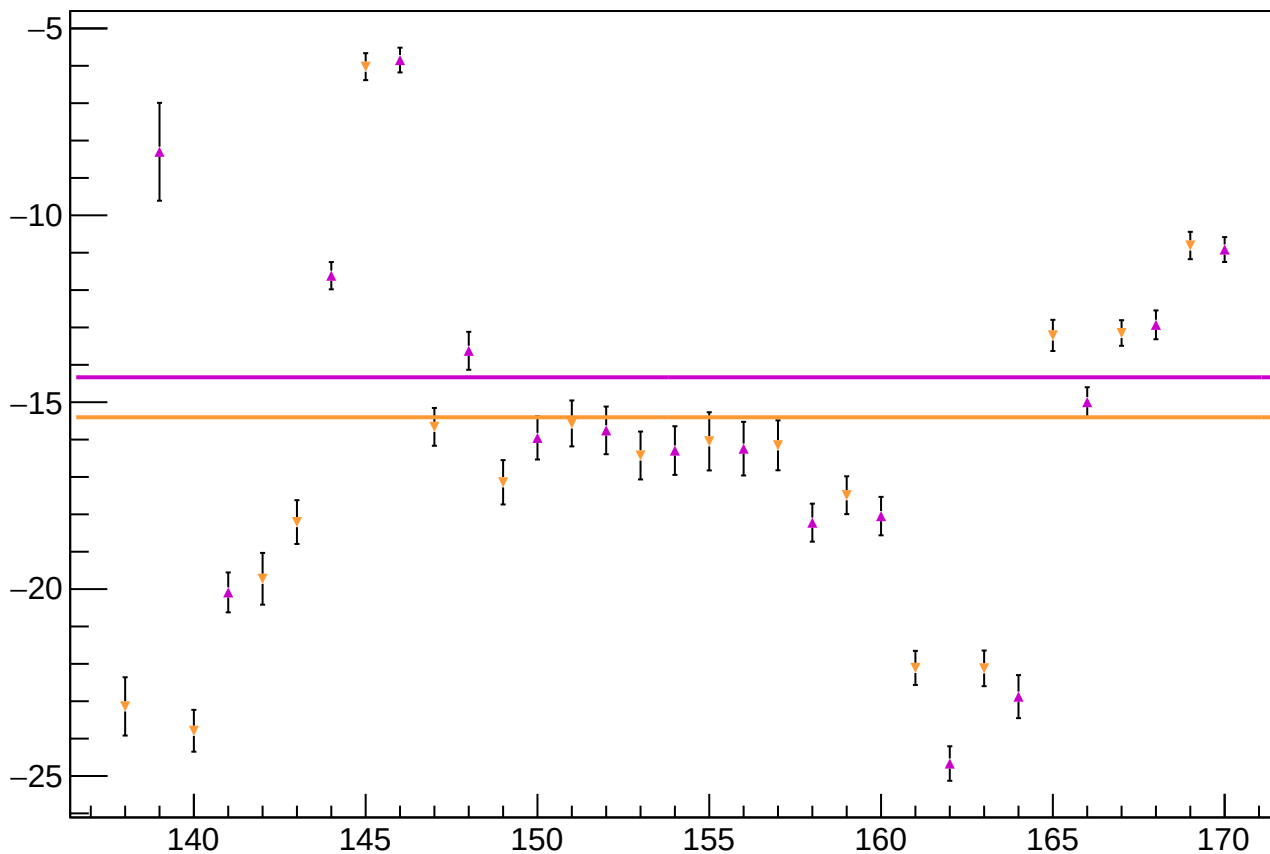
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -50.496+/-0.144 χ^2/NDF : 5394.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

Left: -49.374+/-0.100 χ^2/NDF : 12091.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -48.342+/-0.138 χ^2/NDF : 6581.3/15
 Out: -50.496+/-0.144 χ^2/NDF : 5394.5/16
 All: -49.374+/-0.100 χ^2/NDF : 12091.8/32

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



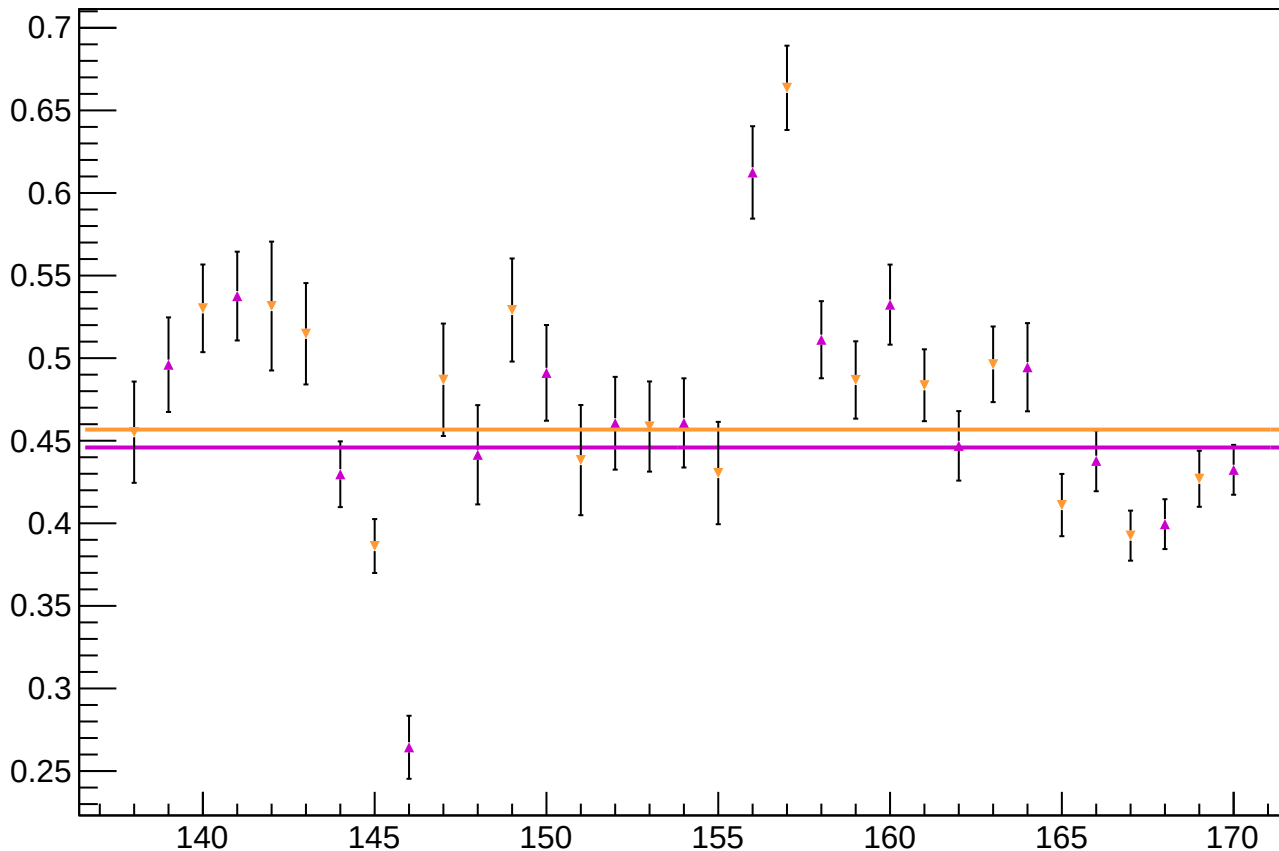
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.403+/-0.121 χ^2/NDF :1733.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.333+/-0.118 χ^2/NDF :1833.9/15

Left: -14.854+/-0.085 χ^2/NDF : 3607.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.333+/-0.118 χ^2/NDF :1833.9/15
 Out: -15.403+/-0.121 χ^2/NDF :1733.7/16

All: -14.854+/-0.085 χ^2/NDF : 3607.6/32

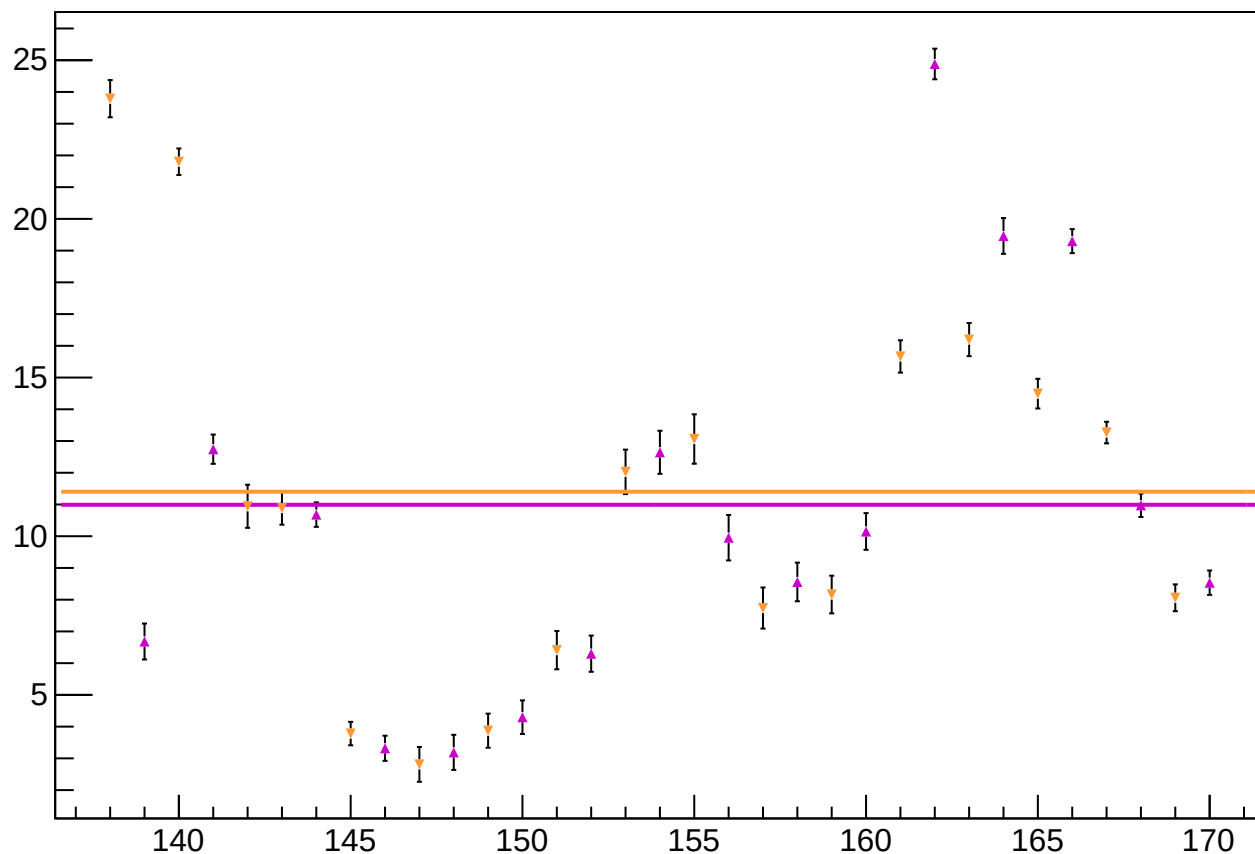
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.457+/-0.006 χ^2/NDF :139.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.446+/-0.006 χ^2/NDF :178.6/15

Left: 0.451+/-0.004 χ^2/NDF : 320.0/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.446+/-0.006 χ^2/NDF :178.6/15
 Out: 0.457+/-0.006 χ^2/NDF :139.5/16
 All: 0.451+/-0.004 χ^2/NDF : 320.0/32

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 11.403 $\pm$ 0.123 χ^2 /NDF:2358.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 10.991 $\pm$ 0.120 χ^2 /NDF:2479.3/15

Left: 11.193 $\pm$ 0.086 χ^2 /NDF: 4843.9/32

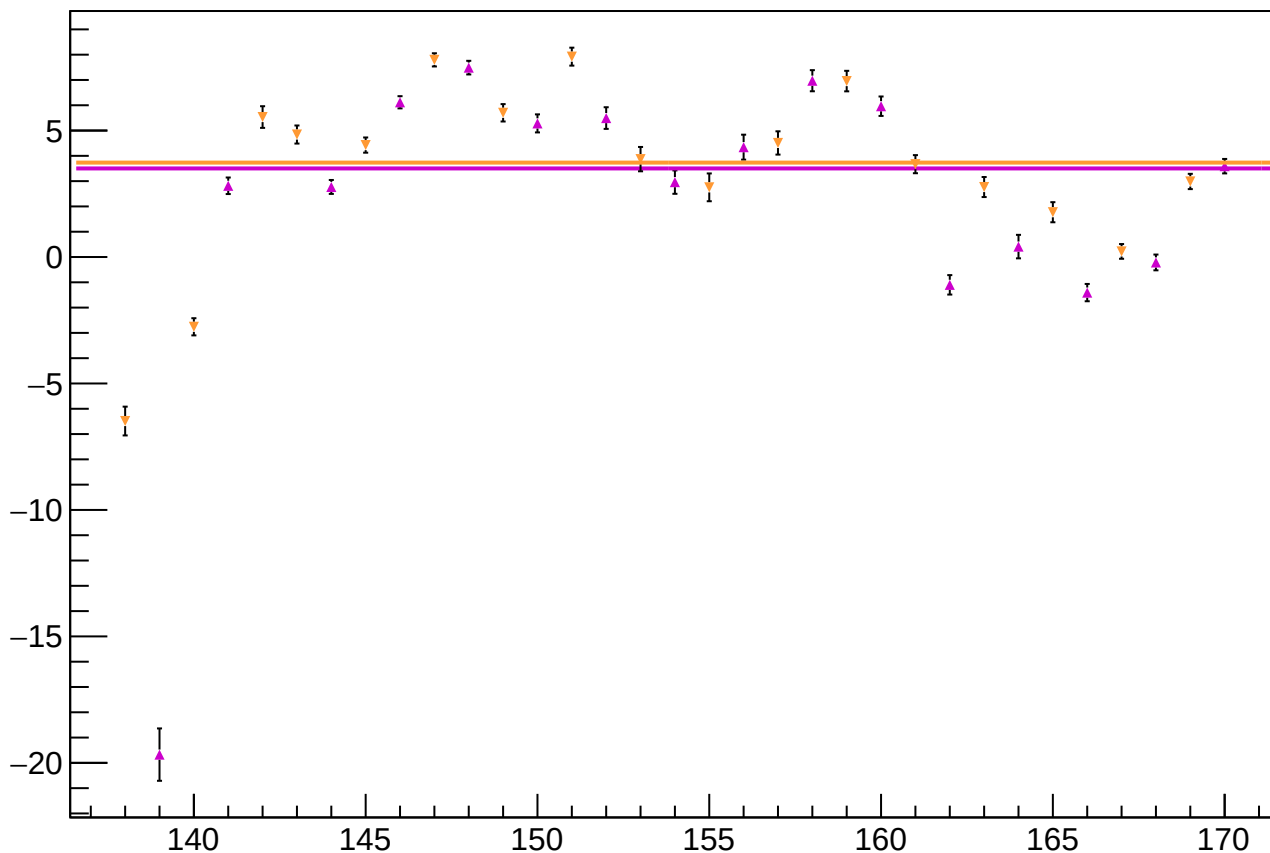
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.991 $\pm$ 0.120 χ^2 /NDF:2479.3/15

Out: 11.403 $\pm$ 0.123 χ^2 /NDF:2358.8/16

All: 11.193 $\pm$ 0.086 χ^2 /NDF: 4843.9/32

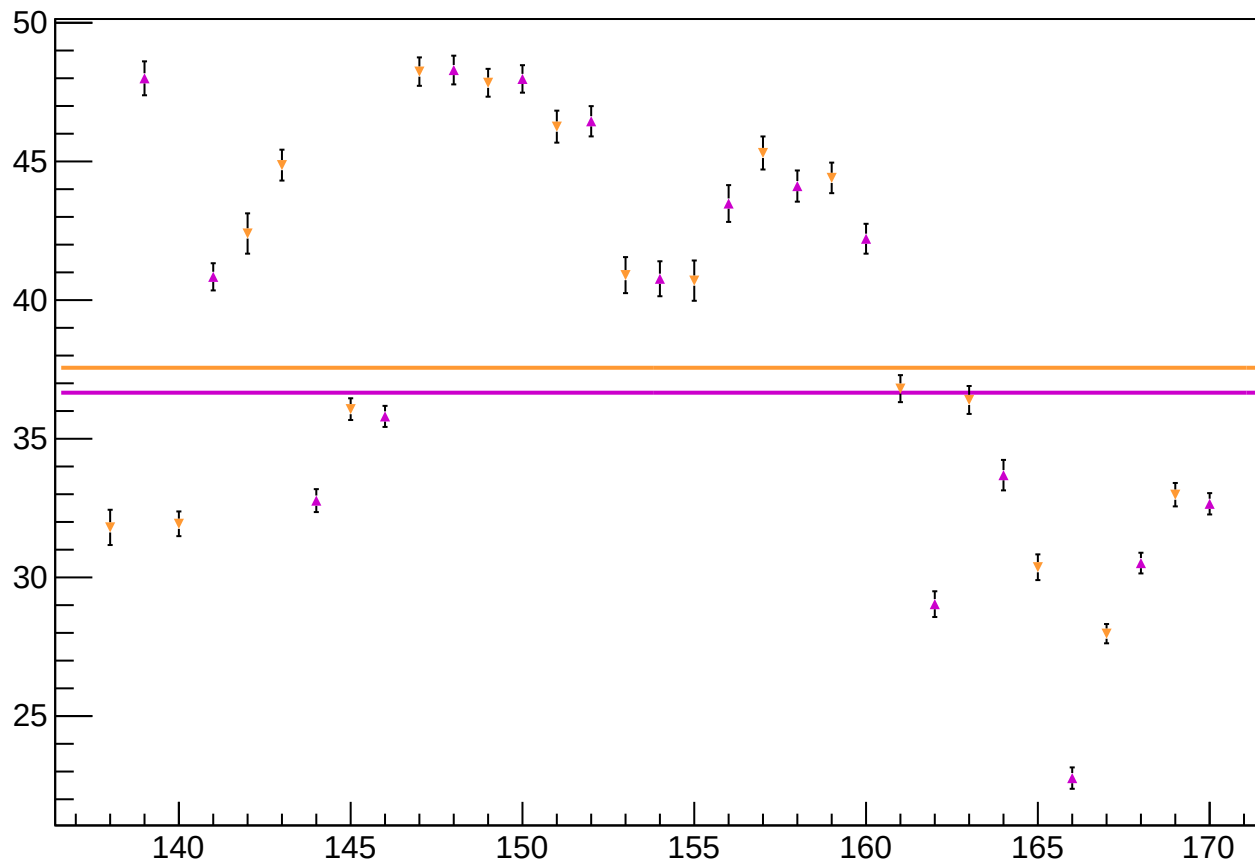
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.733 $\pm$ 0.088 χ^2 /NDF:1386.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15

Left: 3.616 $\pm$ 0.062 χ^2 /NDF: 2934.9/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15
 Out: 3.733 $\pm$ 0.088 χ^2 /NDF:1386.1/16
 All: 3.616 $\pm$ 0.062 χ^2 /NDF: 2934.9/32

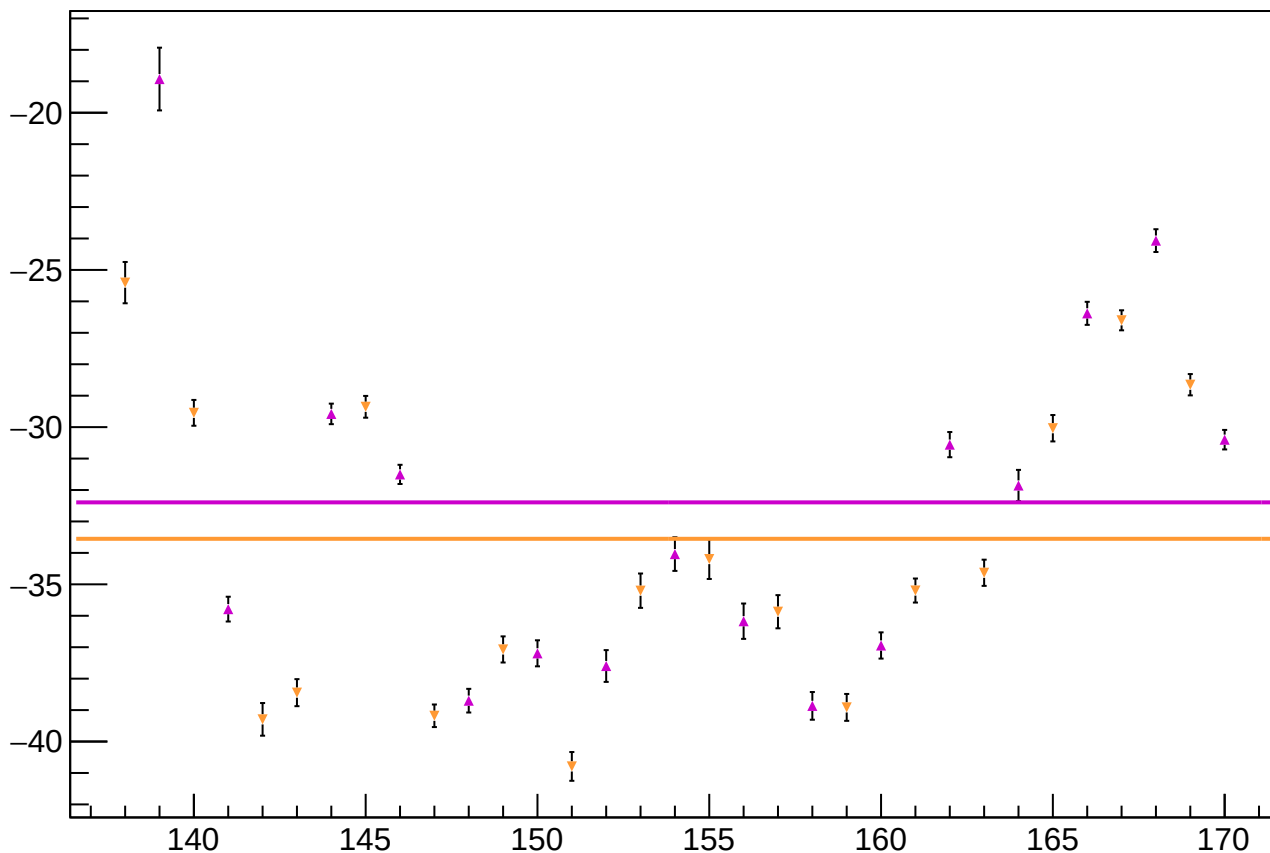
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 37.560+/-0.122 χ^2/NDF :3047.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 36.661+/-0.119 χ^2/NDF :4263.1/15

Left: 37.098+/-0.085 χ^2/NDF : 7338.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 36.661+/-0.119 χ^2/NDF :4263.1/15
 Out: 37.560+/-0.122 χ^2/NDF :3047.2/16
 All: 37.098+/-0.085 χ^2/NDF : 7338.1/32

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: -33.552+/-0.102 χ^2 /NDF:2182.3/16

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -32.393+/-0.101 χ^2 /NDF:2109.8/15

Left: -32.967+/-0.072 χ^2 /NDF: 4357.1/32

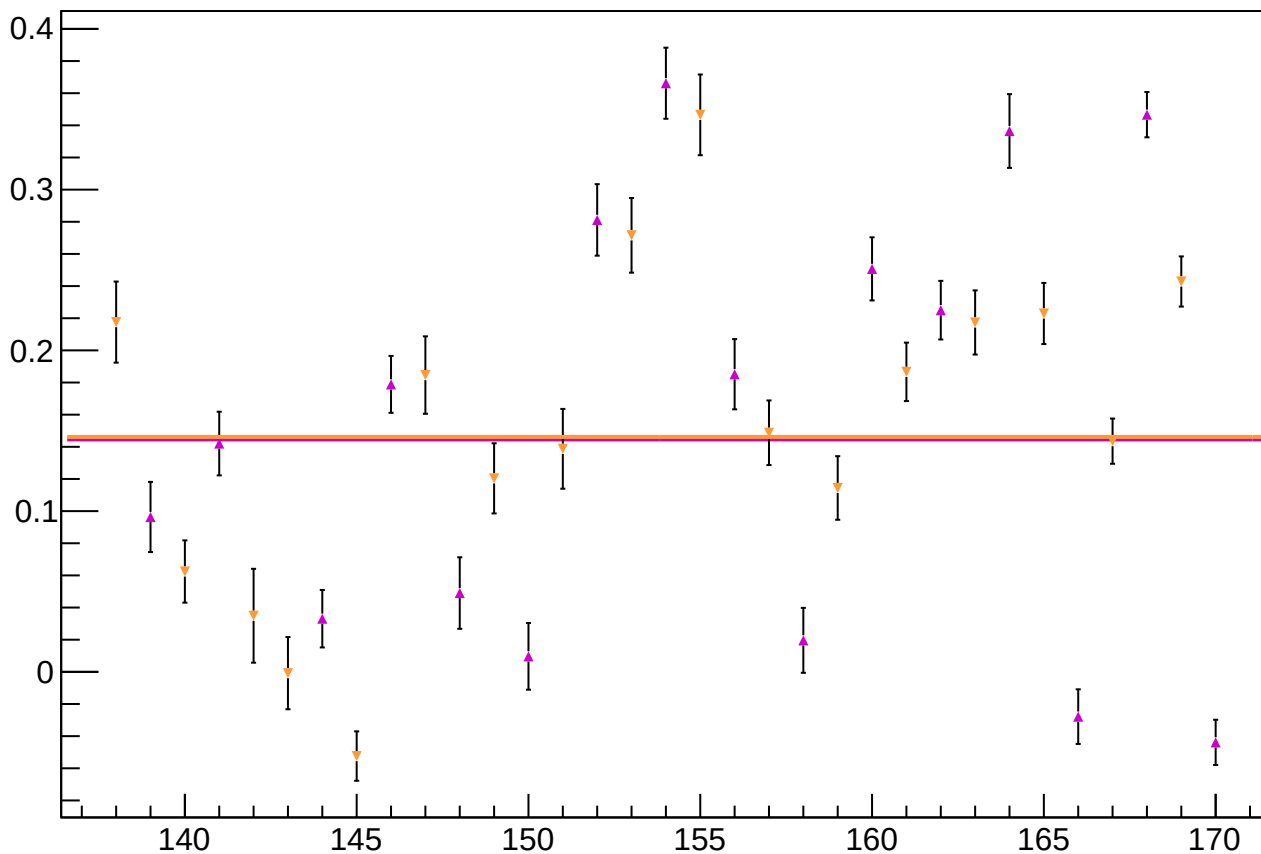
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -32.393+/-0.101 χ^2 /NDF:2109.8/15

Out: -33.552+/-0.102 χ^2 /NDF:2182.3/16

All: -32.967+/-0.072 χ^2 /NDF: 4357.1/32

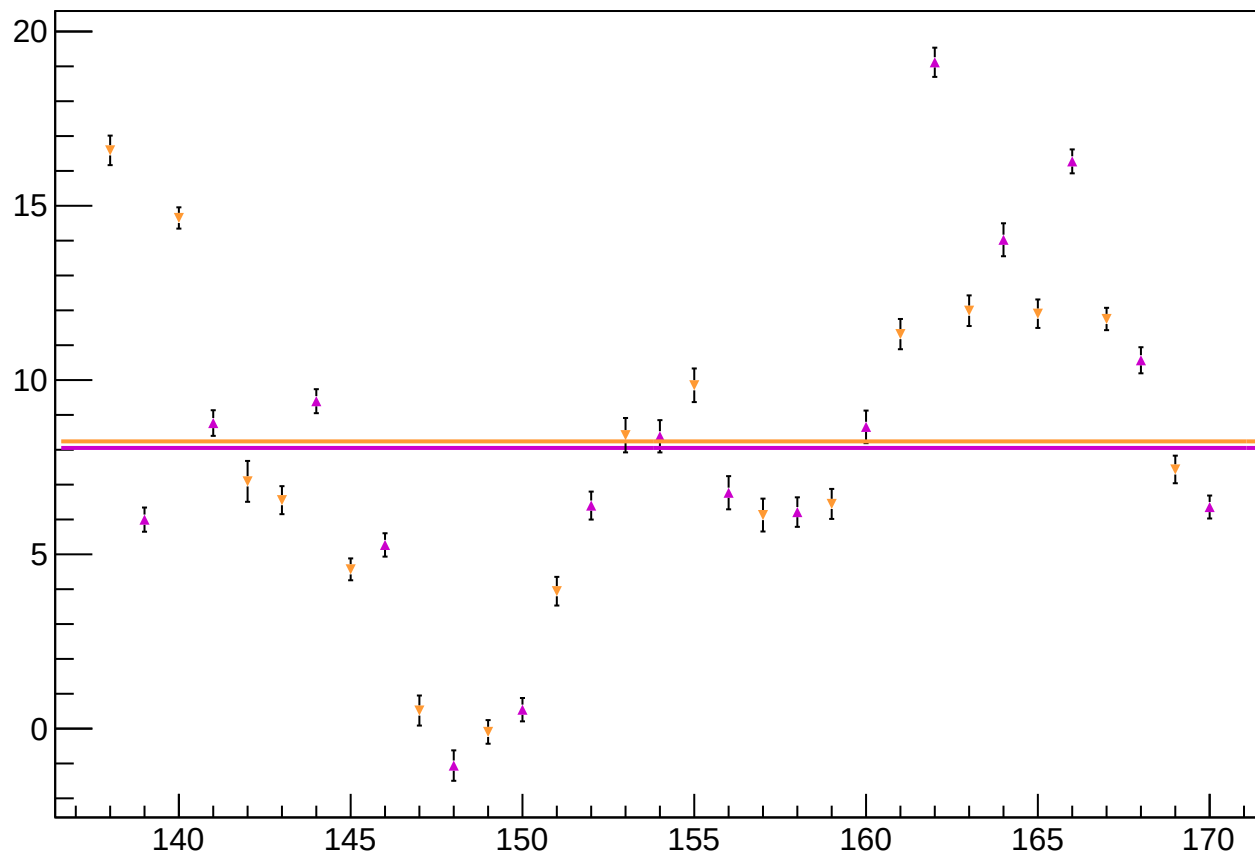
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.146+/-0.005 χ^2/NDF :422.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.145+/-0.005 χ^2/NDF :895.1/15

Left: 0.145+/-0.003 χ^2/NDF : 1317.7/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.145+/-0.005 χ^2/NDF :895.1/15
 Out: 0.146+/-0.005 χ^2/NDF :422.6/16
 All: 0.145+/-0.003 χ^2/NDF : 1317.7/32

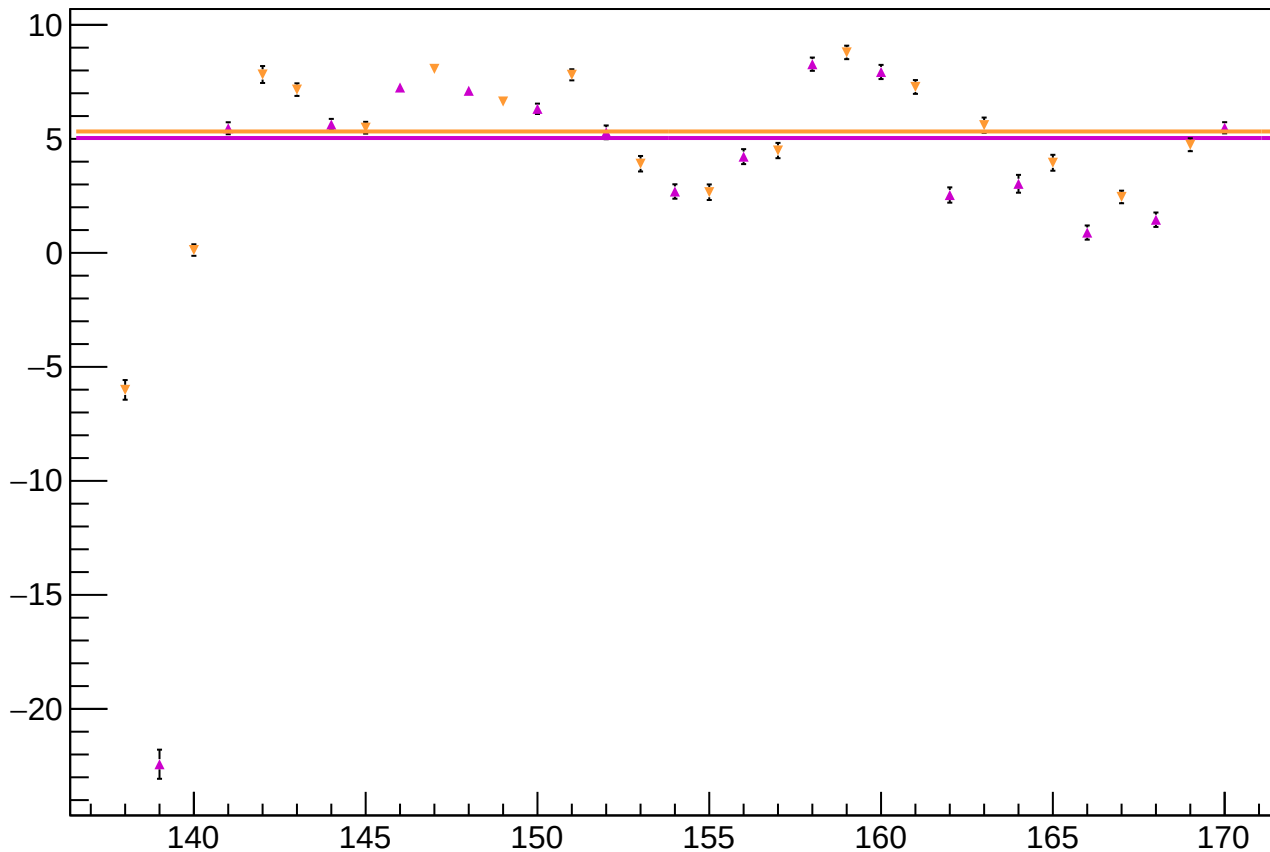
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.241 $\pm$ 0.097 χ^2 /NDF:2398.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15

Left: 8.146 $\pm$ 0.068 χ^2 /NDF: 5006.9/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15
 Out: 8.241 $\pm$ 0.097 χ^2 /NDF:2398.2/16
 All: 8.146 $\pm$ 0.068 χ^2 /NDF: 5006.9/32

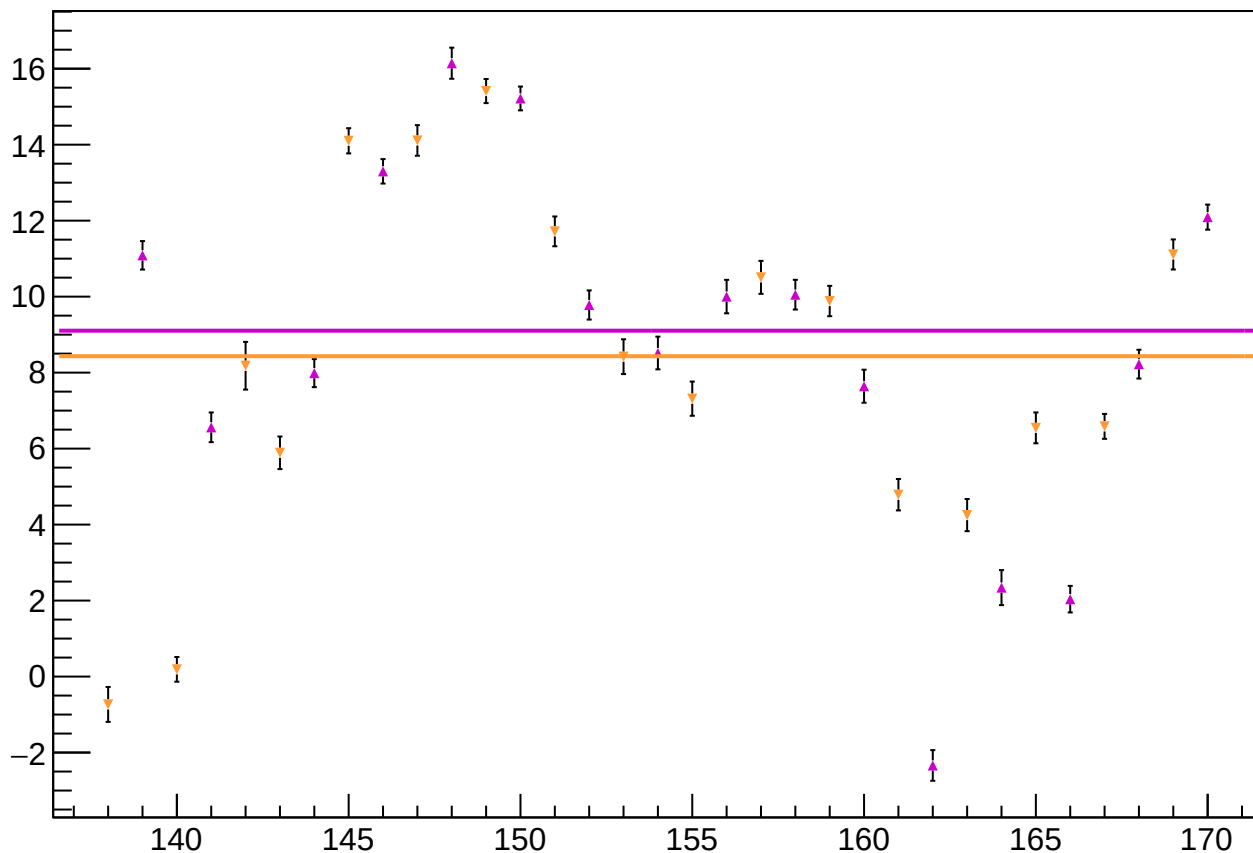
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.324 $\pm$ 0.069 χ^2 /NDF:1910.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15

Left: 5.183 $\pm$ 0.049 χ^2 /NDF: 4669.7/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15
 Out: 5.324 $\pm$ 0.069 χ^2 /NDF:1910.2/16
 All: 5.183 $\pm$ 0.049 χ^2 /NDF: 4669.7/32

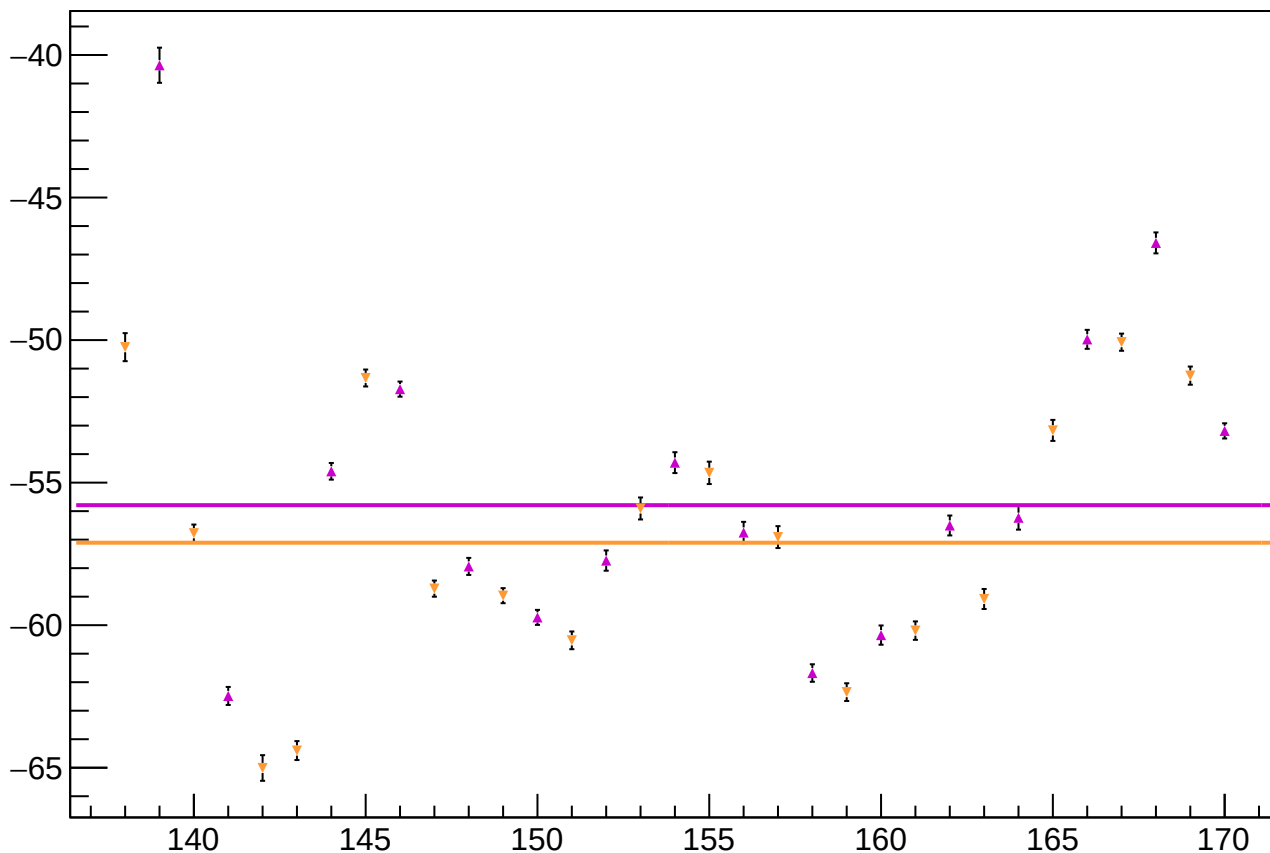
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.432+/-0.096 χ^2/NDF :2437.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.104+/-0.095 χ^2/NDF :2465.9/15

Left: 8.772+/-0.068 χ^2/NDF : 4928.2/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.104+/-0.095 χ^2/NDF :2465.9/15
 Out: 8.432+/-0.096 χ^2/NDF :2437.5/16
 All: 8.772+/-0.068 χ^2/NDF : 4928.2/32

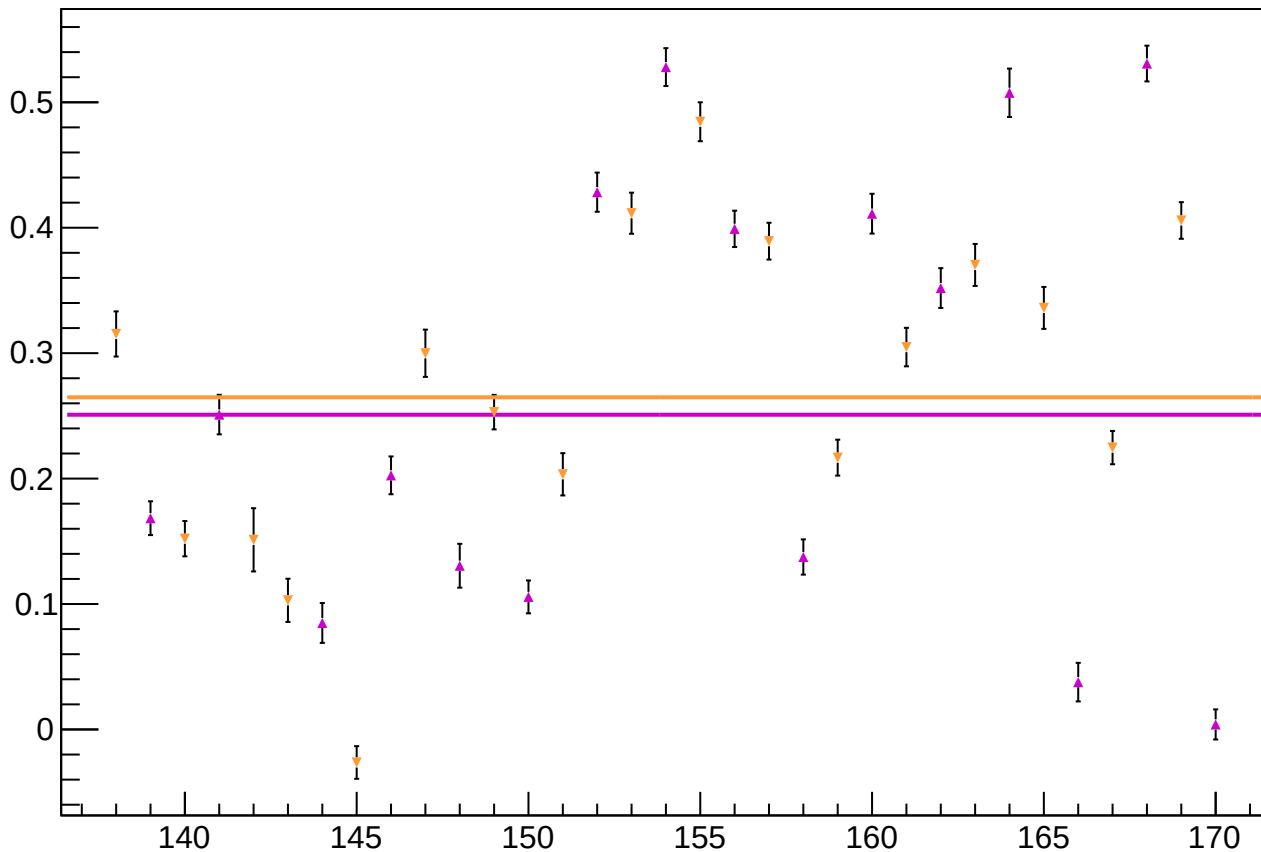
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.107+/-0.081 χ^2/NDF : 3022.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

Left: -56.455+/-0.057 χ^2/NDF : 6392.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -55.790+/-0.081 χ^2/NDF : 3237.9/15
 Out: -57.107+/-0.081 χ^2/NDF : 3022.4/16
 All: -56.455+/-0.057 χ^2/NDF : 6392.1/32

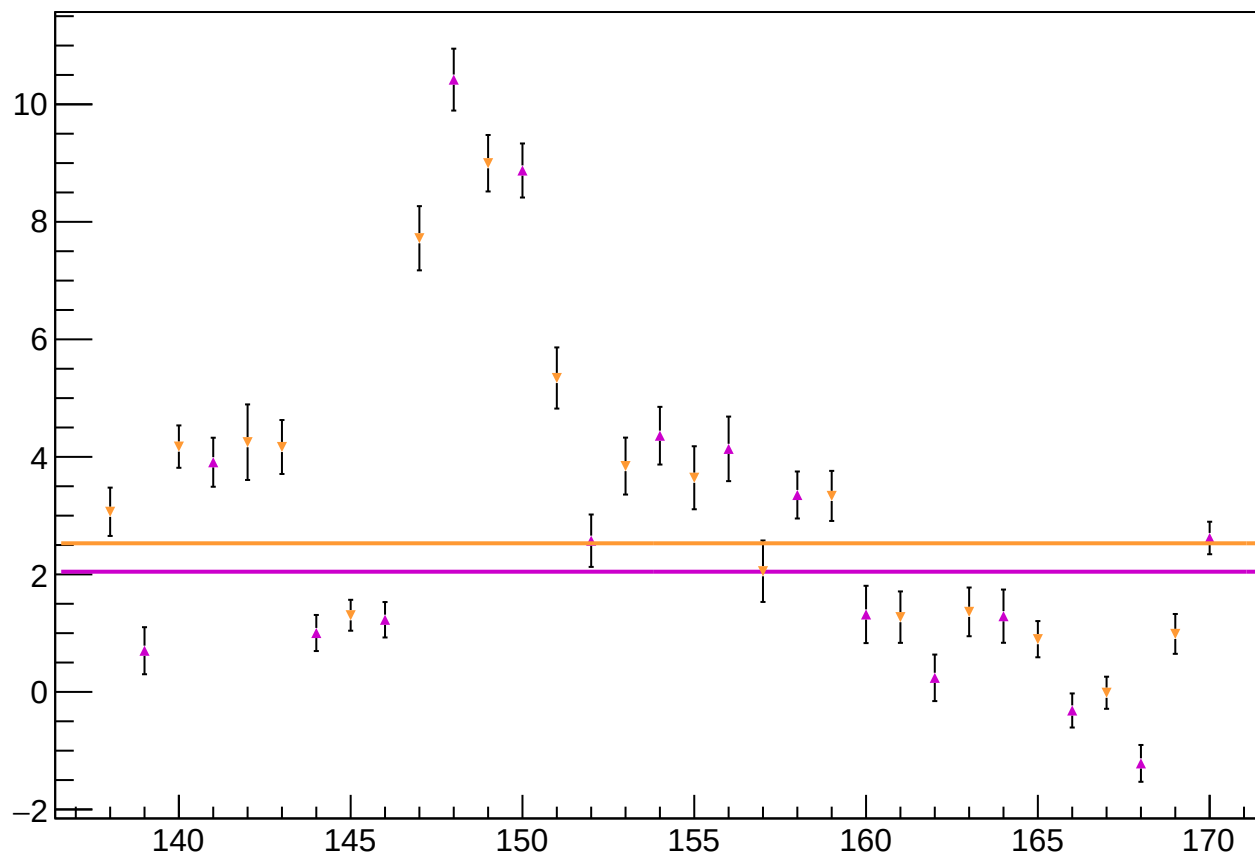
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.265+/-0.004 χ^2/NDF :1229.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.251+/-0.004 χ^2/NDF :2284.1/15

Left: 0.258+/-0.003 χ^2/NDF : 3520.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.251+/-0.004 χ^2/NDF :2284.1/15
 Out: 0.265+/-0.004 χ^2/NDF :1229.7/16
 All: 0.258+/-0.003 χ^2/NDF : 3520.6/32

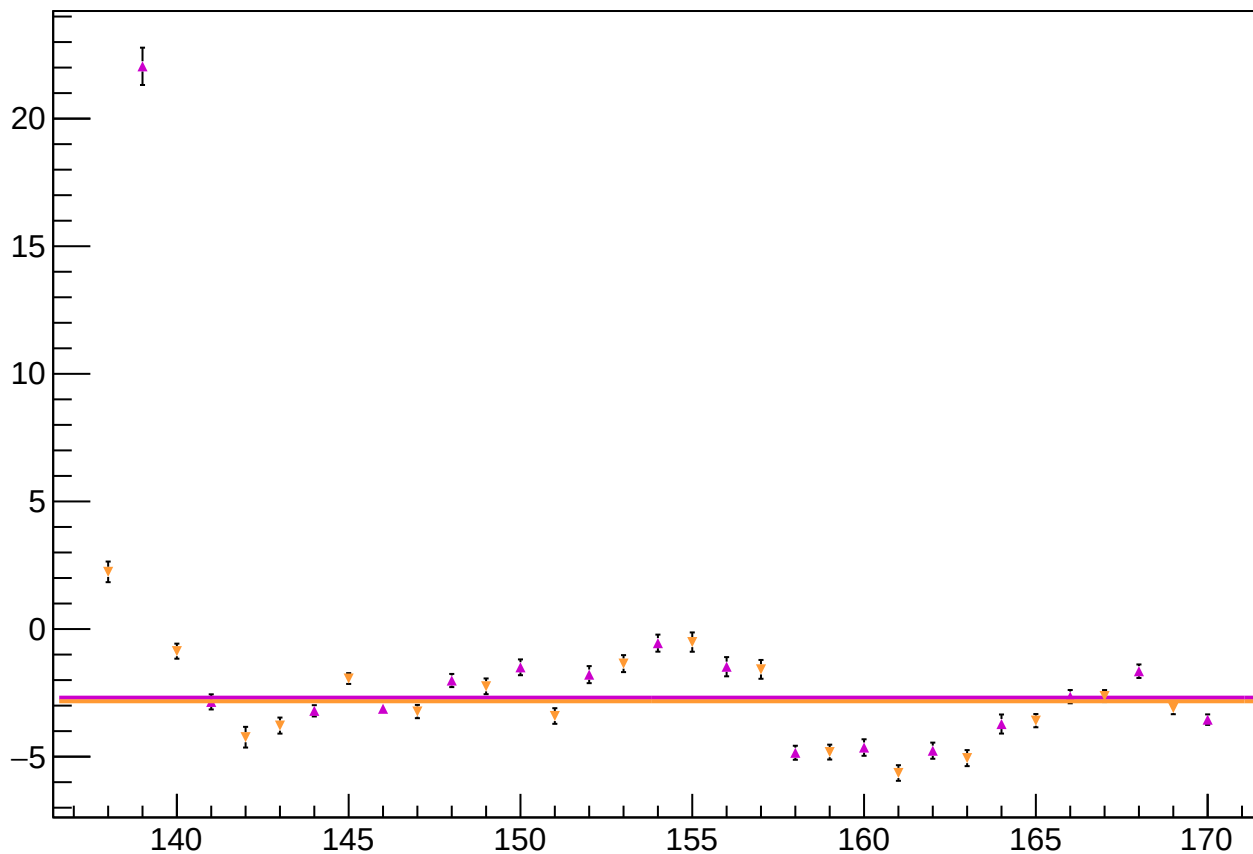
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.529 $\pm$ 0.097 χ^2 /NDF:532.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.046 $\pm$ 0.095 χ^2 /NDF:776.9/15

Left: 2.283 $\pm$ 0.068 χ^2 /NDF: 1322.1/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.046 $\pm$ 0.095 χ^2 /NDF:776.9/15
 Out: 2.529 $\pm$ 0.097 χ^2 /NDF:532.4/16
 All: 2.283 $\pm$ 0.068 χ^2 /NDF: 1322.1/32

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



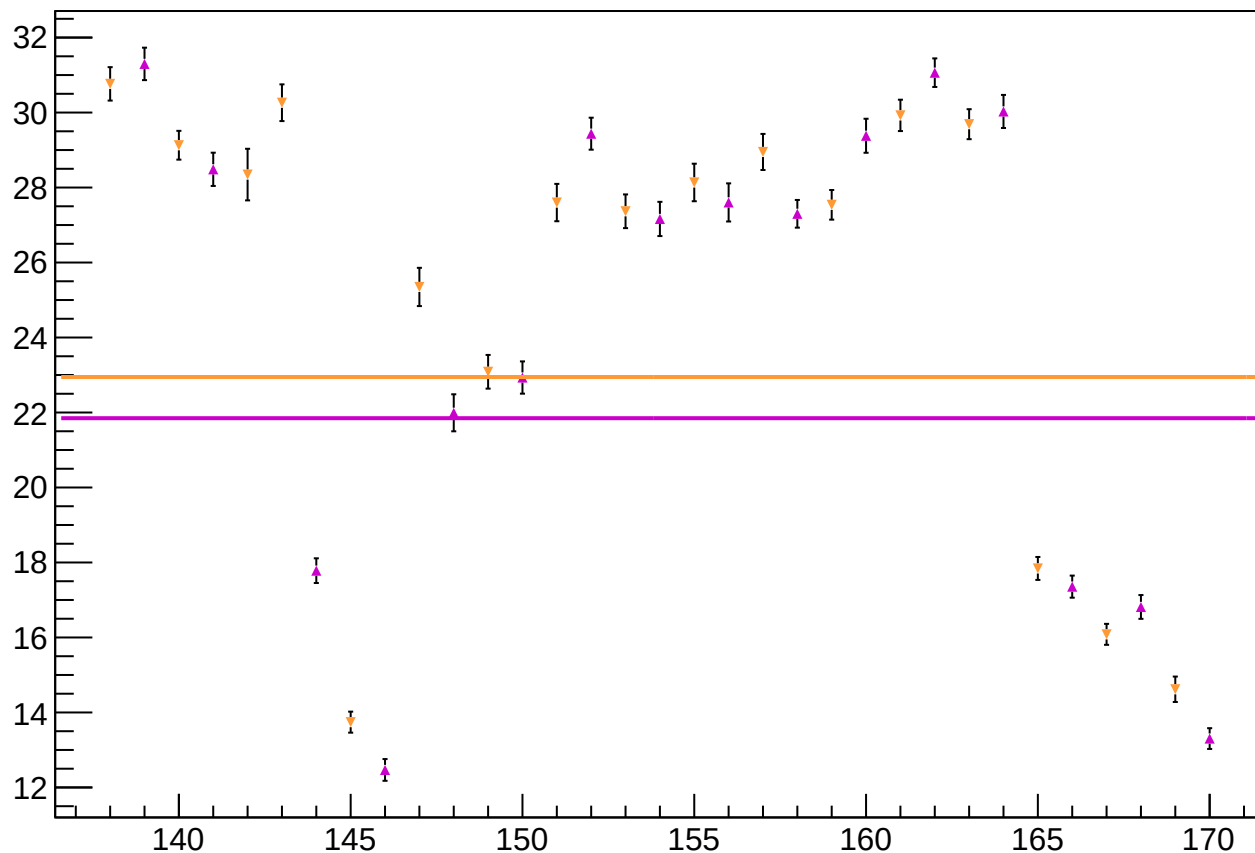
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.830+/-0.071 χ^2/NDF :510.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.689+/-0.070 χ^2/NDF :1418.0/15

Left: -2.758+/-0.050 χ^2/NDF : 1930.9/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.689+/-0.070 χ^2/NDF :1418.0/15
 Out: -2.830+/-0.071 χ^2/NDF :510.9/16

All: -2.758+/-0.050 χ^2/NDF : 1930.9/32

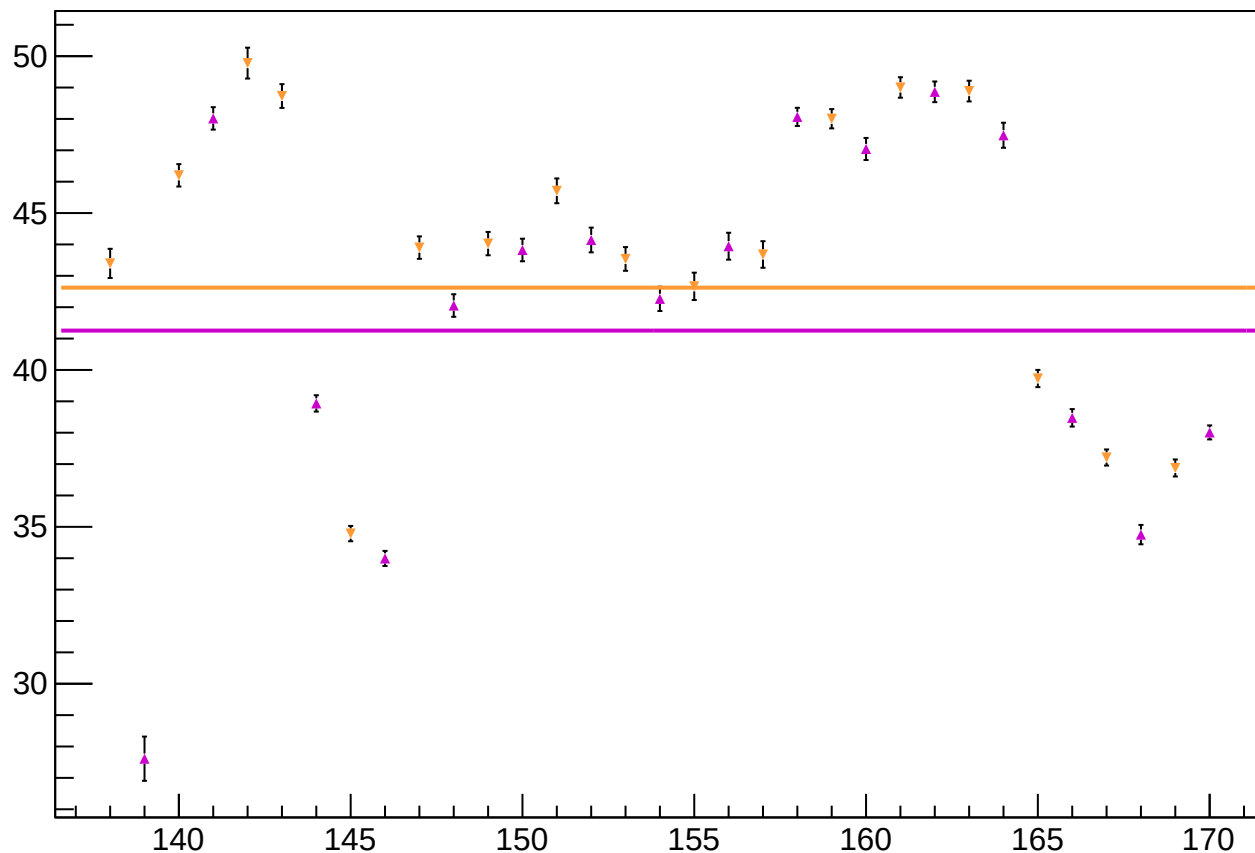
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 22.946 $\pm$ 0.096 χ^2 /NDF:4581.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 21.848 $\pm$ 0.094 χ^2 /NDF:5343.7/15

Left: 22.381 $\pm$ 0.067 χ^2 /NDF: 9992.0/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 21.848 $\pm$ 0.094 χ^2 /NDF:5343.7/15
 Out: 22.946 $\pm$ 0.096 χ^2 /NDF:4581.6/16
 All: 22.381 $\pm$ 0.067 χ^2 /NDF: 9992.0/32

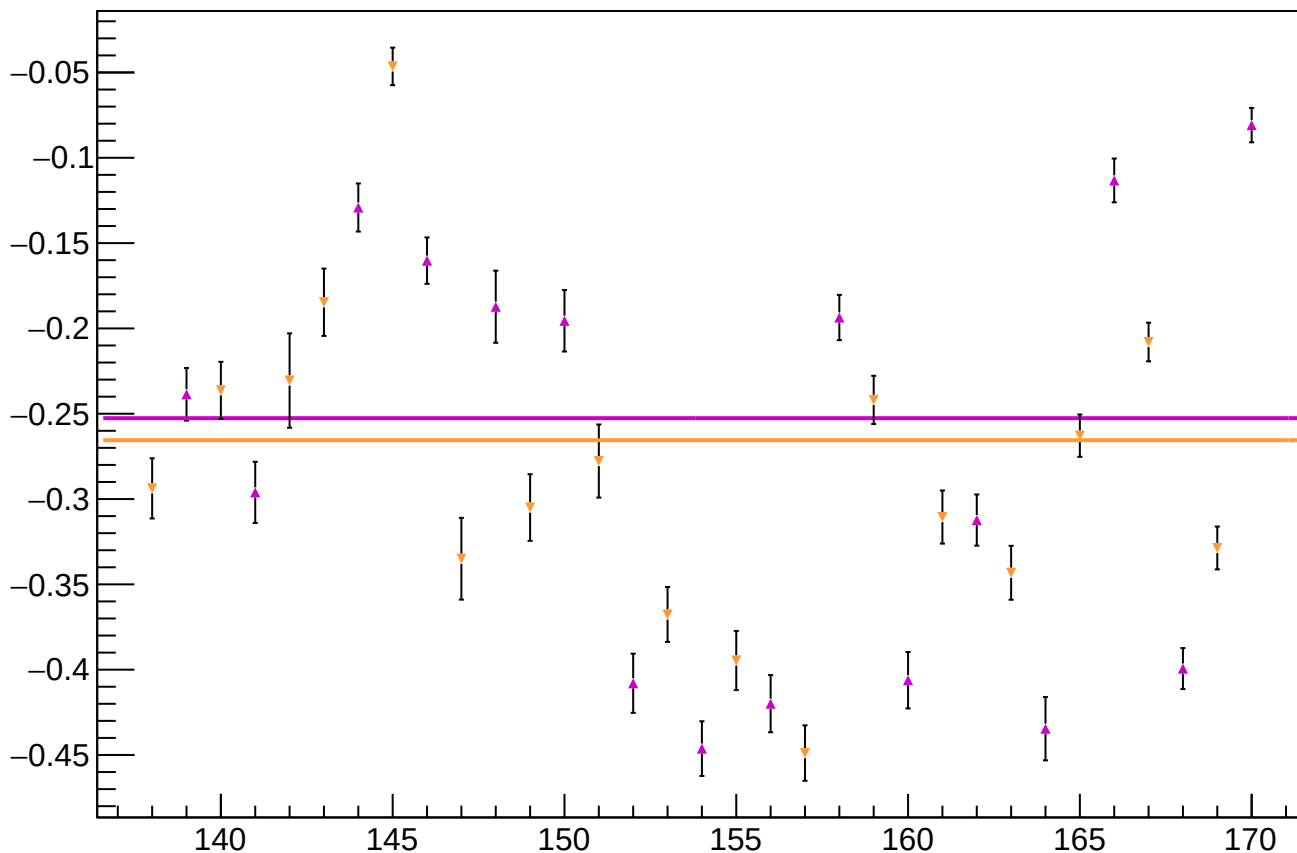
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.623+/-0.081 χ^2/NDF :3761.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.254+/-0.080 χ^2/NDF :4235.7/15

Left: 41.930+/-0.057 χ^2/NDF : 8140.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.254+/-0.080 χ^2/NDF :4235.7/15
 Out: 42.623+/-0.081 χ^2/NDF :3761.7/16
 All: 41.930+/-0.057 χ^2/NDF : 8140.6/32

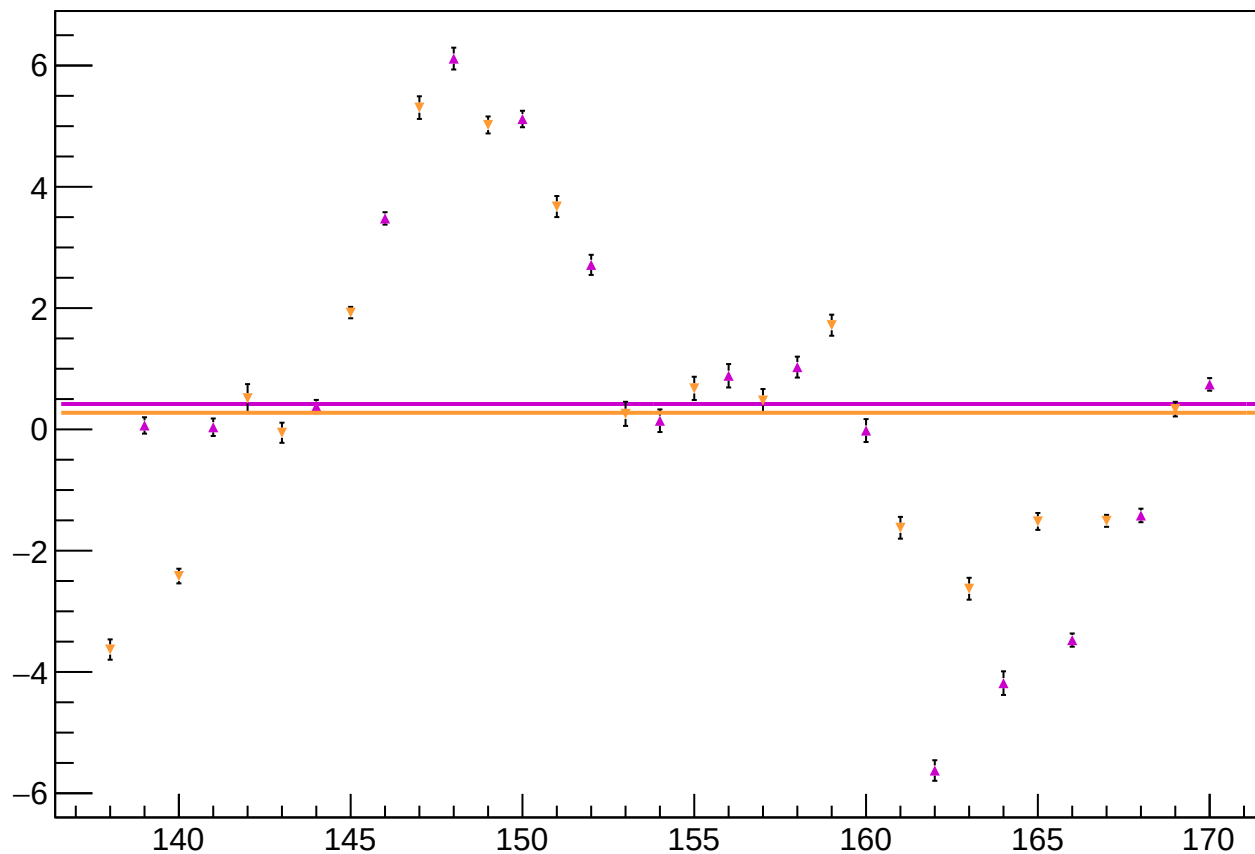
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.266+/-0.004 χ^2/NDF :744.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.253+/-0.004 χ^2/NDF :1250.8/15

Left: -0.259+/-0.003 χ^2/NDF : 2001.1/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.253+/-0.004 χ^2/NDF :1250.8/15
 Out: -0.266+/-0.004 χ^2/NDF :744.3/16
 All: -0.259+/-0.003 χ^2/NDF : 2001.1/32

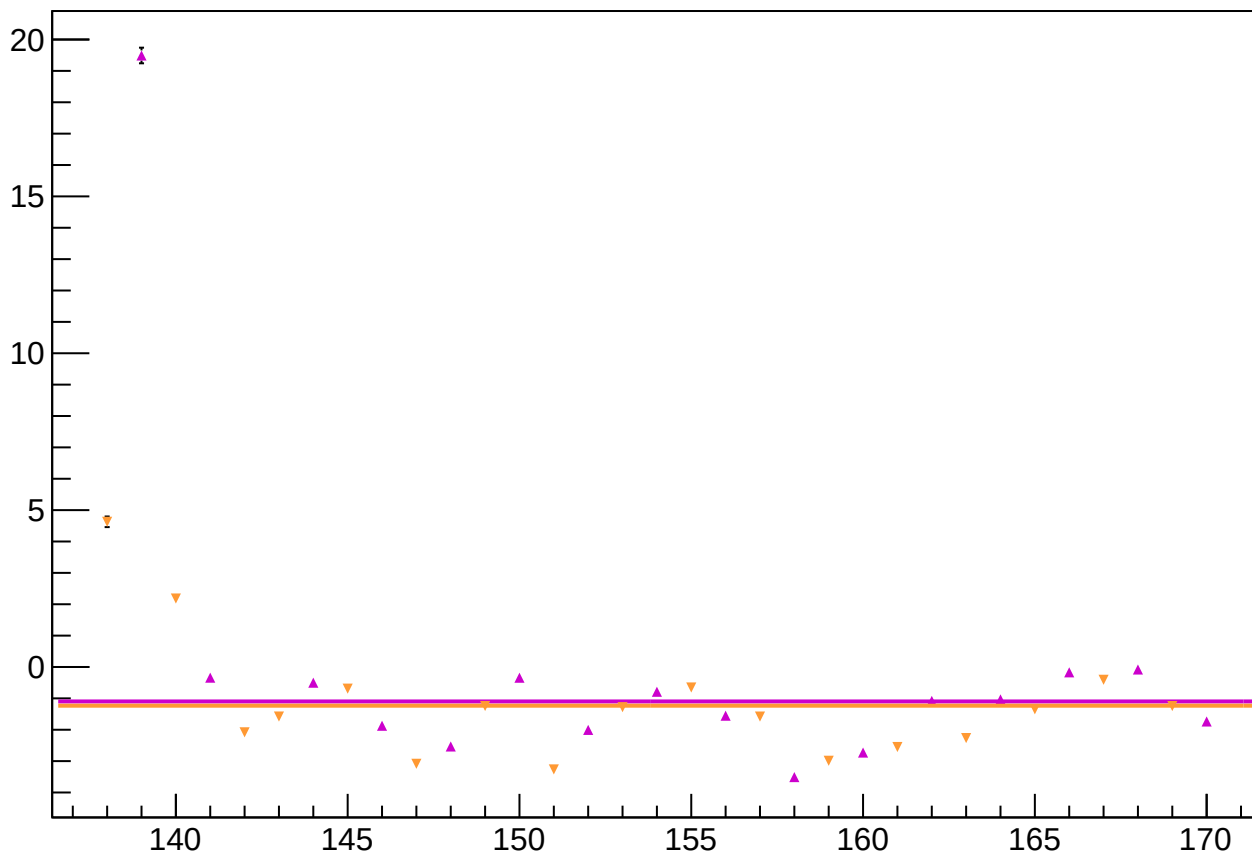
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.274+/-0.036 χ^2/NDF :4549.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.419+/-0.035 χ^2/NDF :6709.5/15

Left: 0.349+/-0.025 χ^2/NDF : 11267.7/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.419+/-0.035 χ^2/NDF :6709.5/15
 Out: 0.274+/-0.036 χ^2/NDF :4549.7/16
 All: 0.349+/-0.025 χ^2/NDF : 11267.7/32

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



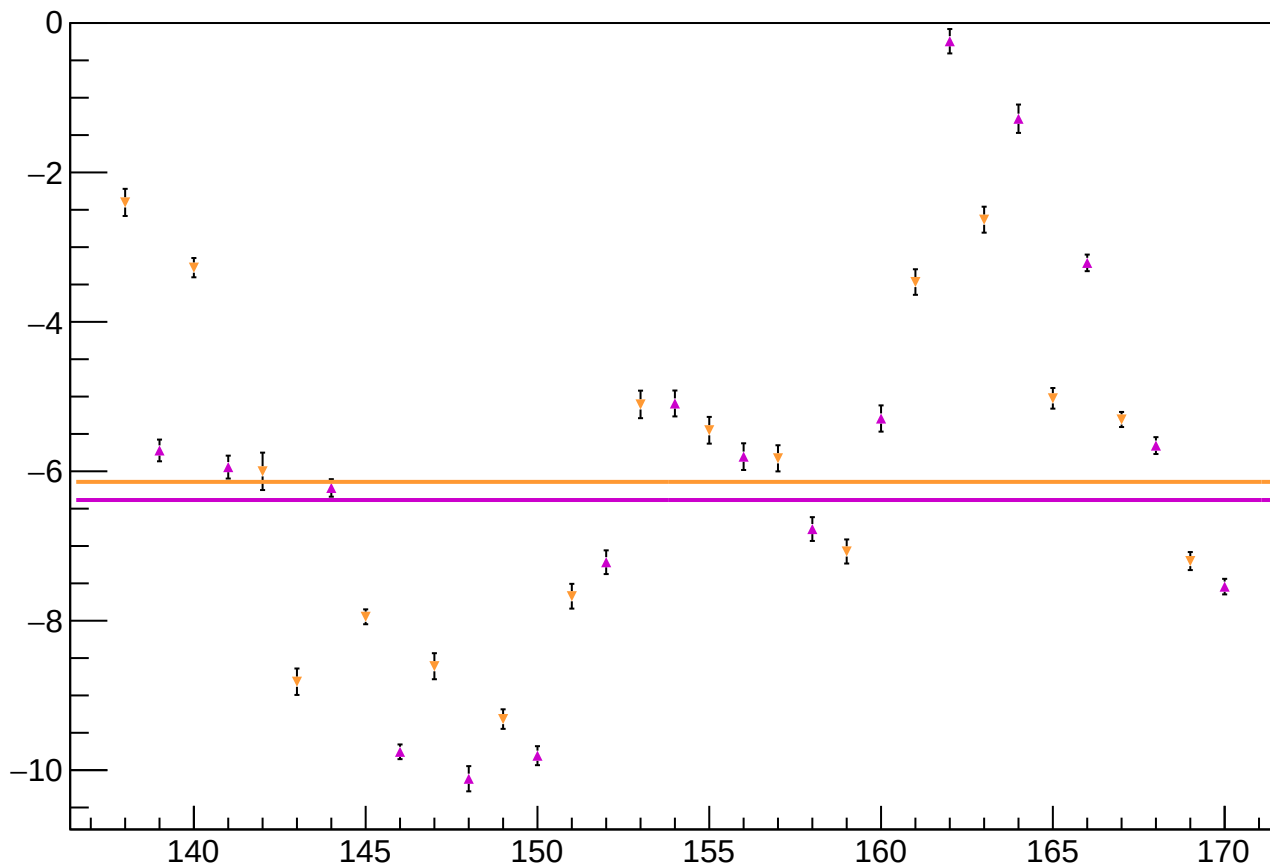
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.234+/-0.026 χ^2/NDF : 3780.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.098+/-0.026 χ^2/NDF : 8327.9/15

Left: -1.164+/-0.018 χ^2/NDF : 12122.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.098+/-0.026 χ^2/NDF : 8327.9/15
 Out: -1.234+/-0.026 χ^2/NDF : 3780.8/16

All: -1.164+/-0.018 χ^2/NDF : 12122.5/32

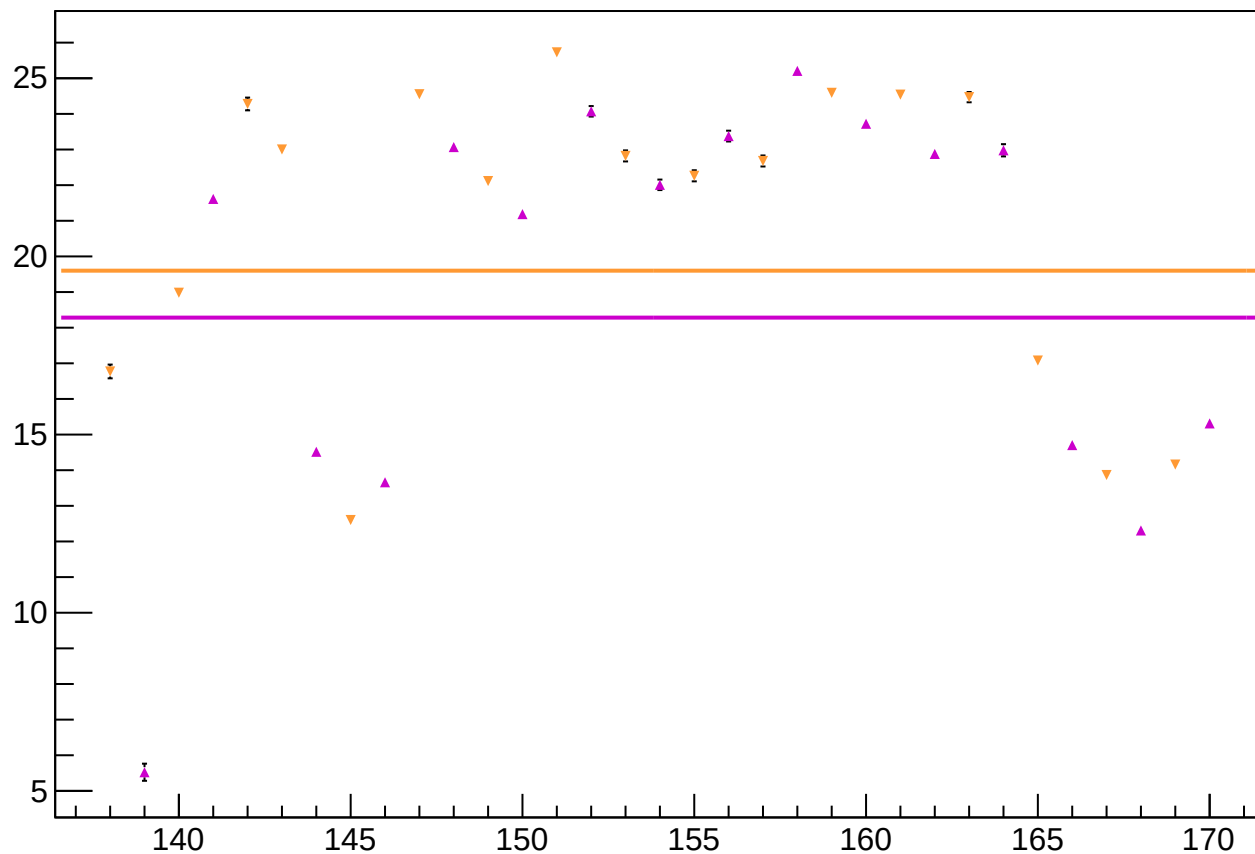
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.142 $\pm$ 0.036 χ^2 /NDF:3295.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15

Left: -6.268 $\pm$ 0.025 χ^2 /NDF: 8994.1/32
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15
 Out: -6.142 $\pm$ 0.036 χ^2 /NDF:3295.2/16
 All: -6.268 $\pm$ 0.025 χ^2 /NDF: 8994.1/32

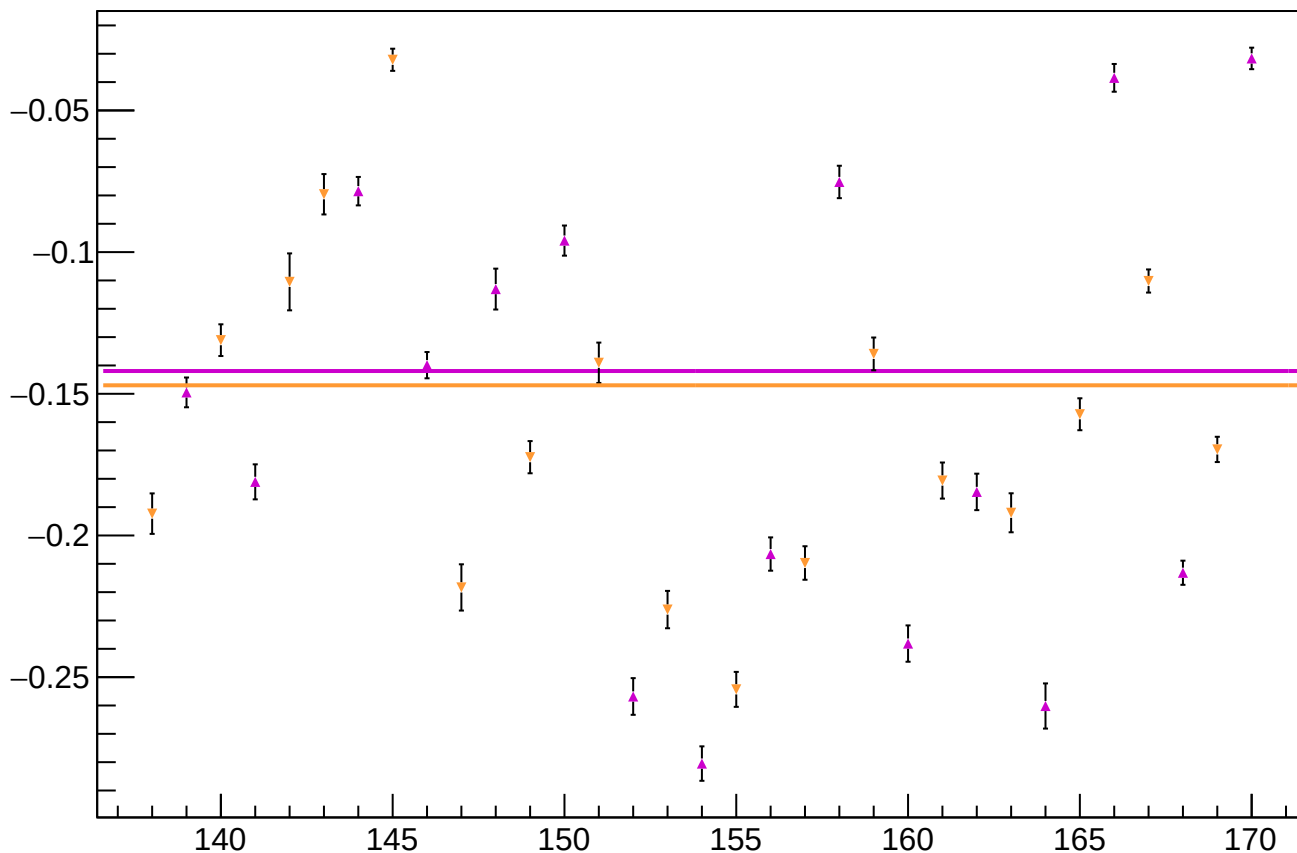
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 19.600+/-0.030 χ^2/NDF :24766.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.282+/-0.029 χ^2/NDF :25720.8/15

Left: 18.925+/-0.021 χ^2/NDF : 51461.8/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.282+/-0.029 χ^2/NDF :25720.8/15
 Out: 19.600+/-0.030 χ^2/NDF :24766.2/16
 All: 18.925+/-0.021 χ^2/NDF : 51461.8/32

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.147+/-0.001 χ^2/NDF :1856.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.142+/-0.001 χ^2/NDF :3444.0/15

Left: -0.144+/-0.001 χ^2/NDF : 5307.2/32

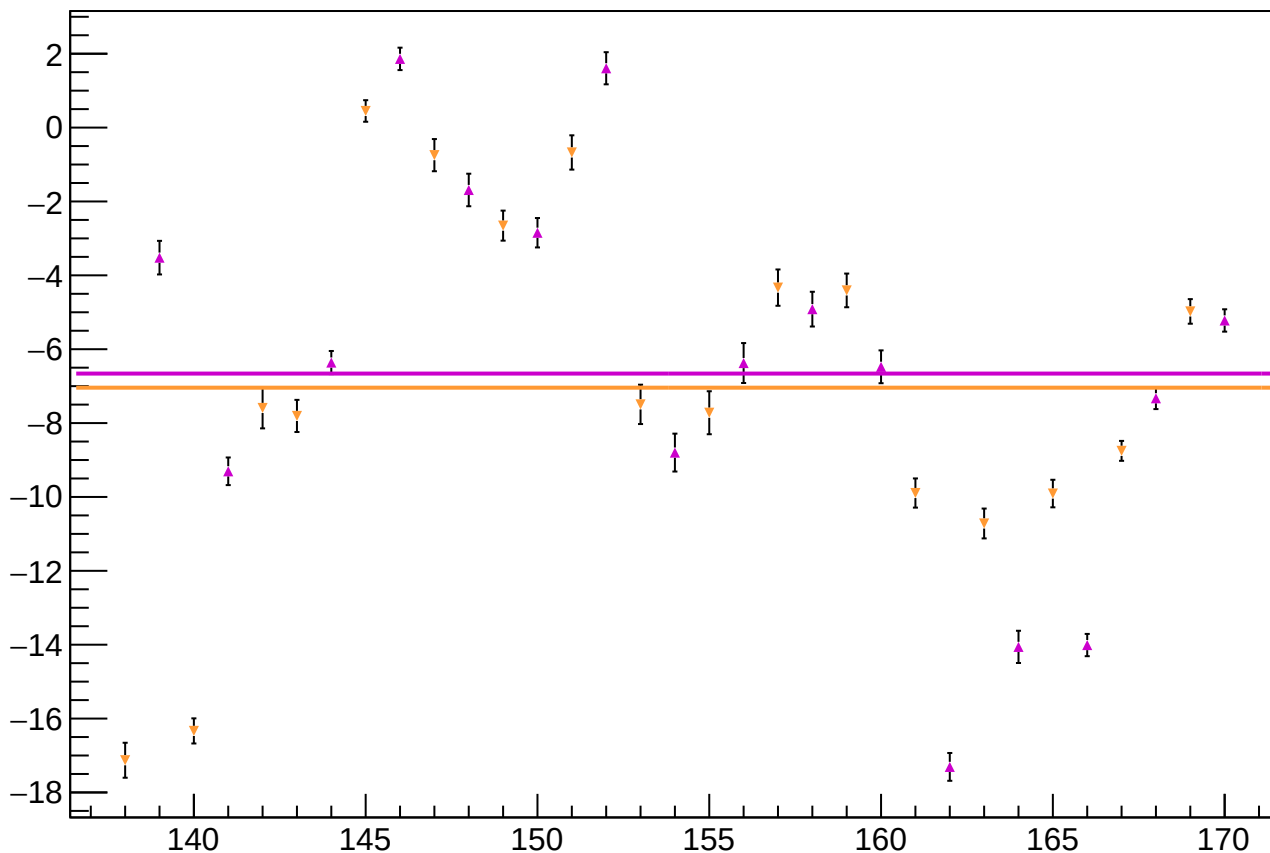
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.142+/-0.001 χ^2/NDF :3444.0/15

Out: -0.147+/-0.001 χ^2/NDF :1856.5/16

All: -0.144+/-0.001 χ^2/NDF : 5307.2/32

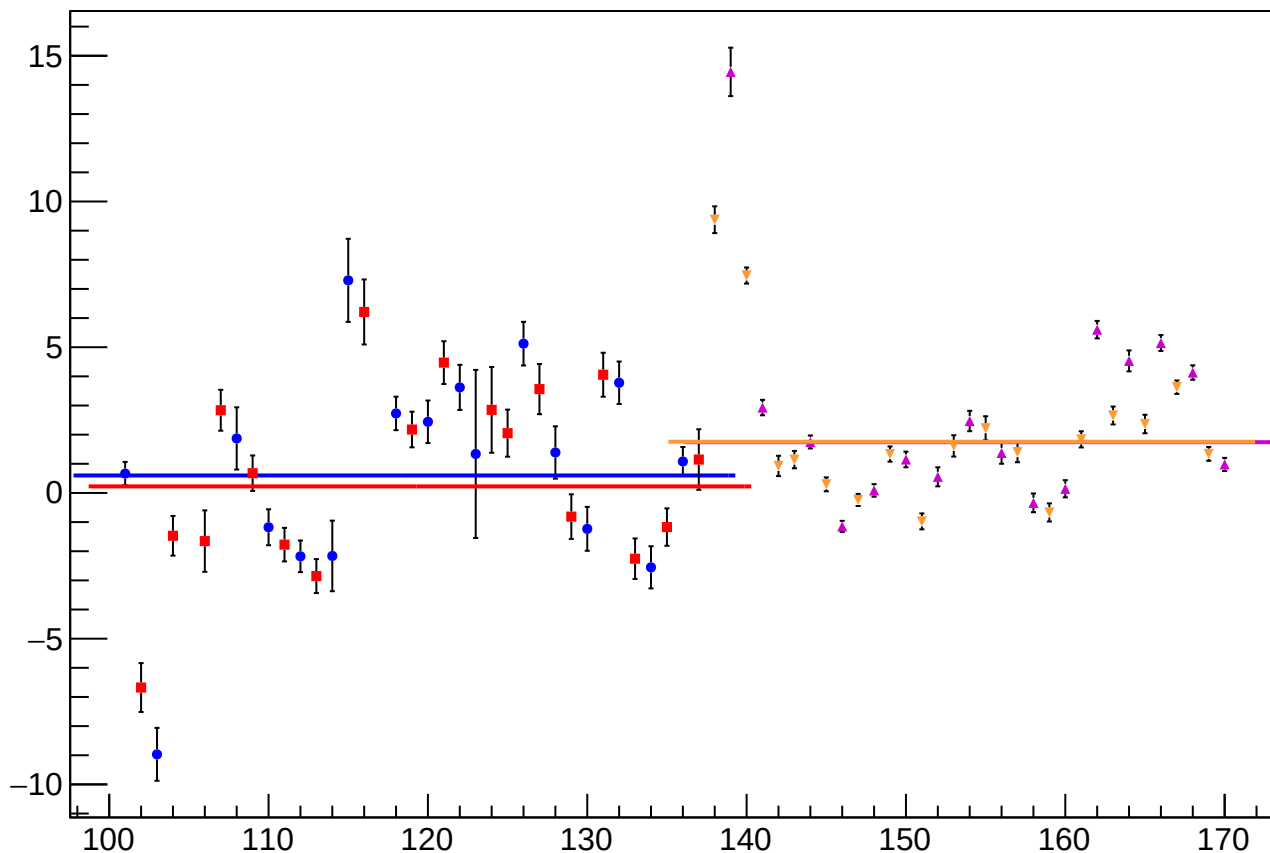
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.041+/-0.097 χ^2/NDF :2715.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.660+/-0.094 χ^2/NDF :3208.2/15

Left: -6.846+/-0.067 χ^2/NDF : 5931.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.660+/-0.094 χ^2/NDF :3208.2/15
 Out: -7.041+/-0.097 χ^2/NDF :2715.3/16
 All: -6.846+/-0.067 χ^2/NDF : 5931.5/32

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 1.758 $\pm$ 0.069 χ^2 /NDF:1087.6/16

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 1.742 $\pm$ 0.069 χ^2 /NDF:1122.1/15

Left: 1.750 $\pm$ 0.049 χ^2 /NDF: 2209.8/32

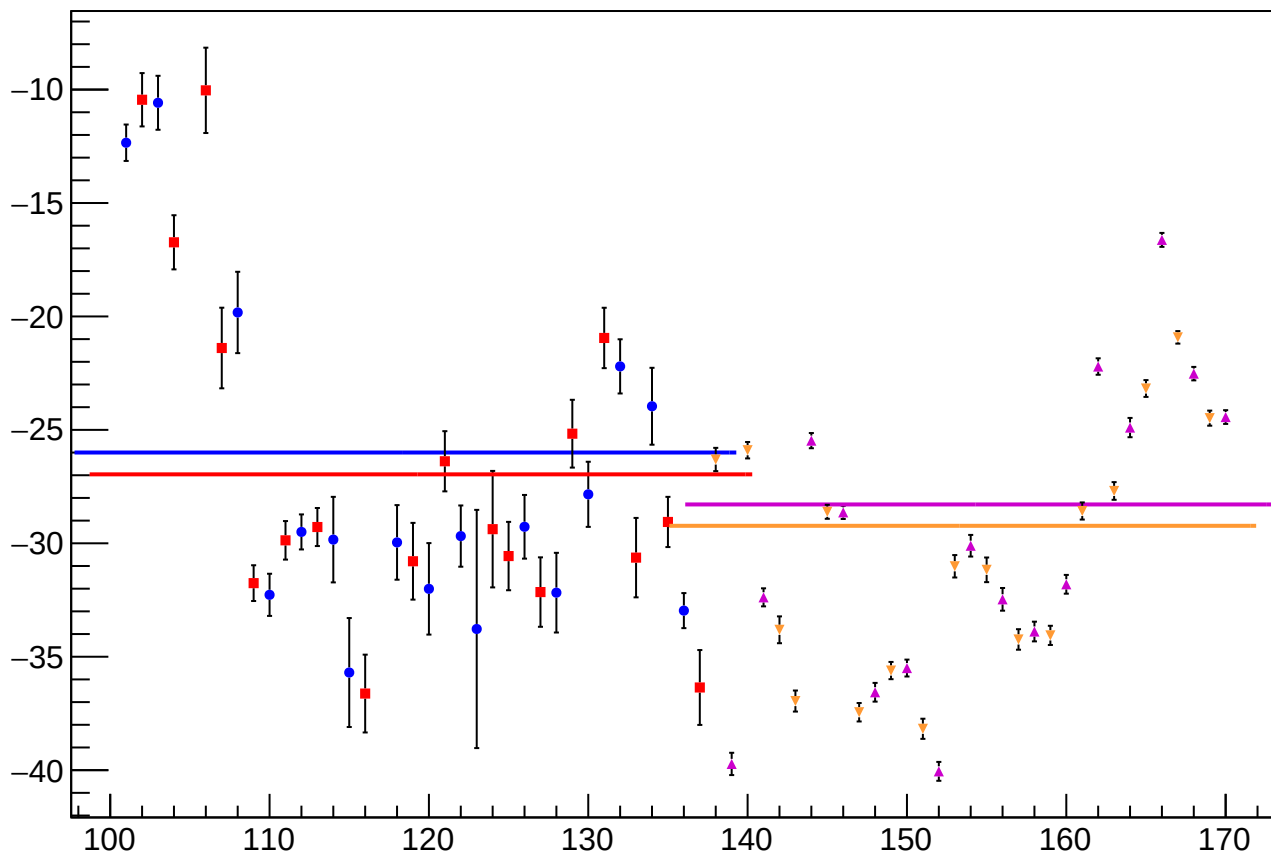
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 1.581 $\pm$ 0.064 χ^2 /NDF:1453.2/32

Out: 1.550 $\pm$ 0.064 χ^2 /NDF:1427.3/34

All: 1.565 $\pm$ 0.045 χ^2 /NDF: 2880.6/67

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: -29.229 ± 0.096 χ^2/NDF : 3227.5/16

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -28.287 ± 0.093 χ^2/NDF : 4943.6/15

Left: -28.743 ± 0.067 χ^2/NDF : 8220.6/32

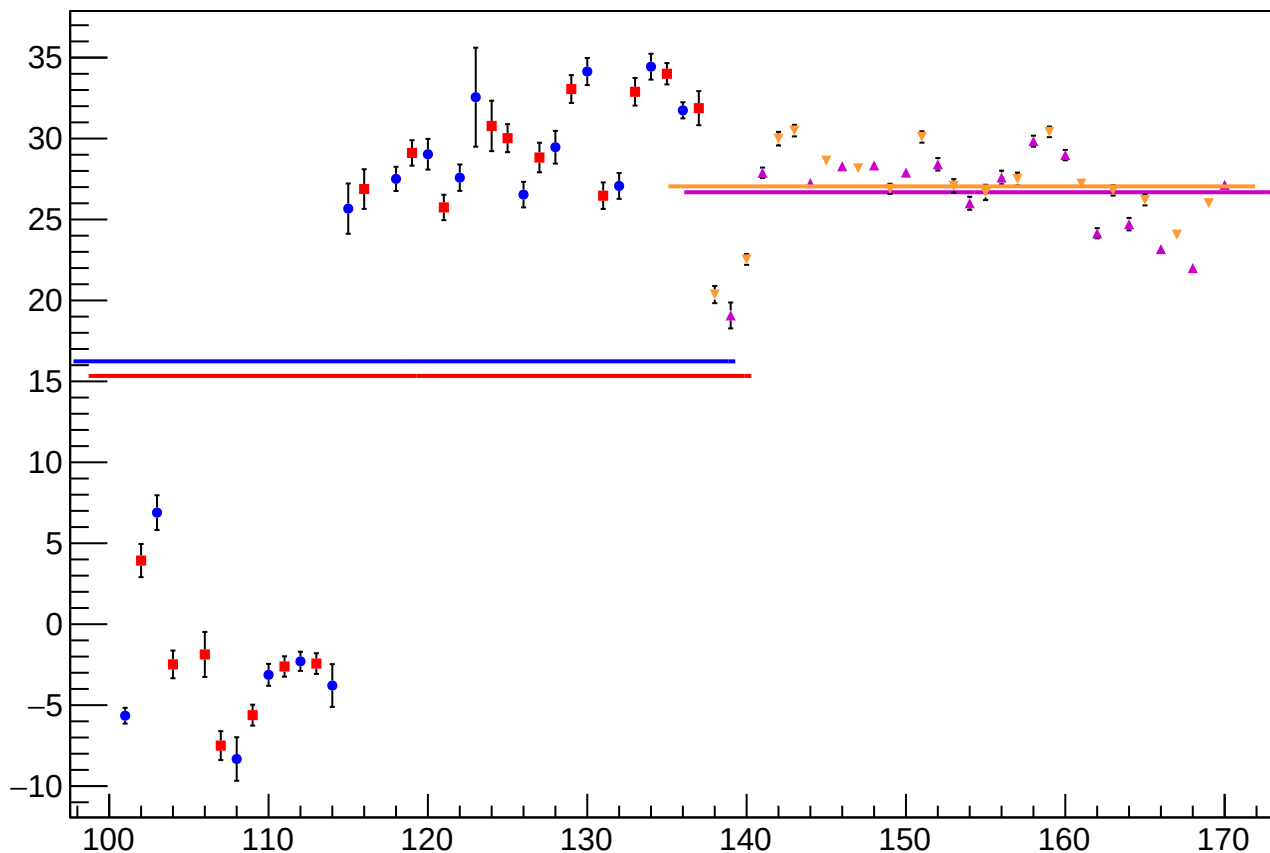
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -28.086 ± 0.089 χ^2/NDF : 5689.2/32

Out: -29.016 ± 0.091 χ^2/NDF : 3815.3/34

All: -28.538 ± 0.064 χ^2/NDF : 9557.6/67

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: 27.048 $\pm$ 0.080 χ^2 /NDF:874.7/16

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.684 $\pm$ 0.079 χ^2 /NDF:868.3/15

Left: 26.864 $\pm$ 0.056 χ^2 /NDF: 1753.4/32

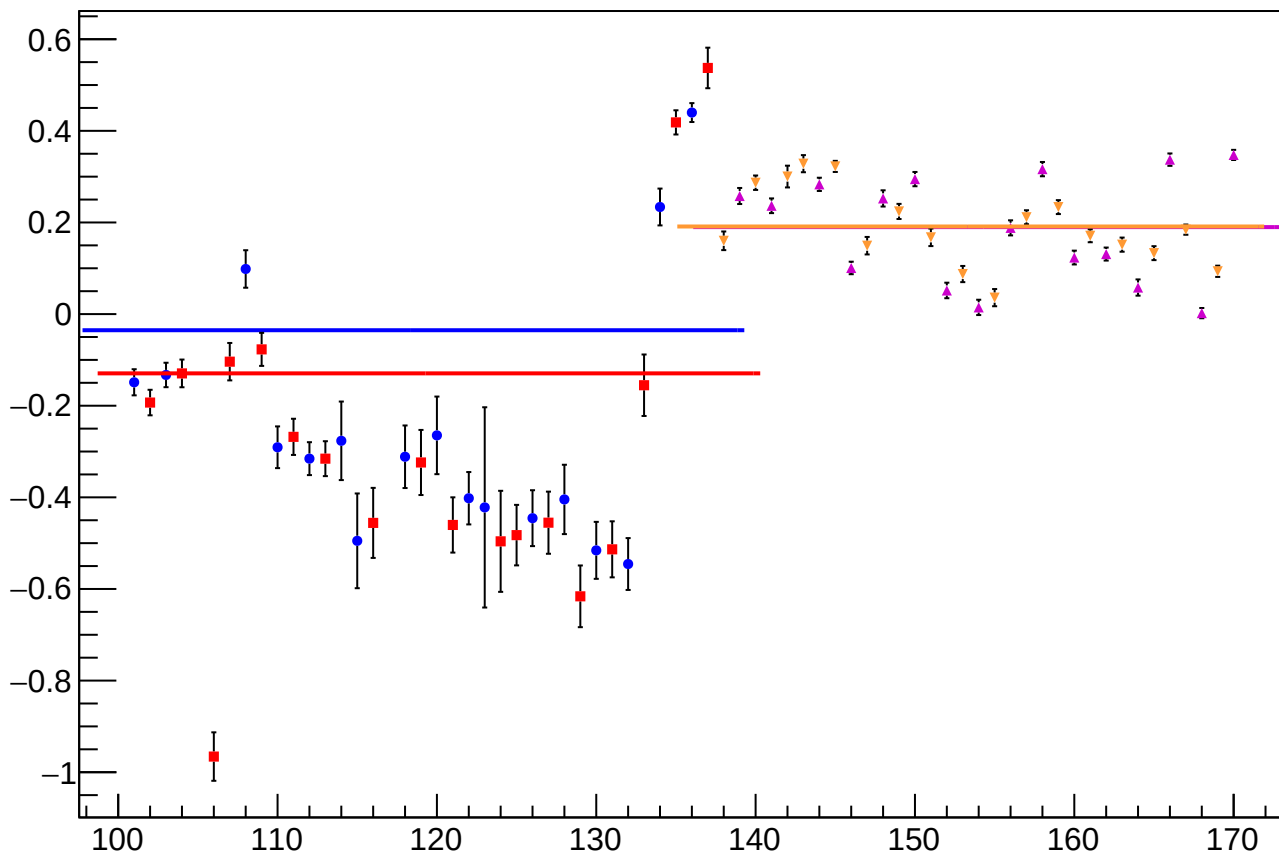
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.151 $\pm$ 0.073 χ^2 /NDF:10990.7/32

Out: 25.379 $\pm$ 0.074 χ^2 /NDF:11161.1/34

All: 25.264 $\pm$ 0.052 χ^2 /NDF: 22156.6/67

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.191 ± 0.004 χ^2/NDF : 440.6/16

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.190 ± 0.004 χ^2/NDF : 1101.6/15

Left: 0.191 ± 0.003 χ^2/NDF : 1542.2/32

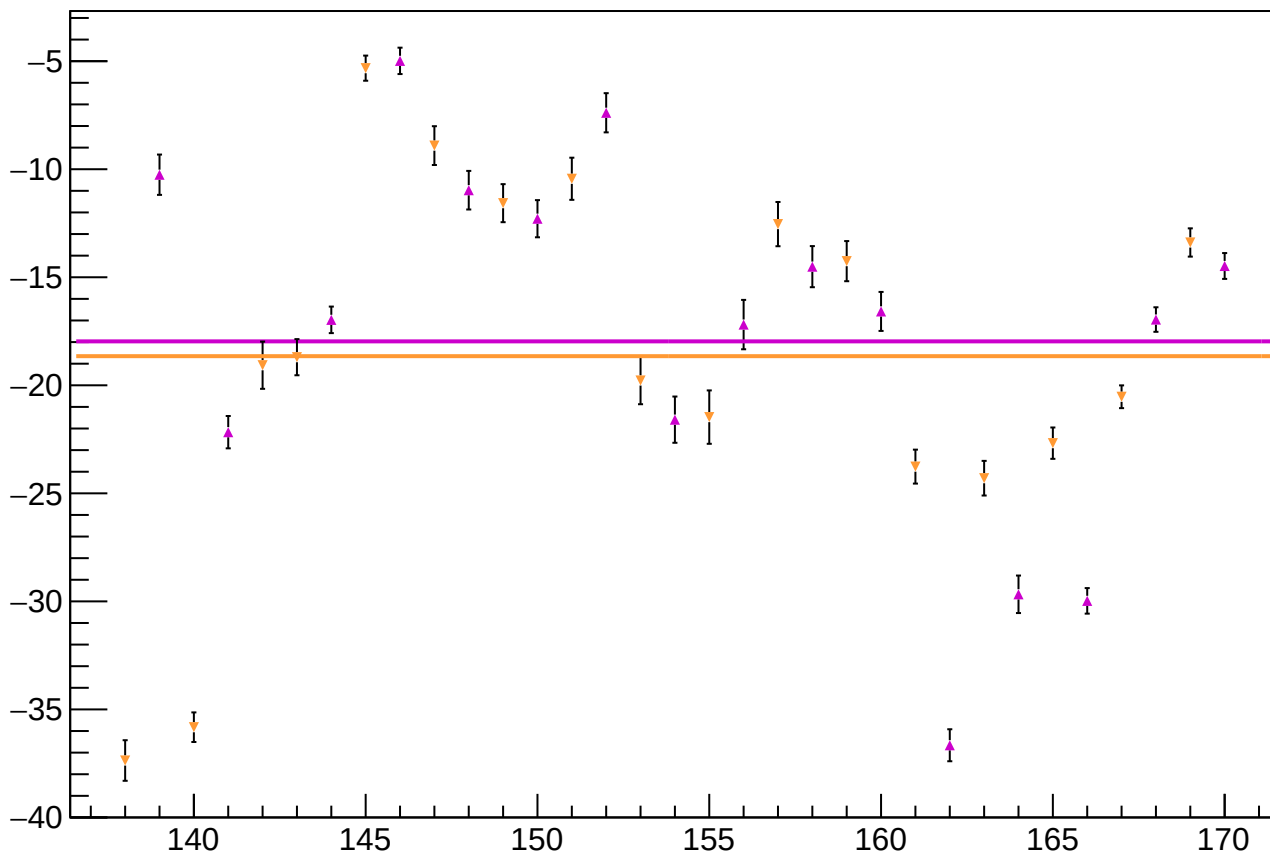
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.164 ± 0.003 χ^2/NDF : 2536.8/32

Out: 0.154 ± 0.004 χ^2/NDF : 2442.9/34

All: 0.159 ± 0.002 χ^2/NDF : 4984.4/67

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



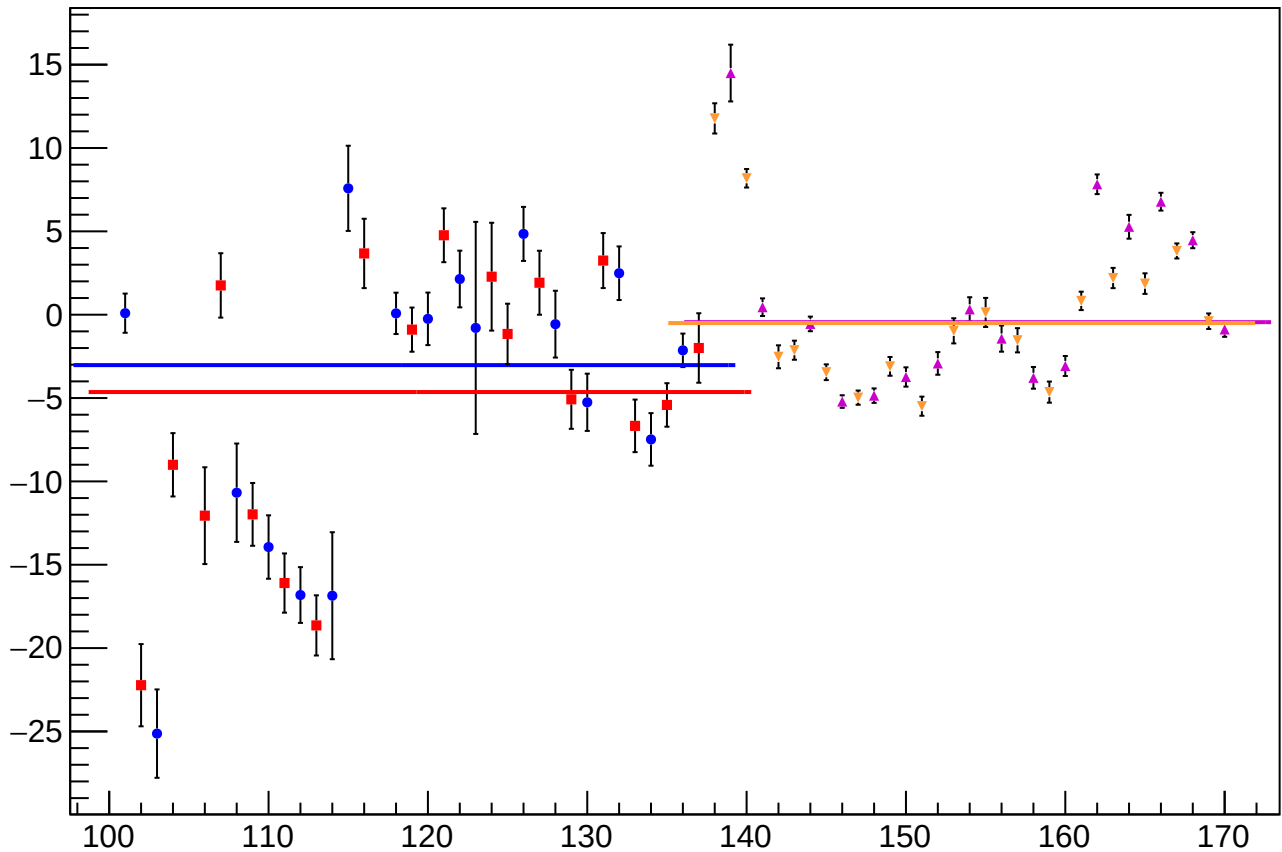
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.652+/-0.194 χ^2/NDF : 2069.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.967+/-0.189 χ^2/NDF : 2091.5/15

Left: -18.301+/-0.135 χ^2/NDF : 4167.0/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.967+/-0.189 χ^2/NDF : 2091.5/15
 Out: -18.652+/-0.194 χ^2/NDF : 2069.1/16

All: -18.301+/-0.135 χ^2/NDF : 4167.0/32

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: -0.501 ± 0.140 χ^2/NDF : 868.7/16

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -0.448 ± 0.137 χ^2/NDF : 985.0/15

Left: -0.474 ± 0.098 χ^2/NDF : 1853.9/32

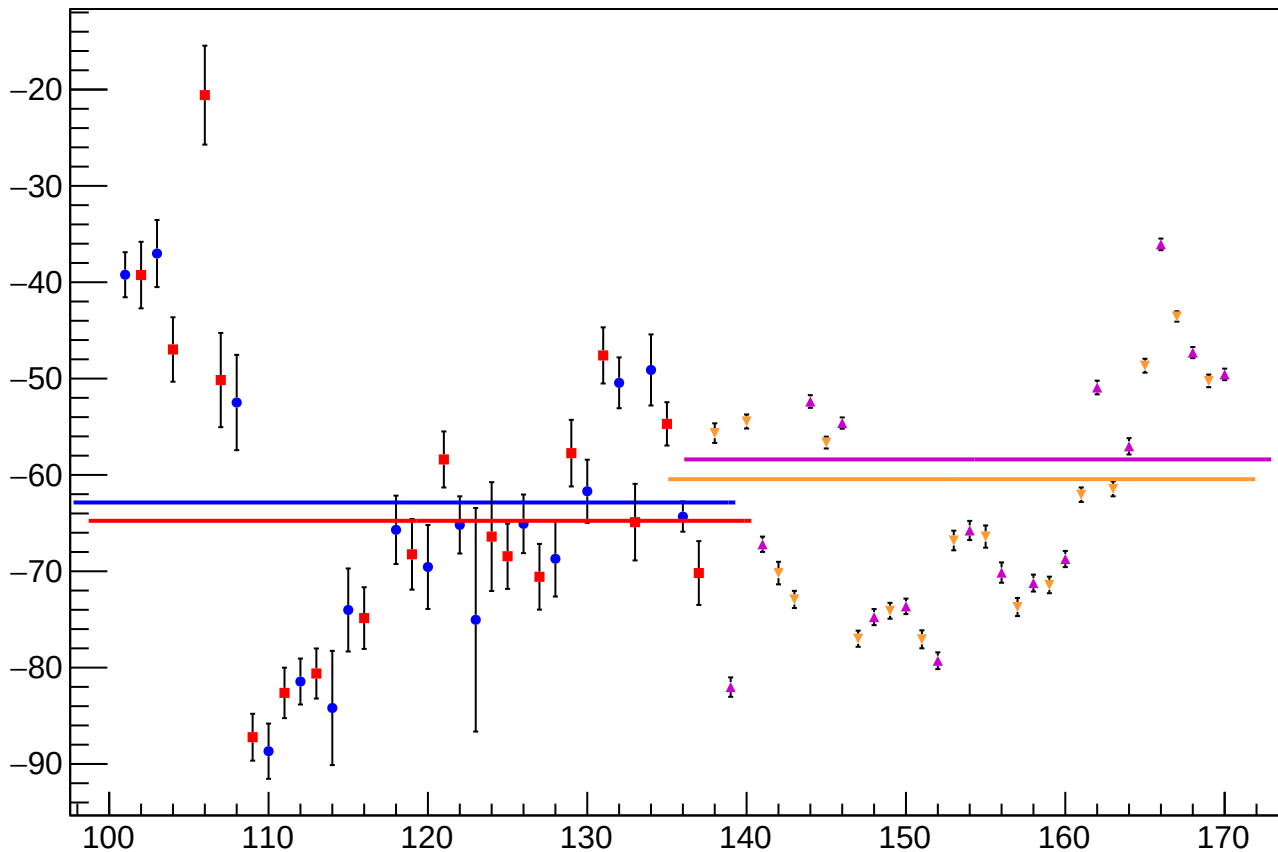
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -0.711 ± 0.130 χ^2/NDF : 1301.5/32

Out: -0.901 ± 0.133 χ^2/NDF : 1248.6/34

All: -0.804 ± 0.093 χ^2/NDF : 2551.2/67

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -60.441 $\pm$ 0.193 χ^2 /NDF:3299.6/16

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -58.389 $\pm$ 0.187 χ^2 /NDF:4734.9/15

Left: -59.382 $\pm$ 0.134 χ^2 /NDF: 8092.8/32

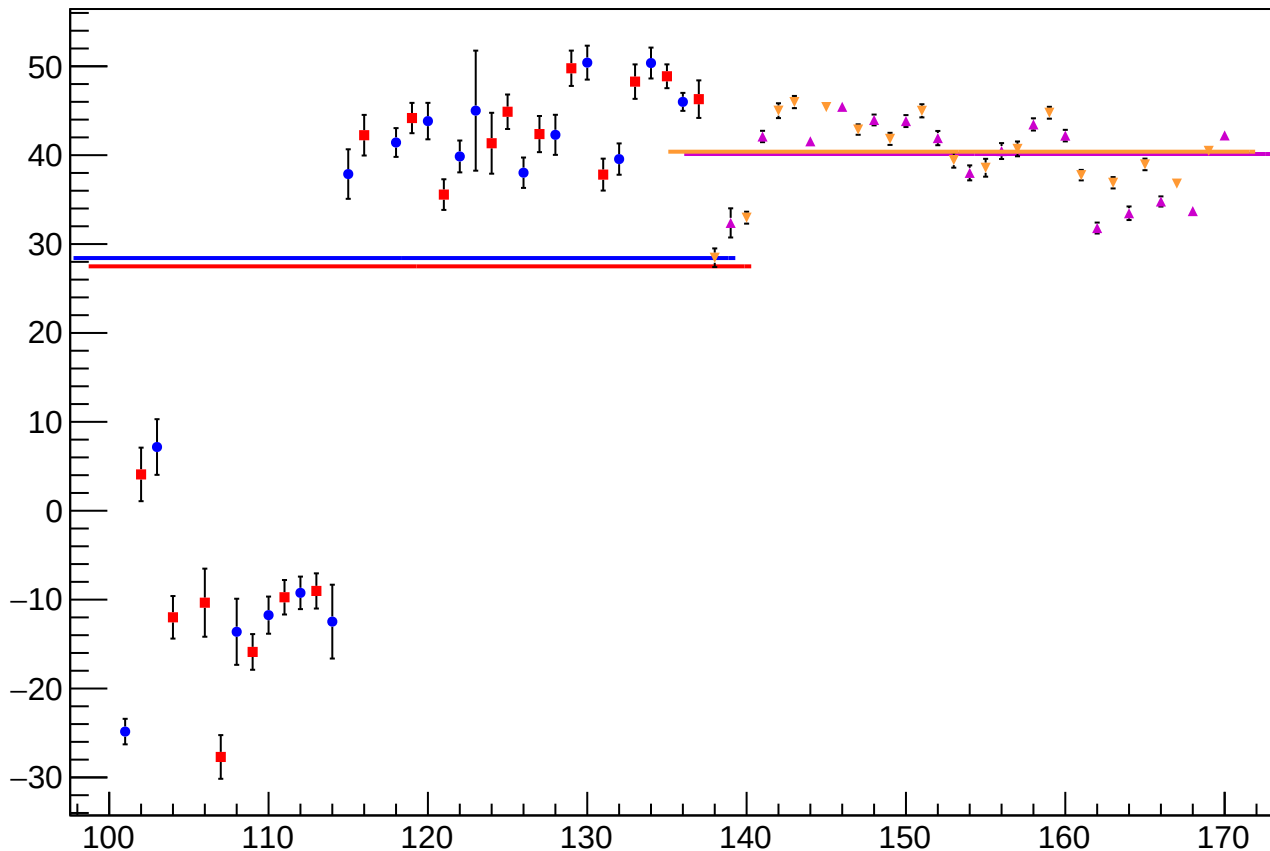
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -58.658 $\pm$ 0.181 χ^2 /NDF:5137.0/32

Out: -60.708 $\pm$ 0.187 χ^2 /NDF:3746.6/34

All: -59.651 $\pm$ 0.130 χ^2 /NDF: 8945.6/67

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: 40.392 $\pm$ 0.161 χ^2 /NDF:649.1/16

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 40.131 $\pm$ 0.159 χ^2 /NDF:776.4/15

Left: 40.260 $\pm$ 0.113 χ^2 /NDF: 1426.9/32

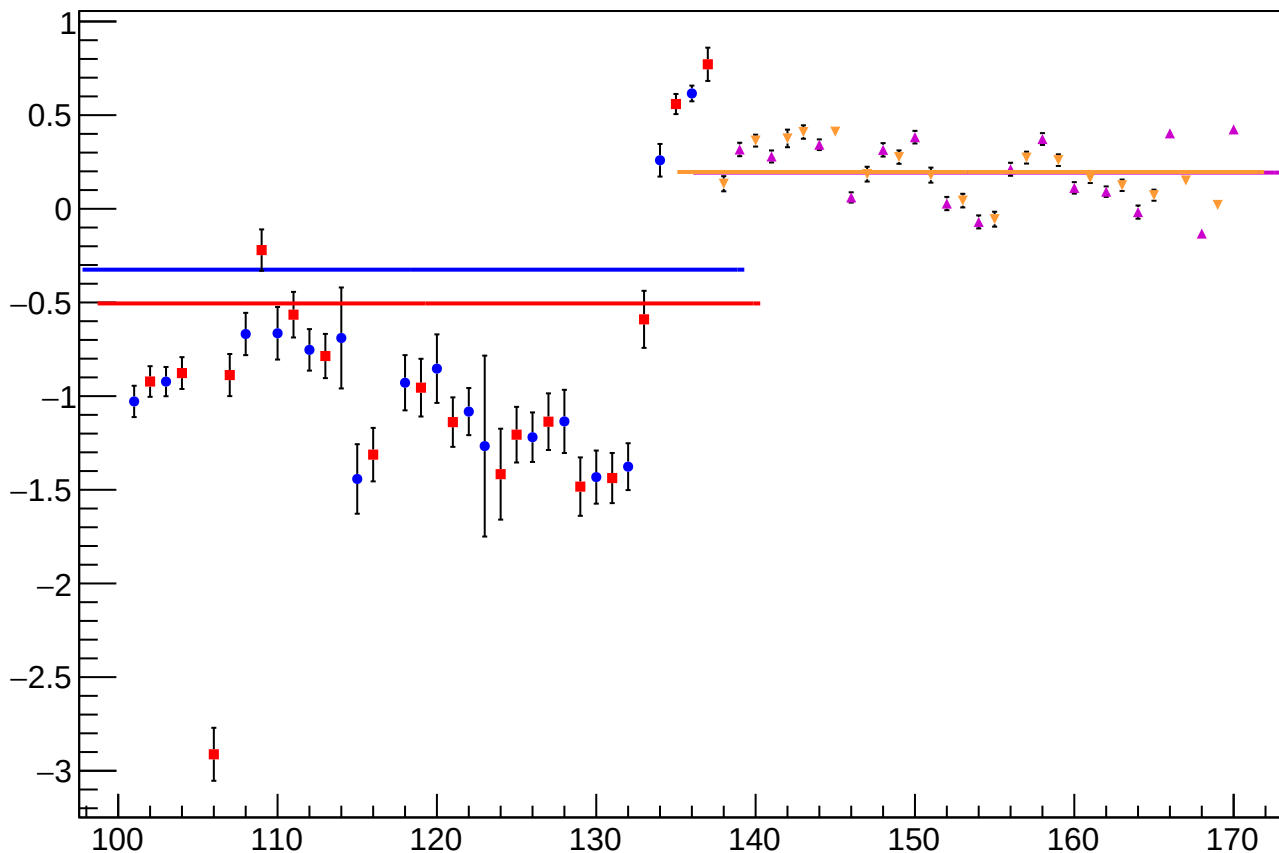
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.868 $\pm$ 0.150 χ^2 /NDF:4682.1/32

Out: 39.074 $\pm$ 0.153 χ^2 /NDF:4328.7/34

All: 38.969 $\pm$ 0.107 χ^2 /NDF: 9011.7/67

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: 0.197 ± 0.008 χ^2/NDF : 313.0/16

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.193 ± 0.007 χ^2/NDF : 677.7/15

Left: 0.195 ± 0.005 χ^2/NDF : 990.8/32

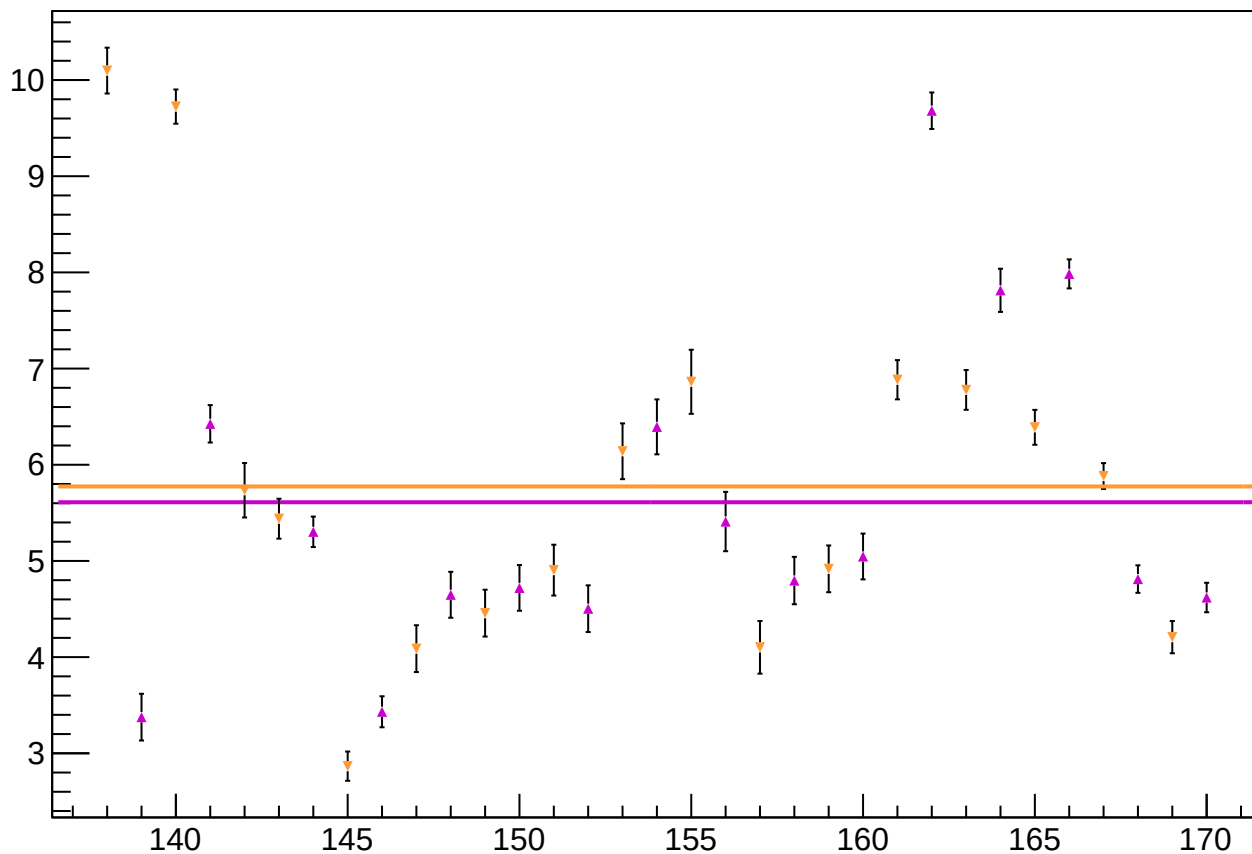
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.151 ± 0.007 χ^2/NDF : 2086.6/32

Out: 0.140 ± 0.007 χ^2/NDF : 2158.6/34

All: 0.146 ± 0.005 χ^2/NDF : 4246.3/67

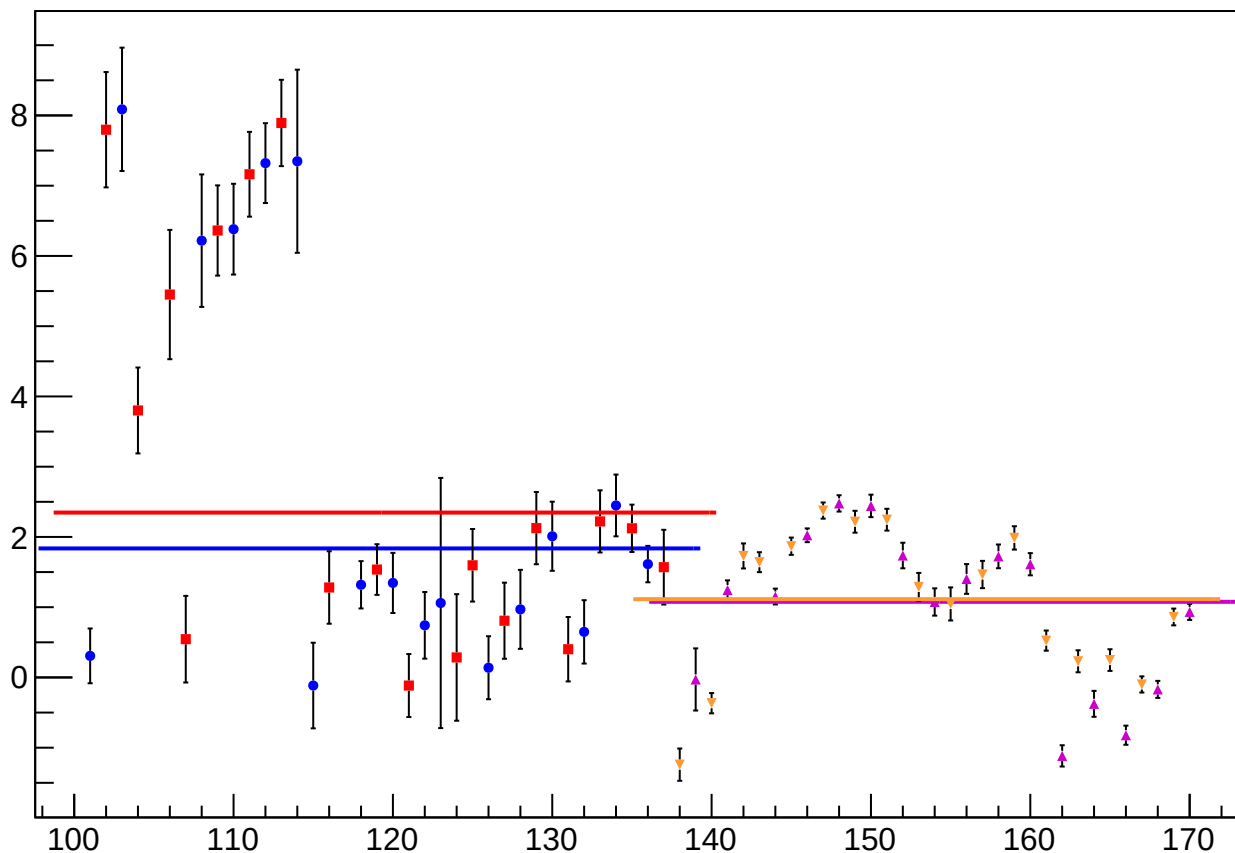
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.775+/-0.050 χ^2/NDF :1492.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.610+/-0.049 χ^2/NDF :1240.9/15

Left: 5.691+/-0.035 χ^2/NDF : 2738.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.610+/-0.049 χ^2/NDF :1240.9/15
 Out: 5.775+/-0.050 χ^2/NDF :1492.2/16
 All: 5.691+/-0.035 χ^2/NDF : 2738.6/32

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: 1.114 ± 0.036 χ^2/NDF : 724.9/16

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.077 ± 0.036 χ^2/NDF : 935.6/15

Left: 1.095 ± 0.026 χ^2/NDF : 1661.1/32

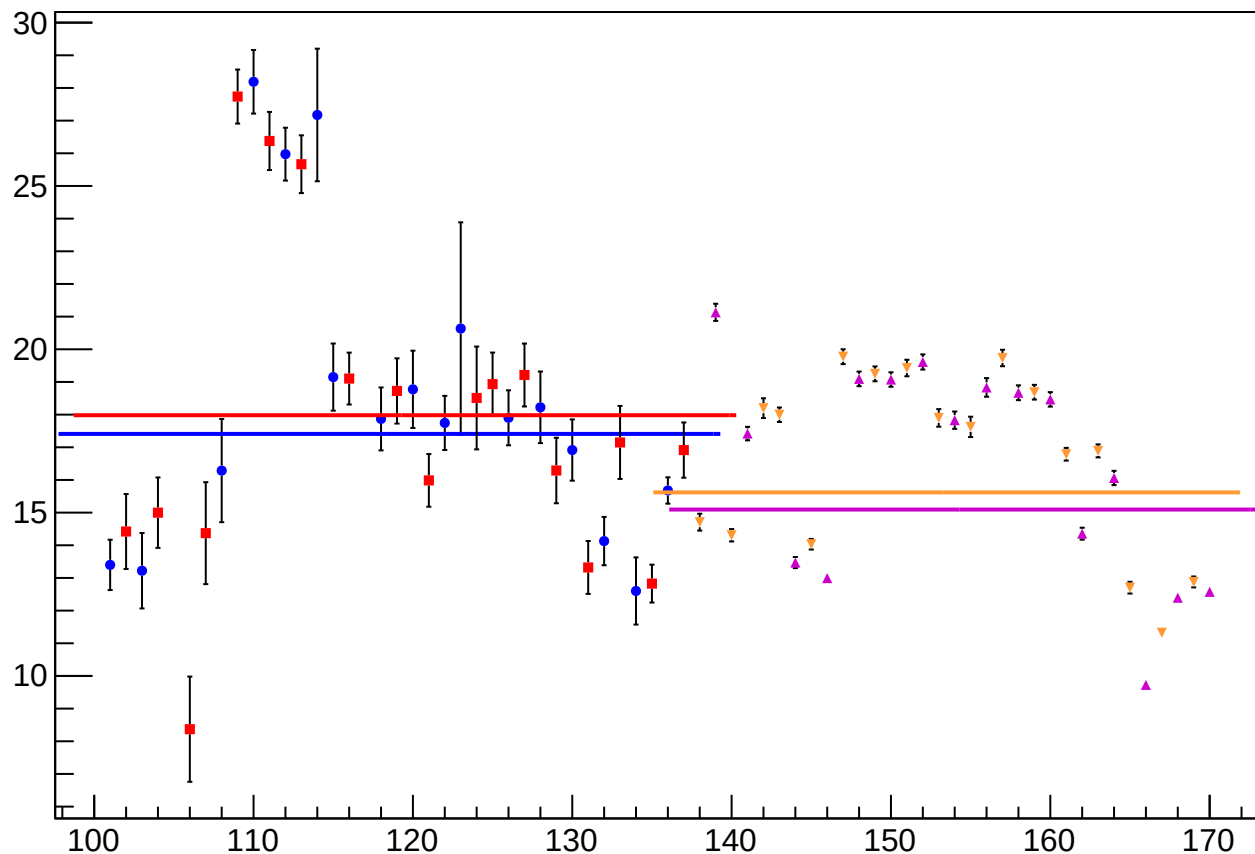
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.142 ± 0.034 χ^2/NDF : 1268.8/32

Out: 1.214 ± 0.035 χ^2/NDF : 1147.7/34

All: 1.178 ± 0.024 χ^2/NDF : 2418.7/67

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: 15.618 $\pm$ 0.050 χ^2 /NDF:3310.1/16

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.094 $\pm$ 0.049 χ^2 /NDF:4577.7/15

Left: 15.348 $\pm$ 0.035 χ^2 /NDF: 7944.1/32

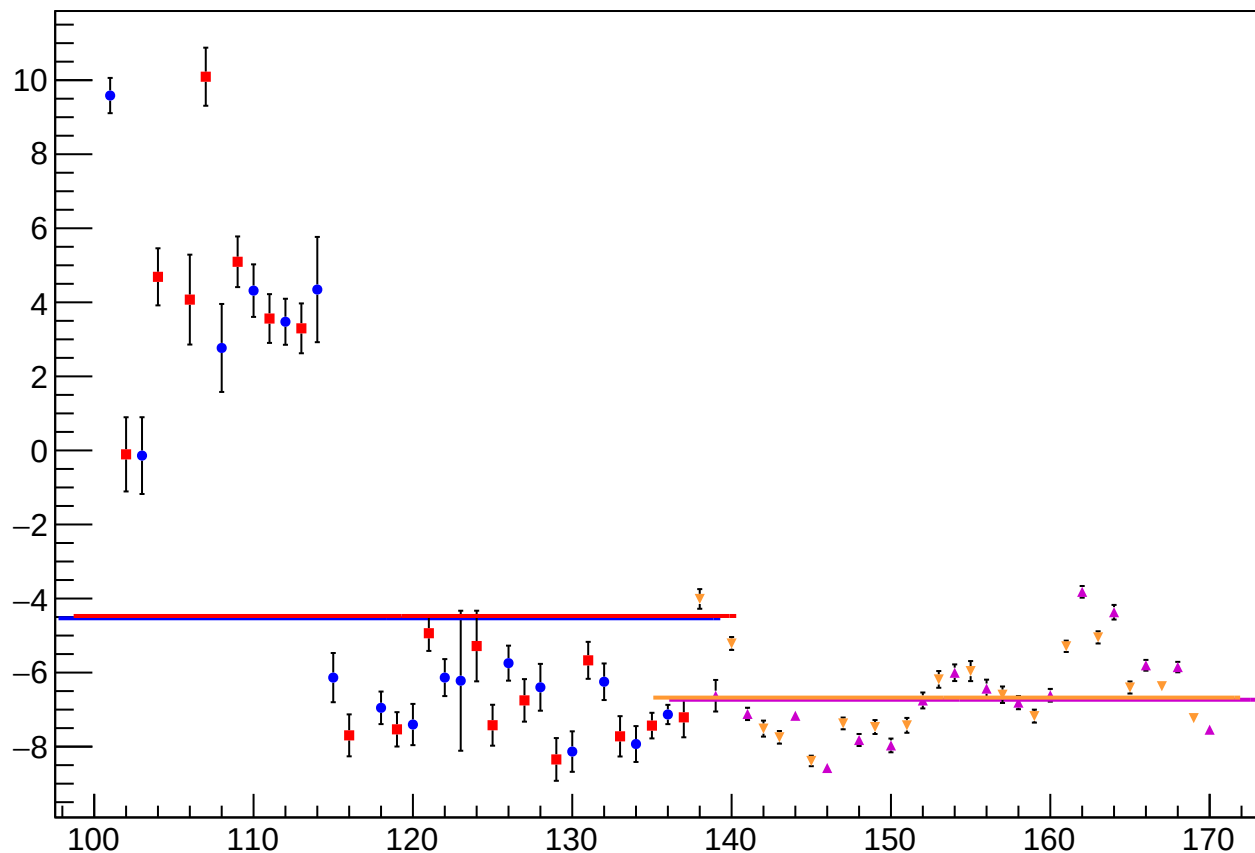
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.210 $\pm$ 0.047 χ^2 /NDF:5056.1/32

Out: 15.736 $\pm$ 0.049 χ^2 /NDF:3911.2/34

All: 15.465 $\pm$ 0.034 χ^2 /NDF: 9027.0/67

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: -6.676 ± 0.042 χ^2/NDF : 646.3/16

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.733 ± 0.041 χ^2/NDF : 945.1/15

Left: -6.705 ± 0.030 χ^2/NDF : 1592.4/32

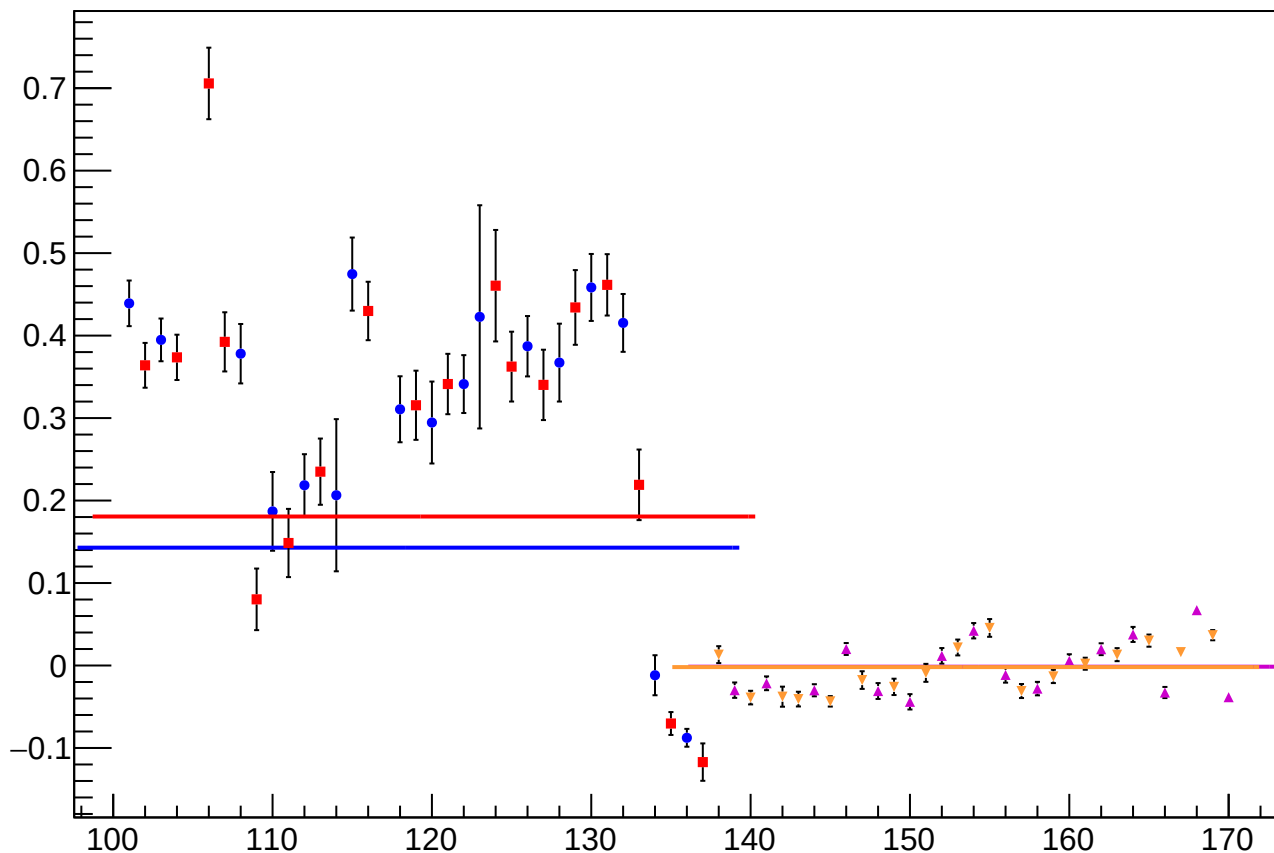
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.529 ± 0.039 χ^2/NDF : 2794.7/32

Out: -6.486 ± 0.040 χ^2/NDF : 2222.6/34

All: -6.508 ± 0.028 χ^2/NDF : 5018.0/67

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.002 ± 0.002 $\chi^2/\text{NDF}: 212.8/16$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.001 ± 0.002 $\chi^2/\text{NDF}: 353.5/15$

Left: -0.002 ± 0.001 $\chi^2/\text{NDF}: 566.4/32$

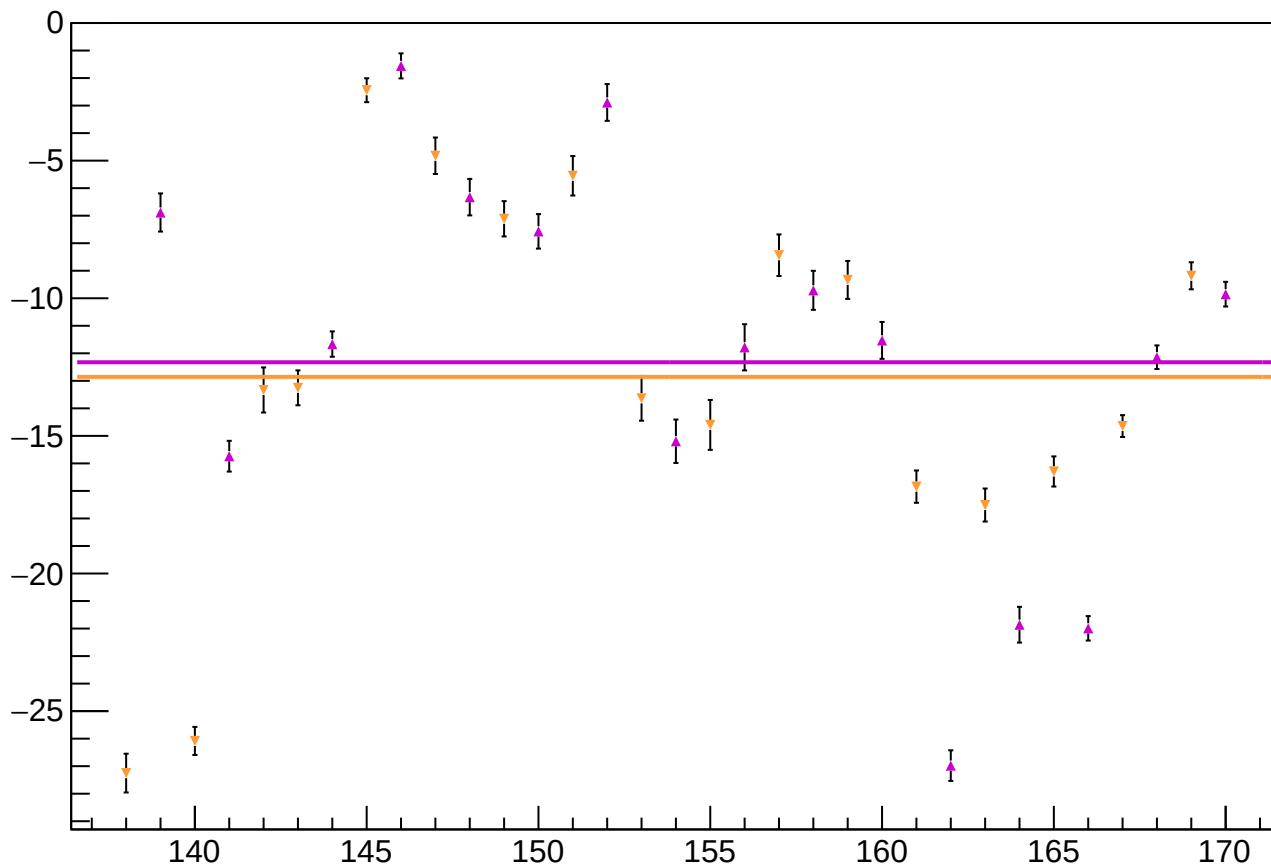
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.009 ± 0.002 $\chi^2/\text{NDF}: 1801.7/32$

Out: 0.010 ± 0.002 $\chi^2/\text{NDF}: 1784.3/34$

All: 0.009 ± 0.001 $\chi^2/\text{NDF}: 3586.4/67$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.855+/-0.144 χ^2/NDF :2282.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.325+/-0.141 χ^2/NDF :2444.3/15

Left: -12.584+/-0.101 χ^2/NDF : 4734.0/32

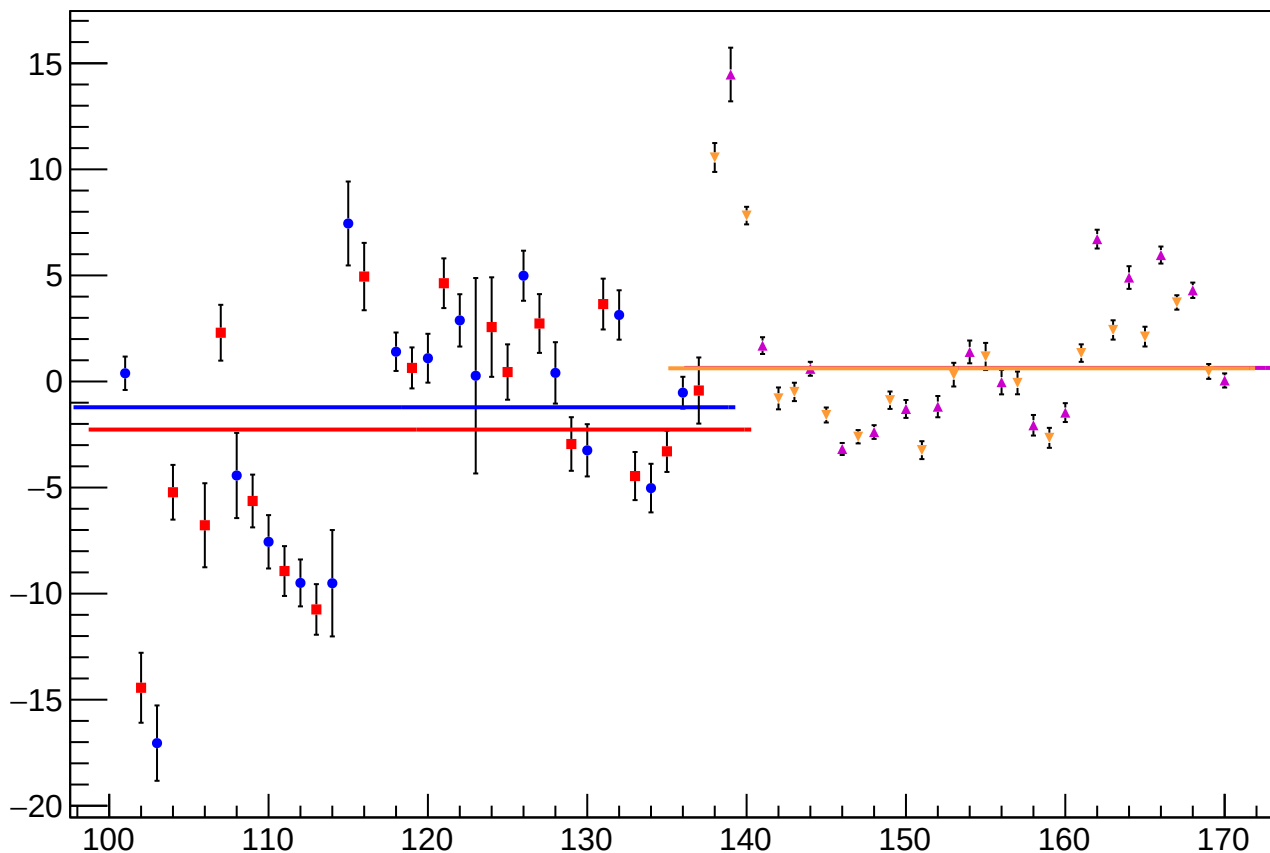
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.325+/-0.141 χ^2/NDF :2444.3/15

Out: -12.855+/-0.144 χ^2/NDF :2282.9/16

All: -12.584+/-0.101 χ^2/NDF : 4734.0/32

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.621 ± 0.104 χ^2/NDF : 934.0/16

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 0.639 ± 0.103 χ^2/NDF : 1019.8/15

Left: 0.630 ± 0.073 χ^2/NDF : 1953.9/32

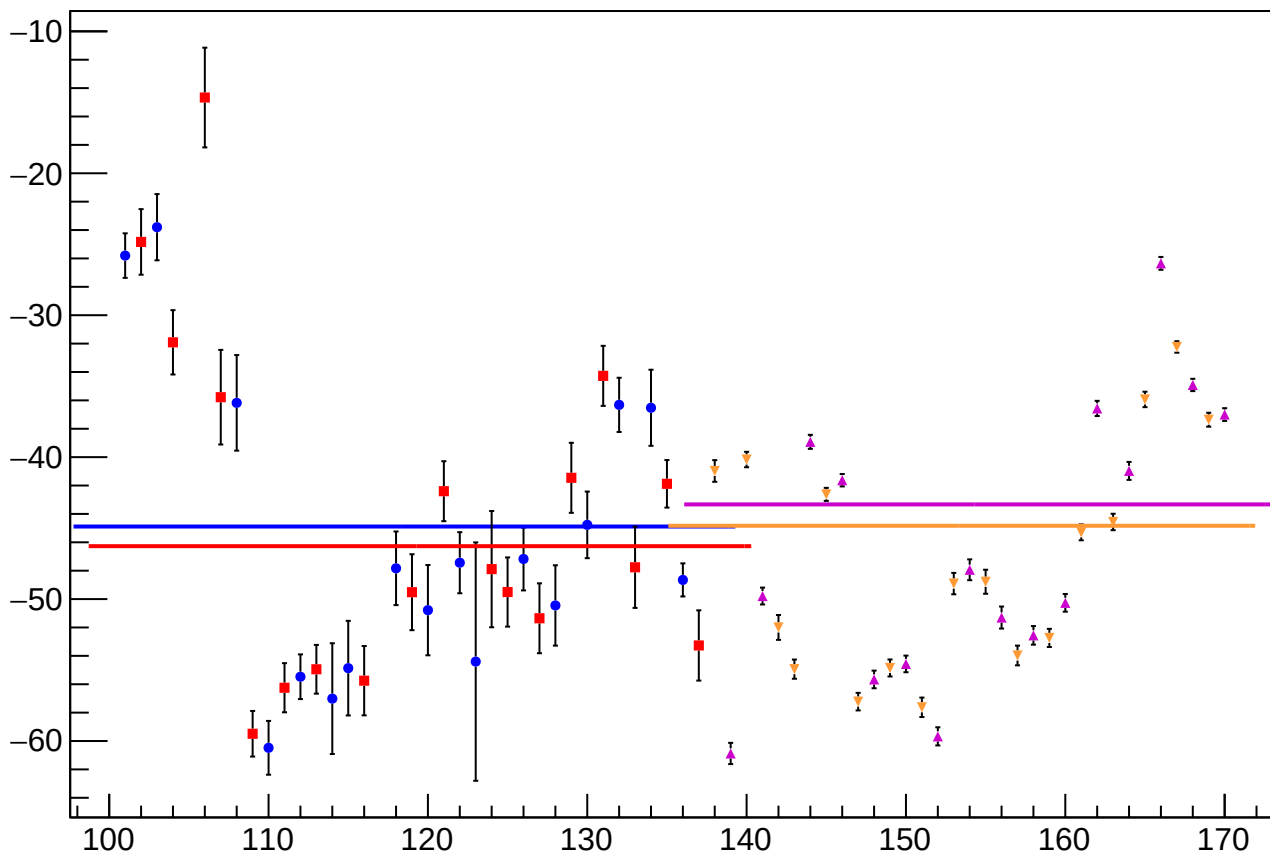
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.434 ± 0.097 χ^2/NDF : 1334.8/32

Out: 0.316 ± 0.098 χ^2/NDF : 1299.5/34

All: 0.376 ± 0.069 χ^2/NDF : 2635.0/67

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

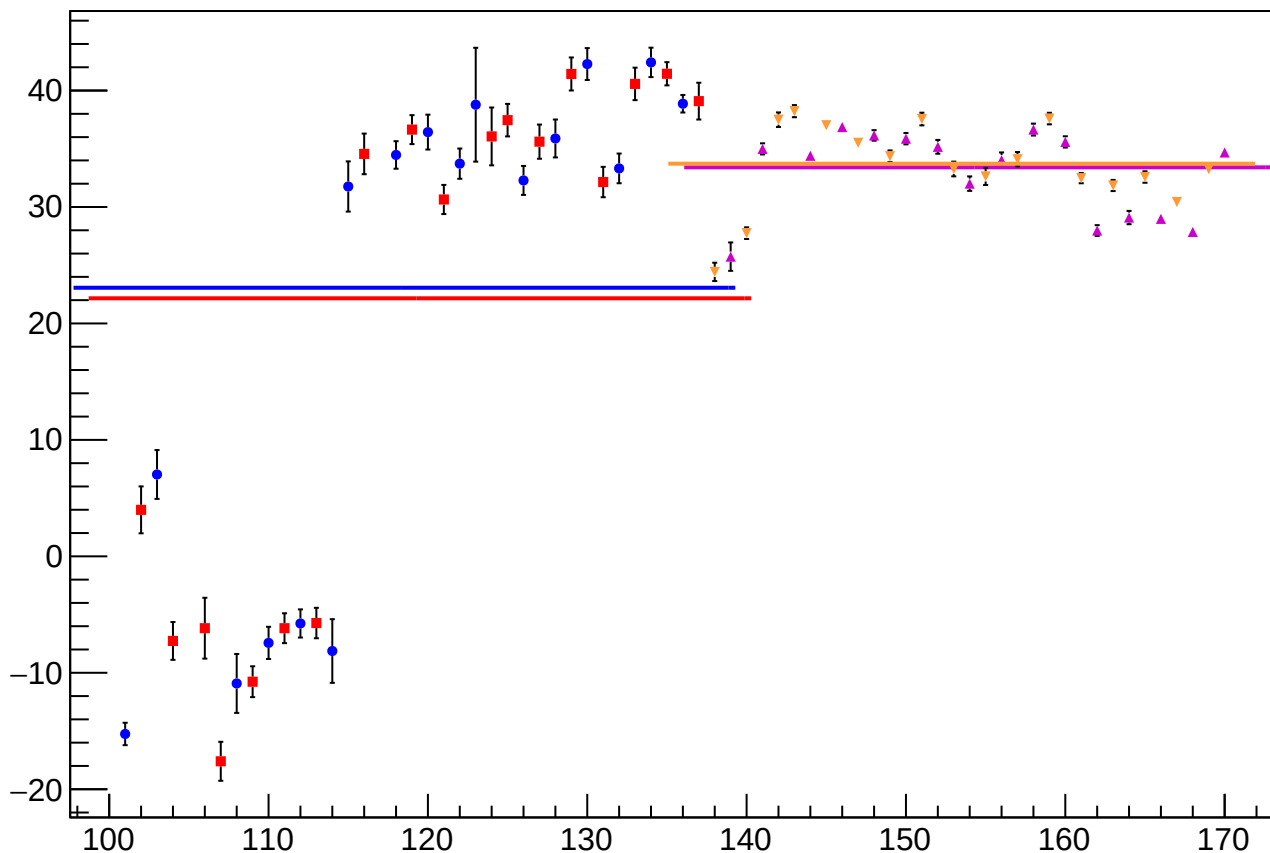


Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -44.836 ± 0.144 $\chi^2/\text{NDF}: 3282.3/16$
 Right Out: -46.272 ± 0.530 $\chi^2/\text{NDF}: 420.5/17$
 Left In: -43.330 ± 0.139 $\chi^2/\text{NDF}: 4799.6/15$

Left: -44.058 ± 0.100 $\chi^2/\text{NDF}: 8138.5/32$
 Right: -45.572 ± 0.372 $\chi^2/\text{NDF}: 844.4/34$
 In: -43.433 ± 0.135 $\chi^2/\text{NDF}: 5228.3/32$
 Out: -44.935 ± 0.139 $\chi^2/\text{NDF}: 3709.7/34$

All: -44.161 ± 0.097 $\chi^2/\text{NDF}: 8998.3/67$

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: 33.719 $\pm$ 0.120 χ^2 /NDF:699.0/16

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.404 $\pm$ 0.119 χ^2 /NDF:775.6/15

Left: 33.559 $\pm$ 0.085 χ^2 /NDF: 1478.1/32

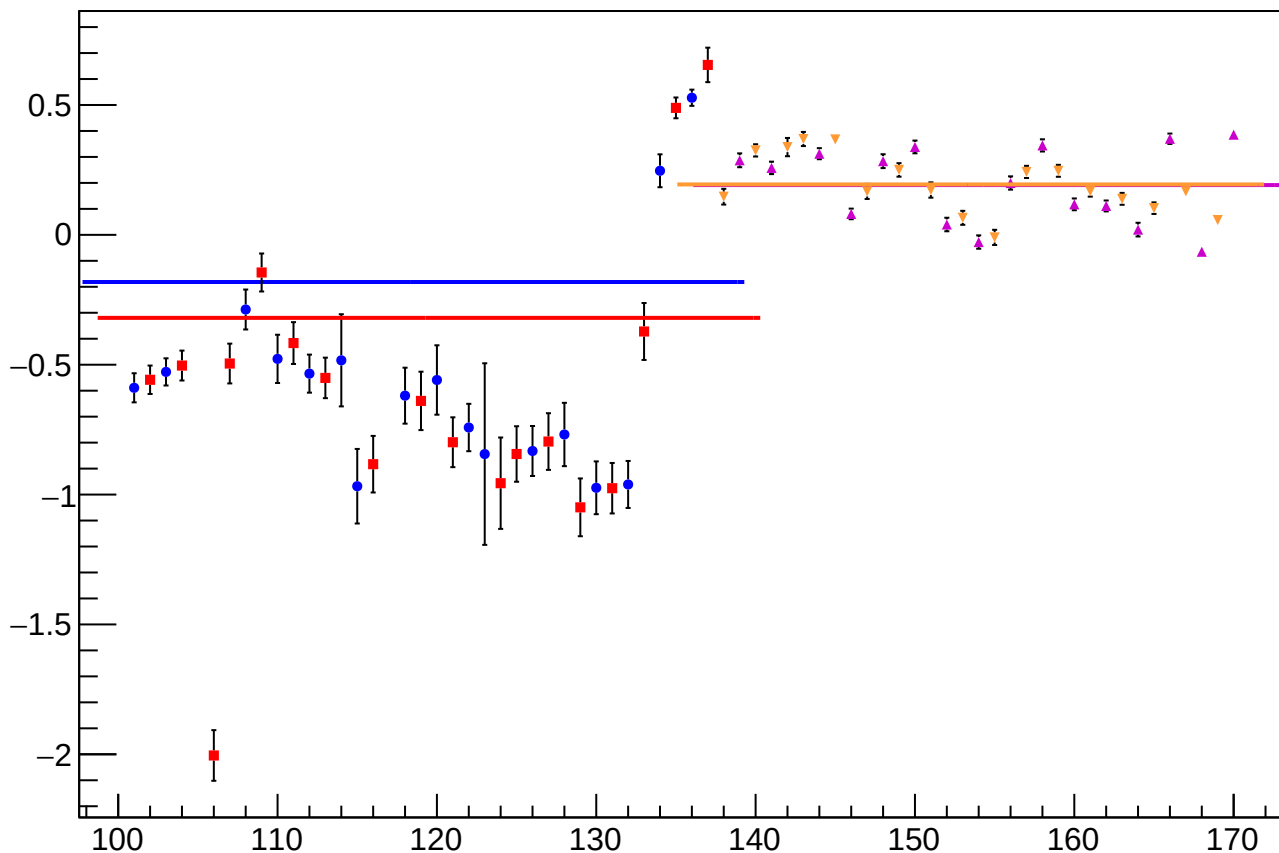
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.196 $\pm$ 0.112 χ^2 /NDF:5994.3/32

Out: 32.430 $\pm$ 0.114 χ^2 /NDF:5751.5/34

All: 32.311 $\pm$ 0.080 χ^2 /NDF: 11748.0/67

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: 0.194 ± 0.006 χ^2/NDF : 353.5/16

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.192 ± 0.006 χ^2/NDF : 811.2/15

Left: 0.193 ± 0.004 χ^2/NDF : 1164.8/32

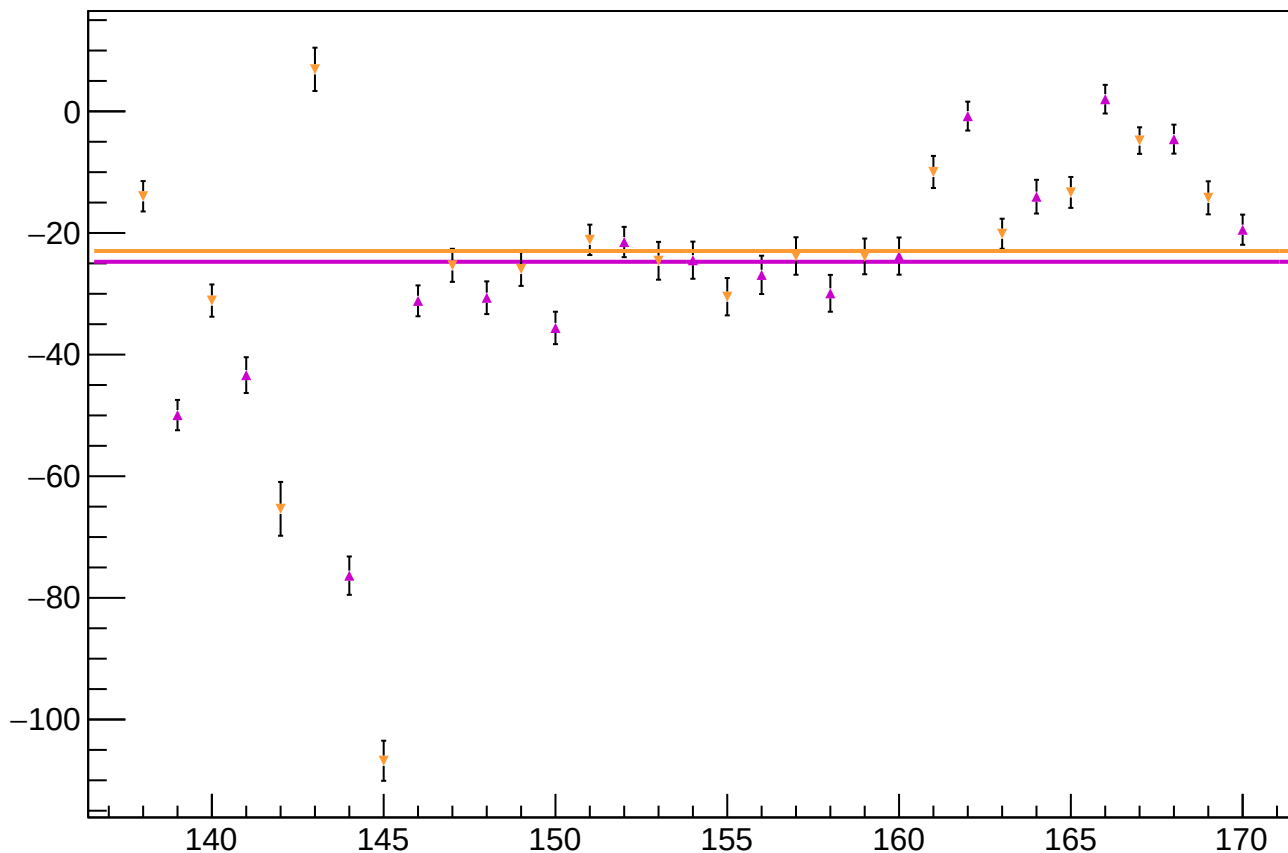
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.159 ± 0.005 χ^2/NDF : 2211.5/32

Out: 0.149 ± 0.005 χ^2/NDF : 2256.4/34

All: 0.154 ± 0.004 χ^2/NDF : 4469.6/67

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



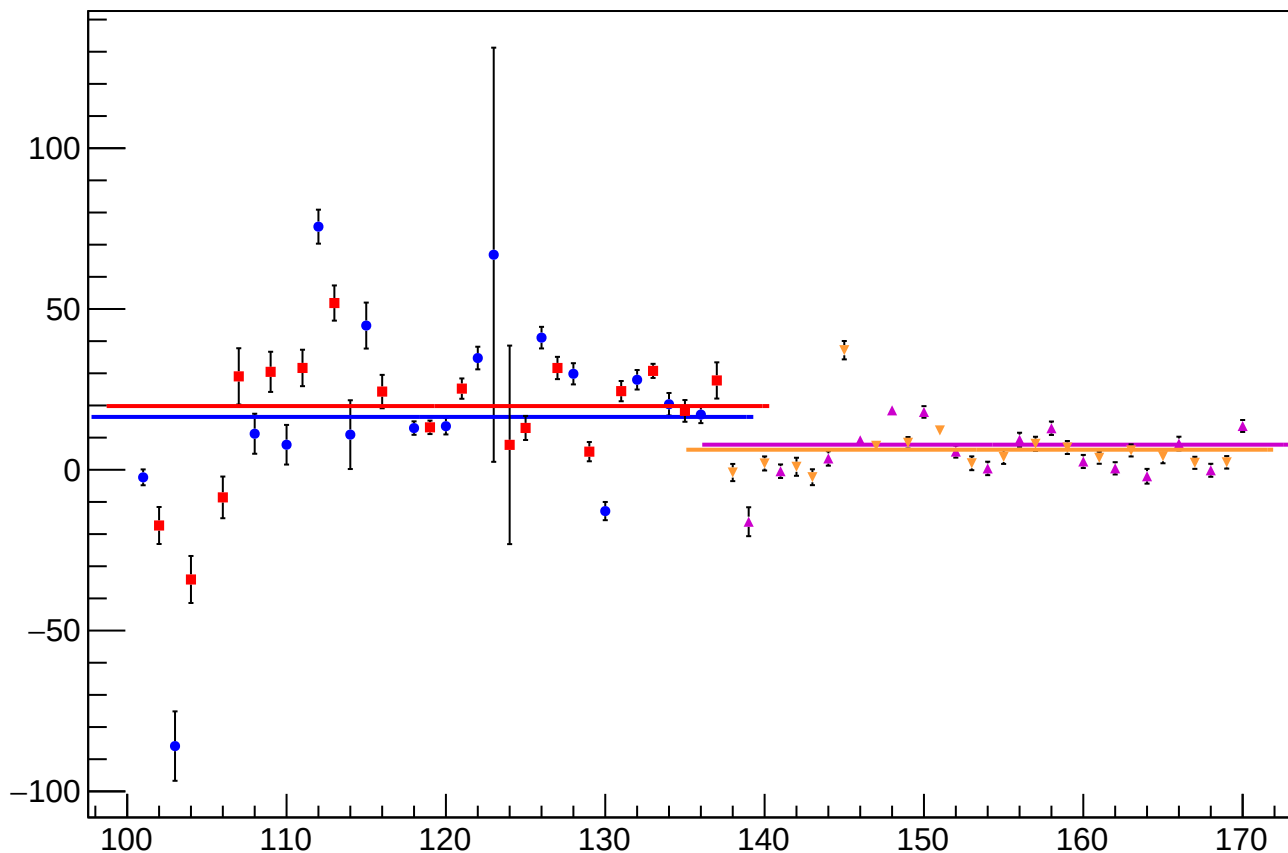
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -22.963 ± 0.676 $\chi^2/\text{NDF}: 959.1/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -24.737 ± 0.671 $\chi^2/\text{NDF}: 765.4/15$

Left: -23.857 ± 0.476 $\chi^2/\text{NDF}: 1728.0/32$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -24.737 ± 0.671 $\chi^2/\text{NDF}: 765.4/15$
 Out: -22.963 ± 0.676 $\chi^2/\text{NDF}: 959.1/16$

All: -23.857 ± 0.476 $\chi^2/\text{NDF}: 1728.0/32$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 6.241+/-0.478 χ^2/NDF : 181.1/16

Right Out: 19.813+/-0.899 χ^2/NDF : 238.5/17

Left In: 7.806+/-0.486 χ^2/NDF : 232.0/15

Left: 7.010+/-0.341 χ^2/NDF : 418.3/32

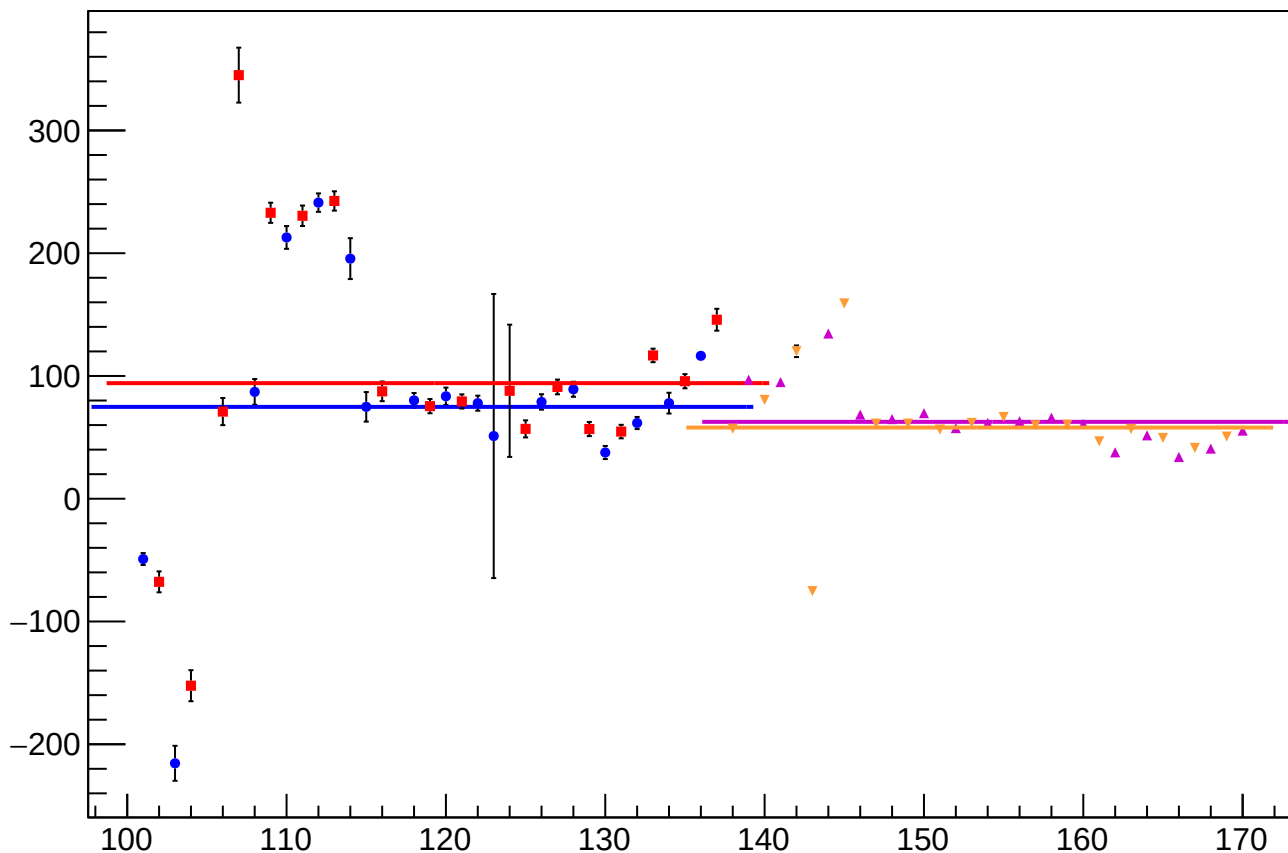
Right: 18.028+/-0.617 χ^2/NDF : 762.9/34

In: 9.941+/-0.422 χ^2/NDF : 826.8/32

Out: 9.230+/-0.422 χ^2/NDF : 597.2/34

All: 9.586+/-0.298 χ^2/NDF : 1425.5/67

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2/NDF : 1996.8/16

Left Out: 57.985 $\pm$ 0.664 χ^2/NDF : 2444.9/16

Right Out: 94.153 $\pm$ 1.720 χ^2/NDF : 1969.2/17

Left In: 62.632 $\pm$ 0.657 χ^2/NDF : 1113.8/15

Left: 60.336 $\pm$ 0.467 χ^2/NDF : 3583.4/32

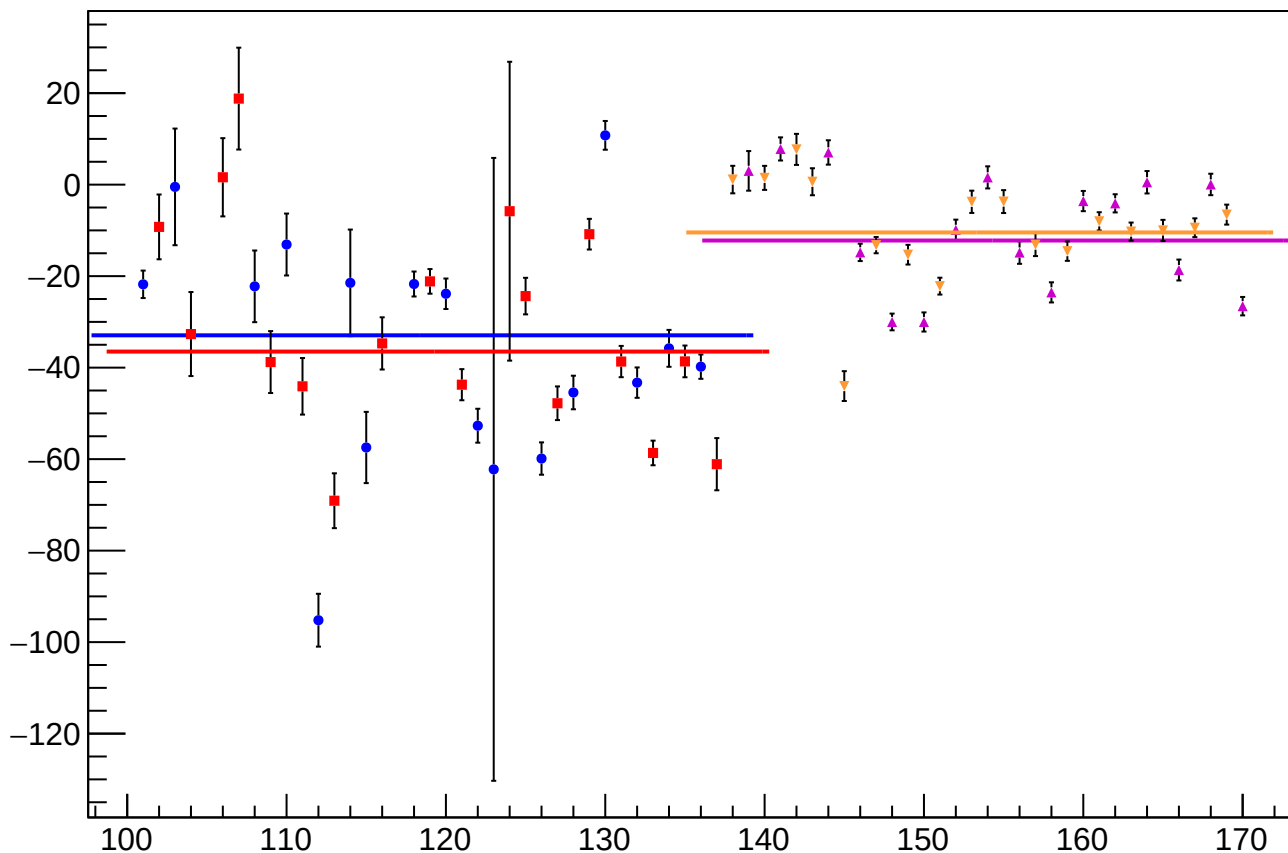
Right: 84.020 $\pm$ 1.186 χ^2/NDF : 4032.2/34

In: 64.318 $\pm$ 0.609 χ^2/NDF : 3158.3/32

Out: 62.682 $\pm$ 0.620 χ^2/NDF : 4798.8/34

All: 63.514 $\pm$ 0.435 χ^2/NDF : 7960.7/67

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.447 ± 0.557 $\chi^2/\text{NDF}: 256.8/16$

Right Out: -36.488 ± 1.027 $\chi^2/\text{NDF}: 293.2/17$

Left In: -12.212 ± 0.564 $\chi^2/\text{NDF}: 502.9/15$

Left: -11.318 ± 0.396 $\chi^2/\text{NDF}: 764.6/32$

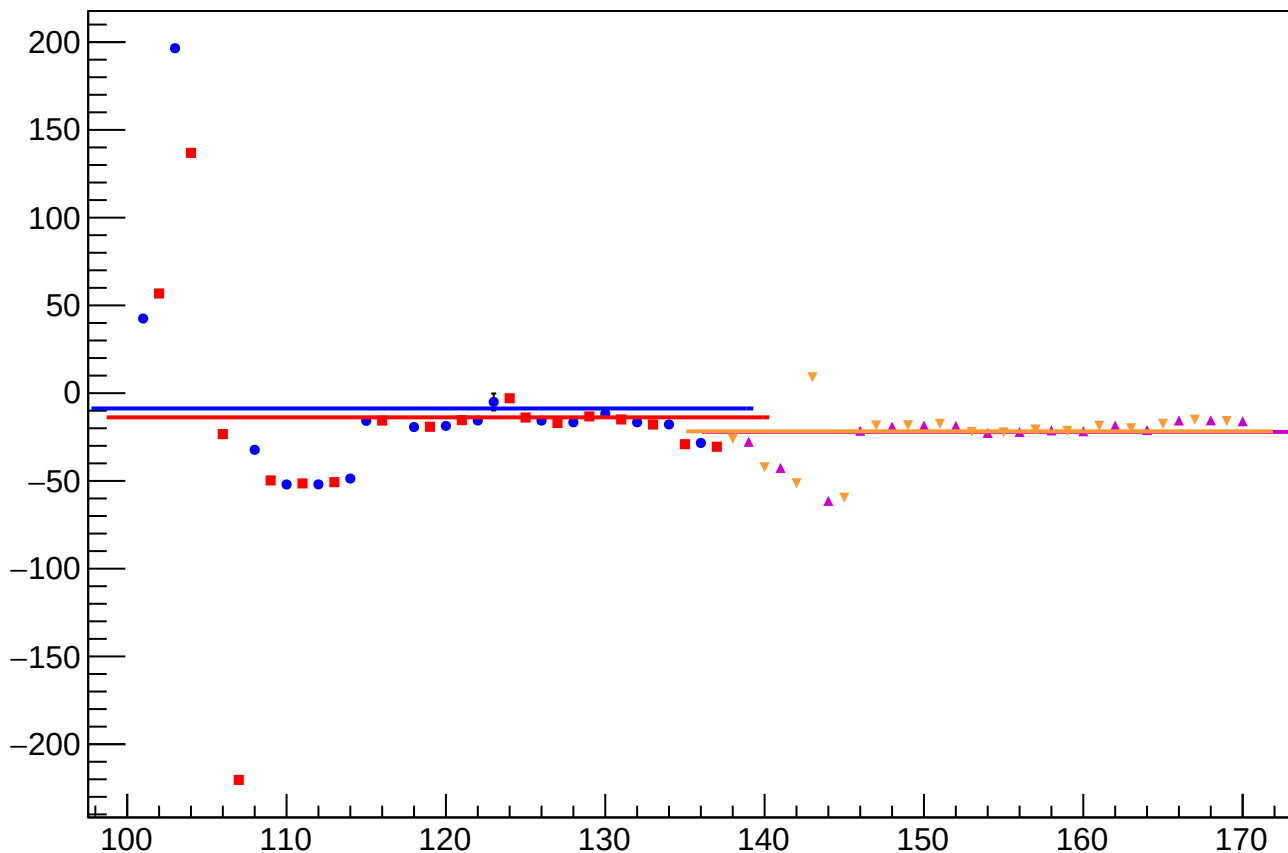
Right: -34.617 ± 0.706 $\chi^2/\text{NDF}: 790.3/34$

In: -17.422 ± 0.488 $\chi^2/\text{NDF}: 1332.9/32$

Out: -16.362 ± 0.489 $\chi^2/\text{NDF}: 1047.3/34$

All: -16.894 ± 0.346 $\chi^2/\text{NDF}: 2382.6/67$

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: -21.759 ± 0.026 $\chi^2/\text{NDF}: 187937.8/16$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -22.084 ± 0.026 $\chi^2/\text{NDF}: 119301.5/15$

Left: -21.924 ± 0.018 $\chi^2/\text{NDF}: 307318.1/32$

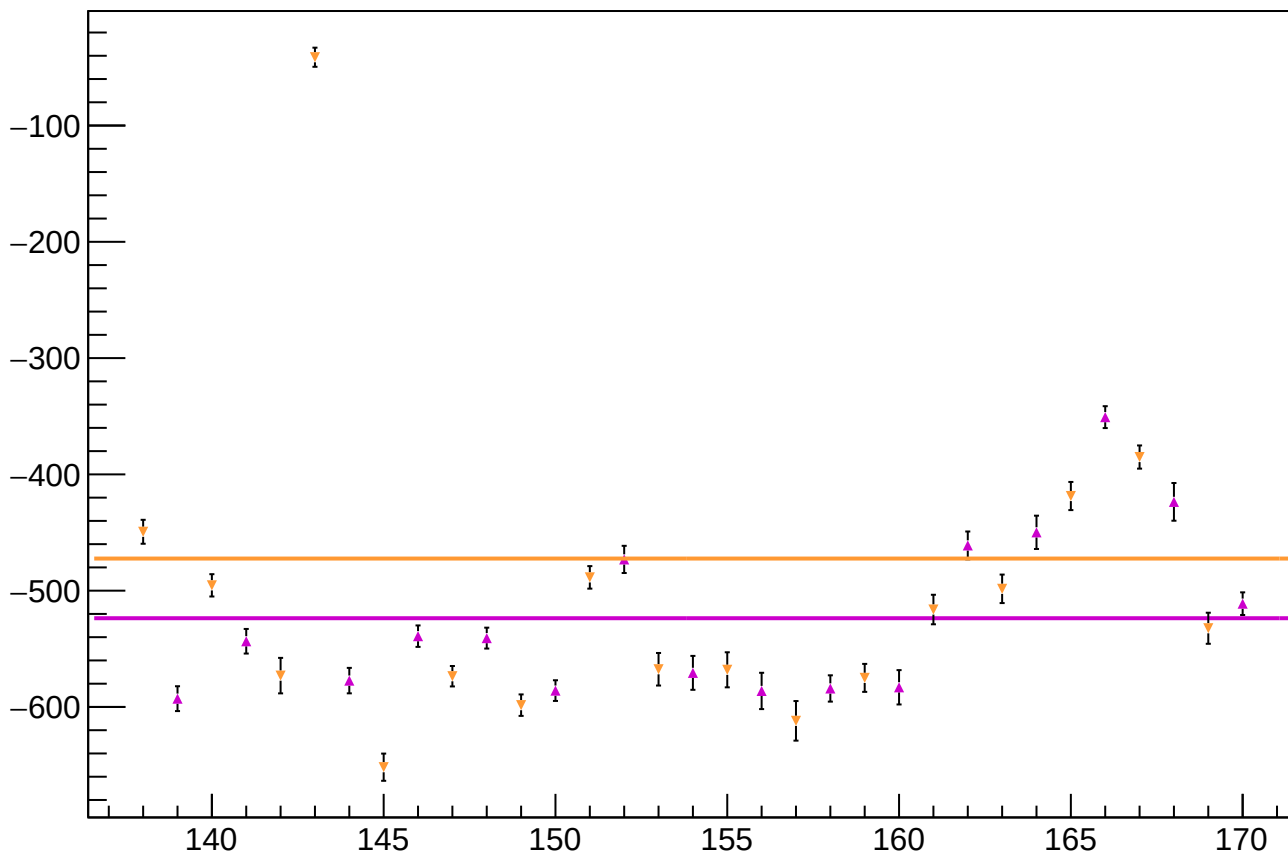
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -19.946 ± 0.024 $\chi^2/\text{NDF}: 738410.2/32$

Out: -20.566 ± 0.024 $\chi^2/\text{NDF}: 751308.9/34$

All: -20.249 ± 0.017 $\chi^2/\text{NDF}: 1490058.2/67$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -472.381+/-2.699 χ^2/NDF :3718.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -523.693+/-2.786 χ^2/NDF :646.3/15

Left: -497.227+/-1.939 χ^2/NDF : 4539.5/32

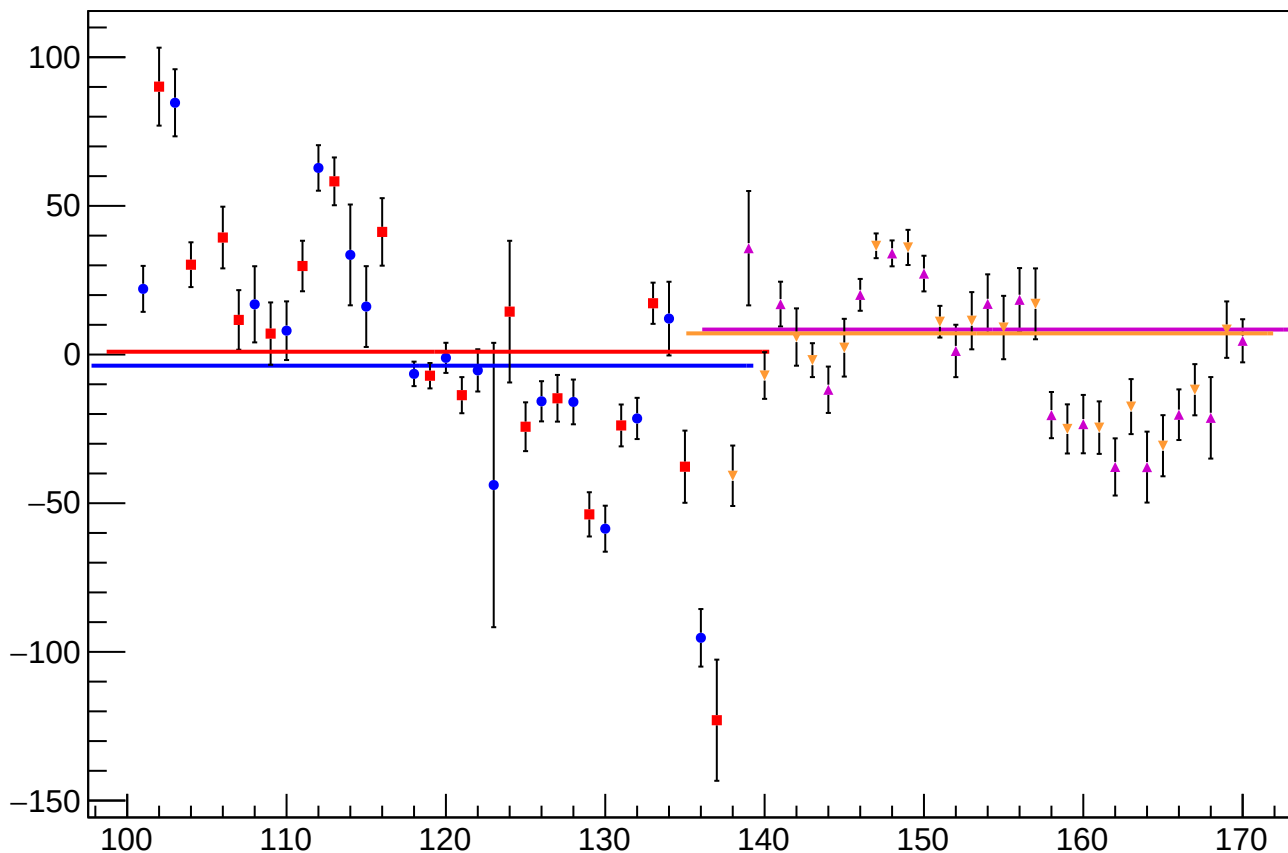
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -523.693+/-2.786 χ^2/NDF :646.3/15

Out: -472.381+/-2.699 χ^2/NDF :3718.2/16

All: -497.227+/-1.939 χ^2/NDF : 4539.5/32

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.117 ± 1.828 χ^2/NDF : 157.1/16

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 8.402 ± 1.936 χ^2/NDF : 140.2/15

Left: 7.723 ± 1.329 χ^2/NDF : 297.5/32

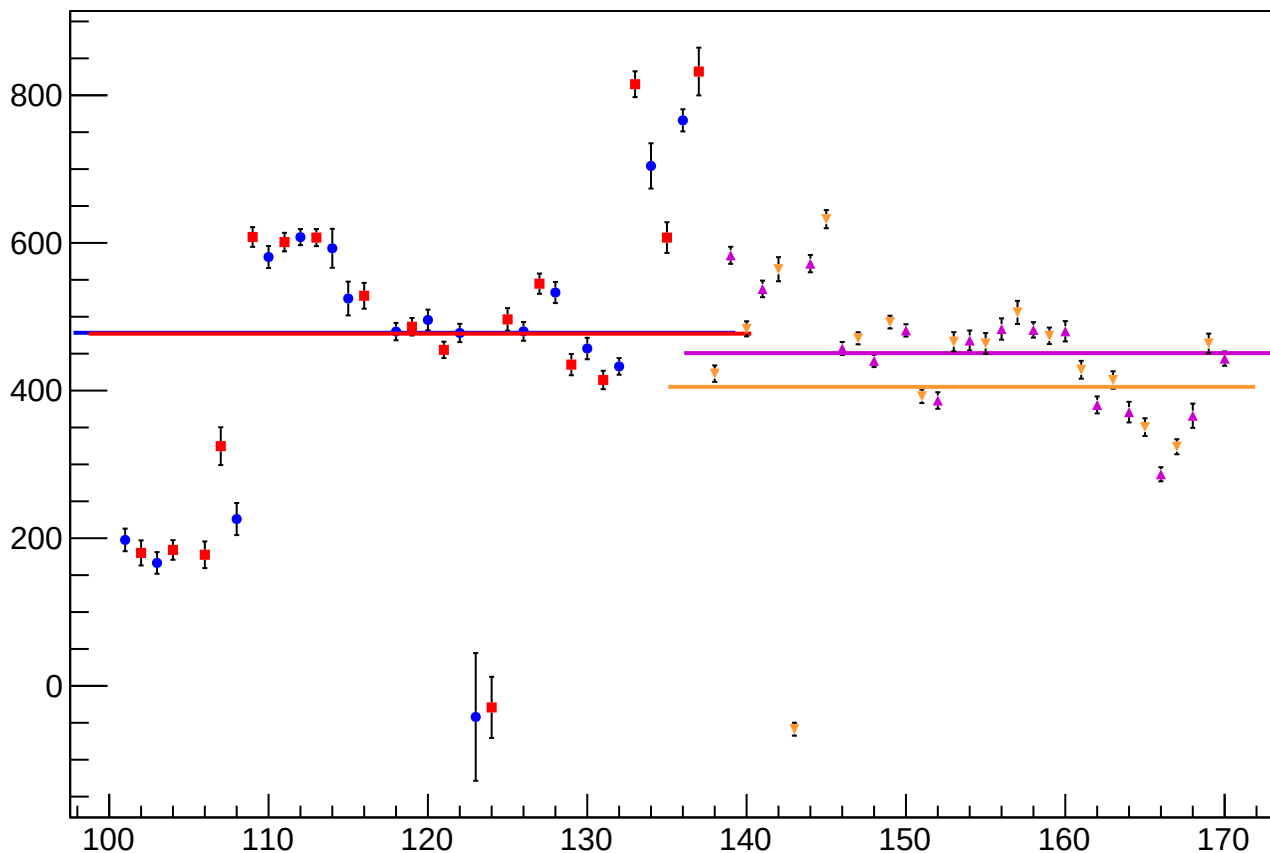
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.191 ± 1.353 χ^2/NDF : 474.4/32

Out: 4.182 ± 1.323 χ^2/NDF : 456.2/34

All: 3.208 ± 0.946 χ^2/NDF : 931.8/67

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 405.039 $\pm$ 2.671 χ^2 /NDF:3687.7/16

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 450.766 $\pm$ 2.726 χ^2 /NDF:757.4/15

Left: 427.434 $\pm$ 1.908 χ^2 /NDF: 4588.6/32

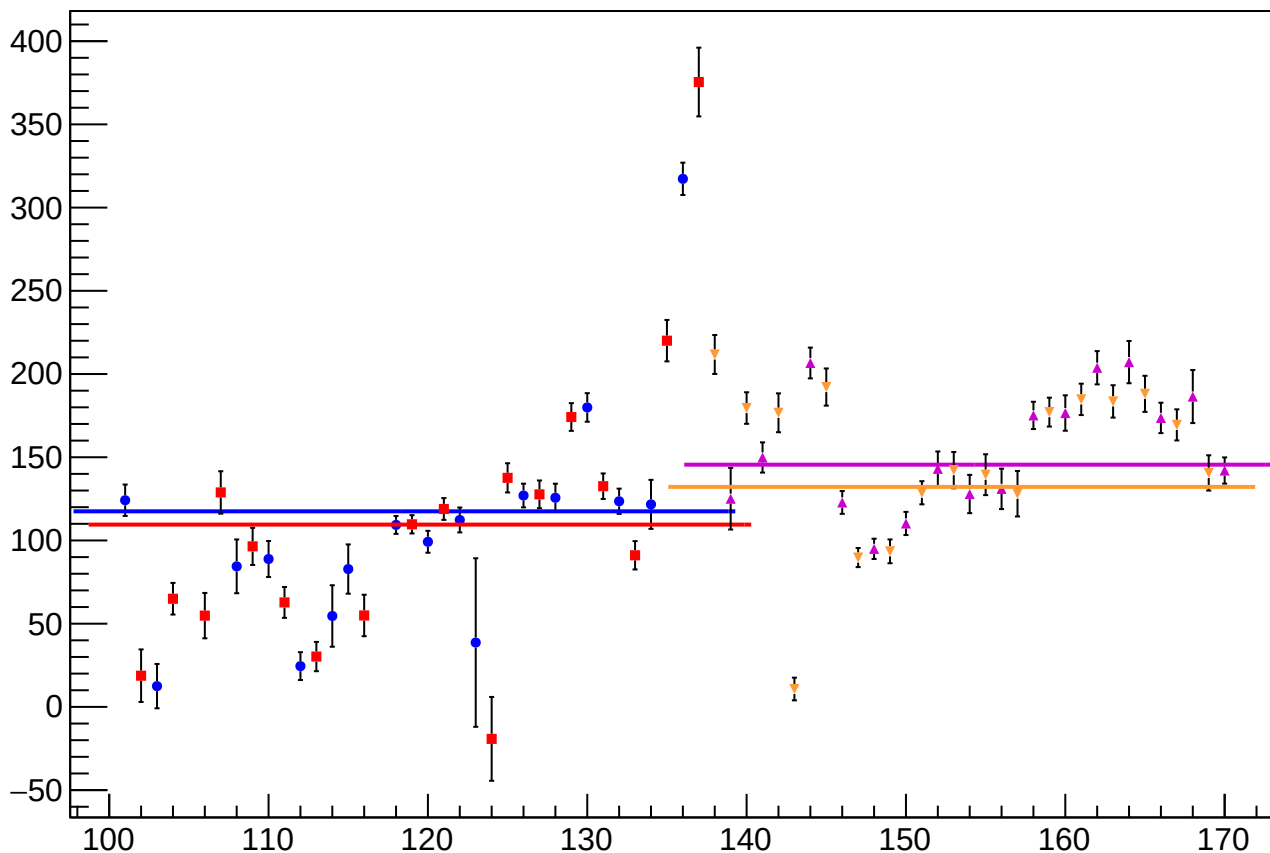
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 460.655 $\pm$ 2.182 χ^2 /NDF:2421.9/32

Out: 431.167 $\pm$ 2.132 χ^2 /NDF:6127.4/34

All: 445.574 $\pm$ 1.525 χ^2 /NDF: 8642.8/67

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2/NDF : 705.9/16

Left Out: 132.192 $\pm$ 2.181 χ^2/NDF :646.5/16

Right Out: 109.536 $\pm$ 2.208 χ^2/NDF : 562.2/17

Left In: 145.535 $\pm$ 2.287 χ^2/NDF :249.9/15

Left: 138.545 $\pm$ 1.578 χ^2/NDF : 914.2/32

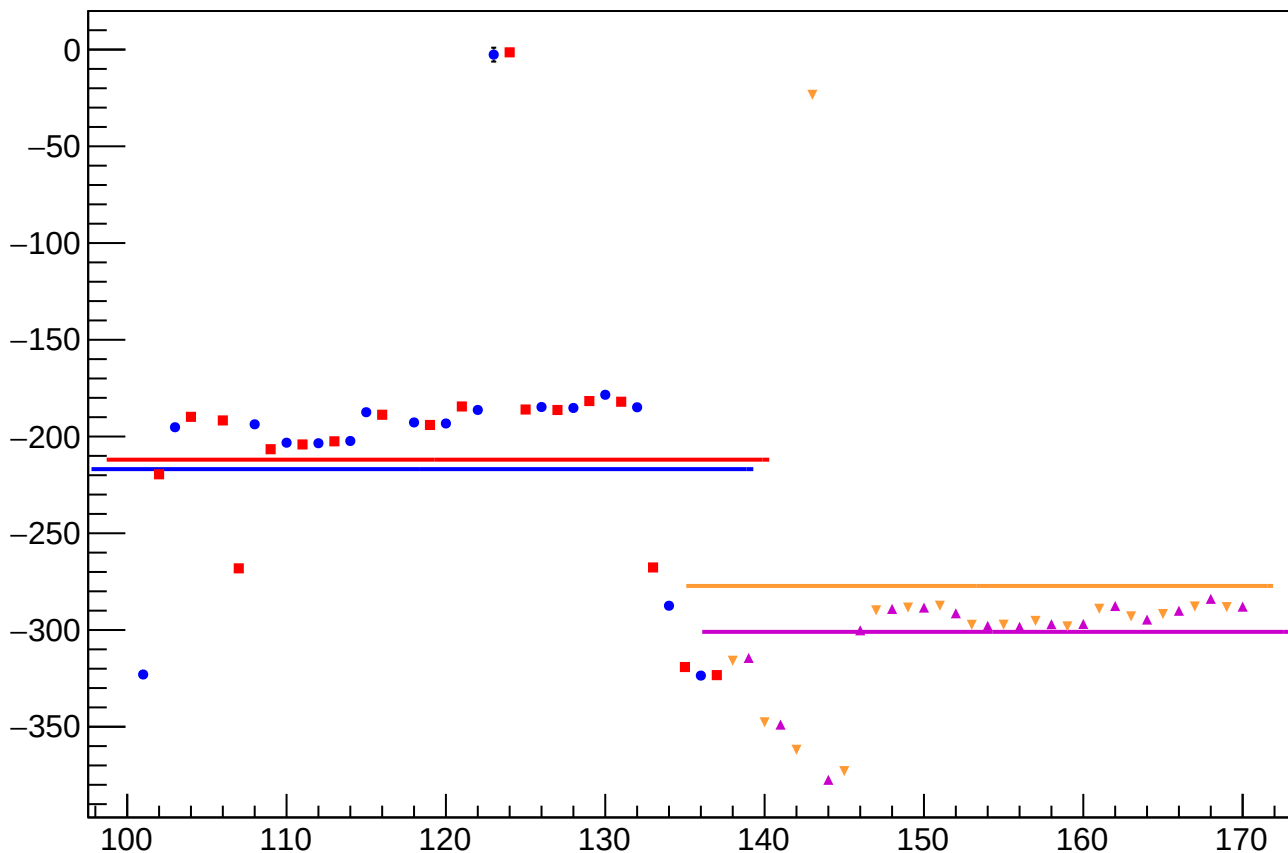
Right: 113.538 $\pm$ 1.558 χ^2/NDF : 1274.7/34

In: 130.959 $\pm$ 1.585 χ^2/NDF :1033.9/32

Out: 121.006 $\pm$ 1.552 χ^2/NDF :1262.0/34

All: 125.878 $\pm$ 1.109 χ^2/NDF : 2316.1/67

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: -277.229 ± 0.107 $\chi^2/\text{NDF}: 621105.0/16$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -300.958 ± 0.109 $\chi^2/\text{NDF}: 41206.1/15$

Left: -288.956 ± 0.076 $\chi^2/\text{NDF}: 686458.0/32$

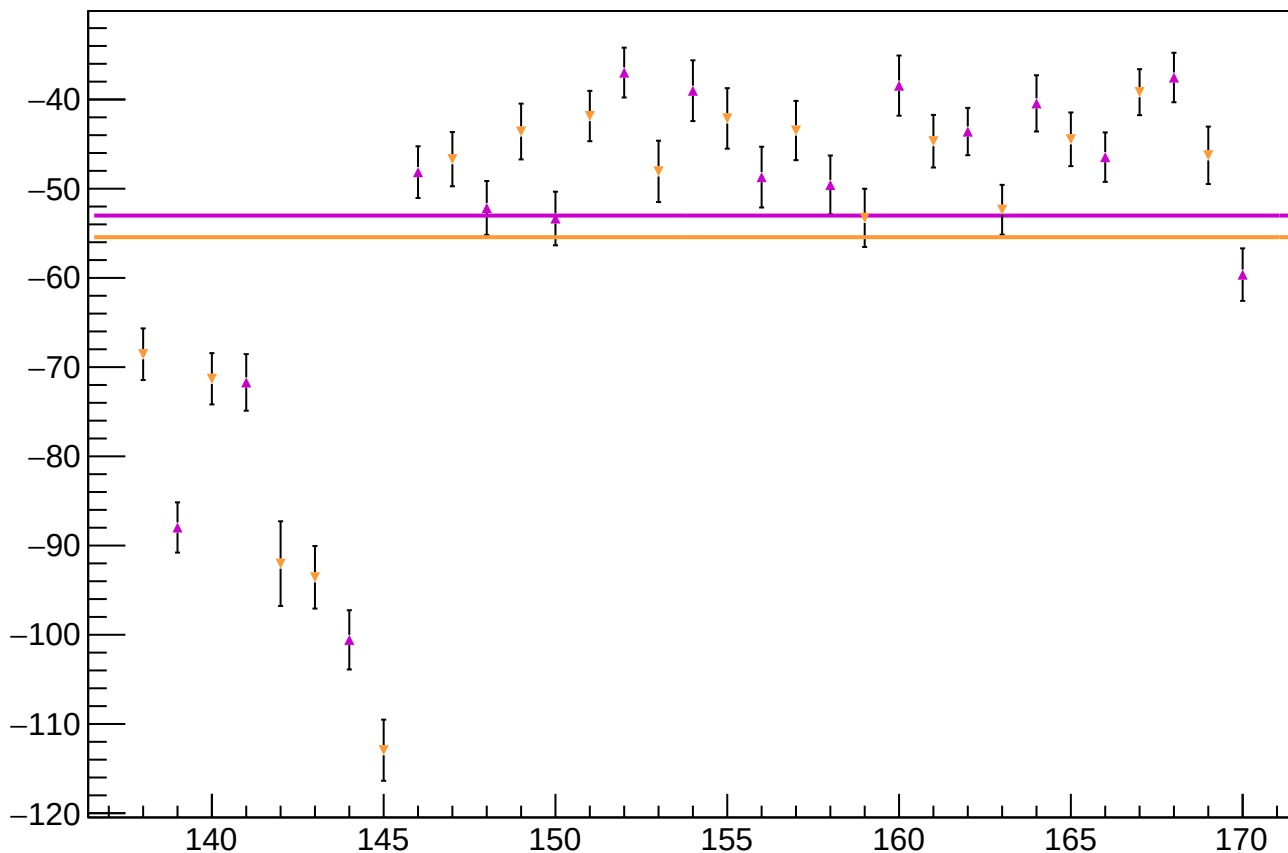
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -268.168 ± 0.085 $\chi^2/\text{NDF}: 421947.0/32$

Out: -250.924 ± 0.083 $\chi^2/\text{NDF}: 882162.7/34$

All: -259.352 ± 0.059 $\chi^2/\text{NDF}: 1325234.2/67$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



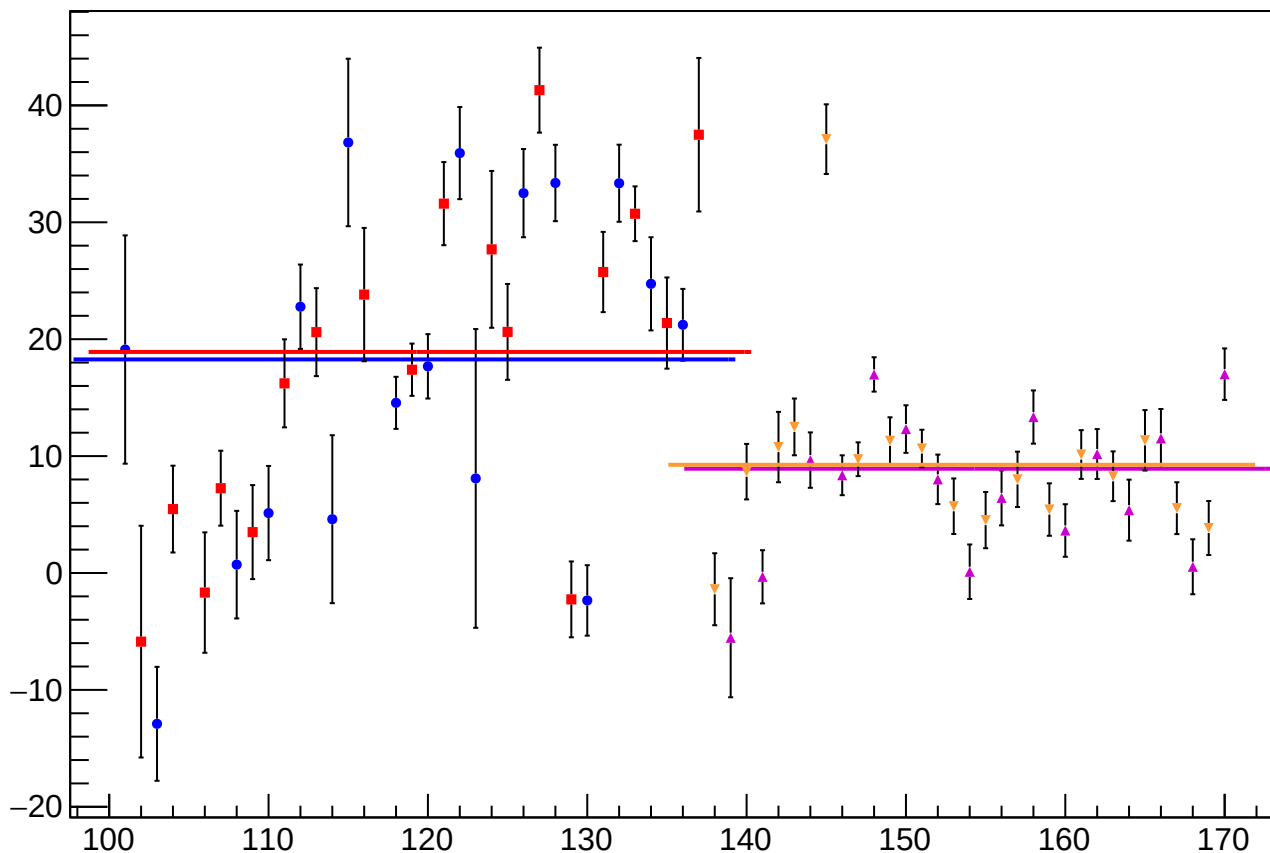
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.435+/-0.757 χ^2/NDF :665.0/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.012+/-0.755 χ^2/NDF :538.4/15

Left: -54.220+/-0.535 χ^2/NDF : 1208.5/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.012+/-0.755 χ^2/NDF :538.4/15
 Out: -55.435+/-0.757 χ^2/NDF :665.0/16

All: -54.220+/-0.535 χ^2/NDF : 1208.5/32

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.257 $\pm$ 0.534 χ^2 /NDF:121.8/16

Right Out: 18.909 $\pm$ 0.864 χ^2 /NDF: 198.1/17

Left In: 8.919 $\pm$ 0.547 χ^2 /NDF:112.0/15

Left: 9.092 $\pm$ 0.382 χ^2 /NDF: 234.1/32

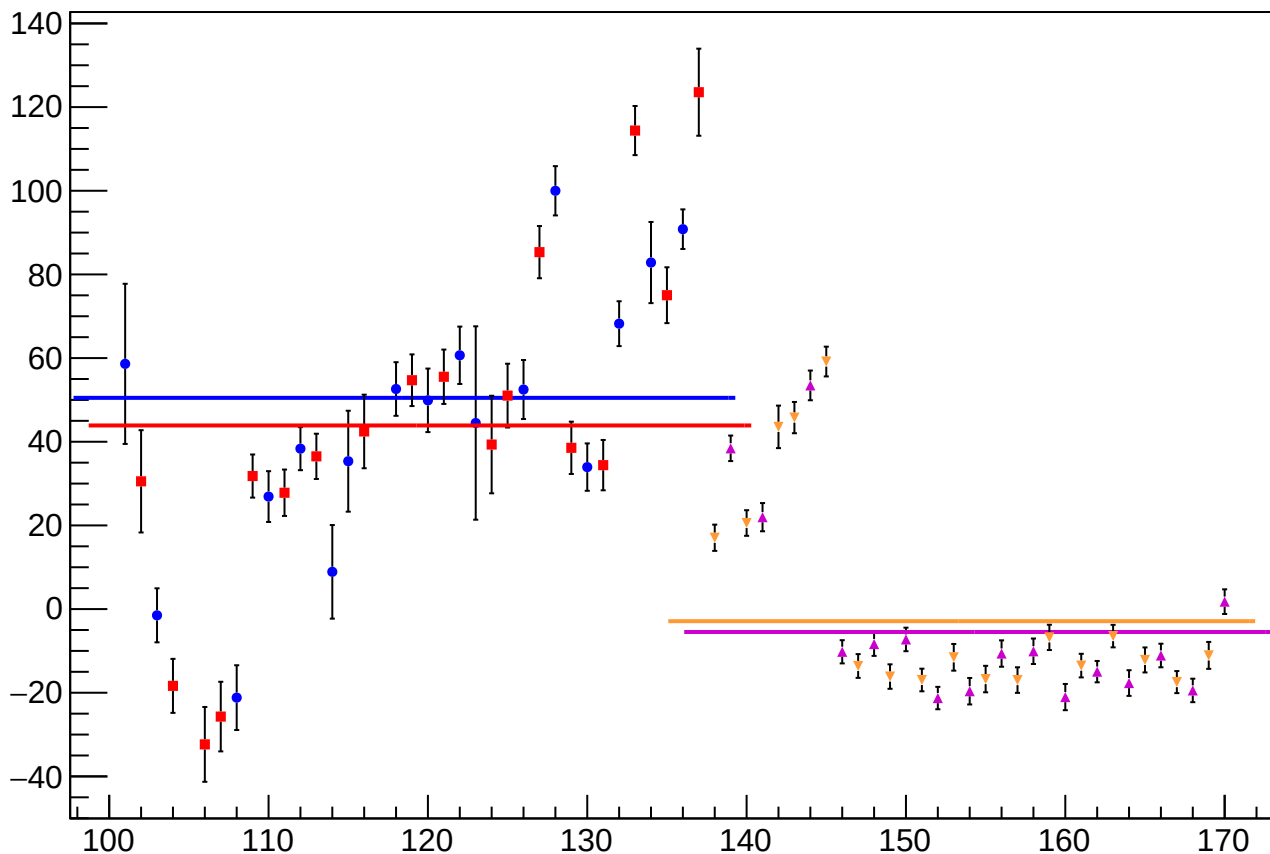
Right: 18.605 $\pm$ 0.626 χ^2 /NDF: 406.7/34

In: 11.410 $\pm$ 0.468 χ^2 /NDF:398.3/32

Out: 11.923 $\pm$ 0.454 χ^2 /NDF:410.2/34

All: 11.674 $\pm$ 0.326 χ^2 /NDF: 809.2/67

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: -2.892 $\pm$ 0.744 χ^2 /NDF:829.6/16

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -5.477 $\pm$ 0.739 χ^2 /NDF:702.3/15

Left: -4.194 $\pm$ 0.524 χ^2 /NDF: 1538.0/32

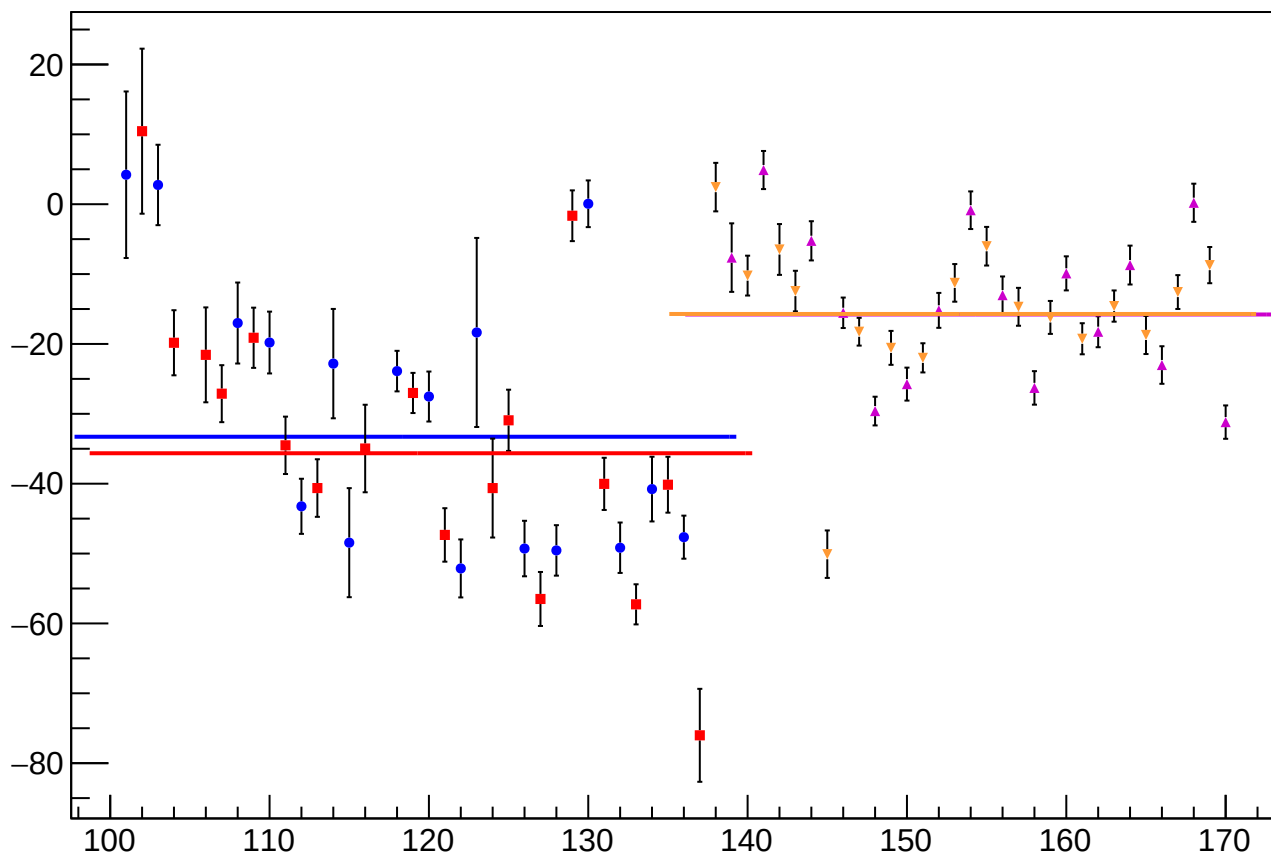
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 3.675 $\pm$ 0.676 χ^2 /NDF:2004.3/32

Out: 5.400 $\pm$ 0.675 χ^2 /NDF:2061.6/34

All: 4.538 $\pm$ 0.478 χ^2 /NDF: 4069.2/67

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.711 ± 0.623 χ^2/NDF : 184.1/16

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -15.784 ± 0.634 χ^2/NDF : 285.2/15

Left: -15.746 ± 0.444 χ^2/NDF : 469.3/32

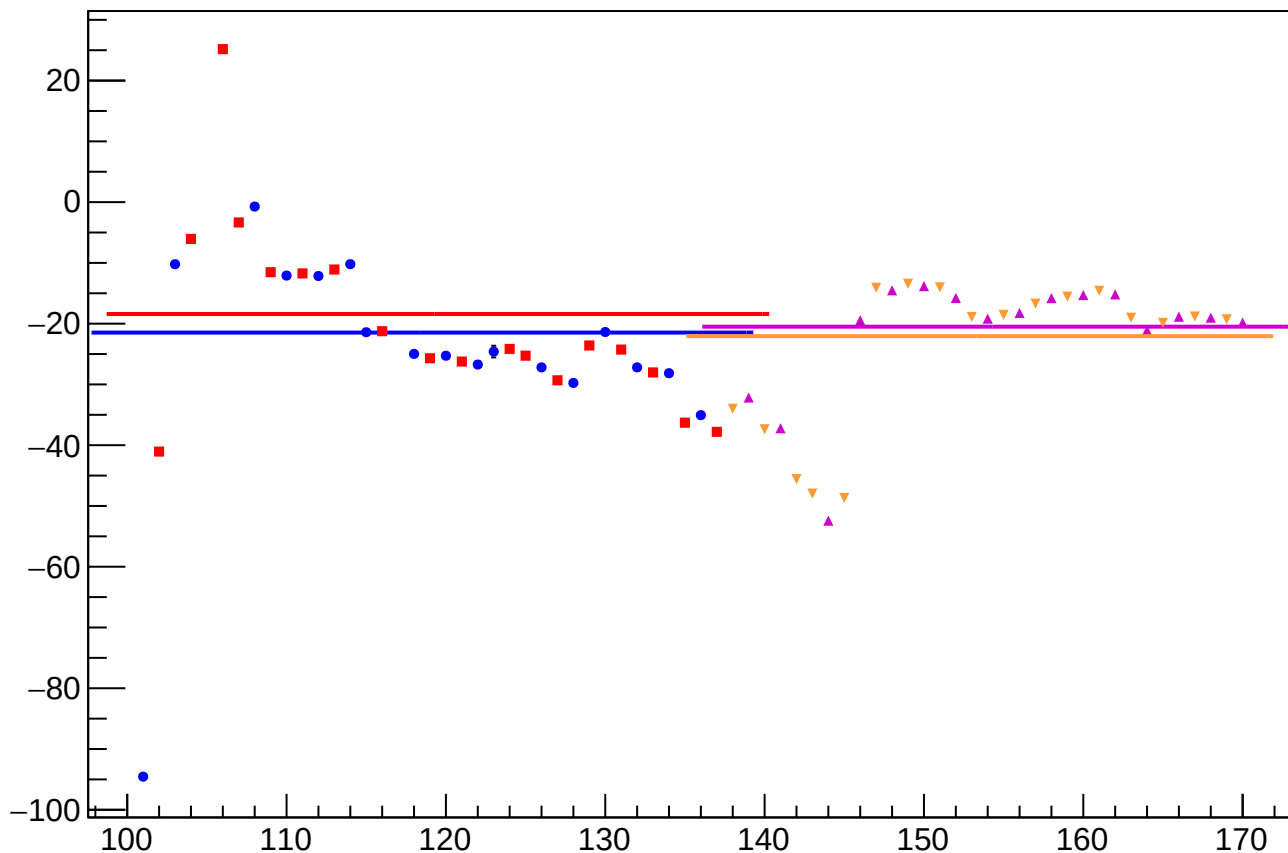
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.555 ± 0.540 χ^2/NDF : 786.0/32

Out: -21.339 ± 0.527 χ^2/NDF : 758.0/34

All: -20.957 ± 0.377 χ^2/NDF : 1545.1/67

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -22.051 ± 0.029 χ^2/NDF : 130387.9/16

Right Out: -18.411 ± 0.057 χ^2/NDF : 77587.3/17

Left In: -20.497 ± 0.029 χ^2/NDF : 84454.8/15

Left: -21.266 ± 0.021 χ^2/NDF : 216277.0/32

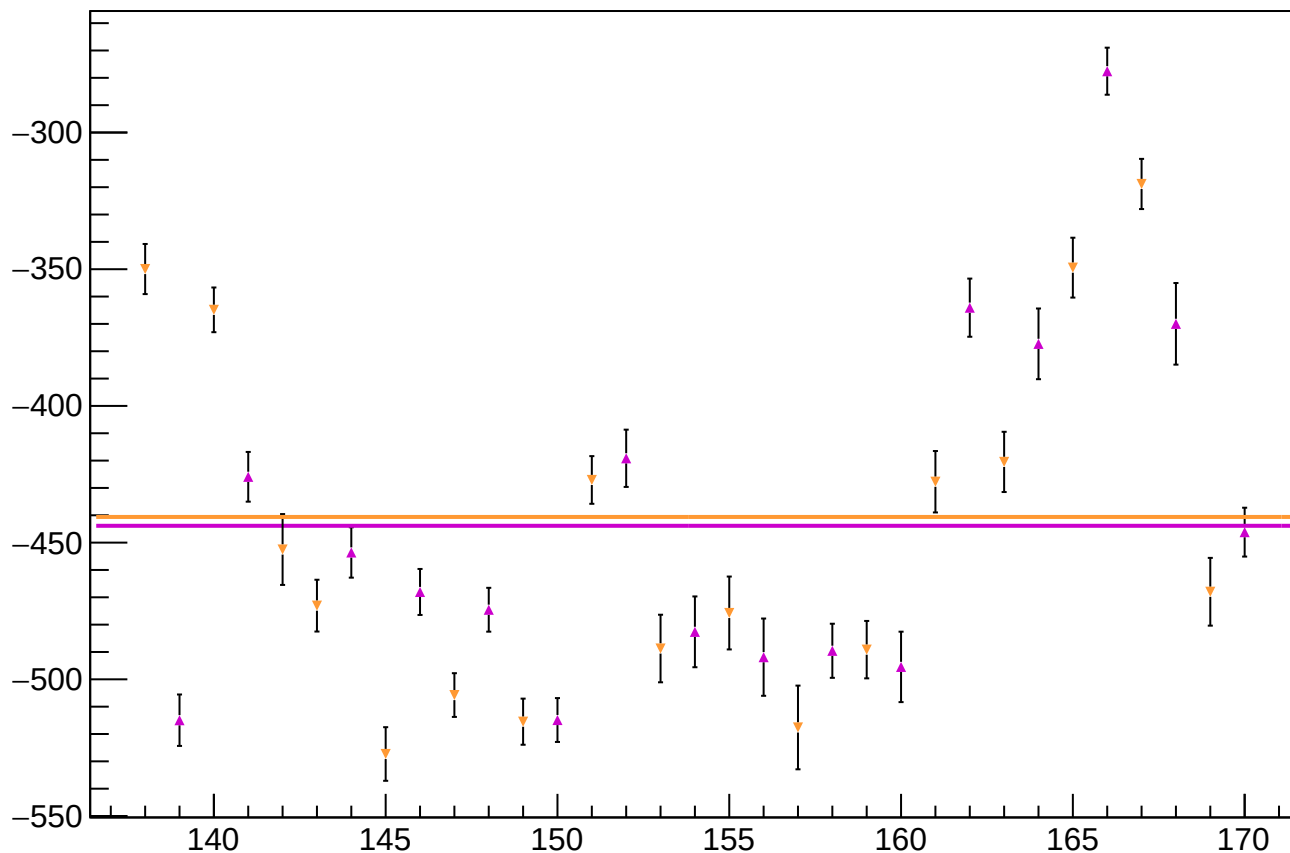
Right: -19.904 ± 0.041 χ^2/NDF : 127953.4/34

In: -20.686 ± 0.026 χ^2/NDF : 133654.9/32

Out: -21.304 ± 0.026 χ^2/NDF : 211172.8/34

All: -20.994 ± 0.018 χ^2/NDF : 345111.0/67

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -440.610+/-2.457 χ^2/NDF :745.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -443.845+/-2.484 χ^2/NDF :707.6/15

Left: -442.210+/-1.747 χ^2/NDF : 1454.3/32

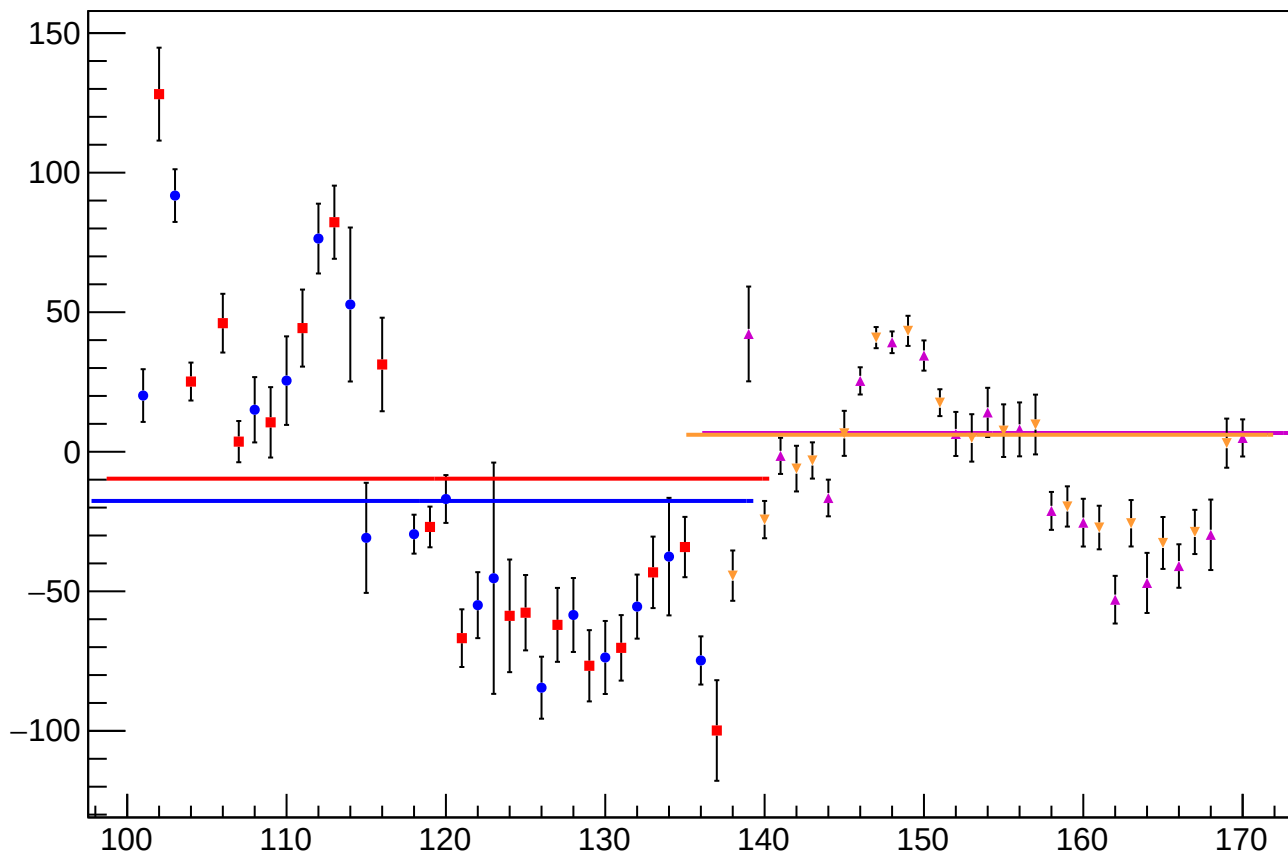
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -443.845+/-2.484 χ^2/NDF :707.6/15

Out: -440.610+/-2.457 χ^2/NDF :745.9/16

All: -442.210+/-1.747 χ^2/NDF : 1454.3/32

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: 6.094 ± 1.666 $\chi^2/\text{NDF}: 276.3/16$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 6.725 ± 1.726 $\chi^2/\text{NDF}: 280.9/15$

Left: 6.398 ± 1.199 $\chi^2/\text{NDF}: 557.2/32$

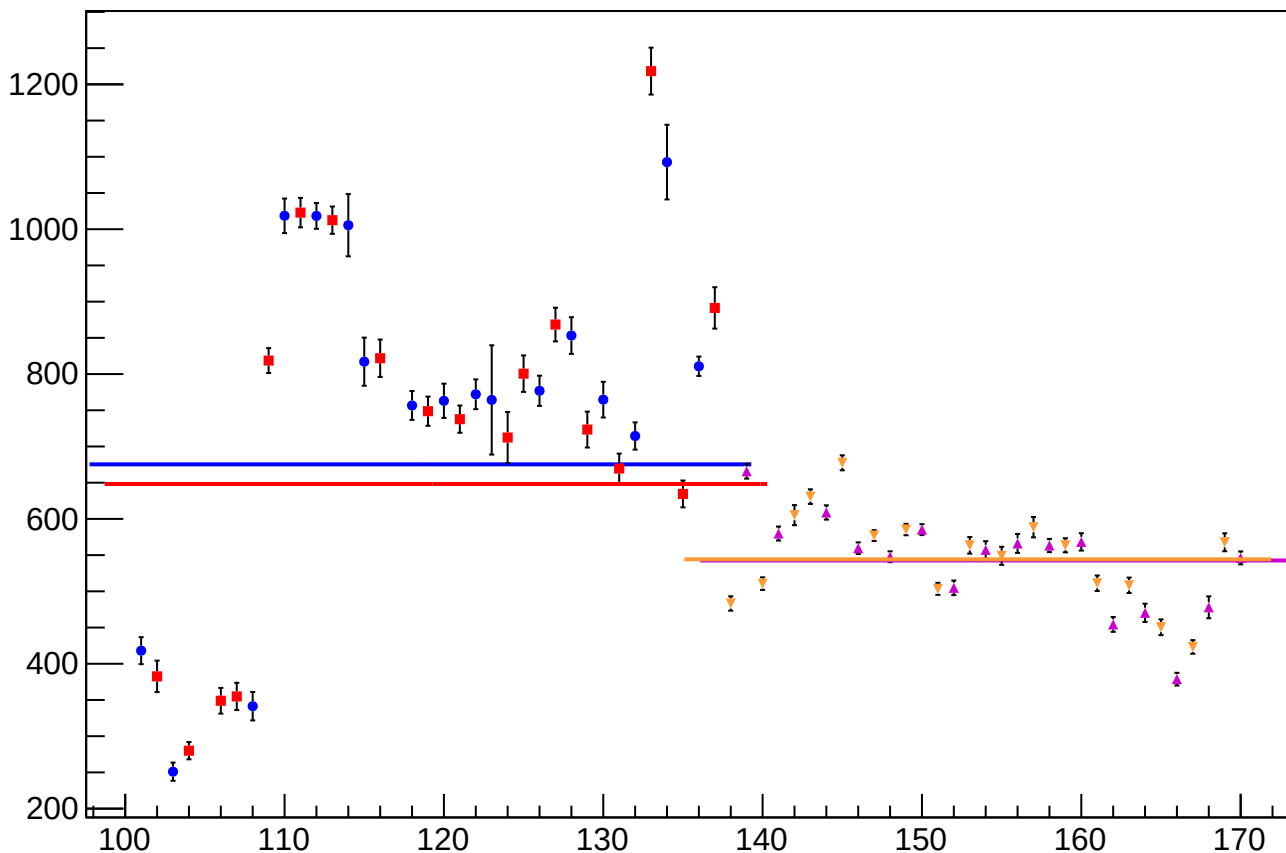
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -0.027 ± 1.467 $\chi^2/\text{NDF}: 698.1/32$

Out: 1.545 ± 1.405 $\chi^2/\text{NDF}: 662.7/34$

All: 0.793 ± 1.015 $\chi^2/\text{NDF}: 1361.4/67$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 544.213+/-2.427 χ^2/NDF : 663.3/16

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 542.601+/-2.433 χ^2/NDF : 747.3/15

Left: 543.409+/-1.718 χ^2/NDF : 1410.9/32

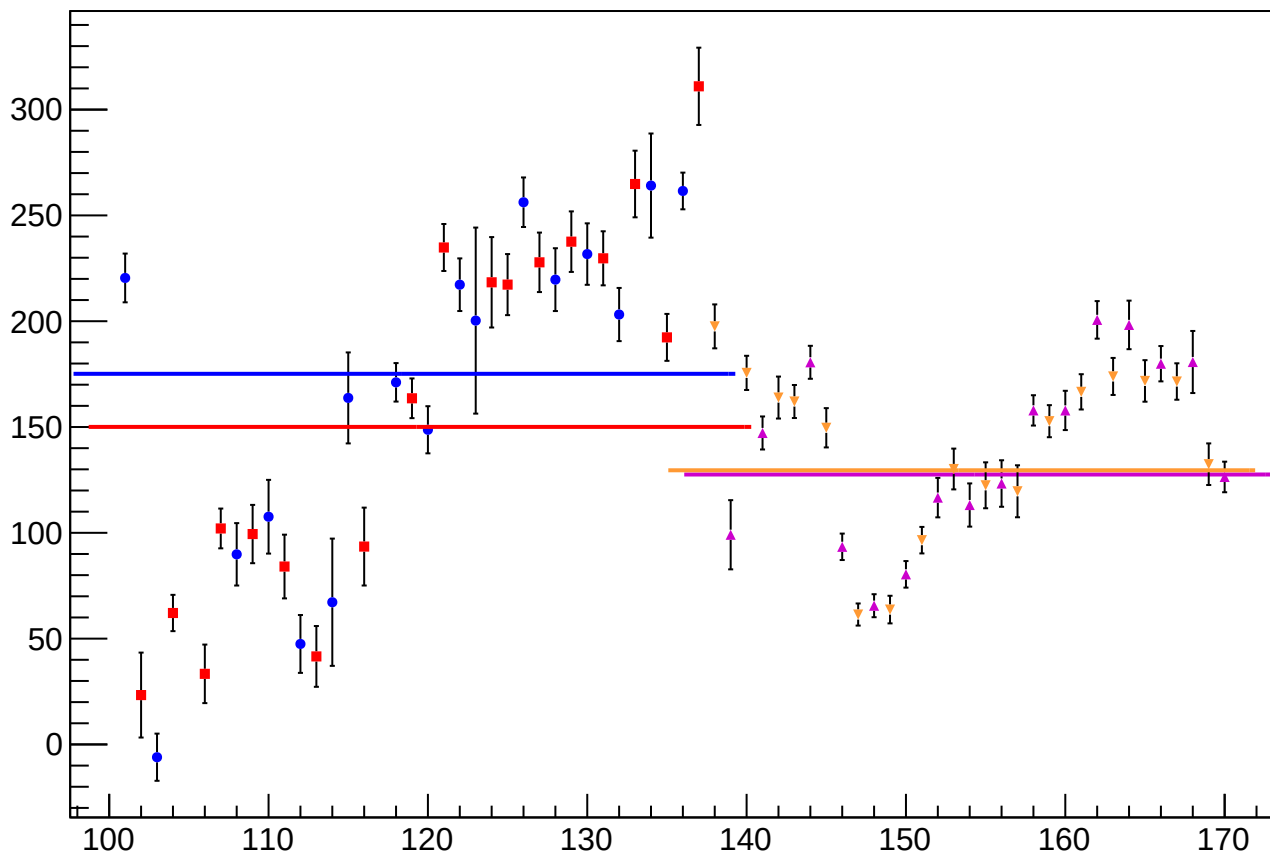
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 567.639+/-2.191 χ^2/NDF : 3891.5/32

Out: 565.573+/-2.164 χ^2/NDF : 4099.4/34

All: 566.593+/-1.540 χ^2/NDF : 7991.4/67

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: 129.553 $\pm$ 1.987 χ^2 /NDF:507.4/16

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 127.558 $\pm$ 2.039 χ^2 /NDF:462.6/15

Left: 128.582 $\pm$ 1.423 χ^2 /NDF: 970.5/32

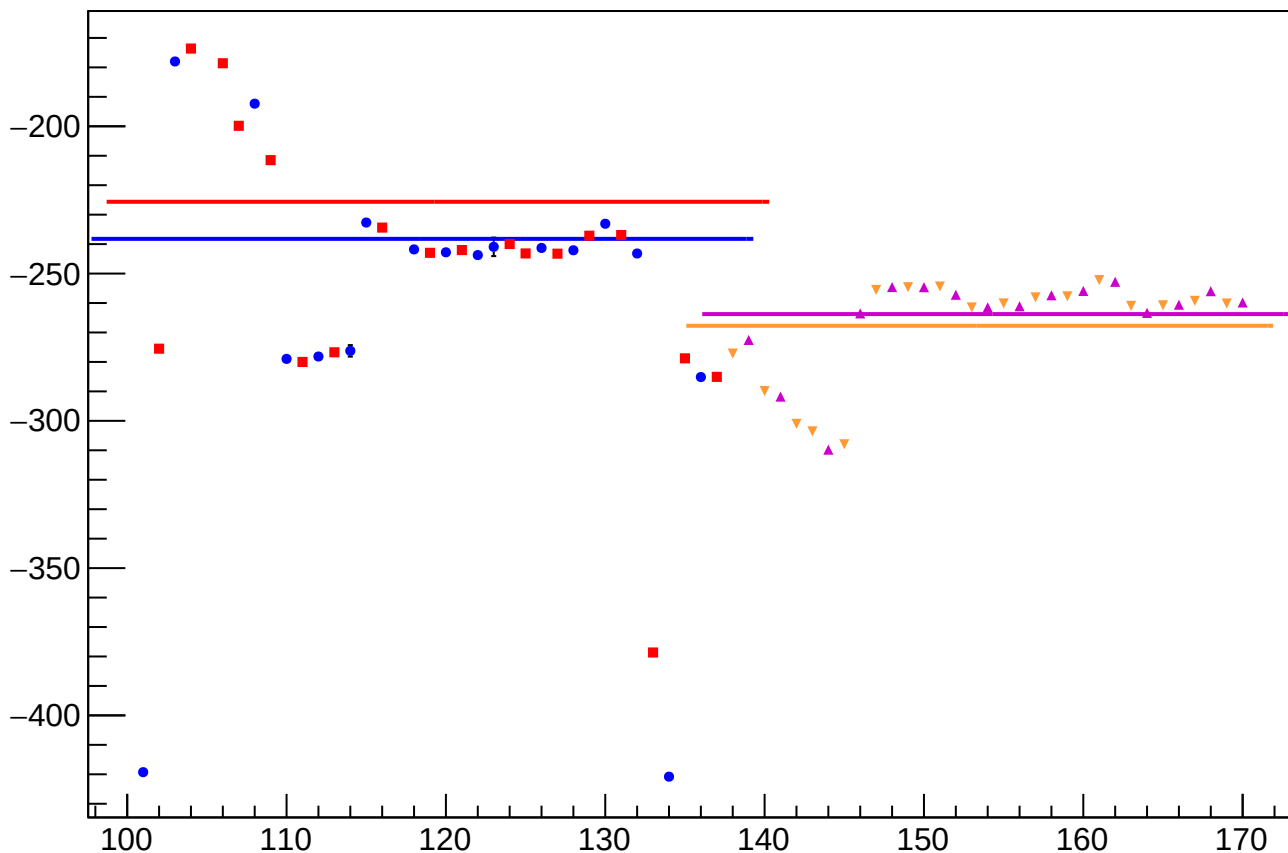
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 141.246 $\pm$ 1.721 χ^2 /NDF:1254.8/32

Out: 135.673 $\pm$ 1.664 χ^2 /NDF:1225.3/34

All: 138.366 $\pm$ 1.196 χ^2 /NDF: 2485.6/67

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 χ^2/NDF : 167098.2/16

Left Out: -267.718 ± 0.098 χ^2/NDF : 33561.7/16

Right Out: -225.623 ± 0.152 χ^2/NDF : 95450.2/17

Left In: -263.755 ± 0.097 χ^2/NDF : 20933.2/15

Left: -265.723 ± 0.069 χ^2/NDF : 55326.2/32

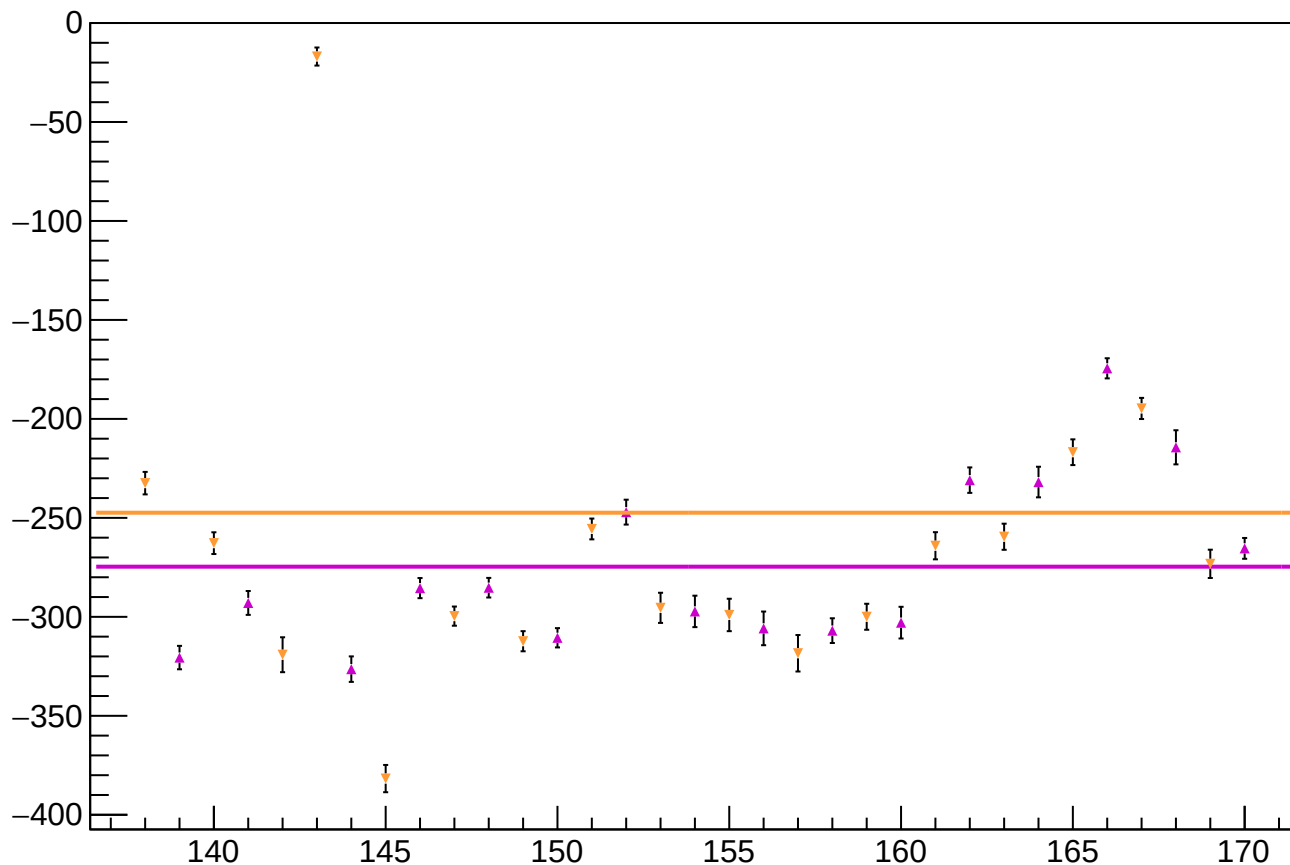
Right: -231.577 ± 0.110 χ^2/NDF : 265811.9/34

In: -256.909 ± 0.083 χ^2/NDF : 206663.8/32

Out: -255.394 ± 0.082 χ^2/NDF : 183560.9/34

All: -256.143 ± 0.058 χ^2/NDF : 390393.4/67

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: -247.381+/-1.485 χ^2/NDF :3638.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.655+/-1.530 χ^2/NDF :794.4/15

Left: -260.611+/-1.066 χ^2/NDF : 4596.8/32

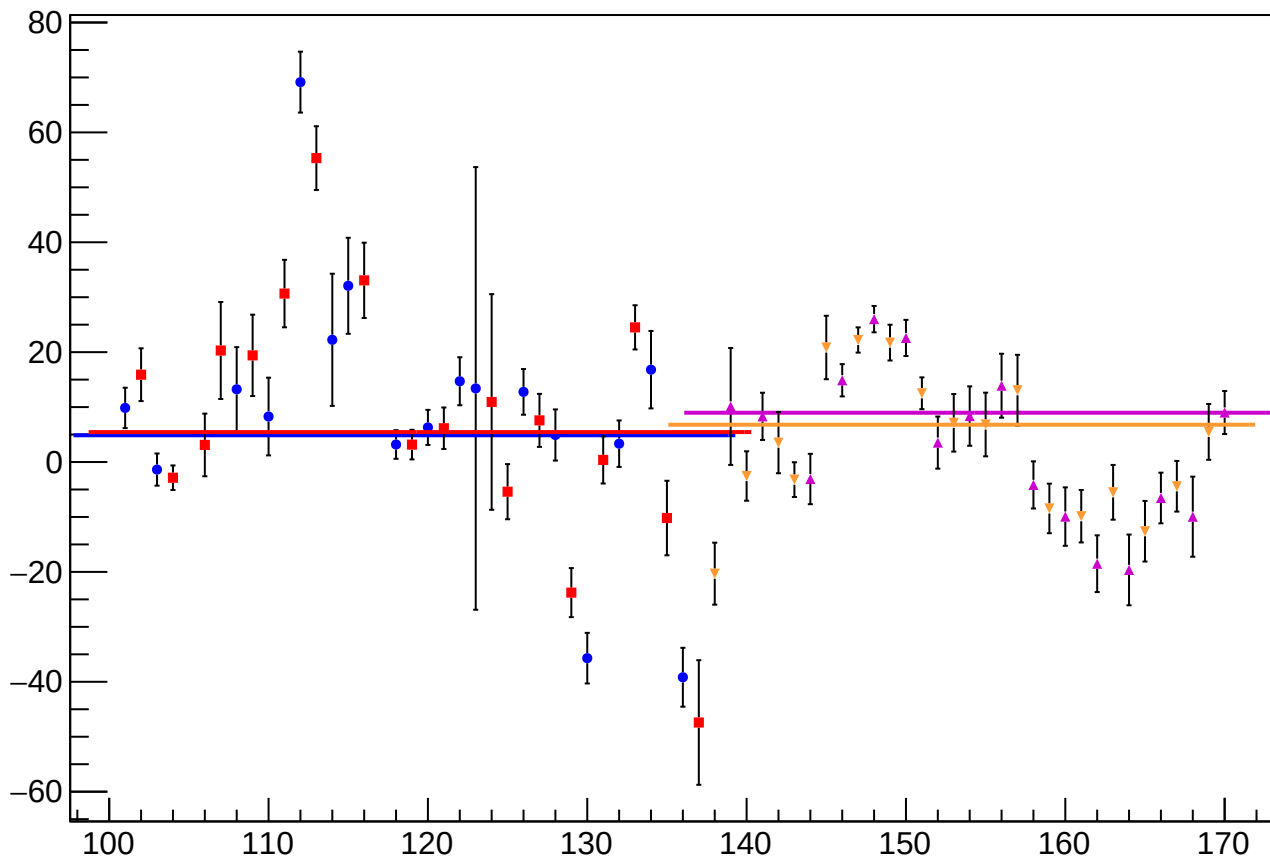
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.655+/-1.530 χ^2/NDF :794.4/15

Out: -247.381+/-1.485 χ^2/NDF :3638.8/16

All: -260.611+/-1.066 χ^2/NDF : 4596.8/32

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 6.793 ± 1.006 $\chi^2/\text{NDF}: 162.7/16$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 8.971 ± 1.064 $\chi^2/\text{NDF}: 168.8/15$

Left: 7.821 ± 0.731 $\chi^2/\text{NDF}: 333.7/32$

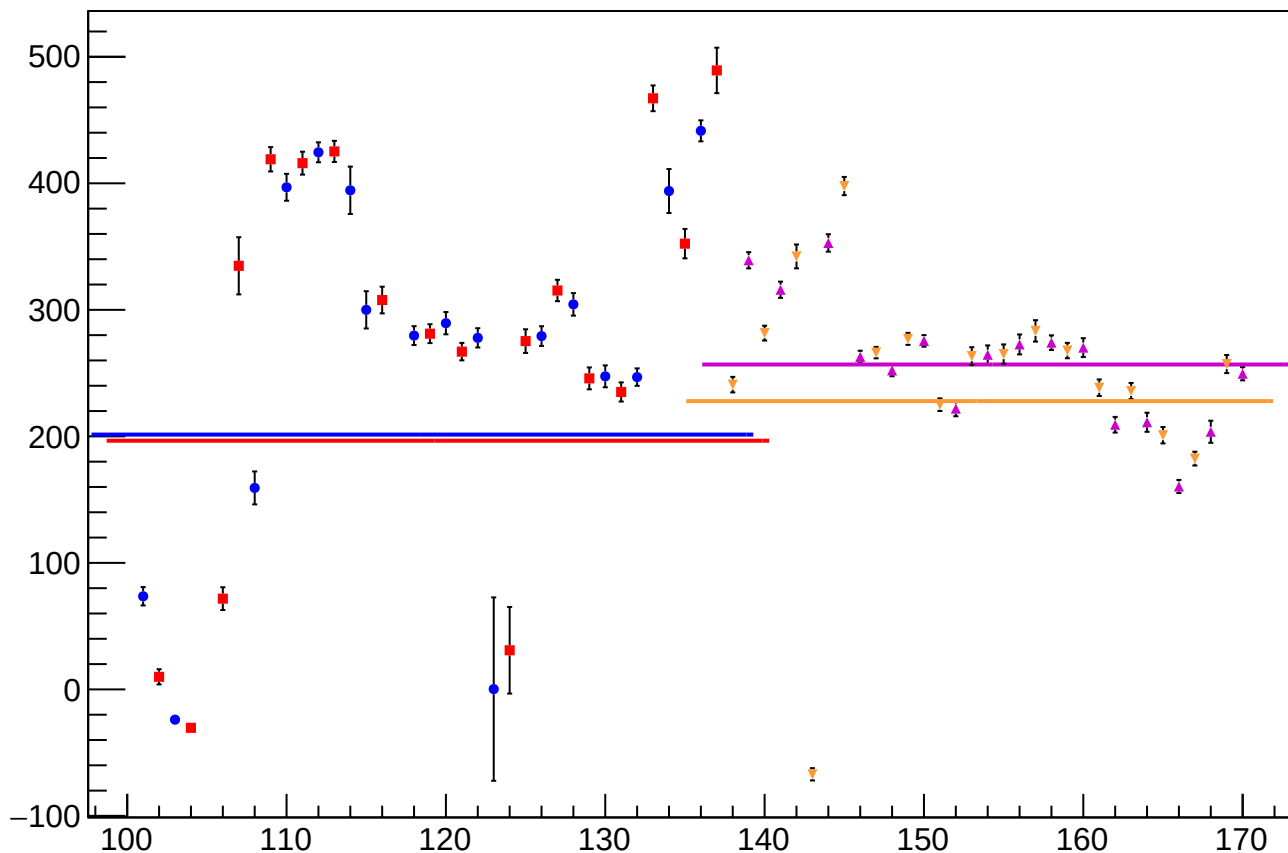
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 6.971 ± 0.762 $\chi^2/\text{NDF}: 487.6/32$

Out: 6.164 ± 0.733 $\chi^2/\text{NDF}: 395.1/34$

All: 6.552 ± 0.528 $\chi^2/\text{NDF}: 883.2/67$

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: 227.864 $\pm$ 1.467 χ^2 /NDF:4884.4/16

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 256.804 $\pm$ 1.496 χ^2 /NDF:996.0/15

Left: 242.057 $\pm$ 1.047 χ^2 /NDF: 6071.2/32

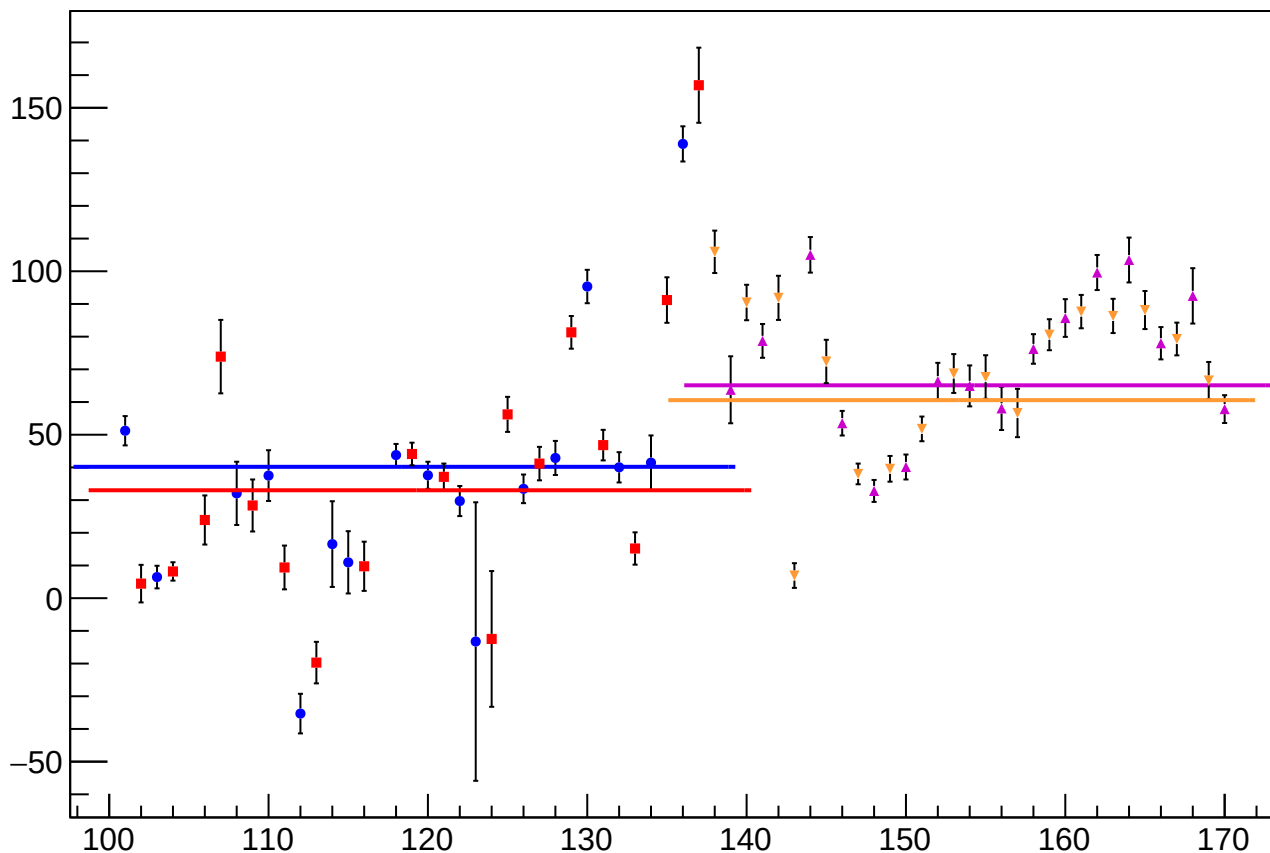
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 236.594 $\pm$ 1.192 χ^2 /NDF:8236.9/32

Out: 216.409 $\pm$ 1.168 χ^2 /NDF:13229.1/34

All: 226.299 $\pm$ 0.834 χ^2 /NDF: 21612.2/67

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: 60.574 $\pm$ 1.198 χ^2 /NDF:501.3/16

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 65.115 $\pm$ 1.256 χ^2 /NDF:318.4/15

Left: 62.738 $\pm$ 0.867 χ^2 /NDF: 826.5/32

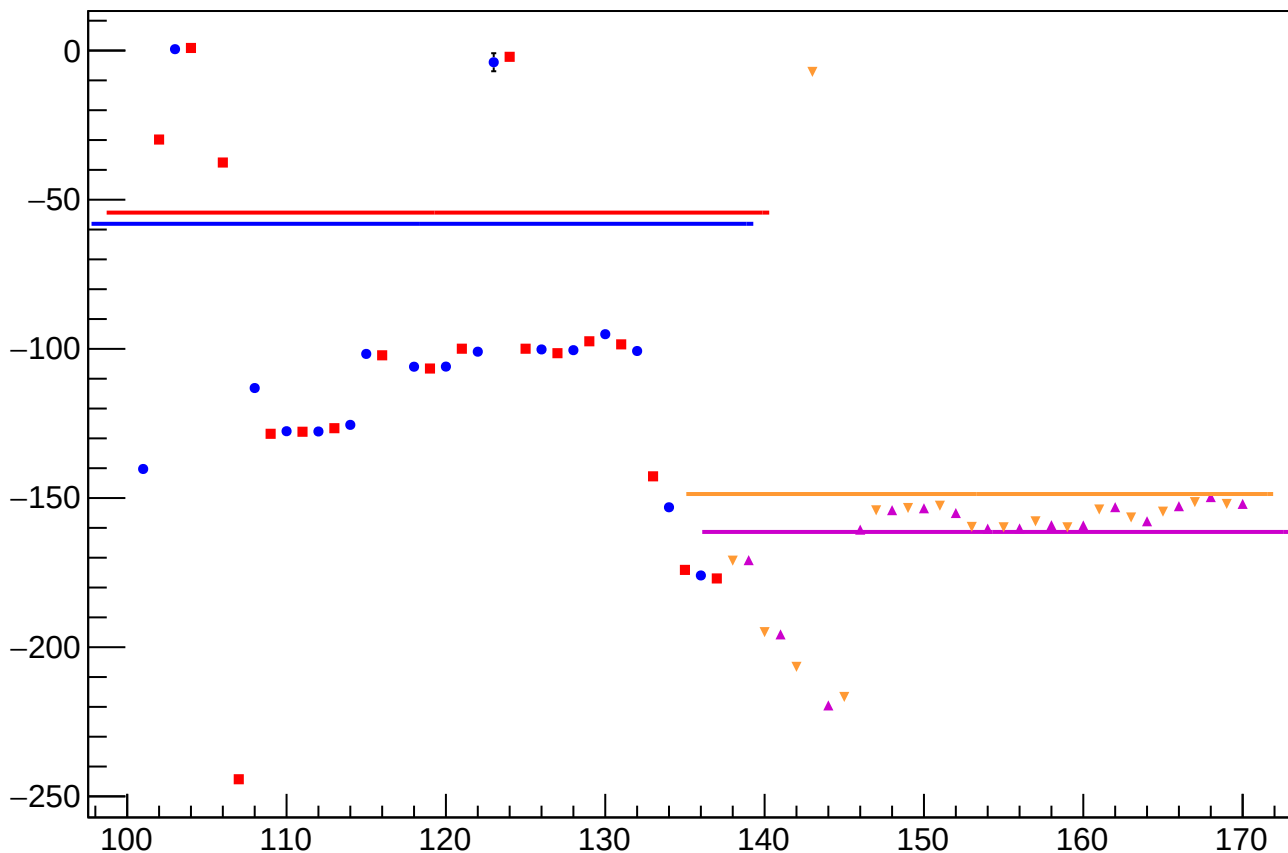
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 52.786 $\pm$ 0.893 χ^2 /NDF:1247.3/32

Out: 47.401 $\pm$ 0.866 χ^2 /NDF:1301.2/34

All: 50.011 $\pm$ 0.622 χ^2 /NDF: 2567.2/67

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -148.651 $\pm$ 0.059 χ^2 /NDF: 657074.9/16

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -161.362 $\pm$ 0.060 χ^2 /NDF: 66625.6/15

Left: -154.940 $\pm$ 0.042 χ^2 /NDF: 746741.6/32

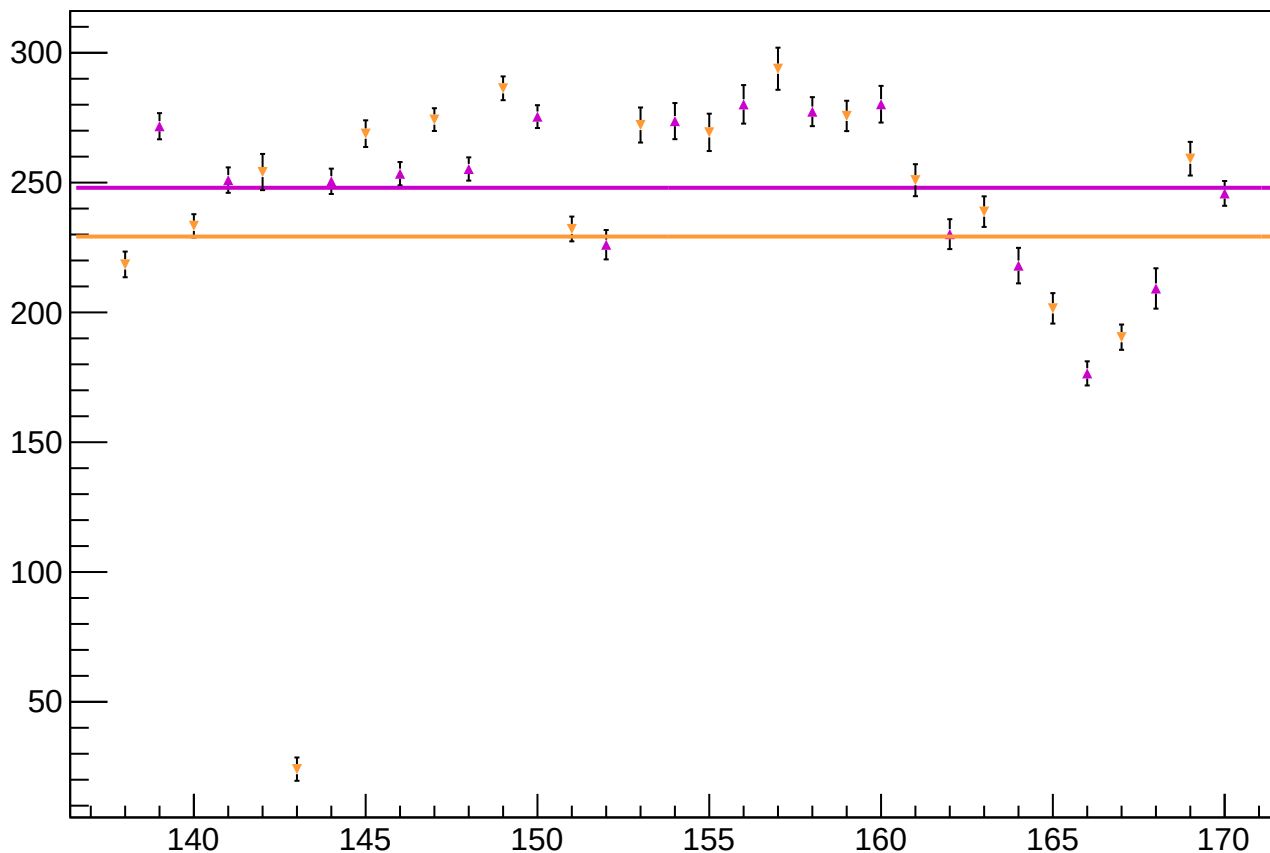
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -111.509 $\pm$ 0.043 χ^2 /NDF: 2624473.0/32

Out: -102.699 $\pm$ 0.042 χ^2 /NDF: 2897340.0/34

All: -107.039 $\pm$ 0.030 χ^2 /NDF: 5543300.0/67

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: 229.214+/-1.315 χ^2/NDF :2745.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.004+/-1.343 χ^2/NDF :451.6/15

Left: 238.410+/-0.940 χ^2/NDF : 3297.1/32

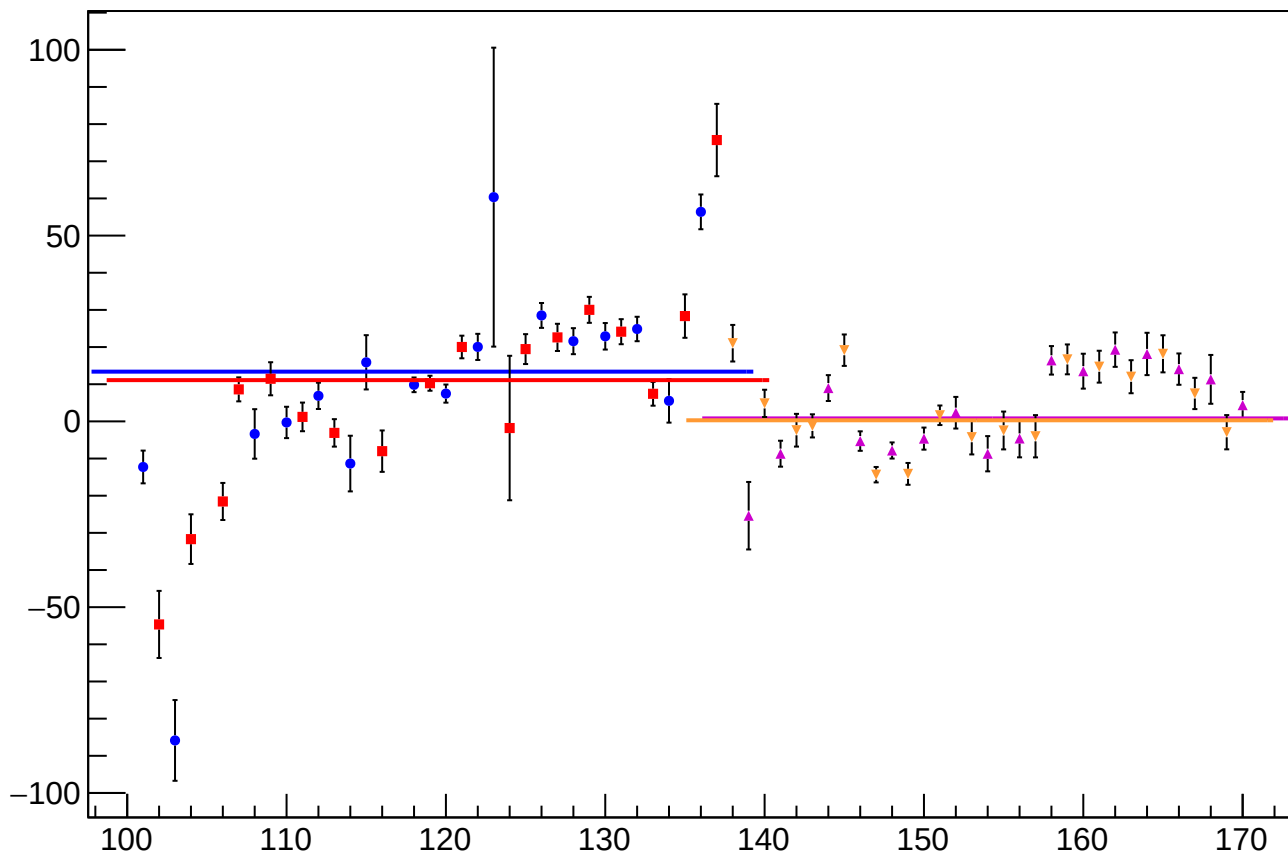
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.004+/-1.343 χ^2/NDF :451.6/15

Out: 229.214+/-1.315 χ^2/NDF :2745.5/16

All: 238.410+/-0.940 χ^2/NDF : 3297.1/32

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: 0.294 ± 0.896 χ^2/NDF : 166.9/16

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 0.803 ± 0.939 χ^2/NDF : 113.7/15

Left: 0.537 ± 0.648 χ^2/NDF : 280.7/32

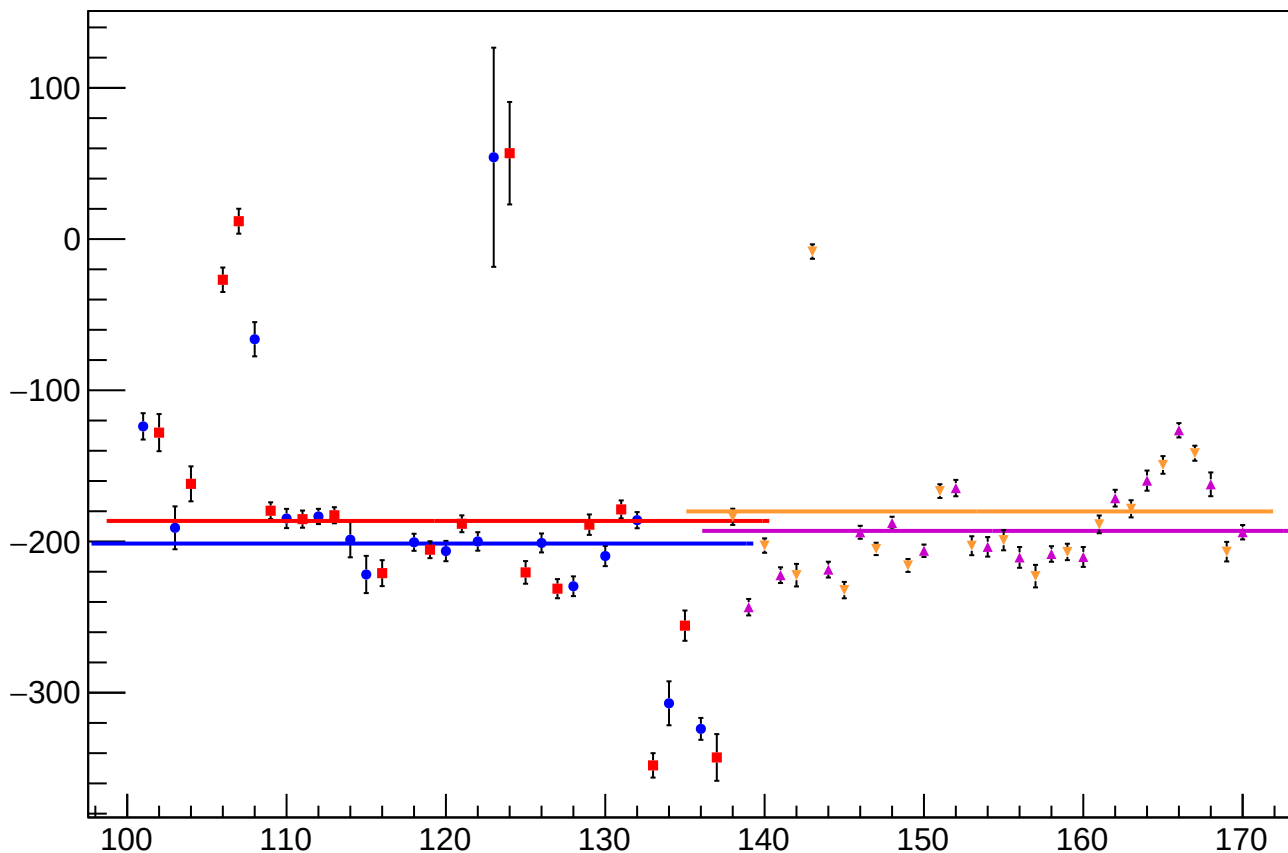
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.212 ± 0.657 χ^2/NDF : 499.3/32

Out: 5.584 ± 0.640 χ^2/NDF : 530.3/34

All: 6.376 ± 0.459 χ^2/NDF : 1032.7/67

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -180.116 ± 1.302 $\chi^2/\text{NDF}: 1733.5/16$

Right Out: -186.409 ± 1.703 $\chi^2/\text{NDF}: 1699.5/17$

Left In: -192.998 ± 1.317 $\chi^2/\text{NDF}: 458.1/15$

Left: -186.483 ± 0.926 $\chi^2/\text{NDF}: 2240.0/32$

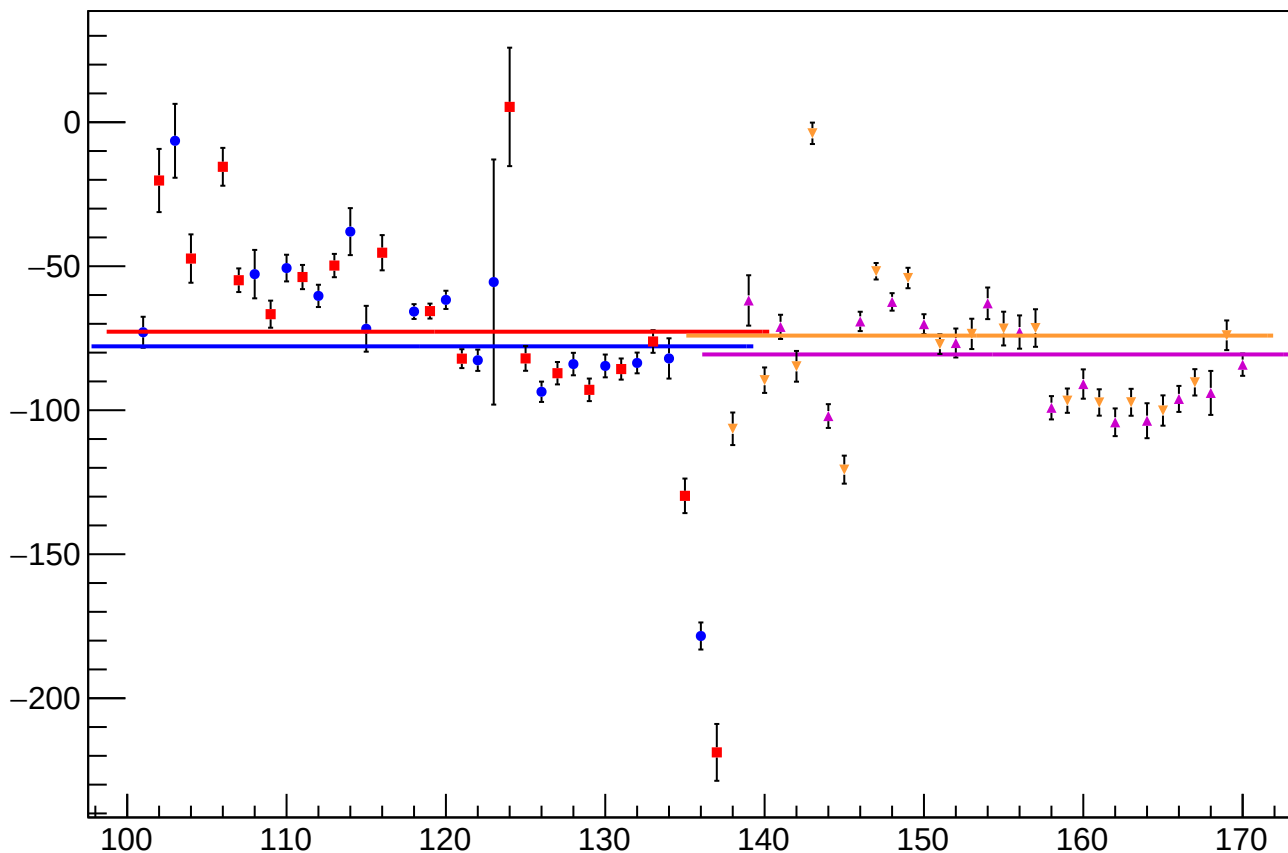
Right: -193.544 ± 1.232 $\chi^2/\text{NDF}: 2361.2/34$

In: -195.951 ± 1.059 $\chi^2/\text{NDF}: 1097.3/32$

Out: -182.437 ± 1.034 $\chi^2/\text{NDF}: 3441.6/34$

All: -189.032 ± 0.740 $\chi^2/\text{NDF}: 4622.2/67$

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: -74.086 ± 1.067 χ^2/NDF : 706.8/16

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -80.632 ± 1.107 χ^2/NDF : 185.6/15

Left: -77.237 ± 0.768 χ^2/NDF : 910.5/32

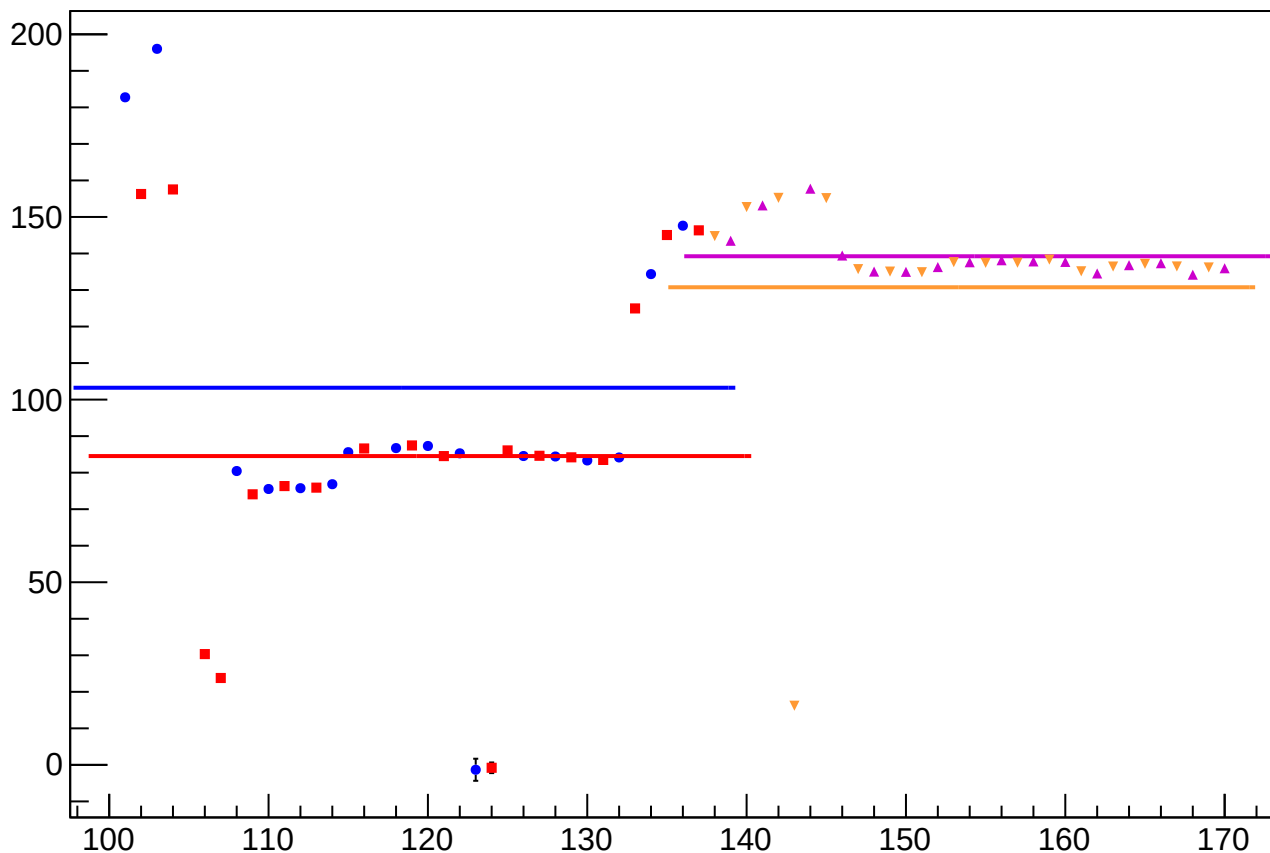
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -79.174 ± 0.769 χ^2/NDF : 845.3/32

Out: -73.402 ± 0.750 χ^2/NDF : 1306.6/34

All: -76.215 ± 0.537 χ^2/NDF : 2180.7/67

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: 130.753 $\pm$ 0.052 χ^2 /NDF: 398843.8/16

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 139.243 $\pm$ 0.052 χ^2 /NDF: 14188.6/15

Left: 134.982 $\pm$ 0.037 χ^2 /NDF: 426198.6/32

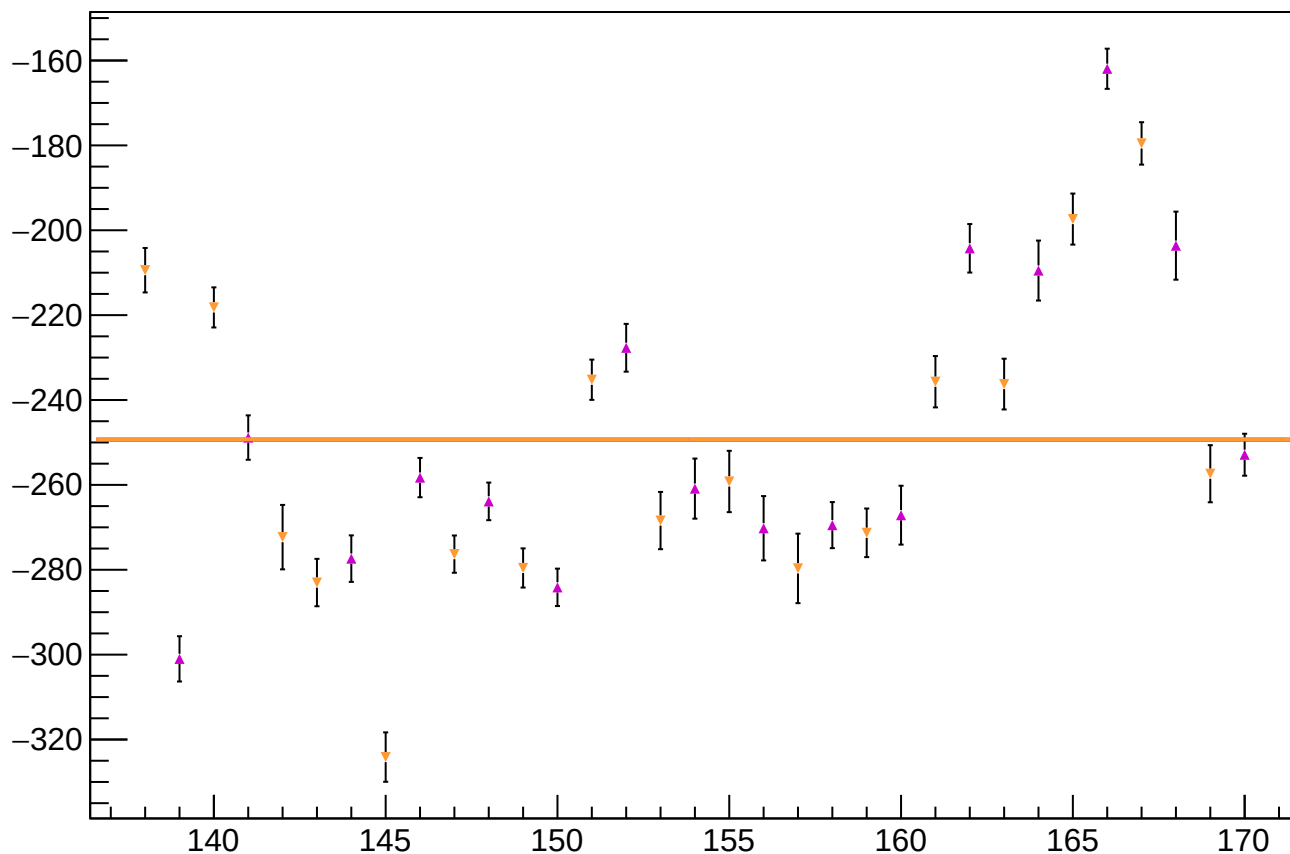
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 126.419 $\pm$ 0.042 χ^2 /NDF: 455586.8/32

Out: 112.255 $\pm$ 0.040 χ^2 /NDF: 1123747.2/34

All: 119.059 $\pm$ 0.029 χ^2 /NDF: 1638268.1/67

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: -249.260+/-1.367 χ^2/NDF : 720.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Left: -249.299+/-0.969 χ^2/NDF : 1430.8/32

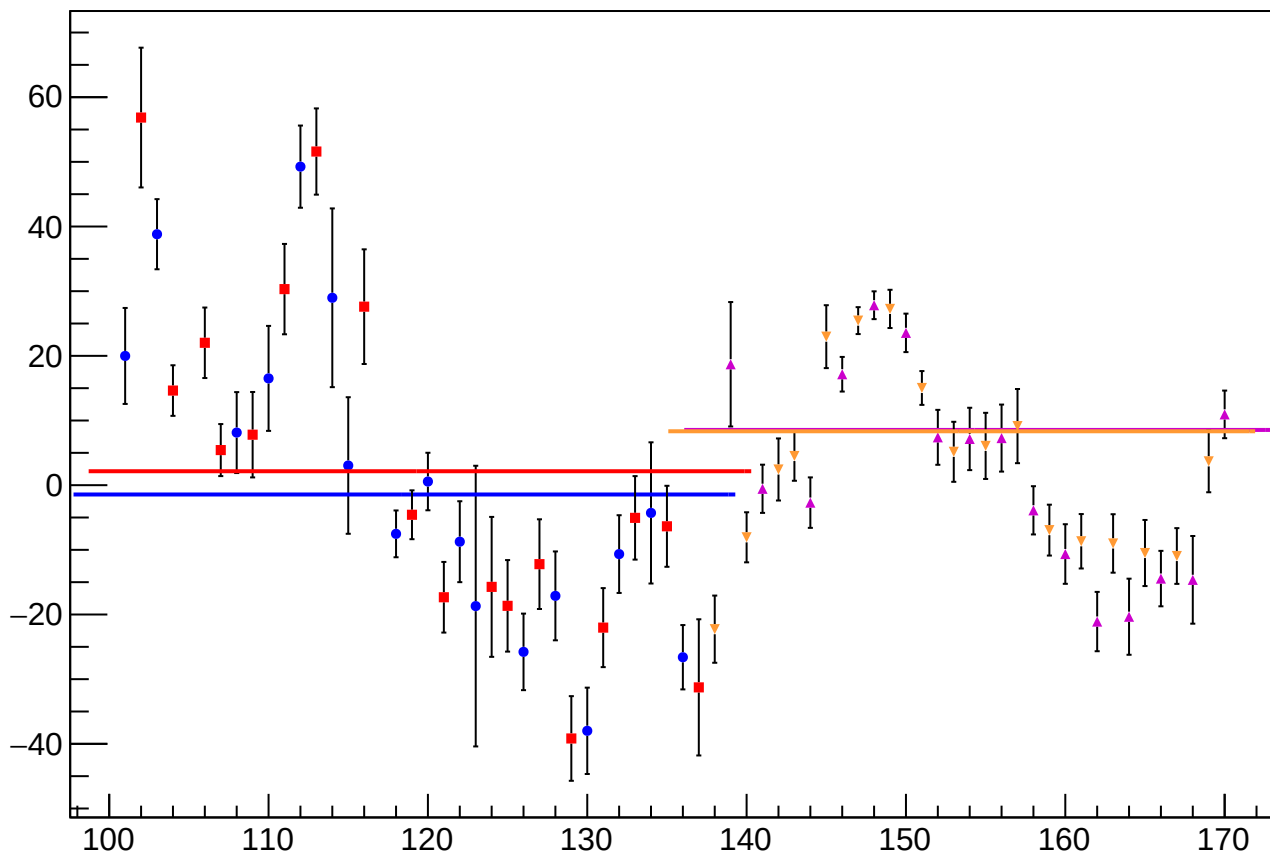
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Out: -249.260+/-1.367 χ^2/NDF : 720.9/16

All: -249.299+/-0.969 χ^2/NDF : 1430.8/32

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: 8.337 ± 0.924 χ^2/NDF : 260.7/16

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 8.543 ± 0.954 χ^2/NDF : 267.0/15

Left: 8.437 ± 0.664 χ^2/NDF : 527.8/32

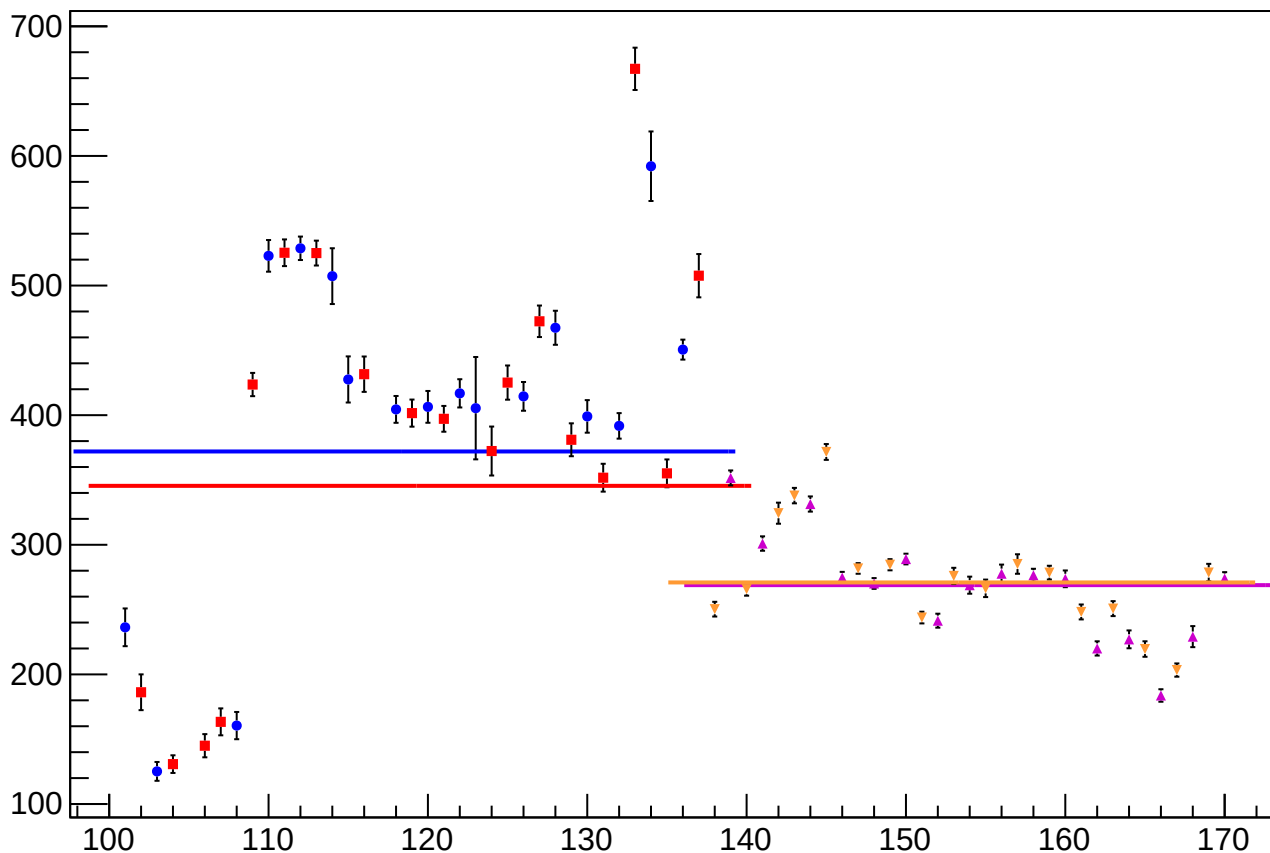
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 5.710 ± 0.808 χ^2/NDF : 522.5/32

Out: 6.462 ± 0.772 χ^2/NDF : 504.5/34

All: 6.103 ± 0.558 χ^2/NDF : 1027.4/67

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: 270.952 $\pm$ 1.346 χ^2/NDF : 792.7/16

Right Out: 345.473 $\pm$ 2.564 χ^2/NDF : 3401.6/17

Left In: 268.863 $\pm$ 1.344 χ^2/NDF : 860.9/15

Left: 269.905 $\pm$ 0.951 χ^2/NDF : 1654.8/32

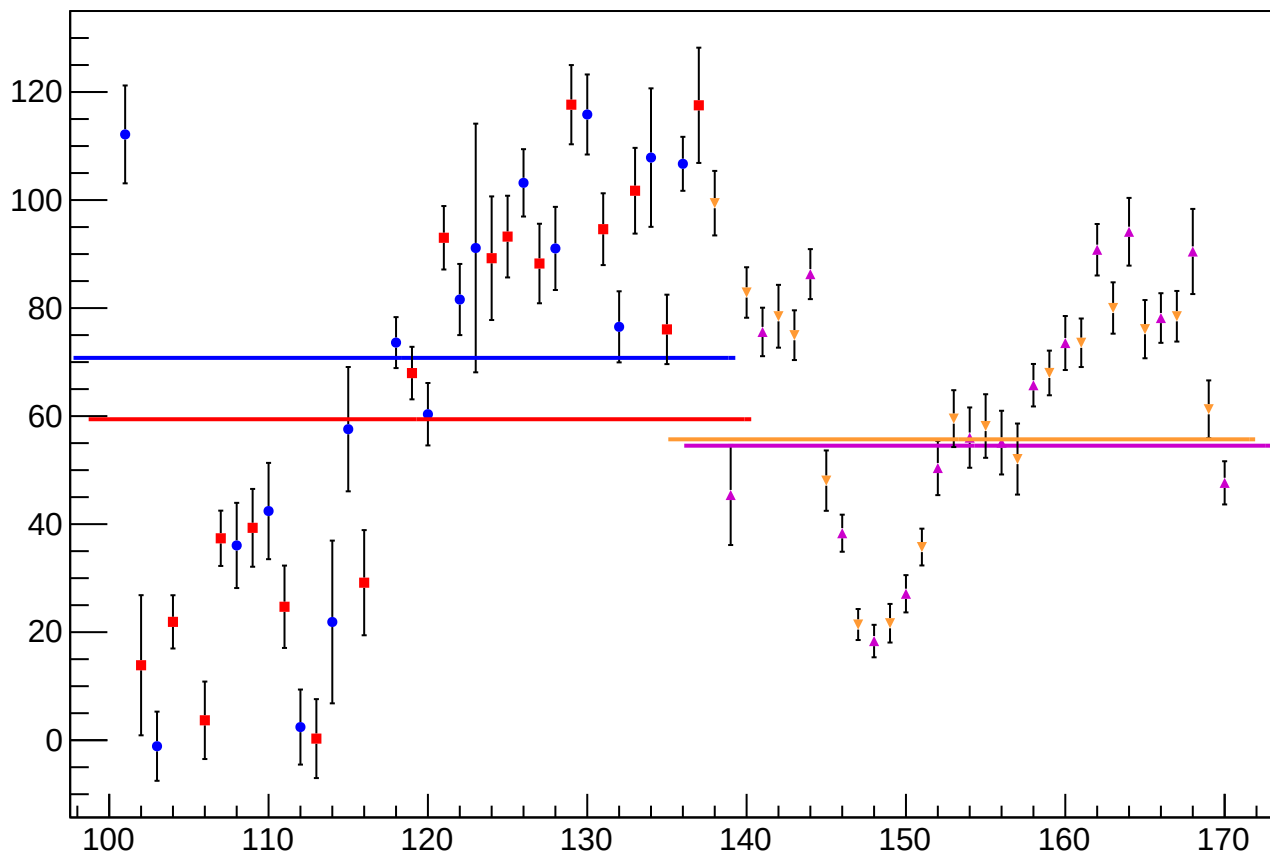
Right: 357.739 $\pm$ 1.880 χ^2/NDF : 5882.3/34

In: 288.566 $\pm$ 1.208 χ^2/NDF : 4417.8/32

Out: 287.053 $\pm$ 1.192 χ^2/NDF : 4856.4/34

All: 287.799 $\pm$ 0.849 χ^2/NDF : 9275.0/67

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: 55.703 $\pm$ 1.102 χ^2 /NDF: 480.8/16

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 54.525 $\pm$ 1.126 χ^2 /NDF: 471.5/15

Left: 55.127 $\pm$ 0.788 χ^2 /NDF: 952.9/32

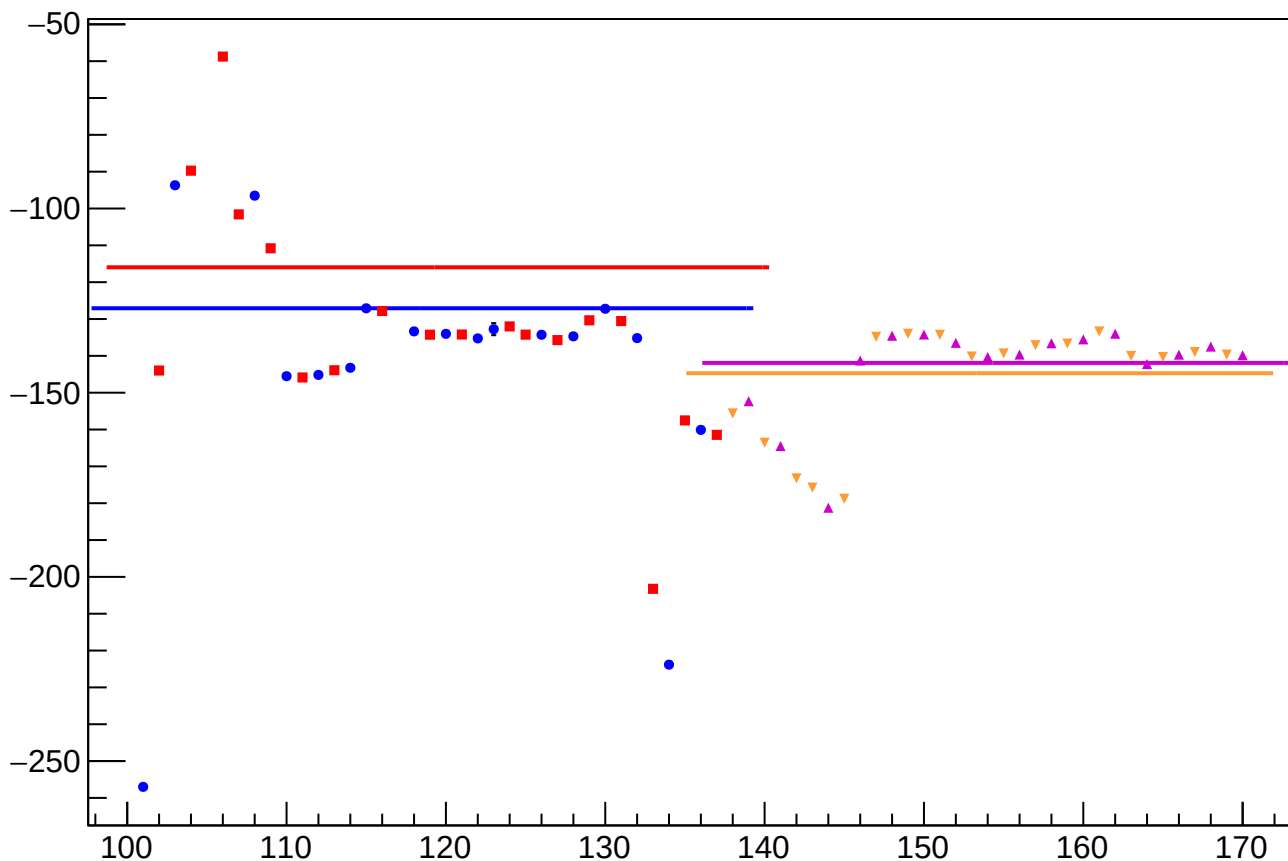
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 59.300 $\pm$ 0.947 χ^2 /NDF: 956.6/32

Out: 56.867 $\pm$ 0.913 χ^2 /NDF: 971.0/34

All: 58.040 $\pm$ 0.657 χ^2 /NDF: 1931.0/67

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: -144.721±/0.054 χ^2 /NDF:71005.6/16

Right Out: -115.959±/0.083 χ^2 /NDF: 158983.0/17

Left In: -141.910±/0.053 χ^2 /NDF:43993.5/15

Left: -143.300±/0.038 χ^2 /NDF: 116367.2/32

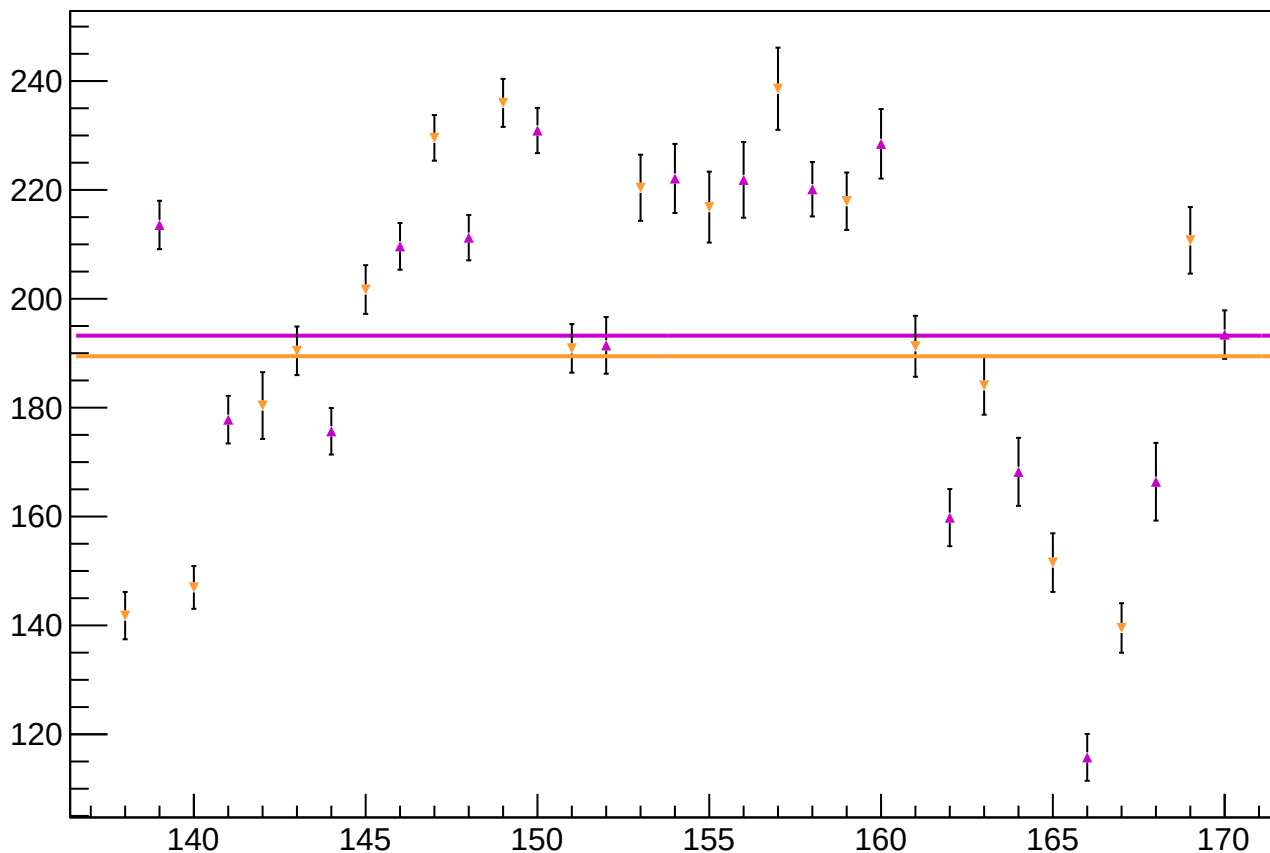
Right: -121.099±/0.061 χ^2 /NDF: 334303.0/34

In: -138.014±/0.046 χ^2 /NDF:231266.2/32

Out: -136.166±/0.045 χ^2 /NDF:314320.4/34

All: -137.078±/0.032 χ^2 /NDF: 546408.2/67

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: 189.452+/-1.210 χ^2/NDF : 747.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Left: 191.307+/-0.863 χ^2/NDF : 1410.6/32

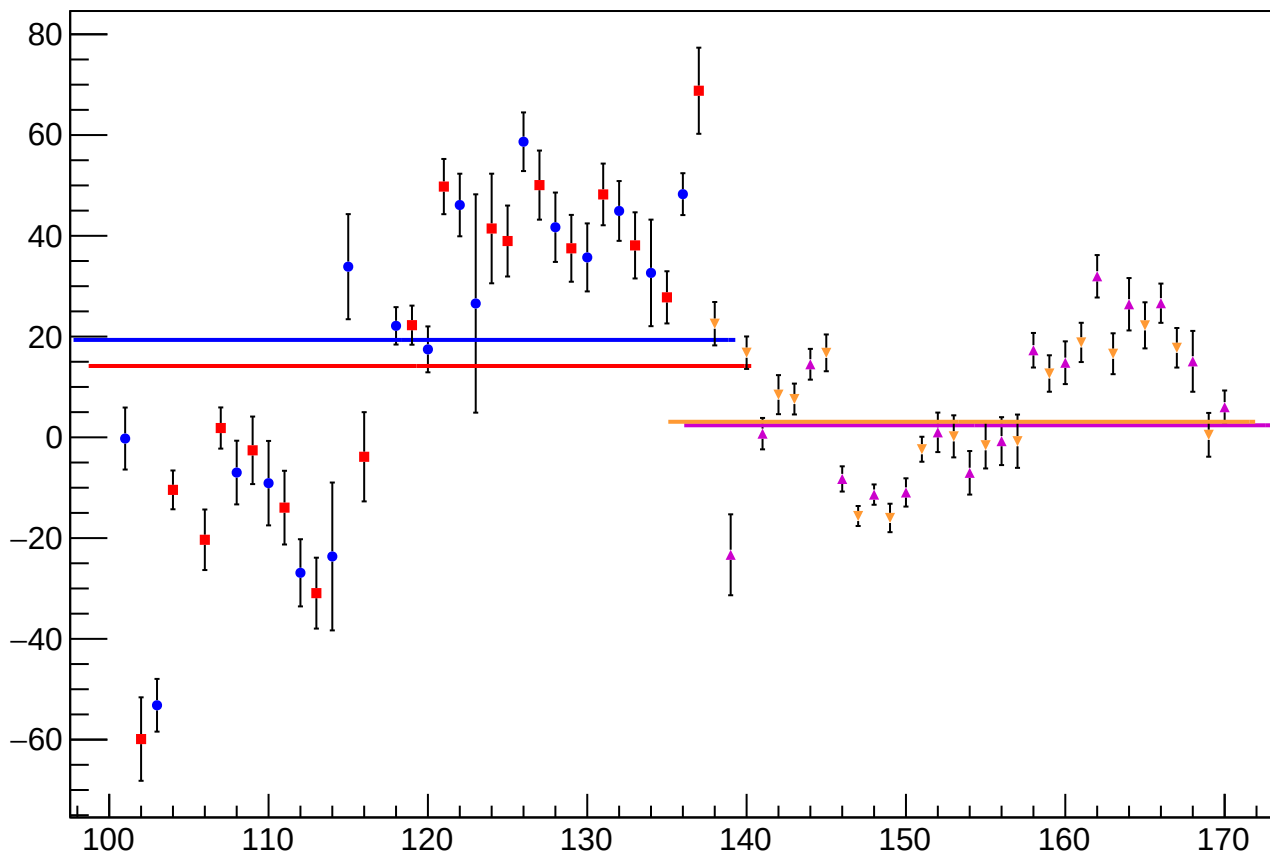
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Out: 189.452+/-1.210 χ^2/NDF : 747.8/16

All: 191.307+/-0.863 χ^2/NDF : 1410.6/32

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: 3.091 ± 0.831 $\chi^2/\text{NDF}: 264.3/16$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: 2.392 ± 0.864 $\chi^2/\text{NDF}: 261.1/15$

Left: 2.755 ± 0.599 $\chi^2/\text{NDF}: 525.7/32$

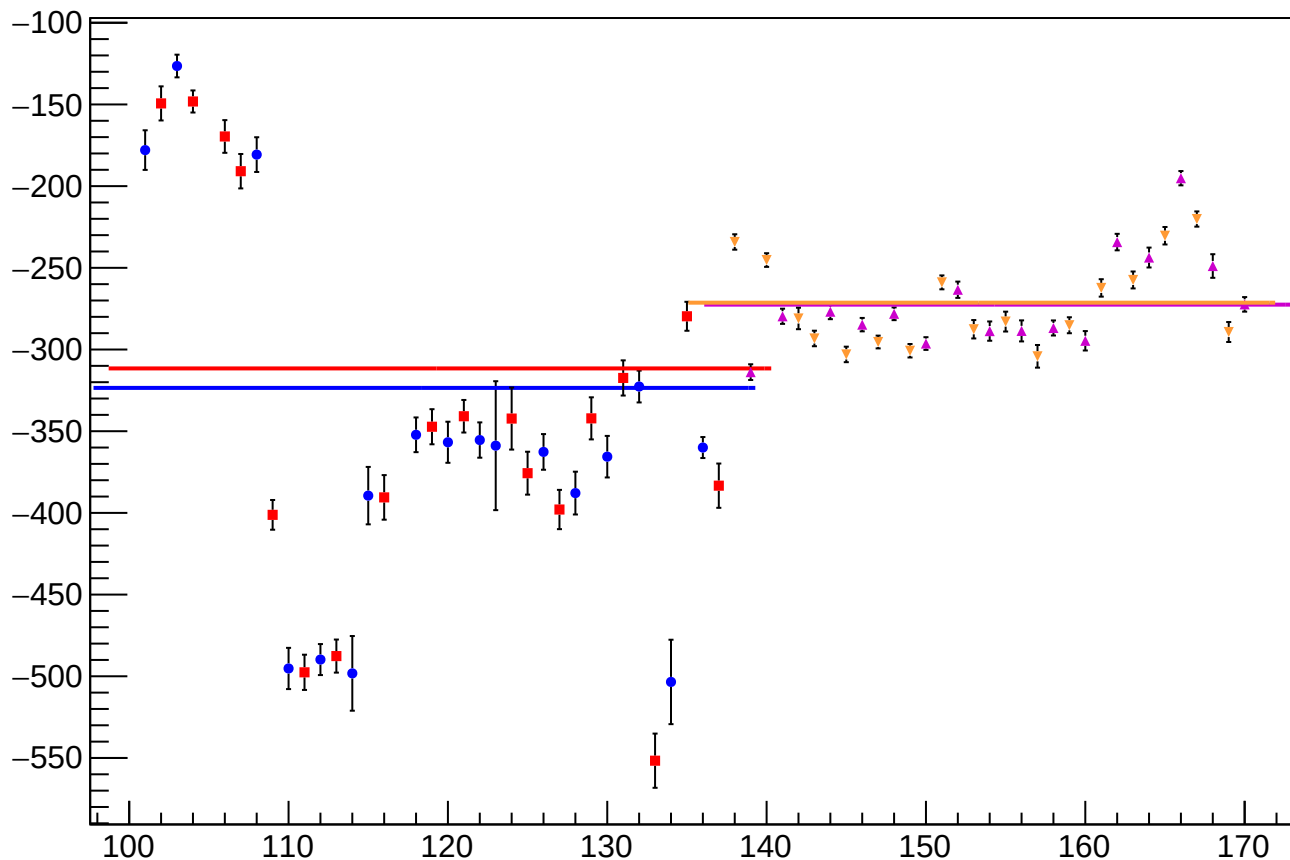
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 6.690 ± 0.747 $\chi^2/\text{NDF}: 798.4/32$

Out: 6.001 ± 0.713 $\chi^2/\text{NDF}: 737.0/34$

All: 6.330 ± 0.516 $\chi^2/\text{NDF}: 1535.9/67$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 $\pm$ 2.673 χ^2 /NDF: 1847.6/16

Left Out: -271.327 $\pm$ 1.200 χ^2 /NDF:506.5/16

Right Out: -311.573 $\pm$ 2.527 χ^2 /NDF: 2243.8/17

Left In: -272.534 $\pm$ 1.208 χ^2 /NDF:568.8/15

Left: -271.926 $\pm$ 0.851 χ^2 /NDF: 1075.8/32

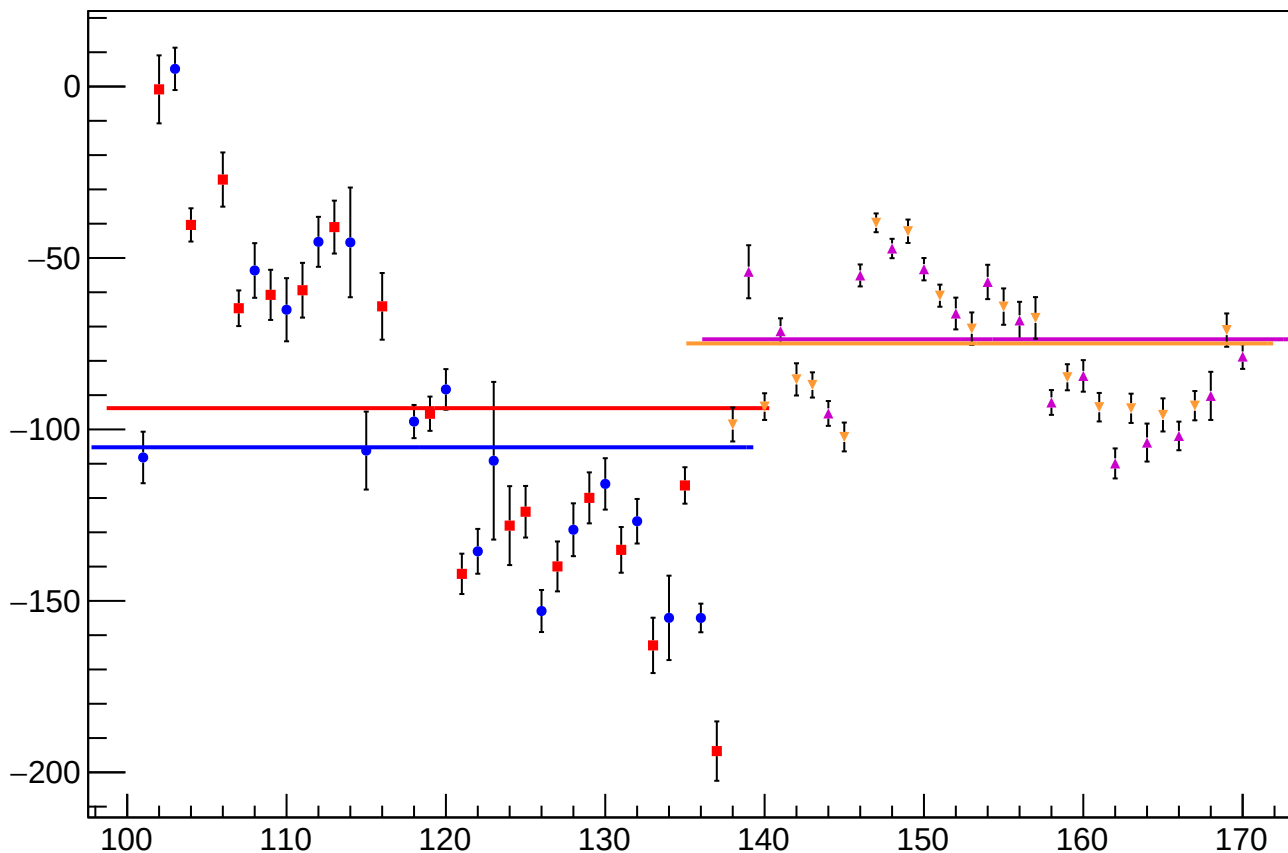
Right: -317.199 $\pm$ 1.836 χ^2 /NDF: 4101.9/34

In: -281.183 $\pm$ 1.101 χ^2 /NDF:2718.2/32

Out: -278.732 $\pm$ 1.084 χ^2 /NDF:2957.3/34

All: -279.938 $\pm$ 0.772 χ^2 /NDF: 5678.0/67

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: -74.922 ± 0.987 χ^2/NDF : 468.9/16

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -73.712 ± 1.018 χ^2/NDF : 401.0/15

Left: -74.335 ± 0.708 χ^2/NDF : 870.6/32

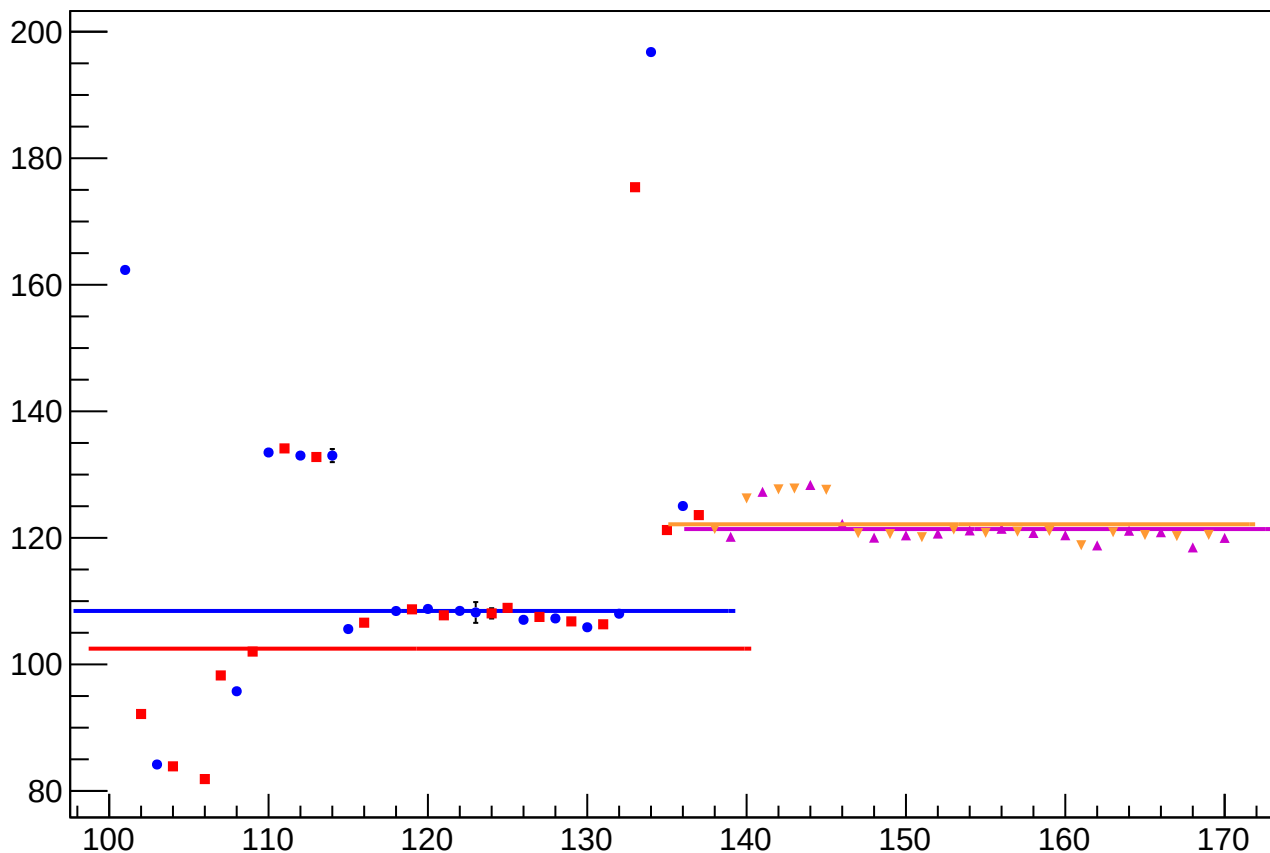
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -82.044 ± 0.873 χ^2/NDF : 1390.0/32

Out: -80.068 ± 0.841 χ^2/NDF : 1384.1/34

All: -81.020 ± 0.606 χ^2/NDF : 2776.7/67

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: 122.146 +/- 0.048 χ^2/NDF : 3575.3/16

Right Out: 102.490 +/- 0.080 χ^2/NDF : 52909.2/17

Left In: 121.390 +/- 0.048 χ^2/NDF : 2779.1/15

Left: 121.768 +/- 0.034 χ^2/NDF : 6478.2/32

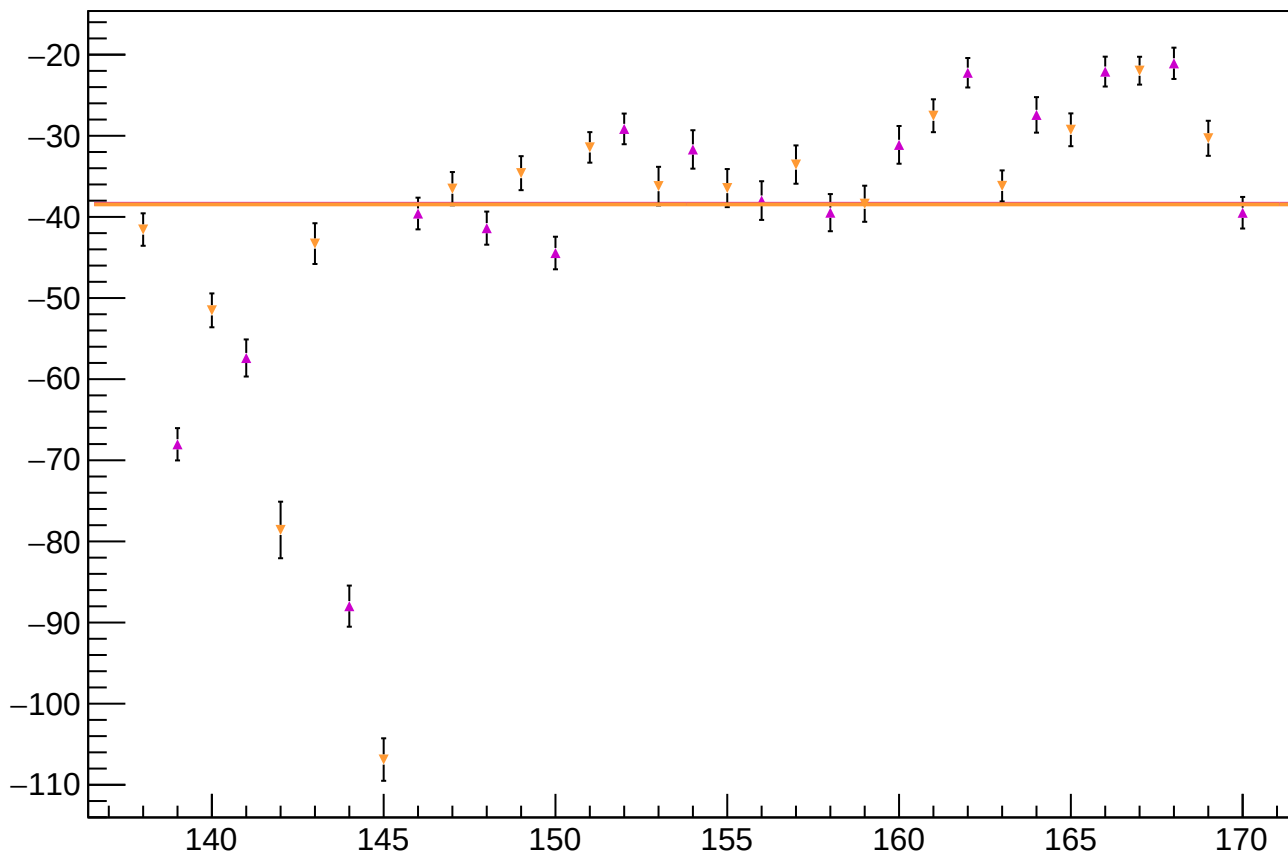
Right: 105.281 +/- 0.058 χ^2/NDF : 128799.0/34

In: 118.248 +/- 0.042 χ^2/NDF : 93683.9/32

Out: 116.896 +/- 0.041 χ^2/NDF : 101172.7/34

All: 117.561 +/- 0.029 χ^2/NDF : 195388.0/67

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



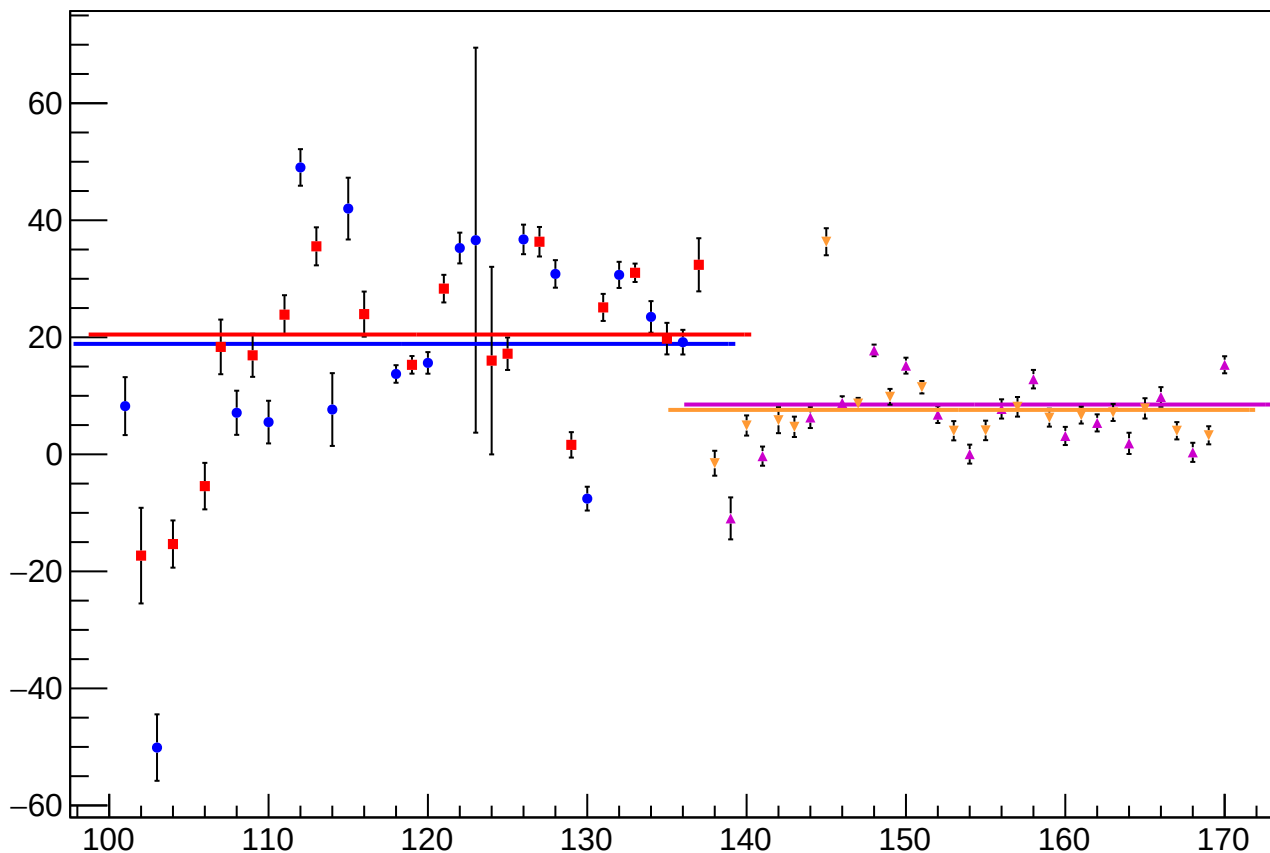
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.449+/-0.522 χ^2/NDF :1042.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.391+/-0.520 χ^2/NDF :990.5/15

Left: -38.420+/-0.368 χ^2/NDF : 2032.6/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.391+/-0.520 χ^2/NDF :990.5/15
 Out: -38.449+/-0.522 χ^2/NDF :1042.1/16

All: -38.420+/-0.368 χ^2/NDF : 2032.6/32

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 7.593 ± 0.367 $\chi^2/\text{NDF}: 220.2/16$

Right Out: 20.474 ± 0.644 $\chi^2/\text{NDF}: 362.4/17$

Left In: 8.511 ± 0.375 $\chi^2/\text{NDF}: 284.5/15$

Left: 8.042 ± 0.262 $\chi^2/\text{NDF}: 507.8/32$

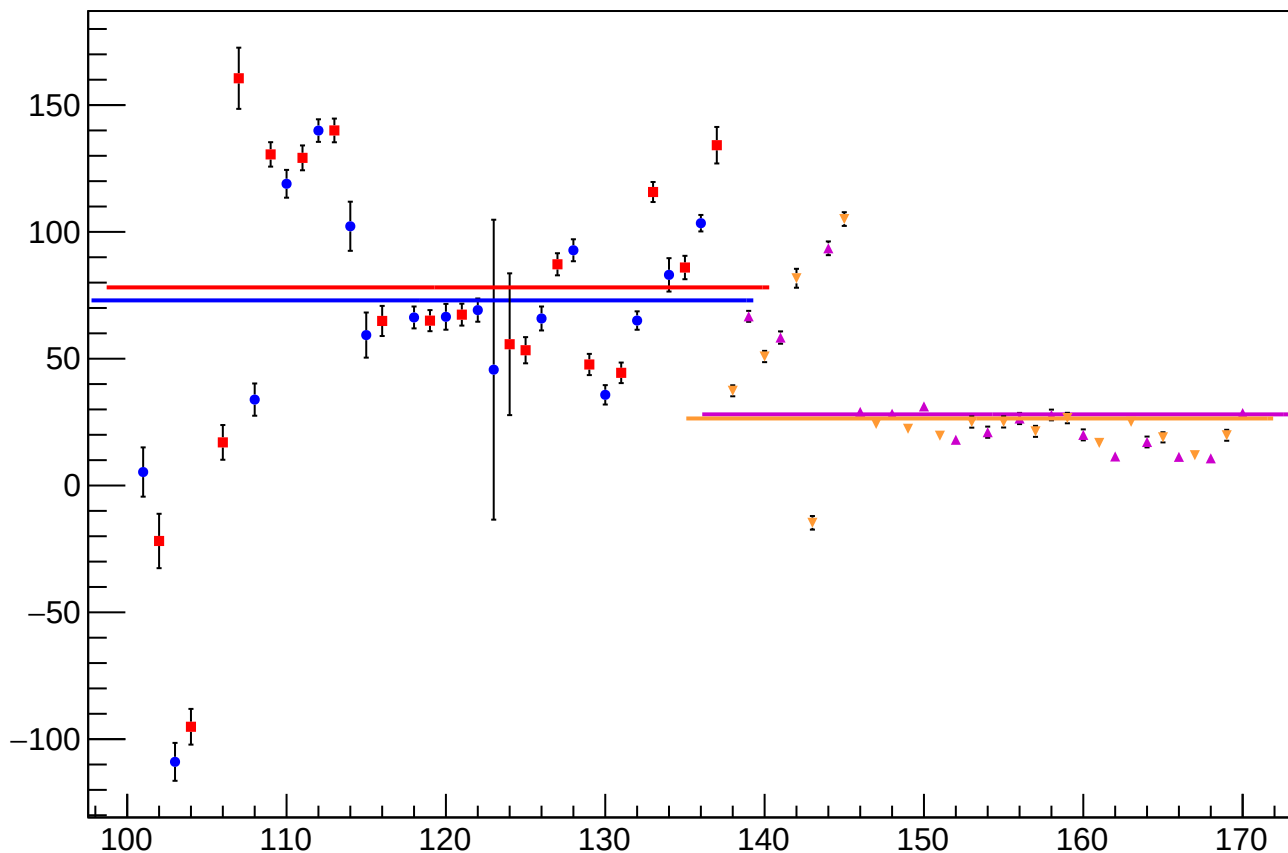
Right: 19.676 ± 0.455 $\chi^2/\text{NDF}: 986.0/34$

In: 11.133 ± 0.324 $\chi^2/\text{NDF}: 1098.3/32$

Out: 10.748 ± 0.319 $\chi^2/\text{NDF}: 885.1/34$

All: 10.937 ± 0.227 $\chi^2/\text{NDF}: 1984.1/67$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 26.436 $\pm$ 0.512 χ^2 /NDF:1589.4/16

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 28.049 $\pm$ 0.508 χ^2 /NDF:1393.5/15

Left: 27.249 $\pm$ 0.361 χ^2 /NDF: 2987.9/32

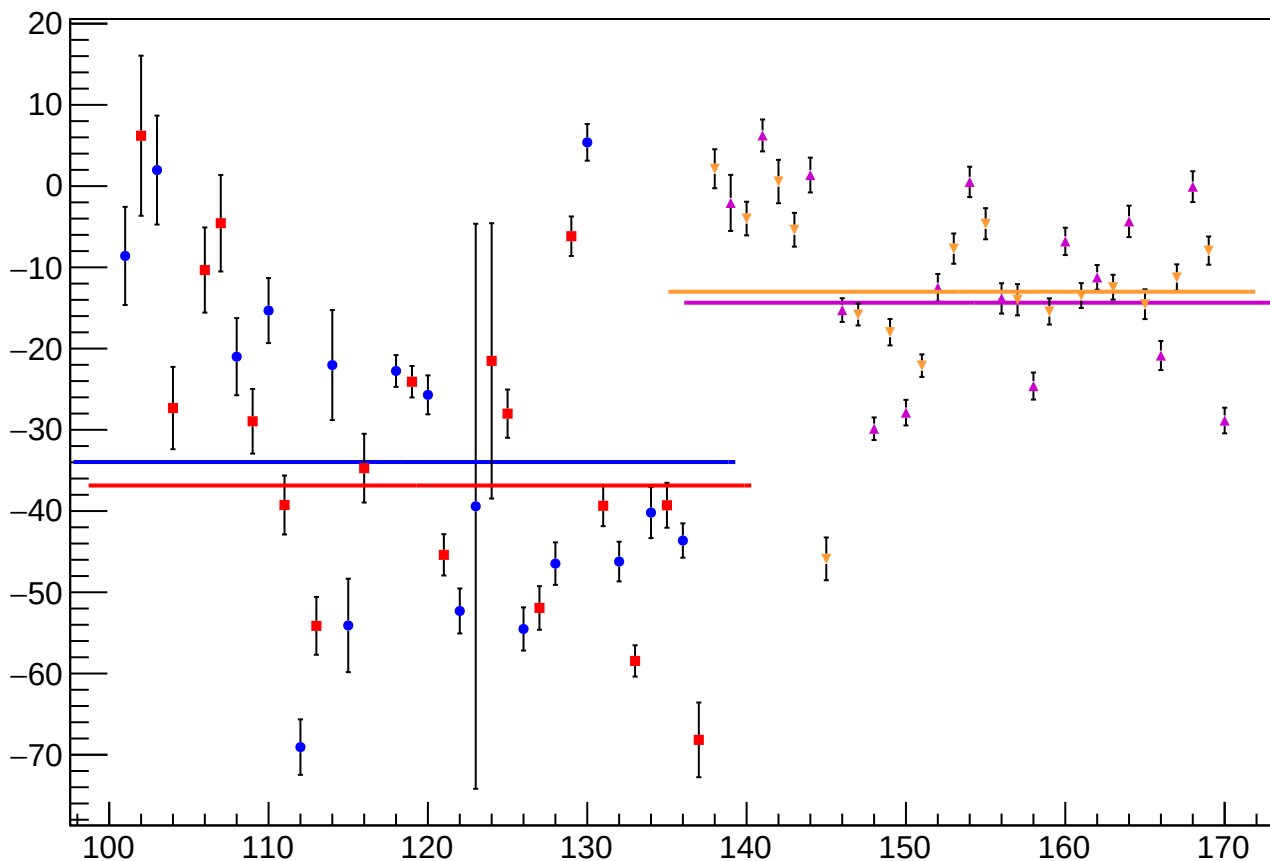
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 34.601 $\pm$ 0.470 χ^2 /NDF:3739.4/32

Out: 34.142 $\pm$ 0.473 χ^2 /NDF:4653.6/34

All: 34.373 $\pm$ 0.333 χ^2 /NDF: 8393.5/67

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: -12.999 ± 0.428 χ^2/NDF : 351.2/16

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.350 ± 0.435 χ^2/NDF : 683.0/15

Left: -13.663 ± 0.305 χ^2/NDF : 1039.1/32

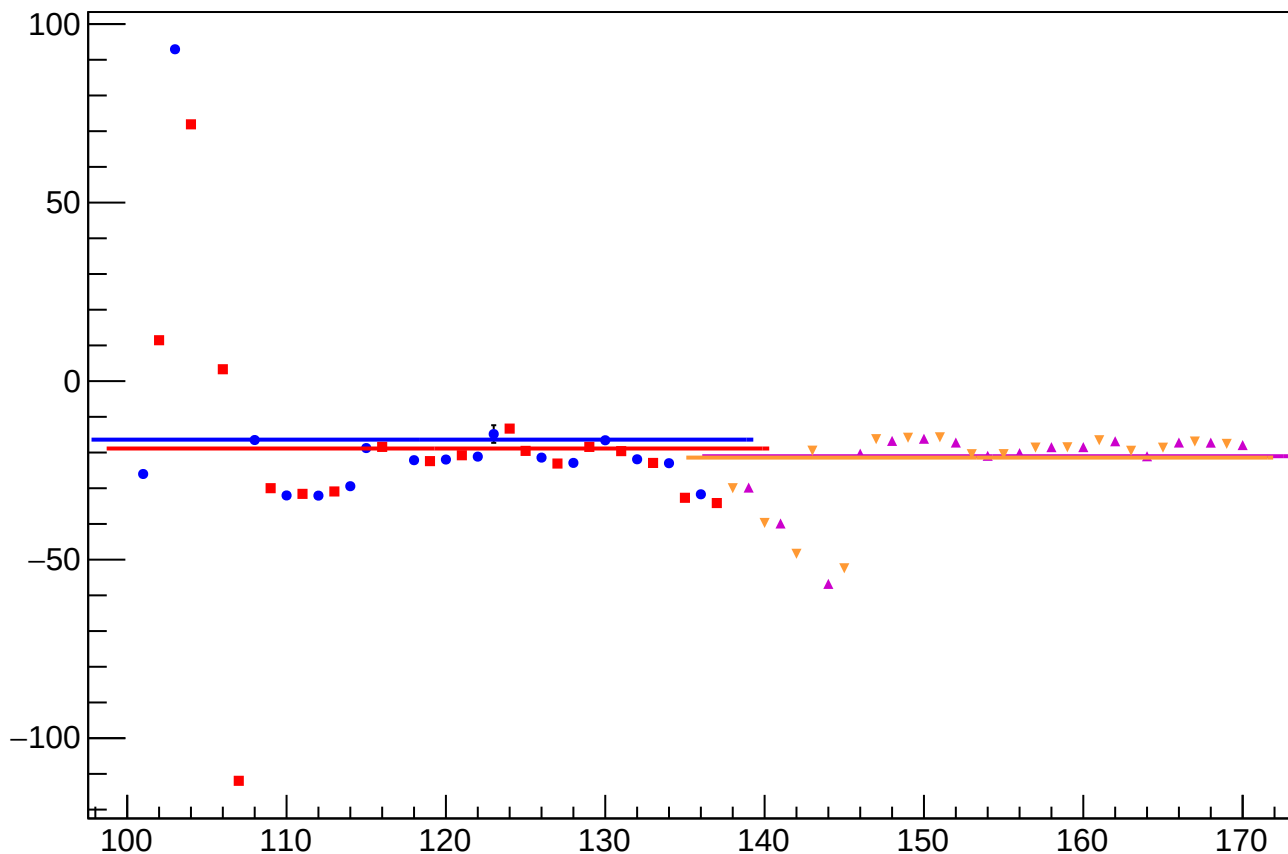
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -19.417 ± 0.375 χ^2/NDF : 1929.4/32

Out: -19.013 ± 0.370 χ^2/NDF : 1670.3/34

All: -19.212 ± 0.263 χ^2/NDF : 3600.3/67

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: -21.417 ± 0.020 $\chi^2/\text{NDF}: 191332.0/16$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -21.029 ± 0.020 $\chi^2/\text{NDF}: 162745.6/15$

Left: -21.221 ± 0.014 $\chi^2/\text{NDF}: 354264.8/32$

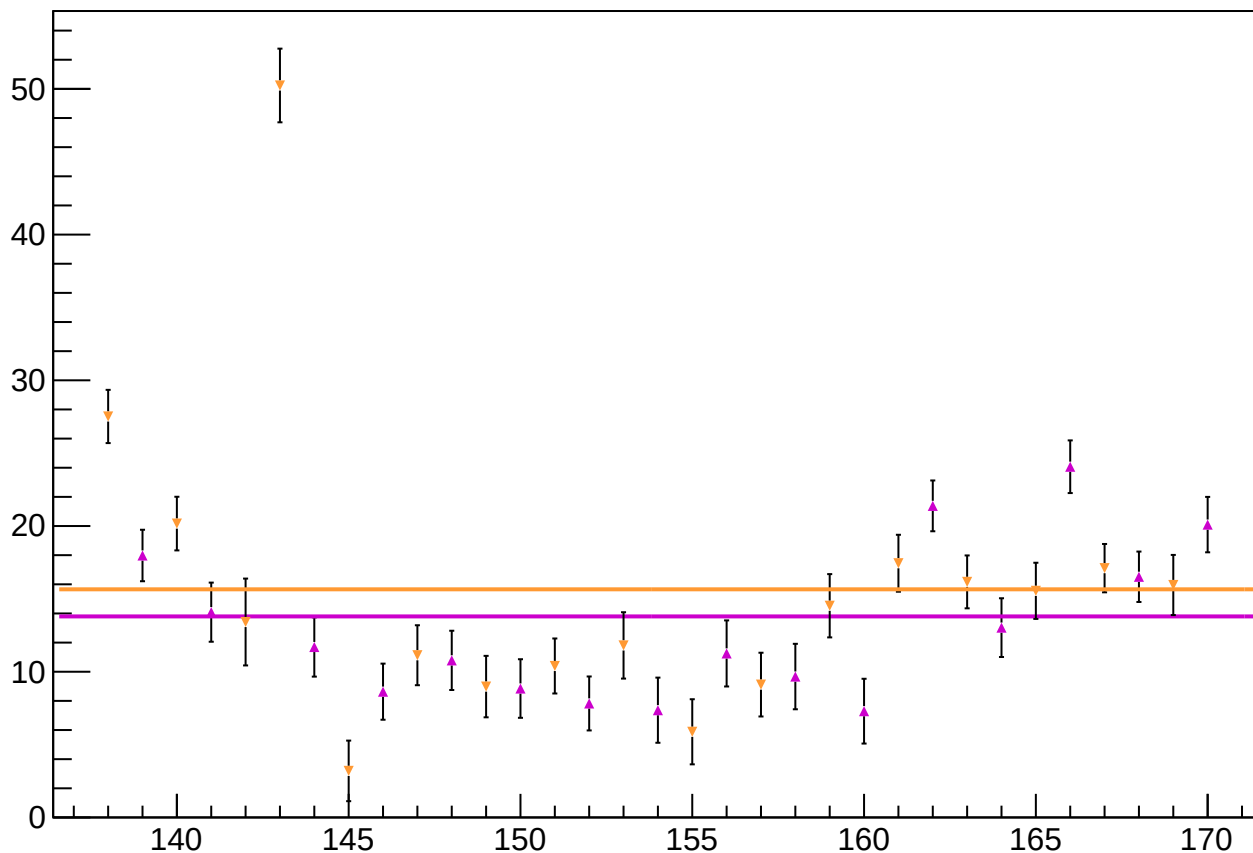
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.255 ± 0.018 $\chi^2/\text{NDF}: 646129.2/32$

Out: -20.998 ± 0.018 $\chi^2/\text{NDF}: 627338.2/34$

All: -20.622 ± 0.013 $\chi^2/\text{NDF}: 1274292.6/67$

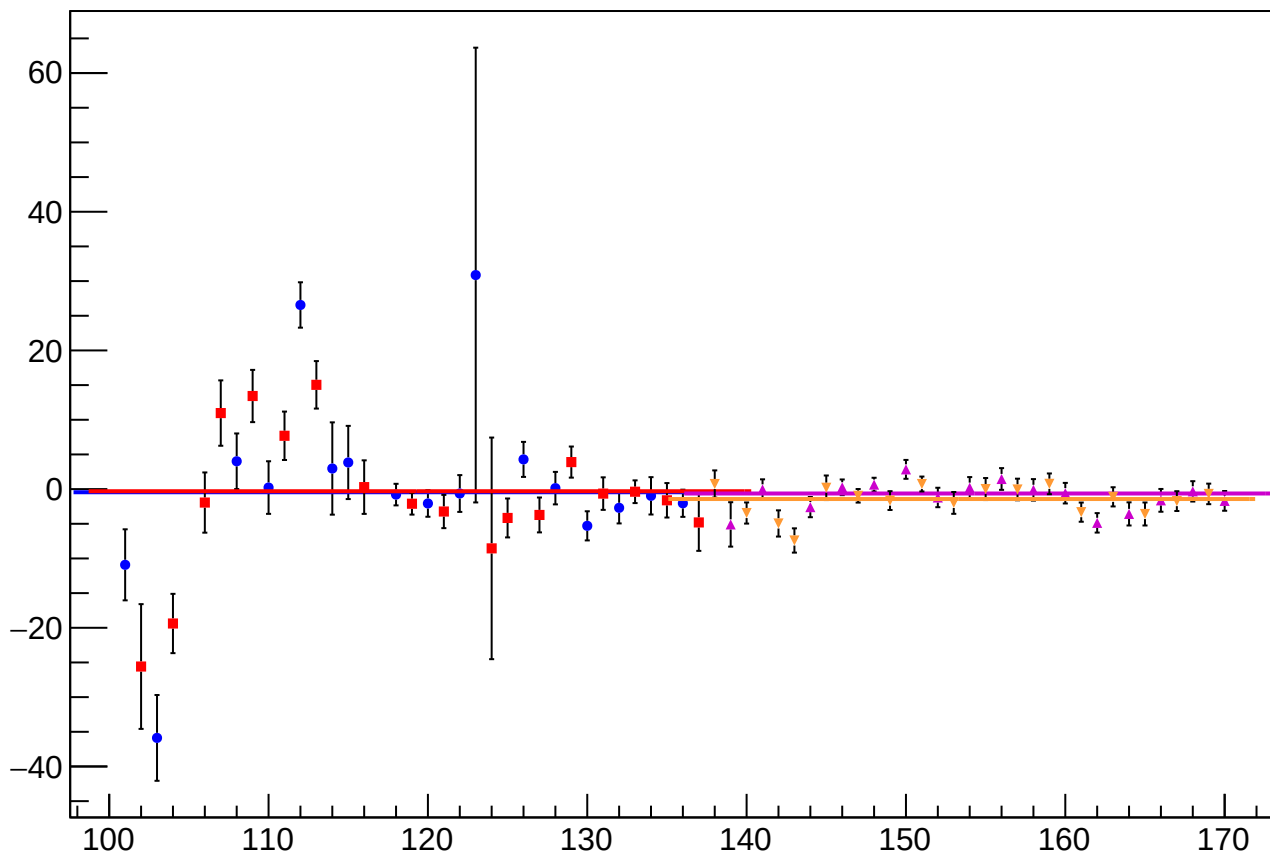
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.656+/-0.495 χ^2/NDF :327.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.797+/-0.491 χ^2/NDF :118.9/15

Left: 14.720+/-0.349 χ^2/NDF : 453.3/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.797+/-0.491 χ^2/NDF :118.9/15
 Out: 15.656+/-0.495 χ^2/NDF :327.3/16
 All: 14.720+/-0.349 χ^2/NDF : 453.3/32

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: -1.430 ± 0.352 χ^2/NDF : 31.1/16

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.632 ± 0.358 χ^2/NDF : 28.3/15

Left: -1.038 ± 0.251 χ^2/NDF : 61.9/32

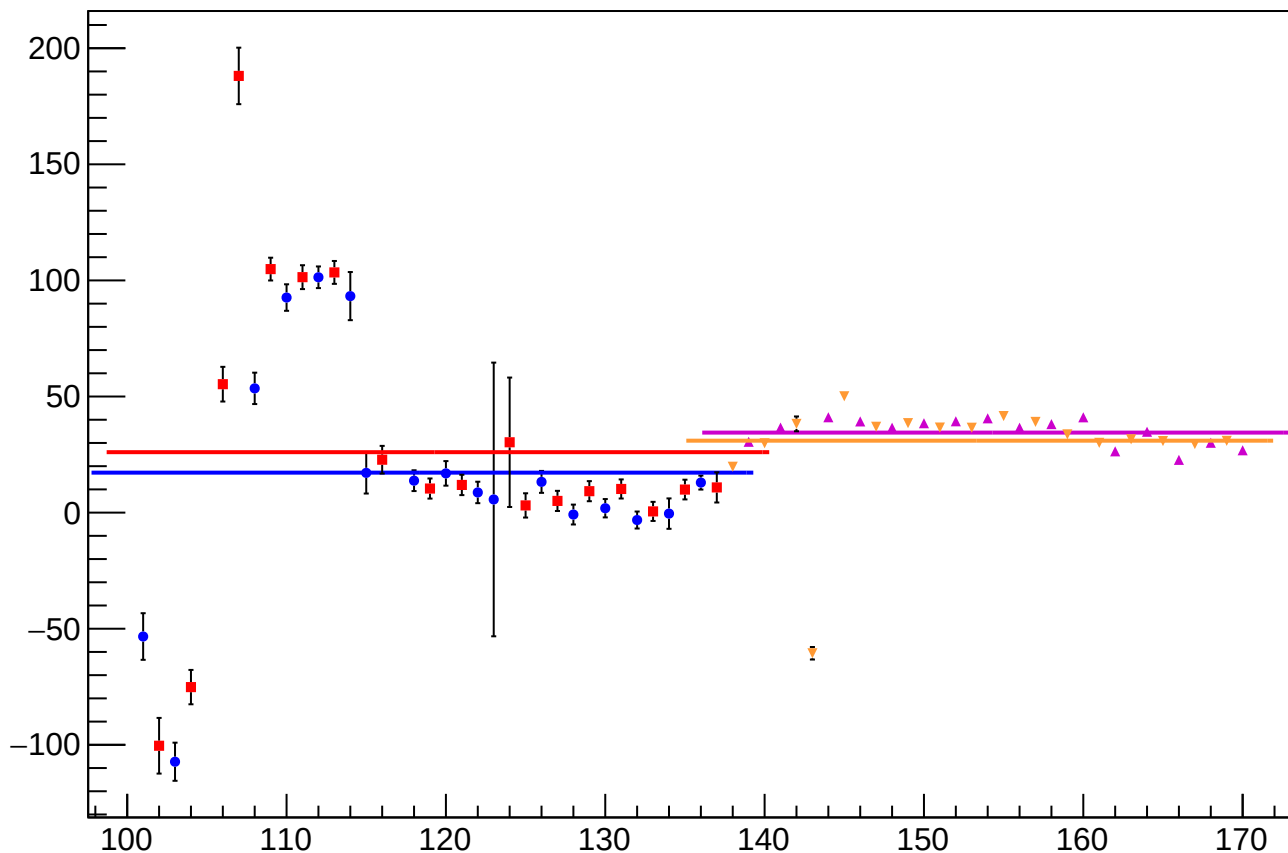
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.590 ± 0.314 χ^2/NDF : 147.9/32

Out: -1.180 ± 0.310 χ^2/NDF : 117.5/34

All: -0.889 ± 0.221 χ^2/NDF : 267.1/67

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



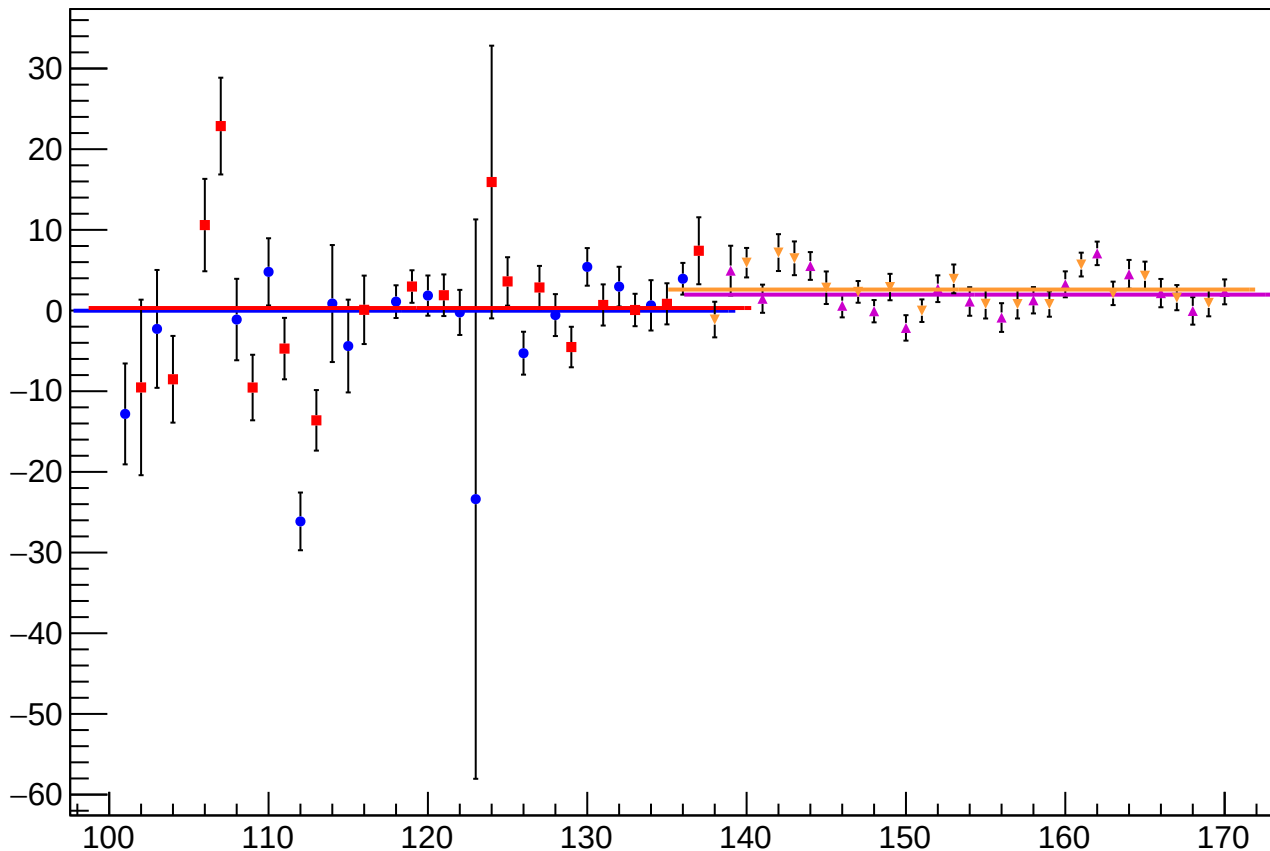
Left: 32.743 ± 0.343 $\chi^2/\text{NDF}: 1522.9/32$
 Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$
 Left Out: 30.984 ± 0.487 $\chi^2/\text{NDF}: 1353.3/16$
 Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$
 Left In: 34.463 ± 0.482 $\chi^2/\text{NDF}: 143.9/15$

In: 32.203 ± 0.449 $\chi^2/\text{NDF}: 1251.8/32$
 Out: 30.325 ± 0.454 $\chi^2/\text{NDF}: 2733.0/34$

All: 31.274 ± 0.319 $\chi^2/\text{NDF}: 3993.5/67$

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: 2.602 ± 0.409 χ^2/NDF : 27.9/16

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.972 ± 0.415 χ^2/NDF : 34.8/15

Left: 2.292 ± 0.291 χ^2/NDF : 63.9/32

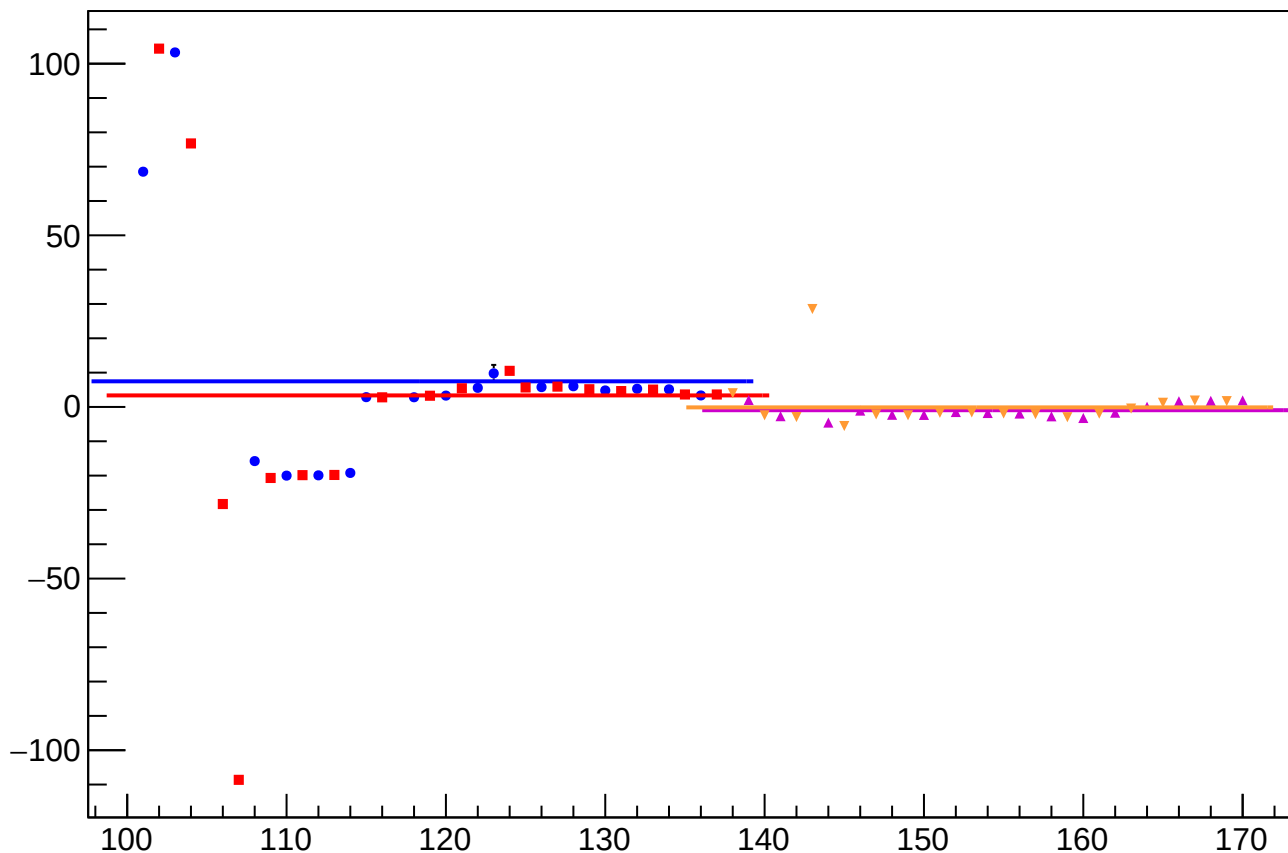
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.500 ± 0.362 χ^2/NDF : 116.1/32

Out: 2.076 ± 0.359 χ^2/NDF : 89.2/34

All: 1.791 ± 0.255 χ^2/NDF : 206.6/67

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: -0.128+/-0.019 χ^2/NDF : 85629.4/16

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -0.948+/-0.019 χ^2/NDF : 10854.5/15

Left: -0.543+/-0.013 χ^2/NDF : 97420.4/32

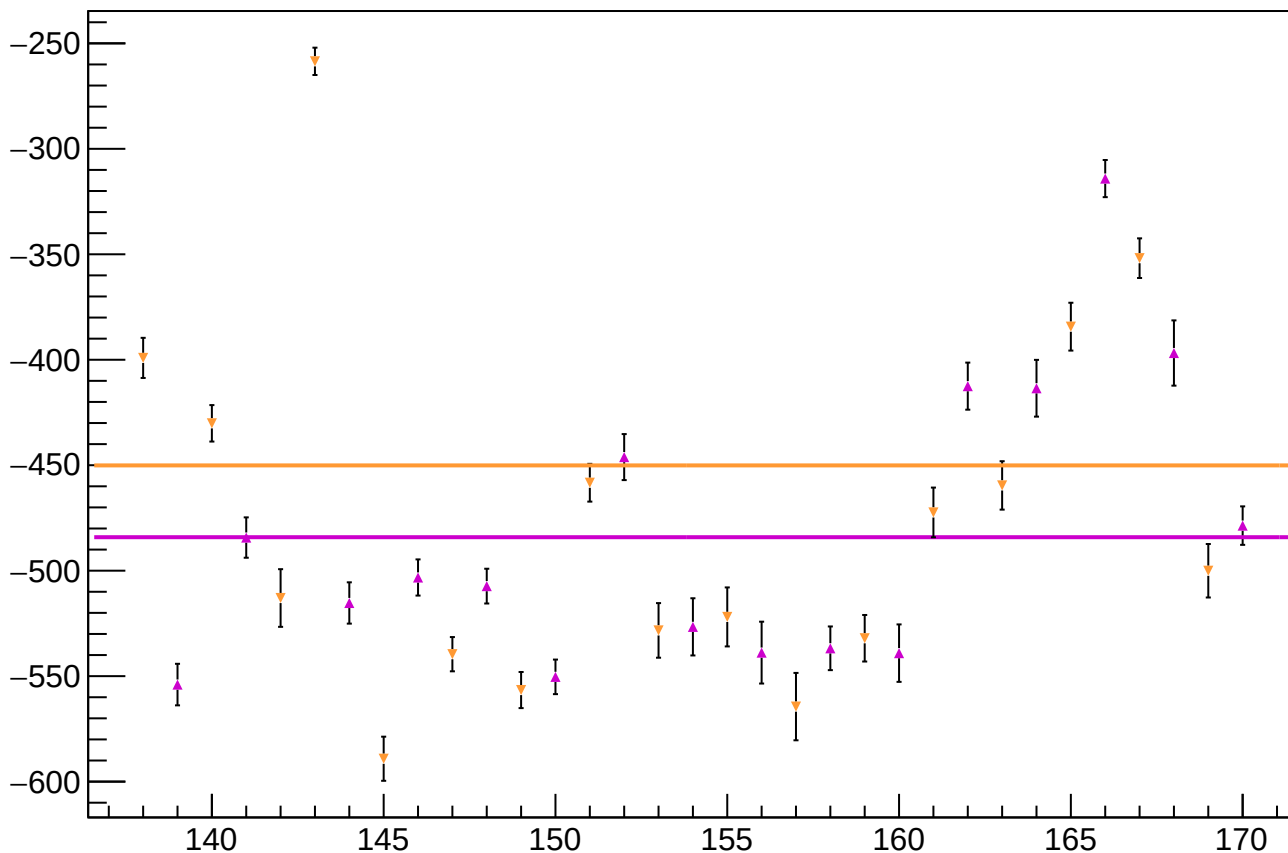
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.331+/-0.017 χ^2/NDF : 397108.2/32

Out: 0.392+/-0.018 χ^2/NDF : 595424.9/34

All: 0.361+/-0.012 χ^2/NDF : 992539.1/67

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: -450.088+/-2.444 χ^2/NDF :1715.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -484.127+/-2.576 χ^2/NDF :690.5/15

Left: -466.218+/-1.773 χ^2/NDF : 2498.3/32

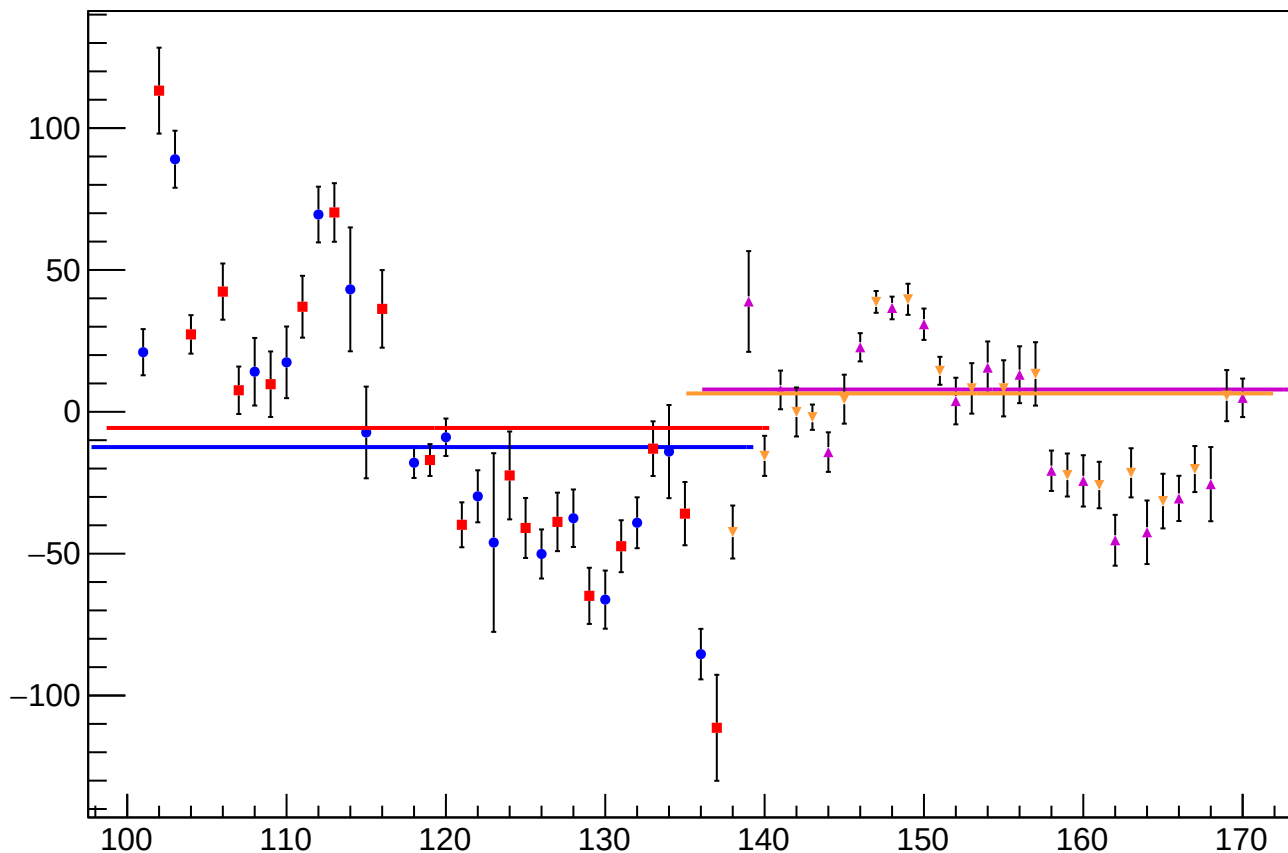
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -484.127+/-2.576 χ^2/NDF :690.5/15

Out: -450.088+/-2.444 χ^2/NDF :1715.9/16

All: -466.218+/-1.773 χ^2/NDF : 2498.3/32

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 7.110 ± 1.213 χ^2/NDF : 425.0/32

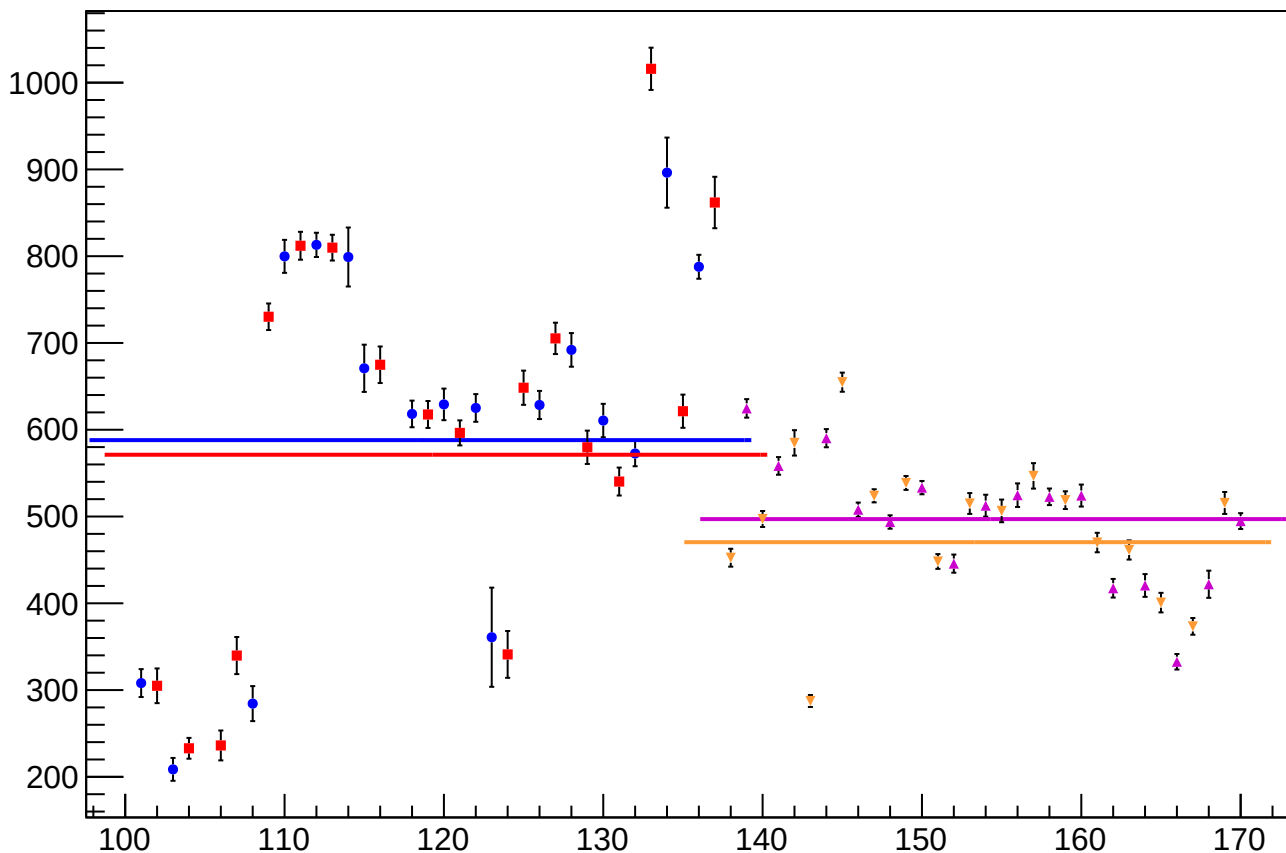
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 0.287 ± 1.414 χ^2/NDF : 595.0/32

Out: 2.238 ± 1.335 χ^2/NDF : 570.5/34

All: 1.318 ± 0.971 χ^2/NDF : 1166.5/67

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: 470.428 $\pm$ 2.427 χ^2 /NDF:1407.7/16

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 497.028 $\pm$ 2.521 χ^2 /NDF:772.7/15

Left: 483.220 $\pm$ 1.748 χ^2 /NDF: 2238.1/32

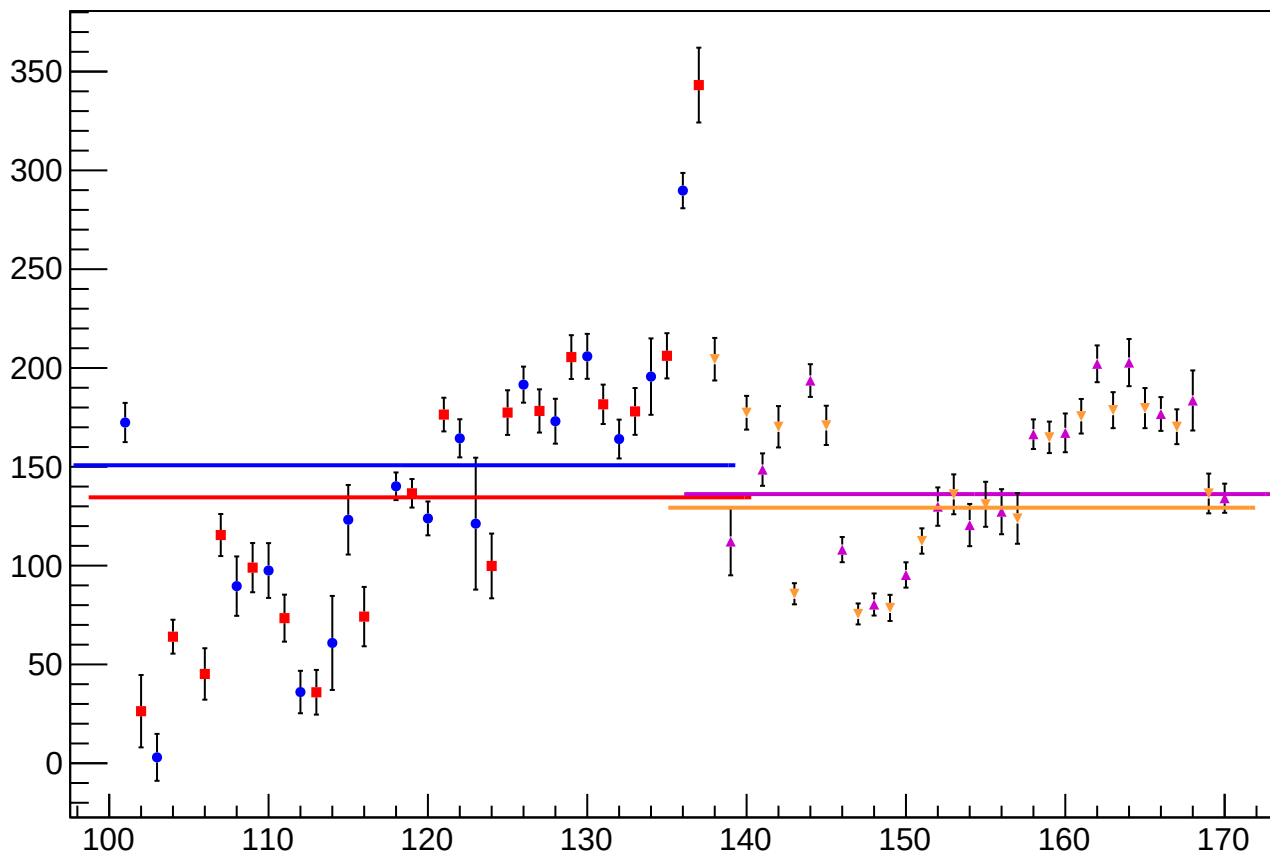
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 520.080 $\pm$ 2.179 χ^2 /NDF:3230.4/32

Out: 496.097 $\pm$ 2.095 χ^2 /NDF:4527.3/34

All: 507.618 $\pm$ 1.510 χ^2 /NDF: 7820.7/67

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: 129.309 $\pm$ 1.976 χ^2 /NDF: 472.6/16

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 136.186 $\pm$ 2.112 χ^2 /NDF: 355.8/15

Left: 132.518 $\pm$ 1.443 χ^2 /NDF: 834.1/32

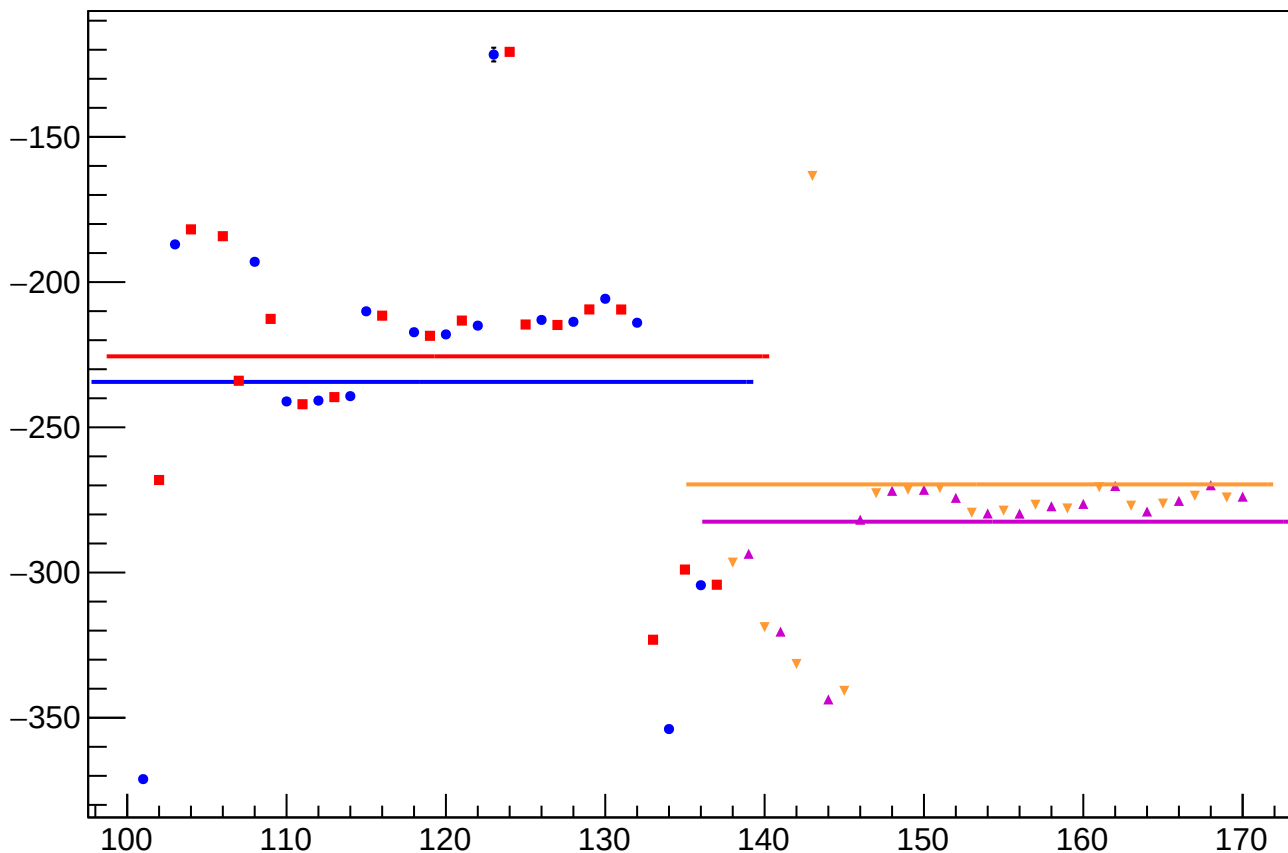
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 141.782 $\pm$ 1.659 χ^2 /NDF: 1007.2/32

Out: 131.209 $\pm$ 1.577 χ^2 /NDF: 1051.4/34

All: 136.229 $\pm$ 1.143 χ^2 /NDF: 2080.0/67

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: -269.646+/-0.098 χ^2/NDF : 205180.2/16

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -282.492+/-0.100 χ^2/NDF : 32508.6/15

Left: -275.884+/-0.070 χ^2/NDF : 246094.5/32

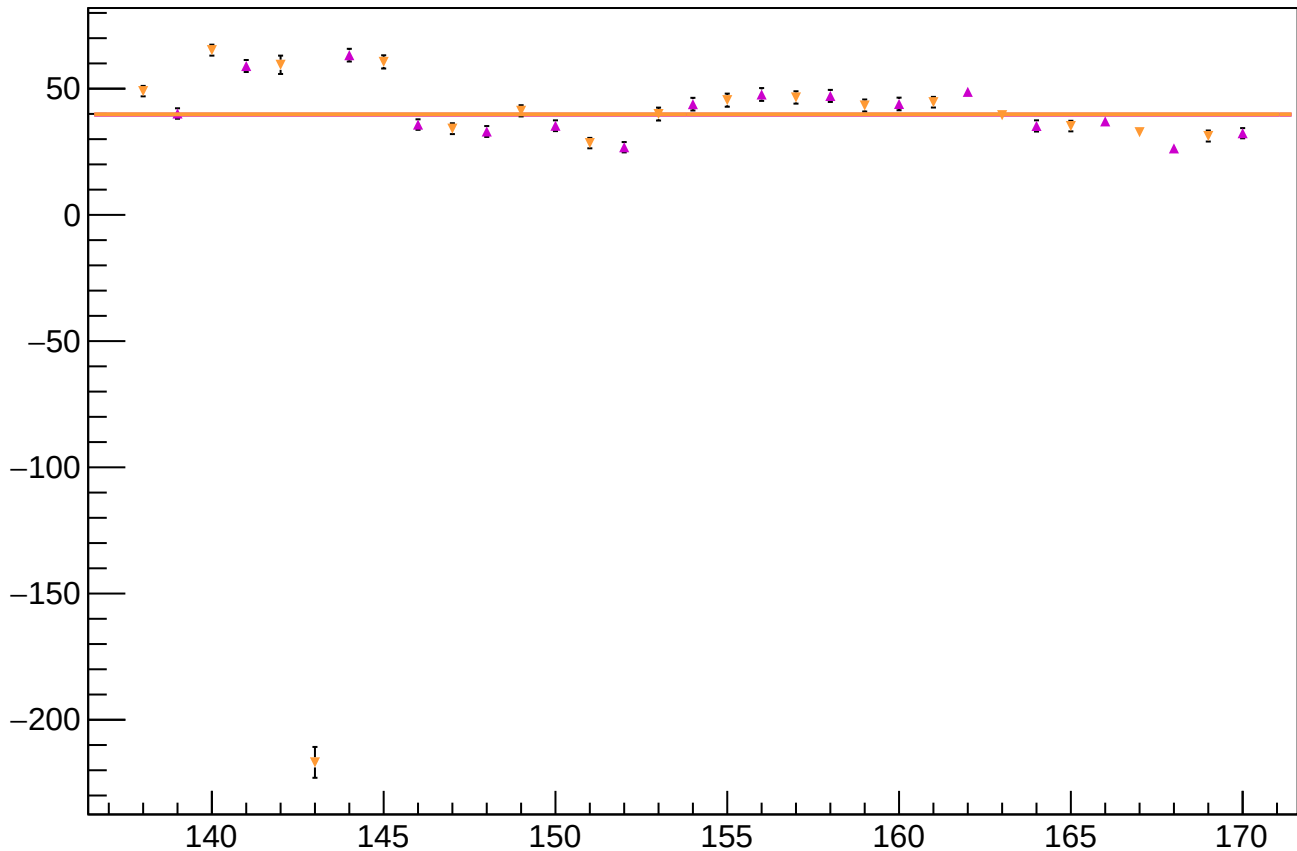
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -267.370+/-0.083 χ^2/NDF : 249738.1/32

Out: -255.485+/-0.080 χ^2/NDF : 363625.3/34

All: -261.225+/-0.058 χ^2/NDF : 623908.6/67

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: 39.842 $\pm$ 0.557 χ^2 /NDF:2107.3/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 39.711 $\pm$ 0.543 χ^2 /NDF:327.3/15

Left: 39.775 $\pm$ 0.389 χ^2 /NDF: 2434.6/32

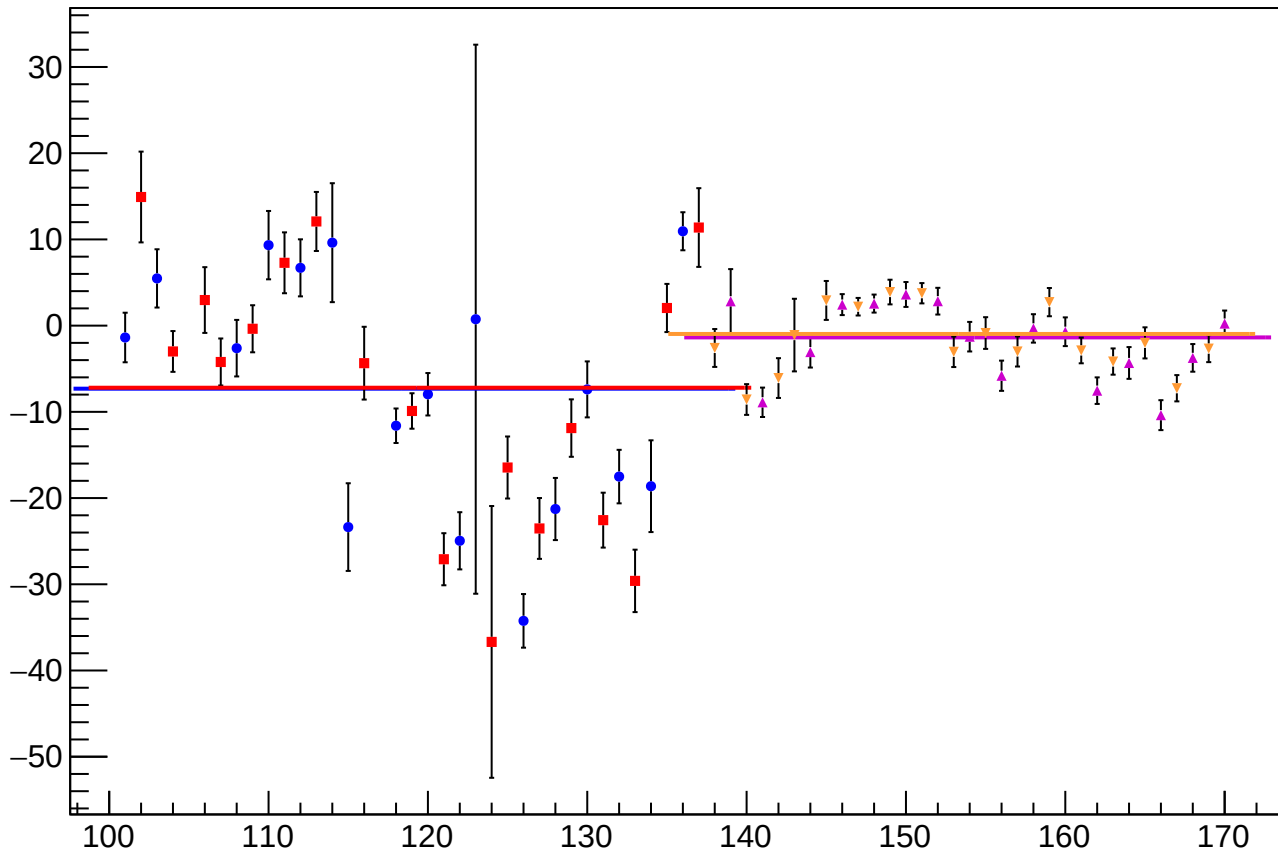
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 39.711 $\pm$ 0.543 χ^2 /NDF:327.3/15

Out: 39.842 $\pm$ 0.557 χ^2 /NDF:2107.3/16

All: 39.775 $\pm$ 0.389 χ^2 /NDF: 2434.6/32

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: -0.966 ± 0.393 χ^2/NDF : 96.4/16

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -1.366 ± 0.393 χ^2/NDF : 120.7/15

Left: -1.166 ± 0.278 χ^2/NDF : 217.6/32

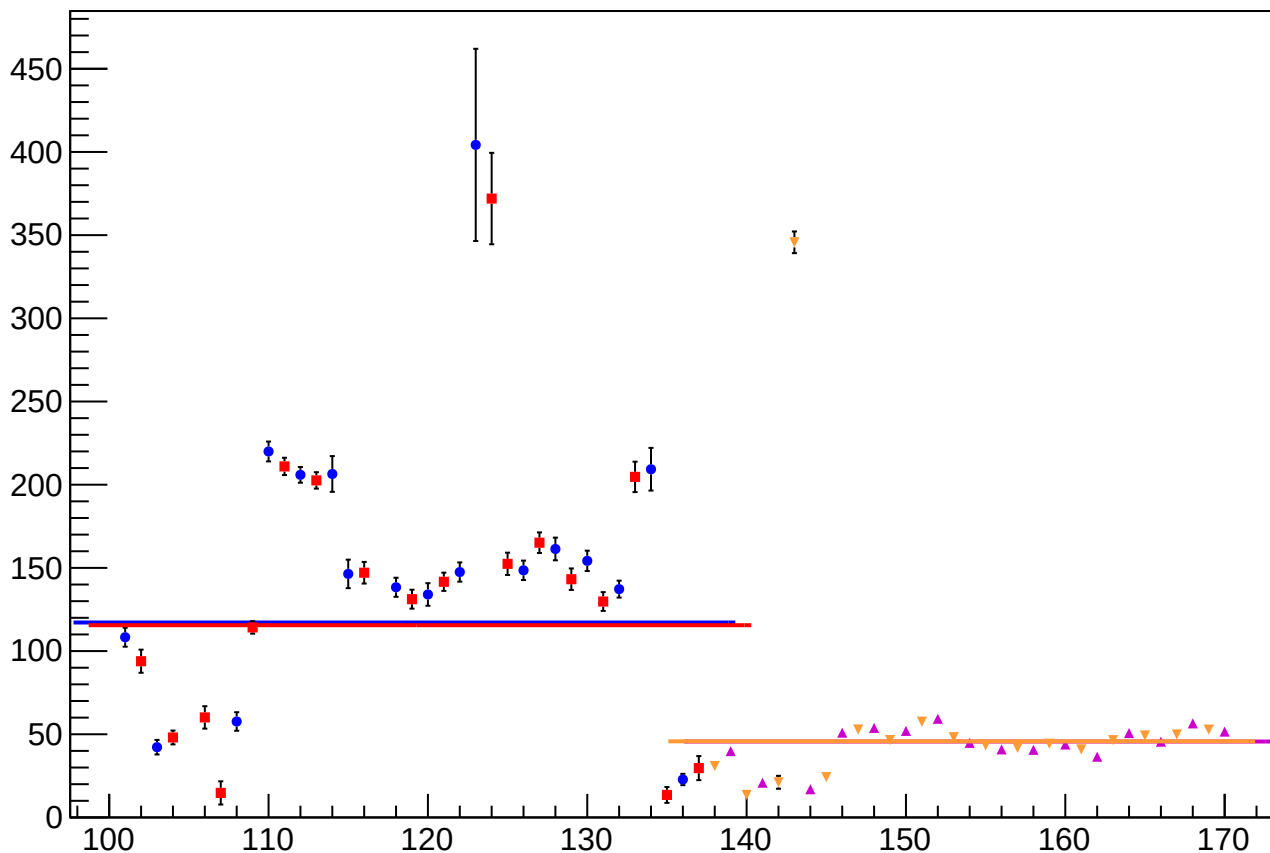
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.569 ± 0.351 χ^2/NDF : 446.1/32

Out: -2.276 ± 0.349 χ^2/NDF : 401.4/34

All: -2.421 ± 0.247 χ^2/NDF : 847.9/67

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 45.763 $\pm$ 0.546 χ^2 /NDF:2536.3/16

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 45.641 $\pm$ 0.531 χ^2 /NDF:379.5/15

Left: 45.701 $\pm$ 0.381 χ^2 /NDF: 2915.7/32

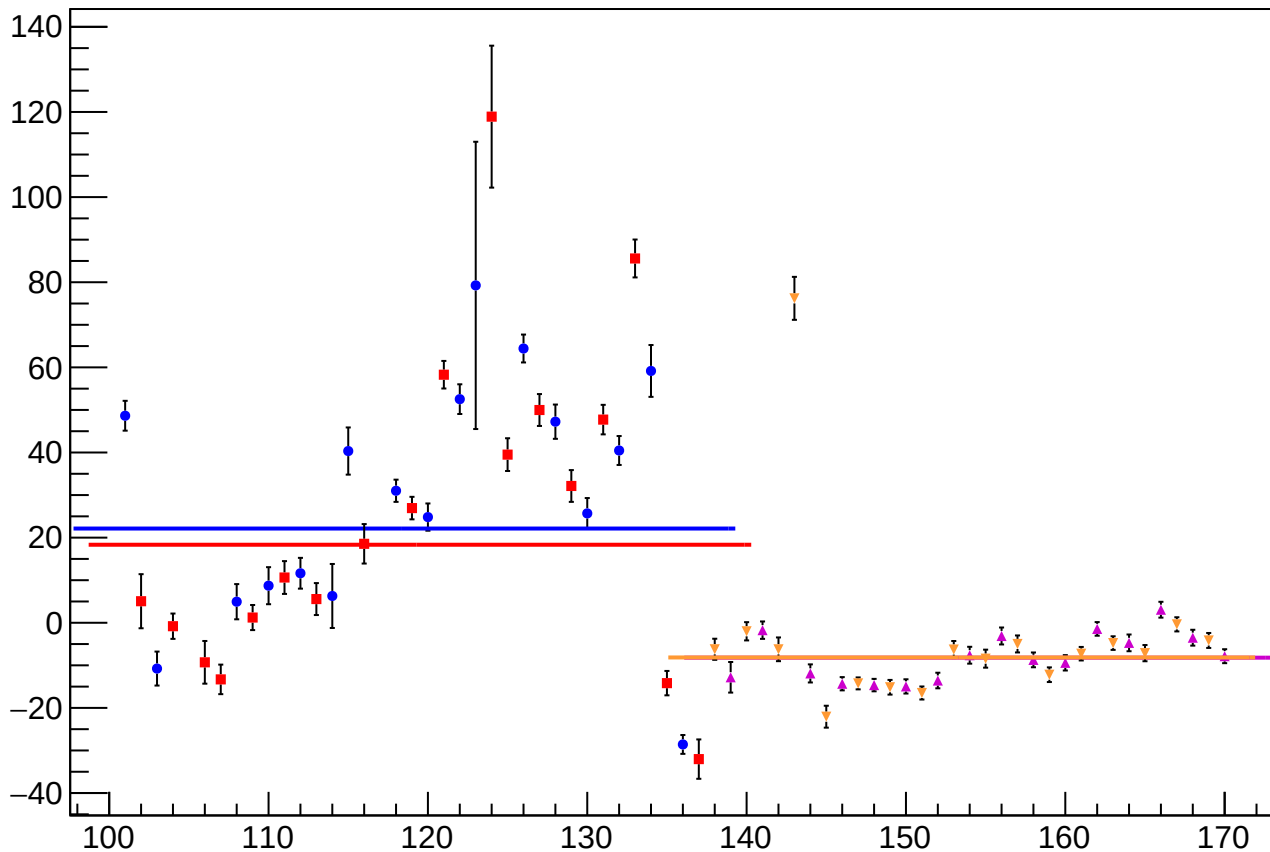
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 54.514 $\pm$ 0.497 χ^2 /NDF:4789.4/32

Out: 55.408 $\pm$ 0.507 χ^2 /NDF:6944.5/34

All: 54.952 $\pm$ 0.355 χ^2 /NDF: 11735.5/67

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -8.151 ± 0.457 $\chi^2/\text{NDF}: 423.9/16$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -8.202 ± 0.456 $\chi^2/\text{NDF}: 145.6/15$

Left: -8.176 ± 0.323 $\chi^2/\text{NDF}: 569.5/32$

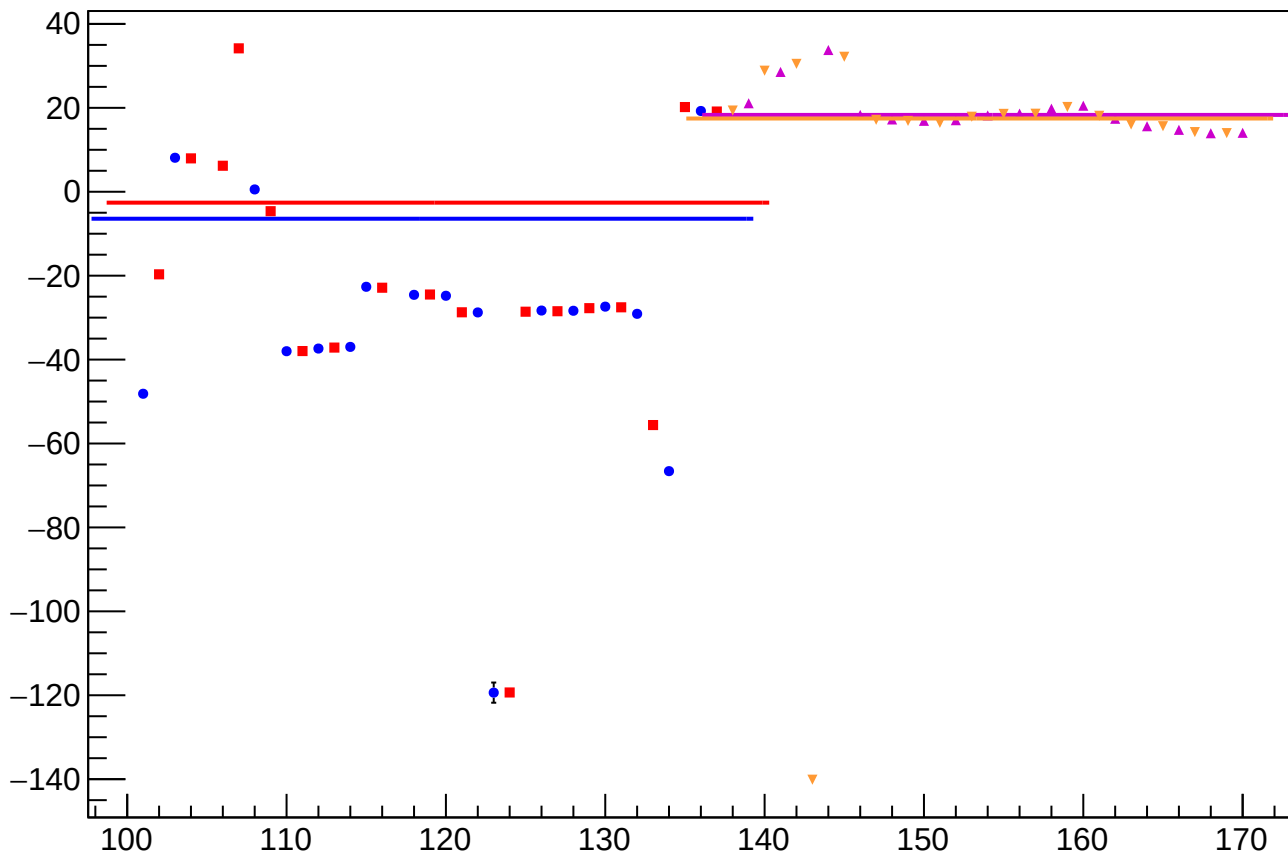
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -1.915 ± 0.406 $\chi^2/\text{NDF}: 2128.5/32$

Out: -2.435 ± 0.405 $\chi^2/\text{NDF}: 2217.5/34$

All: -2.175 ± 0.287 $\chi^2/\text{NDF}: 4346.8/67$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 17.456 ± 0.021 χ^2/NDF : 406483.4/16

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 18.314 ± 0.021 χ^2/NDF : 40082.7/15

Left: 17.897 ± 0.015 χ^2/NDF : 447392.5/32

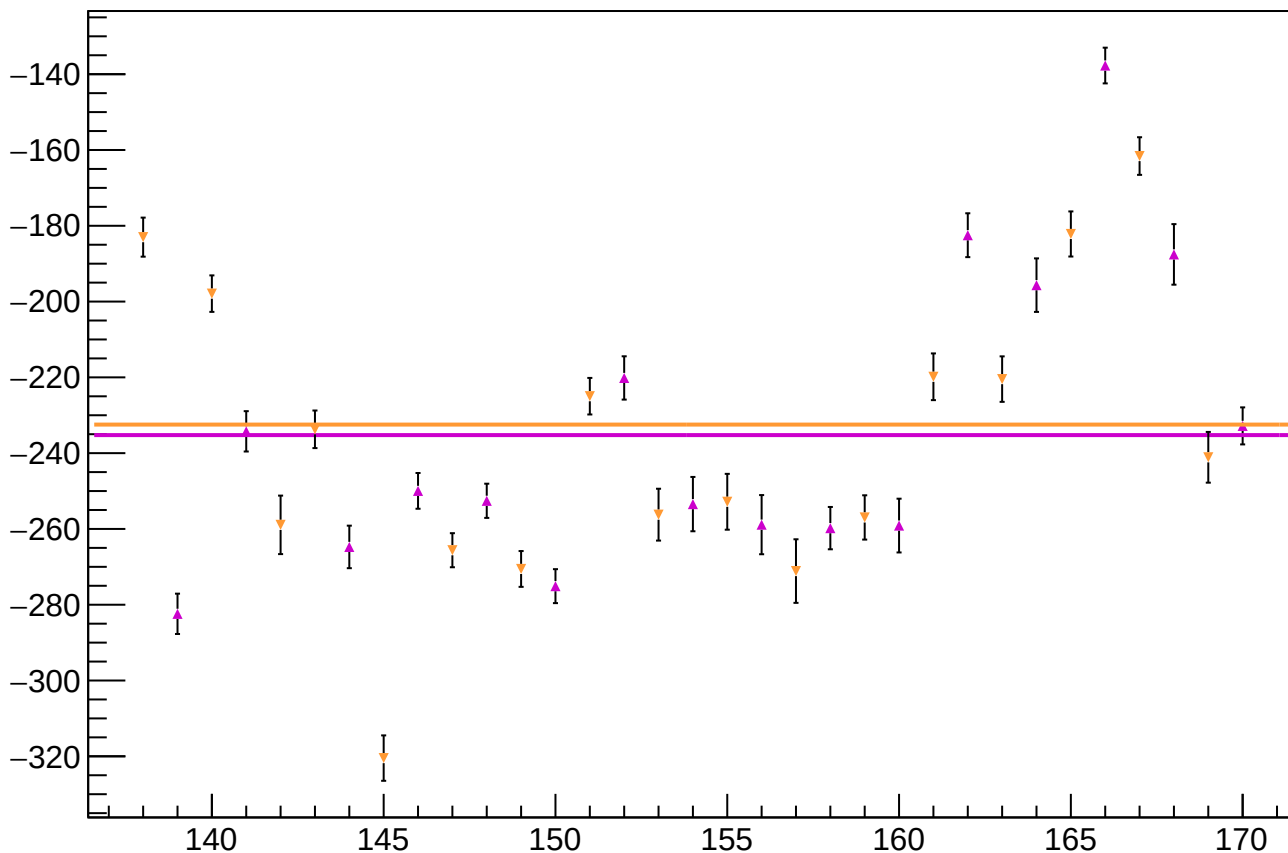
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 14.149 ± 0.019 χ^2/NDF : 543636.6/32

Out: 13.857 ± 0.019 χ^2/NDF : 827529.2/34

All: 14.006 ± 0.014 χ^2/NDF : 1371282.0/67

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: -232.462+/-1.371 χ^2/NDF : 836.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -235.237+/-1.391 χ^2/NDF : 841.5/15

Left: -233.830+/-0.976 χ^2/NDF : 1680.2/32

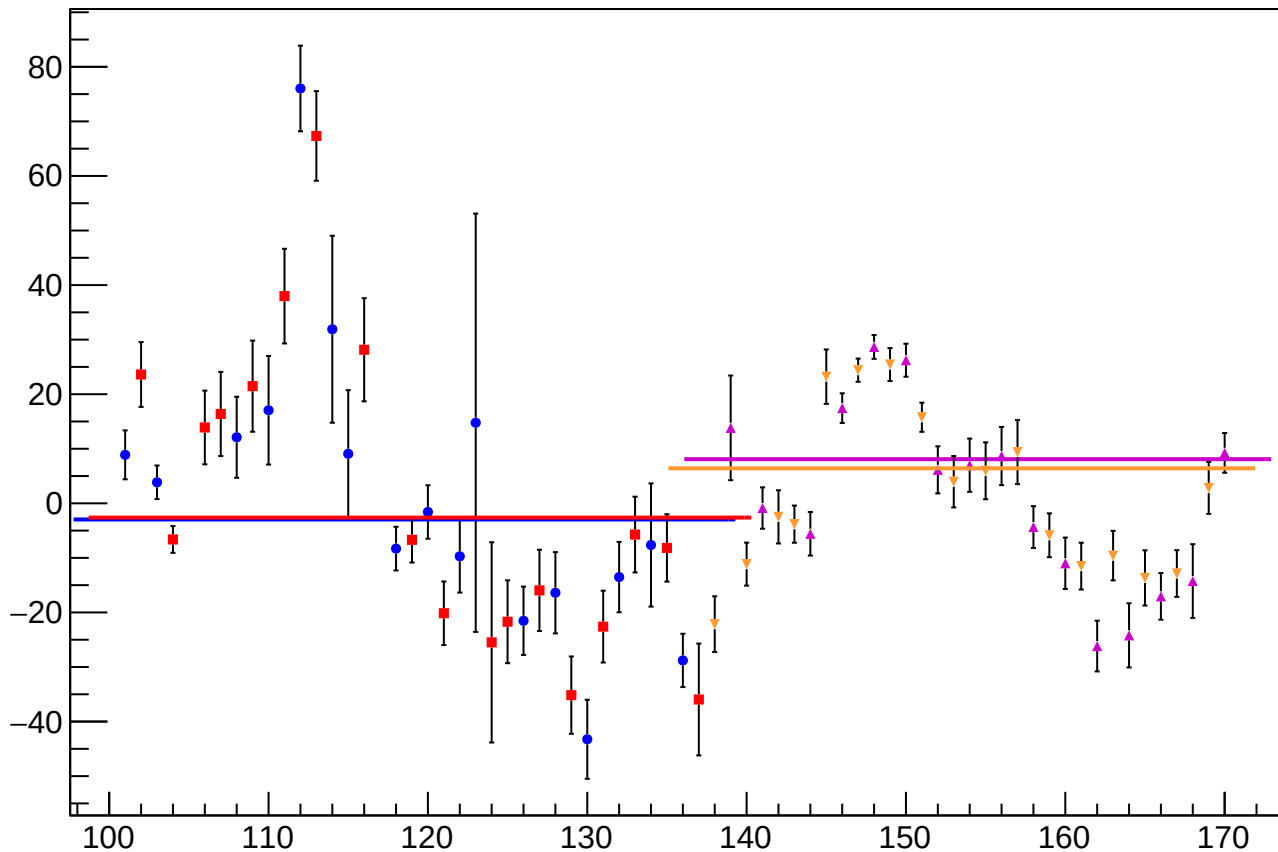
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.237+/-1.391 χ^2/NDF : 841.5/15

Out: -232.462+/-1.371 χ^2/NDF : 836.6/16

All: -233.830+/-0.976 χ^2/NDF : 1680.2/32

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: 6.415 ± 0.930 χ^2/NDF : 274.4/16

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 8.091 ± 0.967 χ^2/NDF : 311.4/15

Left: 7.221 ± 0.671 χ^2/NDF : 587.4/32

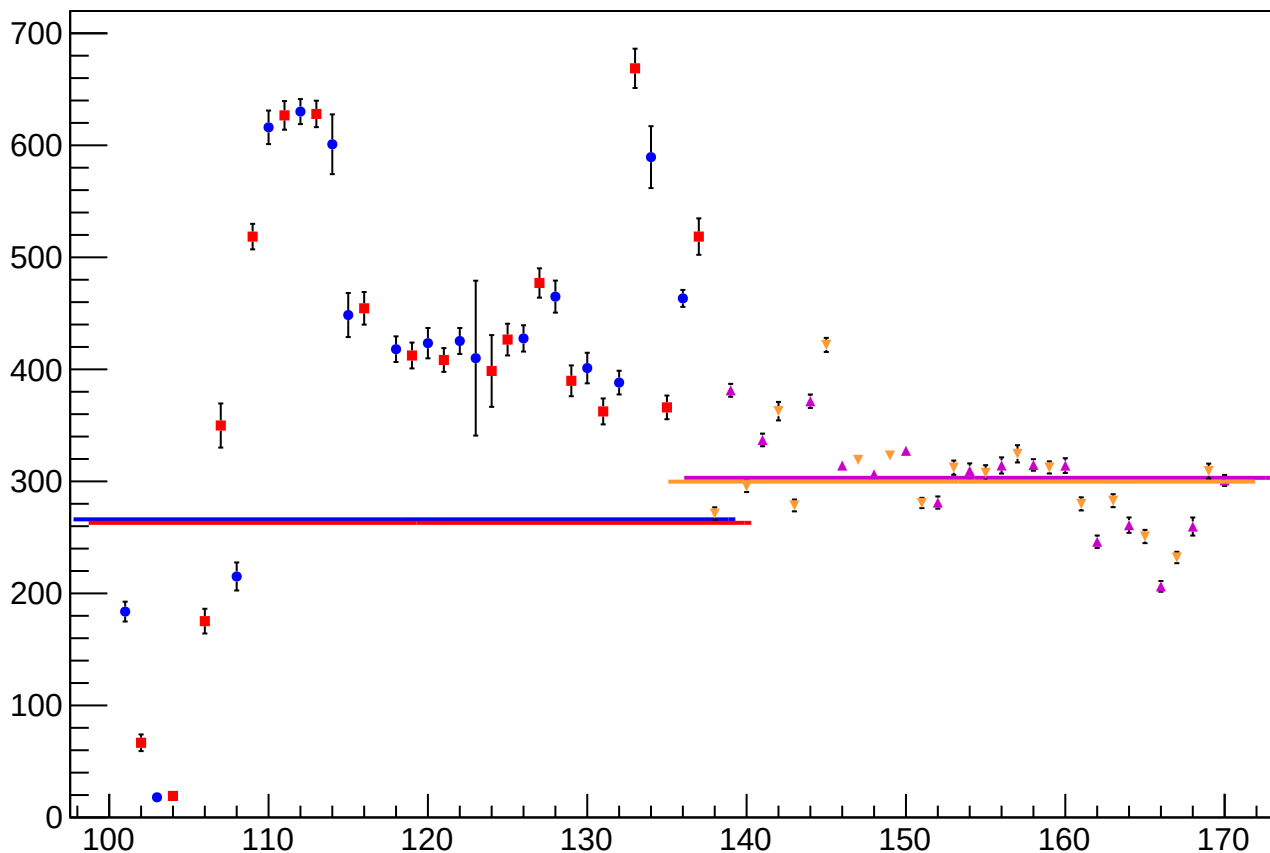
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 4.694 ± 0.805 χ^2/NDF : 555.1/32

Out: 3.646 ± 0.775 χ^2/NDF : 513.8/34

All: 4.150 ± 0.558 χ^2/NDF : 1069.8/67

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: 299.768 $\pm$ 1.353 χ^2 /NDF:832.3/16

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 303.164 $\pm$ 1.360 χ^2 /NDF:995.4/15

Left: 301.457 $\pm$ 0.959 χ^2 /NDF: 1830.9/32

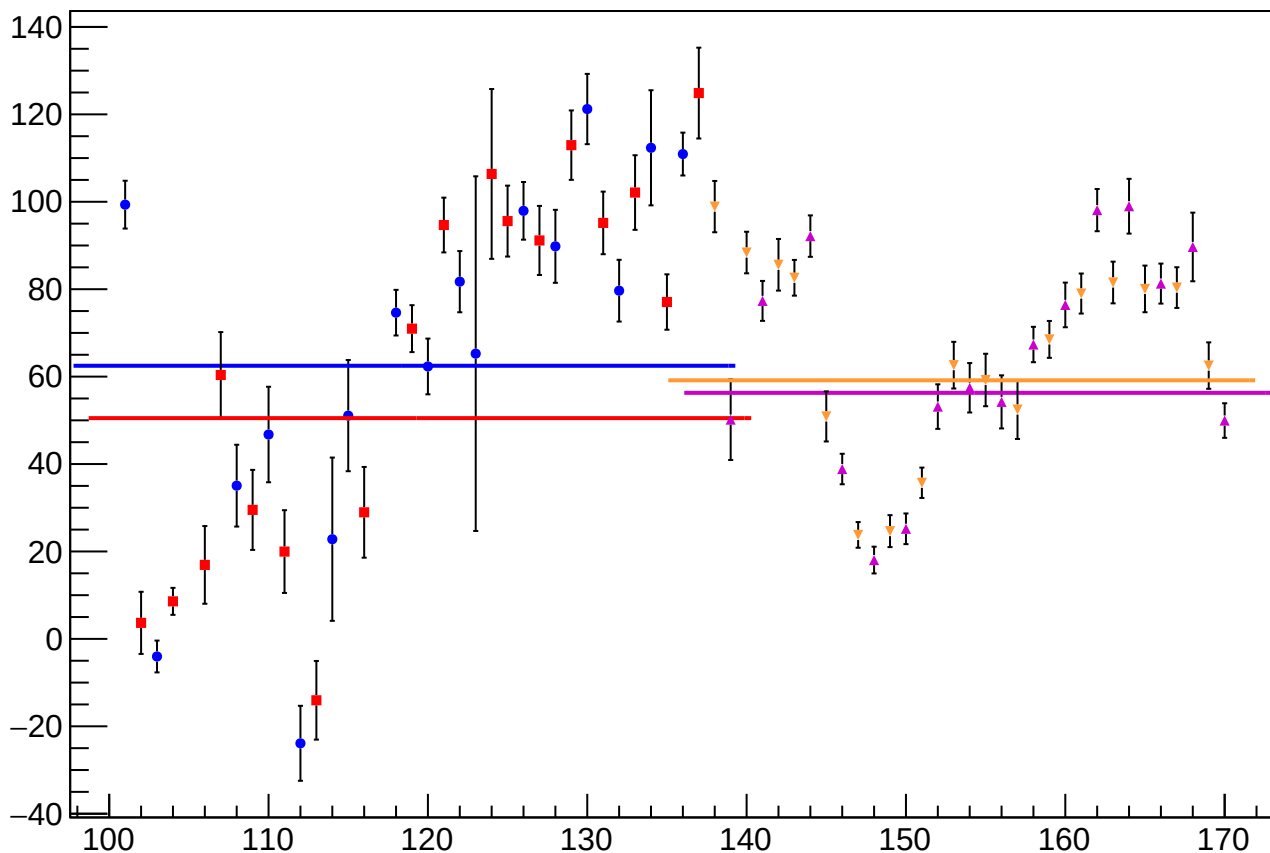
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 294.598 $\pm$ 1.193 χ^2 /NDF:8811.0/32

Out: 291.265 $\pm$ 1.186 χ^2 /NDF:9175.1/34

All: 292.923 $\pm$ 0.841 χ^2 /NDF: 17990.1/67

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 59.154 $\pm$ 1.108 χ^2 /NDF: 501.8/16

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 56.288 $\pm$ 1.142 χ^2 /NDF: 534.2/15

Left: 57.764 $\pm$ 0.795 χ^2 /NDF: 1039.3/32

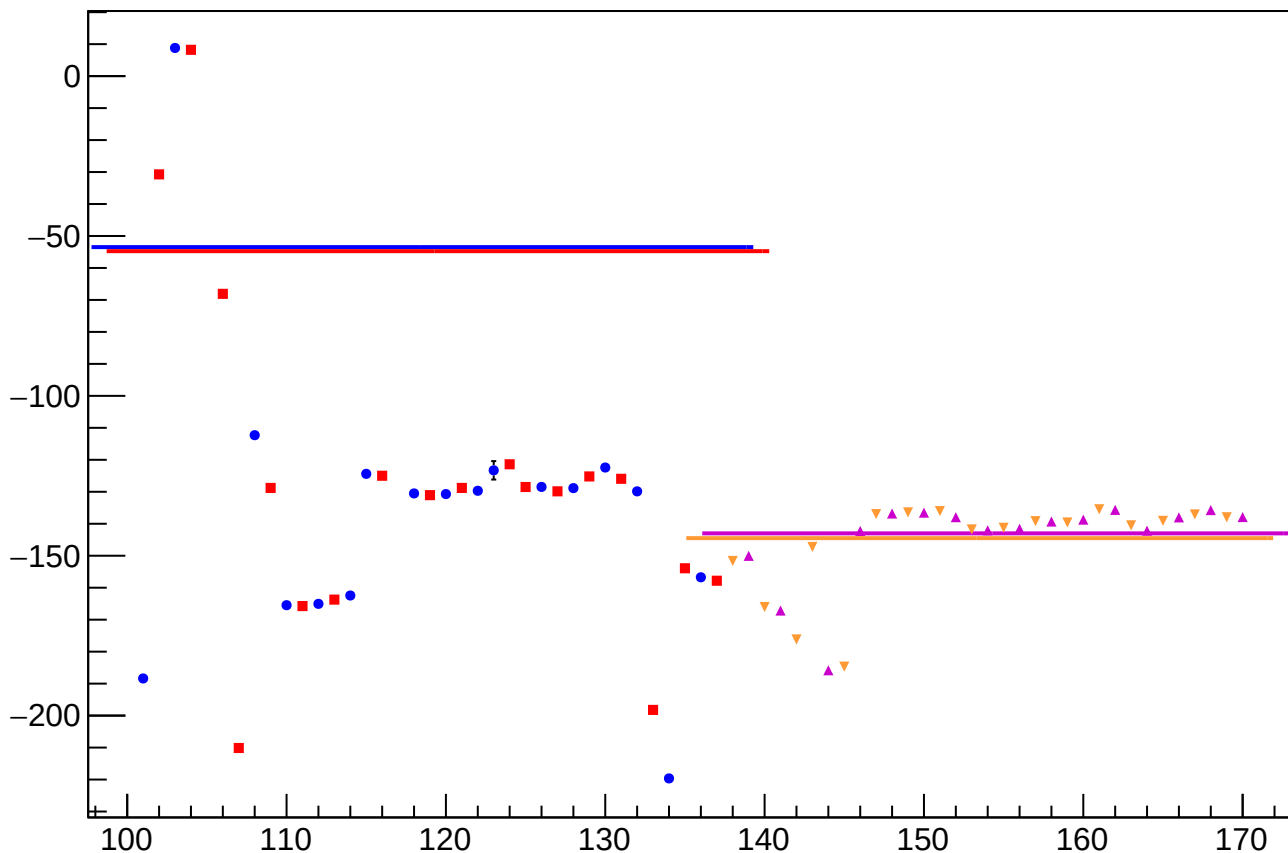
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 58.244 $\pm$ 0.944 χ^2 /NDF: 1264.3/32

Out: 56.455 $\pm$ 0.919 χ^2 /NDF: 1171.5/34

All: 57.325 $\pm$ 0.658 χ^2 /NDF: 2437.6/67

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -144.493 ± 0.054 $\chi^2/\text{NDF}: 56542.9/16$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -143.007 ± 0.054 $\chi^2/\text{NDF}: 45707.8/15$

Left: -143.747 ± 0.038 $\chi^2/\text{NDF}: 102627.3/32$

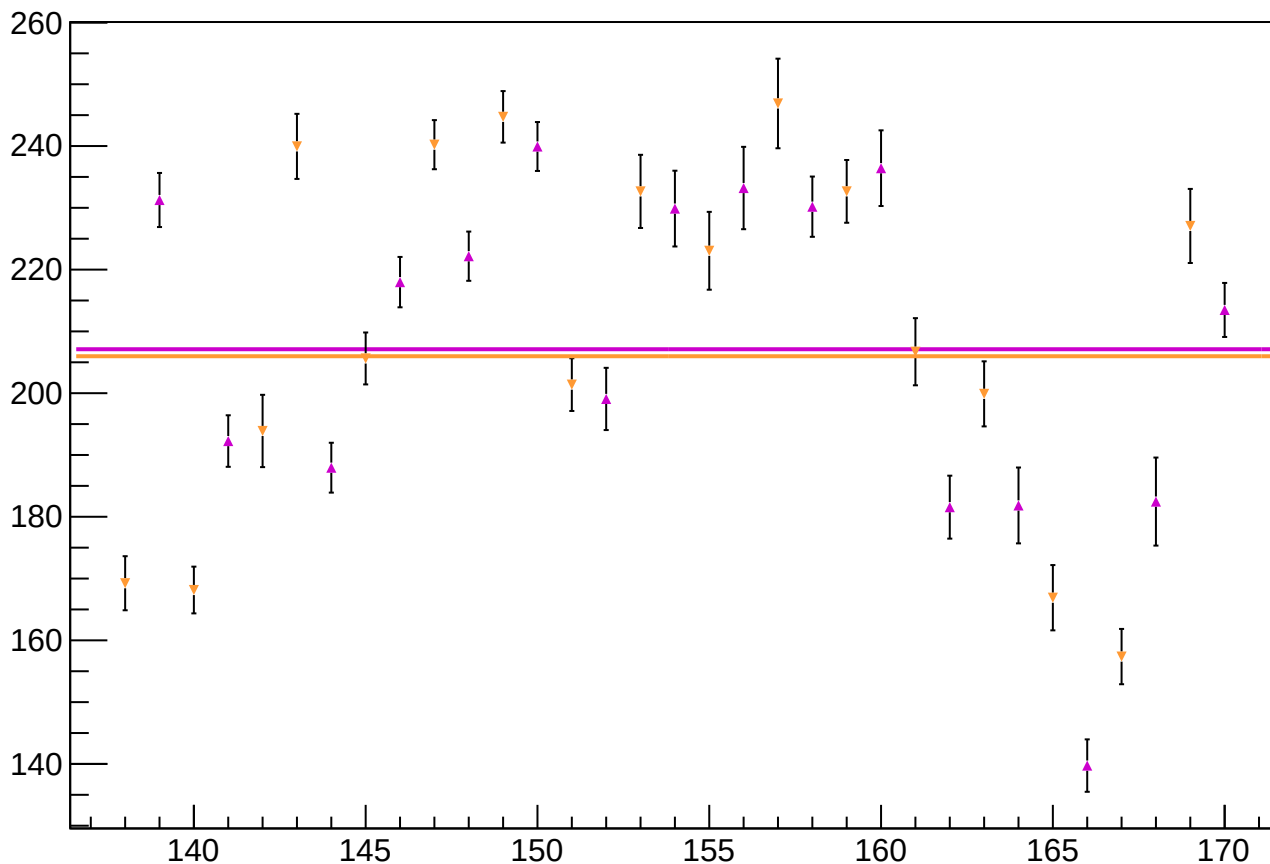
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -109.726 ± 0.043 $\chi^2/\text{NDF}: 2293048.3/32$

Out: -112.055 ± 0.043 $\chi^2/\text{NDF}: 1997442.6/34$

All: -110.877 ± 0.030 $\chi^2/\text{NDF}: 4291948.8/67$

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: 205.981+/-1.183 χ^2/NDF : 651.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.114+/-1.189 χ^2/NDF : 541.2/15

Left: 206.545+/-0.838 χ^2/NDF : 1193.3/32

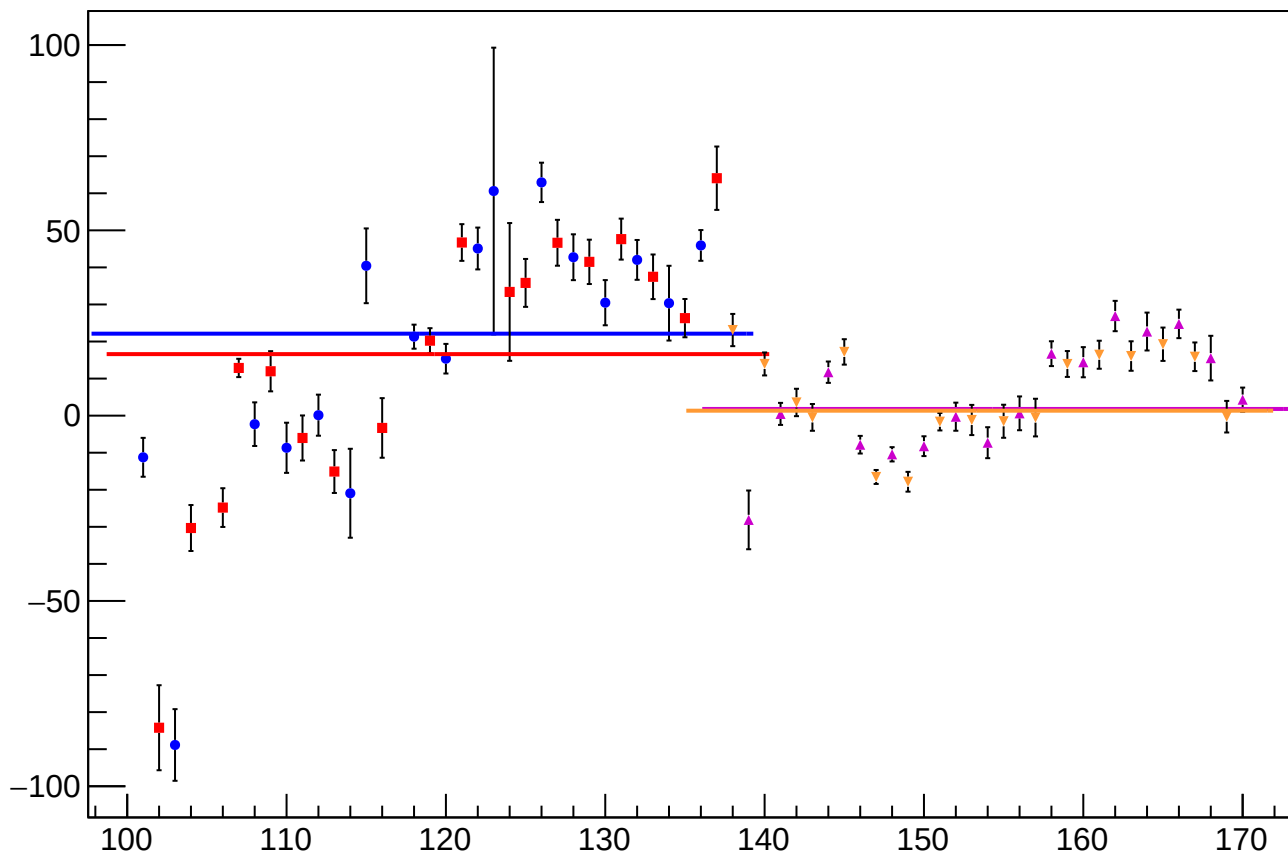
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.114+/-1.189 χ^2/NDF : 541.2/15

Out: 205.981+/-1.183 χ^2/NDF : 651.6/16

All: 206.545+/-0.838 χ^2/NDF : 1193.3/32

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 1.338+/-0.808 χ^2/NDF :280.7/16

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 1.806+/-0.832 χ^2/NDF :227.2/15

Left: 1.565+/-0.580 χ^2/NDF : 508.1/32

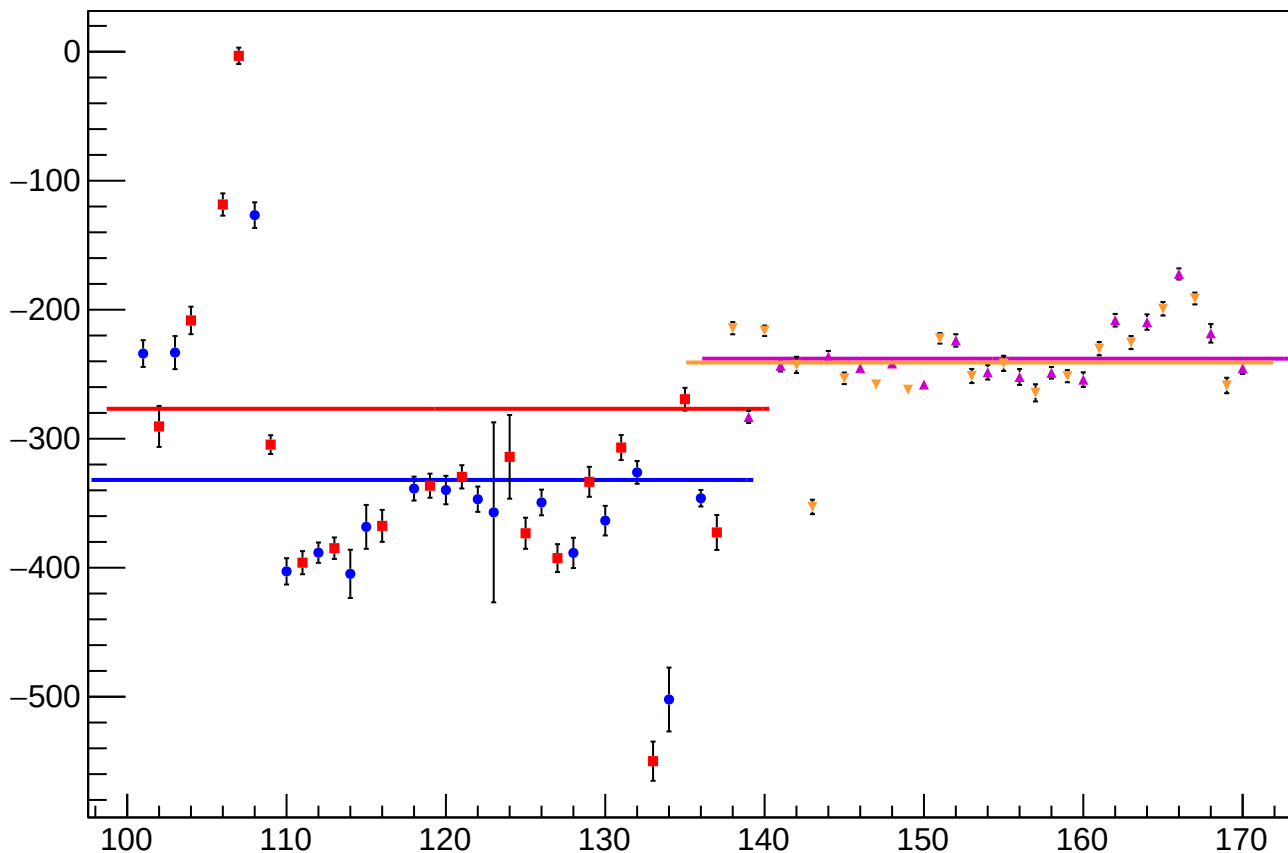
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 7.237+/-0.712 χ^2/NDF :768.8/32

Out: 5.948+/-0.675 χ^2/NDF :805.2/34

All: 6.559+/-0.490 χ^2/NDF : 1575.7/67

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -240.925 ± 1.170 $\chi^2/\text{NDF}: 769.0/16$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -237.954 ± 1.167 $\chi^2/\text{NDF}: 458.4/15$

Left: -239.435 ± 0.826 $\chi^2/\text{NDF}: 1230.7/32$

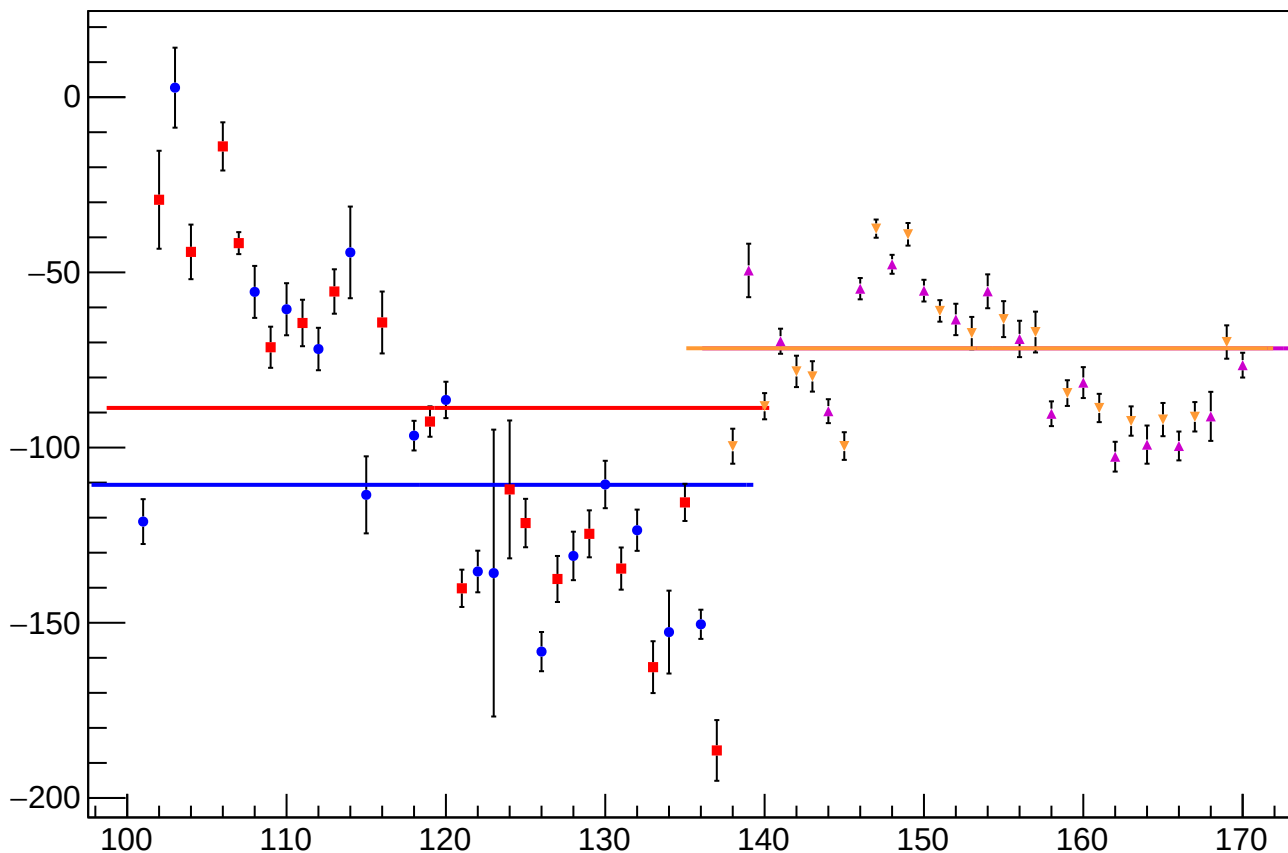
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -254.052 ± 1.062 $\chi^2/\text{NDF}: 2355.0/32$

Out: -248.156 ± 1.046 $\chi^2/\text{NDF}: 4288.8/34$

All: -251.057 ± 0.745 $\chi^2/\text{NDF}: 6659.5/67$

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: -71.658 ± 0.961 χ^2/NDF : 491.8/16

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -71.683 ± 0.981 χ^2/NDF : 356.2/15

Left: -71.671 ± 0.687 χ^2/NDF : 848.0/32

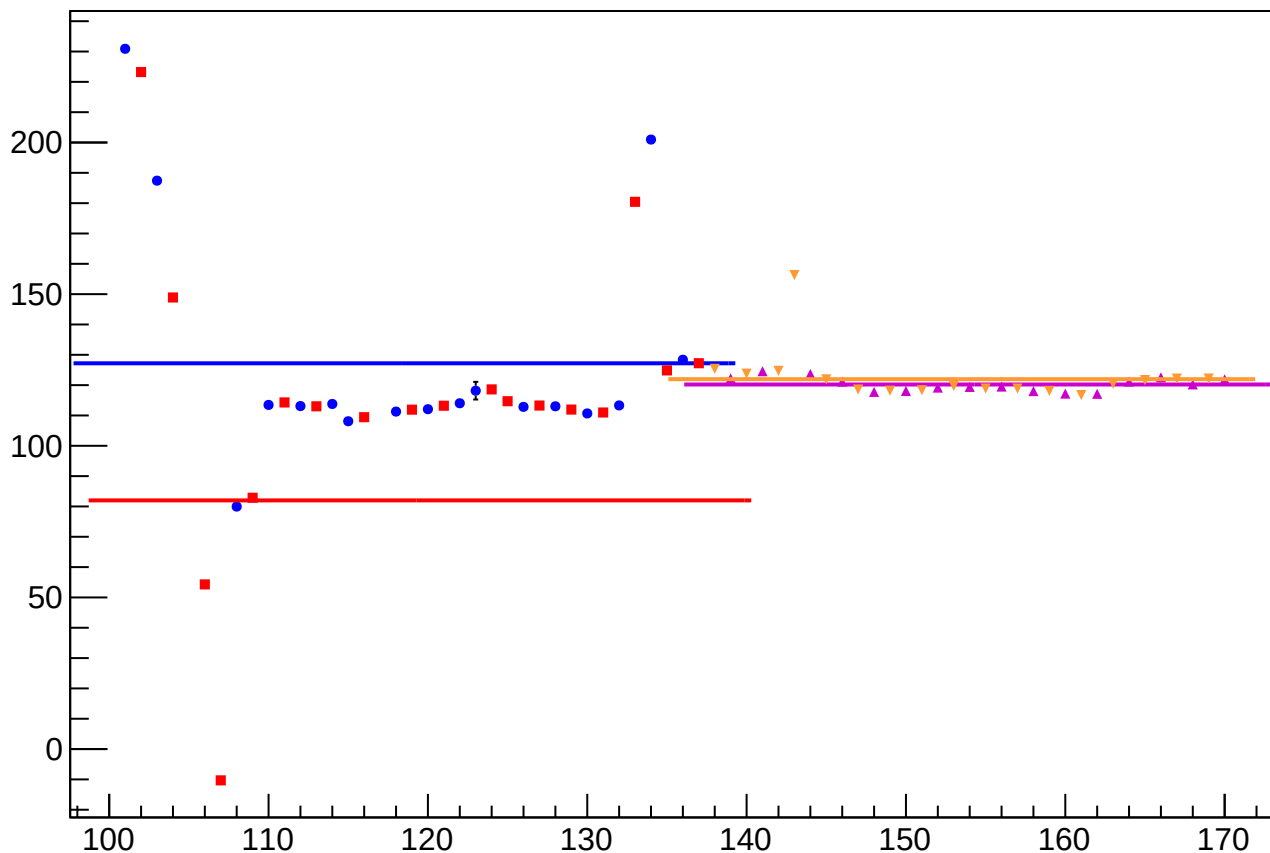
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -82.506 ± 0.833 χ^2/NDF : 1303.3/32

Out: -76.936 ± 0.799 χ^2/NDF : 1553.0/34

All: -79.602 ± 0.577 χ^2/NDF : 2879.5/67

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: 121.968 $\pm$ 0.047 χ^2 /NDF: 26748.2/16

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.214 $\pm$ 0.046 χ^2 /NDF: 2504.9/15

Left: 121.082 $\pm$ 0.033 χ^2 /NDF: 29959.6/32

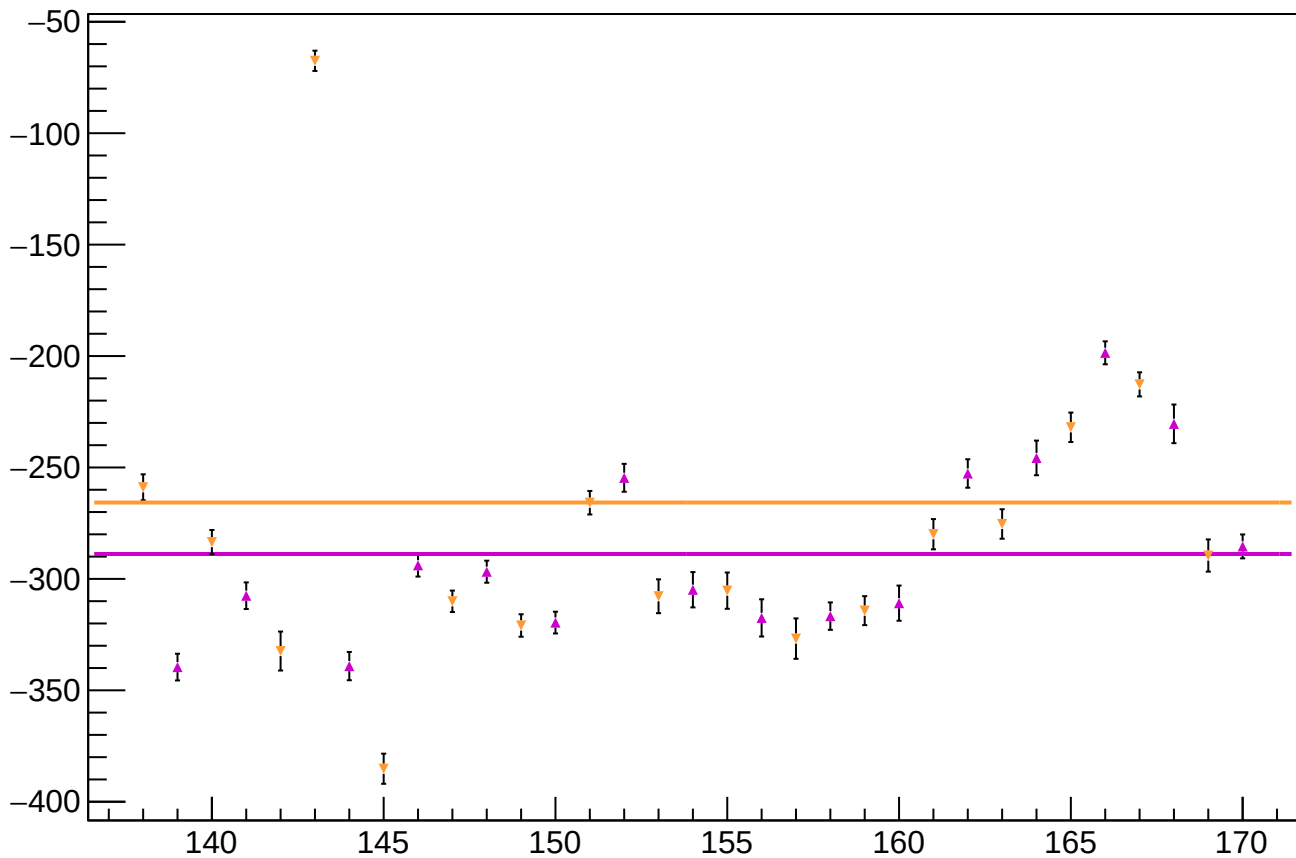
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.706 $\pm$ 0.041 χ^2 /NDF: 195369.9/32

Out: 110.833 $\pm$ 0.040 χ^2 /NDF: 978892.0/34

All: 116.090 $\pm$ 0.029 χ^2 /NDF: 1210274.6/67

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: -265.723+/-1.484 χ^2/NDF :2779.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -288.823+/-1.529 χ^2/NDF :677.3/15

Left: -276.927+/-1.065 χ^2/NDF : 3573.9/32

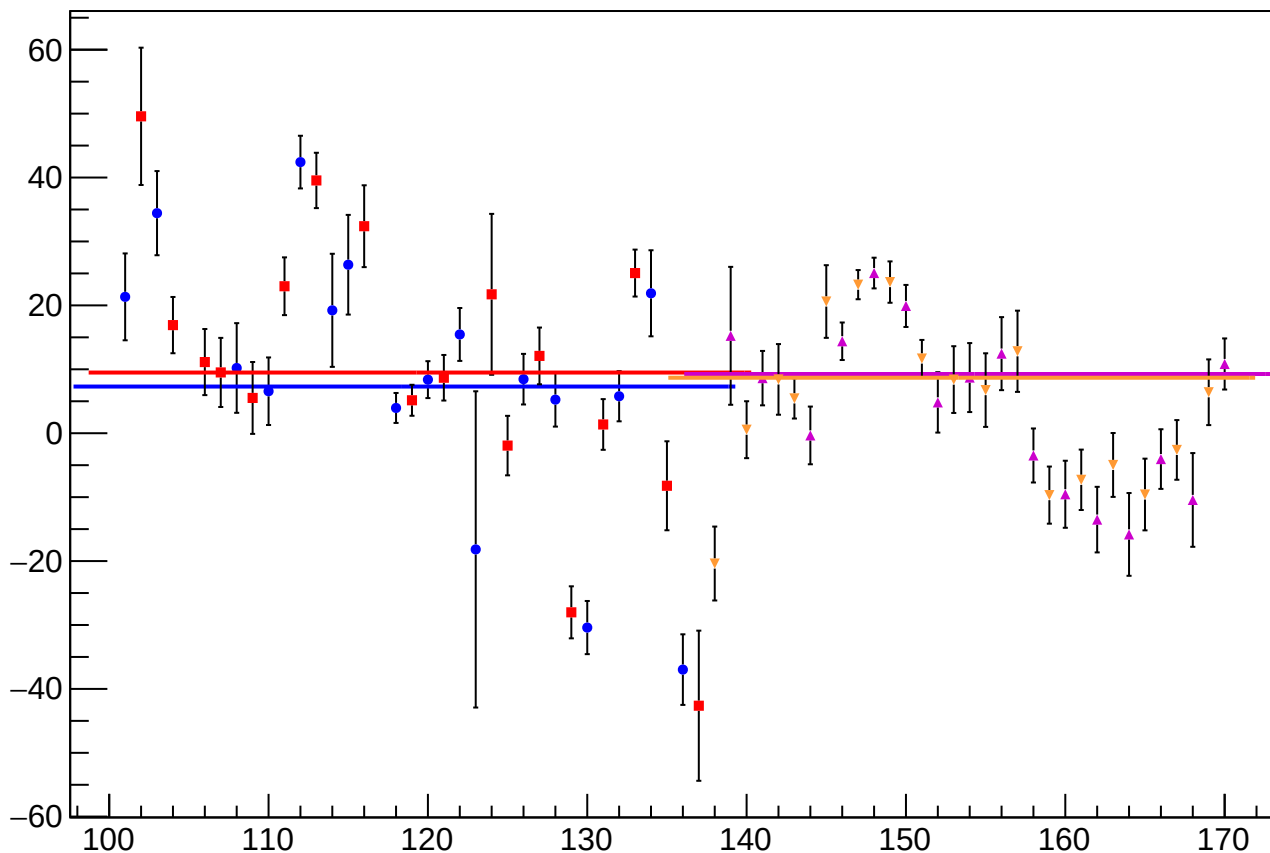
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -288.823+/-1.529 χ^2/NDF :677.3/15

Out: -265.723+/-1.484 χ^2/NDF :2779.2/16

All: -276.927+/-1.065 χ^2/NDF : 3573.9/32

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 8.681 $\pm$ 1.004 χ^2 /NDF:150.1/16

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 9.265 $\pm$ 1.062 χ^2 /NDF:135.1/15

Left: 8.957 $\pm$ 0.730 χ^2 /NDF: 285.4/32

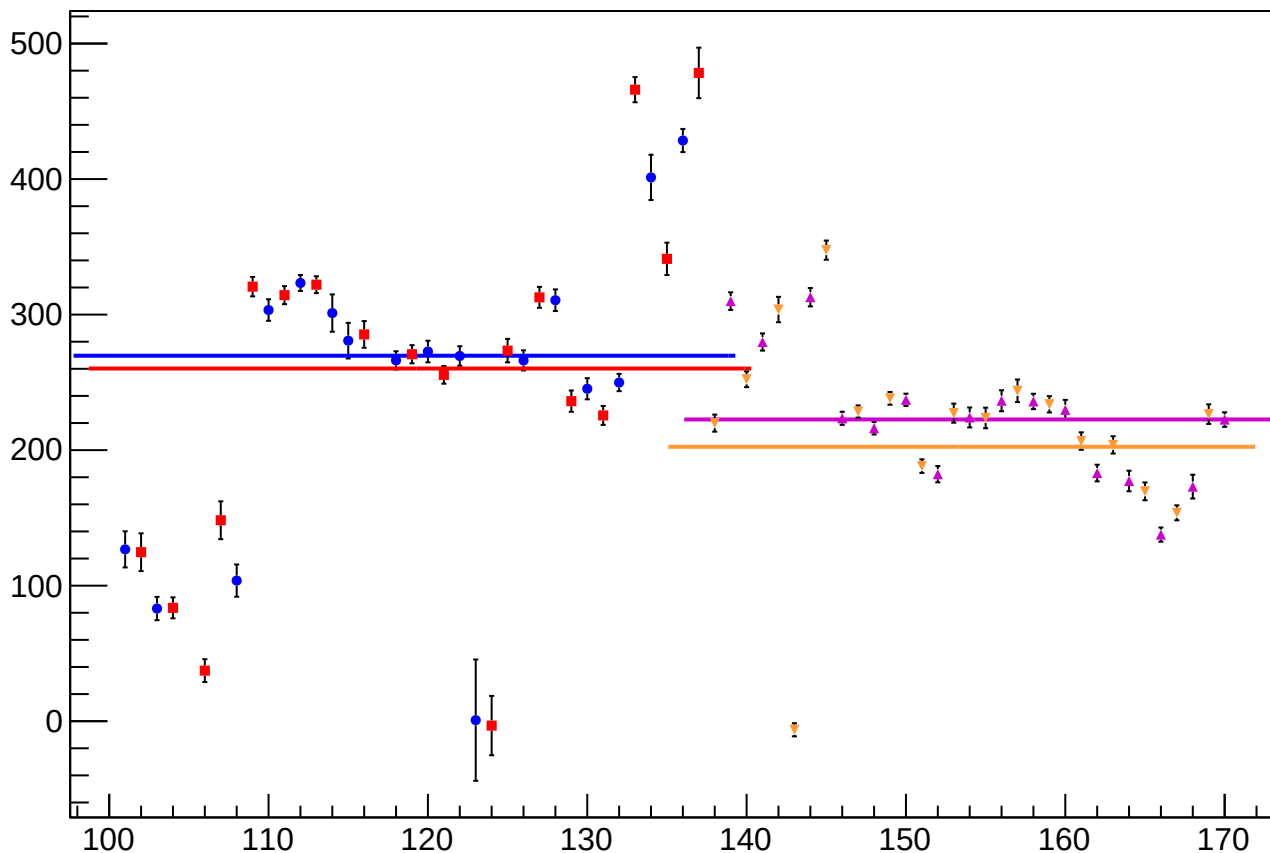
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 8.305 $\pm$ 0.759 χ^2 /NDF:397.4/32

Out: 9.060 $\pm$ 0.733 χ^2 /NDF:381.6/34

All: 8.696 $\pm$ 0.527 χ^2 /NDF: 779.5/67

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 202.475 $\pm$ 1.466 χ^2 /NDF:2754.6/16

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 222.629 $\pm$ 1.495 χ^2 /NDF:876.8/15

Left: 212.357 $\pm$ 1.046 χ^2 /NDF: 3724.1/32

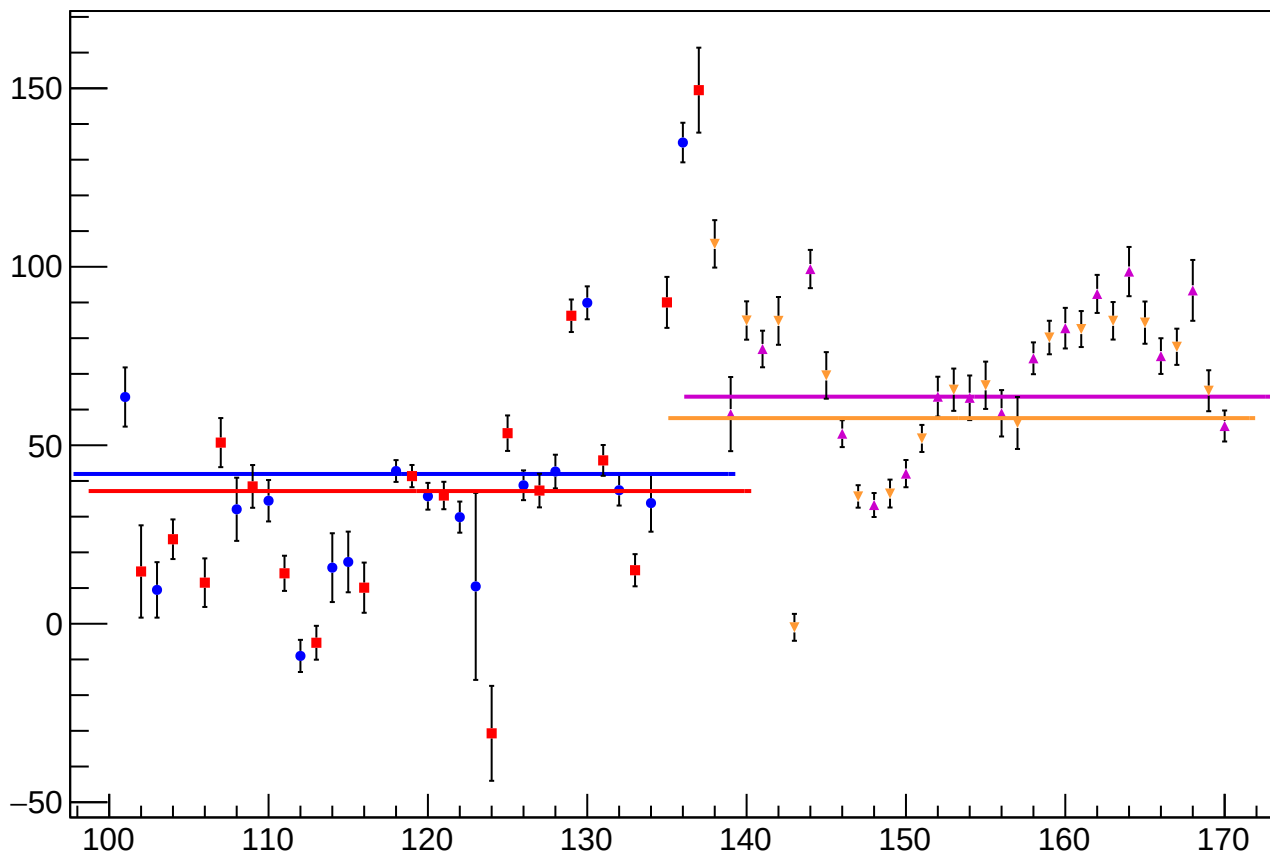
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 238.684 $\pm$ 1.213 χ^2 /NDF:2591.5/32

Out: 222.937 $\pm$ 1.178 χ^2 /NDF:5832.5/34

All: 230.580 $\pm$ 0.845 χ^2 /NDF: 8510.8/67

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 57.606 $\pm$ 1.197 χ^2 /NDF:537.7/16

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 63.613 $\pm$ 1.254 χ^2 /NDF:266.4/15

Left: 60.469 $\pm$ 0.866 χ^2 /NDF: 816.2/32

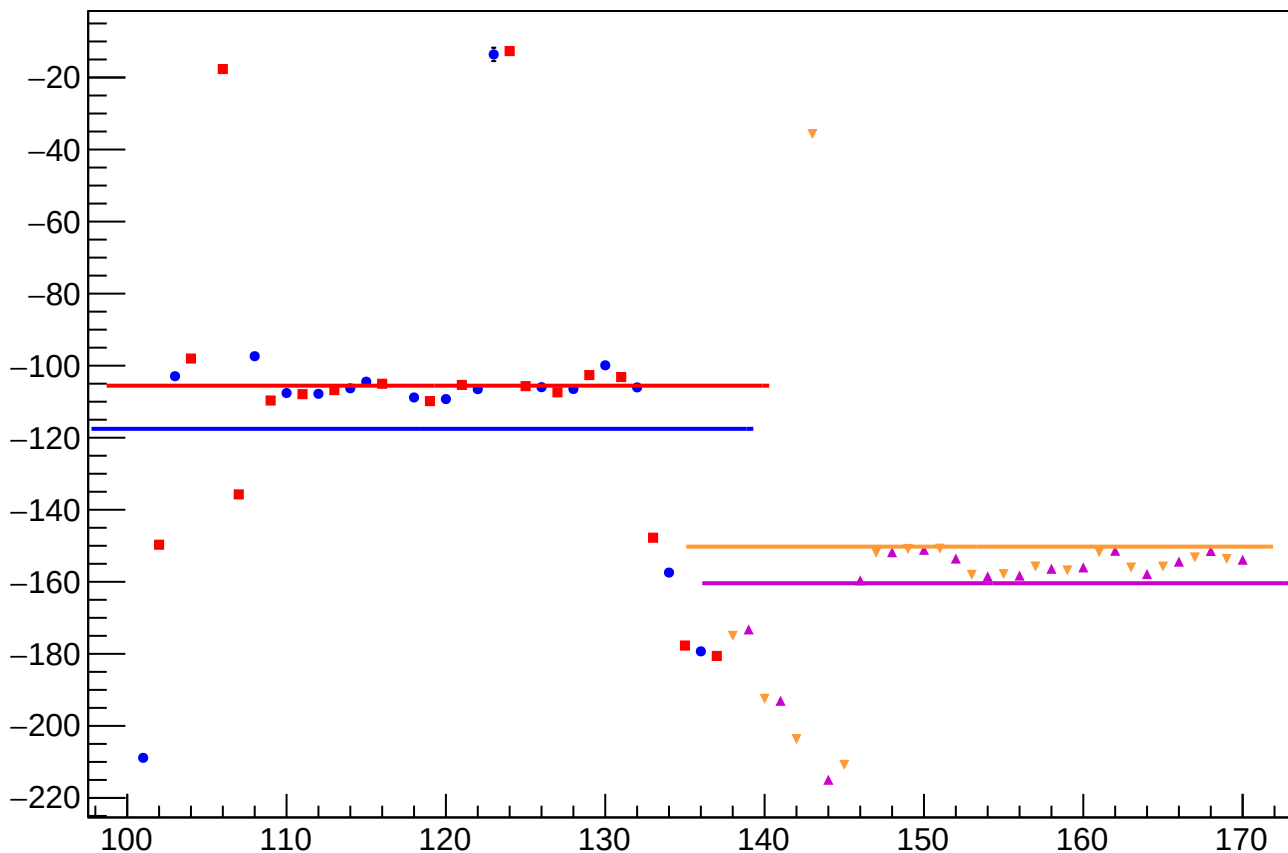
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 52.822 $\pm$ 0.888 χ^2 /NDF:989.3/32

Out: 47.719 $\pm$ 0.860 χ^2 /NDF:1149.6/34

All: 50.187 $\pm$ 0.618 χ^2 /NDF: 2155.9/67

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -150.235+/-0.059 χ^2/NDF : 454474.8/16

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -160.396+/-0.059 χ^2/NDF : 62675.1/15

Left: -155.261+/-0.042 χ^2/NDF : 531904.1/32

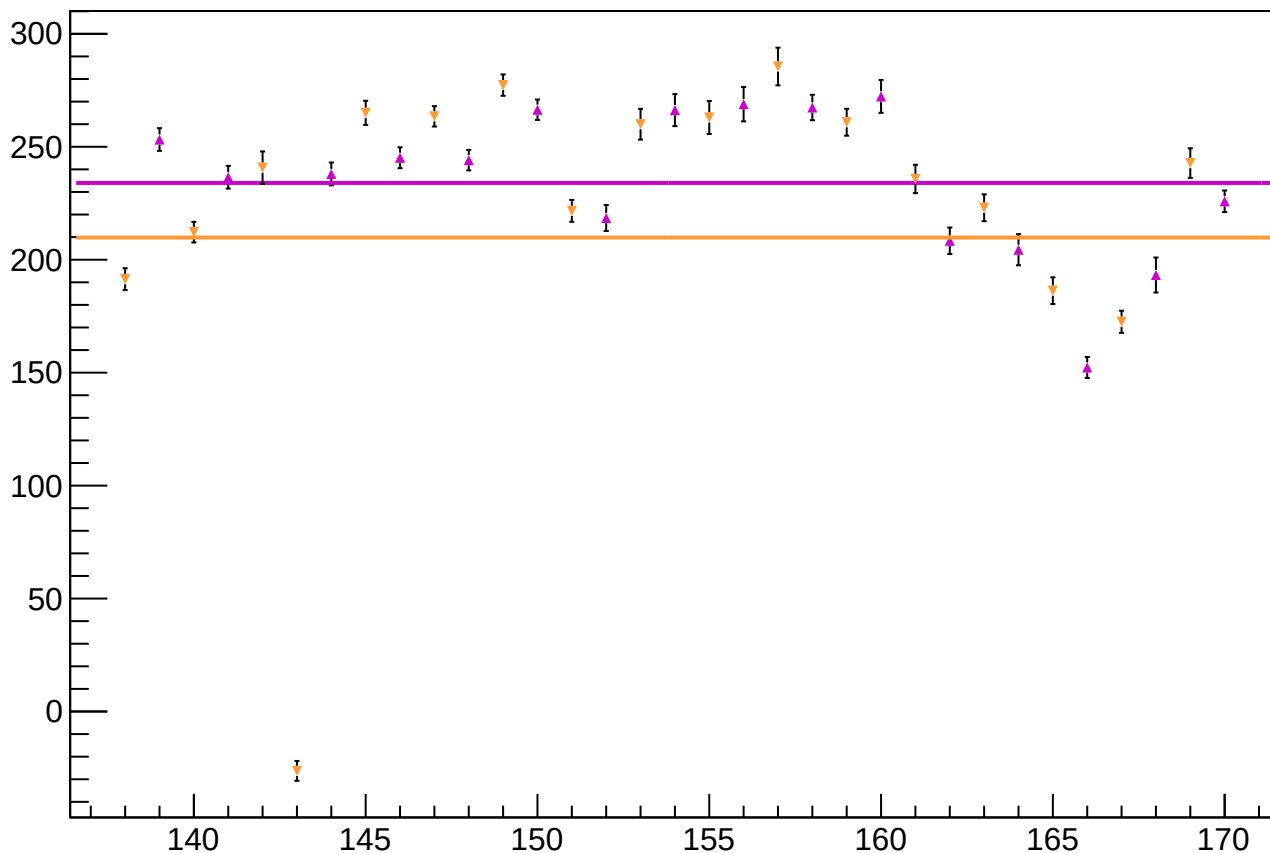
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -144.672+/-0.047 χ^2/NDF : 395299.7/32

Out: -132.603+/-0.046 χ^2/NDF : 999475.9/34

All: -138.437+/-0.033 χ^2/NDF : 1428378.7/67

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: 209.819+/-1.332 χ^2/NDF :3762.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.996+/-1.365 χ^2/NDF :566.8/15

Left: 221.613+/-0.953 χ^2/NDF : 4489.7/32

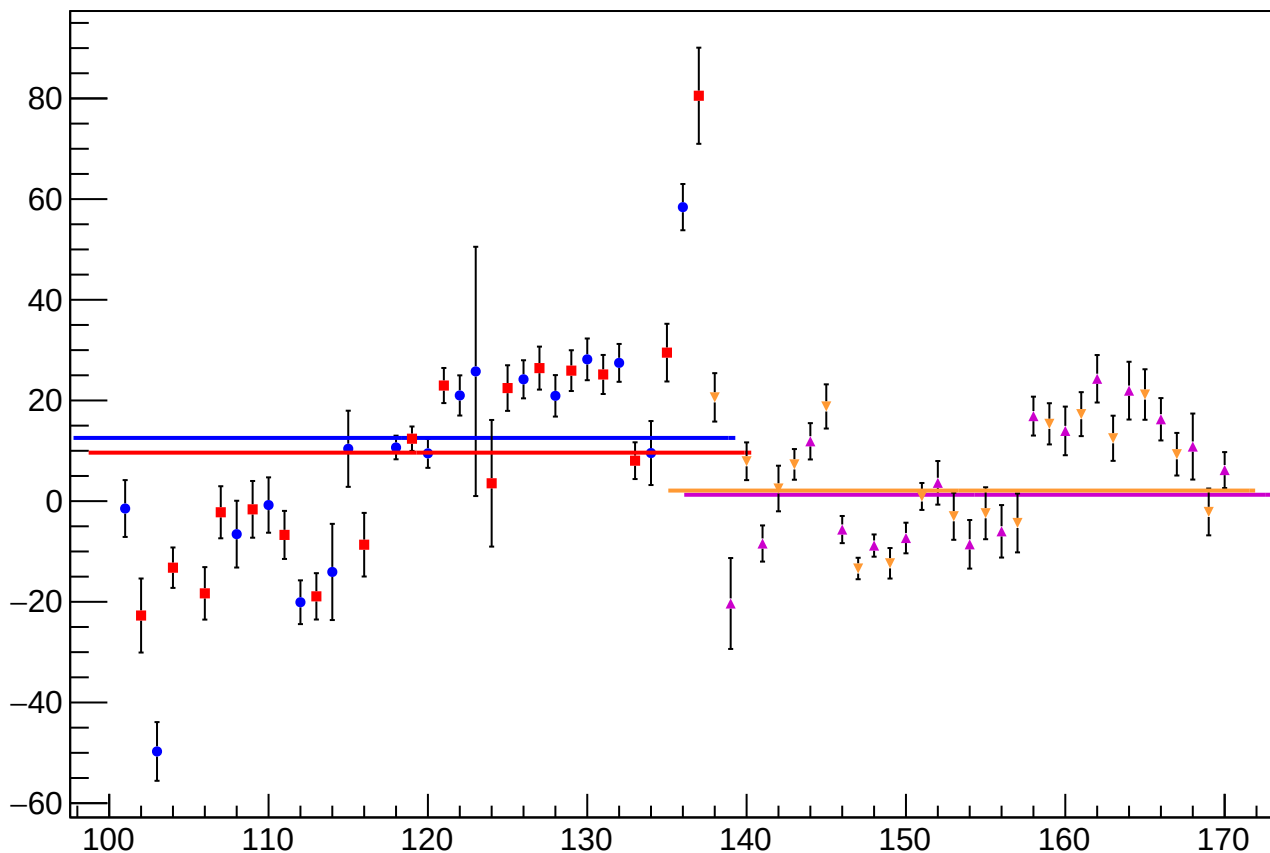
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.996+/-1.365 χ^2/NDF :566.8/15

Out: 209.819+/-1.332 χ^2/NDF :3762.2/16

All: 221.613+/-0.953 χ^2/NDF : 4489.7/32

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.100+/-0.910 χ^2/NDF : 159.6/16

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 1.268+/-0.956 χ^2/NDF : 140.3/15

Left: 1.704+/-0.659 χ^2/NDF : 300.3/32

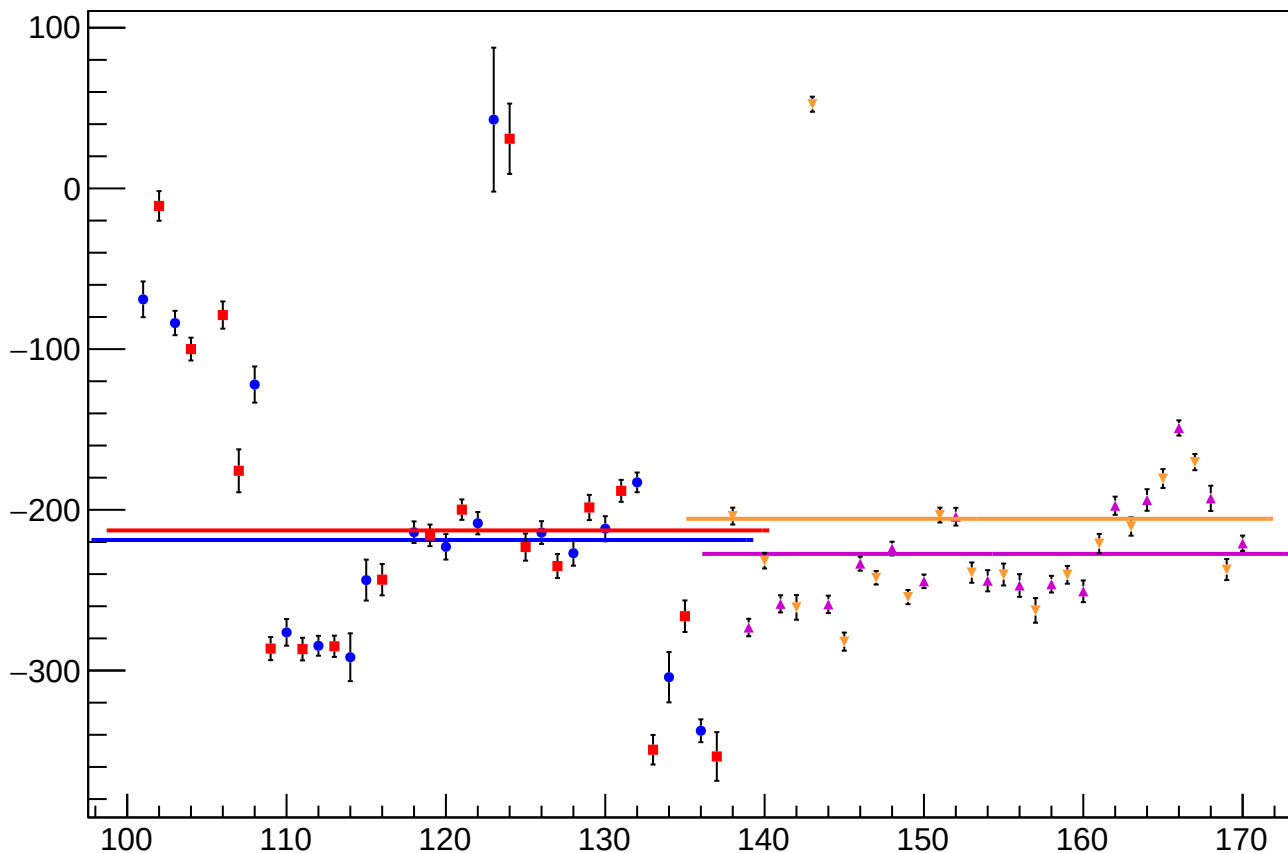
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 6.348+/-0.709 χ^2/NDF : 551.6/32

Out: 5.333+/-0.688 χ^2/NDF : 476.5/34

All: 5.825+/-0.494 χ^2/NDF : 1029.1/67

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: -205.574 ± 1.320 $\chi^2/\text{NDF}: 3737.8/16$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -227.431 ± 1.339 $\chi^2/\text{NDF}: 562.7/15$

Left: -216.349 ± 0.940 $\chi^2/\text{NDF}: 4435.7/32$

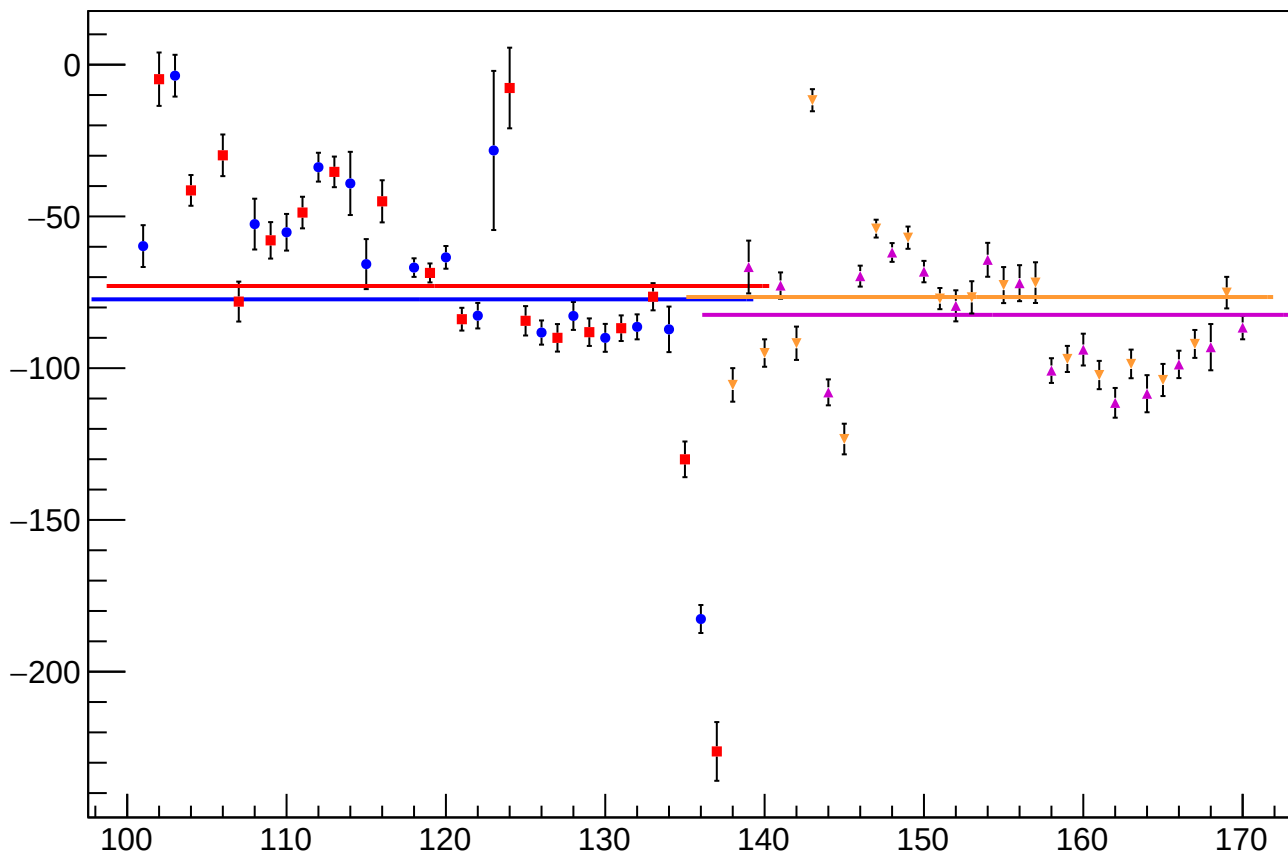
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -224.770 ± 1.114 $\chi^2/\text{NDF}: 1720.0/32$

Out: -207.888 ± 1.089 $\chi^2/\text{NDF}: 5571.9/34$

All: -216.135 ± 0.779 $\chi^2/\text{NDF}: 7409.3/67$

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: -76.556 ± 1.083 χ^2/NDF : 655.6/16

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -82.433 ± 1.127 χ^2/NDF : 226.4/15

Left: -79.376 ± 0.781 χ^2/NDF : 896.2/32

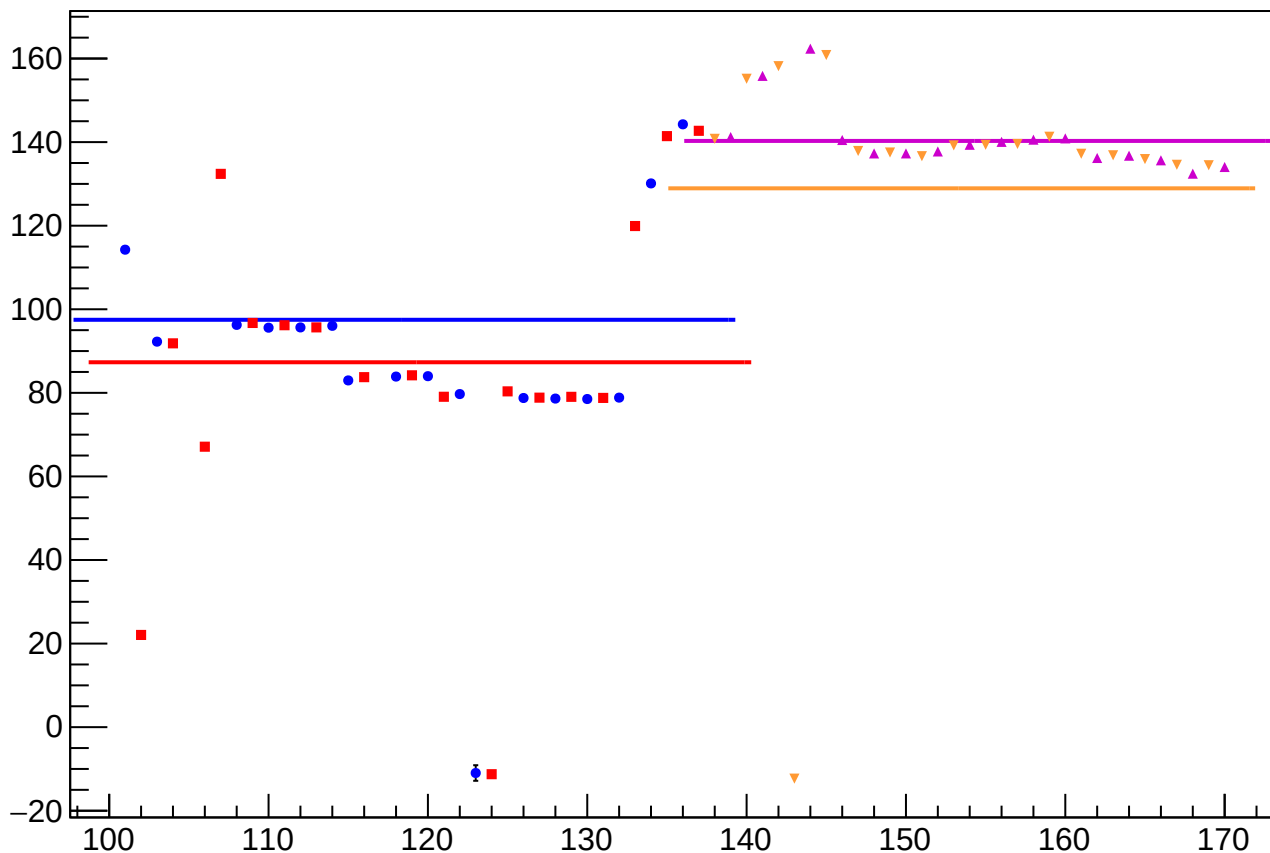
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -80.082 ± 0.829 χ^2/NDF : 1053.6/32

Out: -74.937 ± 0.806 χ^2/NDF : 1321.5/34

All: -77.439 ± 0.578 χ^2/NDF : 2394.9/67

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: 128.940+/-0.053 χ^2/NDF : 631121.5/16

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 140.283+/-0.053 χ^2/NDF : 17525.4/15

Left: 134.579+/-0.038 χ^2/NDF : 671479.1/32

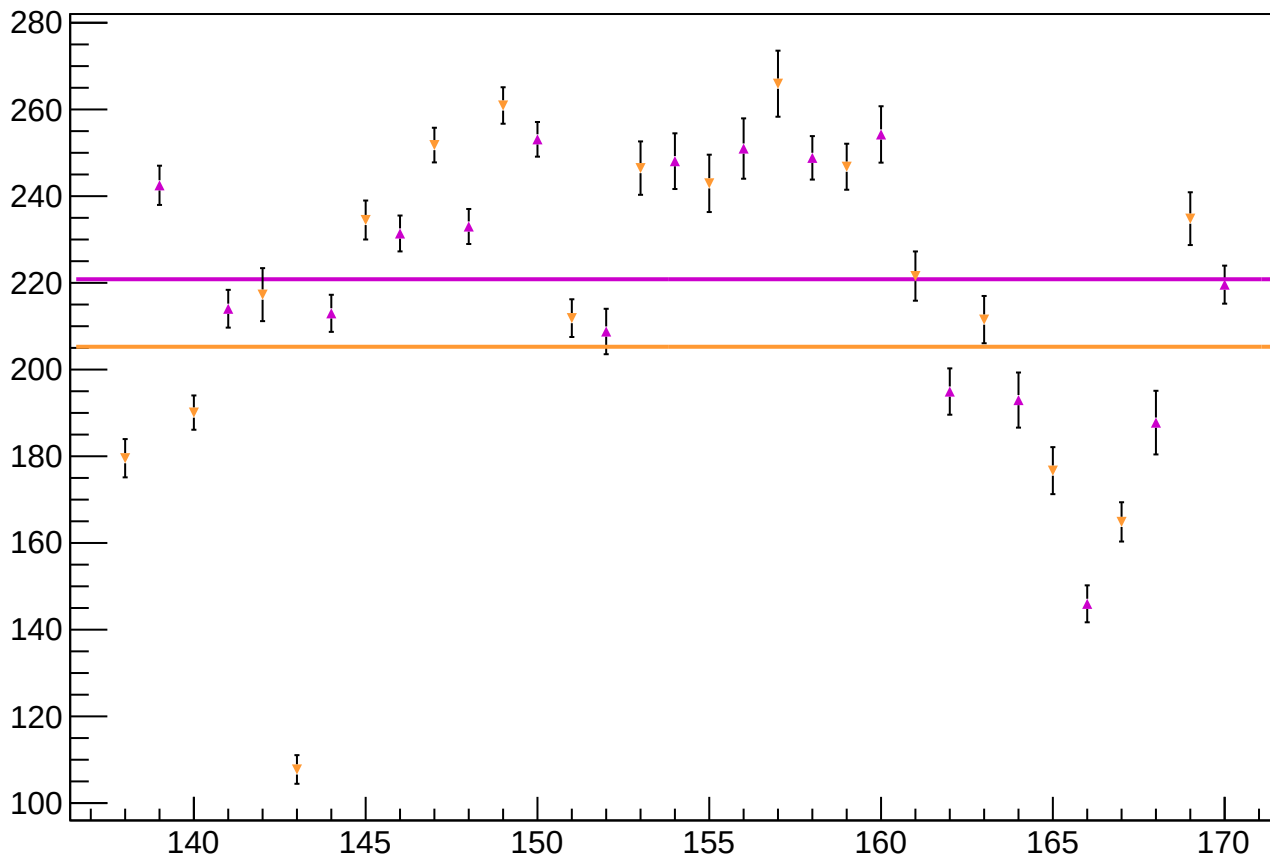
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 125.521+/-0.043 χ^2/NDF : 334866.7/32

Out: 113.336+/-0.042 χ^2/NDF : 1084851.0/34

All: 119.250+/-0.030 χ^2/NDF : 1460874.7/67

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: 205.263+/-1.170 χ^2/NDF :1619.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.834+/-1.223 χ^2/NDF :580.6/15

Left: 212.699+/-0.845 χ^2/NDF : 2284.7/32

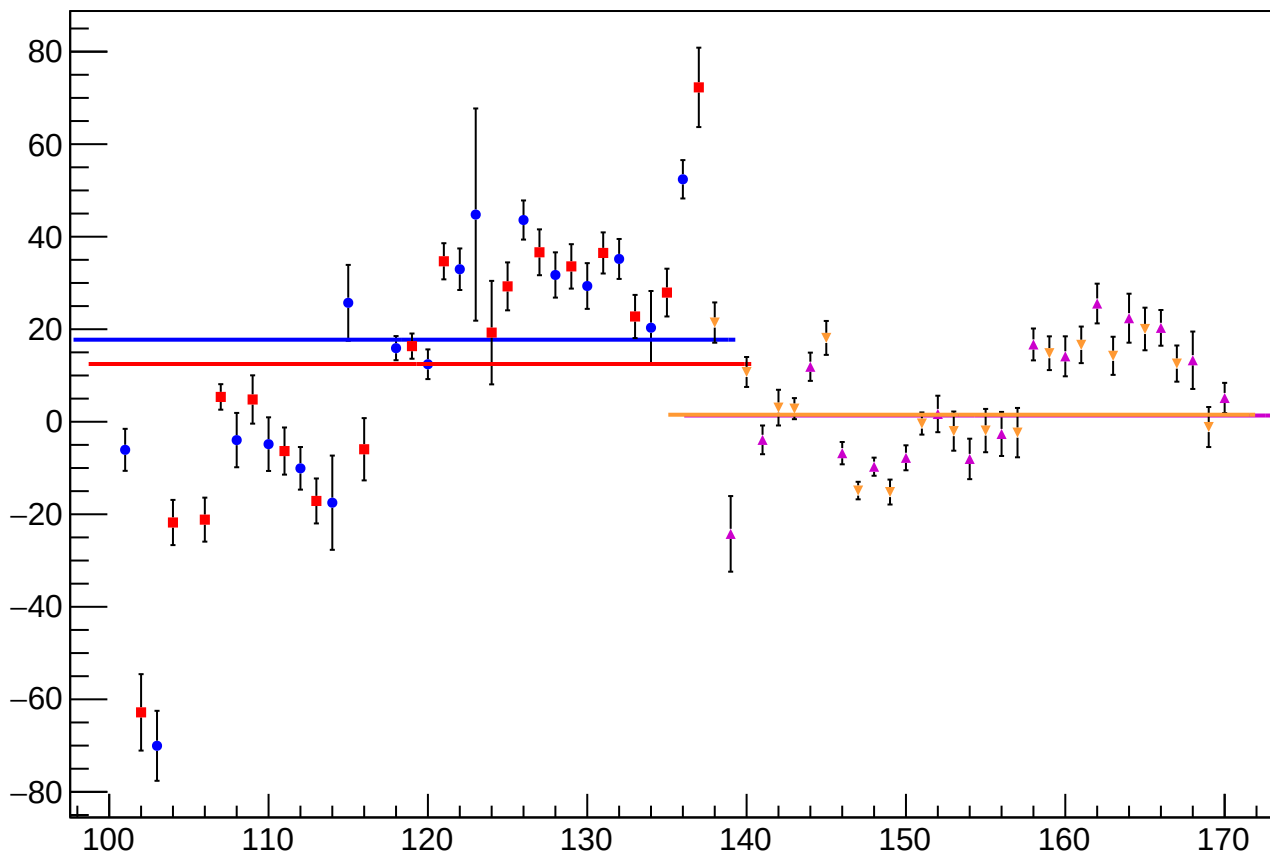
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.834+/-1.223 χ^2/NDF :580.6/15

Out: 205.263+/-1.170 χ^2/NDF :1619.5/16

All: 212.699+/-0.845 χ^2/NDF : 2284.7/32

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: 1.520 ± 0.797 χ^2/NDF : 227.9/16

Right Out: 12.484 ± 1.085 χ^2/NDF : 429.2/17

Left In: 1.347 ± 0.854 χ^2/NDF : 190.1/15

Left: 1.439 ± 0.583 χ^2/NDF : 418.0/32

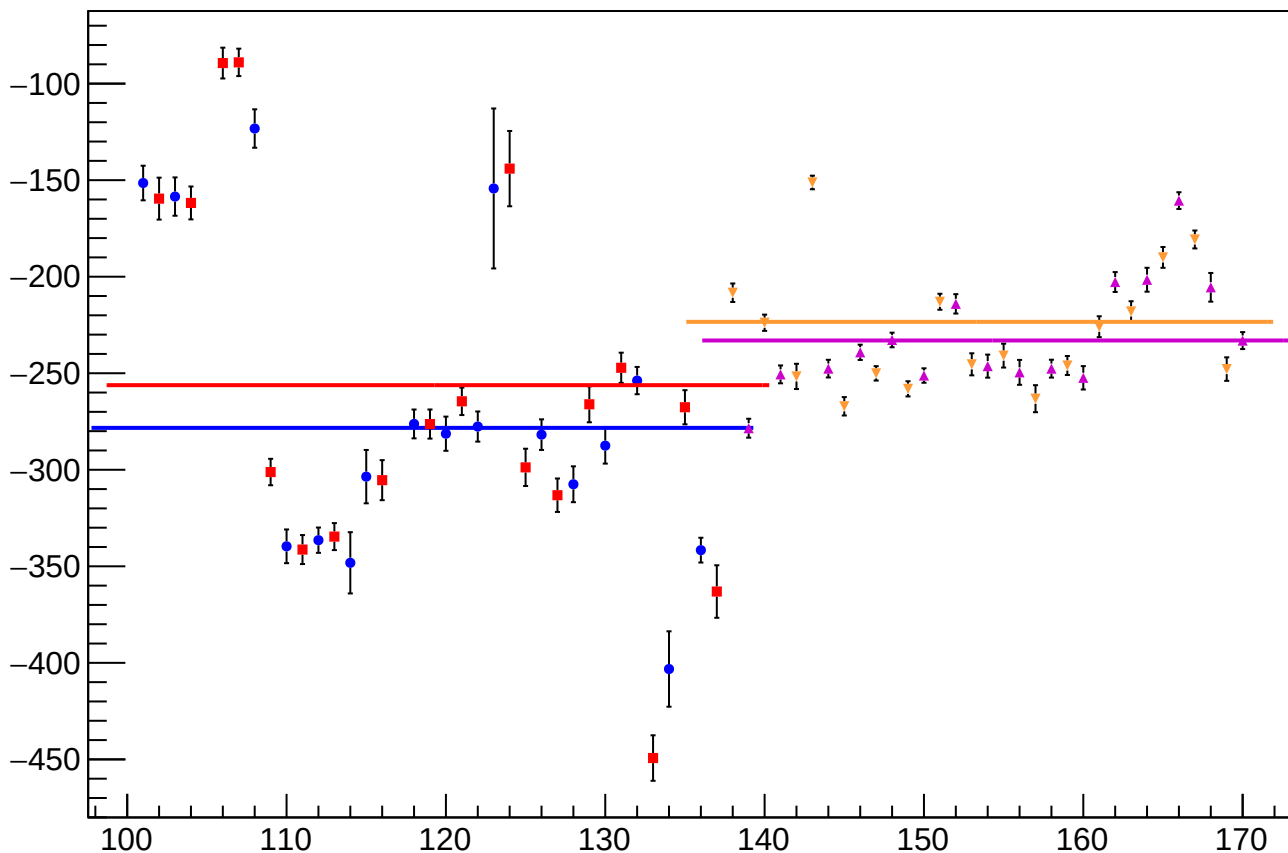
Right: 14.961 ± 0.789 χ^2/NDF : 834.2/34

In: 7.182 ± 0.685 χ^2/NDF : 715.2/32

Out: 5.363 ± 0.642 χ^2/NDF : 723.4/34

All: 6.214 ± 0.469 χ^2/NDF : 1442.3/67

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: -223.382 ± 1.163 $\chi^2/\text{NDF}: 883.9/16$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -233.031 ± 1.201 $\chi^2/\text{NDF}: 535.0/15$

Left: -228.054 ± 0.835 $\chi^2/\text{NDF}: 1452.2/32$

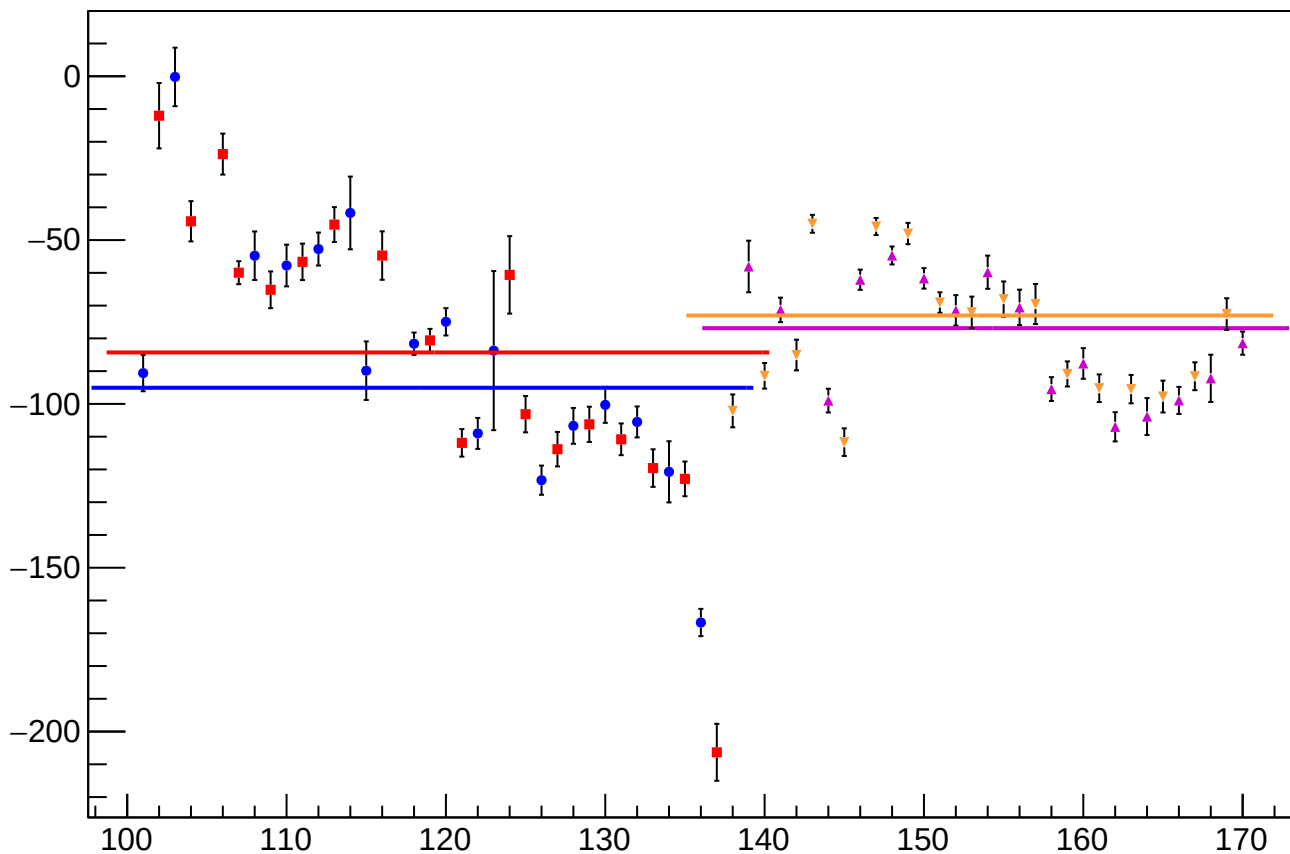
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -243.623 ± 1.051 $\chi^2/\text{NDF}: 1777.5/32$

Out: -231.519 ± 1.009 $\chi^2/\text{NDF}: 3033.3/34$

All: -237.323 ± 0.728 $\chi^2/\text{NDF}: 4879.9/67$

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: -73.010 ± 0.950 χ^2/NDF : 542.7/16

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.883 ± 1.008 χ^2/NDF : 305.9/15

Left: -74.832 ± 0.692 χ^2/NDF : 856.5/32

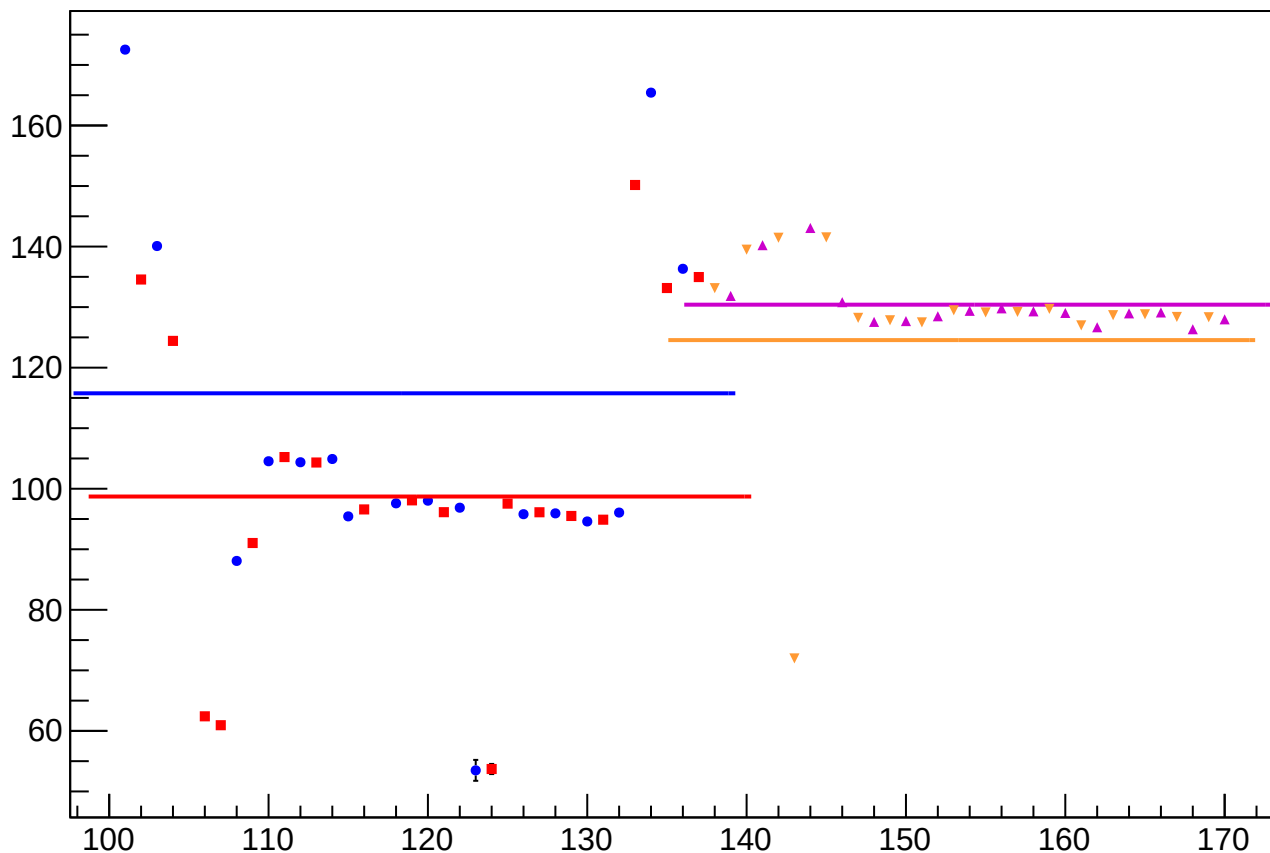
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.552 ± 0.802 χ^2/NDF : 1098.4/32

Out: -77.106 ± 0.758 χ^2/NDF : 1362.7/34

All: -80.147 ± 0.551 χ^2/NDF : 2495.2/67

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: 124.551 $\pm$ 0.047 χ^2 /NDF:163281.9/16

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 130.402 $\pm$ 0.048 χ^2 /NDF:8488.4/15

Left: 127.408 $\pm$ 0.033 χ^2 /NDF: 179430.3/32

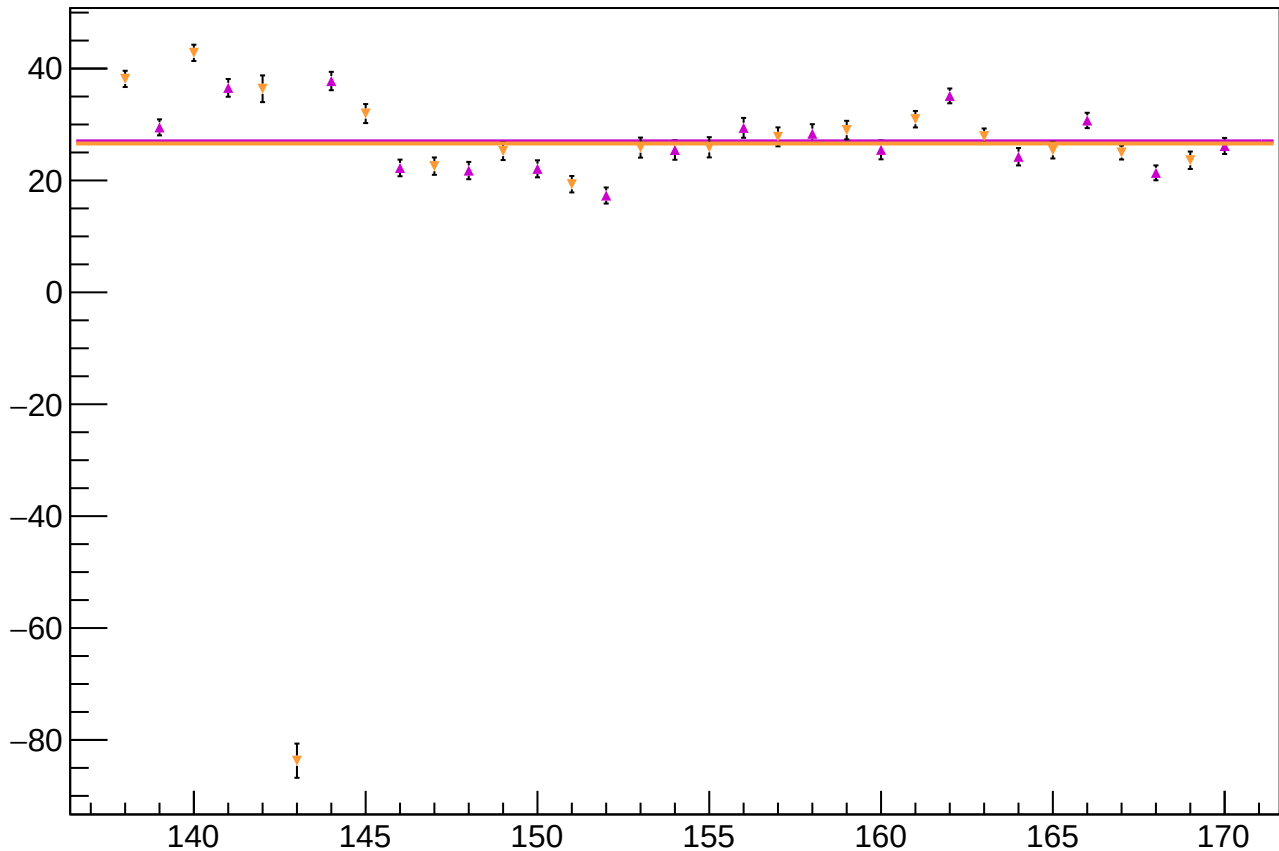
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.409 $\pm$ 0.041 χ^2 /NDF:140345.6/32

Out: 116.382 $\pm$ 0.039 χ^2 /NDF:430162.3/34

All: 121.124 $\pm$ 0.028 χ^2 /NDF: 602368.2/67

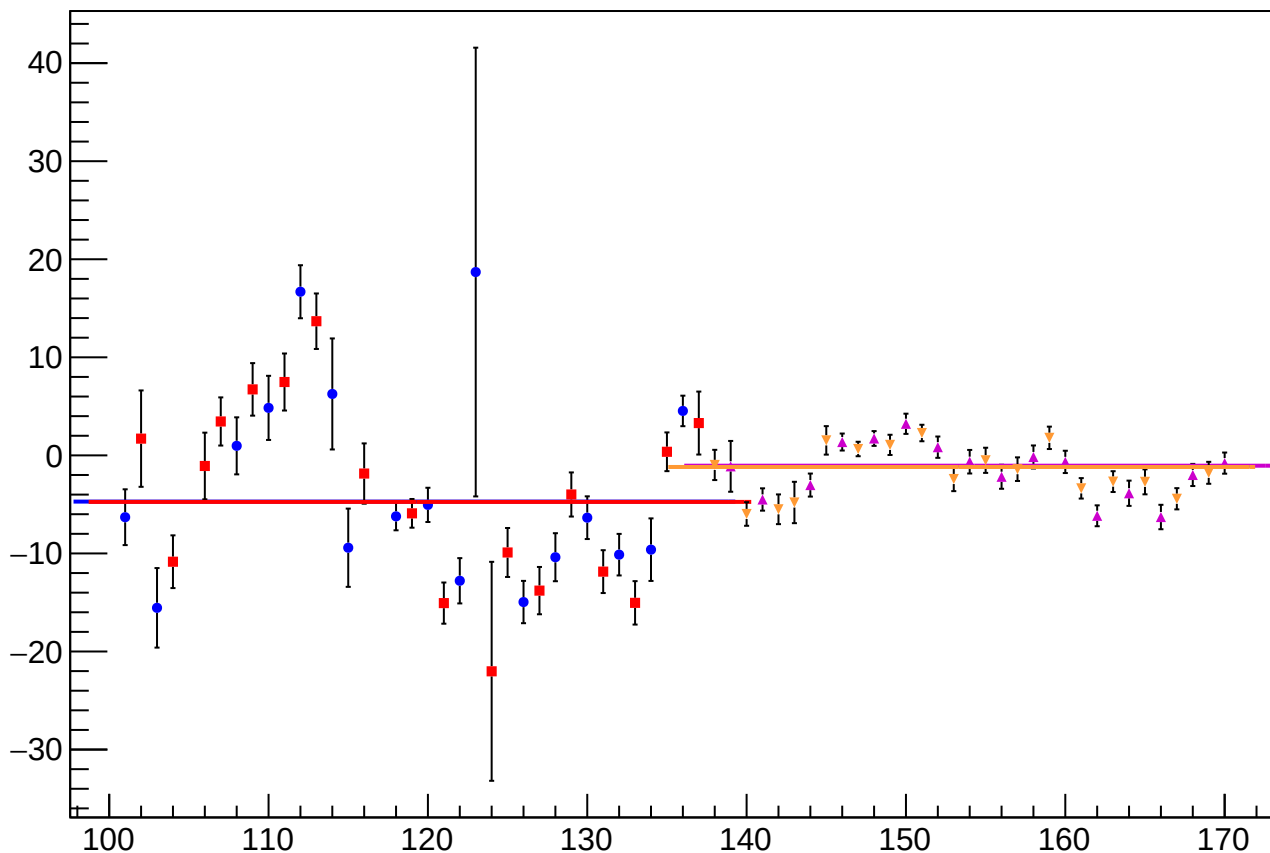
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 26.603 $\pm$ 0.388 χ^2/NDF :1567.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 26.985 $\pm$ 0.380 χ^2/NDF :230.3/15

Left: 26.798 $\pm$ 0.271 χ^2/NDF : 1797.9/32
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 26.985 $\pm$ 0.380 χ^2/NDF :230.3/15
 Out: 26.603 $\pm$ 0.388 χ^2/NDF :1567.1/16
 All: 26.798 $\pm$ 0.271 χ^2/NDF : 1797.9/32

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -1.183 ± 0.275 $\chi^2/\text{NDF}: 83.4/16$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: -1.052 ± 0.276 $\chi^2/\text{NDF}: 101.3/15$

Left: -1.118 ± 0.195 $\chi^2/\text{NDF}: 184.9/32$

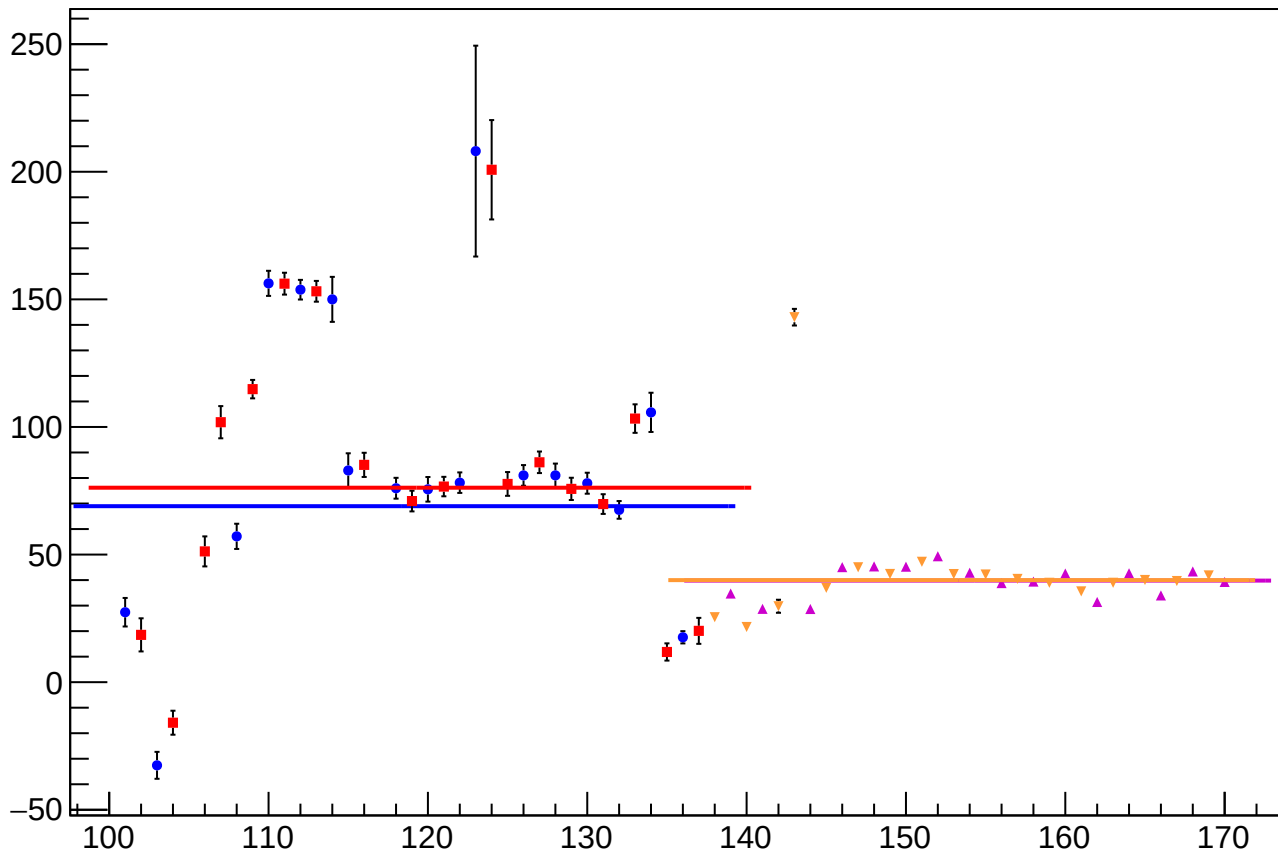
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -1.725 ± 0.249 $\chi^2/\text{NDF}: 308.5/32$

Out: -1.827 ± 0.249 $\chi^2/\text{NDF}: 303.1/34$

All: -1.776 ± 0.176 $\chi^2/\text{NDF}: 611.6/67$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.986 $\pm$ 0.381 χ^2 /NDF:1299.9/16

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 39.800 $\pm$ 0.372 χ^2 /NDF:263.2/15

Left: 39.891 $\pm$ 0.266 χ^2 /NDF: 1563.2/32

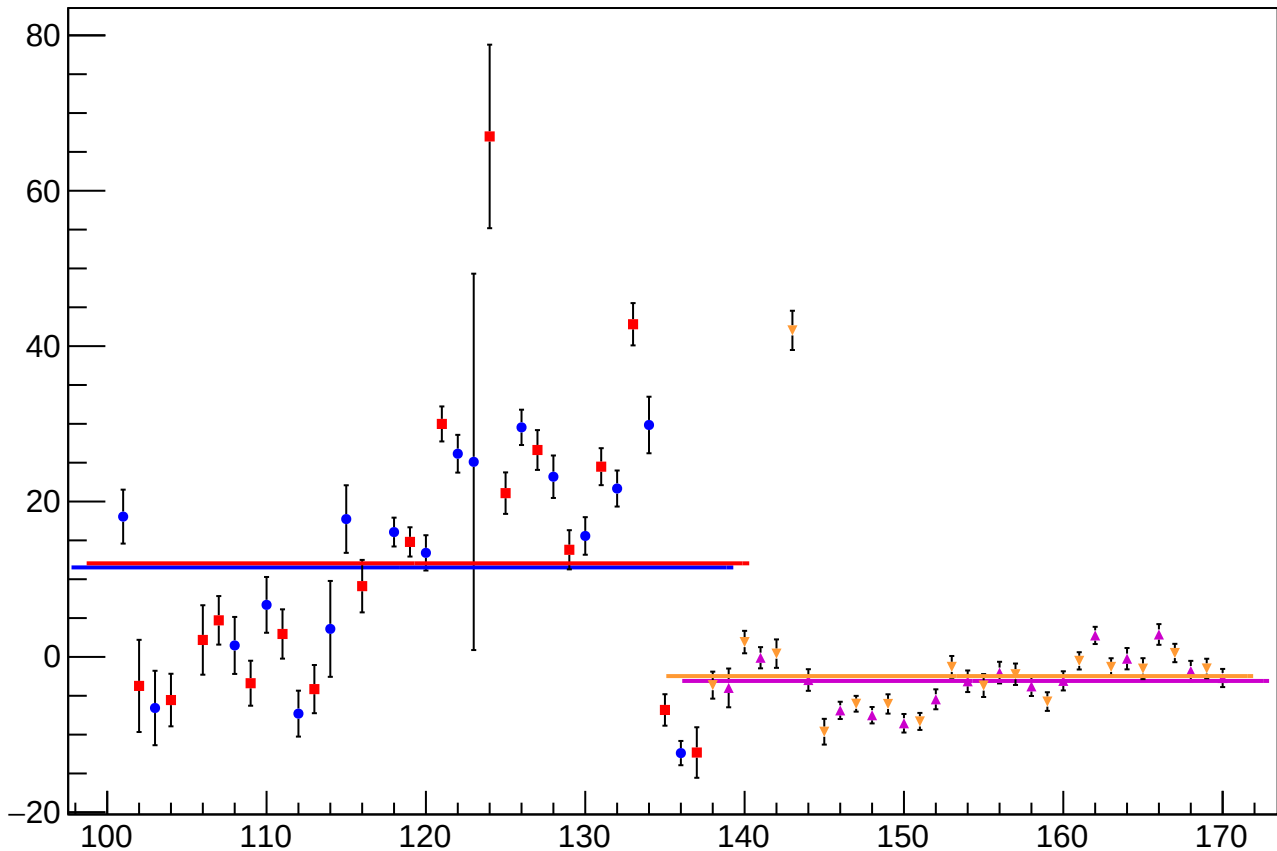
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 42.899 $\pm$ 0.352 χ^2 /NDF:2760.1/32

Out: 44.053 $\pm$ 0.359 χ^2 /NDF:4195.7/34

All: 43.465 $\pm$ 0.251 χ^2 /NDF: 6961.1/67

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: -2.466 $\pm$ 0.320 χ^2 /NDF:410.9/16

Right Out: 12.046 $\pm$ 0.665 χ^2 /NDF: 538.7/17

Left In: -3.092 $\pm$ 0.319 χ^2 /NDF:112.7/15

Left: -2.779 $\pm$ 0.226 χ^2 /NDF: 525.5/32

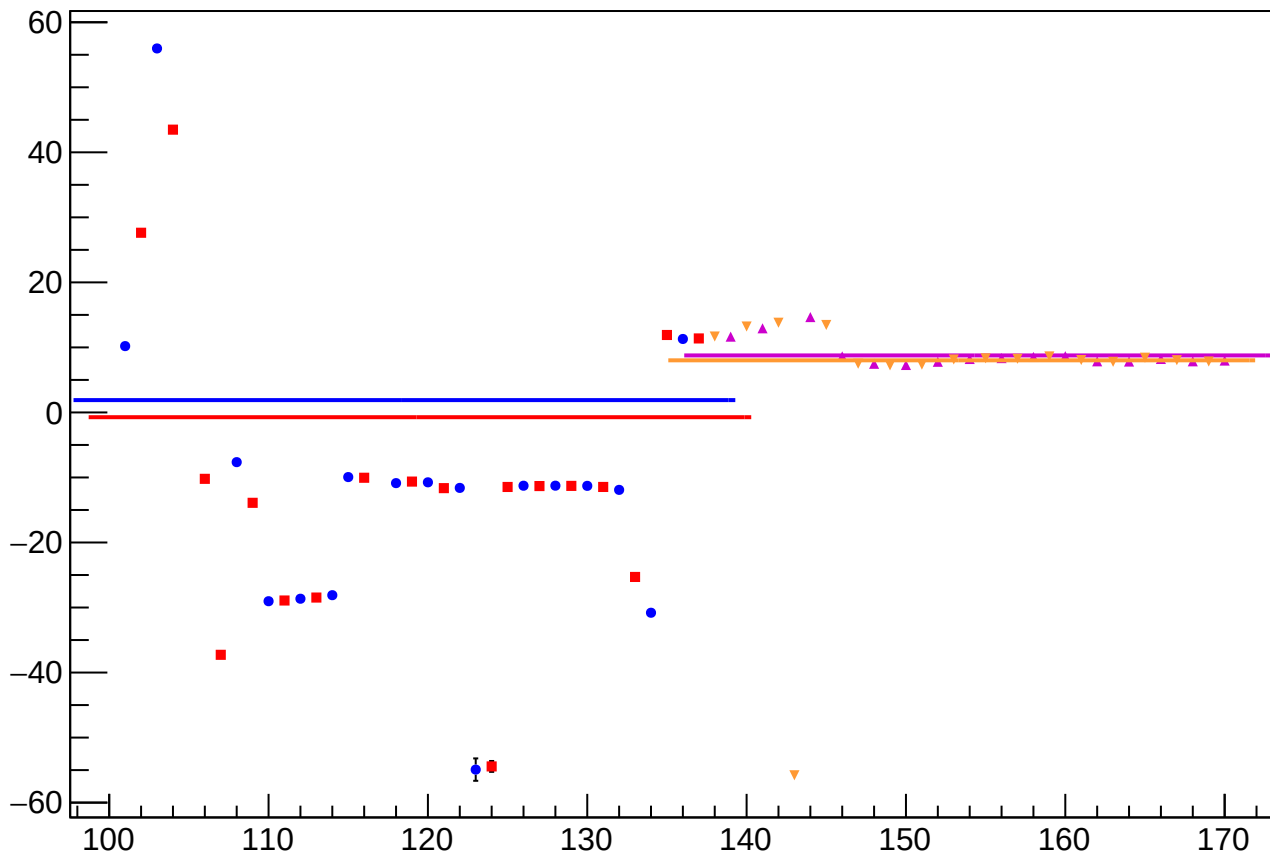
Right: 11.782 $\pm$ 0.468 χ^2 /NDF: 1016.2/34

In: -0.317 $\pm$ 0.287 χ^2 /NDF:987.2/32

Out: 0.261 $\pm$ 0.288 χ^2 /NDF:1336.9/34

All: -0.029 $\pm$ 0.203 χ^2 /NDF: 2326.2/67

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.013 ± 0.015 χ^2/NDF : 256524.9/16

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 8.767 ± 0.015 χ^2/NDF : 15109.0/15

Left: 8.399 ± 0.010 χ^2/NDF : 272940.4/32

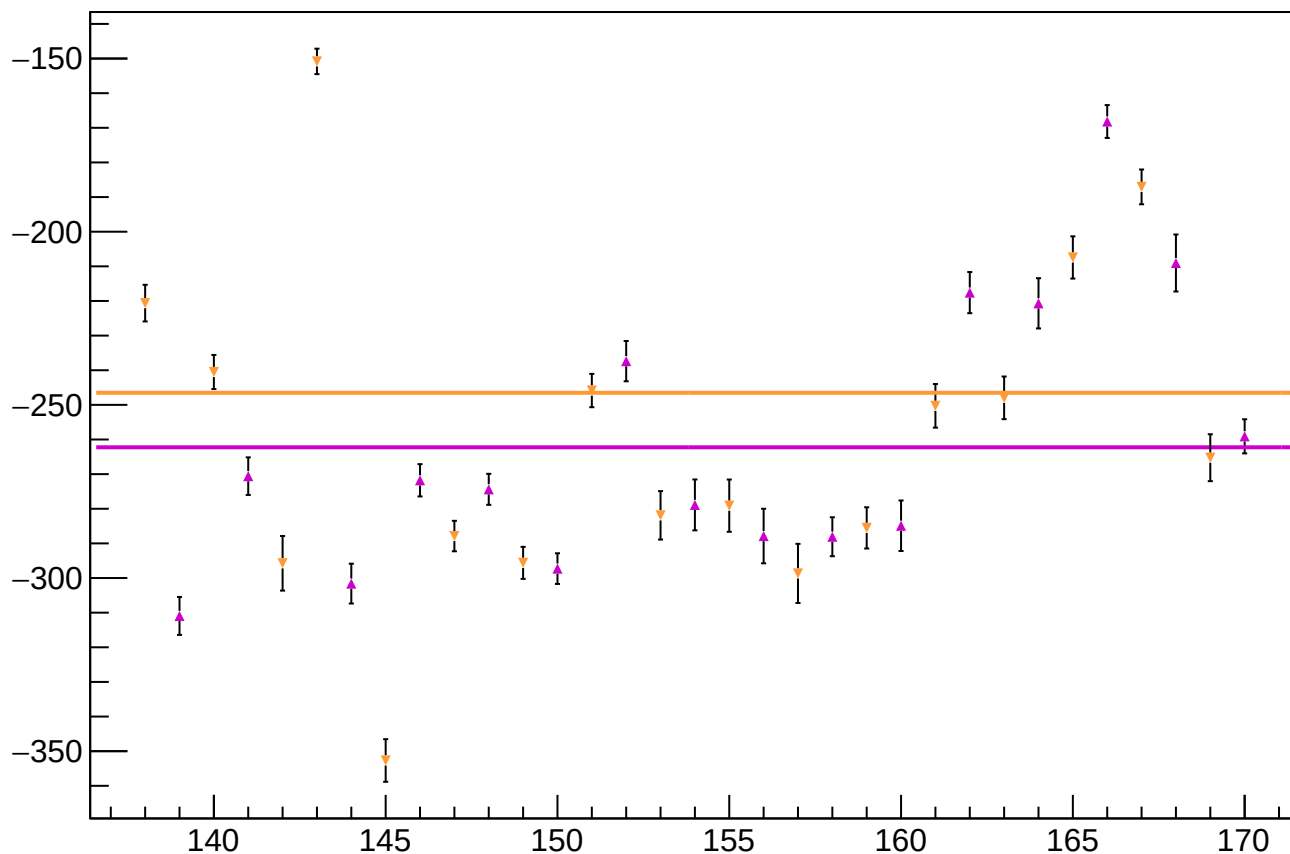
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.848 ± 0.014 χ^2/NDF : 403765.2/32

Out: 6.796 ± 0.014 χ^2/NDF : 664261.2/34

All: 7.333 ± 0.010 χ^2/NDF : 1070975.9/67

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: -246.505+/-1.342 χ^2/NDF :1554.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -262.252+/-1.405 χ^2/NDF :791.9/15

Left: -254.020+/-0.970 χ^2/NDF : 2412.2/32

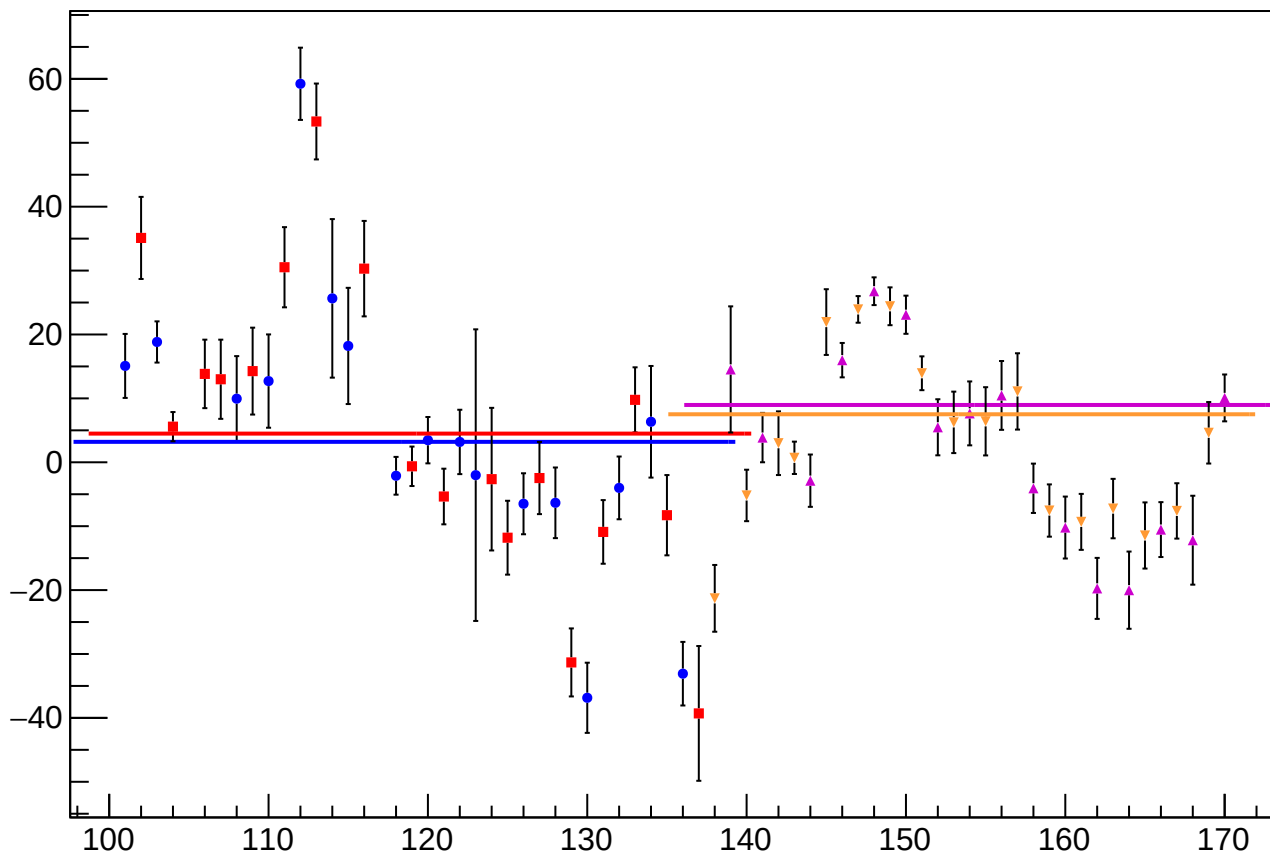
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.252+/-1.405 χ^2/NDF :791.9/15

Out: -246.505+/-1.342 χ^2/NDF :1554.6/16

All: -254.020+/-0.970 χ^2/NDF : 2412.2/32

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: 7.514 ± 0.906 $\chi^2/\text{NDF}: 221.7/16$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 8.970 ± 0.973 $\chi^2/\text{NDF}: 223.8/15$

Left: 8.190 ± 0.663 $\chi^2/\text{NDF}: 446.8/32$

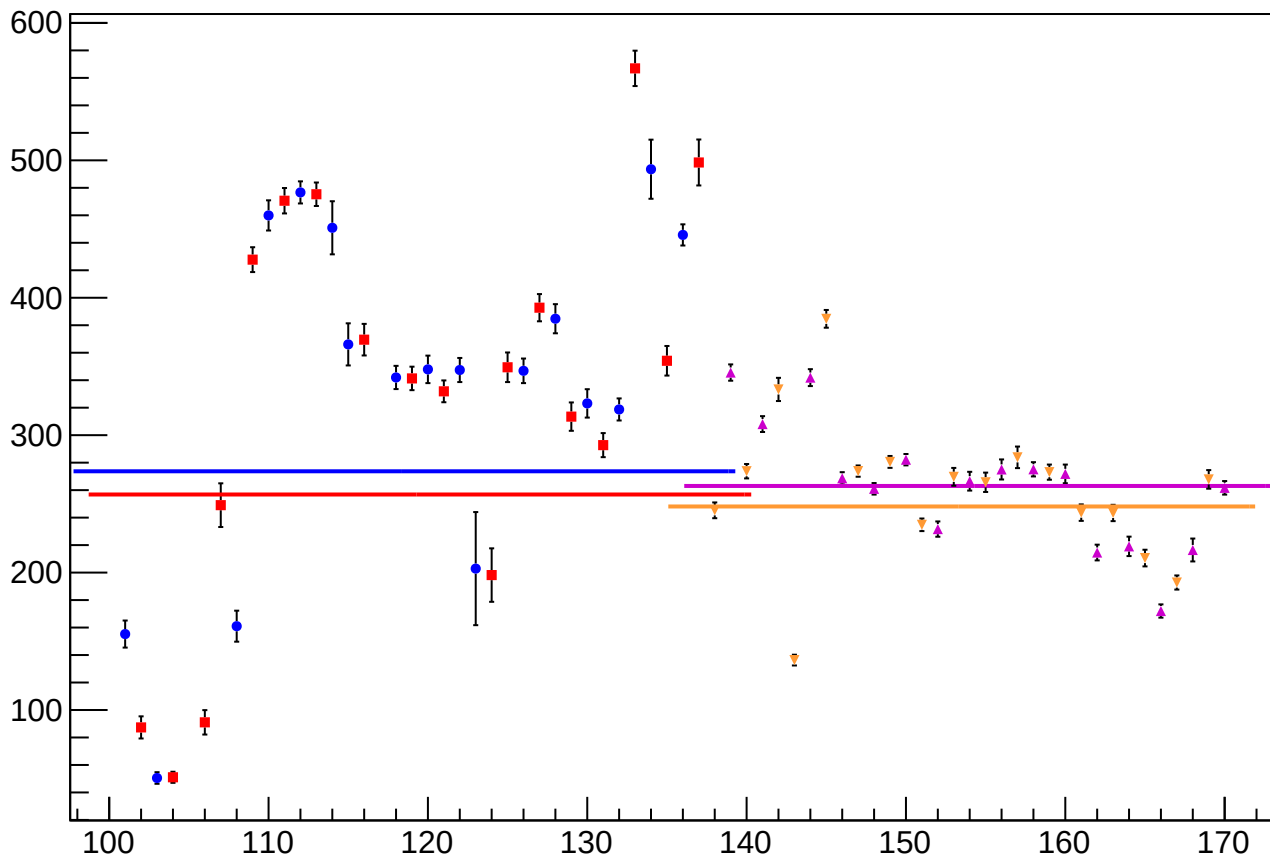
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 6.743 ± 0.762 $\chi^2/\text{NDF}: 492.6/32$

Out: 6.366 ± 0.714 $\chi^2/\text{NDF}: 447.7/34$

All: 6.542 ± 0.521 $\chi^2/\text{NDF}: 940.4/67$

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: 248.107 $\pm$ 1.329 χ^2 /NDF:1712.8/16

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 263.041 $\pm$ 1.373 χ^2 /NDF:980.0/15

Left: 255.331 $\pm$ 0.955 χ^2 /NDF: 2753.9/32

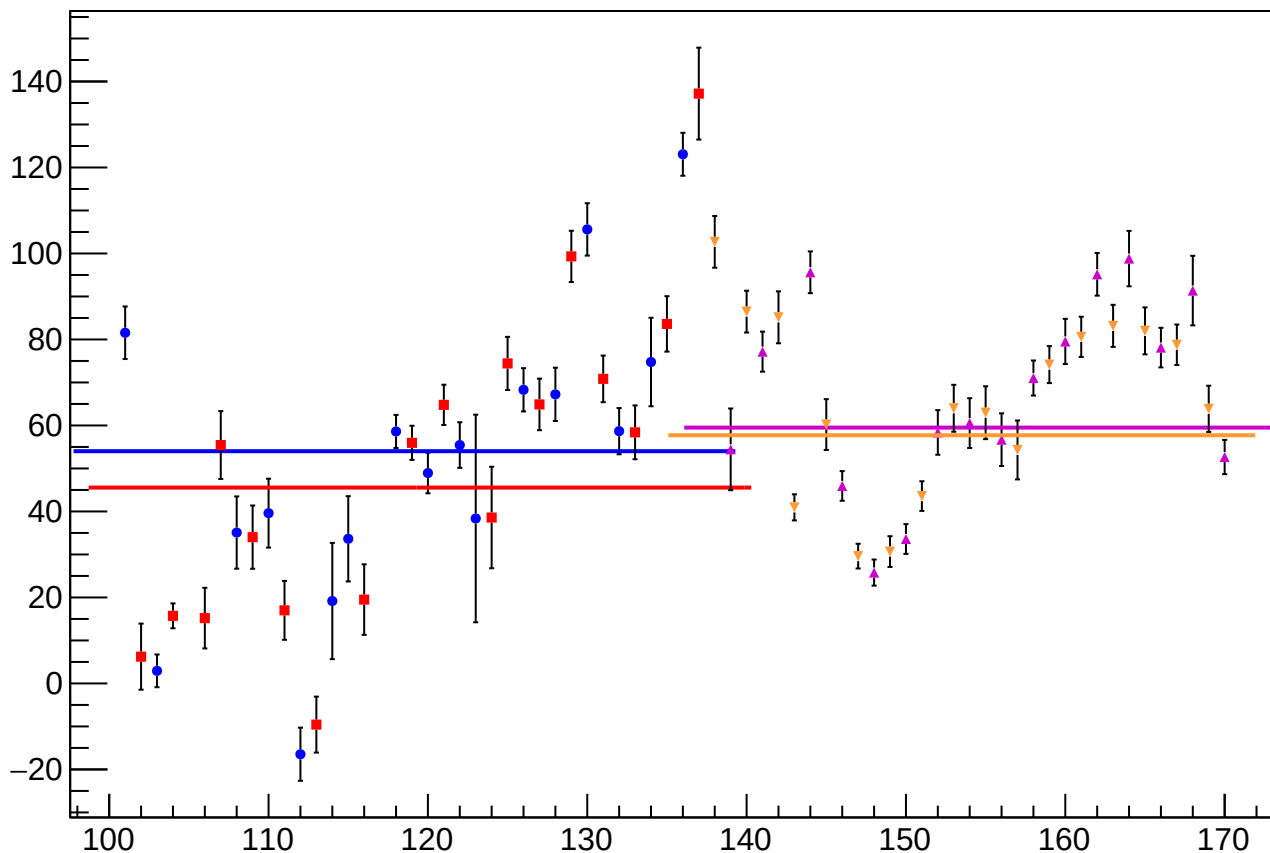
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 266.044 $\pm$ 1.164 χ^2 /NDF:6100.3/32

Out: 250.628 $\pm$ 1.120 χ^2 /NDF:8137.0/34

All: 258.043 $\pm$ 0.807 χ^2 /NDF: 14328.4/67

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: 57.726 $\pm$ 1.082 χ^2 /NDF:421.1/16

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 59.504 $\pm$ 1.150 χ^2 /NDF:411.3/15

Left: 58.560 $\pm$ 0.788 χ^2 /NDF: 833.7/32

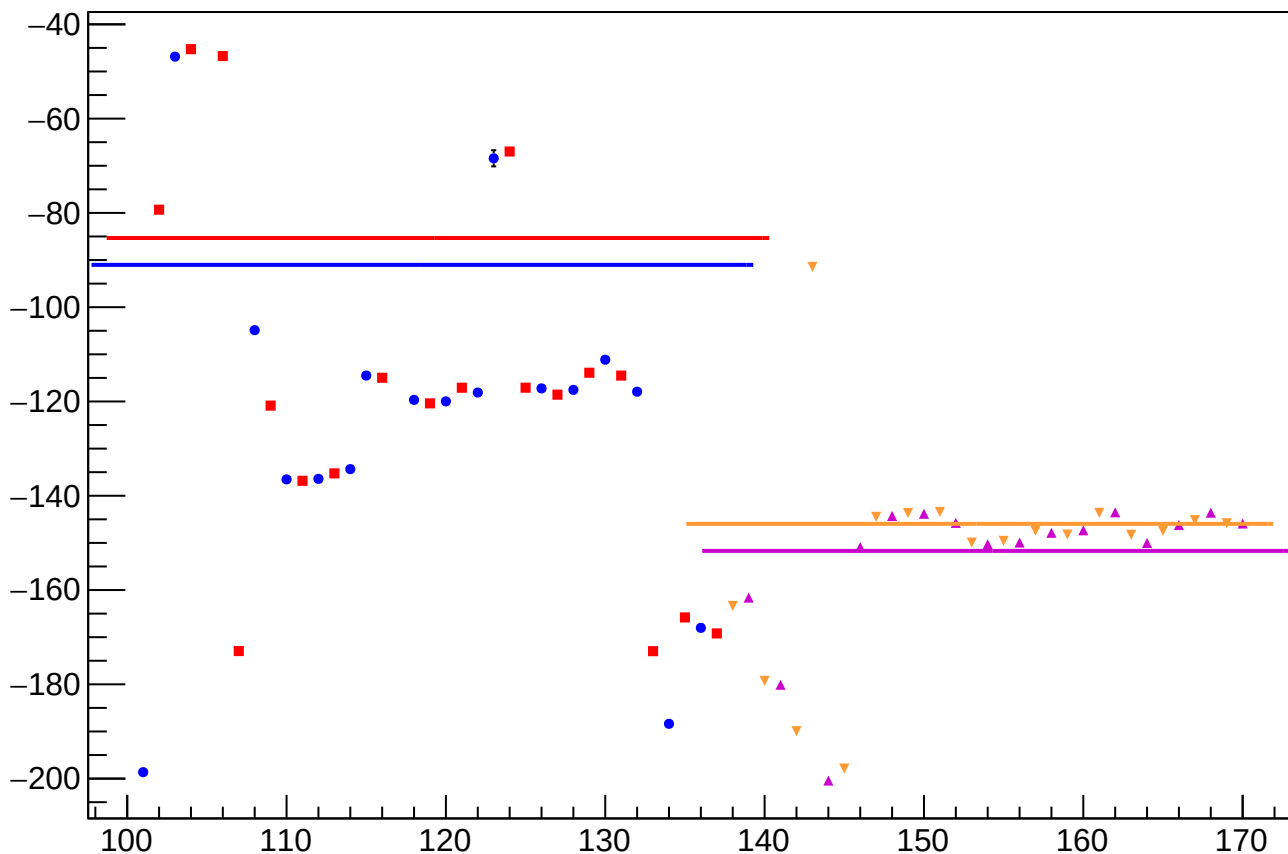
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.335 $\pm$ 0.895 χ^2 /NDF:1053.1/32

Out: 53.001 $\pm$ 0.846 χ^2 /NDF:996.9/34

All: 55.048 $\pm$ 0.615 χ^2 /NDF: 2062.4/67

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.959 ± 0.053 $\chi^2/\text{NDF}: 205715.1/16$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -151.695 ± 0.055 $\chi^2/\text{NDF}: 58632.1/15$

Left: -148.760 ± 0.038 $\chi^2/\text{NDF}: 269975.5/32$

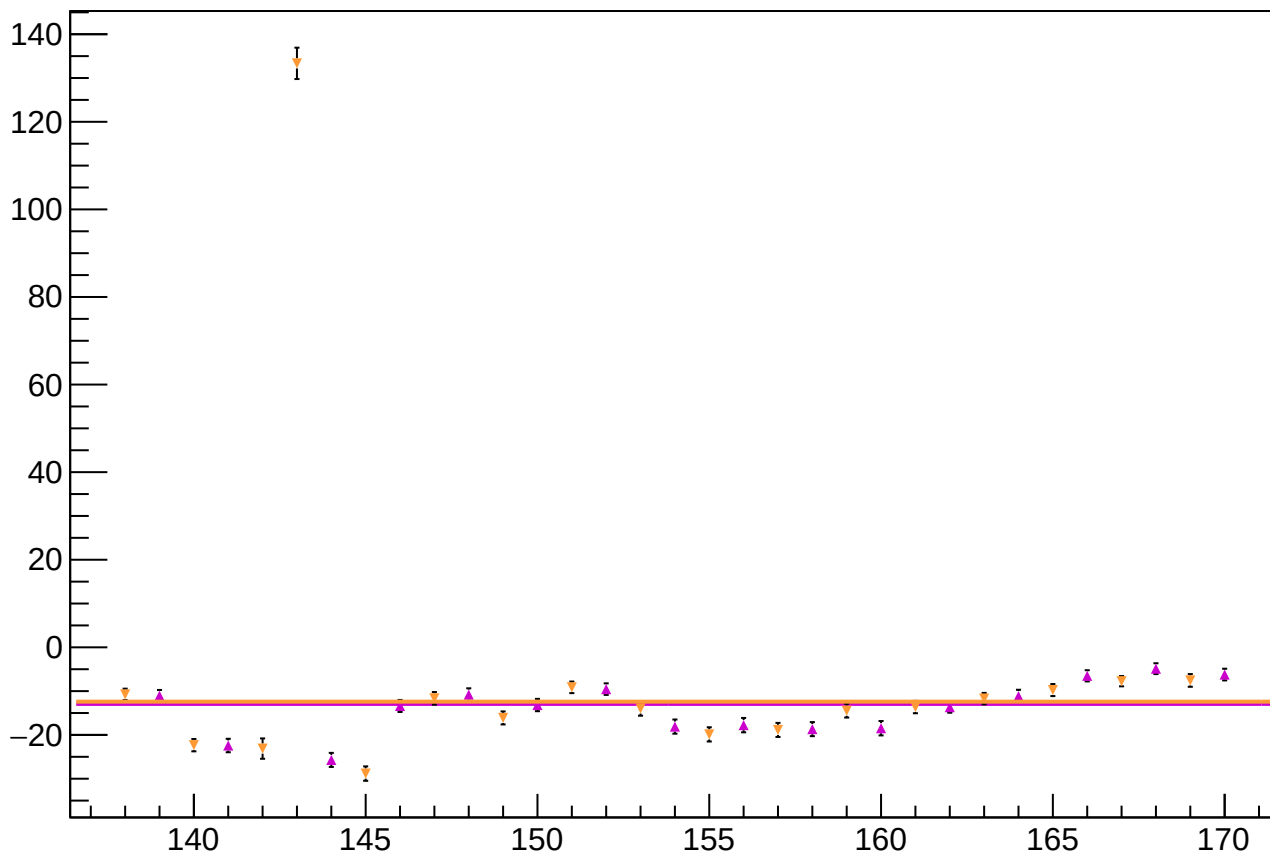
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -127.690 ± 0.043 $\chi^2/\text{NDF}: 1080003.5/32$

Out: -121.585 ± 0.041 $\chi^2/\text{NDF}: 1206615.0/34$

All: -124.550 ± 0.030 $\chi^2/\text{NDF}: 2297222.8/67$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.406+/-0.363 χ^2/NDF :1912.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.915+/-0.355 χ^2/NDF :250.3/15

Left: -12.667+/-0.254 χ^2/NDF : 2163.7/32

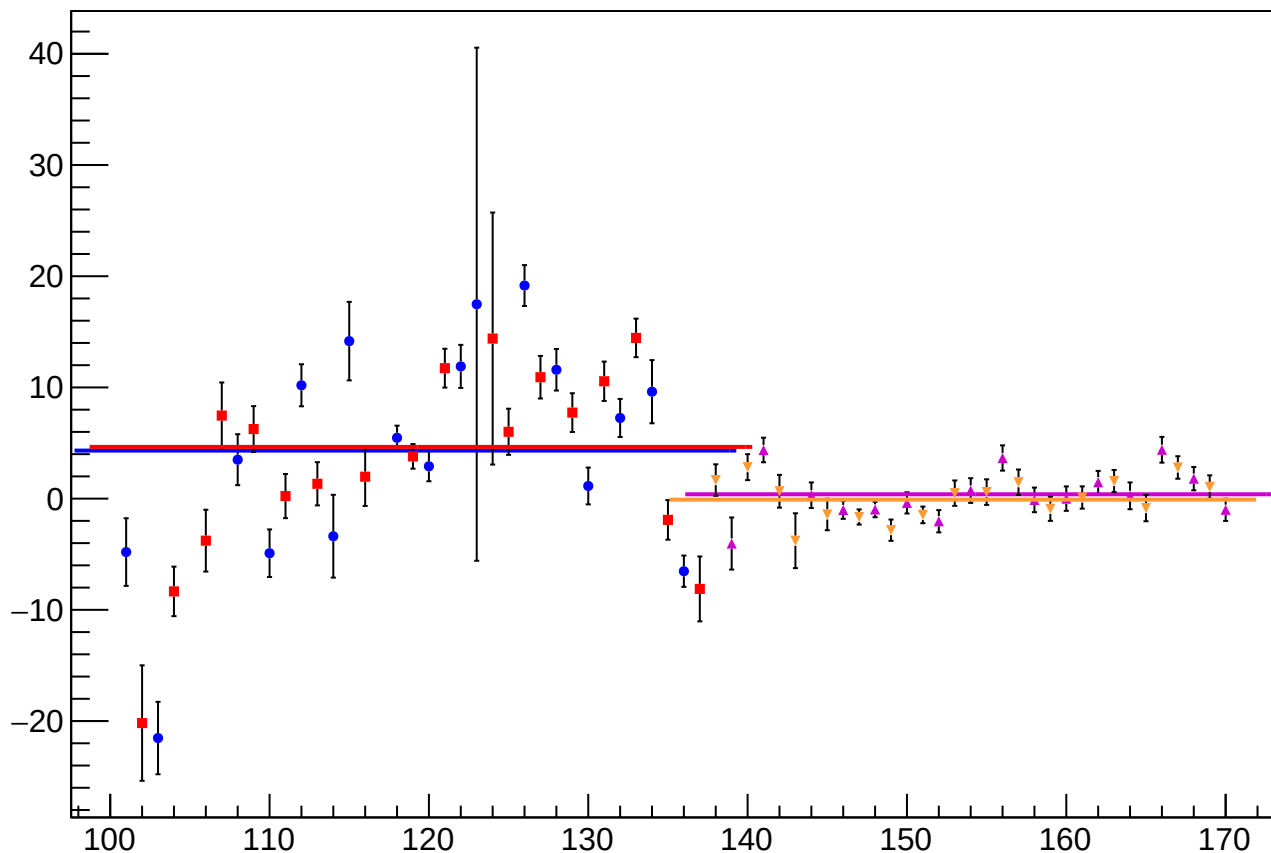
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.915+/-0.355 χ^2/NDF :250.3/15

Out: -12.406+/-0.363 χ^2/NDF :1912.4/16

All: -12.667+/-0.254 χ^2/NDF : 2163.7/32

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: -0.092 ± 0.257 $\chi^2/\text{NDF}: 43.8/16$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.390 ± 0.258 $\chi^2/\text{NDF}: 55.5/15$

Left: 0.148 ± 0.182 $\chi^2/\text{NDF}: 101.0/32$

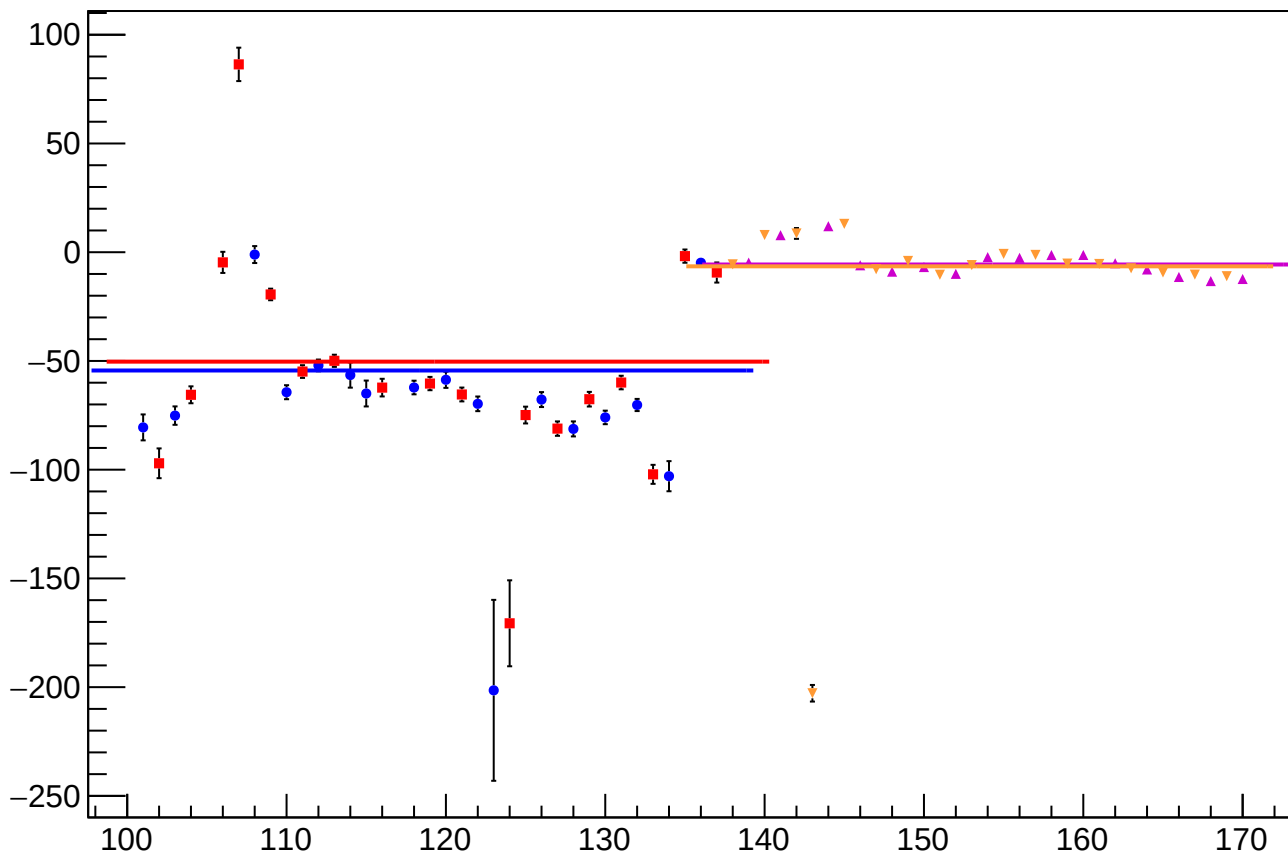
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.315 ± 0.226 $\chi^2/\text{NDF}: 390.4/32$

Out: 0.985 ± 0.226 $\chi^2/\text{NDF}: 305.6/34$

All: 1.150 ± 0.160 $\chi^2/\text{NDF}: 697.1/67$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -6.489 ± 0.356 $\chi^2/\text{NDF}: 2966.9/16$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -5.648 ± 0.348 $\chi^2/\text{NDF}: 301.8/15$

Left: -6.058 ± 0.249 $\chi^2/\text{NDF}: 3271.5/32$

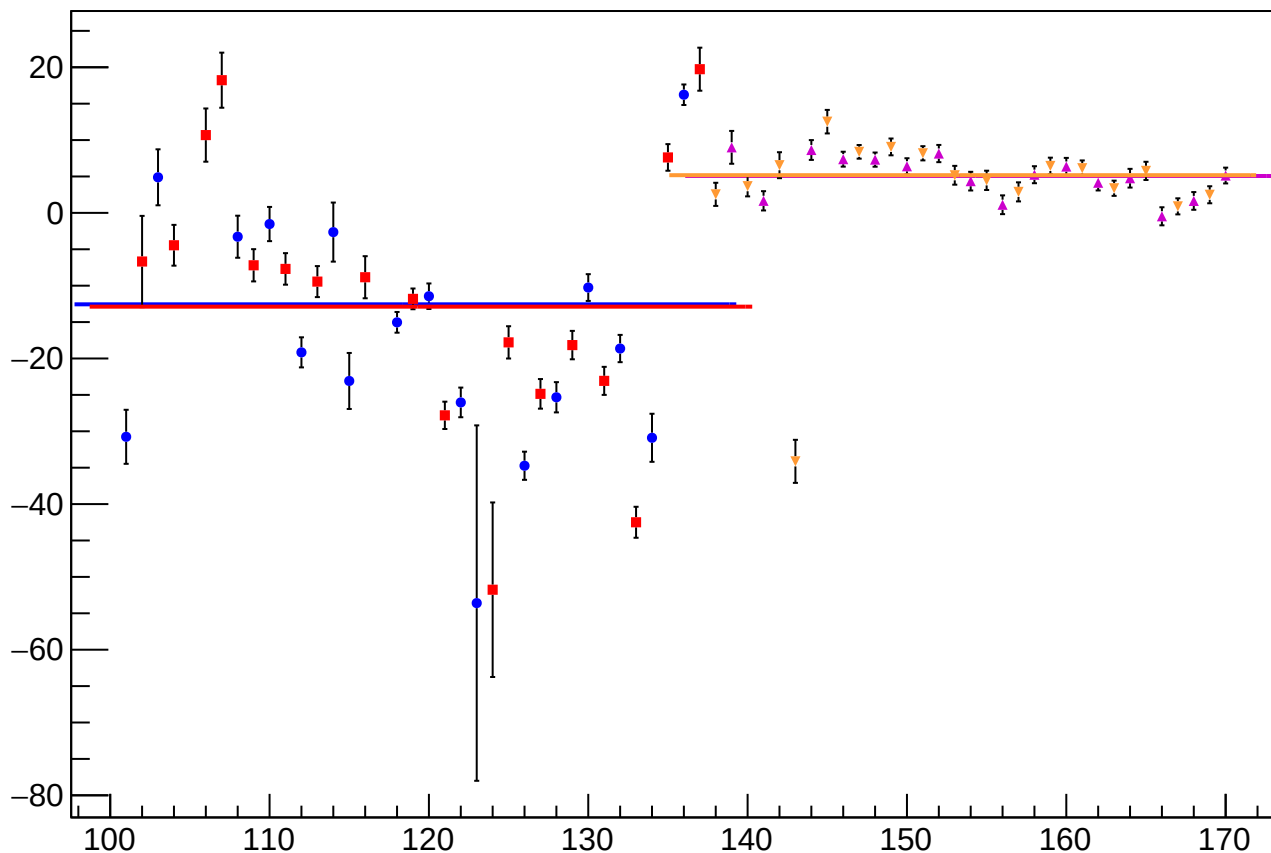
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -12.437 ± 0.323 $\chi^2/\text{NDF}: 4051.6/32$

Out: -12.935 ± 0.329 $\chi^2/\text{NDF}: 6510.0/34$

All: -12.681 ± 0.230 $\chi^2/\text{NDF}: 10562.8/67$

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: 5.176 ± 0.299 χ^2/NDF : 263.4/16

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.066 ± 0.299 χ^2/NDF : 74.8/15

Left: 5.121 ± 0.212 χ^2/NDF : 338.3/32

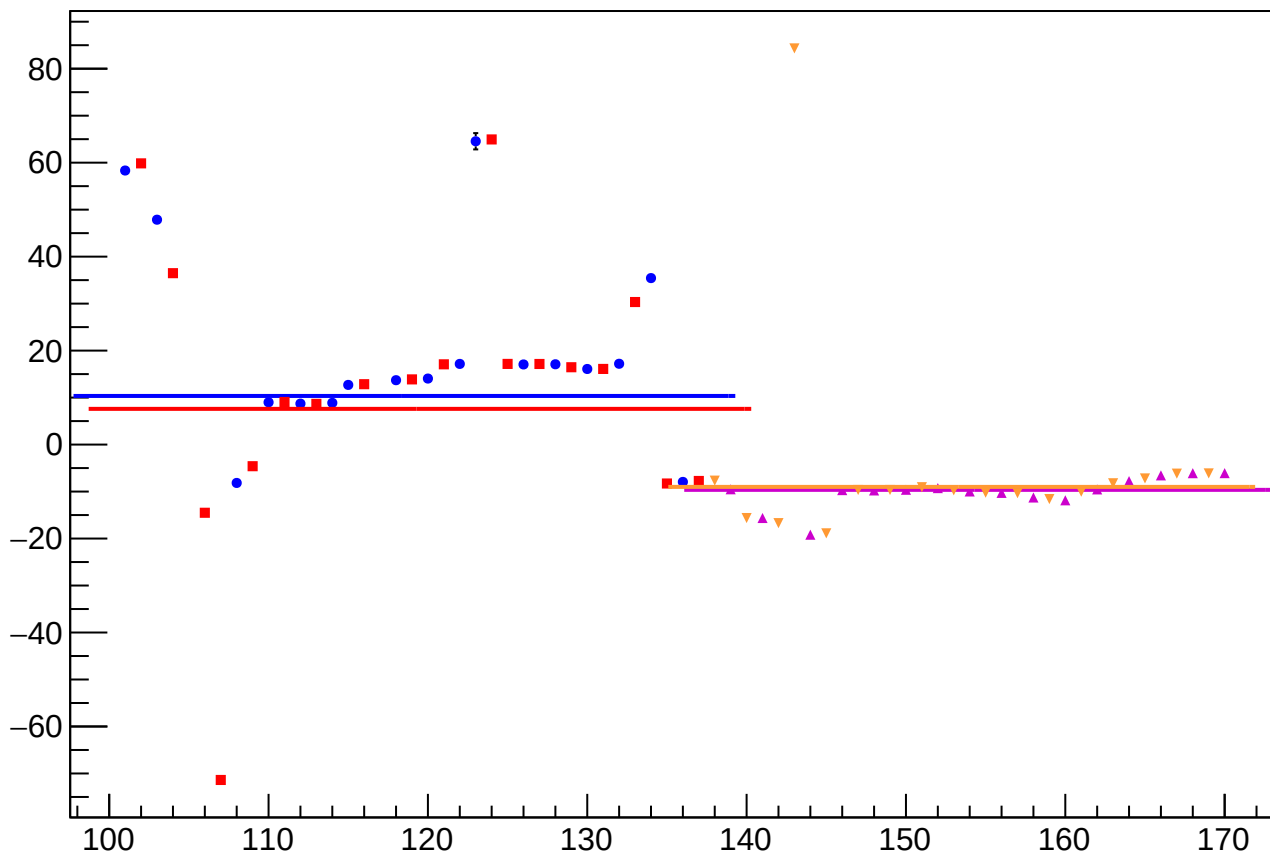
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.823 ± 0.261 χ^2/NDF : 1689.6/32

Out: 0.913 ± 0.262 χ^2/NDF : 1849.7/34

All: 0.868 ± 0.185 χ^2/NDF : 3539.3/67

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2 /NDF: 380878.9/16

Left Out: -9.007 $\pm$ 0.014 χ^2 /NDF: 419013.6/16

Right Out: 7.602 $\pm$ 0.031 χ^2 /NDF: 538460.3/17

Left In: -9.637 $\pm$ 0.014 χ^2 /NDF: 41981.9/15

Left: -9.330 $\pm$ 0.010 χ^2 /NDF: 462042.5/32

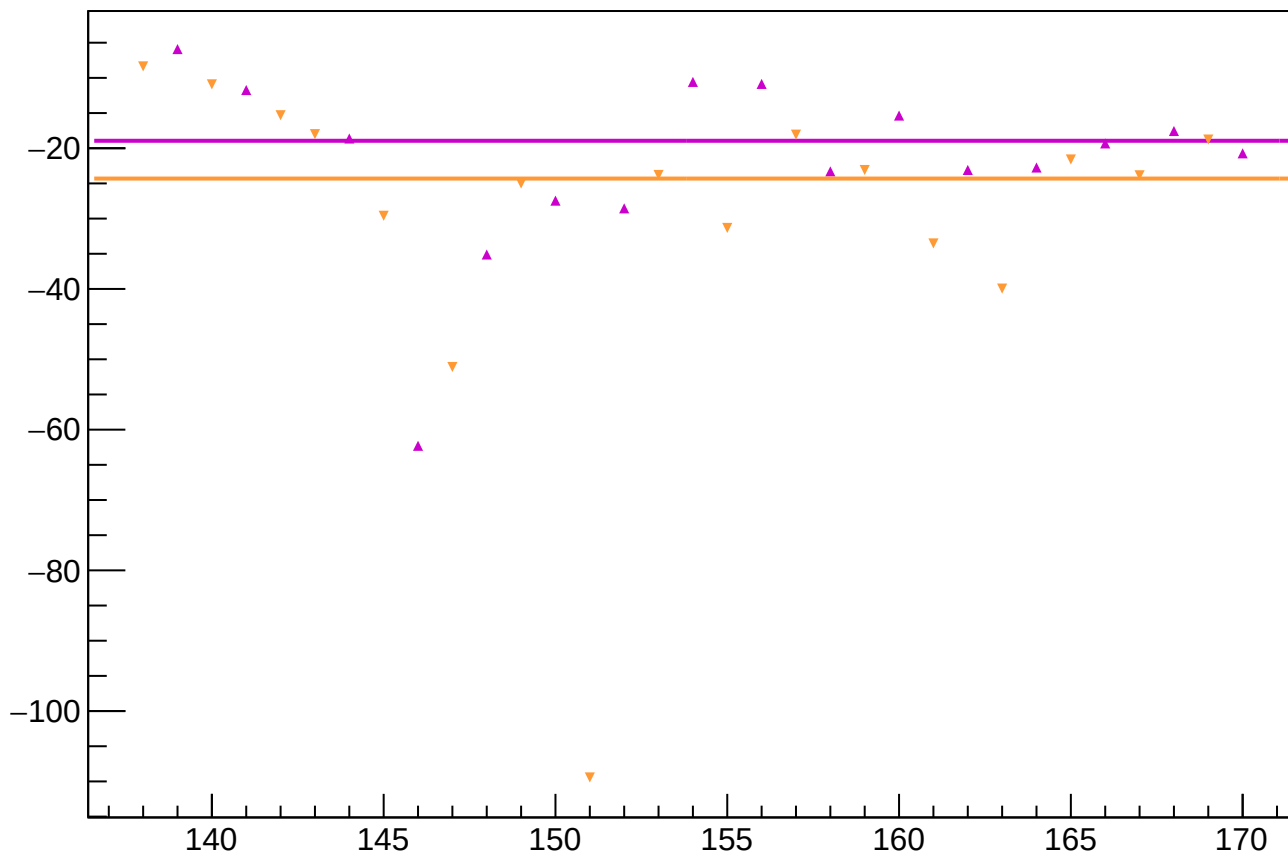
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -6.338 $\pm$ 0.012 χ^2 /NDF: 779535.5/32

Out: -6.250 $\pm$ 0.013 χ^2 /NDF: 1192411.5/34

All: -6.295 $\pm$ 0.009 χ^2 /NDF: 1971971.1/67

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: -24.310 $\pm$ 0.058 χ^2 /NDF:57744.9/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -18.939 $\pm$ 0.050 χ^2 /NDF:38014.4/15

Left: -21.238 $\pm$ 0.038 χ^2 /NDF: 100619.1/32

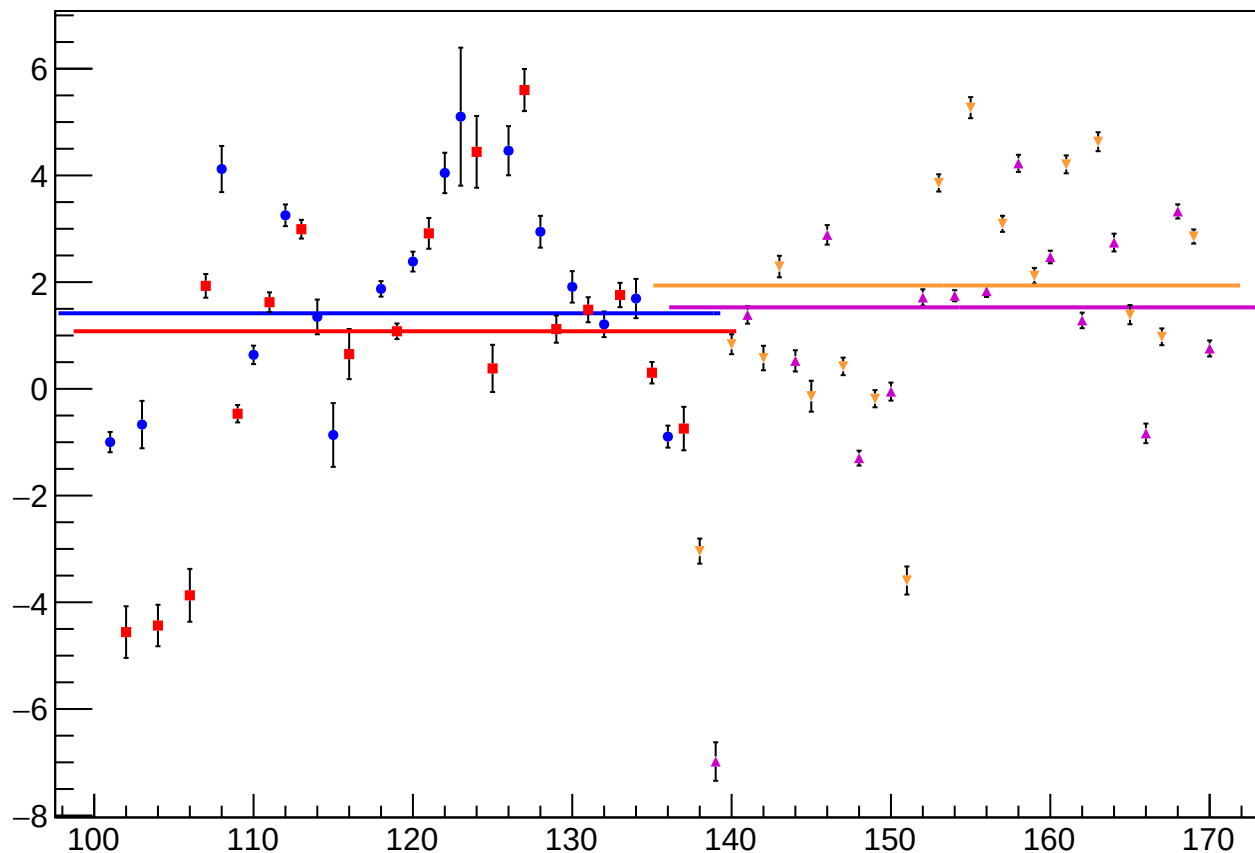
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -18.939 $\pm$ 0.050 χ^2 /NDF:38014.4/15

Out: -24.310 $\pm$ 0.058 χ^2 /NDF:57744.9/16

All: -21.238 $\pm$ 0.038 χ^2 /NDF: 100619.1/32

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: 1.937 ± 0.043 χ^2/NDF : 2267.1/16

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.528 ± 0.037 χ^2/NDF : 1924.5/15

Left: 1.702 ± 0.028 χ^2/NDF : 4243.8/32

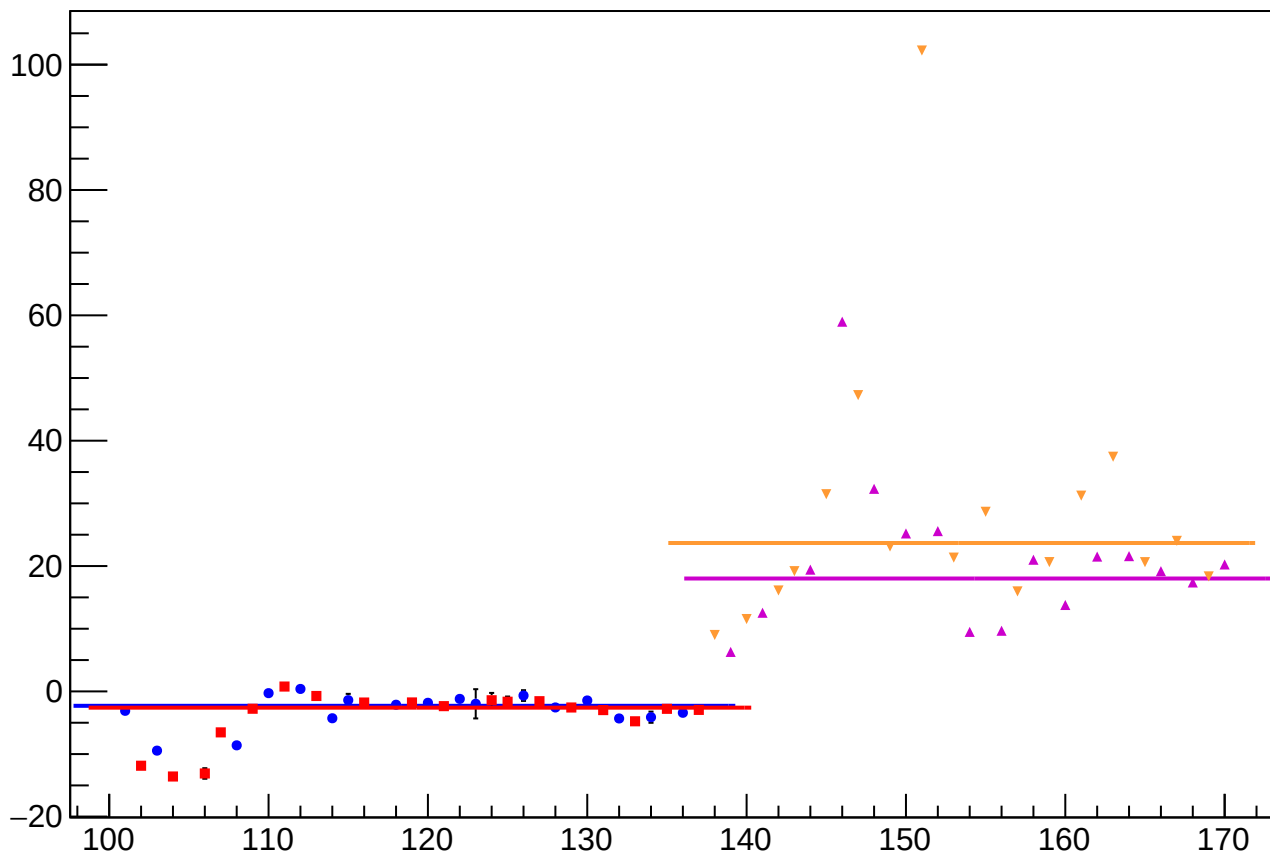
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.498 ± 0.032 χ^2/NDF : 2558.1/32

Out: 1.635 ± 0.035 χ^2/NDF : 3323.9/34

All: 1.560 ± 0.023 χ^2/NDF : 5890.6/67

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 23.677 ± 0.057 $\chi^2/\text{NDF}: 51733.2/16$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 18.012 ± 0.049 $\chi^2/\text{NDF}: 35895.2/15$

Left: 20.399 ± 0.037 $\chi^2/\text{NDF}: 93270.6/32$

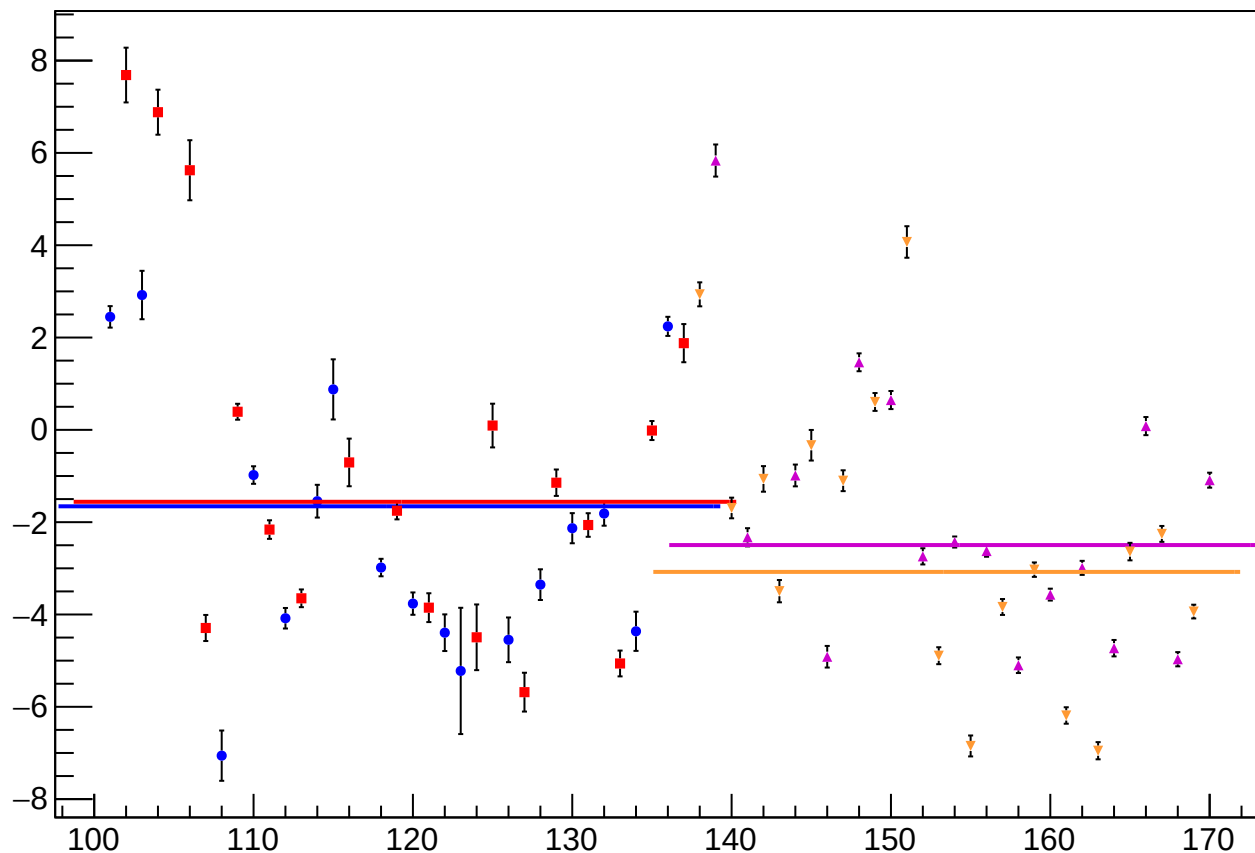
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 14.695 ± 0.045 $\chi^2/\text{NDF}: 64432.8/32$

Out: 17.098 ± 0.050 $\chi^2/\text{NDF}: 105119.4/34$

All: 15.773 ± 0.033 $\chi^2/\text{NDF}: 170842.3/67$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -3.077 ± 0.049 χ^2/NDF : 2767.5/16

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.496 ± 0.042 χ^2/NDF : 2379.7/15

Left: -2.743 ± 0.032 χ^2/NDF : 5228.6/32

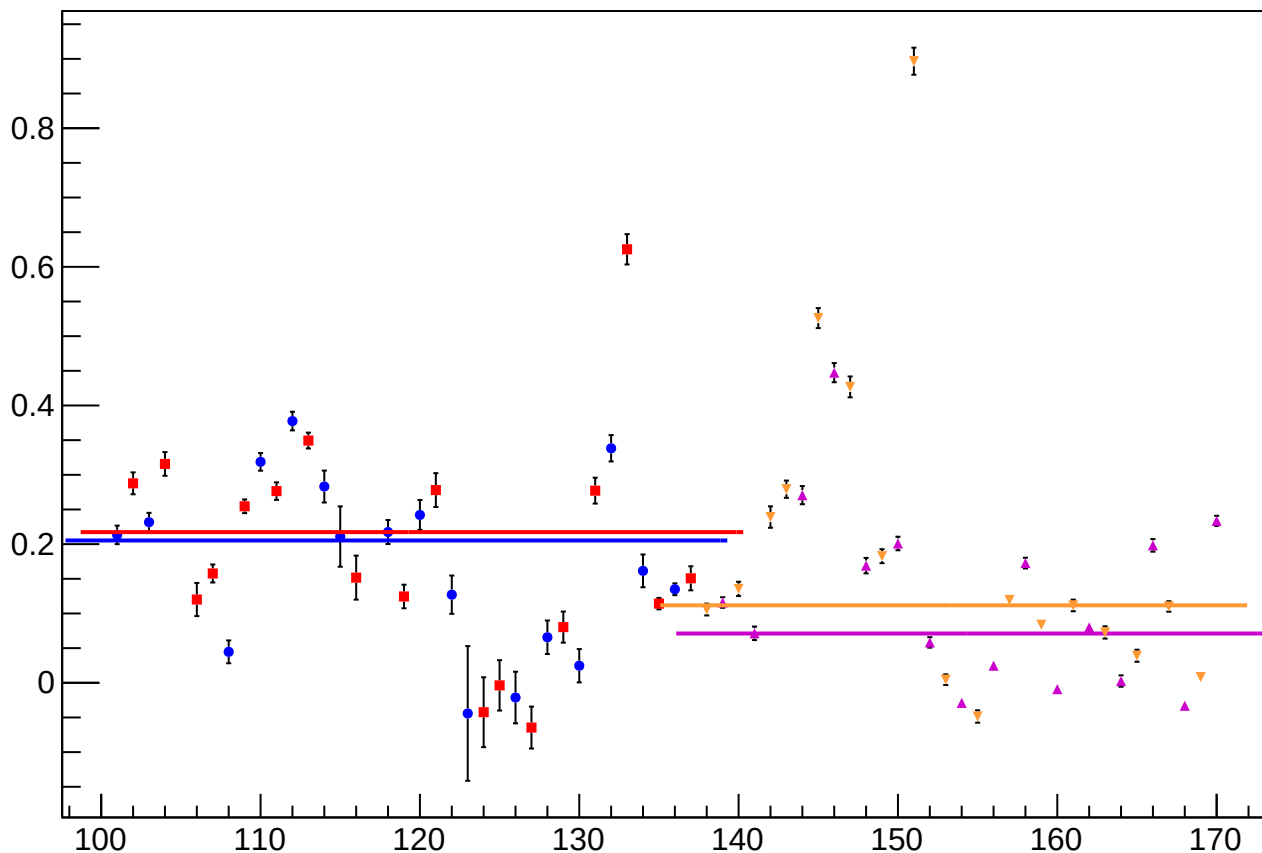
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.276 ± 0.036 χ^2/NDF : 3755.6/32

Out: -2.537 ± 0.039 χ^2/NDF : 4596.4/34

All: -2.396 ± 0.027 χ^2/NDF : 8376.1/67

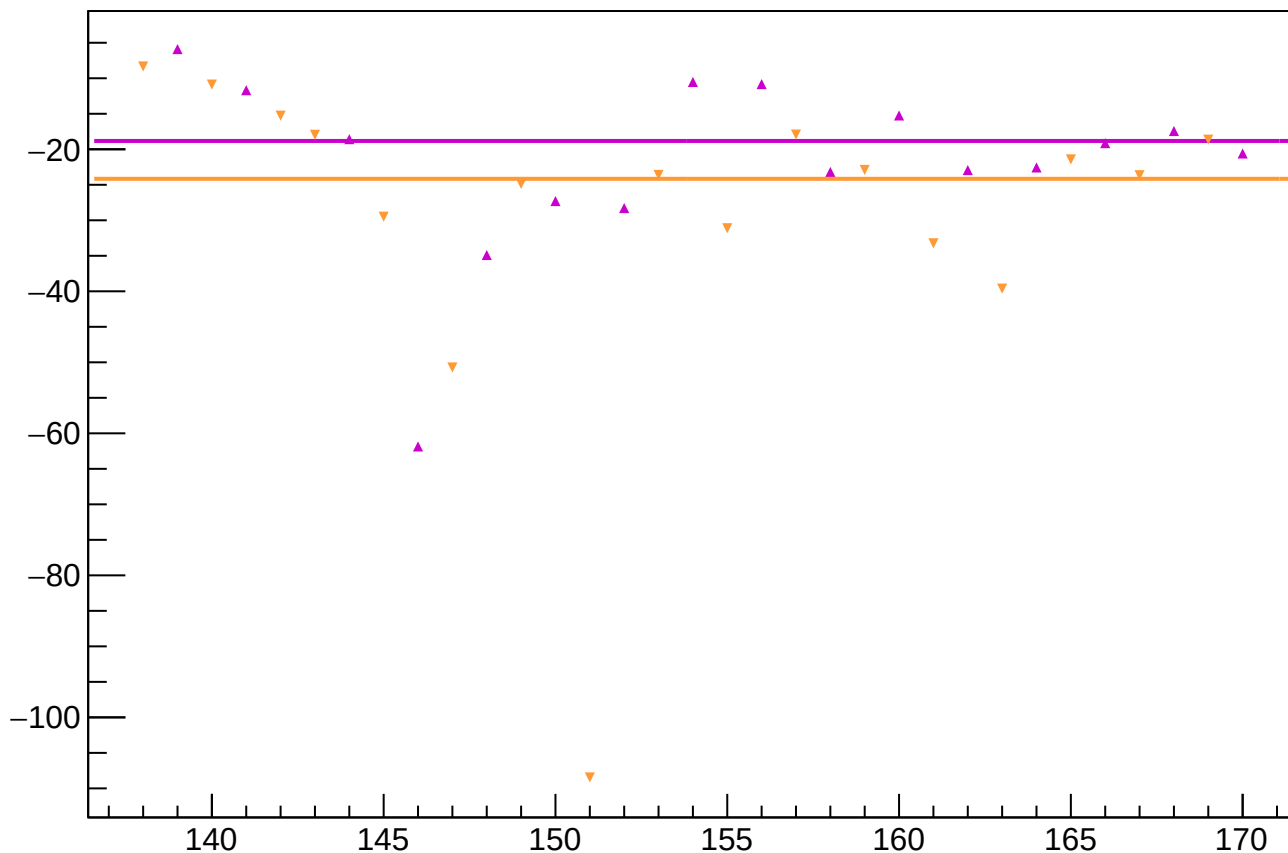
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.088 ± 0.001 χ^2/NDF : 7419.4/32
 Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34
 In: 0.093 ± 0.002 χ^2/NDF : 4685.8/32
 Out: 0.139 ± 0.002 χ^2/NDF : 5650.4/34
 All: 0.113 ± 0.001 χ^2/NDF : 10670.8/67

Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16
 Left Out: 0.112 ± 0.002 χ^2/NDF : 4031.9/16
 Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17
 Left In: 0.071 ± 0.002 χ^2/NDF : 3185.6/15

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



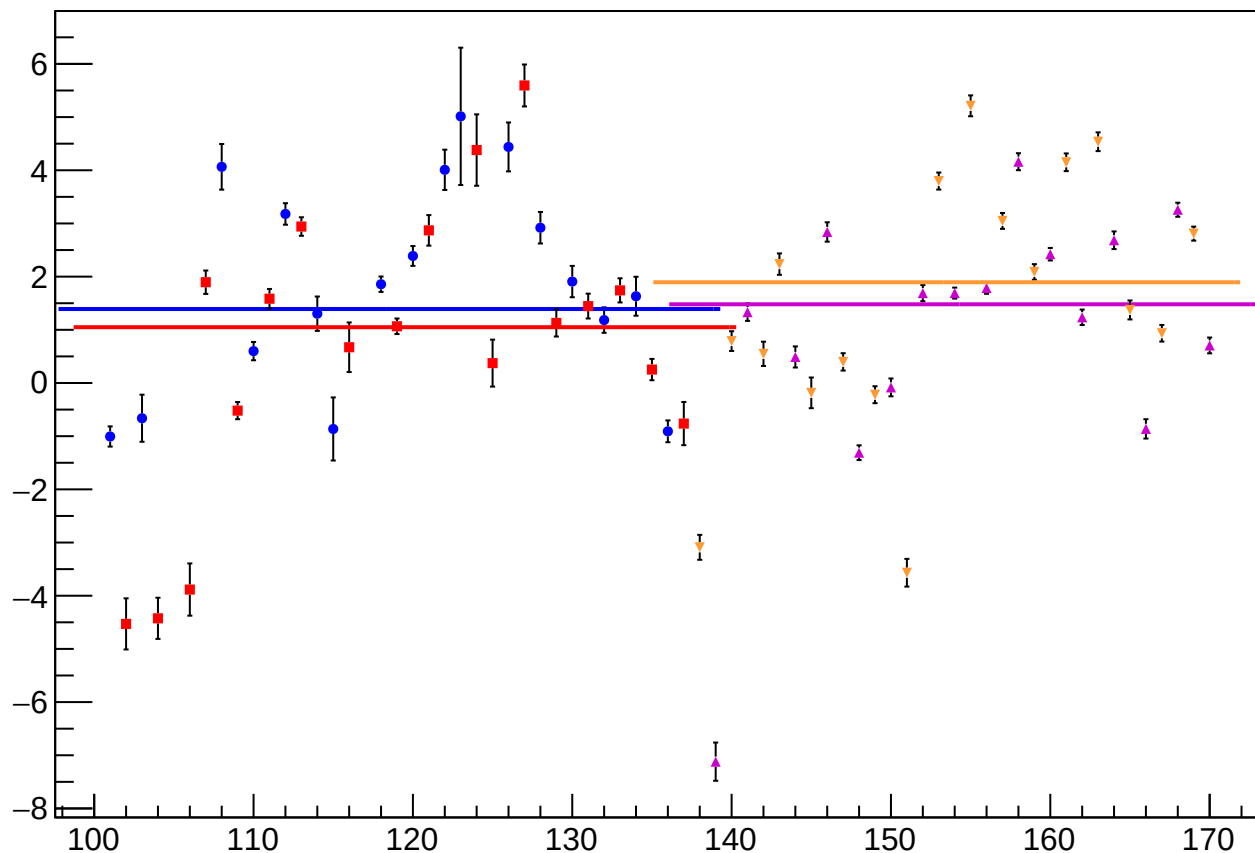
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.157+/-0.058 χ^2/NDF :57564.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.828+/-0.050 χ^2/NDF :37927.2/15

Left: -21.110+/-0.038 χ^2/NDF : 100337.3/32
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.828+/-0.050 χ^2/NDF :37927.2/15
 Out: -24.157+/-0.058 χ^2/NDF :57564.3/16

All: -21.110+/-0.038 χ^2/NDF : 100337.3/32

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: 1.894 $\pm$ 0.043 χ^2 /NDF:2266.6/16

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 1.480 $\pm$ 0.037 χ^2 /NDF:1935.6/15

Left: 1.657 $\pm$ 0.028 χ^2 /NDF: 4256.3/32

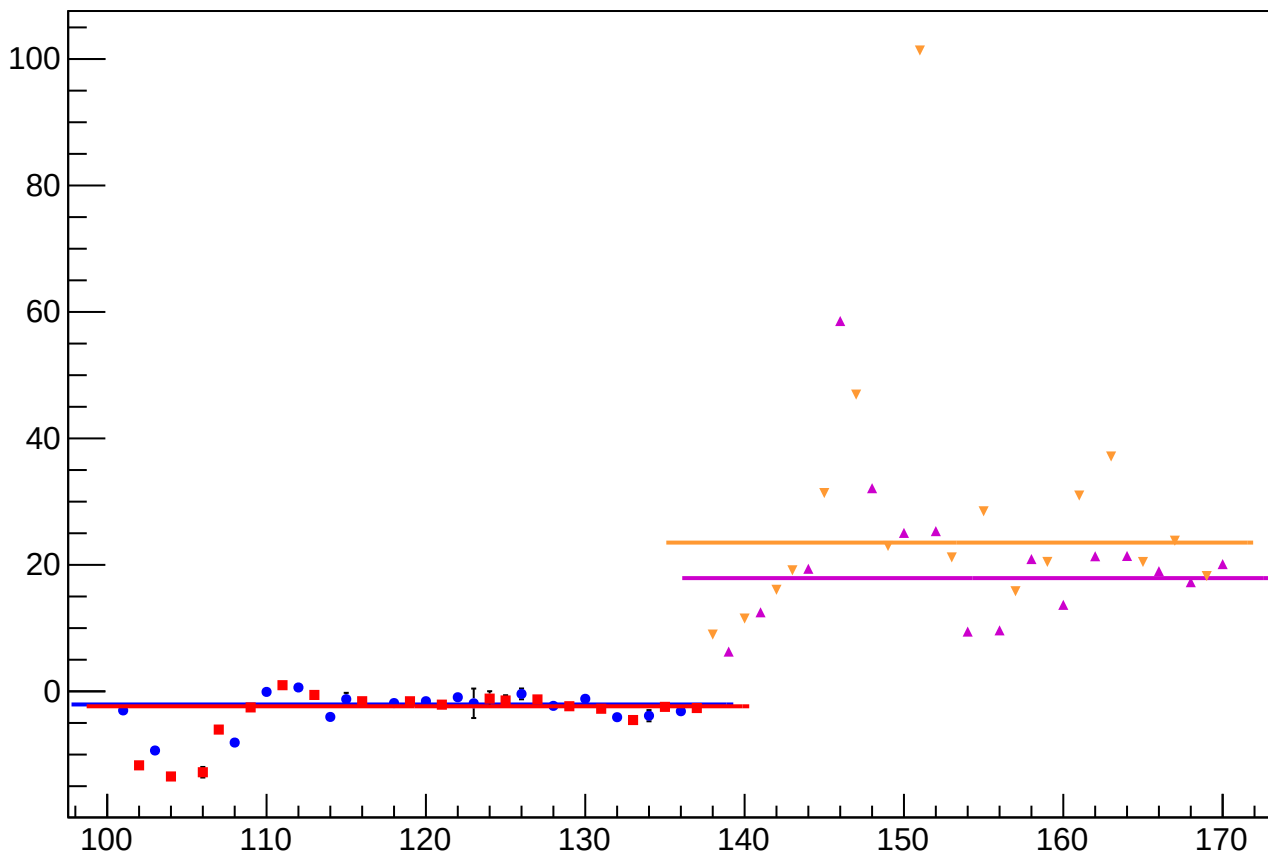
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.456 $\pm$ 0.031 χ^2 /NDF:2566.3/32

Out: 1.597 $\pm$ 0.034 χ^2 /NDF:3324.4/34

All: 1.520 $\pm$ 0.023 χ^2 /NDF: 5899.9/67

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 23.525 ± 0.057 χ^2/NDF : 51595.9/16

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.906 ± 0.049 χ^2/NDF : 35819.6/15

Left: 20.274 ± 0.037 χ^2/NDF : 93036.8/32

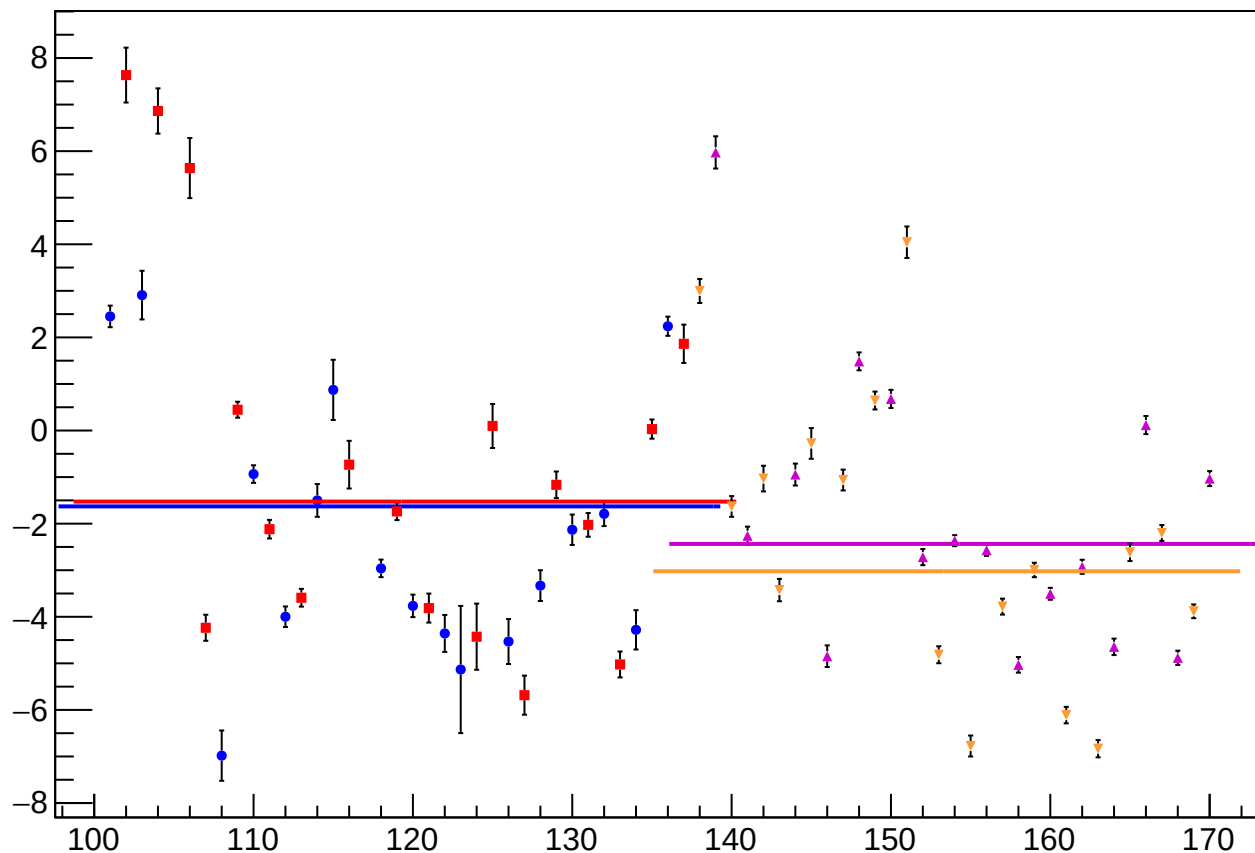
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.651 ± 0.045 χ^2/NDF : 63739.6/32

Out: 17.052 ± 0.049 χ^2/NDF : 104054.8/34

All: 15.728 ± 0.033 χ^2/NDF : 169099.8/67

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: -3.022 ± 0.048 χ^2/NDF : 2765.7/16

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.435 ± 0.042 χ^2/NDF : 2391.6/15

Left: -2.685 ± 0.032 χ^2/NDF : 5241.4/32

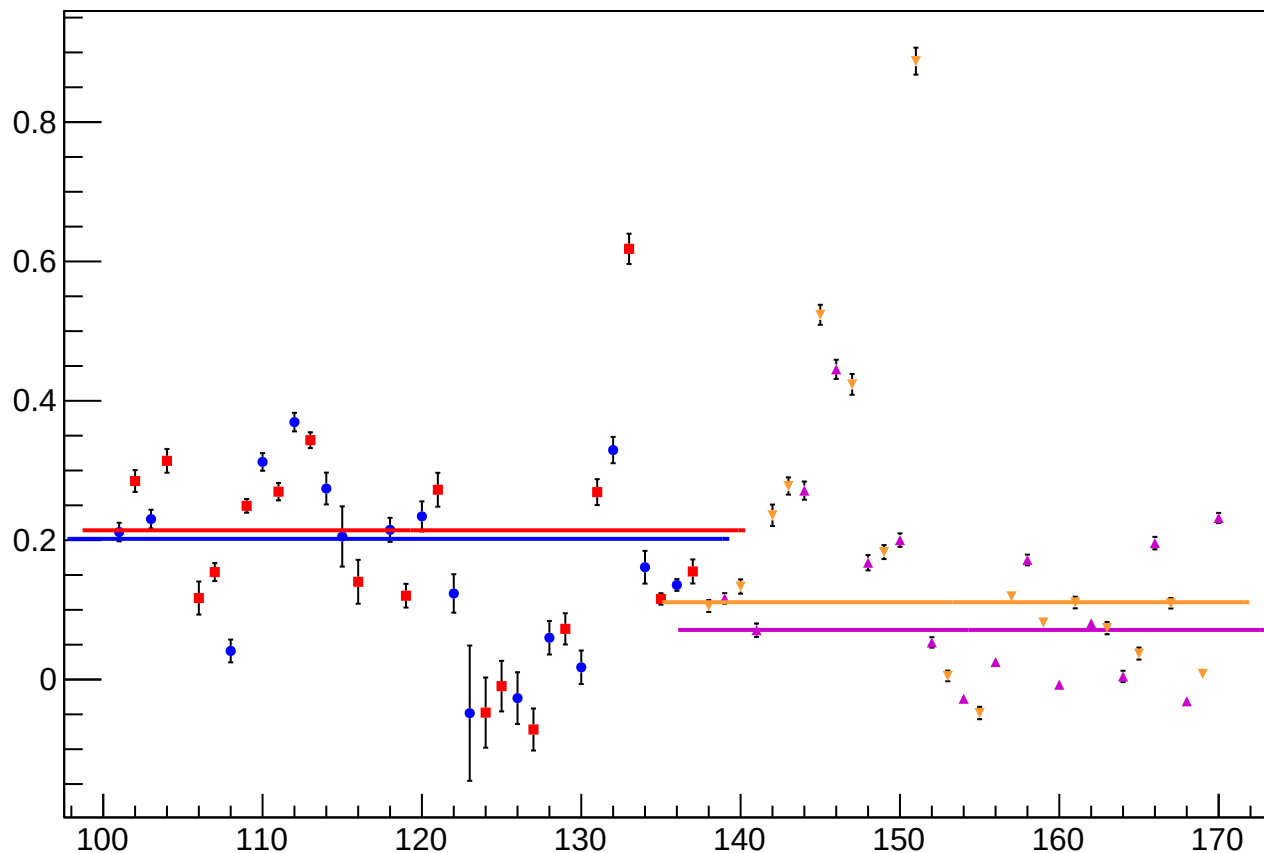
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.224 ± 0.036 χ^2/NDF : 3755.5/32

Out: -2.492 ± 0.039 χ^2/NDF : 4591.5/34

All: -2.347 ± 0.026 χ^2/NDF : 8372.4/67

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: 0.111 $\pm$ 0.002 χ^2 /NDF:4027.1/16

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF:3161.7/15

Left: 0.087 $\pm$ 0.001 χ^2 /NDF: 7384.4/32

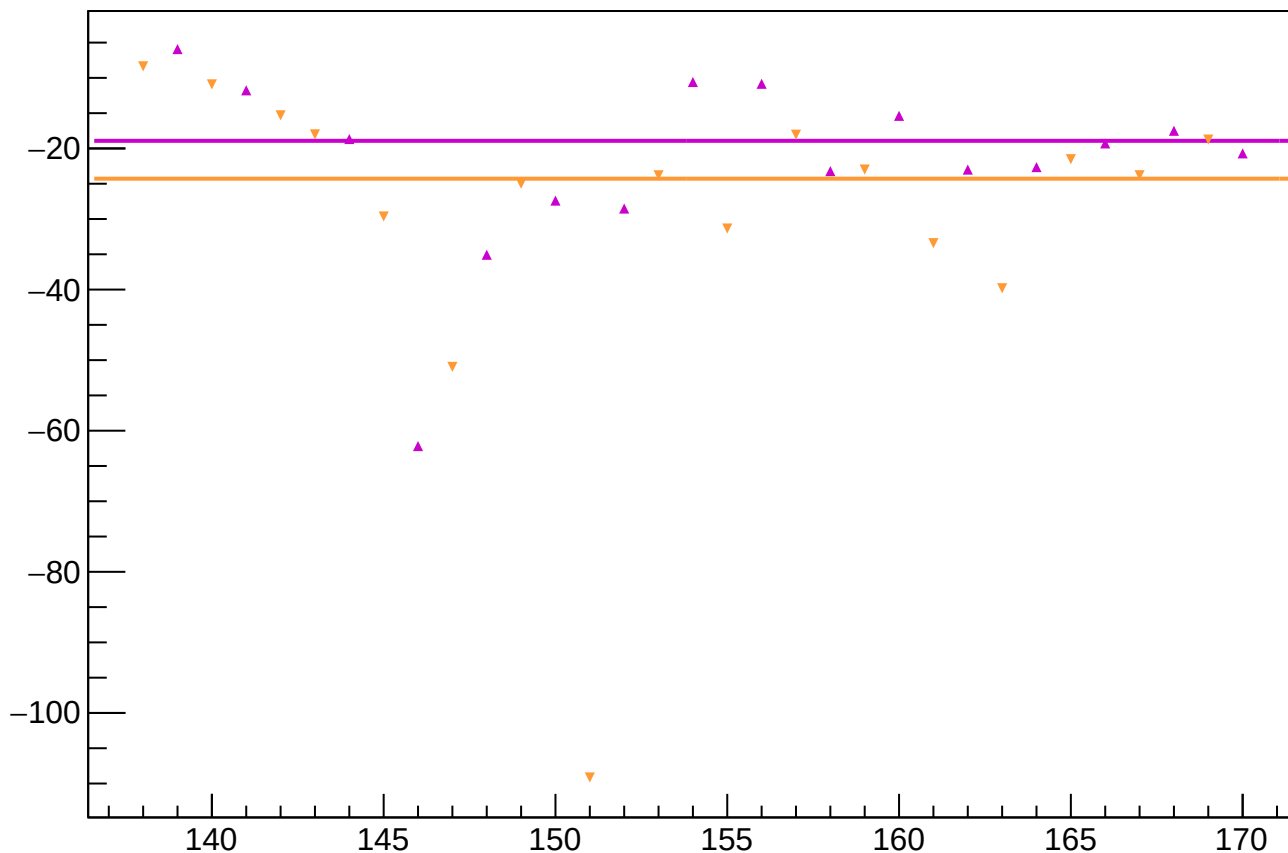
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.093 $\pm$ 0.002 χ^2 /NDF:4609.0/32

Out: 0.138 $\pm$ 0.002 χ^2 /NDF:5607.0/34

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 10540.9/67

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: -24.284+/-0.058 χ^2/NDF :57695.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Left: -21.216+/-0.038 χ^2/NDF : 100553.8/32

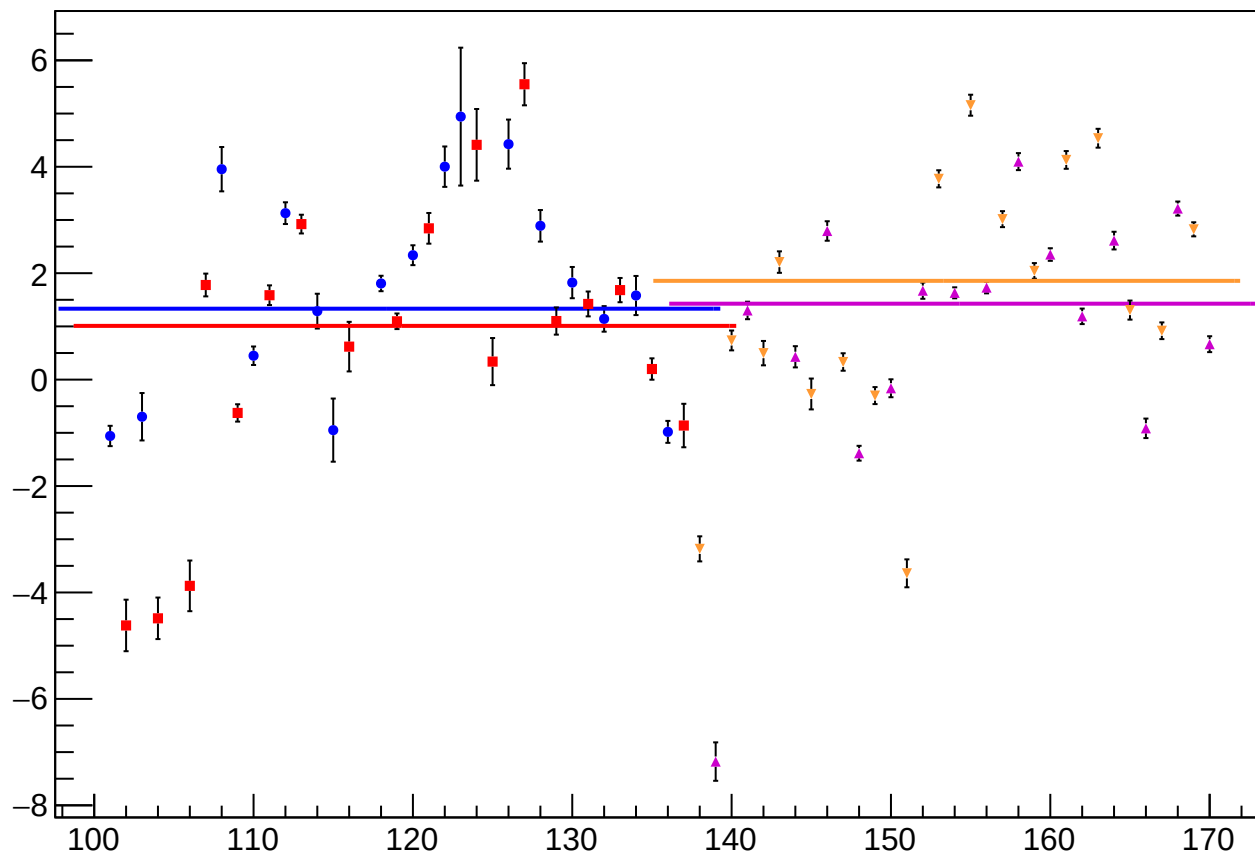
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Out: -24.284+/-0.058 χ^2/NDF :57695.5/16

All: -21.216+/-0.038 χ^2/NDF : 100553.8/32

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: 1.856 ± 0.043 χ^2/NDF : 2289.2/16

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.427 ± 0.037 χ^2/NDF : 1924.9/15

Left: 1.610 ± 0.028 χ^2/NDF : 4271.7/32

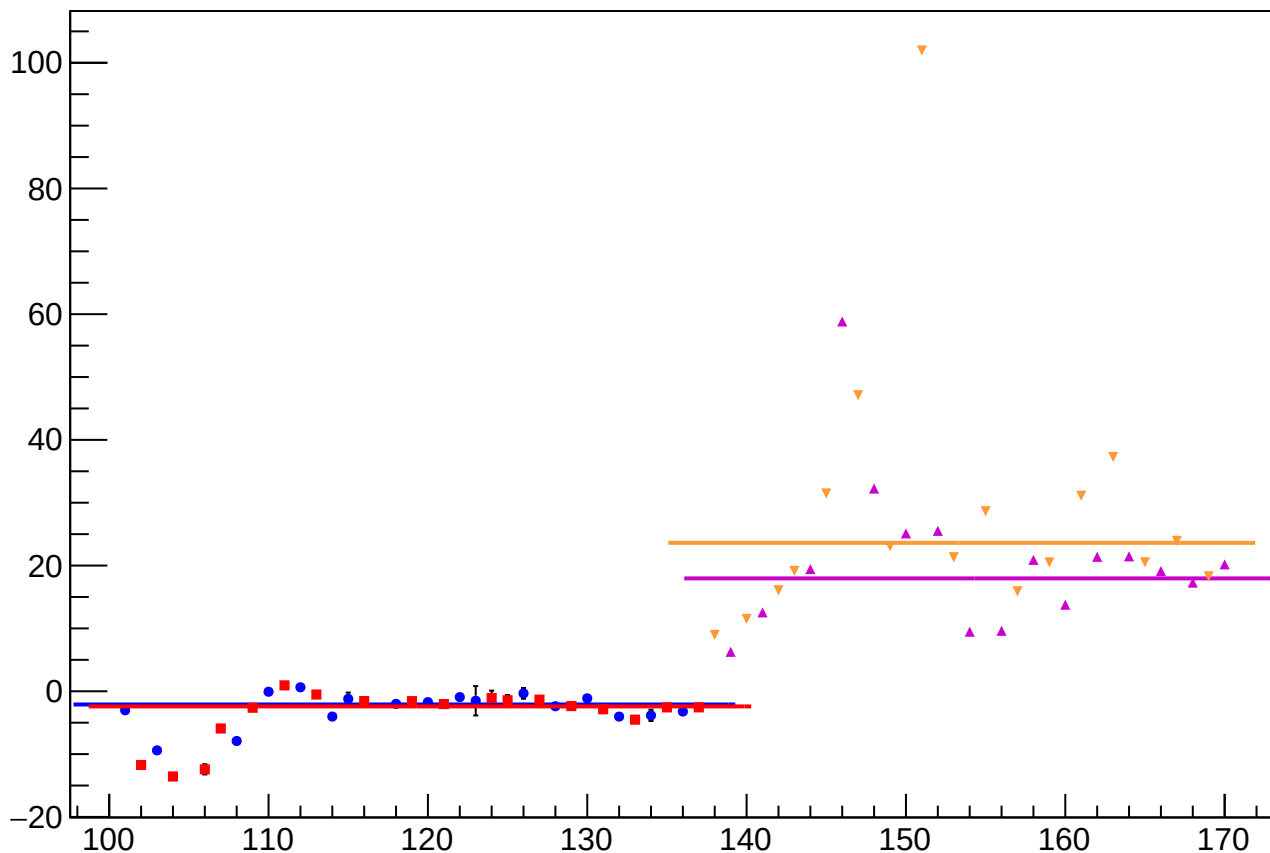
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.402 ± 0.032 χ^2/NDF : 2561.2/32

Out: 1.558 ± 0.034 χ^2/NDF : 3357.0/34

All: 1.473 ± 0.023 χ^2/NDF : 5929.4/67

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.617 ± 0.057 χ^2/NDF : 51709.3/16

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.958 ± 0.049 χ^2/NDF : 35891.6/15

Left: 20.341 ± 0.037 χ^2/NDF : 93256.2/32

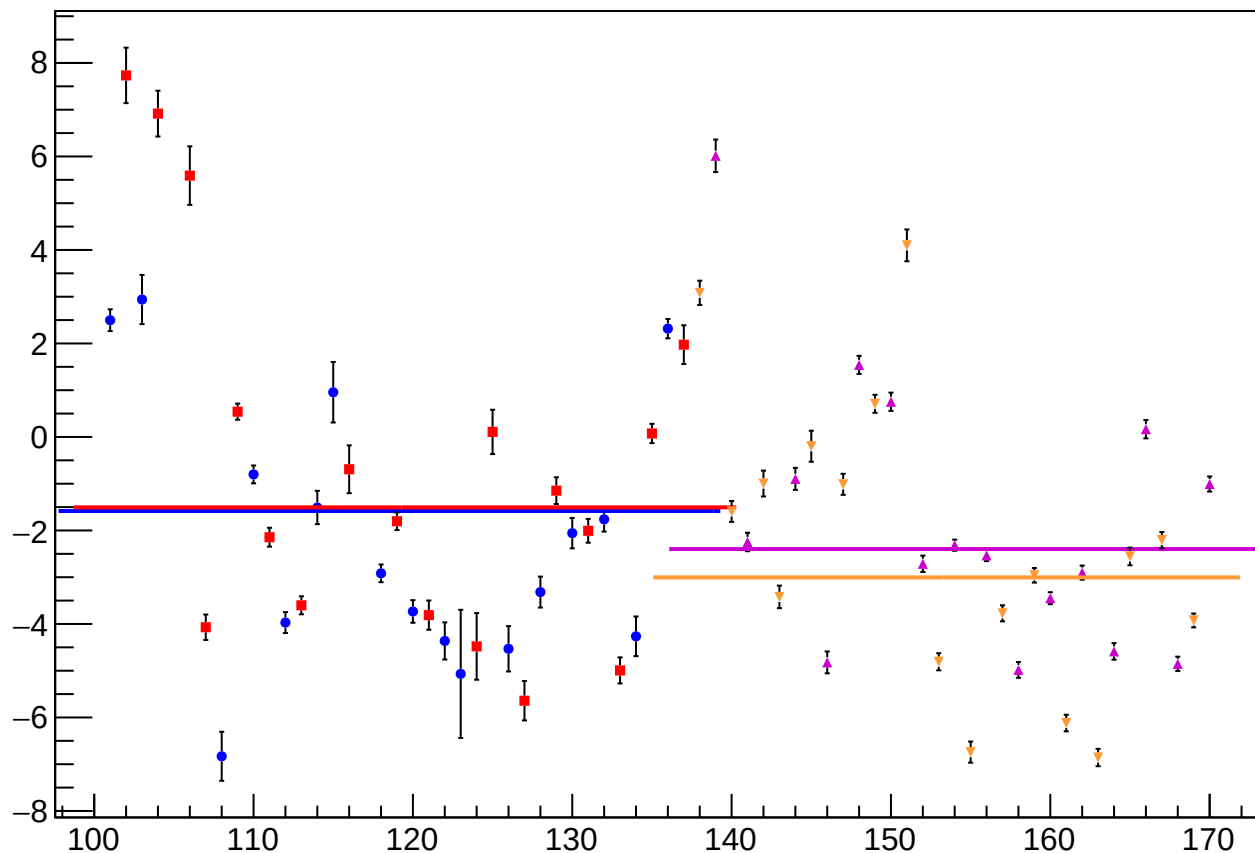
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 14.699 ± 0.045 χ^2/NDF : 63752.5/32

Out: 17.118 ± 0.050 χ^2/NDF : 104210.5/34

All: 15.783 ± 0.033 χ^2/NDF : 169276.2/67

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: -3.004 ± 0.049 χ^2/NDF : 2794.4/16

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.398 ± 0.042 χ^2/NDF : 2380.9/15

Left: -2.656 ± 0.032 χ^2/NDF : 5264.5/32

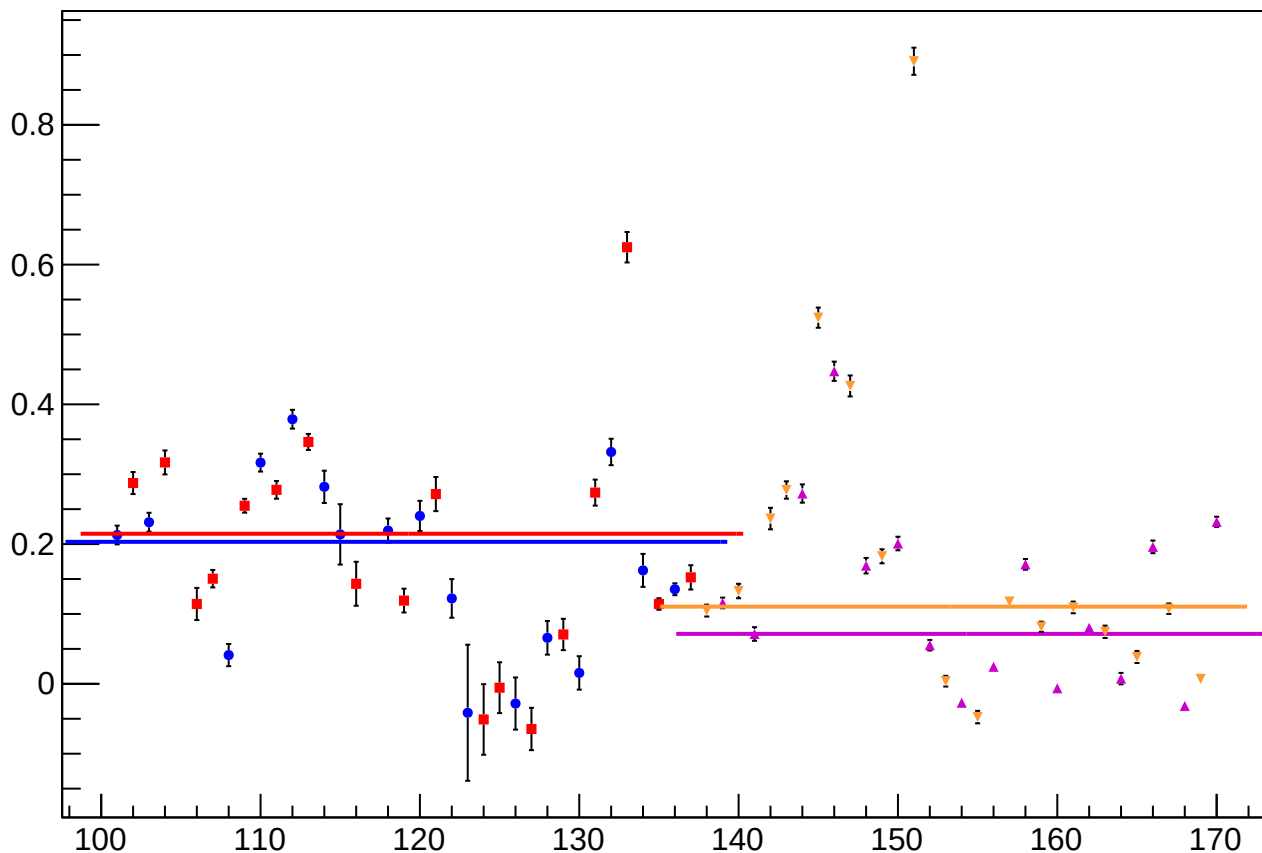
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -2.185 ± 0.036 χ^2/NDF : 3751.5/32

Out: -2.472 ± 0.039 χ^2/NDF : 4630.6/34

All: -2.317 ± 0.026 χ^2/NDF : 8411.3/67

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: 0.110 $\pm$ 0.002 χ^2 /NDF: 4016.4/16

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 3140.6/15

Left: 0.087 $\pm$ 0.001 χ^2 /NDF: 7343.7/32

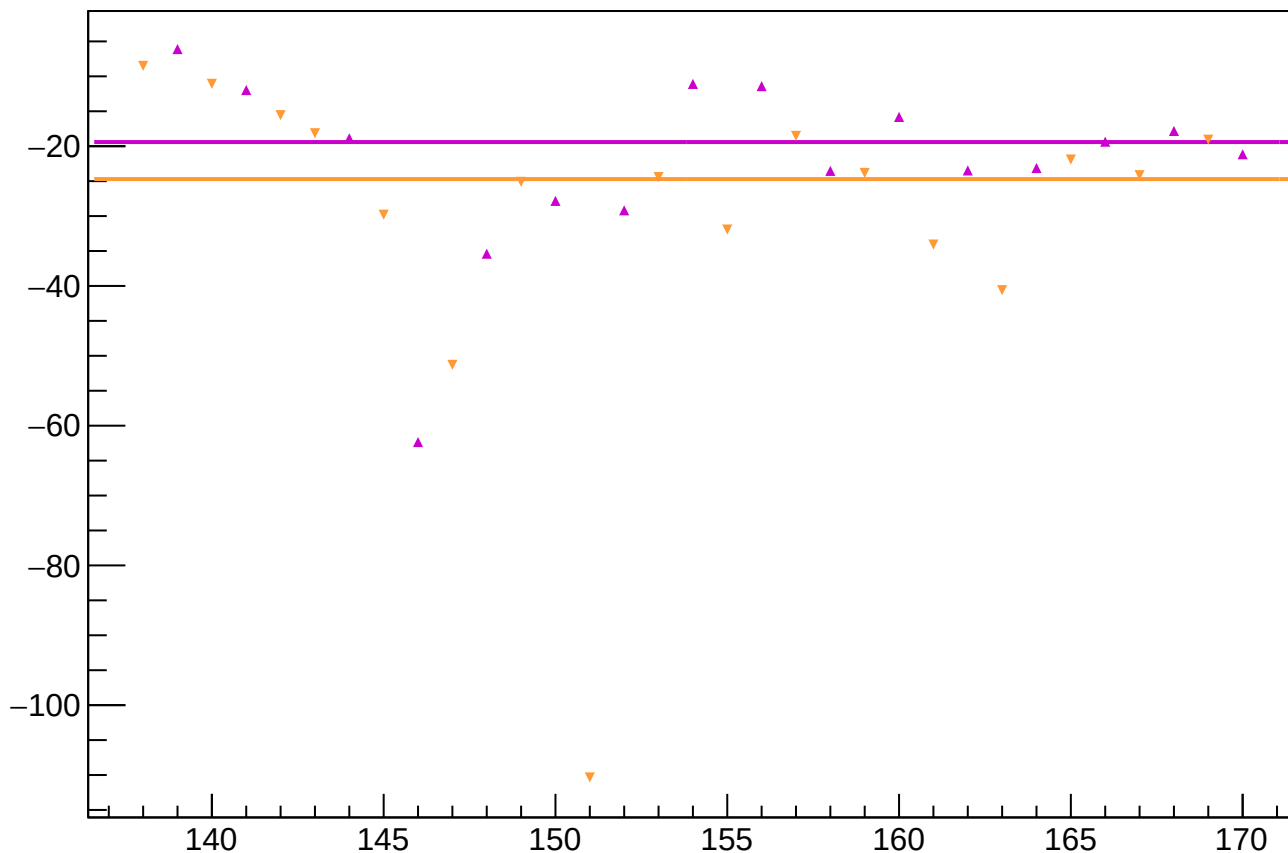
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.093 $\pm$ 0.002 χ^2 /NDF: 4623.9/32

Out: 0.138 $\pm$ 0.002 χ^2 /NDF: 5637.6/34

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10576.1/67

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: -24.707+/-0.059 χ^2/NDF :57601.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.405+/-0.051 χ^2/NDF :36876.5/15

Left: -21.688+/-0.039 χ^2/NDF : 99043.7/32

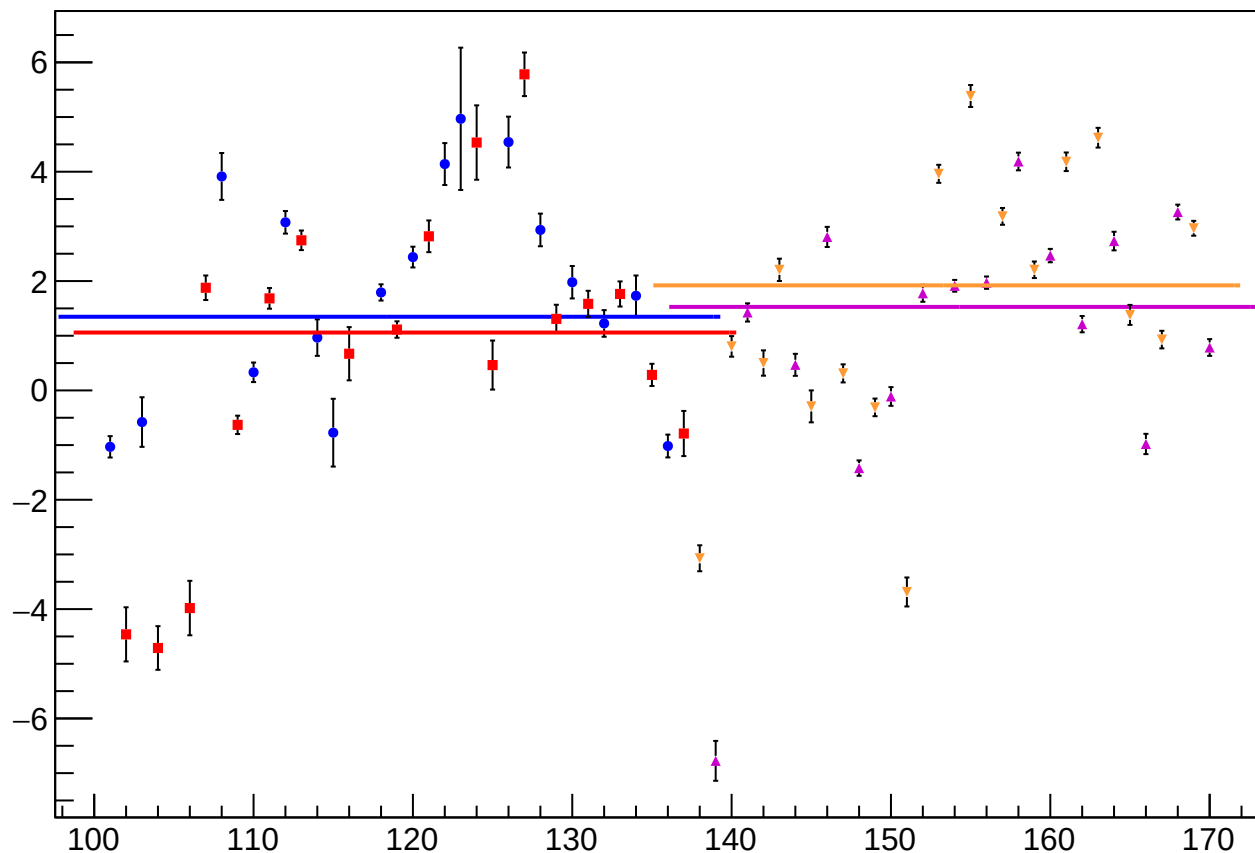
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.405+/-0.051 χ^2/NDF :36876.5/15

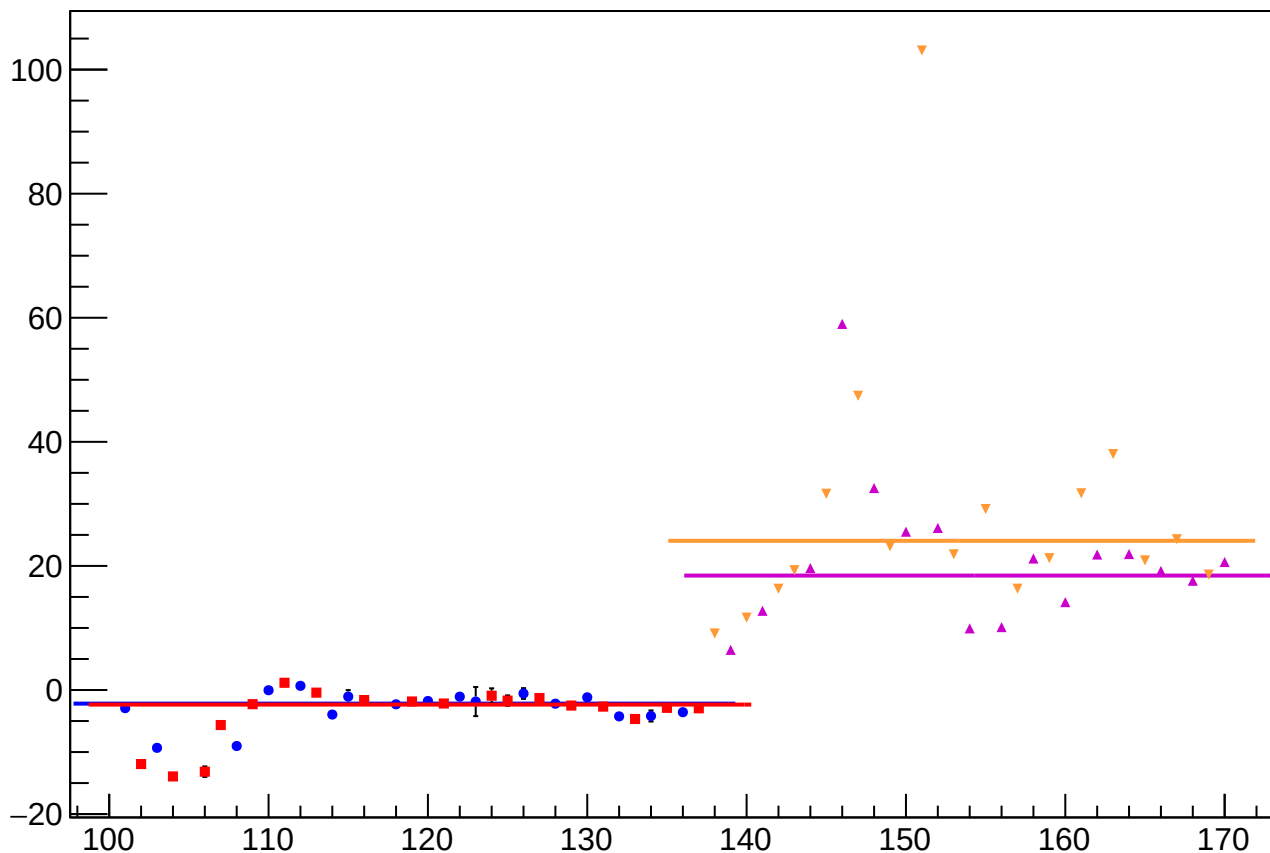
Out: -24.707+/-0.059 χ^2/NDF :57601.1/16

All: -21.688+/-0.039 χ^2/NDF : 99043.7/32

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 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 24.050 ± 0.058 $\chi^2/\text{NDF}: 51475.7/16$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 18.444 ± 0.050 $\chi^2/\text{NDF}: 34650.4/15$

Left: 20.820 ± 0.038 $\chi^2/\text{NDF}: 91446.3/32$

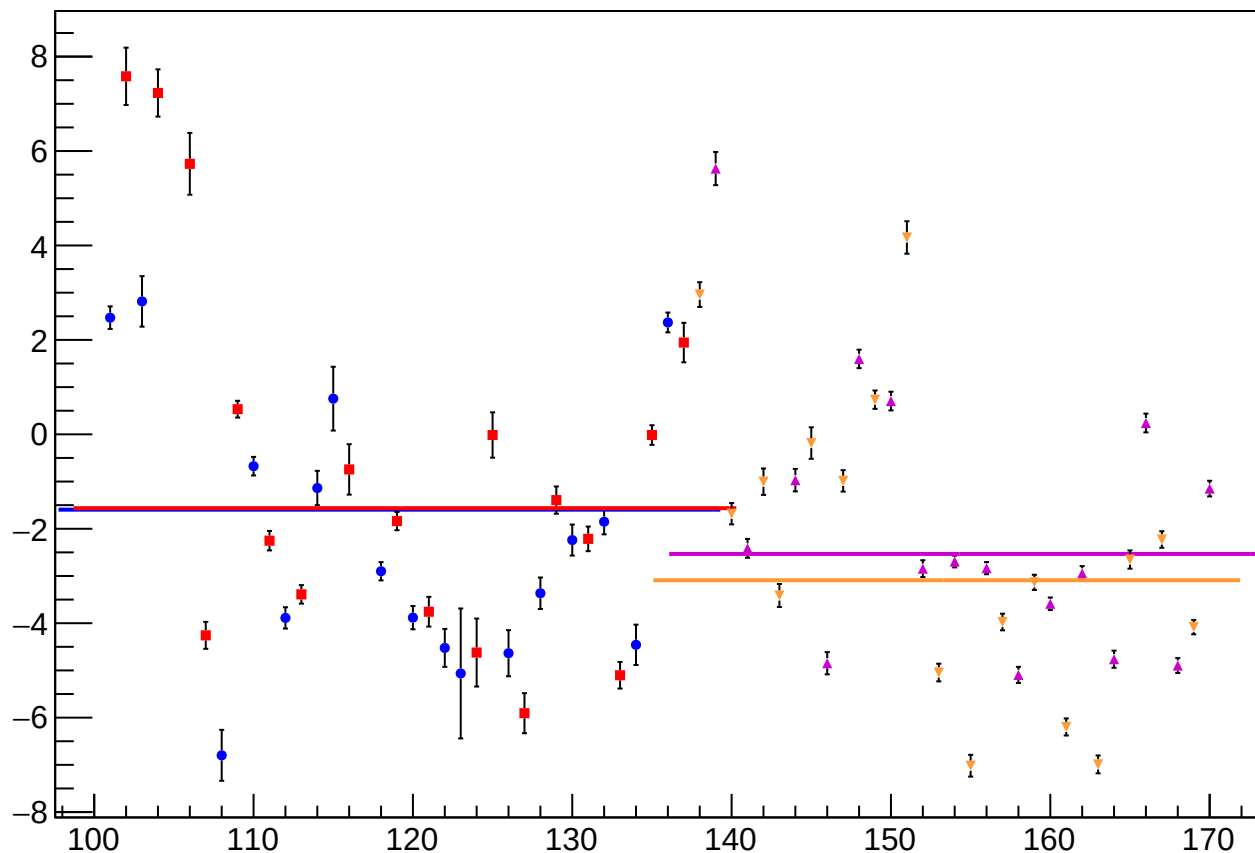
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 15.054 ± 0.046 $\chi^2/\text{NDF}: 63064.6/32$

Out: 17.479 ± 0.051 $\chi^2/\text{NDF}: 103357.7/34$

All: 16.145 ± 0.034 $\chi^2/\text{NDF}: 167687.7/67$

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: -3.090 ± 0.050 χ^2/NDF : 2838.4/16

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.533 ± 0.043 χ^2/NDF : 2340.2/15

Left: -2.772 ± 0.032 χ^2/NDF : 5250.7/32

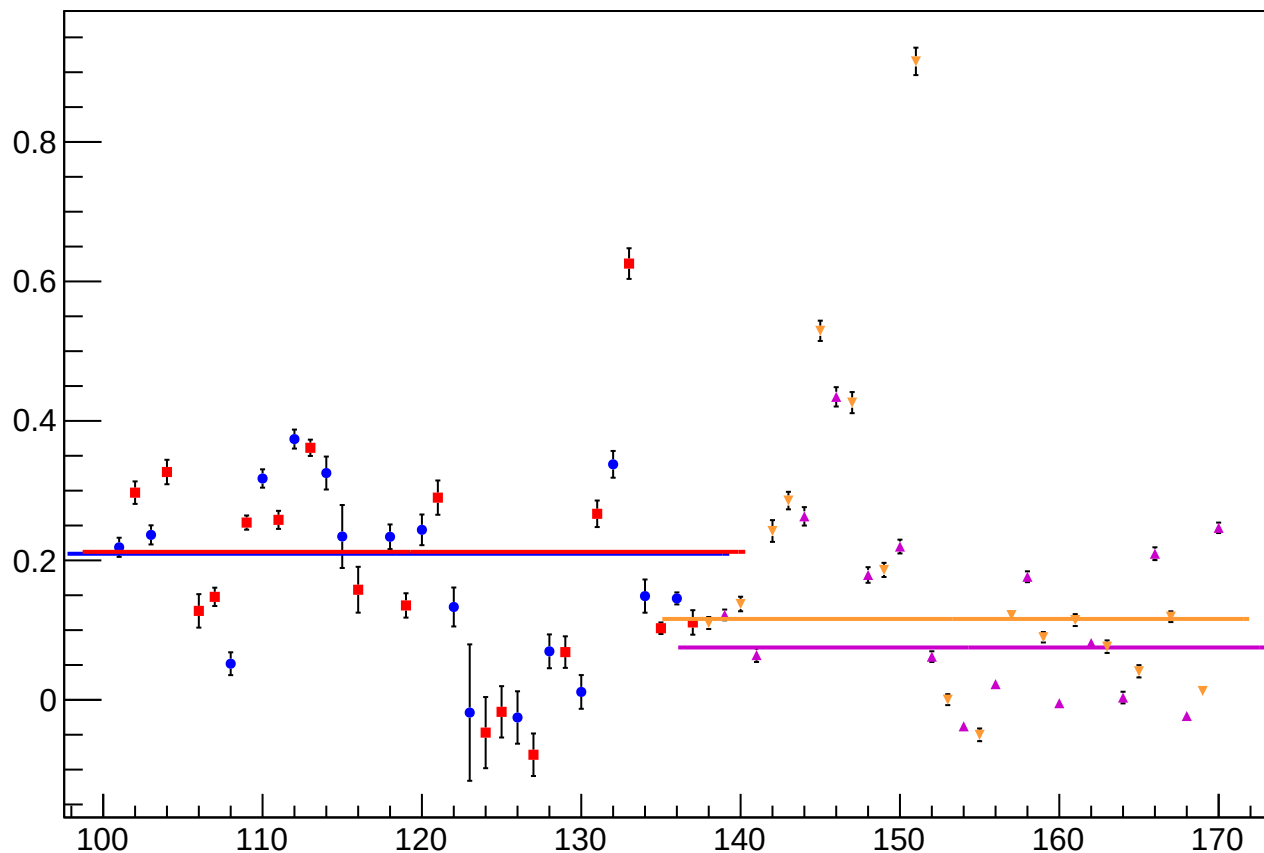
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.285 ± 0.037 χ^2/NDF : 3721.5/32

Out: -2.549 ± 0.040 χ^2/NDF : 4635.8/34

All: -2.407 ± 0.027 χ^2/NDF : 8380.8/67

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: 0.116 ± 0.002 $\chi^2/\text{NDF}: 4052.5/16$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.075 ± 0.002 $\chi^2/\text{NDF}: 3221.8/15$

Left: 0.092 ± 0.001 $\chi^2/\text{NDF}: 7470.9/32$

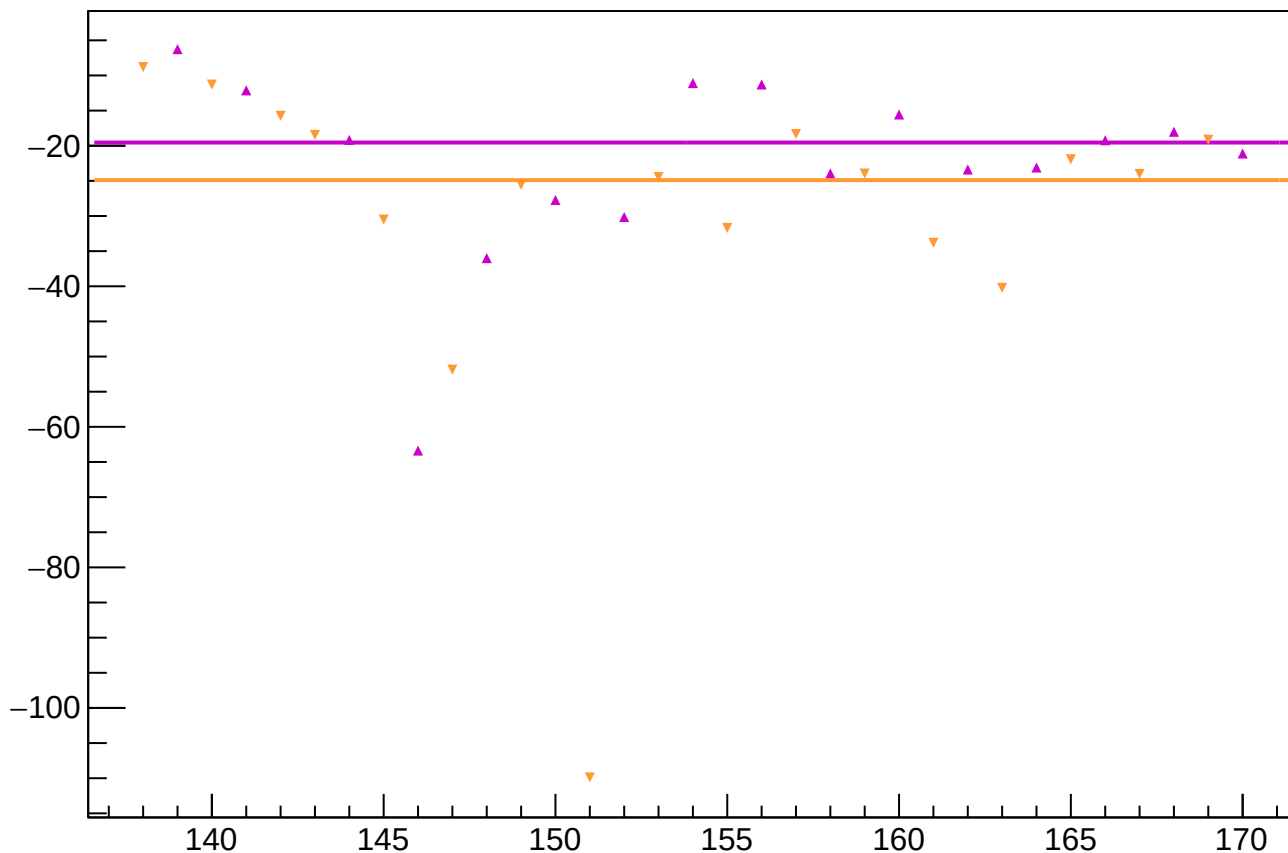
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.097 ± 0.002 $\chi^2/\text{NDF}: 4671.6/32$

Out: 0.141 ± 0.002 $\chi^2/\text{NDF}: 5629.8/34$

All: 0.117 ± 0.001 $\chi^2/\text{NDF}: 10589.8/67$

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: -24.894 +/- 0.060 χ^2/NDF : 56389.4/16

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -19.546 +/- 0.052 χ^2/NDF : 37108.6/15

Left: -21.858 +/- 0.039 χ^2/NDF : 98040.6/32

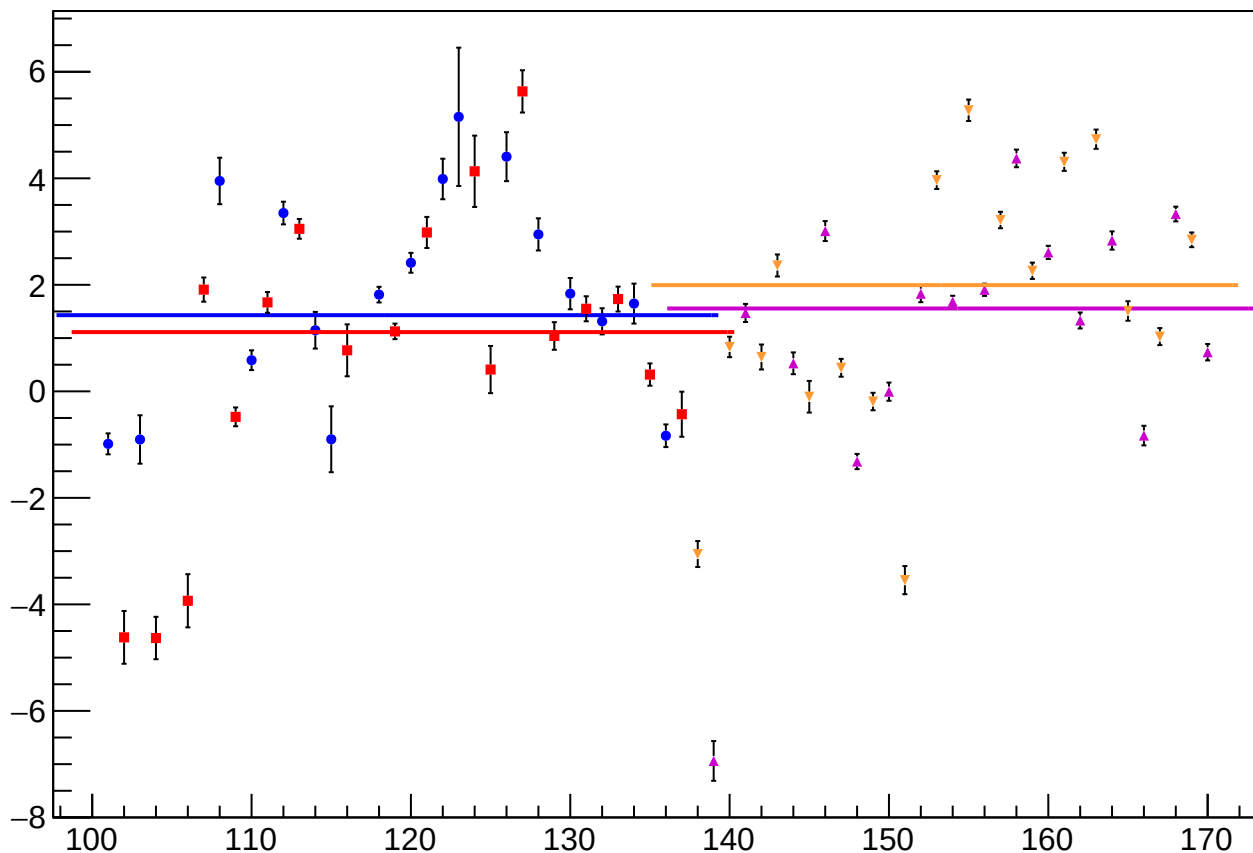
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -19.546 +/- 0.052 χ^2/NDF : 37108.6/15

Out: -24.894 +/- 0.060 χ^2/NDF : 56389.4/16

All: -21.858 +/- 0.039 χ^2/NDF : 98040.6/32

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.994 $\pm$ 0.044 χ^2 /NDF:2224.1/16

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.556 $\pm$ 0.038 χ^2 /NDF:1885.4/15

Left: 1.745 $\pm$ 0.029 χ^2 /NDF: 4165.9/32

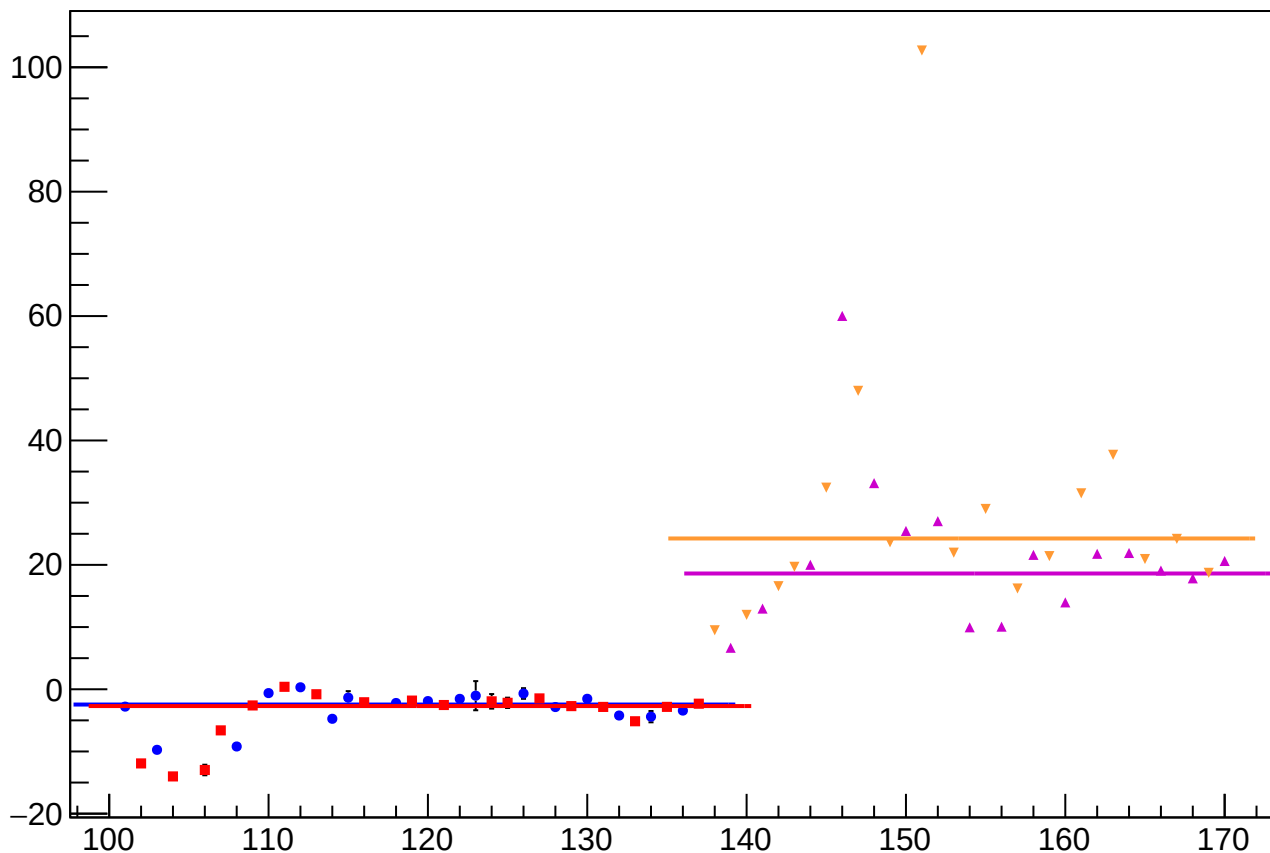
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.522 $\pm$ 0.033 χ^2 /NDF:2486.3/32

Out: 1.686 $\pm$ 0.036 χ^2 /NDF:3252.0/34

All: 1.597 $\pm$ 0.024 χ^2 /NDF: 5749.9/67

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.243 ± 0.059 χ^2/NDF : 50517.2/16

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.612 ± 0.051 χ^2/NDF : 34912.9/15

Left: 21.010 ± 0.038 χ^2/NDF : 90682.5/32

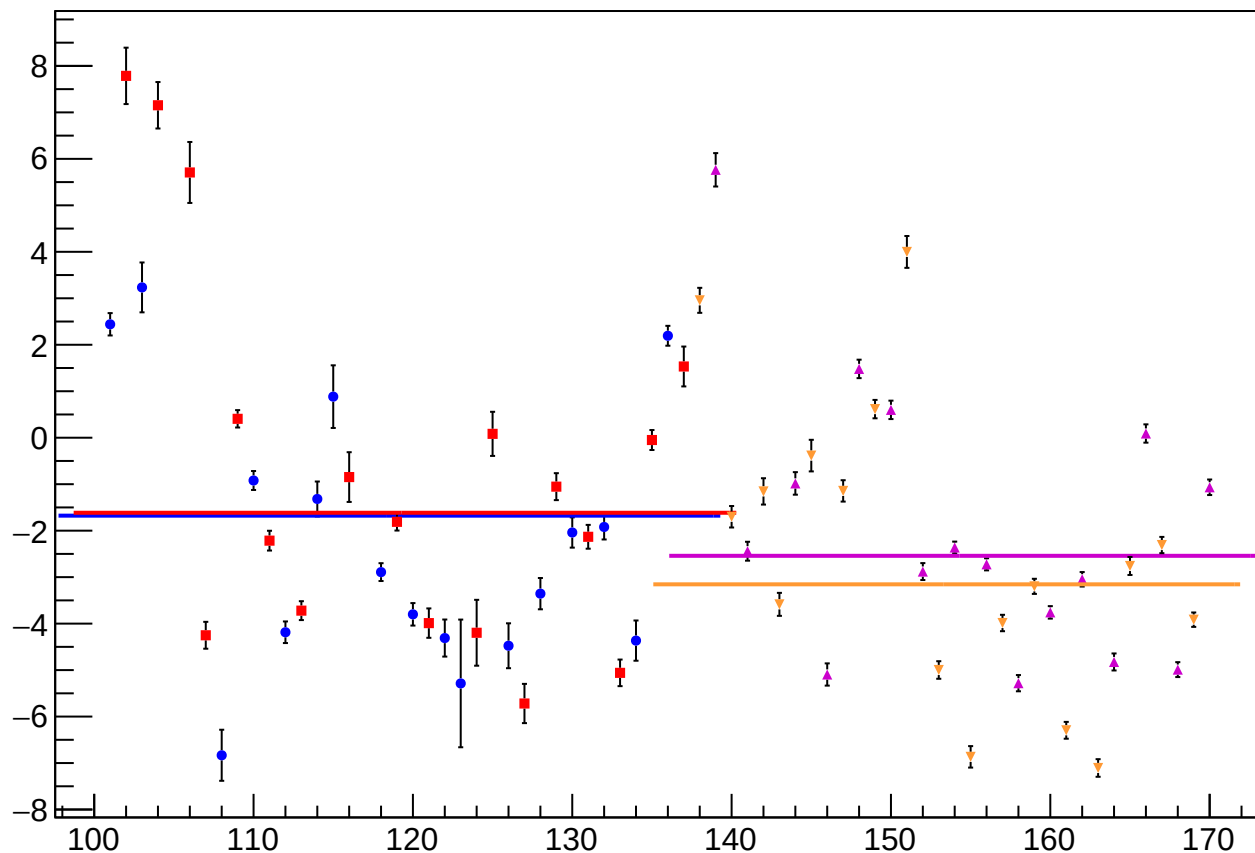
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.161 ± 0.046 χ^2/NDF : 63613.3/32

Out: 17.663 ± 0.051 χ^2/NDF : 102500.8/34

All: 16.289 ± 0.034 χ^2/NDF : 167426.9/67

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677±/0.072 χ^2/NDF : 1204.7/16
 Left Out: -3.155±/0.050 χ^2/NDF :2712.6/16
 Right Out: -1.615±/0.068 χ^2/NDF : 1427.3/17
 Left In: -2.541±/0.044 χ^2/NDF :2342.6/15

Left: -2.805±/0.033 χ^2/NDF : 5140.7/32
 Right: -1.644±/0.050 χ^2/NDF : 2632.5/34
 In: -2.312±/0.037 χ^2/NDF :3651.9/32
 Out: -2.613±/0.040 χ^2/NDF :4472.6/34
 All: -2.451±/0.027 χ^2/NDF : 8154.6/67

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected

