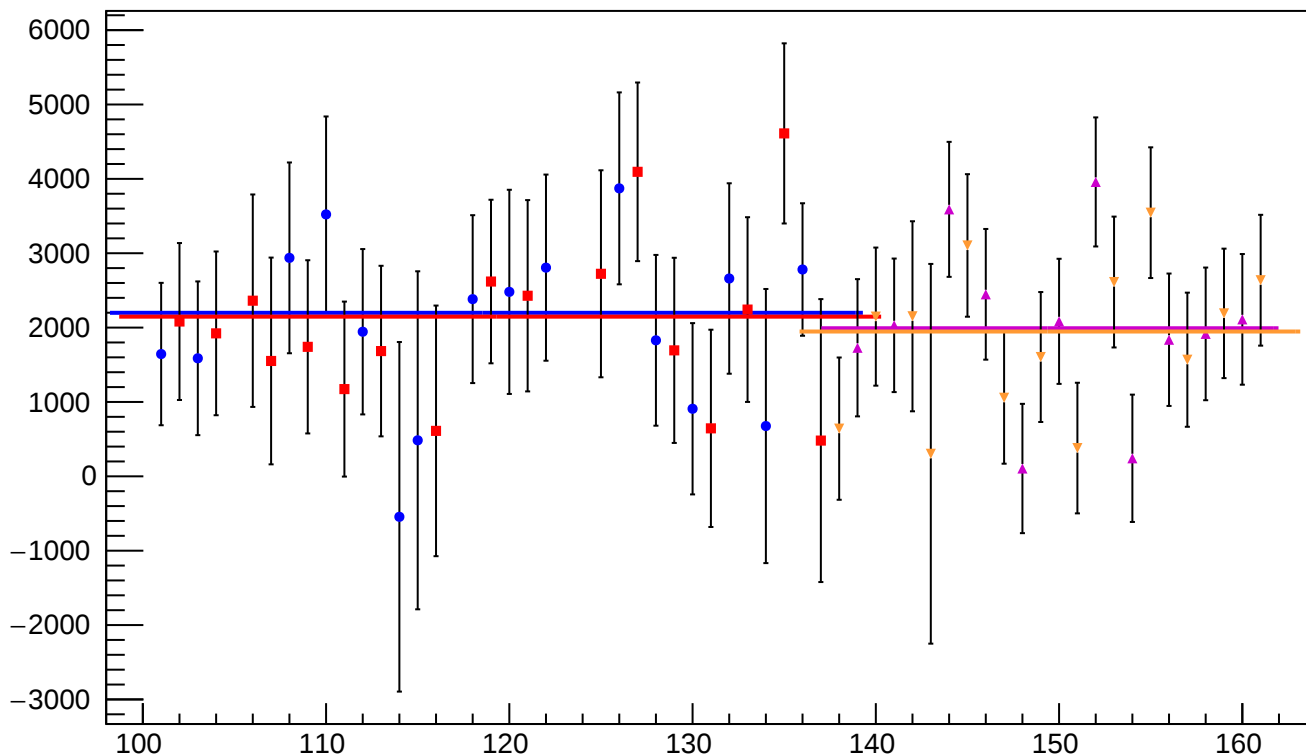


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1947.307+/-263.394

Right Out: 2147.149+/-304.804

Left In: 1991.257+/-265.679

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/12

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/10

Left: 1969.092+/-187.050

Right: 2172.848+/-216.219

In: 2080.243+/-200.831

Out: 2032.740+/-199.293

All: 2056.309+/-141.462

χ^2/NDF : 30.5/23

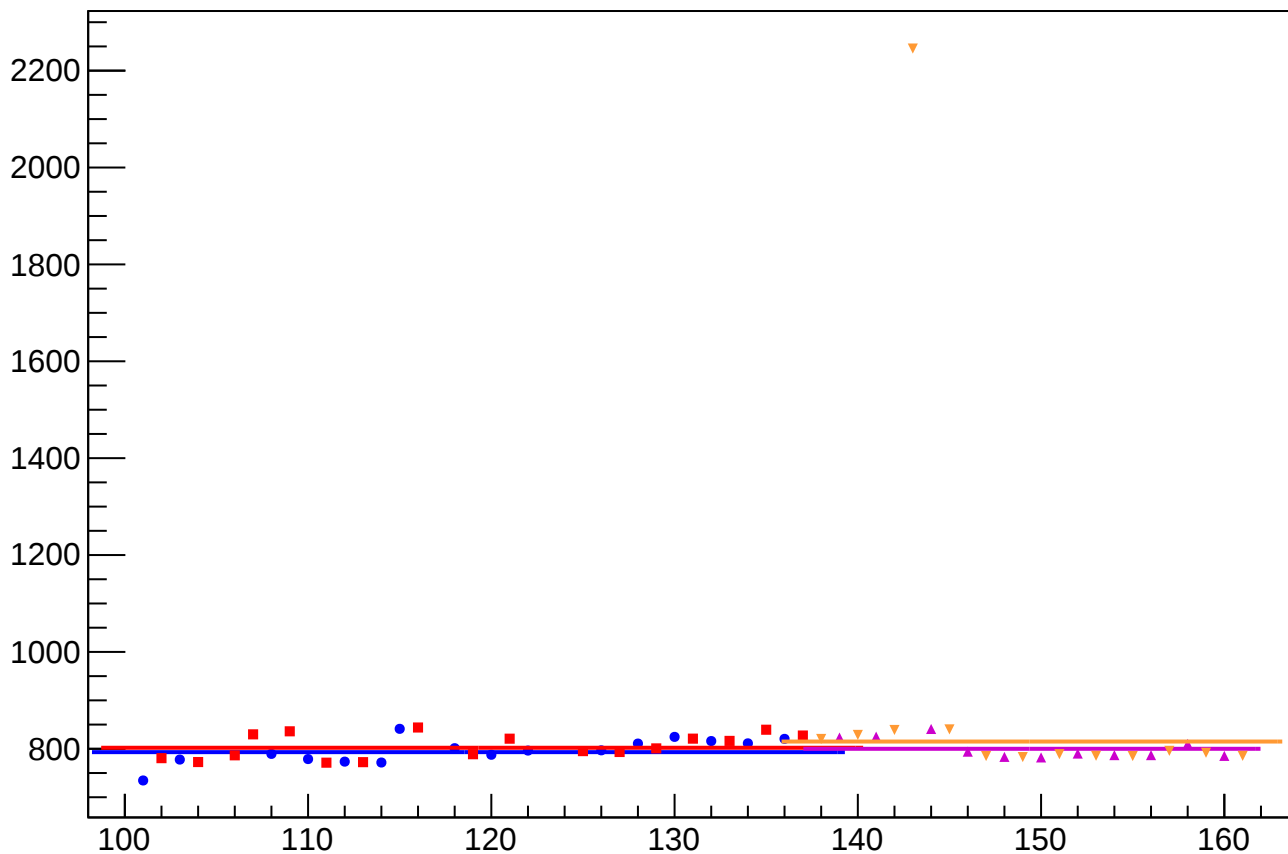
χ^2/NDF : 20.0/32

χ^2/NDF : 26.4/26

χ^2/NDF : 24.6/29

χ^2/NDF : 51.0/56

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 814.986 ± 0.186 χ^2/NDF : 646463.2/12

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

Left In: 799.991 ± 0.188 χ^2/NDF : 10586.8/10

Left: 807.554 ± 0.132 χ^2/NDF : 660262.9/23

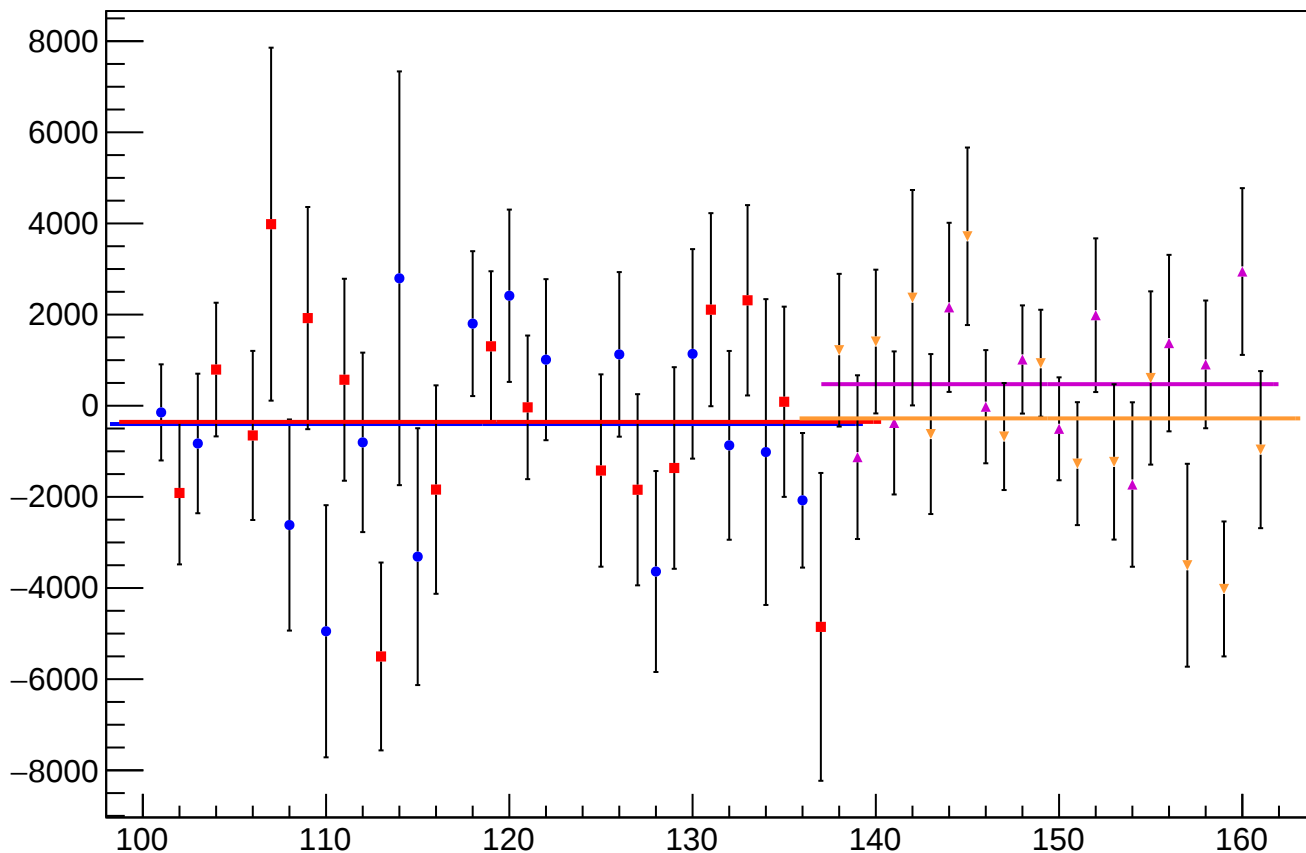
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 797.034 ± 0.142 χ^2/NDF : 25868.1/26

Out: 809.498 ± 0.141 χ^2/NDF : 661218.0/29

All: 803.314 ± 0.100 χ^2/NDF : 690967.3/56

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 $\chi^2/\text{NDF}: 14.8/15$

Left Out: -277.734 ± 440.980 $\chi^2/\text{NDF}: 18.3/12$

Right Out: -354.462 ± 486.525 $\chi^2/\text{NDF}: 17.4/16$

Left In: 473.068 ± 452.622 $\chi^2/\text{NDF}: 7.5/10$

Left: 87.887 ± 315.856 $\chi^2/\text{NDF}: 27.2/23$

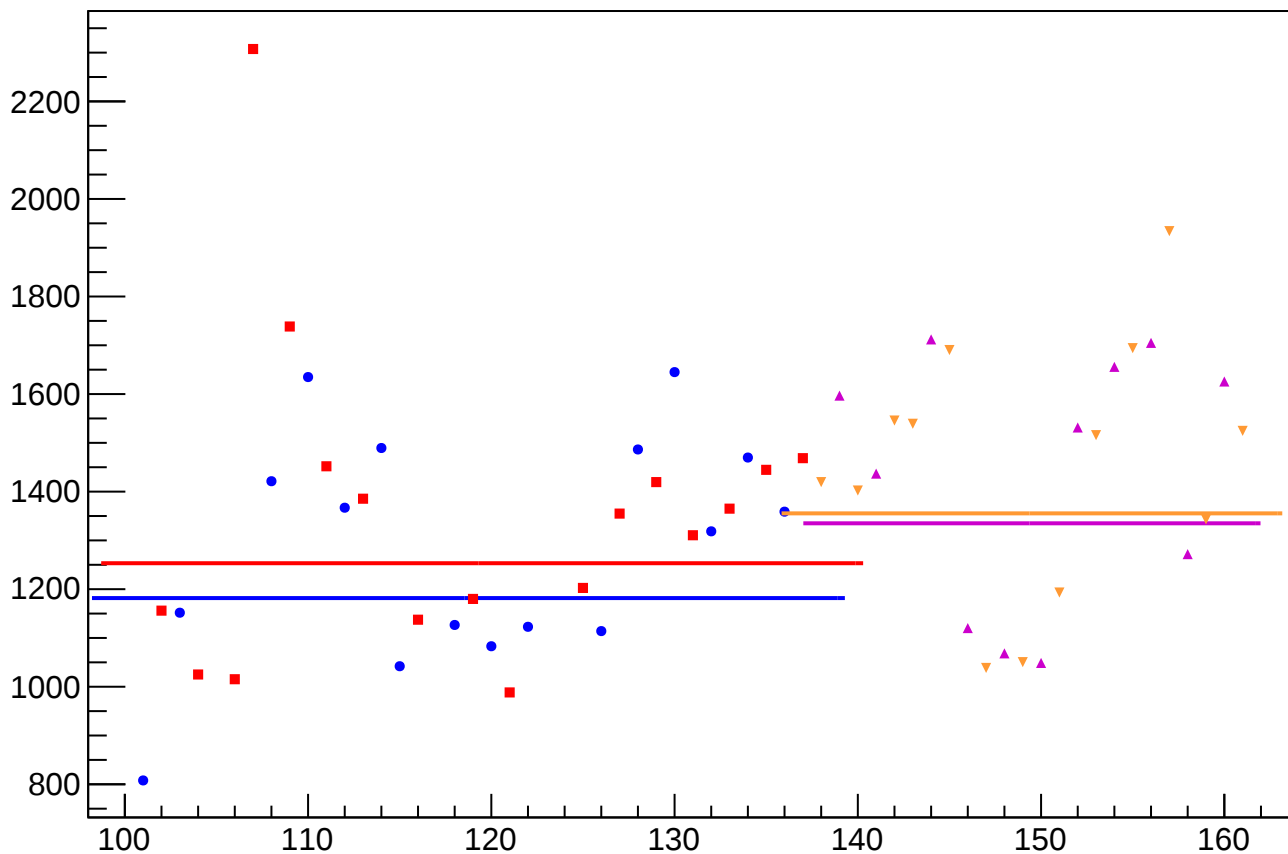
Right: -378.842 ± 337.535 $\chi^2/\text{NDF}: 32.2/32$

In: 51.030 ± 325.577 $\chi^2/\text{NDF}: 24.1/26$

Out: -312.339 ± 326.738 $\chi^2/\text{NDF}: 35.8/29$

All: -130.008 ± 230.627 $\chi^2/\text{NDF}: 60.5/56$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1355.421 $\pm$ 0.312 χ^2 /NDF: 644107.6/12

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

Left In: 1335.044 $\pm$ 0.320 χ^2 /NDF: 640510.8/10

Left: 1345.498 $\pm$ 0.223 χ^2 /NDF: 1286698.0/23

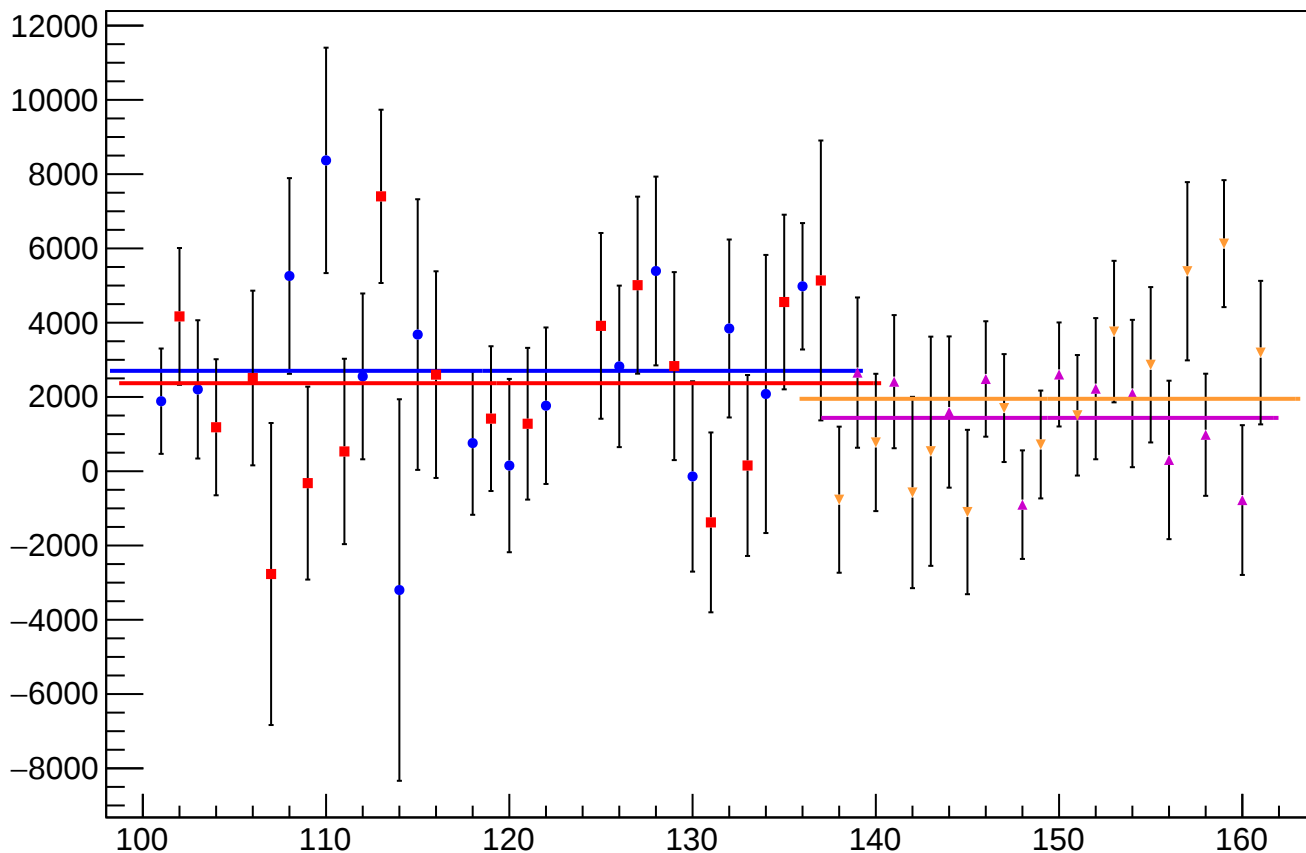
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1261.074 $\pm$ 0.230 χ^2 /NDF: 1294688.7/26

Out: 1309.327 $\pm$ 0.231 χ^2 /NDF: 1148196.5/29

All: 1285.115 $\pm$ 0.163 χ^2 /NDF: 2464772.7/56

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1950.294 $\pm$ 525.154 χ^2 /NDF:15.7/12

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

Left In: 1436.356 $\pm$ 530.396 χ^2 /NDF:6.2/10

Left: 1695.877 $\pm$ 373.179 χ^2 /NDF: 22.4/23

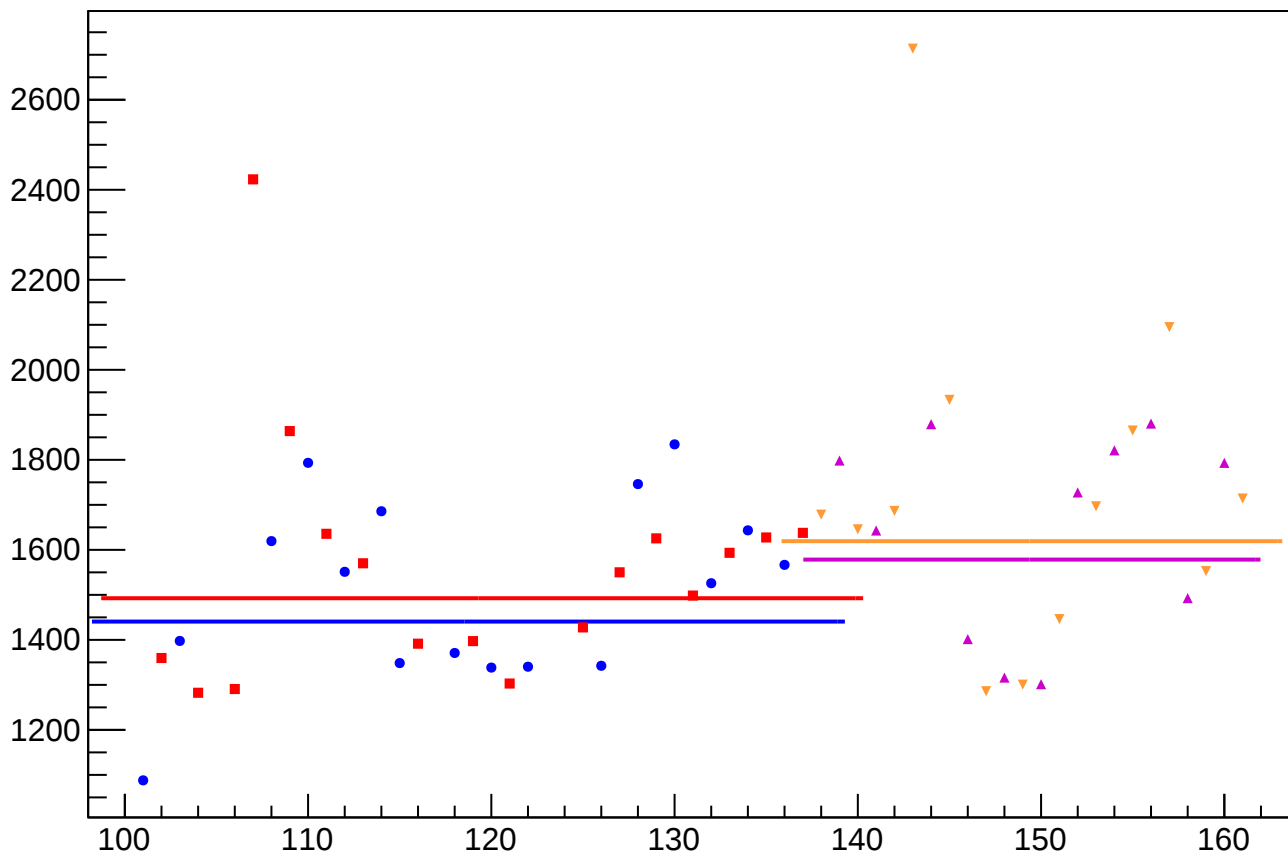
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2030.579 $\pm$ 386.543 χ^2 /NDF:21.9/26

Out: 2142.002 $\pm$ 387.300 χ^2 /NDF:32.1/29

All: 2086.182 $\pm$ 273.594 χ^2 /NDF: 54.0/56

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1619.266+/-0.371 χ^2/NDF : 636982.4/12

Right Out: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

Left In: 1578.353+/-0.375 χ^2/NDF : 348735.3/10

Left: 1599.013+/-0.264 χ^2/NDF : 991727.0/23

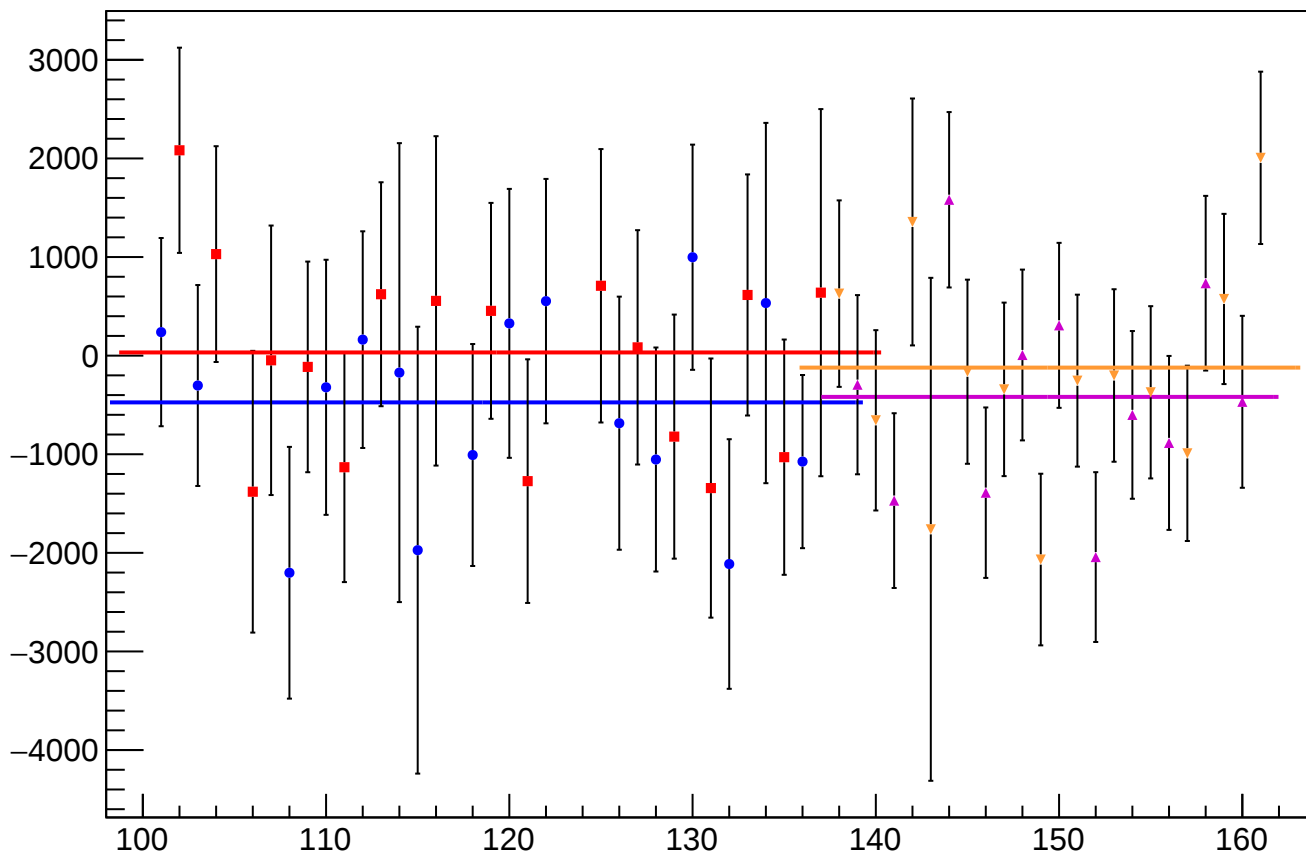
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1513.788+/-0.273 χ^2/NDF : 694203.9/26

Out: 1561.462+/-0.274 χ^2/NDF : 941616.2/29

All: 1537.579+/-0.193 χ^2/NDF : 1651001.5/56

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -121.342 $\pm$ 260.700 χ^2 /NDF:15.5/12

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

Left In: -418.313 $\pm$ 263.028 χ^2 /NDF:14.3/10

Left: -268.508 $\pm$ 185.160 χ^2 /NDF: 30.5/23

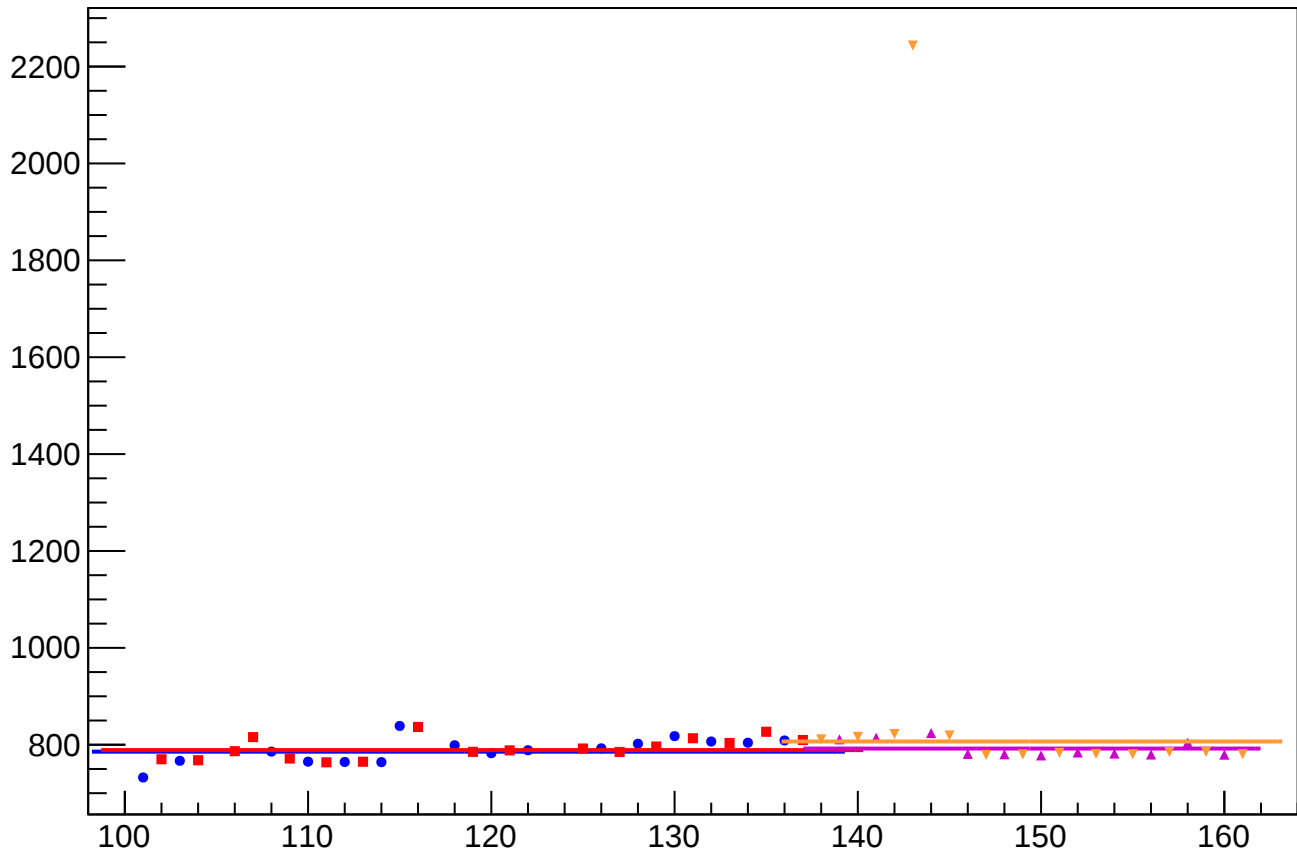
Right: -217.229 $\pm$ 213.362 χ^2 /NDF: 21.6/32

In: -442.219 $\pm$ 198.885 χ^2 /NDF:23.2/26

Out: -55.073 $\pm$ 196.671 χ^2 /NDF:26.9/29

All: -246.479 $\pm$ 139.844 χ^2 /NDF: 52.0/56

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 806.727 $\pm$ 0.184 χ^2 /NDF: 648630.4/12

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

Left In: 792.134 $\pm$ 0.186 χ^2 /NDF: 7661.4/10

Left: 799.495 $\pm$ 0.131 χ^2 /NDF: 659397.0/23

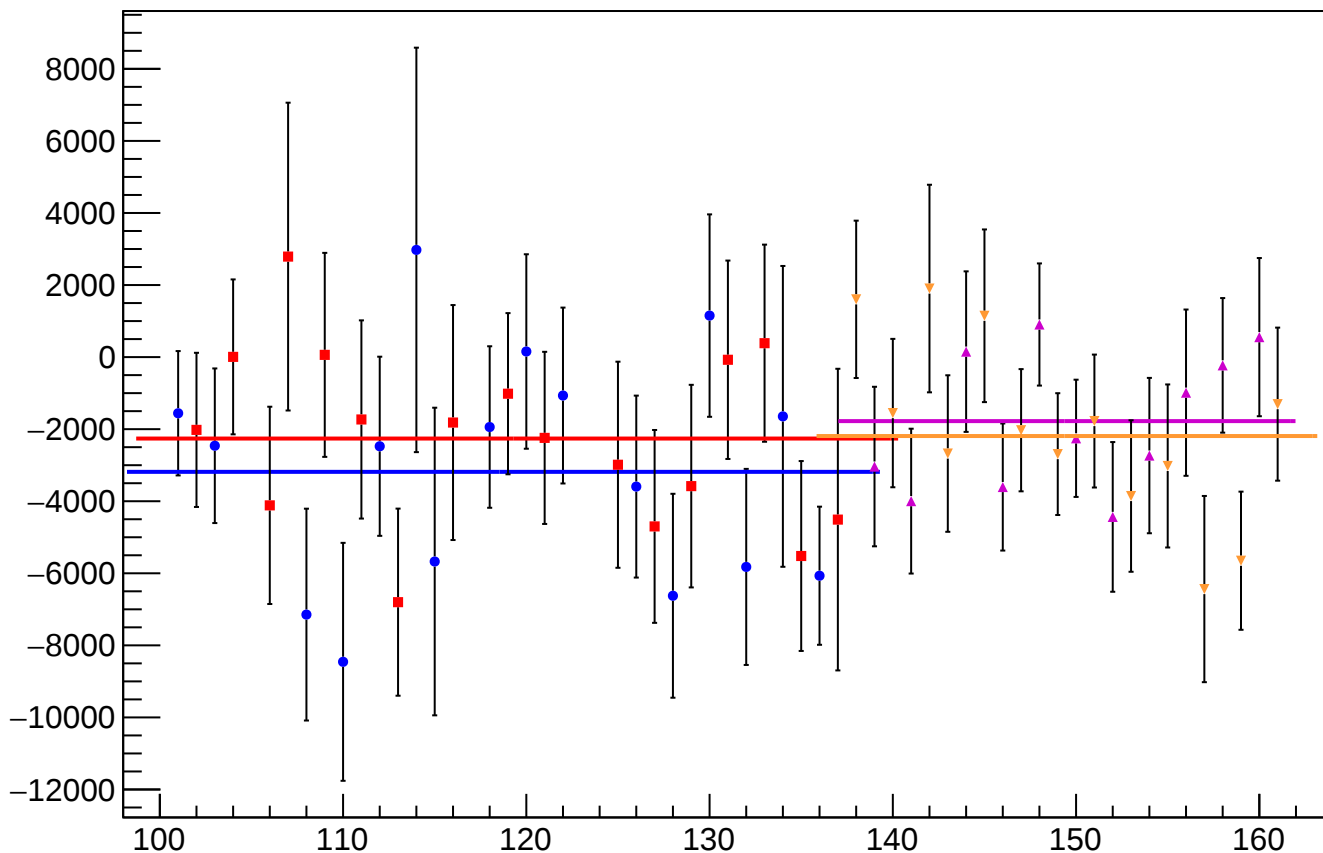
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 789.398 $\pm$ 0.141 χ^2 /NDF: 22088.2/26

Out: 799.063 $\pm$ 0.139 χ^2 /NDF: 662166.7/29

All: 794.285 $\pm$ 0.099 χ^2 /NDF: 686642.6/56

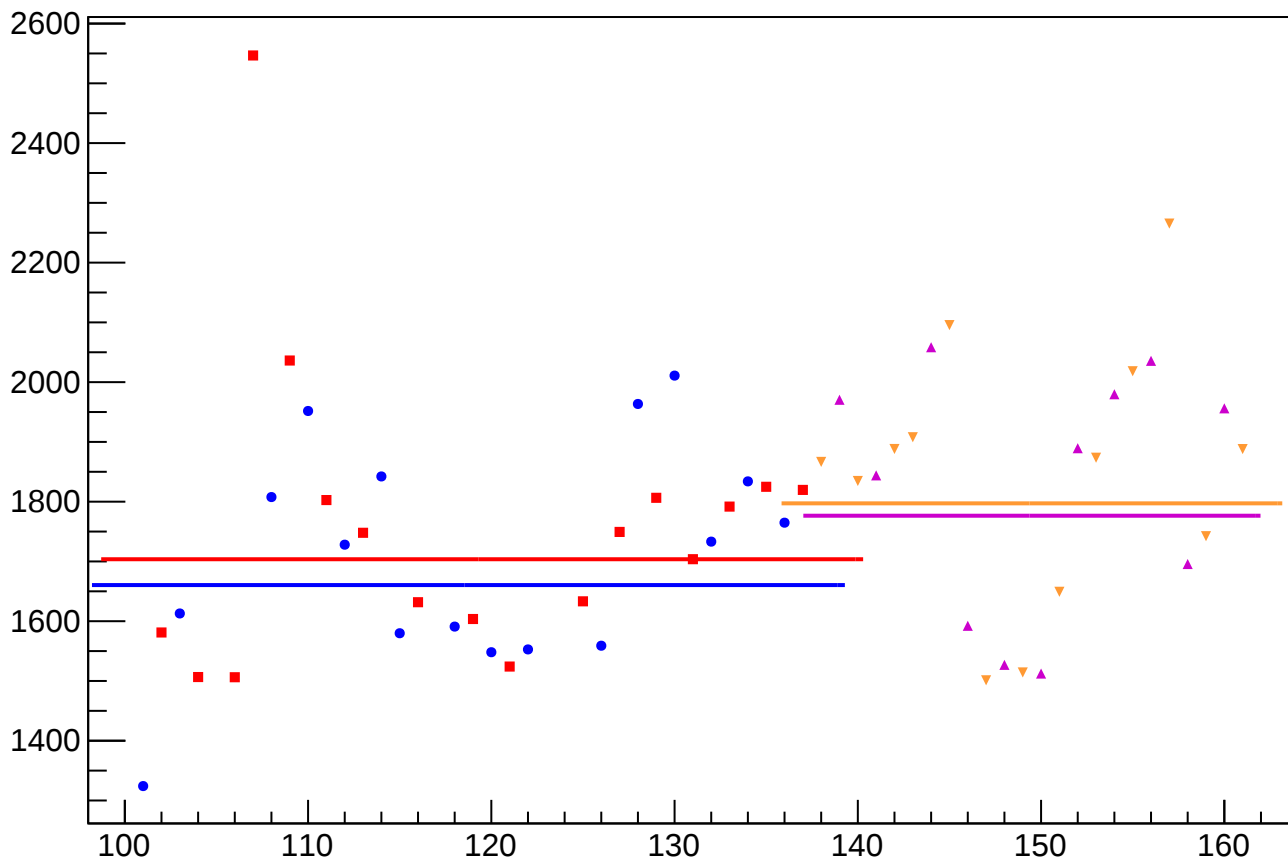
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2190.606 $\pm$ 576.494 χ^2/NDF :14.2/12
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -1776.458 $\pm$ 594.516 χ^2/NDF :9.7/10

Left: -1989.904 $\pm$ 413.867 χ^2/NDF : 24.1/23
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2420.681 $\pm$ 437.879 χ^2/NDF :29.1/26
 Out: -2221.162 $\pm$ 431.870 χ^2/NDF :25.8/29
 All: -2319.543 $\pm$ 307.481 χ^2/NDF : 55.0/56

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1797.198 $\pm$ 0.408 χ^2/NDF : 263381.6/12

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

Left In: 1776.503 $\pm$ 0.420 χ^2/NDF : 233555.1/10

Left: 1787.169 $\pm$ 0.293 χ^2/NDF : 498185.6/23

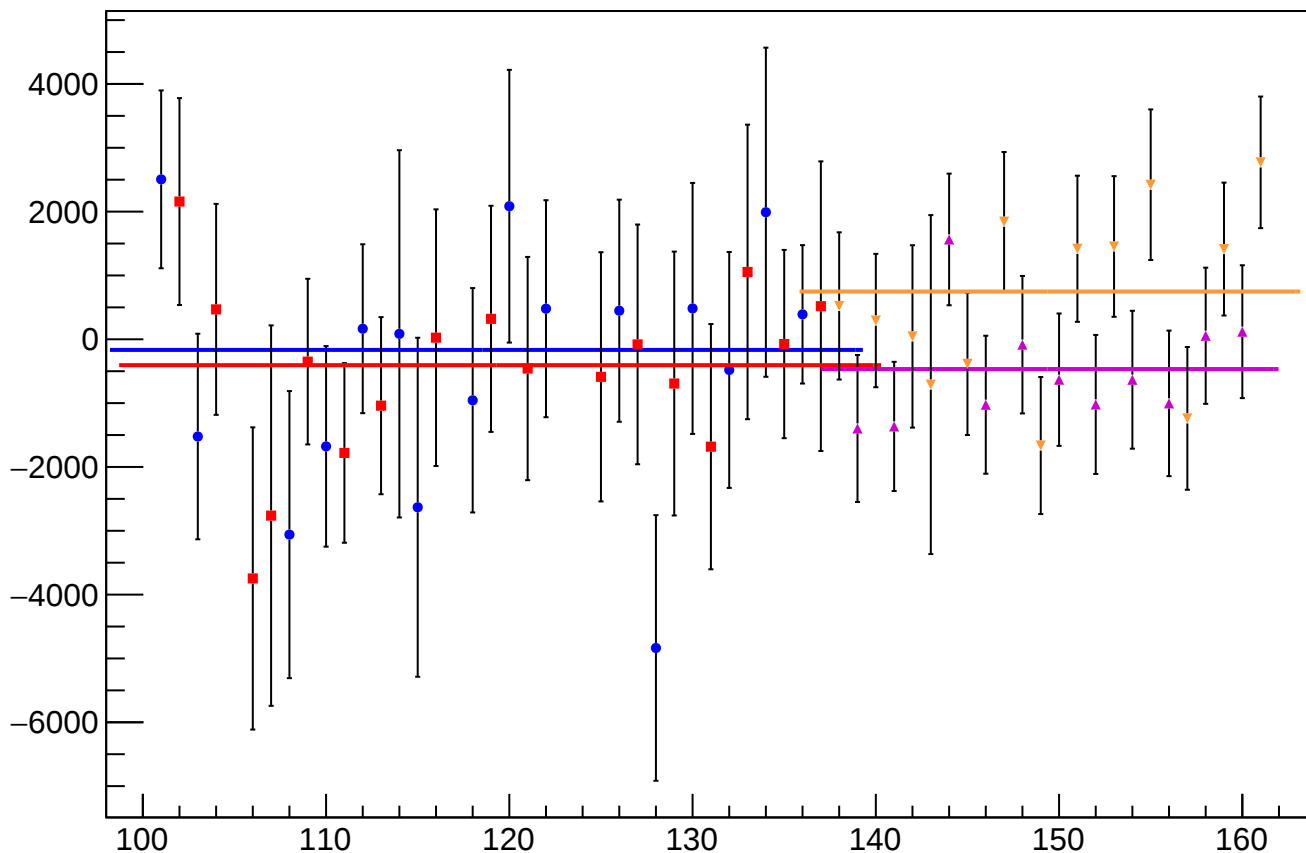
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1723.412 $\pm$ 0.310 χ^2/NDF : 447622.7/26

Out: 1756.162 $\pm$ 0.305 χ^2/NDF : 457501.2/29

All: 1740.013 $\pm$ 0.217 χ^2/NDF : 910795.2/56

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 747.982+/-319.721 χ^2/NDF : 18.0/12

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

Left In: -466.227+/-322.872 χ^2/NDF : 6.8/10

Left: 146.832+/-227.183 χ^2/NDF : 32.0/23

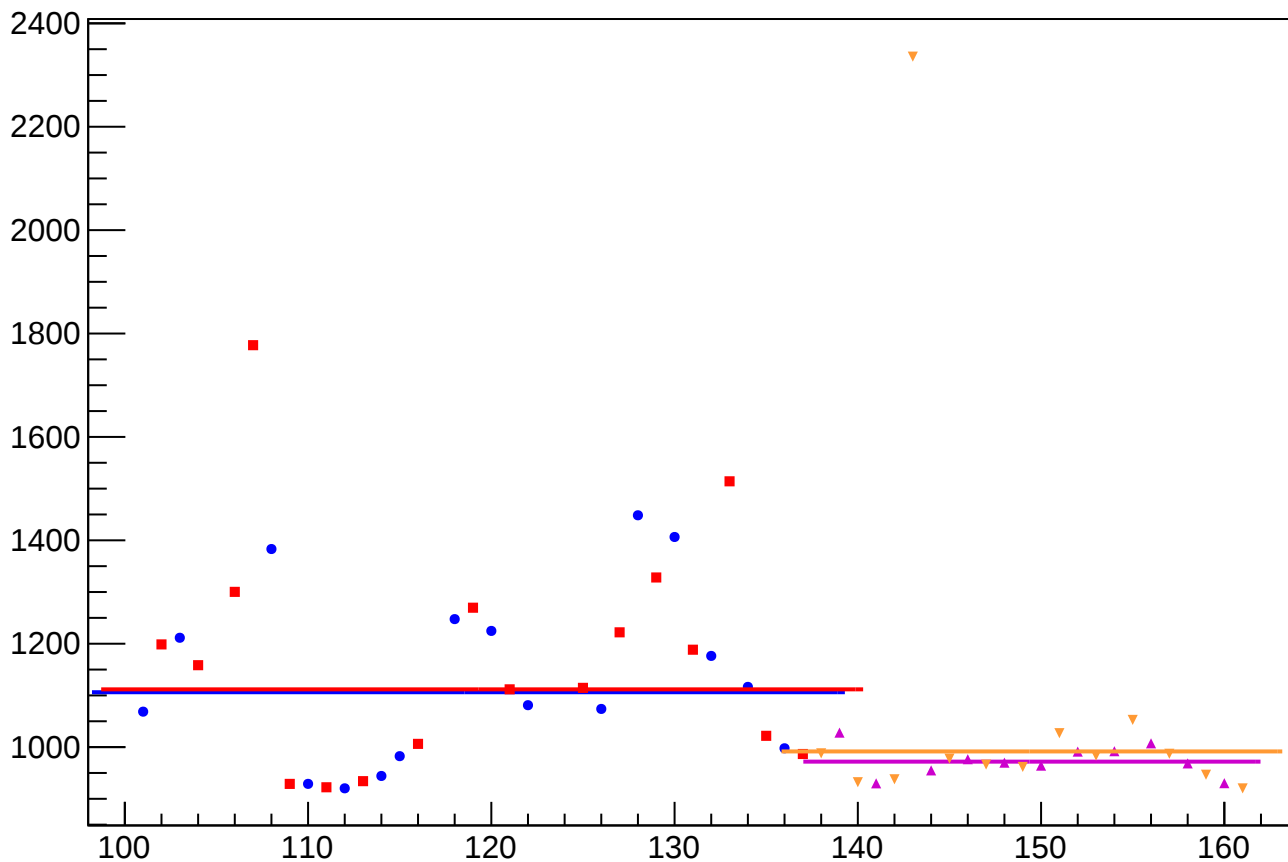
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -358.972+/-258.767 χ^2/NDF : 22.7/26

Out: 335.690+/-256.276 χ^2/NDF : 30.6/29

All: -8.281+/-182.089 χ^2/NDF : 57.0/56

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 991.643+/-0.226 χ^2/NDF : 545399.4/12

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

Left In: 971.904+/-0.228 χ^2/NDF : 15370.6/10

Left: 981.870+/-0.161 χ^2/NDF : 564544.3/23

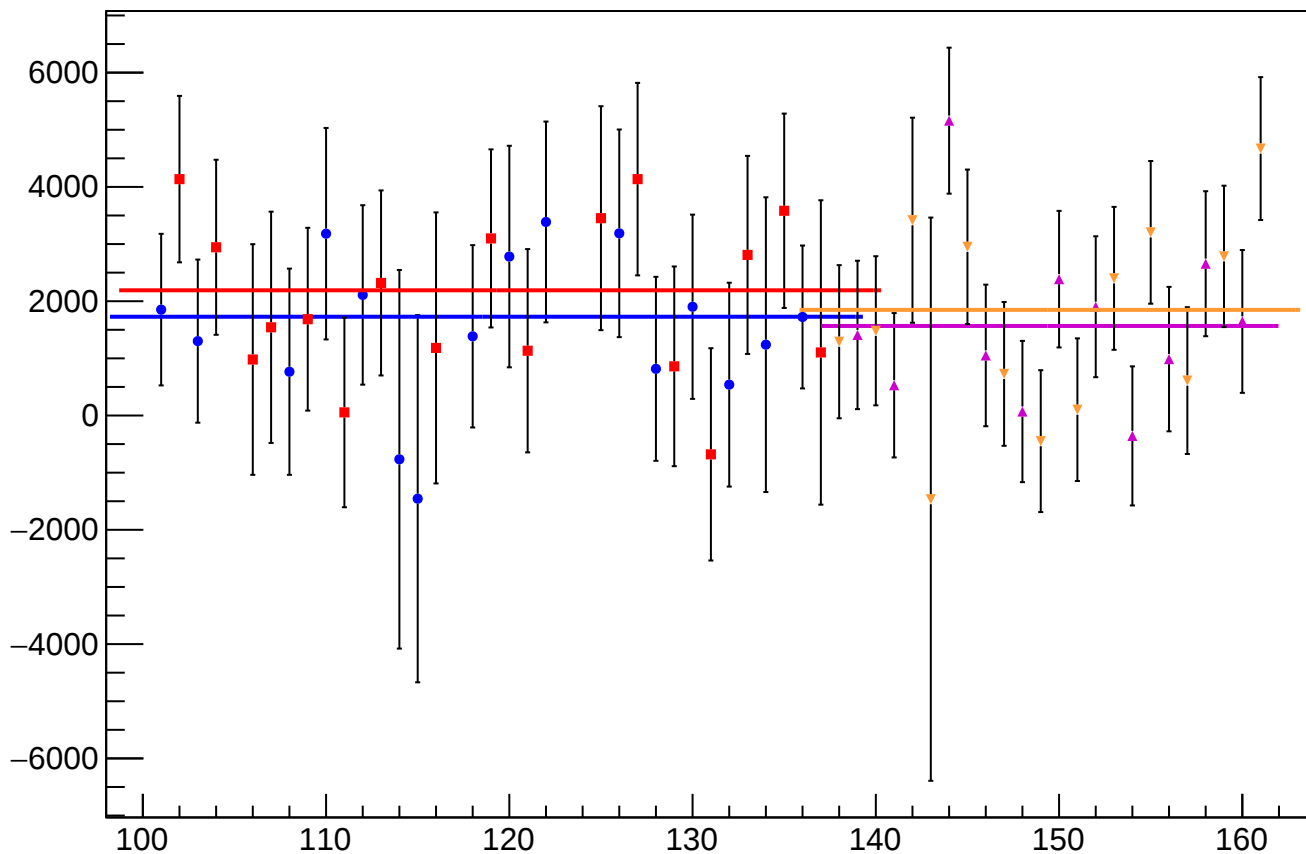
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1019.923+/-0.183 χ^2/NDF : 398972.7/26

Out: 1034.572+/-0.181 χ^2/NDF : 1002649.5/29

All: 1027.319+/-0.129 χ^2/NDF : 1404858.1/56

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1848.447+/-374.037 χ^2/NDF : 16.3/12

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

Left In: 1567.133+/-376.345 χ^2/NDF : 14.2/10

Left: 1708.655+/-265.296 χ^2/NDF : 30.8/23

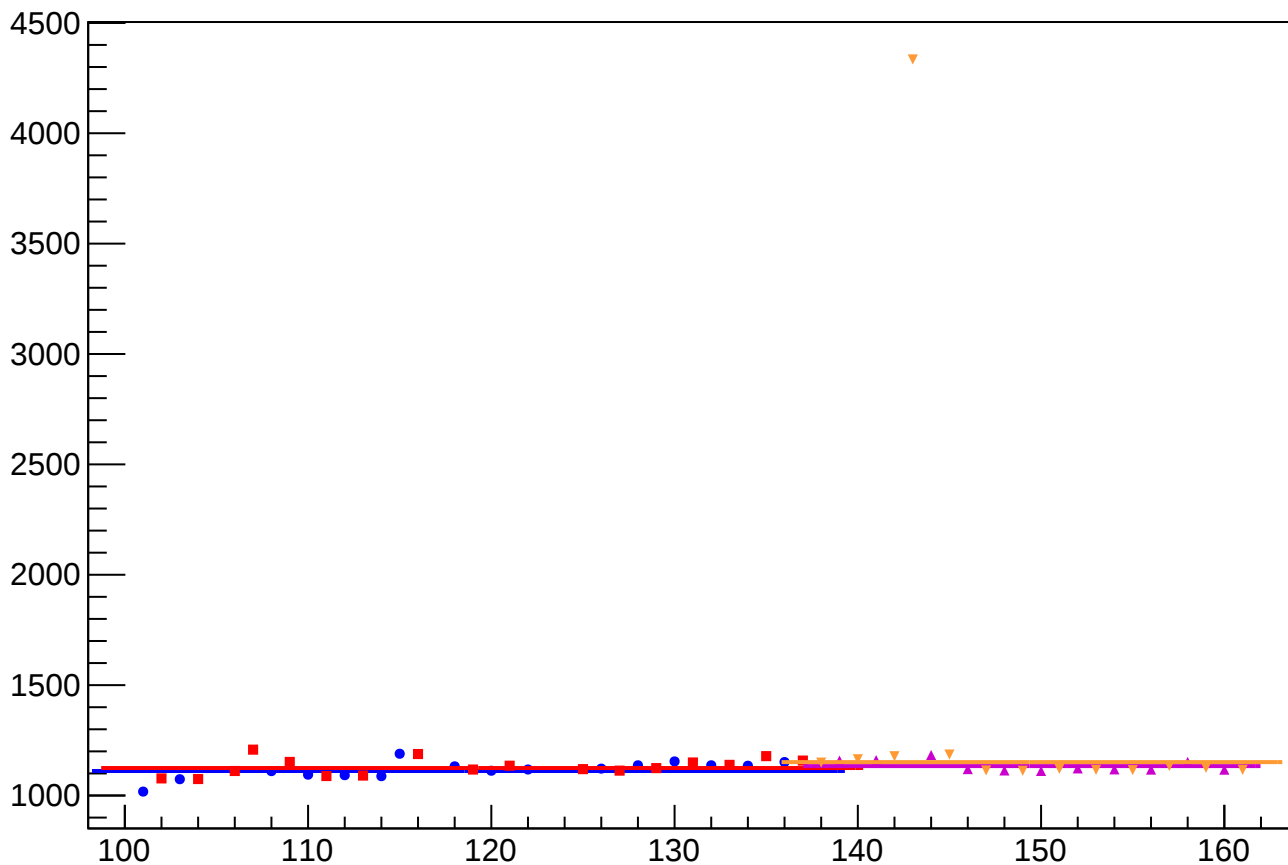
Right: 1961.110+/-303.000 χ^2/NDF : 16.7/32

In: 1637.147+/-283.141 χ^2/NDF : 19.6/26

Out: 1997.073+/-281.420 χ^2/NDF : 27.5/29

All: 1818.207+/-199.600 χ^2/NDF : 47.9/56

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1151.338+/-0.264 χ^2/NDF : 847439.8/12

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

Left In: 1133.324+/-0.266 χ^2/NDF : 7738.1/10

Left: 1142.386+/-0.188 χ^2/NDF : 857483.1/23

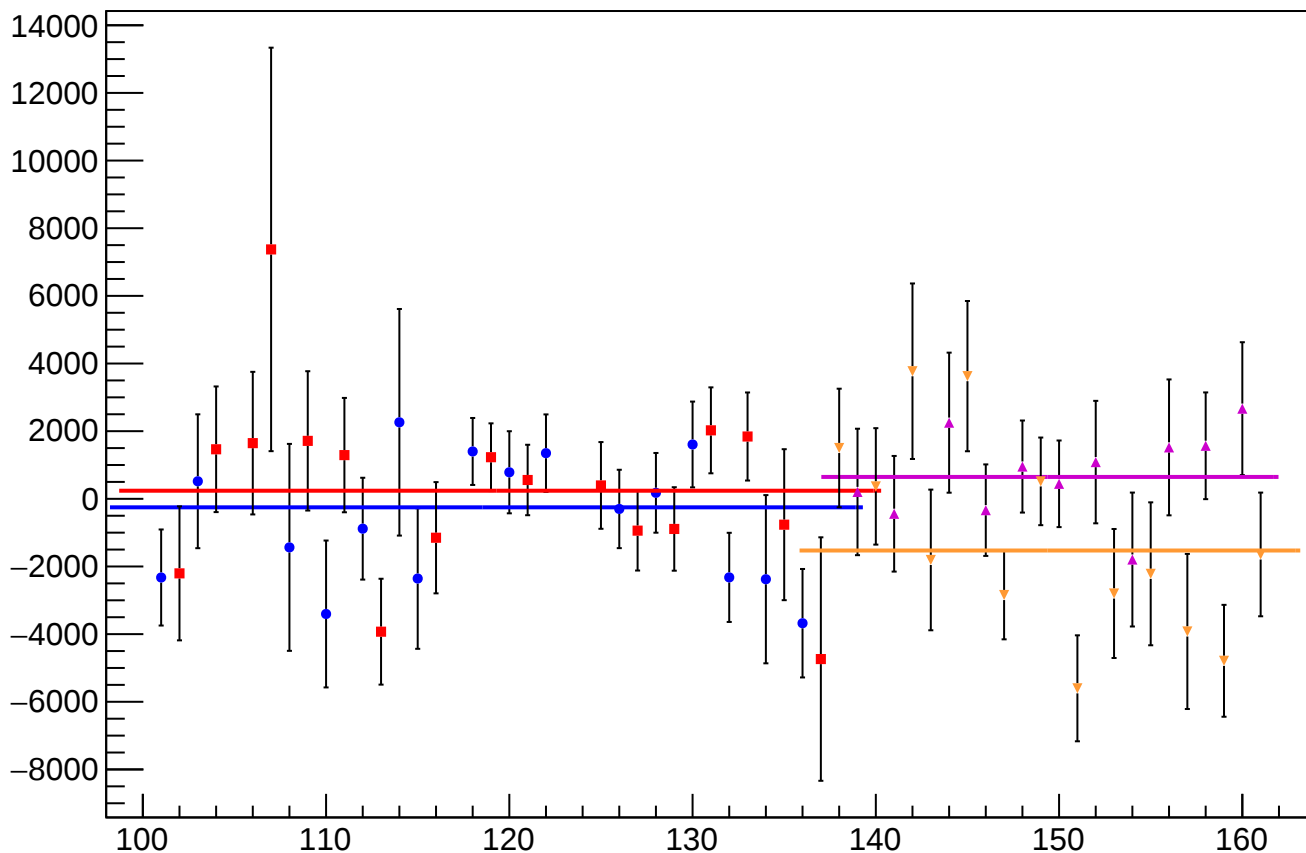
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1123.654+/-0.200 χ^2/NDF : 28871.5/26

Out: 1139.699+/-0.199 χ^2/NDF : 866503.6/29

All: 1131.725+/-0.141 χ^2/NDF : 898605.7/56

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1527.665+/-488.801 χ^2/NDF : 29.6/12

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

Left In: 647.237+/-498.274 χ^2/NDF : 4.8/10

Left: -461.087+/-348.935 χ^2/NDF : 44.1/23

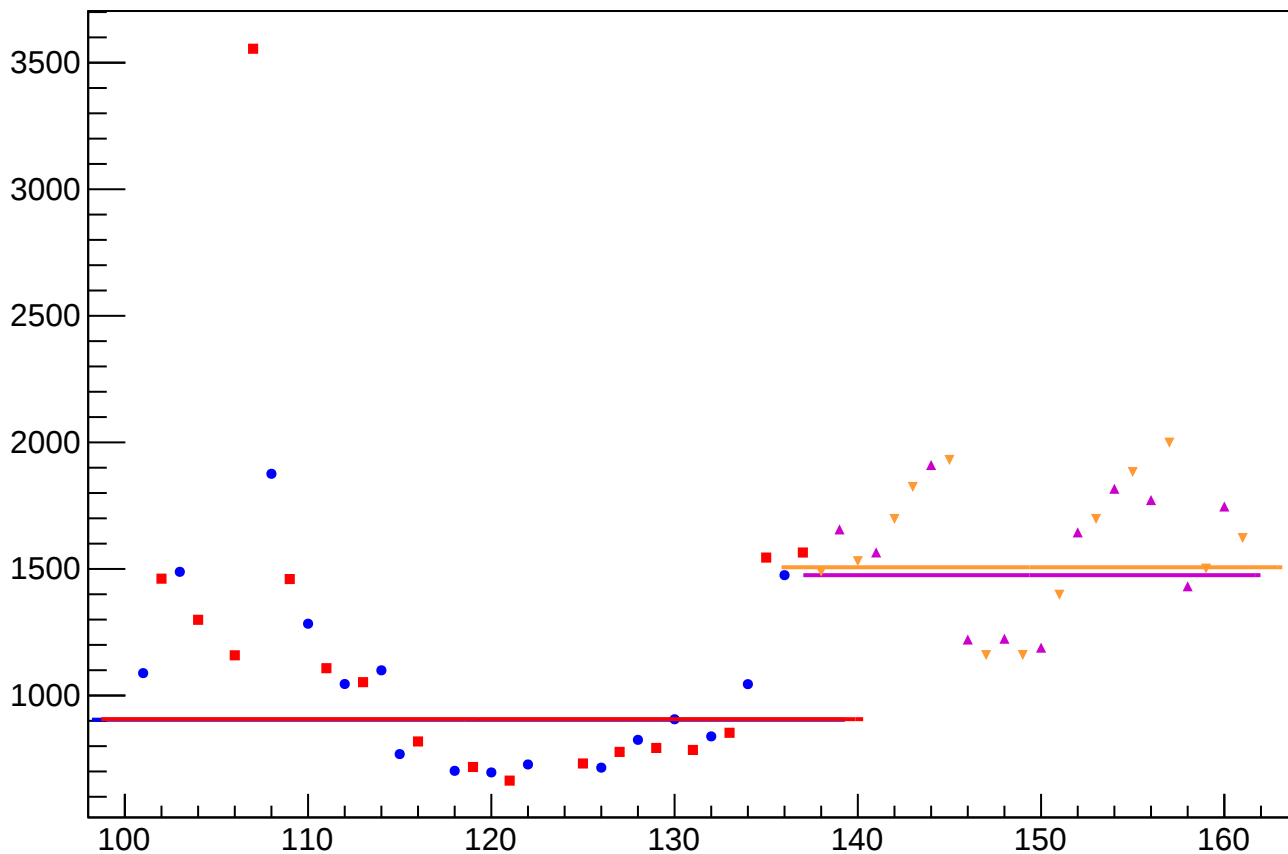
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: 62.407+/-294.425 χ^2/NDF : 28.8/26

Out: -390.308+/-291.862 χ^2/NDF : 59.1/29

All: -165.929+/-207.278 χ^2/NDF : 89.0/56

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1506.636+/-0.346 χ^2/NDF : 607446.5/12

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

Left In: 1475.411+/-0.352 χ^2/NDF : 511682.6/10

Left: 1491.323+/-0.247 χ^2/NDF : 1123131.5/23

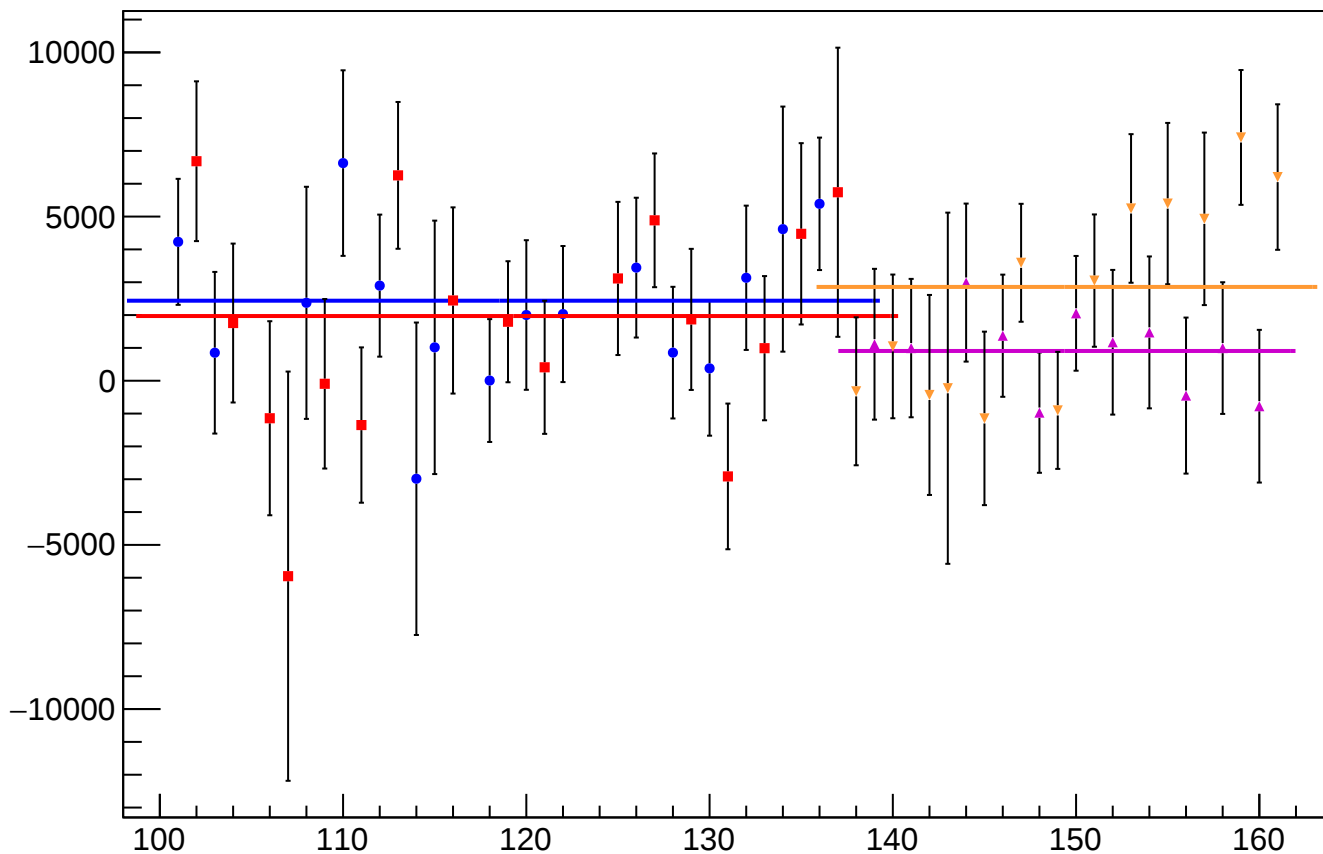
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1103.826+/-0.208 χ^2/NDF : 3241722.3/26

Out: 1120.525+/-0.206 χ^2/NDF : 3922890.4/29

All: 1112.249+/-0.147 χ^2/NDF : 7167857.7/56

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2857.018 $\pm$ 631.243 χ^2/NDF : 21.1/12

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

Left In: 906.388 $\pm$ 631.812 χ^2/NDF : 3.2/10

Left: 1882.582 $\pm$ 446.557 χ^2/NDF : 29.1/23

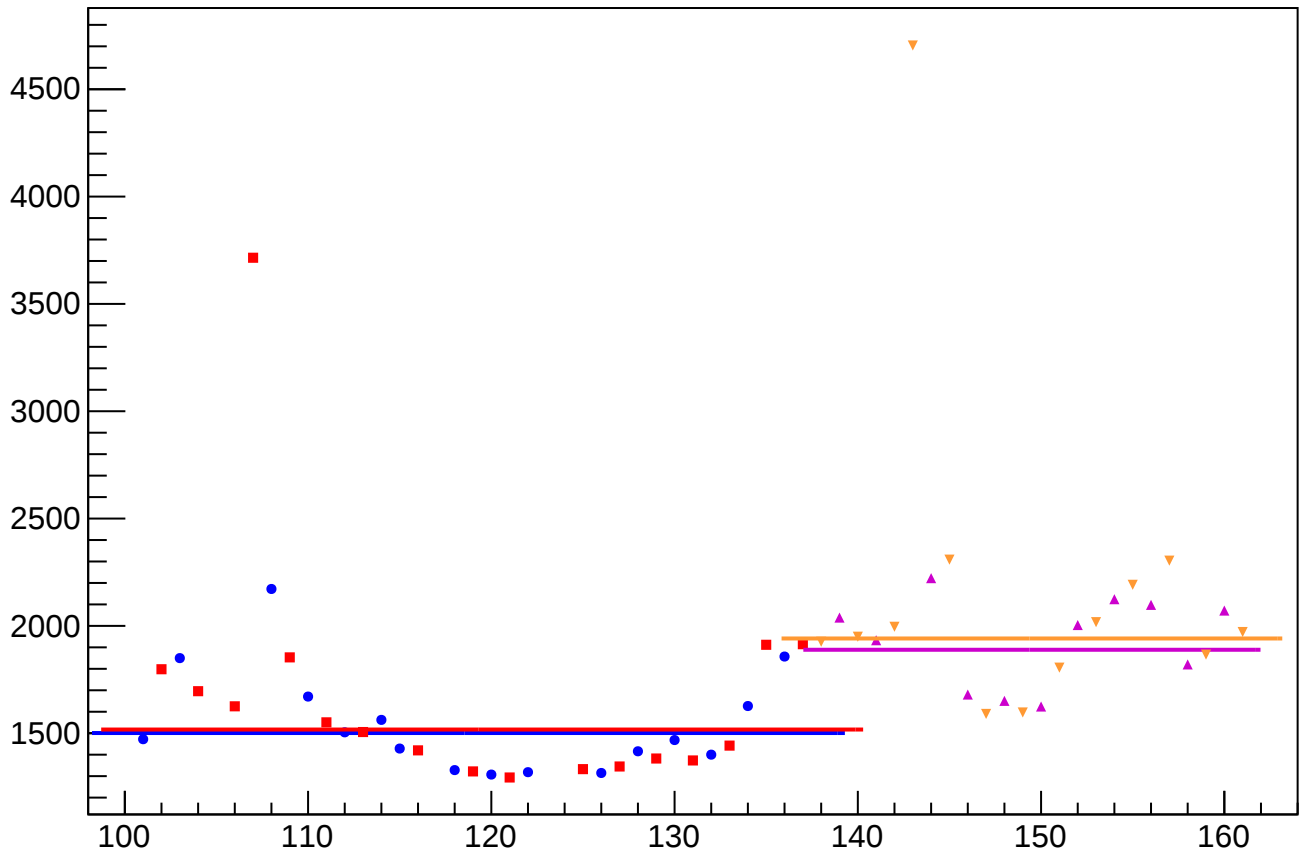
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

In: 1729.165 $\pm$ 429.739 χ^2/NDF : 17.6/26

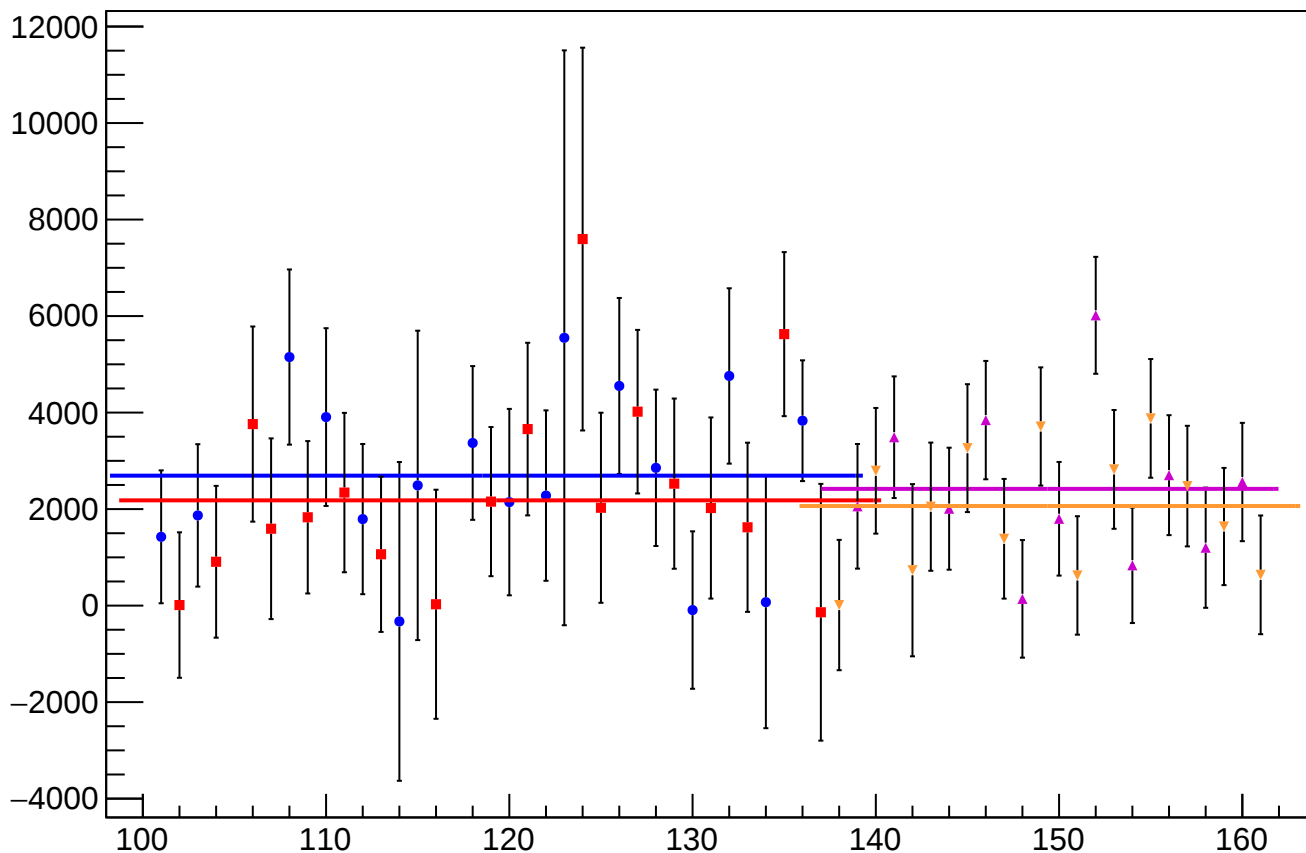
Out: 2381.323 $\pm$ 429.730 χ^2/NDF : 44.5/29

All: 2055.251 $\pm$ 303.868 χ^2/NDF : 63.2/56

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2063.618 $\pm$ 356.479 χ^2 /NDF:11.6/12

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

Left In: 2419.282 $\pm$ 371.356 χ^2 /NDF:17.6/10

Left: 2234.183 $\pm$ 257.167 χ^2 /NDF: 29.7/23

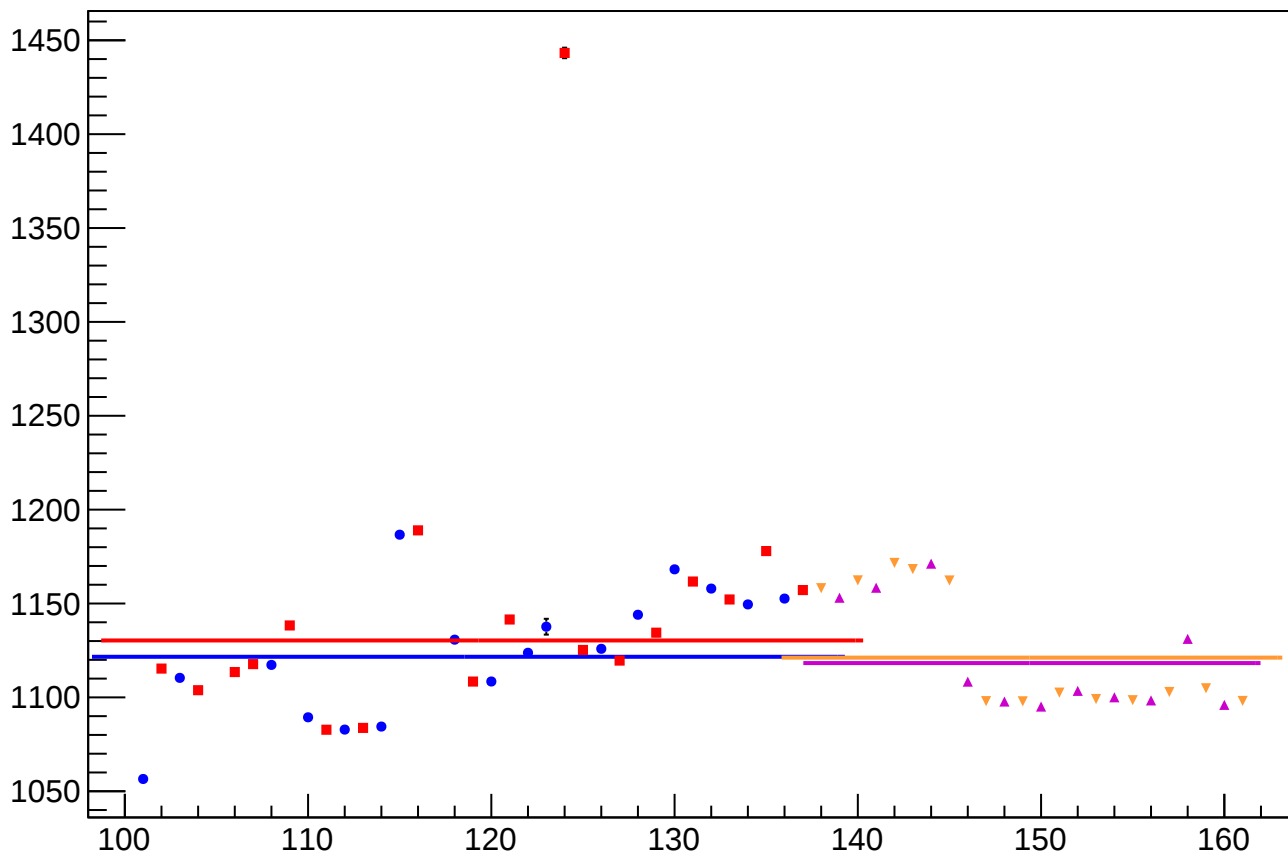
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2535.404 $\pm$ 281.780 χ^2 /NDF:30.1/27

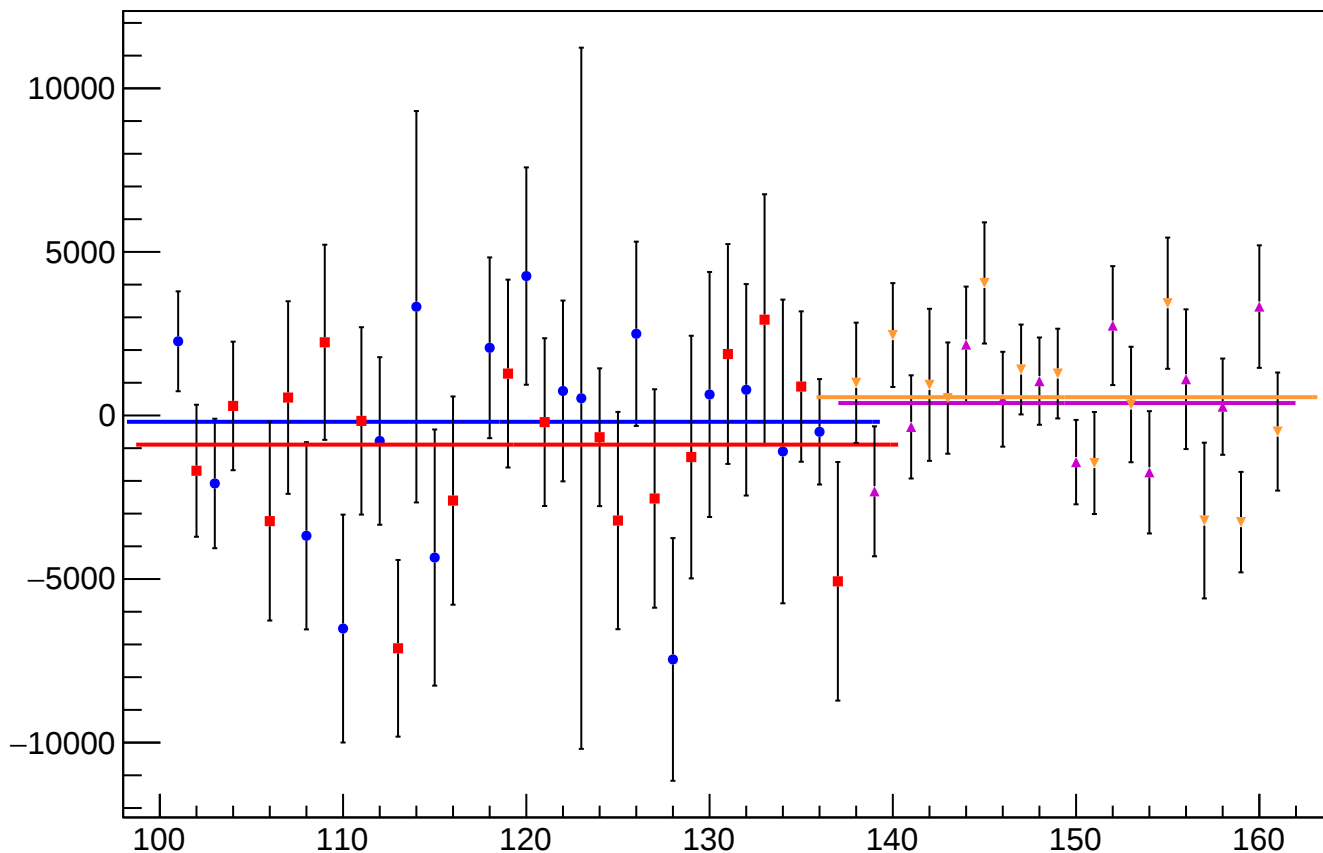
Out: 2112.027 $\pm$ 273.242 χ^2 /NDF:25.2/30

All: 2317.204 $\pm$ 196.160 χ^2 /NDF: 56.5/58

dit_asym_usr_rms vs Slug, Sign Corrected



asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 559.536+/-473.271 χ^2/NDF :18.5/12

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

Left In: 379.574+/-489.863 χ^2/NDF :10.9/10

Left: 472.654+/-340.368 χ^2/NDF : 29.4/23

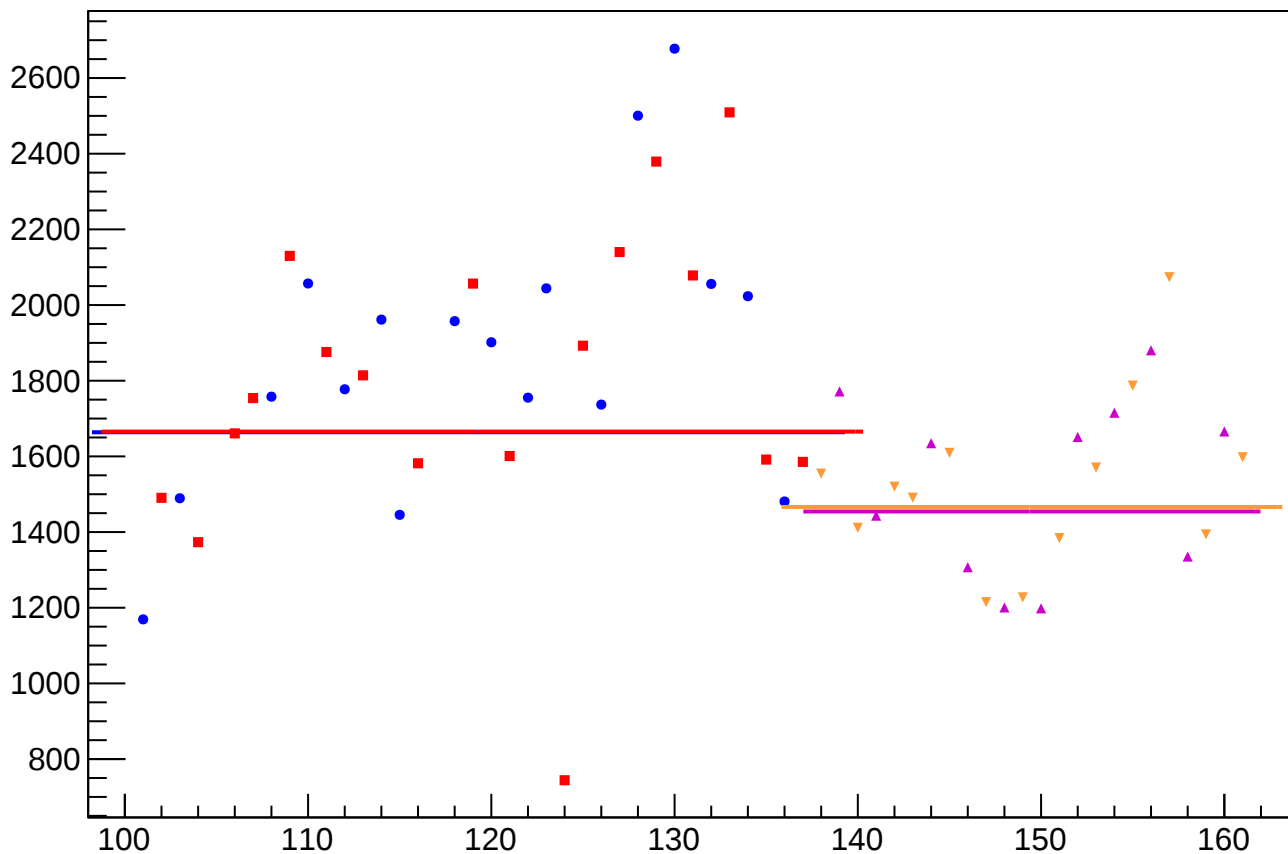
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 176.216+/-393.431 χ^2/NDF :28.7/27

Out: 56.352+/-382.478 χ^2/NDF :34.9/30

All: 114.593+/-274.243 χ^2/NDF : 63.6/58

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1466.364 $\pm$ 0.335 χ^2/NDF : 357022.3/12

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

Left In: 1454.367 $\pm$ 0.346 χ^2/NDF : 424194.7/10

Left: 1460.572 $\pm$ 0.241 χ^2/NDF : 781837.5/23

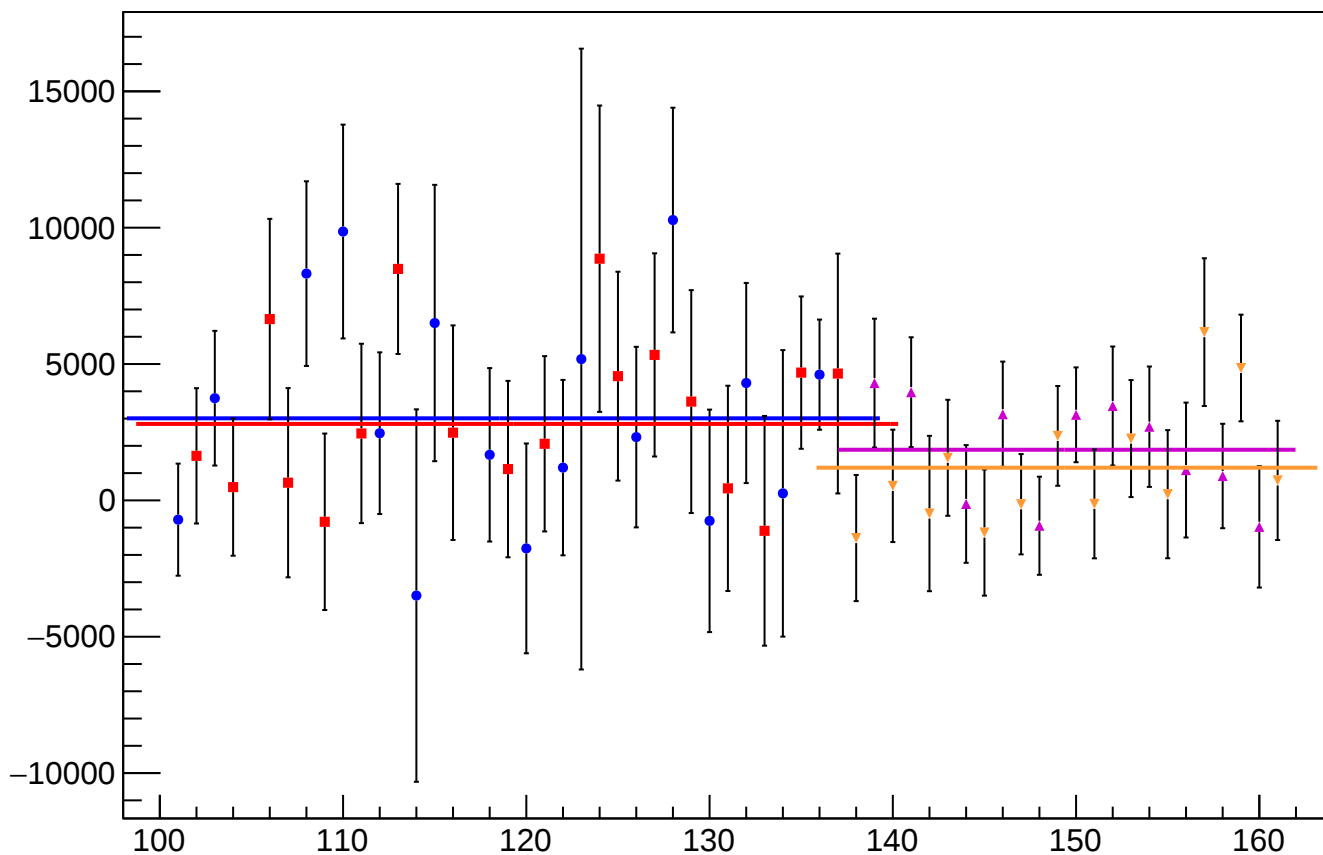
Right: 1664.637 $\pm$ 0.327 χ^2/NDF : 1425275.8/34

In: 1528.700 $\pm$ 0.278 χ^2/NDF : 1176408.6/27

Out: 1535.429 $\pm$ 0.270 χ^2/NDF : 1282599.0/30

All: 1532.159 $\pm$ 0.194 χ^2/NDF : 2459308.3/58

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1198.768 $\pm$ 597.137 χ^2/NDF : 11.5/12

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

Left In: 1856.771 $\pm$ 619.914 χ^2/NDF : 9.1/10

Left: 1515.459 $\pm$ 430.066 χ^2/NDF : 21.1/23

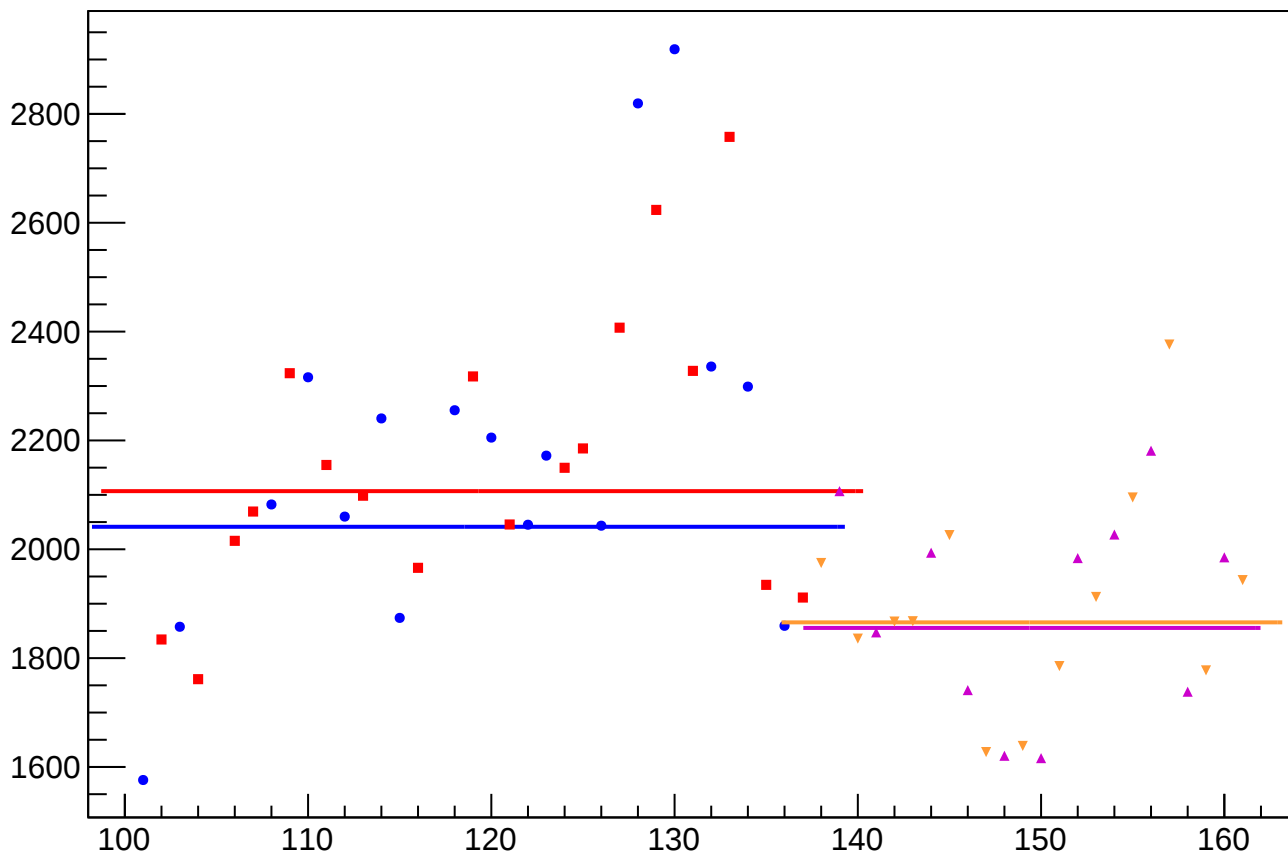
Right: 2906.573 $\pm$ 565.416 χ^2/NDF : 28.6/34

In: 2289.373 $\pm$ 489.934 χ^2/NDF : 27.7/27

Out: 1773.486 $\pm$ 478.442 χ^2/NDF : 25.3/30

All: 2025.309 $\pm$ 342.300 χ^2/NDF : 53.6/58

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1865.709 $\pm$ 0.422 χ^2 /NDF:179780.7/12

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

Left In: 1855.489 $\pm$ 0.438 χ^2 /NDF:177826.0/10

Left: 1860.790 $\pm$ 0.304 χ^2 /NDF: 357888.7/23

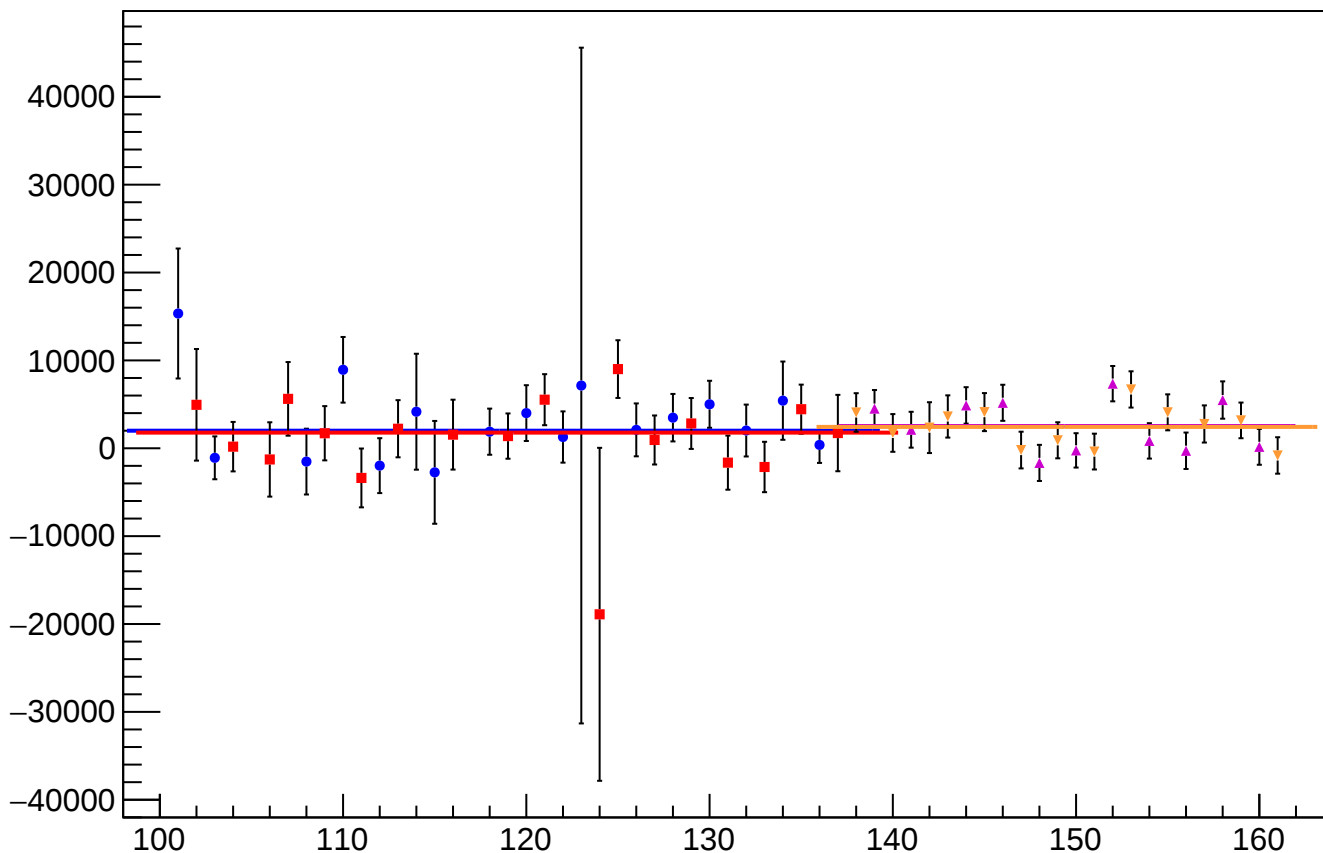
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1925.258 $\pm$ 0.346 χ^2 /NDF:583748.7/27

Out: 1952.044 $\pm$ 0.338 χ^2 /NDF:493271.3/30

All: 1938.969 $\pm$ 0.242 χ^2 /NDF: 1080080.1/58

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2432.632+/-596.466 χ^2/NDF :13.1/12

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

Left In: 2532.758+/-617.816 χ^2/NDF :21.6/10

Left: 2480.935+/-429.115 χ^2/NDF : 34.7/23

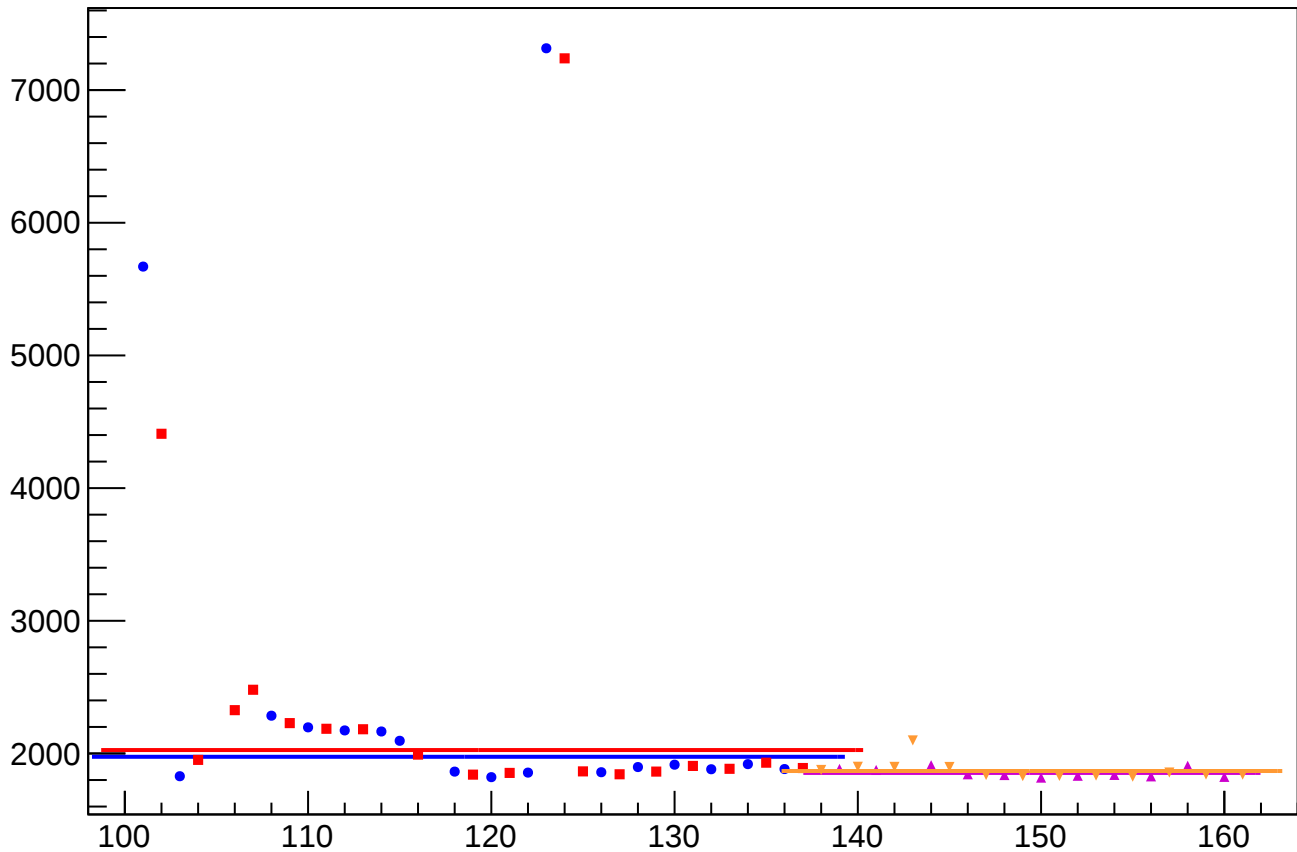
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2327.854+/-484.686 χ^2/NDF :36.7/27

Out: 2193.201+/-474.219 χ^2/NDF :29.8/30

All: 2259.058+/-338.964 χ^2/NDF : 66.6/58

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1867.908+/-0.422 χ^2/NDF : 23488.8/12

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

Left In: 1853.529+/-0.437 χ^2/NDF : 5421.1/10

Left: 1860.971+/-0.303 χ^2/NDF : 29470.6/23

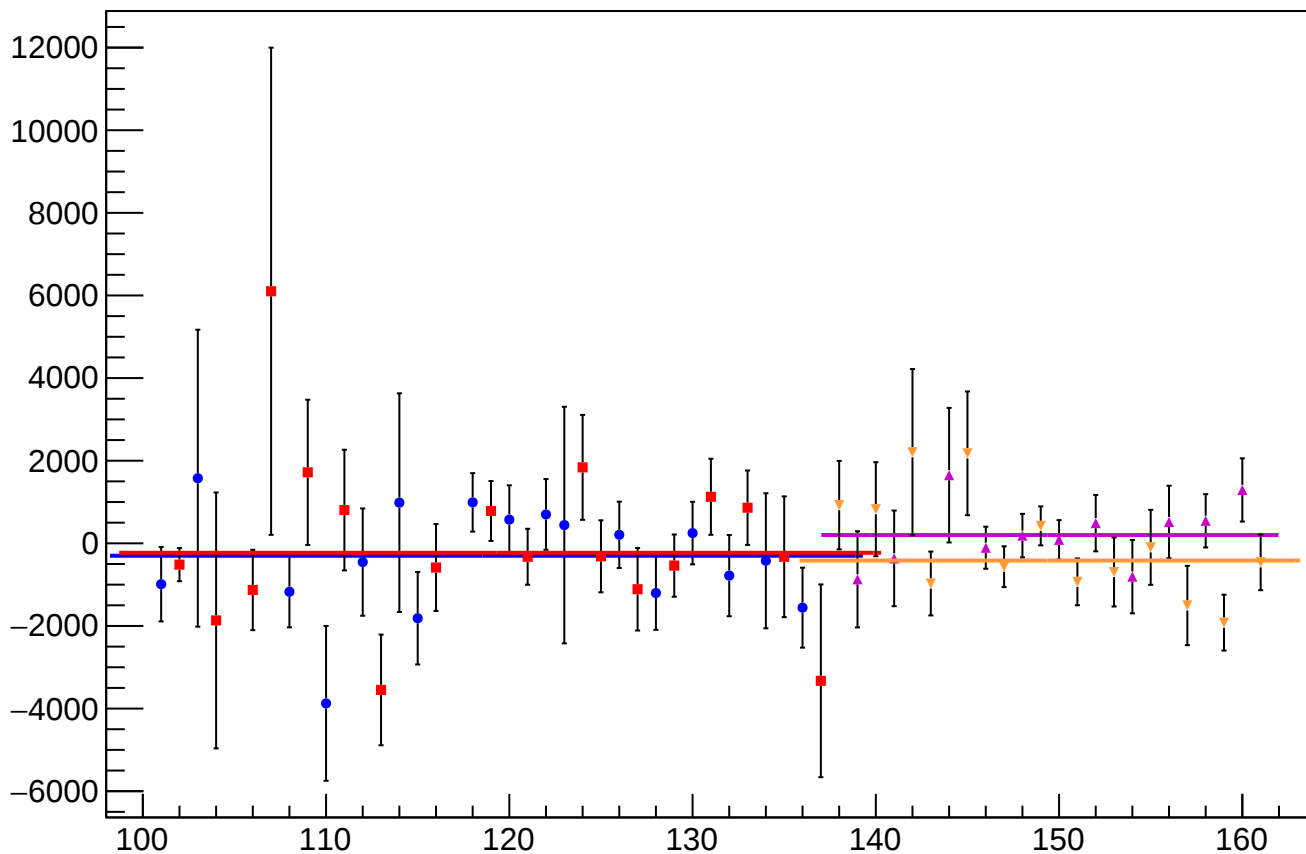
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1900.281+/-0.343 χ^2/NDF : 635036.2/27

Out: 1926.022+/-0.335 χ^2/NDF : 610479.8/30

All: 1913.433+/-0.240 χ^2/NDF : 1248398.1/58

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -416.484 $\pm$ 204.846 χ^2 /NDF:18.5/12

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

Left In: 202.303 $\pm$ 210.537 χ^2 /NDF:6.2/10

Left: -115.567 $\pm$ 146.819 χ^2 /NDF: 29.2/23

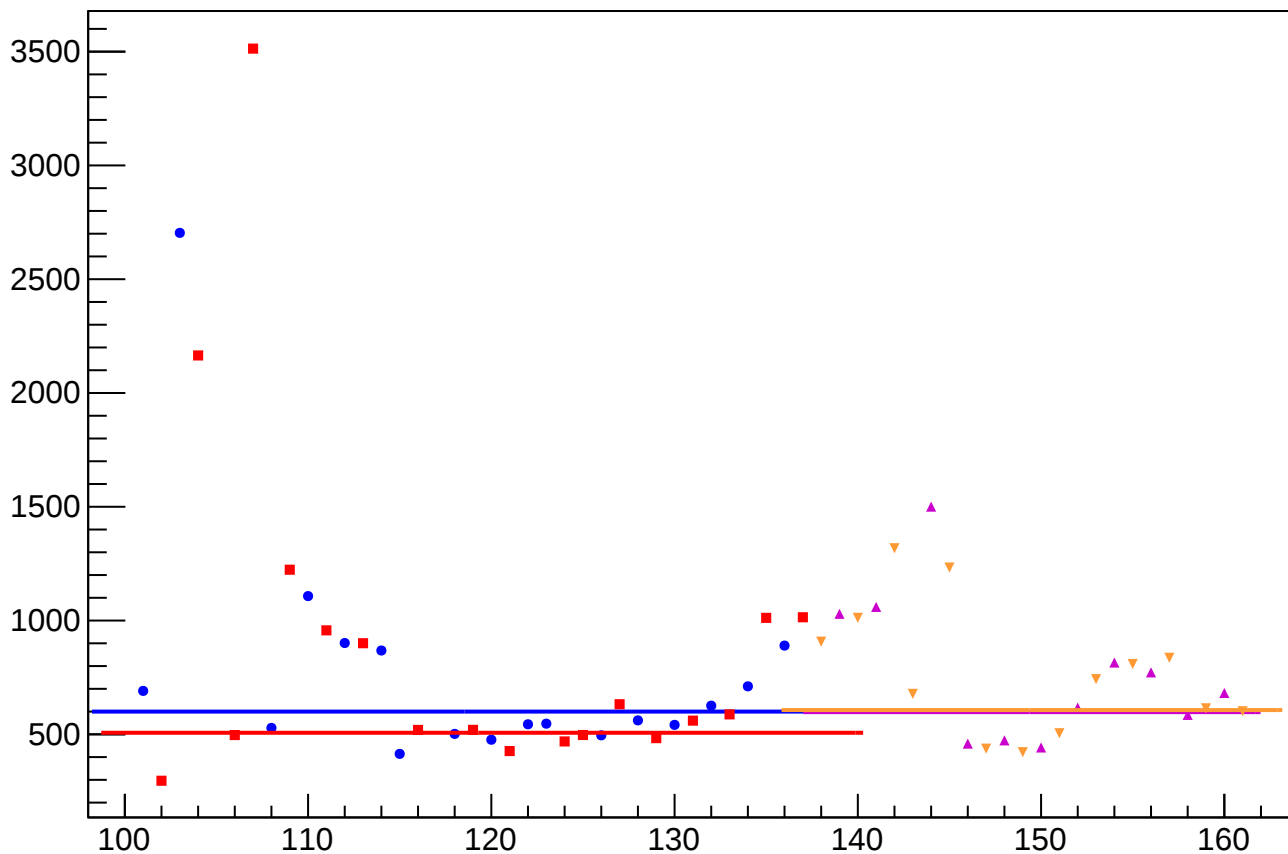
Right: -259.640 $\pm$ 162.327 χ^2 /NDF: 39.2/34

In: -9.448 $\pm$ 160.123 χ^2 /NDF:26.0/27

Out: -327.447 $\pm$ 148.512 χ^2 /NDF:40.7/30

All: -180.394 $\pm$ 108.887 χ^2 /NDF: 68.8/58

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.574+/-0.145 χ^2/NDF :1903522.3/12

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

Left In: 597.526+/-0.149 χ^2/NDF :1907340.2/10

Left: 602.174+/-0.104 χ^2/NDF : 3812760.2/23

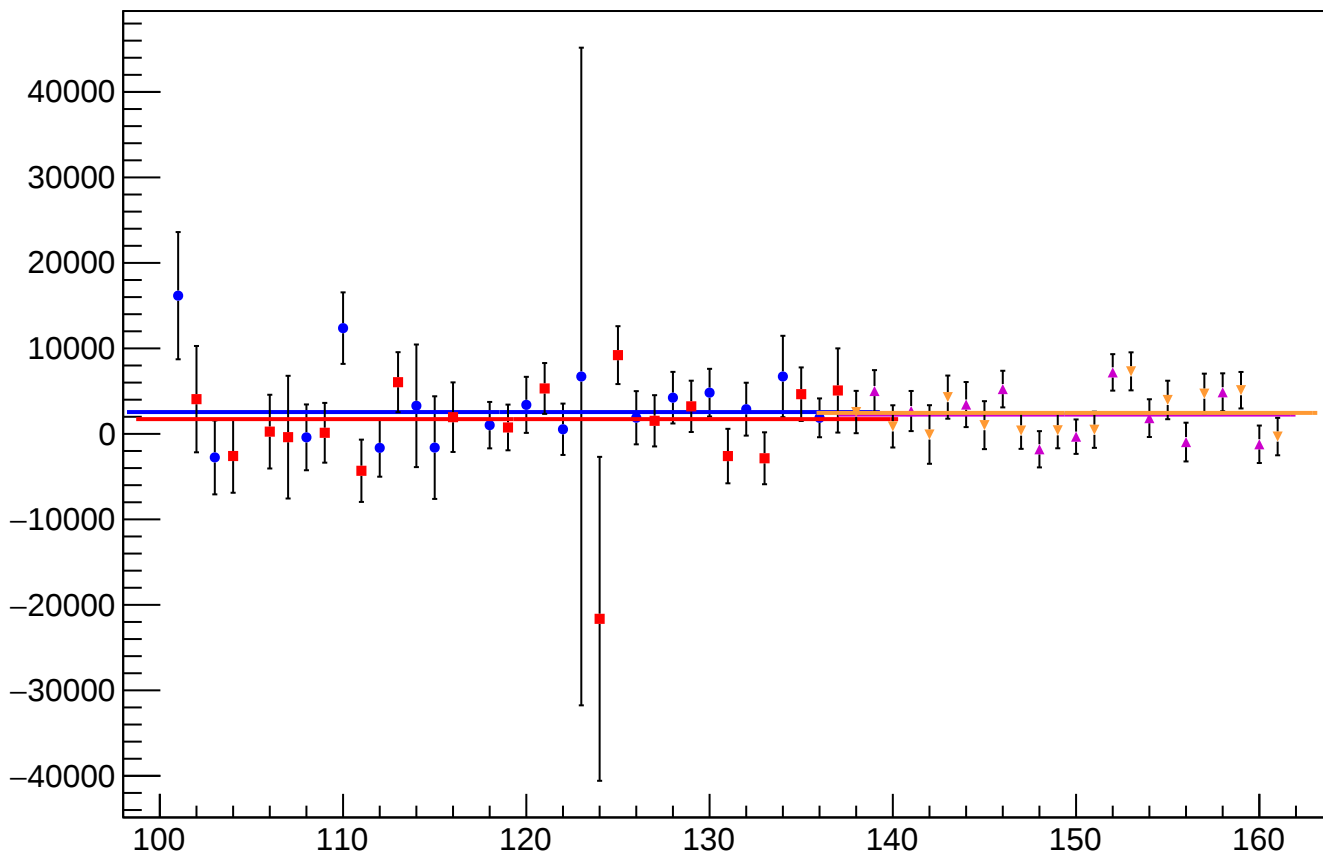
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 598.549+/-0.113 χ^2/NDF :3288501.7/27

Out: 559.279+/-0.105 χ^2/NDF :4889128.5/30

All: 577.439+/-0.077 χ^2/NDF : 8242297.8/58

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2454.274 $\pm$ 649.169 χ^2 /NDF:13.8/12

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

Left In: 2256.349 $\pm$ 672.595 χ^2 /NDF:20.0/10

Left: 2358.818 $\pm$ 467.094 χ^2 /NDF: 33.9/23

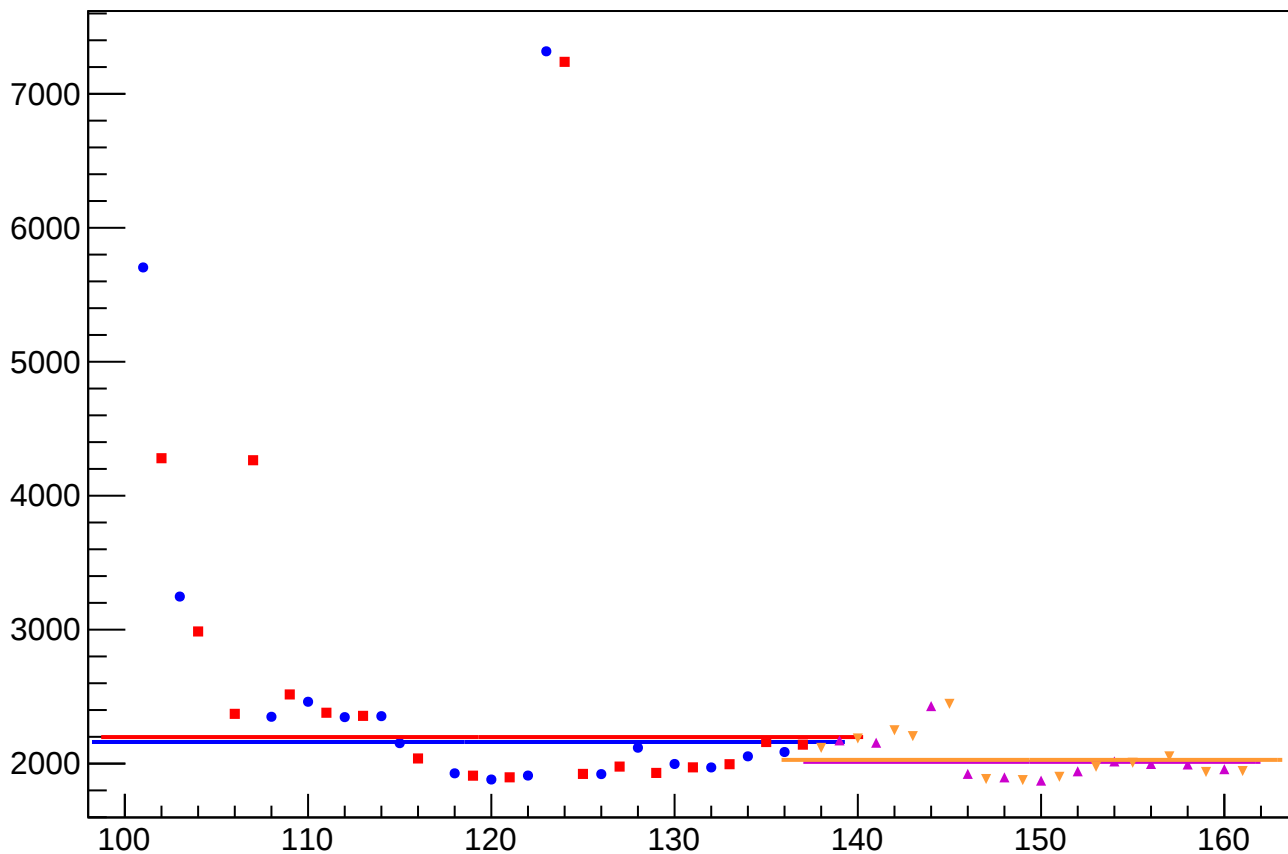
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2369.340 $\pm$ 529.550 χ^2 /NDF:35.8/27

Out: 2188.419 $\pm$ 517.063 χ^2 /NDF:33.8/30

All: 2276.721 $\pm$ 369.955 χ^2 /NDF: 69.6/58

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2027.851 $\pm$ 0.459 χ^2/NDF : 107928.0/12

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

Left In: 2013.017 $\pm$ 0.476 χ^2/NDF : 88676.6/10

Left: 2020.697 $\pm$ 0.330 χ^2/NDF : 197108.3/23

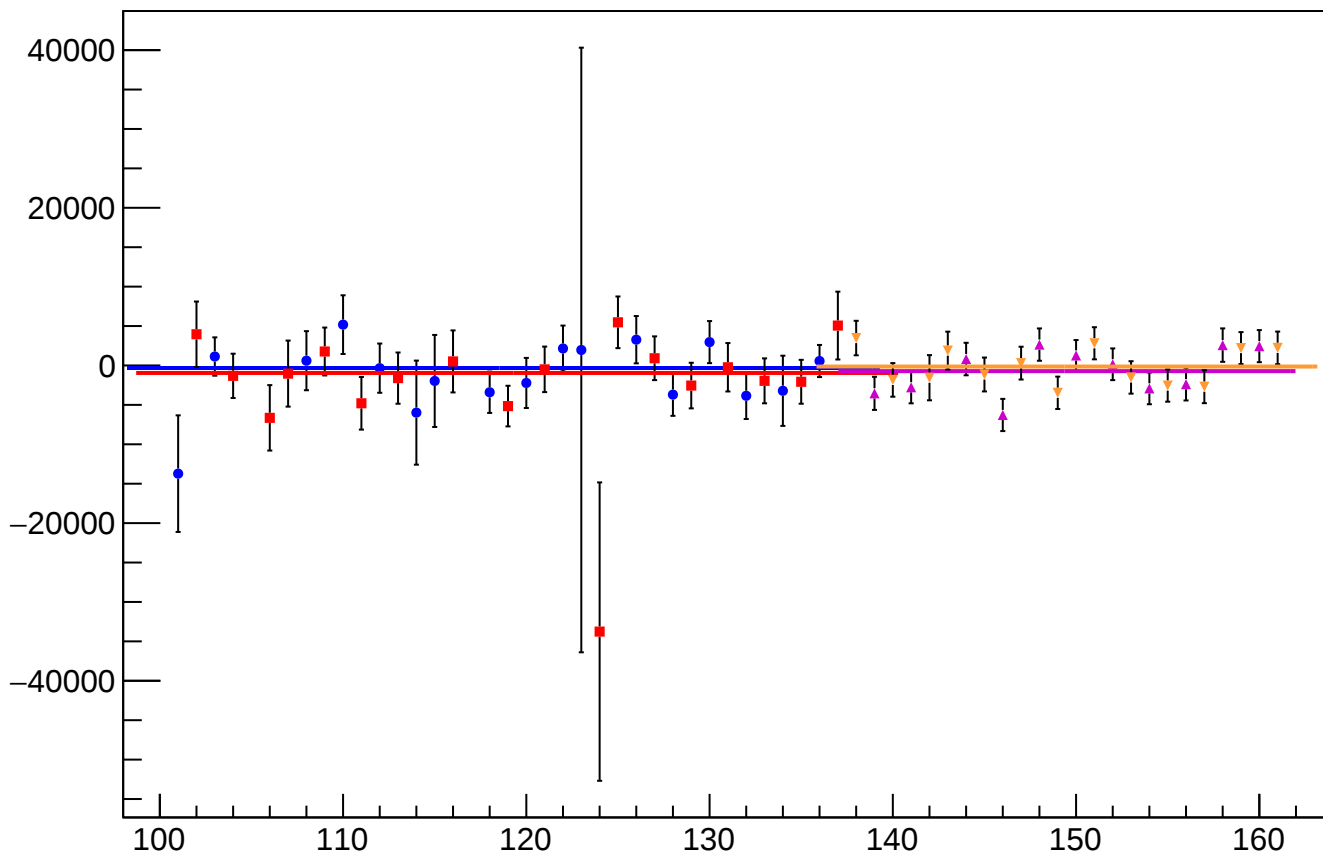
Right: 2179.883 $\pm$ 0.429 χ^2/NDF : 1446967.4/34

In: 2069.428 $\pm$ 0.374 χ^2/NDF : 836940.0/27

Out: 2090.124 $\pm$ 0.366 χ^2/NDF : 892141.9/30

All: 2080.023 $\pm$ 0.262 χ^2/NDF : 1730645.8/58

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -137.817+/-594.403 χ^2/NDF :15.3/12

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

Left In: -718.902+/-616.170 χ^2/NDF :21.4/10

Left: -417.914+/-427.795 χ^2/NDF : 37.1/23

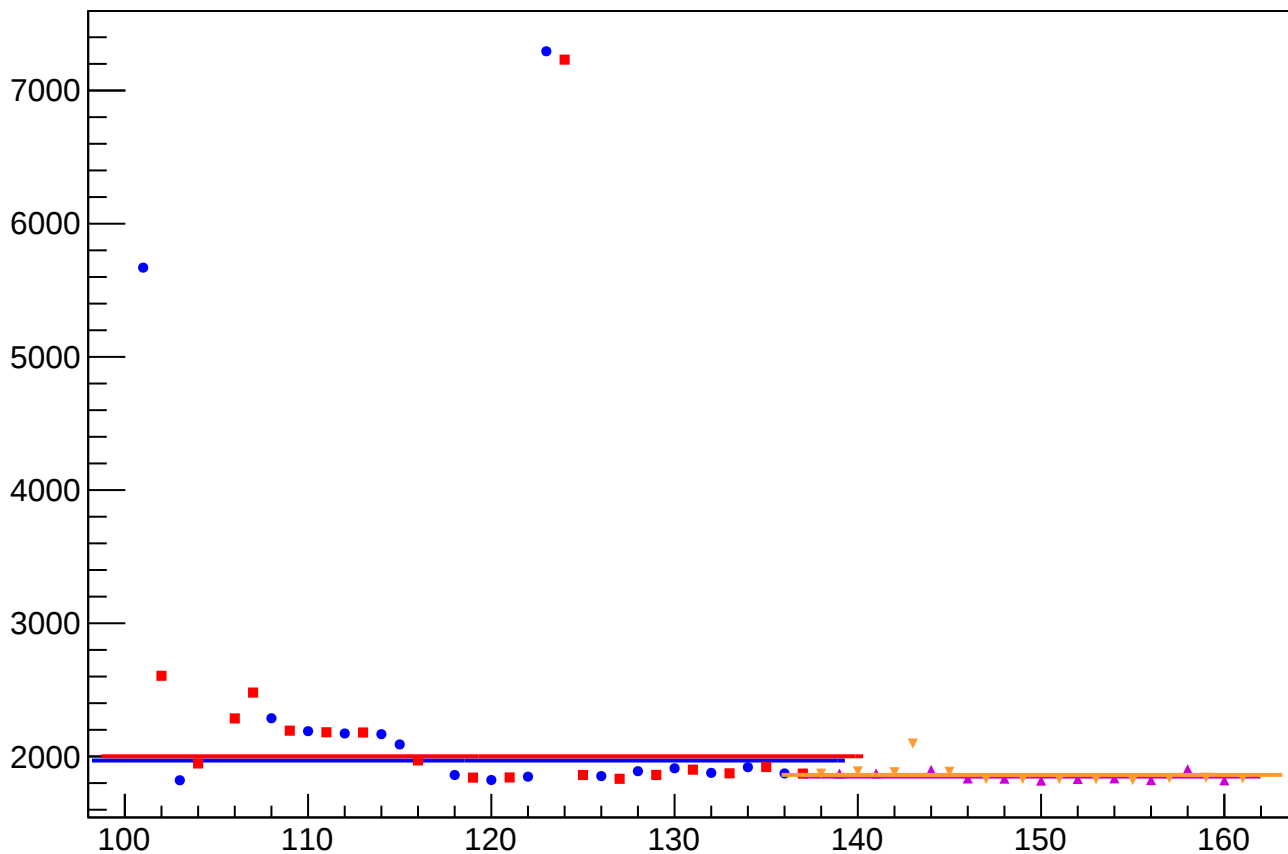
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -566.942+/-483.390 χ^2/NDF :37.3/27

Out: -441.431+/-470.583 χ^2/NDF :34.2/30

All: -502.502+/-337.189 χ^2/NDF : 71.5/58

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1861.521+/-0.420 χ^2/NDF :23288.9/12

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

Left In: 1848.663+/-0.436 χ^2/NDF :4740.6/10

Left: 1855.323+/-0.302 χ^2/NDF : 28480.6/23

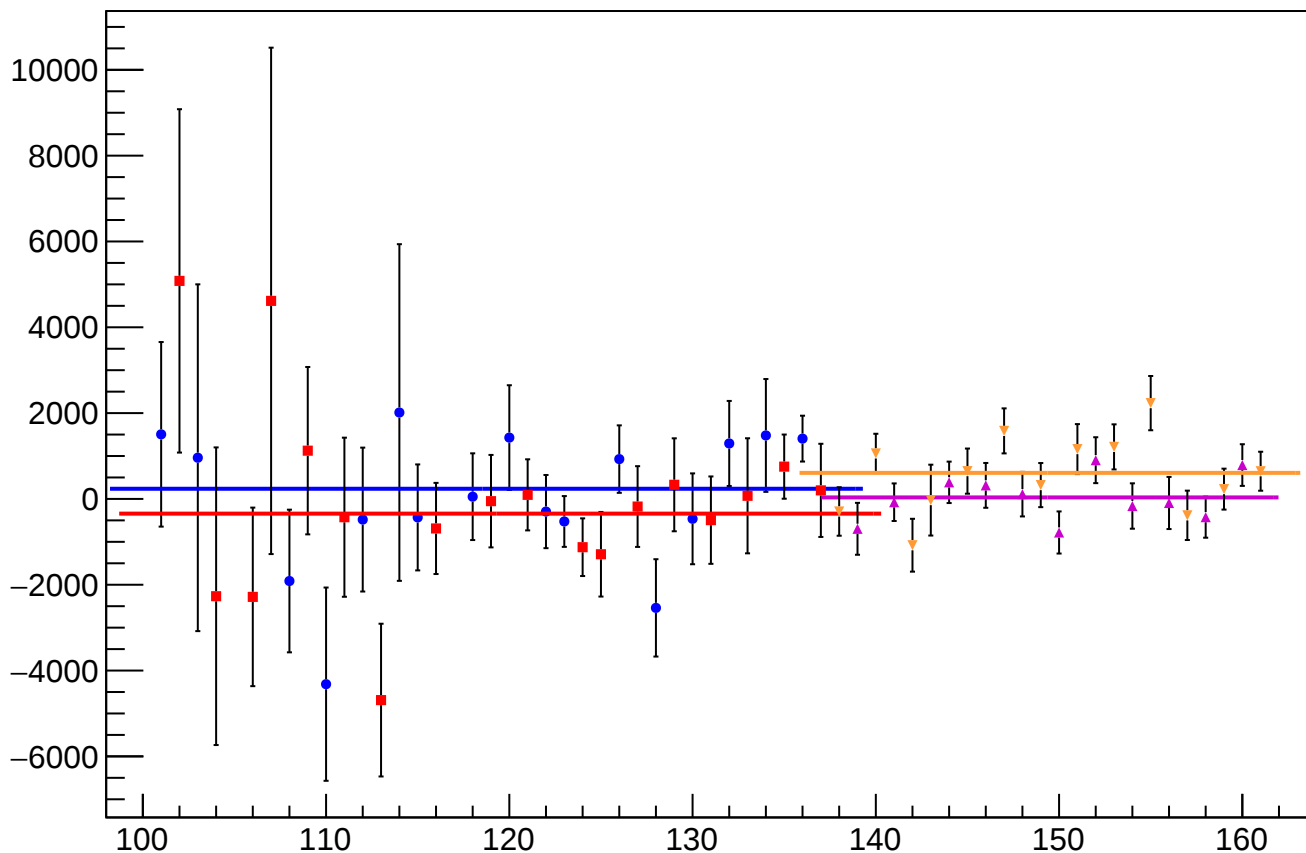
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1895.129+/-0.342 χ^2/NDF :637127.2/27

Out: 1913.644+/-0.333 χ^2/NDF :355119.7/30

All: 1904.635+/-0.238 χ^2/NDF : 993753.5/58

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 607.471 $\pm$ 150.137 χ^2 /NDF:27.8/12

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

Left In: 34.962 $\pm$ 154.016 χ^2 /NDF:11.3/10

Left: 328.517 $\pm$ 107.508 χ^2 /NDF: 46.2/23

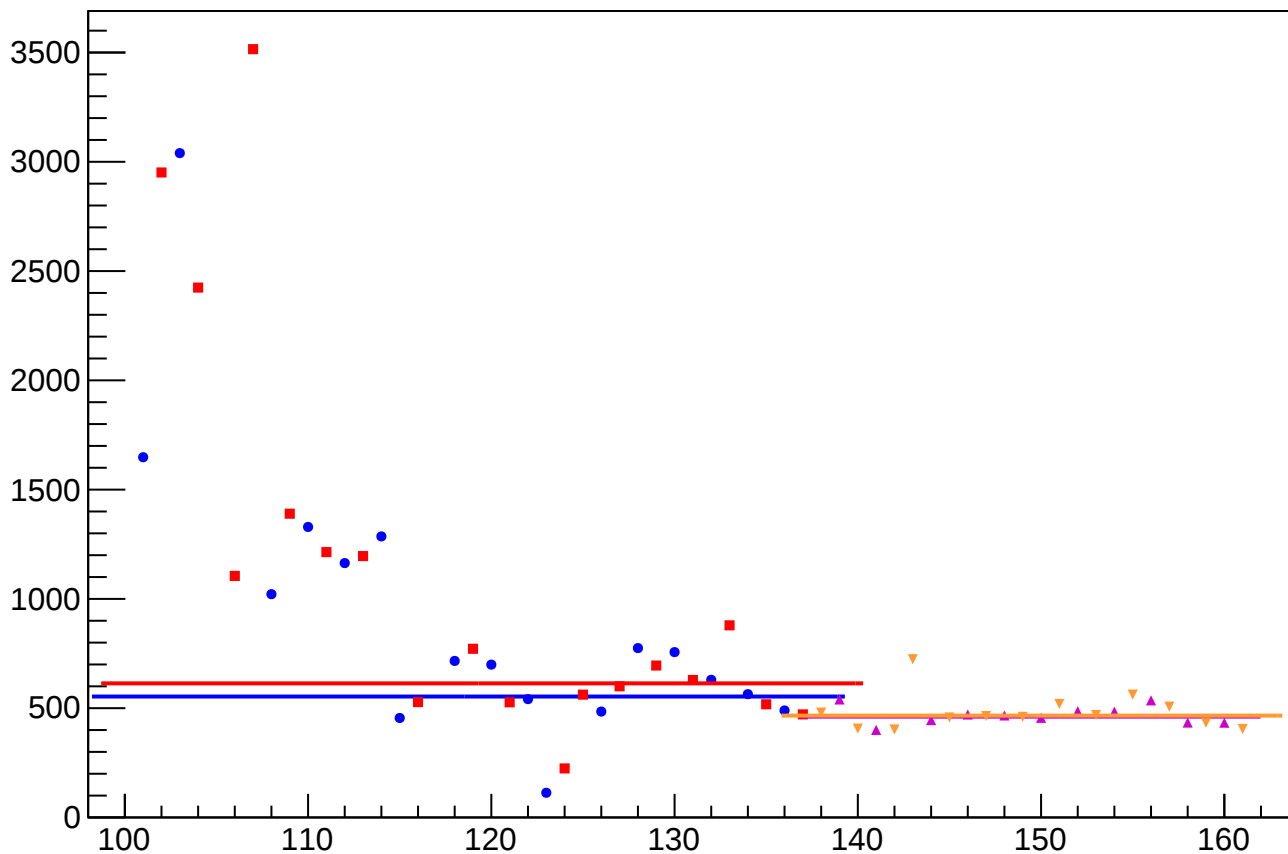
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 90.961 $\pm$ 130.927 χ^2 /NDF:35.6/27

Out: 381.225 $\pm$ 131.051 χ^2 /NDF:53.3/30

All: 235.955 $\pm$ 92.623 χ^2 /NDF: 91.4/58

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 466.076+/-0.106 χ^2/NDF : 370613.6/12

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

Left In: 461.267+/-0.109 χ^2/NDF : 126461.9/10

Left: 463.733+/-0.076 χ^2/NDF : 498075.3/23

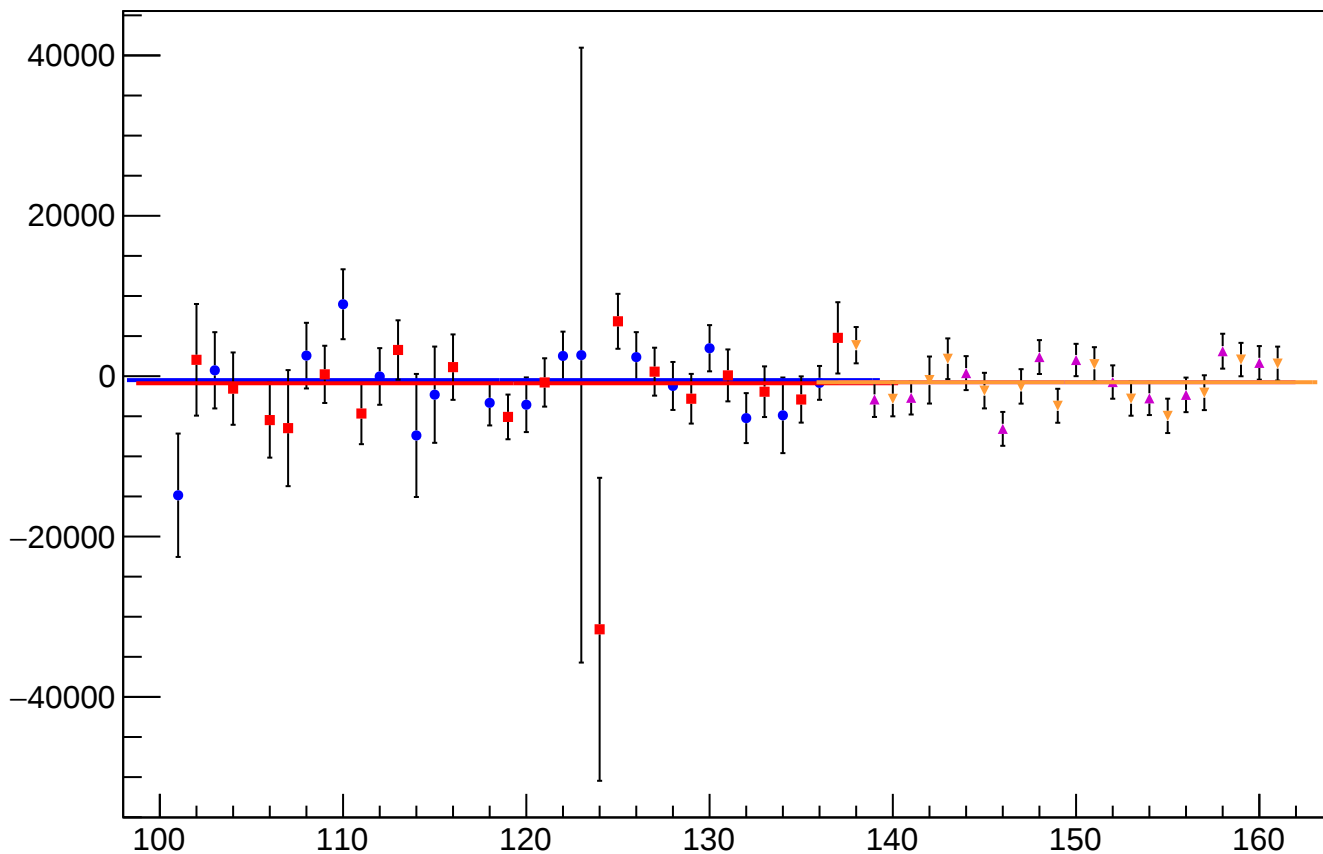
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 486.787+/-0.093 χ^2/NDF : 3737195.8/27

Out: 501.194+/-0.093 χ^2/NDF : 4306586.7/30

All: 493.984+/-0.065 χ^2/NDF : 8055878.6/58

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -755.791+/-614.903 χ^2 /NDF:17.9/12

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

Left In: -750.835+/-636.068 χ^2 /NDF:19.7/10

Left: -753.397+/-442.095 χ^2 /NDF: 37.6/23

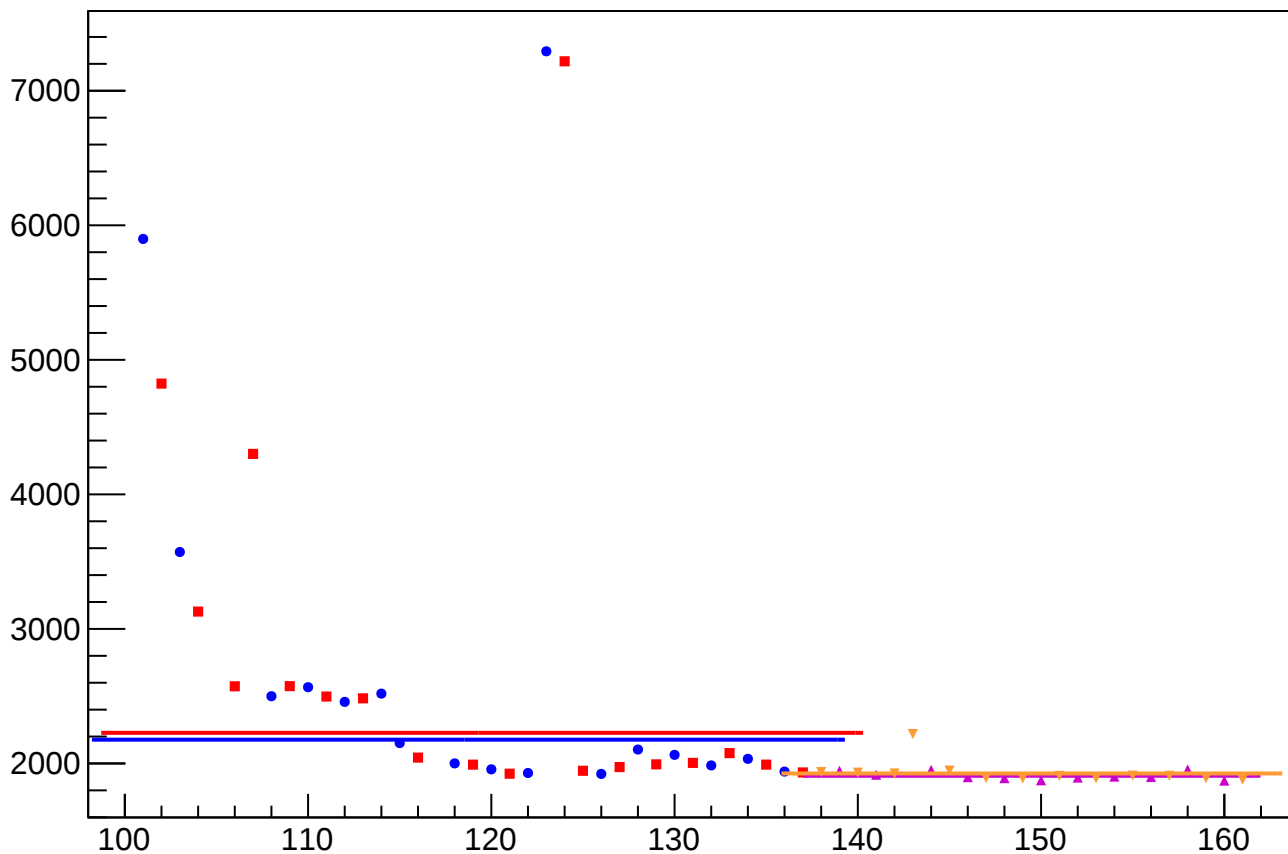
Right: -688.036+/-614.167 χ^2 /NDF: 35.9/34

In: -660.381+/-513.057 χ^2 /NDF:38.4/27

Out: -798.776+/-501.977 χ^2 /NDF:35.2/30

All: -731.089+/-358.804 χ^2 /NDF: 73.6/58

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1925.628 $\pm$ 0.435 χ^2 /NDF: 30414.1/12

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

Left In: 1908.617 $\pm$ 0.450 χ^2 /NDF: 3850.3/10

Left: 1917.410 $\pm$ 0.313 χ^2 /NDF: 35003.8/23

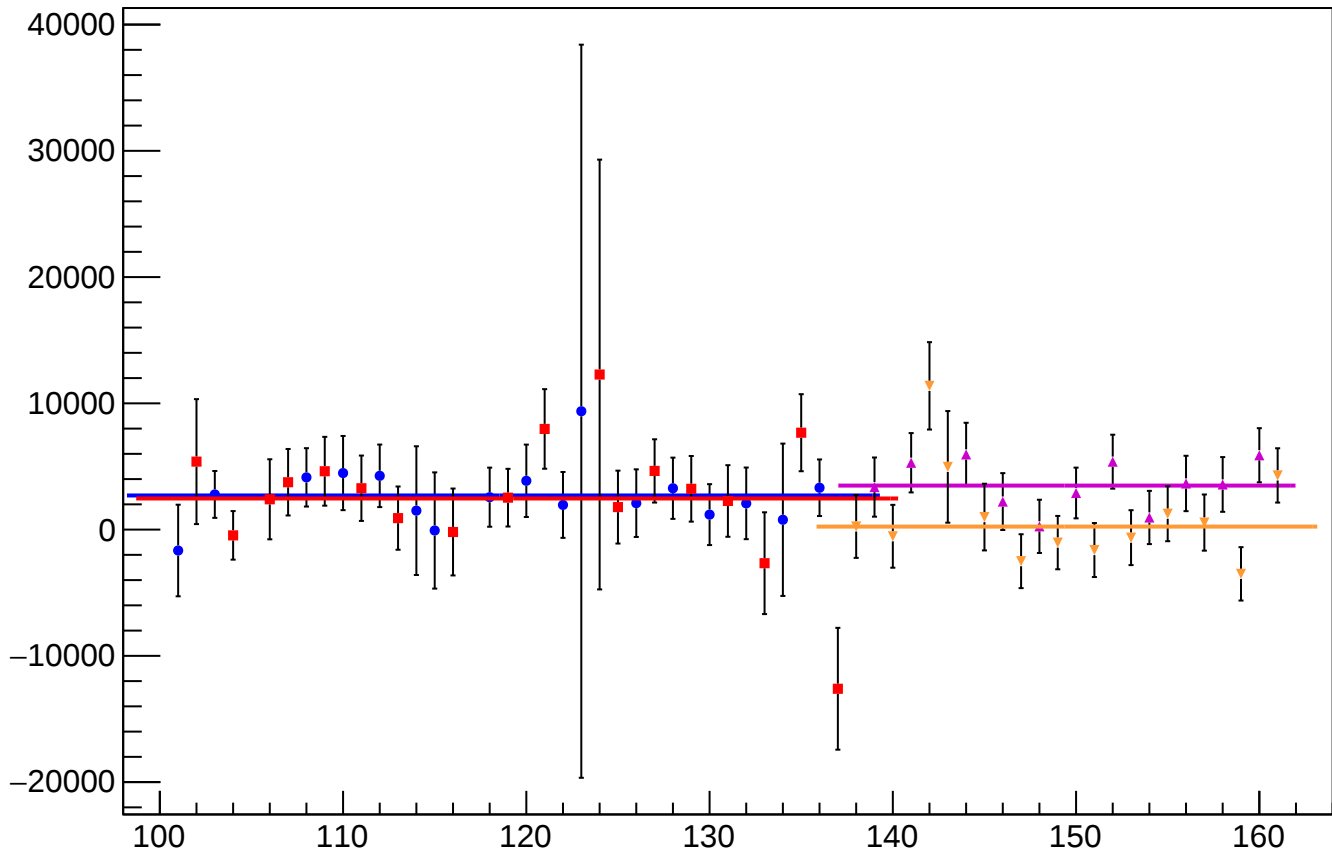
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2002.297 $\pm$ 0.363 χ^2 /NDF: 930697.9/27

Out: 2026.386 $\pm$ 0.355 χ^2 /NDF: 1017067.6/30

All: 2014.605 $\pm$ 0.254 χ^2 /NDF: 1950018.2/58

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508+/-673.898 χ^2/NDF : 4.0/16

Left Out: 238.162+/-655.530 χ^2/NDF : 21.6/12

Right Out: 2464.583+/-683.276 χ^2/NDF : 23.2/17

Left In: 3486.308+/-663.019 χ^2/NDF : 7.8/10

Left: 1843.785+/-466.155 χ^2/NDF : 41.5/23

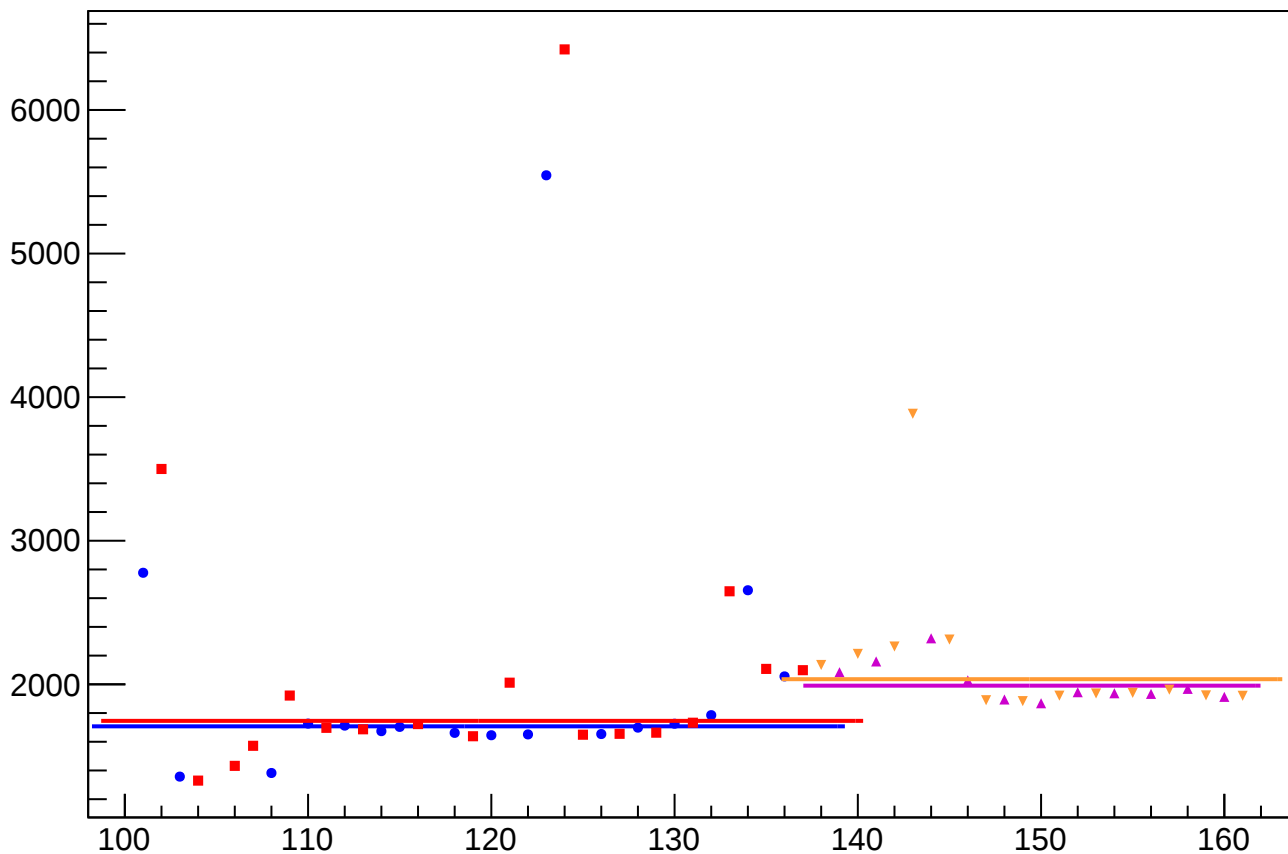
Right: 2585.697+/-479.799 χ^2/NDF : 27.3/34

In: 3101.277+/-472.625 χ^2/NDF : 12.5/27

Out: 1305.250+/-473.035 χ^2/NDF : 50.3/30

All: 2204.042+/-334.341 χ^2/NDF : 70.0/58

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2035.749 ± 0.464 $\chi^2/\text{NDF}: 440693.5/12$

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

Left In: 1990.713 ± 0.469 $\chi^2/\text{NDF}: 66691.6/10$

Left: 2013.487 ± 0.330 $\chi^2/\text{NDF}: 512051.5/23$

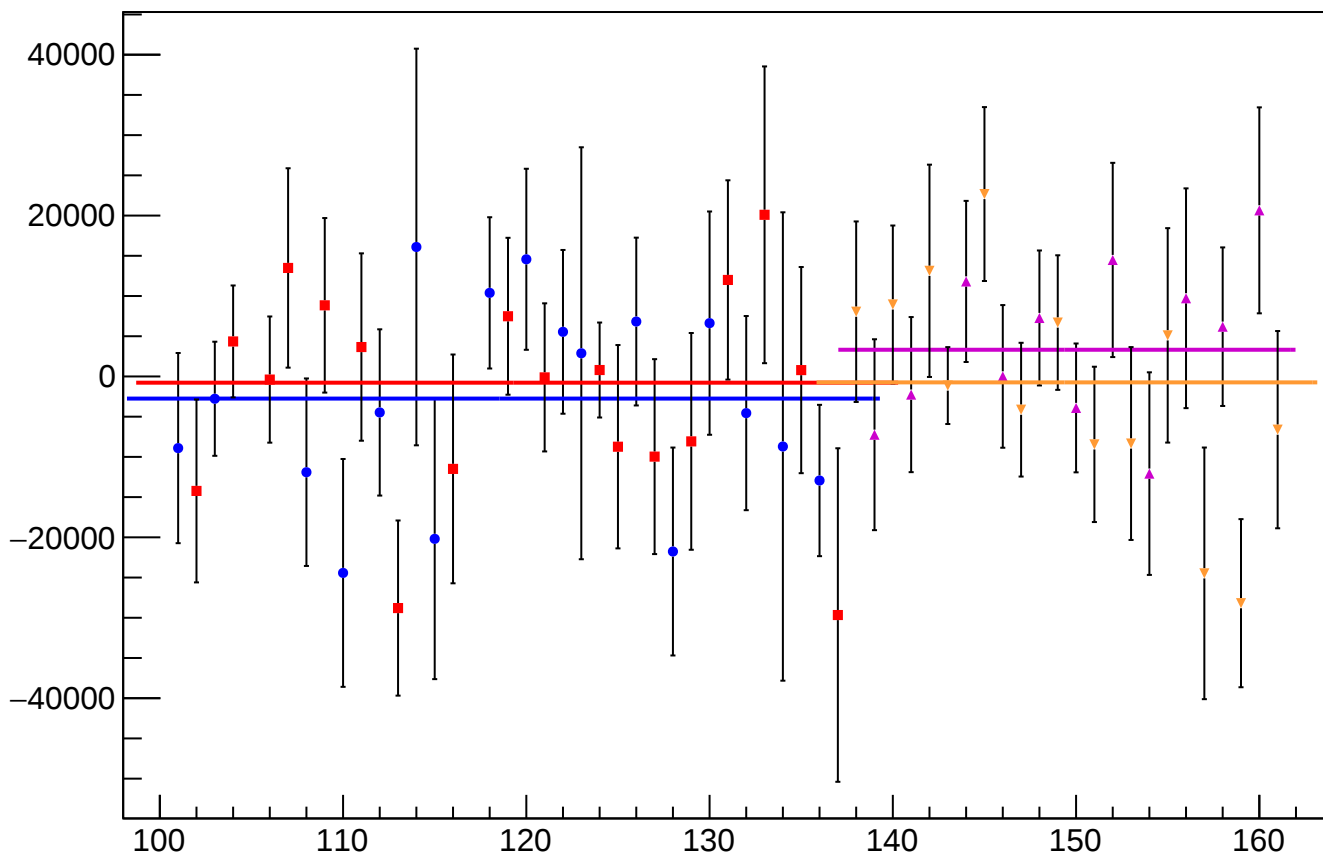
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1851.355 ± 0.334 $\chi^2/\text{NDF}: 668495.8/27$

Out: 1896.622 ± 0.334 $\chi^2/\text{NDF}: 1327845.7/30$

All: 1873.972 ± 0.236 $\chi^2/\text{NDF}: 2005508.3/58$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -736.829+/-2596.251 χ^2/NDF : 19.0/12

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

Left In: 3319.312+/-3082.200 χ^2/NDF : 7.5/10

Left: 946.649+/-1985.675 χ^2/NDF : 27.5/23

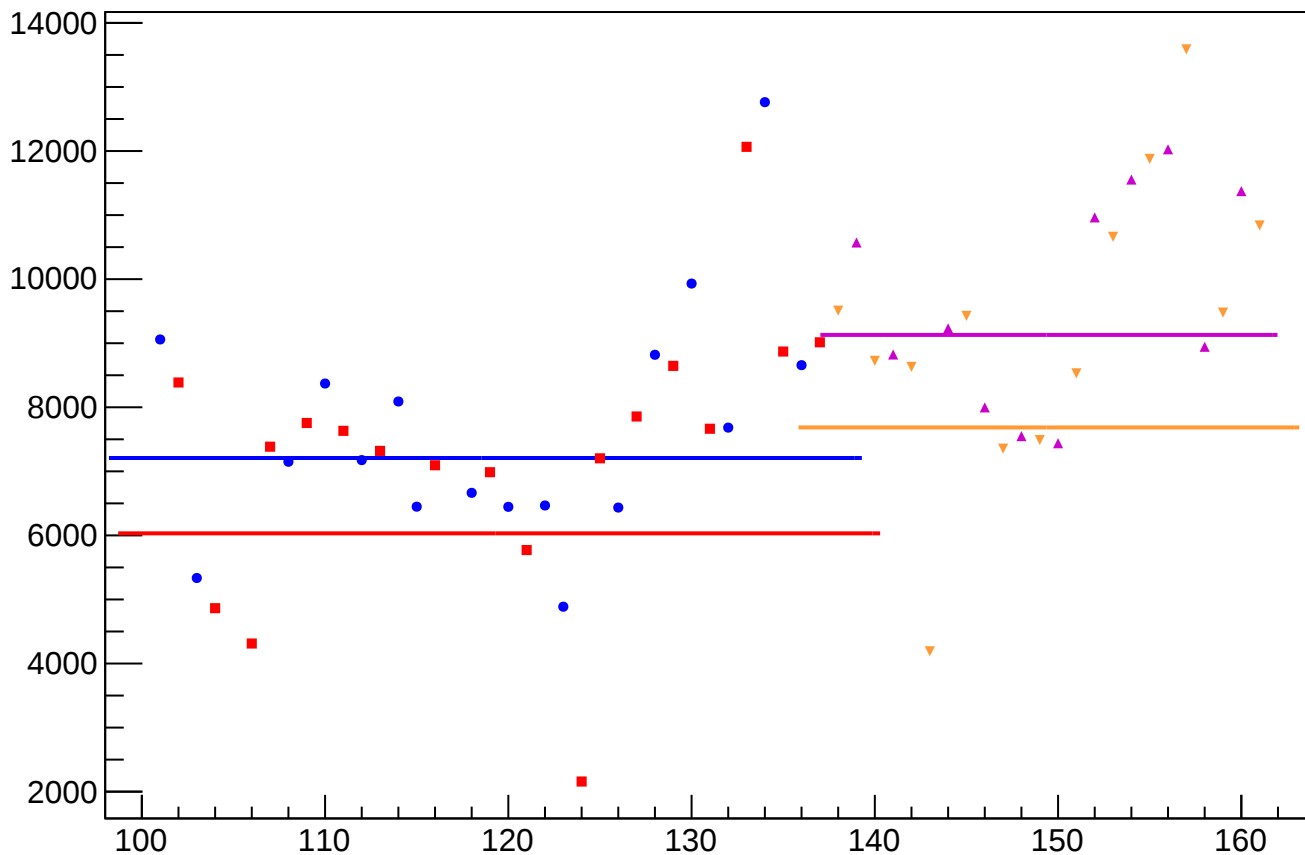
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: 39.008+/-2089.520 χ^2/NDF : 24.2/27

Out: -757.049+/-1778.319 χ^2/NDF : 36.8/30

All: -422.659+/-1354.259 χ^2/NDF : 61.0/58

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7684.972 $\pm$ 1.836 χ^2 /NDF: 2022691.3/12

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

Left In: 9129.544 $\pm$ 2.179 χ^2 /NDF: 496917.7/10

Left: 8284.534 $\pm$ 1.404 χ^2 /NDF: 2776595.1/23

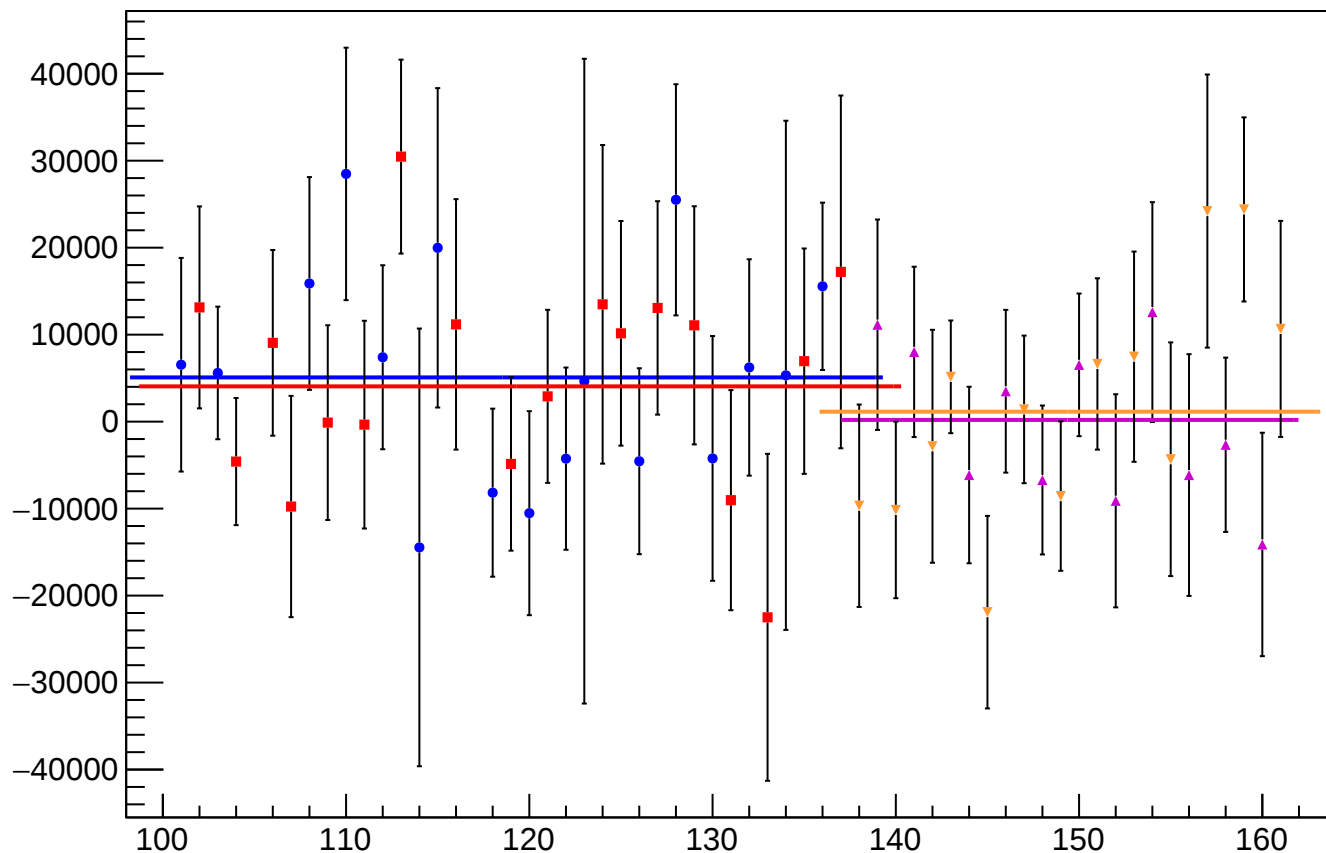
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8091.311 $\pm$ 1.478 χ^2 /NDF: 1410596.3/27

Out: 6807.620 $\pm$ 1.257 χ^2 /NDF: 4250509.1/30

All: 7346.846 $\pm$ 0.958 χ^2 /NDF: 6098871.4/58

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1143.895 $\pm$ 2836.693 χ^2/NDF : 16.5/12

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

Left In: 197.250 $\pm$ 3145.732 χ^2/NDF : 6.3/10

Left: 719.344 $\pm$ 2106.654 χ^2/NDF : 22.8/23

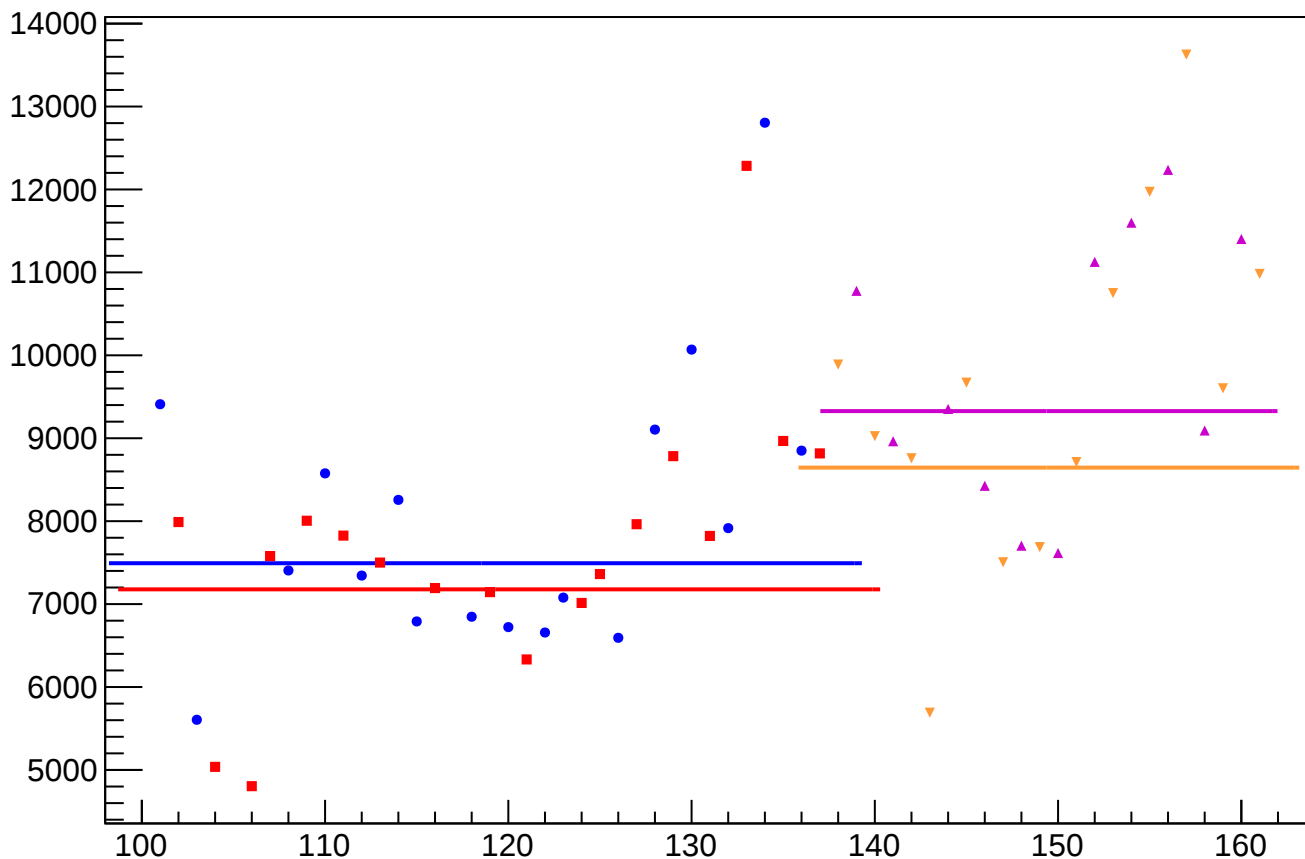
Right: 4542.385 $\pm$ 2032.595 χ^2/NDF : 29.2/34

In: 2793.386 $\pm$ 2153.869 χ^2/NDF : 21.5/27

Out: 2618.656 $\pm$ 1992.773 χ^2/NDF : 32.2/30

All: 2699.243 $\pm$ 1462.743 χ^2/NDF : 53.8/58

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8645.811+/-2.006 χ^2/NDF : 991798.0/12

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

Left In: 9327.298+/-2.224 χ^2/NDF : 457803.7/10

Left: 8951.444+/-1.490 χ^2/NDF : 1501369.9/23

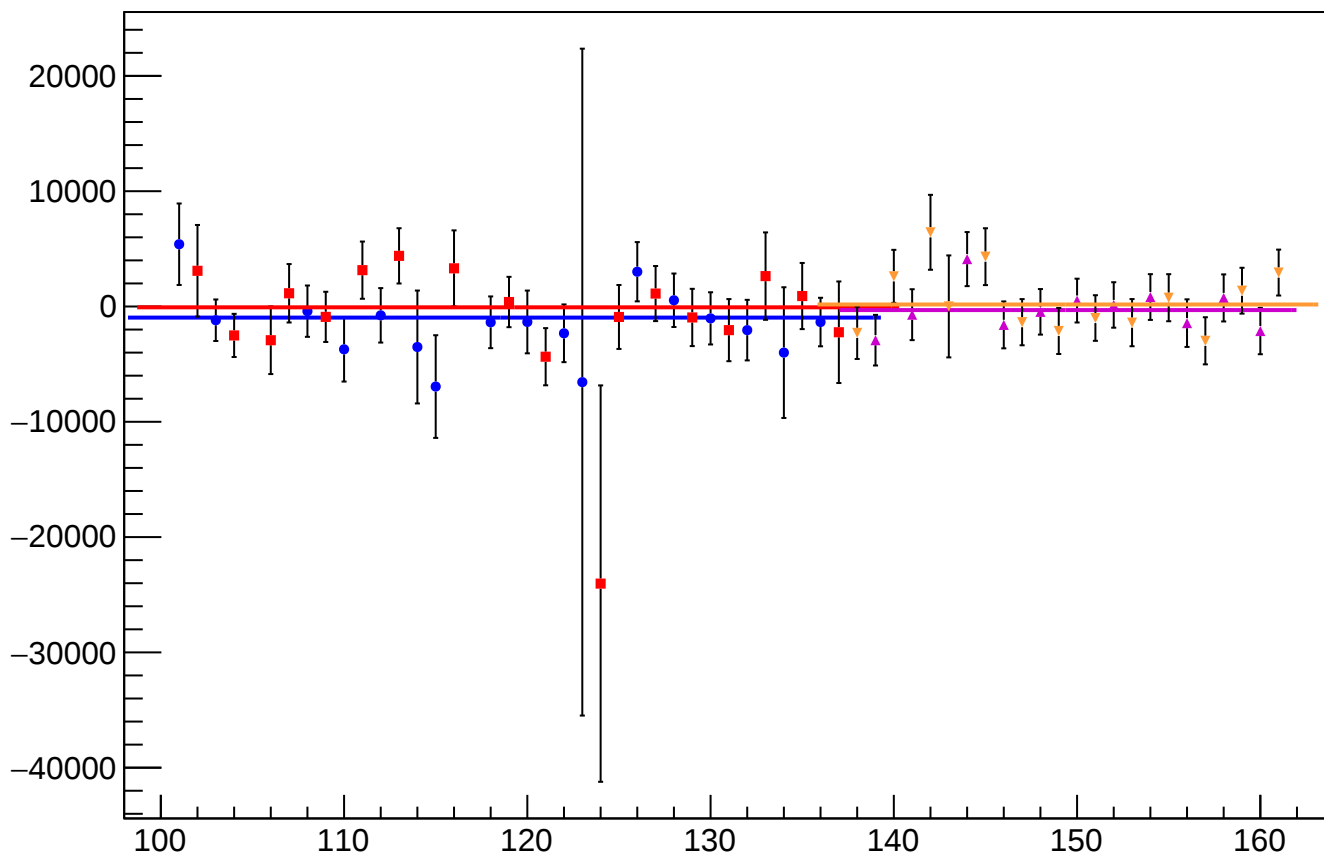
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8352.866+/-1.523 χ^2/NDF : 1256154.0/27

Out: 7902.180+/-1.409 χ^2/NDF : 1819024.4/30

All: 8110.029+/-1.034 χ^2/NDF : 3122362.3/58

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 173.979 $\pm$ 611.529 χ^2 /NDF:16.5/12

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

Left In: -311.076 $\pm$ 619.843 χ^2 /NDF:7.4/10

Left: -65.273 $\pm$ 435.326 χ^2 /NDF: 24.1/23

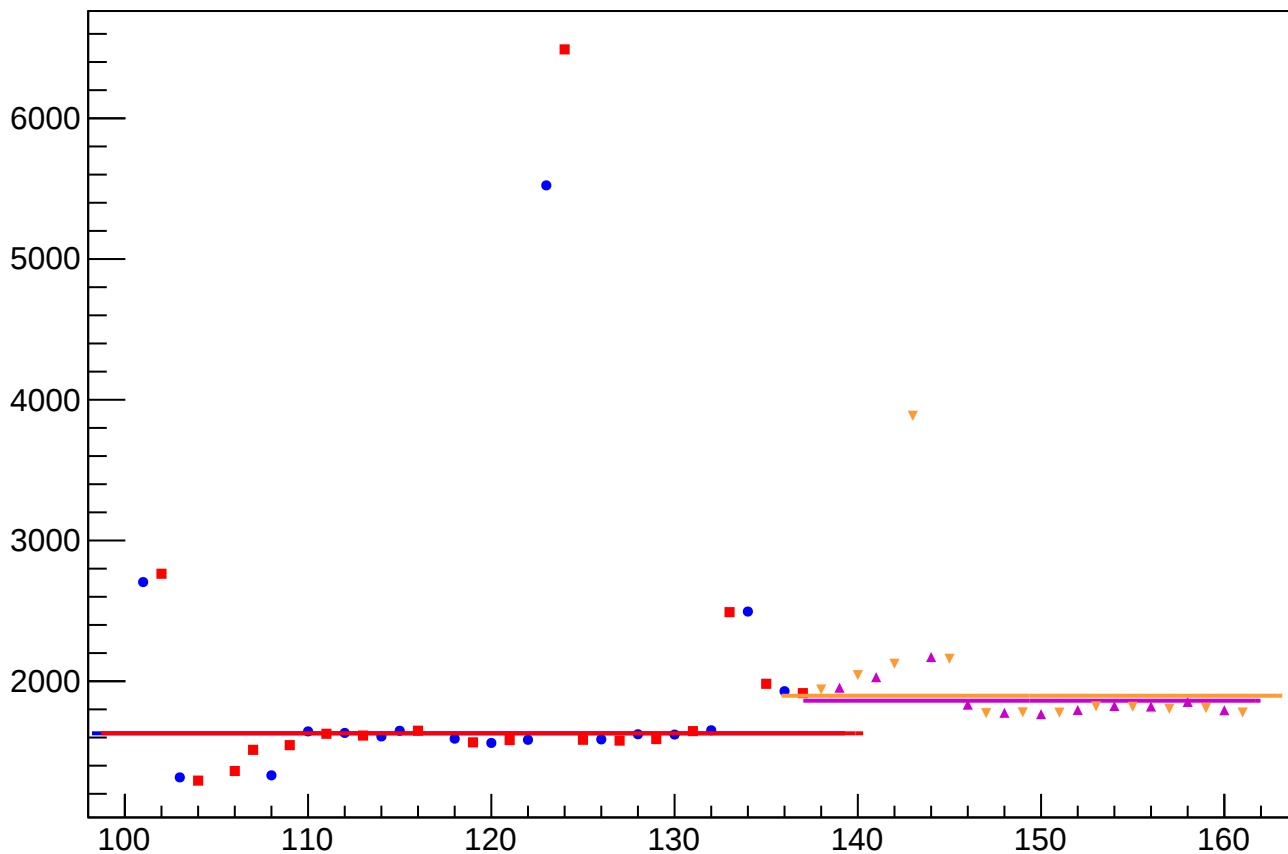
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -624.854 $\pm$ 446.266 χ^2 /NDF:18.0/27

Out: 55.835 $\pm$ 440.288 χ^2 /NDF:33.3/30

All: -279.921 $\pm$ 313.423 χ^2 /NDF: 52.4/58

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1896.920 ± 0.432 χ^2/NDF : 488881.9/12

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

Left In: 1861.528 ± 0.438 χ^2/NDF : 65378.1/10

Left: 1879.463 ± 0.308 χ^2/NDF : 557564.3/23

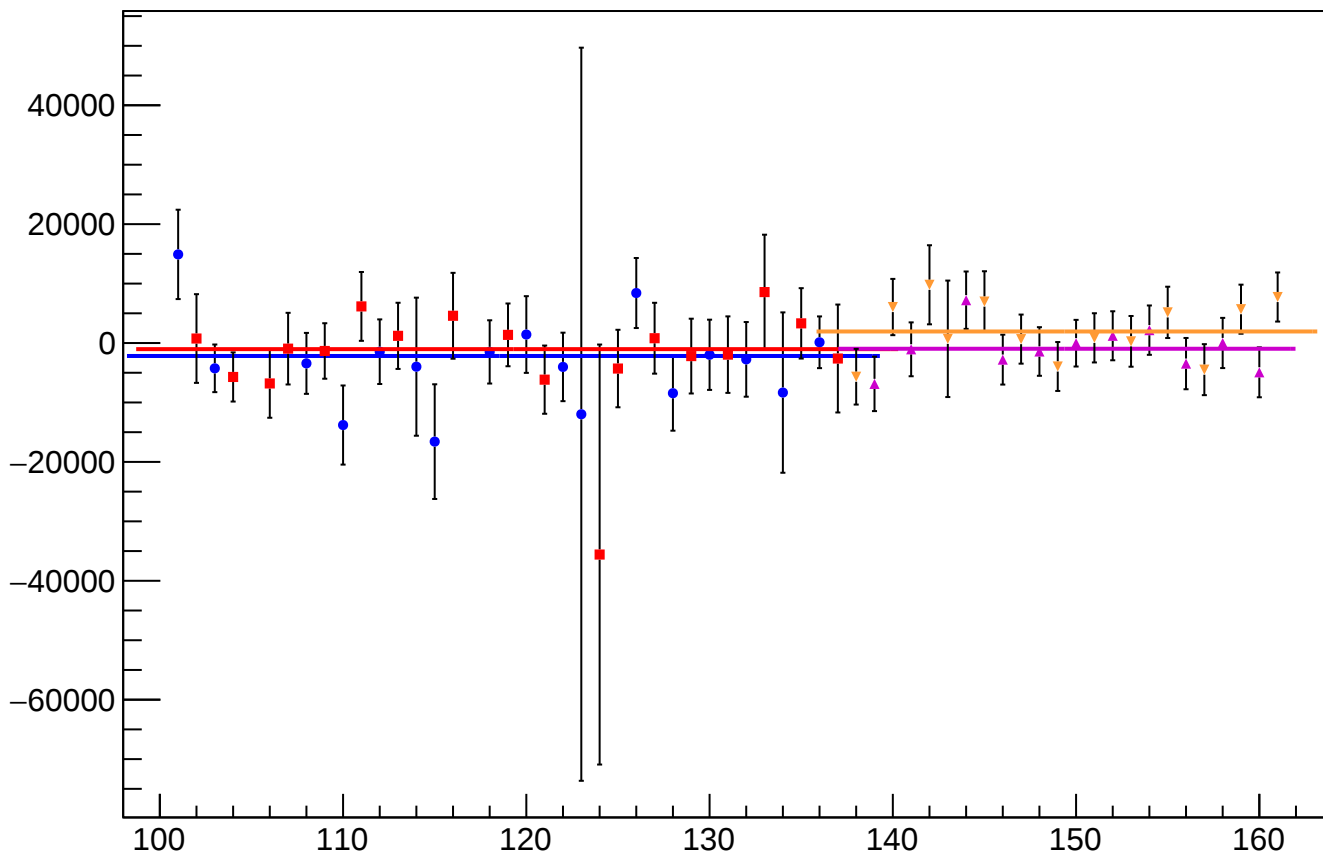
Right: 1629.948 ± 0.319 χ^2/NDF : 965609.1/34

In: 1749.990 ± 0.316 χ^2/NDF : 607984.6/27

Out: 1768.335 ± 0.311 χ^2/NDF : 1229935.6/30

All: 1759.286 ± 0.222 χ^2/NDF : 1839632.8/58

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1944.257+/-1271.985 χ^2/NDF : 13.7/12

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

Left In: -964.037+/-1286.453 χ^2/NDF : 6.9/10

Left: 506.557+/-904.501 χ^2/NDF : 23.2/23

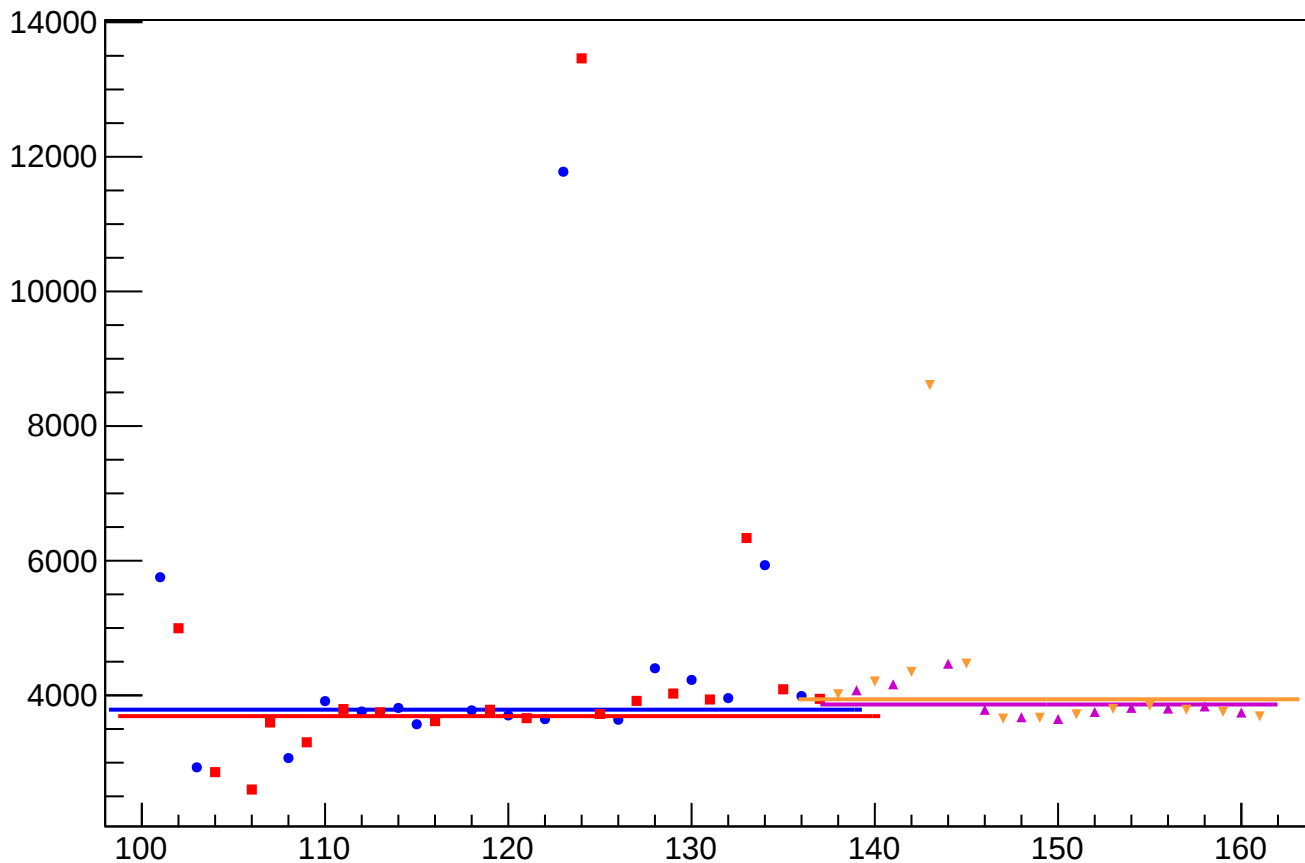
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1481.822+/-974.578 χ^2/NDF : 23.3/27

Out: 644.372+/-953.999 χ^2/NDF : 24.7/30

All: -396.039+/-681.739 χ^2/NDF : 50.4/58

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3941.427+/-0.899 χ^2/NDF : 531615.2/12

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

Left In: 3864.239+/-0.910 χ^2/NDF : 59358.2/10

Left: 3903.270+/-0.640 χ^2/NDF : 594614.1/23

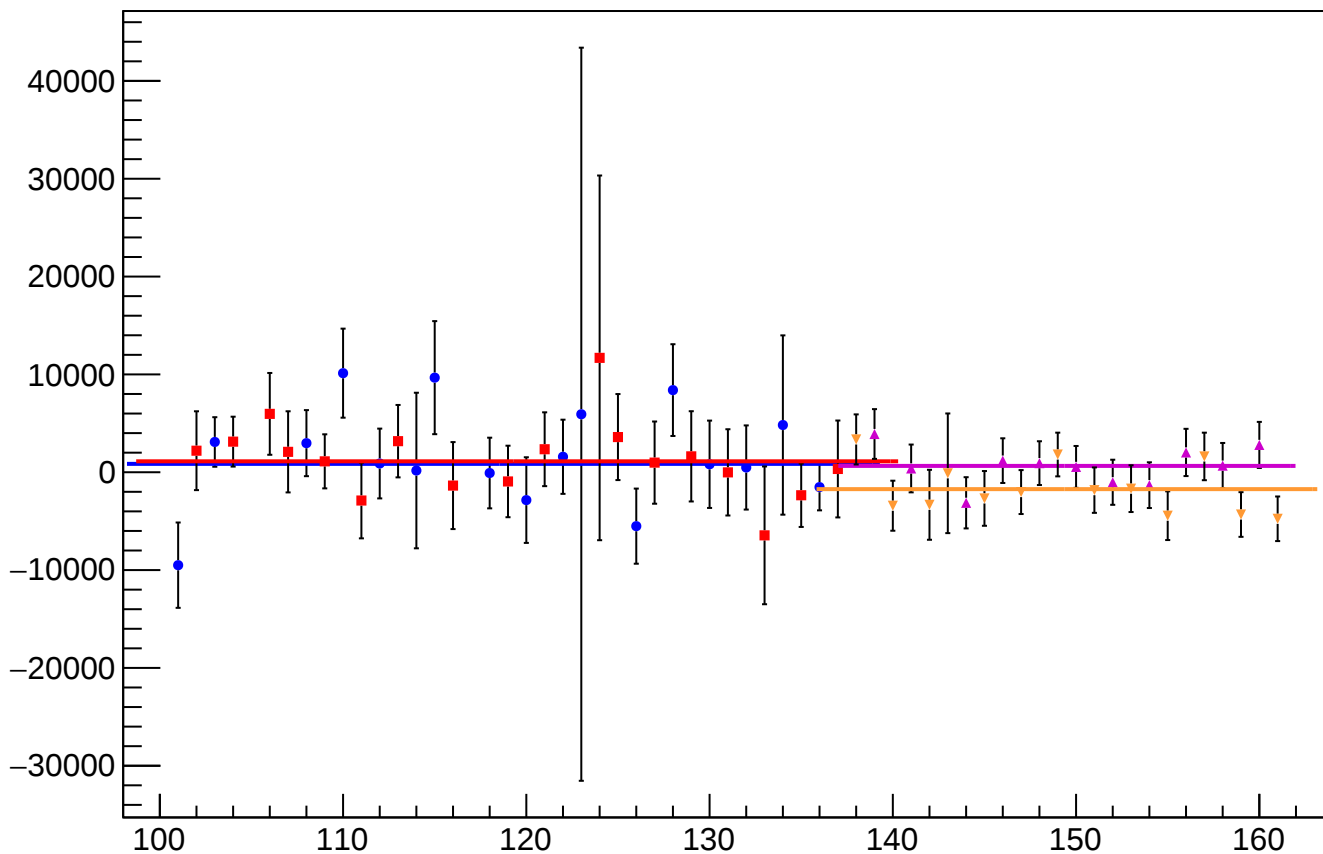
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3831.457+/-0.689 χ^2/NDF : 455057.0/27

Out: 3831.973+/-0.675 χ^2/NDF : 1120622.0/30

All: 3831.721+/-0.482 χ^2/NDF : 1575679.3/58

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1726.384 ± 704.788 χ^2/NDF : 13.4/12

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

Left In: 648.116 ± 709.245 χ^2/NDF : 6.2/10

Left: -546.617 ± 499.929 χ^2/NDF : 25.3/23

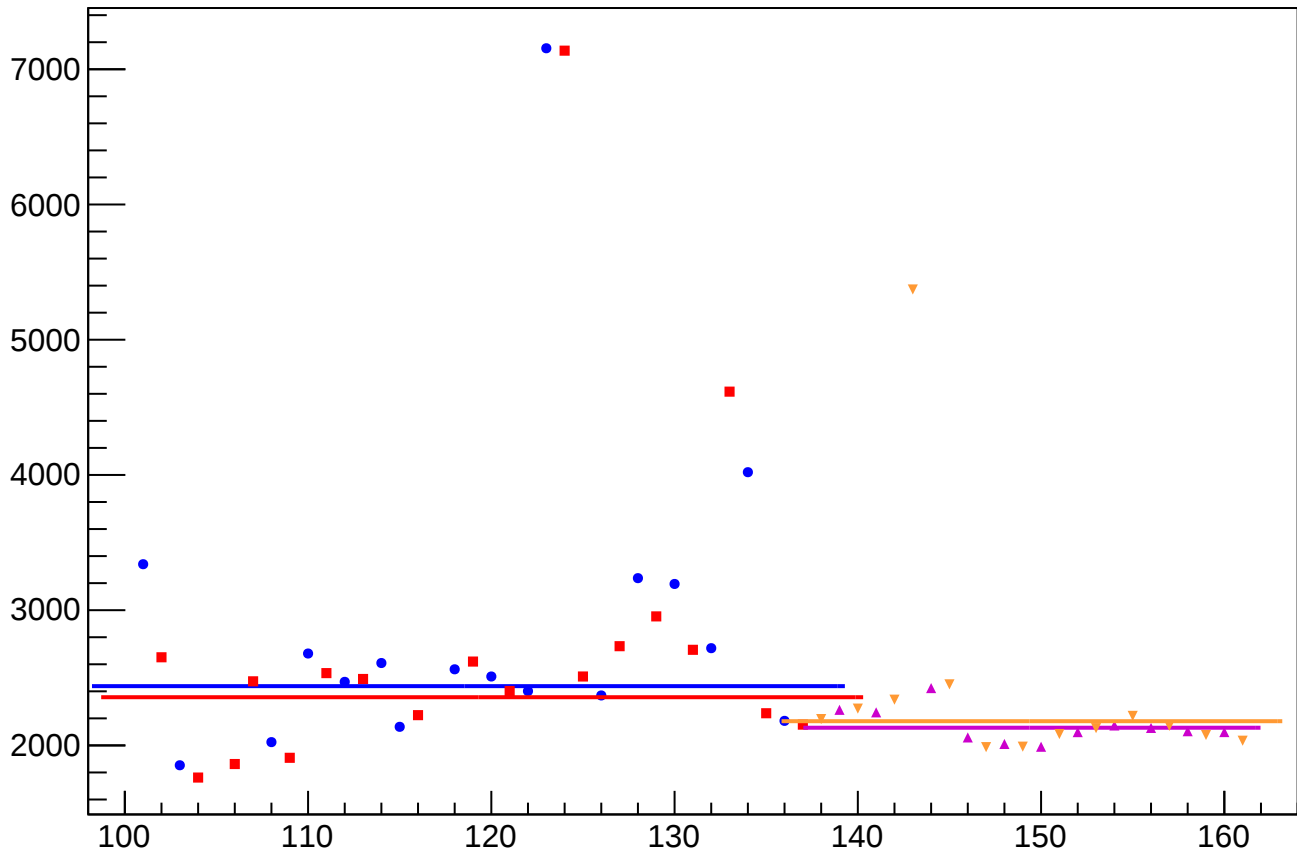
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 721.117 ± 571.439 χ^2/NDF : 26.9/27

Out: -684.920 ± 561.091 χ^2/NDF : 26.7/30

All: 5.252 ± 400.360 χ^2/NDF : 56.6/58

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2179.068+/-0.498 χ^2/NDF : 616718.1/12

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

Left In: 2130.791+/-0.502 χ^2/NDF : 52332.8/10

Left: 2155.081+/-0.354 χ^2/NDF : 673713.3/23

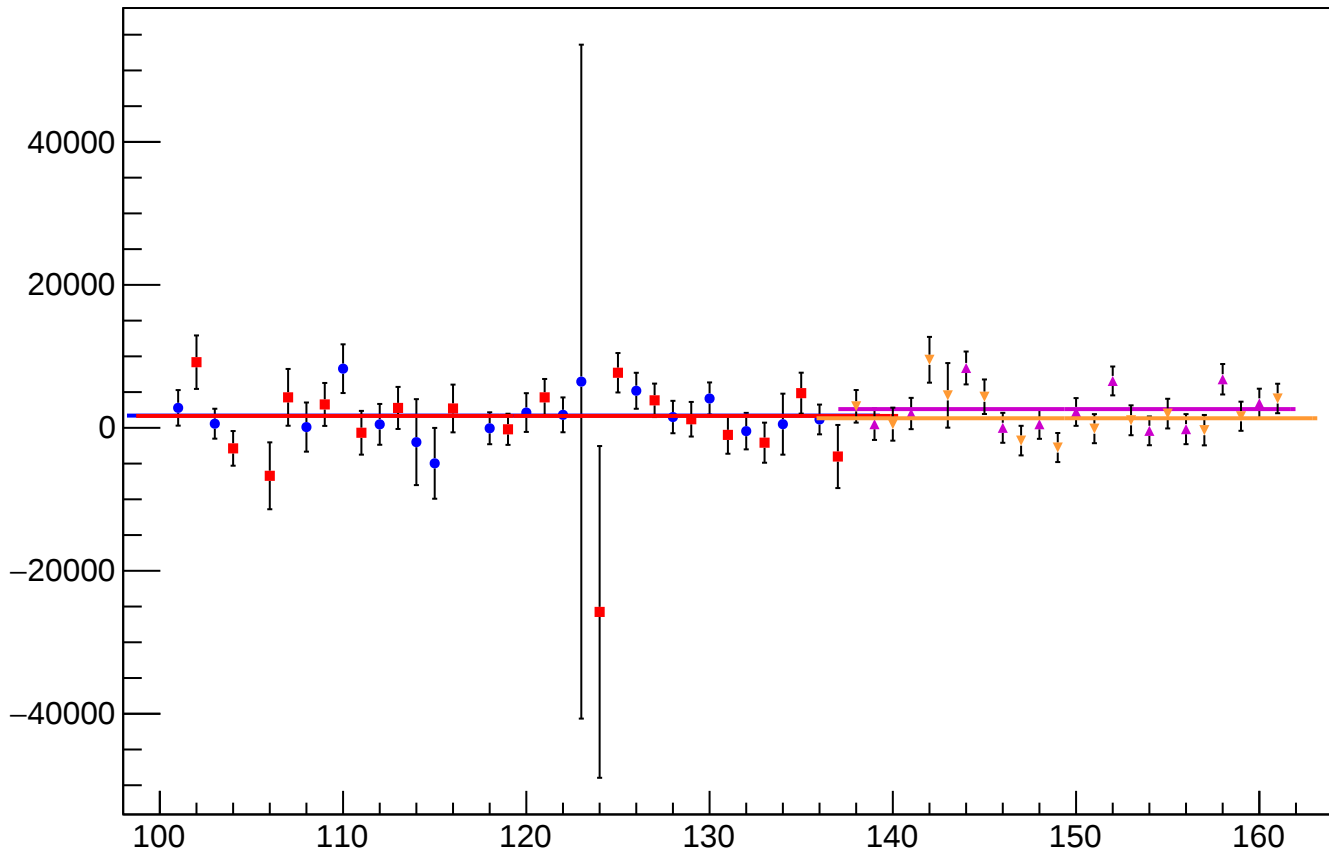
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2238.671+/-0.404 χ^2/NDF : 660943.2/27

Out: 2244.010+/-0.397 χ^2/NDF : 1292221.0/30

All: 2241.389+/-0.283 χ^2/NDF : 1953253.0/58

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1340.387 $\pm$ 623.474 χ^2/NDF : 18.6/12

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

Left In: 2621.993 $\pm$ 631.041 χ^2/NDF : 21.8/10

Left: 1973.460 $\pm$ 443.514 χ^2/NDF : 42.5/23

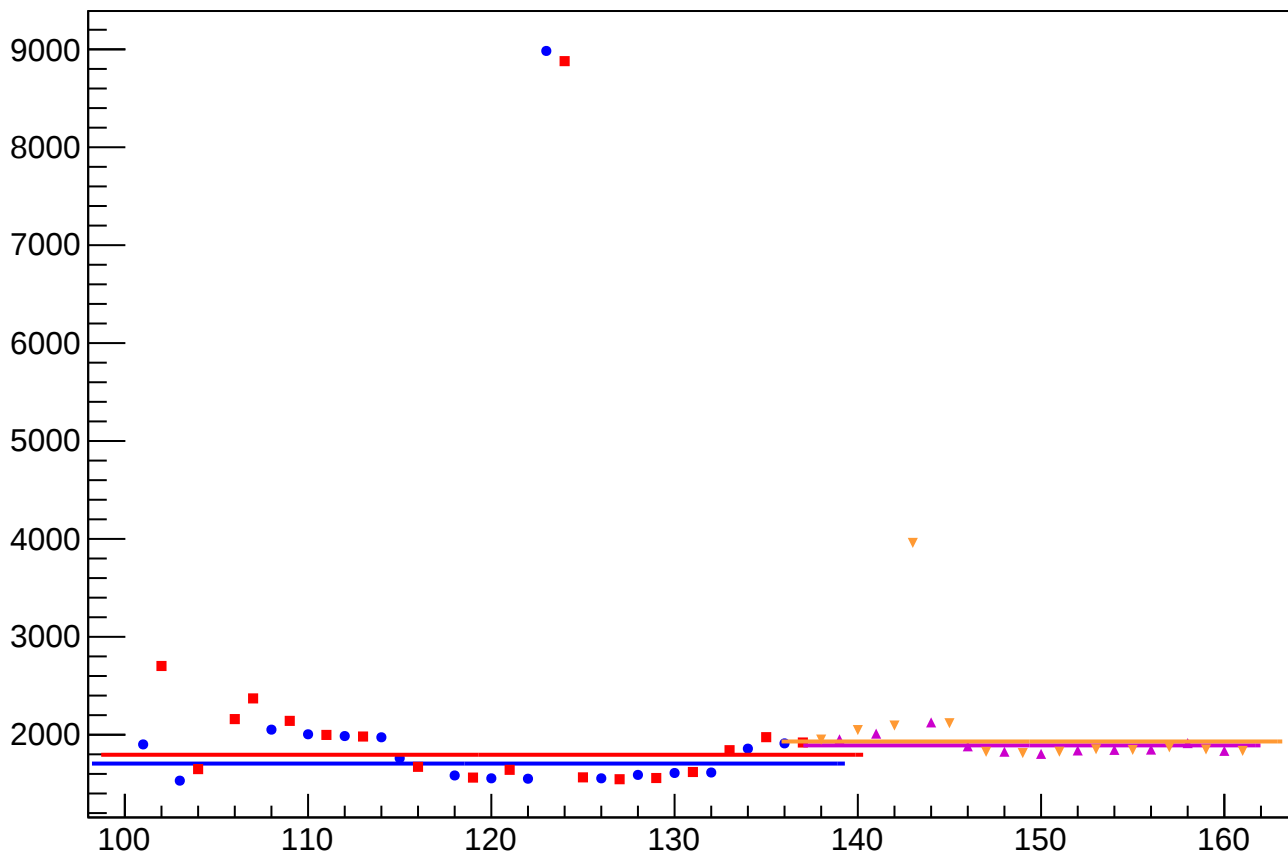
Right: 1689.956 $\pm$ 481.523 χ^2/NDF : 38.2/34

In: 2192.556 $\pm$ 458.447 χ^2/NDF : 34.1/27

Out: 1485.137 $\pm$ 464.305 χ^2/NDF : 45.6/30

All: 1843.337 $\pm$ 326.223 χ^2/NDF : 80.9/58

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.252+/-0.441 χ^2/NDF : 458131.3/12

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

Left In: 1891.399+/-0.446 χ^2/NDF : 39353.5/10

Left: 1911.566+/-0.314 χ^2/NDF : 501521.5/23

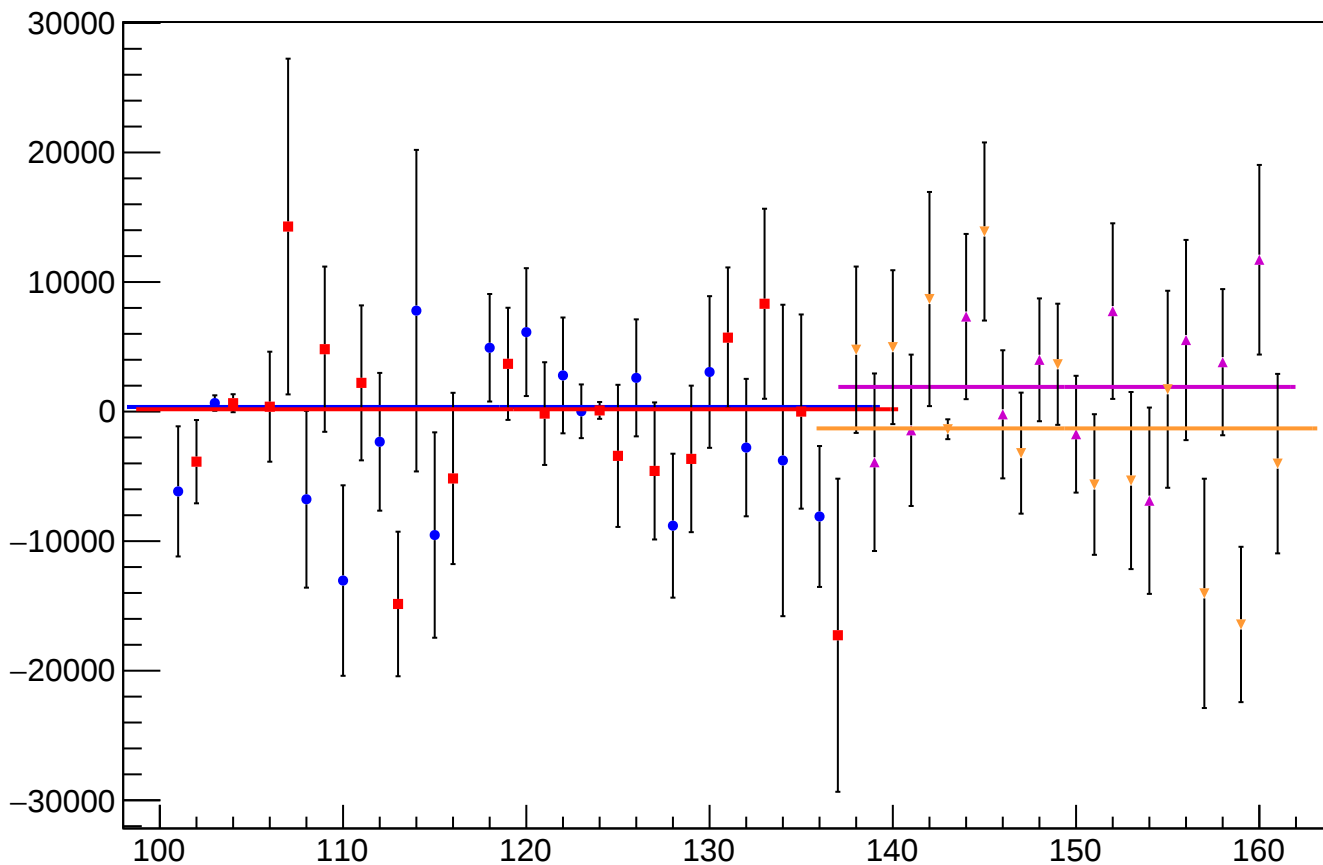
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1803.674+/-0.324 χ^2/NDF : 315378.0/27

Out: 1870.672+/-0.328 χ^2/NDF : 1019225.6/30

All: 1836.781+/-0.231 χ^2/NDF : 1355710.7/58

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1297.791 $\pm$ 703.973 χ^2/NDF : 19.4/12

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

Left In: 1903.983 $\pm$ 1773.956 χ^2/NDF : 7.2/10

Left: -862.176 $\pm$ 654.333 χ^2/NDF : 29.4/23

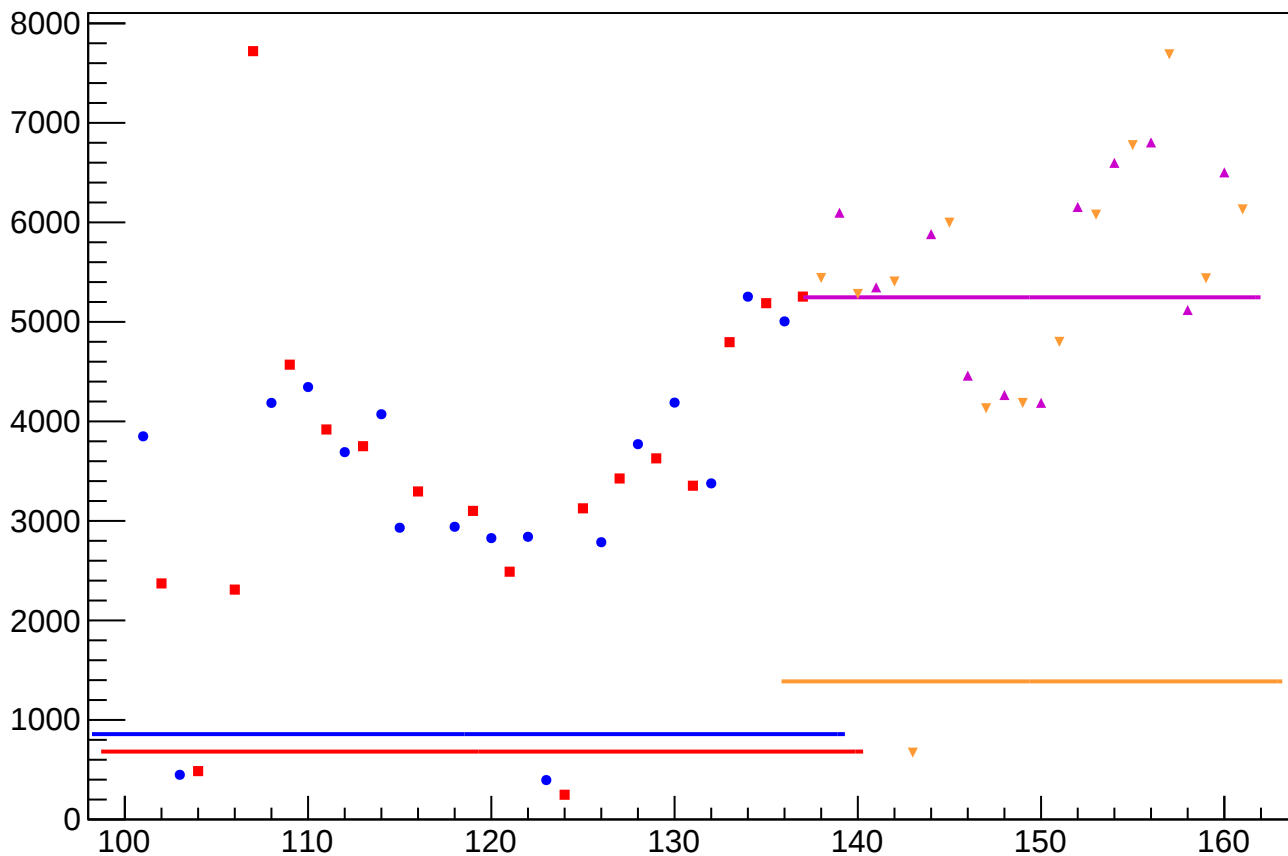
Right: 252.583 $\pm$ 342.551 χ^2/NDF : 36.1/34

In: 485.206 $\pm$ 510.641 χ^2/NDF : 25.4/27

Out: -245.196 $\pm$ 377.352 χ^2/NDF : 41.0/30

All: 12.787 $\pm$ 303.480 χ^2/NDF : 67.7/58

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1387.397 $\pm$ 0.498 χ^2 /NDF:11785514.7/12

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

Left In: 5247.131 $\pm$ 1.254 χ^2 /NDF:545868.1/10

Left: 1912.530 $\pm$ 0.463 χ^2 /NDF: 20511240.4/23

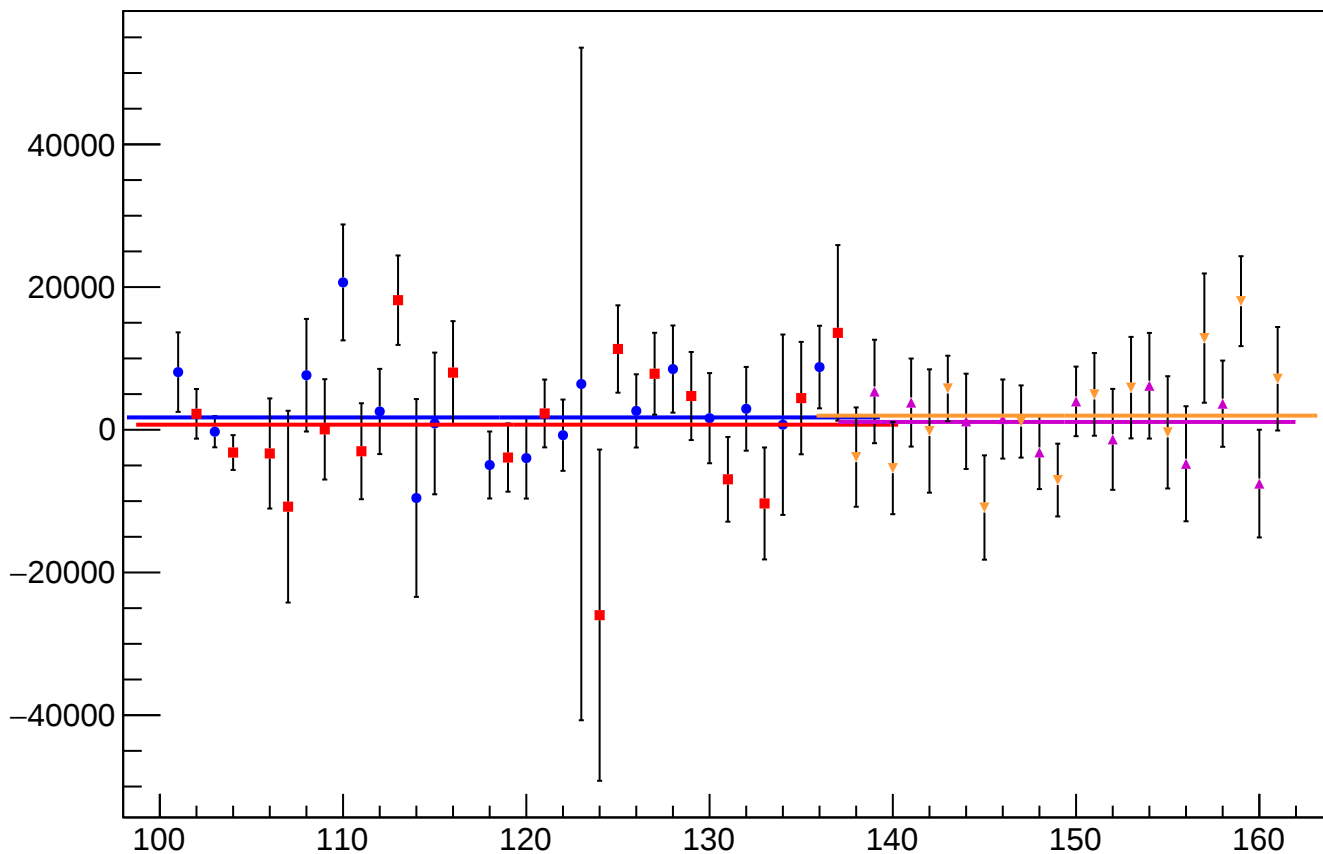
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1221.199 $\pm$ 0.361 χ^2 /NDF:19952731.2/27

Out: 884.763 $\pm$ 0.267 χ^2 /NDF:22594732.4/30

All: 1003.595 $\pm$ 0.215 χ^2 /NDF: 43108988.2/5

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1980.905+/-1757.061 χ^2/NDF : 18.1/12

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

Left In: 1097.093+/-1894.579 χ^2/NDF : 4.2/10

Left: 1572.236+/-1288.306 χ^2/NDF : 22.4/23

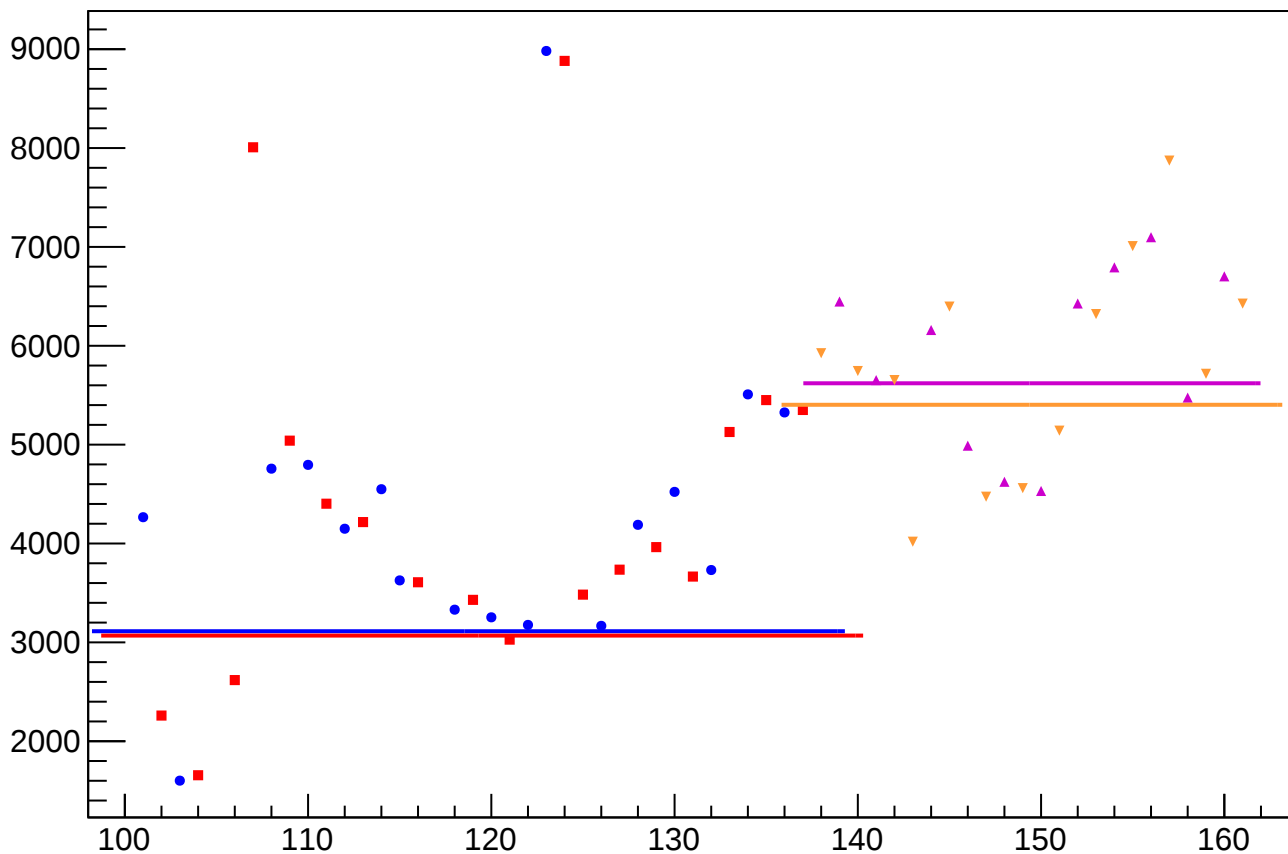
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1528.644+/-1074.498 χ^2/NDF : 19.2/27

Out: 1159.004+/-1040.208 χ^2/NDF : 43.6/30

All: 1337.832+/-747.367 χ^2/NDF : 62.8/58

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5403.155 $\pm$ 1.242 χ^2 /NDF: 674212.4/12

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

Left In: 5620.707 $\pm$ 1.340 χ^2 /NDF: 425325.3/10

Left: 5503.750 $\pm$ 0.911 χ^2 /NDF: 1113715.0/23

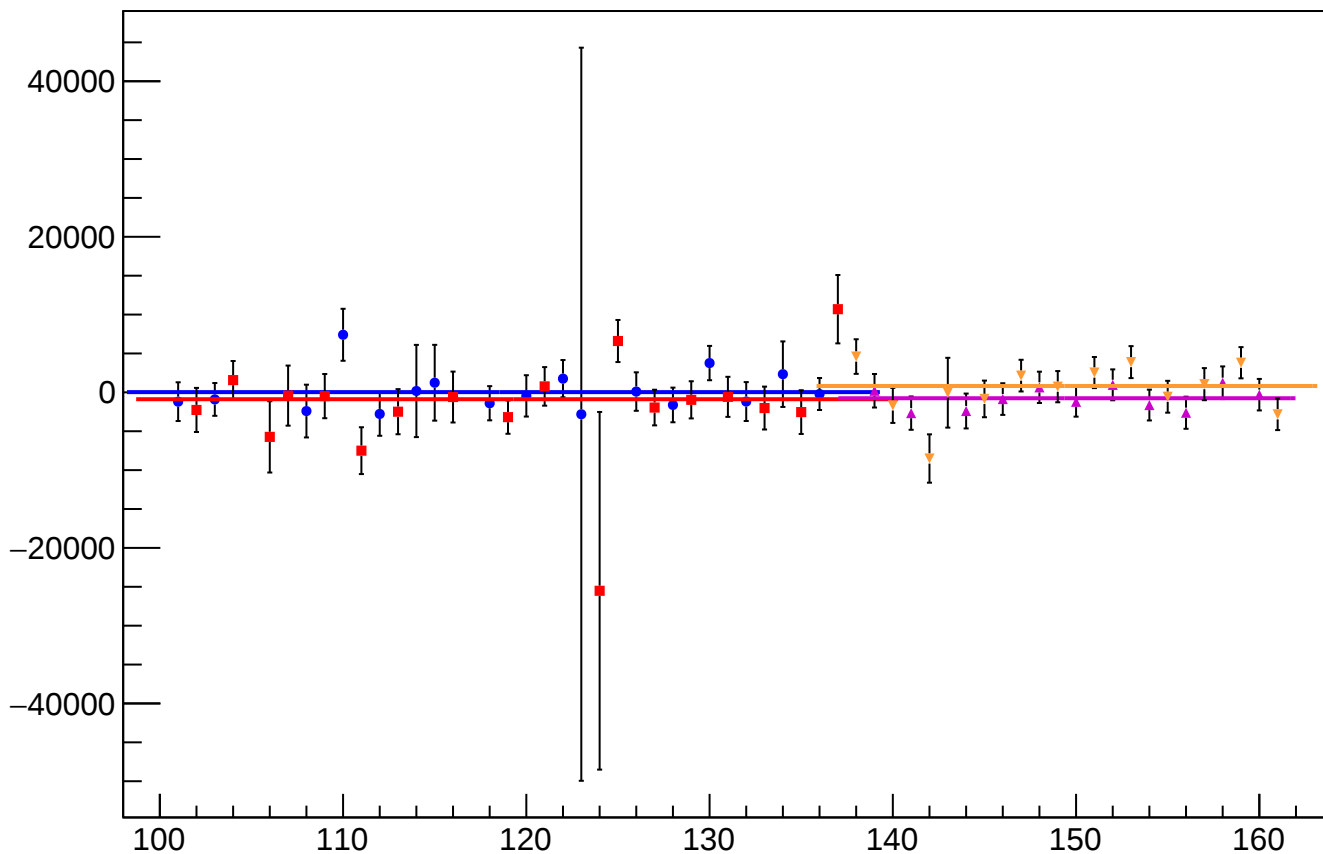
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 3919.390 $\pm$ 0.760 χ^2 /NDF: 4687338.7/27

Out: 3871.305 $\pm$ 0.729 χ^2 /NDF: 4992545.9/30

All: 3894.338 $\pm$ 0.526 χ^2 /NDF: 9681971.4/58

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 818.987+/-611.558 χ^2 /NDF:23.0/12

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

Left In: -757.768+/-619.310 χ^2 /NDF:4.8/10

Left: 40.539+/-435.152 χ^2 /NDF: 31.1/23

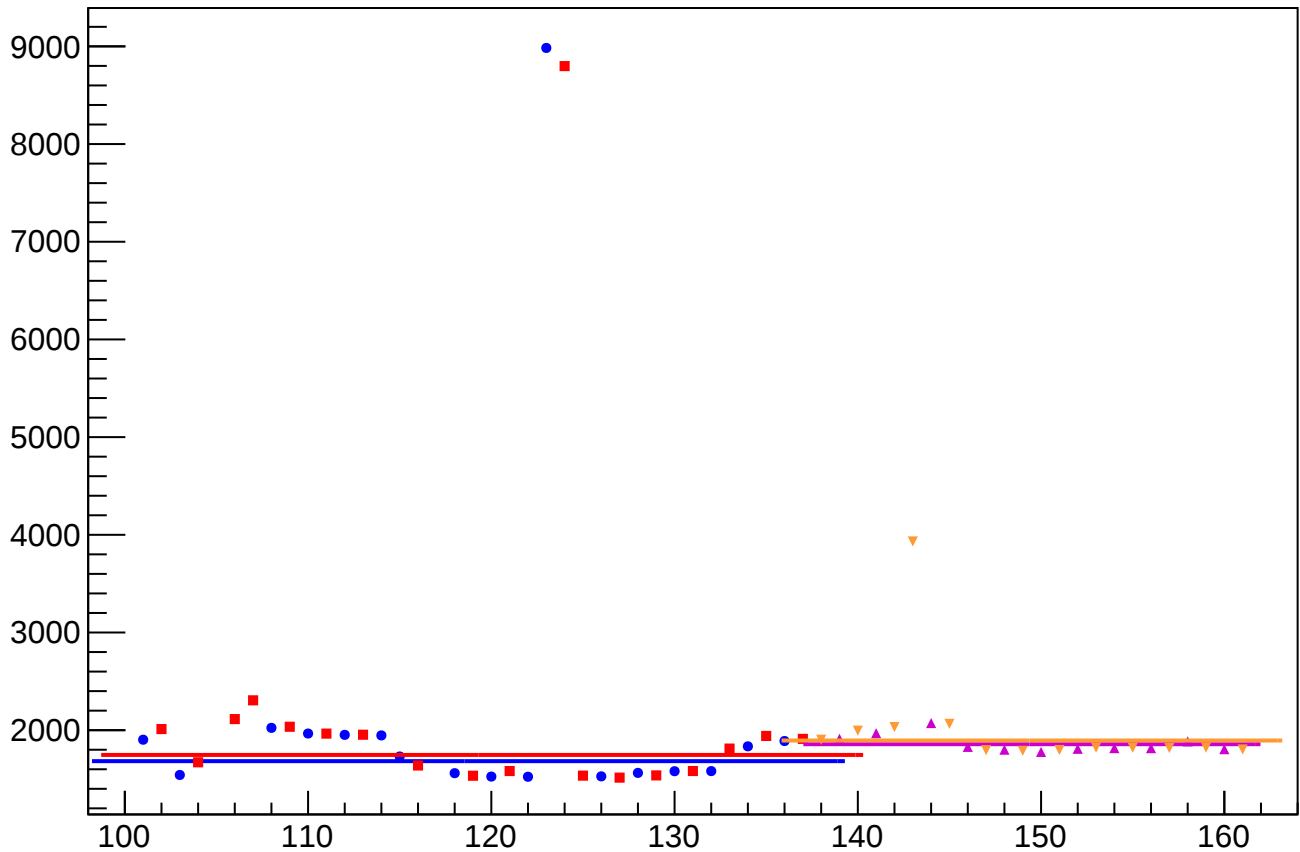
Right: -415.699+/-471.191 χ^2 /NDF: 38.4/34

In: -388.386+/-451.106 χ^2 /NDF:17.4/27

Out: 51.388+/-453.096 χ^2 /NDF:52.1/30

All: -169.467+/-319.681 χ^2 /NDF: 70.0/58

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124 ± 0.466 $\chi^2/\text{NDF}: 195857.2/16$

Left Out: 1894.317 ± 0.432 $\chi^2/\text{NDF}: 460461.1/12$

Right Out: 1746.802 ± 0.476 $\chi^2/\text{NDF}: 406724.0/17$

Left In: 1856.612 ± 0.438 $\chi^2/\text{NDF}: 35210.6/10$

Left: 1875.702 ± 0.308 $\chi^2/\text{NDF}: 499425.1/23$

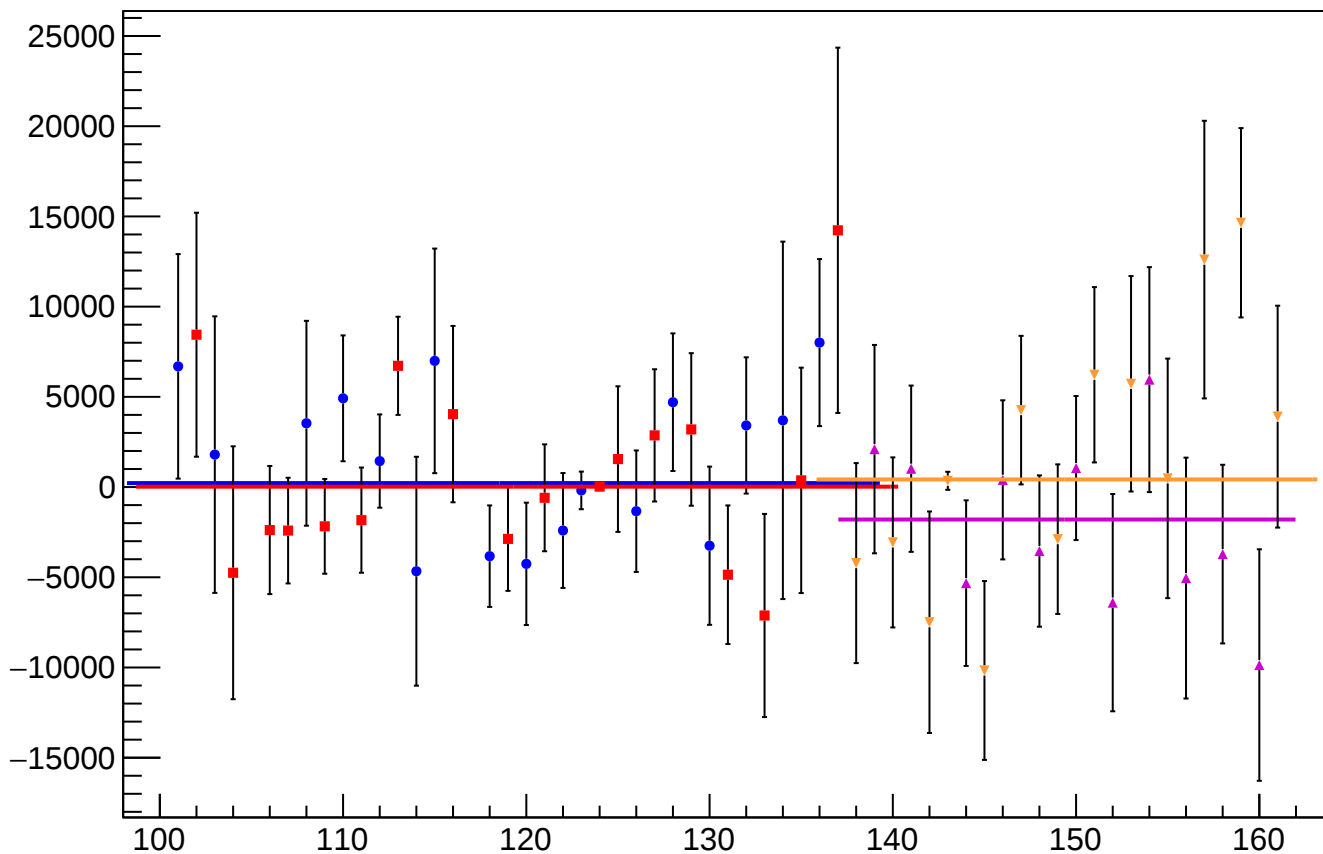
Right: 1714.259 ± 0.333 $\chi^2/\text{NDF}: 611728.2/34$

In: 1775.171 ± 0.319 $\chi^2/\text{NDF}: 304743.5/27$

Out: 1827.614 ± 0.320 $\chi^2/\text{NDF}: 919803.2/30$

All: 1801.303 ± 0.226 $\chi^2/\text{NDF}: 1238015.5/58$

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 421.371 $\pm$ 474.245 χ^2/NDF : 21.4/12

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

Left In: -1797.924 $\pm$ 1513.674 χ^2/NDF : 6.5/10

Left: 222.995 $\pm$ 452.554 χ^2/NDF : 29.8/23

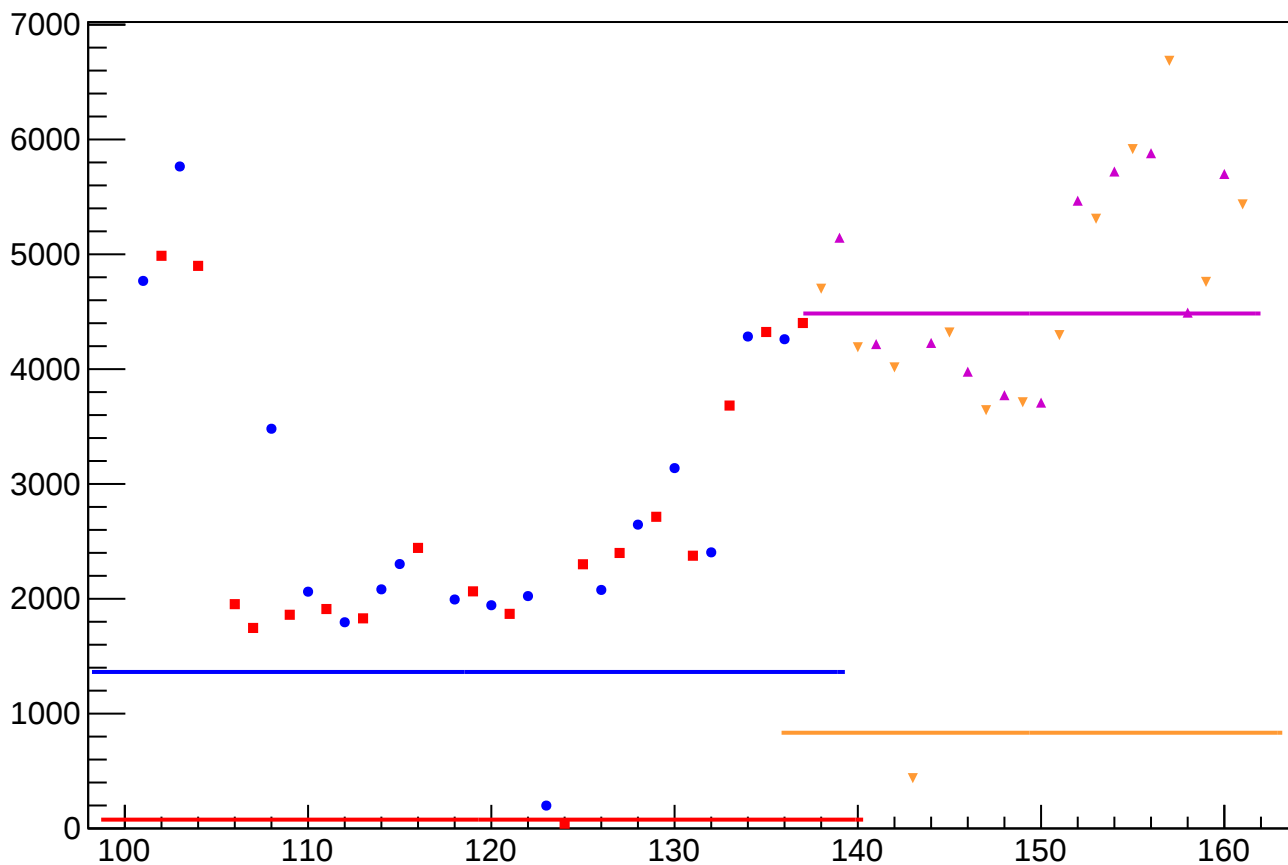
Right: 26.783 $\pm$ 112.731 χ^2/NDF : 34.5/34

In: -153.255 $\pm$ 650.866 χ^2/NDF : 23.7/27

Out: 43.813 $\pm$ 110.967 χ^2/NDF : 40.6/30

All: 38.247 $\pm$ 109.389 χ^2/NDF : 64.4/58

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 833.583 $\pm$ 0.335 χ^2 /NDF: 13373889.1/12

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

Left In: 4484.526 $\pm$ 1.070 χ^2 /NDF: 489644.3/10

Left: 1159.931 $\pm$ 0.320 χ^2 /NDF: 24458739.5/23

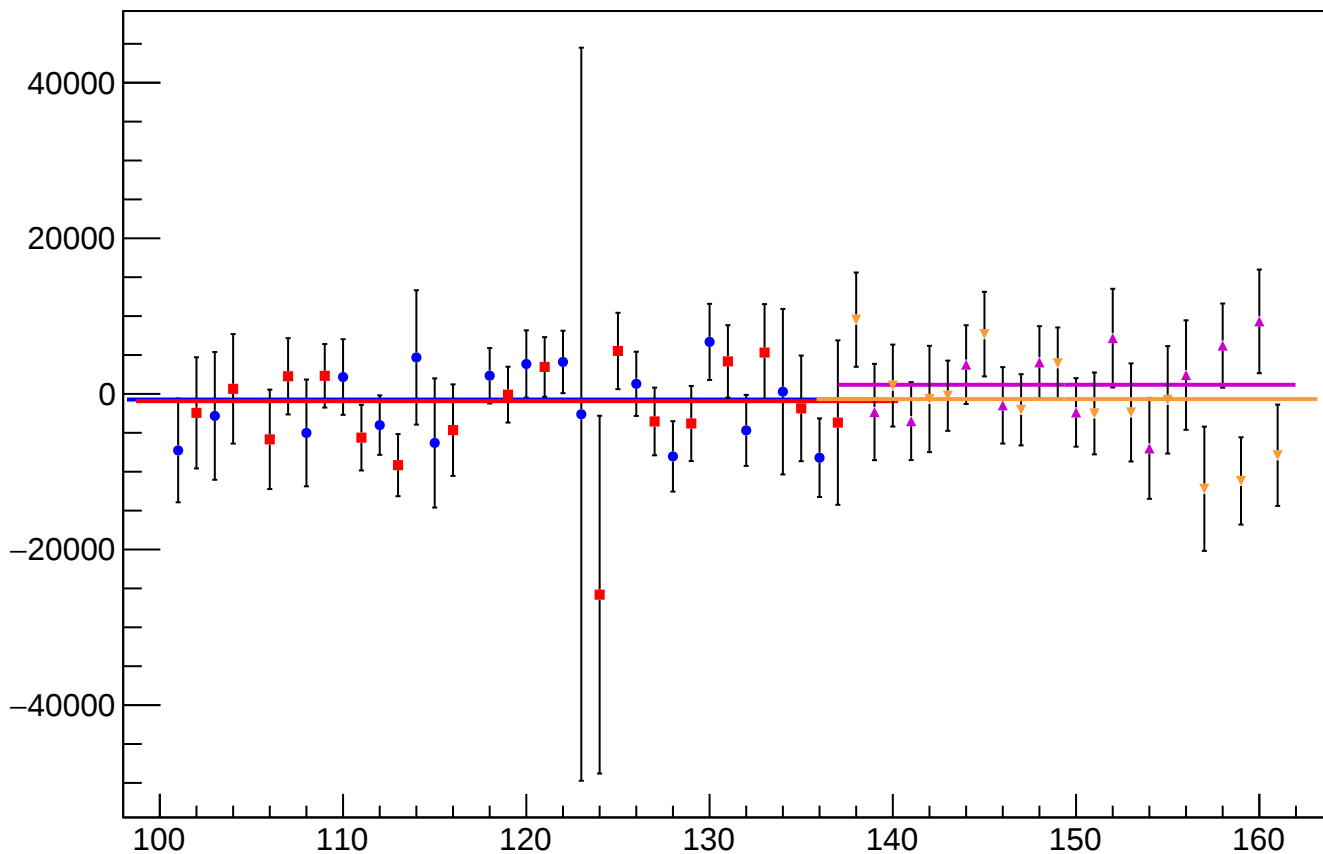
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1940.017 $\pm$ 0.460 χ^2 /NDF: 13659086.1/27

Out: 118.264 $\pm$ 0.078 χ^2 /NDF: 31301939.5/30

All: 169.721 $\pm$ 0.077 χ^2 /NDF: 60186897.3/58

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -666.651+/-1550.515 χ^2/NDF :13.4/12

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

Left In: 1175.230+/-1644.798 χ^2/NDF :7.7/10

Left: 199.989+/-1128.239 χ^2/NDF : 21.8/23

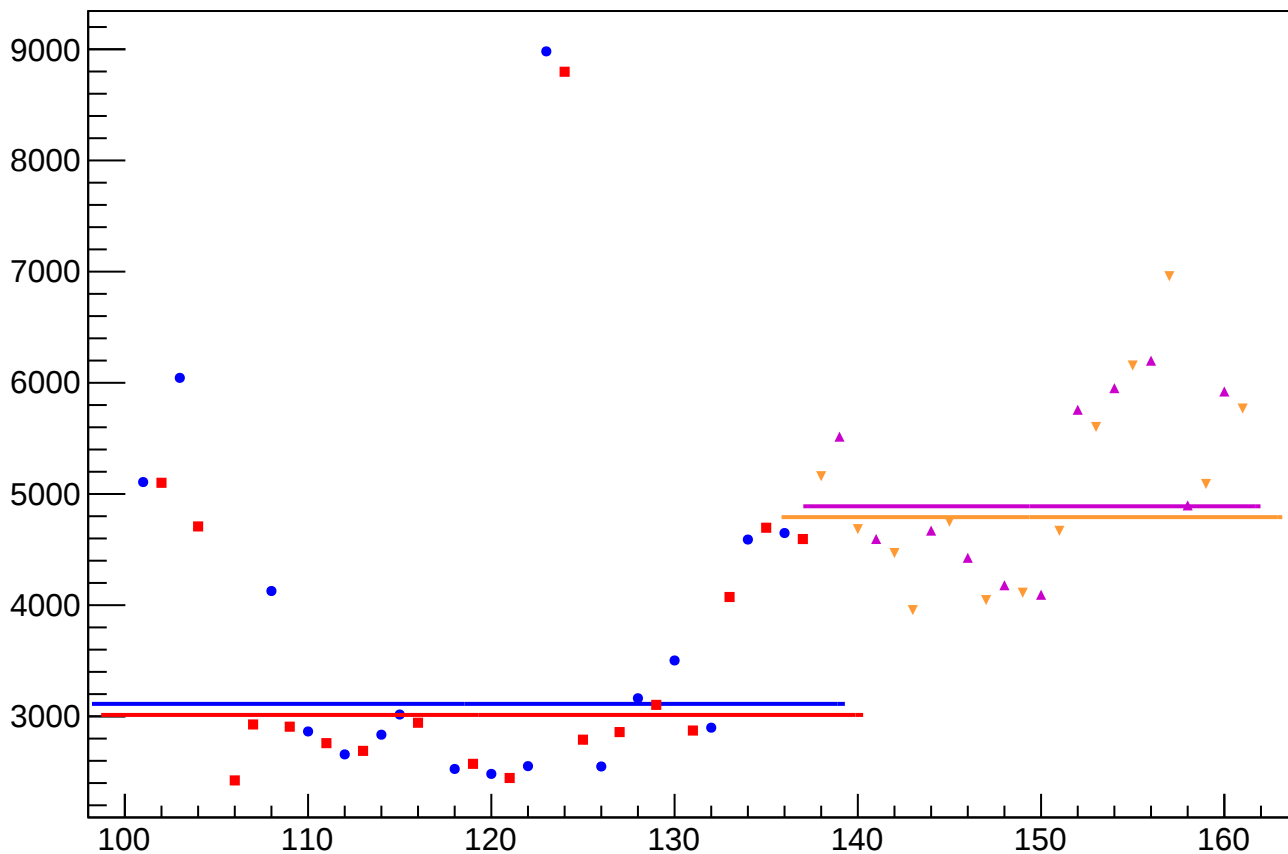
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -25.307+/-996.486 χ^2/NDF :23.2/27

Out: -832.994+/-946.238 χ^2/NDF :28.4/30

All: -450.027+/-686.168 χ^2/NDF : 52.0/58

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 $\pm$ 0.886 χ^2/NDF : 958497.7/16

Left Out: 4791.802 $\pm$ 1.096 χ^2/NDF : 488396.8/12

Right Out: 3012.763 $\pm$ 0.834 χ^2/NDF : 774261.7/17

Left In: 4889.322 $\pm$ 1.163 χ^2/NDF : 369164.9/10

Left: 4837.687 $\pm$ 0.798 χ^2/NDF : 861284.3/23

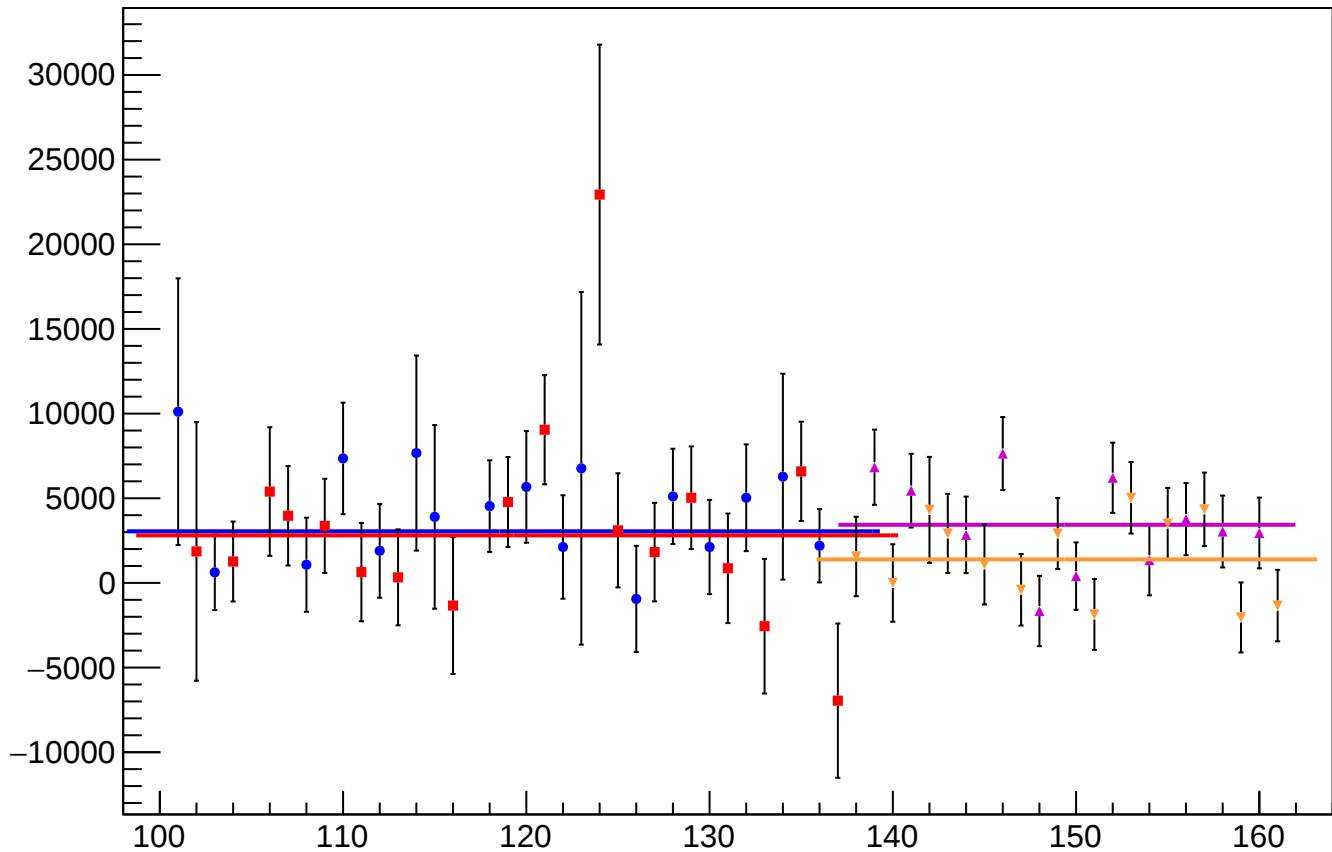
Right: 3059.514 $\pm$ 0.607 χ^2/NDF : 1739444.6/34

In: 3764.497 $\pm$ 0.705 χ^2/NDF : 2805407.2/27

Out: 3664.892 $\pm$ 0.664 χ^2/NDF : 2930492.7/30

All: 3711.726 $\pm$ 0.483 χ^2/NDF : 5746486.9/58

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1389.258+/-615.904 χ^2/NDF :15.6/12

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

Left In: 3431.212+/-639.624 χ^2/NDF :18.3/10

Left: 2371.671+/-443.659 χ^2/NDF : 39.2/23

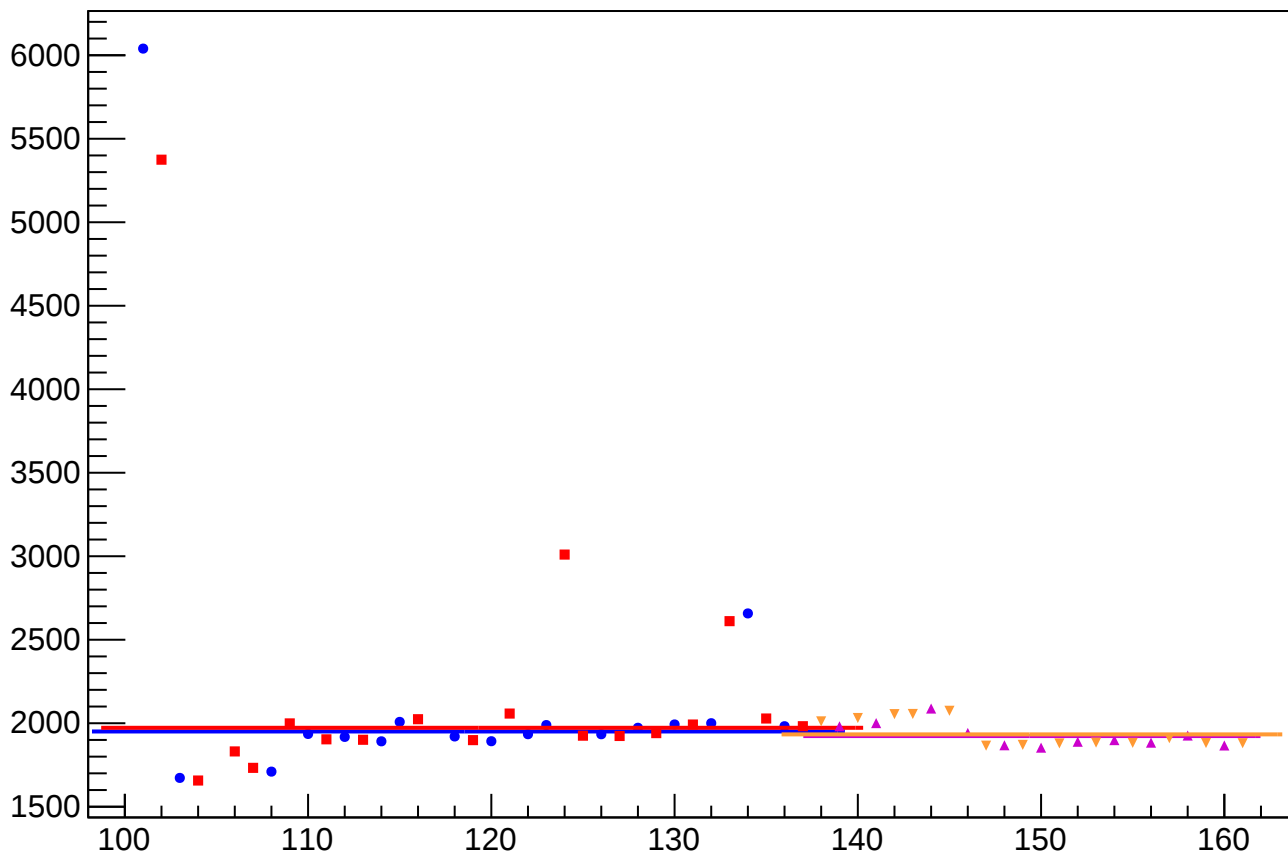
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3275.746+/-492.618 χ^2/NDF :27.8/27

Out: 1946.579+/-480.042 χ^2/NDF :39.7/30

All: 2593.981+/-343.801 χ^2/NDF : 71.2/58

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1933.267+/-0.436 χ^2/NDF :31607.9/12

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

Left In: 1923.193+/-0.452 χ^2/NDF :21495.5/10

Left: 1928.420+/-0.314 χ^2/NDF : 53360.8/23

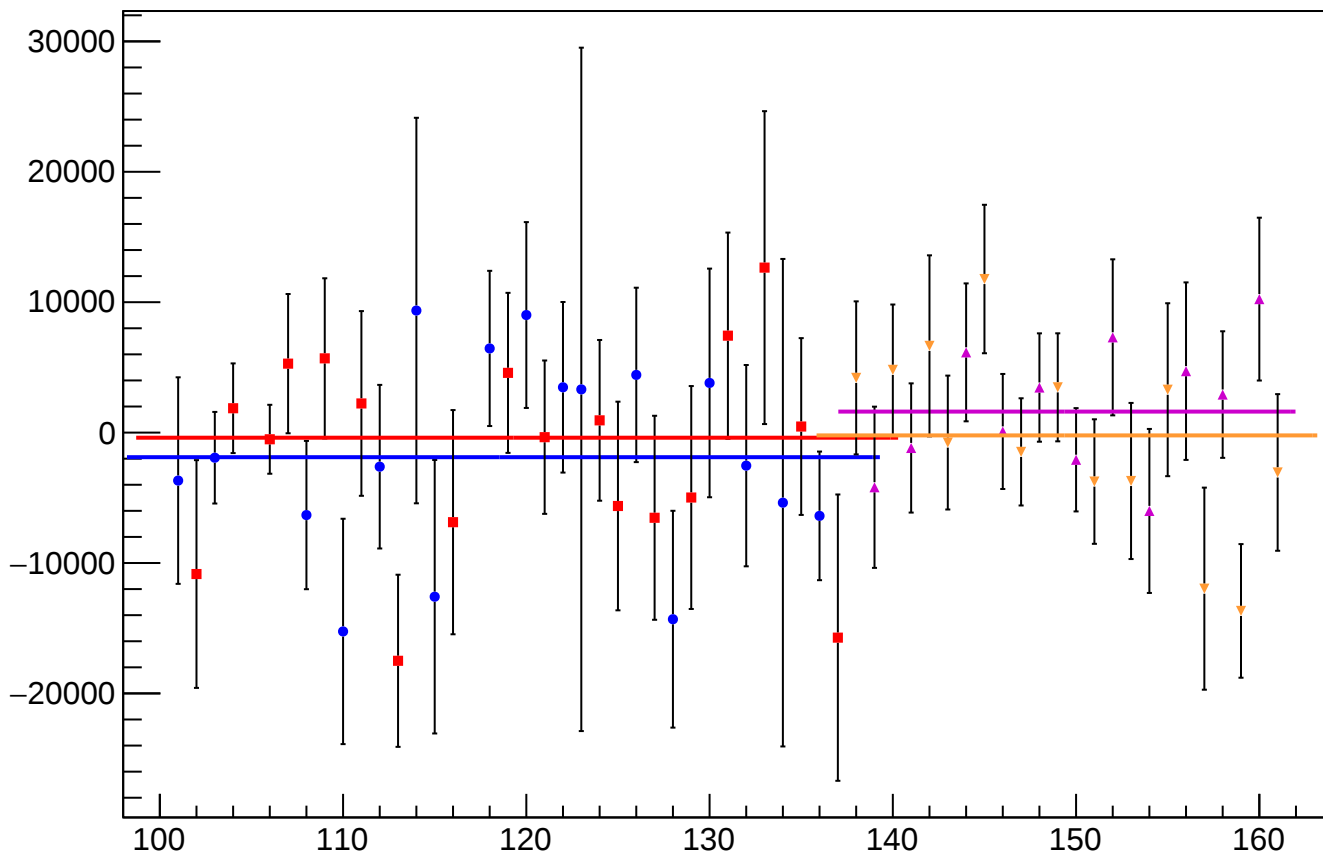
Right: 1961.803+/-0.385 χ^2/NDF : 1151656.3/34

In: 1934.380+/-0.348 χ^2/NDF :638164.7/27

Out: 1948.767+/-0.339 χ^2/NDF :570502.5/30

All: 1941.761+/-0.243 χ^2/NDF : 1209542.4/58

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -214.757 $\pm$ 1485.935 χ^2/NDF : 18.5/12

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

Left In: 1610.950 $\pm$ 1545.537 χ^2/NDF : 7.7/10

Left: 662.215 $\pm$ 1071.166 χ^2/NDF : 26.9/23

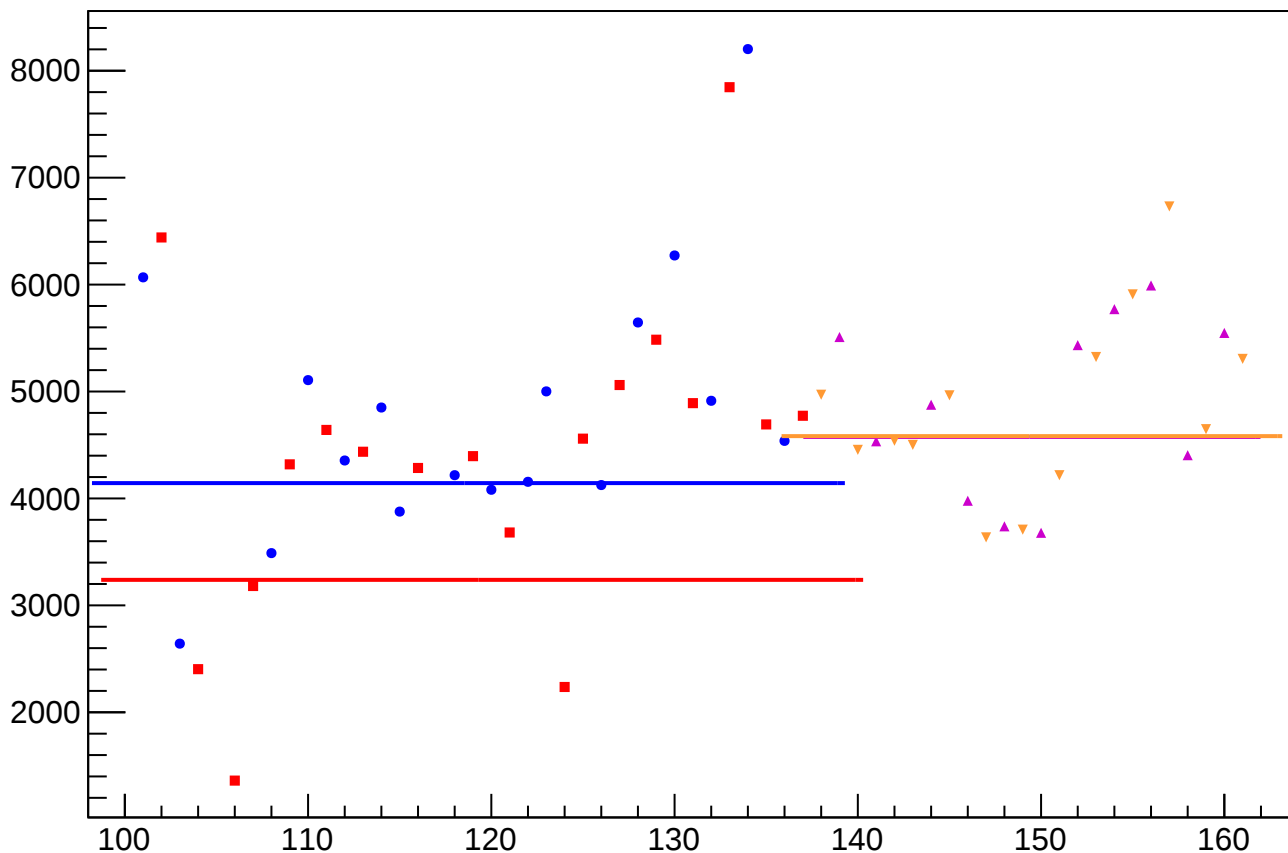
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

In: -14.602 $\pm$ 1130.522 χ^2/NDF : 24.2/27

Out: -310.800 $\pm$ 1003.914 χ^2/NDF : 36.1/30

All: -180.209 $\pm$ 750.662 χ^2/NDF : 60.3/58

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4582.751 $\pm$ 1.051 χ^2 /NDF: 520178.4/12

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

Left In: 4574.853 $\pm$ 1.093 χ^2 /NDF: 523415.1/10

Left: 4578.957 $\pm$ 0.757 χ^2 /NDF: 1043620.6/23

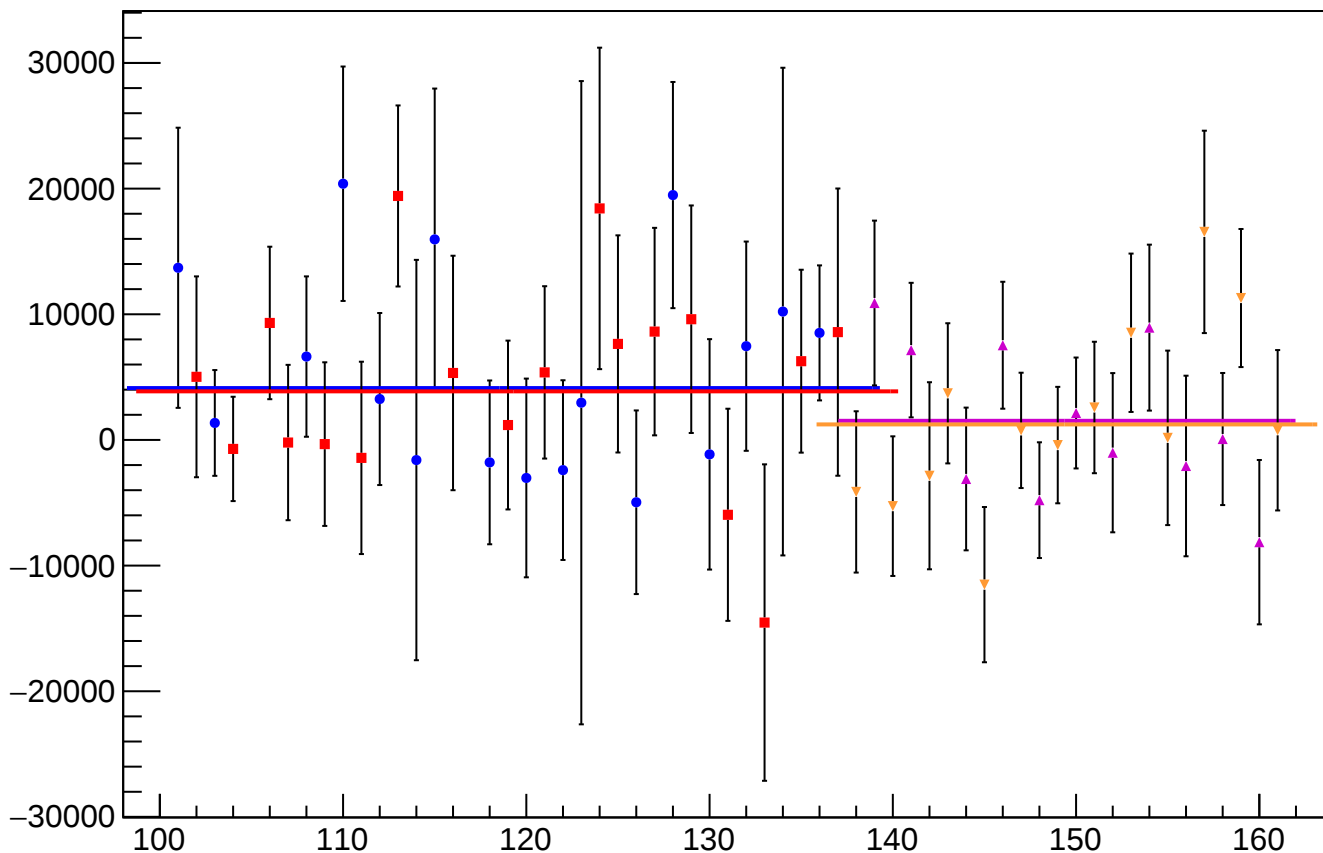
Right: 3603.092 $\pm$ 0.744 χ^2 /NDF: 3793704.0/34

In: 4374.288 $\pm$ 0.799 χ^2 /NDF: 1451828.0/27

Out: 3852.133 $\pm$ 0.710 χ^2 /NDF: 3991692.0/30

All: 4082.346 $\pm$ 0.531 χ^2 /NDF: 5682063.6/58

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1235.485 $\pm$ 1616.398 χ^2 /NDF:15.4/12

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

Left In: 1521.365 $\pm$ 1681.557 χ^2 /NDF:11.1/10

Left: 1372.779 $\pm$ 1165.321 χ^2 /NDF: 26.4/23

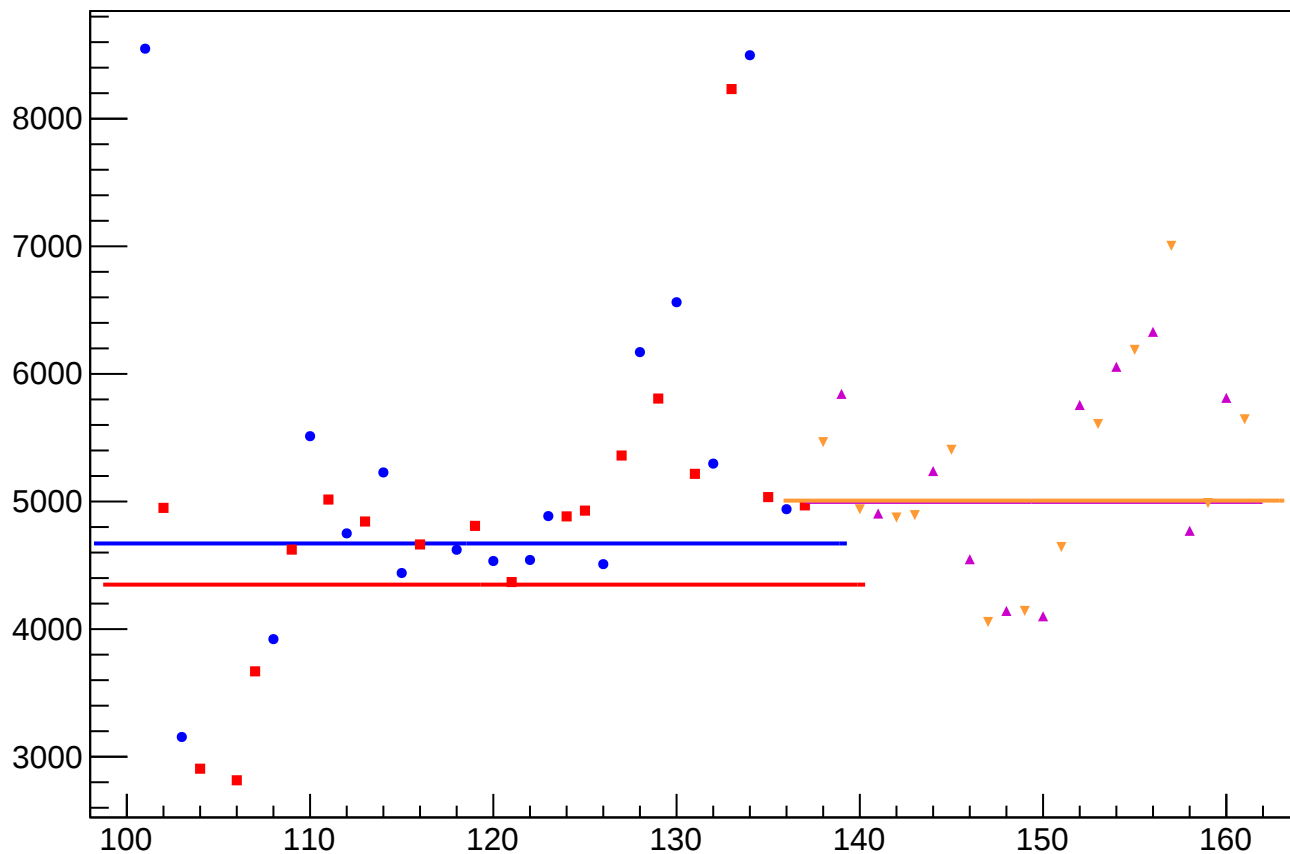
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 2690.943 $\pm$ 1248.291 χ^2 /NDF:25.8/27

Out: 2463.675 $\pm$ 1180.285 χ^2 /NDF:30.9/30

All: 2570.950 $\pm$ 857.622 χ^2 /NDF: 56.7/58

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5007.057+/-1.143 χ^2/NDF : 404396.7/12

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

Left In: 4997.021+/-1.189 χ^2/NDF : 388518.1/10

Left: 5002.237+/-0.824 χ^2/NDF : 792951.9/23

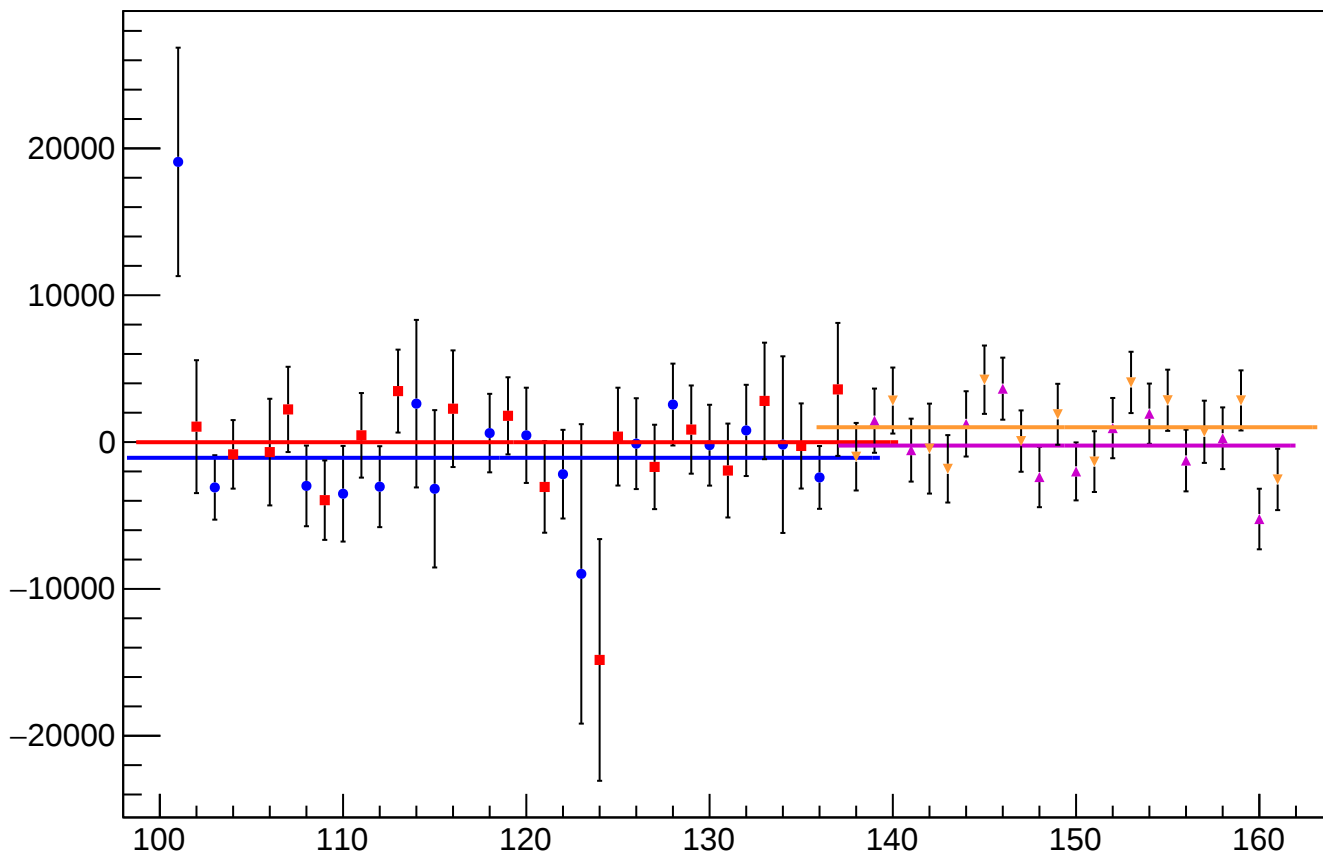
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4850.804+/-0.883 χ^2/NDF : 1208314.1/27

Out: 4697.830+/-0.832 χ^2/NDF : 1352656.0/30

All: 4769.829+/-0.606 χ^2/NDF : 2576869.1/58

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1010.621 ± 607.058 χ^2/NDF : 13.4/12

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

Left In: -237.897 ± 631.215 χ^2/NDF : 13.9/10

Left: 410.709 ± 437.546 χ^2/NDF : 29.4/23

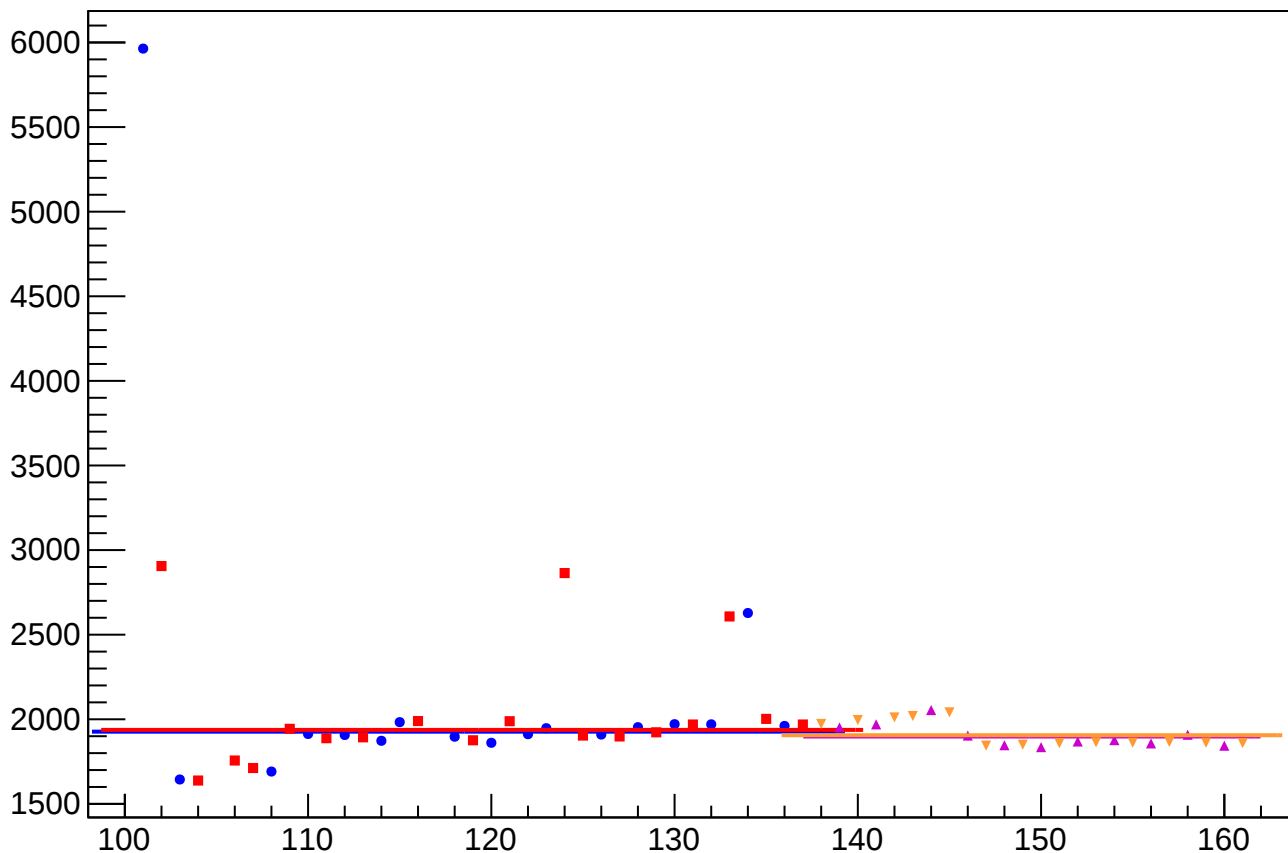
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -576.517 ± 486.350 χ^2/NDF : 28.4/27

Out: 605.824 ± 471.383 χ^2/NDF : 25.9/30

All: 33.126 ± 338.485 χ^2/NDF : 57.3/58

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1905.777 $\pm$ 0.429 χ^2 /NDF: 27464.8/12

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

Left In: 1898.107 $\pm$ 0.446 χ^2 /NDF: 19455.7/10

Left: 1902.092 $\pm$ 0.309 χ^2 /NDF: 47073.9/23

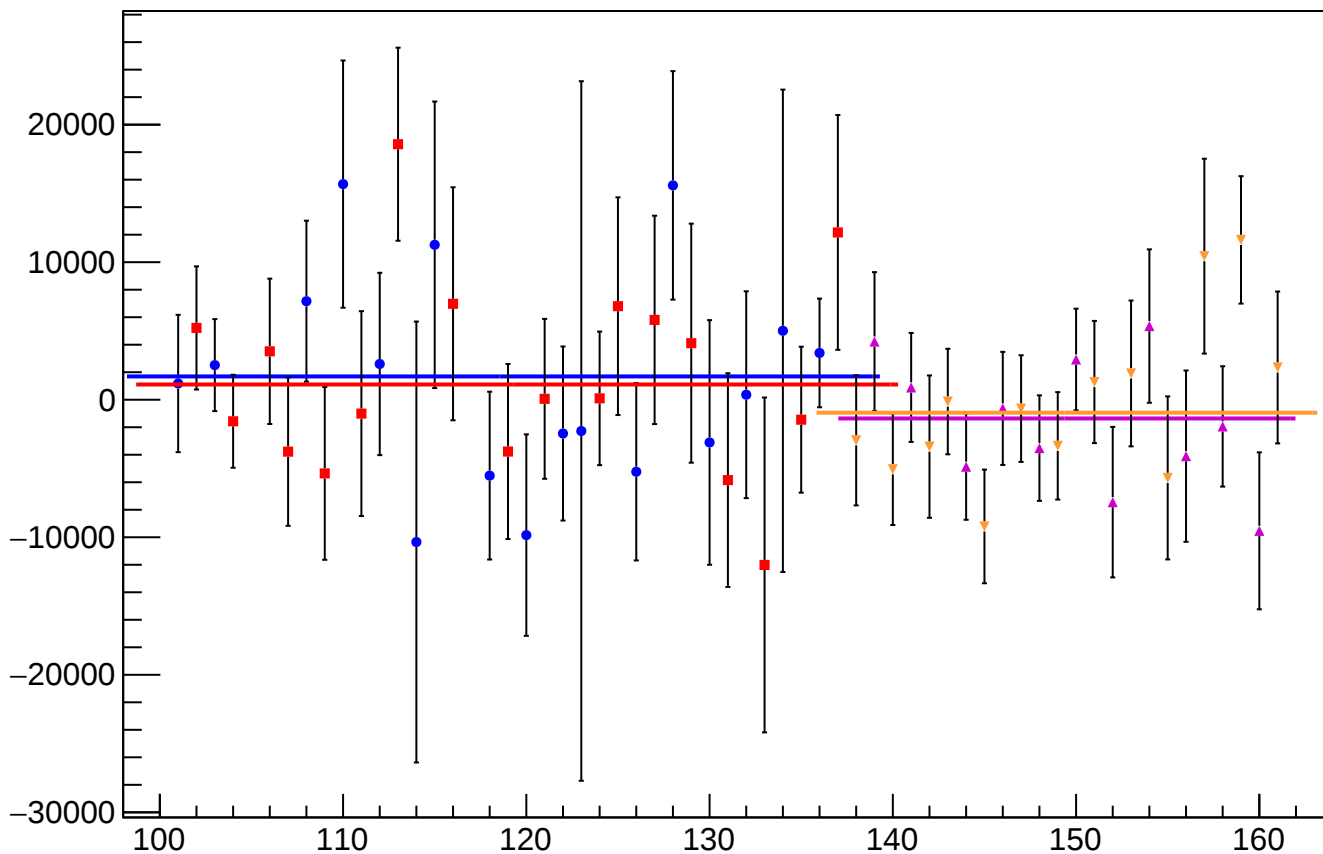
Right: 1932.191 $\pm$ 0.378 χ^2 /NDF: 846384.9/34

In: 1909.803 $\pm$ 0.344 χ^2 /NDF: 638261.8/27

Out: 1918.297 $\pm$ 0.333 χ^2 /NDF: 258684.6/30

All: 1914.184 $\pm$ 0.239 χ^2 /NDF: 897261.0/58

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -942.412+/-1274.728 χ^2/NDF : 17.3/12

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

Left In: -1362.143+/-1354.705 χ^2/NDF : 9.0/10

Left: -1139.523+/-928.355 χ^2/NDF : 26.4/23

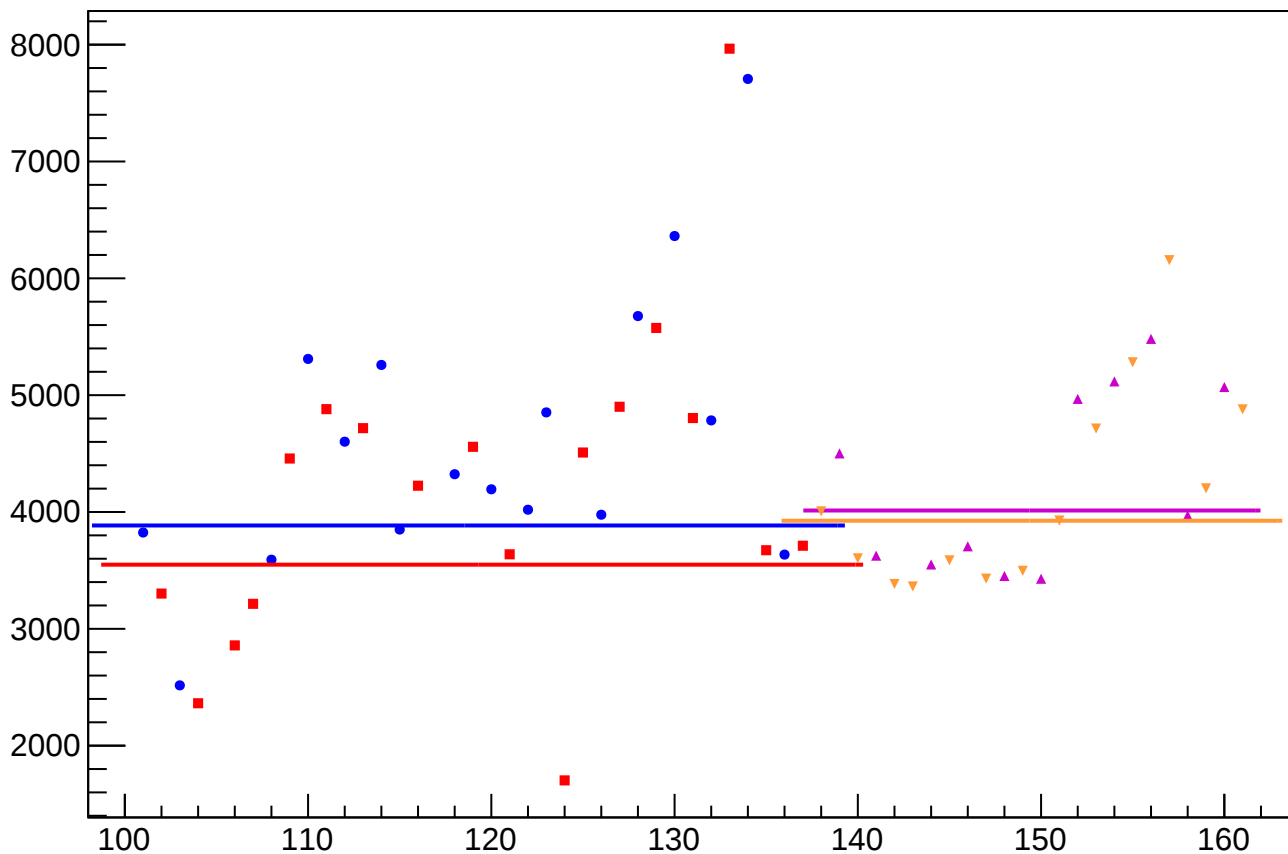
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: -40.517+/-1020.576 χ^2/NDF : 24.8/27

Out: -22.230+/-946.398 χ^2/NDF : 34.4/30

All: -30.685+/-693.948 χ^2/NDF : 59.2/58

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3925.359+/-0.901 χ^2/NDF : 562172.5/12

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

Left In: 4012.828+/-0.958 χ^2/NDF : 489805.9/10

Left: 3966.436+/-0.656 χ^2/NDF : 1056400.6/23

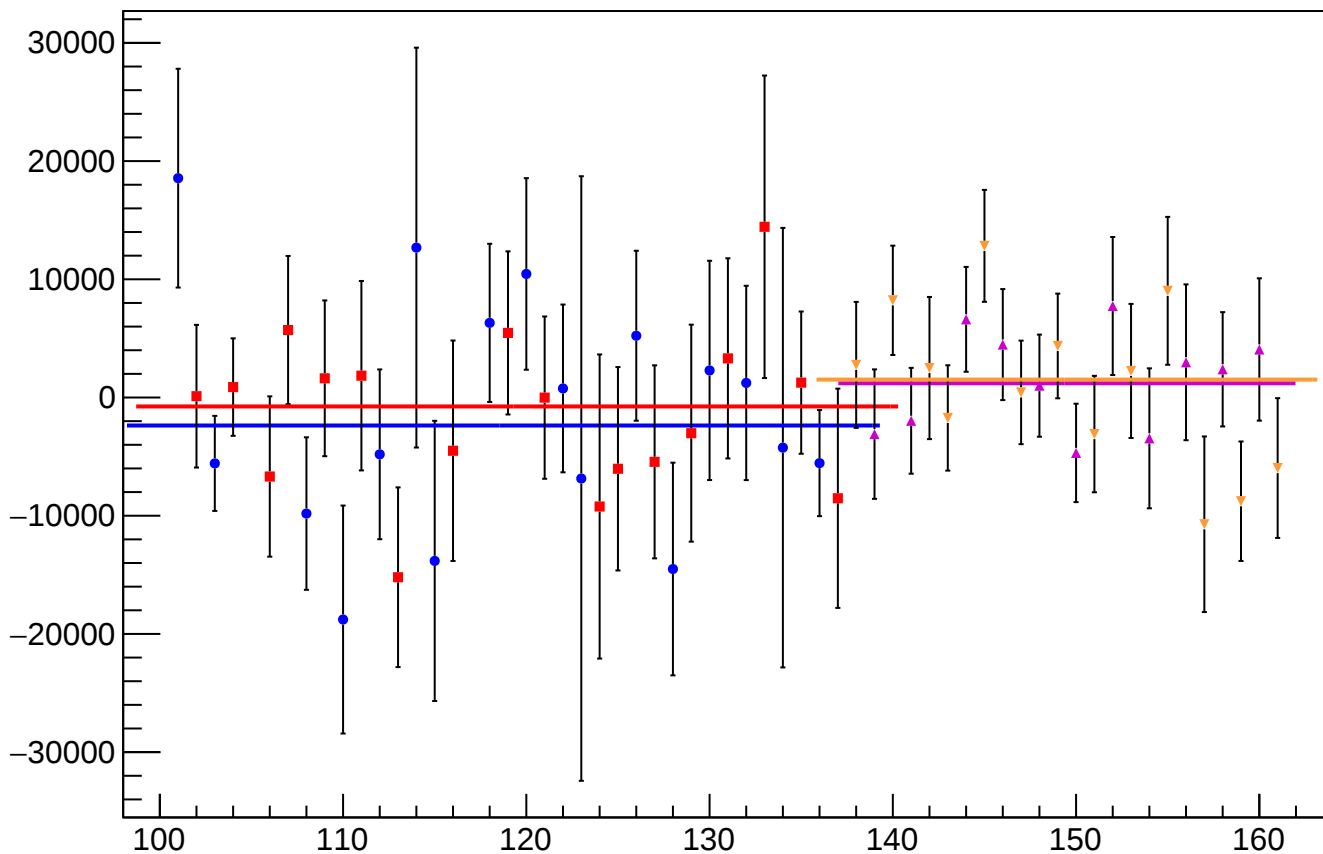
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3957.377+/-0.722 χ^2/NDF : 1324118.4/27

Out: 3756.510+/-0.669 χ^2/NDF : 1967308.6/30

All: 3849.379+/-0.491 χ^2/NDF : 3333081.2/58

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1517.345 $\pm$ 1426.239 χ^2/NDF : 19.7/12

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

Left In: 1205.002 $\pm$ 1504.148 χ^2/NDF : 7.3/10

Left: 1369.471 $\pm$ 1034.950 χ^2/NDF : 27.0/23

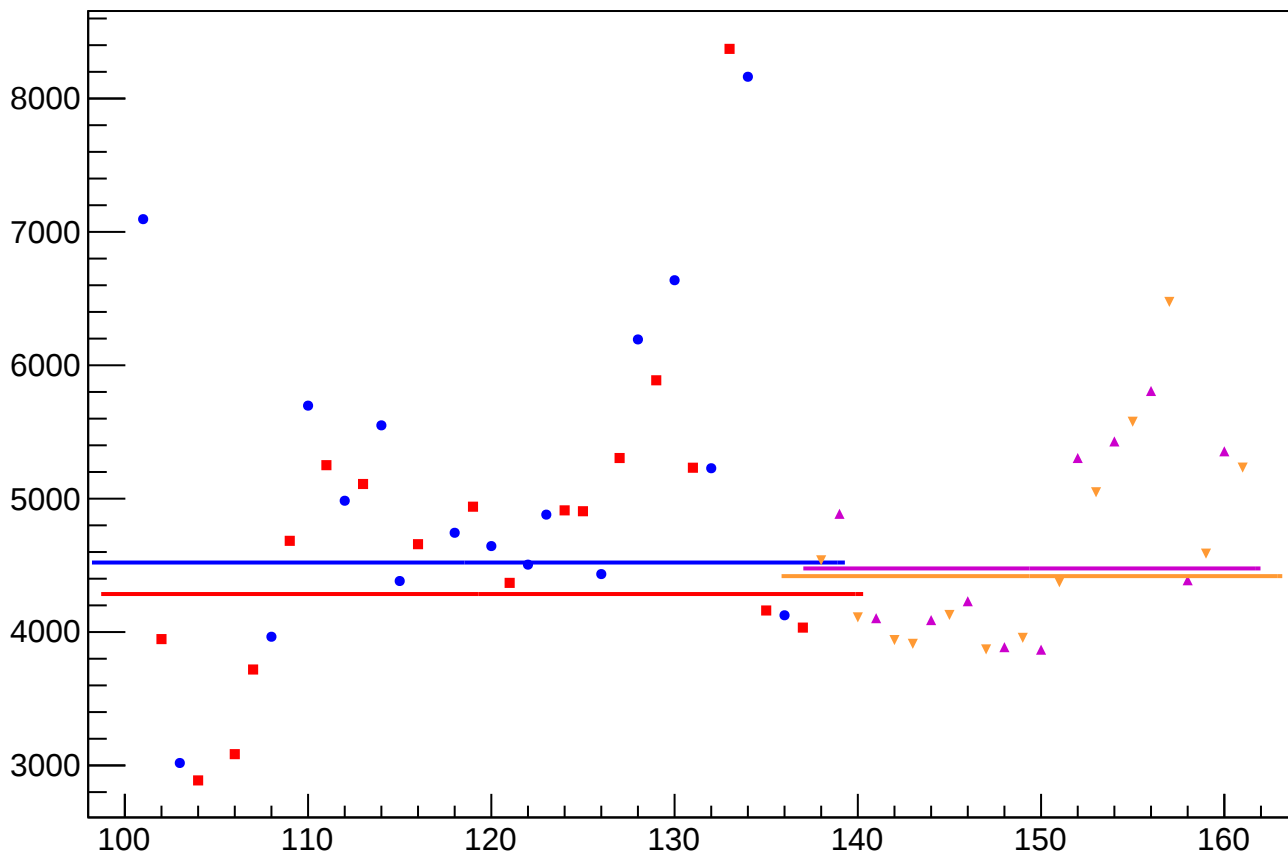
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

In: -262.059 $\pm$ 1154.721 χ^2/NDF : 29.8/27

Out: 573.847 $\pm$ 1090.798 χ^2/NDF : 31.2/30

All: 179.671 $\pm$ 792.946 χ^2/NDF : 61.3/58

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4419.289+/-1.009 χ^2/NDF : 396076.7/12

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

Left In: 4476.885+/-1.064 χ^2/NDF : 342619.3/10

Left: 4446.557+/-0.732 χ^2/NDF : 740240.2/23

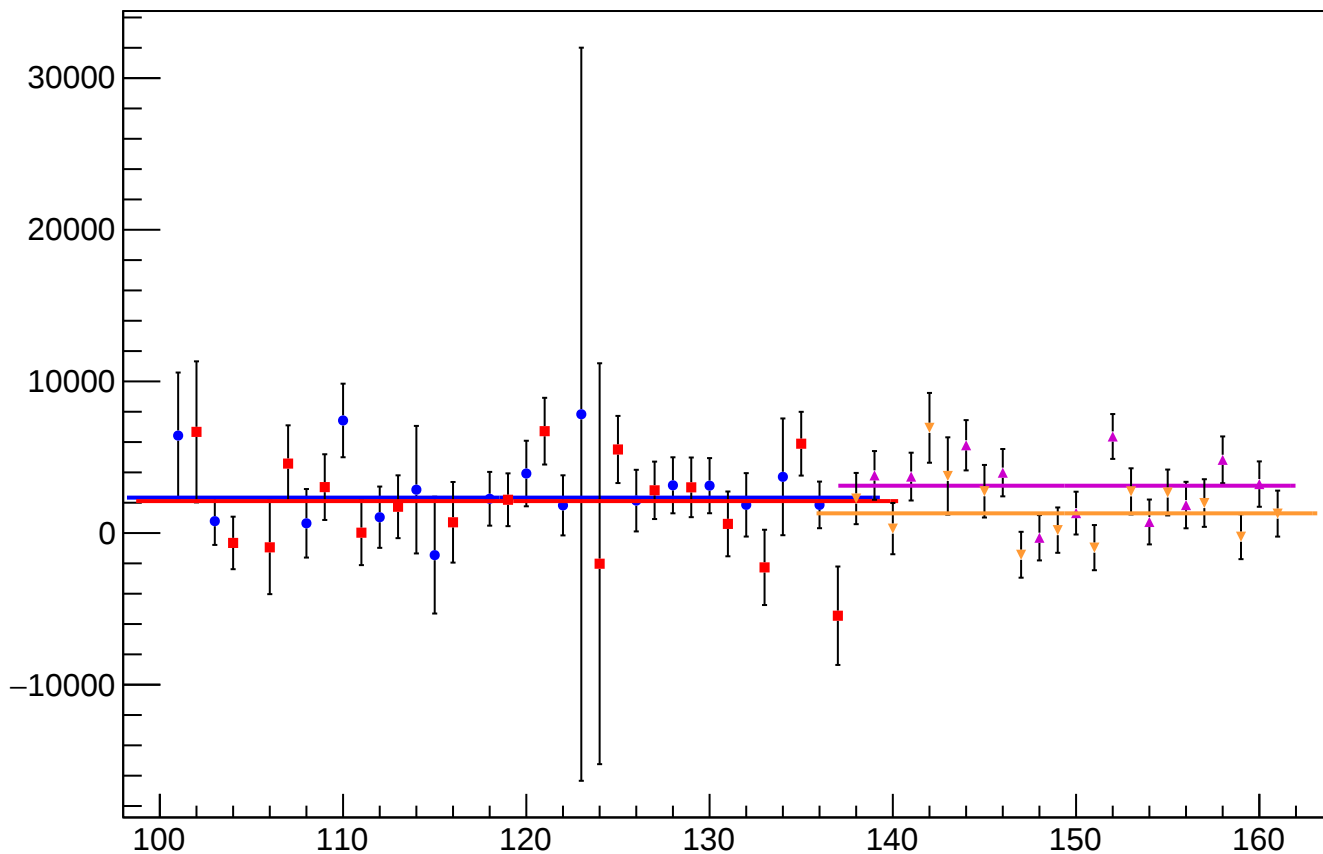
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4495.095+/-0.817 χ^2/NDF : 1122008.1/27

Out: 4363.214+/-0.770 χ^2/NDF : 1149877.6/30

All: 4425.251+/-0.560 χ^2/NDF : 2285702.0/58

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1299.934+/-452.822 χ^2/NDF :17.5/12

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

Left In: 3121.543+/-460.219 χ^2/NDF :19.5/10

Left: 2195.981+/-322.777 χ^2/NDF : 44.9/23

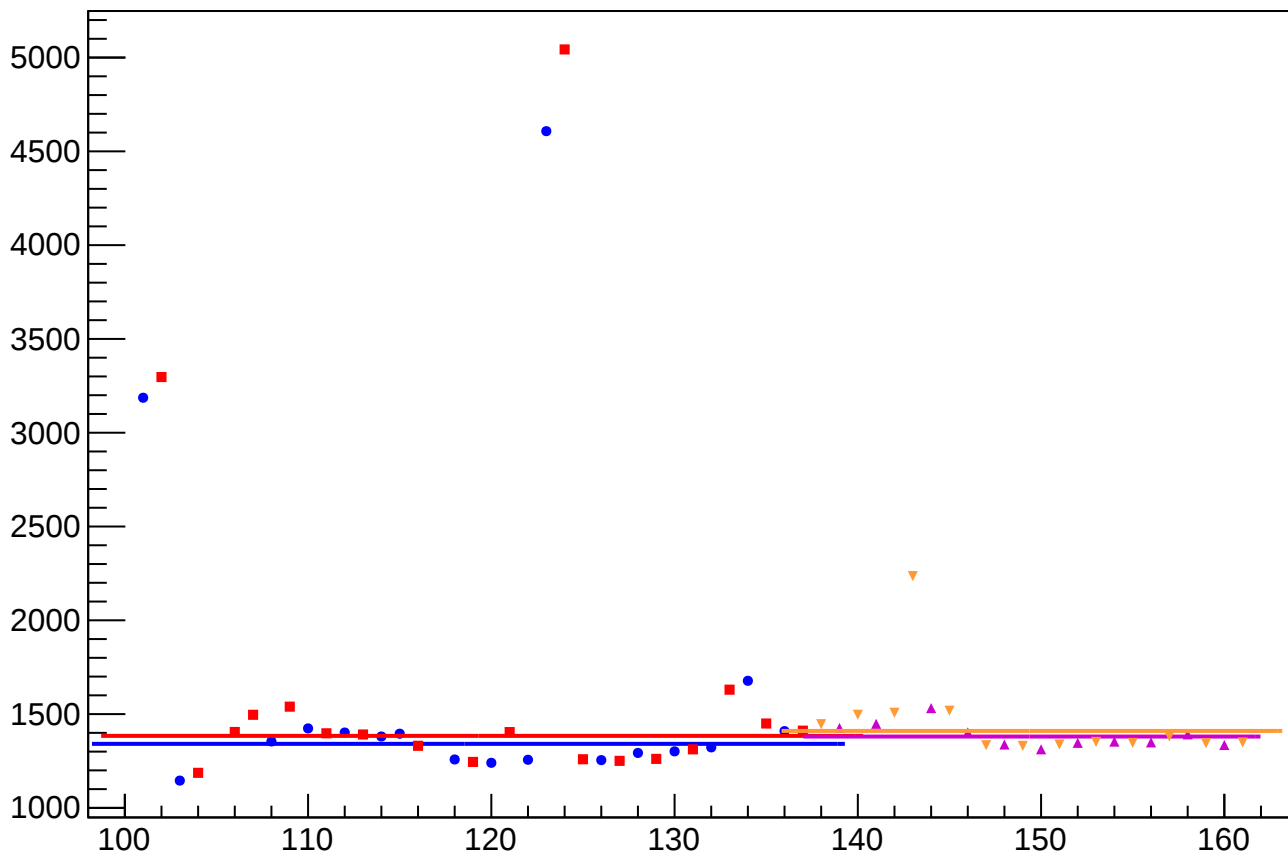
Right: 2223.866+/-378.529 χ^2/NDF : 36.1/34

In: 2785.095+/-347.813 χ^2/NDF :30.4/27

Out: 1633.472+/-346.871 χ^2/NDF :45.1/30

All: 2207.721+/-245.607 χ^2/NDF : 81.0/58

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1410.336 $\pm$ 0.320 χ^2 /NDF:257050.7/12

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

Left In: 1380.371 $\pm$ 0.325 χ^2 /NDF:33162.9/10

Left: 1395.597 $\pm$ 0.228 χ^2 /NDF: 294521.7/23

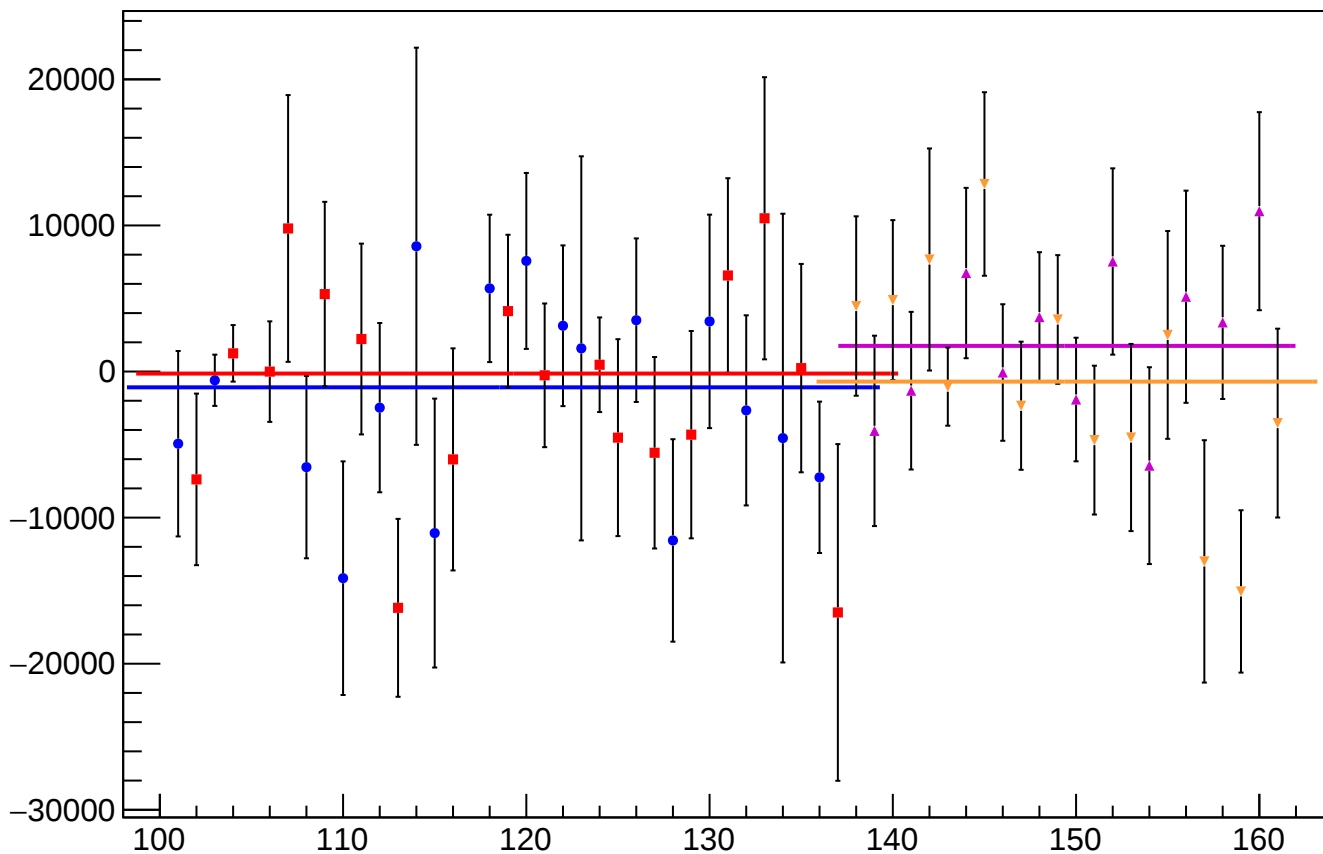
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1363.648 $\pm$ 0.246 χ^2 /NDF:543593.2/27

Out: 1399.413 $\pm$ 0.245 χ^2 /NDF:853711.8/30

All: 1381.583 $\pm$ 0.174 χ^2 /NDF: 1407909.7/58

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: -689.651+/-1414.973 χ^2/NDF : 18.9/12

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

Left In: 1755.461+/-1658.877 χ^2/NDF : 7.4/10

Left: 340.104+/-1076.544 χ^2/NDF : 27.6/23

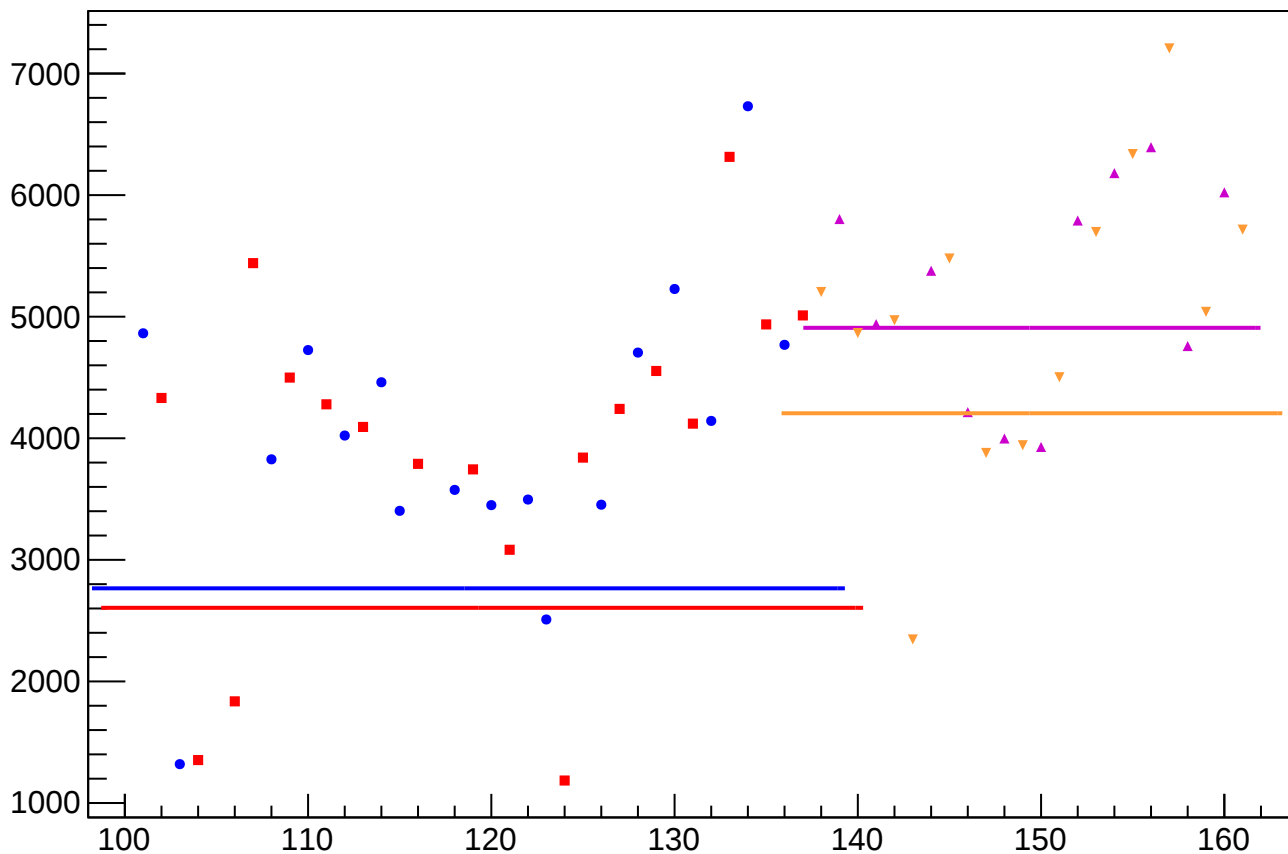
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -93.464+/-978.831 χ^2/NDF : 24.3/27

Out: -353.173+/-882.658 χ^2/NDF : 37.1/30

All: -236.701+/-655.505 χ^2/NDF : 61.4/58

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: 4205.742 $\pm$ 1.001 χ^2 /NDF:1881194.2/12

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

Left In: 4908.499 $\pm$ 1.173 χ^2 /NDF:535180.9/10

Left: 4501.707 $\pm$ 0.761 χ^2 /NDF: 2624143.0/23

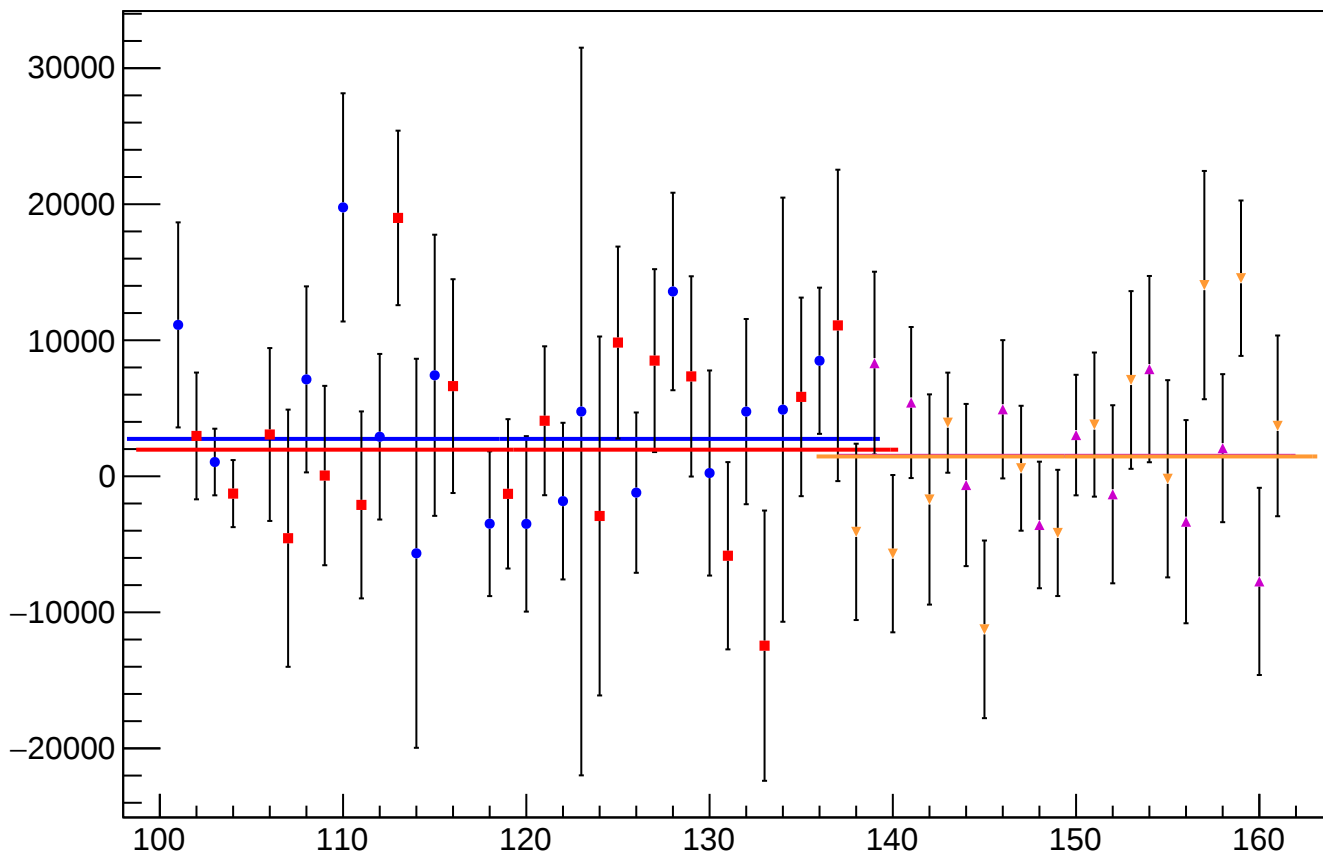
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3511.775 $\pm$ 0.692 χ^2 /NDF:5649398.8/27

Out: 3228.211 $\pm$ 0.624 χ^2 /NDF:6766110.0/30

All: 3355.382 $\pm$ 0.464 χ^2 /NDF: 12508081.5/55

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: 1457.928+/-1566.866 χ^2/NDF : 16.8/12

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

Left In: 1504.707+/-1724.972 χ^2/NDF : 6.7/10

Left: 1479.076+/-1159.819 χ^2/NDF : 23.5/23

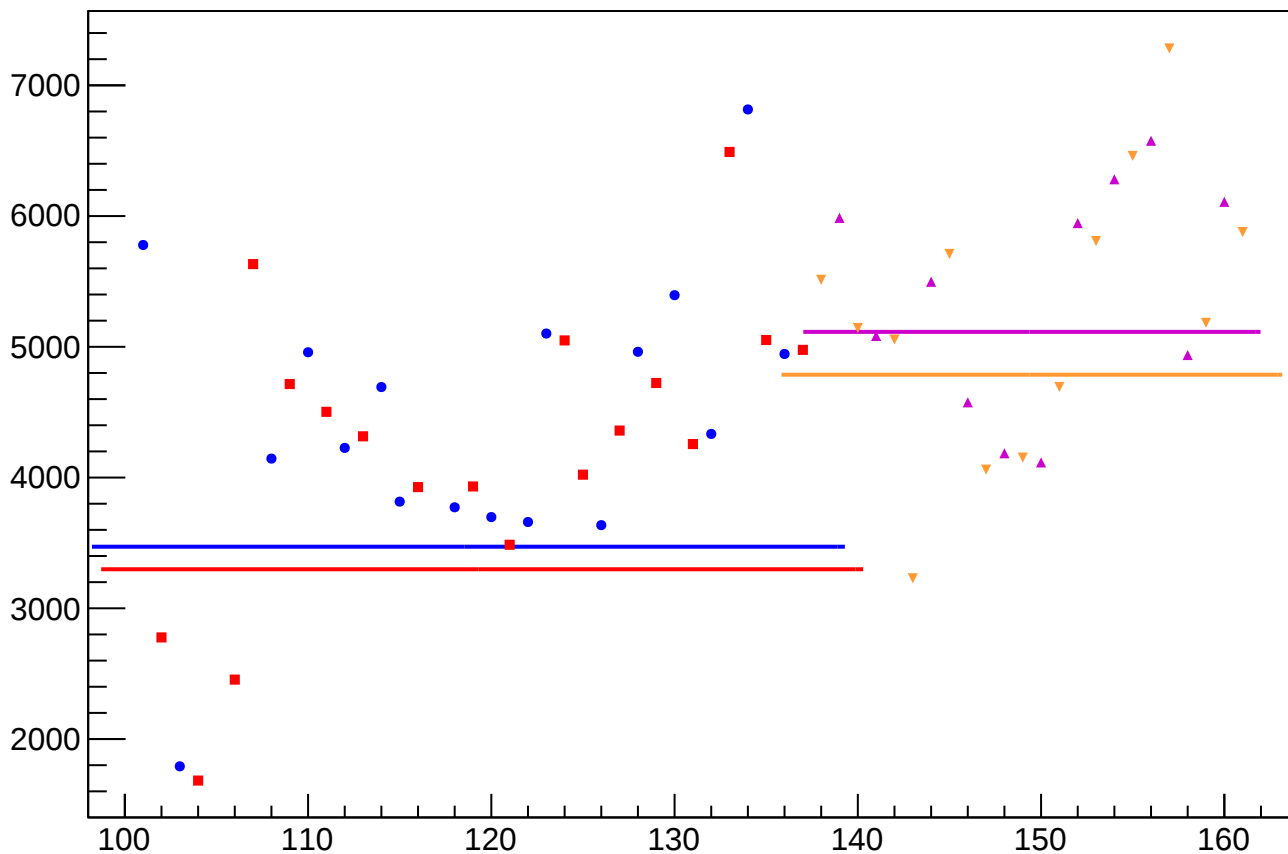
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2234.793+/-1108.438 χ^2/NDF : 20.8/27

Out: 1737.615+/-1037.419 χ^2/NDF : 34.6/30

All: 1969.767+/-757.429 χ^2/NDF : 55.5/58

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: 4786.659+/-1.108 χ^2/NDF : 917474.8/12

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

Left In: 5114.341+/-1.220 χ^2/NDF : 456694.3/10

Left: 4934.798+/-0.820 χ^2/NDF : 1413713.7/23

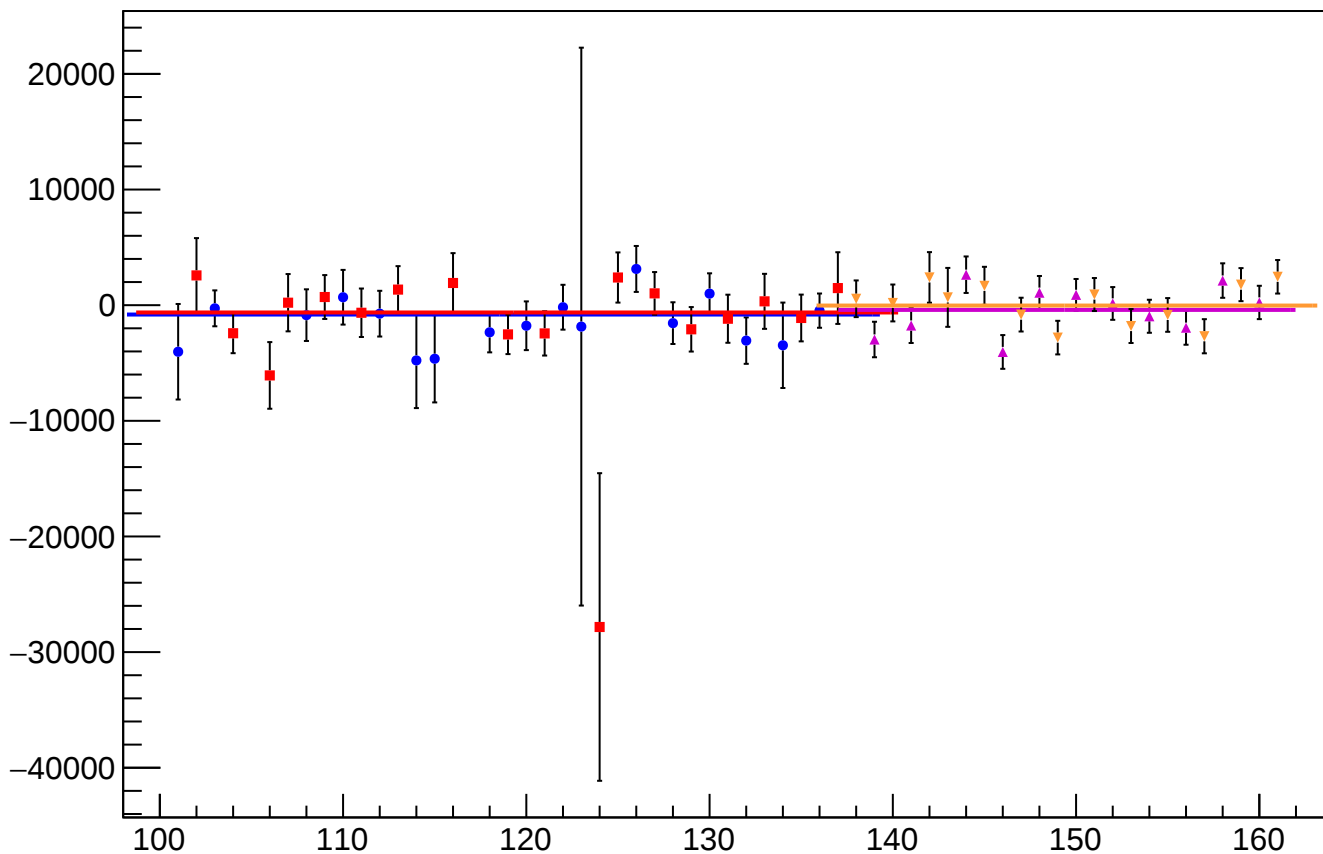
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4149.627+/-0.784 χ^2/NDF : 3290081.8/27

Out: 3944.214+/-0.730 χ^2/NDF : 3824697.8/30

All: 4039.600+/-0.534 χ^2/NDF : 7151571.1/58

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: -31.897+/-433.661 χ^2/NDF :16.5/12

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

Left In: -408.717+/-441.639 χ^2/NDF :20.0/10

Left: -216.873+/-309.427 χ^2/NDF : 36.8/23

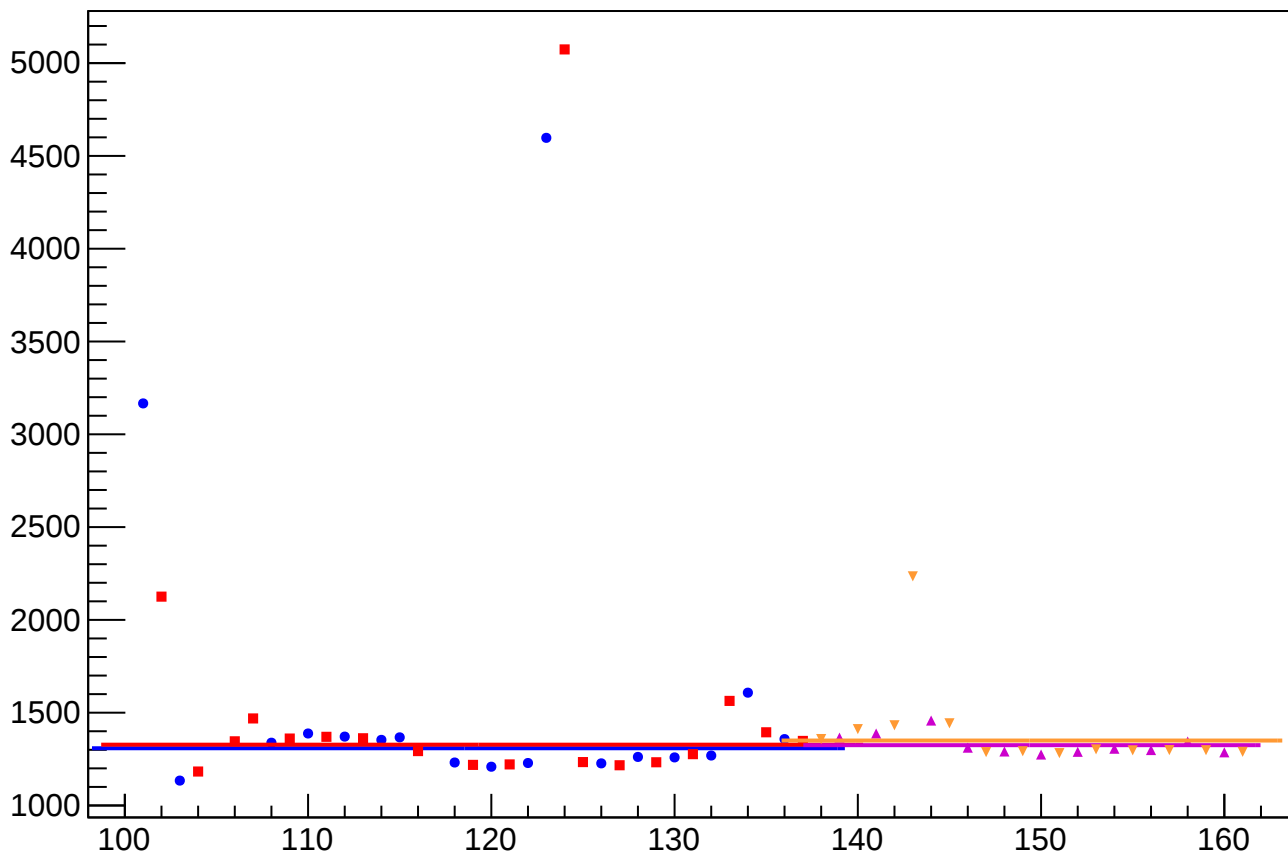
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -577.142+/-336.125 χ^2/NDF :31.5/27

Out: -280.350+/-331.701 χ^2/NDF :35.8/30

All: -426.780+/-236.097 χ^2/NDF : 67.7/58

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: 1349.977+/-0.307 χ^2/NDF : 278022.0/12

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

Left In: 1324.958+/-0.312 χ^2/NDF : 27028.0/10

Left: 1337.696+/-0.219 χ^2/NDF : 308317.5/23

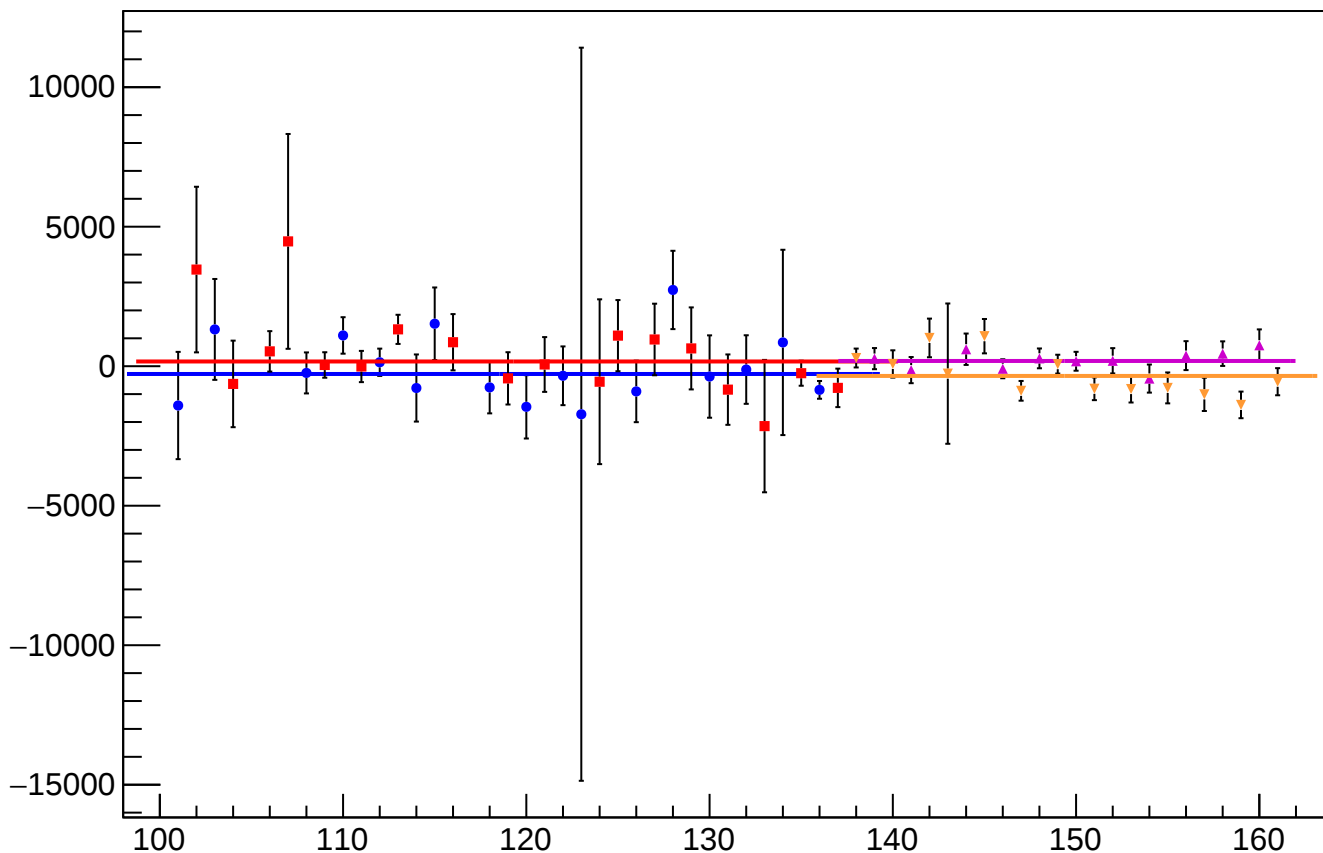
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1317.977+/-0.238 χ^2/NDF : 534760.7/27

Out: 1340.711+/-0.235 χ^2/NDF : 637553.0/30

All: 1329.495+/-0.167 χ^2/NDF : 1176948.7/58

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: -348.766+/-129.512 χ^2/NDF : 26.4/12

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

Left In: 187.698+/-128.252 χ^2/NDF : 4.9/10

Left: -77.912+/-91.130 χ^2/NDF : 40.0/23

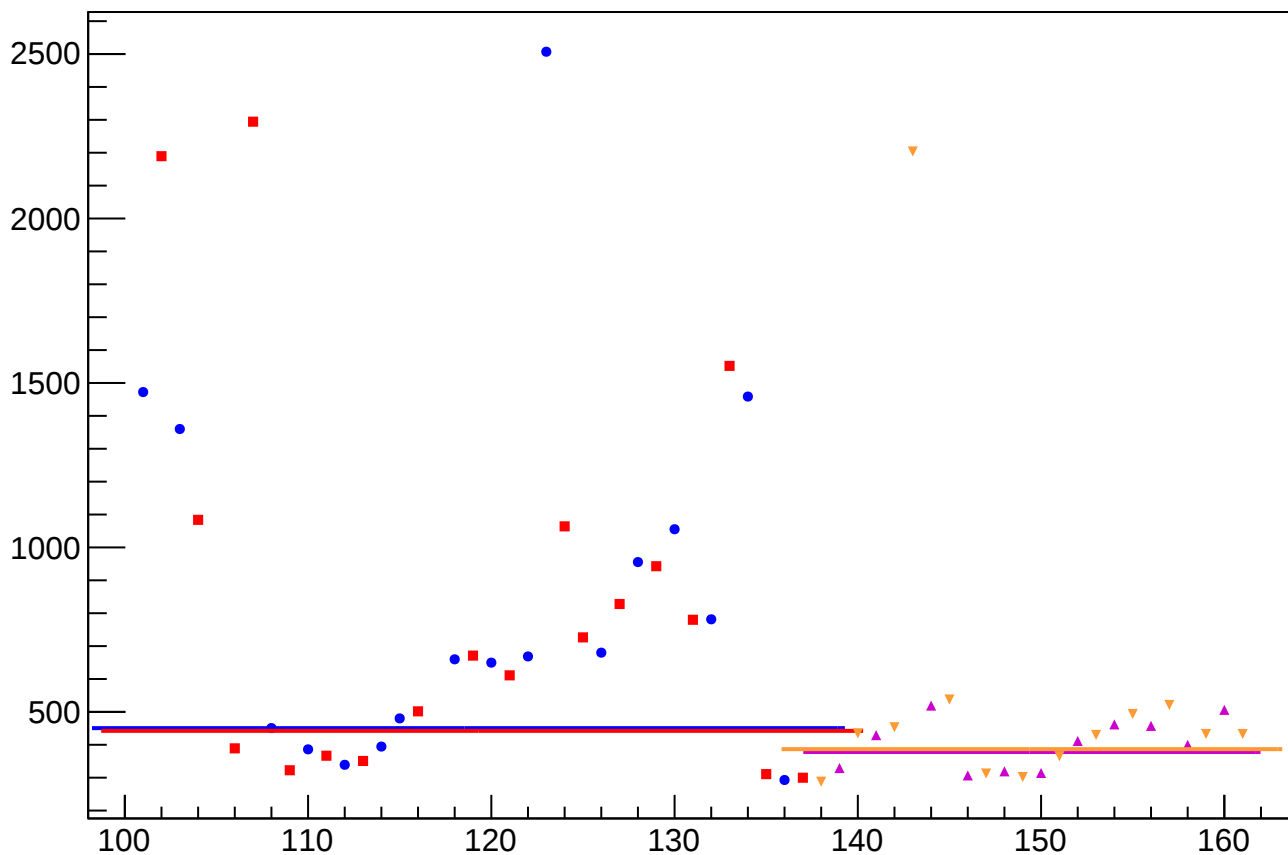
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 49.968+/-107.663 χ^2/NDF : 26.8/27

Out: -187.226+/-107.454 χ^2/NDF : 45.8/30

All: -68.860+/-76.055 χ^2/NDF : 75.0/58

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 386.723 $\pm$ 0.092 χ^2 /NDF:1822596.7/12

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

Left In: 378.020 $\pm$ 0.091 χ^2 /NDF:616326.7/10

Left: 382.329 $\pm$ 0.064 χ^2 /NDF: 2443482.5/23

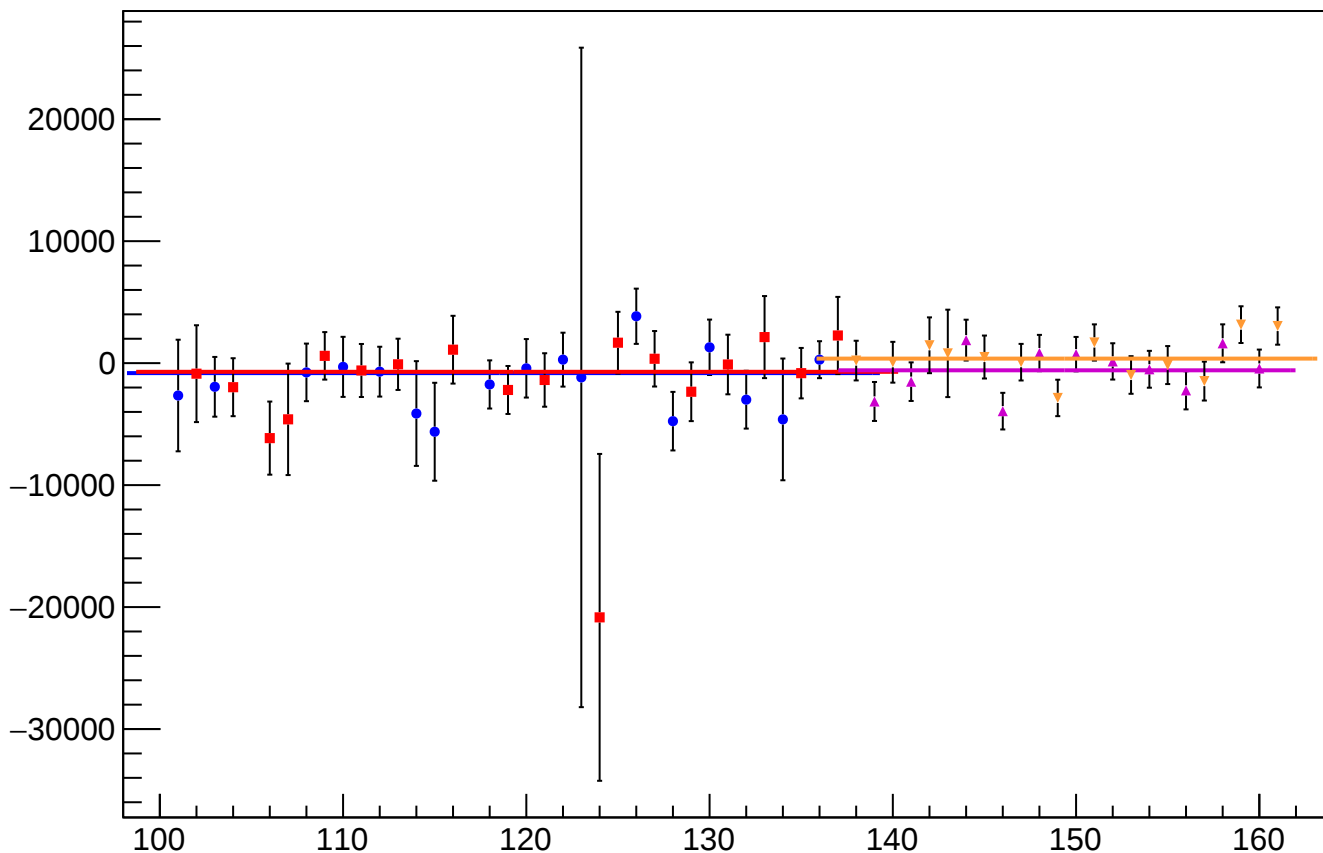
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 399.452 $\pm$ 0.076 χ^2 /NDF:3803183.9/27

Out: 404.063 $\pm$ 0.076 χ^2 /NDF:5305979.2/30

All: 401.762 $\pm$ 0.054 χ^2 /NDF: 9111001.3/58

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: 371.680+/-457.993 χ^2 /NDF:14.5/12

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

Left In: -587.989+/-462.561 χ^2 /NDF:15.2/10

Left: -103.393+/-325.453 χ^2 /NDF: 31.9/23

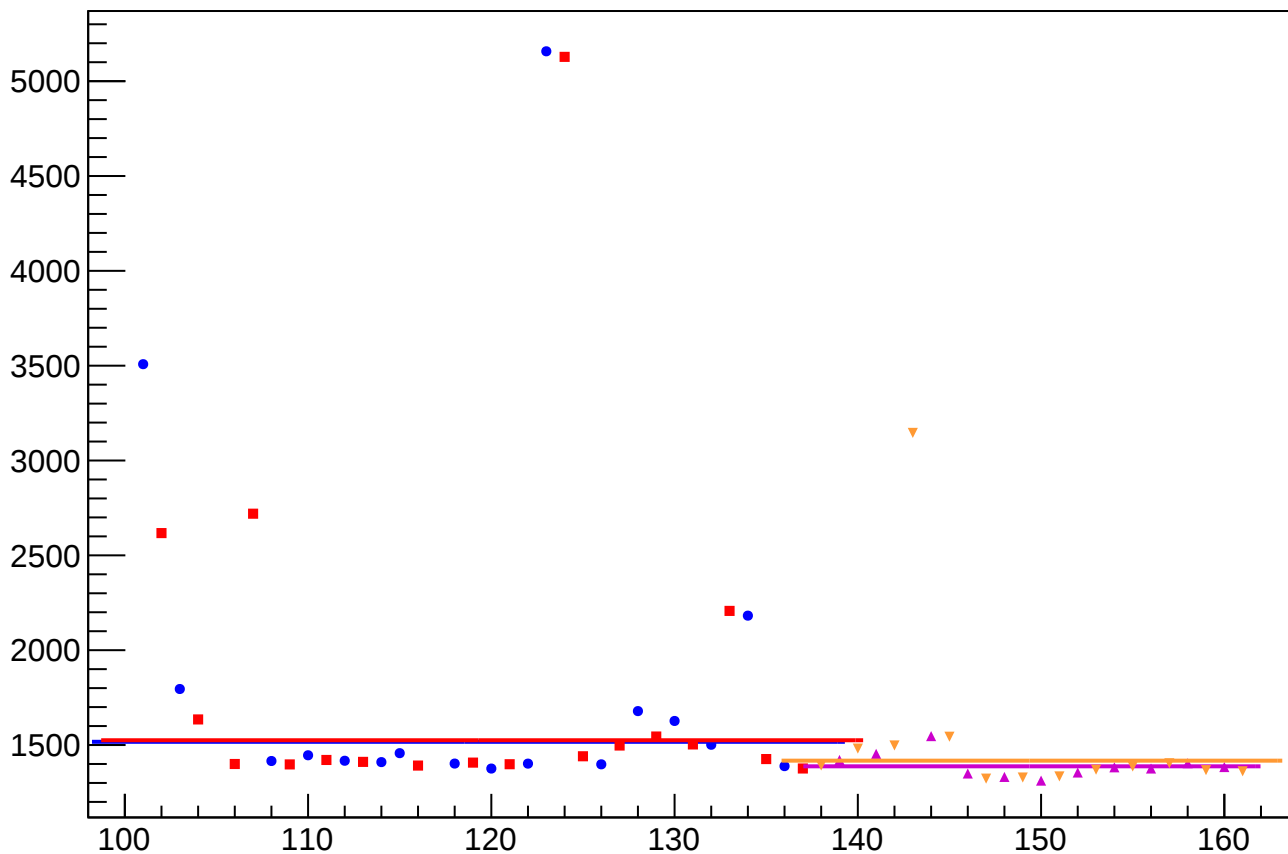
Right: -763.412+/-423.268 χ^2 /NDF: 24.1/34

In: -673.196+/-366.596 χ^2 /NDF:28.0/27

Out: -30.090+/-363.169 χ^2 /NDF:28.0/30

All: -348.623+/-258.002 χ^2 /NDF: 57.5/58

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1417.517+/-0.324 χ^2/NDF : 510218.7/12

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

Left In: 1387.671+/-0.327 χ^2/NDF : 33566.2/10

Left: 1402.742+/-0.230 χ^2/NDF : 547989.5/23

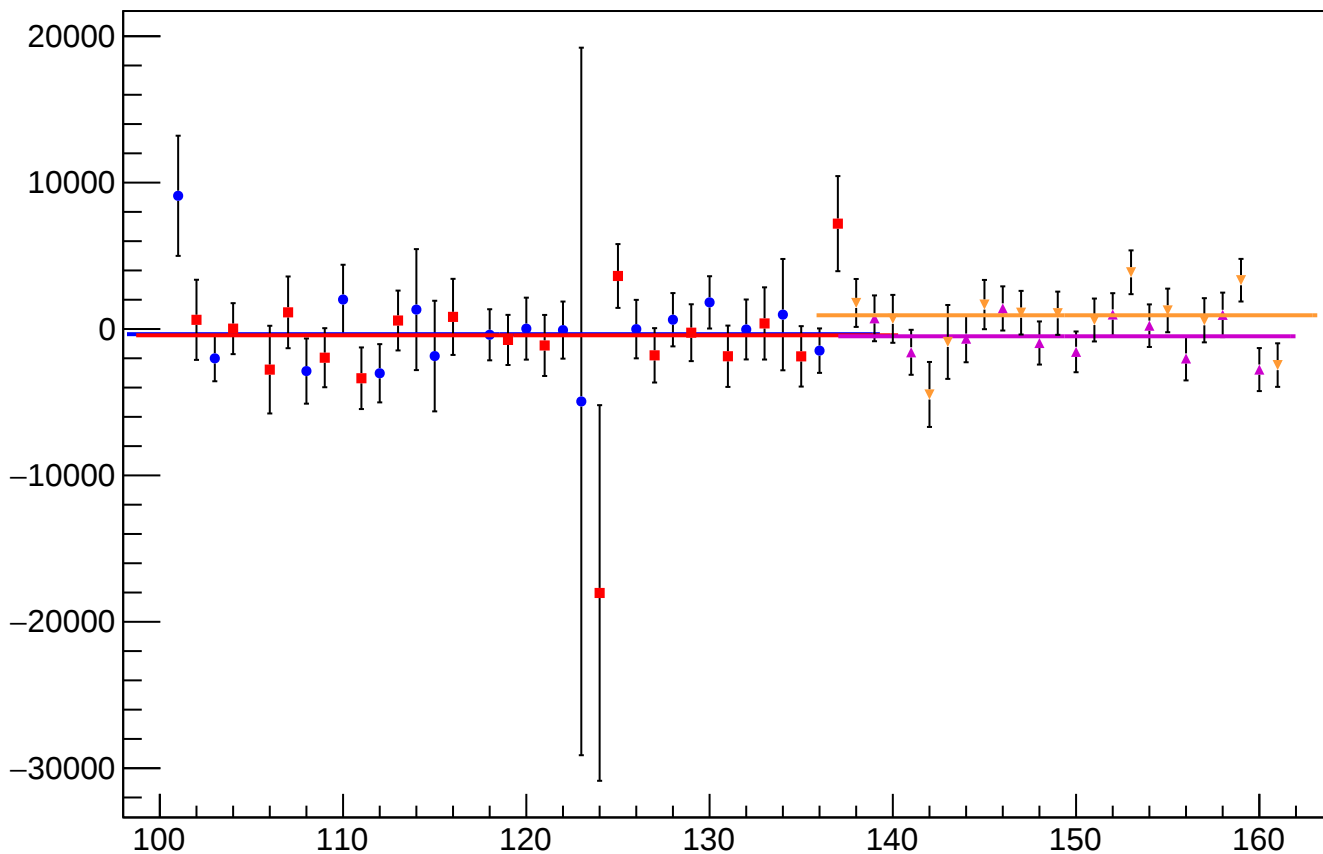
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1435.743+/-0.259 χ^2/NDF : 632690.0/27

Out: 1457.454+/-0.257 χ^2/NDF : 1123114.3/30

All: 1446.700+/-0.182 χ^2/NDF : 1759344.6/58

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 938.047 ± 442.953 $\chi^2/\text{NDF}: 18.9/12$

Right Out: -429.167 ± 522.342 $\chi^2/\text{NDF}: 16.8/17$

Left In: -496.399 ± 450.823 $\chi^2/\text{NDF}: 9.0/10$

Left: 233.453 ± 315.961 $\chi^2/\text{NDF}: 33.1/23$

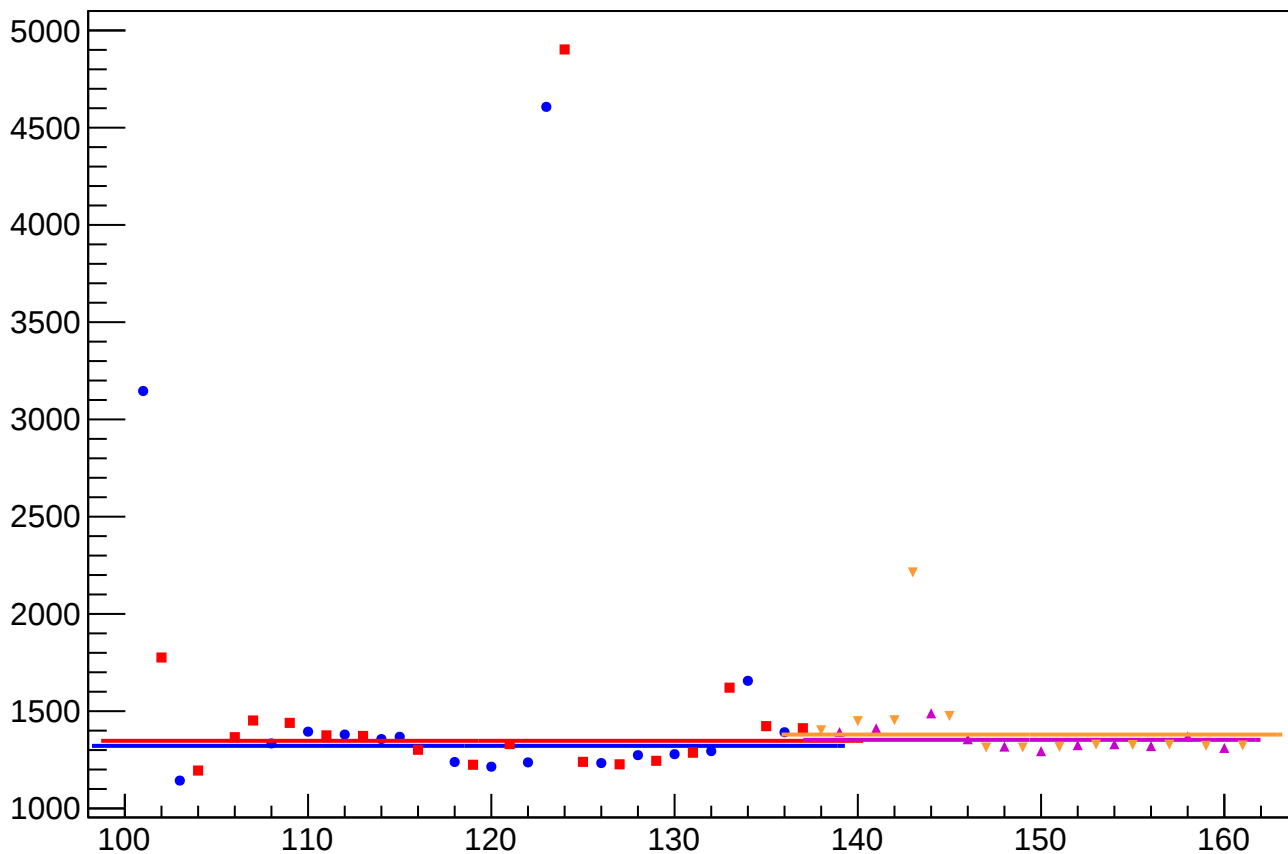
Right: -391.220 ± 369.698 $\chi^2/\text{NDF}: 30.3/34$

In: -435.369 ± 341.560 $\chi^2/\text{NDF}: 22.5/27$

Out: 366.128 ± 337.834 $\chi^2/\text{NDF}: 39.7/30$

All: -30.224 ± 240.191 $\chi^2/\text{NDF}: 65.0/58$

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: 1379.782+/-0.313 χ^2/NDF : 255962.2/12

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

Left In: 1352.614+/-0.319 χ^2/NDF : 27178.9/10

Left: 1366.438+/-0.223 χ^2/NDF : 286836.7/23

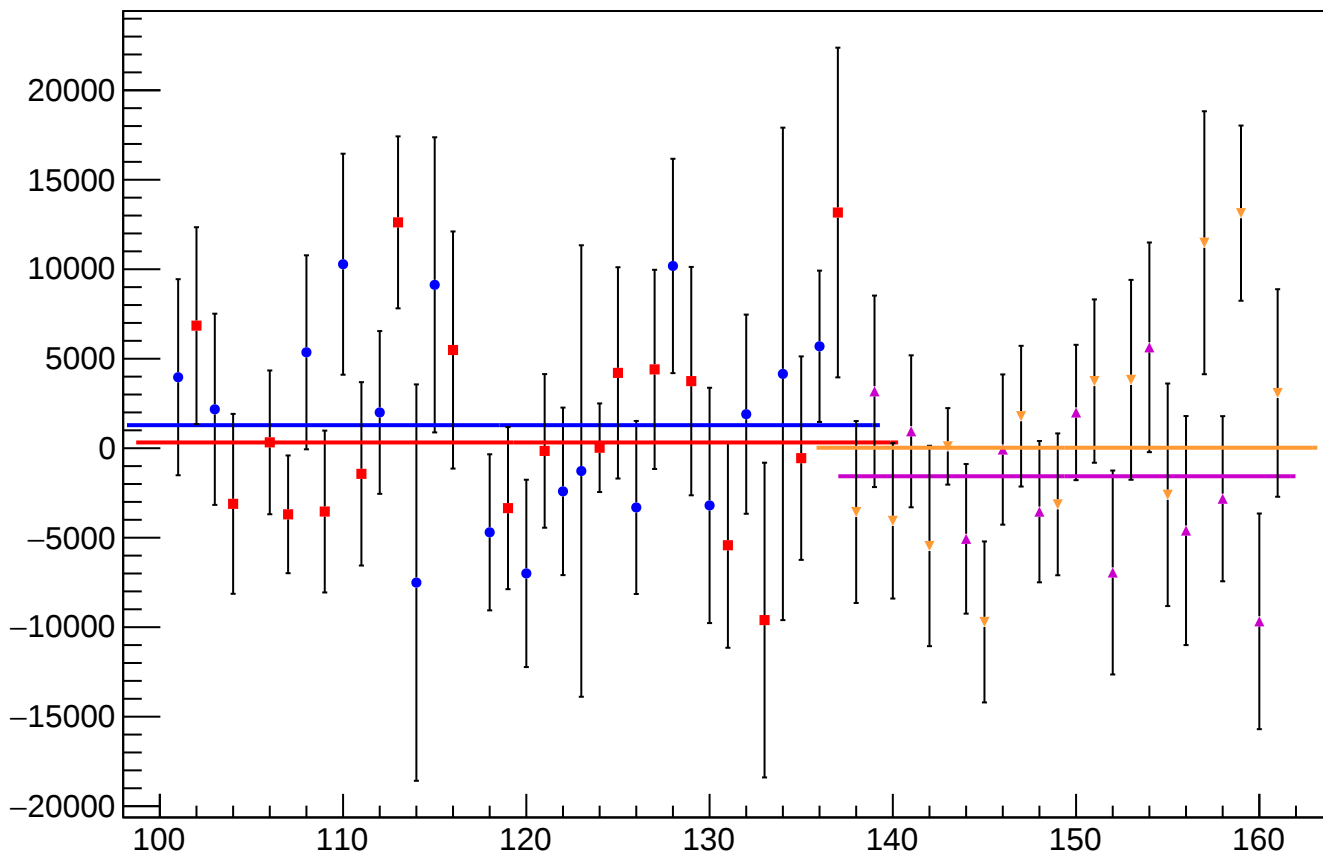
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1339.446+/-0.242 χ^2/NDF : 533430.2/27

Out: 1366.331+/-0.239 χ^2/NDF : 546669.8/30

All: 1353.039+/-0.170 χ^2/NDF : 1086364.7/58

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: 27.253+/-1181.581 χ^2/NDF : 19.1/12

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

Left In: -1566.792+/-1417.888 χ^2/NDF : 7.6/10

Left: -626.049+/-907.713 χ^2/NDF : 27.4/23

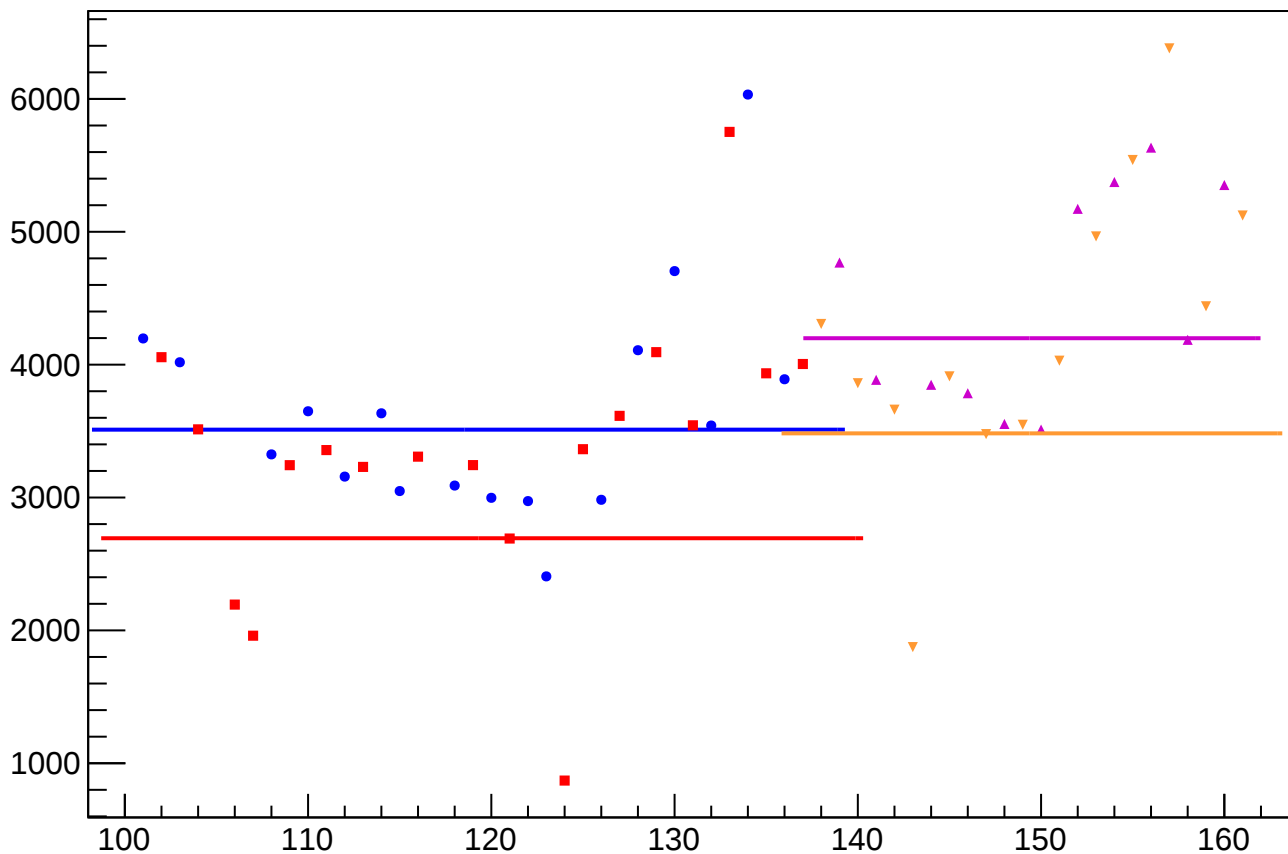
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: -96.712+/-987.401 χ^2/NDF : 24.0/27

Out: 184.148+/-807.295 χ^2/NDF : 36.6/30

All: 71.622+/-624.991 χ^2/NDF : 60.7/58

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: 3482.883 $\pm$ 0.836 χ^2 /NDF:2157073.5/12

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

Left In: 4199.019 $\pm$ 1.003 χ^2 /NDF:499422.2/10

Left: 3776.383 $\pm$ 0.642 χ^2 /NDF: 2957593.2/23

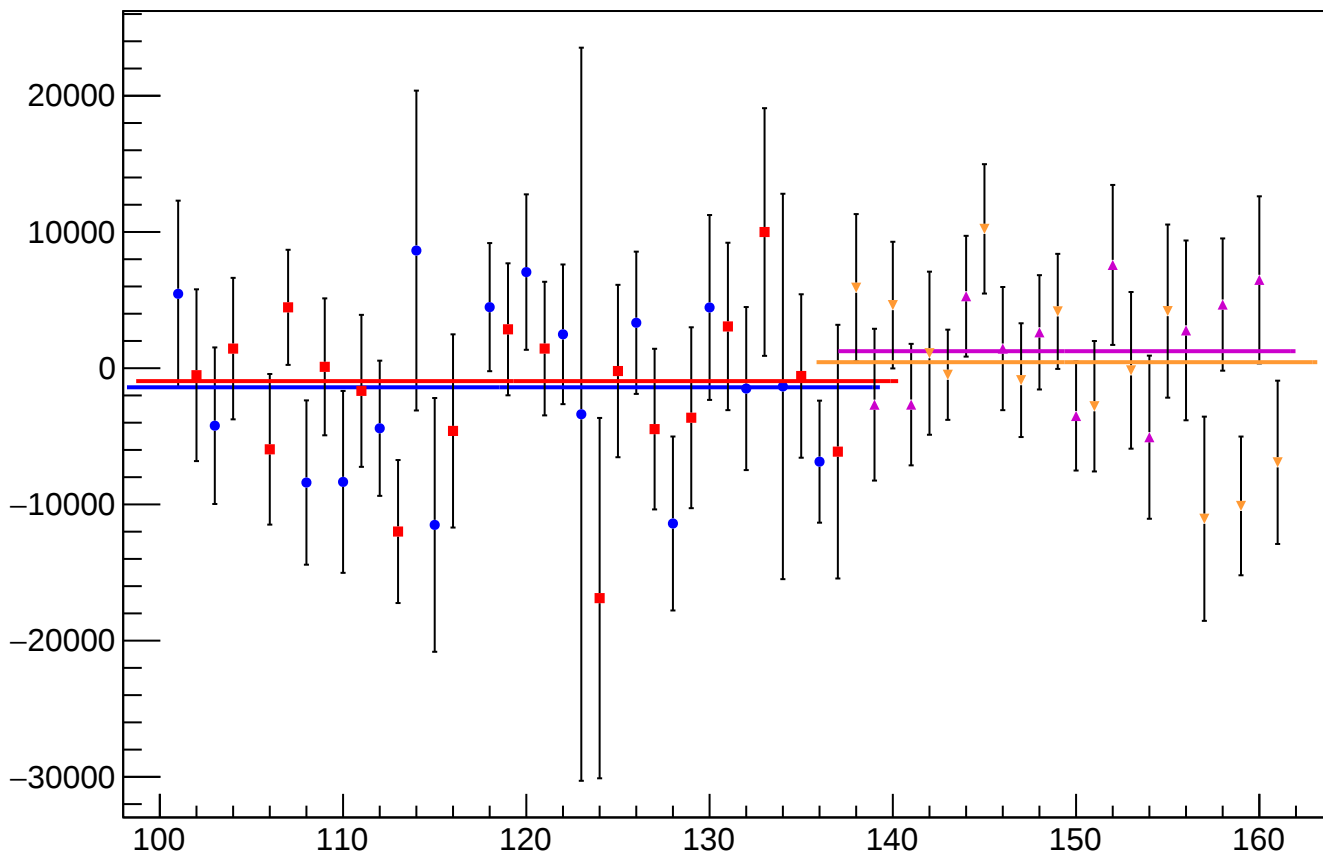
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3844.556 $\pm$ 0.698 χ^2 /NDF:1086162.2/27

Out: 3061.991 $\pm$ 0.571 χ^2 /NDF:4758863.7/30

All: 3375.522 $\pm$ 0.442 χ^2 /NDF: 6597977.3/58

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 441.899 ± 1360.578 $\chi^2/\text{NDF}: 16.0/12$

Right Out: -947.960 ± 1382.709 $\chi^2/\text{NDF}: 12.5/17$

Left In: 1248.496 ± 1490.146 $\chi^2/\text{NDF}: 7.2/10$

Left: 808.612 ± 1004.764 $\chi^2/\text{NDF}: 23.4/23$

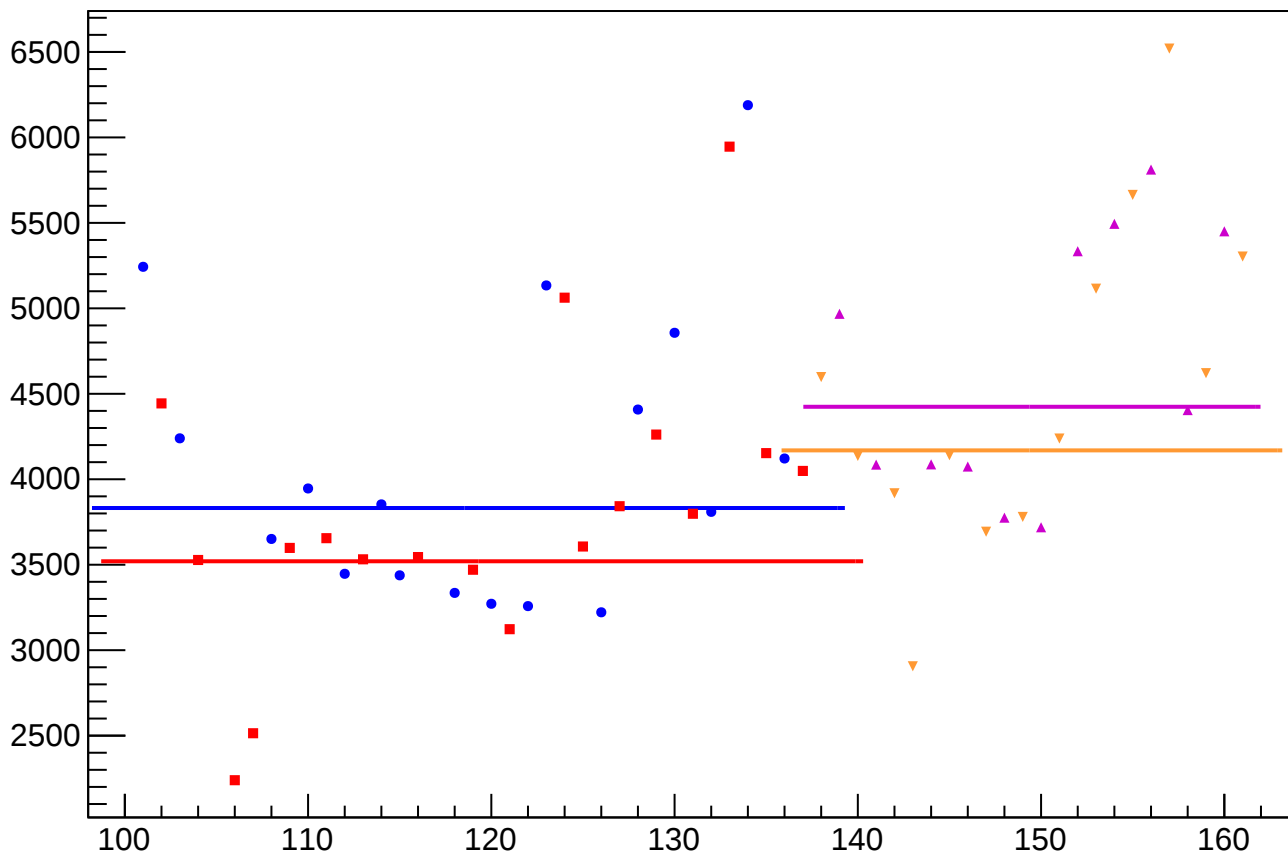
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -64.080 ± 1058.609 $\chi^2/\text{NDF}: 24.5/27$

Out: -241.819 ± 969.804 $\chi^2/\text{NDF}: 29.0/30$

All: -160.716 ± 715.092 $\chi^2/\text{NDF}: 53.5/58$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4168.993 $\pm$ 0.962 χ^2 /NDF: 799684.3/12

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

Left In: 4424.102 $\pm$ 1.054 χ^2 /NDF: 420363.3/10

Left: 4284.977 $\pm$ 0.710 χ^2 /NDF: 1252014.9/23

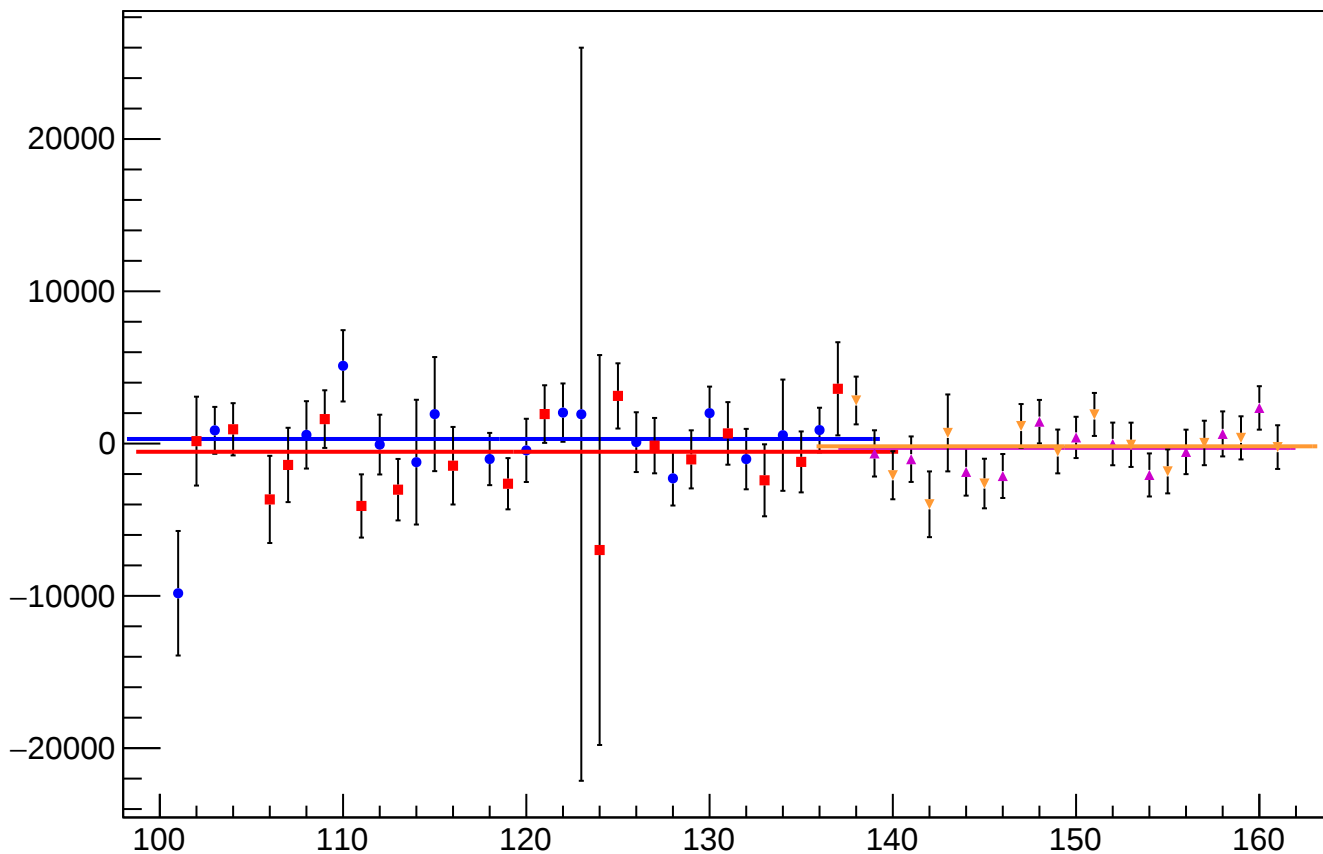
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4130.722 $\pm$ 0.749 χ^2 /NDF: 914576.9/27

Out: 3846.847 $\pm$ 0.683 χ^2 /NDF: 1569641.9/30

All: 3975.743 $\pm$ 0.504 χ^2 /NDF: 2562737.5/58

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: -179.925 ± 429.233 $\chi^2/\text{NDF}: 15.2/12$

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

Left In: -278.077 ± 437.025 $\chi^2/\text{NDF}: 10.1/10$

Left: -228.118 ± 306.231 $\chi^2/\text{NDF}: 25.3/23$

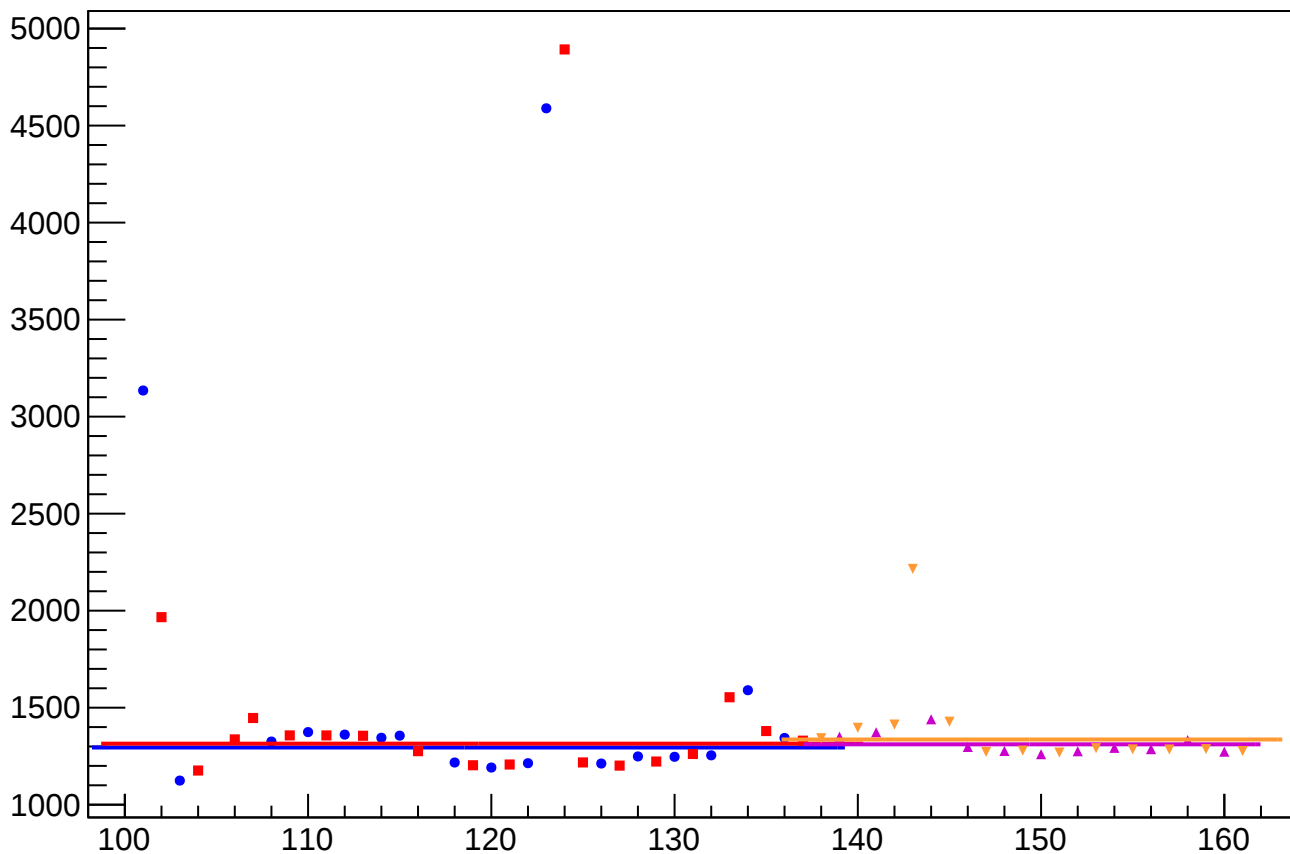
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -34.055 ± 332.629 $\chi^2/\text{NDF}: 26.9/27$

Out: -328.732 ± 328.049 $\chi^2/\text{NDF}: 33.0/30$

All: -183.436 ± 233.568 $\chi^2/\text{NDF}: 60.3/58$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1336.085 $\pm$ 0.304 χ^2 /NDF: 278581.8/12

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

Left In: 1311.103 $\pm$ 0.309 χ^2 /NDF: 26706.2/10

Left: 1323.819 $\pm$ 0.217 χ^2 /NDF: 308614.5/23

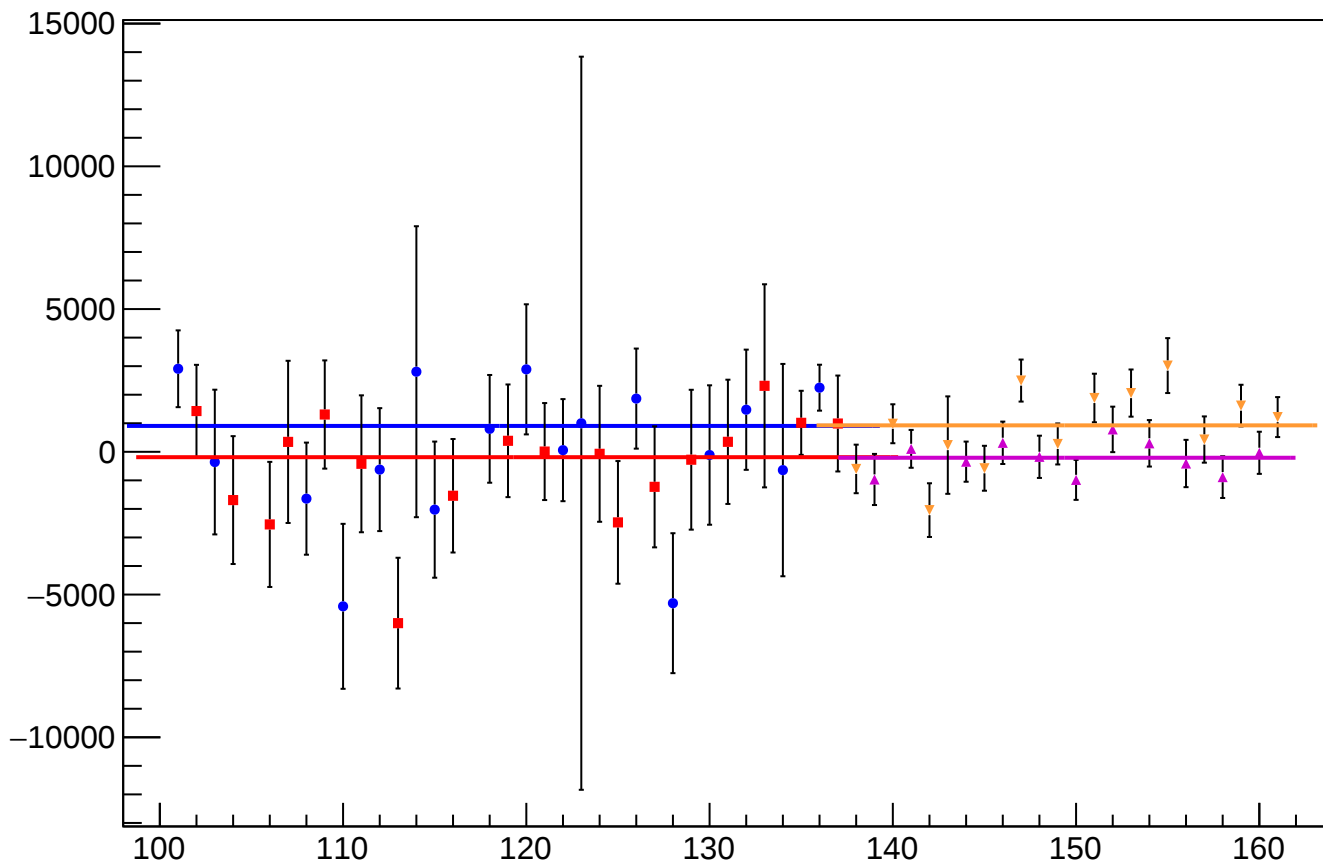
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1304.215 $\pm$ 0.235 χ^2 /NDF: 535691.2/27

Out: 1327.145 $\pm$ 0.232 χ^2 /NDF: 614506.7/30

All: 1315.839 $\pm$ 0.165 χ^2 /NDF: 1155016.0/58

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Left: 363.559 $\pm$ 159.624 χ^2/NDF : 49.9/23

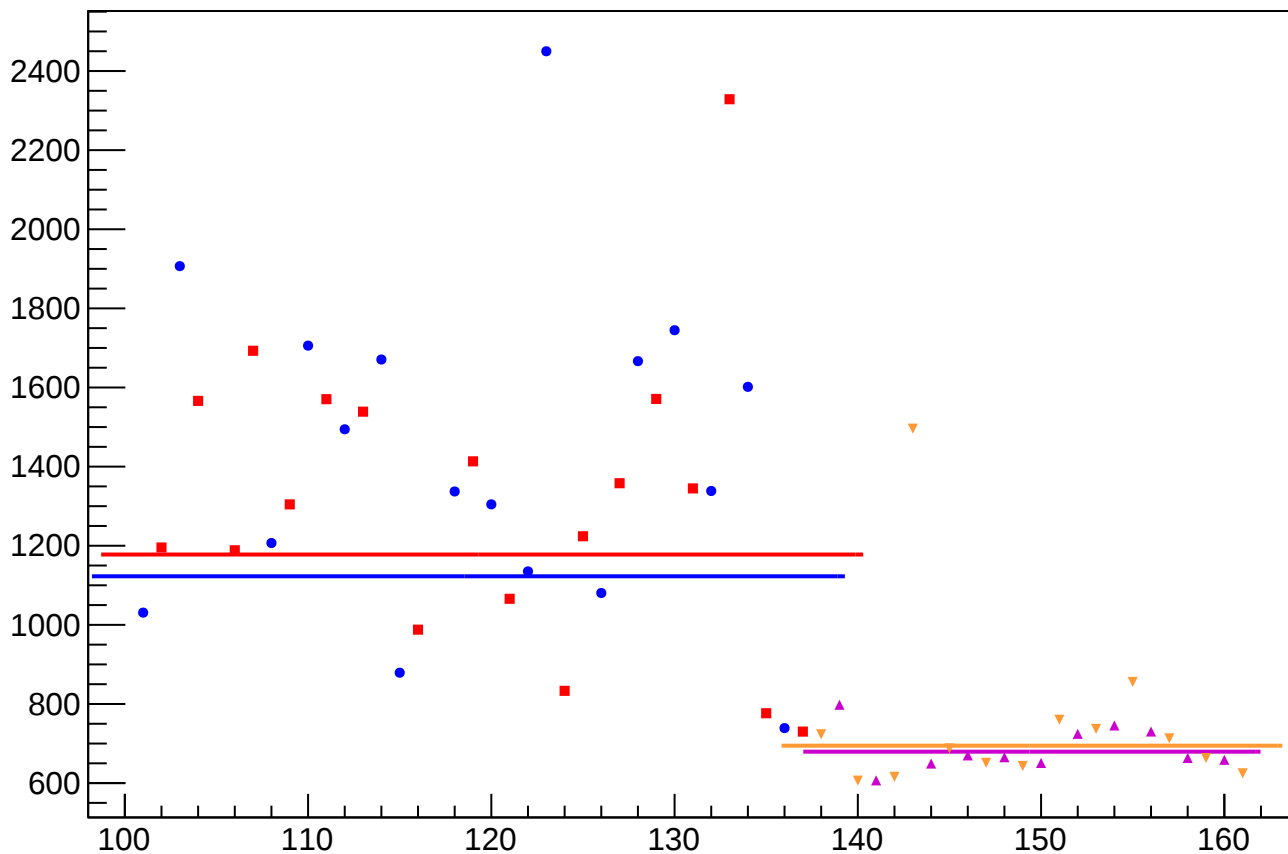
Right: 369.604 $\pm$ 325.359 χ^2/NDF : 38.7/34

In: 12.771 $\pm$ 202.916 χ^2/NDF : 32.4/27

Out: 714.965 $\pm$ 202.417 χ^2/NDF : 50.2/30

All: 364.732 $\pm$ 143.306 χ^2/NDF : 88.6/58

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 694.589+/-0.159 χ^2/NDF :605930.6/12

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

Left In: 679.403+/-0.160 χ^2/NDF :96765.5/10

Left: 687.053+/-0.113 χ^2/NDF : 707221.4/23

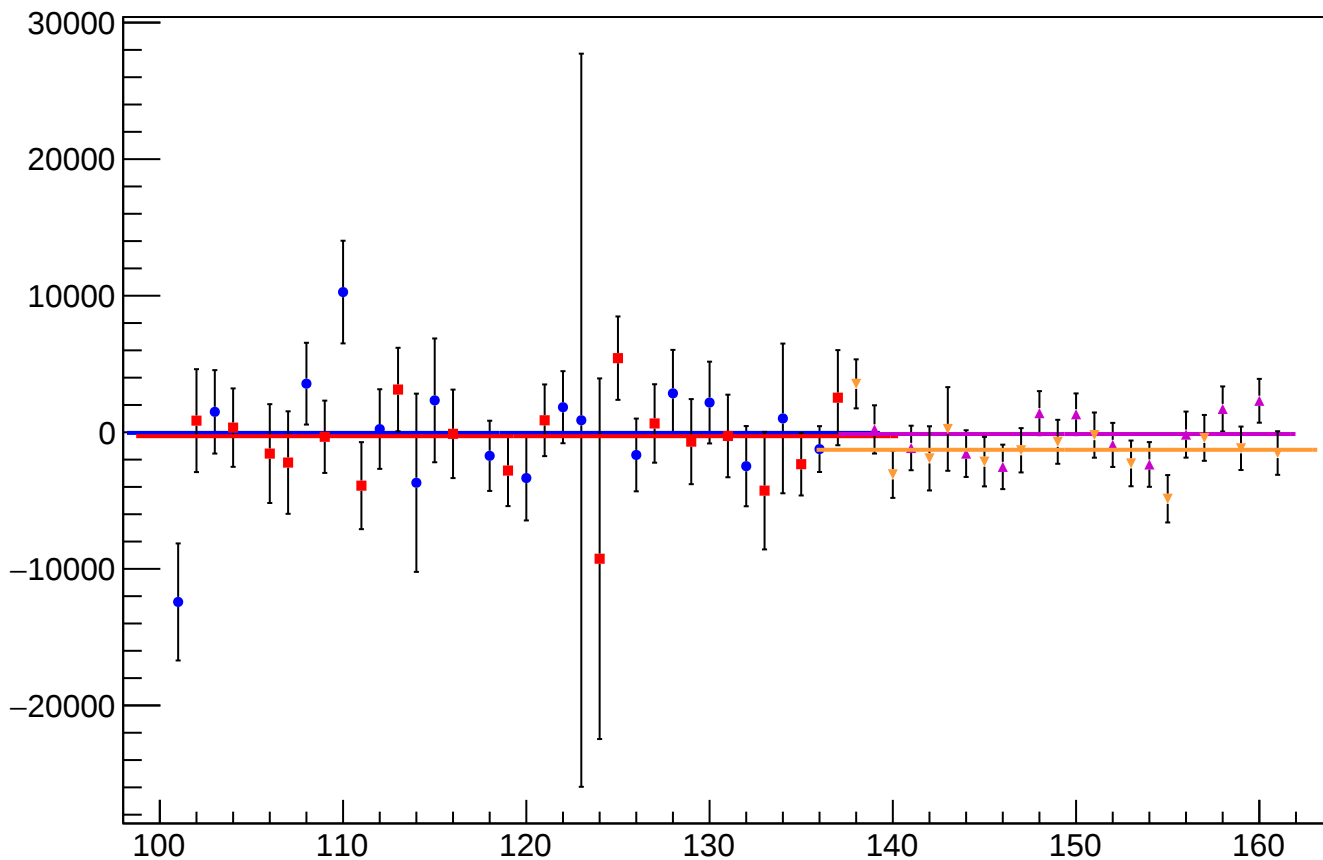
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 767.259+/-0.143 χ^2/NDF :2801913.6/27

Out: 786.335+/-0.143 χ^2/NDF :3380772.5/30

All: 776.820+/-0.101 χ^2/NDF : 6191545.6/58

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: -1281.540 ± 487.913 $\chi^2/\text{NDF}: 14.3/12$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

Left In: -126.960 ± 494.246 $\chi^2/\text{NDF}: 10.7/10$

Left: -711.695 ± 347.224 $\chi^2/\text{NDF}: 27.9/23$

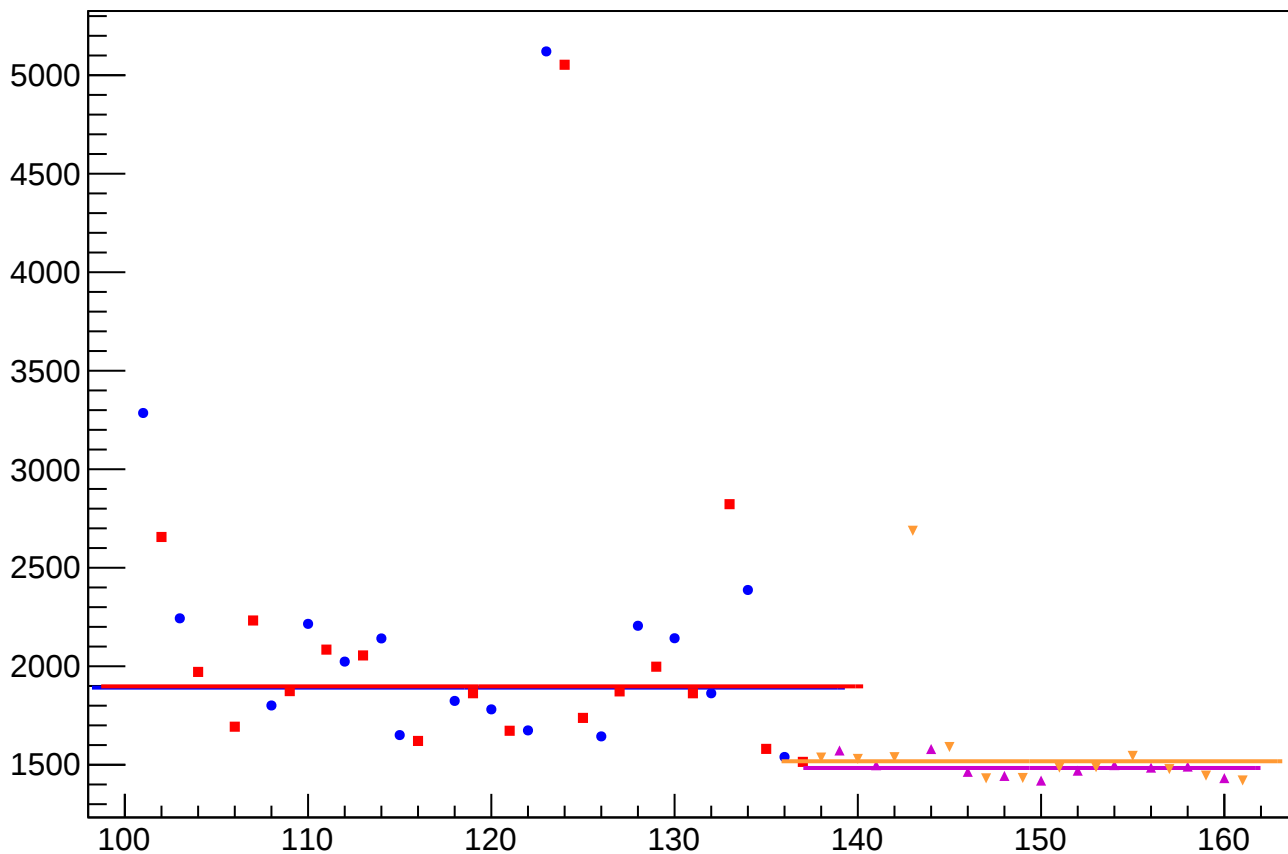
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

In: -101.840 ± 412.290 $\chi^2/\text{NDF}: 34.0/27$

Out: -977.061 ± 406.566 $\chi^2/\text{NDF}: 26.2/30$

All: -545.568 ± 289.488 $\chi^2/\text{NDF}: 62.5/58$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1517.834+/-0.345 χ^2/NDF : 321483.5/12

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1483.753+/-0.349 χ^2/NDF : 18982.1/10

Left: 1501.013+/-0.246 χ^2/NDF : 345281.9/23

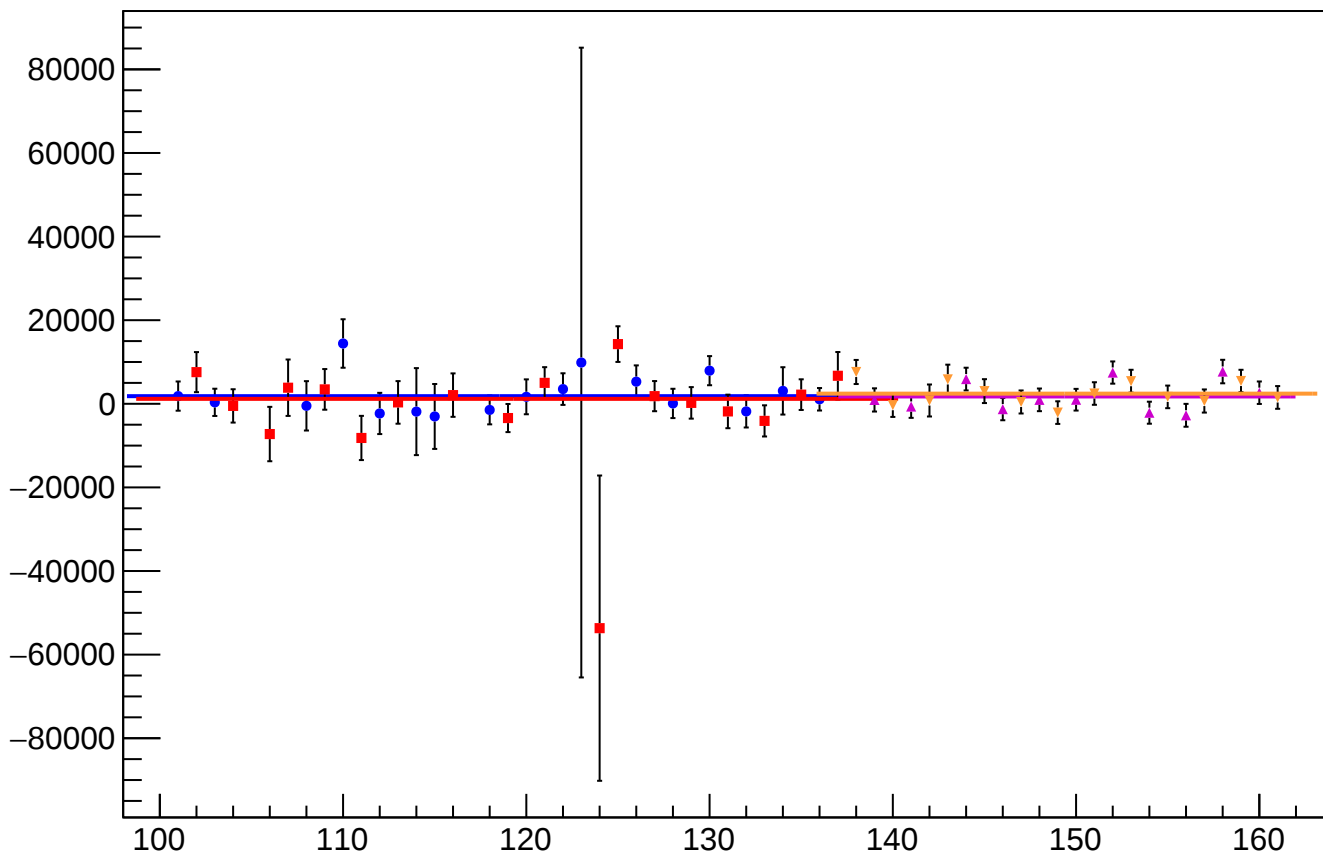
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1607.819+/-0.292 χ^2/NDF : 902419.8/27

Out: 1634.038+/-0.287 χ^2/NDF : 1116327.7/30

All: 1621.112+/-0.205 χ^2/NDF : 2022847.9/58

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2428.369 $\pm$ 790.384 χ^2 /NDF:11.8/12

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1753.172 $\pm$ 813.075 χ^2 /NDF:18.8/10

Left: 2100.323 $\pm$ 566.738 χ^2 /NDF: 31.0/23

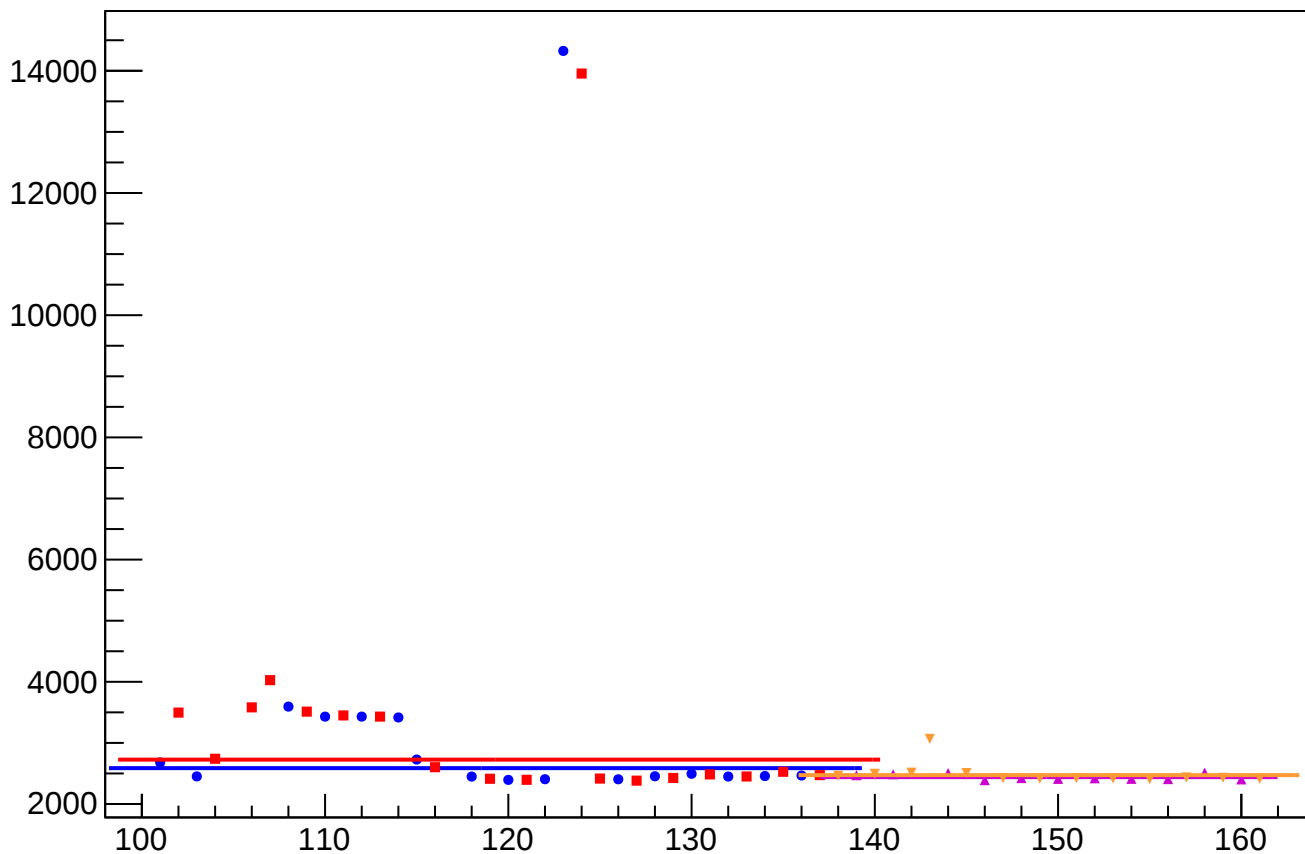
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1781.428 $\pm$ 633.391 χ^2 /NDF:31.4/27

Out: 1977.824 $\pm$ 631.457 χ^2 /NDF:38.1/30

All: 1879.926 $\pm$ 447.190 χ^2 /NDF: 69.6/58

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2472.632+/-0.559 χ^2/NDF : 63303.9/12

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2439.818+/-0.575 χ^2/NDF : 5421.1/10

Left: 2456.689+/-0.401 χ^2/NDF : 70400.0/23

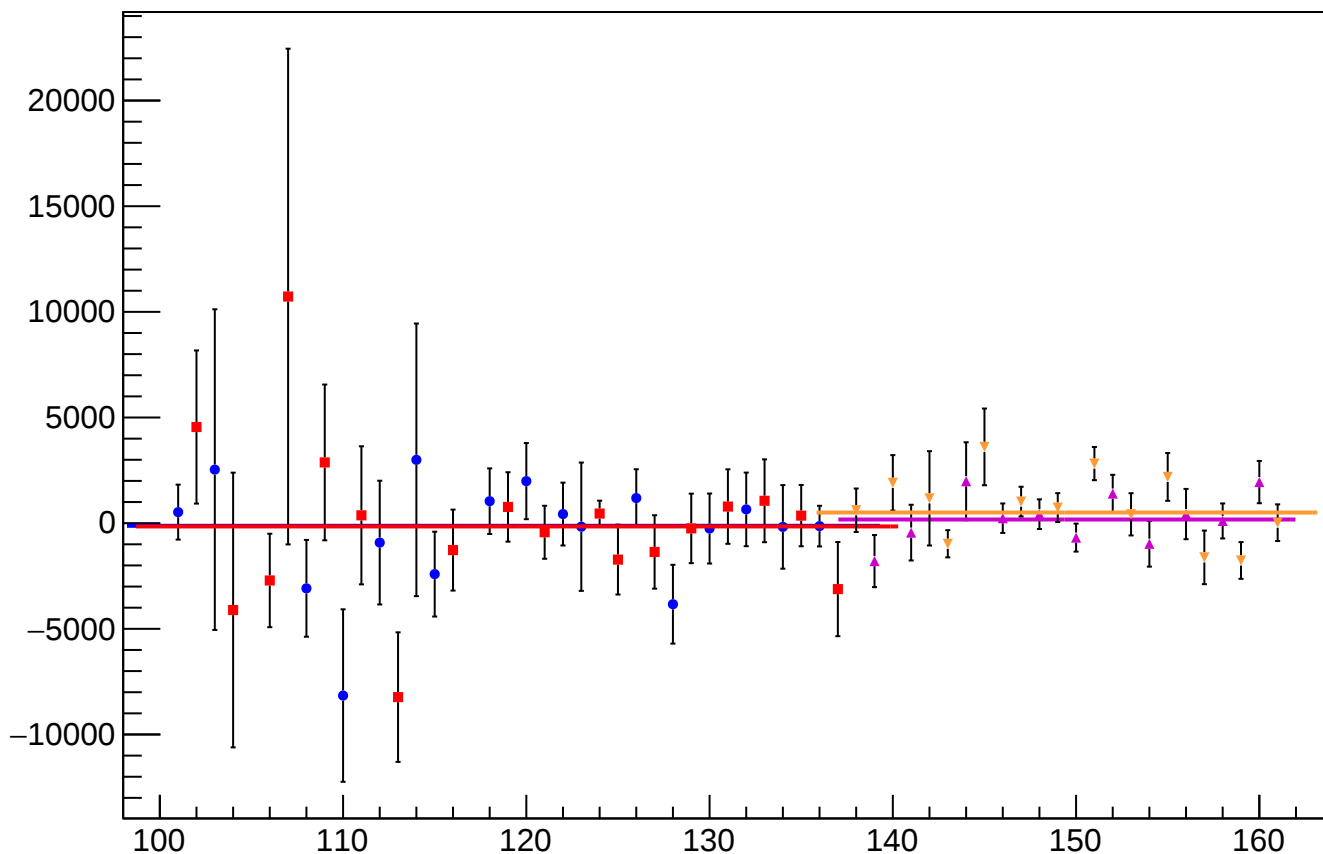
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2497.674+/-0.448 χ^2/NDF : 285291.6/27

Out: 2564.446+/-0.447 χ^2/NDF : 718763.4/30

All: 2531.162+/-0.316 χ^2/NDF : 1015202.2/58

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 $\chi^2/\text{NDF}: 14.7/16$

Left Out: 504.141 ± 255.707 $\chi^2/\text{NDF}: 31.0/12$

Right Out: -154.579 ± 380.922 $\chi^2/\text{NDF}: 17.6/17$

Left In: 173.278 ± 275.344 $\chi^2/\text{NDF}: 11.8/10$

Left: 350.928 ± 187.370 $\chi^2/\text{NDF}: 43.5/23$

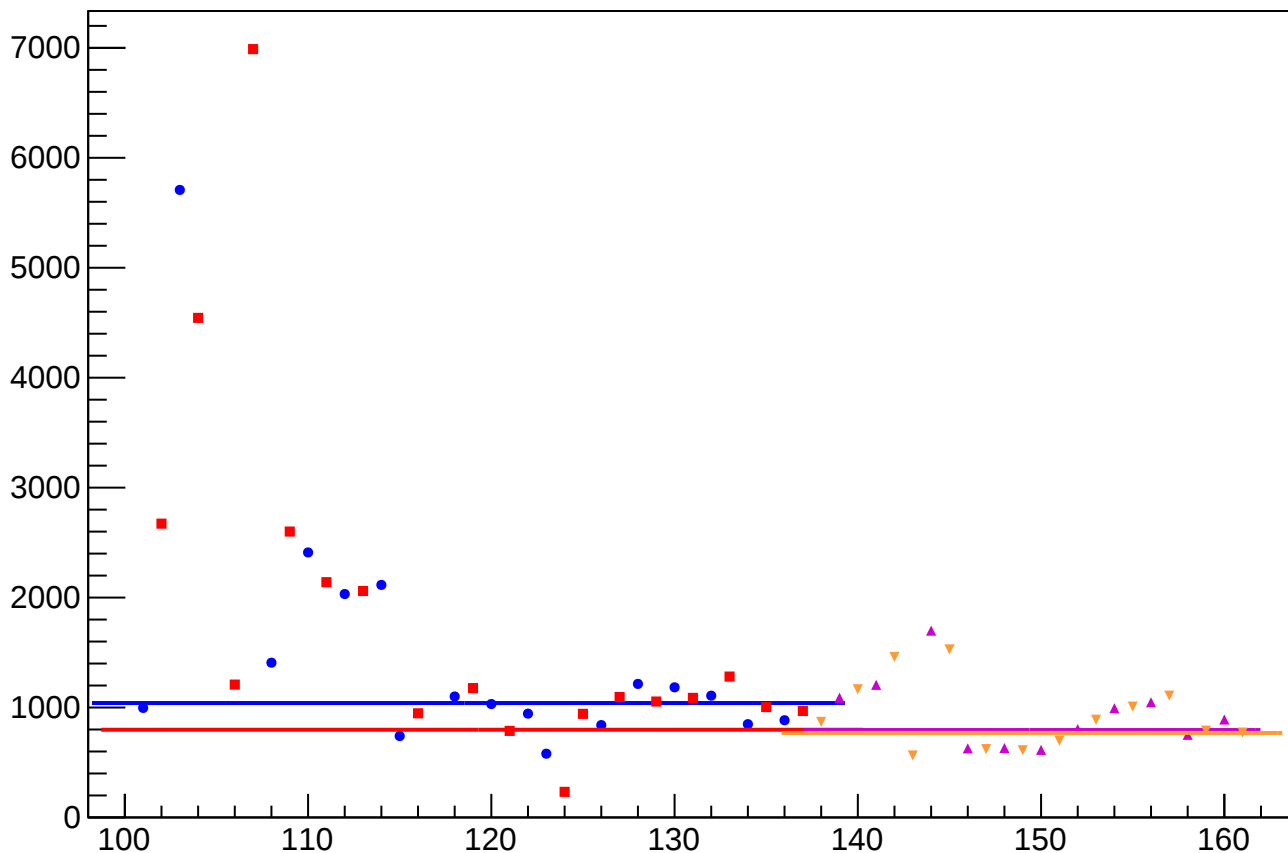
Right: -141.367 ± 285.354 $\chi^2/\text{NDF}: 32.3/34$

In: 86.911 ± 231.998 $\chi^2/\text{NDF}: 26.8/27$

Out: 299.516 ± 212.307 $\chi^2/\text{NDF}: 50.6/30$

All: 202.617 ± 156.623 $\chi^2/\text{NDF}: 77.8/58$

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 768.712+/-0.181 χ^2/NDF : 1420689.8/12

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 795.146+/-0.195 χ^2/NDF : 1341835.2/10

Left: 780.953+/-0.132 χ^2/NDF : 2772422.4/23

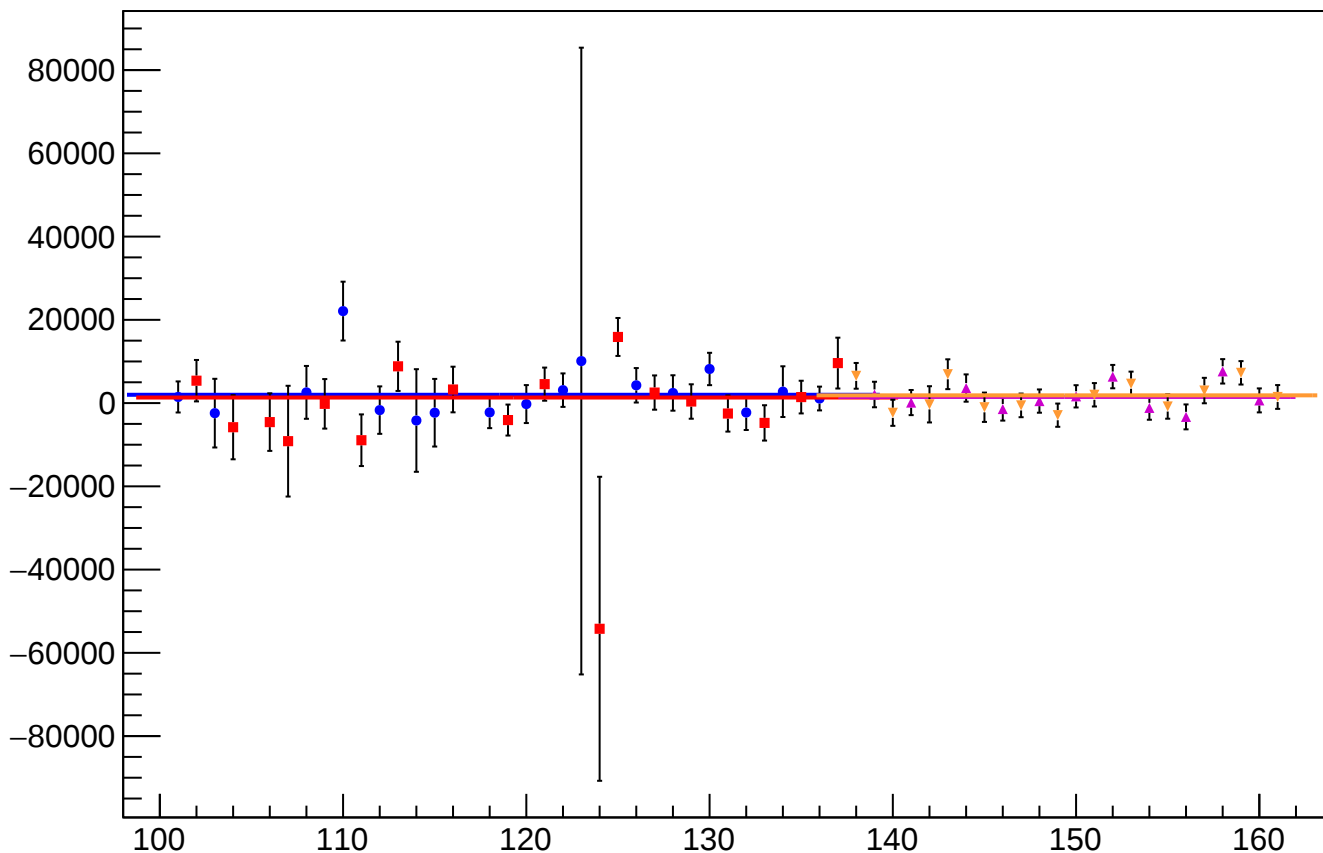
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 866.391+/-0.164 χ^2/NDF : 3376487.0/27

Out: 777.727+/-0.150 χ^2/NDF : 6603023.4/30

All: 818.137+/-0.111 χ^2/NDF : 10138488.5/58

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1861.142+/-849.390 χ^2/NDF :16.2/12

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1481.629+/-875.626 χ^2/NDF :12.8/10

Left: 1677.156+/-609.674 χ^2/NDF : 29.1/23

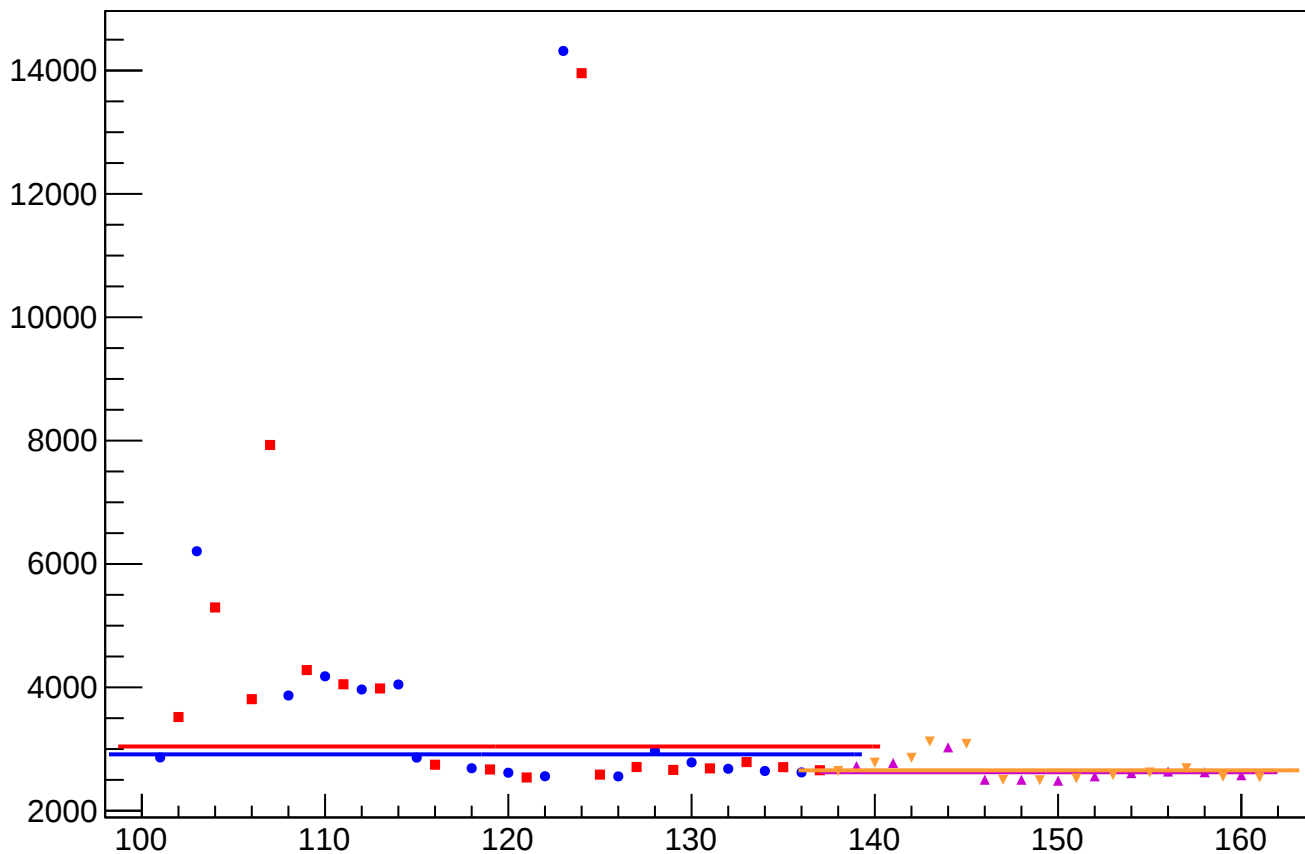
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1669.447+/-697.785 χ^2/NDF :27.9/27

Out: 1684.843+/-692.074 χ^2/NDF :43.8/30

All: 1677.208+/-491.377 χ^2/NDF : 71.7/58

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2654.618+/-0.601 χ^2/NDF : 95618.1/12

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2623.786+/-0.619 χ^2/NDF : 51996.1/10

Left: 2639.671+/-0.431 χ^2/NDF : 148891.7/23

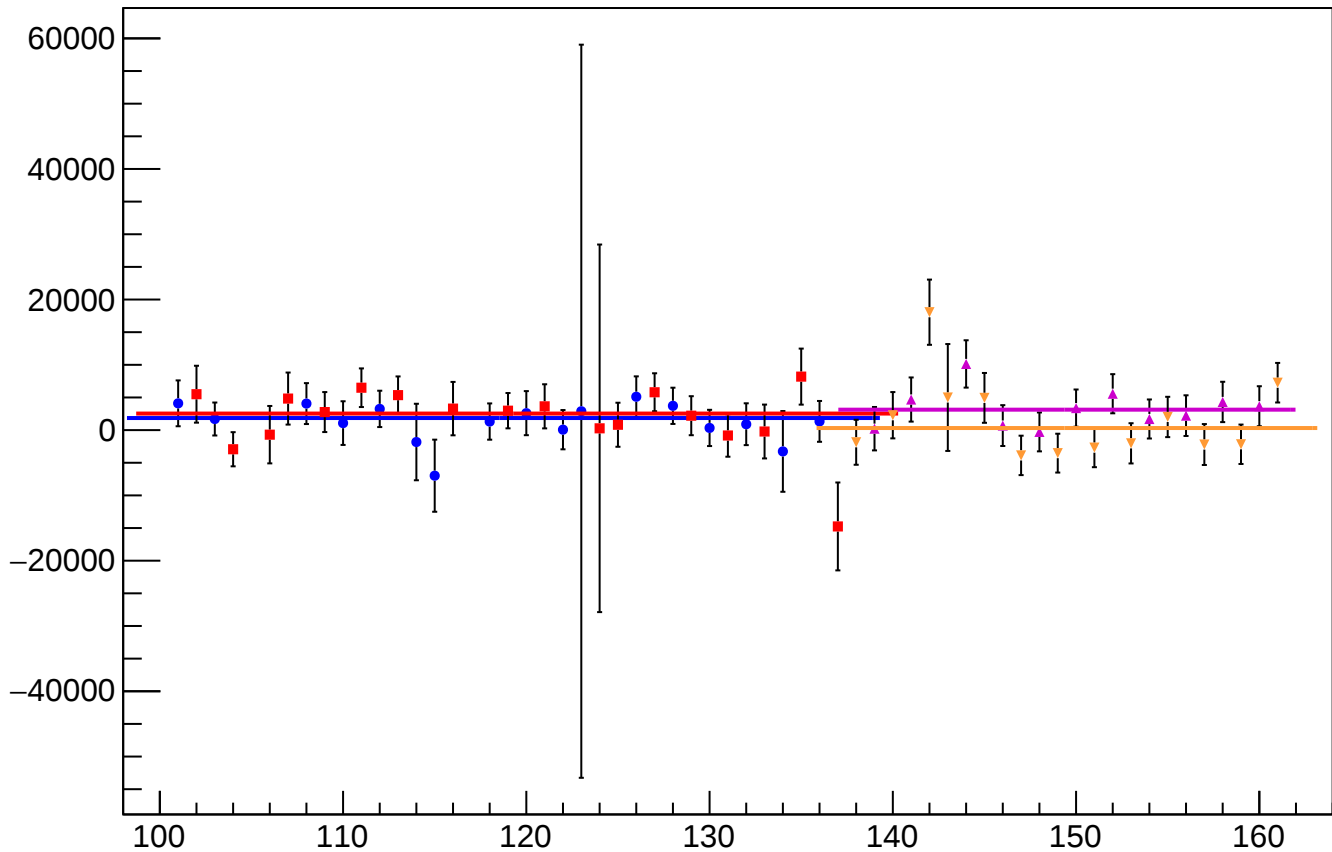
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2729.655+/-0.493 χ^2/NDF : 771092.0/27

Out: 2784.565+/-0.489 χ^2/NDF : 1238470.1/30

All: 2757.336+/-0.347 χ^2/NDF : 2015805.3/58

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093±/806.760 χ^2/NDF : 7.3/16

Left Out: 317.629±/931.611 χ^2/NDF :27.2/12

Right Out: 2535.163±/819.322 χ^2/NDF : 20.0/17

Left In: 3131.312±/940.899 χ^2/NDF :7.8/10

Left: 1710.515±/662.008 χ^2/NDF : 39.5/23

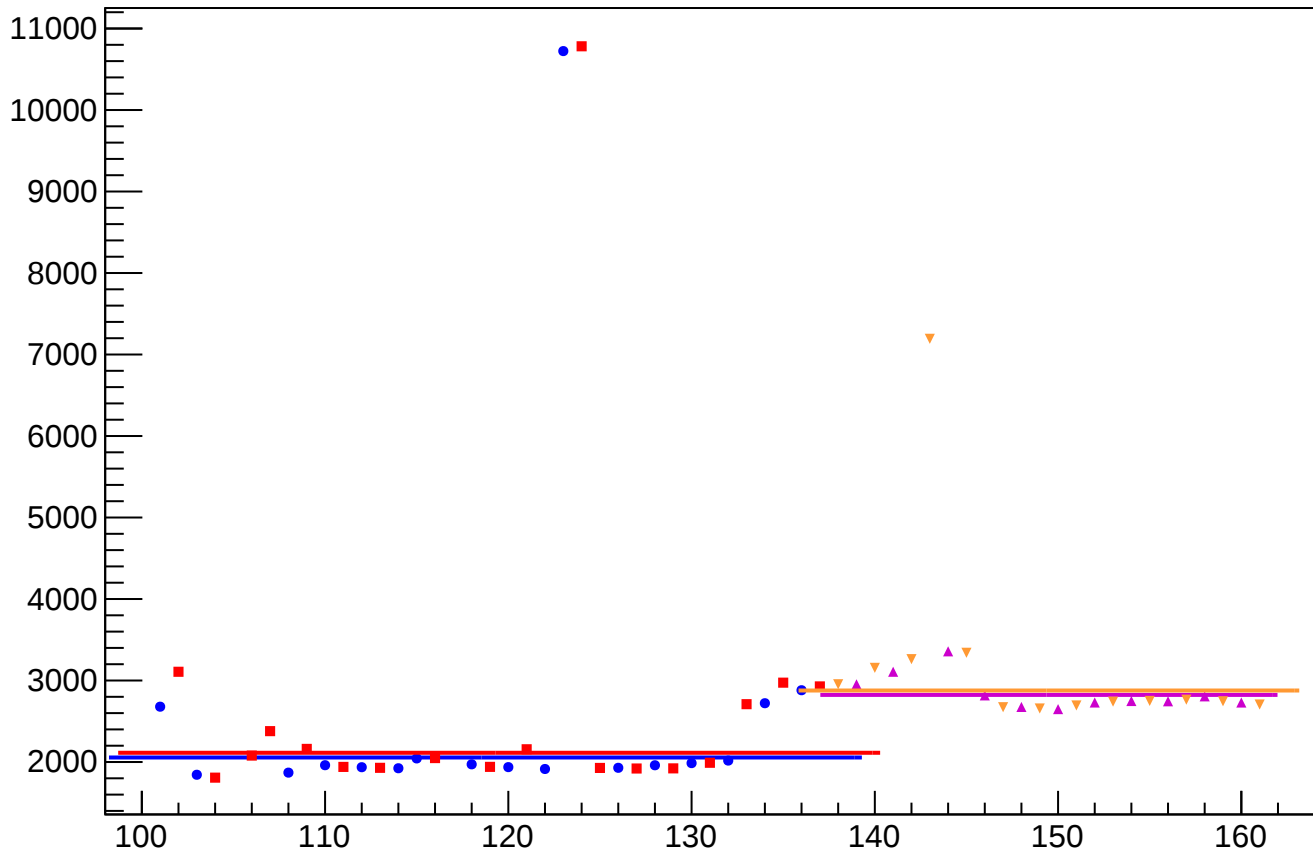
Right: 2187.336±/574.855 χ^2/NDF : 27.6/34

In: 2392.940±/612.449 χ^2/NDF :16.1/27

Out: 1568.026±/615.239 χ^2/NDF :50.4/30

All: 1982.358±/434.050 χ^2/NDF : 67.4/58

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2 /NDF: 316383.7/16

Left Out: 2877.308 $\pm$ 0.659 χ^2 /NDF: 658161.2/12

Right Out: 2113.304 $\pm$ 0.578 χ^2 /NDF: 532006.4/17

Left In: 2823.355 $\pm$ 0.665 χ^2 /NDF: 79481.5/10

Left: 2850.599 $\pm$ 0.468 χ^2 /NDF: 740963.4/23

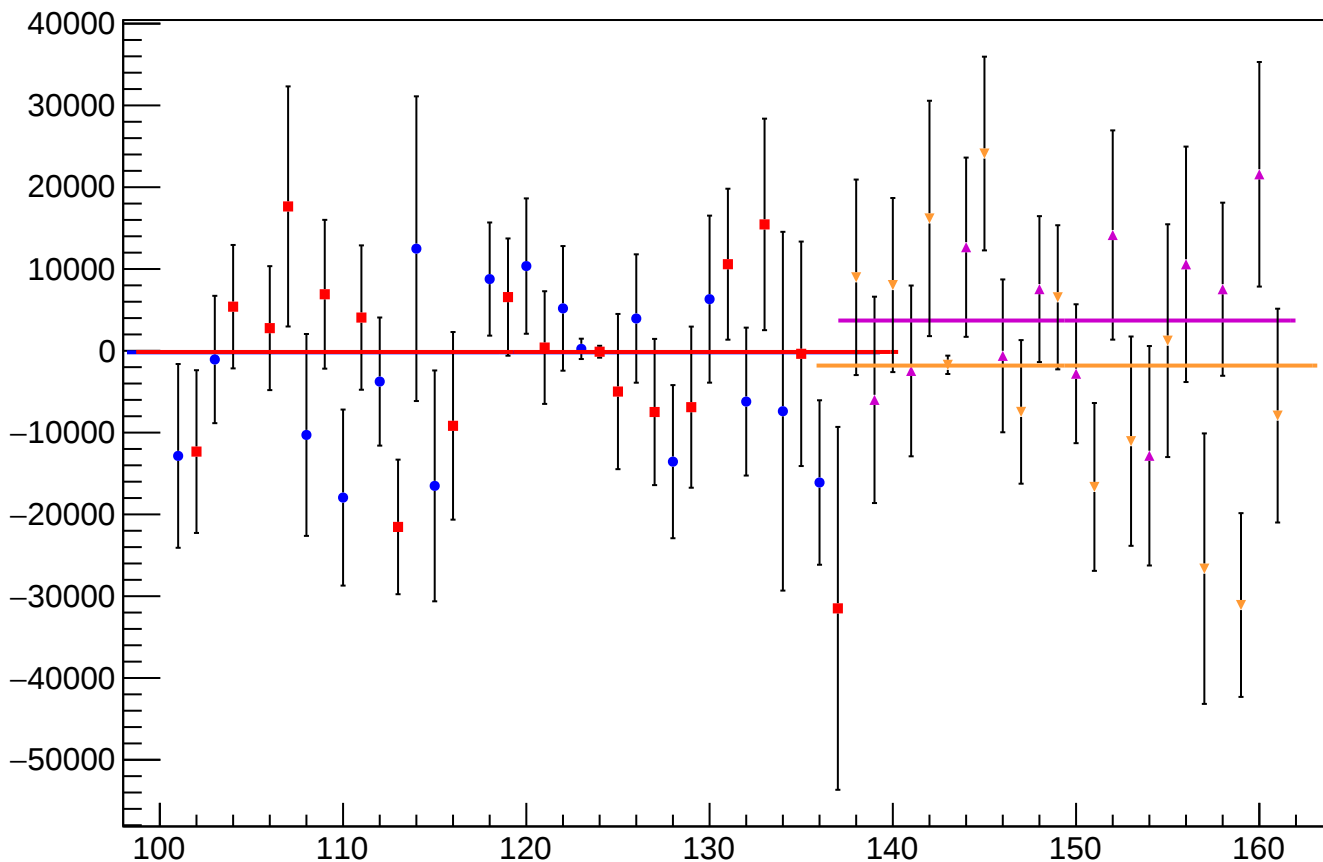
Right: 2083.972 $\pm$ 0.406 χ^2 /NDF: 853461.4/34

In: 2380.806 $\pm$ 0.433 χ^2 /NDF: 1163605.9/27

Out: 2445.946 $\pm$ 0.435 χ^2 /NDF: 1949615.8/30

All: 2413.255 $\pm$ 0.307 χ^2 /NDF: 3124492.1/58

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1804.766+/-1062.624 χ^2/NDF : 21.3/12

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

Left In: 3701.548+/-3289.506 χ^2/NDF : 6.8/10

Left: -1284.469+/-1011.174 χ^2/NDF : 30.6/23

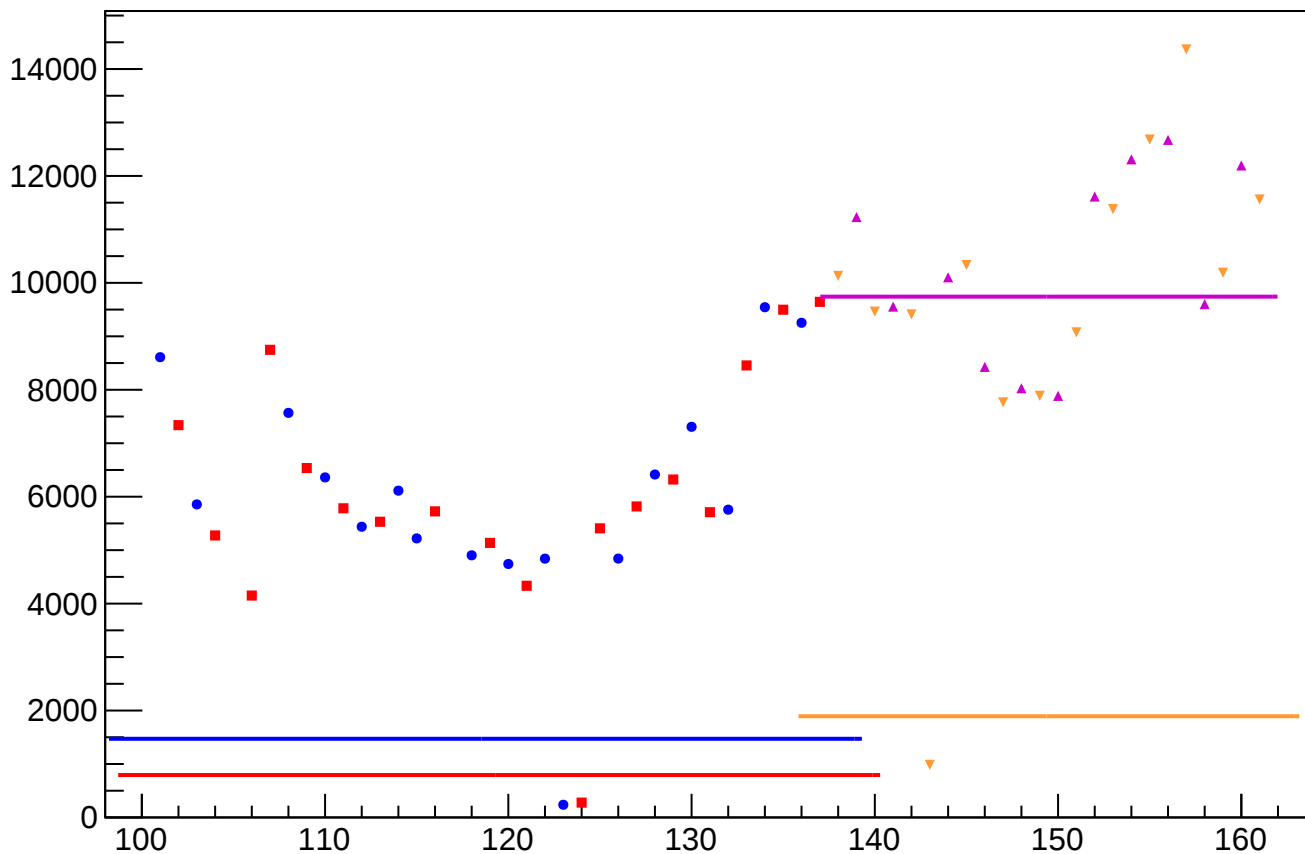
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 206.166+/-1043.883 χ^2/NDF : 24.5/27

Out: -636.091+/-579.279 χ^2/NDF : 41.9/30

All: -437.789+/-506.516 χ^2/NDF : 66.9/58

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1893.151+/-0.751

χ^2/NDF : 13208930.0/12

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9742.111+/-2.326

χ^2/NDF : 503026.8/10

Left: 2634.807+/-0.715

χ^2/NDF : 24022599.1/23

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2304.473+/-0.738

χ^2/NDF : 21660630.2/27

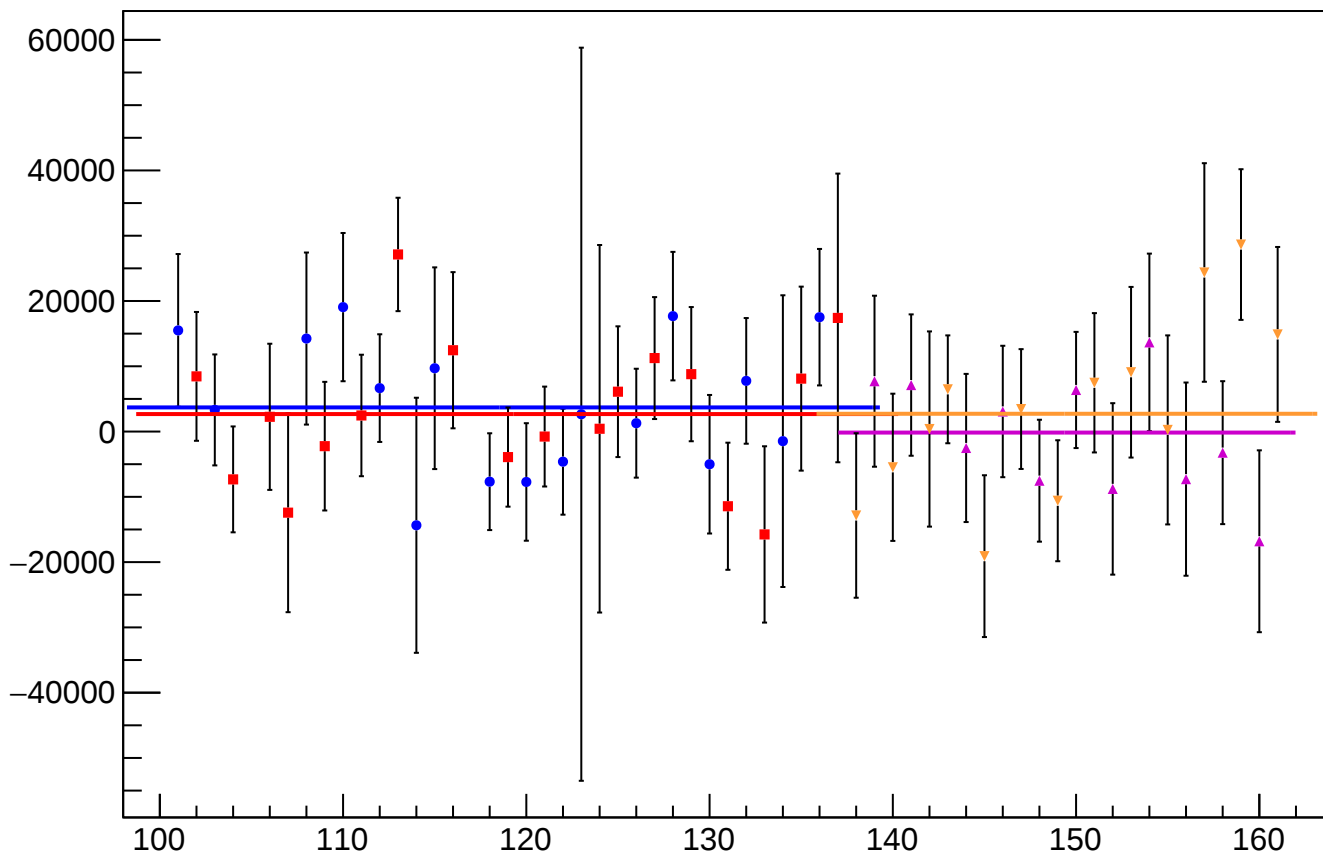
Out: 1120.404+/-0.410

χ^2/NDF : 26136388.1/30

All: 1399.183+/-0.358

χ^2/NDF : 49764412.6/5

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 2723.934+/-3172.354 χ^2/NDF : 15.5/12

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: -155.830+/-3422.850 χ^2/NDF : 5.3/10

Left: 1393.273+/-2326.715 χ^2/NDF : 21.2/23

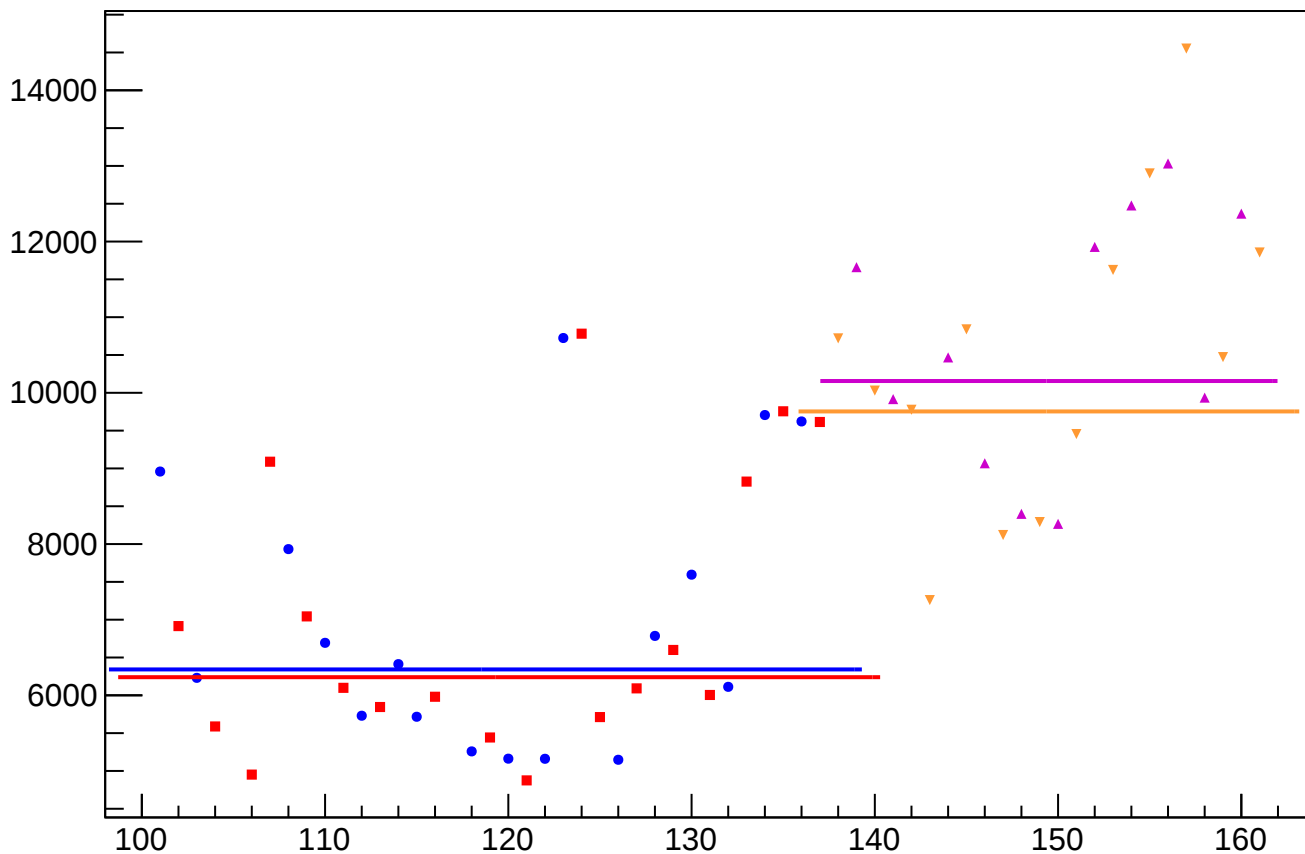
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2345.074+/-2028.264 χ^2/NDF : 20.5/27

Out: 2695.909+/-1928.414 χ^2/NDF : 34.0/30

All: 2529.339+/-1397.561 χ^2/NDF : 54.5/58

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9753.705+/-2.243 χ^2/NDF : 682145.7/12

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10155.900+/-2.420 χ^2/NDF : 434642.3/10

Left: 9939.549+/-1.645 χ^2/NDF : 1131642.3/23

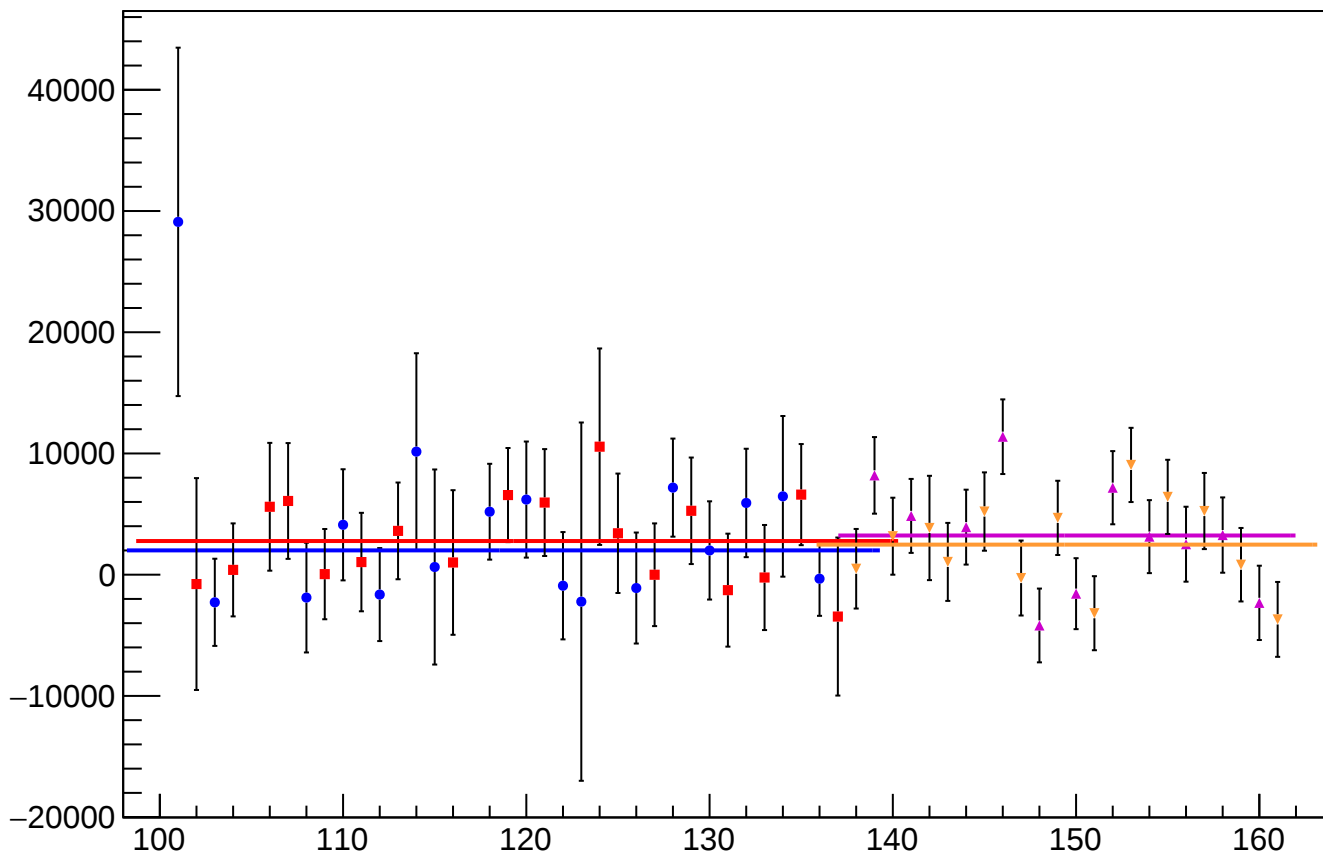
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7681.394+/-1.434 χ^2/NDF : 2639234.5/27

Out: 7538.134+/-1.364 χ^2/NDF : 2758607.7/30

All: 7606.149+/-0.988 χ^2/NDF : 5403082.9/58

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2479.827 $\pm$ 882.042 χ^2 /NDF:17.5/12

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 3233.028 $\pm$ 921.624 χ^2 /NDF:23.5/10

Left: 2839.906 $\pm$ 637.232 χ^2 /NDF: 41.3/23

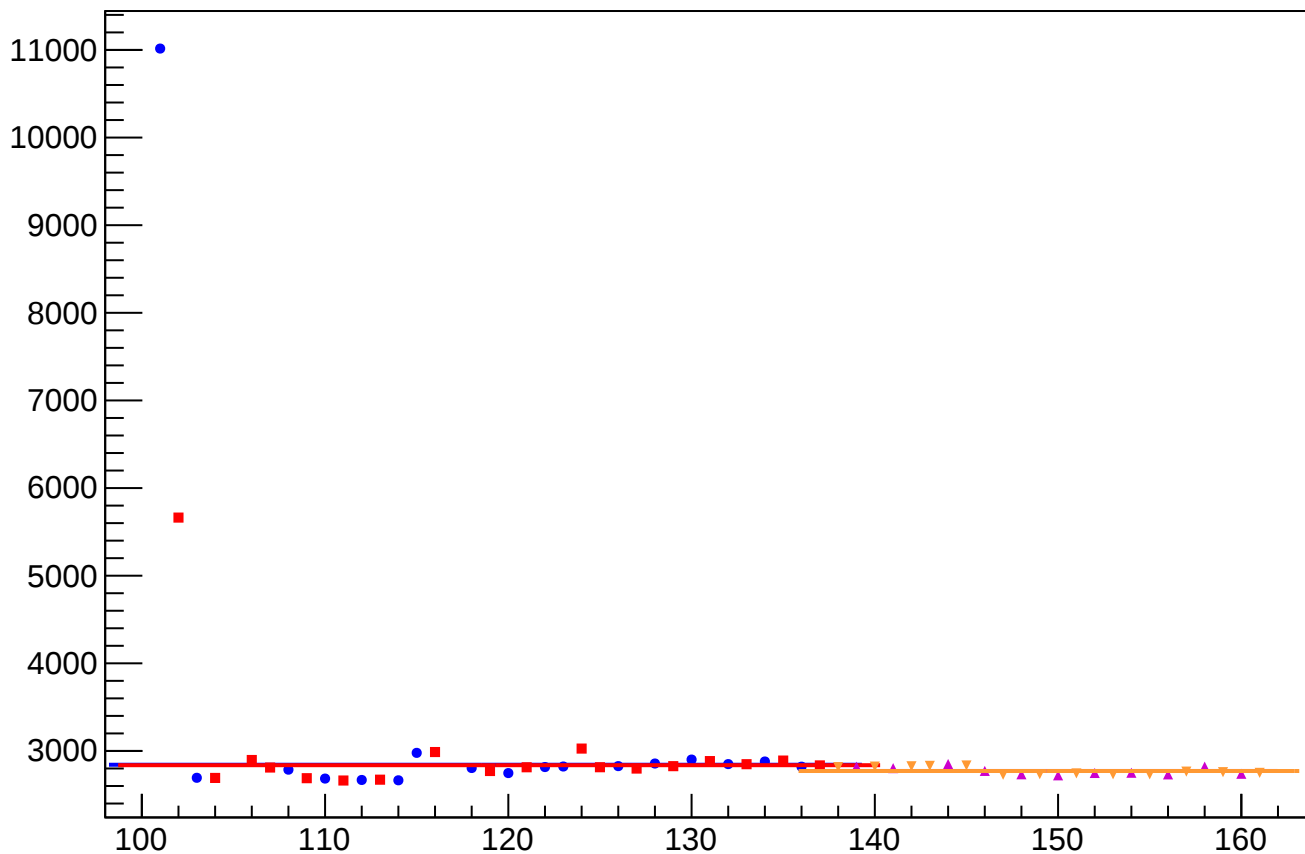
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2739.913 $\pm$ 713.044 χ^2 /NDF:37.9/27

Out: 2597.456 $\pm$ 684.871 χ^2 /NDF:25.9/30

All: 2665.815 $\pm$ 493.937 χ^2 /NDF: 63.8/58

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2771.116+/-0.624 χ^2/NDF : 4210.5/12

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2771.488+/-0.652 χ^2/NDF : 4166.0/10

Left: 2771.294+/-0.451 χ^2/NDF : 8376.6/23

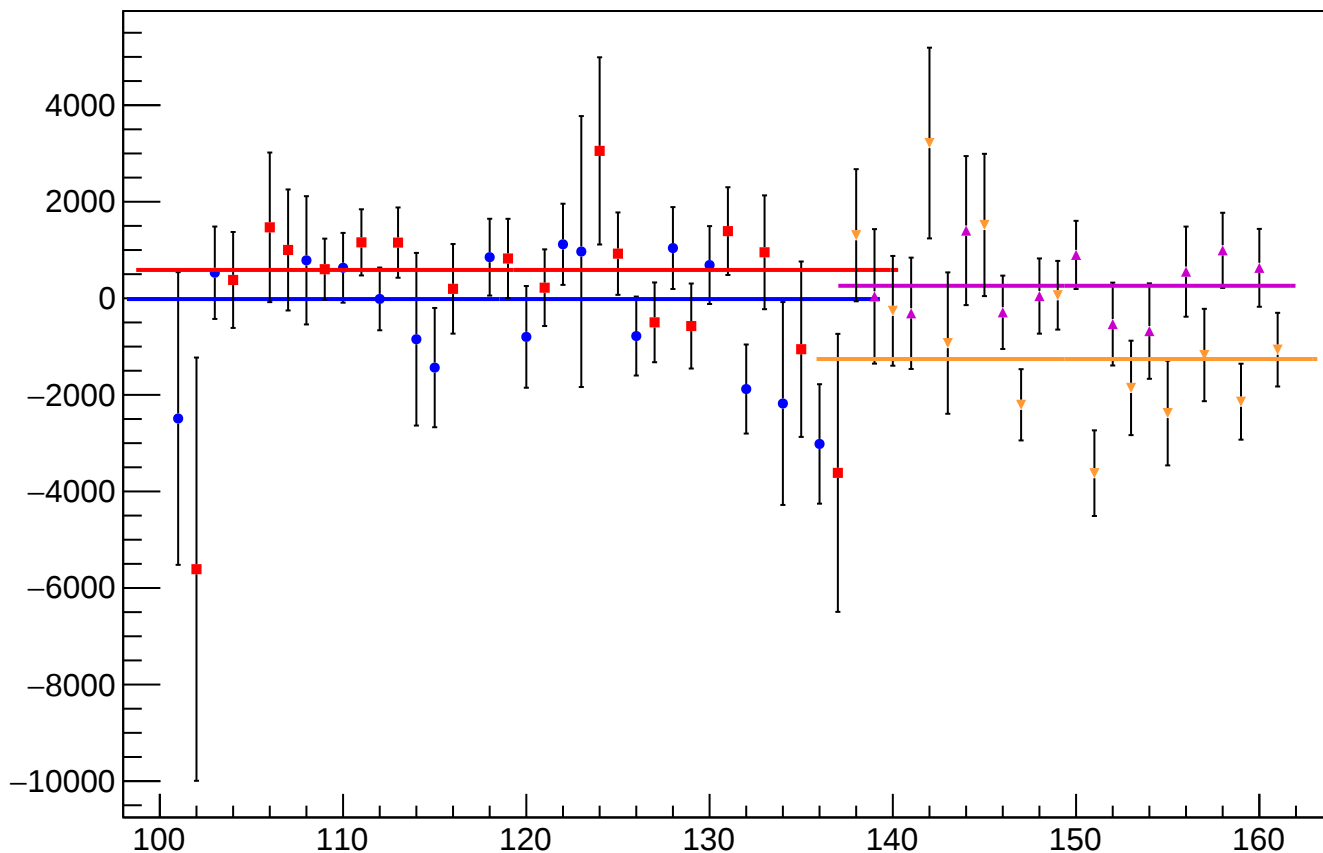
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2800.045+/-0.504 χ^2/NDF : 669254.5/27

Out: 2797.453+/-0.484 χ^2/NDF : 235122.9/30

All: 2798.697+/-0.349 χ^2/NDF : 904391.2/58

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1257.209 $\pm$ 268.243 χ^2/NDF : 28.0/12

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 259.735 $\pm$ 269.236 χ^2/NDF : 5.2/10

Left: -501.539 $\pm$ 190.027 χ^2/NDF : 49.1/23

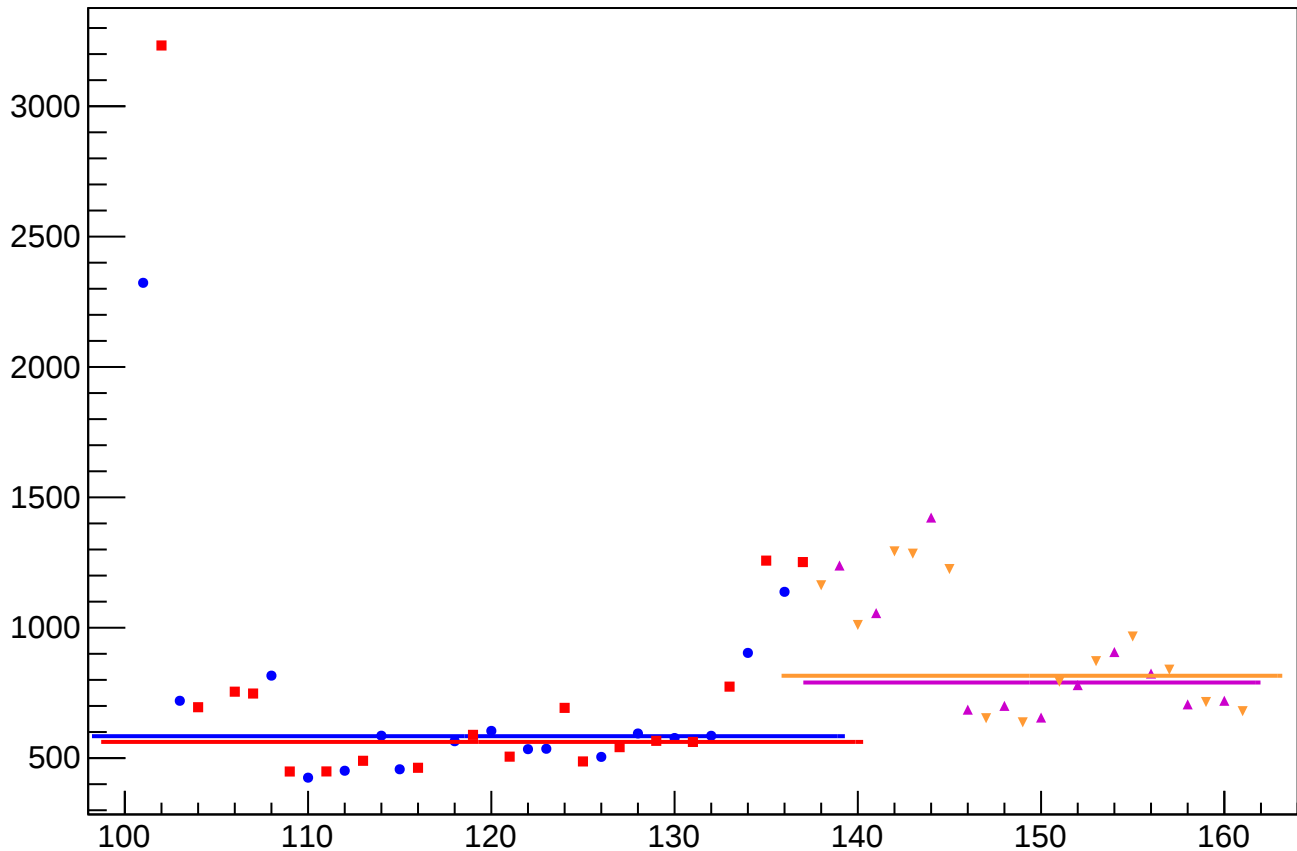
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 105.650 $\pm$ 178.679 χ^2/NDF : 27.4/27

Out: -177.517 $\pm$ 172.750 χ^2/NDF : 69.0/30

All: -40.709 $\pm$ 124.196 χ^2/NDF : 97.7/58

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 815.809+/-0.190 χ^2/NDF :1030049.4/12

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 789.876+/-0.190 χ^2/NDF :855894.9/10

Left: 802.890+/-0.134 χ^2/NDF : 1895256.2/23

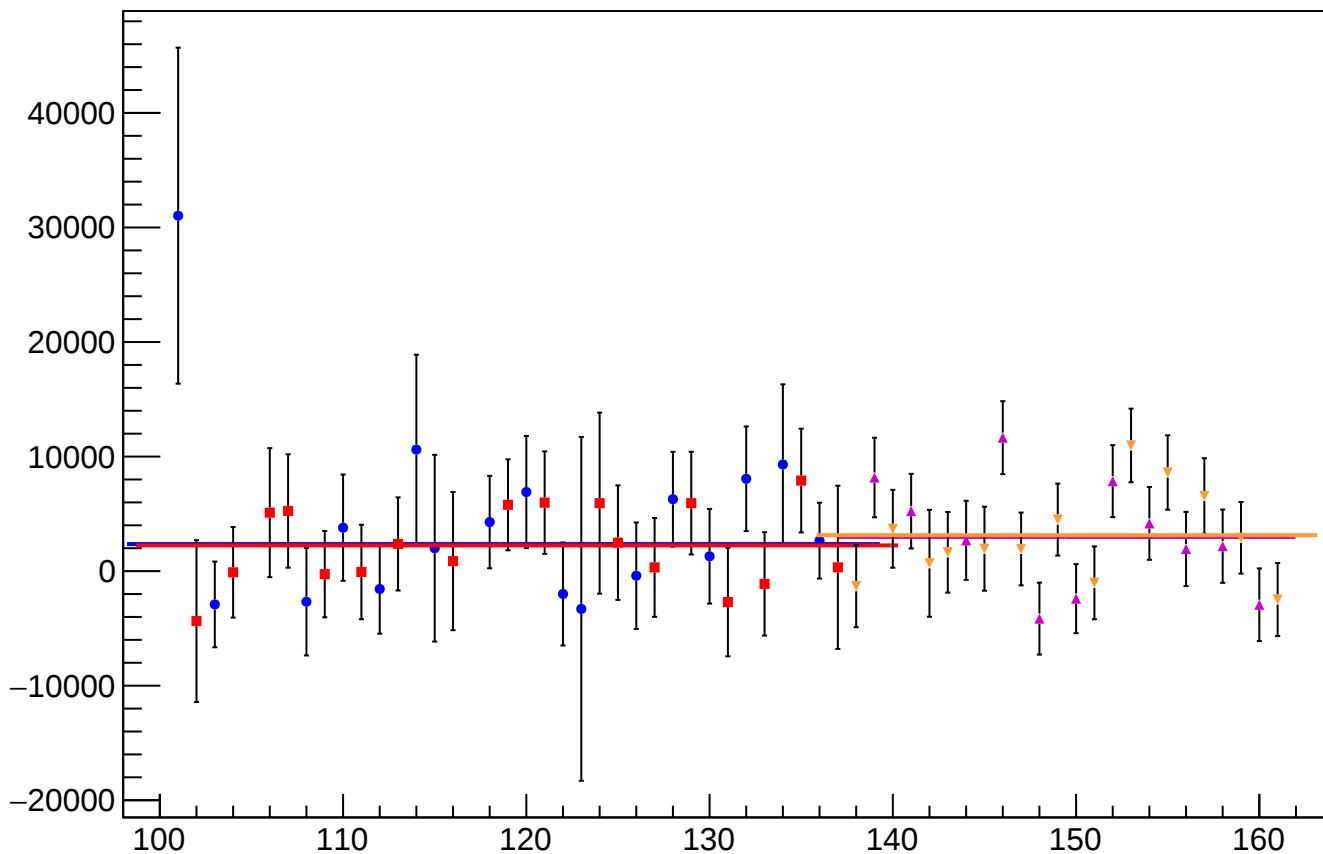
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 674.706+/-0.126 χ^2/NDF :2946534.8/27

Out: 667.337+/-0.122 χ^2/NDF :3602273.5/30

All: 670.897+/-0.088 χ^2/NDF : 6550566.4/58

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3138.110+/-932.884 χ^2/NDF : 17.2/12

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2985.990+/-969.553 χ^2/NDF : 24.7/10

Left: 3064.981+/-672.238 χ^2/NDF : 41.8/23

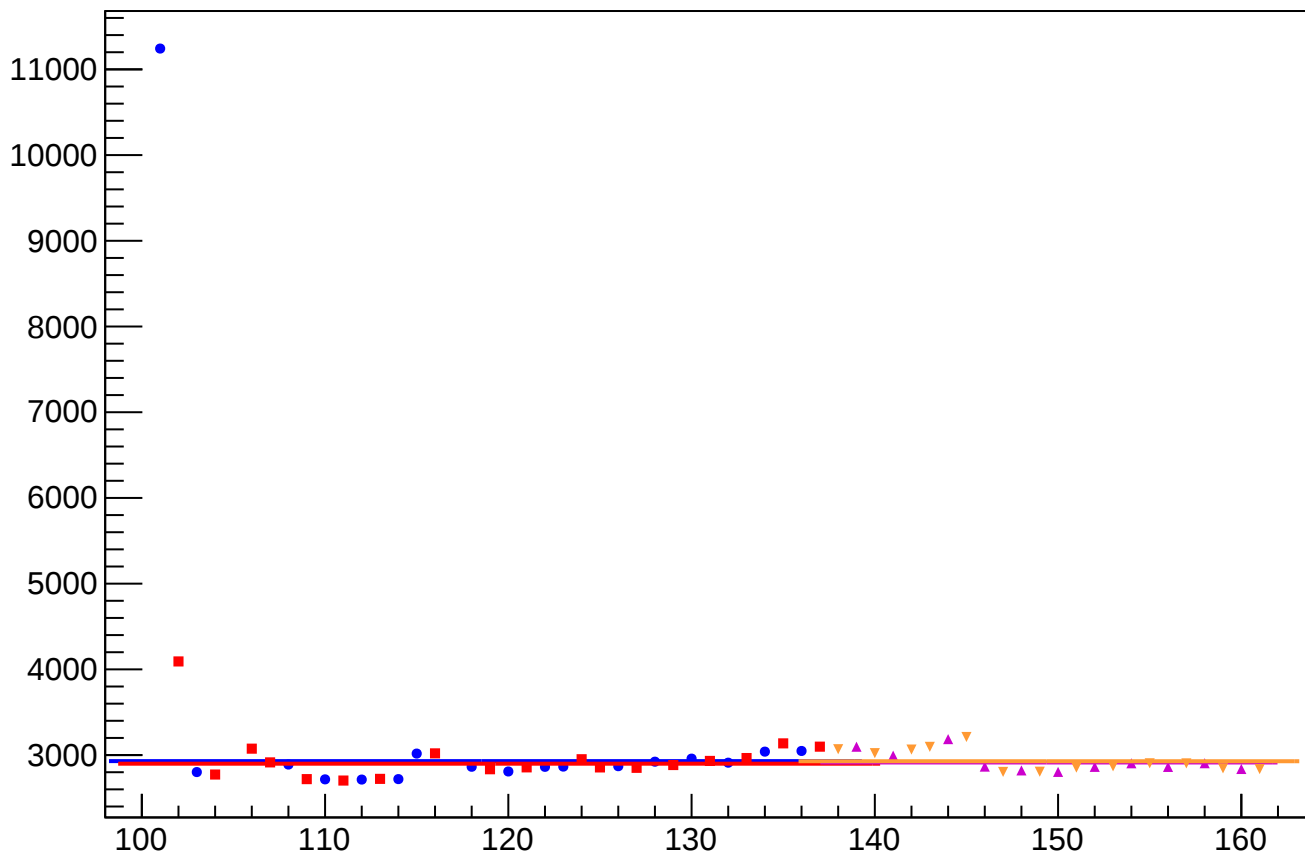
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2729.669+/-743.905 χ^2/NDF : 39.9/27

Out: 2769.333+/-714.675 χ^2/NDF : 26.1/30

All: 2750.296+/-515.375 χ^2/NDF : 66.0/58

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2928.155+/-0.660 χ^2/NDF : 33917.3/12

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2913.740+/-0.686 χ^2/NDF : 26312.6/10

Left: 2921.226+/-0.475 χ^2/NDF : 60459.4/23

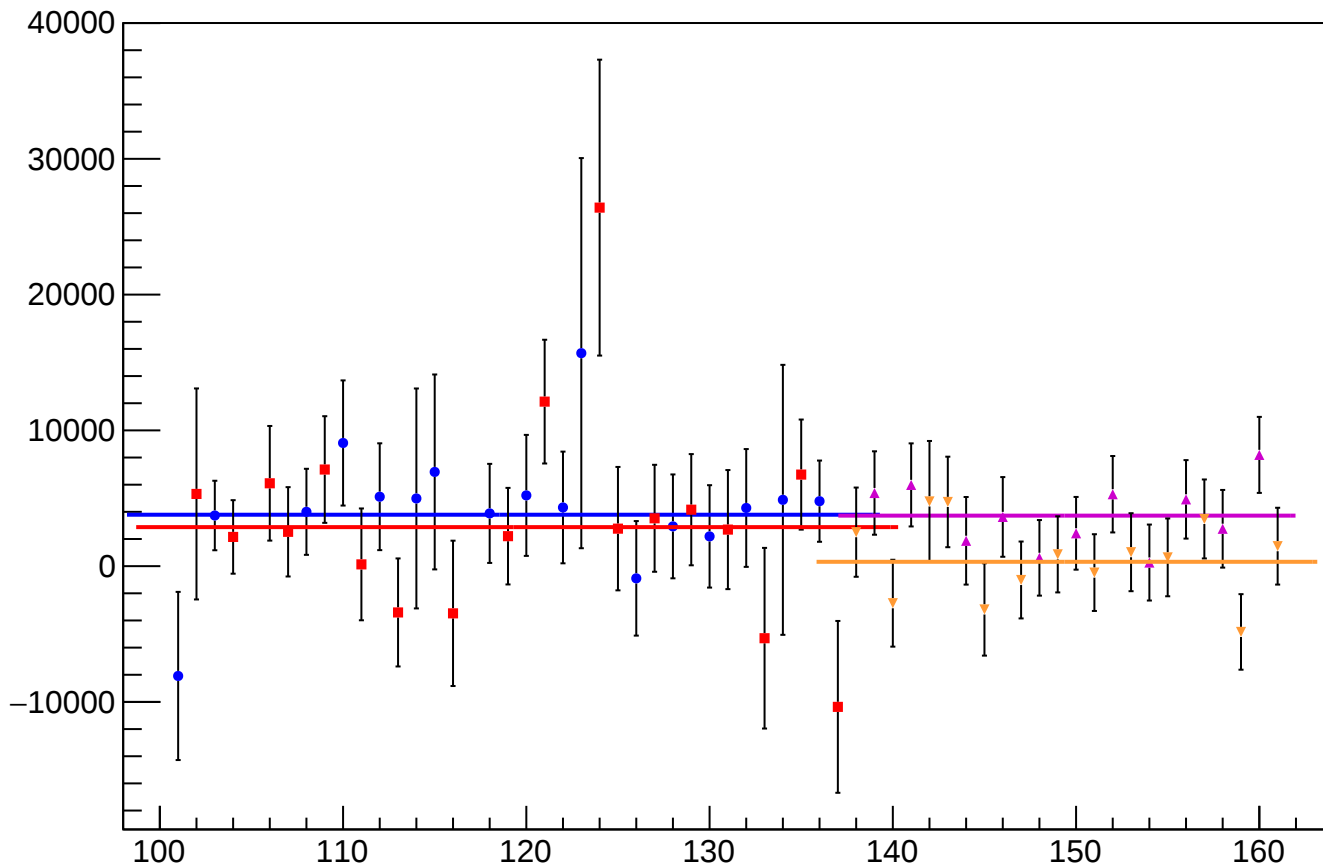
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2920.285+/-0.526 χ^2/NDF : 689163.2/27

Out: 2916.289+/-0.505 χ^2/NDF : 118243.7/30

All: 2918.207+/-0.364 χ^2/NDF : 807436.9/58

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 320.881 $\pm$ 842.231 χ^2/NDF : 10.4/12

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3720.944 $\pm$ 871.354 χ^2/NDF : 7.3/10

Left: 1963.143 $\pm$ 605.581 χ^2/NDF : 25.6/23

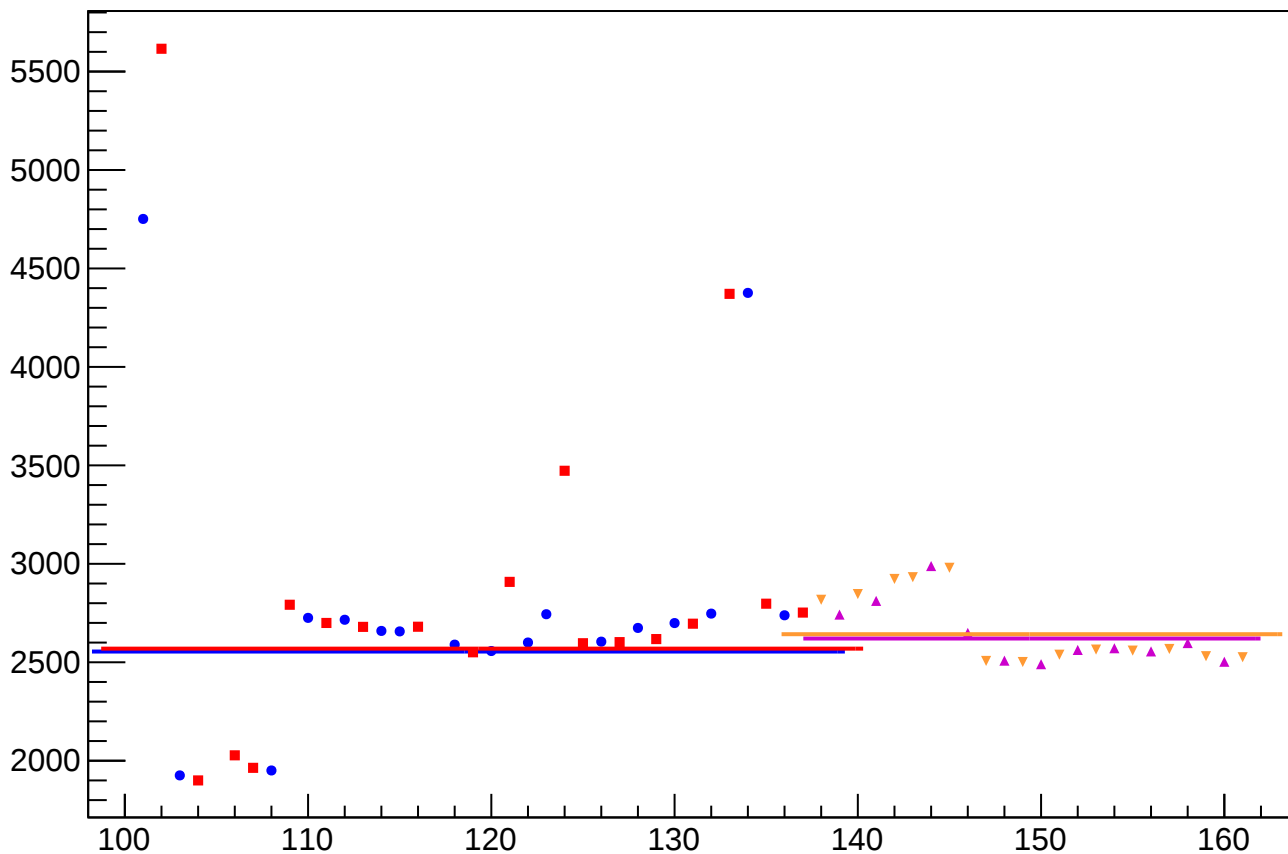
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3749.550 $\pm$ 659.233 χ^2/NDF : 15.1/27

Out: 1375.628 $\pm$ 645.278 χ^2/NDF : 36.2/30

All: 2537.197 $\pm$ 461.135 χ^2/NDF : 57.9/58

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2642.591 $\pm$ 0.596 χ^2 /NDF: 80009.6/12

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2620.653 $\pm$ 0.616 χ^2 /NDF: 51330.9/10

Left: 2631.995 $\pm$ 0.428 χ^2 /NDF: 131995.9/23

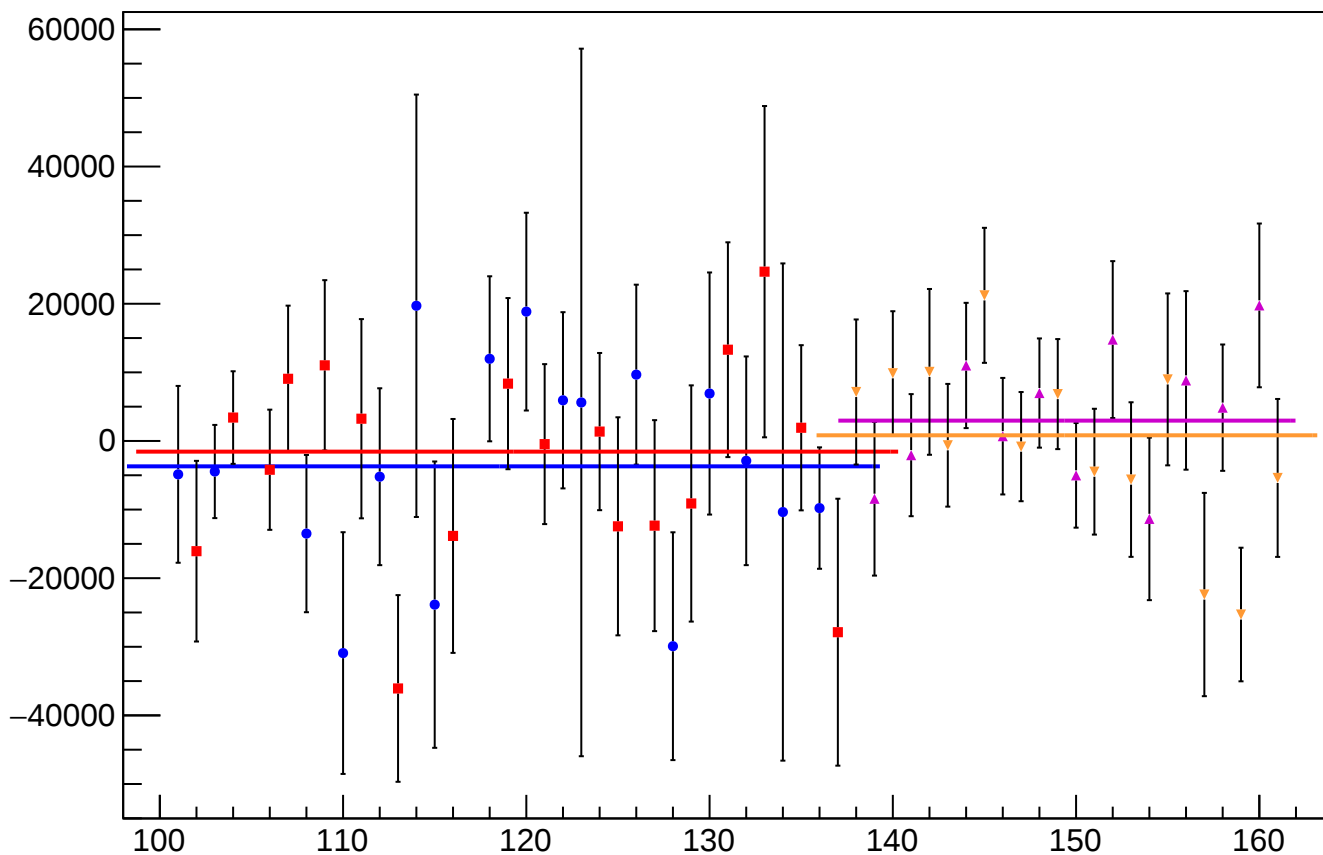
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2592.381 $\pm$ 0.466 χ^2 /NDF: 592880.8/27

Out: 2612.289 $\pm$ 0.456 χ^2 /NDF: 809607.2/30

All: 2602.549 $\pm$ 0.326 χ^2 /NDF: 1403419.7/58

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 825.792 $\pm$ 2763.103 χ^2/NDF : 17.9/12

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2964.931 $\pm$ 2899.464 χ^2/NDF : 8.3/10

Left: 1843.879 $\pm$ 2000.279 χ^2/NDF : 26.5/23

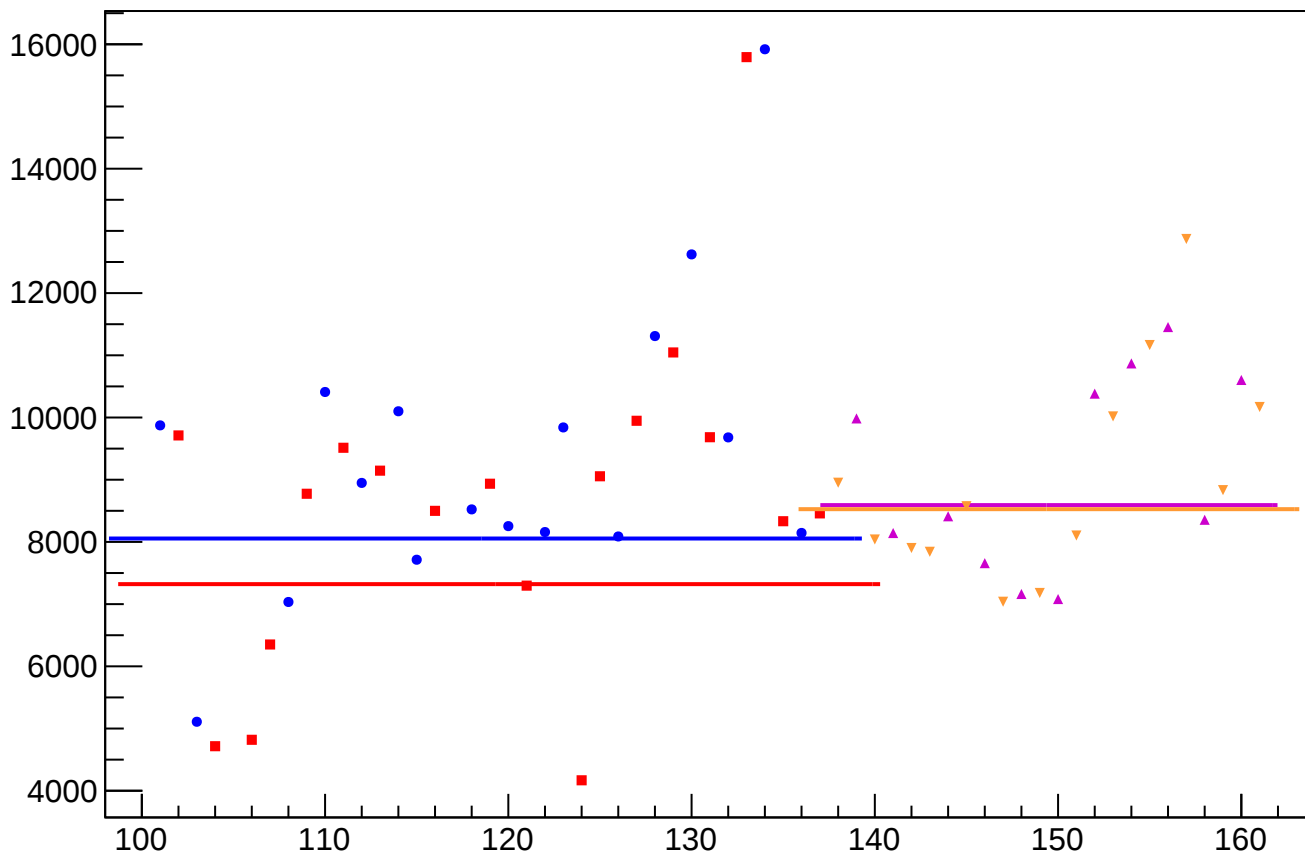
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -21.377 $\pm$ 2154.021 χ^2/NDF : 24.5/27

Out: -302.611 $\pm$ 2004.306 χ^2/NDF : 35.0/30

All: -172.107 $\pm$ 1467.334 χ^2/NDF : 59.5/58

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8526.513 $\pm$ 1.954 χ^2 /NDF: 495127.8/12

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8591.903 $\pm$ 2.050 χ^2 /NDF: 481852.2/10

Left: 8557.634 $\pm$ 1.414 χ^2 /NDF: 977513.1/23

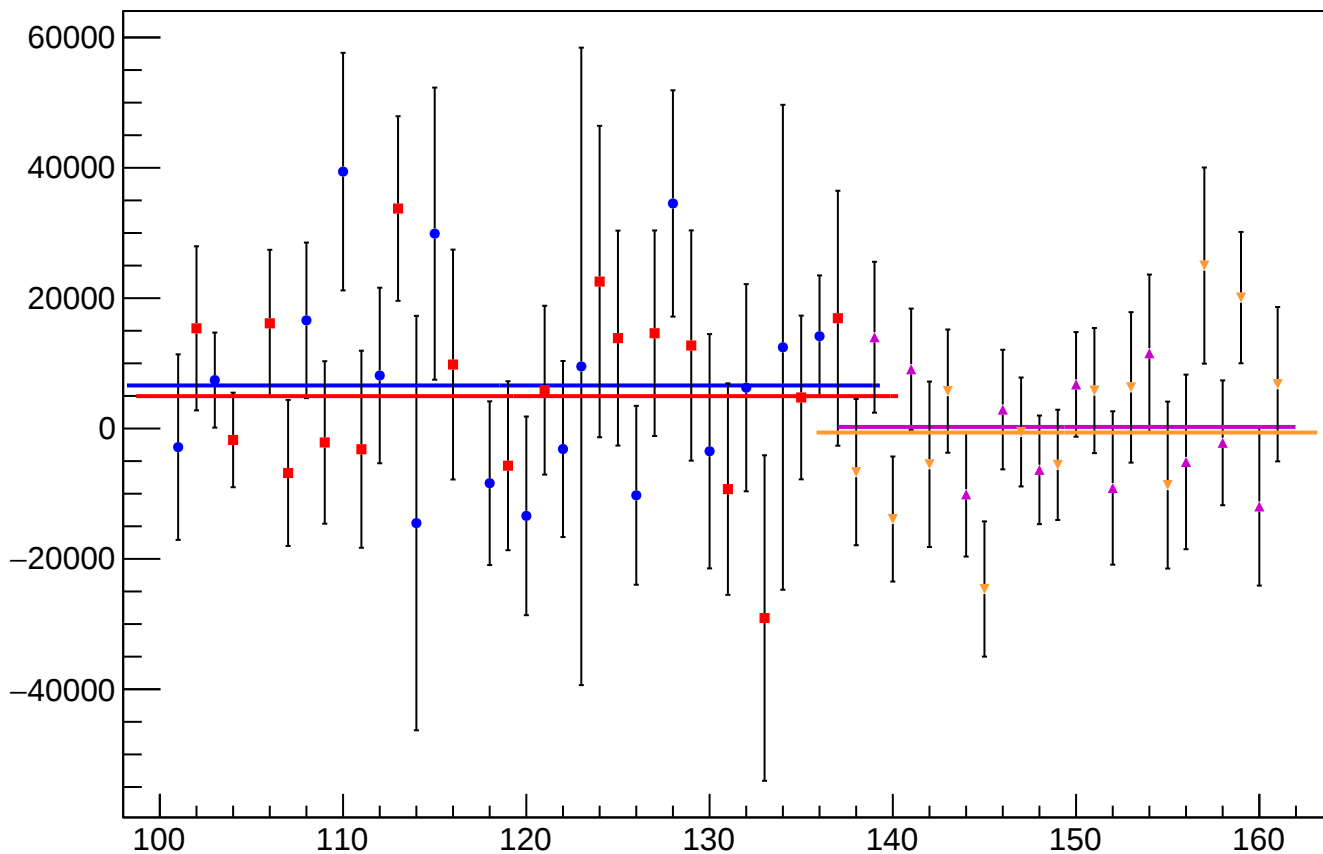
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8351.217 $\pm$ 1.523 χ^2 /NDF: 1333371.1/27

Out: 7955.519 $\pm$ 1.417 χ^2 /NDF: 2011338.5/30

All: 8139.140 $\pm$ 1.038 χ^2 /NDF: 3380883.0/58

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -615.139 $\pm$ 2890.931 χ^2/NDF : 17.2/12

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 245.391 $\pm$ 3027.265 χ^2/NDF : 7.6/10

Left: -204.687 $\pm$ 2090.733 χ^2/NDF : 24.9/23

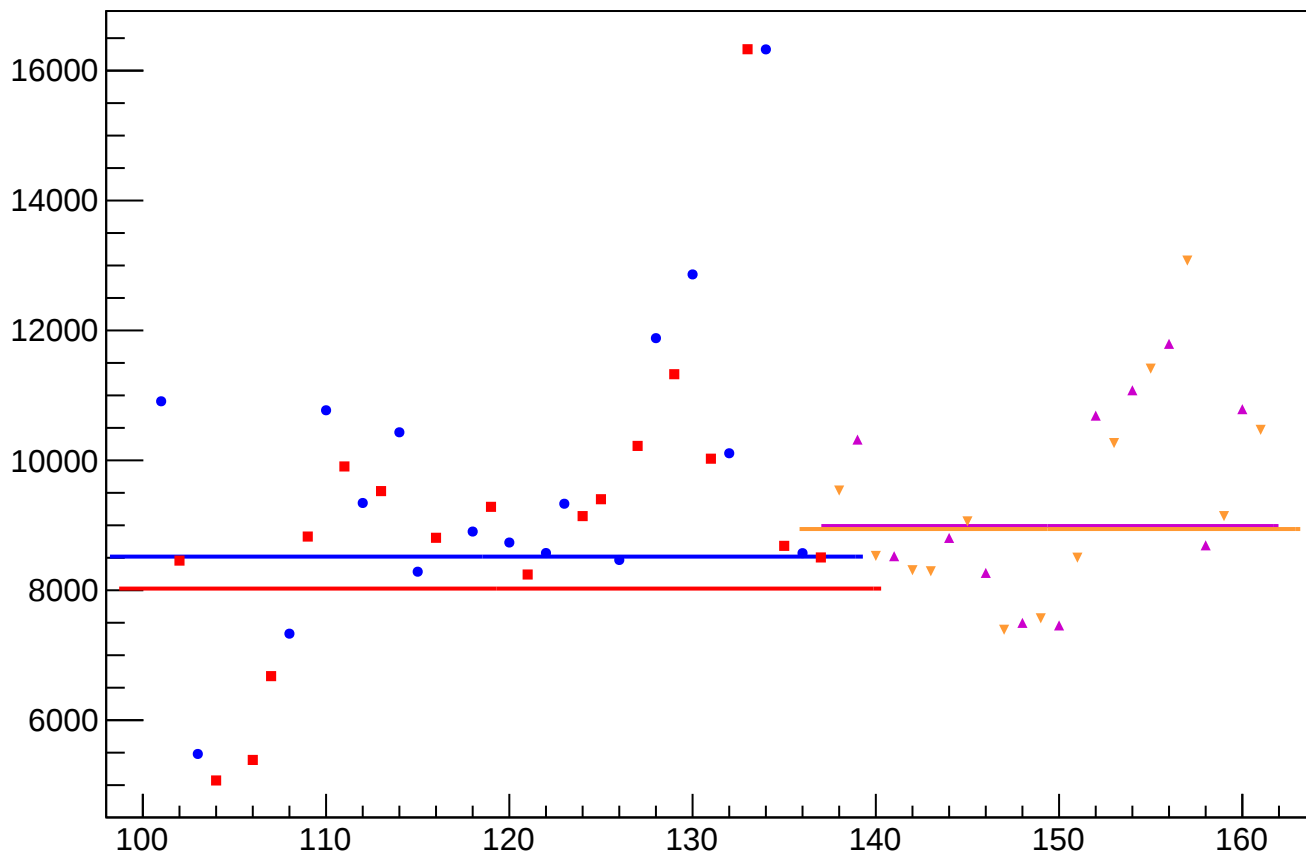
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 3062.469 $\pm$ 2259.724 χ^2/NDF : 24.3/27

Out: 1913.826 $\pm$ 2138.153 χ^2/NDF : 32.5/30

All: 2456.420 $\pm$ 1553.103 χ^2/NDF : 56.9/58

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8942.852+/-2.044 χ^2/NDF : 435433.6/12

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8988.948+/-2.141 χ^2/NDF : 416453.8/10

Left: 8964.839+/-1.478 χ^2/NDF : 852130.0/23

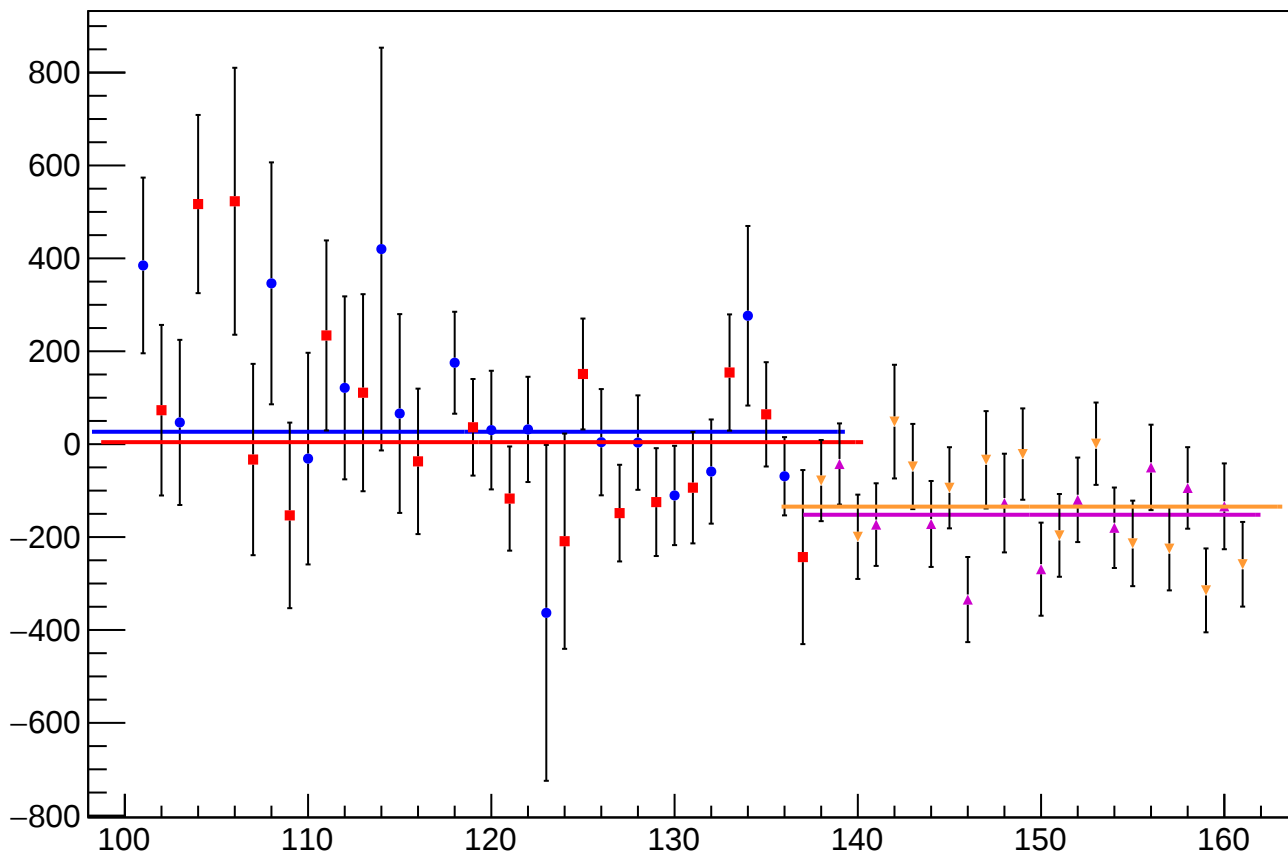
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8780.532+/-1.598 χ^2/NDF : 1209857.1/27

Out: 8527.539+/-1.512 χ^2/NDF : 1469210.1/30

All: 8647.046+/-1.098 χ^2/NDF : 2692294.3/58

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -134.472 ± 25.803 $\chi^2/\text{NDF}: 16.9/12$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -151.976 ± 27.724 $\chi^2/\text{NDF}: 9.0/10$

Left: -142.596 ± 18.888 $\chi^2/\text{NDF}: 26.1/23$

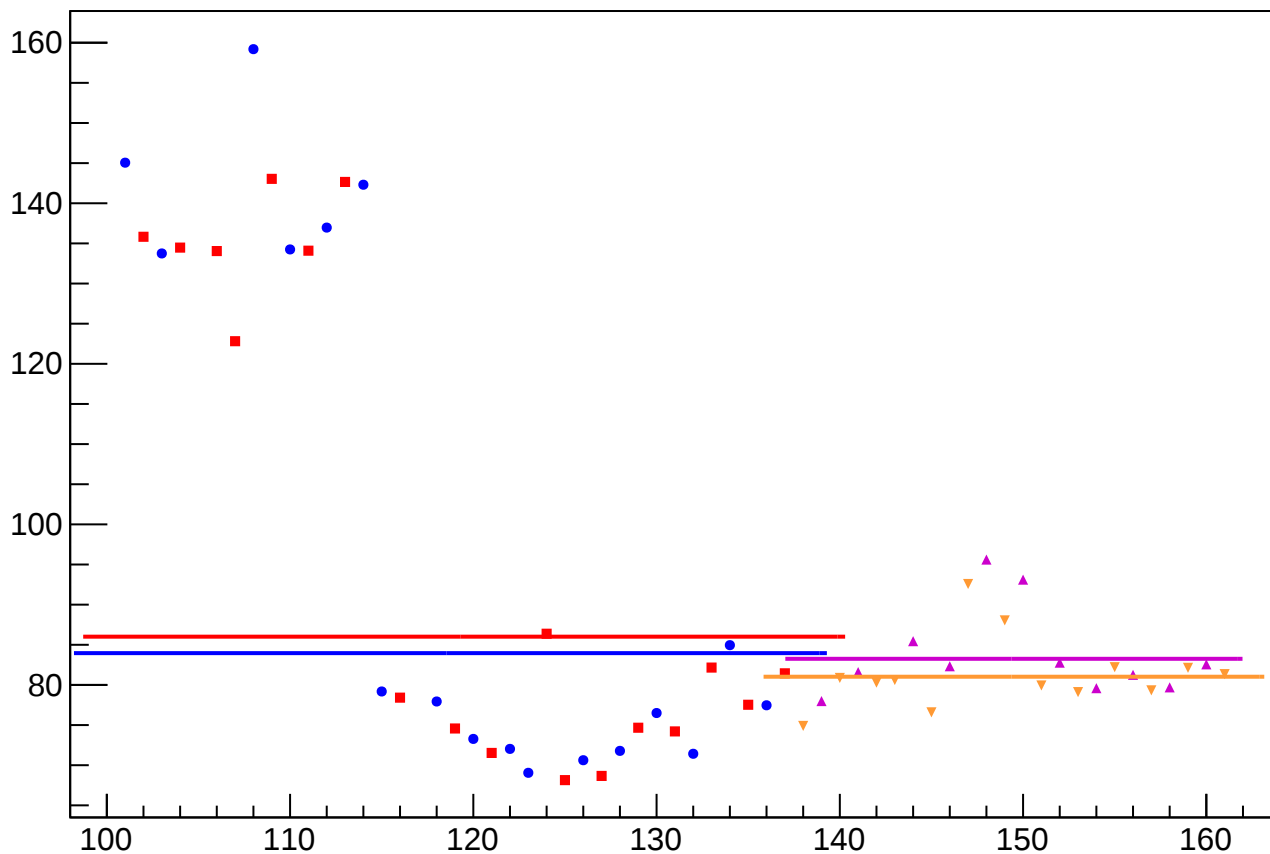
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -79.664 ± 21.391 $\chi^2/\text{NDF}: 40.3/27$

Out: -83.440 ± 20.519 $\chi^2/\text{NDF}: 51.5/30$

All: -81.631 ± 14.808 $\chi^2/\text{NDF}: 91.8/58$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.022 $\pm$ 0.018 χ^2 /NDF: 52210.5/12

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 83.254 $\pm$ 0.020 χ^2 /NDF: 63704.1/10

Left: 82.058 $\pm$ 0.013 χ^2 /NDF: 122860.3/23

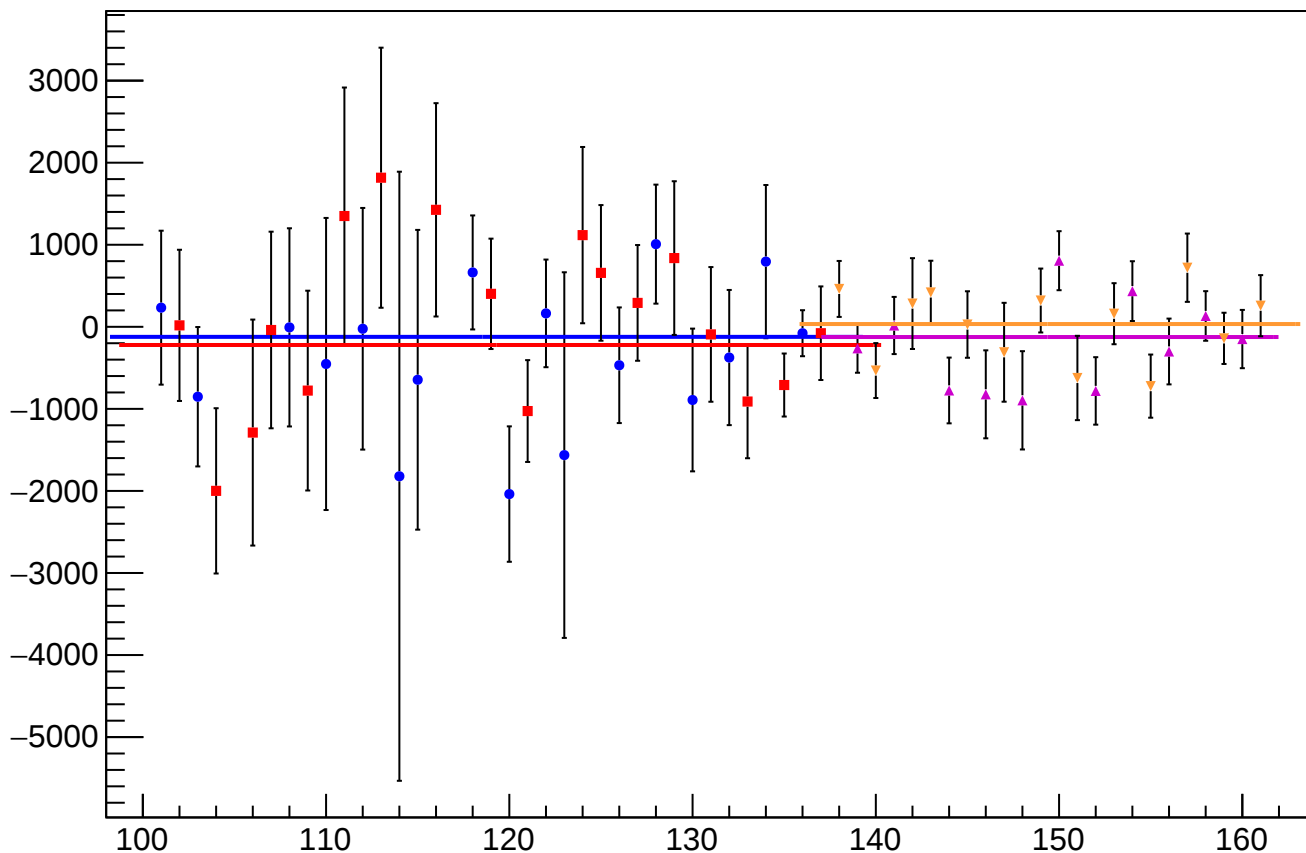
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.540 $\pm$ 0.015 χ^2 /NDF: 1024483.0/27

Out: 82.857 $\pm$ 0.015 χ^2 /NDF: 1106108.5/30

All: 83.184 $\pm$ 0.010 χ^2 /NDF: 2131654.5/58

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 33.842 ± 109.149 χ^2/NDF : 15.5/12

Right Out: -221.525 ± 185.098 χ^2/NDF : 18.0/17

Left In: -124.444 ± 113.002 χ^2/NDF : 18.9/10

Left: -42.556 ± 78.507 χ^2/NDF : 35.4/23

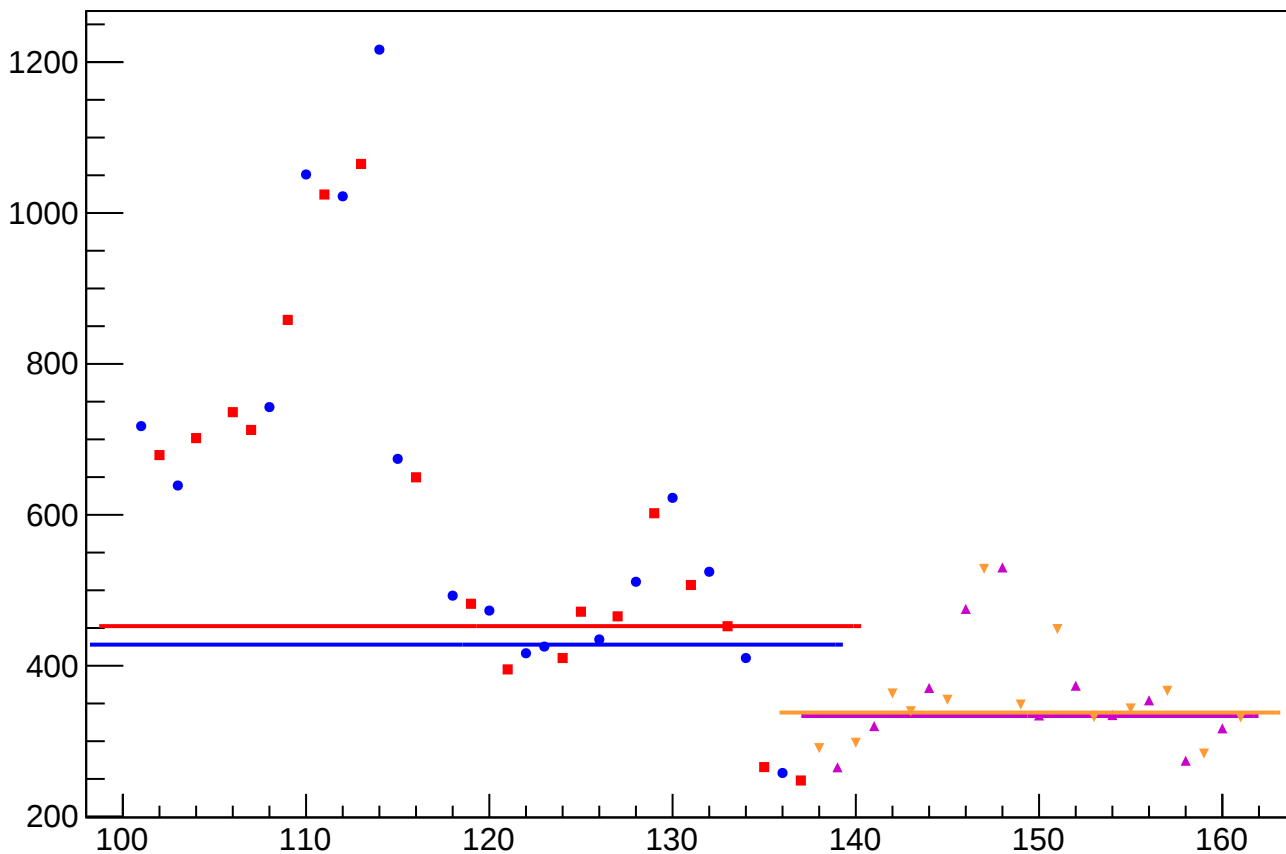
Right: -170.470 ± 128.892 χ^2/NDF : 31.2/34

In: -123.867 ± 95.643 χ^2/NDF : 31.9/27

Out: -32.045 ± 94.020 χ^2/NDF : 34.9/30

All: -77.170 ± 67.049 χ^2/NDF : 67.3/58

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.984 $\pm$ 0.077 χ^2/NDF : 440591.9/12

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 333.409 $\pm$ 0.080 χ^2/NDF : 586430.2/10

Left: 335.776 $\pm$ 0.056 χ^2/NDF : 1028717.7/23

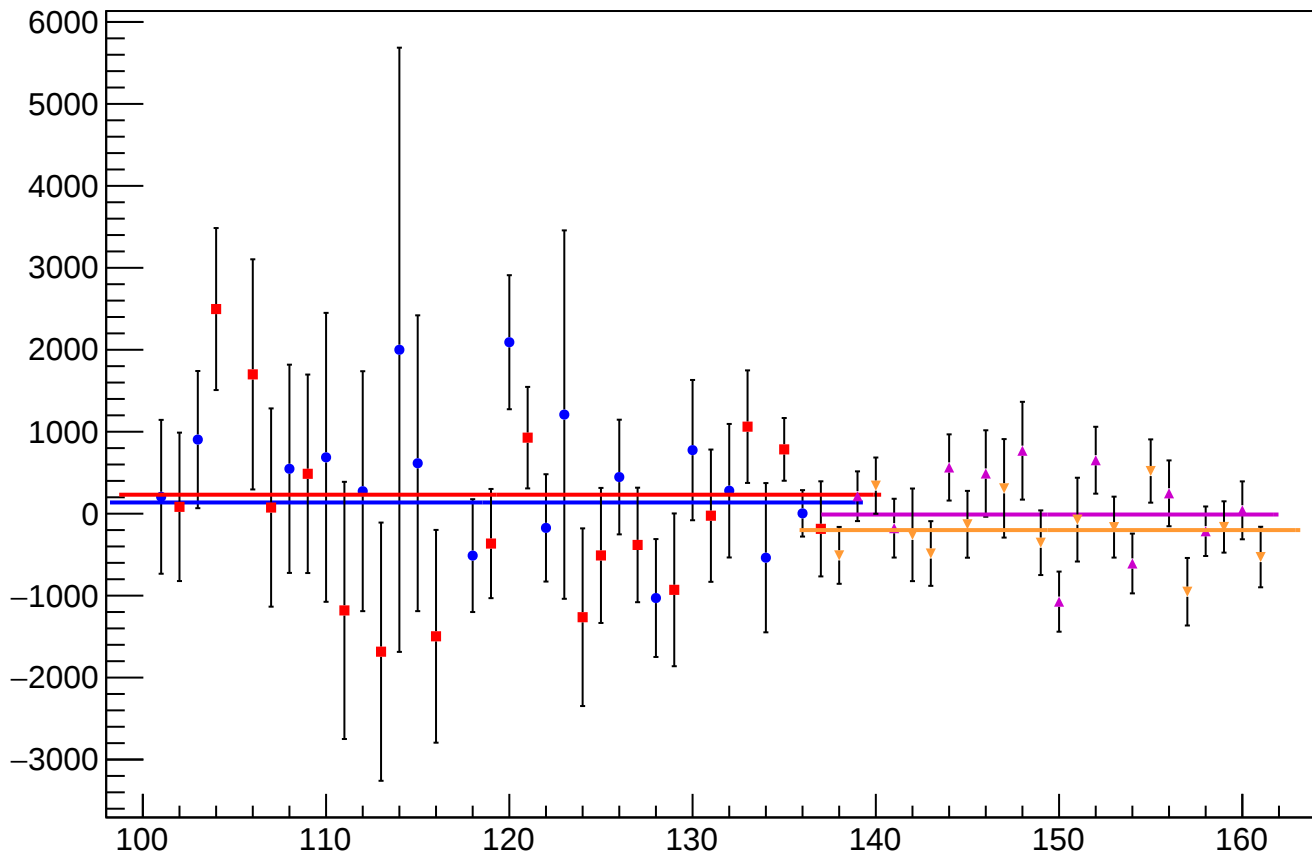
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 360.235 $\pm$ 0.068 χ^2/NDF : 3046029.1/27

Out: 367.532 $\pm$ 0.066 χ^2/NDF : 3081711.2/30

All: 363.946 $\pm$ 0.047 χ^2/NDF : 6133661.5/58

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -200.220 $\pm$ 109.934 χ^2 /NDF:12.4/12

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -10.273 $\pm$ 113.754 χ^2 /NDF:20.0/10

Left: -108.489 $\pm$ 79.051 χ^2 /NDF: 33.9/23

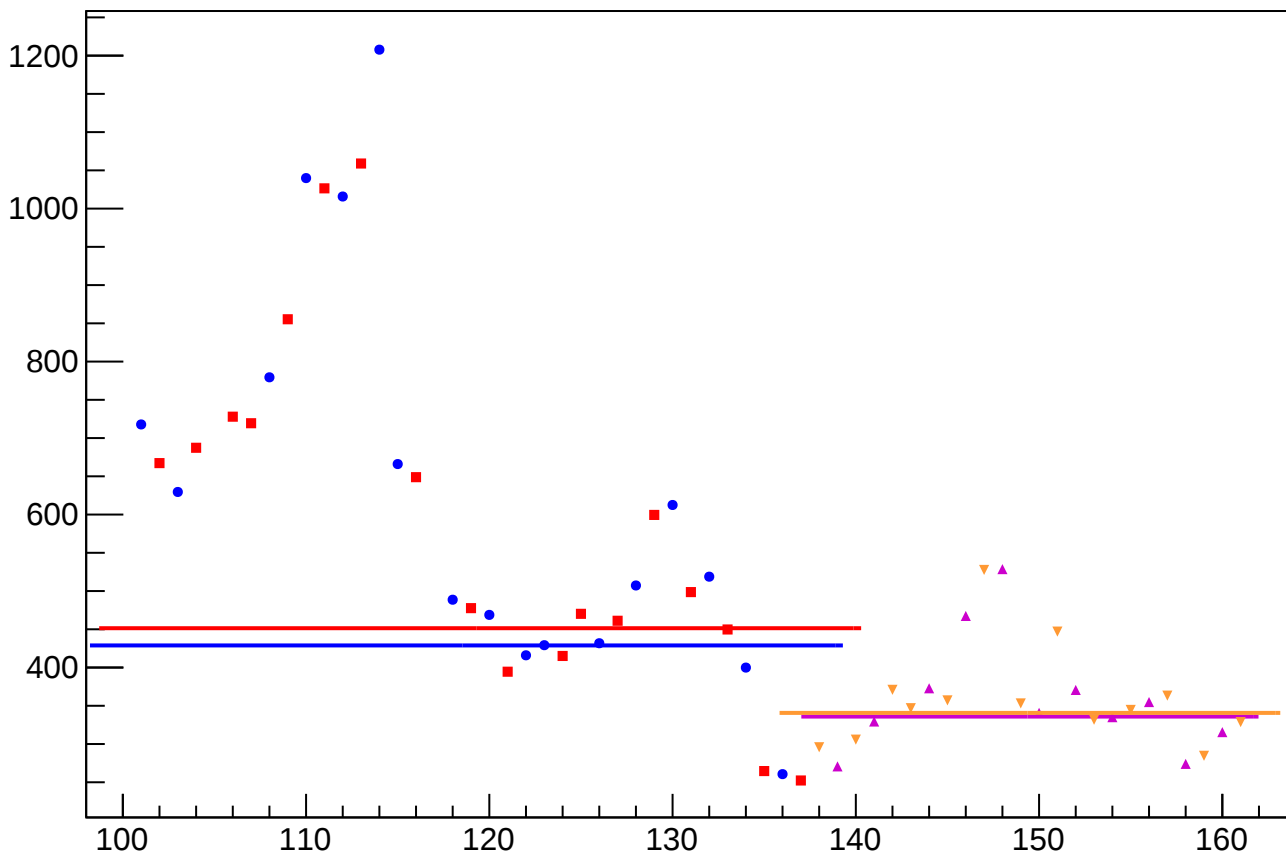
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 31.835 $\pm$ 96.101 χ^2 /NDF:33.1/27

Out: -87.152 $\pm$ 94.451 χ^2 /NDF:38.2/30

All: -28.689 $\pm$ 67.363 χ^2 /NDF: 72.1/58

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2/NDF : 2010592.5/16

Left Out: 340.696 $\pm$ 0.078 χ^2/NDF : 419158.0/12

Right Out: 451.411 $\pm$ 0.131 χ^2/NDF : 2030742.8/17

Left In: 335.891 $\pm$ 0.080 χ^2/NDF : 552420.6/10

Left: 338.376 $\pm$ 0.056 χ^2/NDF : 973423.5/23

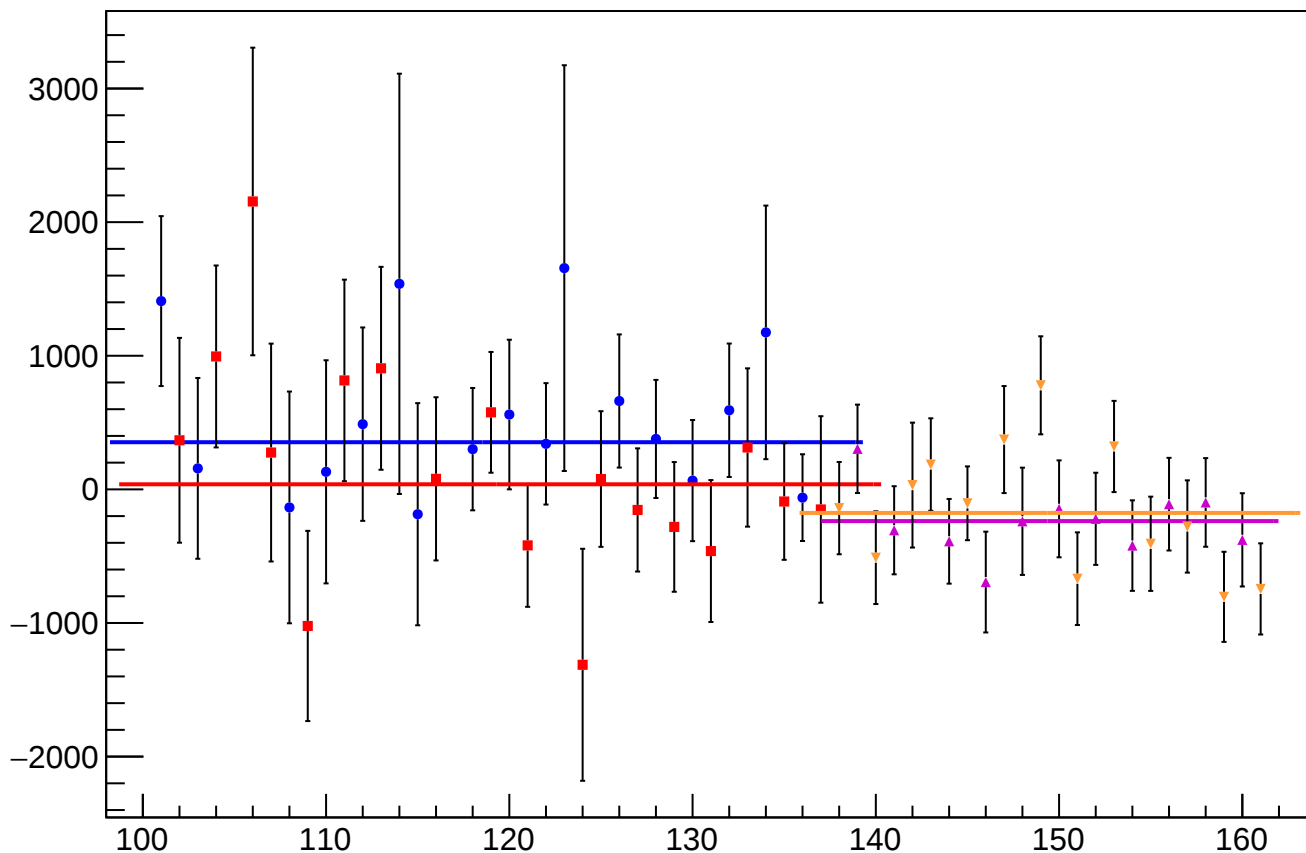
Right: 439.843 $\pm$ 0.091 χ^2/NDF : 4056629.4/34

In: 362.516 $\pm$ 0.068 χ^2/NDF : 2945700.6/27

Out: 369.687 $\pm$ 0.067 χ^2/NDF : 2981061.9/30

All: 366.163 $\pm$ 0.048 χ^2/NDF : 5932426.8/58

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -176.156 ± 96.636 χ^2/NDF : 21.9/12

Right Out: 37.982 ± 139.023 χ^2/NDF : 16.9/17

Left In: -237.414 ± 104.341 χ^2/NDF : 5.2/10

Left: -204.440 ± 70.900 χ^2/NDF : 27.3/23

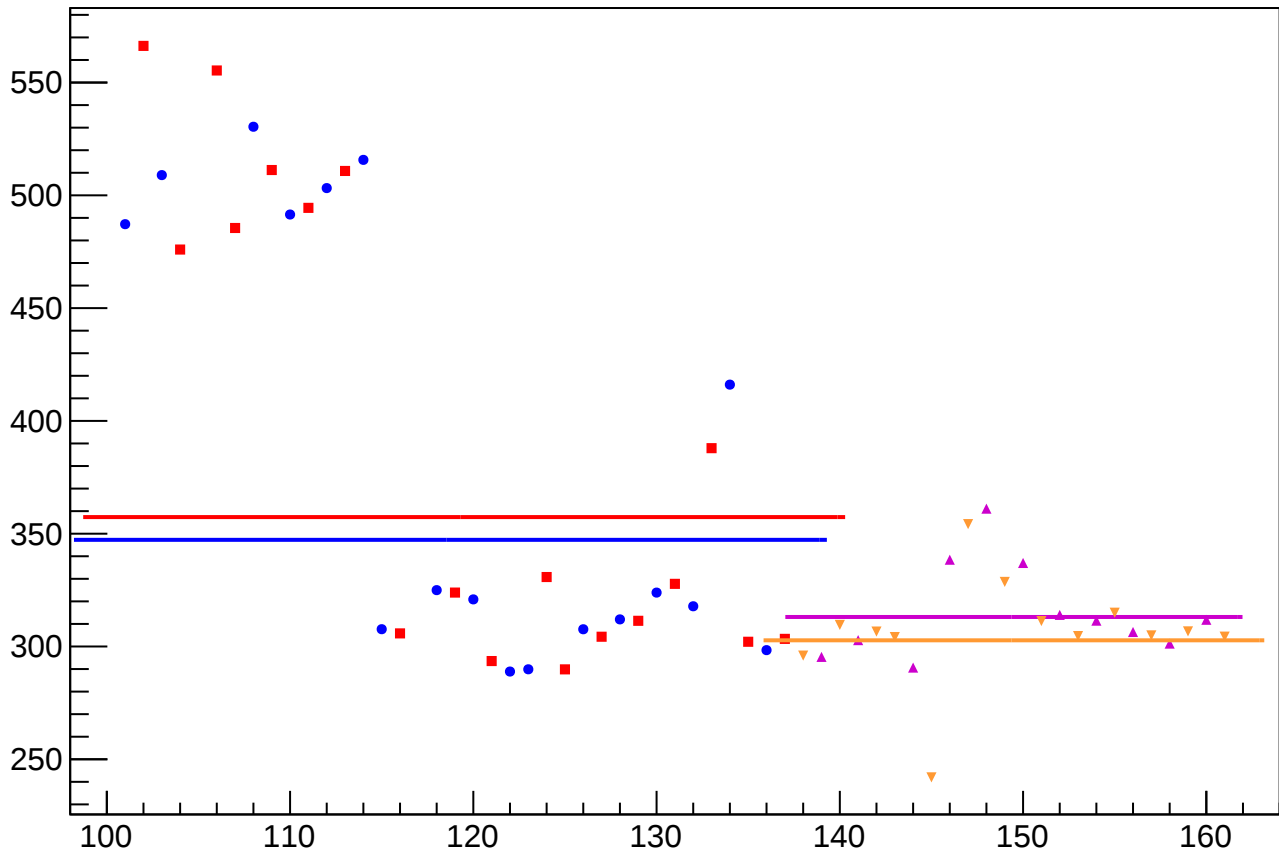
Right: 197.421 ± 97.689 χ^2/NDF : 28.1/34

In: -21.289 ± 83.074 χ^2/NDF : 25.5/27

Out: -106.396 ± 79.349 χ^2/NDF : 40.4/30

All: -65.793 ± 57.380 χ^2/NDF : 66.4/58

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 302.735 $\pm$ 0.068 χ^2/NDF : 145551.3/12

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 313.083 $\pm$ 0.074 χ^2/NDF : 67418.7/10

Left: 307.513 $\pm$ 0.050 χ^2/NDF : 223557.7/23

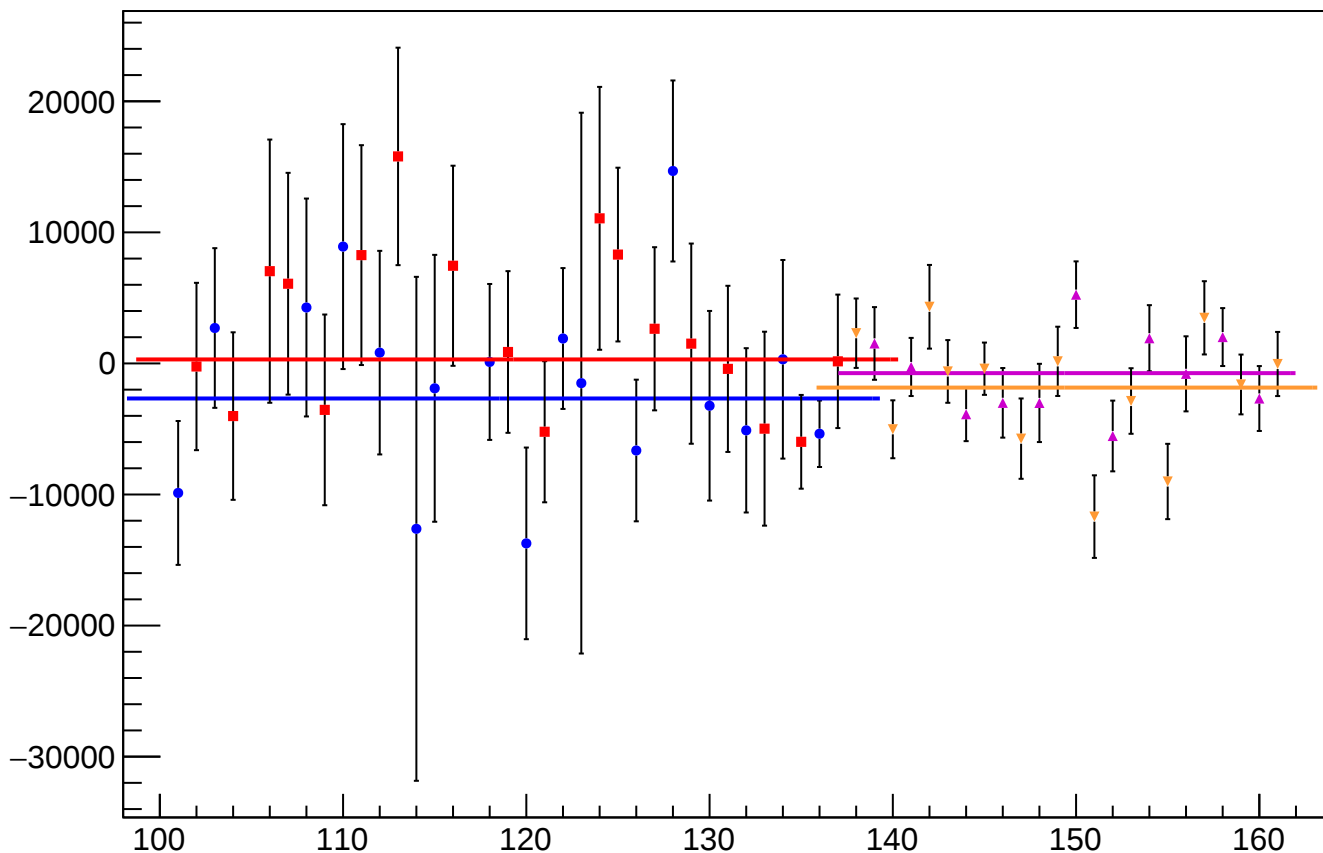
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 325.602 $\pm$ 0.059 χ^2/NDF : 764975.6/27

Out: 320.532 $\pm$ 0.056 χ^2/NDF : 1113707.7/30

All: 322.951 $\pm$ 0.041 χ^2/NDF : 1882579.2/58

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1843.471 $\pm$ 708.838 χ^2/NDF : 31.6/12

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -740.476 $\pm$ 753.050 χ^2/NDF : 16.3/10

Left: -1325.301 $\pm$ 516.147 χ^2/NDF : 49.0/23

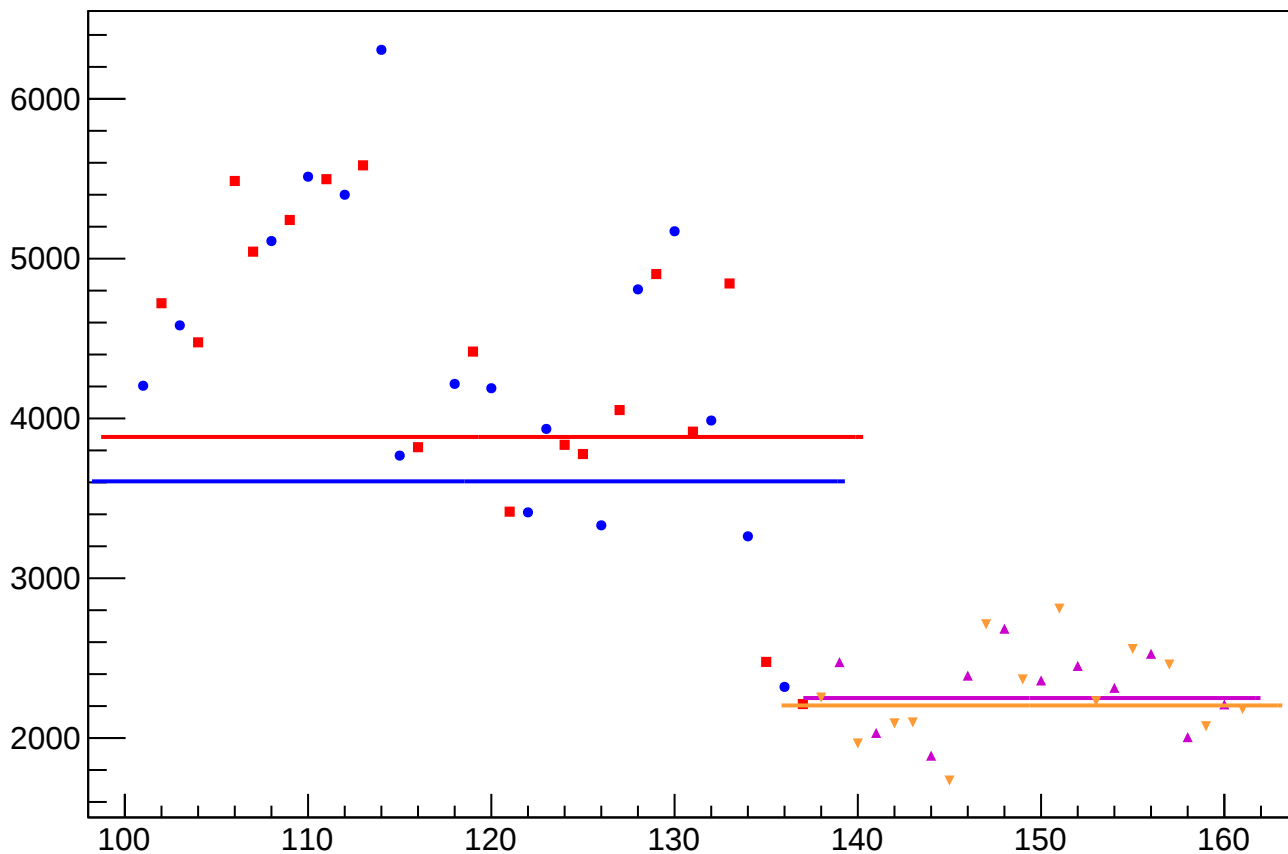
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -1148.461 $\pm$ 668.901 χ^2/NDF : 34.5/27

Out: -1458.829 $\pm$ 642.253 χ^2/NDF : 47.6/30

All: -1309.950 $\pm$ 463.276 χ^2/NDF : 82.1/58

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.949+/-0.501 χ^2/NDF :331736.3/12

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2250.347+/-0.532 χ^2/NDF :201845.5/10

Left: 2225.746+/-0.365 χ^2/NDF : 537607.6/23

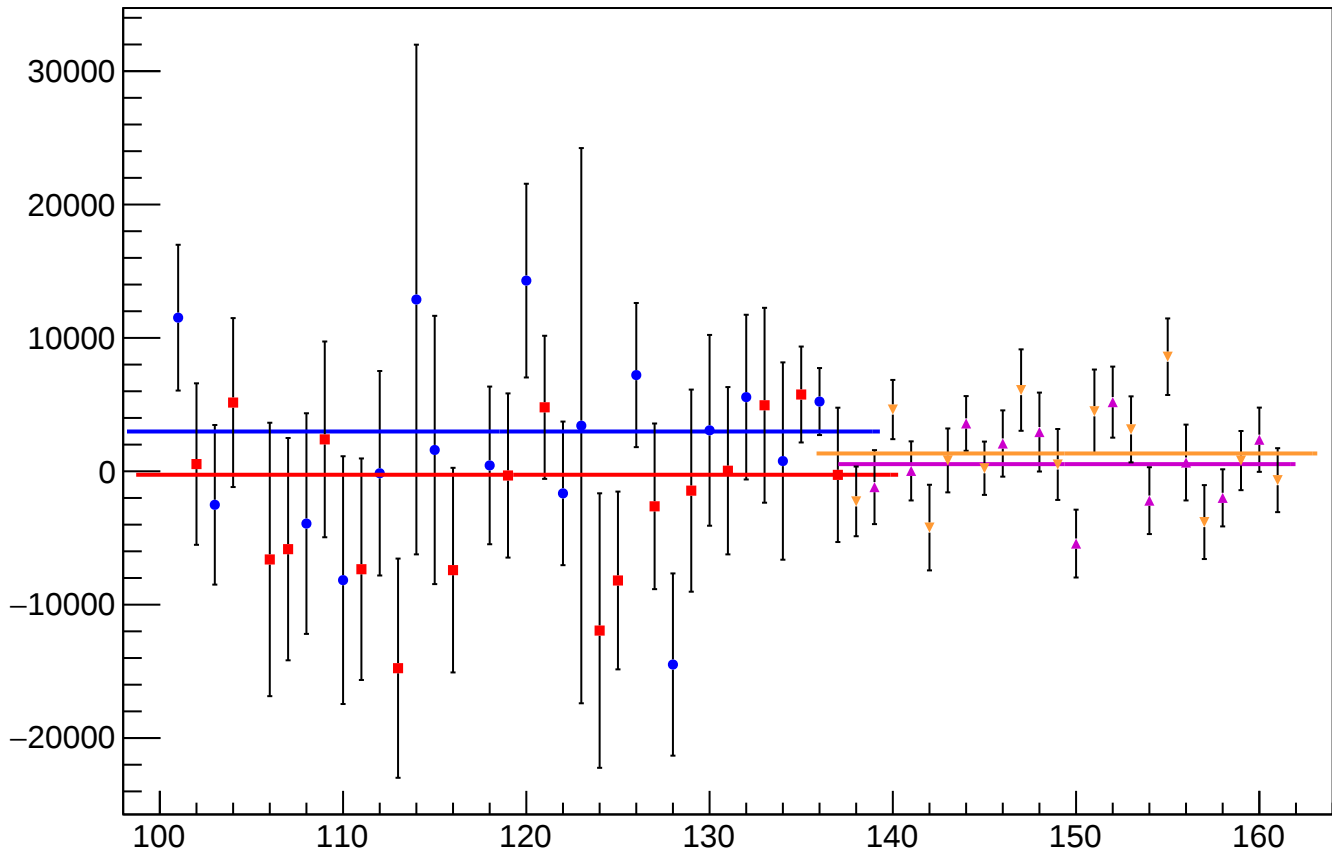
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2536.470+/-0.473 χ^2/NDF :2662713.2/27

Out: 2504.791+/-0.454 χ^2/NDF :3338415.8/30

All: 2519.987+/-0.328 χ^2/NDF : 6003463.1/58

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1336.213+/-704.638 χ^2/NDF : 22.1/12

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 537.016+/-741.943 χ^2/NDF : 15.4/10

Left: 957.210+/-510.934 χ^2/NDF : 38.1/23

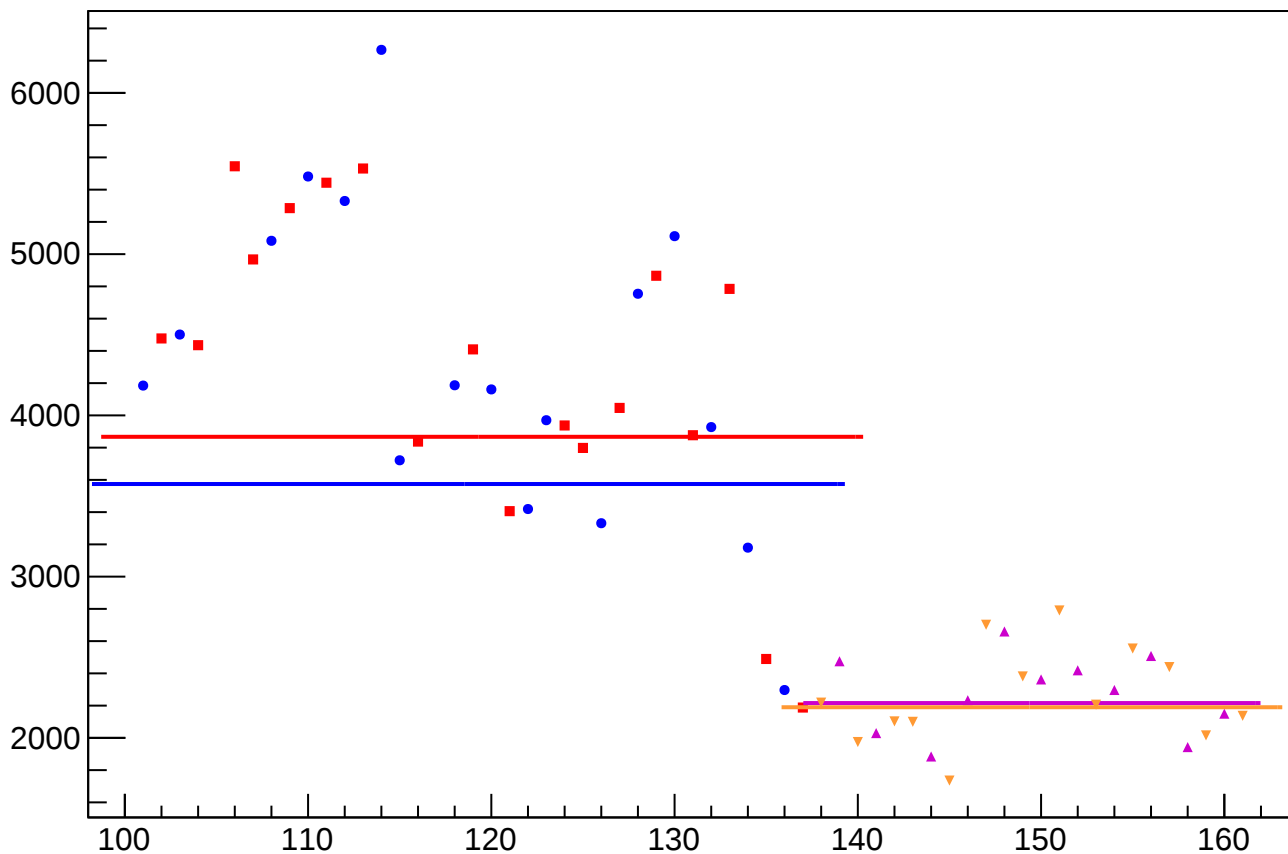
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1048.222+/-659.893 χ^2/NDF : 35.1/27

Out: 1050.934+/-638.562 χ^2/NDF : 36.5/30

All: 1049.623+/-458.887 χ^2/NDF : 71.6/58

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2189.925 $\pm$ 0.498 χ^2 /NDF:328851.1/12

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2215.915 $\pm$ 0.525 χ^2 /NDF:204448.2/10

Left: 2202.250 $\pm$ 0.361 χ^2 /NDF: 534589.7/23

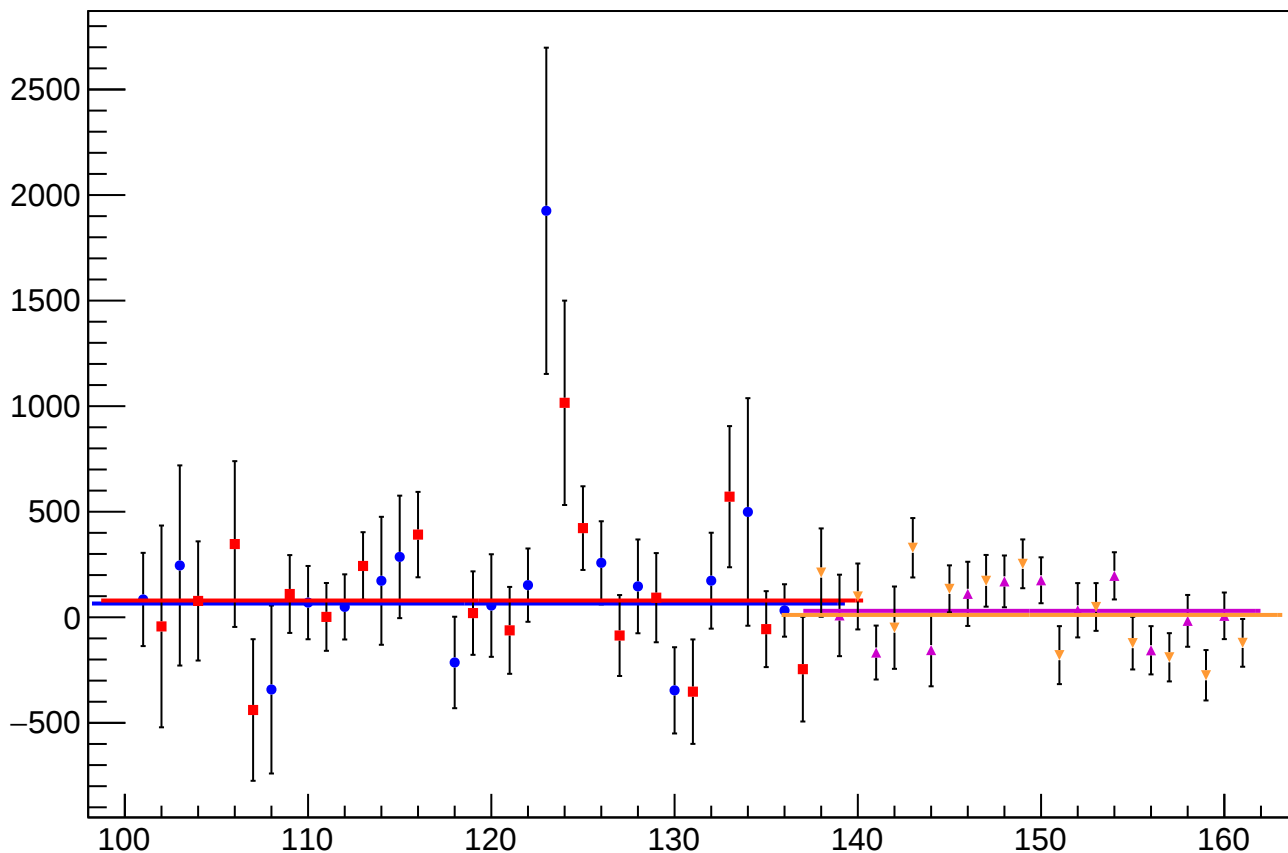
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2499.758 $\pm$ 0.467 χ^2 /NDF:2696707.3/27

Out: 2489.749 $\pm$ 0.452 χ^2 /NDF:3322697.9/30

All: 2494.589 $\pm$ 0.324 χ^2 /NDF: 6019642.8/58

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 11.172+/-35.734 χ^2/NDF : 27.2/12

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: 30.585+/-38.297 χ^2/NDF : 12.0/10

Left: 20.207+/-26.127 χ^2/NDF : 39.3/23

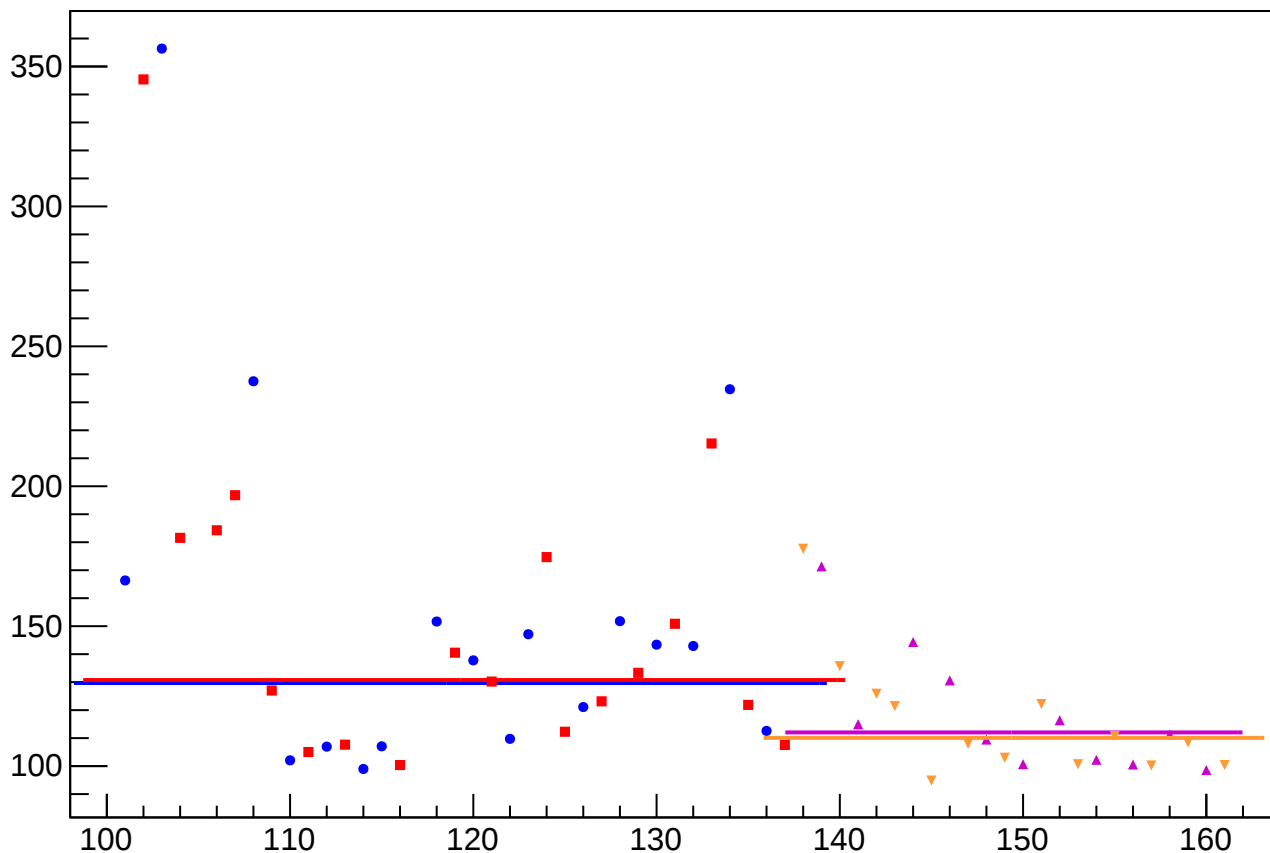
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 42.556+/-30.981 χ^2/NDF : 28.0/27

Out: 32.884+/-29.513 χ^2/NDF : 50.5/30

All: 37.486+/-21.369 χ^2/NDF : 78.5/58

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 110.088 $\pm$ 0.025 χ^2 /NDF: 393517.9/12

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 112.034 $\pm$ 0.027 χ^2 /NDF: 381132.8/10

Left: 110.994 $\pm$ 0.018 χ^2 /NDF: 777411.3/23

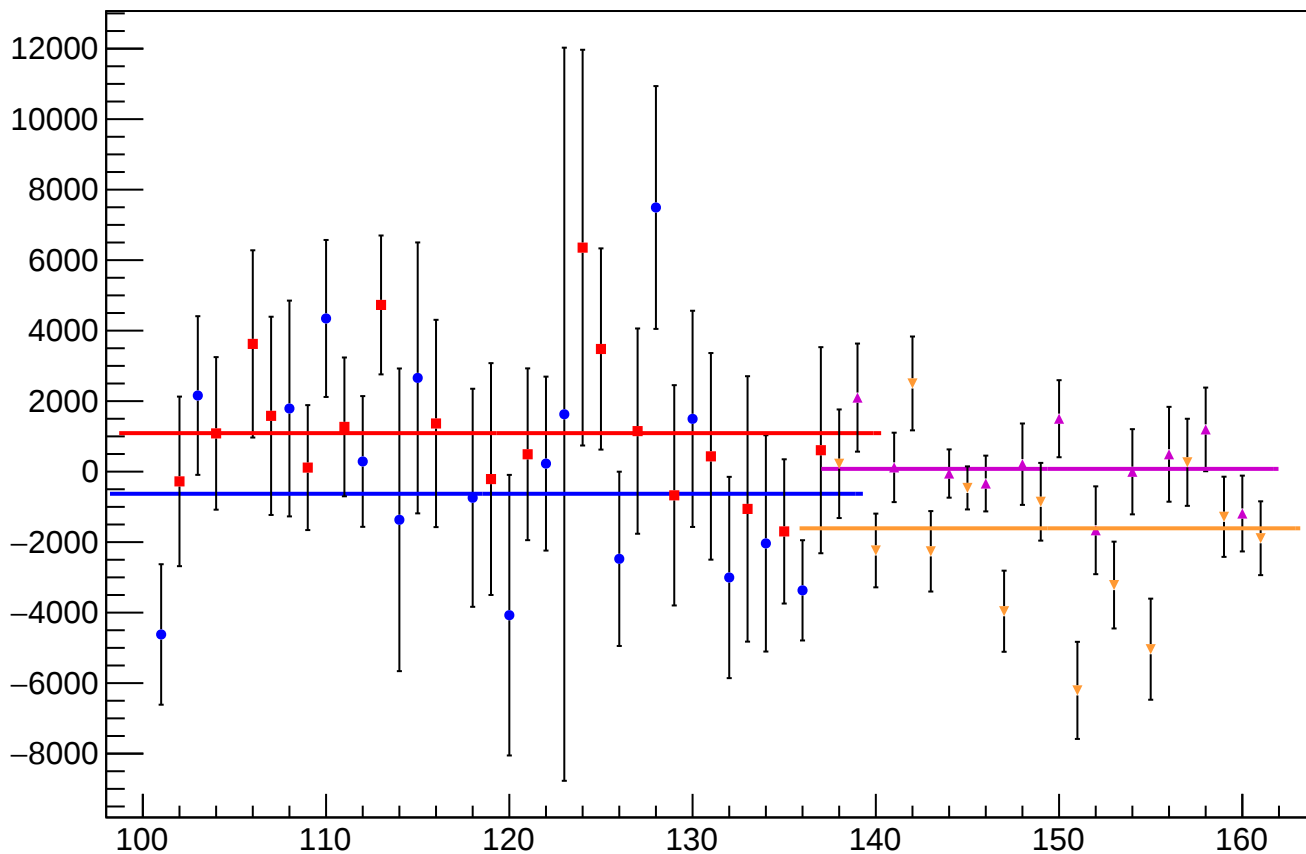
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 118.138 $\pm$ 0.022 χ^2 /NDF: 1517834.8/27

Out: 116.657 $\pm$ 0.021 χ^2 /NDF: 1533651.2/30

All: 117.361 $\pm$ 0.015 χ^2 /NDF: 3053882.7/58

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1608.015 ± 302.357 χ^2/NDF : 40.8/12

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 78.083 ± 312.669 χ^2/NDF : 8.1/10

Left: -793.227 ± 217.353 χ^2/NDF : 63.9/23

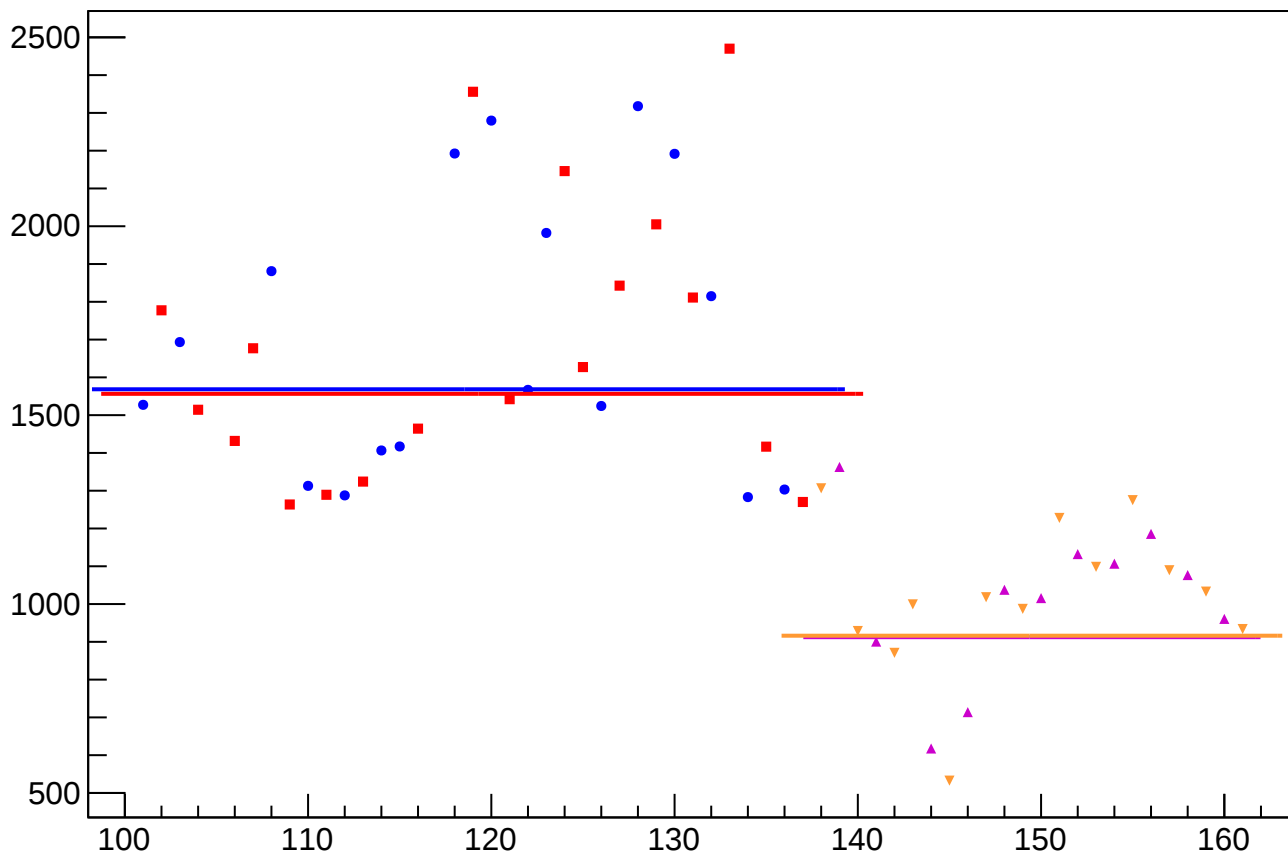
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -64.570 ± 279.312 χ^2/NDF : 33.4/27

Out: -1060.477 ± 269.963 χ^2/NDF : 66.4/30

All: -579.469 ± 194.114 χ^2/NDF : 106.3/58

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 916.226 $\pm$ 0.214 χ^2 /NDF:1286583.2/12

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 912.317 $\pm$ 0.221 χ^2 /NDF:949545.1/10

Left: 914.337 $\pm$ 0.154 χ^2 /NDF: 2236289.8/23

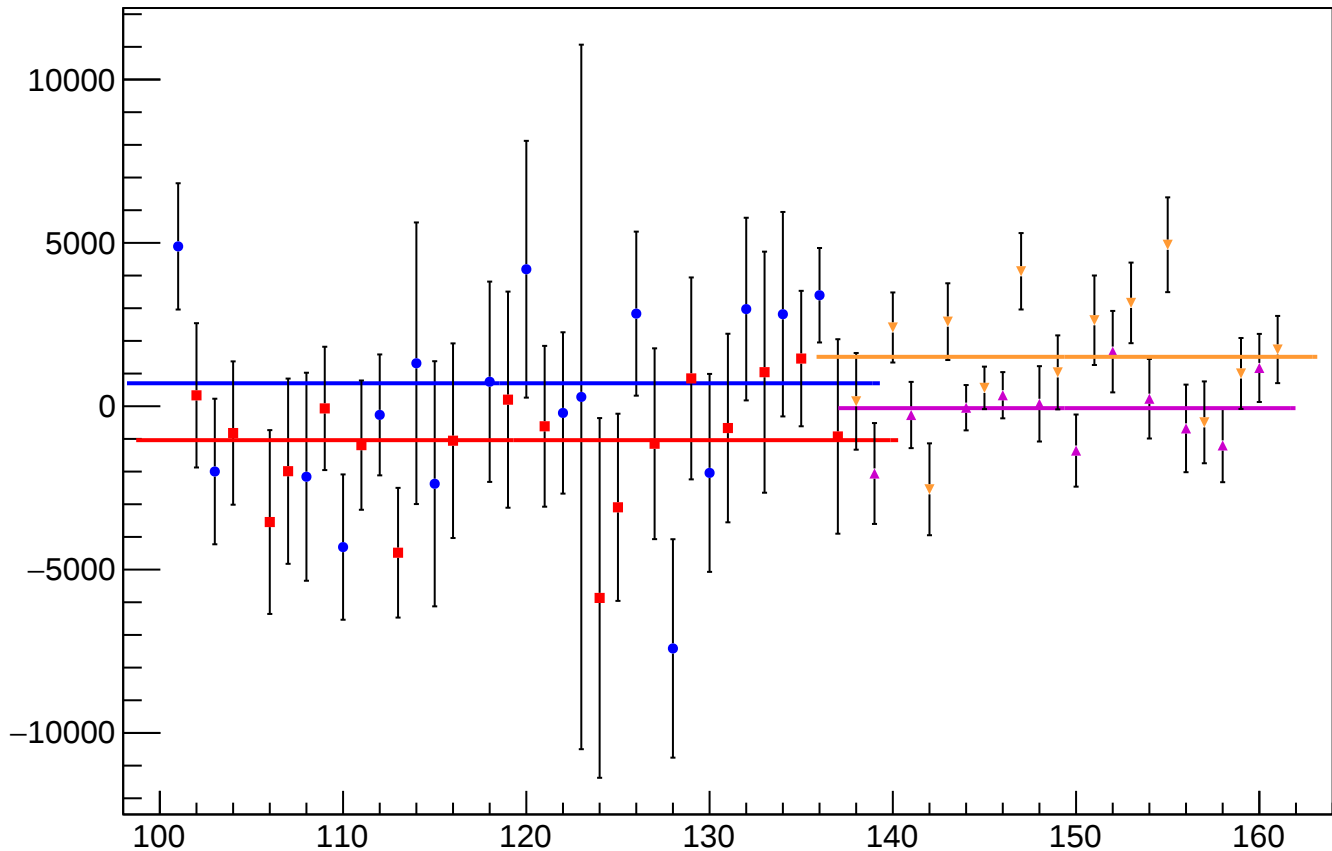
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1044.851 $\pm$ 0.198 χ^2 /NDF:3262851.1/27

Out: 1046.054 $\pm$ 0.191 χ^2 /NDF:3615375.7/30

All: 1045.473 $\pm$ 0.137 χ^2 /NDF: 6878246.1/58

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1512.163+/-308.176 χ^2/NDF : 28.9/12

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -58.395+/-306.780 χ^2/NDF : 8.0/10

Left: 723.316+/-217.418 χ^2/NDF : 50.0/23

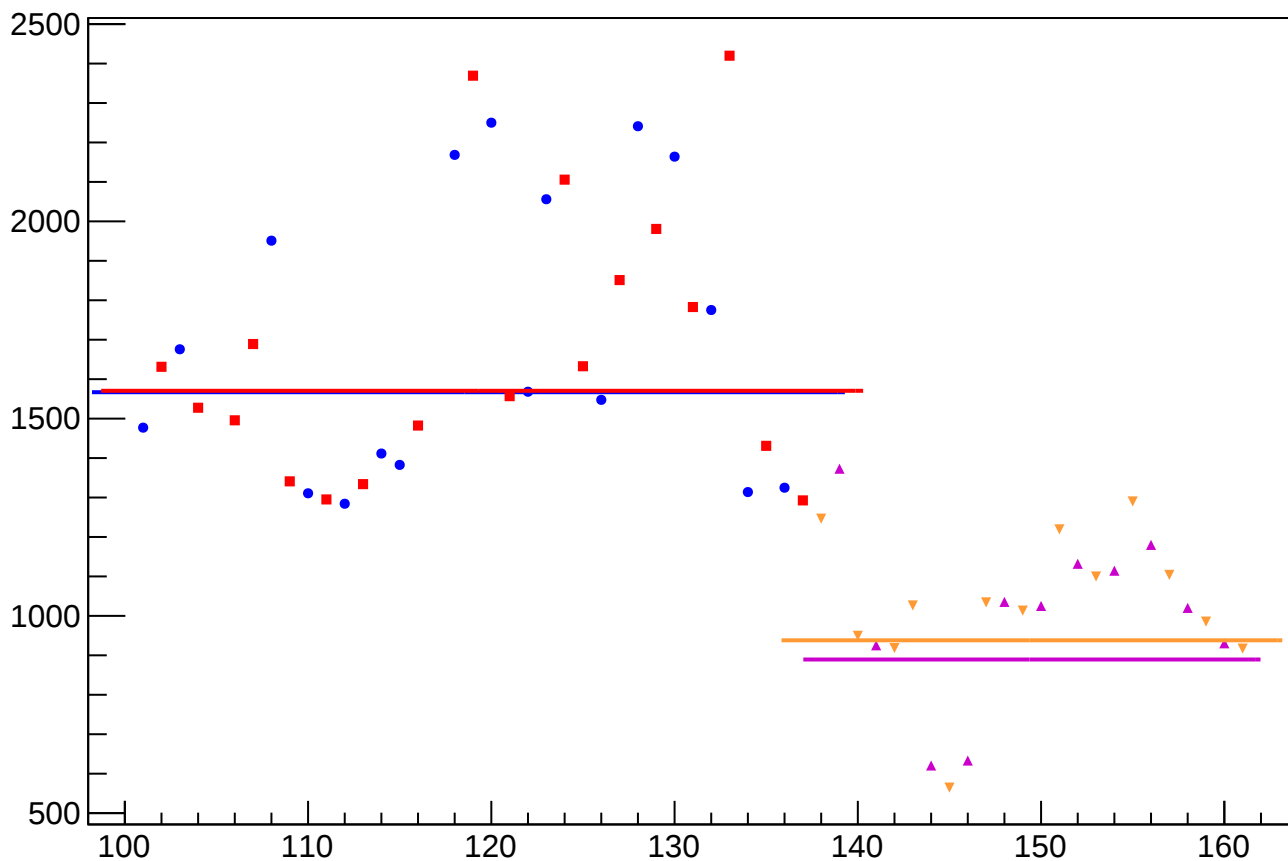
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 91.127+/-275.015 χ^2/NDF : 35.2/27

Out: 985.666+/-274.533 χ^2/NDF : 51.2/30

All: 539.181+/-194.294 χ^2/NDF : 91.8/58

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 938.057 $\pm$ 0.218 χ^2 /NDF: 1056980.5/12

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 889.405 $\pm$ 0.217 χ^2 /NDF: 1091462.5/10

Left: 913.621 $\pm$ 0.154 χ^2 /NDF: 2173479.2/23

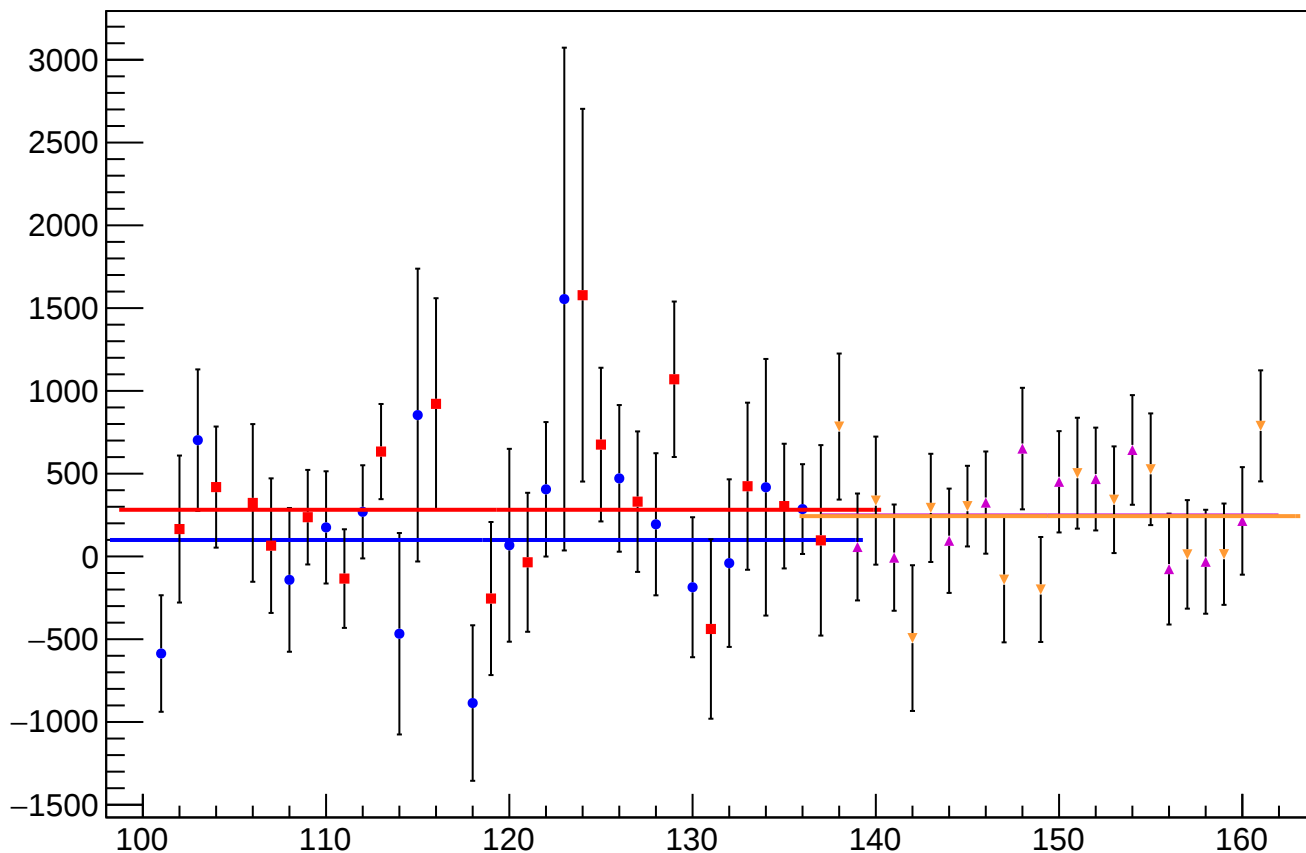
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1022.448 $\pm$ 0.194 χ^2 /NDF: 3506880.2/27

Out: 1068.617 $\pm$ 0.194 χ^2 /NDF: 3235226.9/30

All: 1045.573 $\pm$ 0.137 χ^2 /NDF: 6770339.5/58

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 243.479 $\pm$ 92.714 χ^2/NDF : 12.5/12

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 247.561 $\pm$ 97.128 χ^2/NDF : 6.6/10

Left: 245.426 $\pm$ 67.065 χ^2/NDF : 19.1/23

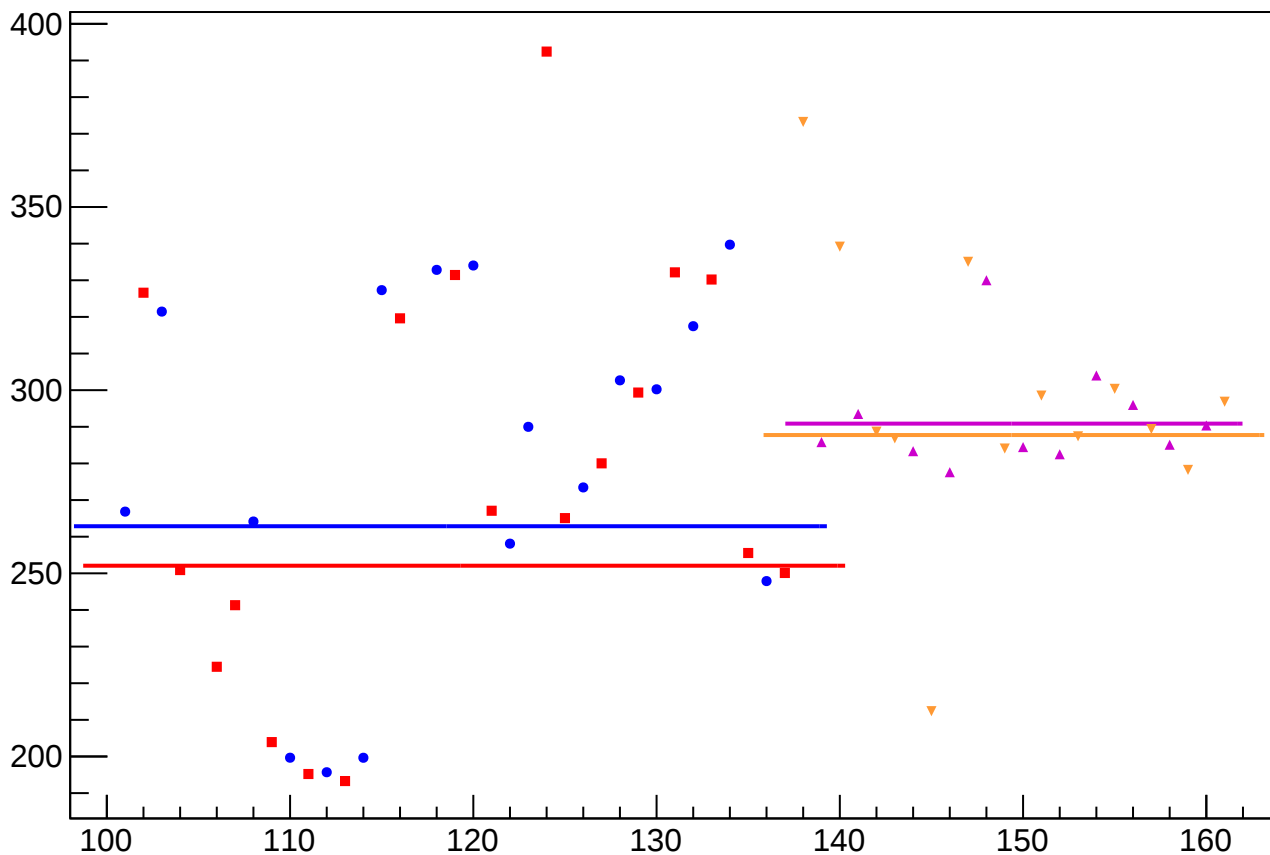
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 178.150 $\pm$ 70.814 χ^2/NDF : 23.6/27

Out: 261.616 $\pm$ 67.311 χ^2/NDF : 26.3/30

All: 221.998 $\pm$ 48.787 χ^2/NDF : 50.7/58

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 287.752 $\pm$ 0.066 χ^2 /NDF:341781.0/12

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 290.866 $\pm$ 0.069 χ^2 /NDF:34822.7/10

Left: 289.237 $\pm$ 0.047 χ^2 /NDF: 377679.6/23

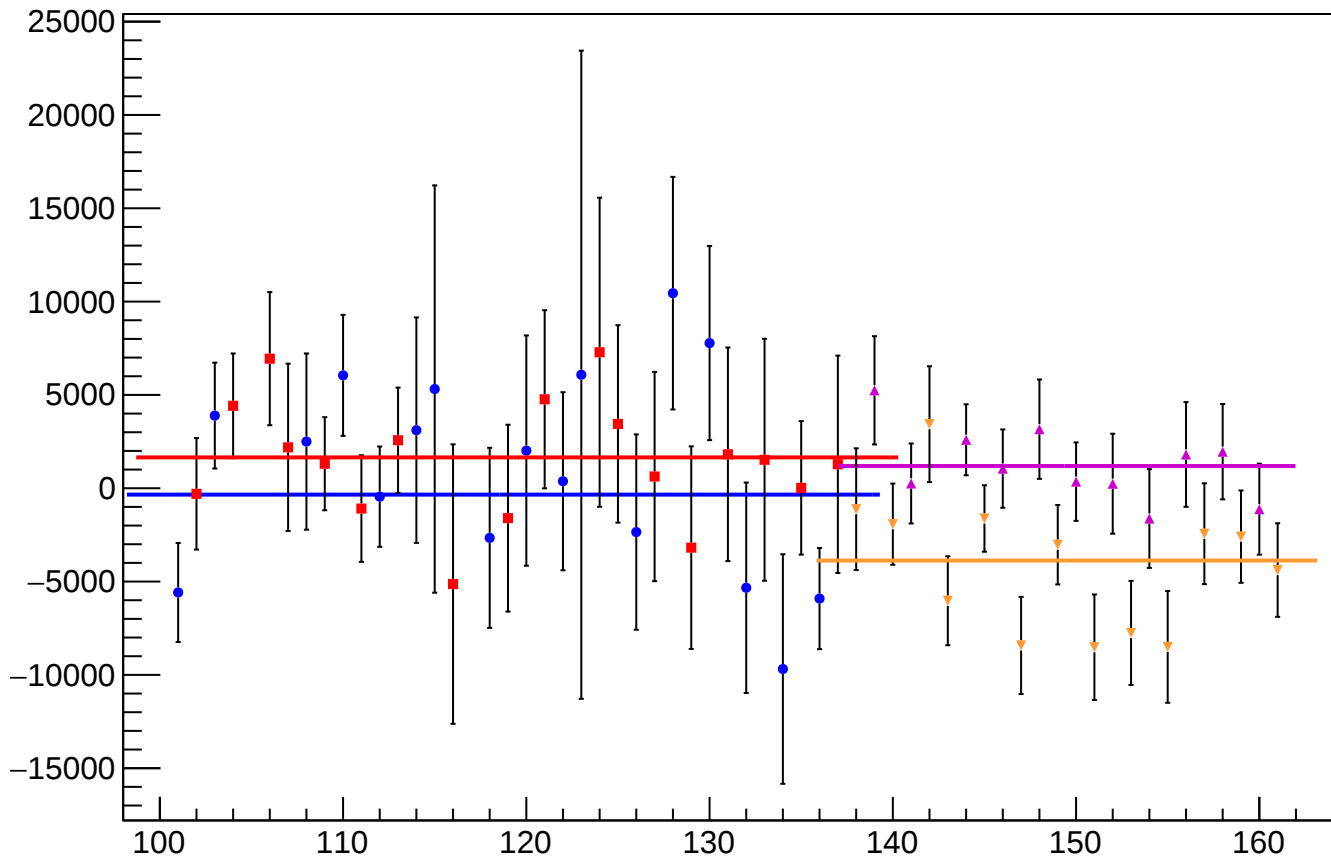
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 277.745 $\pm$ 0.050 χ^2 /NDF:524437.3/27

Out: 270.882 $\pm$ 0.048 χ^2 /NDF:996953.6/30

All: 274.140 $\pm$ 0.034 χ^2 /NDF: 1531260.3/58

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -3871.285+/-690.950 χ^2/NDF : 20.3/12

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 1189.379+/-718.063 χ^2/NDF : 5.7/10

Left: -1438.298+/-497.885 χ^2/NDF : 51.8/23

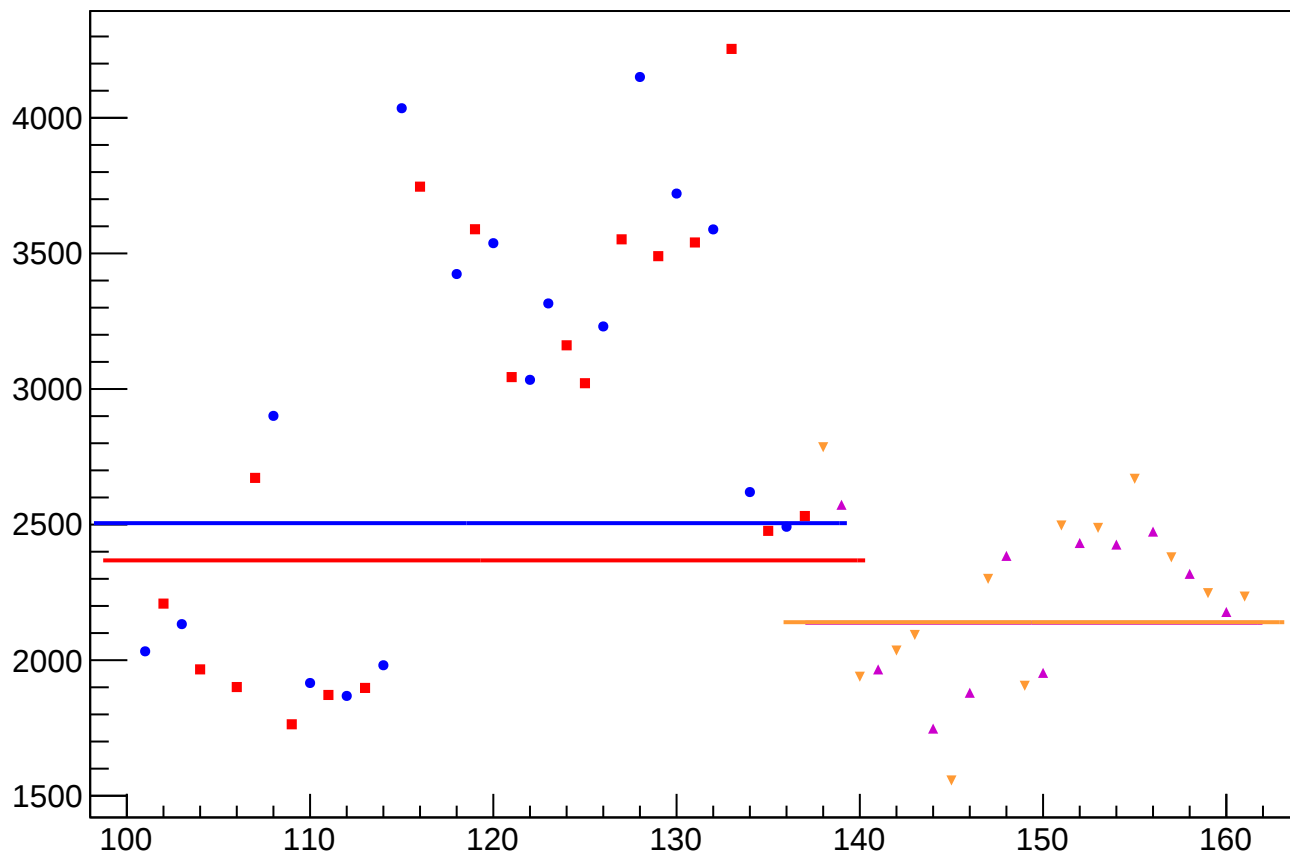
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 671.732+/-584.184 χ^2/NDF : 31.7/27

Out: -1906.481+/-554.599 χ^2/NDF : 51.0/30

All: -684.309+/-402.213 χ^2/NDF : 92.9/58

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2140.079+/-0.489 χ^2/NDF : 493159.4/12

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2138.040+/-0.508 χ^2/NDF : 292226.3/10

Left: 2139.099+/-0.352 χ^2/NDF : 785394.0/23

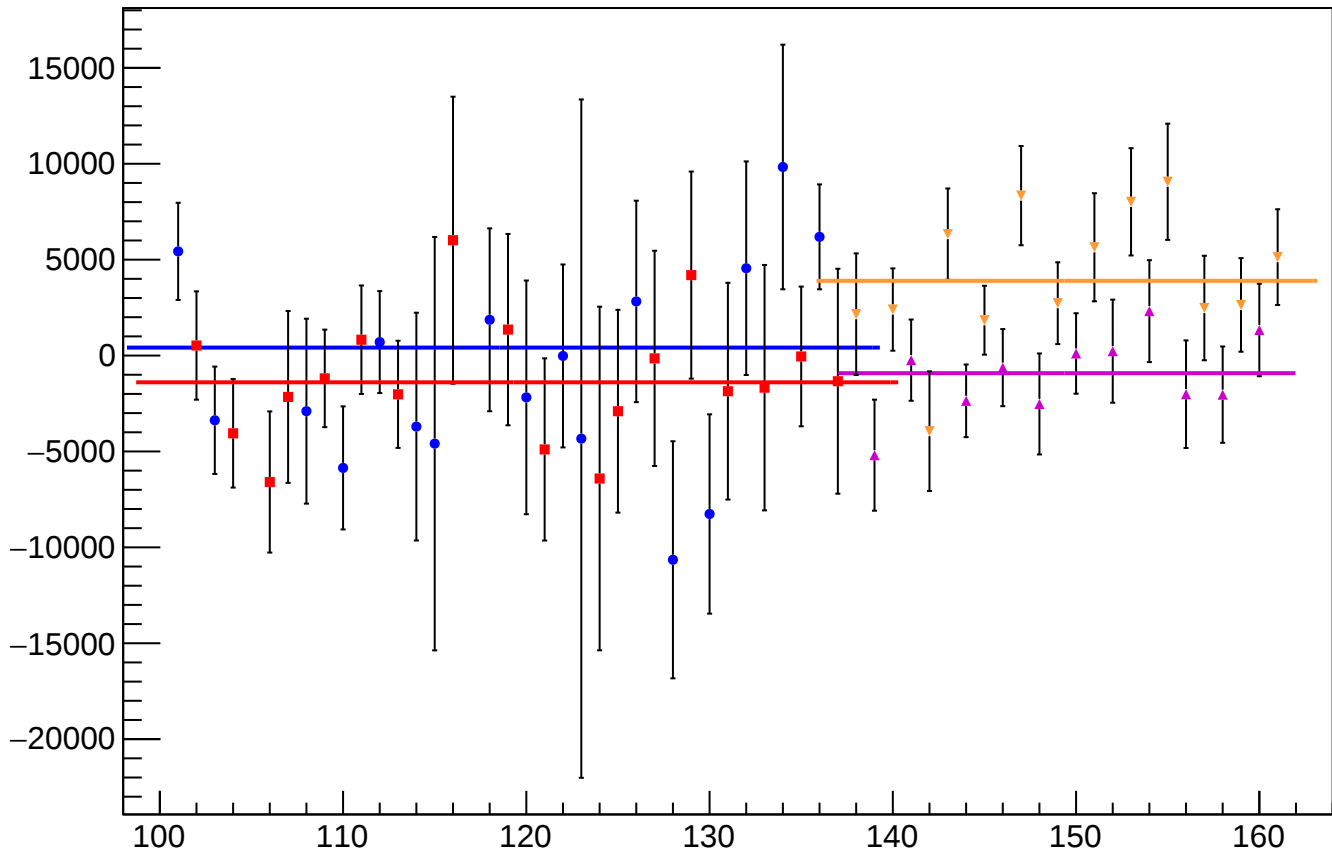
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2262.231+/-0.413 χ^2/NDF : 1333290.9/27

Out: 2221.160+/-0.392 χ^2/NDF : 1601457.1/30

All: 2240.629+/-0.284 χ^2/NDF : 2939947.6/58

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3897.896 $\pm$ 689.784 χ^2 /NDF:19.0/12

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -918.483 $\pm$ 711.139 χ^2 /NDF:6.4/10

Left: 1563.107 $\pm$ 495.128 χ^2 /NDF: 49.0/23

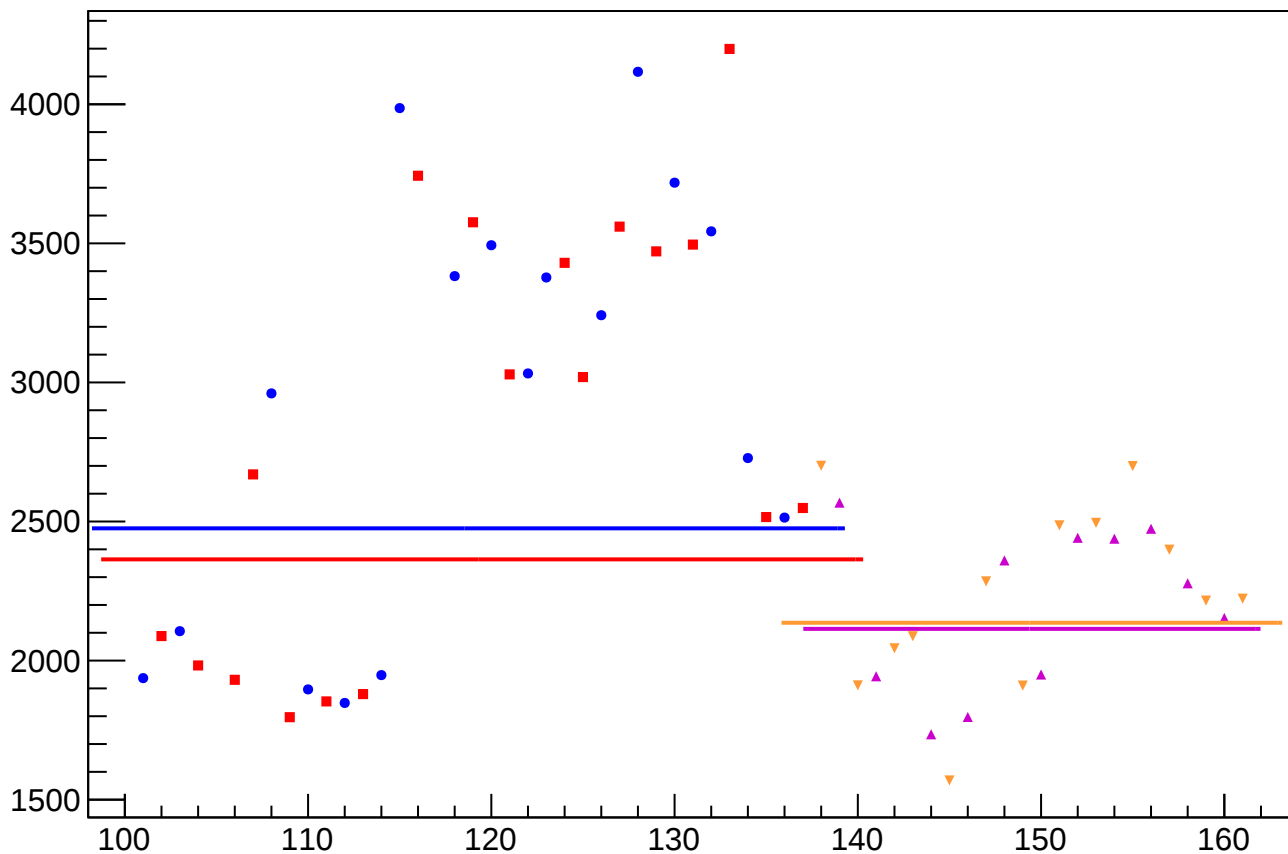
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -467.388 $\pm$ 578.544 χ^2 /NDF:32.1/27

Out: 2017.001 $\pm$ 553.813 χ^2 /NDF:47.4/30

All: 829.039 $\pm$ 400.062 χ^2 /NDF: 89.1/58

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2136.035+/-0.488 χ^2/NDF : 472607.6/12

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2114.061+/-0.503 χ^2/NDF : 322925.5/10

Left: 2125.383+/-0.350 χ^2/NDF : 796517.0/23

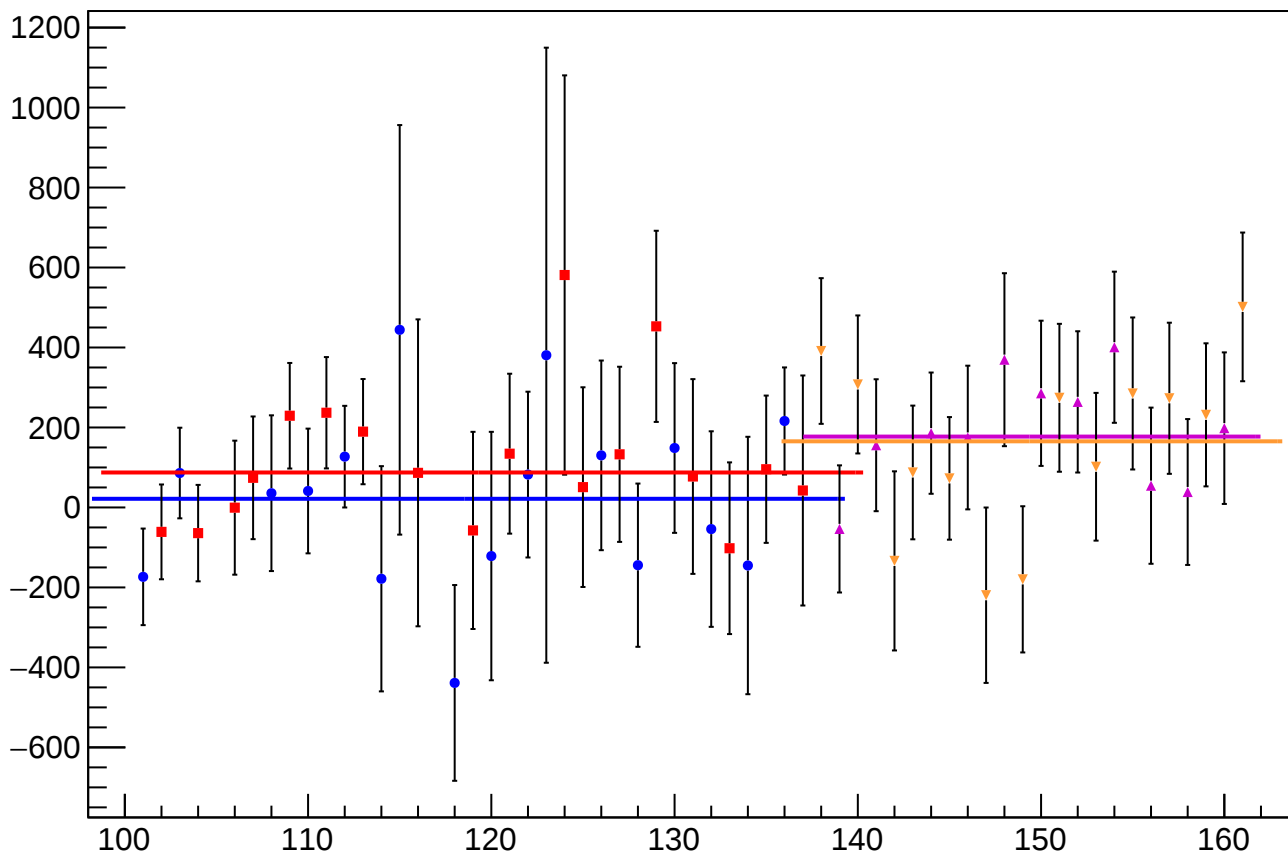
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2236.257+/-0.409 χ^2/NDF : 1410636.2/27

Out: 2217.017+/-0.392 χ^2/NDF : 1577051.6/30

All: 2226.217+/-0.283 χ^2/NDF : 2988842.0/58

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 165.375 $\pm$ 50.826 χ^2/NDF : 15.8/12

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 177.211 $\pm$ 53.706 χ^2/NDF : 5.9/10

Left: 170.967 $\pm$ 36.915 χ^2/NDF : 21.7/23

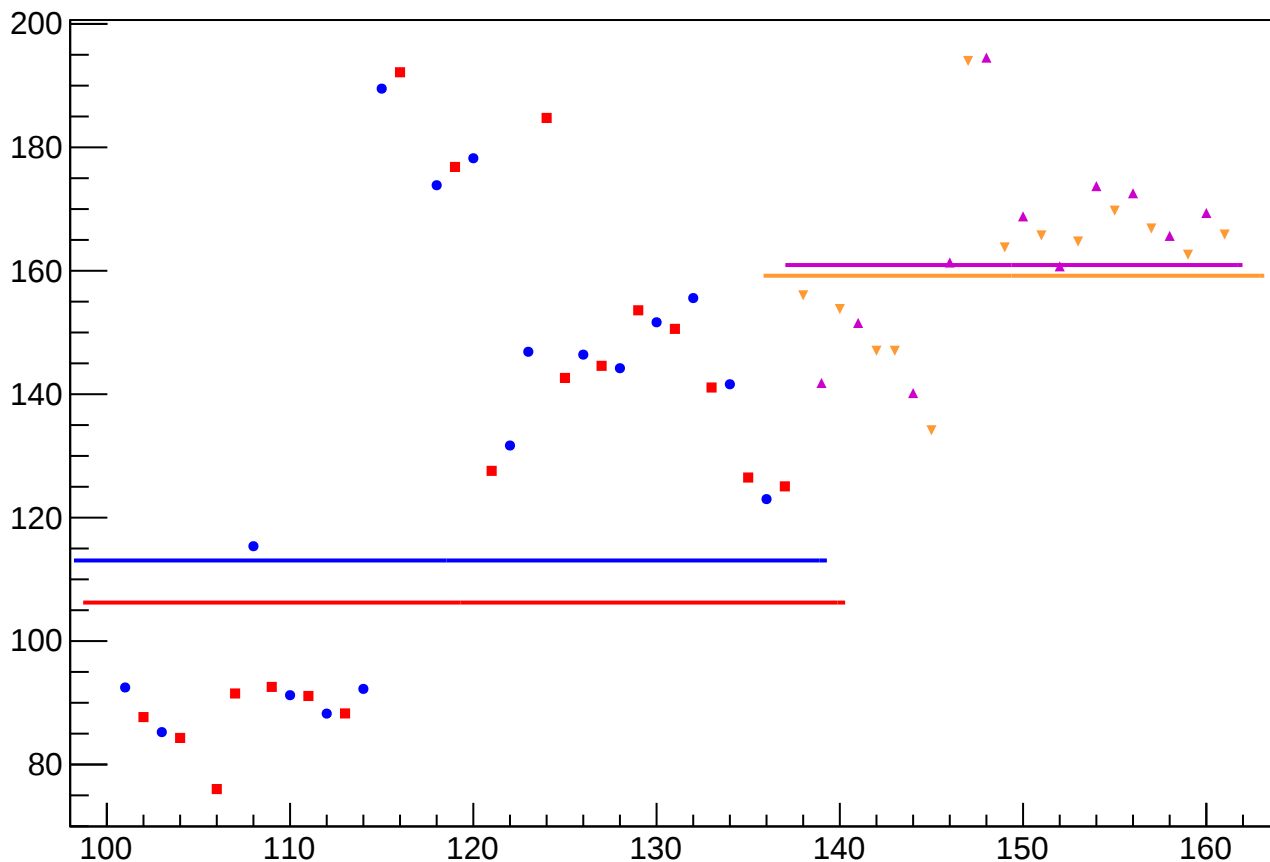
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 86.077 $\pm$ 34.563 χ^2/NDF : 23.4/27

Out: 118.908 $\pm$ 32.296 χ^2/NDF : 28.2/30

All: 103.604 $\pm$ 23.598 χ^2/NDF : 52.0/58

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 159.199 $\pm$ 0.036 χ^2 /NDF: 141067.9/12

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 160.932 $\pm$ 0.038 χ^2 /NDF: 146461.1/10

Left: 160.018 $\pm$ 0.026 χ^2 /NDF: 288627.9/23

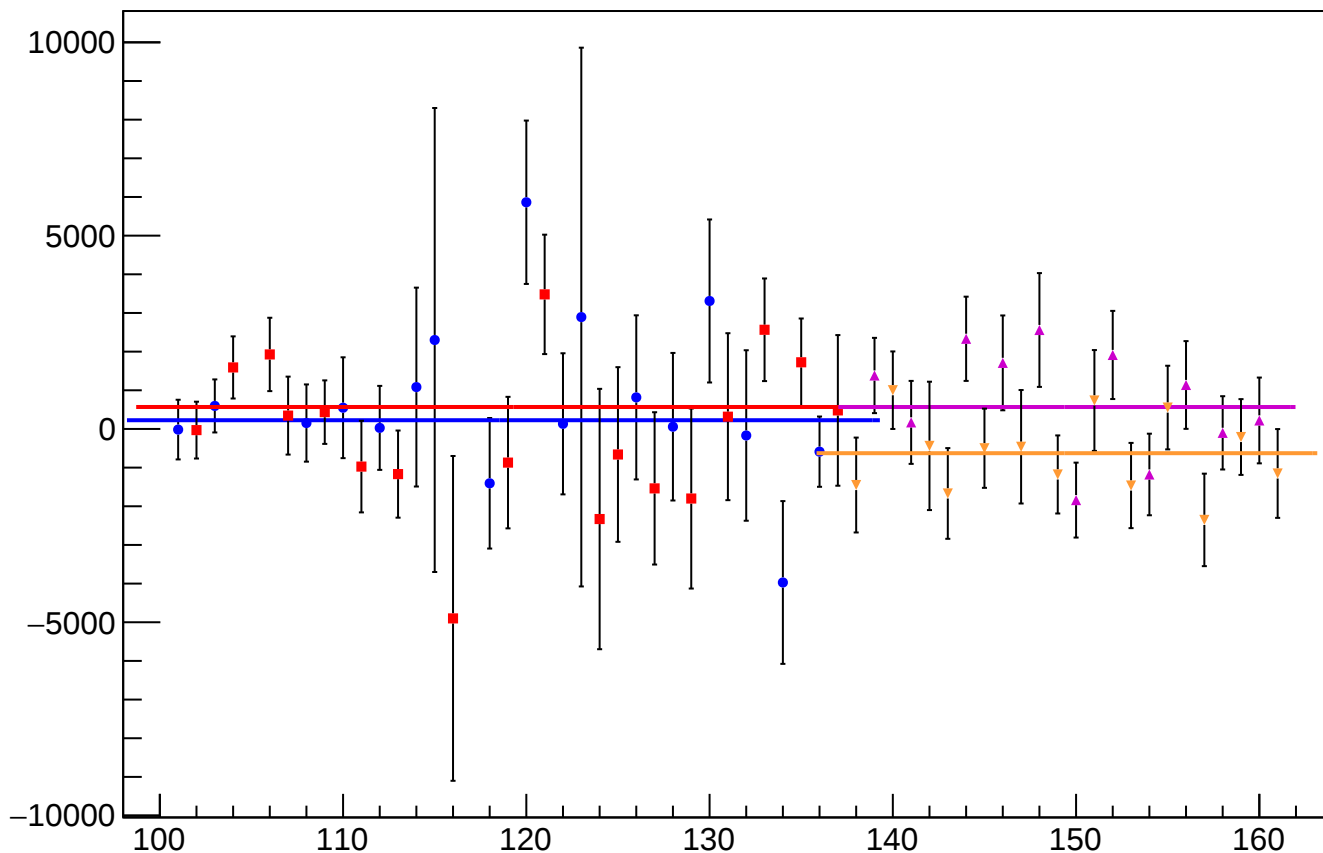
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 132.886 $\pm$ 0.024 χ^2 /NDF: 1898236.8/27

Out: 127.624 $\pm$ 0.023 χ^2 /NDF: 2387395.4/30

All: 130.077 $\pm$ 0.017 χ^2 /NDF: 4310384.2/58

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -627.090 $\pm$ 317.658 χ^2/NDF : 9.5/12

Right Out: 568.109 $\pm$ 290.500 χ^2/NDF : 21.0/17

Left In: 567.386 $\pm$ 327.424 χ^2/NDF : 17.3/10

Left: -47.930 $\pm$ 227.993 χ^2/NDF : 33.7/23

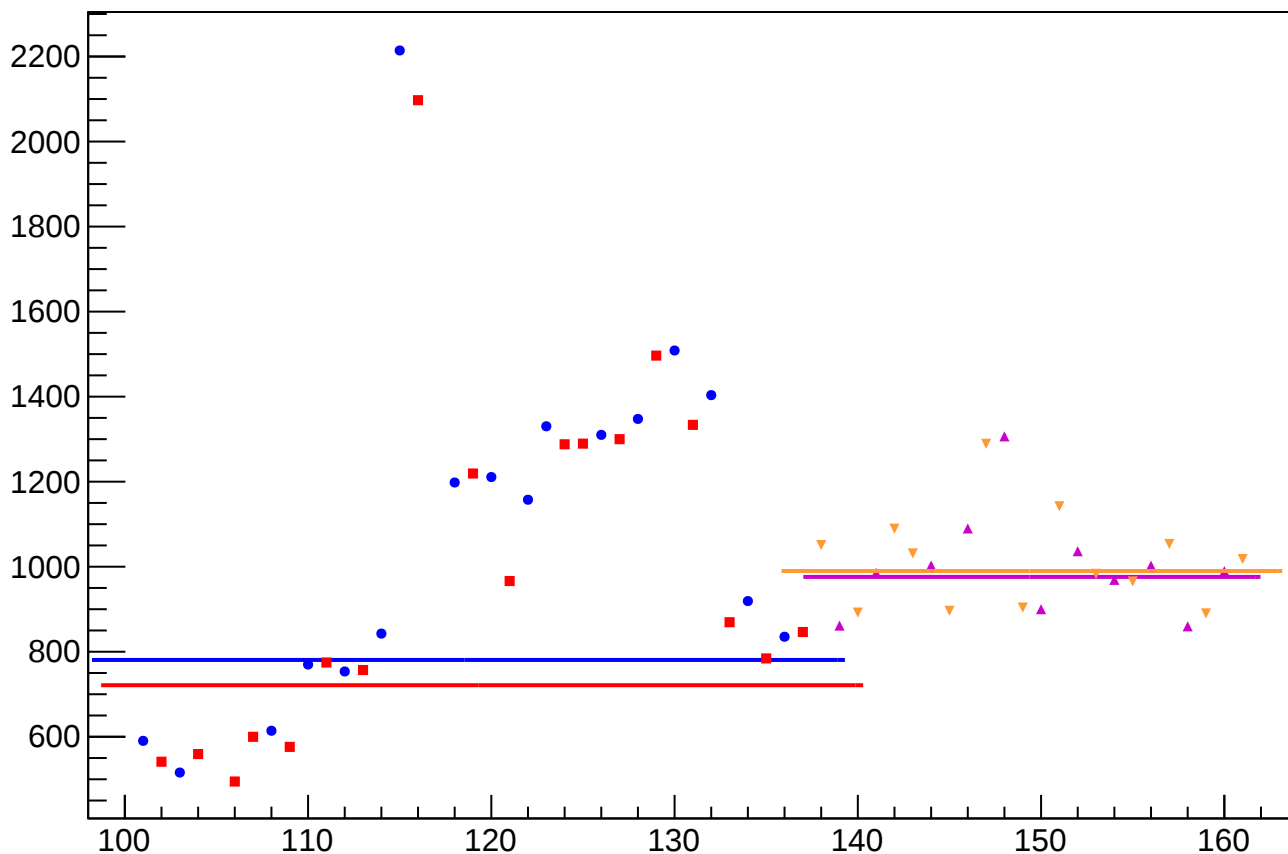
Right: 414.129 $\pm$ 215.517 χ^2/NDF : 37.6/34

In: 393.344 $\pm$ 229.368 χ^2/NDF : 33.8/27

Out: 23.777 $\pm$ 214.374 χ^2/NDF : 38.2/30

All: 196.087 $\pm$ 156.618 χ^2/NDF : 73.4/58

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 989.843 $\pm$ 0.225 χ^2 /NDF:203876.0/12

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 976.038 $\pm$ 0.232 χ^2 /NDF:196697.9/10

Left: 983.150 $\pm$ 0.161 χ^2 /NDF: 402405.4/23

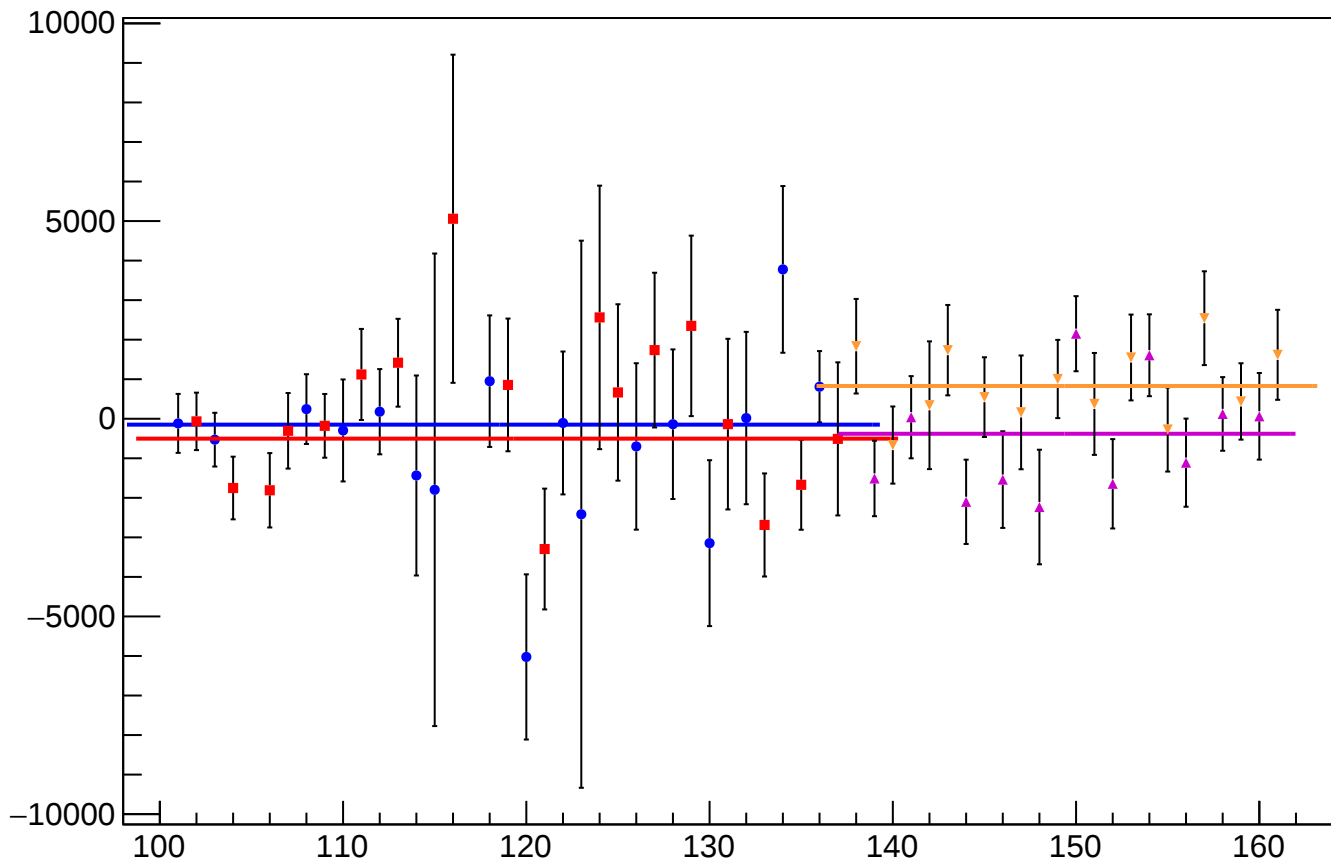
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 876.559 $\pm$ 0.162 χ^2 /NDF:2168724.5/27

Out: 843.583 $\pm$ 0.152 χ^2 /NDF:2609090.9/30

All: 858.958 $\pm$ 0.111 χ^2 /NDF: 4799880.1/58

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 828.290+/-311.972 χ^2/NDF : 8.5/12

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -379.768+/-321.653 χ^2/NDF : 19.6/10

Left: 242.715+/-223.942 χ^2/NDF : 35.4/23

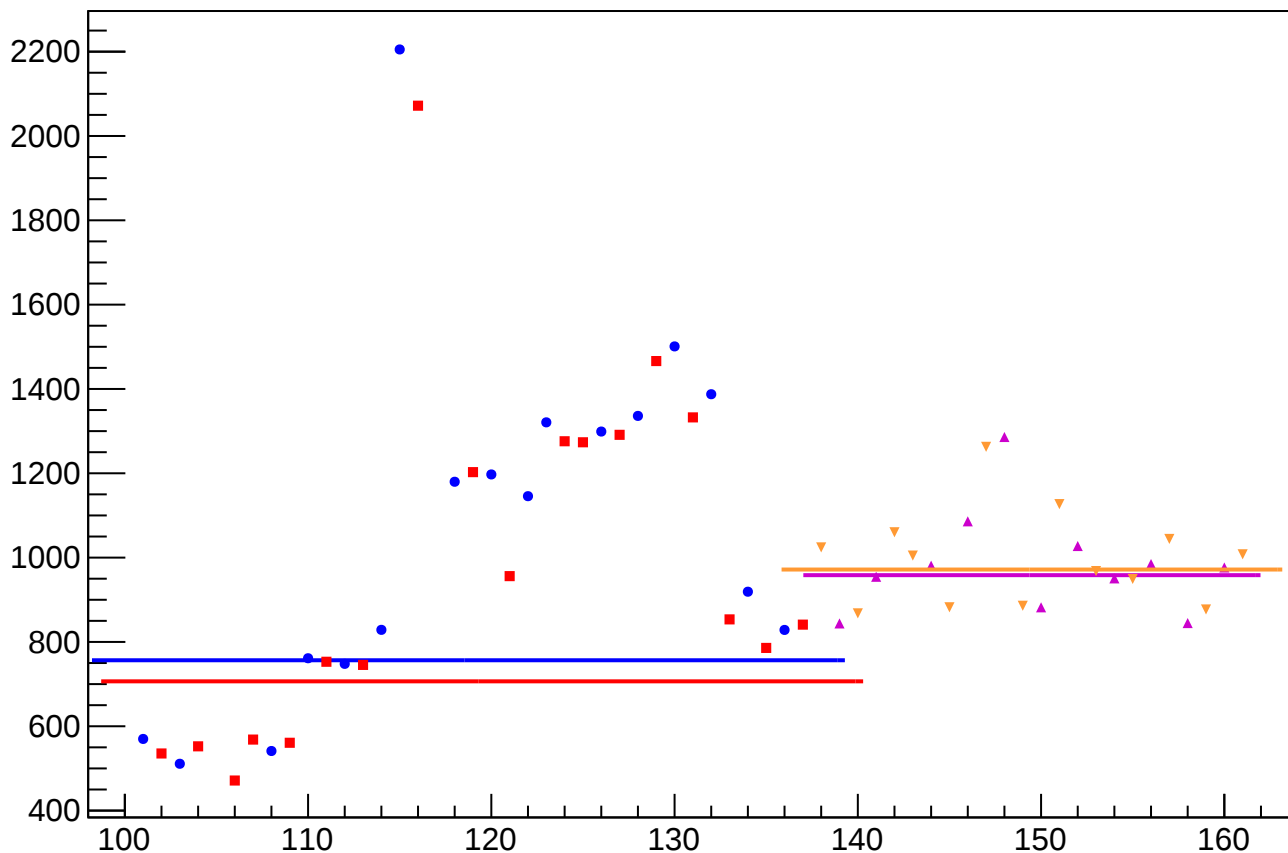
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -261.308+/-224.308 χ^2/NDF : 36.0/27

Out: 104.338+/-210.730 χ^2/NDF : 42.0/30

All: -67.084+/-153.584 χ^2/NDF : 79.4/58

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 971.718 $\pm$ 0.221 χ^2 /NDF:205479.4/12

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 958.383 $\pm$ 0.227 χ^2 /NDF:205743.5/10

Left: 965.254 $\pm$ 0.158 χ^2 /NDF: 412994.3/23

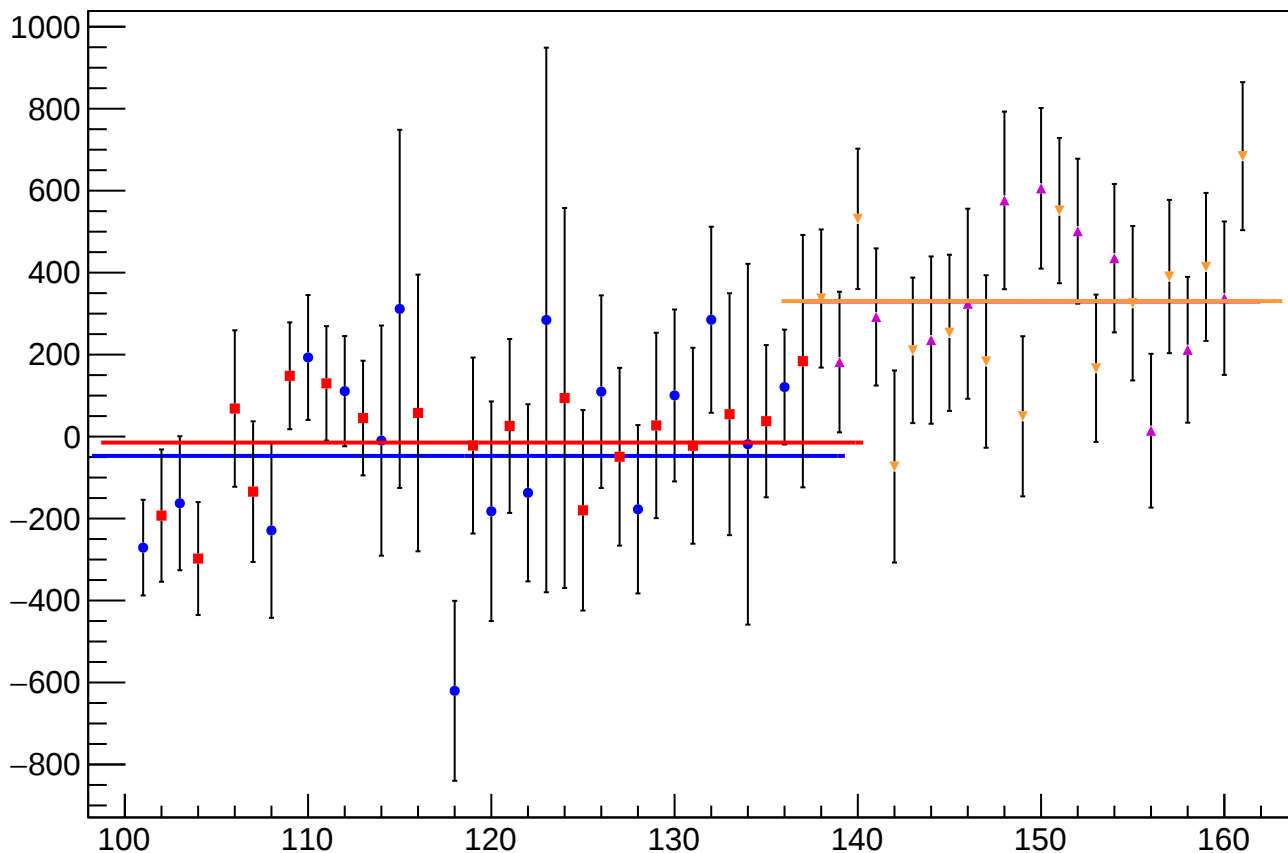
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 854.697 $\pm$ 0.159 χ^2 /NDF:2323950.7/27

Out: 827.538 $\pm$ 0.149 χ^2 /NDF:2661134.2/30

All: 840.271 $\pm$ 0.109 χ^2 /NDF: 5000660.0/58

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 330.598 ± 51.543 $\chi^2/\text{NDF}: 14.1/12$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 329.532 ± 56.735 $\chi^2/\text{NDF}: 8.8/10$

Left: 330.116 ± 38.150 $\chi^2/\text{NDF}: 22.9/23$

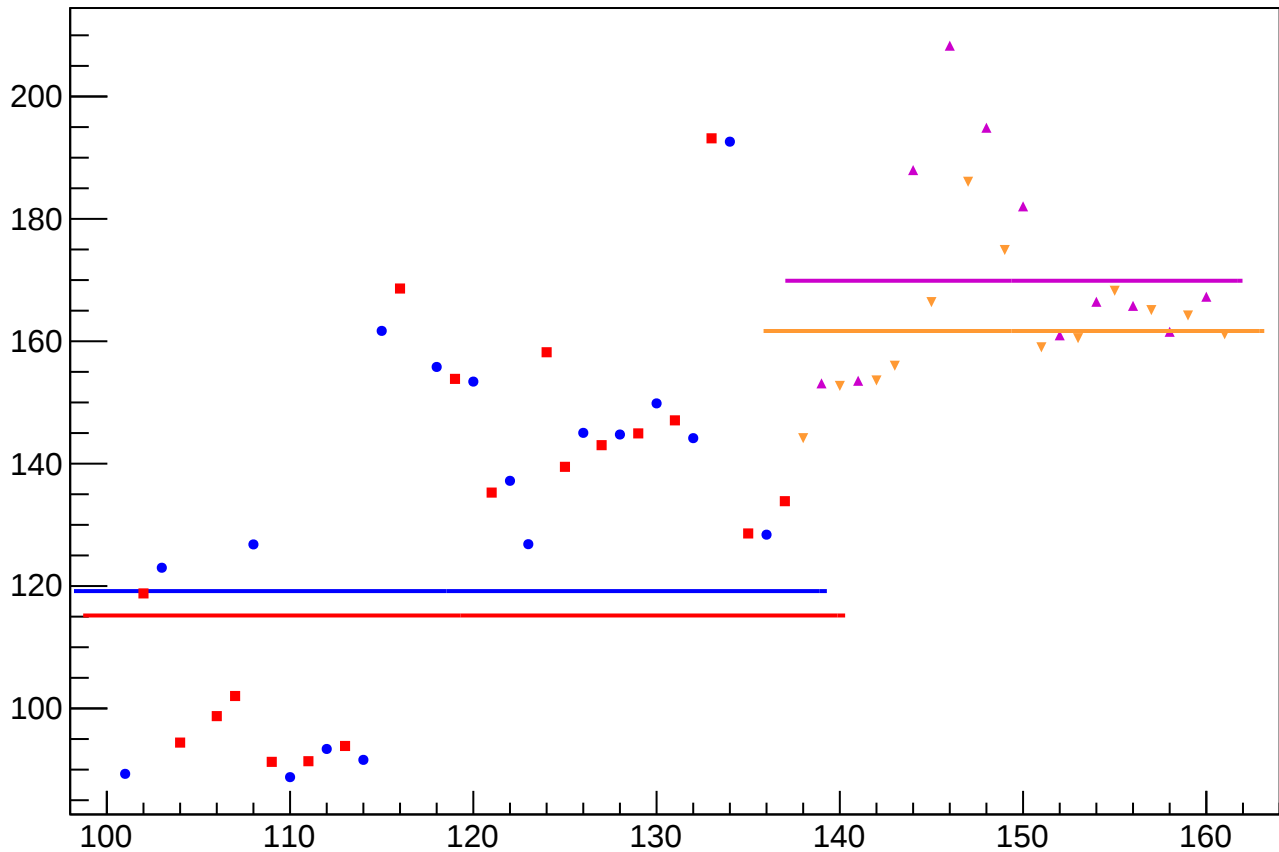
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 107.183 ± 36.316 $\chi^2/\text{NDF}: 56.7/27$

Out: 134.131 ± 33.834 $\chi^2/\text{NDF}: 49.7/30$

All: 121.609 ± 24.755 $\chi^2/\text{NDF}: 106.8/58$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.679+/-0.036 χ^2/NDF : 72835.7/12

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 169.889+/-0.040 χ^2/NDF : 154666.3/10

Left: 165.391+/-0.027 χ^2/NDF : 250447.4/23

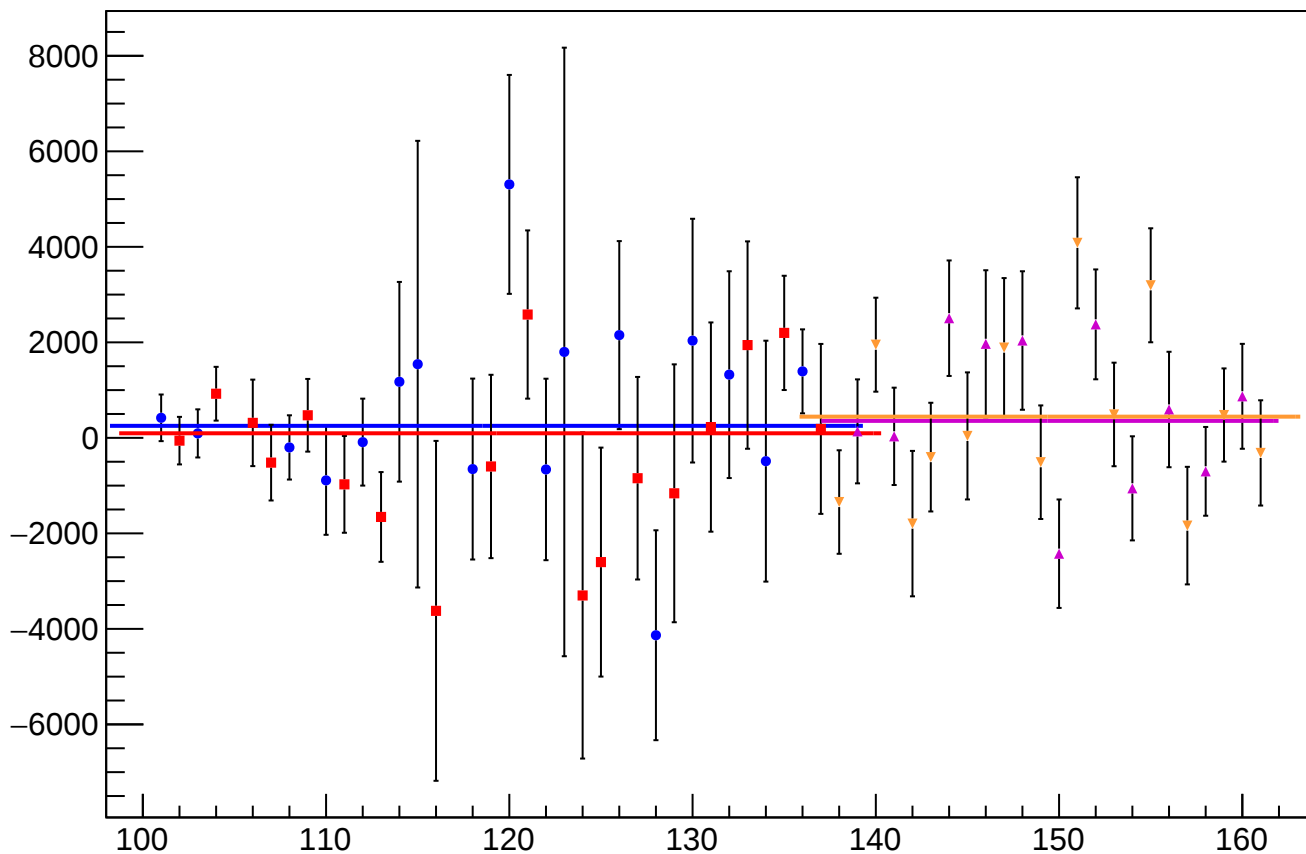
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 139.954+/-0.026 χ^2/NDF : 1713242.2/27

Out: 135.220+/-0.024 χ^2/NDF : 1674447.8/30

All: 137.420+/-0.018 χ^2/NDF : 3405881.9/58

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 444.051+/-325.342 χ^2/NDF :25.8/12

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 355.606+/-344.412 χ^2/NDF :18.1/10

Left: 402.345+/-236.506 χ^2/NDF : 43.9/23

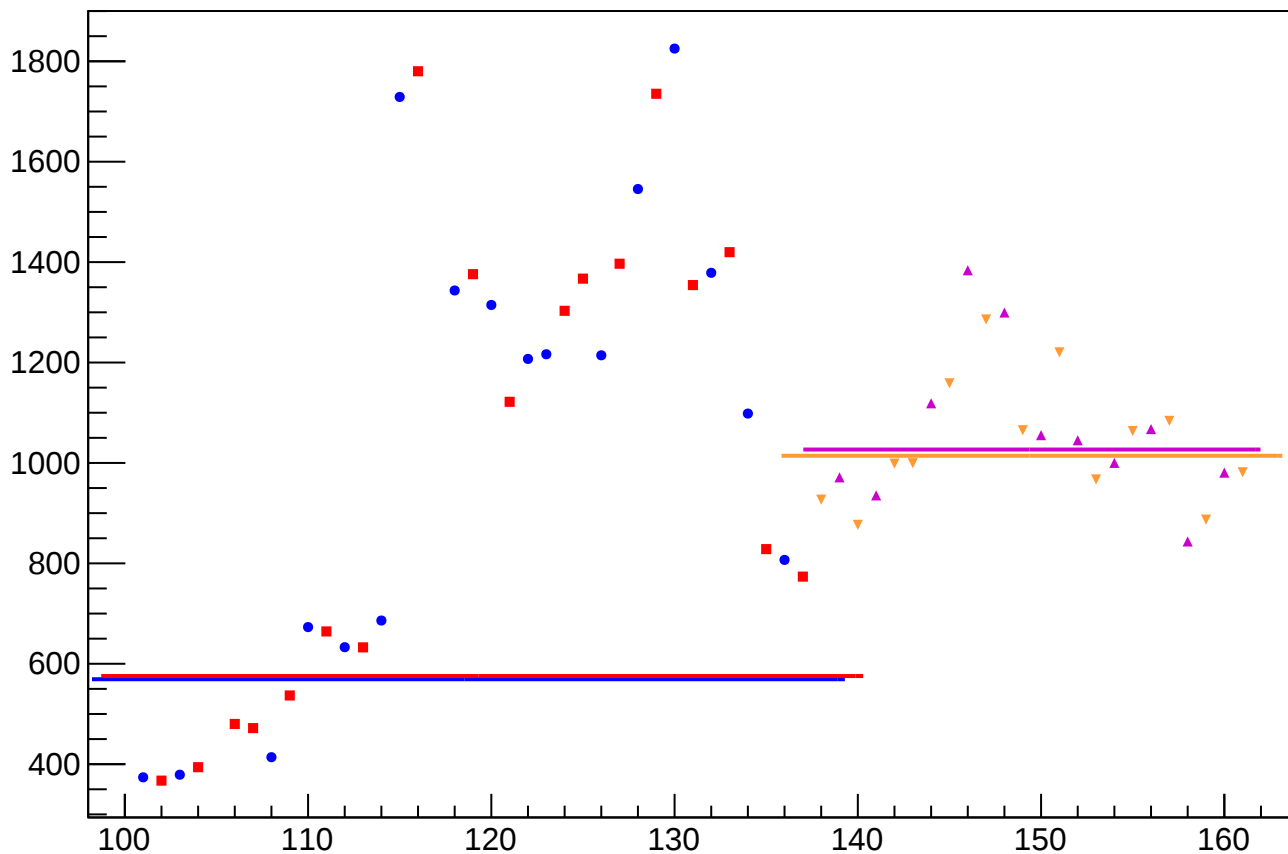
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 288.105+/-203.804 χ^2/NDF :33.0/27

Out: 222.316+/-196.093 χ^2/NDF :43.9/30

All: 253.943+/-141.306 χ^2/NDF : 77.0/58

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1014.305 $\pm$ 0.230 χ^2 /NDF: 243712.7/12

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1026.715 $\pm$ 0.244 χ^2 /NDF: 297433.6/10

Left: 1020.157 $\pm$ 0.167 χ^2 /NDF: 542518.5/23

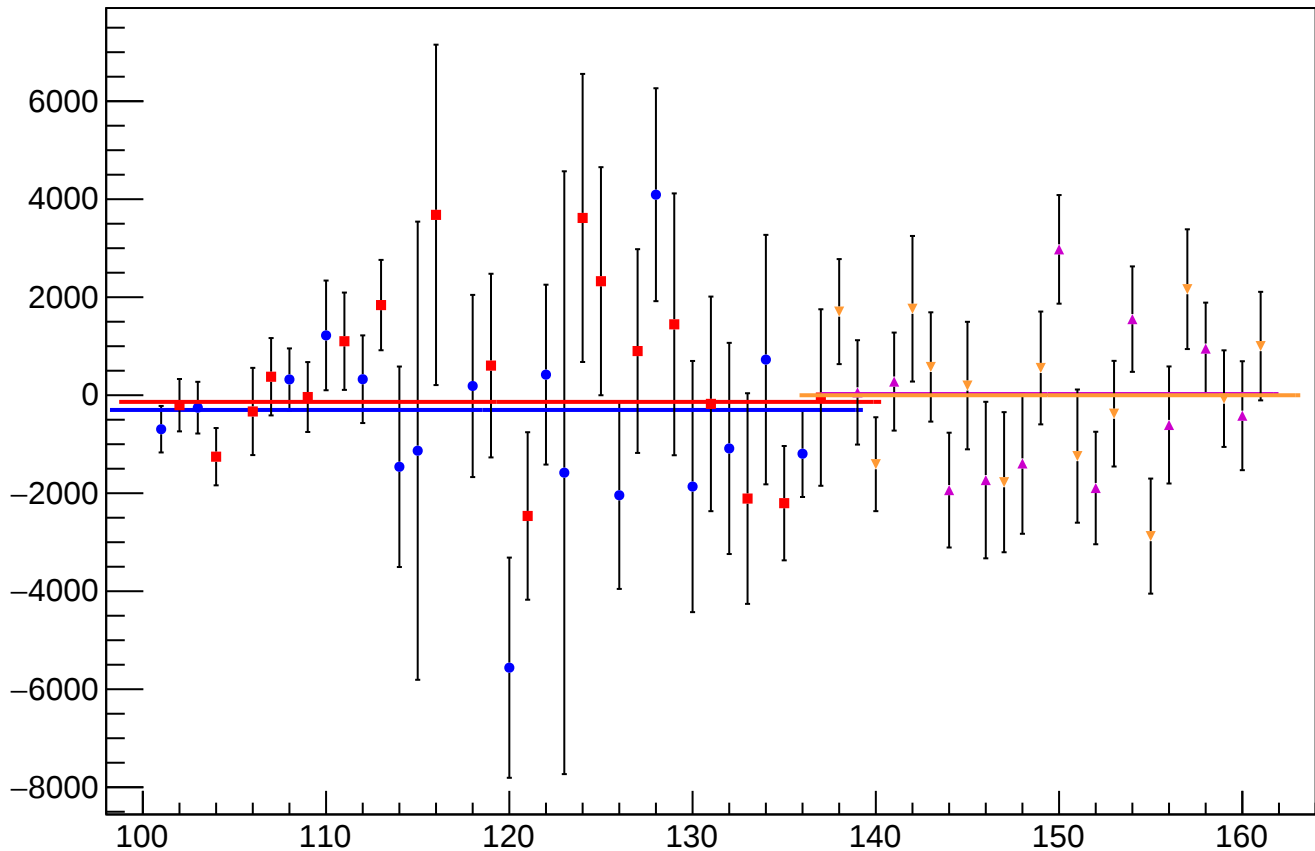
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 729.404 $\pm$ 0.144 χ^2 /NDF: 5857936.1/27

Out: 734.963 $\pm$ 0.139 χ^2 /NDF: 5617638.9/30

All: 732.291 $\pm$ 0.100 χ^2 /NDF: 11476347.7/58

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -0.544 ± 321.199 $\chi^2/\text{NDF}: 19.1/12$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 24.075 ± 341.591 $\chi^2/\text{NDF}: 18.4/10$

Left: 11.009 ± 233.999 $\chi^2/\text{NDF}: 37.5/23$

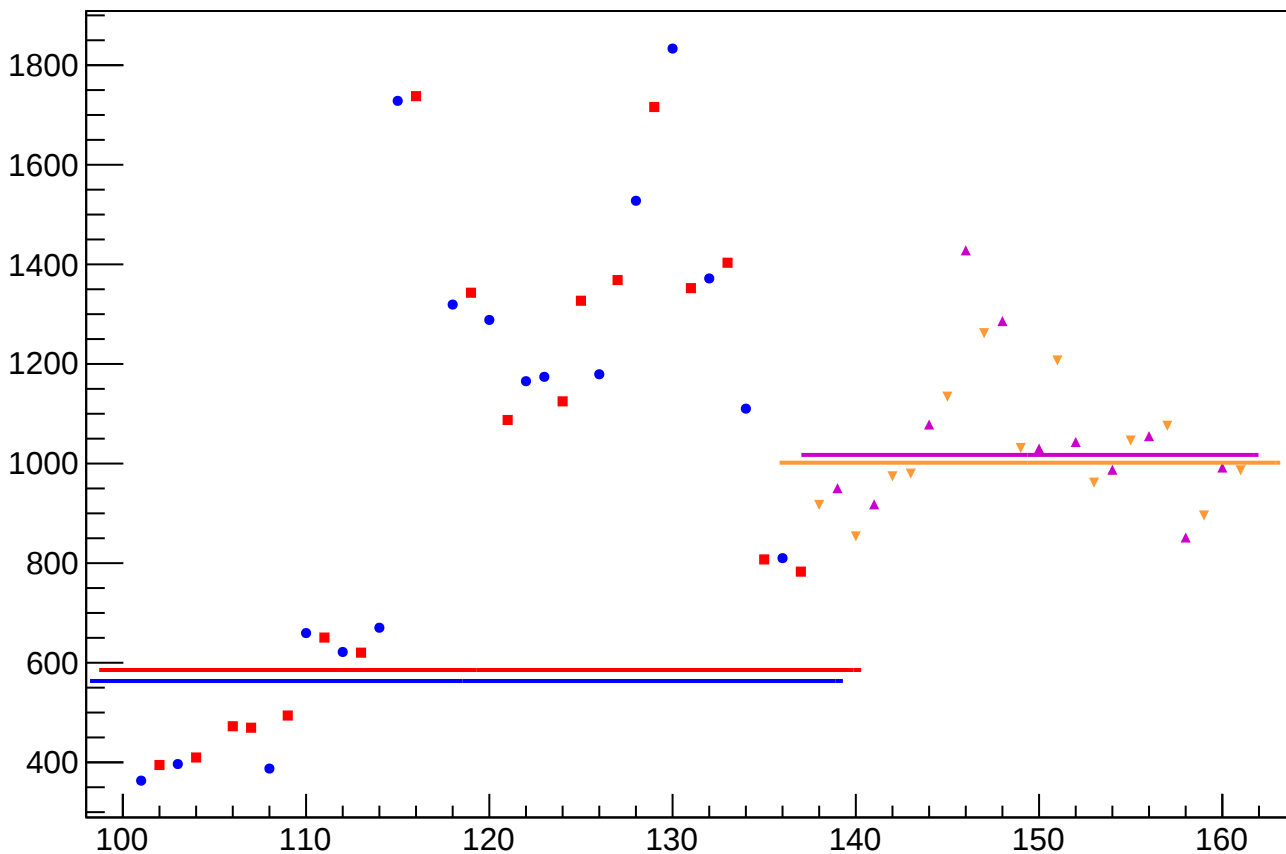
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -187.208 ± 201.901 $\chi^2/\text{NDF}: 35.7/27$

Out: -85.554 ± 196.145 $\chi^2/\text{NDF}: 40.1/30$

All: -134.911 ± 140.686 $\chi^2/\text{NDF}: 75.9/58$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1001.723+/-0.227 χ^2/NDF : 232049.8/12

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1017.371+/-0.242 χ^2/NDF : 303768.8/10

Left: 1009.066+/-0.165 χ^2/NDF : 538046.2/23

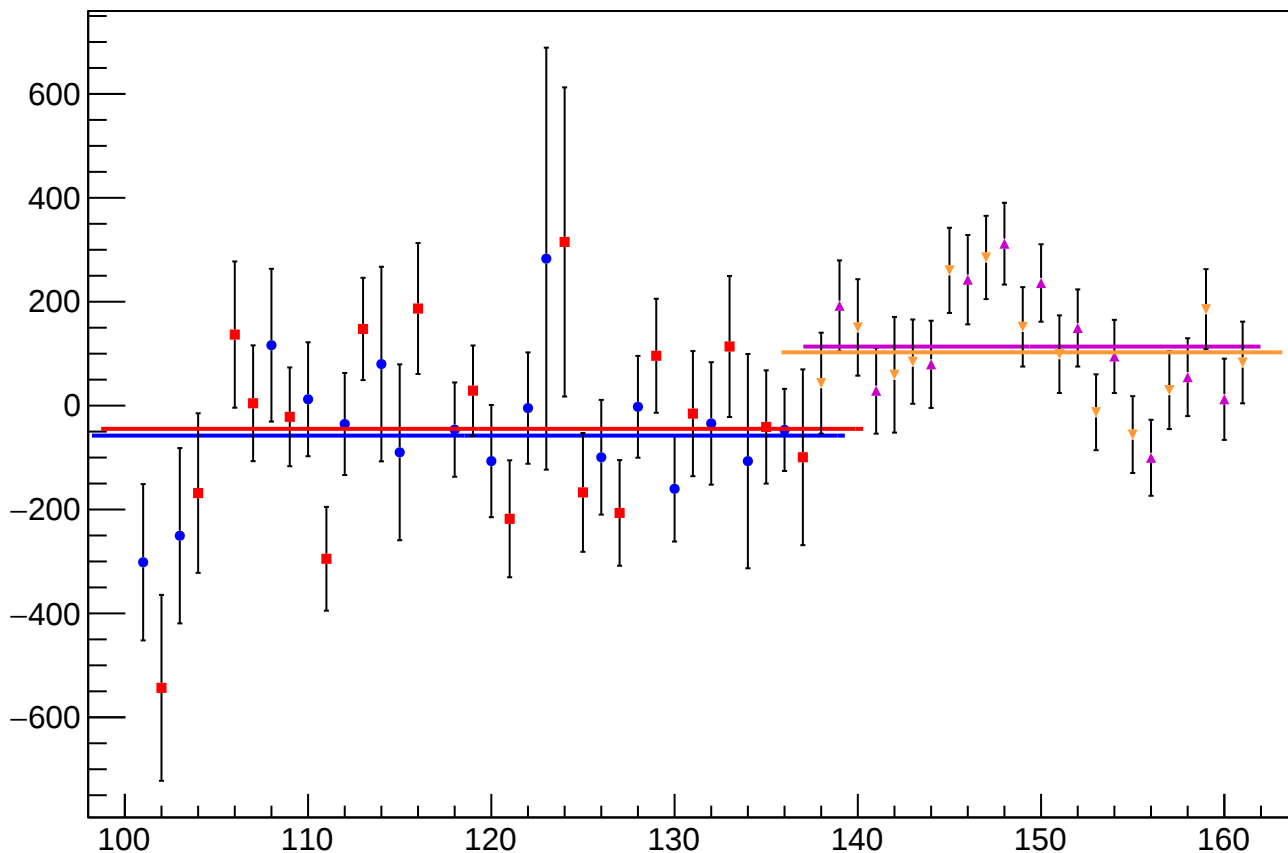
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 721.991+/-0.143 χ^2/NDF : 5861255.3/27

Out: 740.675+/-0.139 χ^2/NDF : 5156833.8/30

All: 731.603+/-0.099 χ^2/NDF : 11026900.2/58

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 102.593 $\pm$ 22.433 χ^2/NDF :19.4/12

Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17

Left In: 113.637 $\pm$ 23.523 χ^2/NDF :24.5/10

Left: 107.853 $\pm$ 16.234 χ^2/NDF : 44.0/23

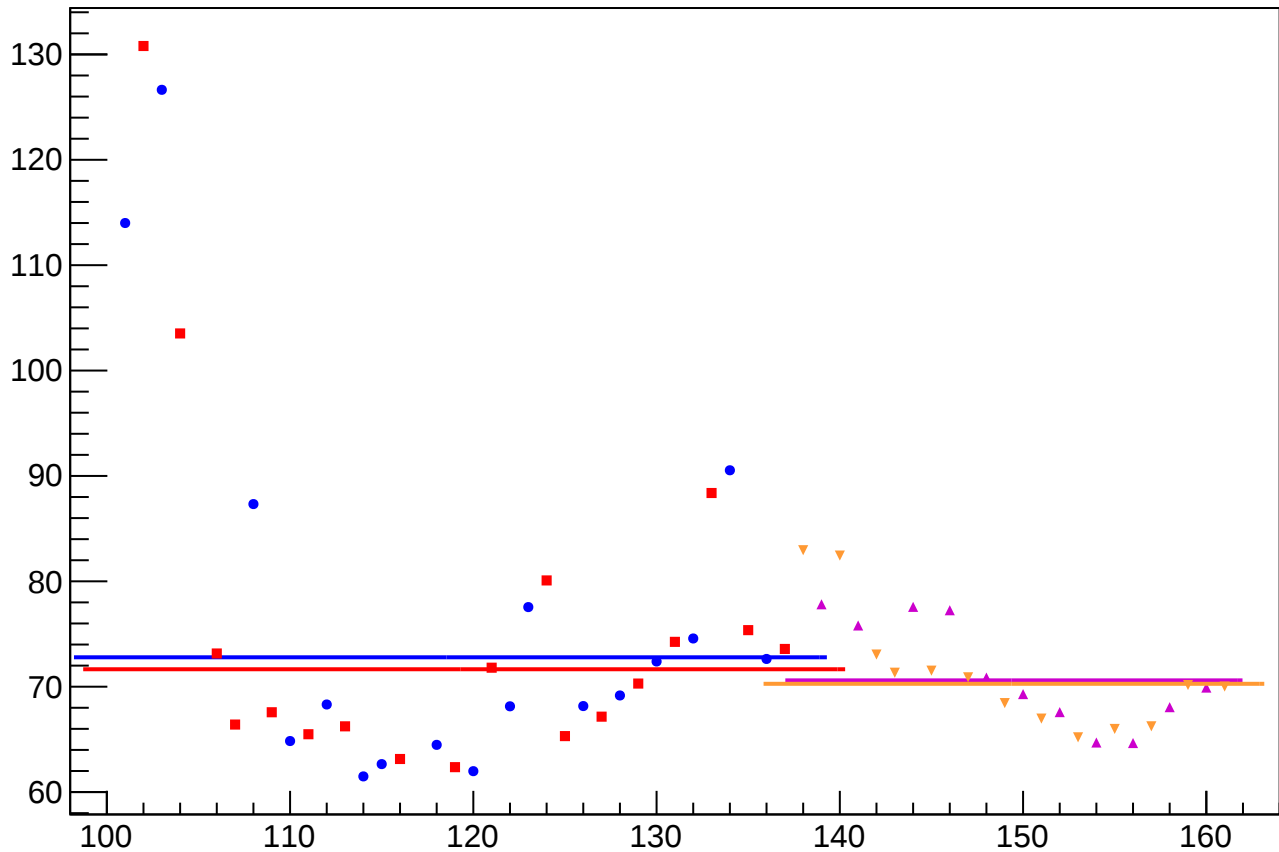
Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34

In: 44.765 $\pm$ 18.191 χ^2/NDF :54.9/27

Out: 44.283 $\pm$ 17.436 χ^2/NDF :71.6/30

All: 44.514 $\pm$ 12.588 χ^2/NDF : 126.6/58

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.275 $\pm$ 0.016 χ^2 /NDF: 97801.1/12

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 70.600 $\pm$ 0.017 χ^2 /NDF: 81043.1/10

Left: 70.430 $\pm$ 0.011 χ^2 /NDF: 179044.4/23

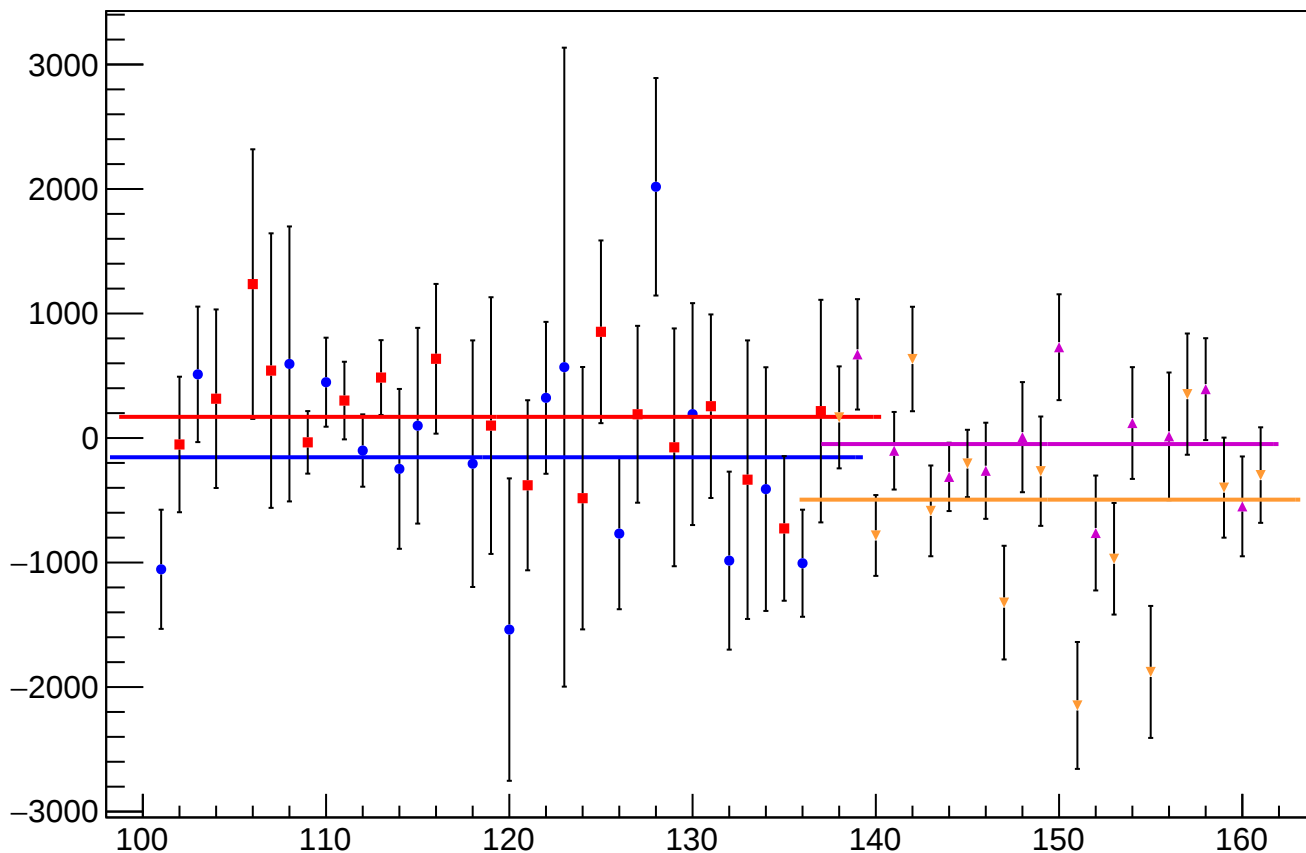
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 71.480 $\pm$ 0.013 χ^2 /NDF: 552782.4/27

Out: 70.821 $\pm$ 0.012 χ^2 /NDF: 505176.0/30

All: 71.137 $\pm$ 0.009 χ^2 /NDF: 1059325.9/58

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -494.943+/-110.498 χ^2/NDF : 37.2/12

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -48.464+/-118.102 χ^2/NDF : 12.5/10

Left: -286.539+/-80.688 χ^2/NDF : 57.4/23

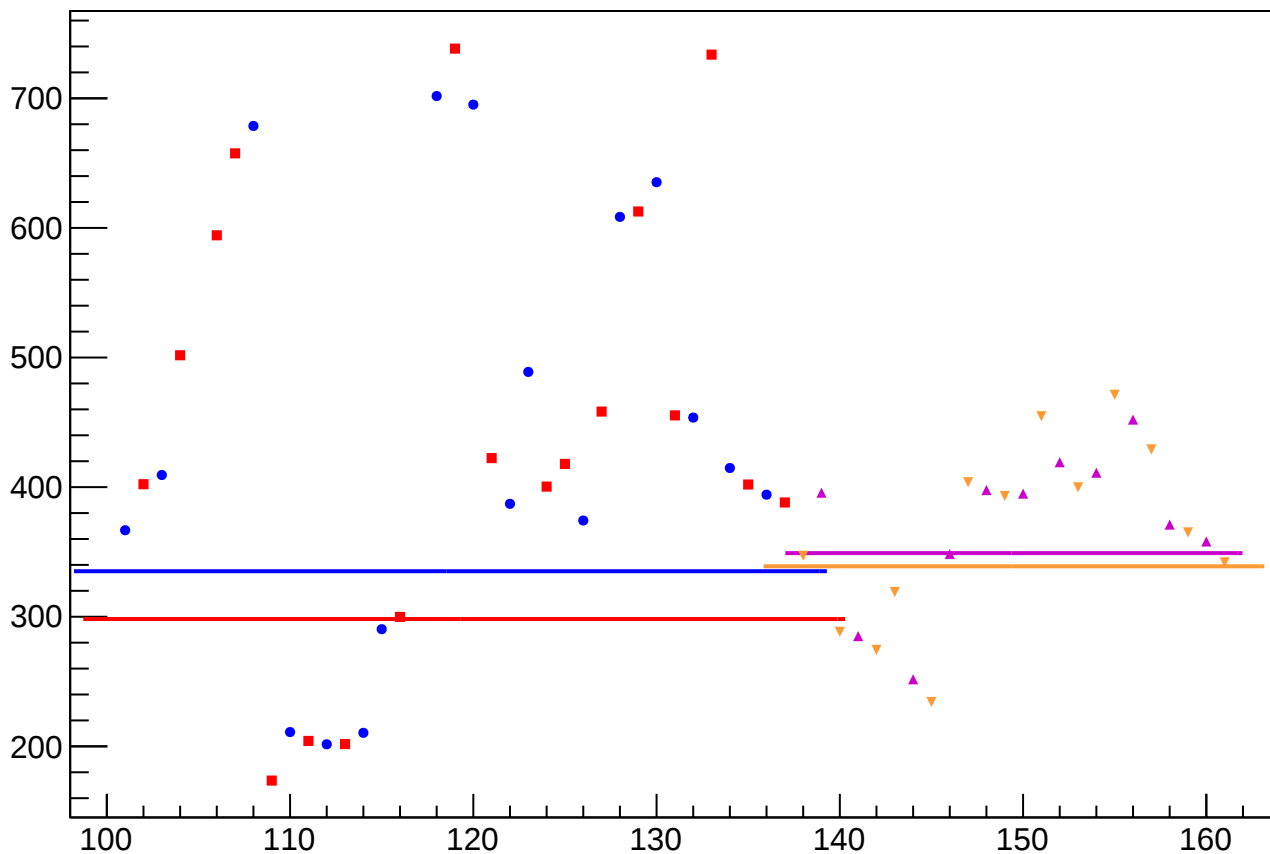
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -92.253+/-90.458 χ^2/NDF : 36.1/27

Out: -206.431+/-83.140 χ^2/NDF : 61.3/30

All: -154.147+/-61.213 χ^2/NDF : 98.2/58

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.914+/-0.078 χ^2/NDF : 815024.6/12

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 349.091+/-0.084 χ^2/NDF : 577855.5/10

Left: 343.664+/-0.057 χ^2/NDF : 1400799.8/23

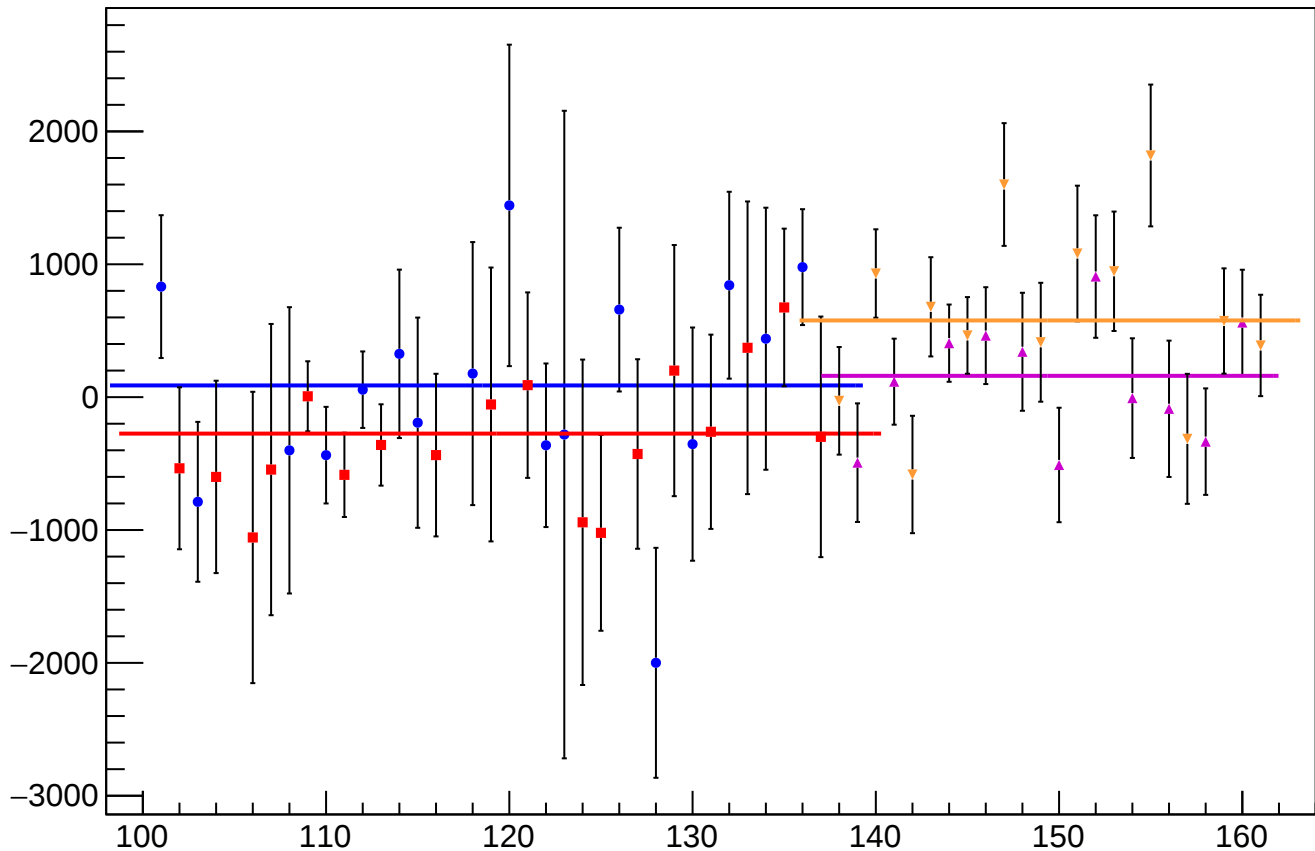
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 343.322+/-0.064 χ^2/NDF : 2583445.6/27

Out: 321.272+/-0.059 χ^2/NDF : 3709076.5/30

All: 331.369+/-0.043 χ^2/NDF : 6356940.3/58

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 577.357+/-112.613 χ^2/NDF :26.1/12

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 160.365+/-119.192 χ^2/NDF :11.7/10

Left: 380.686+/-81.856 χ^2/NDF : 44.3/23

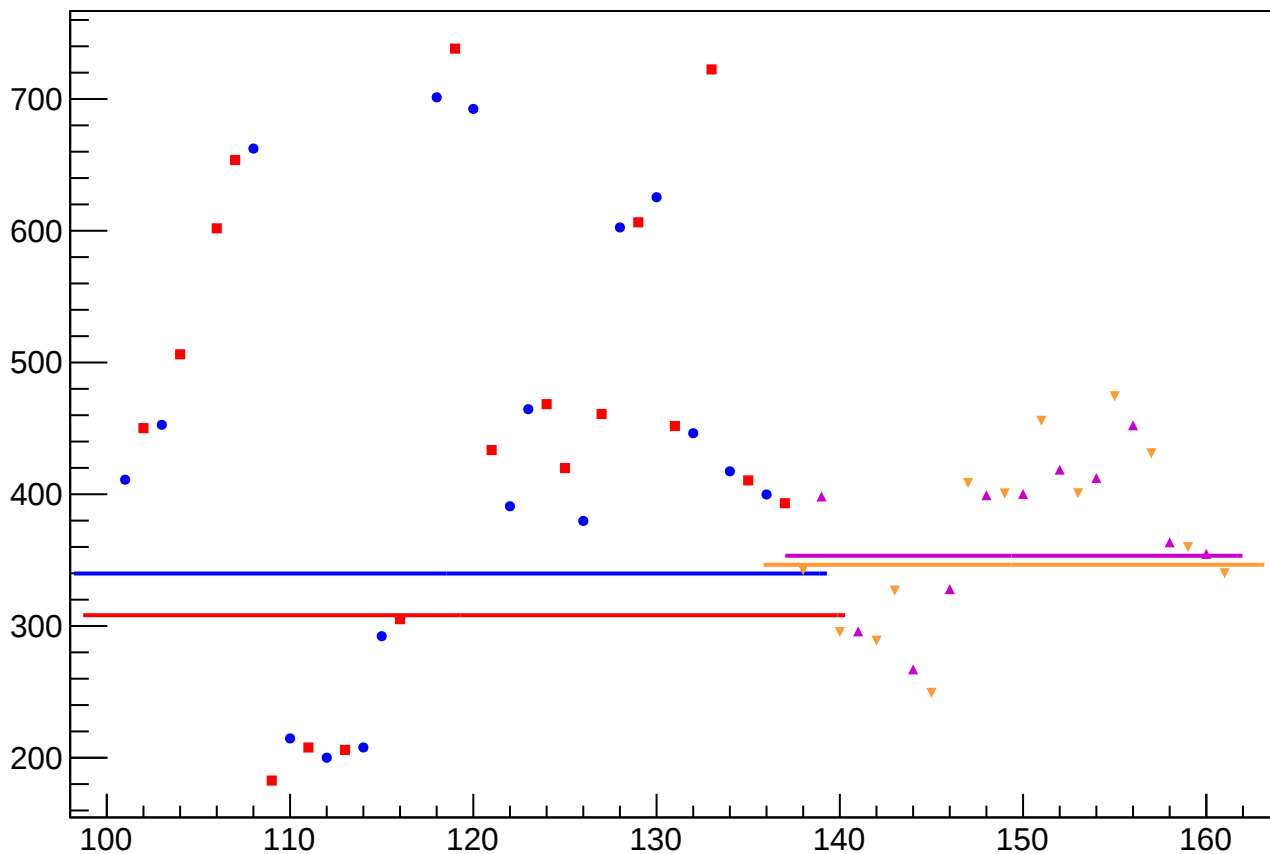
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 130.751+/-91.563 χ^2/NDF :32.7/27

Out: 211.805+/-85.080 χ^2/NDF :58.7/30

All: 174.249+/-62.327 χ^2/NDF : 91.8/58

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 346.488 $\pm$ 0.080 χ^2/NDF : 678093.3/12

Right Out: 308.199 $\pm$ 0.092 χ^2/NDF : 2698828.8/17

Left In: 353.333 $\pm$ 0.084 χ^2/NDF : 464468.2/10

Left: 349.716 $\pm$ 0.058 χ^2/NDF : 1146046.8/23

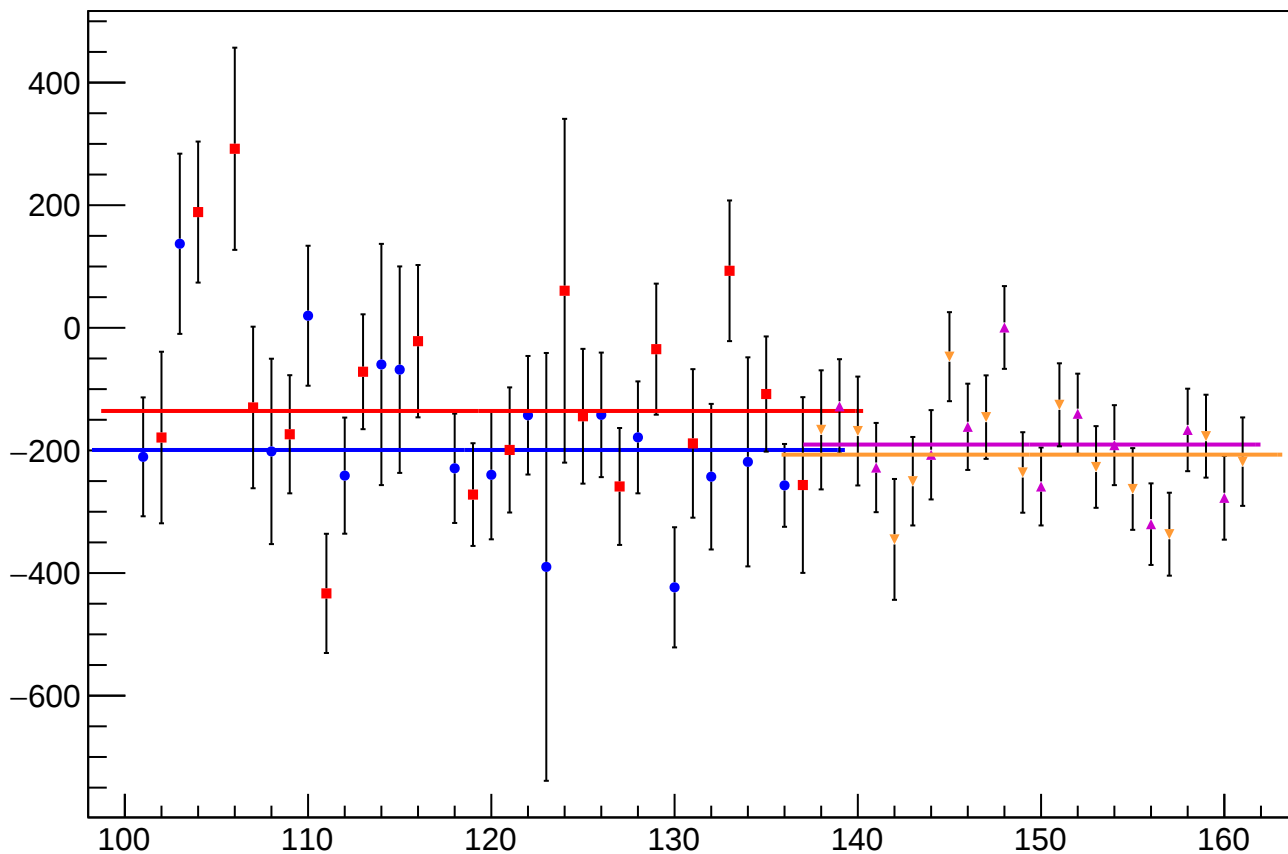
Right: 322.502 $\pm$ 0.068 χ^2/NDF : 4796037.7/34

In: 347.807 $\pm$ 0.065 χ^2/NDF : 2518481.1/27

Out: 330.054 $\pm$ 0.060 χ^2/NDF : 3476157.8/30

All: 338.280 $\pm$ 0.044 χ^2/NDF : 6034984.9/58

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -206.850 ± 20.149 $\chi^2/\text{NDF}: 14.7/12$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -190.413 ± 20.647 $\chi^2/\text{NDF}: 16.4/10$

Left: -198.833 ± 14.420 $\chi^2/\text{NDF}: 31.5/23$

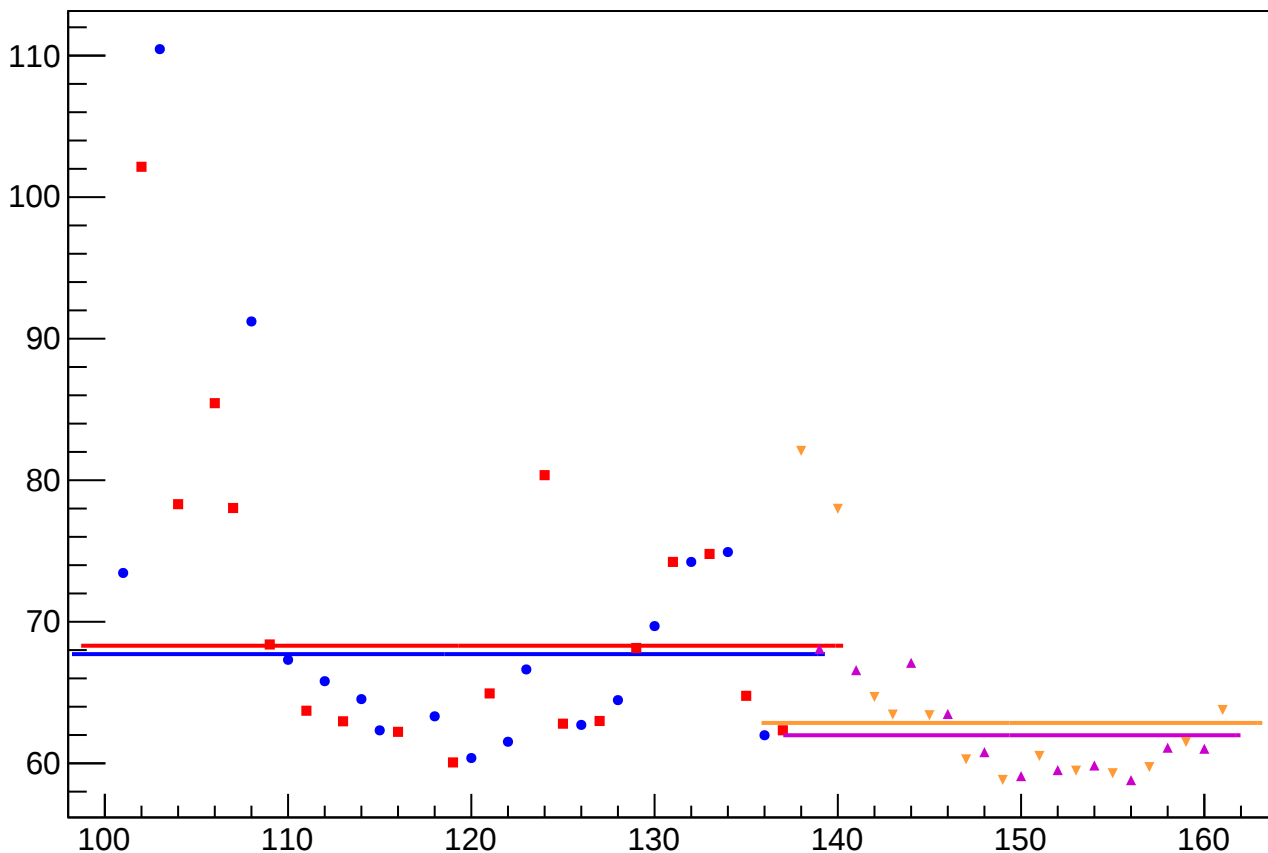
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -193.750 ± 16.291 $\chi^2/\text{NDF}: 34.1/27$

Out: -180.446 ± 15.984 $\chi^2/\text{NDF}: 56.0/30$

All: -186.971 ± 11.409 $\chi^2/\text{NDF}: 90.4/58$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 62.854 $\pm$ 0.014 χ^2/NDF : 166231.6/12

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 61.983 $\pm$ 0.015 χ^2/NDF : 46382.3/10

Left: 62.429 $\pm$ 0.010 χ^2/NDF : 214436.6/23

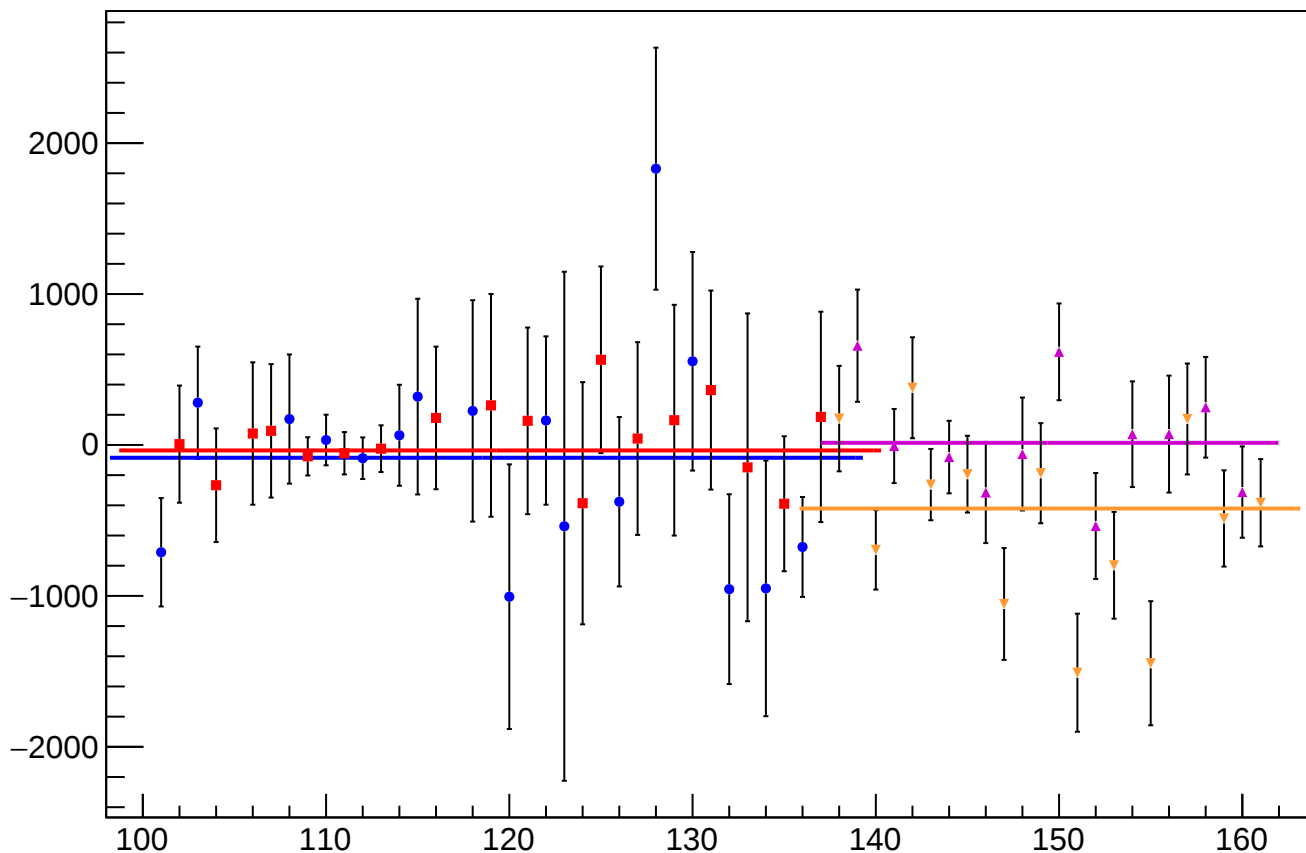
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.147 $\pm$ 0.012 χ^2/NDF : 387459.5/27

Out: 64.876 $\pm$ 0.011 χ^2/NDF : 454870.6/30

All: 64.519 $\pm$ 0.008 χ^2/NDF : 844371.0/58

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -421.088 $\pm$ 87.393 χ^2/NDF : 32.1/12

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 14.275 $\pm$ 95.452 χ^2/NDF : 11.9/10

Left: -222.560 $\pm$ 64.457 χ^2/NDF : 55.3/23

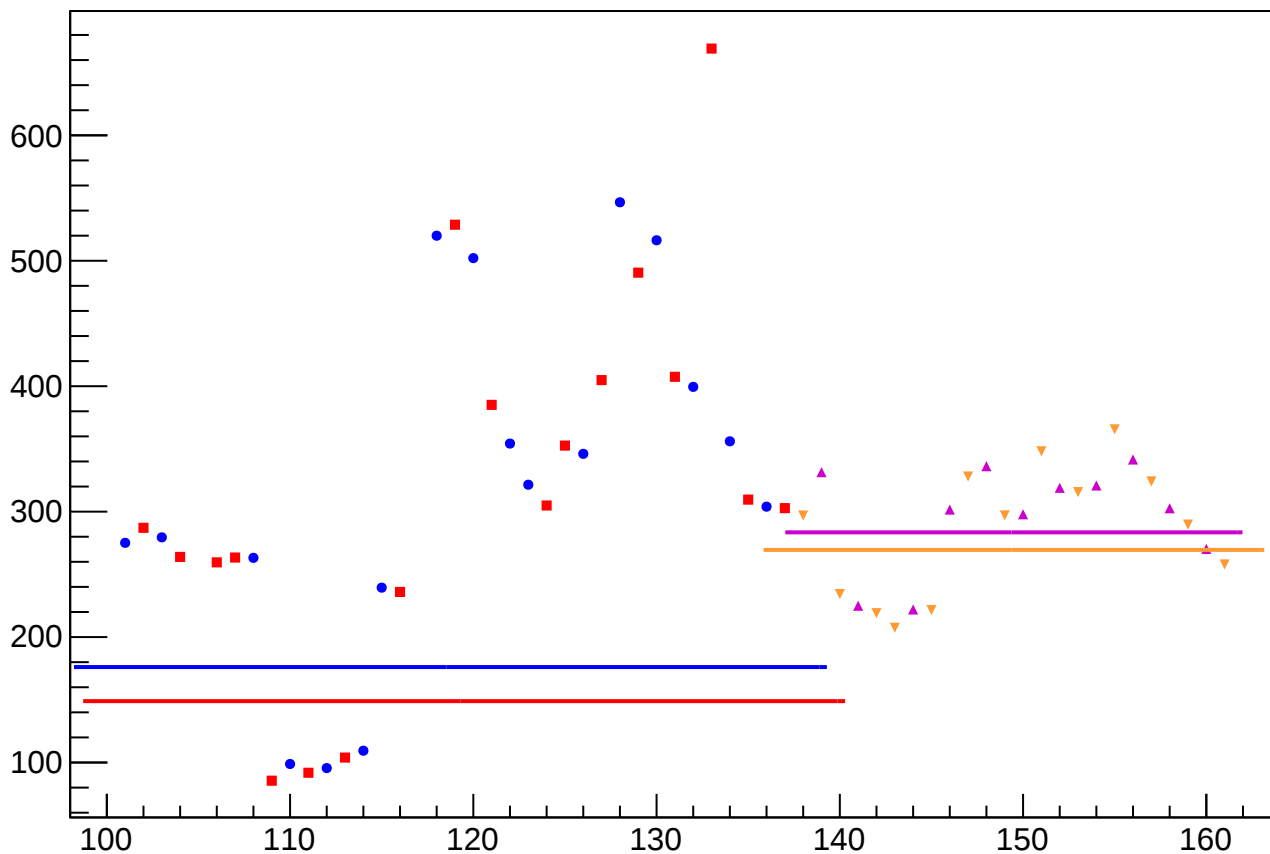
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -42.314 $\pm$ 62.490 χ^2/NDF : 32.4/27

Out: -185.929 $\pm$ 54.515 χ^2/NDF : 47.4/30

All: -123.864 $\pm$ 41.080 χ^2/NDF : 82.8/58

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.532+/-0.062 χ^2/NDF : 645666.9/12

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 283.488+/-0.067 χ^2/NDF : 425922.0/10

Left: 275.896+/-0.046 χ^2/NDF : 1094847.2/23

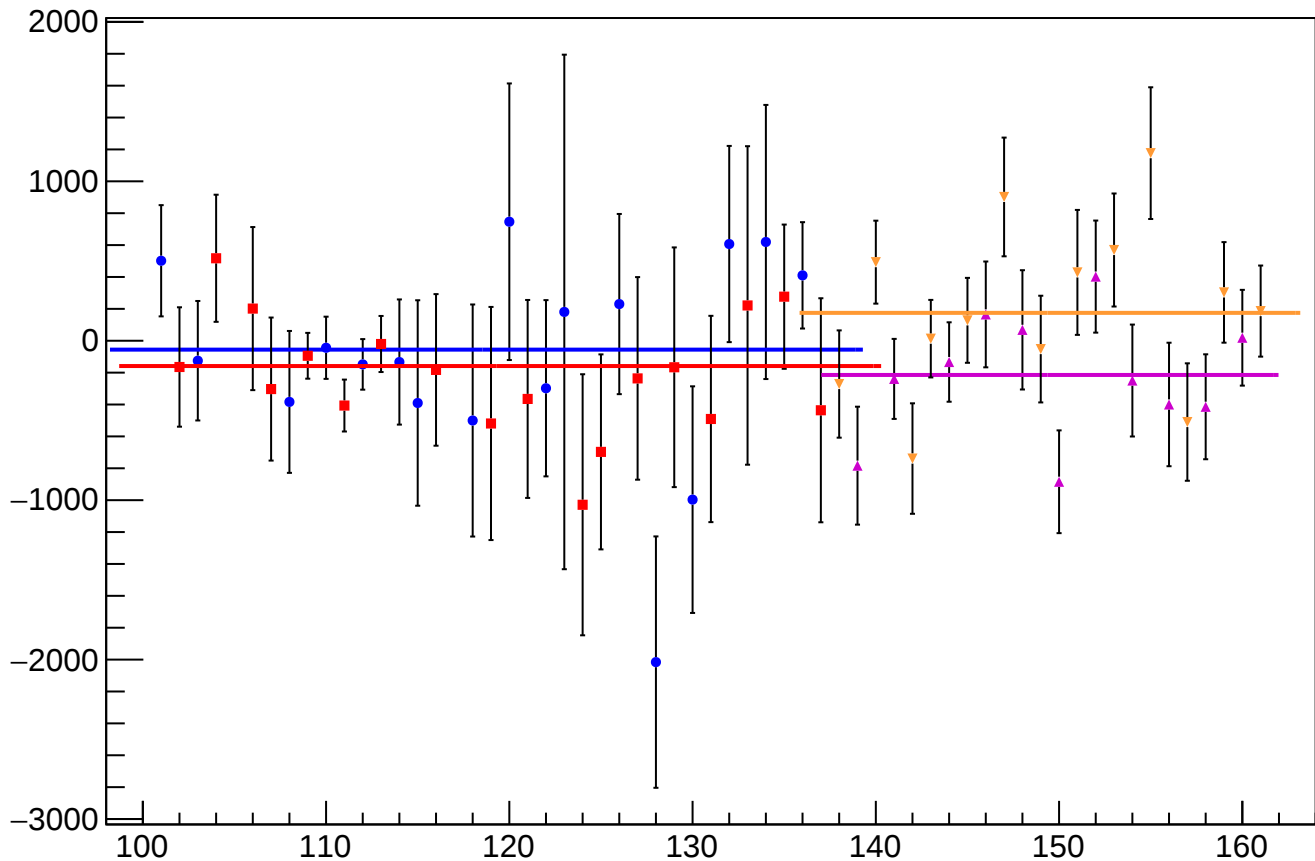
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 222.124+/-0.044 χ^2/NDF : 6096173.7/27

Out: 195.861+/-0.039 χ^2/NDF : 7743235.6/30

All: 207.211+/-0.029 χ^2/NDF : 14040006.2/58

asym_sam8_mean vs Slug, Sign Corrected



Left: -2.826 ± 64.895 $\chi^2/\text{NDF}: 48.0/23$

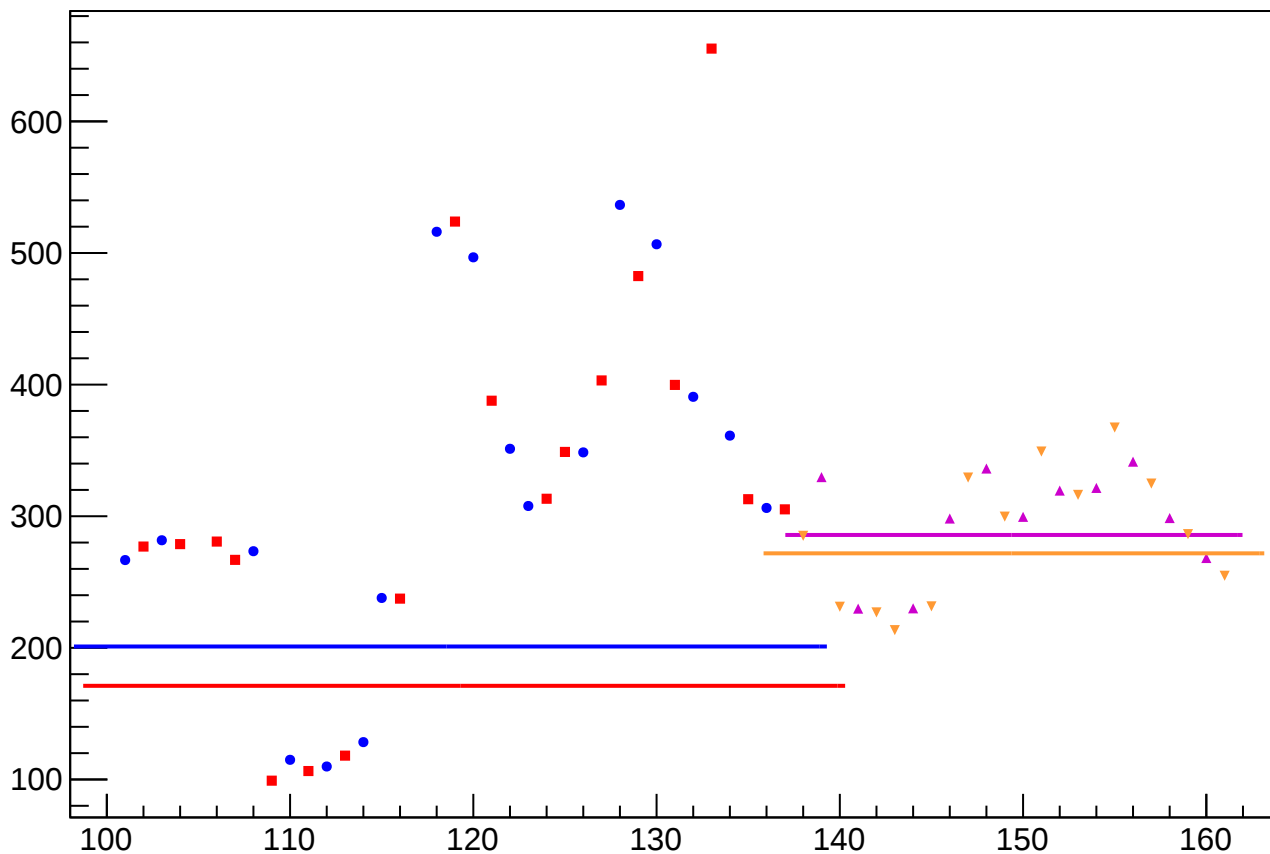
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -130.483 ± 65.902 $\chi^2/\text{NDF}: 31.6/27$

Out: -13.893 ± 57.982 $\chi^2/\text{NDF}: 44.6/30$

All: -64.765 ± 43.532 $\chi^2/\text{NDF}: 78.0/58$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.813+/-0.062 χ^2/NDF : 577212.7/12

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 285.777+/-0.068 χ^2/NDF : 361104.7/10

Left: 278.185+/-0.046 χ^2/NDF : 961289.7/23

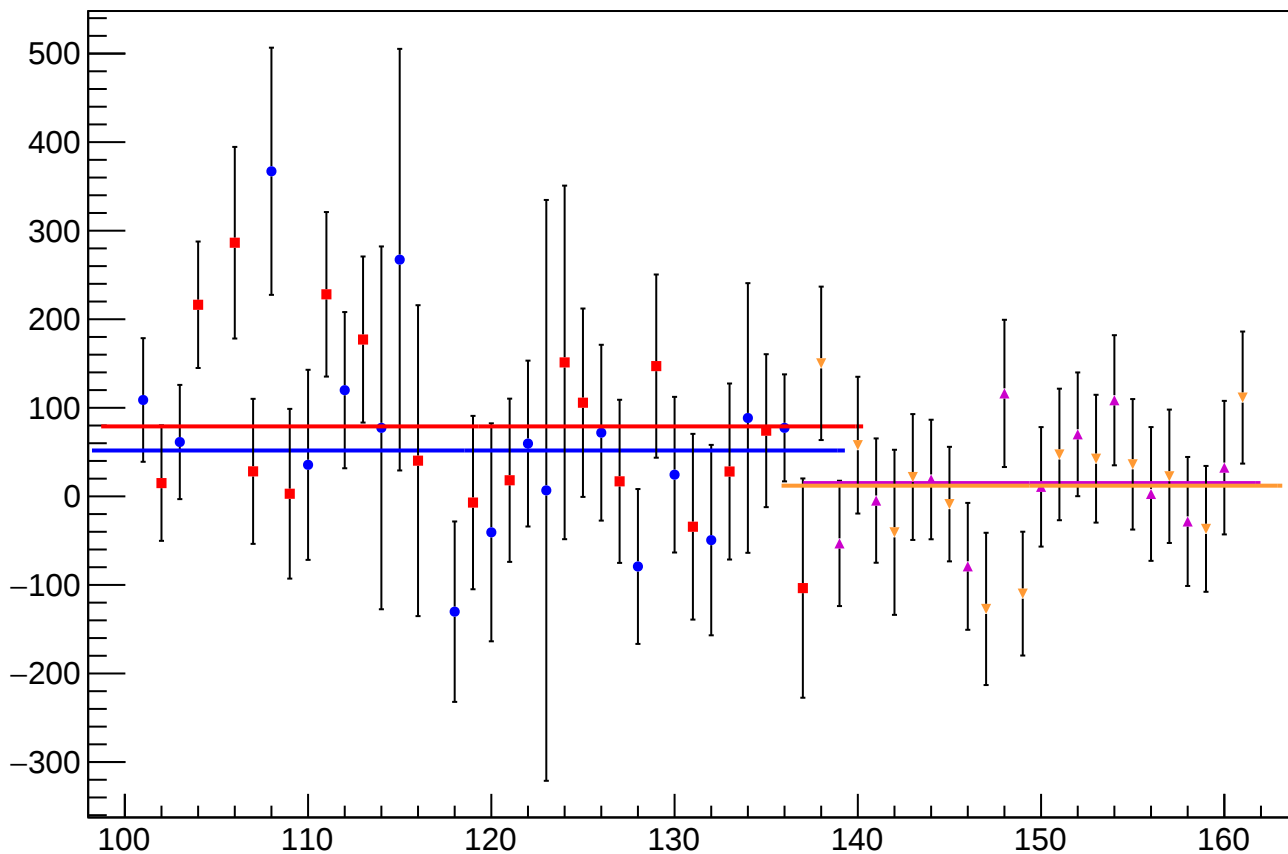
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 240.913+/-0.047 χ^2/NDF : 4617983.0/27

Out: 214.846+/-0.041 χ^2/NDF : 6123342.1/30

All: 226.220+/-0.031 χ^2/NDF : 10917702.8/58

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: 12.071 $\pm$ 20.829 χ^2 /NDF:11.8/12

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 15.007 $\pm$ 21.764 χ^2 /NDF:6.9/10

Left: 13.475 $\pm$ 15.048 χ^2 /NDF: 18.7/23

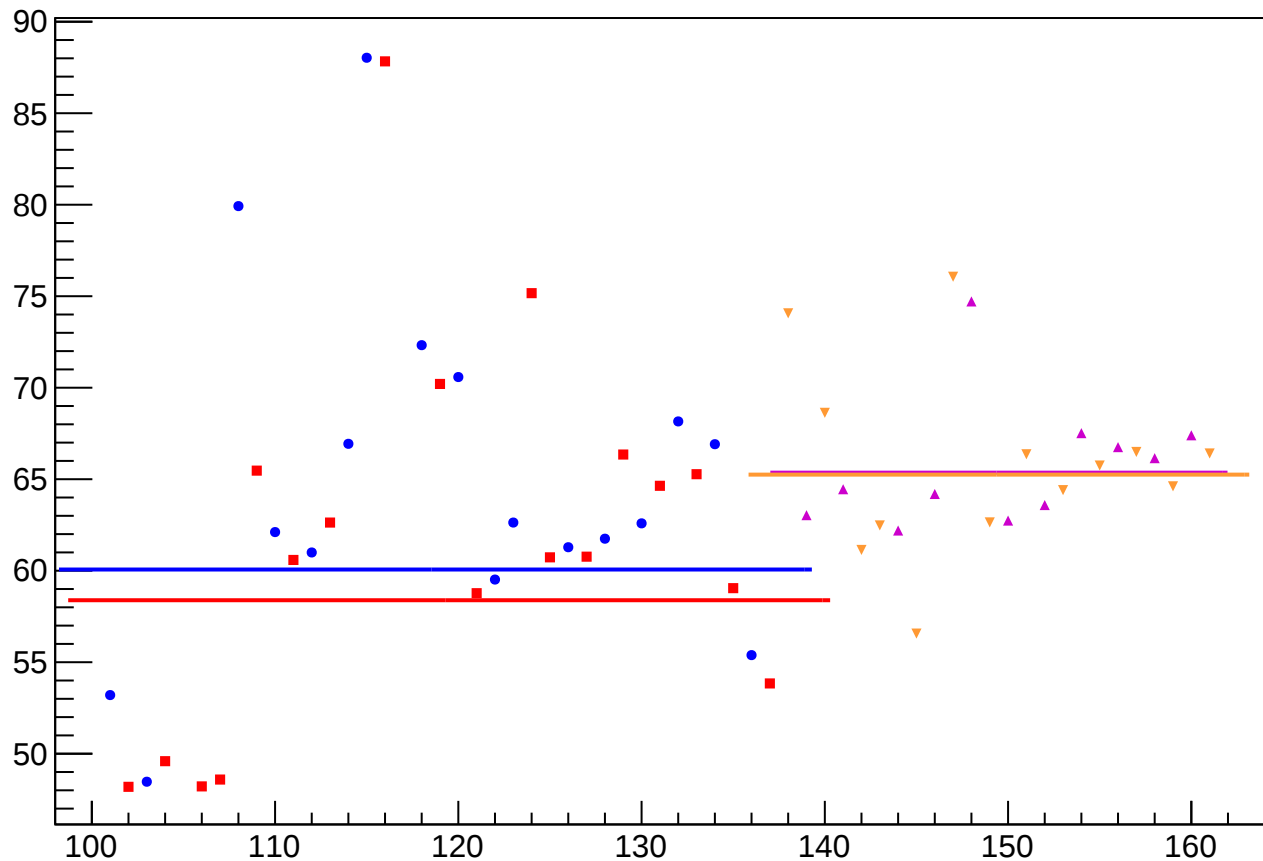
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 31.965 $\pm$ 15.980 χ^2 /NDF:22.7/27

Out: 42.964 $\pm$ 15.285 χ^2 /NDF:35.5/30

All: 37.709 $\pm$ 11.046 χ^2 /NDF: 58.5/58

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: 65.251 $\pm$ 0.015 χ^2 /NDF: 104003.6/12

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 65.359 $\pm$ 0.015 χ^2 /NDF: 41149.1/10

Left: 65.302 $\pm$ 0.011 χ^2 /NDF: 145178.2/23

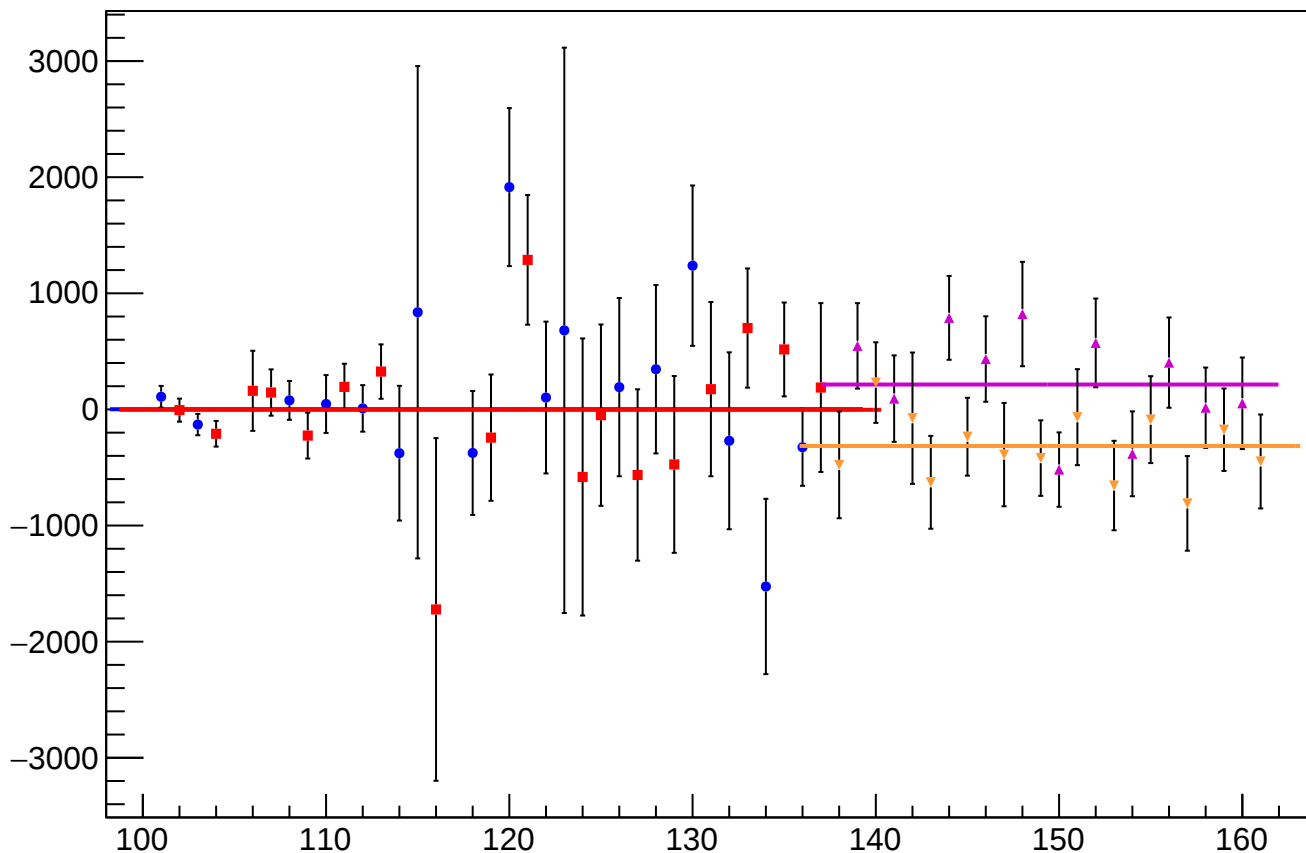
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 62.919 $\pm$ 0.011 χ^2 /NDF: 324773.3/27

Out: 62.083 $\pm$ 0.011 χ^2 /NDF: 479260.4/30

All: 62.482 $\pm$ 0.008 χ^2 /NDF: 806890.7/58

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -314.758 ± 108.066 $\chi^2/\text{NDF}: 6.8/12$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 214.396 ± 111.723 $\chi^2/\text{NDF}: 15.1/10$

Left: -58.982 ± 77.675 $\chi^2/\text{NDF}: 33.6/23$

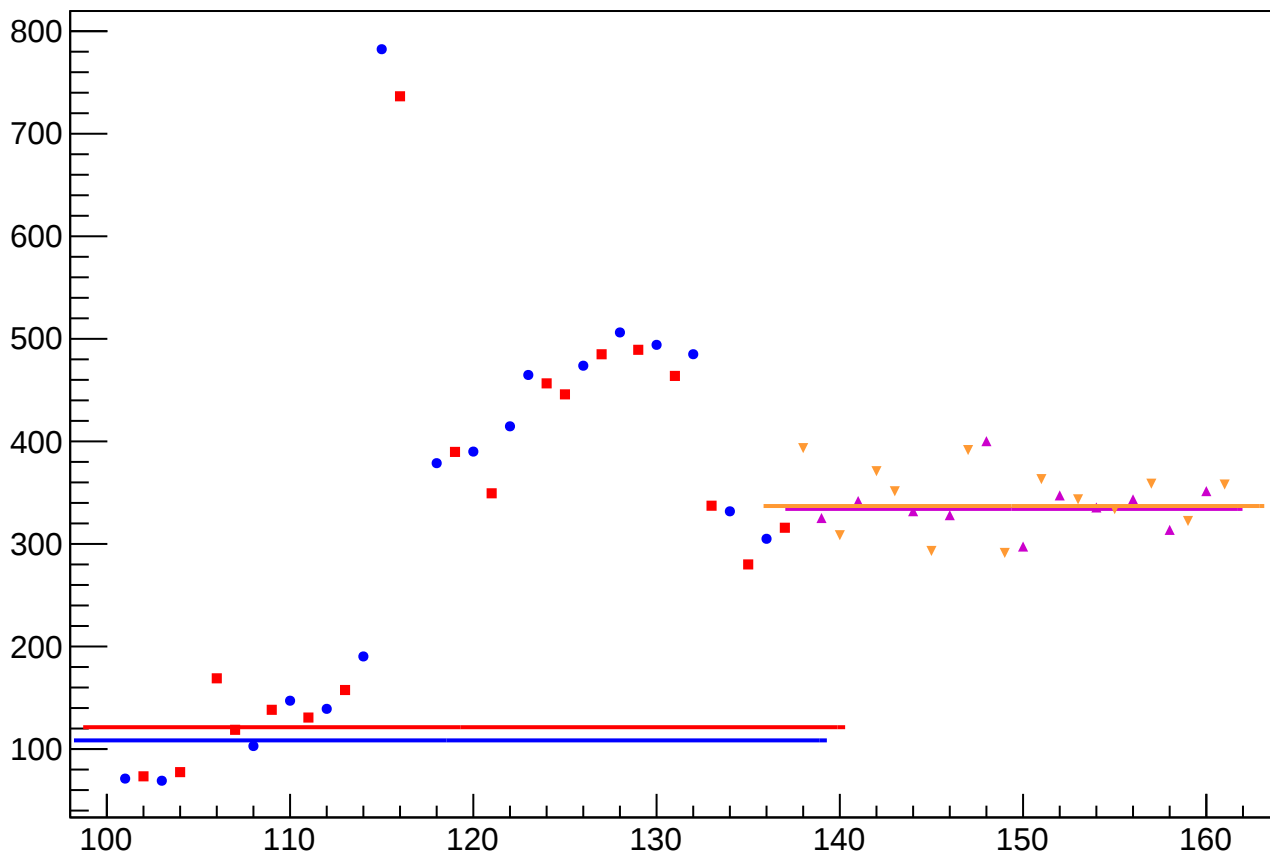
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 42.226 ± 48.826 $\chi^2/\text{NDF}: 39.5/27$

Out: -70.322 ± 50.147 $\chi^2/\text{NDF}: 33.6/30$

All: -12.545 ± 34.983 $\chi^2/\text{NDF}: 75.6/58$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 336.978+/-0.076 χ^2/NDF : 180434.4/12

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 334.165+/-0.079 χ^2/NDF : 86527.5/10

Left: 335.618+/-0.055 χ^2/NDF : 267616.8/23

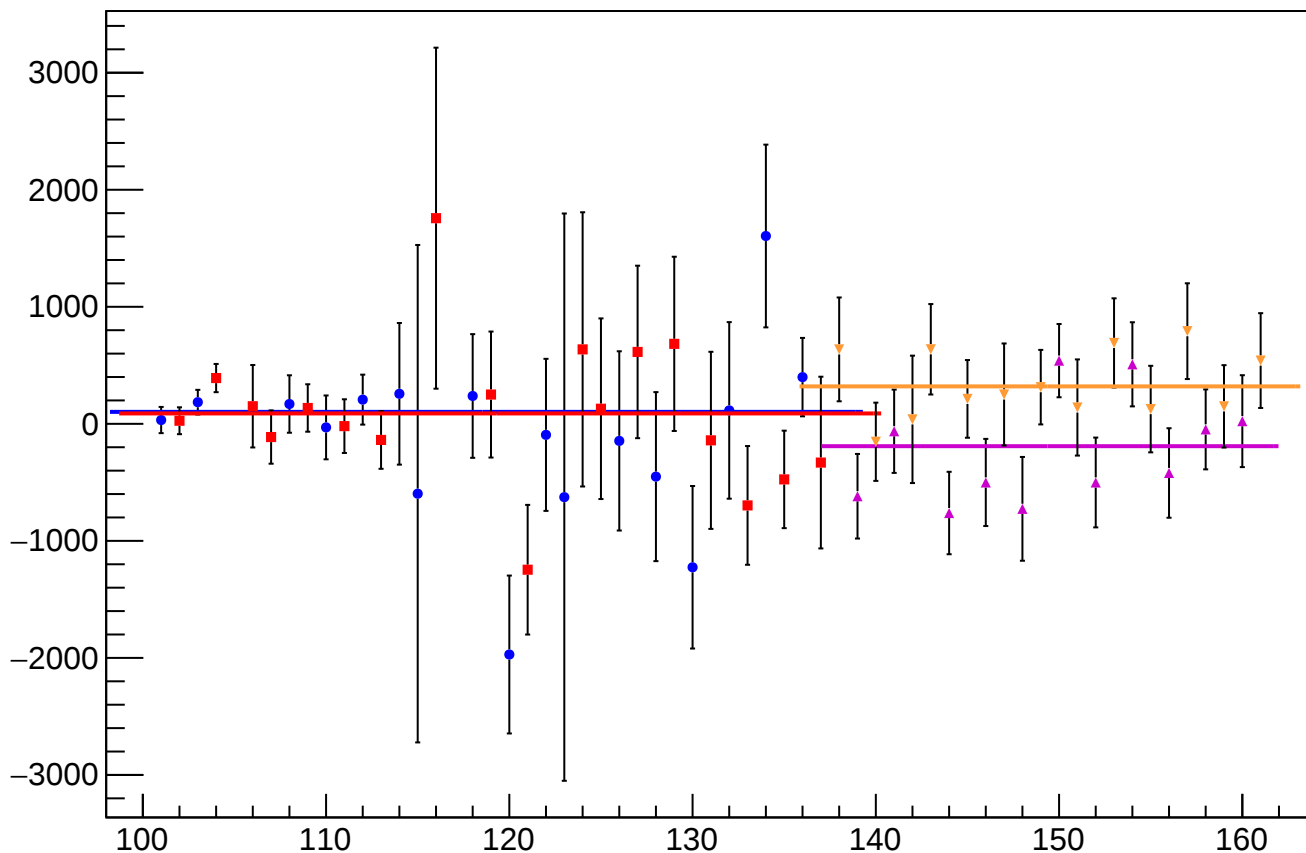
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 151.556+/-0.035 χ^2/NDF : 12095126.3/27

Out: 167.745+/-0.035 χ^2/NDF : 11162755.3/30

All: 159.434+/-0.025 χ^2/NDF : 23364893.6/58

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 319.977 $\pm$ 106.247 χ^2 /NDF:6.9/12

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -191.035 $\pm$ 110.066 χ^2 /NDF:17.0/10

Left: 73.490 $\pm$ 76.443 χ^2 /NDF: 35.1/23

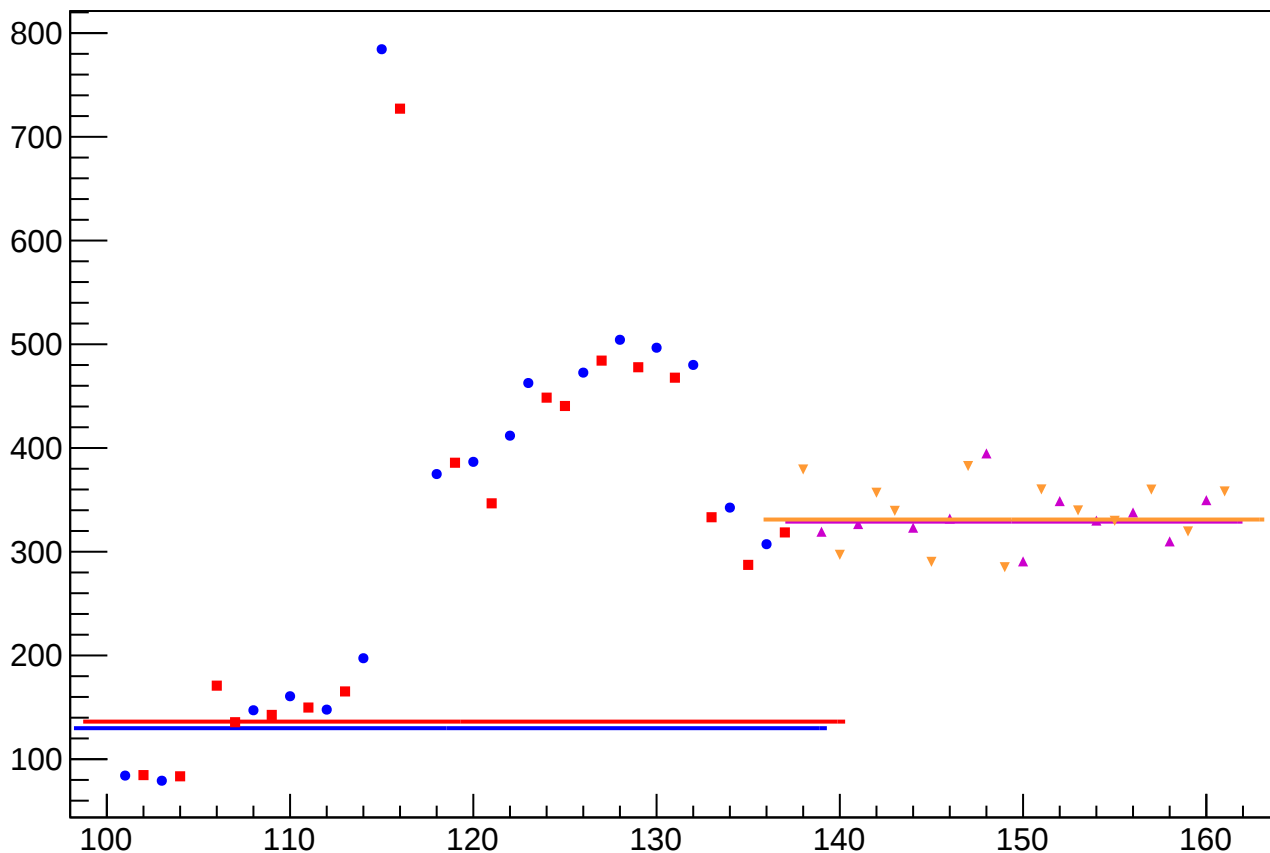
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 29.632 $\pm$ 54.760 χ^2 /NDF:42.6/27

Out: 147.880 $\pm$ 53.698 χ^2 /NDF:32.1/30

All: 89.915 $\pm$ 38.340 χ^2 /NDF: 77.1/58

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2/NDF : 4829521.2/16

Left Out: 331.046 $\pm$ 0.075 χ^2/NDF : 181796.6/12

Right Out: 136.225 $\pm$ 0.044 χ^2/NDF : 4282800.2/17

Left In: 329.011 $\pm$ 0.078 χ^2/NDF : 94343.0/10

Left: 330.064 $\pm$ 0.054 χ^2/NDF : 276493.6/23

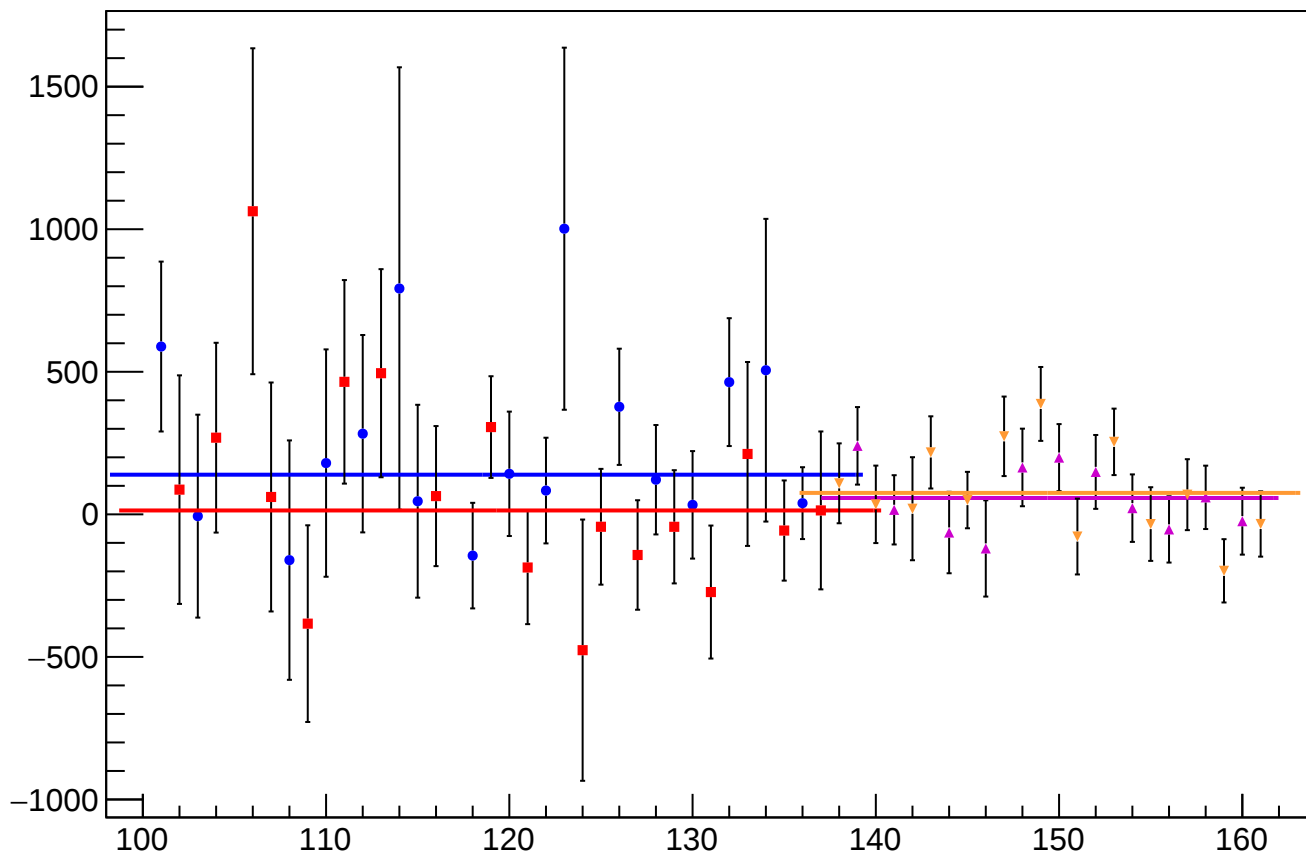
Right: 133.100 $\pm$ 0.031 χ^2/NDF : 9122555.3/34

In: 179.173 $\pm$ 0.039 χ^2/NDF : 9849649.5/27

Out: 185.988 $\pm$ 0.038 χ^2/NDF : 9471530.7/30

All: 182.647 $\pm$ 0.027 χ^2/NDF : 19336973.5/58

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: 75.237 $\pm$ 34.850 χ^2 /NDF:20.8/12

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 57.379 $\pm$ 38.041 χ^2 /NDF:7.8/10

Left: 67.089 $\pm$ 25.697 χ^2 /NDF: 28.7/23

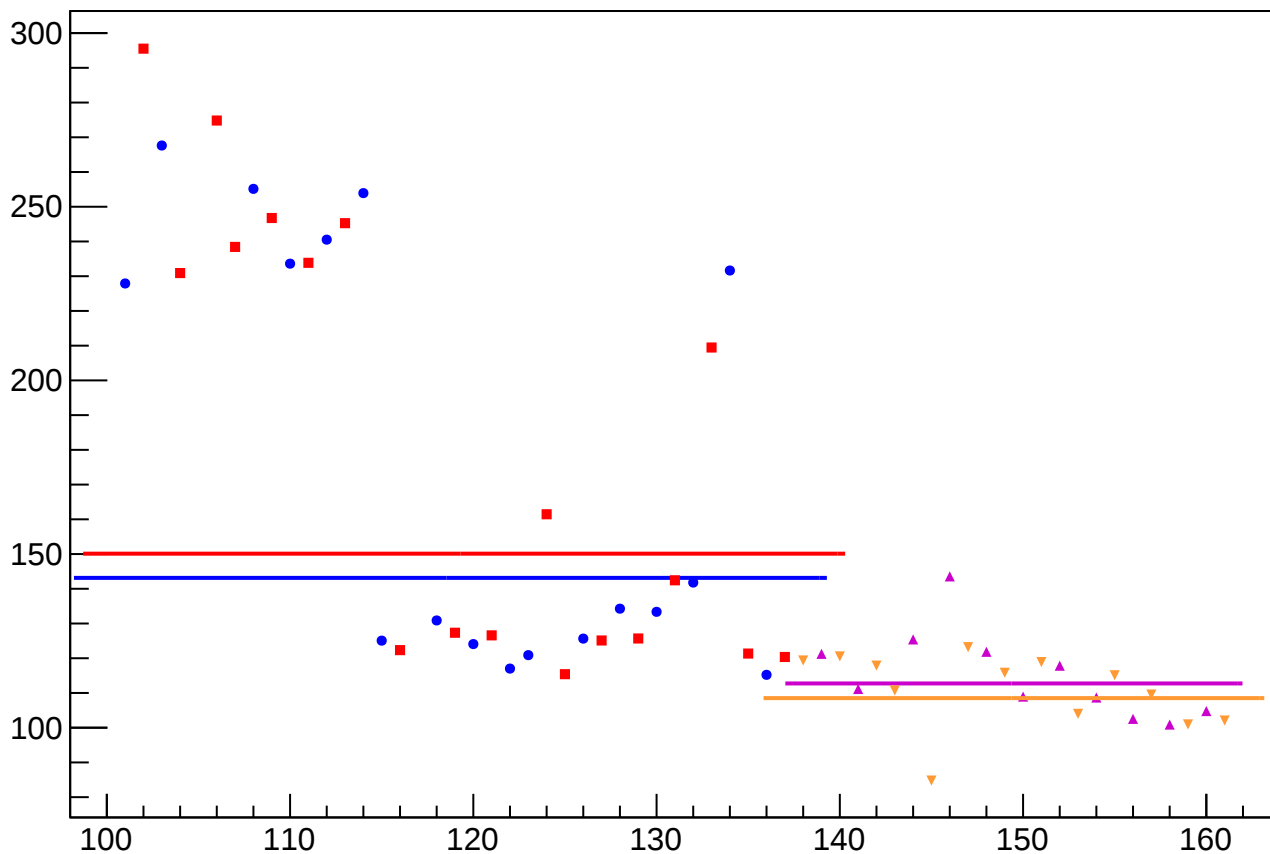
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 81.969 $\pm$ 31.807 χ^2 /NDF:22.3/27

Out: 59.747 $\pm$ 30.151 χ^2 /NDF:38.0/30

All: 70.265 $\pm$ 21.882 χ^2 /NDF: 60.5/58

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: 108.521 $\pm$ 0.025 χ^2 /NDF:213353.7/12

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 112.740 $\pm$ 0.027 χ^2 /NDF:154472.3/10

Left: 110.446 $\pm$ 0.018 χ^2 /NDF: 381198.8/23

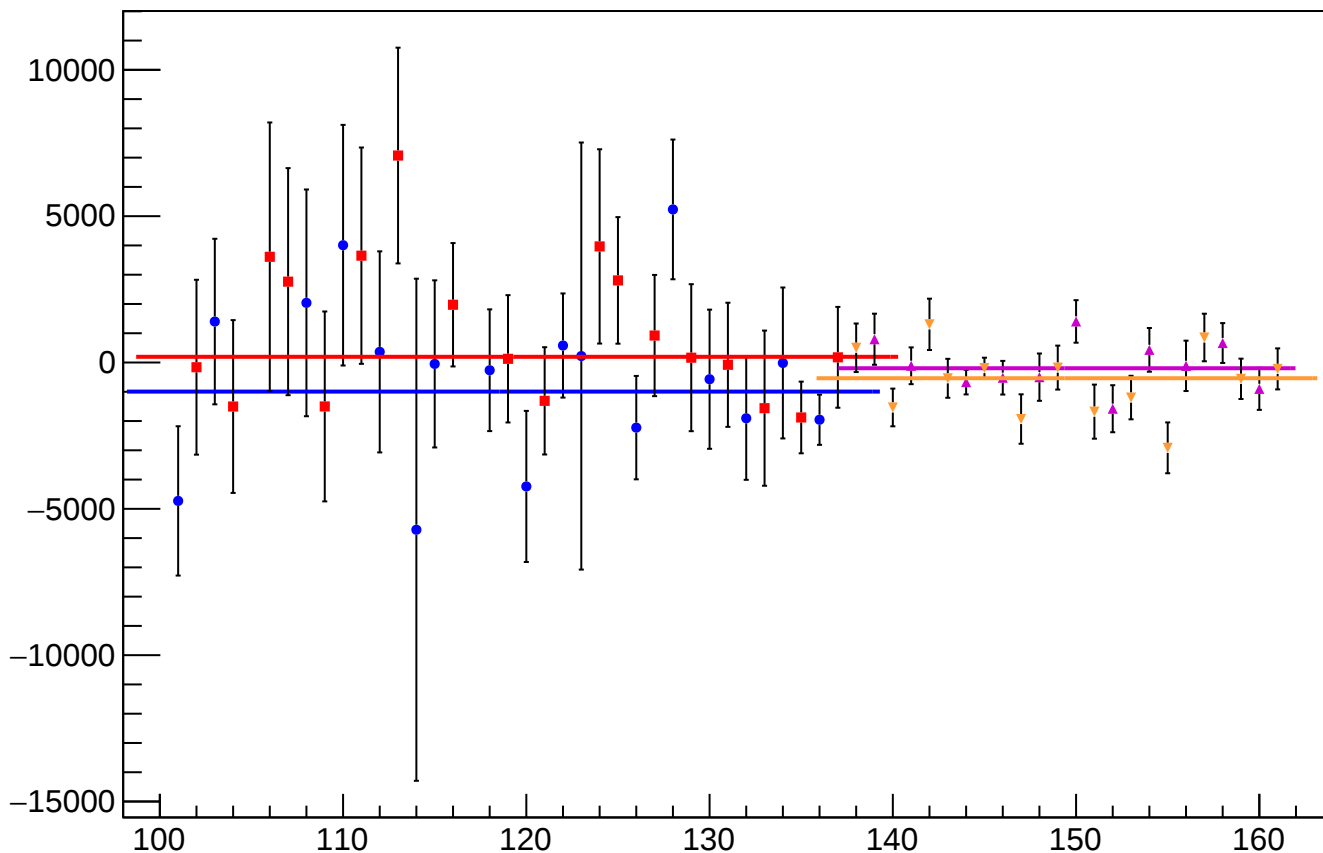
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 121.888 $\pm$ 0.022 χ^2 /NDF:1640083.7/27

Out: 118.979 $\pm$ 0.021 χ^2 /NDF:2262340.8/30

All: 120.356 $\pm$ 0.015 χ^2 /NDF: 3911235.5/58

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -537.360+/-187.121 χ^2/NDF : 25.3/12

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -195.883+/-201.105 χ^2/NDF : 14.1/10

Left: -378.906+/-136.992 χ^2/NDF : 40.9/23

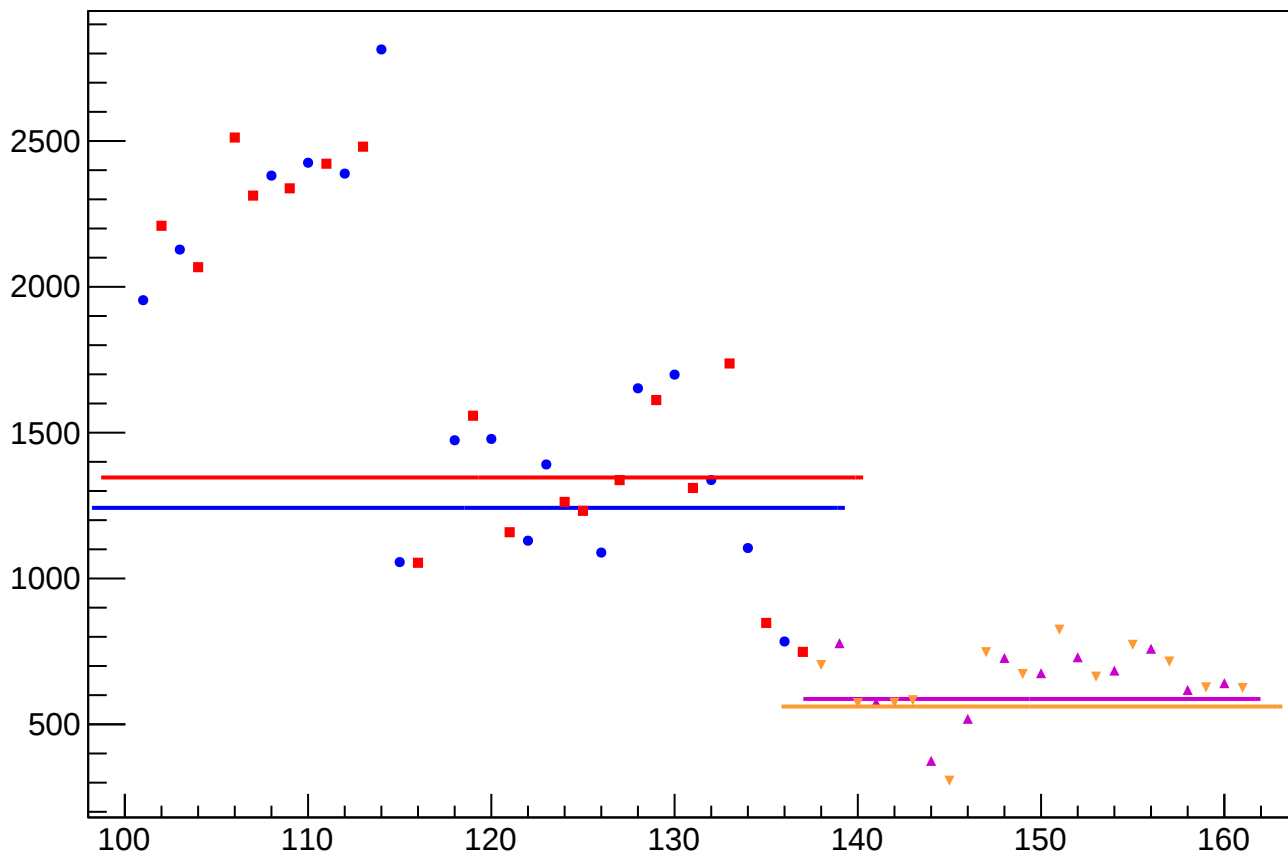
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -300.935+/-187.399 χ^2/NDF : 33.1/27

Out: -459.826+/-176.939 χ^2/NDF : 40.4/30

All: -384.939+/-128.654 χ^2/NDF : 73.9/58

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 560.975+/-0.132 χ^2/NDF : 1664991.8/12

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 586.989+/-0.142 χ^2/NDF : 916467.7/10

Left: 573.046+/-0.097 χ^2/NDF : 2599395.6/23

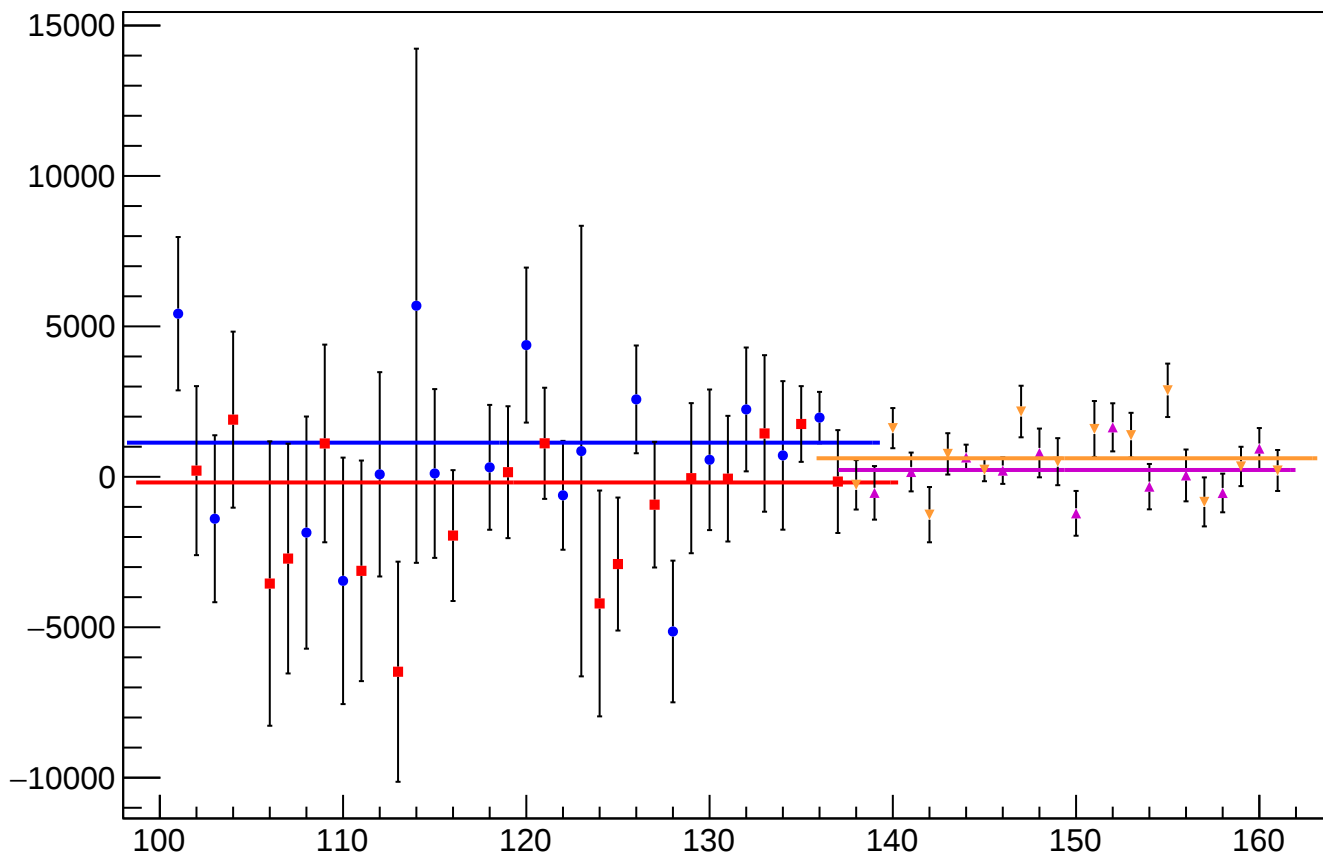
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 673.251+/-0.133 χ^2/NDF : 5478793.1/27

Out: 644.115+/-0.125 χ^2/NDF : 7203778.3/30

All: 657.847+/-0.091 χ^2/NDF : 12708130.9/58

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 616.686 $\pm$ 191.870 χ^2 /NDF:24.3/12

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 227.332 $\pm$ 192.812 χ^2 /NDF:12.2/10

Left: 422.962 $\pm$ 136.004 χ^2 /NDF: 38.5/23

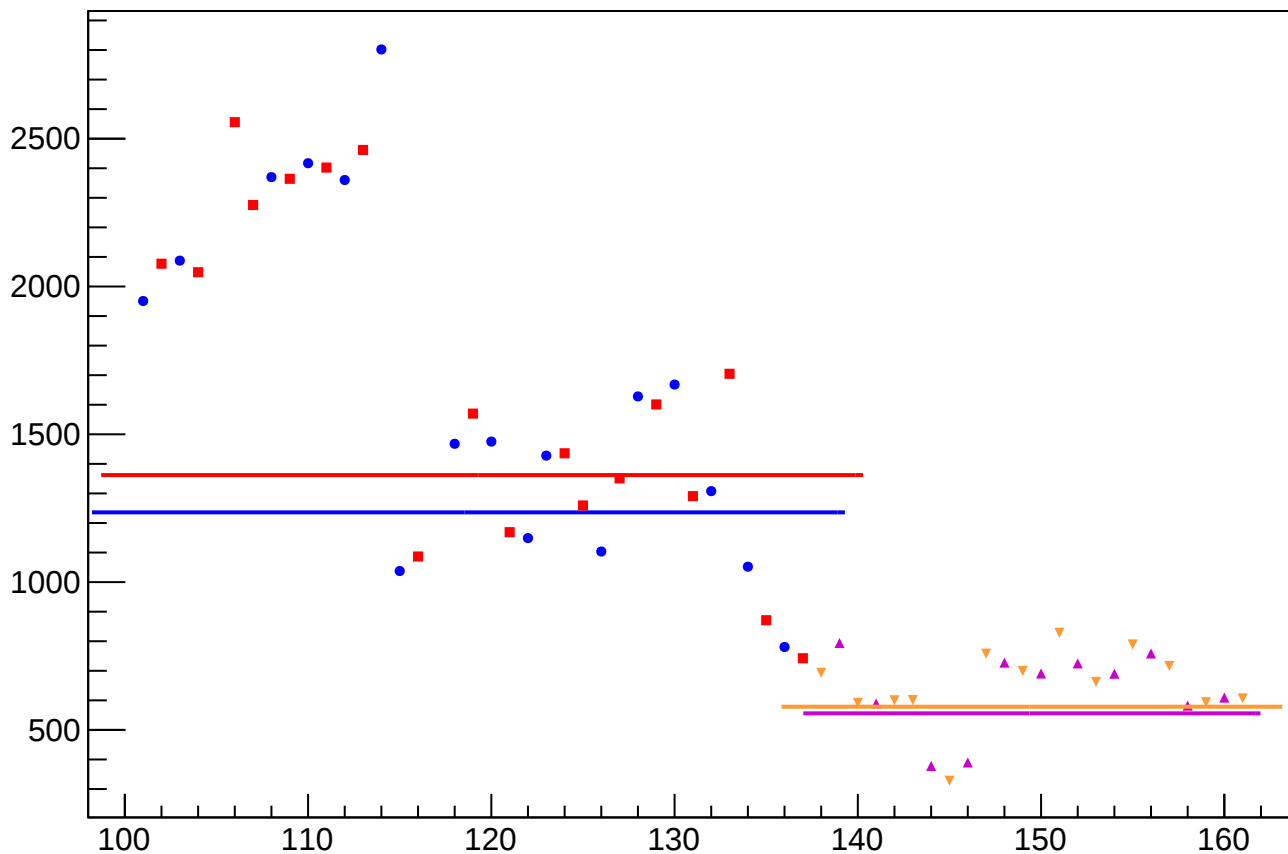
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 339.415 $\pm$ 180.518 χ^2 /NDF:32.7/27

Out: 528.920 $\pm$ 181.098 χ^2 /NDF:38.1/30

All: 433.864 $\pm$ 127.850 χ^2 /NDF: 71.4/58

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 578.509 $\pm$ 0.136 χ^2 /NDF: 1387404.2/12

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 556.064 $\pm$ 0.136 χ^2 /NDF: 1215579.0/10

Left: 567.341 $\pm$ 0.096 χ^2 /NDF: 2616600.9/23

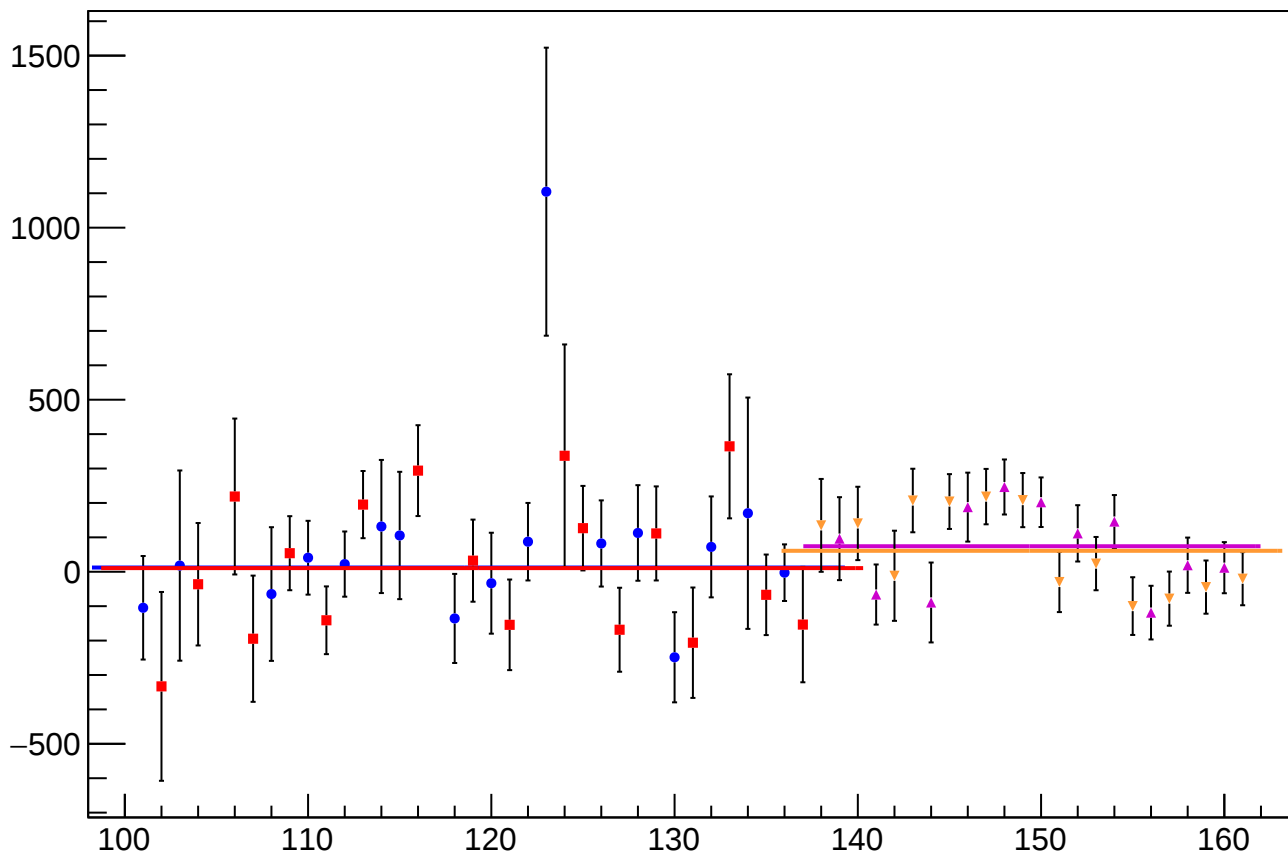
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 639.997 $\pm$ 0.128 χ^2 /NDF: 6031199.9/27

Out: 664.025 $\pm$ 0.128 χ^2 /NDF: 6737046.1/30

All: 651.973 $\pm$ 0.090 χ^2 /NDF: 12785907.0/58

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 60.914 $\pm$ 24.052 χ^2 /NDF:25.3/12

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 74.182 $\pm$ 25.473 χ^2 /NDF:22.0/10

Left: 67.168 $\pm$ 17.488 χ^2 /NDF: 47.5/23

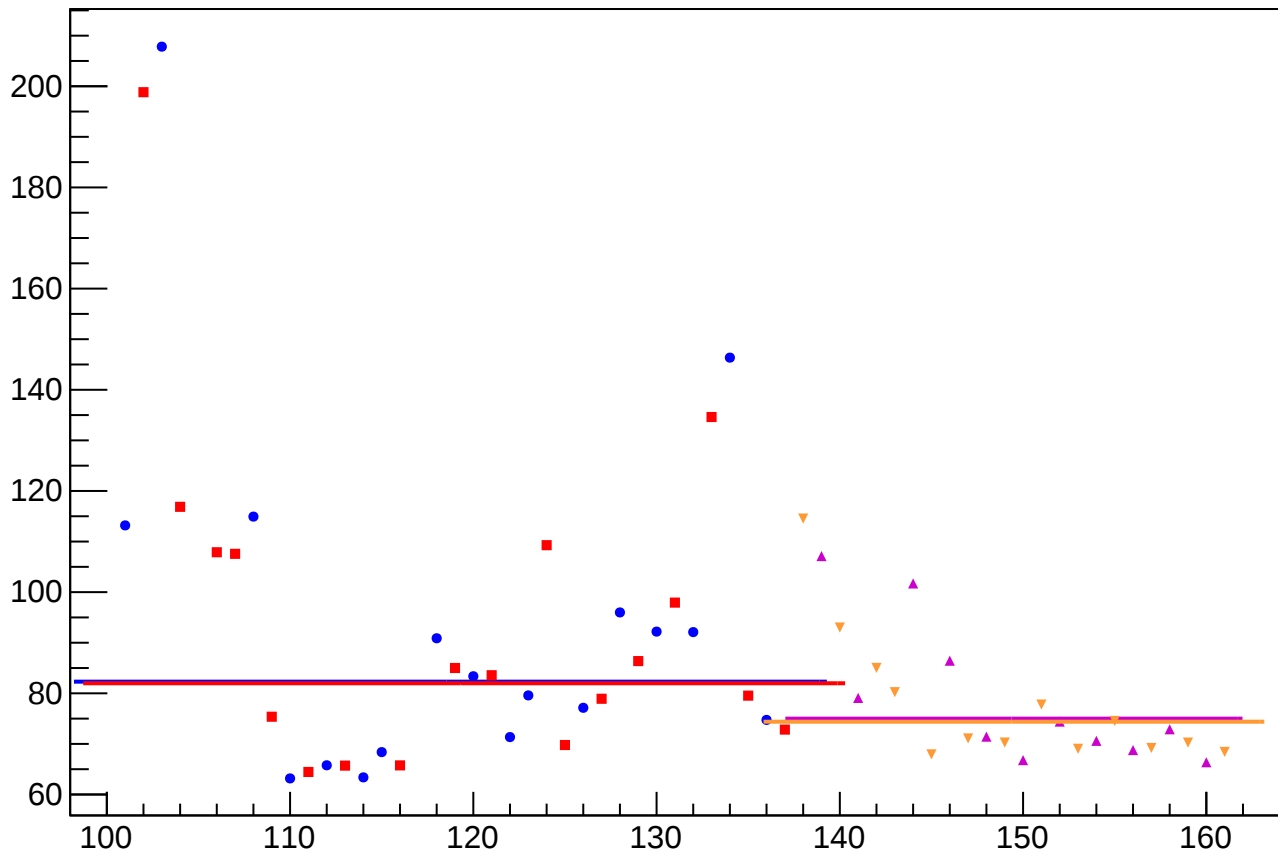
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 51.279 $\pm$ 20.216 χ^2 /NDF:39.6/27

Out: 43.181 $\pm$ 19.356 χ^2 /NDF:53.6/30

All: 47.054 $\pm$ 13.981 χ^2 /NDF: 93.3/58

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 74.388+/-0.017 χ^2/NDF : 320274.7/12

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 74.995+/-0.018 χ^2/NDF : 356086.0/10

Left: 74.674+/-0.012 χ^2/NDF : 676961.5/23

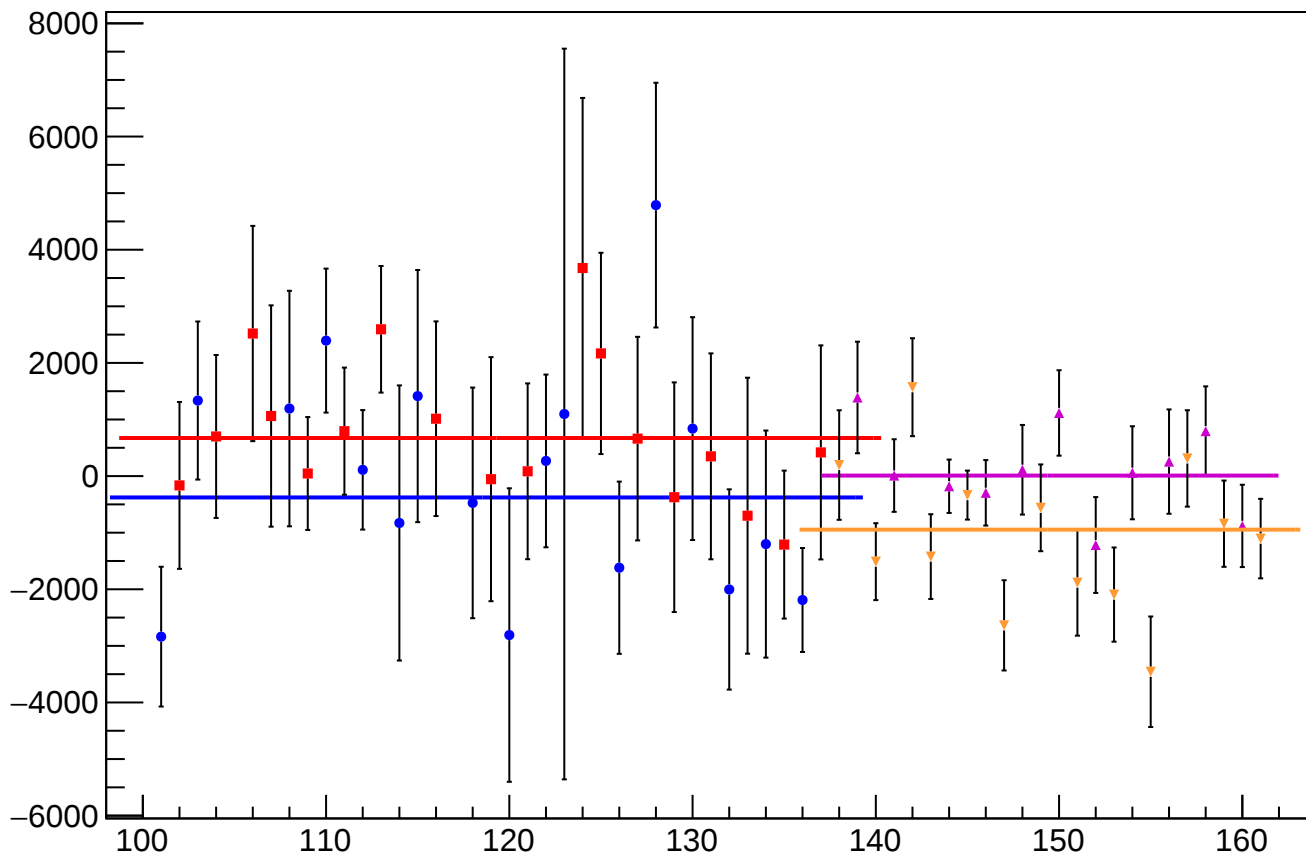
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 77.701+/-0.014 χ^2/NDF : 1285811.6/27

Out: 77.066+/-0.014 χ^2/NDF : 1243855.8/30

All: 77.370+/-0.010 χ^2/NDF : 2530698.3/58

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -946.358+/-205.315 χ^2/NDF : 29.5/12

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: 8.882+/-214.045 χ^2/NDF : 9.2/10

Left: -488.615+/-148.170 χ^2/NDF : 49.1/23

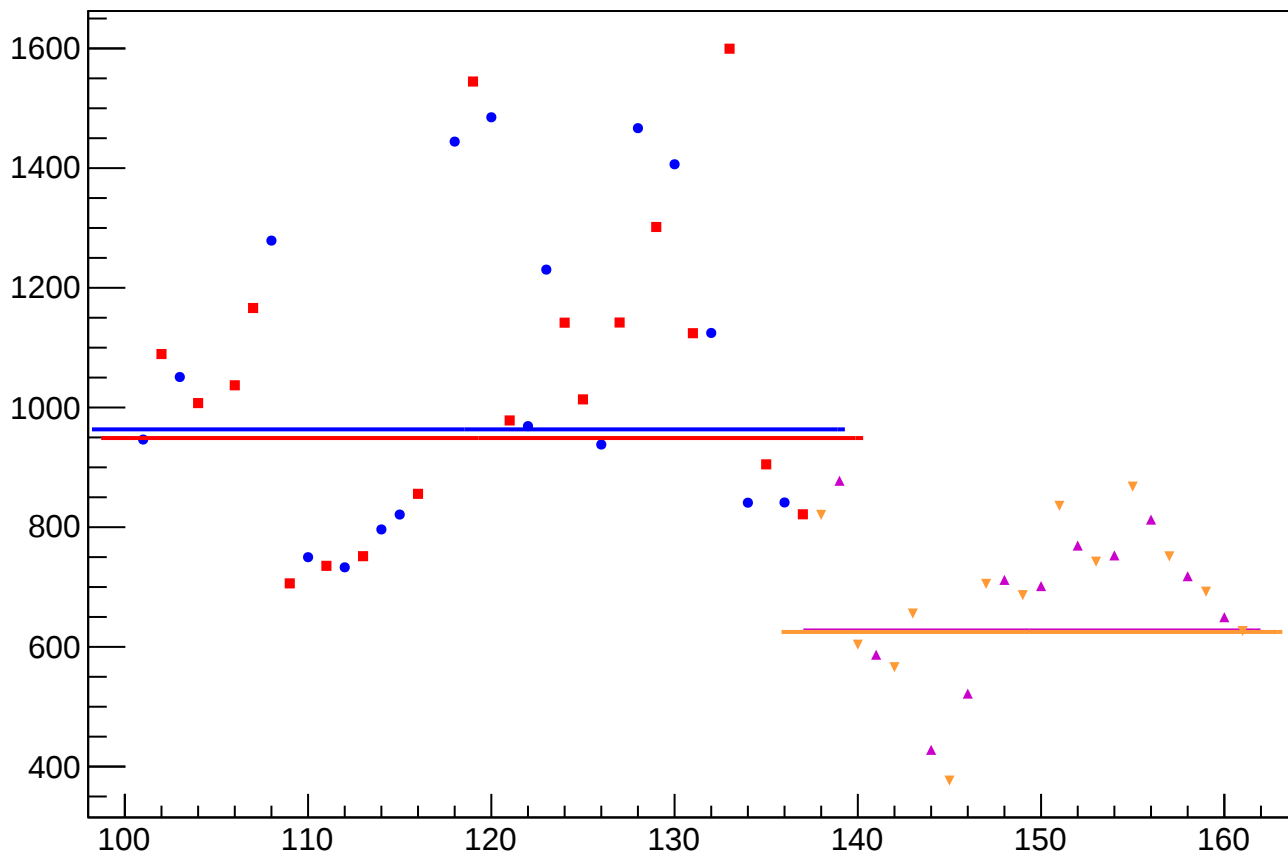
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: -82.707+/-186.950 χ^2/NDF : 34.4/27

Out: -562.895+/-179.369 χ^2/NDF : 53.6/30

All: -332.734+/-129.430 χ^2/NDF : 91.4/58

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 624.962+/-0.145 χ^2/NDF : 1113025.2/12

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 627.470+/-0.151 χ^2/NDF : 814473.2/10

Left: 626.164+/-0.105 χ^2/NDF : 1927641.3/23

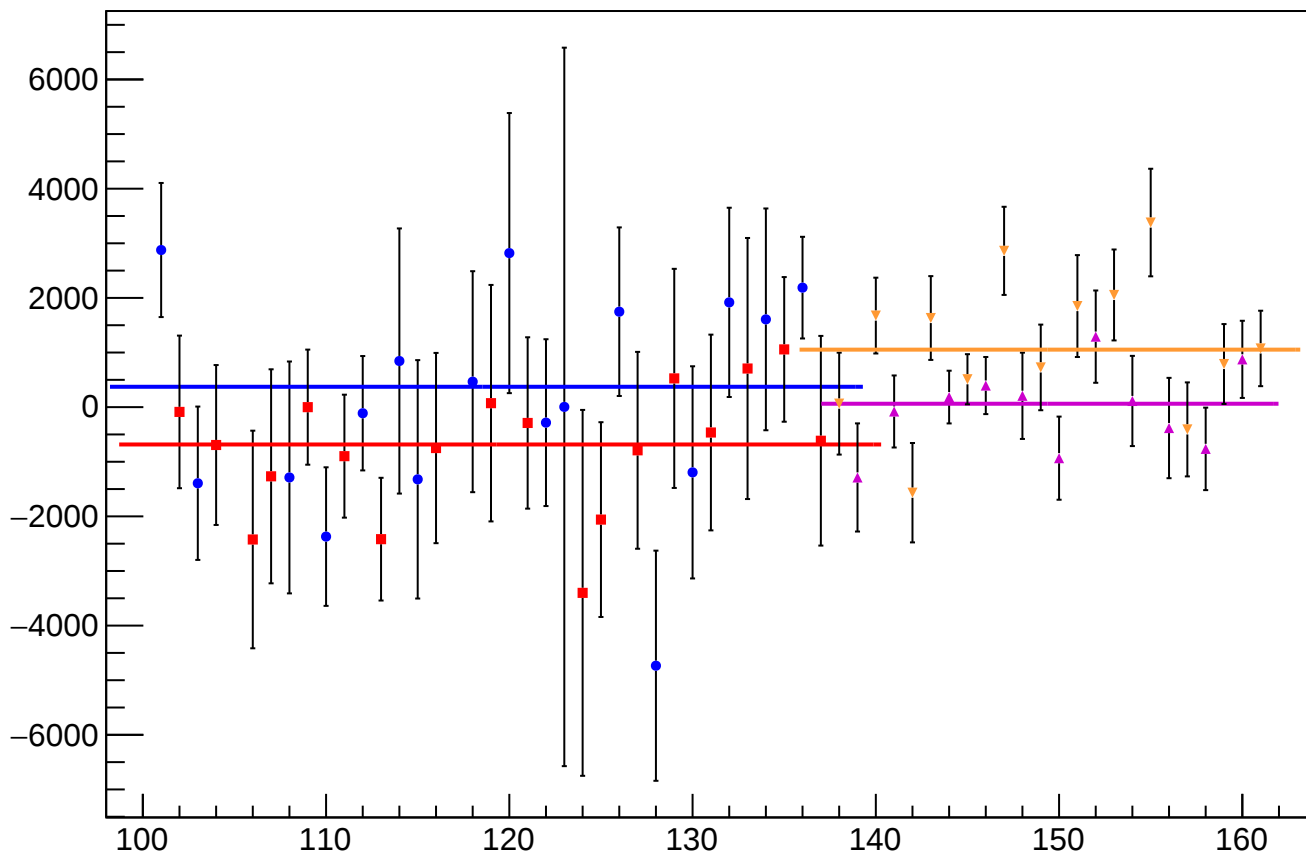
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 707.152+/-0.132 χ^2/NDF : 2672081.8/27

Out: 701.673+/-0.127 χ^2/NDF : 3021550.0/30

All: 704.299+/-0.092 χ^2/NDF : 5694526.3/58

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1052.809+/-208.593 χ^2/NDF : 28.1/12

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 62.267+/-211.264 χ^2/NDF : 9.0/10

Left: 563.840+/-148.433 χ^2/NDF : 48.3/23

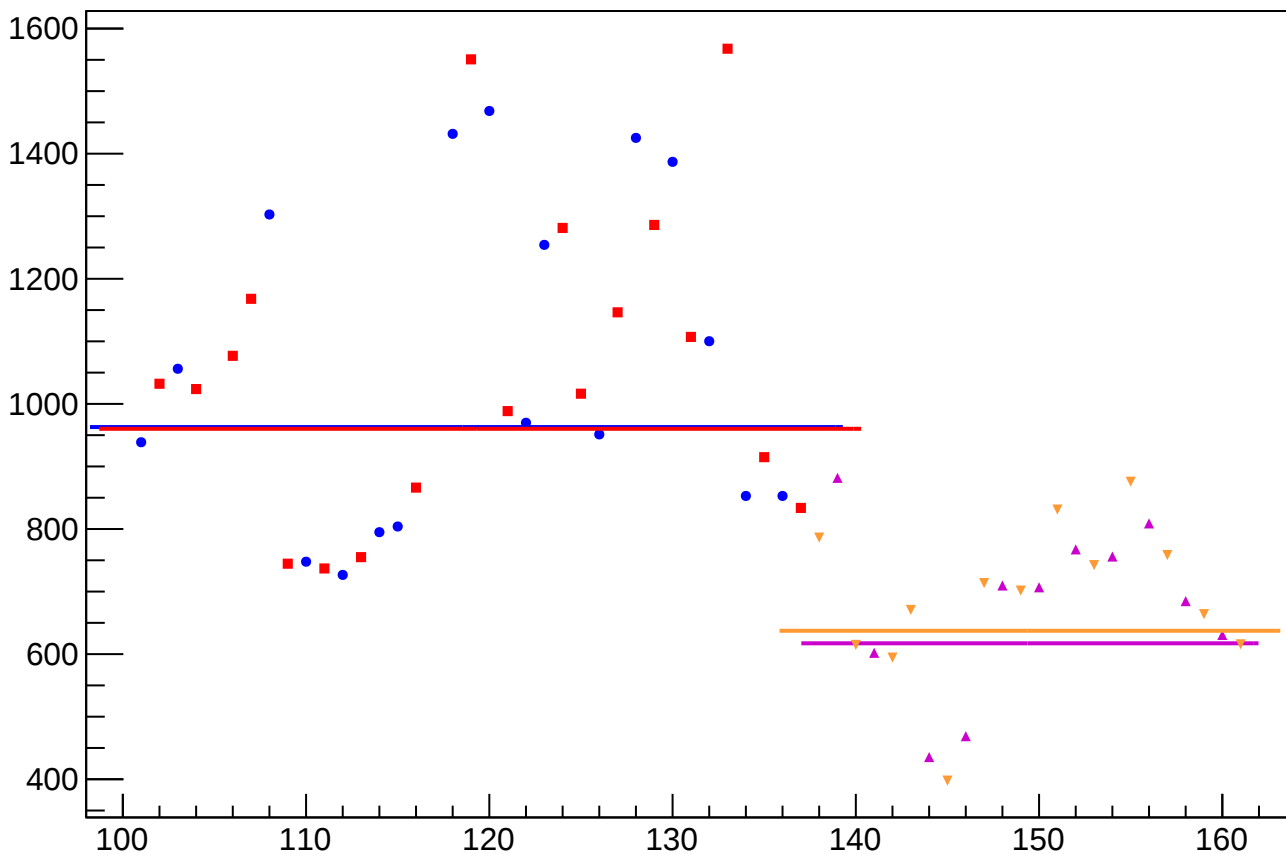
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 134.541+/-185.062 χ^2/NDF : 34.8/27

Out: 638.150+/-181.990 χ^2/NDF : 52.5/30

All: 390.559+/-129.759 χ^2/NDF : 91.0/58

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 ± 0.271 $\chi^2/\text{NDF}: 667521.9/16$

Left Out: 637.354 ± 0.147 $\chi^2/\text{NDF}: 916707.9/12$

Right Out: 960.218 ± 0.263 $\chi^2/\text{NDF}: 671009.3/17$

Left In: 617.295 ± 0.149 $\chi^2/\text{NDF}: 867250.4/10$

Left: 627.452 ± 0.105 $\chi^2/\text{NDF}: 1793087.7/23$

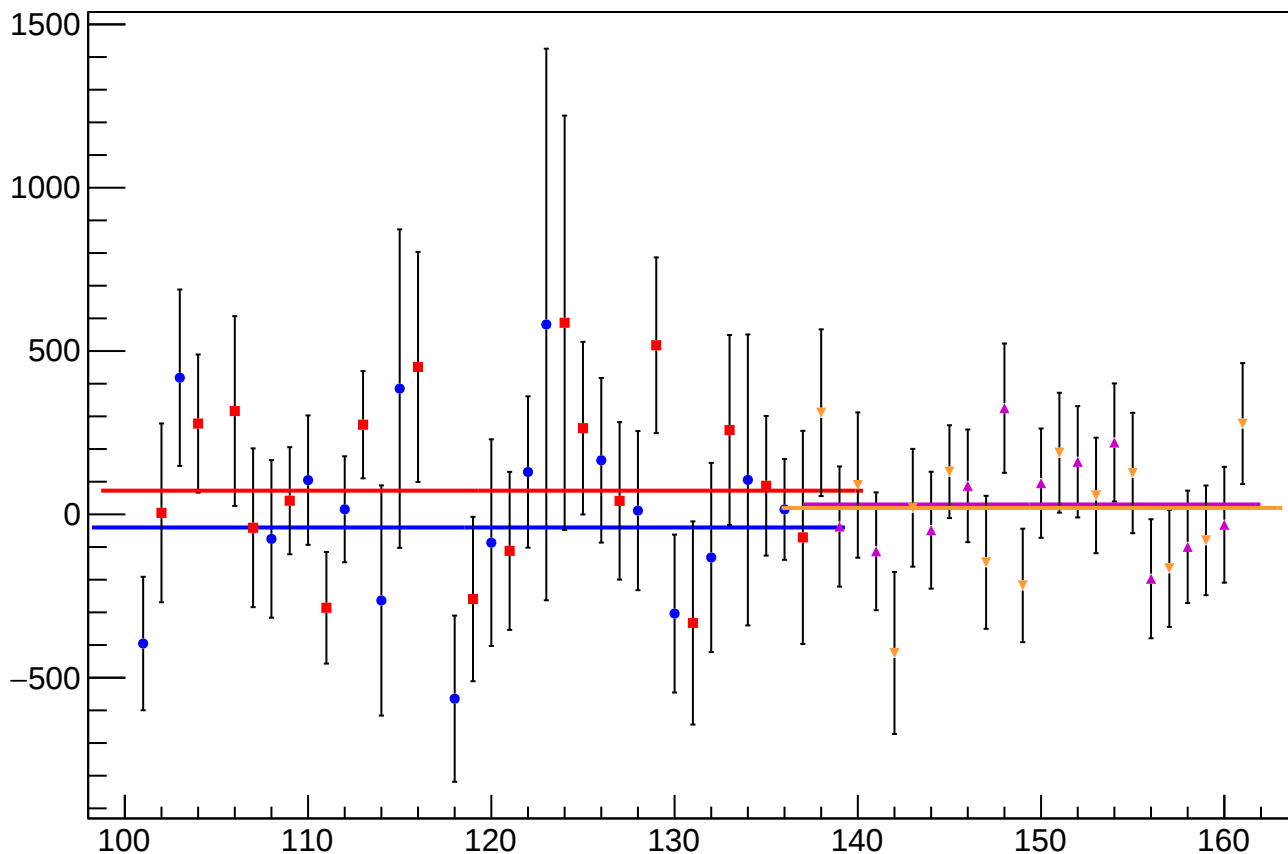
Right: 961.553 ± 0.189 $\chi^2/\text{NDF}: 1338584.2/34$

In: 697.723 ± 0.131 $\chi^2/\text{NDF}: 2780586.8/27$

Out: 714.454 ± 0.129 $\chi^2/\text{NDF}: 2731928.1/30$

All: 706.229 ± 0.092 $\chi^2/\text{NDF}: 5520825.2/58$

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 19.600 ± 51.552 χ^2/NDF : 12.3/12

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 30.335 ± 53.671 χ^2/NDF : 7.4/10

Left: 24.752 ± 37.179 χ^2/NDF : 19.7/23

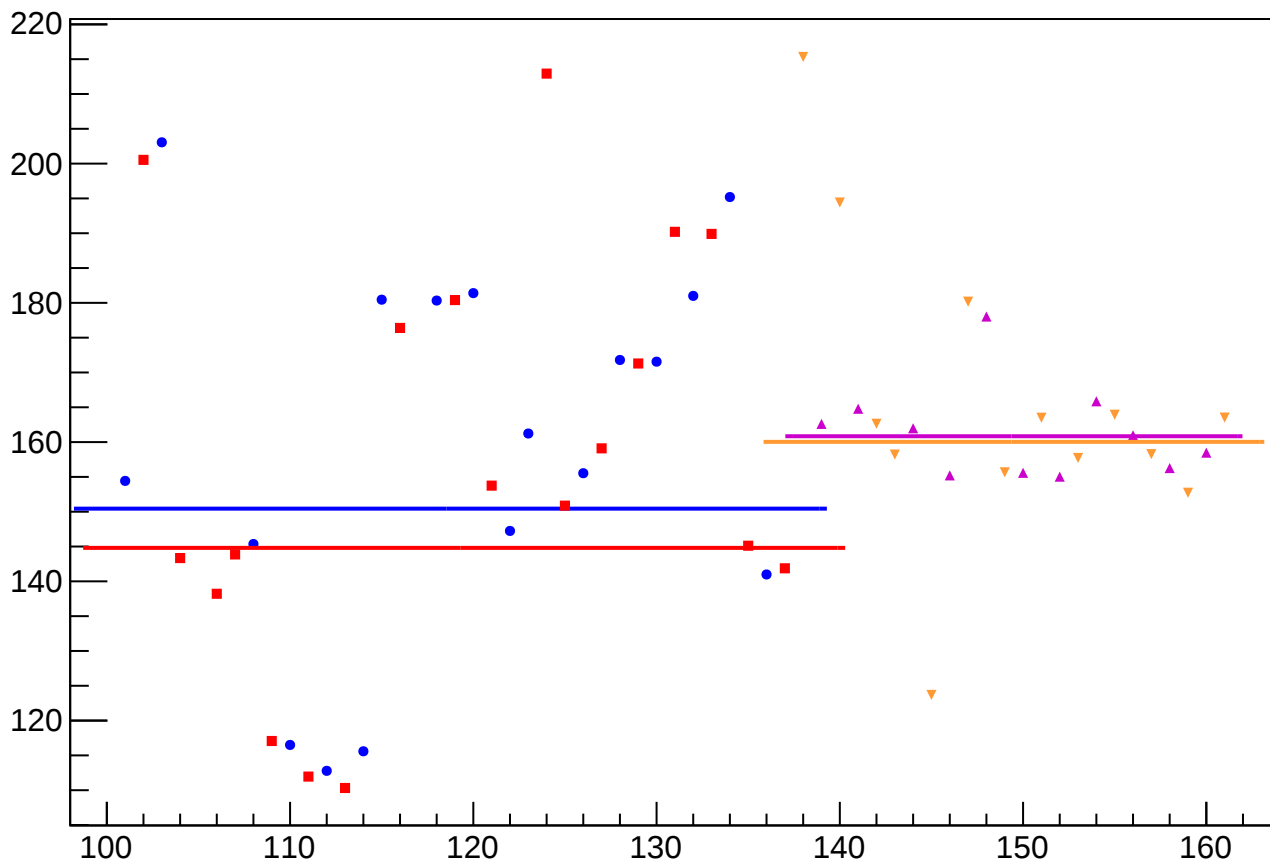
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: -1.417 ± 39.779 χ^2/NDF : 23.5/27

Out: 43.768 ± 38.025 χ^2/NDF : 30.4/30

All: 22.194 ± 27.487 χ^2/NDF : 54.6/58

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2/NDF : 400121.4/16

Left Out: 160.035 $\pm$ 0.036 χ^2/NDF : 300574.1/12

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 160.842 $\pm$ 0.038 χ^2/NDF : 26040.8/10

Left: 160.422 $\pm$ 0.026 χ^2/NDF : 326850.2/23

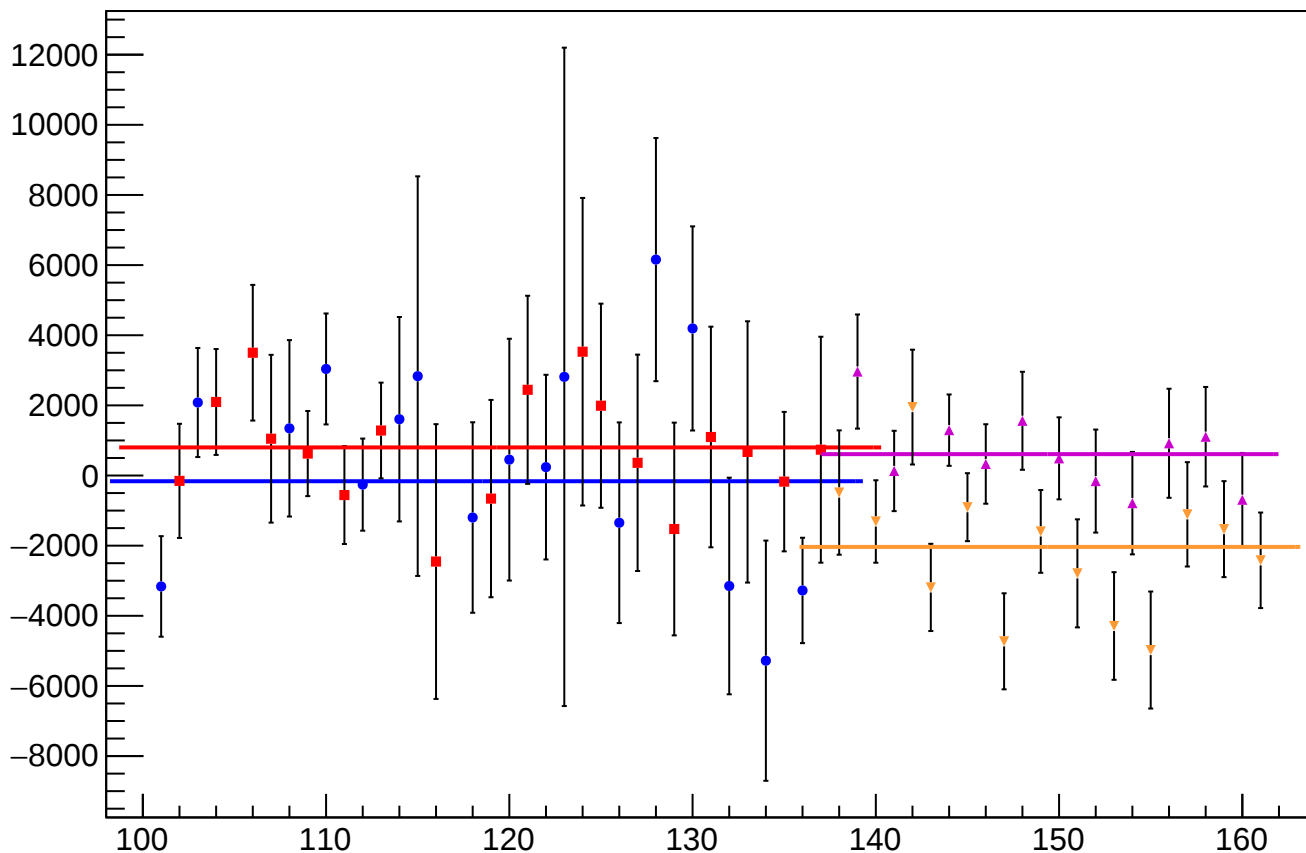
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 156.155 $\pm$ 0.028 χ^2/NDF : 460004.7/27

Out: 153.092 $\pm$ 0.027 χ^2/NDF : 884000.0/30

All: 154.554 $\pm$ 0.019 χ^2/NDF : 1350200.9/58

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: -2035.837 $\pm$ 375.128 χ^2 /NDF:19.4/12

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 609.480 $\pm$ 391.248 χ^2 /NDF:5.6/10

Left: -768.794 $\pm$ 270.775 χ^2 /NDF: 48.8/23

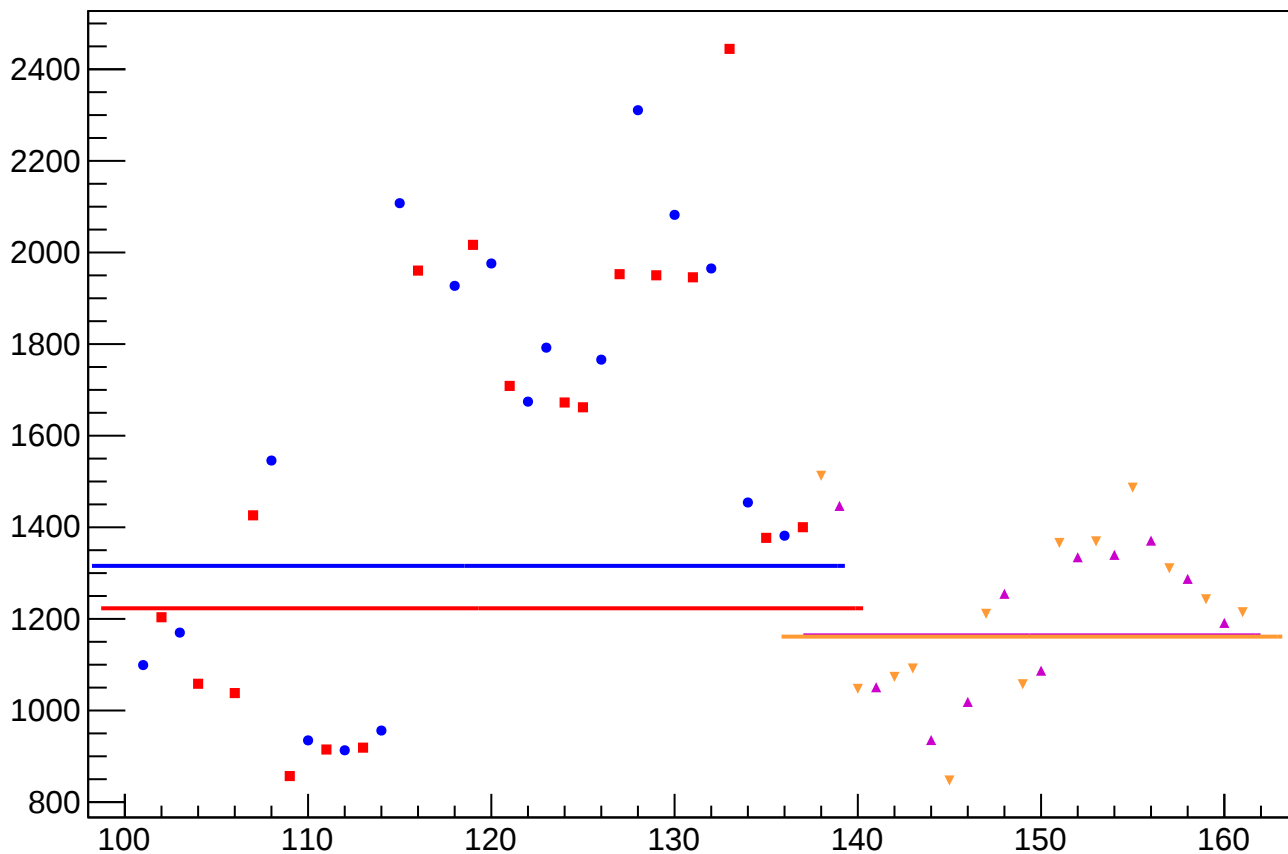
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 339.169 $\pm$ 315.431 χ^2 /NDF:32.0/27

Out: -978.322 $\pm$ 297.096 χ^2 /NDF:47.6/30

All: -358.979 $\pm$ 216.270 χ^2 /NDF: 88.9/58

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: 1161.291 $\pm$ 0.265 χ^2 /NDF: 515700.6/12

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1164.112 $\pm$ 0.277 χ^2 /NDF: 338068.2/10

Left: 1162.642 $\pm$ 0.191 χ^2 /NDF: 853823.0/23

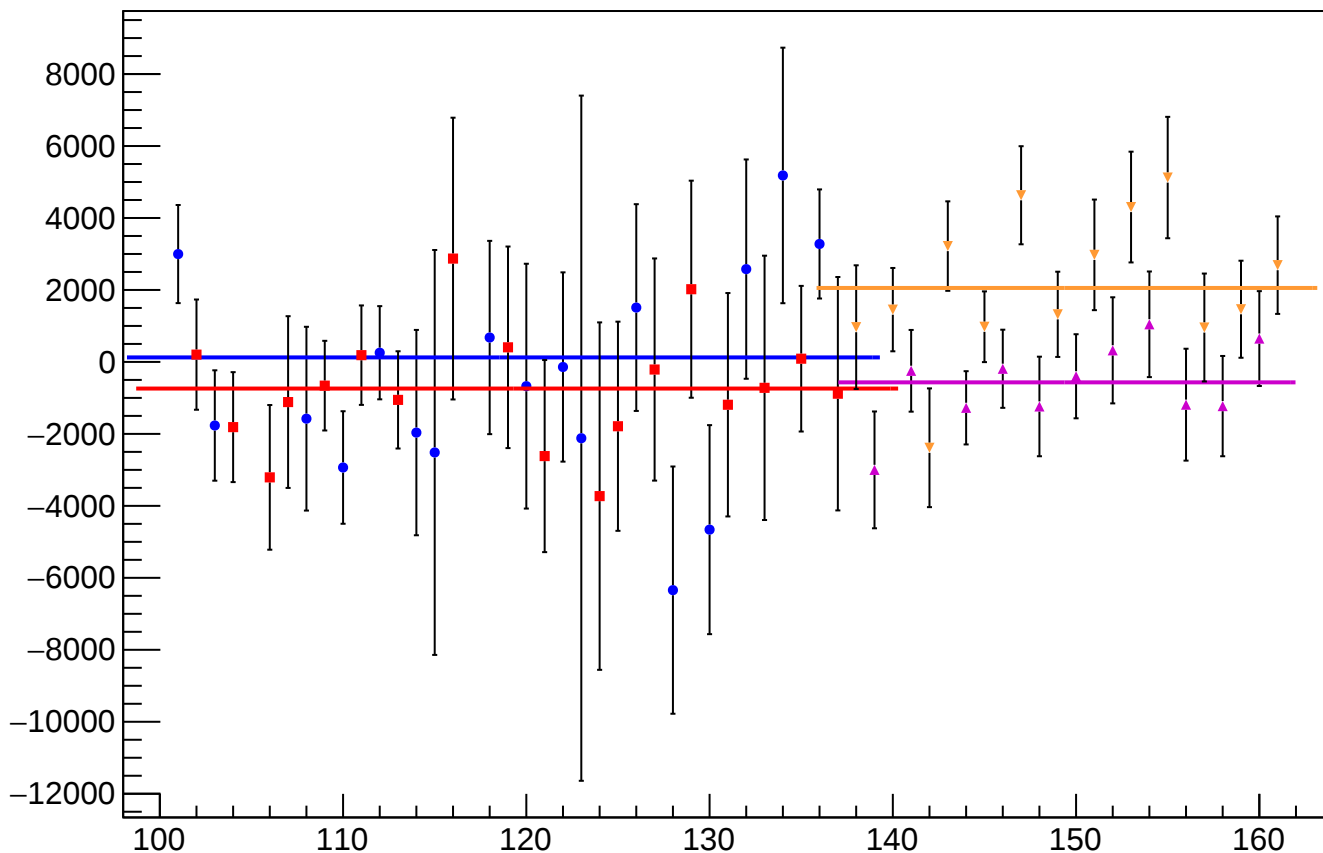
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1217.200 $\pm$ 0.223 χ^2 /NDF: 1561616.3/27

Out: 1184.360 $\pm$ 0.210 χ^2 /NDF: 1899046.9/30

All: 1199.798 $\pm$ 0.153 χ^2 /NDF: 3472150.4/58

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2055.576 $\pm$ 374.719 χ^2 /NDF:20.7/12

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -567.825 $\pm$ 387.729 χ^2 /NDF:6.0/10

Left: 788.625 $\pm$ 269.448 χ^2 /NDF: 50.4/23

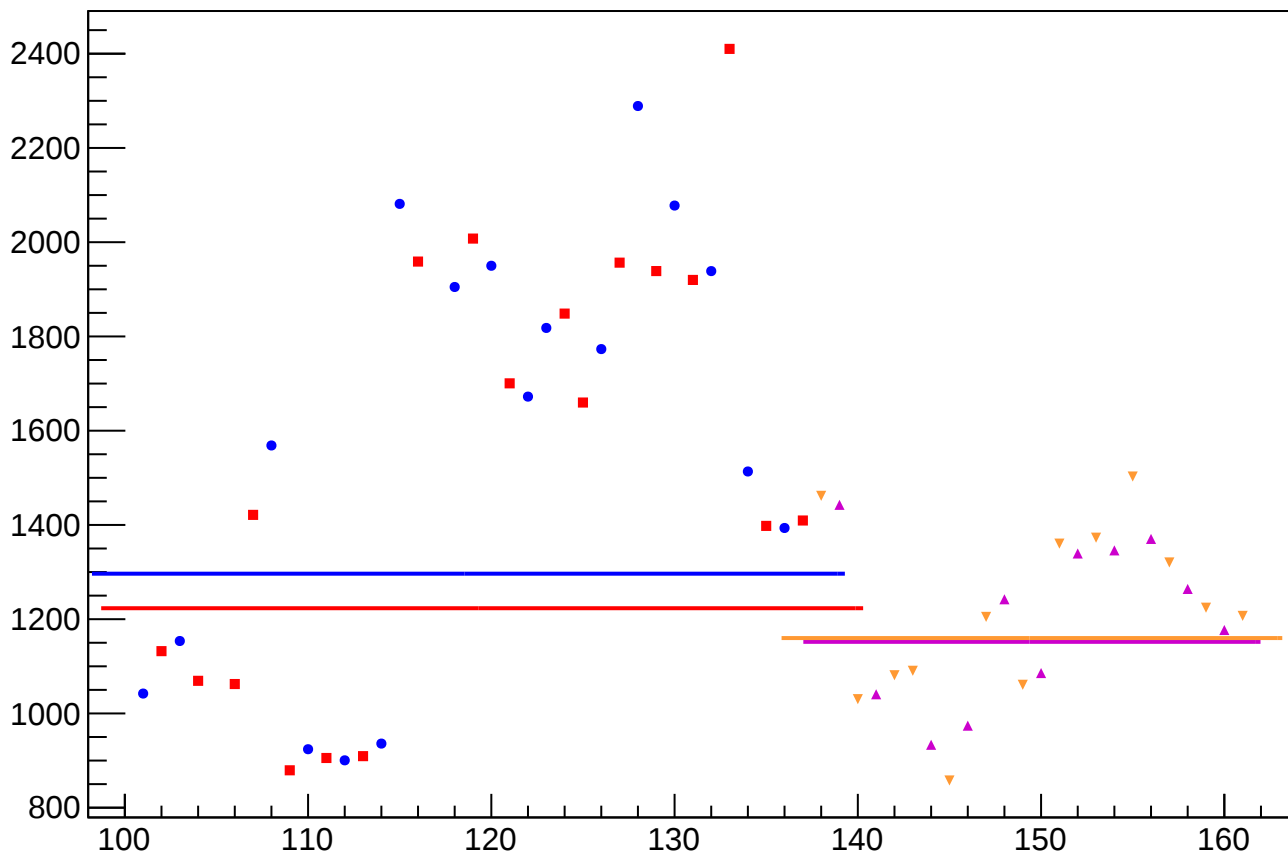
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -324.257 $\pm$ 312.268 χ^2 /NDF:31.8/27

Out: 1015.468 $\pm$ 296.937 χ^2 /NDF:47.4/30

All: 379.298 $\pm$ 215.182 χ^2 /NDF: 88.8/58

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1159.950 $\pm$ 0.265 χ^2 /NDF: 487632.8/12

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1151.953 $\pm$ 0.274 χ^2 /NDF: 364567.3/10

Left: 1156.088 $\pm$ 0.191 χ^2 /NDF: 852640.0/23

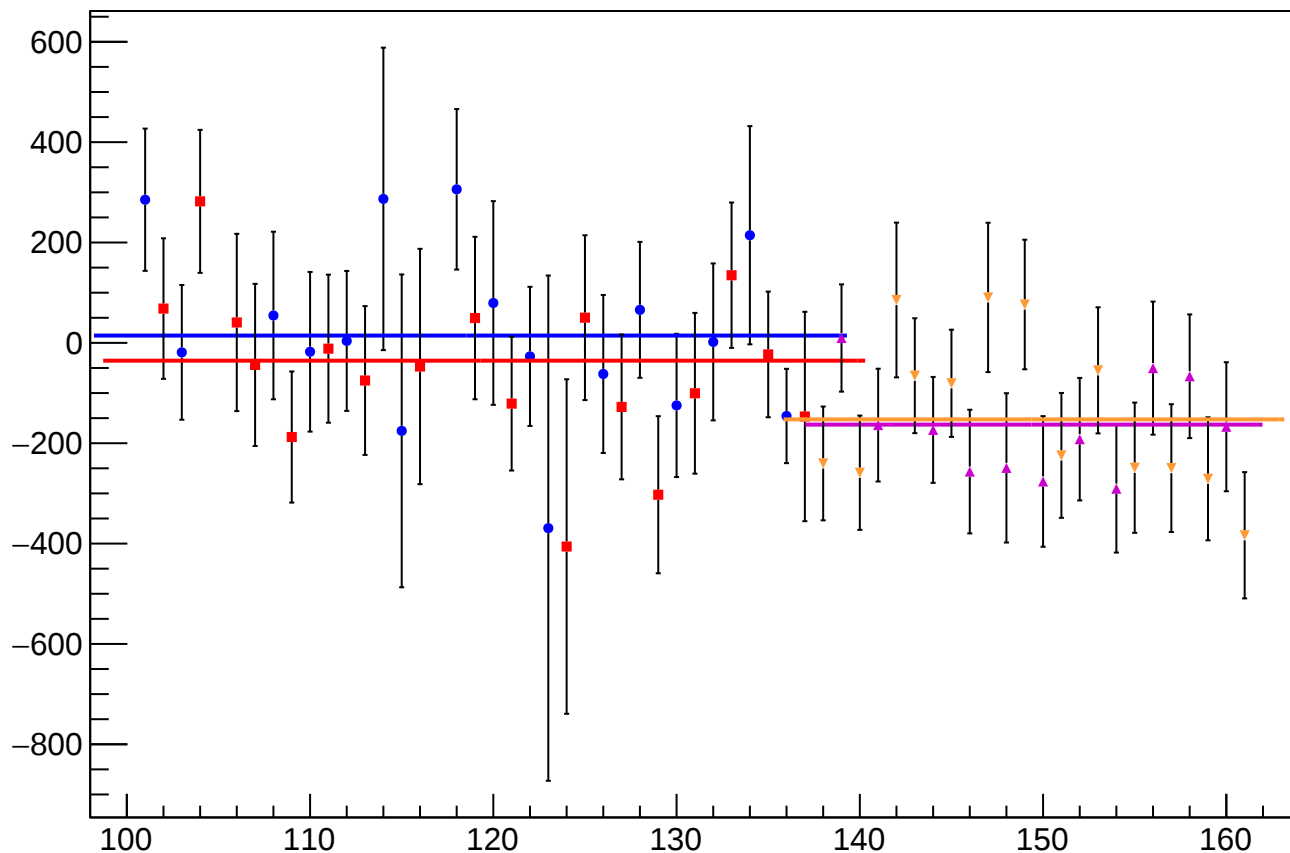
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1202.768 $\pm$ 0.221 χ^2 /NDF: 1637800.3/27

Out: 1183.510 $\pm$ 0.210 χ^2 /NDF: 1855573.1/30

All: 1192.655 $\pm$ 0.152 χ^2 /NDF: 3497367.8/58

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: -152.463 ± 34.411 $\chi^2/\text{NDF}: 17.1/12$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -162.888 ± 36.798 $\chi^2/\text{NDF}: 6.7/10$

Left: -157.326 ± 25.134 $\chi^2/\text{NDF}: 23.8/23$

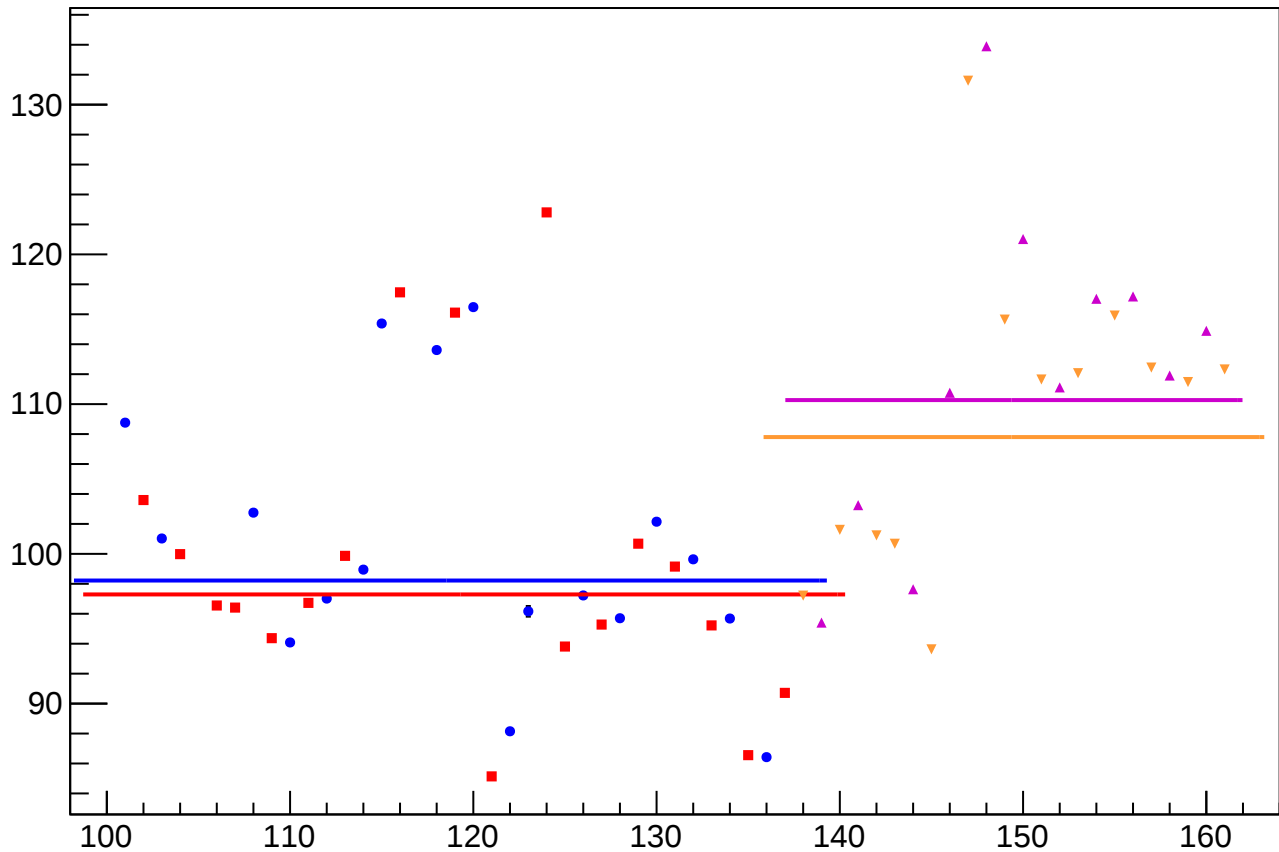
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -77.045 ± 26.441 $\chi^2/\text{NDF}: 32.1/27$

Out: -97.775 ± 25.111 $\chi^2/\text{NDF}: 37.0/30$

All: -87.944 ± 18.208 $\chi^2/\text{NDF}: 69.4/58$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 107.799 $\pm$ 0.024 χ^2 /NDF:147527.0/12

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 110.270 $\pm$ 0.026 χ^2 /NDF:153379.8/10

Left: 108.952 $\pm$ 0.018 χ^2 /NDF: 305717.0/23

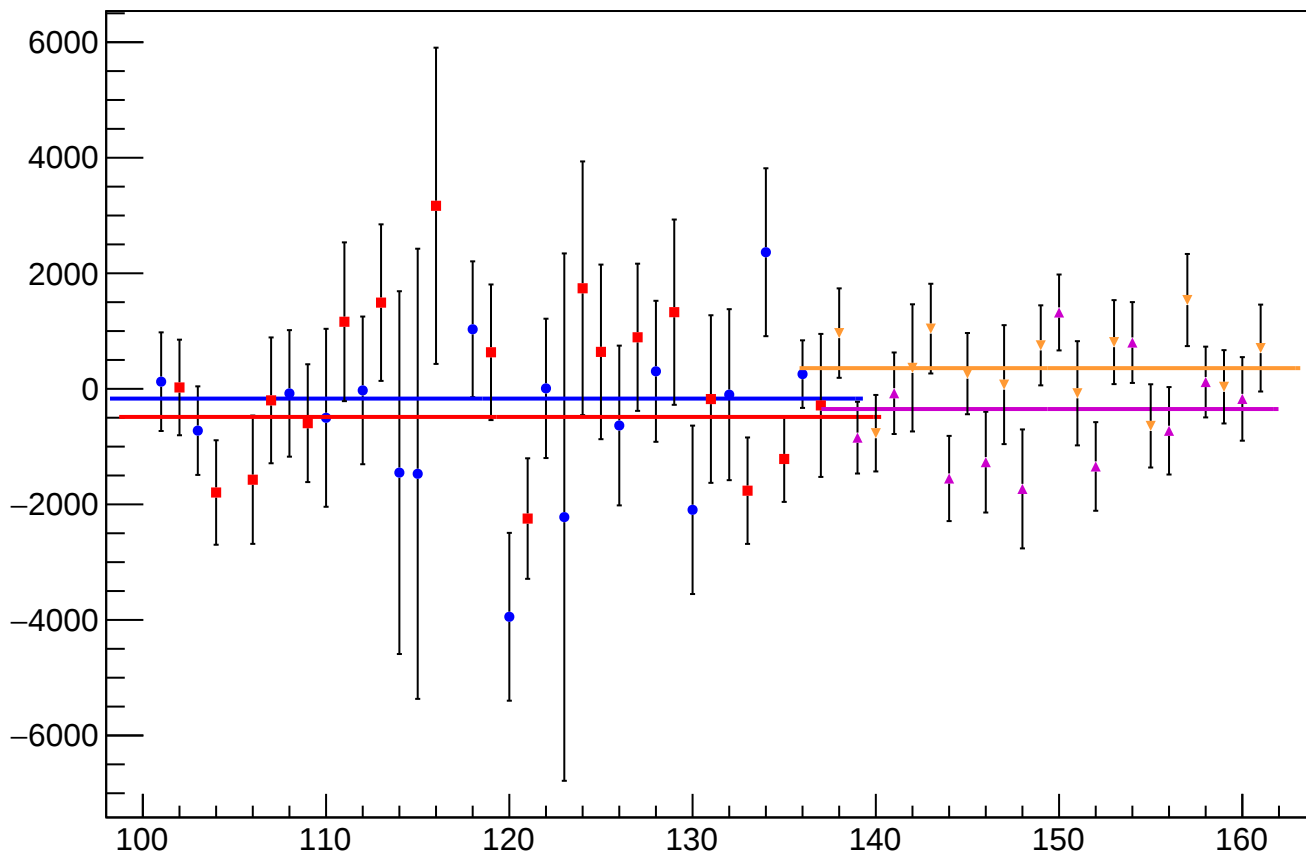
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 104.441 $\pm$ 0.019 χ^2 /NDF:357645.9/27

Out: 102.887 $\pm$ 0.018 χ^2 /NDF:330939.2/30

All: 103.624 $\pm$ 0.013 χ^2 /NDF: 692217.5/58

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: 358.303 $\pm$ 211.495 χ^2 /NDF:9.9/12

Right Out: -486.312 $\pm$ 268.010 χ^2 /NDF: 19.6/17

Left In: -349.577 $\pm$ 217.798 χ^2 /NDF:18.1/10

Left: 14.753 $\pm$ 151.729 χ^2 /NDF: 33.4/23

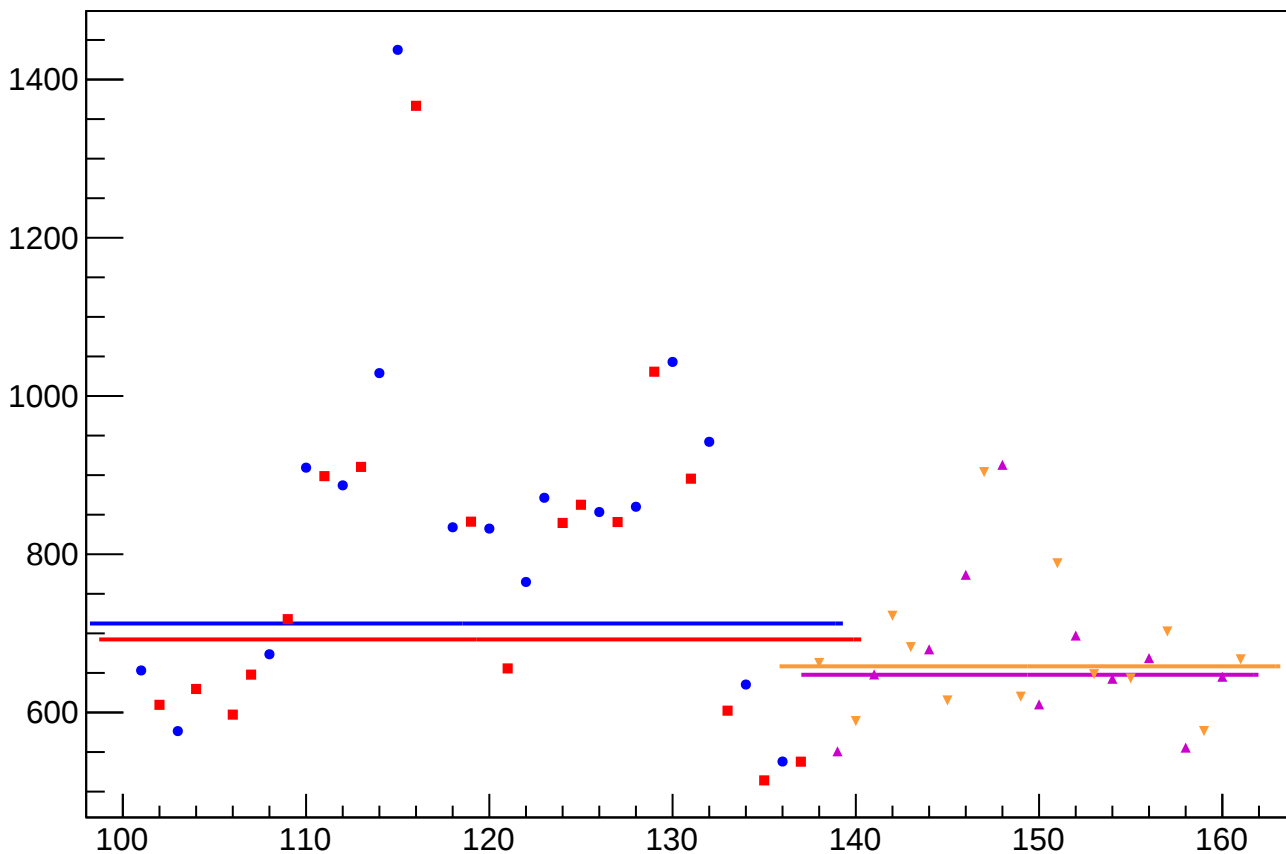
Right: -335.728 $\pm$ 194.327 χ^2 /NDF: 34.9/34

In: -282.088 $\pm$ 172.414 χ^2 /NDF:33.0/27

Out: 34.177 $\pm$ 166.026 χ^2 /NDF:35.6/30

All: -117.989 $\pm$ 119.593 χ^2 /NDF: 70.3/58

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 658.357 $\pm$ 0.150 χ^2 /NDF: 240601.0/12

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 647.666 $\pm$ 0.154 χ^2 /NDF: 288891.9/10

Left: 653.168 $\pm$ 0.107 χ^2 /NDF: 531972.7/23

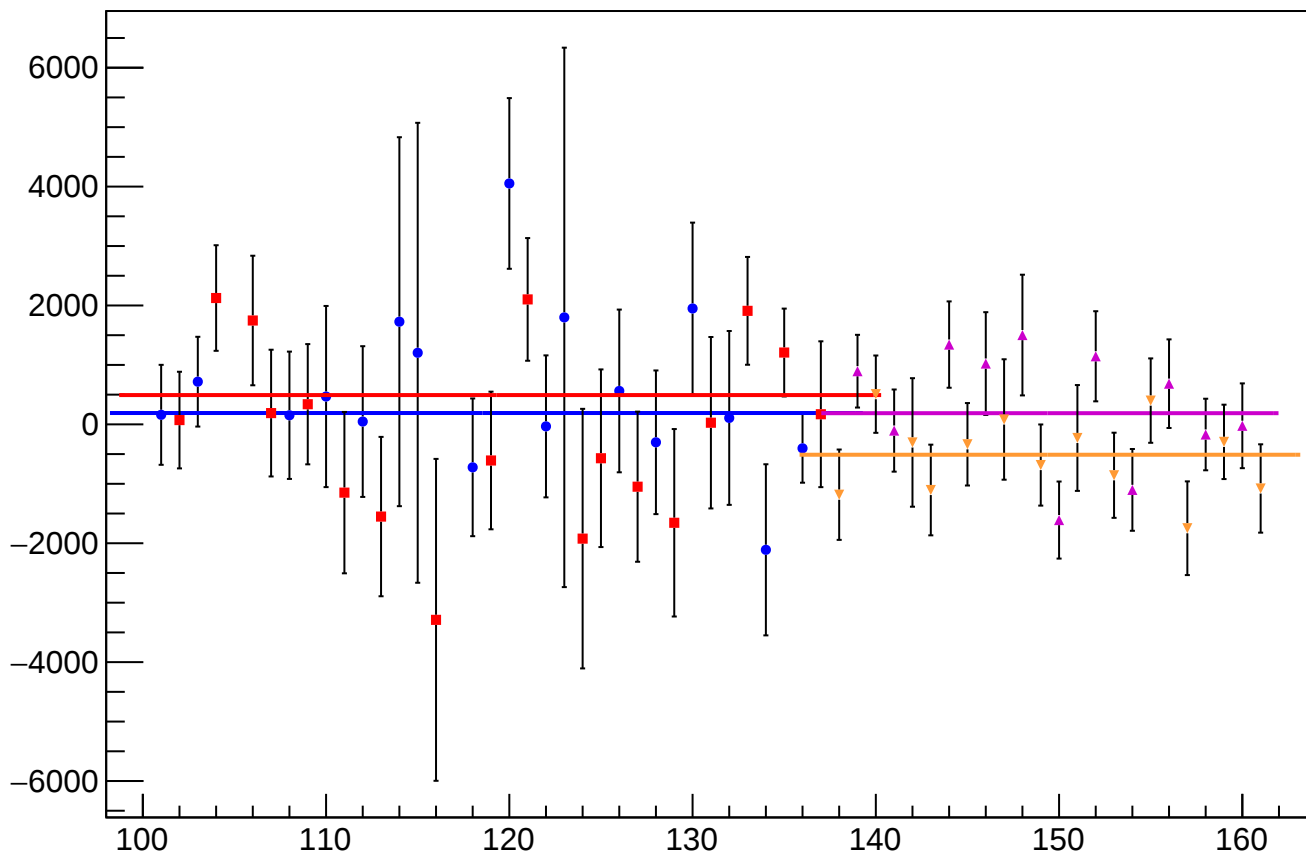
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 671.862 $\pm$ 0.122 χ^2 /NDF: 1015527.0/27

Out: 671.399 $\pm$ 0.117 χ^2 /NDF: 917372.6/30

All: 671.622 $\pm$ 0.085 χ^2 /NDF: 1932907.1/58

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -511.086 $\pm$ 208.335 χ^2 /NDF:9.5/12

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 188.109 $\pm$ 214.527 χ^2 /NDF:20.3/10

Left: -171.725 $\pm$ 149.456 χ^2 /NDF: 35.3/23

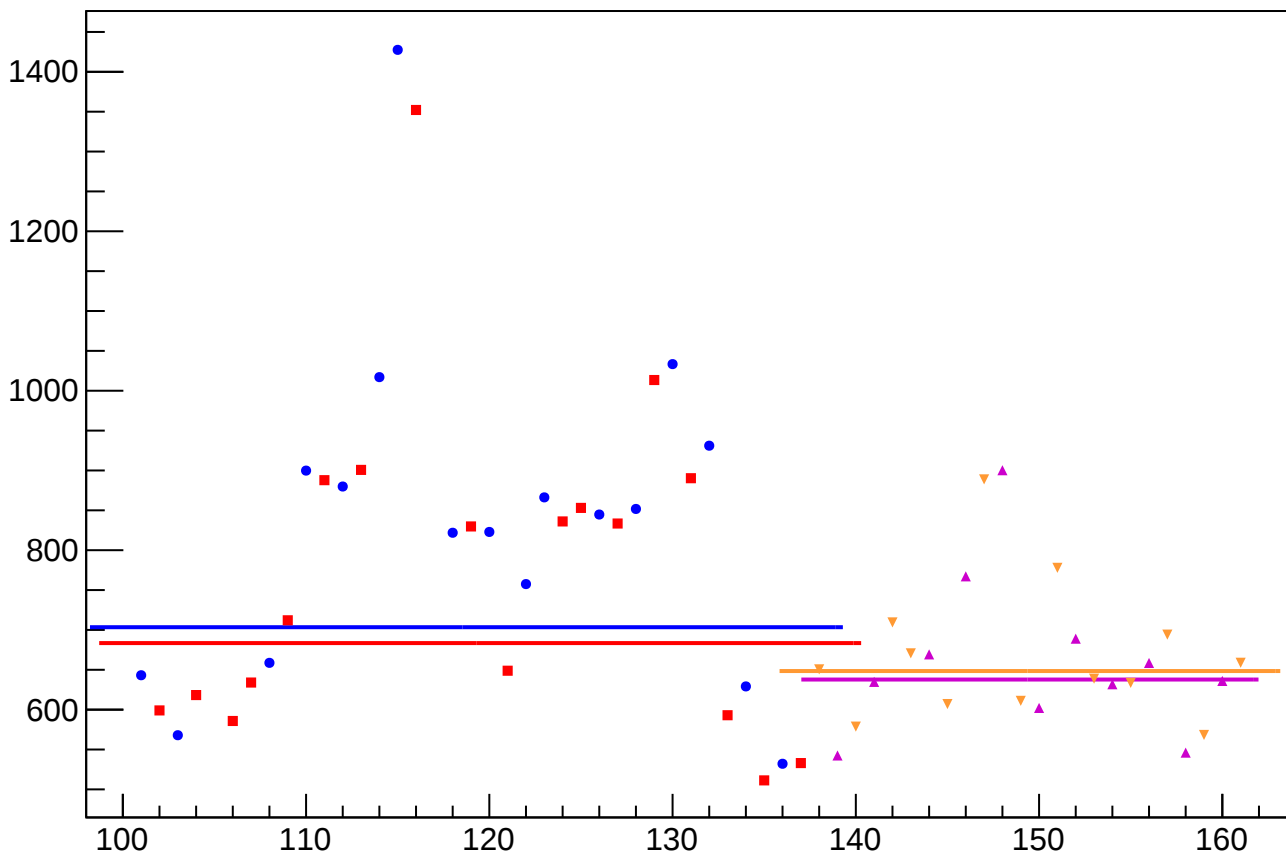
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 189.140 $\pm$ 169.990 χ^2 /NDF:34.5/27

Out: -126.967 $\pm$ 163.694 χ^2 /NDF:41.2/30

All: 25.123 $\pm$ 117.912 χ^2 /NDF: 77.5/58

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 648.430 $\pm$ 0.147 χ^2/NDF : 240265.0/12

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 637.769 $\pm$ 0.152 χ^2/NDF : 294143.7/10

Left: 643.256 $\pm$ 0.106 χ^2/NDF : 536950.5/23

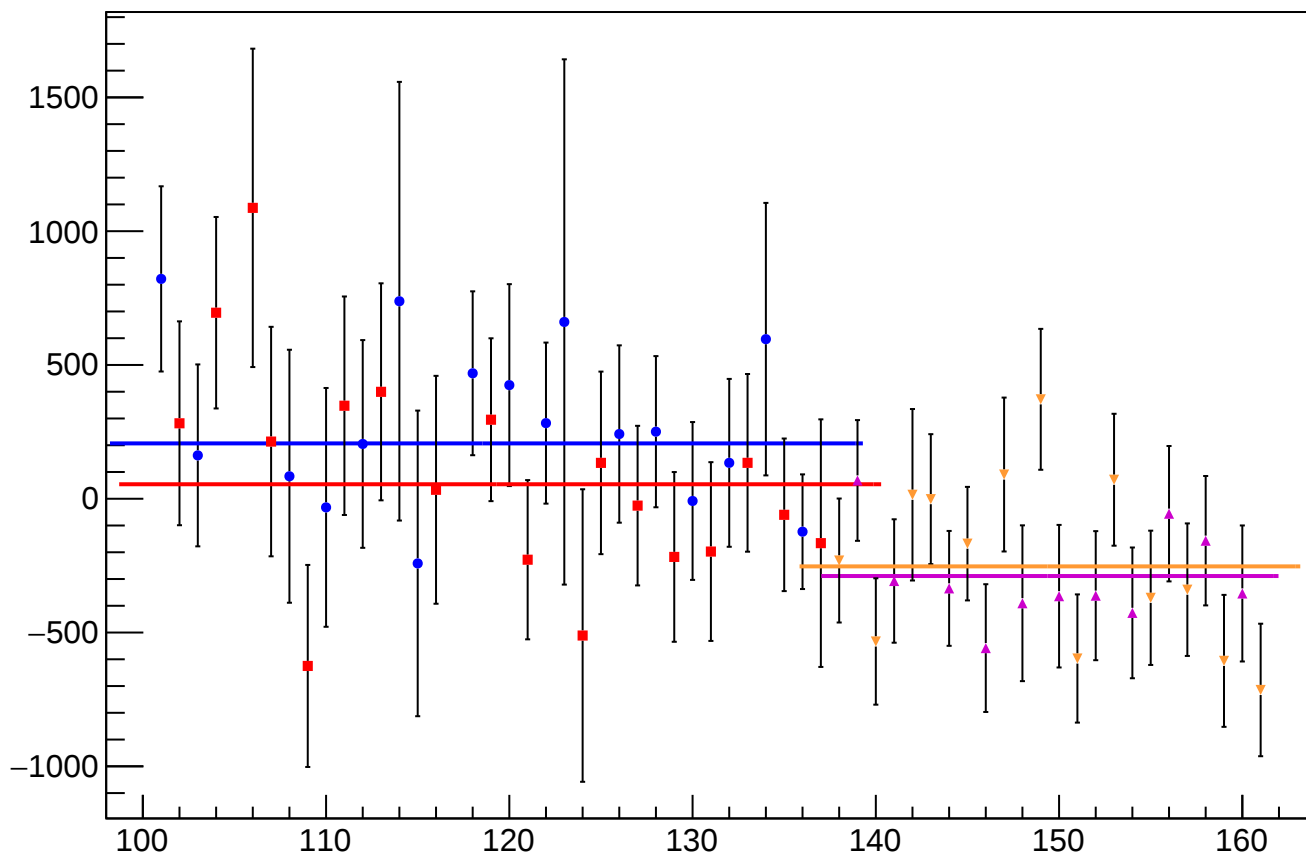
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 662.193 $\pm$ 0.120 χ^2/NDF : 1030696.5/27

Out: 661.846 $\pm$ 0.116 χ^2/NDF : 921297.4/30

All: 662.013 $\pm$ 0.083 χ^2/NDF : 1951998.2/58

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -252.785 $\pm$ 68.875 χ^2 /NDF:20.1/12

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -288.813 $\pm$ 73.379 χ^2 /NDF:5.7/10

Left: -269.659 $\pm$ 50.219 χ^2 /NDF: 25.8/23

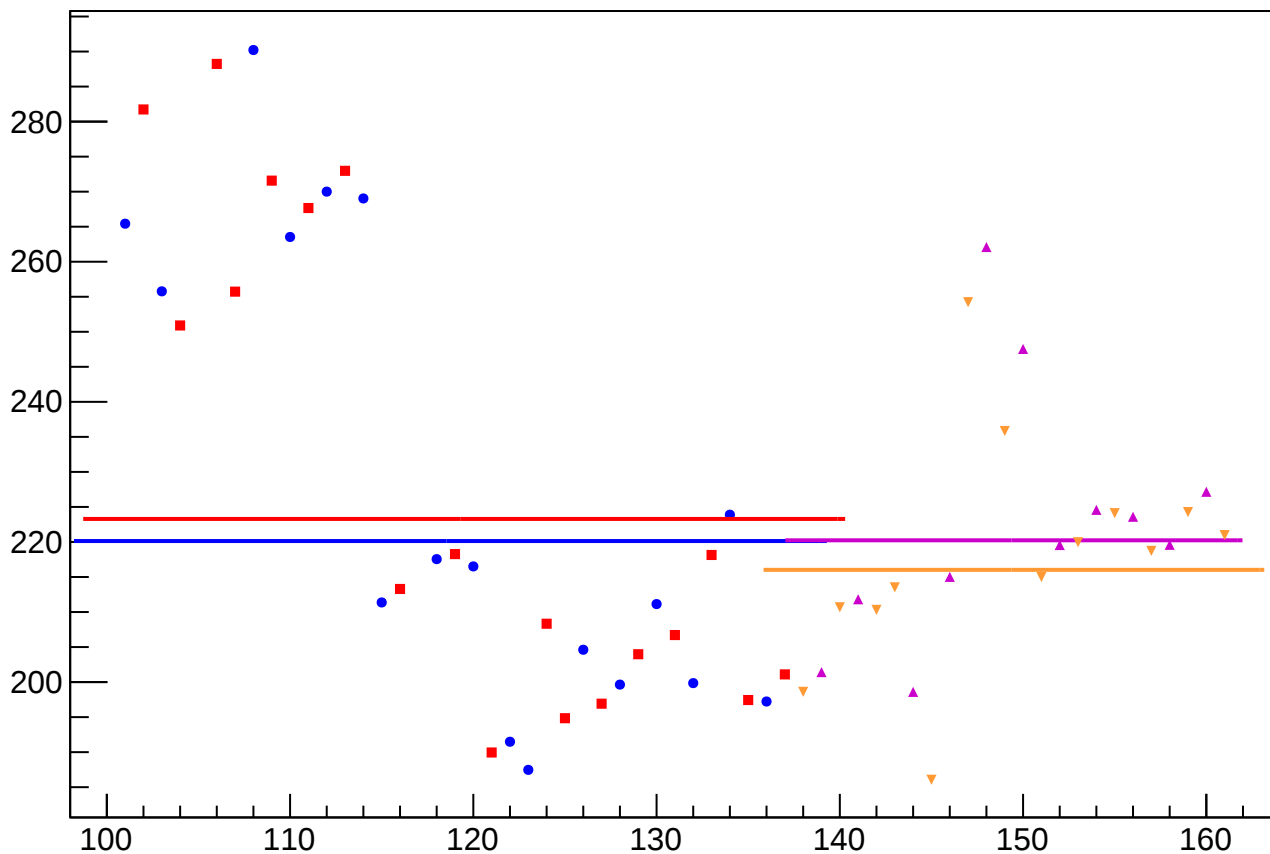
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -78.940 $\pm$ 55.720 χ^2 /NDF:34.5/27

Out: -131.452 $\pm$ 53.560 χ^2 /NDF:43.6/30

All: -106.233 $\pm$ 38.614 χ^2 /NDF: 78.5/58

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 $\chi^2/\text{NDF}: 228444.0/16$

Left Out: 216.022 ± 0.049 $\chi^2/\text{NDF}: 105581.4/12$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 220.237 ± 0.052 $\chi^2/\text{NDF}: 102712.8/10$

Left: 217.996 ± 0.036 $\chi^2/\text{NDF}: 211802.8/23$

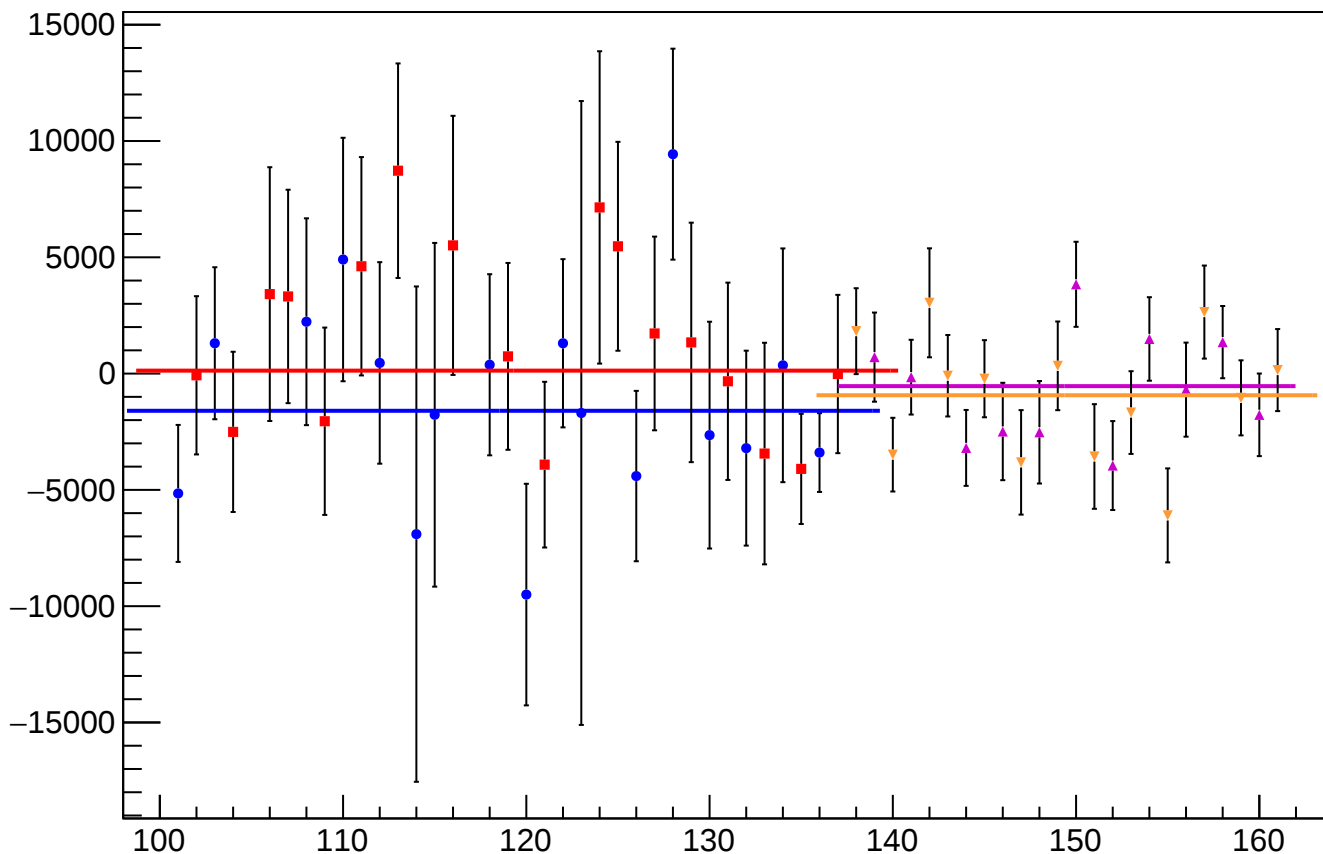
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 220.193 ± 0.039 $\chi^2/\text{NDF}: 331158.6/27$

Out: 218.894 ± 0.038 $\chi^2/\text{NDF}: 386632.9/30$

All: 219.518 ± 0.027 $\chi^2/\text{NDF}: 718356.5/58$

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: -930.773 $\pm$ 516.325 χ^2 /NDF:21.9/12

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -539.088 $\pm$ 548.104 χ^2 /NDF:17.0/10

Left: -746.614 $\pm$ 375.830 χ^2 /NDF: 39.1/23

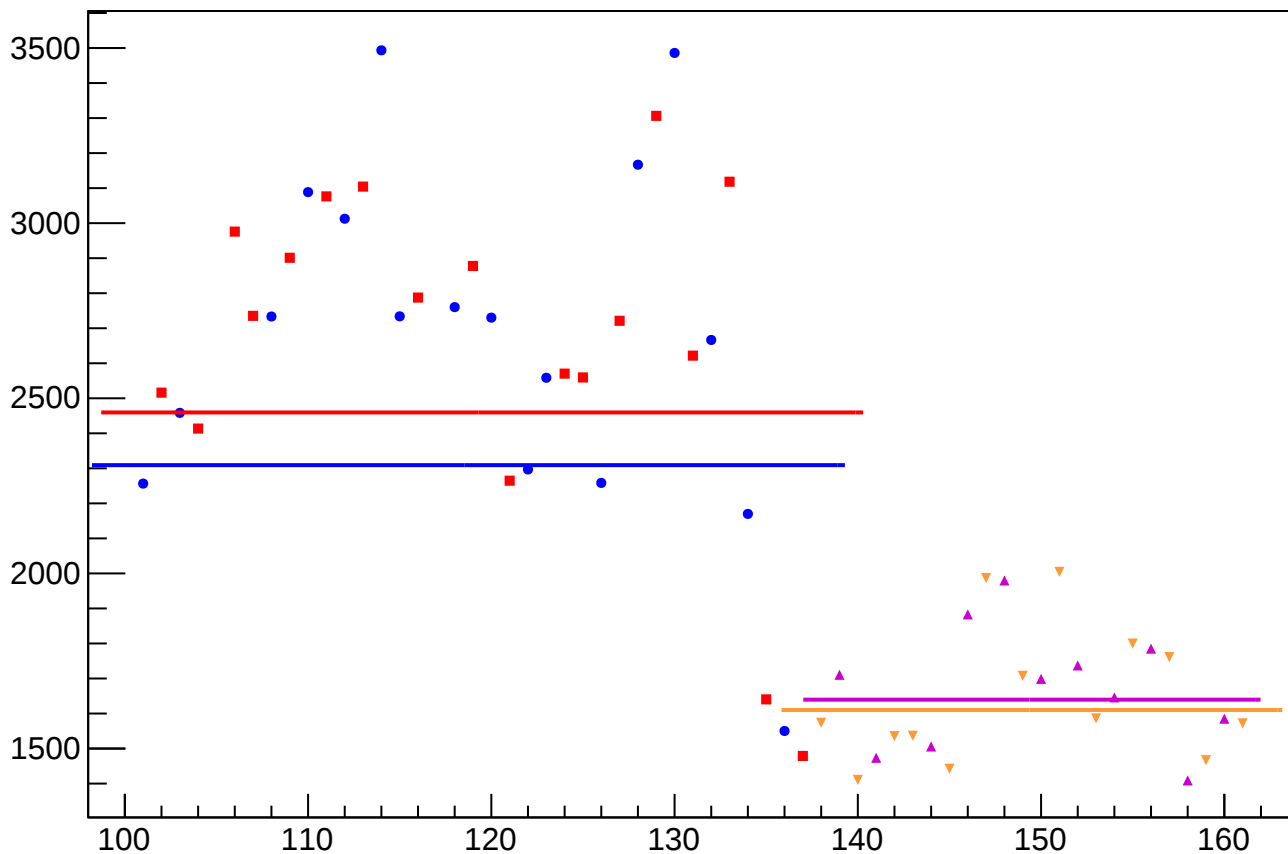
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -816.288 $\pm$ 471.012 χ^2 /NDF:34.6/27

Out: -689.036 $\pm$ 453.553 χ^2 /NDF:37.6/30

All: -750.260 $\pm$ 326.708 χ^2 /NDF: 72.3/58

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1610.037+/-0.365 χ^2/NDF : 227517.9/12

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1639.569+/-0.388 χ^2/NDF : 175990.9/10

Left: 1623.922+/-0.266 χ^2/NDF : 406584.8/23

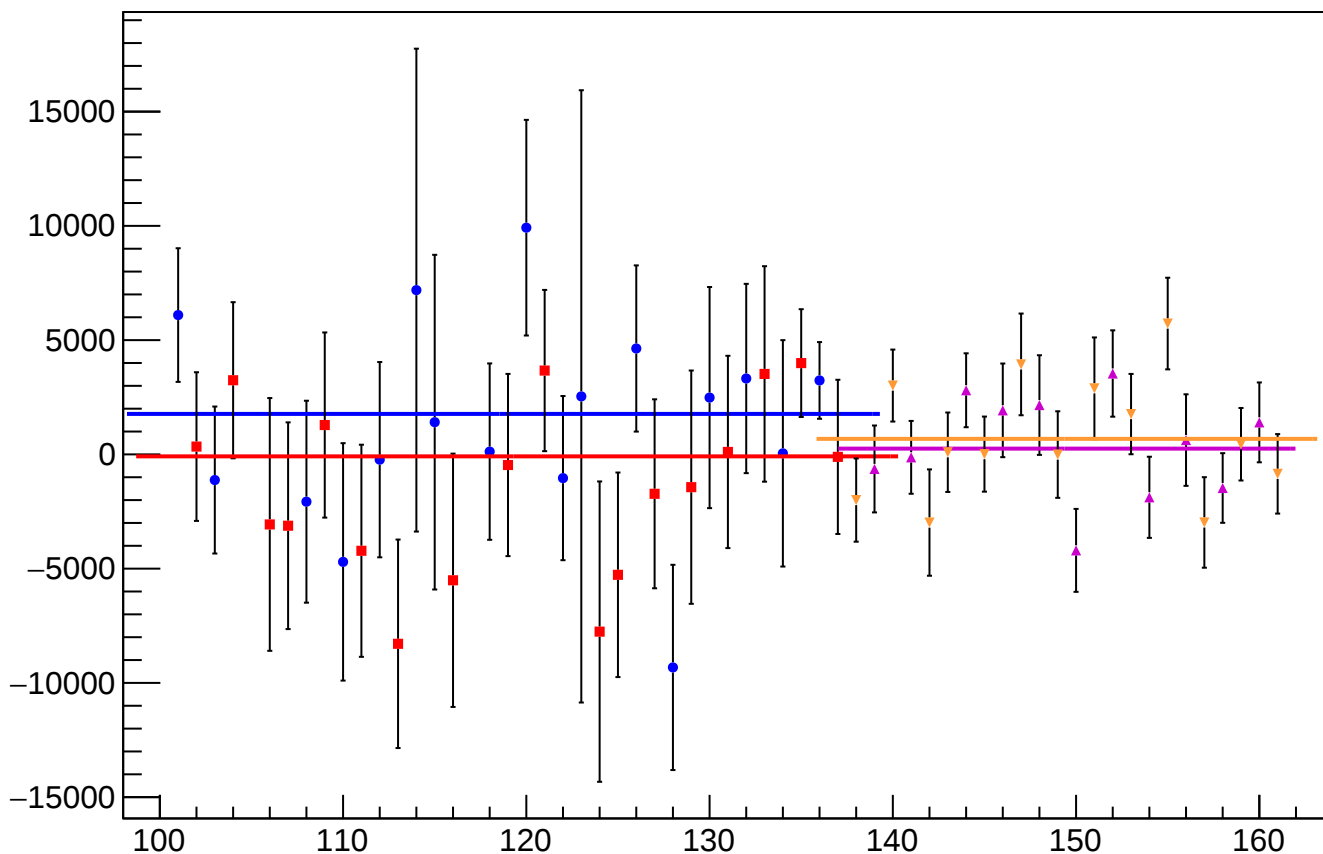
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1814.673+/-0.333 χ^2/NDF : 1757254.3/27

Out: 1804.052+/-0.321 χ^2/NDF : 2132257.0/30

All: 1809.162+/-0.231 χ^2/NDF : 3890039.0/58

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 679.740+/-511.076 χ^2/NDF : 21.3/12

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 252.523+/-541.530 χ^2/NDF : 16.4/10

Left: 478.482+/-371.686 χ^2/NDF : 38.1/23

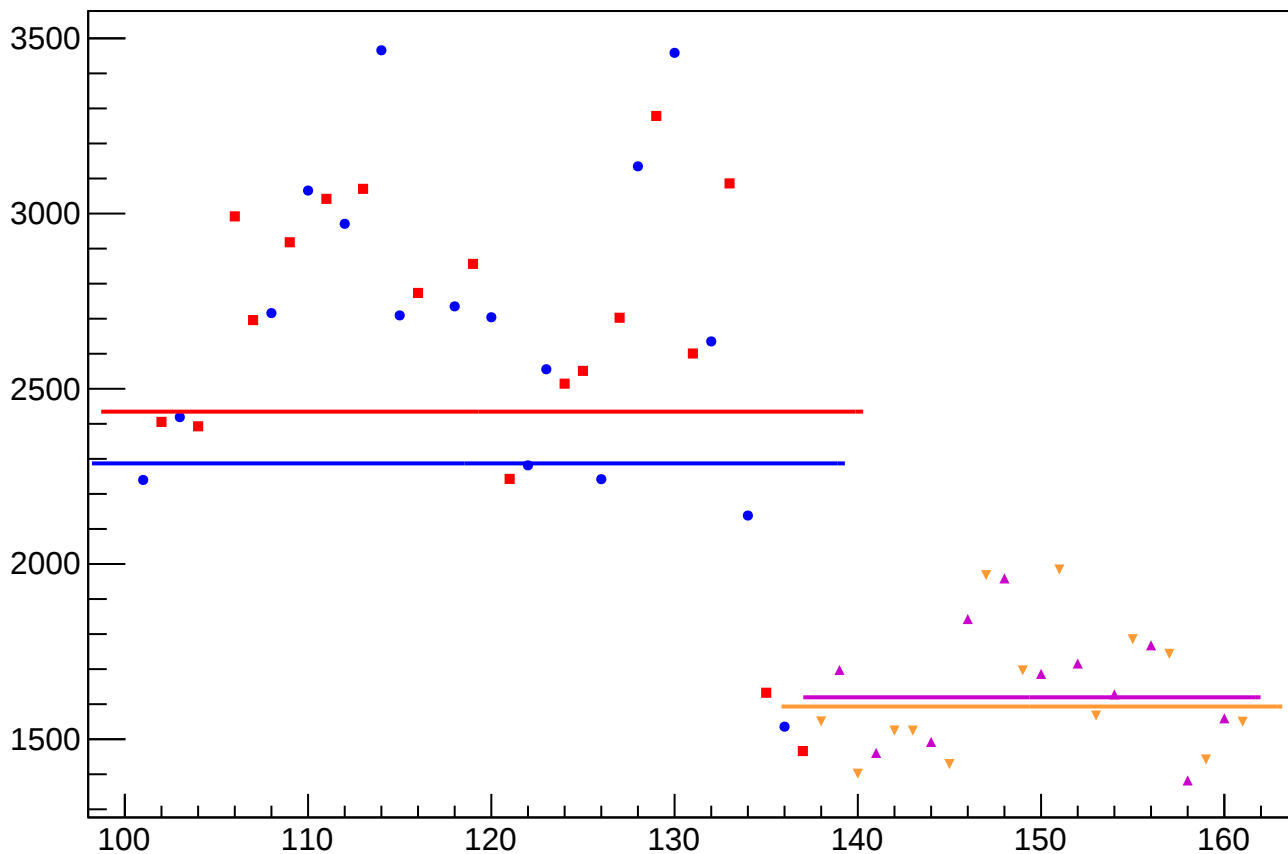
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 648.209+/-465.674 χ^2/NDF : 35.8/27

Out: 504.967+/-448.987 χ^2/NDF : 36.3/30

All: 573.976+/-323.220 χ^2/NDF : 72.1/58

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1593.306+/-0.361 χ^2/NDF : 229601.2/12

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1619.655+/-0.383 χ^2/NDF : 177583.6/10

Left: 1605.719+/-0.263 χ^2/NDF : 409689.3/23

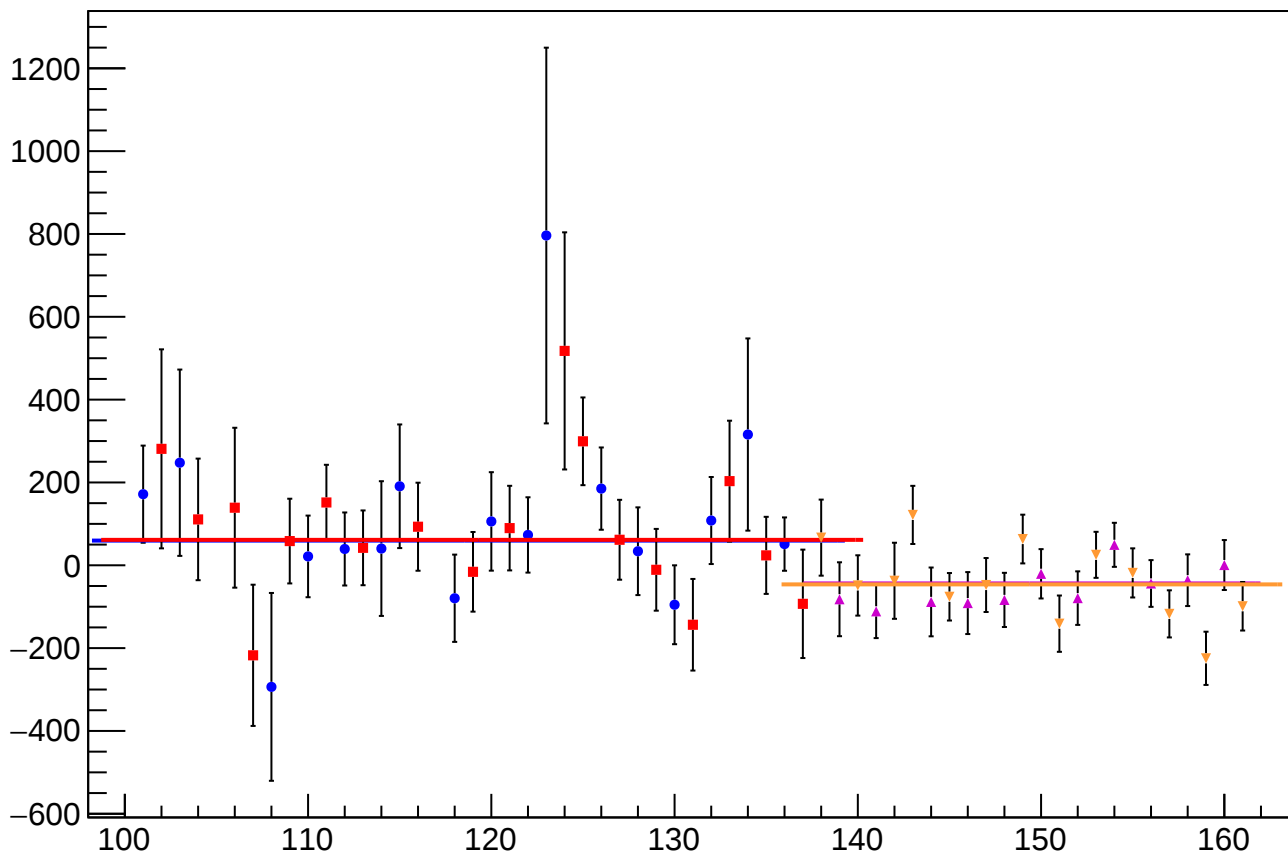
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1793.547+/-0.329 χ^2/NDF : 1768535.6/27

Out: 1785.346+/-0.317 χ^2/NDF : 2133893.6/30

All: 1789.297+/-0.229 χ^2/NDF : 3902750.7/58

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -46.118 $\pm$ 17.892 χ^2 /NDF:24.9/12

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -43.790 $\pm$ 19.452 χ^2 /NDF:6.4/10

Left: -45.051 $\pm$ 13.169 χ^2 /NDF: 31.3/23

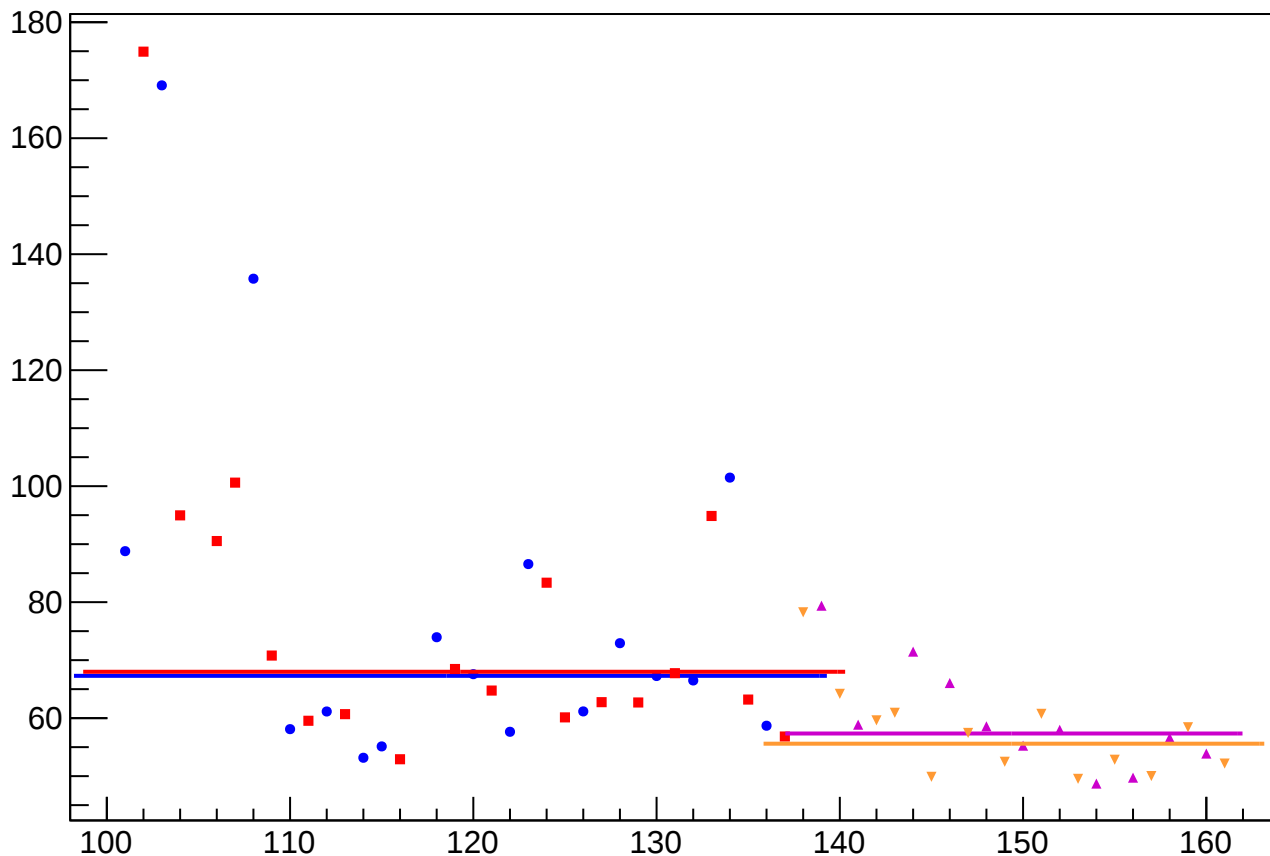
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -8.580 $\pm$ 15.799 χ^2 /NDF:31.4/27

Out: -13.329 $\pm$ 14.916 χ^2 /NDF:55.6/30

All: -11.091 $\pm$ 10.846 χ^2 /NDF: 87.0/58

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 55.594+/-0.013 χ^2/NDF : 261638.1/12

Right Out: 67.998+/-0.019 χ^2/NDF : 754329.7/17

Left In: 57.352+/-0.014 χ^2/NDF : 307388.7/10

Left: 56.400+/-0.009 χ^2/NDF : 577874.2/23

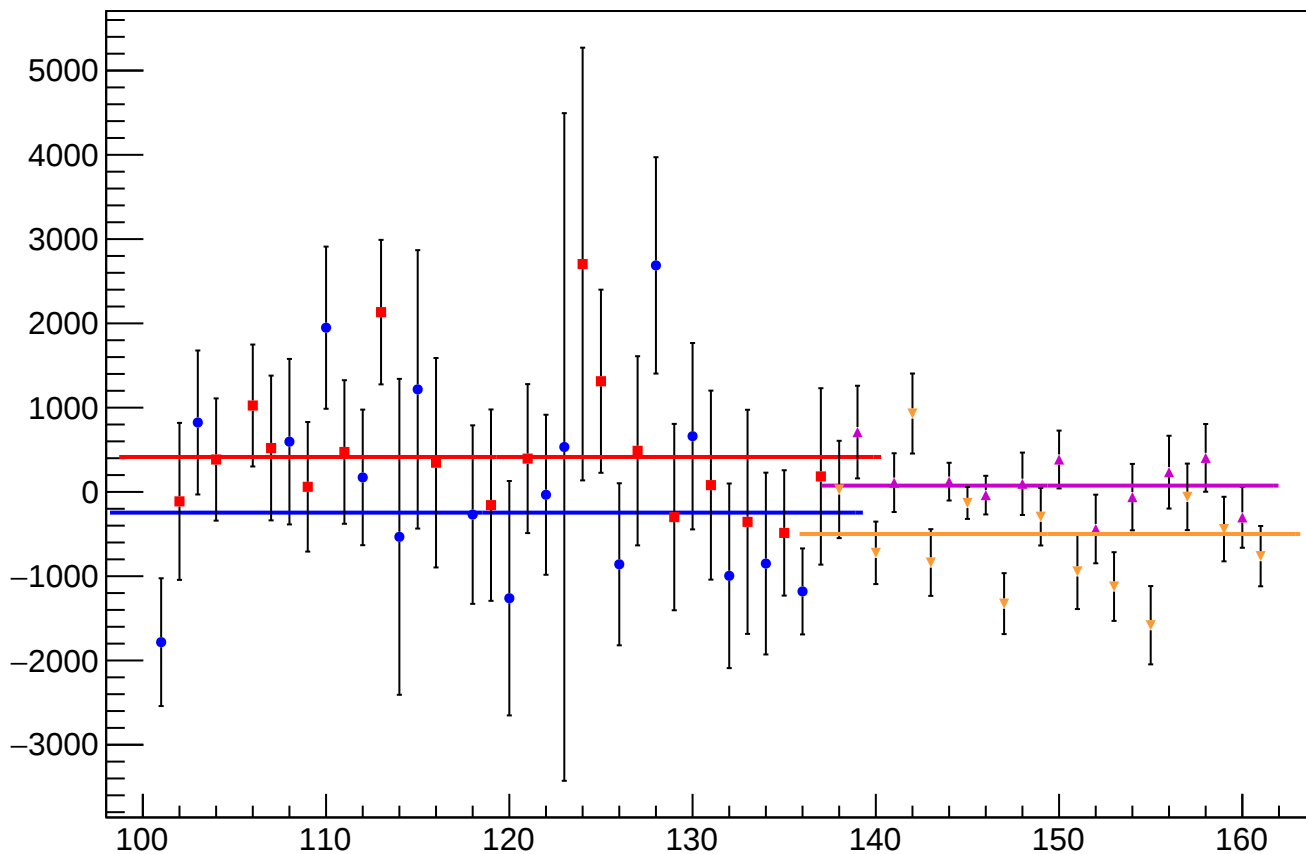
Right: 67.648+/-0.014 χ^2/NDF : 1596354.2/34

In: 60.737+/-0.011 χ^2/NDF : 1326674.2/27

Out: 59.377+/-0.011 χ^2/NDF : 1309123.0/30

All: 60.018+/-0.008 χ^2/NDF : 2643632.4/58

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: -499.104 $\pm$ 99.102 χ^2 /NDF:30.9/12

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 74.834 $\pm$ 100.999 χ^2 /NDF:6.1/10

Left: -217.575 $\pm$ 70.737 χ^2 /NDF: 53.4/23

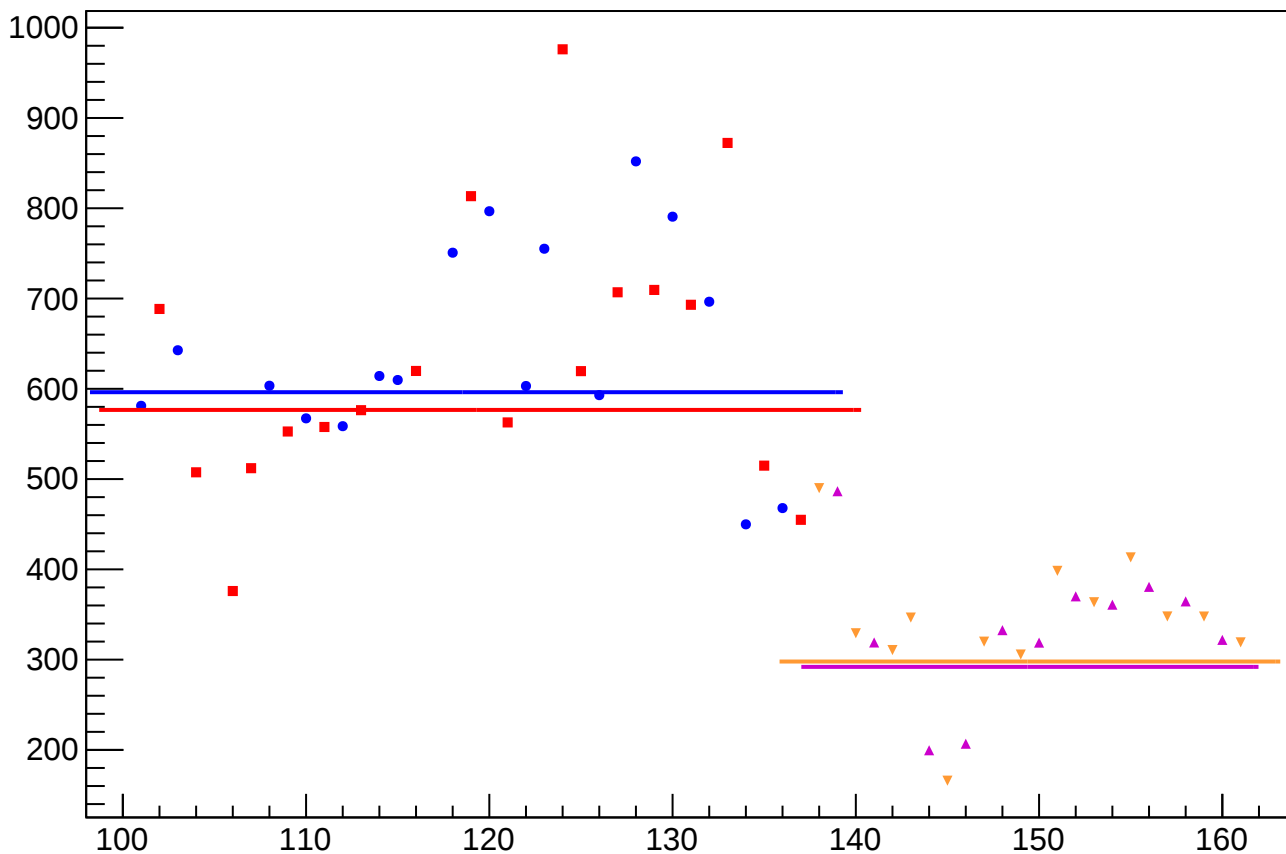
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 25.014 $\pm$ 92.817 χ^2 /NDF:31.4/27

Out: -348.154 $\pm$ 90.548 χ^2 /NDF:54.4/30

All: -166.187 $\pm$ 64.814 χ^2 /NDF: 94.0/58

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: 297.904 $\pm$ 0.070 χ^2 /NDF:1592510.7/12

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 291.981 $\pm$ 0.071 χ^2 /NDF:1213265.2/10

Left: 294.999 $\pm$ 0.050 χ^2 /NDF: 2809279.3/23

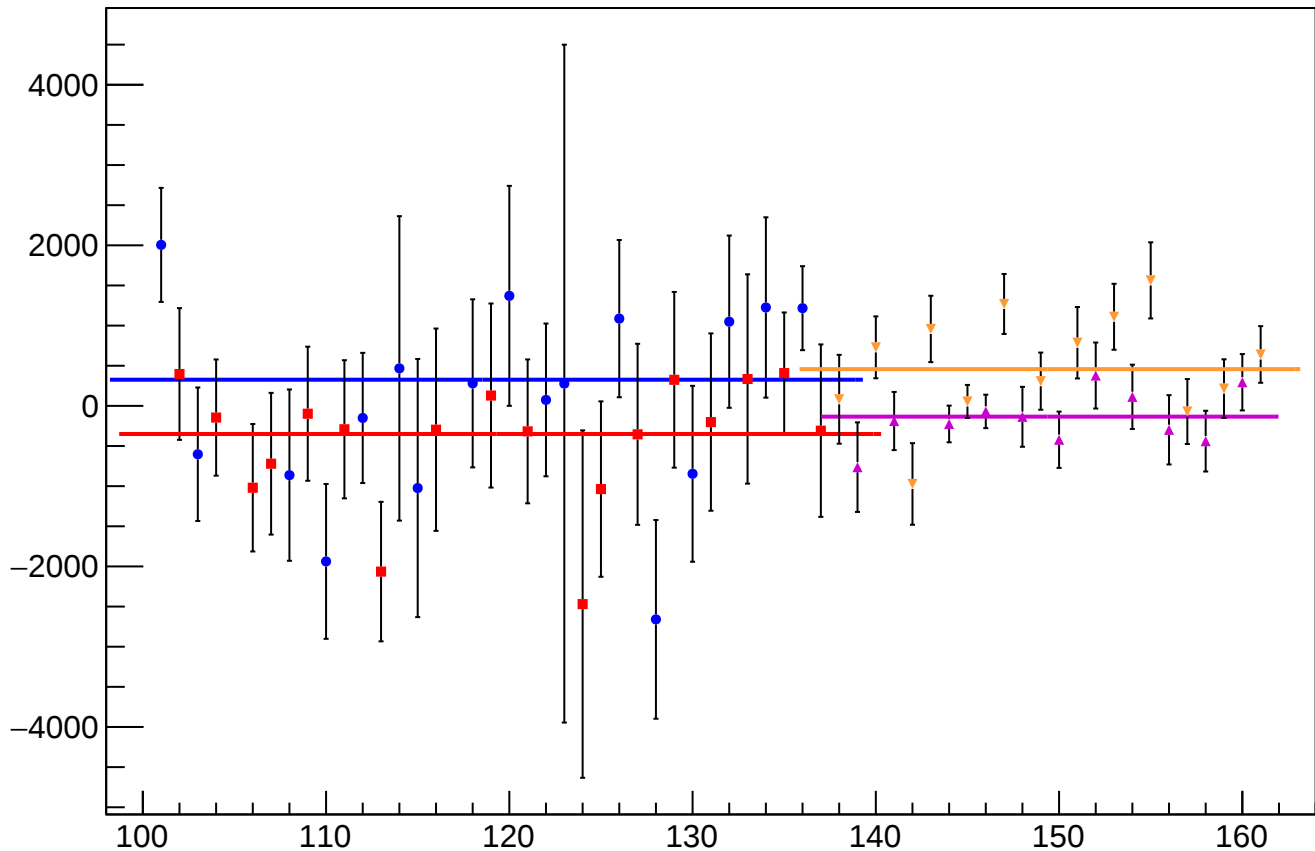
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 339.283 $\pm$ 0.066 χ^2 /NDF:4457201.2/27

Out: 343.942 $\pm$ 0.064 χ^2 /NDF:4779192.5/30

All: 341.670 $\pm$ 0.046 χ^2 /NDF: 9238976.3/58

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 457.586 $\pm$ 102.338 χ^2 /NDF:30.0/12

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -134.079 $\pm$ 99.511 χ^2 /NDF:6.4/10

Left: 153.468 $\pm$ 71.343 χ^2 /NDF: 53.6/23

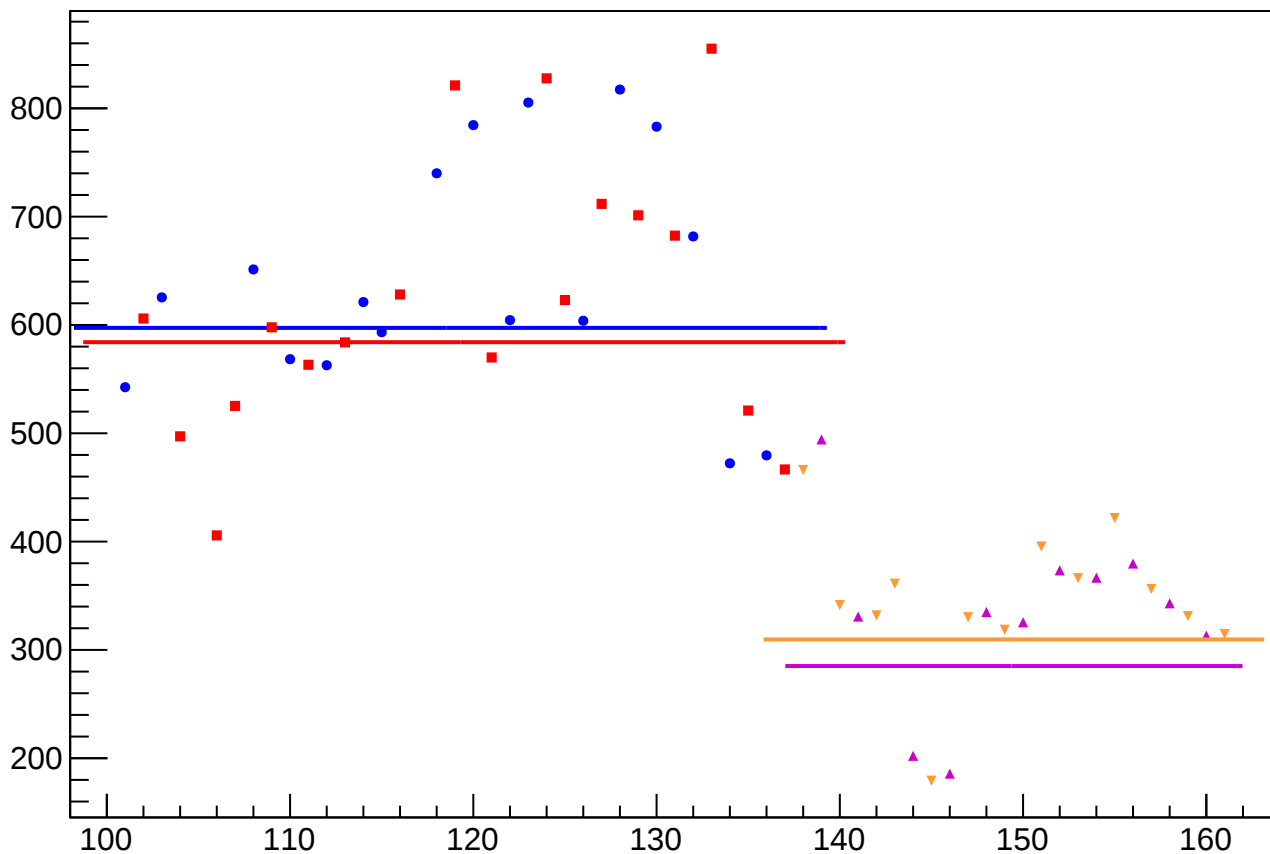
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -64.415 $\pm$ 91.670 χ^2 /NDF:36.5/27

Out: 319.346 $\pm$ 93.173 χ^2 /NDF:49.7/30

All: 124.344 $\pm$ 65.345 χ^2 /NDF: 94.8/58

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 ± 0.167 $\chi^2/\text{NDF}: 363658.5/16$

Left Out: 309.680 ± 0.072 $\chi^2/\text{NDF}: 1276924.3/12$

Right Out: 584.112 ± 0.159 $\chi^2/\text{NDF}: 446882.7/17$

Left In: 285.110 ± 0.070 $\chi^2/\text{NDF}: 1424801.4/10$

Left: 297.051 ± 0.050 $\chi^2/\text{NDF}: 2760982.5/23$

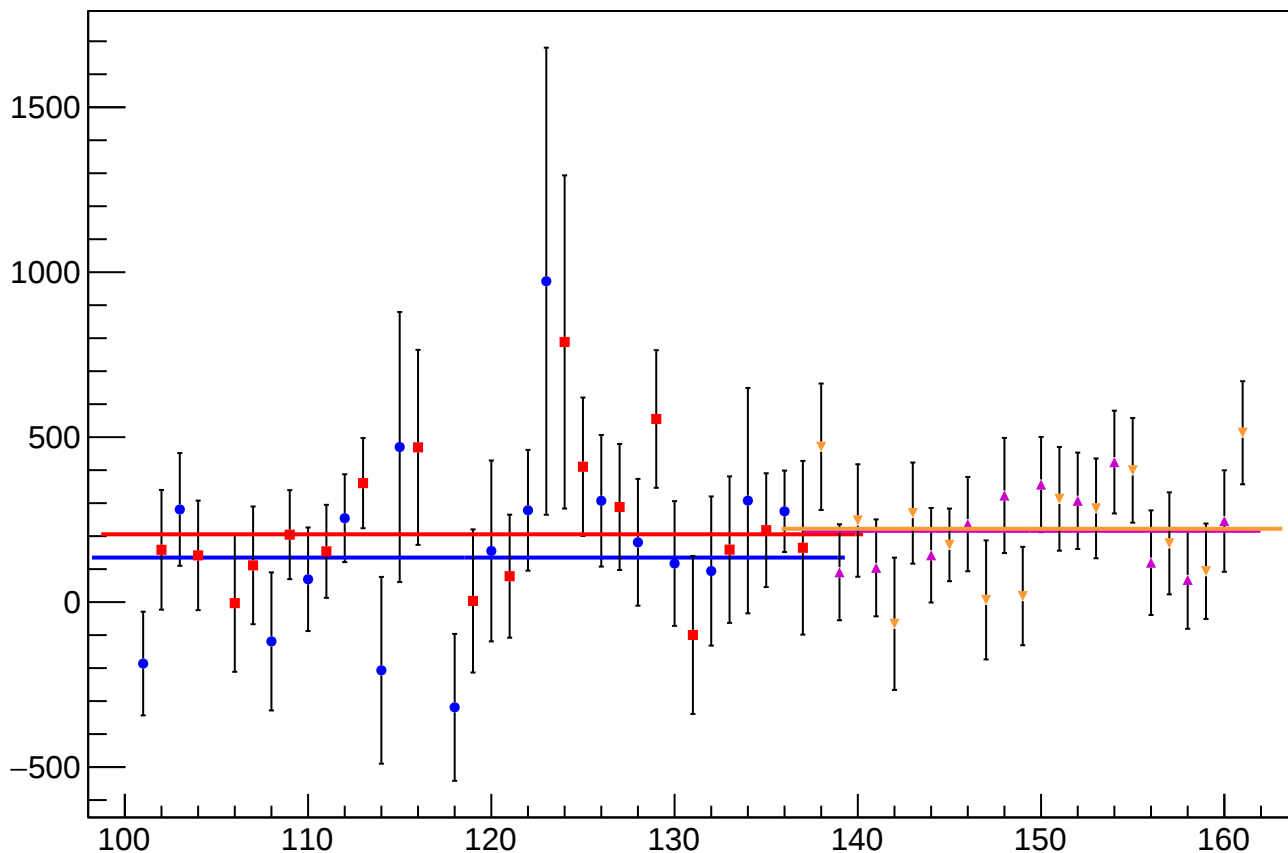
Right: 590.409 ± 0.115 $\chi^2/\text{NDF}: 813814.1/34$

In: 332.373 ± 0.065 $\chi^2/\text{NDF}: 4768493.9/27$

Out: 356.634 ± 0.066 $\chi^2/\text{NDF}: 4184501.9/30$

All: 344.306 ± 0.046 $\chi^2/\text{NDF}: 9021900.9/58$

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: 222.344 $\pm$ 42.955 χ^2 /NDF:13.5/12

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 216.070 $\pm$ 45.272 χ^2 /NDF:6.5/10

Left: 219.372 $\pm$ 31.161 χ^2 /NDF: 20.0/23

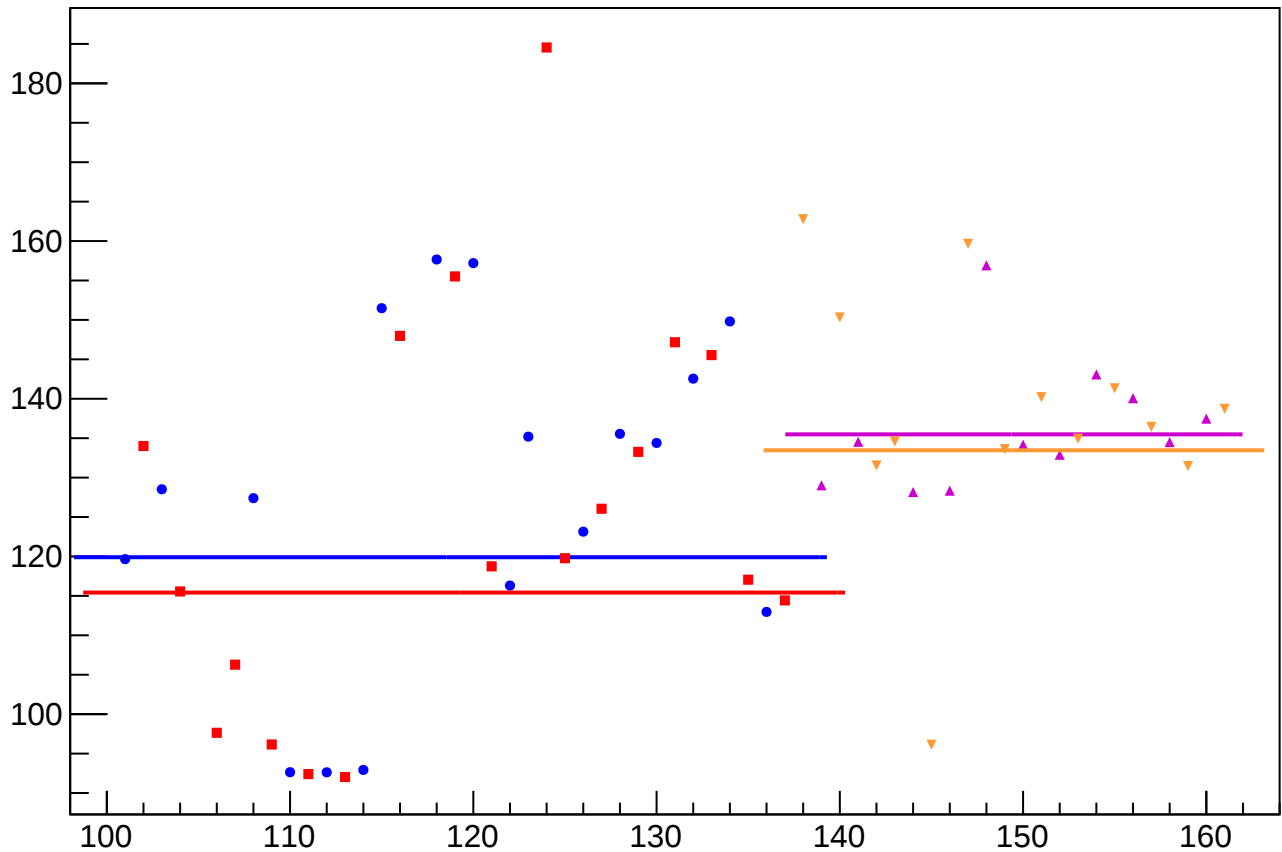
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 177.088 $\pm$ 32.614 χ^2 /NDF:26.1/27

Out: 214.270 $\pm$ 30.917 χ^2 /NDF:25.5/30

All: 196.671 $\pm$ 22.438 χ^2 /NDF: 52.4/58

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 133.466 $\pm$ 0.030 χ^2 /NDF: 351022.3/12

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 135.485 $\pm$ 0.032 χ^2 /NDF: 52057.8/10

Left: 134.423 $\pm$ 0.022 χ^2 /NDF: 405174.7/23

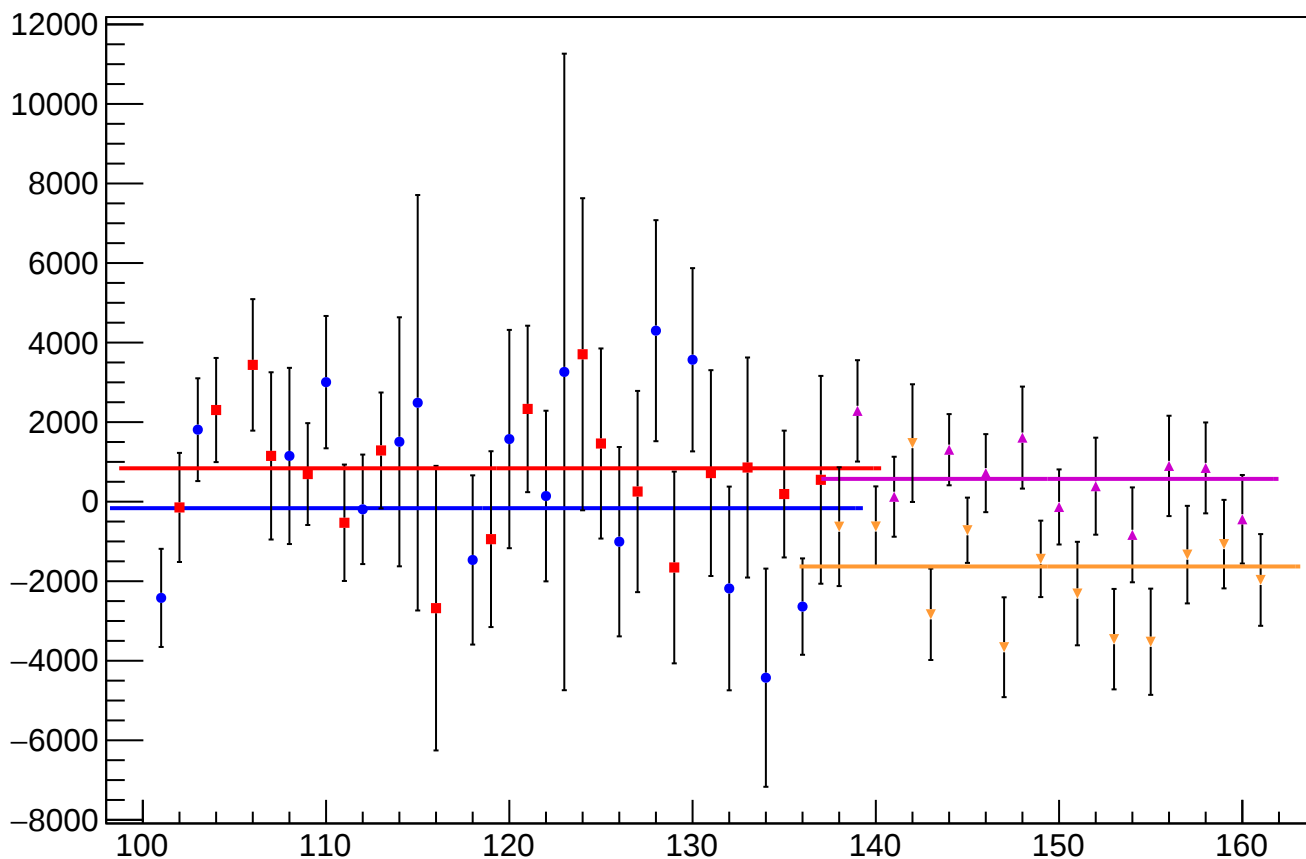
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 127.990 $\pm$ 0.023 χ^2 /NDF: 511536.6/27

Out: 124.770 $\pm$ 0.022 χ^2 /NDF: 939199.5/30

All: 126.294 $\pm$ 0.016 χ^2 /NDF: 1461007.0/58

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: -1629.540 $\pm$ 318.601 χ^2 /NDF:15.6/12

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 572.668 $\pm$ 329.731 χ^2 /NDF:6.3/10

Left: -566.229 $\pm$ 229.119 χ^2 /NDF: 44.9/23

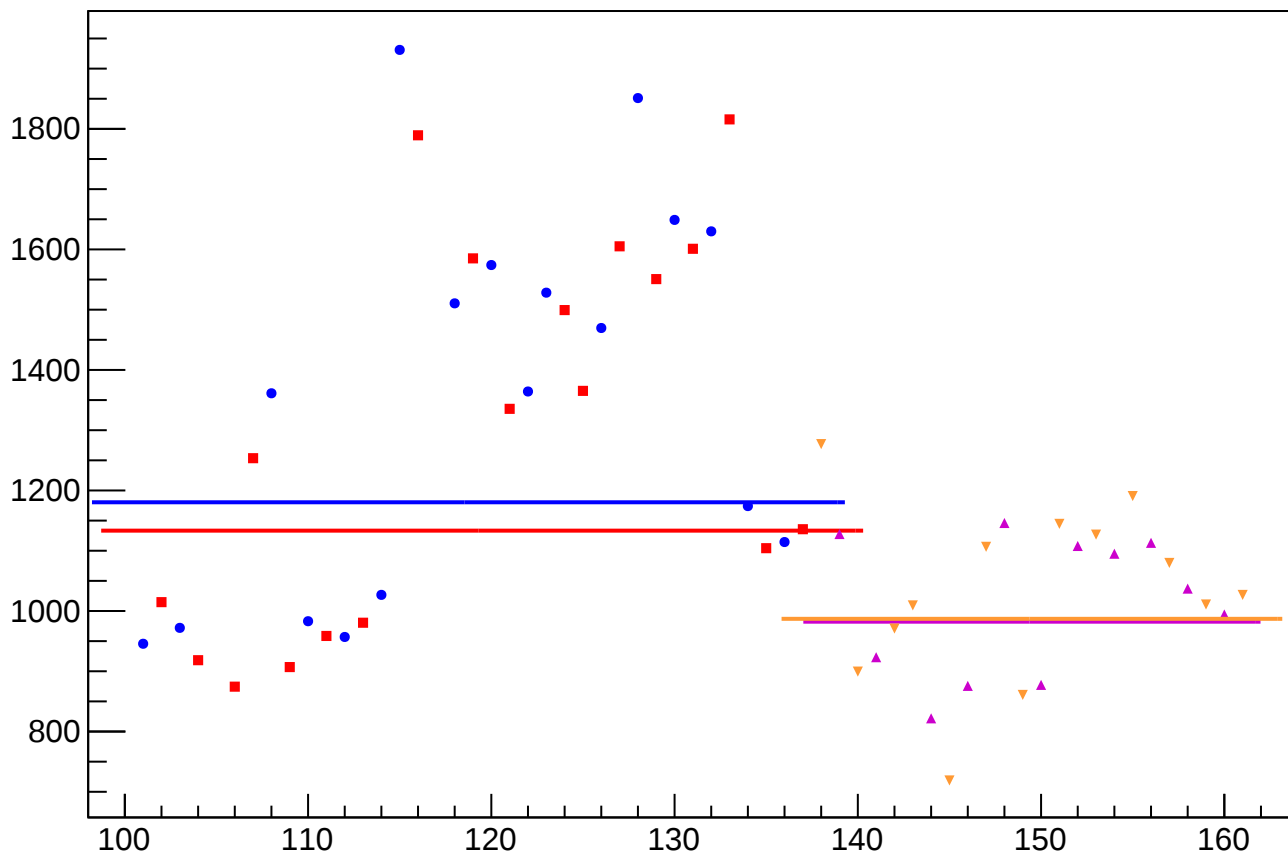
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 329.555 $\pm$ 269.851 χ^2 /NDF:31.6/27

Out: -781.584 $\pm$ 258.150 χ^2 /NDF:45.5/30

All: -250.627 $\pm$ 186.539 χ^2 /NDF: 86.0/58

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 987.018+/-0.225 χ^2/NDF : 472818.8/12

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 982.272+/-0.233 χ^2/NDF : 243431.8/10

Left: 984.726+/-0.162 χ^2/NDF : 716464.9/23

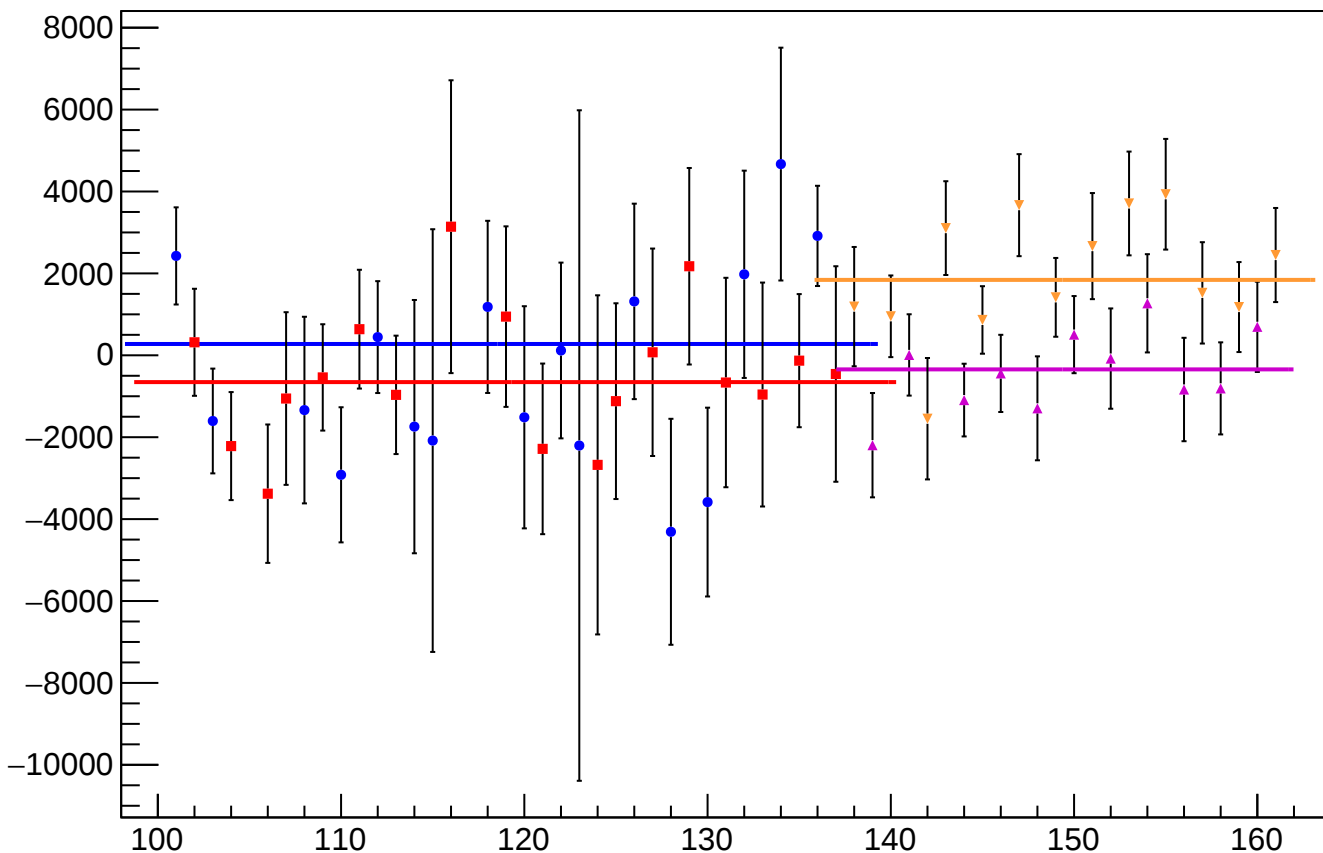
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1047.699+/-0.191 χ^2/NDF : 1150742.4/27

Out: 1037.279+/-0.183 χ^2/NDF : 1378123.1/30

All: 1042.258+/-0.132 χ^2/NDF : 2530422.8/58

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1841.408 $\pm$ 317.883 χ^2 /NDF:16.9/12

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -344.005 $\pm$ 326.575 χ^2 /NDF:7.4/10

Left: 778.169 $\pm$ 227.788 χ^2 /NDF: 47.3/23

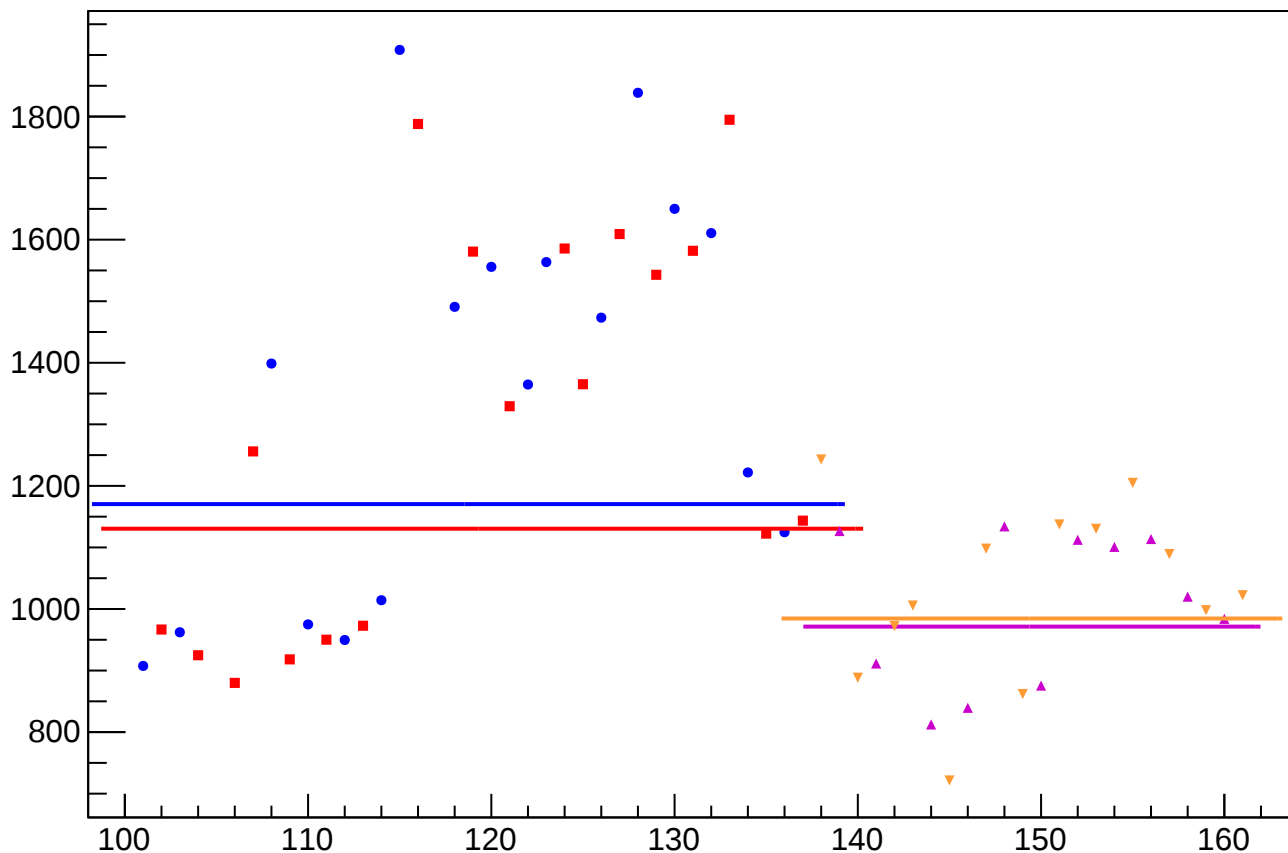
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -139.907 $\pm$ 267.520 χ^2 /NDF:32.9/27

Out: 985.020 $\pm$ 257.637 χ^2 /NDF:47.6/30

All: 443.719 $\pm$ 185.572 χ^2 /NDF: 89.7/58

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 984.526 $\pm$ 0.225 χ^2 /NDF: 459389.1/12

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 971.379 $\pm$ 0.231 χ^2 /NDF: 273153.8/10

Left: 978.130 $\pm$ 0.161 χ^2 /NDF: 734207.2/23

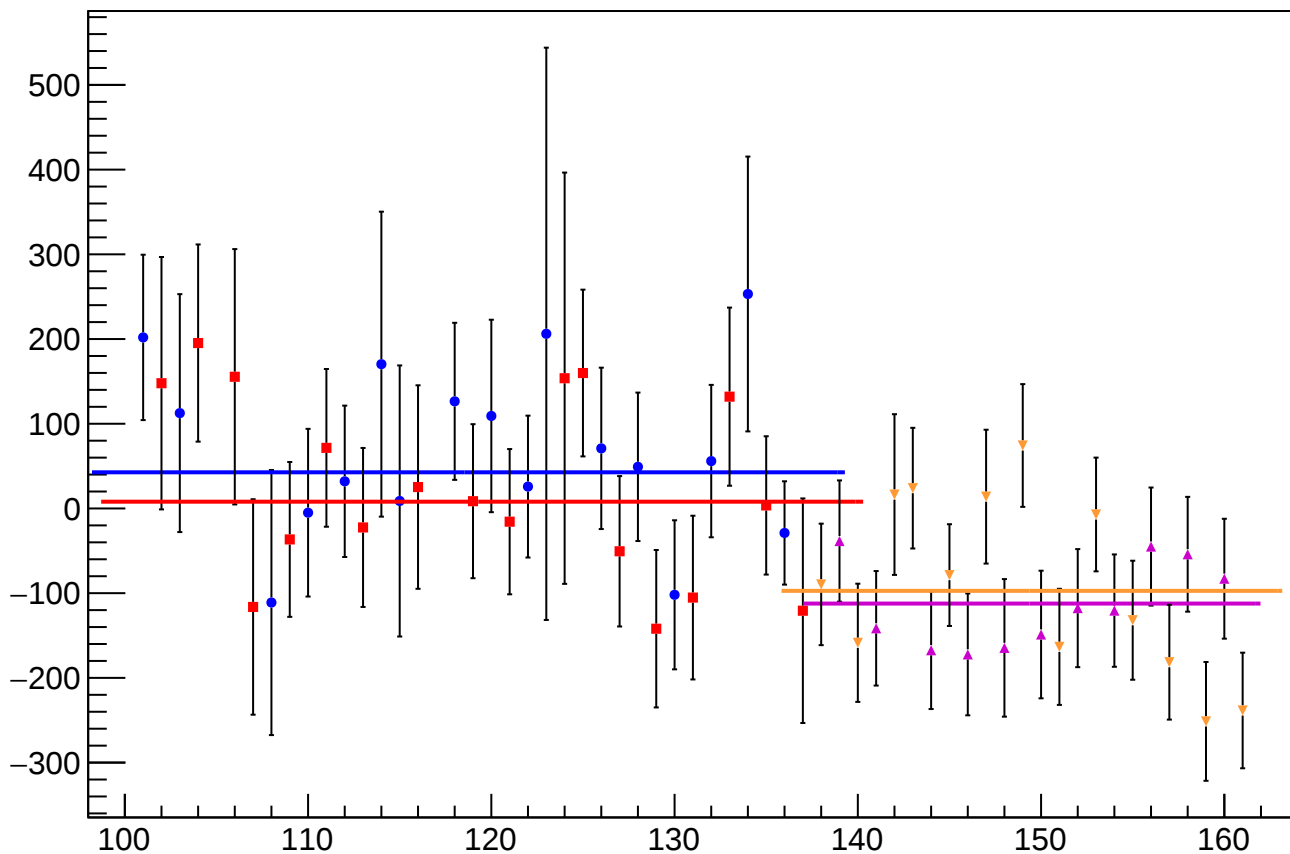
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1036.851 $\pm$ 0.189 χ^2 /NDF: 1222999.4/27

Out: 1034.599 $\pm$ 0.182 χ^2 /NDF: 1367040.7/30

All: 1035.683 $\pm$ 0.131 χ^2 /NDF: 2590113.6/58

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: -97.260 ± 19.576 $\chi^2/\text{NDF}: 26.4/12$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -112.274 ± 21.323 $\chi^2/\text{NDF}: 5.1/10$

Left: -104.127 ± 14.420 $\chi^2/\text{NDF}: 31.8/23$

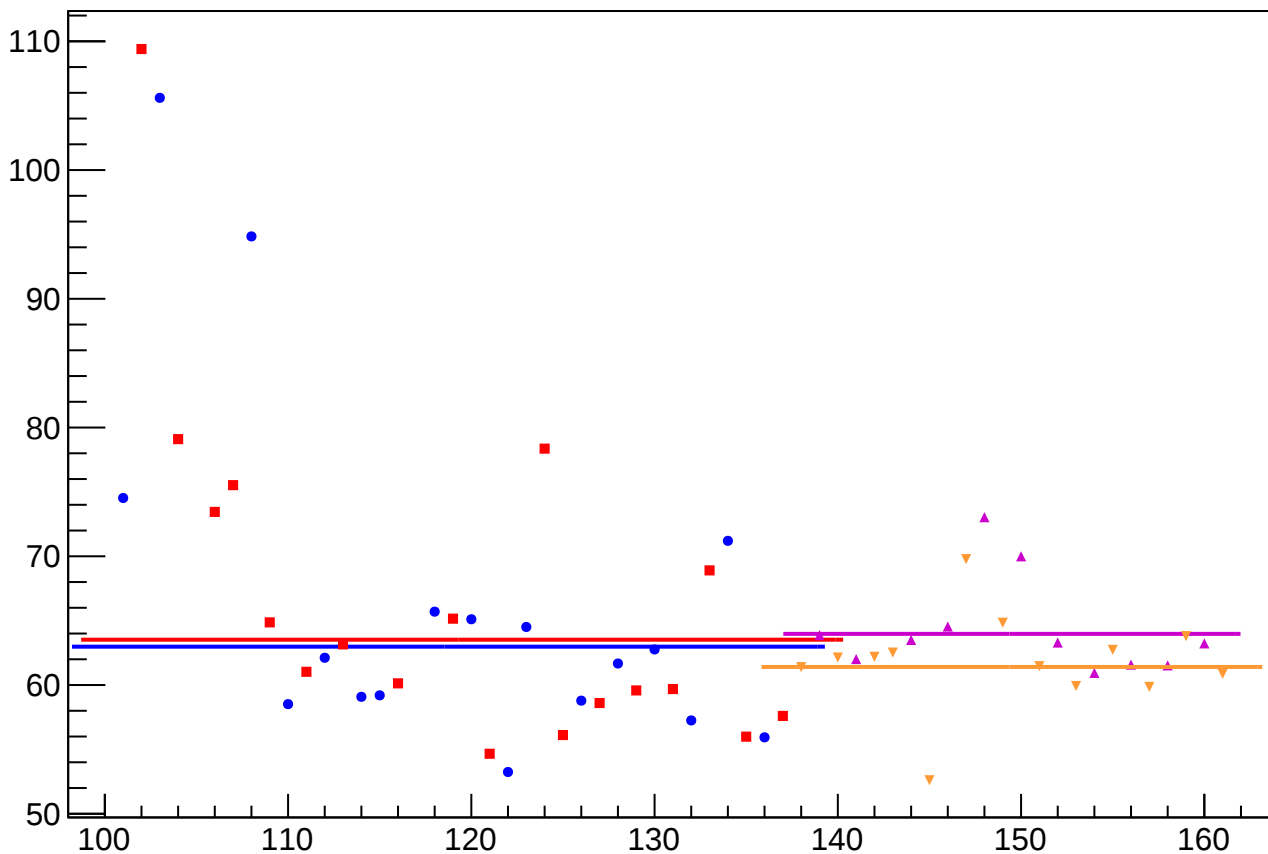
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -46.112 ± 16.141 $\chi^2/\text{NDF}: 39.6/27$

Out: -56.230 ± 15.292 $\chi^2/\text{NDF}: 53.5/30$

All: -51.444 ± 11.101 $\chi^2/\text{NDF}: 93.3/58$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 61.405 ± 0.014 $\chi^2/\text{NDF}: 75971.5/12$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 63.974 ± 0.015 $\chi^2/\text{NDF}: 49143.3/10$

Left: 62.580 ± 0.010 $\chi^2/\text{NDF}: 140869.8/23$

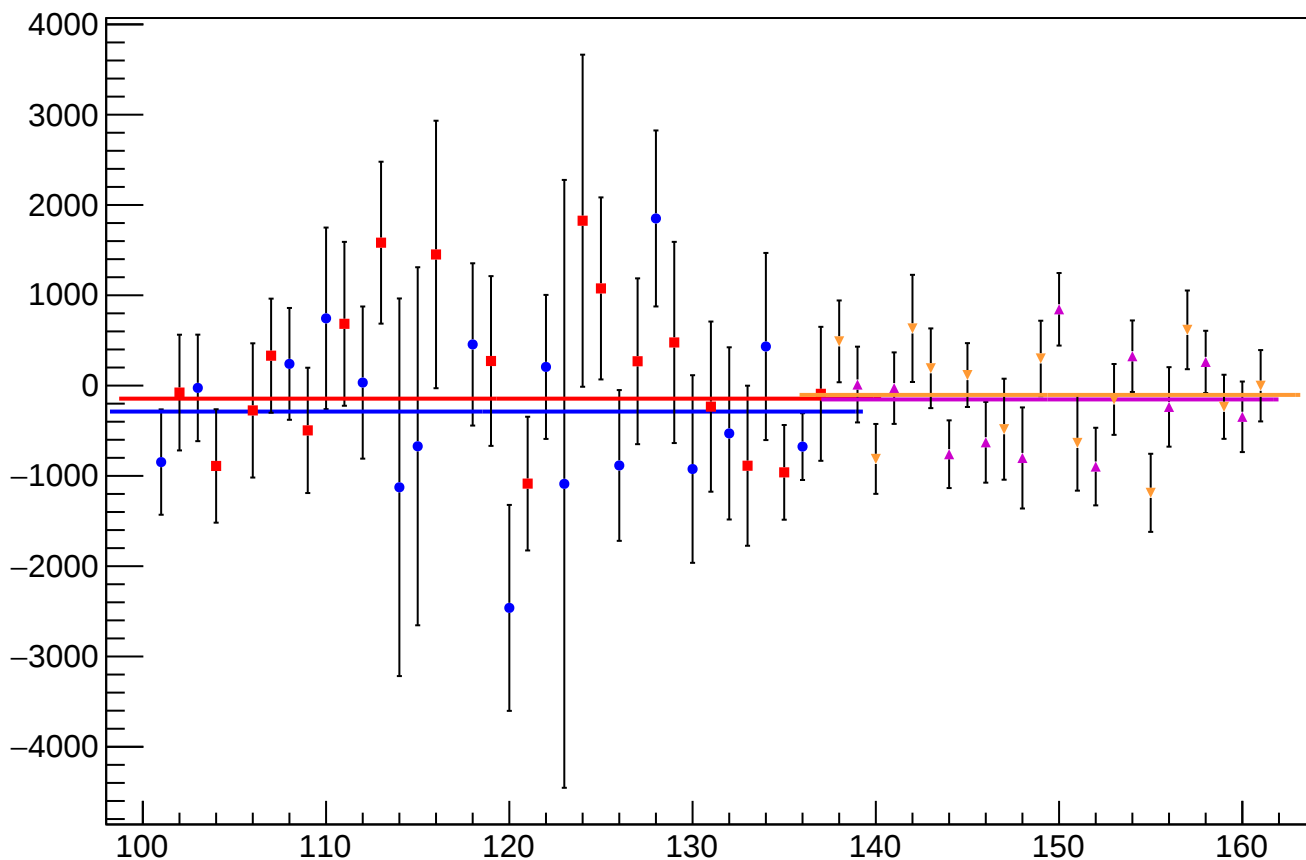
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 63.550 ± 0.011 $\chi^2/\text{NDF}: 426261.3/27$

Out: 62.230 ± 0.011 $\chi^2/\text{NDF}: 420524.5/30$

All: 62.854 ± 0.008 $\chi^2/\text{NDF}: 853828.4/58$

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -103.235+/-118.261 χ^2/NDF : 19.1/12

Right Out: -144.624+/-187.777 χ^2/NDF : 16.1/17

Left In: -153.383+/-123.580 χ^2/NDF : 17.7/10

Left: -127.207+/-85.442 χ^2/NDF : 36.9/23

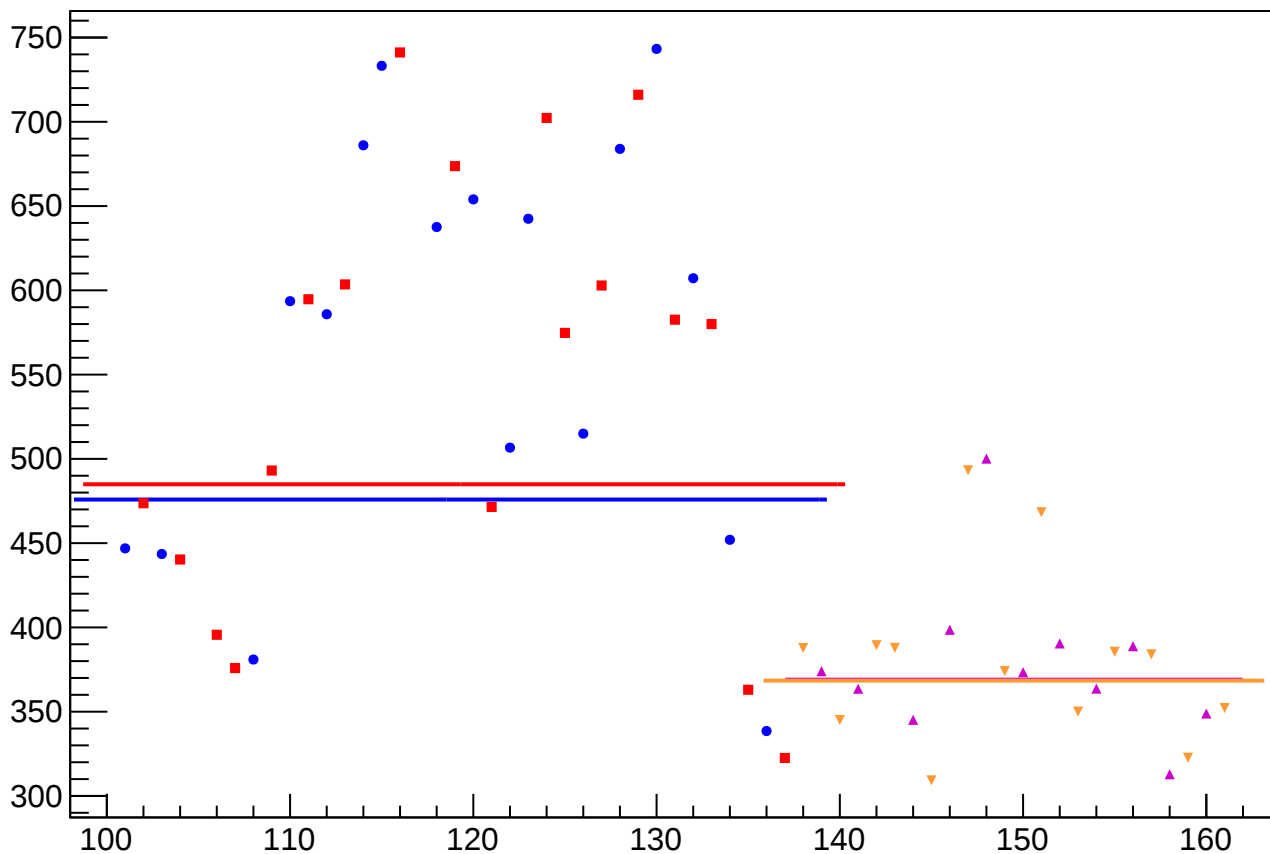
Right: -215.353+/-133.518 χ^2/NDF : 31.7/34

In: -193.341+/-103.577 χ^2/NDF : 33.4/27

Out: -114.989+/-100.069 χ^2/NDF : 35.2/30

All: -152.816+/-71.968 χ^2/NDF : 68.9/58

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: 368.416+/-0.084 χ^2/NDF :291568.6/12

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 368.992+/-0.087 χ^2/NDF :195304.7/10

Left: 368.691+/-0.060 χ^2/NDF : 486896.0/23

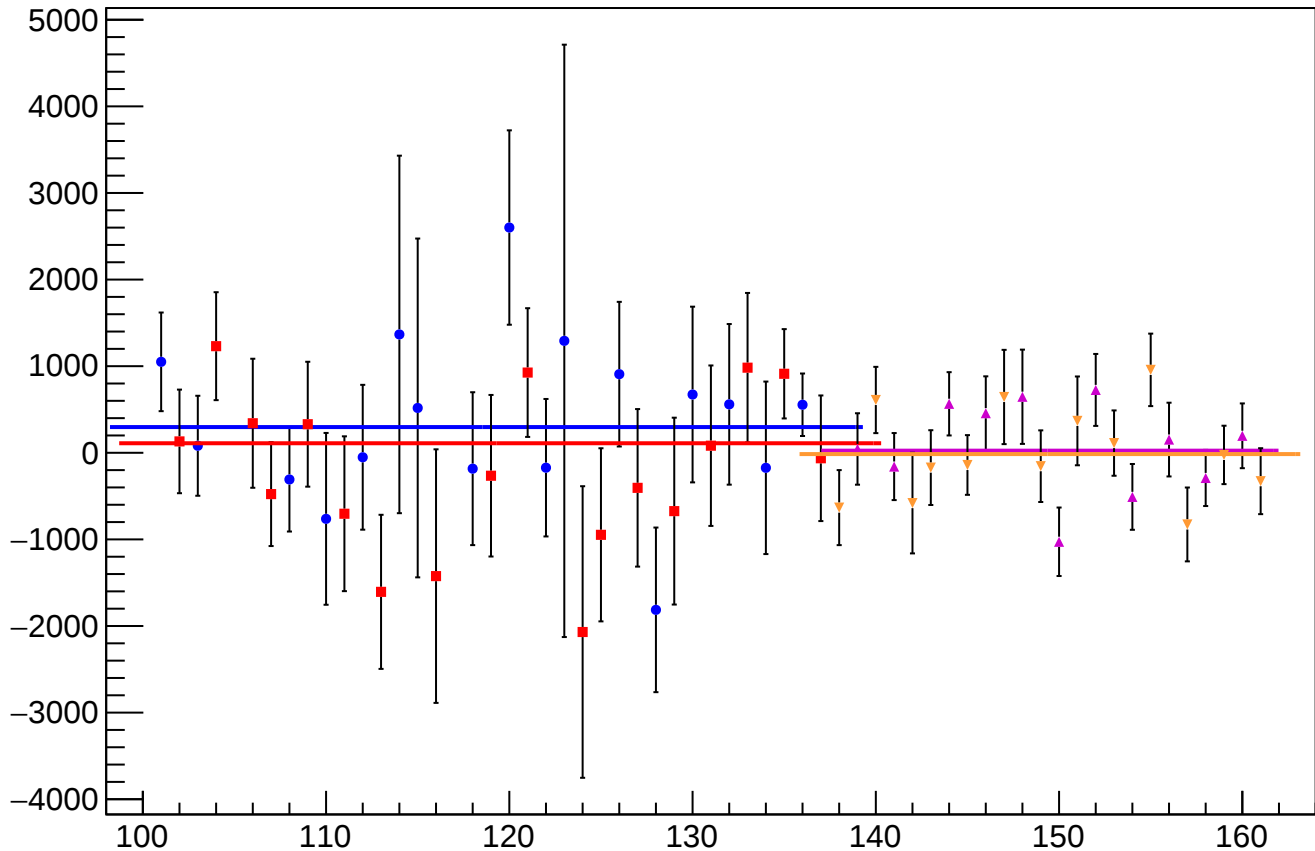
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 400.792+/-0.073 χ^2/NDF :1478202.1/27

Out: 401.501+/-0.071 χ^2/NDF :1559069.6/30

All: 401.158+/-0.051 χ^2/NDF : 3037320.2/58

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -14.901 $\pm$ 114.807 χ^2 /NDF:17.9/12

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 24.570 $\pm$ 119.306 χ^2 /NDF:17.9/10

Left: 4.076 $\pm$ 82.726 χ^2 /NDF: 35.8/23

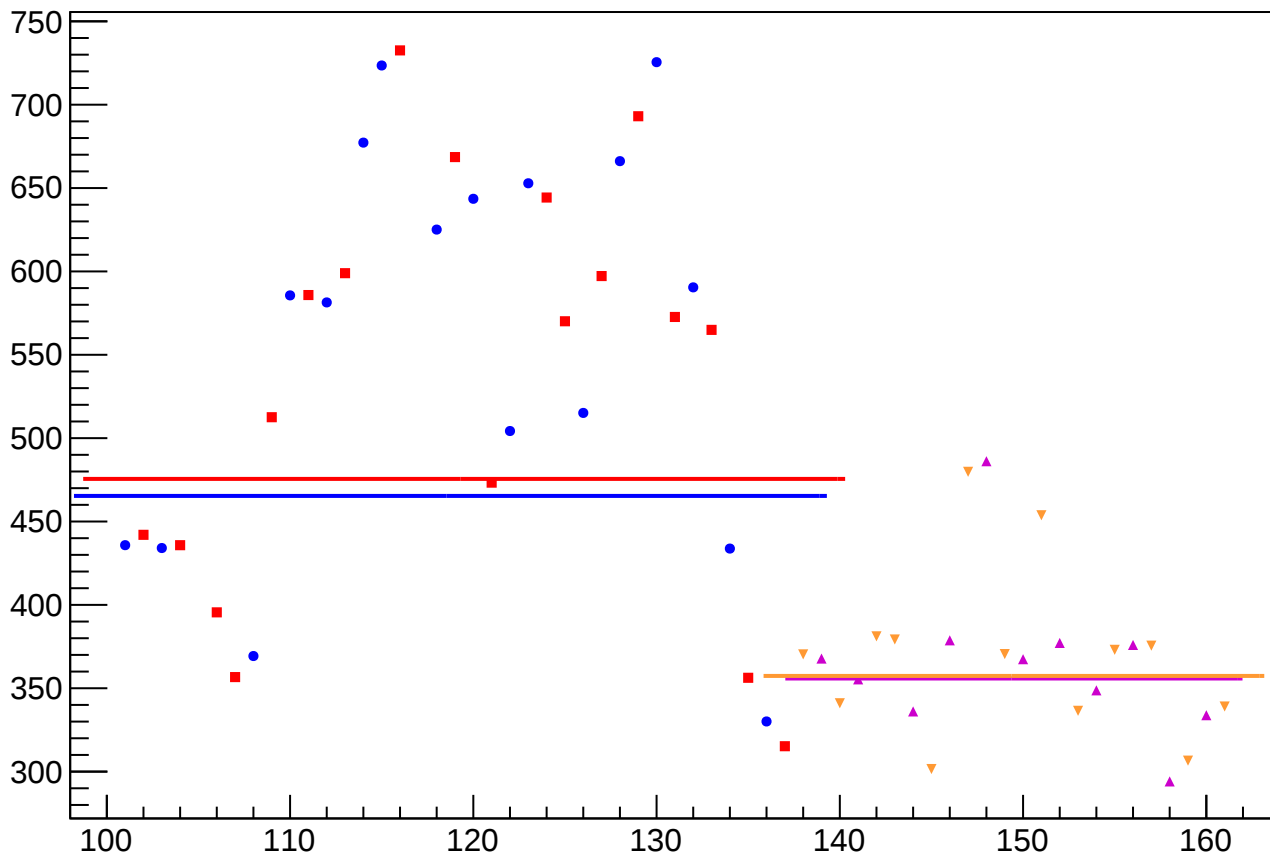
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 103.994 $\pm$ 100.419 χ^2 /NDF:35.3/27

Out: 20.029 $\pm$ 97.461 χ^2 /NDF:36.7/30

All: 60.756 $\pm$ 69.938 χ^2 /NDF: 72.4/58

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: 357.390 $\pm$ 0.081 χ^2/NDF :302904.8/12

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 355.841 $\pm$ 0.084 χ^2/NDF :219651.0/10

Left: 356.645 $\pm$ 0.058 χ^2/NDF : 522730.8/23

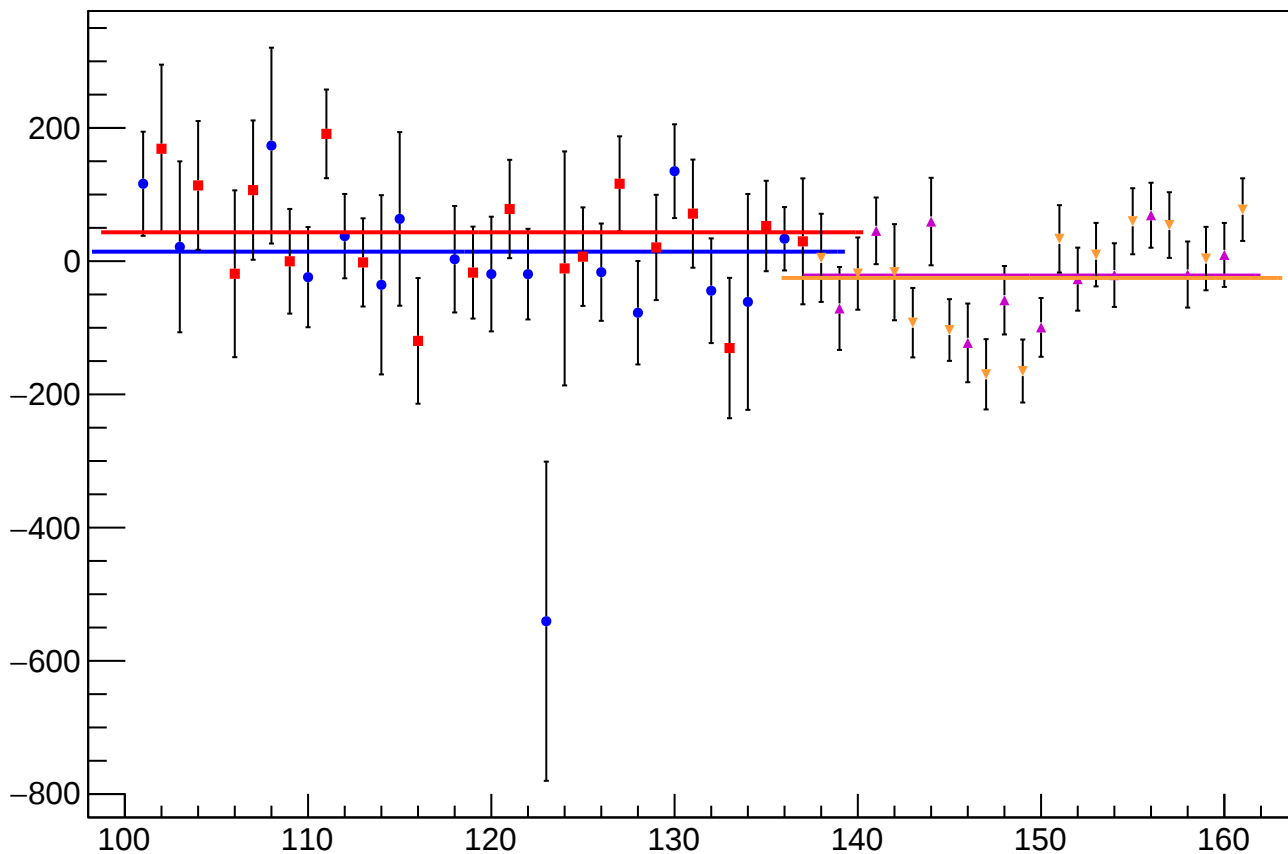
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 387.770 $\pm$ 0.071 χ^2/NDF :1571398.5/27

Out: 390.400 $\pm$ 0.069 χ^2/NDF :1635650.6/30

All: 389.124 $\pm$ 0.049 χ^2/NDF : 3207755.0/58

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -25.170+/-14.223 χ^2/NDF : 33.5/12

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -21.612+/-15.410 χ^2/NDF : 14.4/10

Left: -23.534+/-10.451 χ^2/NDF : 48.0/23

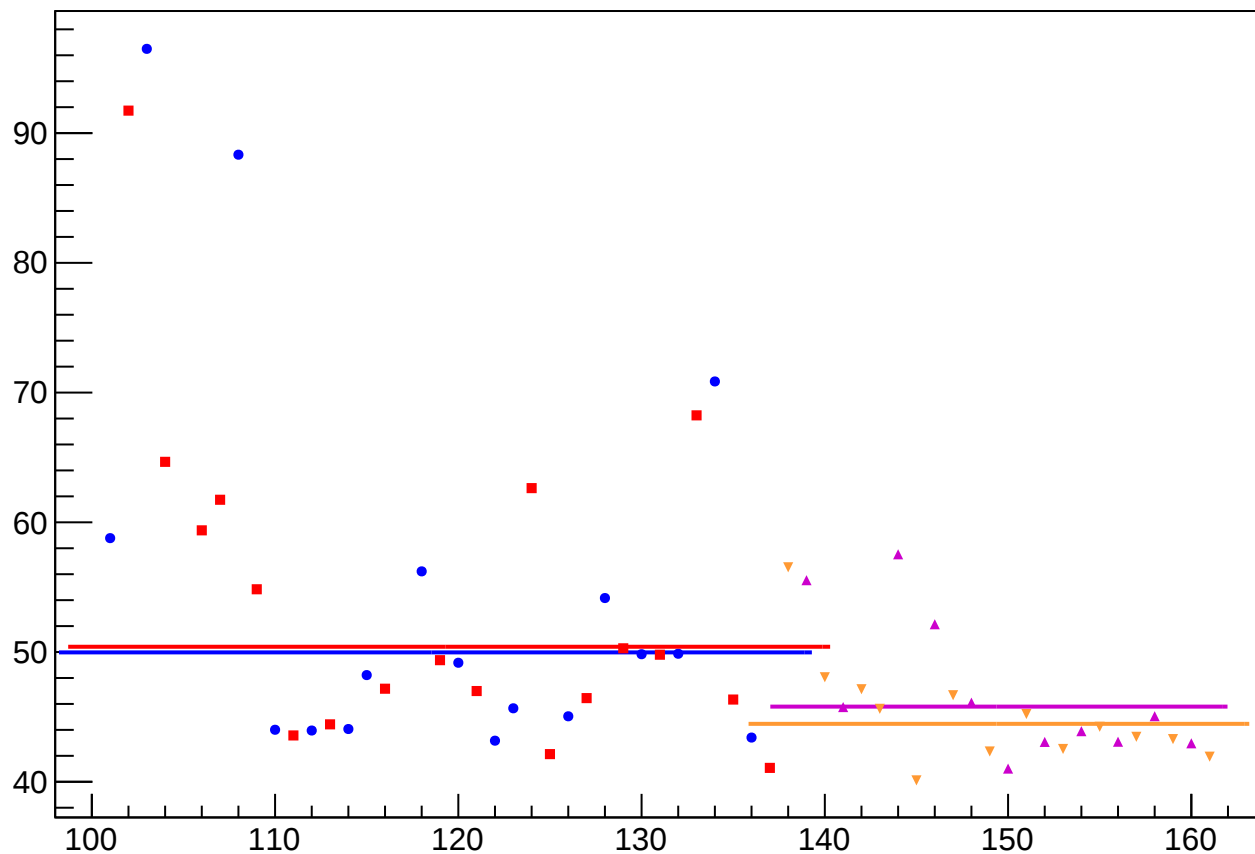
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -8.140+/-12.176 χ^2/NDF : 31.2/27

Out: -1.619+/-11.521 χ^2/NDF : 57.7/30

All: -4.699+/-8.369 χ^2/NDF : 89.0/58

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 44.466 $\pm$ 0.010 χ^2/NDF : 115886.9/12

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 45.794 $\pm$ 0.011 χ^2/NDF : 182734.6/10

Left: 45.076 $\pm$ 0.007 χ^2/NDF : 306641.6/23

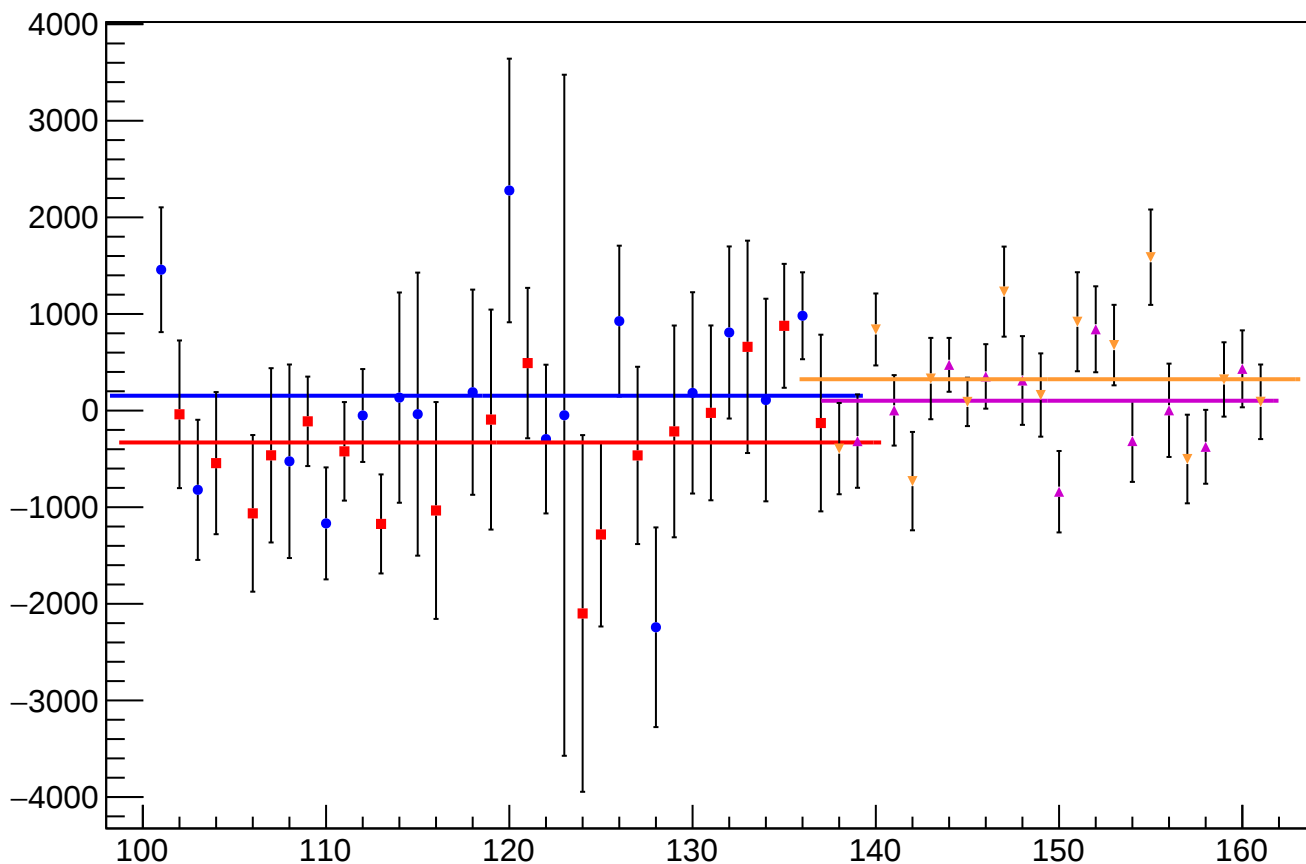
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 47.364 $\pm$ 0.009 χ^2/NDF : 816752.8/27

Out: 46.508 $\pm$ 0.008 χ^2/NDF : 703393.8/30

All: 46.912 $\pm$ 0.006 χ^2/NDF : 1525350.3/58

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: 324.588 $\pm$ 112.504 χ^2 /NDF:25.5/12

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 101.973 $\pm$ 117.784 χ^2 /NDF:14.4/10

Left: 218.382 $\pm$ 81.355 χ^2 /NDF: 41.8/23

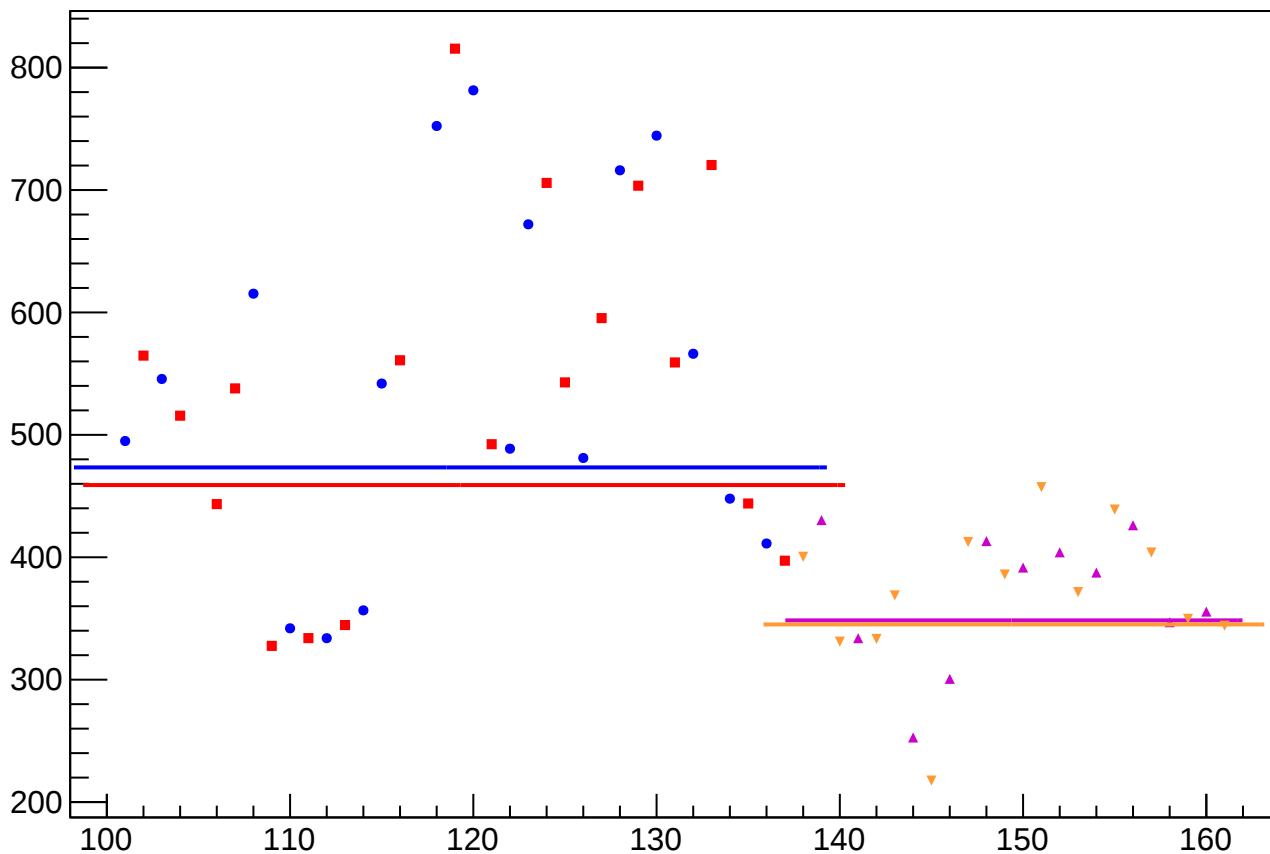
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 116.376 $\pm$ 100.104 χ^2 /NDF:39.2/27

Out: 140.417 $\pm$ 95.372 χ^2 /NDF:47.1/30

All: 128.978 $\pm$ 69.050 χ^2 /NDF: 86.4/58

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2/NDF : 914927.8/16

Left Out: 345.110 $\pm$ 0.080 χ^2/NDF :825269.3/12

Right Out: 458.988 $\pm$ 0.127 χ^2/NDF : 1006257.2/17

Left In: 348.446 $\pm$ 0.083 χ^2/NDF :498551.6/10

Left: 346.702 $\pm$ 0.058 χ^2/NDF : 1324659.9/23

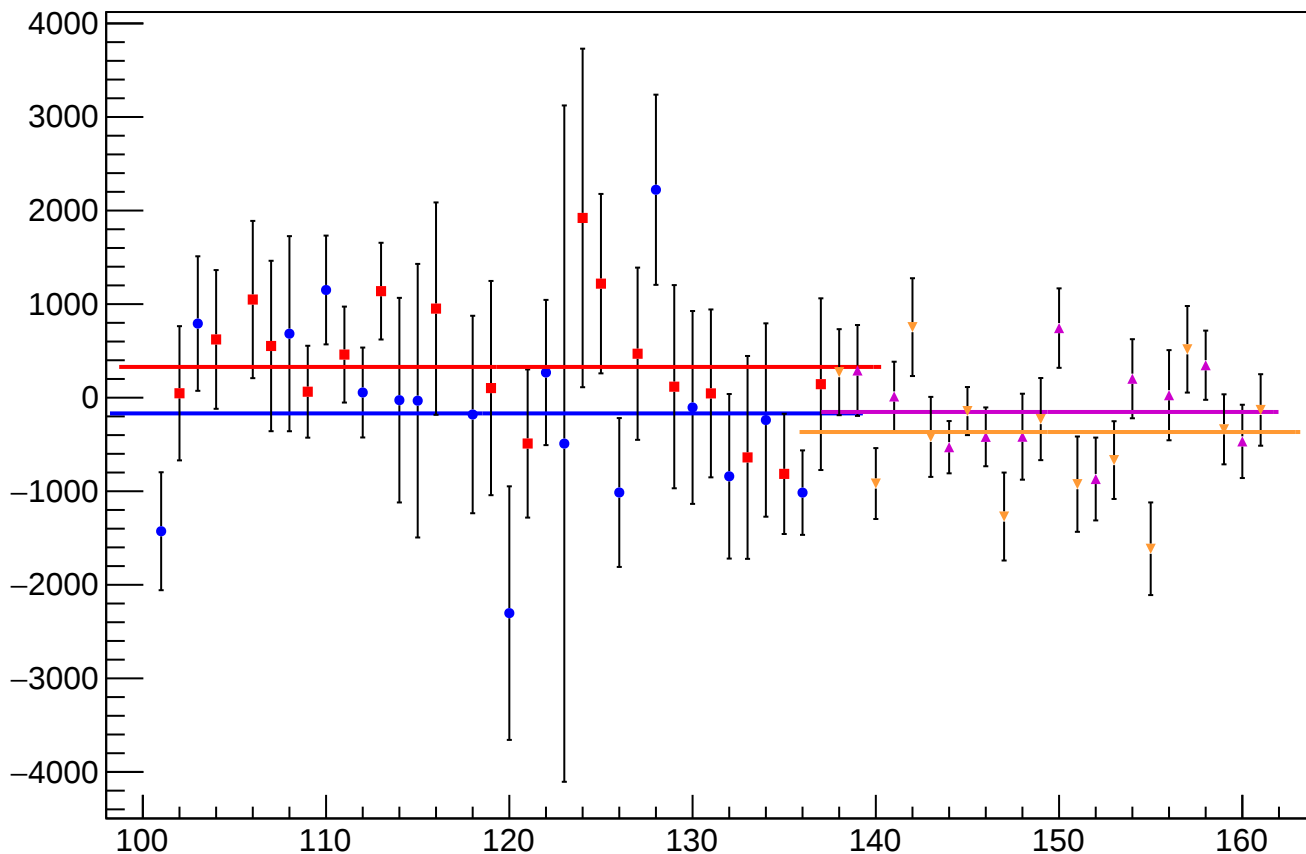
Right: 465.801 $\pm$ 0.092 χ^2/NDF : 1927262.4/34

In: 383.147 $\pm$ 0.071 χ^2/NDF :2038589.9/27

Out: 377.153 $\pm$ 0.067 χ^2/NDF :2408104.8/30

All: 380.005 $\pm$ 0.049 χ^2/NDF : 4450453.4/58

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -366.948+/-113.166 χ^2/NDF : 25.3/12

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -152.713+/-116.600 χ^2/NDF : 14.3/10

Left: -263.032+/-81.207 χ^2/NDF : 41.4/23

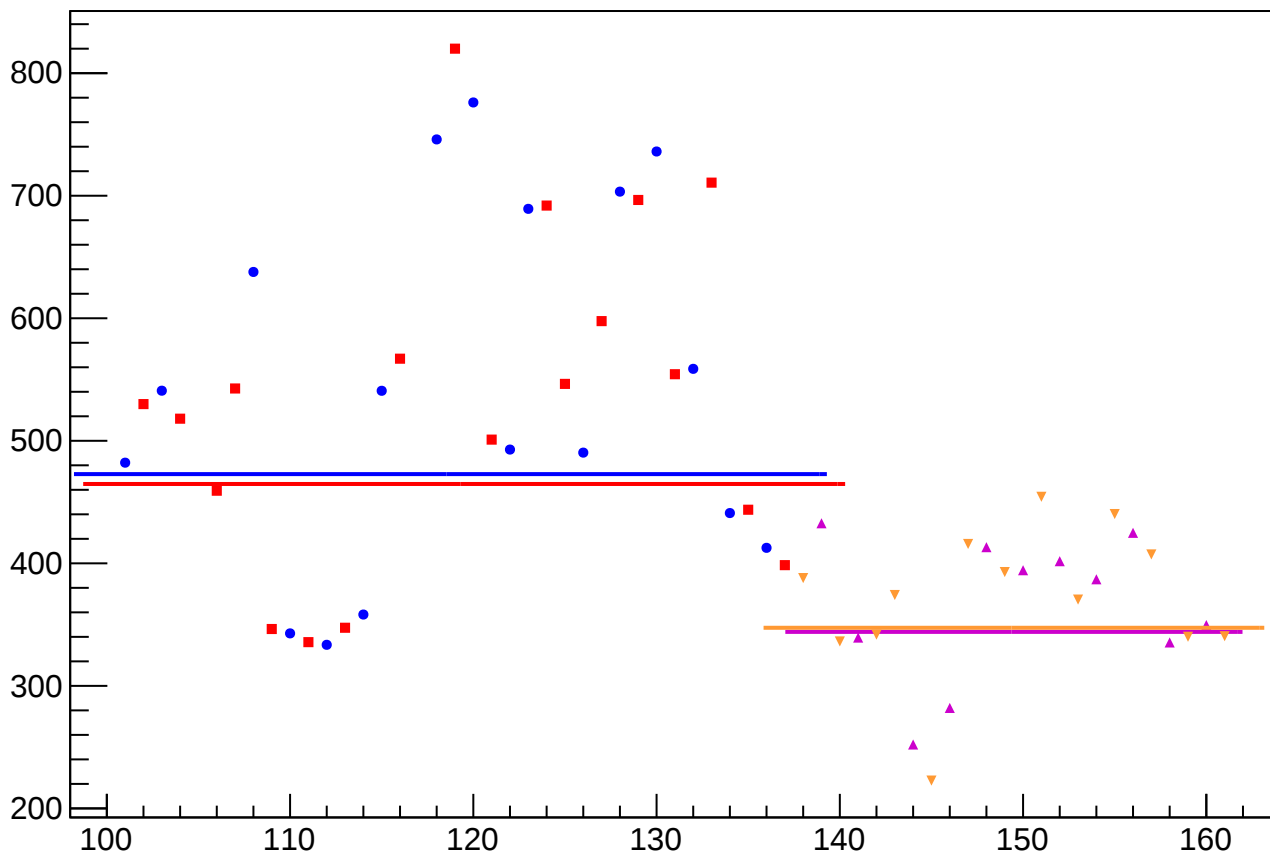
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -156.916+/-99.344 χ^2/NDF : 39.7/27

Out: -172.334+/-96.038 χ^2/NDF : 47.0/30

All: -164.886+/-69.048 χ^2/NDF : 86.7/58

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: 347.414 $\pm$ 0.080 χ^2/NDF : 759918.5/12

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 344.059 $\pm$ 0.082 χ^2/NDF : 546994.0/10

Left: 345.787 $\pm$ 0.057 χ^2/NDF : 1307764.8/23

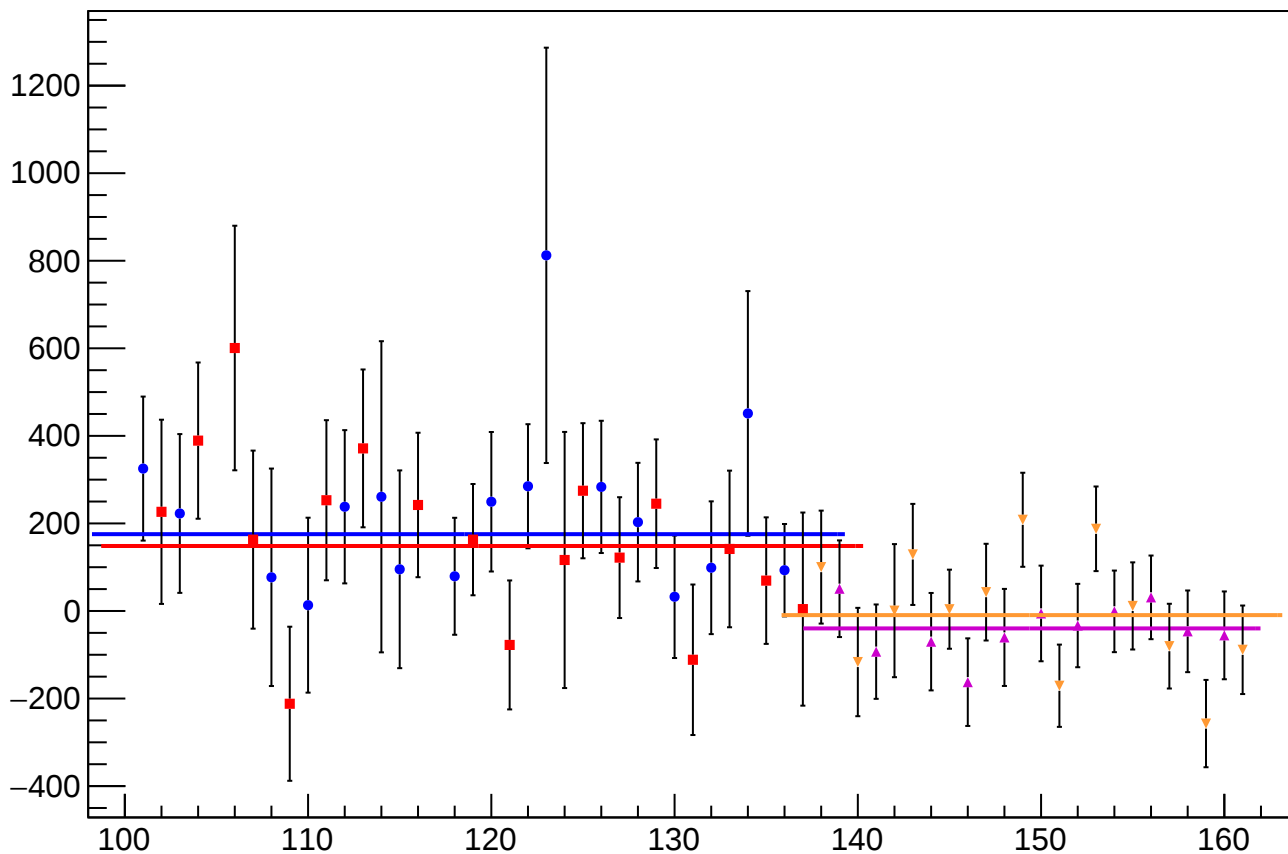
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 379.351 $\pm$ 0.070 χ^2/NDF : 2111833.3/27

Out: 380.247 $\pm$ 0.068 χ^2/NDF : 2276413.0/30

All: 379.814 $\pm$ 0.049 χ^2/NDF : 4388330.6/58

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2/NDF : 8.6/16

Left Out: -9.442 $\pm$ 29.344 χ^2/NDF : 21.8/12

Right Out: 148.445 $\pm$ 40.332 χ^2/NDF : 17.5/17

Left In: -39.822 $\pm$ 30.668 χ^2/NDF : 3.4/10

Left: -23.962 $\pm$ 21.202 χ^2/NDF : 25.7/23

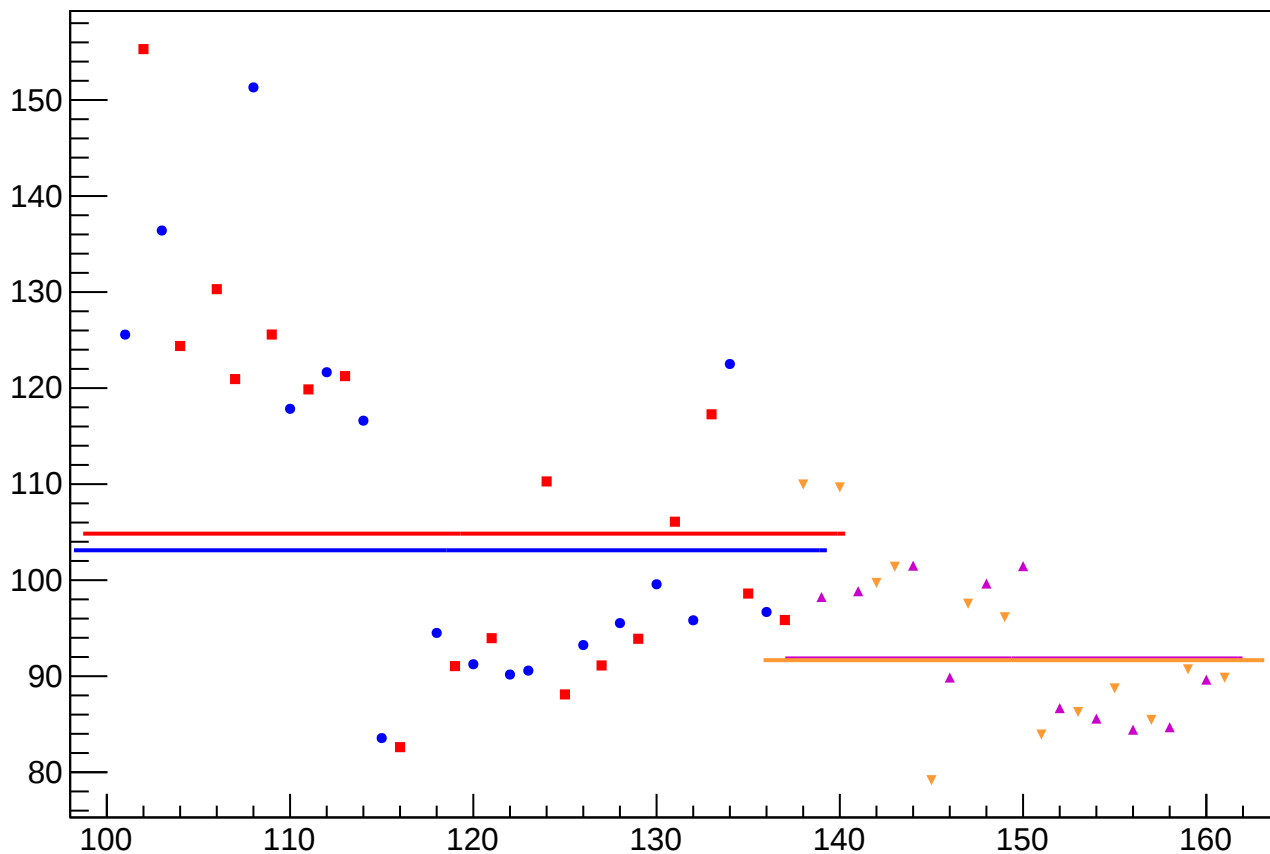
Right: 161.947 $\pm$ 28.528 χ^2/NDF : 26.3/34

In: 38.987 $\pm$ 24.418 χ^2/NDF : 30.0/27

Out: 45.207 $\pm$ 23.728 χ^2/NDF : 49.3/30

All: 42.186 $\pm$ 17.017 χ^2/NDF : 79.3/58

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 91.669 $\pm$ 0.021 χ^2 /NDF:180368.7/12

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 91.852 $\pm$ 0.022 χ^2 /NDF:96168.4/10

Left: 91.756 $\pm$ 0.015 χ^2 /NDF: 276574.1/23

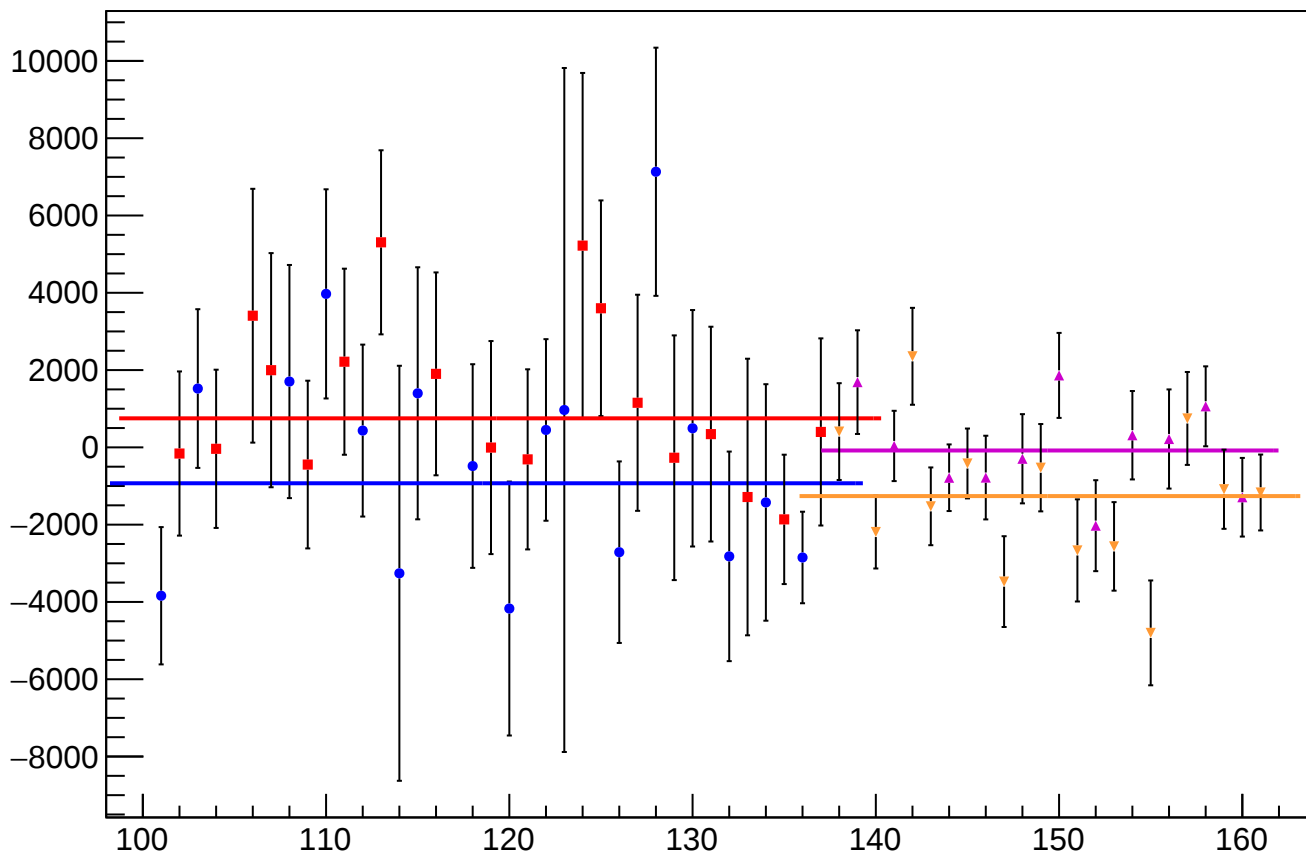
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 95.974 $\pm$ 0.017 χ^2 /NDF:501311.2/27

Out: 96.229 $\pm$ 0.017 χ^2 /NDF:688597.5/30

All: 96.105 $\pm$ 0.012 χ^2 /NDF: 1190021.3/58

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1260.757 $\pm$ 306.096 χ^2 /NDF:28.0/12

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: -80.612 $\pm$ 323.850 χ^2 /NDF:11.5/10

Left: -703.918 $\pm$ 222.454 χ^2 /NDF: 46.6/23

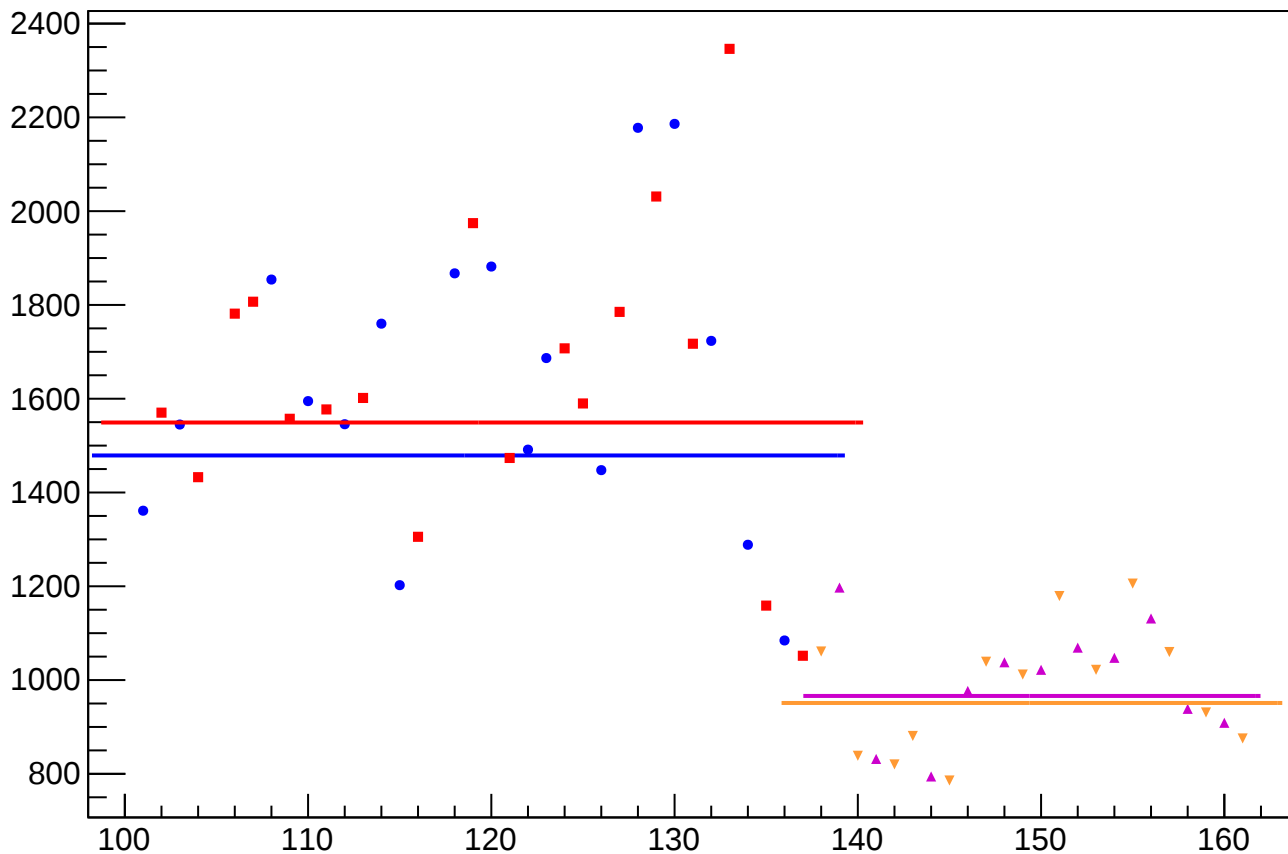
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -278.584 $\pm$ 283.555 χ^2 /NDF:34.0/27

Out: -839.655 $\pm$ 272.186 χ^2 /NDF:48.0/30

All: -570.592 $\pm$ 196.361 χ^2 /NDF: 84.1/58

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 951.150+/-0.216 χ^2/NDF : 325847.0/12

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 966.127+/-0.229 χ^2/NDF : 261763.8/10

Left: 958.216+/-0.157 χ^2/NDF : 589870.0/23

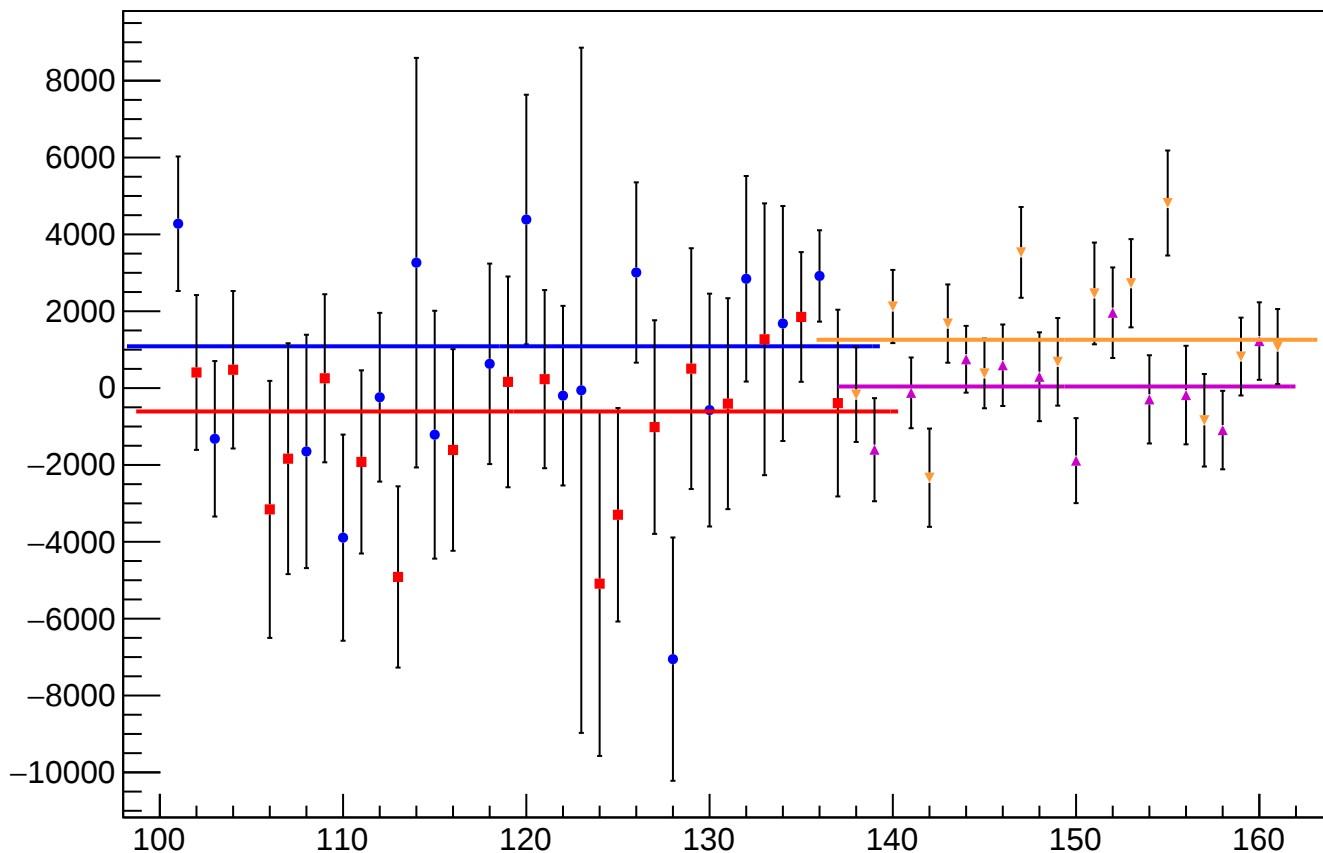
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1085.814+/-0.201 χ^2/NDF : 2021940.6/27

Out: 1076.331+/-0.192 χ^2/NDF : 2386643.3/30

All: 1080.879+/-0.139 χ^2/NDF : 4409747.8/58

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: 1258.169 $\pm$ 306.906 χ^2 /NDF:27.6/12

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 41.848 $\pm$ 323.685 χ^2 /NDF:10.9/10

Left: 682.350 $\pm$ 222.711 χ^2 /NDF: 46.0/23

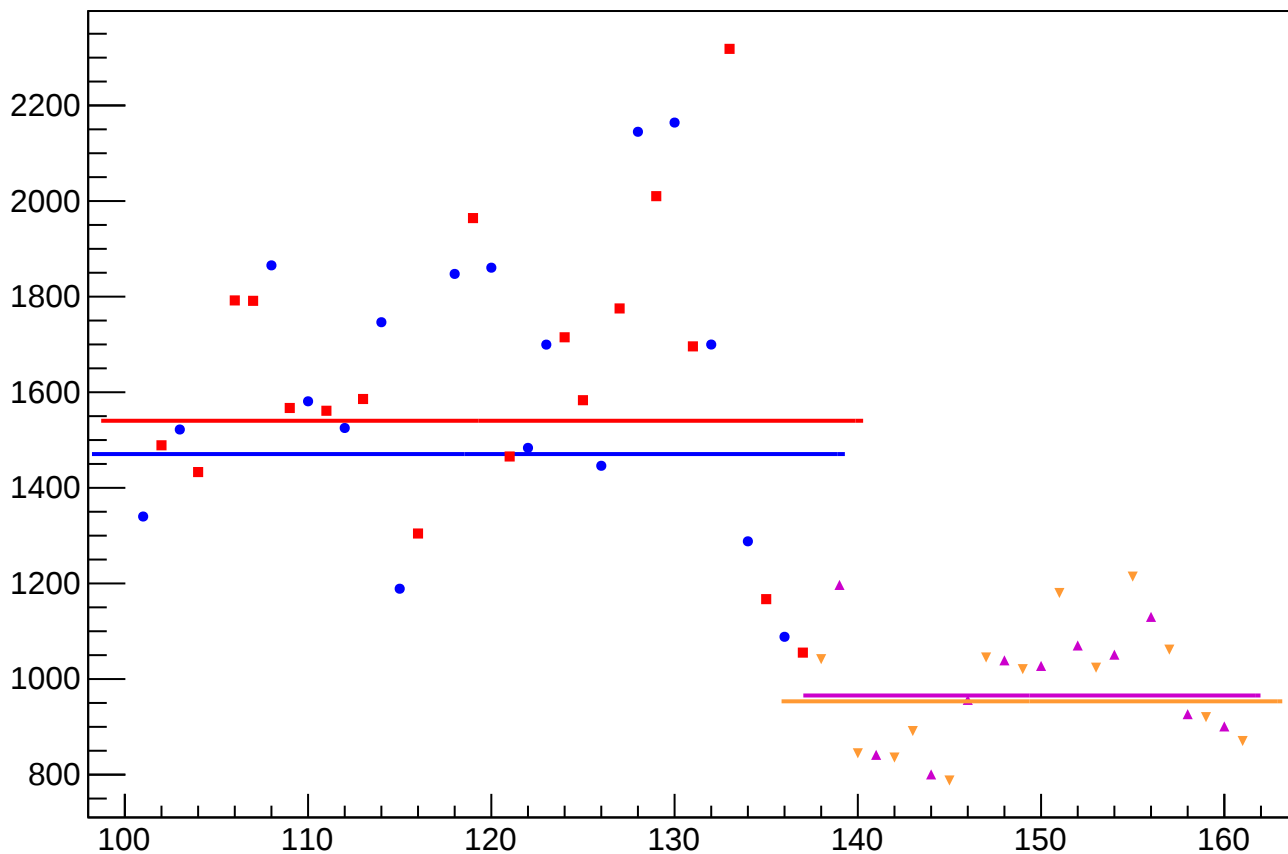
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 288.130 $\pm$ 283.031 χ^2 /NDF:35.2/27

Out: 862.400 $\pm$ 272.424 χ^2 /NDF:45.4/30

All: 586.227 $\pm$ 196.275 χ^2 /NDF: 82.8/58

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: 953.388 $\pm$ 0.217 χ^2/NDF : 318229.1/12

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 965.607 $\pm$ 0.229 χ^2/NDF : 253476.5/10

Left: 959.173 $\pm$ 0.157 χ^2/NDF : 573206.4/23

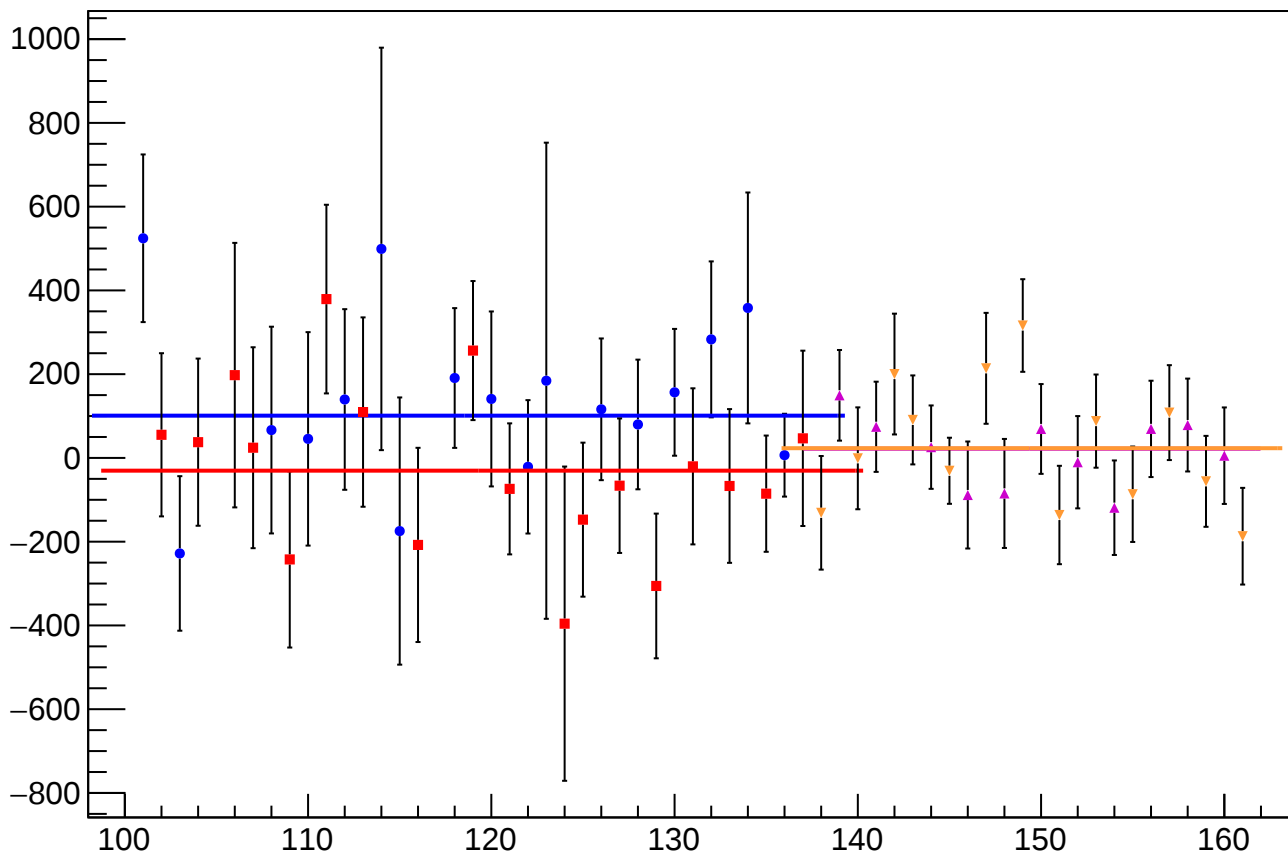
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1084.512 $\pm$ 0.200 χ^2/NDF : 1967618.6/27

Out: 1077.871 $\pm$ 0.193 χ^2/NDF : 2312466.3/30

All: 1081.065 $\pm$ 0.139 χ^2/NDF : 4280656.5/58

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 23.216 ± 31.220 $\chi^2/\text{NDF}: 20.3/12$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 21.997 ± 33.847 $\chi^2/\text{NDF}: 5.3/10$

Left: 22.656 ± 22.948 $\chi^2/\text{NDF}: 25.7/23$

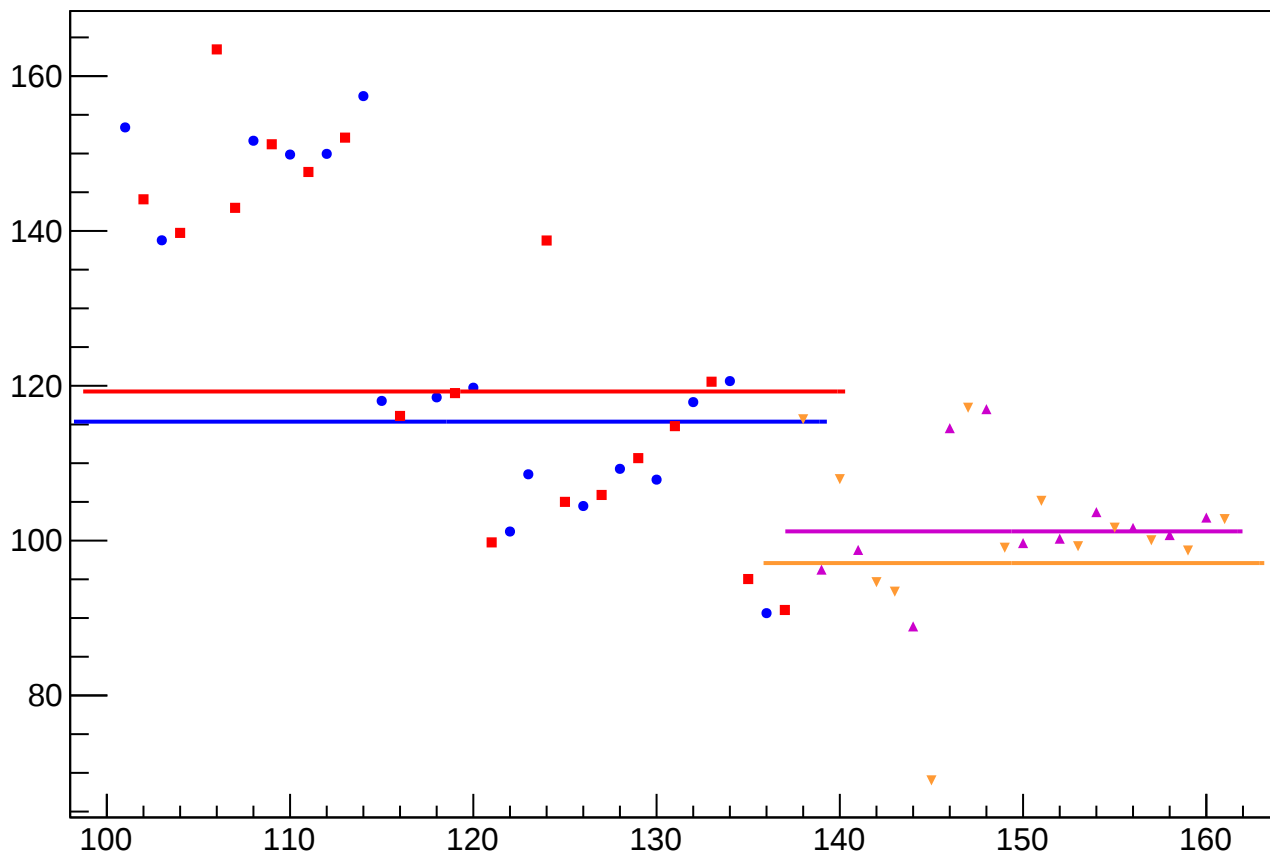
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 50.284 ± 27.111 $\chi^2/\text{NDF}: 20.3/27$

Out: 6.158 ± 25.780 $\chi^2/\text{NDF}: 34.8/30$

All: 27.112 ± 18.682 $\chi^2/\text{NDF}: 56.5/58$

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: 97.098 $\pm$ 0.022 χ^2 /NDF:375937.0/12

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.192 $\pm$ 0.024 χ^2 /NDF:88812.0/10

Left: 98.980 $\pm$ 0.016 χ^2 /NDF: 480561.8/23

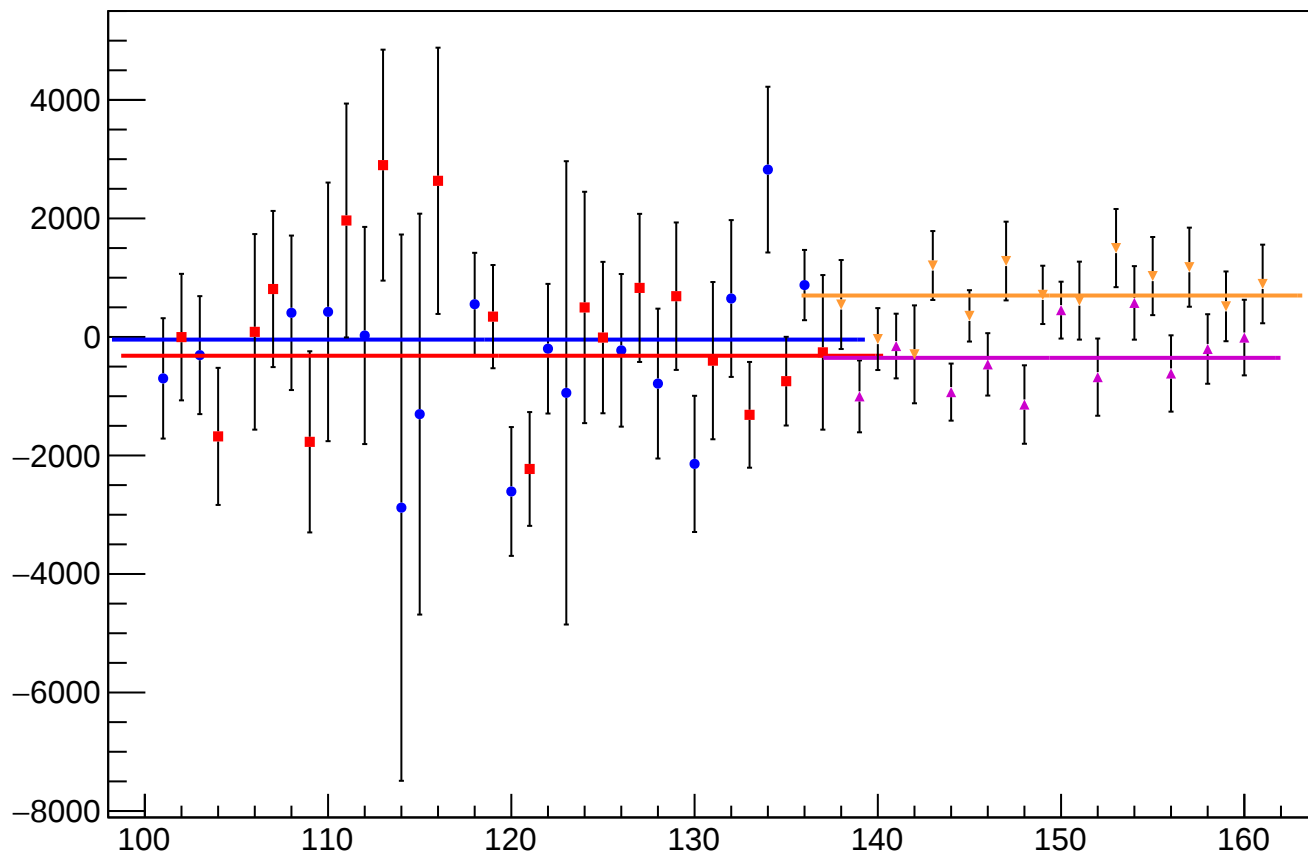
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.273 $\pm$ 0.019 χ^2 /NDF:625889.9/27

Out: 104.148 $\pm$ 0.018 χ^2 /NDF:1094926.4/30

All: 105.157 $\pm$ 0.013 χ^2 /NDF: 1727264.0/58

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: 699.288 ± 166.908 $\chi^2/\text{NDF}: 8.1/12$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -352.706 ± 173.186 $\chi^2/\text{NDF}: 10.0/10$

Left: 192.703 ± 120.180 $\chi^2/\text{NDF}: 37.2/23$

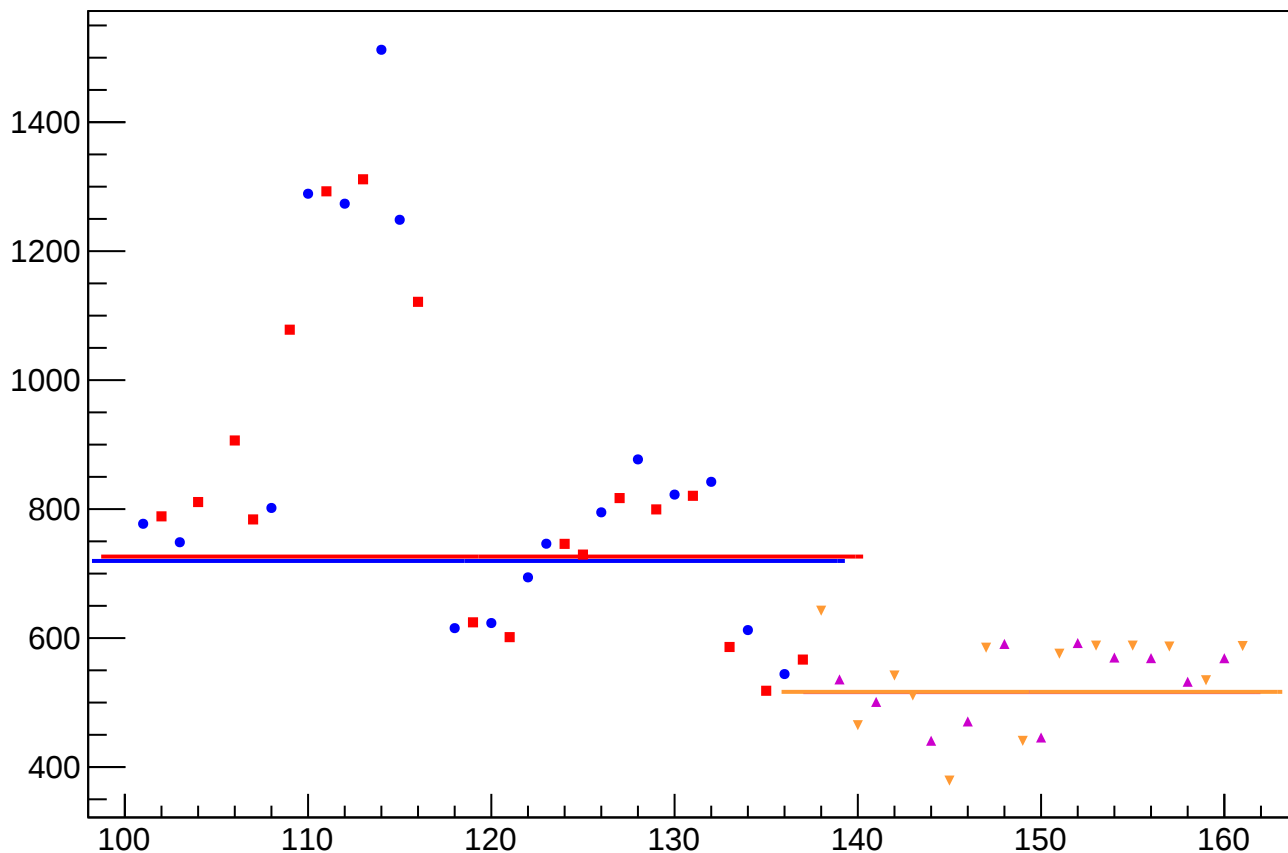
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -270.148 ± 148.181 $\chi^2/\text{NDF}: 28.7/27$

Out: 437.173 ± 143.781 $\chi^2/\text{NDF}: 34.4/30$

All: 94.170 ± 103.189 $\chi^2/\text{NDF}: 74.9/58$

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: 516.608 $\pm$ 0.118 χ^2 /NDF: 459004.0/12

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 516.226 $\pm$ 0.122 χ^2 /NDF: 206755.1/10

Left: 516.424 $\pm$ 0.085 χ^2 /NDF: 665764.1/23

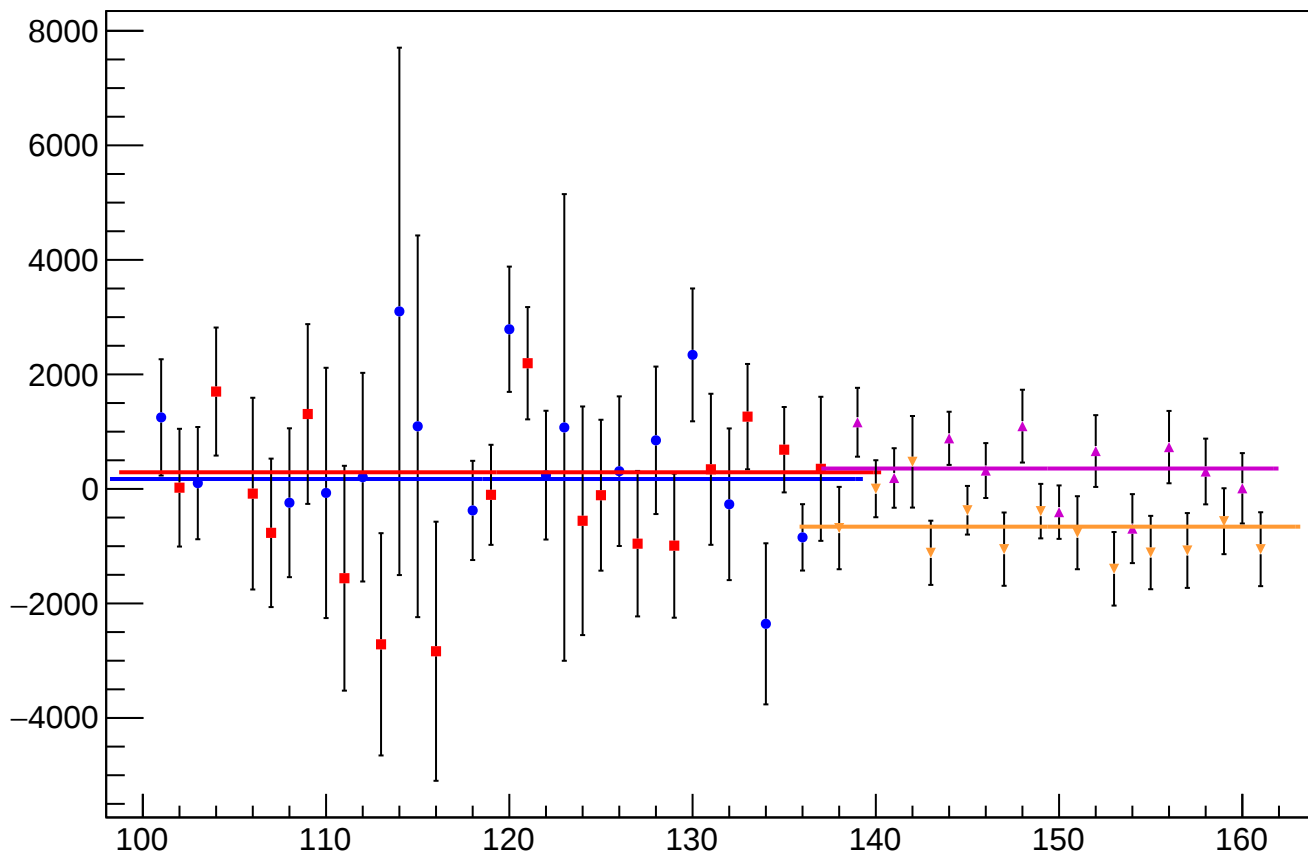
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 570.714 $\pm$ 0.105 χ^2 /NDF: 1692653.6/27

Out: 570.716 $\pm$ 0.102 χ^2 /NDF: 2154938.4/30

All: 570.715 $\pm$ 0.073 χ^2 /NDF: 3847592.0/58

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: -659.241 $\pm$ 161.803 χ^2 /NDF:8.2/12

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 356.220 $\pm$ 166.639 χ^2 /NDF:11.2/10

Left: -166.459 $\pm$ 116.084 χ^2 /NDF: 38.5/23

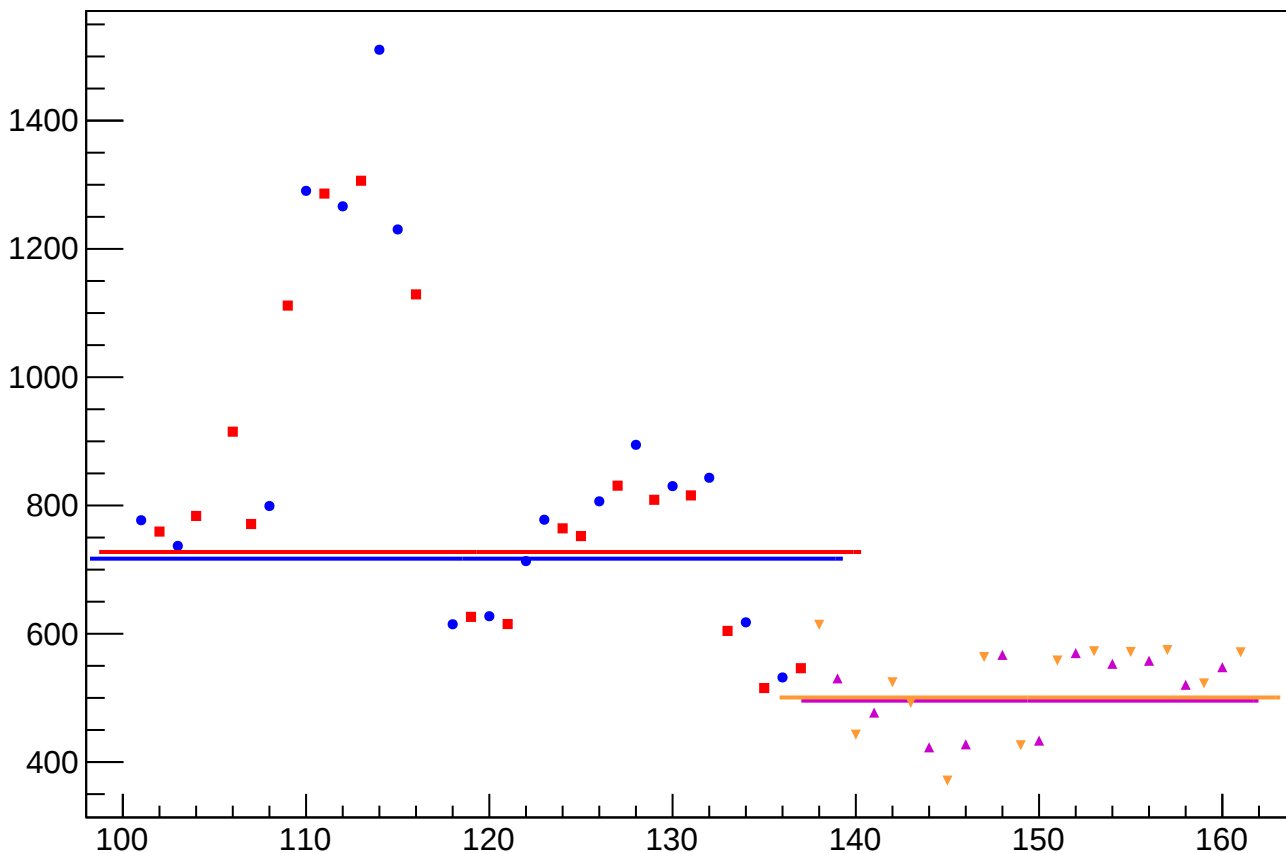
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 309.750 $\pm$ 143.940 χ^2 /NDF:29.6/27

Out: -425.871 $\pm$ 140.532 χ^2 /NDF:32.3/30

All: -66.872 $\pm$ 100.554 χ^2 /NDF: 75.3/58

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: 500.678 $\pm$ 0.114 χ^2/NDF : 451765.1/12

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 495.733 $\pm$ 0.118 χ^2/NDF : 243268.7/10

Left: 498.278 $\pm$ 0.082 χ^2/NDF : 695940.3/23

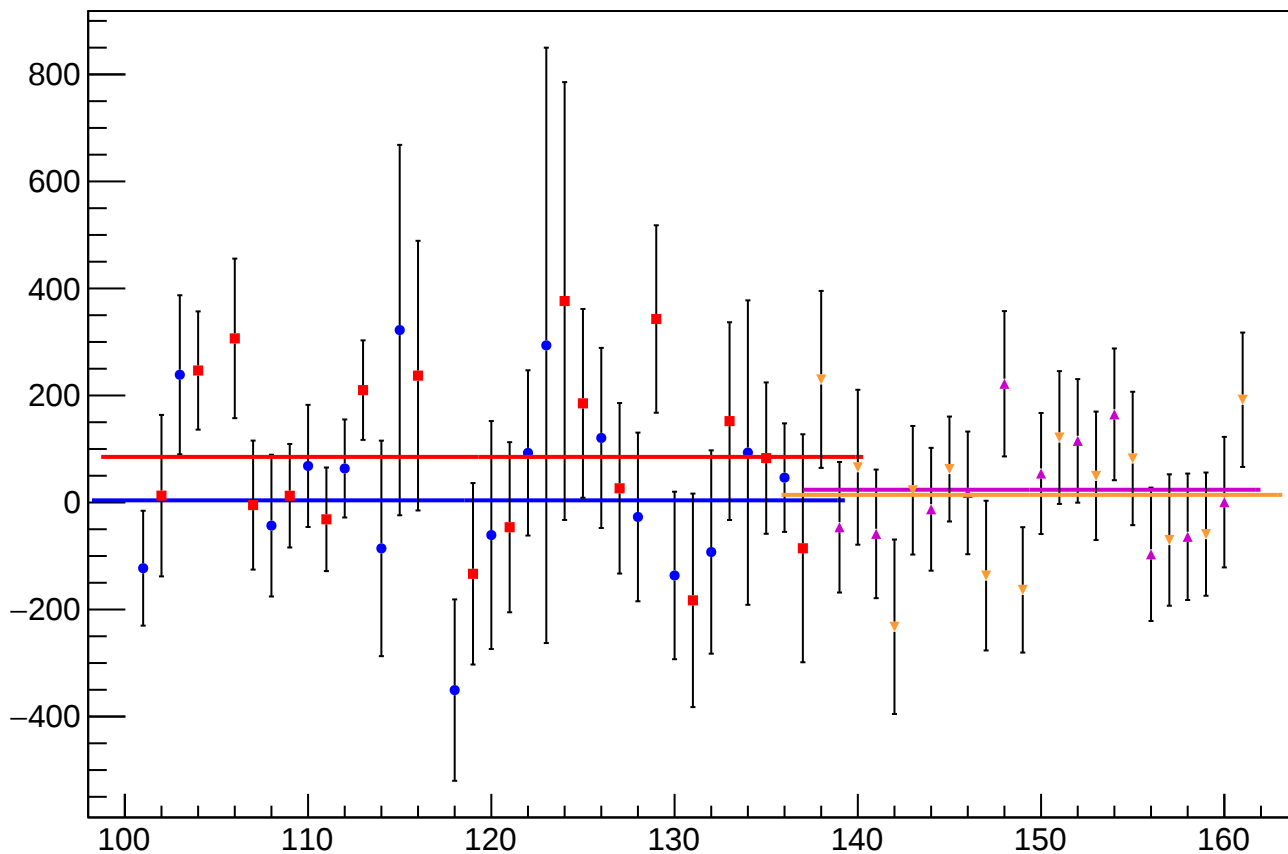
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 551.929 $\pm$ 0.102 χ^2/NDF : 1921624.7/27

Out: 556.392 $\pm$ 0.099 χ^2/NDF : 2298172.3/30

All: 554.214 $\pm$ 0.071 χ^2/NDF : 4220781.7/58

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 14.265 ± 34.856 χ^2/NDF : 11.8/12

Right Out: 85.205 ± 33.413 χ^2/NDF : 17.4/17

Left In: 23.829 ± 36.151 χ^2/NDF : 6.6/10

Left: 18.872 ± 25.092 χ^2/NDF : 18.4/23

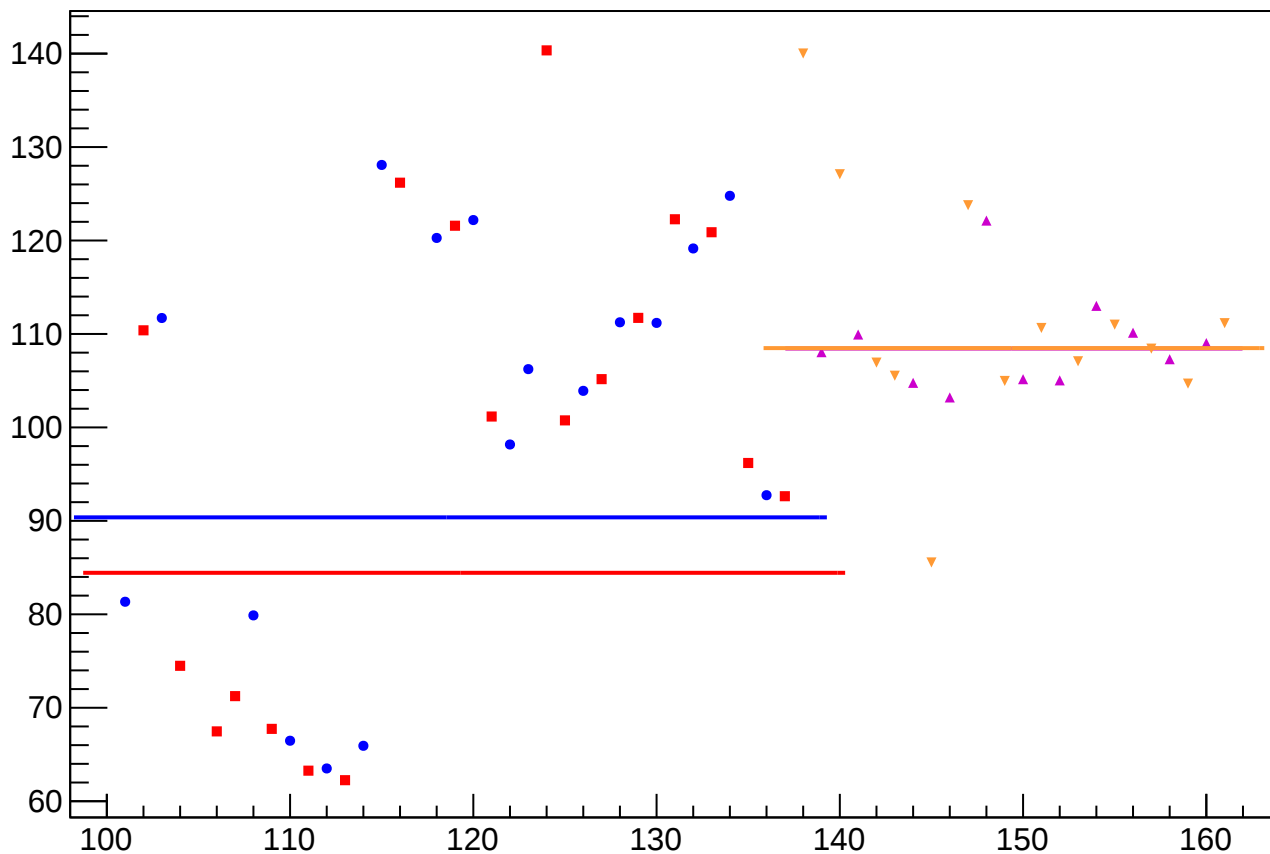
Right: 47.574 ± 24.474 χ^2/NDF : 32.8/34

In: 13.865 ± 25.491 χ^2/NDF : 19.4/27

Out: 51.234 ± 24.121 χ^2/NDF : 31.4/30

All: 33.581 ± 17.520 χ^2/NDF : 51.9/58

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.486+/-0.025 χ^2/NDF : 247054.1/12

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 108.439+/-0.026 χ^2/NDF : 33649.3/10

Left: 108.463+/-0.018 χ^2/NDF : 280705.1/23

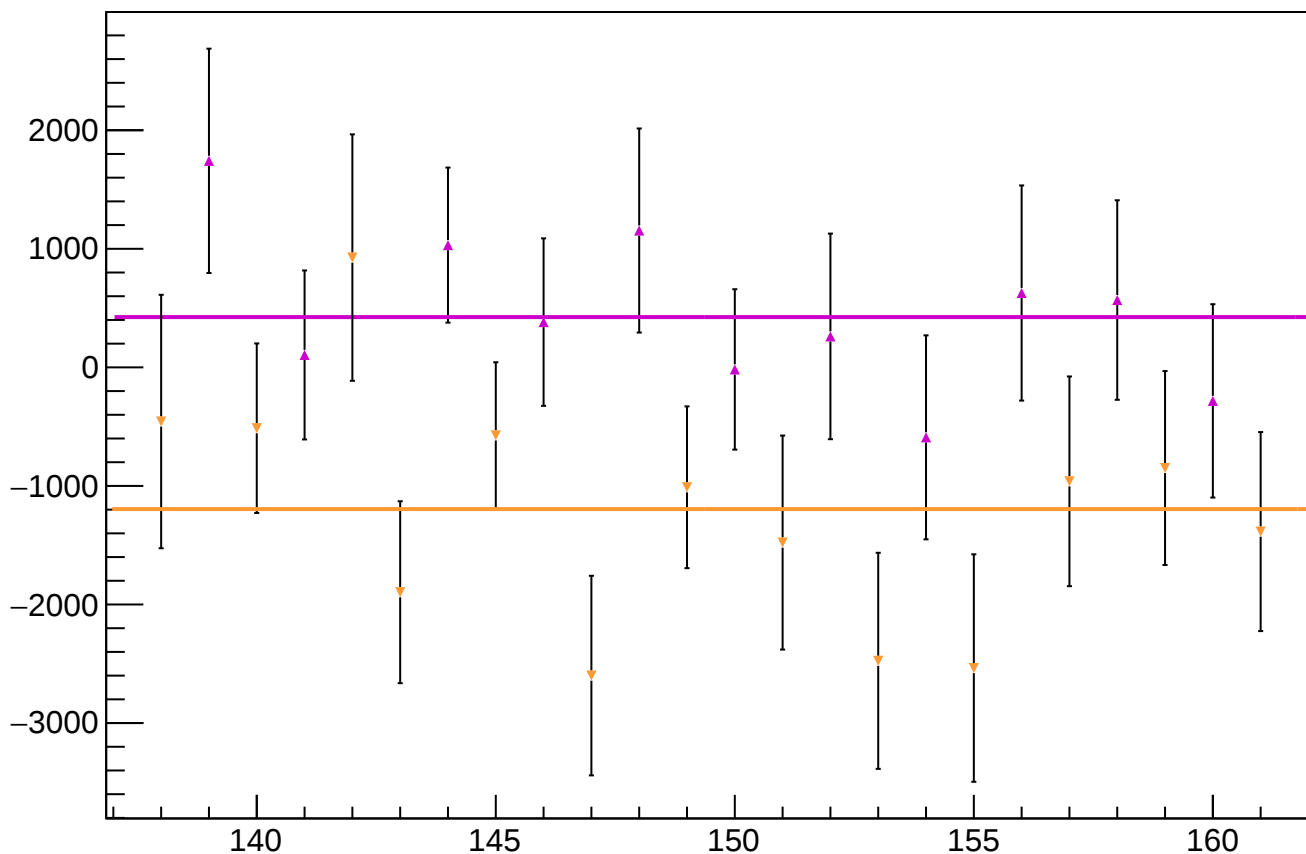
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 99.357+/-0.018 χ^2/NDF : 938861.9/27

Out: 95.956+/-0.017 χ^2/NDF : 1613821.4/30

All: 97.562+/-0.012 χ^2/NDF : 2571467.0/58

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 424.034+/-237.180 χ^2/NDF :6.4/10

Left: -419.980+/-164.108 χ^2/NDF : 45.3/23

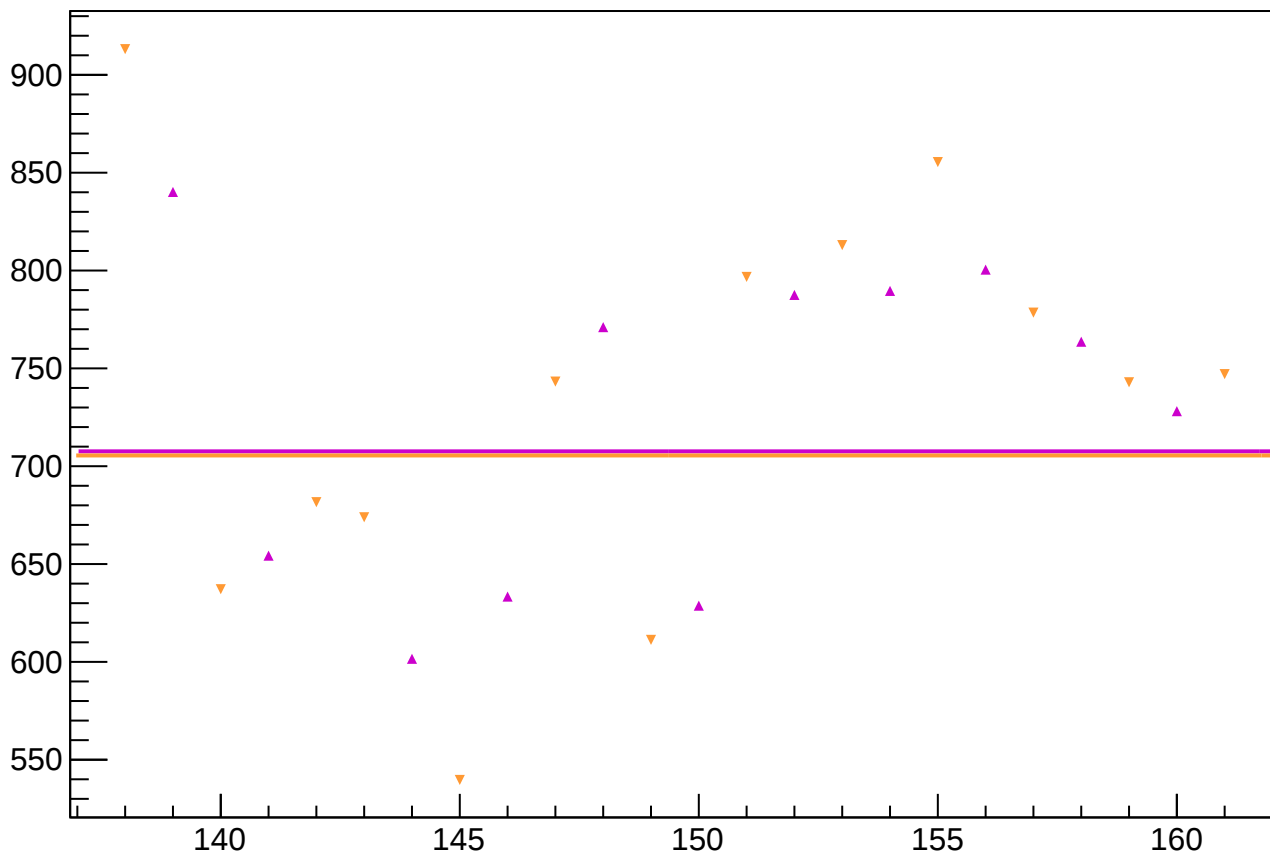
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 424.034+/-237.180 χ^2/NDF :6.4/10

Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

All: -419.980+/-164.108 χ^2/NDF : 45.3/23

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 705.497+/-0.161 χ^2/NDF :404732.0/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 707.592+/-0.168 χ^2/NDF :229437.7/10

Left: 706.500+/-0.116 χ^2/NDF : 634251.1/23

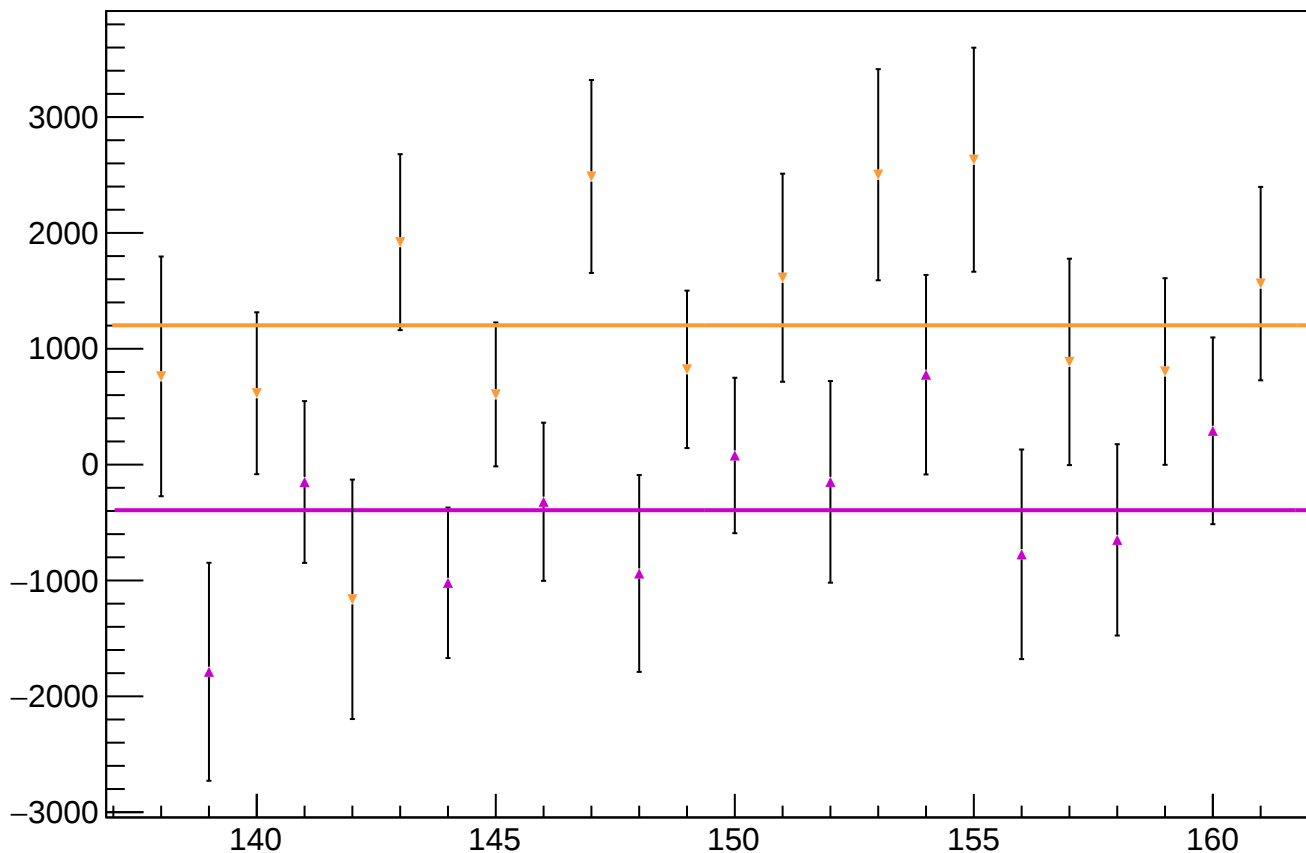
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 707.592+/-0.168 χ^2/NDF :229437.7/10

Out: 705.497+/-0.161 χ^2/NDF :404732.0/12

All: 706.500+/-0.116 χ^2/NDF : 634251.1/23

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1202.872 $\pm$ 225.855 χ^2 /NDF:15.6/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -393.312 $\pm$ 234.374 χ^2 /NDF:7.1/10

Left: 434.317 $\pm$ 162.632 χ^2 /NDF: 46.8/23

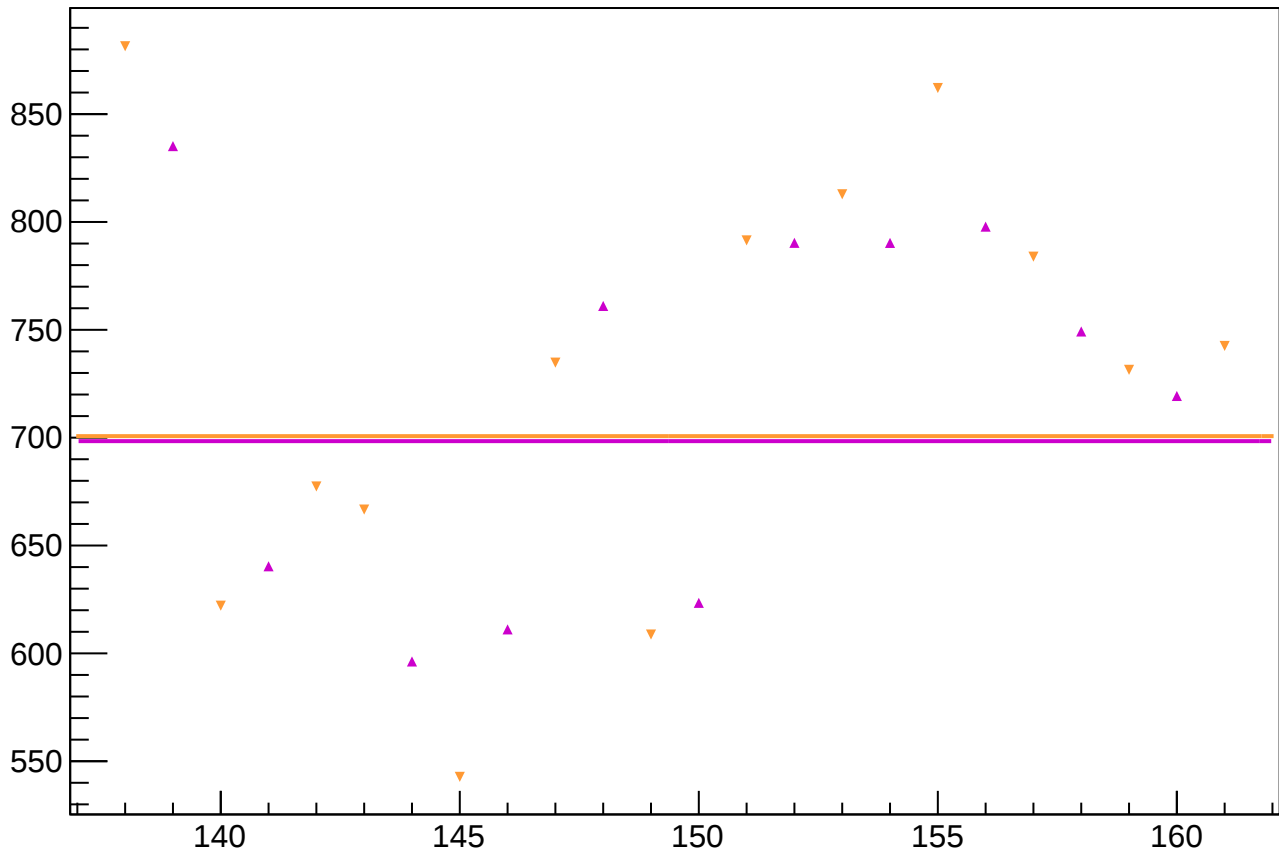
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -393.312 $\pm$ 234.374 χ^2 /NDF:7.1/10

Out: 1202.872 $\pm$ 225.855 χ^2 /NDF:15.6/12

All: 434.317 $\pm$ 162.632 χ^2 /NDF: 46.8/23

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 698.393+/-0.166 χ^2/NDF :252334.2/10

Left: 699.594+/-0.115 χ^2/NDF : 644982.3/23

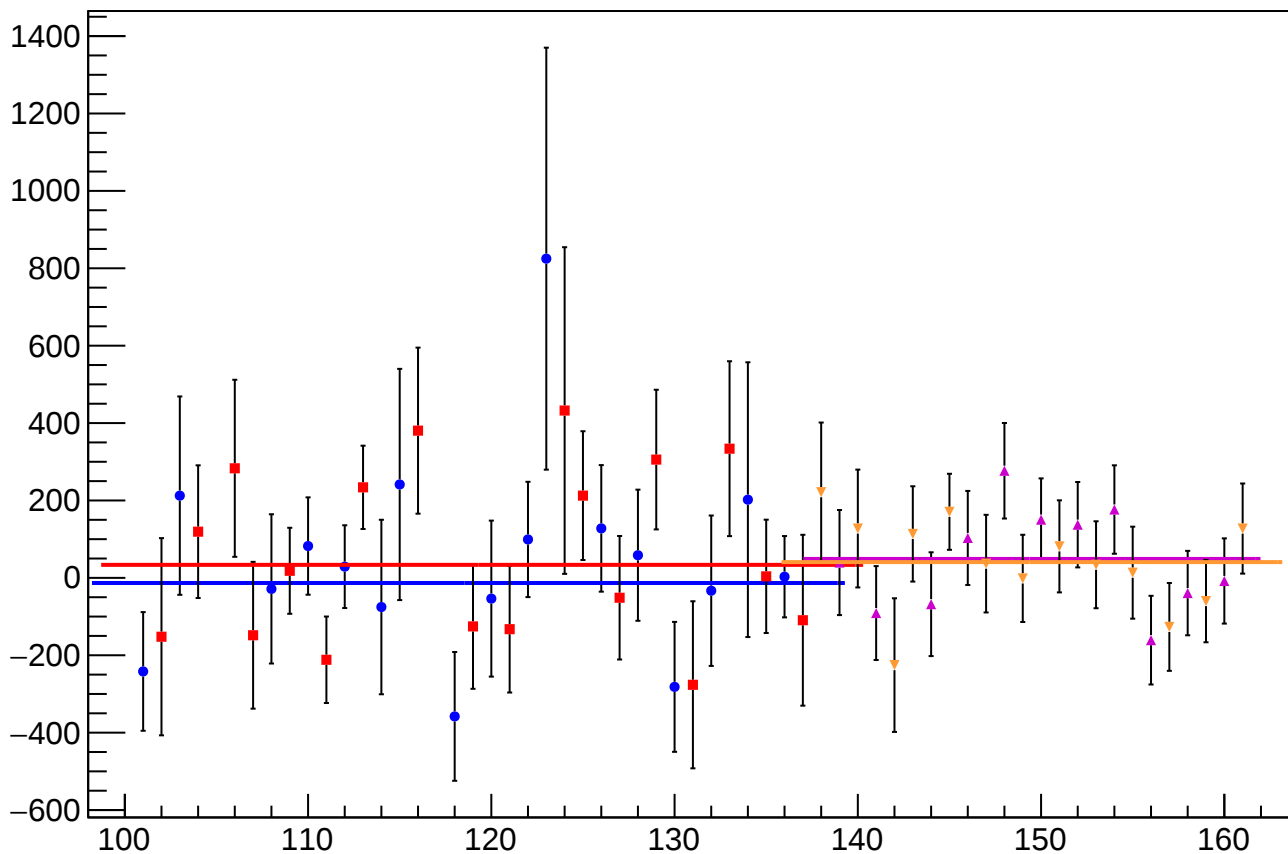
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 698.393+/-0.166 χ^2/NDF :252334.2/10

Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

All: 699.594+/-0.115 χ^2/NDF : 644982.3/23

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 40.745 ± 33.730 χ^2/NDF : 9.7/12

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 48.940 ± 35.342 χ^2/NDF : 12.8/10

Left: 44.651 ± 24.401 χ^2/NDF : 22.6/23

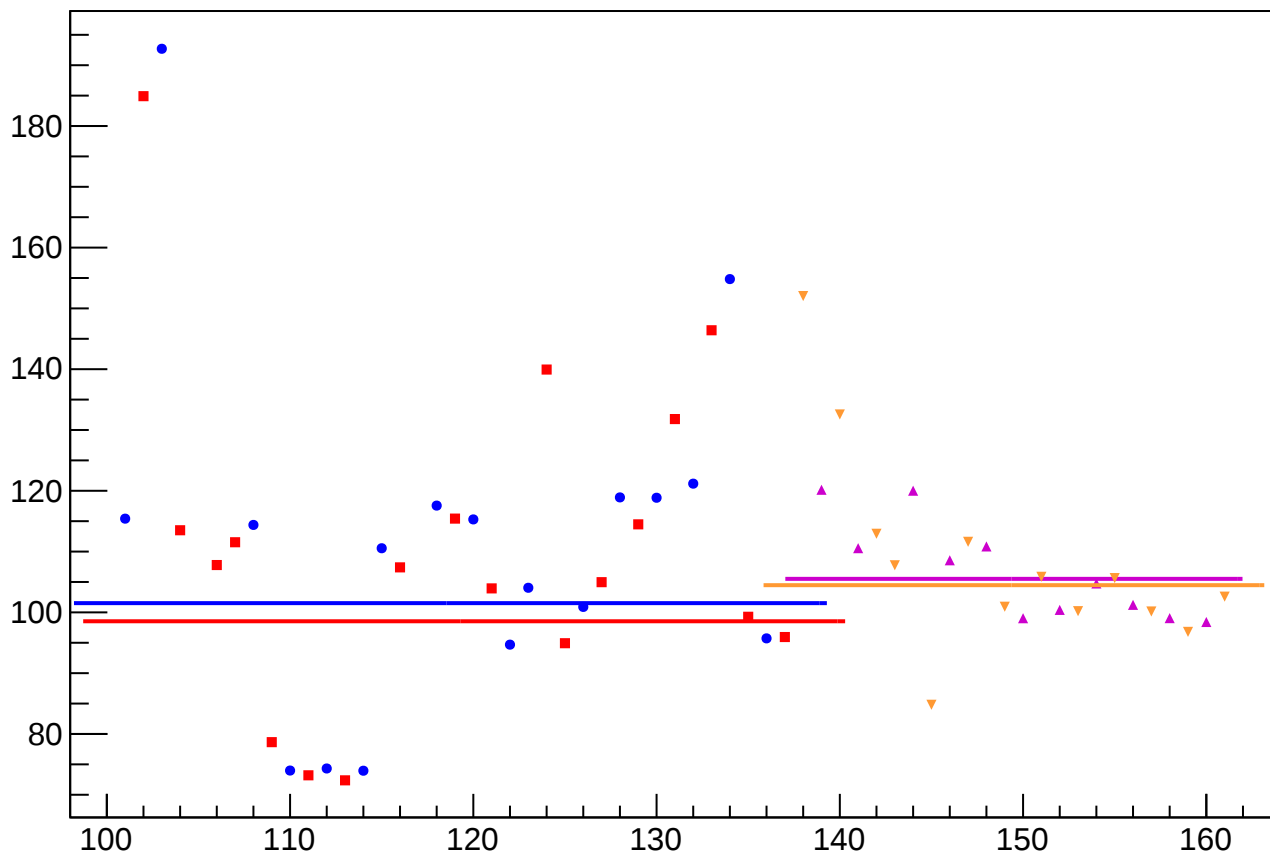
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 22.110 ± 26.644 χ^2/NDF : 29.8/27

Out: 37.693 ± 25.482 χ^2/NDF : 34.5/30

All: 30.249 ± 18.415 χ^2/NDF : 64.4/58

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: 104.473 $\pm$ 0.024 χ^2 /NDF: 319654.6/12

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 105.514 $\pm$ 0.025 χ^2 /NDF: 84996.4/10

Left: 104.969 $\pm$ 0.017 χ^2 /NDF: 405558.2/23

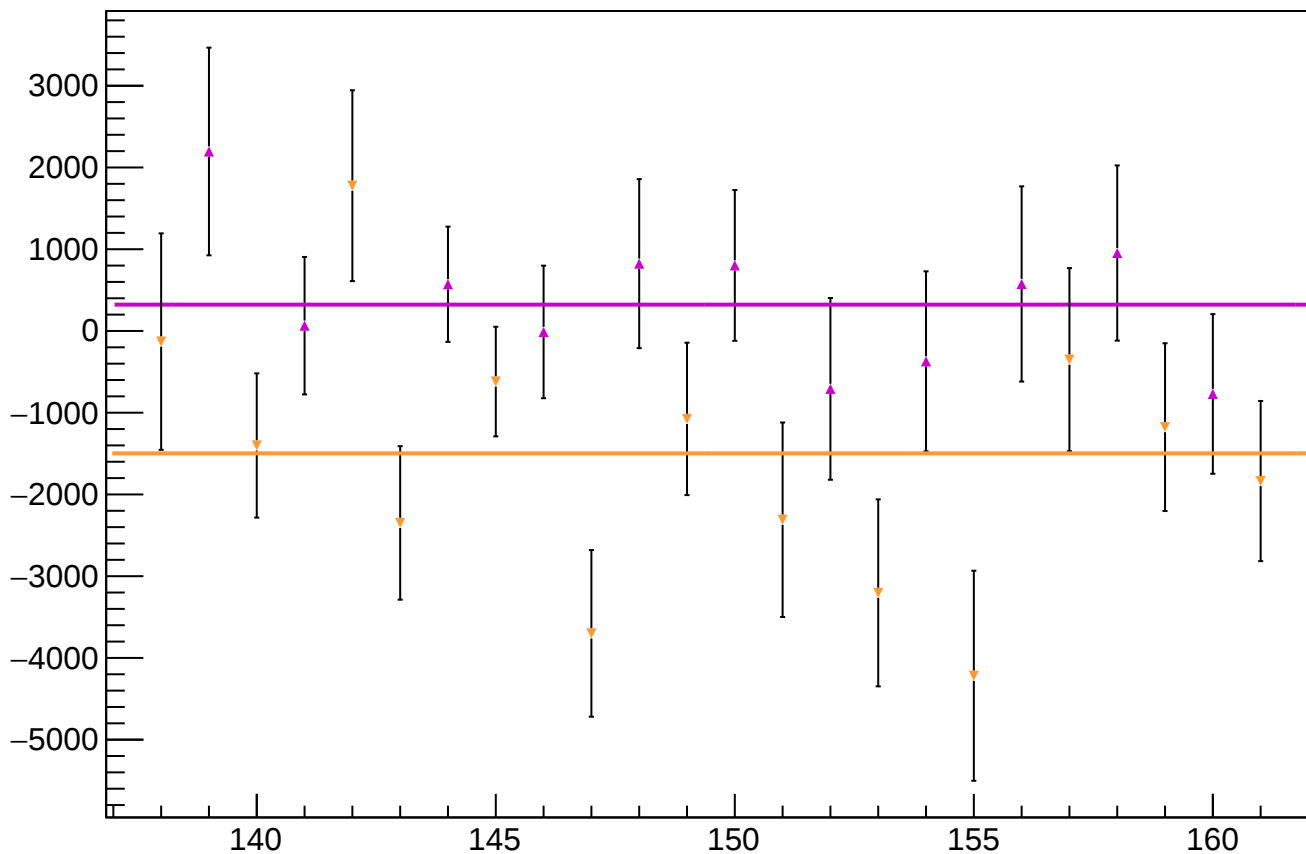
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 103.789 $\pm$ 0.019 χ^2 /NDF: 777738.2/27

Out: 101.925 $\pm$ 0.018 χ^2 /NDF: 1093229.3/30

All: 102.815 $\pm$ 0.013 χ^2 /NDF: 1876084.3/58

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1497.267 $\pm$ 278.156 χ^2 /NDF:24.8/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 322.010 $\pm$ 289.501 χ^2 /NDF:6.0/10

Left: -623.972 $\pm$ 200.577 χ^2 /NDF: 51.3/23

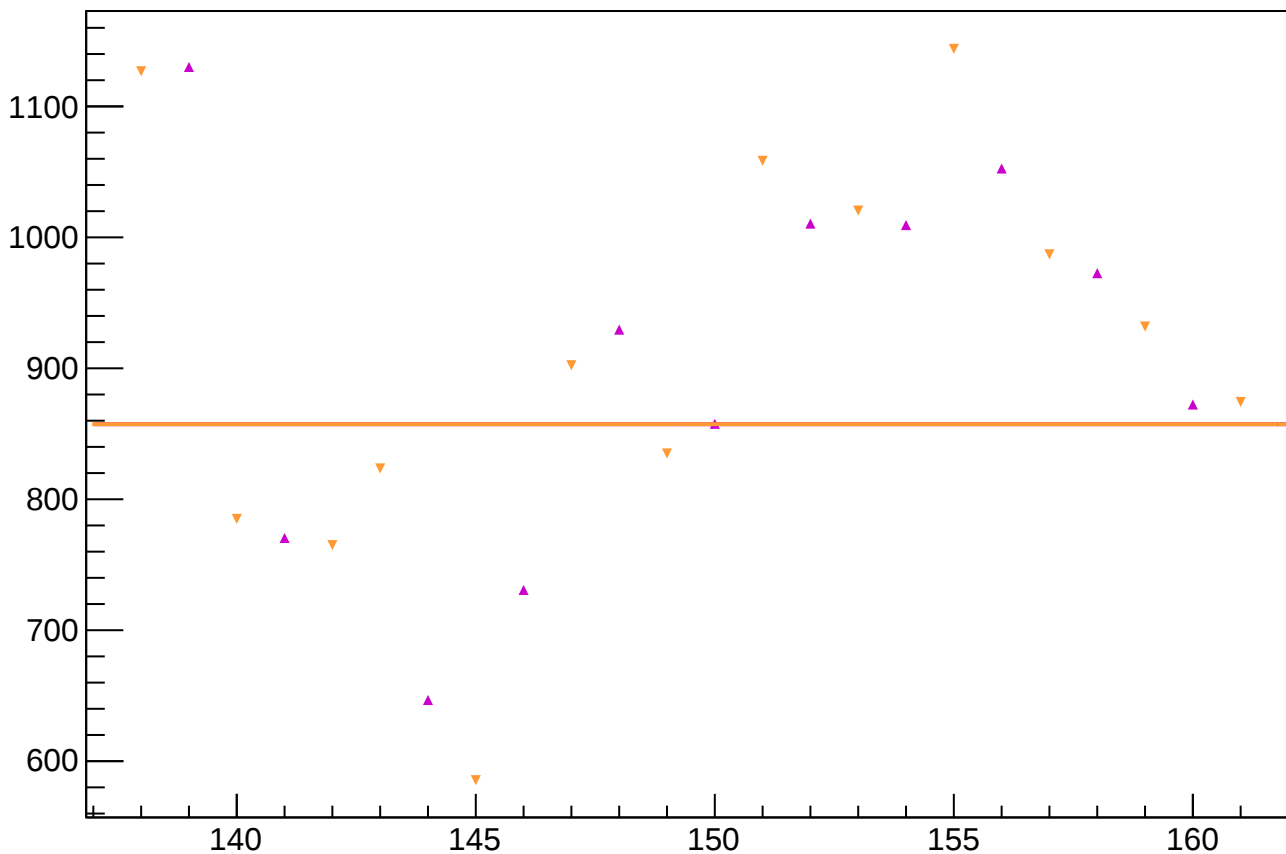
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 322.010 $\pm$ 289.501 χ^2 /NDF:6.0/10

Out: -1497.267 $\pm$ 278.156 χ^2 /NDF:24.8/12

All: -623.972 $\pm$ 200.577 χ^2 /NDF: 51.3/23

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 857.338+/-0.197 χ^2/NDF : 680489.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 857.344+/-0.205 χ^2/NDF : 503818.4/10

Left: 857.341+/-0.142 χ^2/NDF : 1184307.6/23

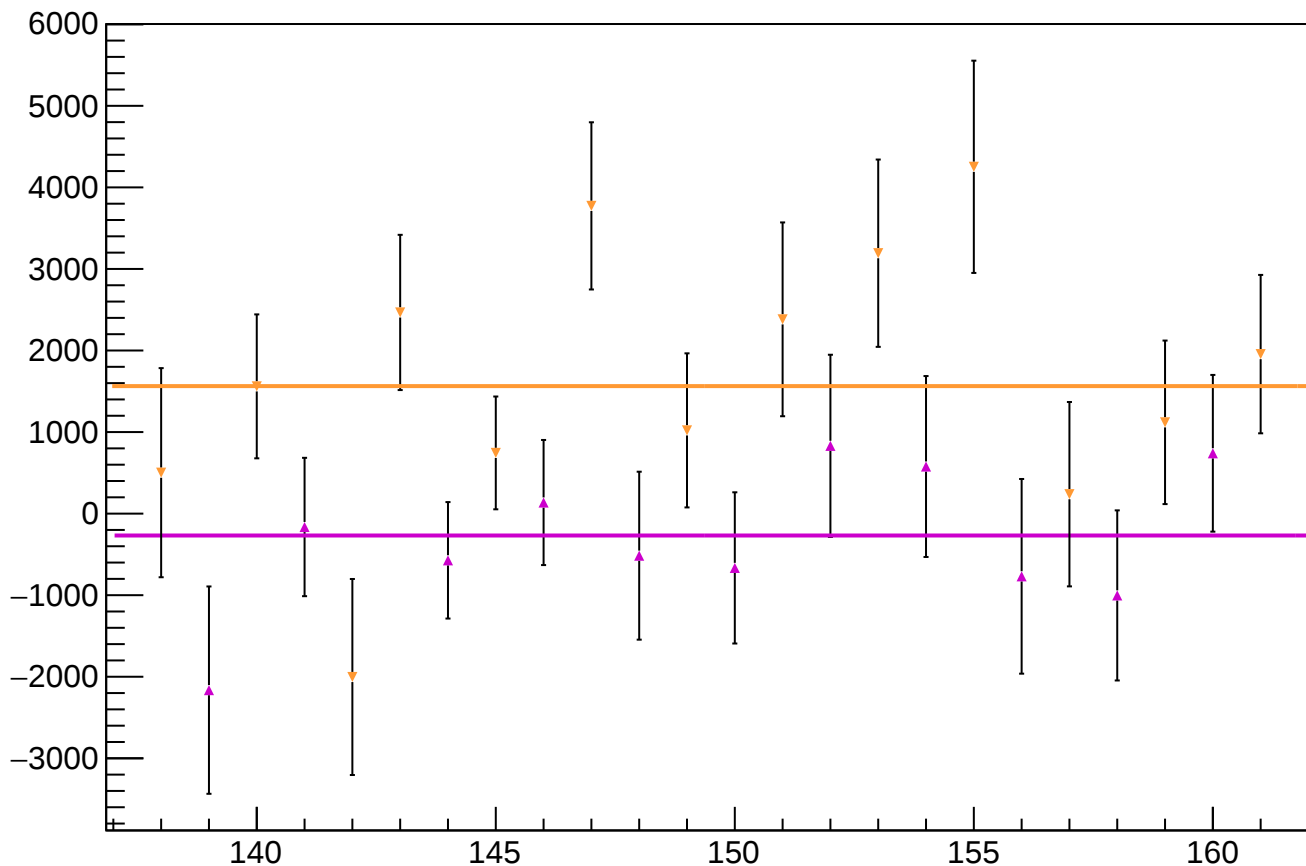
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 857.344+/-0.205 χ^2/NDF : 503818.4/10

Out: 857.338+/-0.197 χ^2/NDF : 680489.2/12

All: 857.341+/-0.142 χ^2/NDF : 1184307.6/23

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1563.474+/-280.069 χ^2/NDF : 25.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -268.210+/-287.518 χ^2/NDF : 6.3/10

Left: 671.669+/-200.620 χ^2/NDF : 52.4/23

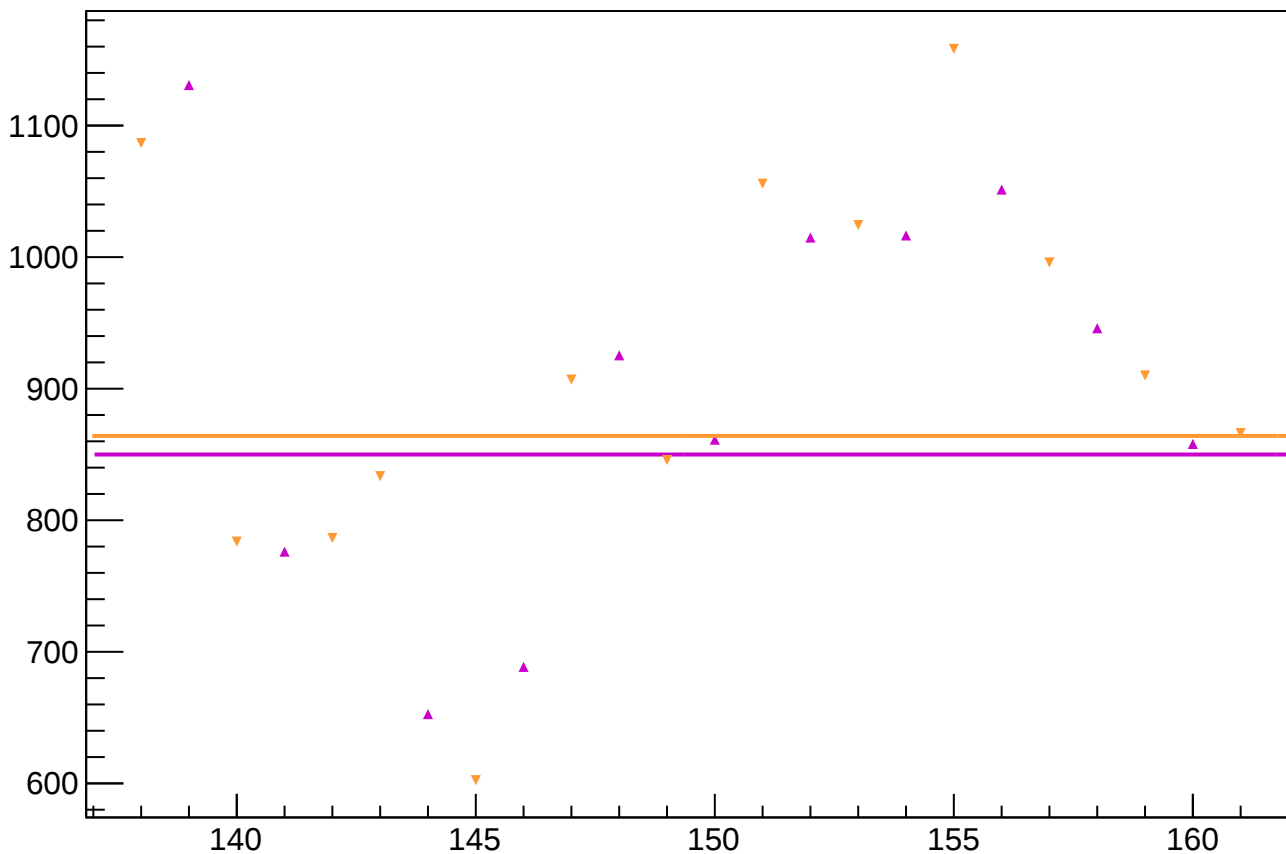
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.210+/-287.518 χ^2/NDF : 6.3/10

Out: 1563.474+/-280.069 χ^2/NDF : 25.3/12

All: 671.669+/-200.620 χ^2/NDF : 52.4/23

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 864.113+/-0.198 χ^2/NDF : 602508.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 849.972+/-0.203 χ^2/NDF : 527801.0/10

Left: 857.228+/-0.142 χ^2/NDF : 1132792.1/23

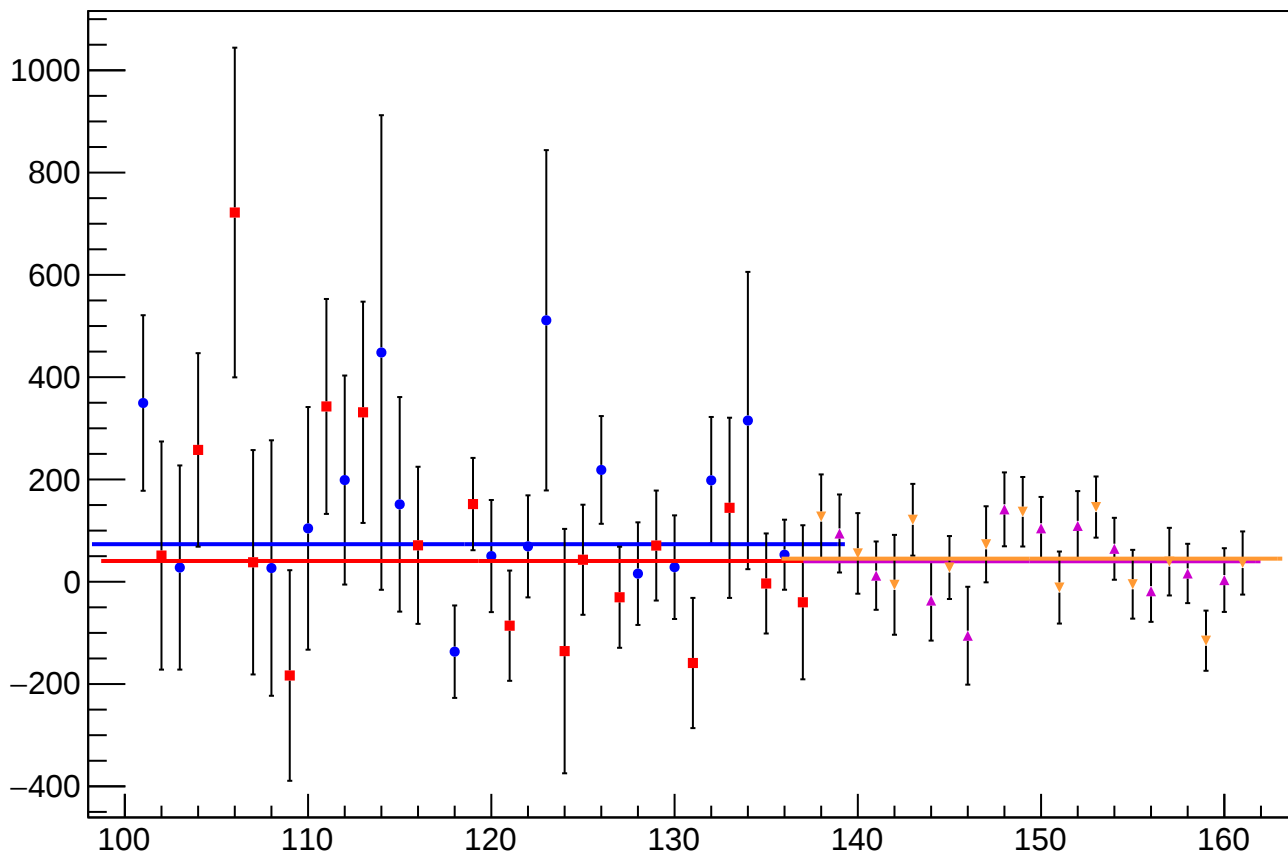
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 849.972+/-0.203 χ^2/NDF : 527801.0/10

Out: 864.113+/-0.198 χ^2/NDF : 602508.9/12

All: 857.228+/-0.142 χ^2/NDF : 1132792.1/23

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: 45.162 $\pm$ 19.035 χ^2 /NDF:16.0/12

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 40.035 $\pm$ 20.211 χ^2 /NDF:9.7/10

Left: 42.752 $\pm$ 13.857 χ^2 /NDF: 25.8/23

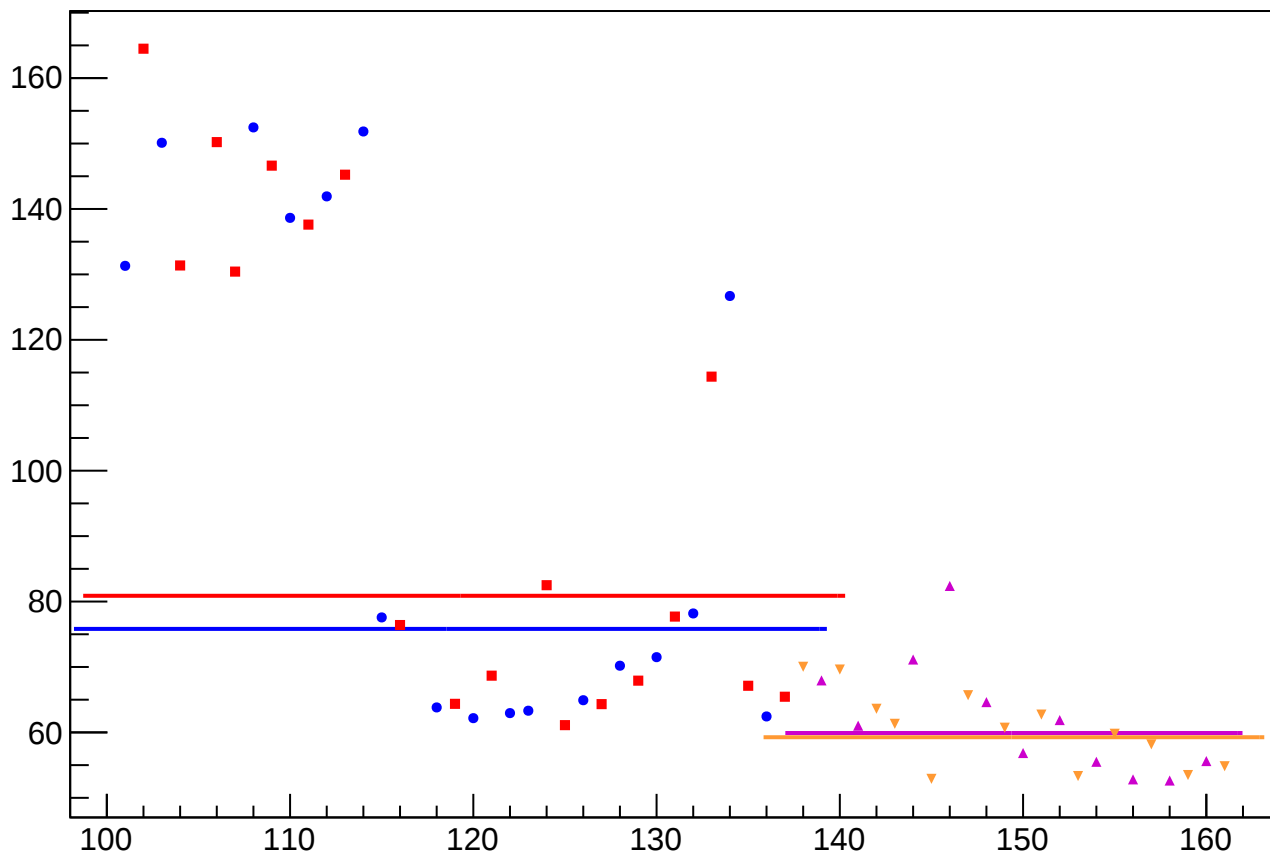
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 49.973 $\pm$ 16.940 χ^2 /NDF:25.8/27

Out: 44.009 $\pm$ 16.456 χ^2 /NDF:34.2/30

All: 46.905 $\pm$ 11.804 χ^2 /NDF: 60.1/58

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 59.262 $\pm$ 0.013 χ^2 /NDF:166241.2/12

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 59.909 $\pm$ 0.014 χ^2 /NDF:268862.4/10

Left: 59.566 $\pm$ 0.010 χ^2 /NDF: 436189.1/23

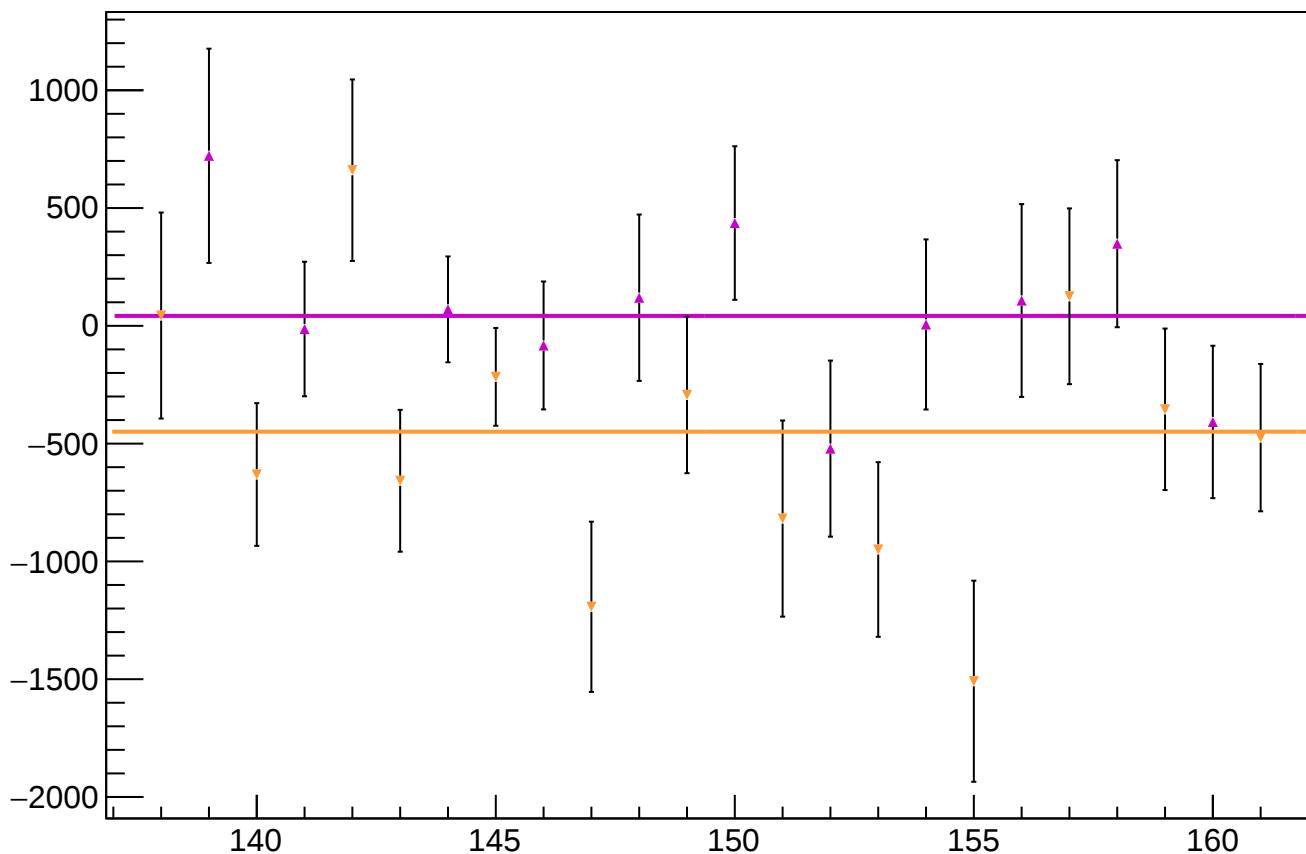
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 64.641 $\pm$ 0.012 χ^2 /NDF:1987540.6/27

Out: 64.722 $\pm$ 0.012 χ^2 /NDF:2343919.7/30

All: 64.683 $\pm$ 0.008 χ^2 /NDF: 4331483.8/58

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.327+/-91.947 χ^2/NDF :27.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.109+/-97.021 χ^2/NDF :9.0/10

Left: -216.796+/-66.738 χ^2/NDF : 49.9/23

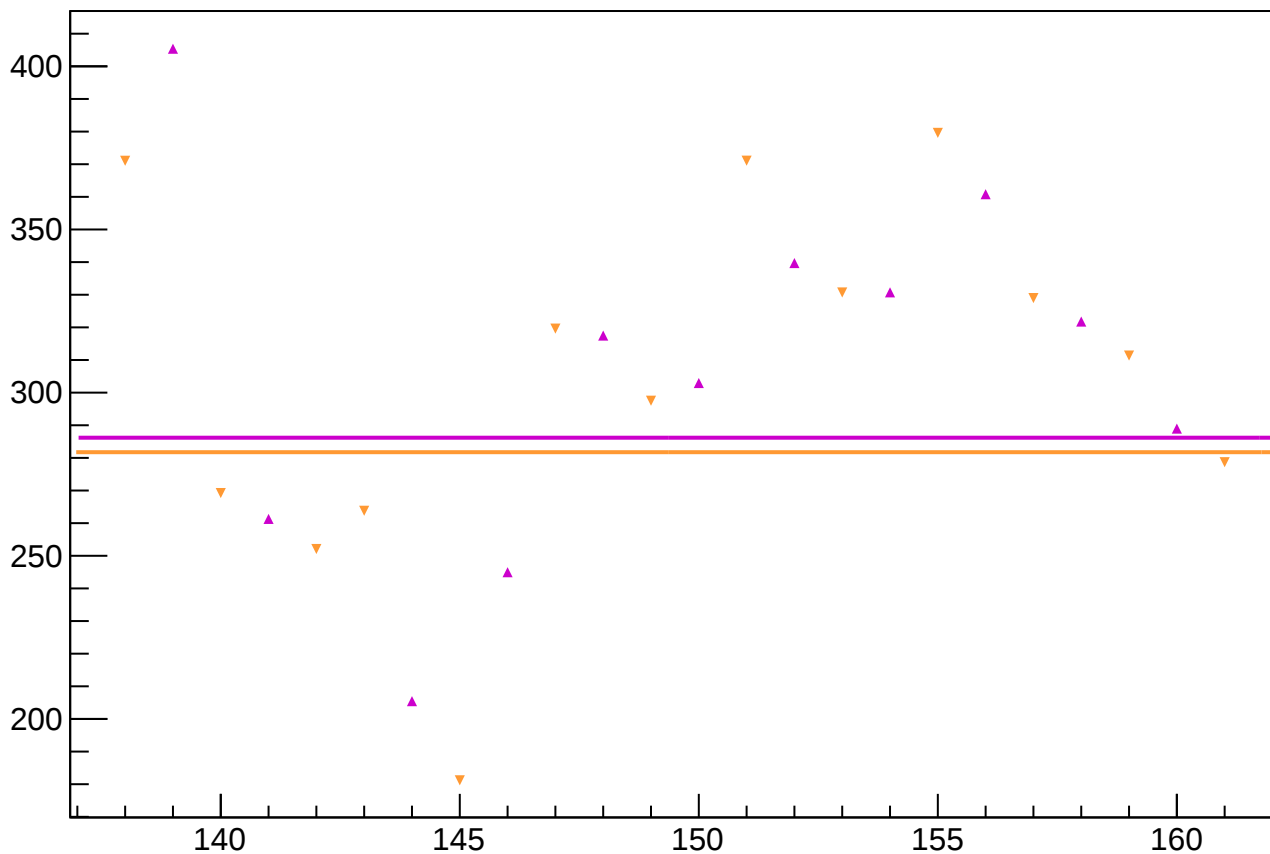
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.109+/-97.021 χ^2/NDF :9.0/10

Out: -449.327+/-91.947 χ^2/NDF :27.3/12

All: -216.796+/-66.738 χ^2/NDF : 49.9/23

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.187+/-0.069 χ^2/NDF :636456.7/10

Left: 283.848+/-0.047 χ^2/NDF : 1519783.5/23

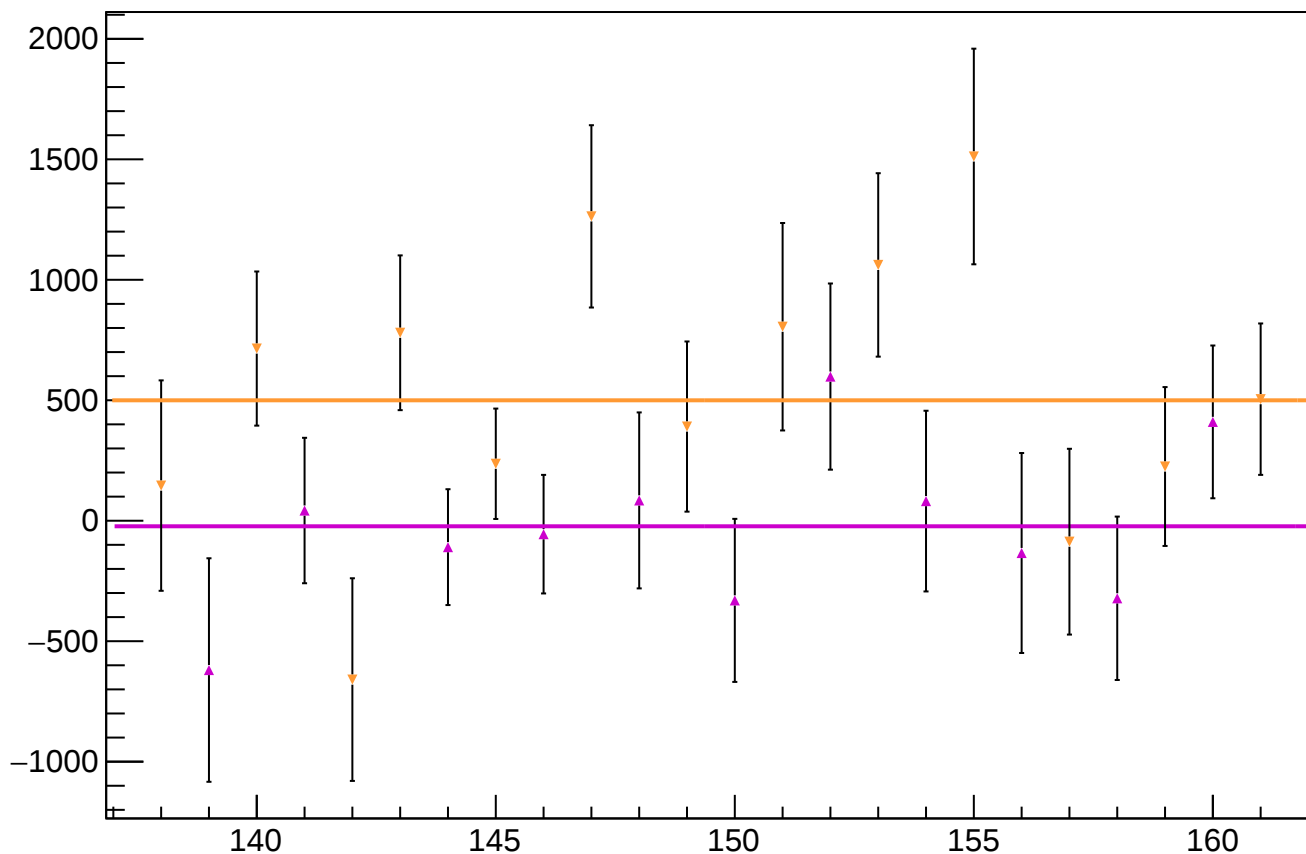
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.187+/-0.069 χ^2/NDF :636456.7/10

Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

All: 283.848+/-0.047 χ^2/NDF : 1519783.5/23

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 499.786+/-96.328 χ^2/NDF :25.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.055+/-98.085 χ^2/NDF :8.1/10

Left: 243.091+/-68.727 χ^2/NDF : 48.4/23

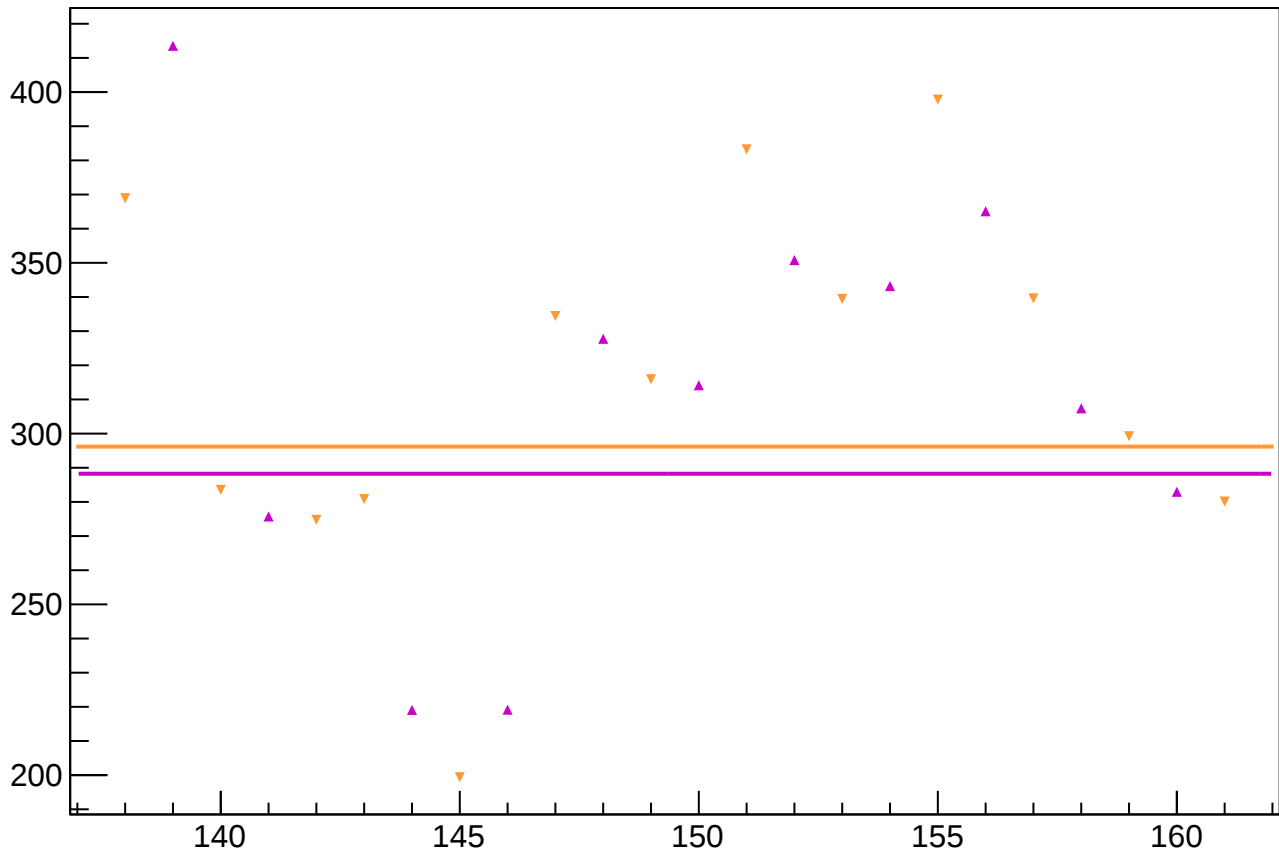
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.055+/-98.085 χ^2/NDF :8.1/10

Out: 499.786+/-96.328 χ^2/NDF :25.8/12

All: 243.091+/-68.727 χ^2/NDF : 48.4/23

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

Left: 292.296+/-0.049 χ^2/NDF : 1378776.1/23

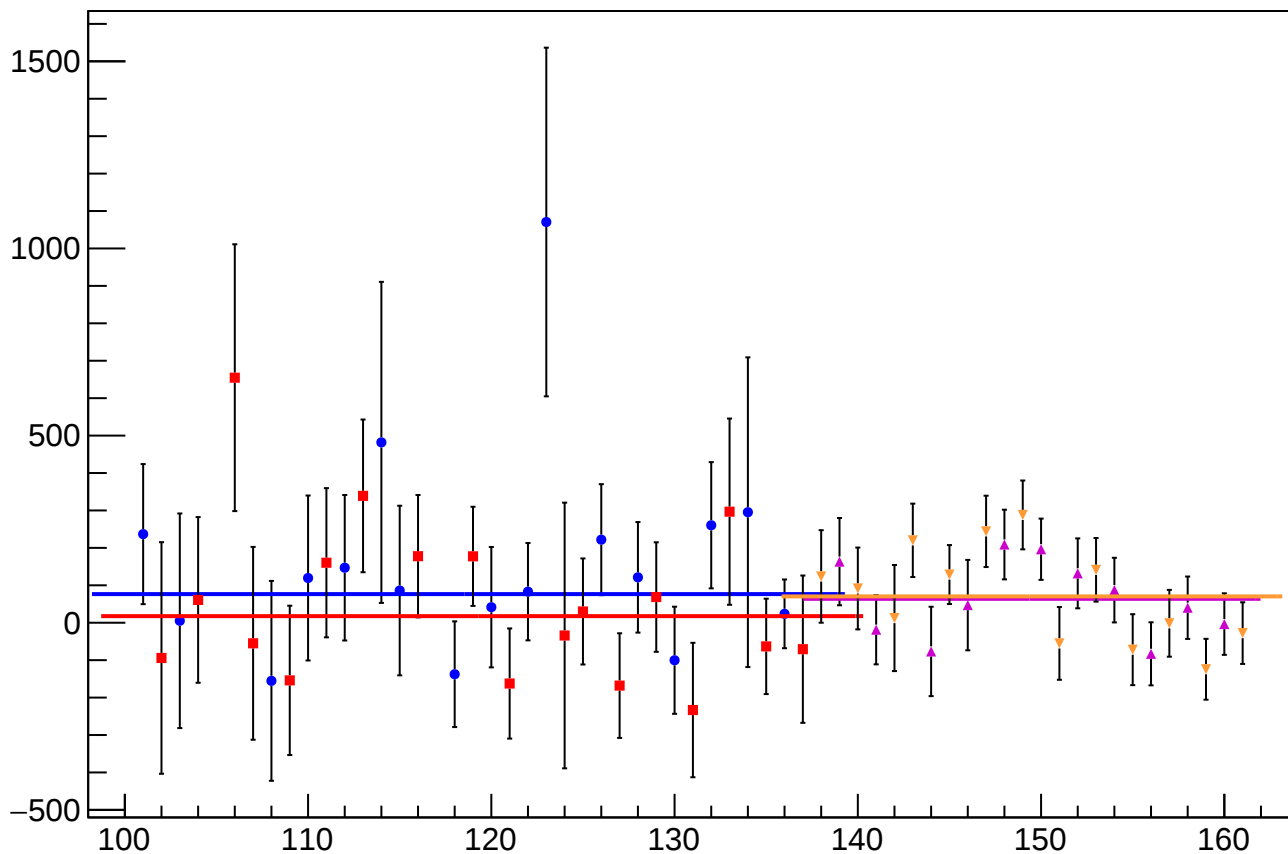
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.254+/-0.069 χ^2/NDF : 678522.2/10

Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

All: 292.296+/-0.049 χ^2/NDF : 1378776.1/23

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 70.347 $\pm$ 26.062 χ^2 /NDF:24.6/12

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 63.896 $\pm$ 28.004 χ^2 /NDF:12.4/10

Left: 67.353 $\pm$ 19.078 χ^2 /NDF: 37.0/23

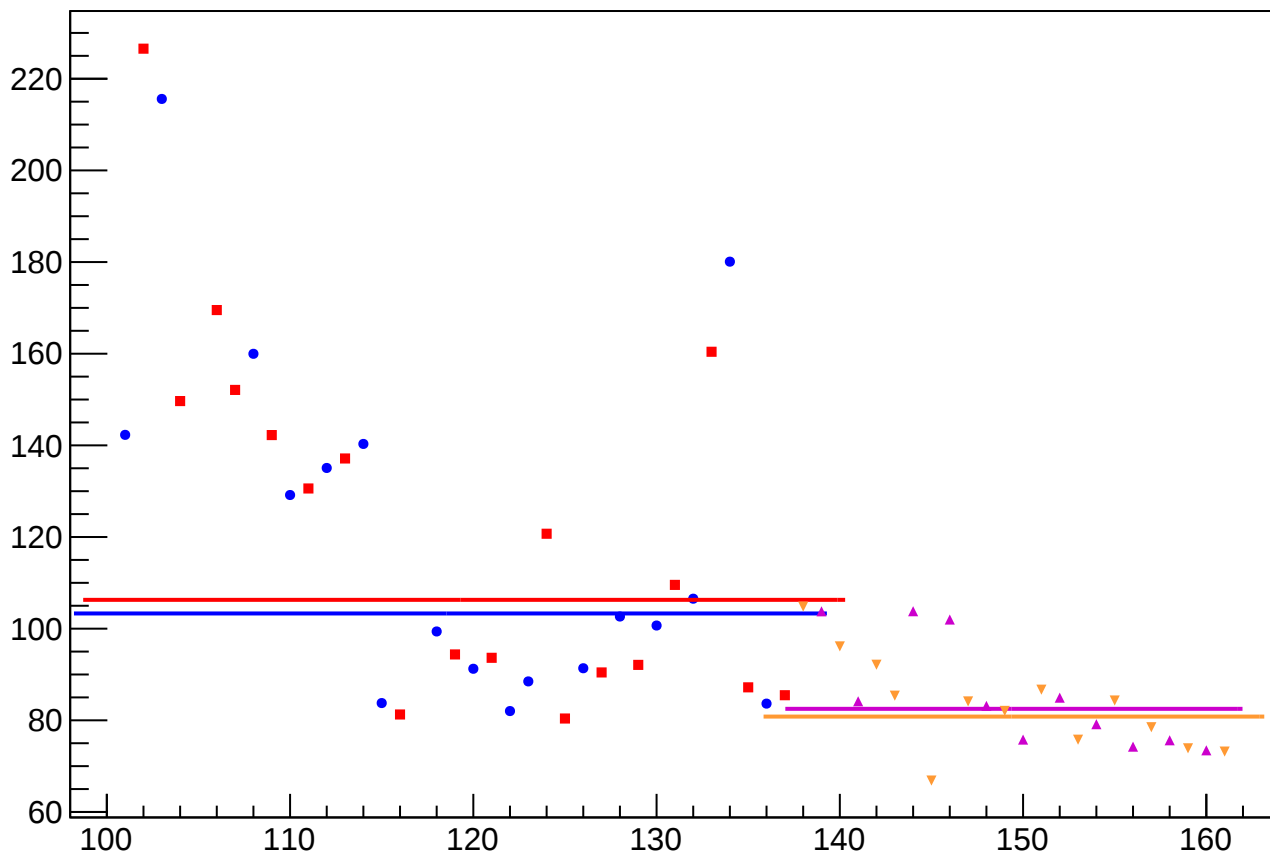
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 67.833 $\pm$ 23.223 χ^2 /NDF:26.3/27

Out: 55.833 $\pm$ 22.188 χ^2 /NDF:42.6/30

All: 61.560 $\pm$ 16.043 χ^2 /NDF: 69.0/58

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: 80.816 $\pm$ 0.018 χ^2 /NDF:247479.4/12

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 82.507 $\pm$ 0.020 χ^2 /NDF:257836.5/10

Left: 81.601 $\pm$ 0.013 χ^2 /NDF: 509225.5/23

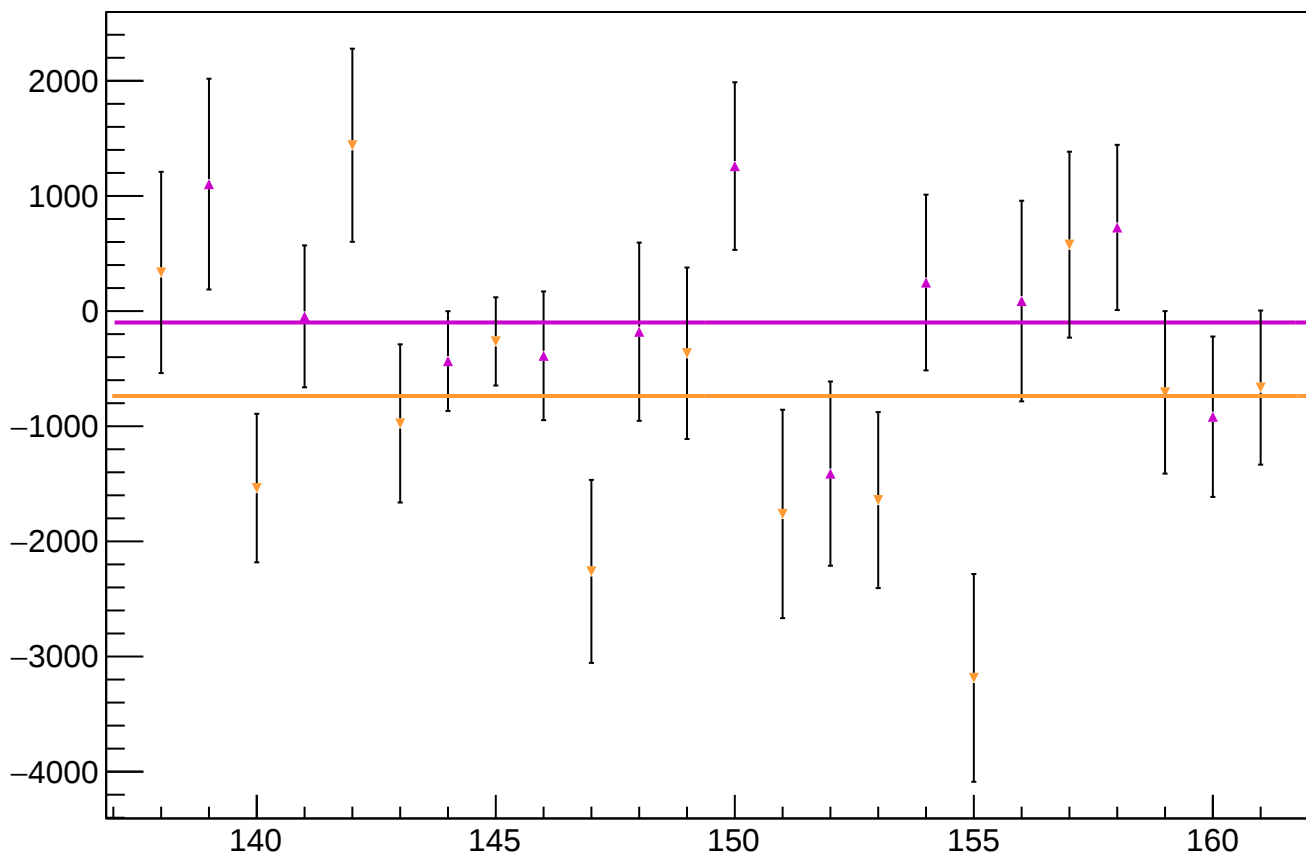
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 89.006 $\pm$ 0.016 χ^2 /NDF:1440554.9/27

Out: 87.825 $\pm$ 0.016 χ^2 /NDF:1773964.9/30

All: 88.389 $\pm$ 0.011 χ^2 /NDF: 3217221.5/58

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -737.387 $\pm$ 191.081 χ^2 /NDF:28.1/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -98.876 $\pm$ 201.965 χ^2 /NDF:11.7/10

Left: -435.798 $\pm$ 138.803 χ^2 /NDF: 45.1/23

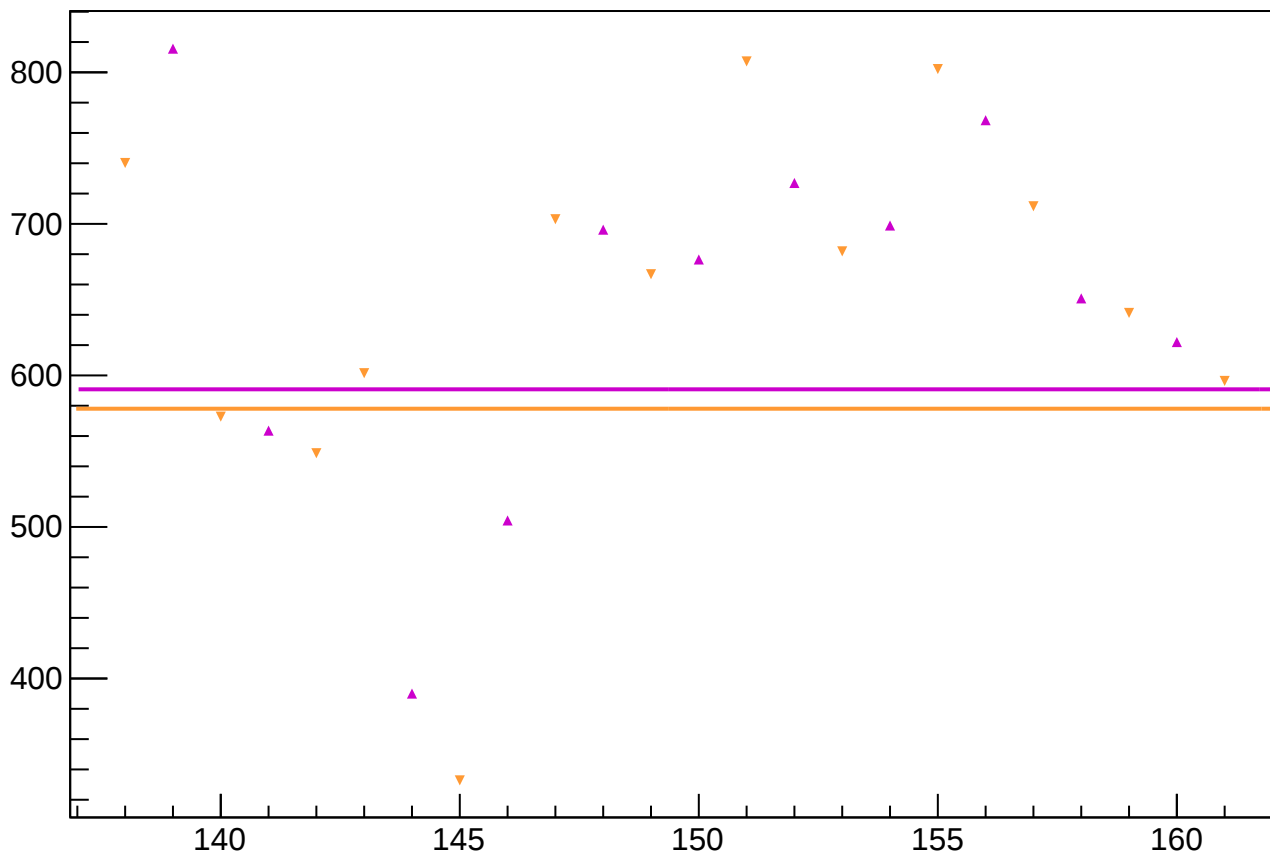
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -98.876 $\pm$ 201.965 χ^2 /NDF:11.7/10

Out: -737.387 $\pm$ 191.081 χ^2 /NDF:28.1/12

All: -435.798 $\pm$ 138.803 χ^2 /NDF: 45.1/23

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 590.832+/-0.143 χ^2/NDF :866037.3/10

Left: 584.078+/-0.098 χ^2/NDF : 2202490.9/23

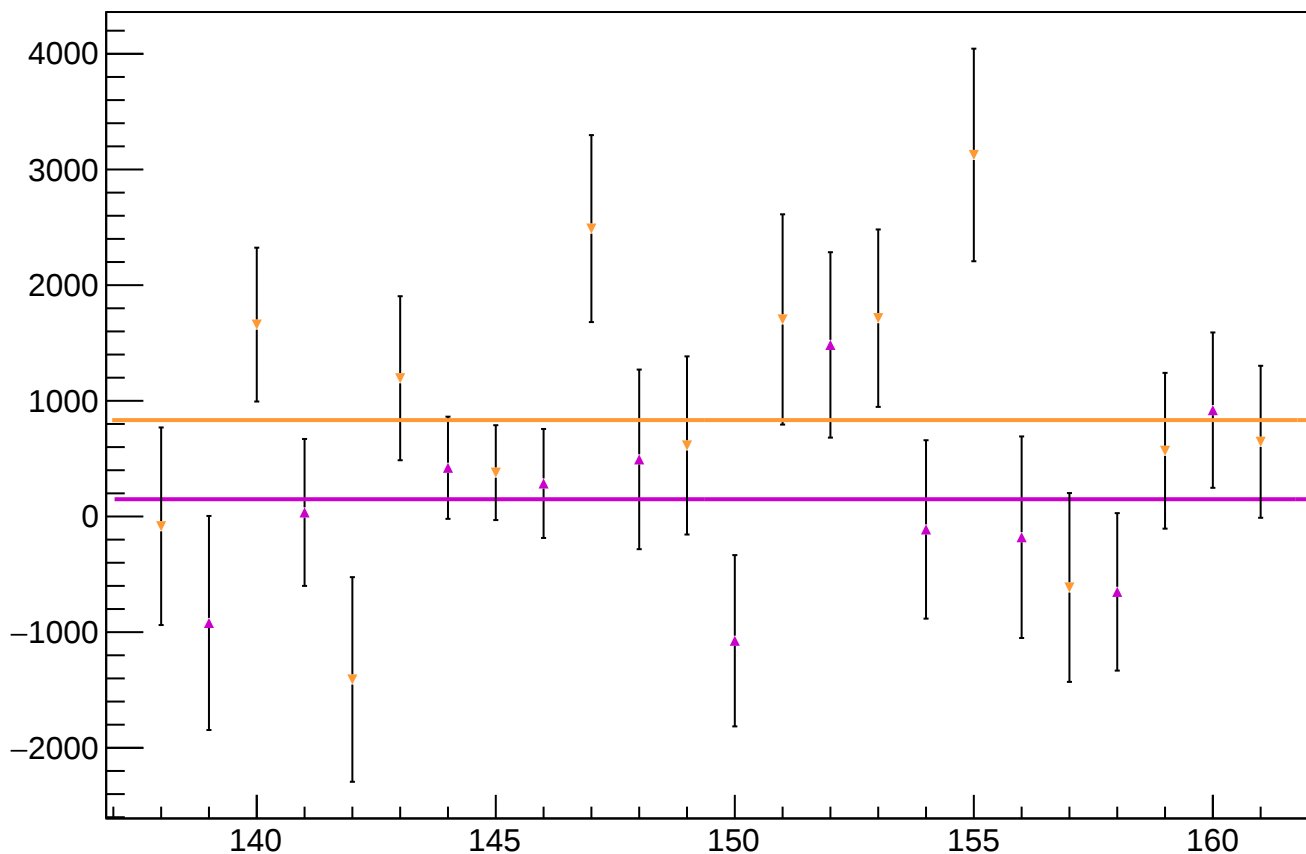
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 590.832+/-0.143 χ^2/NDF :866037.3/10

Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

All: 584.078+/-0.098 χ^2/NDF : 2202490.9/23

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 833.394 ± 195.438 $\chi^2/\text{NDF}: 26.7/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 149.274 ± 197.287 $\chi^2/\text{NDF}: 10.5/10$

Left: 494.556 ± 138.845 $\chi^2/\text{NDF}: 43.3/23$

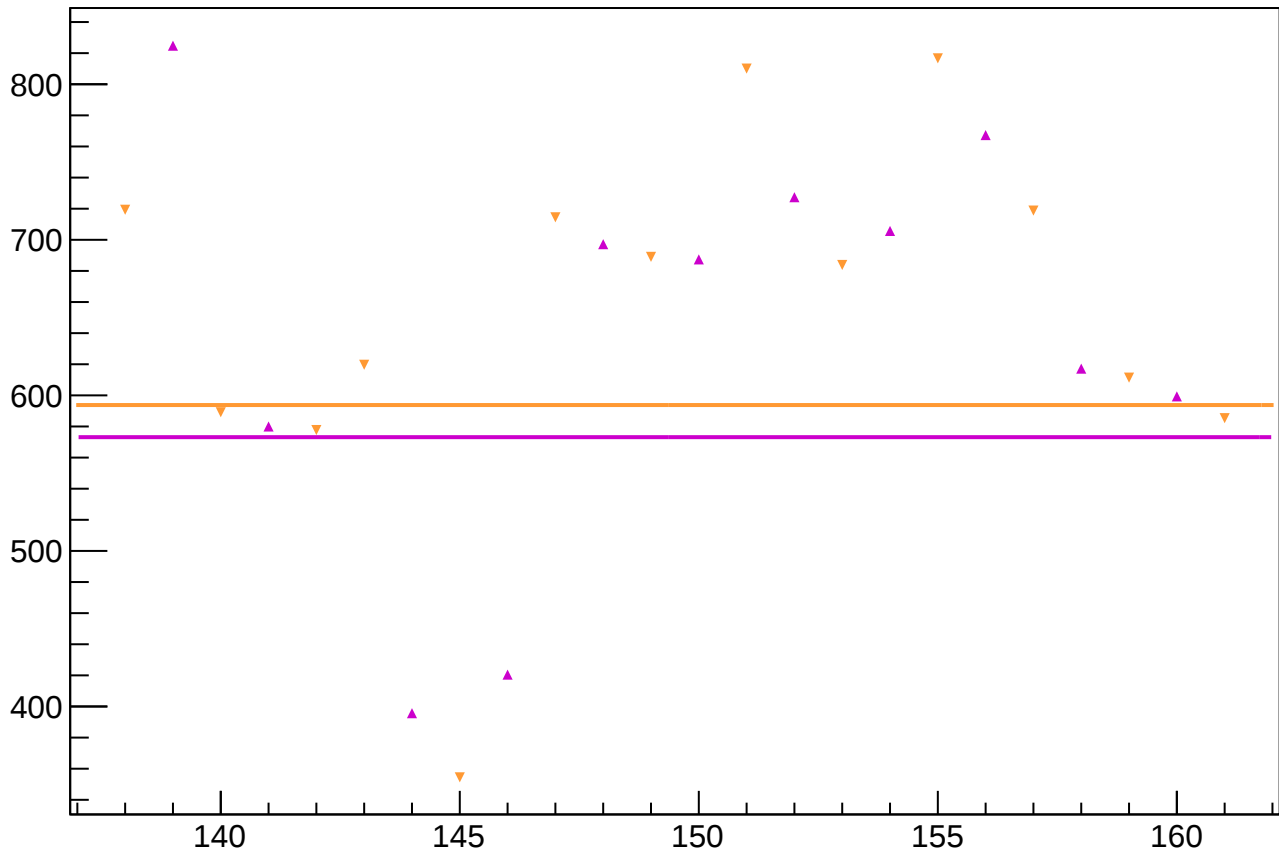
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 149.274 ± 197.287 $\chi^2/\text{NDF}: 10.5/10$

Out: 833.394 ± 195.438 $\chi^2/\text{NDF}: 26.7/12$

All: 494.556 ± 138.845 $\chi^2/\text{NDF}: 43.3/23$

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

Left: 583.554+/-0.098 χ^2/NDF : 2145067.5/23

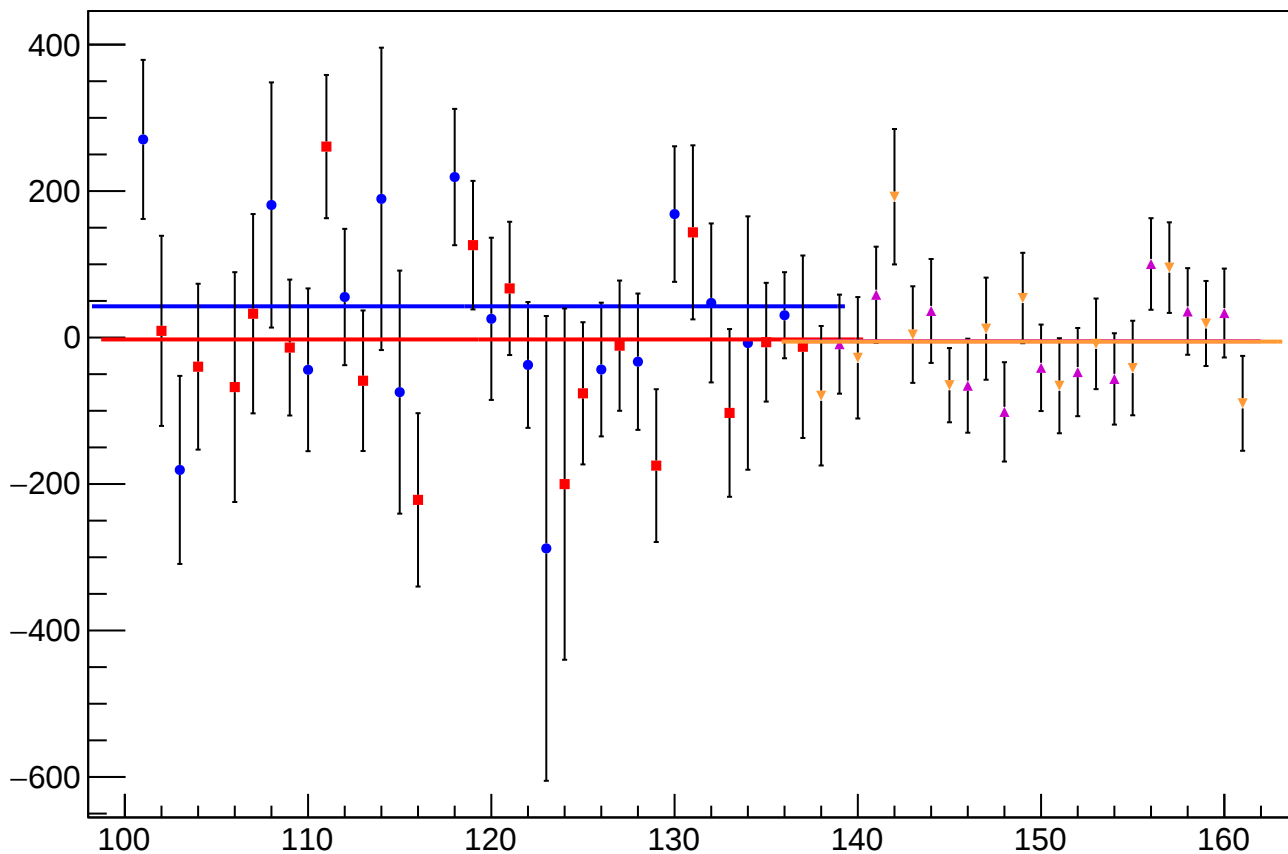
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 573.132+/-0.140 χ^2/NDF :1023675.4/10

Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

All: 583.554+/-0.098 χ^2/NDF : 2145067.5/23

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 $\chi^2/\text{NDF}: 18.9/16$

Left Out: -5.531 ± 18.272 $\chi^2/\text{NDF}: 13.4/12$

Right Out: -2.576 ± 25.088 $\chi^2/\text{NDF}: 20.4/17$

Left In: -4.972 ± 19.097 $\chi^2/\text{NDF}: 9.5/10$

Left: -5.263 ± 13.202 $\chi^2/\text{NDF}: 22.8/23$

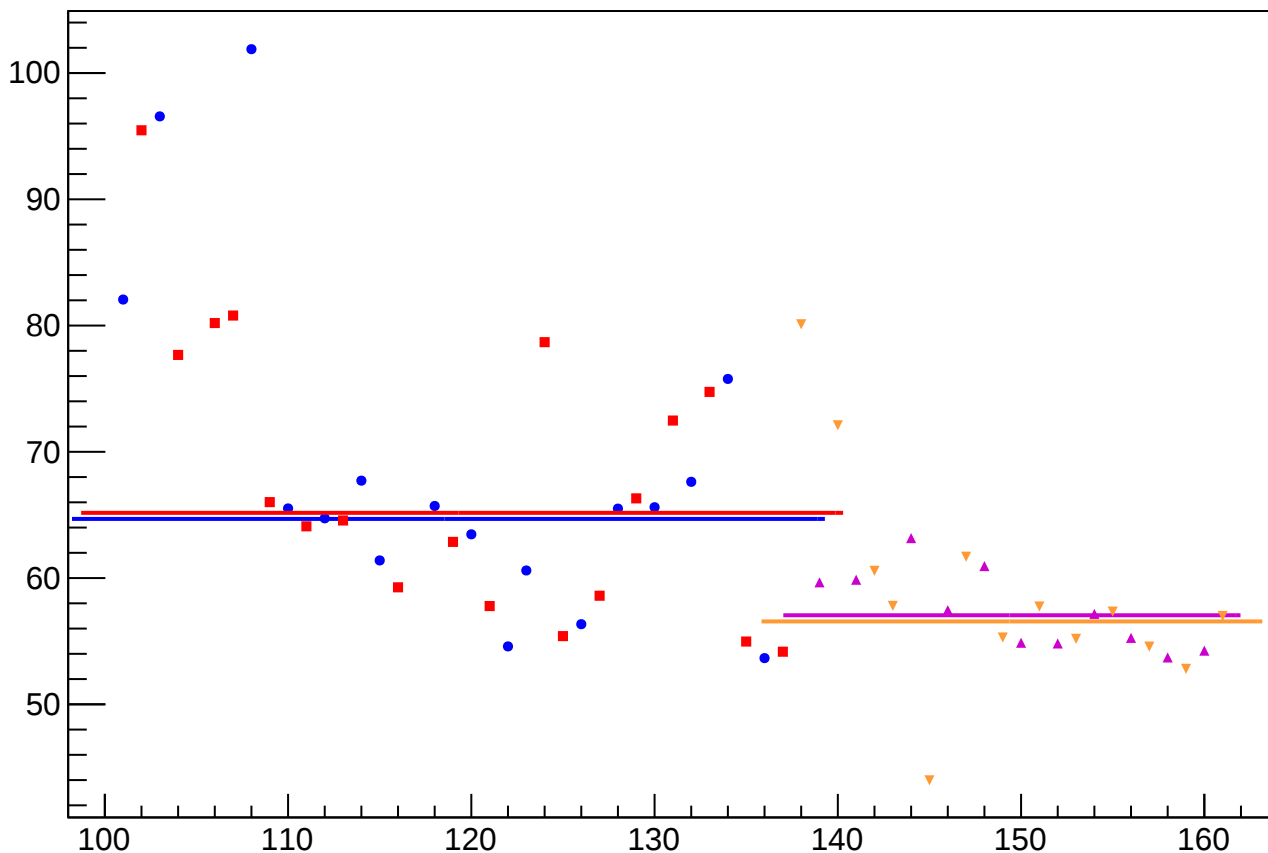
Right: 19.683 ± 17.879 $\chi^2/\text{NDF}: 40.9/34$

In: 12.153 ± 15.282 $\chi^2/\text{NDF}: 30.6/27$

Out: -4.507 ± 14.770 $\chi^2/\text{NDF}: 33.8/30$

All: 3.539 ± 10.620 $\chi^2/\text{NDF}: 65.0/58$

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.567 $\pm$ 0.013 χ^2 /NDF:344338.4/12

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.054 $\pm$ 0.014 χ^2 /NDF:45931.0/10

Left: 56.800 $\pm$ 0.009 χ^2 /NDF: 390949.1/23

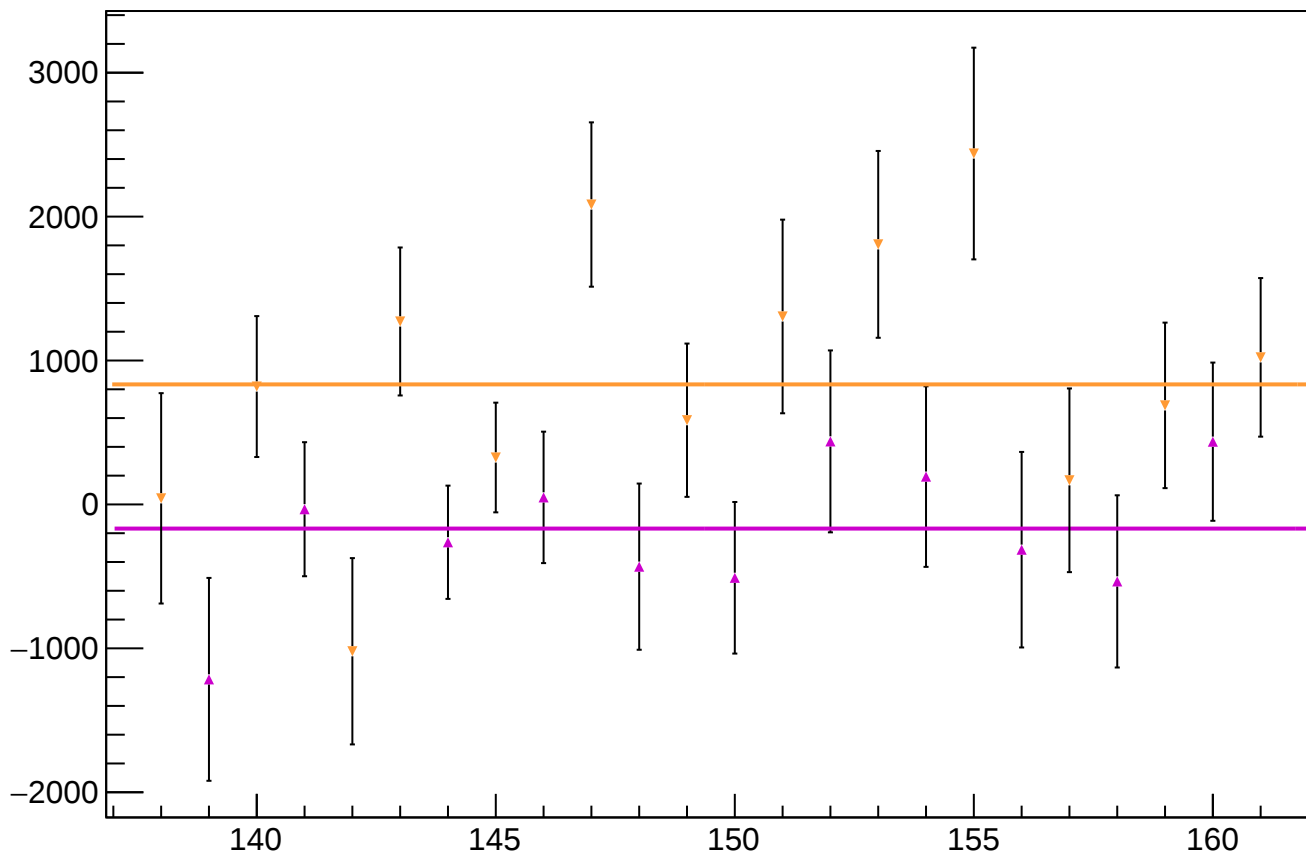
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.798 $\pm$ 0.011 χ^2 /NDF:560961.0/27

Out: 59.548 $\pm$ 0.010 χ^2 /NDF:802495.0/30

All: 59.669 $\pm$ 0.008 χ^2 /NDF: 1363733.9/58

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: 834.086+/-156.375 χ^2/NDF :25.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -167.796+/-162.664 χ^2/NDF :6.1/10

Left: 352.888+/-112.731 χ^2/NDF : 51.5/23

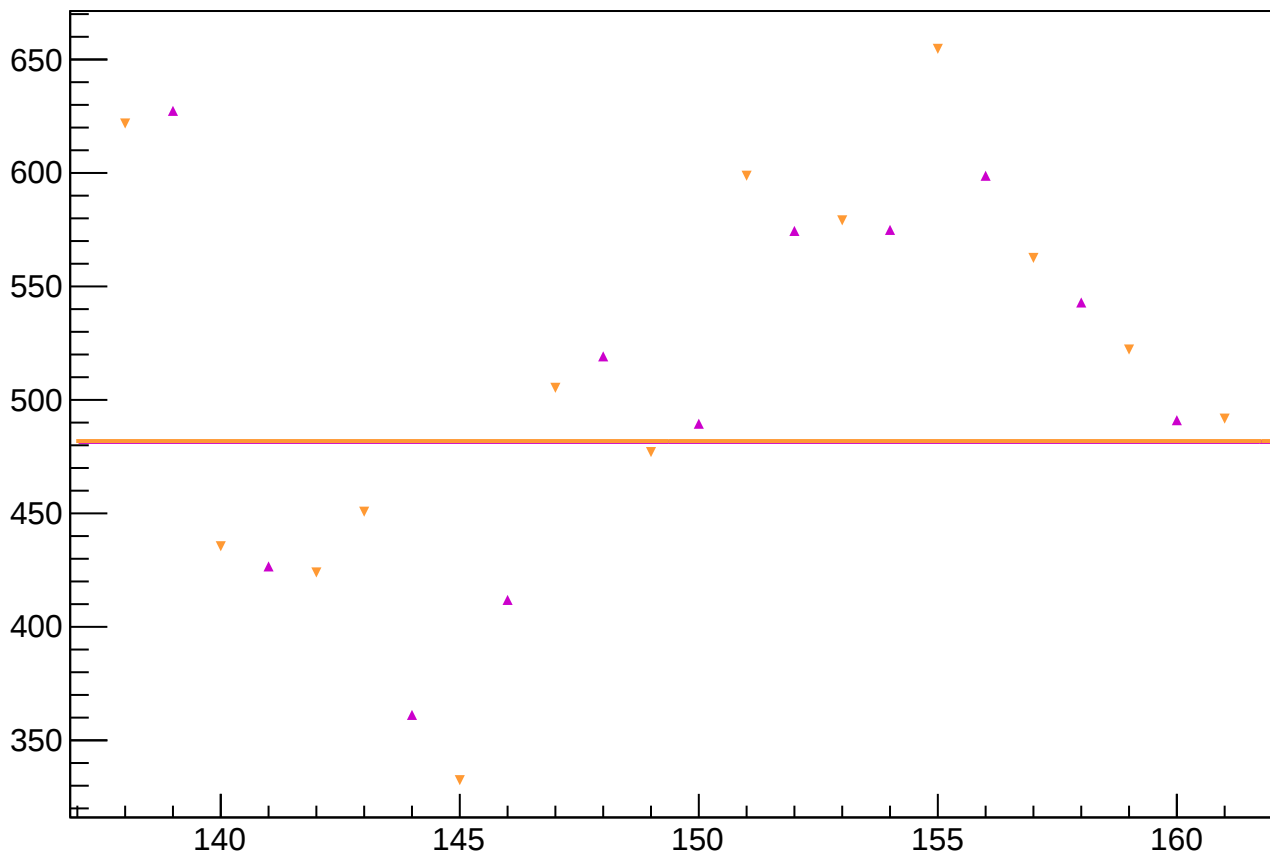
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -167.796+/-162.664 χ^2/NDF :6.1/10

Out: 834.086+/-156.375 χ^2/NDF :25.7/12

All: 352.888+/-112.731 χ^2/NDF : 51.5/23

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: 481.863+/-0.111 χ^2/NDF :683750.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 481.481+/-0.115 χ^2/NDF :524665.2/10

Left: 481.680+/-0.080 χ^2/NDF : 1208421.0/23

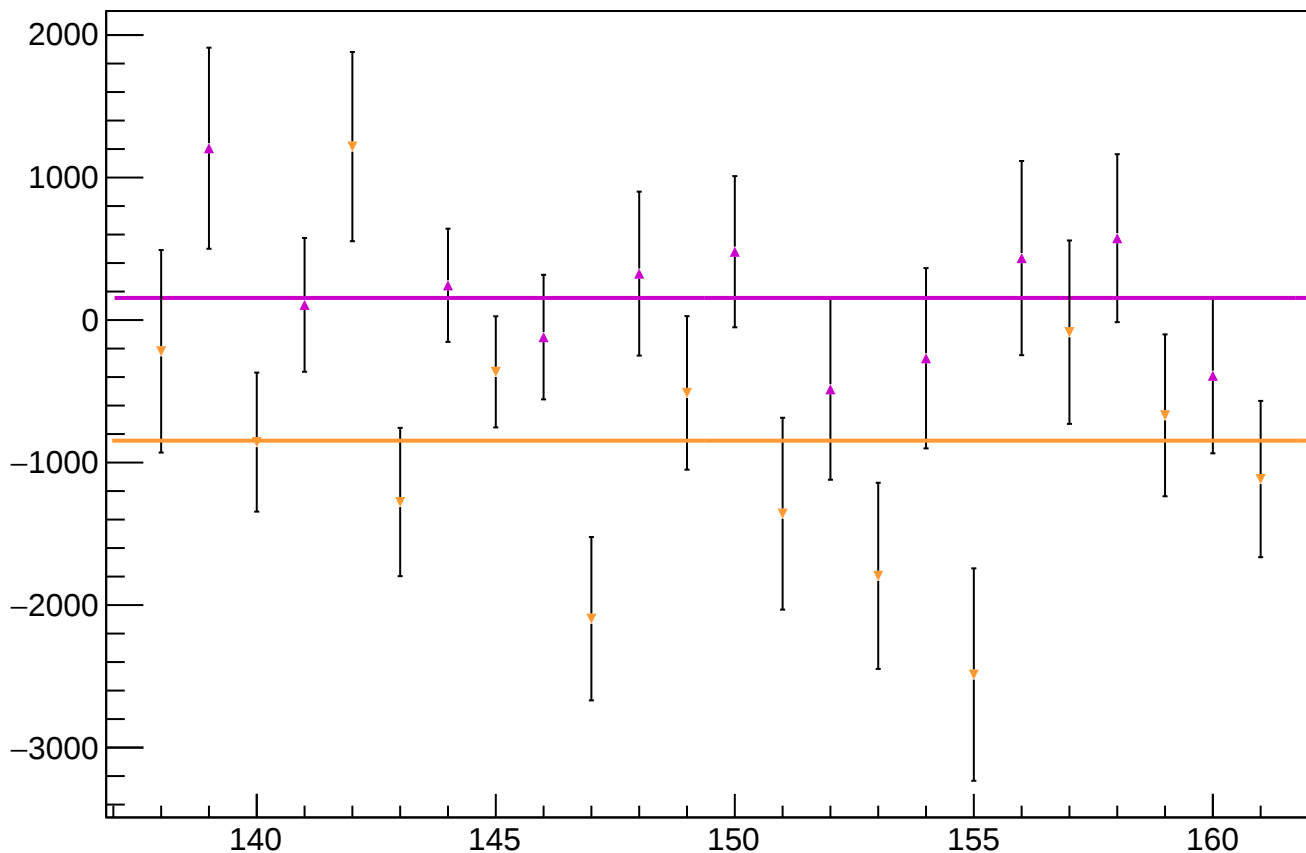
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.481+/-0.115 χ^2/NDF :524665.2/10

Out: 481.863+/-0.111 χ^2/NDF :683750.1/12

All: 481.680+/-0.080 χ^2/NDF : 1208421.0/23

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -846.294+/-157.324 χ^2/NDF :27.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 155.212+/-162.056 χ^2/NDF :6.3/10

Left: -360.377+/-112.881 χ^2/NDF : 53.0/23

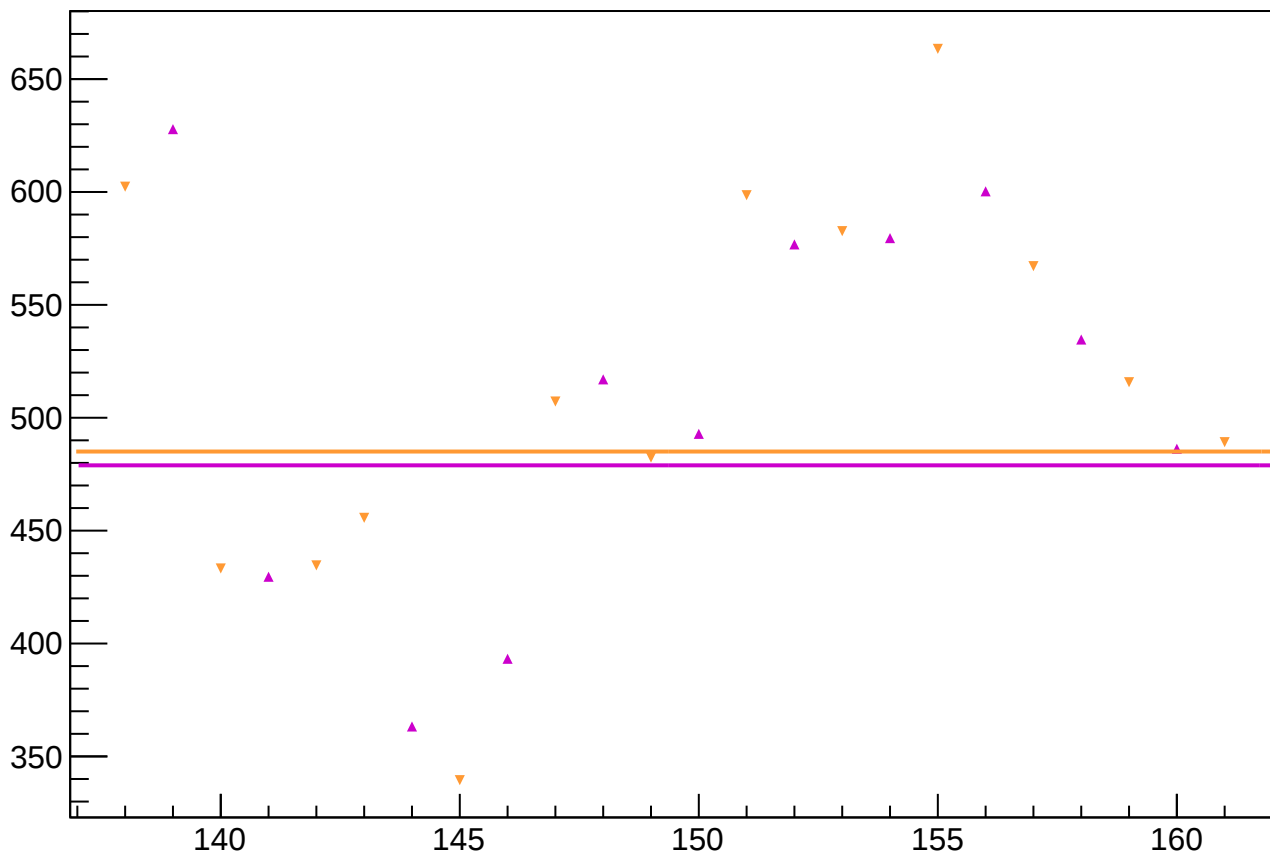
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.212+/-162.056 χ^2/NDF :6.3/10

Out: -846.294+/-157.324 χ^2/NDF :27.1/12

All: -360.377+/-112.881 χ^2/NDF : 53.0/23

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.923+/-0.115 χ^2/NDF :547503.1/10

Left: 482.072+/-0.080 χ^2/NDF : 1180276.7/23

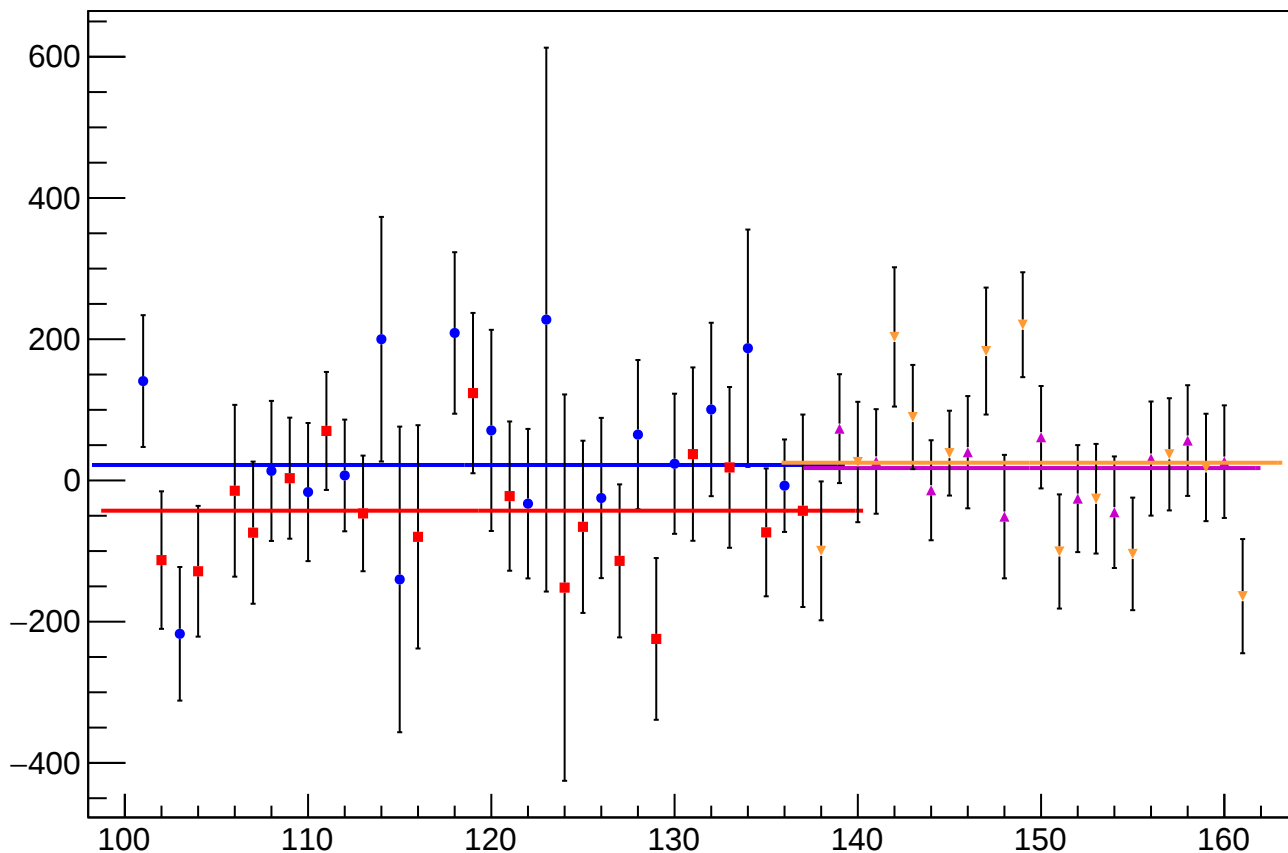
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.923+/-0.115 χ^2/NDF :547503.1/10

Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

All: 482.072+/-0.080 χ^2/NDF : 1180276.7/23

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 25.108 ± 21.978 $\chi^2/\text{NDF}: 26.7/12$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 17.535 ± 23.332 $\chi^2/\text{NDF}: 3.0/10$

Left: 21.547 ± 15.998 $\chi^2/\text{NDF}: 29.8/23$

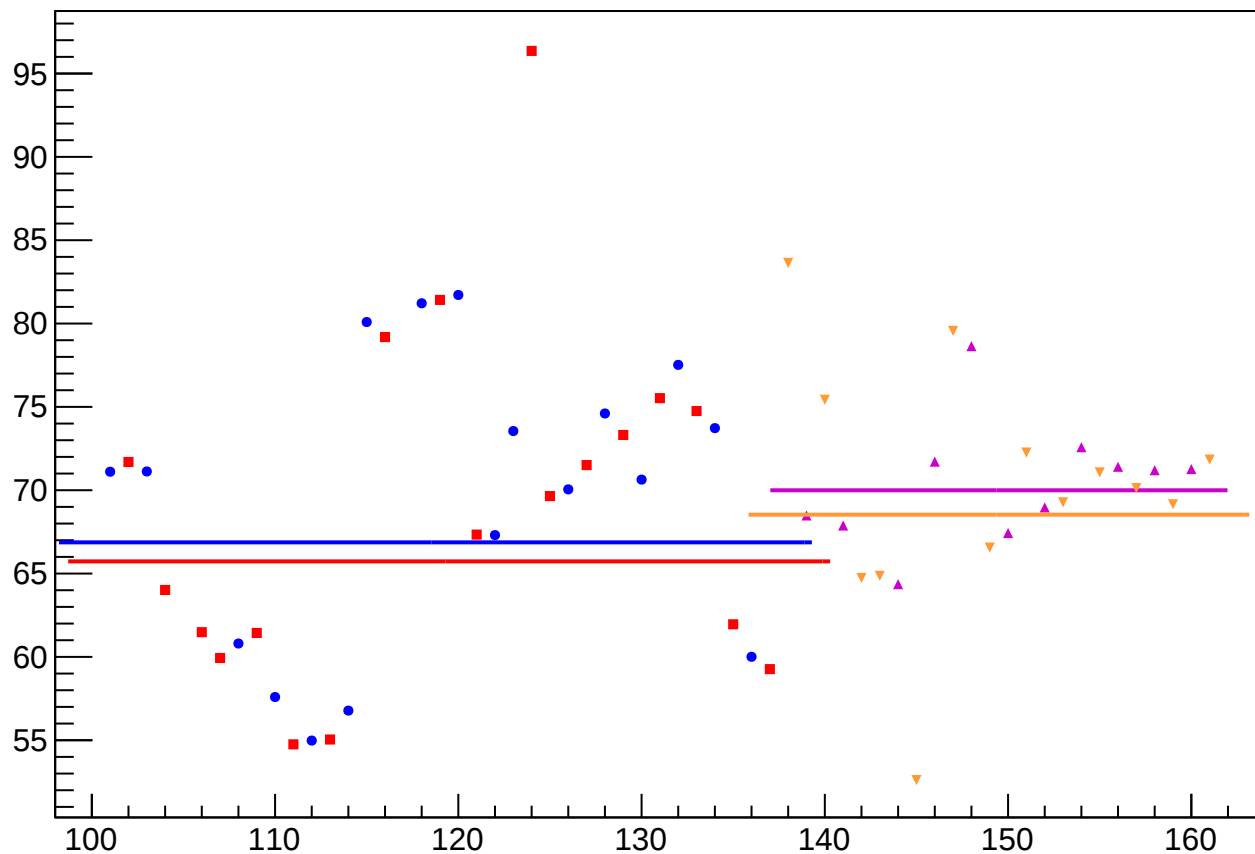
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 19.481 ± 17.382 $\chi^2/\text{NDF}: 18.1/27$

Out: -4.348 ± 16.540 $\chi^2/\text{NDF}: 40.7/30$

All: 6.975 ± 11.982 $\chi^2/\text{NDF}: 59.8/58$

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: 68.534 $\pm$ 0.016 χ^2 /NDF: 250932.1/12

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 69.996 $\pm$ 0.016 χ^2 /NDF: 42137.0/10

Left: 69.221 $\pm$ 0.011 χ^2 /NDF: 297233.9/23

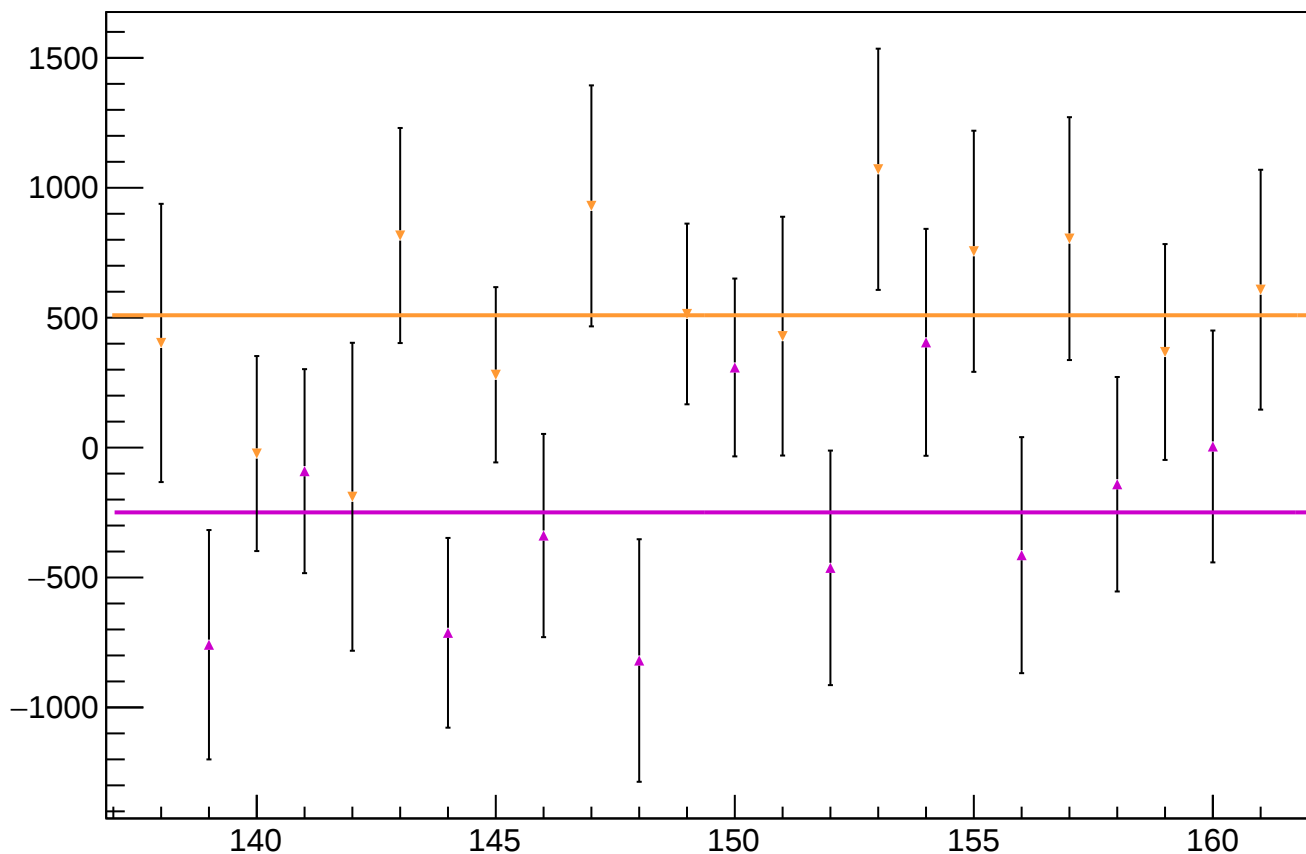
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 68.606 $\pm$ 0.012 χ^2 /NDF: 260611.5/27

Out: 67.318 $\pm$ 0.012 χ^2 /NDF: 483907.9/30

All: 67.930 $\pm$ 0.008 χ^2 /NDF: 750281.9/58

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 509.379+/-119.469 χ^2/NDF :7.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.341+/-124.348 χ^2/NDF :10.3/10

Left: 145.195+/-86.151 χ^2/NDF : 37.3/23

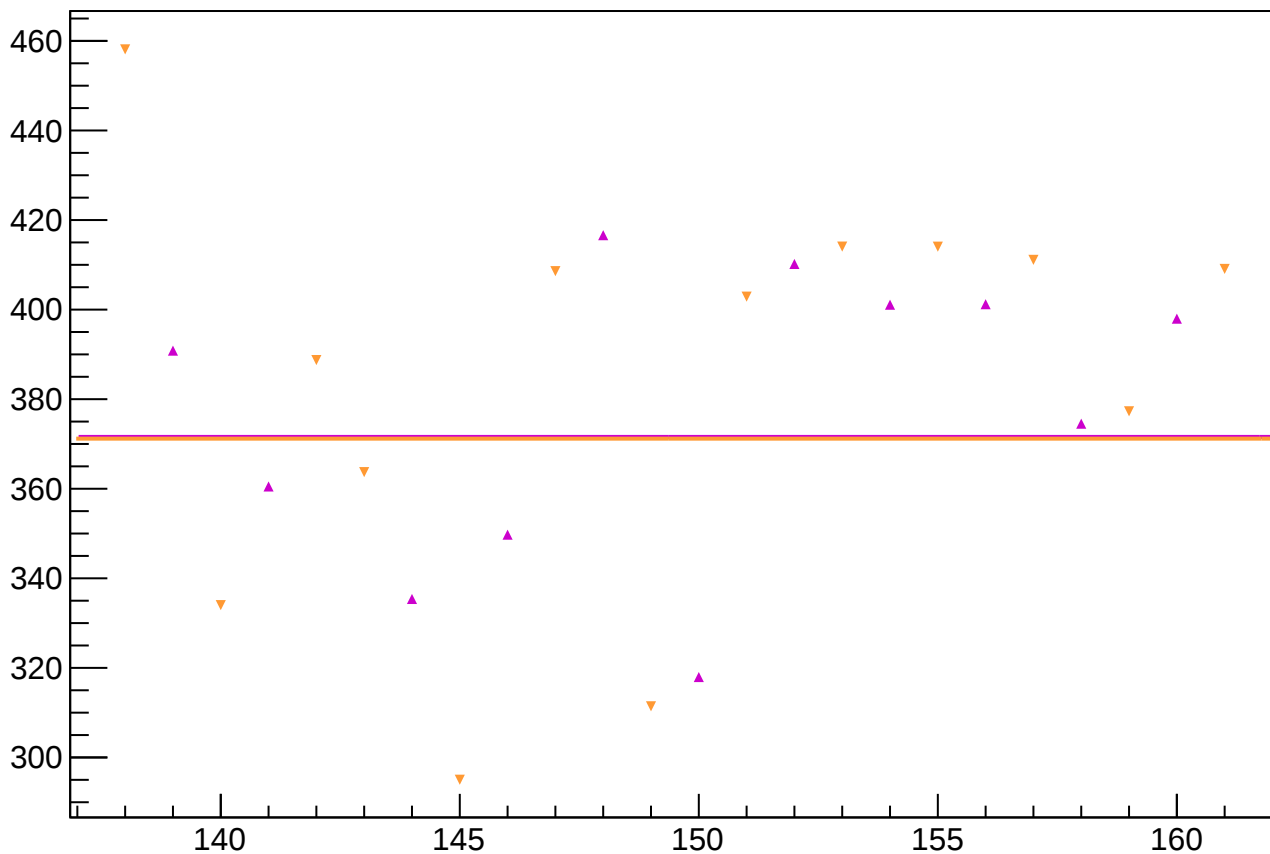
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.341+/-124.348 χ^2/NDF :10.3/10

Out: 509.379+/-119.469 χ^2/NDF :7.6/12

All: 145.195+/-86.151 χ^2/NDF : 37.3/23

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: 371.187+/-0.084 χ^2/NDF :320947.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 371.574+/-0.088 χ^2/NDF :138384.4/10

Left: 371.373+/-0.061 χ^2/NDF : 459342.2/23

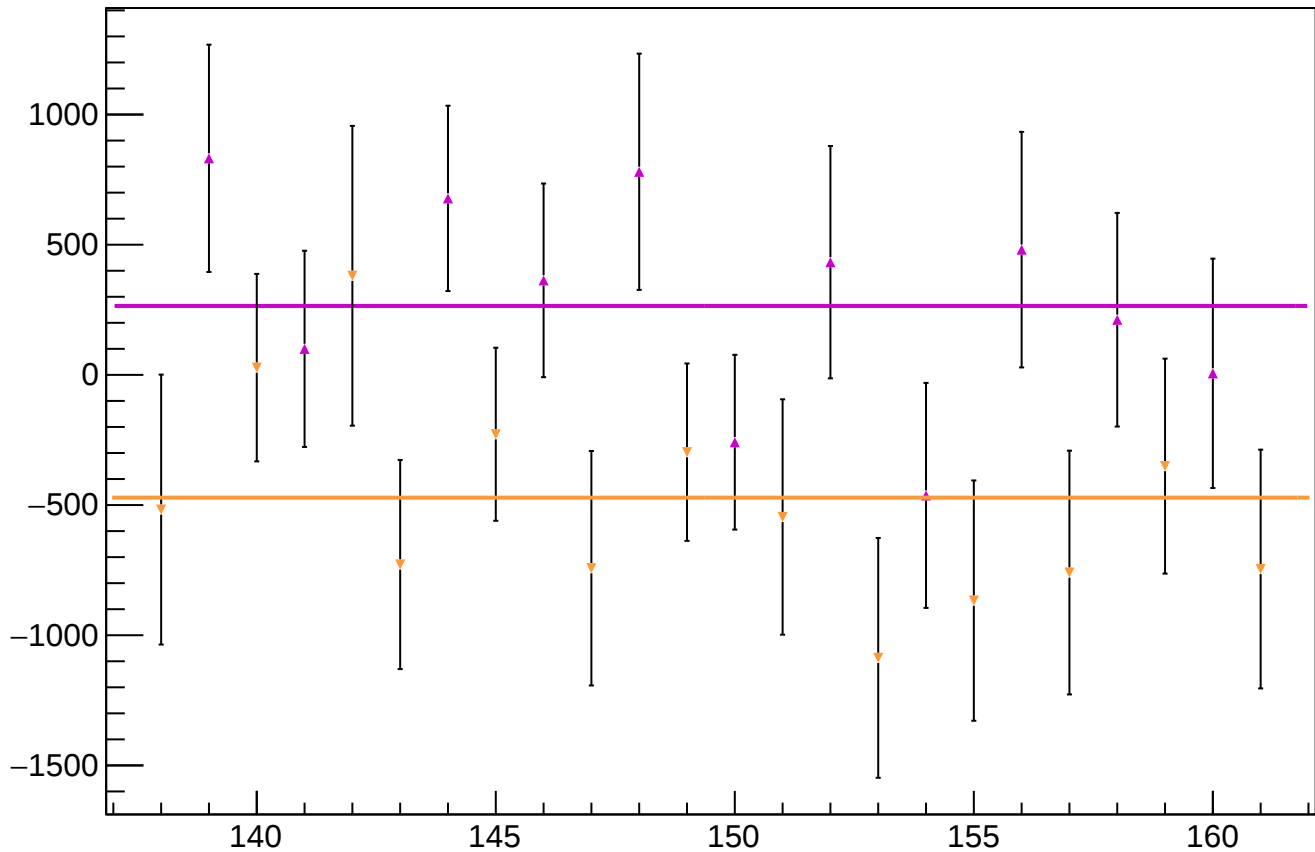
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 371.574+/-0.088 χ^2/NDF :138384.4/10

Out: 371.187+/-0.084 χ^2/NDF :320947.7/12

All: 371.373+/-0.061 χ^2/NDF : 459342.2/23

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -471.472+/-117.249 χ^2/NDF : 9.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 264.786+/-121.712 χ^2/NDF : 10.6/10

Left: -117.090+/-84.441 χ^2/NDF : 38.6/23

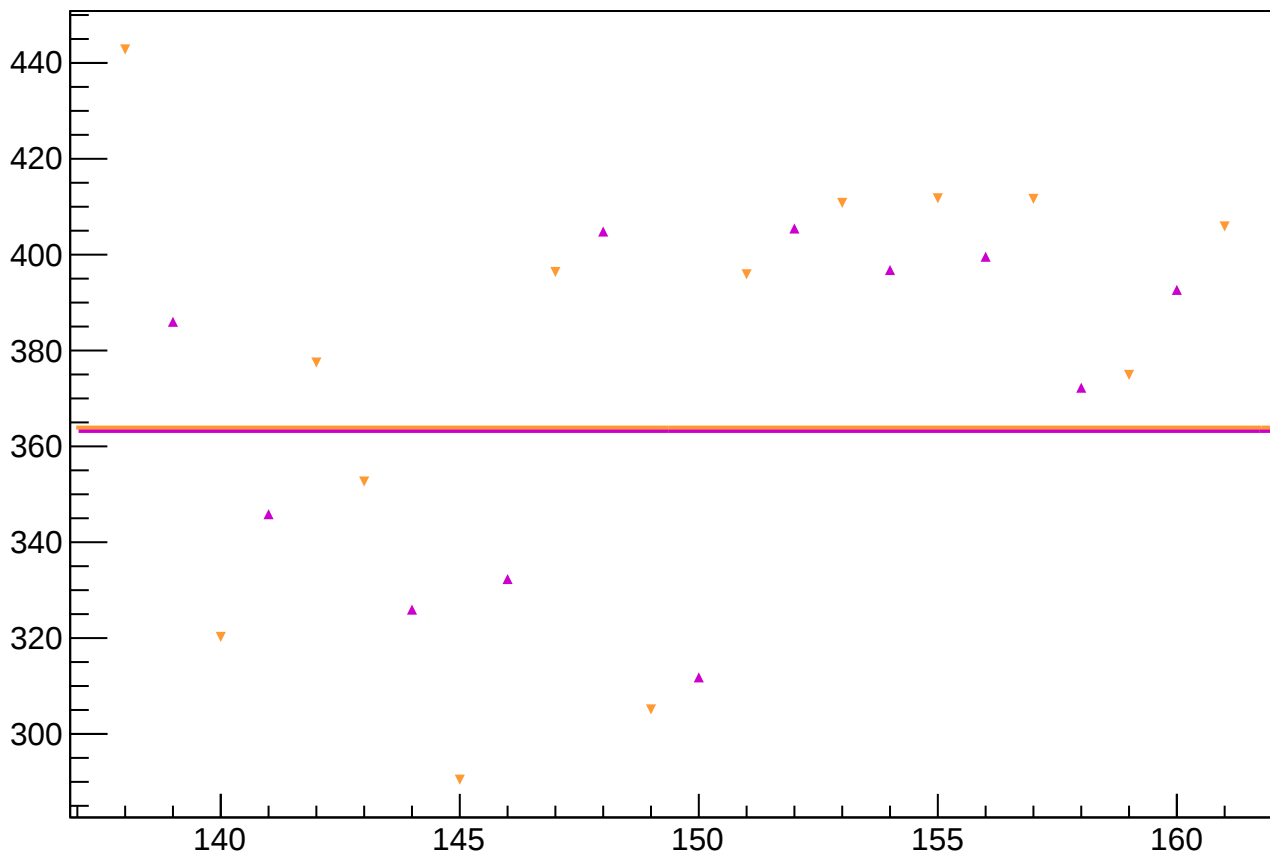
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 264.786+/-121.712 χ^2/NDF : 10.6/10

Out: -471.472+/-117.249 χ^2/NDF : 9.1/12

All: -117.090+/-84.441 χ^2/NDF : 38.6/23

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 363.224+/-0.086 χ^2/NDF :162003.7/10

Left: 363.585+/-0.060 χ^2/NDF : 499351.9/23

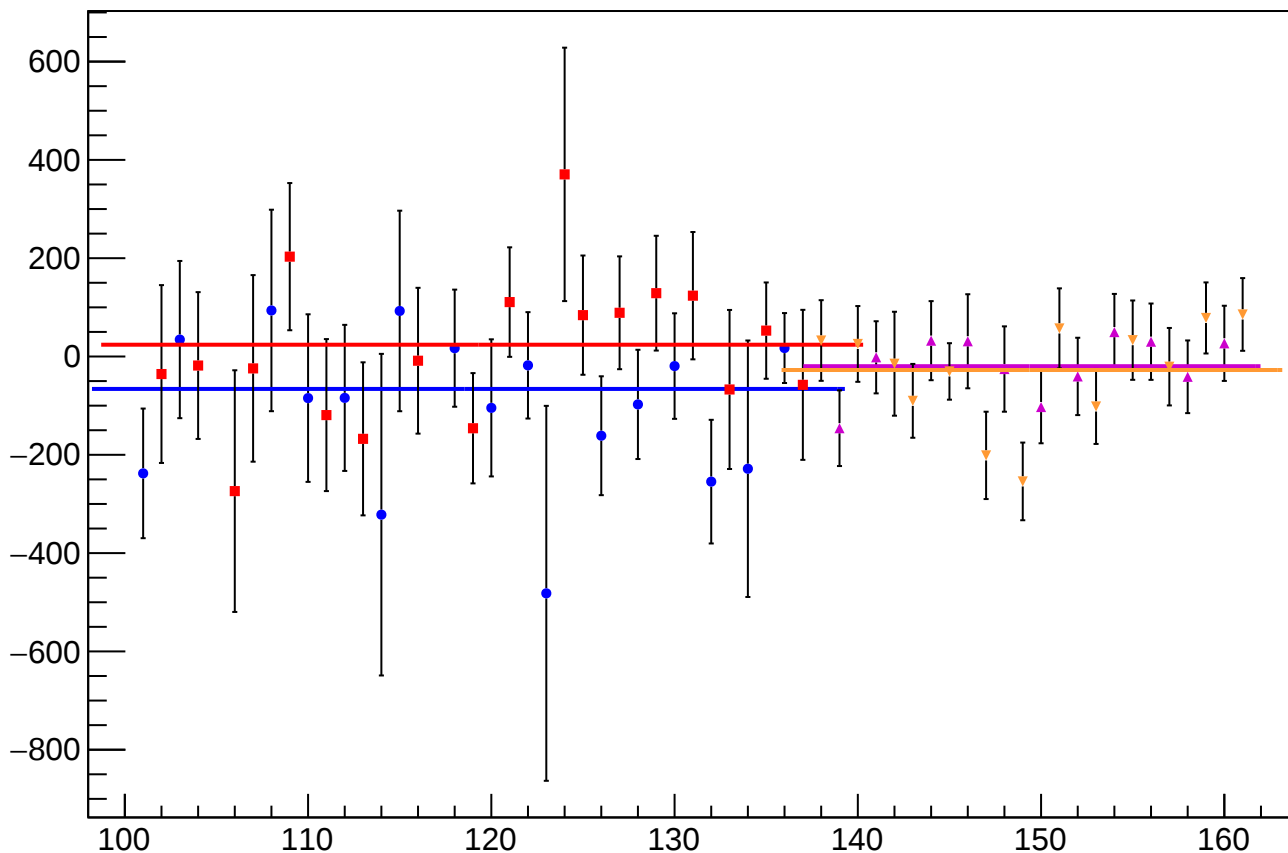
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 363.224+/-0.086 χ^2/NDF :162003.7/10

Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

All: 363.585+/-0.060 χ^2/NDF : 499351.9/23

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -27.473 ± 21.396 χ^2/NDF : 20.9/12

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -19.707 ± 23.691 χ^2/NDF : 6.5/10

Left: -23.984 ± 15.879 χ^2/NDF : 27.4/23

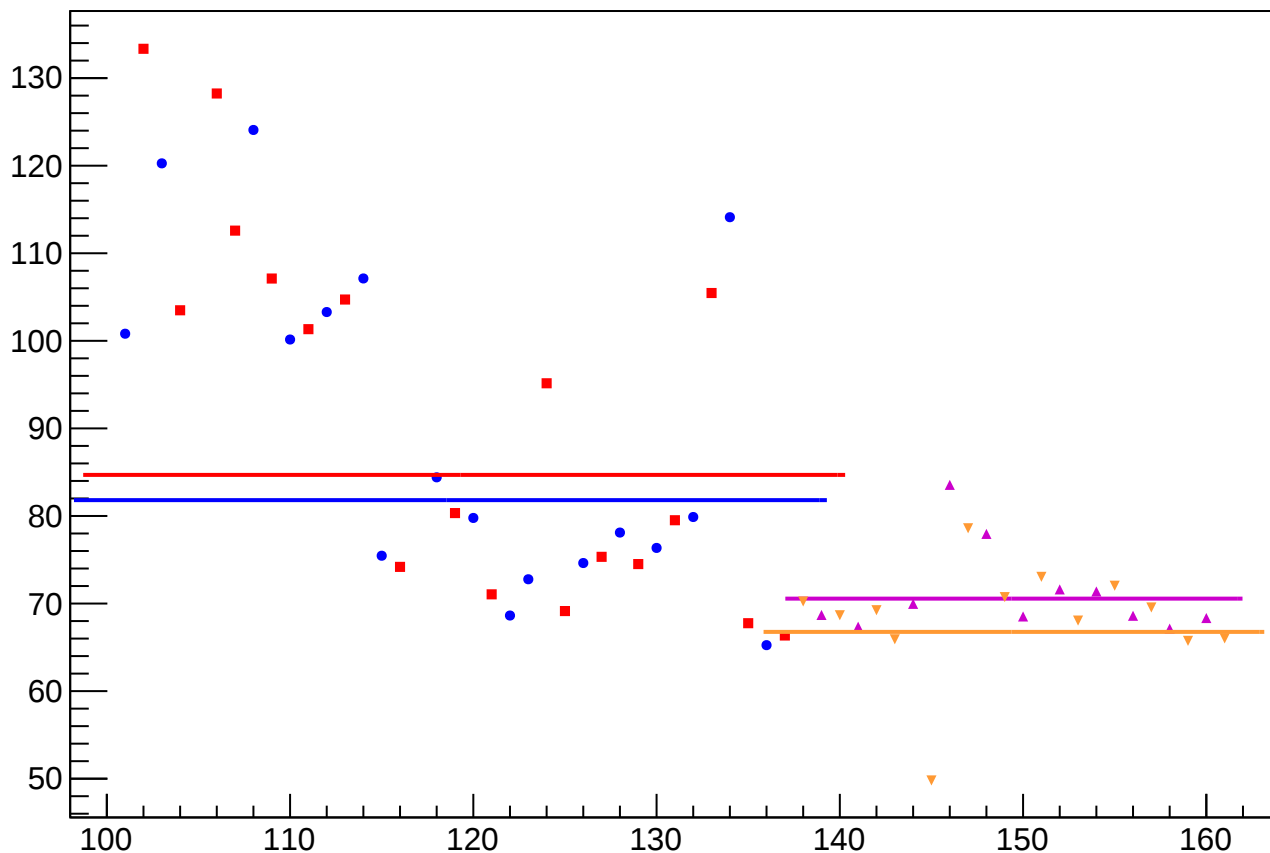
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -35.898 ± 19.101 χ^2/NDF : 18.6/27

Out: -12.108 ± 17.919 χ^2/NDF : 35.5/30

All: -23.244 ± 13.068 χ^2/NDF : 54.9/58

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 66.763 $\pm$ 0.015 χ^2/NDF : 245088.9/12

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 70.561 $\pm$ 0.017 χ^2/NDF : 65819.4/10

Left: 68.469 $\pm$ 0.011 χ^2/NDF : 339217.4/23

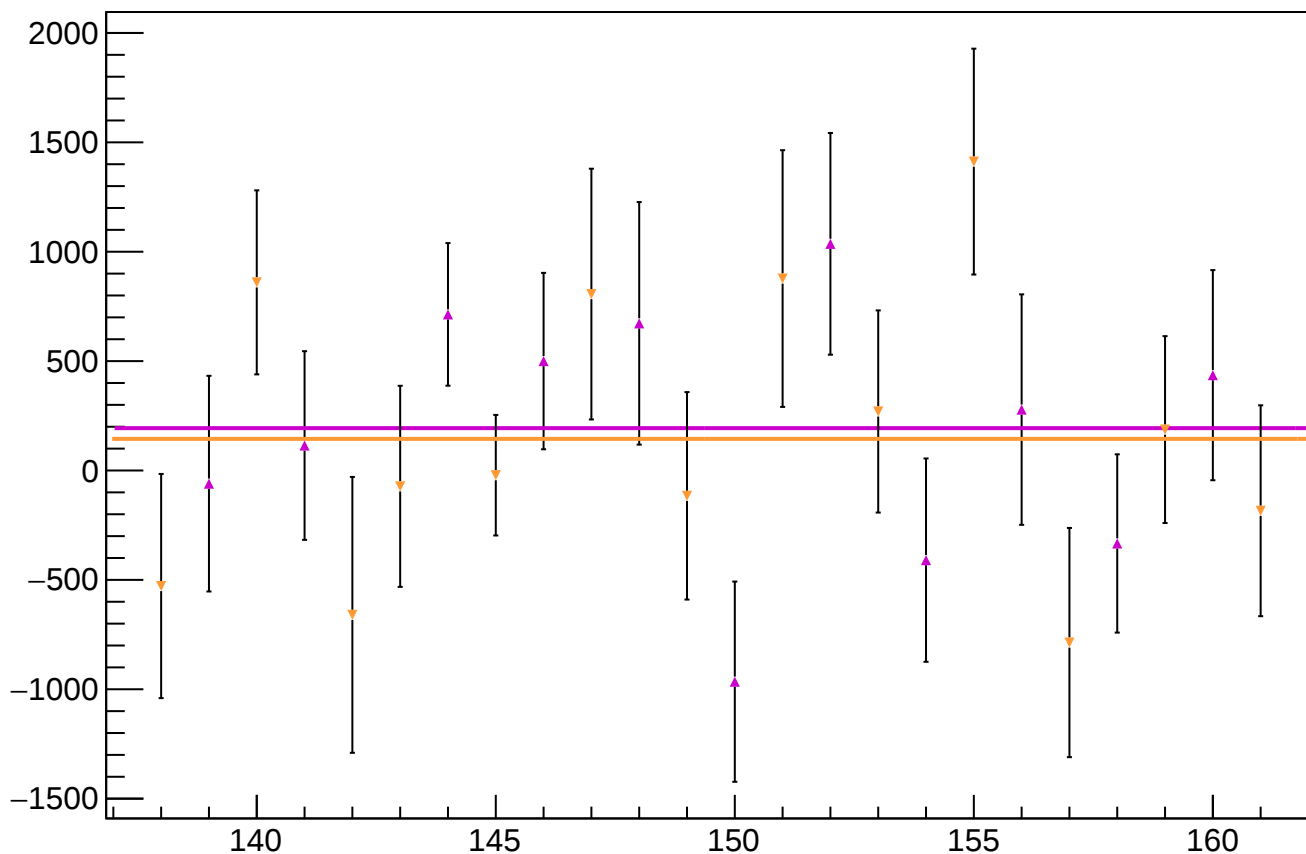
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 74.497 $\pm$ 0.014 χ^2/NDF : 730763.7/27

Out: 72.117 $\pm$ 0.013 χ^2/NDF : 1280329.3/30

All: 73.231 $\pm$ 0.009 χ^2/NDF : 2027613.2/58

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: 144.518+/-126.856 χ^2/NDF :19.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.611+/-134.148 χ^2/NDF :17.0/10

Left: 167.694+/-92.171 χ^2/NDF : 36.8/23

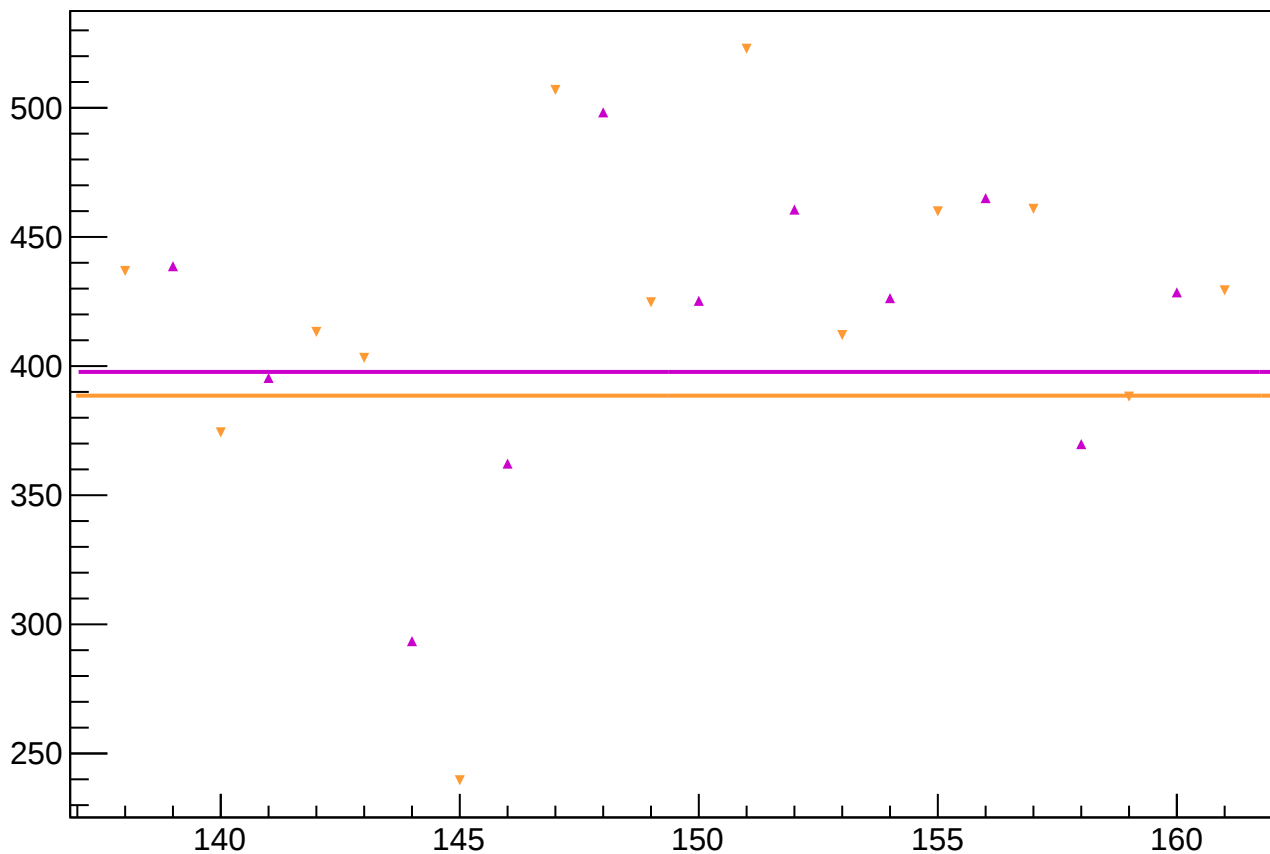
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.611+/-134.148 χ^2/NDF :17.0/10

Out: 144.518+/-126.856 χ^2/NDF :19.8/12

All: 167.694+/-92.171 χ^2/NDF : 36.8/23

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: 388.550+/-0.090 χ^2/NDF : 906815.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 397.740+/-0.095 χ^2/NDF : 395461.3/10

Left: 392.888+/-0.065 χ^2/NDF : 1307232.2/23

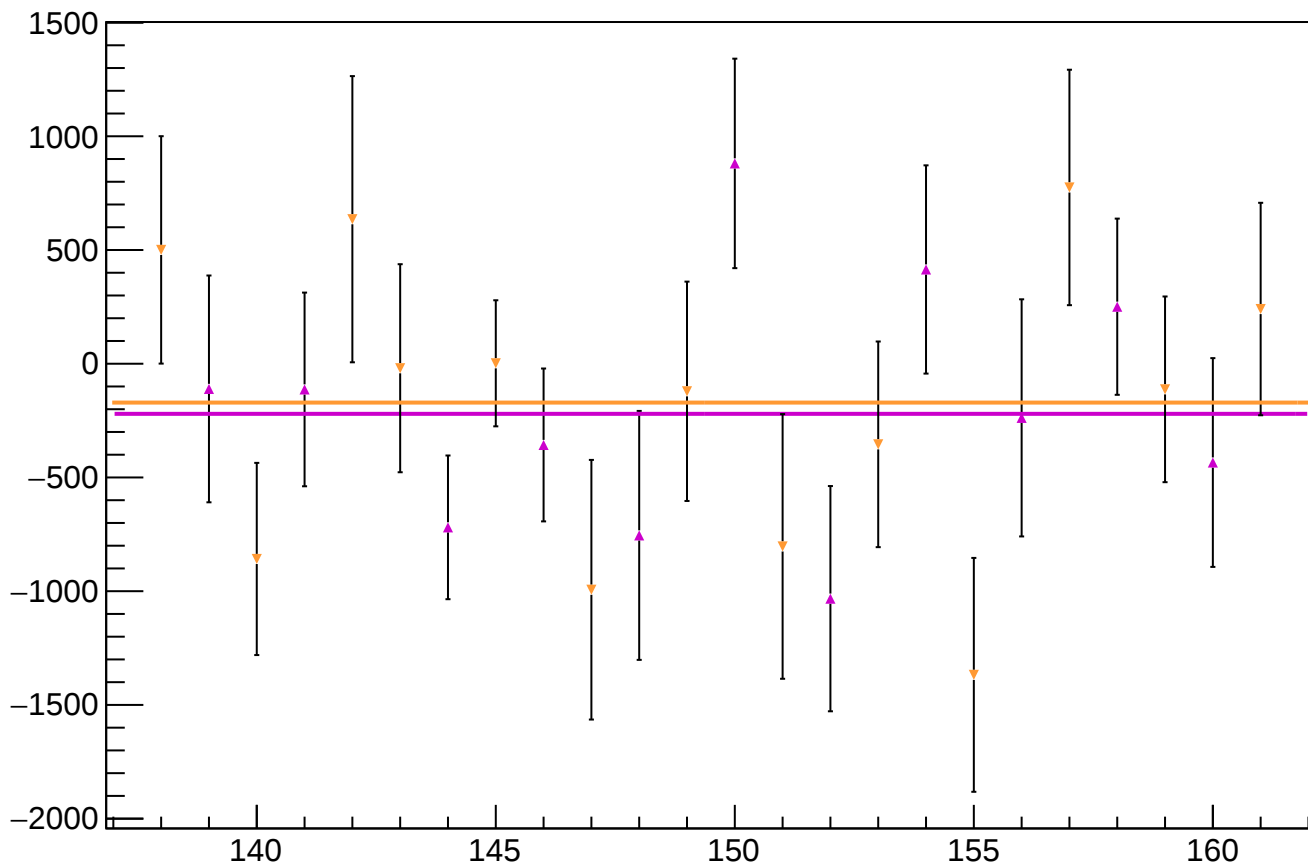
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 397.740+/-0.095 χ^2/NDF : 395461.3/10

Out: 388.550+/-0.090 χ^2/NDF : 906815.8/12

All: 392.888+/-0.065 χ^2/NDF : 1307232.2/23

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -170.804+/-125.732 χ^2/NDF :19.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -220.295+/-128.650 χ^2/NDF :15.8/10

Left: -194.982+/-89.920 χ^2/NDF : 35.4/23

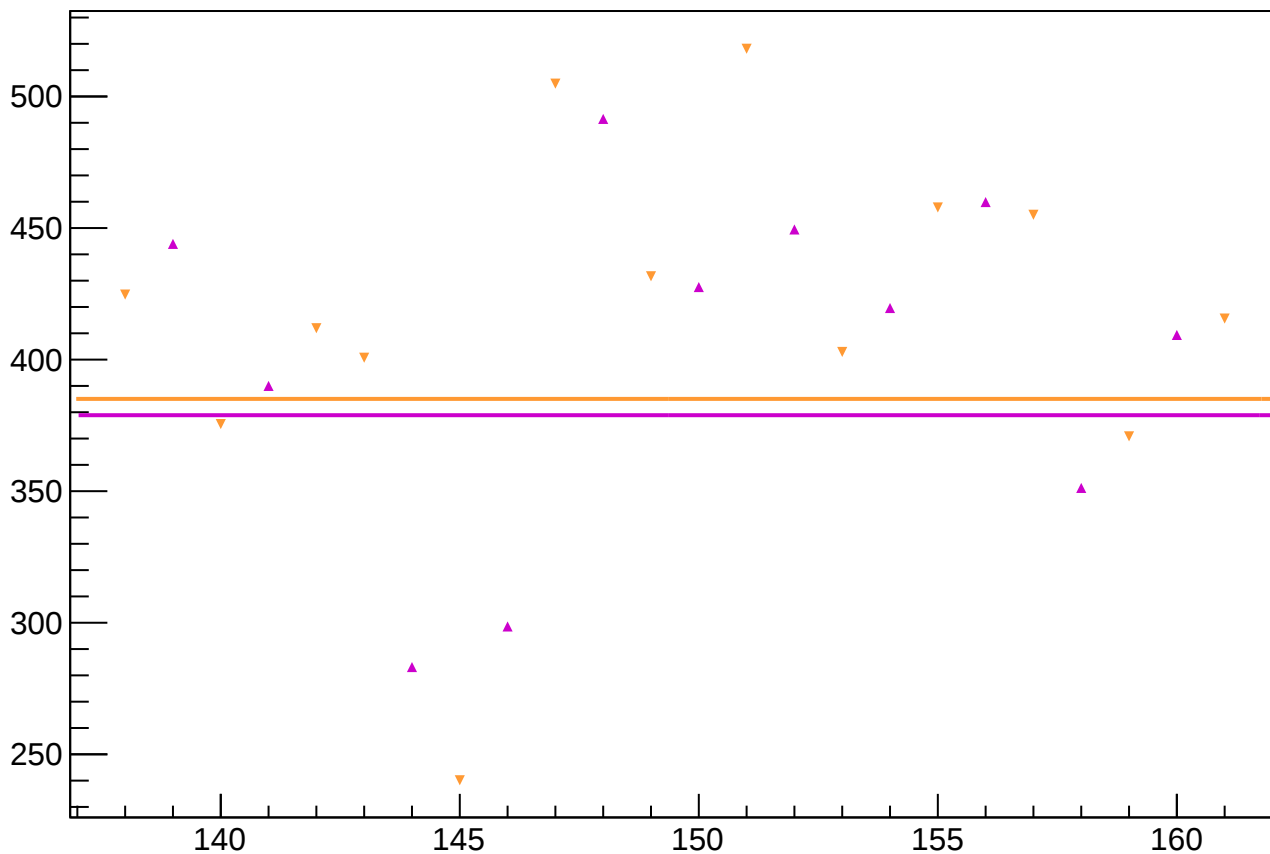
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -220.295+/-128.650 χ^2/NDF :15.8/10

Out: -170.804+/-125.732 χ^2/NDF :19.6/12

All: -194.982+/-89.920 χ^2/NDF : 35.4/23

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 385.072 $\pm$ 0.089 χ^2/NDF :868847.1/12

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 378.874 $\pm$ 0.091 χ^2/NDF :564133.2/10

Left: 382.044 $\pm$ 0.064 χ^2/NDF : 1435354.6/23

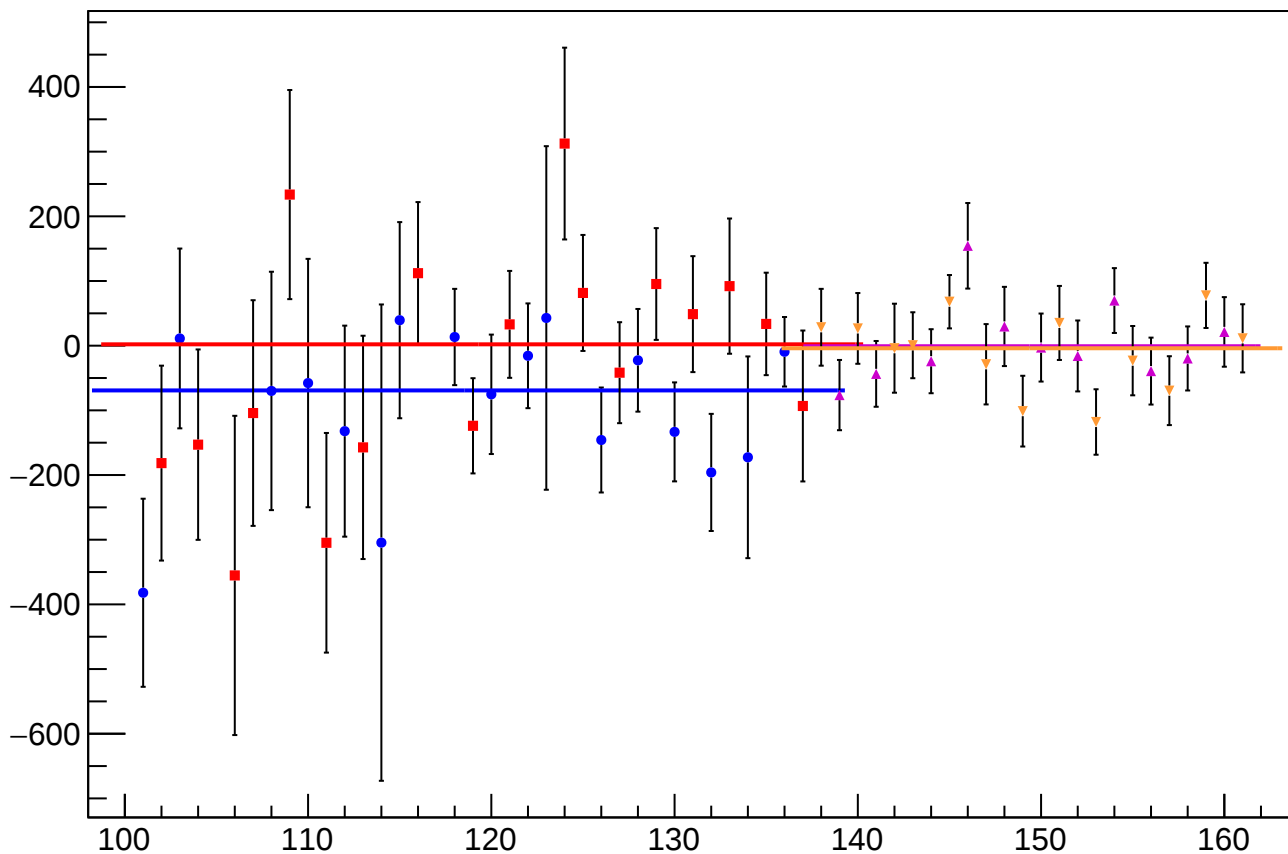
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 378.874 $\pm$ 0.091 χ^2/NDF :564133.2/10

Out: 385.072 $\pm$ 0.089 χ^2/NDF :868847.1/12

All: 382.044 $\pm$ 0.064 χ^2/NDF : 1435354.6/23

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: -3.992 ± 14.832 χ^2/NDF : 16.9/12

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -0.866 ± 16.121 χ^2/NDF : 11.5/10

Left: -2.559 ± 10.915 χ^2/NDF : 28.5/23

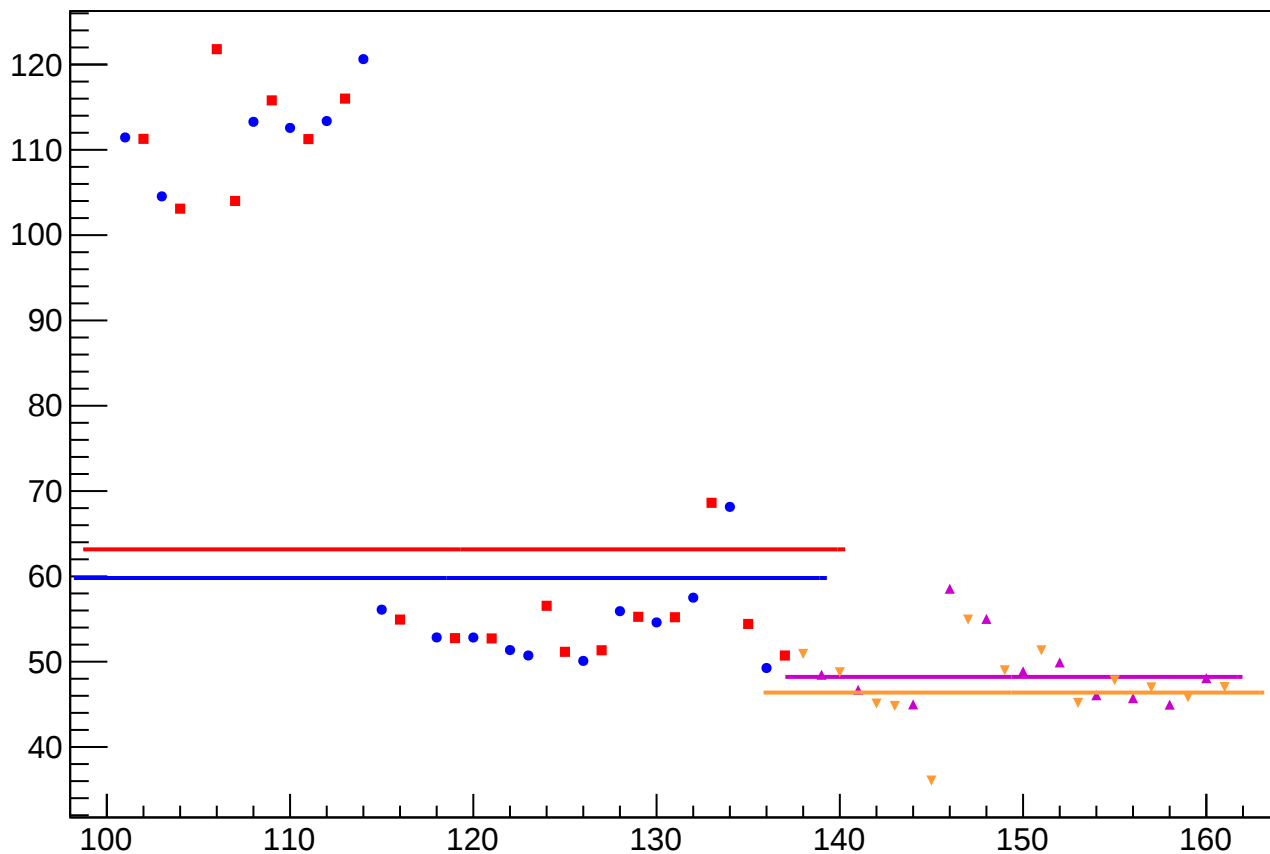
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -21.793 ± 13.427 χ^2/NDF : 30.5/27

Out: -2.428 ± 12.780 χ^2/NDF : 40.7/30

All: -11.633 ± 9.257 χ^2/NDF : 72.3/58

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.380+/-0.010 χ^2/NDF : 203851.4/12

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 48.218+/-0.011 χ^2/NDF : 102928.9/10

Left: 47.223+/-0.008 χ^2/NDF : 320851.8/23

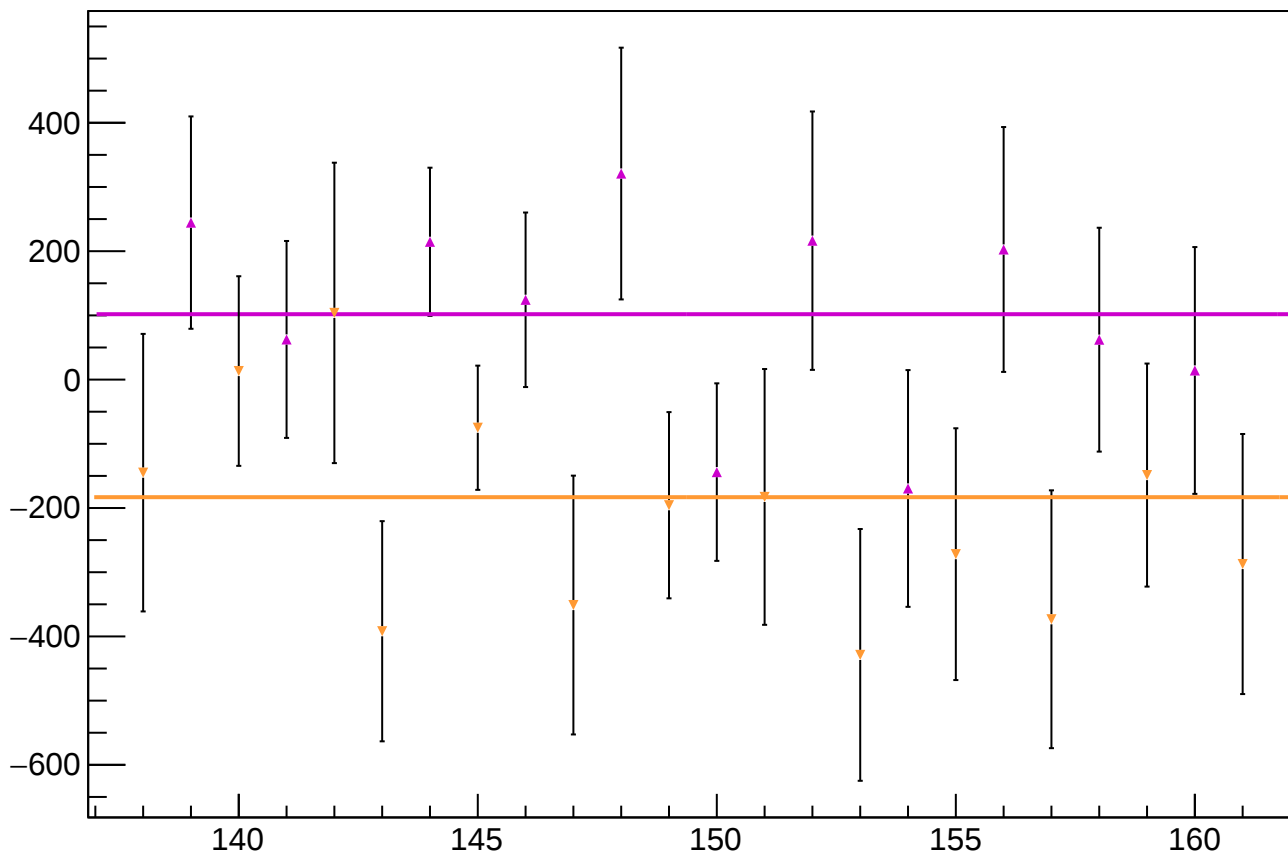
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 51.768+/-0.009 χ^2/NDF : 1649623.5/27

Out: 50.702+/-0.009 χ^2/NDF : 2250714.8/30

All: 51.209+/-0.007 χ^2/NDF : 3906951.6/58

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: -183.135+/-46.719 χ^2/NDF : 9.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 101.861+/-48.323 χ^2/NDF : 9.2/10

Left: -45.446+/-33.588 χ^2/NDF : 36.9/23

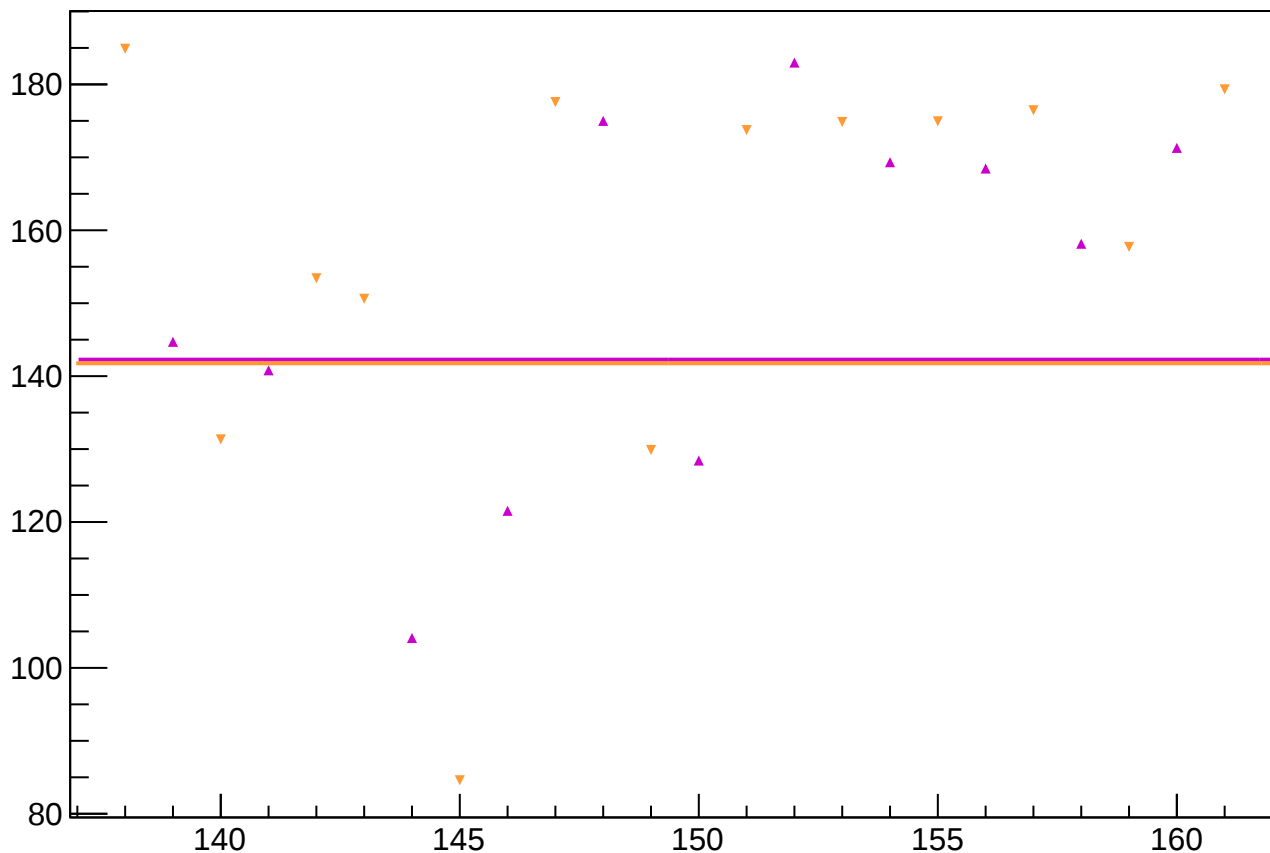
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.861+/-48.323 χ^2/NDF : 9.2/10

Out: -183.135+/-46.719 χ^2/NDF : 9.7/12

All: -45.446+/-33.588 χ^2/NDF : 36.9/23

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: 141.760+/-0.033 χ^2/NDF :1186271.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.261+/-0.034 χ^2/NDF :566757.3/10

Left: 142.002+/-0.024 χ^2/NDF : 1753139.4/23

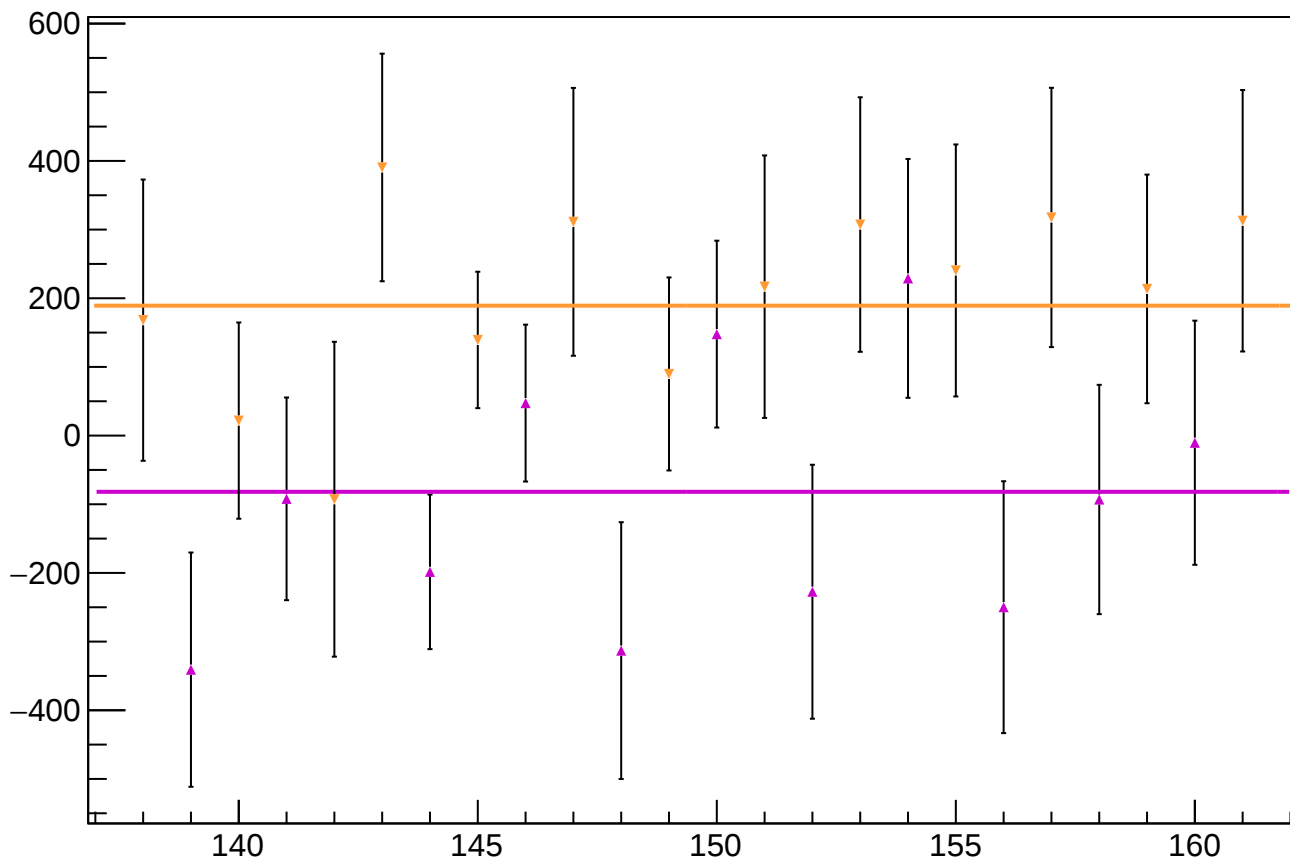
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.261+/-0.034 χ^2/NDF :566757.3/10

Out: 141.760+/-0.033 χ^2/NDF :1186271.2/12

All: 142.002+/-0.024 χ^2/NDF : 1753139.4/23

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: 189.194 $\pm$ 45.435 χ^2 /NDF:6.9/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -81.872 $\pm$ 45.740 χ^2 /NDF:13.9/10

Left: 54.570 $\pm$ 32.235 χ^2 /NDF: 38.5/23

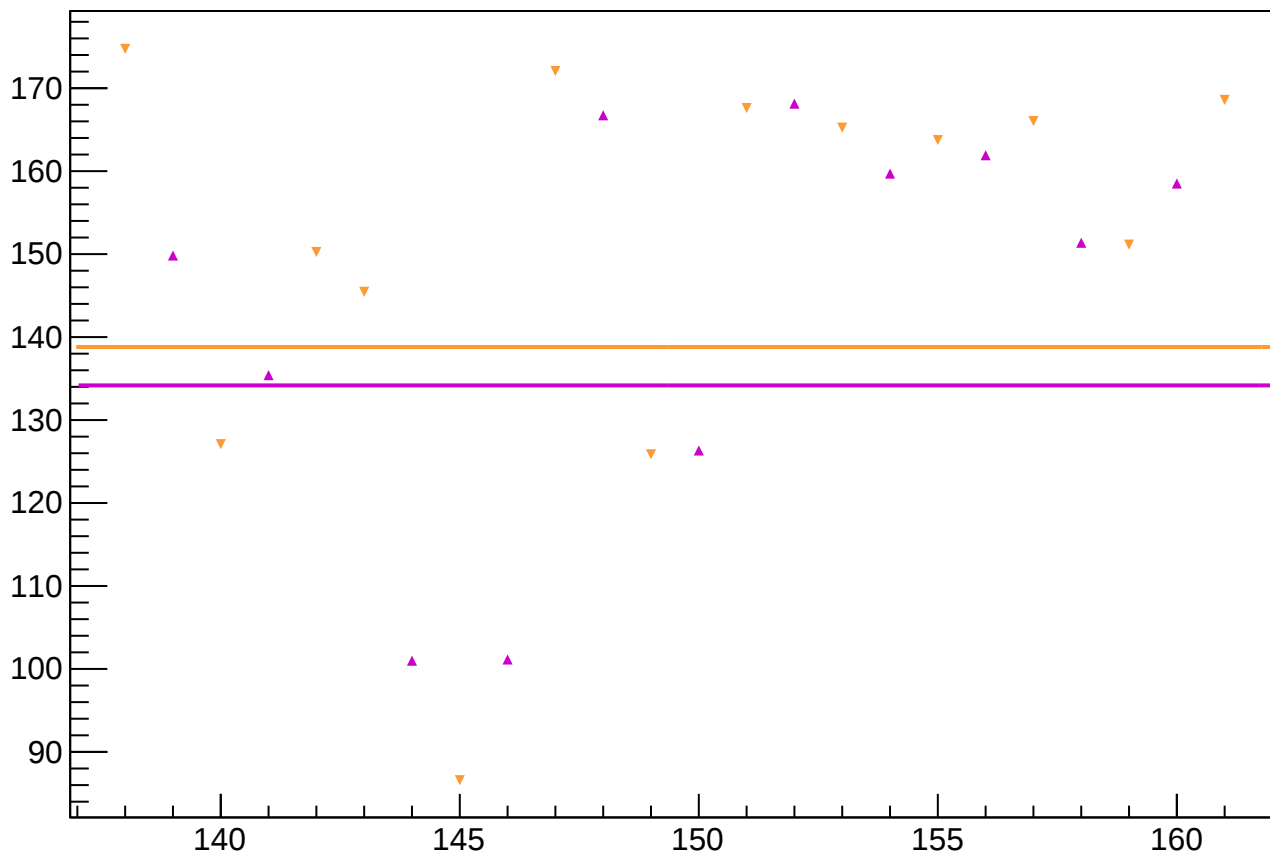
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -81.872 $\pm$ 45.740 χ^2 /NDF:13.9/10

Out: 189.194 $\pm$ 45.435 χ^2 /NDF:6.9/12

All: 54.570 $\pm$ 32.235 χ^2 /NDF: 38.5/23

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

Left: 136.506+/-0.023 χ^2/NDF : 1586285.1/23

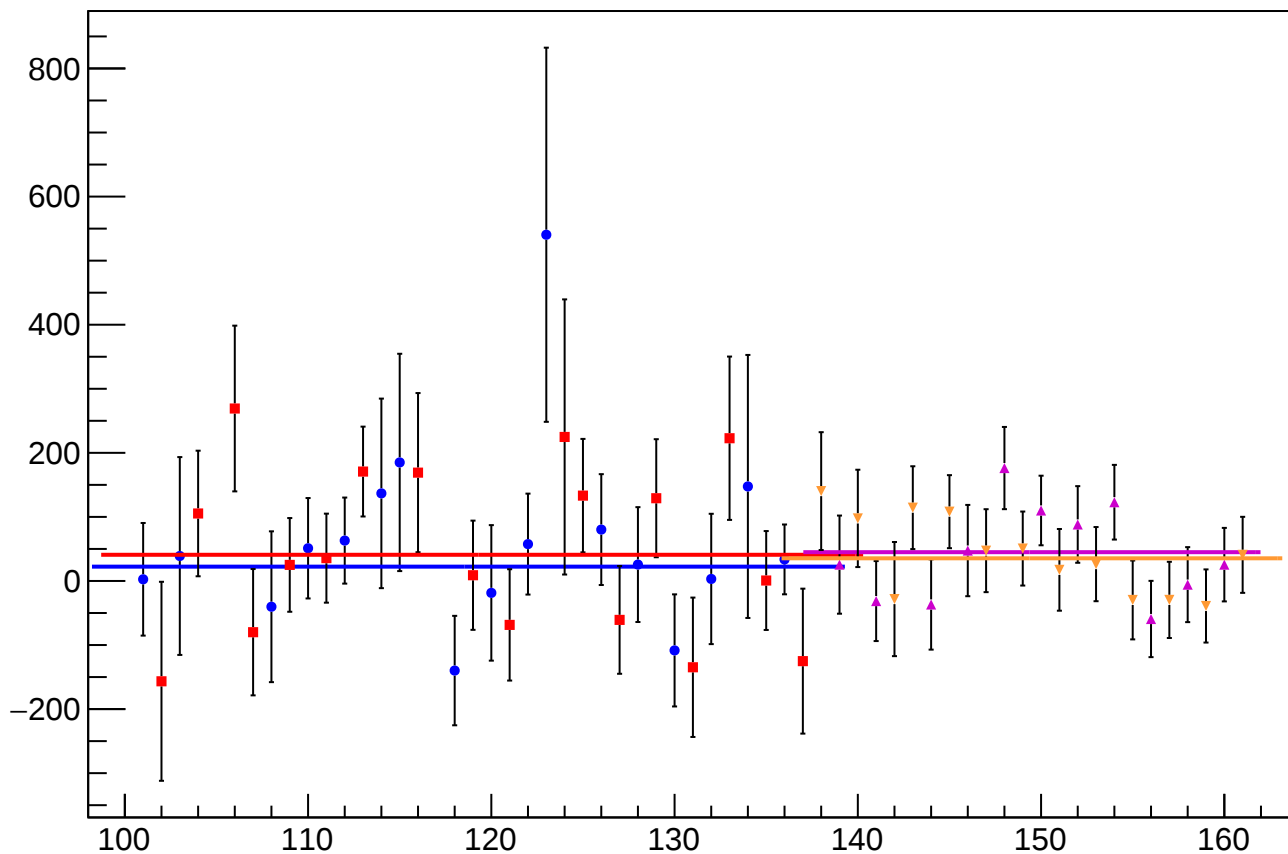
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.177+/-0.032 χ^2/NDF : 640299.1/10

Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

All: 136.506+/-0.023 χ^2/NDF : 1586285.1/23

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: 35.365 $\pm$ 17.721 χ^2 /NDF: 9.8/12

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 44.938 $\pm$ 18.702 χ^2 /NDF: 14.8/10

Left: 39.894 $\pm$ 12.863 χ^2 /NDF: 24.7/23

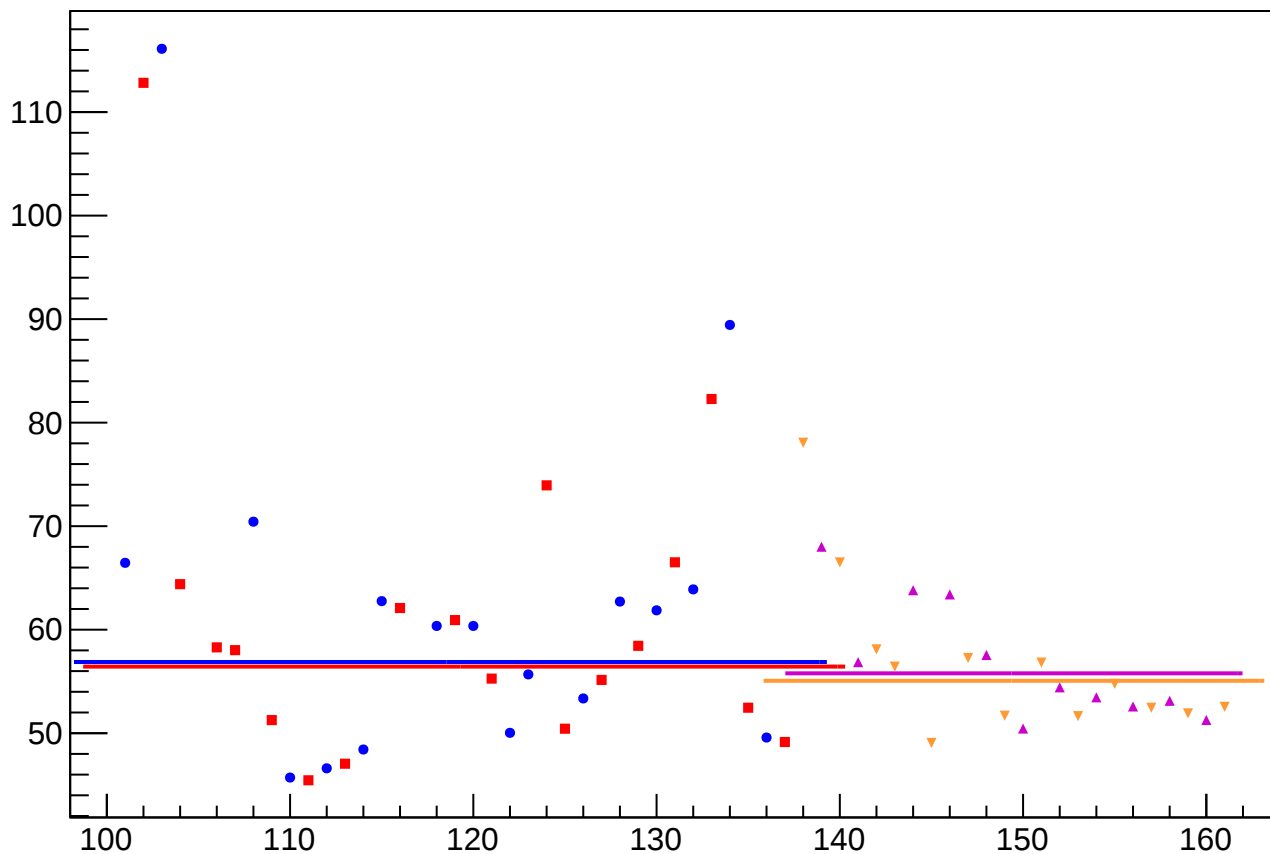
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 35.774 $\pm$ 14.415 χ^2 /NDF: 28.0/27

Out: 37.514 $\pm$ 13.834 χ^2 /NDF: 34.1/30

All: 36.680 $\pm$ 9.981 χ^2 /NDF: 62.0/58

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2/NDF : 575487.1/16

Left Out: 55.063 $\pm$ 0.013 χ^2/NDF : 226944.2/12

Right Out: 56.434 $\pm$ 0.016 χ^2/NDF : 520456.9/17

Left In: 55.783 $\pm$ 0.013 χ^2/NDF : 147674.8/10

Left: 55.404 $\pm$ 0.009 χ^2/NDF : 376179.9/23

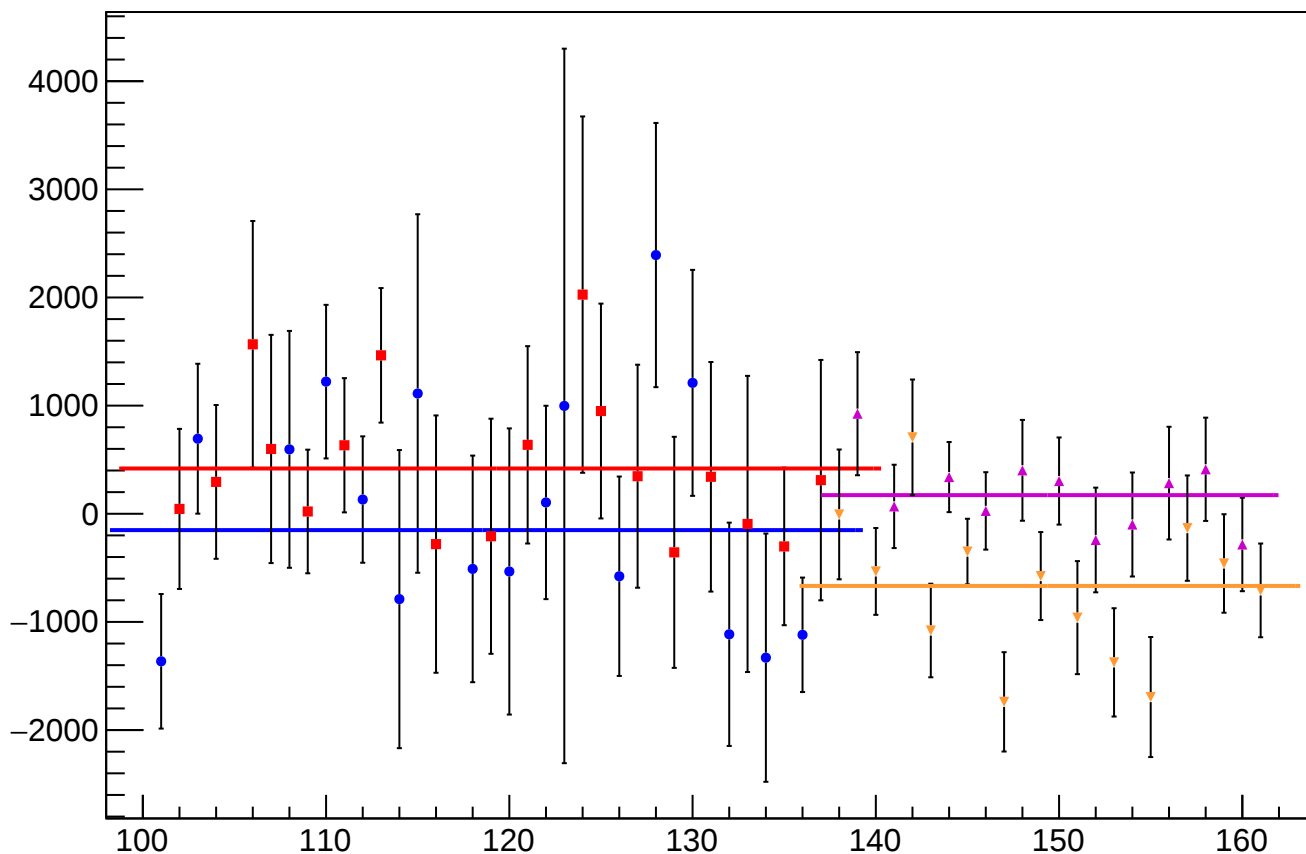
Right: 56.652 $\pm$ 0.011 χ^2/NDF : 1096338.8/34

In: 56.228 $\pm$ 0.010 χ^2/NDF : 725948.1/27

Out: 55.599 $\pm$ 0.010 χ^2/NDF : 752074.2/30

All: 55.900 $\pm$ 0.007 χ^2/NDF : 1480005.8/58

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: -667.258 $\pm$ 124.302 χ^2 /NDF:22.6/12

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 172.339 $\pm$ 129.188 χ^2 /NDF:5.1/10

Left: -263.635 $\pm$ 89.572 χ^2 /NDF: 49.6/23

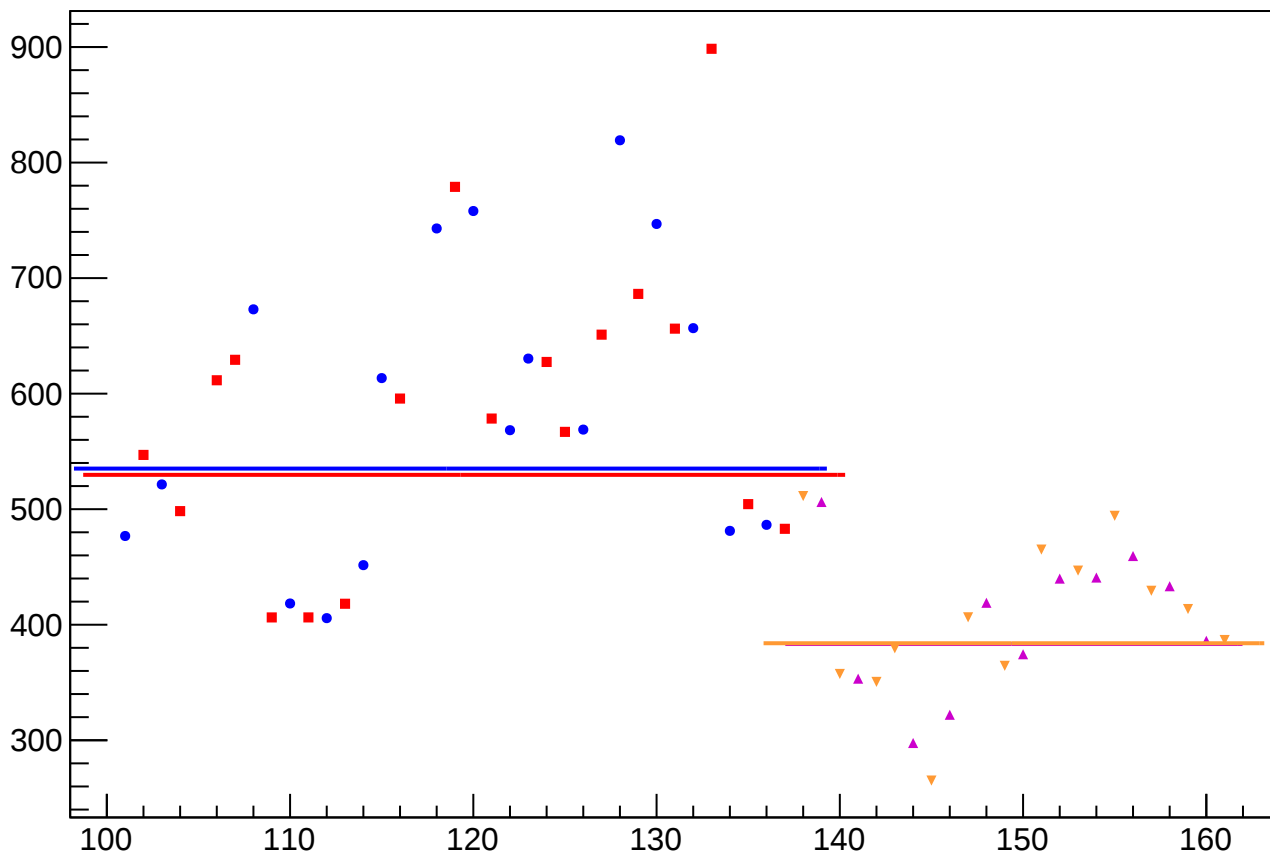
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 85.000 $\pm$ 110.382 χ^2 /NDF:29.2/27

Out: -375.491 $\pm$ 106.298 χ^2 /NDF:51.5/30

All: -153.922 $\pm$ 76.567 χ^2 /NDF: 89.7/58

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 383.973+/-0.088 χ^2/NDF : 607744.9/12

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 383.303+/-0.091 χ^2/NDF : 437031.0/10

Left: 383.651+/-0.063 χ^2/NDF : 1044803.8/23

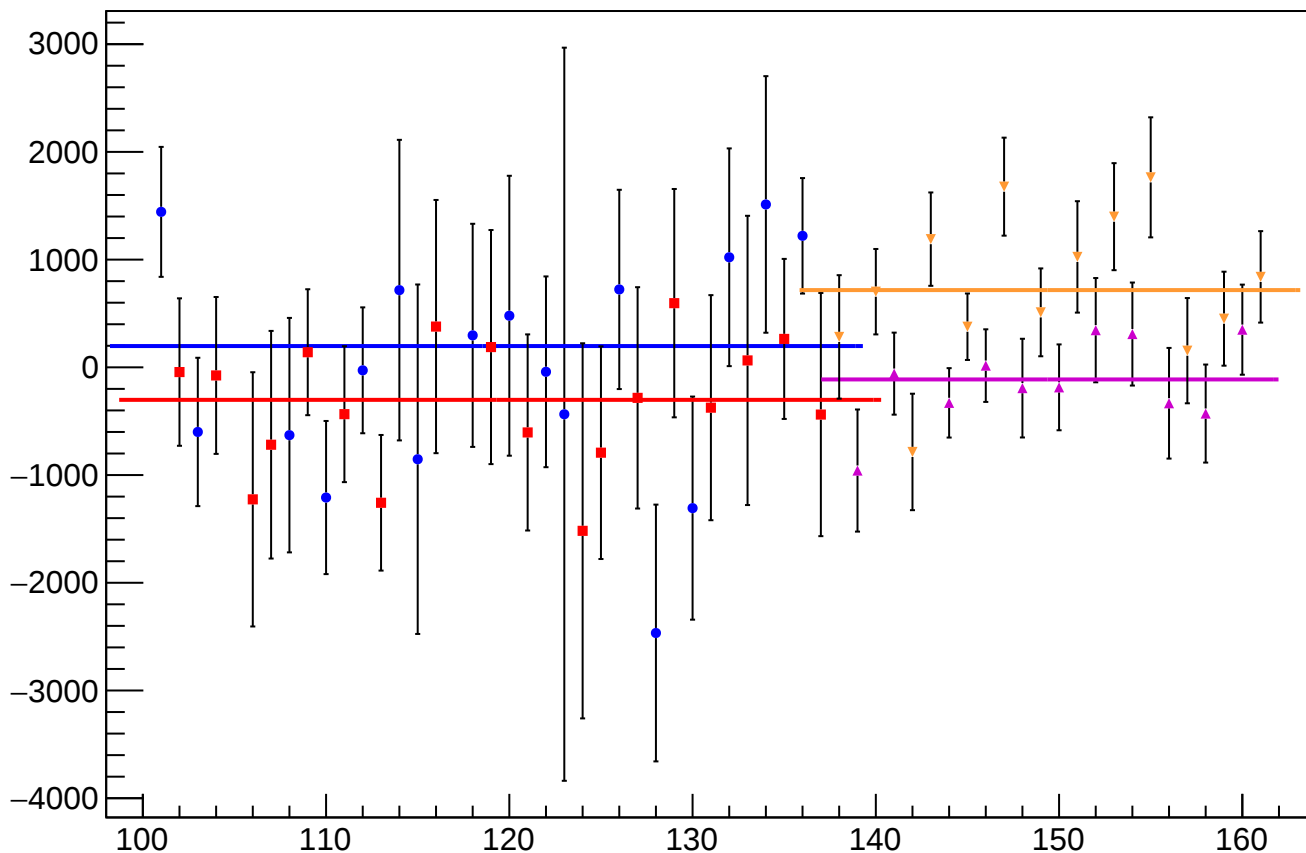
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 424.291+/-0.078 χ^2/NDF : 1778904.2/27

Out: 423.136+/-0.075 χ^2/NDF : 1993308.6/30

All: 423.692+/-0.054 χ^2/NDF : 3772326.5/58

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 717.095 $\pm$ 123.555 χ^2 /NDF:23.0/12

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -112.391 $\pm$ 126.502 χ^2 /NDF:6.5/10

Left: 312.126 $\pm$ 88.390 χ^2 /NDF: 51.4/23

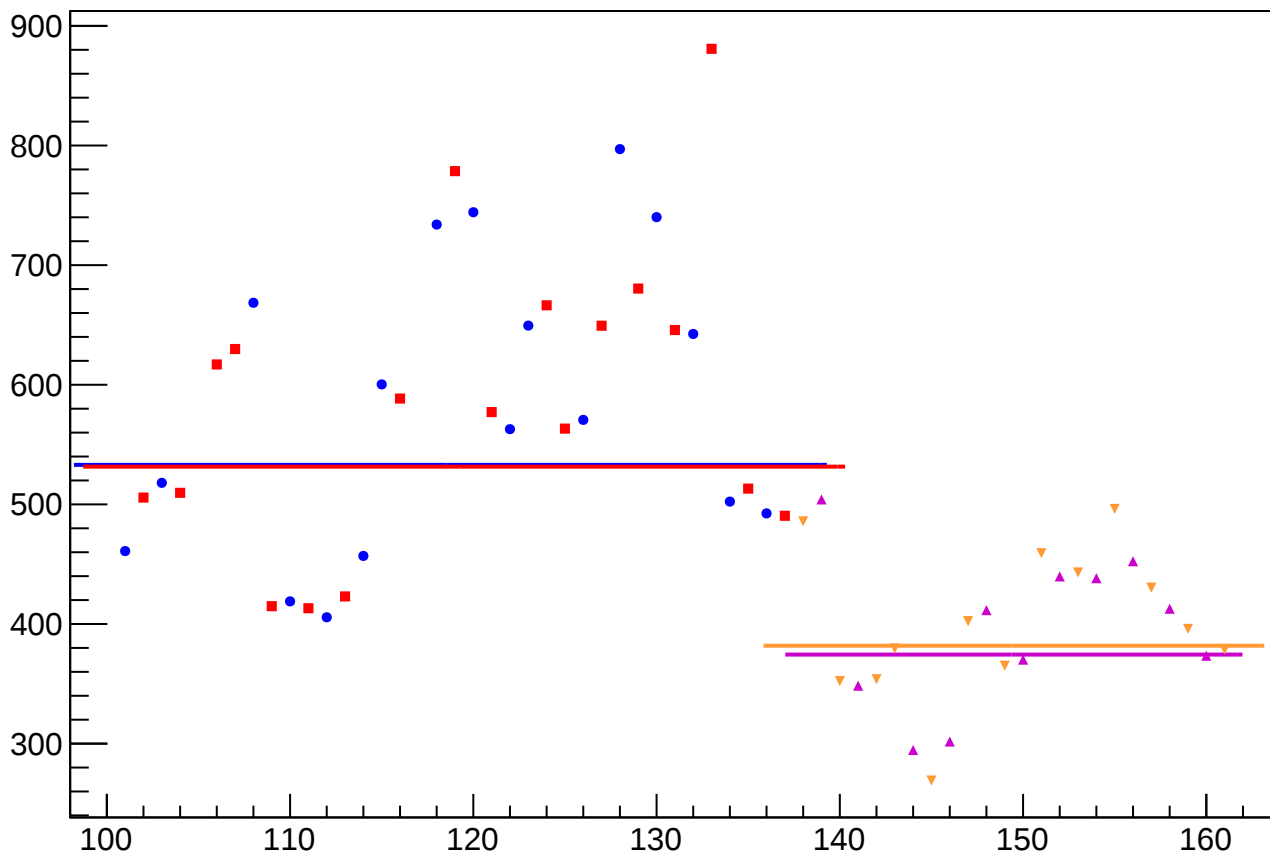
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -30.713 $\pm$ 108.562 χ^2 /NDF:32.0/27

Out: 446.939 $\pm$ 105.917 χ^2 /NDF:47.7/30

All: 214.003 $\pm$ 75.812 χ^2 /NDF: 89.6/58

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 381.863+/-0.087 χ^2/NDF : 537839.8/12

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 374.446+/-0.089 χ^2/NDF : 475593.7/10

Left: 378.242+/-0.063 χ^2/NDF : 1016952.8/23

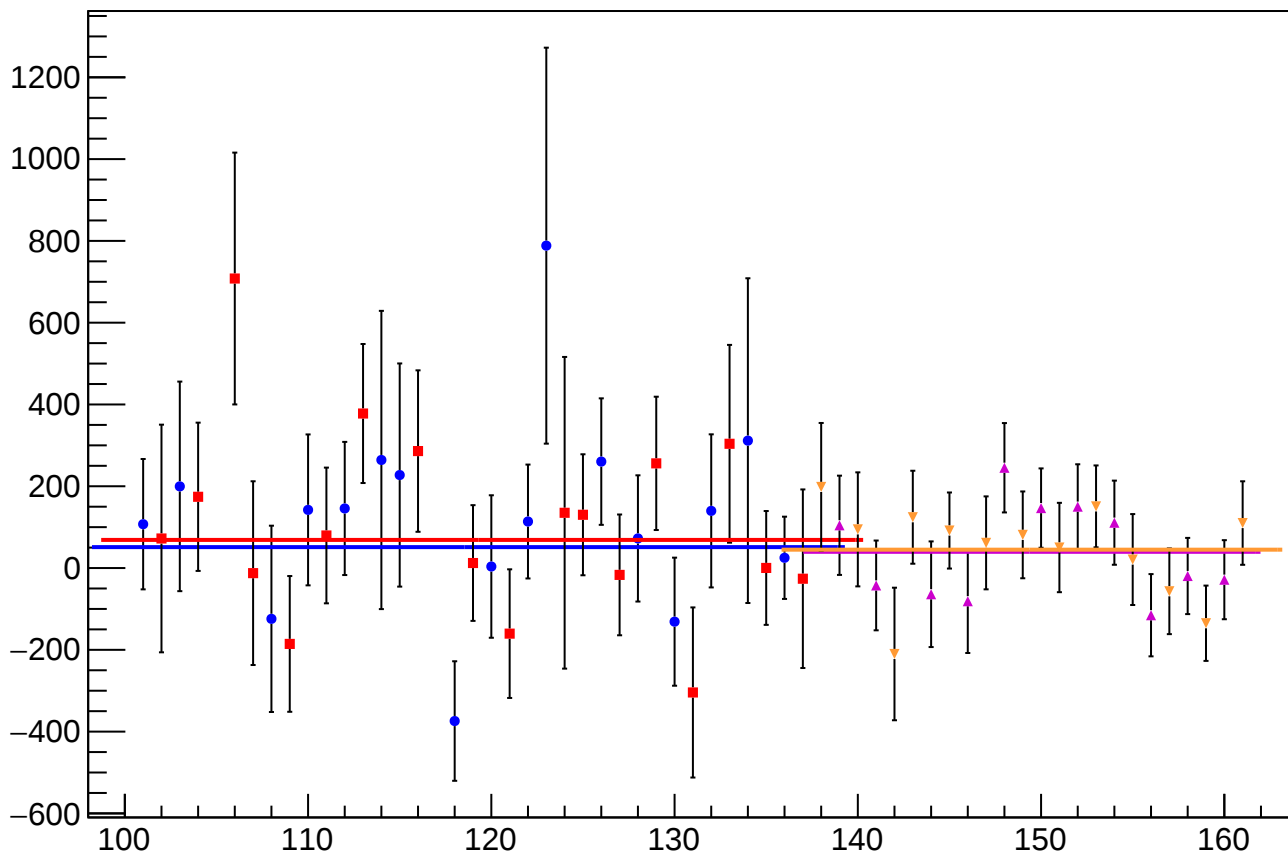
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 416.236+/-0.077 χ^2/NDF : 1870732.2/27

Out: 421.552+/-0.075 χ^2/NDF : 1914141.1/30

All: 418.960+/-0.054 χ^2/NDF : 3787330.3/58

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: 44.914 $\pm$ 30.731 χ^2 /NDF:10.8/12

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 39.684 $\pm$ 32.077 χ^2 /NDF:12.0/10

Left: 42.411 $\pm$ 22.191 χ^2 /NDF: 22.8/23

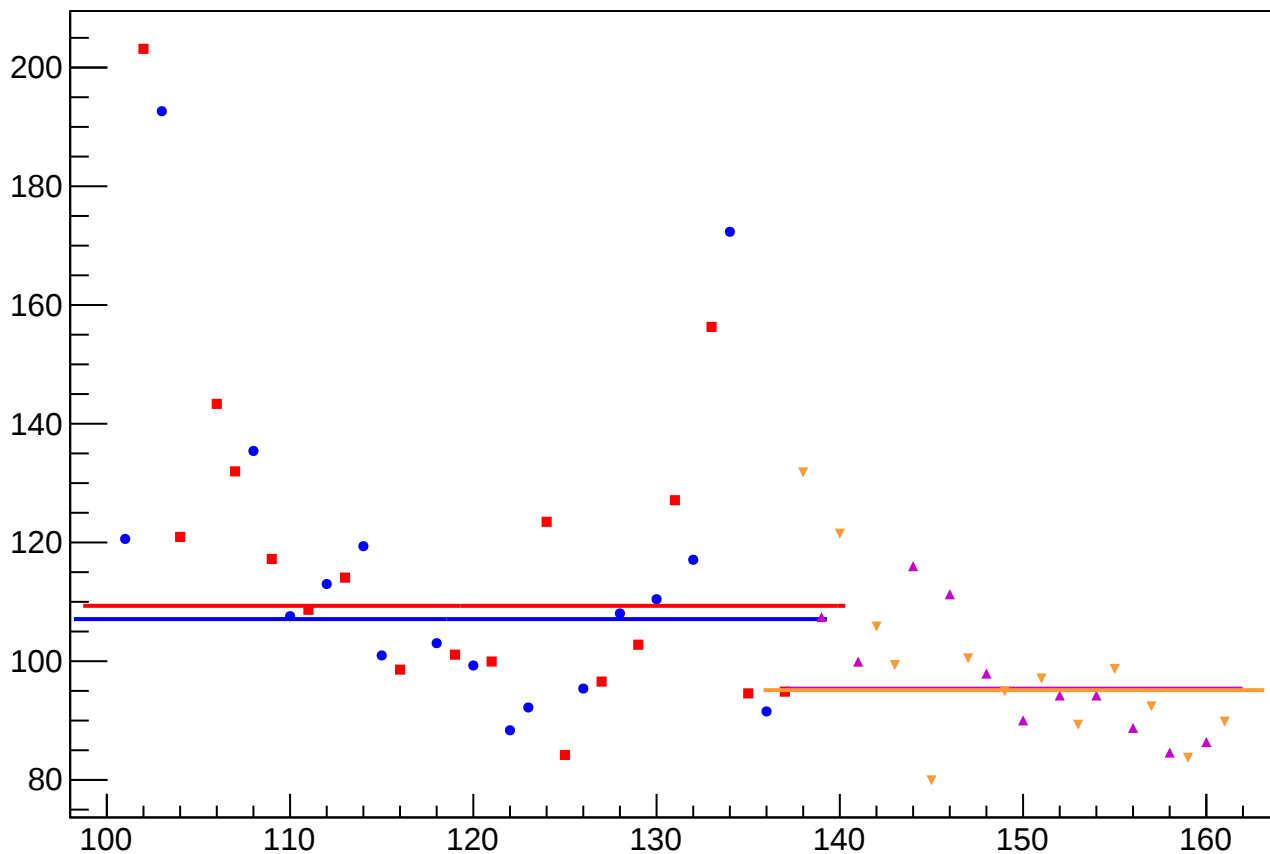
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 43.861 $\pm$ 25.585 χ^2 /NDF:29.5/27

Out: 53.032 $\pm$ 24.964 χ^2 /NDF:31.4/30

All: 48.559 $\pm$ 17.868 χ^2 /NDF: 60.9/58

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.123 $\pm$ 0.022 χ^2 /NDF: 297550.4/12

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 95.377 $\pm$ 0.023 χ^2 /NDF: 166037.9/10

Left: 95.244 $\pm$ 0.016 χ^2 /NDF: 463653.9/23

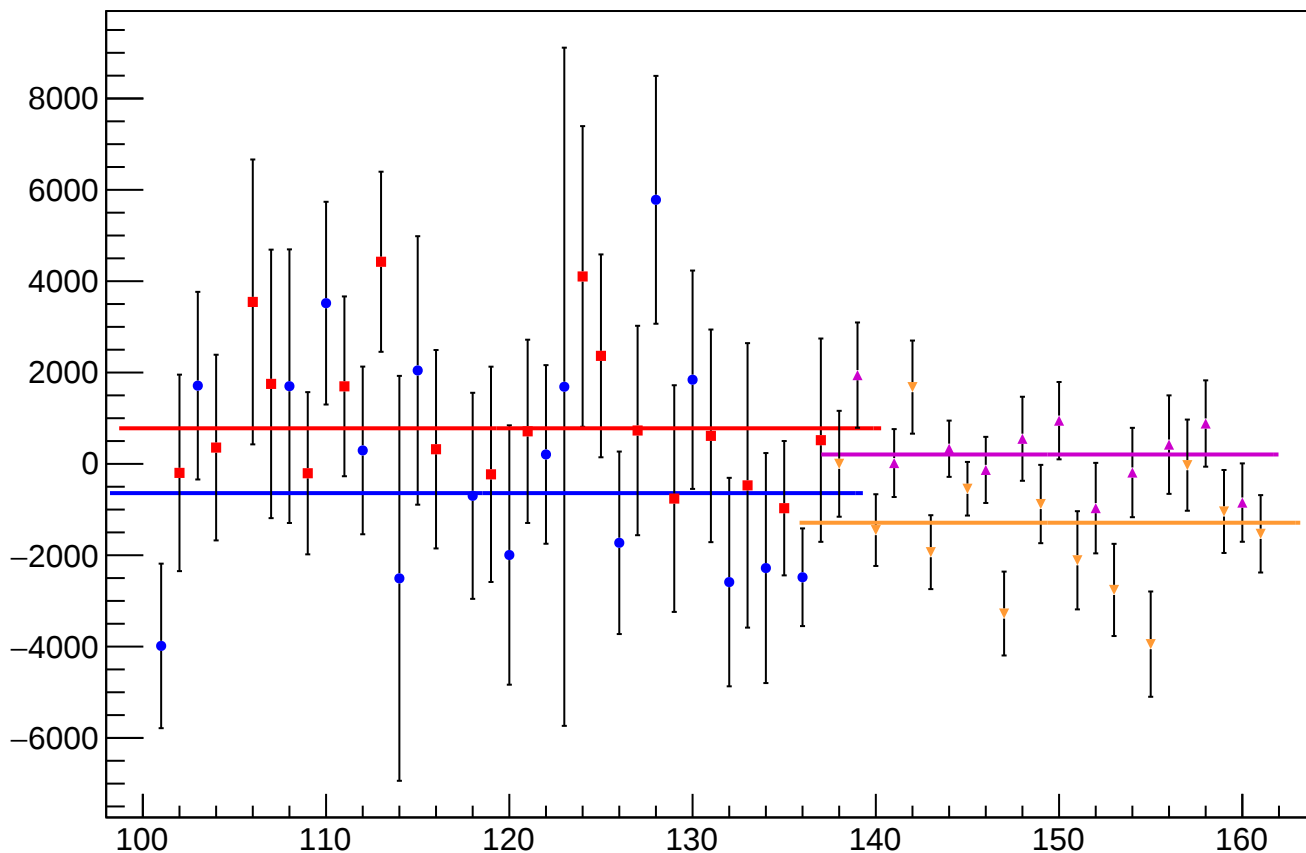
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 99.640 $\pm$ 0.018 χ^2 /NDF: 700879.6/27

Out: 99.955 $\pm$ 0.018 χ^2 /NDF: 948951.8/30

All: 99.801 $\pm$ 0.013 χ^2 /NDF: 1649986.7/58

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1288.287 ± 246.096 $\chi^2/\text{NDF}: 26.7/12$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 205.943 ± 257.475 $\chi^2/\text{NDF}: 7.1/10$

Left: -574.919 ± 177.903 $\chi^2/\text{NDF}: 51.4/23$

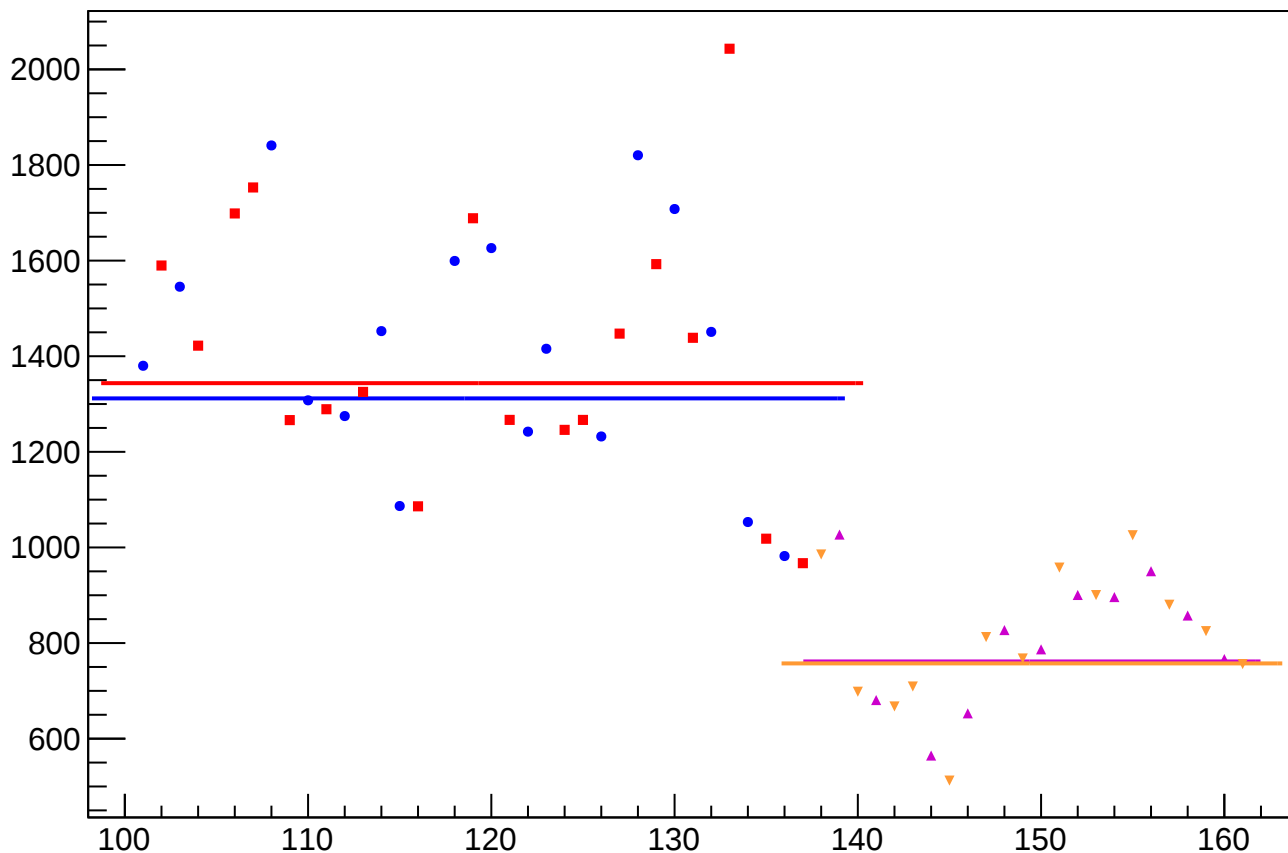
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 39.023 ± 230.673 $\chi^2/\text{NDF}: 31.0/27$

Out: -905.656 ± 222.163 $\chi^2/\text{NDF}: 48.6/30$

All: -451.065 ± 160.017 $\chi^2/\text{NDF}: 88.3/58$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 757.431+/-0.174 χ^2/NDF : 726620.7/12

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 761.520+/-0.182 χ^2/NDF : 550131.3/10

Left: 759.383+/-0.126 χ^2/NDF : 1277015.5/23

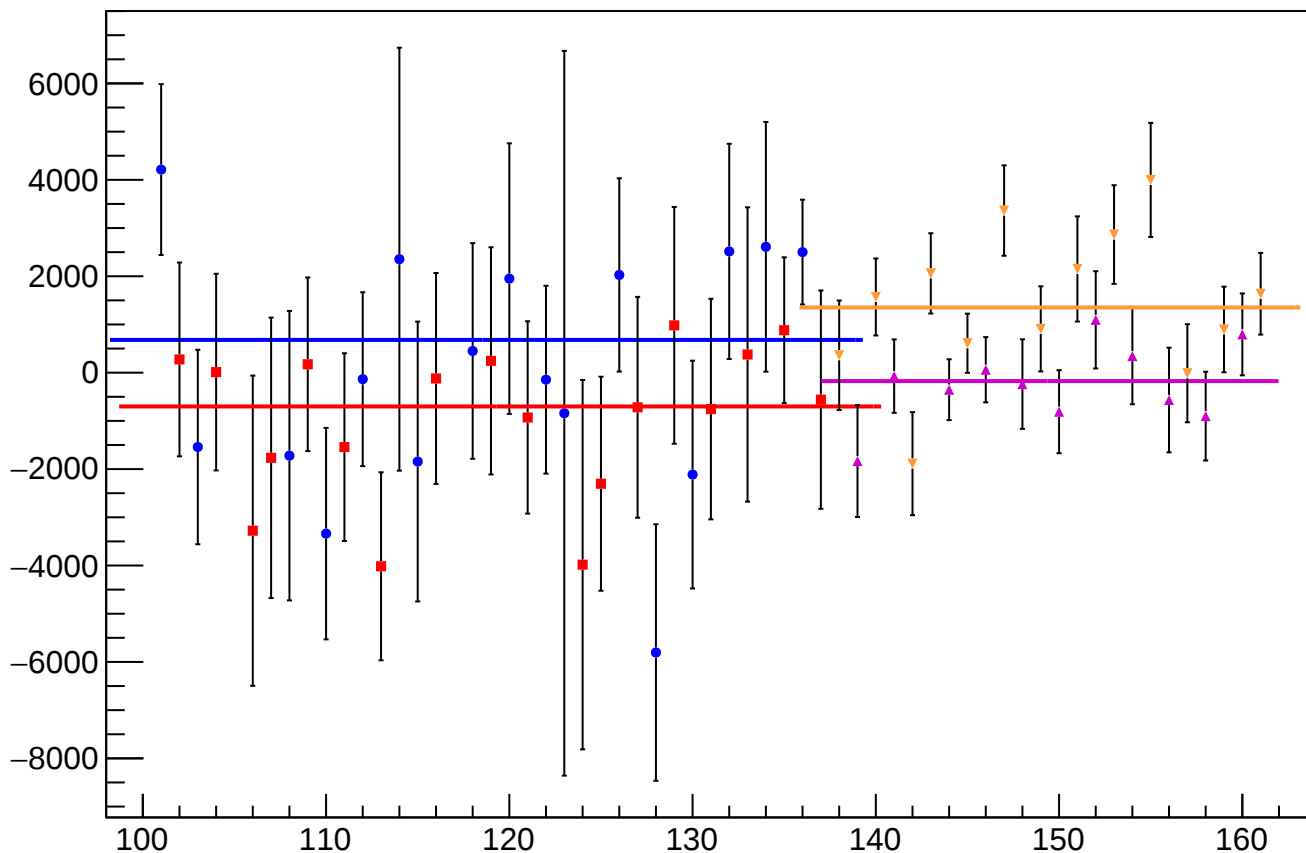
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 870.119+/-0.163 χ^2/NDF : 2865677.0/27

Out: 865.912+/-0.157 χ^2/NDF : 3287717.3/30

All: 867.936+/-0.113 χ^2/NDF : 6153739.4/58

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1352.599 $\pm$ 251.002 χ^2 /NDF:27.0/12

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -174.121 $\pm$ 257.626 χ^2 /NDF:6.7/10

Left: 609.120 $\pm$ 179.781 χ^2 /NDF: 51.7/23

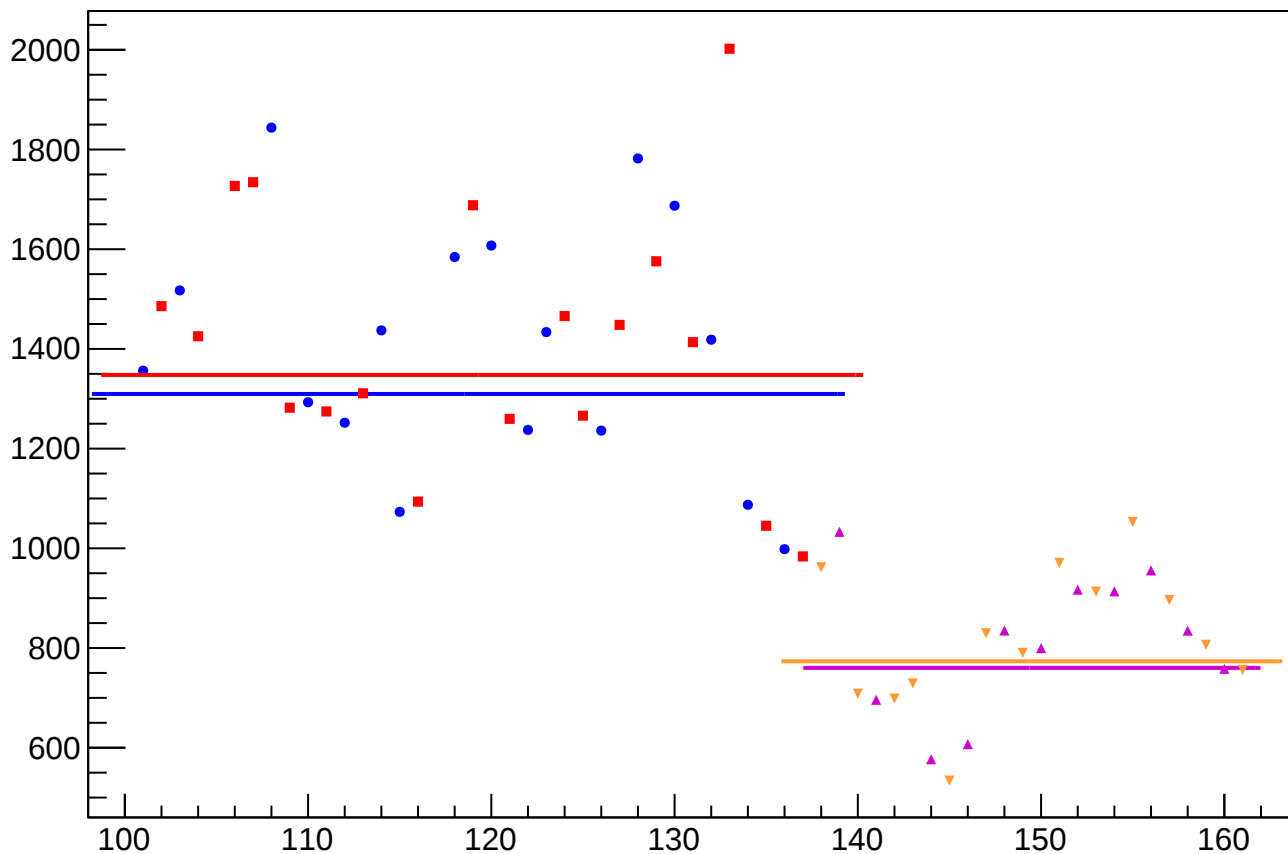
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: -4.502 $\pm$ 230.629 χ^2 /NDF:31.5/27

Out: 961.286 $\pm$ 225.824 χ^2 /NDF:47.3/30

All: 488.556 $\pm$ 161.354 χ^2 /NDF: 87.8/58

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 773.385 $\pm$ 0.177 χ^2/NDF : 643205.1/12

Right Out: 1347.768 $\pm$ 0.366 χ^2/NDF : 405345.0/17

Left In: 760.145 $\pm$ 0.182 χ^2/NDF : 586426.9/10

Left: 766.937 $\pm$ 0.127 χ^2/NDF : 1232342.3/23

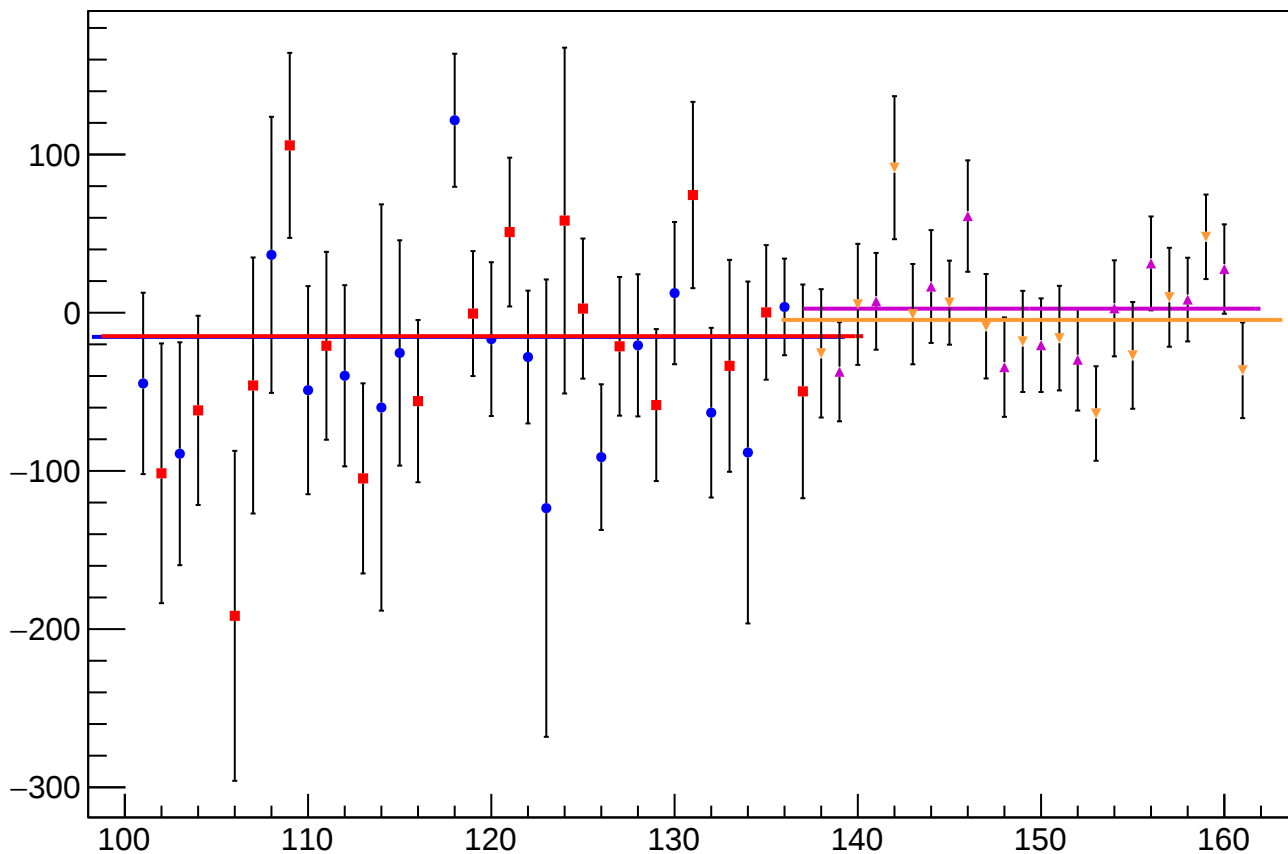
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 869.280 $\pm$ 0.163 χ^2/NDF : 2852884.7/27

Out: 882.838 $\pm$ 0.160 χ^2/NDF : 3044276.2/30

All: 876.202 $\pm$ 0.114 χ^2/NDF : 5900689.1/58

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: -4.552 ± 8.937 χ^2/NDF : 14.9/12

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: 2.553 ± 9.242 χ^2/NDF : 9.3/10

Left: -1.119 ± 6.424 χ^2/NDF : 24.5/23

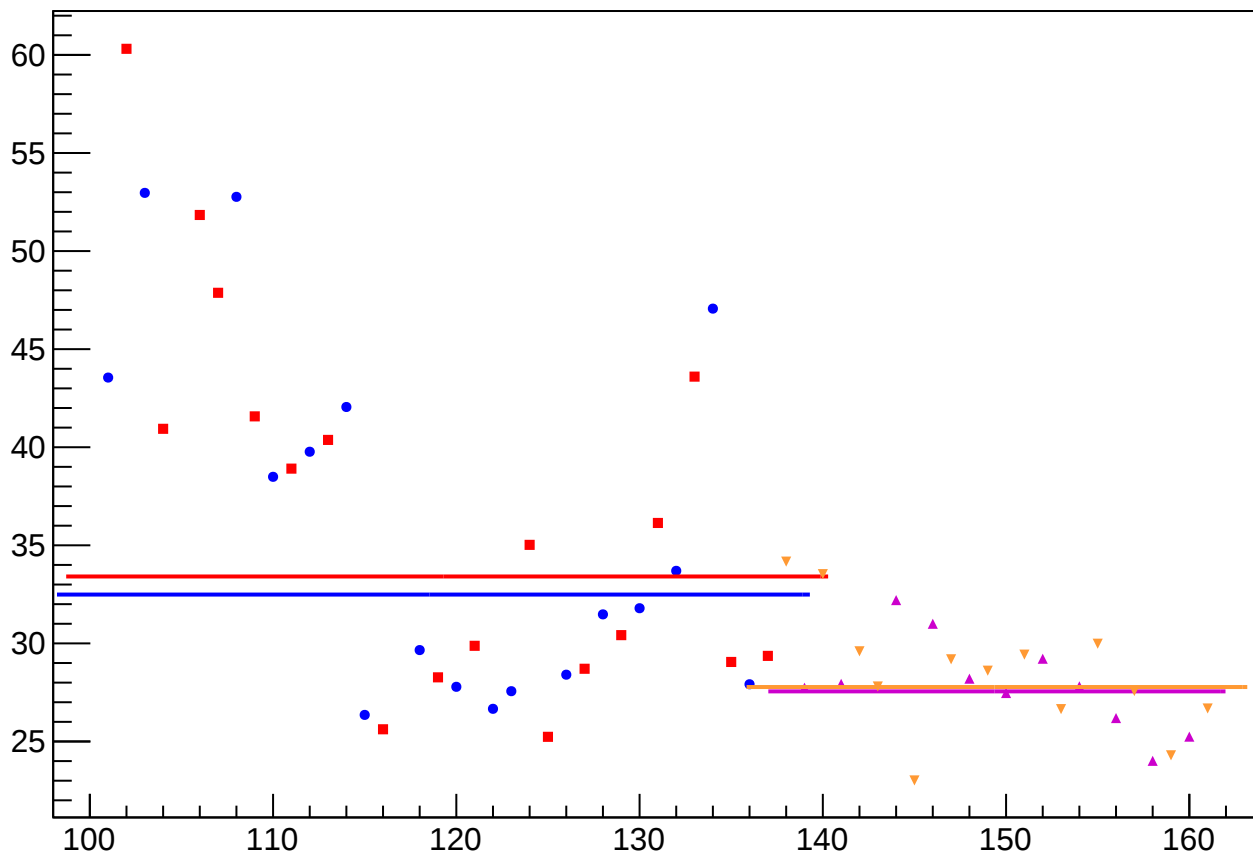
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -3.491 ± 7.514 χ^2/NDF : 28.9/27

Out: -7.820 ± 7.382 χ^2/NDF : 33.5/30

All: -5.694 ± 5.266 χ^2/NDF : 62.6/58

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2/NDF : 594480.9/16

Left Out: 27.775 $\pm$ 0.006 χ^2/NDF : 220581.5/12

Right Out: 33.411 $\pm$ 0.009 χ^2/NDF : 725189.8/17

Left In: 27.554 $\pm$ 0.007 χ^2/NDF : 113380.0/10

Left: 27.668 $\pm$ 0.005 χ^2/NDF : 334556.0/23

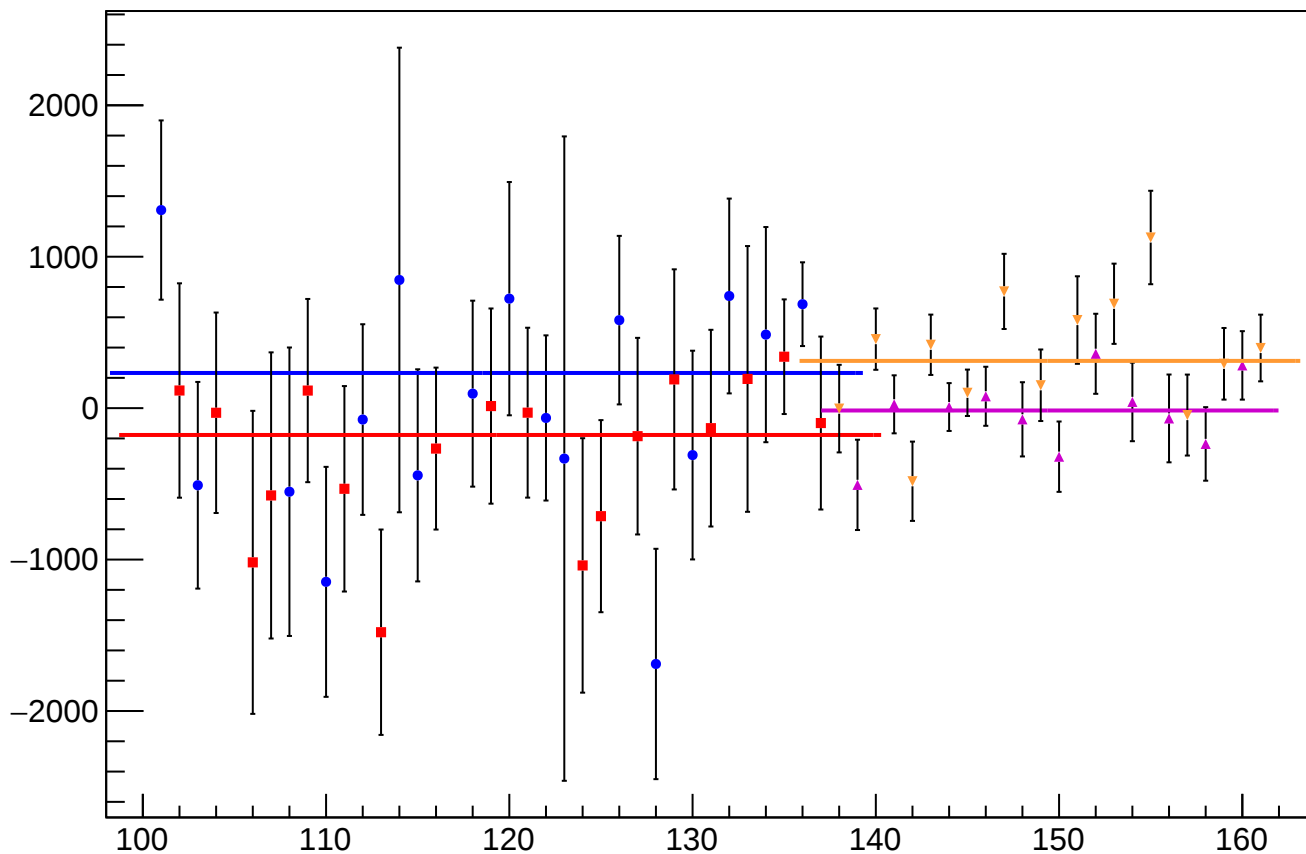
Right: 32.943 $\pm$ 0.007 χ^2/NDF : 1324698.1/34

In: 29.226 $\pm$ 0.005 χ^2/NDF : 901169.8/27

Out: 29.566 $\pm$ 0.005 χ^2/NDF : 1198438.7/30

All: 29.399 $\pm$ 0.004 χ^2/NDF : 2101682.4/58

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: 312.013 $\pm$ 64.272 χ^2 /NDF:28.8/12

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -15.459 $\pm$ 67.786 χ^2 /NDF:9.4/10

Left: 156.986 $\pm$ 46.640 χ^2 /NDF: 50.5/23

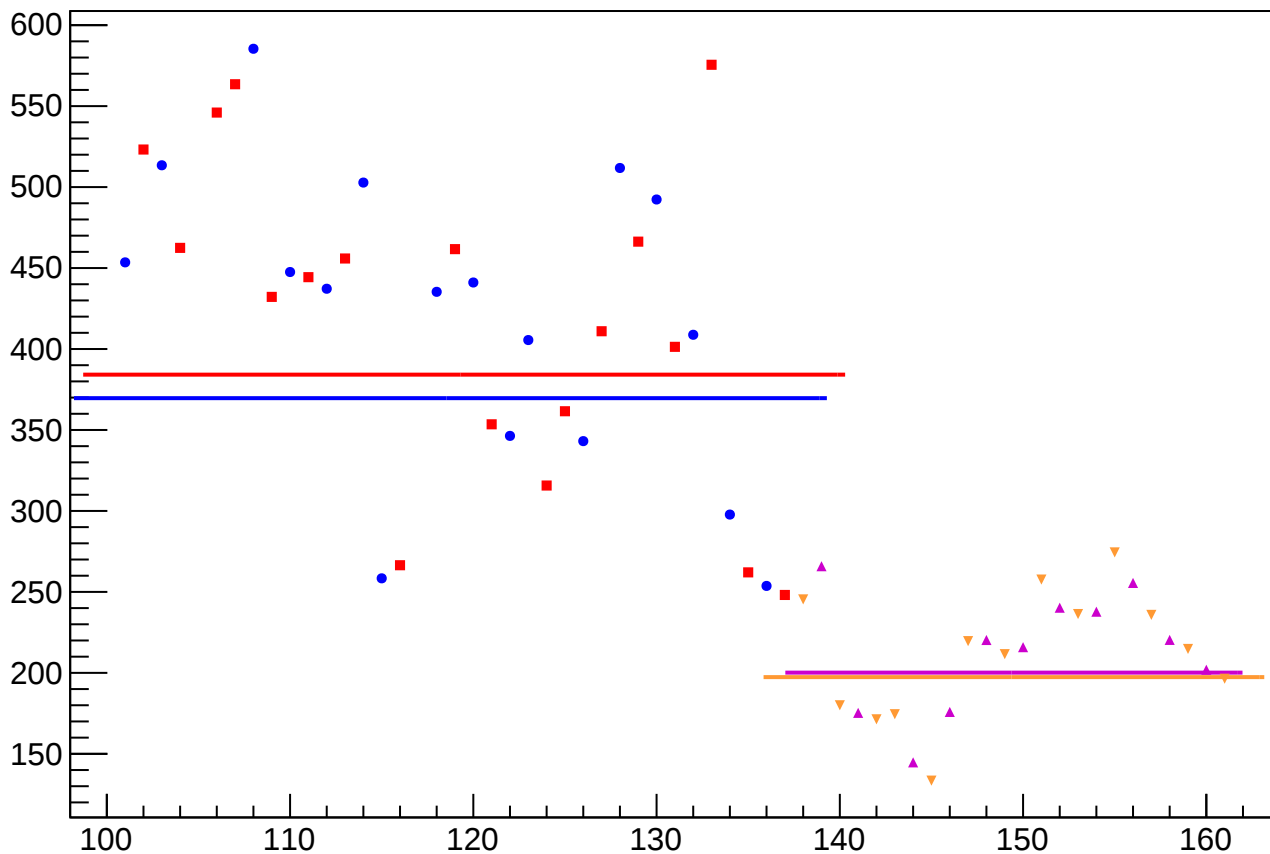
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 27.218 $\pm$ 61.673 χ^2 /NDF:33.2/27

Out: 236.139 $\pm$ 59.077 χ^2 /NDF:47.3/30

All: 136.168 $\pm$ 42.662 χ^2 /NDF: 86.5/58

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 197.372 $\pm$ 0.045 χ^2 /NDF: 794353.2/12

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 200.150 $\pm$ 0.048 χ^2 /NDF: 605507.3/10

Left: 198.687 $\pm$ 0.033 χ^2 /NDF: 1401629.9/23

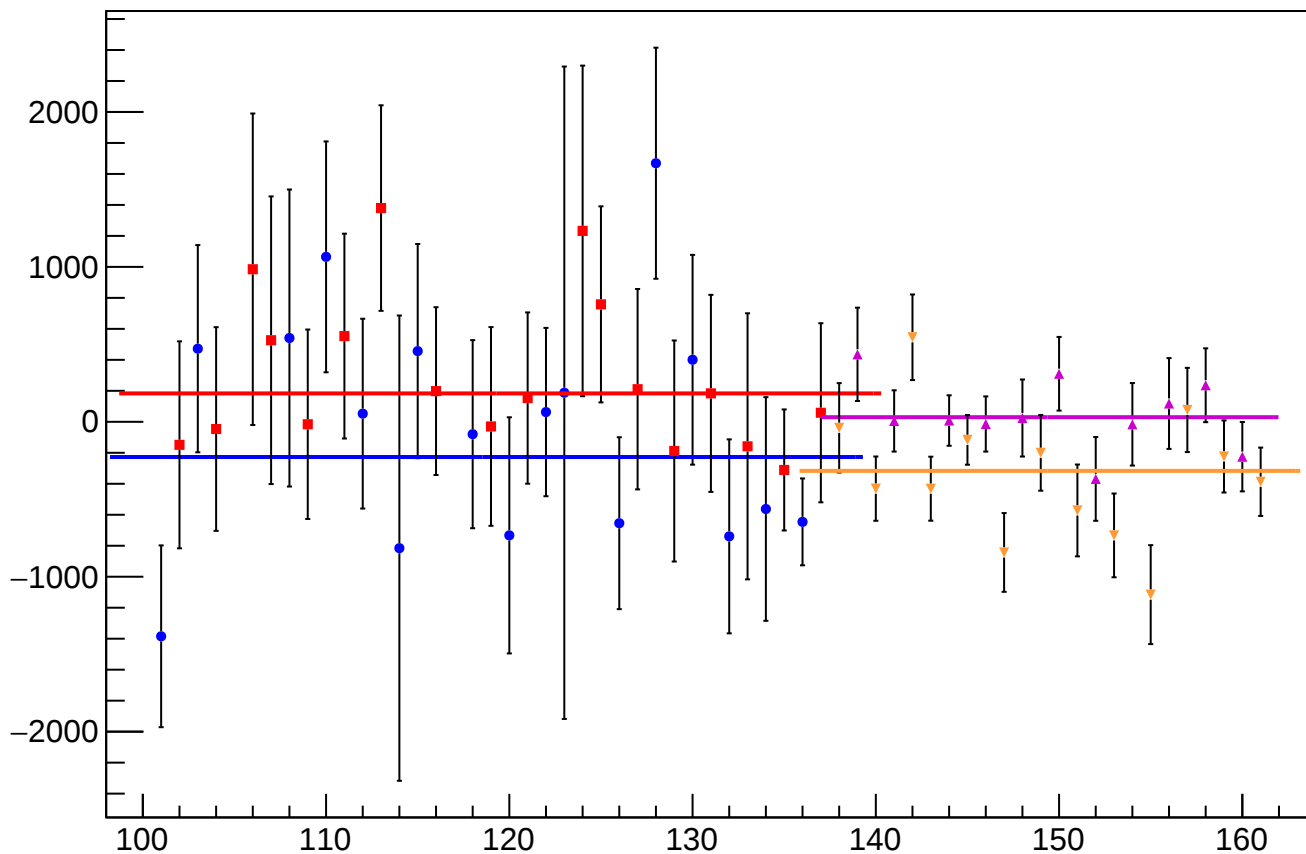
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 229.343 $\pm$ 0.044 χ^2 /NDF: 3662039.3/27

Out: 226.346 $\pm$ 0.042 χ^2 /NDF: 4289830.8/30

All: 227.780 $\pm$ 0.030 χ^2 /NDF: 7954333.2/58

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -316.602 ± 65.894 $\chi^2/\text{NDF}: 29.1/12$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 29.827 ± 67.945 $\chi^2/\text{NDF}: 7.6/10$

Left: -148.696 ± 47.303 $\chi^2/\text{NDF}: 50.1/23$

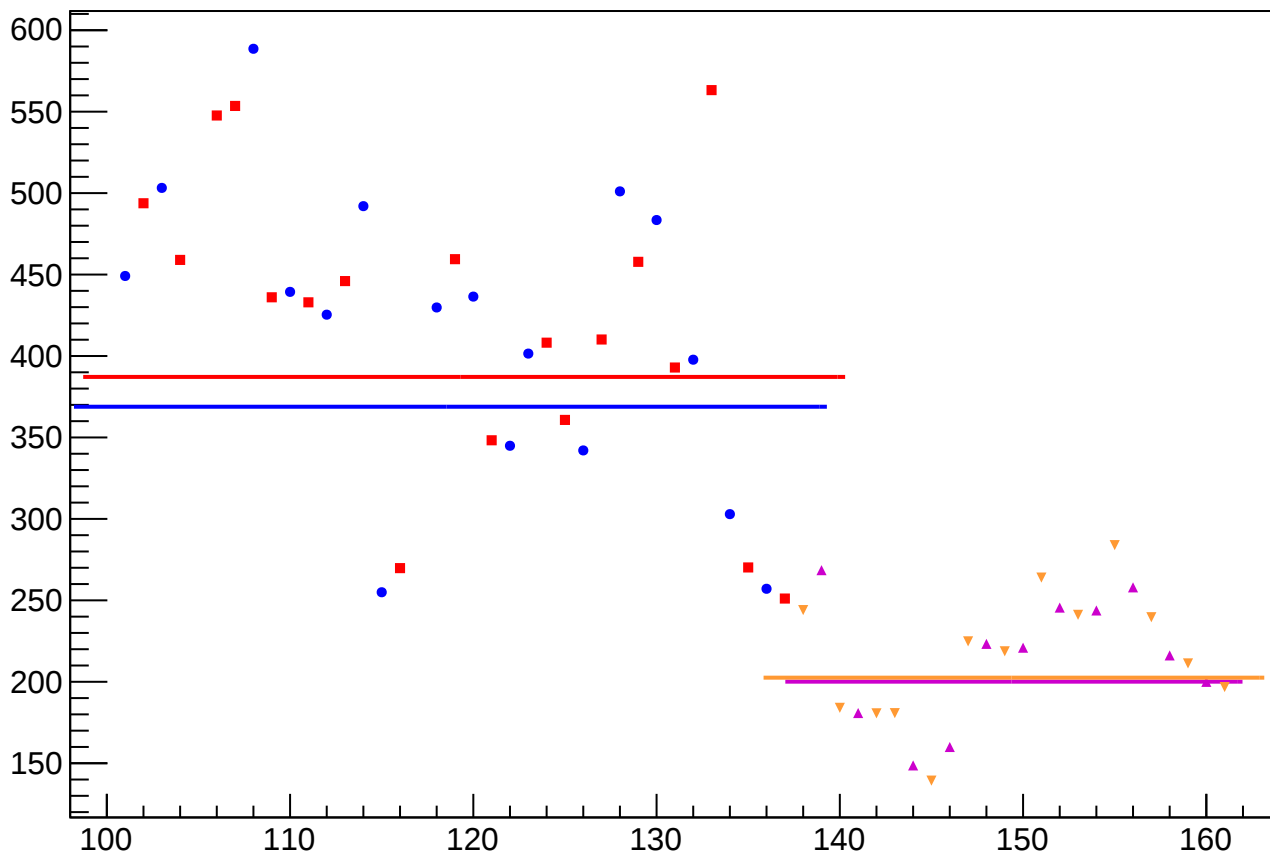
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -14.968 ± 61.743 $\chi^2/\text{NDF}: 32.0/27$

Out: -236.172 ± 60.361 $\chi^2/\text{NDF}: 47.1/30$

All: -128.074 ± 43.162 $\chi^2/\text{NDF}: 85.7/58$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 202.537 $\pm$ 0.047 χ^2/NDF : 724764.7/12

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 200.082 $\pm$ 0.048 χ^2/NDF : 653395.2/10

Left: 201.347 $\pm$ 0.033 χ^2/NDF : 1379505.5/23

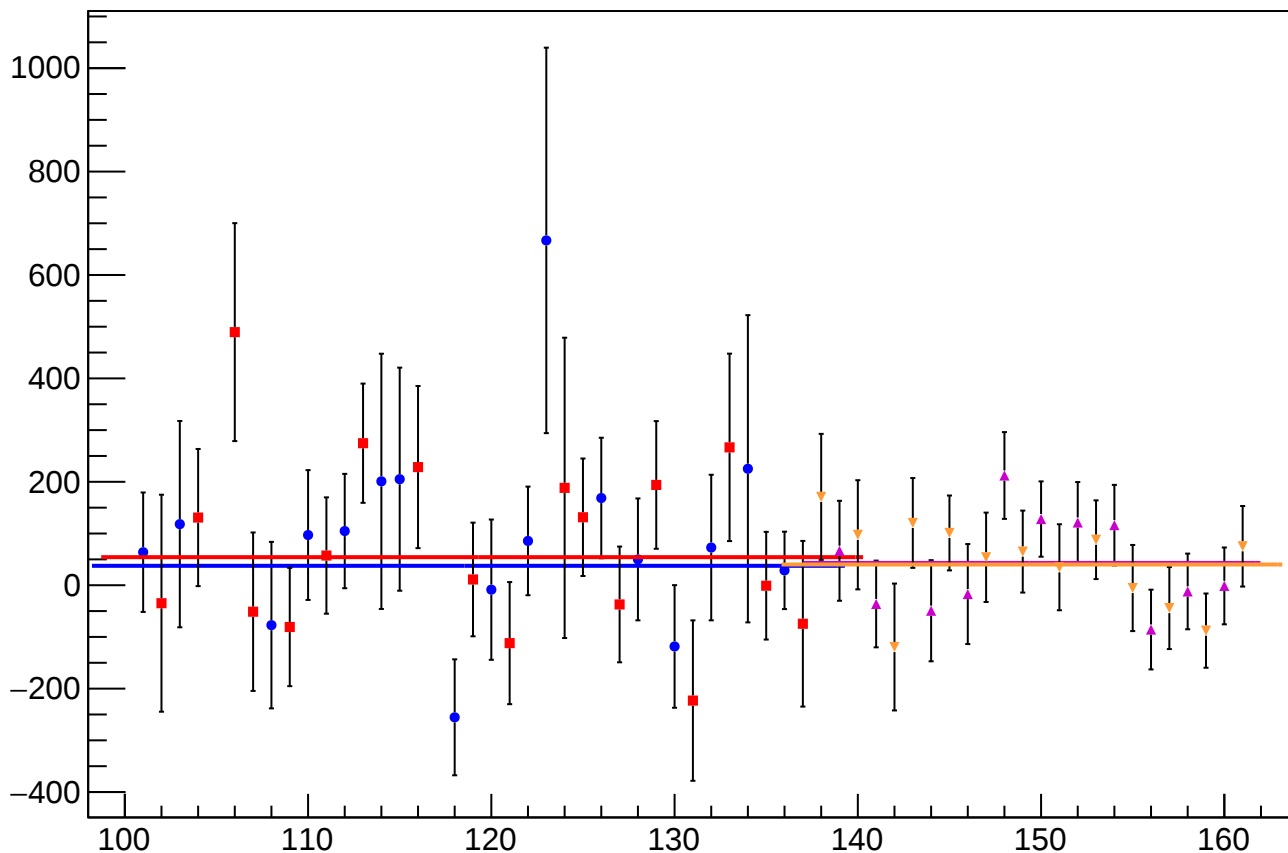
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 229.488 $\pm$ 0.044 χ^2/NDF : 3633298.0/27

Out: 232.241 $\pm$ 0.043 χ^2/NDF : 4008981.4/30

All: 230.896 $\pm$ 0.031 χ^2/NDF : 7644312.9/58

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: 40.090 $\pm$ 23.447 χ^2 /NDF:10.0/12

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 43.075 $\pm$ 24.580 χ^2 /NDF:13.2/10

Left: 41.512 $\pm$ 16.966 χ^2 /NDF: 23.3/23

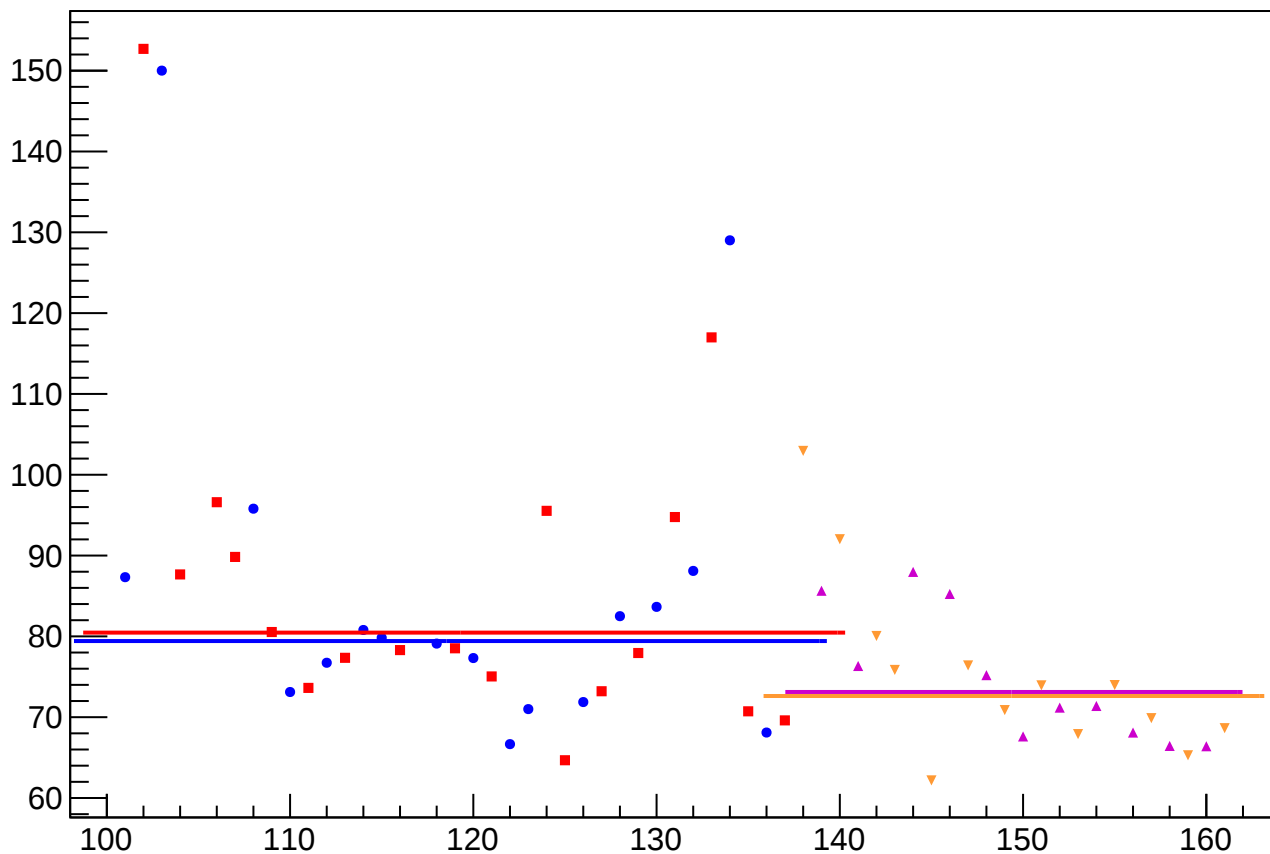
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 40.975 $\pm$ 19.369 χ^2 /NDF:29.1/27

Out: 45.149 $\pm$ 18.806 χ^2 /NDF:32.0/30

All: 43.124 $\pm$ 13.493 χ^2 /NDF: 61.1/58

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 72.621+/-0.017 χ^2/NDF : 285068.5/12

Right Out: 80.465+/-0.022 χ^2/NDF : 454376.0/17

Left In: 73.120+/-0.017 χ^2/NDF : 170497.4/10

Left: 72.858+/-0.012 χ^2/NDF : 455997.0/23

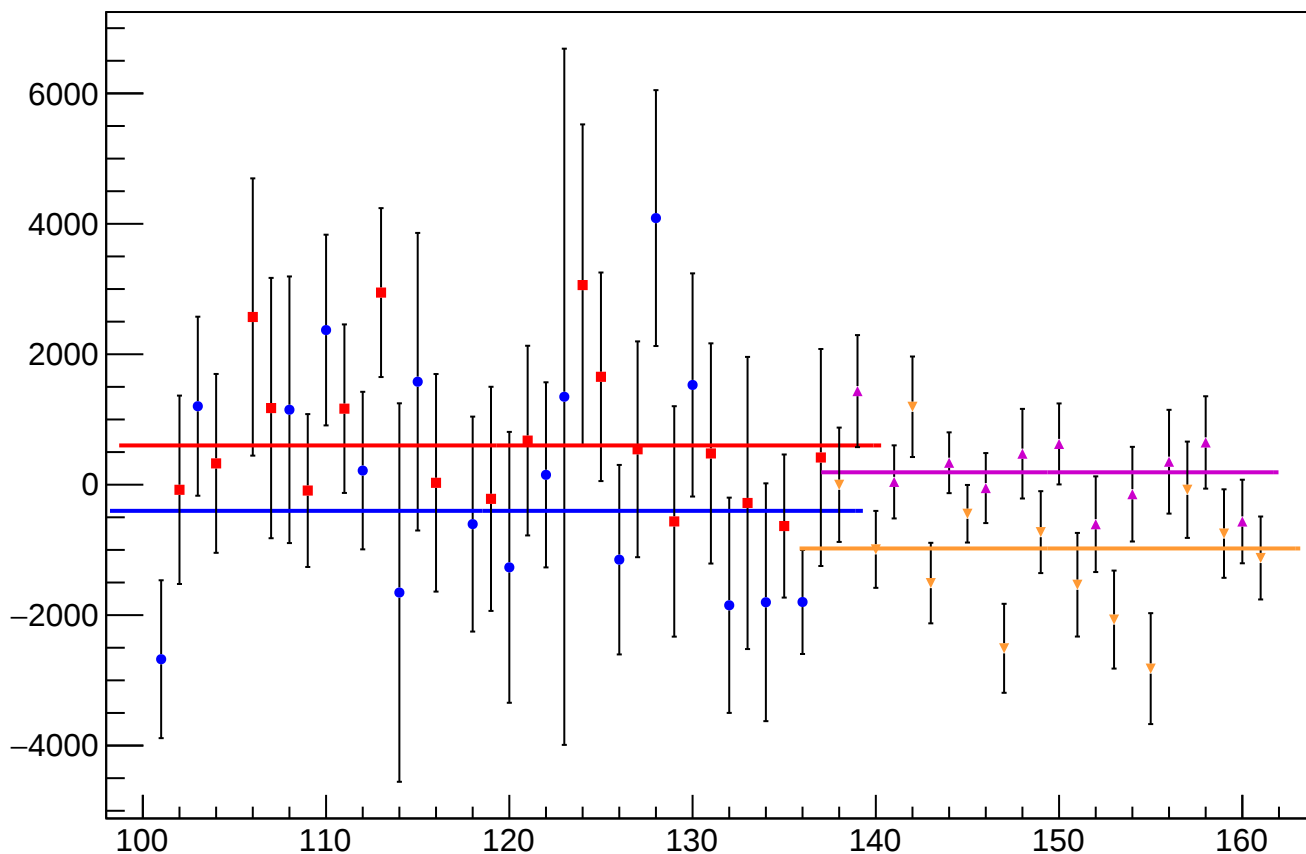
Right: 79.943+/-0.016 χ^2/NDF : 894523.3/34

In: 75.508+/-0.014 χ^2/NDF : 659374.6/27

Out: 75.419+/-0.013 χ^2/NDF : 819295.3/30

All: 75.462+/-0.010 χ^2/NDF : 1478691.9/58

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: -977.860 $\pm$ 184.077 χ^2 /NDF:25.5/12

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 190.032 $\pm$ 192.124 χ^2 /NDF:6.4/10

Left: -418.884 $\pm$ 132.916 χ^2 /NDF: 51.2/23

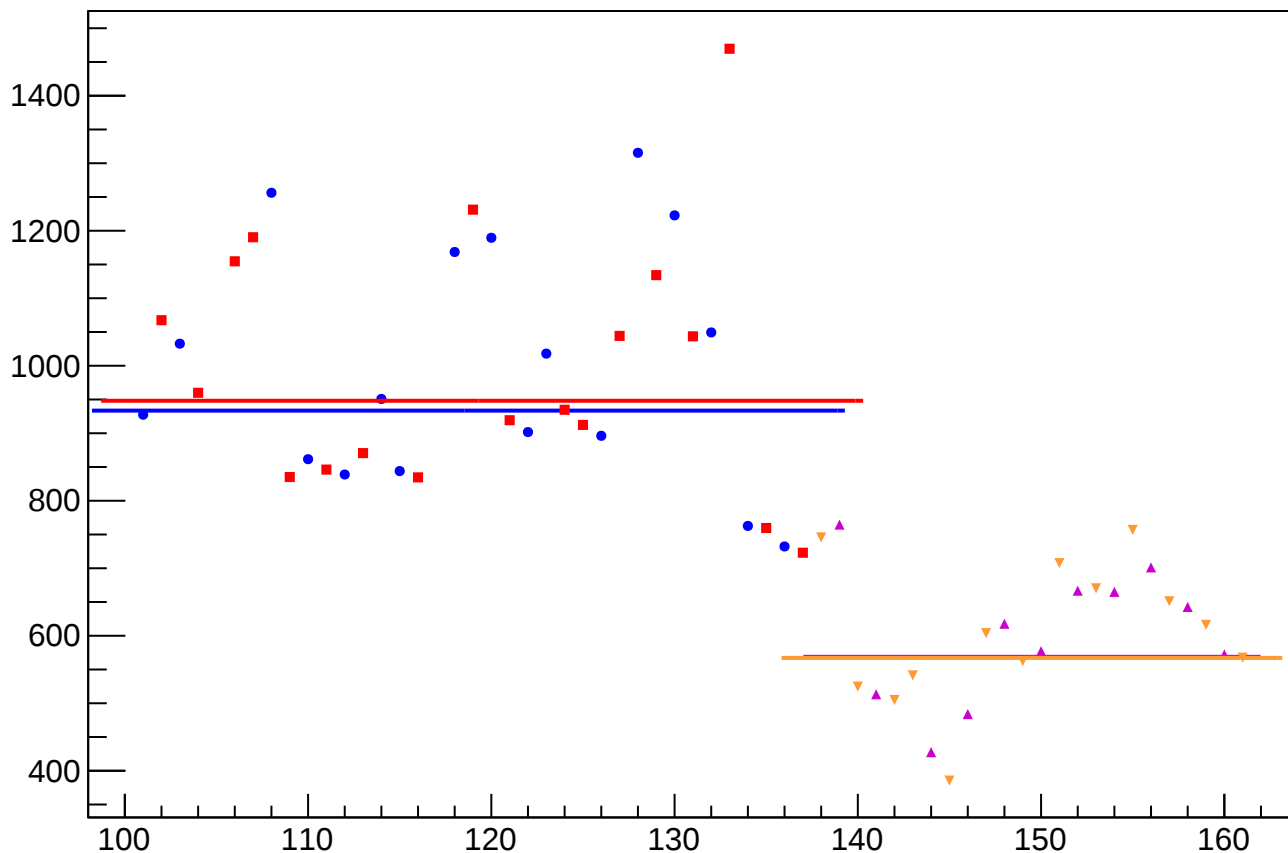
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 63.691 $\pm$ 170.358 χ^2 /NDF:30.3/27

Out: -655.666 $\pm$ 164.236 χ^2 /NDF:49.2/30

All: -309.145 $\pm$ 118.238 χ^2 /NDF: 88.8/58

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 567.197 $\pm$ 0.130 χ^2 /NDF: 690570.2/12

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 568.798 $\pm$ 0.136 χ^2 /NDF: 515916.1/10

Left: 567.963 $\pm$ 0.094 χ^2 /NDF: 1206558.7/23

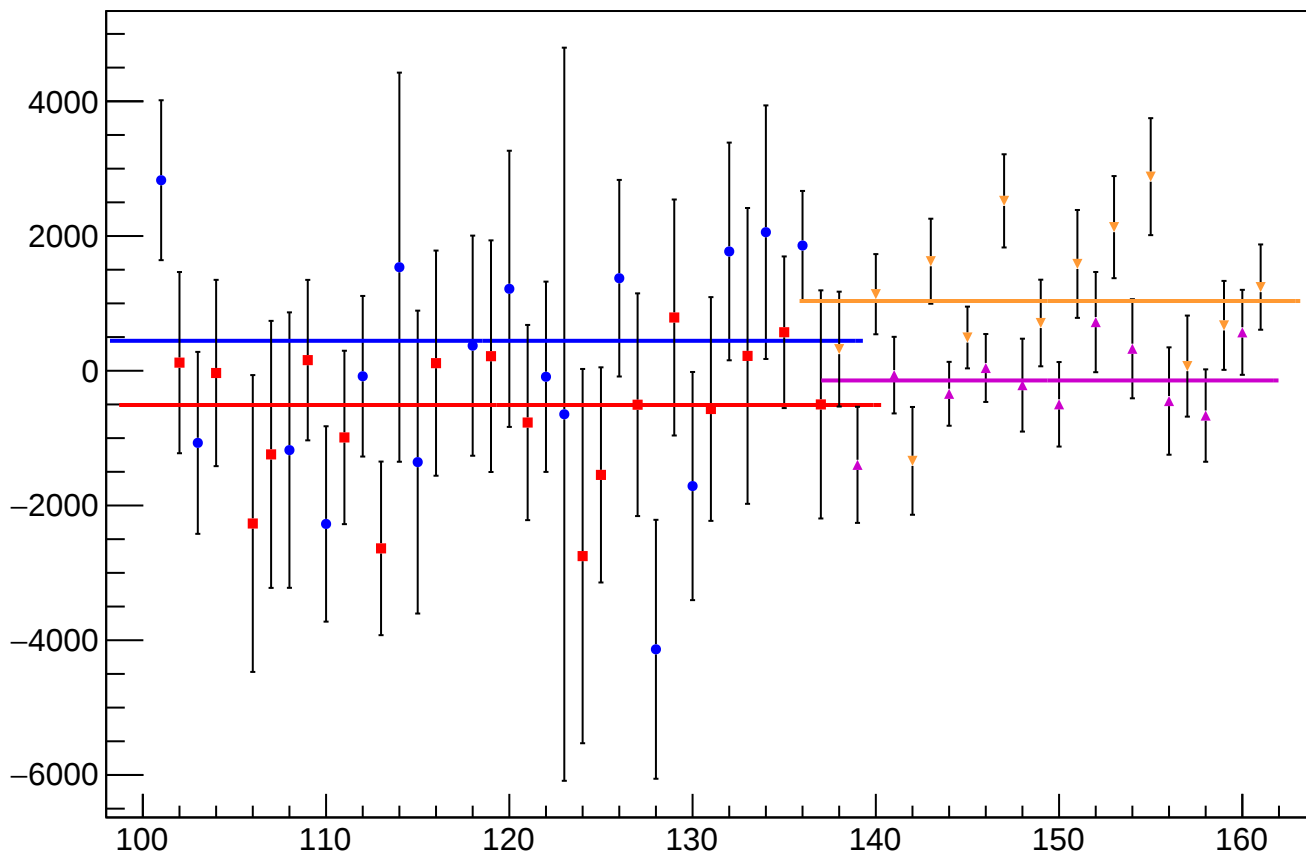
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 646.758 $\pm$ 0.120 χ^2 /NDF: 2498922.7/27

Out: 644.889 $\pm$ 0.116 χ^2 /NDF: 2842591.6/30

All: 645.790 $\pm$ 0.084 χ^2 /NDF: 5341639.1/58

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1035.481+/-186.540 χ^2/NDF :25.8/12

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -143.896+/-191.262 χ^2/NDF :6.5/10

Left: 460.531+/-133.542 χ^2/NDF : 51.9/23

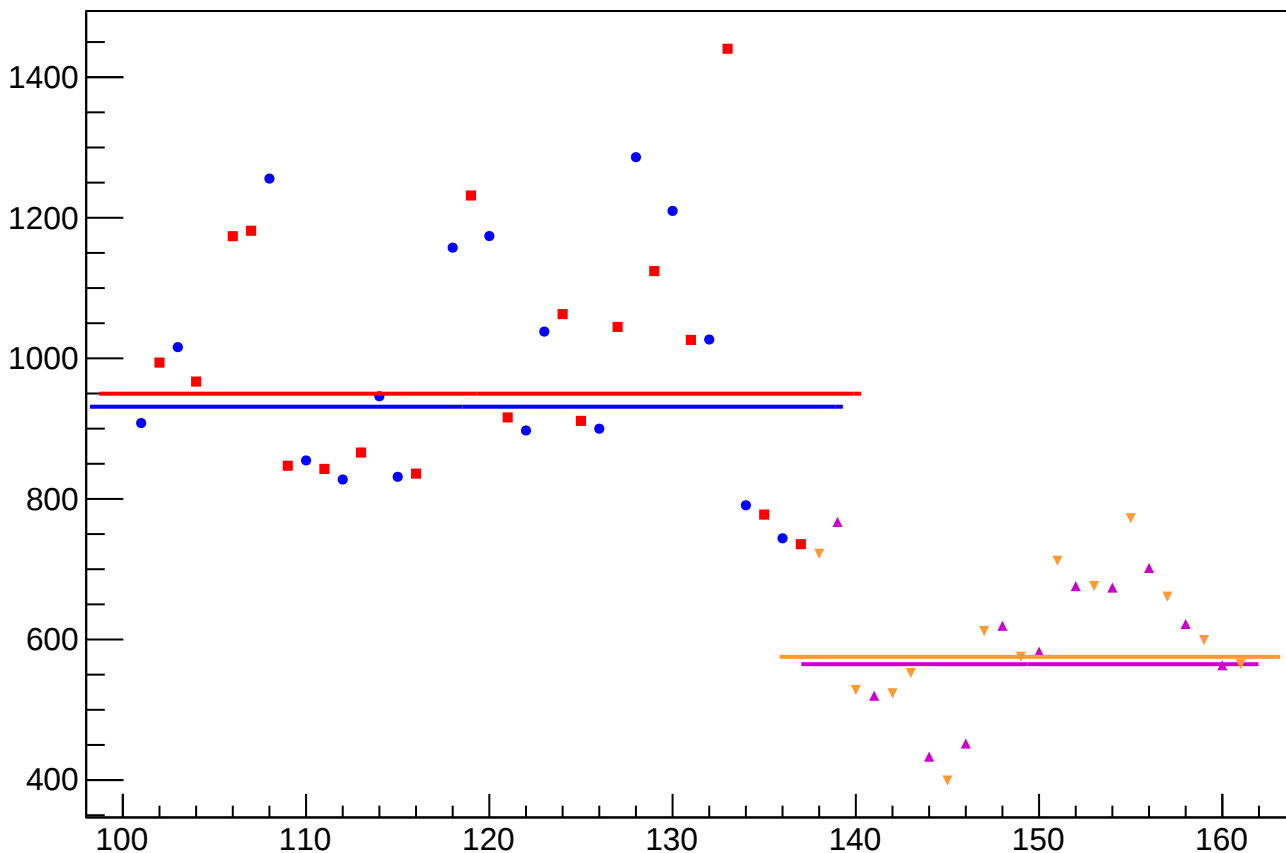
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -18.239+/-169.621 χ^2/NDF :31.5/27

Out: 714.545+/-166.021 χ^2/NDF :47.4/30

All: 356.012+/-118.647 χ^2/NDF : 88.4/58

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 575.343 $\pm$ 0.132 χ^2 /NDF: 609455.8/12

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 564.892 $\pm$ 0.135 χ^2 /NDF: 552586.6/10

Left: 570.248 $\pm$ 0.094 χ^2 /NDF: 1165102.8/23

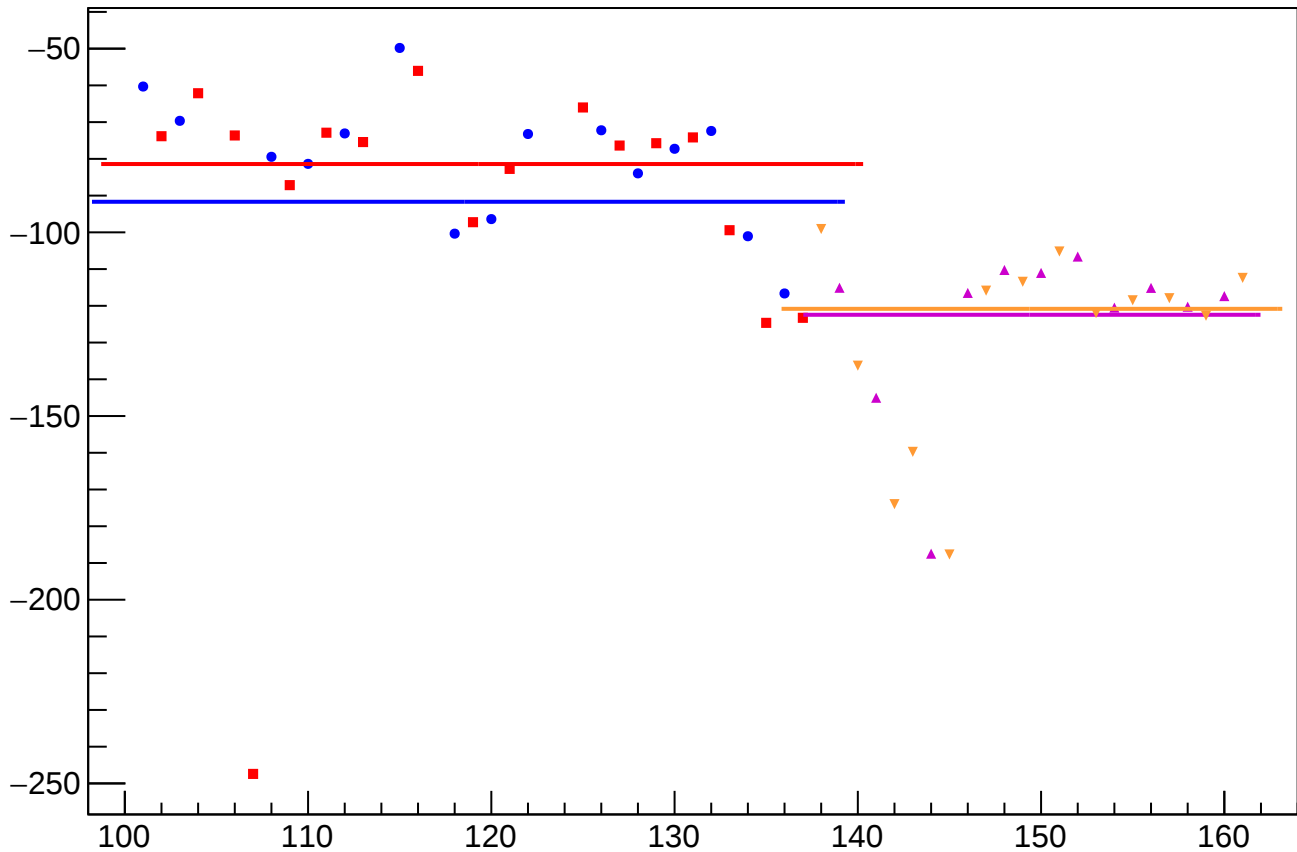
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 643.098 $\pm$ 0.120 χ^2 /NDF: 2519088.1/27

Out: 653.180 $\pm$ 0.117 χ^2 /NDF: 2649973.0/30

All: 648.247 $\pm$ 0.084 χ^2 /NDF: 5172669.7/58

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 $\pm$ 0.070 χ^2 /NDF: 64621.9/14

Left Out: -120.819 $\pm$ 0.081 χ^2 /NDF: 22696.1/12

Right Out: -81.406 $\pm$ 0.098 χ^2 /NDF: 41708.8/16

Left In: -122.440 $\pm$ 0.079 χ^2 /NDF: 42422.9/10

Left: -121.656 $\pm$ 0.056 χ^2 /NDF: 65324.7/23

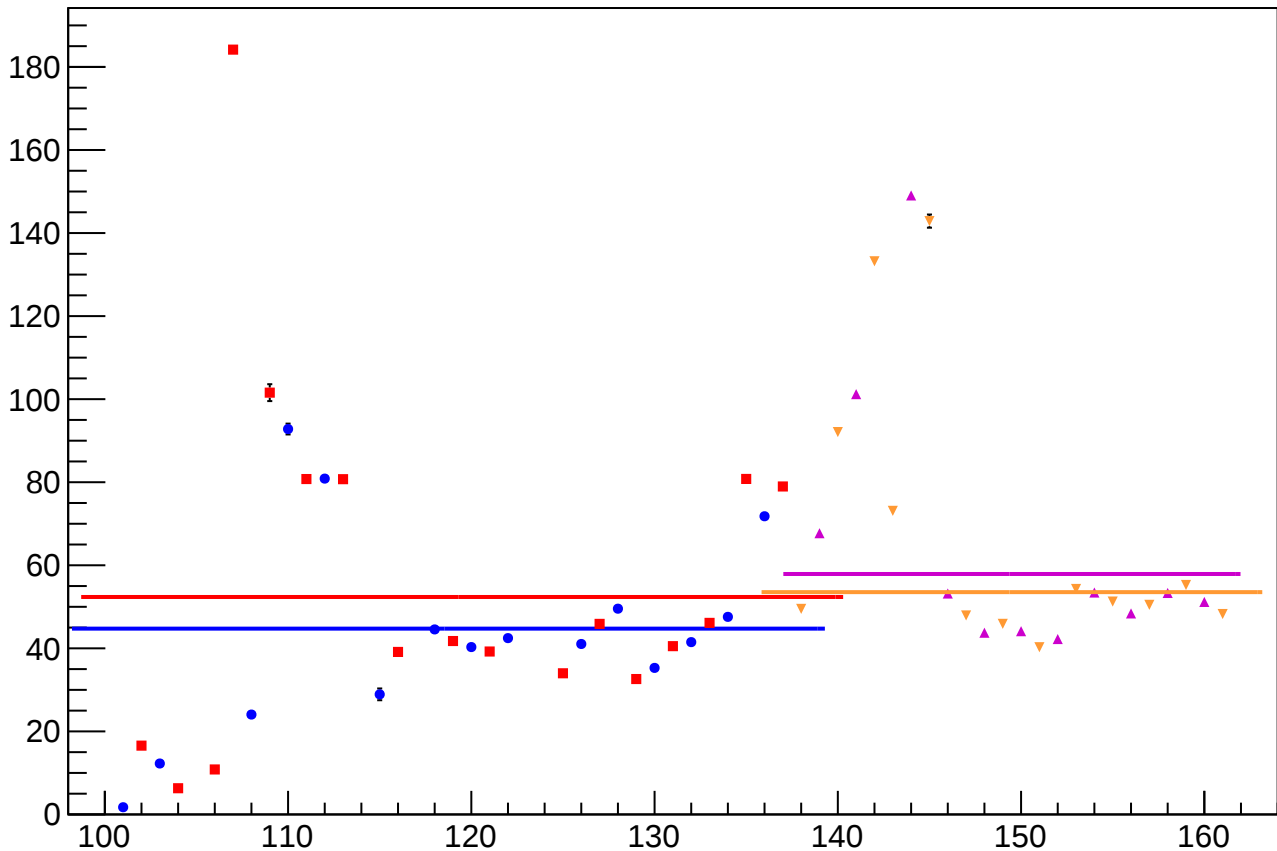
Right: -88.221 $\pm$ 0.057 χ^2 /NDF: 113551.1/31

In: -105.317 $\pm$ 0.052 χ^2 /NDF: 192331.4/25

Out: -104.863 $\pm$ 0.063 χ^2 /NDF: 159757.1/29

All: -105.131 $\pm$ 0.040 χ^2 /NDF: 352119.4/55

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 53.533+/-0.066 χ^2/NDF : 42139.0/12

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 57.903+/-0.067 χ^2/NDF : 106764.9/10

Left: 55.664+/-0.047 χ^2/NDF : 151054.8/23

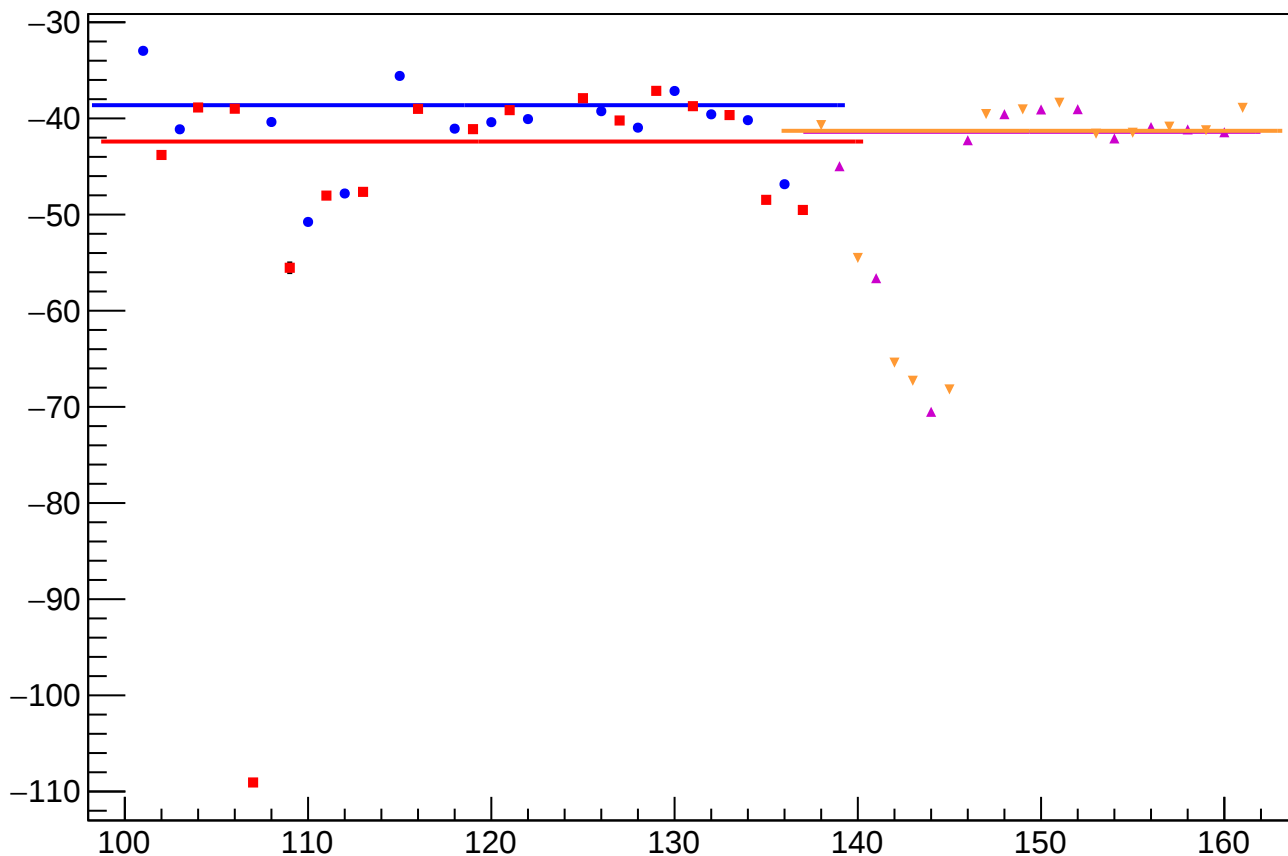
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.619+/-0.045 χ^2/NDF : 212531.5/25

Out: 53.236+/-0.057 χ^2/NDF : 111504.2/29

All: 51.630+/-0.035 χ^2/NDF : 325338.7/55

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.290 ± 0.009 $\chi^2/\text{NDF}: 188252.4/12$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.396 ± 0.010 $\chi^2/\text{NDF}: 142430.8/10$

Left: -41.336 ± 0.007 $\chi^2/\text{NDF}: 330741.0/23$

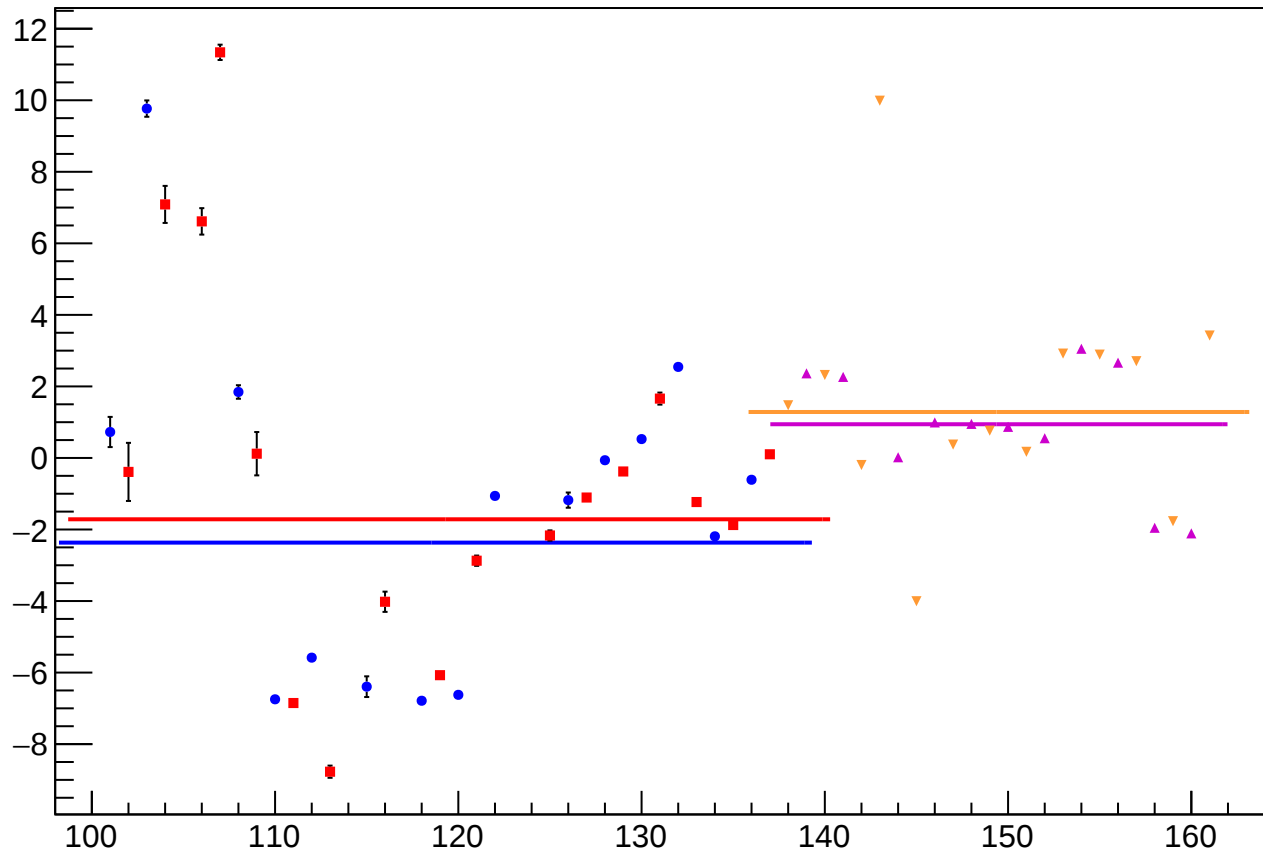
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.693 ± 0.006 $\chi^2/\text{NDF}: 425808.1/25$

Out: -41.465 ± 0.008 $\chi^2/\text{NDF}: 459710.0/29$

All: -40.352 ± 0.005 $\chi^2/\text{NDF}: 913325.7/55$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367+/-0.014 χ^2/NDF : 28797.3/14

Left Out: 1.285+/-0.010 χ^2/NDF : 38926.0/12

Right Out: -1.715+/-0.027 χ^2/NDF : 12719.3/16

Left In: 0.943+/-0.009 χ^2/NDF : 36691.2/10

Left: 1.095+/-0.007 χ^2/NDF : 76257.4/23

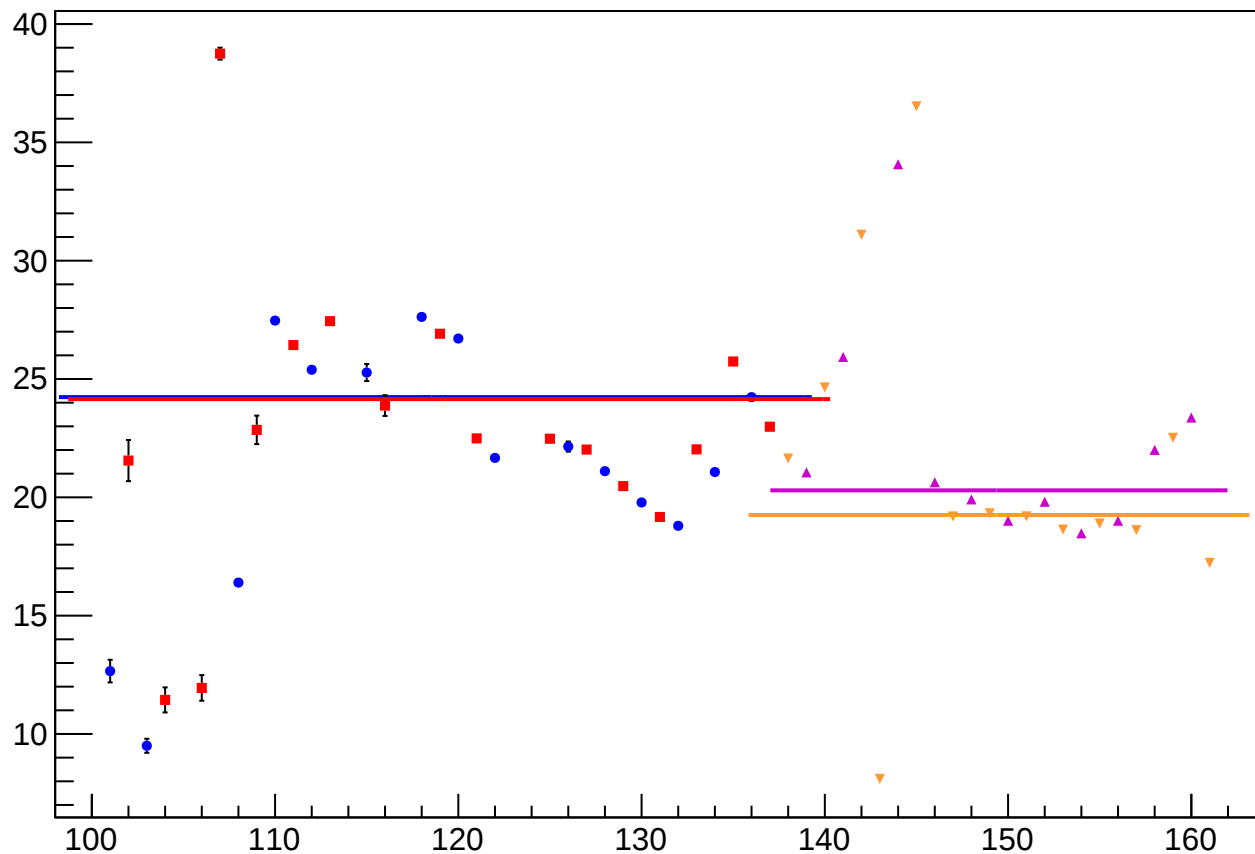
Right: -2.227+/-0.012 χ^2/NDF : 41975.5/31

In: -0.024+/-0.008 χ^2/NDF : 104624.5/25

Out: 0.918+/-0.009 χ^2/NDF : 62487.5/29

All: 0.347+/-0.006 χ^2/NDF : 173155.5/55

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 19.254 $\pm$ 0.010 χ^2 /NDF: 48358.7/12

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.295 $\pm$ 0.009 χ^2 /NDF: 66121.3/10

Left: 19.851 $\pm$ 0.007 χ^2 /NDF: 120440.4/23

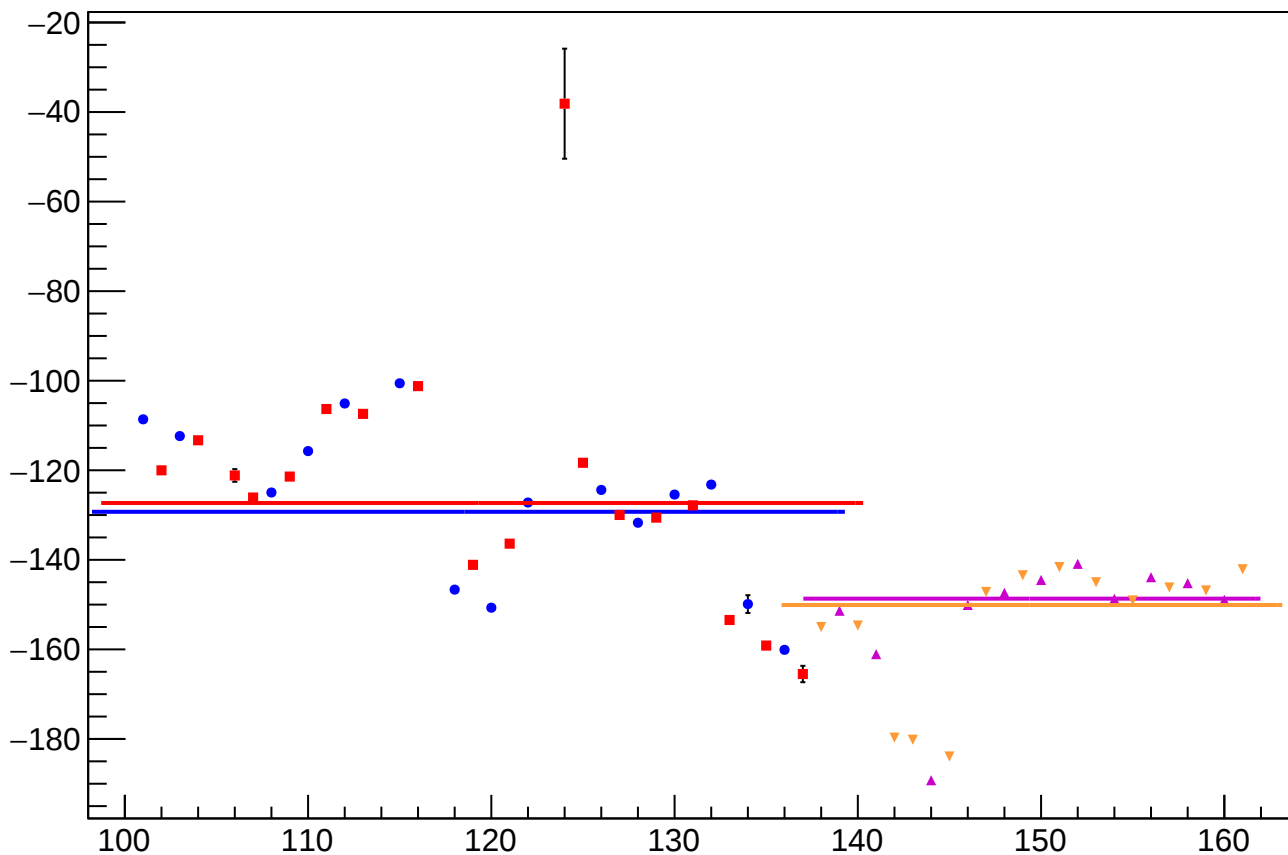
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.838 $\pm$ 0.008 χ^2 /NDF: 115617.1/25

Out: 19.985 $\pm$ 0.009 χ^2 /NDF: 95916.3/29

All: 20.471 $\pm$ 0.006 χ^2 /NDF: 216214.7/55

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -150.092 ± 0.068 χ^2/NDF : 27700.4/12

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -148.670 ± 0.063 χ^2/NDF : 20820.7/10

Left: -149.328 ± 0.046 χ^2/NDF : 48757.4/23

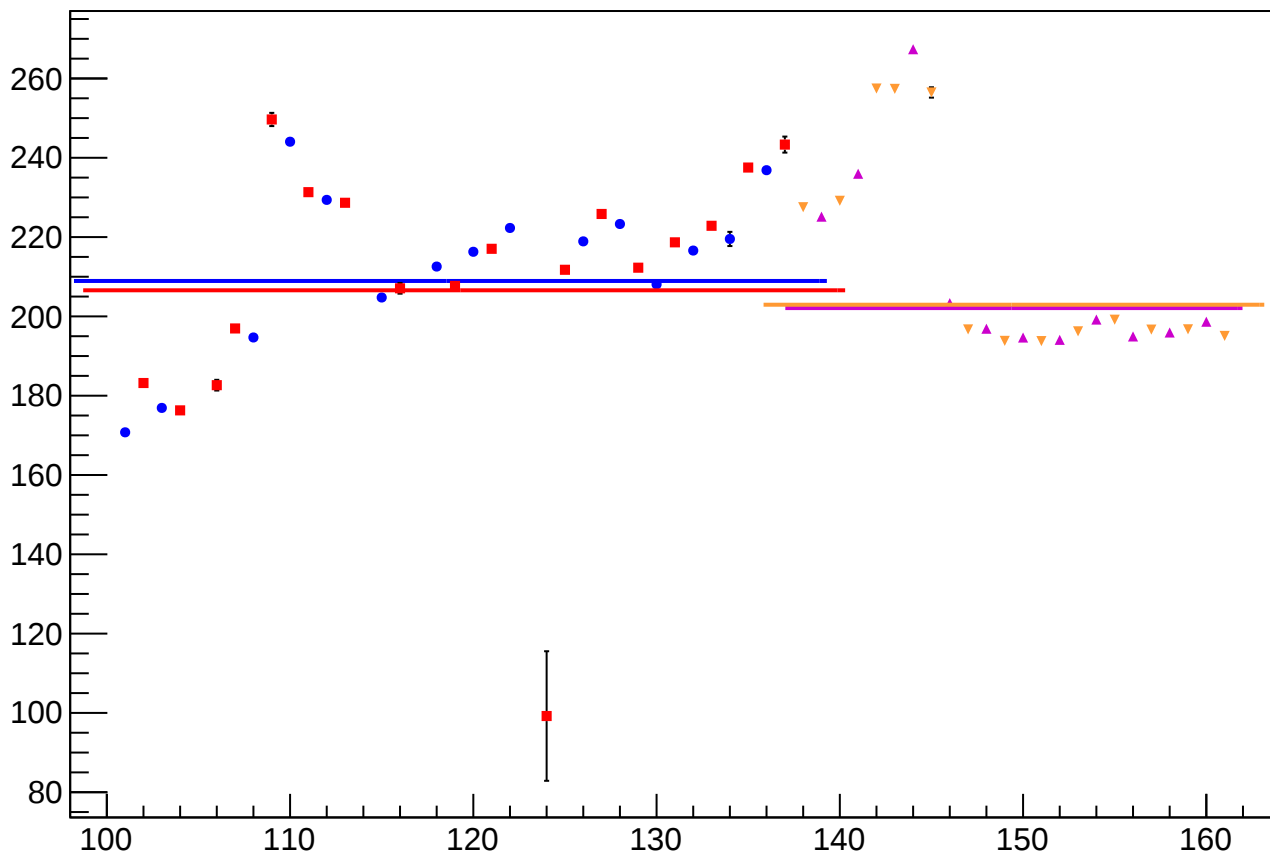
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.083 ± 0.051 χ^2/NDF : 88184.8/25

Out: -141.141 ± 0.053 χ^2/NDF : 101655.5/30

All: -141.627 ± 0.037 χ^2/NDF : 190004.4/56

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.943 $\pm$ 0.055 χ^2/NDF :102931.3/12

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 202.096 $\pm$ 0.054 χ^2/NDF :74642.1/10

Left: 202.515 $\pm$ 0.039 χ^2/NDF : 177692.9/23

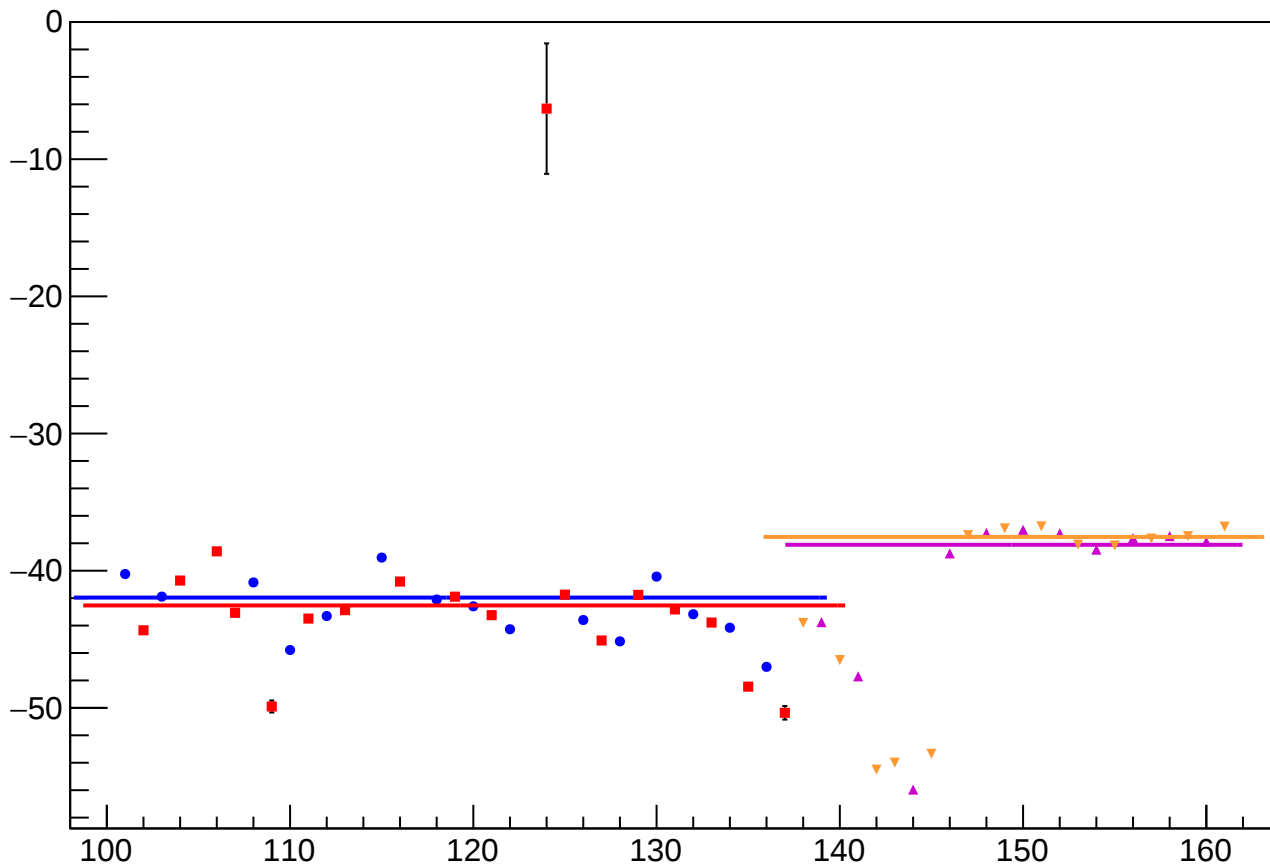
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 203.953 $\pm$ 0.046 χ^2/NDF :123606.9/25

Out: 204.052 $\pm$ 0.046 χ^2/NDF :152471.2/30

All: 204.003 $\pm$ 0.033 χ^2/NDF : 276080.4/56

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.537 $\pm$ 0.005 χ^2 /NDF: 220246.9/12

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -38.110 $\pm$ 0.005 χ^2 /NDF: 128954.2/10

Left: -37.779 $\pm$ 0.004 χ^2 /NDF: 355512.4/23

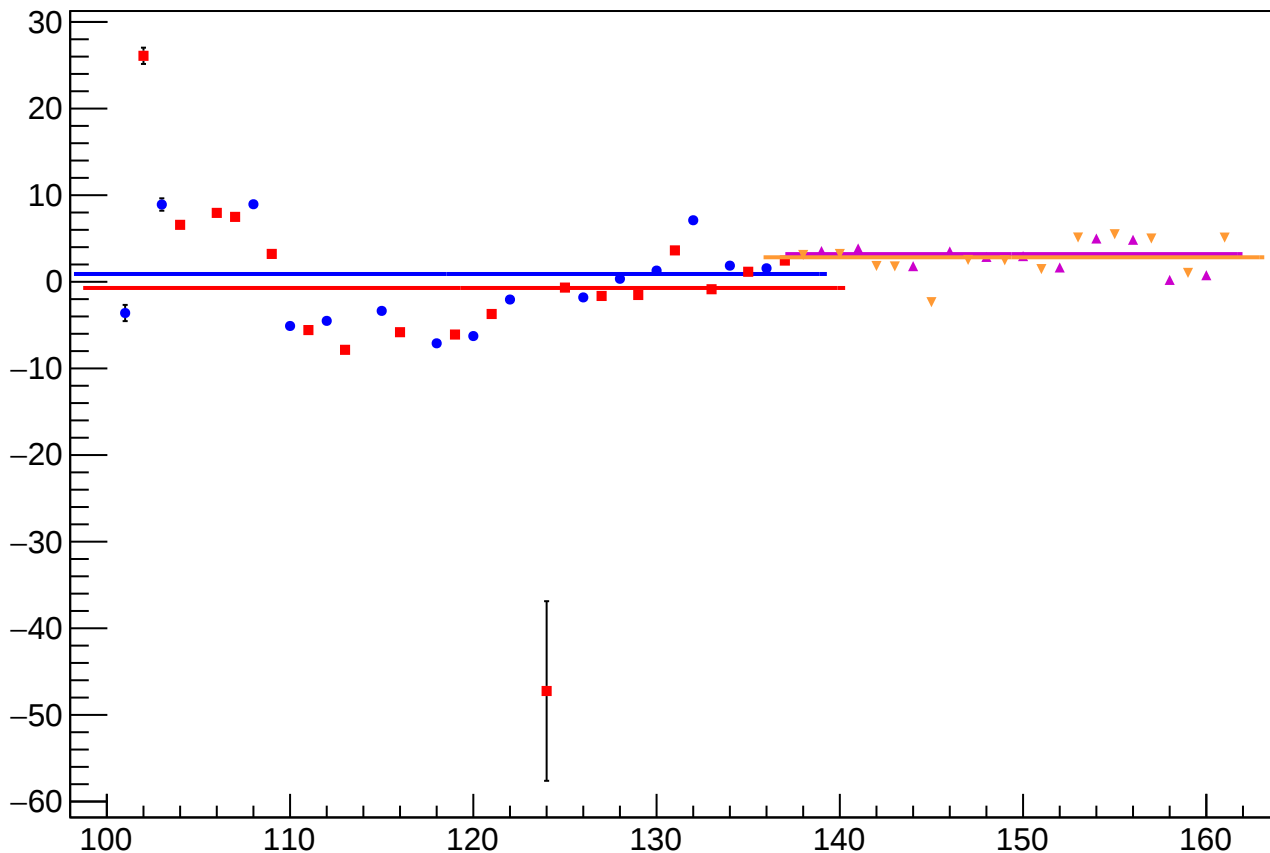
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.534 $\pm$ 0.005 χ^2 /NDF: 207324.3/25

Out: -37.782 $\pm$ 0.005 χ^2 /NDF: 282006.2/30

All: -38.111 $\pm$ 0.003 χ^2 /NDF: 501196.9/56

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.831 ± 0.009 $\chi^2/\text{NDF}: 35844.9/12$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.200 ± 0.009 $\chi^2/\text{NDF}: 34774.2/10$

Left: 3.023 ± 0.006 $\chi^2/\text{NDF}: 71426.0/23$

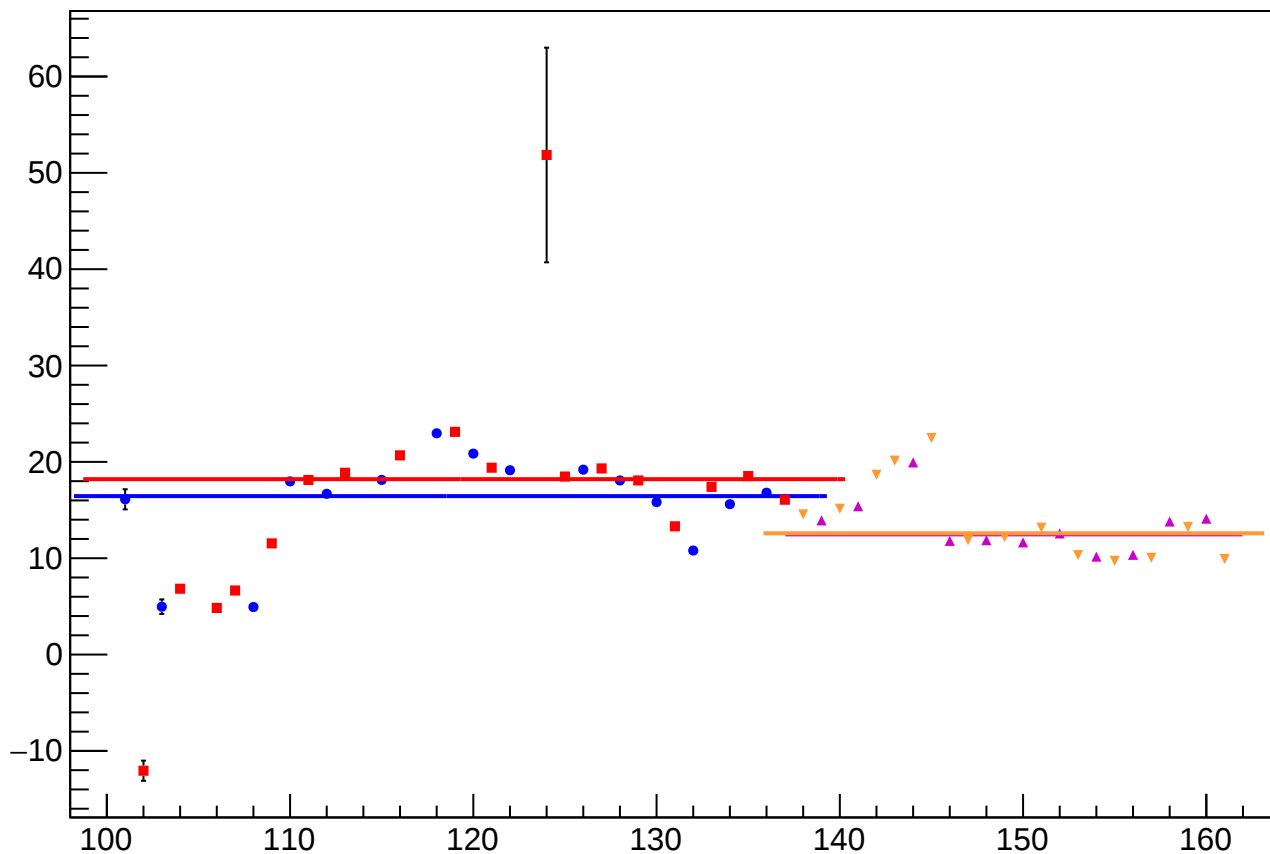
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.815 ± 0.008 $\chi^2/\text{NDF}: 66844.7/25$

Out: 2.375 ± 0.009 $\chi^2/\text{NDF}: 85081.0/30$

All: 2.609 ± 0.006 $\chi^2/\text{NDF}: 153280.2/56$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 12.590 ± 0.011 $\chi^2/\text{NDF}: 58611.0/12$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 12.476 ± 0.011 $\chi^2/\text{NDF}: 26129.0/10$

Left: 12.534 ± 0.008 $\chi^2/\text{NDF}: 84794.8/23$

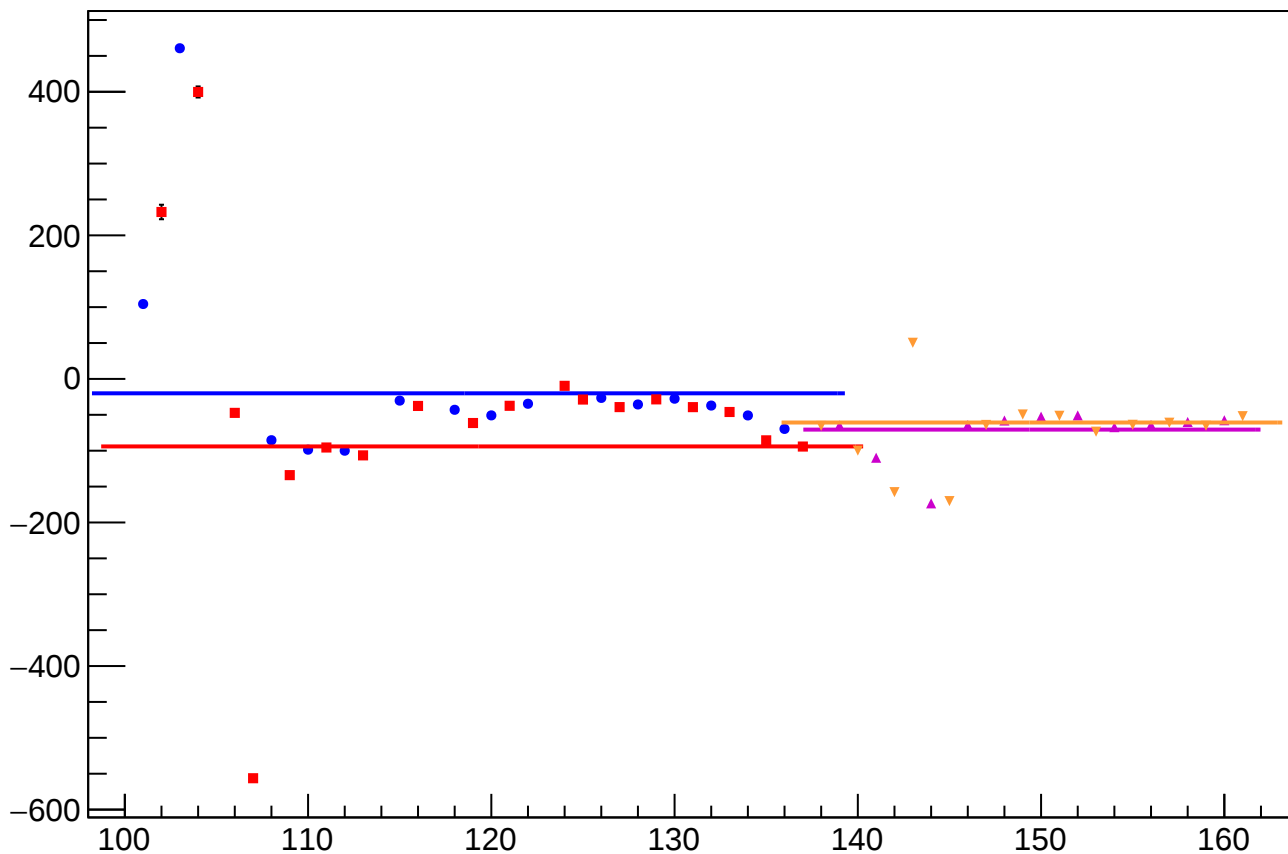
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 13.143 ± 0.010 $\chi^2/\text{NDF}: 62339.5/25$

Out: 13.820 ± 0.010 $\chi^2/\text{NDF}: 145129.1/30$

All: 13.497 ± 0.007 $\chi^2/\text{NDF}: 209862.3/56$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.733 ± 0.131 $\chi^2/\text{NDF}: 45252.7/12$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -70.626 ± 0.153 $\chi^2/\text{NDF}: 35983.4/10$

Left: -64.915 ± 0.100 $\chi^2/\text{NDF}: 83647.0/23$

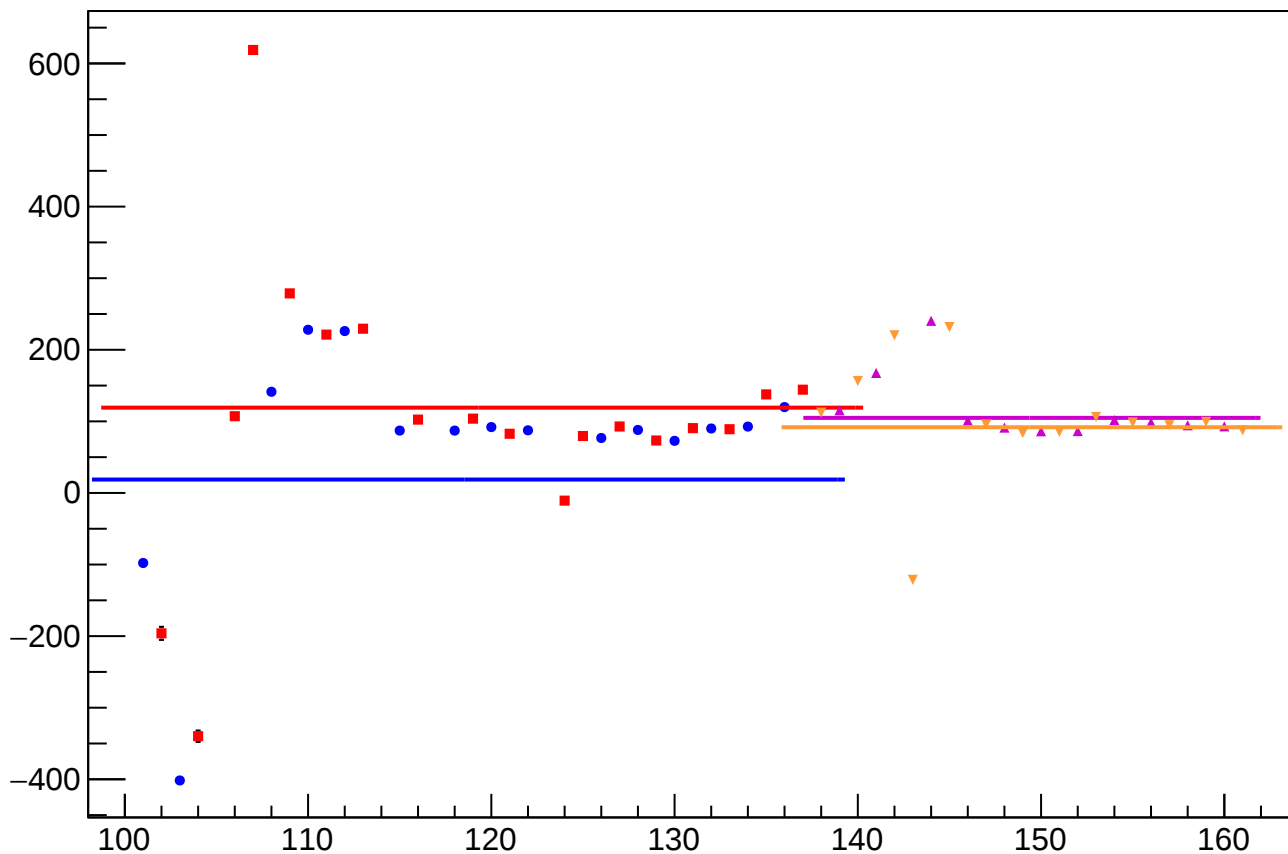
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.353 ± 0.108 $\chi^2/\text{NDF}: 531980.5/25$

Out: -93.753 ± 0.012 $\chi^2/\text{NDF}: 196844.4/30$

All: -93.128 ± 0.012 $\chi^2/\text{NDF}: 926085.4/56$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.803+/-0.111 χ^2/NDF :167342.8/12

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 104.896+/-0.131 χ^2/NDF :57062.9/10

Left: 97.244+/-0.085 χ^2/NDF : 230210.6/23

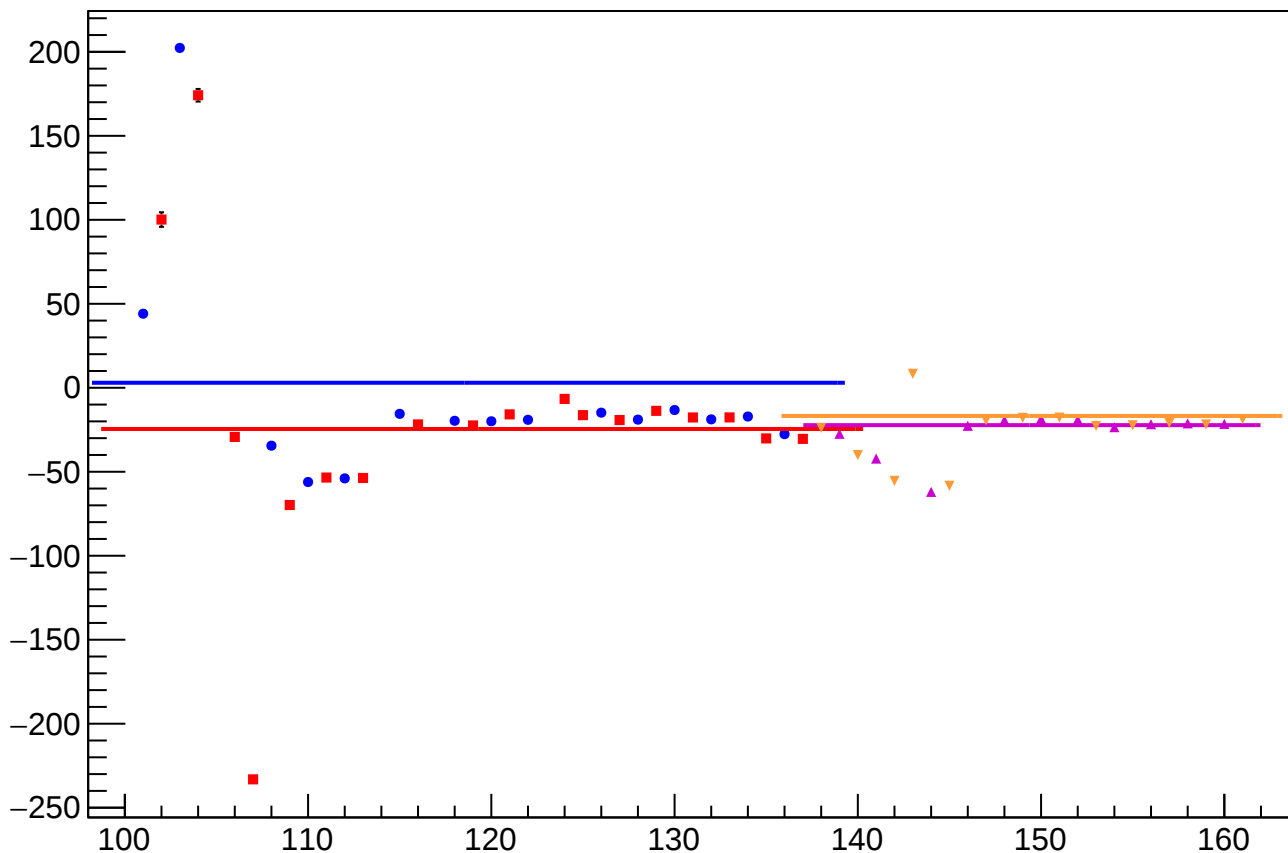
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 68.071+/-0.099 χ^2/NDF :1342694.1/25

Out: 98.265+/-0.097 χ^2/NDF :269200.0/30

All: 83.567+/-0.069 χ^2/NDF : 1659229.5/56

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.771 ± 0.015 $\chi^2/\text{NDF}: 568625.9/12$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.242 ± 0.019 $\chi^2/\text{NDF}: 117478.7/10$

Left: -18.910 ± 0.012 $\chi^2/\text{NDF}: 736371.0/23$

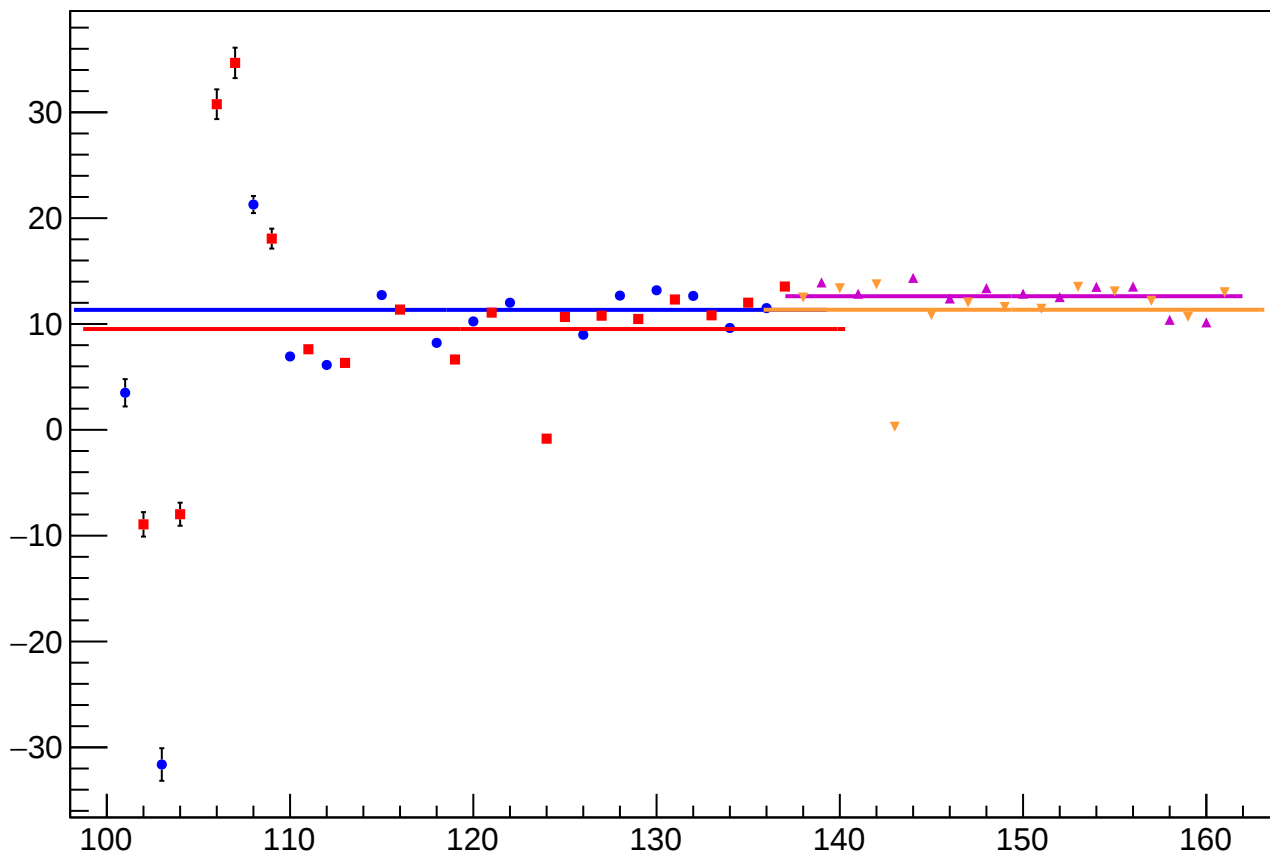
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -13.812 ± 0.016 $\chi^2/\text{NDF}: 4200759.8/25$

Out: -17.617 ± 0.014 $\chi^2/\text{NDF}: 773316.1/30$

All: -15.859 ± 0.011 $\chi^2/\text{NDF}: 5006338.2/56$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.344 $\pm$ 0.020 χ^2 /NDF:28354.2/12

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.625 $\pm$ 0.018 χ^2 /NDF:4529.0/10

Left: 12.064 $\pm$ 0.013 χ^2 /NDF: 35148.7/23

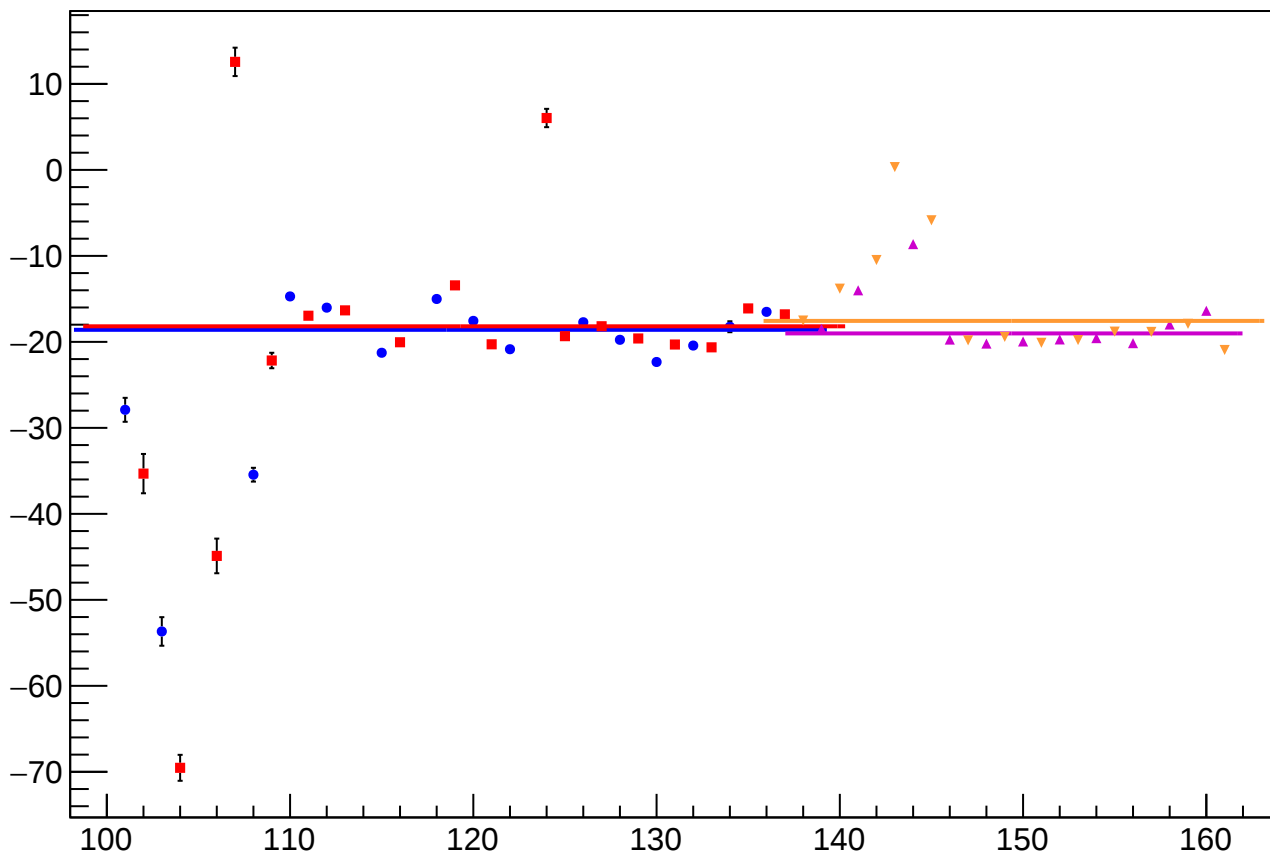
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.386 $\pm$ 0.016 χ^2 /NDF:7907.2/25

Out: 11.071 $\pm$ 0.019 χ^2 /NDF:33642.7/30

All: 11.824 $\pm$ 0.012 χ^2 /NDF: 44411.1/56

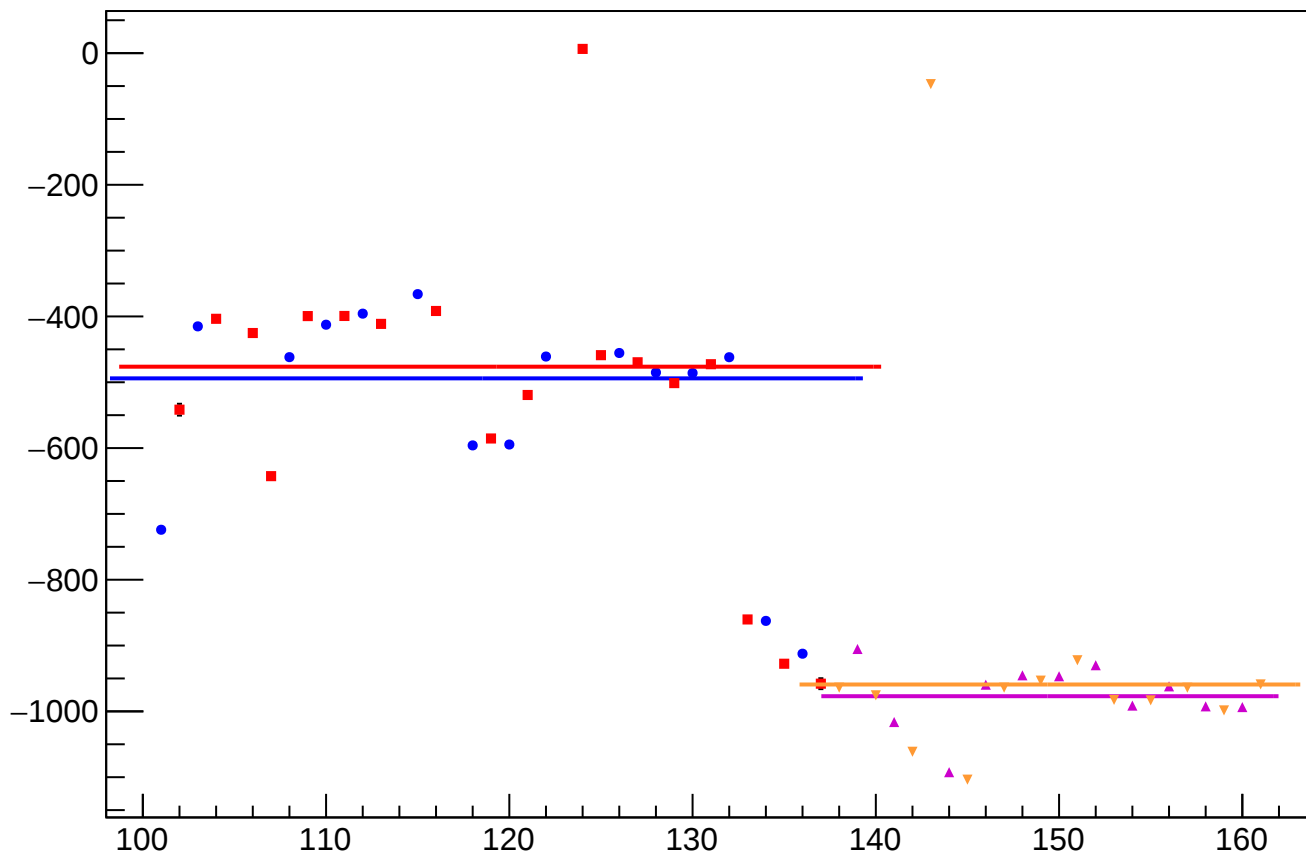
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -17.560 ± 0.022 χ^2/NDF : 45541.3/12
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.016 ± 0.020 χ^2/NDF : 8104.5/10

Left: -18.346 ± 0.015 χ^2/NDF : 56025.5/23
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -18.920 ± 0.018 χ^2/NDF : 14391.7/25
 Out: -17.664 ± 0.020 χ^2/NDF : 50557.6/30
 All: -18.367 ± 0.013 χ^2/NDF : 67148.8/56

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -959.174 ± 0.223 $\chi^2/\text{NDF}: 312167.8/12$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -976.961 ± 0.210 $\chi^2/\text{NDF}: 22835.8/10$

Left: -968.611 ± 0.153 $\chi^2/\text{NDF}: 338375.7/23$

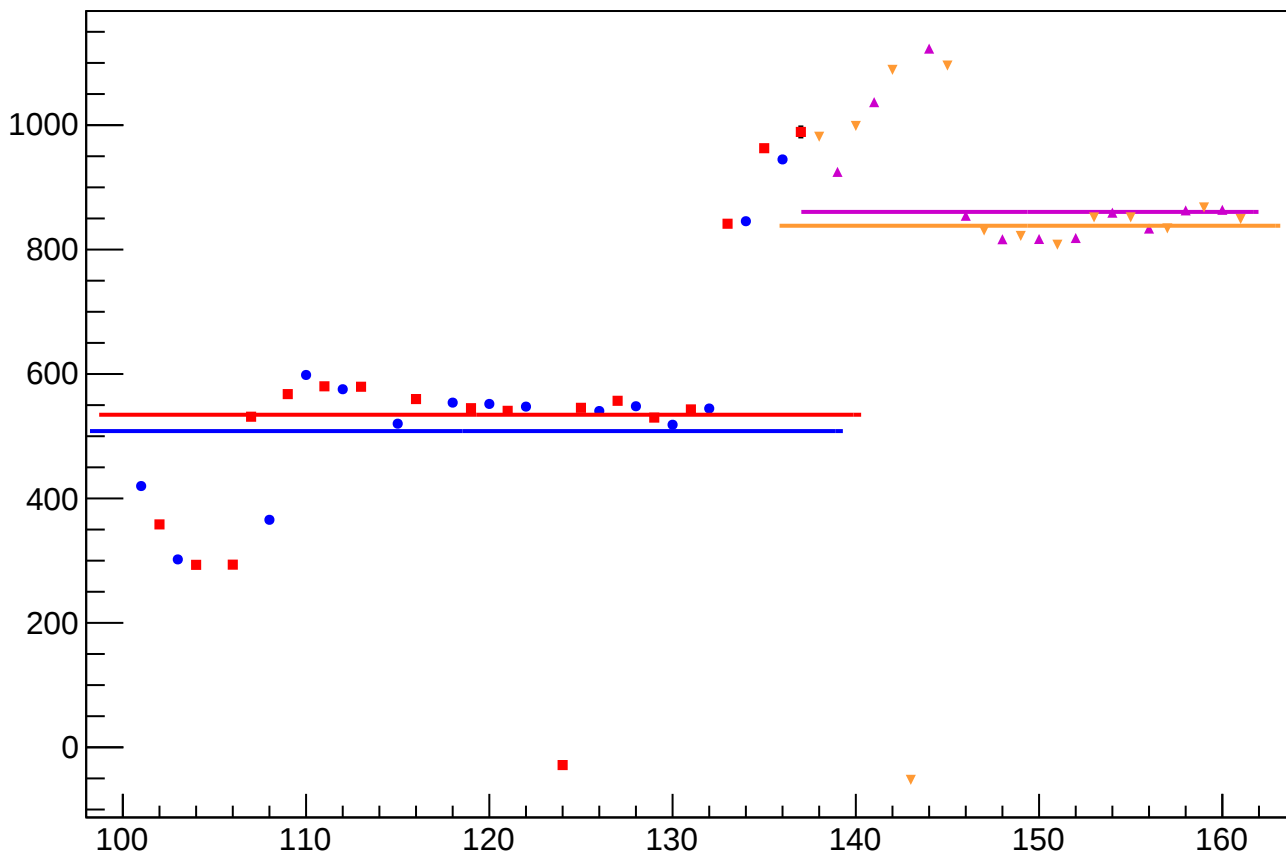
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -759.762 ± 0.156 $\chi^2/\text{NDF}: 2730364.8/25$

Out: -673.229 ± 0.142 $\chi^2/\text{NDF}: 3679919.7/30$

All: -712.674 ± 0.105 $\chi^2/\text{NDF}: 6578451.2/56$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 838.306 $\pm$ 0.174 χ^2 /NDF: 413841.0/12

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 860.546 $\pm$ 0.180 χ^2 /NDF: 86301.7/10

Left: 849.015 $\pm$ 0.125 χ^2 /NDF: 508036.6/23

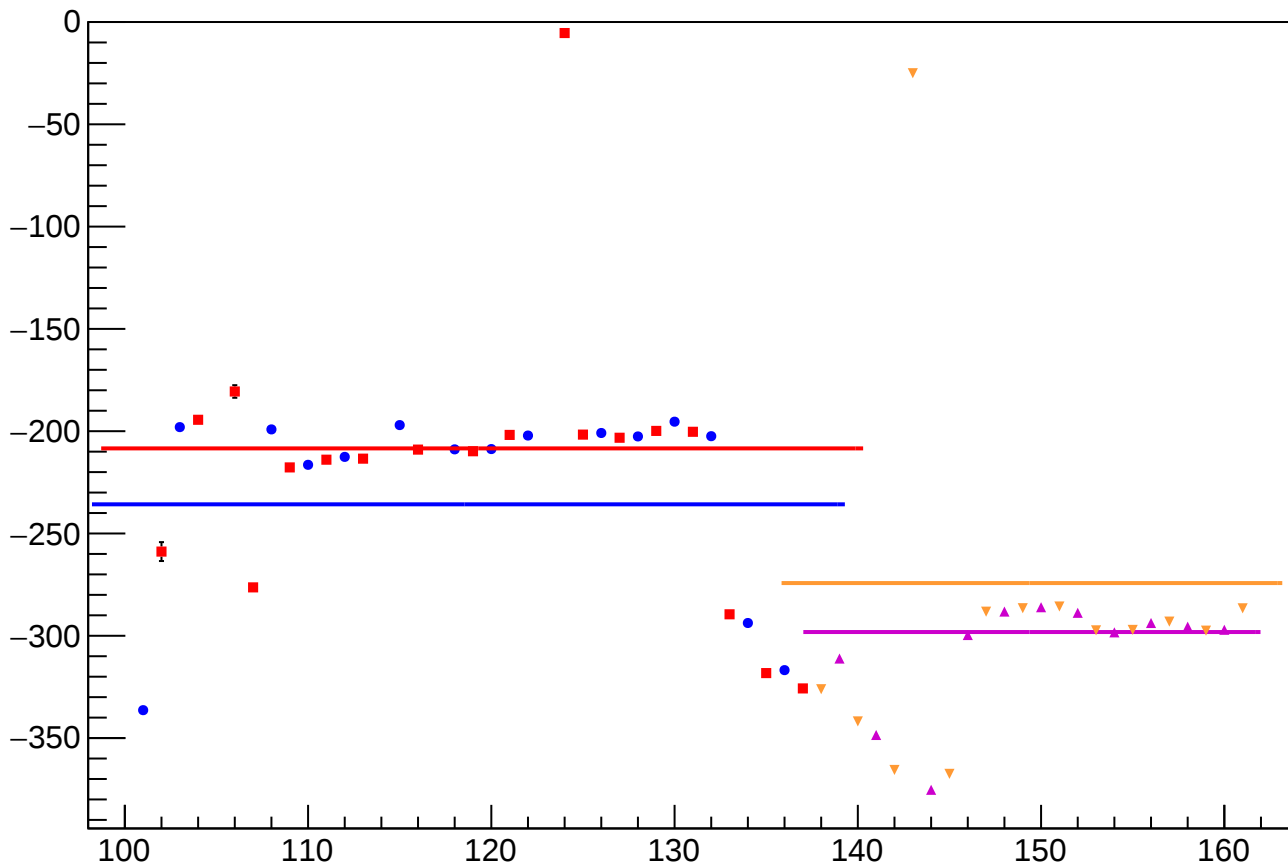
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 720.347 $\pm$ 0.140 χ^2 /NDF: 2046242.8/25

Out: 719.799 $\pm$ 0.136 χ^2 /NDF: 1975319.5/30

All: 720.065 $\pm$ 0.097 χ^2 /NDF: 4021570.2/56

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -274.235 ± 0.028 $\chi^2/\text{NDF}: 6316437.1/12$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -298.170 ± 0.030 $\chi^2/\text{NDF}: 227089.2/10$

Left: -285.419 ± 0.021 $\chi^2/\text{NDF}: 6882523.8/23$

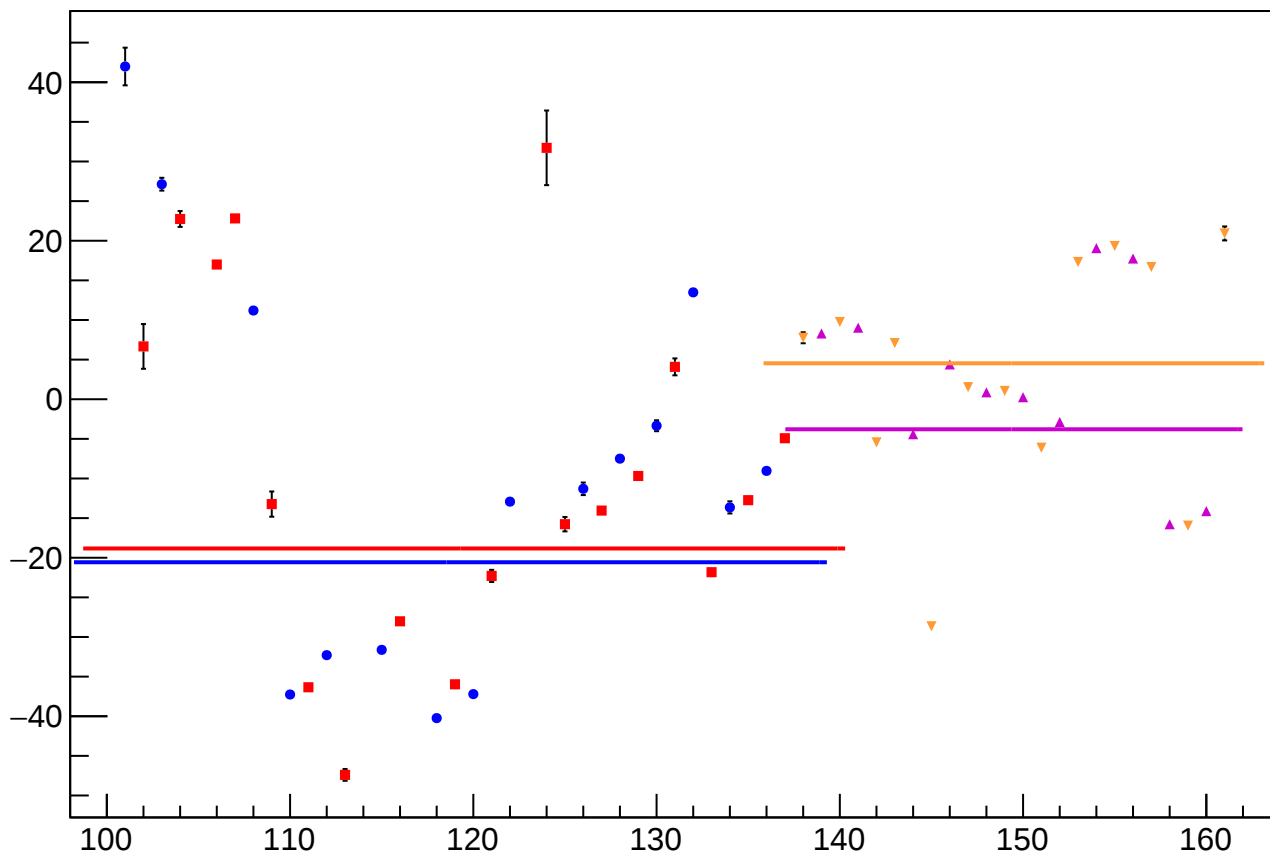
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -283.942 ± 0.026 $\chi^2/\text{NDF}: 2089776.2/25$

Out: -256.761 ± 0.024 $\chi^2/\text{NDF}: 8147867.5/30$

All: -269.126 ± 0.018 $\chi^2/\text{NDF}: 10817027.6/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.537 ± 0.032 χ^2/NDF : 156098.4/12

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: -3.789 ± 0.024 χ^2/NDF : 261291.0/10

Left: -0.760 ± 0.019 χ^2/NDF : 460411.3/23

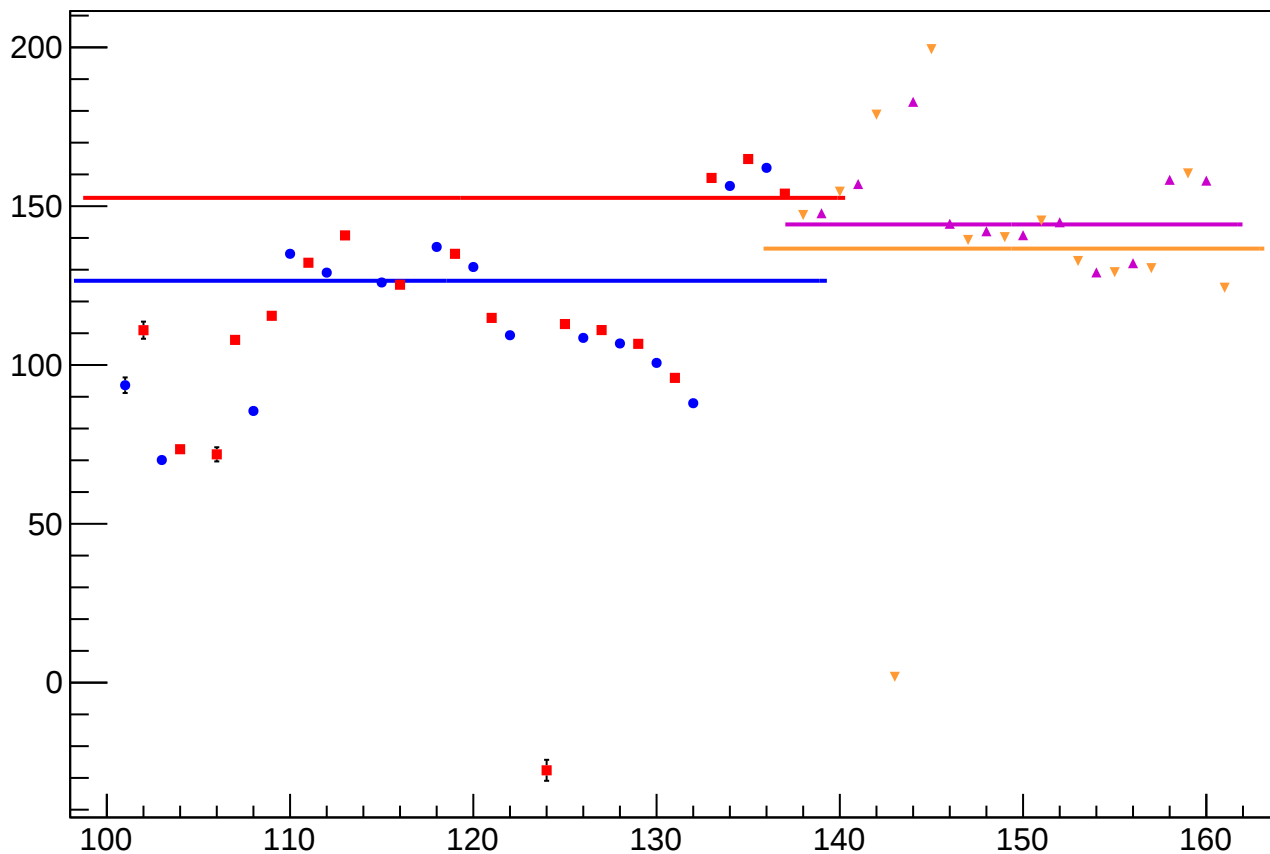
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -5.523 ± 0.023 χ^2/NDF : 374306.6/25

Out: 2.649 ± 0.031 χ^2/NDF : 219981.4/30

All: -2.596 ± 0.018 χ^2/NDF : 639778.3/56

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 136.646 $\pm$ 0.042 χ^2 /NDF:440457.5/12

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 144.256 $\pm$ 0.033 χ^2 /NDF:117757.7/10

Left: 141.303 $\pm$ 0.026 χ^2 /NDF: 578647.6/23

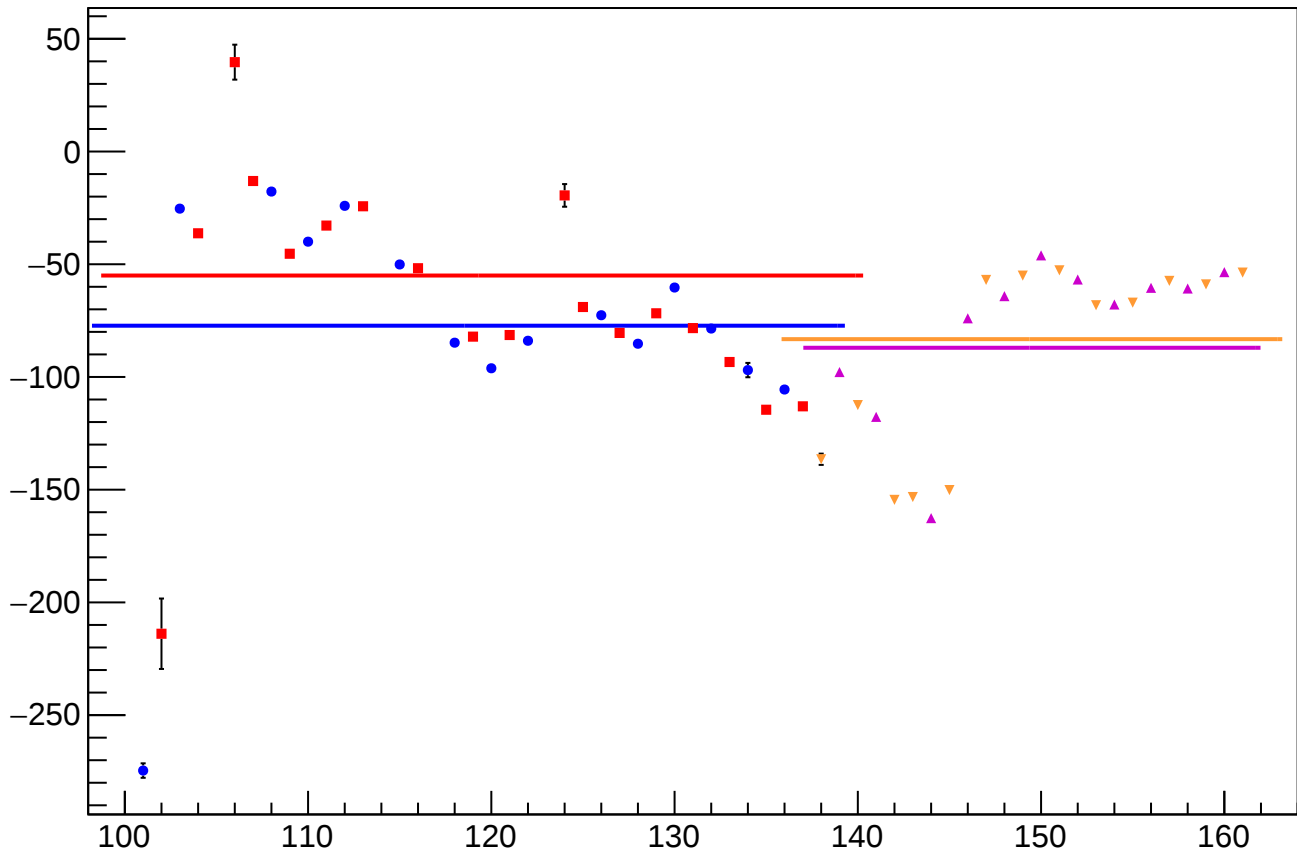
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 141.863 $\pm$ 0.031 χ^2 /NDF:271307.4/25

Out: 147.079 $\pm$ 0.025 χ^2 /NDF:610564.3/30

All: 145.059 $\pm$ 0.019 χ^2 /NDF: 899381.4/56

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -83.228 ± 0.159 χ^2/NDF : 55937.0/12

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -87.048 ± 0.161 χ^2/NDF : 53029.0/10

Left: -85.109 ± 0.113 χ^2/NDF : 109250.5/23

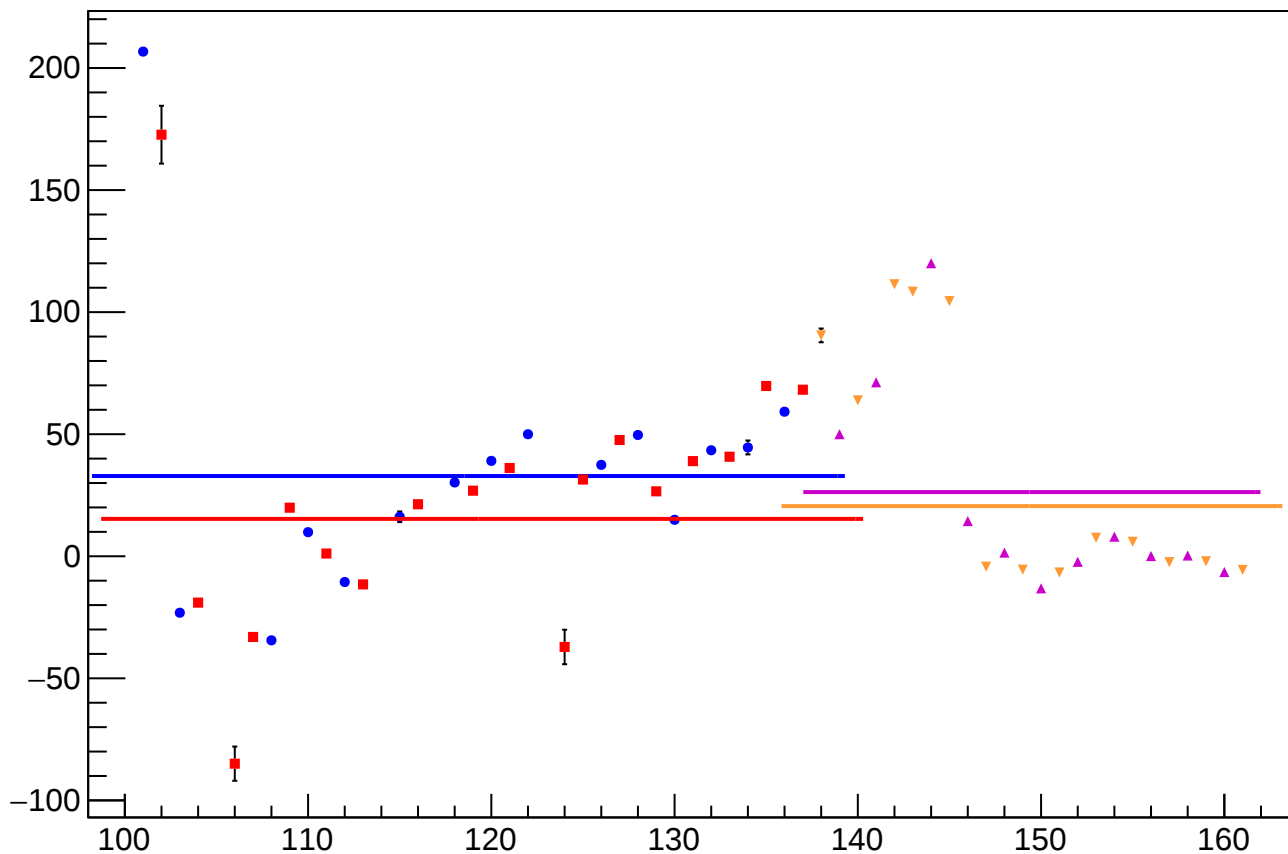
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -81.681 ± 0.108 χ^2/NDF : 85402.5/25

Out: -71.627 ± 0.122 χ^2/NDF : 92524.7/30

All: -77.242 ± 0.081 χ^2/NDF : 181721.7/56

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 20.551 $\pm$ 0.137 χ^2/NDF : 88393.6/12

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 26.292 $\pm$ 0.143 χ^2/NDF : 81416.1/10

Left: 23.310 $\pm$ 0.099 χ^2/NDF : 170651.3/23

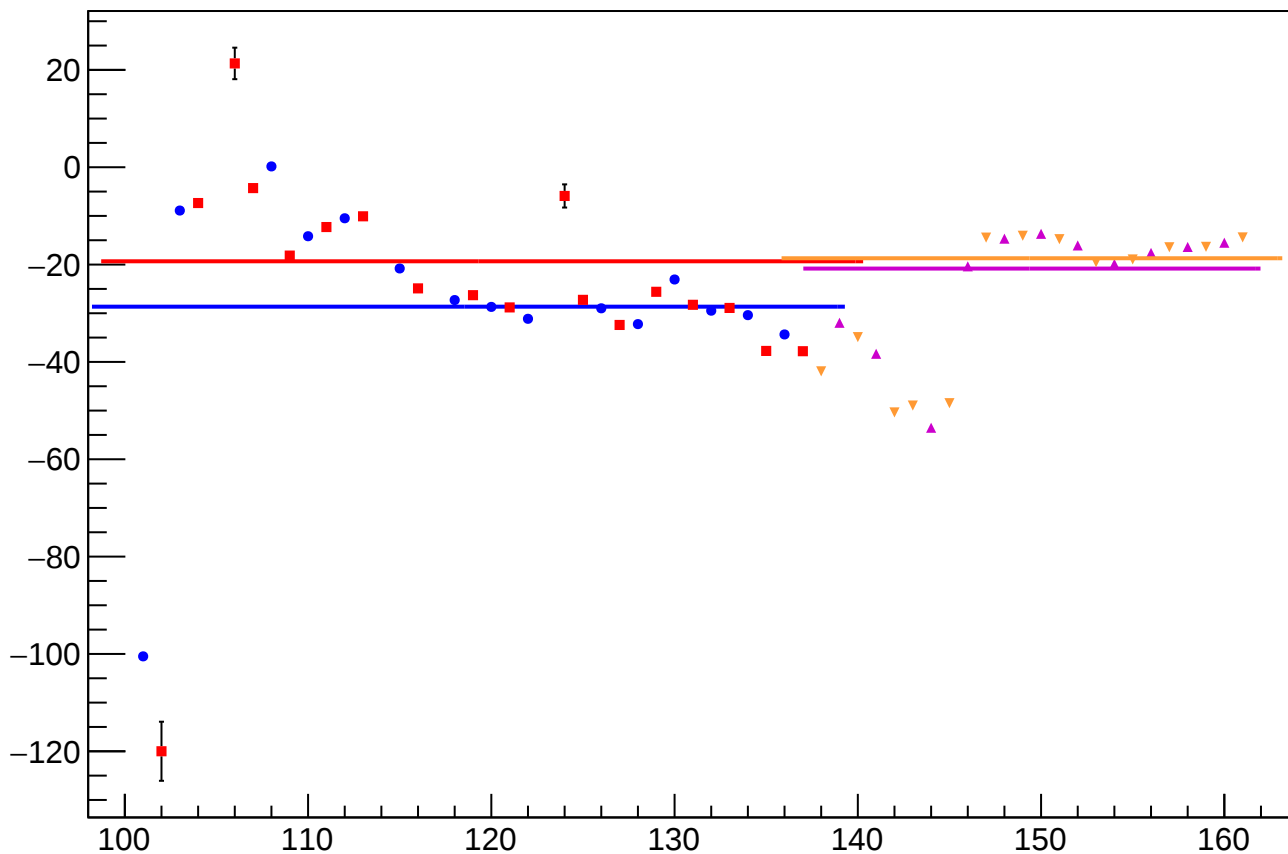
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 29.504 $\pm$ 0.102 χ^2/NDF : 113847.7/25

Out: 18.979 $\pm$ 0.115 χ^2/NDF : 105577.2/30

All: 24.859 $\pm$ 0.076 χ^2/NDF : 224120.0/56

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.701 ± 0.017 χ^2/NDF : 222988.8/12

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -20.821 ± 0.020 χ^2/NDF : 179918.7/10

Left: -19.595 ± 0.013 χ^2/NDF : 409108.7/23

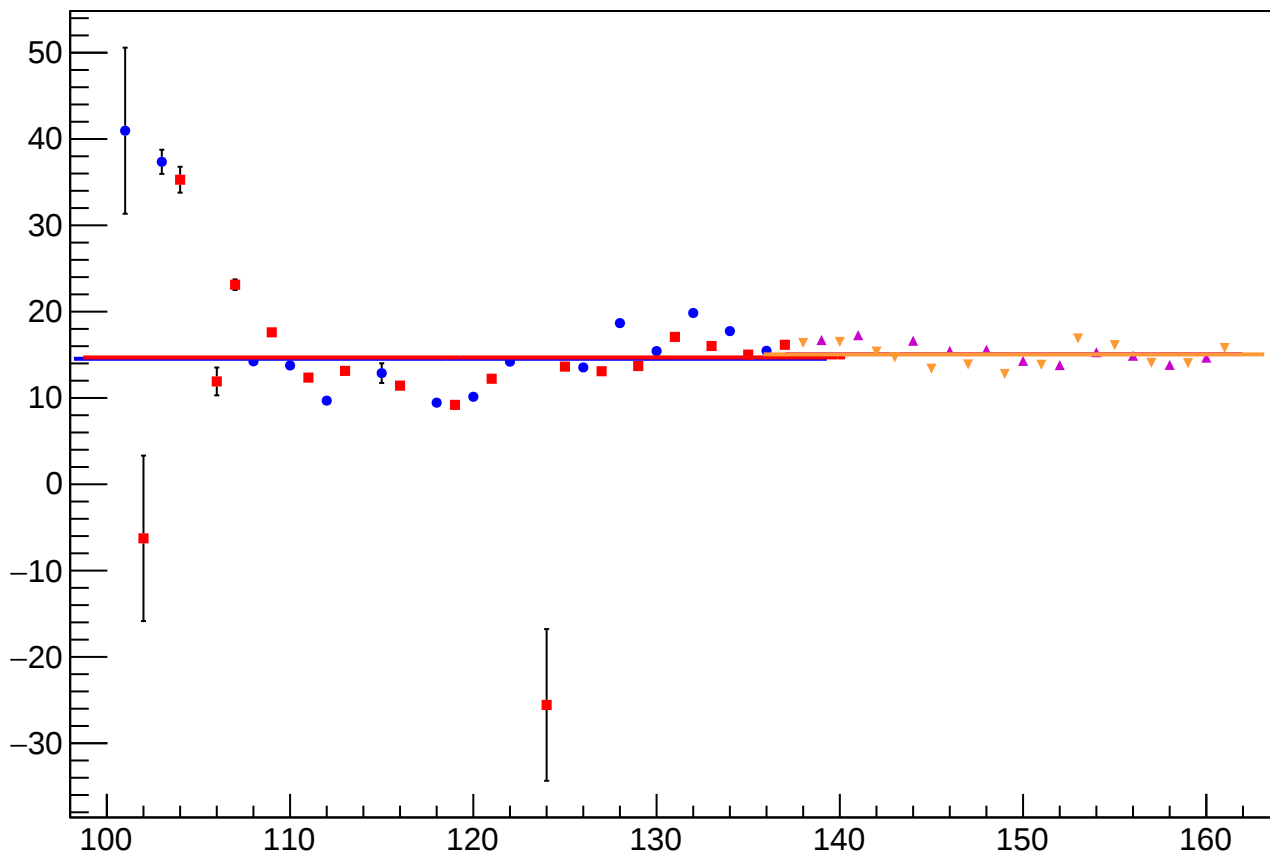
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -22.881 ± 0.018 χ^2/NDF : 331800.6/25

Out: -18.804 ± 0.016 χ^2/NDF : 279777.5/30

All: -20.648 ± 0.012 χ^2/NDF : 641037.0/56

dit_attr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.049+/-0.018 χ^2/NDF : 5017.2/12

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.082+/-0.018 χ^2/NDF : 3476.8/10

Left: 15.066+/-0.013 χ^2/NDF : 8495.7/23

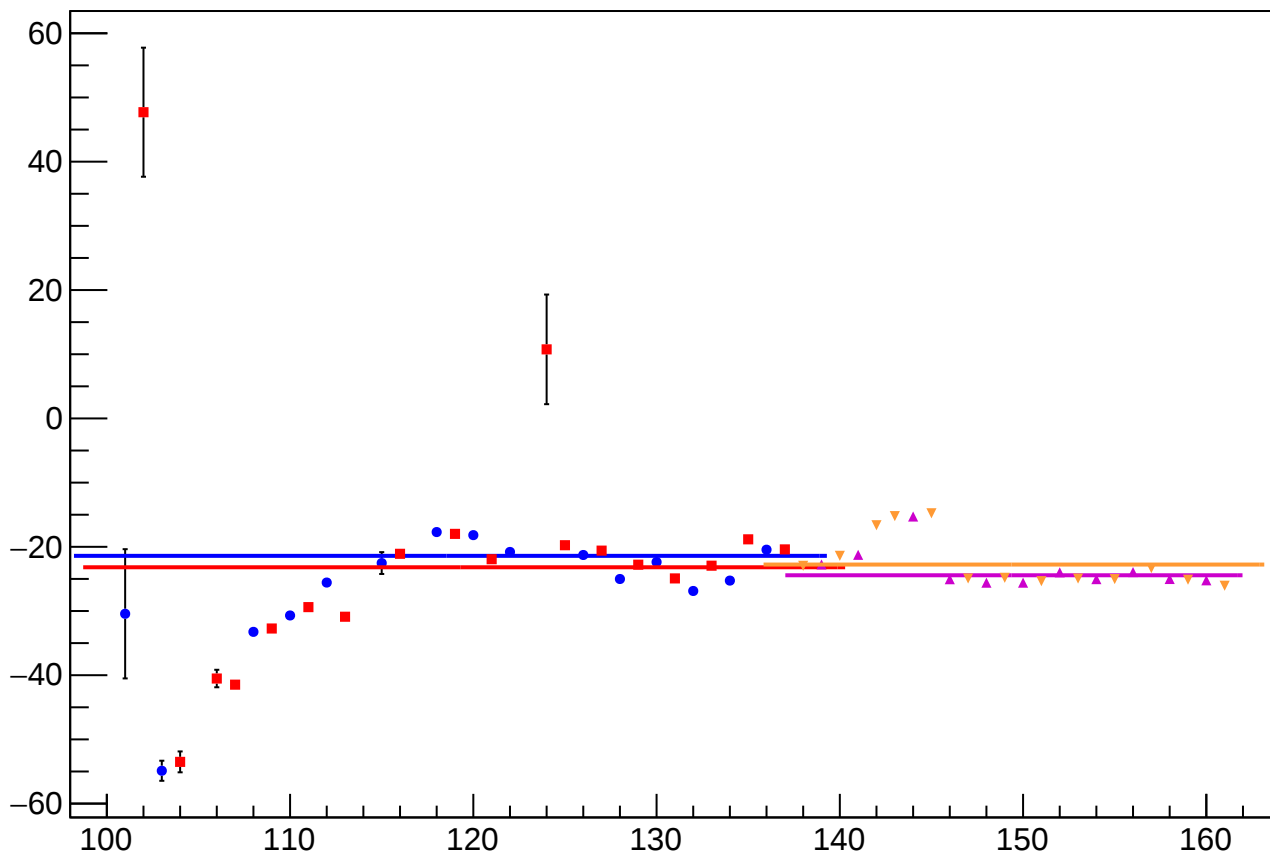
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 14.937+/-0.015 χ^2/NDF : 15792.0/25

Out: 14.996+/-0.017 χ^2/NDF : 6706.4/30

All: 14.964+/-0.011 χ^2/NDF : 22505.0/56

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.763 ± 0.023 $\chi^2/\text{NDF}: 28300.6/12$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.432 ± 0.020 $\chi^2/\text{NDF}: 7685.3/10$

Left: -23.687 ± 0.015 $\chi^2/\text{NDF}: 38999.4/23$

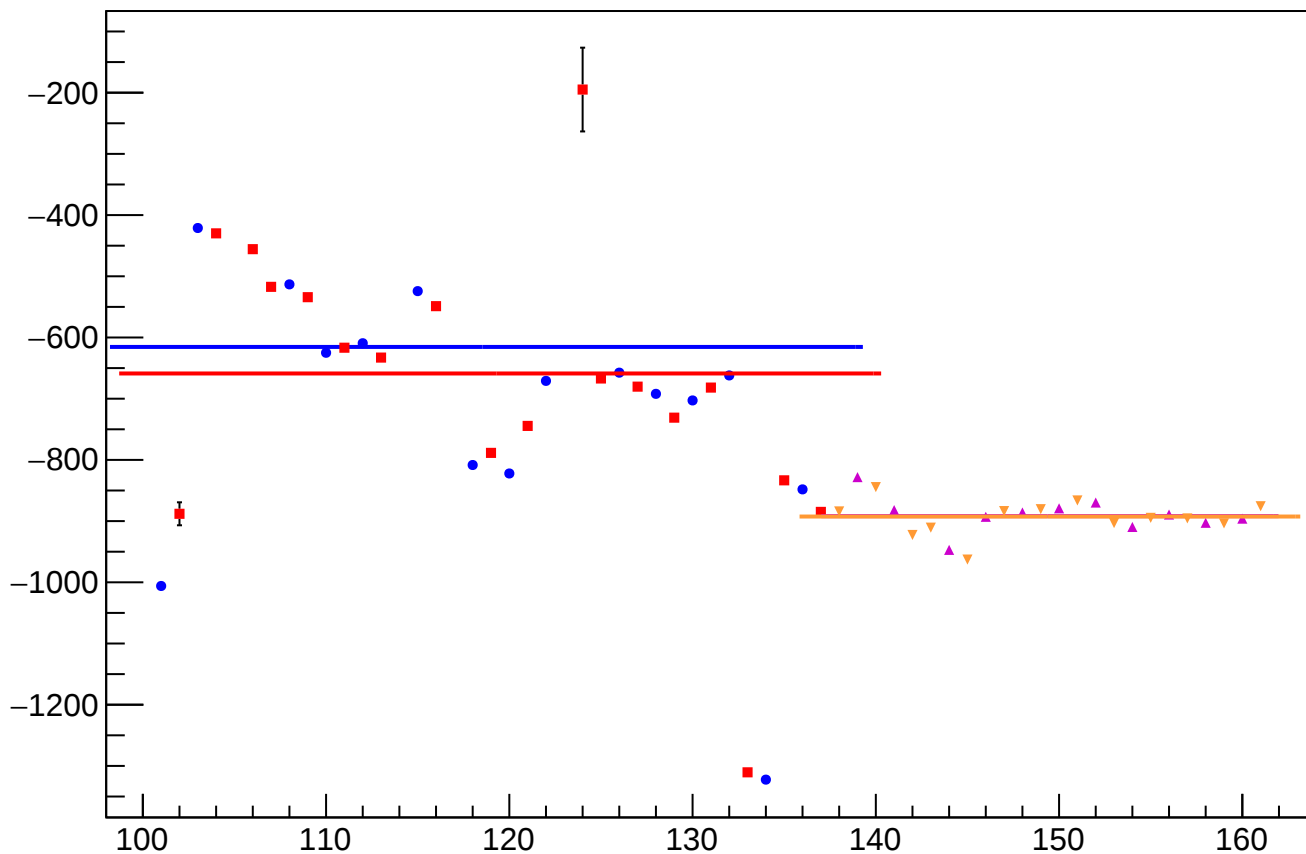
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.688 ± 0.018 $\chi^2/\text{NDF}: 22828.0/25$

Out: -22.833 ± 0.021 $\chi^2/\text{NDF}: 37484.6/30$

All: -23.328 ± 0.013 $\chi^2/\text{NDF}: 61303.4/56$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2 /NDF: 382819.1/14

Left Out: -892.525+/-0.178 χ^2 /NDF:12215.2/12

Right Out: -658.787+/-0.256 χ^2 /NDF: 385262.6/17

Left In: -891.877+/-0.159 χ^2 /NDF:13057.4/10

Left: -892.164+/-0.119 χ^2 /NDF: 25280.0/23

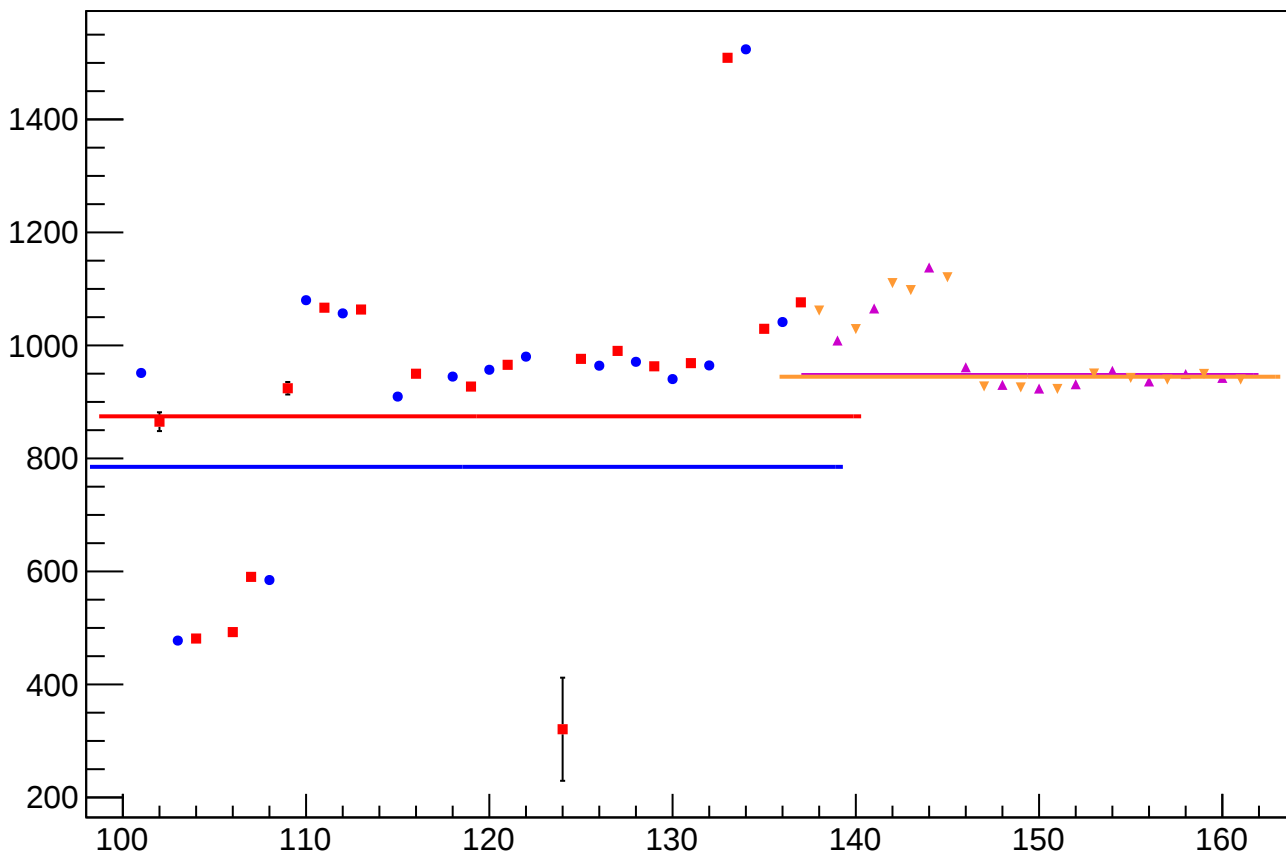
Right: -635.464+/-0.174 χ^2 /NDF: 783480.4/32

In: -806.611+/-0.132 χ^2 /NDF:1332138.3/25

Out: -816.352+/-0.146 χ^2 /NDF:958144.3/30

All: -810.980+/-0.098 χ^2 /NDF: 2292727.0/56

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.590+/-0.142 χ^2/NDF : 68258.9/12

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 947.623+/-0.131 χ^2/NDF : 73913.6/10

Left: 946.227+/-0.096 χ^2/NDF : 142418.0/23

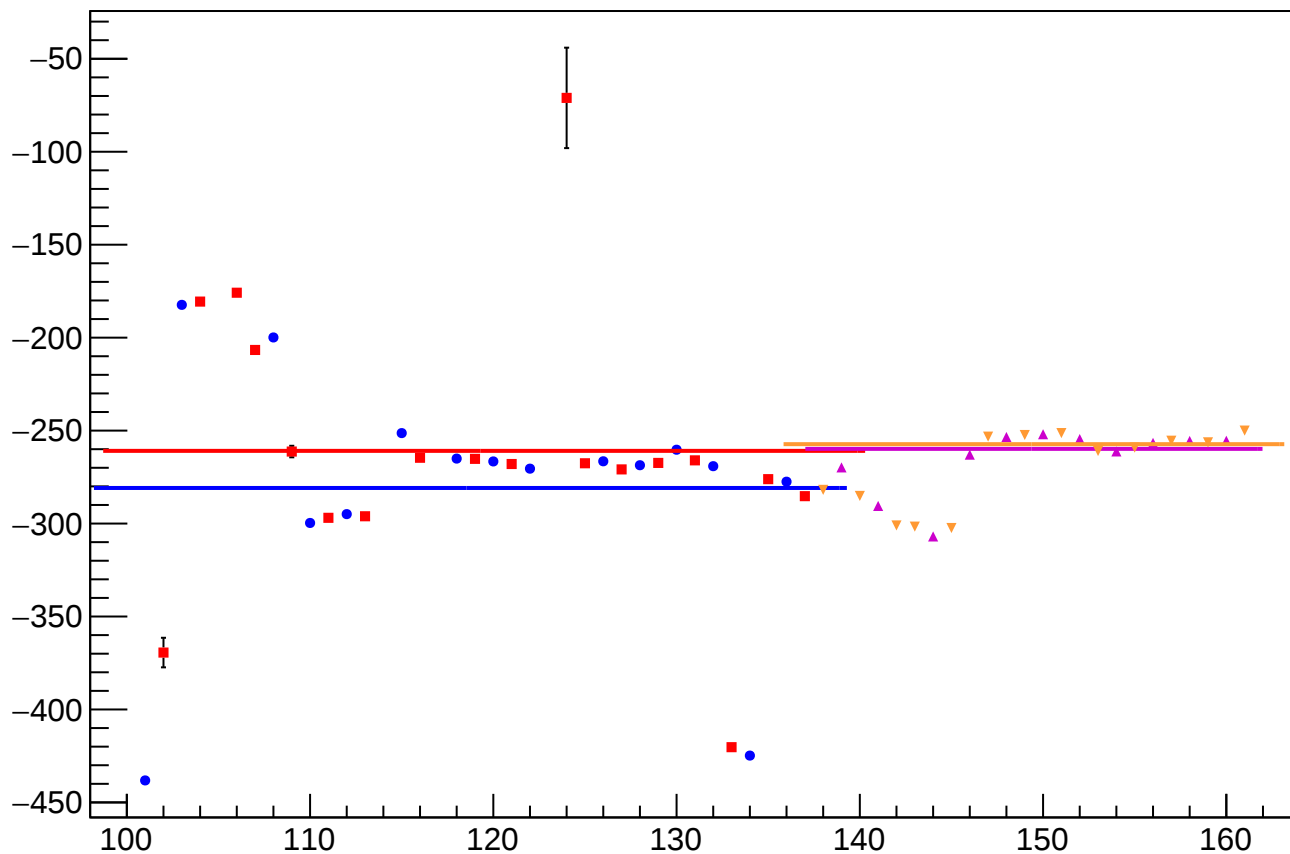
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 907.133+/-0.114 χ^2/NDF : 1341482.6/25

Out: 928.570+/-0.125 χ^2/NDF : 966318.1/30

All: 916.858+/-0.084 χ^2/NDF : 2323892.2/56

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.295 ± 0.023 $\chi^2/\text{NDF}: 167989.4/12$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.824 ± 0.024 $\chi^2/\text{NDF}: 177344.6/10$

Left: -258.526 ± 0.016 $\chi^2/\text{NDF}: 351205.4/23$

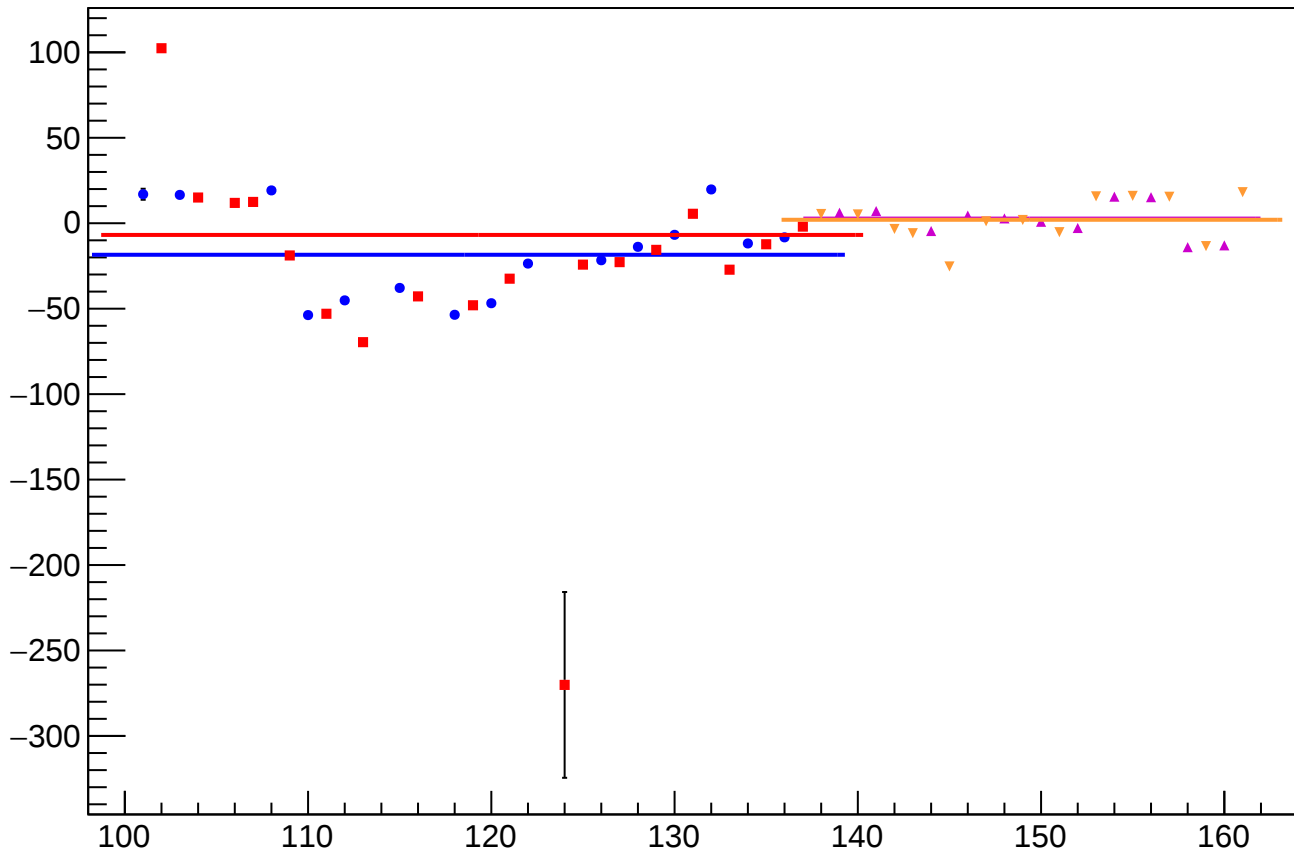
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -262.775 ± 0.022 $\chi^2/\text{NDF}: 1161955.3/25$

Out: -257.670 ± 0.022 $\chi^2/\text{NDF}: 518253.2/30$

All: -260.207 ± 0.015 $\chi^2/\text{NDF}: 1707478.2/56$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Left: 2.446 ± 0.018 $\chi^2/\text{NDF} = 445364.6/23$

Right: -10.715 ± 0.053 $\chi^2/\text{NDF} = 107378.5/32$

In: 1.409 ± 0.023 $\chi^2/\text{NDF} = 353085.2/25$

Out: 0.545 ± 0.026 $\chi^2/\text{NDF} = 254723.9/30$

All: 1.041 ± 0.017 $\chi^2/\text{NDF} = 608424.0/56$

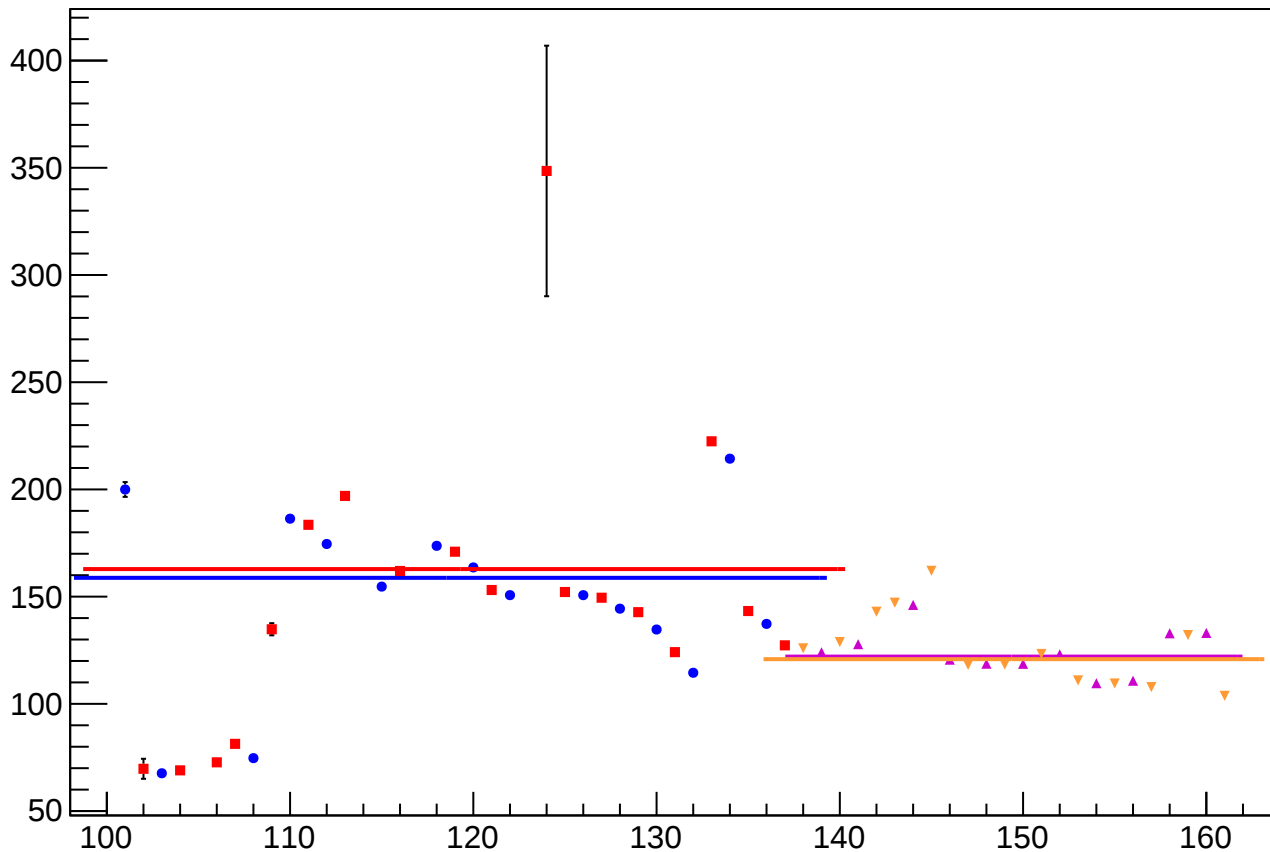
Right In: -18.452 ± 0.091 $\chi^2/\text{NDF} = 46574.6/14$

Left Out: 2.026 ± 0.029 $\chi^2/\text{NDF} = 188987.0/12$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF} = 50023.0/17$

Left In: 2.723 ± 0.023 $\chi^2/\text{NDF} = 256026.4/10$

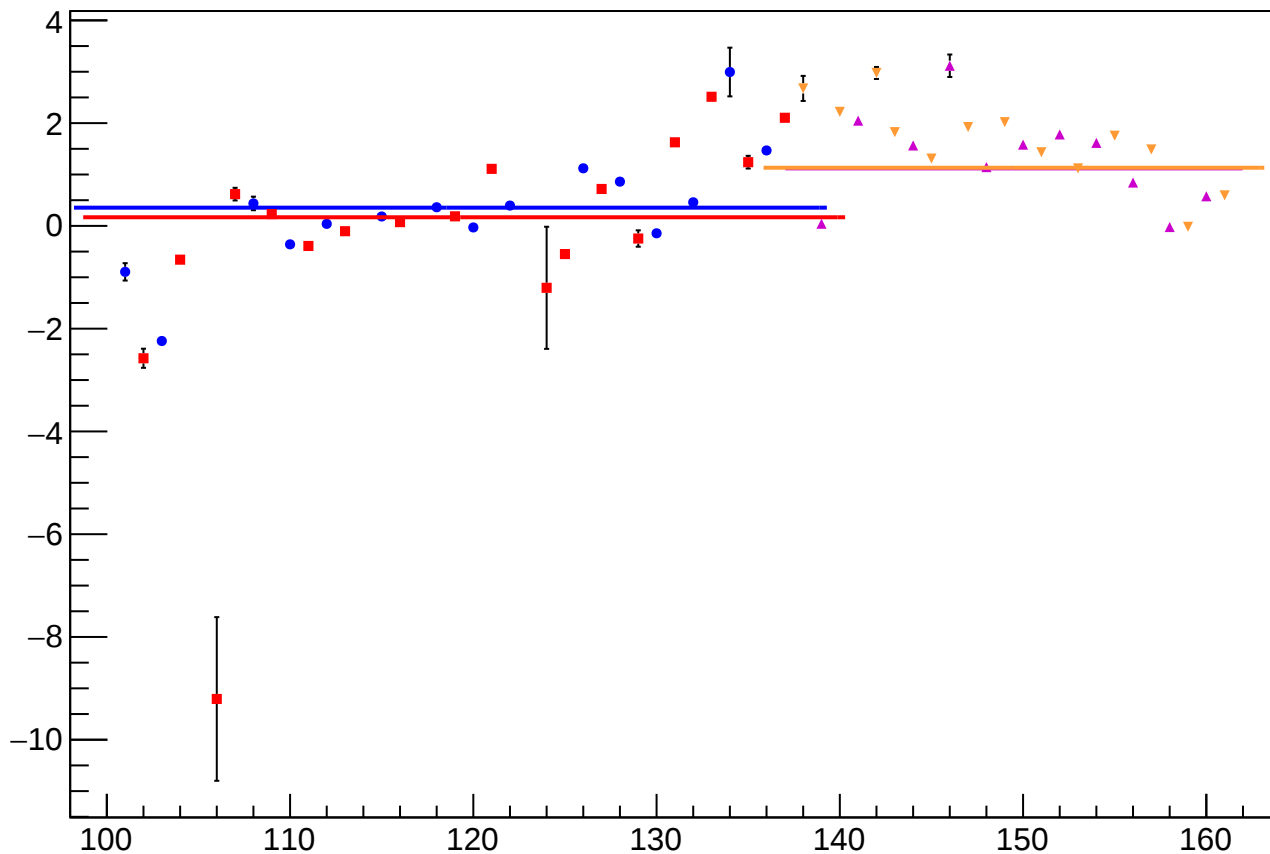
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 120.839 ± 0.034 χ^2/NDF : 103700.9/12
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 122.041 ± 0.030 χ^2/NDF : 96135.3/10

Left: 121.517 ± 0.022 χ^2/NDF : 200553.9/23
 Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32
 In: 125.749 ± 0.028 χ^2/NDF : 410694.7/25
 Out: 125.689 ± 0.032 χ^2/NDF : 439402.3/30
 All: 125.722 ± 0.021 χ^2/NDF : 850099.0/56

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.132 $\pm$ 0.012 χ^2/NDF : 4754.4/12

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.119 $\pm$ 0.009 χ^2/NDF : 6122.7/10

Left: 1.124 $\pm$ 0.007 χ^2/NDF : 10877.9/23

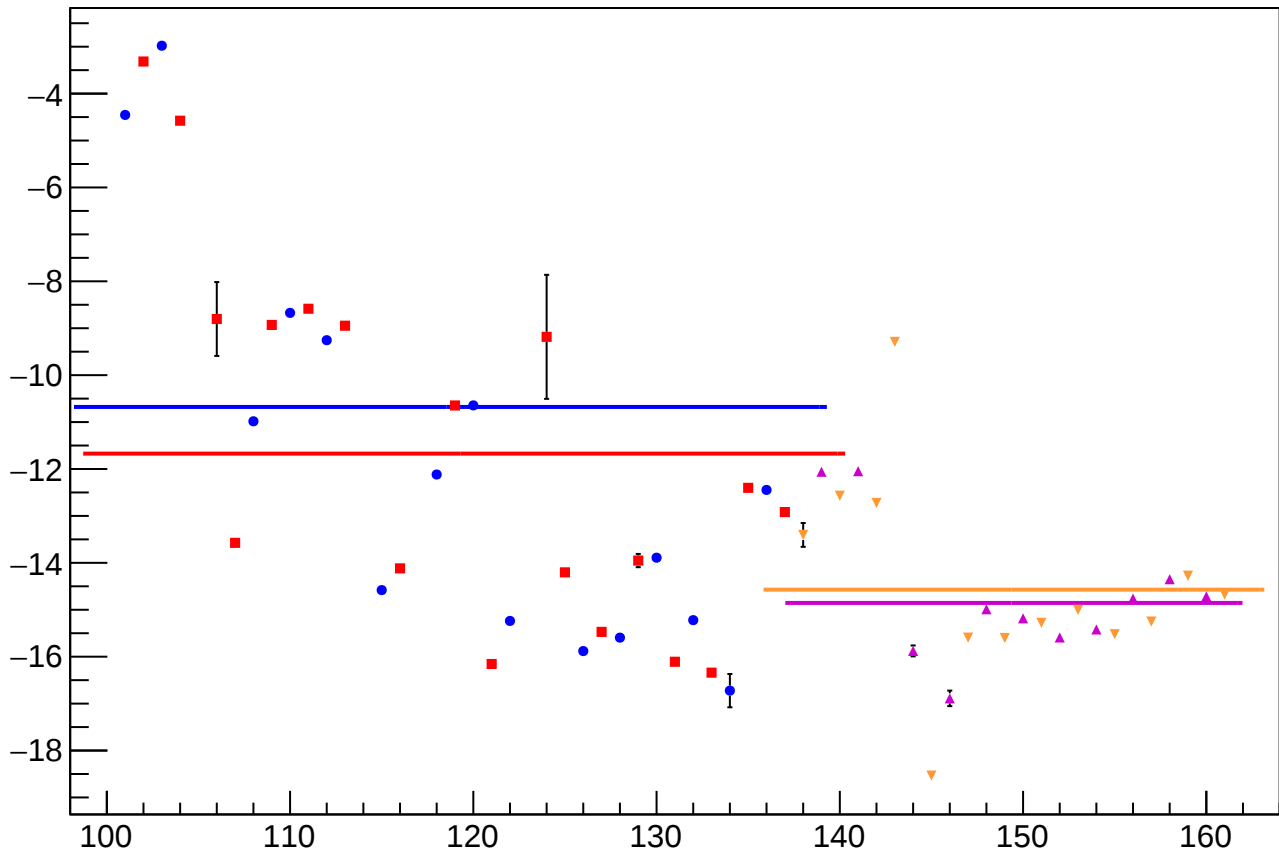
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.837 $\pm$ 0.007 χ^2/NDF : 12799.8/25

Out: 0.437 $\pm$ 0.006 χ^2/NDF : 13790.2/30

All: 0.618 $\pm$ 0.005 χ^2/NDF : 28309.5/56

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.571 ± 0.010 $\chi^2/\text{NDF}: 29250.4/12$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.854 ± 0.008 $\chi^2/\text{NDF}: 11372.0/10$

Left: -14.744 ± 0.006 $\chi^2/\text{NDF}: 41104.8/23$

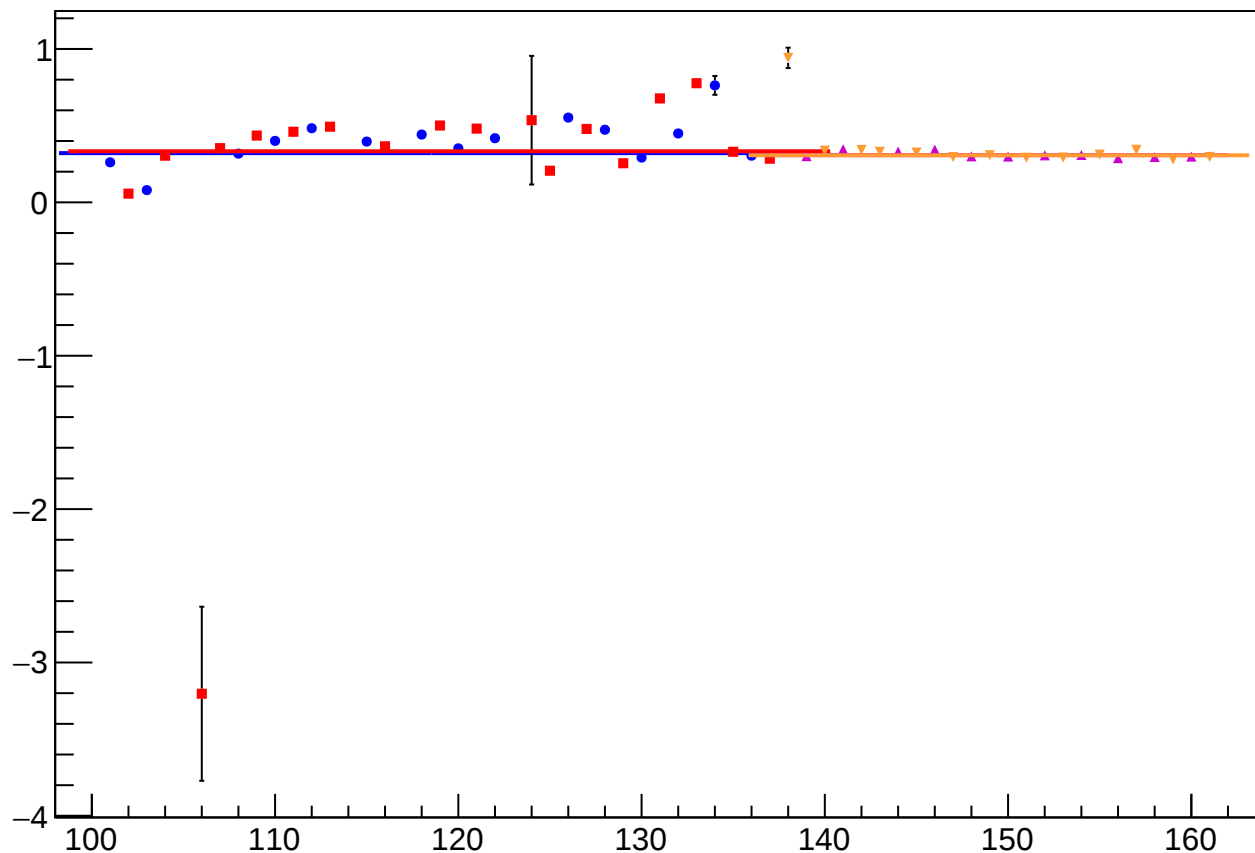
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.272 ± 0.006 $\chi^2/\text{NDF}: 340737.5/25$

Out: -13.329 ± 0.008 $\chi^2/\text{NDF}: 172554.6/30$

All: -13.296 ± 0.005 $\chi^2/\text{NDF}: 513325.2/56$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.307 $\pm$ 0.000 χ^2 /NDF:3724.2/12

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.308 $\pm$ 0.000 χ^2 /NDF:1972.0/10

Left: 0.307 $\pm$ 0.000 χ^2 /NDF: 5700.8/23

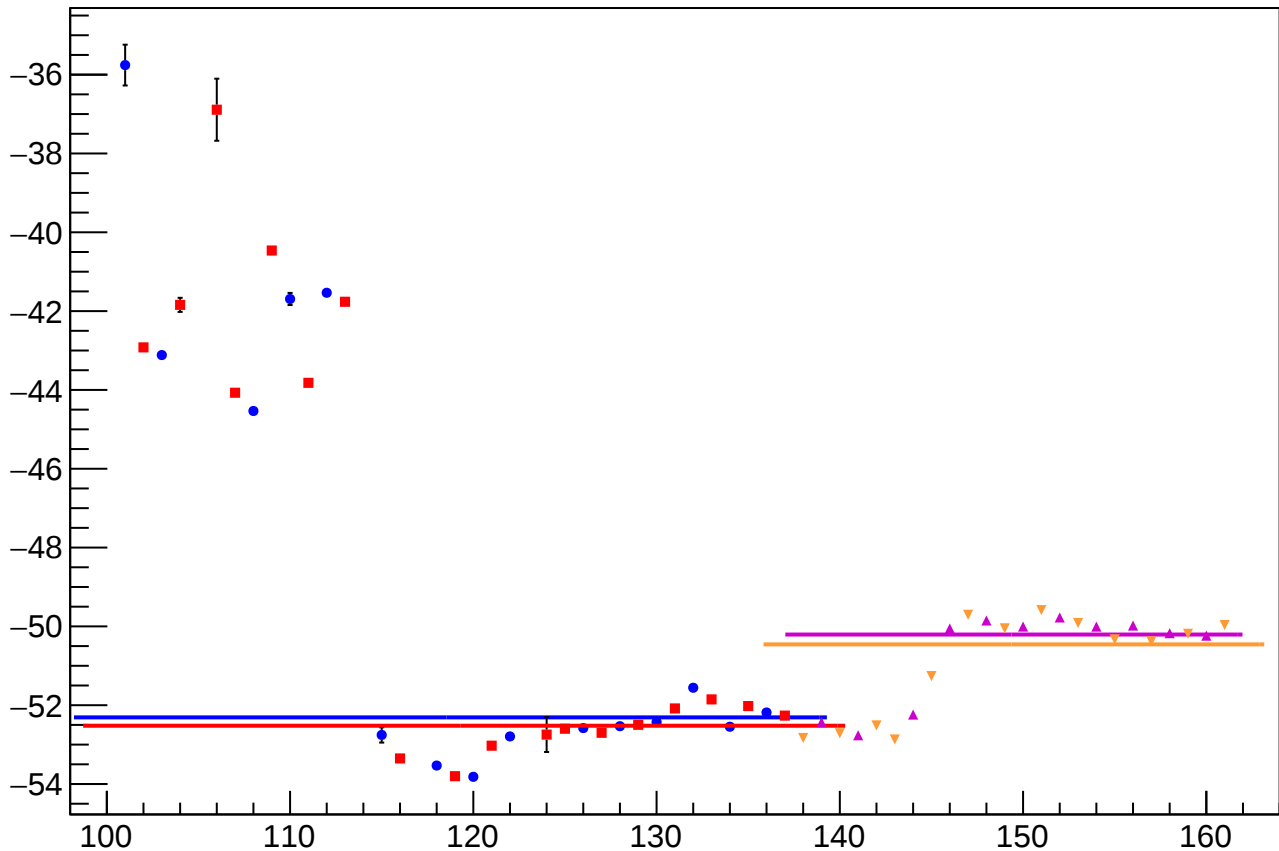
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.309 $\pm$ 0.000 χ^2 /NDF:6160.4/25

Out: 0.309 $\pm$ 0.000 χ^2 /NDF:8298.4/30

All: 0.309 $\pm$ 0.000 χ^2 /NDF: 14460.4/56

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.457 ± 0.002 $\chi^2/\text{NDF}: 216389.9/12$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.207 ± 0.002 $\chi^2/\text{NDF}: 154991.6/10$

Left: -50.296 ± 0.001 $\chi^2/\text{NDF}: 379370.1/23$

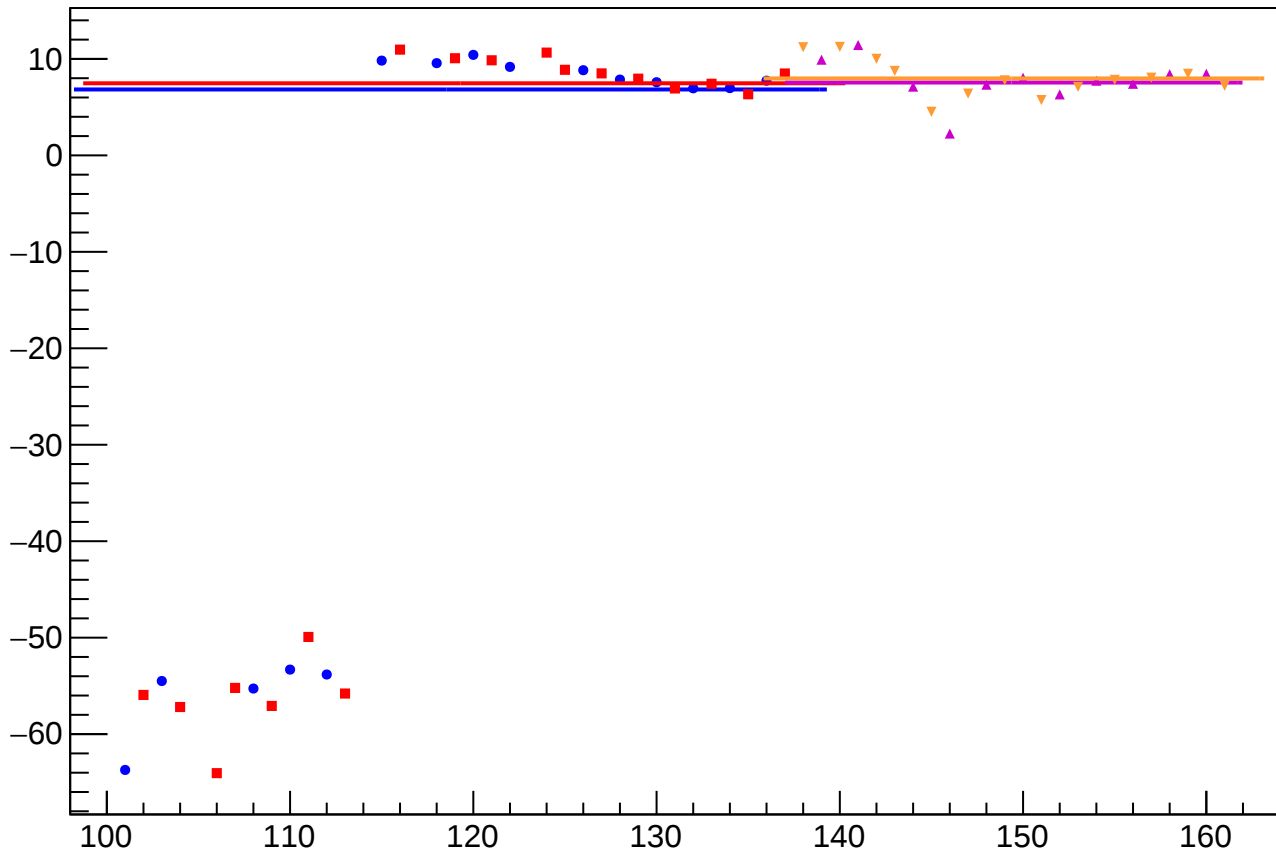
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.471 ± 0.002 $\chi^2/\text{NDF}: 406802.7/25$

Out: -50.850 ± 0.002 $\chi^2/\text{NDF}: 455619.0/30$

All: -50.614 ± 0.001 $\chi^2/\text{NDF}: 884642.4/56$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.977 ± 0.005 $\chi^2/\text{NDF}: 78731.7/12$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.551 ± 0.004 $\chi^2/\text{NDF}: 99330.2/10$

Left: 7.719 ± 0.003 $\chi^2/\text{NDF}: 183128.5/23$

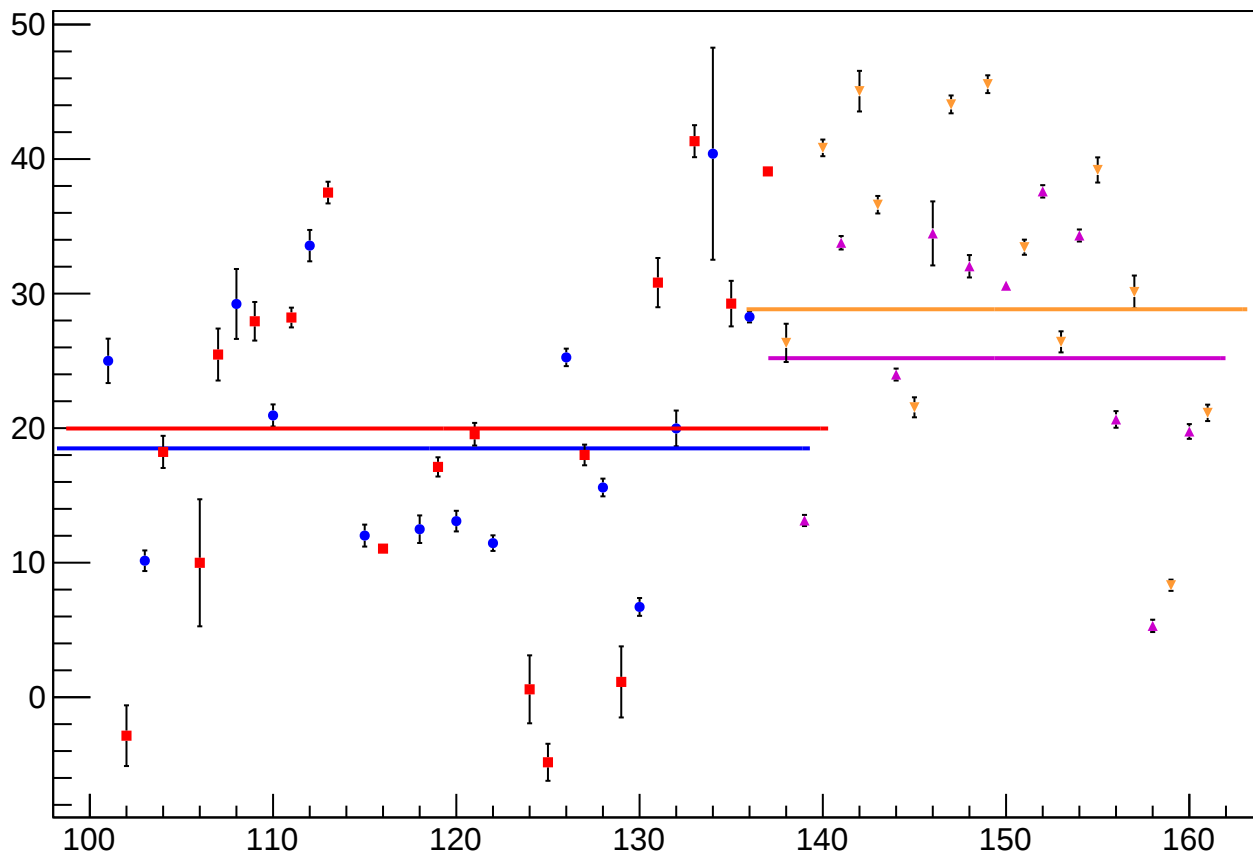
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.295 ± 0.003 $\chi^2/\text{NDF}: 1102822.0/25$

Out: 7.876 ± 0.004 $\chi^2/\text{NDF}: 1276571.5/30$

All: 7.496 ± 0.002 $\chi^2/\text{NDF}: 2392137.4/56$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496+/-0.200 χ^2/NDF : 1636.7/14

Left Out: 28.836+/-0.191 χ^2/NDF : 4674.9/12

Right Out: 19.974+/-0.130 χ^2/NDF : 9201.3/17

Left In: 25.200+/-0.147 χ^2/NDF : 4679.5/10

Left: 26.547+/-0.116 χ^2/NDF : 9581.6/23

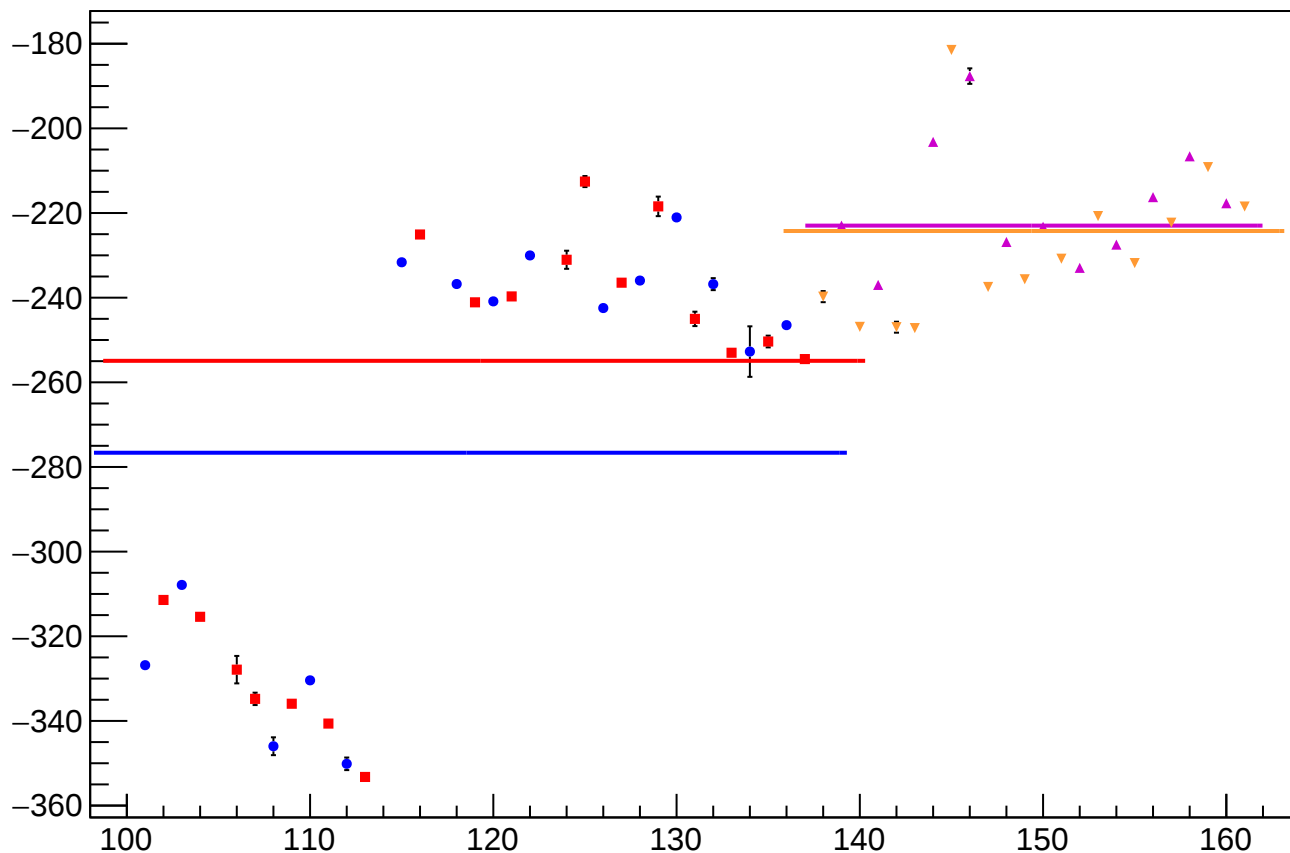
Right: 19.534+/-0.109 χ^2/NDF : 10876.3/32

In: 22.855+/-0.118 χ^2/NDF : 7046.3/25

Out: 22.777+/-0.108 χ^2/NDF : 15342.2/30

All: 22.812+/-0.080 χ^2/NDF : 22388.7/56

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -224.249 ± 0.155 χ^2/NDF : 13802.5/12

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -222.976 ± 0.126 χ^2/NDF : 4692.7/10

Left: -223.483 ± 0.098 χ^2/NDF : 18535.9/23

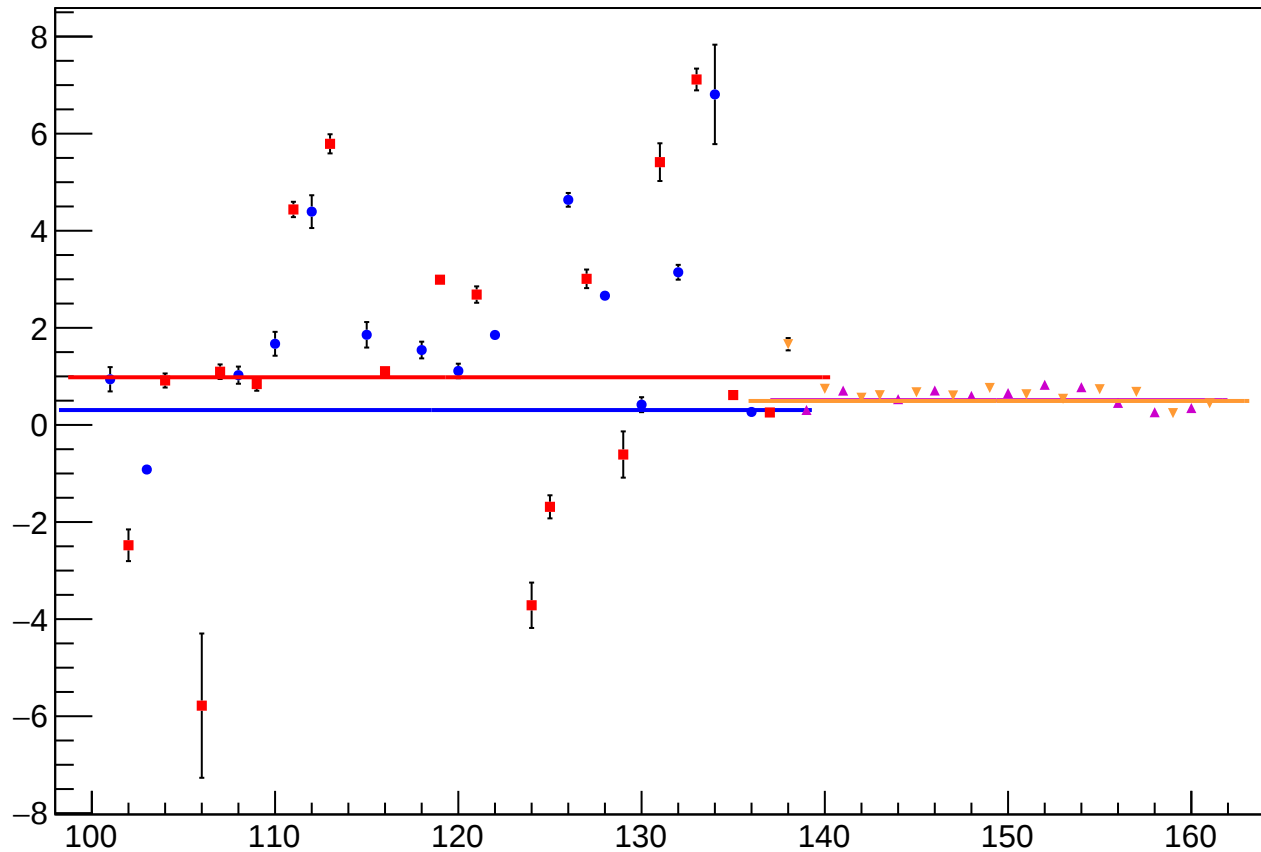
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -245.593 ± 0.096 χ^2/NDF : 158332.2/25

Out: -249.563 ± 0.065 χ^2/NDF : 118141.5/30

All: -248.319 ± 0.054 χ^2/NDF : 277653.1/56

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.494 ± 0.002 χ^2/NDF : 7533.5/12

Right Out: 0.982 ± 0.015 χ^2/NDF : 3374.7/17

Left In: 0.511 ± 0.002 χ^2/NDF : 12080.7/10

Left: 0.504 ± 0.002 χ^2/NDF : 19642.4/23

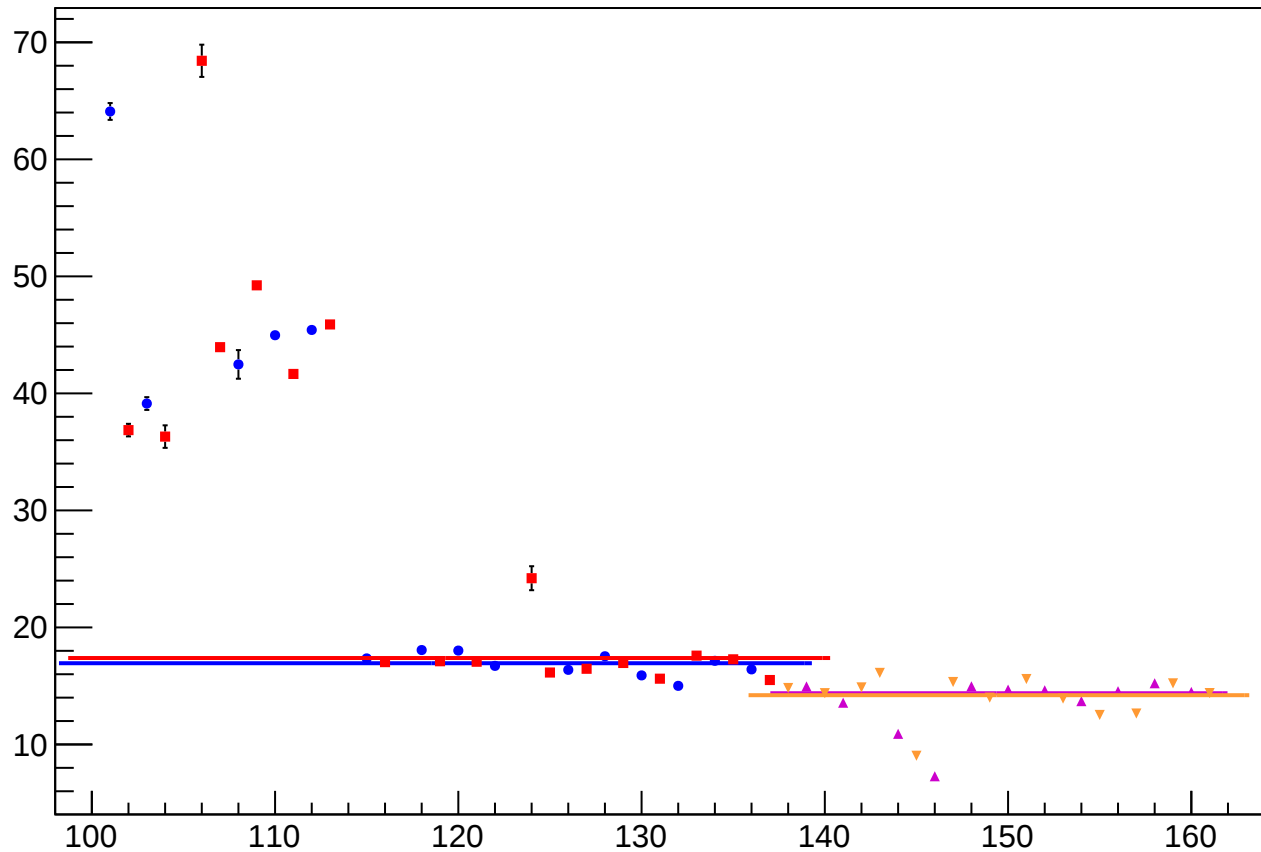
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.493 ± 0.002 χ^2/NDF : 15730.4/25

Out: 0.507 ± 0.002 χ^2/NDF : 11984.5/30

All: 0.499 ± 0.002 χ^2/NDF : 27735.3/56

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.209 ± 0.010 $\chi^2/\text{NDF}: 49714.4/12$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.377 ± 0.010 $\chi^2/\text{NDF}: 8107.0/10$

Left: 14.292 ± 0.007 $\chi^2/\text{NDF}: 57968.5/23$

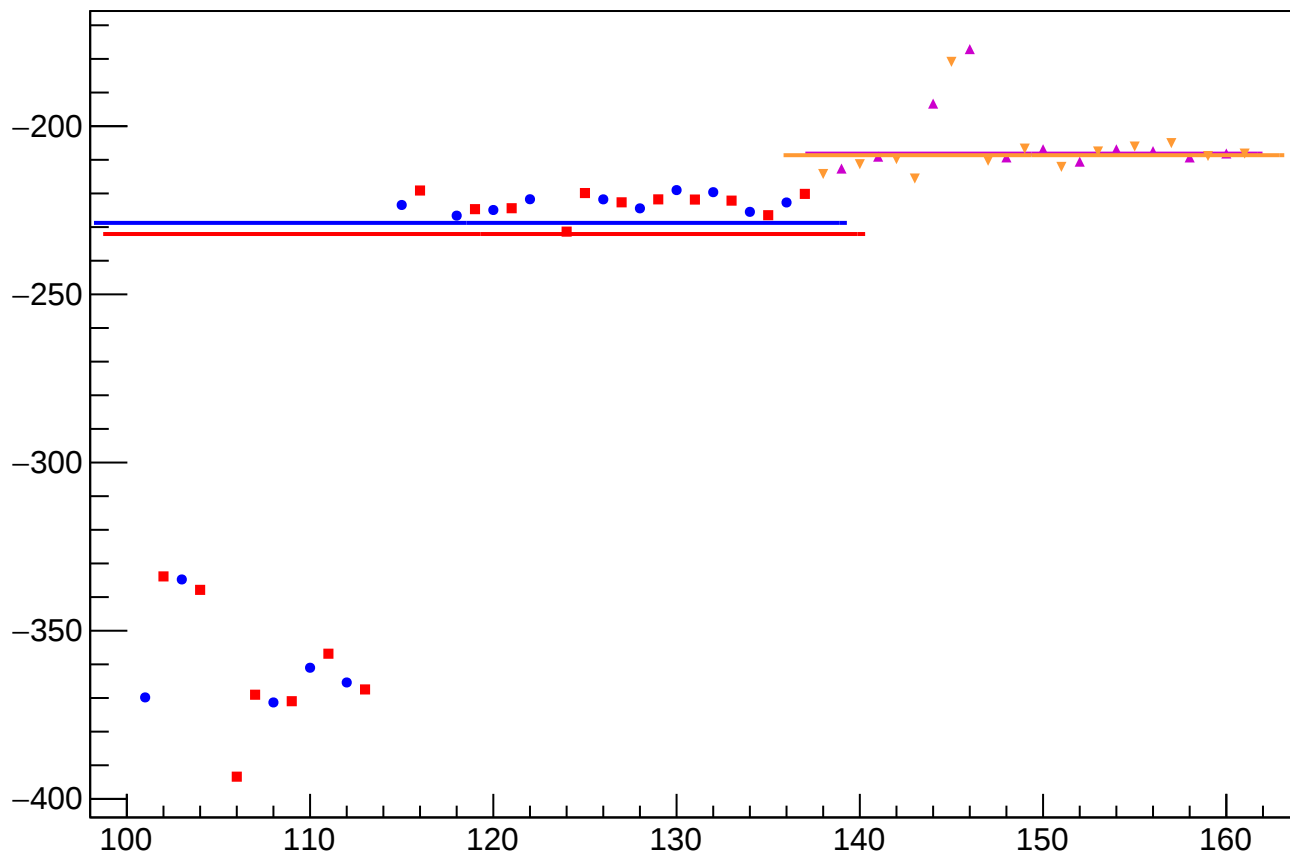
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.321 ± 0.008 $\chi^2/\text{NDF}: 62220.4/25$

Out: 14.951 ± 0.009 $\chi^2/\text{NDF}: 135834.7/30$

All: 15.151 ± 0.006 $\chi^2/\text{NDF}: 199079.8/56$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.627 ± 0.020 $\chi^2/\text{NDF}: 73808.6/12$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.157 ± 0.019 $\chi^2/\text{NDF}: 14329.4/10$

Left: -208.382 ± 0.014 $\chi^2/\text{NDF}: 88432.4/23$

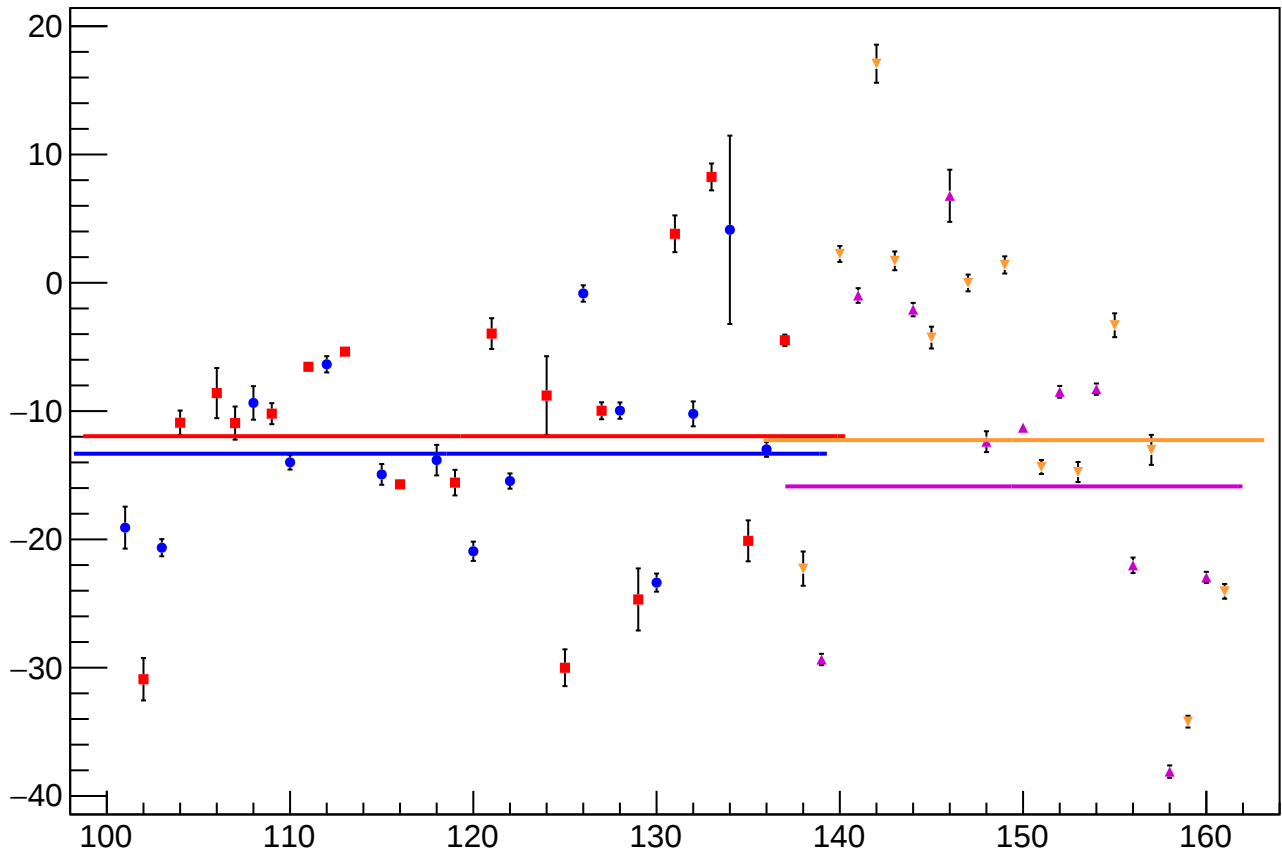
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -212.886 ± 0.017 $\chi^2/\text{NDF}: 943424.9/25$

Out: -212.985 ± 0.018 $\chi^2/\text{NDF}: 1127322.6/30$

All: -212.932 ± 0.012 $\chi^2/\text{NDF}: 2070764.1/56$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -12.261 ± 0.196 $\chi^2/\text{NDF}: 5041.9/12$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -15.870 ± 0.151 $\chi^2/\text{NDF}: 5635.3/10$

Left: -14.523 ± 0.119 $\chi^2/\text{NDF}: 10890.6/23$

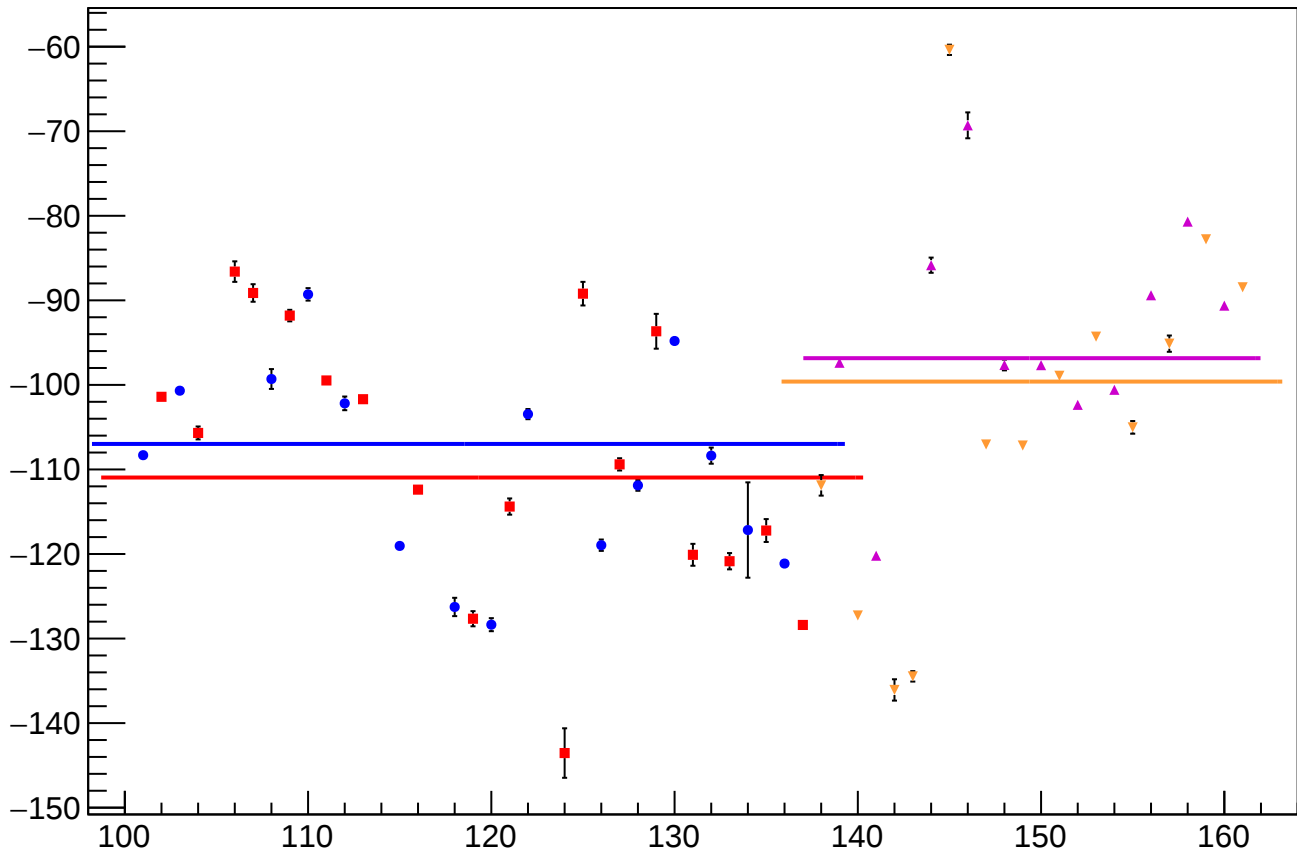
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.907 ± 0.119 $\chi^2/\text{NDF}: 6756.0/25$

Out: -12.032 ± 0.098 $\chi^2/\text{NDF}: 7530.9/30$

All: -13.187 ± 0.075 $\chi^2/\text{NDF}: 14635.7/56$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -99.607 ± 0.156 χ^2/NDF : 14632.9/12

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -96.840 ± 0.126 χ^2/NDF : 5247.5/10

Left: -97.931 ± 0.098 χ^2/NDF : 20070.9/23

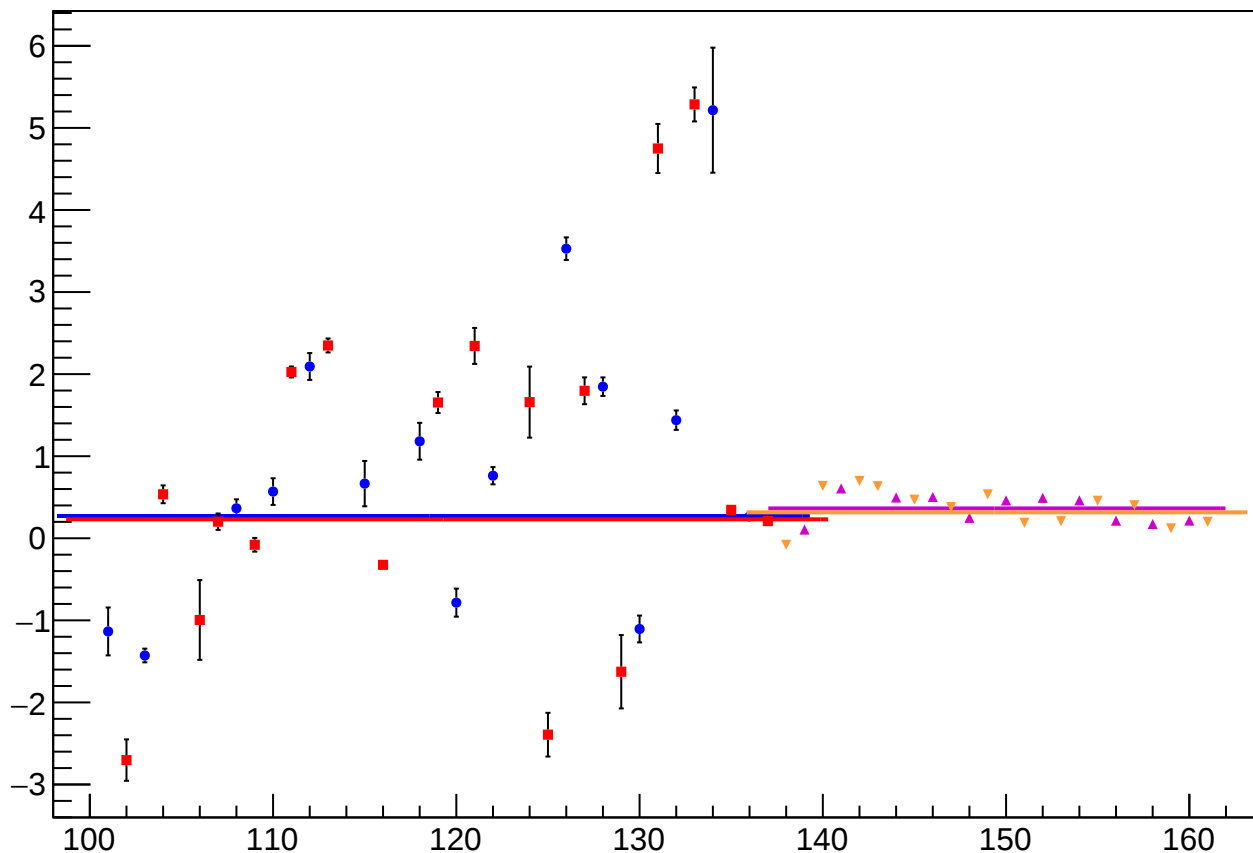
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.593 ± 0.083 χ^2/NDF : 13584.3/25

Out: -109.891 ± 0.048 χ^2/NDF : 30098.5/30

All: -108.070 ± 0.041 χ^2/NDF : 49506.3/56

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.316 ± 0.003 $\chi^2/\text{NDF}: 6406.8/12$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.364 ± 0.002 $\chi^2/\text{NDF}: 7164.5/10$

Left: 0.345 ± 0.002 $\chi^2/\text{NDF}: 13775.1/23$

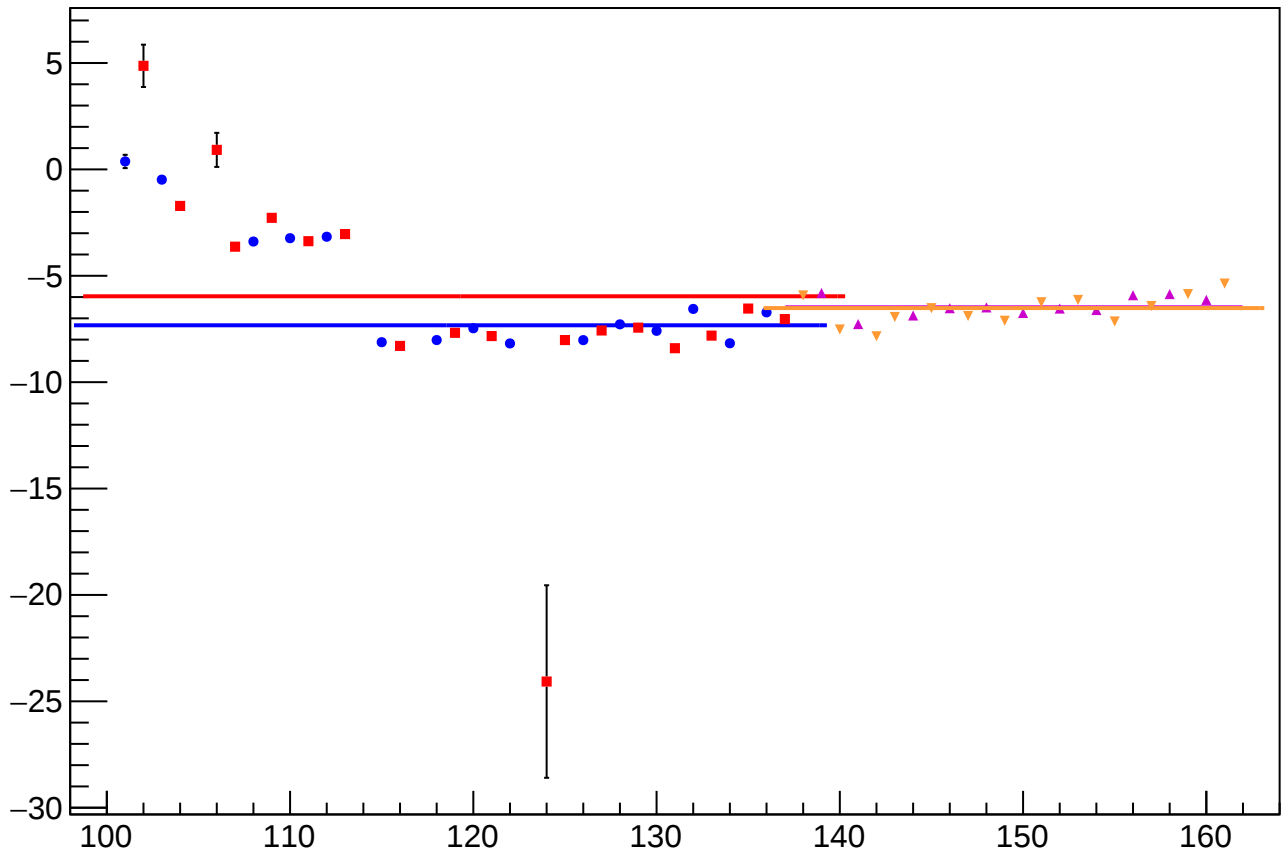
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.351 ± 0.002 $\chi^2/\text{NDF}: 9039.2/25$

Out: 0.294 ± 0.002 $\chi^2/\text{NDF}: 9590.3/30$

All: 0.327 ± 0.001 $\chi^2/\text{NDF}: 19003.1/56$

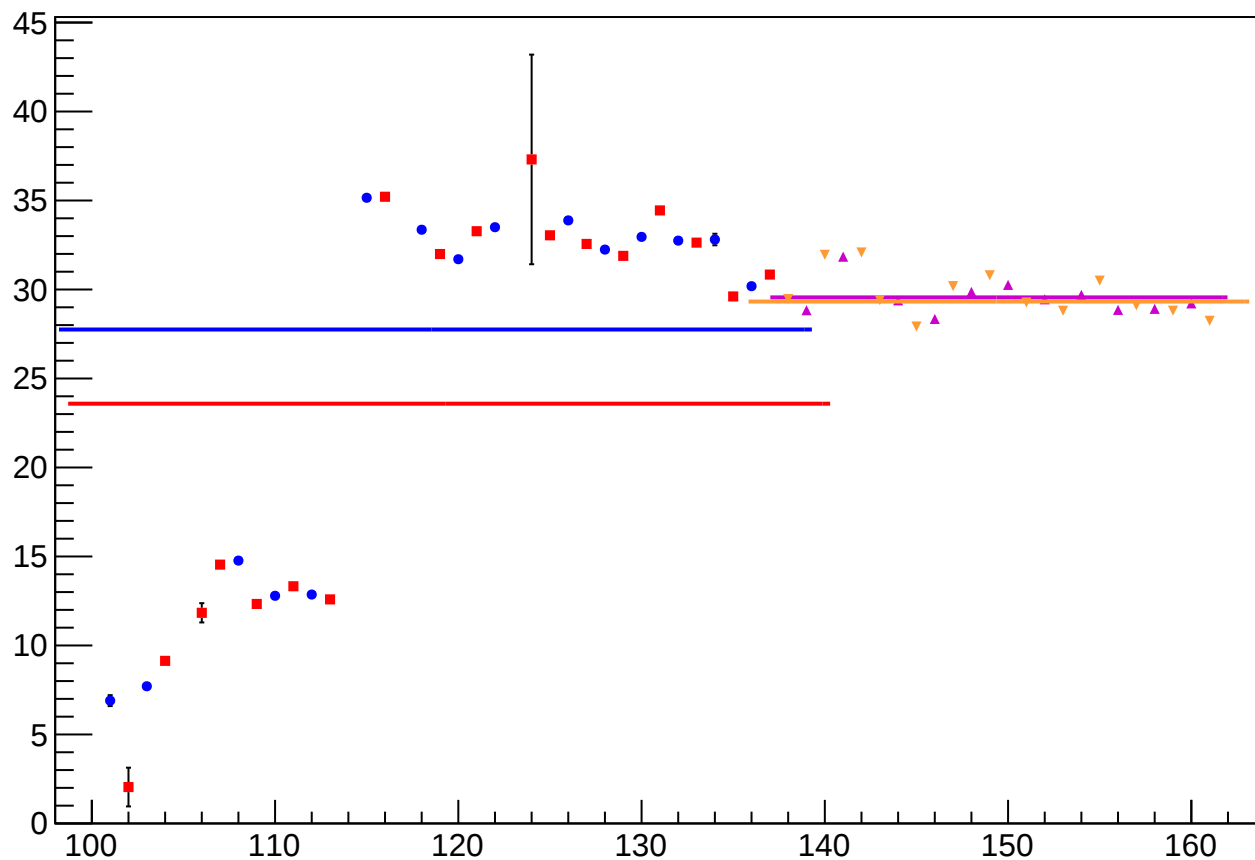
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.518 ± 0.008 $\chi^2/\text{NDF}: 5344.7/12$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.481 ± 0.006 $\chi^2/\text{NDF}: 5227.2/10$

Left: -6.495 ± 0.005 $\chi^2/\text{NDF}: 10585.7/23$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.774 ± 0.005 $\chi^2/\text{NDF}: 42376.0/25$
 Out: -6.276 ± 0.006 $\chi^2/\text{NDF}: 79396.6/30$
 All: -6.565 ± 0.004 $\chi^2/\text{NDF}: 126056.3/56$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.324 $\pm$ 0.013 χ^2 /NDF:8248.8/12

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.557 $\pm$ 0.011 χ^2 /NDF:2957.5/10

Left: 29.456 $\pm$ 0.008 χ^2 /NDF: 11396.2/23

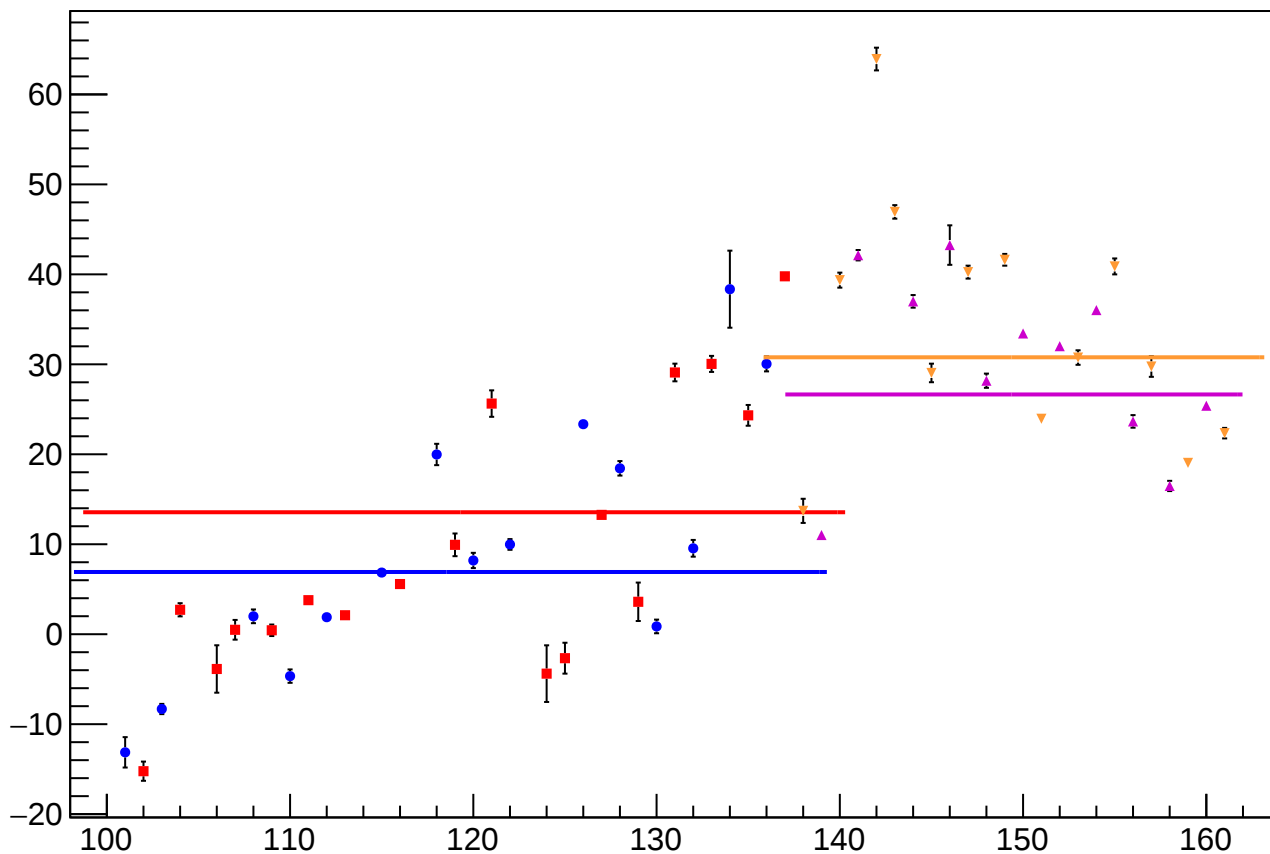
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.917 $\pm$ 0.009 χ^2 /NDF:345181.3/25

Out: 26.665 $\pm$ 0.009 χ^2 /NDF:641875.5/30

All: 27.838 $\pm$ 0.006 χ^2 /NDF: 1017351.9/56

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 30.780 ± 0.202 $\chi^2/\text{NDF}: 3037.5/12$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.650 ± 0.149 $\chi^2/\text{NDF}: 4624.0/10$

Left: 28.102 ± 0.120 $\chi^2/\text{NDF}: 7933.5/23$

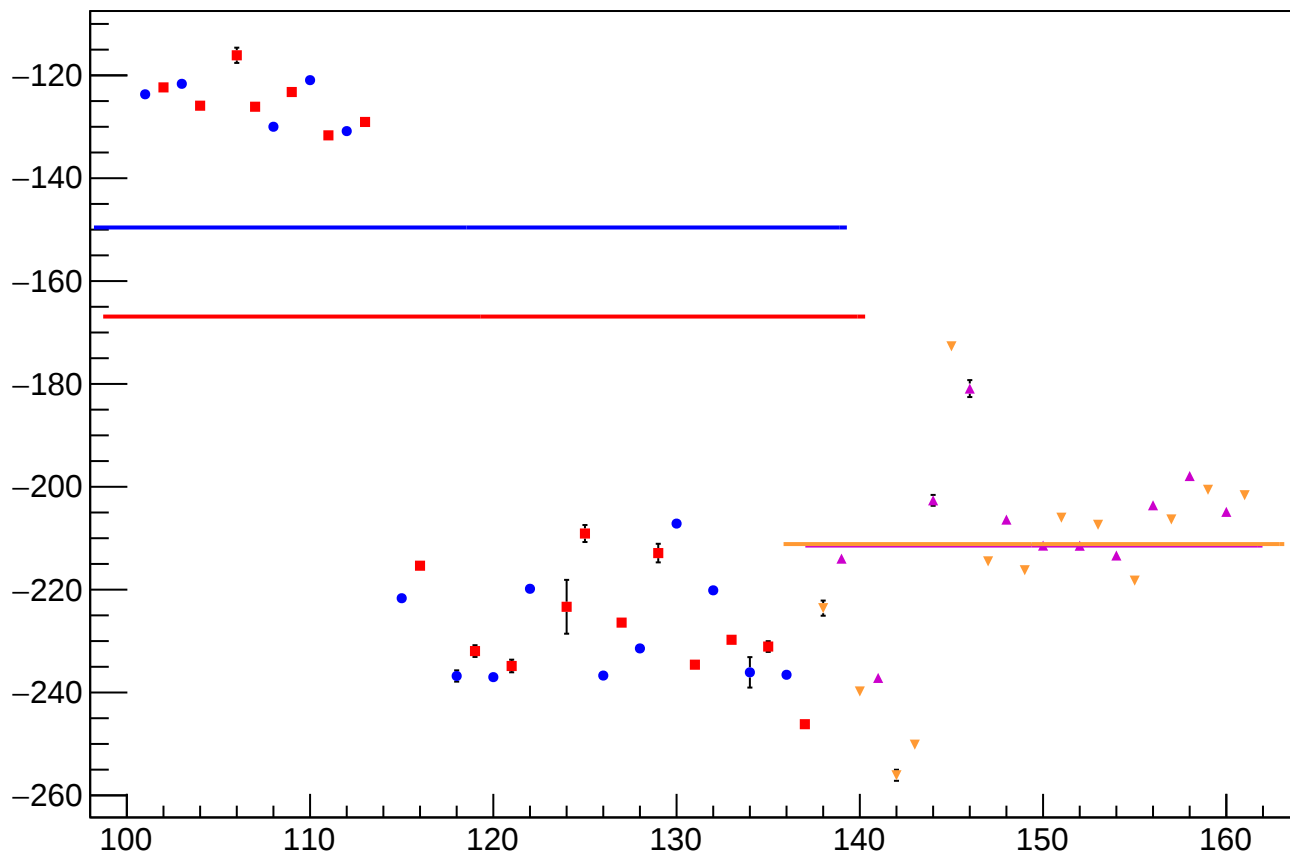
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 18.472 ± 0.114 $\chi^2/\text{NDF}: 15443.4/25$

Out: 19.430 ± 0.118 $\chi^2/\text{NDF}: 19501.5/30$

All: 18.934 ± 0.082 $\chi^2/\text{NDF}: 34979.1/56$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -211.138 ± 0.163 $\chi^2/\text{NDF}: 11811.9/12$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -211.429 ± 0.124 $\chi^2/\text{NDF}: 5133.9/10$

Left: -211.321 ± 0.099 $\chi^2/\text{NDF}: 16947.7/23$

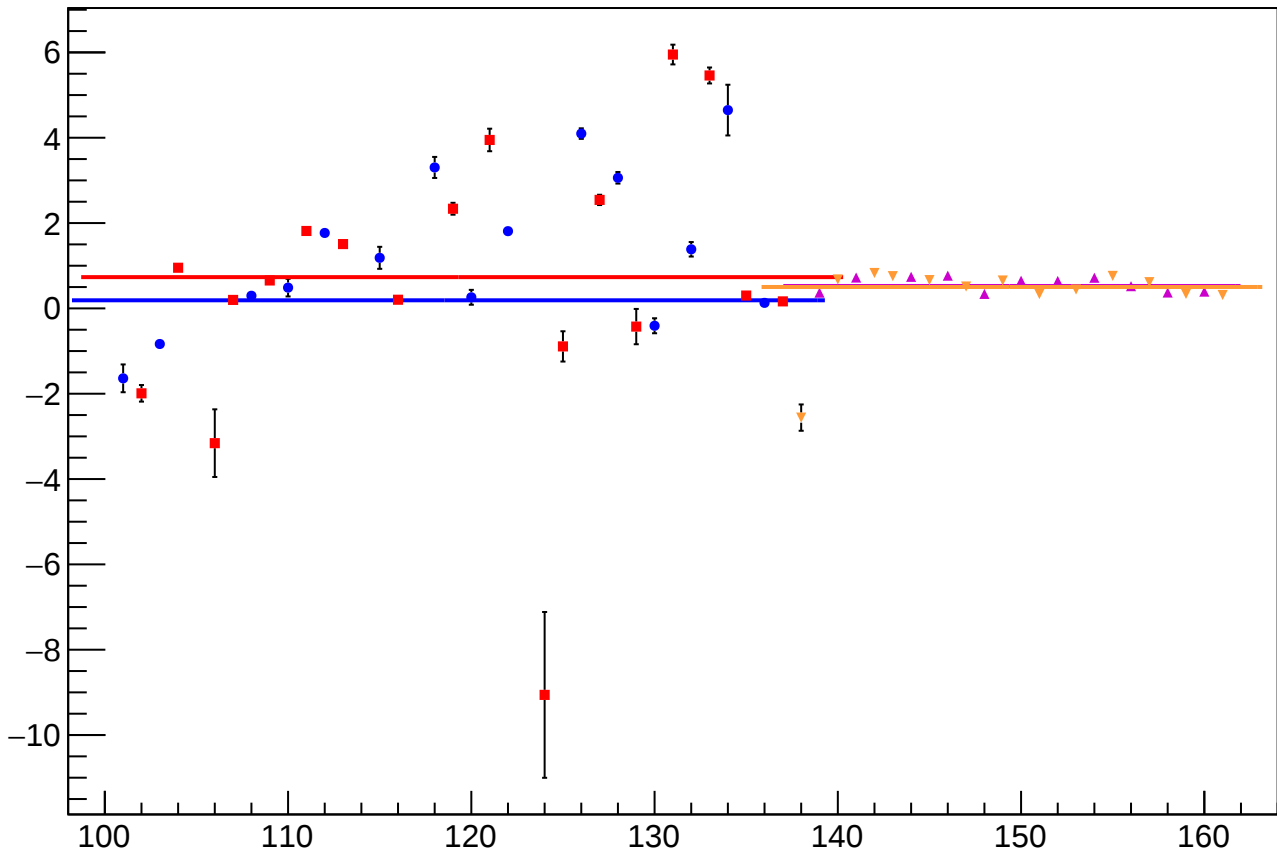
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.169 ± 0.078 $\chi^2/\text{NDF}: 349685.7/25$

Out: -179.149 ± 0.086 $\chi^2/\text{NDF}: 360862.3/30$

All: -176.439 ± 0.058 $\chi^2/\text{NDF}: 712392.6/56$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.502 ± 0.003 χ^2/NDF : 3339.1/12

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.525 ± 0.003 χ^2/NDF : 3702.8/10

Left: 0.516 ± 0.002 χ^2/NDF : 7076.2/23

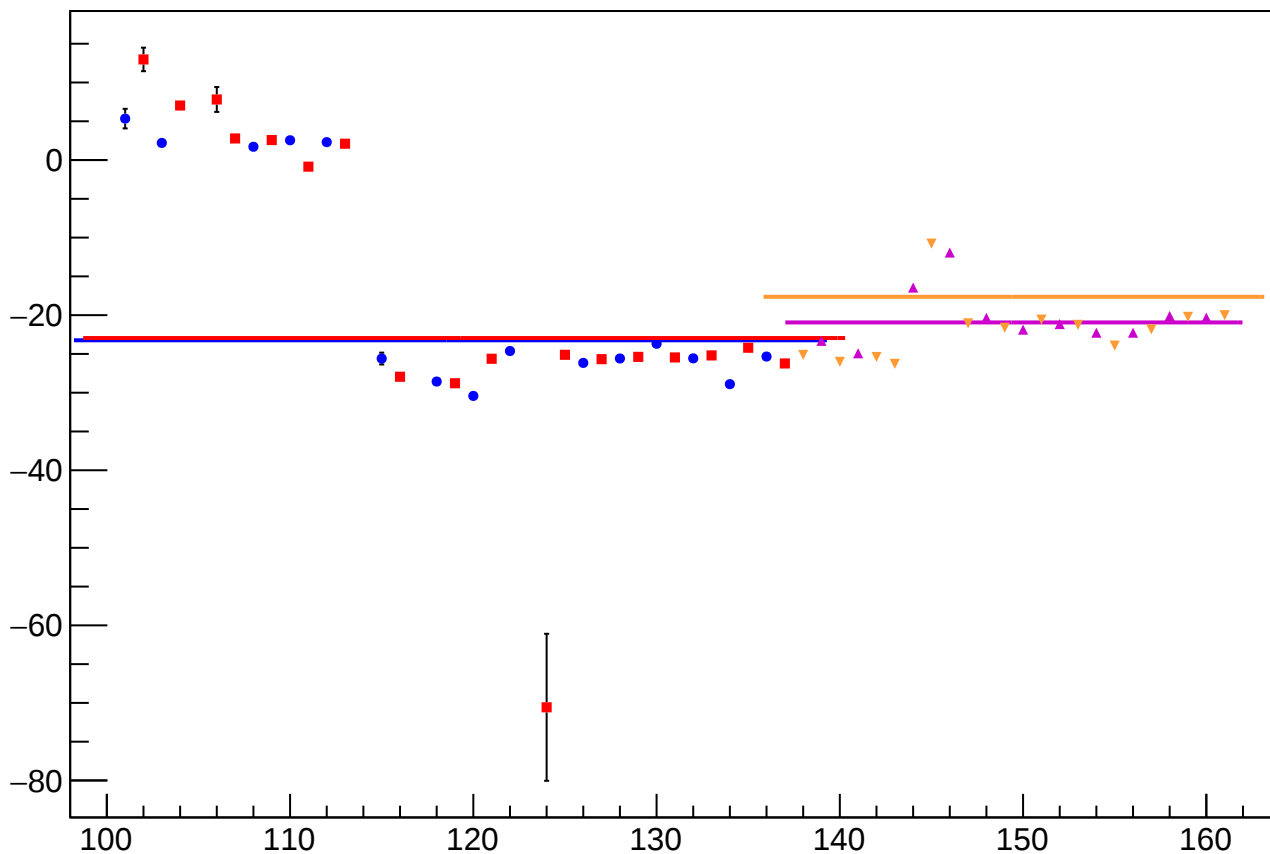
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.499 ± 0.002 χ^2/NDF : 7829.9/25

Out: 0.507 ± 0.003 χ^2/NDF : 6139.4/30

All: 0.502 ± 0.002 χ^2/NDF : 13973.9/56

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.633 ± 0.016 $\chi^2/\text{NDF}: 121206.4/12$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.939 ± 0.016 $\chi^2/\text{NDF}: 10012.0/10$

Left: -19.247 ± 0.011 $\chi^2/\text{NDF}: 153060.6/23$

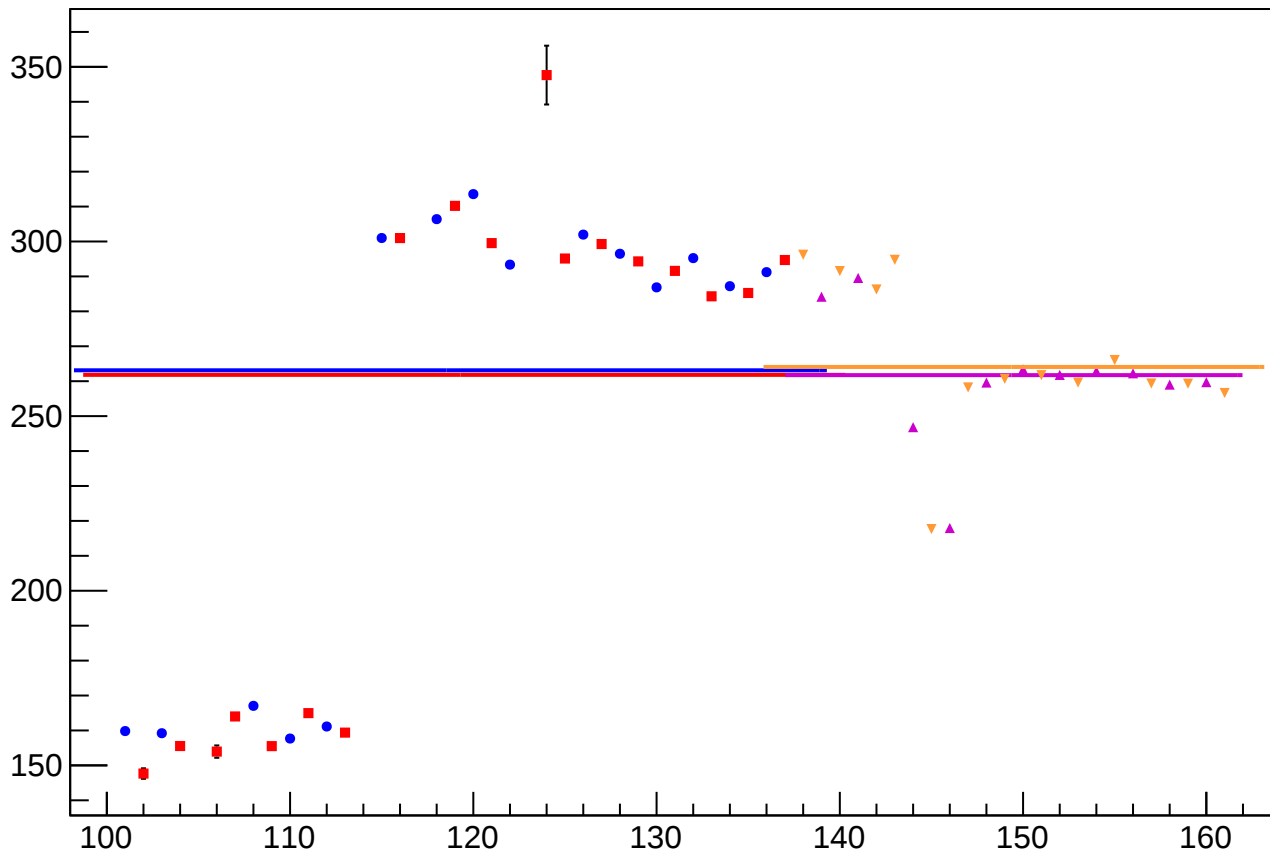
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.617 ± 0.013 $\chi^2/\text{NDF}: 119208.0/25$

Out: -19.155 ± 0.013 $\chi^2/\text{NDF}: 262359.9/30$

All: -20.364 ± 0.009 $\chi^2/\text{NDF}: 398646.8/56$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 264.078 $\pm$ 0.039 χ^2 /NDF:193915.7/12

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.736 $\pm$ 0.034 χ^2 /NDF:36450.2/10

Left: 262.729 $\pm$ 0.026 χ^2 /NDF: 232415.4/23

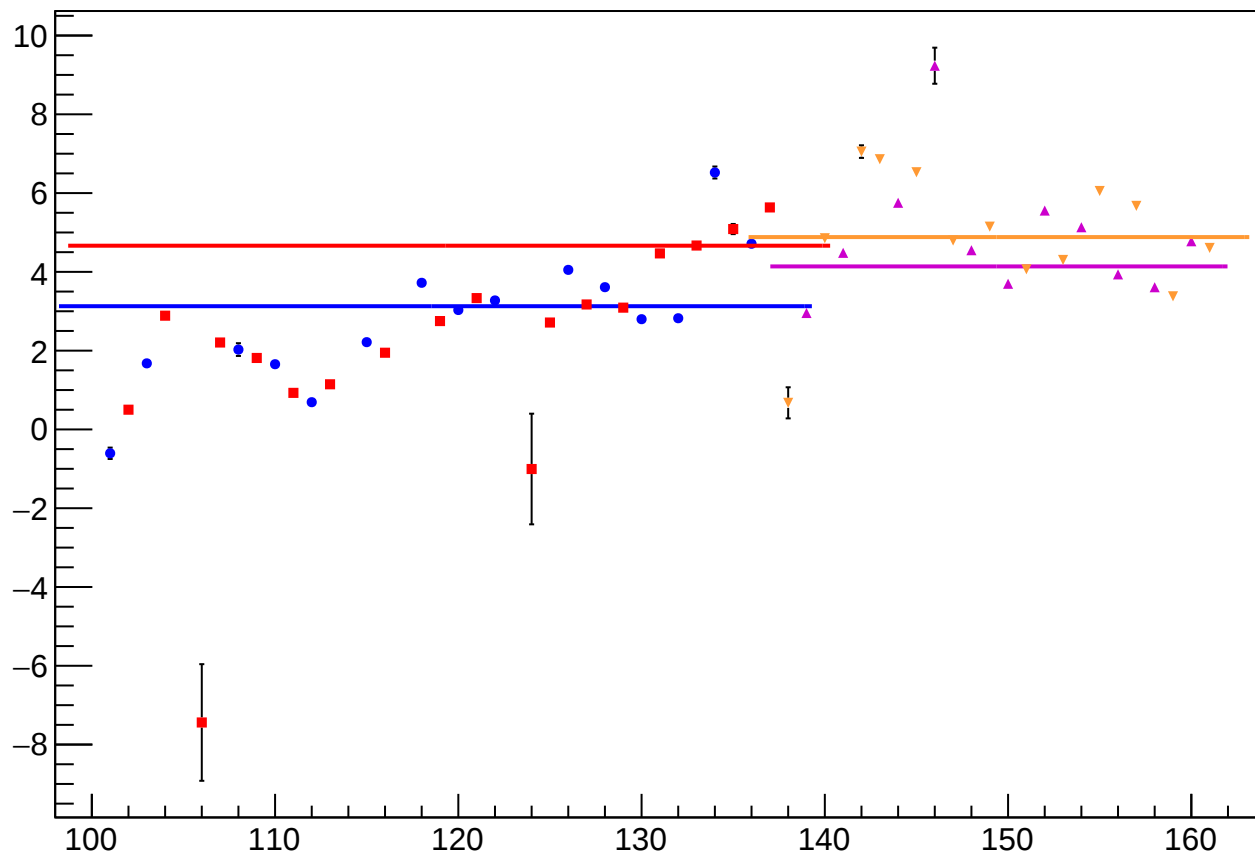
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.002 $\pm$ 0.030 χ^2 /NDF:729659.9/25

Out: 263.406 $\pm$ 0.033 χ^2 /NDF:1201091.9/30

All: 262.645 $\pm$ 0.022 χ^2 /NDF: 1931737.6/56

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.883 ± 0.017 $\chi^2/\text{NDF}: 2143.7/12$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.138 ± 0.016 $\chi^2/\text{NDF}: 2685.7/10$

Left: 4.488 ± 0.012 $\chi^2/\text{NDF}: 5843.4/23$

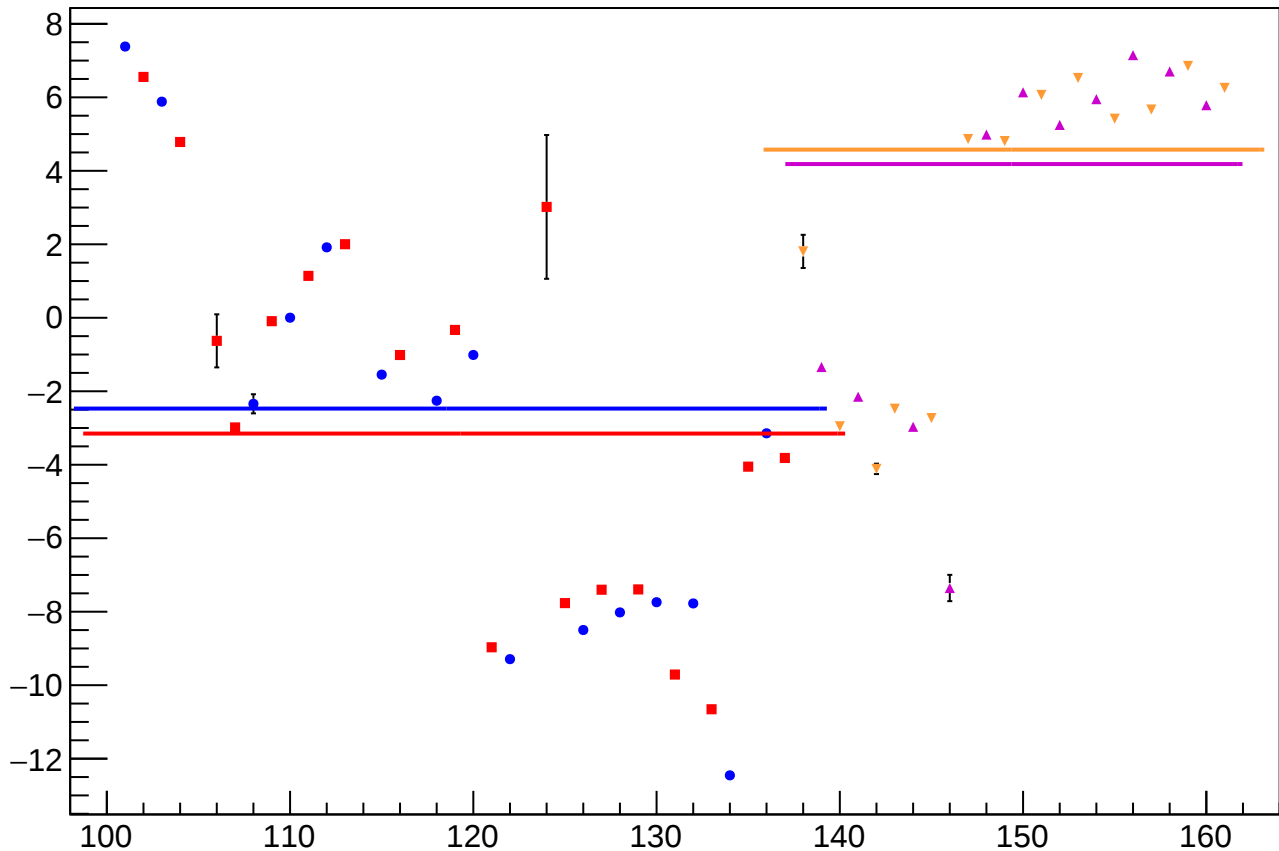
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.625 ± 0.011 $\chi^2/\text{NDF}: 10373.6/25$

Out: 4.691 ± 0.006 $\chi^2/\text{NDF}: 69151.0/30$

All: 4.458 ± 0.005 $\chi^2/\text{NDF}: 86556.8/56$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471±/0.014 χ^2/NDF : 242579.9/14

Left Out: 4.577±/0.014 χ^2/NDF :38126.0/12

Right Out: -3.151±/0.007 χ^2/NDF : 247427.7/17

Left In: 4.184±/0.014 χ^2/NDF :62354.4/10

Left: 4.377±/0.010 χ^2/NDF : 100886.5/23

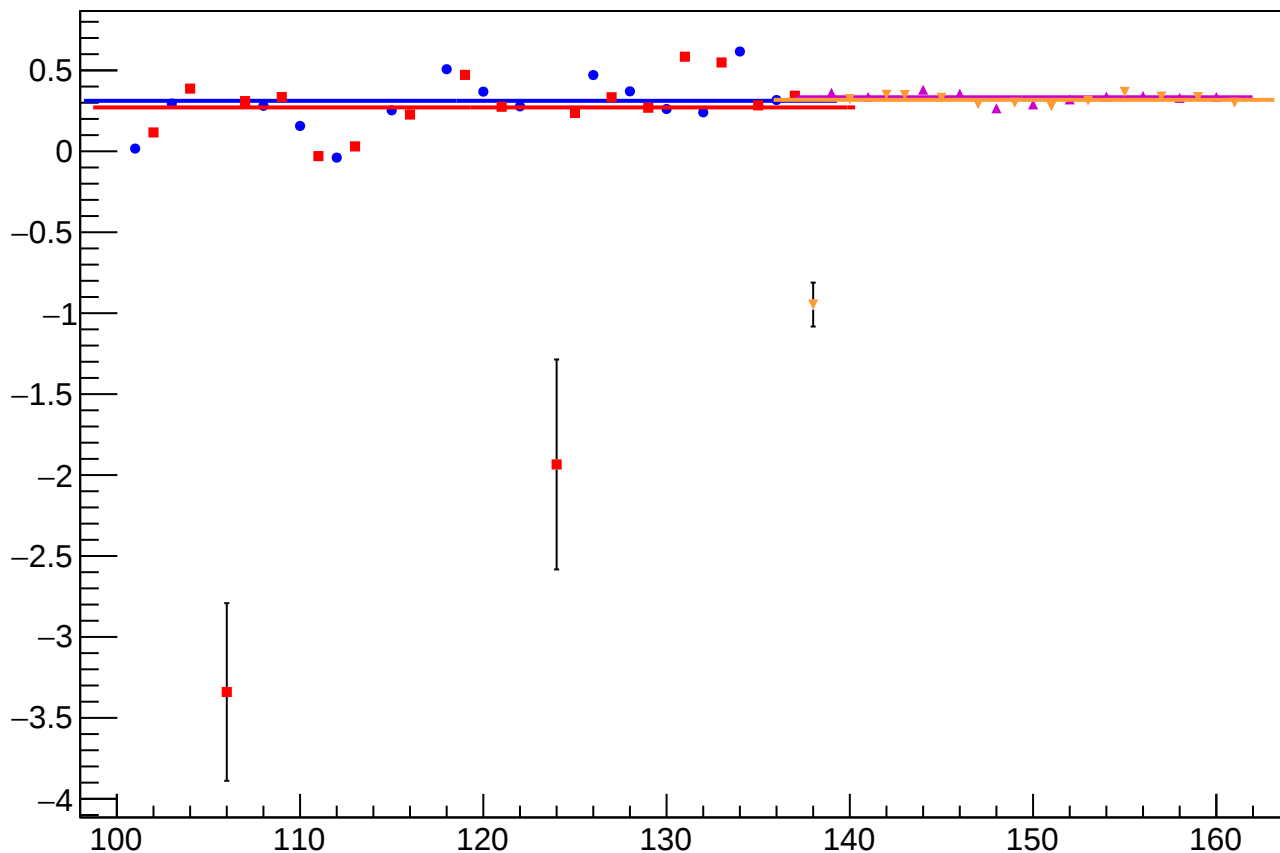
Right: -3.003±/0.007 χ^2/NDF : 491827.6/32

In: 0.965±/0.010 χ^2/NDF :419861.8/25

Out: -1.432±/0.007 χ^2/NDF :525967.2/30

All: -0.692±/0.005 χ^2/NDF : 987097.5/56

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 1295.2/12$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 1942.9/10$

Left: 0.326 ± 0.001 $\chi^2/\text{NDF}: 3488.7/23$

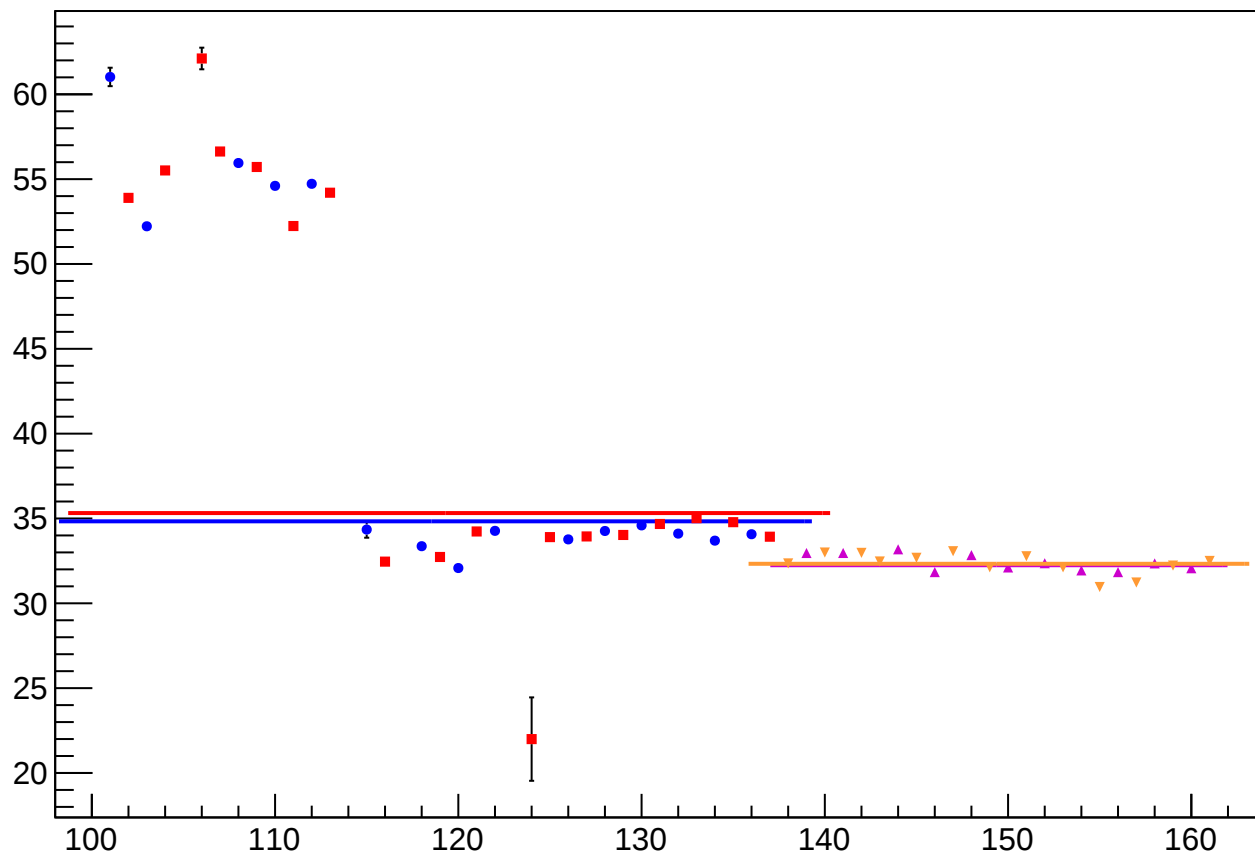
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.329 ± 0.001 $\chi^2/\text{NDF}: 3485.1/25$

Out: 0.313 ± 0.001 $\chi^2/\text{NDF}: 7881.9/30$

All: 0.321 ± 0.000 $\chi^2/\text{NDF}: 11649.5/56$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 ± 0.009 $\chi^2/\text{NDF}: 245568.8/14$

Left Out: 32.329 ± 0.005 $\chi^2/\text{NDF}: 3543.5/12$

Right Out: 35.319 ± 0.010 $\chi^2/\text{NDF}: 261492.0/17$

Left In: 32.244 ± 0.005 $\chi^2/\text{NDF}: 4841.6/10$

Left: 32.285 ± 0.003 $\chi^2/\text{NDF}: 8541.3/23$

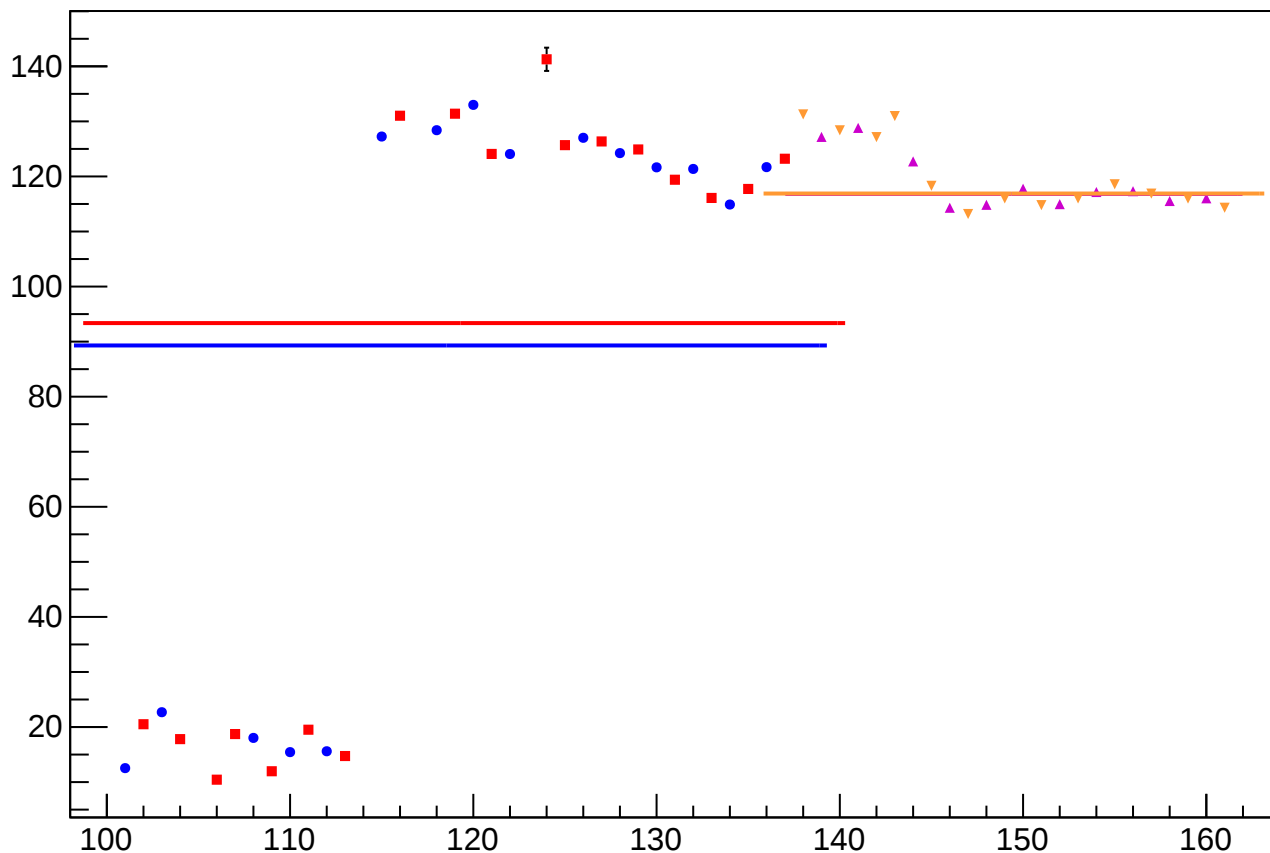
Right: 35.041 ± 0.007 $\chi^2/\text{NDF}: 508429.6/32$

In: 32.835 ± 0.004 $\chi^2/\text{NDF}: 319940.6/25$

Out: 32.903 ± 0.004 $\chi^2/\text{NDF}: 337974.5/30$

All: 32.867 ± 0.003 $\chi^2/\text{NDF}: 658044.5/56$

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 116.895 $\pm$ 0.010 χ^2 /NDF: 119245.2/12

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.817 $\pm$ 0.010 χ^2 /NDF: 41484.1/10

Left: 116.854 $\pm$ 0.007 χ^2 /NDF: 160760.1/23

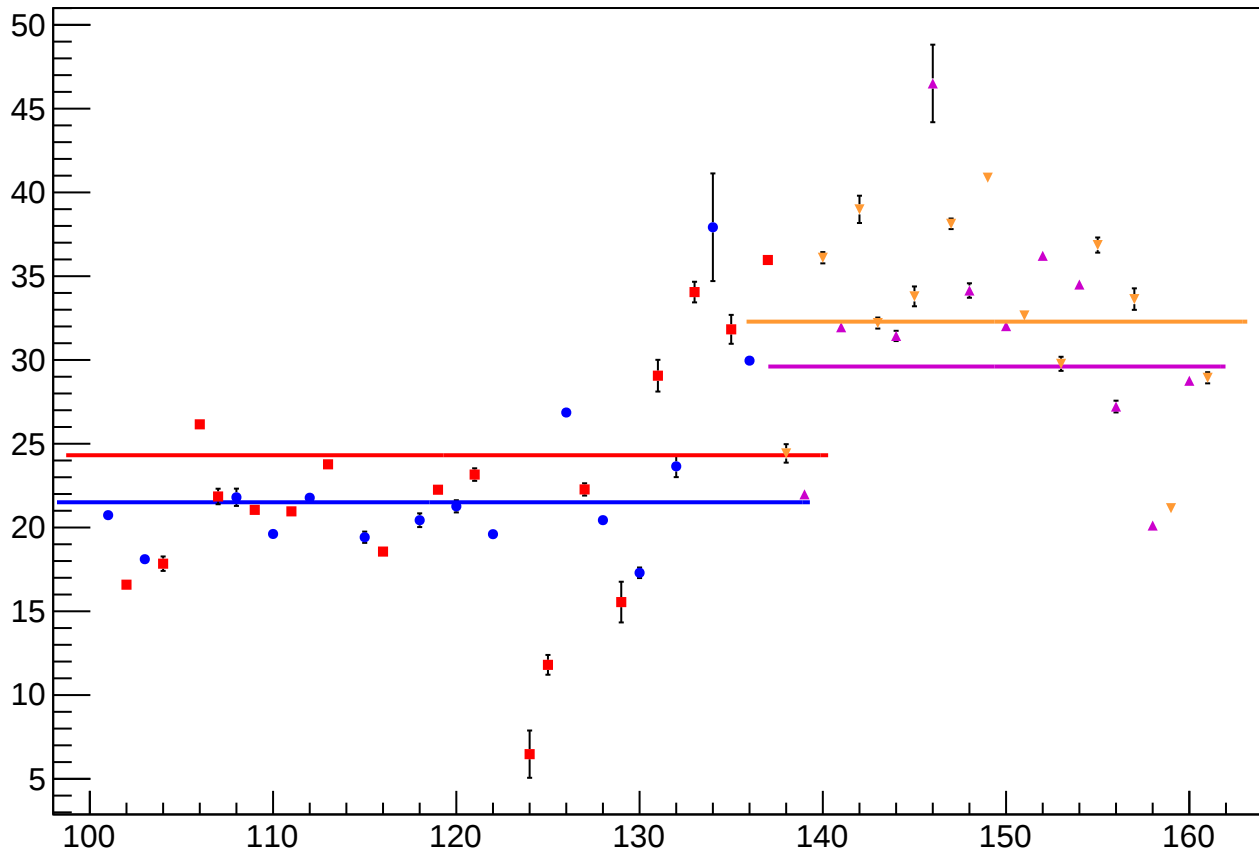
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 113.749 $\pm$ 0.009 χ^2 /NDF: 3969465.6/25

Out: 114.422 $\pm$ 0.010 χ^2 /NDF: 3524302.2/30

All: 114.066 $\pm$ 0.007 χ^2 /NDF: 7496307.4/56

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.288 $\pm$ 0.100 χ^2/NDF : 3658.5/12

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 29.609 $\pm$ 0.081 χ^2/NDF : 4059.1/10

Left: 30.673 $\pm$ 0.063 χ^2/NDF : 8148.9/23

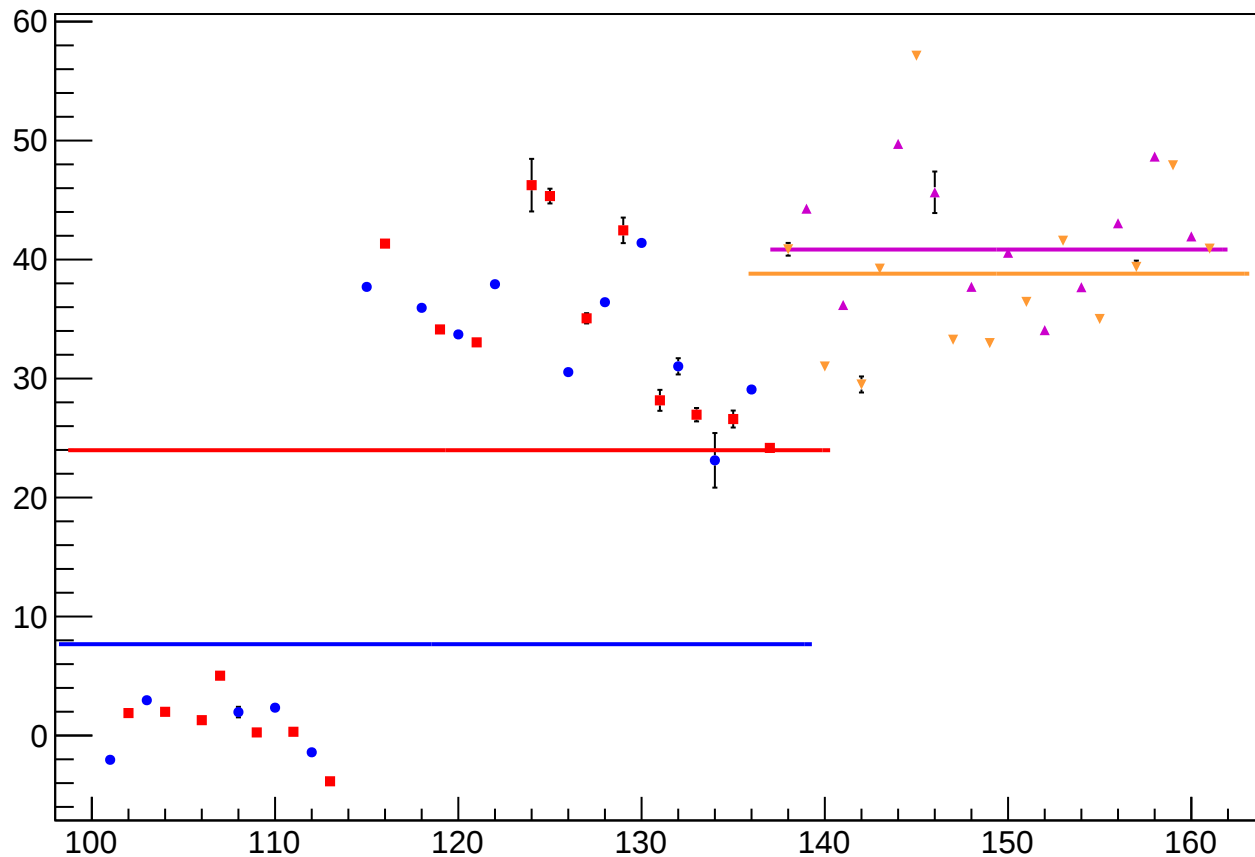
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 25.086 $\pm$ 0.054 χ^2/NDF : 12565.4/25

Out: 26.340 $\pm$ 0.050 χ^2/NDF : 22680.9/30

All: 25.756 $\pm$ 0.037 χ^2/NDF : 35534.2/56

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 38.813 $\pm$ 0.082 χ^2 /NDF: 6203.9/12

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 40.842 $\pm$ 0.067 χ^2 /NDF: 3650.0/10

Left: 40.030 $\pm$ 0.052 χ^2 /NDF: 10223.6/23

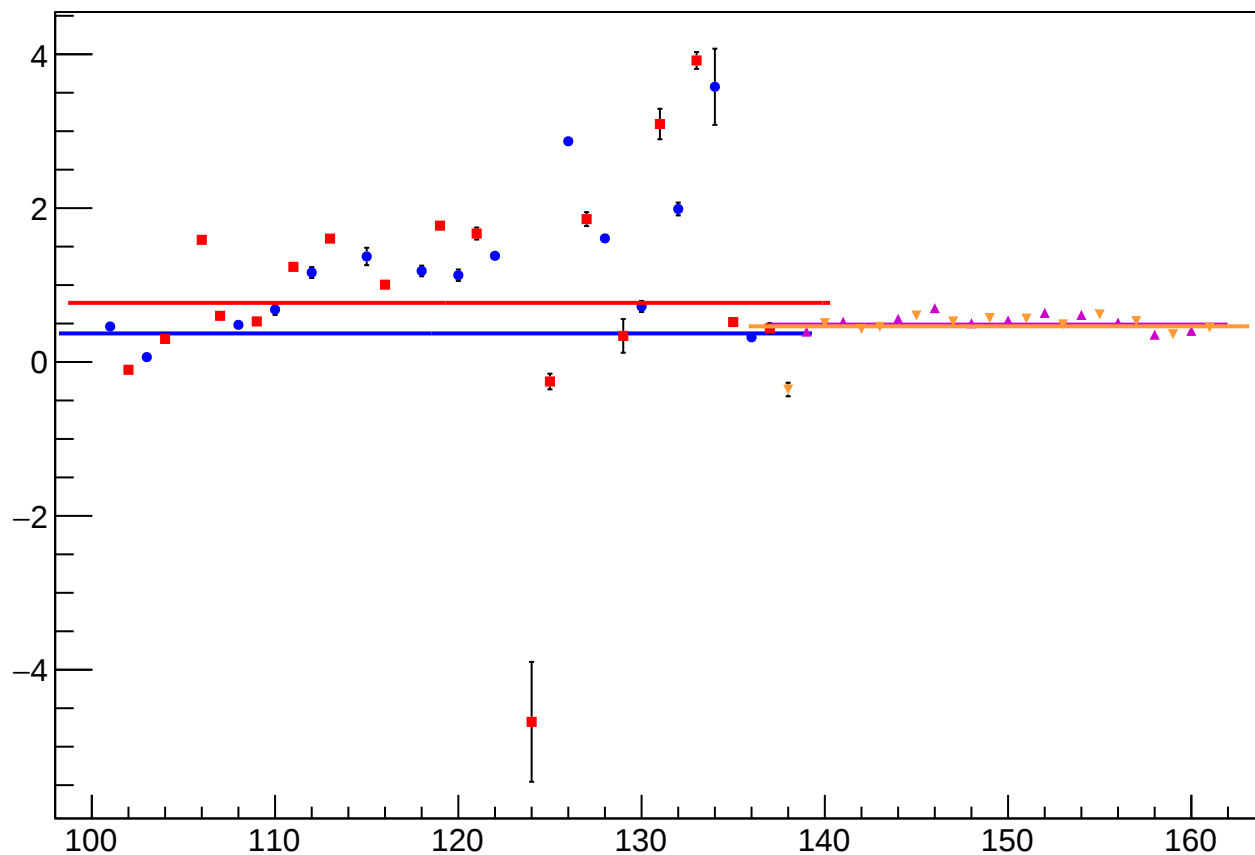
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 18.111 $\pm$ 0.037 χ^2 /NDF: 269254.8/25

Out: 24.124 $\pm$ 0.008 χ^2 /NDF: 149392.0/30

All: 23.853 $\pm$ 0.008 χ^2 /NDF: 443267.4/56

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.464 $\pm$ 0.001 χ^2/NDF :4643.2/12

Right Out: 0.769 $\pm$ 0.007 χ^2/NDF : 4137.5/17

Left In: 0.486 $\pm$ 0.001 χ^2/NDF :6900.3/10

Left: 0.475 $\pm$ 0.001 χ^2/NDF : 11695.0/23

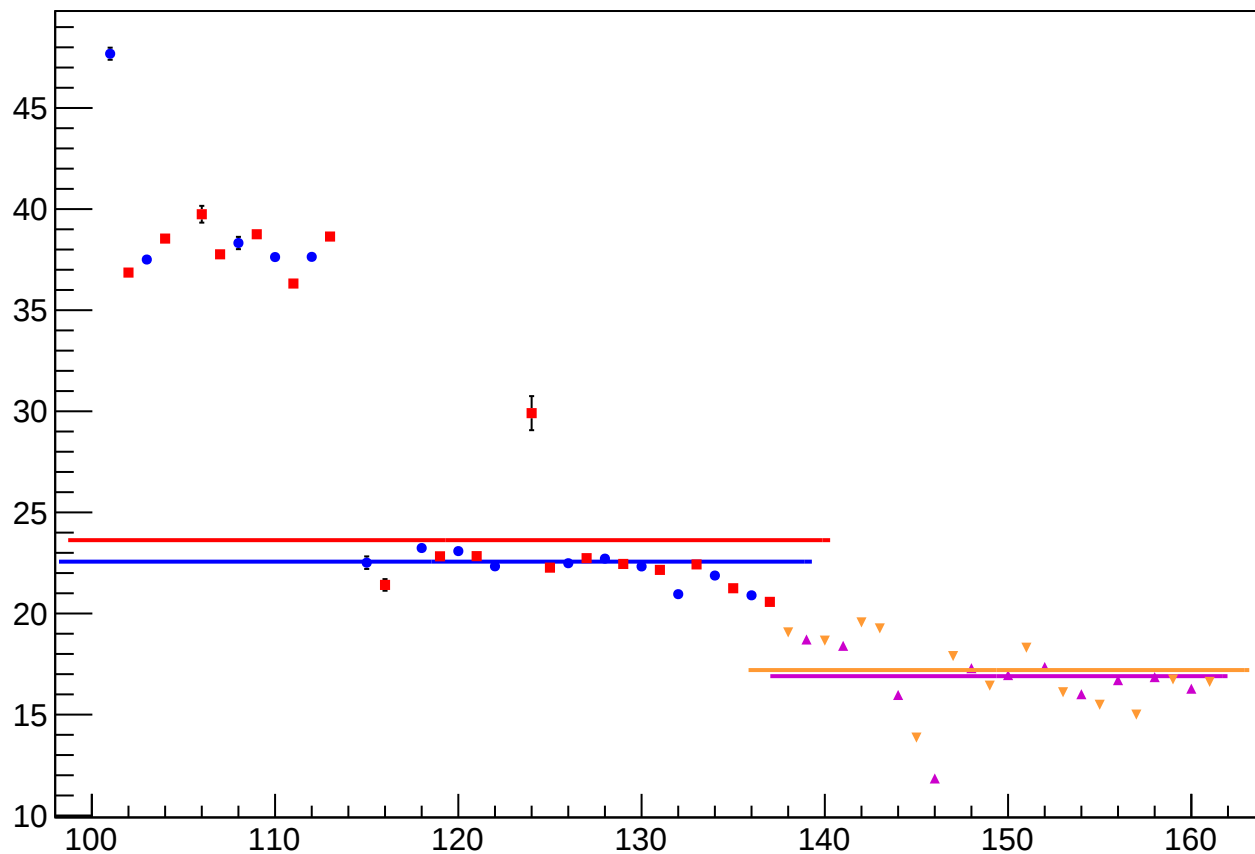
Right: 0.484 $\pm$ 0.004 χ^2/NDF : 11237.9/32

In: 0.477 $\pm$ 0.001 χ^2/NDF :12284.2/25

Out: 0.474 $\pm$ 0.001 χ^2/NDF :10651.3/30

All: 0.476 $\pm$ 0.001 χ^2/NDF : 22938.6/56

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.202 ± 0.007 $\chi^2/\text{NDF}: 44941.5/12$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.901 ± 0.008 $\chi^2/\text{NDF}: 12992.7/10$

Left: 17.068 ± 0.005 $\chi^2/\text{NDF}: 58678.0/23$

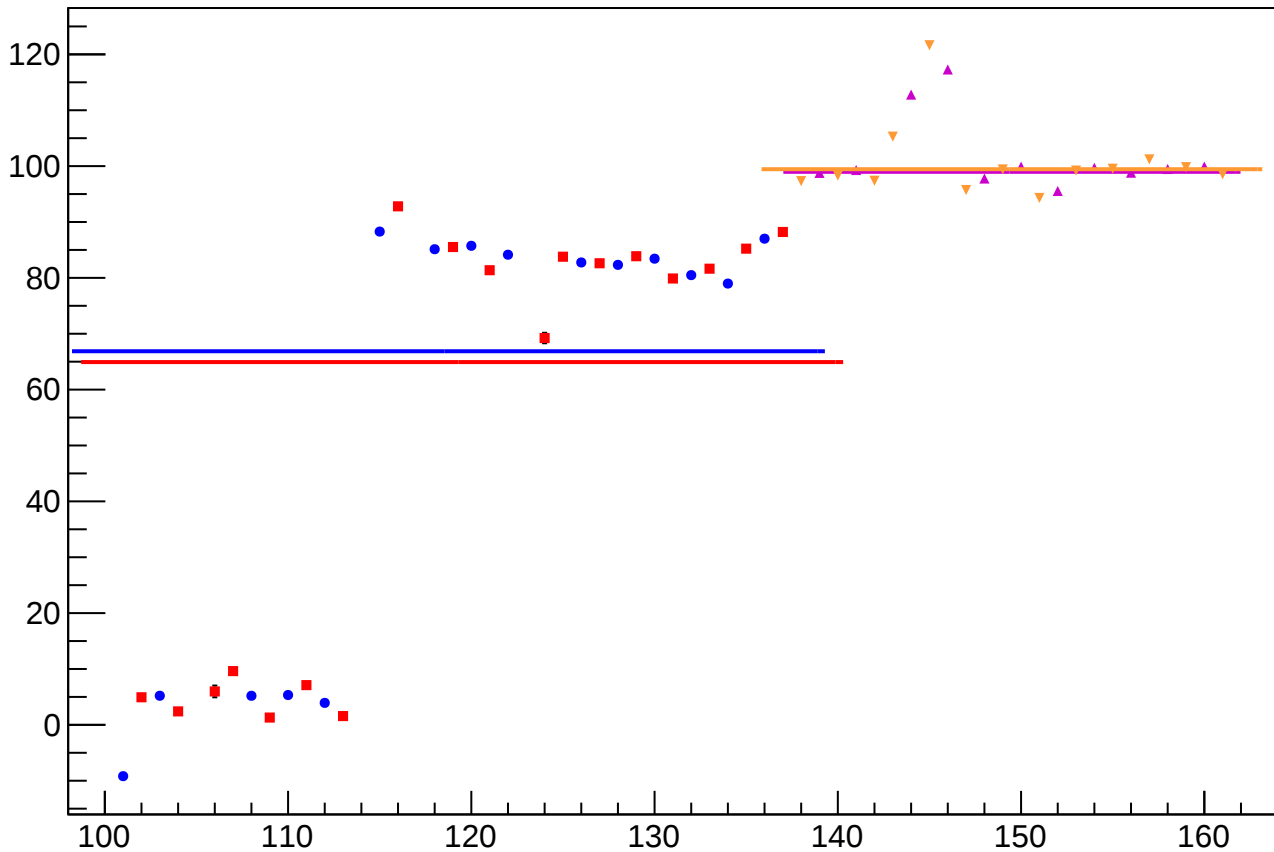
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 19.136 ± 0.006 $\chi^2/\text{NDF}: 293477.3/25$

Out: 19.140 ± 0.006 $\chi^2/\text{NDF}: 397080.5/30$

All: 19.138 ± 0.004 $\chi^2/\text{NDF}: 690558.0/56$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.447 $\pm$ 0.014 χ^2 /NDF: 69198.8/12

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.978 $\pm$ 0.014 χ^2 /NDF: 15024.4/10

Left: 99.216 $\pm$ 0.010 χ^2 /NDF: 84780.2/23

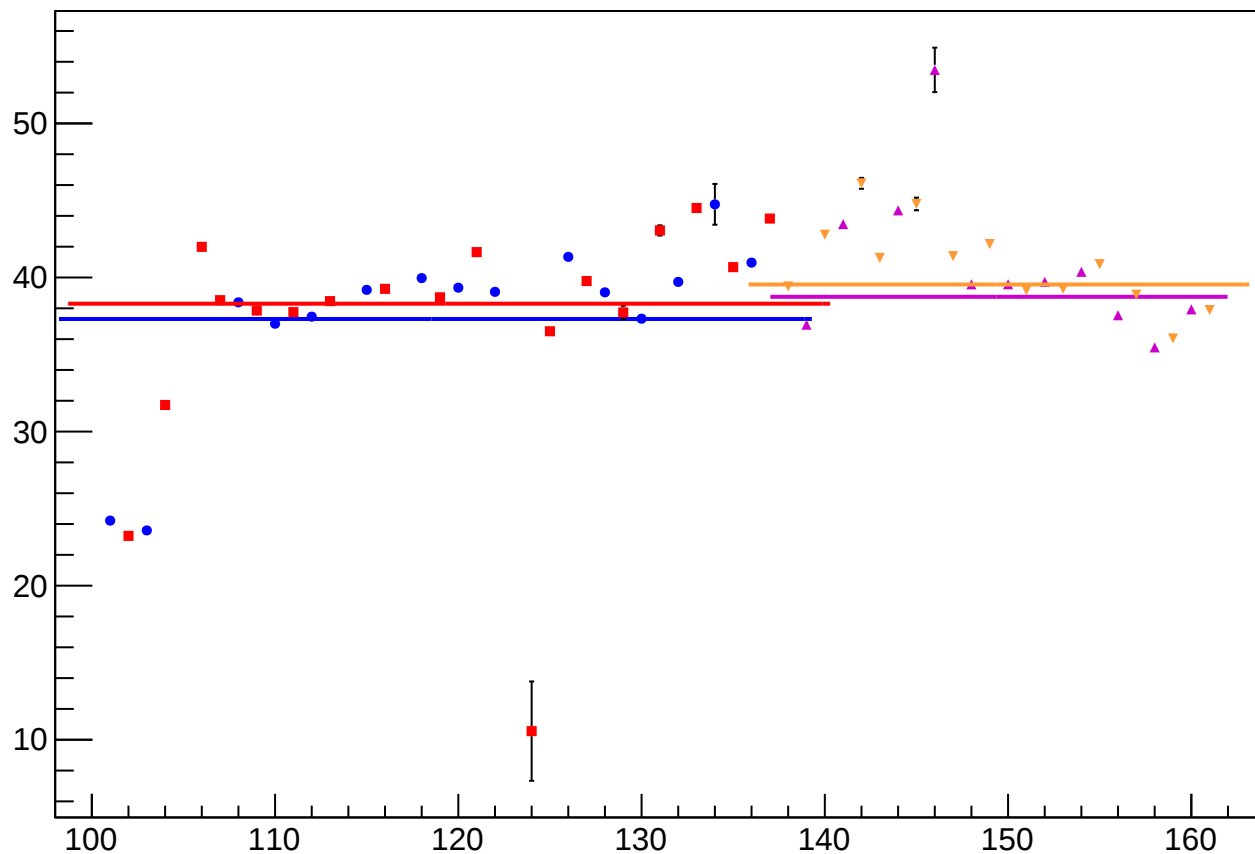
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.102 $\pm$ 0.013 χ^2 /NDF: 2615897.8/25

Out: 93.222 $\pm$ 0.013 χ^2 /NDF: 2508880.9/30

All: 92.657 $\pm$ 0.009 χ^2 /NDF: 5128751.5/56

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.546 ± 0.038 $\chi^2/\text{NDF}: 3876.1/12$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.748 ± 0.029 $\chi^2/\text{NDF}: 5265.4/10$

Left: 39.044 ± 0.023 $\chi^2/\text{NDF}: 9419.6/23$

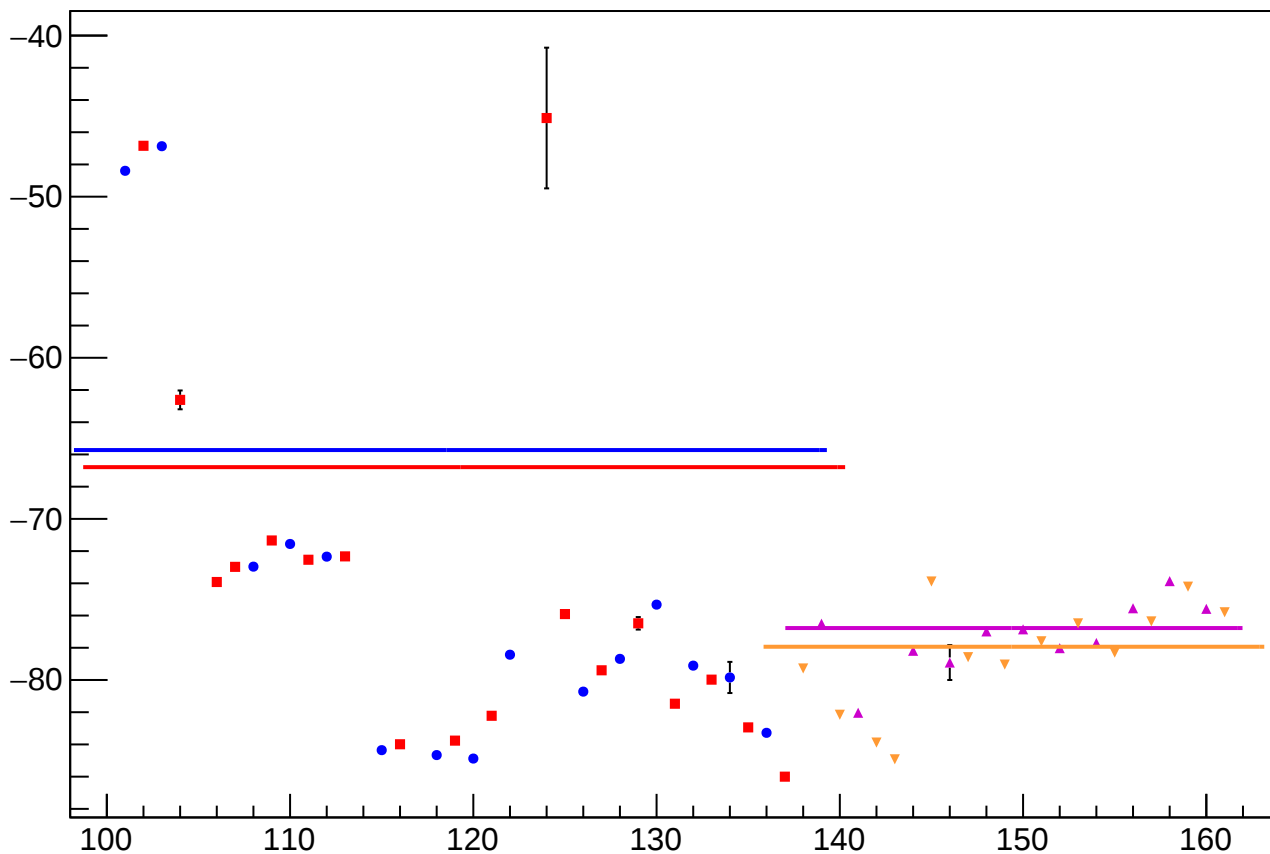
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.862 ± 0.018 $\chi^2/\text{NDF}: 66344.5/25$

Out: 38.581 ± 0.018 $\chi^2/\text{NDF}: 23550.4/30$

All: 38.223 ± 0.013 $\chi^2/\text{NDF}: 90686.3/56$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -77.937 ± 0.032 $\chi^2/\text{NDF}: 11192.1/12$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.776 ± 0.023 $\chi^2/\text{NDF}: 4724.4/10$

Left: -77.185 ± 0.019 $\chi^2/\text{NDF}: 16793.9/23$

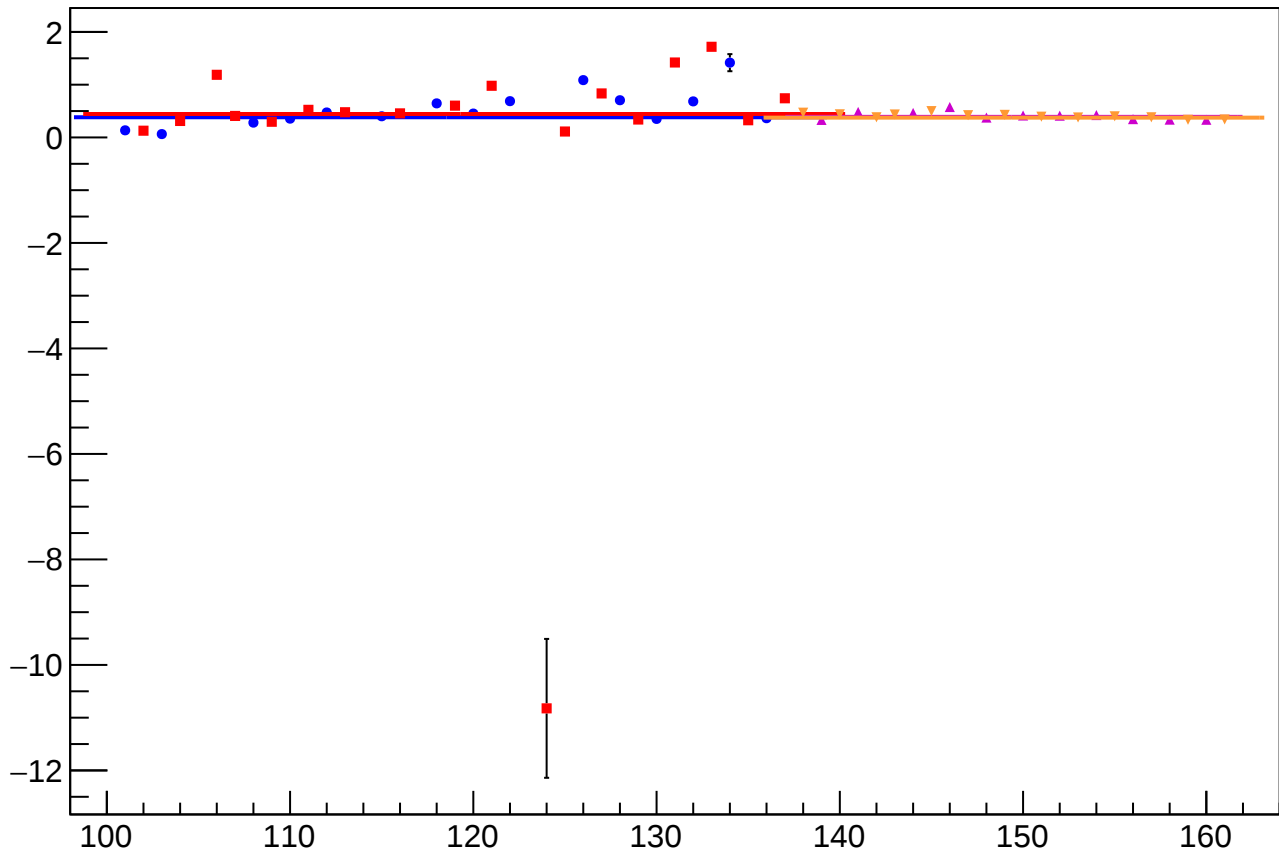
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.529 ± 0.014 $\chi^2/\text{NDF}: 1055691.8/25$

Out: -69.028 ± 0.014 $\chi^2/\text{NDF}: 920488.3/30$

All: -69.287 ± 0.010 $\chi^2/\text{NDF}: 1976829.6/56$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.375 $\pm$ 0.001 χ^2 /NDF: 5350.9/12

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.390 $\pm$ 0.001 χ^2 /NDF: 6096.7/10

Left: 0.383 $\pm$ 0.000 χ^2 /NDF: 11771.4/23

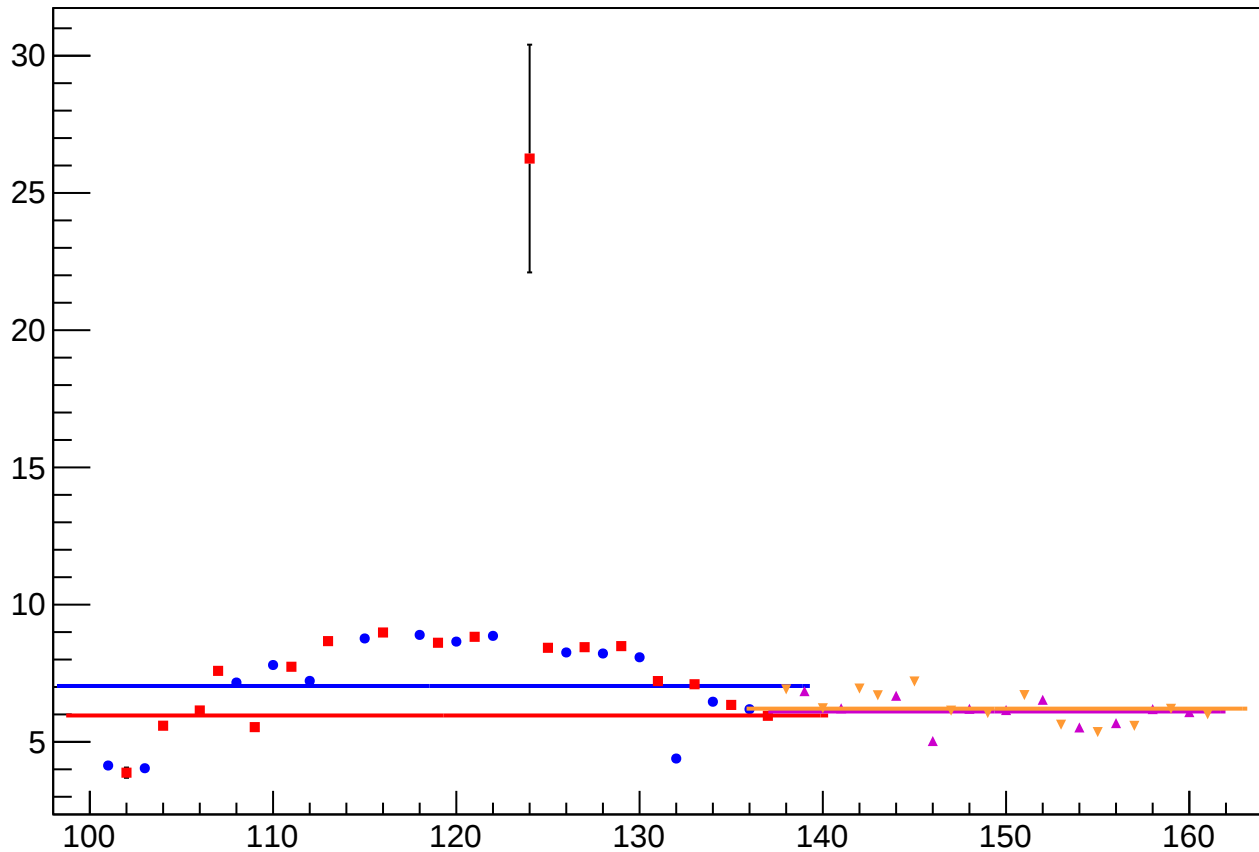
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.389 $\pm$ 0.001 χ^2 /NDF: 14283.7/25

Out: 0.377 $\pm$ 0.001 χ^2 /NDF: 8482.5/30

All: 0.383 $\pm$ 0.000 χ^2 /NDF: 23008.3/56

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.211 ± 0.002 χ^2/NDF : 25470.6/12

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.107 ± 0.002 χ^2/NDF : 27762.2/10

Left: 6.152 ± 0.001 χ^2/NDF : 54801.1/23

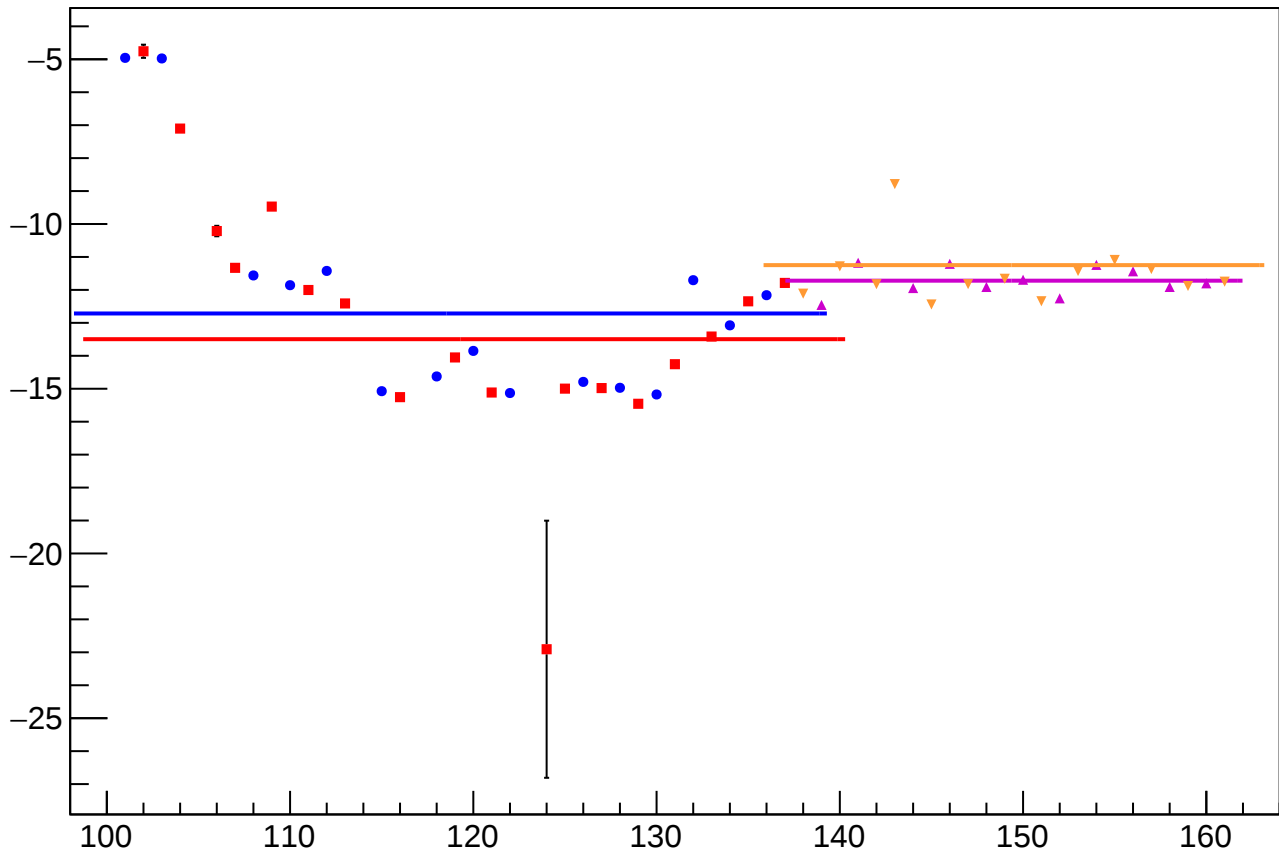
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.224 ± 0.002 χ^2/NDF : 134554.2/25

Out: 5.972 ± 0.000 χ^2/NDF : 209068.0/30

All: 5.987 ± 0.000 χ^2/NDF : 366904.6/56

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.248 $\pm$ 0.003 χ^2 /NDF:196216.2/12

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.720 $\pm$ 0.002 χ^2 /NDF:12301.1/10

Left: -11.501 $\pm$ 0.002 χ^2 /NDF: 226306.9/23

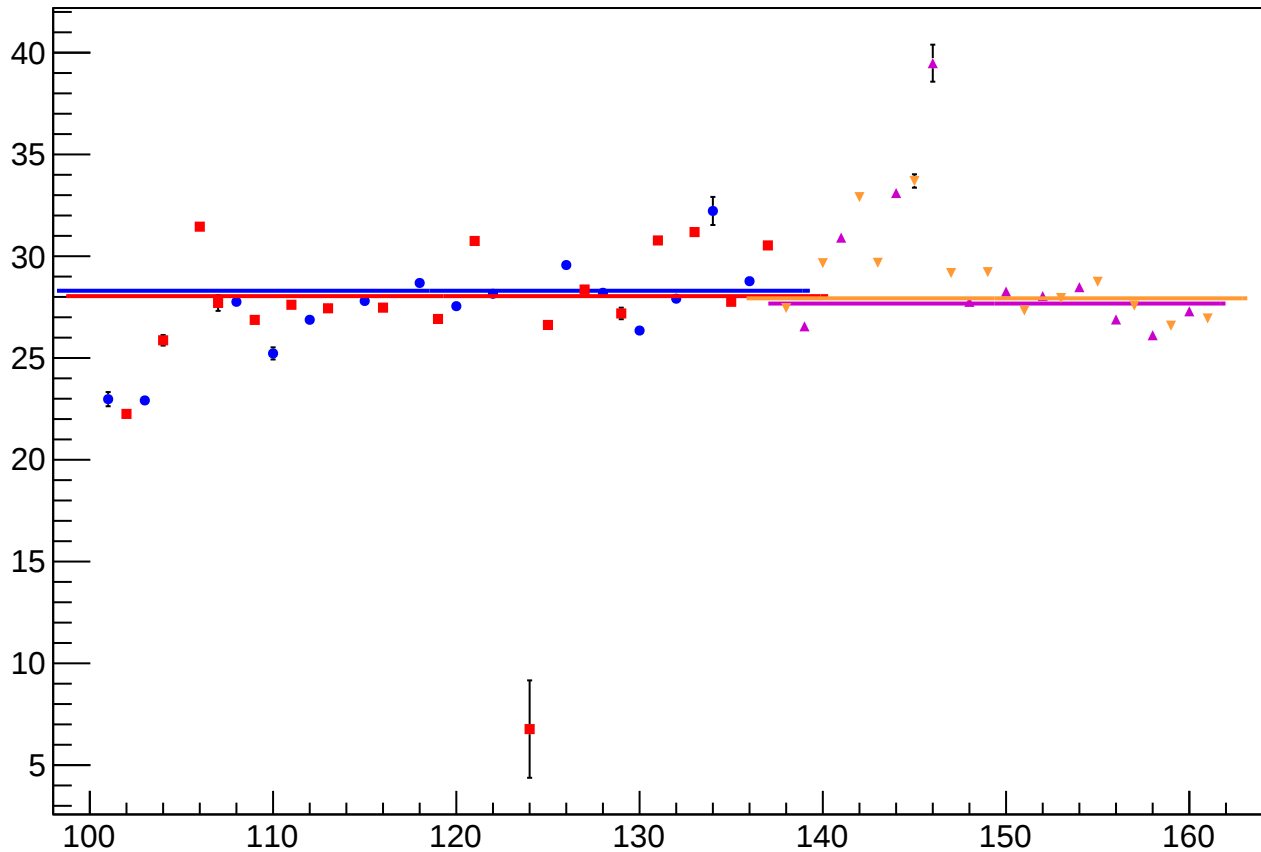
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.845 $\pm$ 0.002 χ^2 /NDF:118823.9/25

Out: -11.620 $\pm$ 0.002 χ^2 /NDF:376824.2/30

All: -11.738 $\pm$ 0.002 χ^2 /NDF: 500363.5/56

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.932 ± 0.022 $\chi^2/\text{NDF}: 3526.4/12$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.675 ± 0.017 $\chi^2/\text{NDF}: 4532.4/10$

Left: 27.774 ± 0.014 $\chi^2/\text{NDF}: 8142.6/23$

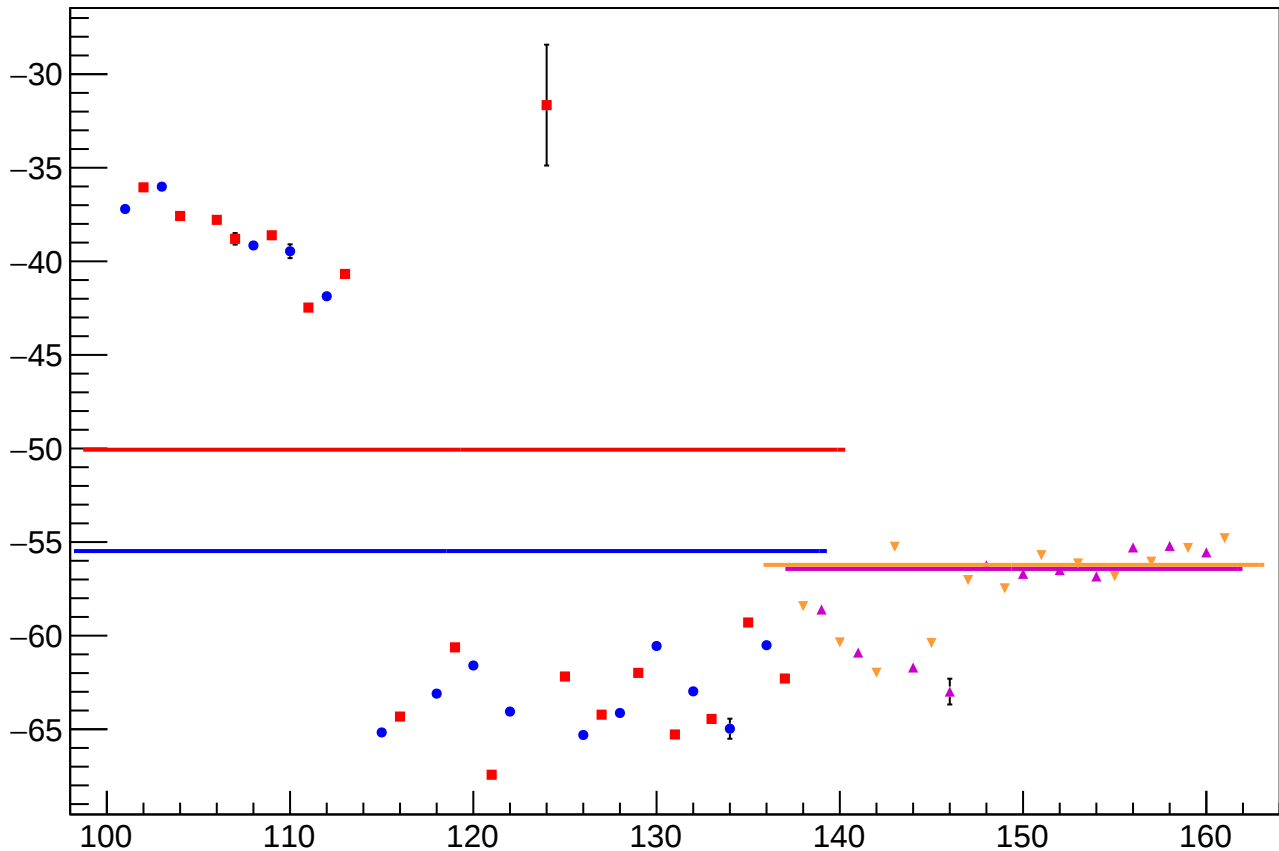
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.903 ± 0.014 $\chi^2/\text{NDF}: 8405.7/25$

Out: 27.969 ± 0.018 $\chi^2/\text{NDF}: 6096.2/30$

All: 27.928 ± 0.011 $\chi^2/\text{NDF}: 14510.4/56$

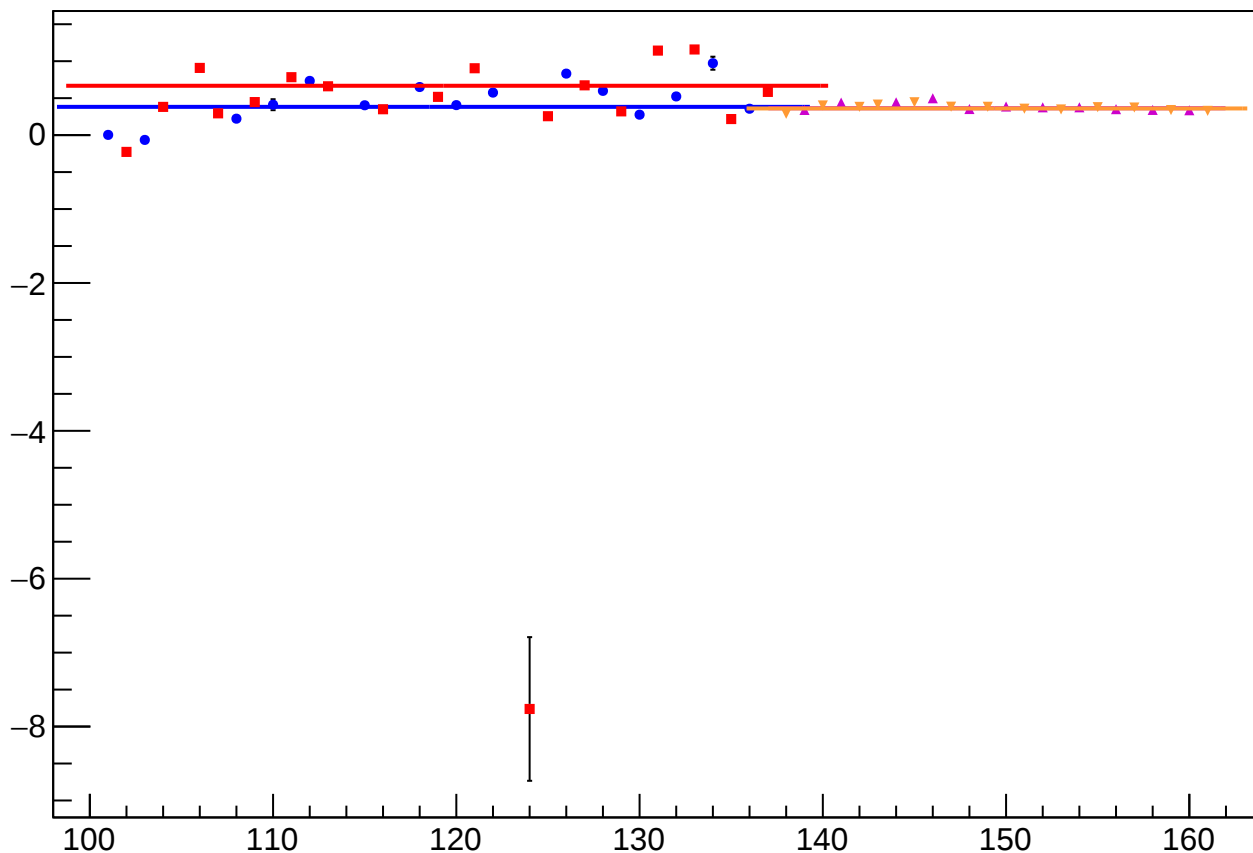
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.217 ± 0.019 $\chi^2/\text{NDF}: 6256.2/12$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.436 ± 0.015 $\chi^2/\text{NDF}: 7911.0/10$

Left: -56.352 ± 0.012 $\chi^2/\text{NDF}: 14252.7/23$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.016 ± 0.011 $\chi^2/\text{NDF}: 604920.3/25$
 Out: -53.792 ± 0.015 $\chi^2/\text{NDF}: 389221.1/30$
 All: -55.207 ± 0.009 $\chi^2/\text{NDF}: 1009073.2/56$

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 $\chi^2/\text{NDF}: 3847.4/12$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.363 ± 0.000 $\chi^2/\text{NDF}: 4874.8/10$

Left: 0.362 ± 0.000 $\chi^2/\text{NDF}: 8746.1/23$

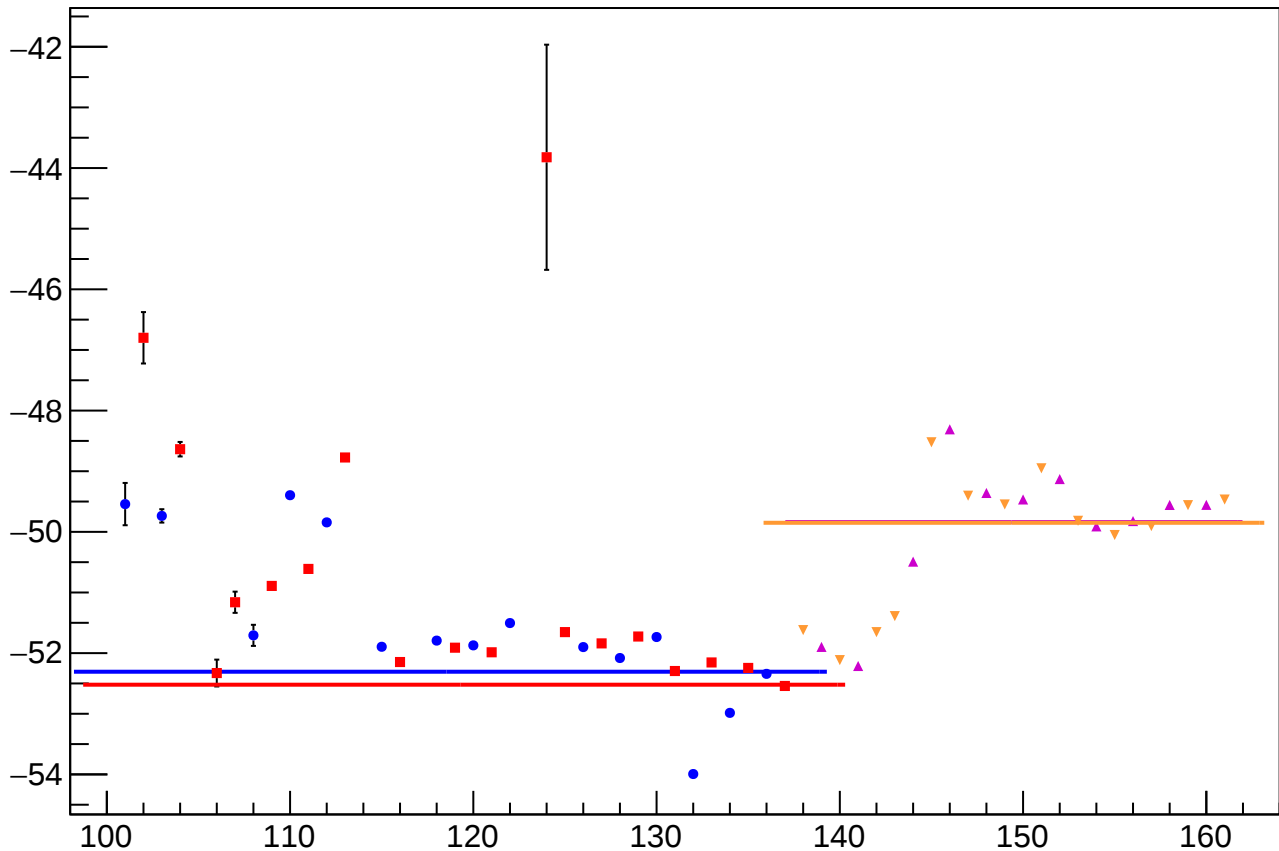
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.364 ± 0.000 $\chi^2/\text{NDF}: 9601.3/25$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 11954.5/30$

All: 0.364 ± 0.000 $\chi^2/\text{NDF}: 21559.9/56$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -49.850+/-0.002 χ^2/NDF : 165611.6/12

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -49.838+/-0.002 χ^2/NDF : 232394.5/10

Left: -49.844+/-0.001 χ^2/NDF : 398030.1/23

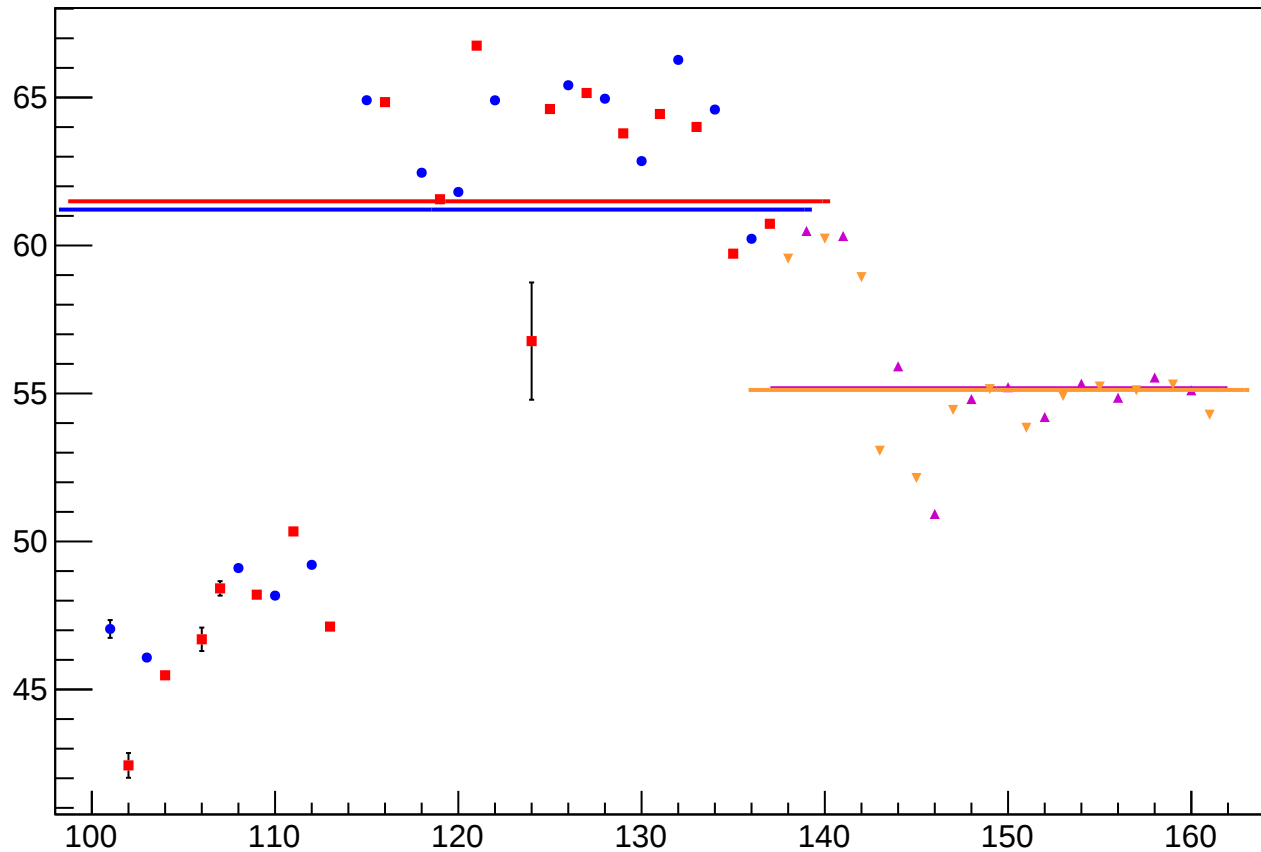
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -50.217+/-0.002 χ^2/NDF : 600370.4/25

Out: -51.778+/-0.001 χ^2/NDF : 1811110.0/30

All: -51.348+/-0.001 χ^2/NDF : 3175864.2/56

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.120 ± 0.004 χ^2/NDF : 199702.1/12

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.177 ± 0.003 χ^2/NDF : 60987.3/10

Left: 55.153 ± 0.002 χ^2/NDF : 260832.2/23

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.719 ± 0.003 χ^2/NDF : 554035.5/25

Out: 56.583 ± 0.003 χ^2/NDF : 1136769.9/30

All: 56.117 ± 0.002 χ^2/NDF : 1729602.7/56

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

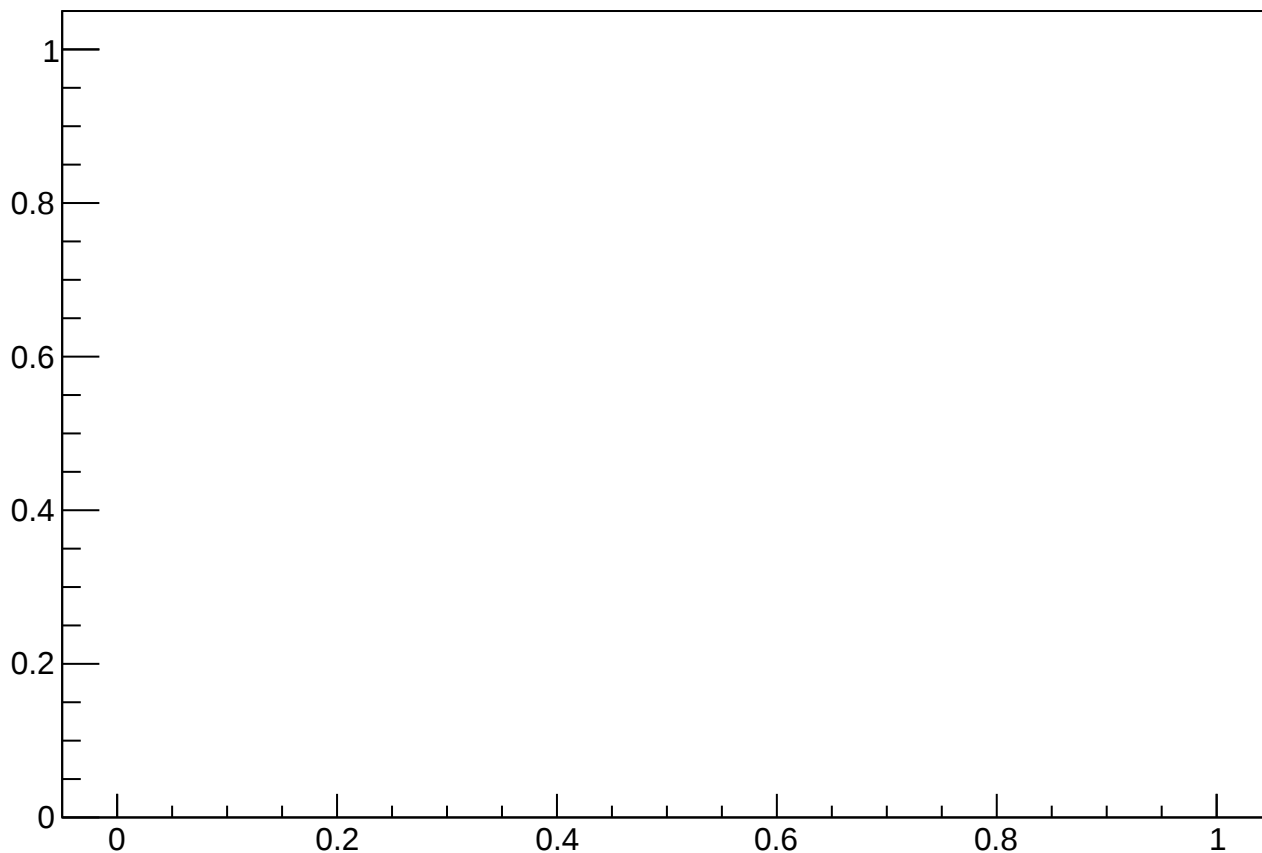
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

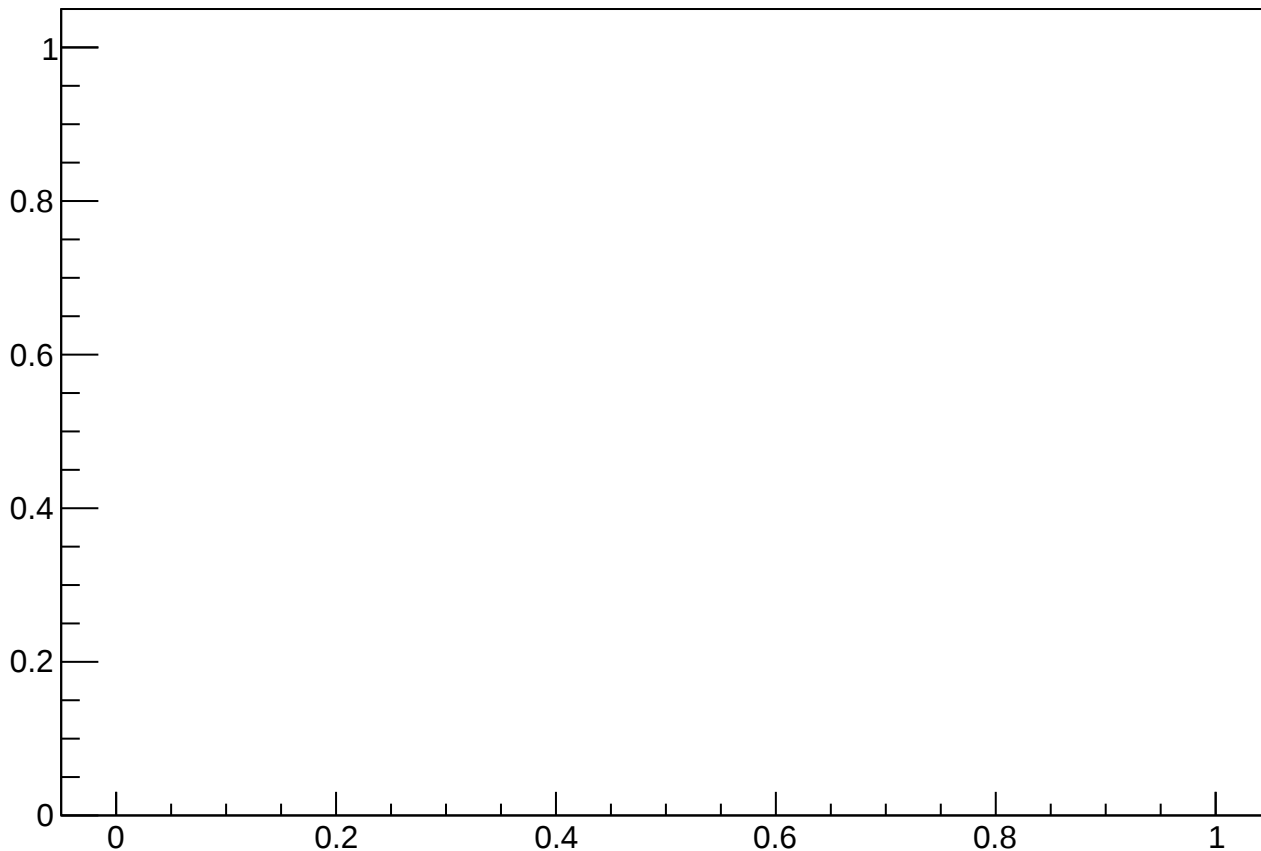
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

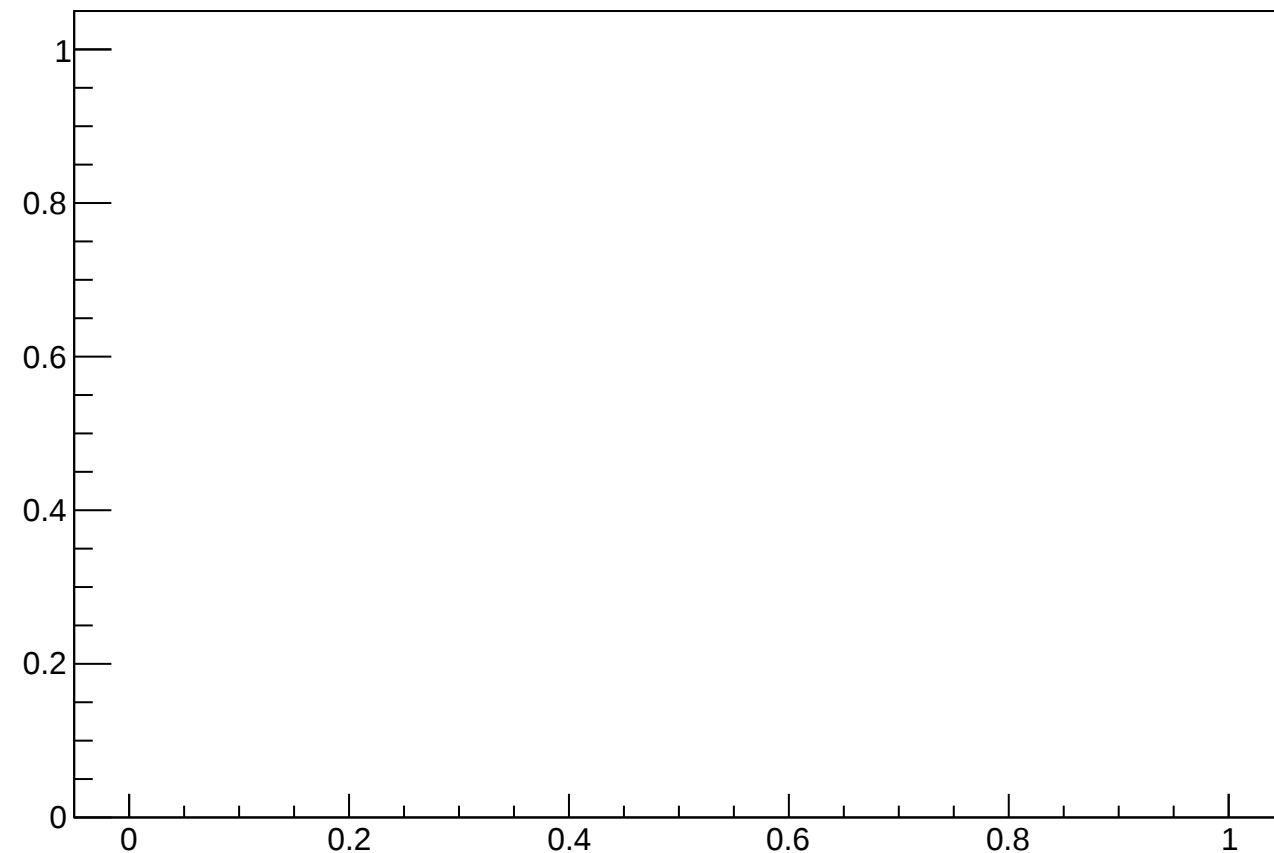
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

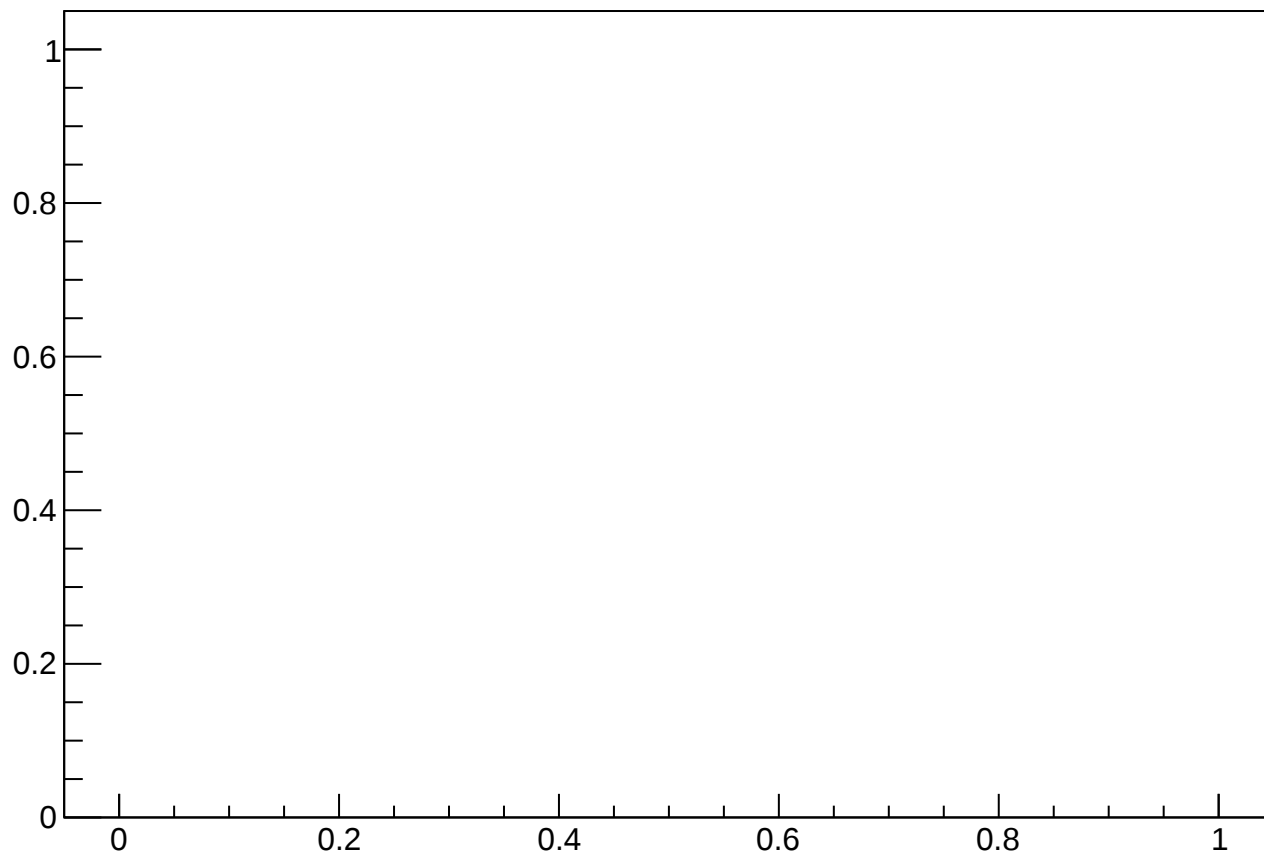
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

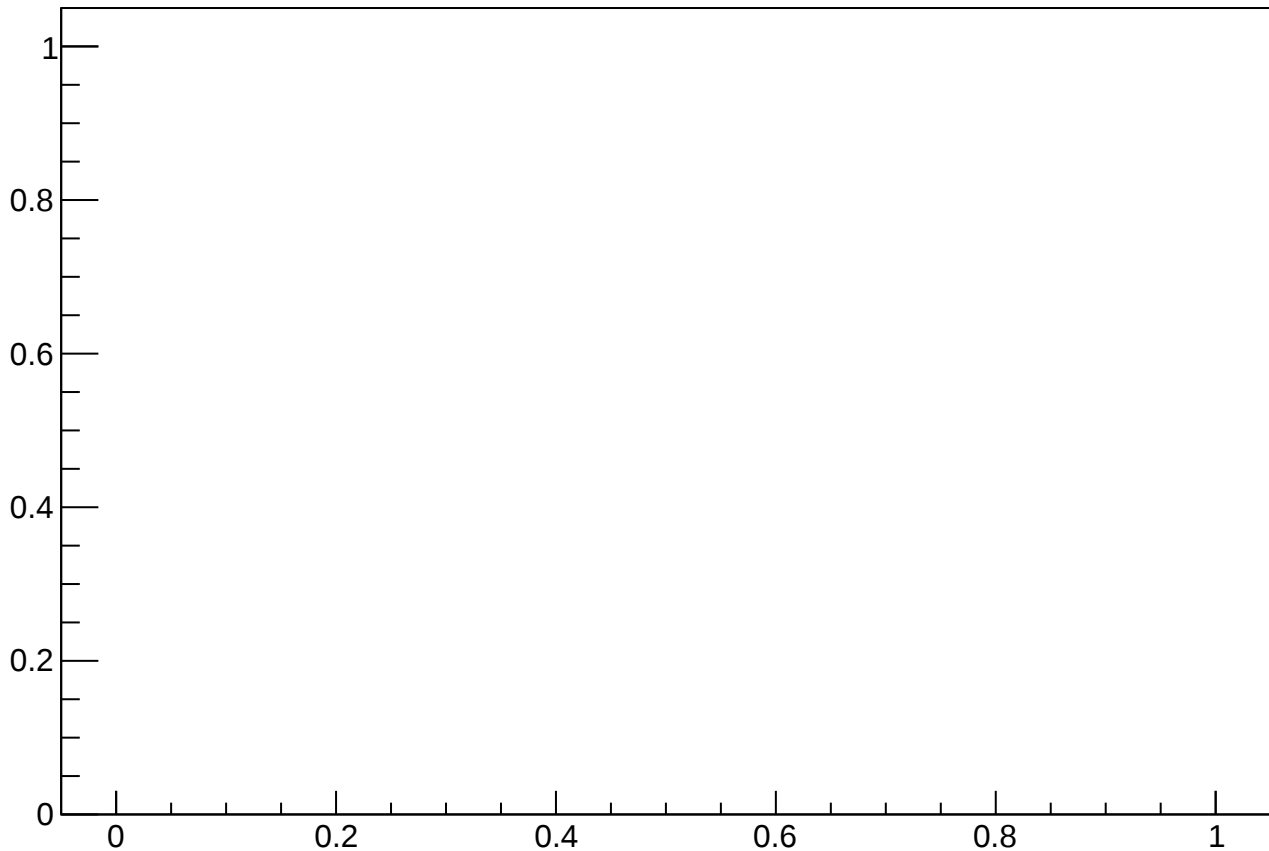
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

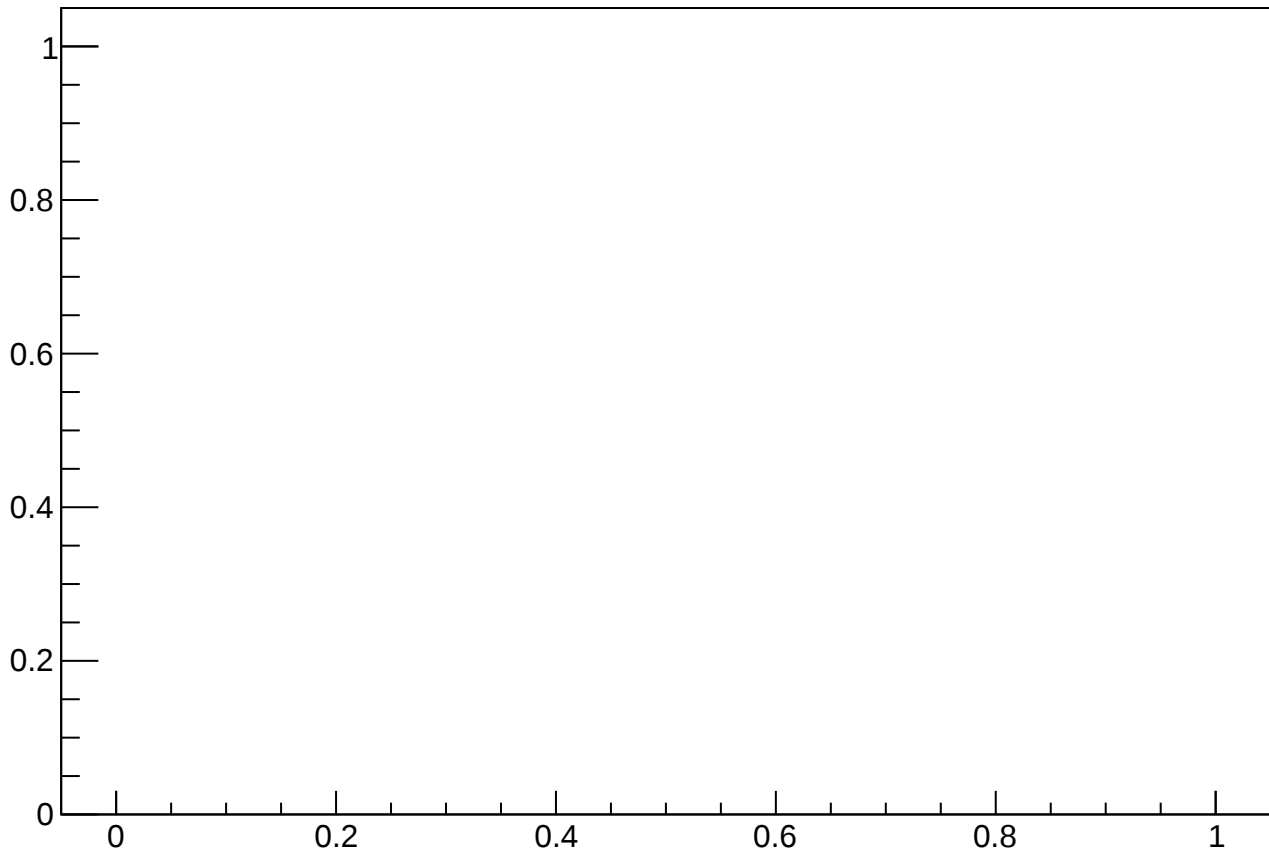
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

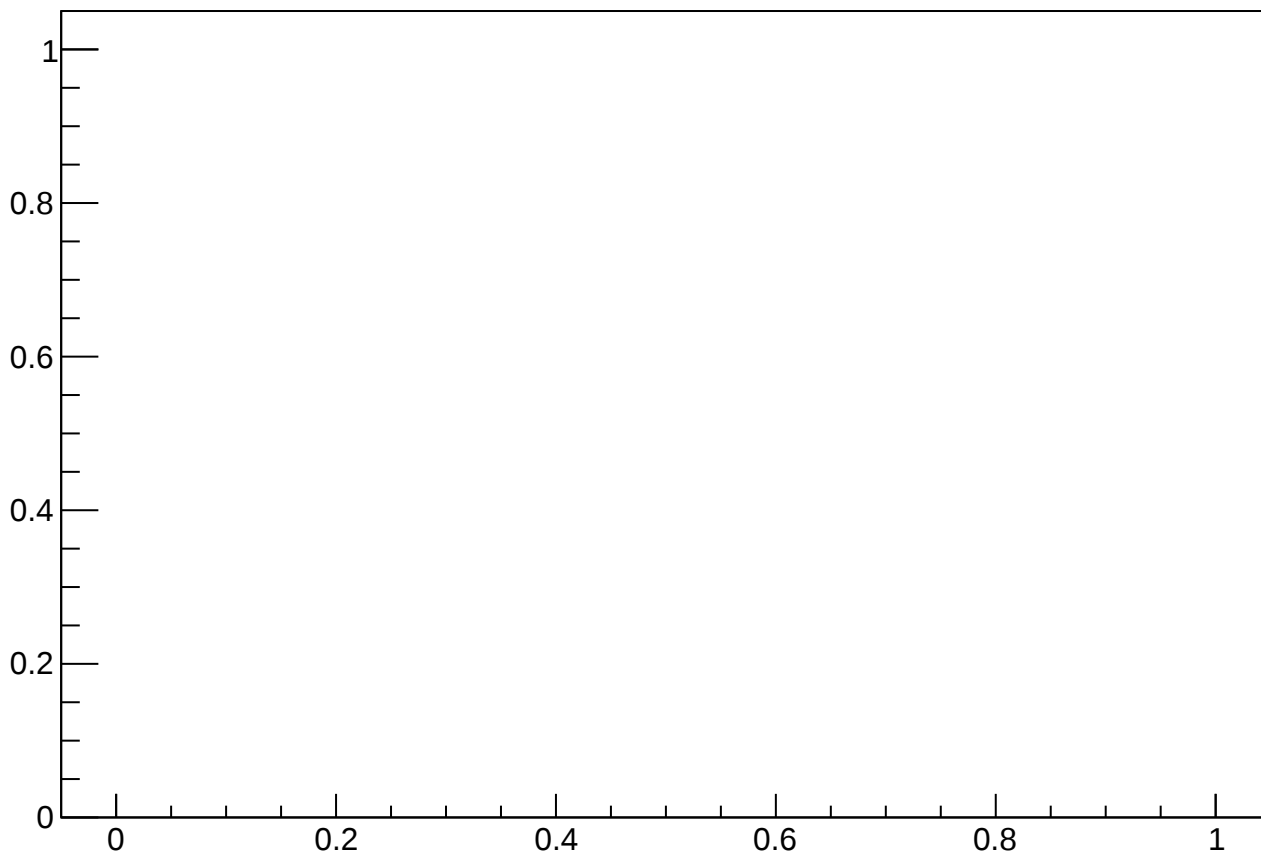
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

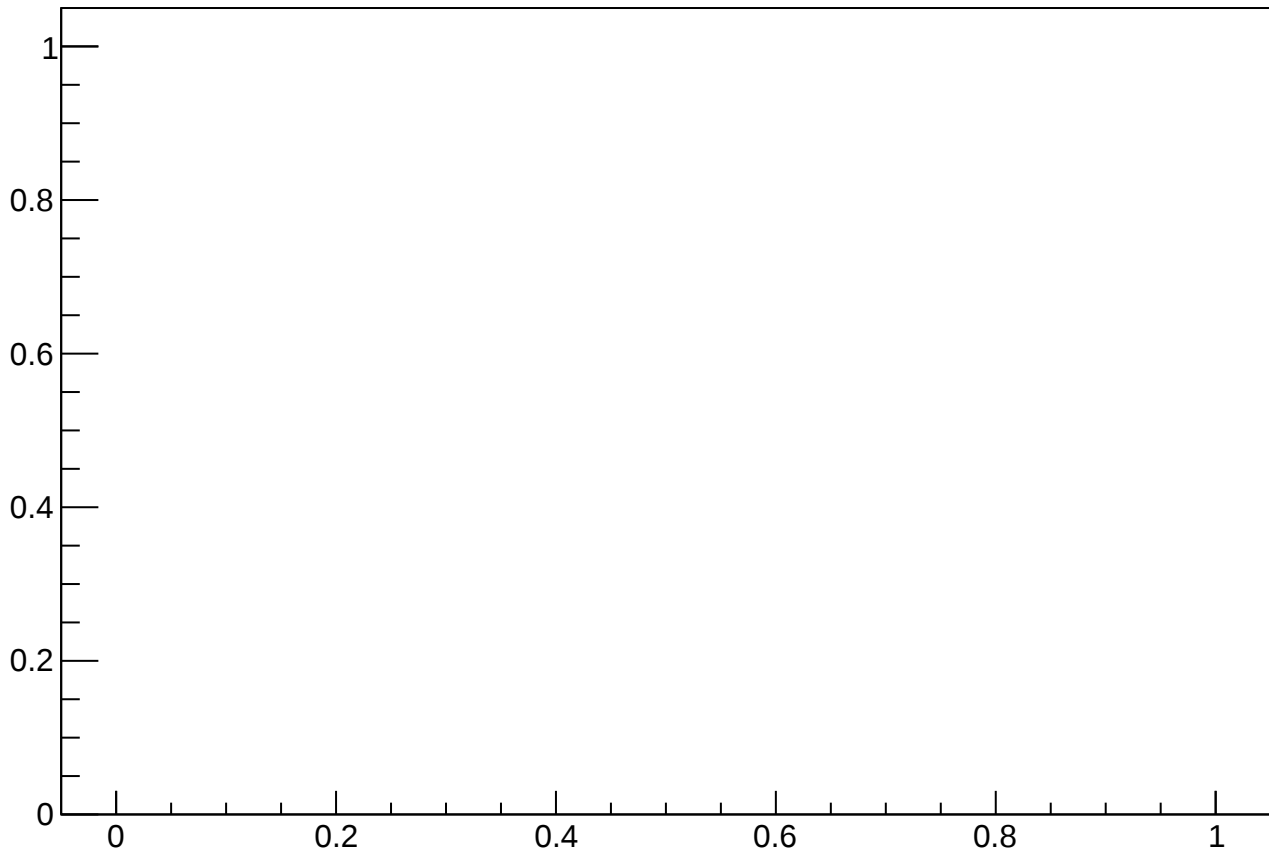
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

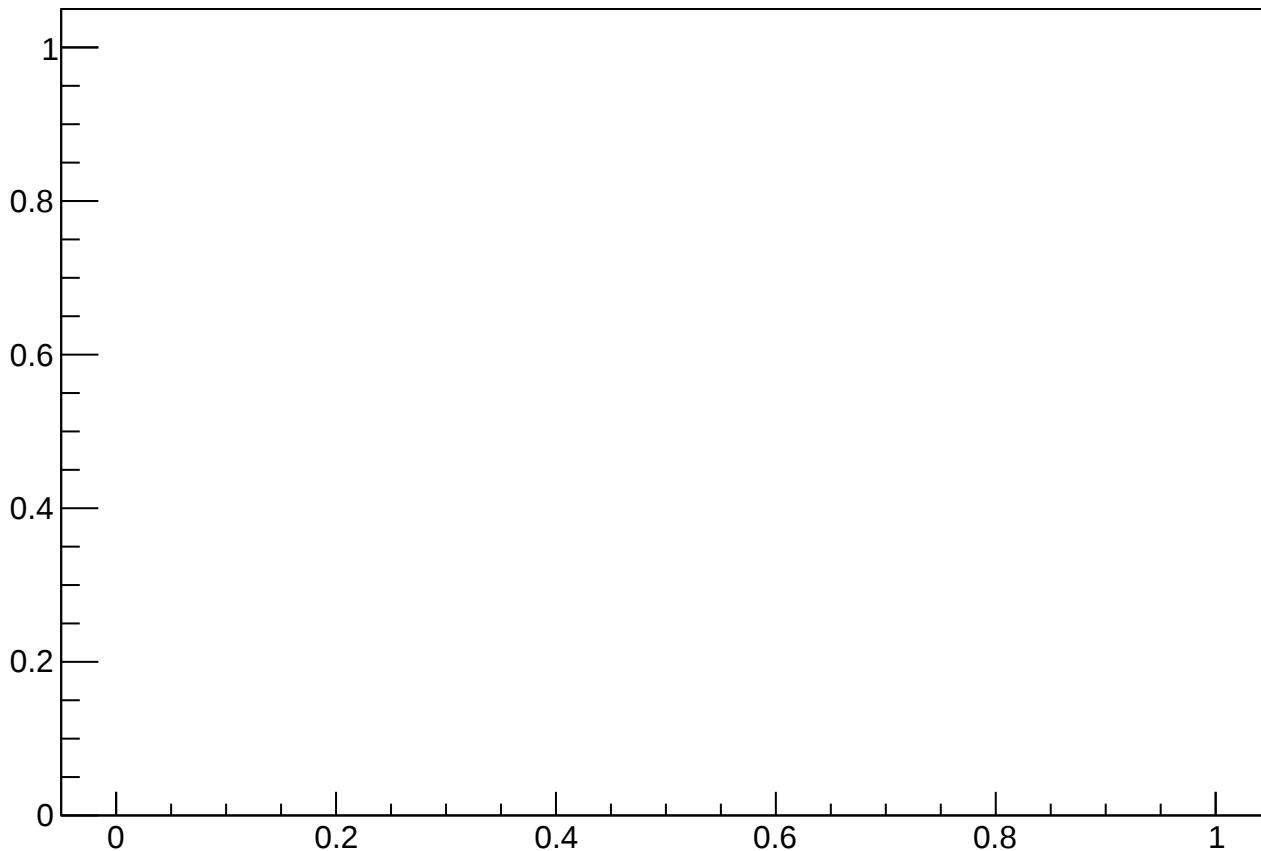
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

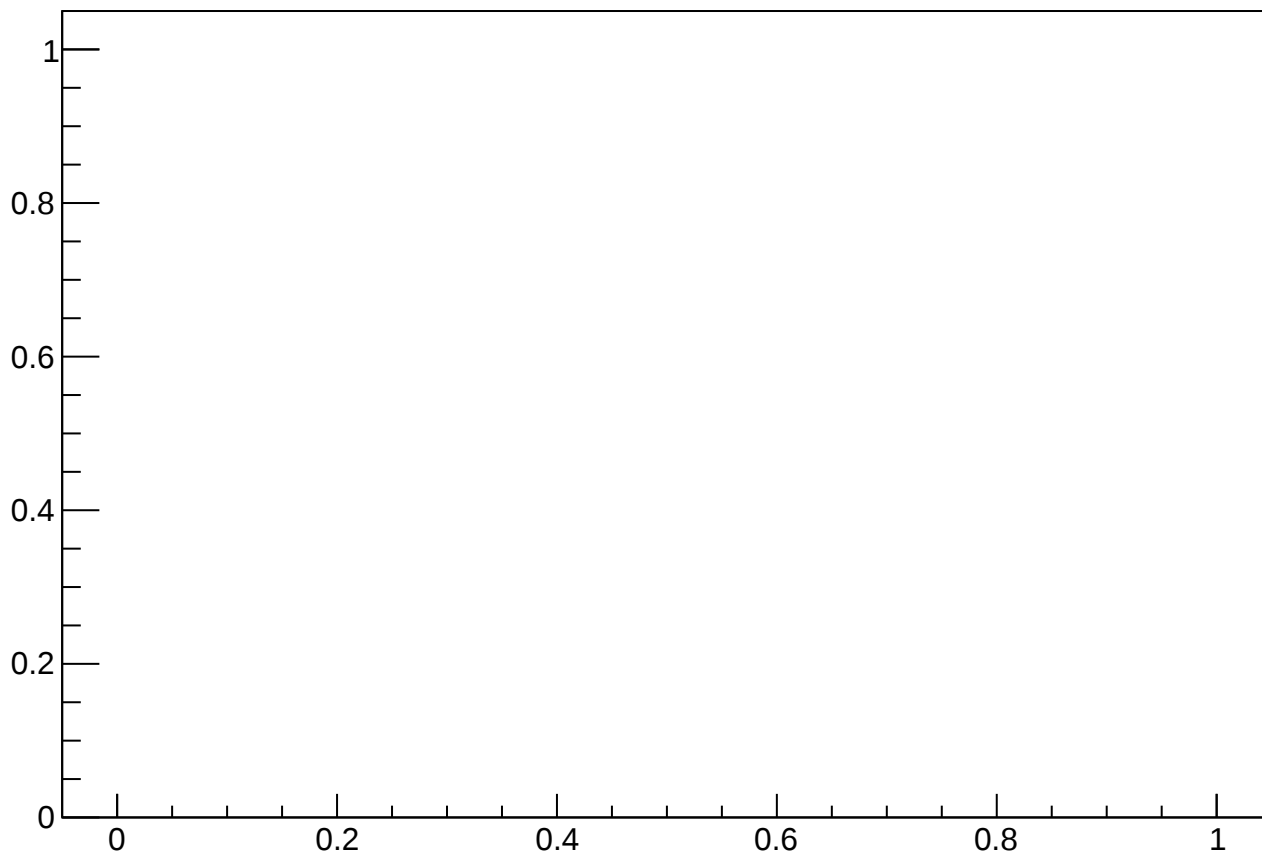
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

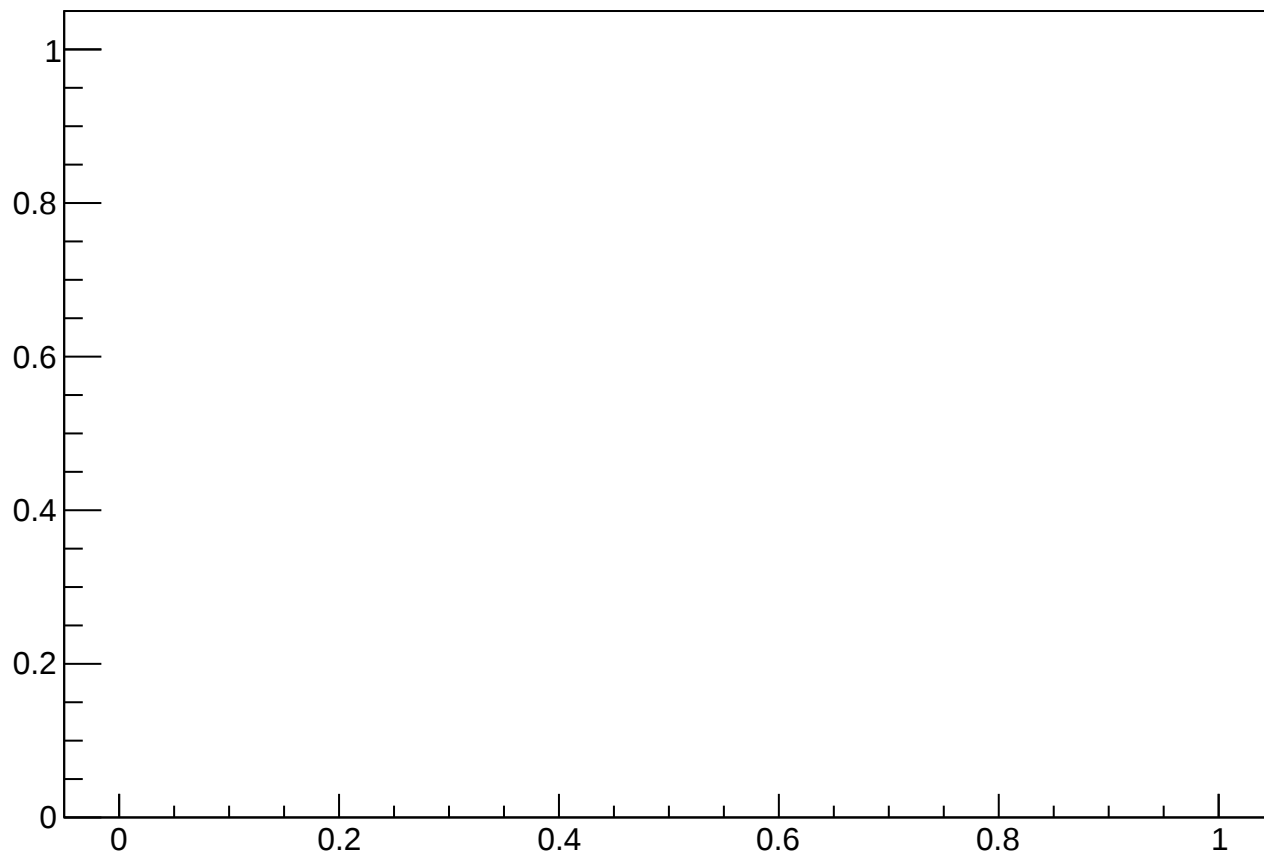
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

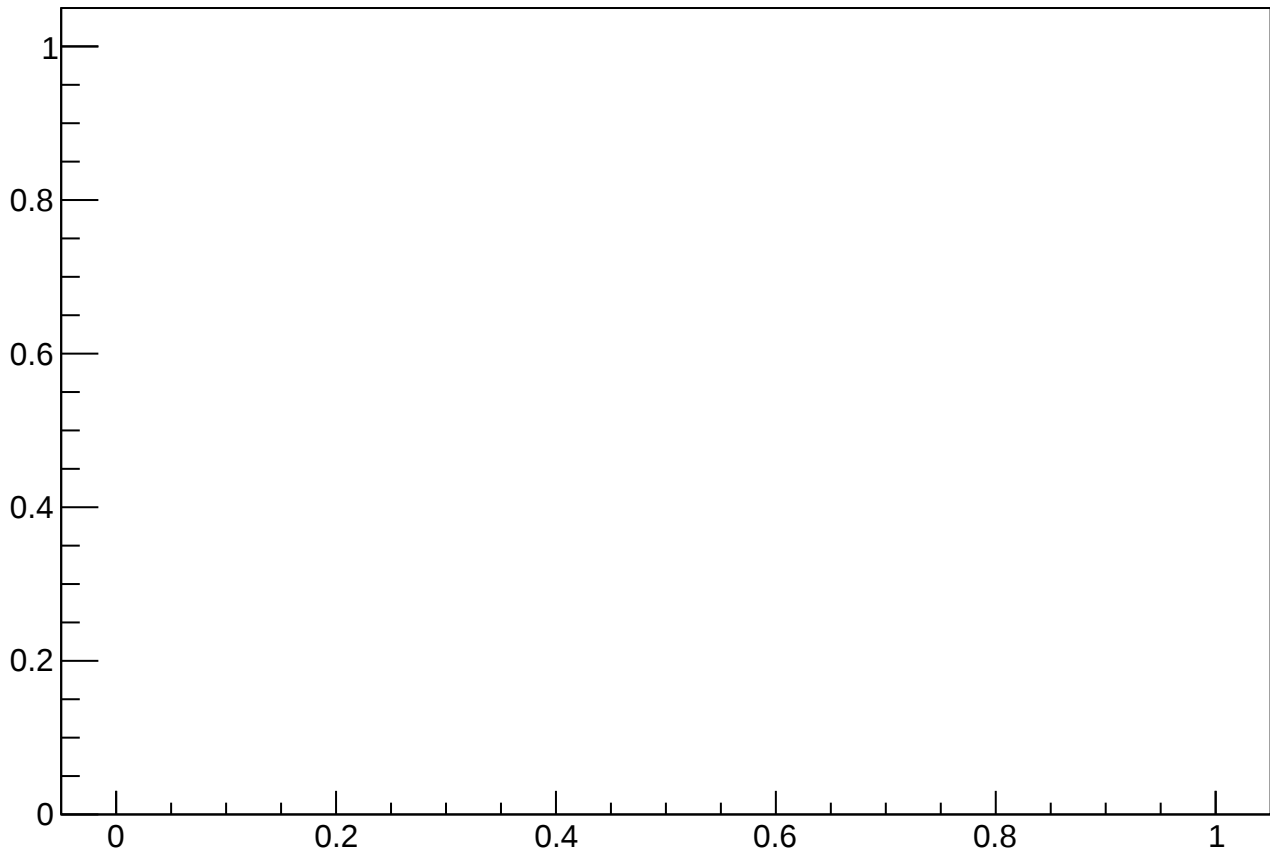
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

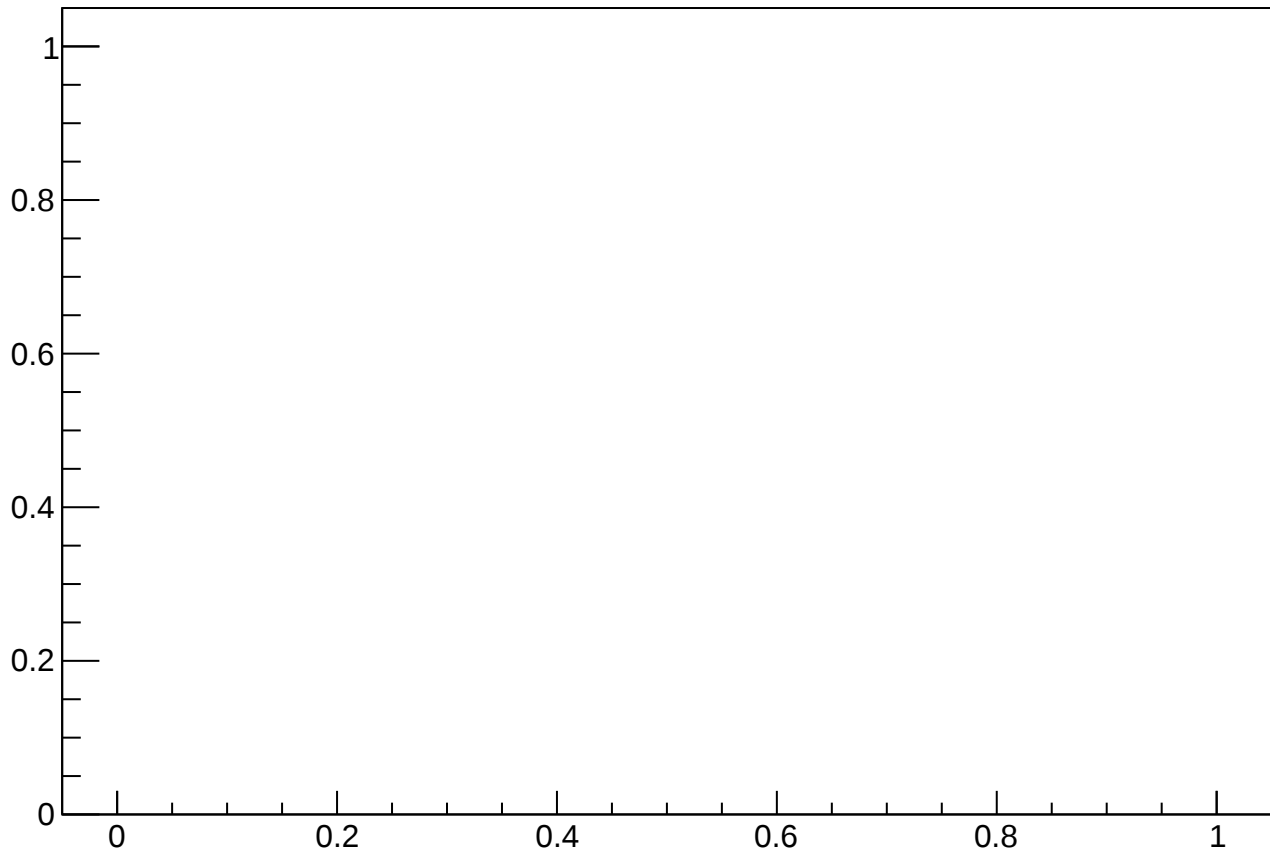
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

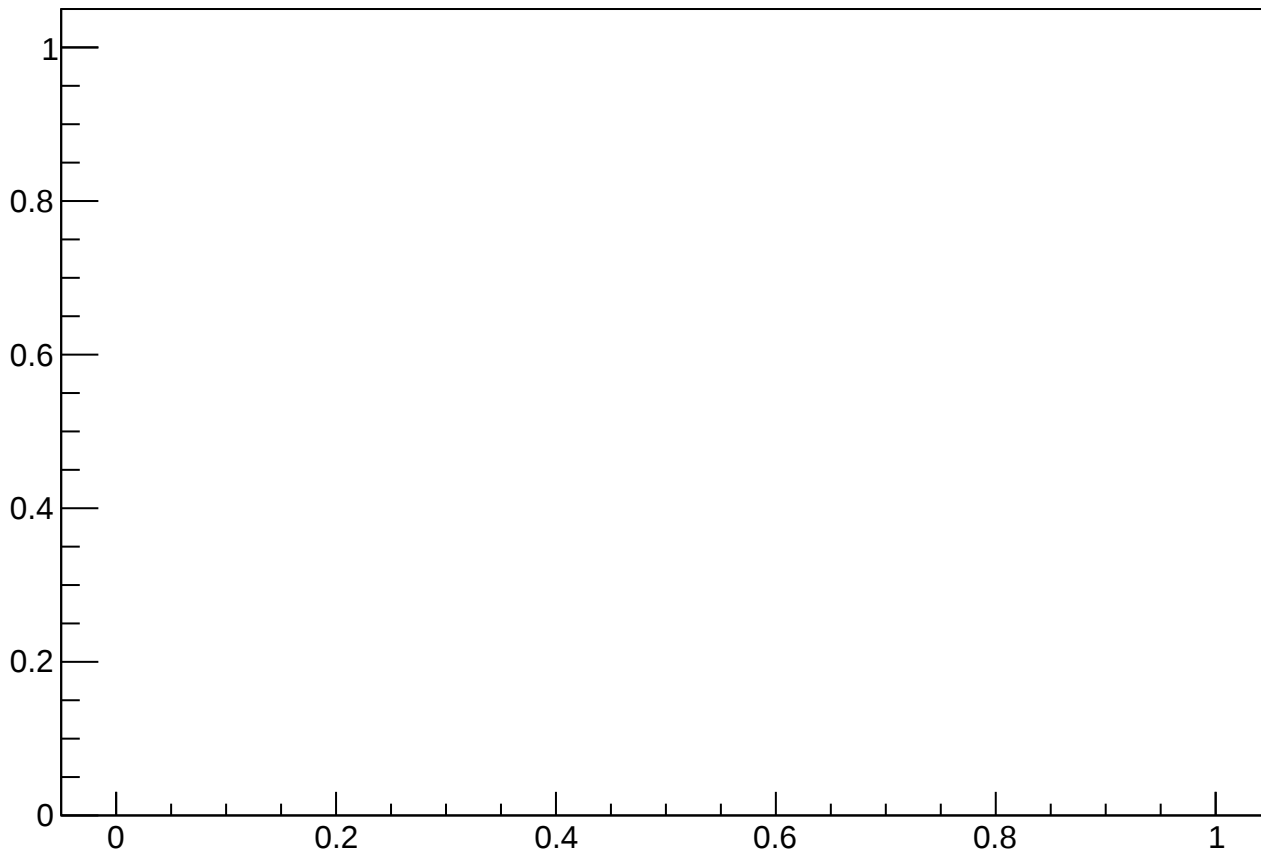
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

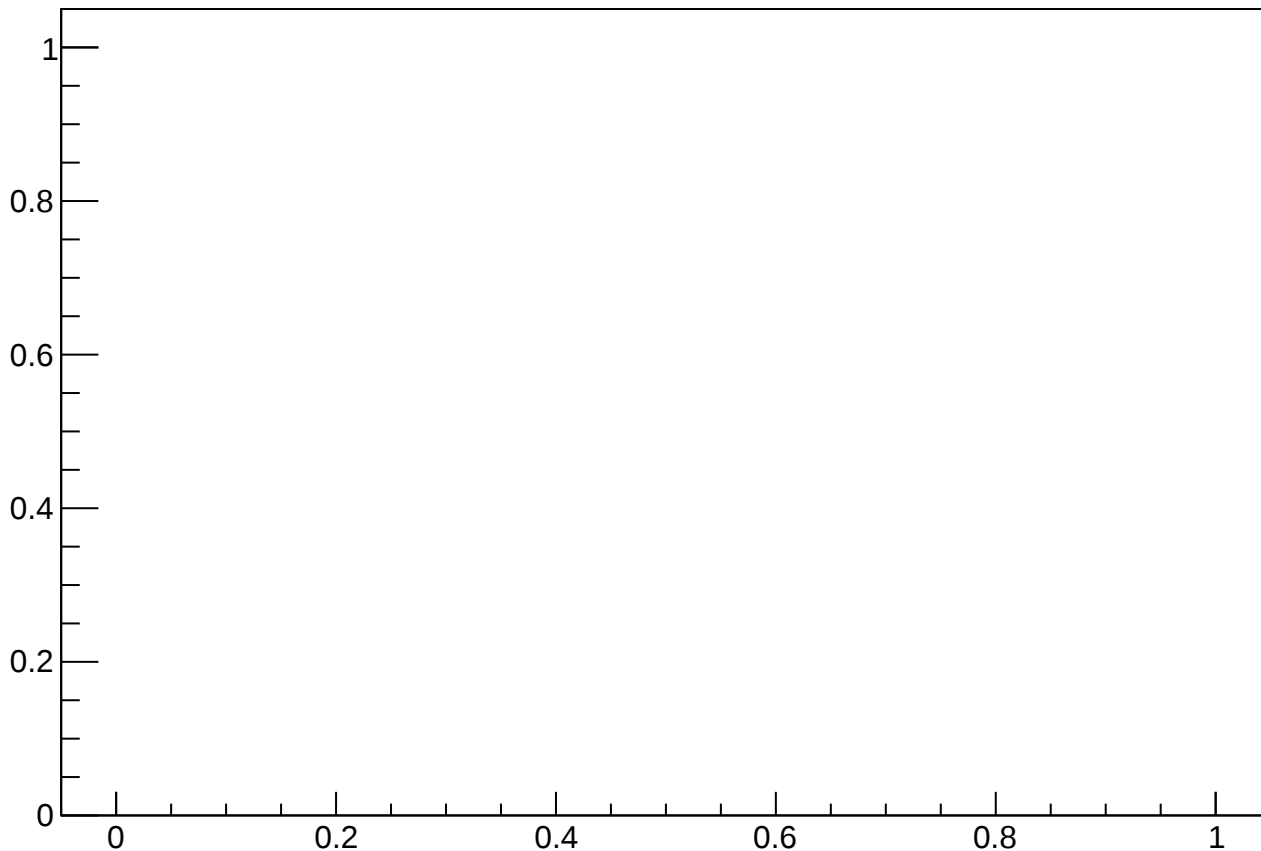
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

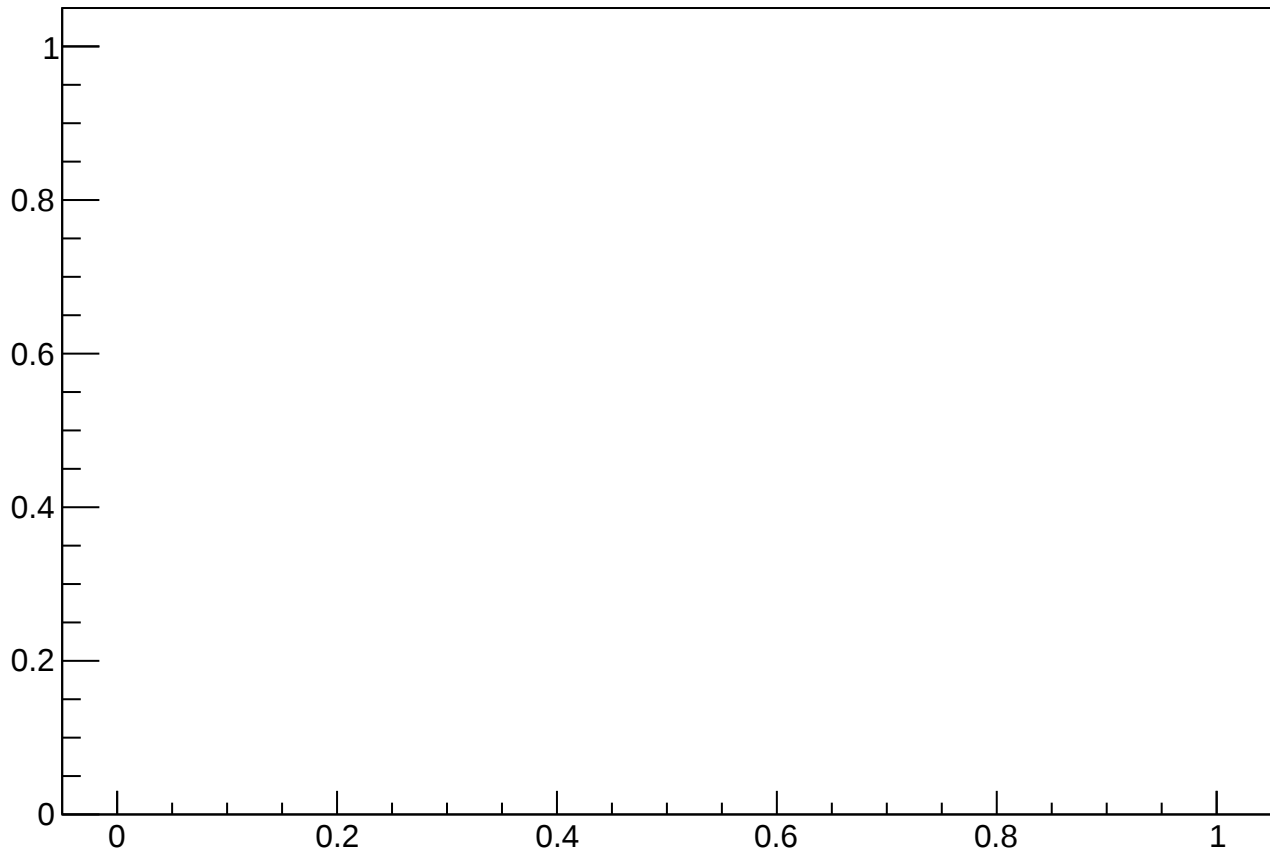
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

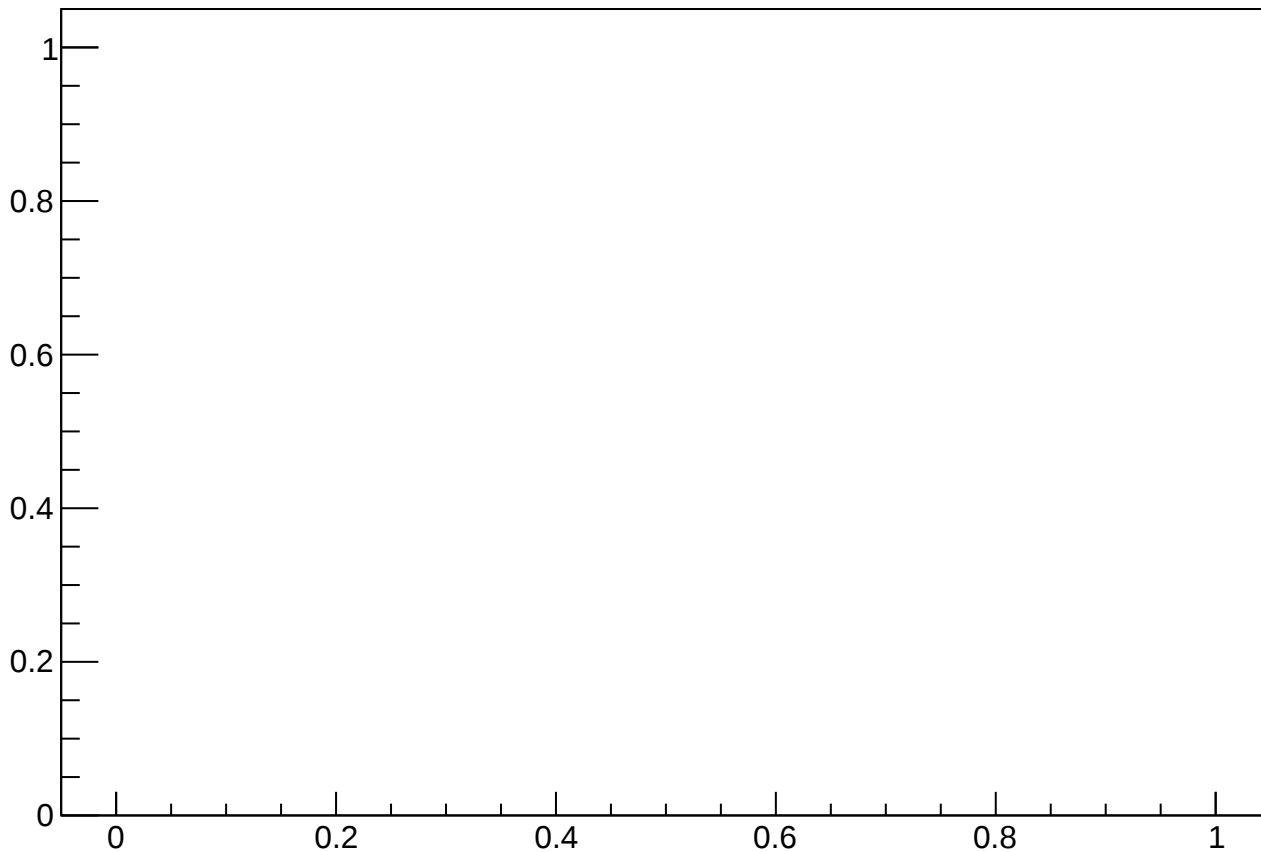
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

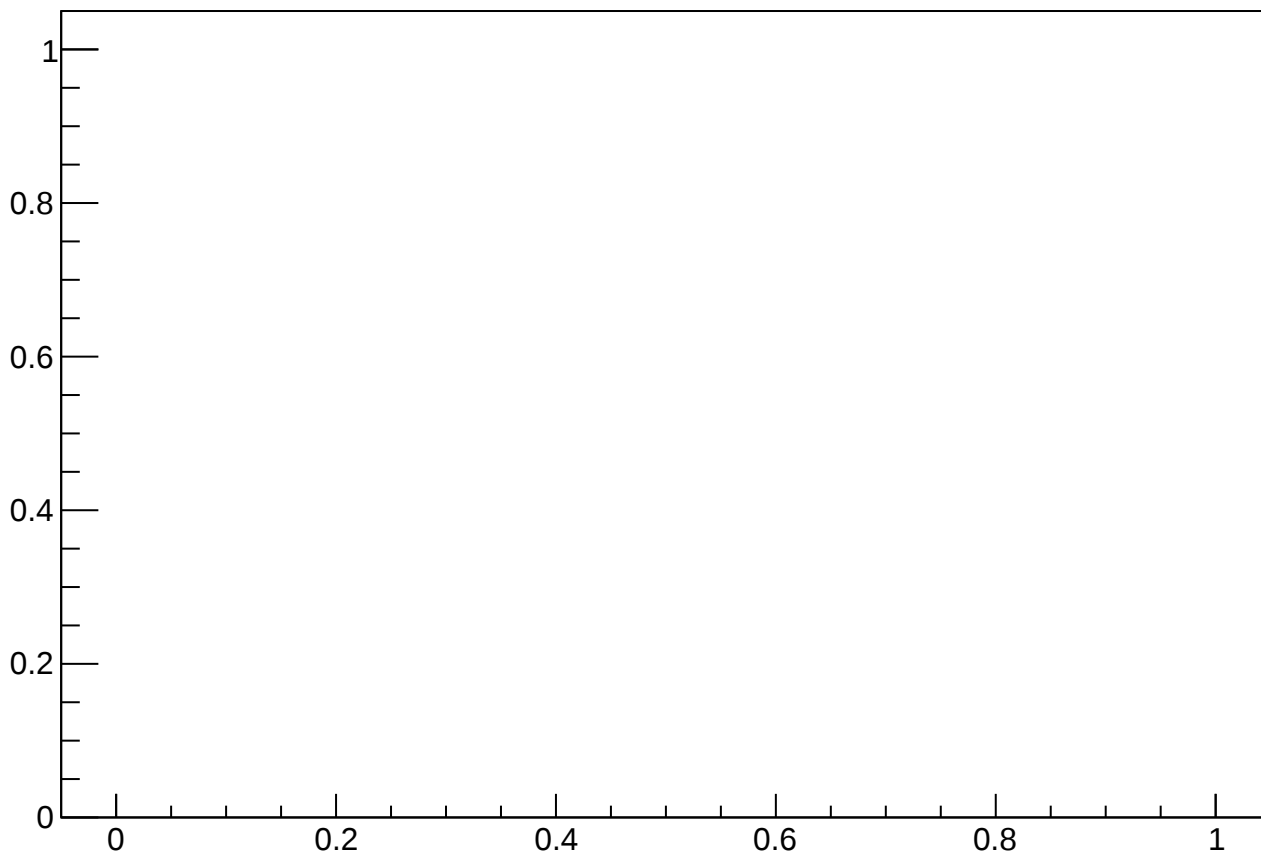
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

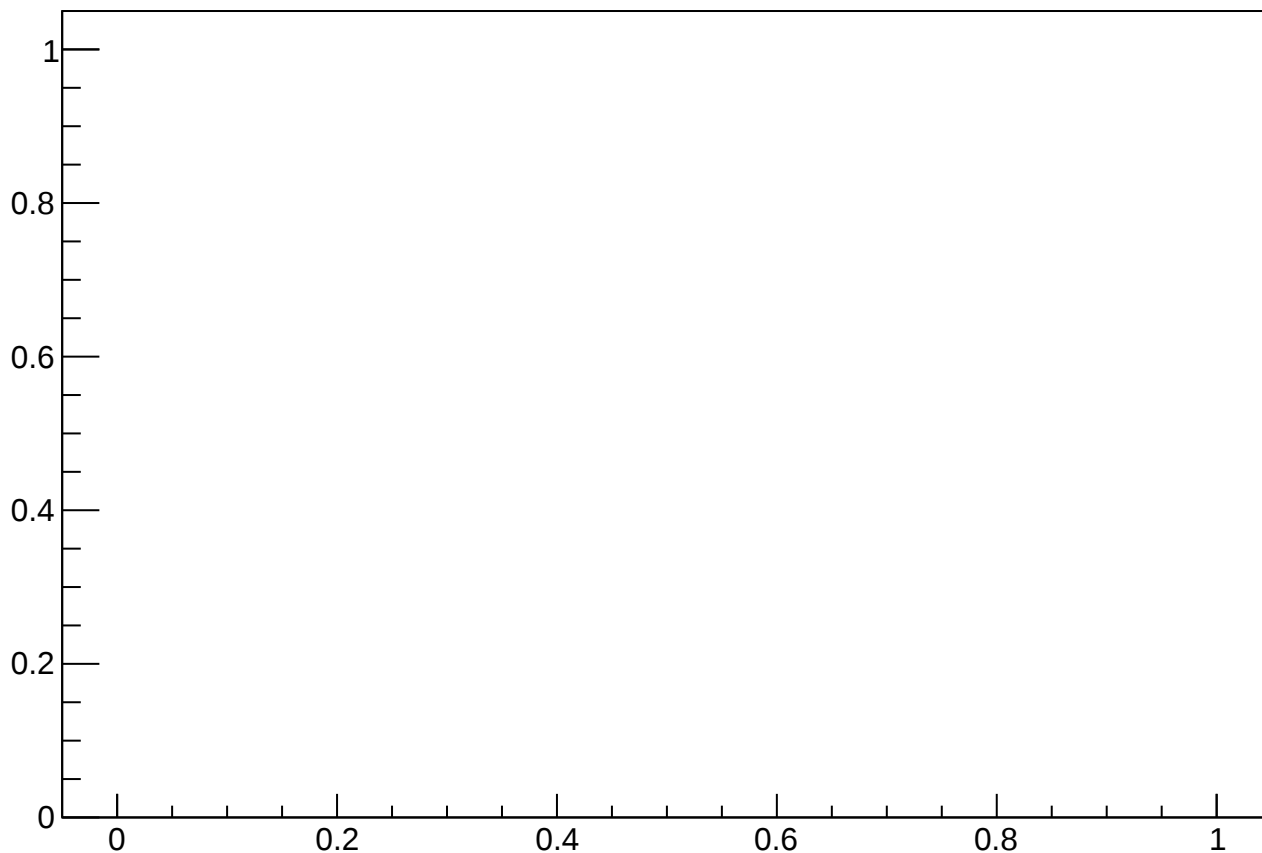
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

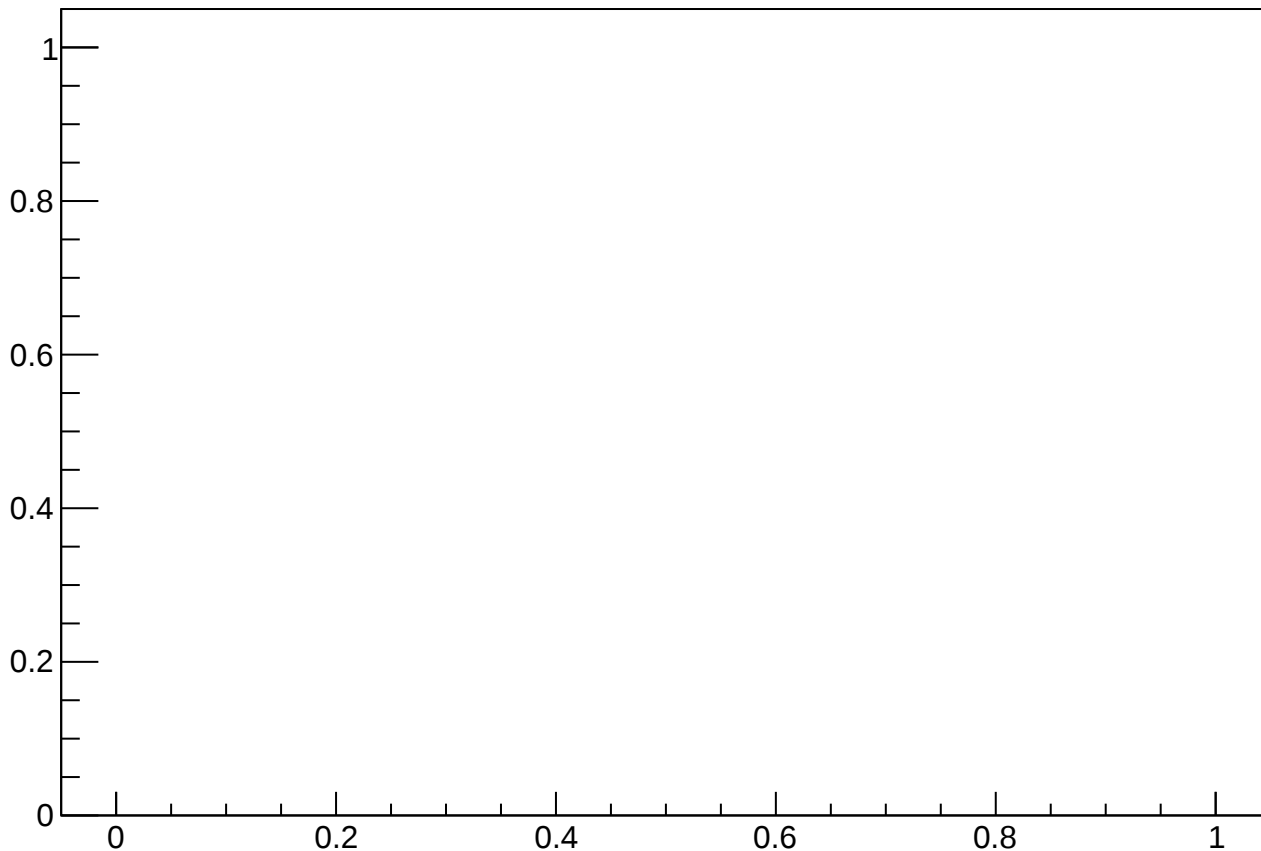
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

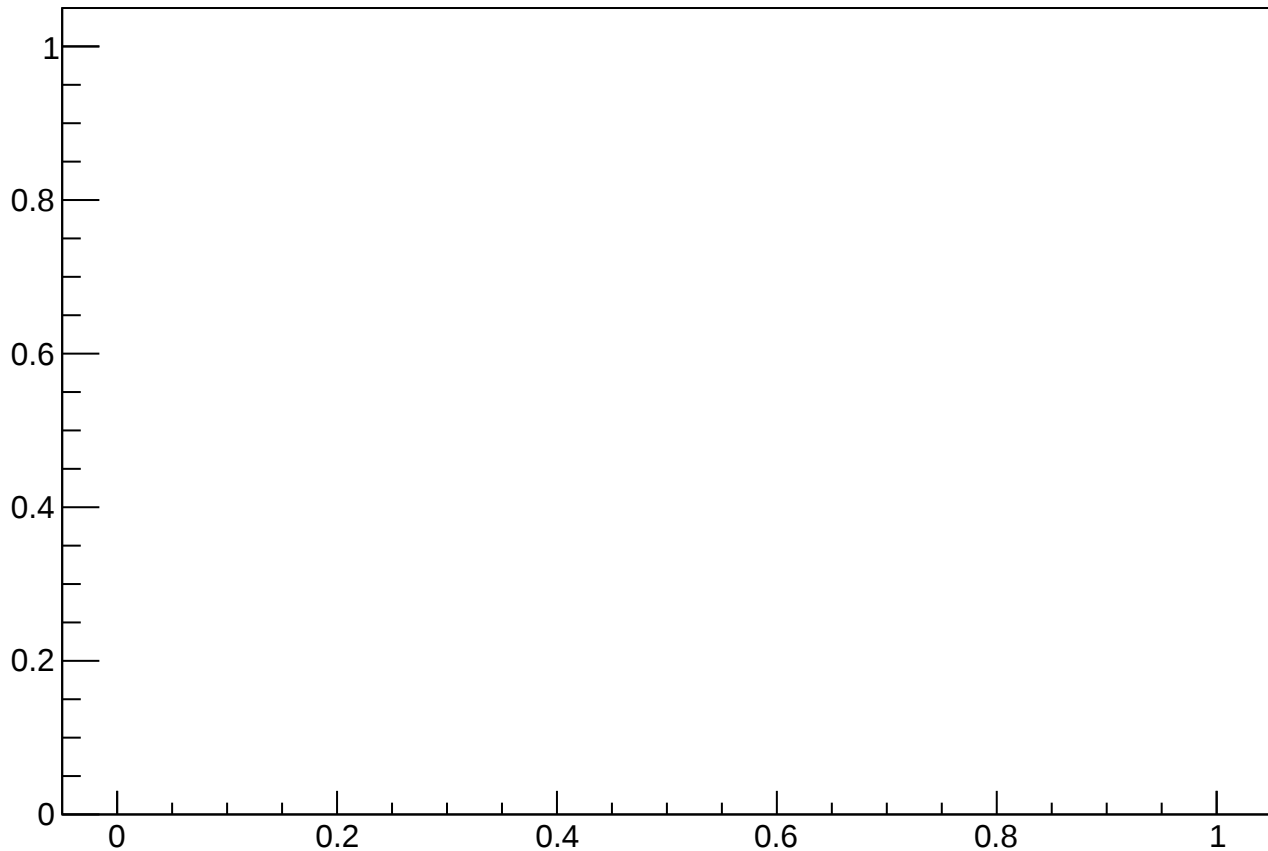
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

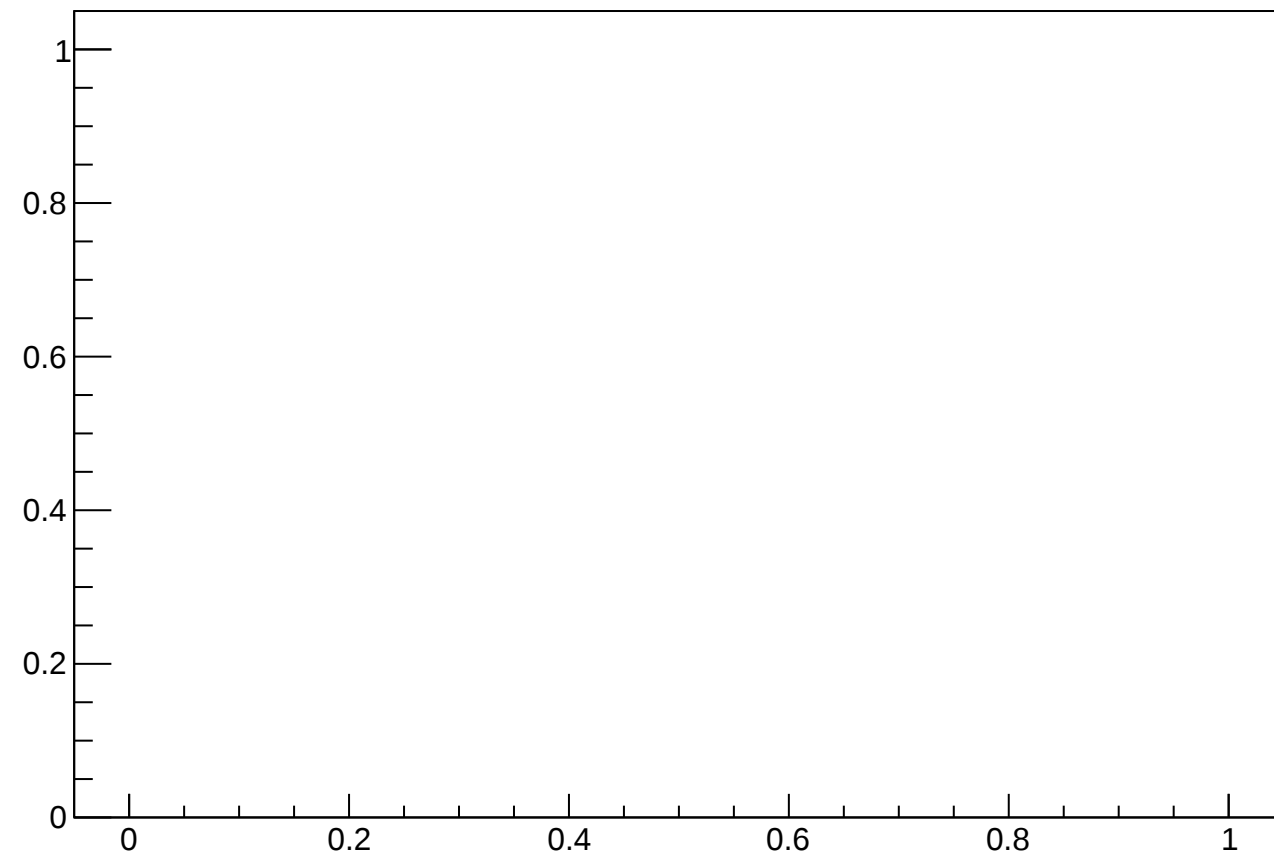
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

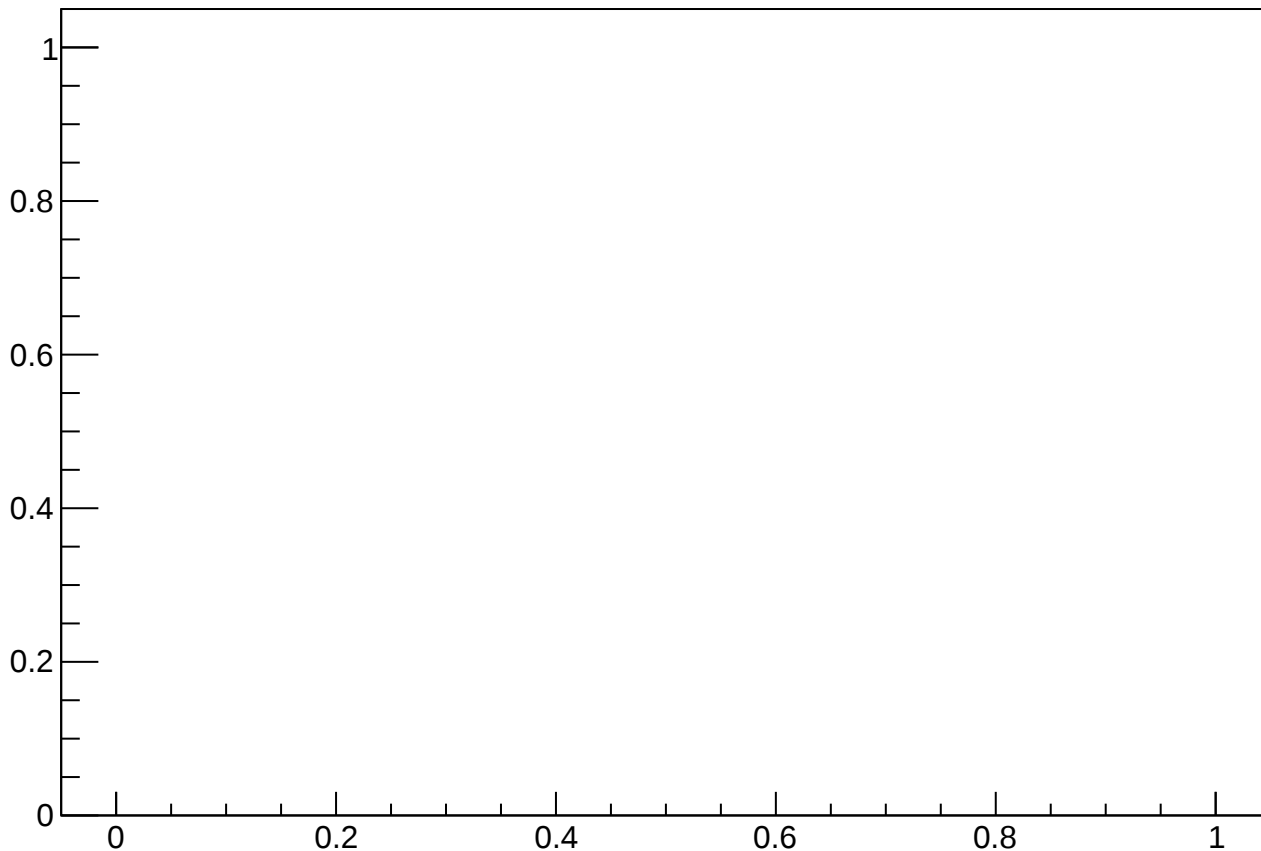
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

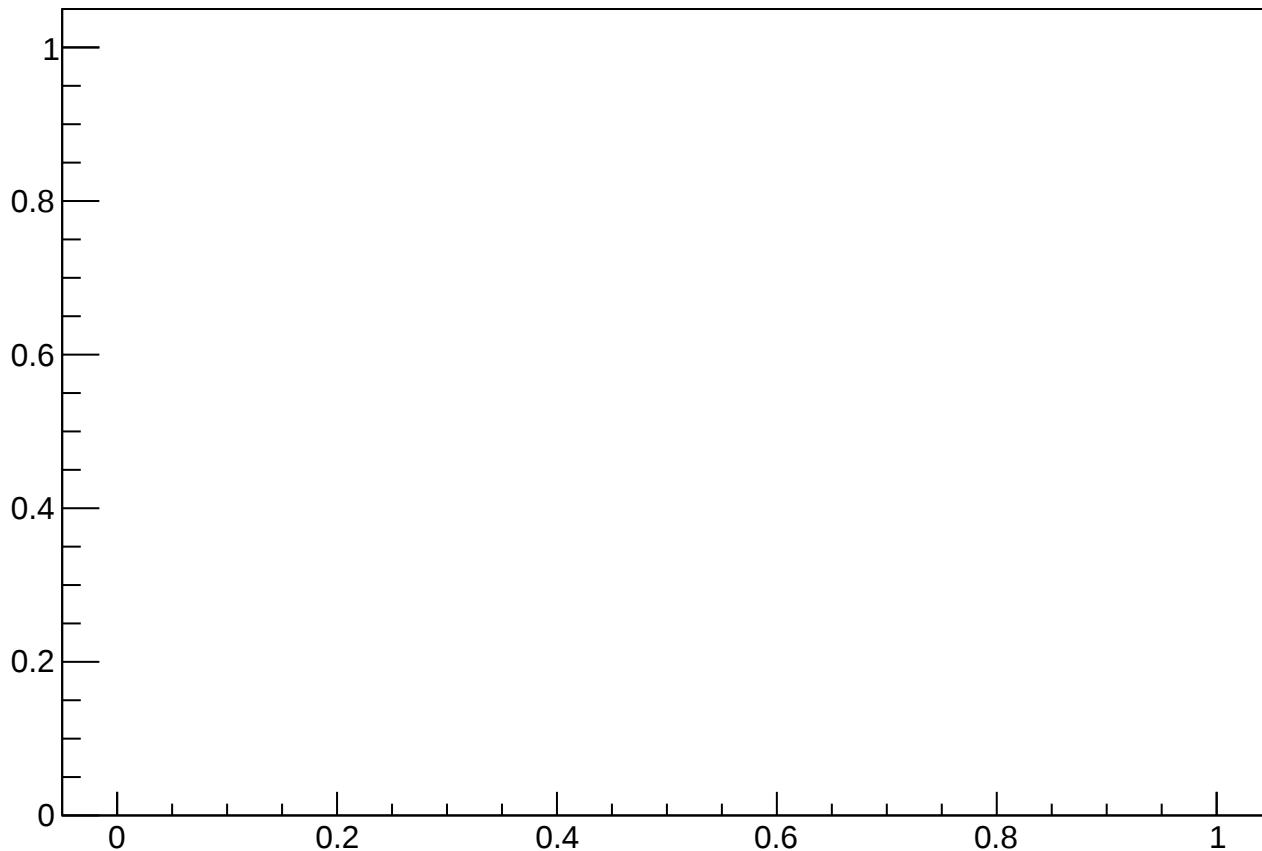
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

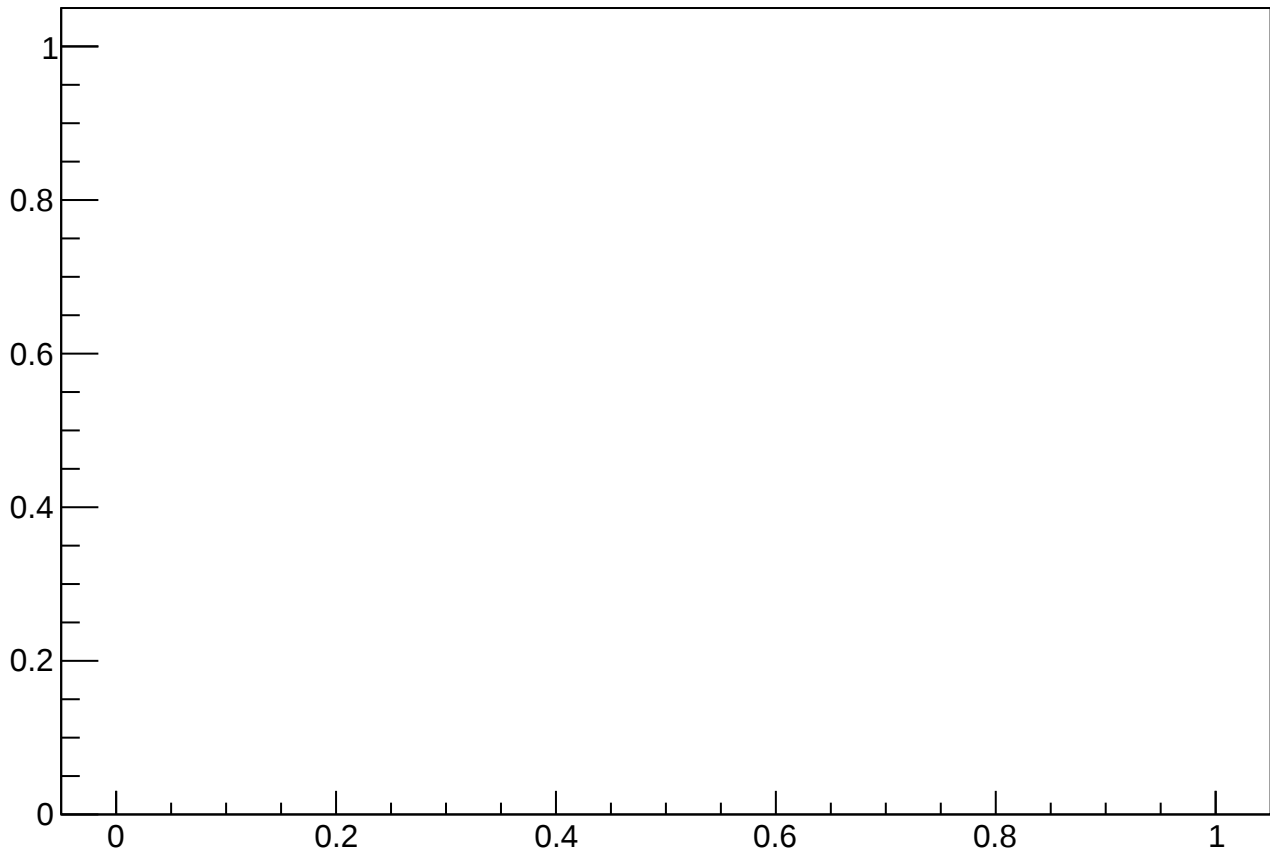
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

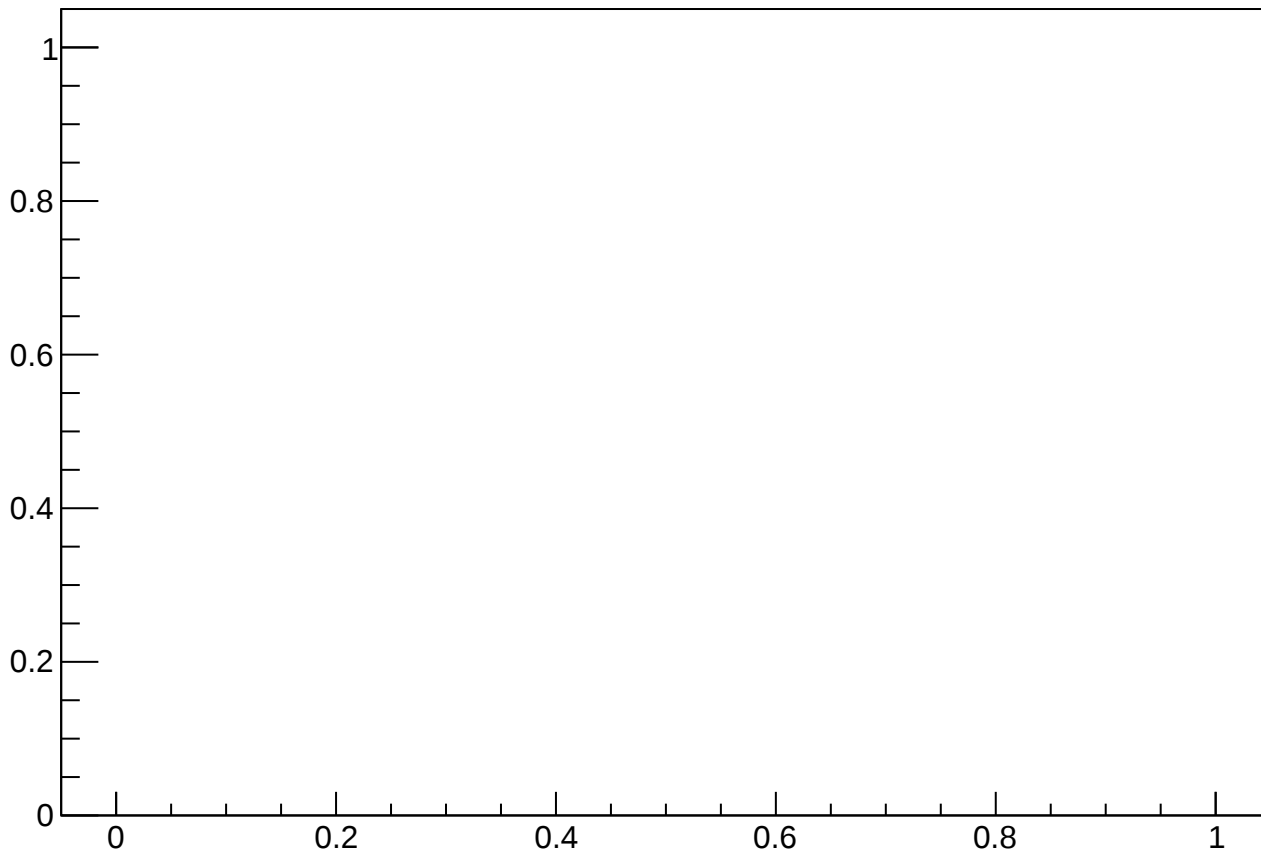
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

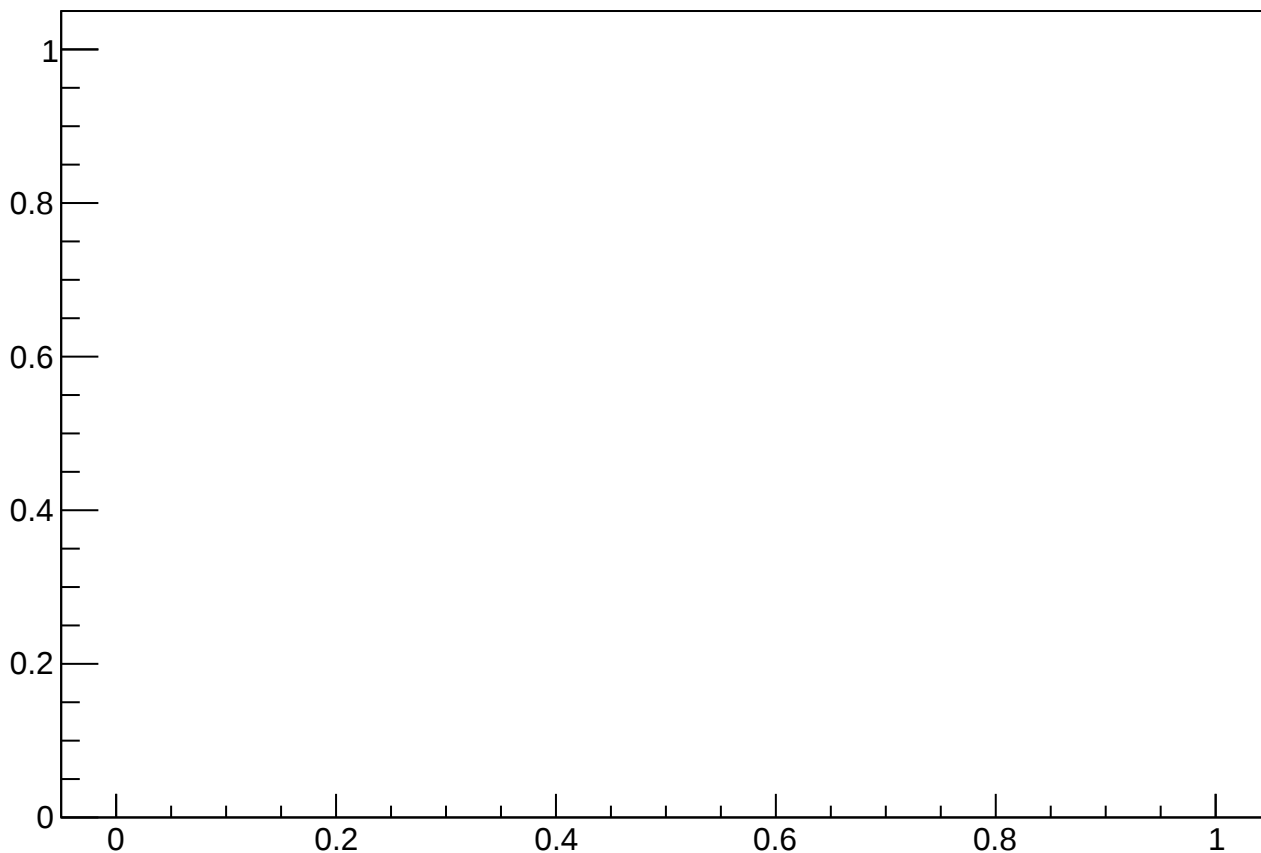
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

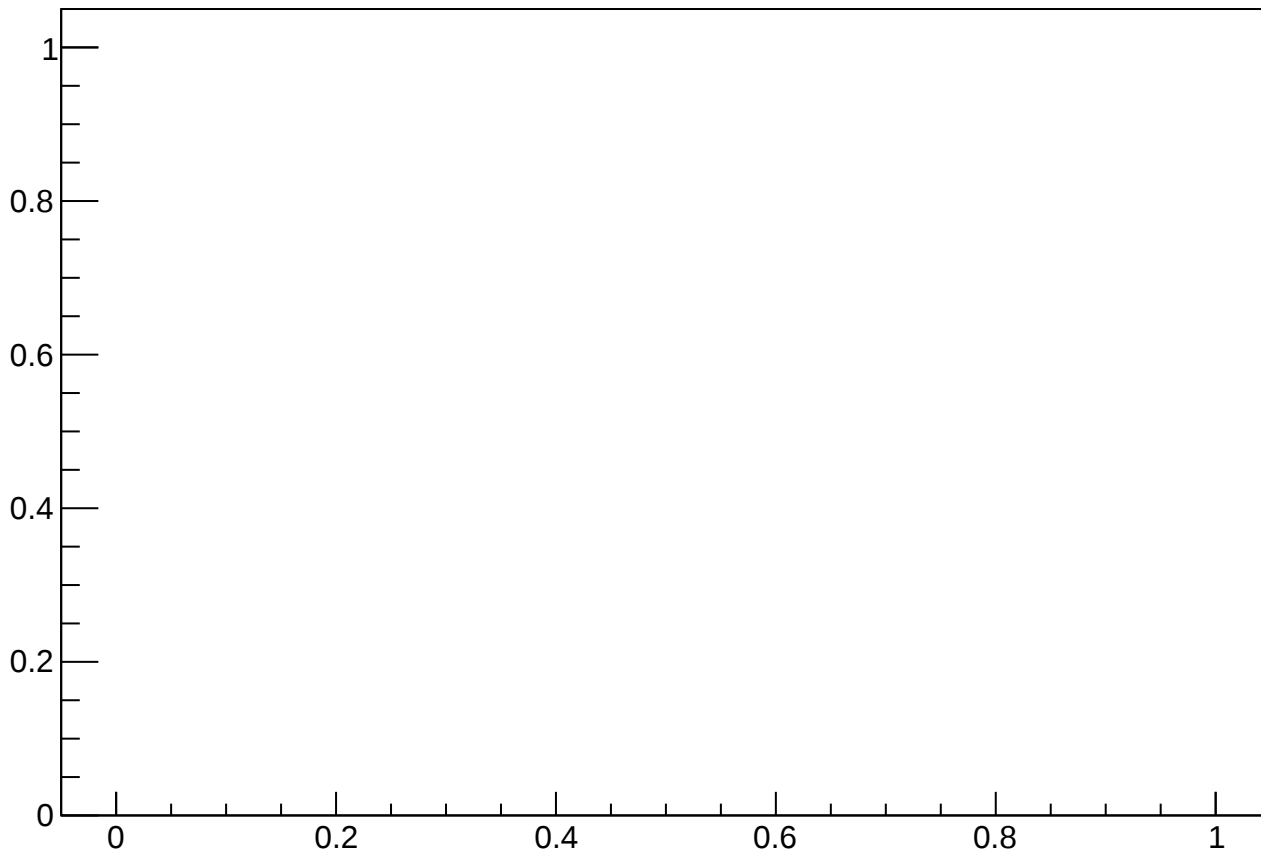
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

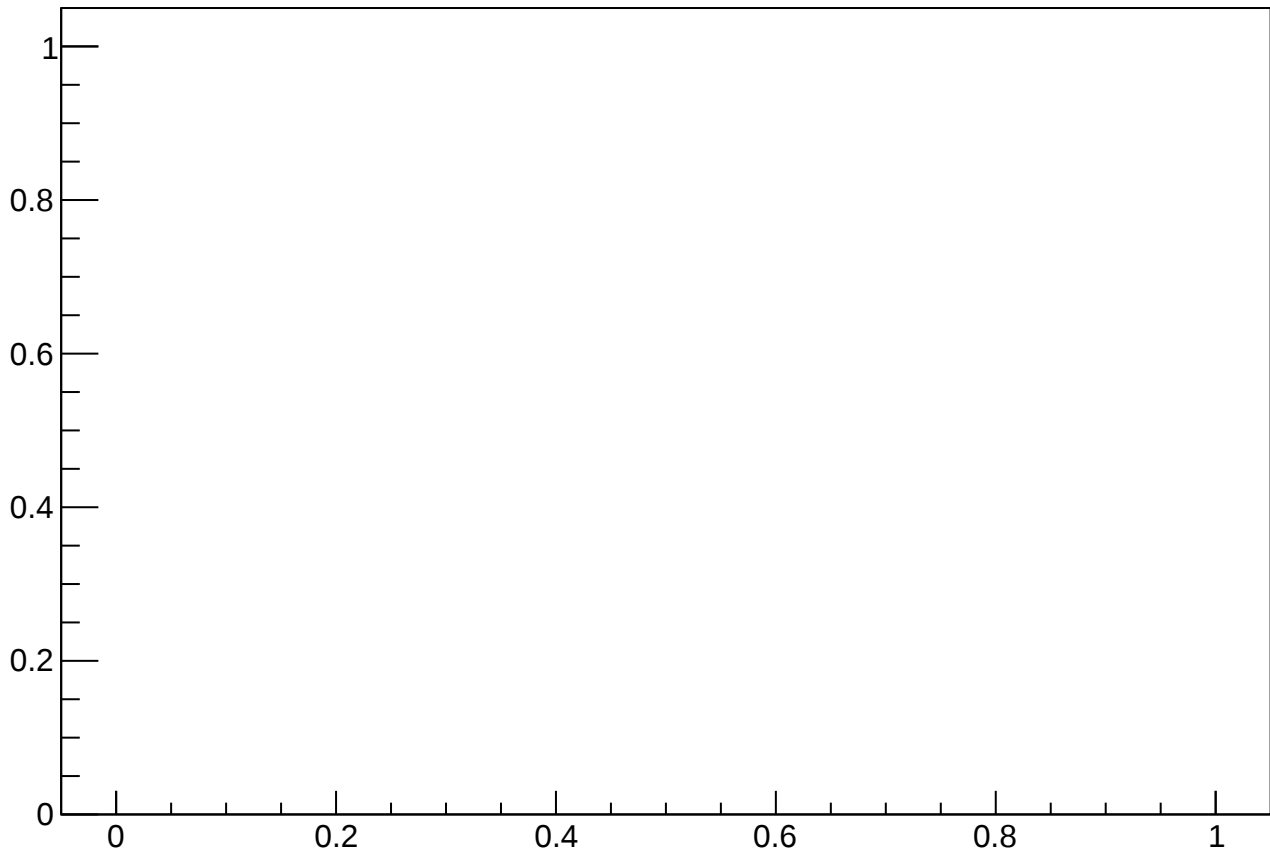
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

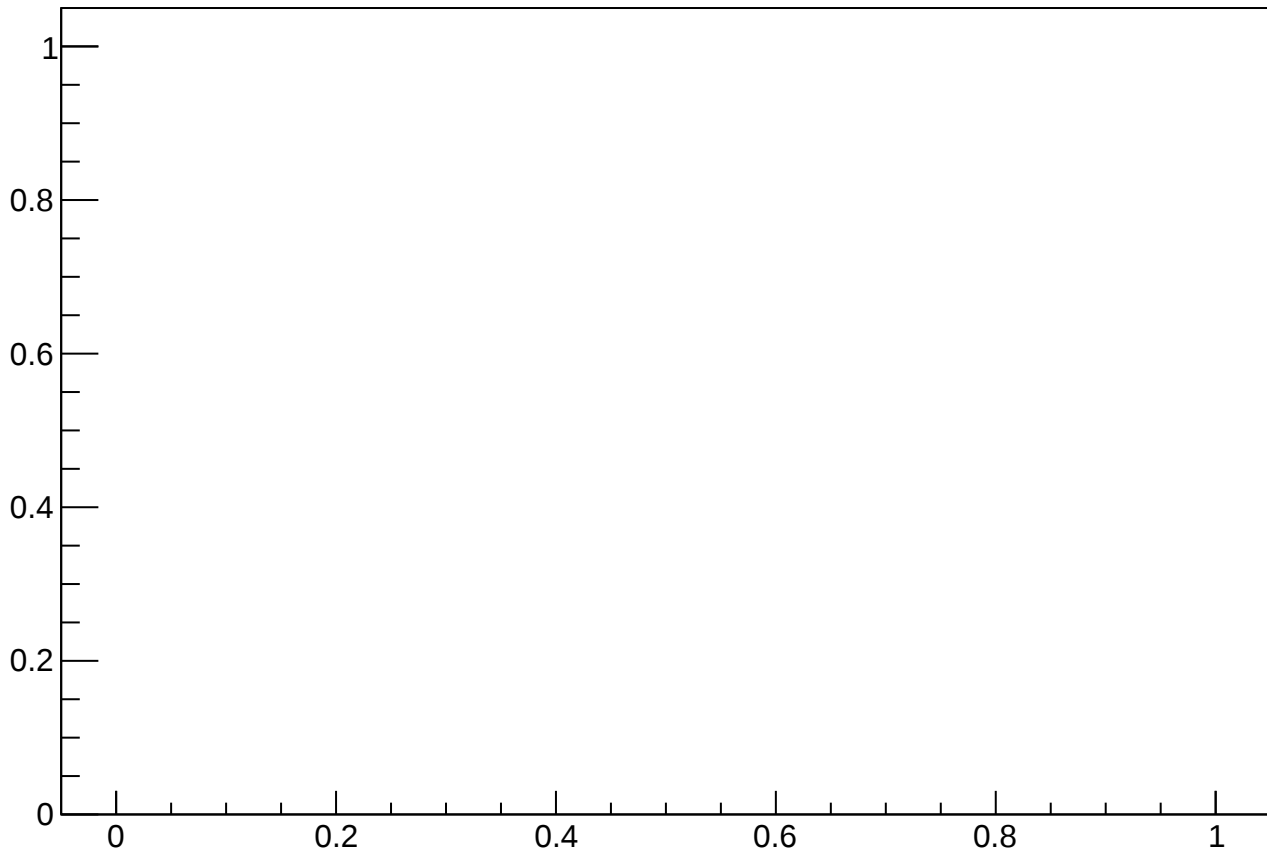
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

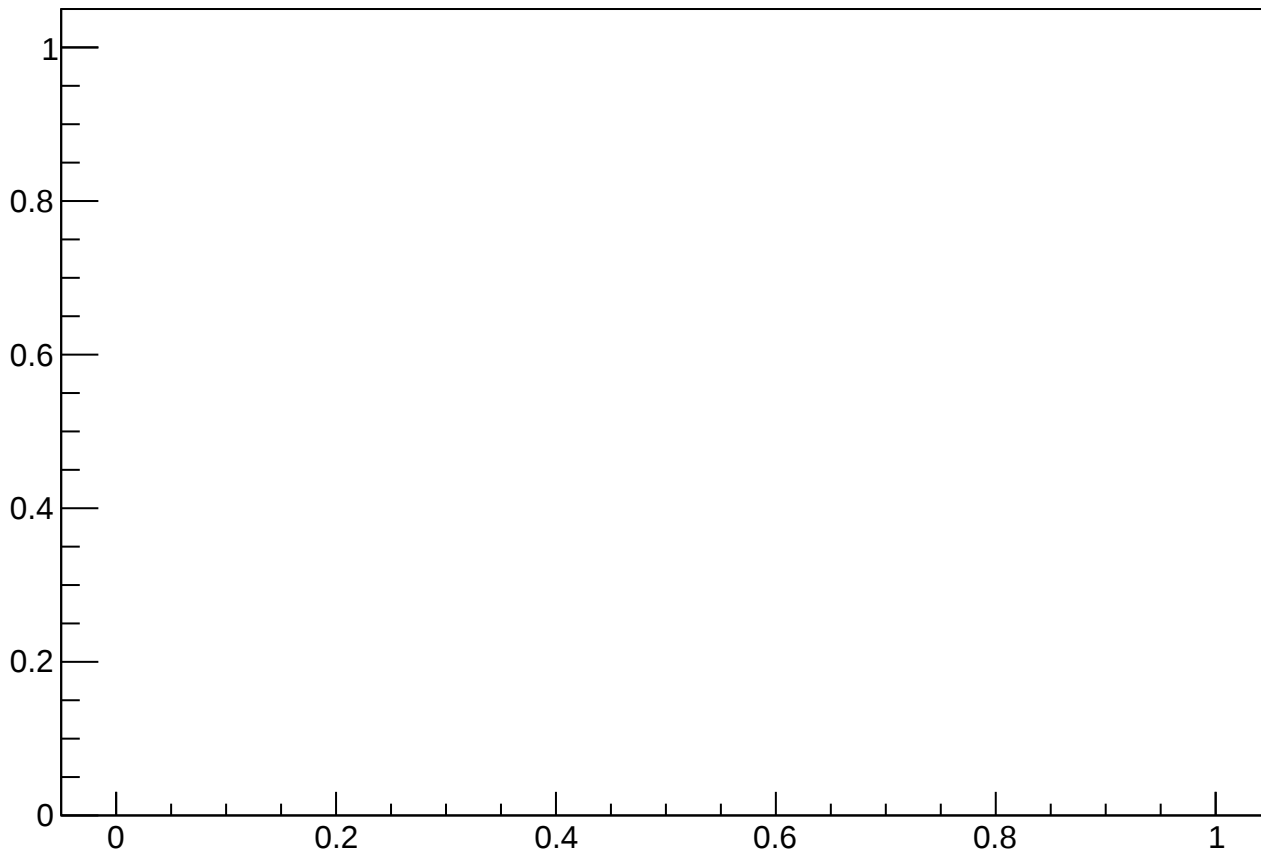
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

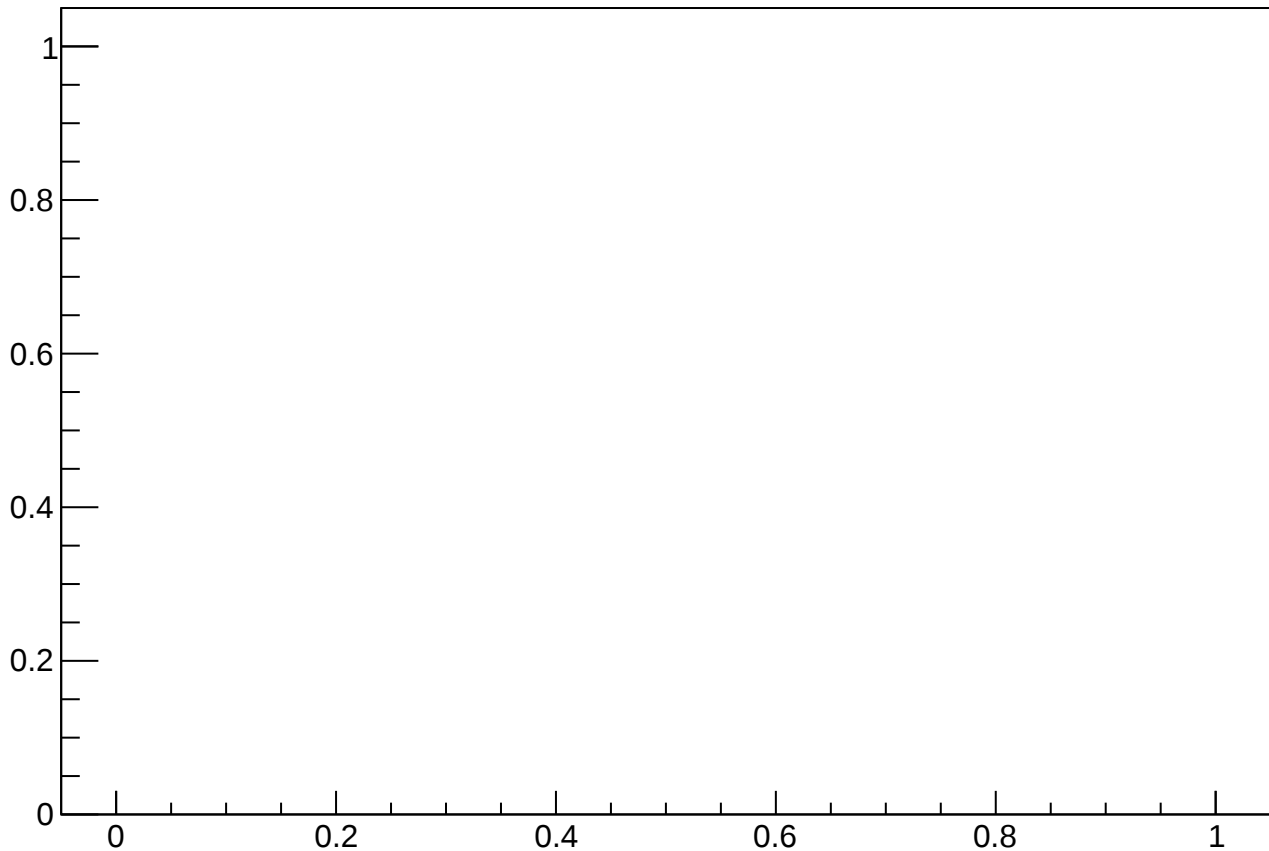
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

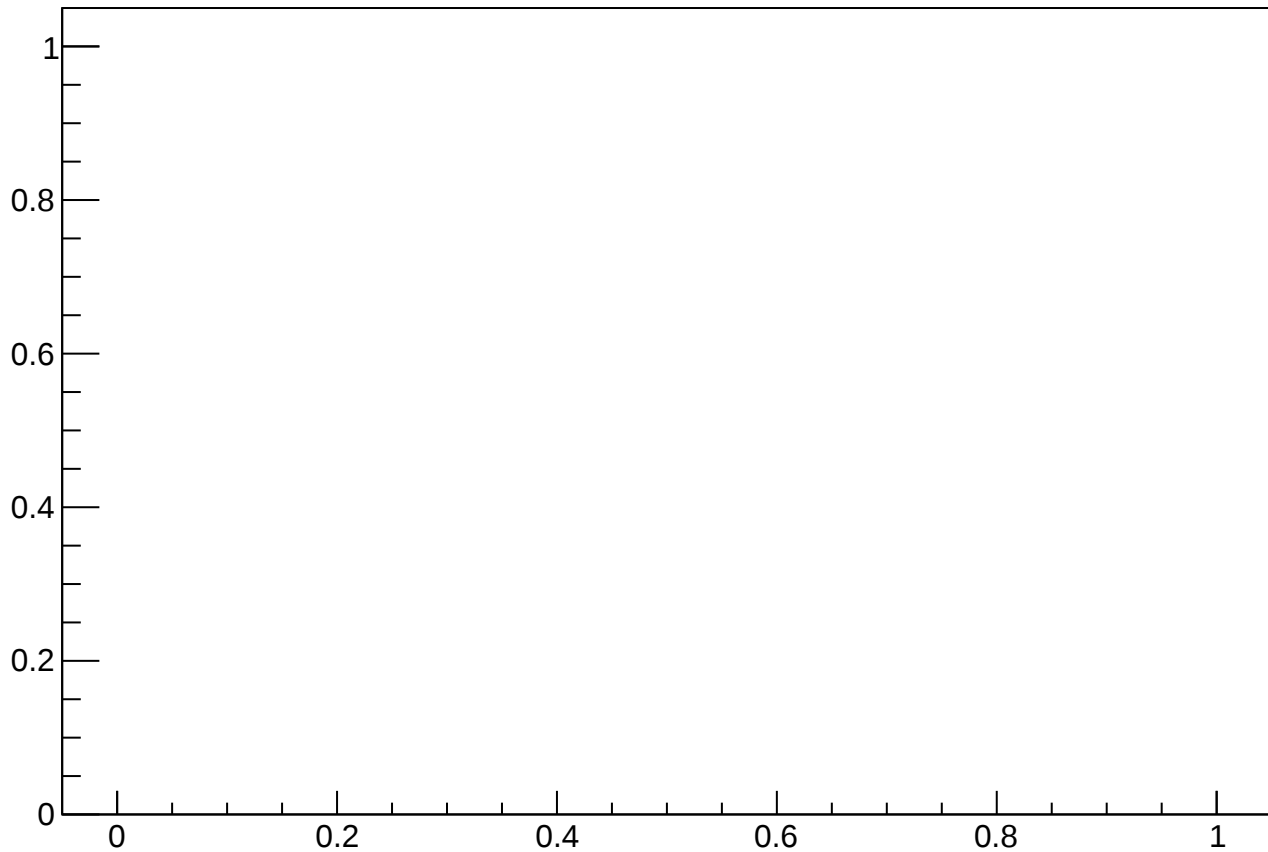
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

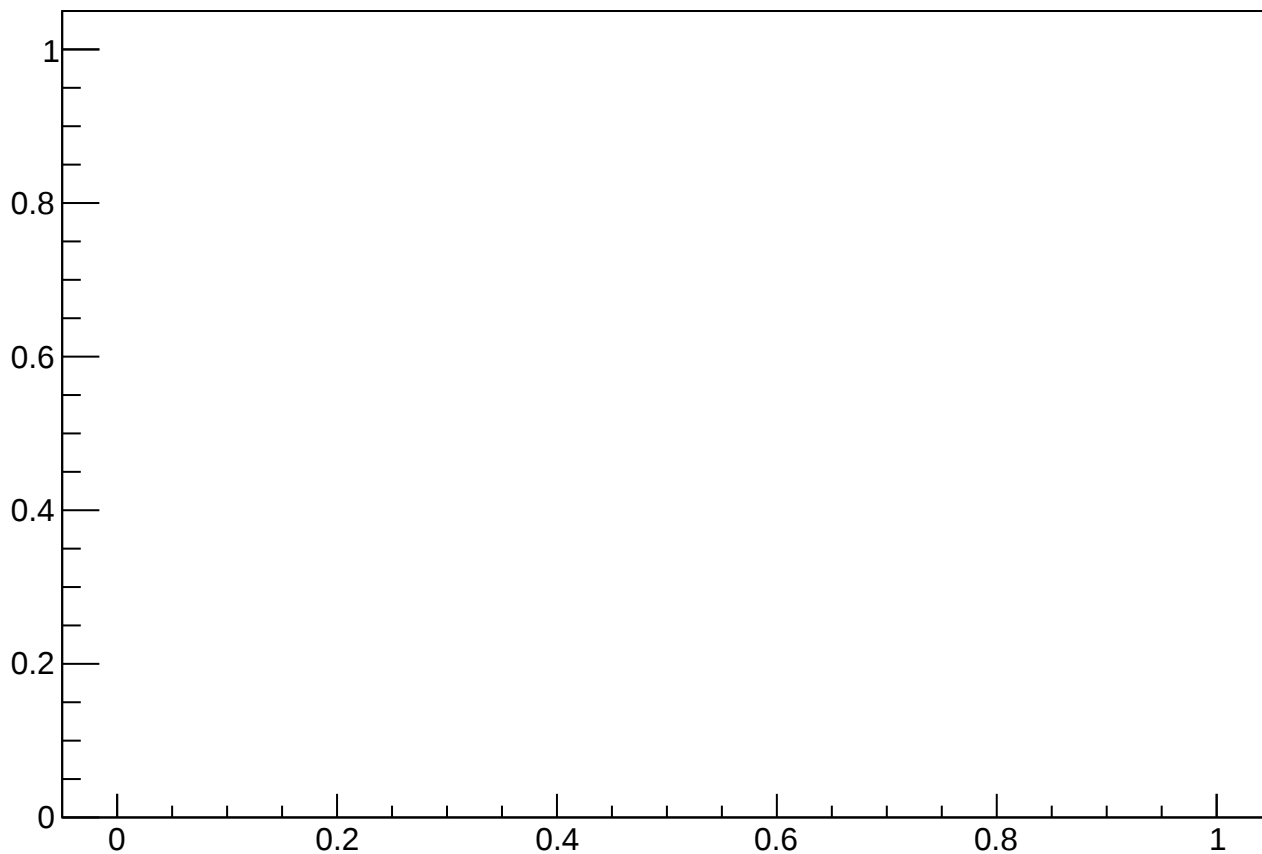
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

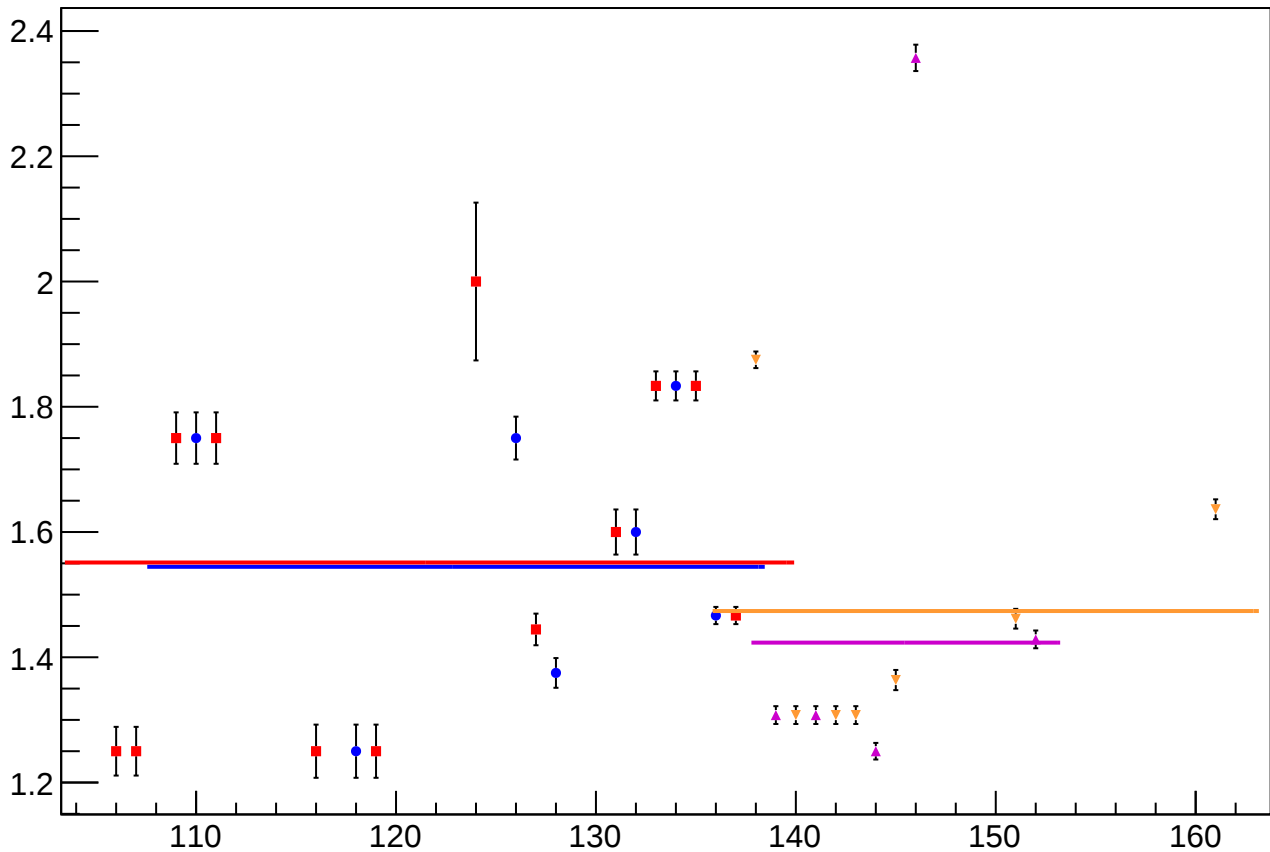
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.474+/-0.006 χ^2/NDF :1480.3/6

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.423+/-0.007 χ^2/NDF :2269.8/4

Left: 1.453+/-0.004 χ^2/NDF : 3784.2/11

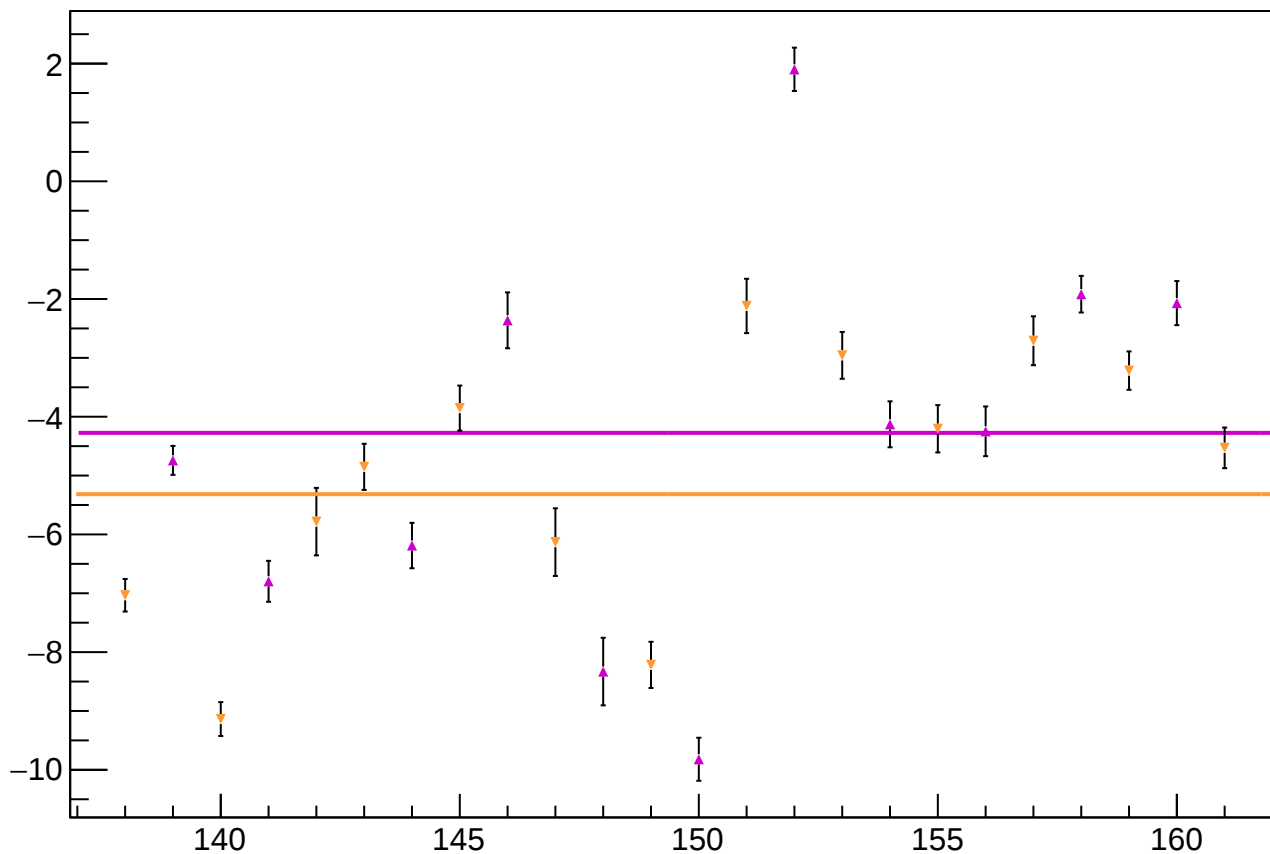
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.464+/-0.005 χ^2/NDF :2732.9/11

Out: 1.498+/-0.005 χ^2/NDF :2175.6/18

All: 1.484+/-0.003 χ^2/NDF : 4931.5/30

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



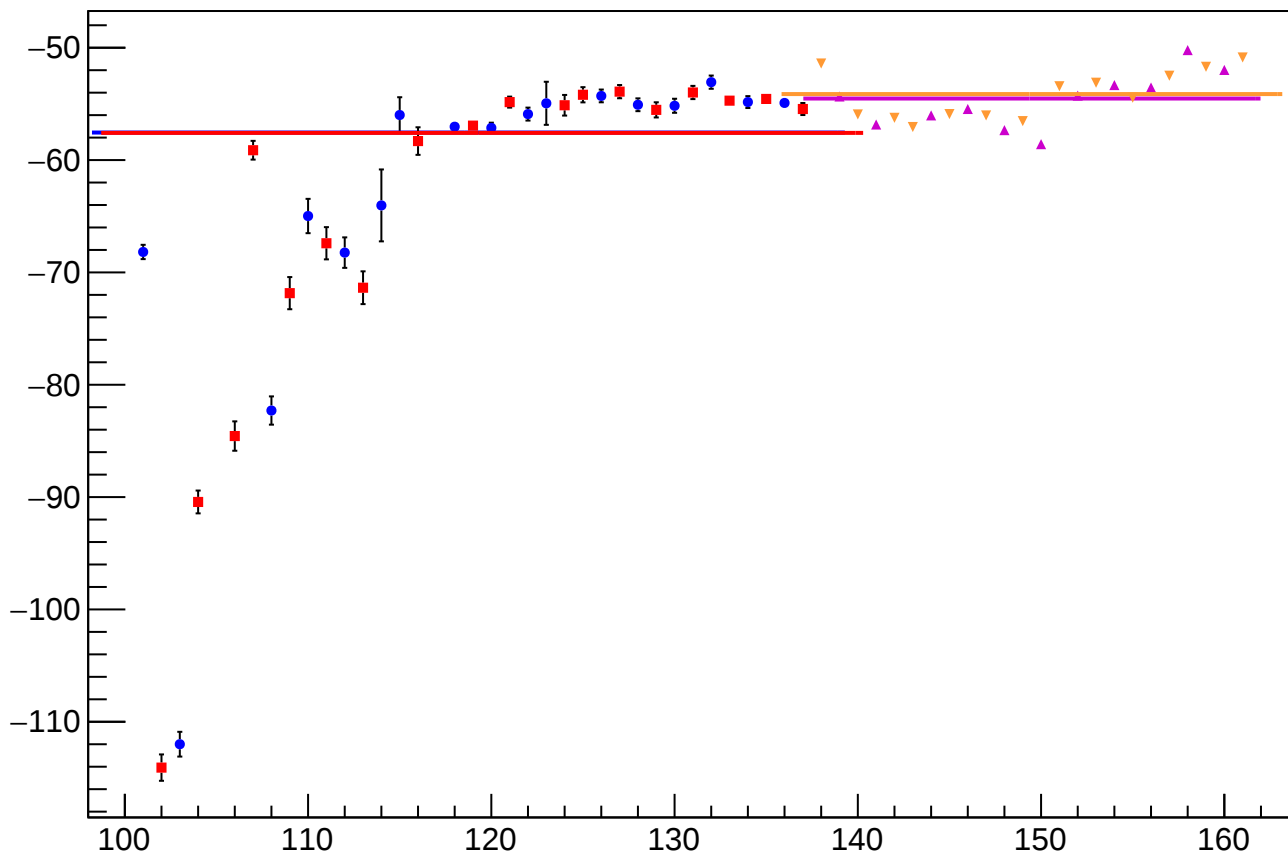
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.316+/-0.104 χ^2/NDF : 464.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.275+/-0.109 χ^2/NDF : 750.3/10

Left: -4.820+/-0.076 χ^2/NDF : 1262.4/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.275+/-0.109 χ^2/NDF : 750.3/10
 Out: -5.316+/-0.104 χ^2/NDF : 464.7/12

All: -4.820+/-0.076 χ^2/NDF : 1262.4/23

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.125 ± 0.076 χ^2/NDF : 790.7/12

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -54.522 ± 0.082 χ^2/NDF : 1021.4/10

Left: -54.309 ± 0.056 χ^2/NDF : 1824.7/23

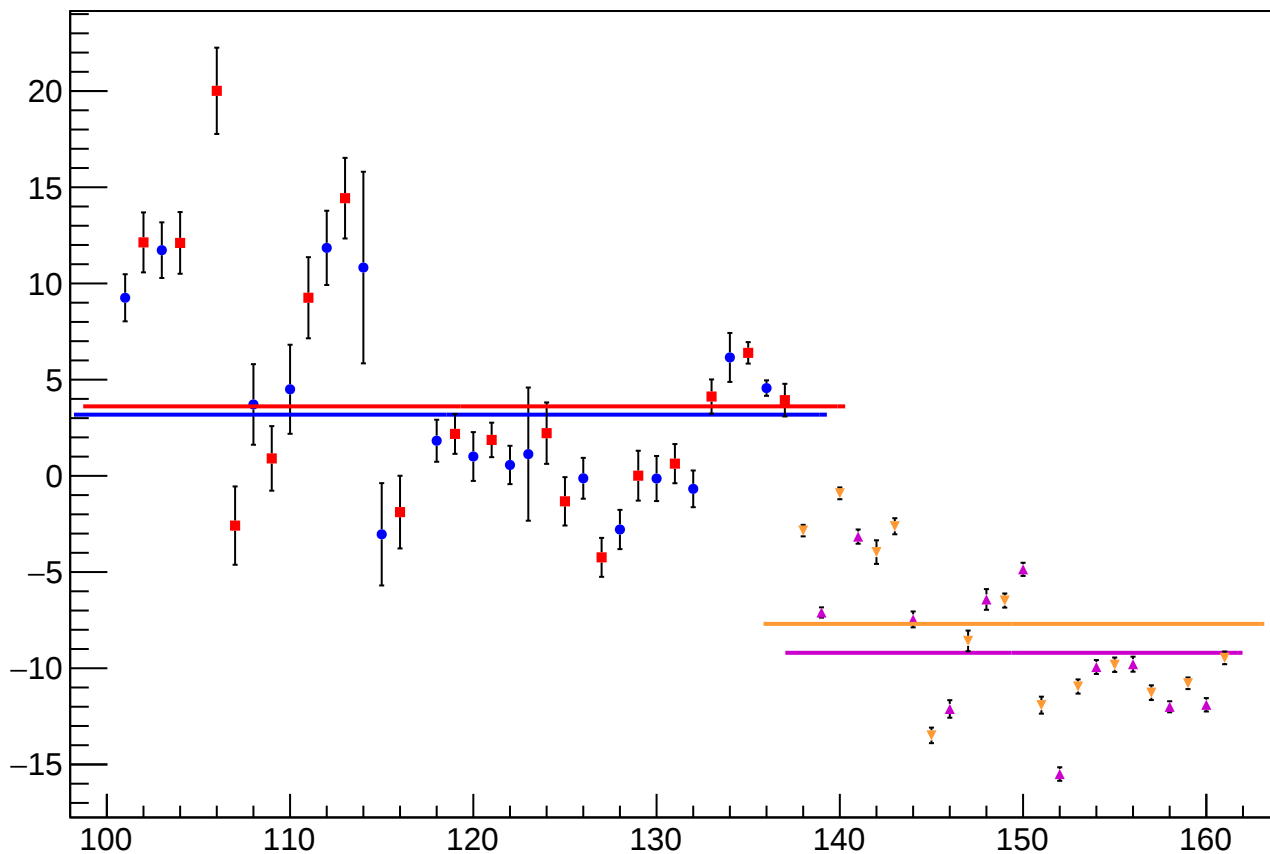
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -55.282 ± 0.071 χ^2/NDF : 4824.0/27

Out: -54.890 ± 0.067 χ^2/NDF : 5589.8/30

All: -55.075 ± 0.049 χ^2/NDF : 10429.9/58

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.693 ± 0.103 χ^2/NDF : 1574.9/12

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -9.196 ± 0.107 χ^2/NDF : 1056.3/10

Left: -8.415 ± 0.074 χ^2/NDF : 2733.0/23

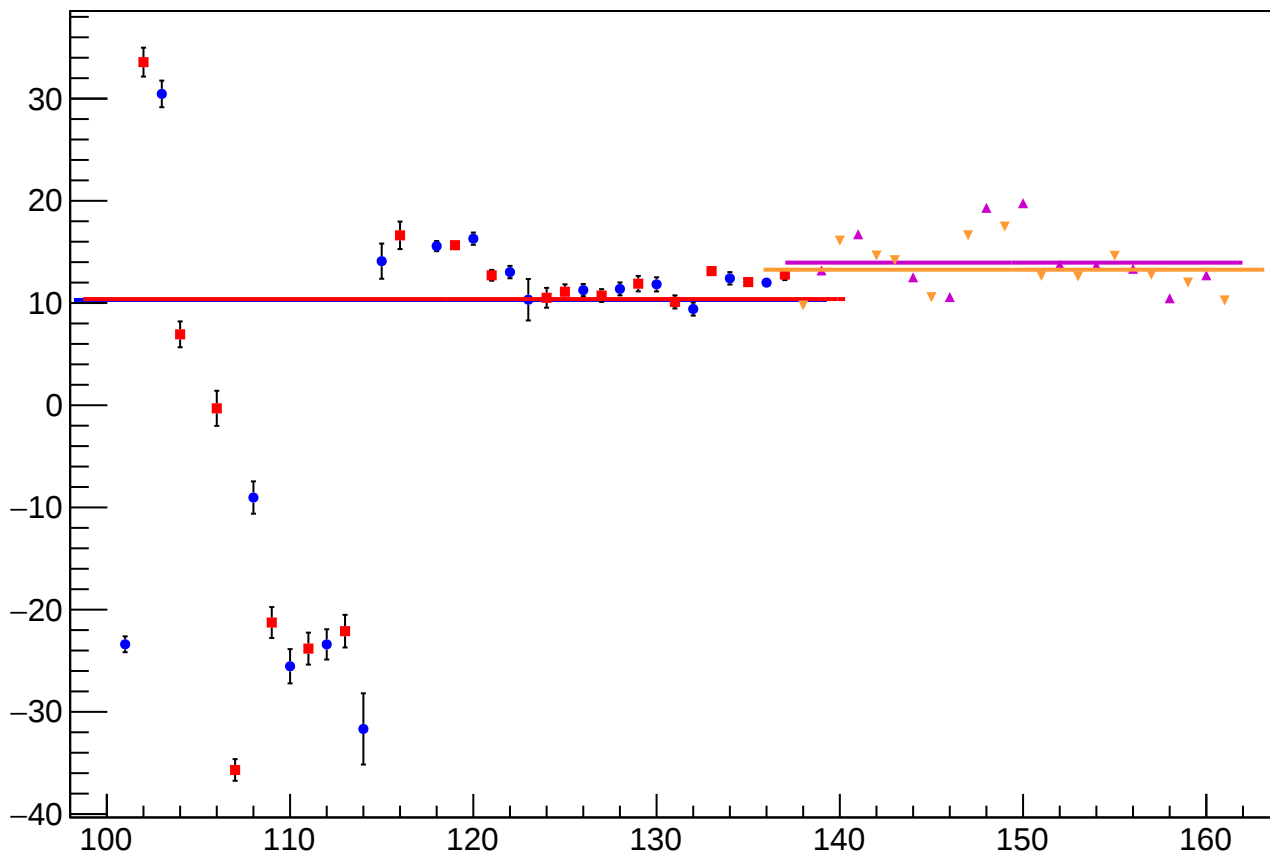
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -7.367 ± 0.099 χ^2/NDF : 3203.1/27

Out: -6.229 ± 0.096 χ^2/NDF : 3414.5/30

All: -6.782 ± 0.069 χ^2/NDF : 6685.3/58

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.262 $\pm$ 0.088 χ^2 /NDF: 725.0/12

Right Out: 10.388 $\pm$ 0.160 χ^2 /NDF: 3786.4/17

Left In: 13.953 $\pm$ 0.094 χ^2 /NDF: 1040.5/10

Left: 13.586 $\pm$ 0.064 χ^2 /NDF: 1794.2/23

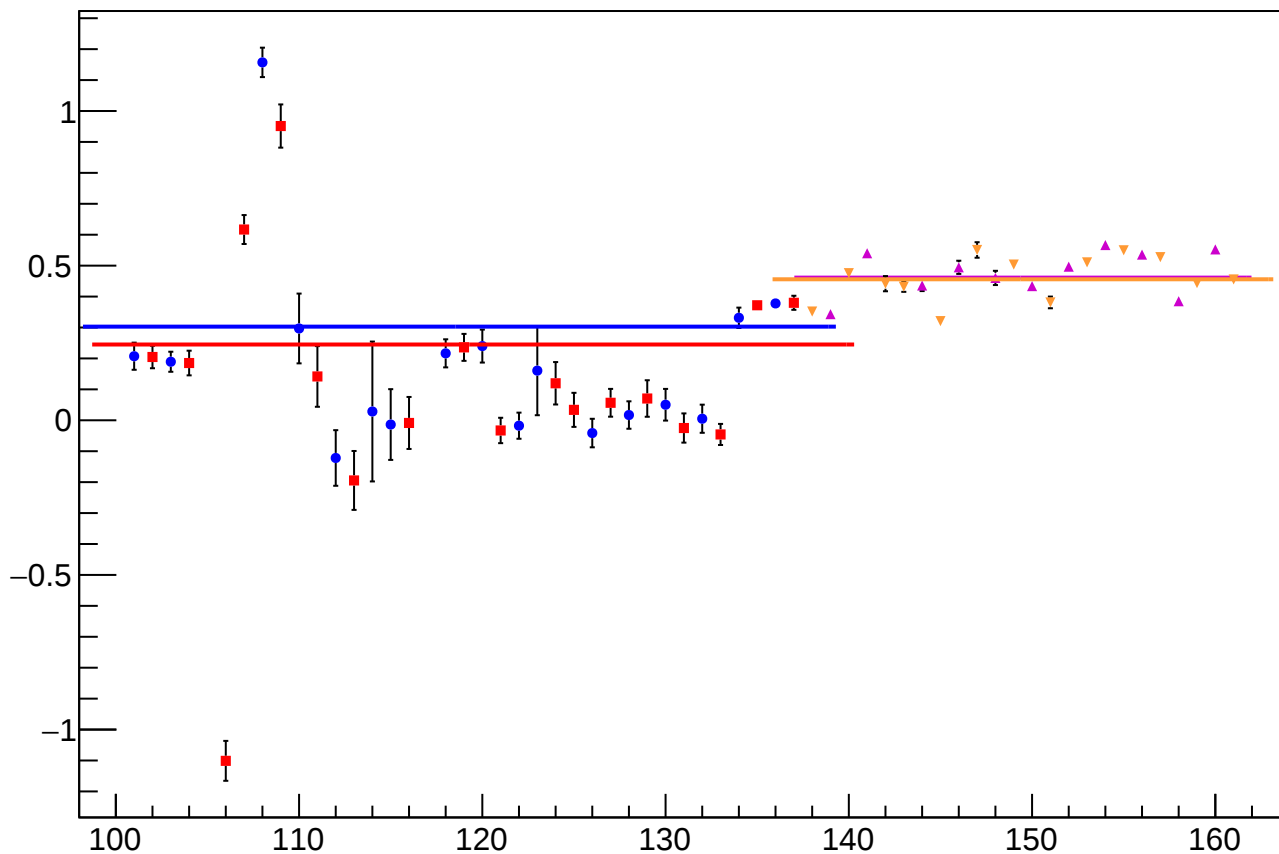
Right: 10.344 $\pm$ 0.112 χ^2 /NDF: 7485.9/34

In: 12.989 $\pm$ 0.081 χ^2 /NDF: 5138.4/27

Out: 12.592 $\pm$ 0.077 χ^2 /NDF: 4759.2/30

All: 12.782 $\pm$ 0.056 χ^2 /NDF: 9910.2/58

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.456 ± 0.004 χ^2/NDF : 299.9/12

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.461 ± 0.004 χ^2/NDF : 408.5/10

Left: 0.459 ± 0.003 χ^2/NDF : 709.2/23

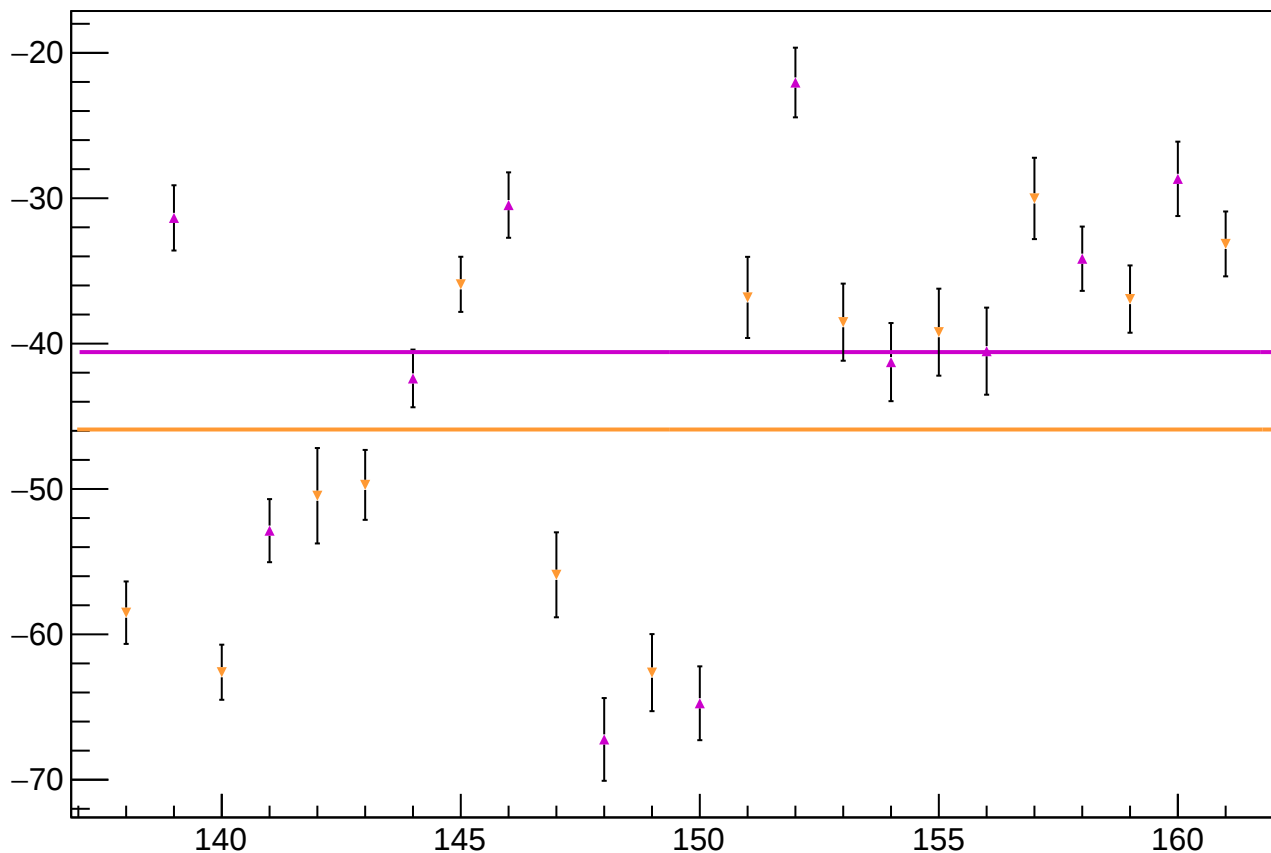
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.430 ± 0.004 χ^2/NDF : 1355.8/27

Out: 0.418 ± 0.004 χ^2/NDF : 1758.3/30

All: 0.424 ± 0.003 χ^2/NDF : 3119.4/58

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -45.909+/-0.675 χ^2/NDF :299.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.584+/-0.721 χ^2/NDF :338.2/10

Left: -43.423+/-0.493 χ^2/NDF : 666.3/23

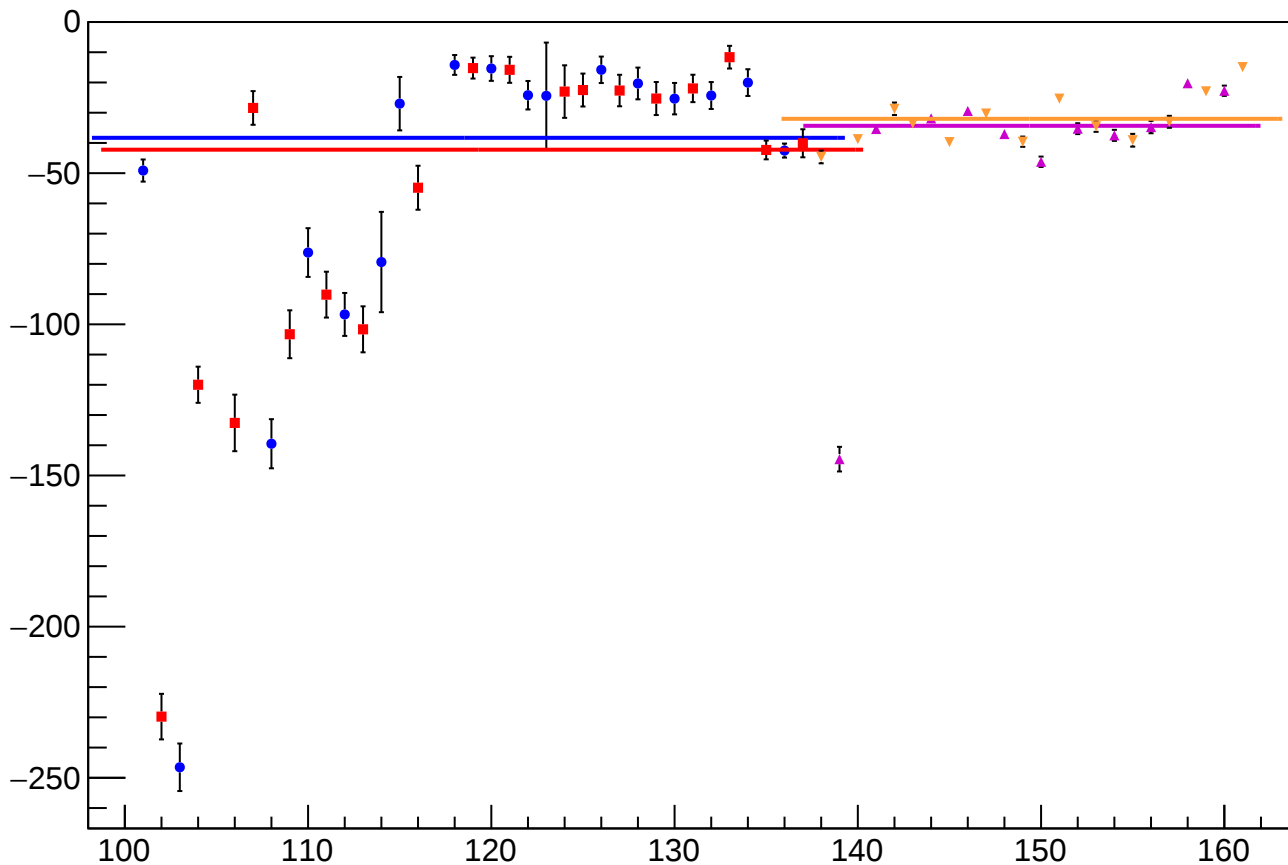
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.584+/-0.721 χ^2/NDF :338.2/10

Out: -45.909+/-0.675 χ^2/NDF :299.1/12

All: -43.423+/-0.493 χ^2/NDF : 666.3/23

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: -32.020 ± 0.472 $\chi^2/\text{NDF}: 287.2/12$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -34.331 ± 0.501 $\chi^2/\text{NDF}: 937.6/10$

Left: -33.106 ± 0.343 $\chi^2/\text{NDF}: 1236.2/23$

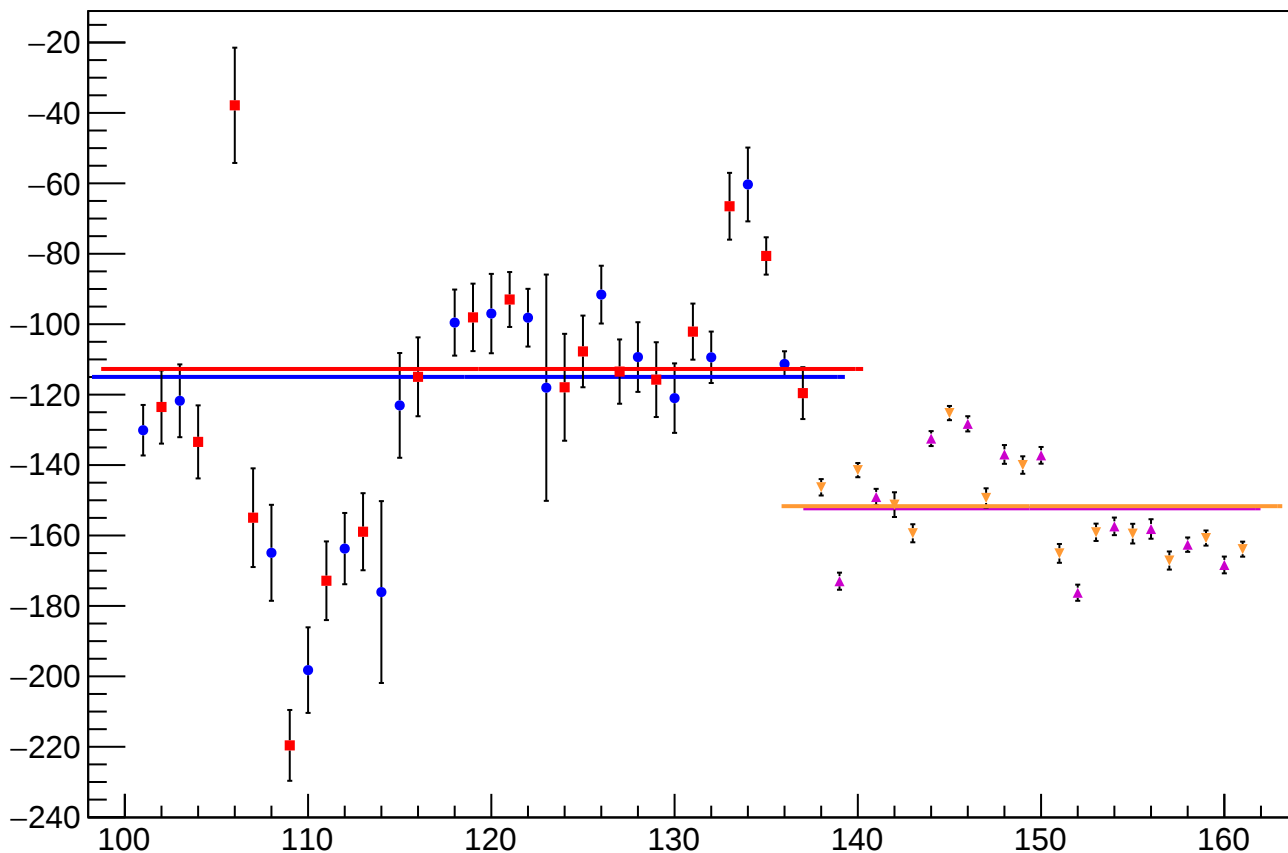
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -34.976 ± 0.459 $\chi^2/\text{NDF}: 2080.6/27$

Out: -33.368 ± 0.439 $\chi^2/\text{NDF}: 1627.2/30$

All: -34.138 ± 0.317 $\chi^2/\text{NDF}: 3714.2/58$

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: -151.675 ± 0.670 $\chi^2/\text{NDF}: 363.3/12$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -152.288 ± 0.706 $\chi^2/\text{NDF}: 547.1/10$

Left: -151.965 ± 0.486 $\chi^2/\text{NDF}: 910.8/23$

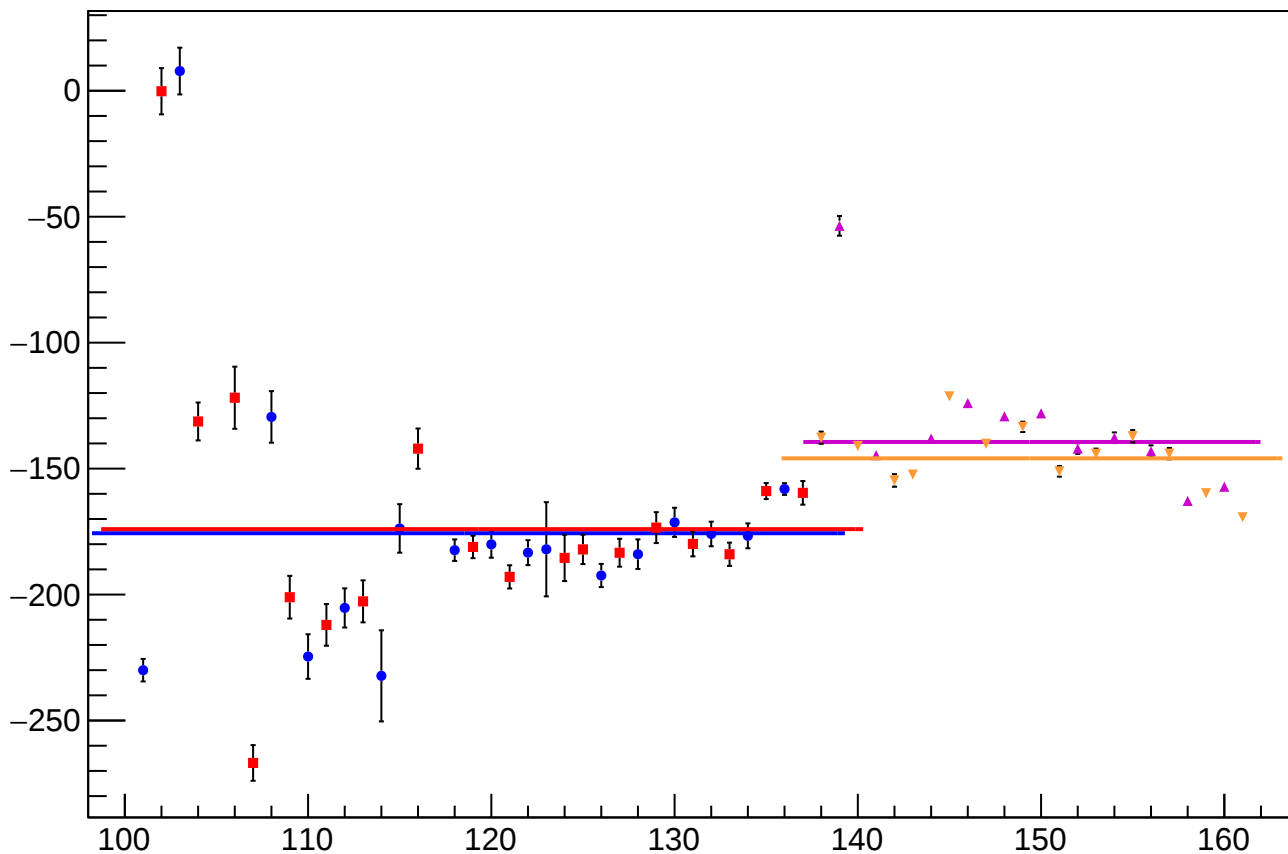
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -148.417 ± 0.668 $\chi^2/\text{NDF}: 978.6/27$

Out: -148.394 ± 0.641 $\chi^2/\text{NDF}: 914.9/30$

All: -148.405 ± 0.463 $\chi^2/\text{NDF}: 1893.5/58$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 $\pm$ 1.269 χ^2 /NDF: 692.1/16

Left Out: -145.919 $\pm$ 0.556 χ^2 /NDF: 567.2/12

Right Out: -174.024 $\pm$ 1.355 χ^2 /NDF: 703.5/17

Left In: -139.422 $\pm$ 0.590 χ^2 /NDF: 936.9/10

Left: -142.867 $\pm$ 0.405 χ^2 /NDF: 1568.3/23

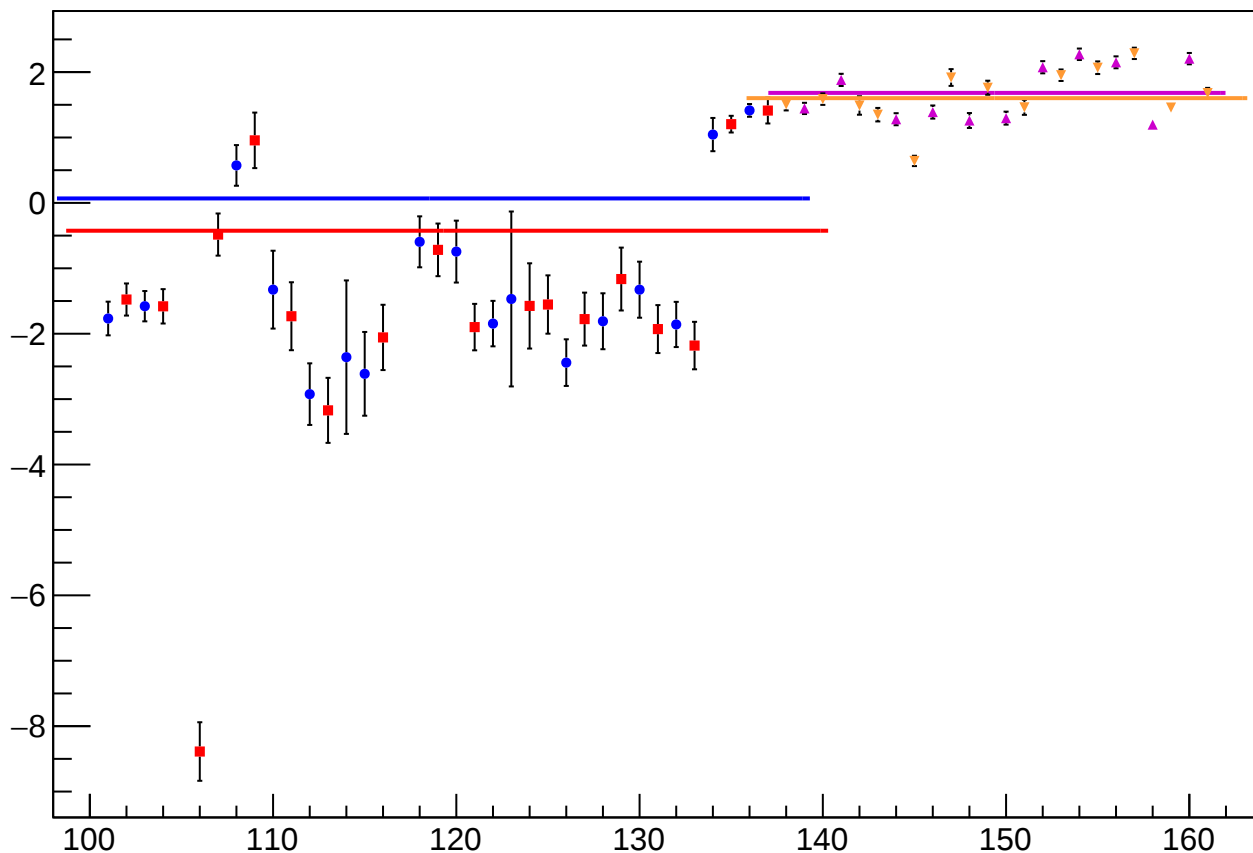
Right: -174.891 $\pm$ 0.926 χ^2 /NDF: 1396.3/34

In: -145.869 $\pm$ 0.535 χ^2 /NDF: 2298.9/27

Out: -149.965 $\pm$ 0.514 χ^2 /NDF: 1638.8/30

All: -147.999 $\pm$ 0.371 χ^2 /NDF: 3968.2/58

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.602 ± 0.026 χ^2/NDF : 270.4/12

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.682 ± 0.027 χ^2/NDF : 237.8/10

Left: 1.640 ± 0.019 χ^2/NDF : 512.7/23

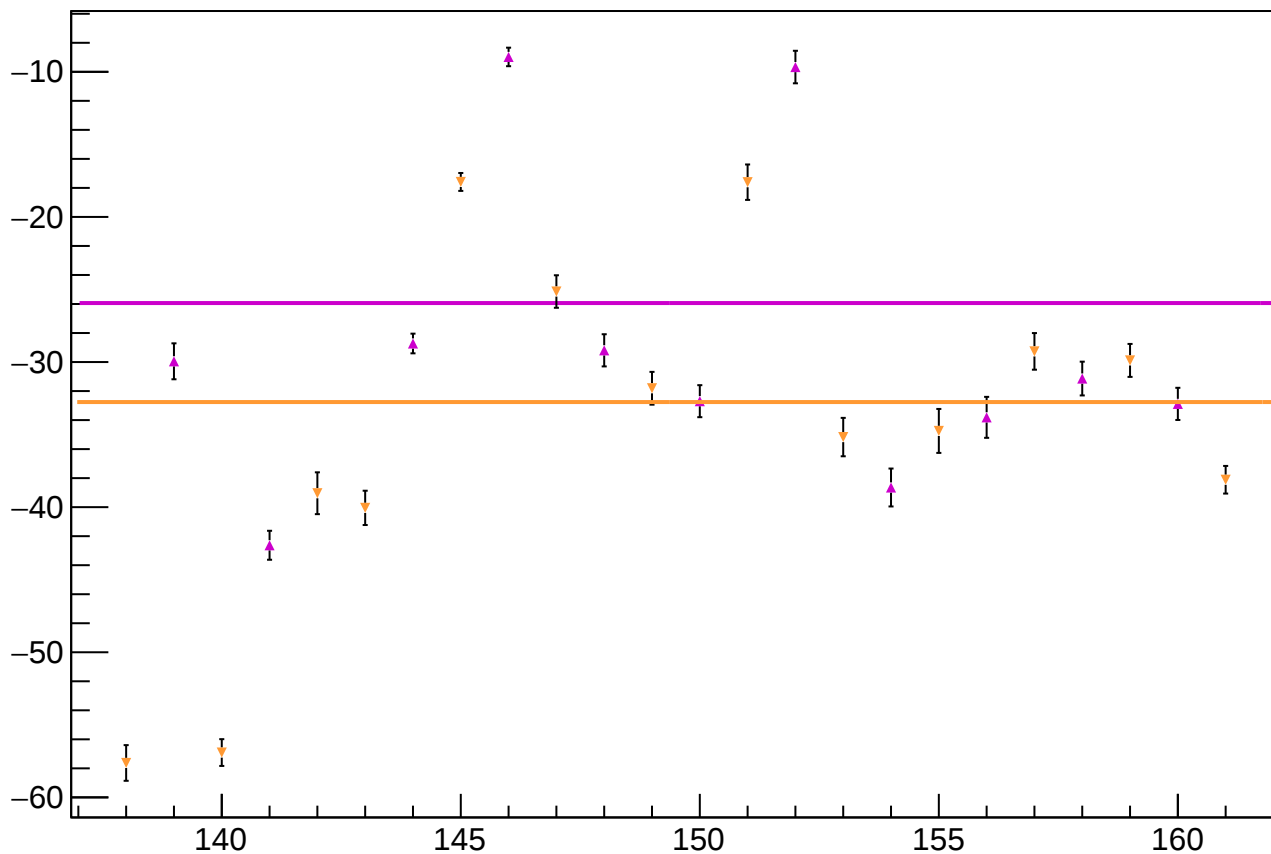
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.450 ± 0.025 χ^2/NDF : 1260.3/27

Out: 1.362 ± 0.025 χ^2/NDF : 1726.9/30

All: 1.405 ± 0.018 χ^2/NDF : 2993.5/58

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

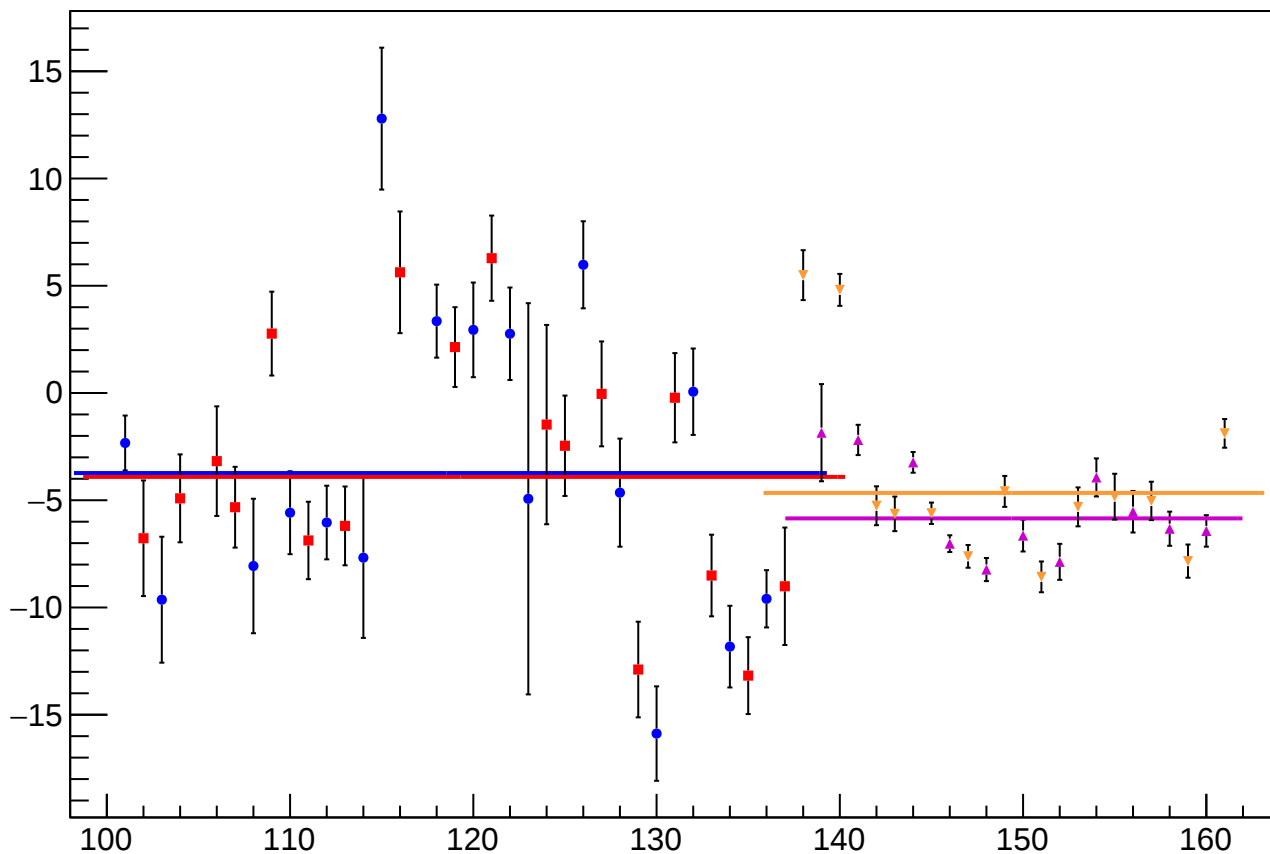


Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -32.757 $\pm$ 0.296 χ^2/NDF :2007.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -25.935 $\pm$ 0.297 χ^2/NDF :1454.3/10

Left: -29.356 $\pm$ 0.210 χ^2/NDF : 3726.7/23
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -25.935 $\pm$ 0.297 χ^2/NDF :1454.3/10
 Out: -32.757 $\pm$ 0.296 χ^2/NDF :2007.4/12

All: -29.356 $\pm$ 0.210 χ^2/NDF : 3726.7/23

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.659 ± 0.204 χ^2/NDF : 338.6/12

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -5.847 ± 0.198 χ^2/NDF : 100.7/10

Left: -5.271 ± 0.142 χ^2/NDF : 456.7/23

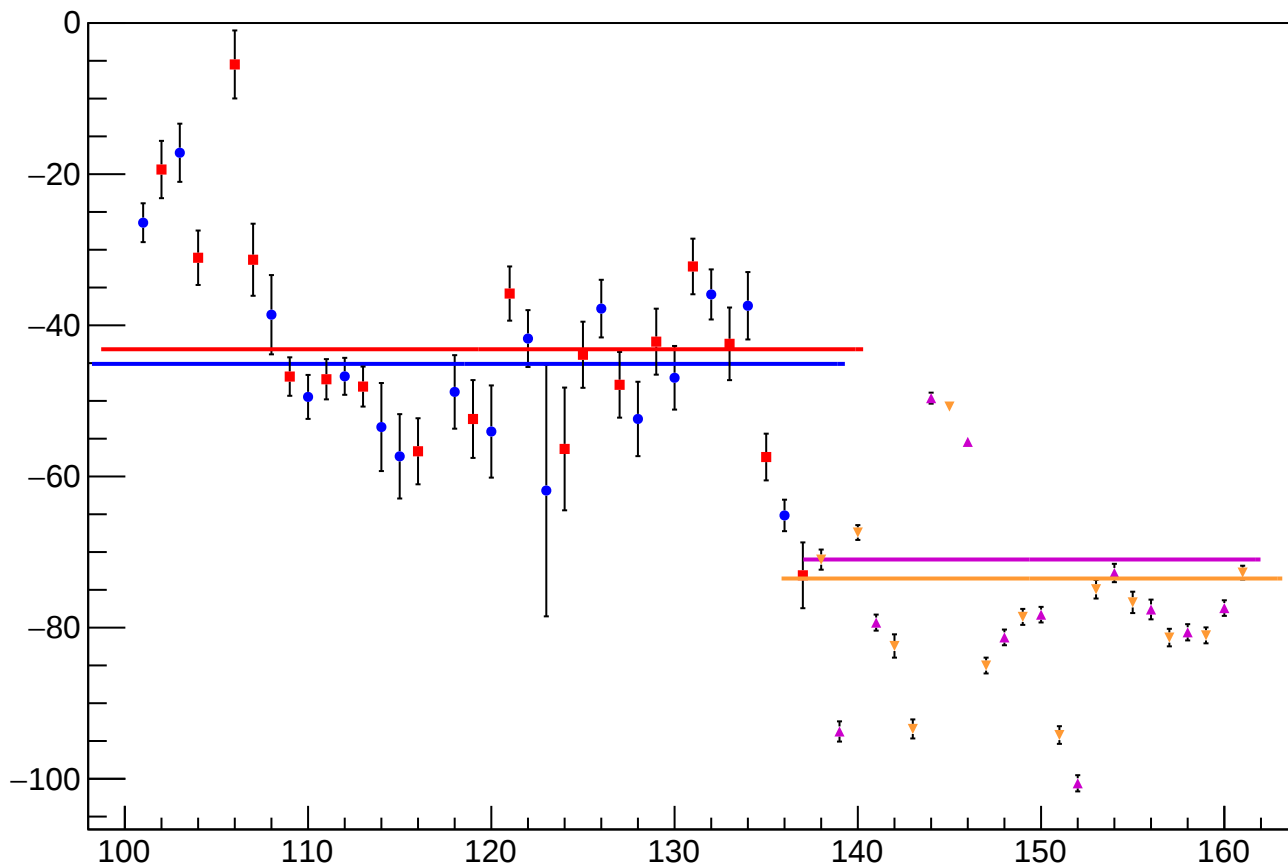
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -5.556 ± 0.184 χ^2/NDF : 282.2/27

Out: -4.554 ± 0.189 χ^2/NDF : 465.2/30

All: -5.070 ± 0.132 χ^2/NDF : 761.8/58

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.501 ± 0.294 χ^2/NDF : 2091.1/12

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -70.985 ± 0.291 χ^2/NDF : 2915.2/10

Left: -72.228 ± 0.207 χ^2/NDF : 5043.3/23

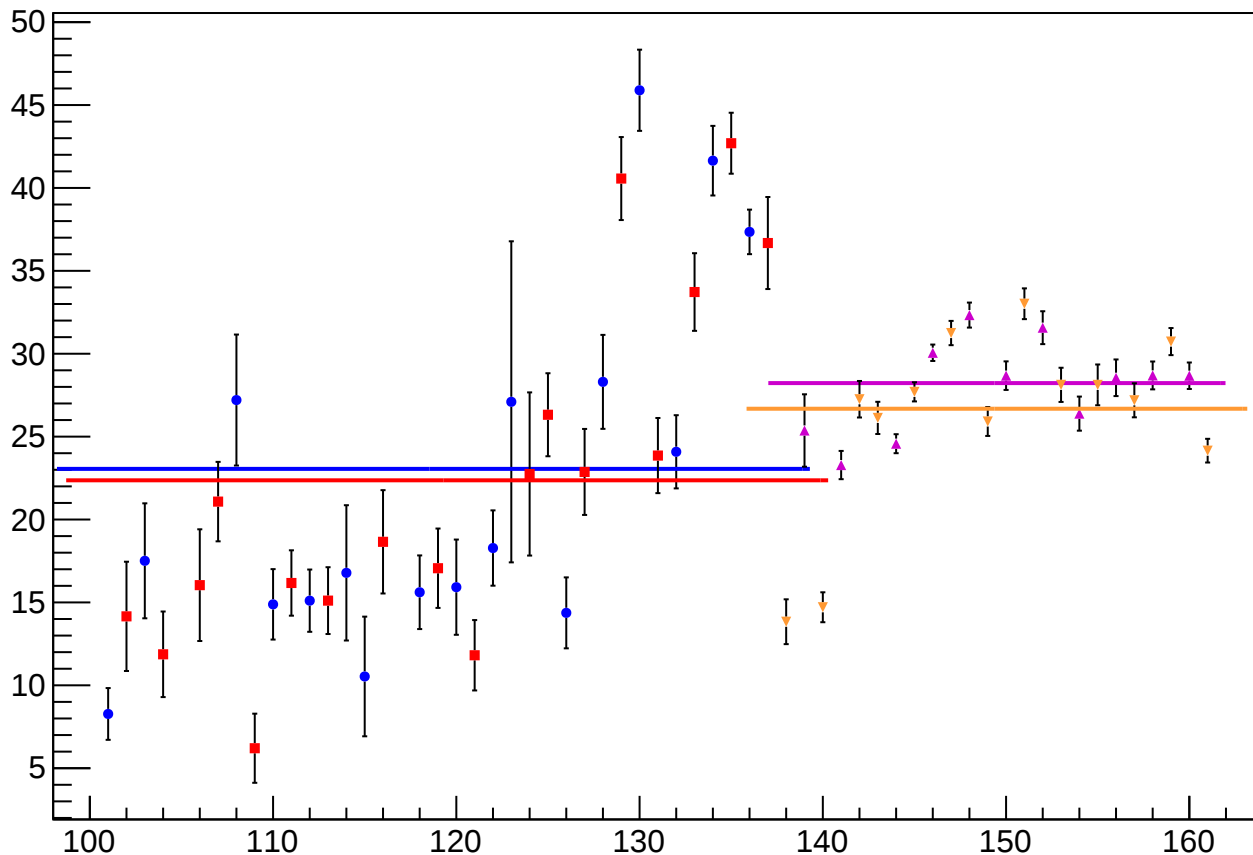
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -68.446 ± 0.276 χ^2/NDF : 3921.5/27

Out: -70.441 ± 0.279 χ^2/NDF : 3394.3/30

All: -69.433 ± 0.196 χ^2/NDF : 7341.6/58

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.683 $\pm$ 0.242 χ^2 /NDF:396.9/12

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 28.229 $\pm$ 0.238 χ^2 /NDF:134.9/10

Left: 27.469 $\pm$ 0.170 χ^2 /NDF: 552.5/23

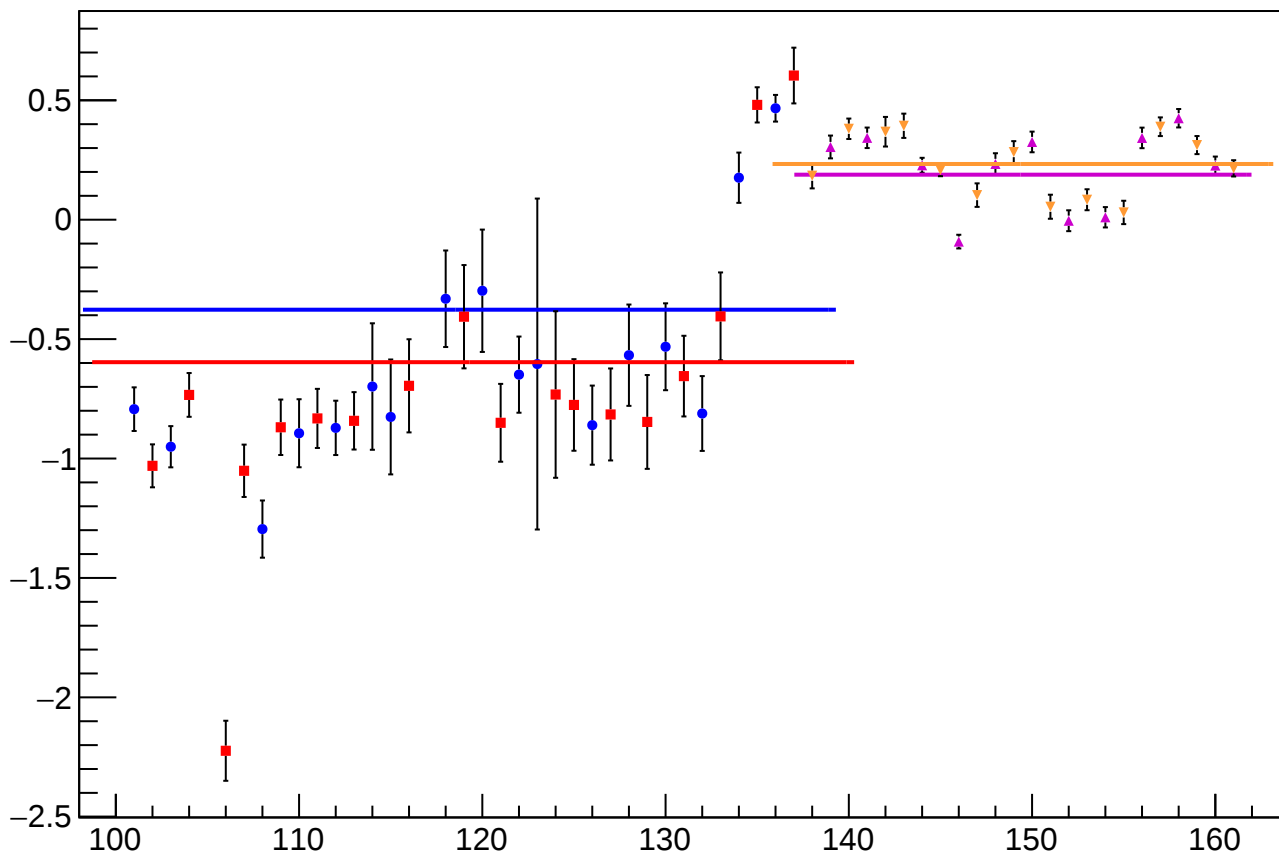
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 27.428 $\pm$ 0.219 χ^2 /NDF:668.9/27

Out: 26.027 $\pm$ 0.223 χ^2 /NDF:813.9/30

All: 26.740 $\pm$ 0.156 χ^2 /NDF: 1502.9/58

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.233 ± 0.012 χ^2/NDF : 98.6/12

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.188 ± 0.012 χ^2/NDF : 215.4/10

Left: 0.211 ± 0.008 χ^2/NDF : 321.4/23

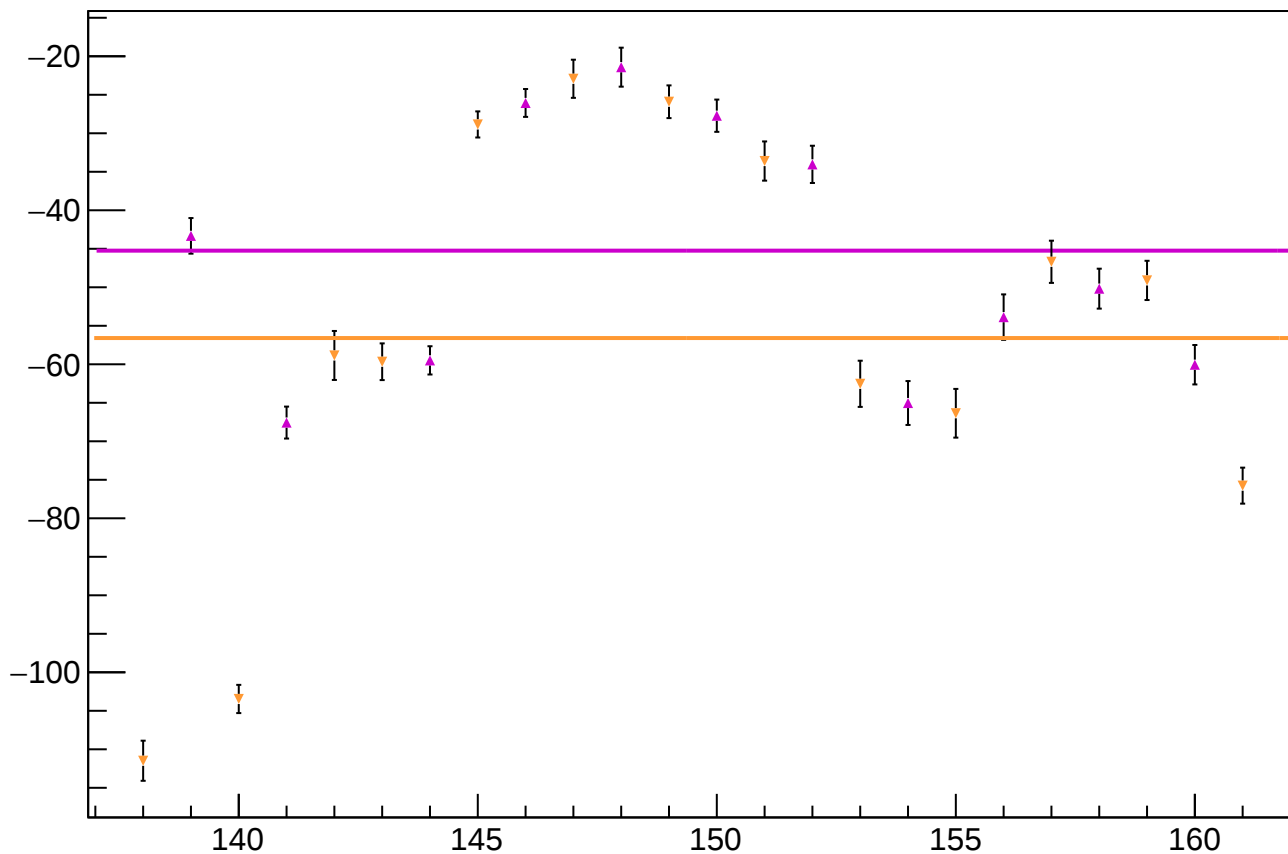
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.114 ± 0.011 χ^2/NDF : 959.0/27

Out: 0.128 ± 0.011 χ^2/NDF : 1306.8/30

All: 0.121 ± 0.008 χ^2/NDF : 2266.6/58

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.593+/-0.661 χ^2/NDF :1945.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.243+/-0.688 χ^2/NDF :562.9/10

Left: -51.141+/-0.477 χ^2/NDF : 2650.2/23

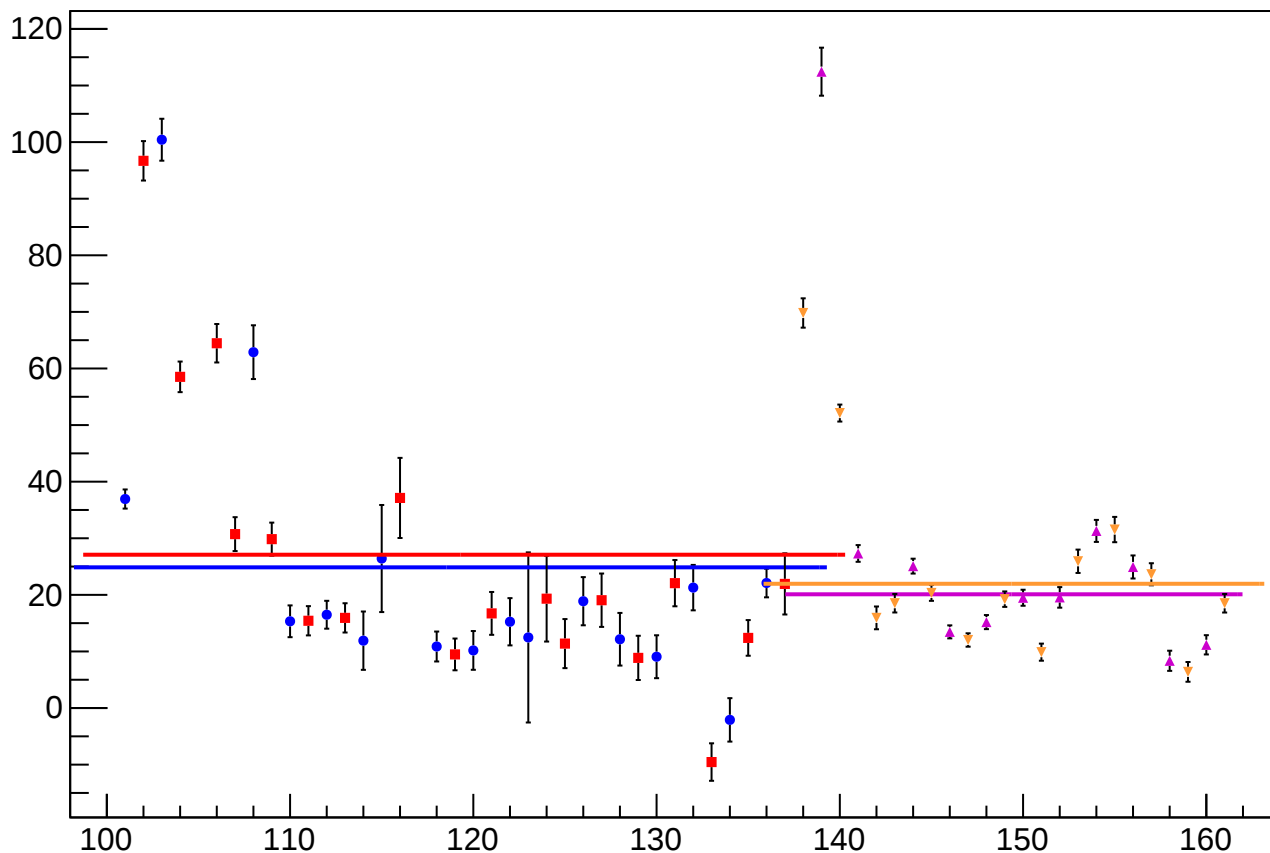
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.243+/-0.688 χ^2/NDF :562.9/10

Out: -56.593+/-0.661 χ^2/NDF :1945.7/12

All: -51.141+/-0.477 χ^2/NDF : 2650.2/23

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: 21.958 $\pm$ 0.456 χ^2 /NDF:1005.2/12

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 20.100 $\pm$ 0.473 χ^2 /NDF:671.0/10

Left: 21.064 $\pm$ 0.328 χ^2 /NDF: 1684.2/23

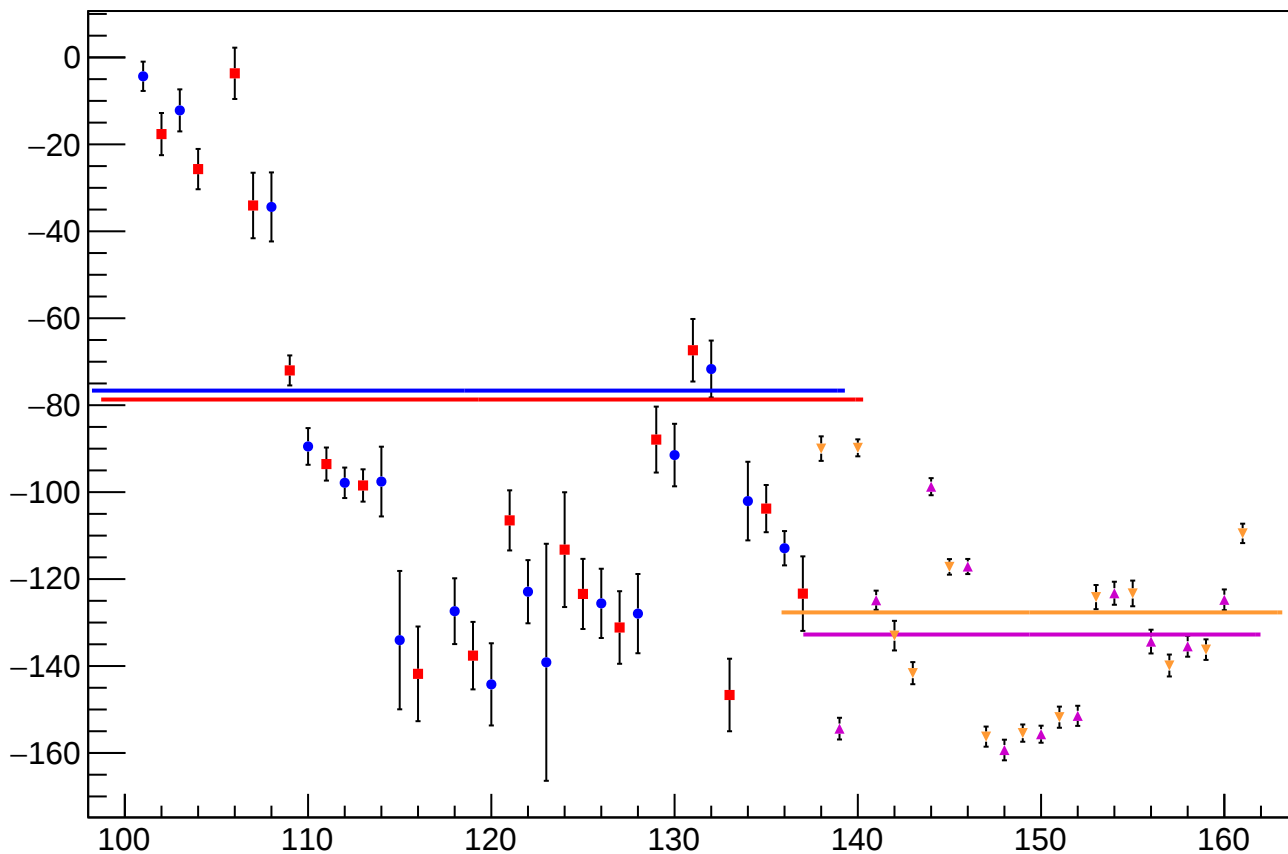
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 21.331 $\pm$ 0.408 χ^2 /NDF:1388.2/27

Out: 23.189 $\pm$ 0.397 χ^2 /NDF:1966.5/30

All: 22.284 $\pm$ 0.285 χ^2 /NDF: 3365.4/58

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: -127.666 ± 0.655 $\chi^2/\text{NDF}: 1173.9/12$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -132.753 ± 0.673 $\chi^2/\text{NDF}: 821.2/10$

Left: -130.140 ± 0.469 $\chi^2/\text{NDF}: 2024.4/23$

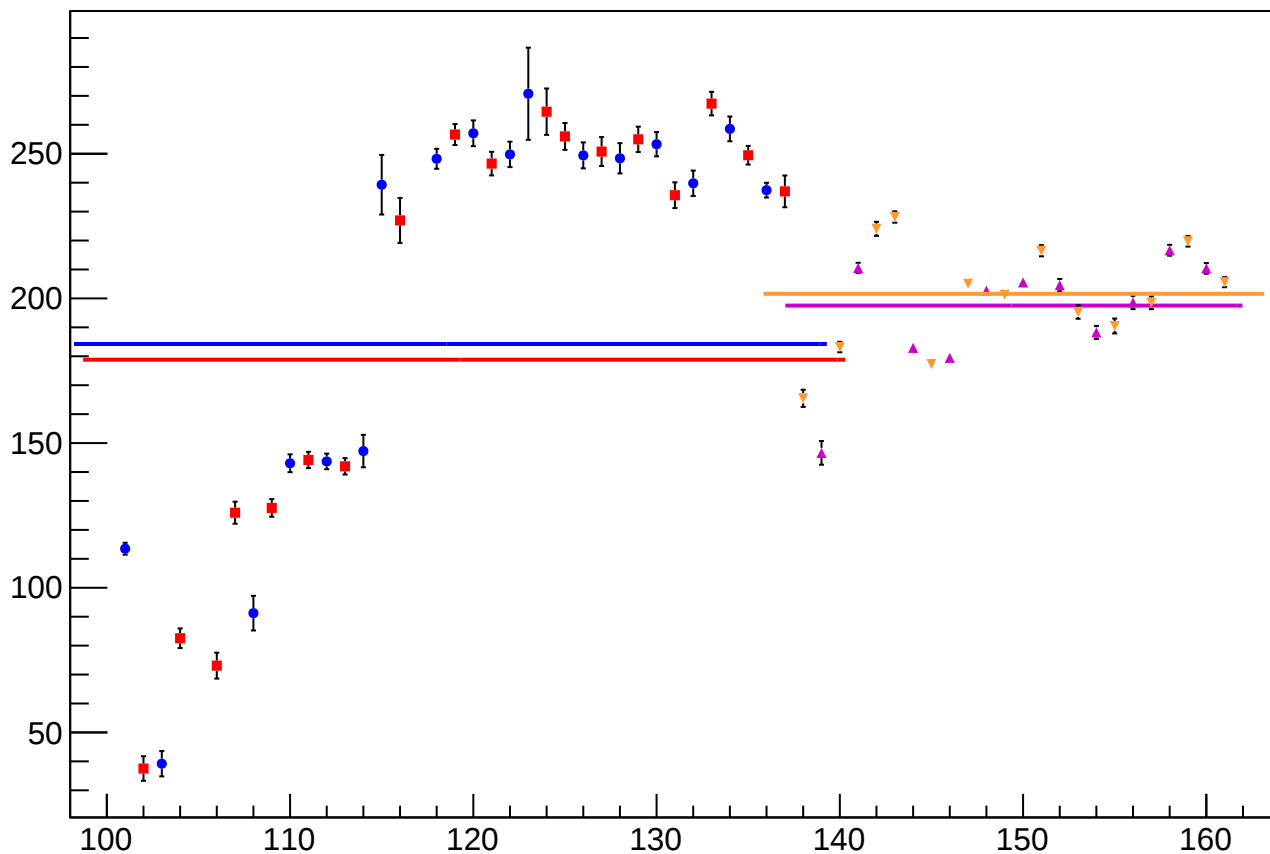
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -122.395 ± 0.608 $\chi^2/\text{NDF}: 3144.5/27$

Out: -118.445 ± 0.590 $\chi^2/\text{NDF}: 3062.9/30$

All: -120.361 ± 0.423 $\chi^2/\text{NDF}: 6229.1/58$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 201.585 $\pm$ 0.542 χ^2 /NDF: 941.6/12

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 197.523 $\pm$ 0.562 χ^2 /NDF: 668.7/10

Left: 199.629 $\pm$ 0.390 χ^2 /NDF: 1637.3/23

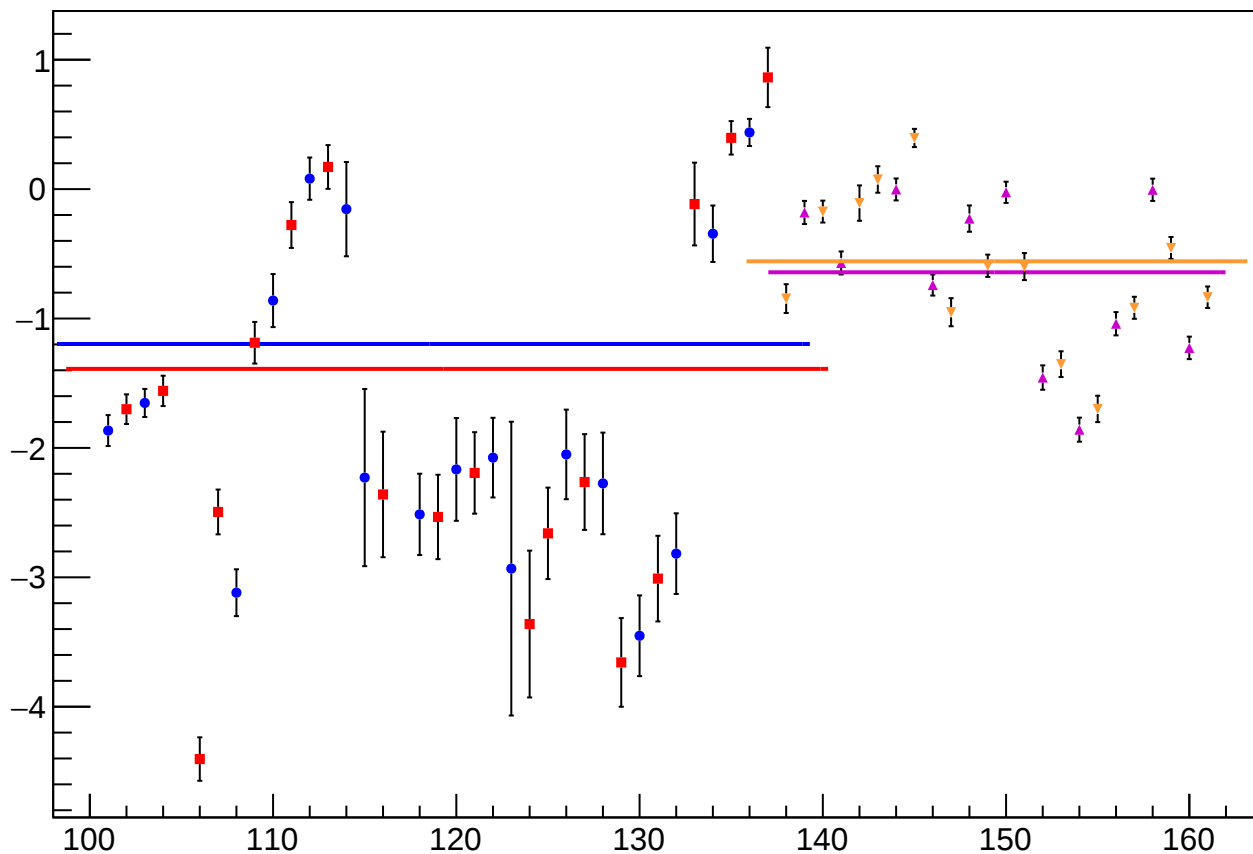
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 193.885 $\pm$ 0.479 χ^2 /NDF: 6210.0/27

Out: 195.775 $\pm$ 0.468 χ^2 /NDF: 7562.9/30

All: 194.853 $\pm$ 0.335 χ^2 /NDF: 13780.9/58

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 $\chi^2/\text{NDF}: 621.5/16$

Left Out: -0.558 ± 0.026 $\chi^2/\text{NDF}: 493.1/12$

Right Out: -1.389 ± 0.046 $\chi^2/\text{NDF}: 922.2/17$

Left In: -0.643 ± 0.027 $\chi^2/\text{NDF}: 525.2/10$

Left: -0.599 ± 0.019 $\chi^2/\text{NDF}: 1023.5/23$

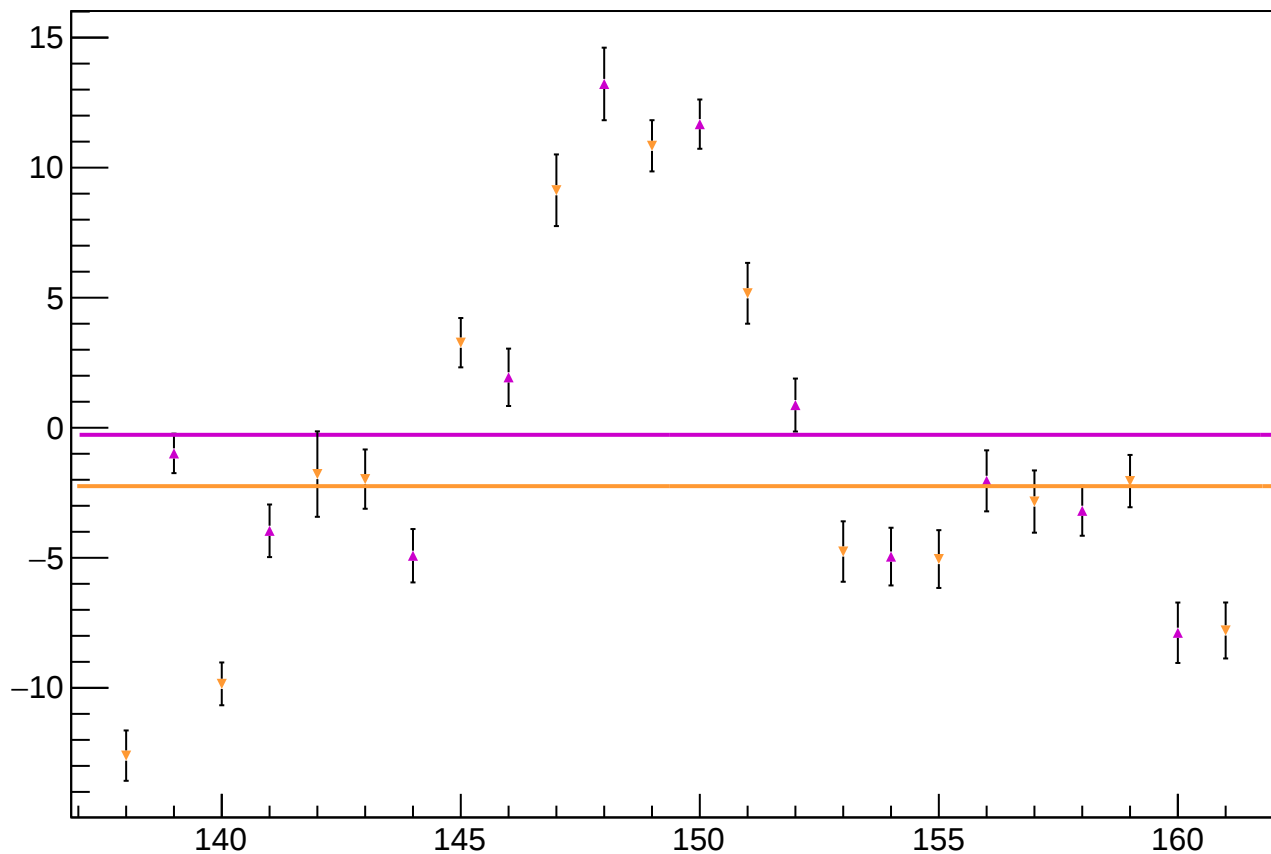
Right: -1.297 ± 0.033 $\chi^2/\text{NDF}: 1552.0/34$

In: -0.773 ± 0.023 $\chi^2/\text{NDF}: 1248.1/27$

Out: -0.756 ± 0.023 $\chi^2/\text{NDF}: 1663.2/30$

All: -0.764 ± 0.016 $\chi^2/\text{NDF}: 2911.5/58$

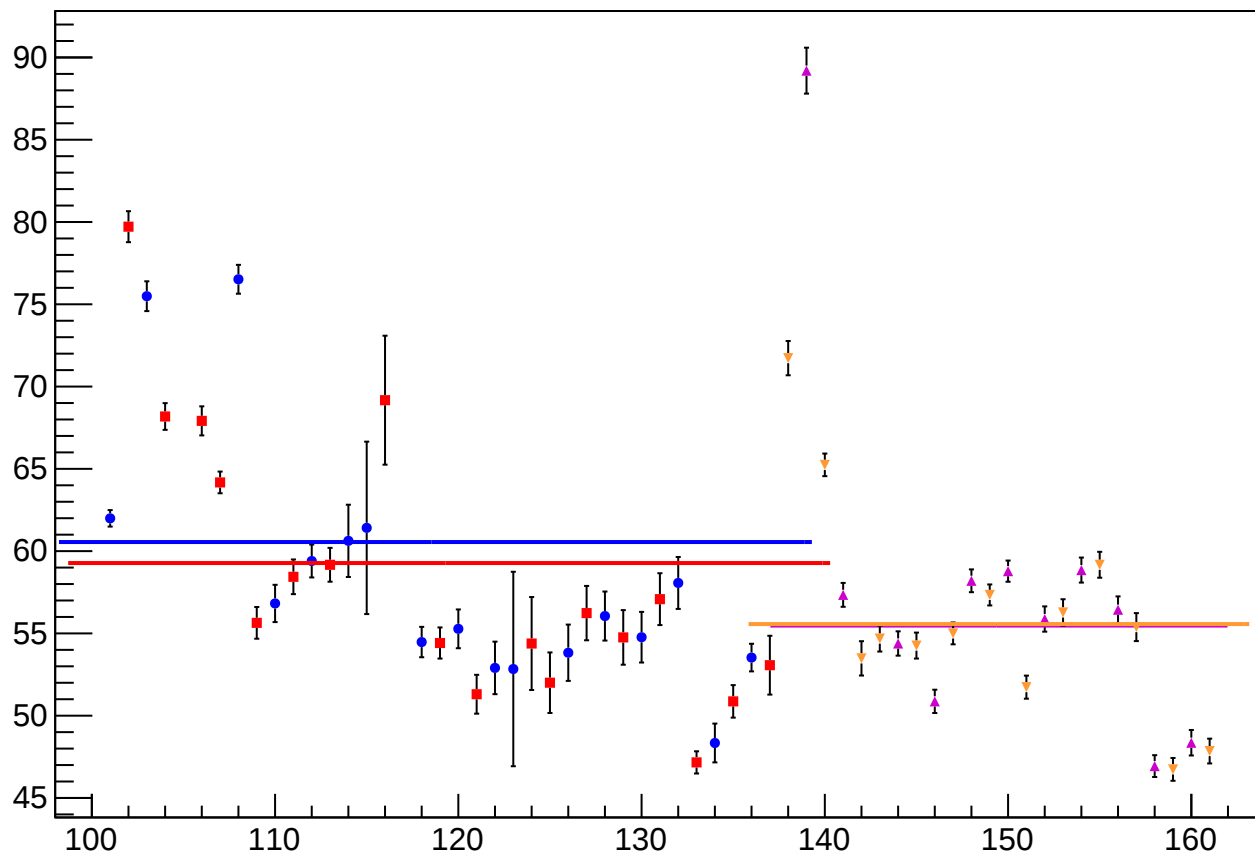
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.245+/-0.299 χ^2/NDF : 557.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.272+/-0.309 χ^2/NDF : 364.8/10

Left: -1.292+/-0.215 χ^2/NDF : 942.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.272+/-0.309 χ^2/NDF : 364.8/10
 Out: -2.245+/-0.299 χ^2/NDF : 557.0/12
 All: -1.292+/-0.215 χ^2/NDF : 942.9/23

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: 55.568 ± 0.212 $\chi^2/\text{NDF}: 774.5/12$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.476 ± 0.226 $\chi^2/\text{NDF}: 948.0/10$

Left: 55.525 ± 0.154 $\chi^2/\text{NDF}: 1722.6/23$

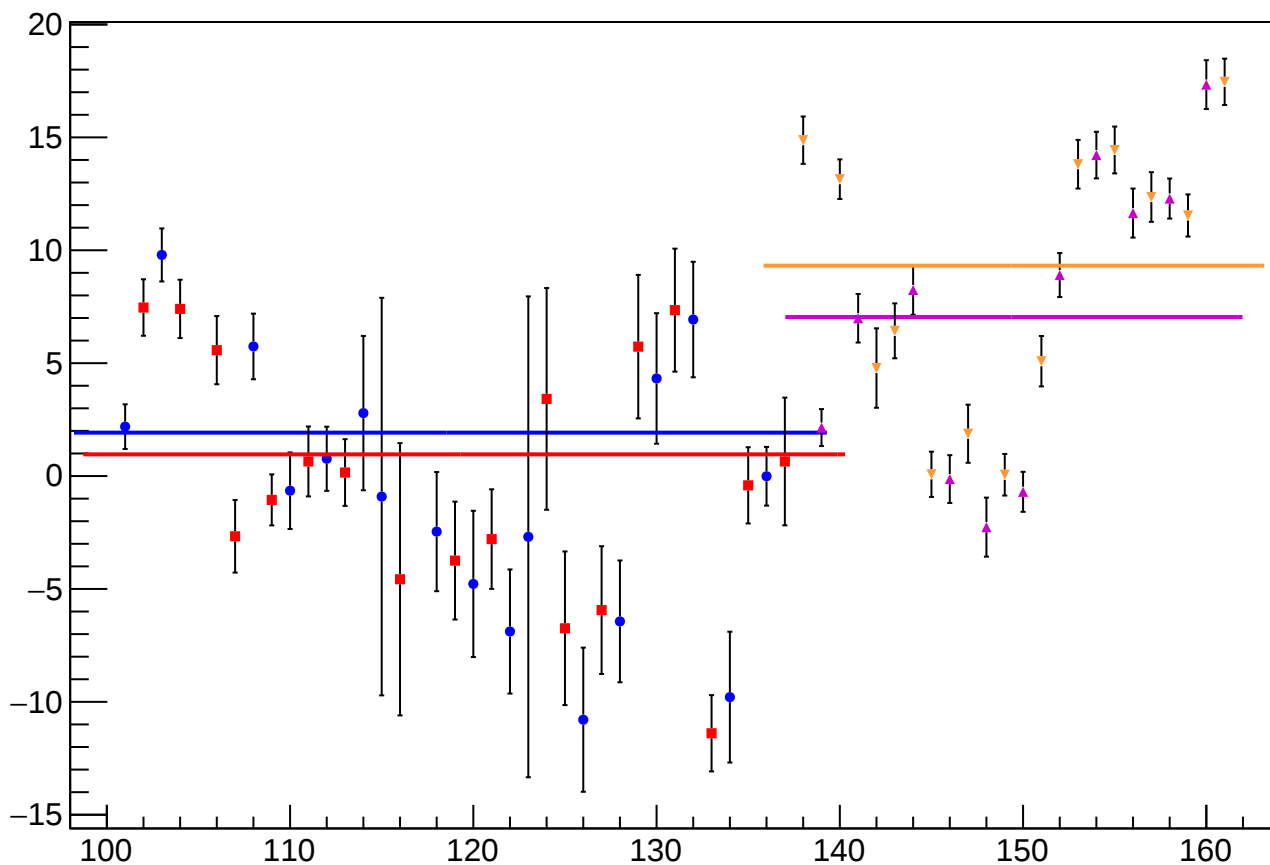
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.641 ± 0.171 $\chi^2/\text{NDF}: 2094.6/27$

Out: 57.124 ± 0.161 $\chi^2/\text{NDF}: 2178.1/30$

All: 57.367 ± 0.117 $\chi^2/\text{NDF}: 4277.6/58$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 9.319 ± 0.295 $\chi^2/\text{NDF}: 411.7/12$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 7.045 ± 0.303 $\chi^2/\text{NDF}: 405.7/10$

Left: 8.212 ± 0.211 $\chi^2/\text{NDF}: 846.3/23$

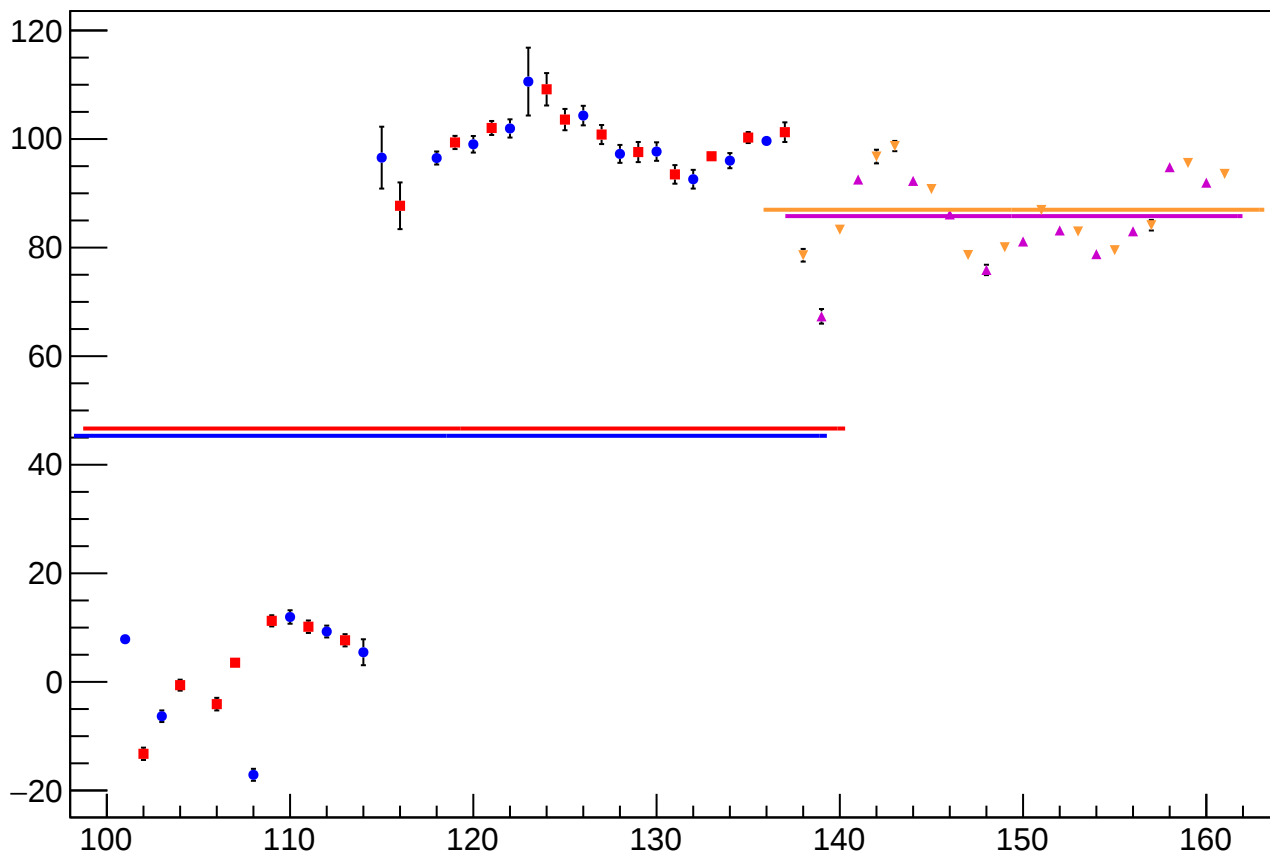
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 5.488 ± 0.253 $\chi^2/\text{NDF}: 613.7/27$

Out: 6.644 ± 0.243 $\chi^2/\text{NDF}: 819.0/30$

All: 6.089 ± 0.175 $\chi^2/\text{NDF}: 1443.6/58$

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: 86.976 $\pm$ 0.248 χ^2 /NDF: 772.6/12

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 85.801 $\pm$ 0.262 χ^2 /NDF: 752.1/10

Left: 86.421 $\pm$ 0.180 χ^2 /NDF: 1535.4/23

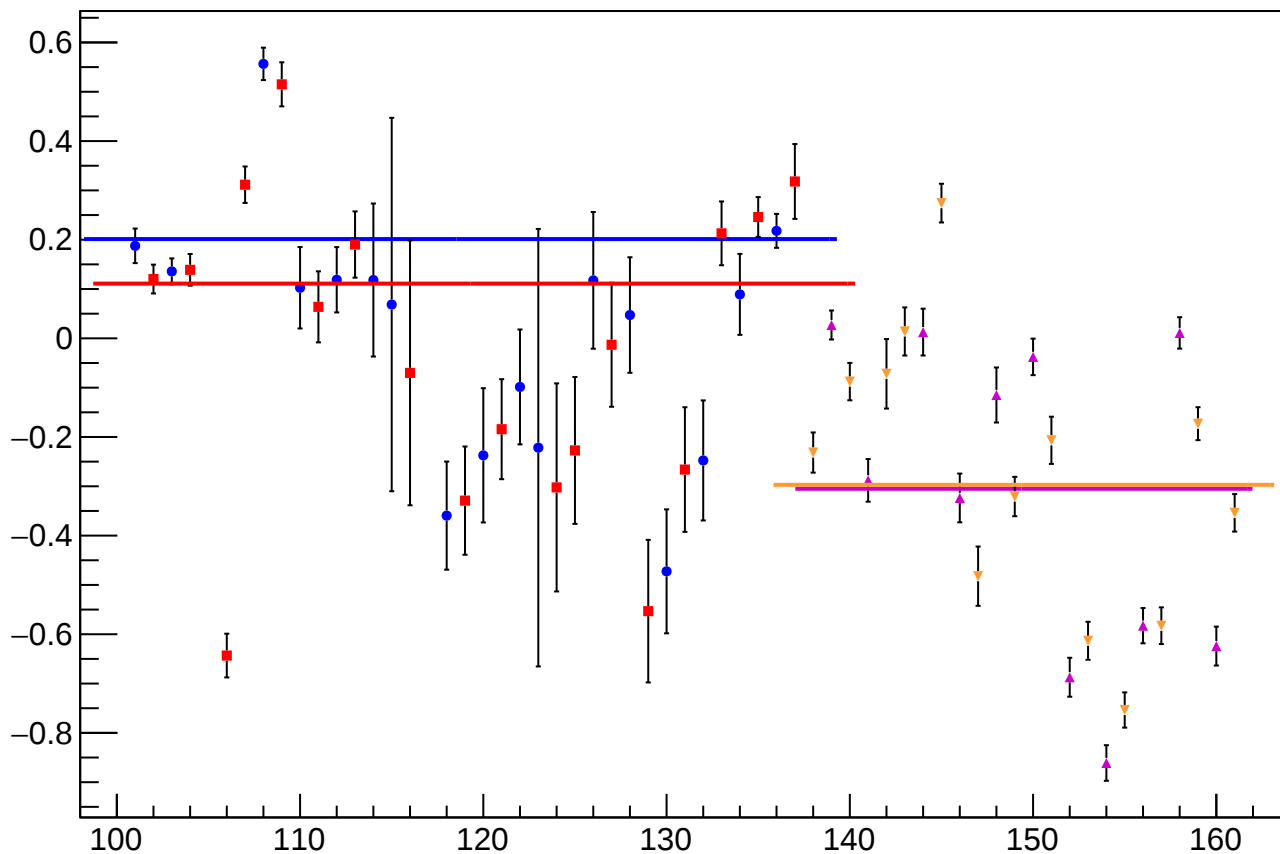
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 68.520 $\pm$ 0.198 χ^2 /NDF: 35940.8/27

Out: 70.008 $\pm$ 0.189 χ^2 /NDF: 39793.1/30

All: 69.301 $\pm$ 0.137 χ^2 /NDF: 75763.5/58

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.297 ± 0.011 $\chi^2/\text{NDF}: 614.7/12$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.305 ± 0.012 $\chi^2/\text{NDF}: 791.3/10$

Left: -0.301 ± 0.008 $\chi^2/\text{NDF}: 1406.3/23$

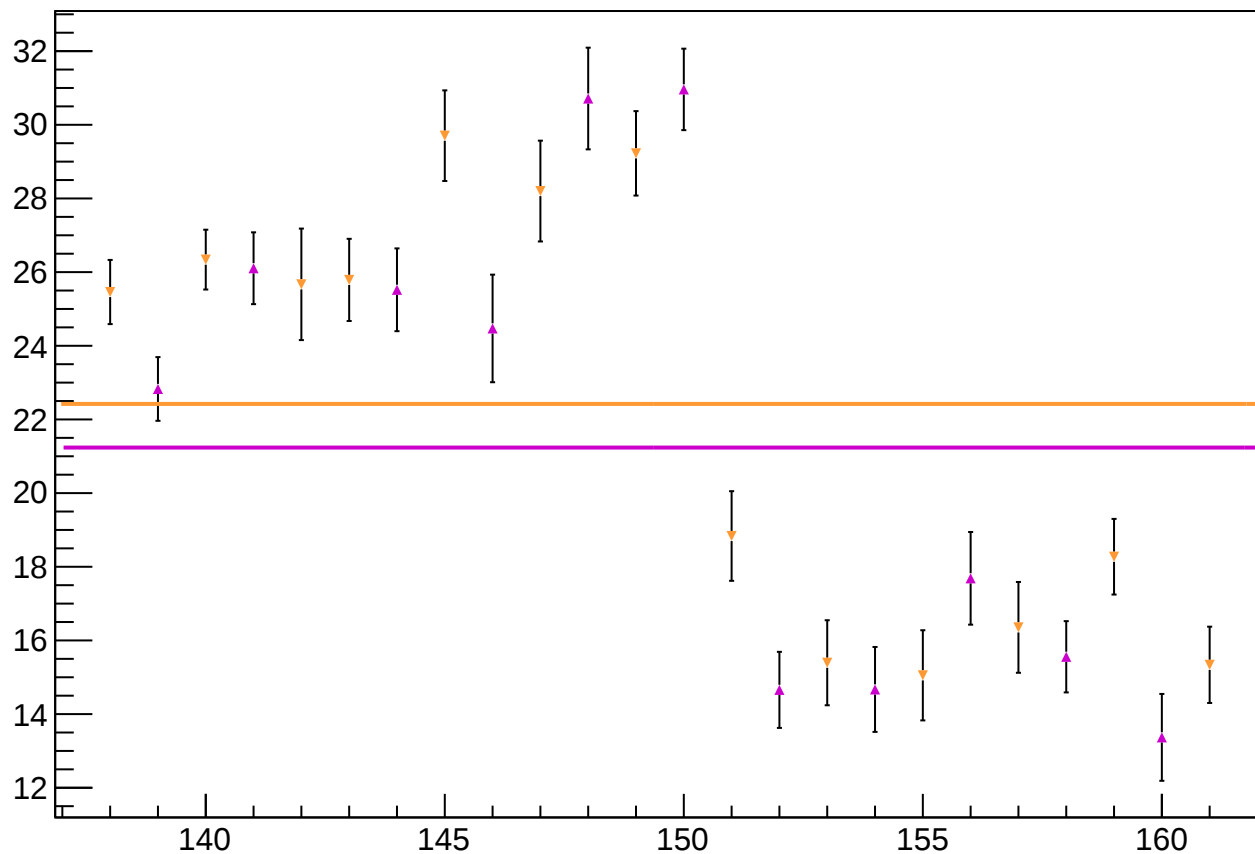
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: -0.099 ± 0.009 $\chi^2/\text{NDF}: 1780.6/27$

Out: -0.122 ± 0.009 $\chi^2/\text{NDF}: 1652.3/30$

All: -0.111 ± 0.006 $\chi^2/\text{NDF}: 3436.2/58$

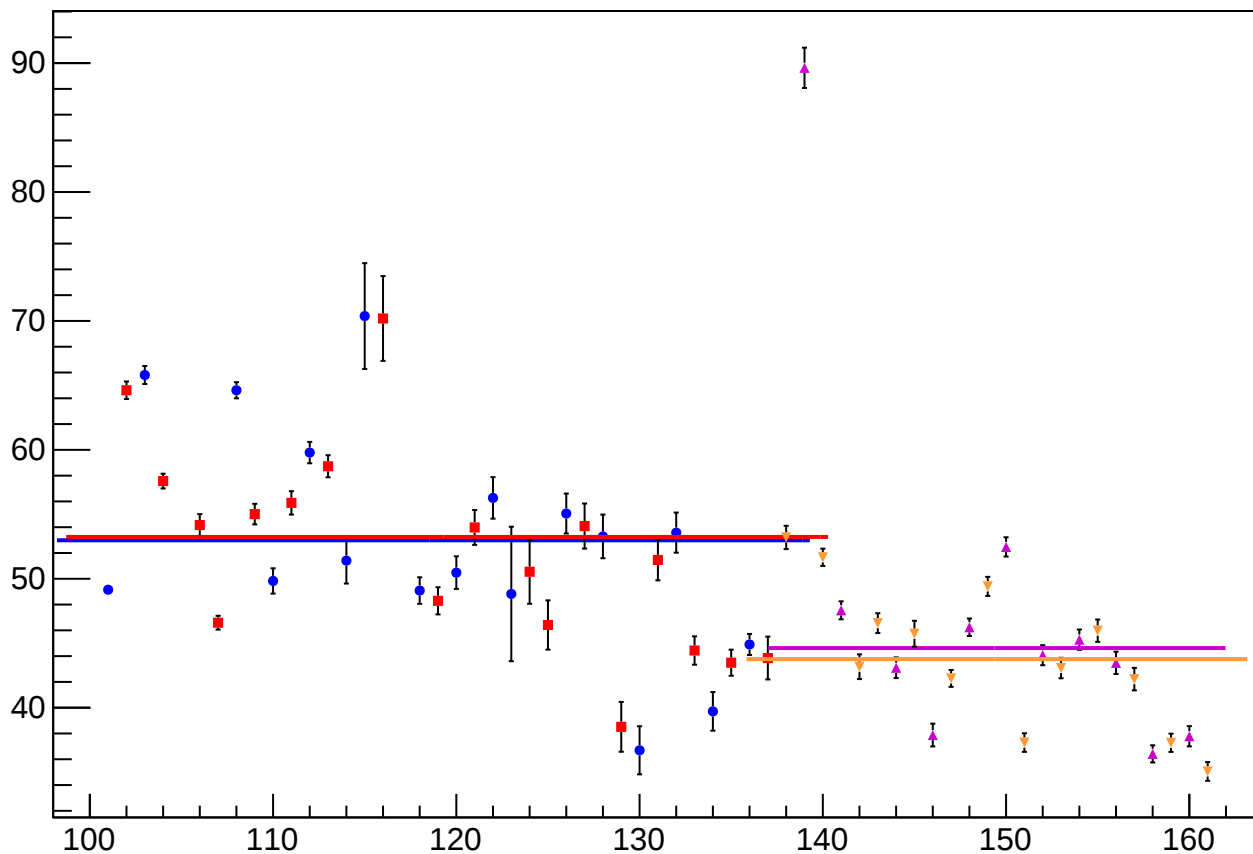
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.237+/-0.331 χ^2/NDF :332.2/10

Left: 21.876+/-0.225 χ^2/NDF : 645.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.237+/-0.331 χ^2/NDF :332.2/10
 Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 All: 21.876+/-0.225 χ^2/NDF : 645.6/23

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 ± 0.210 $\chi^2/\text{NDF}: 1197.9/16$

Left Out: 43.768 ± 0.216 $\chi^2/\text{NDF}: 647.5/12$

Right Out: 53.248 ± 0.227 $\chi^2/\text{NDF}: 856.4/17$

Left In: 44.626 ± 0.238 $\chi^2/\text{NDF}: 1254.3/10$

Left: 44.157 ± 0.160 $\chi^2/\text{NDF}: 1908.9/23$

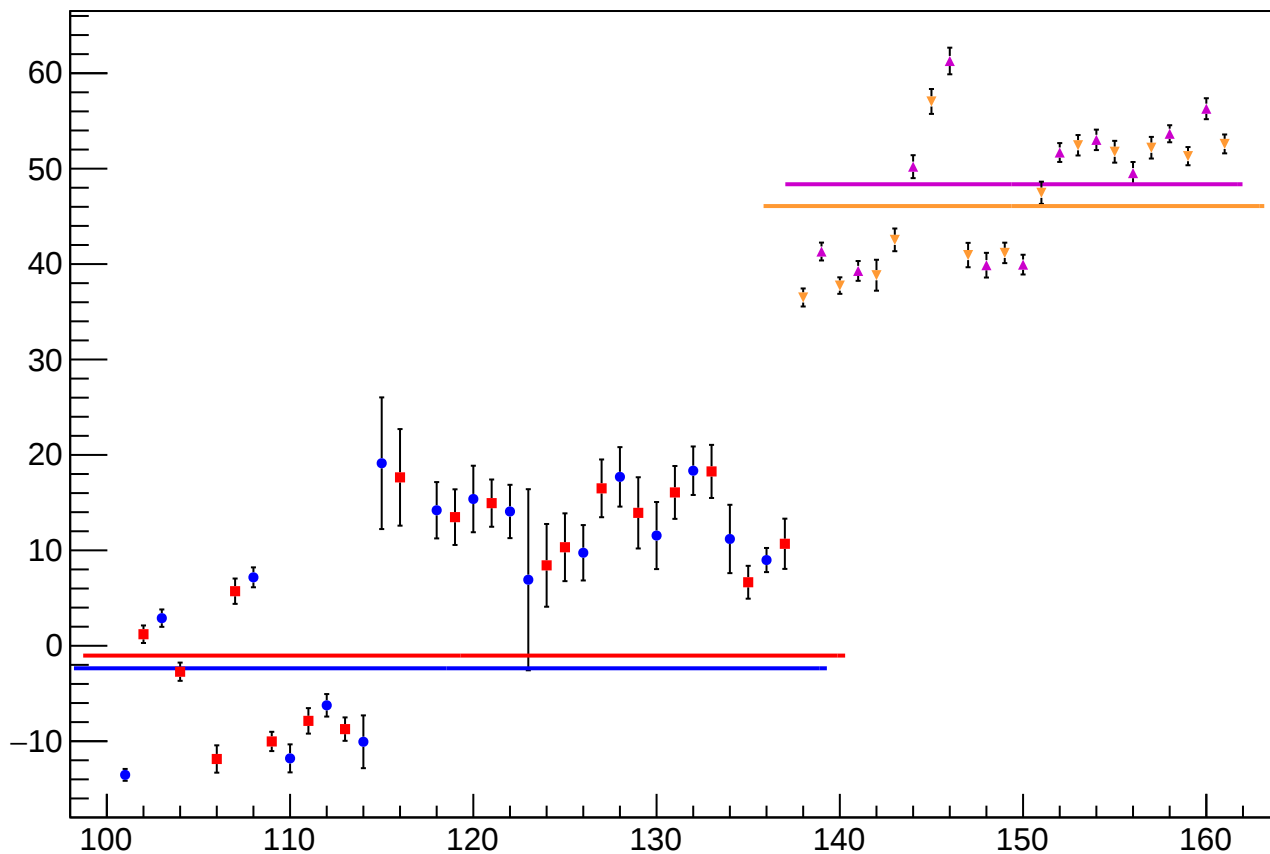
Right: 53.106 ± 0.154 $\chi^2/\text{NDF}: 2055.0/34$

In: 49.311 ± 0.157 $\chi^2/\text{NDF}: 3146.5/27$

Out: 48.267 ± 0.157 $\chi^2/\text{NDF}: 2417.2/30$

All: 48.786 ± 0.111 $\chi^2/\text{NDF}: 5585.7/58$

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: 46.080 ± 0.303 $\chi^2/\text{NDF}: 496.3/12$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 48.365 ± 0.324 $\chi^2/\text{NDF}: 449.1/10$

Left: 47.146 ± 0.221 $\chi^2/\text{NDF}: 971.9/23$

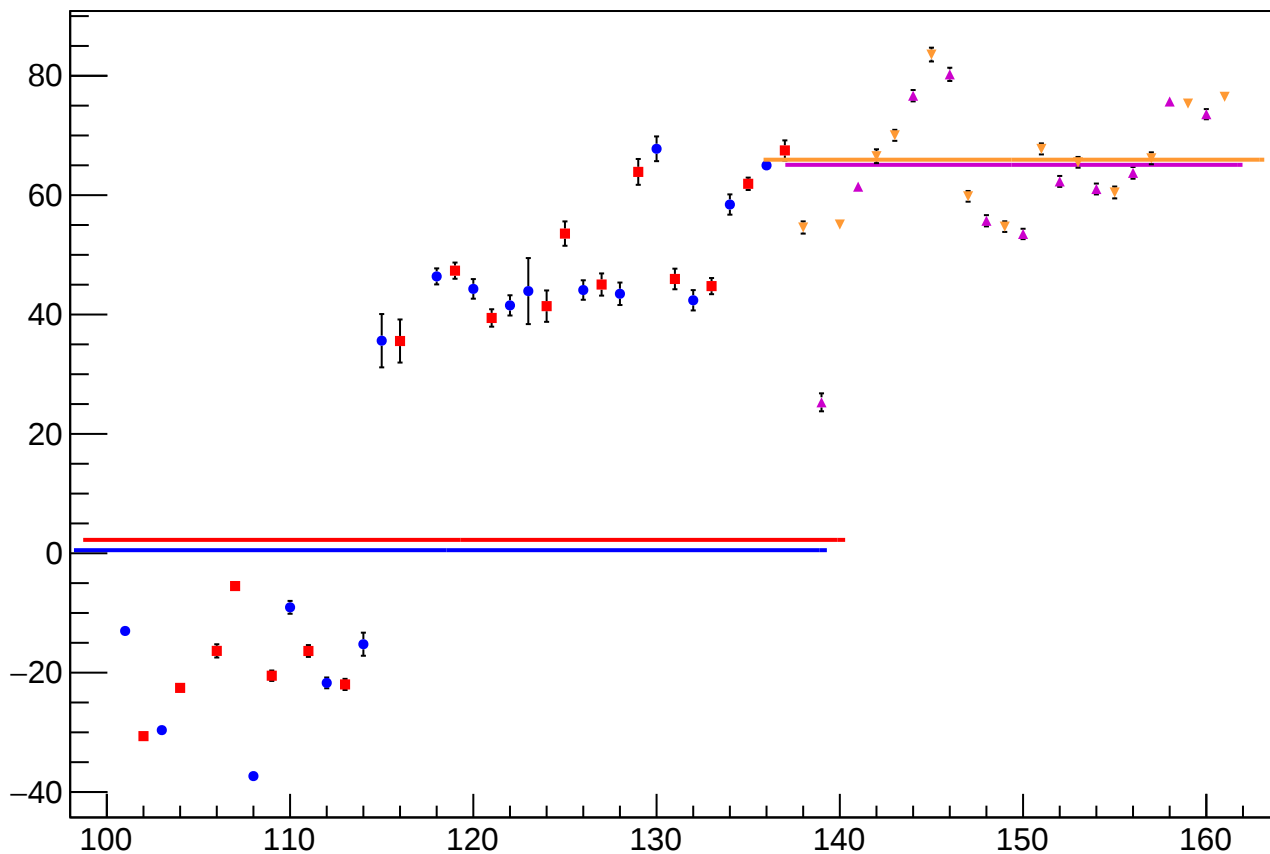
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 25.948 ± 0.242 $\chi^2/\text{NDF}: 12116.3/27$

Out: 27.783 ± 0.237 $\chi^2/\text{NDF}: 10390.8/30$

All: 26.885 ± 0.169 $\chi^2/\text{NDF}: 22536.5/58$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 65.942+/-0.254 χ^2/NDF :1140.1/12

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 65.081+/-0.277 χ^2/NDF :1687.8/10

Left: 65.548+/-0.187 χ^2/NDF : 2833.2/23

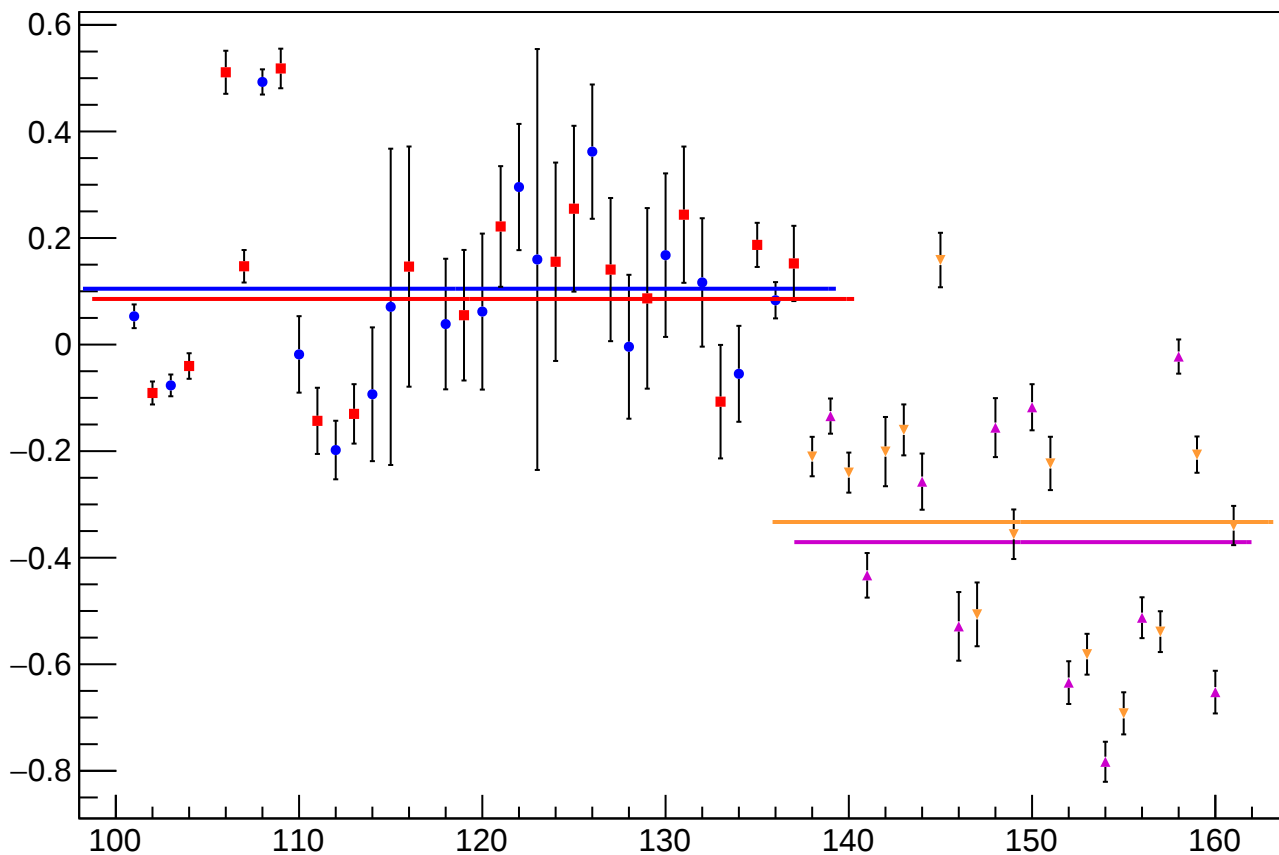
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 29.148+/-0.184 χ^2/NDF :50389.8/27

Out: 35.755+/-0.184 χ^2/NDF :46366.1/30

All: 32.454+/-0.130 χ^2/NDF : 97399.4/58

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: -0.333 ± 0.012 $\chi^2/\text{NDF}: 307.4/12$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.371 ± 0.012 $\chi^2/\text{NDF}: 457.9/10$

Left: -0.351 ± 0.009 $\chi^2/\text{NDF}: 770.3/23$

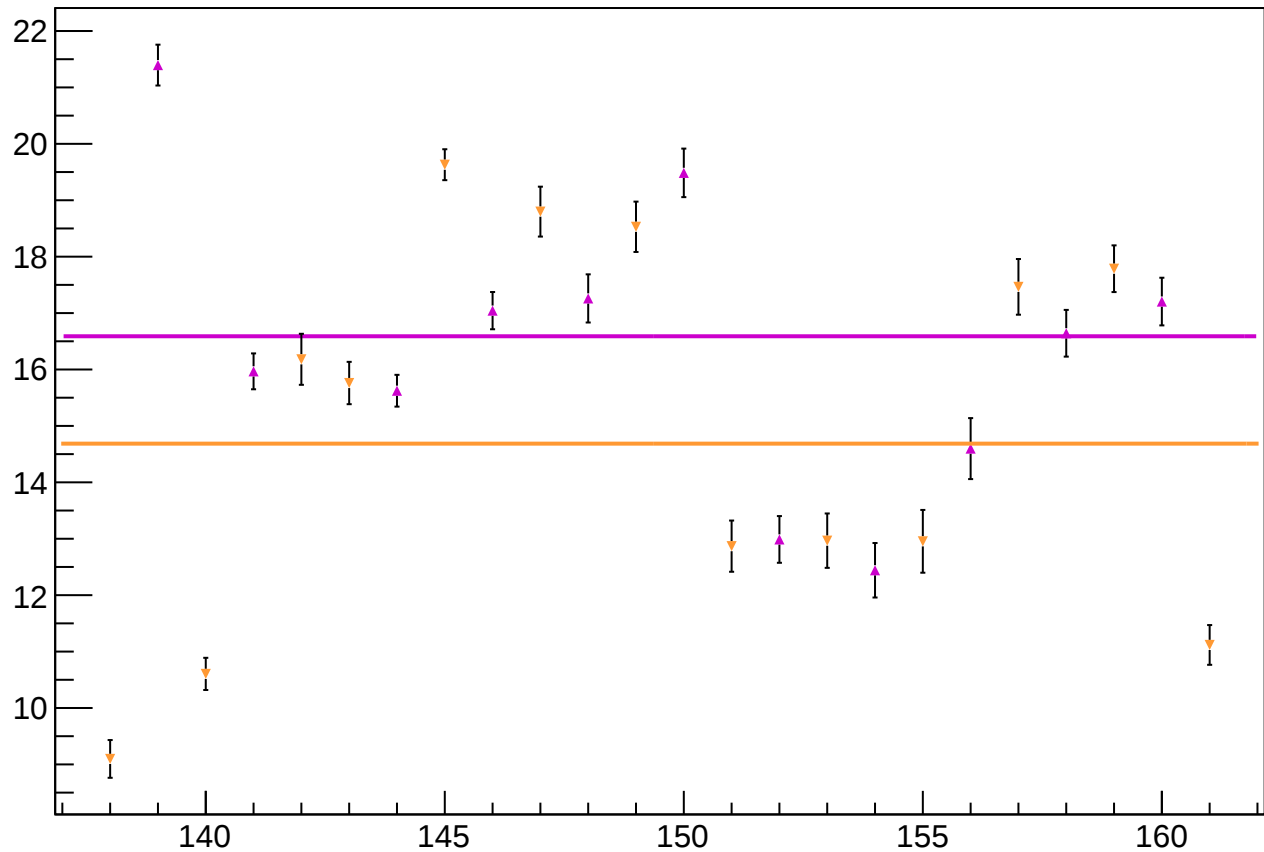
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.106 ± 0.008 $\chi^2/\text{NDF}: 1683.1/27$

Out: -0.111 ± 0.008 $\chi^2/\text{NDF}: 1367.1/30$

All: -0.109 ± 0.006 $\chi^2/\text{NDF}: 3050.4/58$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.686+/-0.107 χ^2/NDF :1217.6/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.589+/-0.115 χ^2/NDF :406.6/10

Left: 15.568+/-0.079 χ^2/NDF : 1770.4/23

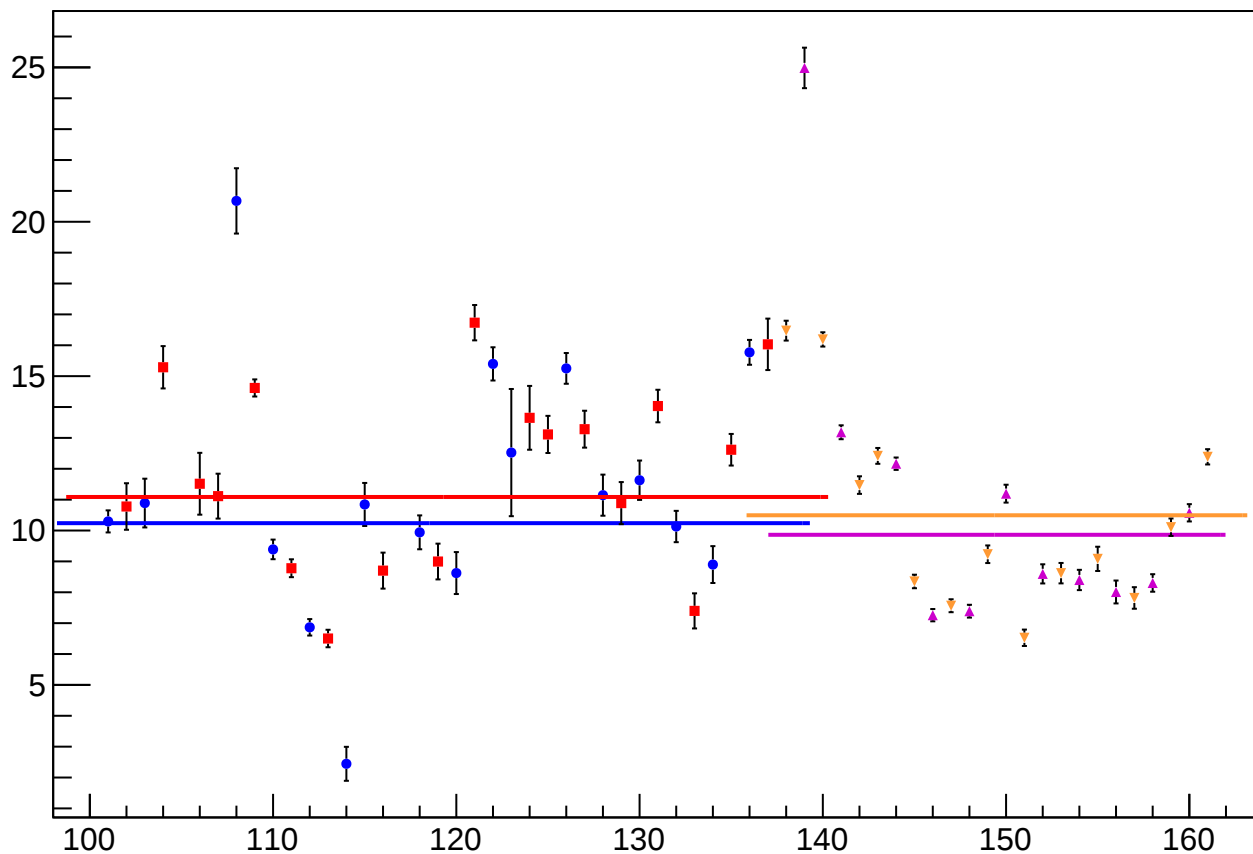
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.589+/-0.115 χ^2/NDF :406.6/10

Out: 14.686+/-0.107 χ^2/NDF :1217.6/12

All: 15.568+/-0.079 χ^2/NDF : 1770.4/23

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: 10.494 ± 0.075 $\chi^2/\text{NDF}: 1717.4/12$

Right Out: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 9.862 ± 0.079 $\chi^2/\text{NDF}: 1312.9/10$

Left: 10.196 ± 0.054 $\chi^2/\text{NDF}: 3064.0/23$

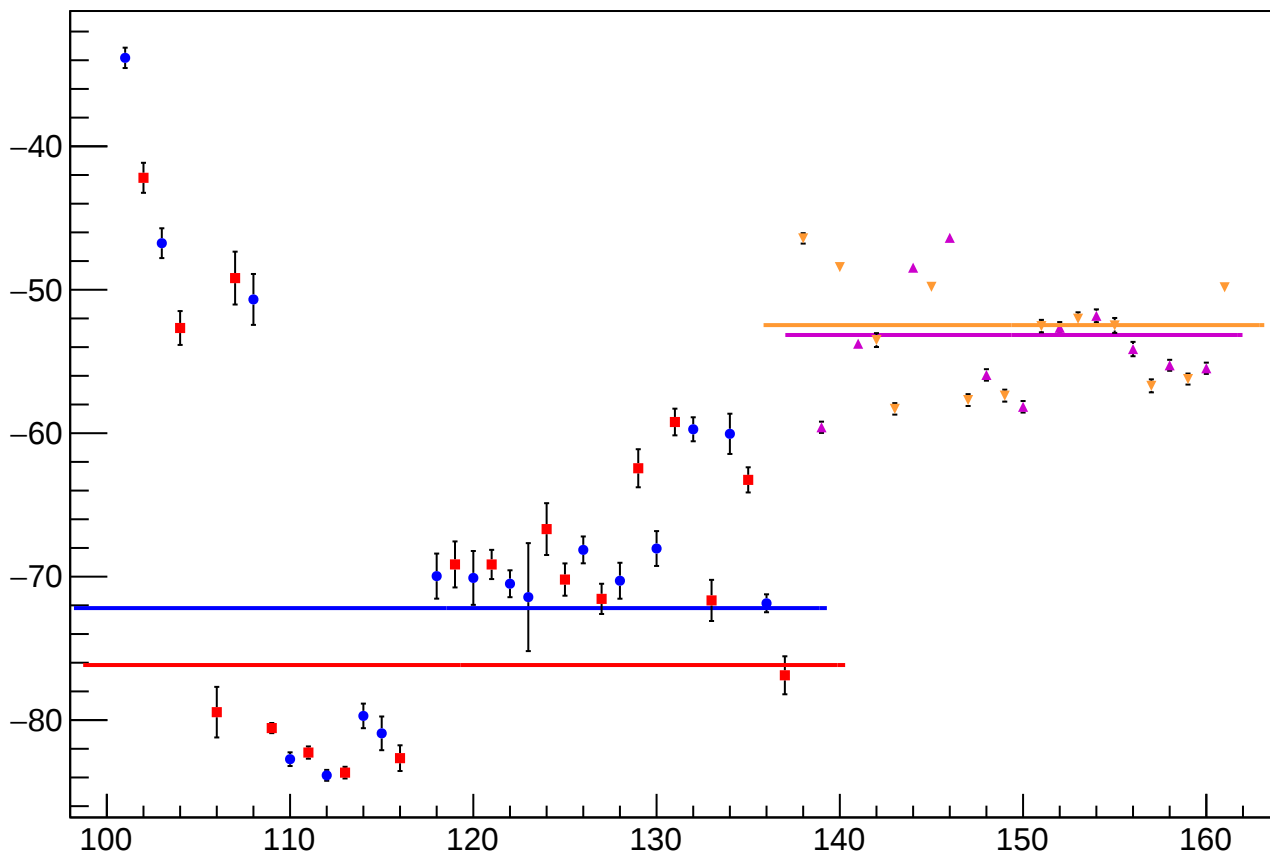
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 9.977 ± 0.066 $\chi^2/\text{NDF}: 2187.3/27$

Out: 10.667 ± 0.063 $\chi^2/\text{NDF}: 2536.7/30$

All: 10.338 ± 0.046 $\chi^2/\text{NDF}: 4781.3/58$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -52.464 ± 0.107 $\chi^2/\text{NDF}: 1299.9/12$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -53.153 ± 0.114 $\chi^2/\text{NDF}: 1255.4/10$

Left: -52.789 ± 0.078 $\chi^2/\text{NDF}: 2574.7/23$

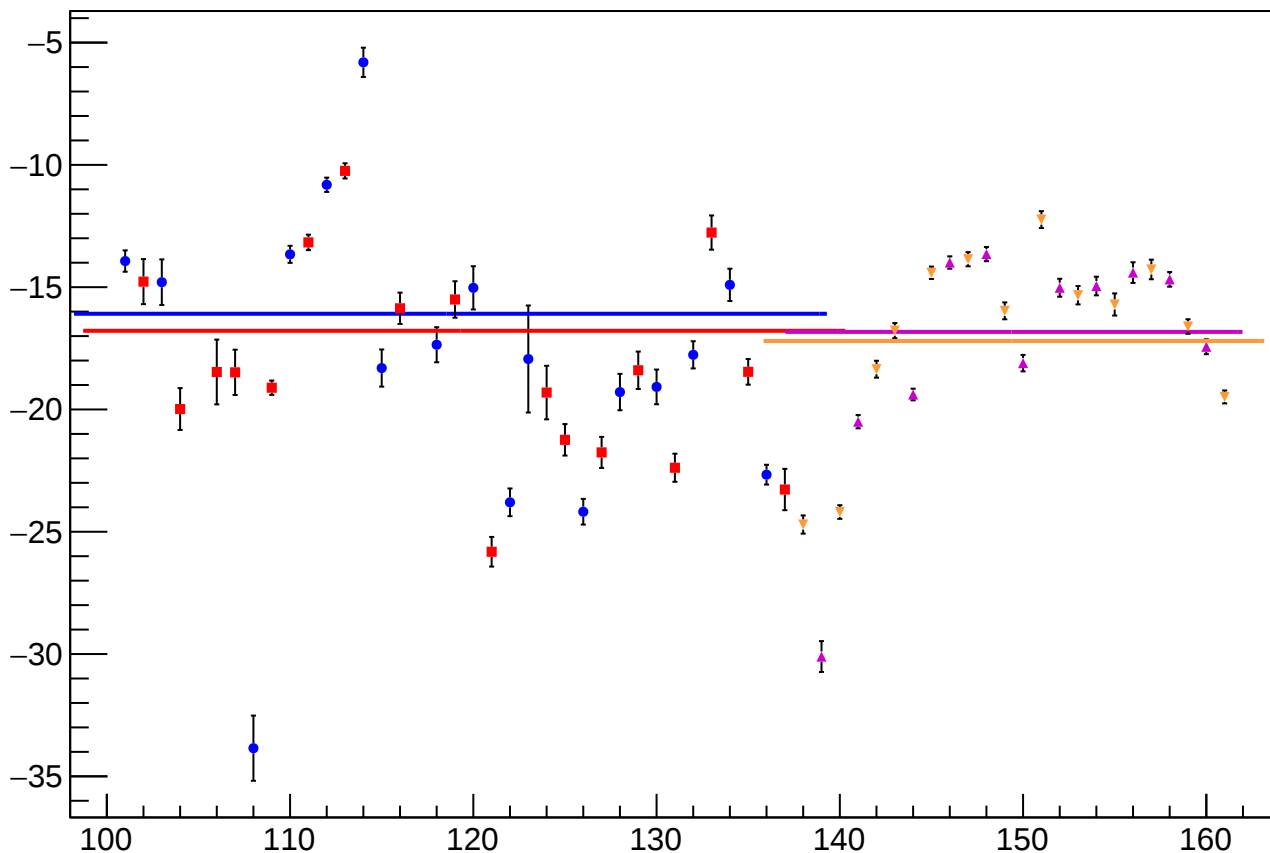
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -57.872 ± 0.099 $\chi^2/\text{NDF}: 13763.0/27$

Out: -58.624 ± 0.092 $\chi^2/\text{NDF}: 17175.8/30$

All: -58.273 ± 0.067 $\chi^2/\text{NDF}: 30969.8/58$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -17.200 ± 0.089 $\chi^2/\text{NDF}: 1686.5/12$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -16.828 ± 0.095 $\chi^2/\text{NDF}: 1136.4/10$

Left: -17.026 ± 0.065 $\chi^2/\text{NDF}: 2831.1/23$

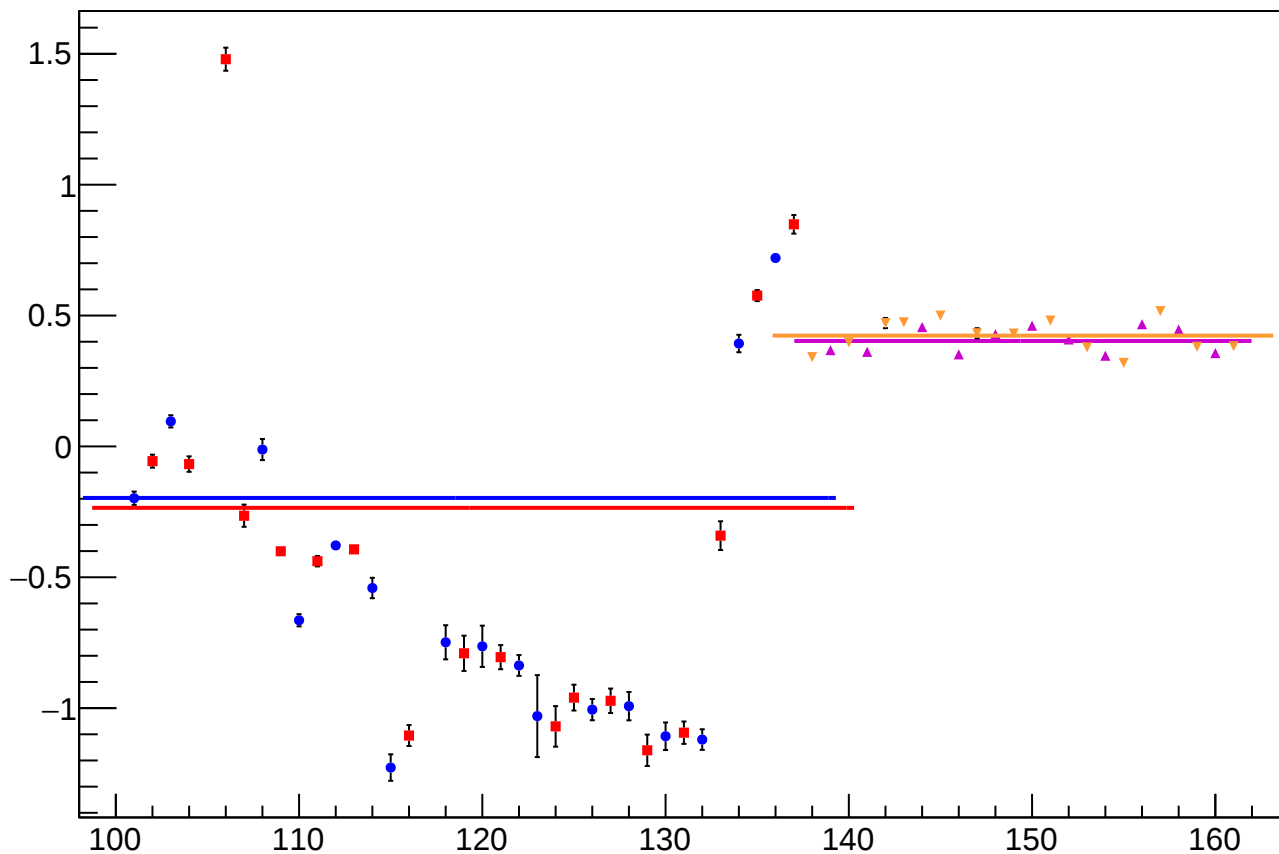
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -16.578 ± 0.077 $\chi^2/\text{NDF}: 2778.9/27$

Out: -17.065 ± 0.073 $\chi^2/\text{NDF}: 2898.1/30$

All: -16.834 ± 0.053 $\chi^2/\text{NDF}: 5698.0/58$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.423 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.403 ± 0.004 χ^2/NDF : 106.9/10

Left: 0.414 ± 0.003 χ^2/NDF : 323.1/23

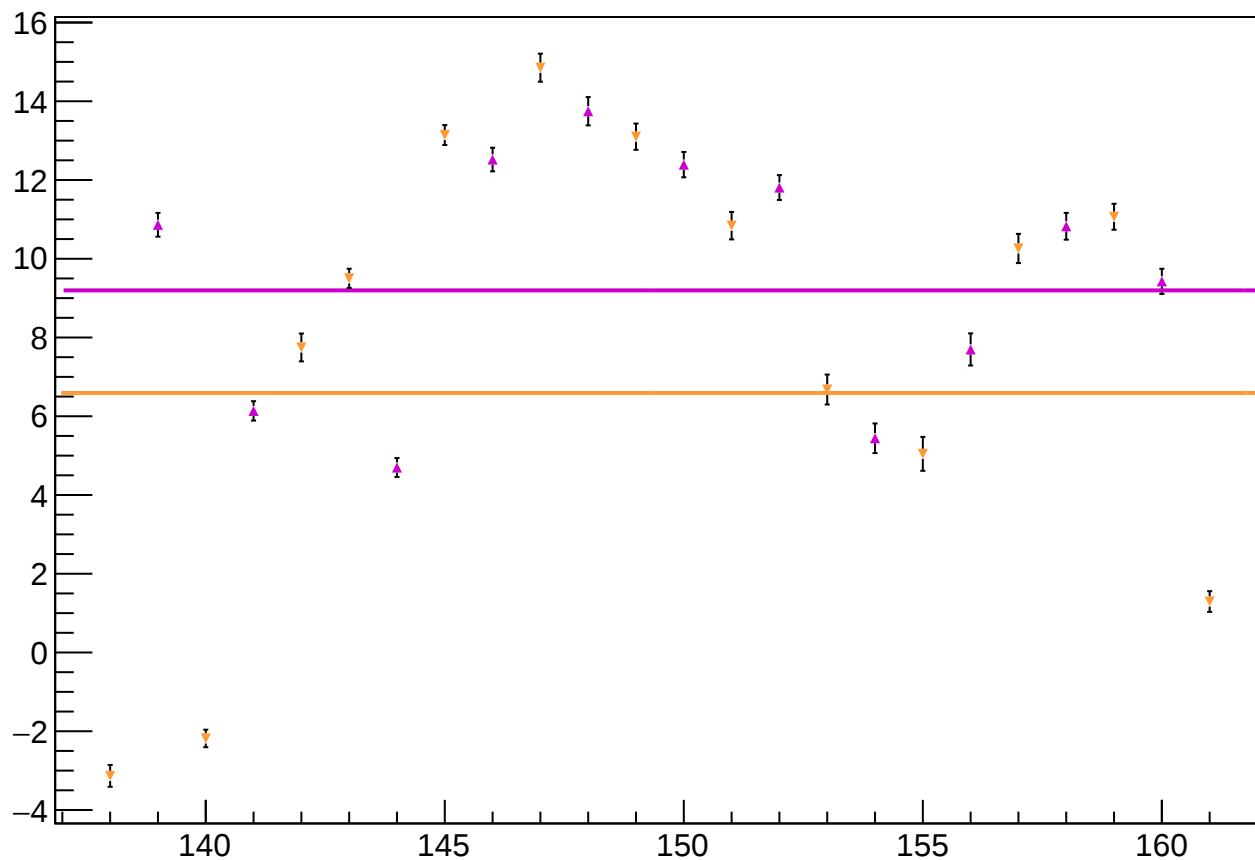
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.246 ± 0.004 χ^2/NDF : 11099.9/27

Out: 0.254 ± 0.004 χ^2/NDF : 12635.0/30

All: 0.250 ± 0.003 χ^2/NDF : 23737.2/58

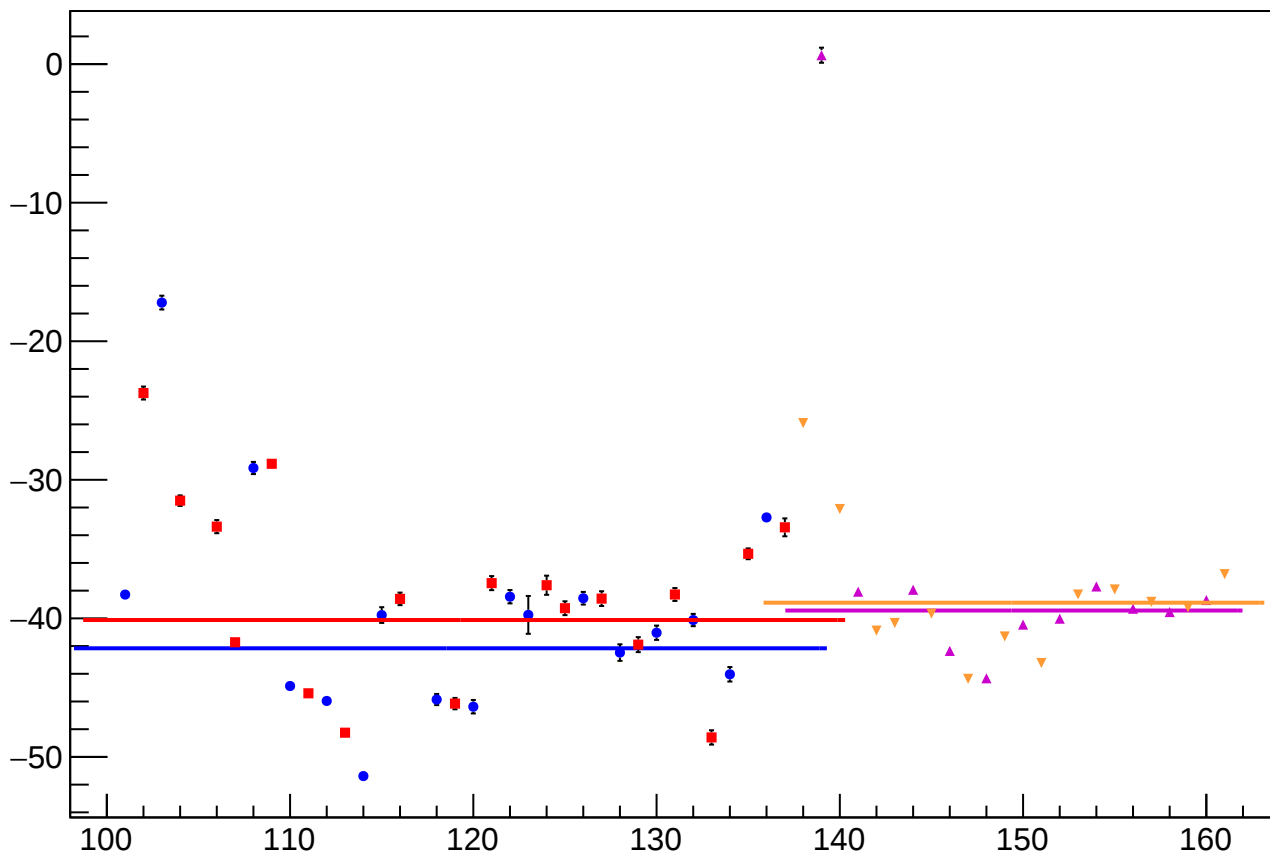
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.592+/-0.084 χ^2/NDF :5373.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.196+/-0.093 χ^2/NDF :1121.9/10

Left: 7.757+/-0.062 χ^2/NDF : 6925.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.196+/-0.093 χ^2/NDF :1121.9/10
 Out: 6.592+/-0.084 χ^2/NDF :5373.3/12
 All: 7.757+/-0.062 χ^2/NDF : 6925.9/23

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.869 ± 0.058 $\chi^2/\text{NDF}: 5650.9/12$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -39.435 ± 0.065 $\chi^2/\text{NDF}: 6657.5/10$

Left: -39.124 ± 0.043 $\chi^2/\text{NDF}: 12350.5/23$

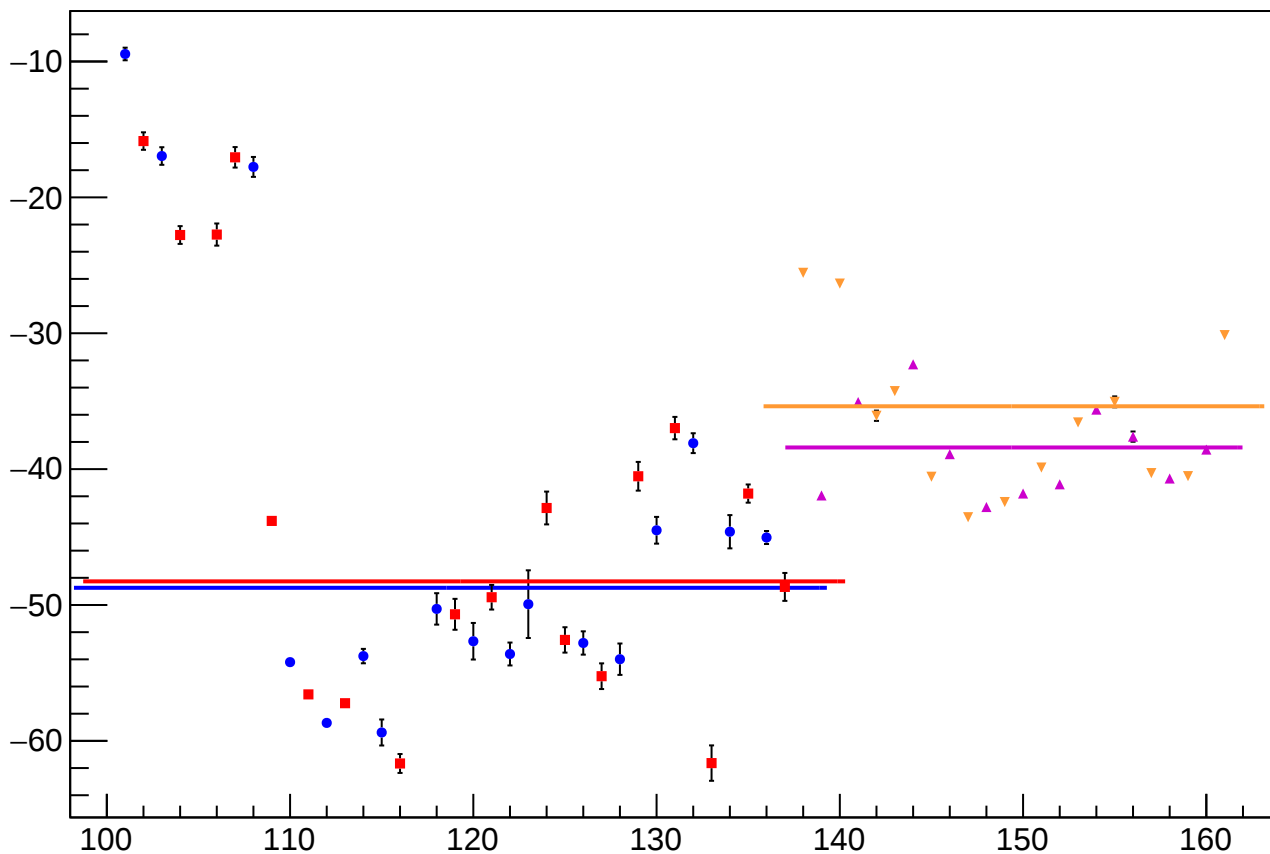
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.547 ± 0.050 $\chi^2/\text{NDF}: 13952.1/27$

Out: -39.359 ± 0.046 $\chi^2/\text{NDF}: 16714.7/30$

All: -39.901 ± 0.034 $\chi^2/\text{NDF}: 30976.7/58$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.375 ± 0.084 $\chi^2/\text{NDF}: 5140.1/12$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -38.406 ± 0.092 $\chi^2/\text{NDF}: 1346.5/10$

Left: -36.755 ± 0.062 $\chi^2/\text{NDF}: 7080.5/23$

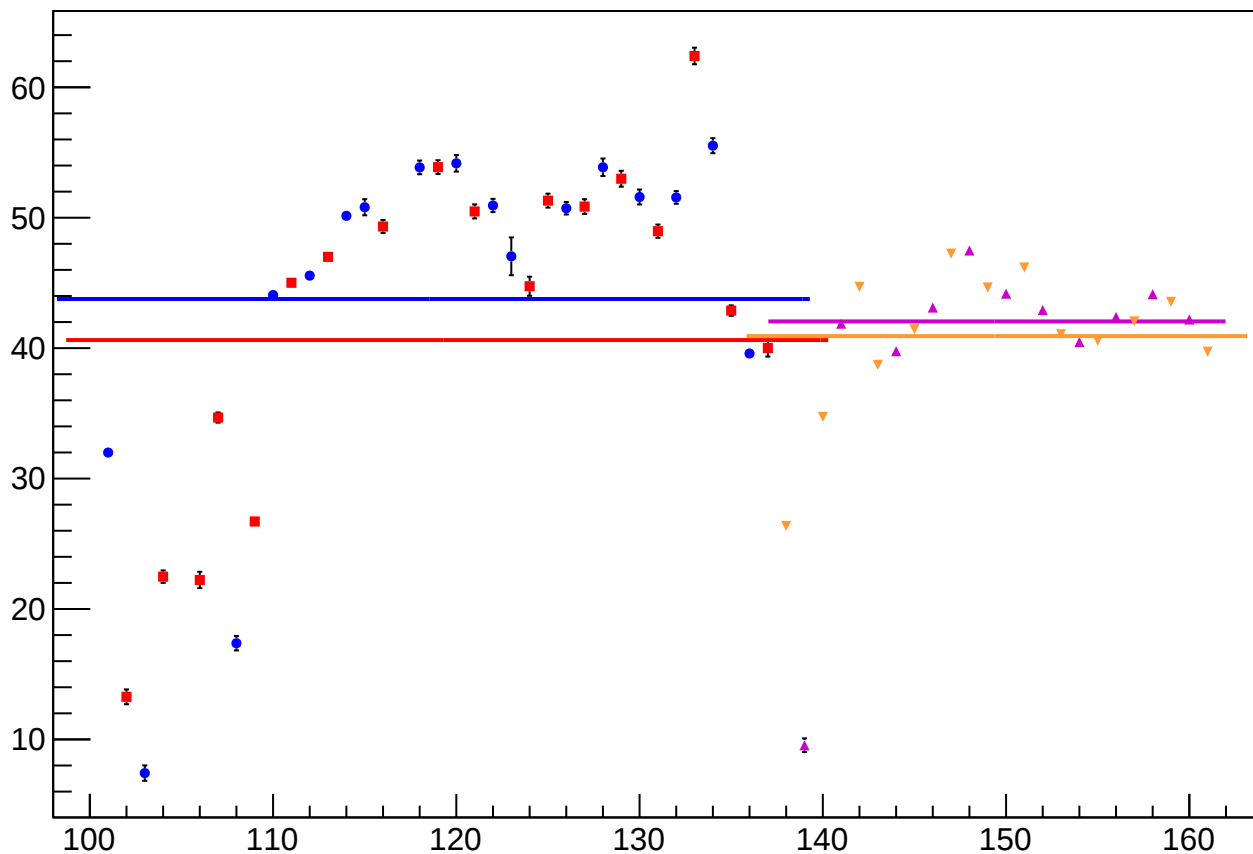
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -42.037 ± 0.074 $\chi^2/\text{NDF}: 20454.2/27$

Out: -40.257 ± 0.066 $\chi^2/\text{NDF}: 25166.4/30$

All: -41.048 ± 0.049 $\chi^2/\text{NDF}: 45942.4/58$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 $\chi^2/\text{NDF}: 10633.5/16$

Left Out: 40.923 ± 0.069 $\chi^2/\text{NDF}: 4824.0/12$

Right Out: 40.620 ± 0.080 $\chi^2/\text{NDF}: 16957.4/17$

Left In: 42.048 ± 0.077 $\chi^2/\text{NDF}: 4665.4/10$

Left: 41.429 ± 0.051 $\chi^2/\text{NDF}: 9608.3/23$

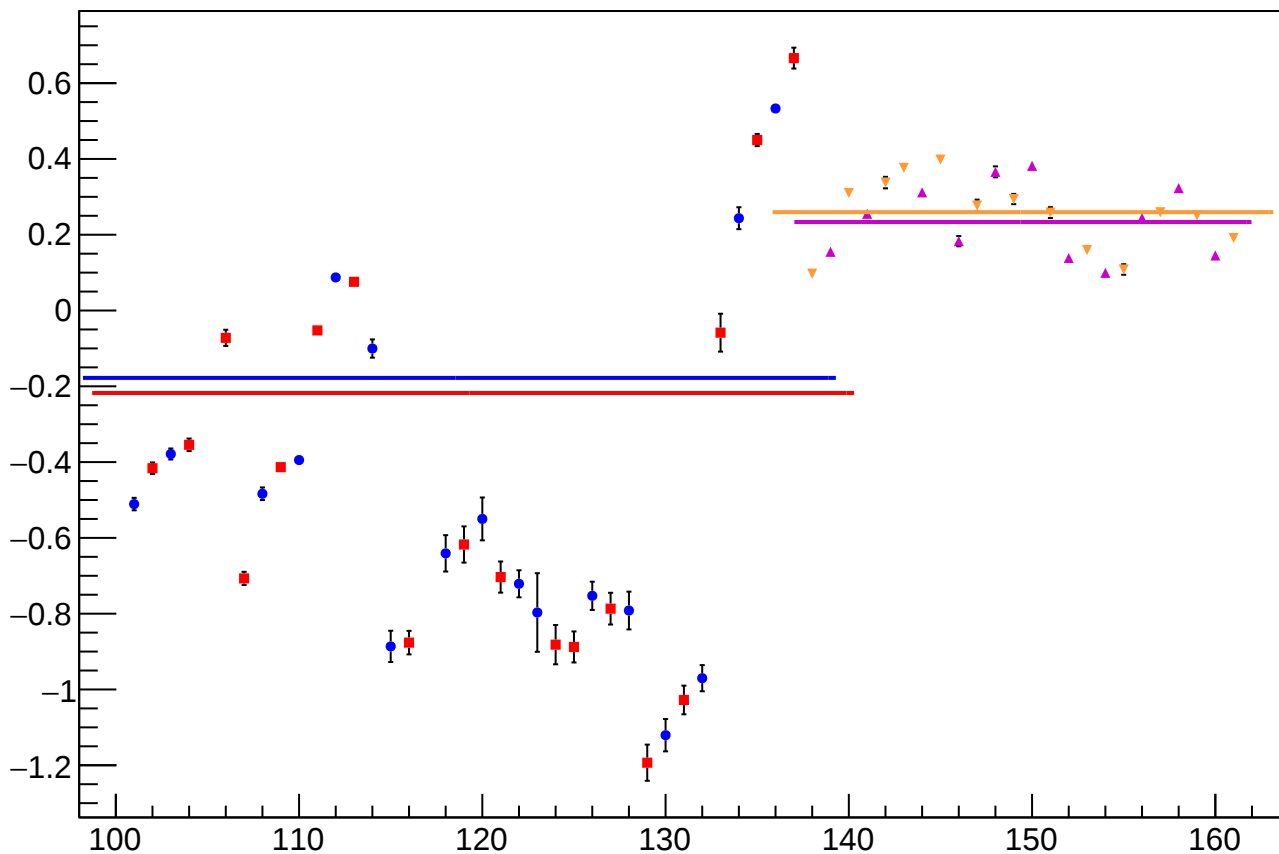
Right: 42.070 ± 0.059 $\chi^2/\text{NDF}: 28299.2/34$

In: 42.801 ± 0.057 $\chi^2/\text{NDF}: 15519.2/27$

Out: 40.794 ± 0.052 $\chi^2/\text{NDF}: 21789.5/30$

All: 41.706 ± 0.039 $\chi^2/\text{NDF}: 37974.9/58$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.260 ± 0.003 χ^2/NDF : 775.8/12

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.234 ± 0.004 χ^2/NDF : 644.9/10

Left: 0.248 ± 0.002 χ^2/NDF : 1449.2/23

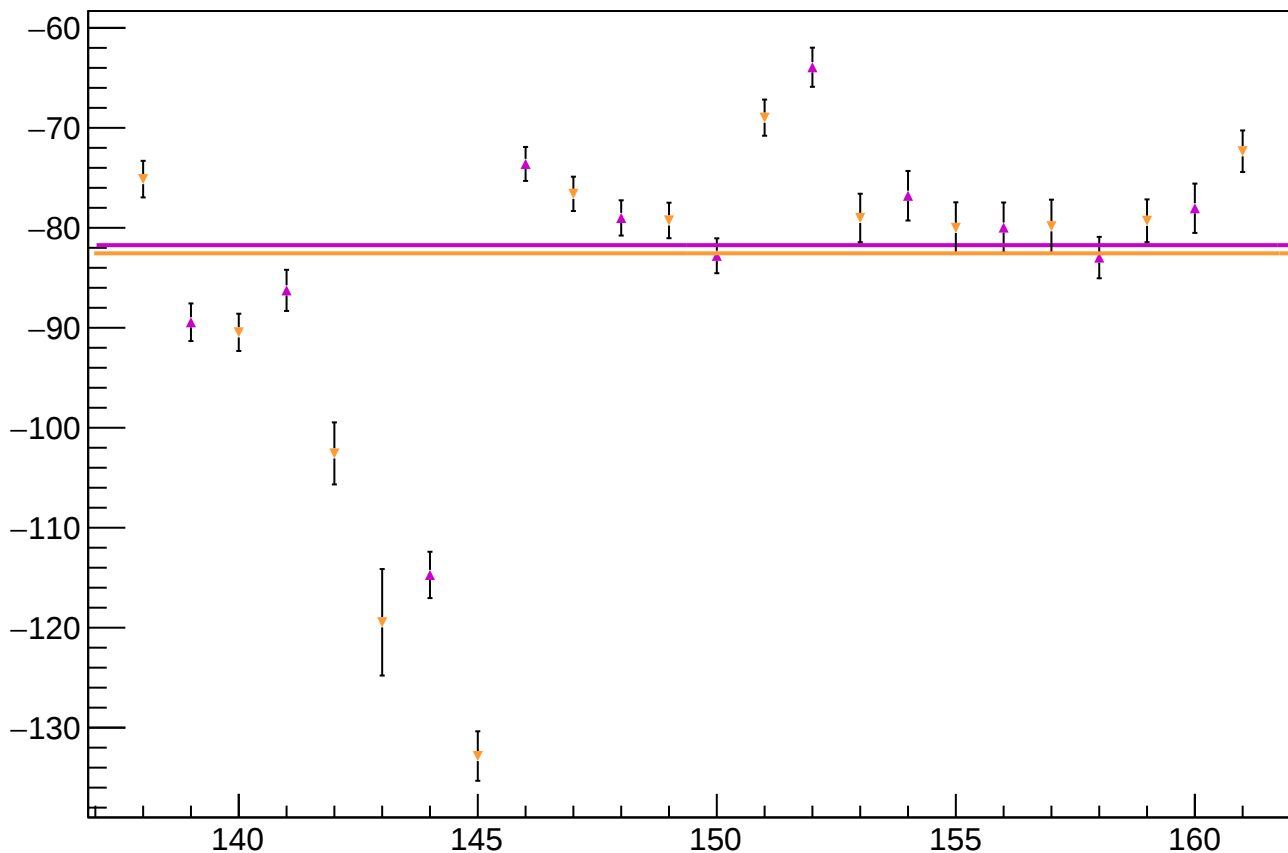
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.087 ± 0.003 χ^2/NDF : 12657.2/27

Out: 0.083 ± 0.003 χ^2/NDF : 15952.7/30

All: 0.085 ± 0.002 χ^2/NDF : 28610.8/58

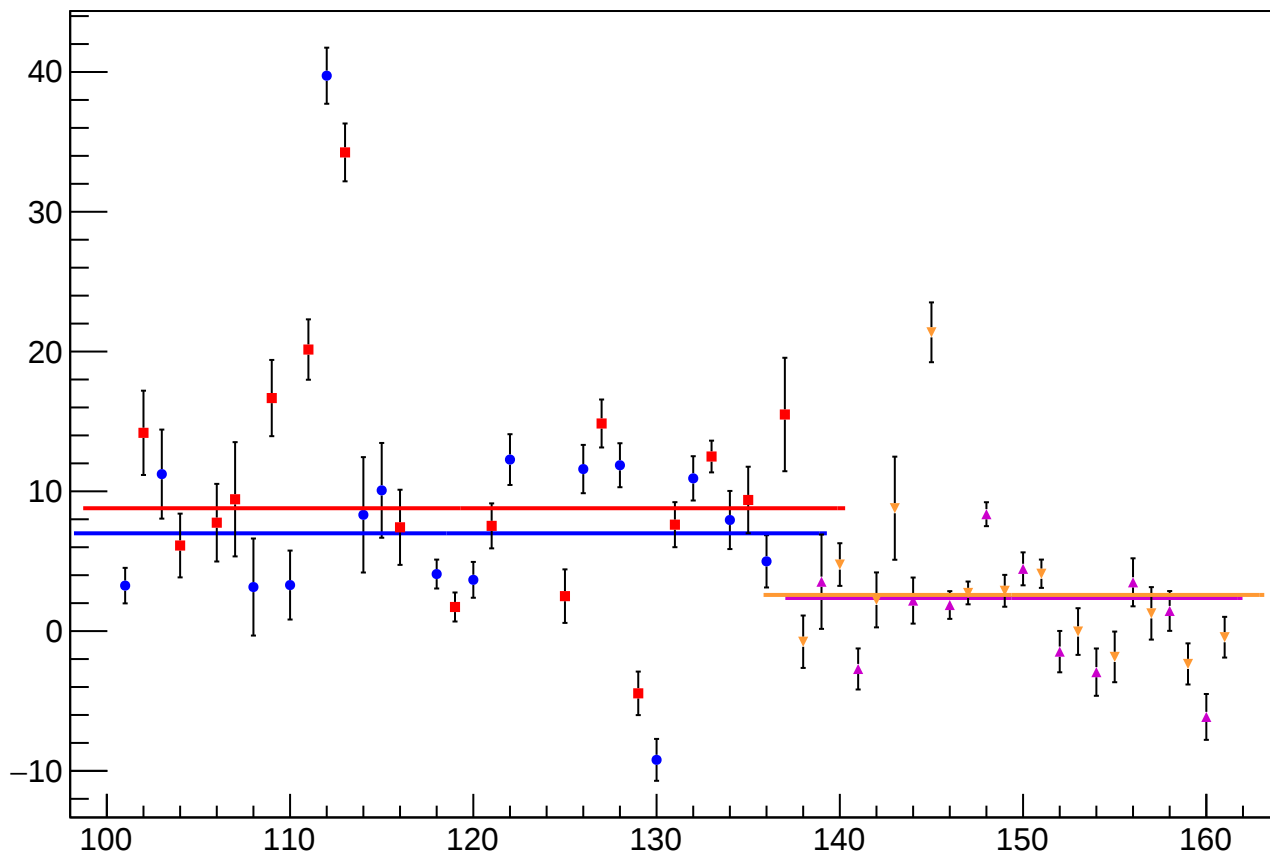
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -82.550+/-0.601 χ^2/NDF : 639.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -81.734+/-0.611 χ^2/NDF : 339.6/10

Left: -82.148+/-0.429 χ^2/NDF : 979.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -81.734+/-0.611 χ^2/NDF : 339.6/10
 Out: -82.550+/-0.601 χ^2/NDF : 639.0/12
 All: -82.148+/-0.429 χ^2/NDF : 979.5/23

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.588 ± 0.395 $\chi^2/\text{NDF}: 112.0/12$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.369 ± 0.407 $\chi^2/\text{NDF}: 108.8/10$

Left: 2.482 ± 0.284 $\chi^2/\text{NDF}: 221.0/23$

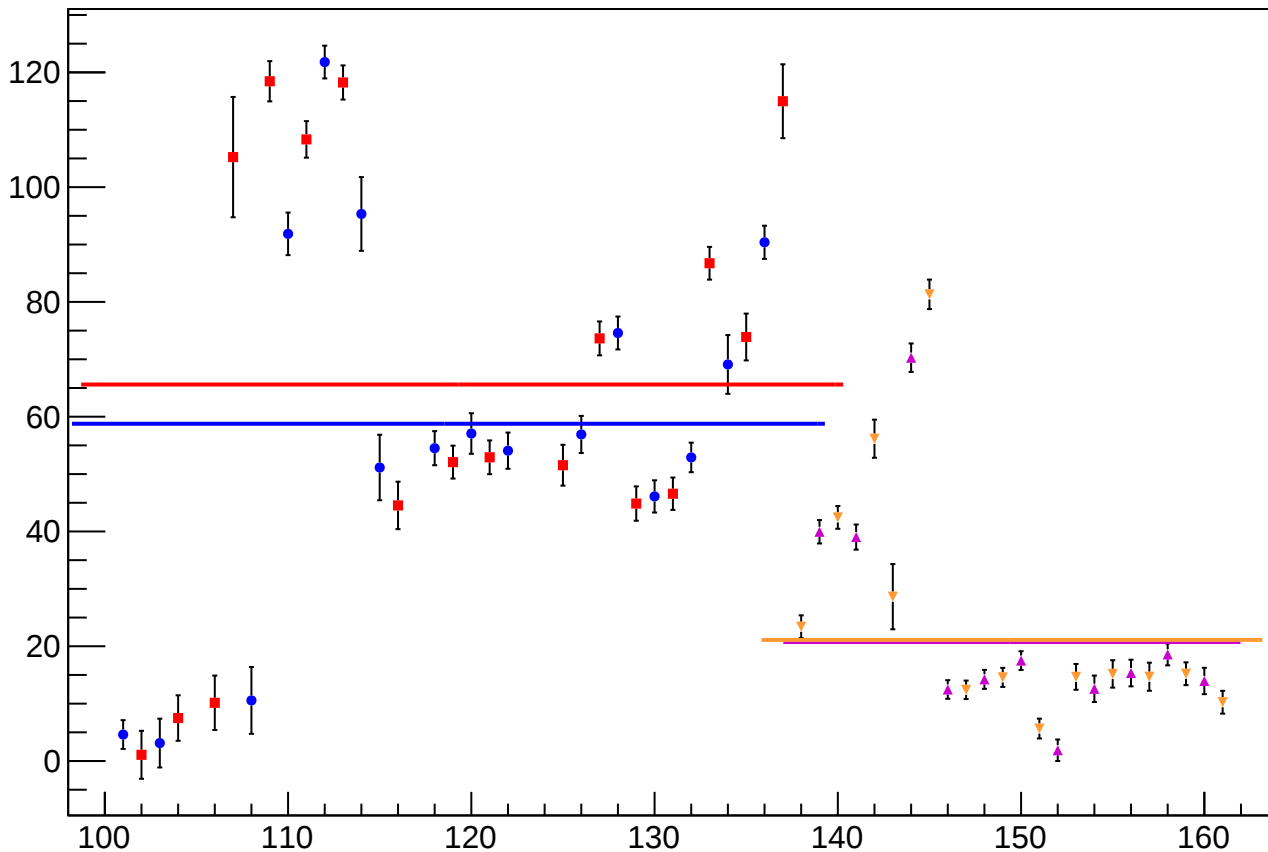
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.535 ± 0.297 $\chi^2/\text{NDF}: 614.6/26$

Out: 5.294 ± 0.297 $\chi^2/\text{NDF}: 568.2/29$

All: 4.914 ± 0.210 $\chi^2/\text{NDF}: 1186.1/56$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770+/-0.833 χ^2/NDF : 1493.3/15

Left Out: 21.103+/-0.586 χ^2/NDF : 964.4/12

Right Out: 65.606+/-0.845 χ^2/NDF : 1625.3/16

Left In: 20.738+/-0.592 χ^2/NDF : 732.8/10

Left: 20.923+/-0.416 χ^2/NDF : 1697.4/23

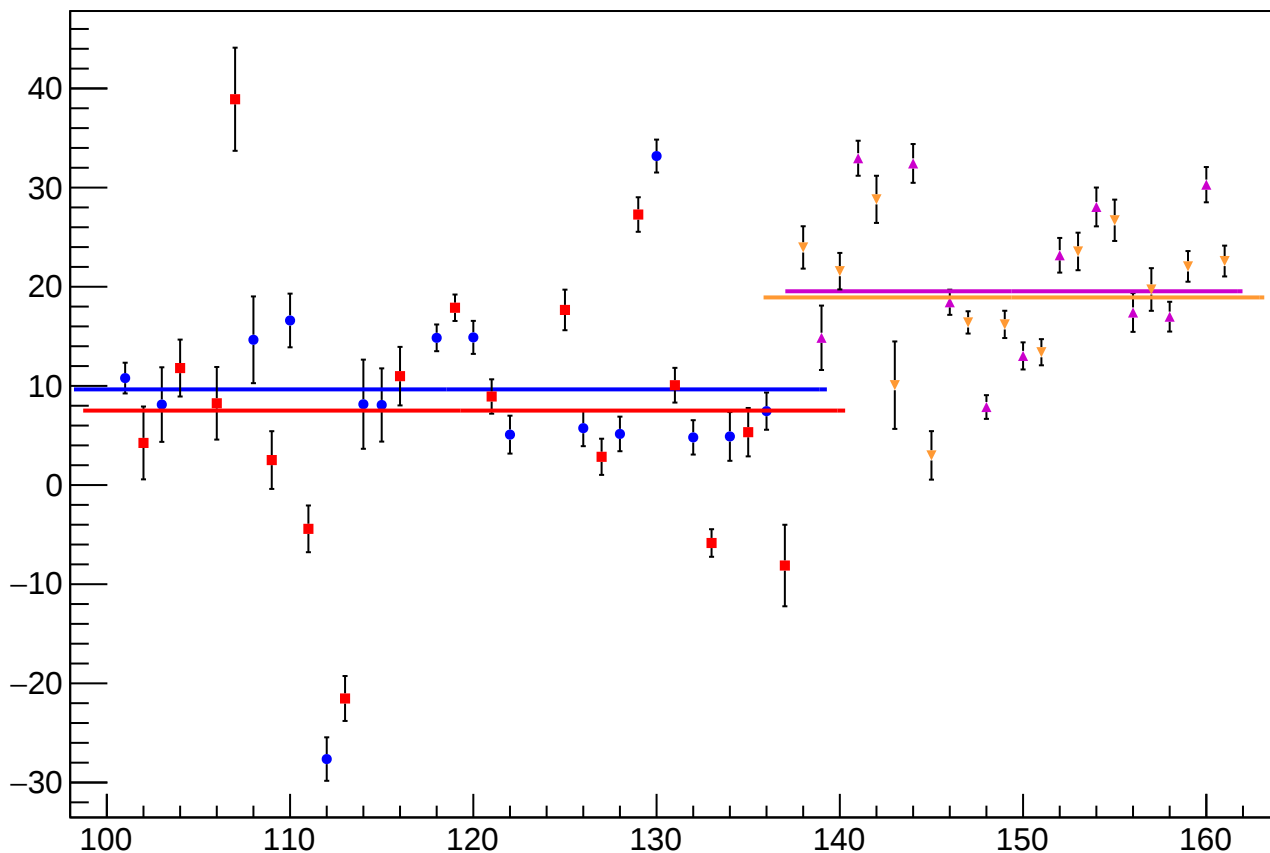
Right: 62.140+/-0.593 χ^2/NDF : 3151.9/32

In: 33.499+/-0.482 χ^2/NDF : 3611.5/26

Out: 35.553+/-0.481 χ^2/NDF : 4464.0/29

All: 34.529+/-0.341 χ^2/NDF : 8084.6/56

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.922 $\pm$ 0.479 χ^2 /NDF:127.6/12

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 19.544 $\pm$ 0.491 χ^2 /NDF:285.8/10

Left: 19.225 $\pm$ 0.343 χ^2 /NDF: 414.2/23

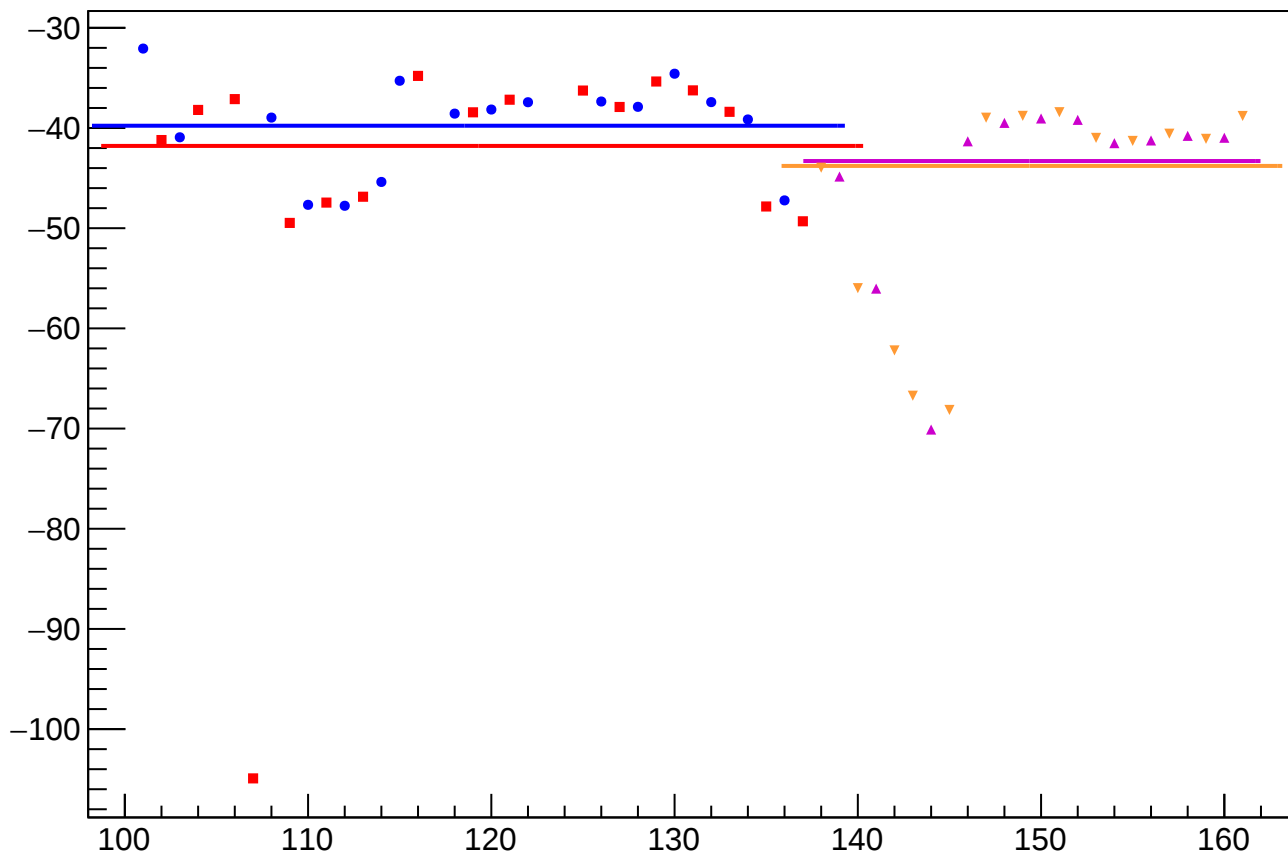
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 14.702 $\pm$ 0.351 χ^2 /NDF:1037.8/26

Out: 13.648 $\pm$ 0.351 χ^2 /NDF:954.4/29

All: 14.174 $\pm$ 0.248 χ^2 /NDF: 1996.7/56

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 $\pm$ 0.031 χ^2 /NDF: 26176.5/15

Left Out: -43.784 $\pm$ 0.023 χ^2 /NDF:129996.0/12

Right Out: -41.787 $\pm$ 0.031 χ^2 /NDF: 93008.7/16

Left In: -43.294 $\pm$ 0.023 χ^2 /NDF:95564.9/10

Left: -43.538 $\pm$ 0.016 χ^2 /NDF: 225782.3/23

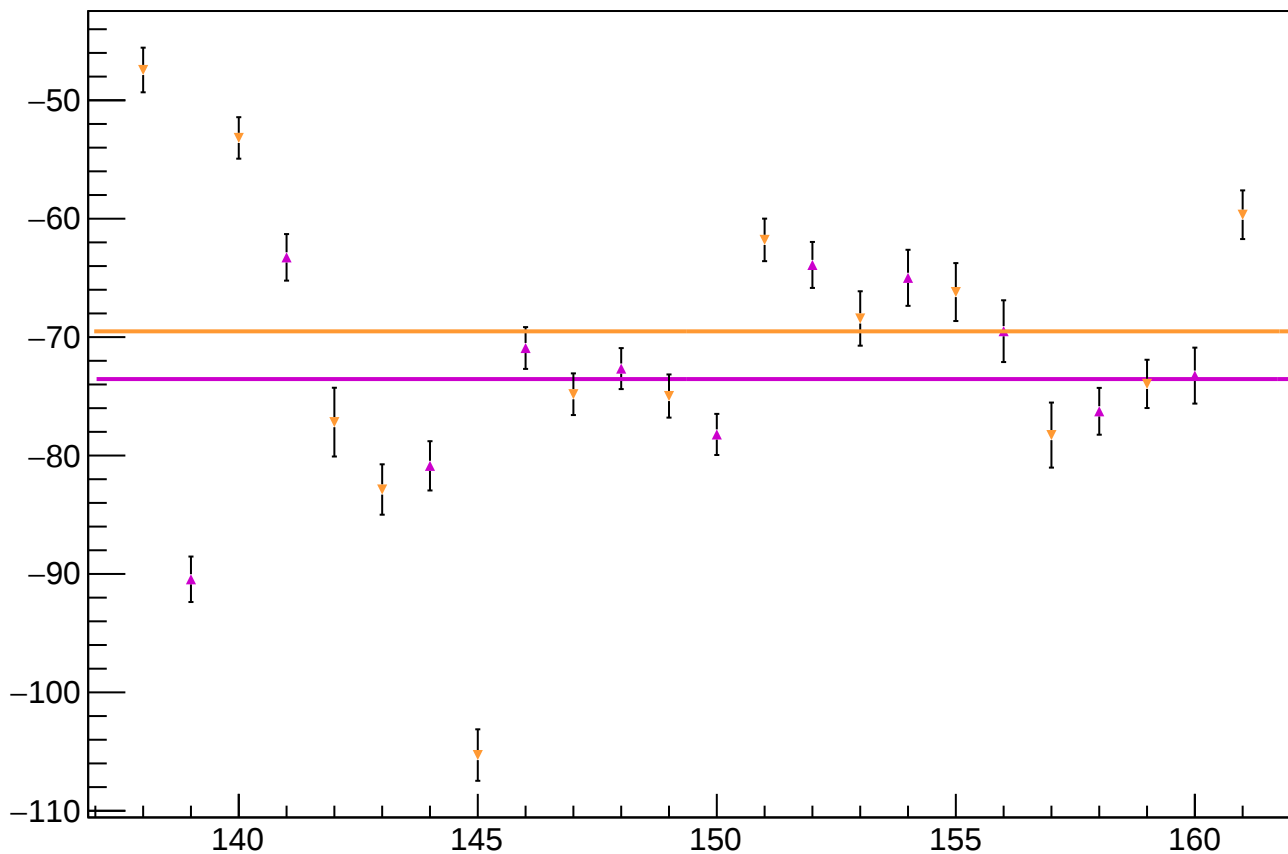
Right: -40.769 $\pm$ 0.022 χ^2 /NDF: 121265.0/32

In: -42.030 $\pm$ 0.019 χ^2 /NDF:129964.9/26

Out: -43.075 $\pm$ 0.019 χ^2 /NDF:225613.0/29

All: -42.550 $\pm$ 0.013 χ^2 /NDF: 357146.3/56

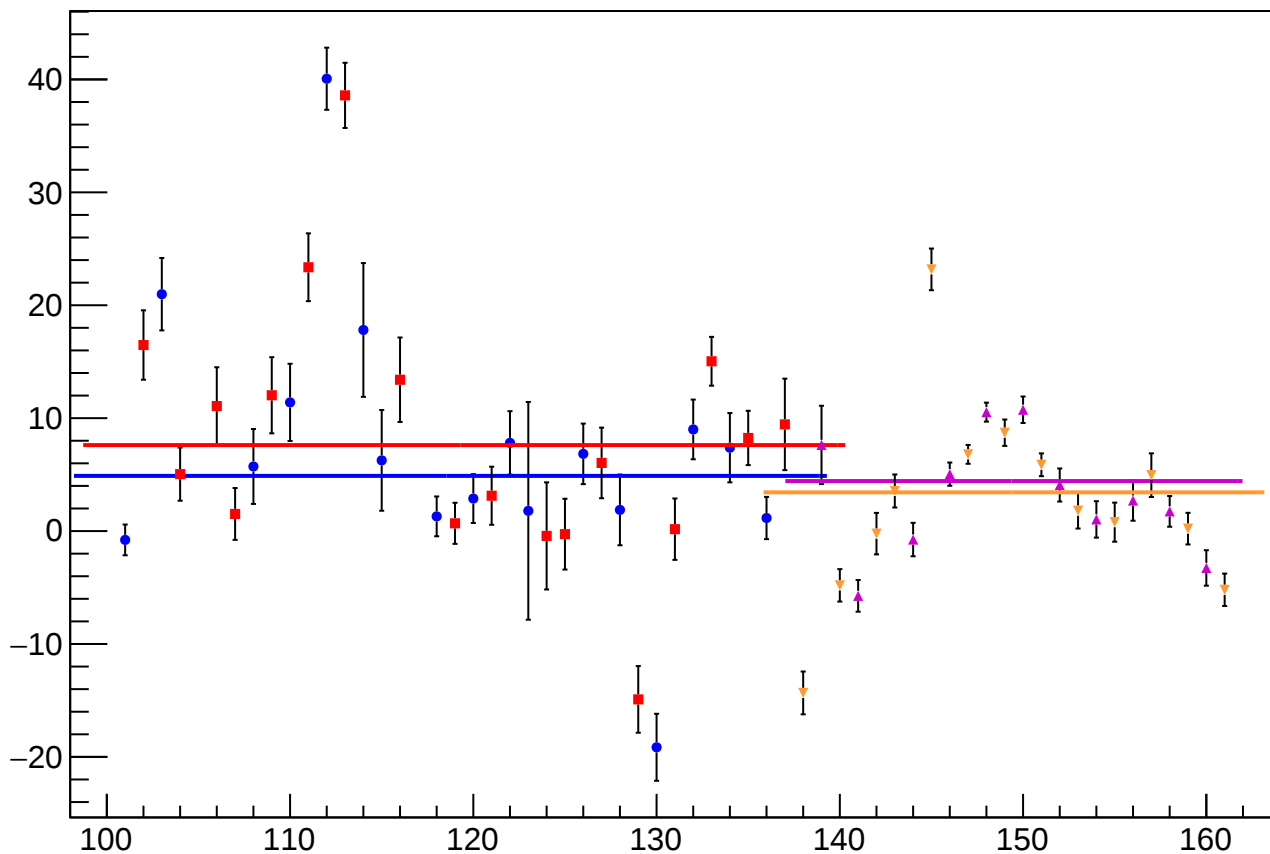
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -69.512 $\pm$ 0.572 χ^2/NDF :617.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -73.543 $\pm$ 0.600 χ^2/NDF :169.0/10

Left: -71.429 $\pm$ 0.414 χ^2/NDF : 810.4/23
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -73.543 $\pm$ 0.600 χ^2/NDF :169.0/10
 Out: -69.512 $\pm$ 0.572 χ^2/NDF :617.8/12
 All: -71.429 $\pm$ 0.414 χ^2/NDF : 810.4/23

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 3.430 ± 0.379 χ^2/NDF : 327.1/12

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 4.430 ± 0.400 χ^2/NDF : 181.2/10

Left: 3.903 ± 0.275 χ^2/NDF : 511.6/23

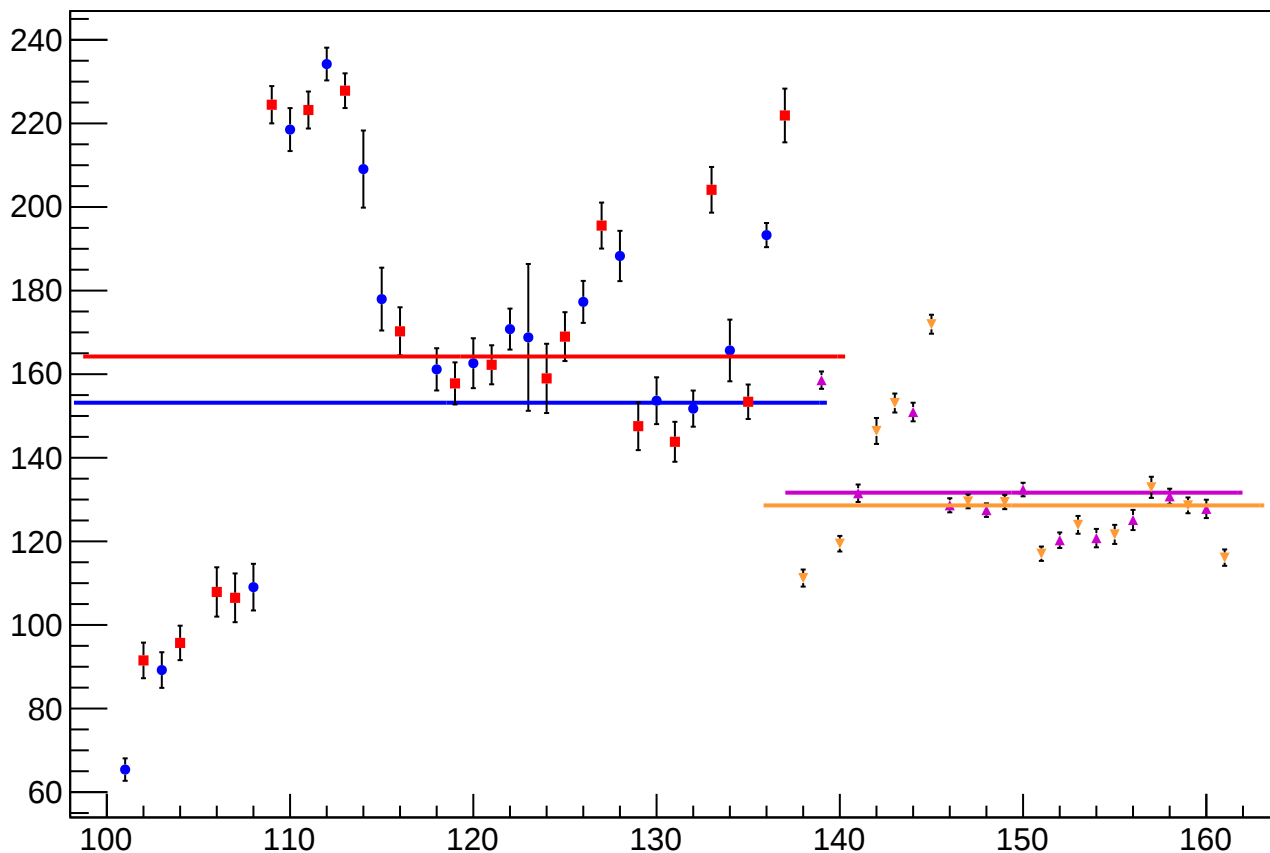
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 4.564 ± 0.336 χ^2/NDF : 476.3/27

Out: 4.486 ± 0.328 χ^2/NDF : 627.0/30

All: 4.524 ± 0.235 χ^2/NDF : 1103.4/58

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 128.602 $\pm$ 0.561 χ^2 /NDF: 714.1/12

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 131.653 $\pm$ 0.583 χ^2 /NDF: 325.5/10

Left: 130.069 $\pm$ 0.404 χ^2 /NDF: 1053.9/23

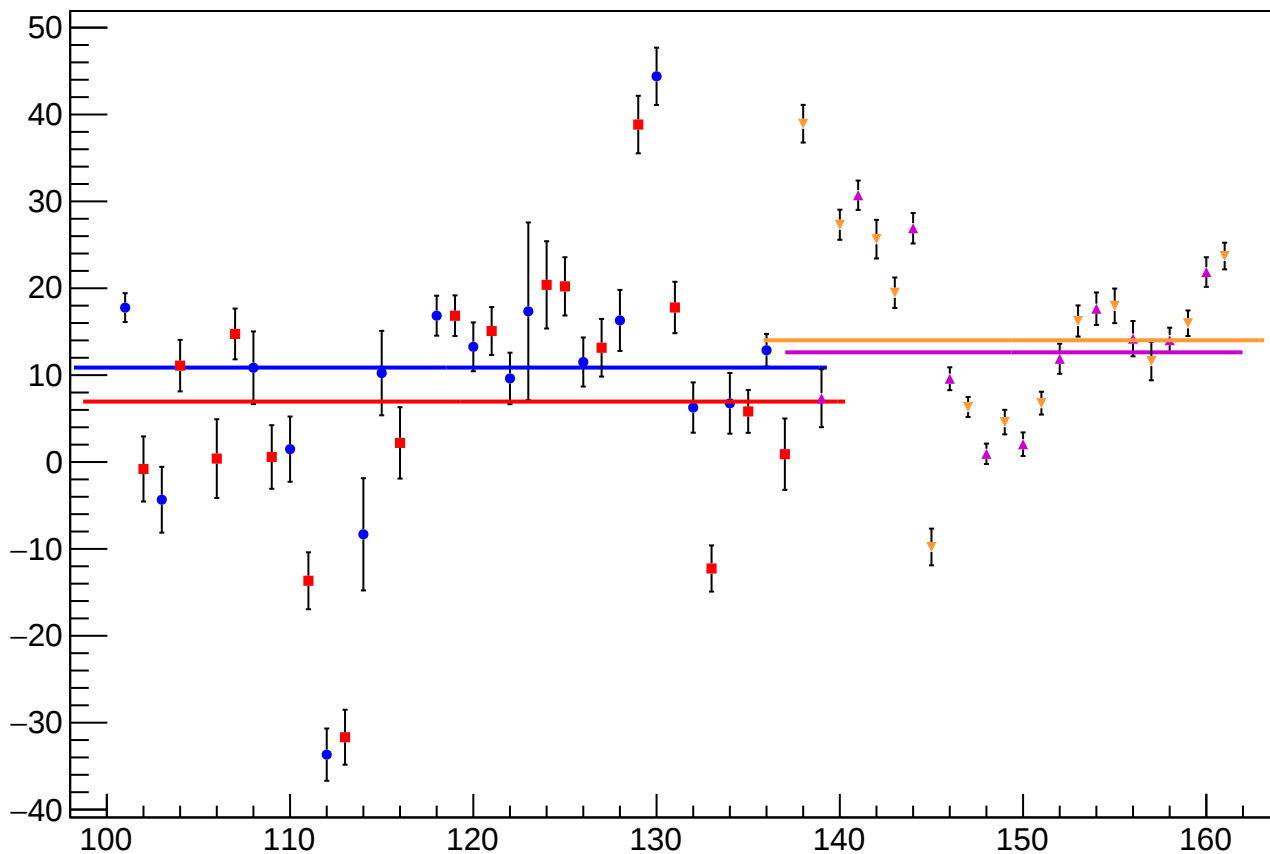
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 136.070 $\pm$ 0.519 χ^2 /NDF: 2869.9/27

Out: 135.135 $\pm$ 0.507 χ^2 /NDF: 3009.5/30

All: 135.591 $\pm$ 0.363 χ^2 /NDF: 5881.0/58

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: 14.014 $\pm$ 0.457 χ^2 /NDF: 522.6/12

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 12.625 $\pm$ 0.482 χ^2 /NDF: 386.6/10

Left: 13.357 $\pm$ 0.332 χ^2 /NDF: 913.5/23

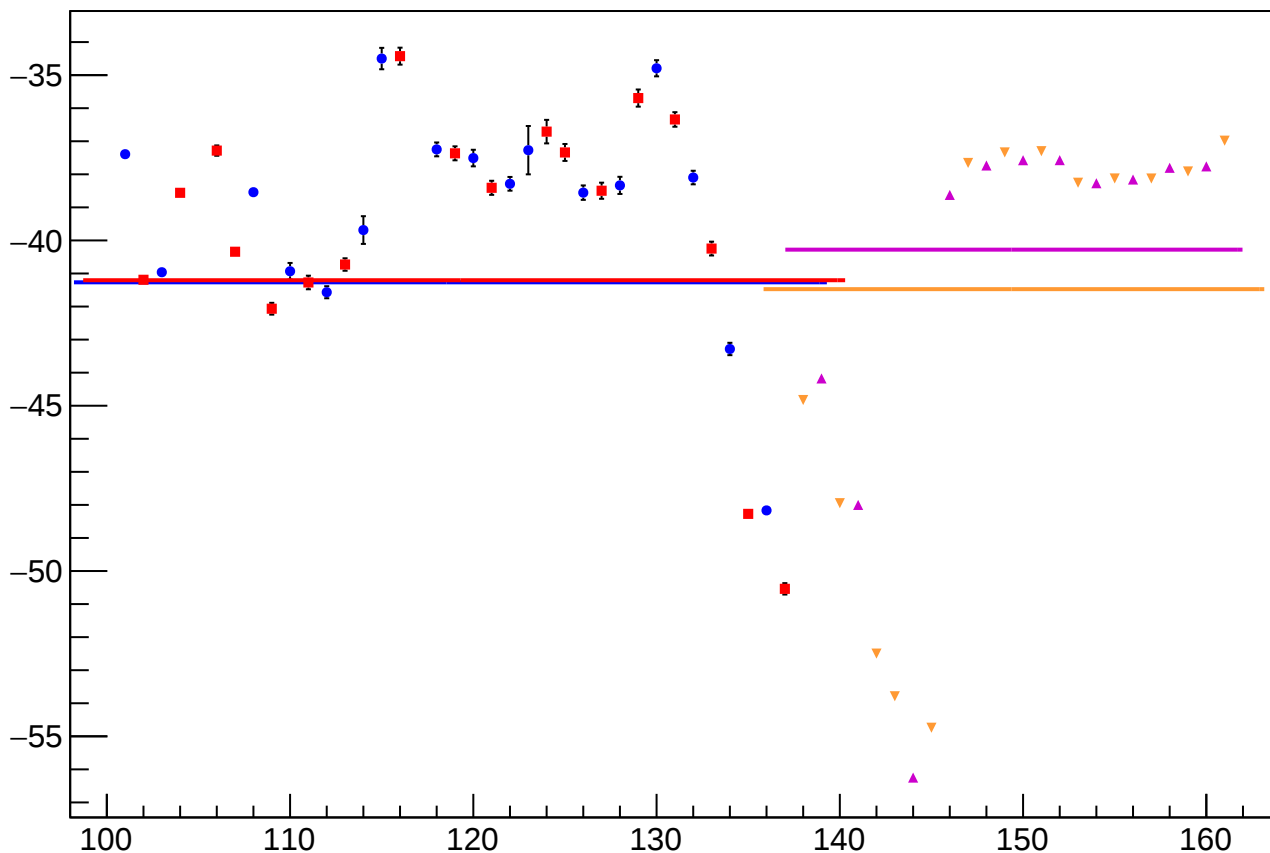
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 12.076 $\pm$ 0.400 χ^2 /NDF: 777.4/27

Out: 12.100 $\pm$ 0.390 χ^2 /NDF: 1009.5/30

All: 12.089 $\pm$ 0.279 χ^2 /NDF: 1786.9/58

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.474 ± 0.022 $\chi^2/\text{NDF}: 76254.2/12$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -40.279 ± 0.023 $\chi^2/\text{NDF}: 46519.9/10$

Left: -40.893 ± 0.016 $\chi^2/\text{NDF}: 124173.6/23$

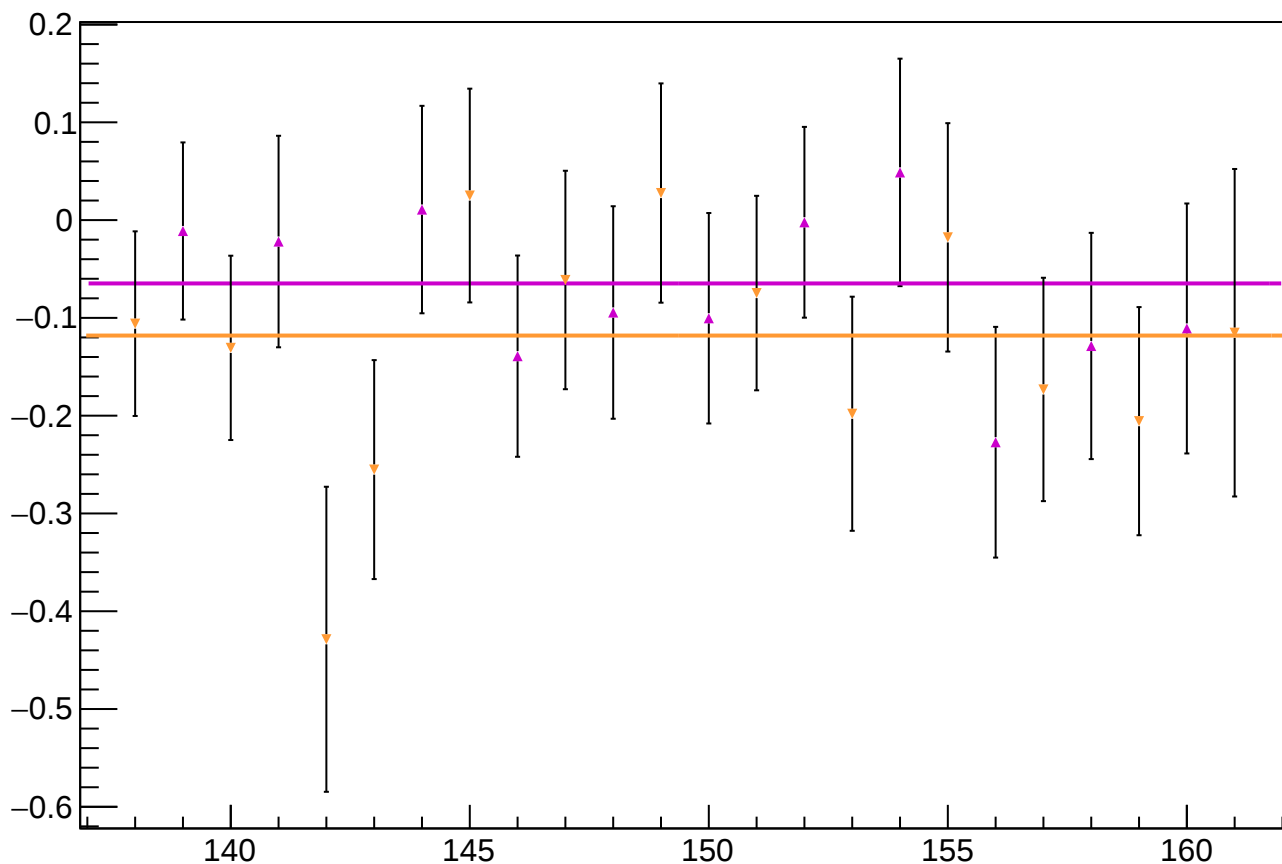
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -40.537 ± 0.020 $\chi^2/\text{NDF}: 59587.8/27$

Out: -41.407 ± 0.019 $\chi^2/\text{NDF}: 88299.1/30$

All: -40.980 ± 0.014 $\chi^2/\text{NDF}: 148882.0/58$

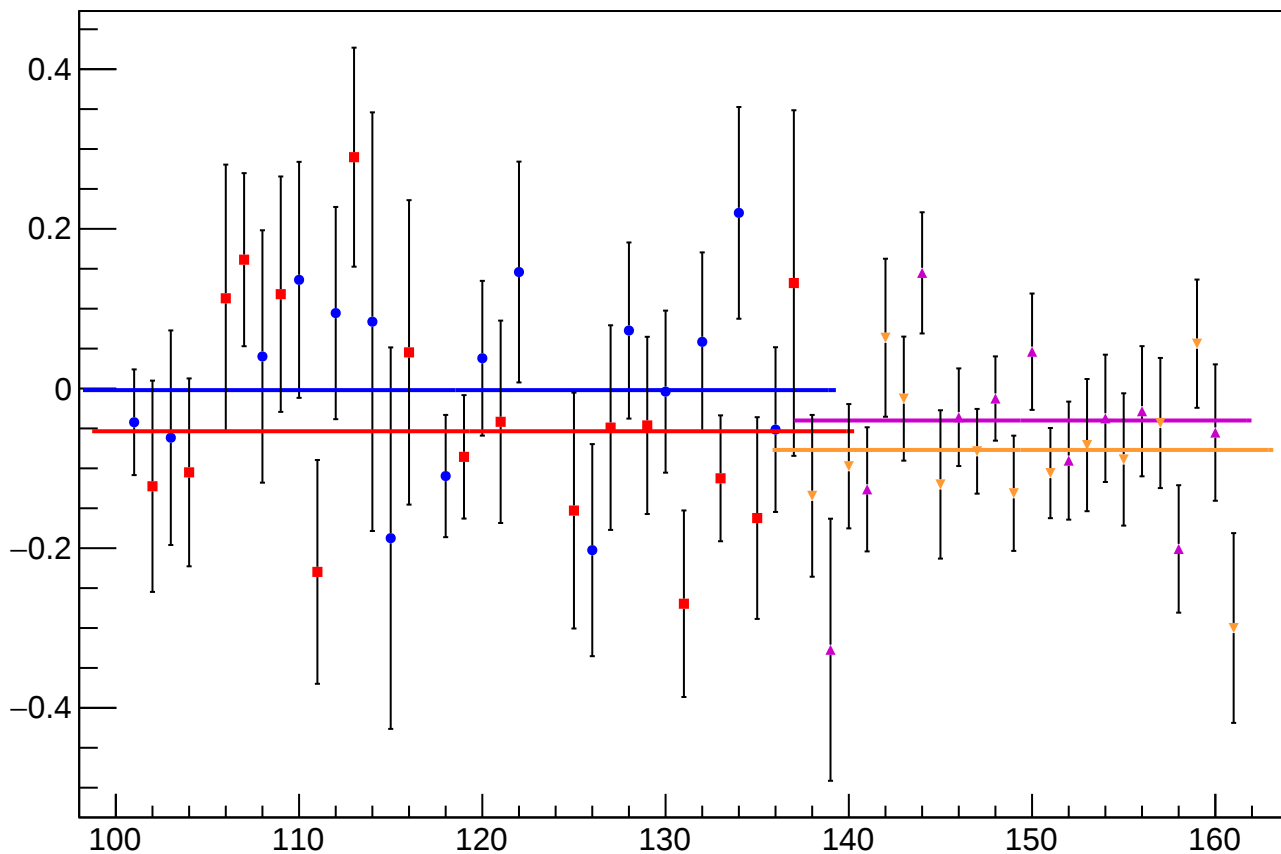
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.118+/-0.031 χ^2/NDF : 11.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.065+/-0.032 χ^2/NDF : 5.4/10

Left: -0.092+/-0.023 χ^2/NDF : 18.1/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.065+/-0.032 χ^2/NDF : 5.4/10
 Out: -0.118+/-0.031 χ^2/NDF : 11.3/12
 All: -0.092+/-0.023 χ^2/NDF : 18.1/23

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.077 ± 0.021 χ^2/NDF : 10.6/12

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/10

Left: -0.059 ± 0.016 χ^2/NDF : 28.5/23

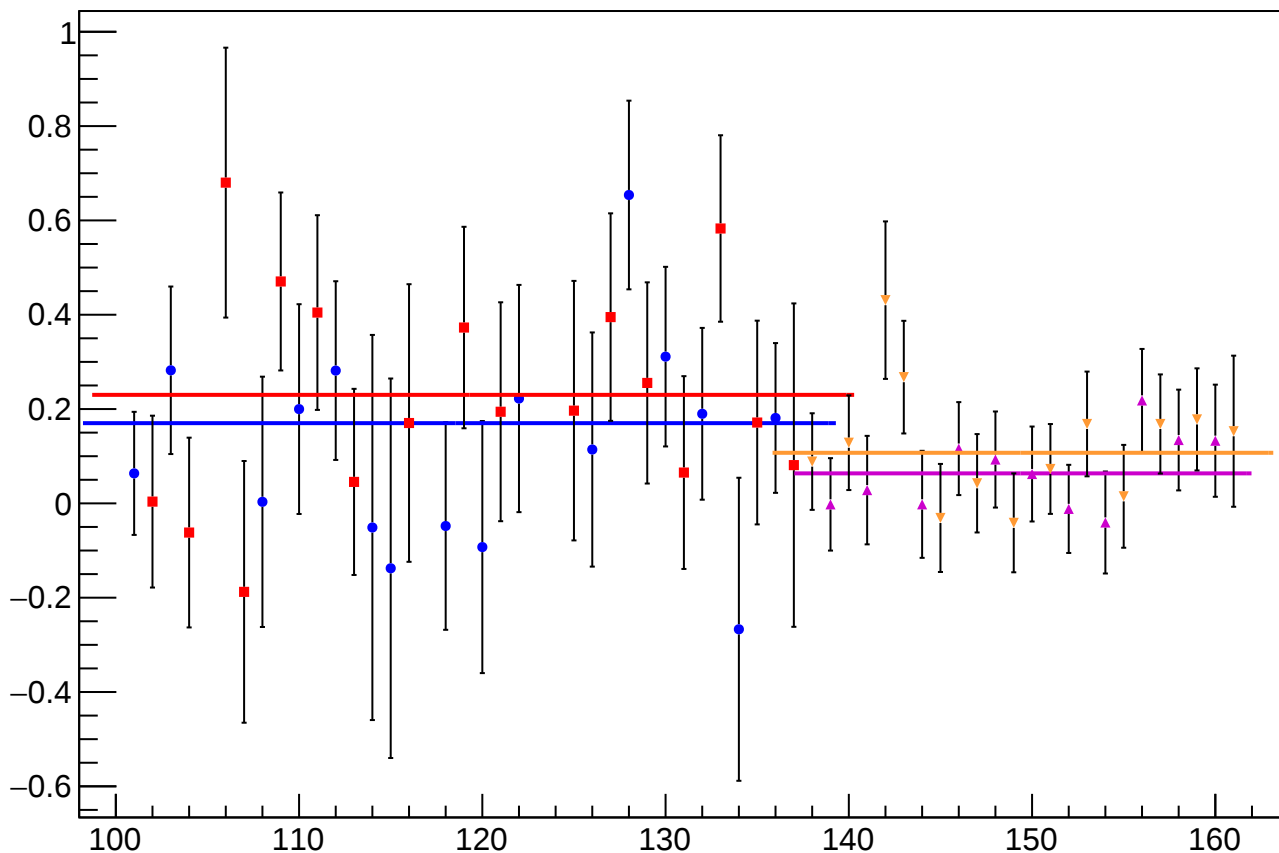
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.025 ± 0.018 χ^2/NDF : 29.7/26

Out: -0.069 ± 0.017 χ^2/NDF : 32.0/29

All: -0.047 ± 0.012 χ^2/NDF : 64.8/56

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: 0.107 $\pm$ 0.031 χ^2 /NDF: 11.5/12

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.064 $\pm$ 0.032 χ^2 /NDF: 5.6/10

Left: 0.086 $\pm$ 0.022 χ^2 /NDF: 18.1/23

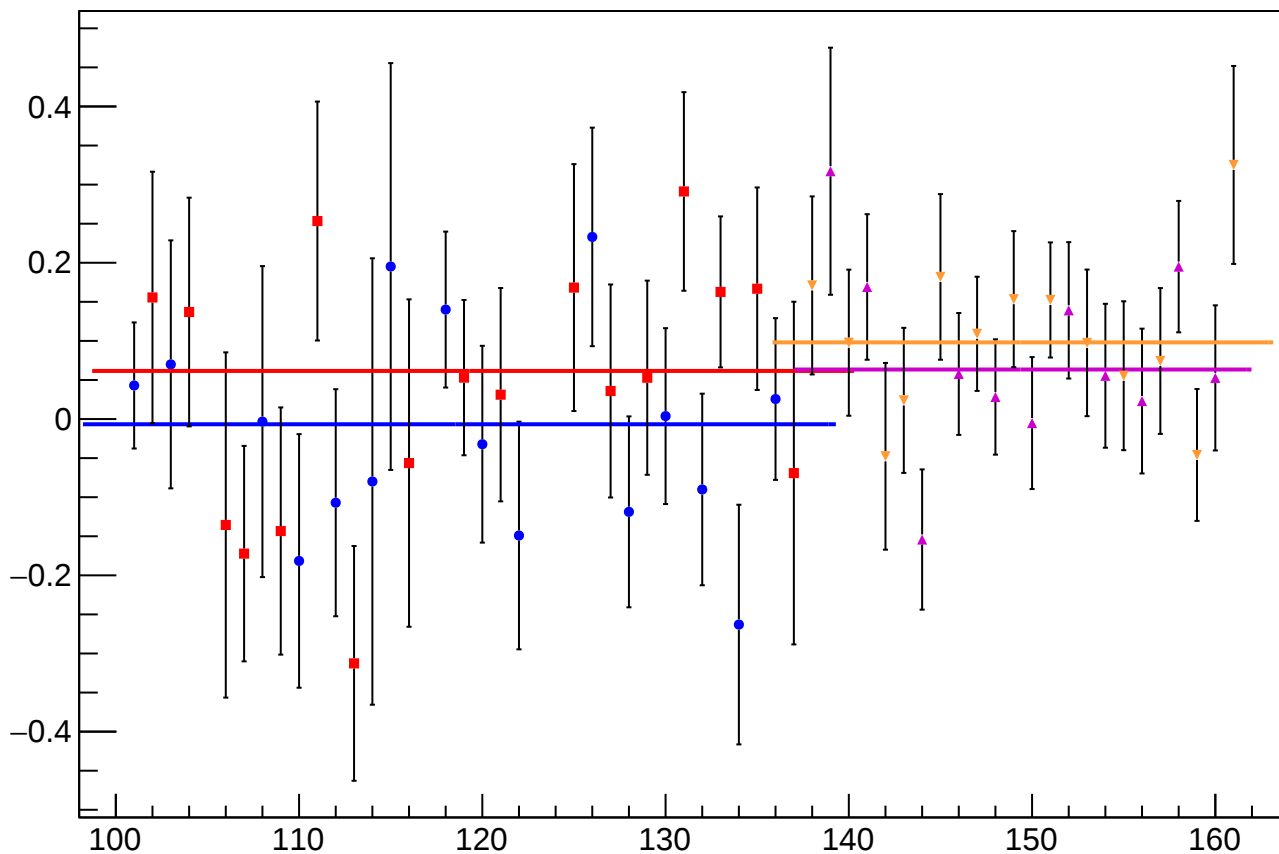
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.092 $\pm$ 0.027 χ^2 /NDF: 21.6/26

Out: 0.138 $\pm$ 0.027 χ^2 /NDF: 32.2/29

All: 0.115 $\pm$ 0.019 χ^2 /NDF: 55.3/56

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.026 χ^2/NDF : 10.5/12

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.063 ± 0.027 χ^2/NDF : 14.0/10

Left: 0.081 ± 0.019 χ^2/NDF : 25.4/23

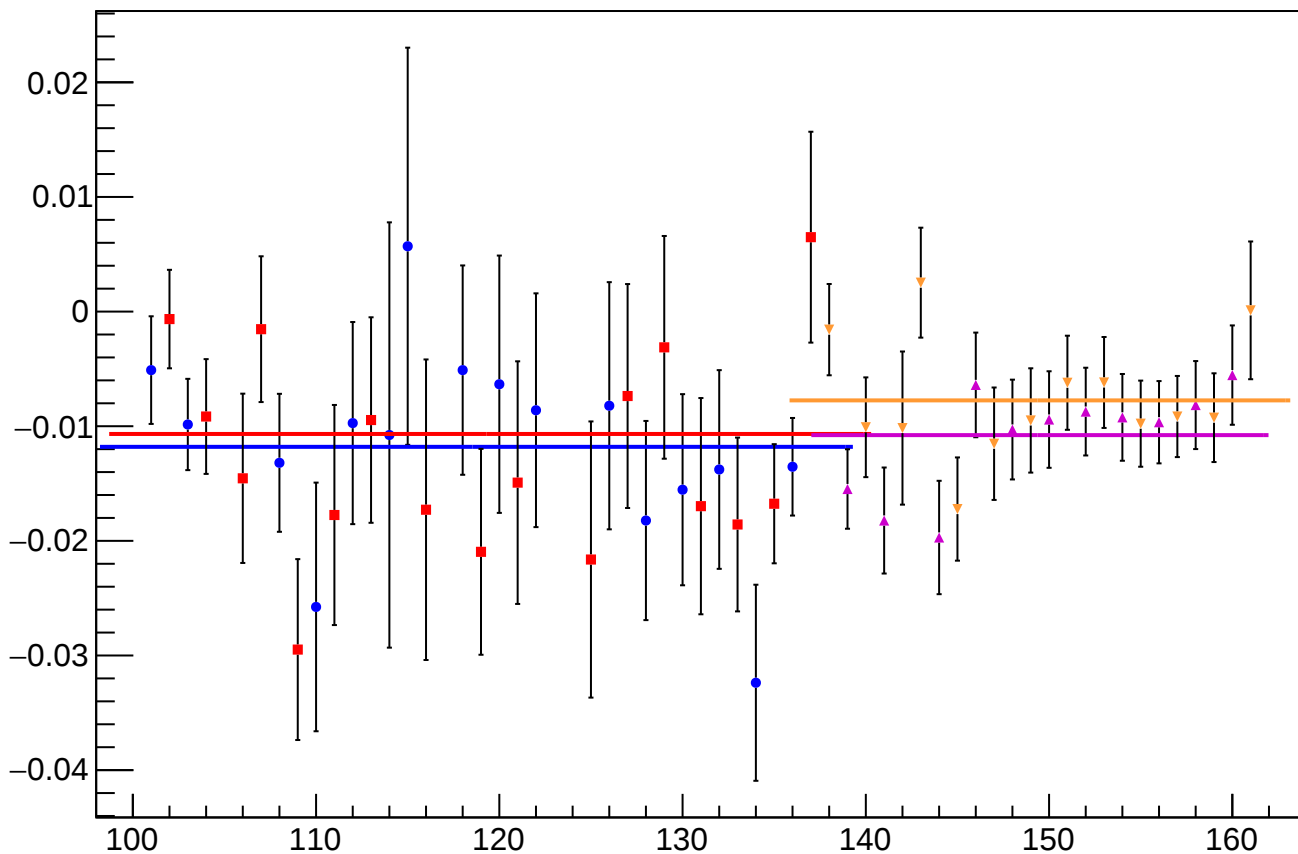
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.035 ± 0.021 χ^2/NDF : 30.0/26

Out: 0.085 ± 0.020 χ^2/NDF : 31.2/29

All: 0.060 ± 0.015 χ^2/NDF : 64.2/56

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 : 15.2/12

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 11.2/10

Left: -0.009 ± 0.001 χ^2/NDF : 29.5/23

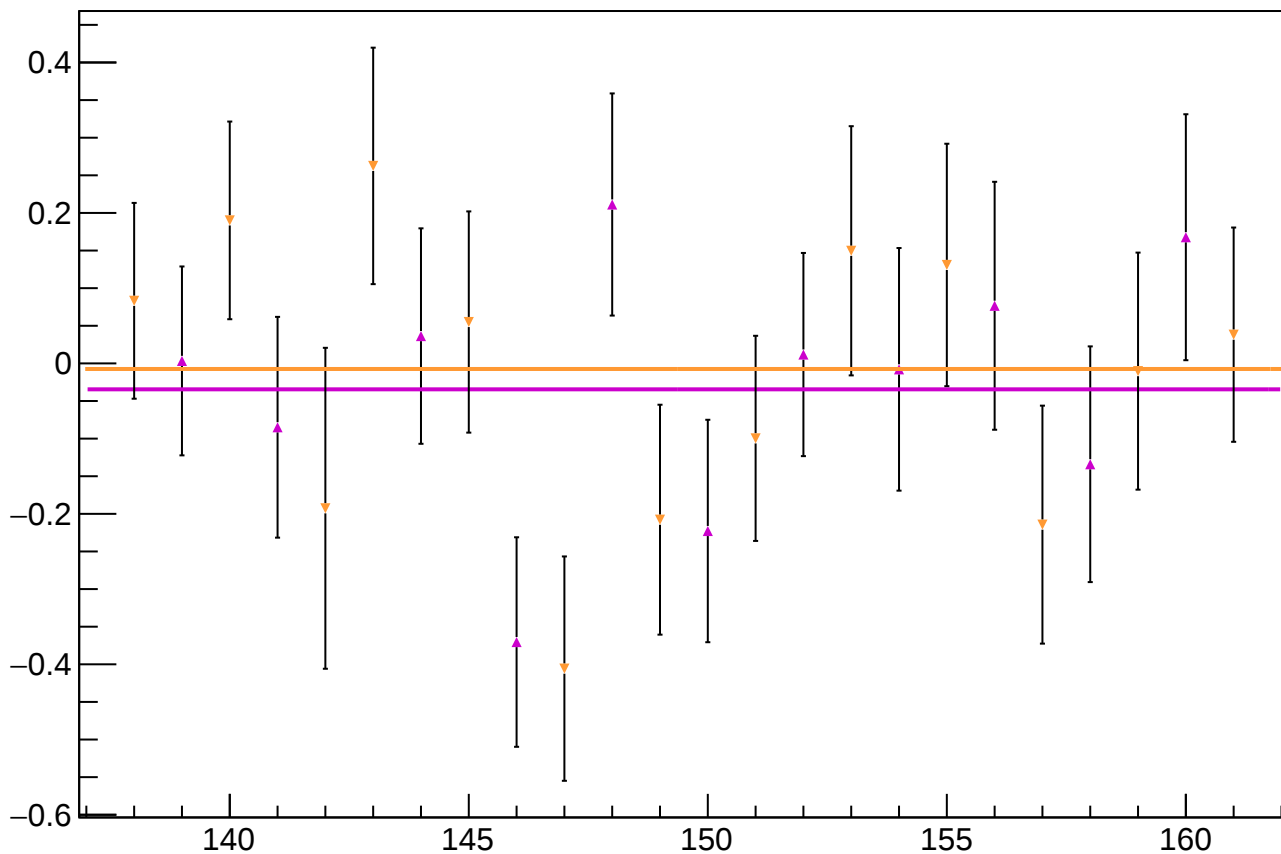
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 24.2/26

Out: -0.009 ± 0.001 χ^2/NDF : 40.8/29

All: -0.010 ± 0.001 χ^2/NDF : 68.0/56

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: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.034 $\pm$ 0.044 χ^2 /NDF:13.2/10

Left: -0.020 $\pm$ 0.030 χ^2 /NDF: 32.8/23

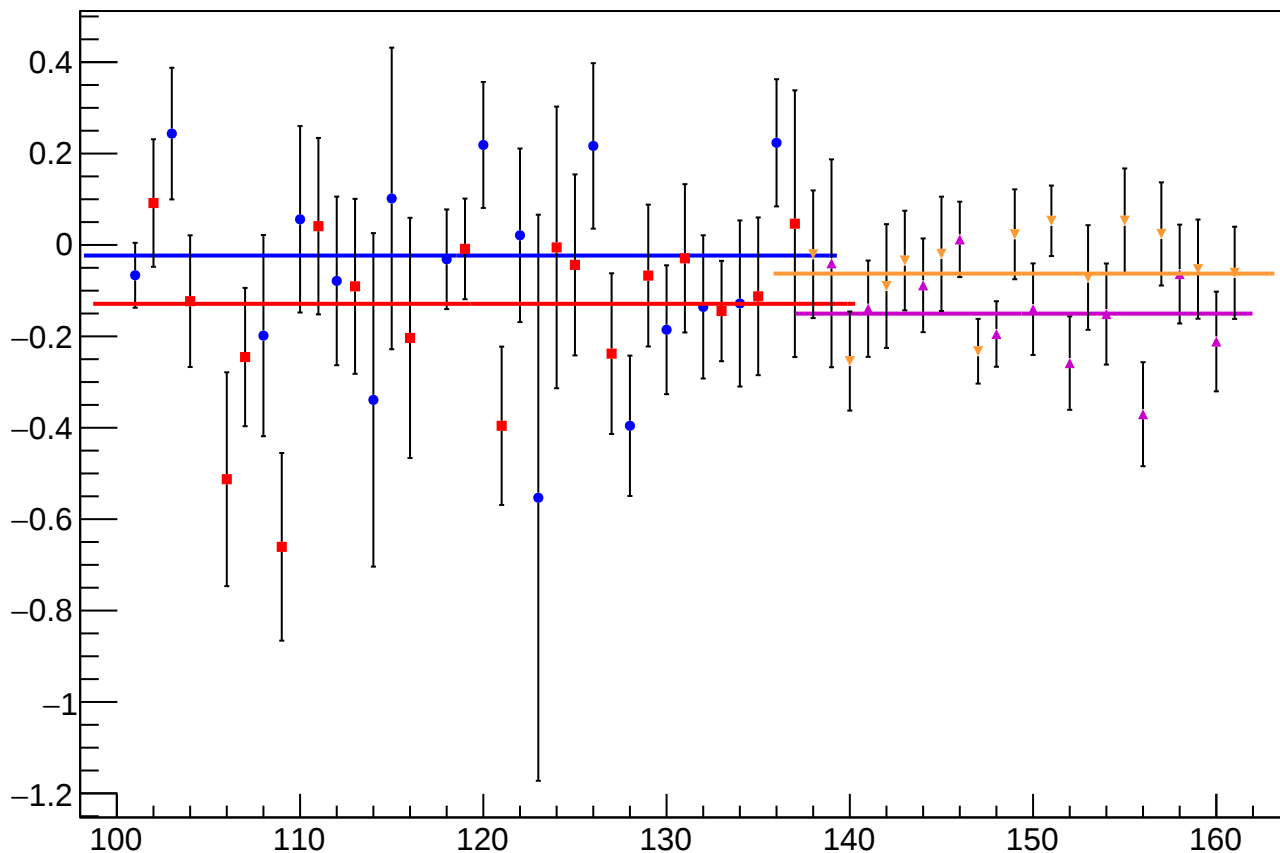
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.034 $\pm$ 0.044 χ^2 /NDF:13.2/10

Out: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12

All: -0.020 $\pm$ 0.030 χ^2 /NDF: 32.8/23

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.063 ± 0.029 $\chi^2/\text{NDF}: 13.8/12$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.150 ± 0.031 $\chi^2/\text{NDF}: 10.7/10$

Left: -0.103 ± 0.021 $\chi^2/\text{NDF}: 28.9/23$

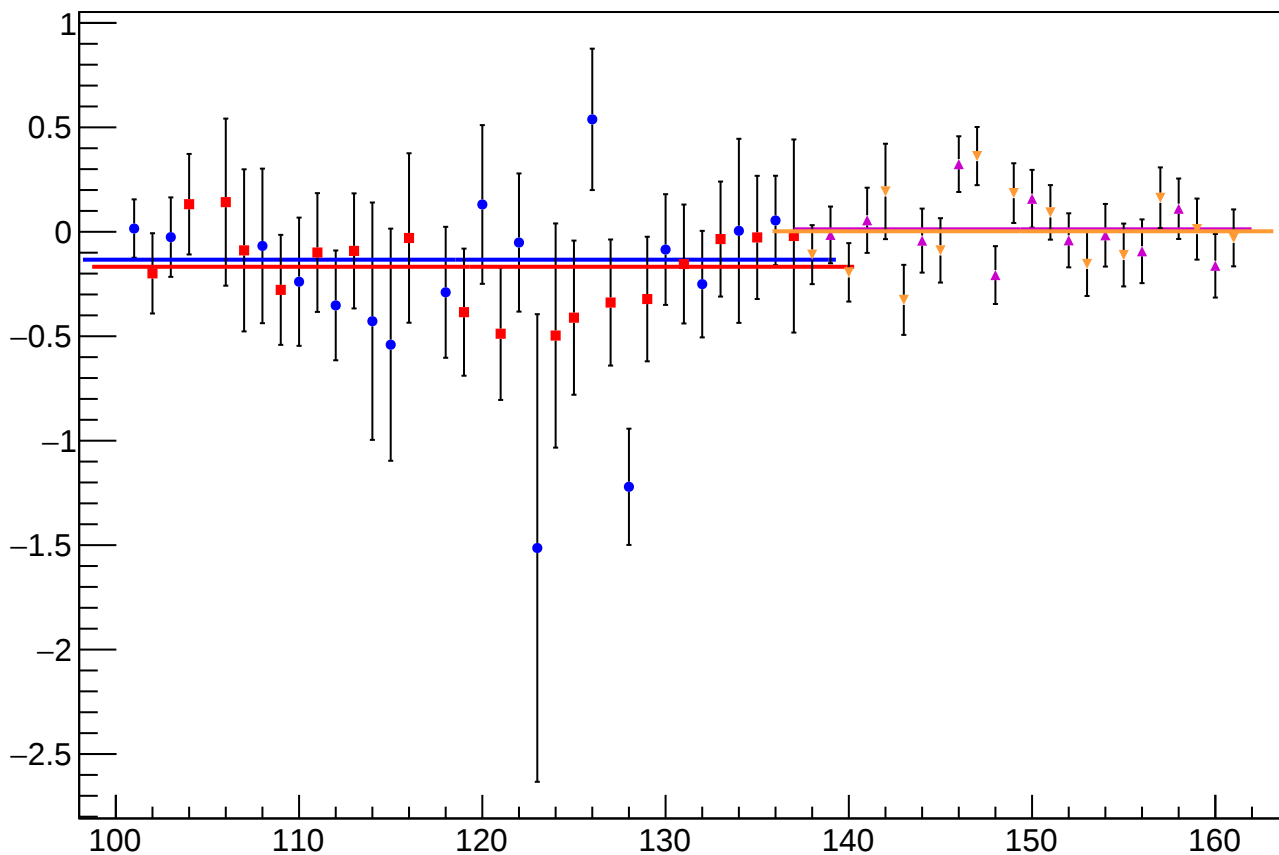
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.098 ± 0.023 $\chi^2/\text{NDF}: 40.2/27$

Out: -0.085 ± 0.023 $\chi^2/\text{NDF}: 34.3/30$

All: -0.092 ± 0.016 $\chi^2/\text{NDF}: 74.6/58$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.003 ± 0.041 χ^2/NDF : 19.2/12

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.012 ± 0.043 χ^2/NDF : 11.8/10

Left: 0.007 ± 0.030 χ^2/NDF : 31.0/23

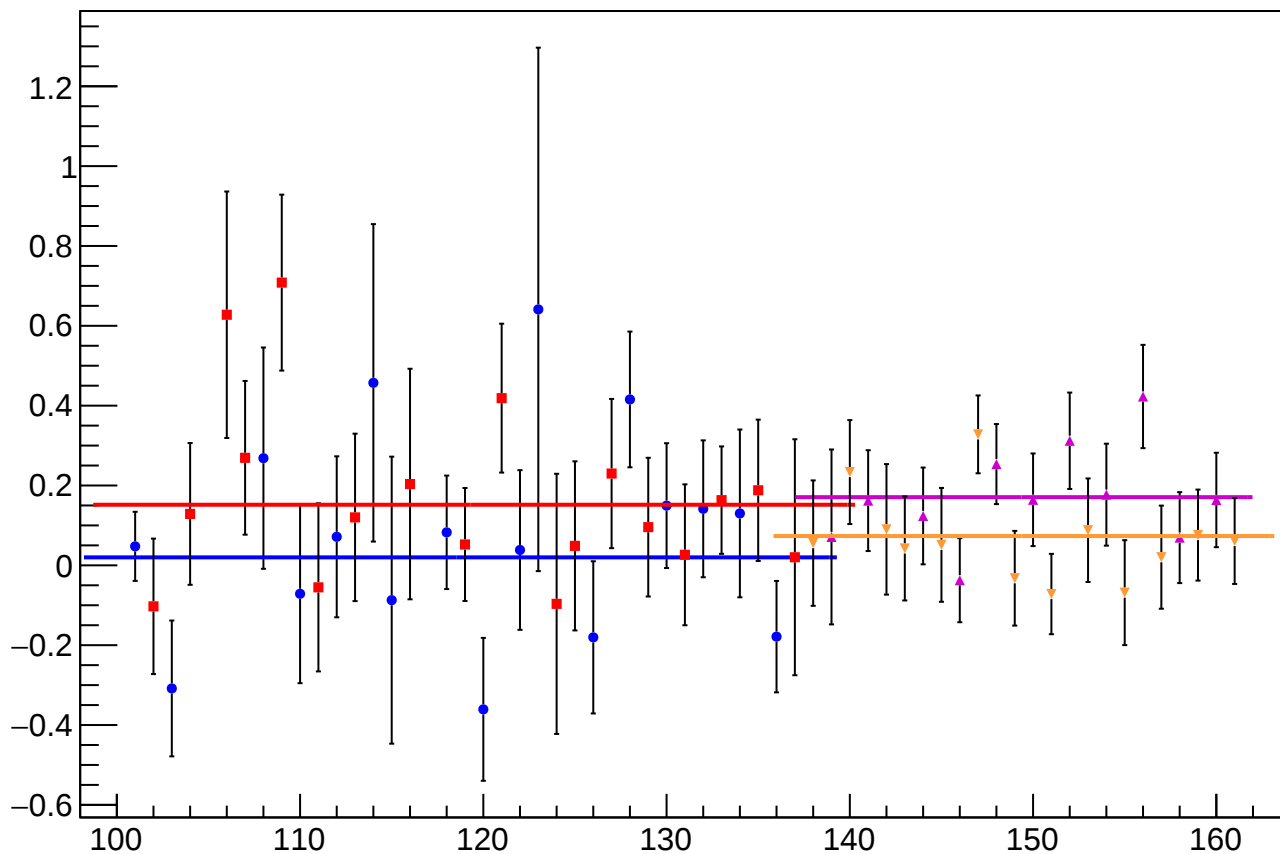
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.031 ± 0.036 χ^2/NDF : 40.9/27

Out: -0.040 ± 0.036 χ^2/NDF : 29.6/30

All: -0.036 ± 0.025 χ^2/NDF : 70.5/58

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: 0.073 $\pm$ 0.034 χ^2 /NDF:12.7/12

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.171 $\pm$ 0.036 χ^2 /NDF:10.9/10

Left: 0.119 $\pm$ 0.025 χ^2 /NDF: 27.4/23

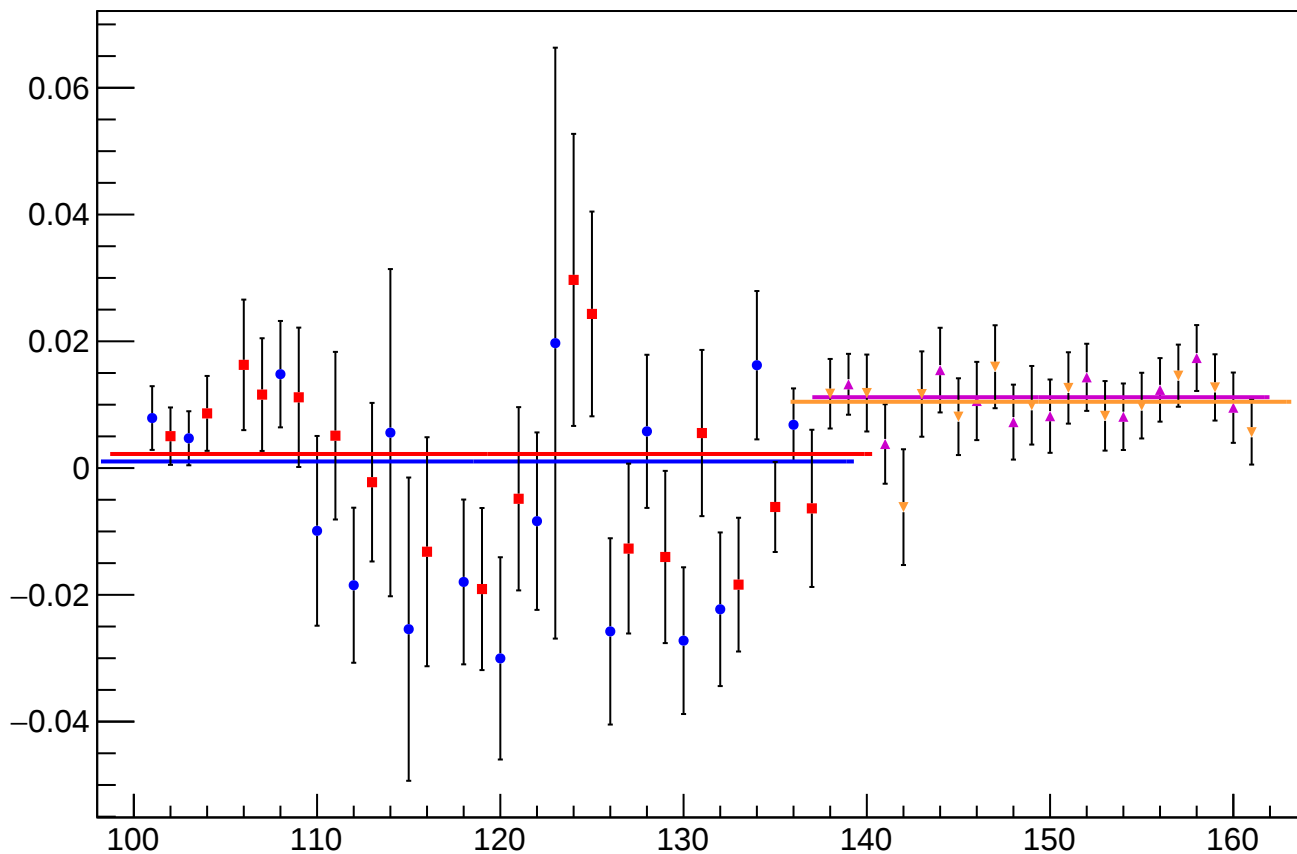
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.107 $\pm$ 0.028 χ^2 /NDF:40.0/27

Out: 0.102 $\pm$ 0.027 χ^2 /NDF:31.4/30

All: 0.104 $\pm$ 0.019 χ^2 /NDF: 71.4/58

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: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.4/12

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.9/10

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 11.5/23

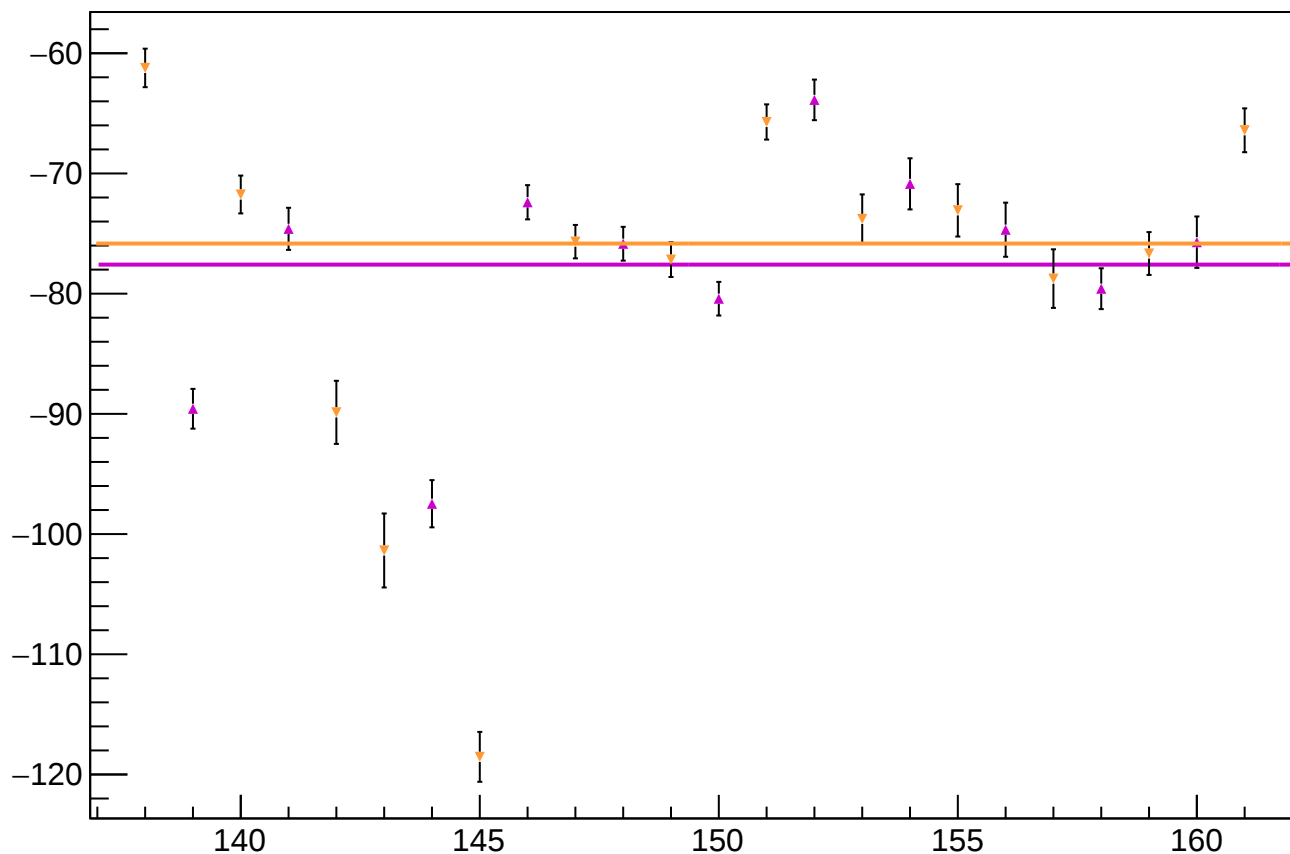
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 50.2/27

Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 36.0/30

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 86.2/58

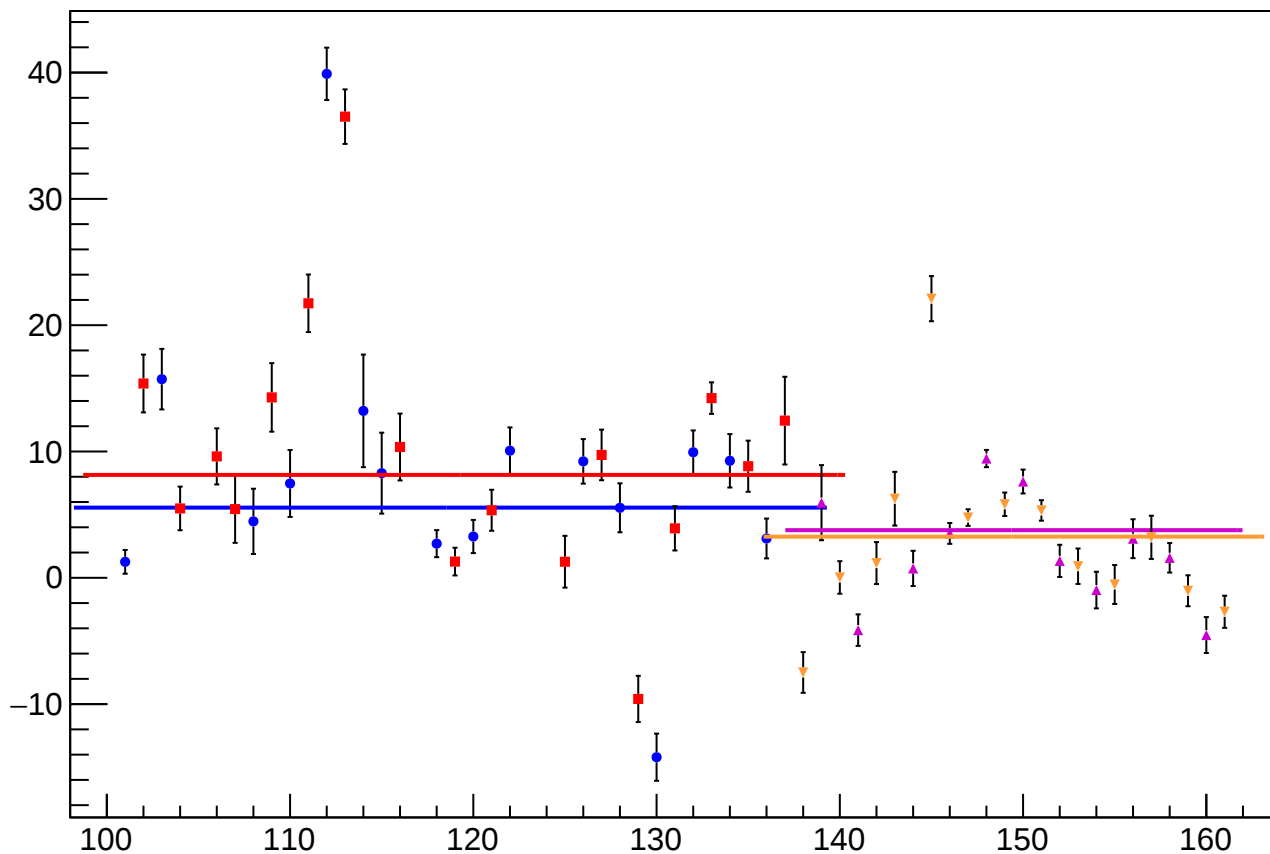
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -75.831 ± 0.502 χ^2/NDF : 690.1/12
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -77.583 ± 0.513 χ^2/NDF : 256.6/10

Left: -76.687 ± 0.359 χ^2/NDF : 952.7/23
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -77.583 ± 0.513 χ^2/NDF : 256.6/10
 Out: -75.831 ± 0.502 χ^2/NDF : 690.1/12
 All: -76.687 ± 0.359 χ^2/NDF : 952.7/23

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 3.259 ± 0.326 $\chi^2/\text{NDF}: 227.8/12$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 3.771 ± 0.338 $\chi^2/\text{NDF}: 183.4/10$

Left: 3.505 ± 0.235 $\chi^2/\text{NDF}: 412.4/23$

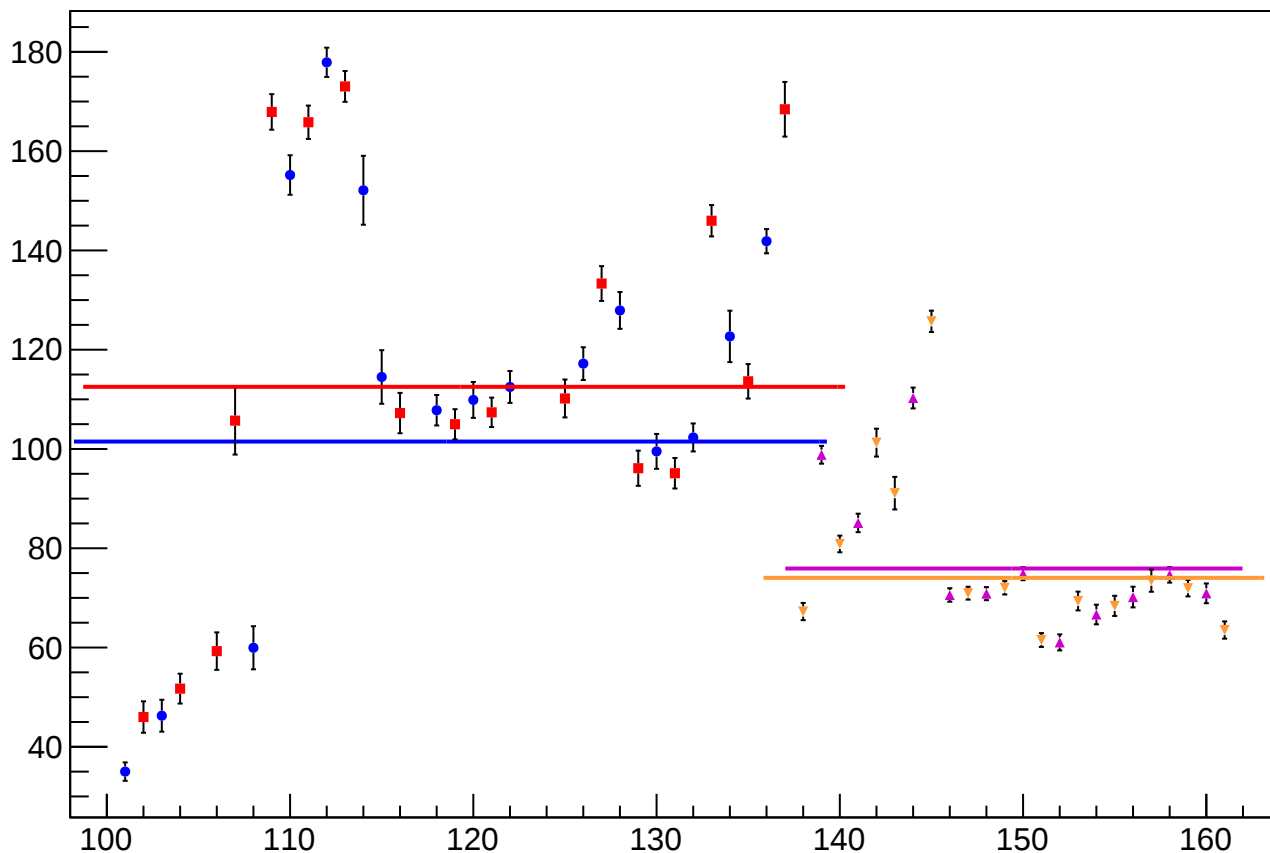
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 4.465 ± 0.264 $\chi^2/\text{NDF}: 656.3/26$

Out: 4.918 ± 0.265 $\chi^2/\text{NDF}: 711.0/29$

All: 4.691 ± 0.187 $\chi^2/\text{NDF}: 1368.8/56$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 74.038 $\pm$ 0.489 χ^2 /NDF:868.3/12

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 75.920 $\pm$ 0.497 χ^2 /NDF:607.3/10

Left: 74.964 $\pm$ 0.348 χ^2 /NDF: 1483.0/23

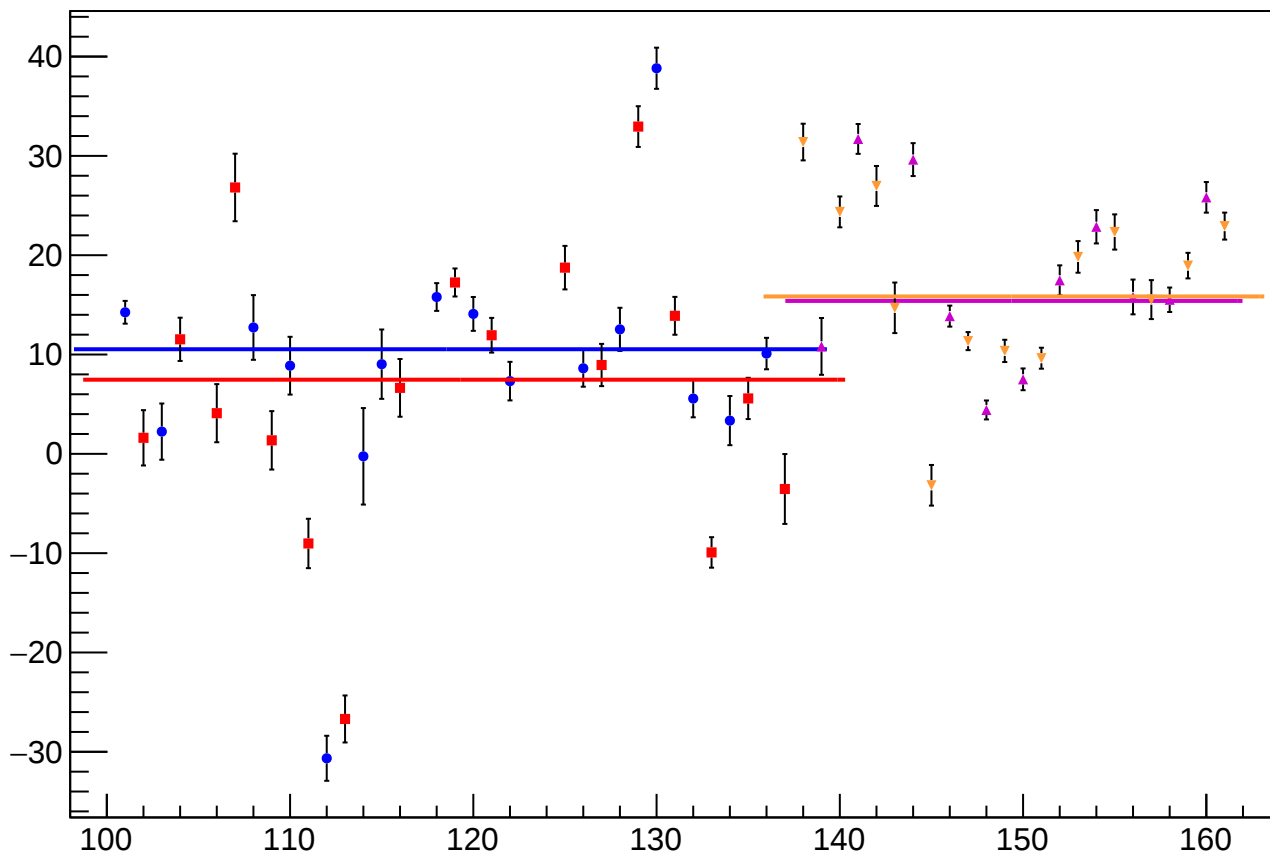
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 82.930 $\pm$ 0.423 χ^2 /NDF:4307.2/26

Out: 83.709 $\pm$ 0.423 χ^2 /NDF:4664.7/29

All: 83.320 $\pm$ 0.299 χ^2 /NDF: 8973.6/56

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: 15.846 $\pm$ 0.396 χ^2/NDF : 353.9/12

Right Out: 7.466 $\pm$ 0.525 χ^2/NDF : 685.0/16

Left In: 15.396 $\pm$ 0.410 χ^2/NDF : 448.2/10

Left: 15.629 $\pm$ 0.285 χ^2/NDF : 802.7/23

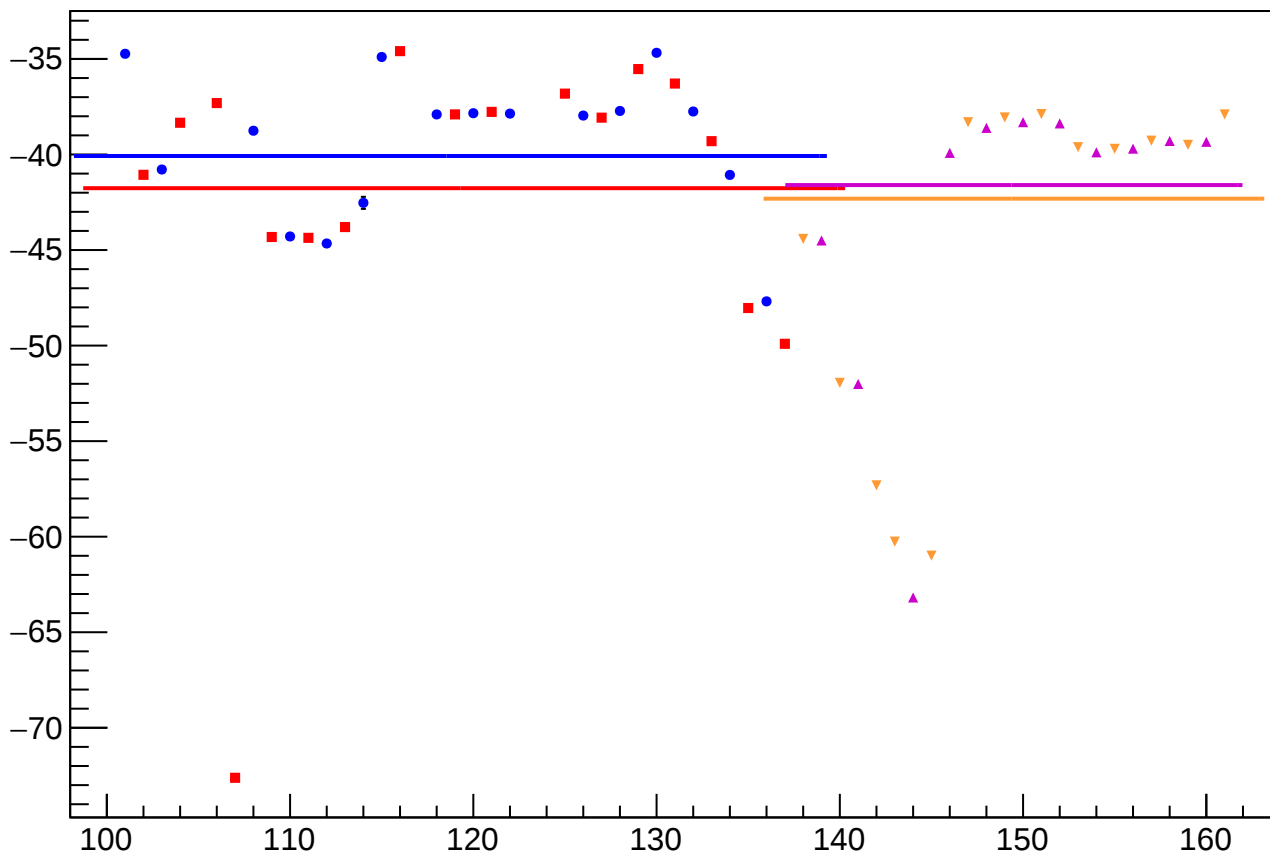
Right: 9.096 $\pm$ 0.359 χ^2/NDF : 1283.4/32

In: 13.409 $\pm$ 0.315 χ^2/NDF : 1086.2/26

Out: 12.805 $\pm$ 0.316 χ^2/NDF : 1201.1/29

All: 13.108 $\pm$ 0.223 χ^2/NDF : 2289.1/56

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: -42.313 ± 0.020 χ^2/NDF : 128591.3/12

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -41.601 ± 0.020 χ^2/NDF : 89649.0/10

Left: -41.958 ± 0.014 χ^2/NDF : 218901.4/23

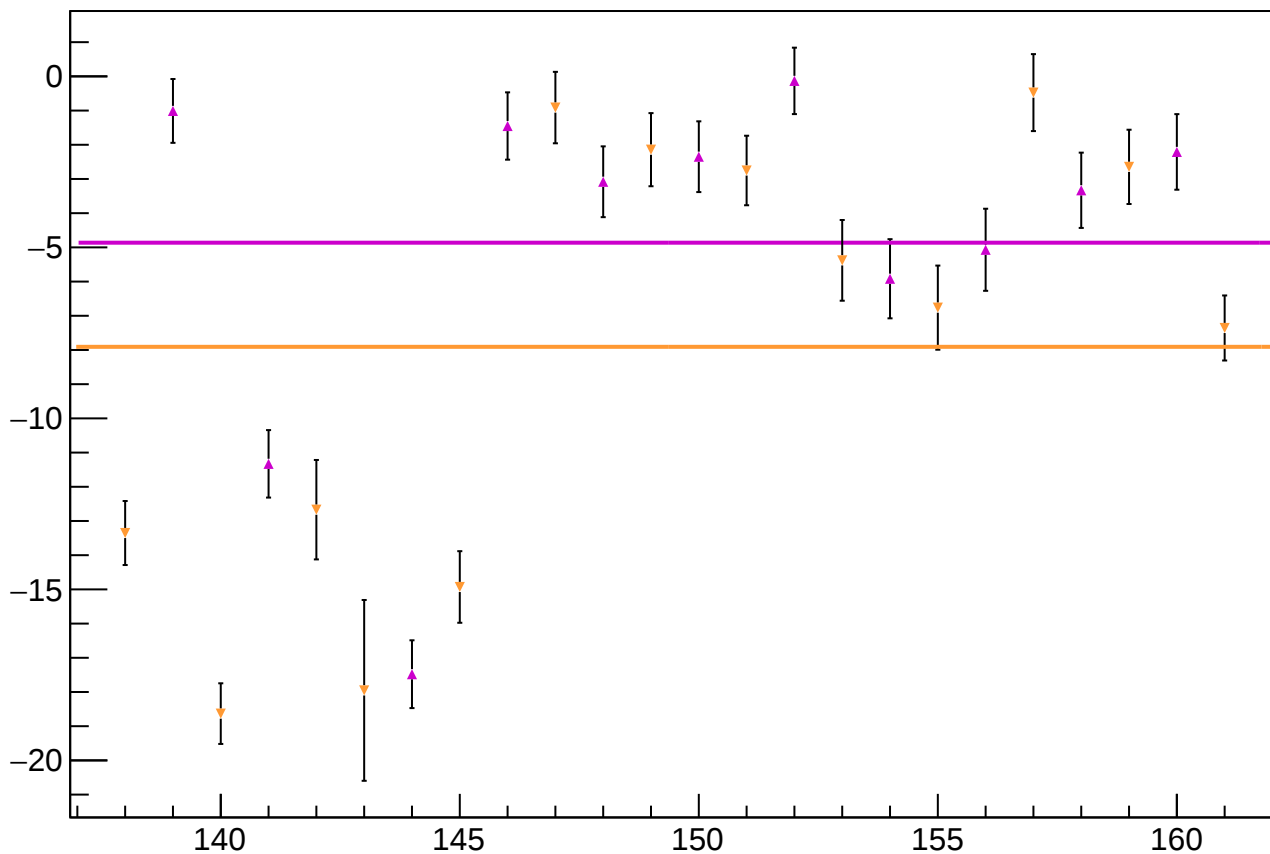
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -41.105 ± 0.016 χ^2/NDF : 116756.8/26

Out: -42.140 ± 0.016 χ^2/NDF : 189088.9/29

All: -41.620 ± 0.011 χ^2/NDF : 307901.4/56

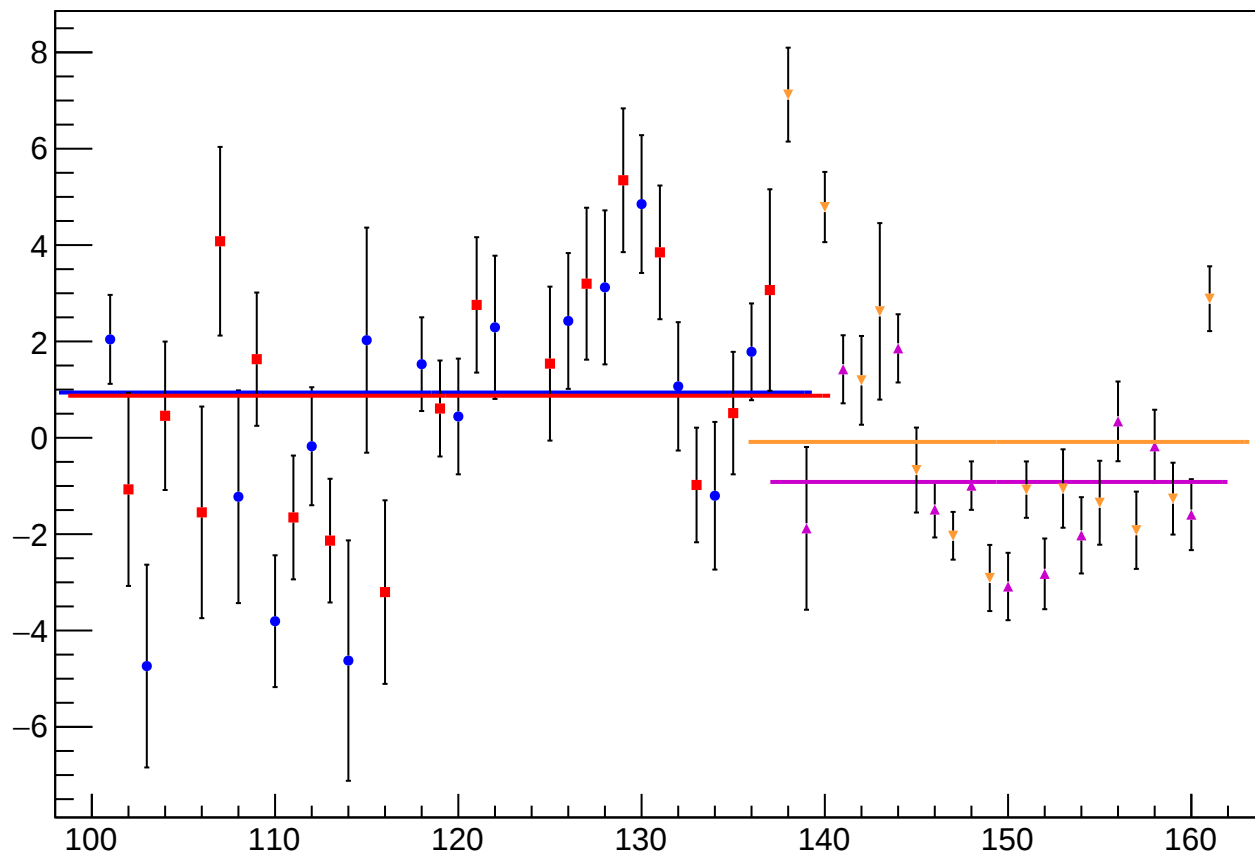
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.908 $\pm$ 0.304 χ^2 /NDF:422.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.863 $\pm$ 0.312 χ^2 /NDF:275.2/10

Left: -6.428 $\pm$ 0.218 χ^2 /NDF: 746.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.863 $\pm$ 0.312 χ^2 /NDF:275.2/10
 Out: -7.908 $\pm$ 0.304 χ^2 /NDF:422.9/12
 All: -6.428 $\pm$ 0.218 χ^2 /NDF: 746.9/23

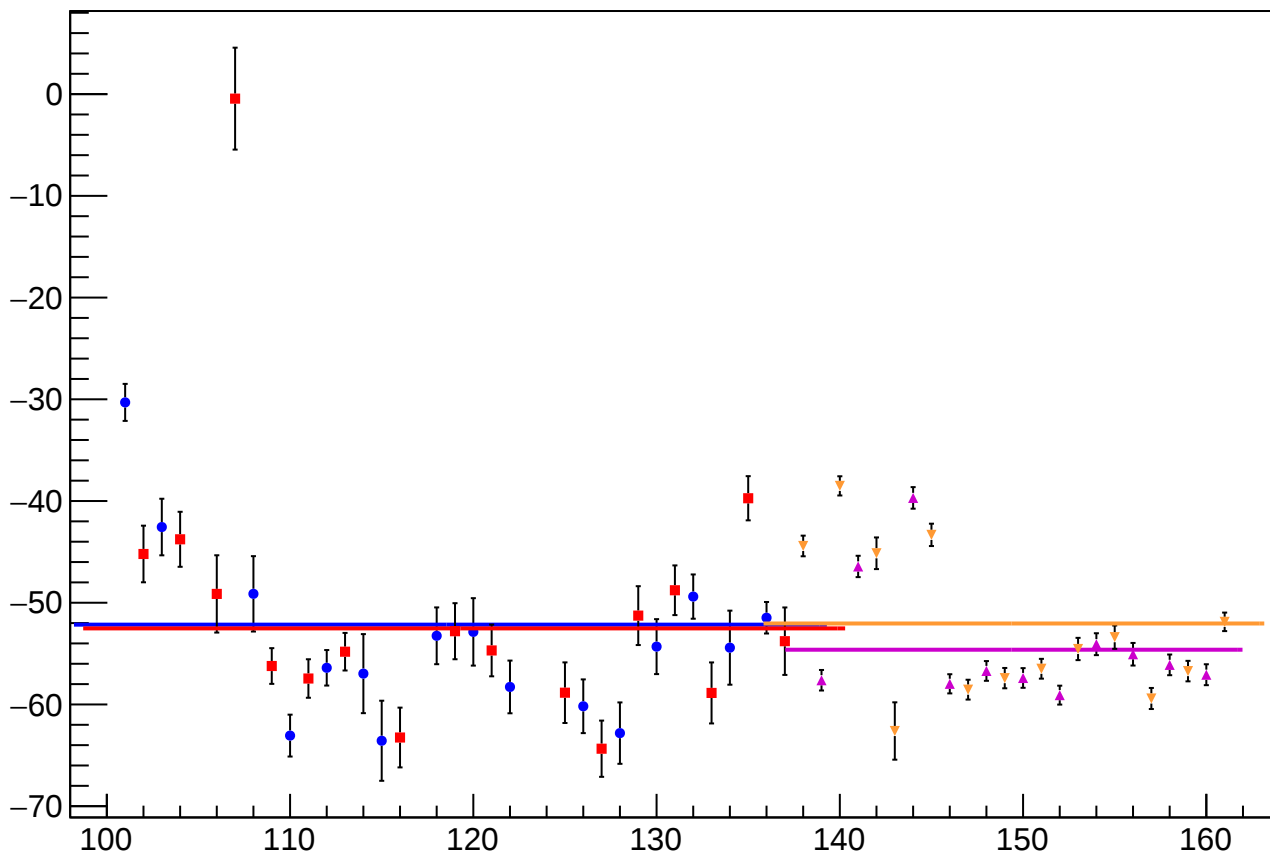
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$
 Left Out: -0.086 ± 0.208 $\chi^2/\text{NDF}: 170.0/12$
 Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$
 Left In: -0.917 ± 0.214 $\chi^2/\text{NDF}: 50.1/10$

Left: -0.488 ± 0.149 $\chi^2/\text{NDF}: 227.8/23$
 Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$
 In: -0.387 ± 0.181 $\chi^2/\text{NDF}: 113.8/26$
 Out: 0.160 ± 0.179 $\chi^2/\text{NDF}: 216.0/29$
 All: -0.111 ± 0.127 $\chi^2/\text{NDF}: 334.4/56$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -52.040 ± 0.298 χ^2/NDF : 531.3/12

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.619 ± 0.305 χ^2/NDF : 324.8/10

Left: -53.300 ± 0.213 χ^2/NDF : 892.8/23

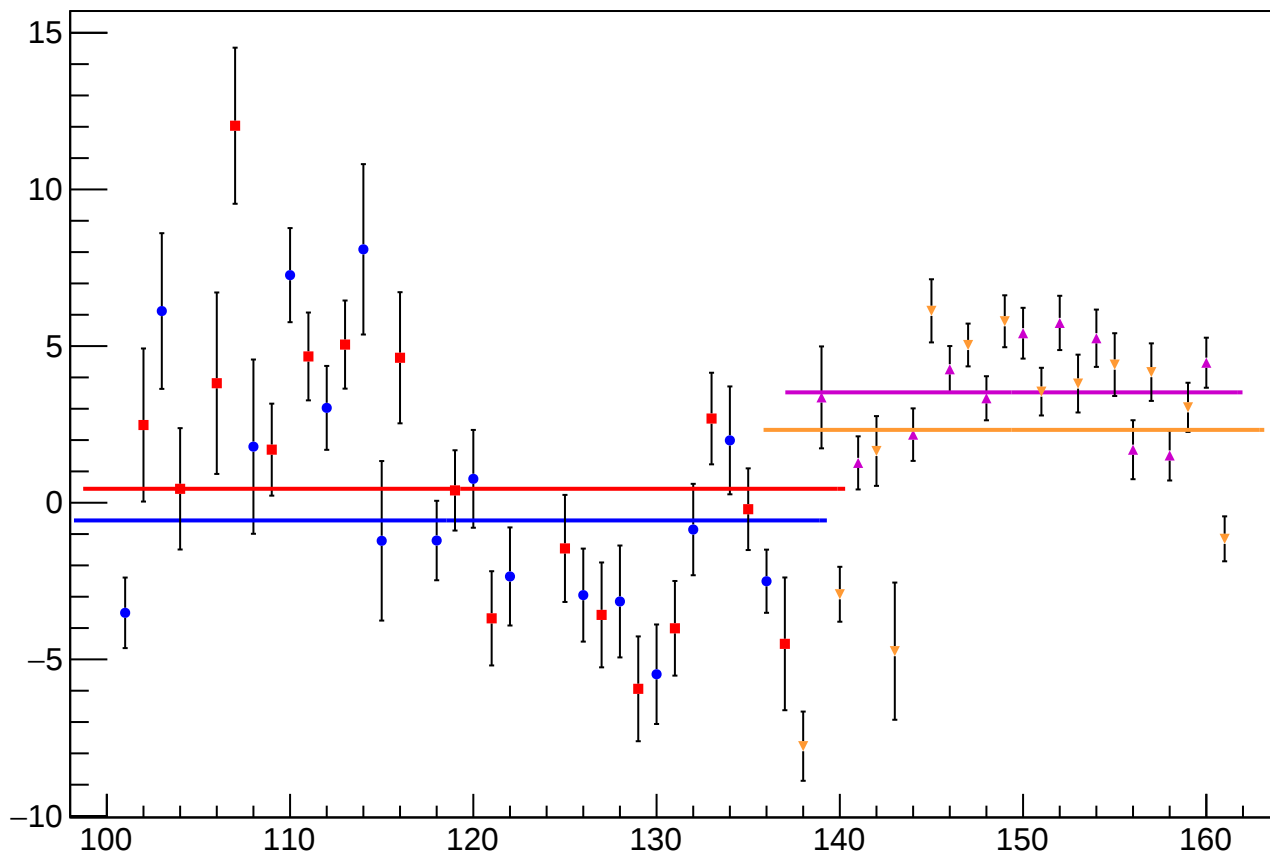
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -54.131 ± 0.273 χ^2/NDF : 568.8/26

Out: -52.131 ± 0.268 χ^2/NDF : 749.5/29

All: -53.114 ± 0.191 χ^2/NDF : 1345.7/56

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.326 ± 0.247 χ^2/NDF : 215.4/12

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 3.523 ± 0.255 χ^2/NDF : 37.8/10

Left: 2.905 ± 0.178 χ^2/NDF : 264.5/23

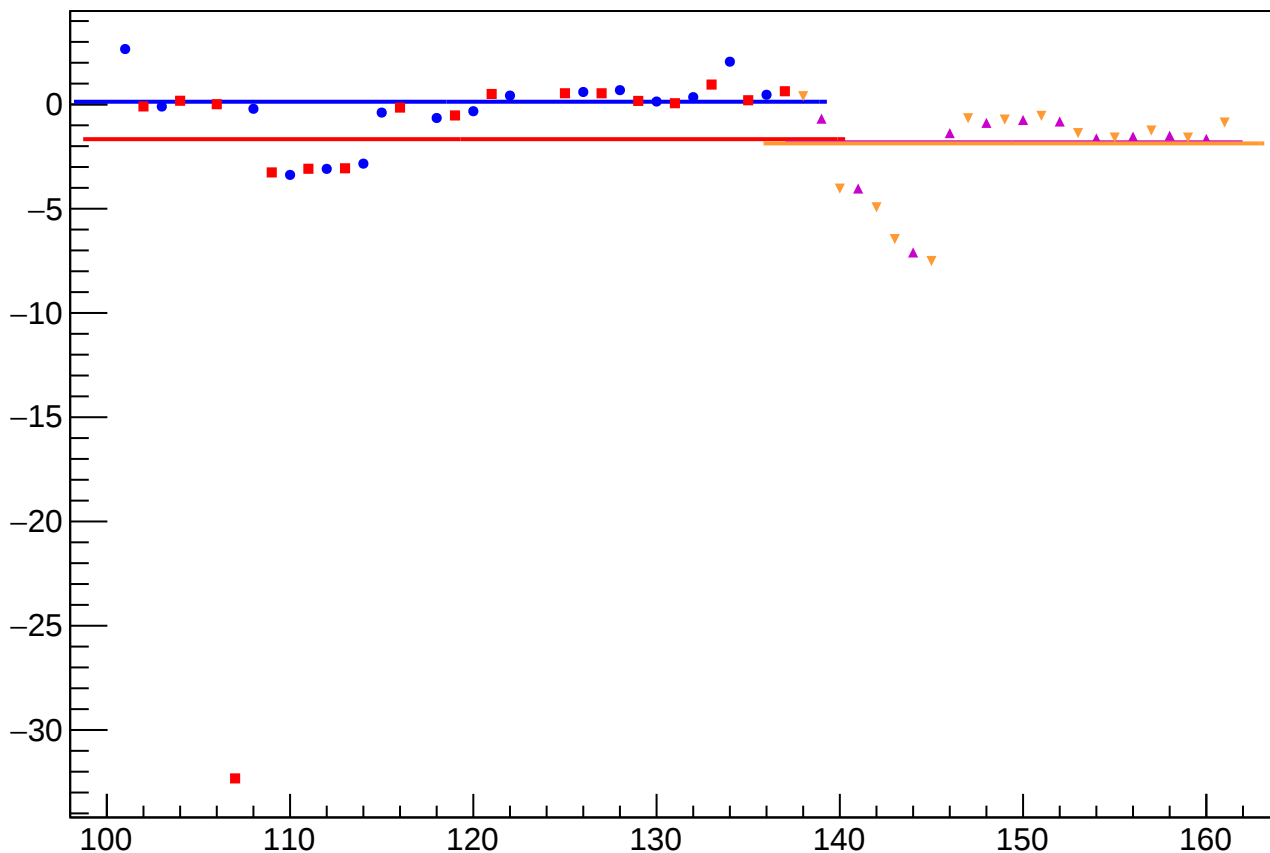
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 2.272 ± 0.213 χ^2/NDF : 198.1/26

Out: 1.806 ± 0.210 χ^2/NDF : 325.5/29

All: 2.037 ± 0.150 χ^2/NDF : 526.0/56

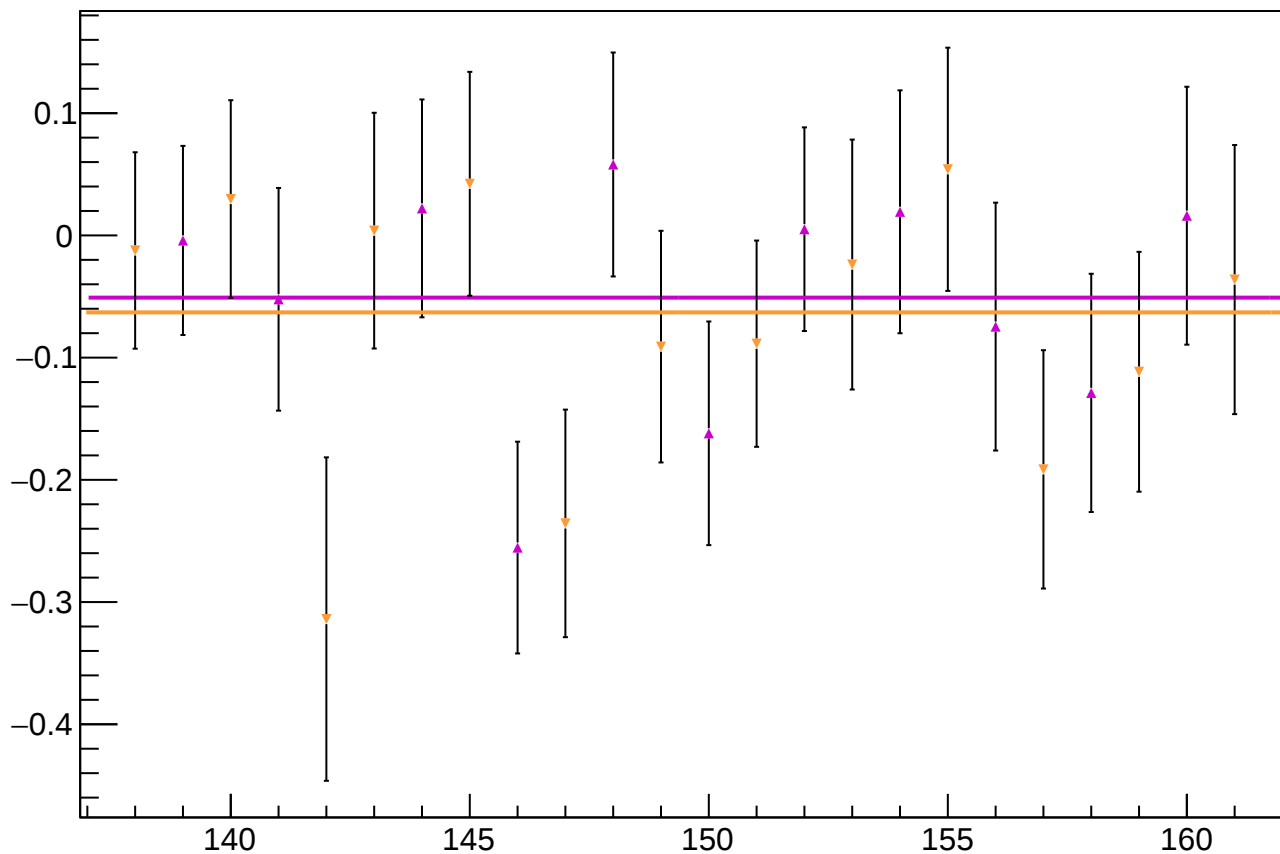
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.868 ± 0.012 $\chi^2/\text{NDF}: 30965.4/12$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.815 ± 0.012 $\chi^2/\text{NDF}: 18937.3/10$

Left: -1.842 ± 0.008 $\chi^2/\text{NDF}: 49913.0/23$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.363 ± 0.010 $\chi^2/\text{NDF}: 30445.7/26$
 Out: -1.824 ± 0.010 $\chi^2/\text{NDF}: 108635.7/29$
 All: -1.596 ± 0.007 $\chi^2/\text{NDF}: 140078.1/56$

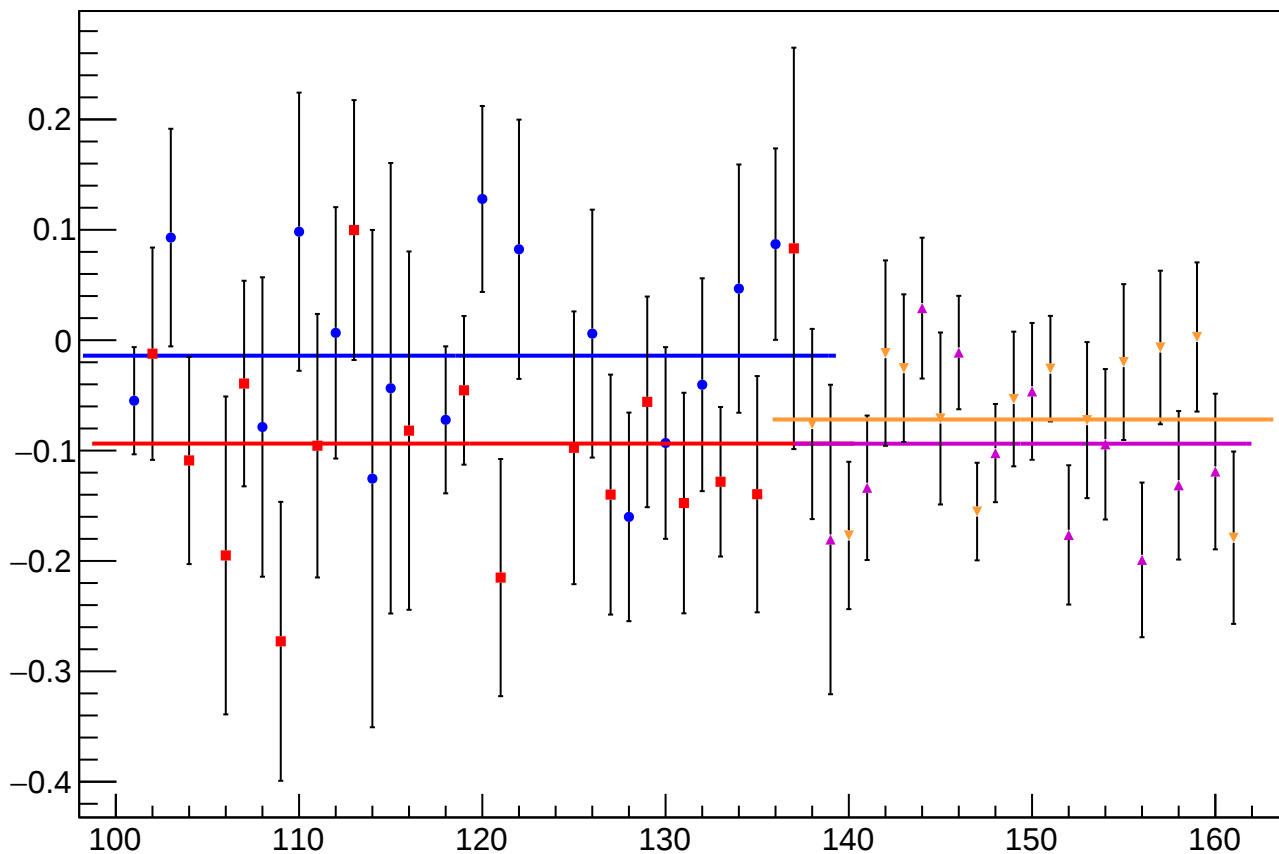
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.051 $\pm$ 0.027 χ^2 /NDF:11.5/10

Left: -0.057 $\pm$ 0.019 χ^2 /NDF: 25.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.051 $\pm$ 0.027 χ^2 /NDF:11.5/10
 Out: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 All: -0.057 $\pm$ 0.019 χ^2 /NDF: 25.9/23

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.072 ± 0.018 χ^2/NDF : 12.6/12

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.094 ± 0.019 χ^2/NDF : 12.1/10

Left: -0.082 ± 0.013 χ^2/NDF : 25.4/23

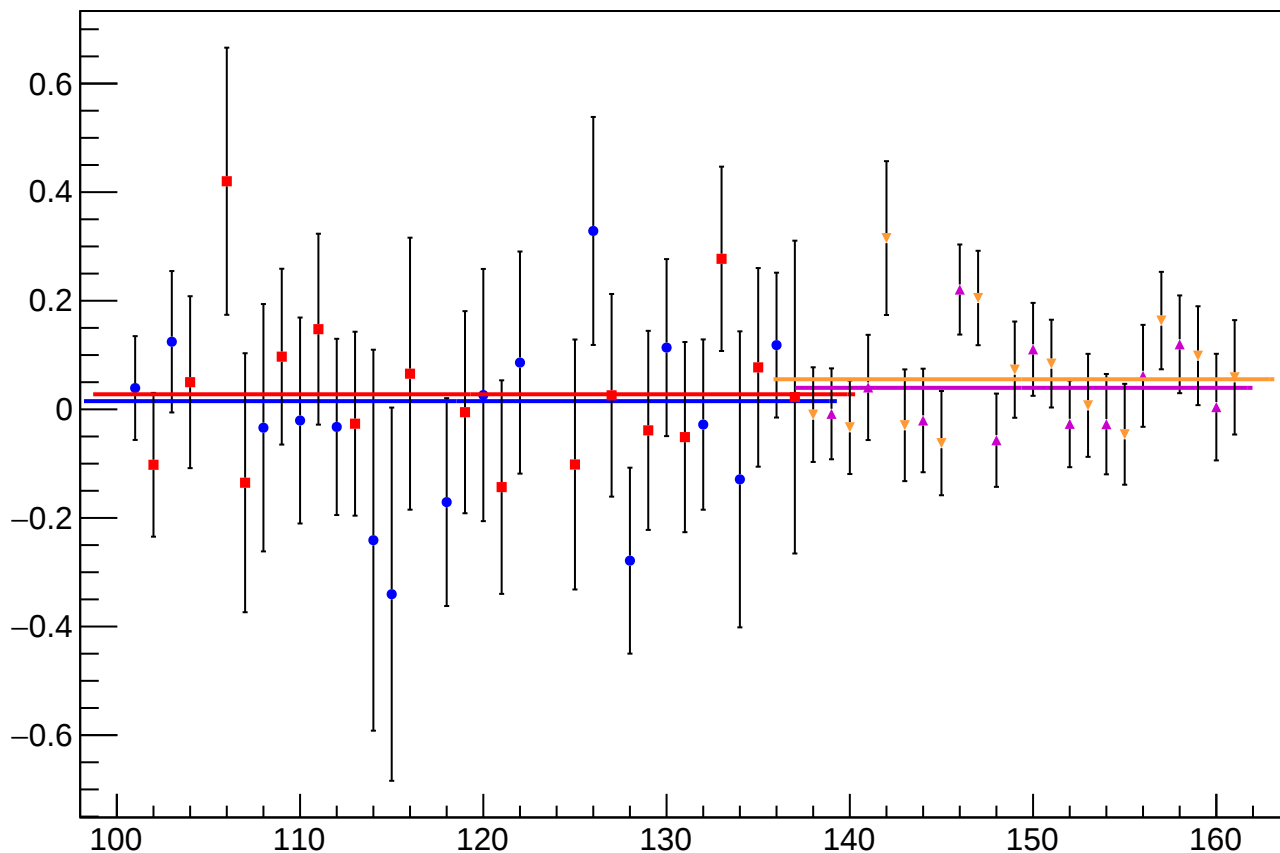
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.062 ± 0.015 χ^2/NDF : 31.6/26

Out: -0.079 ± 0.015 χ^2/NDF : 23.2/29

All: -0.071 ± 0.010 χ^2/NDF : 55.5/56

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.055 $\pm$ 0.026 χ^2 /NDF:13.4/12

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.040 $\pm$ 0.027 χ^2 /NDF:9.6/10

Left: 0.048 $\pm$ 0.019 χ^2 /NDF: 23.2/23

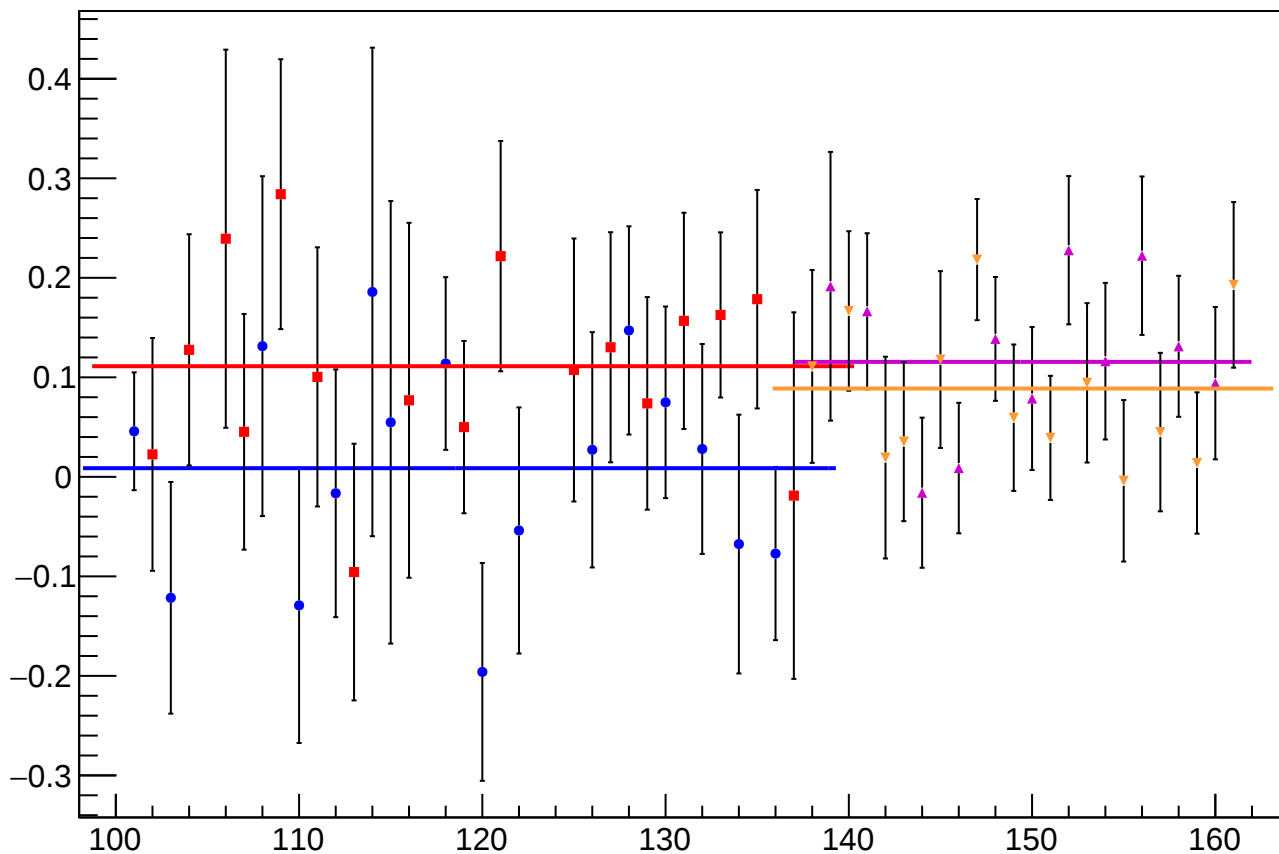
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.033 $\pm$ 0.023 χ^2 /NDF:20.0/26

Out: 0.049 $\pm$ 0.022 χ^2 /NDF:22.1/29

All: 0.041 $\pm$ 0.016 χ^2 /NDF: 42.3/56

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 χ^2/NDF : 12.6/15

Left Out: 0.089 ± 0.022 χ^2/NDF : 11.6/12

Right Out: 0.111 ± 0.029 χ^2/NDF : 8.6/16

Left In: 0.116 ± 0.023 χ^2/NDF : 11.0/10

Left: 0.101 ± 0.016 χ^2/NDF : 23.4/23

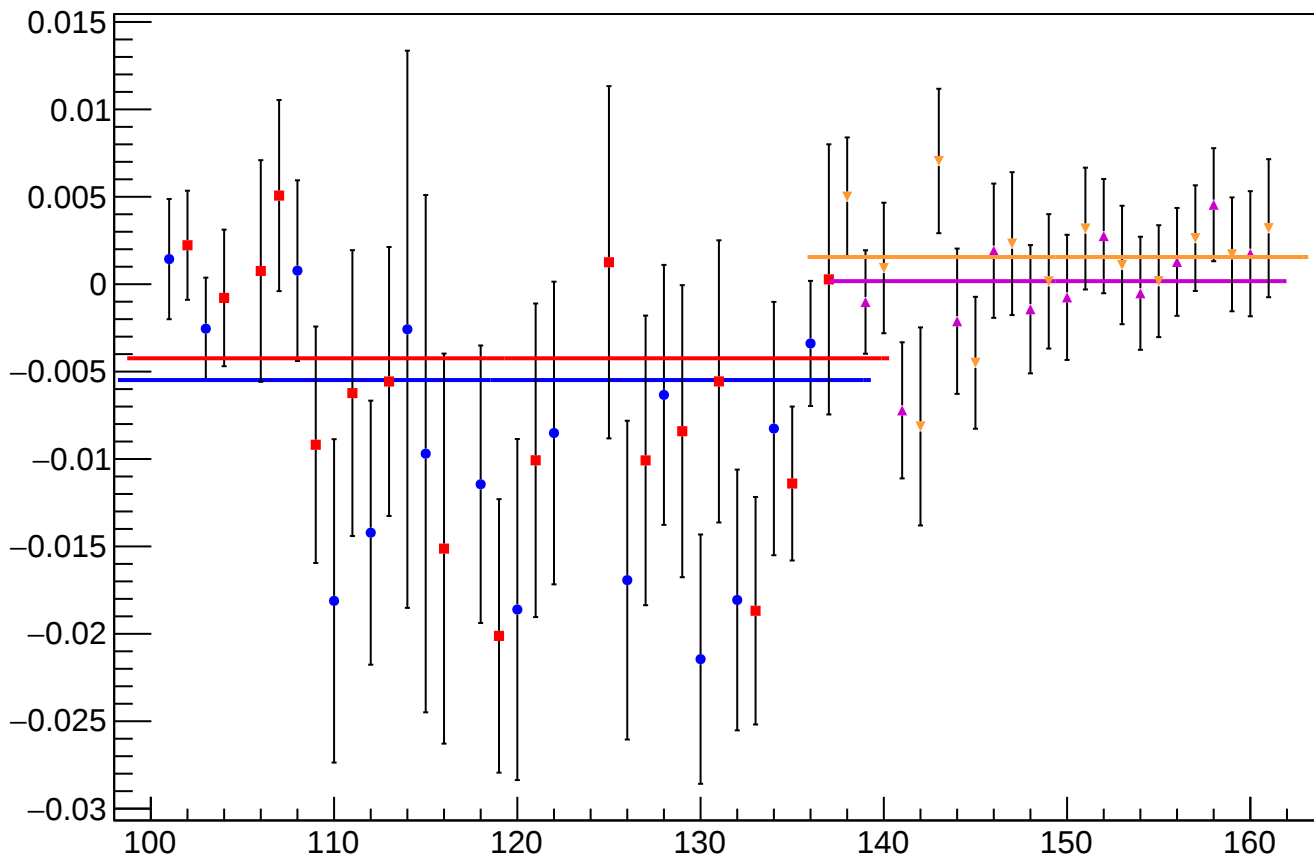
Right: 0.057 ± 0.020 χ^2/NDF : 28.0/32

In: 0.071 ± 0.017 χ^2/NDF : 32.8/26

Out: 0.097 ± 0.017 χ^2/NDF : 20.6/29

All: 0.084 ± 0.012 χ^2/NDF : 54.5/56

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.002 ± 0.001 χ^2/NDF : 9.2/12

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/10

Left: 0.001 ± 0.001 χ^2/NDF : 17.5/23

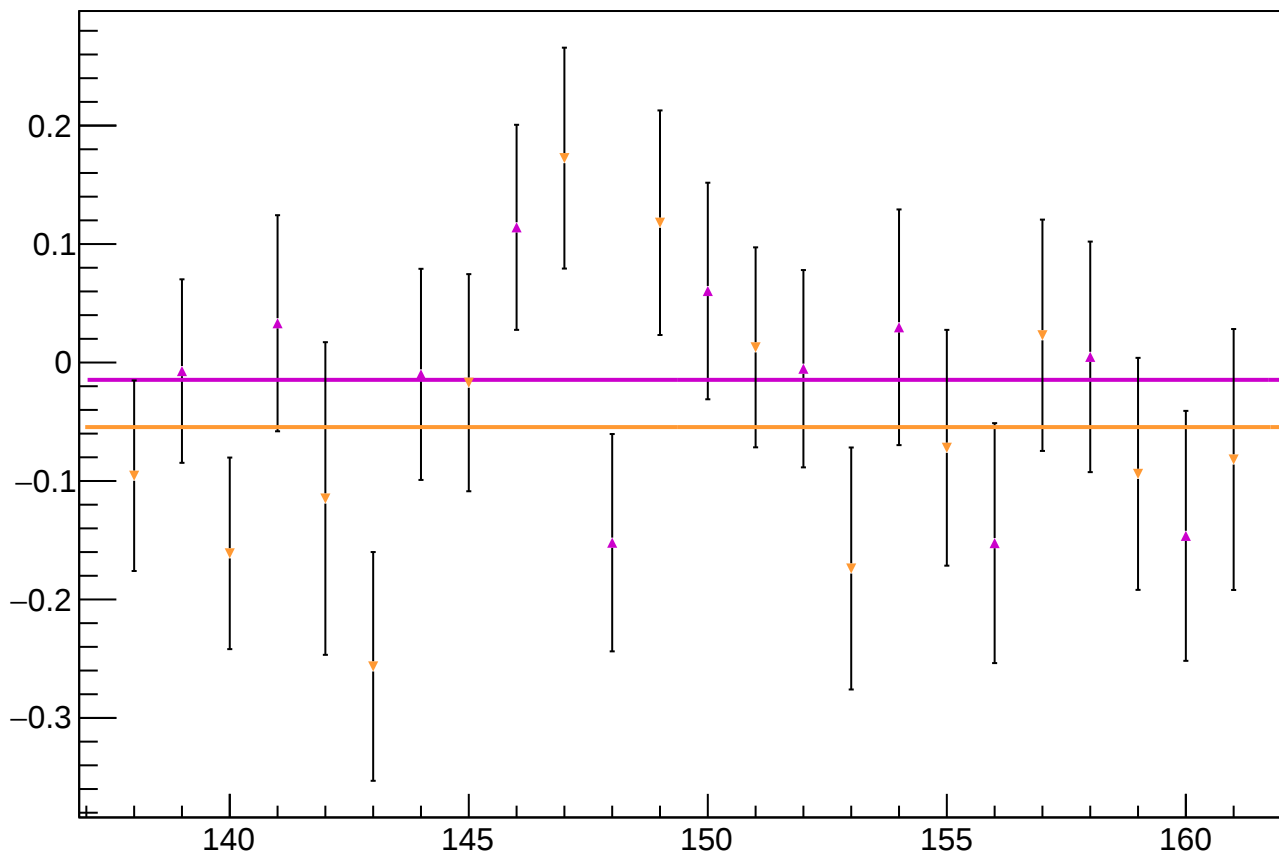
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 39.8/26

Out: -0.000 ± 0.001 χ^2/NDF : 43.5/29

All: -0.001 ± 0.001 χ^2/NDF : 84.8/56

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: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.015 $\pm$ 0.027 χ^2 /NDF:9.1/10

Left: -0.035 $\pm$ 0.019 χ^2 /NDF: 29.1/23

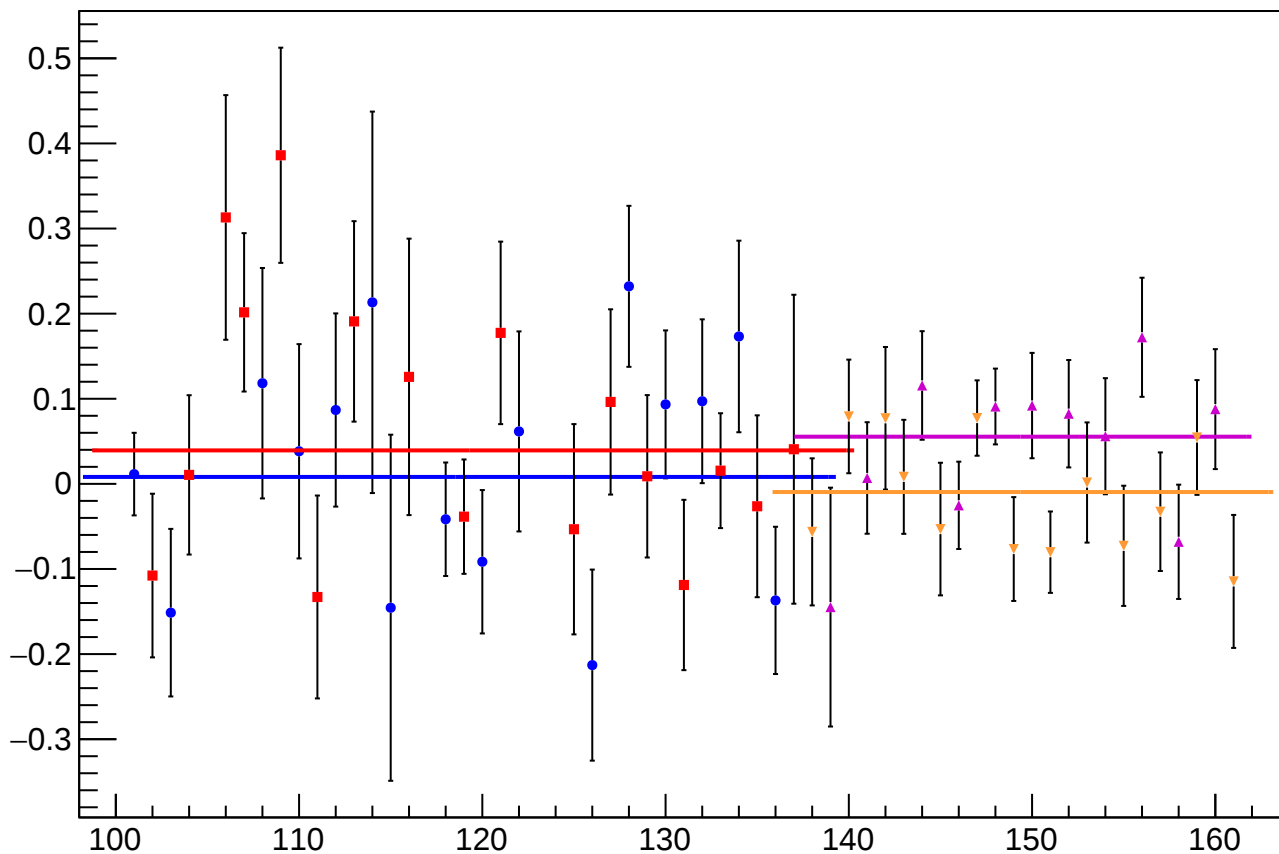
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.015 $\pm$ 0.027 χ^2 /NDF:9.1/10

Out: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12

All: -0.035 $\pm$ 0.019 χ^2 /NDF: 29.1/23

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: -0.010 ± 0.018 χ^2/NDF : 14.4/12

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.055 ± 0.019 χ^2/NDF : 13.5/10

Left: 0.021 ± 0.013 χ^2/NDF : 34.1/23

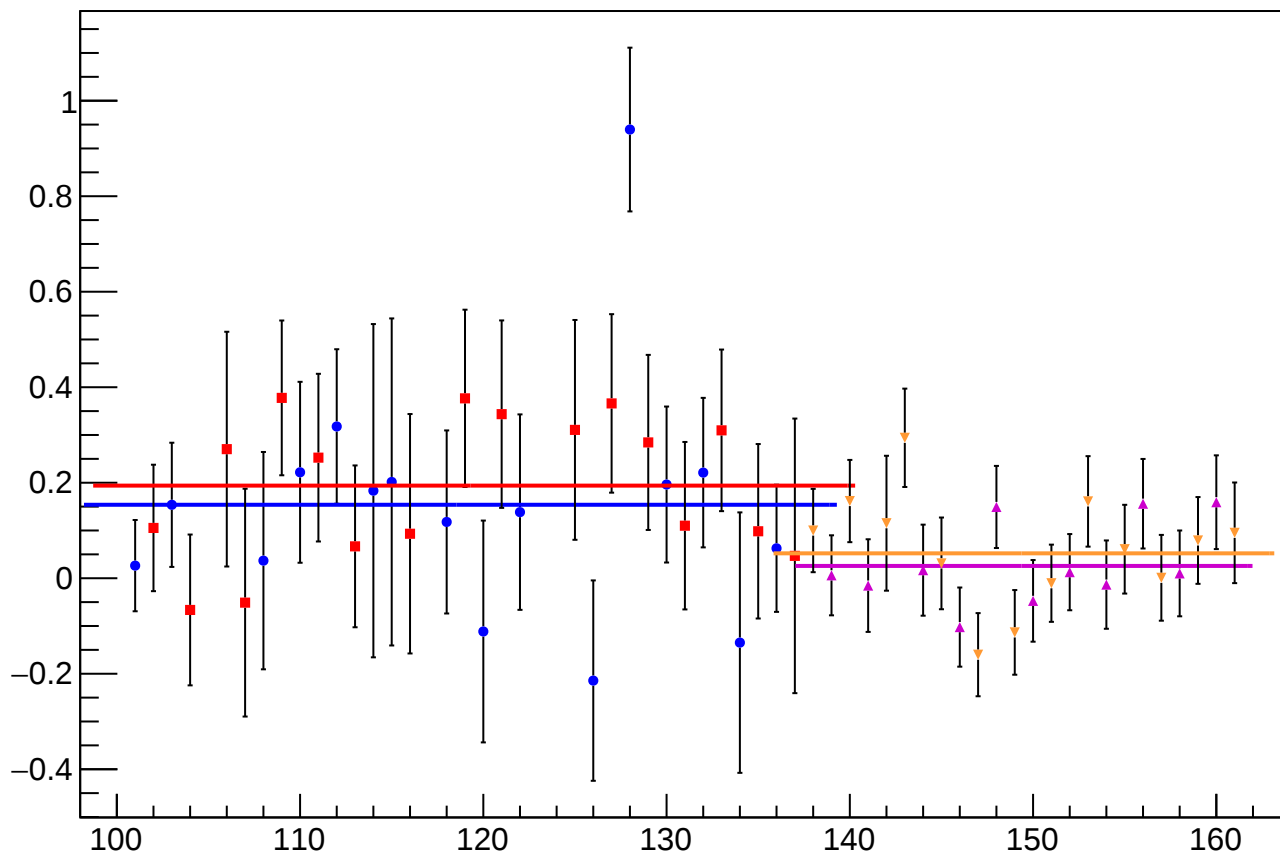
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.036 ± 0.015 χ^2/NDF : 39.6/26

Out: 0.007 ± 0.015 χ^2/NDF : 44.6/29

All: 0.022 ± 0.010 χ^2/NDF : 86.2/56

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.052 ± 0.026 χ^2/NDF : 19.6/12

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: 0.026 ± 0.027 χ^2/NDF : 9.4/10

Left: 0.039 ± 0.019 χ^2/NDF : 29.6/23

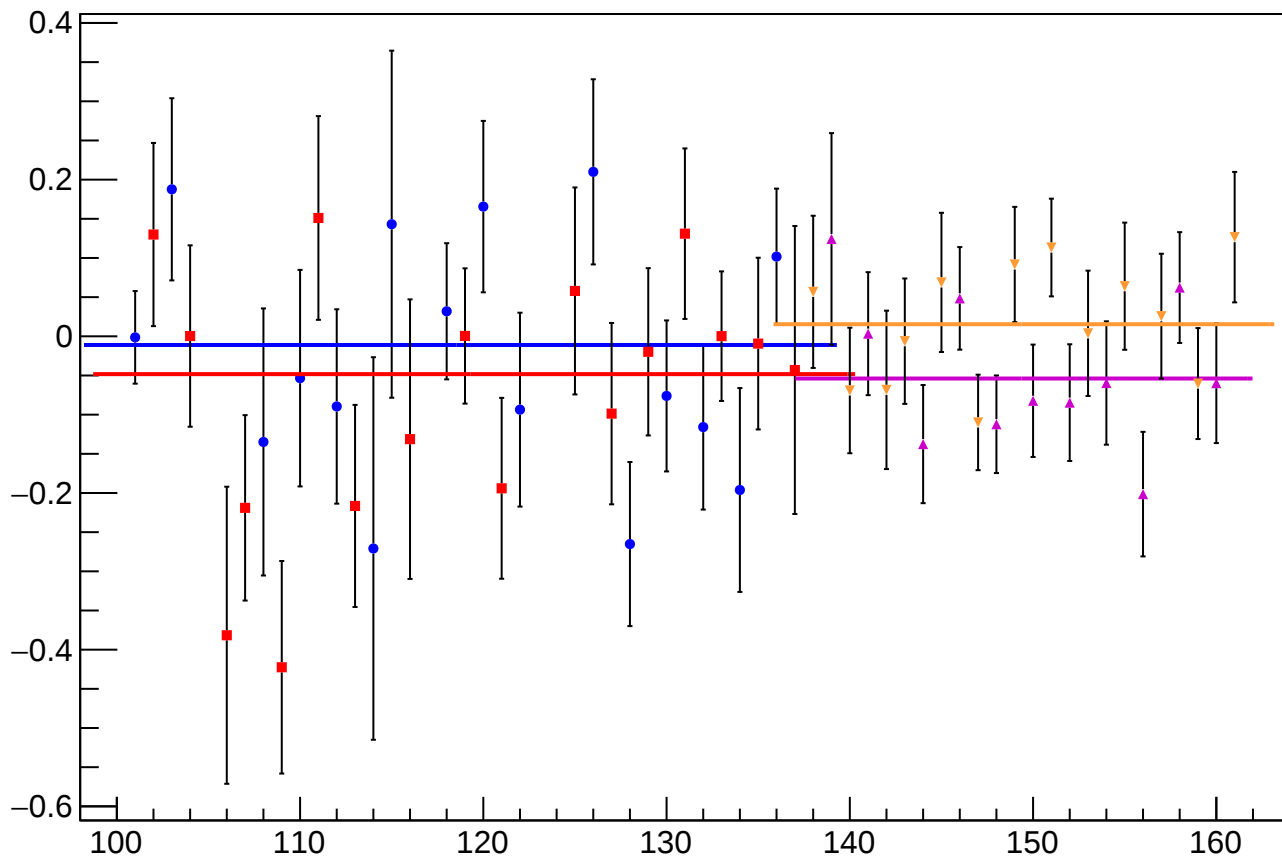
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.062 ± 0.023 χ^2/NDF : 46.4/26

Out: 0.087 ± 0.022 χ^2/NDF : 37.7/29

All: 0.075 ± 0.016 χ^2/NDF : 84.7/56

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.015 ± 0.022 χ^2/NDF : 13.5/12

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.054 ± 0.023 χ^2/NDF : 13.3/10

Left: -0.017 ± 0.016 χ^2/NDF : 31.7/23

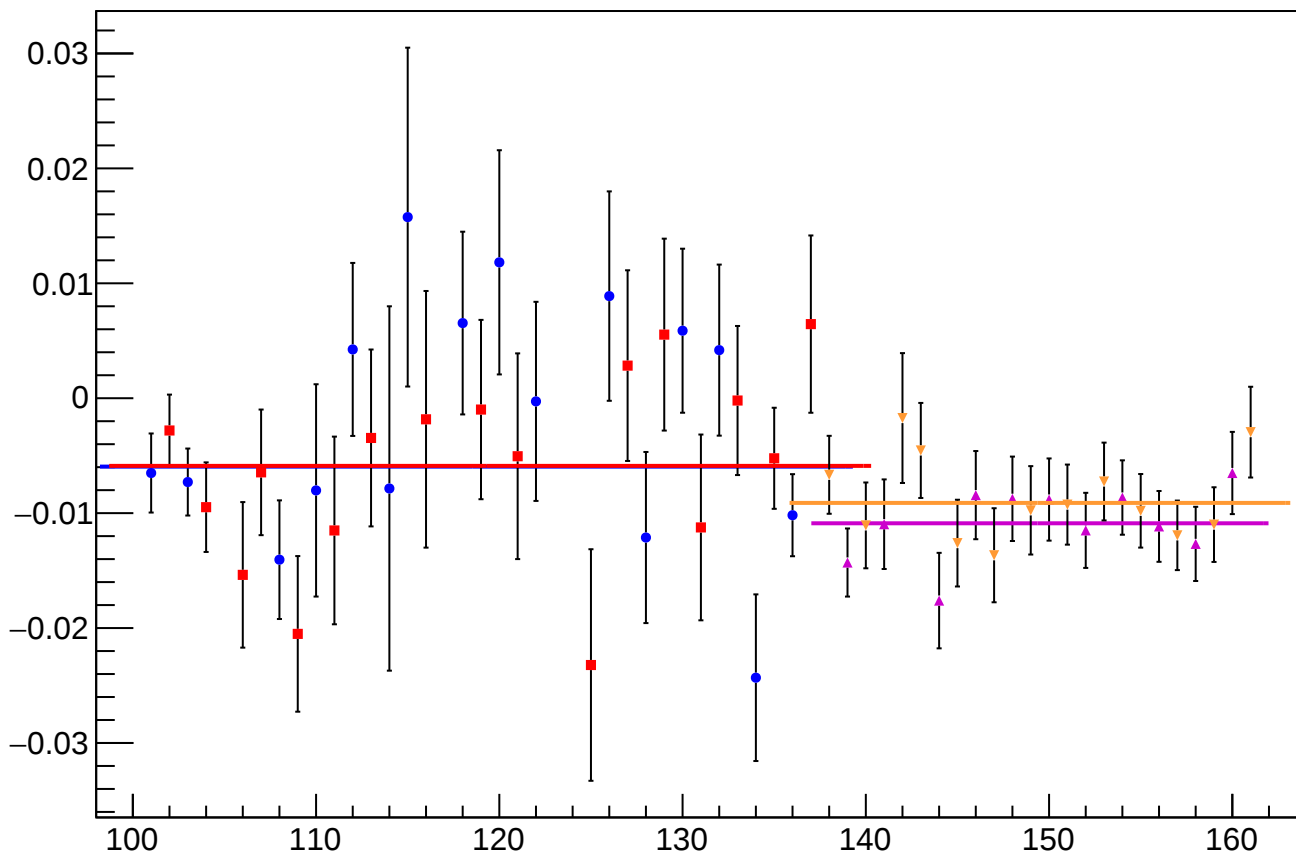
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.036 ± 0.017 χ^2/NDF : 38.2/26

Out: -0.008 ± 0.017 χ^2/NDF : 42.2/29

All: -0.022 ± 0.012 χ^2/NDF : 81.8/56

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 : 9.8/12

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 7.4/10

Left: -0.010 ± 0.001 χ^2/NDF : 18.7/23

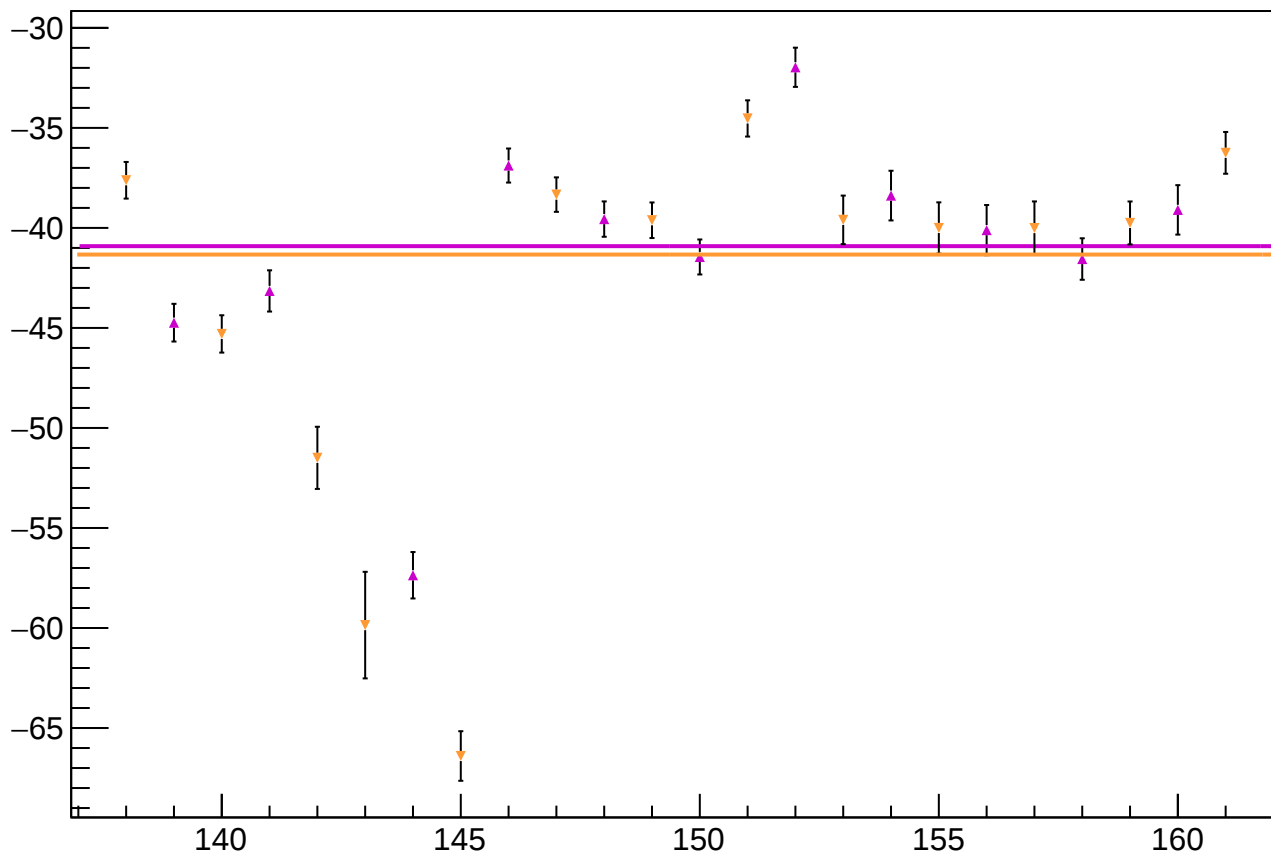
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 43.8/26

Out: -0.008 ± 0.001 χ^2/NDF : 32.7/29

All: -0.009 ± 0.001 χ^2/NDF : 77.4/56

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.332+/-0.301 χ^2/NDF :636.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.912+/-0.306 χ^2/NDF :337.6/10

Left: -41.125+/-0.215 χ^2/NDF : 975.4/23

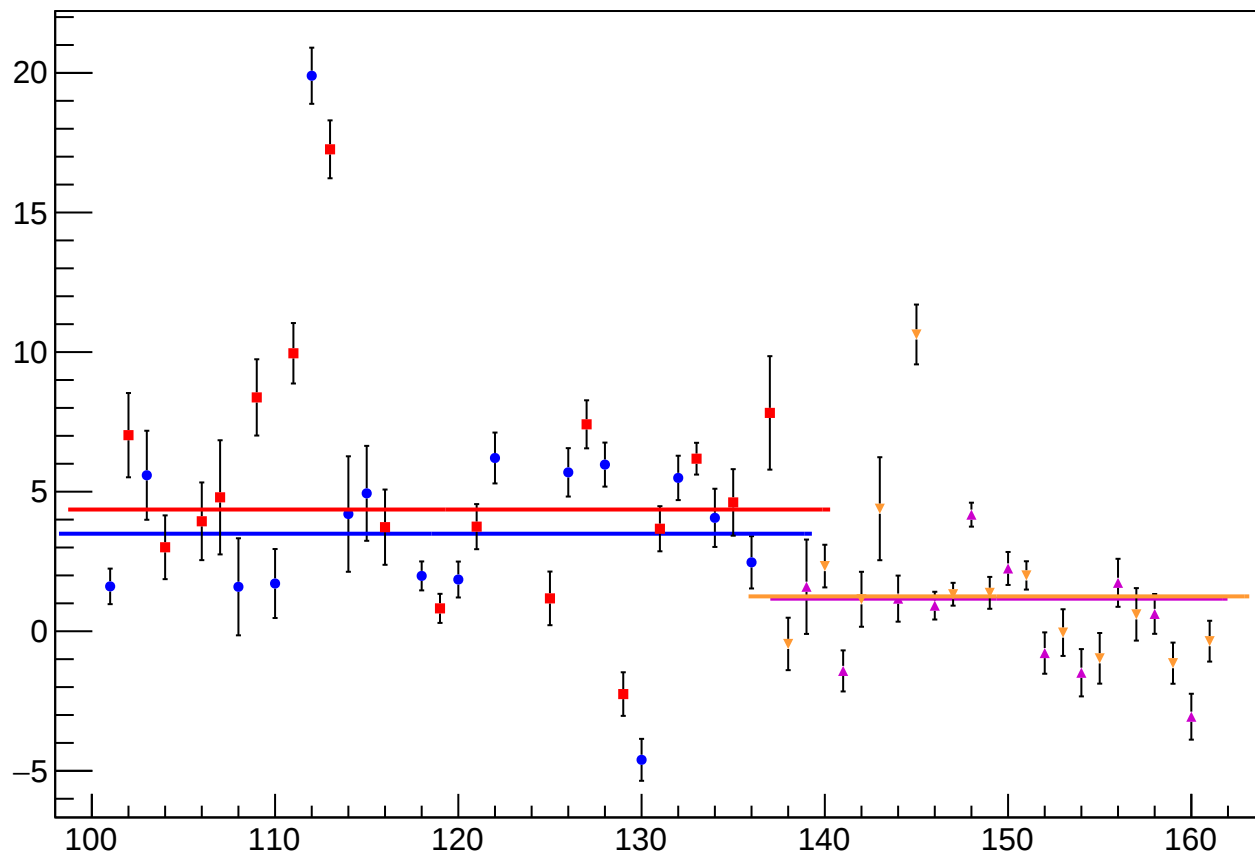
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.912+/-0.306 χ^2/NDF :337.6/10

Out: -41.332+/-0.301 χ^2/NDF :636.8/12

All: -41.125+/-0.215 χ^2/NDF : 975.4/23

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.249 ± 0.198 $\chi^2/\text{NDF}: 111.4/12$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: 1.167 ± 0.204 $\chi^2/\text{NDF}: 109.5/10$

Left: 1.209 ± 0.142 $\chi^2/\text{NDF}: 220.9/23$

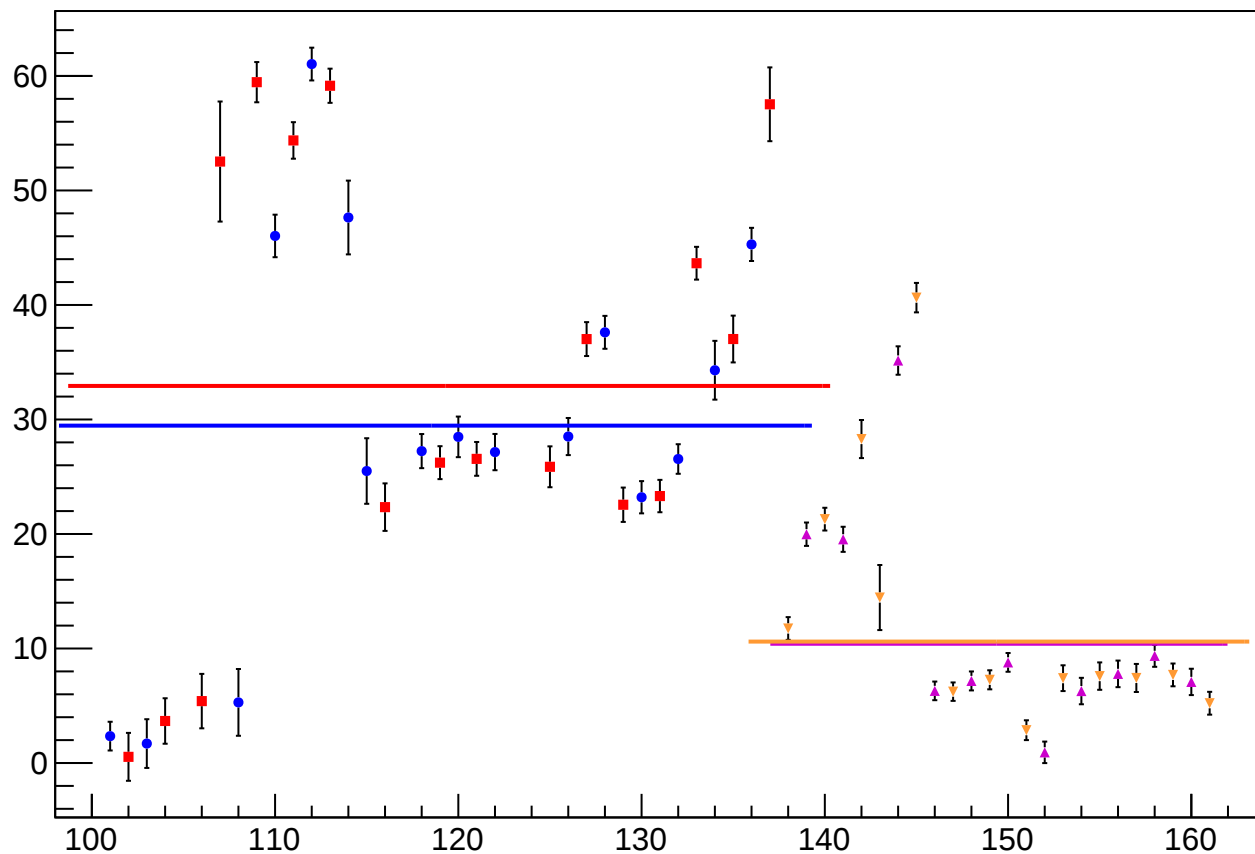
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.255 ± 0.149 $\chi^2/\text{NDF}: 615.2/26$

Out: 2.605 ± 0.149 $\chi^2/\text{NDF}: 569.9/29$

All: 2.430 ± 0.105 $\chi^2/\text{NDF}: 1187.8/56$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 10.604+/-0.293 χ^2/NDF : 961.9/12

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 10.414+/-0.296 χ^2/NDF : 728.8/10

Left: 10.510+/-0.209 χ^2/NDF : 1690.9/23

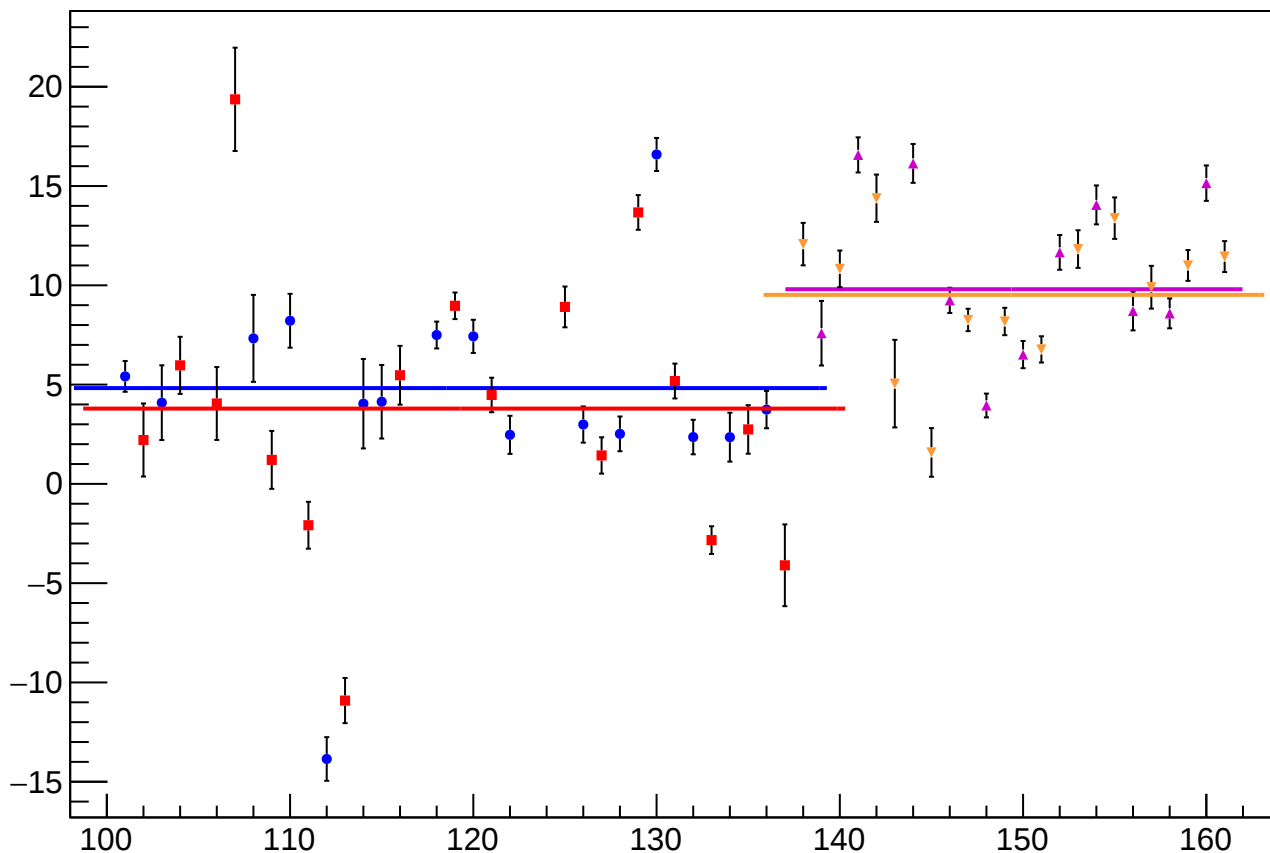
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 16.800+/-0.242 χ^2/NDF : 3604.2/26

Out: 17.846+/-0.241 χ^2/NDF : 4464.0/29

All: 17.324+/-0.171 χ^2/NDF : 8077.5/56

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.519 $\pm$ 0.240 χ^2 /NDF:126.1/12

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.803 $\pm$ 0.246 χ^2 /NDF:284.5/10

Left: 9.657 $\pm$ 0.172 χ^2 /NDF: 411.3/23

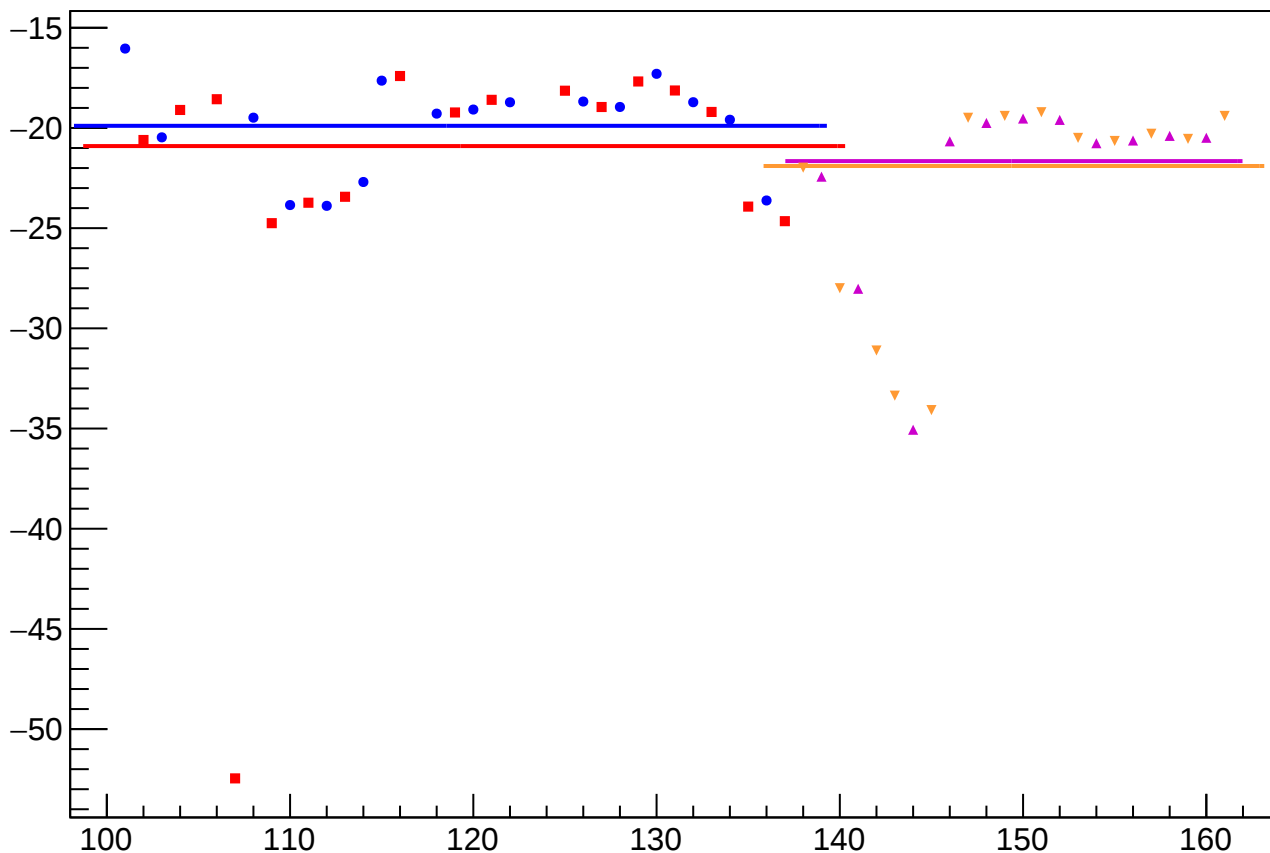
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.368 $\pm$ 0.176 χ^2 /NDF:1037.4/26

Out: 6.874 $\pm$ 0.176 χ^2 /NDF:952.9/29

All: 7.121 $\pm$ 0.124 χ^2 /NDF: 1994.2/56

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -21.898 ± 0.012 χ^2/NDF : 129667.8/12

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -21.653 ± 0.012 χ^2/NDF : 95367.7/10

Left: -21.776 ± 0.008 χ^2/NDF : 225256.3/23

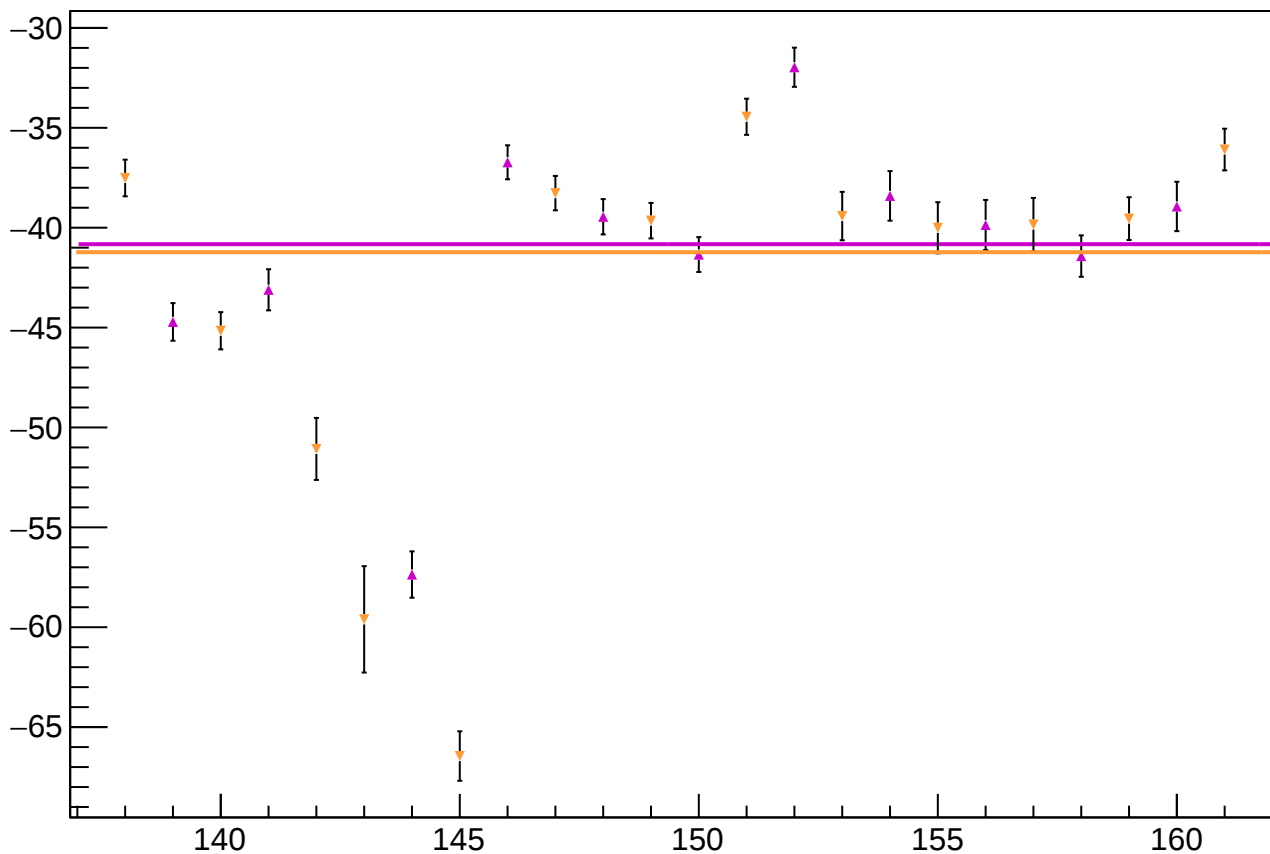
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -21.022 ± 0.009 χ^2/NDF : 129645.6/26

Out: -21.546 ± 0.009 χ^2/NDF : 225048.6/29

All: -21.283 ± 0.007 χ^2/NDF : 356262.8/56

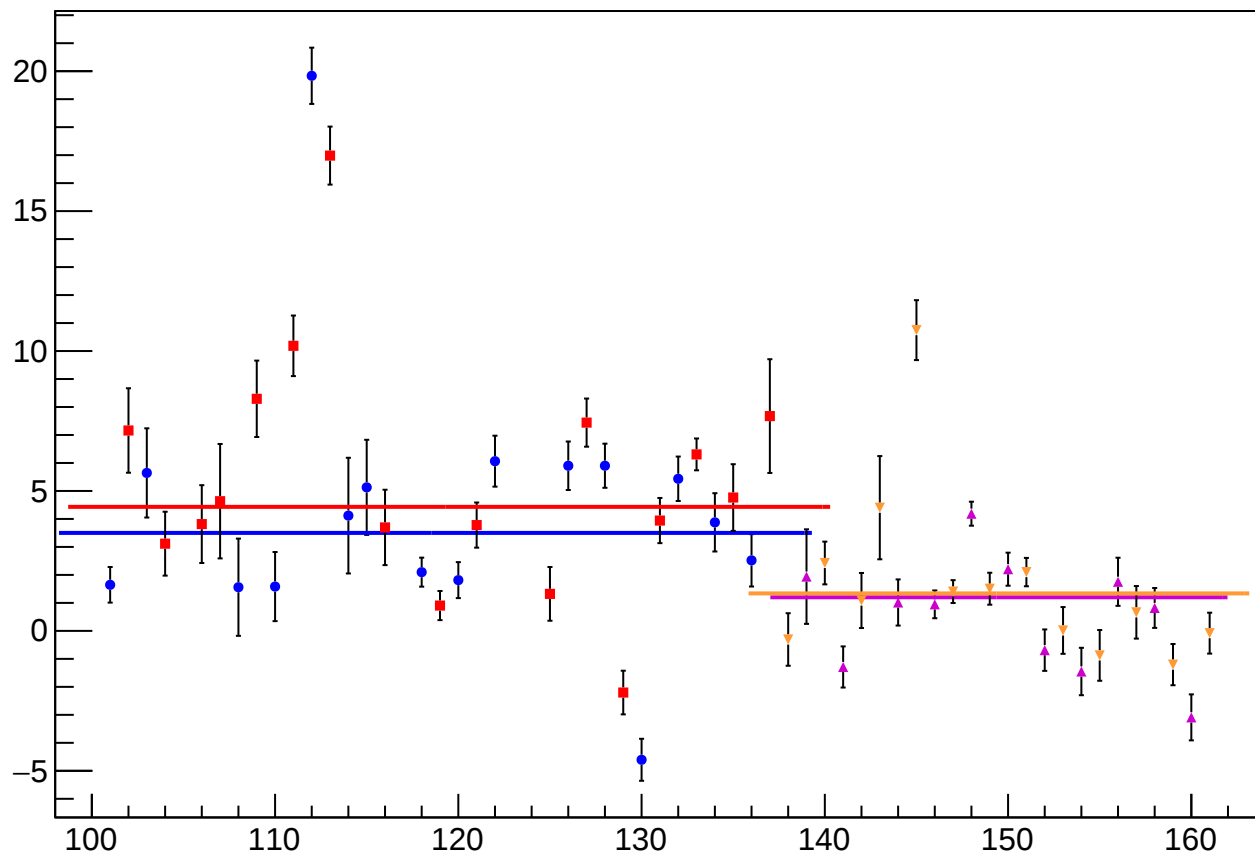
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.227+/-0.301 χ^2/NDF : 638.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.825+/-0.306 χ^2/NDF : 340.1/10

Left: -41.029+/-0.215 χ^2/NDF : 979.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.825+/-0.306 χ^2/NDF : 340.1/10
 Out: -41.227+/-0.301 χ^2/NDF : 638.6/12
 All: -41.029+/-0.215 χ^2/NDF : 979.6/23

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.340 ± 0.198 $\chi^2/\text{NDF}: 112.2/12$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.200 ± 0.204 $\chi^2/\text{NDF}: 107.7/10$

Left: 1.272 ± 0.142 $\chi^2/\text{NDF}: 220.1/23$

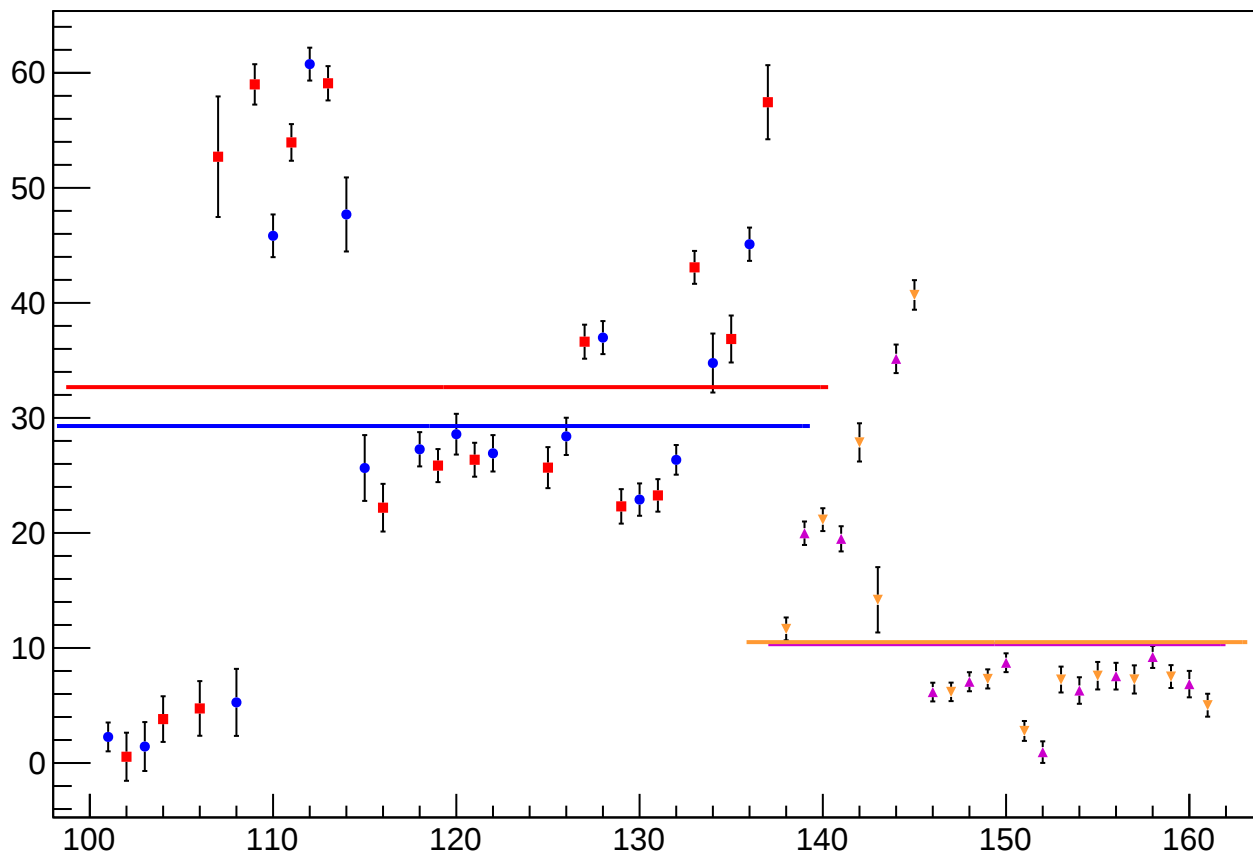
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.276 ± 0.149 $\chi^2/\text{NDF}: 609.2/26$

Out: 2.688 ± 0.149 $\chi^2/\text{NDF}: 562.2/29$

All: 2.482 ± 0.105 $\chi^2/\text{NDF}: 1175.1/56$

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: 10.509 $\pm$ 0.293 χ^2 /NDF:962.7/12

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 10.329 $\pm$ 0.296 χ^2 /NDF:733.6/10

Left: 10.420 $\pm$ 0.208 χ^2 /NDF: 1696.5/23

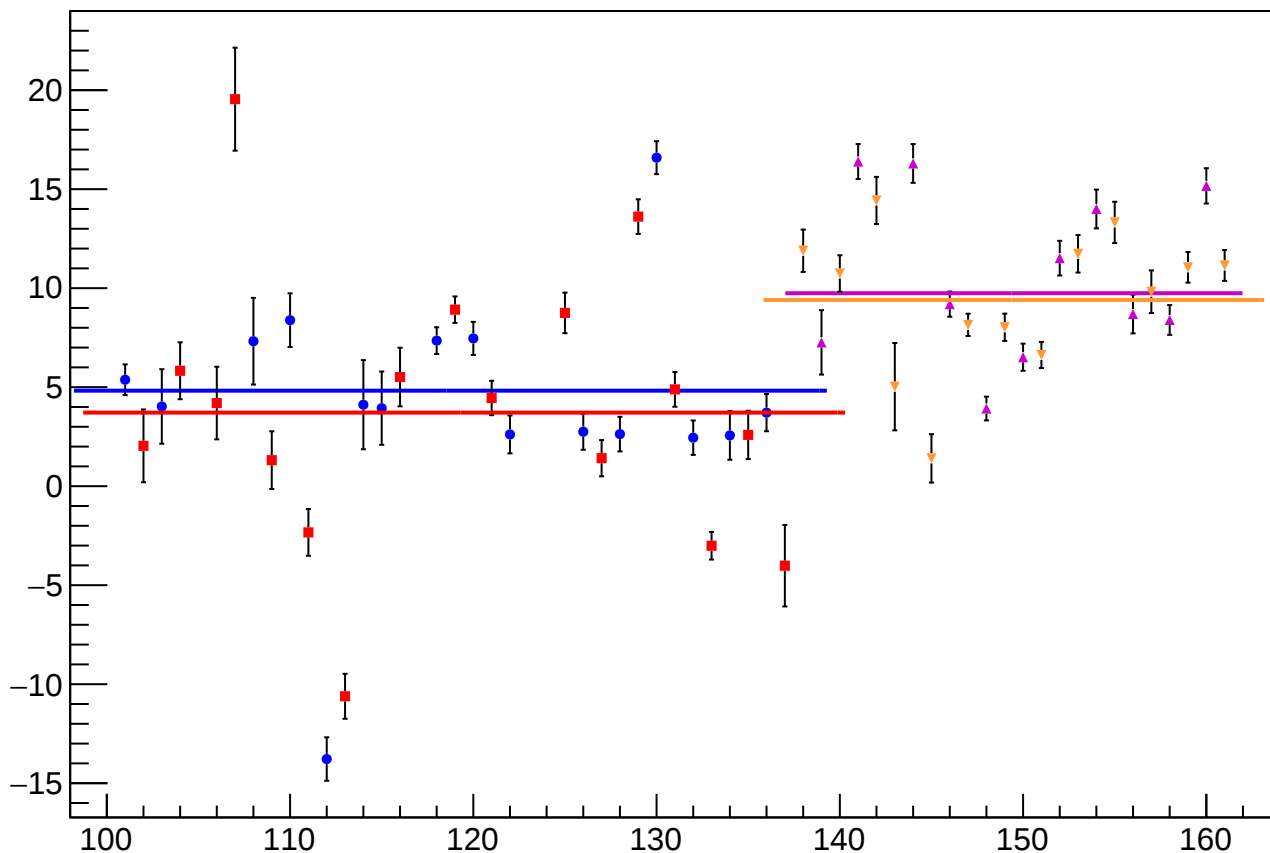
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 16.688 $\pm$ 0.242 χ^2 /NDF:3592.6/26

Out: 17.702 $\pm$ 0.241 χ^2 /NDF:4431.4/29

All: 17.196 $\pm$ 0.171 χ^2 /NDF: 8032.8/56

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.404 $\pm$ 0.240 χ^2 /NDF:128.5/12

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 9.746 $\pm$ 0.246 χ^2 /NDF:285.6/10

Left: 9.570 $\pm$ 0.172 χ^2 /NDF: 415.1/23

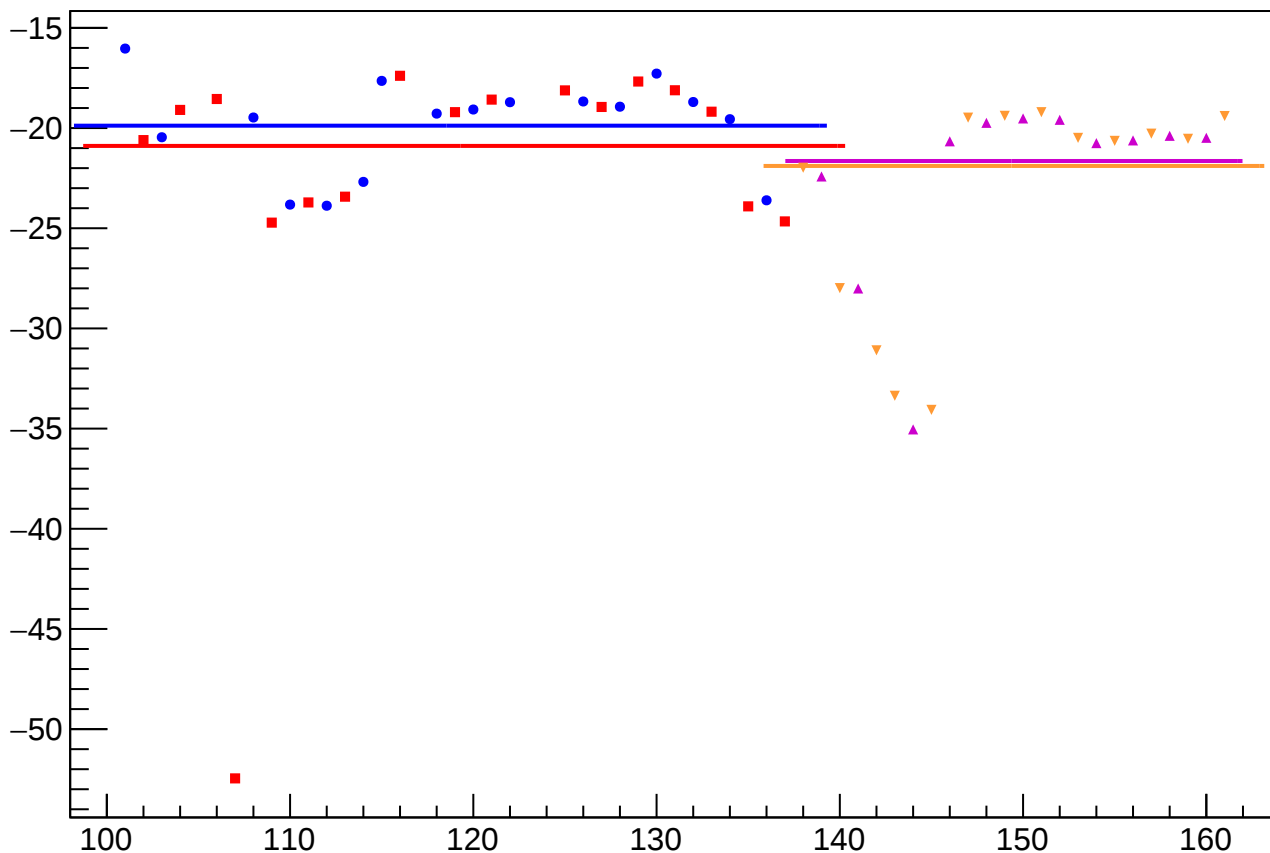
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 7.339 $\pm$ 0.176 χ^2 /NDF:1030.5/26

Out: 6.777 $\pm$ 0.176 χ^2 /NDF:948.4/29

All: 7.058 $\pm$ 0.124 χ^2 /NDF: 1984.0/56

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -21.891 $\pm$ 0.012 χ^2 /NDF:129739.6/12

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -21.643 $\pm$ 0.012 χ^2 /NDF:95303.7/10

Left: -21.767 $\pm$ 0.008 χ^2 /NDF: 225268.8/23

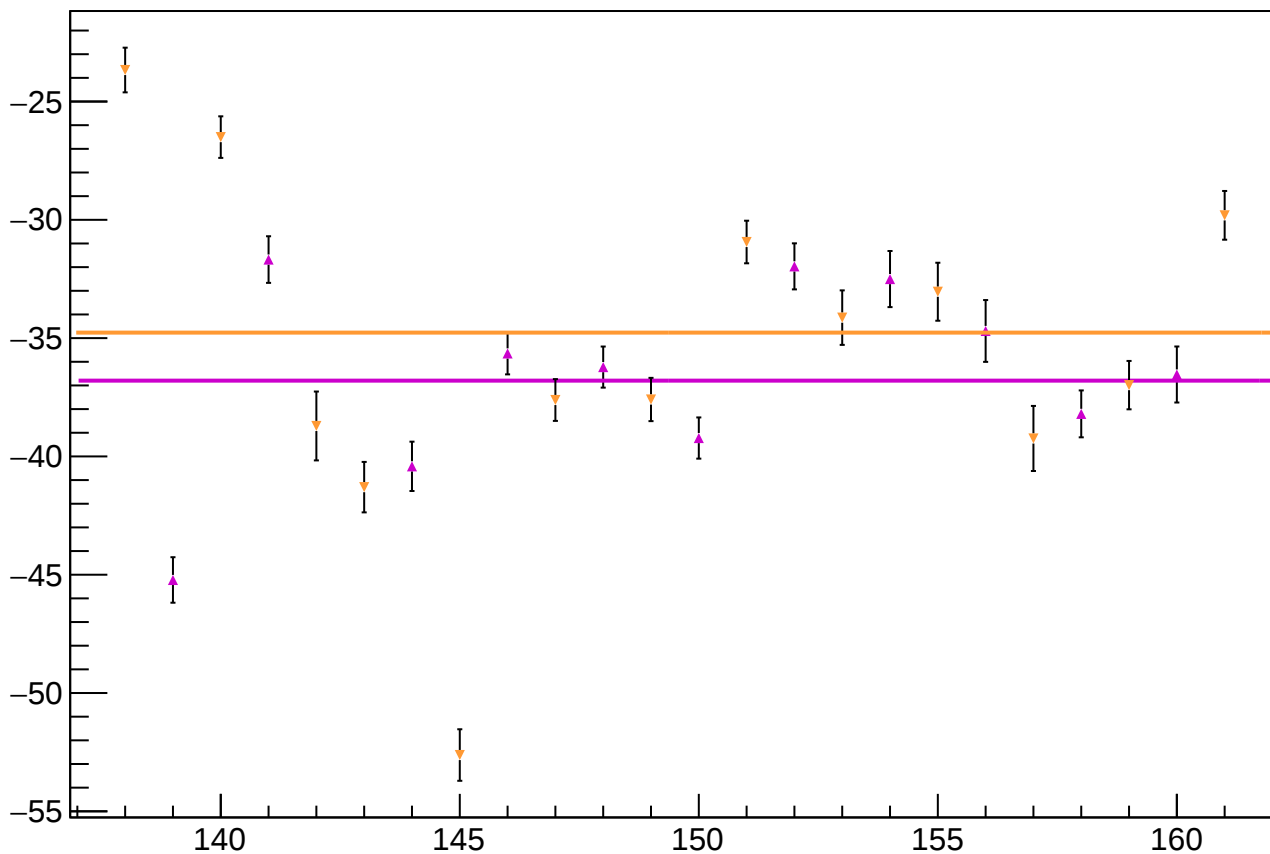
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.011 $\pm$ 0.009 χ^2 /NDF:129597.9/26

Out: -21.536 $\pm$ 0.009 χ^2 /NDF:225262.2/29

All: -21.272 $\pm$ 0.007 χ^2 /NDF: 356438.2/56

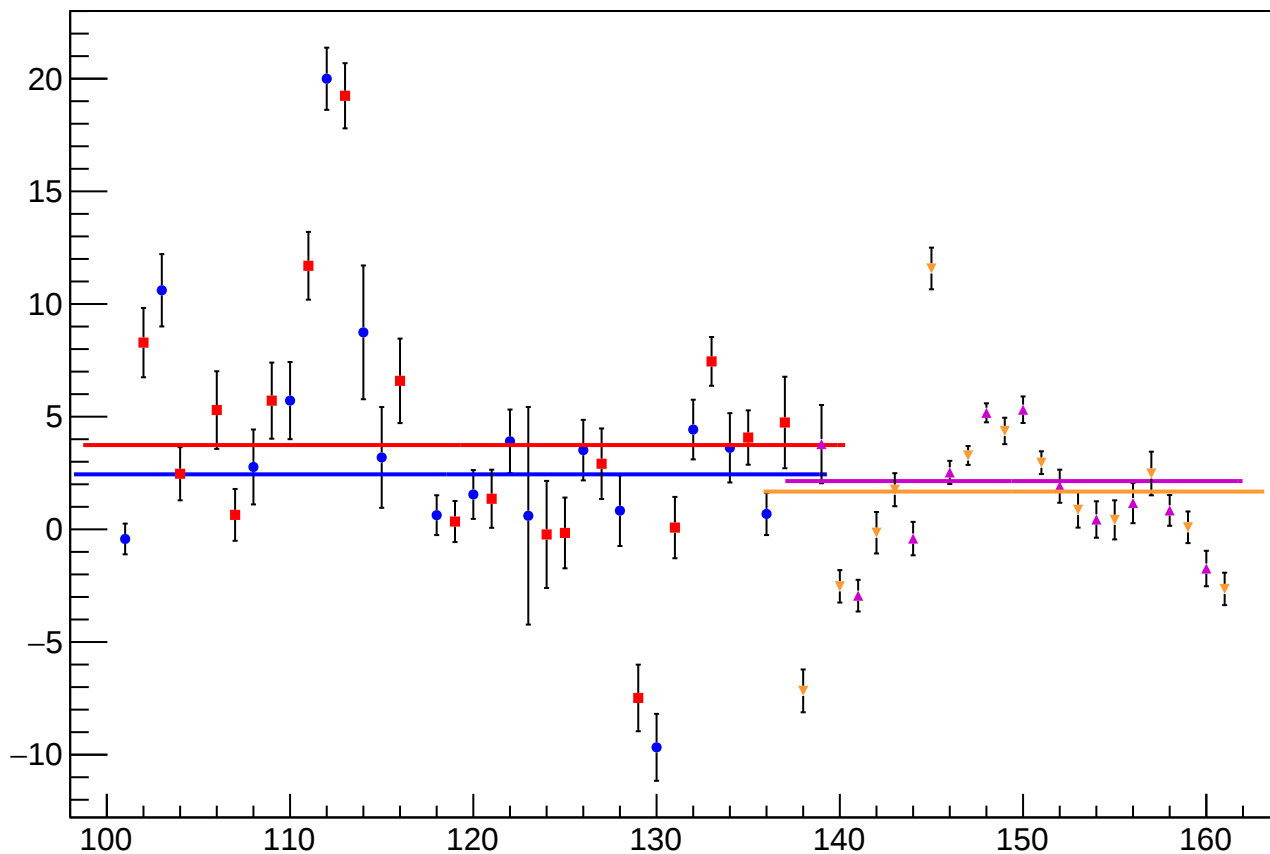
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.767+/-0.287 χ^2/NDF : 619.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.797+/-0.301 χ^2/NDF : 168.0/10

Left: -35.732+/-0.208 χ^2/NDF : 810.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.797+/-0.301 χ^2/NDF : 168.0/10
 Out: -34.767+/-0.287 χ^2/NDF : 619.0/12
 All: -35.732+/-0.208 χ^2/NDF : 810.9/23

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.678 ± 0.190 χ^2/NDF : 326.4/12

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 2.142 ± 0.201 χ^2/NDF : 179.9/10

Left: 1.898 ± 0.138 χ^2/NDF : 509.2/23

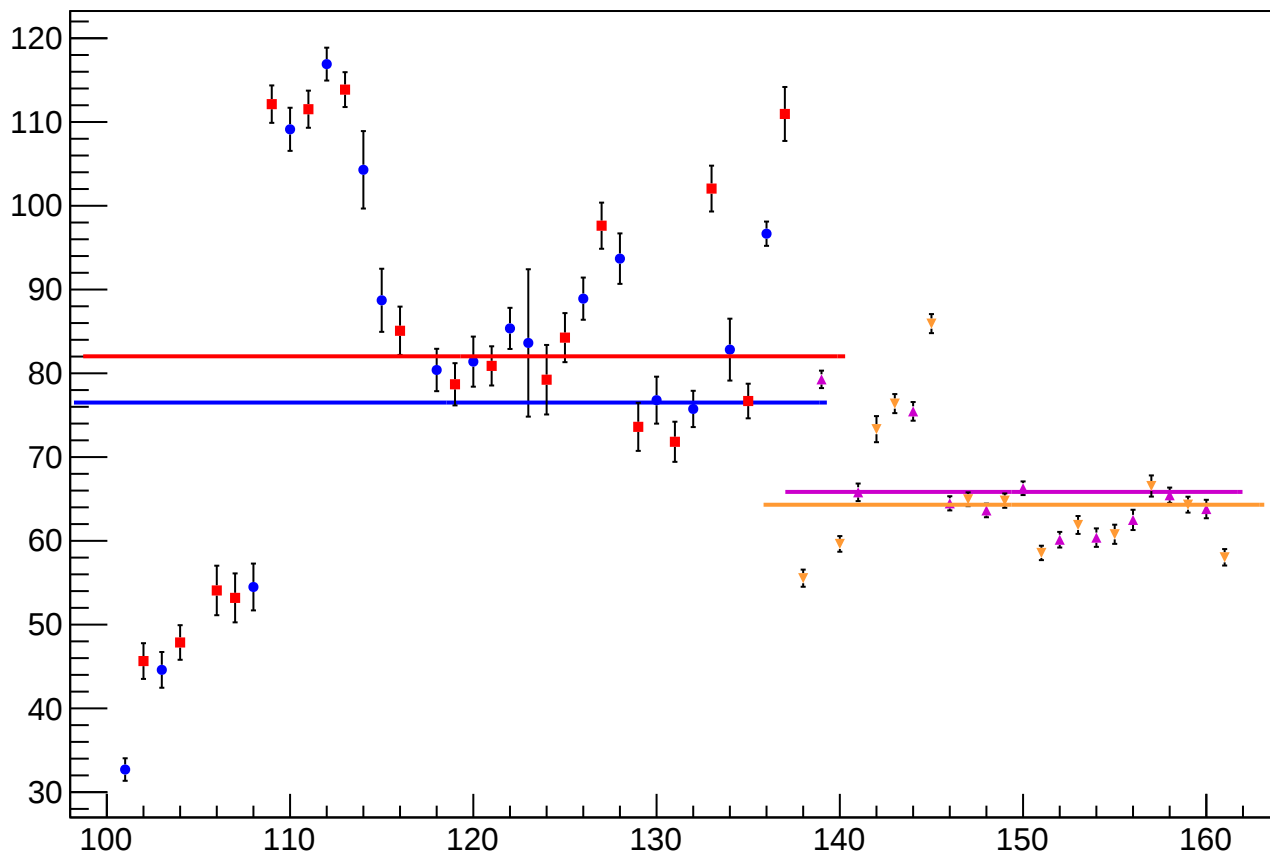
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 2.230 ± 0.169 χ^2/NDF : 475.3/27

Out: 2.199 ± 0.164 χ^2/NDF : 624.3/30

All: 2.214 ± 0.118 χ^2/NDF : 1099.6/58

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.311 $\pm$ 0.281 χ^2 /NDF: 710.3/12

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 65.842 $\pm$ 0.292 χ^2 /NDF: 324.4/10

Left: 65.047 $\pm$ 0.202 χ^2 /NDF: 1048.9/23

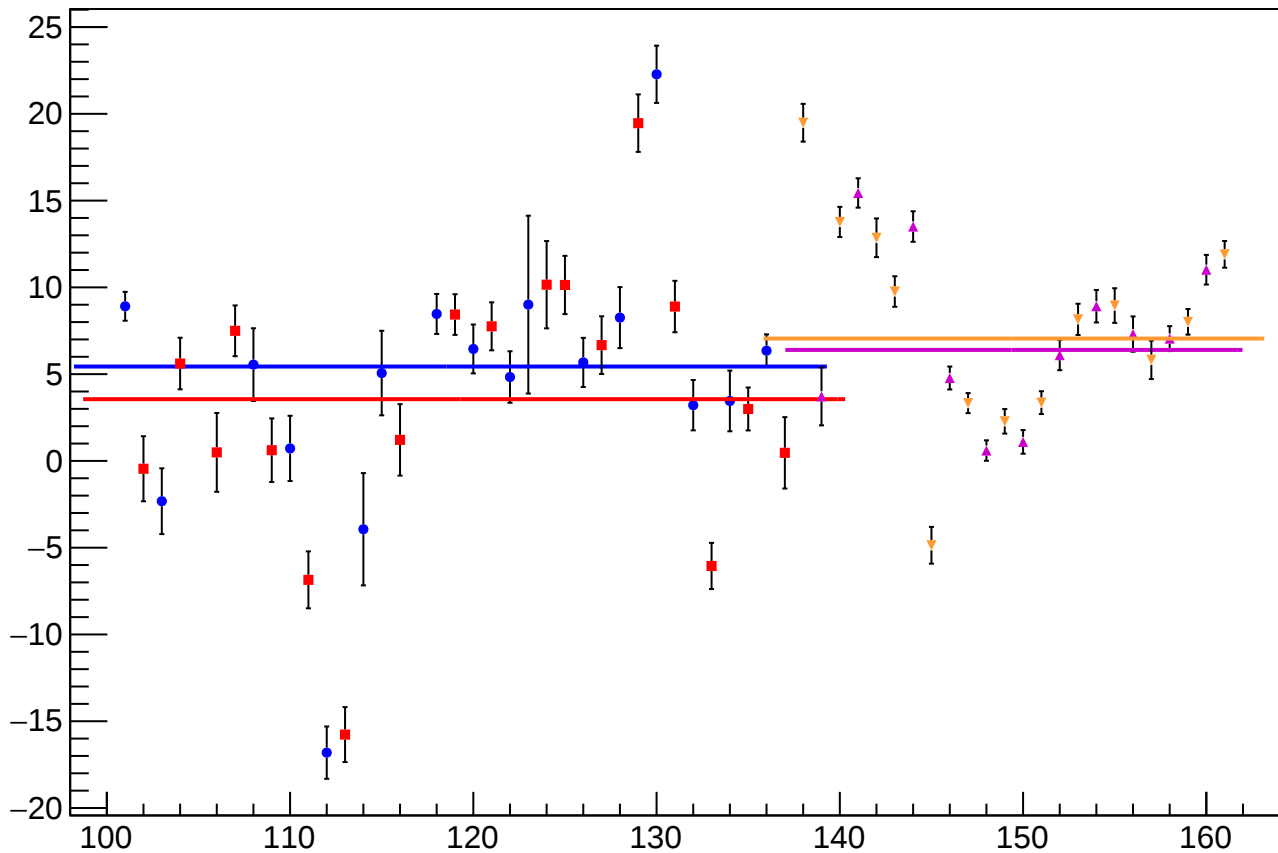
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 68.034 $\pm$ 0.260 χ^2 /NDF: 2849.6/27

Out: 67.564 $\pm$ 0.254 χ^2 /NDF: 2988.0/30

All: 67.793 $\pm$ 0.182 χ^2 /NDF: 5839.3/58

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 7.051 ± 0.229 χ^2/NDF : 520.0/12

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 6.396 ± 0.242 χ^2/NDF : 383.6/10

Left: 6.741 ± 0.166 χ^2/NDF : 907.5/23

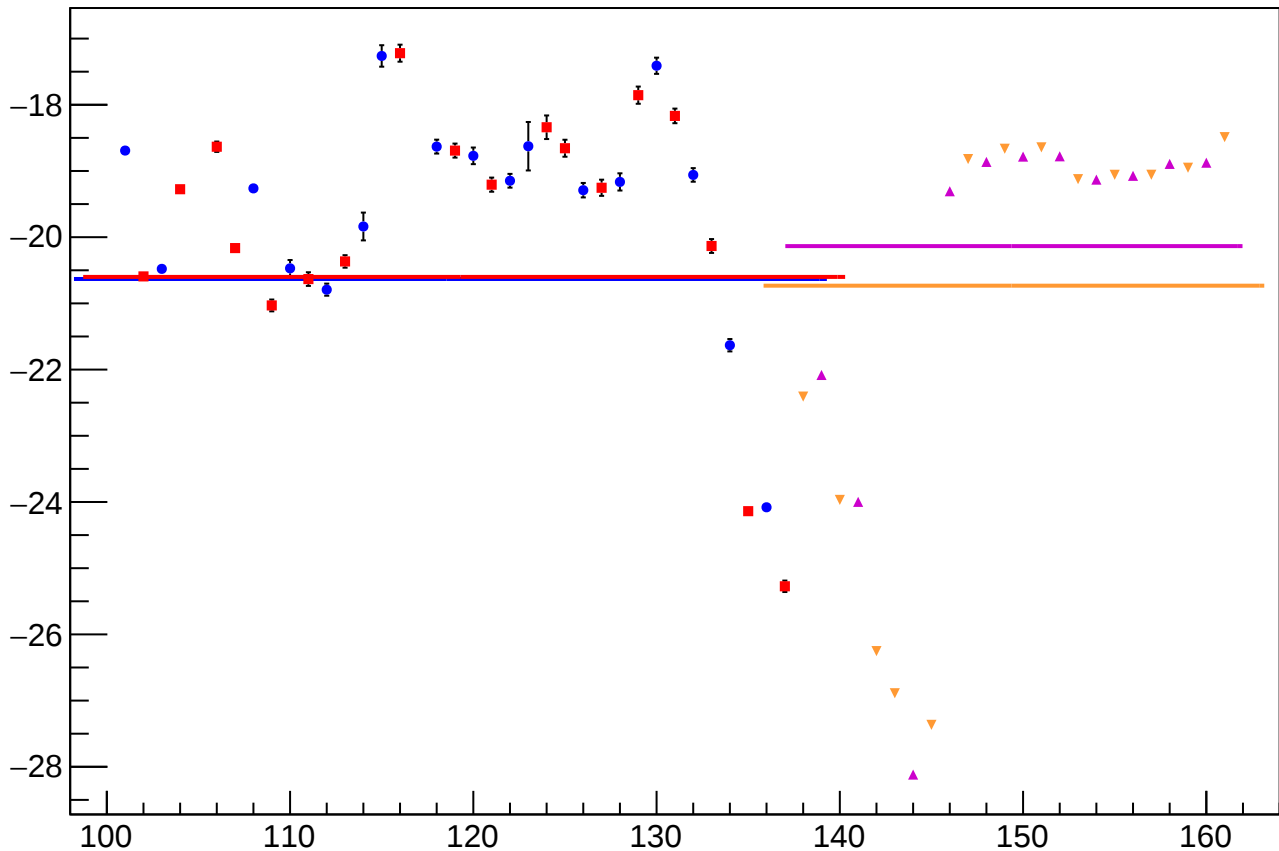
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 6.096 ± 0.200 χ^2/NDF : 774.7/27

Out: 6.102 ± 0.196 χ^2/NDF : 1003.7/30

All: 6.099 ± 0.140 χ^2/NDF : 1778.5/58

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.733 $\pm$ 0.011 χ^2 /NDF: 75931.5/12

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -20.135 $\pm$ 0.011 χ^2 /NDF: 46319.3/10

Left: -20.442 $\pm$ 0.008 χ^2 /NDF: 123644.7/23

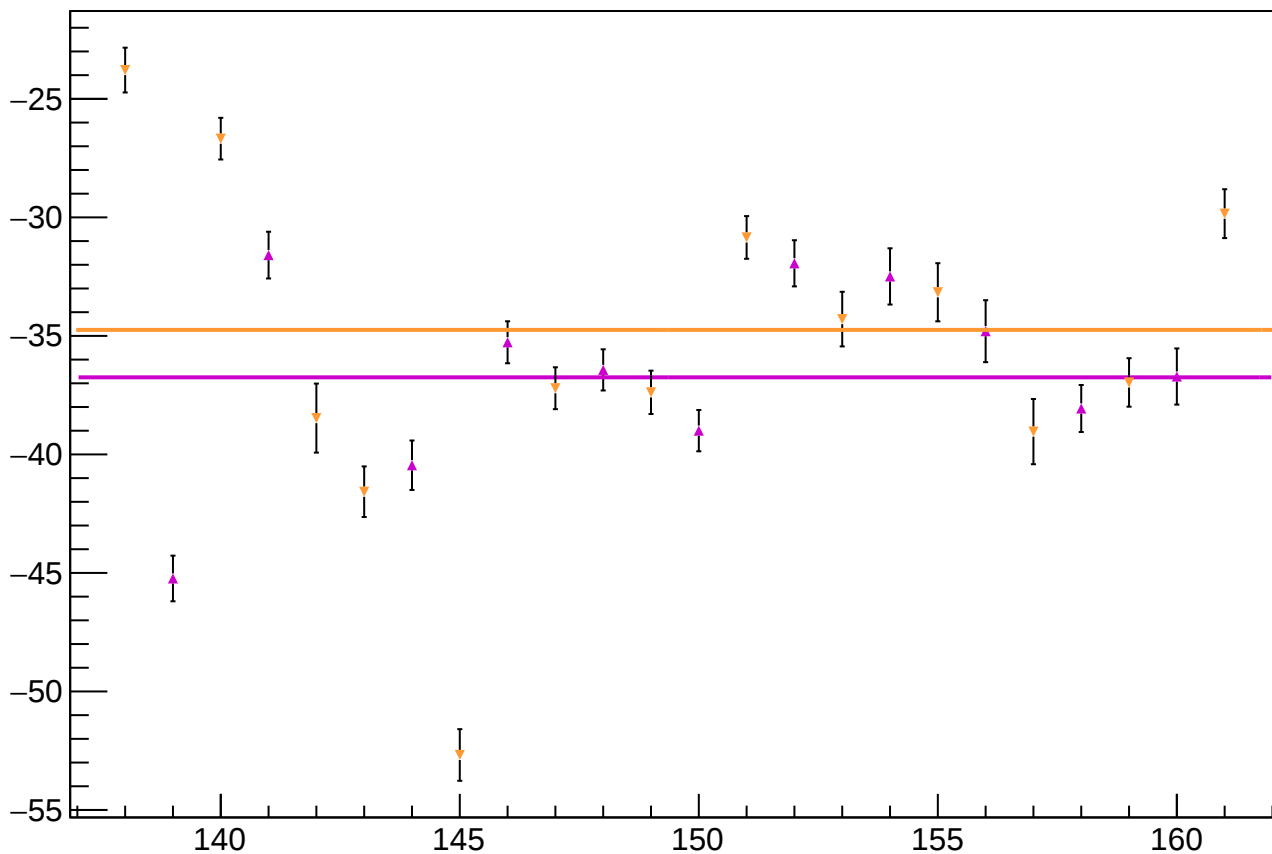
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.265 $\pm$ 0.010 χ^2 /NDF: 59310.1/27

Out: -20.700 $\pm$ 0.010 χ^2 /NDF: 87940.1/30

All: -20.486 $\pm$ 0.007 χ^2 /NDF: 148241.1/58

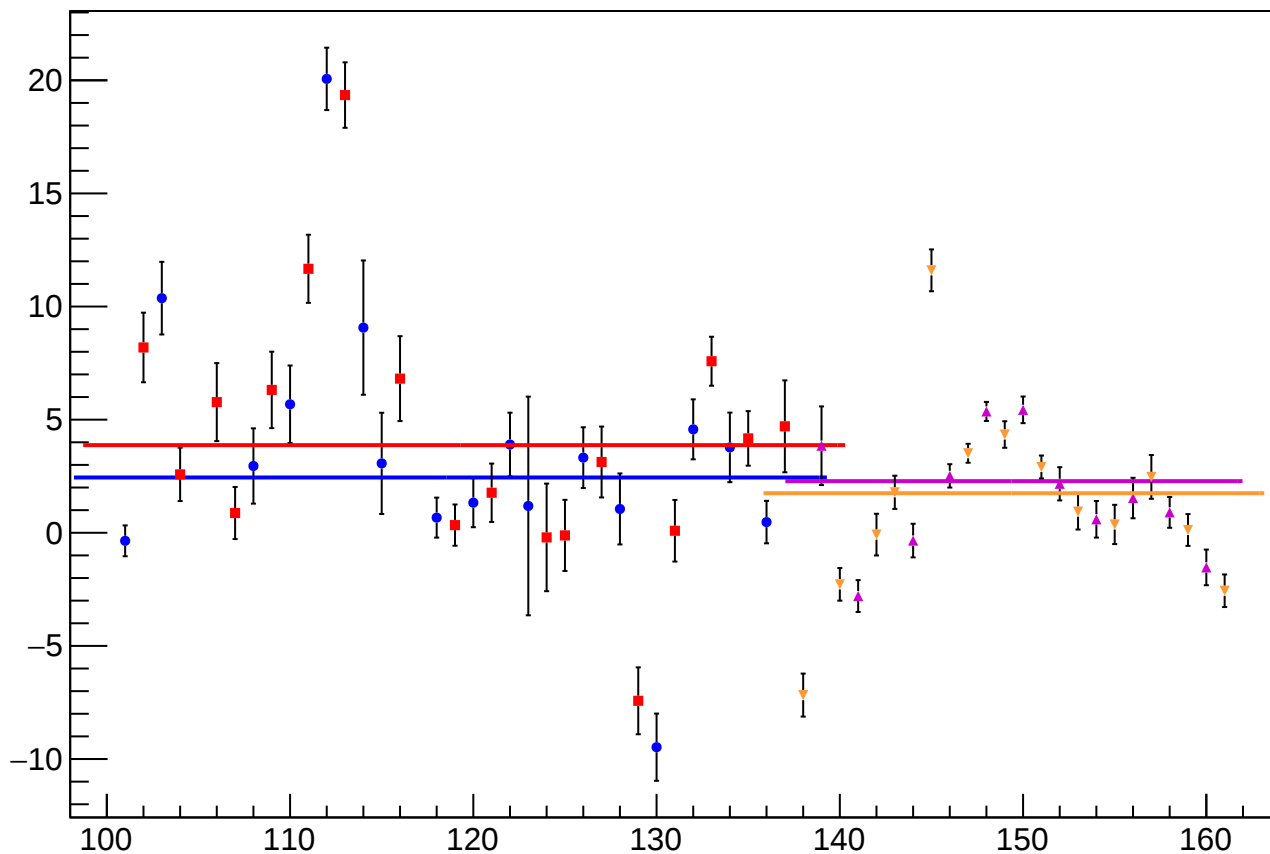
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.748+/-0.301 χ^2/NDF :168.6/10

Left: -35.698+/-0.208 χ^2/NDF : 802.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.748+/-0.301 χ^2/NDF :168.6/10
 Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 All: -35.698+/-0.208 χ^2/NDF : 802.5/23

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: 1.749 ± 0.190 χ^2/NDF : 324.6/12

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 2.282 ± 0.201 χ^2/NDF : 180.3/10

Left: 2.001 ± 0.138 χ^2/NDF : 508.6/23

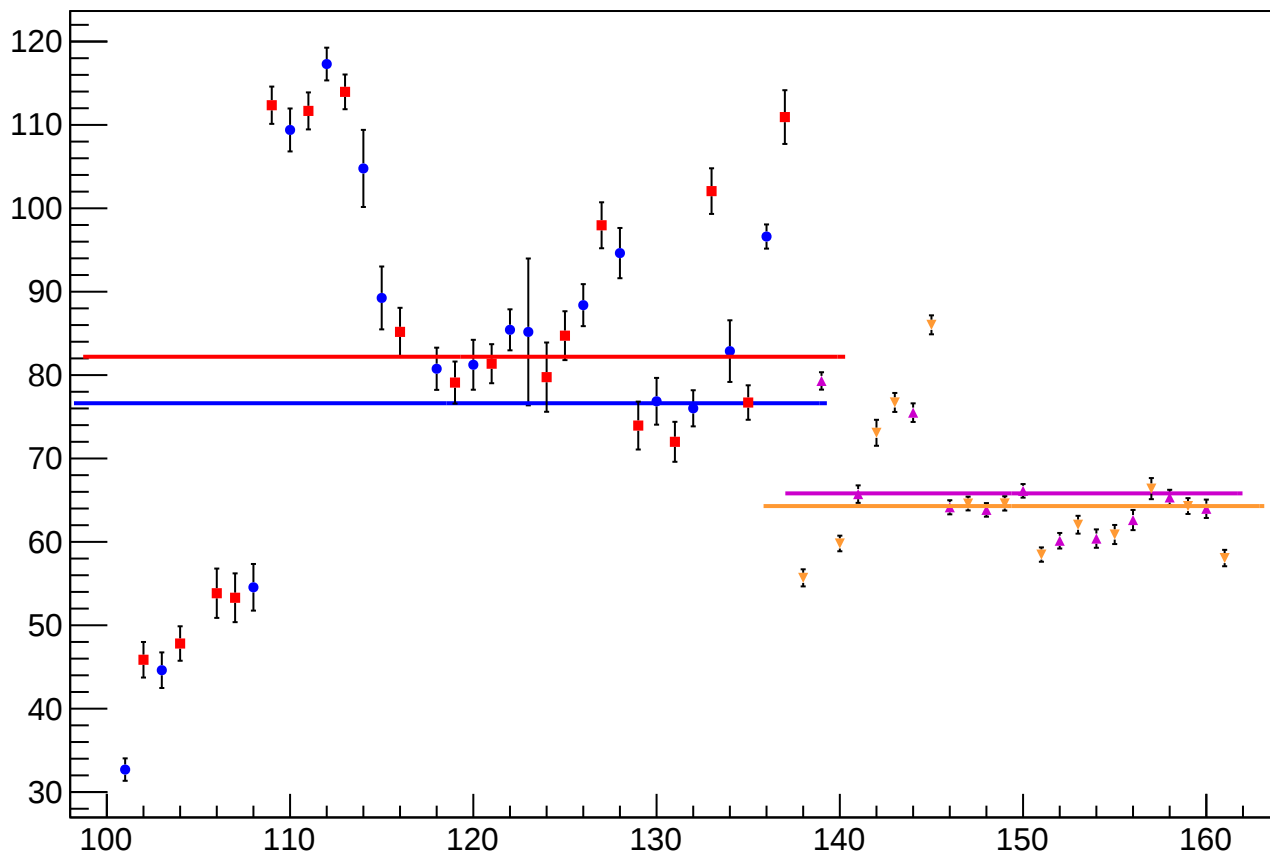
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.330 ± 0.169 χ^2/NDF : 473.2/27

Out: 2.286 ± 0.164 χ^2/NDF : 624.5/30

All: 2.307 ± 0.118 χ^2/NDF : 1097.7/58

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.294 $\pm$ 0.281 χ^2 /NDF: 711.5/12

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 65.816 $\pm$ 0.292 χ^2 /NDF: 324.0/10

Left: 65.026 $\pm$ 0.203 χ^2 /NDF: 1049.6/23

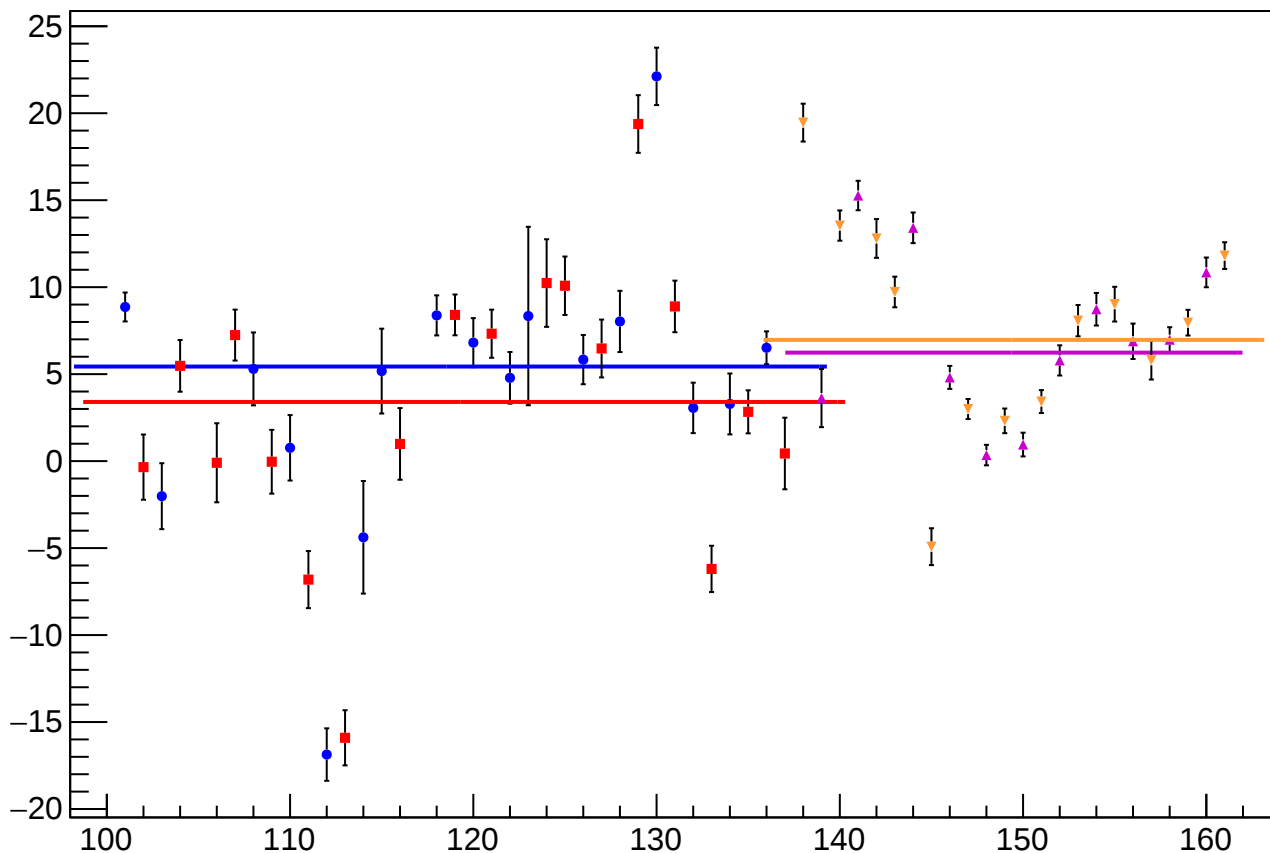
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 68.038 $\pm$ 0.260 χ^2 /NDF: 2868.1/27

Out: 67.582 $\pm$ 0.254 χ^2 /NDF: 3006.3/30

All: 67.804 $\pm$ 0.182 χ^2 /NDF: 5876.0/58

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437+/-0.358 χ^2/NDF : 384.5/16

Left Out: 6.969+/-0.229 χ^2/NDF :519.7/12

Right Out: 3.401+/-0.375 χ^2/NDF : 420.9/17

Left In: 6.237+/-0.242 χ^2/NDF :385.0/10

Left: 6.622+/-0.166 χ^2/NDF : 909.6/23

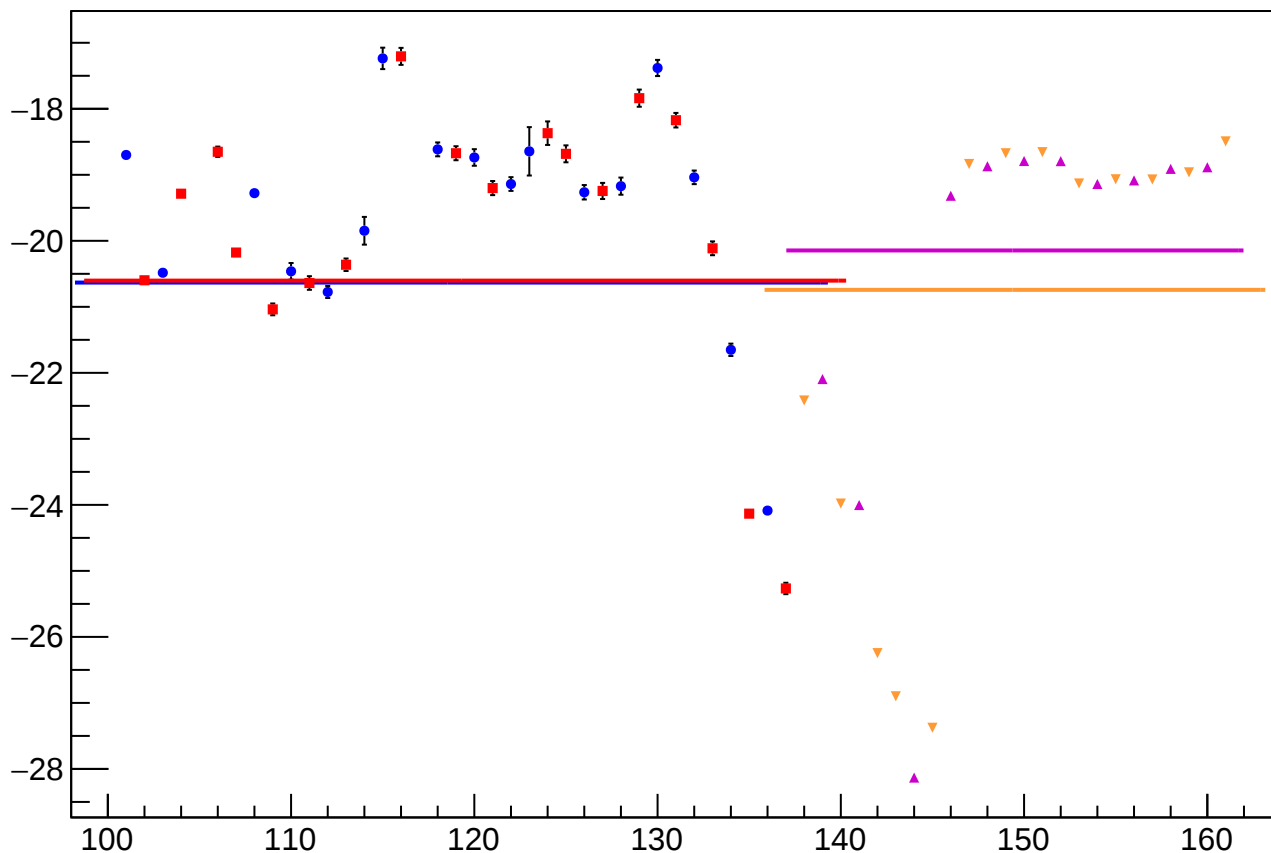
Right: 4.467+/-0.259 χ^2/NDF : 820.8/34

In: 5.986+/-0.200 χ^2/NDF :773.0/27

Out: 6.000+/-0.196 χ^2/NDF :1006.4/30

All: 5.993+/-0.140 χ^2/NDF : 1779.4/58

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: -20.743 $\pm$ 0.011 χ^2 /NDF: 75790.2/12

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -20.146 $\pm$ 0.011 χ^2 /NDF: 46248.9/10

Left: -20.453 $\pm$ 0.008 χ^2 /NDF: 123426.7/23

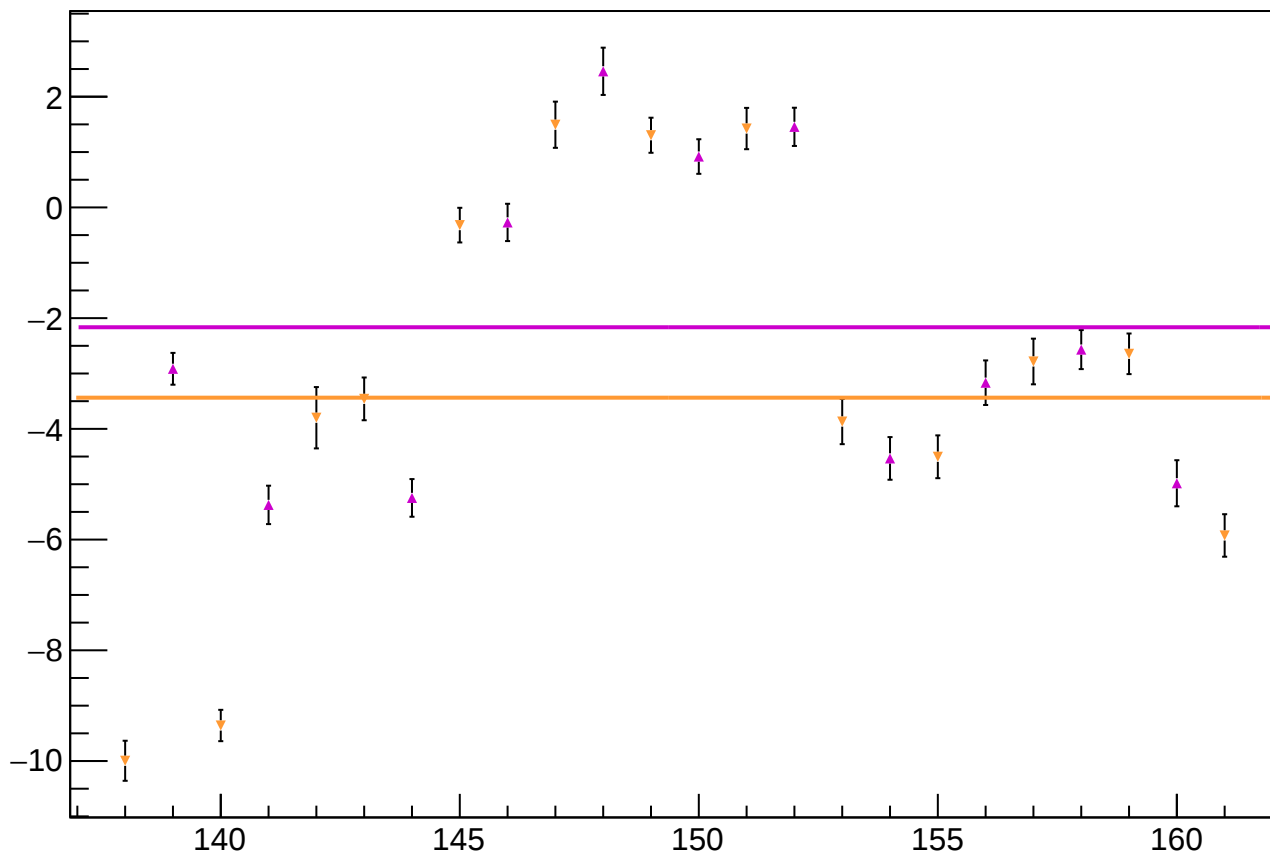
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -20.273 $\pm$ 0.010 χ^2 /NDF: 59260.8/27

Out: -20.708 $\pm$ 0.010 χ^2 /NDF: 87754.8/30

All: -20.495 $\pm$ 0.007 χ^2 /NDF: 148004.7/58

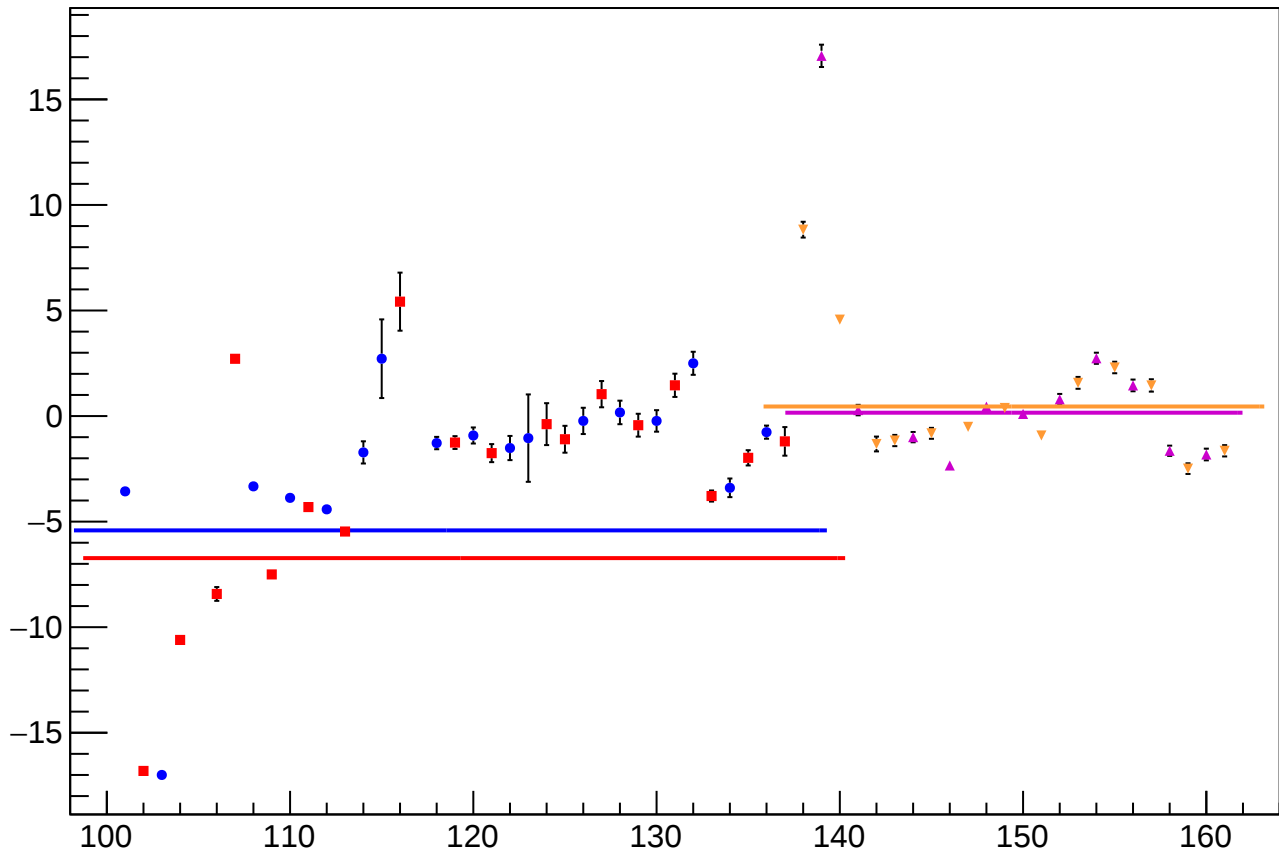
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -3.437 ± 0.102 $\chi^2/\text{NDF}: 1457.6/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.165 ± 0.106 $\chi^2/\text{NDF}: 621.9/10$

Left: -2.826 ± 0.074 $\chi^2/\text{NDF}: 2154.2/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -2.165 ± 0.106 $\chi^2/\text{NDF}: 621.9/10$
 Out: -3.437 ± 0.102 $\chi^2/\text{NDF}: 1457.6/12$
 All: -2.826 ± 0.074 $\chi^2/\text{NDF}: 2154.2/23$

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: 0.453 ± 0.071 χ^2/NDF : 1224.4/12

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.159 ± 0.076 χ^2/NDF : 1412.0/10

Left: 0.315 ± 0.052 χ^2/NDF : 2644.4/23

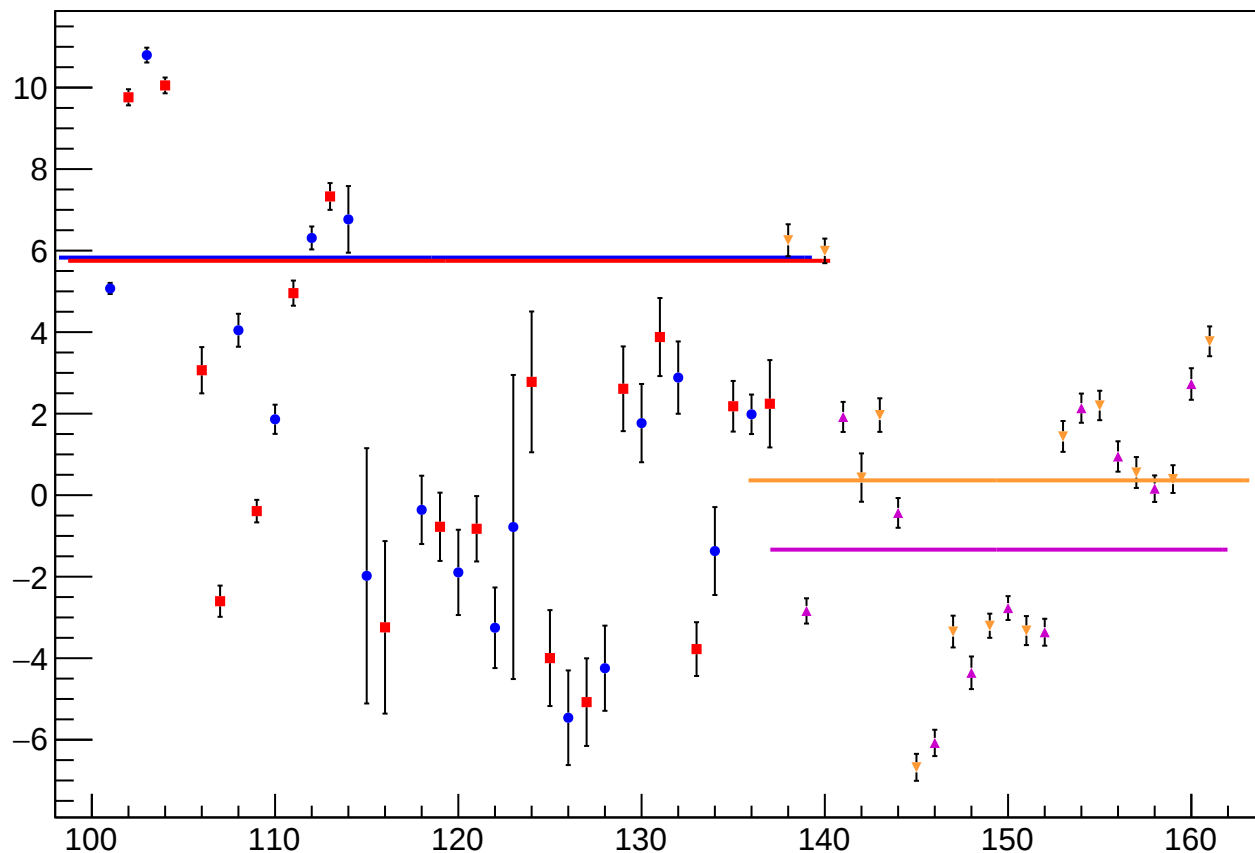
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.495 ± 0.044 χ^2/NDF : 14236.3/27

Out: -3.748 ± 0.046 χ^2/NDF : 18424.6/30

All: -3.618 ± 0.032 χ^2/NDF : 32676.5/58

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.363 ± 0.101 χ^2/NDF : 1506.9/12

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -1.336 ± 0.104 χ^2/NDF : 704.5/10

Left: -0.461 ± 0.072 χ^2/NDF : 2350.0/23

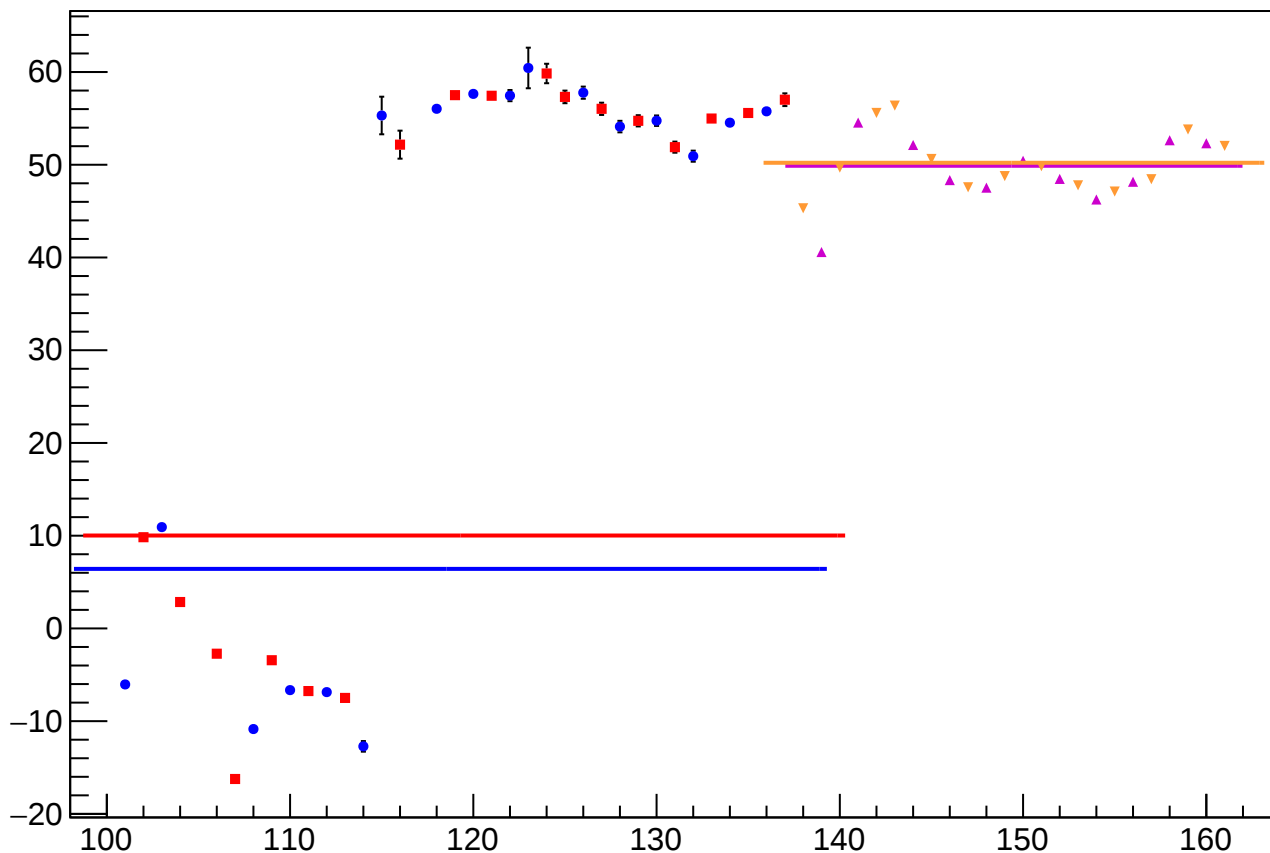
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.764 ± 0.068 χ^2/NDF : 4887.4/27

Out: 3.174 ± 0.070 χ^2/NDF : 5516.5/30

All: 2.964 ± 0.049 χ^2/NDF : 10421.8/58

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 50.214+/-0.084 χ^2/NDF :1206.0/12

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.890+/-0.089 χ^2/NDF :1114.6/10

Left: 50.061+/-0.061 χ^2/NDF : 2327.6/23

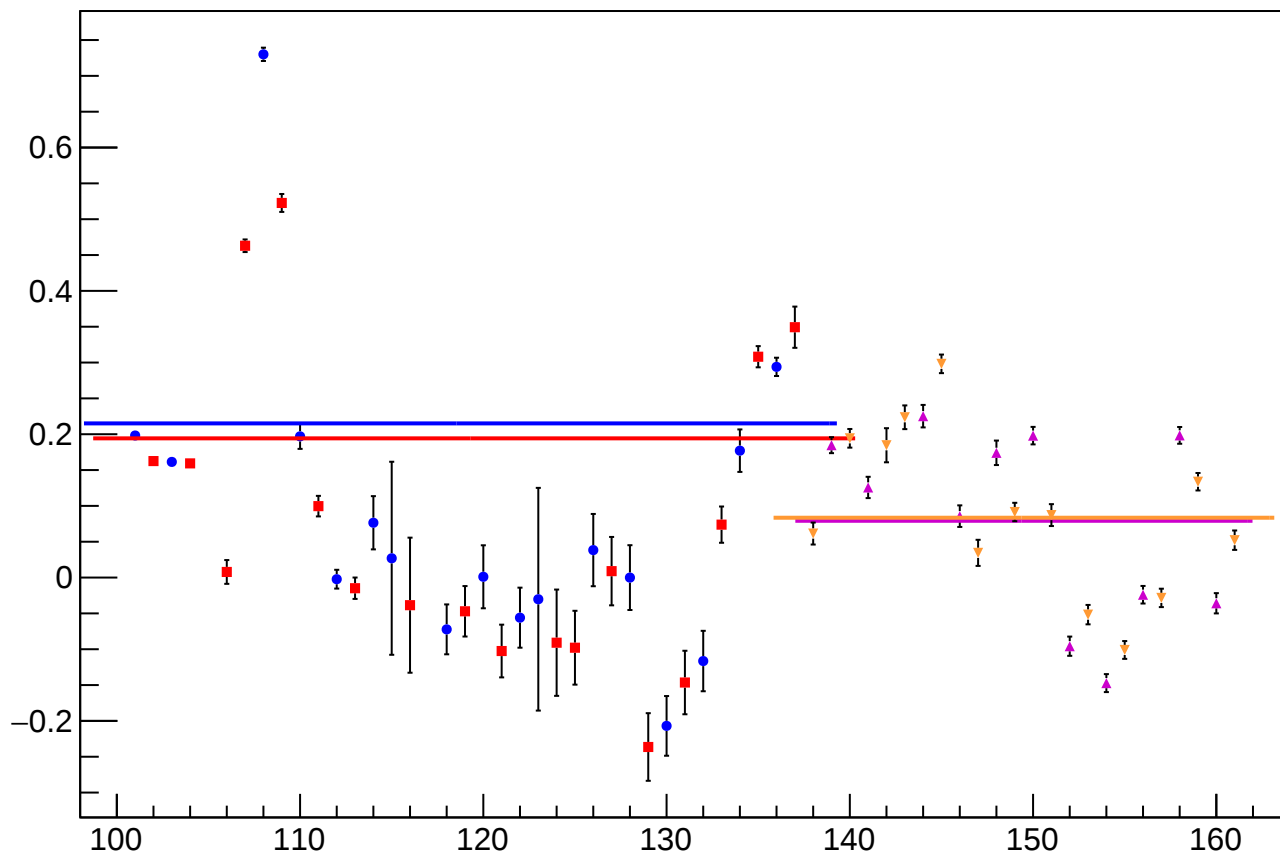
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 21.551+/-0.052 χ^2/NDF :281186.9/27

Out: 26.715+/-0.054 χ^2/NDF :257463.5/30

All: 24.045+/-0.038 χ^2/NDF : 543365.1/58

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: 0.083 $\pm$ 0.004 χ^2 /NDF:865.1/12

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.079 $\pm$ 0.004 χ^2 /NDF:1048.7/10

Left: 0.081 $\pm$ 0.003 χ^2 /NDF: 1914.4/23

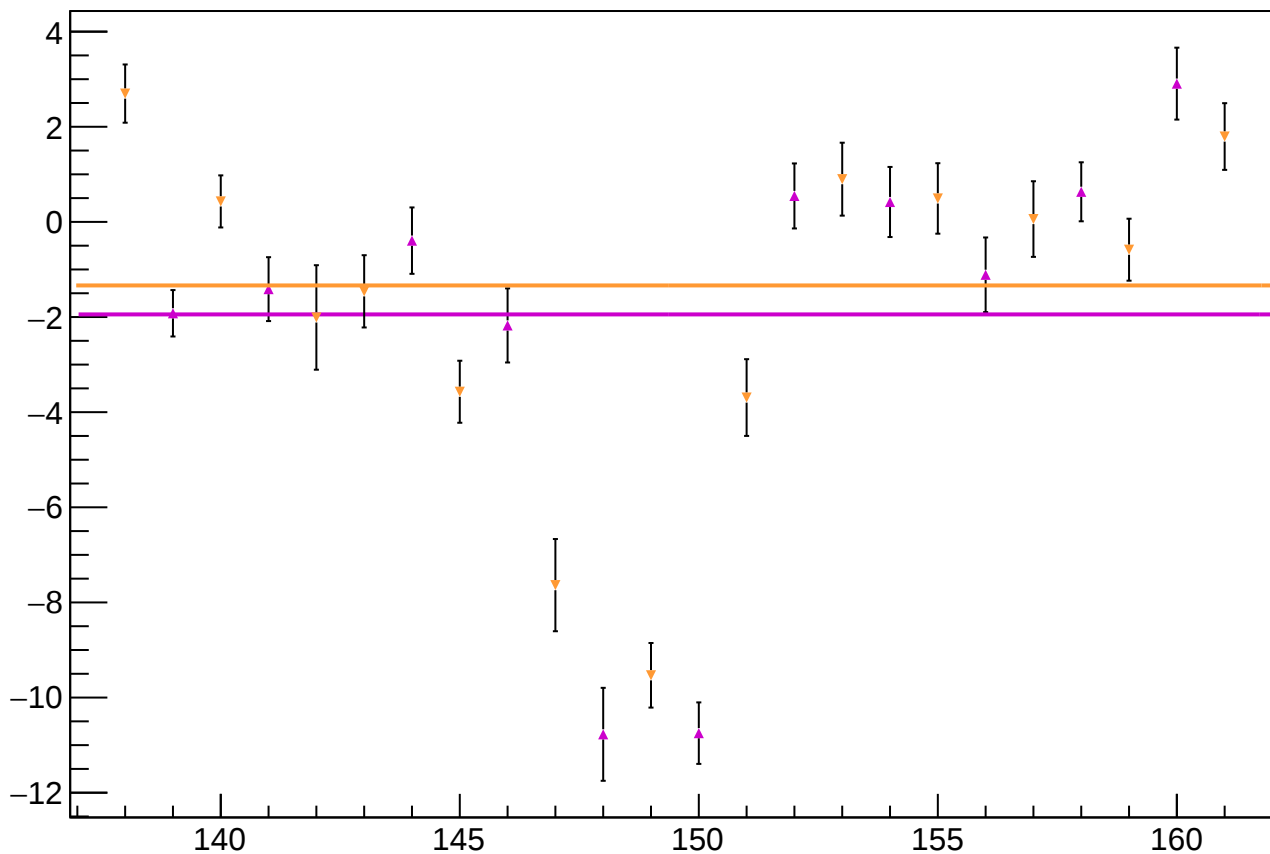
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.171 $\pm$ 0.002 χ^2 /NDF:5752.4/27

Out: 0.158 $\pm$ 0.002 χ^2 /NDF:3920.2/30

All: 0.164 $\pm$ 0.002 χ^2 /NDF: 9690.6/58

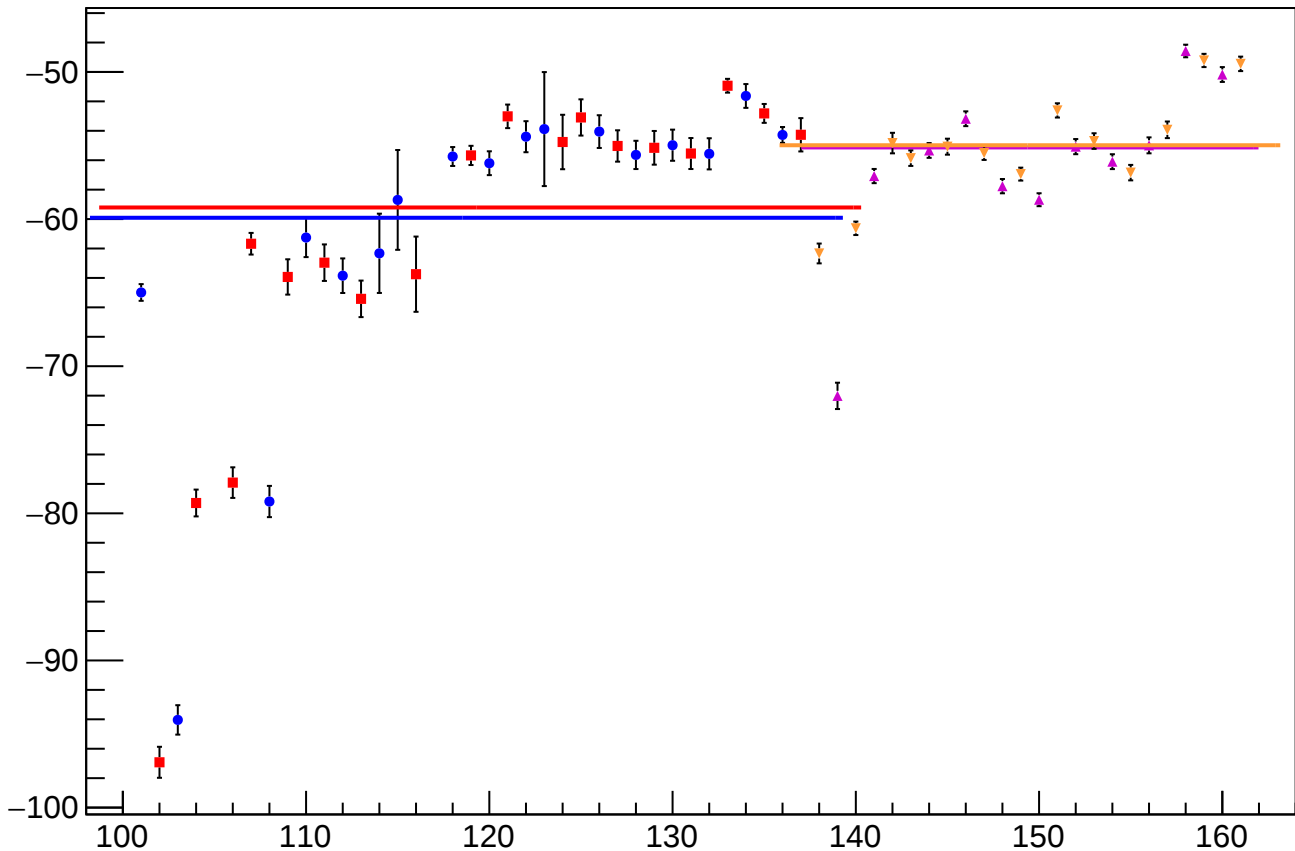
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.945+/-0.206 χ^2/NDF :355.9/10

Left: -1.630+/-0.143 χ^2/NDF : 661.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.945+/-0.206 χ^2/NDF :355.9/10
 Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 All: -1.630+/-0.143 χ^2/NDF : 661.8/23

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: -54.982 ± 0.142 χ^2/NDF : 626.5/12

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -55.131 ± 0.152 χ^2/NDF : 815.7/10

Left: -55.051 ± 0.104 χ^2/NDF : 1442.7/23

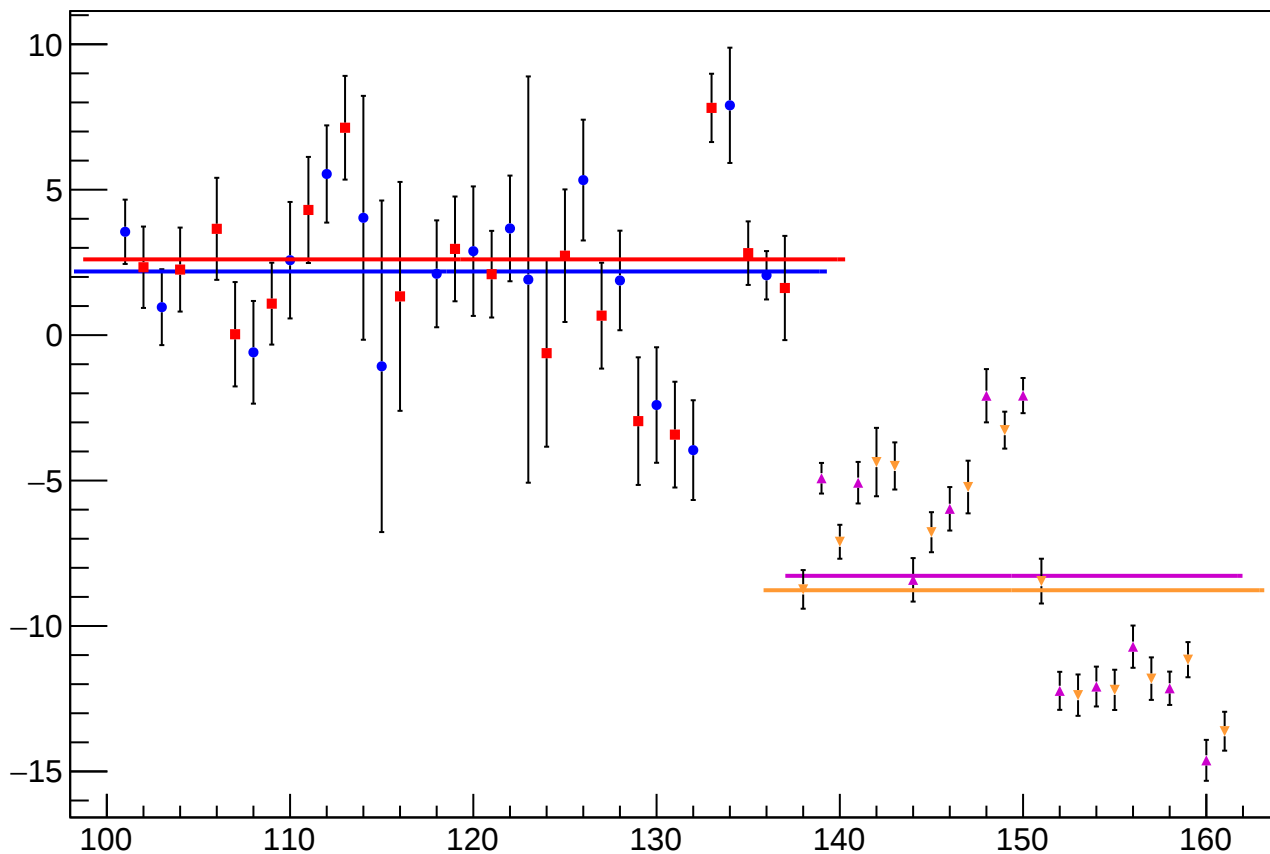
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.645 ± 0.126 χ^2/NDF : 3109.8/27

Out: -56.292 ± 0.118 χ^2/NDF : 3643.2/30

All: -56.458 ± 0.086 χ^2/NDF : 6757.2/58

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -8.771 ± 0.197 $\chi^2/\text{NDF}: 284.8/12$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -8.275 ± 0.202 $\chi^2/\text{NDF}: 426.5/10$

Left: -8.530 ± 0.141 $\chi^2/\text{NDF}: 714.3/23$

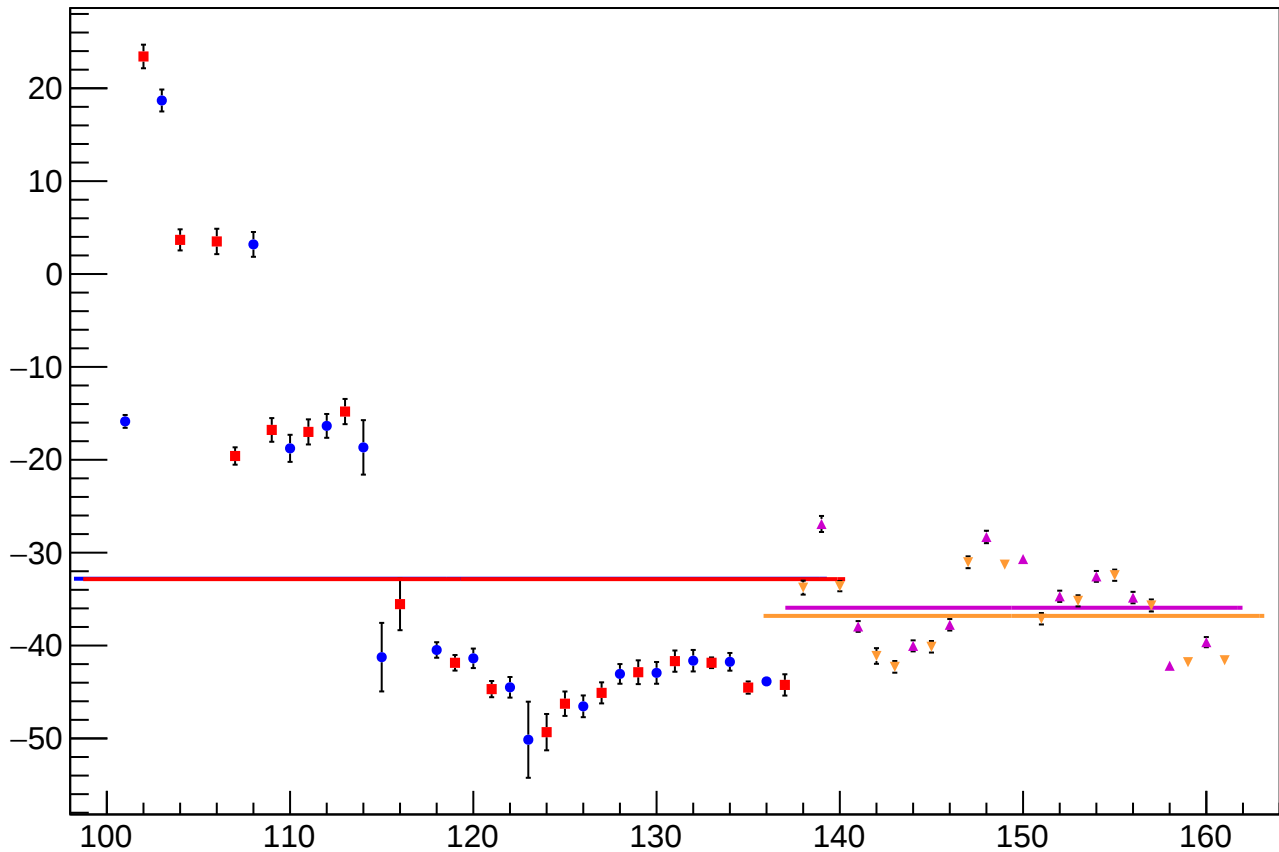
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -6.186 ± 0.181 $\chi^2/\text{NDF}: 1001.0/27$

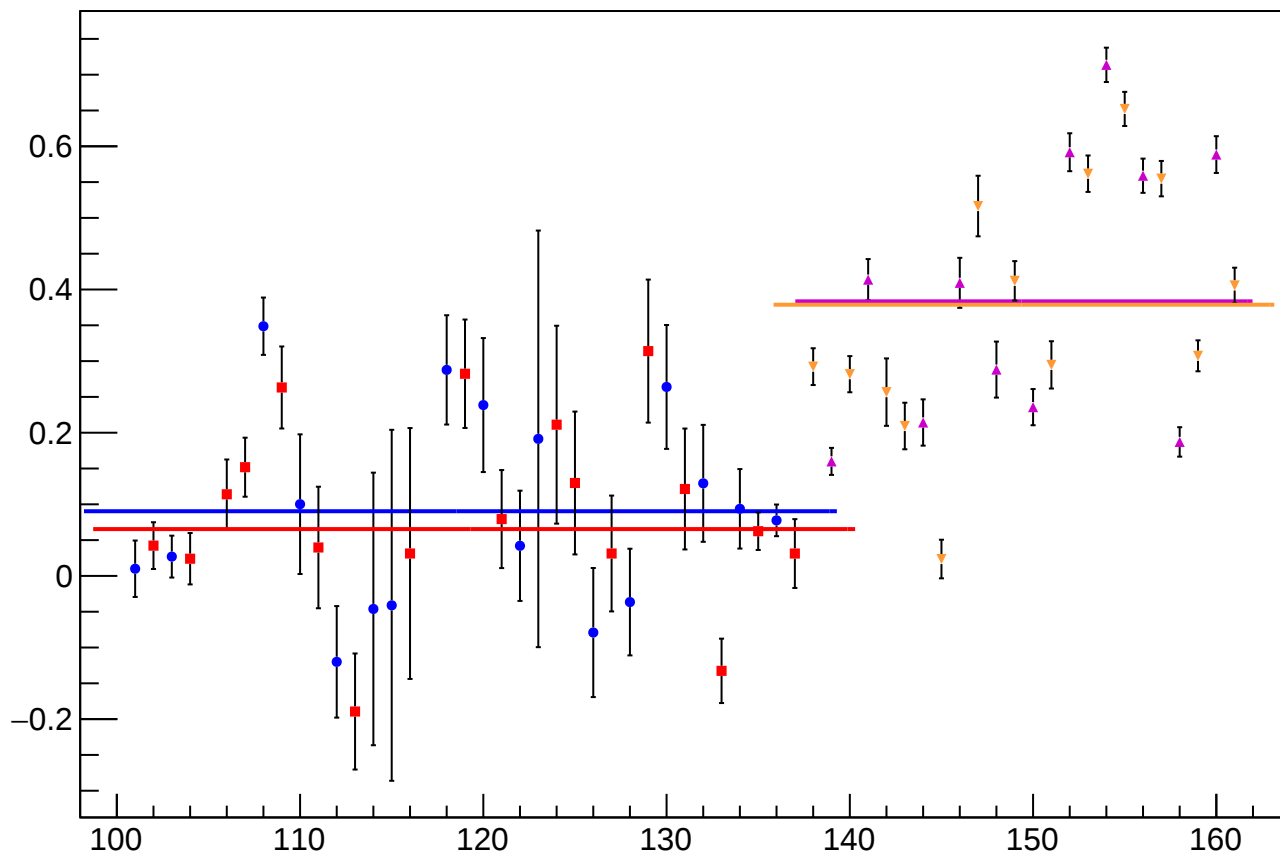
Out: -6.473 ± 0.176 $\chi^2/\text{NDF}: 1011.5/30$

All: -6.334 ± 0.126 $\chi^2/\text{NDF}: 2013.8/58$

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: 0.379 $\pm$ 0.008 χ^2 /NDF:498.1/12

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.383 $\pm$ 0.008 χ^2 /NDF:669.6/10

Left: 0.381 $\pm$ 0.005 χ^2 /NDF: 1167.8/23

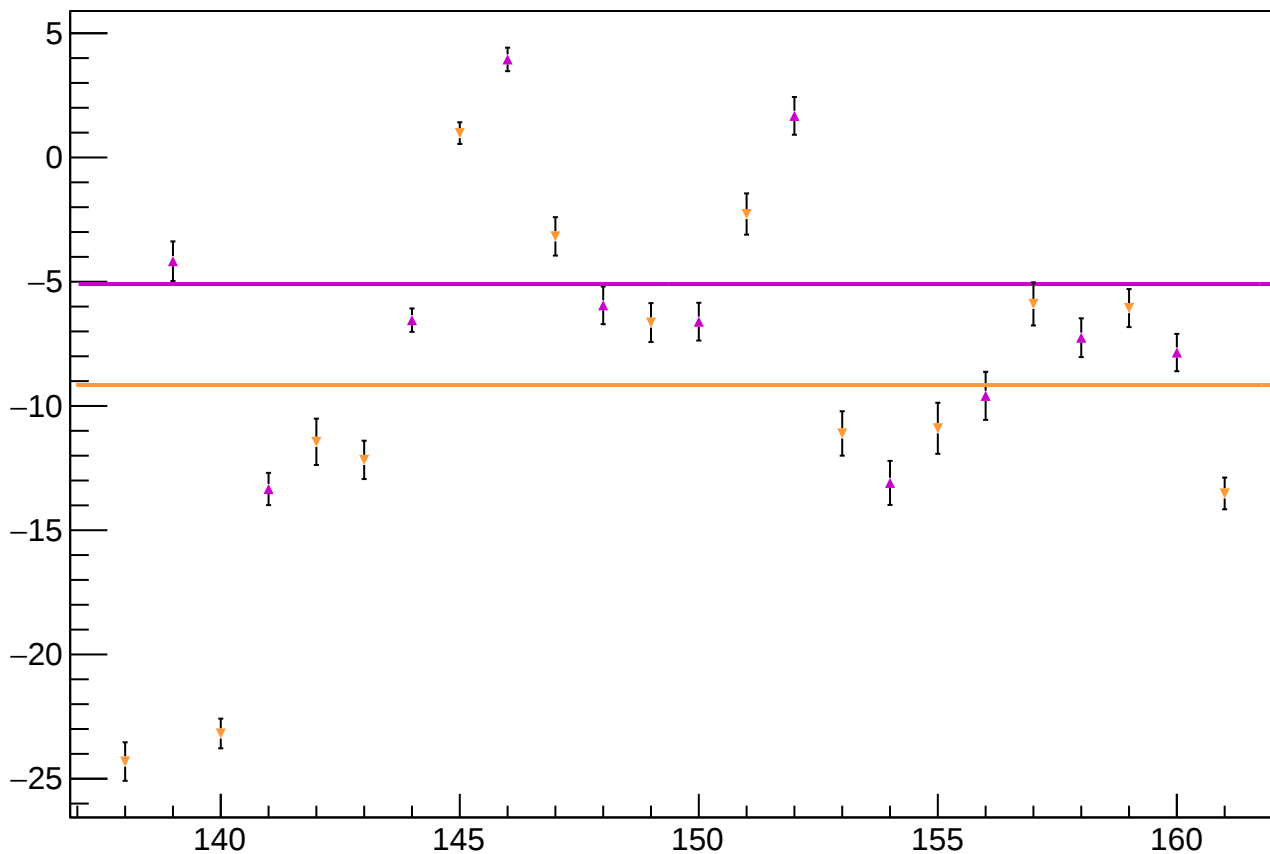
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.305 $\pm$ 0.007 χ^2 /NDF:1137.0/27

Out: 0.292 $\pm$ 0.006 χ^2 /NDF:1037.0/30

All: 0.298 $\pm$ 0.005 χ^2 /NDF: 2176.0/58

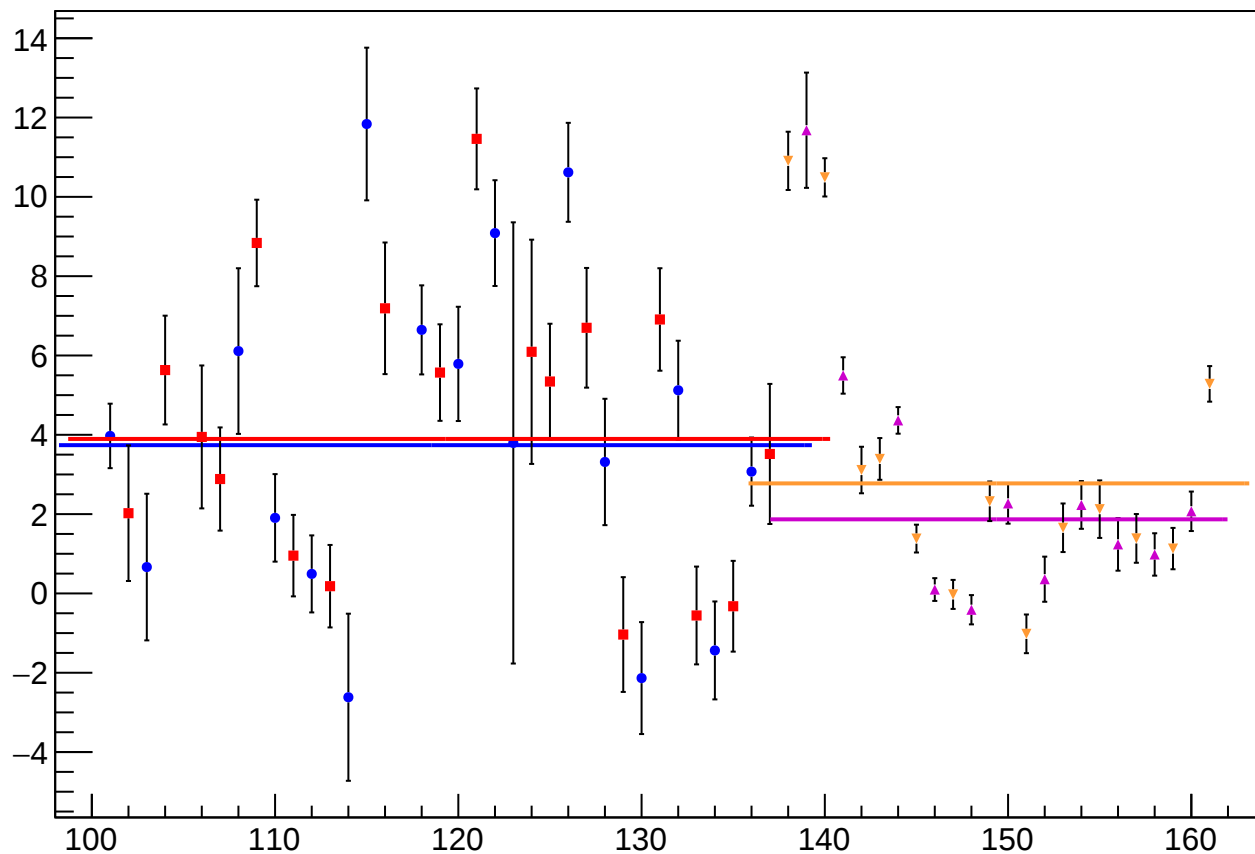
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.157 $\pm$ 0.200 χ^2 /NDF:1720.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.093 $\pm$ 0.205 χ^2 /NDF:747.1/10

Left: -7.172 $\pm$ 0.143 χ^2 /NDF: 2669.3/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.093 $\pm$ 0.205 χ^2 /NDF:747.1/10
 Out: -9.157 $\pm$ 0.200 χ^2 /NDF:1720.4/12
 All: -7.172 $\pm$ 0.143 χ^2 /NDF: 2669.3/23

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 2.775 ± 0.138 $\chi^2/\text{NDF}: 566.2/12$

Right Out: 3.896 ± 0.316 $\chi^2/\text{NDF}: 134.9/17$

Left In: 1.868 ± 0.137 $\chi^2/\text{NDF}: 251.5/10$

Left: 2.318 ± 0.097 $\chi^2/\text{NDF}: 839.3/23$

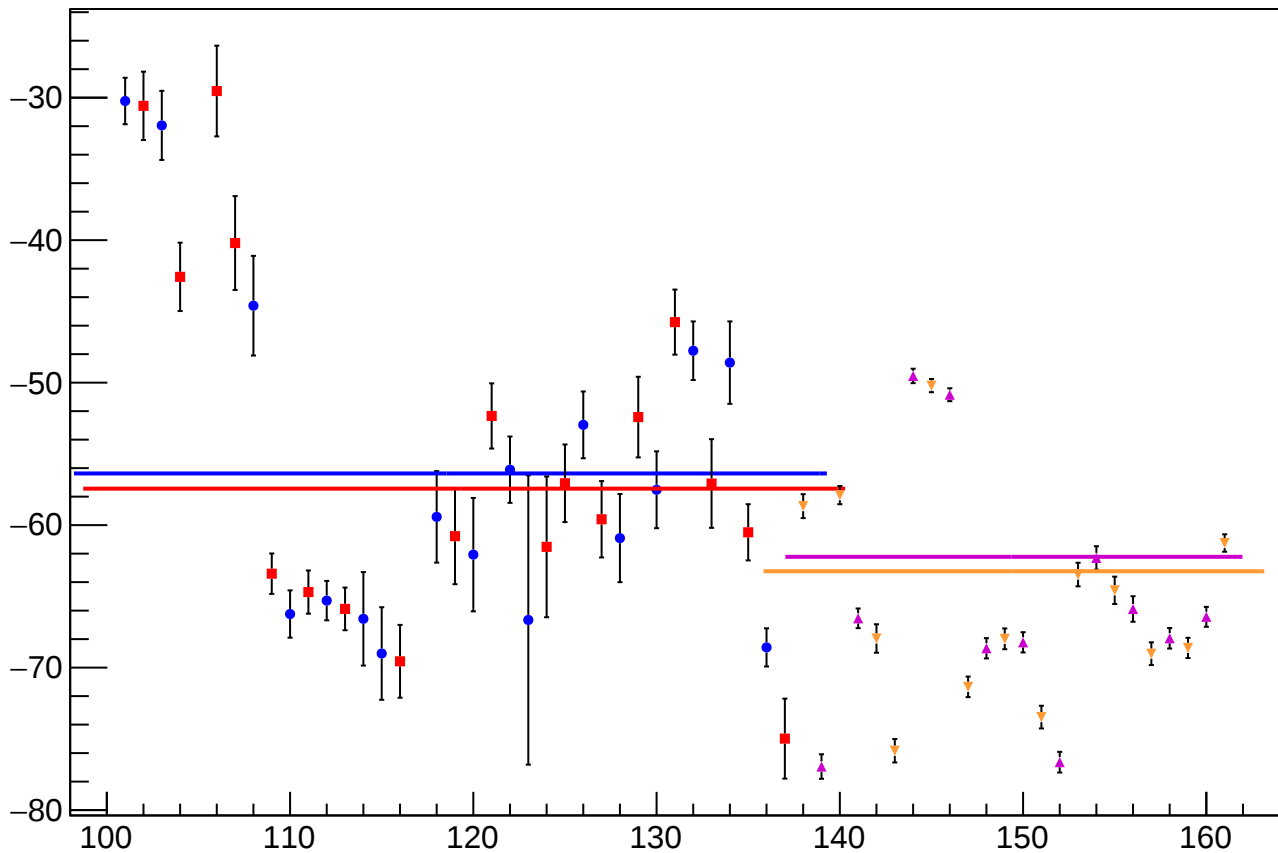
Right: 3.815 ± 0.221 $\chi^2/\text{NDF}: 271.9/34$

In: 2.176 ± 0.125 $\chi^2/\text{NDF}: 418.9/27$

Out: 2.954 ± 0.127 $\chi^2/\text{NDF}: 711.6/30$

All: 2.562 ± 0.089 $\chi^2/\text{NDF}: 1149.5/58$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -63.235 ± 0.199 $\chi^2/\text{NDF}: 1602.9/12$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -62.224 ± 0.201 $\chi^2/\text{NDF}: 2254.0/10$

Left: -62.734 ± 0.142 $\chi^2/\text{NDF}: 3869.6/23$

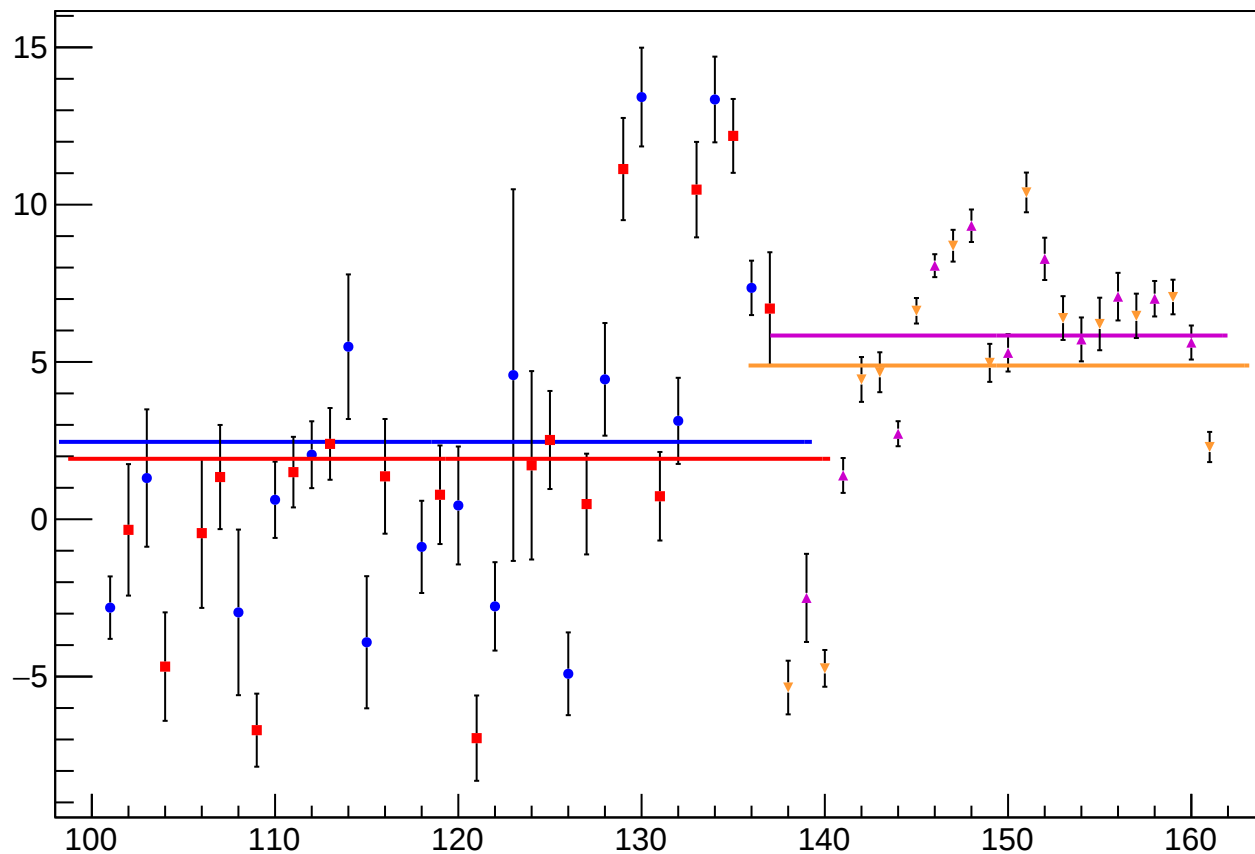
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -61.519 ± 0.188 $\chi^2/\text{NDF}: 2943.7/27$

Out: -62.533 ± 0.187 $\chi^2/\text{NDF}: 2146.2/30$

All: -62.030 ± 0.133 $\chi^2/\text{NDF}: 5104.5/58$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.887 ± 0.164 χ^2/NDF : 624.4/12

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.840 ± 0.165 χ^2/NDF : 265.2/10

Left: 5.361 ± 0.116 χ^2/NDF : 906.4/23

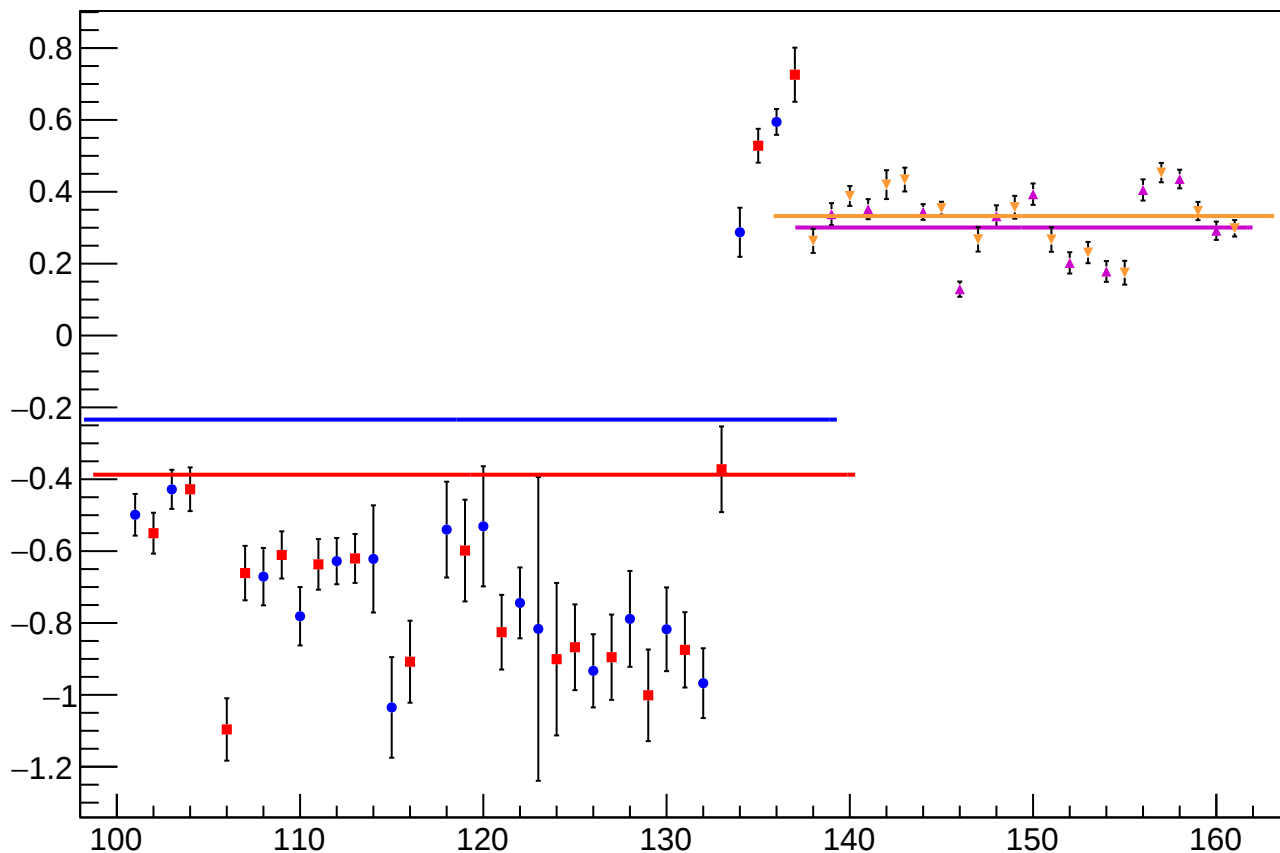
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 5.215 ± 0.149 χ^2/NDF : 586.9/27

Out: 4.365 ± 0.149 χ^2/NDF : 947.0/30

All: 4.790 ± 0.105 χ^2/NDF : 1550.1/58

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: 0.333 ± 0.008 χ^2/NDF : 88.8/12

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.301 ± 0.008 χ^2/NDF : 154.0/10

Left: 0.317 ± 0.006 χ^2/NDF : 250.8/23

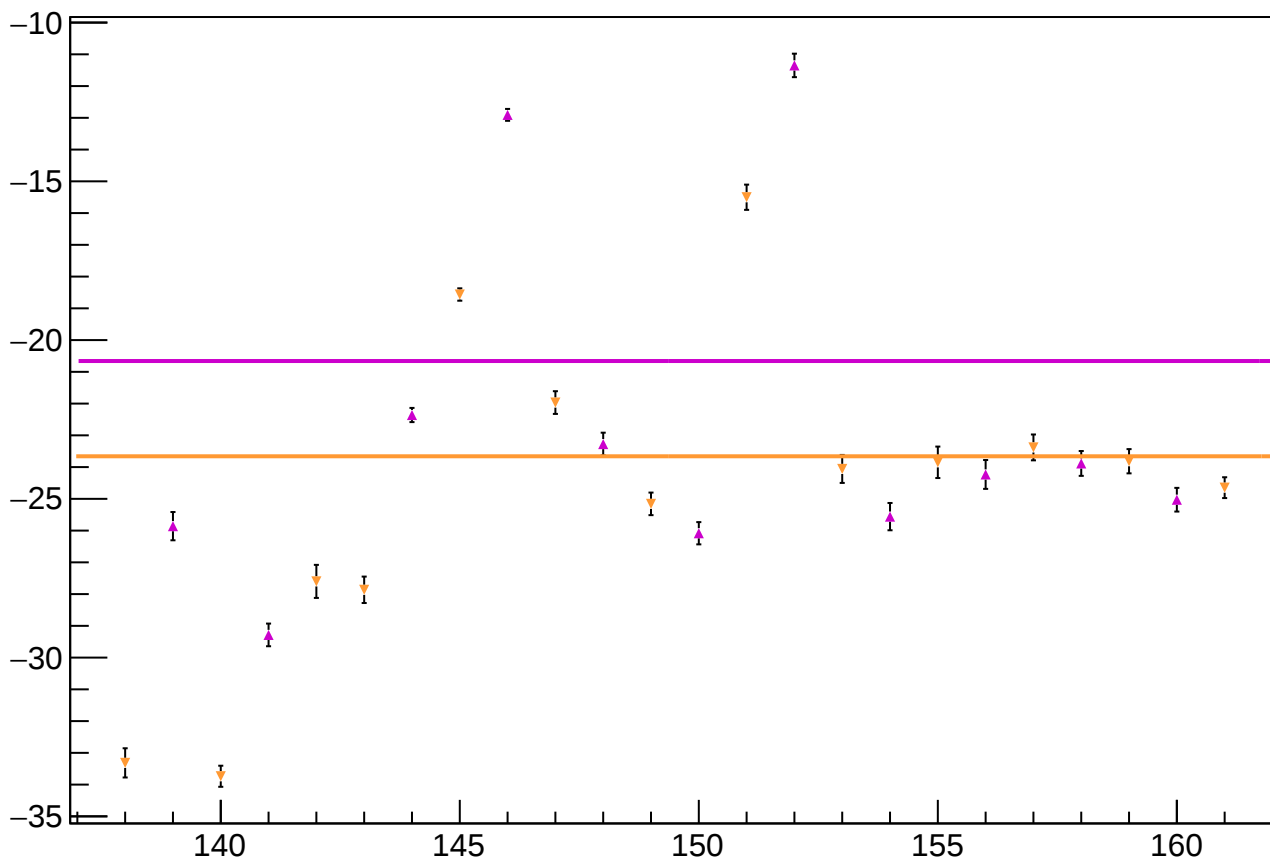
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.218 ± 0.007 χ^2/NDF : 1789.7/27

Out: 0.228 ± 0.007 χ^2/NDF : 2162.2/30

All: 0.223 ± 0.005 χ^2/NDF : 3952.8/58

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.660+/-0.098 χ^2/NDF : 2677.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.659+/-0.096 χ^2/NDF : 3812.8/10

Left: -22.121+/-0.069 χ^2/NDF : 6966.4/23

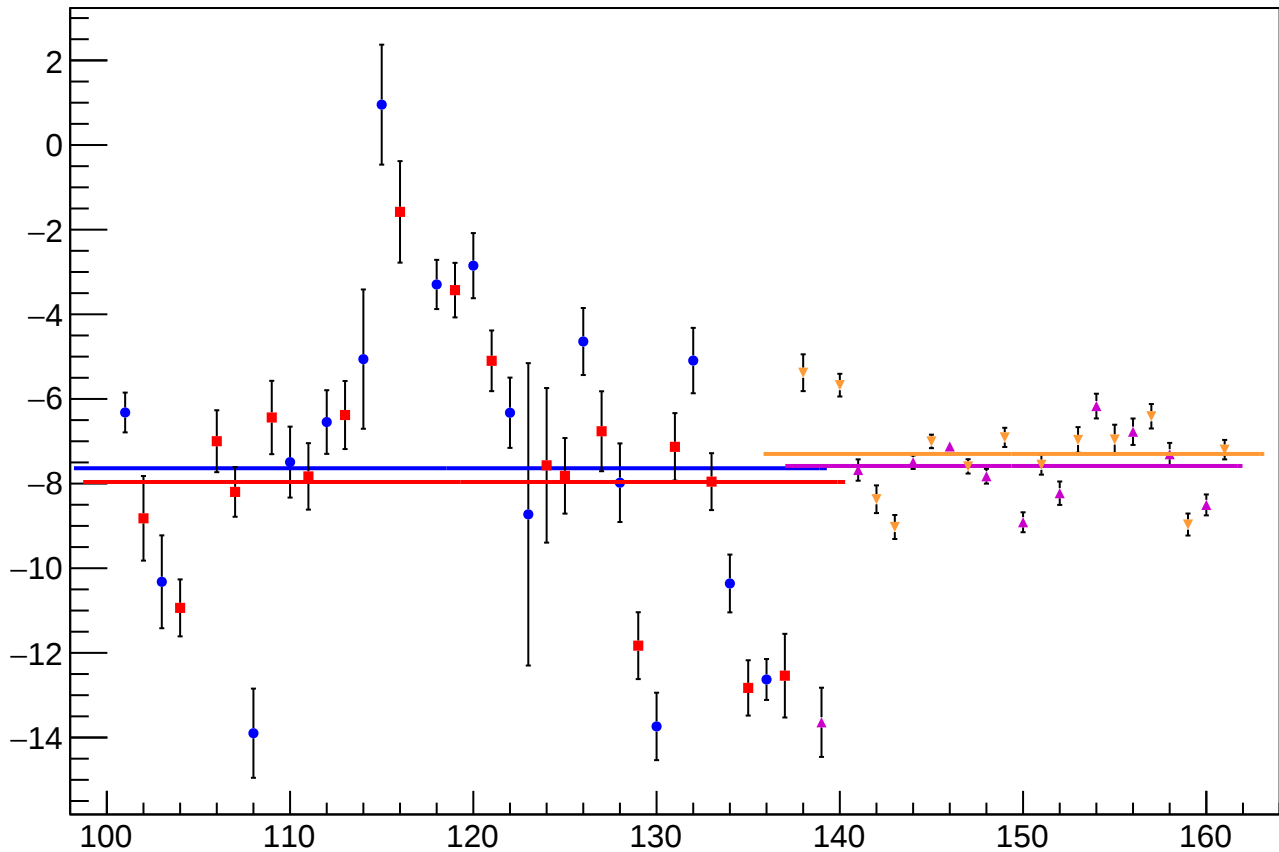
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.659+/-0.096 χ^2/NDF : 3812.8/10

Out: -23.660+/-0.098 χ^2/NDF : 2677.4/12

All: -22.121+/-0.069 χ^2/NDF : 6966.4/23

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.299 ± 0.068 χ^2/NDF : 167.5/12

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.584 ± 0.064 χ^2/NDF : 155.3/10

Left: -7.450 ± 0.046 χ^2/NDF : 332.2/23

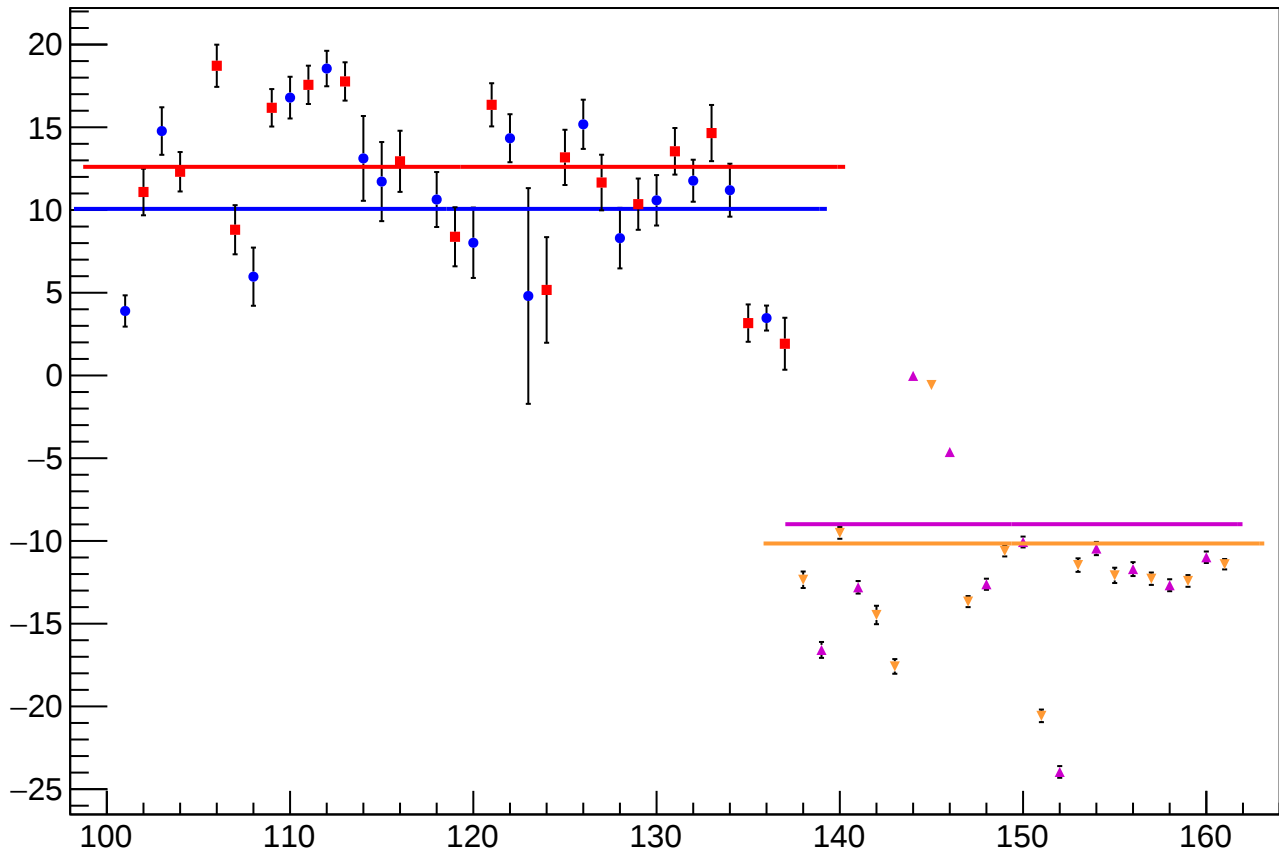
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.589 ± 0.060 χ^2/NDF : 549.4/27

Out: -7.377 ± 0.064 χ^2/NDF : 405.3/30

All: -7.489 ± 0.044 χ^2/NDF : 960.5/58

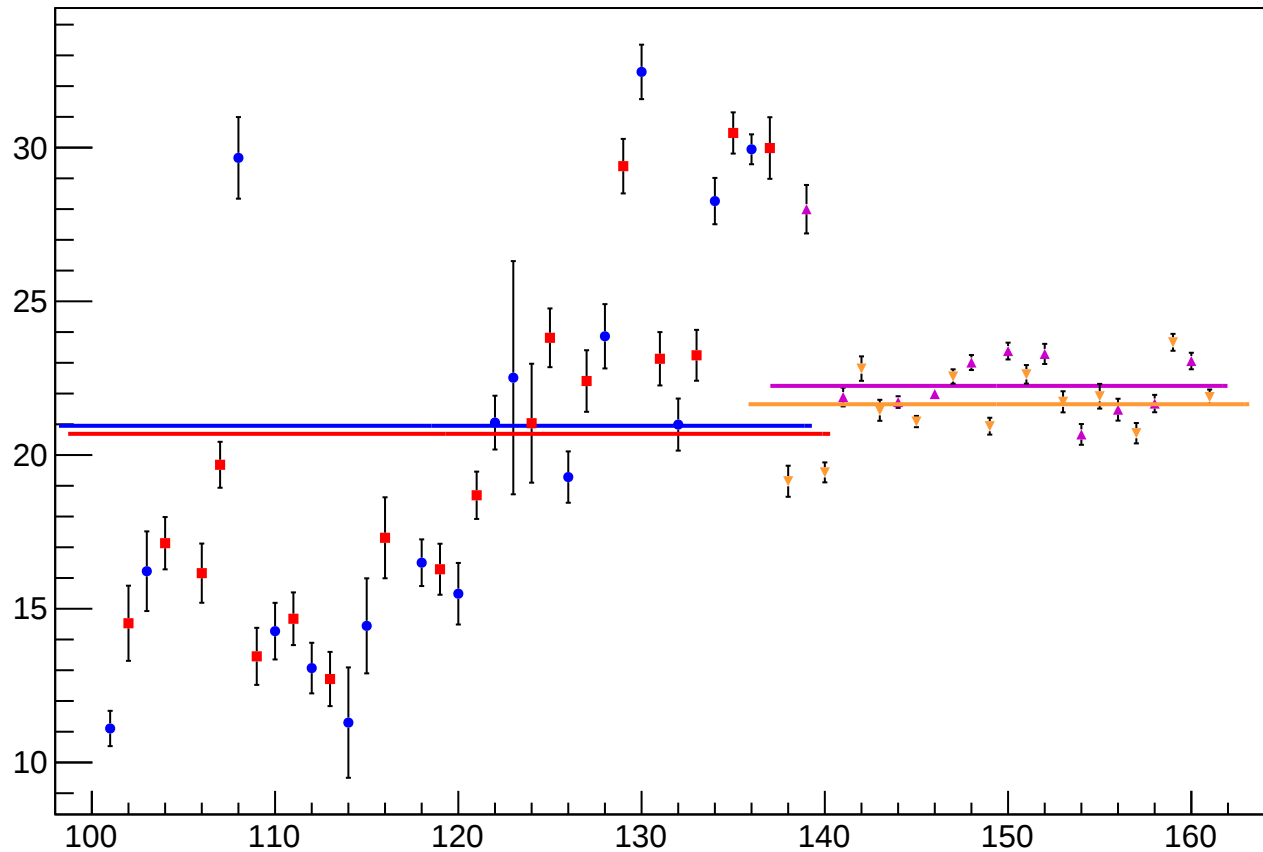
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16
 Left Out: -10.154 ± 0.098 χ^2/NDF : 3502.1/12
 Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17
 Left In: -8.987 ± 0.094 χ^2/NDF : 4446.1/10

Left: -9.547 ± 0.068 χ^2/NDF : 8022.3/23
 Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34
 In: -7.619 ± 0.090 χ^2/NDF : 7660.0/27
 Out: -8.350 ± 0.094 χ^2/NDF : 8021.0/30
 All: -7.971 ± 0.065 χ^2/NDF : 15712.5/58

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: 21.653 $\pm$ 0.081 χ^2 /NDF:184.6/12

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.249 $\pm$ 0.077 χ^2 /NDF:142.2/10

Left: 21.965 $\pm$ 0.056 χ^2 /NDF: 355.6/23

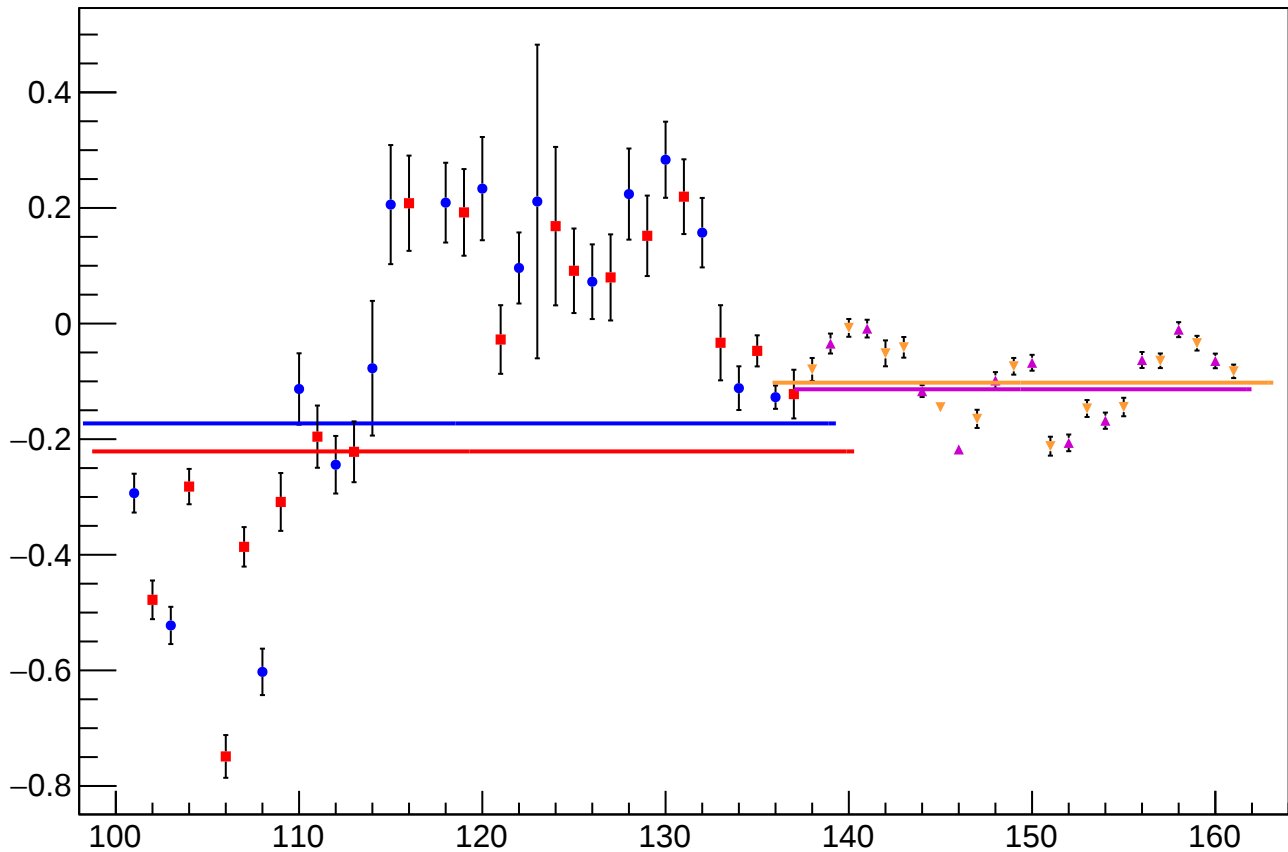
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.096 $\pm$ 0.072 χ^2 /NDF:1398.7/27

Out: 21.532 $\pm$ 0.075 χ^2 /NDF:929.5/30

All: 21.826 $\pm$ 0.052 χ^2 /NDF: 2357.4/58

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: -0.102 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.114 ± 0.004 χ^2/NDF : 380.0/10

Left: -0.108 ± 0.003 χ^2/NDF : 589.7/23

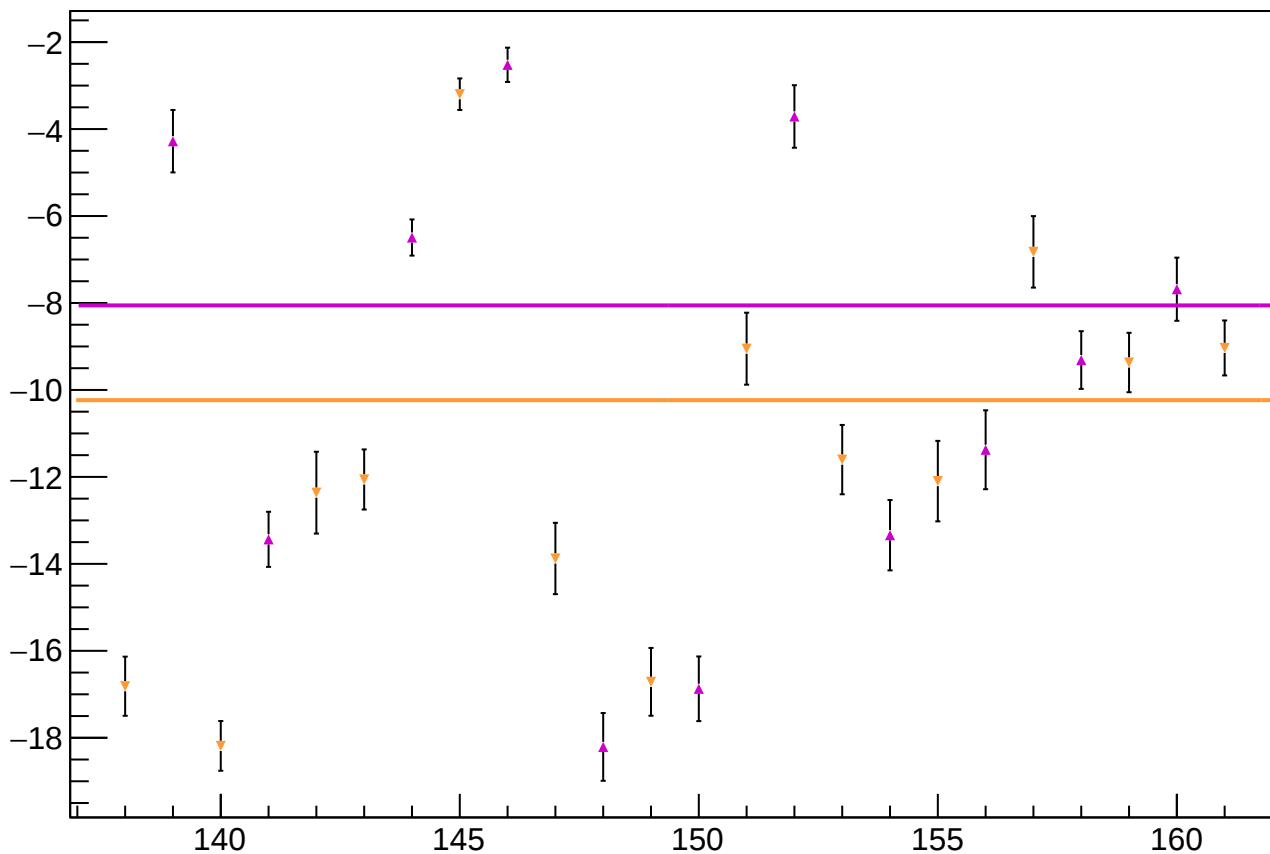
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.120 ± 0.004 χ^2/NDF : 865.2/27

Out: -0.115 ± 0.004 χ^2/NDF : 845.3/30

All: -0.118 ± 0.003 χ^2/NDF : 1711.4/58

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.235+/-0.184 χ^2/NDF : 795.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.056+/-0.186 χ^2/NDF : 717.3/10

Left: -9.156+/-0.131 χ^2/NDF : 1582.1/23

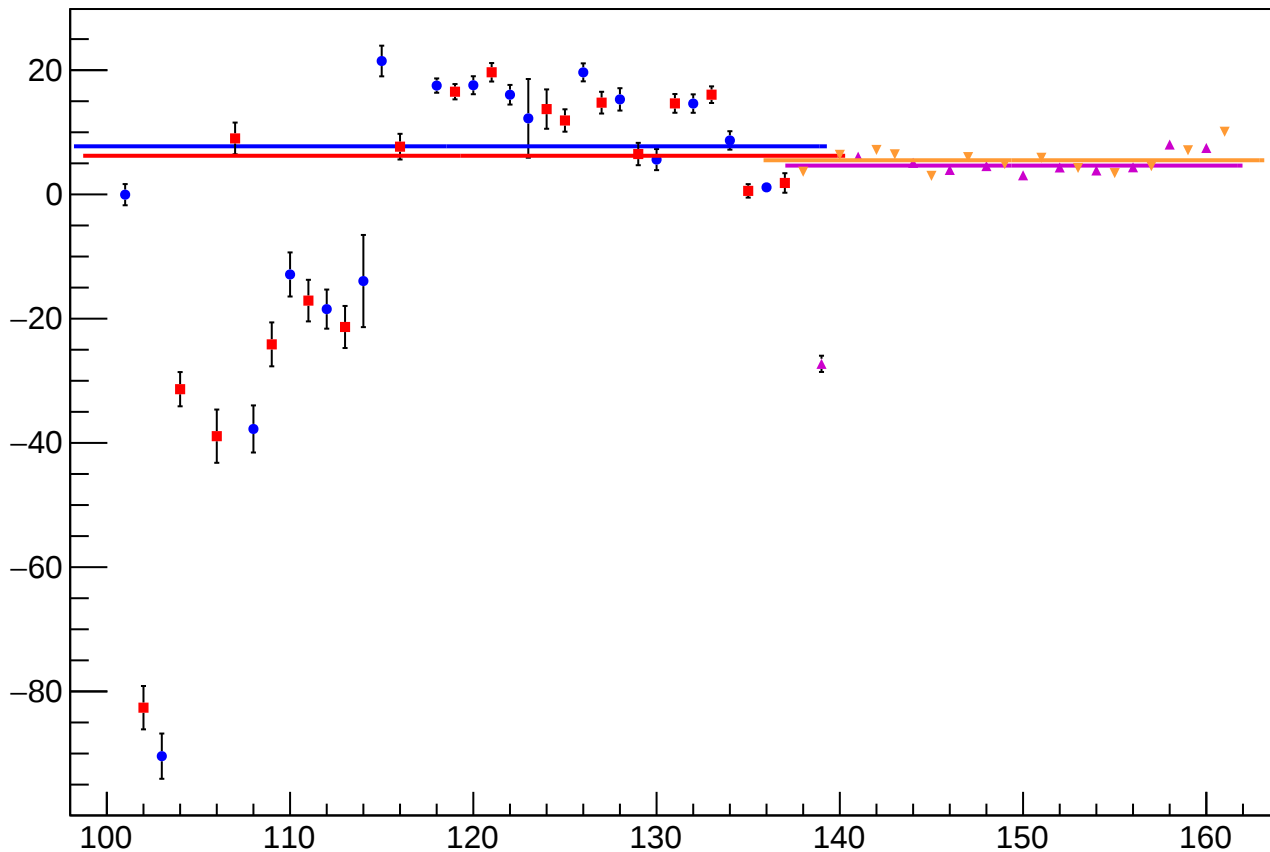
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.056+/-0.186 χ^2/NDF : 717.3/10

Out: -10.235+/-0.184 χ^2/NDF : 795.5/12

All: -9.156+/-0.131 χ^2/NDF : 1582.1/23

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 5.497 ± 0.129 $\chi^2/\text{NDF}: 240.7/12$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.639 ± 0.127 $\chi^2/\text{NDF}: 718.9/10$

Left: 5.059 ± 0.091 $\chi^2/\text{NDF}: 981.9/23$

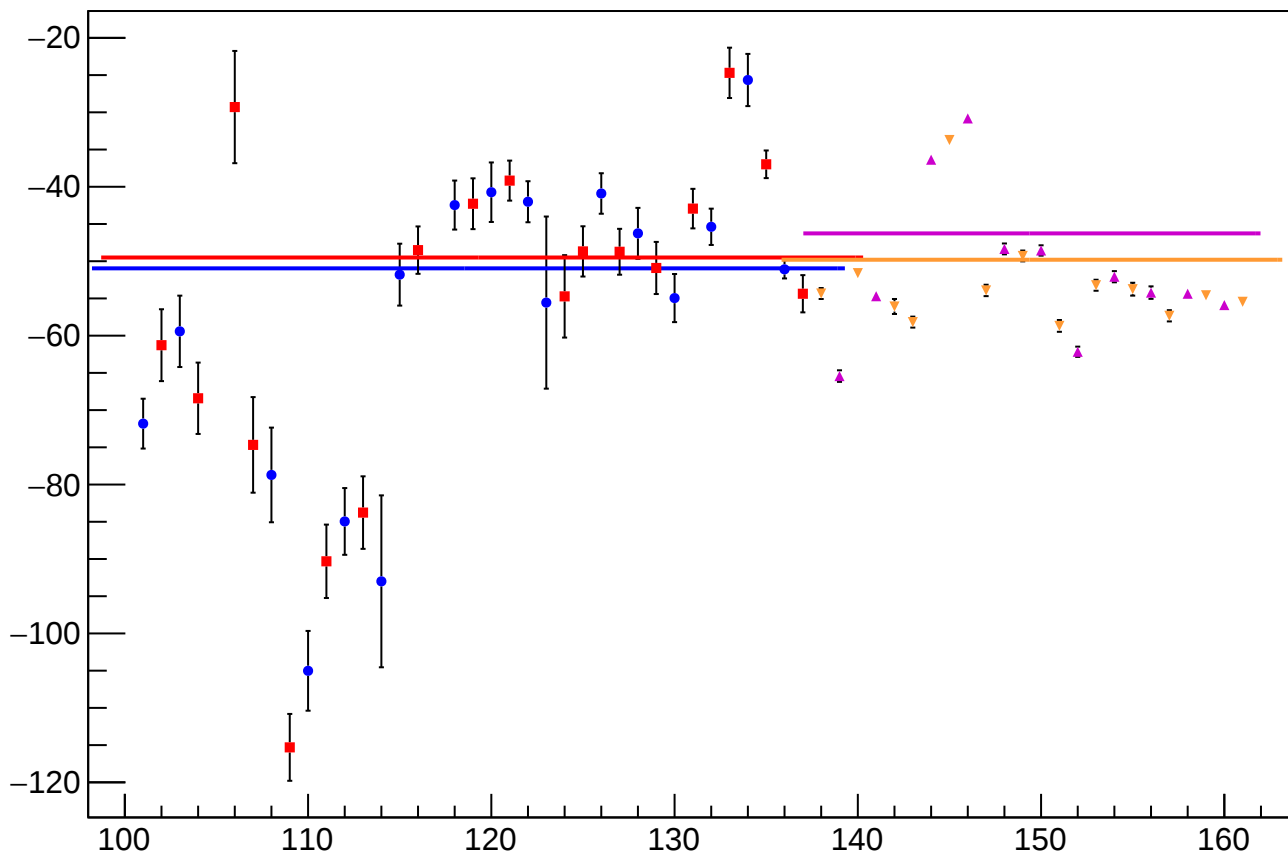
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.919 ± 0.121 $\chi^2/\text{NDF}: 2131.7/27$

Out: 5.557 ± 0.124 $\chi^2/\text{NDF}: 1689.1/30$

All: 5.230 ± 0.087 $\chi^2/\text{NDF}: 3834.4/58$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -49.802 ± 0.185 χ^2/NDF : 2377.9/12

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -46.264 ± 0.183 χ^2/NDF : 3992.1/10

Left: -48.016 ± 0.130 χ^2/NDF : 6555.4/23

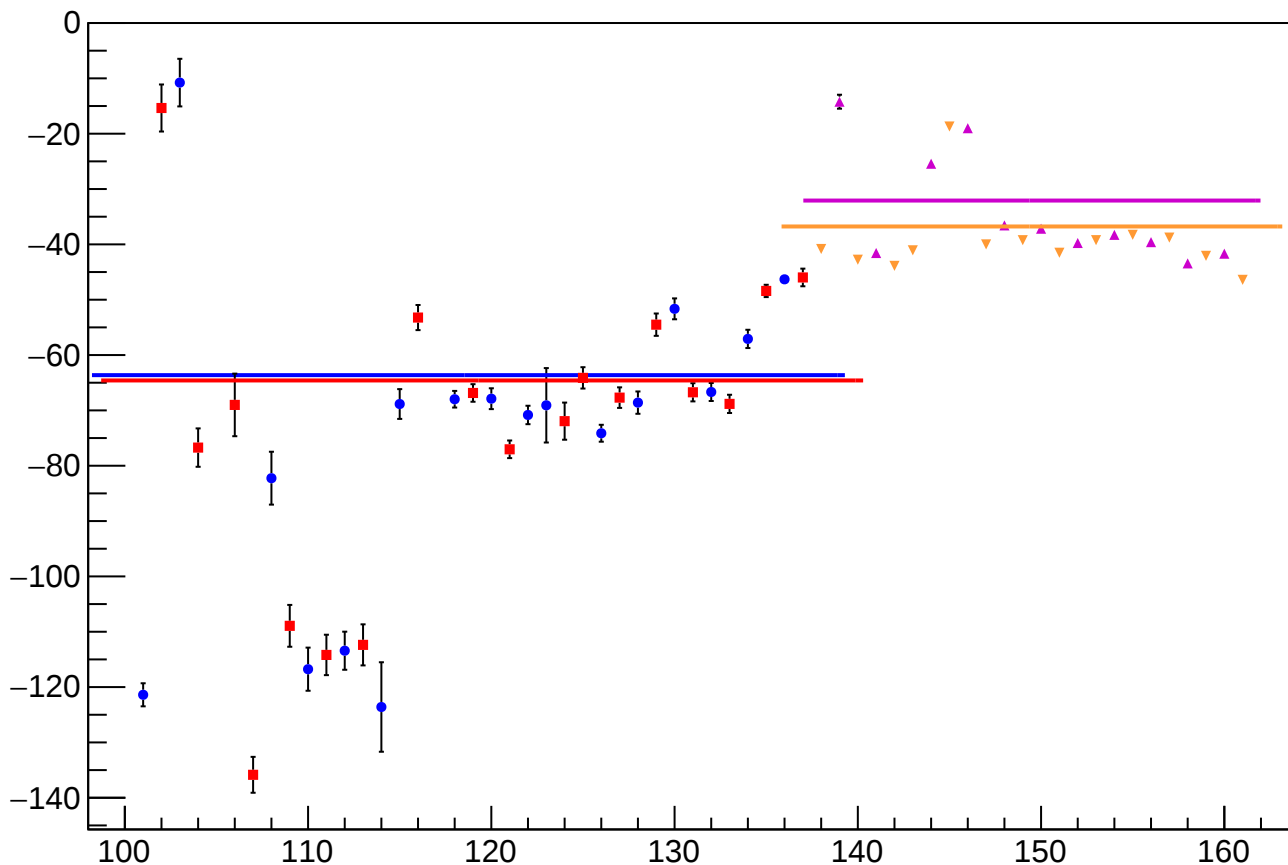
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -46.535 ± 0.177 χ^2/NDF : 4362.1/27

Out: -49.787 ± 0.180 χ^2/NDF : 2884.5/30

All: -48.139 ± 0.126 χ^2/NDF : 7412.2/58

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -36.766 ± 0.153 χ^2/NDF : 3896.2/12

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -32.081 ± 0.151 χ^2/NDF : 3988.7/10

Left: -34.404 ± 0.107 χ^2/NDF : 8359.8/23

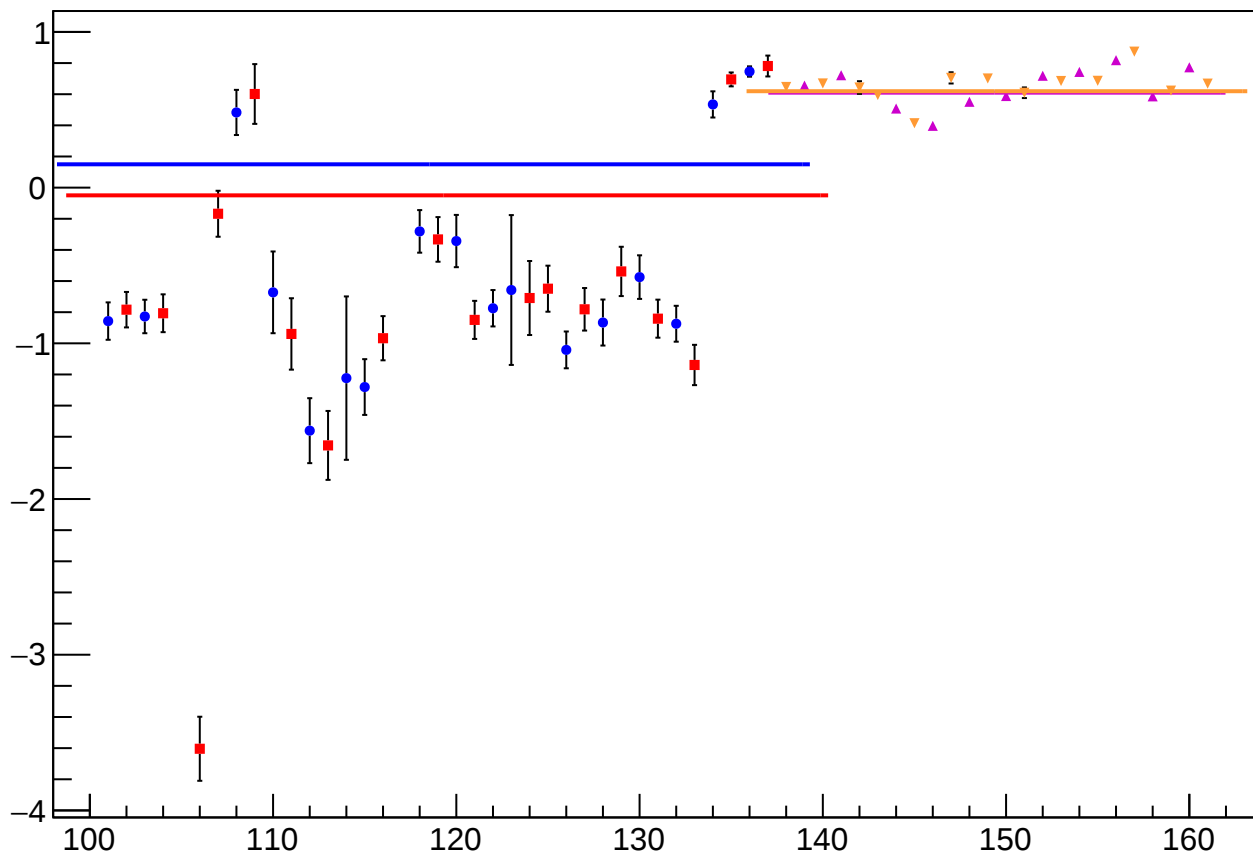
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -35.341 ± 0.143 χ^2/NDF : 10490.0/27

Out: -39.301 ± 0.146 χ^2/NDF : 8517.1/30

All: -37.291 ± 0.102 χ^2/NDF : 19382.9/58

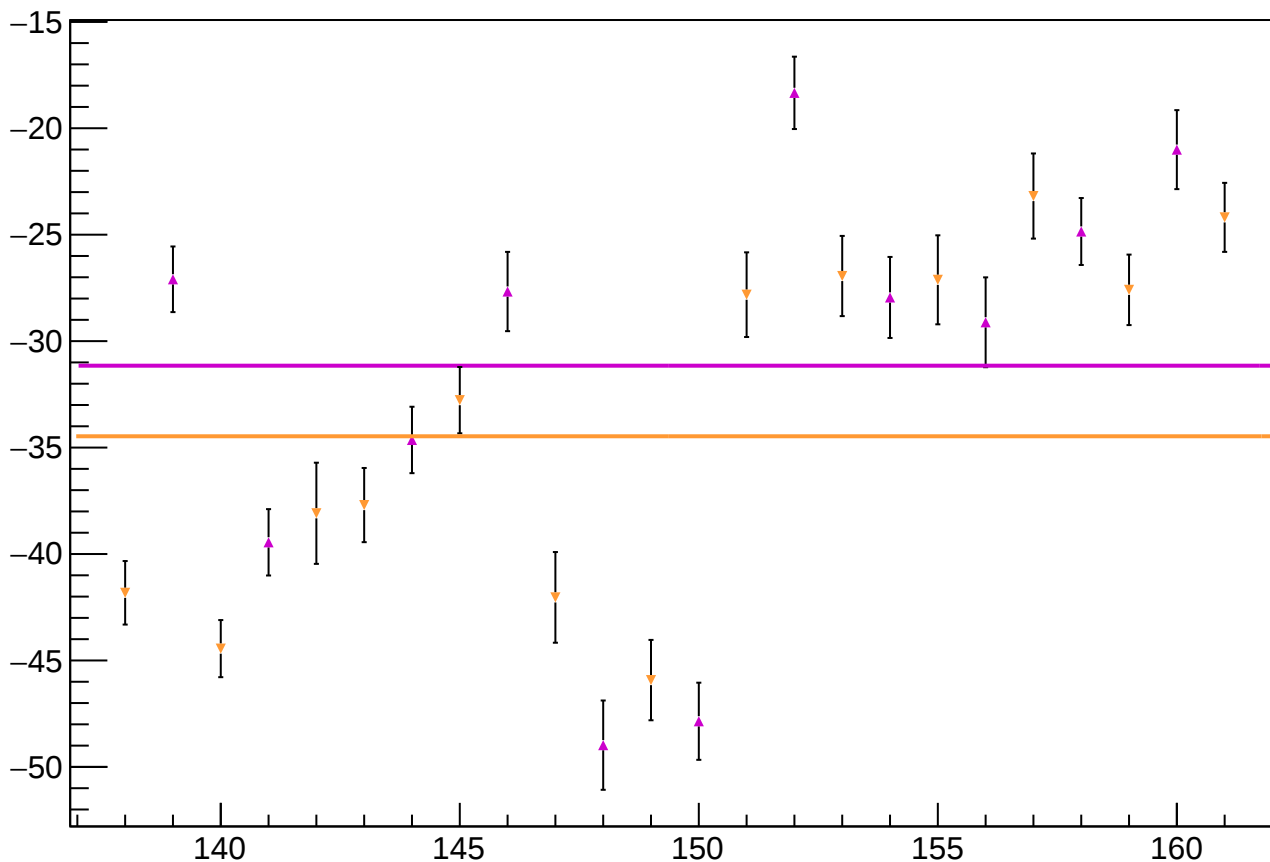
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.619 $\pm$ 0.007 χ^2 /NDF:316.1/12
 Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17
 Left In: 0.610 $\pm$ 0.007 χ^2 /NDF:336.3/10

Left: 0.615 $\pm$ 0.005 χ^2 /NDF: 653.2/23
 Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34
 In: 0.570 $\pm$ 0.007 χ^2 /NDF:1662.0/27
 Out: 0.572 $\pm$ 0.007 χ^2 /NDF:2074.6/30
 All: 0.571 $\pm$ 0.005 χ^2 /NDF: 3736.7/58

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: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.153 $\pm$ 0.527 χ^2 /NDF:307.6/10

Left: -32.934 $\pm$ 0.358 χ^2 /NDF: 593.7/23

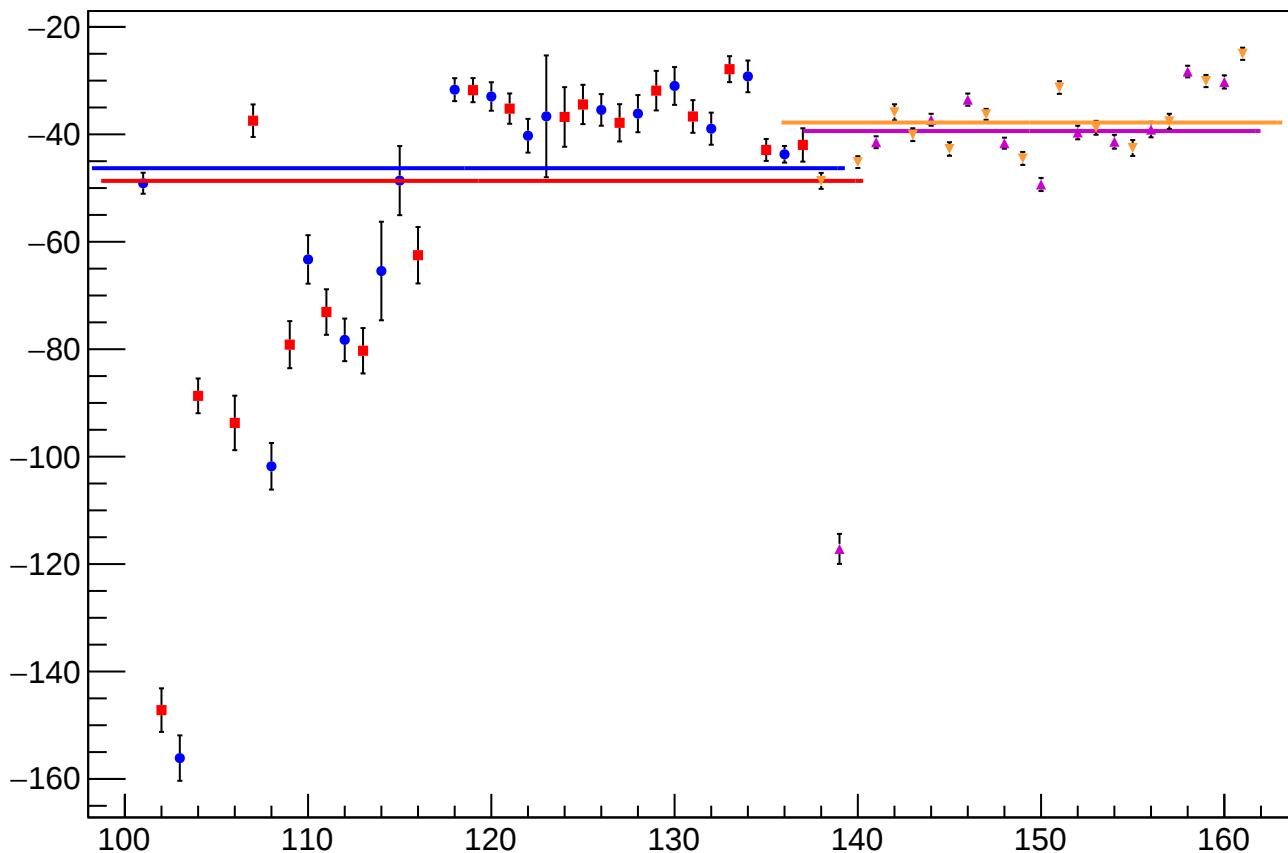
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.153 $\pm$ 0.527 χ^2 /NDF:307.6/10

Out: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12

All: -32.934 $\pm$ 0.358 χ^2 /NDF: 593.7/23

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: -37.797 ± 0.342 χ^2/NDF : 366.3/12

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -39.383 ± 0.369 χ^2/NDF : 1043.2/10

Left: -38.530 ± 0.251 χ^2/NDF : 1419.4/23

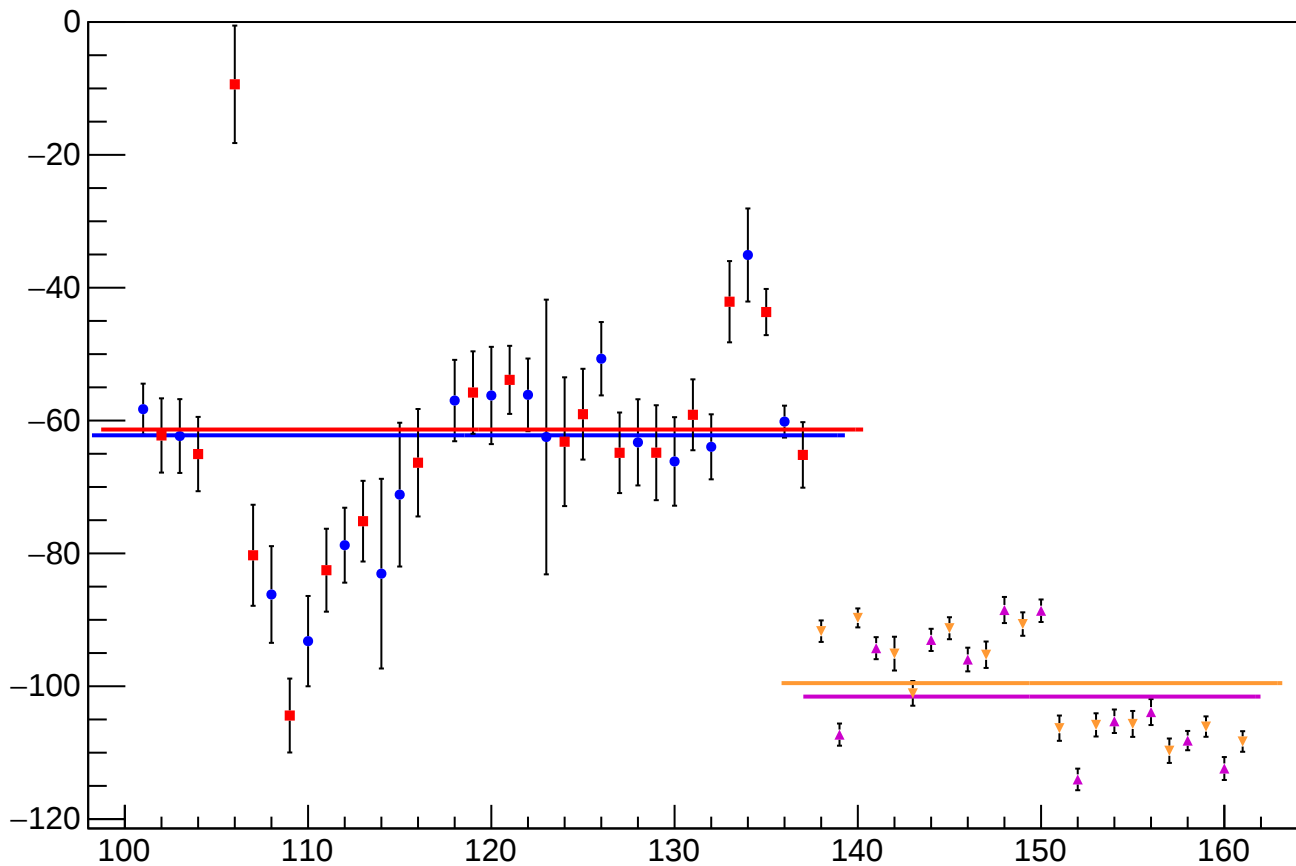
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -40.813 ± 0.329 χ^2/NDF : 2199.7/27

Out: -39.617 ± 0.312 χ^2/NDF : 1747.4/30

All: -40.184 ± 0.226 χ^2/NDF : 3954.0/58

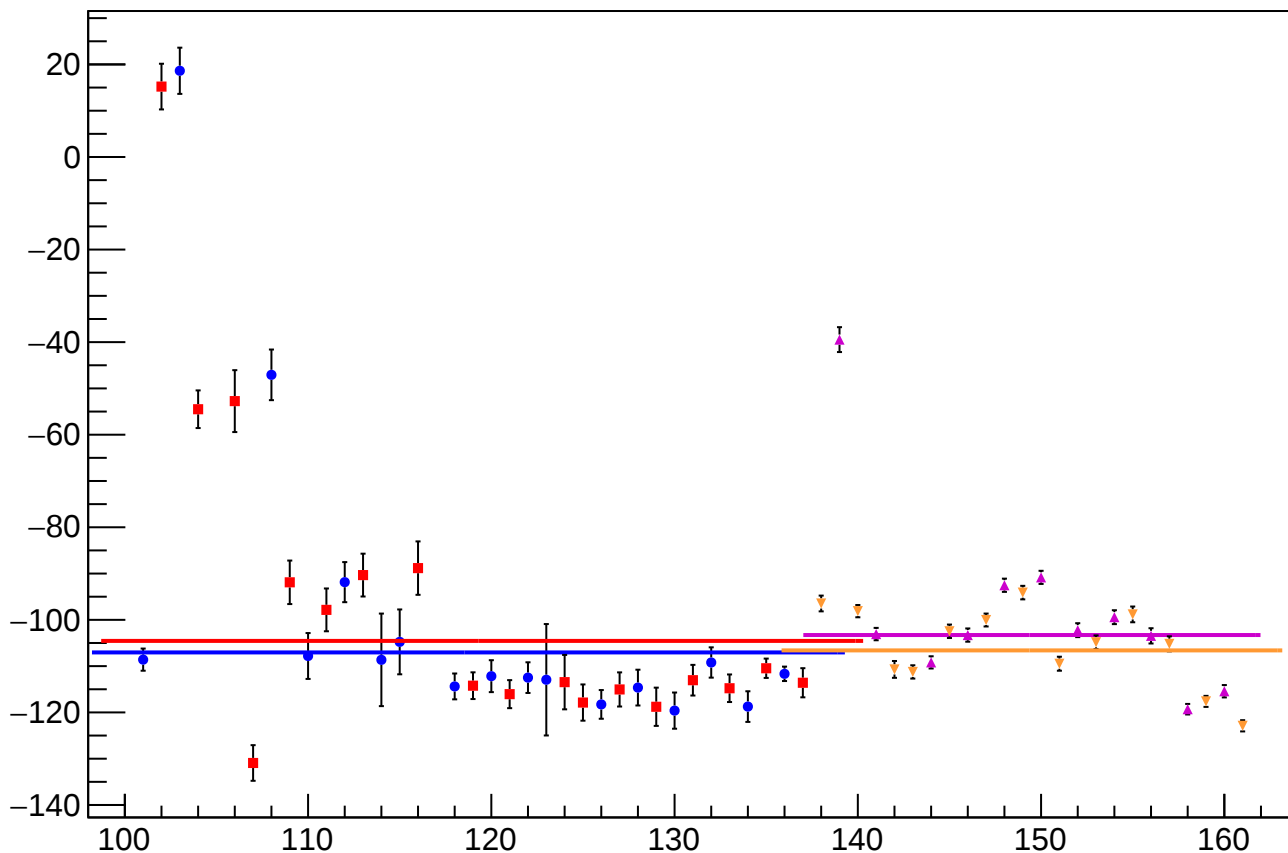
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.528 ± 0.485 χ^2/NDF : 245.8/12
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -101.556 ± 0.515 χ^2/NDF : 294.0/10

Left: -100.481 ± 0.353 χ^2/NDF : 548.0/23
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -96.306 ± 0.479 χ^2/NDF : 1140.6/27
 Out: -95.352 ± 0.457 χ^2/NDF : 1083.0/30
 All: -95.806 ± 0.331 χ^2/NDF : 2225.7/58

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: -106.602 ± 0.403 χ^2/NDF : 486.7/12

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -103.282 ± 0.433 χ^2/NDF : 1004.2/10

Left: -105.062 ± 0.295 χ^2/NDF : 1522.4/23

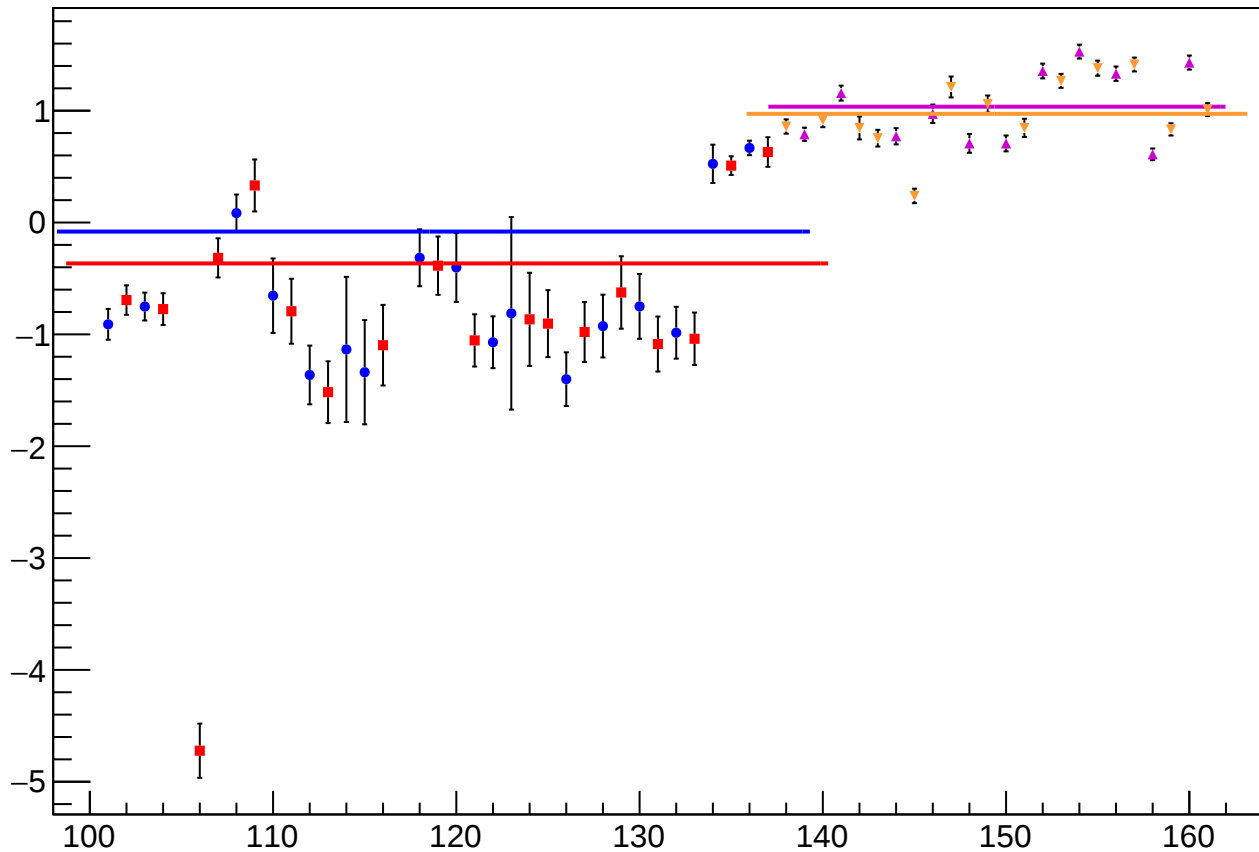
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -104.114 ± 0.382 χ^2/NDF : 1848.8/27

Out: -106.233 ± 0.365 χ^2/NDF : 1458.8/30

All: -105.223 ± 0.264 χ^2/NDF : 3323.7/58

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: 0.972 ± 0.019 χ^2/NDF : 268.4/12

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.036 ± 0.020 χ^2/NDF : 284.4/10

Left: 1.002 ± 0.014 χ^2/NDF : 558.2/23

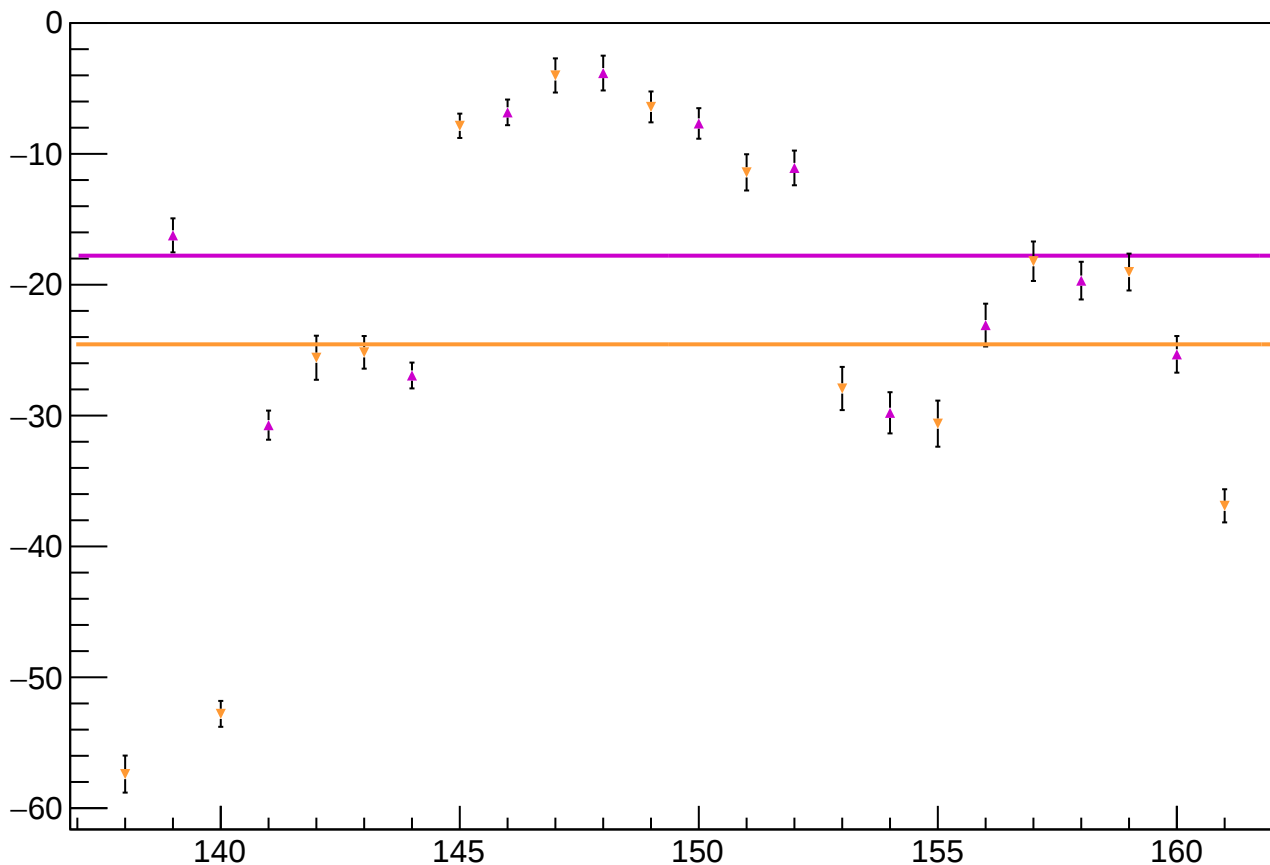
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.833 ± 0.018 χ^2/NDF : 1186.5/27

Out: 0.765 ± 0.017 χ^2/NDF : 1621.9/30

All: 0.798 ± 0.012 χ^2/NDF : 2816.0/58

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



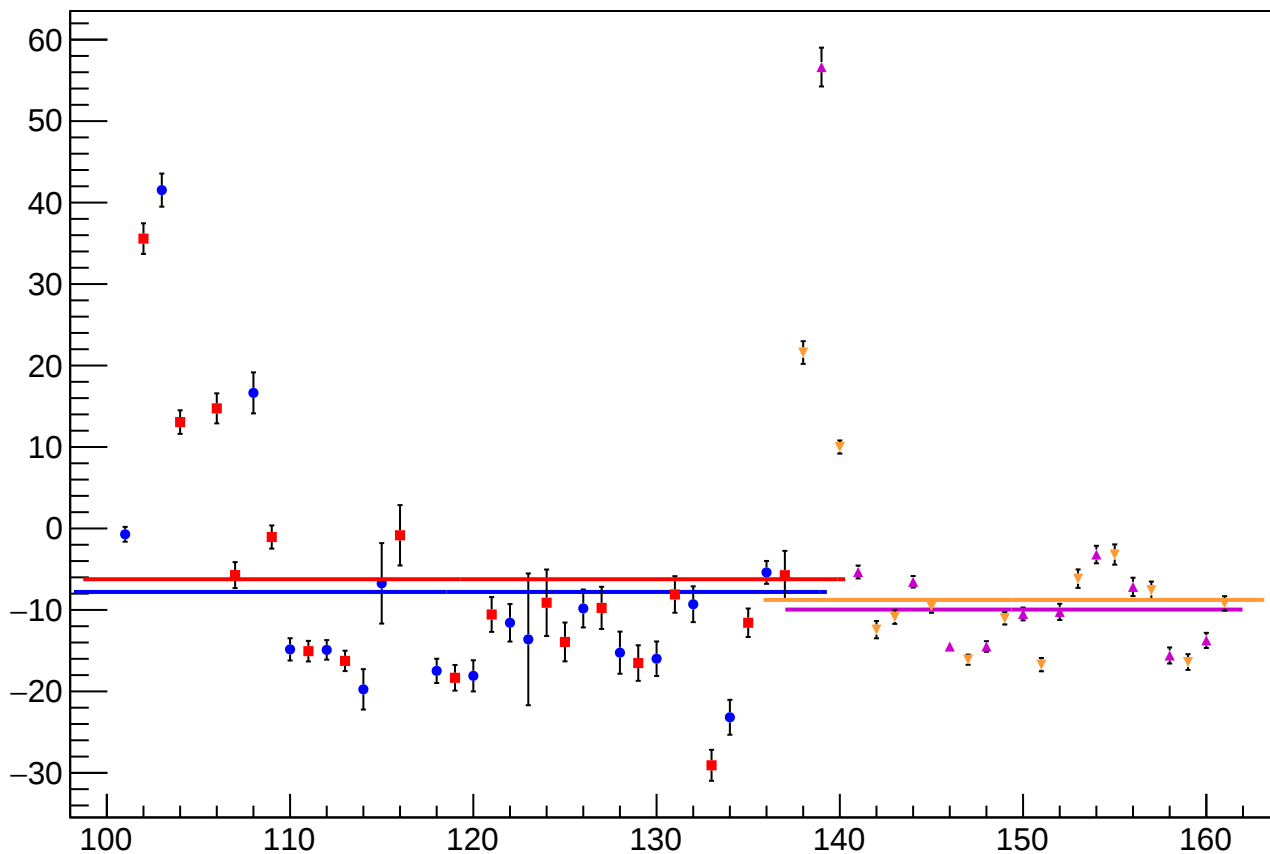
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.555+/-0.359 χ^2/NDF :2394.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.780+/-0.375 χ^2/NDF :658.0/10

Left: -21.316+/-0.259 χ^2/NDF : 3222.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.780+/-0.375 χ^2/NDF :658.0/10
 Out: -24.555+/-0.359 χ^2/NDF :2394.3/12

All: -21.316+/-0.259 χ^2/NDF : 3222.5/23

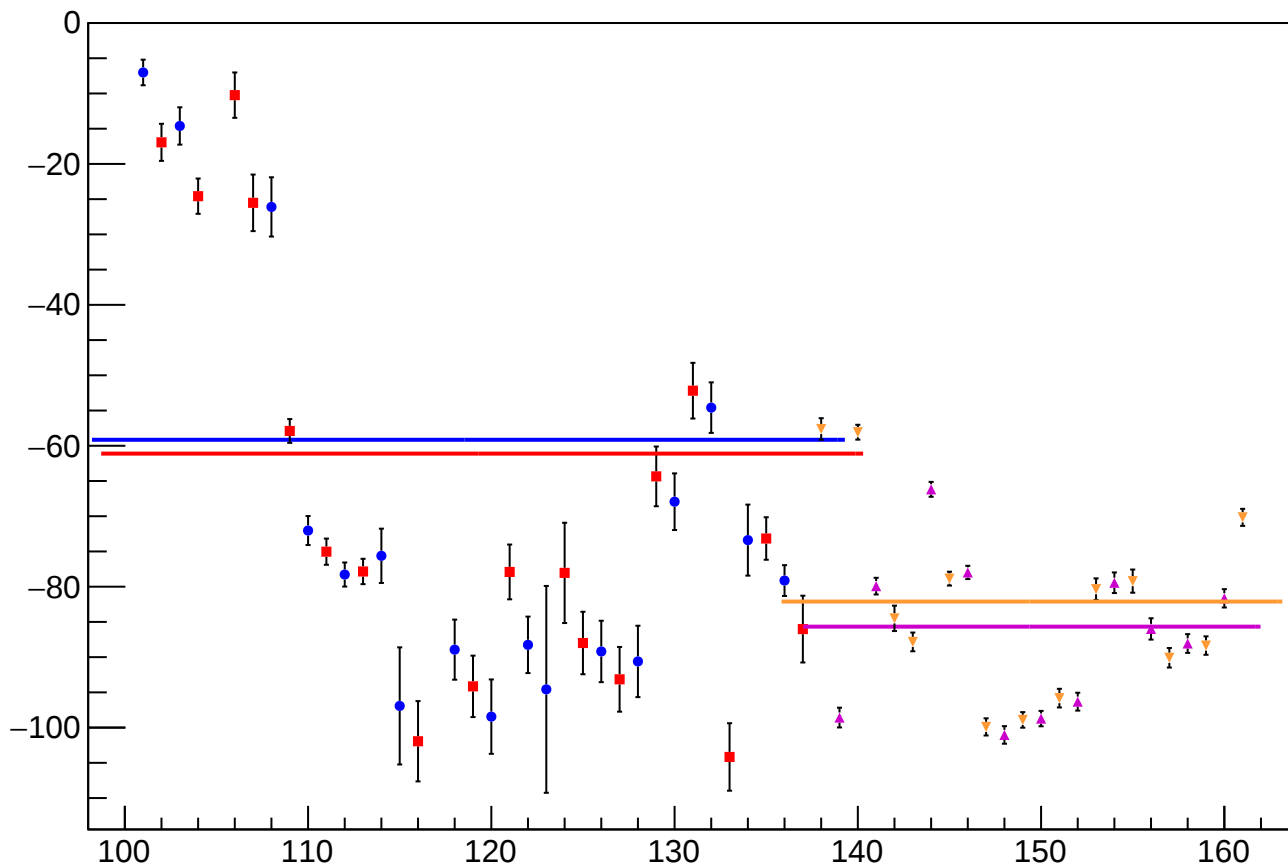
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.768 ± 0.246 χ^2/NDF : 1363.8/12
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -9.956 ± 0.256 χ^2/NDF : 1038.2/10

Left: -9.339 ± 0.178 χ^2/NDF : 2413.2/23
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -9.386 ± 0.220 χ^2/NDF : 2039.7/27
 Out: -8.140 ± 0.214 χ^2/NDF : 2573.0/30
 All: -8.746 ± 0.153 χ^2/NDF : 4629.2/58

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.110 ± 0.356 χ^2/NDF : 1515.7/12

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -85.673 ± 0.367 χ^2/NDF : 910.7/10

Left: -83.836 ± 0.256 χ^2/NDF : 2474.9/23

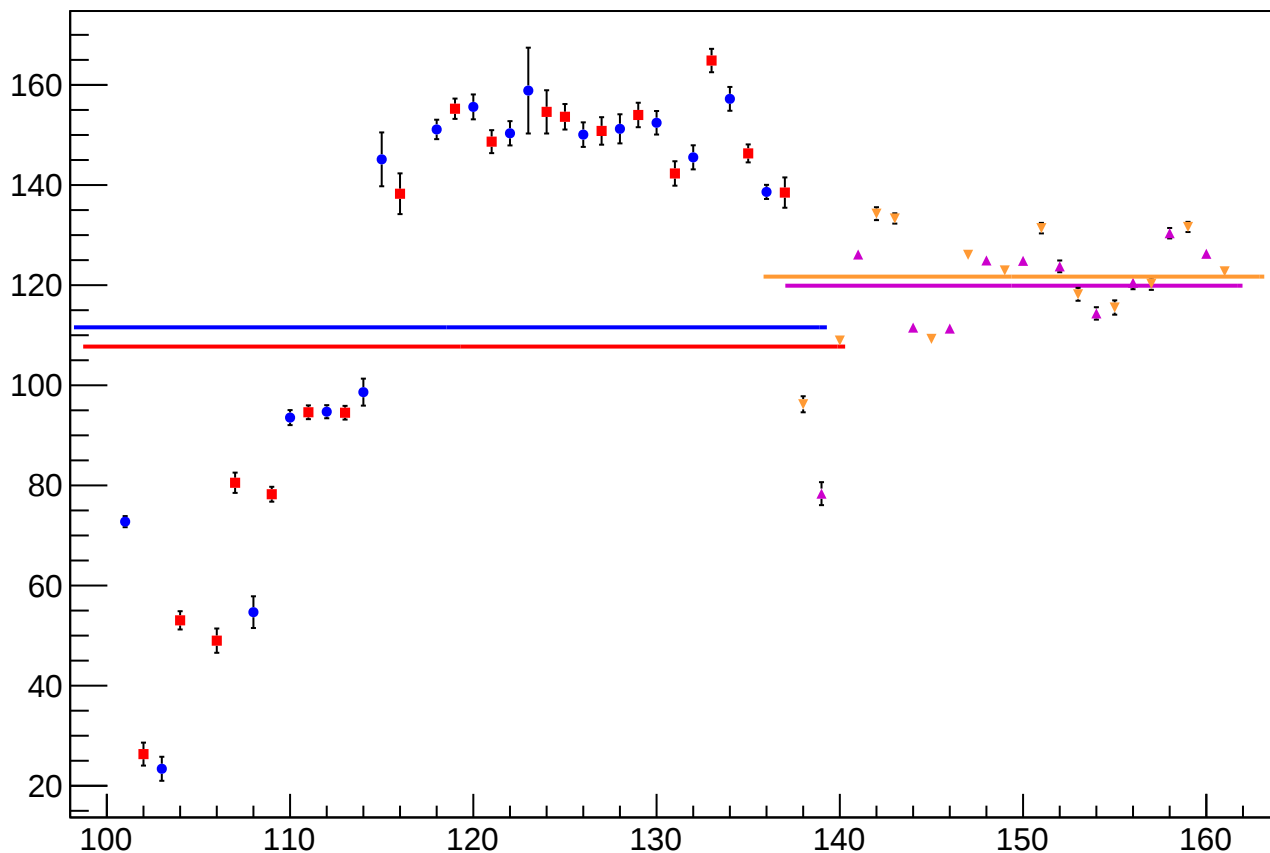
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -80.487 ± 0.330 χ^2/NDF : 3647.9/27

Out: -77.866 ± 0.318 χ^2/NDF : 3535.8/30

All: -79.131 ± 0.229 χ^2/NDF : 7216.5/58

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 121.707 $\pm$ 0.294 χ^2 /NDF:1085.4/12

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 119.894 $\pm$ 0.306 χ^2 /NDF:827.6/10

Left: 120.836 $\pm$ 0.212 χ^2 /NDF: 1931.3/23

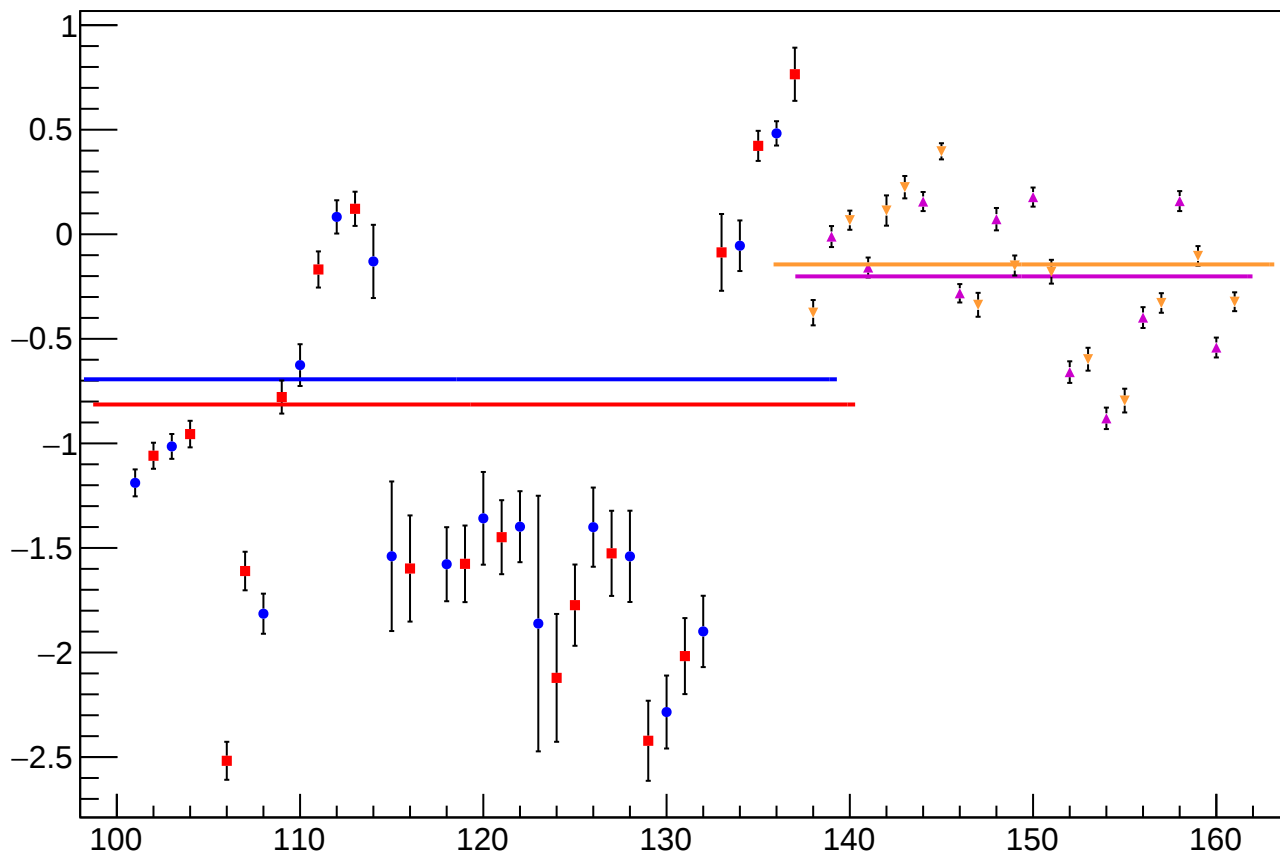
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 117.550 $\pm$ 0.259 χ^2 /NDF:6982.4/27

Out: 117.998 $\pm$ 0.252 χ^2 /NDF:8522.3/30

All: 117.780 $\pm$ 0.180 χ^2 /NDF: 15506.2/58

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.144 ± 0.014 χ^2/NDF : 536.1/12

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.201 ± 0.015 χ^2/NDF : 552.4/10

Left: -0.172 ± 0.010 χ^2/NDF : 1096.5/23

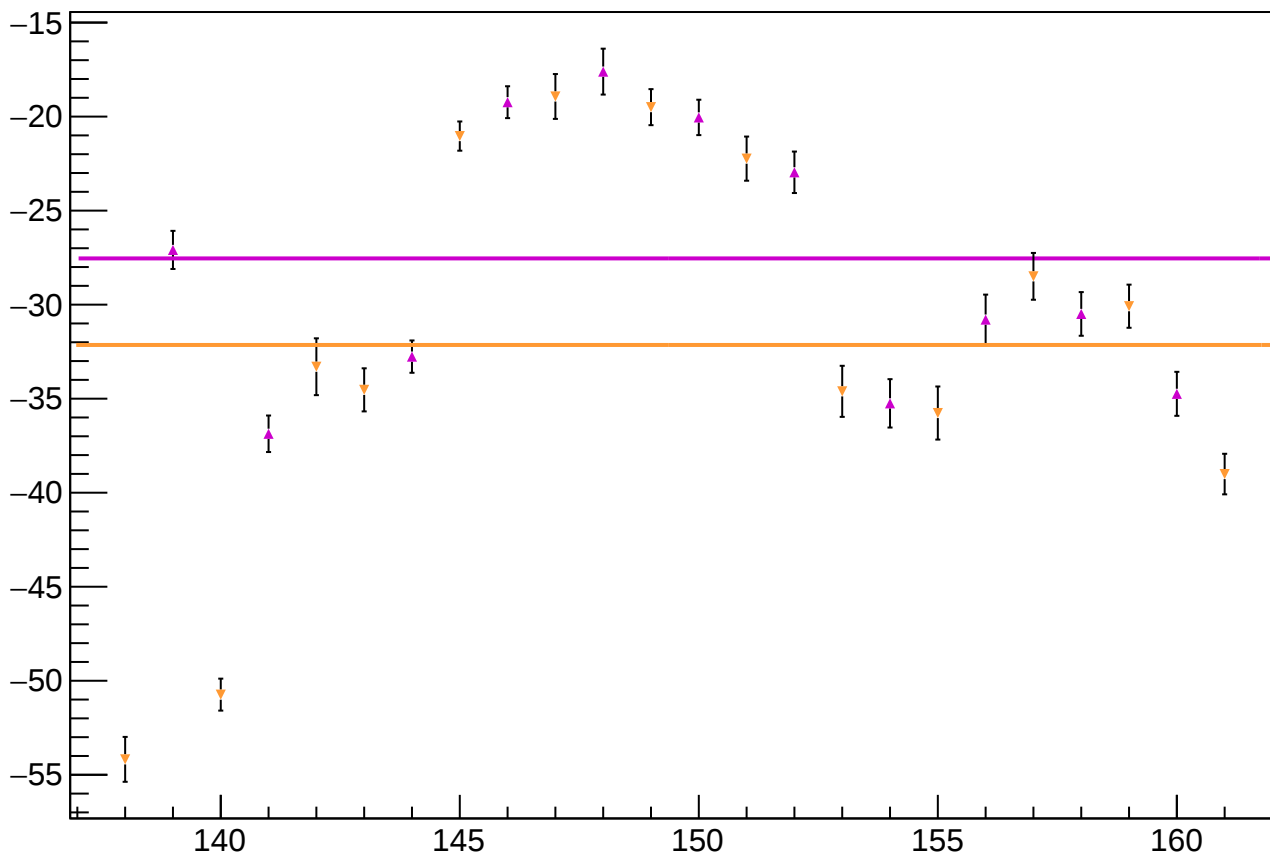
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.321 ± 0.013 χ^2/NDF : 1818.7/27

Out: -0.310 ± 0.012 χ^2/NDF : 2407.8/30

All: -0.315 ± 0.009 χ^2/NDF : 4226.7/58

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: -32.144+/-0.305 χ^2/NDF :1459.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -27.542+/-0.315 χ^2/NDF :458.8/10

Left: -29.923+/-0.219 χ^2/NDF : 2028.3/23

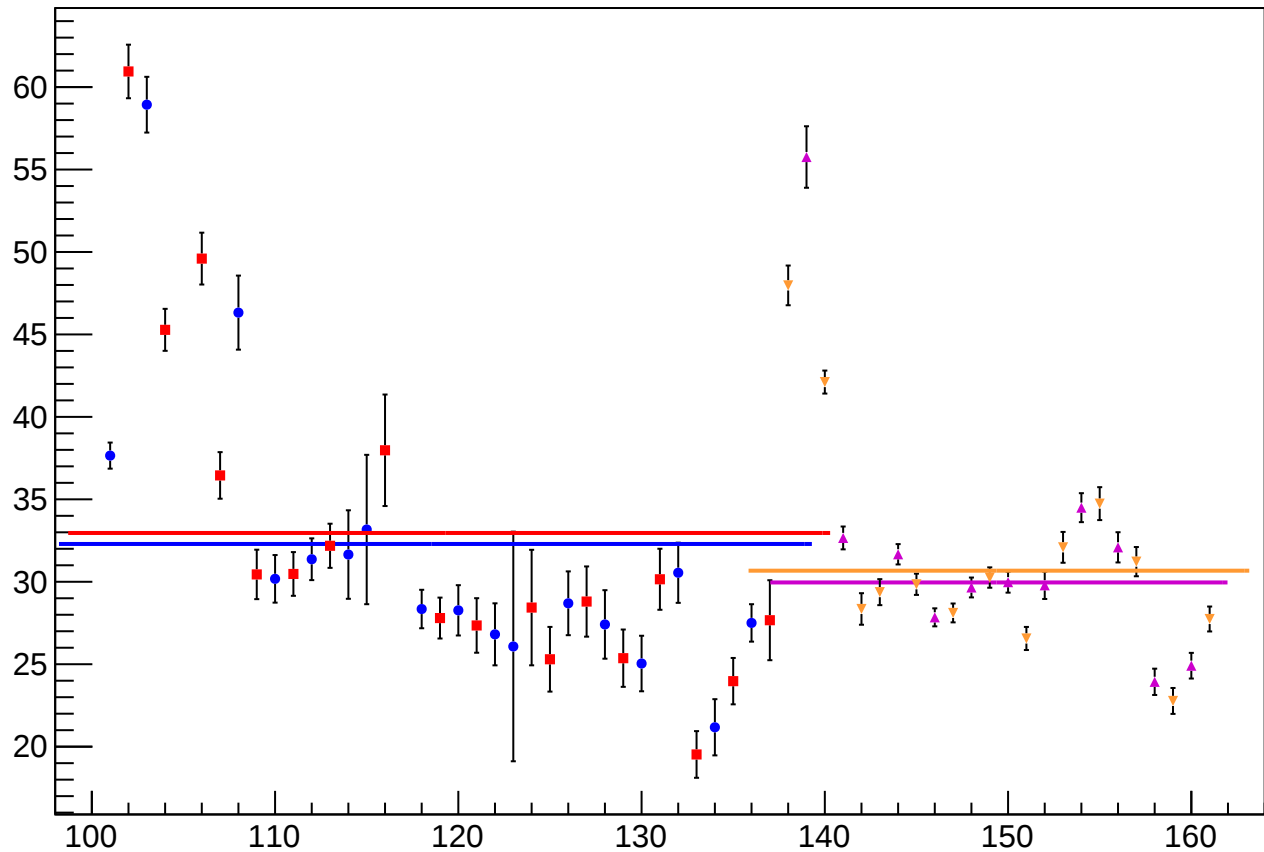
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.542+/-0.315 χ^2/NDF :458.8/10

Out: -32.144+/-0.305 χ^2/NDF :1459.3/12

All: -29.923+/-0.219 χ^2/NDF : 2028.3/23

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 30.673 ± 0.211 $\chi^2/\text{NDF}: 675.8/12$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 29.959 ± 0.220 $\chi^2/\text{NDF}: 360.7/10$

Left: 30.330 ± 0.152 $\chi^2/\text{NDF}: 1042.1/23$

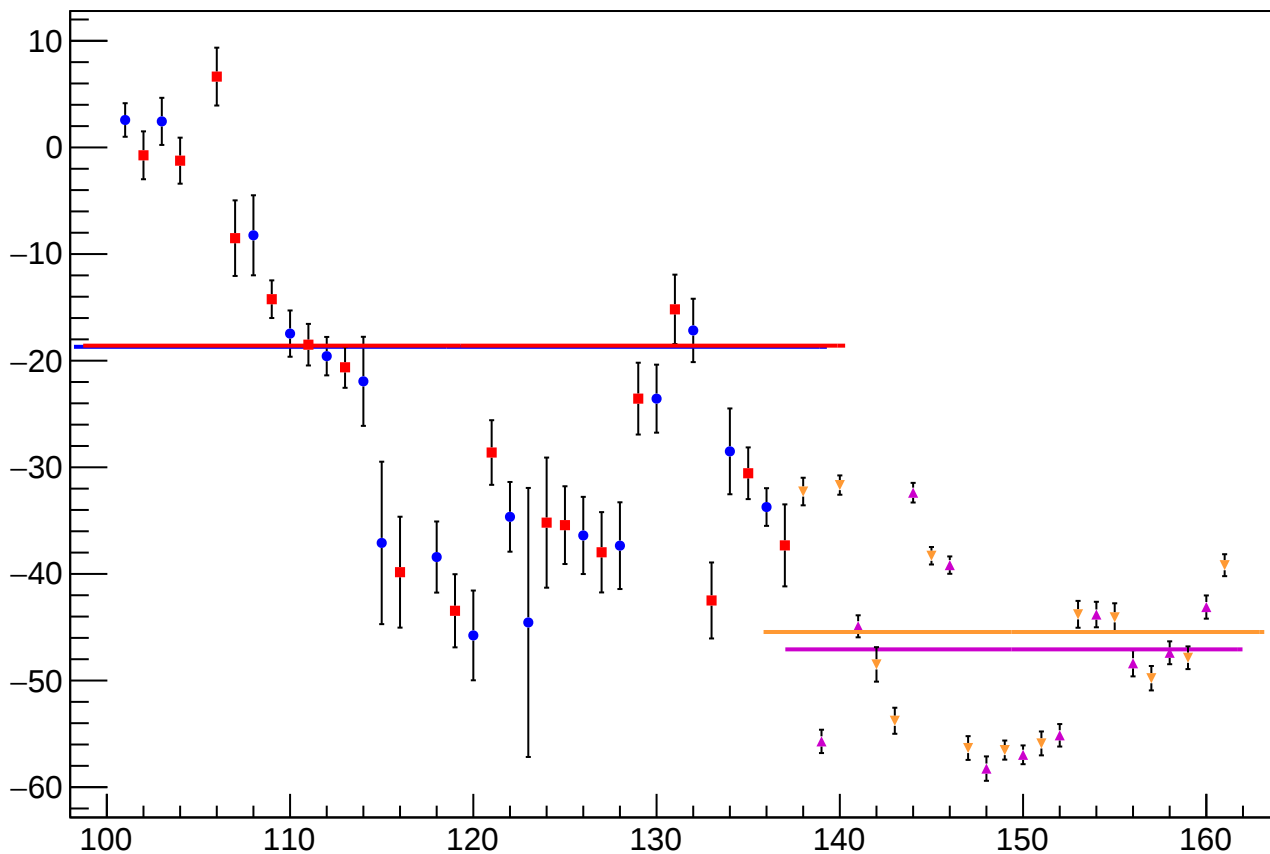
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 30.559 ± 0.189 $\chi^2/\text{NDF}: 842.3/27$

Out: 31.214 ± 0.185 $\chi^2/\text{NDF}: 1427.5/30$

All: 30.895 ± 0.132 $\chi^2/\text{NDF}: 2276.0/58$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$
 Left Out: -45.447 ± 0.301 $\chi^2/\text{NDF}: 855.9/12$
 Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$
 Left In: -47.077 ± 0.309 $\chi^2/\text{NDF}: 717.6/10$

Left: -46.242 ± 0.216 $\chi^2/\text{NDF}: 1587.8/23$

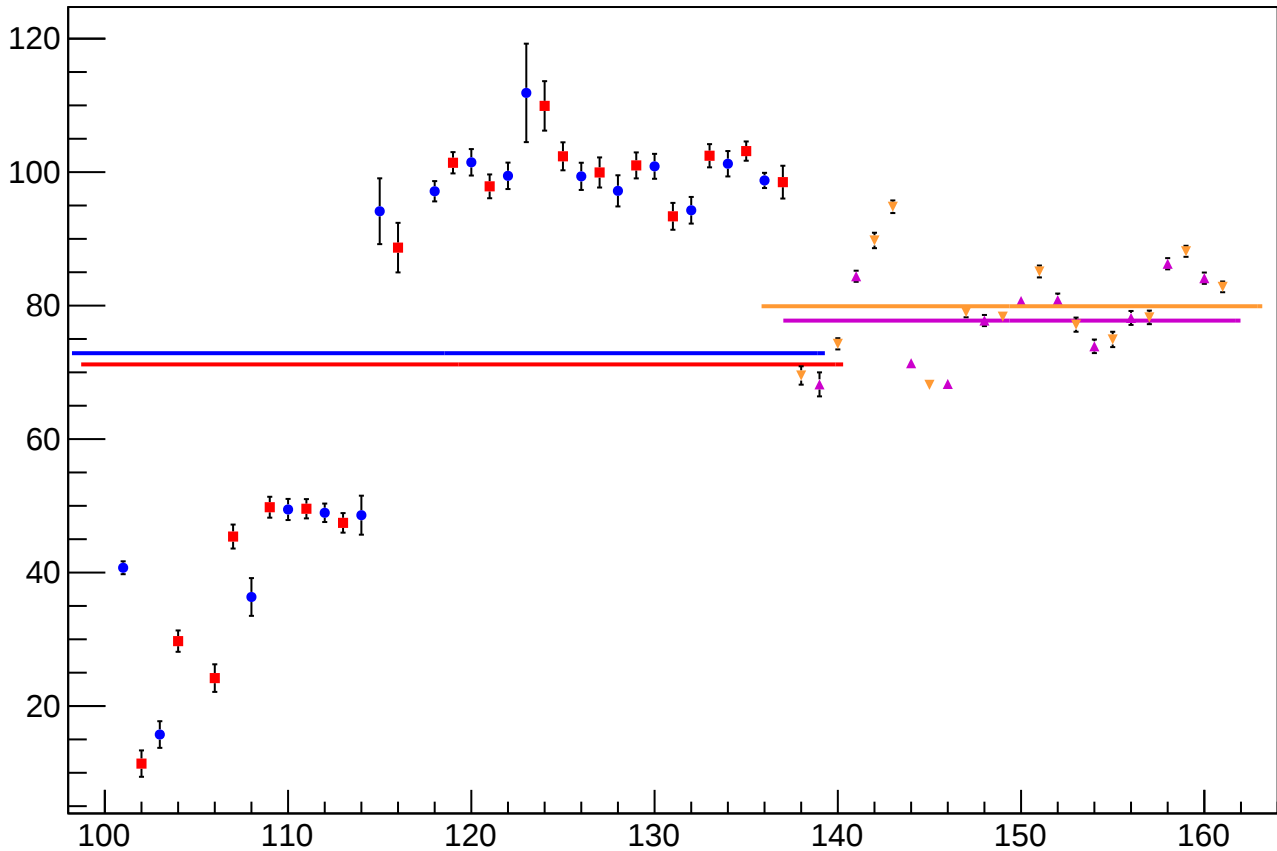
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -42.063 ± 0.280 $\chi^2/\text{NDF}: 2729.1/27$

Out: -40.662 ± 0.273 $\chi^2/\text{NDF}: 2730.8/30$

All: -41.345 ± 0.196 $\chi^2/\text{NDF}: 5472.8/58$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 79.905 $\pm$ 0.250 χ^2 /NDF: 855.8/12

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 77.754 $\pm$ 0.260 χ^2 /NDF: 565.5/10

Left: 78.867 $\pm$ 0.180 χ^2 /NDF: 1456.8/23

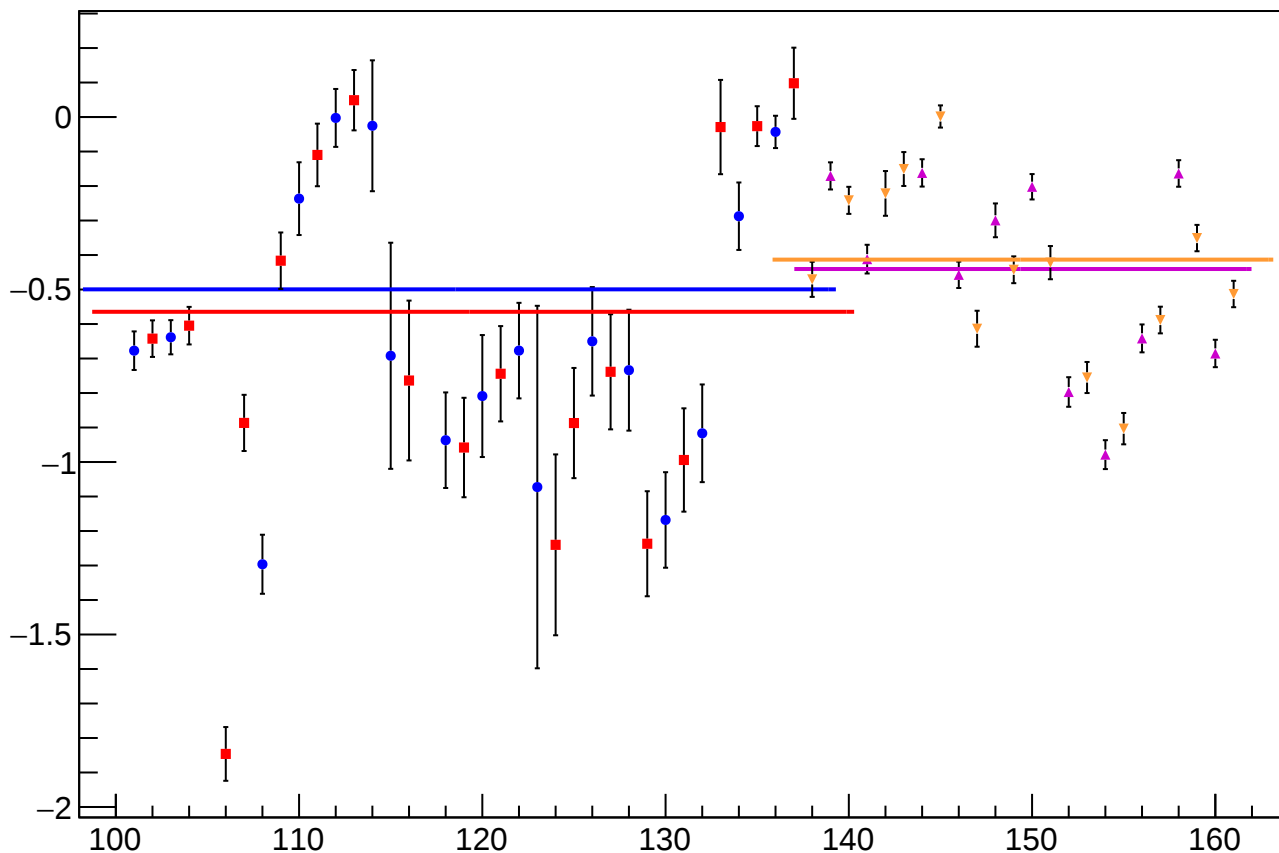
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 76.434 $\pm$ 0.222 χ^2 /NDF: 5388.3/27

Out: 77.728 $\pm$ 0.217 χ^2 /NDF: 6533.3/30

All: 77.095 $\pm$ 0.155 χ^2 /NDF: 11938.9/58

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: -0.413 ± 0.012 χ^2/NDF : 443.1/12

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.441 ± 0.012 χ^2/NDF : 495.9/10

Left: -0.427 ± 0.008 χ^2/NDF : 941.6/23

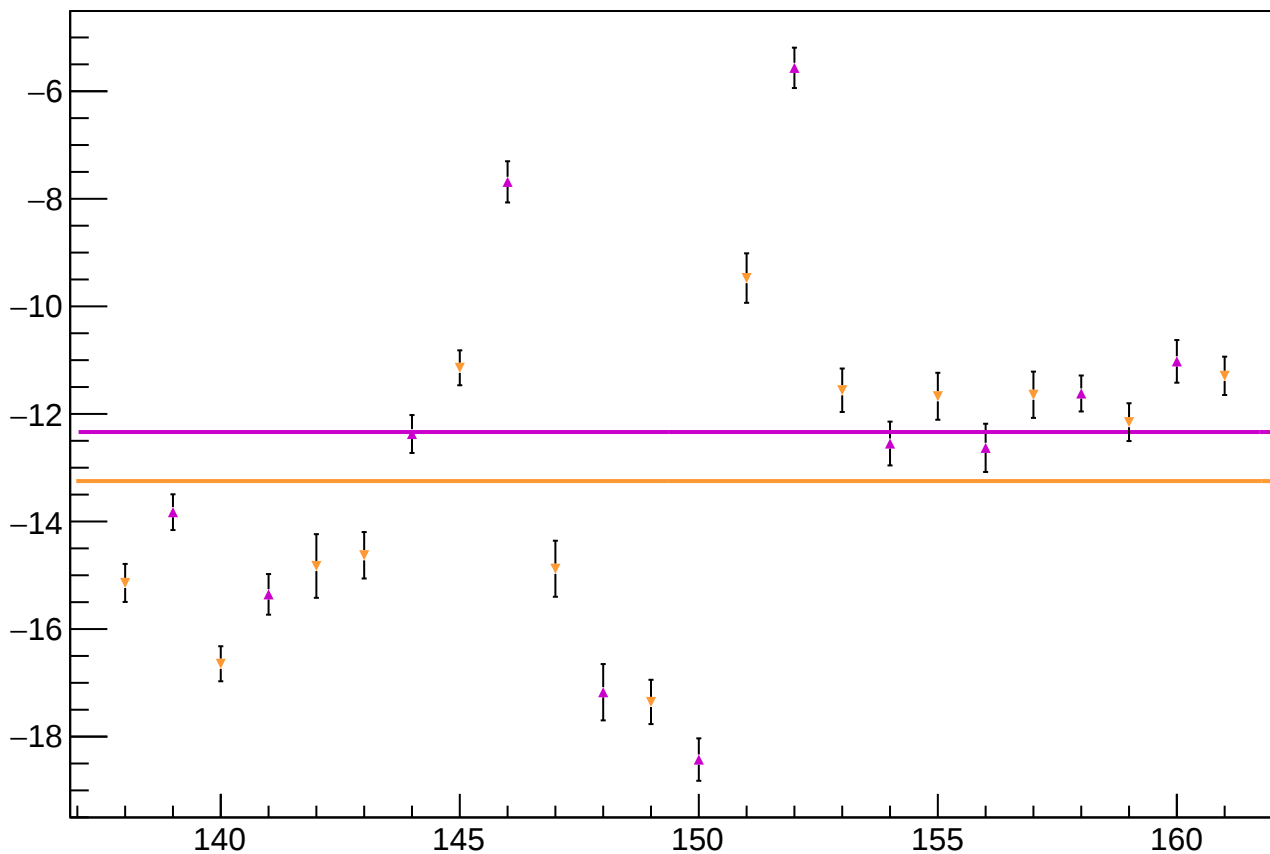
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.454 ± 0.011 χ^2/NDF : 803.9/27

Out: -0.448 ± 0.010 χ^2/NDF : 1040.3/30

All: -0.451 ± 0.007 χ^2/NDF : 1844.4/58

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



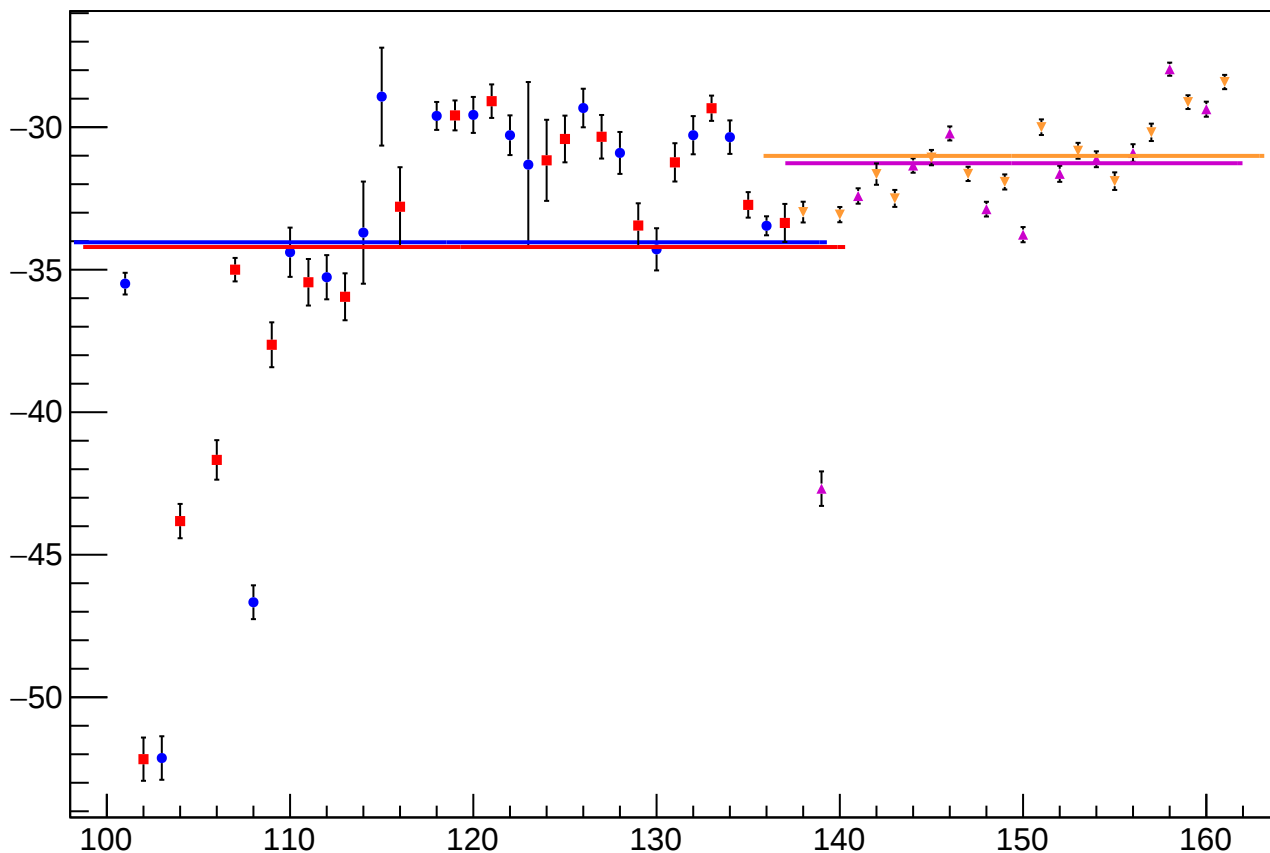
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.248+/-0.110 χ^2/NDF :457.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.336+/-0.116 χ^2/NDF :896.3/10

Left: -12.815+/-0.080 χ^2/NDF : 1386.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.336+/-0.116 χ^2/NDF :896.3/10
 Out: -13.248+/-0.110 χ^2/NDF :457.9/12

All: -12.815+/-0.080 χ^2/NDF : 1386.6/23

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.007 ± 0.078 χ^2/NDF : 332.7/12

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -31.265 ± 0.083 χ^2/NDF : 778.8/10

Left: -31.129 ± 0.057 χ^2/NDF : 1116.6/23

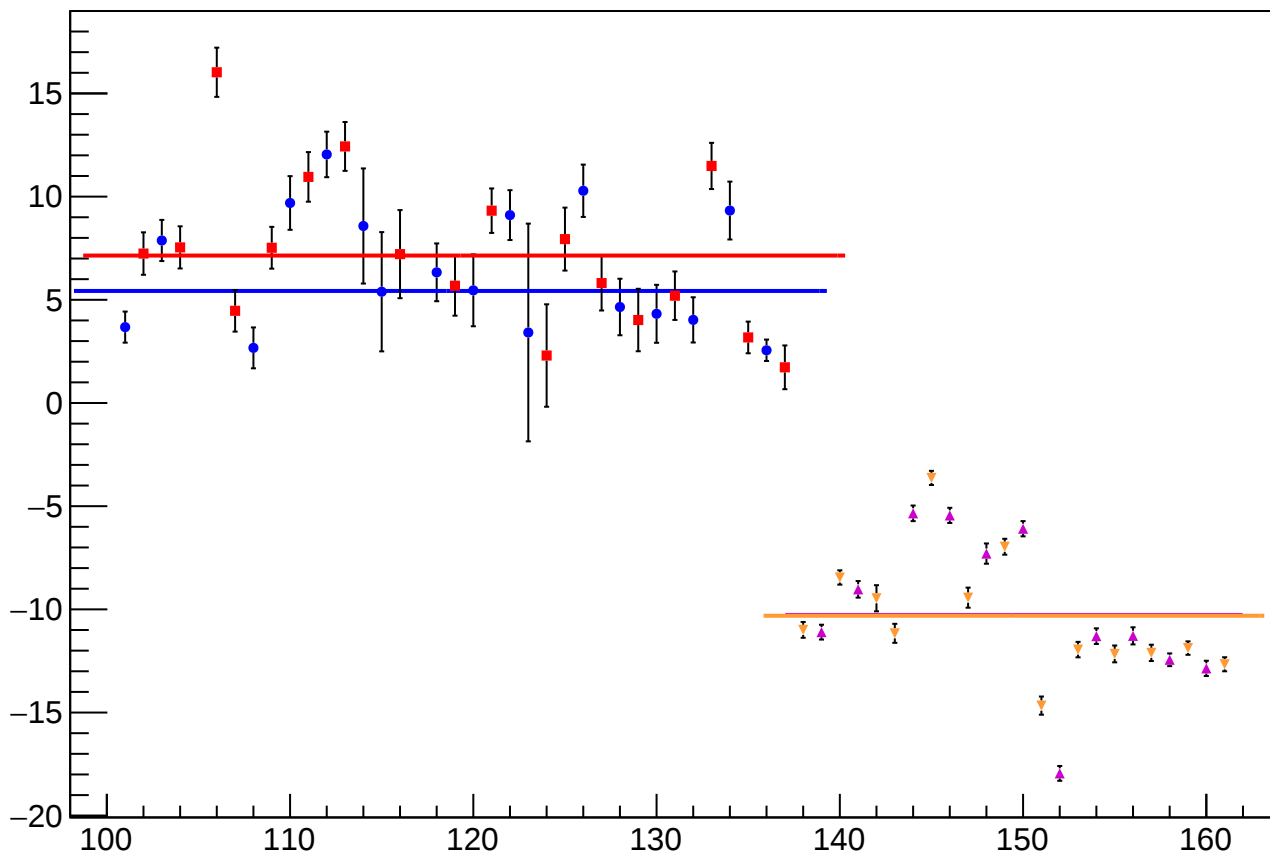
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.904 ± 0.072 χ^2/NDF : 2381.7/27

Out: -31.682 ± 0.069 χ^2/NDF : 2008.1/30

All: -31.788 ± 0.050 χ^2/NDF : 4394.8/58

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.309 ± 0.109 $\chi^2/\text{NDF}: 723.7/12$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -10.271 ± 0.113 $\chi^2/\text{NDF}: 1090.8/10$

Left: -10.290 ± 0.078 $\chi^2/\text{NDF}: 1814.6/23$

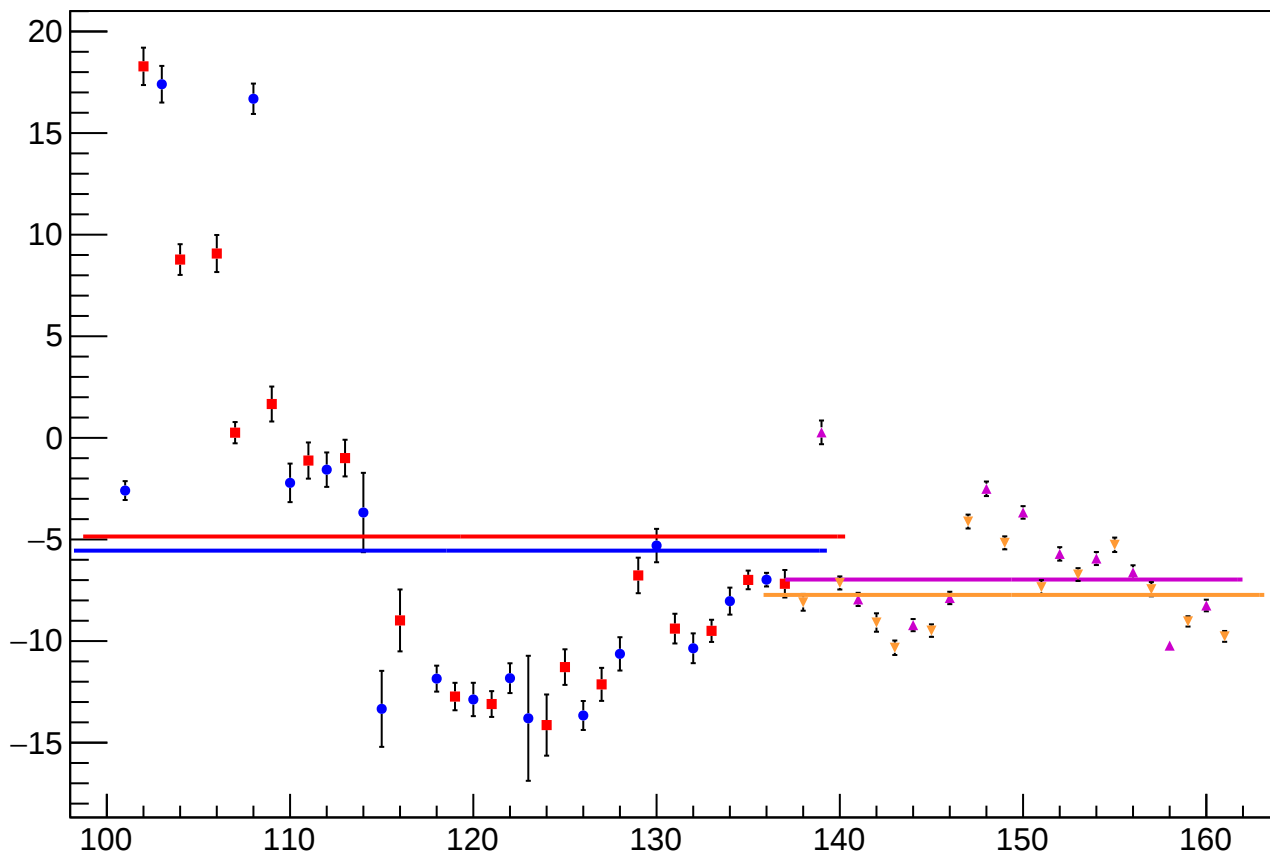
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -7.926 ± 0.104 $\chi^2/\text{NDF}: 4101.9/27$

Out: -7.947 ± 0.101 $\chi^2/\text{NDF}: 4386.0/30$

All: -7.937 ± 0.073 $\chi^2/\text{NDF}: 8487.9/58$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.729 ± 0.091 χ^2/NDF : 419.1/12

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.972 ± 0.096 χ^2/NDF : 723.2/10

Left: -7.370 ± 0.066 χ^2/NDF : 1175.1/23

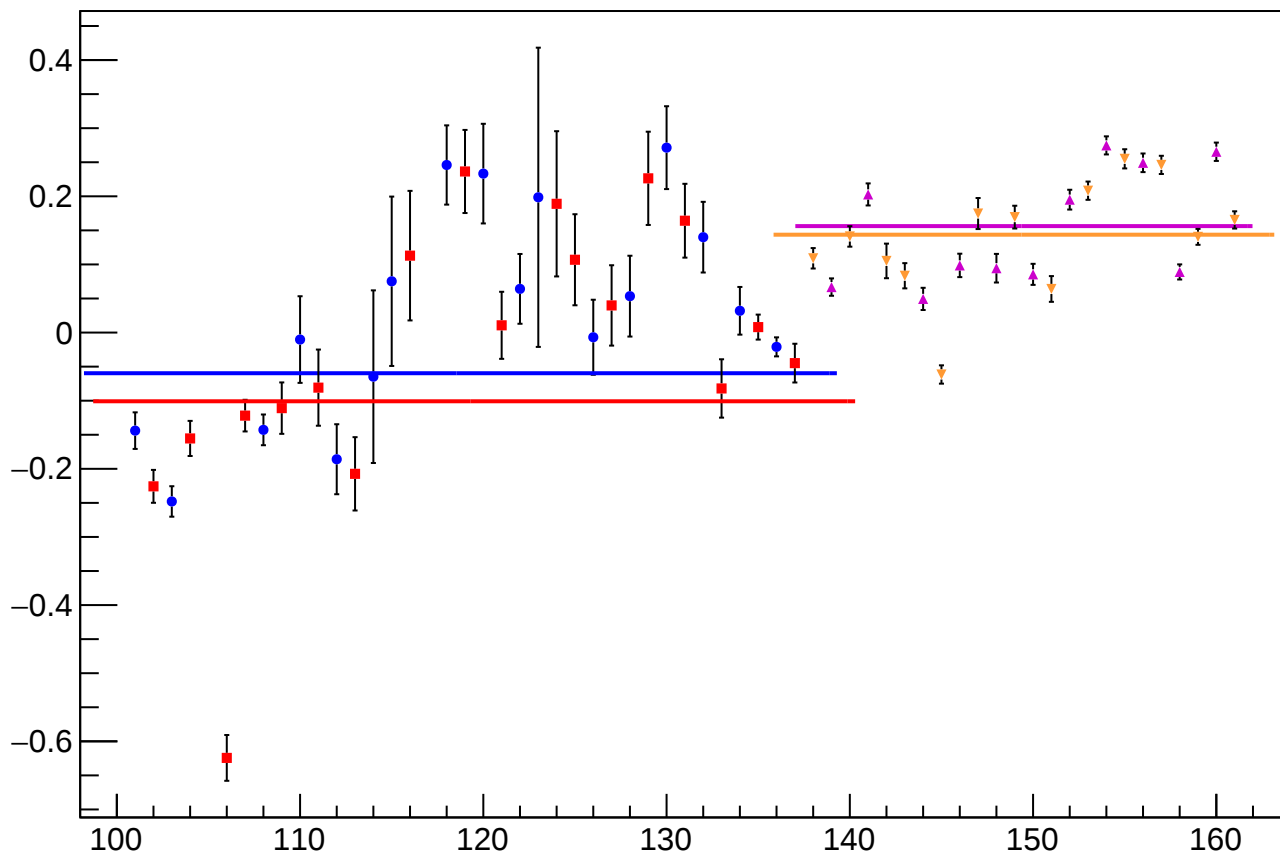
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -6.629 ± 0.084 χ^2/NDF : 2902.8/27

Out: -7.105 ± 0.081 χ^2/NDF : 2648.8/30

All: -6.876 ± 0.058 χ^2/NDF : 5568.4/58

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: 0.144 ± 0.004 χ^2/NDF : 420.7/12

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/10

Left: 0.150 ± 0.003 χ^2/NDF : 802.0/23

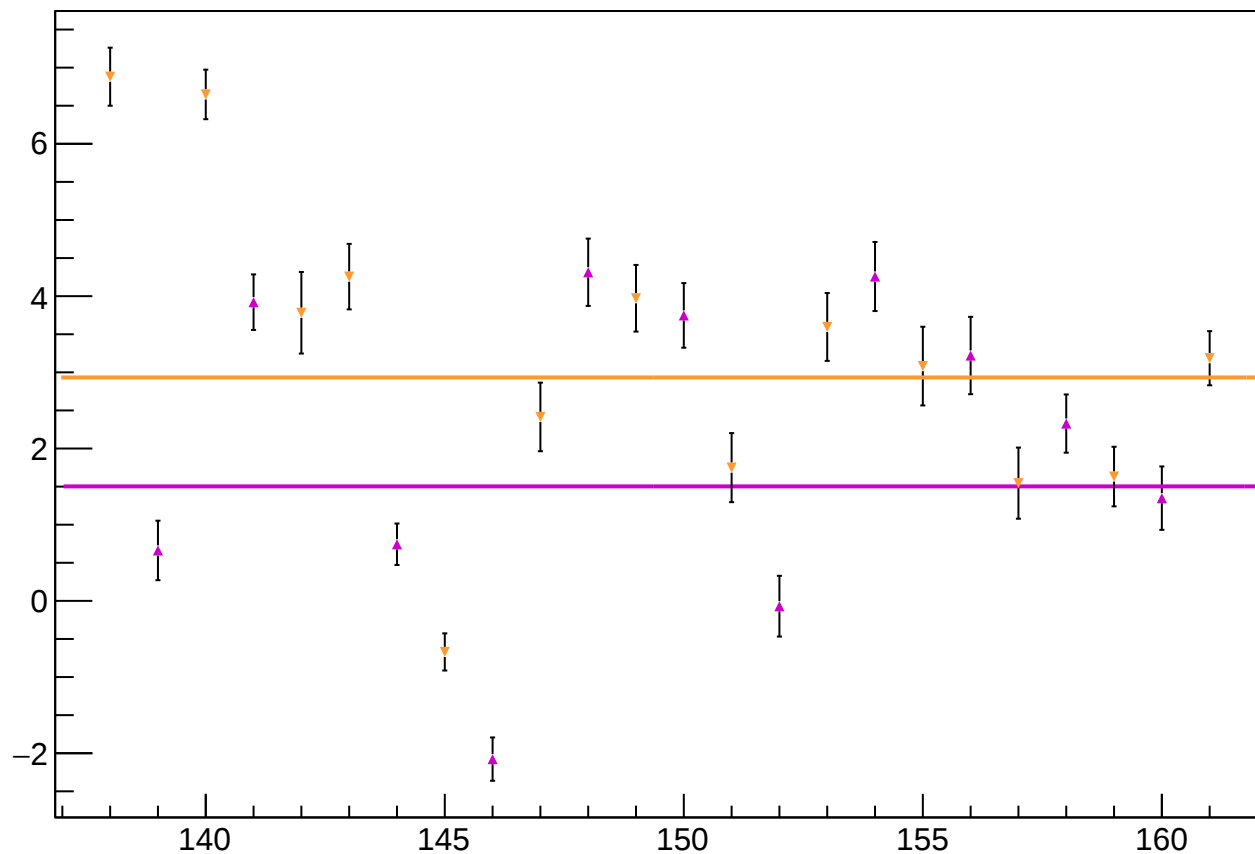
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.111 ± 0.004 χ^2/NDF : 1115.5/27

Out: 0.095 ± 0.004 χ^2/NDF : 1522.1/30

All: 0.103 ± 0.003 χ^2/NDF : 2645.7/58

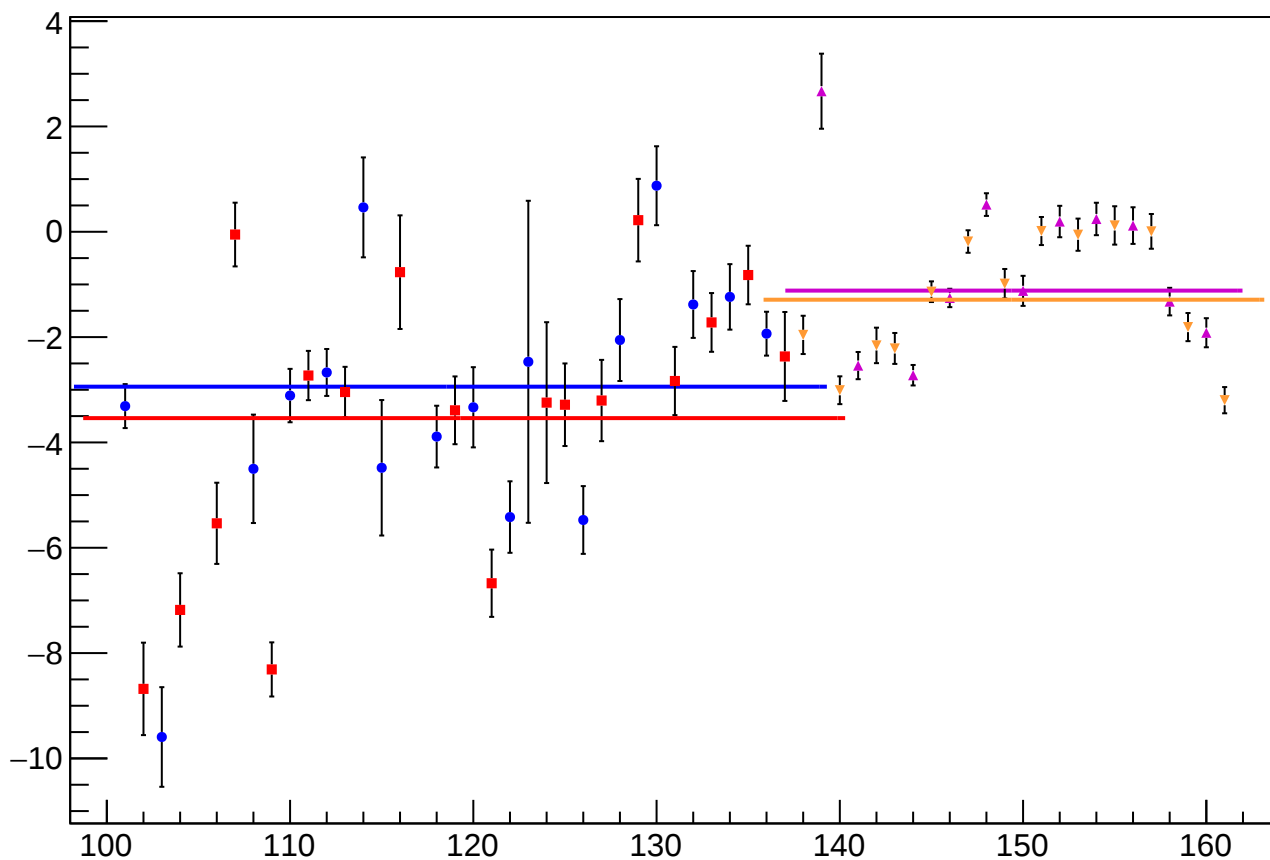
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.503 $\pm$ 0.113 χ^2 /NDF:352.0/10

Left: 2.247 $\pm$ 0.078 χ^2 /NDF: 939.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.503 $\pm$ 0.113 χ^2 /NDF:352.0/10
 Out: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 All: 2.247 $\pm$ 0.078 χ^2 /NDF: 939.9/23

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.290 ± 0.076 $\chi^2/\text{NDF}: 224.0/12$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -1.117 ± 0.077 $\chi^2/\text{NDF}: 245.4/10$

Left: -1.205 ± 0.054 $\chi^2/\text{NDF}: 472.0/23$

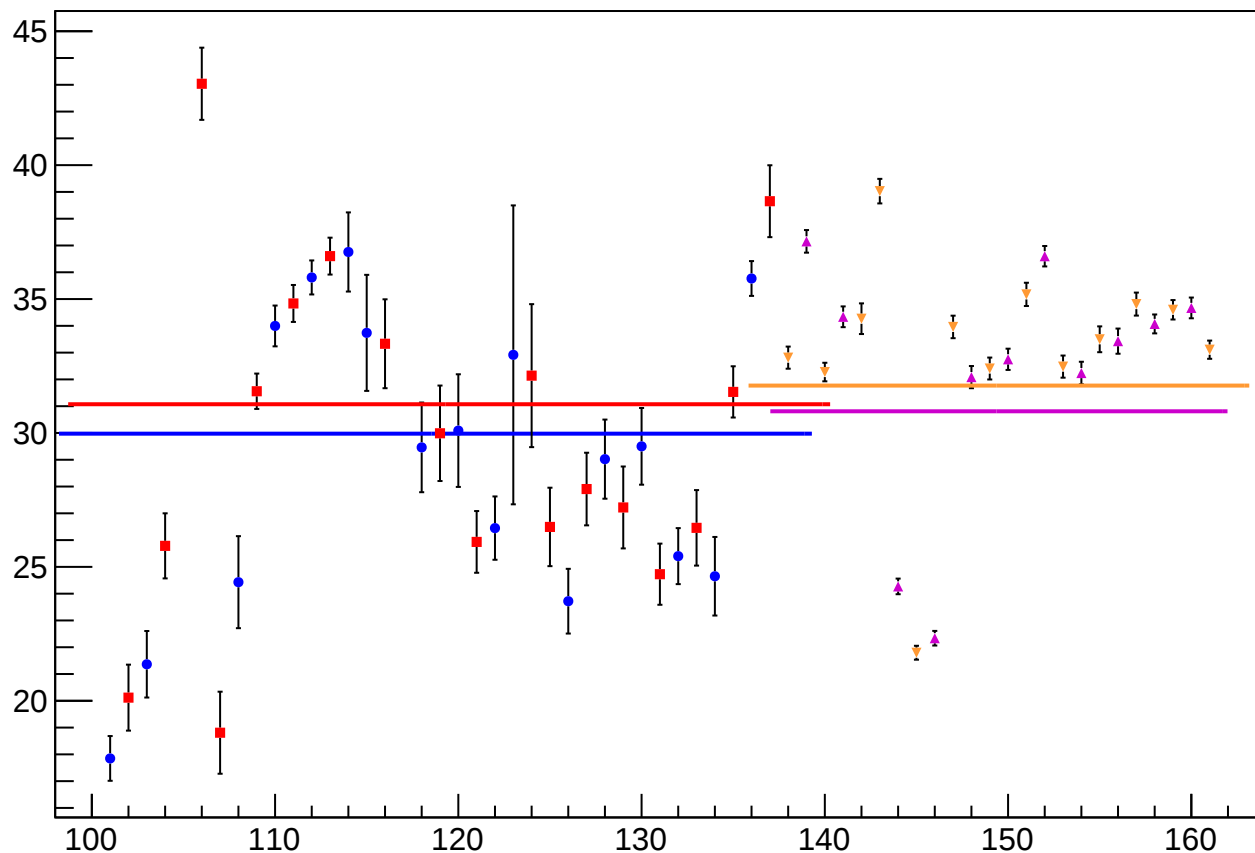
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -1.482 ± 0.069 $\chi^2/\text{NDF}: 502.9/27$

Out: -1.724 ± 0.068 $\chi^2/\text{NDF}: 678.2/30$

All: -1.605 ± 0.048 $\chi^2/\text{NDF}: 1187.3/58$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 31.769 ± 0.108 $\chi^2/\text{NDF}: 1987.2/12$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 30.810 ± 0.111 $\chi^2/\text{NDF}: 2265.3/10$

Left: 31.302 ± 0.077 $\chi^2/\text{NDF}: 4290.9/23$

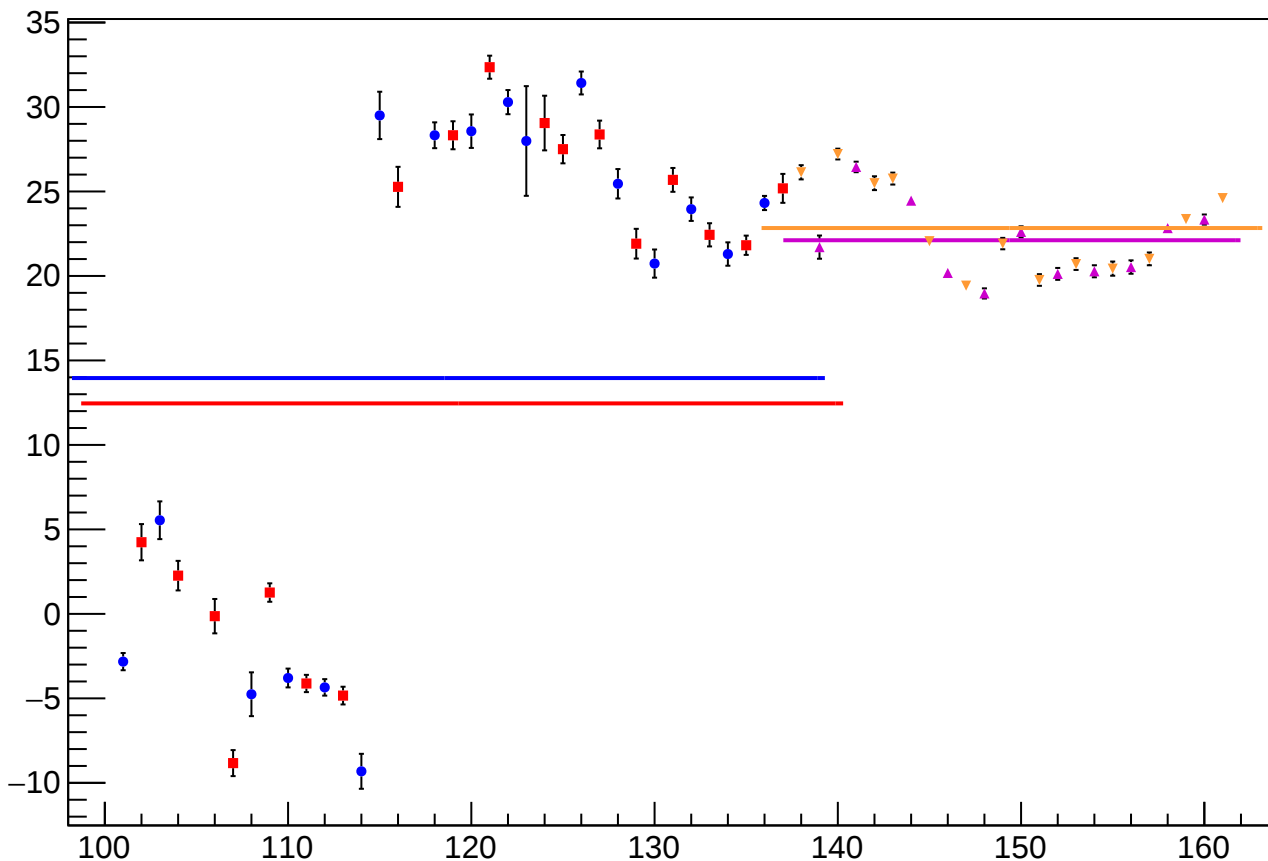
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 30.687 ± 0.102 $\chi^2/\text{NDF}: 2827.6/27$

Out: 31.667 ± 0.100 $\chi^2/\text{NDF}: 2446.6/30$

All: 31.189 ± 0.071 $\chi^2/\text{NDF}: 5321.2/58$

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: 22.836 $\pm$ 0.089 χ^2 /NDF: 734.0/12

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.114 $\pm$ 0.092 χ^2 /NDF: 584.2/10

Left: 22.485 $\pm$ 0.064 χ^2 /NDF: 1349.9/23

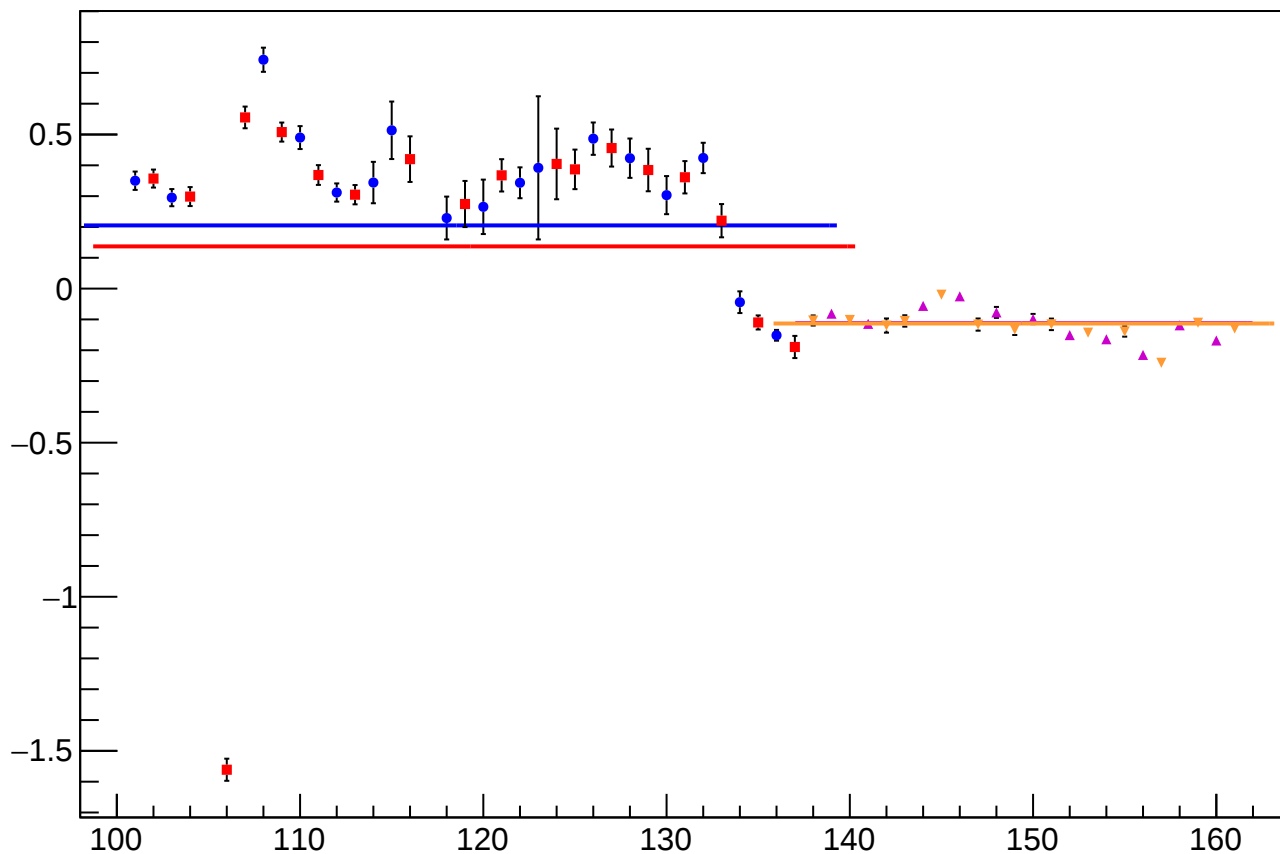
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 20.309 $\pm$ 0.081 χ^2 /NDF: 9677.8/27

Out: 20.664 $\pm$ 0.079 χ^2 /NDF: 10535.9/30

All: 20.490 $\pm$ 0.057 χ^2 /NDF: 20223.6/58

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: -0.113 ± 0.004 $\chi^2/\text{NDF}: 172.3/12$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.112 ± 0.004 $\chi^2/\text{NDF}: 155.0/10$

Left: -0.112 ± 0.003 $\chi^2/\text{NDF}: 327.3/23$

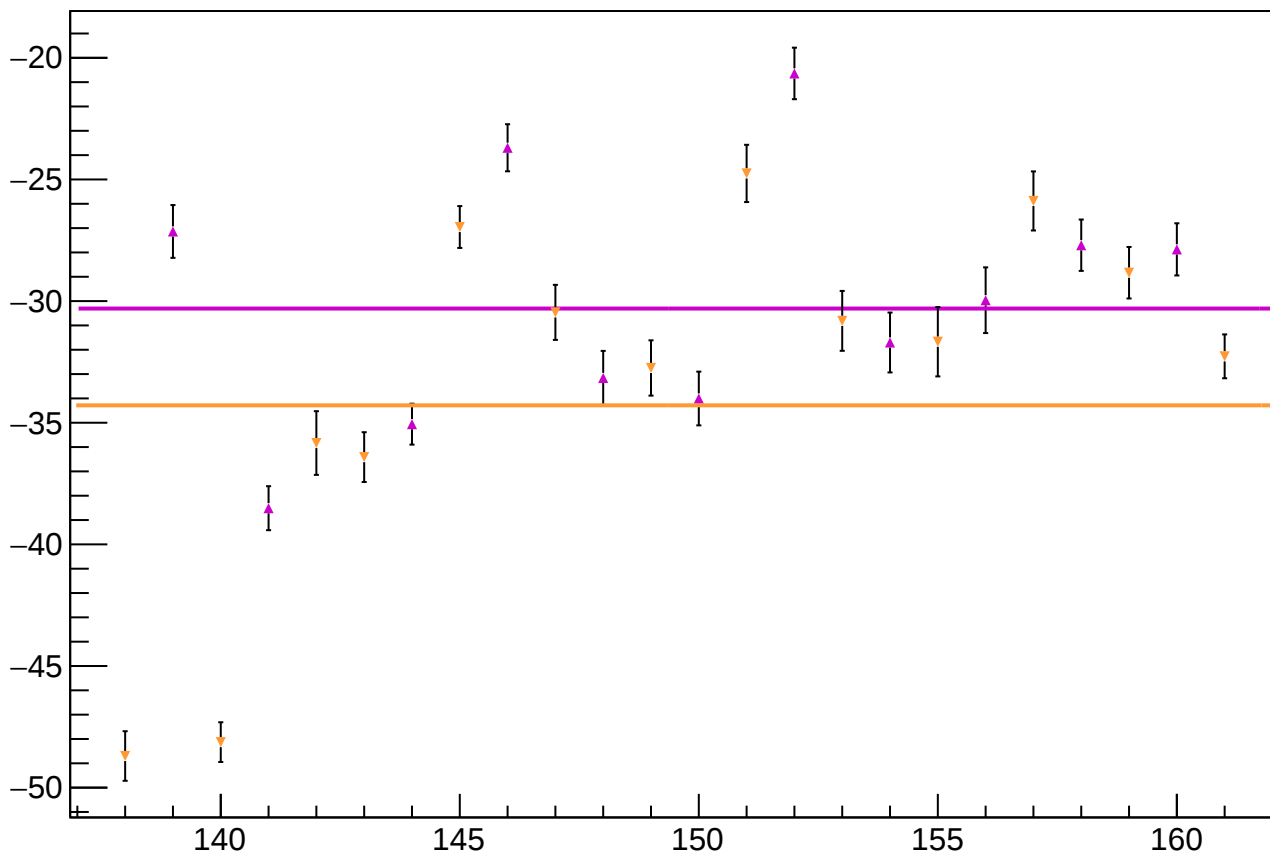
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.055 ± 0.004 $\chi^2/\text{NDF}: 1938.0/27$

Out: -0.070 ± 0.004 $\chi^2/\text{NDF}: 3789.7/30$

All: -0.063 ± 0.003 $\chi^2/\text{NDF}: 5735.3/58$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



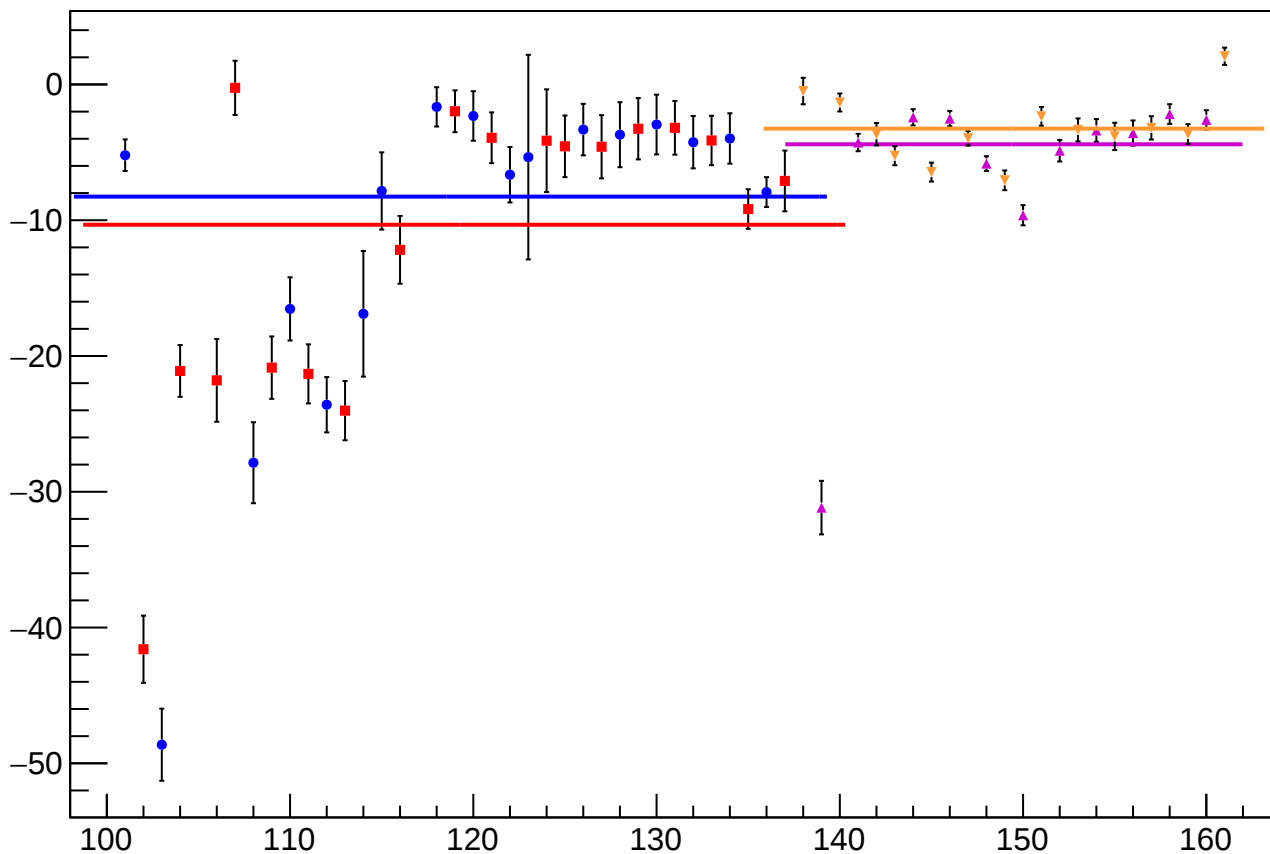
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.284+/-0.294 χ^2/NDF : 735.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.306+/-0.315 χ^2/NDF : 283.2/10

Left: -32.436+/-0.215 χ^2/NDF : 1103.7/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.306+/-0.315 χ^2/NDF : 283.2/10
 Out: -34.284+/-0.294 χ^2/NDF : 735.4/12

All: -32.436+/-0.215 χ^2/NDF : 1103.7/23

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.251 ± 0.202 $\chi^2/\text{NDF}: 148.2/12$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -4.407 ± 0.214 $\chi^2/\text{NDF}: 281.5/10$

Left: -3.797 ± 0.147 $\chi^2/\text{NDF}: 445.1/23$

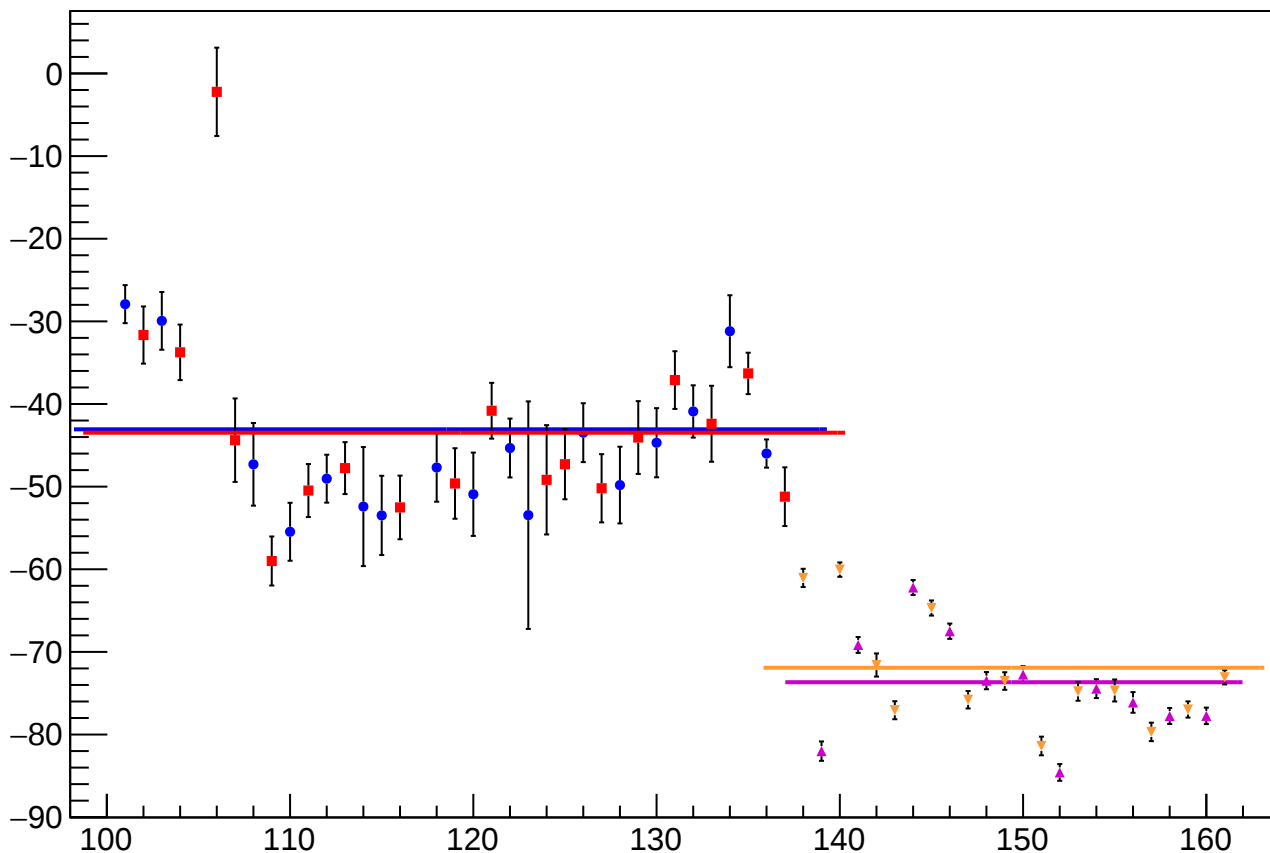
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -5.085 ± 0.194 $\chi^2/\text{NDF}: 750.6/27$

Out: -4.276 ± 0.187 $\chi^2/\text{NDF}: 737.0/30$

All: -4.665 ± 0.135 $\chi^2/\text{NDF}: 1496.6/58$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -71.914 ± 0.292 $\chi^2/\text{NDF}: 541.5/12$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -73.667 ± 0.309 $\chi^2/\text{NDF}: 434.4/10$

Left: -72.741 ± 0.212 $\chi^2/\text{NDF}: 993.0/23$

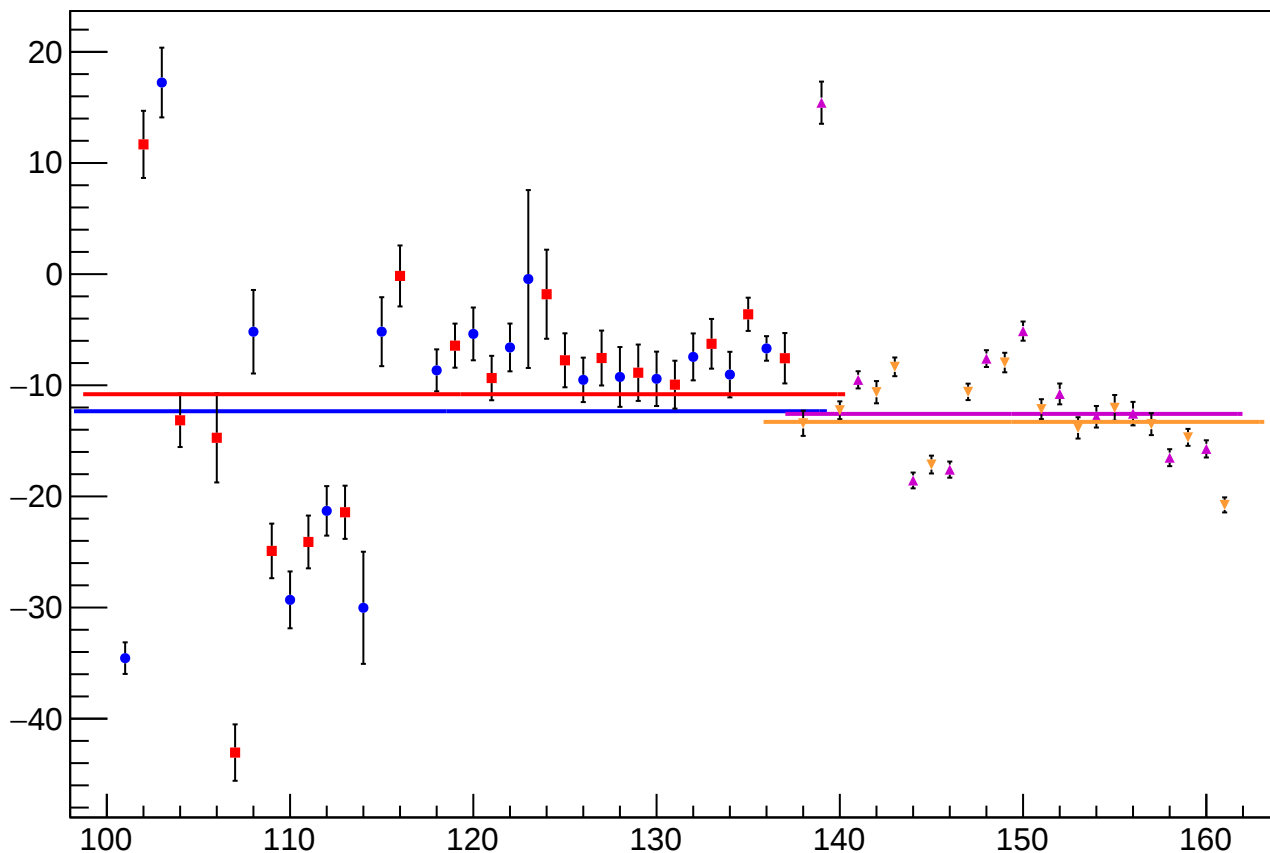
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -69.993 ± 0.289 $\chi^2/\text{NDF}: 1714.5/27$

Out: -69.036 ± 0.276 $\chi^2/\text{NDF}: 1647.2/30$

All: -69.492 ± 0.200 $\chi^2/\text{NDF}: 3367.4/58$

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: -13.294 ± 0.240 χ^2/NDF : 244.5/12

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -12.574 ± 0.255 χ^2/NDF : 516.8/10

Left: -12.956 ± 0.175 χ^2/NDF : 765.5/23

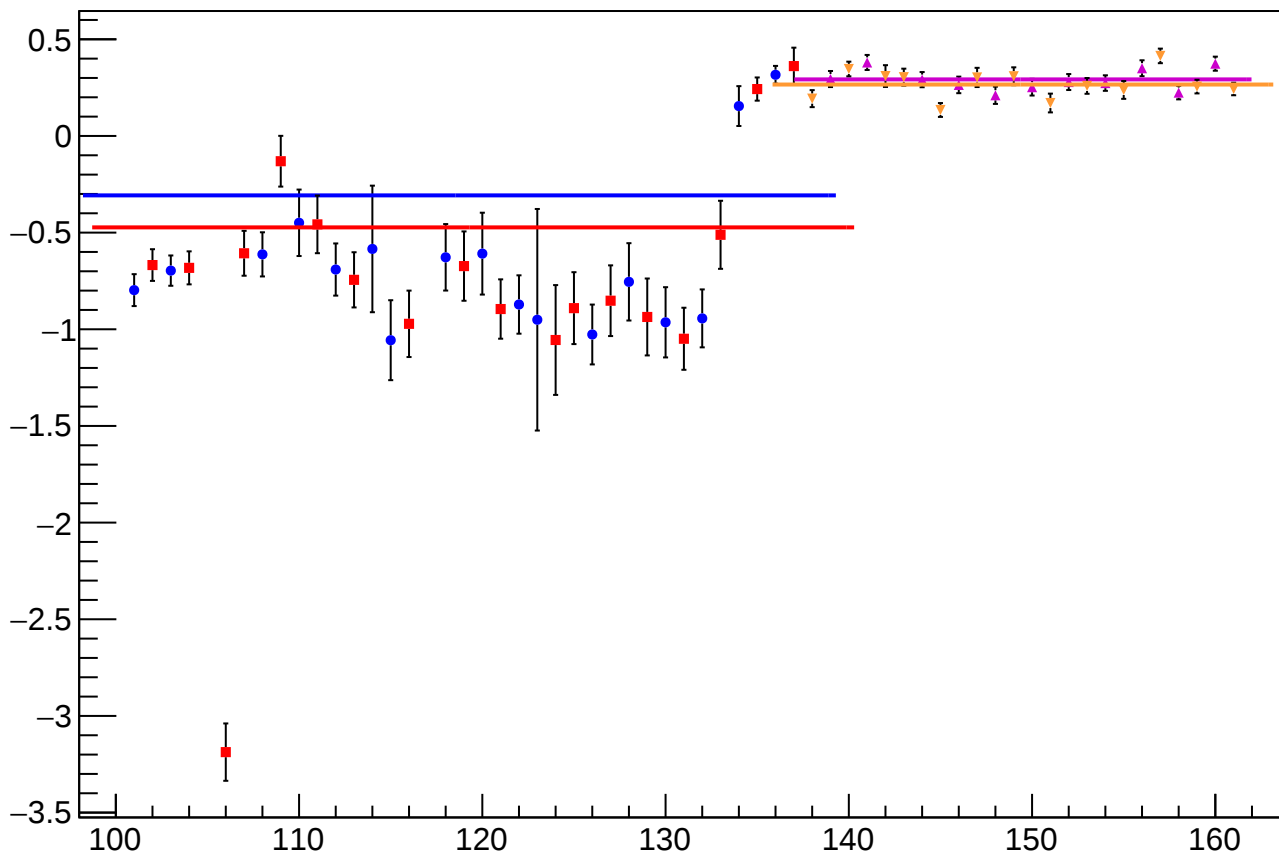
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -12.528 ± 0.229 χ^2/NDF : 992.1/27

Out: -12.901 ± 0.220 χ^2/NDF : 622.9/30

All: -12.722 ± 0.159 χ^2/NDF : 1616.4/58

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: 0.266 ± 0.011 χ^2/NDF : 43.8/12

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.293 ± 0.012 χ^2/NDF : 20.9/10

Left: 0.279 ± 0.008 χ^2/NDF : 67.2/23

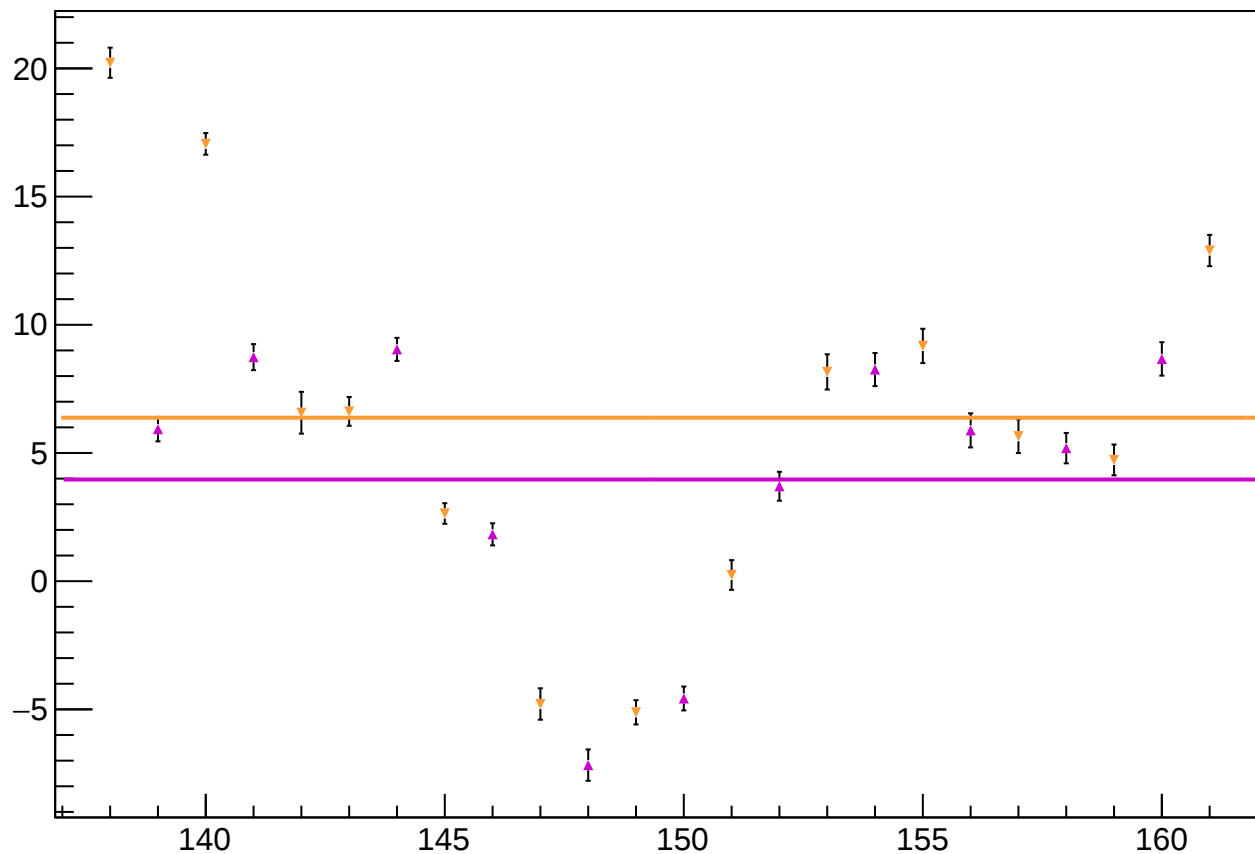
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.196 ± 0.011 χ^2/NDF : 791.2/27

Out: 0.164 ± 0.011 χ^2/NDF : 1245.3/30

All: 0.179 ± 0.008 χ^2/NDF : 2040.6/58

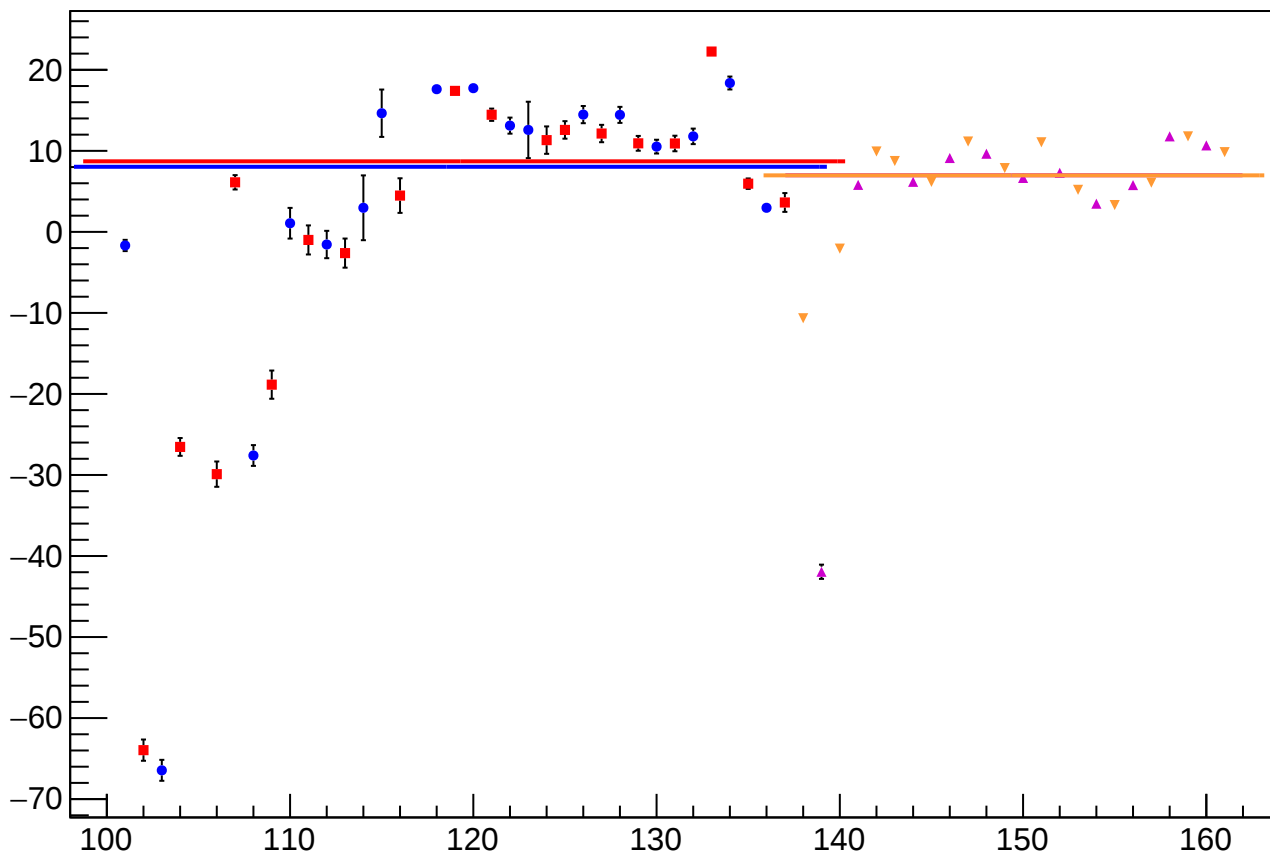
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.376 ± 0.155 χ^2/NDF : 2461.8/12
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 3.966 ± 0.160 χ^2/NDF : 1033.7/10

Left: 5.212 ± 0.111 χ^2/NDF : 3612.2/23
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 3.966 ± 0.160 χ^2/NDF : 1033.7/10
 Out: 6.376 ± 0.155 χ^2/NDF : 2461.8/12
 All: 5.212 ± 0.111 χ^2/NDF : 3612.2/23

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.976 $\pm$ 0.108 χ^2 /NDF: 2212.3/12

Right Out: 8.708 $\pm$ 0.213 χ^2 /NDF: 6290.2/17

Left In: 6.988 $\pm$ 0.112 χ^2 /NDF: 3531.2/10

Left: 6.982 $\pm$ 0.078 χ^2 /NDF: 5743.5/23

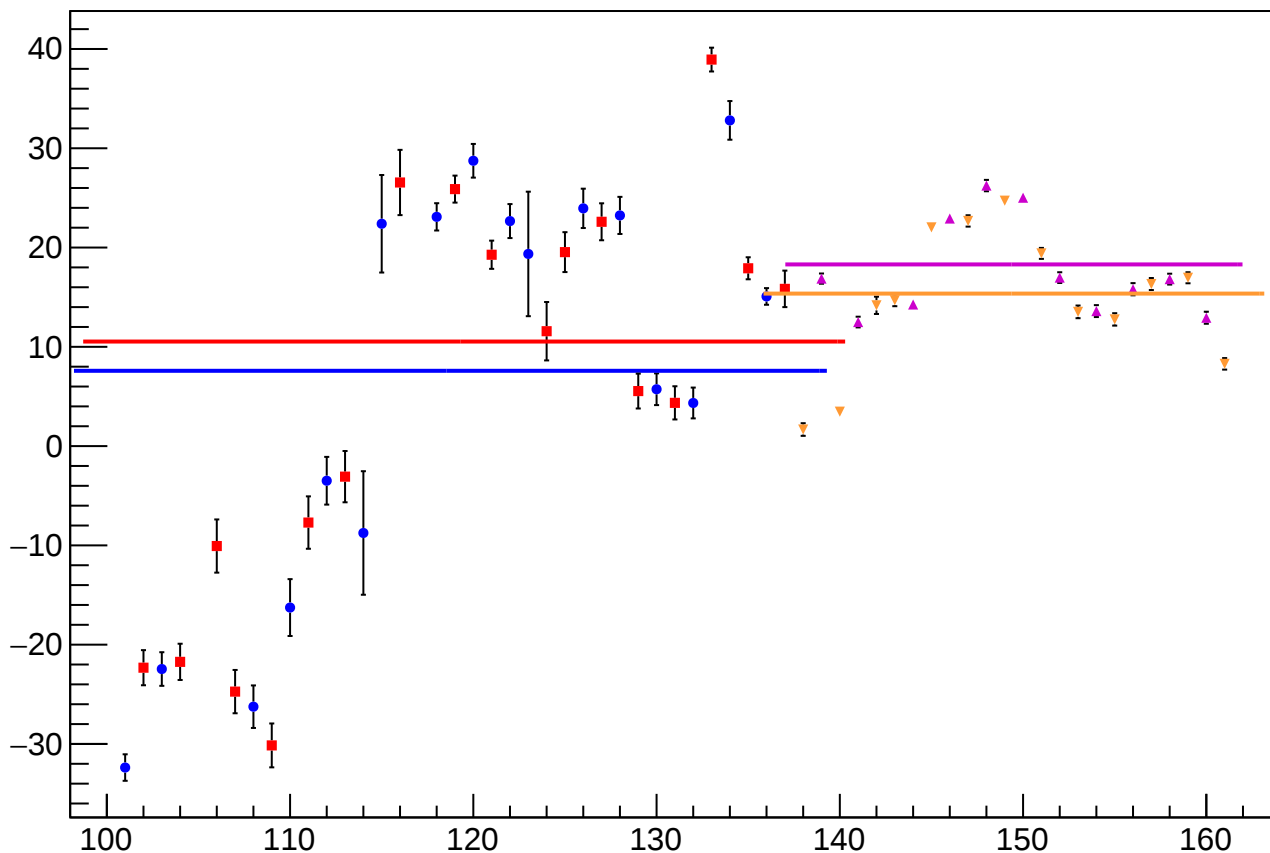
Right: 8.375 $\pm$ 0.151 χ^2 /NDF: 11665.4/34

In: 7.212 $\pm$ 0.100 χ^2 /NDF: 8920.0/27

Out: 7.328 $\pm$ 0.096 χ^2 /NDF: 8555.1/30

All: 7.272 $\pm$ 0.069 χ^2 /NDF: 17475.8/58

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 15.362 ± 0.154 χ^2/NDF : 2258.9/12

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 18.300 ± 0.157 χ^2/NDF : 916.7/10

Left: 16.798 ± 0.110 χ^2/NDF : 3354.5/23

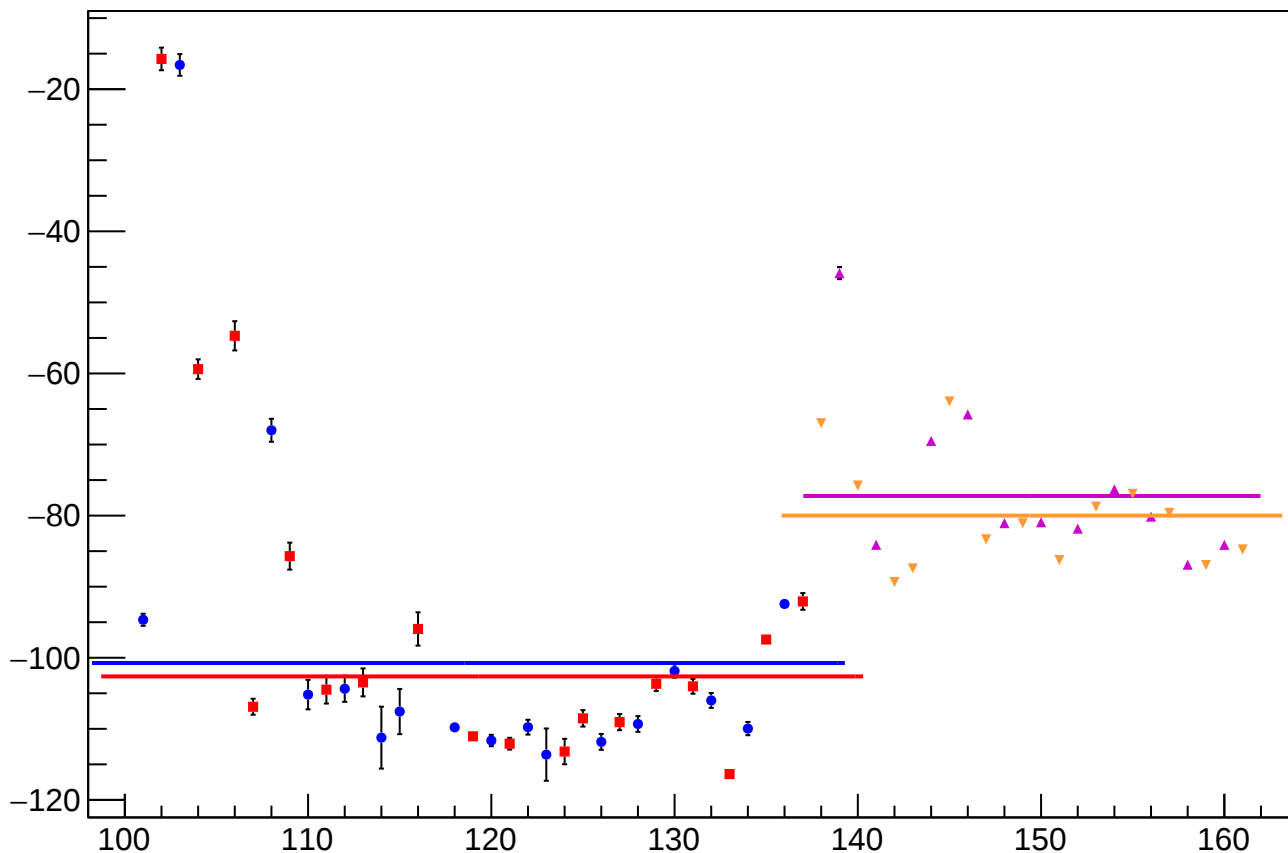
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 16.965 ± 0.147 χ^2/NDF : 3819.5/27

Out: 14.786 ± 0.144 χ^2/NDF : 4656.2/30

All: 15.855 ± 0.103 χ^2/NDF : 8587.7/58

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: -80.002+/-0.128 χ^2/NDF : 3425.8/12

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -77.238+/-0.133 χ^2/NDF : 4167.6/10

Left: -78.673+/-0.092 χ^2/NDF : 7818.0/23

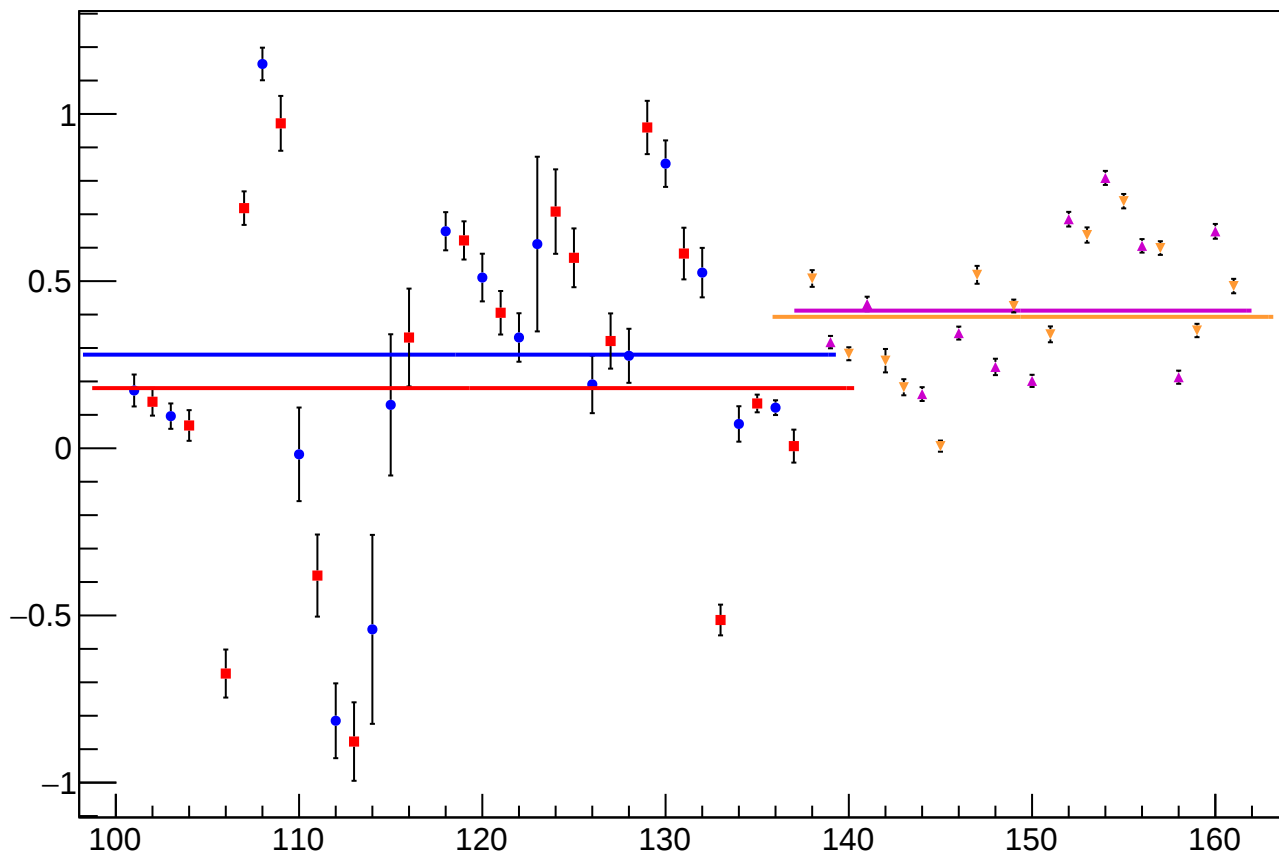
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -82.470+/-0.117 χ^2/NDF : 15649.6/27

Out: -84.810+/-0.113 χ^2/NDF : 15796.1/30

All: -83.678+/-0.082 χ^2/NDF : 31651.5/58

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.393 ± 0.006 χ^2/NDF : 1208.4/12

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.412 ± 0.006 χ^2/NDF : 1184.0/10

Left: 0.402 ± 0.004 χ^2/NDF : 2397.0/23

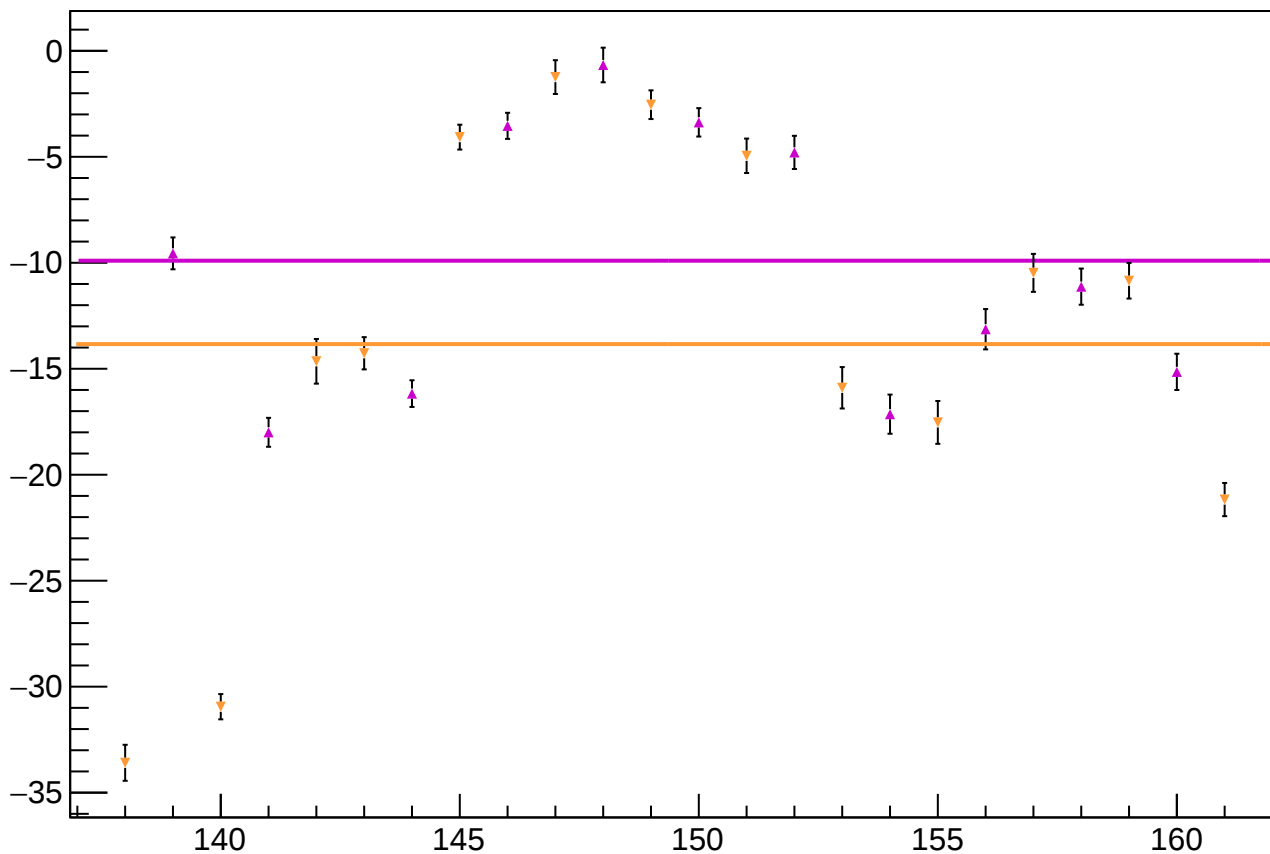
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.389 ± 0.006 χ^2/NDF : 1919.2/27

Out: 0.358 ± 0.006 χ^2/NDF : 2353.6/30

All: 0.373 ± 0.004 χ^2/NDF : 4288.7/58

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.837±/-0.217 χ^2/NDF :2422.7/12

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: -9.901±/-0.227 χ^2/NDF :725.1/10

Left: -11.959±/-0.157 χ^2/NDF : 3305.4/23

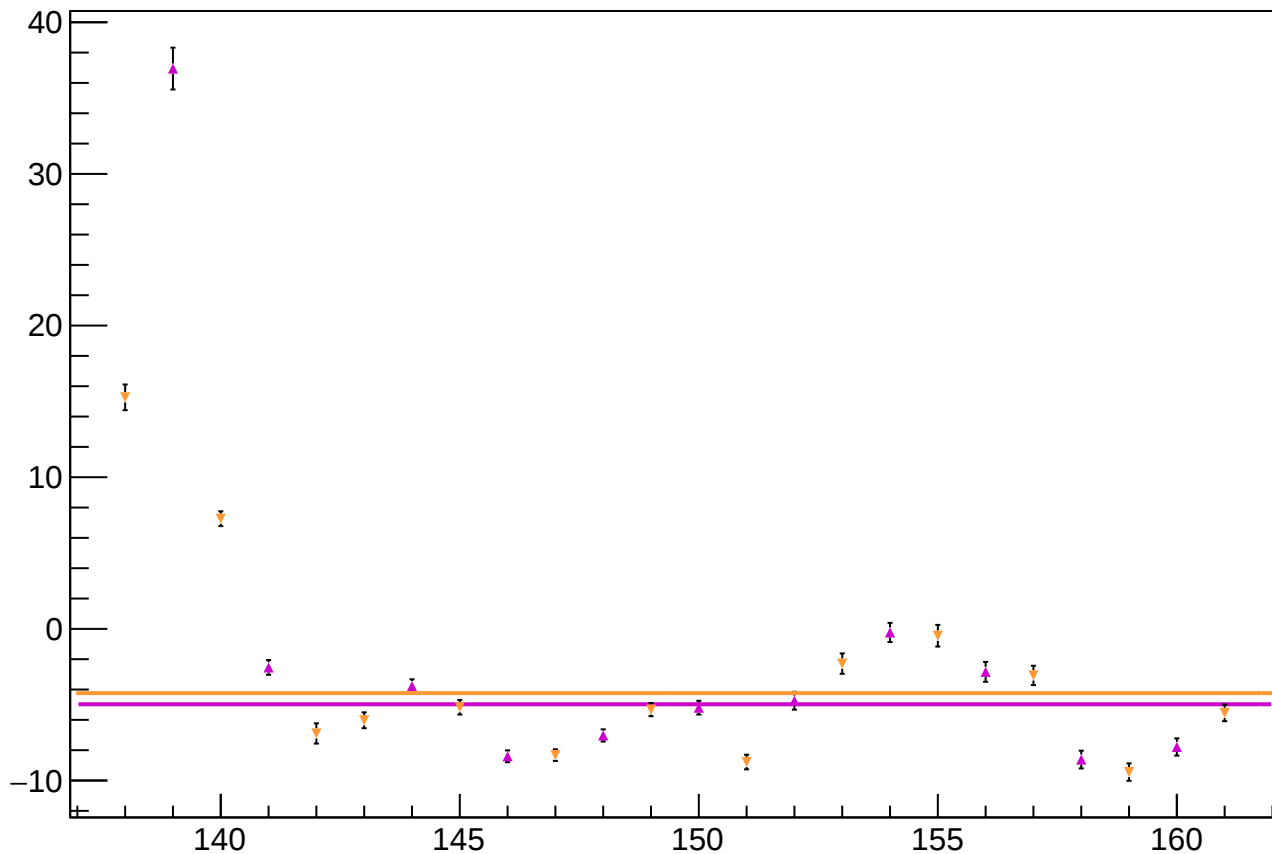
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: -9.901±/-0.227 χ^2/NDF :725.1/10

Out: -13.837±/-0.217 χ^2/NDF :2422.7/12

All: -11.959±/-0.157 χ^2/NDF : 3305.4/23

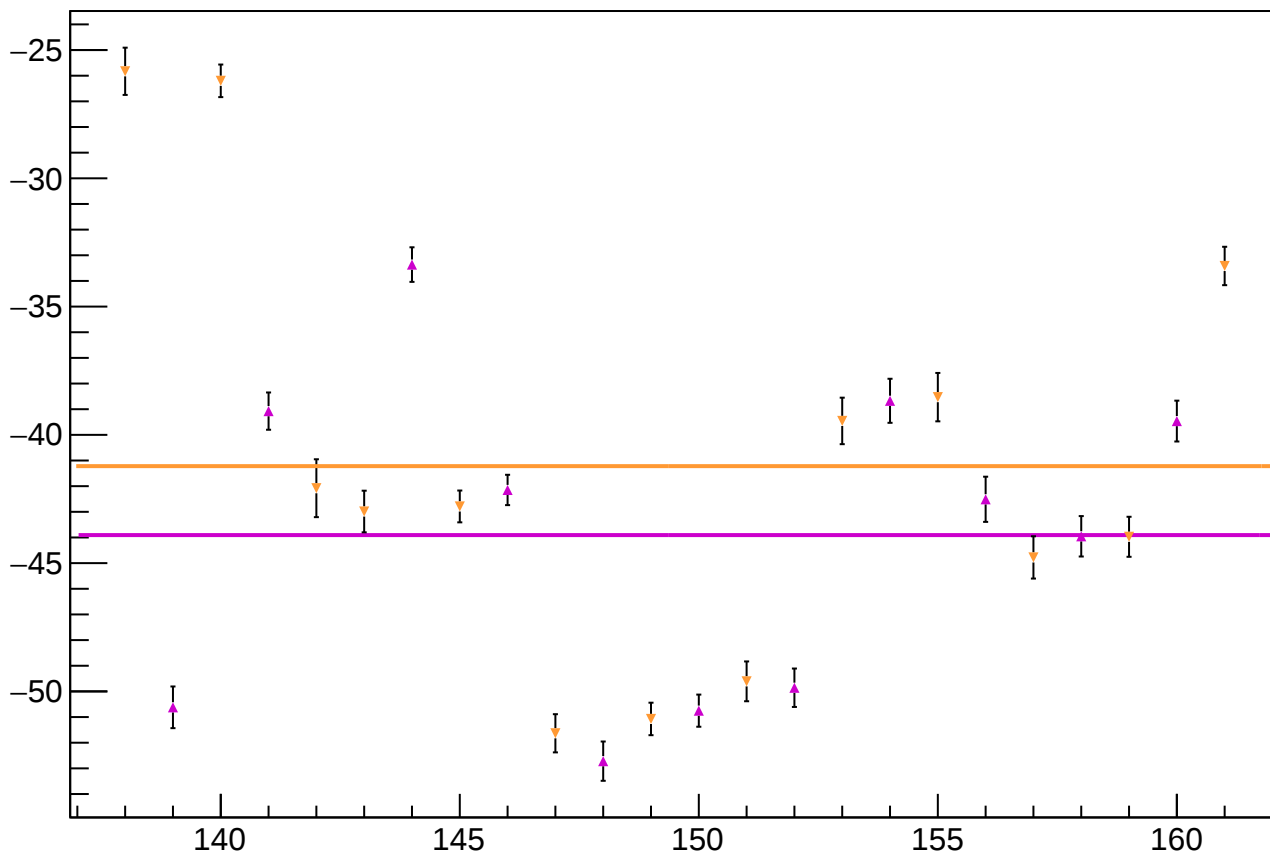
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.236+/-0.149 χ^2/NDF :1452.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.973+/-0.156 χ^2/NDF :1190.4/10

Left: -4.587+/-0.108 χ^2/NDF : 2654.3/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.973+/-0.156 χ^2/NDF :1190.4/10
 Out: -4.236+/-0.149 χ^2/NDF :1452.2/12
 All: -4.587+/-0.108 χ^2/NDF : 2654.3/23

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.219+/-0.214 χ^2/NDF :1557.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.907+/-0.222 χ^2/NDF :752.0/10

Left: -42.518+/-0.154 χ^2/NDF : 2385.3/23

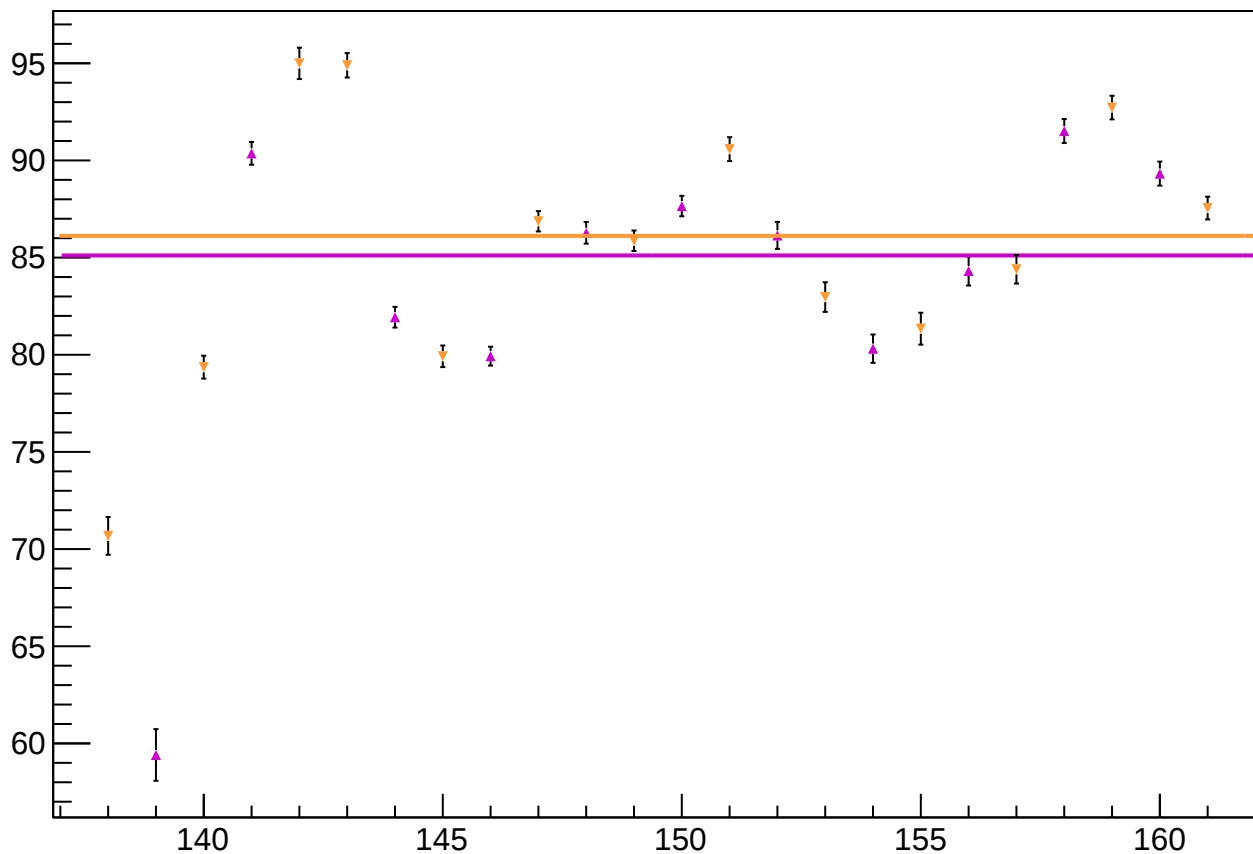
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.907+/-0.222 χ^2/NDF :752.0/10

Out: -41.219+/-0.214 χ^2/NDF :1557.4/12

All: -42.518+/-0.154 χ^2/NDF : 2385.3/23

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: 86.118 +/- 0.177 χ^2/NDF : 1060.7/12

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: 85.112 +/- 0.185 χ^2/NDF : 832.4/10

Left: 85.638 +/- 0.128 χ^2/NDF : 1908.5/23

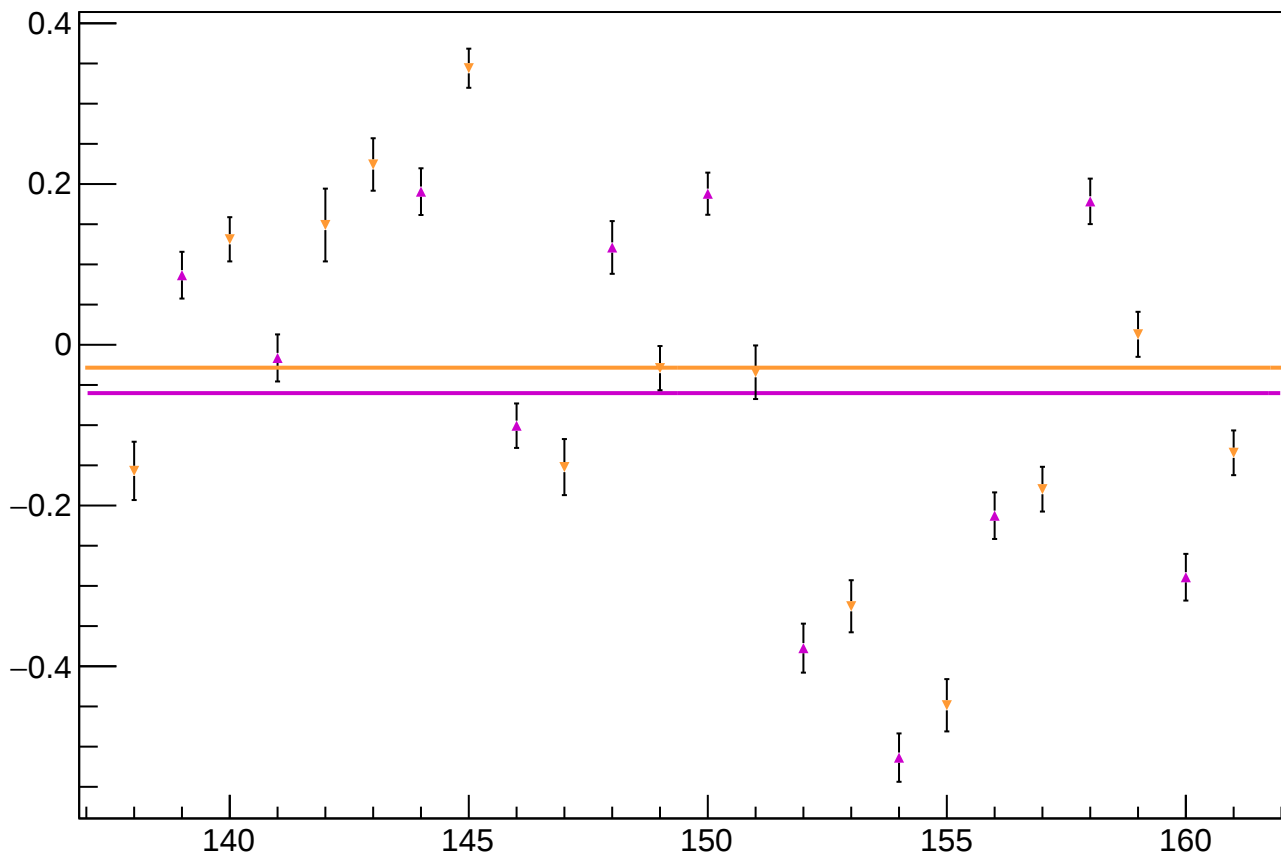
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 85.112 +/- 0.185 χ^2/NDF : 832.4/10

Out: 86.118 +/- 0.177 χ^2/NDF : 1060.7/12

All: 85.638 +/- 0.128 χ^2/NDF : 1908.5/23

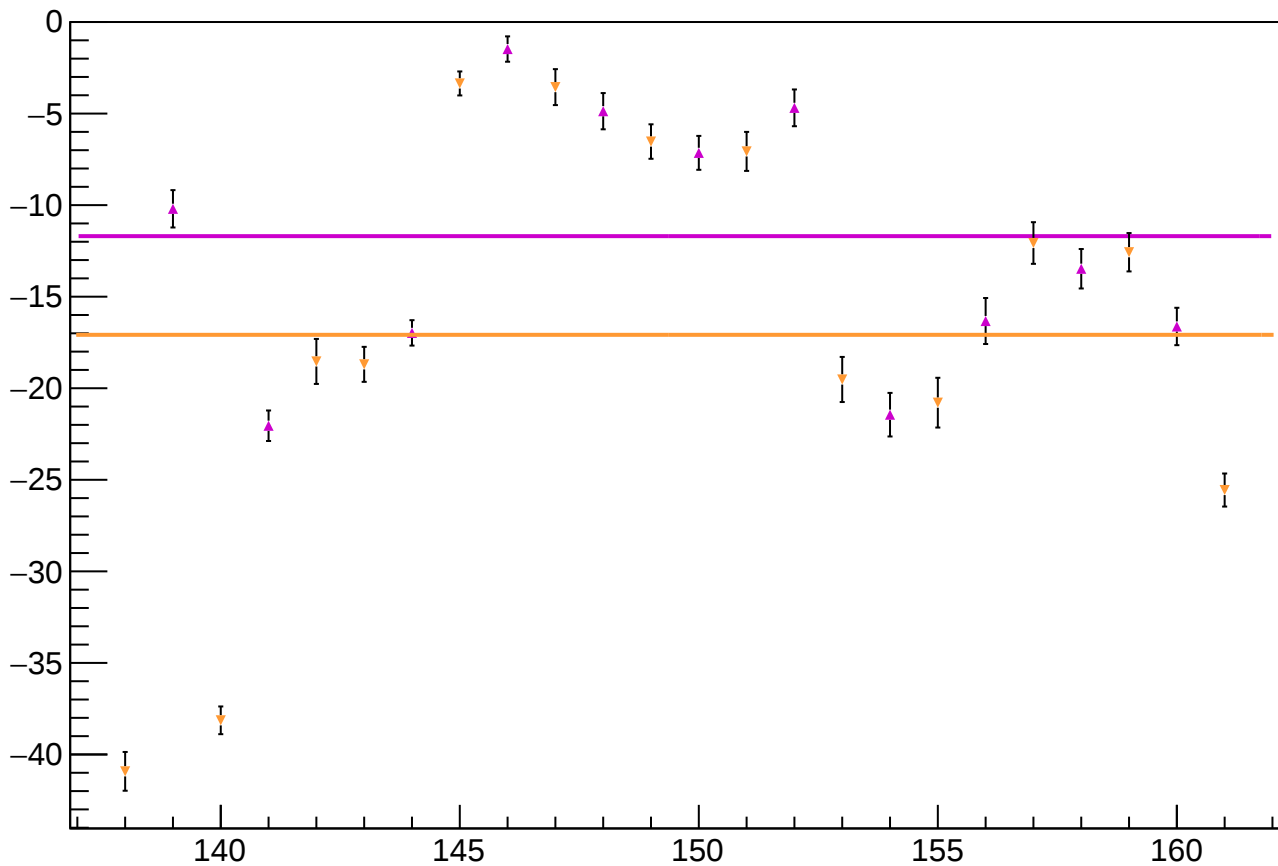
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.028+/-0.008 χ^2/NDF : 665.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.060+/-0.009 χ^2/NDF : 720.8/10

Left: -0.044+/-0.006 χ^2/NDF : 1392.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.060+/-0.009 χ^2/NDF : 720.8/10
 Out: -0.028+/-0.008 χ^2/NDF : 665.2/12
 All: -0.044+/-0.006 χ^2/NDF : 1392.8/23

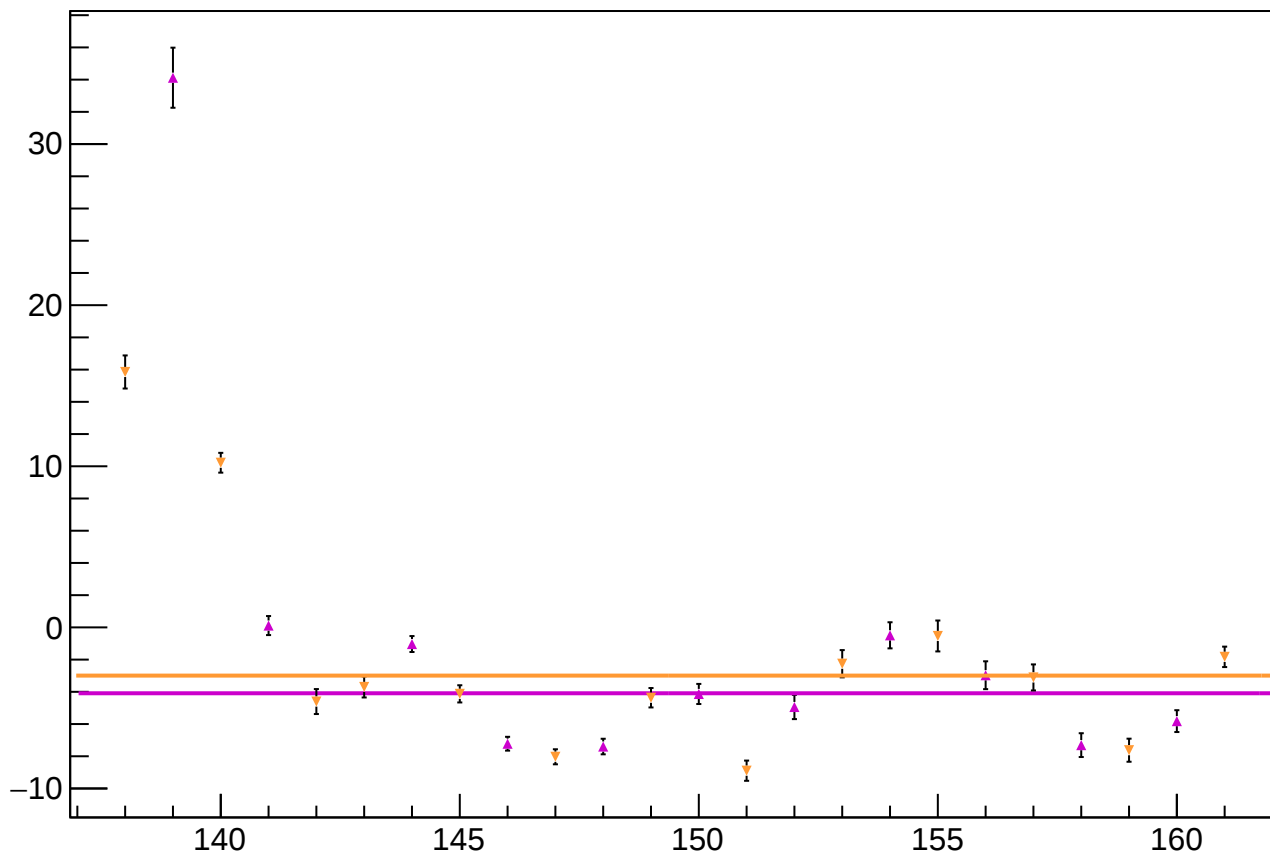
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.083+/-0.268 χ^2/NDF :2266.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.694+/-0.278 χ^2/NDF :659.7/10

Left: -14.487+/-0.193 χ^2/NDF : 3120.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.694+/-0.278 χ^2/NDF :659.7/10
 Out: -17.083+/-0.268 χ^2/NDF :2266.0/12
 All: -14.487+/-0.193 χ^2/NDF : 3120.0/23

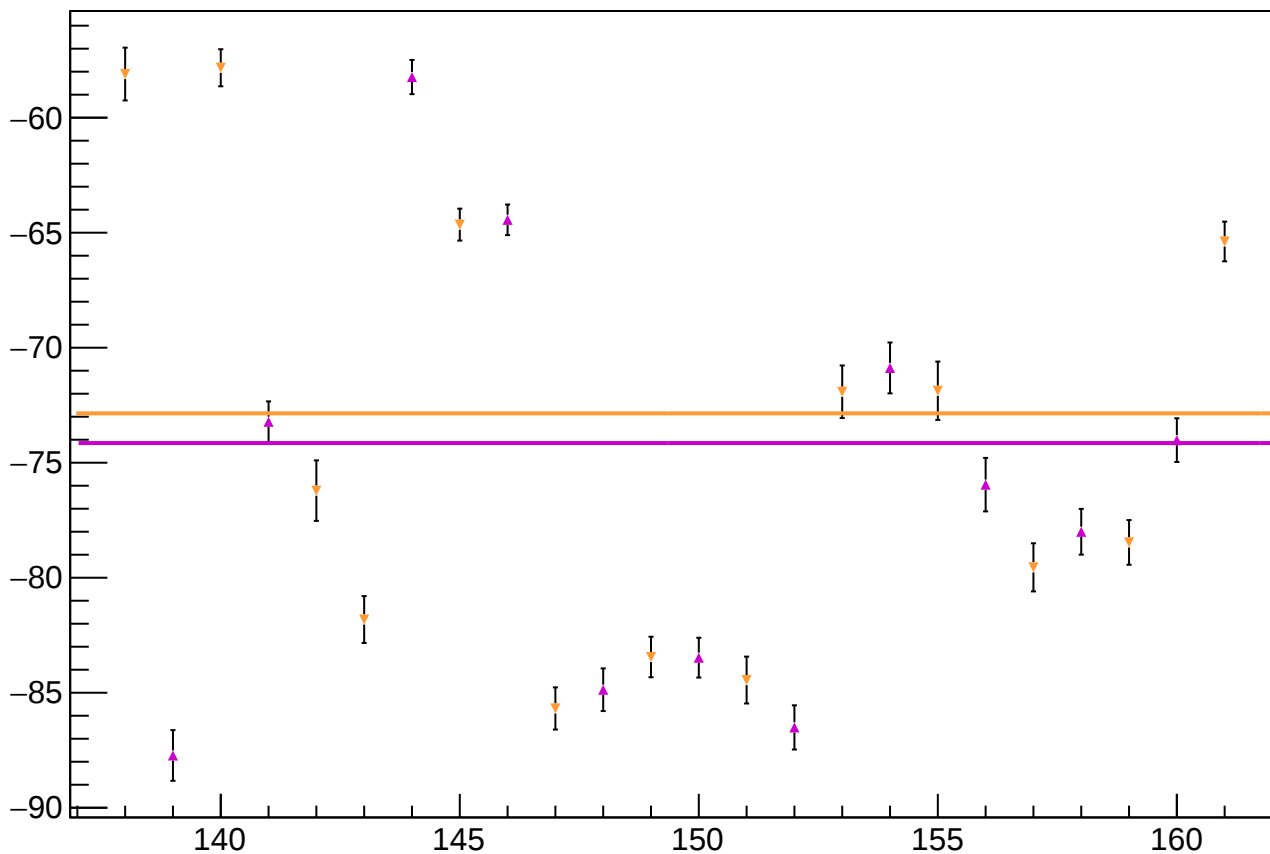
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.993+/-0.184 χ^2/NDF :1072.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.089+/-0.188 χ^2/NDF :656.9/10

Left: -3.529+/-0.132 χ^2/NDF : 1746.2/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.089+/-0.188 χ^2/NDF :656.9/10
 Out: -2.993+/-0.184 χ^2/NDF :1072.0/12
 All: -3.529+/-0.132 χ^2/NDF : 1746.2/23

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.854+/-0.267 χ^2/NDF :1357.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.145+/-0.273 χ^2/NDF :1265.6/10

Left: -73.484+/-0.191 χ^2/NDF : 2634.1/23

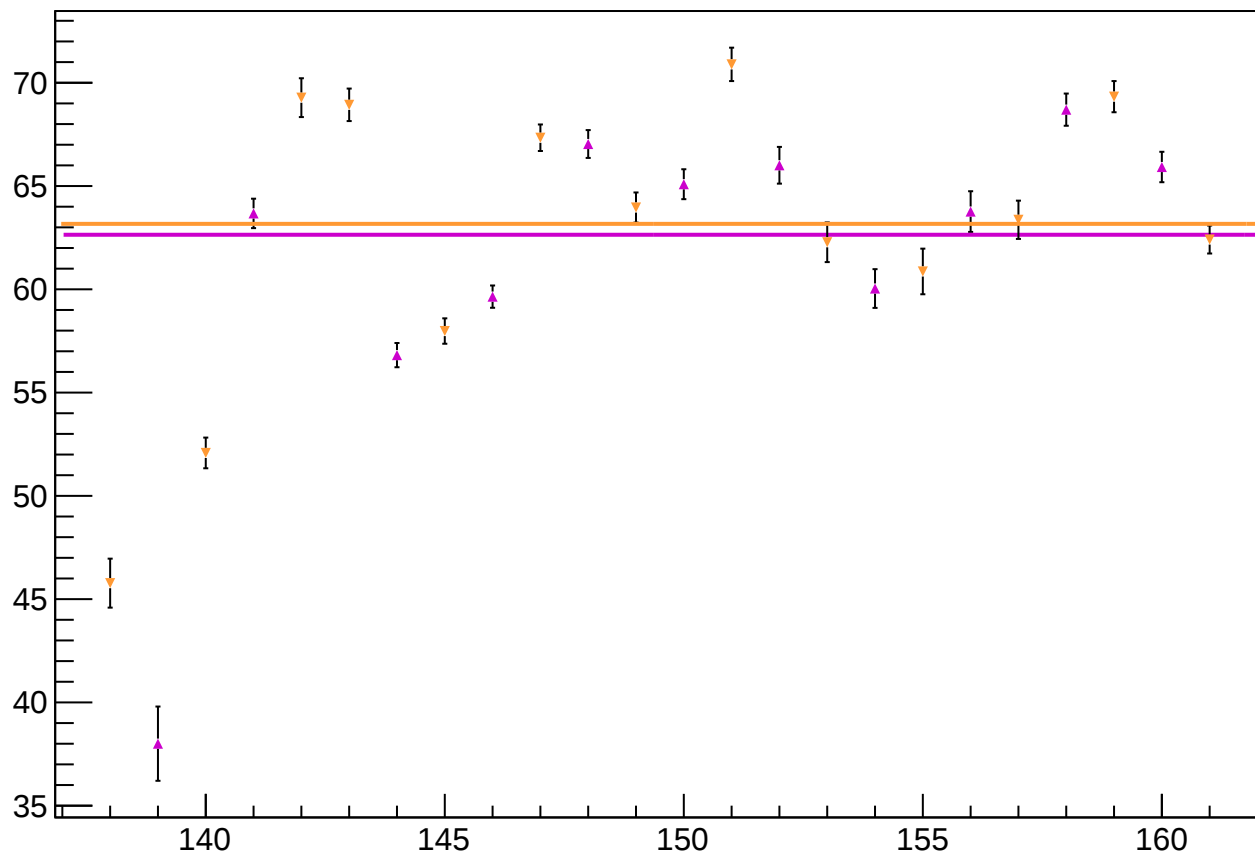
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.145+/-0.273 χ^2/NDF :1265.6/10

Out: -72.854+/-0.267 χ^2/NDF :1357.1/12

All: -73.484+/-0.191 χ^2/NDF : 2634.1/23

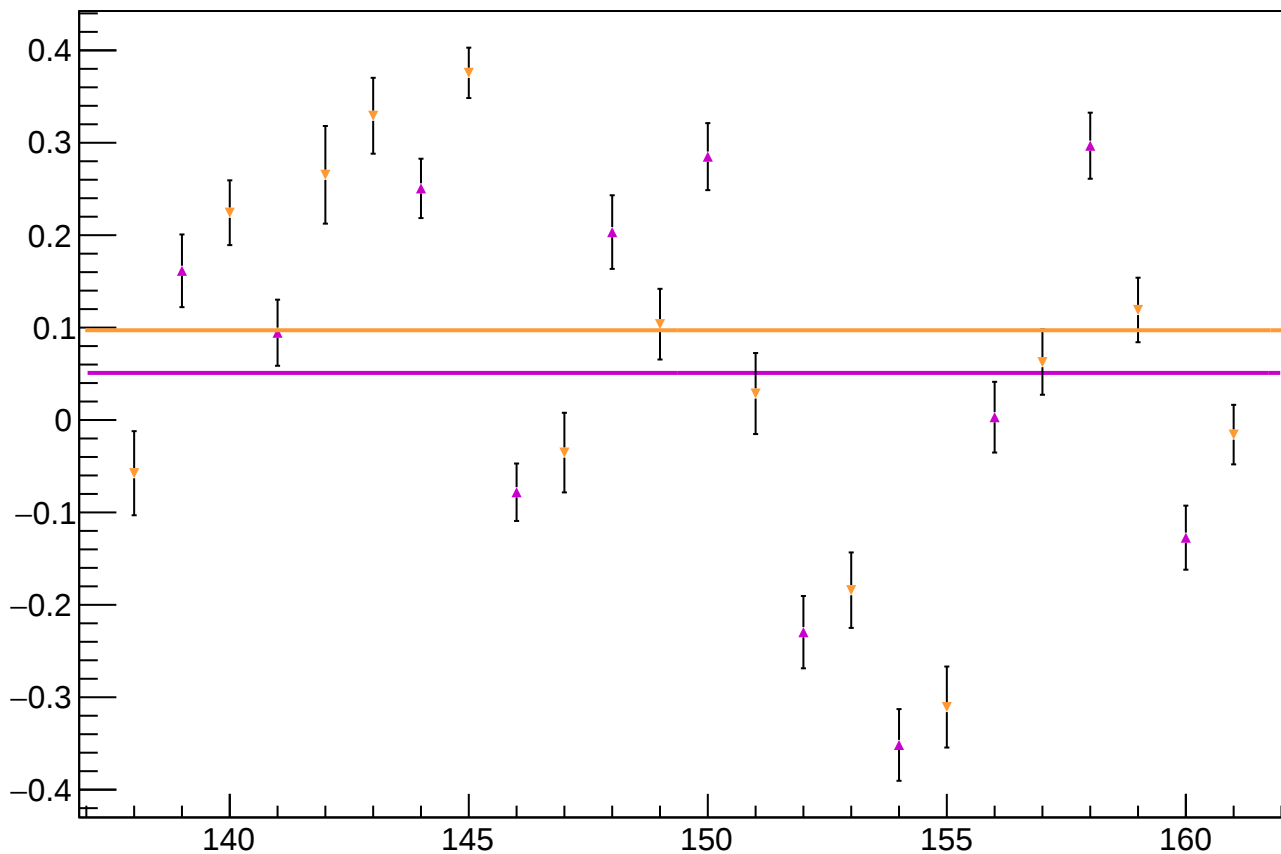
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.169+/-0.219 χ^2/NDF :812.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 62.641+/-0.226 χ^2/NDF :477.0/10

Left: 62.912+/-0.157 χ^2/NDF : 1292.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 62.641+/-0.226 χ^2/NDF :477.0/10
 Out: 63.169+/-0.219 χ^2/NDF :812.9/12
 All: 62.912+/-0.157 χ^2/NDF : 1292.6/23

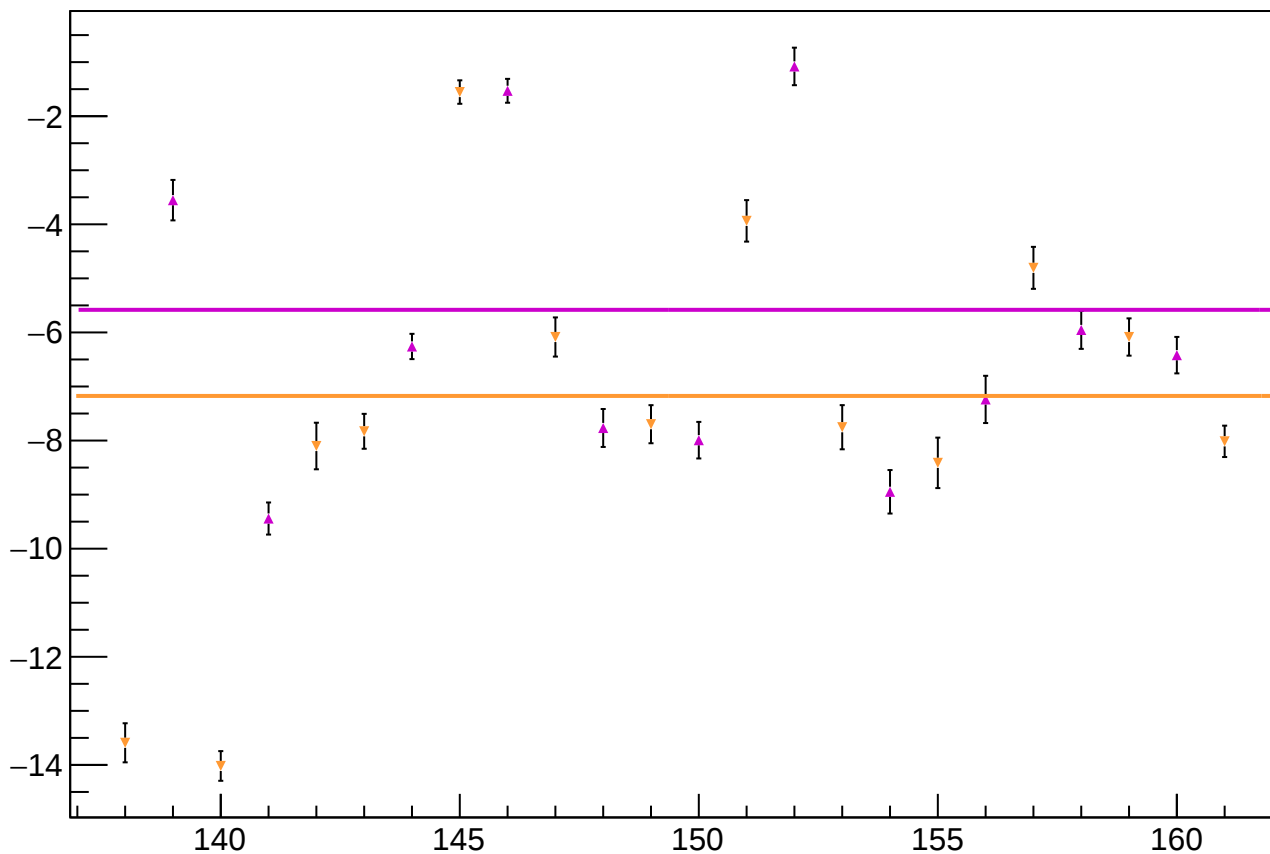
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.097 $\pm$ 0.011 χ^2 /NDF:330.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.051 $\pm$ 0.011 χ^2 /NDF:356.0/10

Left: 0.075 $\pm$ 0.008 χ^2 /NDF: 696.1/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.051 $\pm$ 0.011 χ^2 /NDF:356.0/10
 Out: 0.097 $\pm$ 0.011 χ^2 /NDF:330.8/12
 All: 0.075 $\pm$ 0.008 χ^2 /NDF: 696.1/23

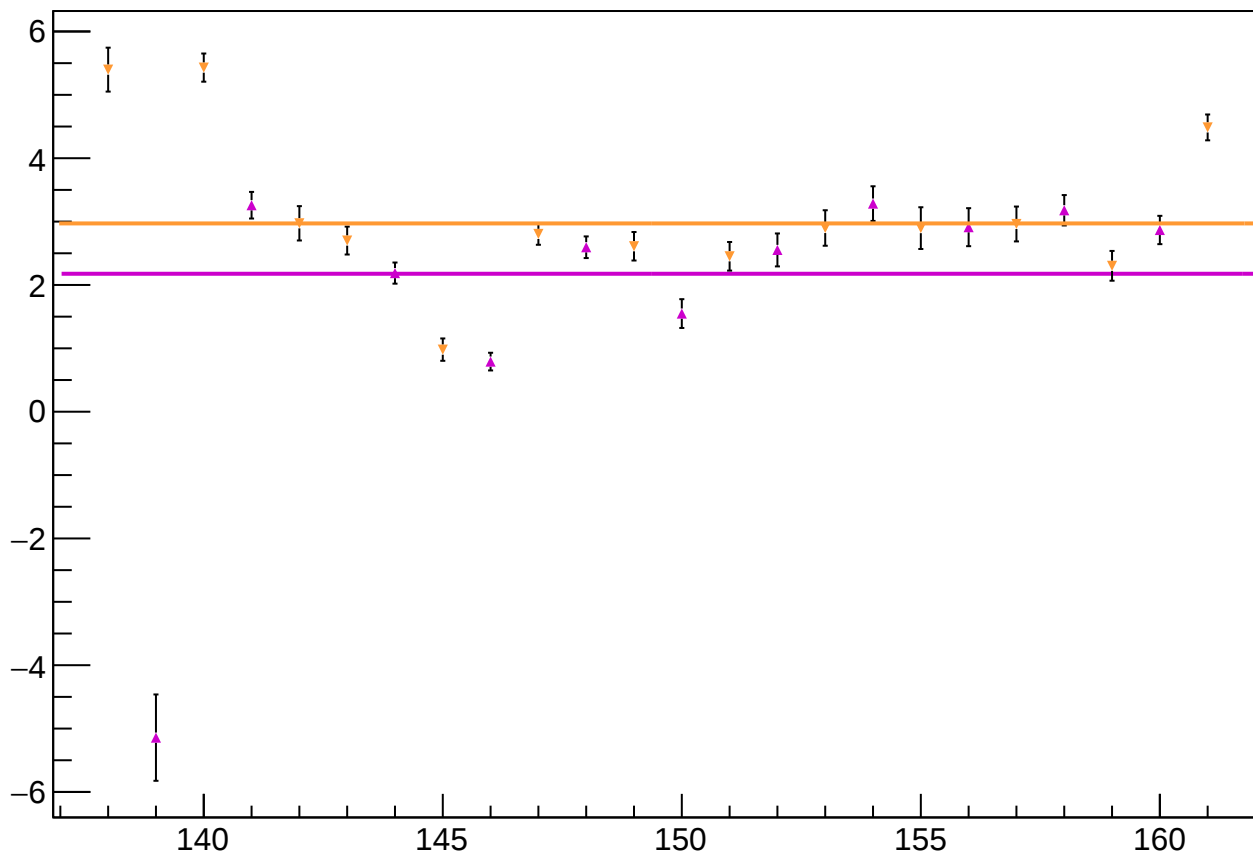
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.175 $\pm$ 0.092 χ^2 /NDF:1762.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.582 $\pm$ 0.095 χ^2 /NDF:892.9/10

Left: -6.400 $\pm$ 0.066 χ^2 /NDF: 2800.2/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.582 $\pm$ 0.095 χ^2 /NDF:892.9/10
 Out: -7.175 $\pm$ 0.092 χ^2 /NDF:1762.9/12
 All: -6.400 $\pm$ 0.066 χ^2 /NDF: 2800.2/23

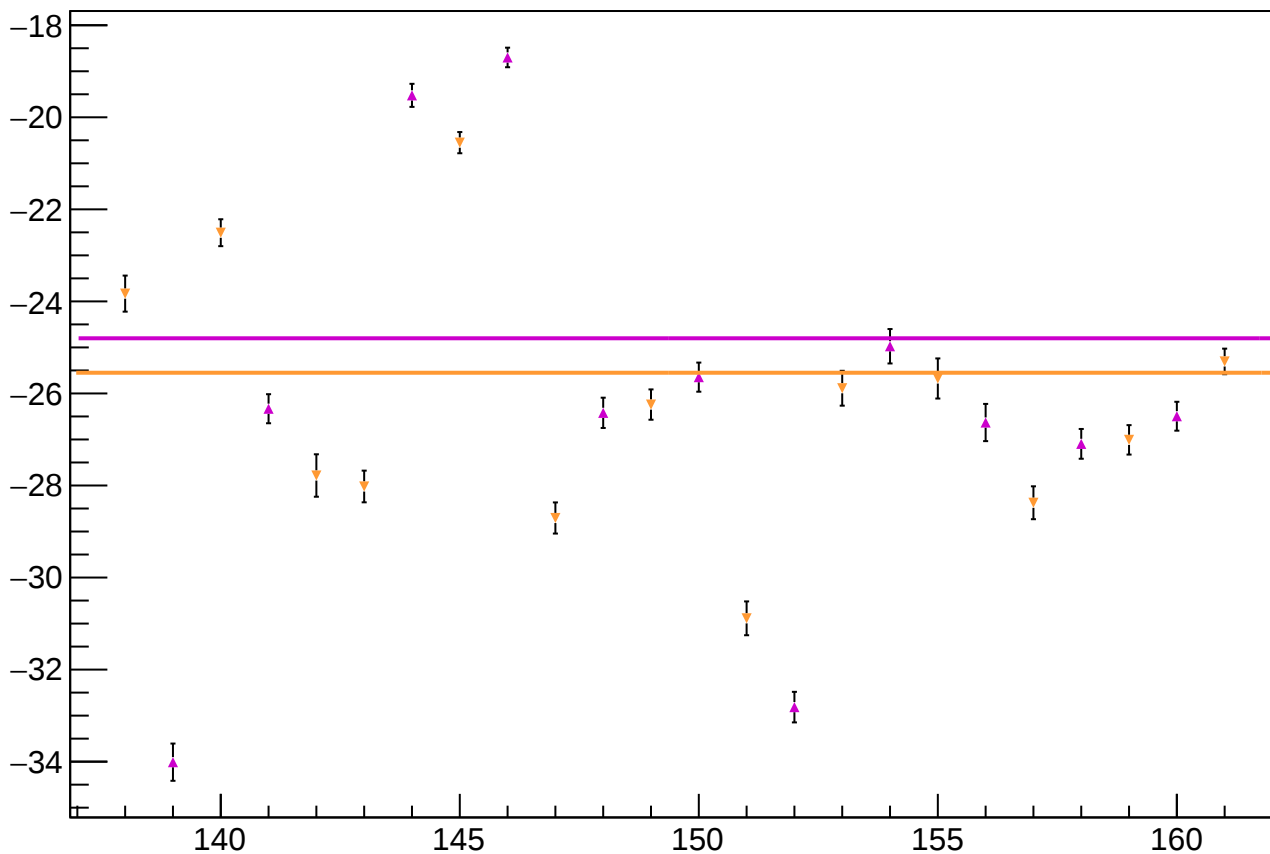
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.971 $\pm$ 0.064 χ^2 /NDF:372.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.177 $\pm$ 0.064 χ^2 /NDF:305.7/10

Left: 2.577 $\pm$ 0.045 χ^2 /NDF: 755.4/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.177 $\pm$ 0.064 χ^2 /NDF:305.7/10
 Out: 2.971 $\pm$ 0.064 χ^2 /NDF:372.6/12
 All: 2.577 $\pm$ 0.045 χ^2 /NDF: 755.4/23

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

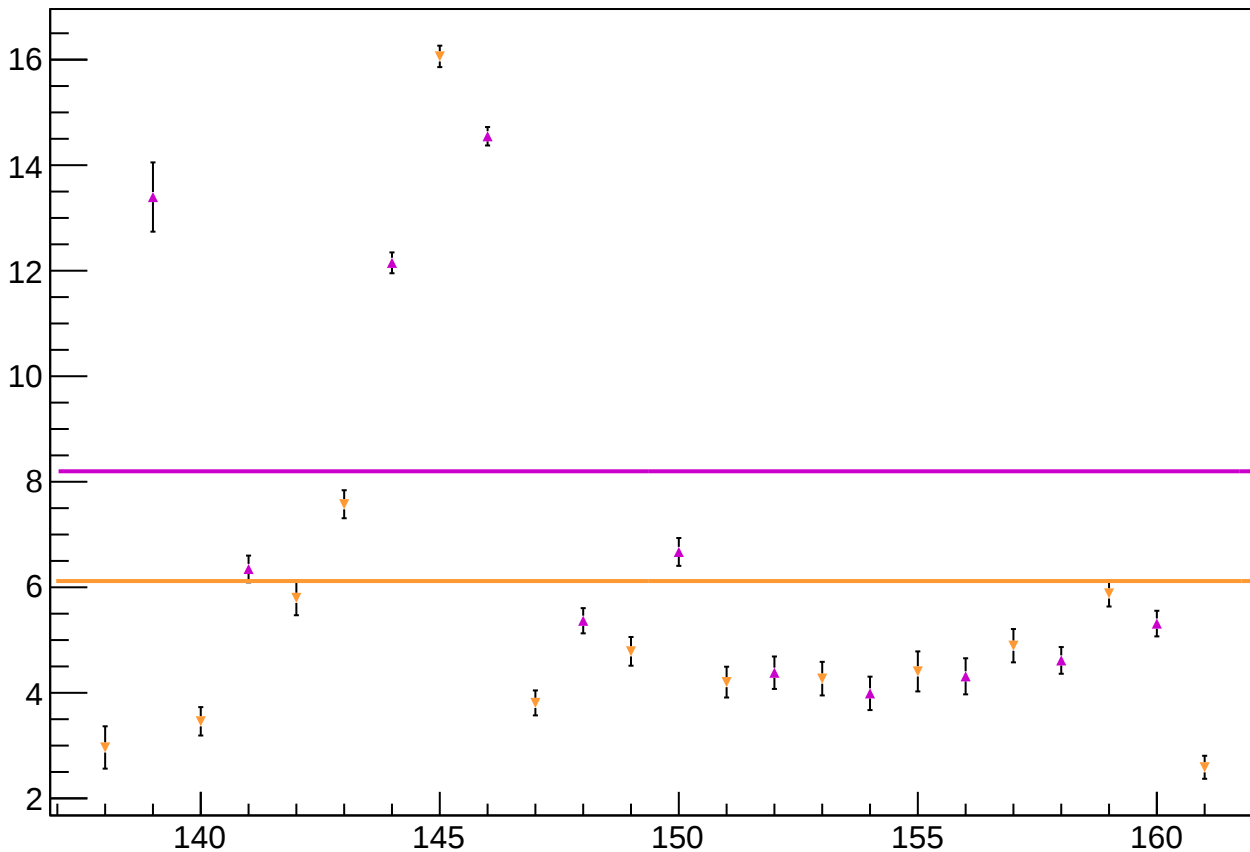


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.550+/-0.092 χ^2/NDF :1060.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.802+/-0.093 χ^2/NDF :2523.8/10

Left: -25.180+/-0.065 χ^2/NDF : 3617.2/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.802+/-0.093 χ^2/NDF :2523.8/10
 Out: -25.550+/-0.092 χ^2/NDF :1060.6/12

All: -25.180+/-0.065 χ^2/NDF : 3617.2/23

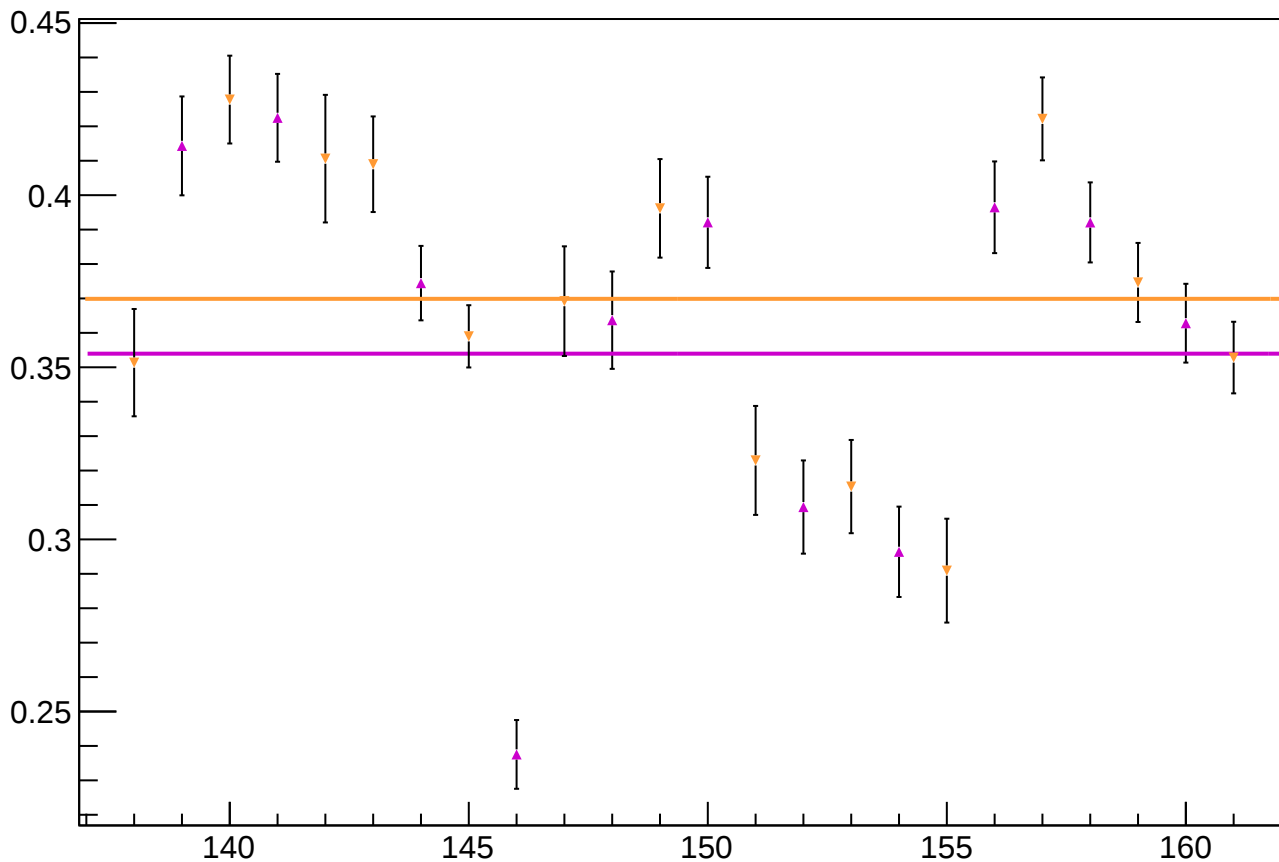
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.118+/-0.076 χ^2/NDF : 3079.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.199+/-0.077 χ^2/NDF : 2809.4/10

Left: 7.143+/-0.054 χ^2/NDF : 6261.1/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.199+/-0.077 χ^2/NDF : 2809.4/10
 Out: 6.118+/-0.076 χ^2/NDF : 3079.0/12
 All: 7.143+/-0.054 χ^2/NDF : 6261.1/23

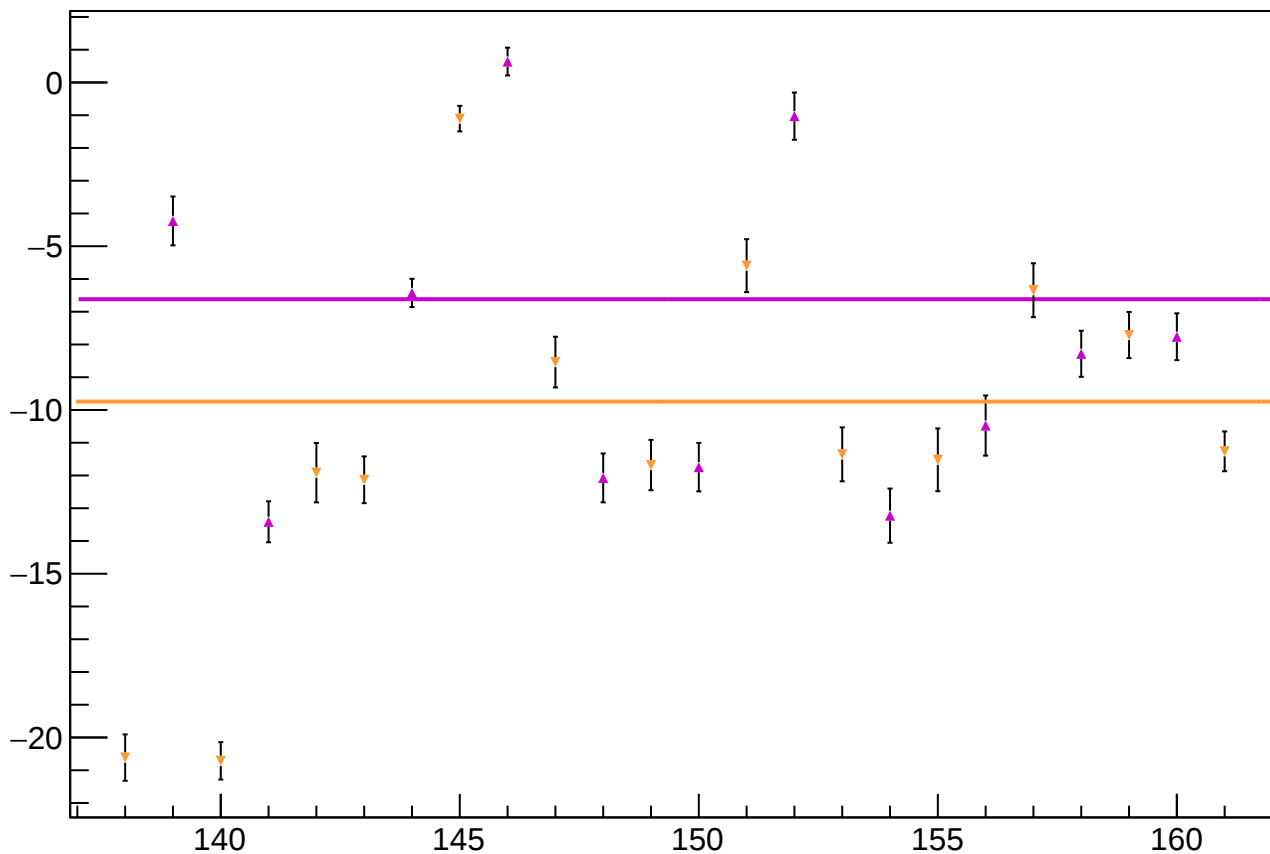
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.370+/-0.004 χ^2/NDF :113.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.354+/-0.004 χ^2/NDF :246.3/10

Left: 0.362+/-0.003 χ^2/NDF : 369.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.354+/-0.004 χ^2/NDF :246.3/10
 Out: 0.370+/-0.004 χ^2/NDF :113.7/12
 All: 0.362+/-0.003 χ^2/NDF : 369.5/23

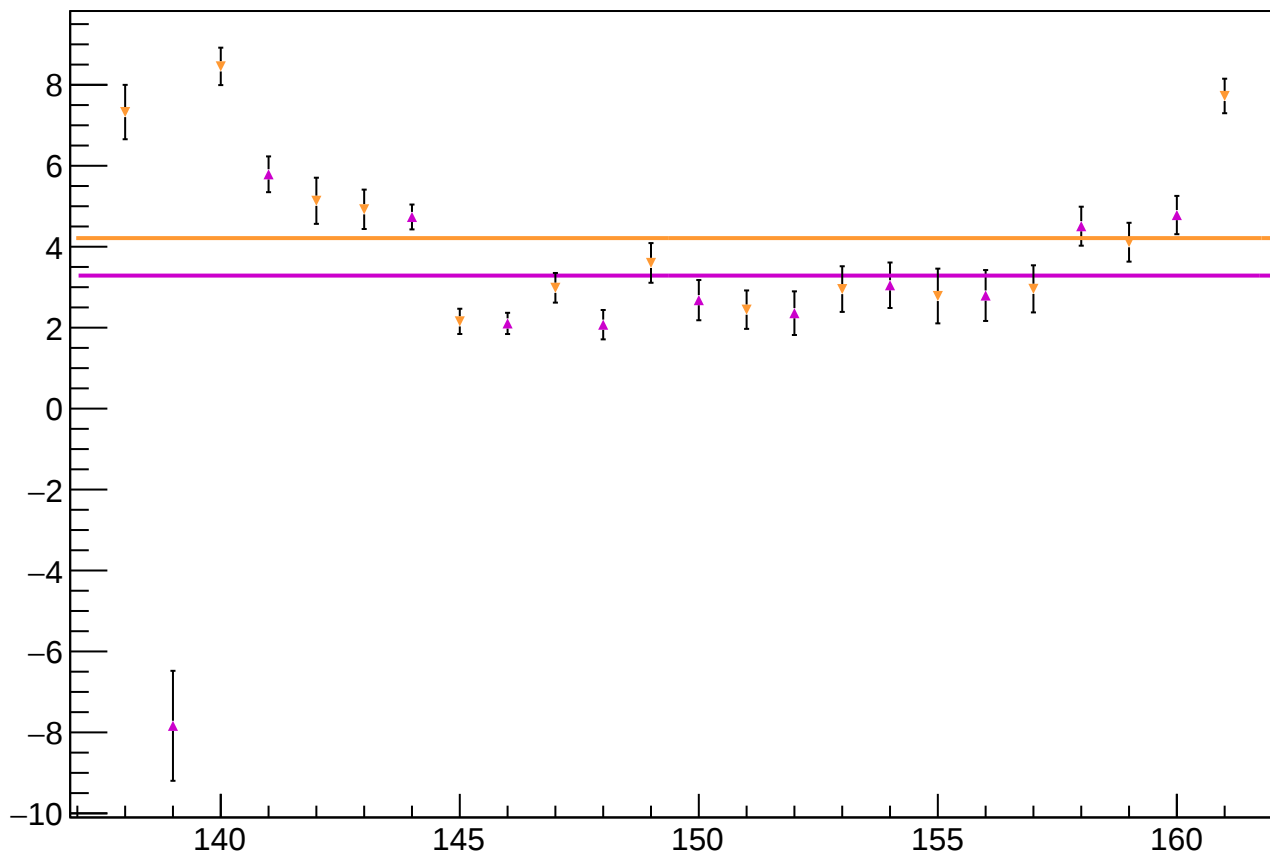
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.618+/-0.191 χ^2/NDF :672.5/10

Left: -8.209+/-0.134 χ^2/NDF : 1994.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.618+/-0.191 χ^2/NDF :672.5/10
 Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 All: -8.209+/-0.134 χ^2/NDF : 1994.5/23

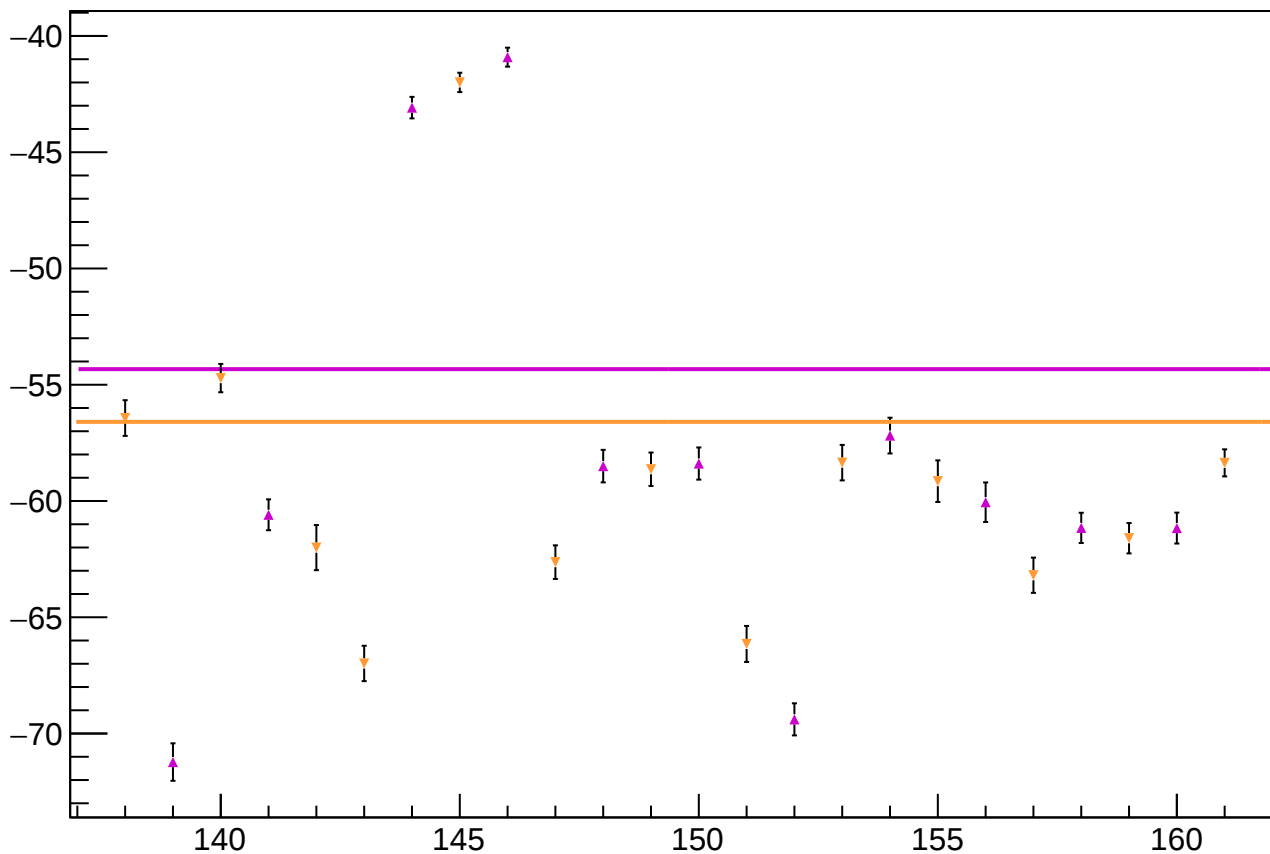
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.213+/-0.131 χ^2/NDF :262.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.287+/-0.129 χ^2/NDF :174.5/10

Left: 3.743+/-0.092 χ^2/NDF : 462.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.287+/-0.129 χ^2/NDF :174.5/10
 Out: 4.213+/-0.131 χ^2/NDF :262.6/12
 All: 3.743+/-0.092 χ^2/NDF : 462.6/23

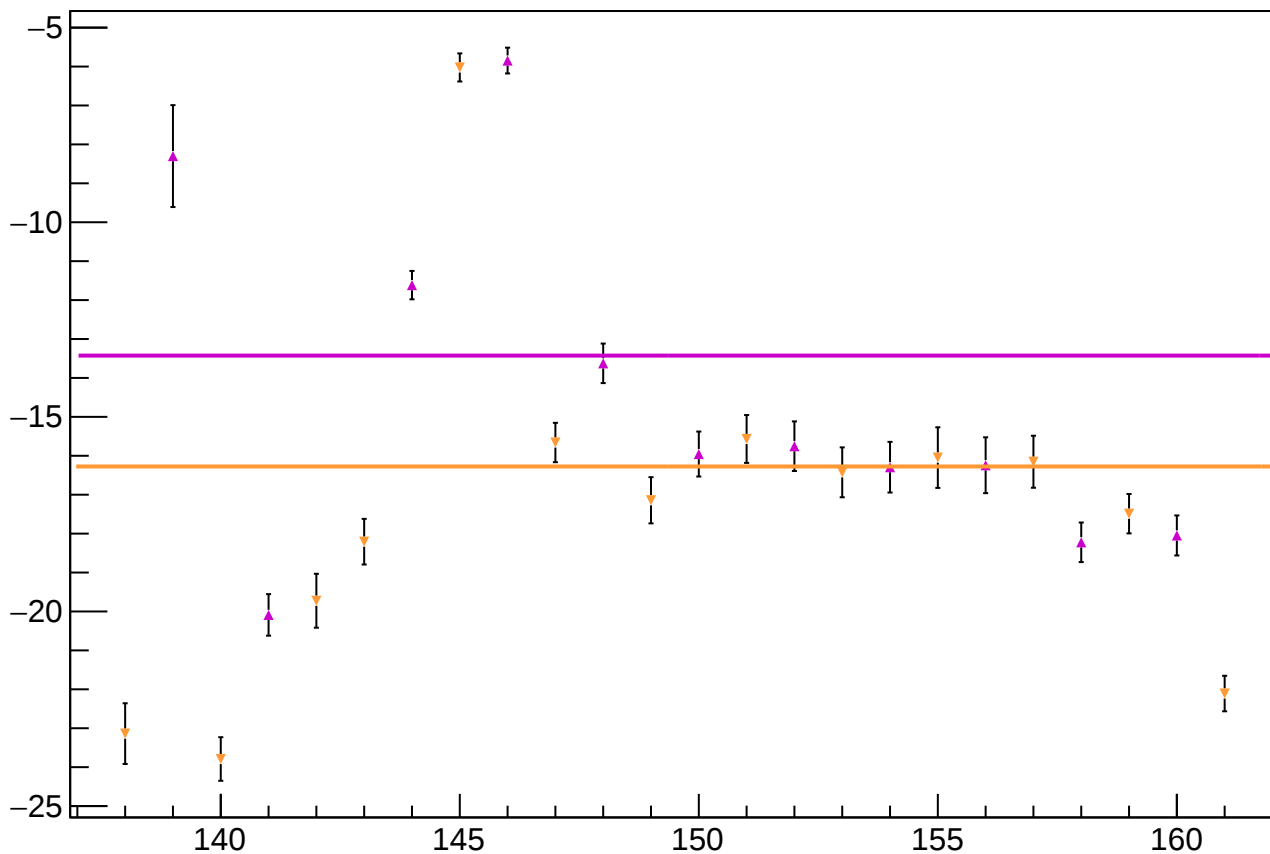
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.596+/-0.187 χ^2/NDF :1846.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.330+/-0.188 χ^2/NDF :3024.8/10

Left: -55.464+/-0.133 χ^2/NDF : 4944.3/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -54.330+/-0.188 χ^2/NDF :3024.8/10
 Out: -56.596+/-0.187 χ^2/NDF :1846.3/12
 All: -55.464+/-0.133 χ^2/NDF : 4944.3/23

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



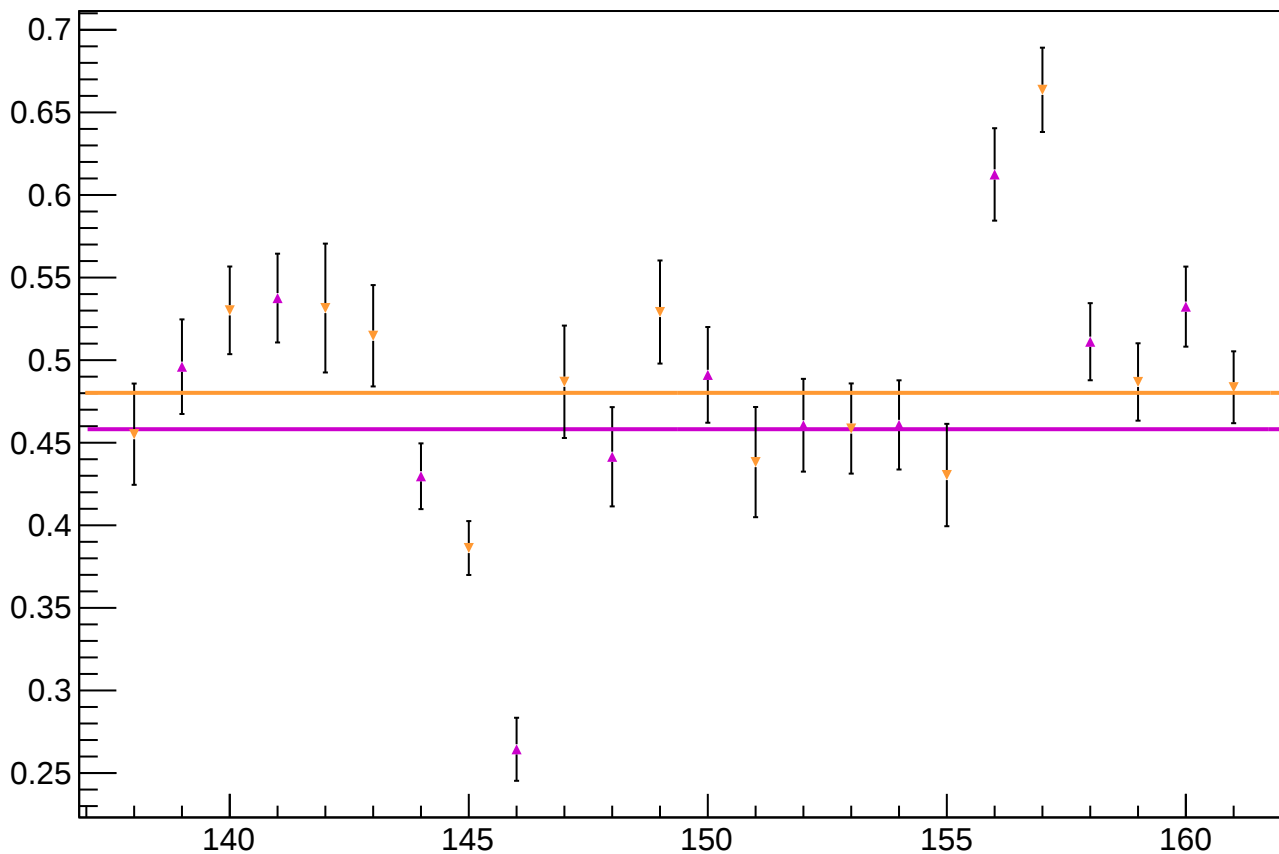
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.275+/-0.154 χ^2/NDF :1274.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.426+/-0.154 χ^2/NDF :956.9/10

Left: -14.849+/-0.109 χ^2/NDF : 2402.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.426+/-0.154 χ^2/NDF :956.9/10
 Out: -16.275+/-0.154 χ^2/NDF :1274.8/12

All: -14.849+/-0.109 χ^2/NDF : 2402.0/23

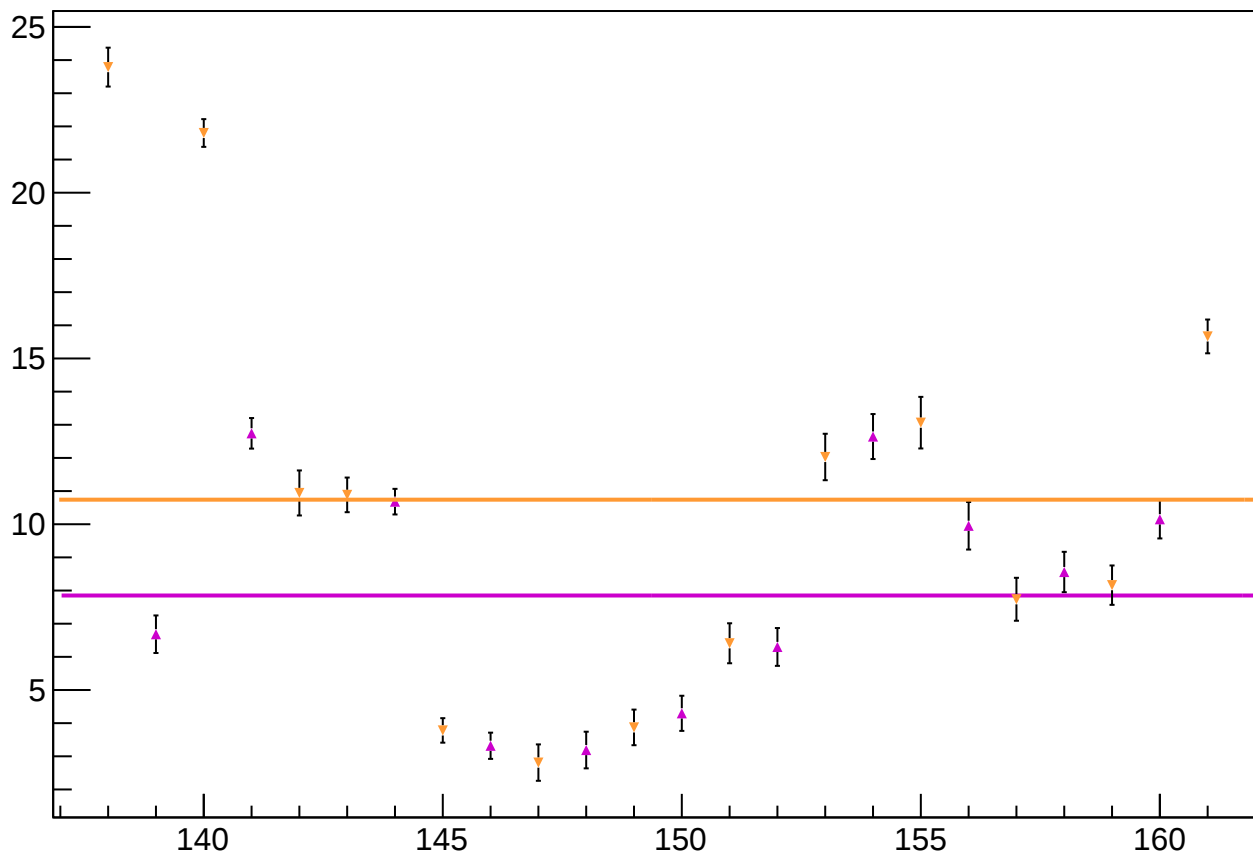
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.480 $\pm$ 0.007 χ^2 /NDF:99.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.458 $\pm$ 0.008 χ^2 /NDF:162.2/10

Left: 0.469 $\pm$ 0.005 χ^2 /NDF: 265.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.458 $\pm$ 0.008 χ^2 /NDF:162.2/10
 Out: 0.480 $\pm$ 0.007 χ^2 /NDF:99.4/12
 All: 0.469 $\pm$ 0.005 χ^2 /NDF: 265.9/23

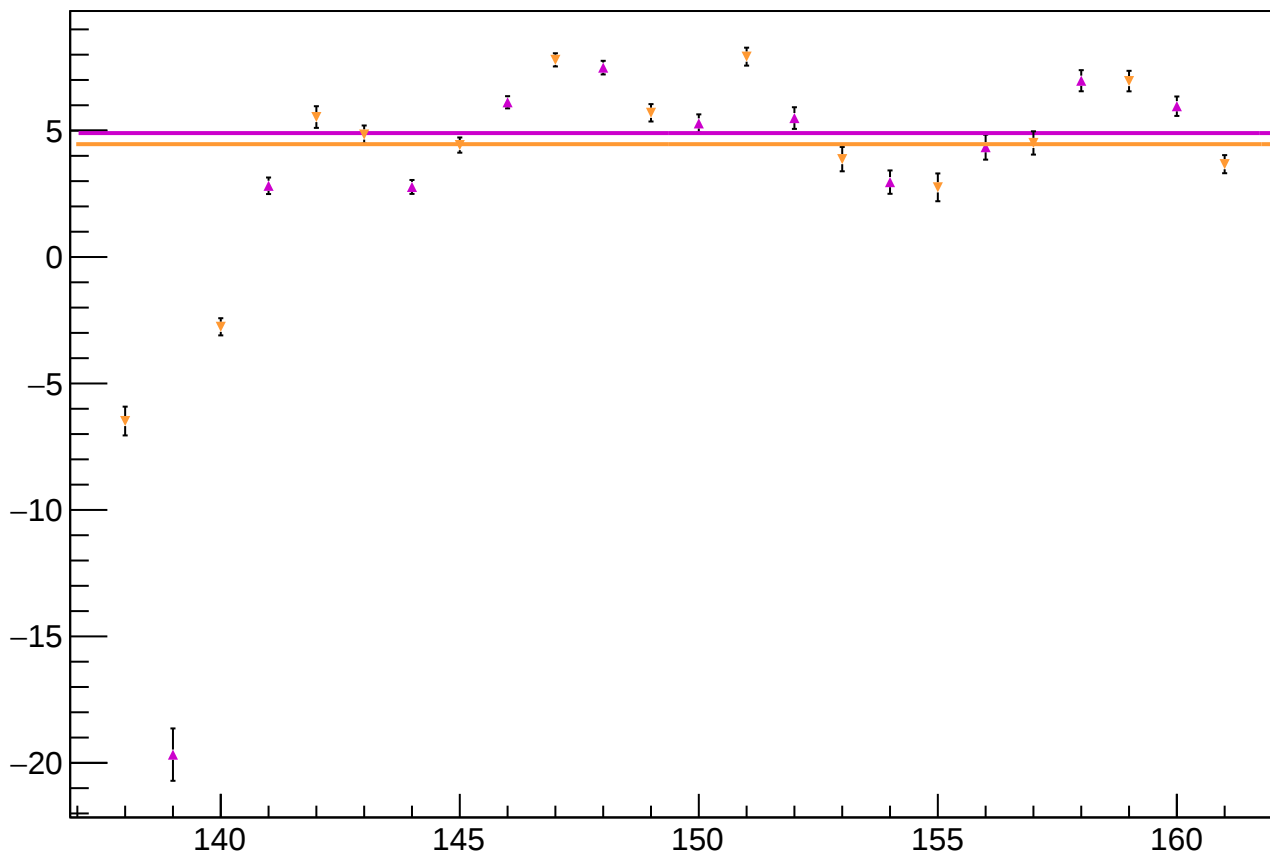
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 10.741 $\pm$ 0.151 χ^2/NDF :2118.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 7.850 $\pm$ 0.157 χ^2/NDF :500.9/10

Left: 9.355 $\pm$ 0.109 χ^2/NDF : 2796.3/23
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 7.850 $\pm$ 0.157 χ^2/NDF :500.9/10
 Out: 10.741 $\pm$ 0.151 χ^2/NDF :2118.8/12
 All: 9.355 $\pm$ 0.109 χ^2/NDF : 2796.3/23

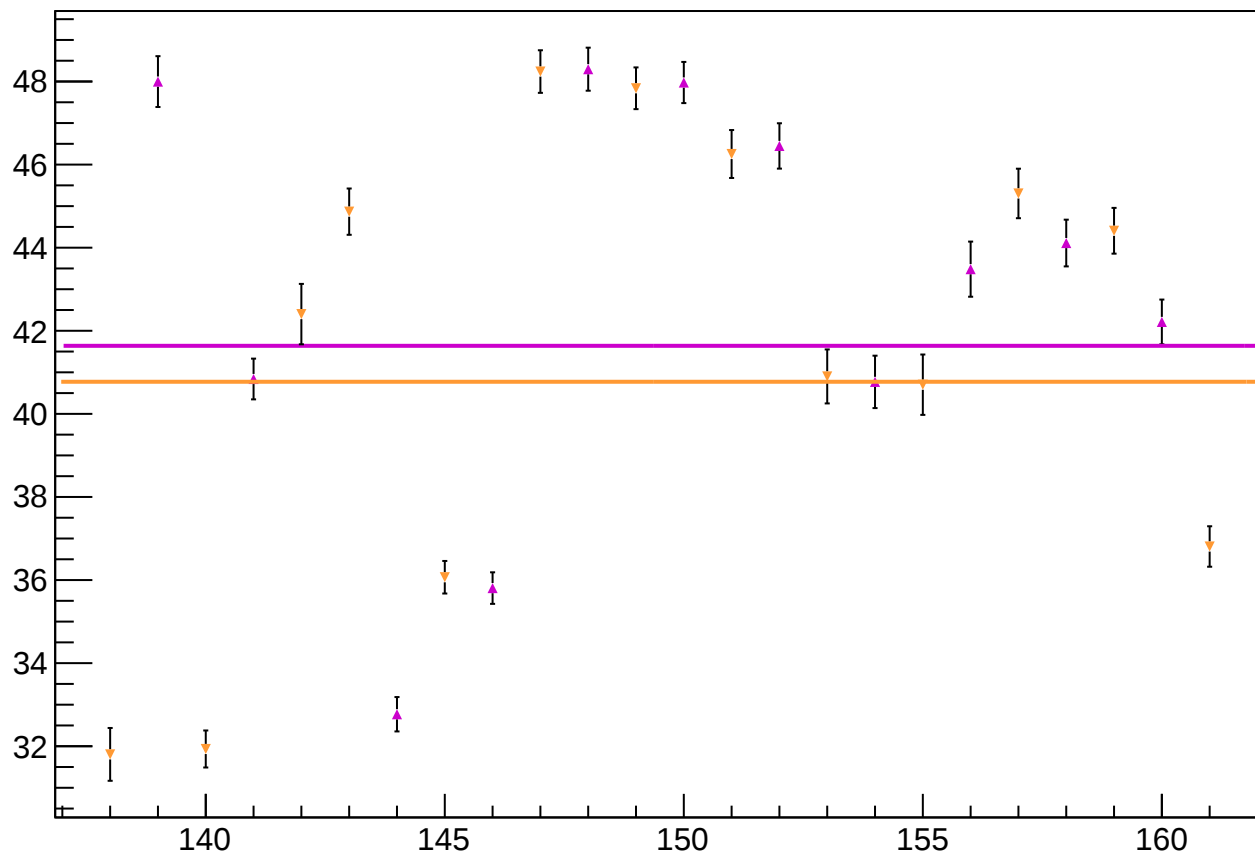
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.462 $\pm$ 0.103 χ^2 /NDF:1154.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.900 $\pm$ 0.106 χ^2 /NDF:835.8/10

Left: 4.675 $\pm$ 0.074 χ^2 /NDF: 1999.4/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.900 $\pm$ 0.106 χ^2 /NDF:835.8/10
 Out: 4.462 $\pm$ 0.103 χ^2 /NDF:1154.9/12
 All: 4.675 $\pm$ 0.074 χ^2 /NDF: 1999.4/23

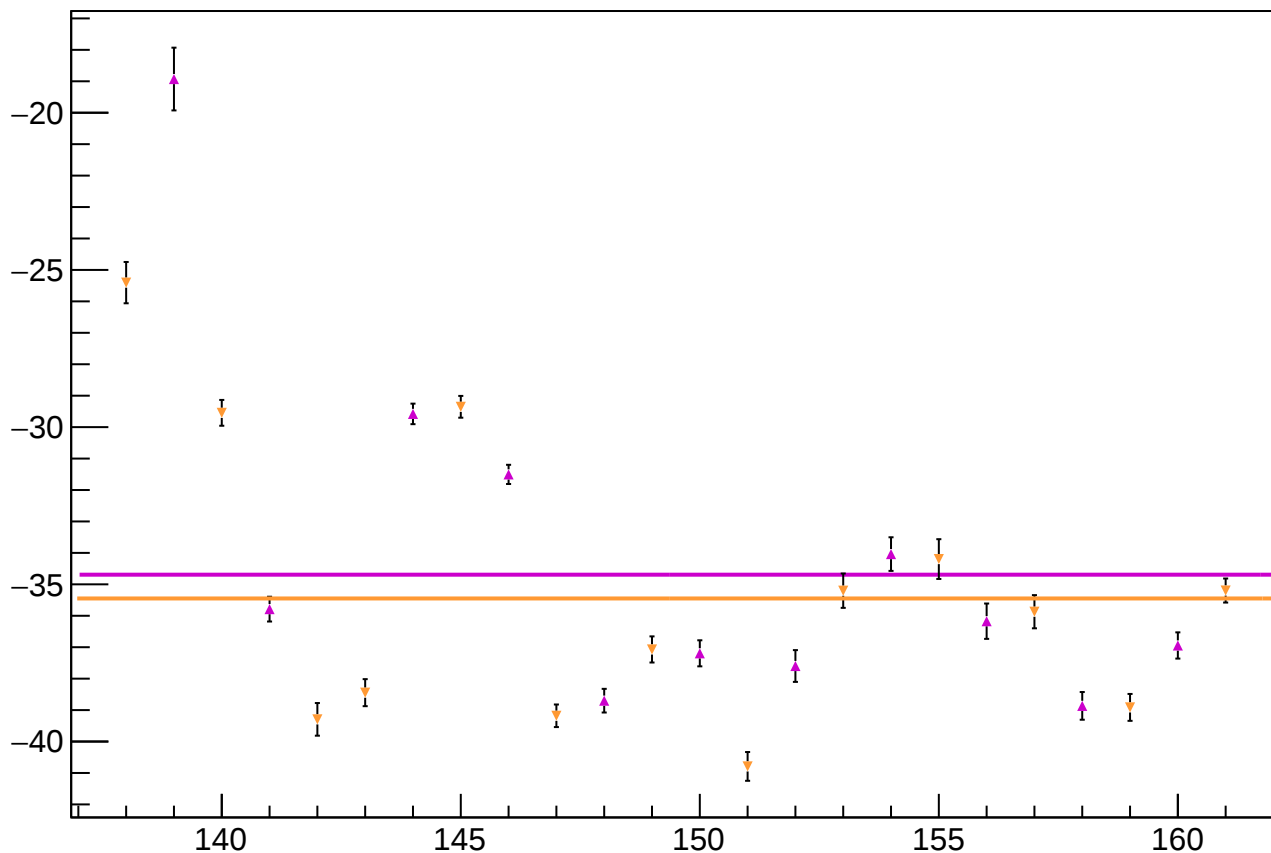
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.773+/-0.150 χ^2/NDF :1464.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.638+/-0.154 χ^2/NDF :1242.4/10

Left: 41.194+/-0.107 χ^2/NDF : 2722.7/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.638+/-0.154 χ^2/NDF :1242.4/10
 Out: 40.773+/-0.150 χ^2/NDF :1464.1/12
 All: 41.194+/-0.107 χ^2/NDF : 2722.7/23

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.450+/-0.123 χ^2/NDF :1183.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.693+/-0.127 χ^2/NDF :922.2/10

Left: -35.083+/-0.088 χ^2/NDF : 2124.3/23

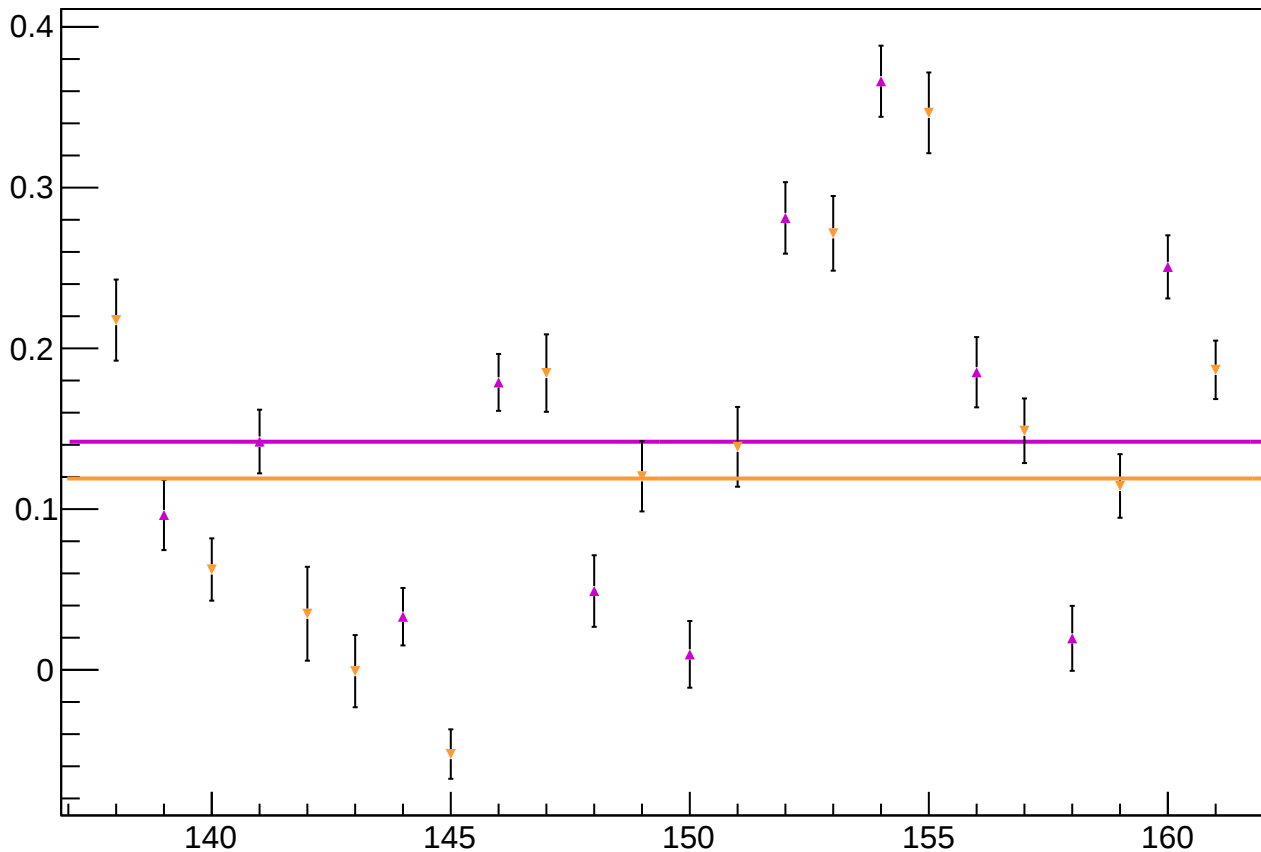
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.693+/-0.127 χ^2/NDF :922.2/10

Out: -35.450+/-0.123 χ^2/NDF :1183.8/12

All: -35.083+/-0.088 χ^2/NDF : 2124.3/23

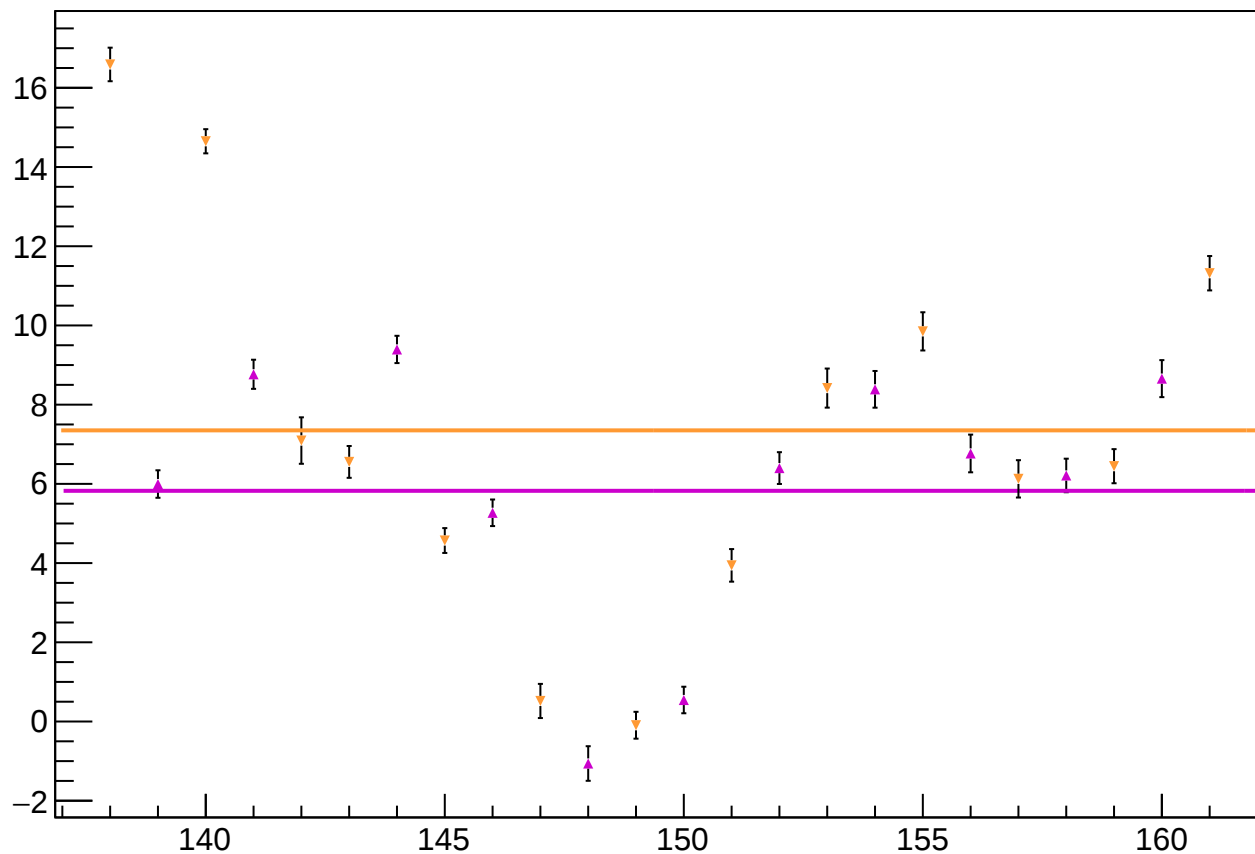
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.119 $\pm$ 0.006 χ^2 /NDF:334.1/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.142 $\pm$ 0.006 χ^2 /NDF:317.1/10

Left: 0.130 $\pm$ 0.004 χ^2 /NDF: 658.4/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.142 $\pm$ 0.006 χ^2 /NDF:317.1/10
 Out: 0.119 $\pm$ 0.006 χ^2 /NDF:334.1/12
 All: 0.130 $\pm$ 0.004 χ^2 /NDF: 658.4/23

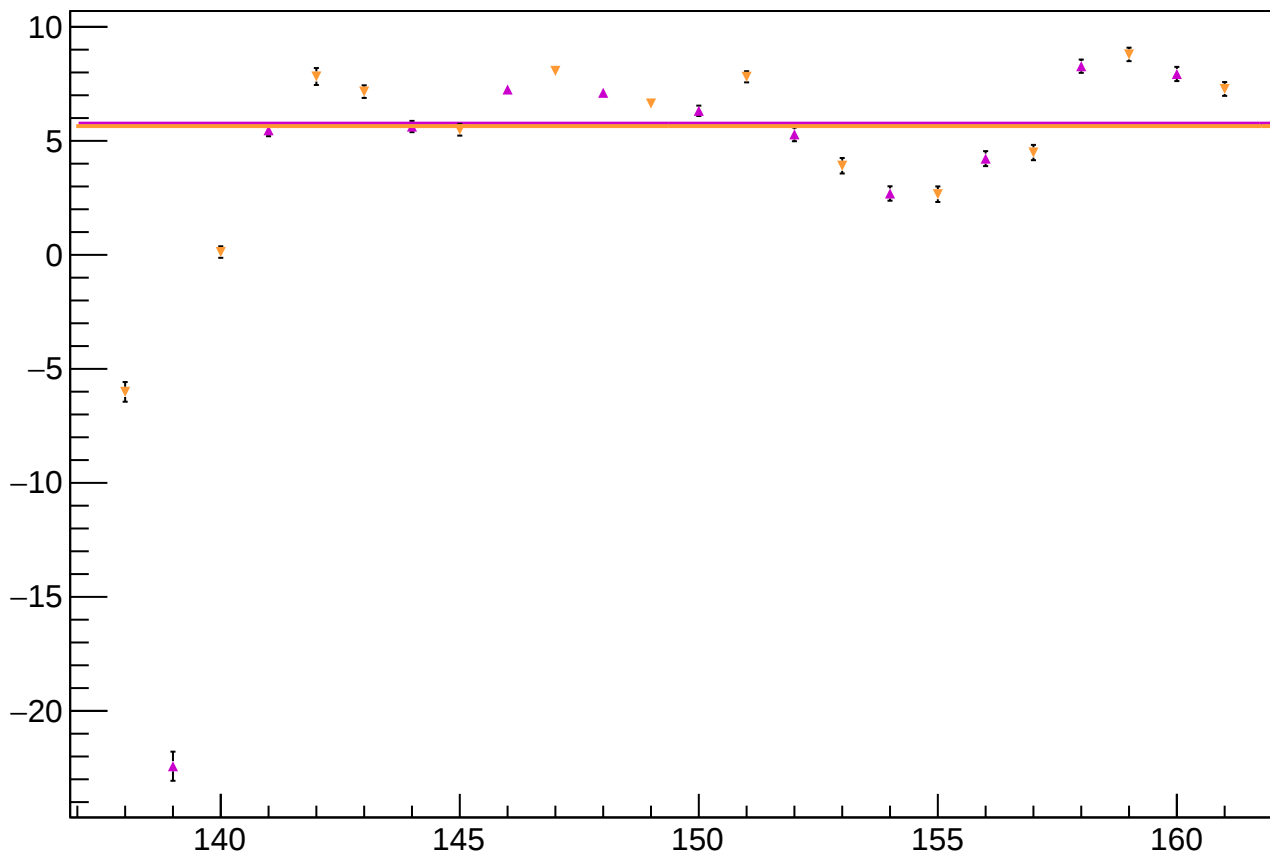
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.351 $\pm$ 0.112 χ^2 /NDF:2058.1/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.825 $\pm$ 0.117 χ^2 /NDF:745.6/10

Left: 6.621 $\pm$ 0.081 χ^2 /NDF: 2891.8/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.825 $\pm$ 0.117 χ^2 /NDF:745.6/10
 Out: 7.351 $\pm$ 0.112 χ^2 /NDF:2058.1/12
 All: 6.621 $\pm$ 0.081 χ^2 /NDF: 2891.8/23

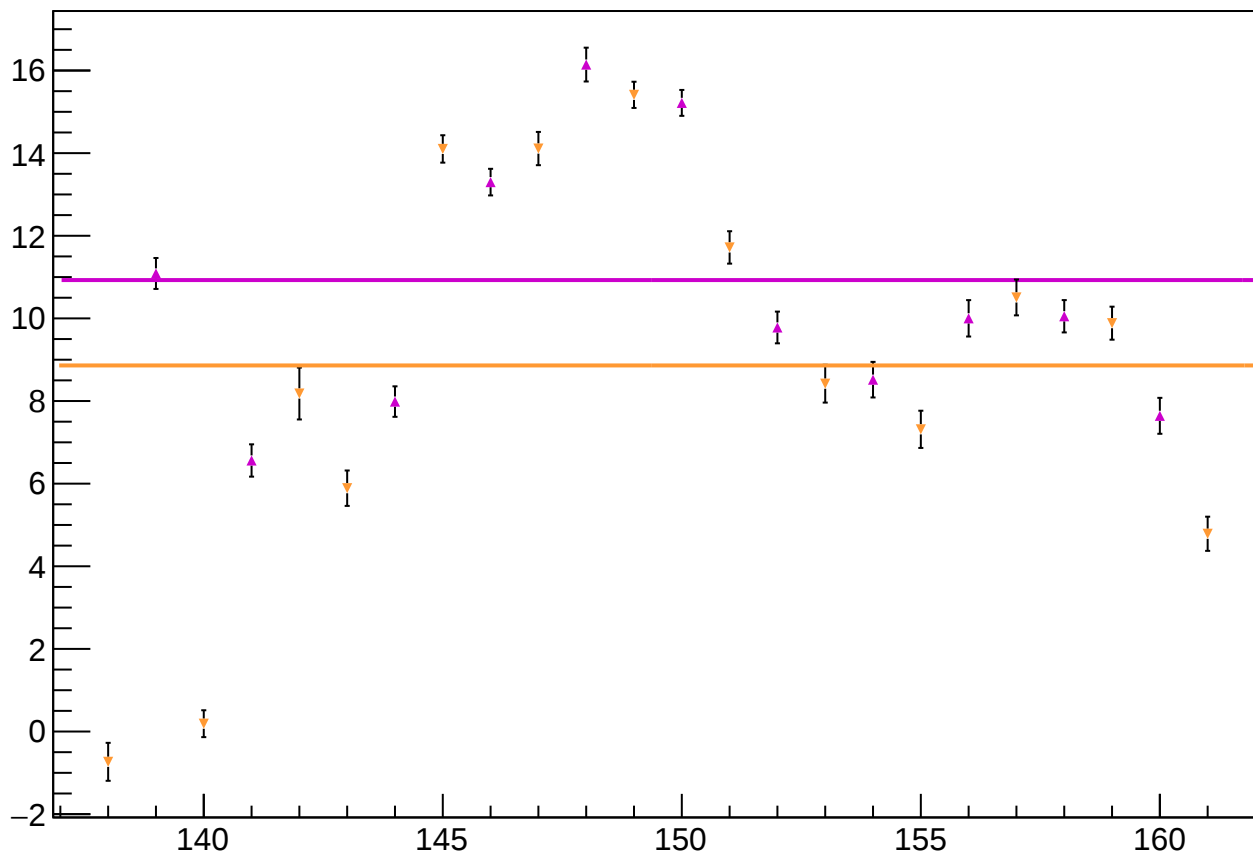
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.649+/-0.078 χ^2/NDF :1764.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.755+/-0.082 χ^2/NDF :2283.3/10

Left: 5.699+/-0.056 χ^2/NDF : 4048.4/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.755+/-0.082 χ^2/NDF :2283.3/10
 Out: 5.649+/-0.078 χ^2/NDF :1764.2/12
 All: 5.699+/-0.056 χ^2/NDF : 4048.4/23

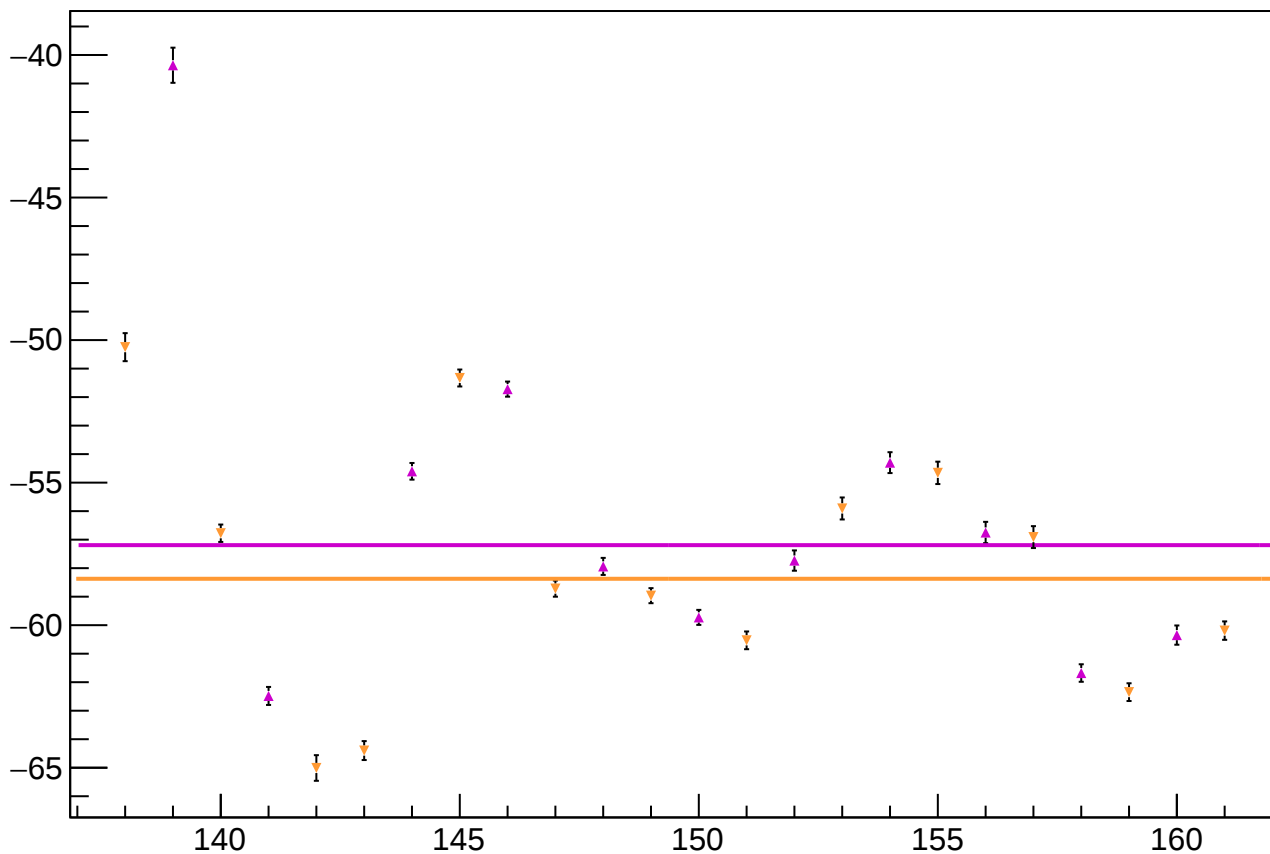
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.928+/-0.115 χ^2/NDF :698.9/10

Left: 9.861+/-0.080 χ^2/NDF : 3092.4/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.928+/-0.115 χ^2/NDF :698.9/10
 Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 All: 9.861+/-0.080 χ^2/NDF : 3092.4/23

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.372+/-0.092 χ^2/NDF :1804.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.193+/-0.097 χ^2/NDF :1997.3/10

Left: -57.812+/-0.067 χ^2/NDF : 3879.0/23

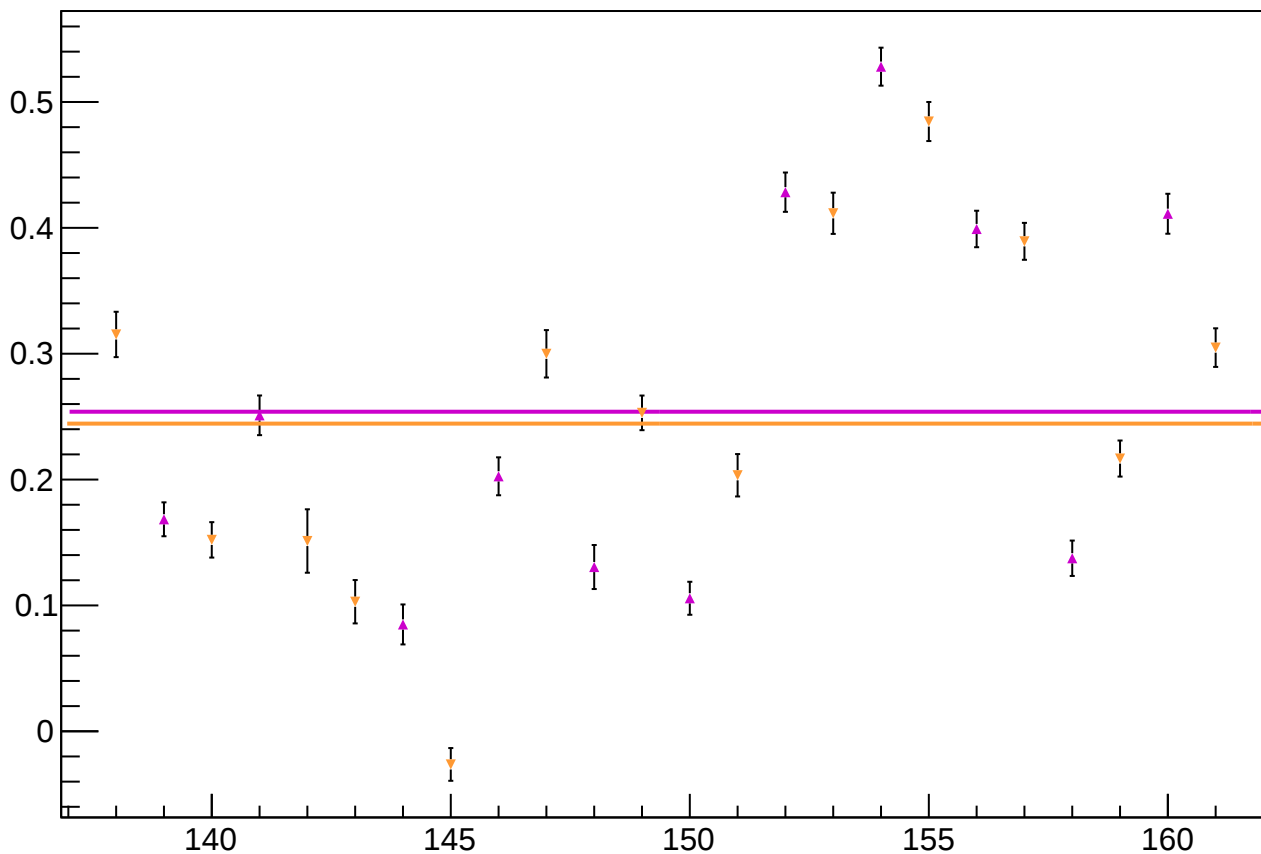
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.193+/-0.097 χ^2/NDF :1997.3/10

Out: -58.372+/-0.092 χ^2/NDF :1804.2/12

All: -57.812+/-0.067 χ^2/NDF : 3879.0/23

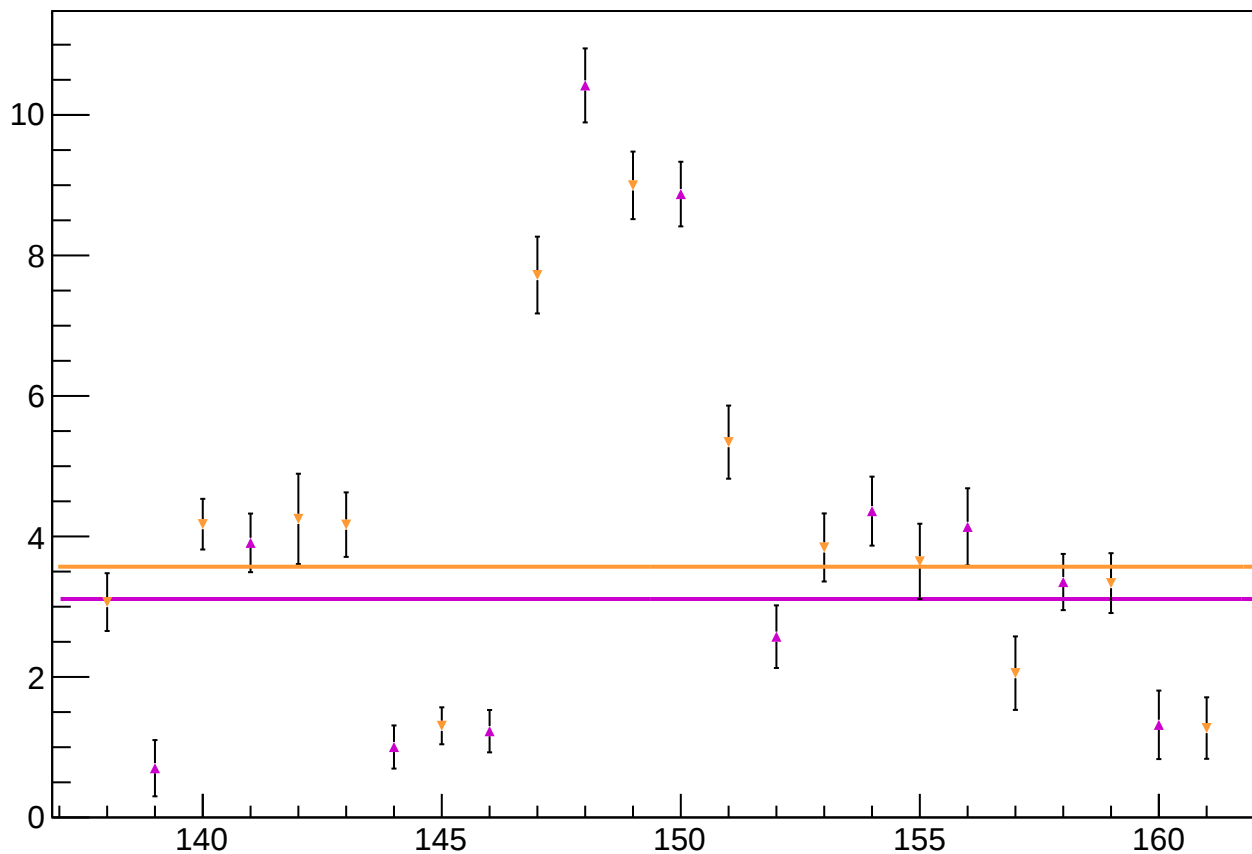
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.244+/-0.004 χ^2/NDF :1048.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.254+/-0.005 χ^2/NDF :1064.7/10

Left: 0.249+/-0.003 χ^2/NDF : 2115.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.254+/-0.005 χ^2/NDF :1064.7/10
 Out: 0.244+/-0.004 χ^2/NDF :1048.0/12
 All: 0.249+/-0.003 χ^2/NDF : 2115.0/23

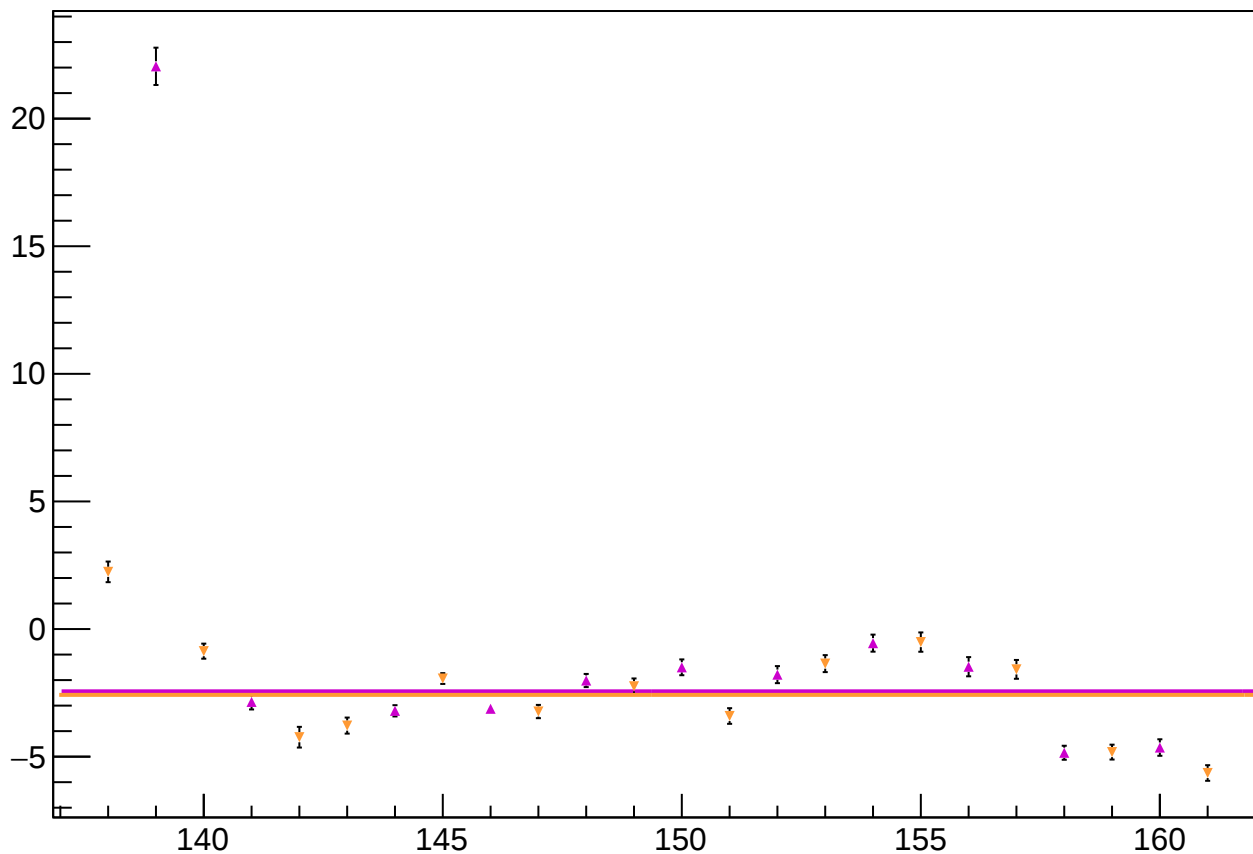
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.569 $\pm$ 0.121 χ^2 /NDF:314.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.110 $\pm$ 0.124 χ^2 /NDF:500.9/10

Left: 3.346 $\pm$ 0.087 χ^2 /NDF: 822.7/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.110 $\pm$ 0.124 χ^2 /NDF:500.9/10
 Out: 3.569 $\pm$ 0.121 χ^2 /NDF:314.8/12
 All: 3.346 $\pm$ 0.087 χ^2 /NDF: 822.7/23

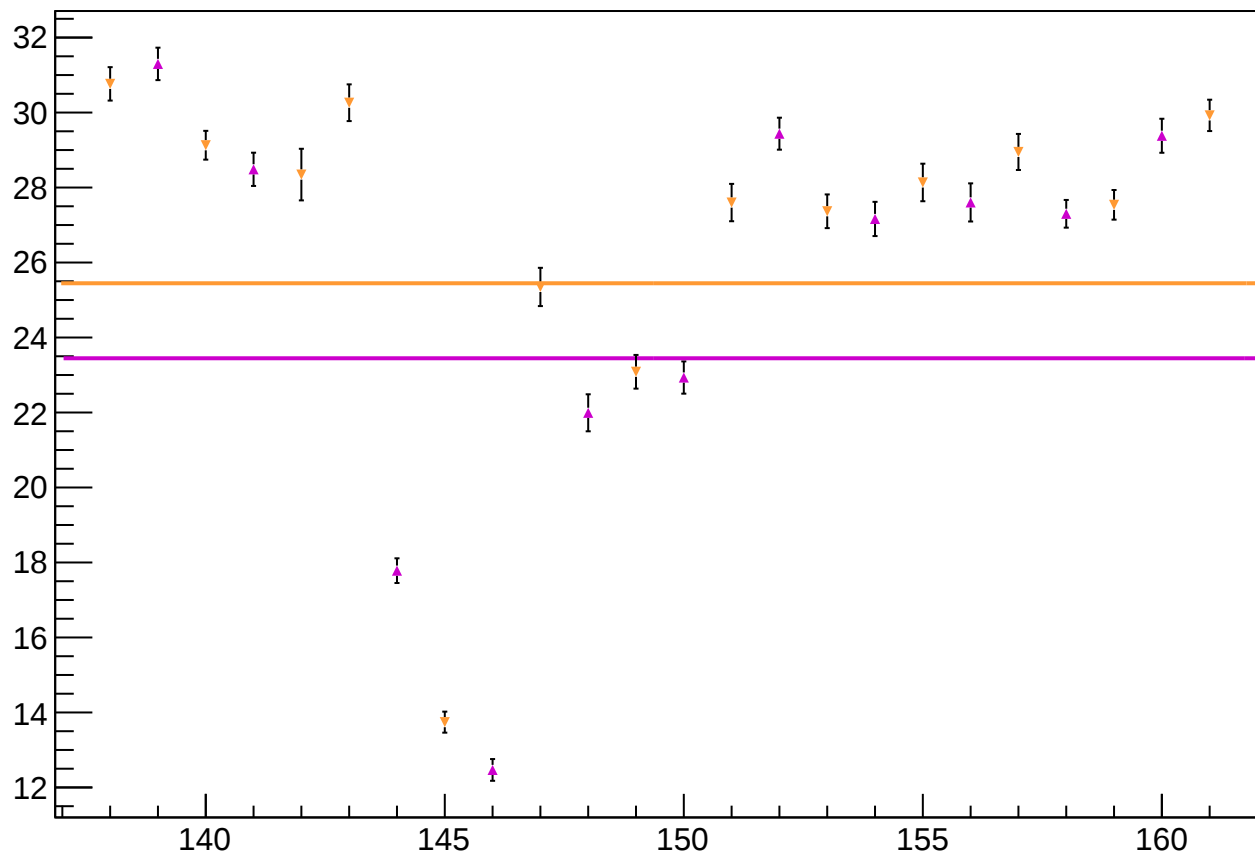
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.579+/-0.085 χ^2/NDF : 441.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.440+/-0.086 χ^2/NDF : 1326.1/10

Left: -2.511+/-0.061 χ^2/NDF : 1768.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.440+/-0.086 χ^2/NDF : 1326.1/10
 Out: -2.579+/-0.085 χ^2/NDF : 441.3/12
 All: -2.511+/-0.061 χ^2/NDF : 1768.8/23

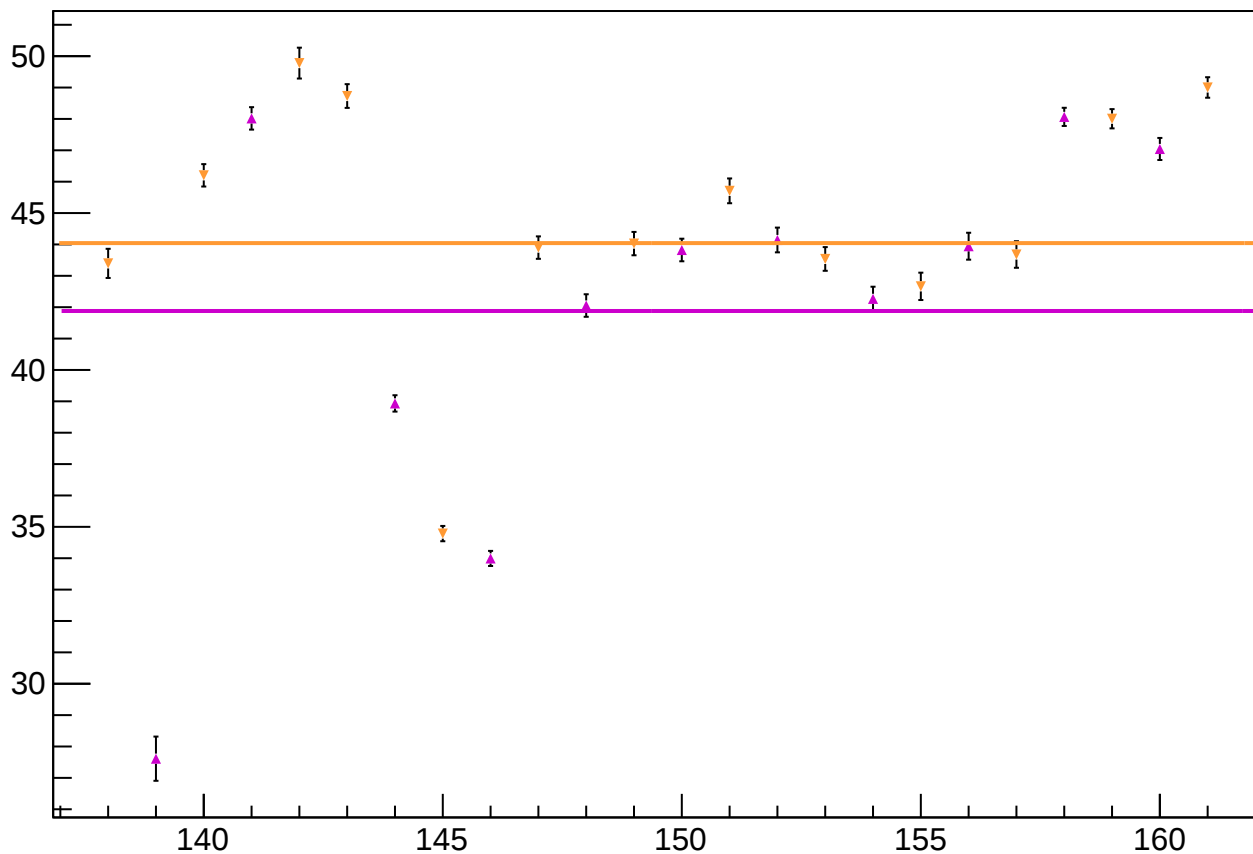
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.446+/-0.122 χ^2/NDF :2807.3/10

Left: 24.459+/-0.086 χ^2/NDF : 5324.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.446+/-0.122 χ^2/NDF :2807.3/10
 Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 All: 24.459+/-0.086 χ^2/NDF : 5324.8/23

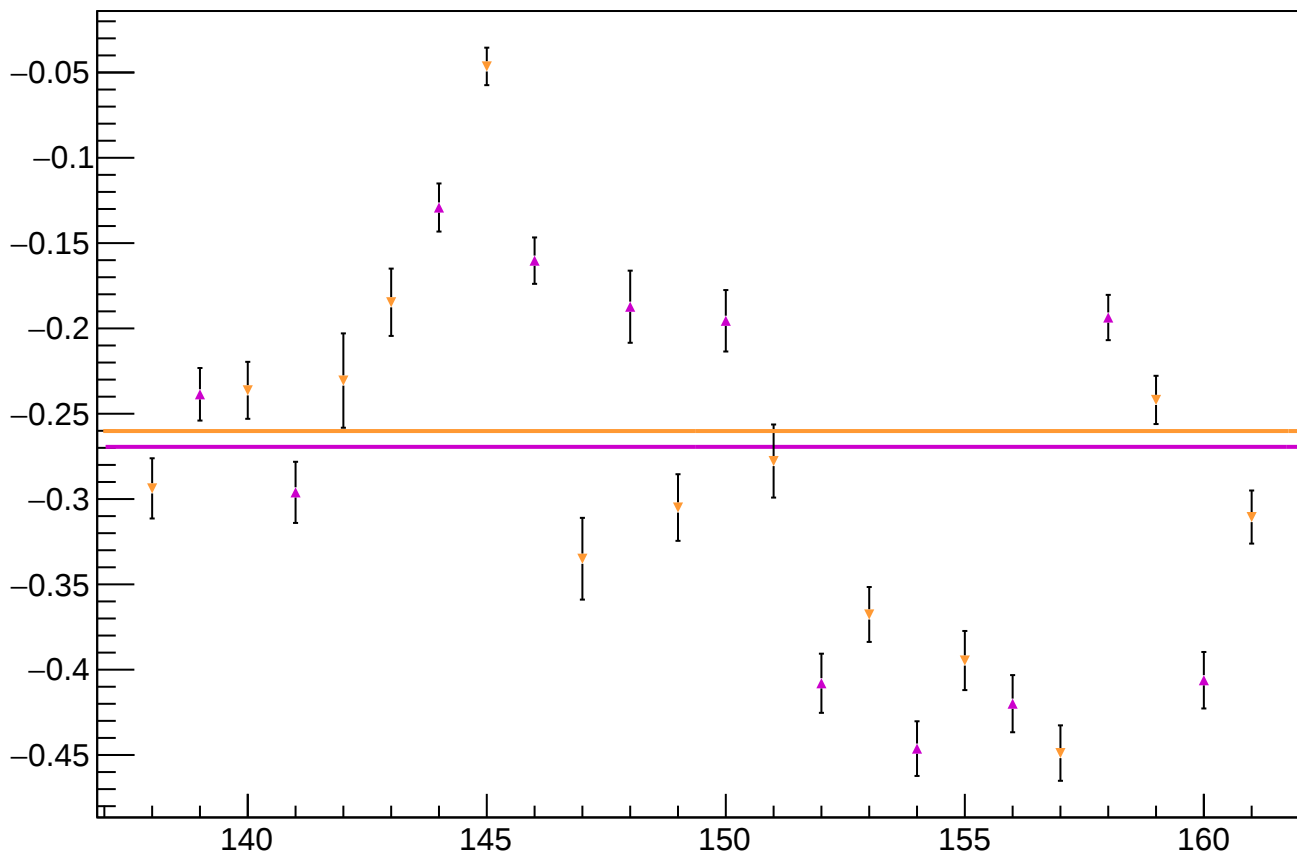
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 44.043+/-0.100 χ^2/NDF :2195.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.879+/-0.102 χ^2/NDF :2666.0/10

Left: 42.982+/-0.072 χ^2/NDF : 5090.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.879+/-0.102 χ^2/NDF :2666.0/10
 Out: 44.043+/-0.100 χ^2/NDF :2195.7/12
 All: 42.982+/-0.072 χ^2/NDF : 5090.5/23

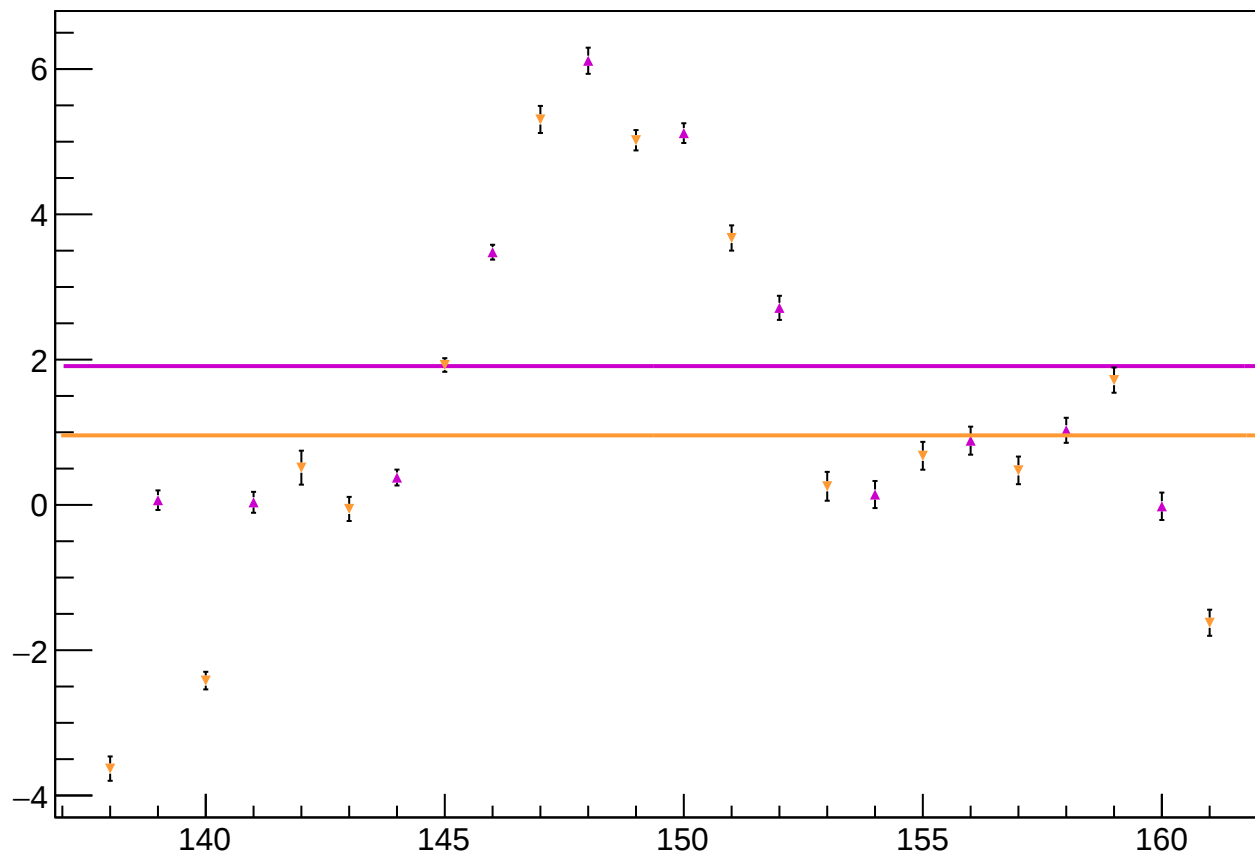
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.260+/-0.005 χ^2/NDF : 667.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.269+/-0.005 χ^2/NDF : 569.0/10

Left: -0.265+/-0.003 χ^2/NDF : 1238.6/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.269+/-0.005 χ^2/NDF : 569.0/10
 Out: -0.260+/-0.005 χ^2/NDF : 667.7/12
 All: -0.265+/-0.003 χ^2/NDF : 1238.6/23

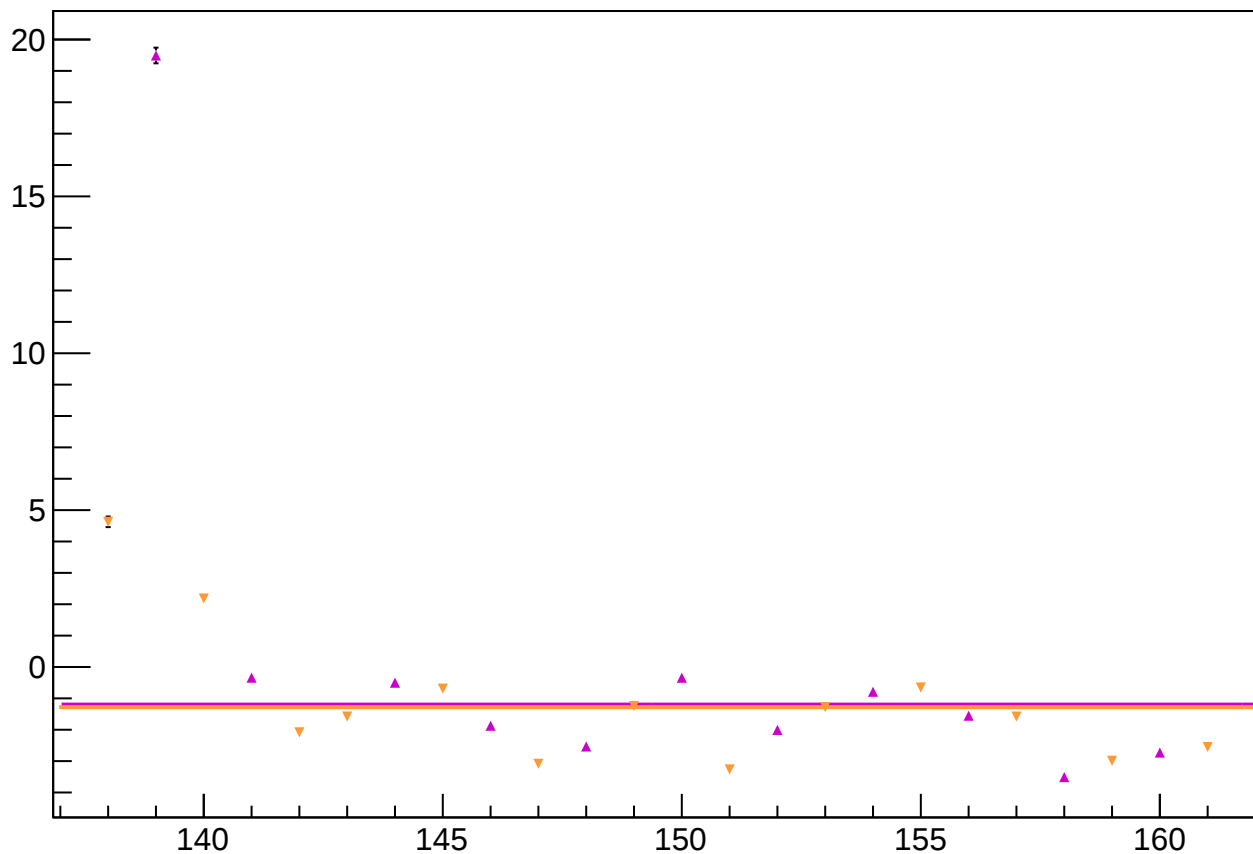
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.957+/-0.043 χ^2/NDF :3550.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.911+/-0.044 χ^2/NDF :2163.0/10

Left: 1.431+/-0.031 χ^2/NDF : 5951.9/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.911+/-0.044 χ^2/NDF :2163.0/10
 Out: 0.957+/-0.043 χ^2/NDF :3550.3/12
 All: 1.431+/-0.031 χ^2/NDF : 5951.9/23

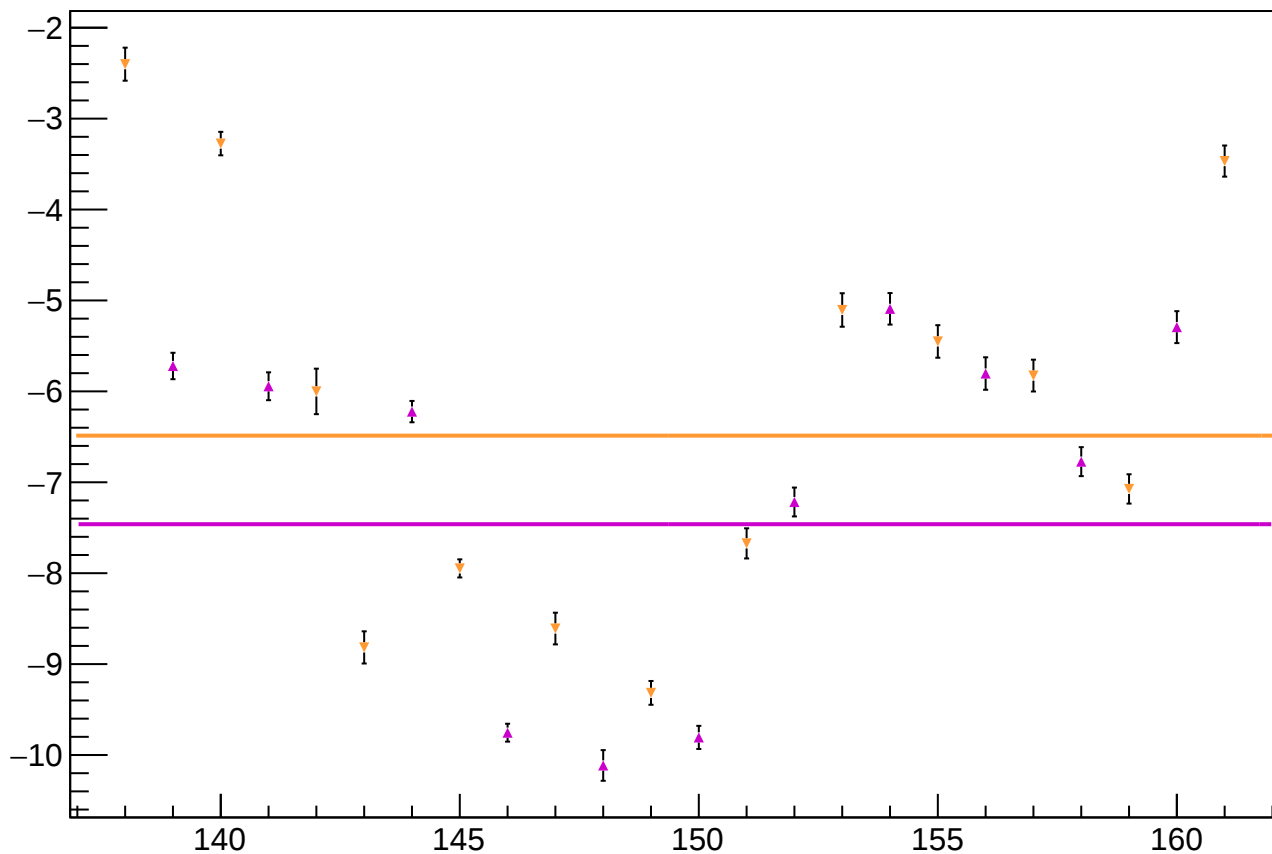
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.199+/-0.031 χ^2/NDF : 8044.2/10

Left: -1.240+/-0.022 χ^2/NDF : 11673.8/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.199+/-0.031 χ^2/NDF : 8044.2/10
 Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 All: -1.240+/-0.022 χ^2/NDF : 11673.8/23

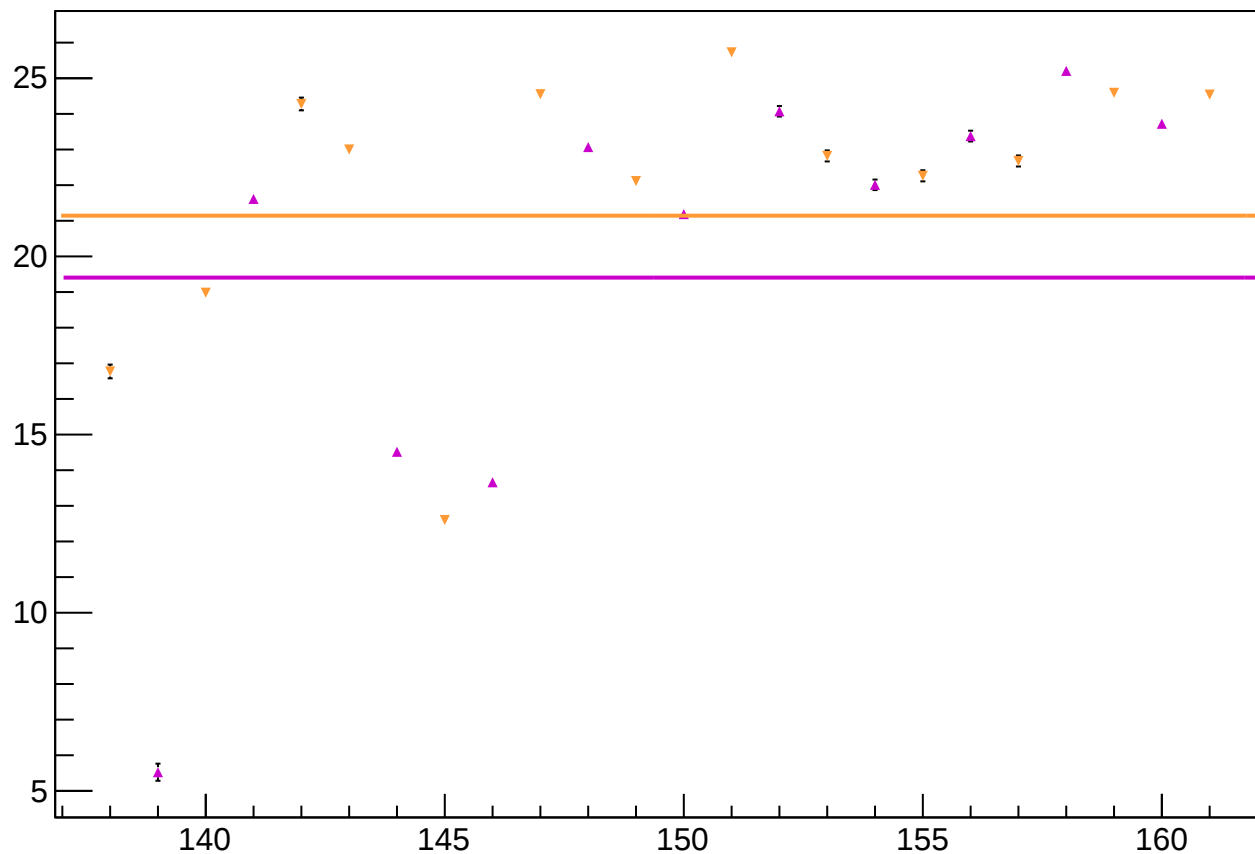
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.461+/-0.043 χ^2/NDF :1928.9/10

Left: -6.977+/-0.031 χ^2/NDF : 4796.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.461+/-0.043 χ^2/NDF :1928.9/10
 Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 All: -6.977+/-0.031 χ^2/NDF : 4796.0/23

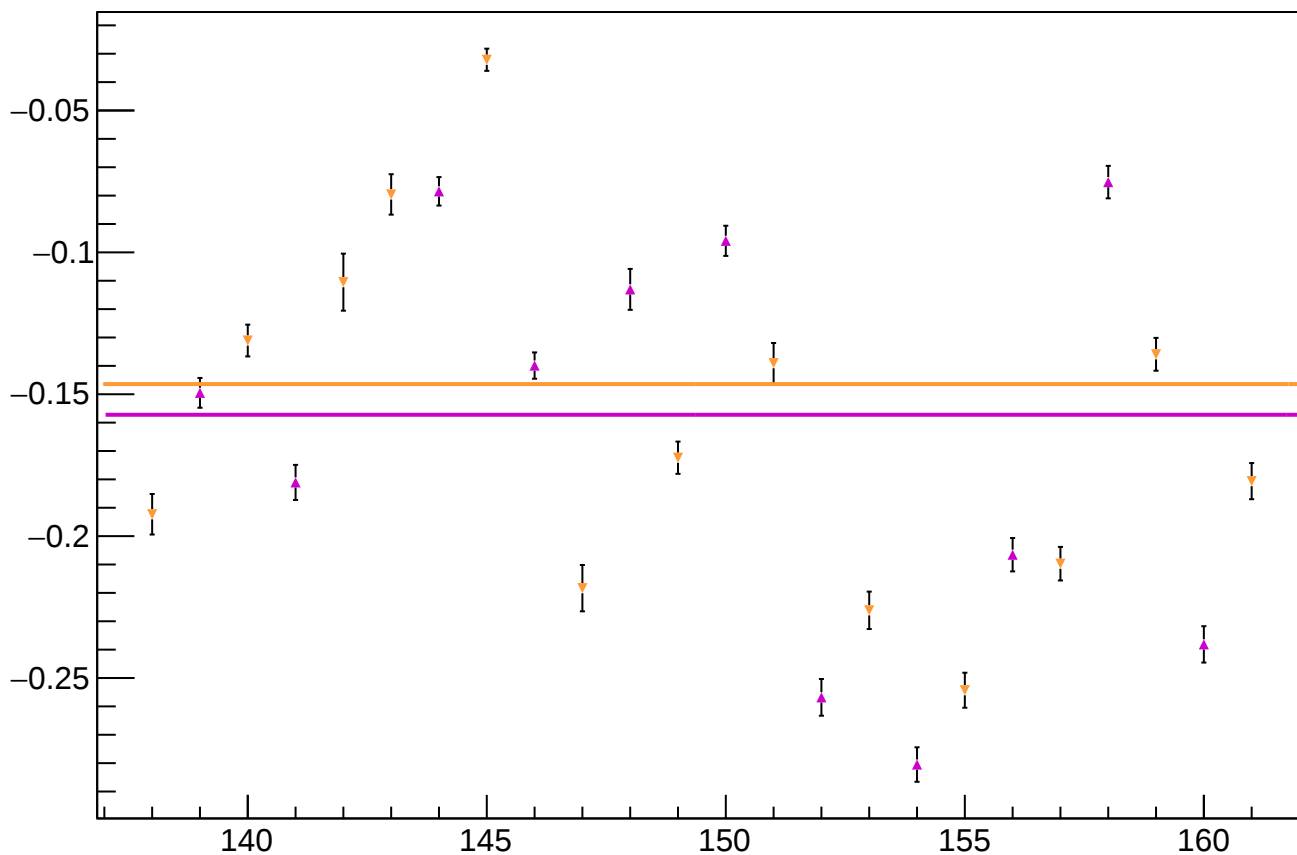
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.144+/-0.036 χ^2/NDF :14424.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.405+/-0.036 χ^2/NDF :17615.2/10

Left: 20.279+/-0.026 χ^2/NDF : 33184.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.405+/-0.036 χ^2/NDF :17615.2/10
 Out: 21.144+/-0.036 χ^2/NDF :14424.9/12
 All: 20.279+/-0.026 χ^2/NDF : 33184.0/23

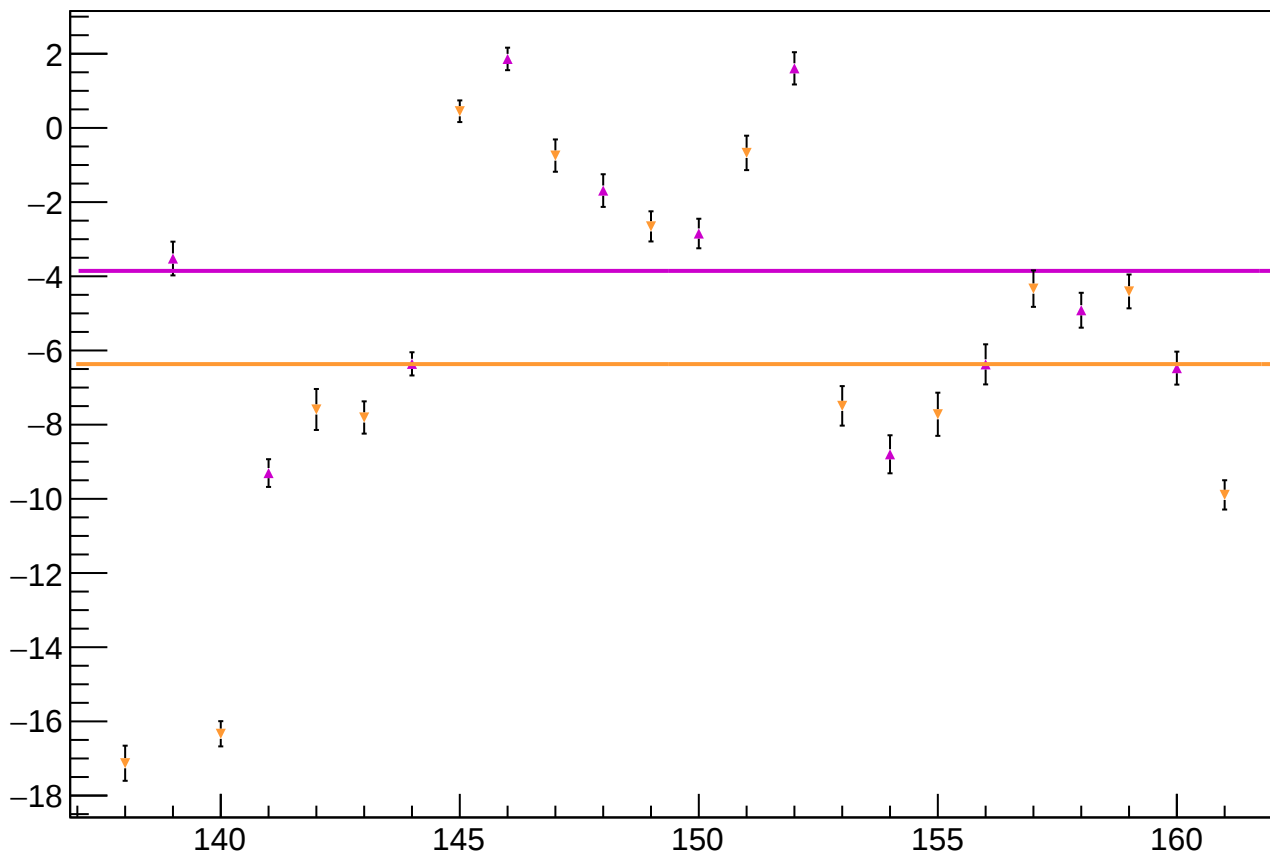
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.146+/-0.002 χ^2/NDF :1703.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.157+/-0.002 χ^2/NDF :1530.6/10

Left: -0.152+/-0.001 χ^2/NDF : 3254.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.157+/-0.002 χ^2/NDF :1530.6/10
 Out: -0.146+/-0.002 χ^2/NDF :1703.4/12
 All: -0.152+/-0.001 χ^2/NDF : 3254.0/23

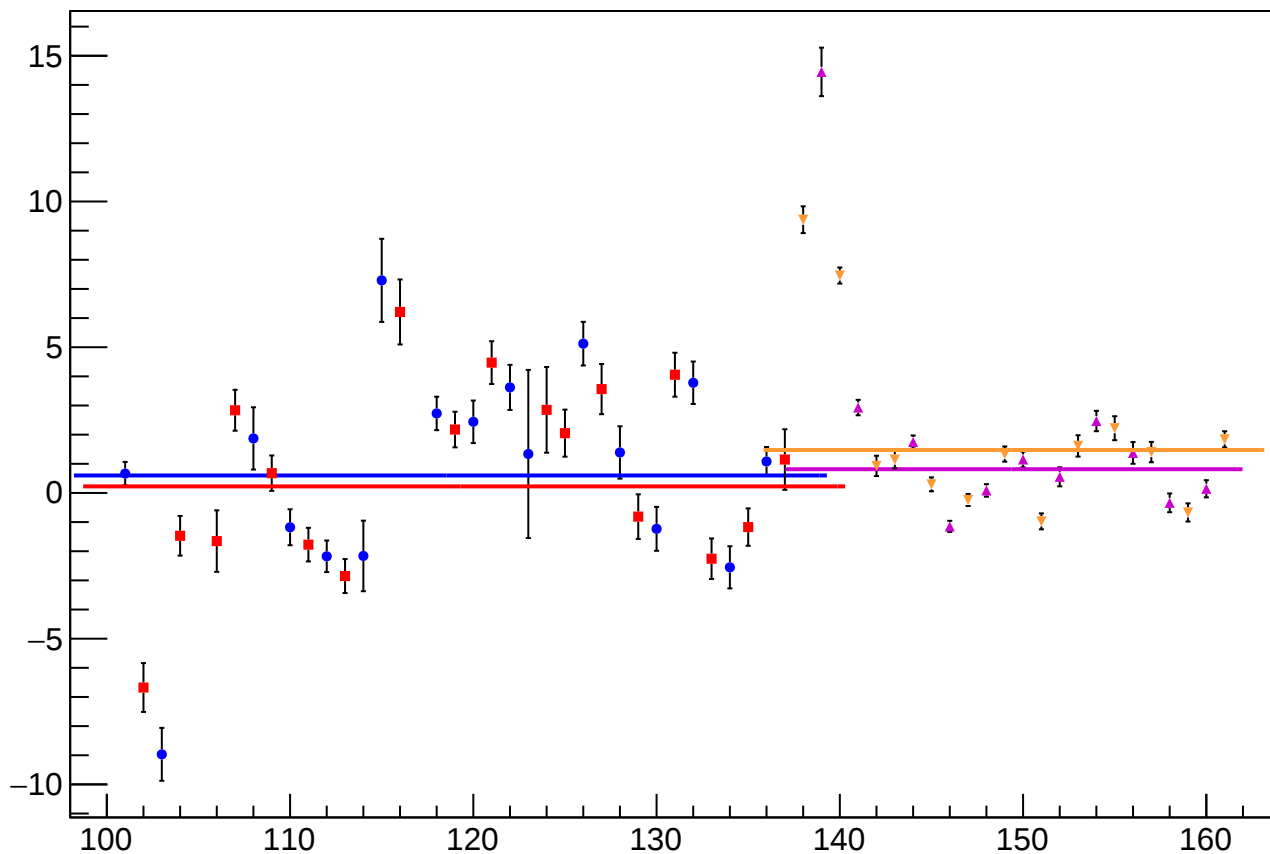
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -6.367 $\pm$ 0.119 χ^2/NDF :2462.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -3.854 $\pm$ 0.123 χ^2/NDF :974.7/10

Left: -5.153 $\pm$ 0.085 χ^2/NDF : 3654.4/23
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -3.854 $\pm$ 0.123 χ^2/NDF :974.7/10
 Out: -6.367 $\pm$ 0.119 χ^2/NDF :2462.4/12
 All: -5.153 $\pm$ 0.085 χ^2/NDF : 3654.4/23

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 1.473 ± 0.081 $\chi^2/\text{NDF}: 994.7/12$

Right Out: 0.225 ± 0.175 $\chi^2/\text{NDF}: 273.2/17$

Left In: 0.814 ± 0.083 $\chi^2/\text{NDF}: 511.8/10$

Left: 1.151 ± 0.058 $\chi^2/\text{NDF}: 1538.5/23$

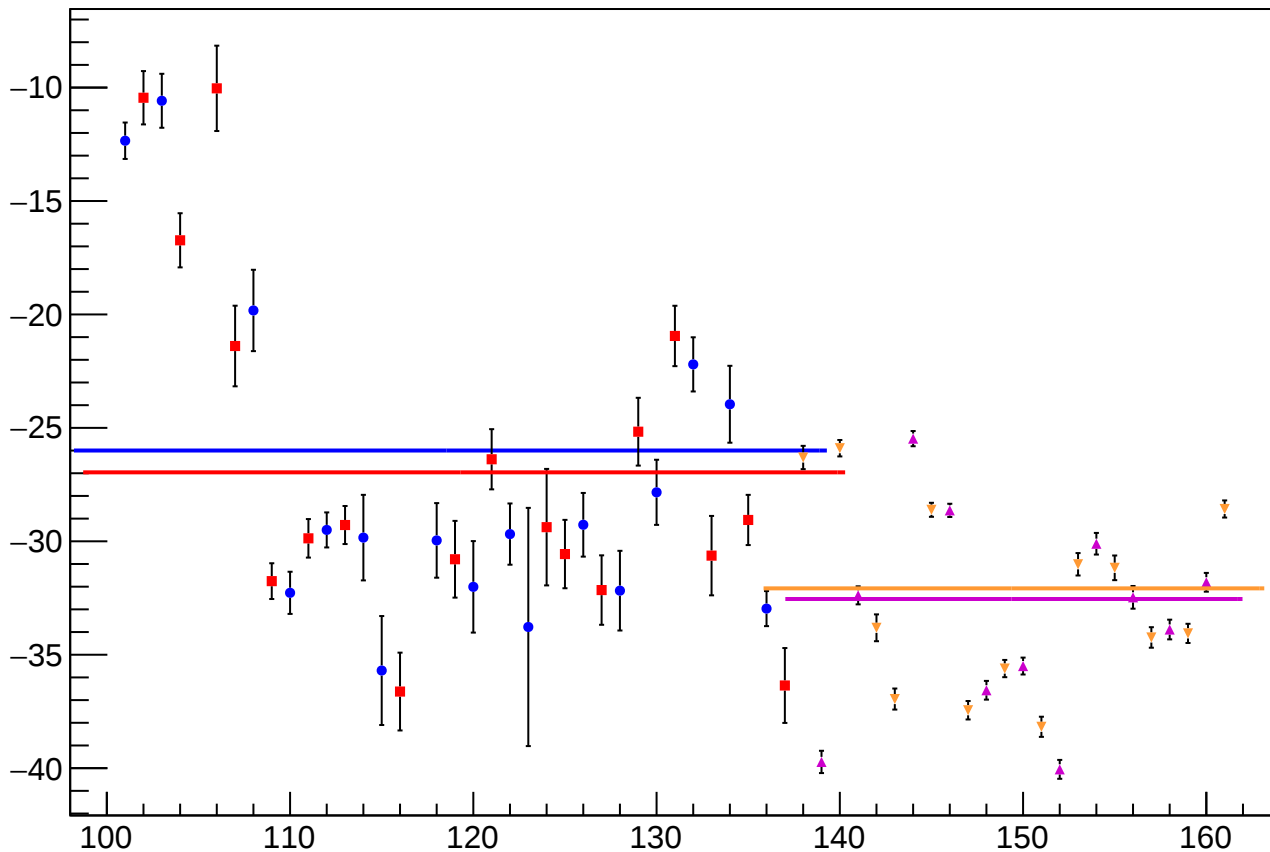
Right: 0.418 ± 0.122 $\chi^2/\text{NDF}: 567.5/34$

In: 0.773 ± 0.075 $\chi^2/\text{NDF}: 805.0/27$

Out: 1.251 ± 0.074 $\chi^2/\text{NDF}: 1309.8/30$

All: 1.015 ± 0.052 $\chi^2/\text{NDF}: 2135.5/58$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.075 ± 0.118 χ^2/NDF : 1250.1/12

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.543 ± 0.120 χ^2/NDF : 1360.1/10

Left: -32.304 ± 0.084 χ^2/NDF : 2617.9/23

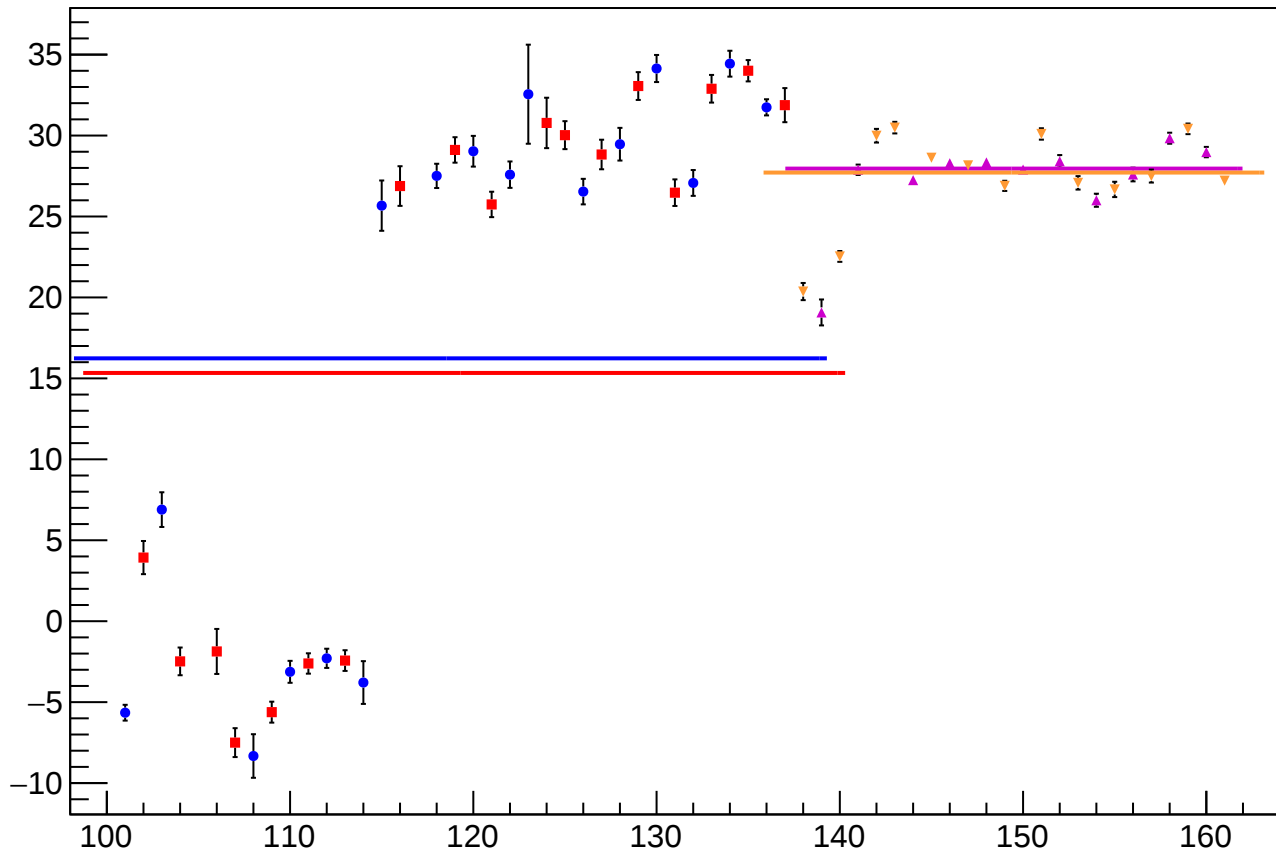
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.642 ± 0.111 χ^2/NDF : 2462.8/27

Out: -31.387 ± 0.109 χ^2/NDF : 2040.0/30

All: -31.512 ± 0.078 χ^2/NDF : 4505.5/58

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: 27.714 $\pm$ 0.097 χ^2 /NDF:666.0/12

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.958 $\pm$ 0.099 χ^2 /NDF:199.9/10

Left: 27.833 $\pm$ 0.069 χ^2 /NDF: 868.9/23

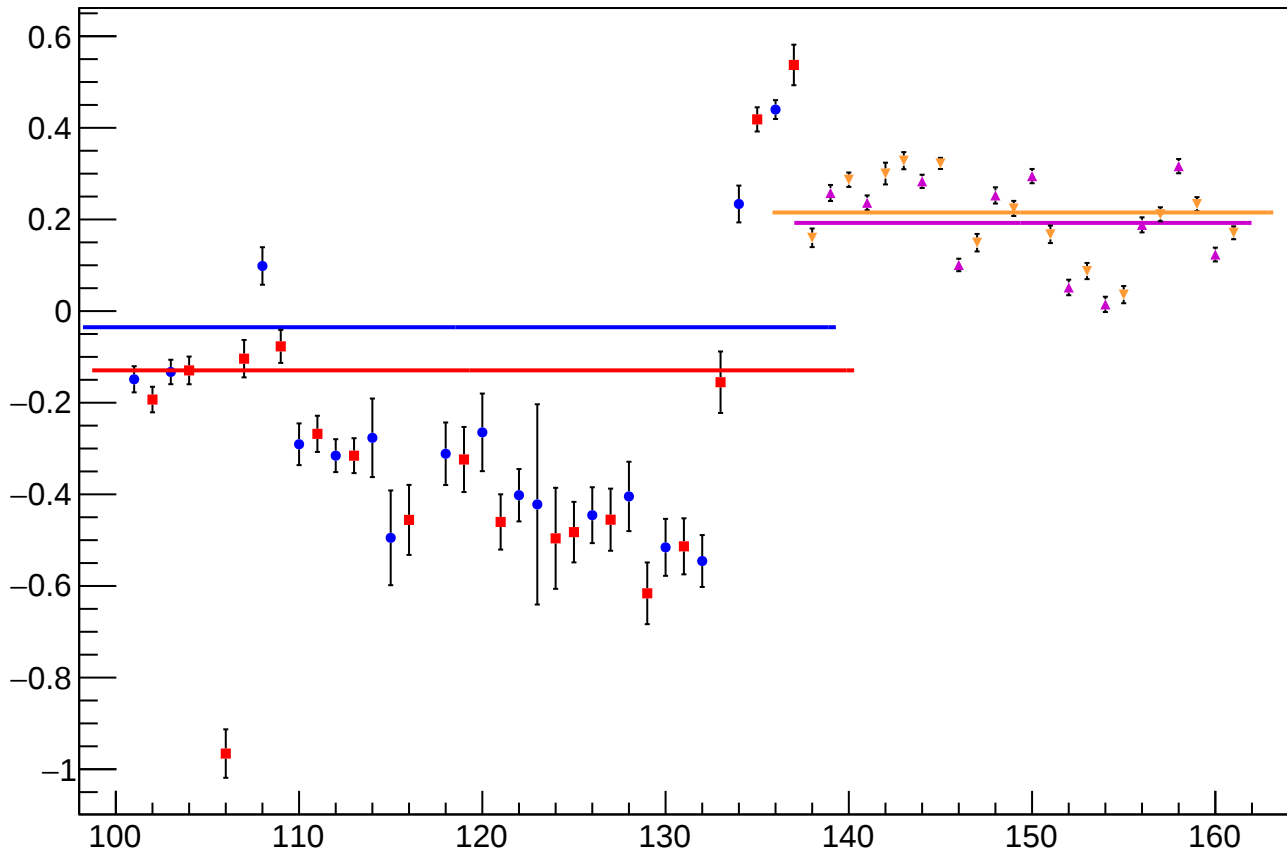
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.471 $\pm$ 0.088 χ^2 /NDF:10734.5/27

Out: 25.310 $\pm$ 0.087 χ^2 /NDF:11102.4/30

All: 25.389 $\pm$ 0.062 χ^2 /NDF: 21838.6/58

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: 0.215 ± 0.005 χ^2/NDF : 328.7/12

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.193 ± 0.005 χ^2/NDF : 426.5/10

Left: 0.204 ± 0.003 χ^2/NDF : 766.9/23

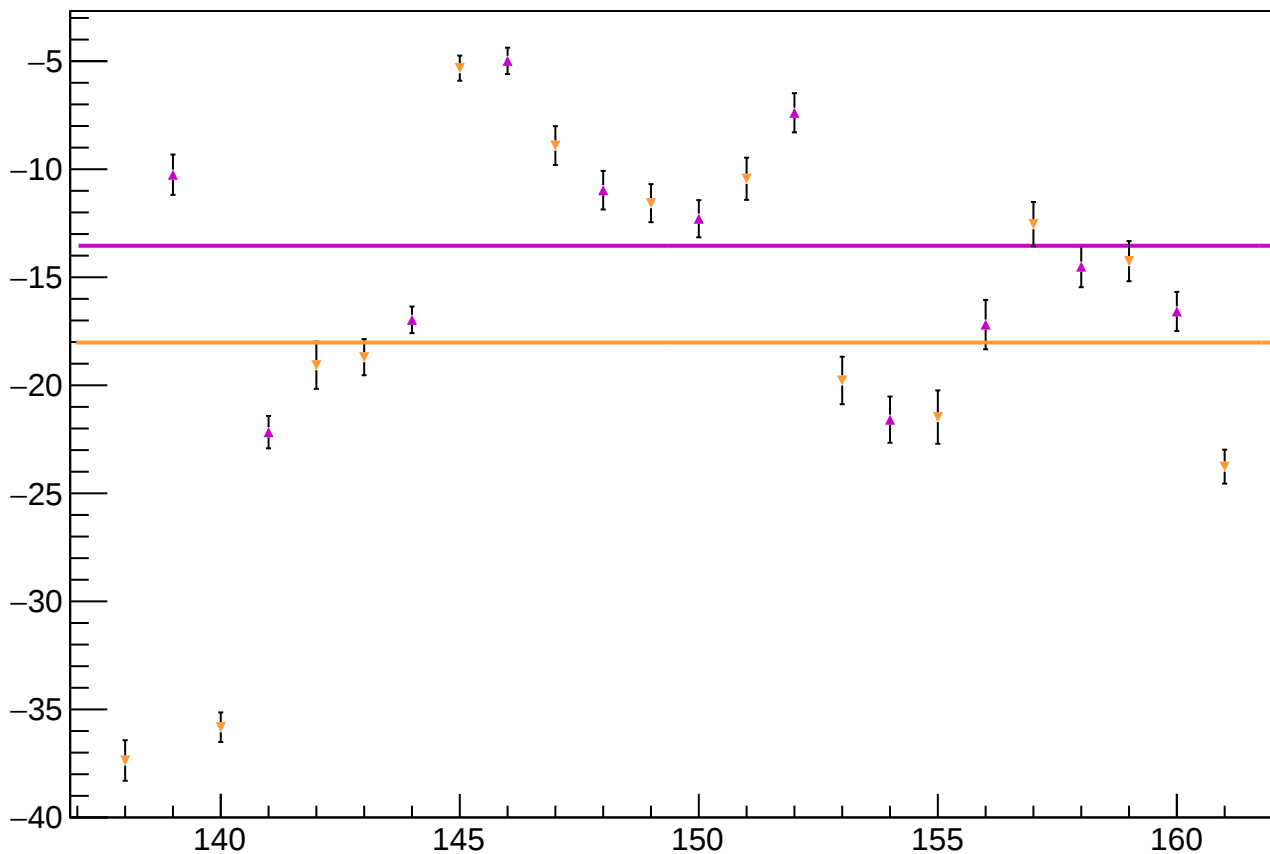
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.152 ± 0.004 χ^2/NDF : 1840.9/27

Out: 0.158 ± 0.004 χ^2/NDF : 2408.3/30

All: 0.155 ± 0.003 χ^2/NDF : 4250.2/58

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected

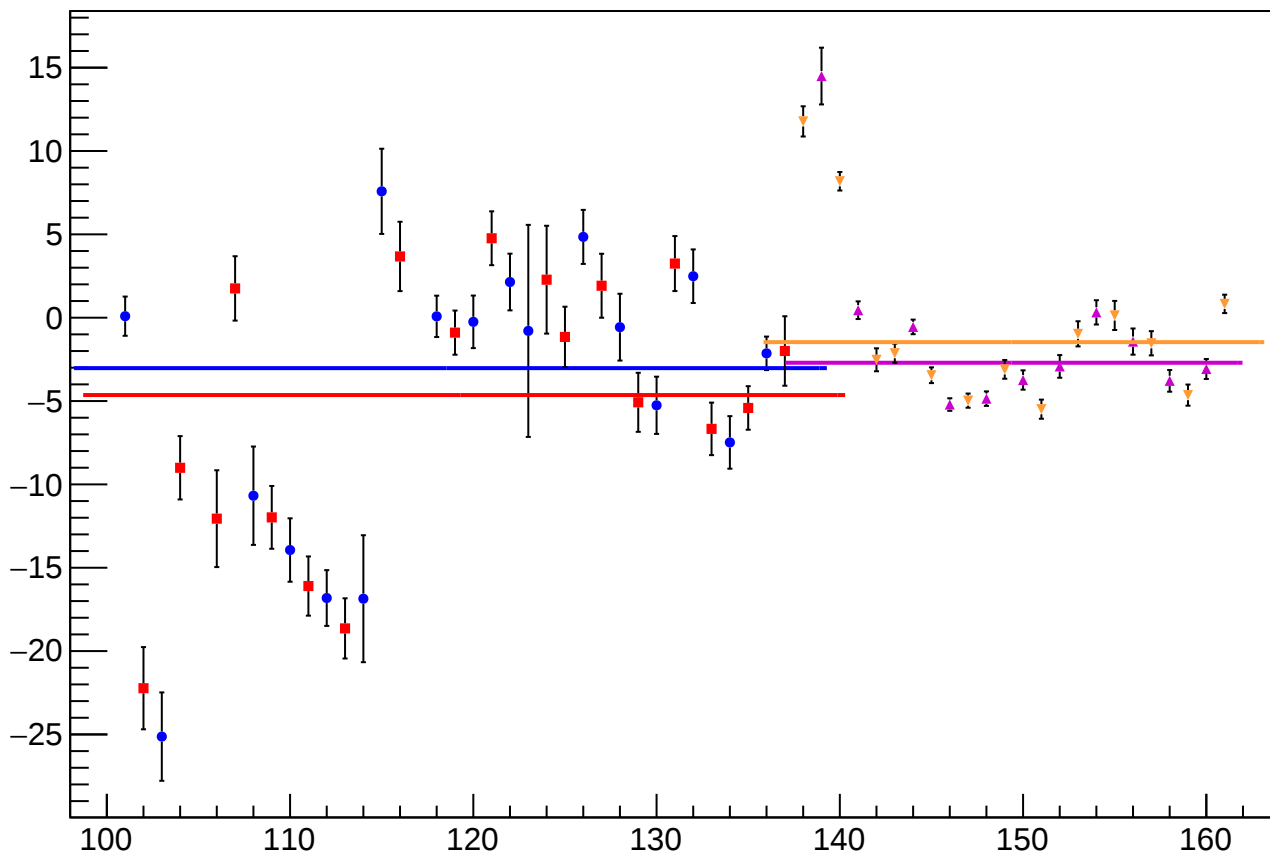


Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -18.021 ± 0.240 $\chi^2/\text{NDF}: 1904.4/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -13.542 ± 0.250 $\chi^2/\text{NDF}: 508.5/10$

Left: -15.864 ± 0.173 $\chi^2/\text{NDF}: 2579.9/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -13.542 ± 0.250 $\chi^2/\text{NDF}: 508.5/10$
 Out: -18.021 ± 0.240 $\chi^2/\text{NDF}: 1904.4/12$

All: -15.864 ± 0.173 $\chi^2/\text{NDF}: 2579.9/23$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -2.073 ± 0.118 $\chi^2/\text{NDF}: 992.4/23$

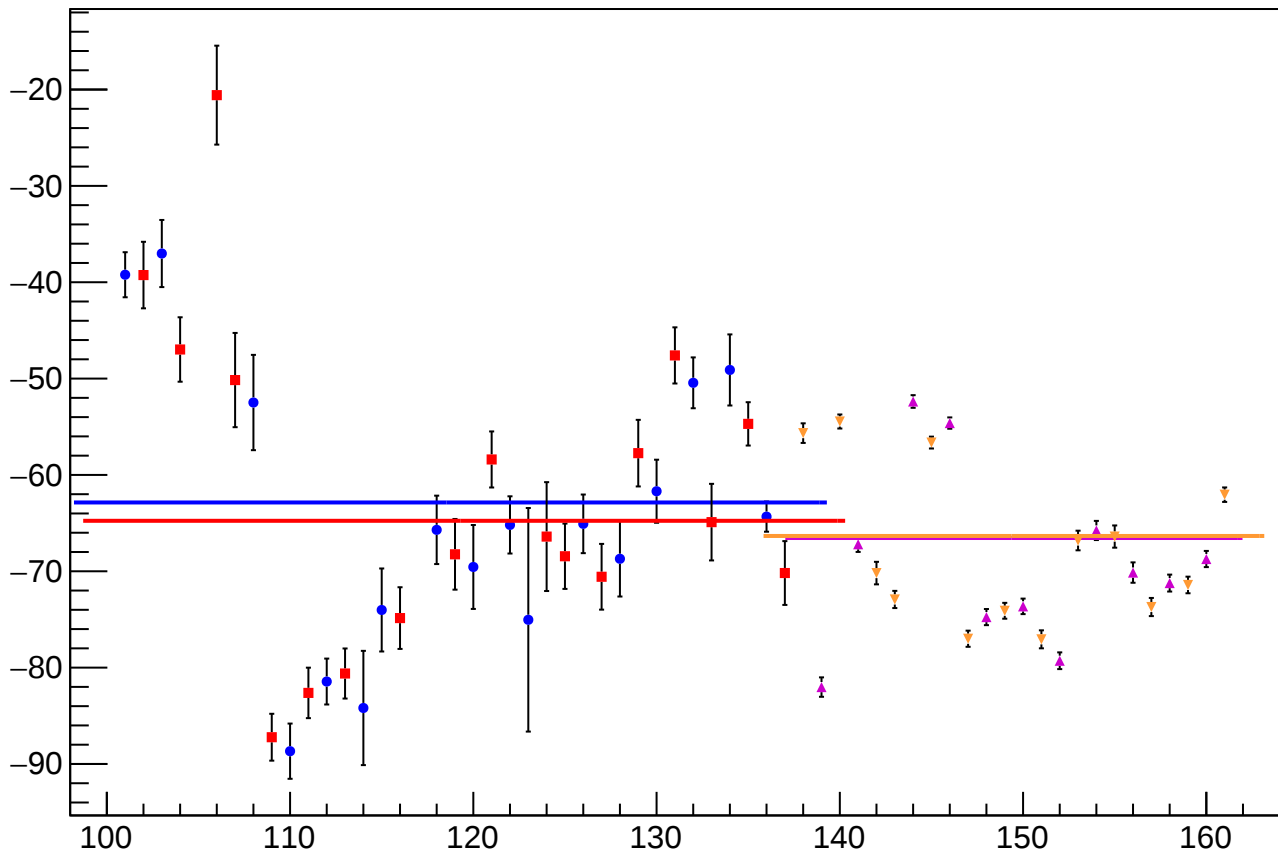
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: -2.749 ± 0.156 $\chi^2/\text{NDF}: 537.6/27$

Out: -1.881 ± 0.154 $\chi^2/\text{NDF}: 1051.5/30$

All: -2.311 ± 0.110 $\chi^2/\text{NDF}: 1604.8/58$

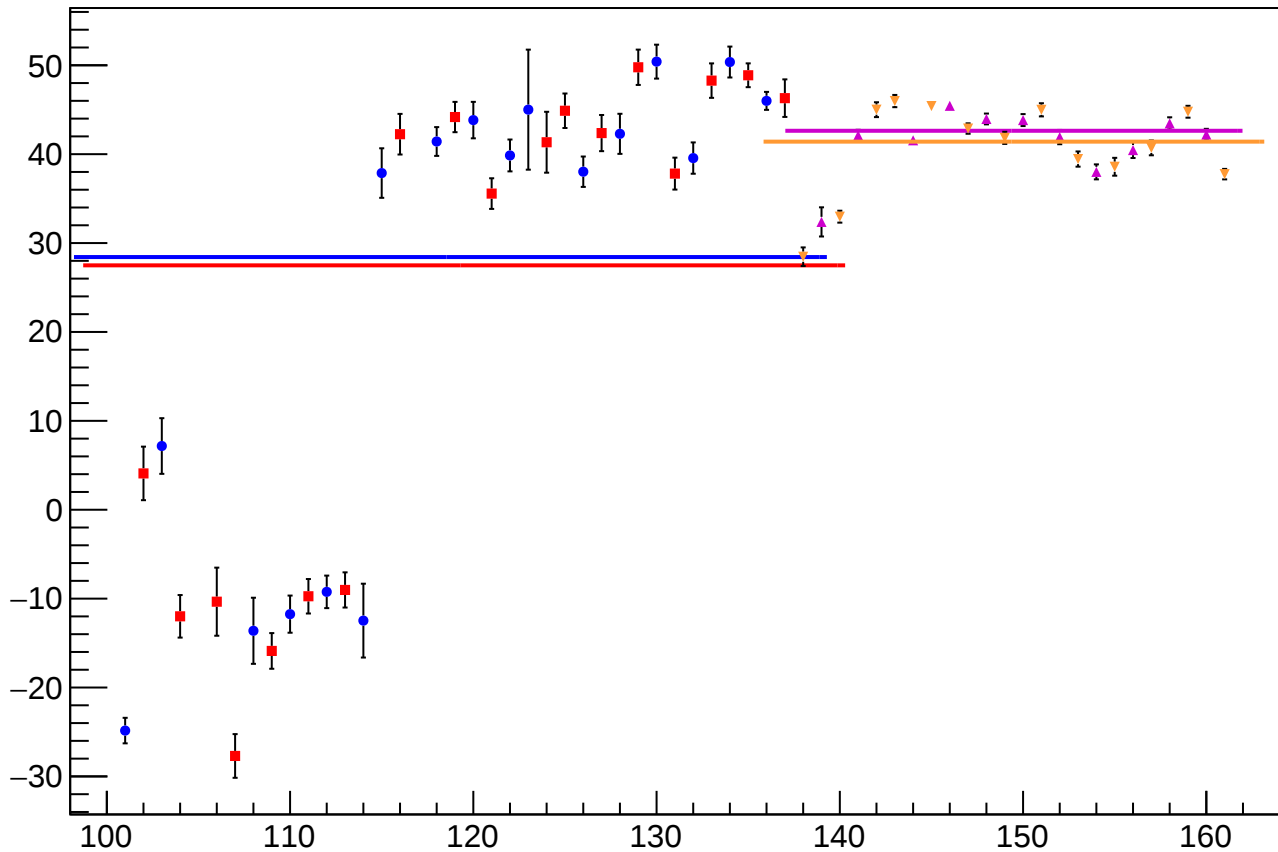
reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16
 Left Out: -66.335 $\pm$ 0.239 χ^2 /NDF:1199.5/12
 Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17
 Left In: -66.547 $\pm$ 0.245 χ^2 /NDF:1550.2/10

Left: -66.438 $\pm$ 0.171 χ^2 /NDF: 2750.0/23
 Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34
 In: -66.182 $\pm$ 0.232 χ^2 /NDF:1940.3/27
 Out: -66.191 $\pm$ 0.228 χ^2 /NDF:1619.6/30
 All: -66.186 $\pm$ 0.163 χ^2 /NDF: 3559.9/58

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 $\chi^2/\text{NDF}: 3322.4/16$

Left Out: 41.410 ± 0.197 $\chi^2/\text{NDF}: 534.7/12$

Right Out: 27.493 ± 0.479 $\chi^2/\text{NDF}: 3027.8/17$

Left In: 42.631 ± 0.202 $\chi^2/\text{NDF}: 125.4/10$

Left: 42.005 ± 0.141 $\chi^2/\text{NDF}: 678.9/23$

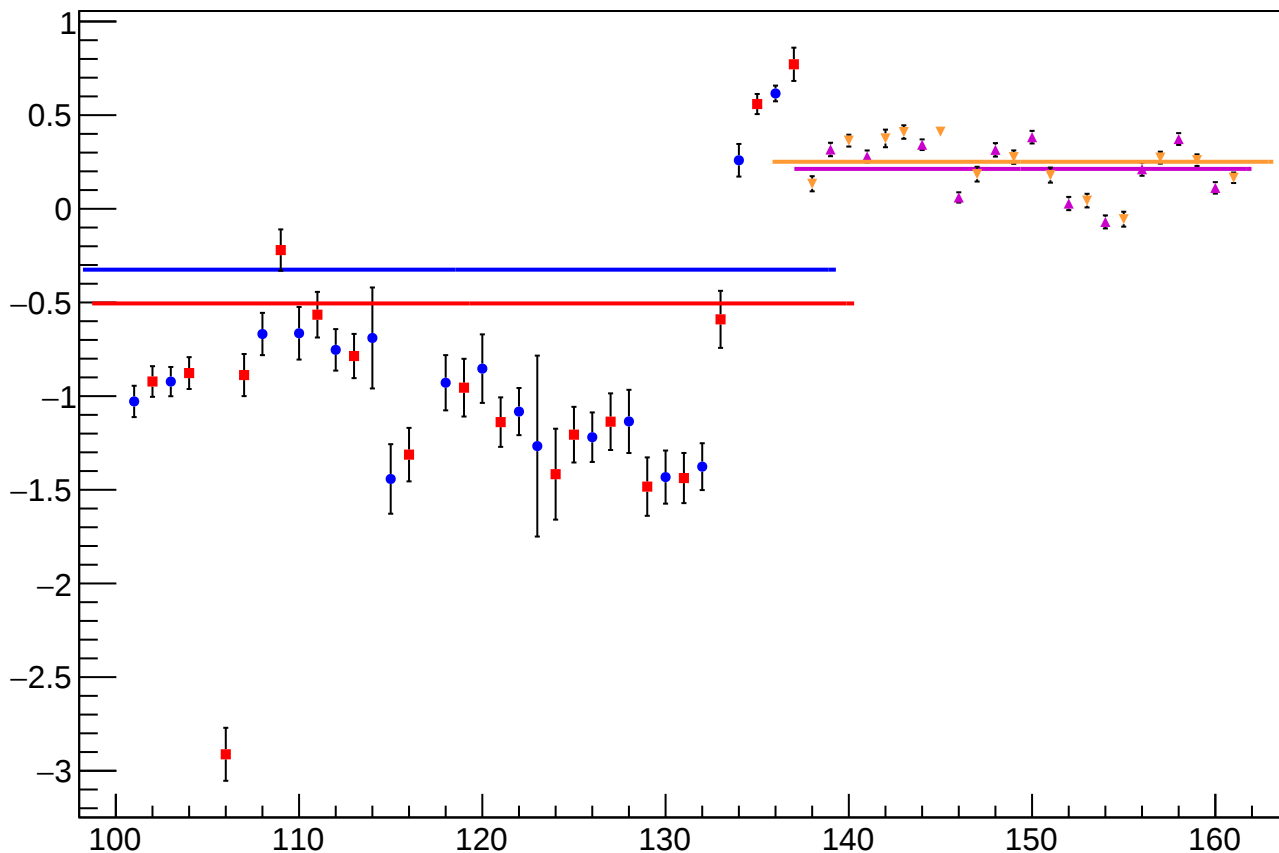
Right: 27.980 ± 0.331 $\chi^2/\text{NDF}: 6352.1/34$

In: 40.319 ± 0.185 $\chi^2/\text{NDF}: 4254.0/27$

Out: 39.399 ± 0.182 $\chi^2/\text{NDF}: 4285.4/30$

All: 39.852 ± 0.130 $\chi^2/\text{NDF}: 8552.1/58$

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: 0.251 ± 0.009 χ^2/NDF : 199.3/12

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.213 ± 0.010 χ^2/NDF : 226.9/10

Left: 0.233 ± 0.007 χ^2/NDF : 434.1/23

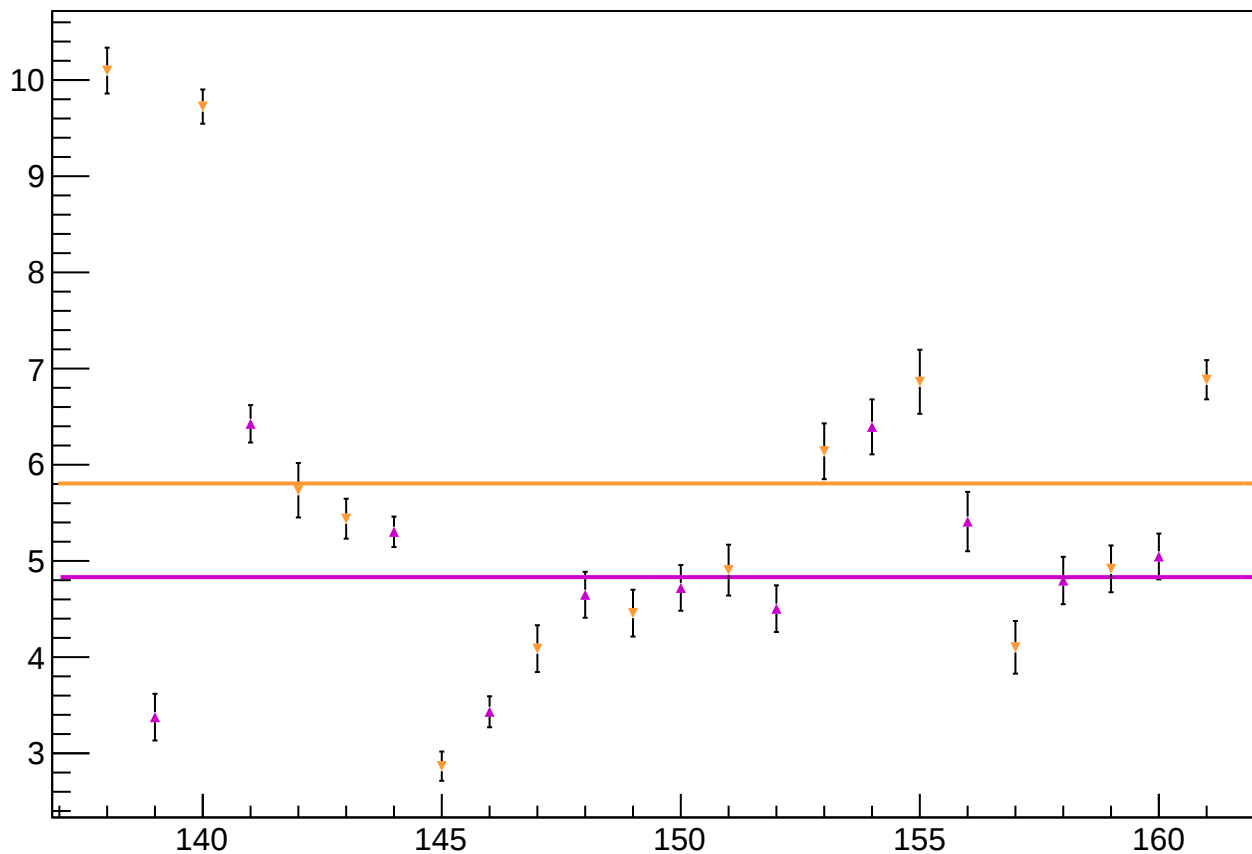
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.141 ± 0.009 χ^2/NDF : 1642.6/27

Out: 0.162 ± 0.009 χ^2/NDF : 2122.4/30

All: 0.152 ± 0.006 χ^2/NDF : 3767.6/58

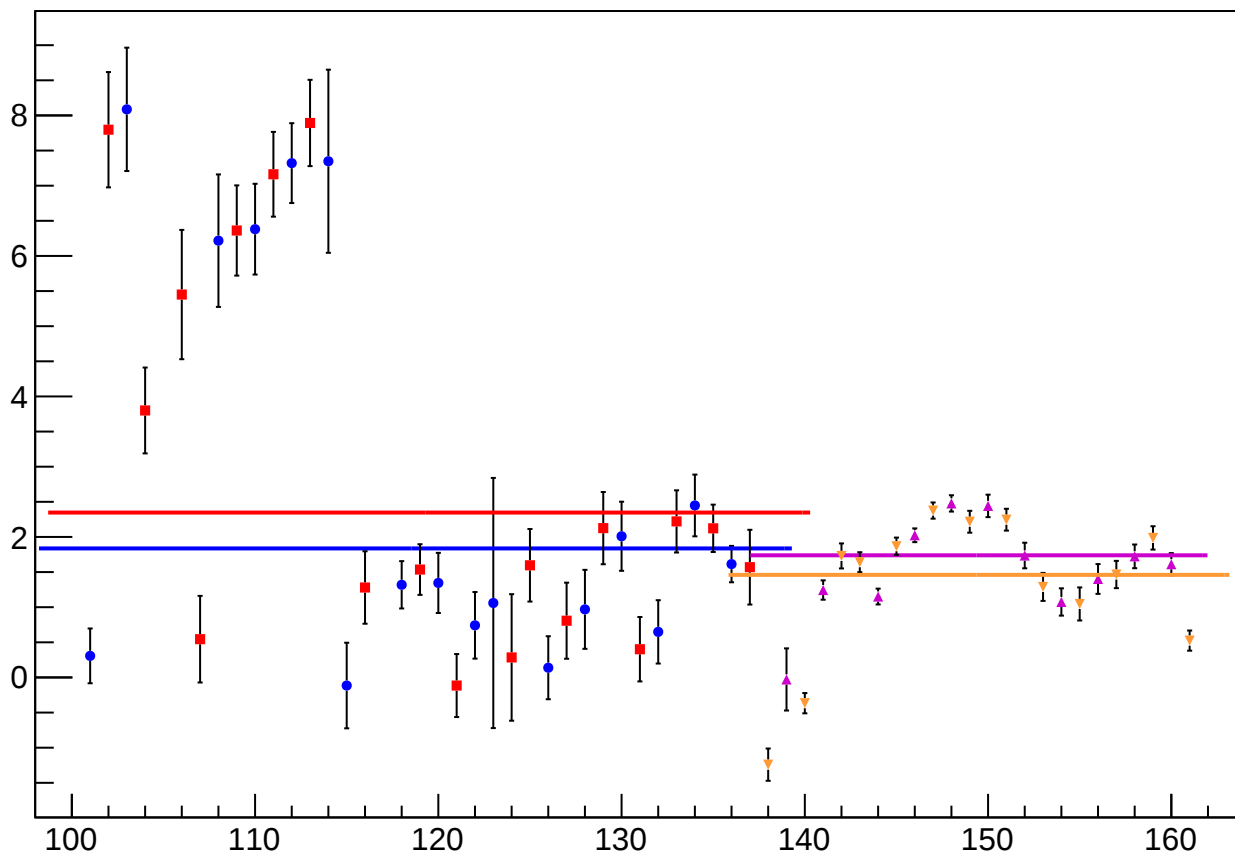
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.832 $\pm$ 0.066 χ^2 /NDF:224.4/10

Left: 5.339 $\pm$ 0.046 χ^2 /NDF: 1707.1/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.832 $\pm$ 0.066 χ^2 /NDF:224.4/10
 Out: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 All: 5.339 $\pm$ 0.046 χ^2 /NDF: 1707.1/23

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.460 $\pm$ 0.044 χ^2 /NDF: 482.4/12

Right Out: 2.347 $\pm$ 0.123 χ^2 /NDF: 329.8/17

Left In: 1.739 $\pm$ 0.044 χ^2 /NDF: 139.1/10

Left: 1.597 $\pm$ 0.031 χ^2 /NDF: 641.6/23

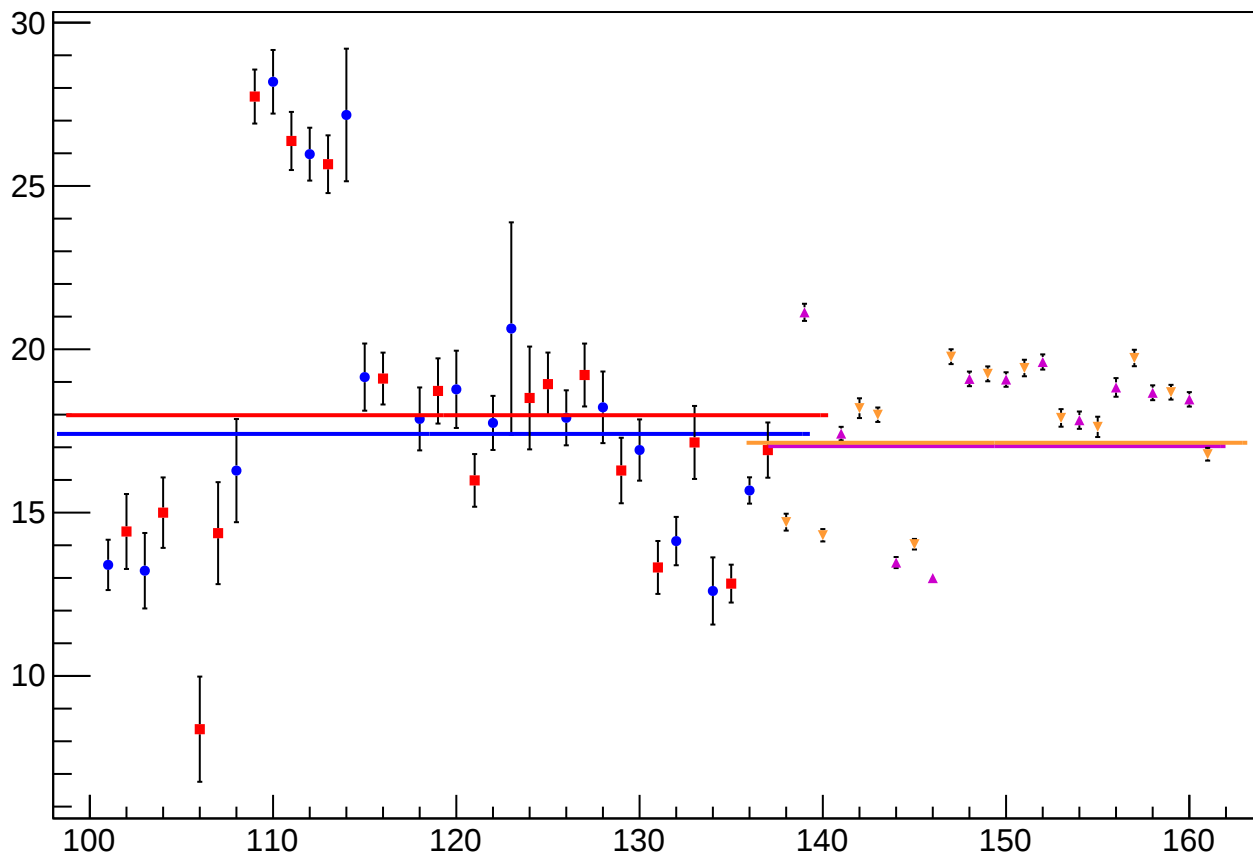
Right: 2.078 $\pm$ 0.084 χ^2 /NDF: 633.0/34

In: 1.751 $\pm$ 0.041 χ^2 /NDF: 433.8/27

Out: 1.560 $\pm$ 0.041 χ^2 /NDF: 858.7/30

All: 1.654 $\pm$ 0.029 χ^2 /NDF: 1303.3/58

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 17.138 $\pm$ 0.063 χ^2 /NDF:1176.9/12

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 17.035 $\pm$ 0.065 χ^2 /NDF:1803.9/10

Left: 17.088 $\pm$ 0.045 χ^2 /NDF: 2982.0/23

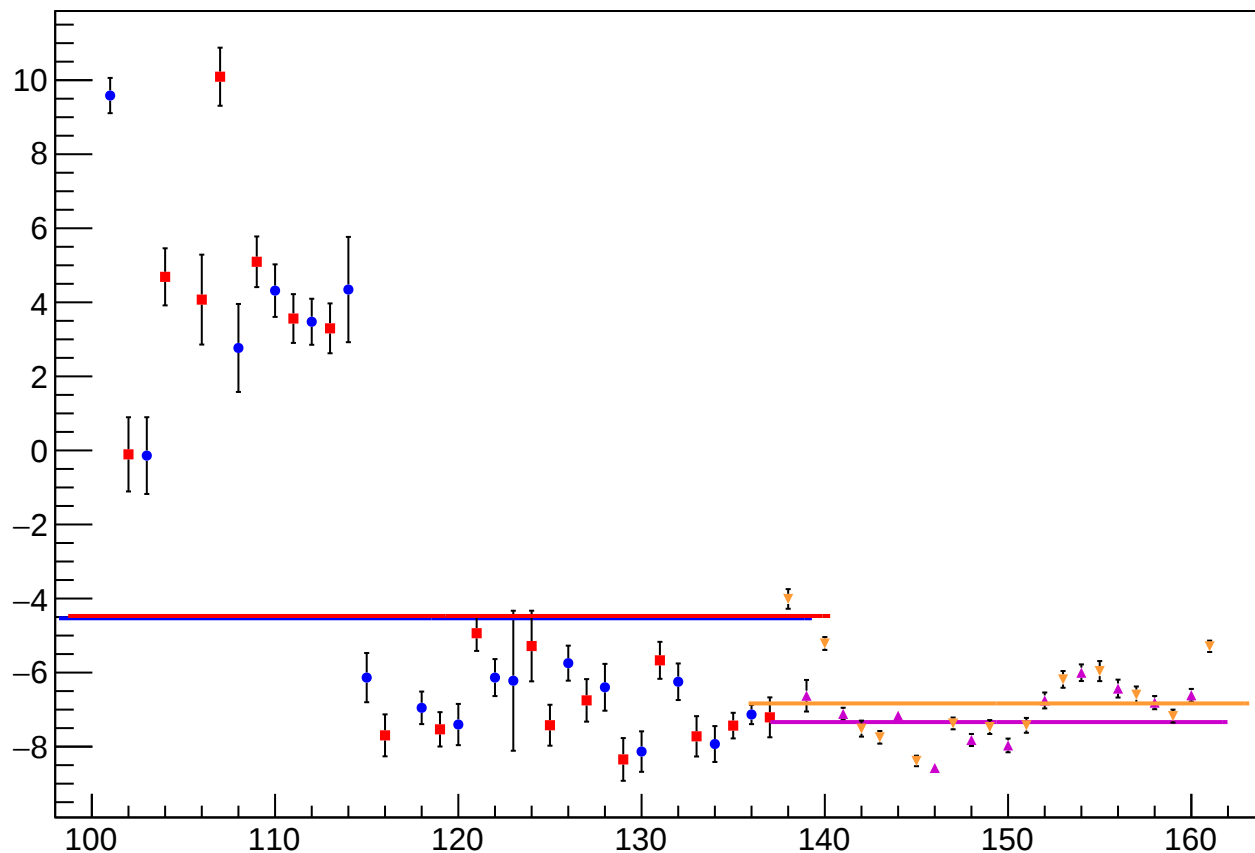
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 17.067 $\pm$ 0.062 χ^2 /NDF:2171.8/27

Out: 17.203 $\pm$ 0.060 χ^2 /NDF:1681.2/30

All: 17.136 $\pm$ 0.043 χ^2 /NDF: 3855.5/58

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: -6.833 ± 0.052 χ^2/NDF : 513.9/12

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.337 ± 0.053 χ^2/NDF : 209.3/10

Left: -7.078 ± 0.037 χ^2/NDF : 769.2/23

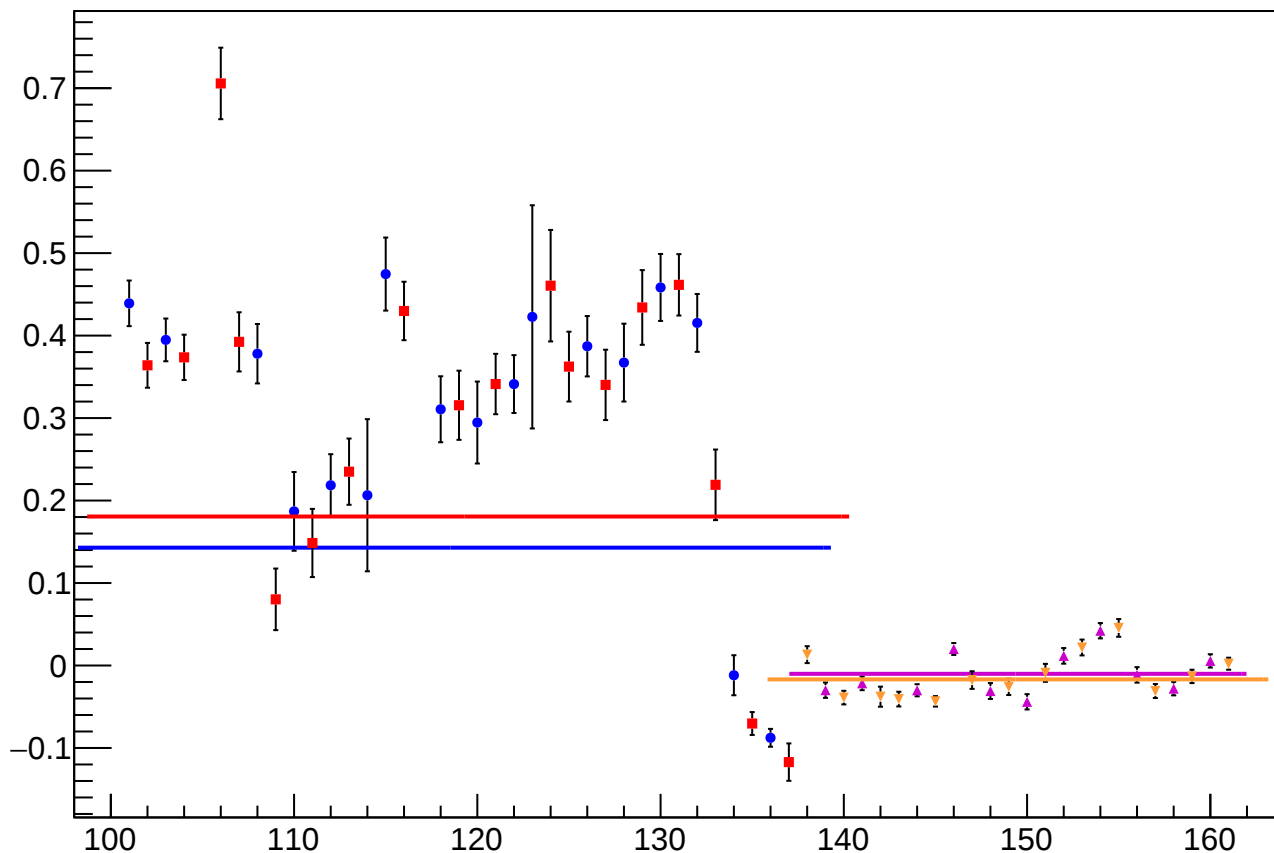
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.933 ± 0.049 χ^2/NDF : 2197.9/27

Out: -6.538 ± 0.048 χ^2/NDF : 2113.6/30

All: -6.732 ± 0.035 χ^2/NDF : 4344.2/58

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: -0.017 ± 0.002 $\chi^2/\text{NDF}: 104.3/12$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 94.5/10$

Left: -0.014 ± 0.002 $\chi^2/\text{NDF}: 202.4/23$

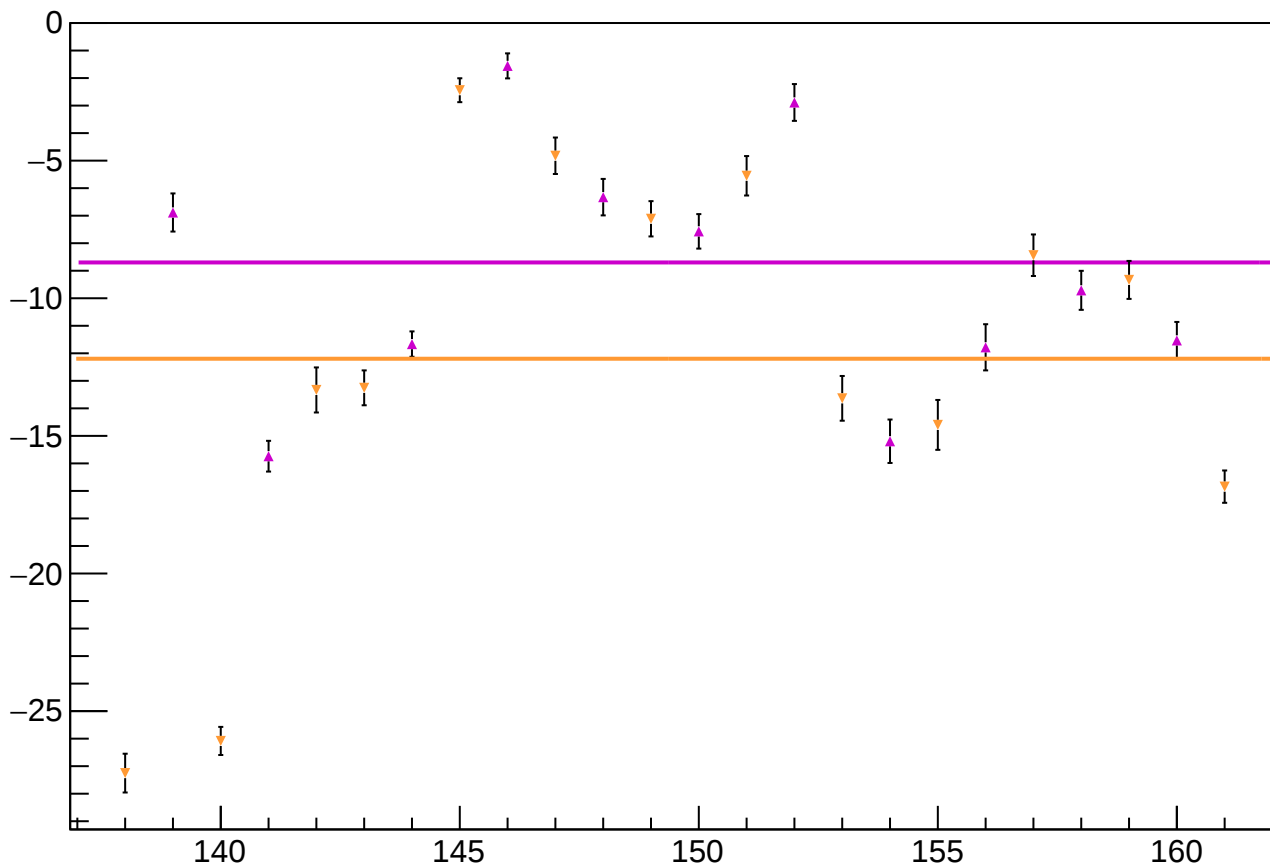
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.008 ± 0.002 $\chi^2/\text{NDF}: 1568.0/27$

Out: 0.003 ± 0.002 $\chi^2/\text{NDF}: 1748.0/30$

All: 0.005 ± 0.002 $\chi^2/\text{NDF}: 3318.1/58$

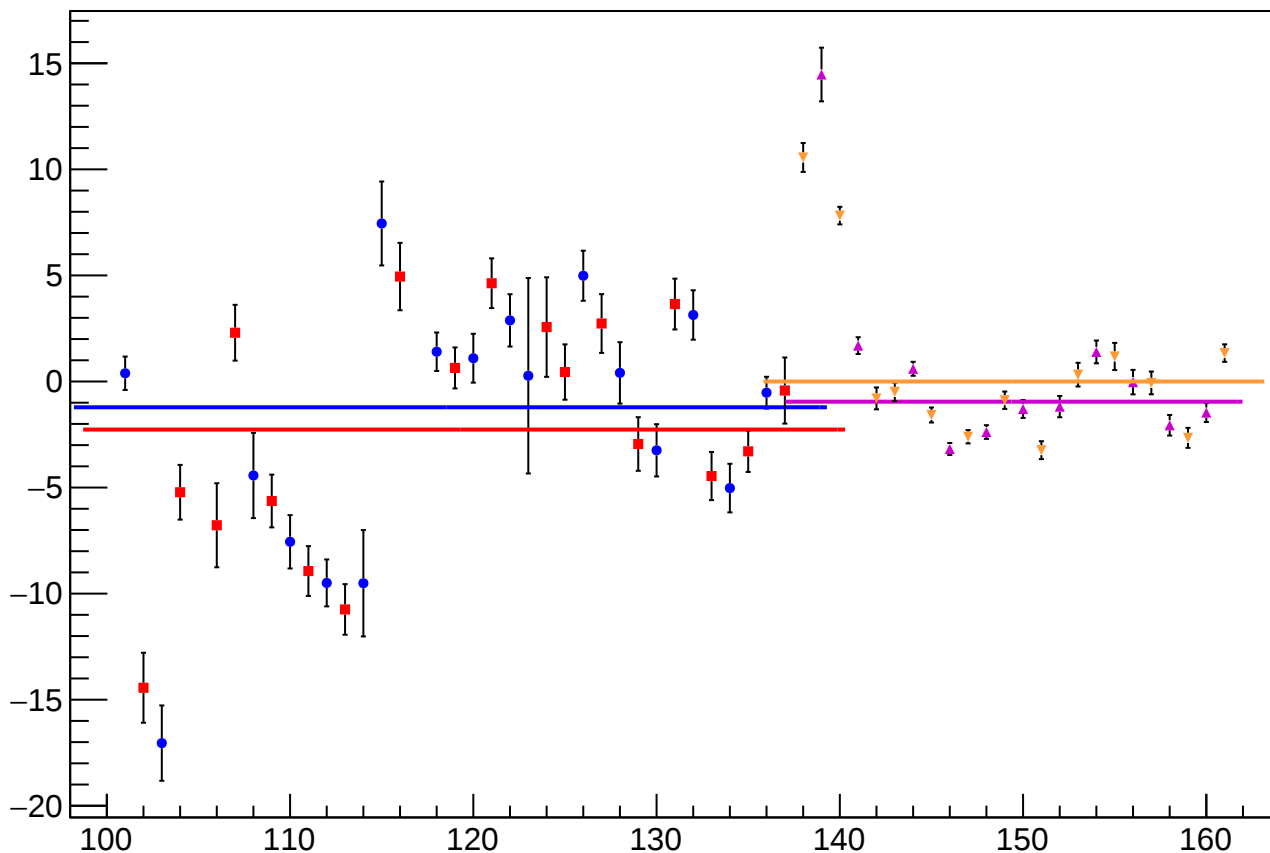
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.197+/-0.179 χ^2/NDF :2093.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.699+/-0.185 χ^2/NDF :646.9/10

Left: -10.510+/-0.129 χ^2/NDF : 2925.0/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.699+/-0.185 χ^2/NDF :646.9/10
 Out: -12.197+/-0.179 χ^2/NDF :2093.5/12
 All: -10.510+/-0.129 χ^2/NDF : 2925.0/23

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: -0.002 ± 0.123 χ^2/NDF : 798.7/12

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.952 ± 0.125 χ^2/NDF : 326.4/10

Left: -0.467 ± 0.088 χ^2/NDF : 1154.5/23

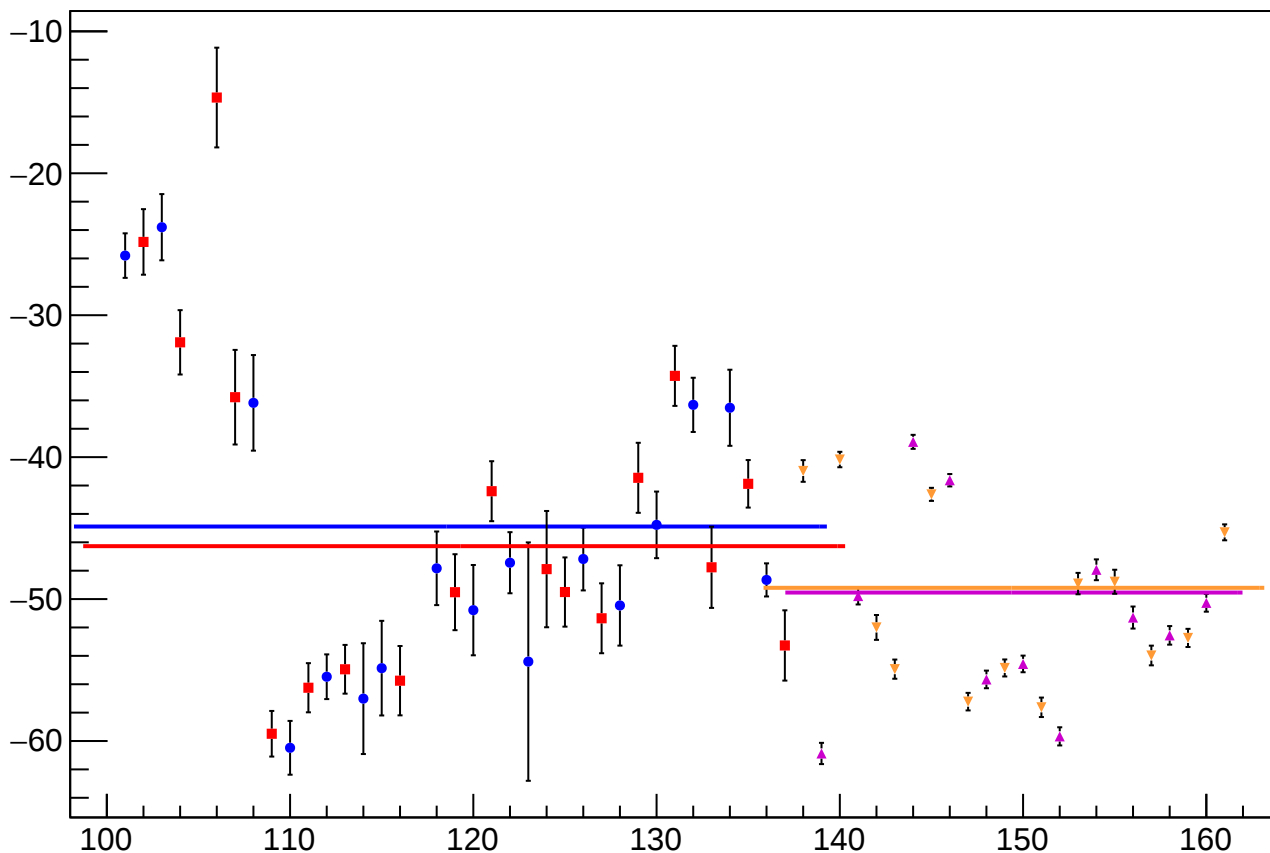
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.993 ± 0.115 χ^2/NDF : 605.8/27

Out: -0.322 ± 0.114 χ^2/NDF : 1130.8/30

All: -0.654 ± 0.081 χ^2/NDF : 1753.8/58

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

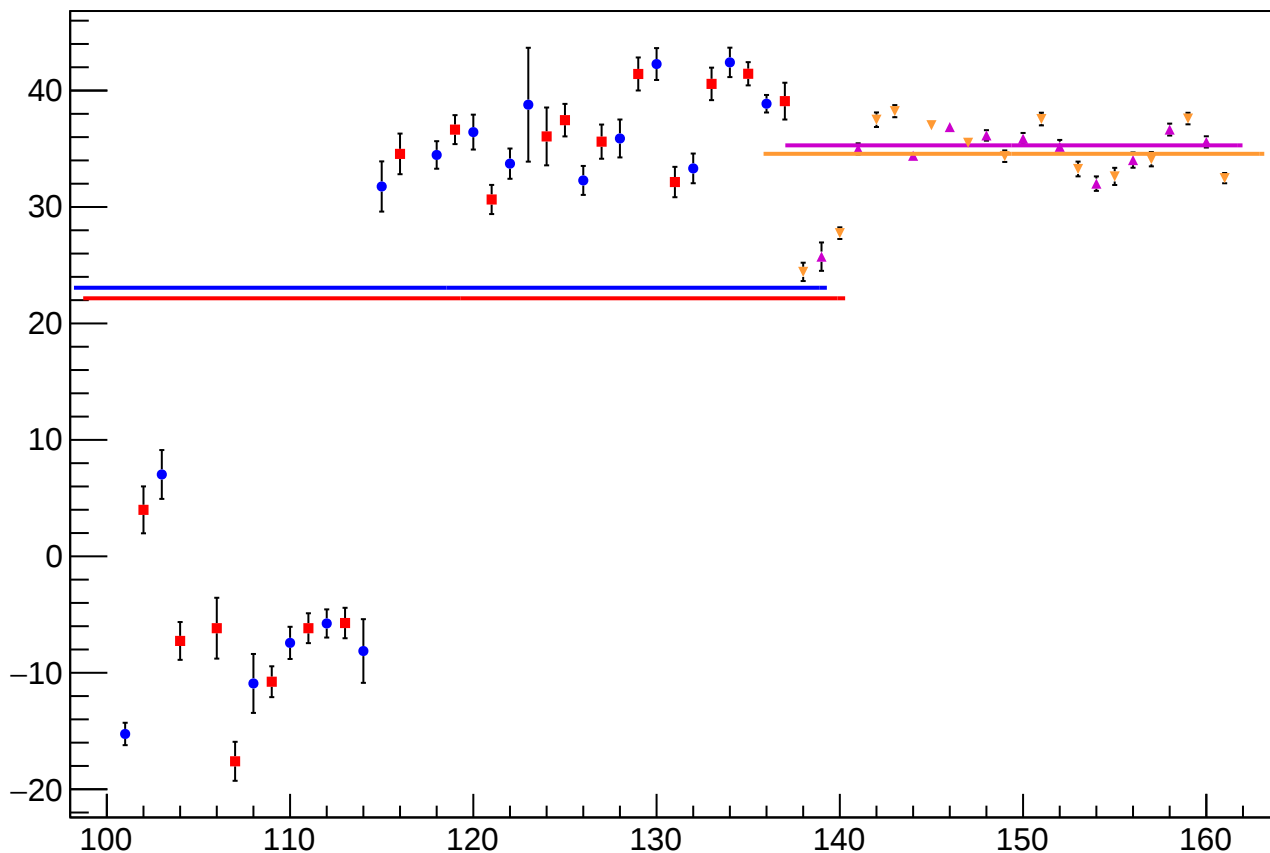


Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -49.206 ± 0.178 $\chi^2/\text{NDF}: 1213.1/12$
 Right Out: -46.272 ± 0.530 $\chi^2/\text{NDF}: 420.5/17$
 Left In: -49.540 ± 0.182 $\chi^2/\text{NDF}: 1474.6/10$

Left: -49.370 ± 0.127 $\chi^2/\text{NDF}: 2689.4/23$
 Right: -45.572 ± 0.372 $\chi^2/\text{NDF}: 844.4/34$
 In: -49.040 ± 0.172 $\chi^2/\text{NDF}: 1965.5/27$
 Out: -48.910 ± 0.168 $\chi^2/\text{NDF}: 1661.3/30$

All: -48.974 ± 0.120 $\chi^2/\text{NDF}: 3627.1/58$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.567 $\pm$ 0.146 χ^2 /NDF:565.0/12

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.293 $\pm$ 0.150 χ^2 /NDF:130.7/10

Left: 34.921 $\pm$ 0.105 χ^2 /NDF: 707.7/23

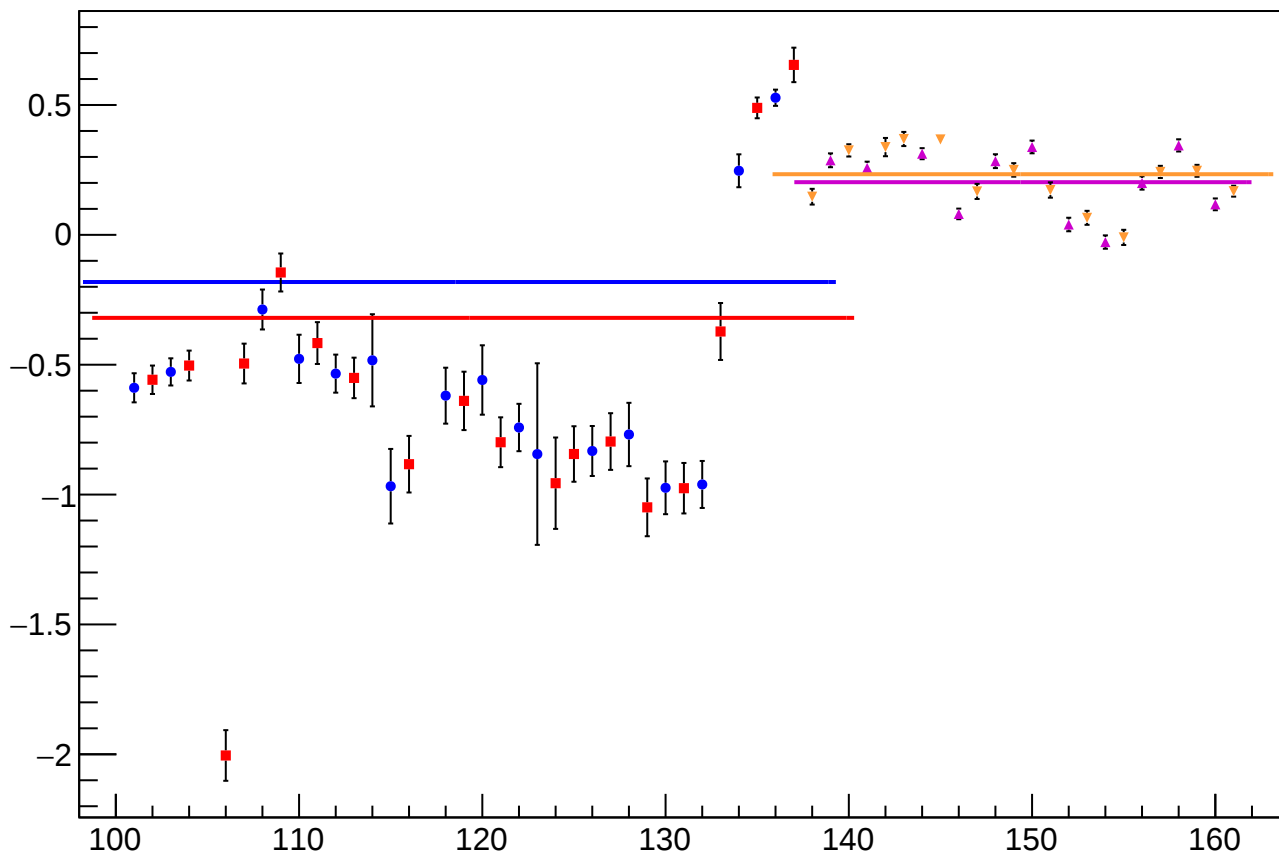
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 33.164 $\pm$ 0.136 χ^2 /NDF:5622.1/27

Out: 32.631 $\pm$ 0.134 χ^2 /NDF:5714.5/30

All: 32.894 $\pm$ 0.096 χ^2 /NDF: 11344.3/58

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: 0.233 ± 0.007 χ^2/NDF : 239.6/12

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.203 ± 0.007 χ^2/NDF : 287.0/10

Left: 0.219 ± 0.005 χ^2/NDF : 535.9/23

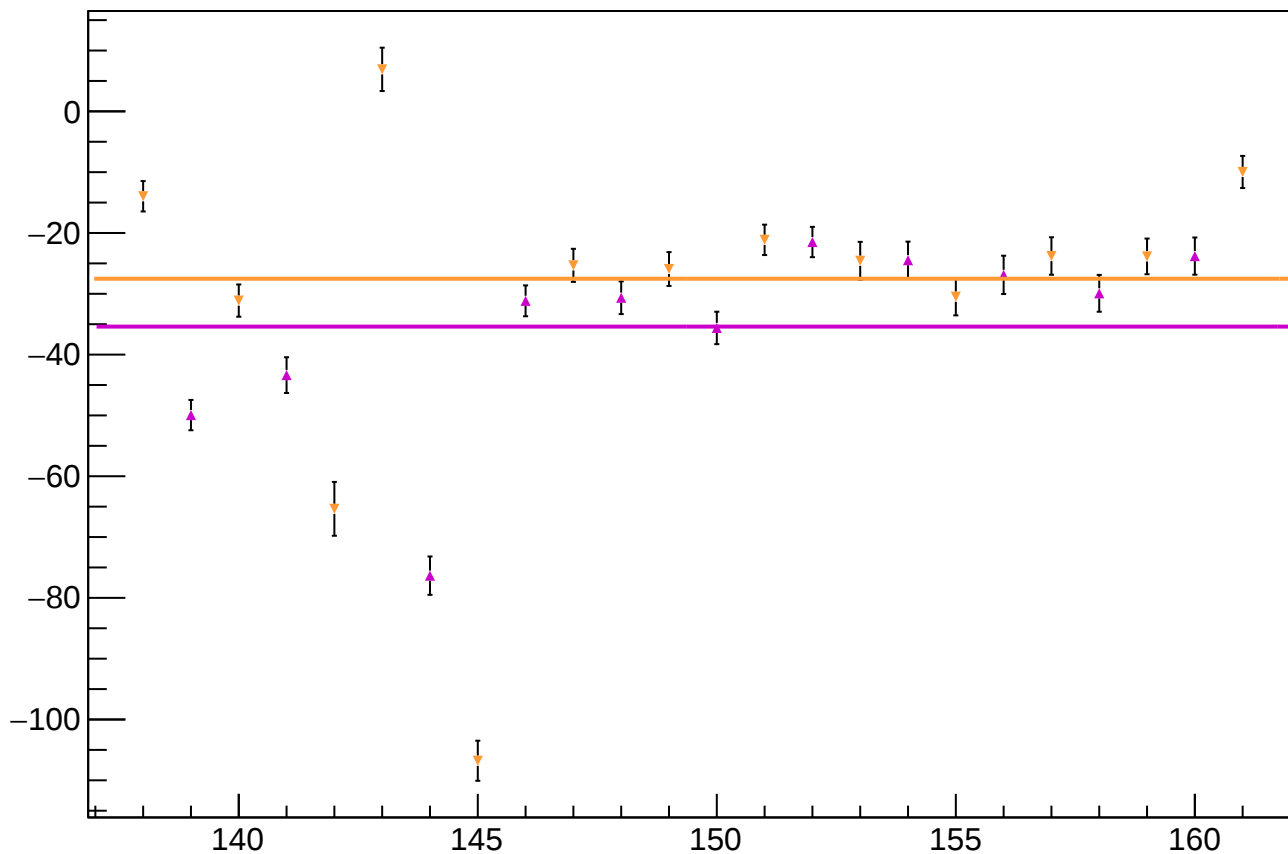
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.148 ± 0.007 χ^2/NDF : 1686.2/27

Out: 0.162 ± 0.007 χ^2/NDF : 2220.8/30

All: 0.155 ± 0.005 χ^2/NDF : 3909.4/58

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -27.521 $\pm$ 0.810 χ^2/NDF :832.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -35.391 $\pm$ 0.846 χ^2/NDF :285.0/10

Left: -31.285 $\pm$ 0.585 χ^2/NDF : 1162.5/23

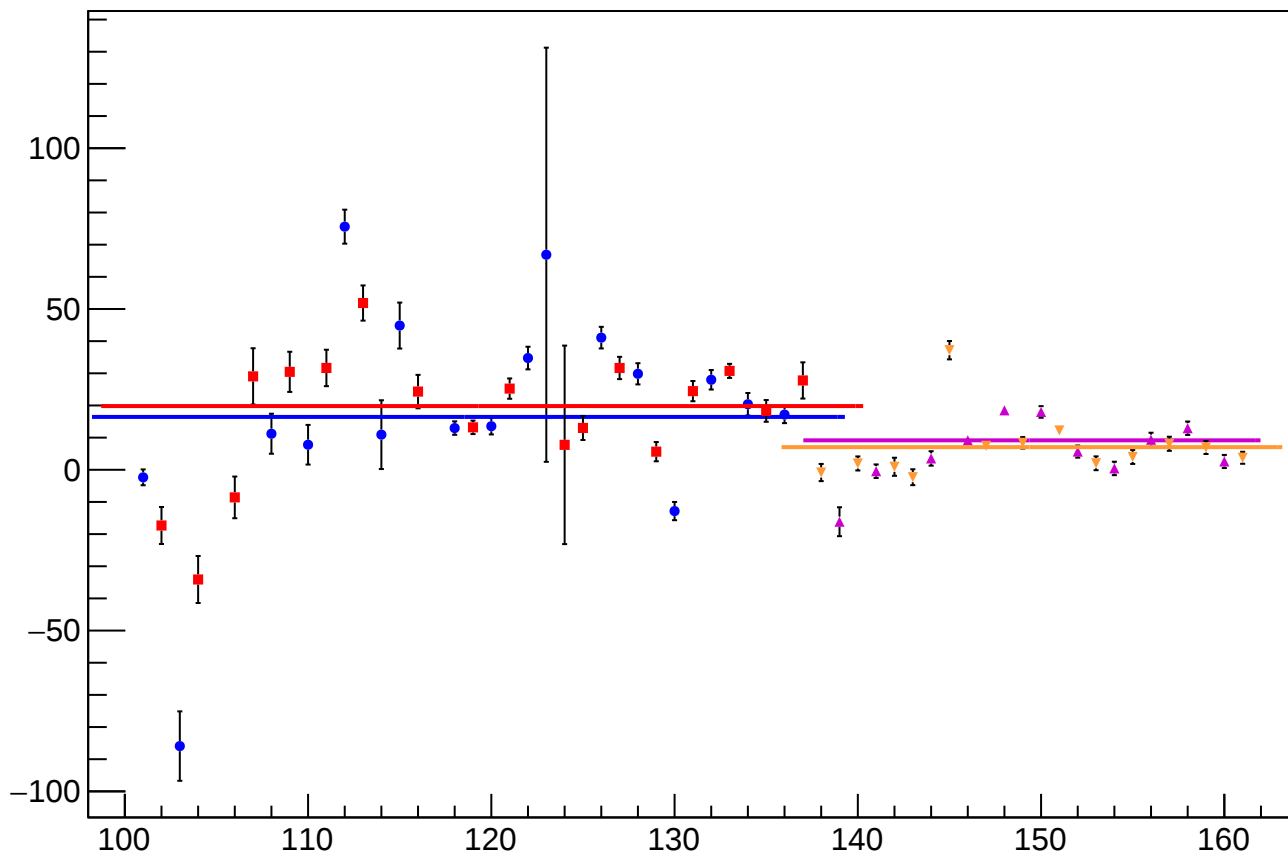
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -35.391 $\pm$ 0.846 χ^2/NDF :285.0/10

Out: -27.521 $\pm$ 0.810 χ^2/NDF :832.4/12

All: -31.285 $\pm$ 0.585 χ^2/NDF : 1162.5/23

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 7.041 $\pm$ 0.547 χ^2 /NDF:169.3/12

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 9.156 $\pm$ 0.576 χ^2 /NDF:168.0/10

Left: 8.044 $\pm$ 0.397 χ^2 /NDF: 344.4/23

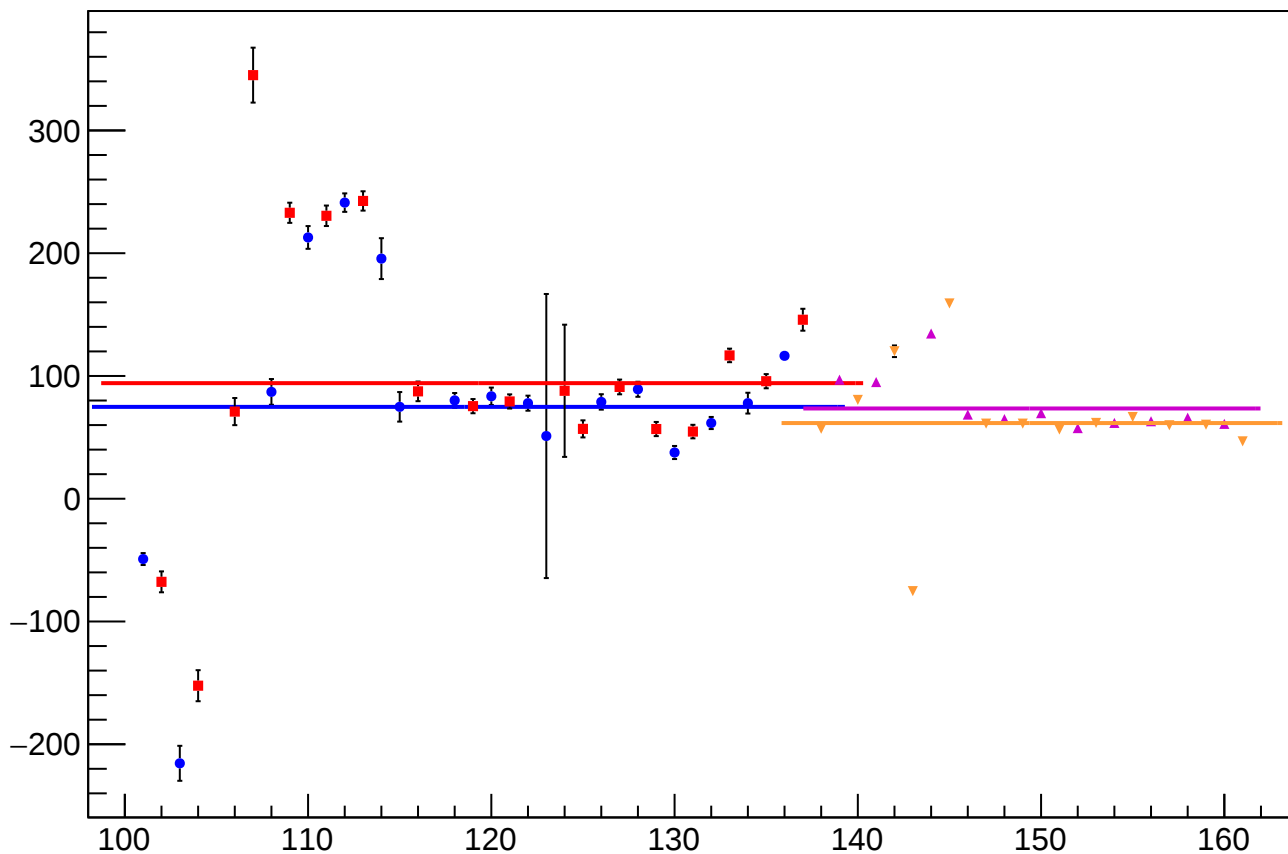
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 11.455 $\pm$ 0.477 χ^2 /NDF:735.4/27

Out: 10.492 $\pm$ 0.467 χ^2 /NDF:555.0/30

All: 10.964 $\pm$ 0.334 χ^2 /NDF: 1292.5/58

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 61.644+/-0.791 χ^2/NDF : 2349.9/12

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 73.516+/-0.821 χ^2/NDF : 570.7/10

Left: 67.363+/-0.570 χ^2/NDF : 3029.0/23

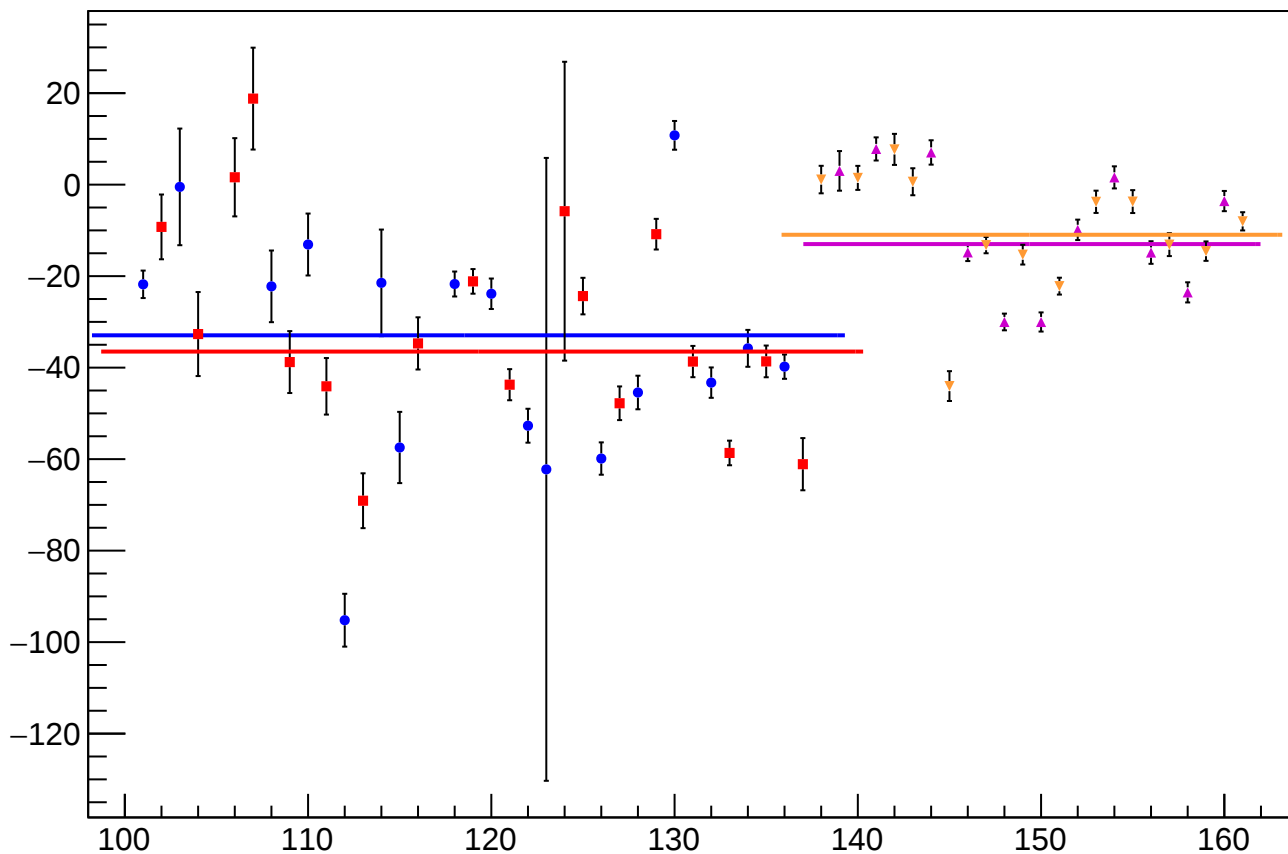
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 73.778+/-0.734 χ^2/NDF : 2568.0/27

Out: 67.325+/-0.719 χ^2/NDF : 4613.9/30

All: 70.485+/-0.514 χ^2/NDF : 7221.4/58

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.956 ± 0.654 χ^2/NDF : 252.8/12

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -12.993 ± 0.690 χ^2/NDF : 371.8/10

Left: -11.921 ± 0.475 χ^2/NDF : 629.1/23

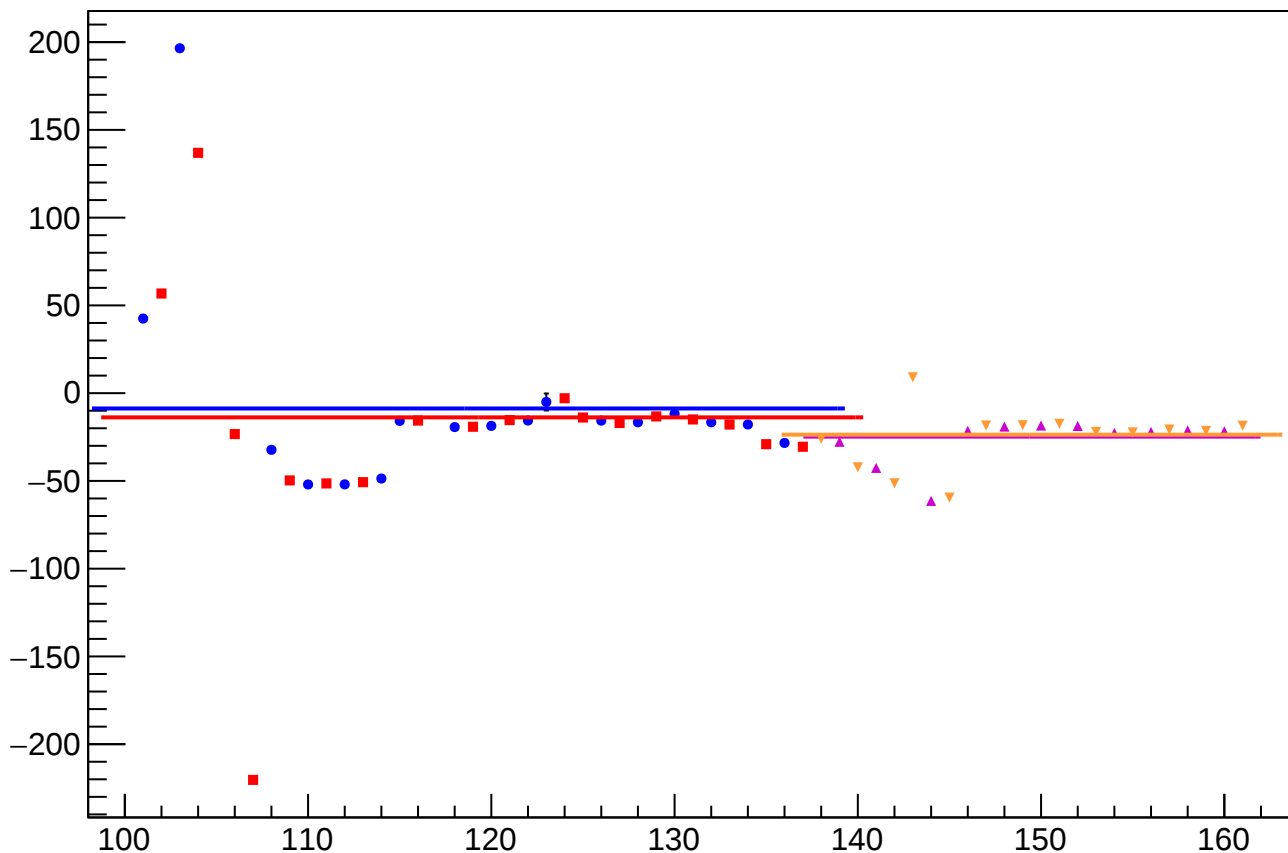
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -19.657 ± 0.563 χ^2/NDF : 1142.0/27

Out: -18.327 ± 0.552 χ^2/NDF : 985.9/30

All: -18.979 ± 0.394 χ^2/NDF : 2130.8/58

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: -23.649 ± 0.031 $\chi^2/\text{NDF}: 173342.1/12$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -24.771 ± 0.032 $\chi^2/\text{NDF}: 96936.6/10$

Left: -24.193 ± 0.022 $\chi^2/\text{NDF}: 270917.0/23$

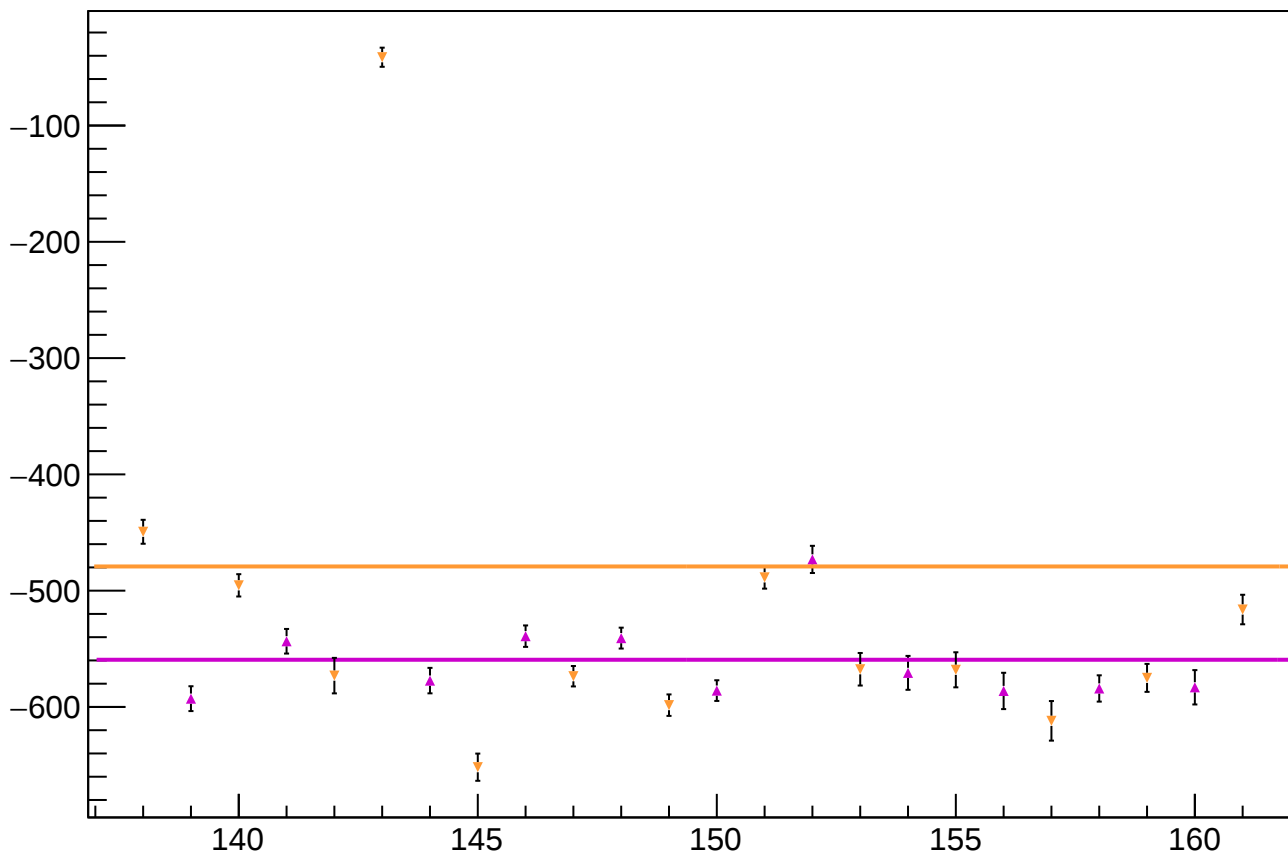
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -21.131 ± 0.028 $\chi^2/\text{NDF}: 730236.1/27$

Out: -21.694 ± 0.028 $\chi^2/\text{NDF}: 742916.9/30$

All: -21.416 ± 0.020 $\chi^2/\text{NDF}: 1473357.7/58$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -479.187 ± 3.042 $\chi^2/\text{NDF}: 3592.2/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -559.418 ± 3.309 $\chi^2/\text{NDF}: 98.1/10$

Left: -515.934 ± 2.239 $\chi^2/\text{NDF}: 4009.0/23$

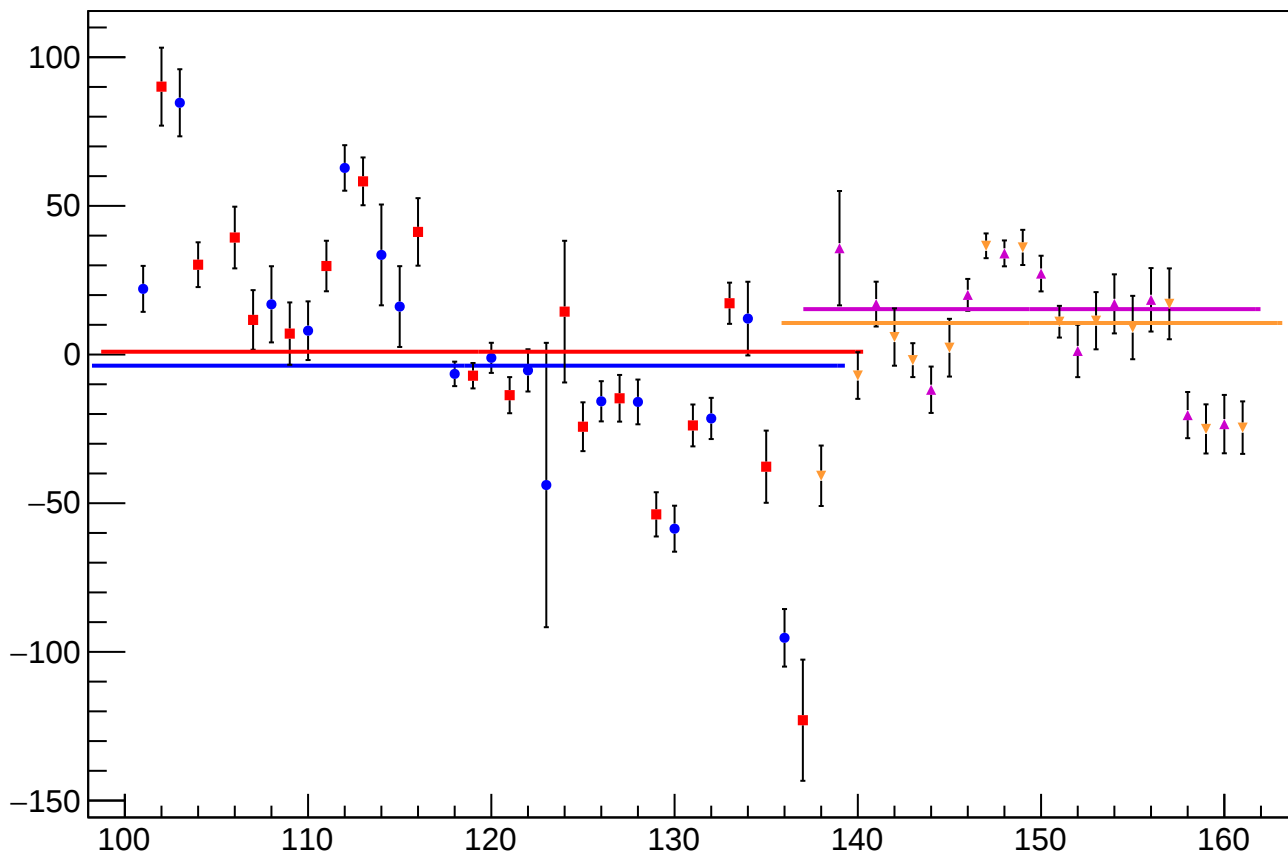
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -559.418 ± 3.309 $\chi^2/\text{NDF}: 98.1/10$

Out: -479.187 ± 3.042 $\chi^2/\text{NDF}: 3592.2/12$

All: -515.934 ± 2.239 $\chi^2/\text{NDF}: 4009.0/23$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 10.615 ± 1.986 χ^2/NDF : 128.6/12

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 15.275 ± 2.177 χ^2/NDF : 75.8/10

Left: 12.731 ± 1.467 χ^2/NDF : 206.9/23

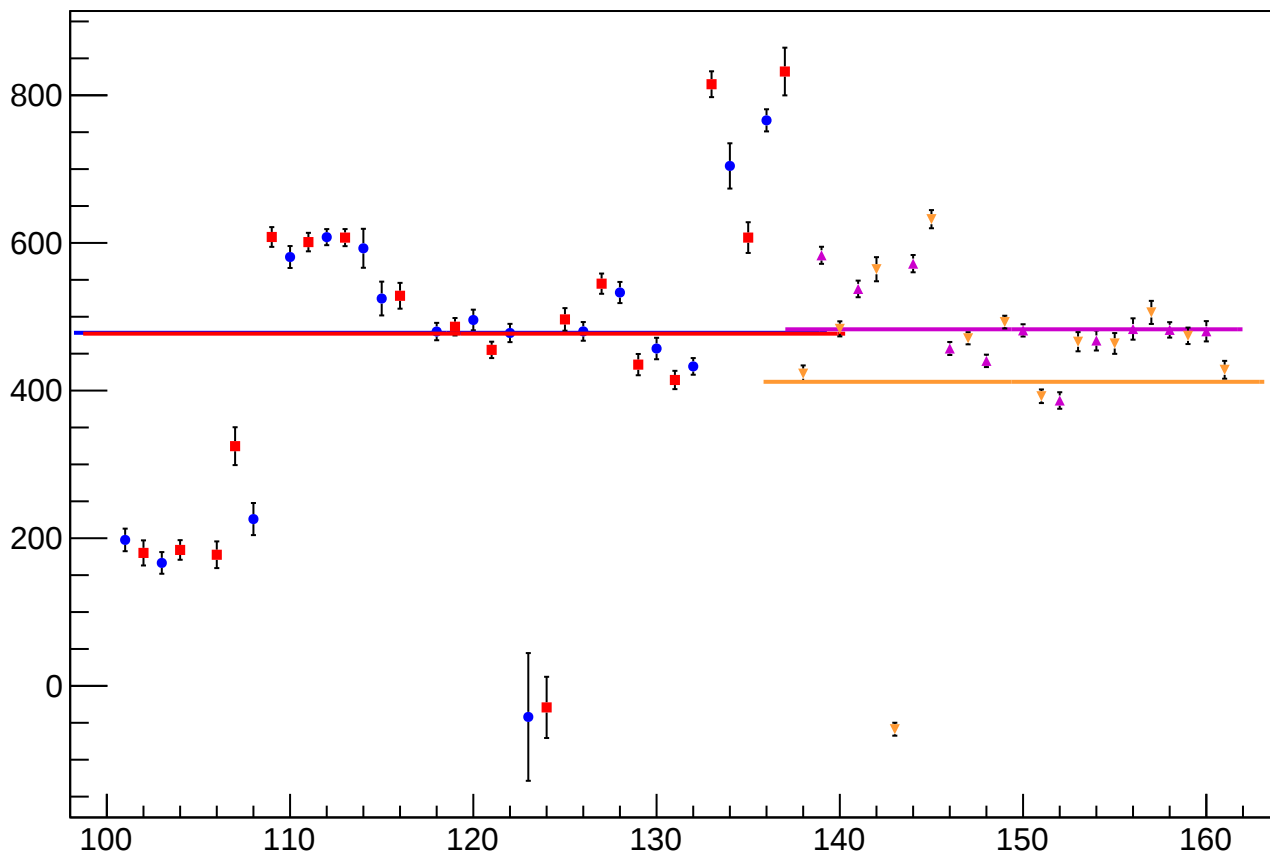
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 4.438 ± 1.428 χ^2/NDF : 433.4/27

Out: 5.614 ± 1.380 χ^2/NDF : 434.5/30

All: 5.046 ± 0.992 χ^2/NDF : 868.3/58

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 411.884+/-3.003 χ^2/NDF : 3578.8/12

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 483.005+/-3.215 χ^2/NDF : 266.3/10

Left: 445.022+/-2.194 χ^2/NDF : 4106.5/23

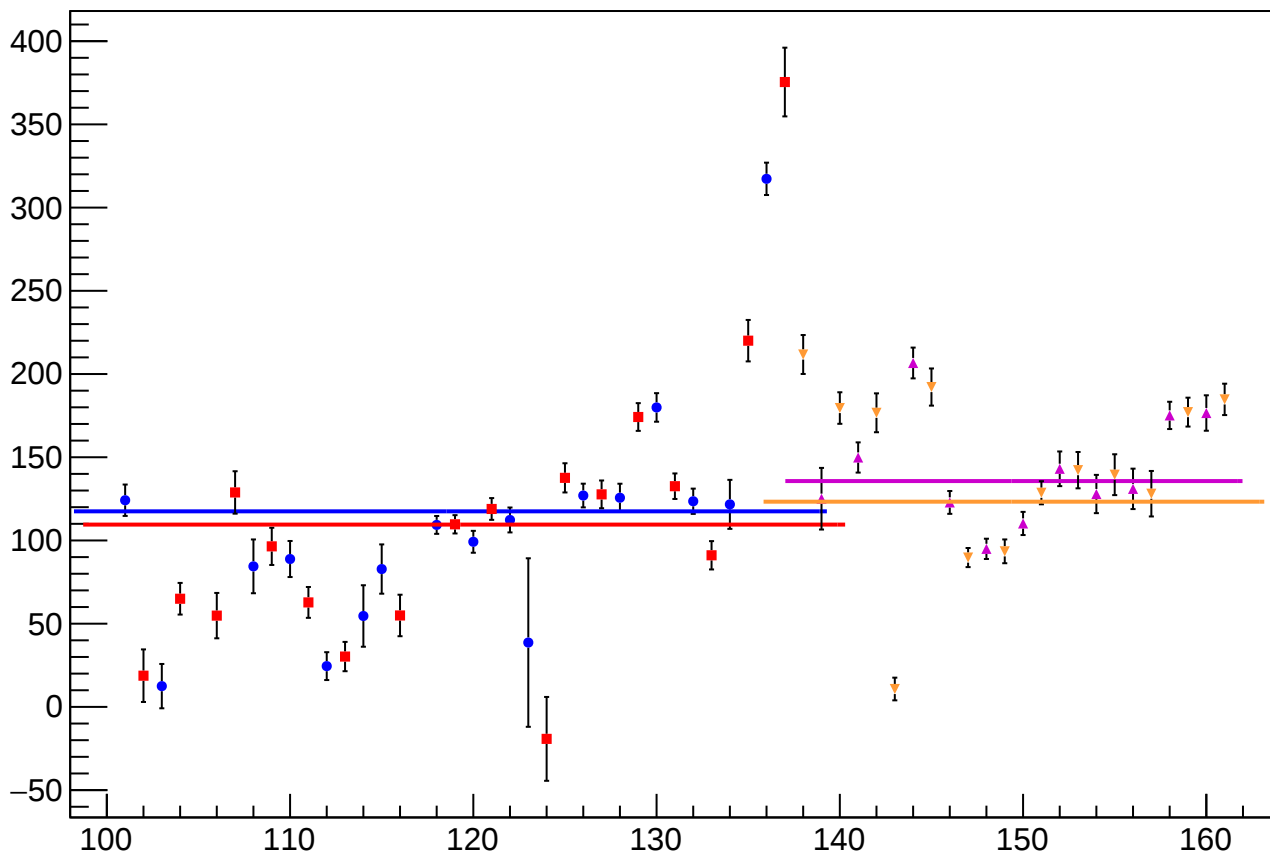
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 480.926+/-2.409 χ^2/NDF : 1895.2/27

Out: 439.162+/-2.290 χ^2/NDF : 5951.9/30

All: 458.990+/-1.660 χ^2/NDF : 8005.0/58

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 123.301 ± 2.419 $\chi^2/\text{NDF}: 562.1/12$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 135.689 ± 2.645 $\chi^2/\text{NDF}: 162.2/10$

Left: 128.943 ± 1.785 $\chi^2/\text{NDF}: 736.2/23$

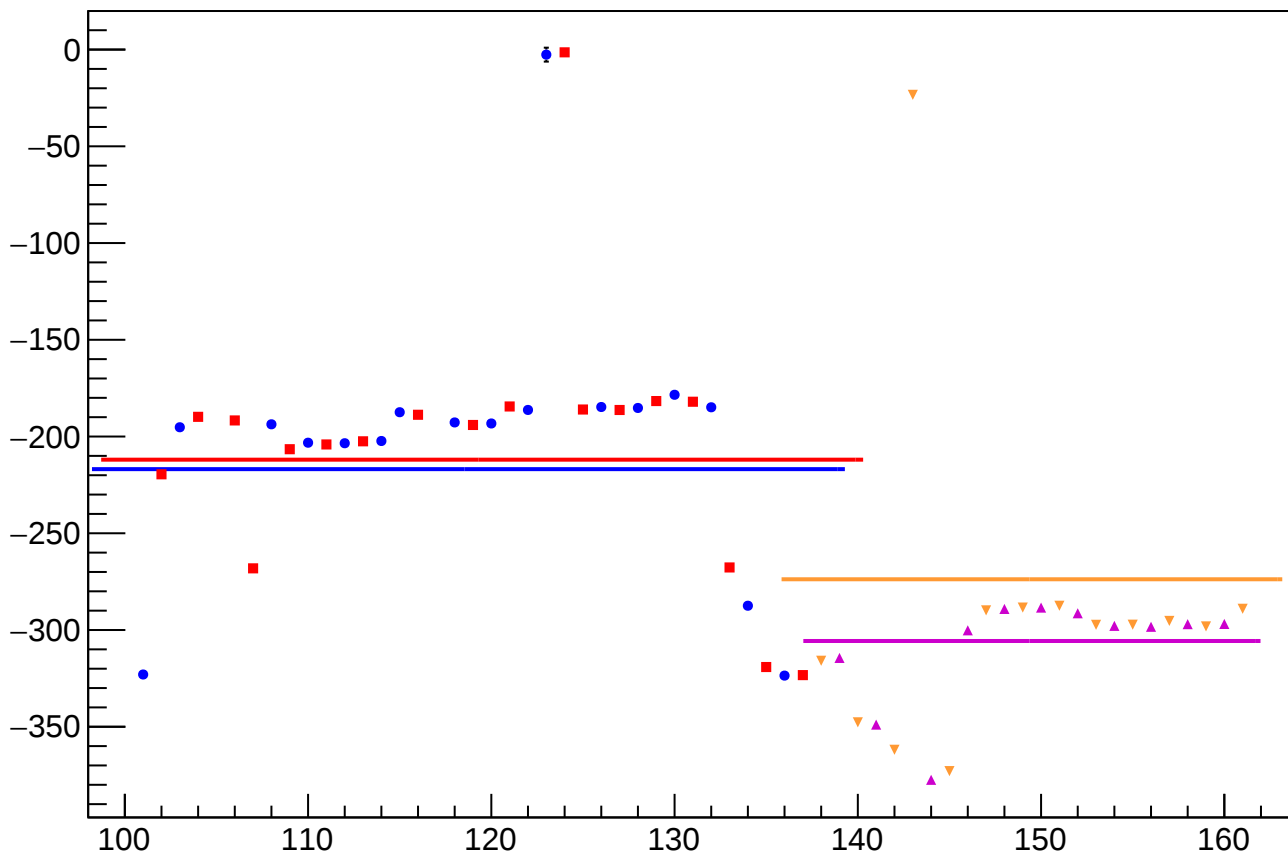
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 124.928 ± 1.690 $\chi^2/\text{NDF}: 896.1/27$

Out: 115.793 ± 1.631 $\chi^2/\text{NDF}: 1141.9/30$

All: 120.197 ± 1.174 $\chi^2/\text{NDF}: 2053.2/58$

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: -273.776 ± 0.121 $\chi^2/\text{NDF}: 617172.0/12$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -305.675 ± 0.128 $\chi^2/\text{NDF}: 36126.8/10$

Left: -288.847 ± 0.088 $\chi^2/\text{NDF}: 686161.8/23$

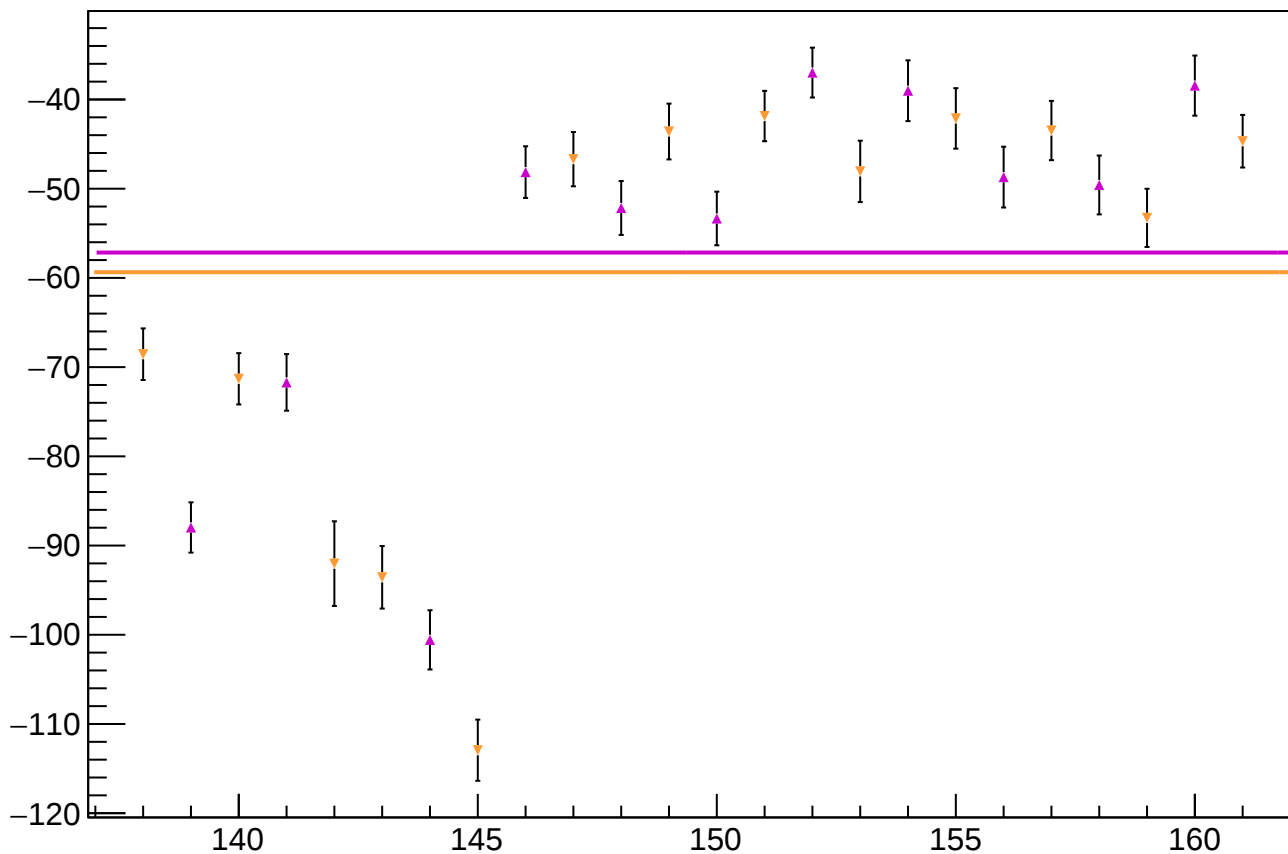
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -263.974 ± 0.093 $\chi^2/\text{NDF}: 409801.3/27$

Out: -245.250 ± 0.089 $\chi^2/\text{NDF}: 849806.1/30$

All: -254.167 ± 0.064 $\chi^2/\text{NDF}: 1280799.4/58$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.361+/-0.891 χ^2/NDF :583.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.157+/-0.938 χ^2/NDF :448.5/10

Left: -58.315+/-0.646 χ^2/NDF : 1034.6/23

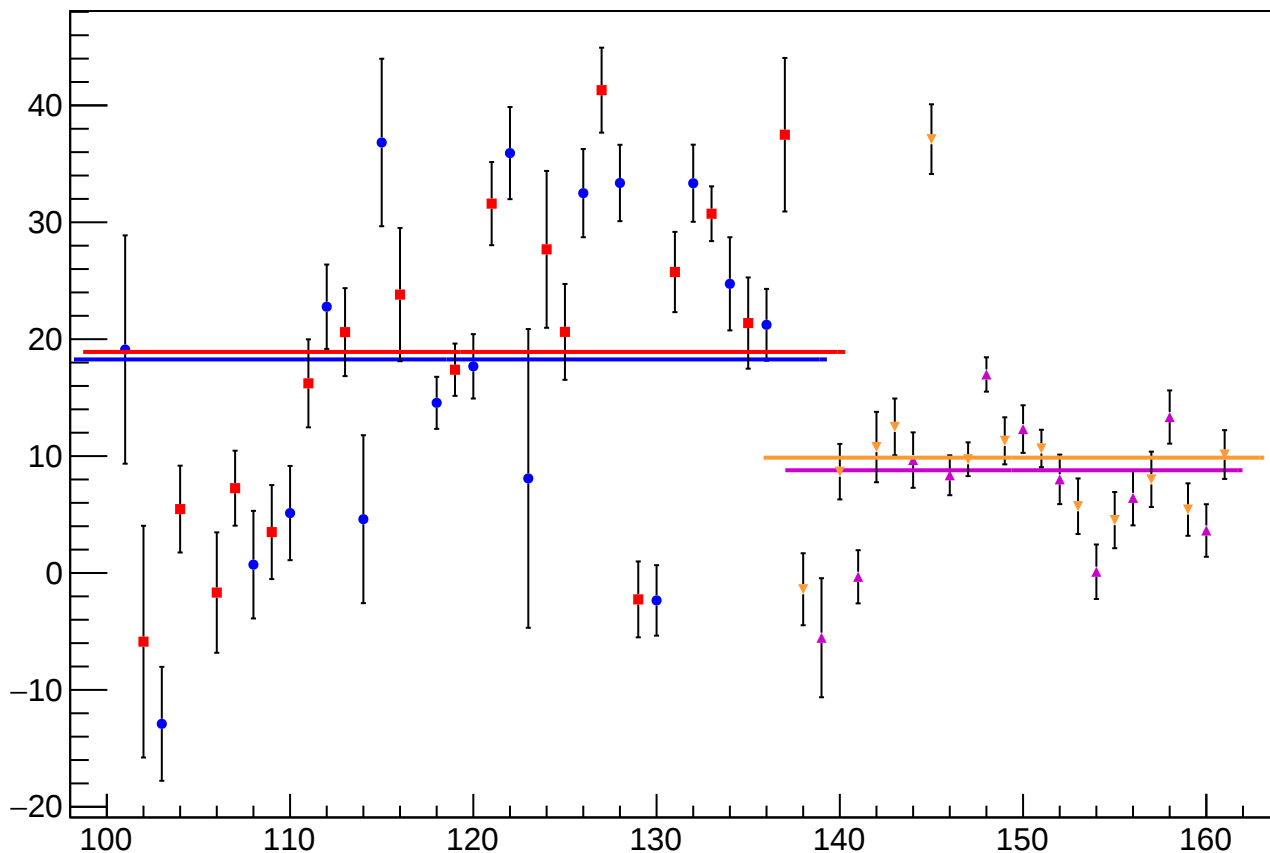
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.157+/-0.938 χ^2/NDF :448.5/10

Out: -59.361+/-0.891 χ^2/NDF :583.2/12

All: -58.315+/-0.646 χ^2/NDF : 1034.6/23

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 9.866 ± 0.603 $\chi^2/\text{NDF}: 111.7/12$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 8.788 ± 0.641 $\chi^2/\text{NDF}: 82.5/10$

Left: 9.359 ± 0.439 $\chi^2/\text{NDF}: 195.7/23$

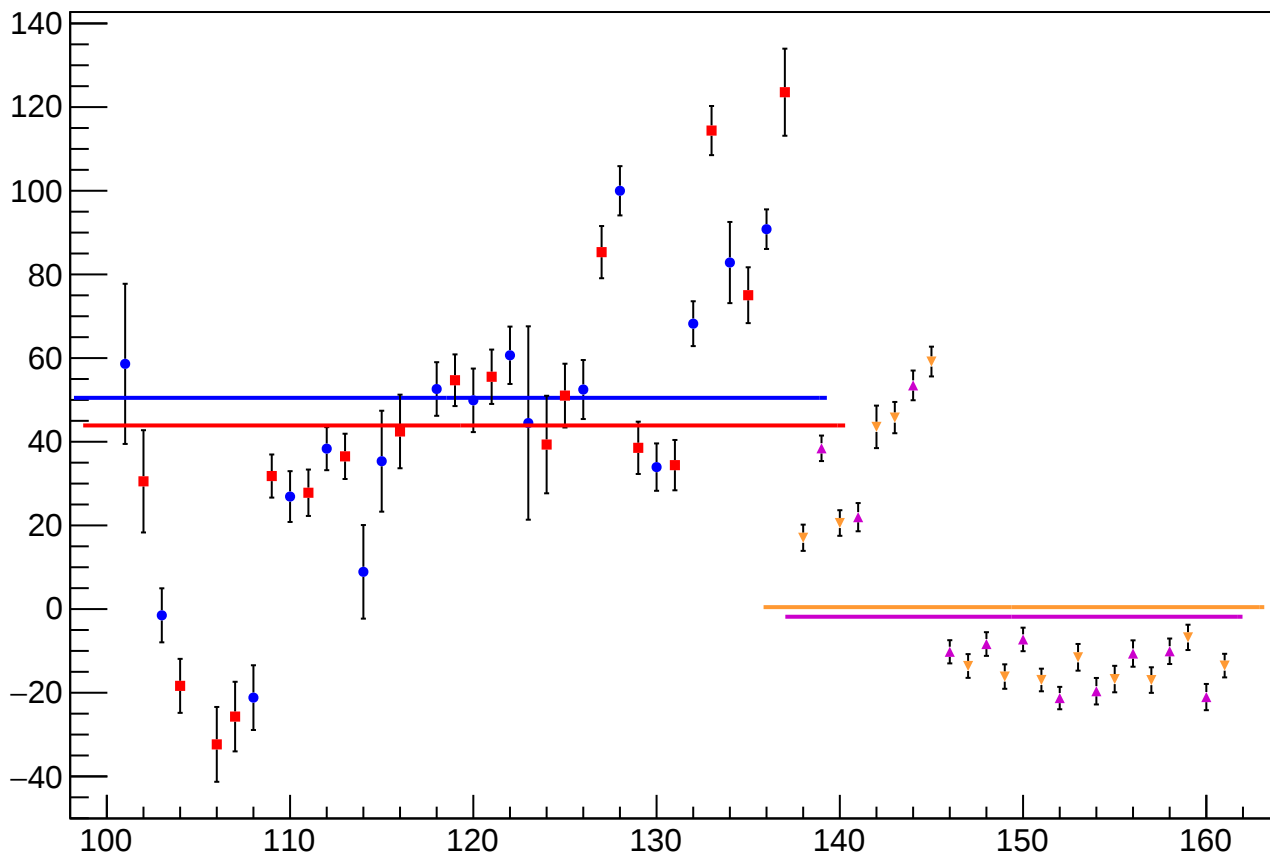
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 11.945 ± 0.523 $\chi^2/\text{NDF}: 363.8/27$

Out: 12.828 ± 0.495 $\chi^2/\text{NDF}: 383.4/30$

All: 12.411 ± 0.359 $\chi^2/\text{NDF}: 748.7/58$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497+/-1.671 χ^2/NDF : 363.2/16

Left Out: 0.464+/-0.872 χ^2/NDF : 766.4/12

Right Out: 43.895+/-1.604 χ^2/NDF : 531.7/17

Left In: -1.831+/-0.911 χ^2/NDF : 621.9/10

Left: -0.633+/-0.630 χ^2/NDF : 1391.6/23

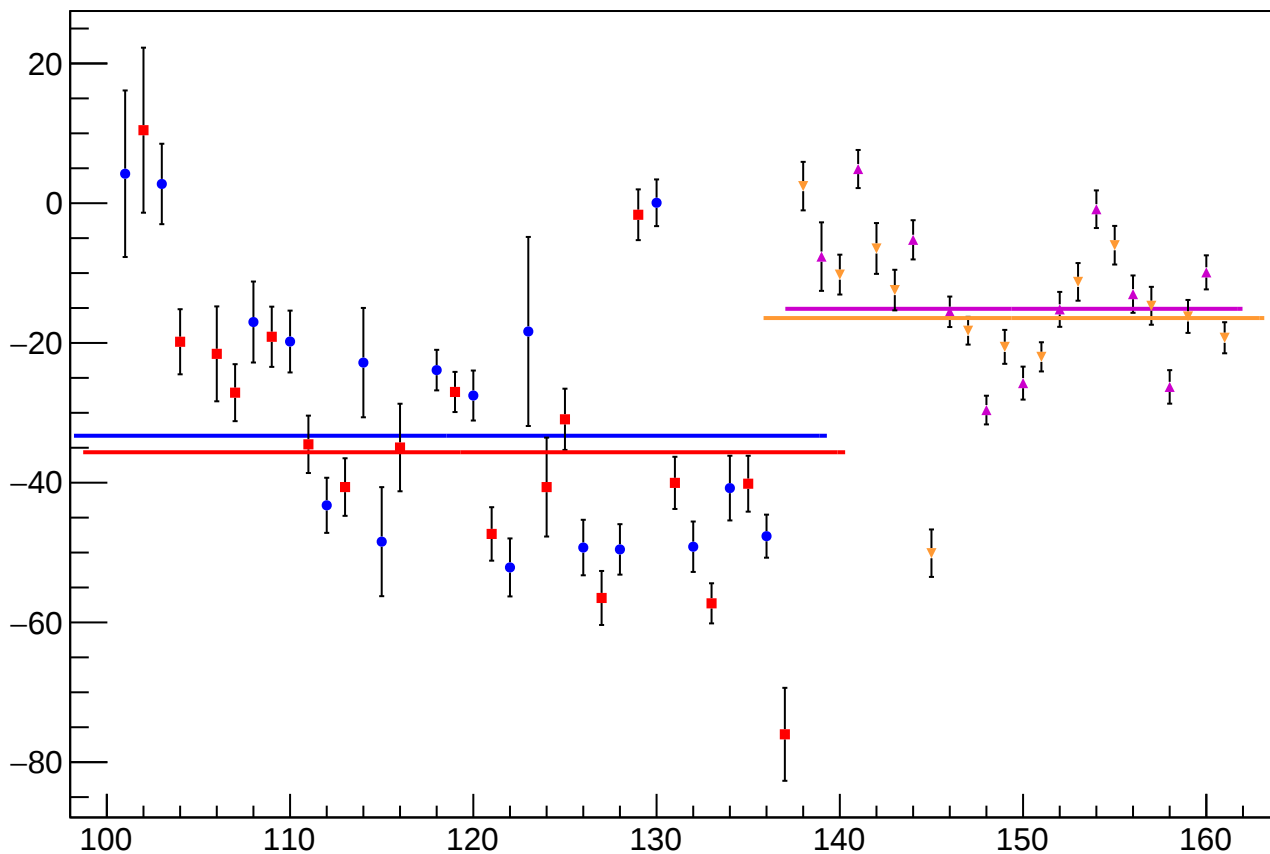
Right: 47.060+/-1.157 χ^2/NDF : 903.0/34

In: 10.157+/-0.800 χ^2/NDF : 1741.2/27

Out: 10.376+/-0.766 χ^2/NDF : 1864.2/30

All: 10.271+/-0.553 χ^2/NDF : 3605.5/58

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.438 ± 0.721 $\chi^2/\text{NDF}: 172.6/12$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -15.114 ± 0.765 $\chi^2/\text{NDF}: 193.6/10$

Left: -15.815 ± 0.524 $\chi^2/\text{NDF}: 367.8/23$

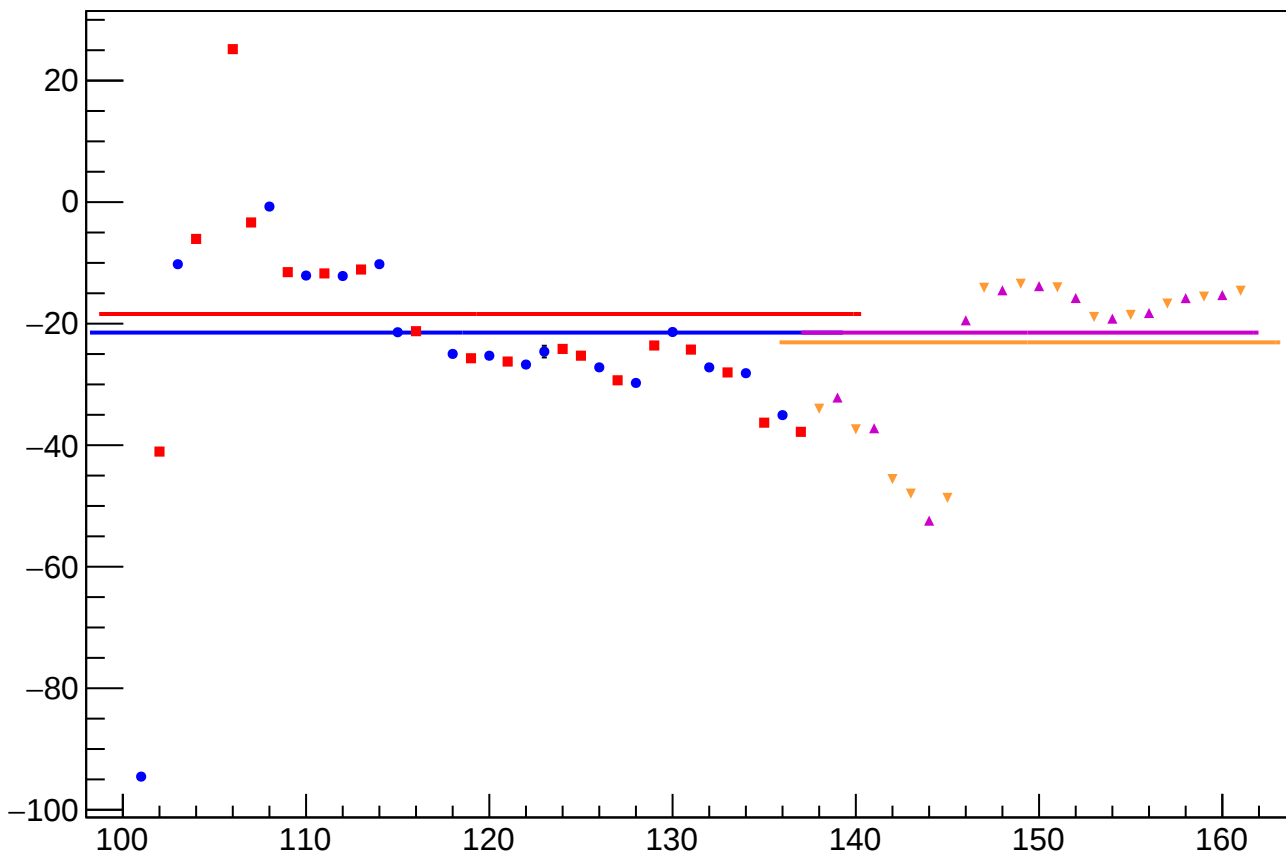
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -21.531 ± 0.615 $\chi^2/\text{NDF}: 685.8/27$

Out: -23.066 ± 0.583 $\chi^2/\text{NDF}: 702.3/30$

All: -22.339 ± 0.423 $\chi^2/\text{NDF}: 1391.4/58$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -23.076+/-0.034 χ^2/NDF :126909.2/12

Right Out: -18.411+/-0.057 χ^2/NDF : 77587.3/17

Left In: -21.474+/-0.035 χ^2/NDF :80482.5/10

Left: -22.305+/-0.025 χ^2/NDF : 208458.8/23

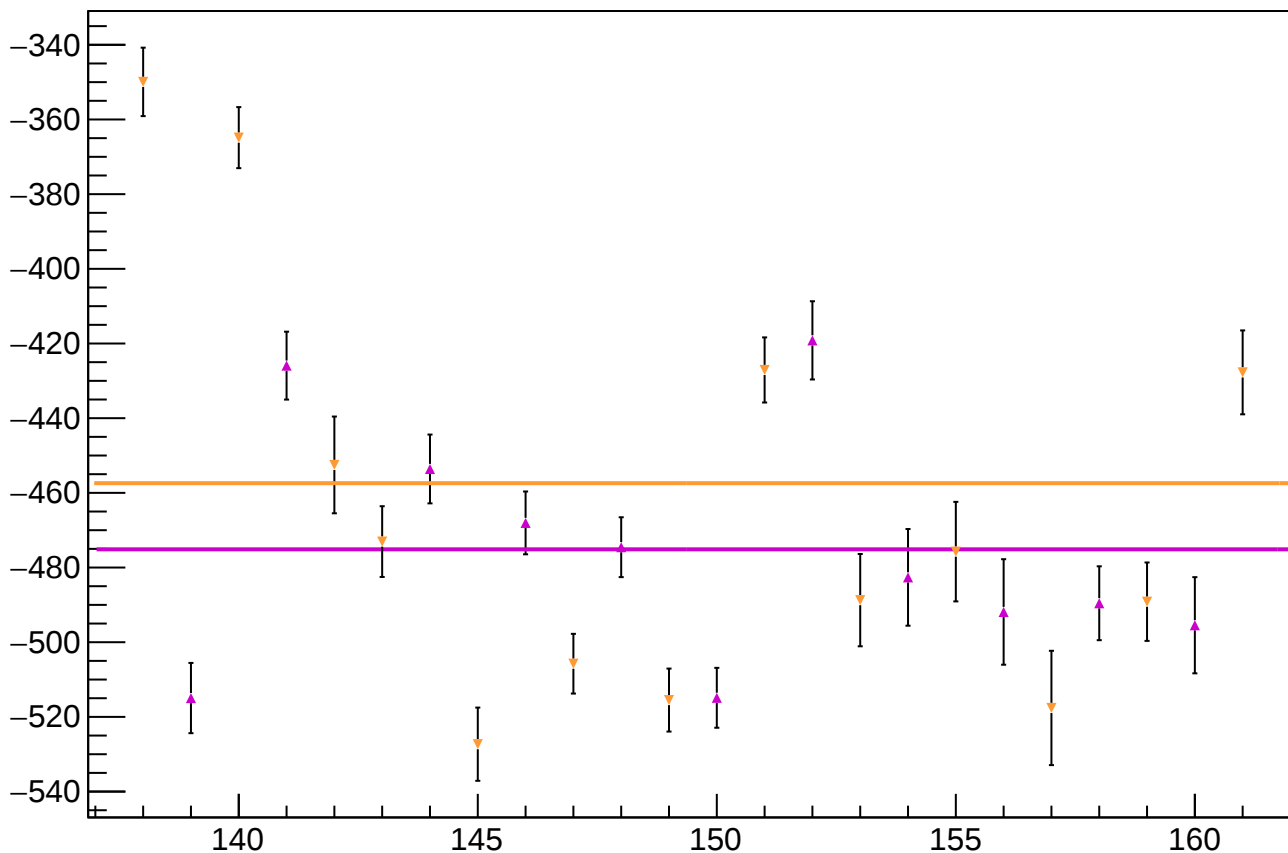
Right: -19.904+/-0.041 χ^2/NDF : 127953.4/34

In: -21.473+/-0.030 χ^2/NDF :129462.0/27

Out: -21.863+/-0.029 χ^2/NDF :209387.3/30

All: -21.675+/-0.021 χ^2/NDF : 338935.4/58

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -457.405+/-2.767 χ^2/NDF :455.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -475.120+/-2.927 χ^2/NDF :112.8/10

Left: -465.764+/-2.011 χ^2/NDF : 587.5/23

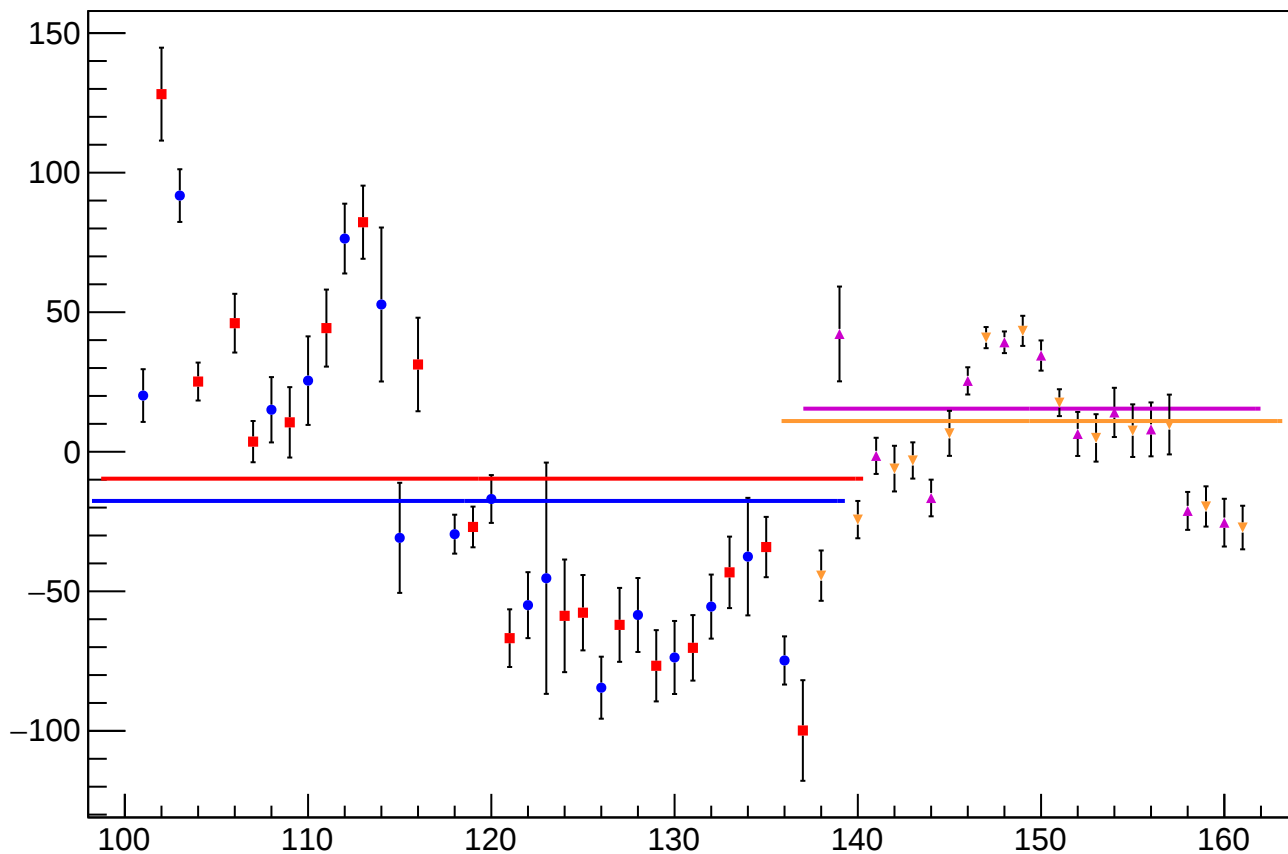
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -475.120+/-2.927 χ^2/NDF :112.8/10

Out: -457.405+/-2.767 χ^2/NDF :455.3/12

All: -465.764+/-2.011 χ^2/NDF : 587.5/23

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: 11.008 ± 1.810 $\chi^2/\text{NDF}: 217.6/12$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 15.444 ± 1.932 $\chi^2/\text{NDF}: 140.9/10$

Left: 13.081 ± 1.321 $\chi^2/\text{NDF}: 361.3/23$

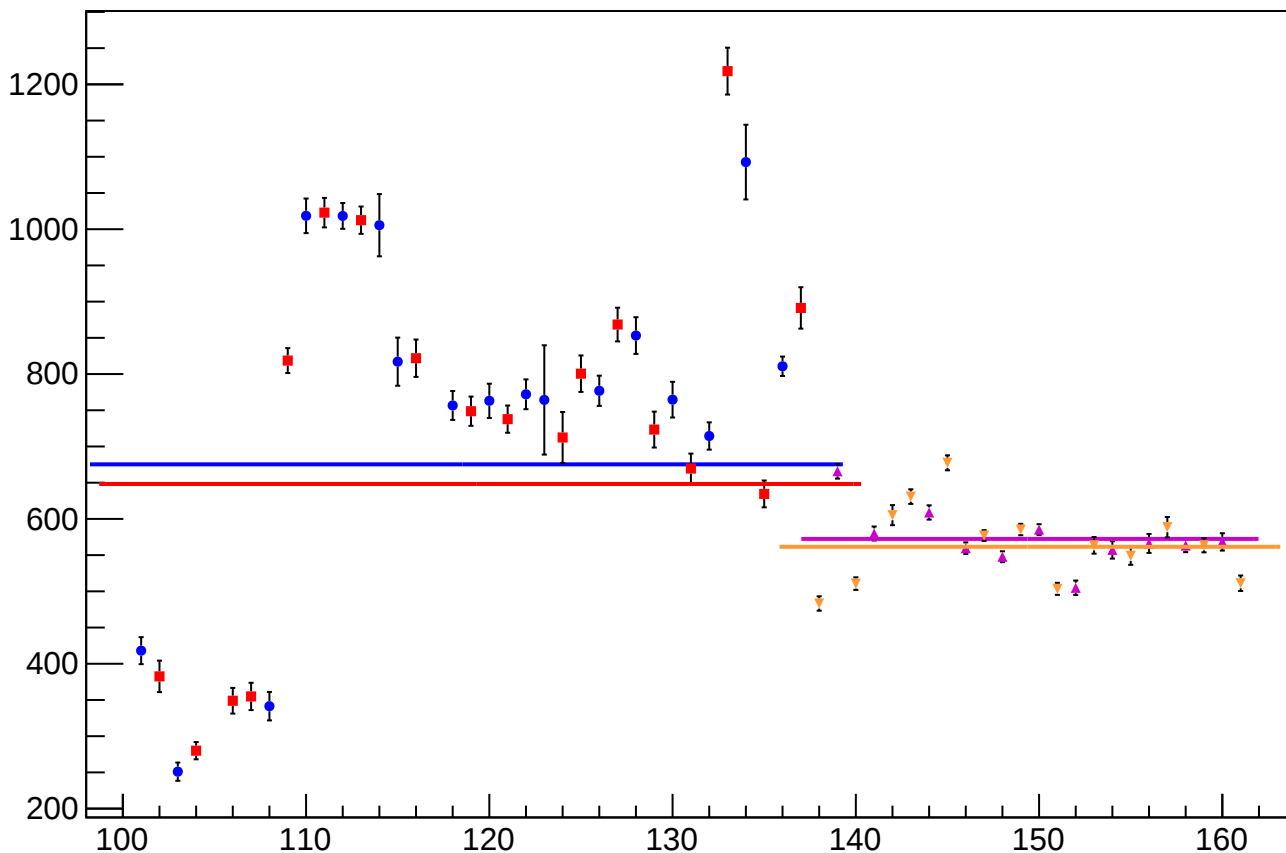
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 4.710 ± 1.588 $\chi^2/\text{NDF}: 598.0/27$

Out: 4.313 ± 1.488 $\chi^2/\text{NDF}: 620.4/30$

All: 4.498 ± 1.086 $\chi^2/\text{NDF}: 1218.5/58$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 561.500 ± 2.726 $\chi^2/\text{NDF}: 368.1/12$

Right Out: 648.229 ± 4.775 $\chi^2/\text{NDF}: 3059.0/17$

Left In: 572.378 ± 2.849 $\chi^2/\text{NDF}: 162.9/10$

Left: 566.699 ± 1.970 $\chi^2/\text{NDF}: 538.6/23$

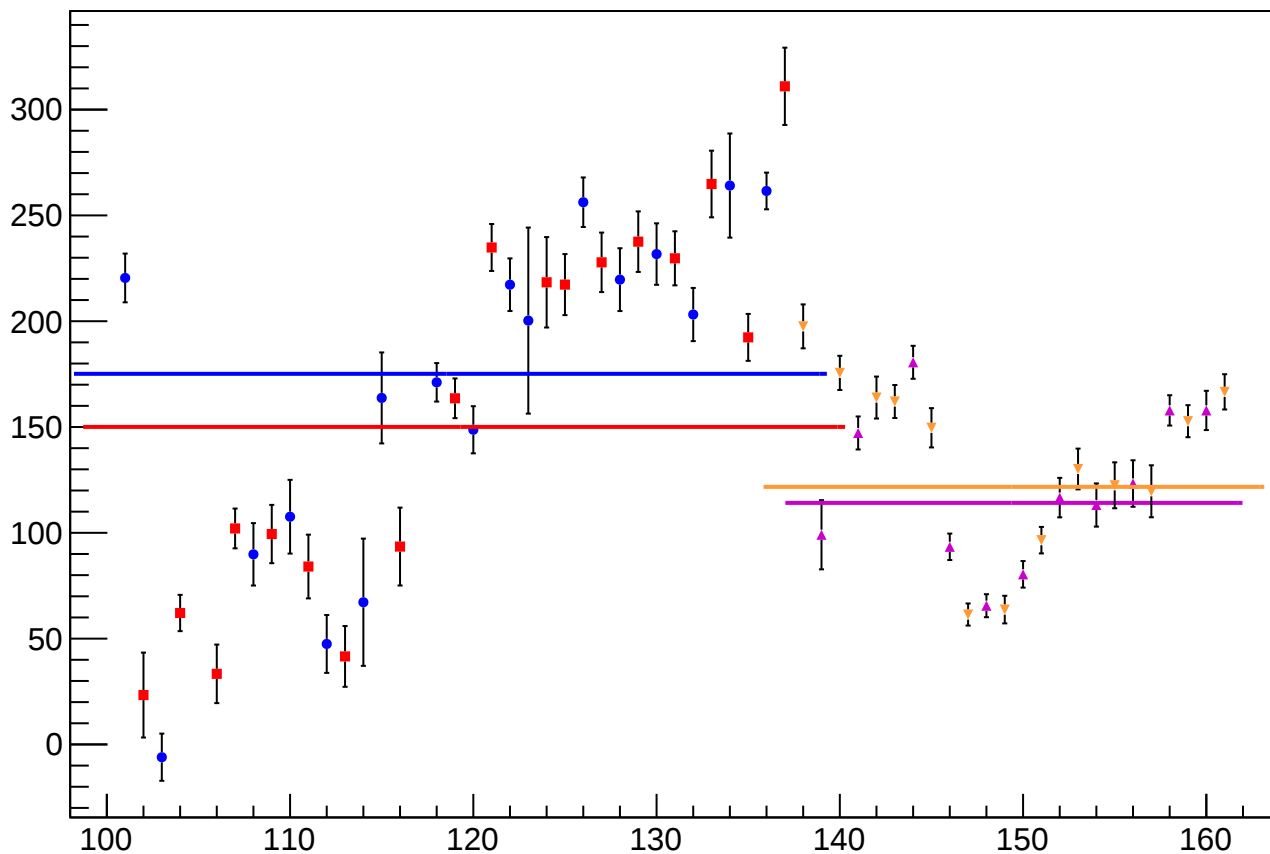
Right: 661.037 ± 3.468 $\chi^2/\text{NDF}: 5656.9/34$

In: 597.265 ± 2.481 $\chi^2/\text{NDF}: 3061.4/27$

Out: 582.817 ± 2.367 $\chi^2/\text{NDF}: 3675.9/30$

All: 589.703 ± 1.713 $\chi^2/\text{NDF}: 6755.0/58$

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: 121.721 $\pm$ 2.203 χ^2/NDF :426.7/12

Right Out: 150.054 $\pm$ 3.045 χ^2/NDF : 686.2/17

Left In: 114.144 $\pm$ 2.344 χ^2/NDF :271.6/10

Left: 118.168 $\pm$ 1.605 χ^2/NDF : 703.8/23

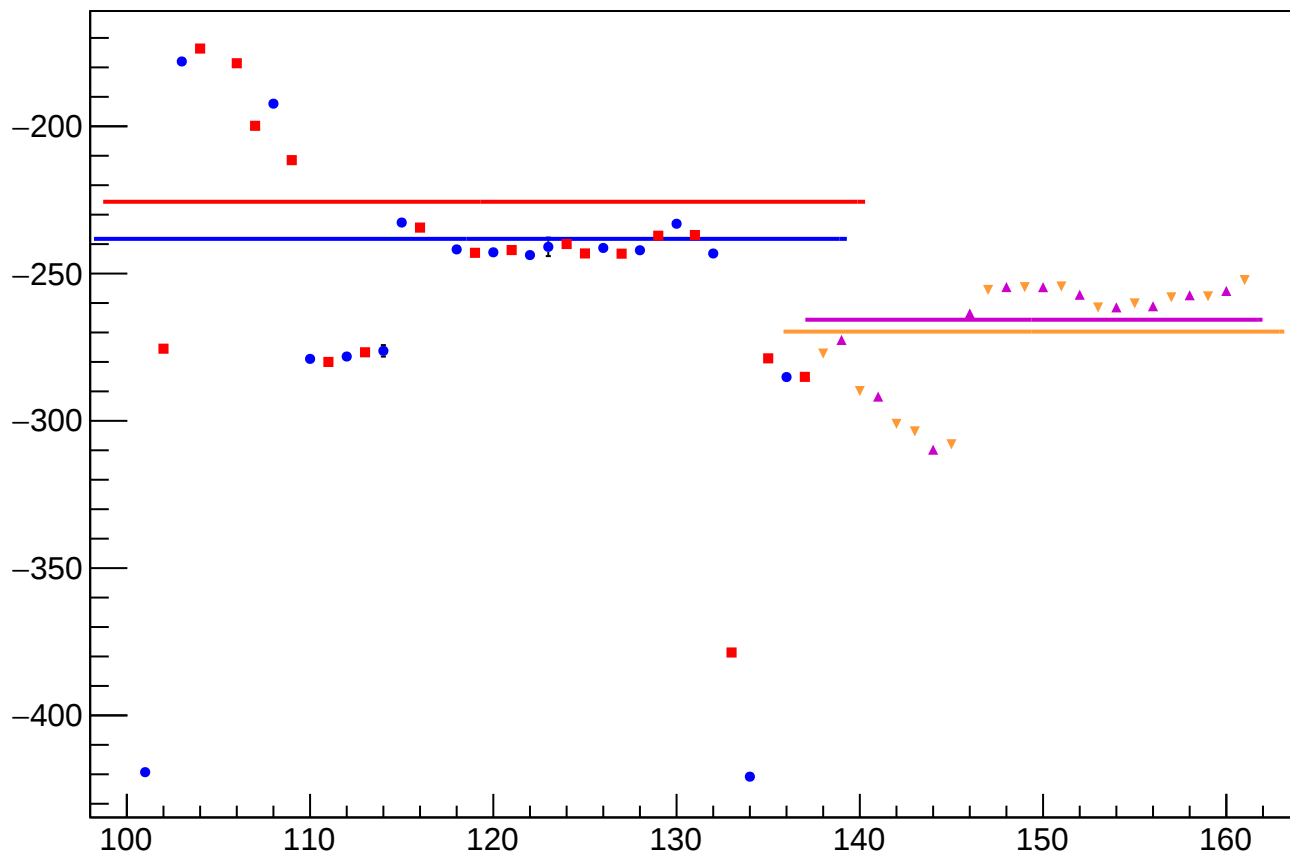
Right: 161.941 $\pm$ 2.209 χ^2/NDF : 1354.0/34

In: 135.366 $\pm$ 1.893 χ^2/NDF :1142.8/27

Out: 131.454 $\pm$ 1.785 χ^2/NDF :1169.7/30

All: 133.295 $\pm$ 1.299 χ^2/NDF : 2314.8/58

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -269.706+/-0.110 χ^2/NDF : 31985.9/12

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -265.672+/-0.113 χ^2/NDF : 19518.3/10

Left: -267.752+/-0.079 χ^2/NDF : 52158.9/23

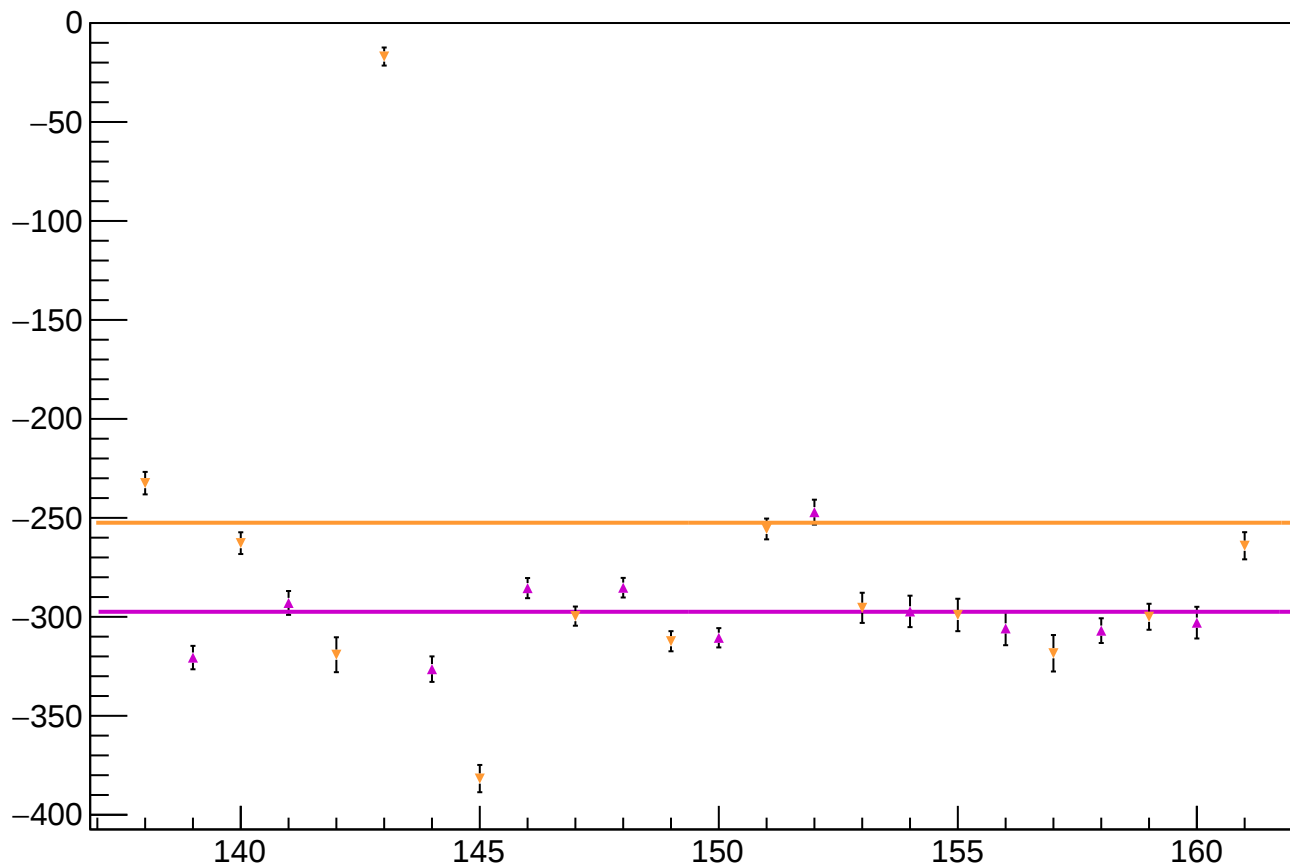
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.519+/-0.092 χ^2/NDF : 206229.7/27

Out: -254.552+/-0.089 χ^2/NDF : 182944.3/30

All: -255.497+/-0.064 χ^2/NDF : 389409.4/58

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: -252.453+/-1.685 χ^2/NDF :3493.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -297.447+/-1.832 χ^2/NDF :122.8/10

Left: -273.077+/-1.240 χ^2/NDF : 3943.3/23

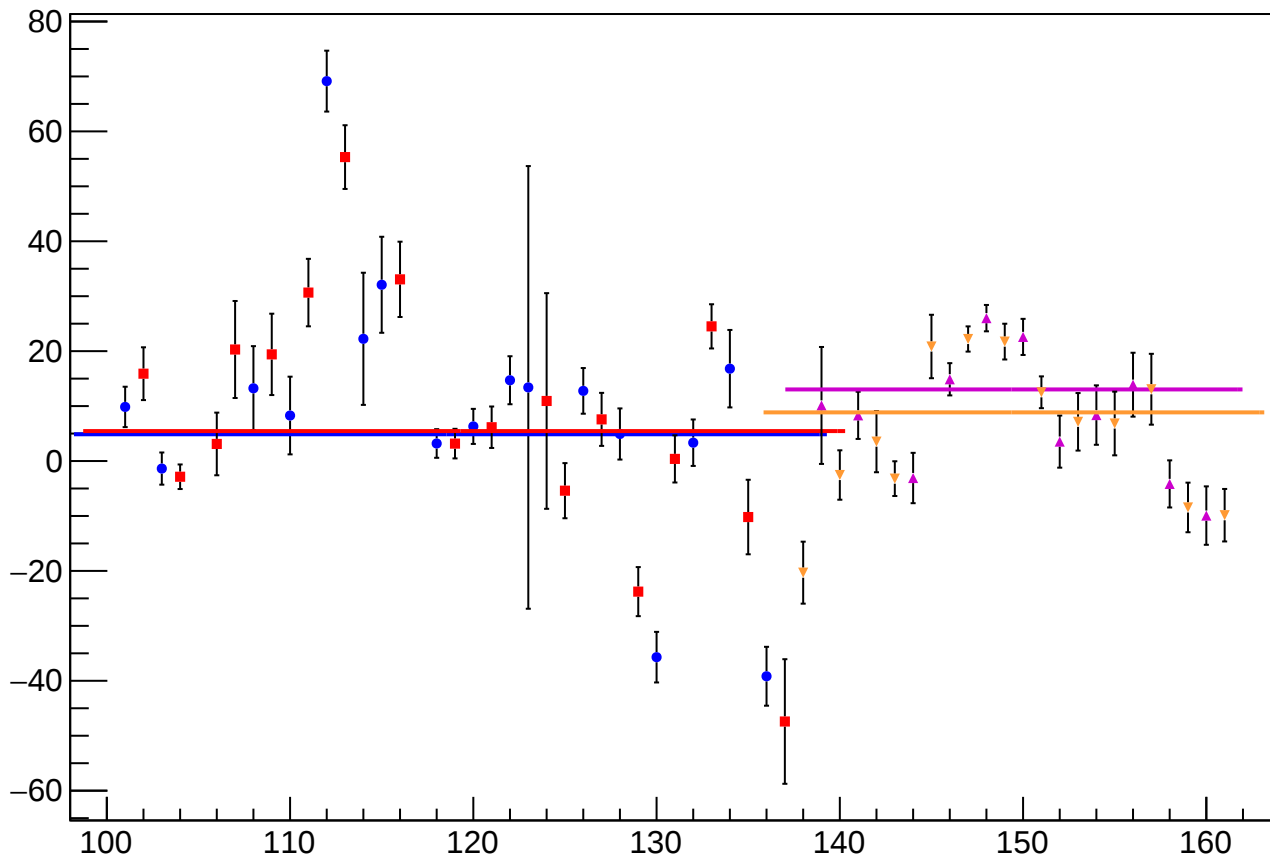
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -297.447+/-1.832 χ^2/NDF :122.8/10

Out: -252.453+/-1.685 χ^2/NDF :3493.9/12

All: -273.077+/-1.240 χ^2/NDF : 3943.3/23

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: 8.855 ± 1.098 $\chi^2/\text{NDF}: 134.8/12$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 13.031 ± 1.203 $\chi^2/\text{NDF}: 91.2/10$

Left: 10.752 ± 0.811 $\chi^2/\text{NDF}: 232.6/23$

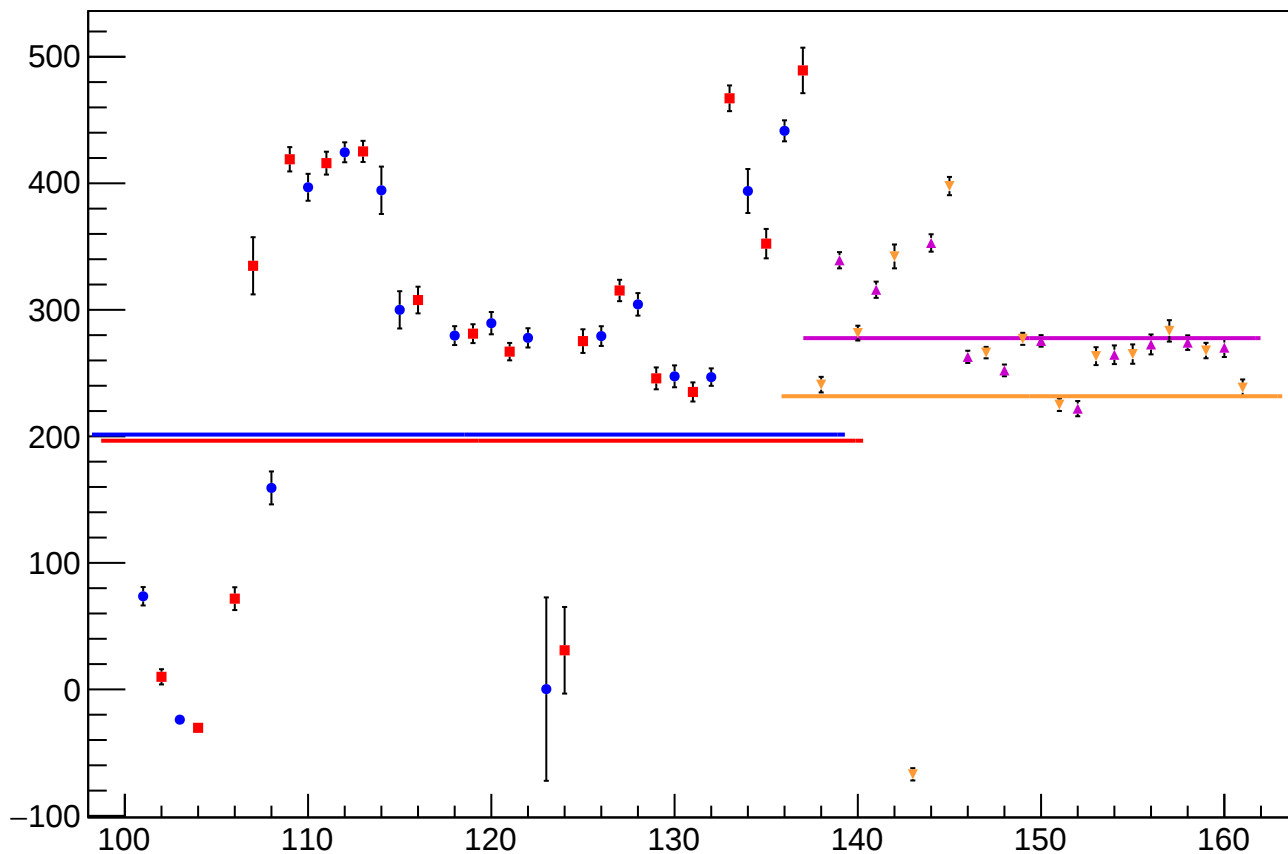
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 8.551 ± 0.808 $\chi^2/\text{NDF}: 428.0/27$

Out: 7.110 ± 0.767 $\chi^2/\text{NDF}: 371.2/30$

All: 7.793 ± 0.556 $\chi^2/\text{NDF}: 801.0/58$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 231.715 $\pm$ 1.660 χ^2 /NDF:4774.1/12

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 277.634 $\pm$ 1.777 χ^2 /NDF:377.4/10

Left: 253.123 $\pm$ 1.213 χ^2 /NDF: 5508.0/23

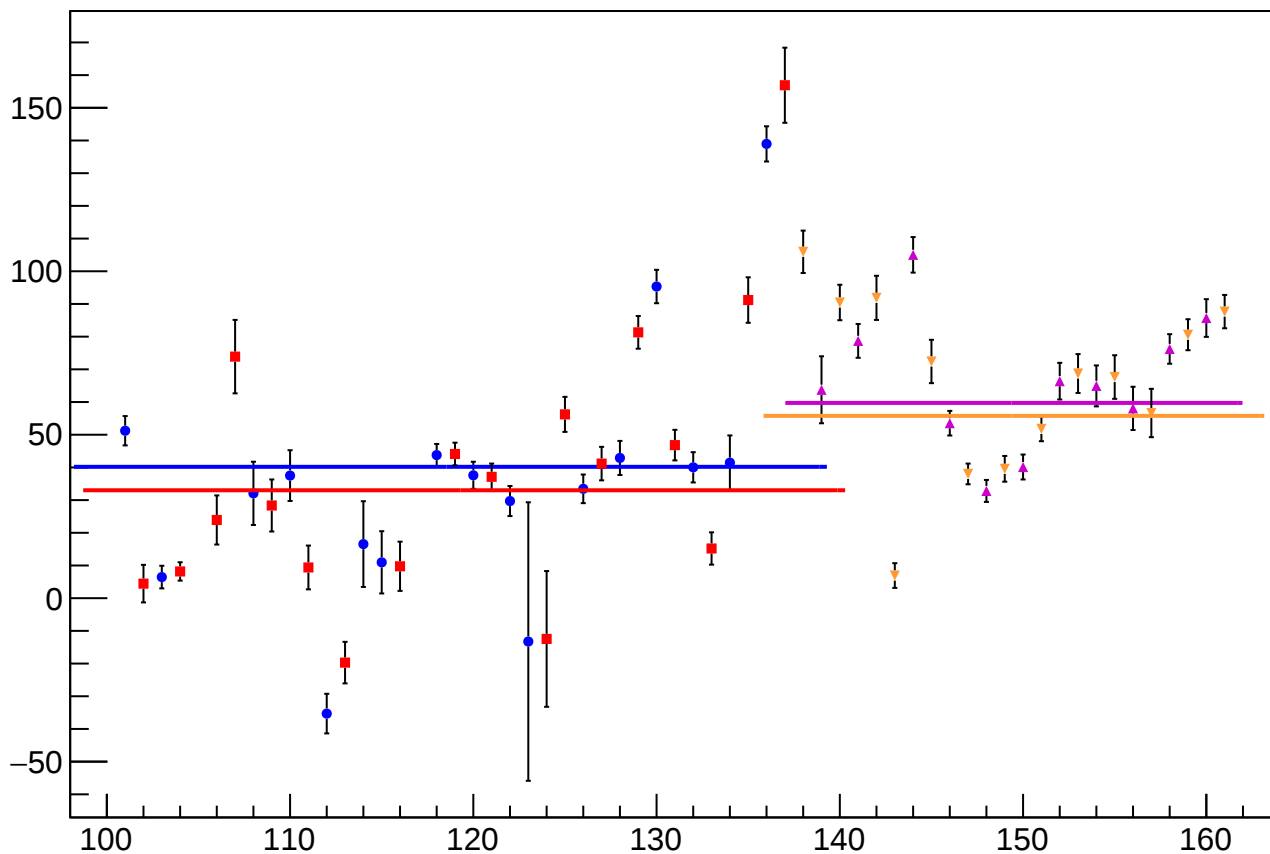
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 243.514 $\pm$ 1.320 χ^2 /NDF:7941.8/27

Out: 216.776 $\pm$ 1.259 χ^2 /NDF:13142.7/30

All: 229.509 $\pm$ 0.911 χ^2 /NDF: 21299.2/58

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 55.773+/-1.337 χ^2/NDF : 426.7/12

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 59.729+/-1.462 χ^2/NDF : 212.1/10

Left: 57.574+/-0.987 χ^2/NDF : 642.8/23

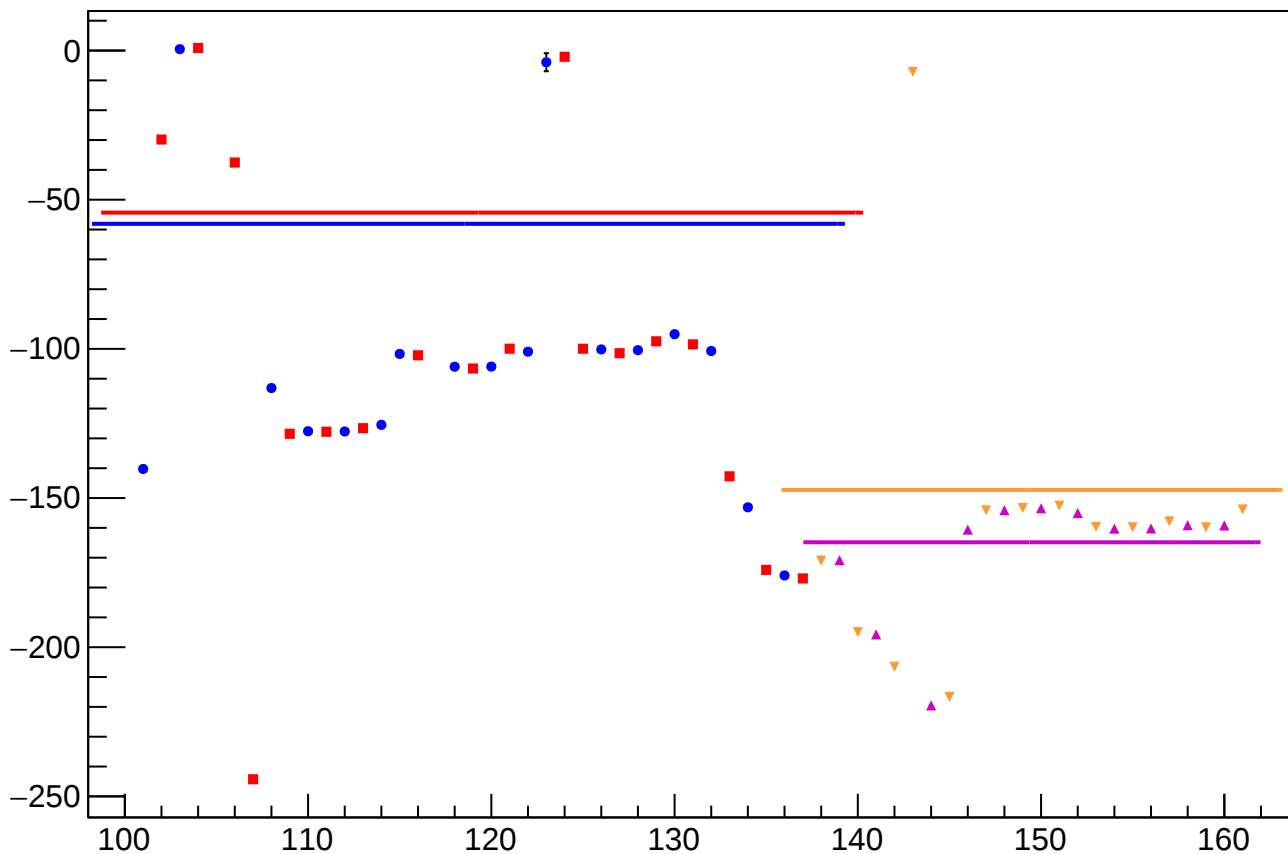
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 48.587+/-0.959 χ^2/NDF : 1048.0/27

Out: 43.650+/-0.914 χ^2/NDF : 1128.2/30

All: 46.001+/-0.662 χ^2/NDF : 2190.1/58

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: -147.273 $\pm$ 0.067 χ^2 /NDF: 654873.3/12

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -164.824 $\pm$ 0.071 χ^2 /NDF: 57908.5/10

Left: -155.569 $\pm$ 0.048 χ^2 /NDF: 745431.9/23

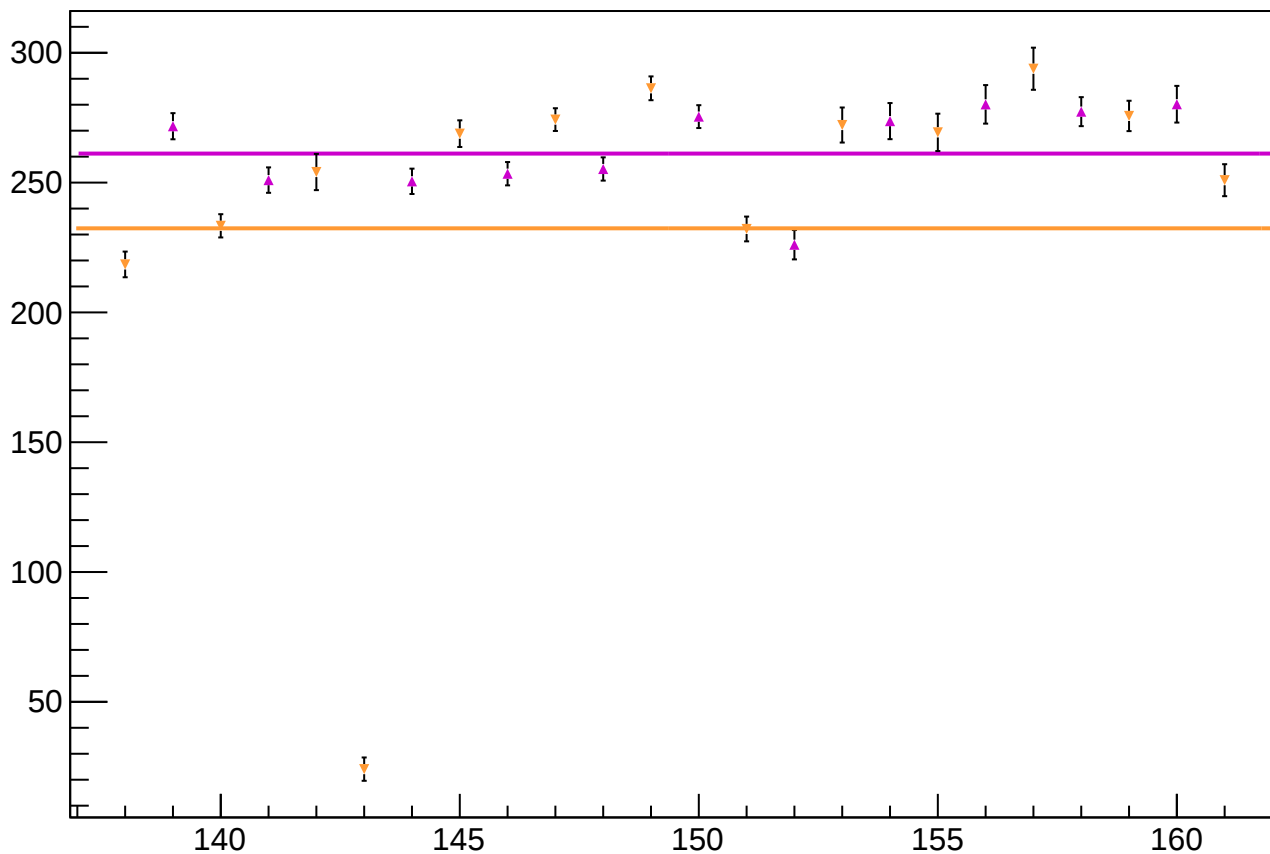
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -104.285 $\pm$ 0.046 χ^2 /NDF: 2461378.3/27

Out: -96.175 $\pm$ 0.045 χ^2 /NDF: 2710895.4/30

All: -100.088 $\pm$ 0.032 χ^2 /NDF: 5188076.1/58

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: 232.387+/-1.483 χ^2/NDF :2631.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 261.177+/-1.589 χ^2/NDF :92.6/10

Left: 245.795+/-1.084 χ^2/NDF : 2899.6/23

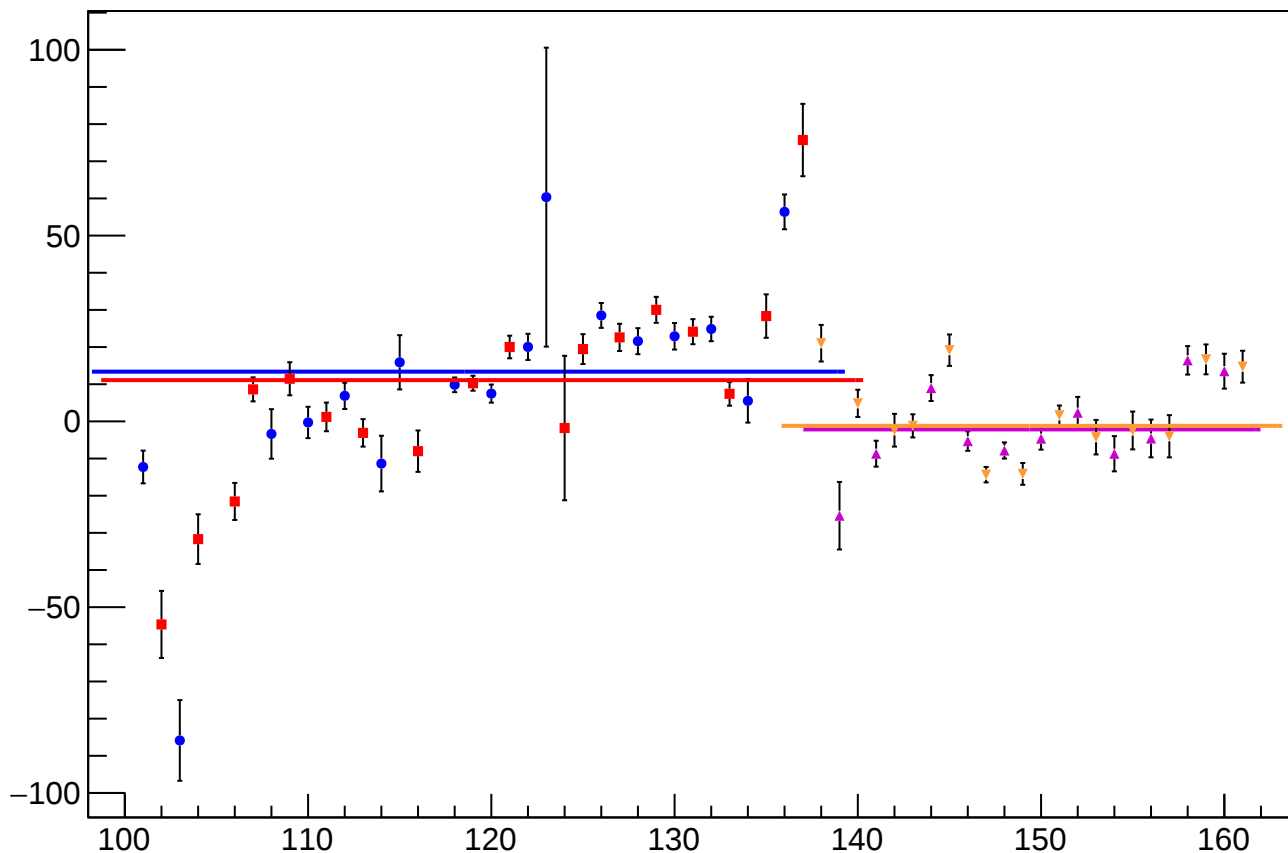
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.177+/-1.589 χ^2/NDF :92.6/10

Out: 232.387+/-1.483 χ^2/NDF :2631.5/12

All: 245.795+/-1.084 χ^2/NDF : 2899.6/23

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -1.198 ± 0.976 $\chi^2/\text{NDF}: 141.3/12$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -2.166 ± 1.055 $\chi^2/\text{NDF}: 67.1/10$

Left: -1.645 ± 0.716 $\chi^2/\text{NDF}: 208.8/23$

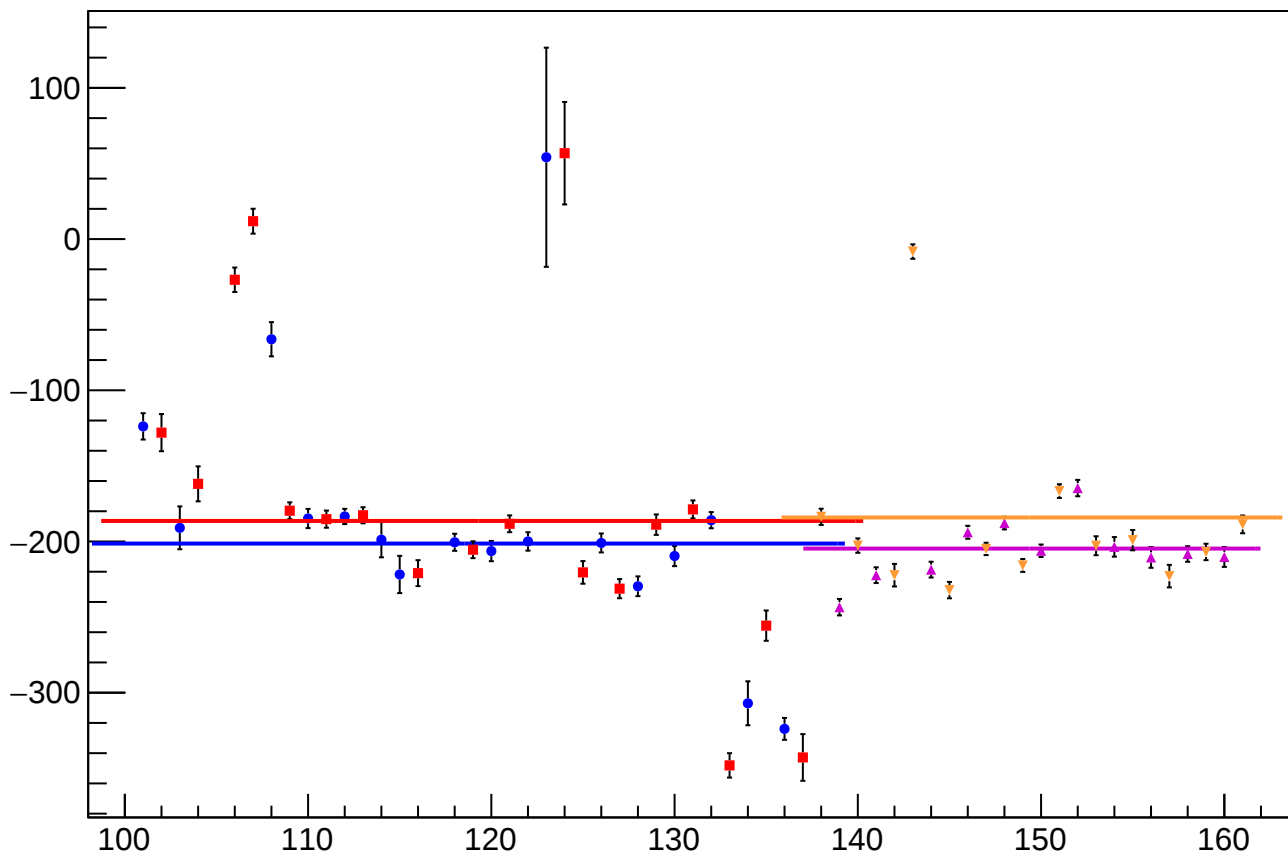
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 6.655 ± 0.694 $\chi^2/\text{NDF}: 484.5/27$

Out: 5.343 ± 0.668 $\chi^2/\text{NDF}: 518.0/30$

All: 5.973 ± 0.481 $\chi^2/\text{NDF}: 1004.4/58$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -184.125 ± 1.465 χ^2/NDF : 1621.9/12

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -204.691 ± 1.548 χ^2/NDF : 148.2/10

Left: -193.842 ± 1.064 χ^2/NDF : 1863.2/23

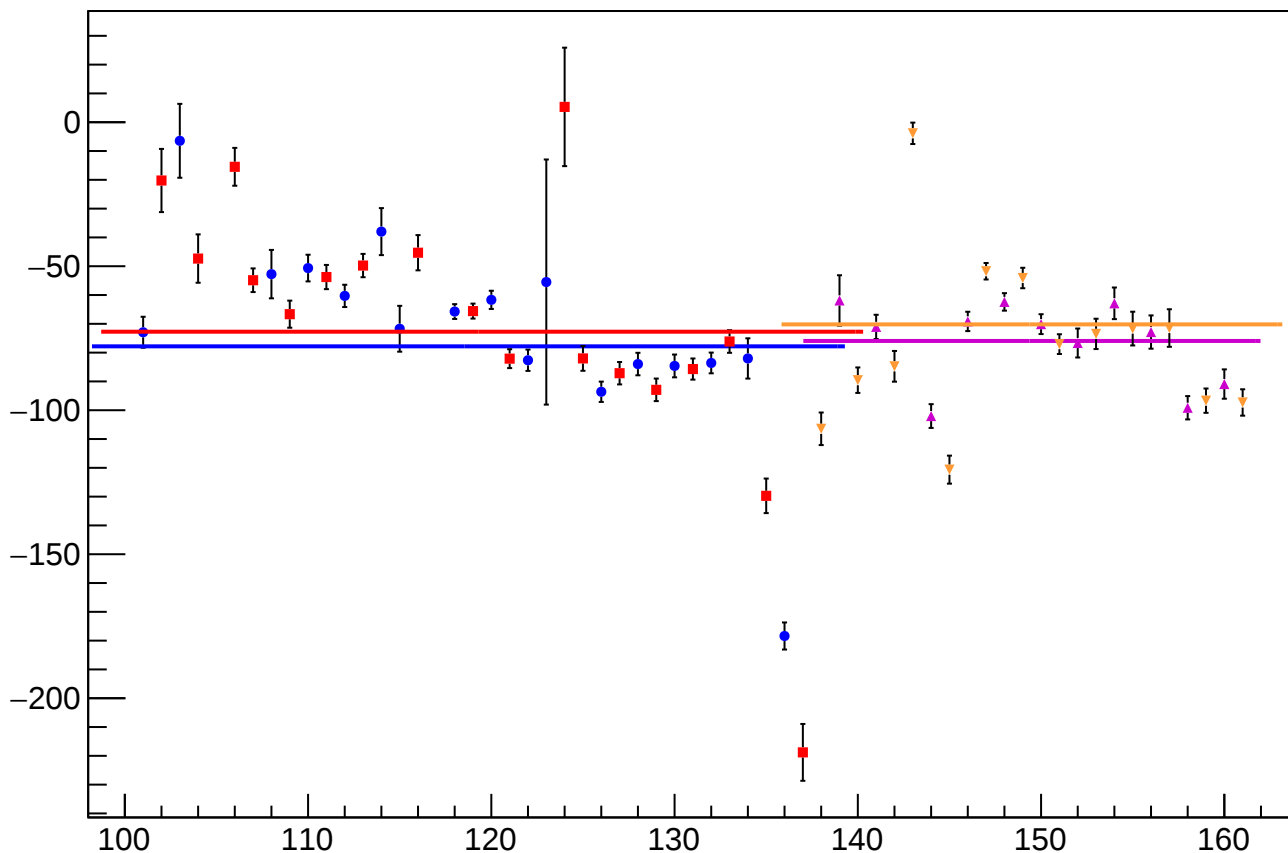
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -203.263 ± 1.169 χ^2/NDF : 775.2/27

Out: -185.097 ± 1.111 χ^2/NDF : 3322.3/30

All: -193.715 ± 0.805 χ^2/NDF : 4224.4/58

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: -70.191 ± 1.186 χ^2/NDF : 634.4/12

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -75.948 ± 1.278 χ^2/NDF : 118.2/10

Left: -72.854 ± 0.869 χ^2/NDF : 763.5/23

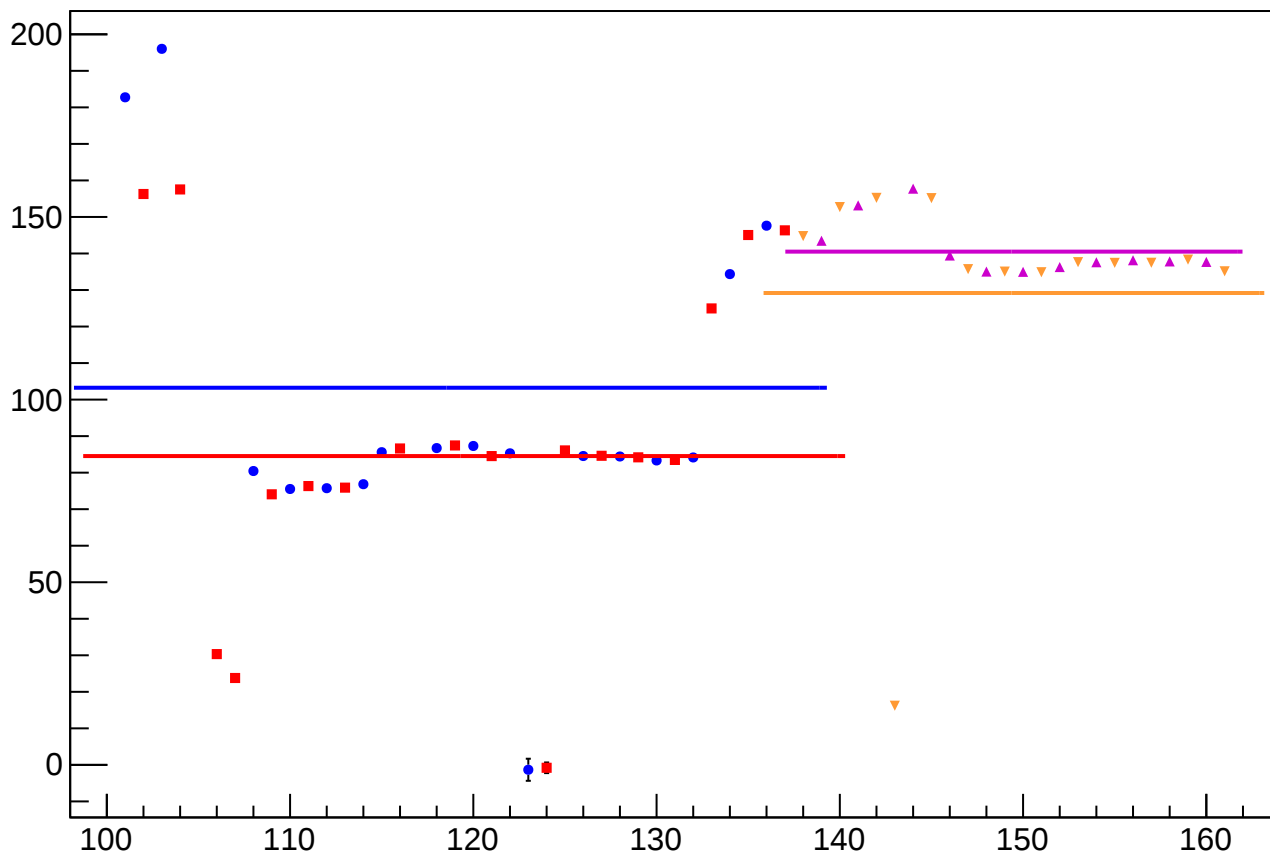
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.049 ± 0.820 χ^2/NDF : 775.8/27

Out: -71.612 ± 0.788 χ^2/NDF : 1236.0/30

All: -74.223 ± 0.568 χ^2/NDF : 2034.6/58

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: 129.184 $\pm$ 0.059 χ^2 /NDF: 395501.9/12

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 140.509 $\pm$ 0.061 χ^2 /NDF: 12511.2/10

Left: 134.599 $\pm$ 0.043 χ^2 /NDF: 425709.1/23

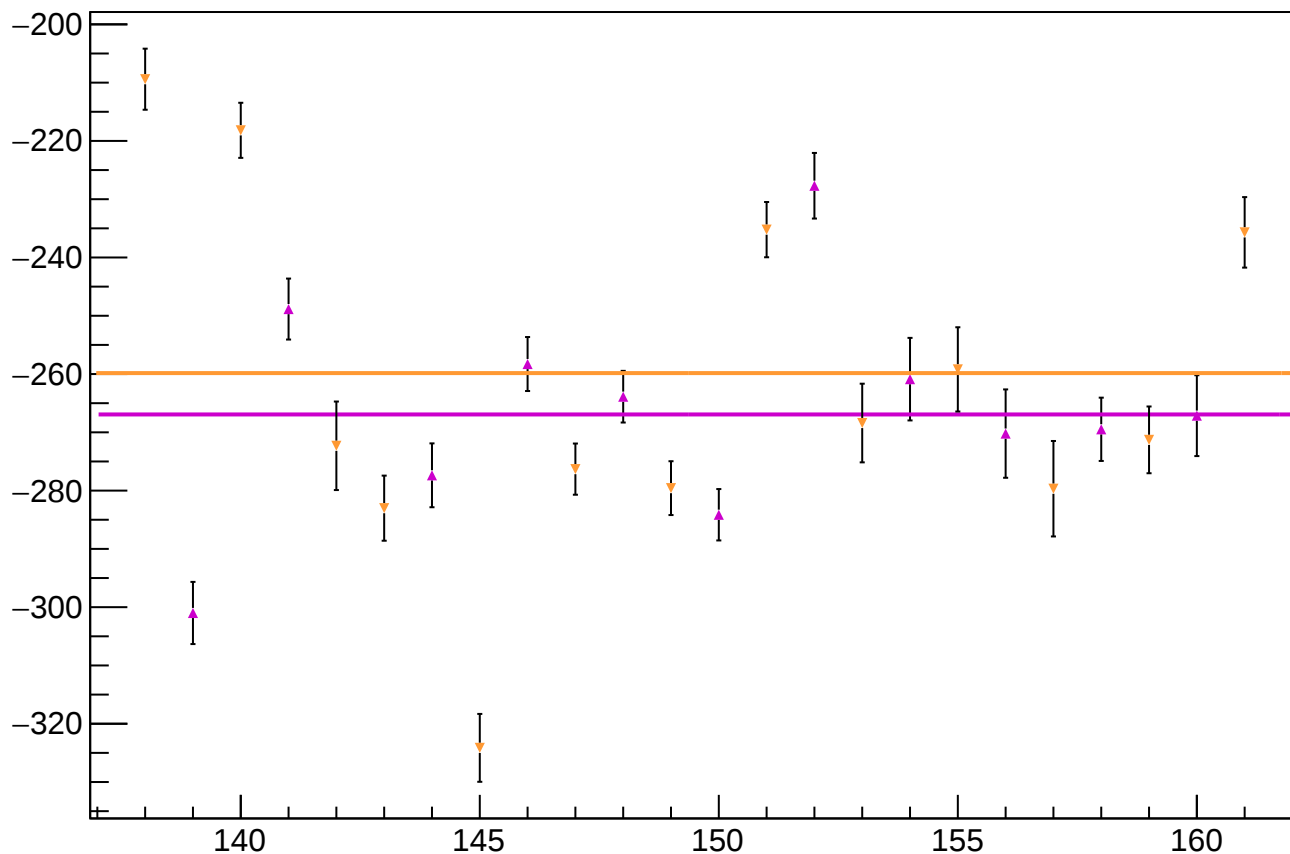
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 124.396 $\pm$ 0.046 χ^2 /NDF: 444638.8/27

Out: 108.693 $\pm$ 0.043 χ^2 /NDF: 1070828.5/30

All: 116.014 $\pm$ 0.032 χ^2 /NDF: 1576781.4/58

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.836+/-1.548 χ^2/NDF : 398.9/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.933+/-1.627 χ^2/NDF : 125.3/10

Left: -263.208+/-1.122 χ^2/NDF : 534.2/23

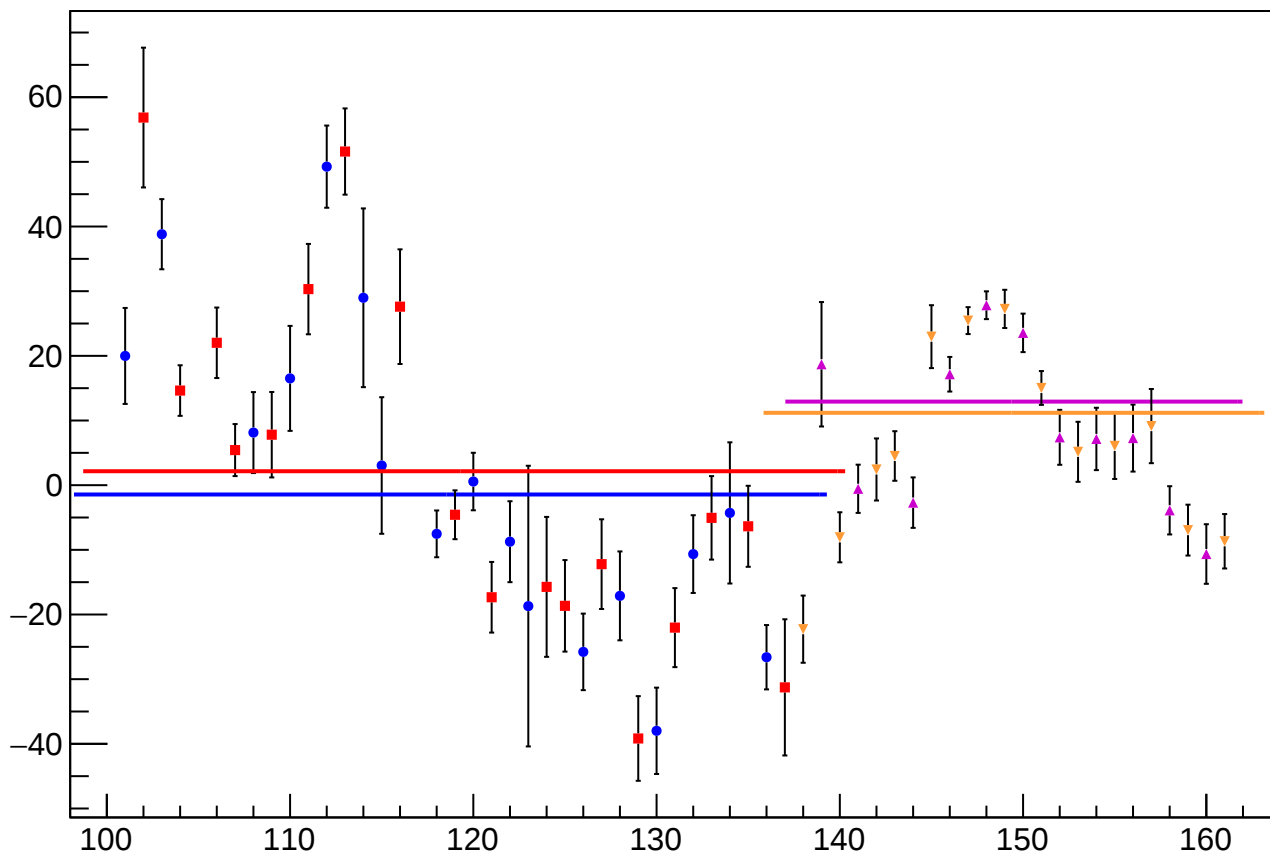
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.933+/-1.627 χ^2/NDF : 125.3/10

Out: -259.836+/-1.548 χ^2/NDF : 398.9/12

All: -263.208+/-1.122 χ^2/NDF : 534.2/23

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: 11.191 ± 1.007 χ^2/NDF : 203.4/12

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 12.924 ± 1.071 χ^2/NDF : 143.6/10

Left: 12.005 ± 0.734 χ^2/NDF : 348.4/23

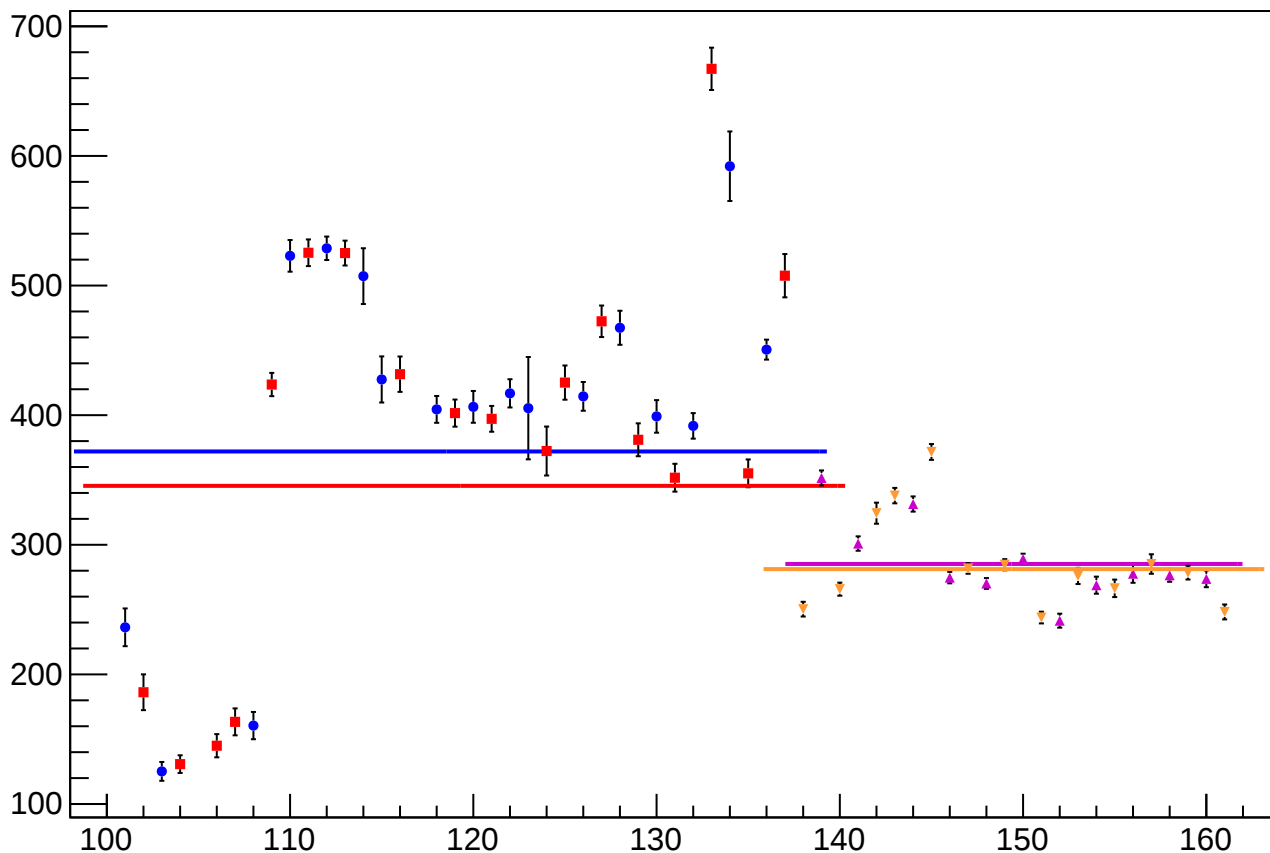
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 8.143 ± 0.875 χ^2/NDF : 427.9/27

Out: 8.112 ± 0.818 χ^2/NDF : 461.0/30

All: 8.126 ± 0.597 χ^2/NDF : 888.9/58

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: 281.241 $\pm$ 1.519 χ^2 /NDF:484.8/12

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 285.211 $\pm$ 1.579 χ^2 /NDF:301.4/10

Left: 283.148 $\pm$ 1.095 χ^2 /NDF: 789.5/23

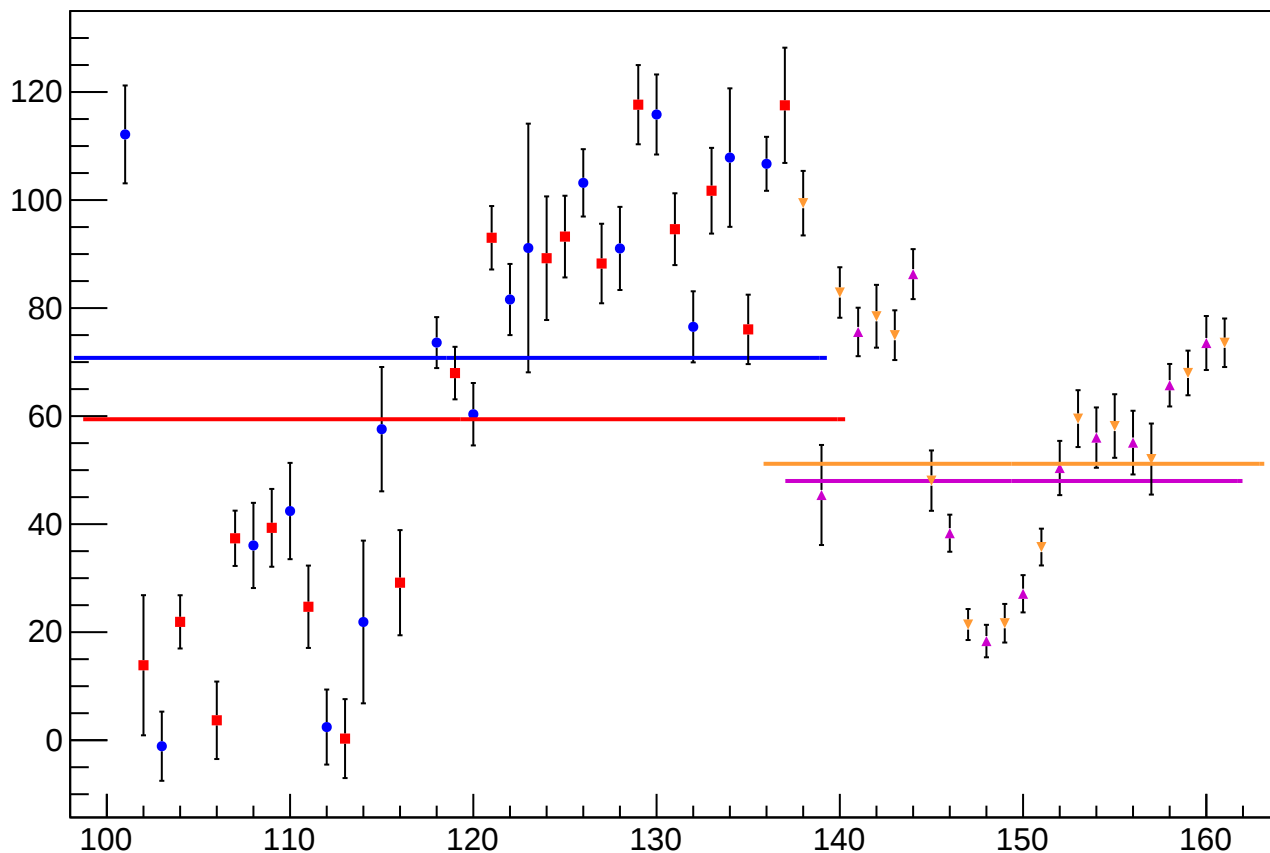
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 306.565 $\pm$ 1.371 χ^2 /NDF:3475.5/27

Out: 297.925 $\pm$ 1.307 χ^2 /NDF:4350.9/30

All: 302.037 $\pm$ 0.946 χ^2 /NDF: 7847.2/58

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: 51.173 $\pm$ 1.227 χ^2/NDF :402.0/12

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 47.989 $\pm$ 1.299 χ^2/NDF :298.2/10

Left: 49.672 $\pm$ 0.892 χ^2/NDF : 703.3/23

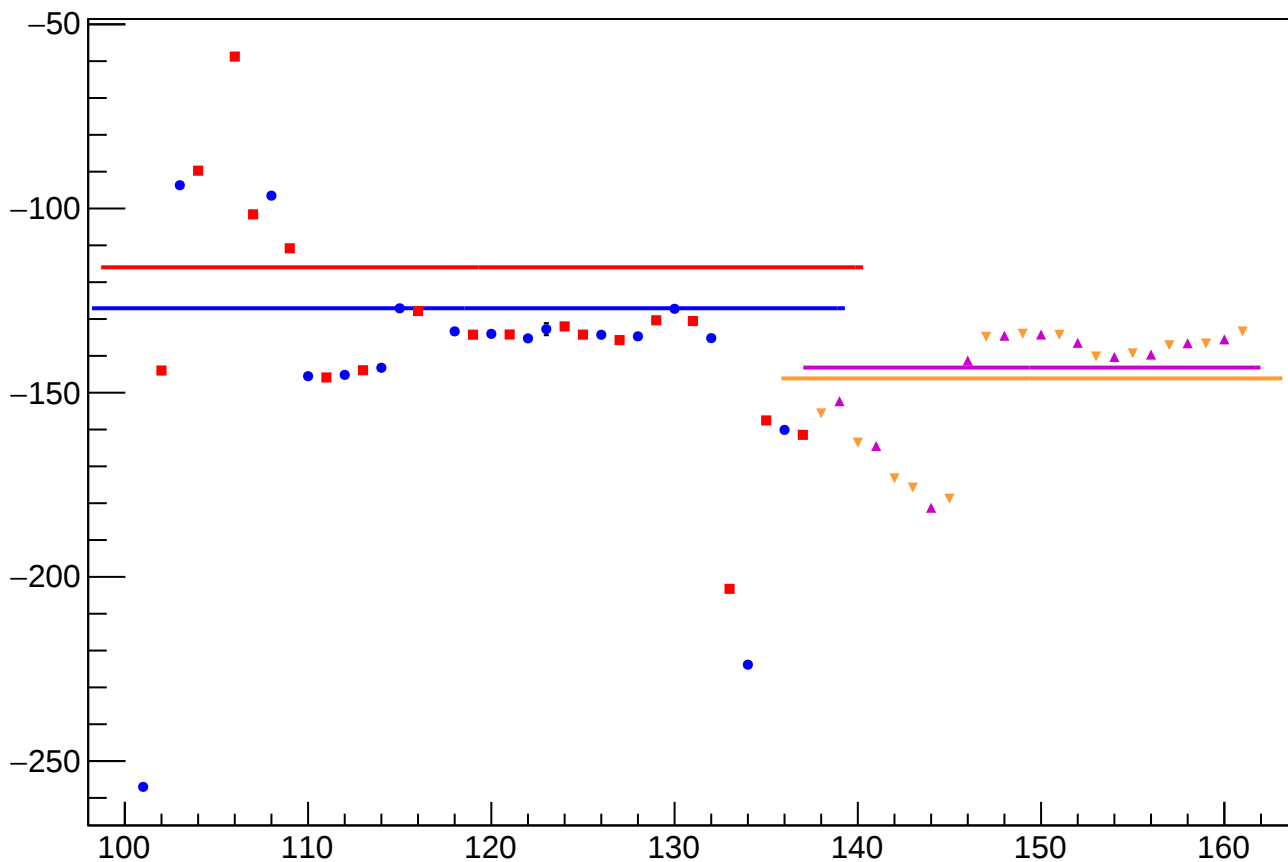
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 56.106 $\pm$ 1.042 χ^2/NDF :831.7/27

Out: 54.150 $\pm$ 0.981 χ^2/NDF :904.9/30

All: 55.068 $\pm$ 0.714 χ^2/NDF : 1738.5/58

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: -146.116+/-0.061 χ^2/NDF : 68576.0/12

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -143.181+/-0.063 χ^2/NDF : 41800.9/10

Left: -144.687+/-0.044 χ^2/NDF : 111502.5/23

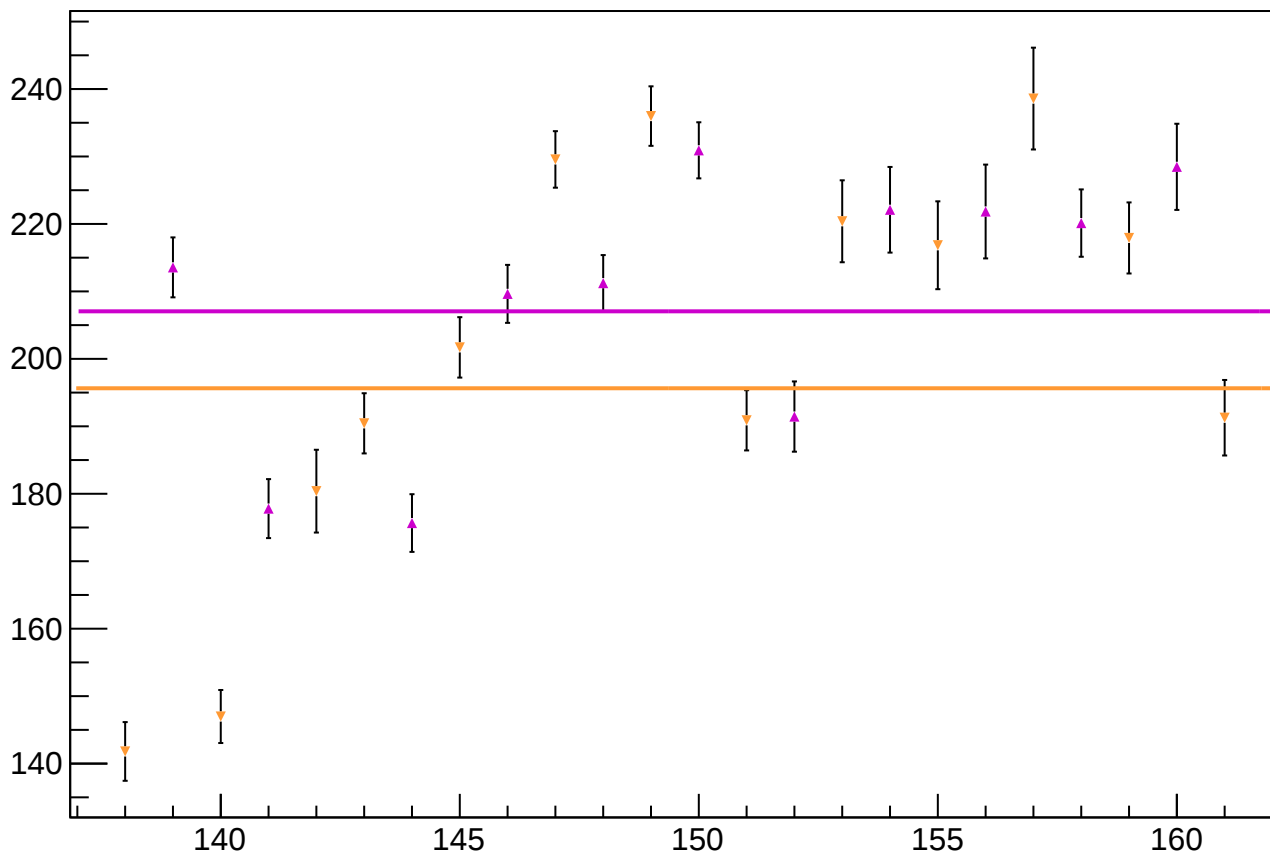
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.886+/-0.051 χ^2/NDF : 230550.1/27

Out: -135.535+/-0.049 χ^2/NDF : 313216.5/30

All: -136.660+/-0.036 χ^2/NDF : 544860.5/58

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 195.640+/-1.362 χ^2/NDF :544.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.047+/-1.452 χ^2/NDF :172.3/10

Left: 200.981+/-0.993 χ^2/NDF : 749.3/23

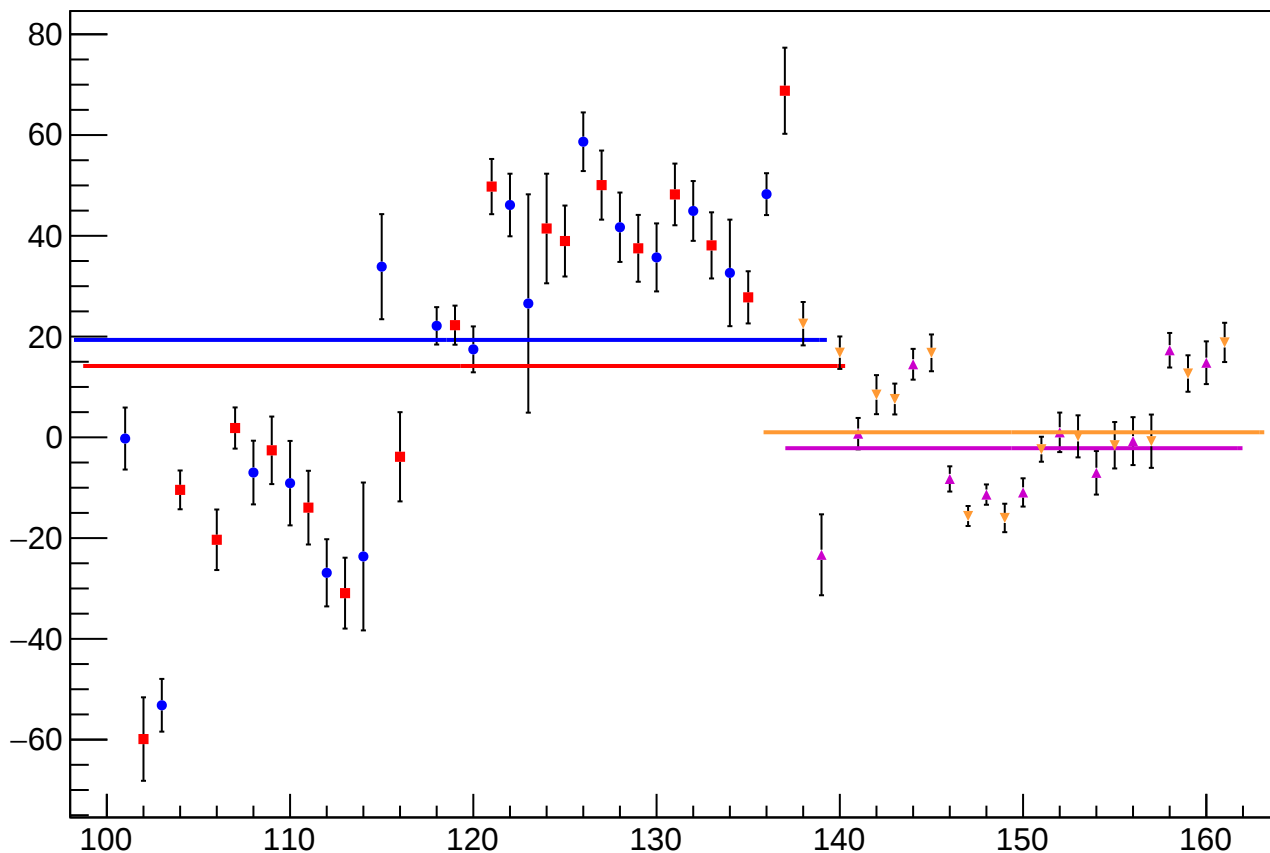
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.047+/-1.452 χ^2/NDF :172.3/10

Out: 195.640+/-1.362 χ^2/NDF :544.1/12

All: 200.981+/-0.993 χ^2/NDF : 749.3/23

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: 1.006 ± 0.904 $\chi^2/\text{NDF}: 216.1/12$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -2.156 ± 0.971 $\chi^2/\text{NDF}: 124.2/10$

Left: -0.463 ± 0.662 $\chi^2/\text{NDF}: 346.0/23$

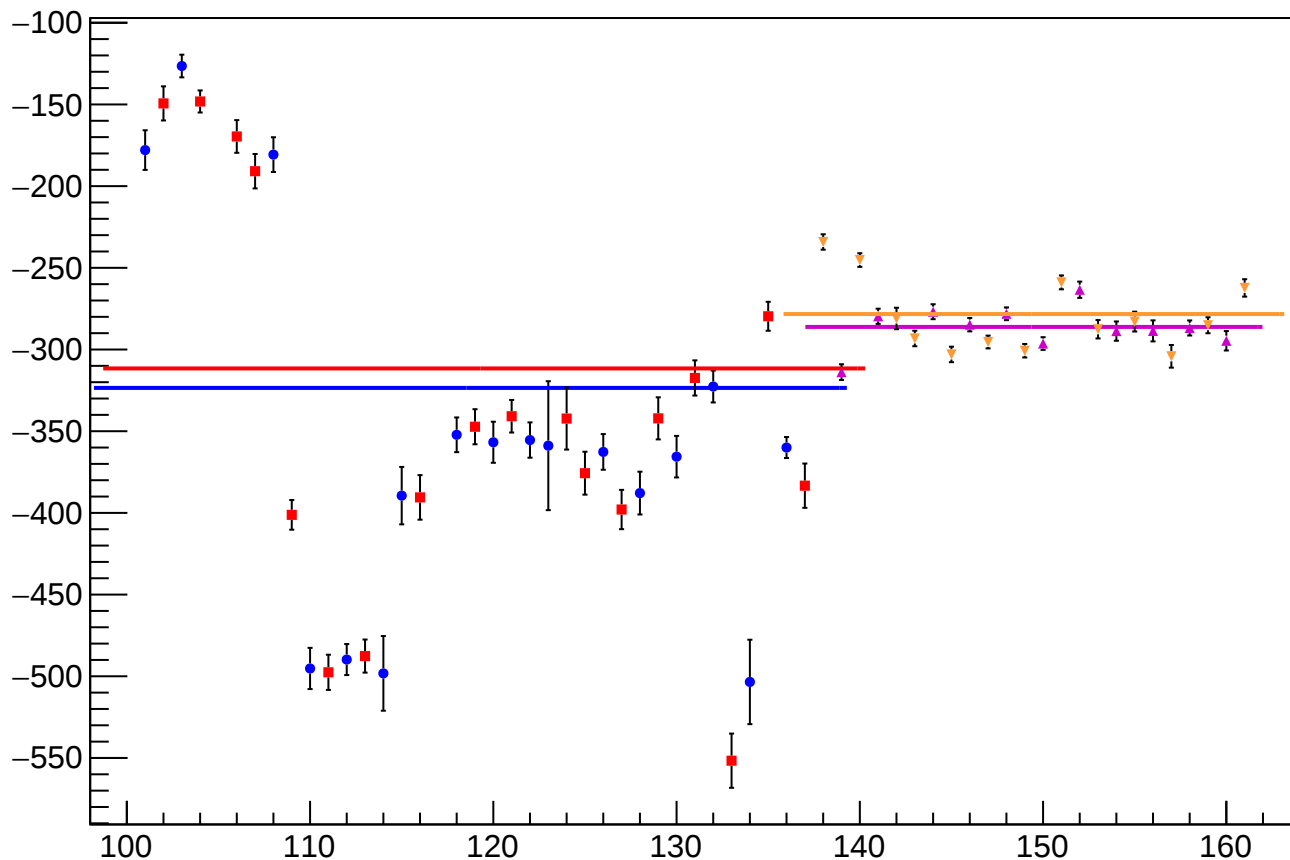
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 4.295 ± 0.812 $\chi^2/\text{NDF}: 711.2/27$

Out: 4.914 ± 0.758 $\chi^2/\text{NDF}: 705.0/30$

All: 4.625 ± 0.554 $\chi^2/\text{NDF}: 1416.5/58$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -278.289 ± 1.349 $\chi^2/\text{NDF}: 284.7/12$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -286.166 ± 1.419 $\chi^2/\text{NDF}: 73.7/10$

Left: -282.030 ± 0.978 $\chi^2/\text{NDF}: 374.5/23$

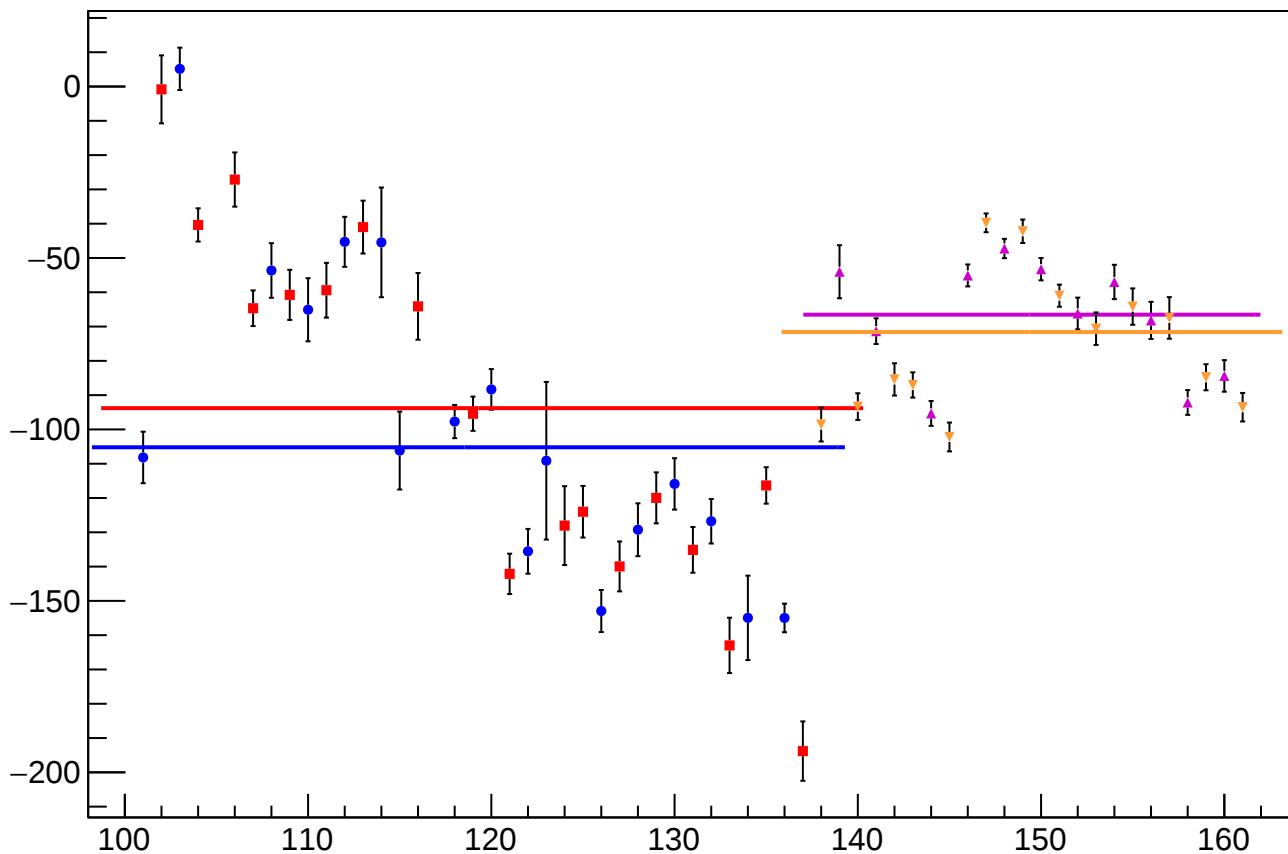
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -294.370 ± 1.253 $\chi^2/\text{NDF}: 2073.4/27$

Out: -285.671 ± 1.190 $\chi^2/\text{NDF}: 2663.5/30$

All: -289.796 ± 0.863 $\chi^2/\text{NDF}: 4762.2/58$

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: -71.601 ± 1.096 χ^2/NDF : 402.7/12

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -66.531 ± 1.174 χ^2/NDF : 212.6/10

Left: -69.240 ± 0.801 χ^2/NDF : 625.2/23

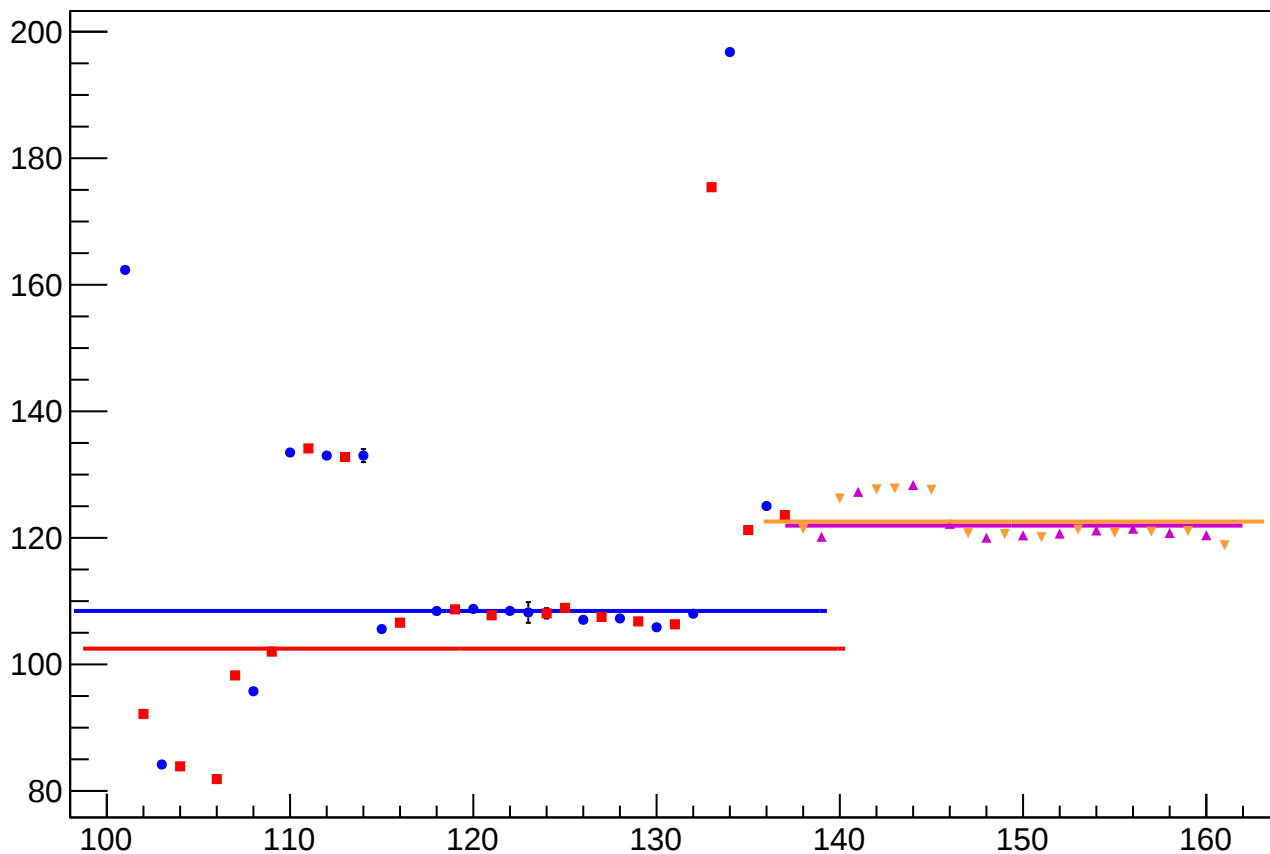
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -79.048 ± 0.965 χ^2/NDF : 1299.6/27

Out: -78.622 ± 0.906 χ^2/NDF : 1347.8/30

All: -78.822 ± 0.661 χ^2/NDF : 2647.5/58

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.581 $\pm$ 0.054 χ^2 /NDF: 3262.3/12

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.935 $\pm$ 0.056 χ^2 /NDF: 2326.1/10

Left: 122.271 $\pm$ 0.039 χ^2 /NDF: 5656.9/23

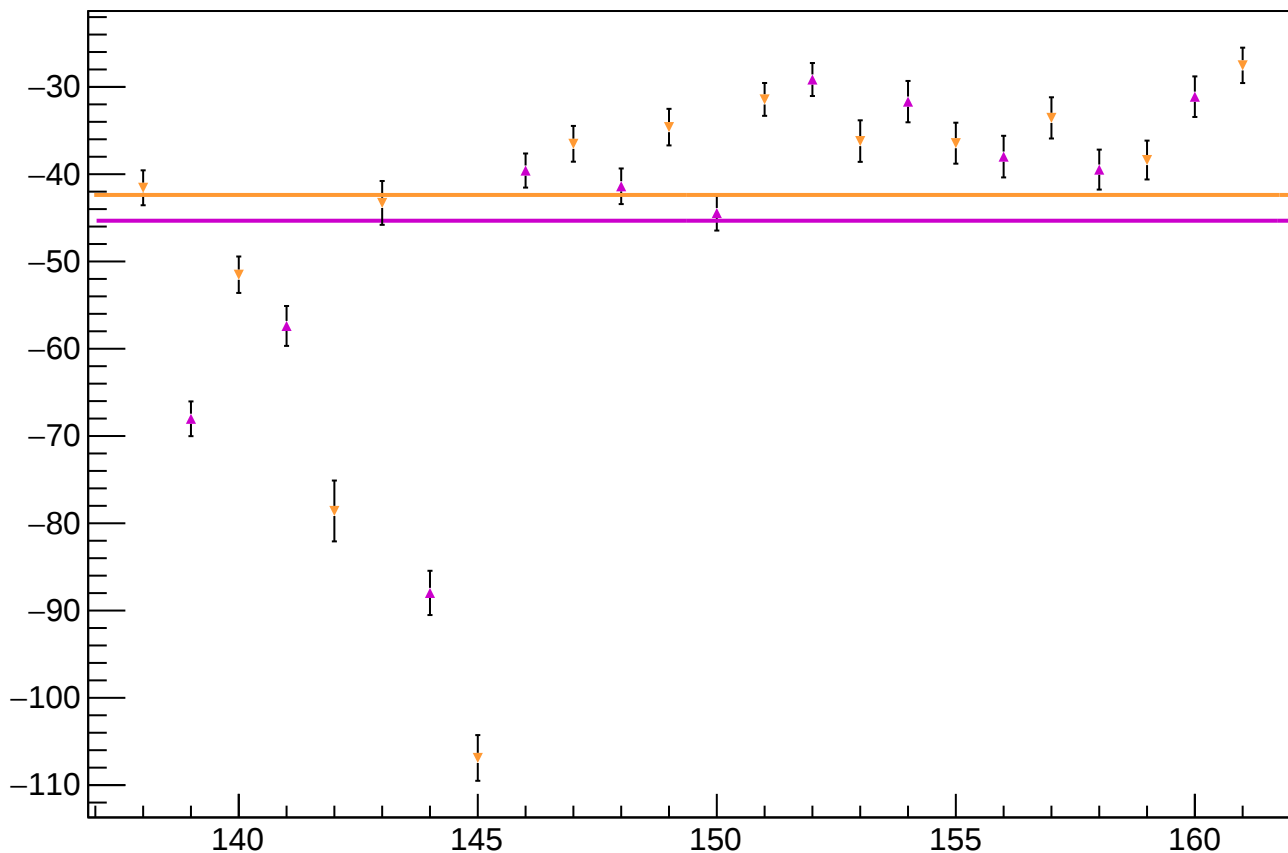
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.818 $\pm$ 0.047 χ^2 /NDF: 93167.2/27

Out: 116.237 $\pm$ 0.045 χ^2 /NDF: 99759.0/30

All: 116.991 $\pm$ 0.032 χ^2 /NDF: 193521.8/58

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: -42.377+/-0.621 χ^2/NDF : 873.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.331+/-0.651 χ^2/NDF : 613.2/10

Left: -43.783+/-0.449 χ^2/NDF : 1497.7/23

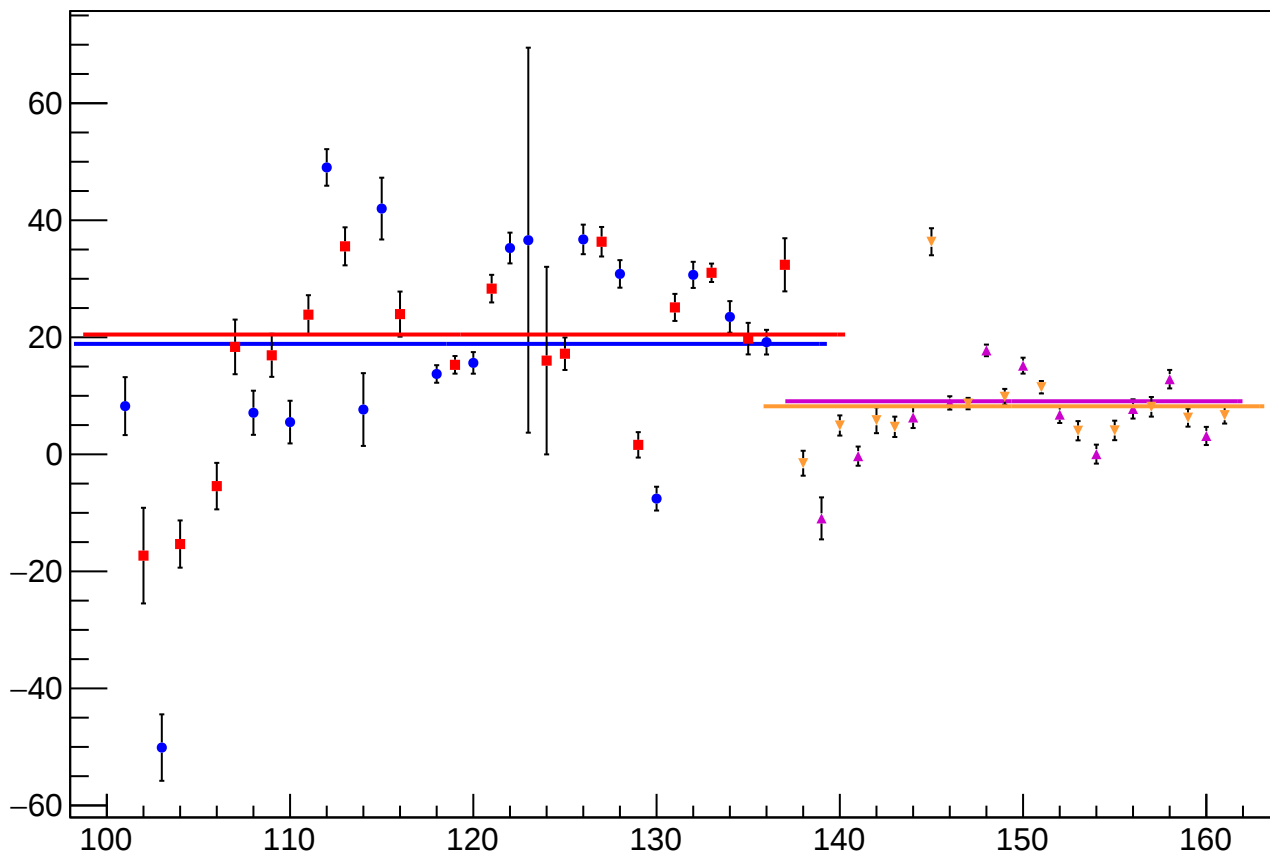
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.331+/-0.651 χ^2/NDF : 613.2/10

Out: -42.377+/-0.621 χ^2/NDF : 873.8/12

All: -43.783+/-0.449 χ^2/NDF : 1497.7/23

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 8.211 ± 0.417 χ^2/NDF : 204.2/12

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 9.072 ± 0.441 χ^2/NDF : 217.6/10

Left: 8.617 ± 0.303 χ^2/NDF : 423.8/23

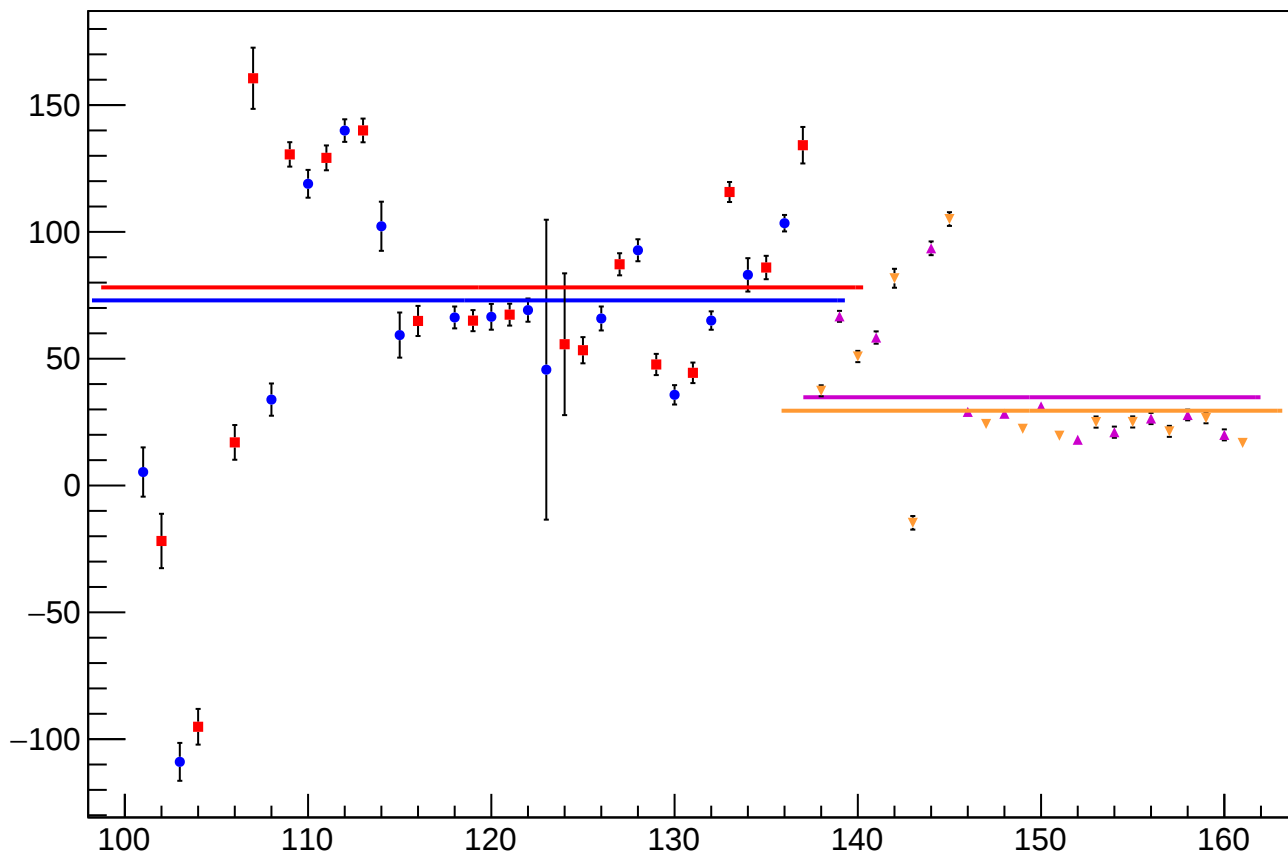
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 12.201 ± 0.364 χ^2/NDF : 995.7/27

Out: 11.831 ± 0.350 χ^2/NDF : 822.5/30

All: 12.009 ± 0.252 χ^2/NDF : 1818.7/58

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 29.493 ± 0.605 χ^2/NDF : 1472.3/12

Right Out: 78.119 ± 1.224 χ^2/NDF : 1546.8/17

Left In: 34.802 ± 0.630 χ^2/NDF : 1004.0/10

Left: 32.040 ± 0.437 χ^2/NDF : 2513.2/23

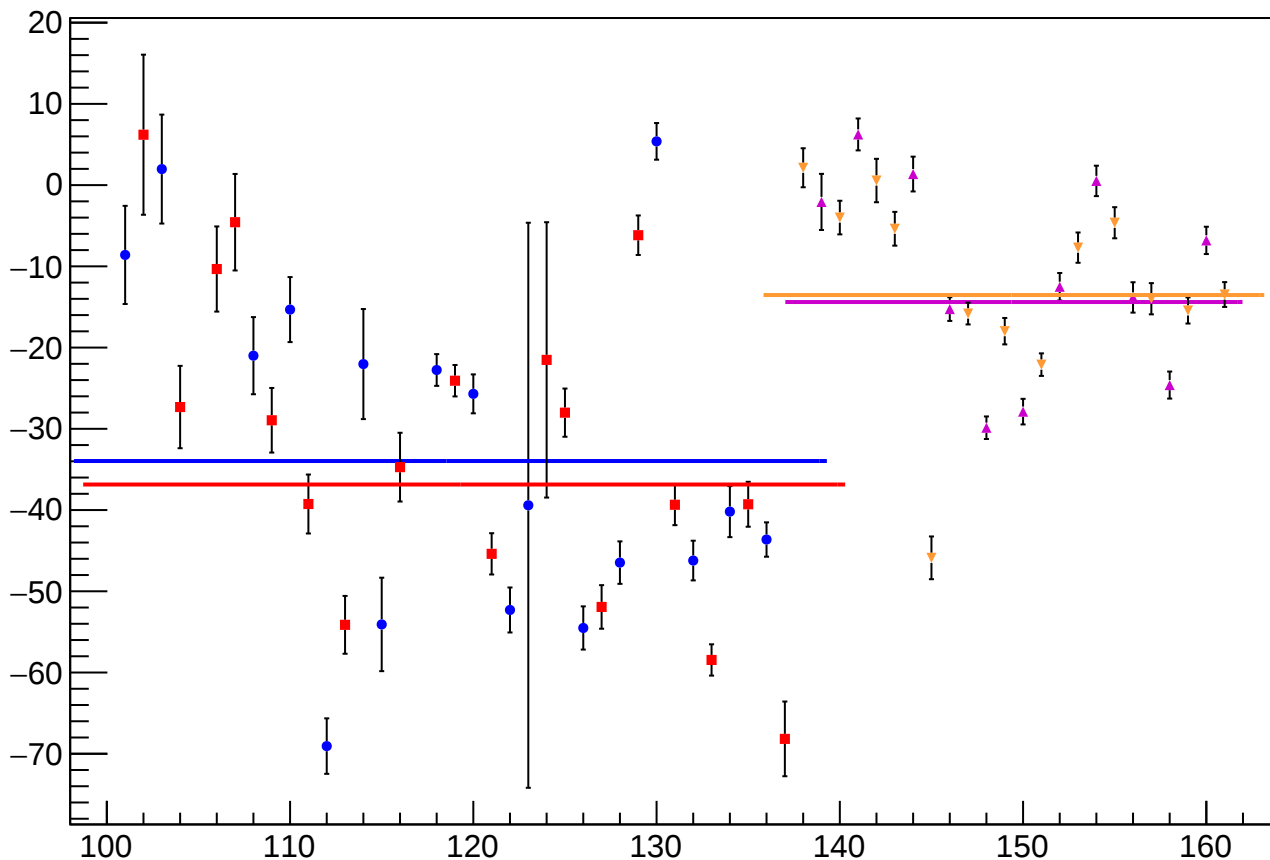
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 42.746 ± 0.561 χ^2/NDF : 2973.0/27

Out: 39.051 ± 0.543 χ^2/NDF : 4287.4/30

All: 40.837 ± 0.390 χ^2/NDF : 7282.8/58

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 $\chi^2/\text{NDF}: 721.9/16$

Left Out: -13.530 ± 0.499 $\chi^2/\text{NDF}: 339.6/12$

Right Out: -36.856 ± 0.737 $\chi^2/\text{NDF}: 535.3/17$

Left In: -14.392 ± 0.528 $\chi^2/\text{NDF}: 497.7/10$

Left: -13.936 ± 0.363 $\chi^2/\text{NDF}: 838.7/23$

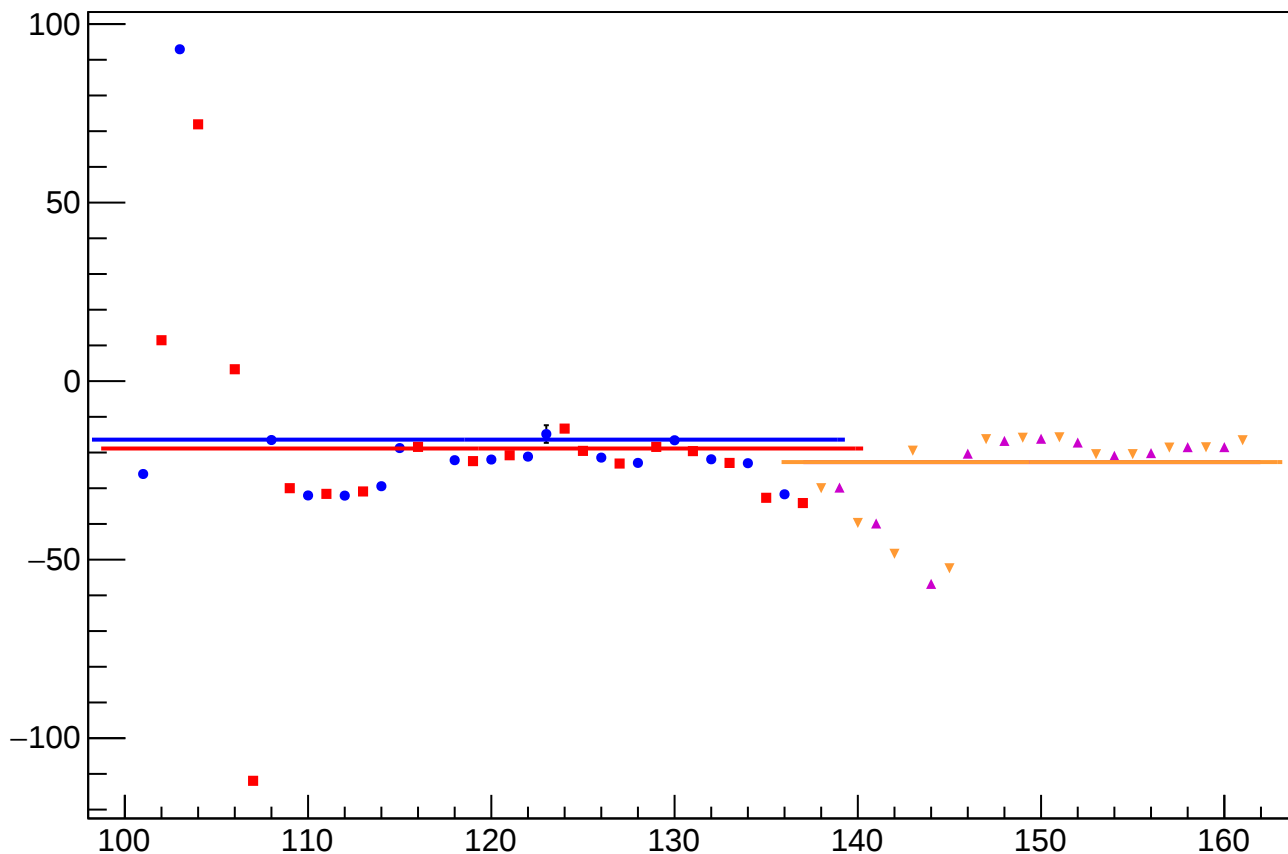
Right: -35.411 ± 0.521 $\chi^2/\text{NDF}: 1264.9/34$

In: -21.025 ± 0.429 $\chi^2/\text{NDF}: 1685.2/27$

Out: -20.856 ± 0.413 $\chi^2/\text{NDF}: 1562.1/30$

All: -20.937 ± 0.298 $\chi^2/\text{NDF}: 3247.4/58$

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: -22.673 ± 0.024 $\chi^2/\text{NDF}: 180417.6/12$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -22.680 ± 0.024 $\chi^2/\text{NDF}: 147790.0/10$

Left: -22.676 ± 0.017 $\chi^2/\text{NDF}: 328207.6/23$

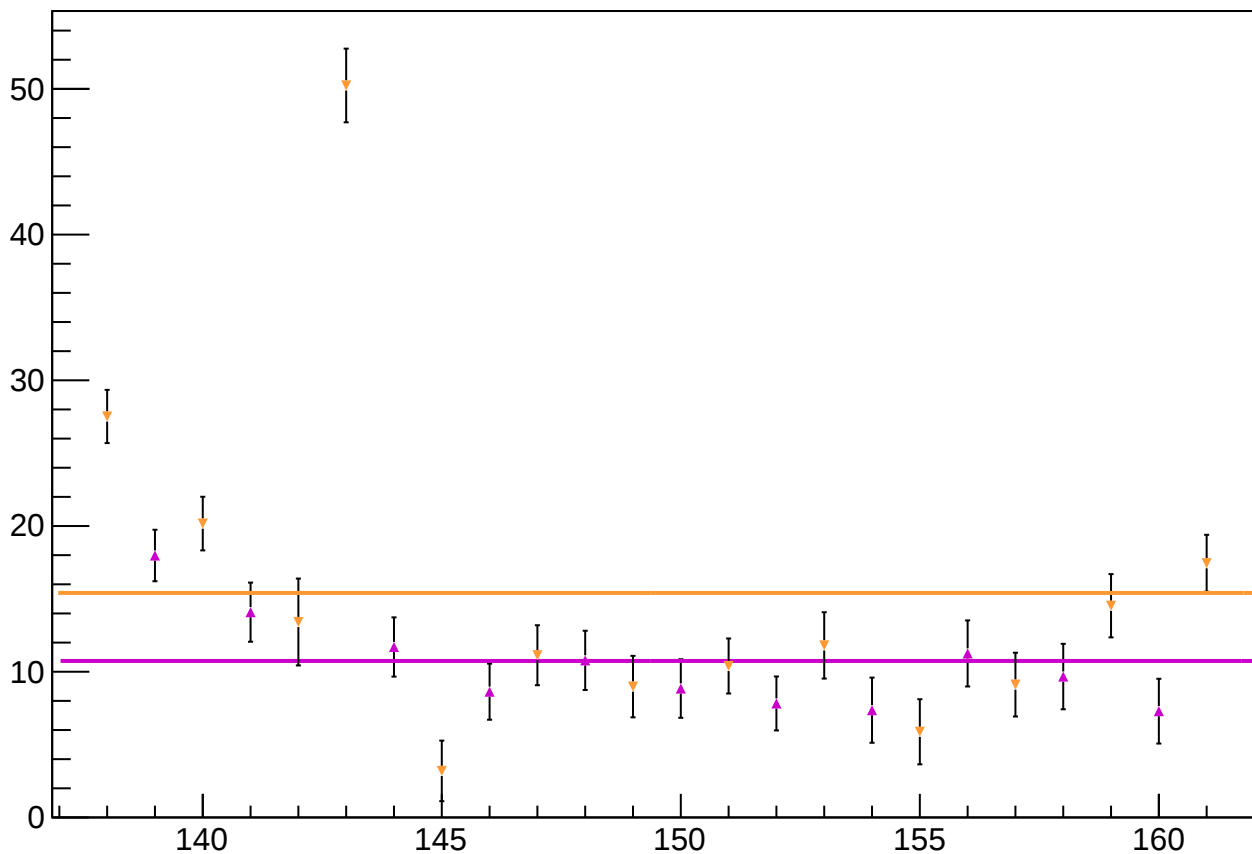
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -21.215 ± 0.021 $\chi^2/\text{NDF}: 637457.9/27$

Out: -21.859 ± 0.021 $\chi^2/\text{NDF}: 619319.6/30$

All: -21.544 ± 0.015 $\chi^2/\text{NDF}: 1257237.5/58$

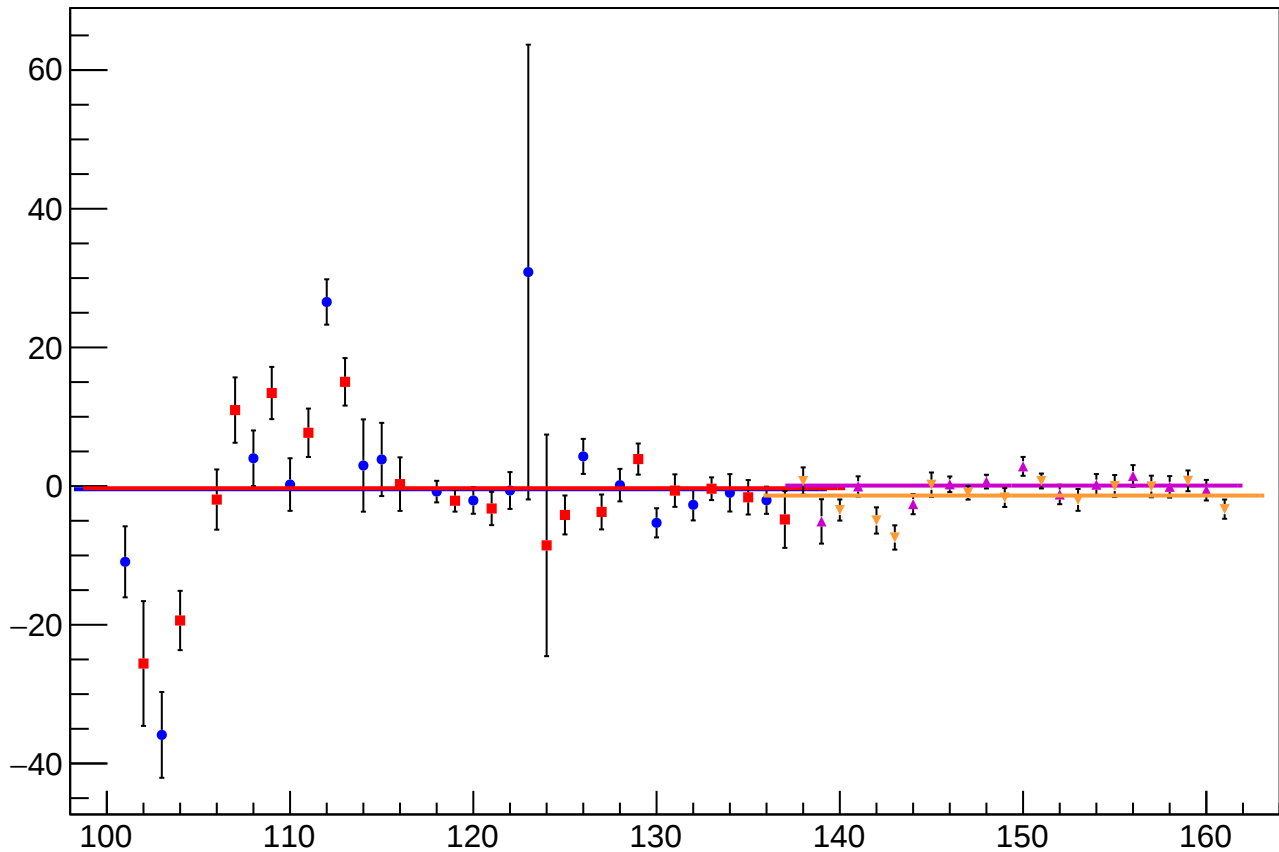
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 15.408 ± 0.586 $\chi^2/\text{NDF}: 326.3/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 10.740 ± 0.614 $\chi^2/\text{NDF}: 29.3/10$

Left: 13.184 ± 0.424 $\chi^2/\text{NDF}: 385.8/23$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 10.740 ± 0.614 $\chi^2/\text{NDF}: 29.3/10$
 Out: 15.408 ± 0.586 $\chi^2/\text{NDF}: 326.3/12$
 All: 13.184 ± 0.424 $\chi^2/\text{NDF}: 385.8/23$

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: -1.361 ± 0.400 χ^2/NDF : 29.0/12

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.075 ± 0.423 χ^2/NDF : 12.3/10

Left: -0.683 ± 0.290 χ^2/NDF : 47.4/23

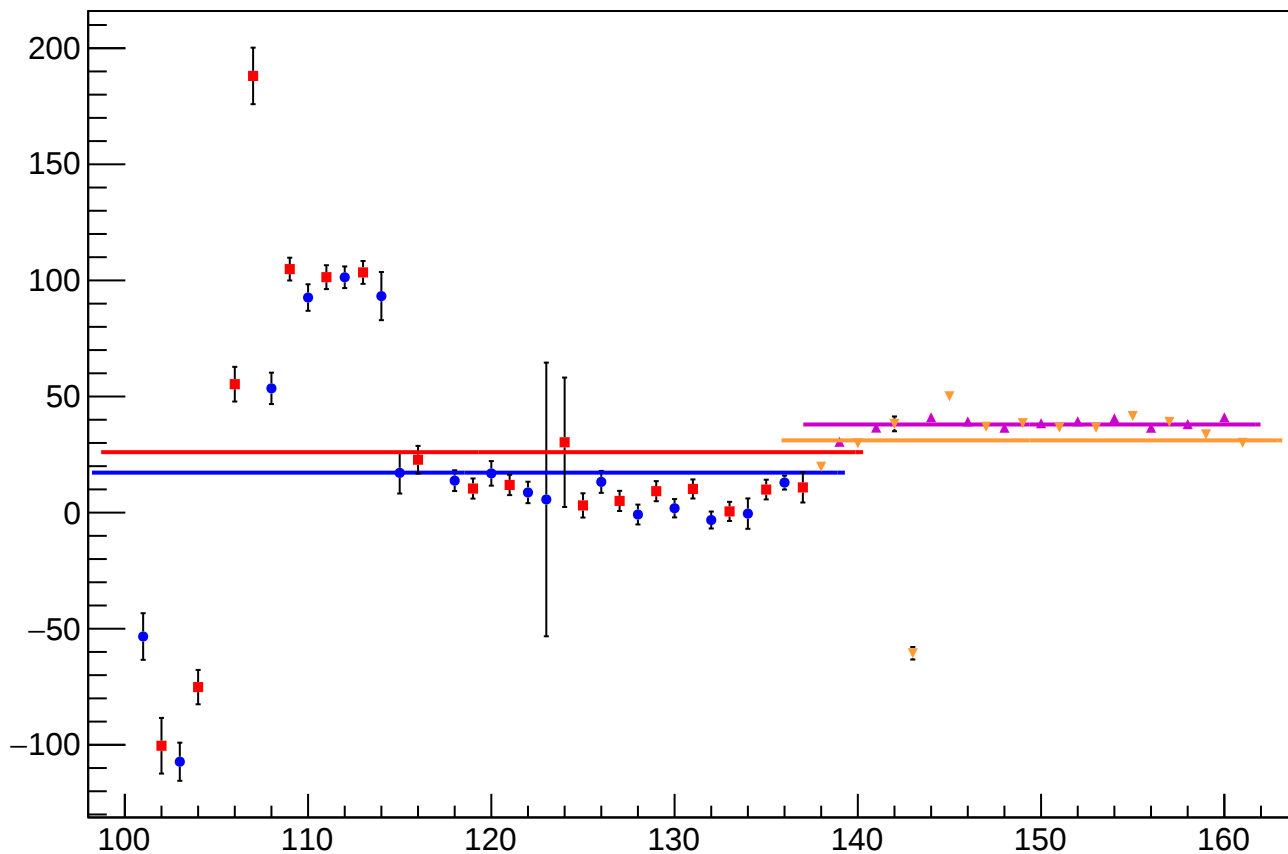
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.080 ± 0.355 χ^2/NDF : 132.3/27

Out: -1.076 ± 0.342 χ^2/NDF : 115.0/30

All: -0.597 ± 0.246 χ^2/NDF : 251.4/58

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 31.109 ± 0.575 $\chi^2/\text{NDF}: 1352.4/12$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 37.956 ± 0.598 $\chi^2/\text{NDF}: 23.7/10$

Left: 34.395 ± 0.414 $\chi^2/\text{NDF}: 1444.2/23$

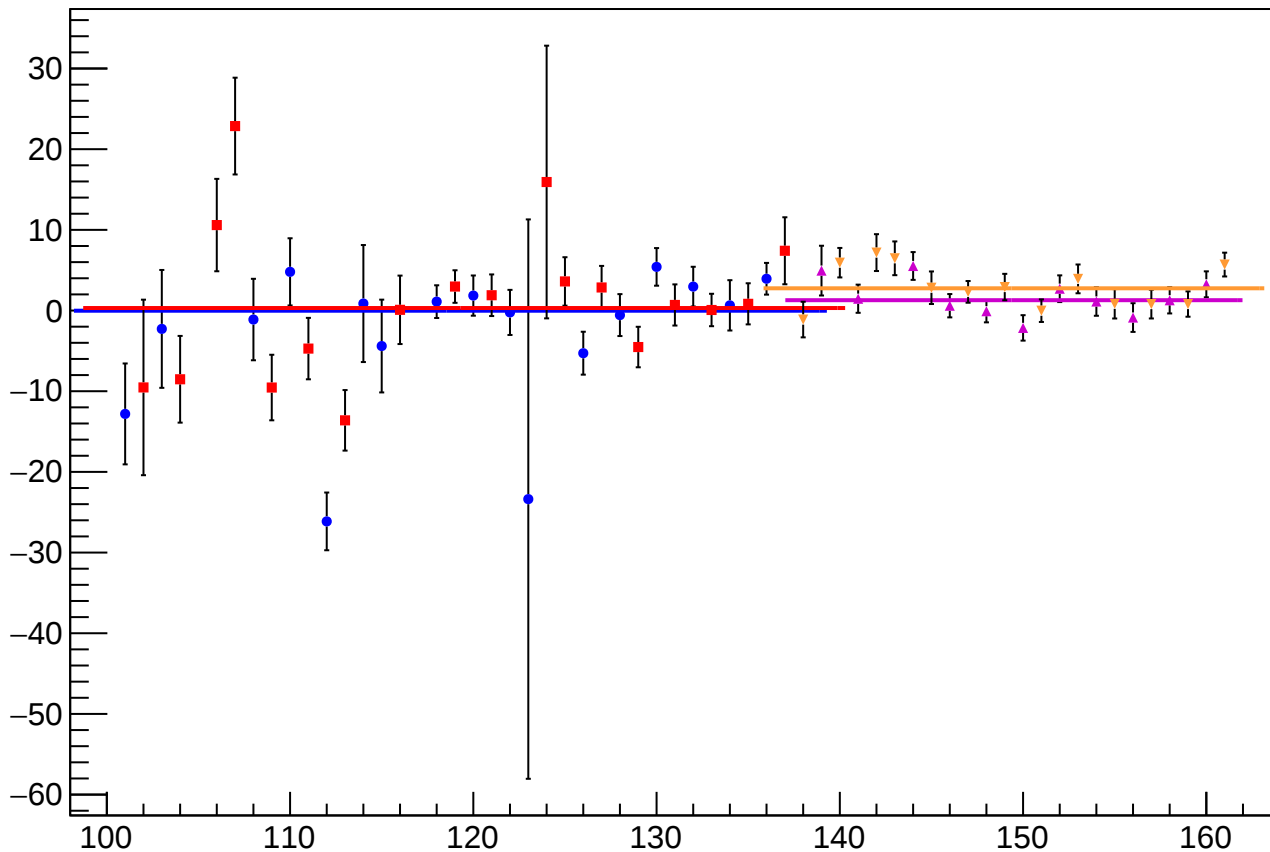
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 34.046 ± 0.539 $\chi^2/\text{NDF}: 1190.4/27$

Out: 30.216 ± 0.522 $\chi^2/\text{NDF}: 2732.1/30$

All: 32.069 ± 0.375 $\chi^2/\text{NDF}: 3948.6/58$

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: 2.757 ± 0.477 χ^2/NDF : 25.3/12

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.283 ± 0.504 χ^2/NDF : 17.1/10

Left: 2.061 ± 0.346 χ^2/NDF : 47.0/23

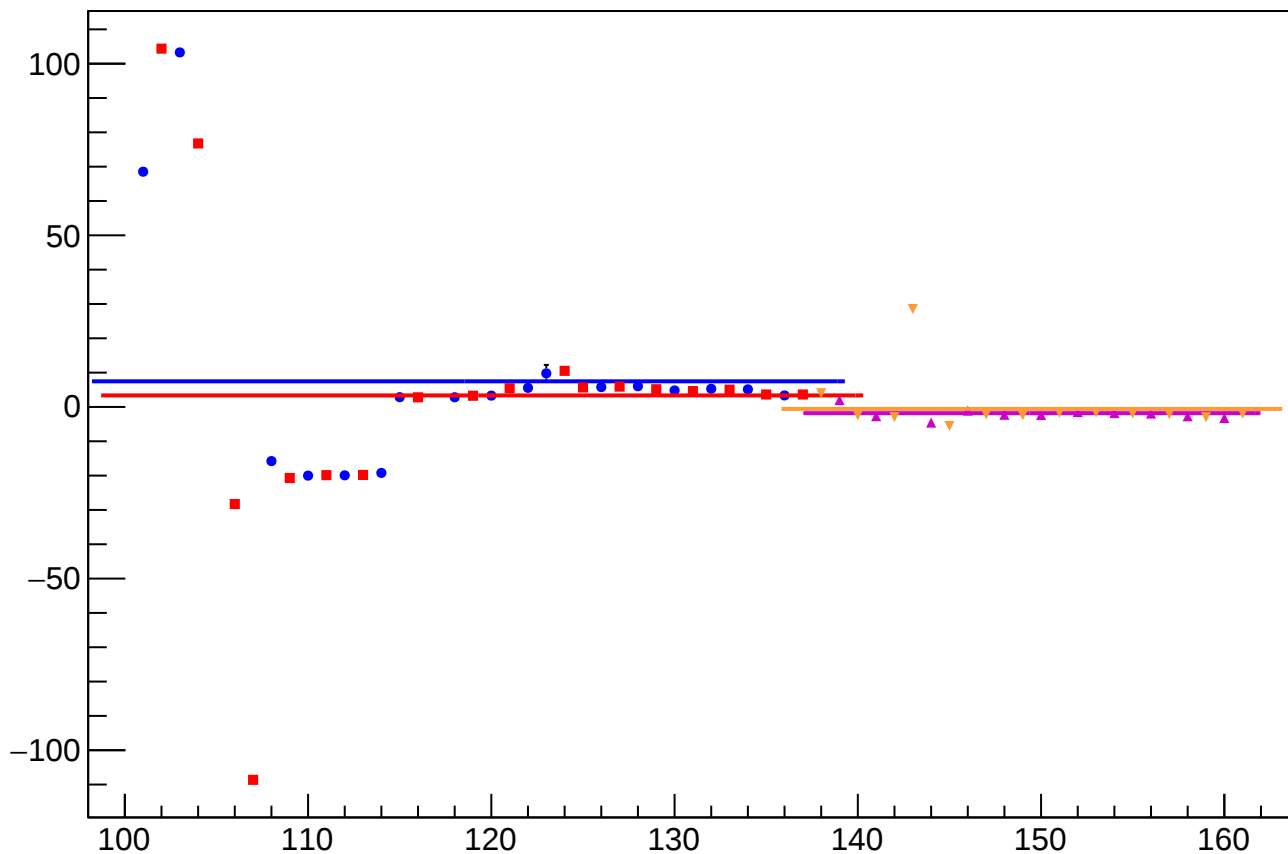
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.873 ± 0.417 χ^2/NDF : 95.1/27

Out: 2.052 ± 0.402 χ^2/NDF : 87.0/30

All: 1.485 ± 0.290 χ^2/NDF : 186.2/58

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.567 $\pm$ 0.022 χ^2 /NDF: 83524.2/12

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.807 $\pm$ 0.023 χ^2 /NDF: 4801.1/10

Left: -1.164 $\pm$ 0.016 χ^2 /NDF: 89805.1/23

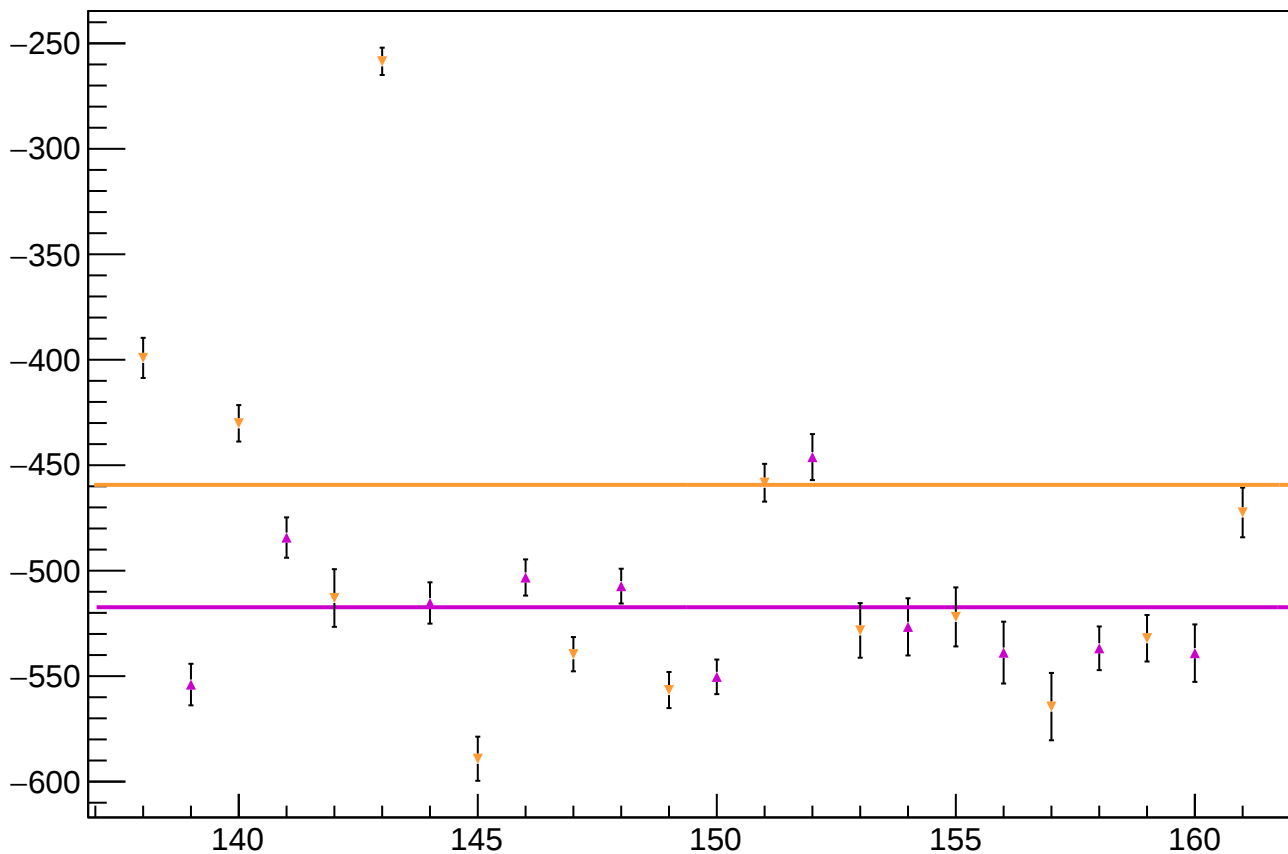
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.177 $\pm$ 0.021 χ^2 /NDF: 394875.5/27

Out: 0.196 $\pm$ 0.020 χ^2 /NDF: 594318.1/30

All: 0.187 $\pm$ 0.014 χ^2 /NDF: 989194.0/58

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: -459.314+/-2.727 χ^2/NDF :1545.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -517.328+/-3.041 χ^2/NDF :97.5/10

Left: -485.167+/-2.030 χ^2/NDF : 1844.6/23

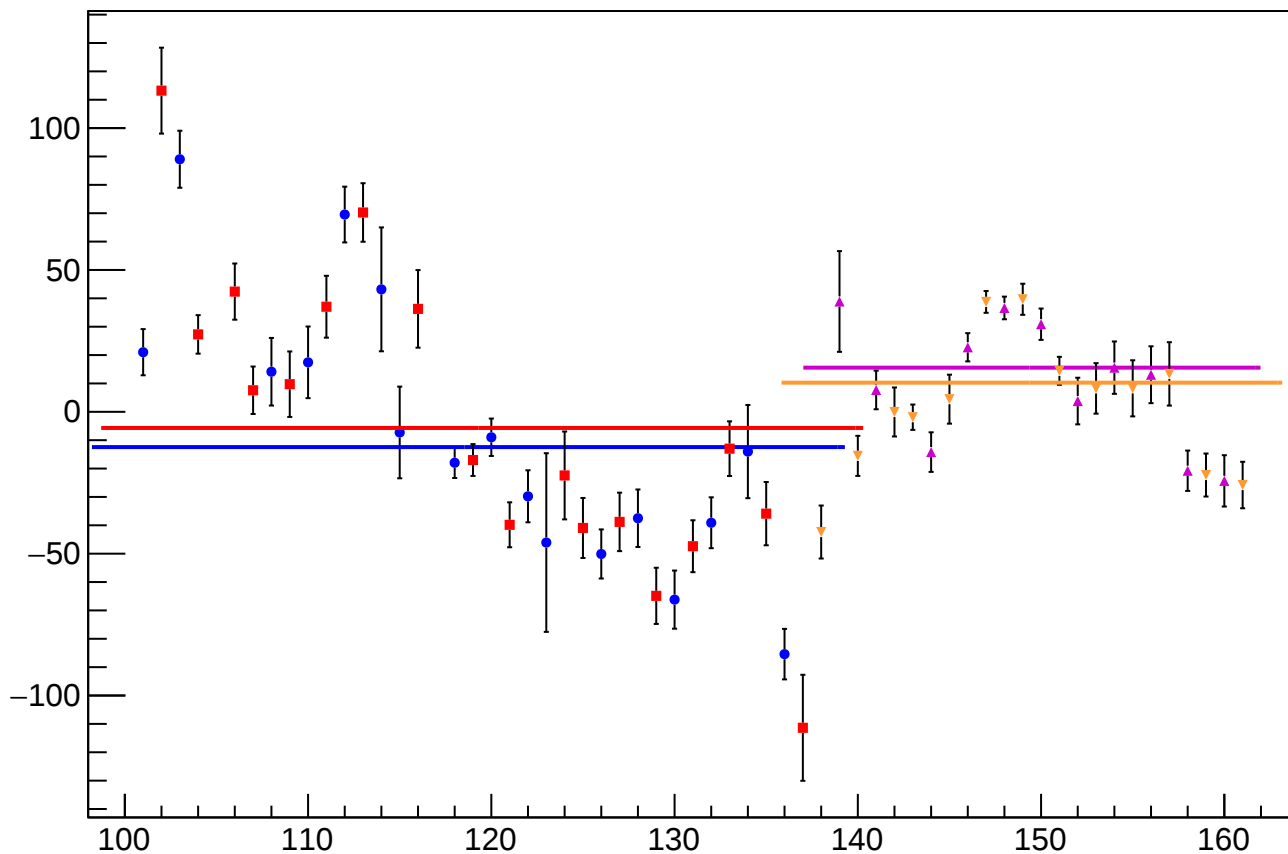
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.328+/-3.041 χ^2/NDF :97.5/10

Out: -459.314+/-2.727 χ^2/NDF :1545.4/12

All: -485.167+/-2.030 χ^2/NDF : 1844.6/23

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 10.280 ± 1.785 χ^2/NDF : 176.8/12

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 15.567 ± 2.001 χ^2/NDF : 106.5/10

Left: 12.622 ± 1.332 χ^2/NDF : 287.2/23

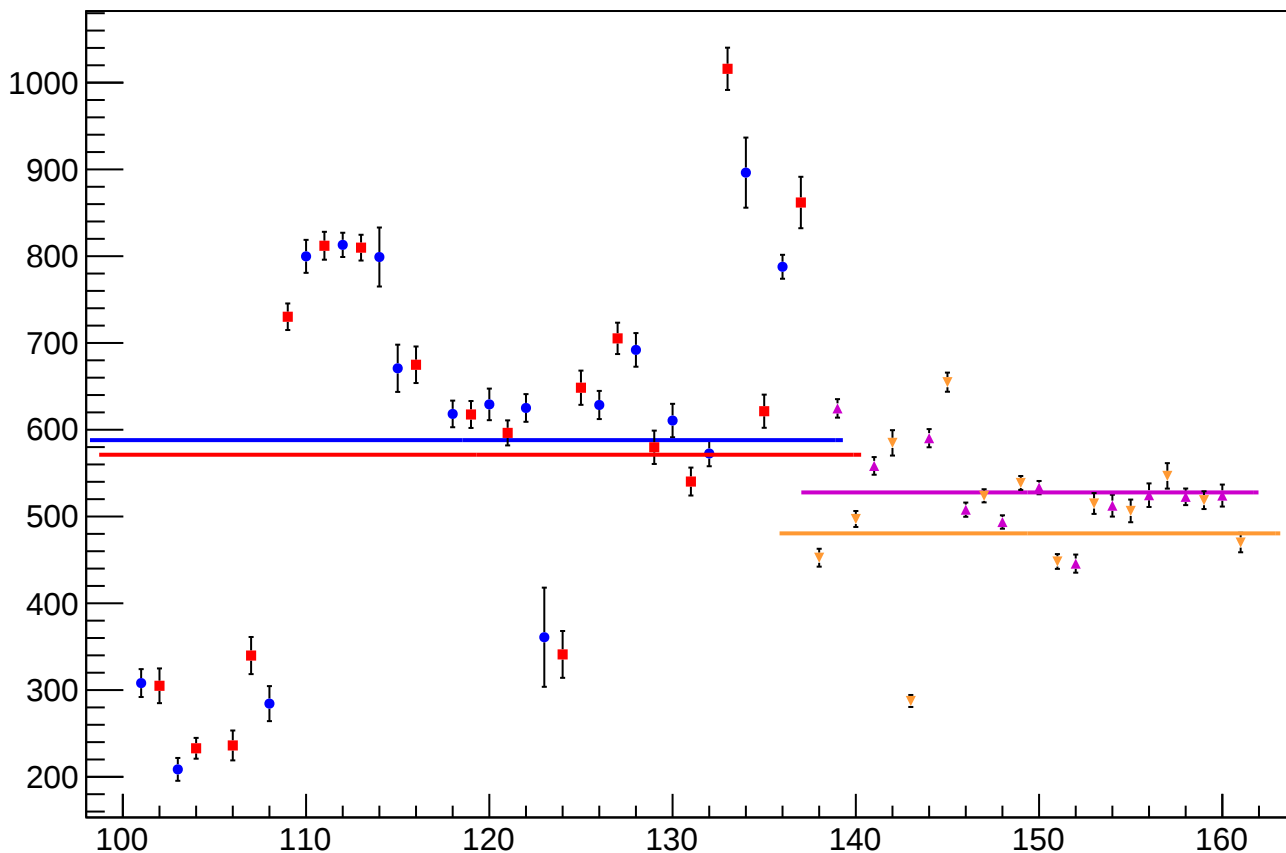
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 3.594 ± 1.514 χ^2/NDF : 530.5/27

Out: 4.157 ± 1.401 χ^2/NDF : 541.1/30

All: 3.898 ± 1.028 χ^2/NDF : 1071.7/58

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 ± 4.329 χ^2/NDF : 2127.7/16

Left Out: 480.573 ± 2.704 χ^2/NDF : 1240.4/12

Right Out: 571.196 ± 4.151 χ^2/NDF : 2680.4/17

Left In: 527.761 ± 2.958 χ^2/NDF : 216.6/10

Left: 502.058 ± 1.996 χ^2/NDF : 1595.6/23

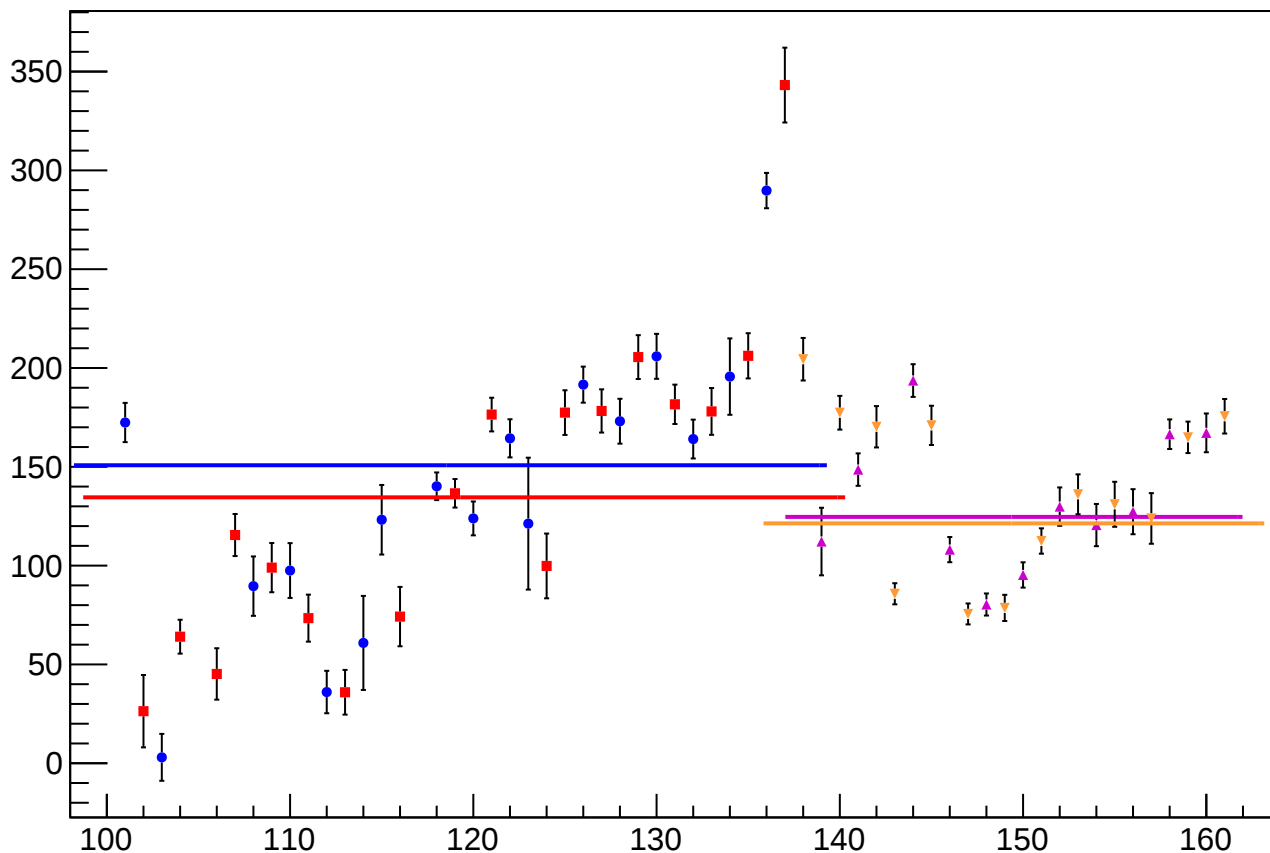
Right: 579.261 ± 2.996 χ^2/NDF : 4816.0/34

In: 546.942 ± 2.442 χ^2/NDF : 2476.4/27

Out: 507.574 ± 2.266 χ^2/NDF : 4255.4/30

All: 525.785 ± 1.661 χ^2/NDF : 6871.6/58

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: 121.365 $\pm$ 2.173 χ^2 /NDF:383.2/12

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 124.658 $\pm$ 2.431 χ^2 /NDF:219.8/10

Left: 122.827 $\pm$ 1.620 χ^2 /NDF: 604.0/23

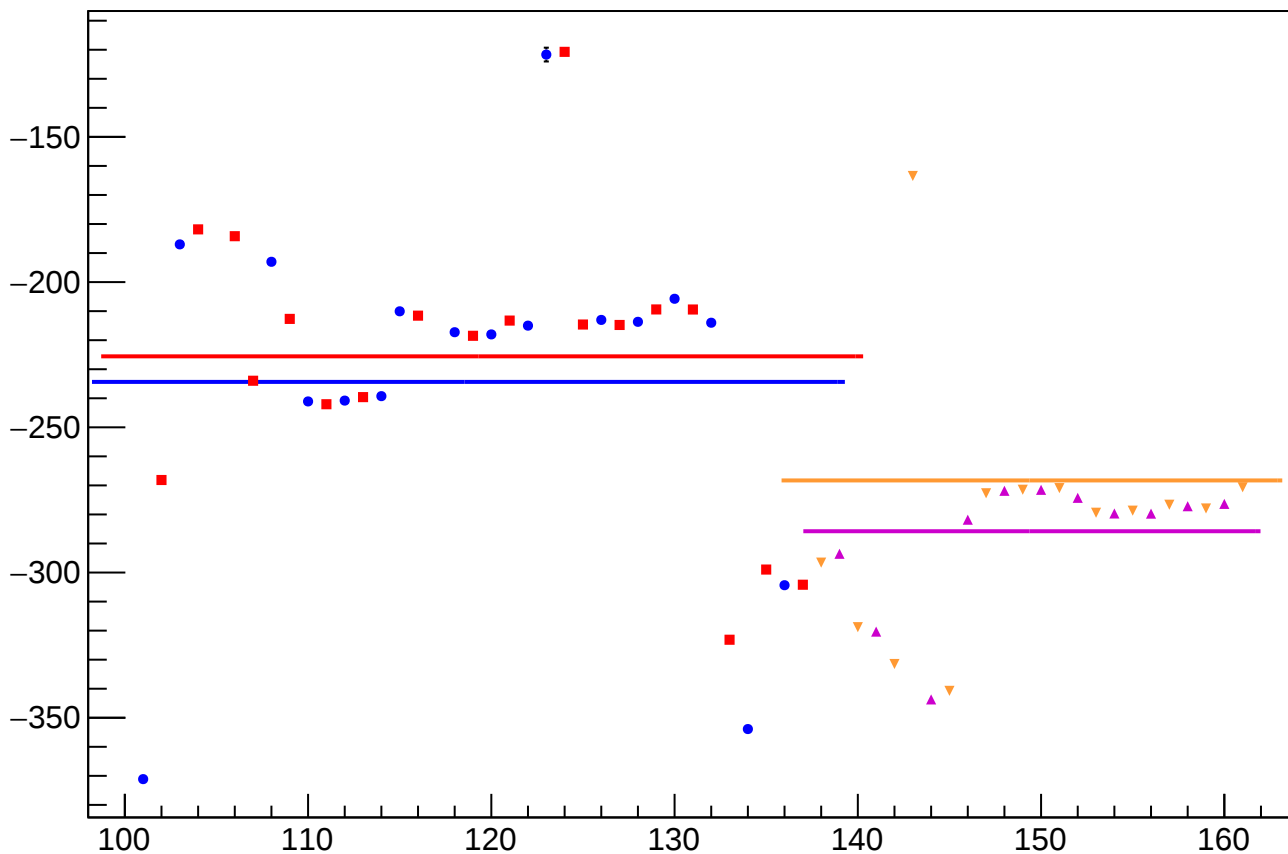
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 136.456 $\pm$ 1.801 χ^2 /NDF:905.0/27

Out: 126.740 $\pm$ 1.673 χ^2 /NDF:974.4/30

All: 131.241 $\pm$ 1.225 χ^2 /NDF: 1895.1/58

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -268.287+/-0.109 χ^2/NDF : 204350.5/12

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -285.776+/-0.118 χ^2/NDF : 29416.3/10

Left: -276.365+/-0.080 χ^2/NDF : 245654.7/23

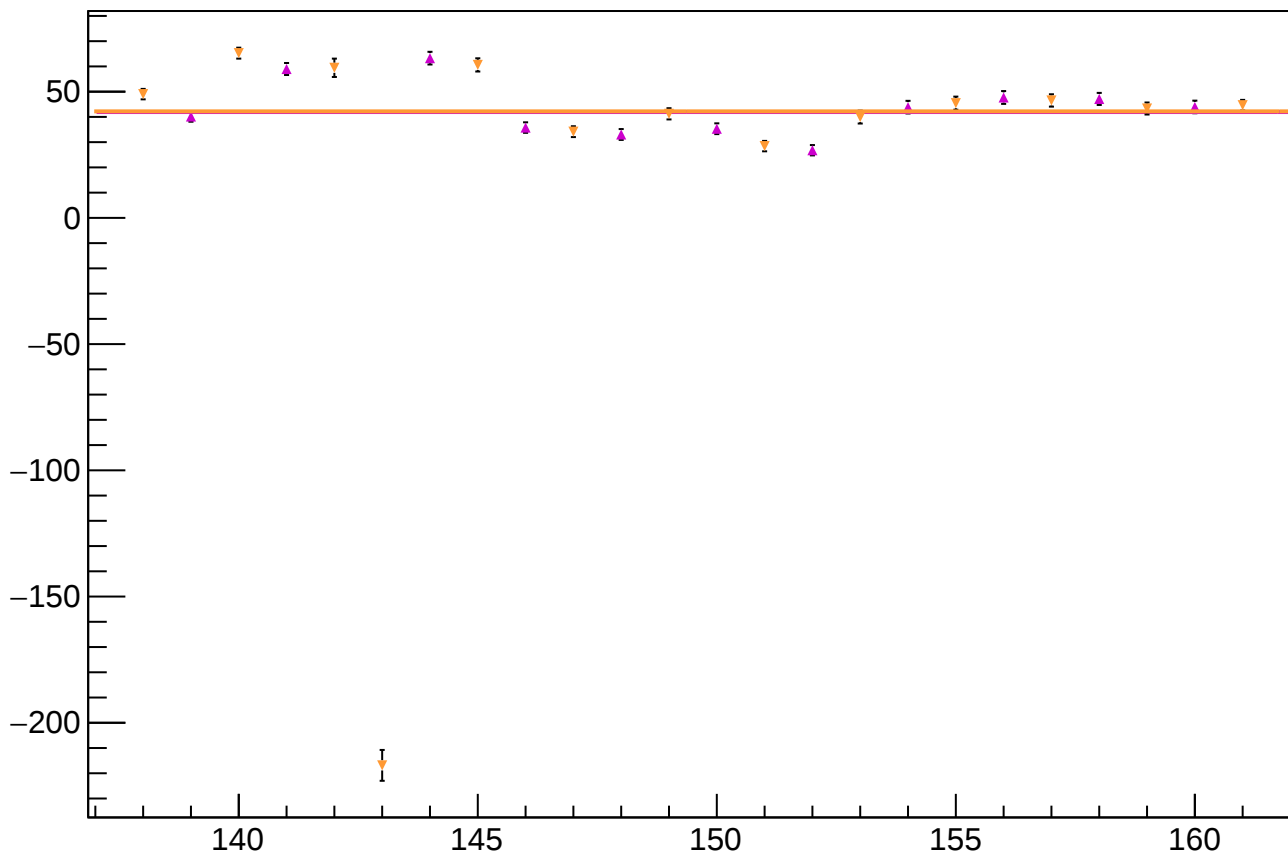
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -265.941+/-0.092 χ^2/NDF : 248230.0/27

Out: -252.433+/-0.086 χ^2/NDF : 354302.6/30

All: -258.751+/-0.063 χ^2/NDF : 613952.1/58

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: 42.193 $\pm$ 0.672 χ^2 /NDF:2058.5/12

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 41.931 $\pm$ 0.686 χ^2 /NDF:225.3/10

Left: 42.065 $\pm$ 0.480 χ^2 /NDF: 2283.8/23

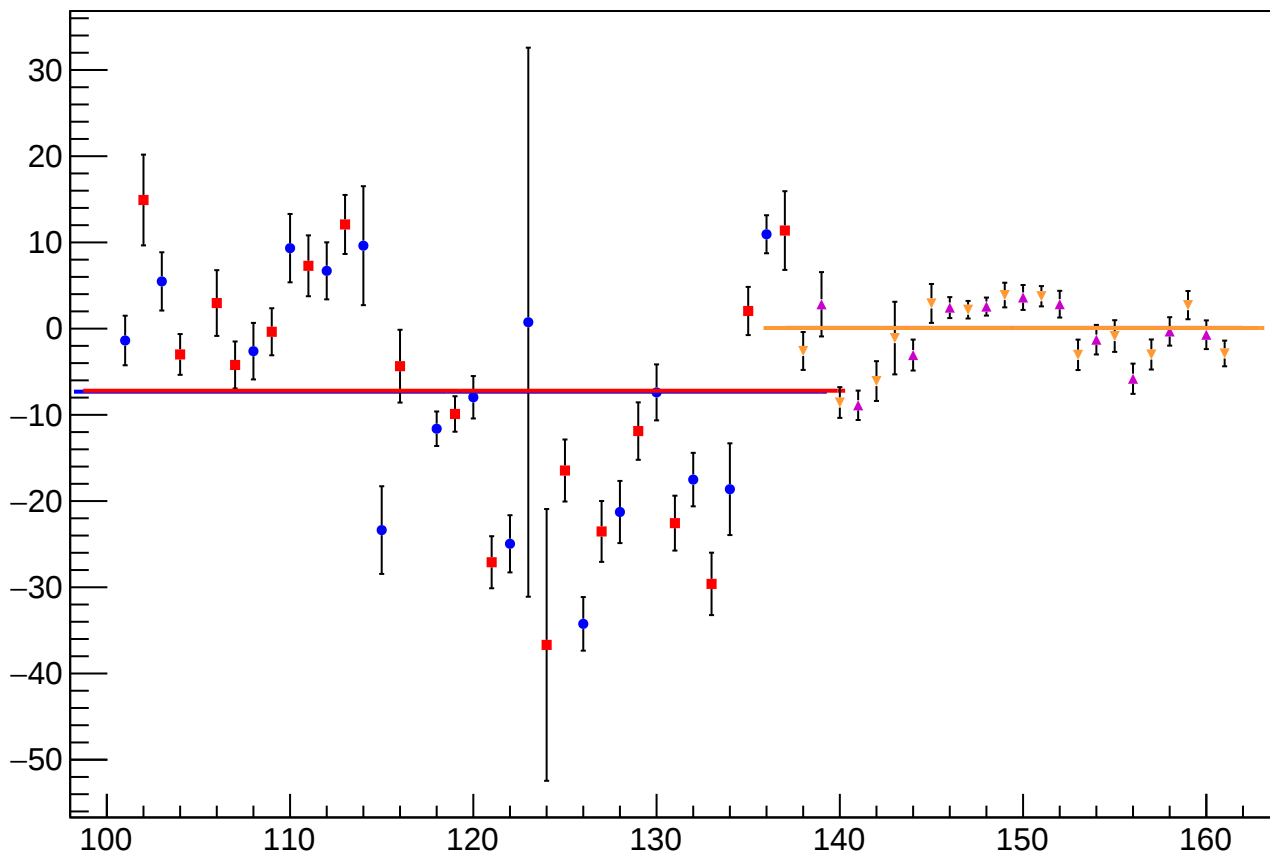
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 41.931 $\pm$ 0.686 χ^2 /NDF:225.3/10

Out: 42.193 $\pm$ 0.672 χ^2 /NDF:2058.5/12

All: 42.065 $\pm$ 0.480 χ^2 /NDF: 2283.8/23

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: 0.075 ± 0.452 χ^2/NDF : 68.0/12

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.086 ± 0.466 χ^2/NDF : 62.0/10

Left: 0.080 ± 0.324 χ^2/NDF : 130.1/23

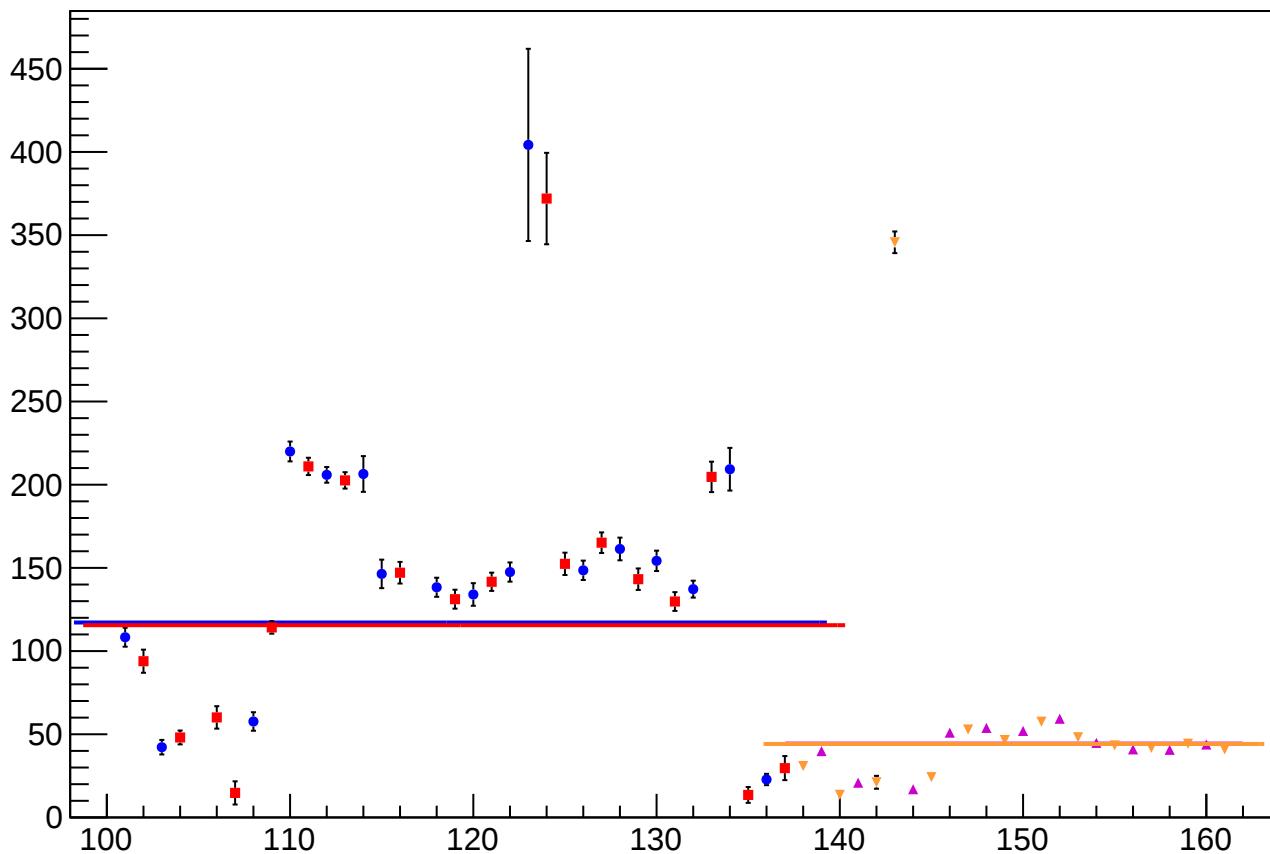
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -1.859 ± 0.400 χ^2/NDF : 407.4/27

Out: -1.817 ± 0.388 χ^2/NDF : 387.7/30

All: -1.838 ± 0.279 χ^2/NDF : 795.1/58

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: 44.169 $\pm$ 0.654 χ^2 /NDF:2511.8/12

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 44.394 $\pm$ 0.665 χ^2 /NDF:304.8/10

Left: 44.279 $\pm$ 0.466 χ^2 /NDF: 2816.6/23

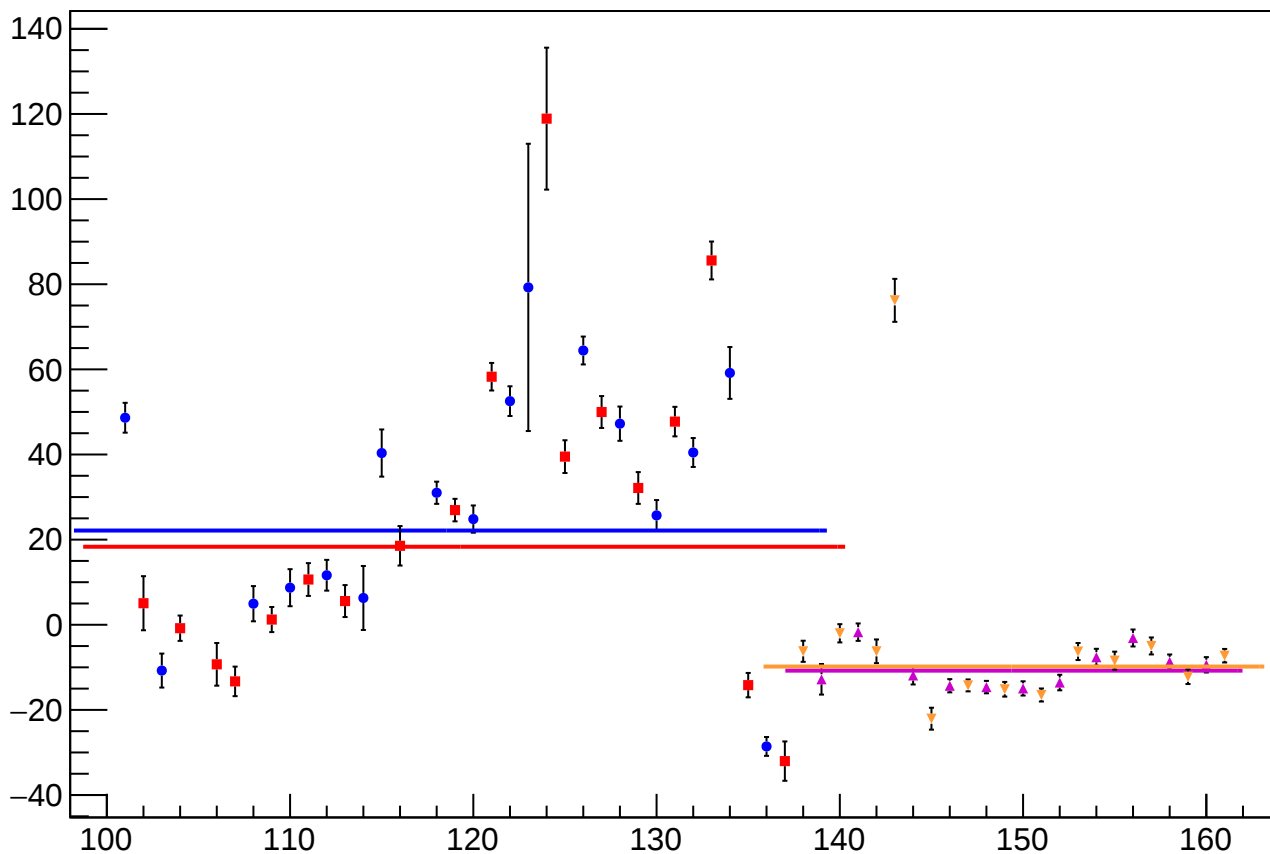
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 57.632 $\pm$ 0.602 χ^2 /NDF:4640.1/27

Out: 57.510 $\pm$ 0.589 χ^2 /NDF:6890.9/30

All: 57.570 $\pm$ 0.421 χ^2 /NDF: 11530.9/58

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -9.816+/-0.540 χ^2/NDF : 382.6/12

Right Out: 18.331+/-0.872 χ^2/NDF : 1070.4/17

Left In: -10.776+/-0.558 χ^2/NDF : 60.2/10

Left: -10.281+/-0.388 χ^2/NDF : 444.3/23

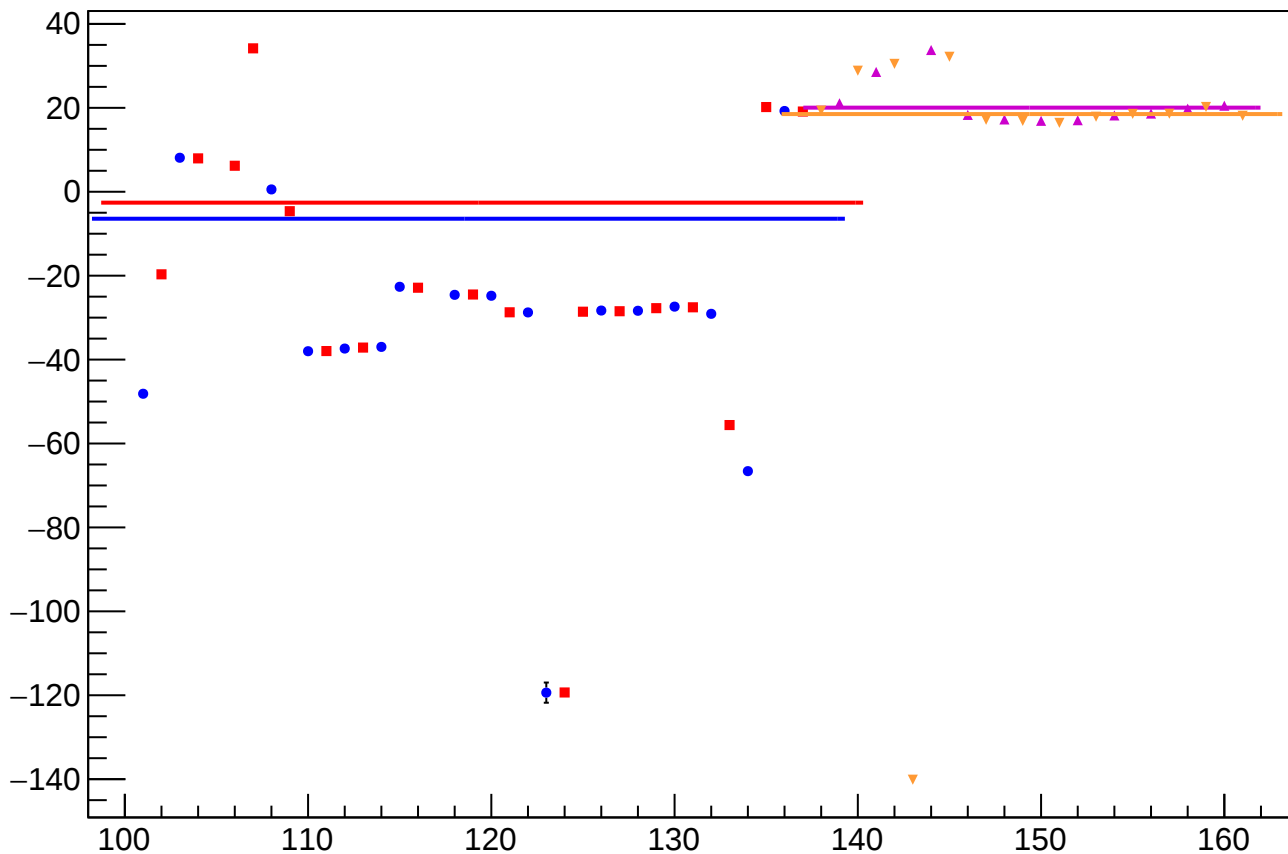
Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34

In: -1.518+/-0.473 χ^2/NDF : 2104.6/27

Out: -2.009+/-0.459 χ^2/NDF : 2205.9/30

All: -1.771+/-0.329 χ^2/NDF : 4311.0/58

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.515 ± 0.026 χ^2/NDF : 400143.3/12

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 20.046 ± 0.026 χ^2/NDF : 25893.5/10

Left: 19.270 ± 0.018 χ^2/NDF : 427812.7/23

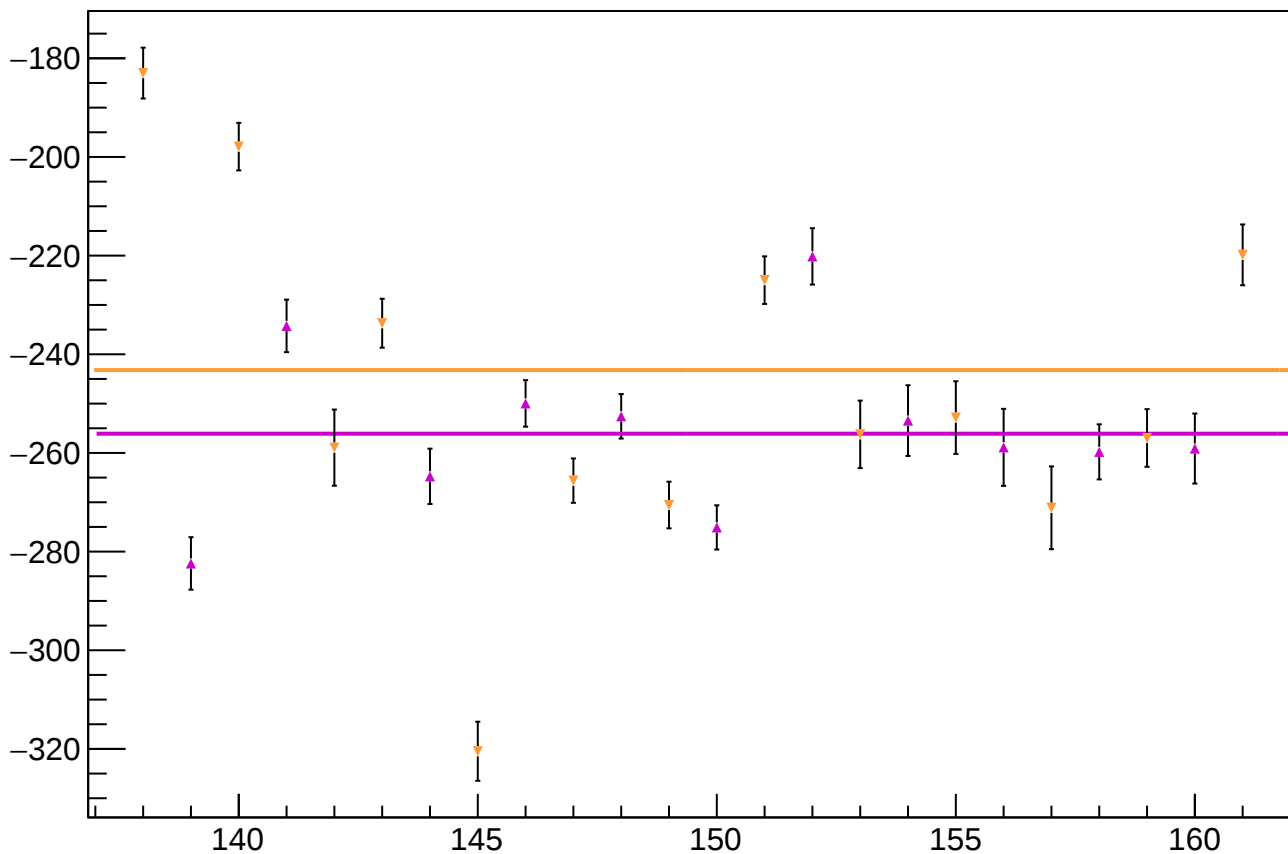
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 13.733 ± 0.023 χ^2/NDF : 540986.9/27

Out: 13.512 ± 0.022 χ^2/NDF : 826037.8/30

All: 13.621 ± 0.016 χ^2/NDF : 1367073.4/58

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -243.202 $\pm$ 1.556 χ^2/NDF : 508.2/12

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -256.098 $\pm$ 1.656 χ^2/NDF : 104.4/10

Left: -249.249 $\pm$ 1.134 χ^2/NDF : 644.8/23

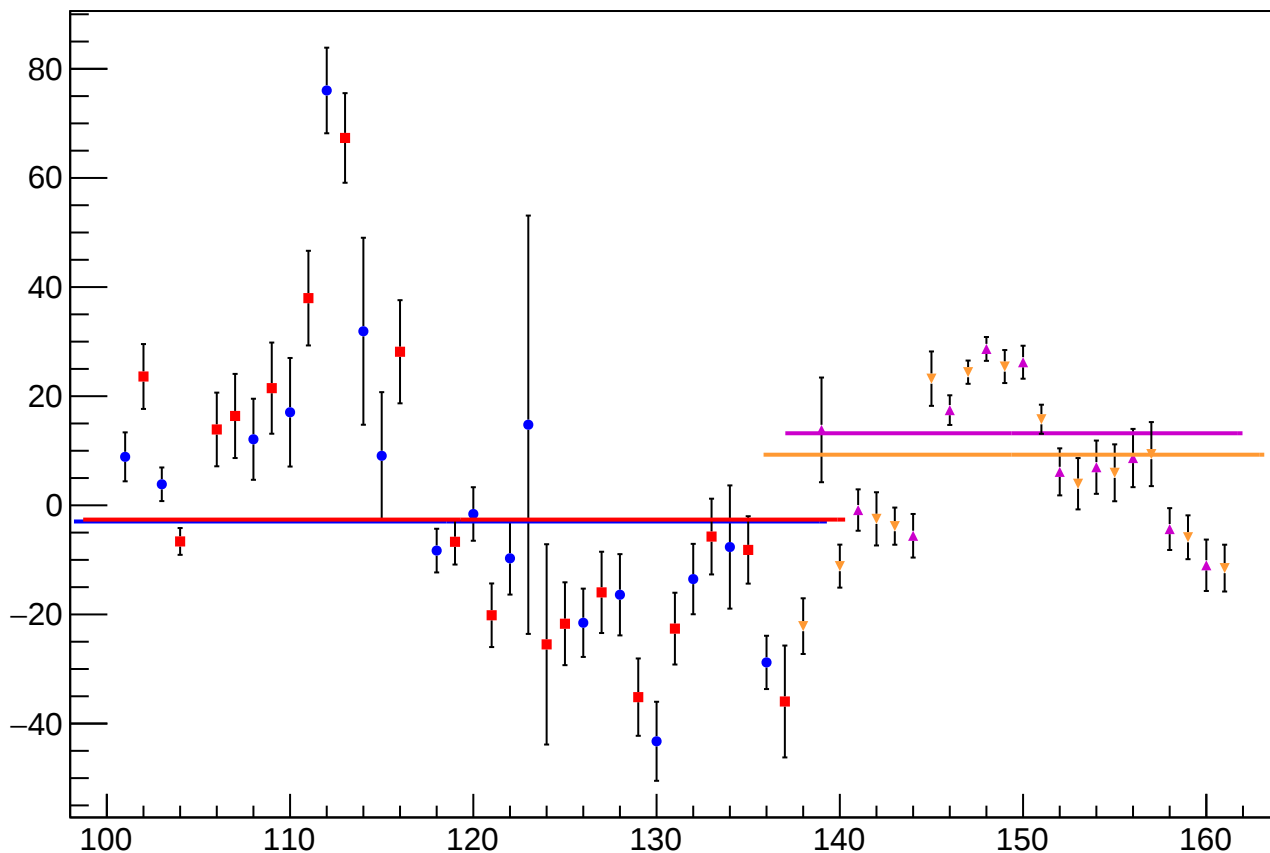
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -256.098 $\pm$ 1.656 χ^2/NDF : 104.4/10

Out: -243.202 $\pm$ 1.556 χ^2/NDF : 508.2/12

All: -249.249 $\pm$ 1.134 χ^2/NDF : 644.8/23

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: 9.278 ± 1.016 χ^2/NDF : 217.4/12

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 13.205 ± 1.091 χ^2/NDF : 159.2/10

Left: 11.103 ± 0.743 χ^2/NDF : 383.6/23

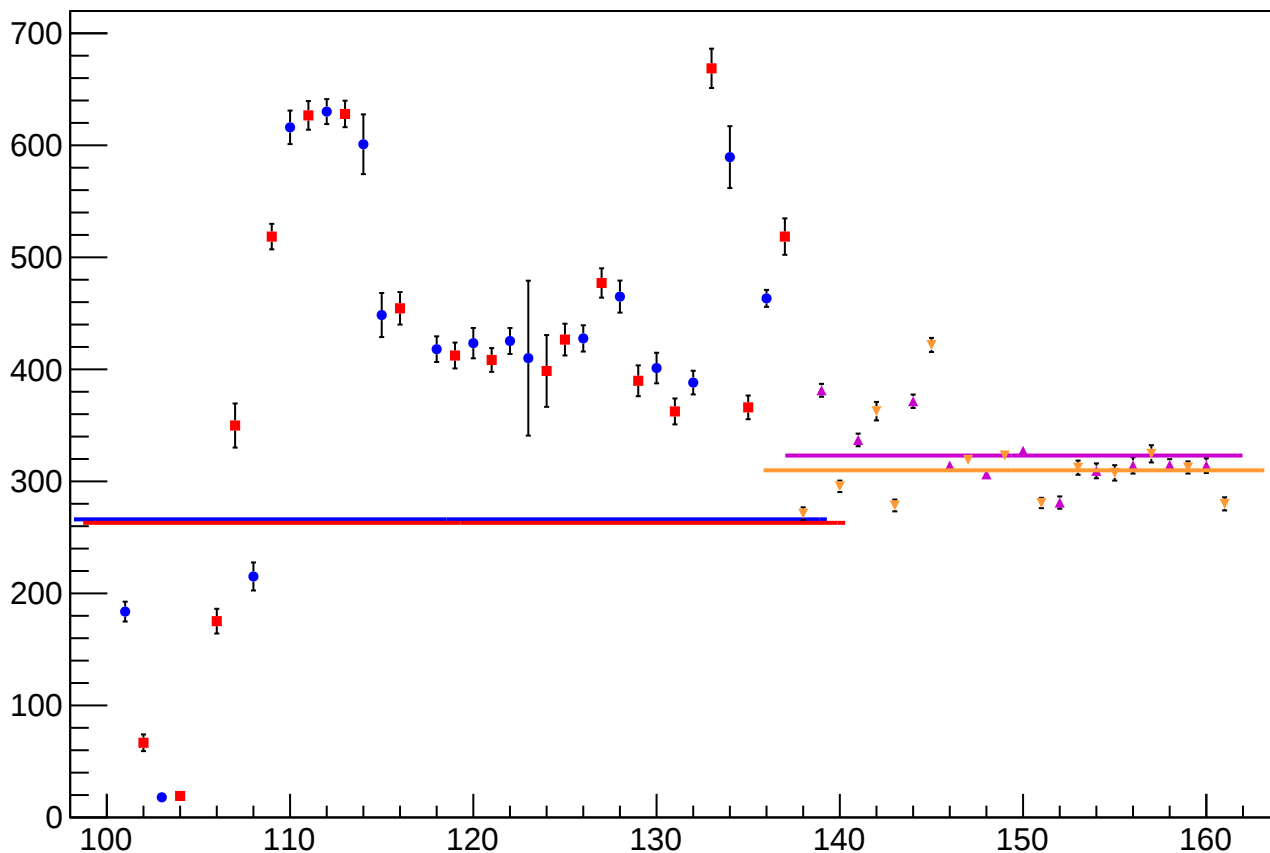
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 7.377 ± 0.872 χ^2/NDF : 442.0/27

Out: 5.171 ± 0.822 χ^2/NDF : 475.2/30

All: 6.209 ± 0.598 χ^2/NDF : 920.6/58

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: 309.881 $\pm$ 1.531 χ^2 /NDF: 532.1/12

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 323.063 $\pm$ 1.608 χ^2 /NDF: 263.2/10

Left: 316.147 $\pm$ 1.109 χ^2 /NDF: 830.6/23

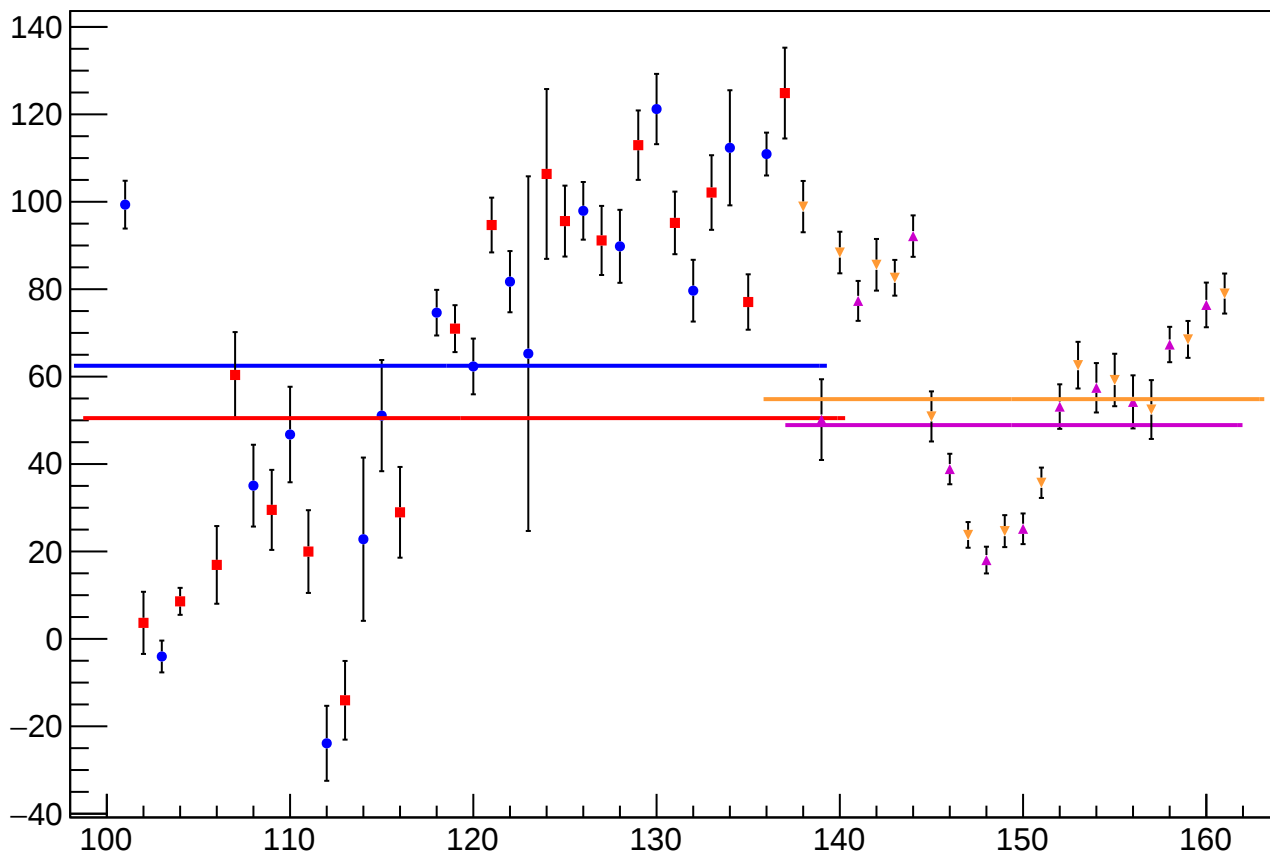
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 306.211 $\pm$ 1.349 χ^2 /NDF: 8278.4/27

Out: 296.849 $\pm$ 1.301 χ^2 /NDF: 8964.9/30

All: 301.358 $\pm$ 0.936 χ^2 /NDF: 17268.3/58

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: 54.850 $\pm$ 1.236 χ^2 /NDF: 431.2/12

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 48.910 $\pm$ 1.324 χ^2 /NDF: 331.2/10

Left: 52.083 $\pm$ 0.903 χ^2 /NDF: 773.2/23

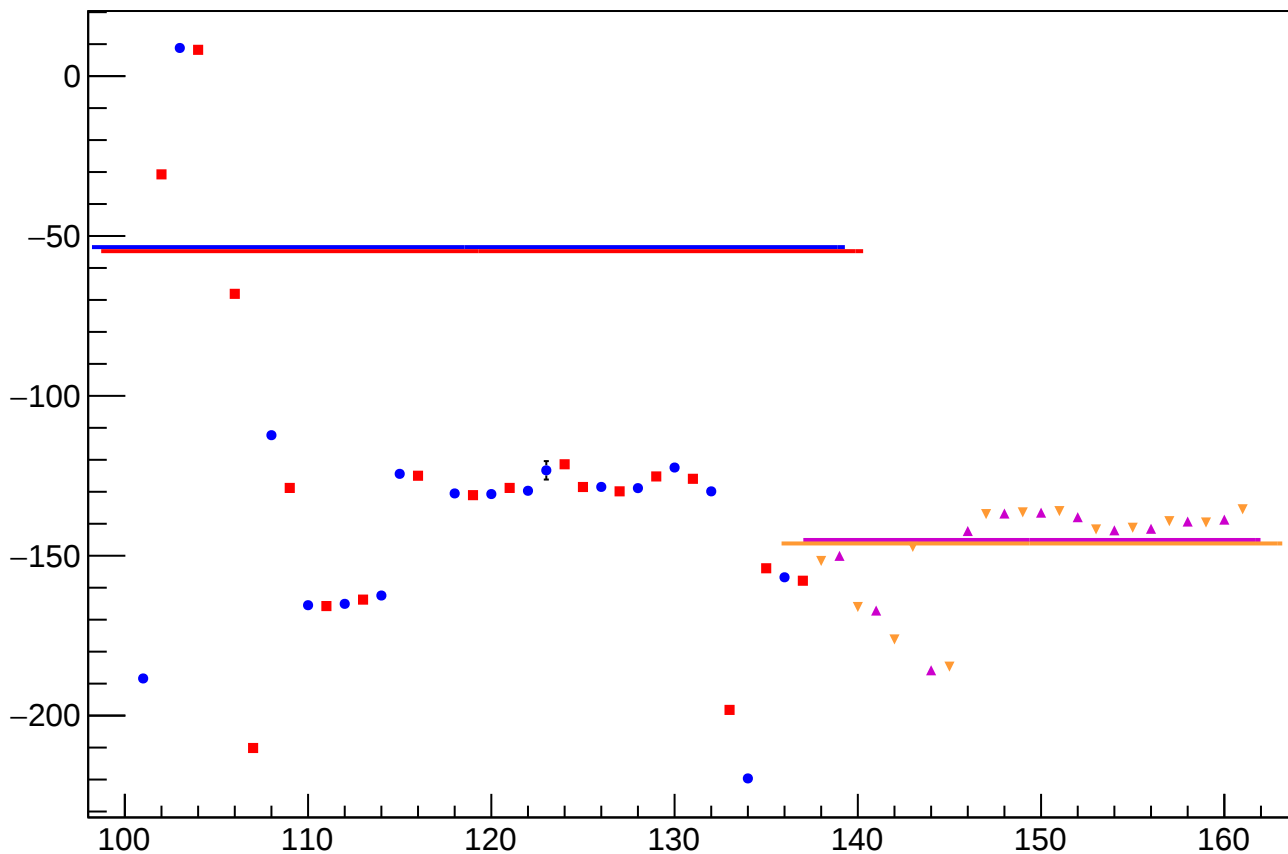
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 54.106 $\pm$ 1.040 χ^2 /NDF: 1092.3/27

Out: 53.282 $\pm$ 0.988 χ^2 /NDF: 1086.2/30

All: 53.673 $\pm$ 0.716 χ^2 /NDF: 2178.8/58

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: -146.166 ± 0.061 $\chi^2/\text{NDF}: 53057.0/12$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -145.073 ± 0.064 $\chi^2/\text{NDF}: 41607.8/10$

Left: -145.640 ± 0.044 $\chi^2/\text{NDF}: 94817.1/23$

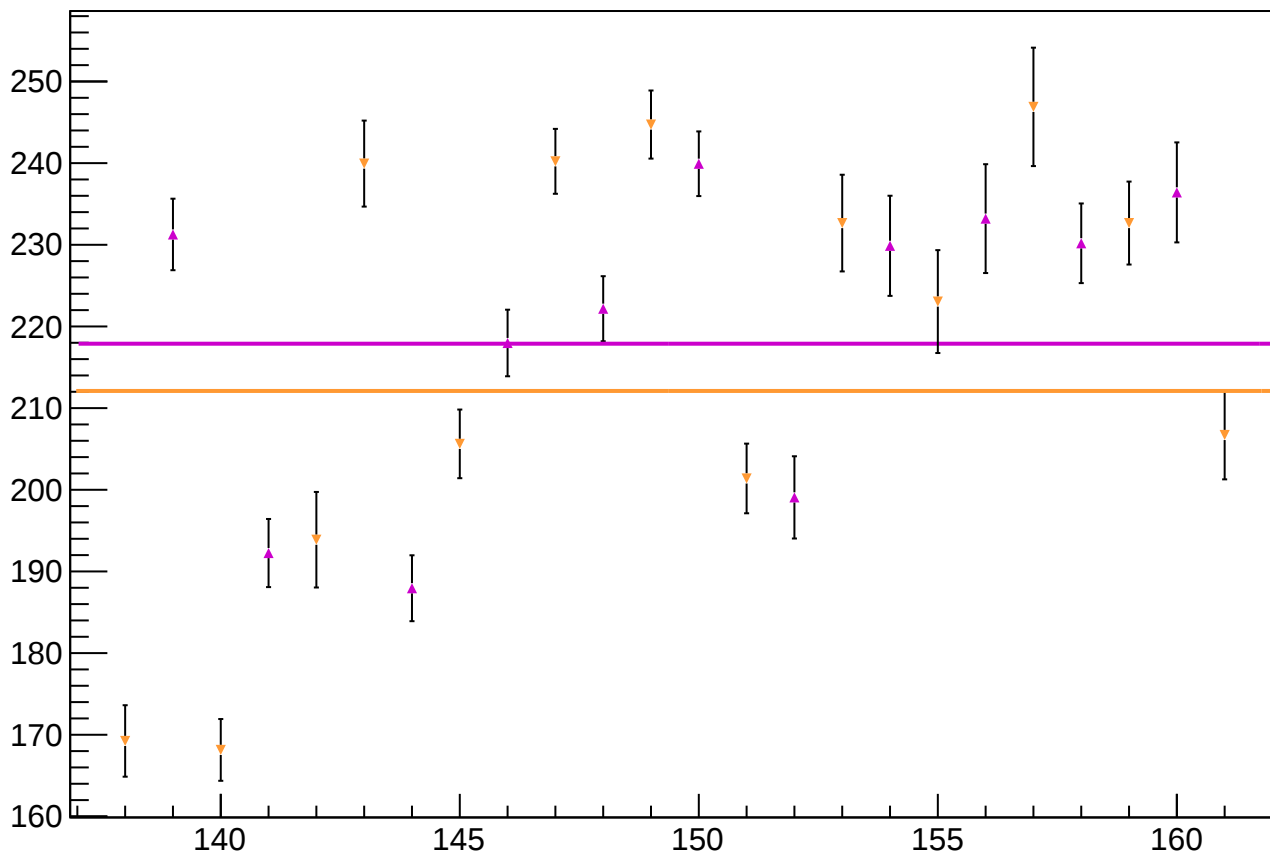
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -103.730 ± 0.047 $\chi^2/\text{NDF}: 2201360.4/27$

Out: -107.699 ± 0.047 $\chi^2/\text{NDF}: 1935850.2/30$

All: -105.733 ± 0.033 $\chi^2/\text{NDF}: 4140773.3/58$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 212.102+/-1.330 χ^2/NDF :444.1/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 217.888+/-1.393 χ^2/NDF :172.9/10

Left: 214.861+/-0.962 χ^2/NDF : 626.0/23

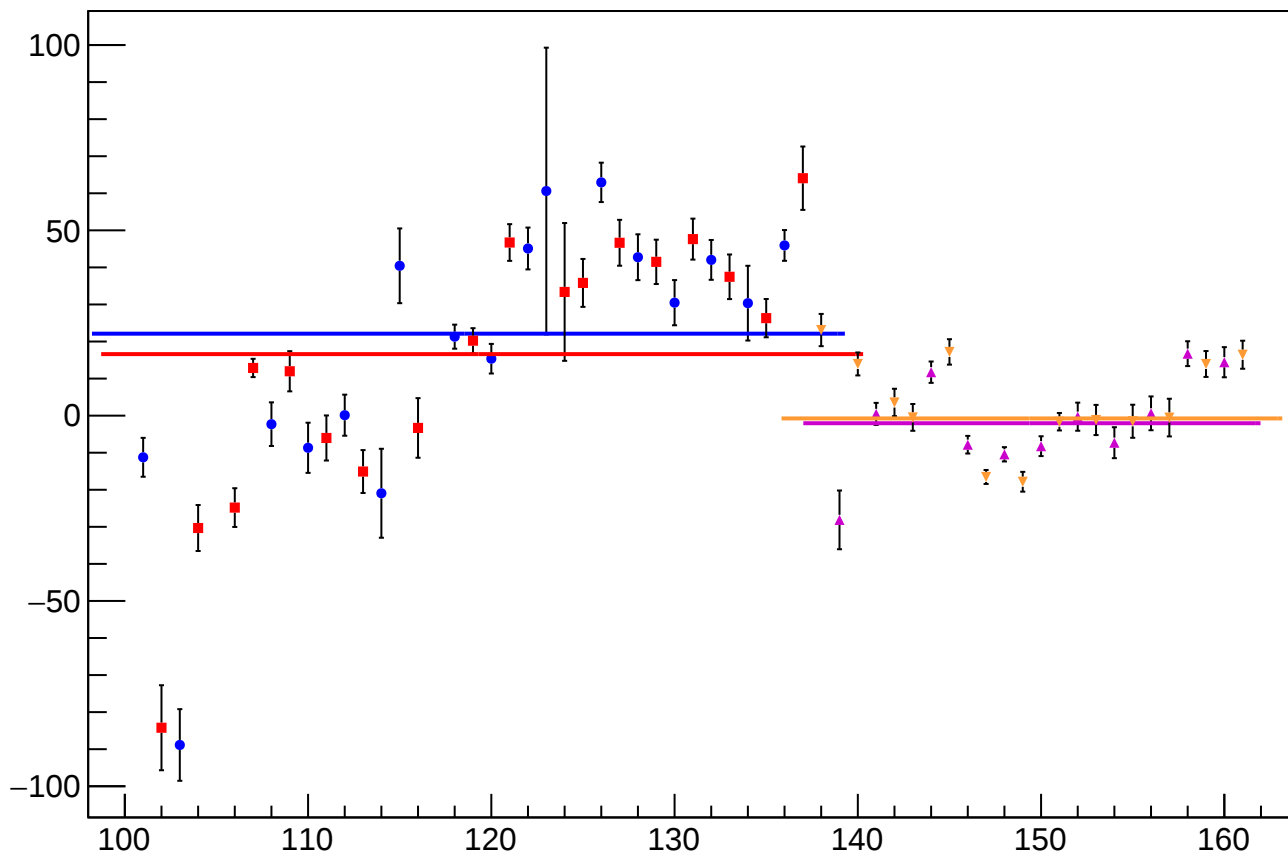
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 217.888+/-1.393 χ^2/NDF :172.9/10

Out: 212.102+/-1.330 χ^2/NDF :444.1/12

All: 214.861+/-0.962 χ^2/NDF : 626.0/23

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: -0.751+/-0.879 χ^2 /NDF:231.1/12

Right Out: 16.602+/-1.229 χ^2 /NDF: 416.8/17

Left In: -2.045+/-0.929 χ^2 /NDF:114.4/10

Left: -1.362+/-0.638 χ^2 /NDF: 346.5/23

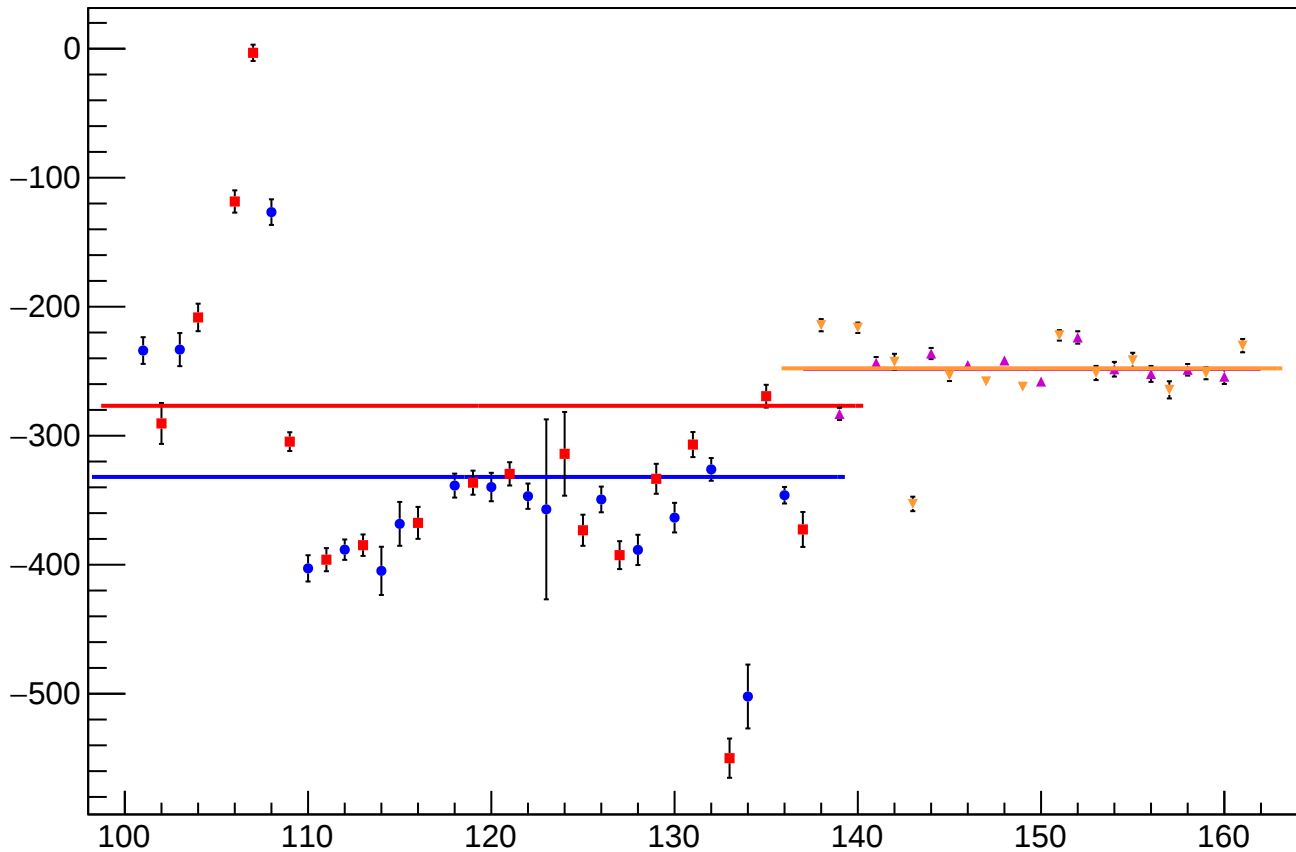
Right: 19.049+/-0.917 χ^2 /NDF: 807.7/34

In: 5.517+/-0.770 χ^2 /NDF:708.1/27

Out: 5.119+/-0.715 χ^2 /NDF:779.8/30

All: 5.303+/-0.524 χ^2 /NDF: 1488.1/58

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -247.785 $\pm$ 1.314 χ^2 /NDF:543.5/12

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -248.215 $\pm$ 1.361 χ^2 /NDF:100.8/10

Left: -247.993 $\pm$ 0.945 χ^2 /NDF: 644.3/23

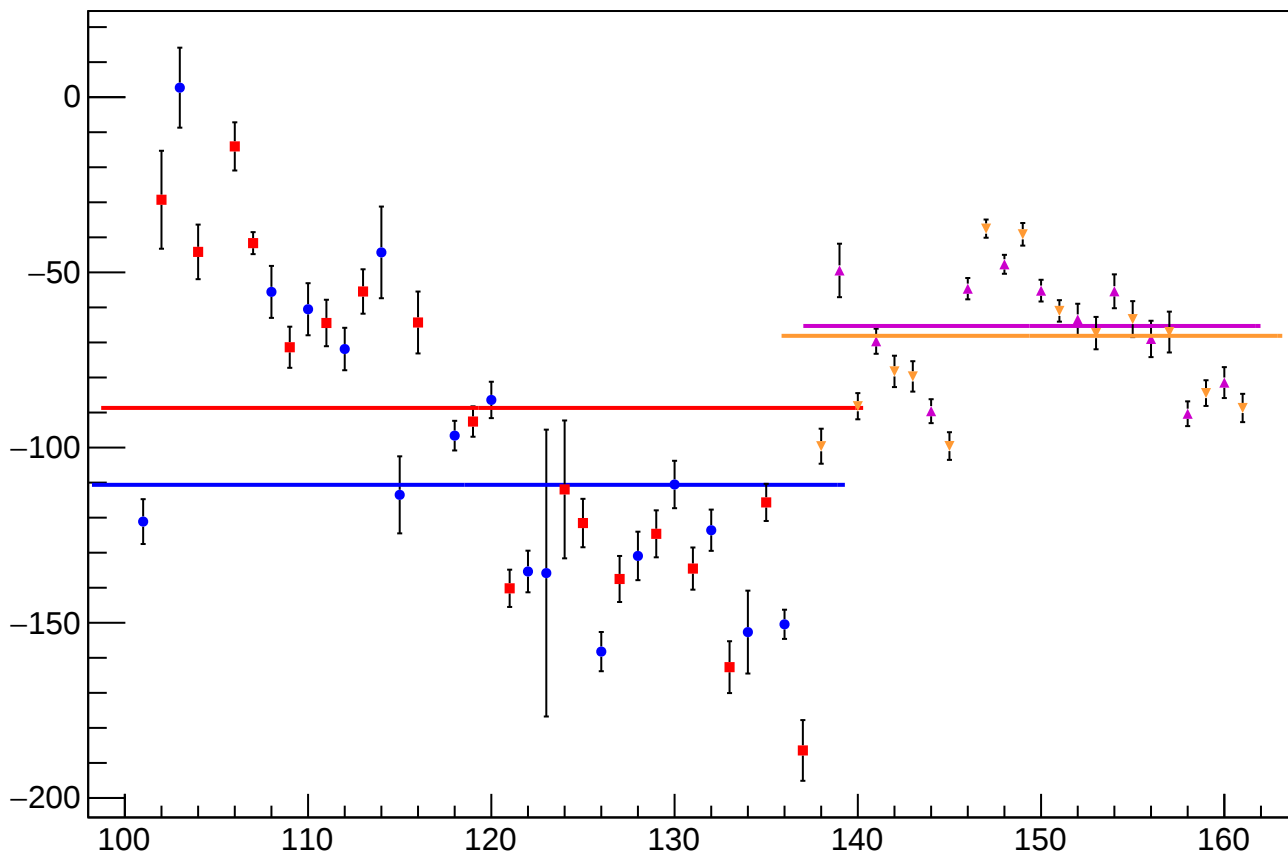
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -266.589 $\pm$ 1.203 χ^2 /NDF:1716.8/27

Out: -254.786 $\pm$ 1.144 χ^2 /NDF:3991.6/30

All: -260.394 $\pm$ 0.829 χ^2 /NDF: 5759.0/58

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: -68.108 ± 1.066 χ^2/NDF : 415.9/12

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -65.292 ± 1.124 χ^2/NDF : 190.3/10

Left: -66.774 ± 0.774 χ^2/NDF : 609.4/23

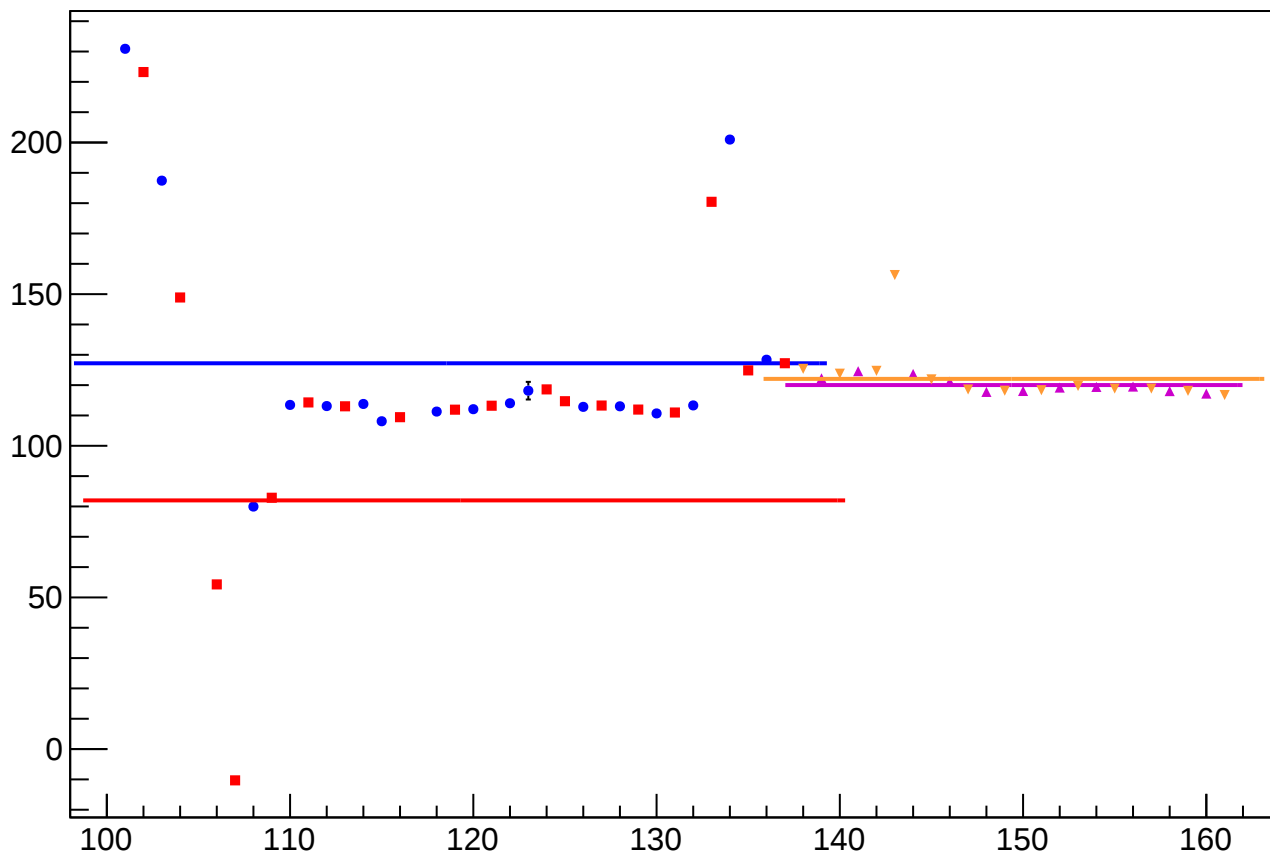
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -80.516 ± 0.916 χ^2/NDF : 1245.4/27

Out: -75.432 ± 0.856 χ^2/NDF : 1512.3/30

All: -77.801 ± 0.625 χ^2/NDF : 2774.1/58

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 122.064 $\pm$ 0.053 χ^2 /NDF: 26683.3/12

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.027 $\pm$ 0.054 χ^2 /NDF: 1965.1/10

Left: 121.071 $\pm$ 0.038 χ^2 /NDF: 29376.3/23

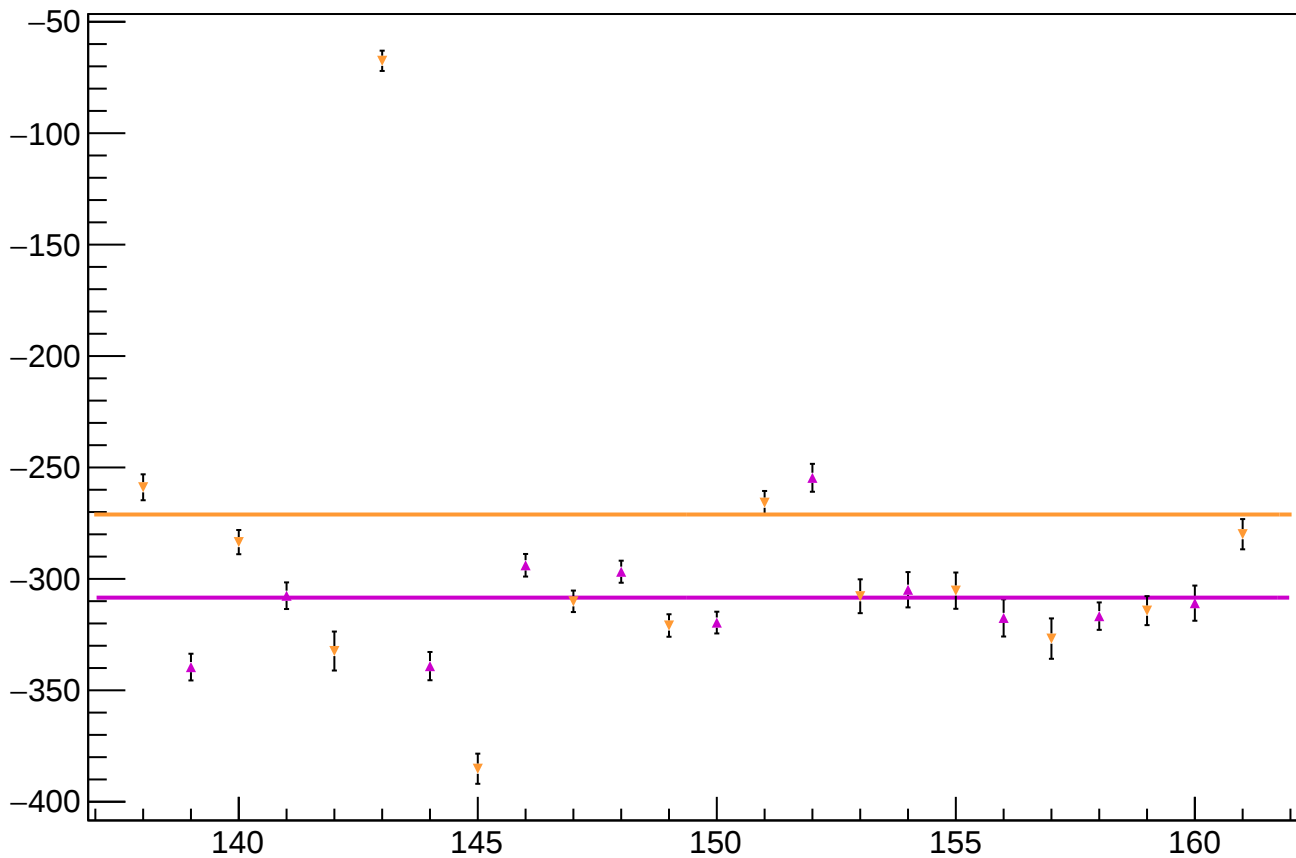
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.956 $\pm$ 0.046 χ^2 /NDF: 194732.8/27

Out: 108.933 $\pm$ 0.043 χ^2 /NDF: 965951.0/30

All: 115.009 $\pm$ 0.032 χ^2 /NDF: 1203059.6/58

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: -271.107+/-1.679 χ^2/NDF :2633.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -308.411+/-1.823 χ^2/NDF :146.6/10

Left: -288.221+/-1.235 χ^2/NDF : 3006.8/23

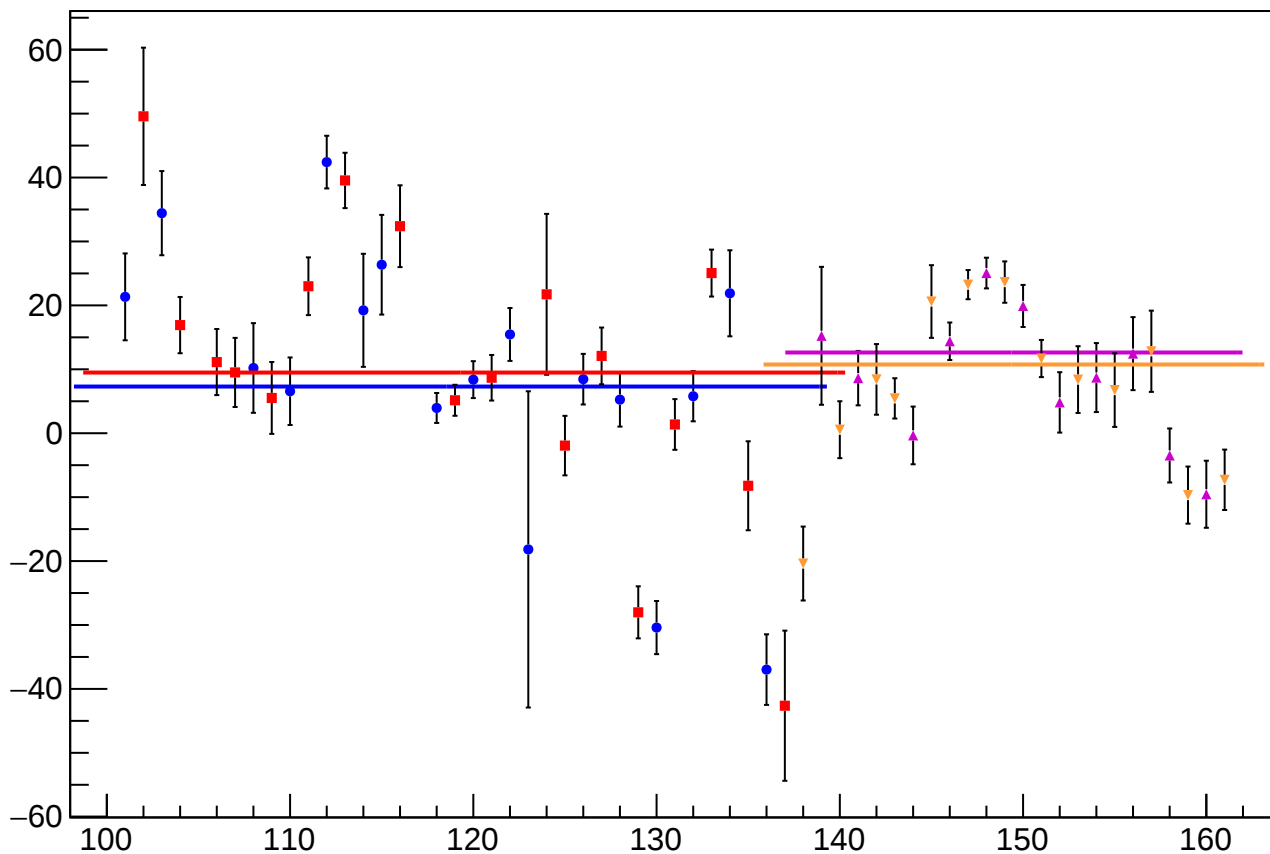
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -308.411+/-1.823 χ^2/NDF :146.6/10

Out: -271.107+/-1.679 χ^2/NDF :2633.7/12

All: -288.221+/-1.235 χ^2/NDF : 3006.8/23

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 10.751 ± 1.093 $\chi^2/\text{NDF}: 122.4/12$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 12.628 ± 1.198 $\chi^2/\text{NDF}: 76.9/10$

Left: 11.604 ± 0.807 $\chi^2/\text{NDF}: 200.7/23$

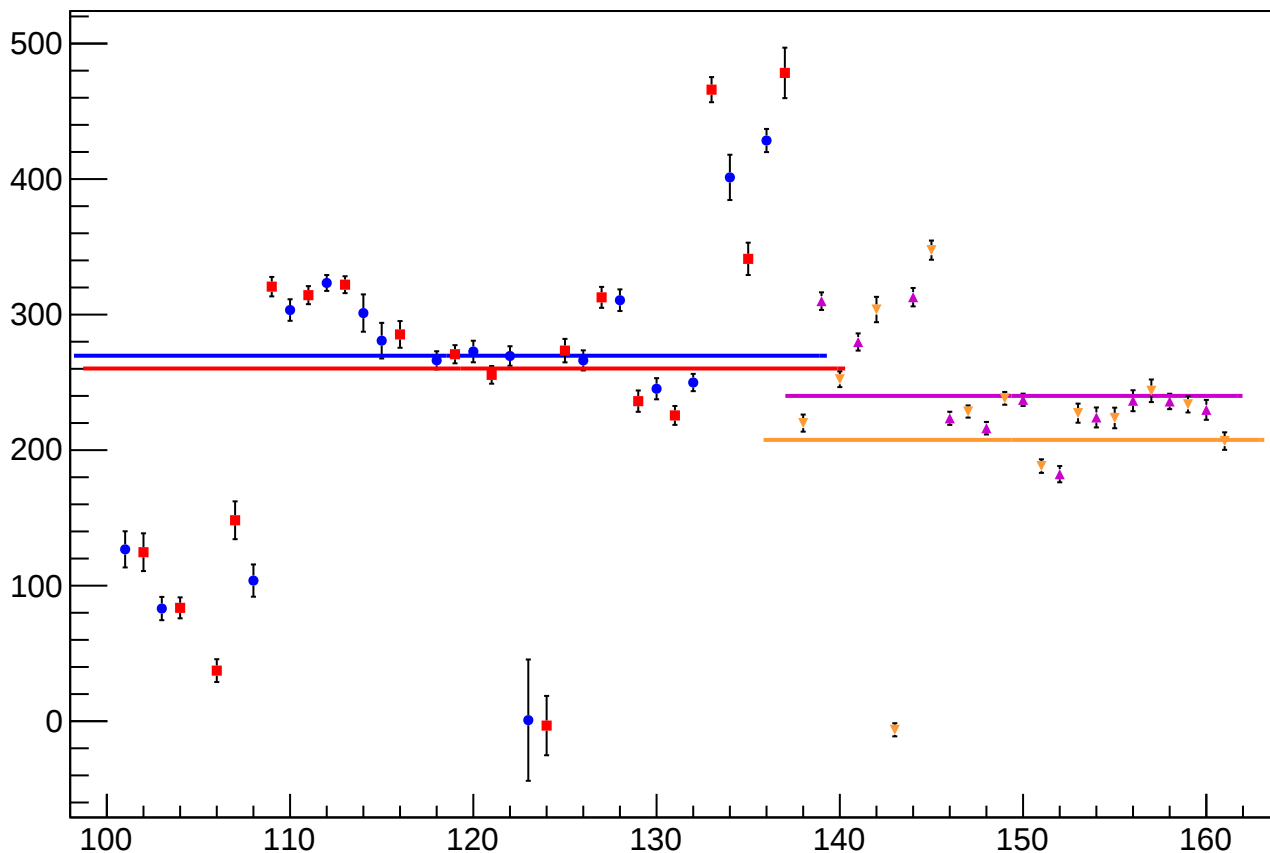
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 9.704 ± 0.804 $\chi^2/\text{NDF}: 348.4/27$

Out: 10.110 ± 0.766 $\chi^2/\text{NDF}: 354.3/30$

All: 9.917 ± 0.555 $\chi^2/\text{NDF}: 702.8/58$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 207.547 $\pm$ 1.653 χ^2 /NDF:2631.5/12

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 240.019 $\pm$ 1.768 χ^2 /NDF:409.1/10

Left: 222.696 $\pm$ 1.208 χ^2 /NDF: 3220.6/23

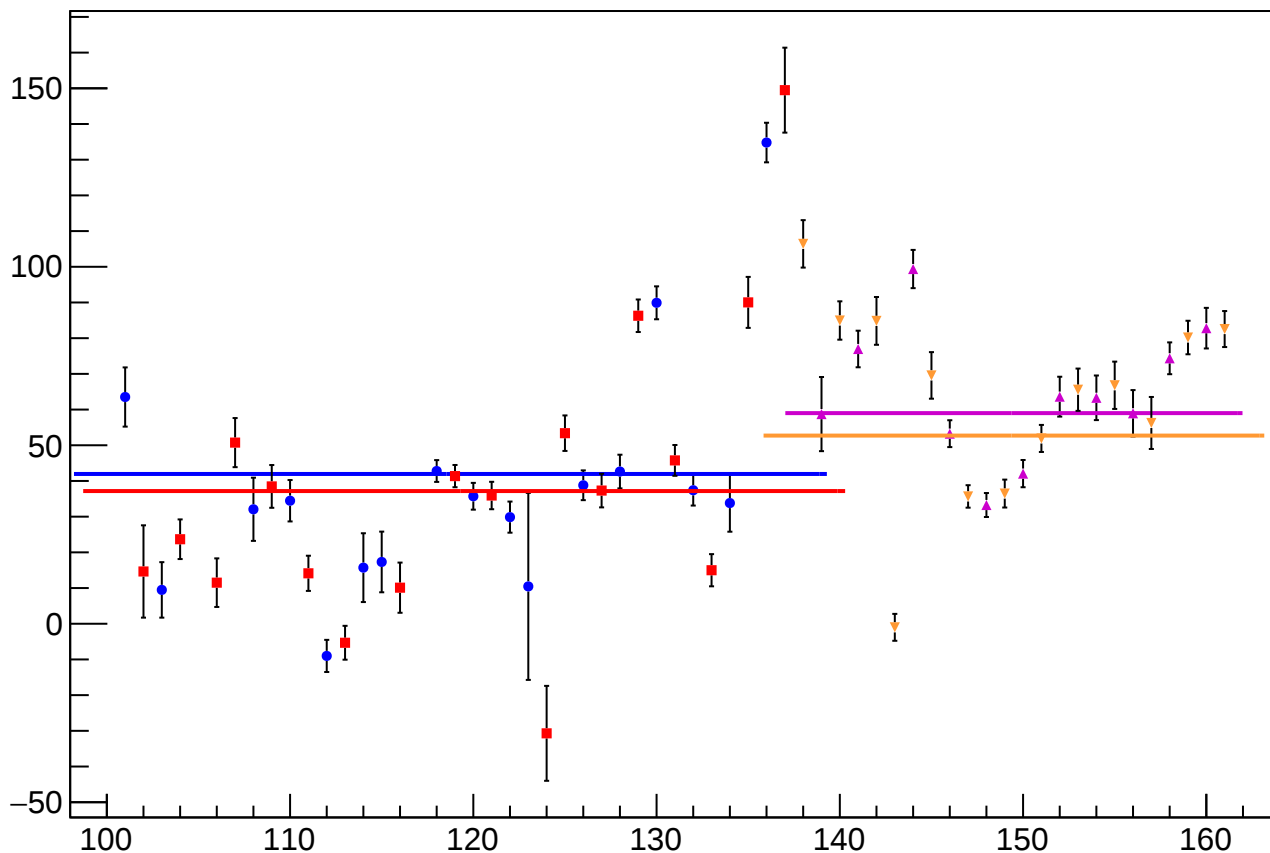
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 252.480 $\pm$ 1.346 χ^2 /NDF:1903.9/27

Out: 229.203 $\pm$ 1.269 χ^2 /NDF:5576.9/30

All: 240.154 $\pm$ 0.923 χ^2 /NDF: 7639.2/58

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: 52.712 $\pm$ 1.331 χ^2 /NDF:459.5/12

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 59.006 $\pm$ 1.454 χ^2 /NDF:180.5/10

Left: 55.582 $\pm$ 0.982 χ^2 /NDF: 650.2/23

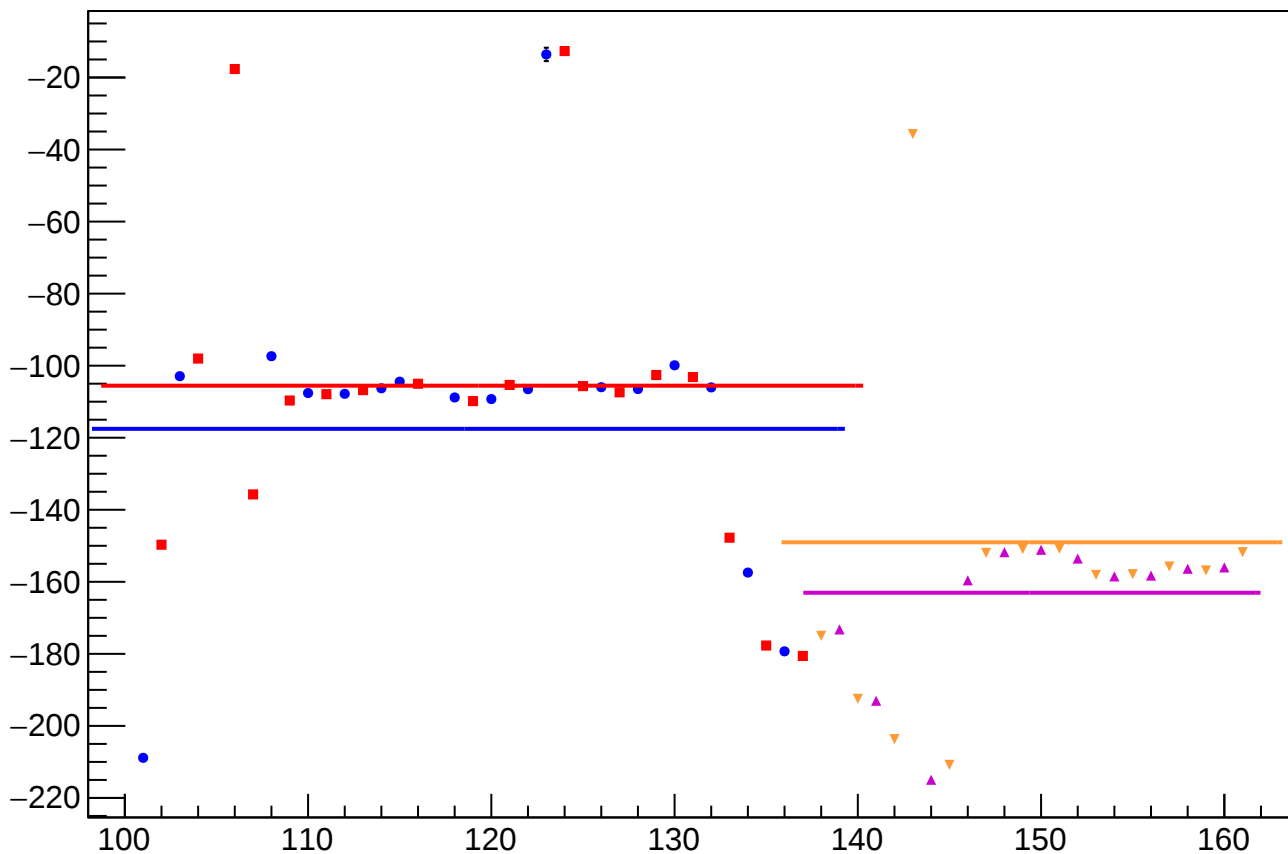
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 49.257 $\pm$ 0.951 χ^2 /NDF:833.3/27

Out: 44.366 $\pm$ 0.906 χ^2 /NDF:1003.6/30

All: 46.691 $\pm$ 0.656 χ^2 /NDF: 1850.7/58

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -149.027 ± 0.066 $\chi^2/\text{NDF}: 452852.7/12$

Right Out: -105.555 ± 0.073 $\chi^2/\text{NDF}: 317428.5/17$

Left In: -163.039 ± 0.070 $\chi^2/\text{NDF}: 57330.1/10$

Left: -155.655 ± 0.048 $\chi^2/\text{NDF}: 531194.8/23$

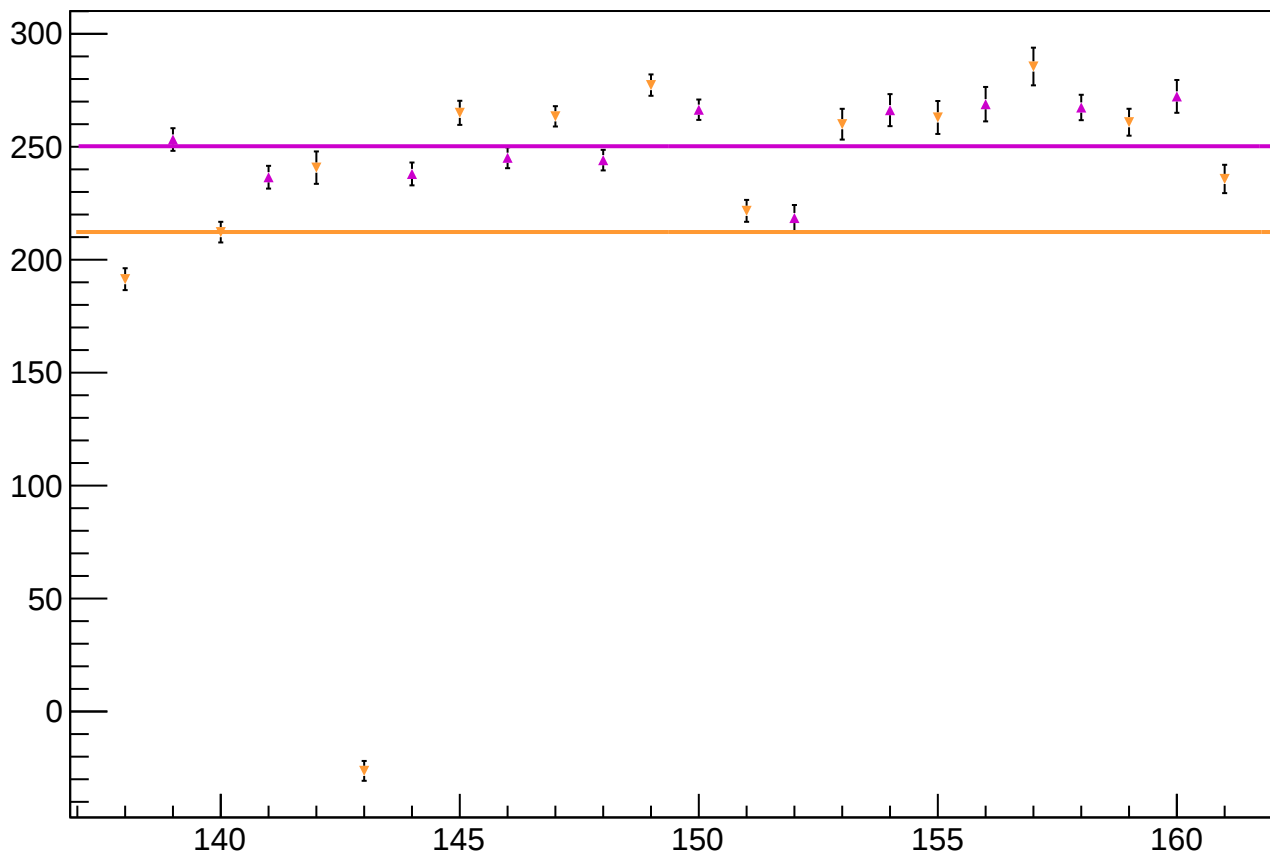
Right: -111.128 ± 0.053 $\chi^2/\text{NDF}: 472040.3/34$

In: -142.718 ± 0.052 $\chi^2/\text{NDF}: 387146.2/27$

Out: -129.280 ± 0.049 $\chi^2/\text{NDF}: 964506.9/30$

All: -135.590 ± 0.036 $\chi^2/\text{NDF}: 1386801.8/58$

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: 212.266+/-1.505 χ^2/NDF :3655.5/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 250.241+/-1.622 χ^2/NDF :89.6/10

Left: 229.836+/-1.103 χ^2/NDF : 4039.8/23

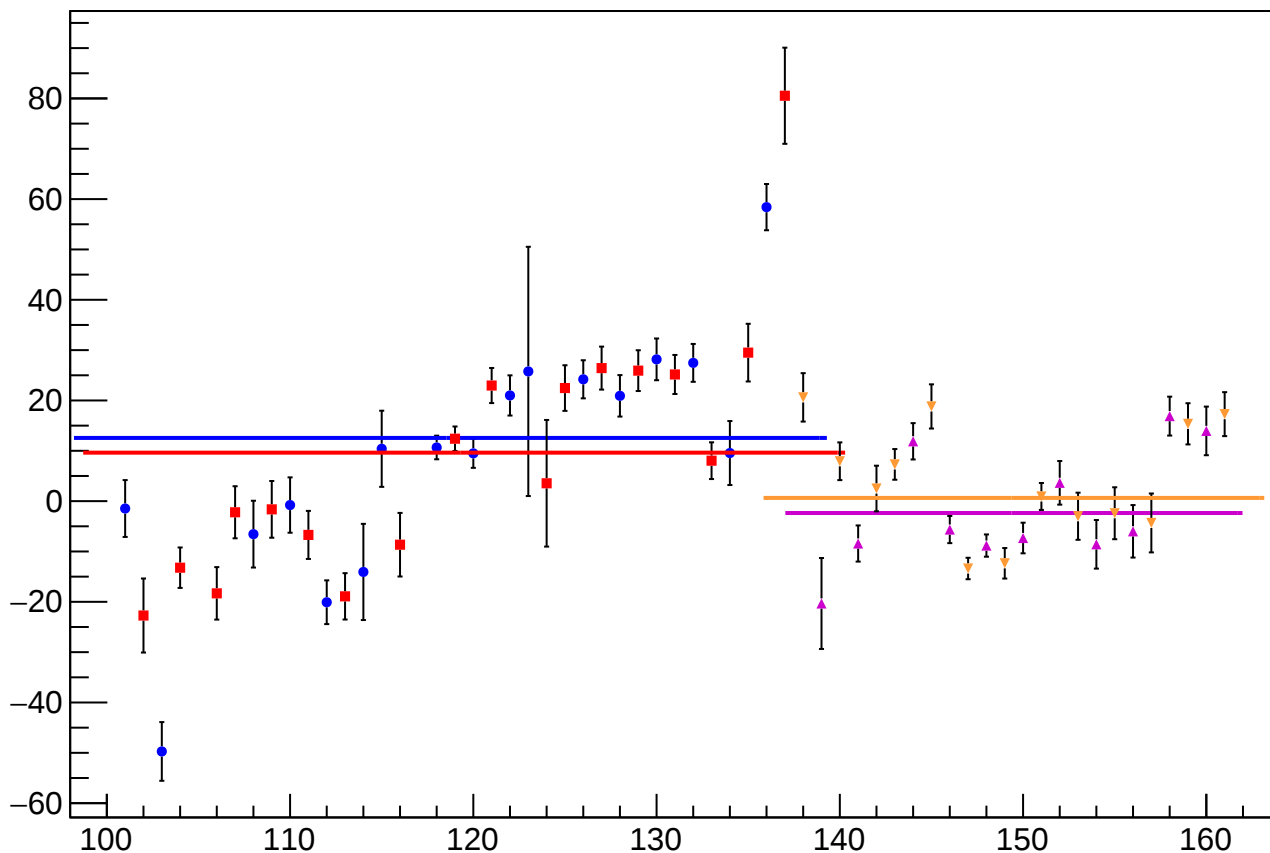
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 250.241+/-1.622 χ^2/NDF :89.6/10

Out: 212.266+/-1.505 χ^2/NDF :3655.5/12

All: 229.836+/-1.103 χ^2/NDF : 4039.8/23

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 0.641+/-0.992 χ^2/NDF :133.9/12

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: -2.359+/-1.078 χ^2/NDF :75.4/10

Left: -0.734+/-0.730 χ^2/NDF : 213.5/23

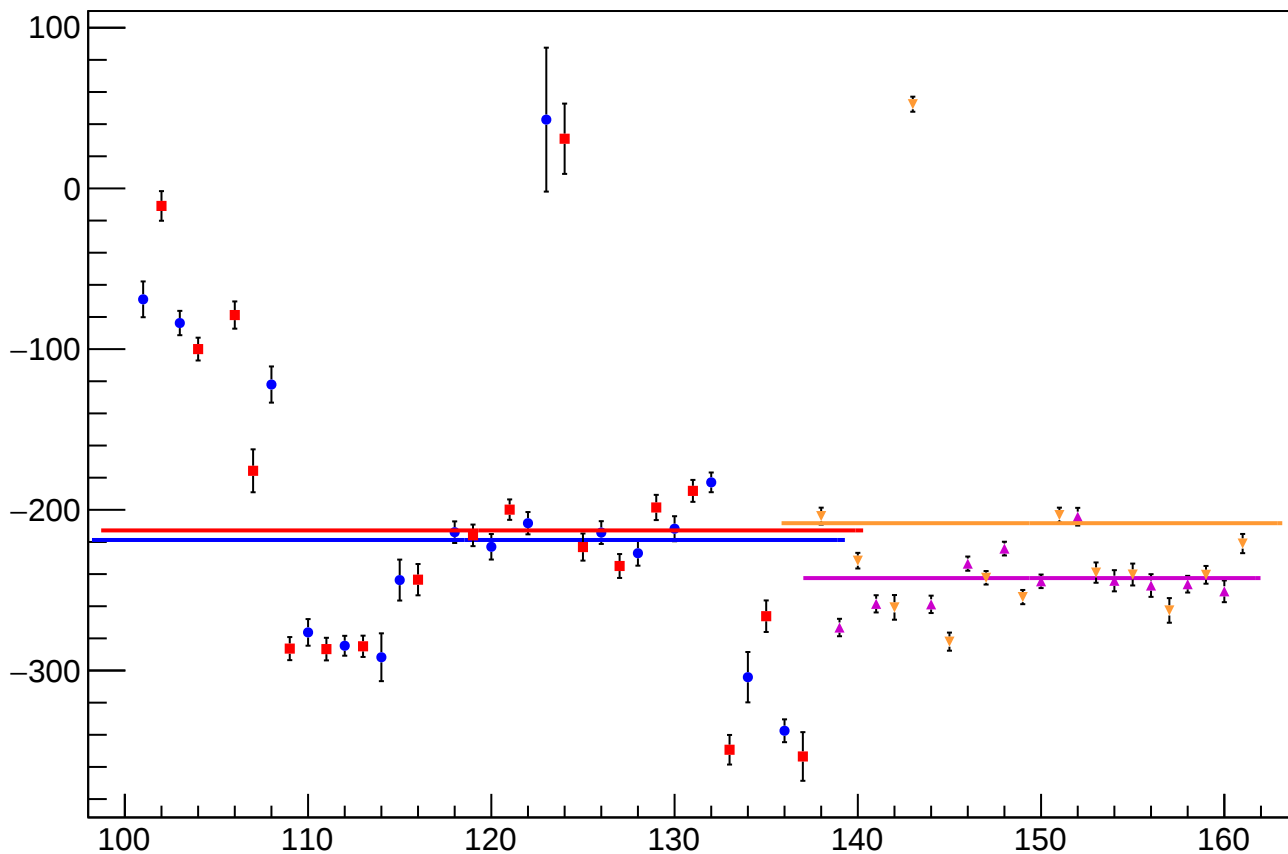
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 5.247+/-0.755 χ^2/NDF :521.5/27

Out: 4.885+/-0.721 χ^2/NDF :460.1/30

All: 5.058+/-0.521 χ^2/NDF : 981.7/58

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: -208.320 ± 1.488 $\chi^2/\text{NDF}: 3642.9/12$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -242.486 ± 1.581 $\chi^2/\text{NDF}: 123.6/10$

Left: -224.377 ± 1.084 $\chi^2/\text{NDF}: 4014.1/23$

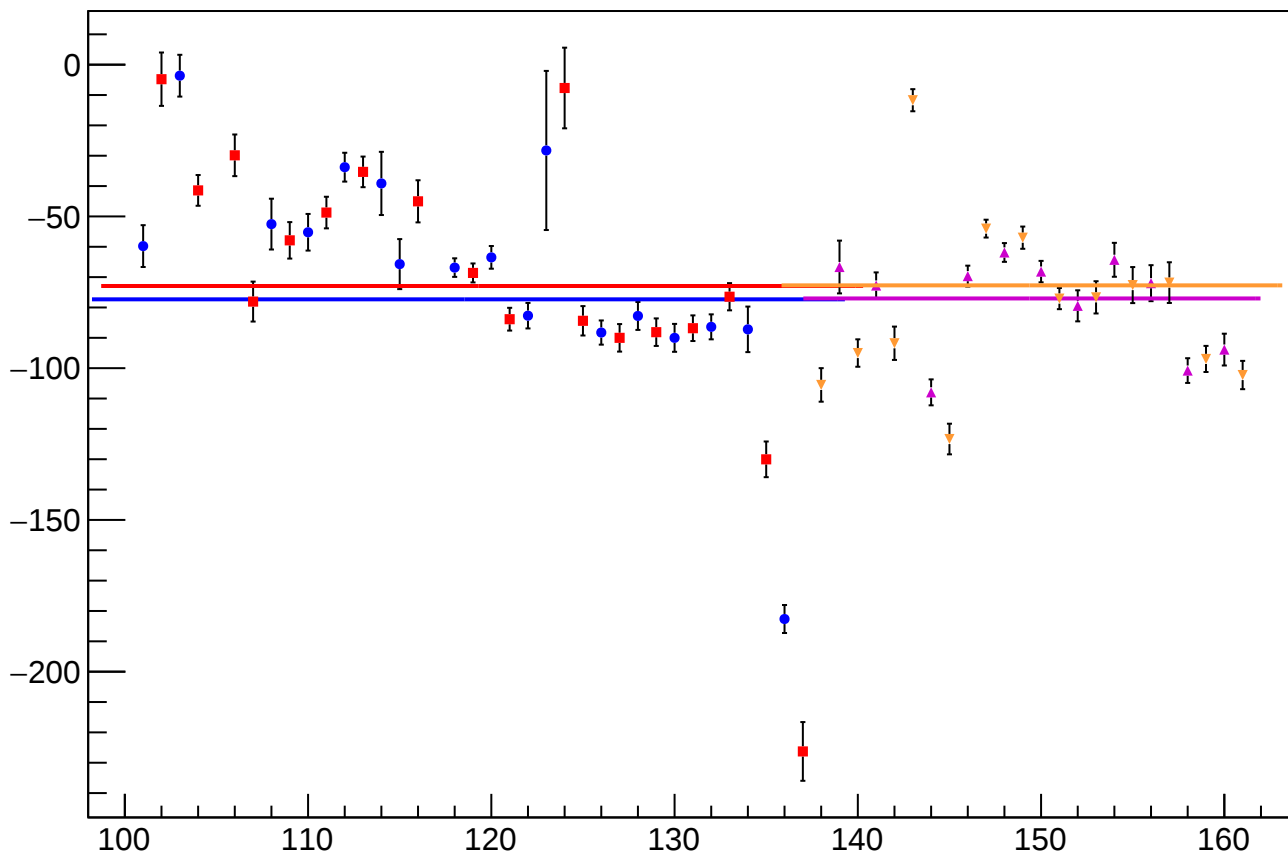
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -233.425 ± 1.243 $\chi^2/\text{NDF}: 1354.0/27$

Out: -210.001 ± 1.178 $\chi^2/\text{NDF}: 5470.8/30$

All: -221.087 ± 0.855 $\chi^2/\text{NDF}: 7012.0/58$

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: -72.714 ± 1.205 χ^2/NDF : 585.6/12

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -77.028 ± 1.307 χ^2/NDF : 140.1/10

Left: -74.697 ± 0.886 χ^2/NDF : 731.6/23

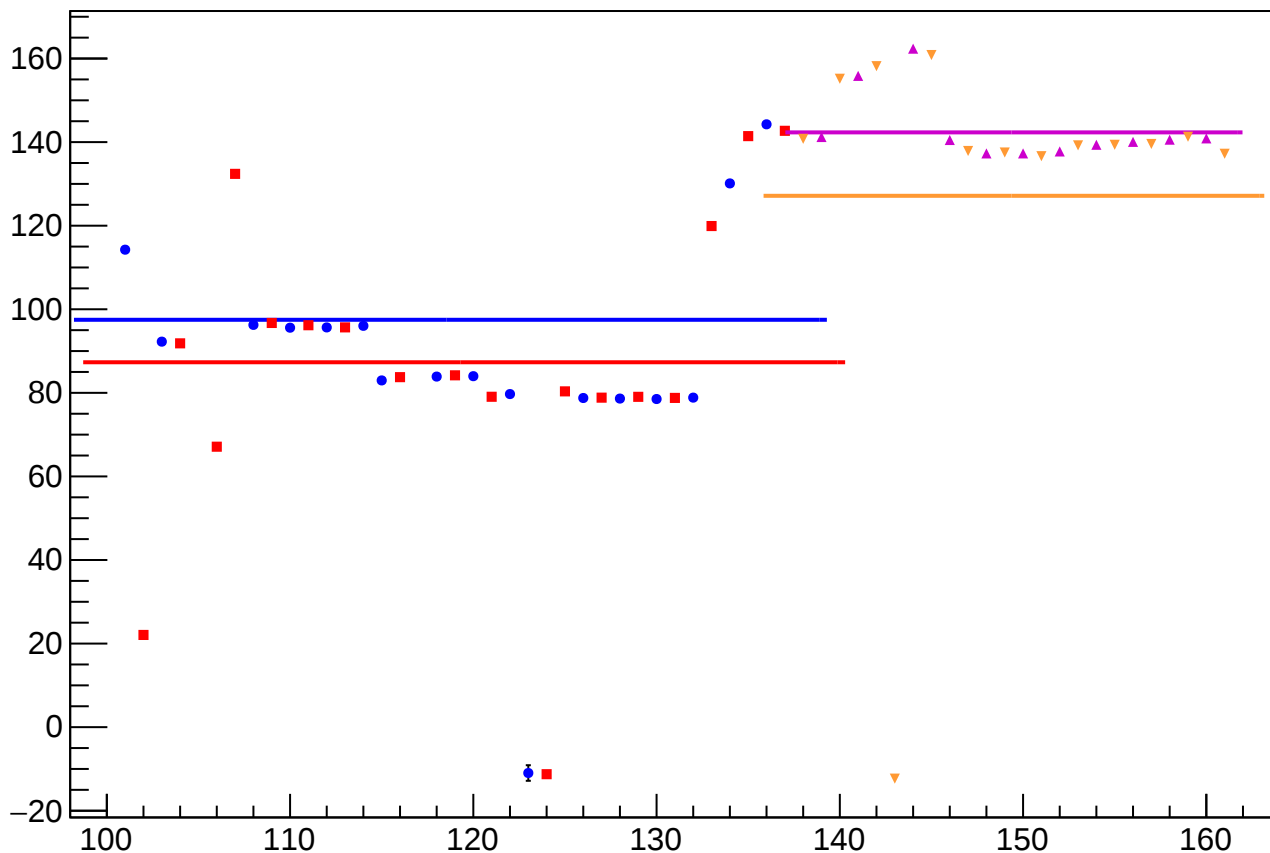
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -77.183 ± 0.893 χ^2/NDF : 957.8/27

Out: -72.818 ± 0.853 χ^2/NDF : 1246.4/30

All: -74.902 ± 0.617 χ^2/NDF : 2216.8/58

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: 127.152+/-0.060 χ^2/NDF : 626903.9/12

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 142.328+/-0.063 χ^2/NDF : 13537.9/10

Left: 134.378+/-0.043 χ^2/NDF : 671128.8/23

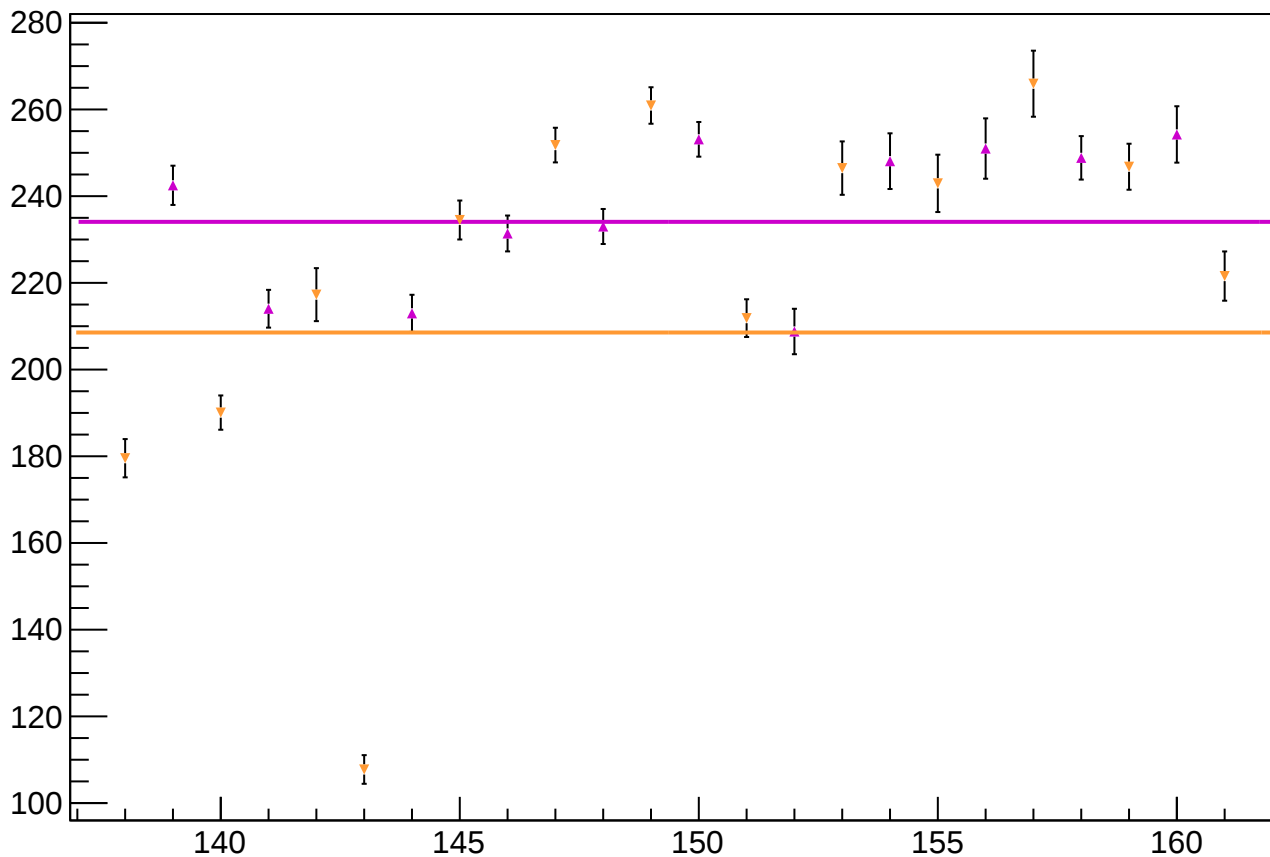
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 123.399+/-0.048 χ^2/NDF : 323849.2/27

Out: 109.886+/-0.045 χ^2/NDF : 1041250.2/30

All: 116.253+/-0.033 χ^2/NDF : 1407598.9/58

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: 208.550+/-1.304 χ^2/NDF :1481.0/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.075+/-1.439 χ^2/NDF :124.3/10

Left: 220.064+/-0.966 χ^2/NDF : 1778.0/23

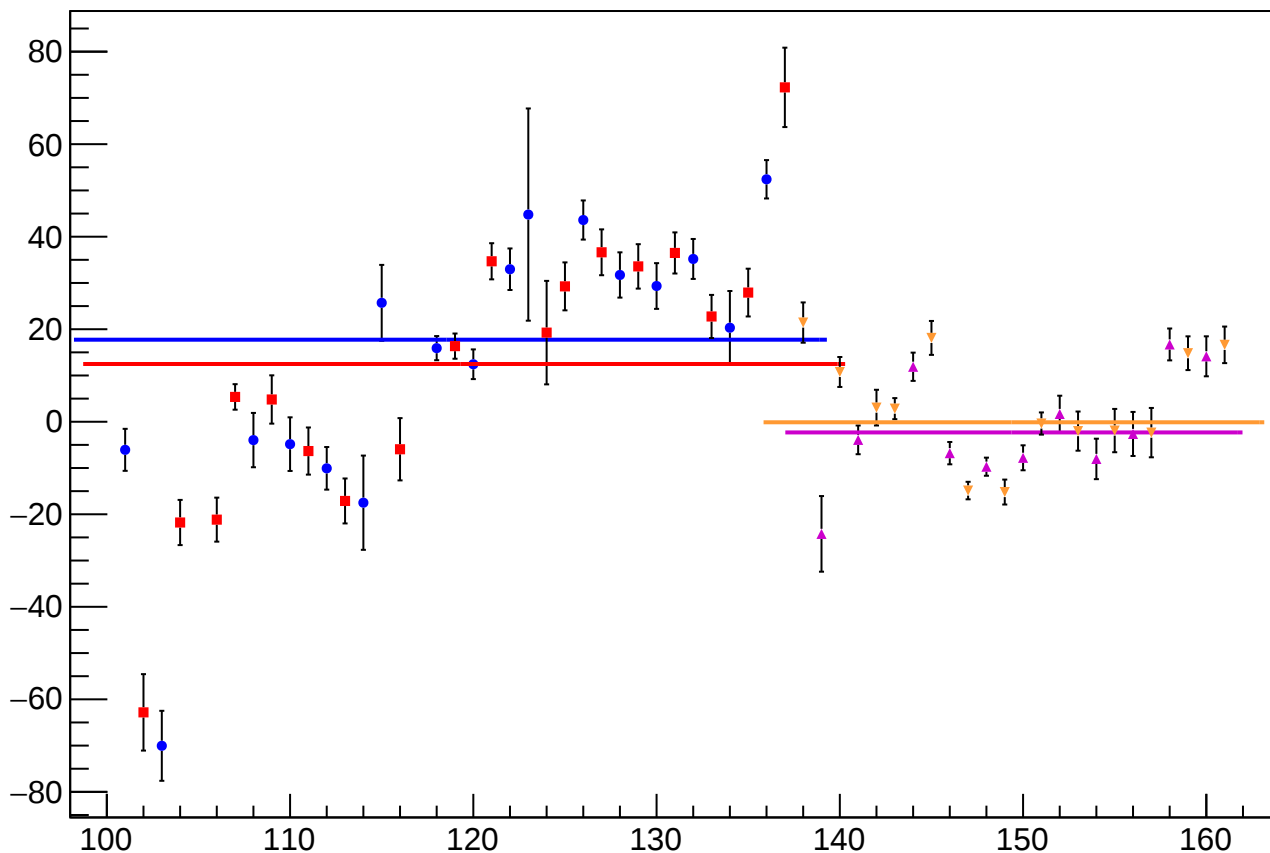
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.075+/-1.439 χ^2/NDF :124.3/10

Out: 208.550+/-1.304 χ^2/NDF :1481.0/12

All: 220.064+/-0.966 χ^2/NDF : 1778.0/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: -0.115 $\pm$ 0.861 χ^2 /NDF:190.2/12

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -2.308 $\pm$ 0.956 χ^2 /NDF:98.7/10

Left: -1.098 $\pm$ 0.640 χ^2 /NDF: 291.8/23

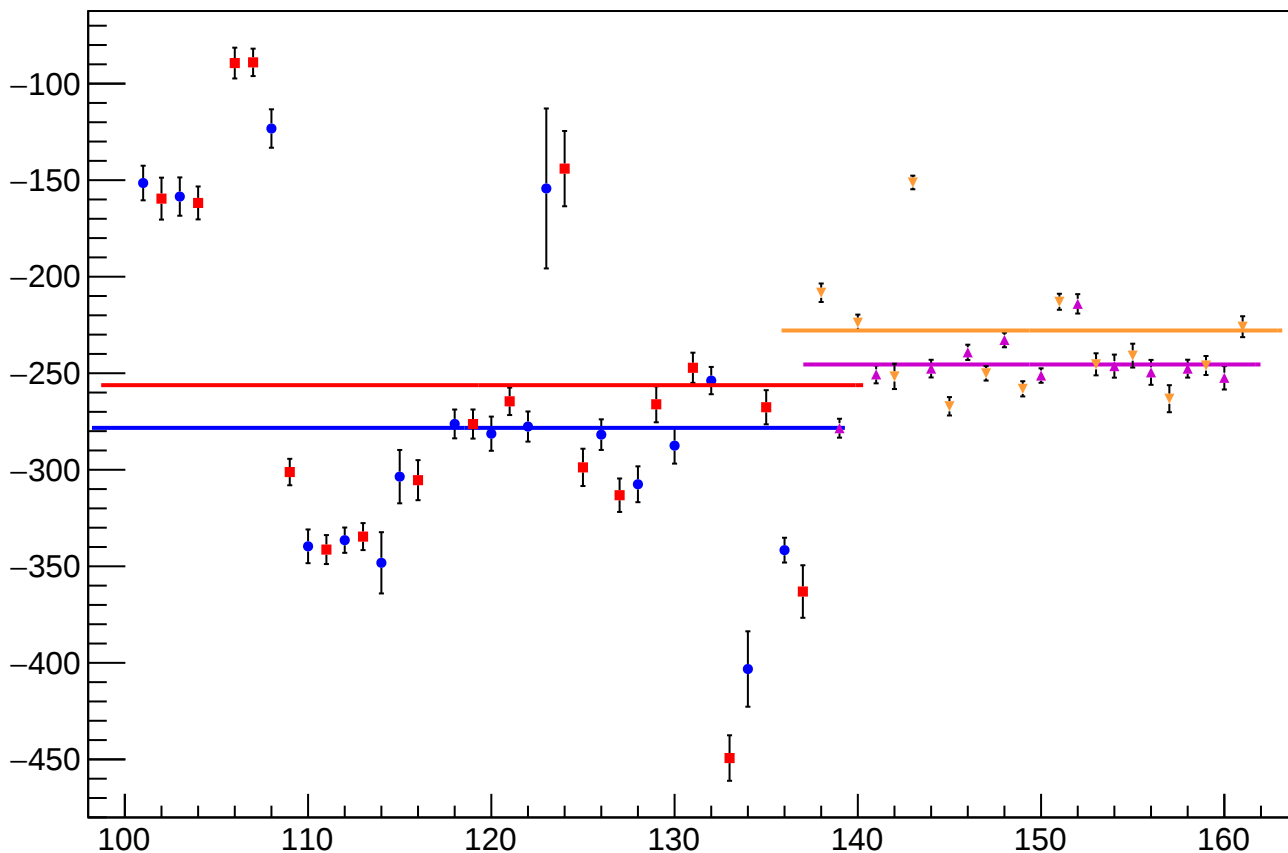
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 5.894 $\pm$ 0.735 χ^2 /NDF:672.6/27

Out: 4.753 $\pm$ 0.675 χ^2 /NDF:702.1/30

All: 5.275 $\pm$ 0.497 χ^2 /NDF: 1376.0/58

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -227.861 ± 1.296 χ^2/NDF : 731.8/12

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -245.465 ± 1.405 χ^2/NDF : 104.1/10

Left: -235.957 ± 0.953 χ^2/NDF : 920.7/23

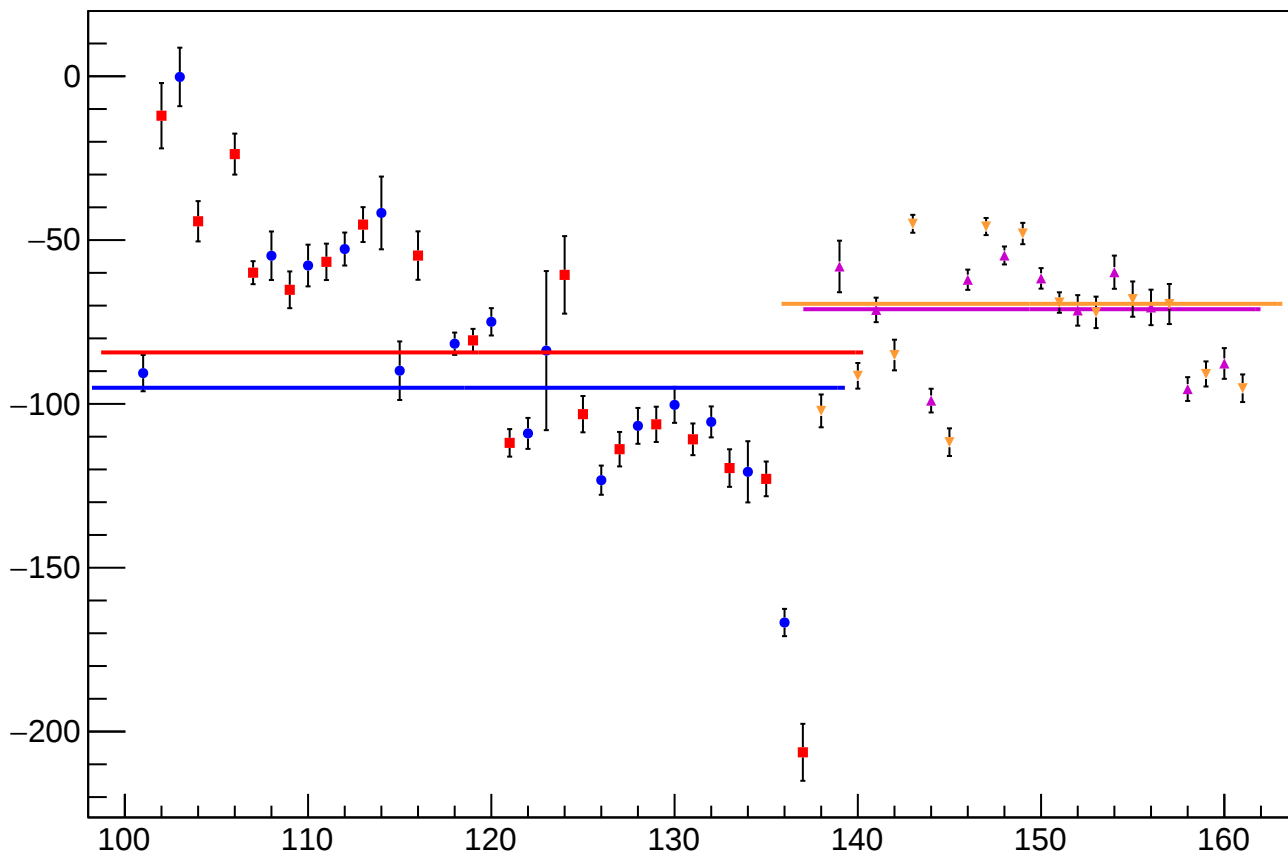
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -255.144 ± 1.179 χ^2/NDF : 1175.1/27

Out: -236.091 ± 1.092 χ^2/NDF : 2822.8/30

All: -244.882 ± 0.801 χ^2/NDF : 4138.4/58

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -69.448 ± 1.046 $\chi^2/\text{NDF}: 459.2/12$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -71.100 ± 1.159 $\chi^2/\text{NDF}: 178.0/10$

Left: -70.190 ± 0.777 $\chi^2/\text{NDF}: 638.3/23$

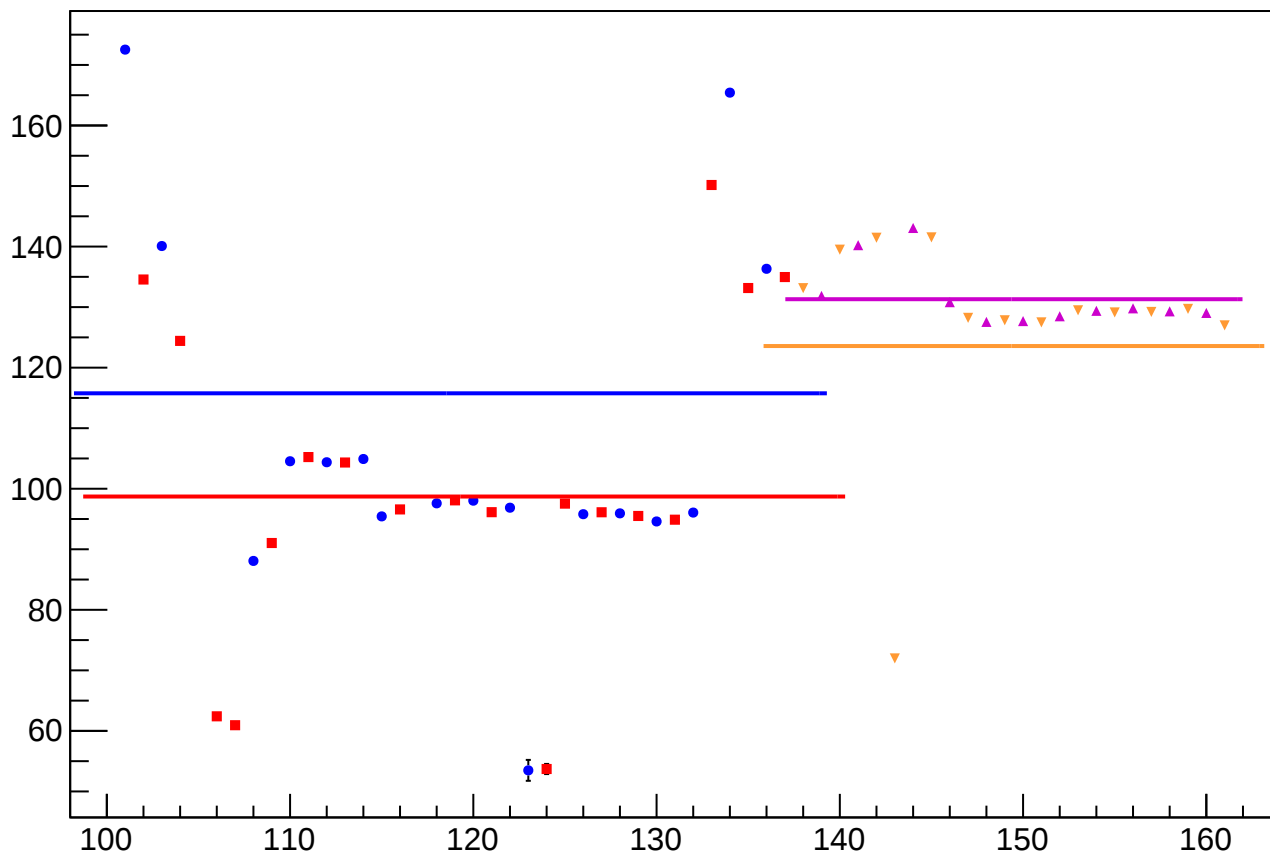
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -81.486 ± 0.872 $\chi^2/\text{NDF}: 1036.7/27$

Out: -75.514 ± 0.804 $\chi^2/\text{NDF}: 1310.3/30$

All: -78.259 ± 0.591 $\chi^2/\text{NDF}: 2372.2/58$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.570 $\pm$ 0.052 χ^2 /NDF:161487.1/12

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 131.305 $\pm$ 0.056 χ^2 /NDF:7384.0/10

Left: 127.173 $\pm$ 0.038 χ^2 /NDF: 179119.9/23

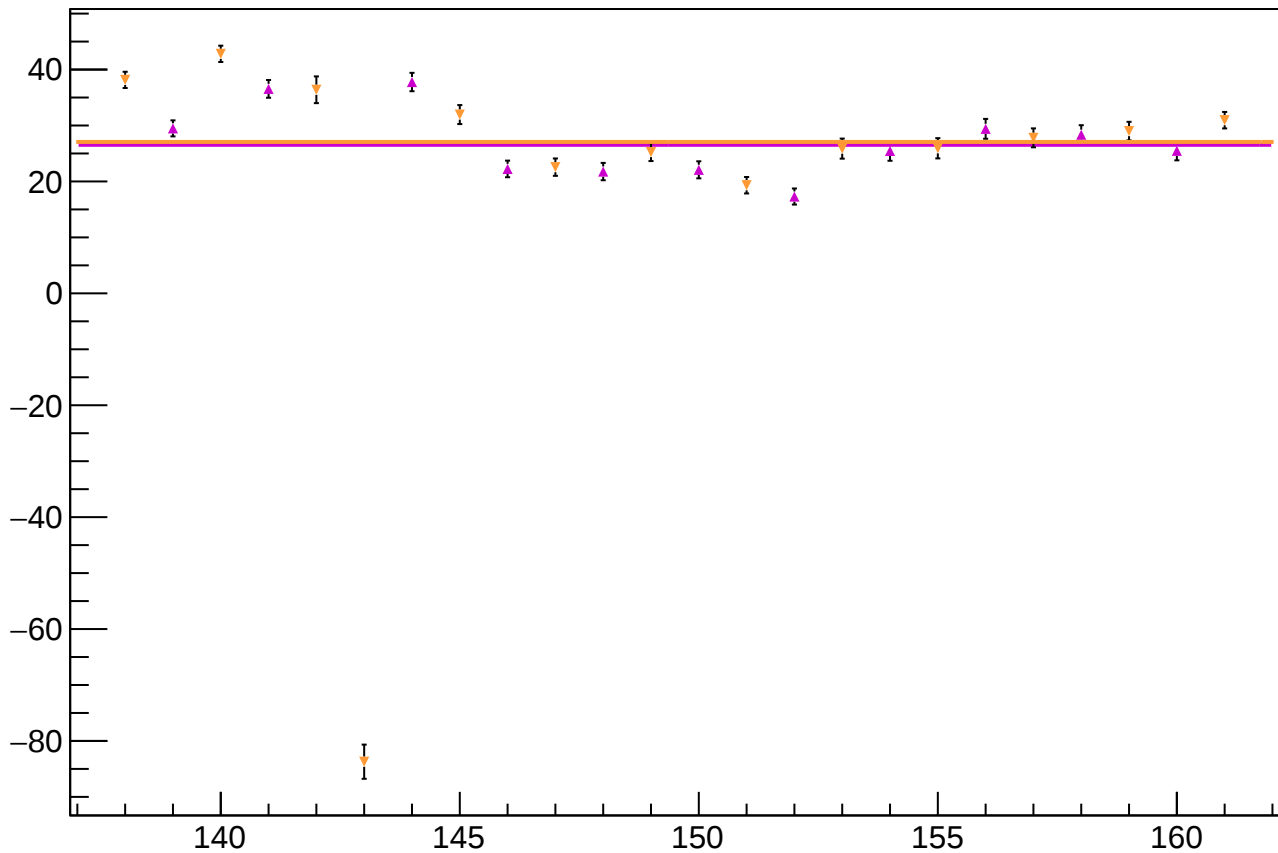
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.046 $\pm$ 0.045 χ^2 /NDF:139892.8/27

Out: 114.484 $\pm$ 0.042 χ^2 /NDF:414705.9/30

All: 119.750 $\pm$ 0.031 χ^2 /NDF: 589878.8/58

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 27.062+/-0.465 χ^2/NDF :1559.3/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.550+/-0.478 χ^2/NDF :163.0/10

Left: 26.814+/-0.333 χ^2/NDF : 1722.9/23

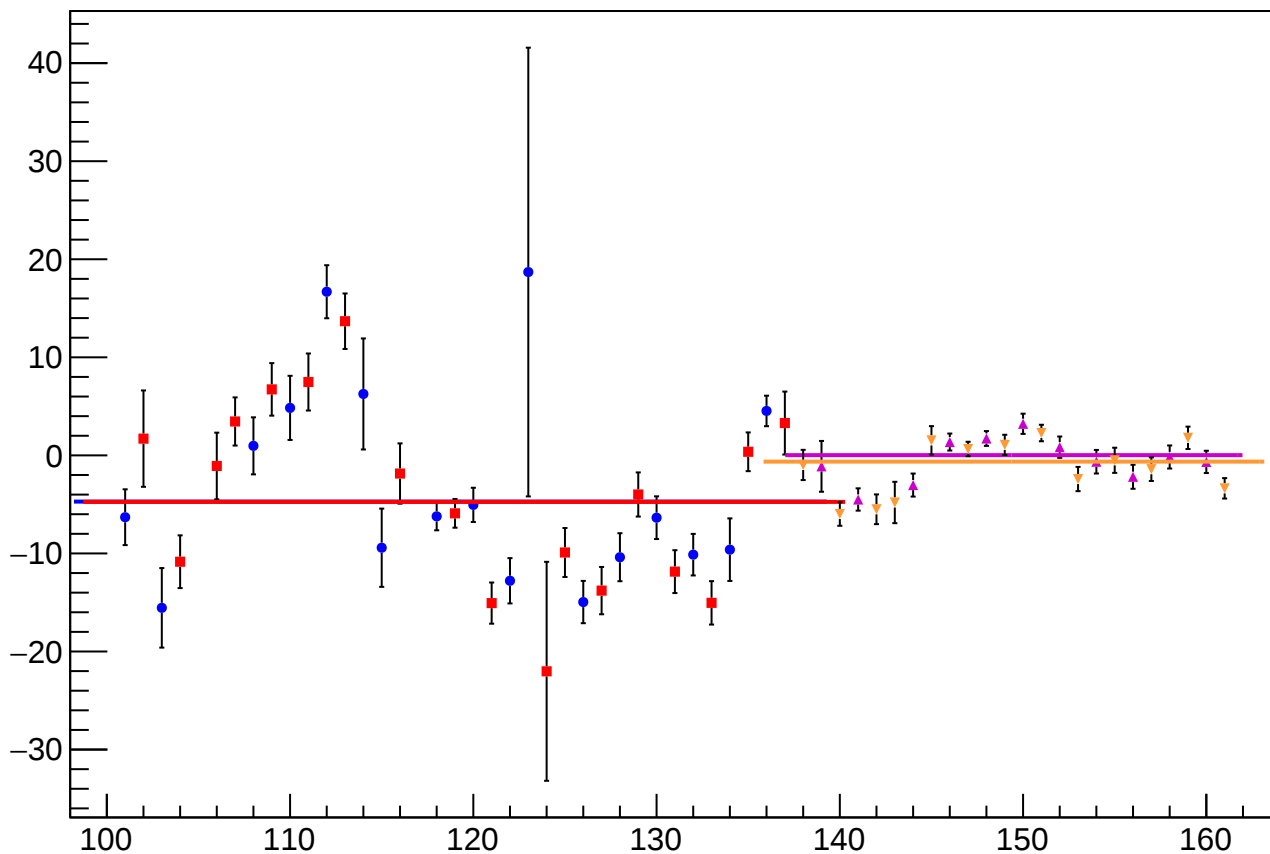
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.550+/-0.478 χ^2/NDF :163.0/10

Out: 27.062+/-0.465 χ^2/NDF :1559.3/12

All: 26.814+/-0.333 χ^2/NDF : 1722.9/23

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -0.637 ± 0.315 $\chi^2/\text{NDF}: 67.8/12$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: 0.023 ± 0.326 $\chi^2/\text{NDF}: 44.3/10$

Left: -0.319 ± 0.227 $\chi^2/\text{NDF}: 114.2/23$

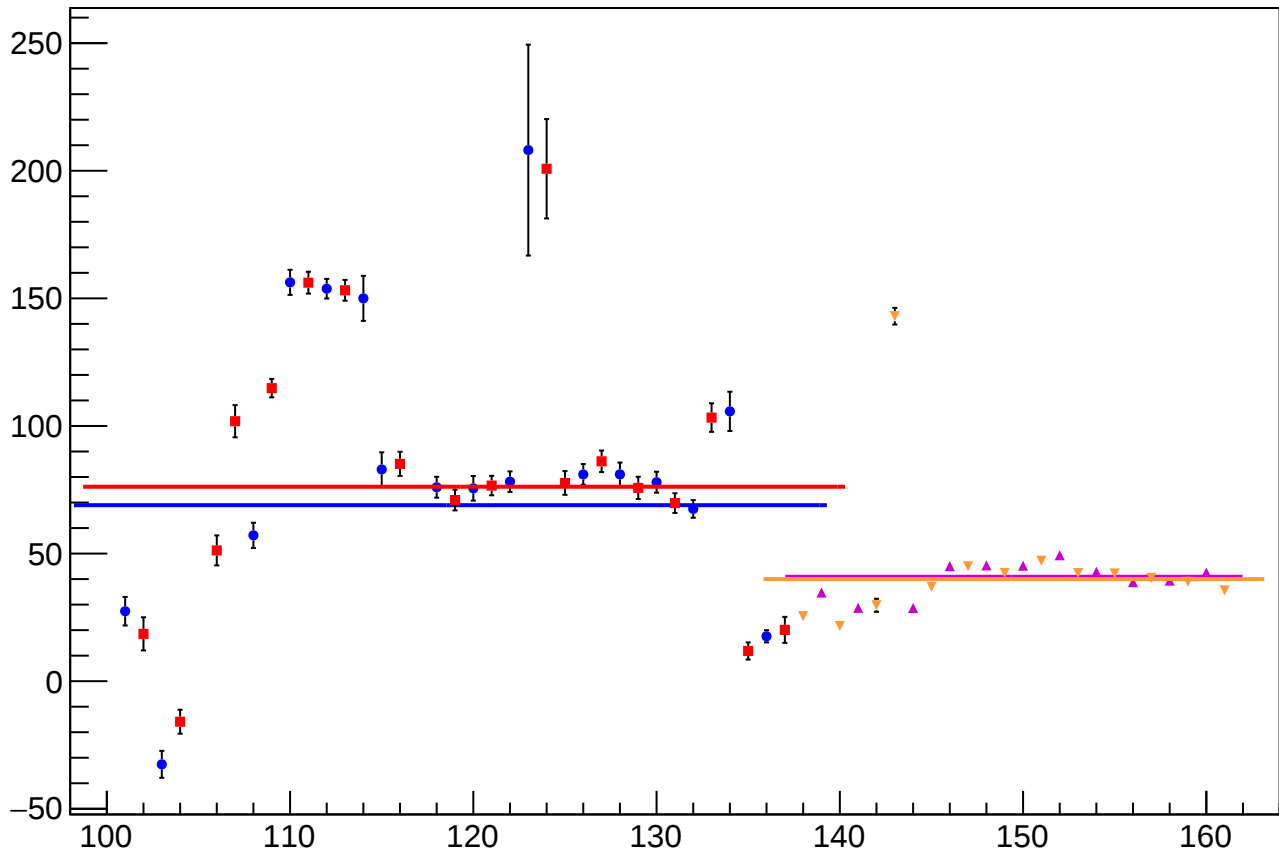
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -1.114 ± 0.285 $\chi^2/\text{NDF}: 269.5/27$

Out: -1.560 ± 0.277 $\chi^2/\text{NDF}: 295.3/30$

All: -1.343 ± 0.199 $\chi^2/\text{NDF}: 566.1/58$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960+/-1.079 χ^2/NDF : 1844.0/16

Left Out: 39.984+/-0.454 χ^2/NDF :1297.8/12

Right Out: 76.199+/-1.071 χ^2/NDF : 1881.0/17

Left In: 40.910+/-0.465 χ^2/NDF :186.4/10

Left: 40.436+/-0.325 χ^2/NDF : 1486.2/23

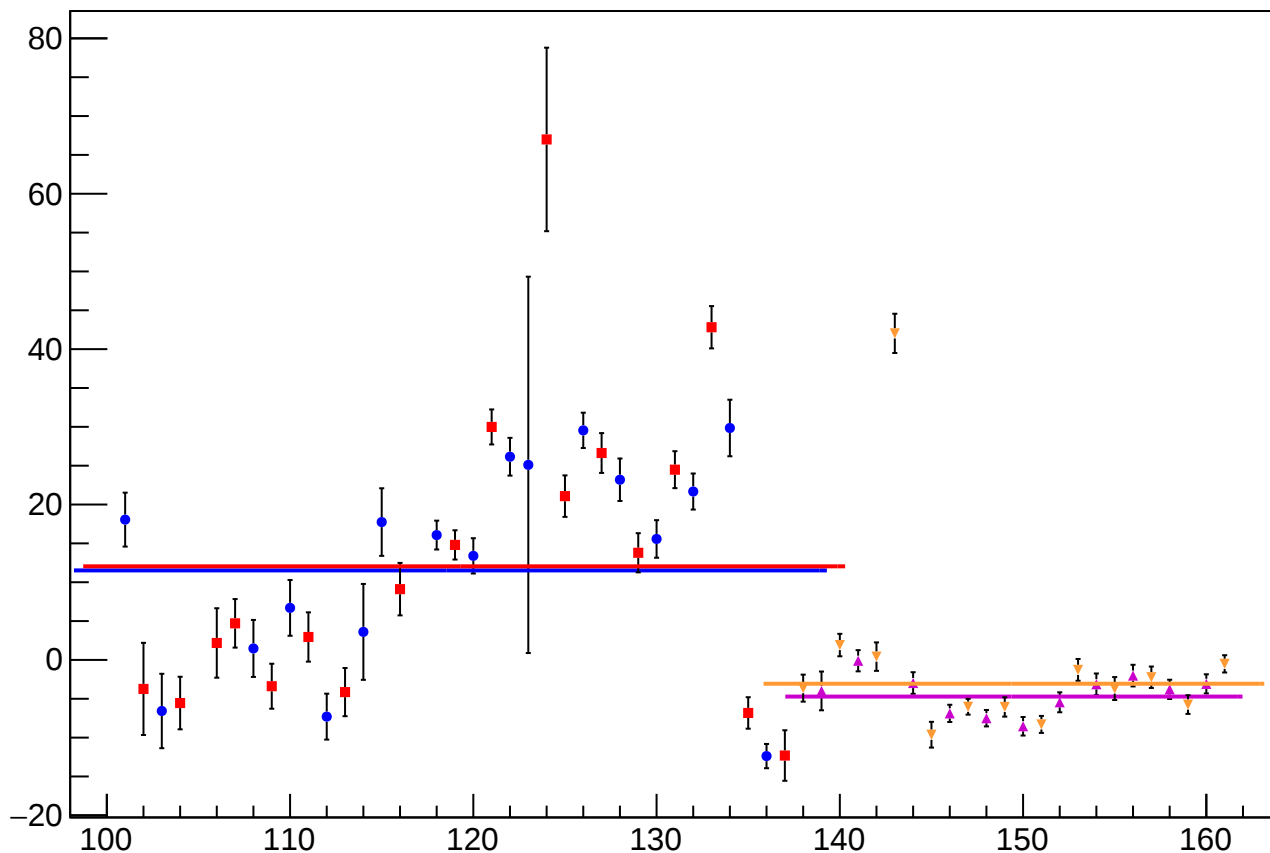
Right: 72.606+/-0.760 χ^2/NDF : 3747.6/34

In: 45.301+/-0.427 χ^2/NDF :2600.4/27

Out: 45.495+/-0.418 χ^2/NDF :4148.2/30

All: 45.400+/-0.299 χ^2/NDF : 6748.7/58

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.064 ± 0.376 $\chi^2/\text{NDF}: 399.8/12$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -4.716 ± 0.390 $\chi^2/\text{NDF}: 41.8/10$

Left: -3.859 ± 0.271 $\chi^2/\text{NDF}: 450.9/23$

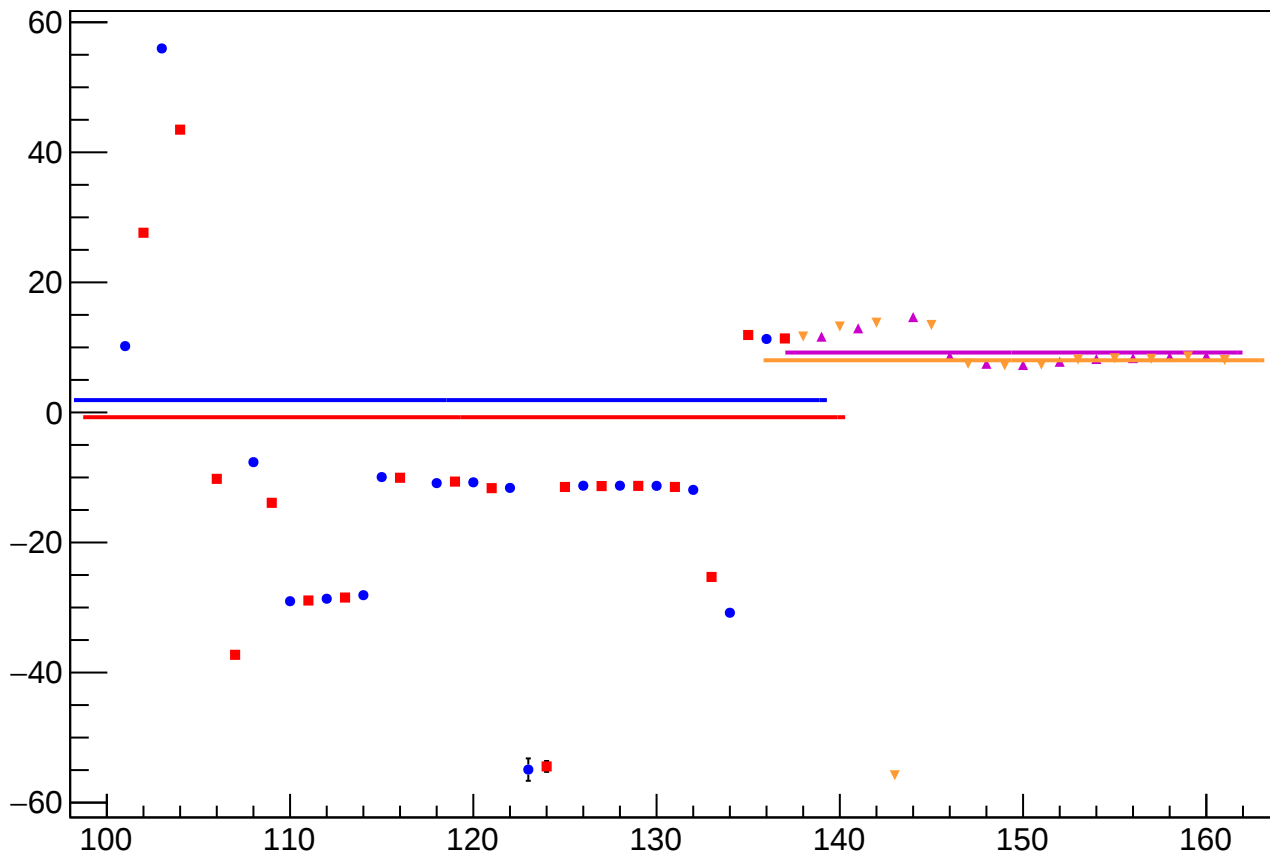
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.513 ± 0.336 $\chi^2/\text{NDF}: 967.8/27$

Out: 0.599 ± 0.327 $\chi^2/\text{NDF}: 1330.2/30$

All: 0.057 ± 0.234 $\chi^2/\text{NDF}: 2303.7/58$

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: 8.019 ± 0.018 χ^2/NDF : 256452.7/12

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 9.211 ± 0.018 χ^2/NDF : 13347.5/10

Left: 8.603 ± 0.013 χ^2/NDF : 272023.0/23

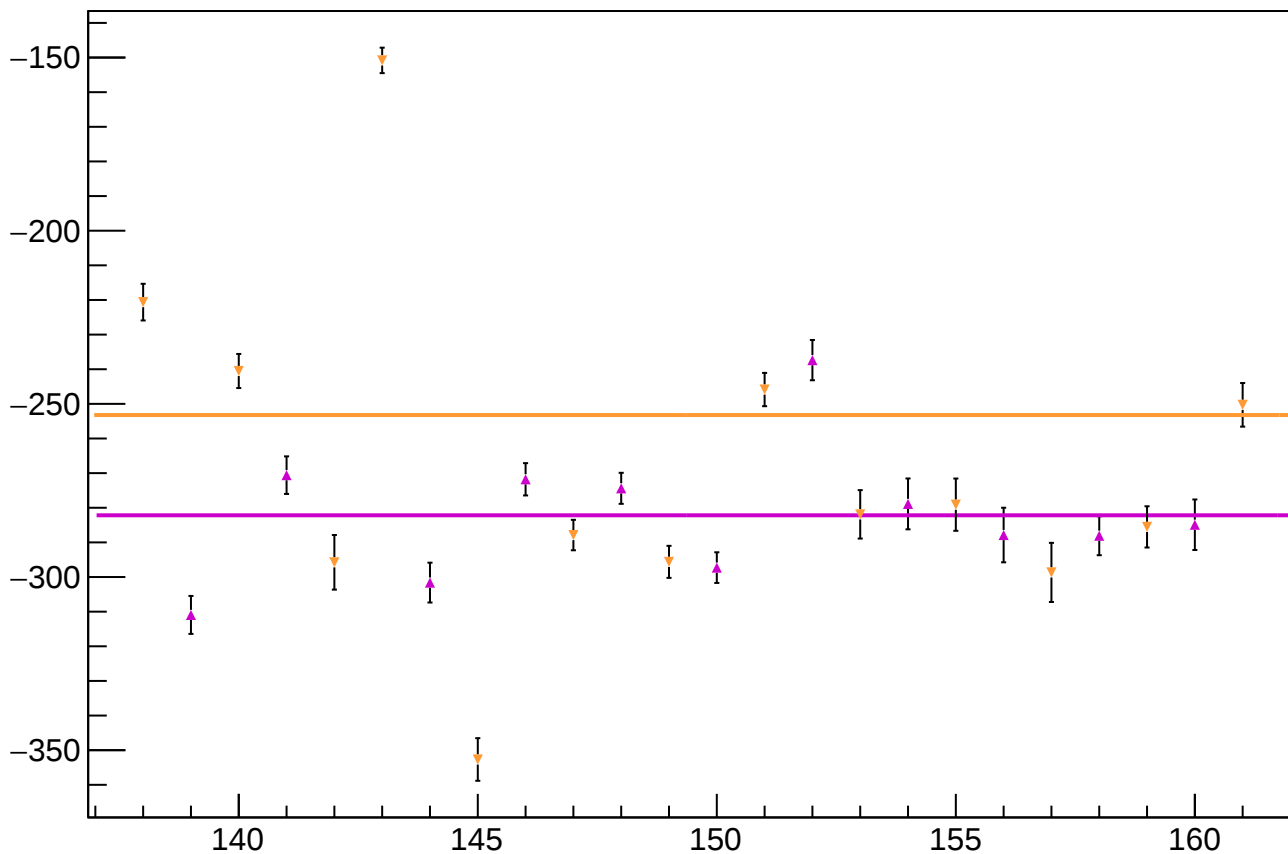
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.808 ± 0.016 χ^2/NDF : 403715.6/27

Out: 6.400 ± 0.016 χ^2/NDF : 661709.4/30

All: 7.092 ± 0.011 χ^2/NDF : 1069249.1/58

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -253.227 ± 1.507 $\chi^2/\text{NDF}: 1345.8/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -282.177 ± 1.669 $\chi^2/\text{NDF}: 124.5/10$

Left: -266.227 ± 1.119 $\chi^2/\text{NDF}: 1636.0/23$

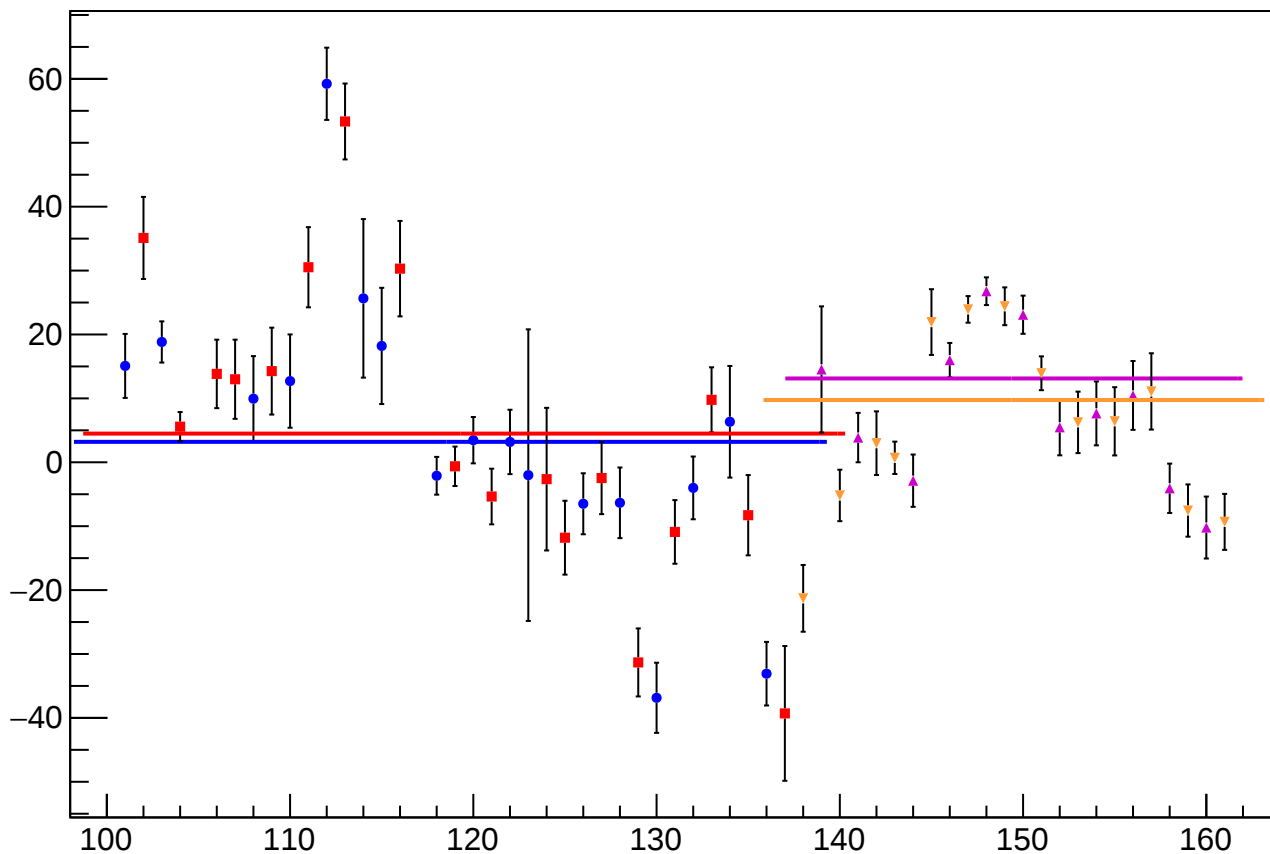
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -282.177 ± 1.669 $\chi^2/\text{NDF}: 124.5/10$

Out: -253.227 ± 1.507 $\chi^2/\text{NDF}: 1345.8/12$

All: -266.227 ± 1.119 $\chi^2/\text{NDF}: 1636.0/23$

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: 9.749 ± 0.981 $\chi^2/\text{NDF}: 180.5/12$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 13.117 ± 1.094 $\chi^2/\text{NDF}: 120.3/10$

Left: 11.251 ± 0.730 $\chi^2/\text{NDF}: 306.1/23$

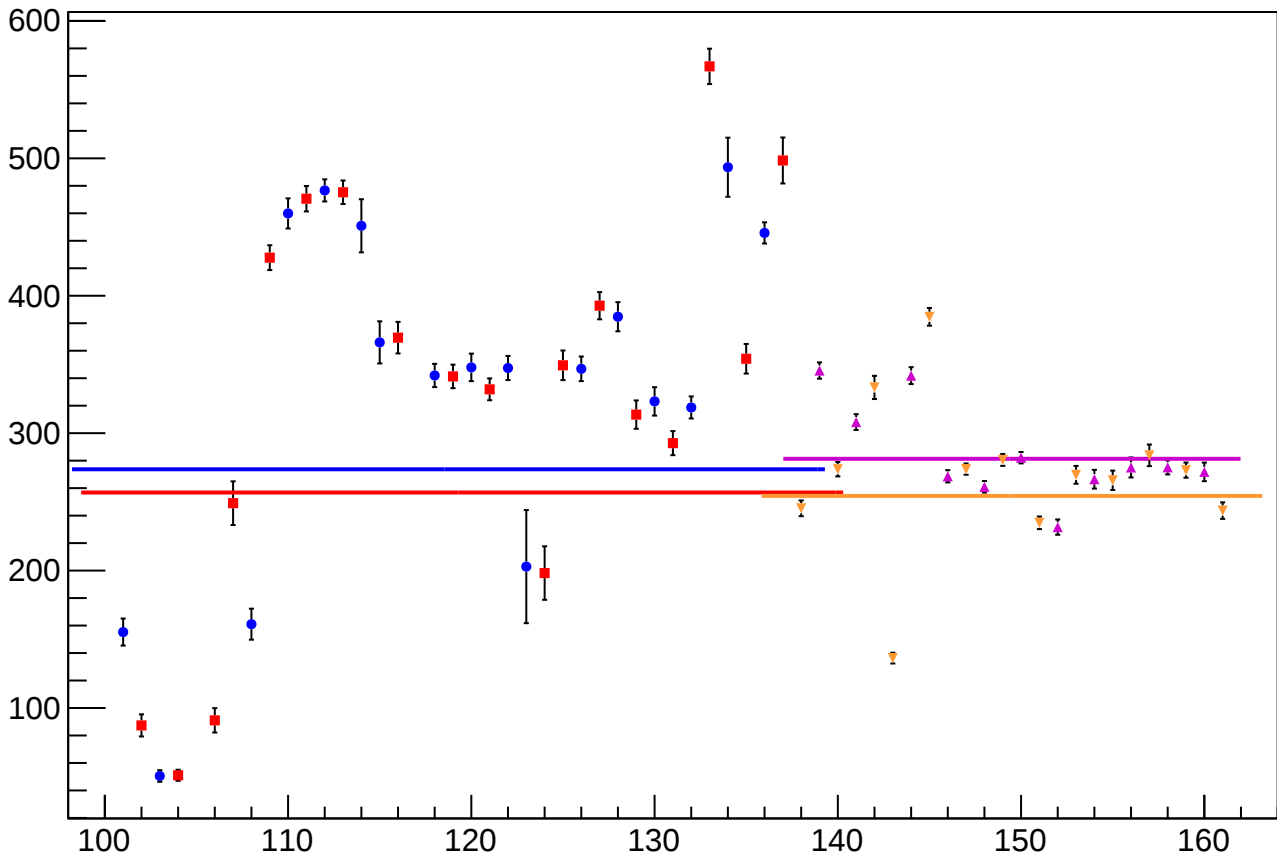
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 8.726 ± 0.817 $\chi^2/\text{NDF}: 411.9/27$

Out: 7.552 ± 0.749 $\chi^2/\text{NDF}: 414.3/30$

All: 8.088 ± 0.552 $\chi^2/\text{NDF}: 827.3/58$

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: 254.354 $\pm$ 1.489 χ^2 /NDF:1531.9/12

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 281.348 $\pm$ 1.619 χ^2 /NDF:355.5/10

Left: 266.725 $\pm$ 1.096 χ^2 /NDF: 2038.1/23

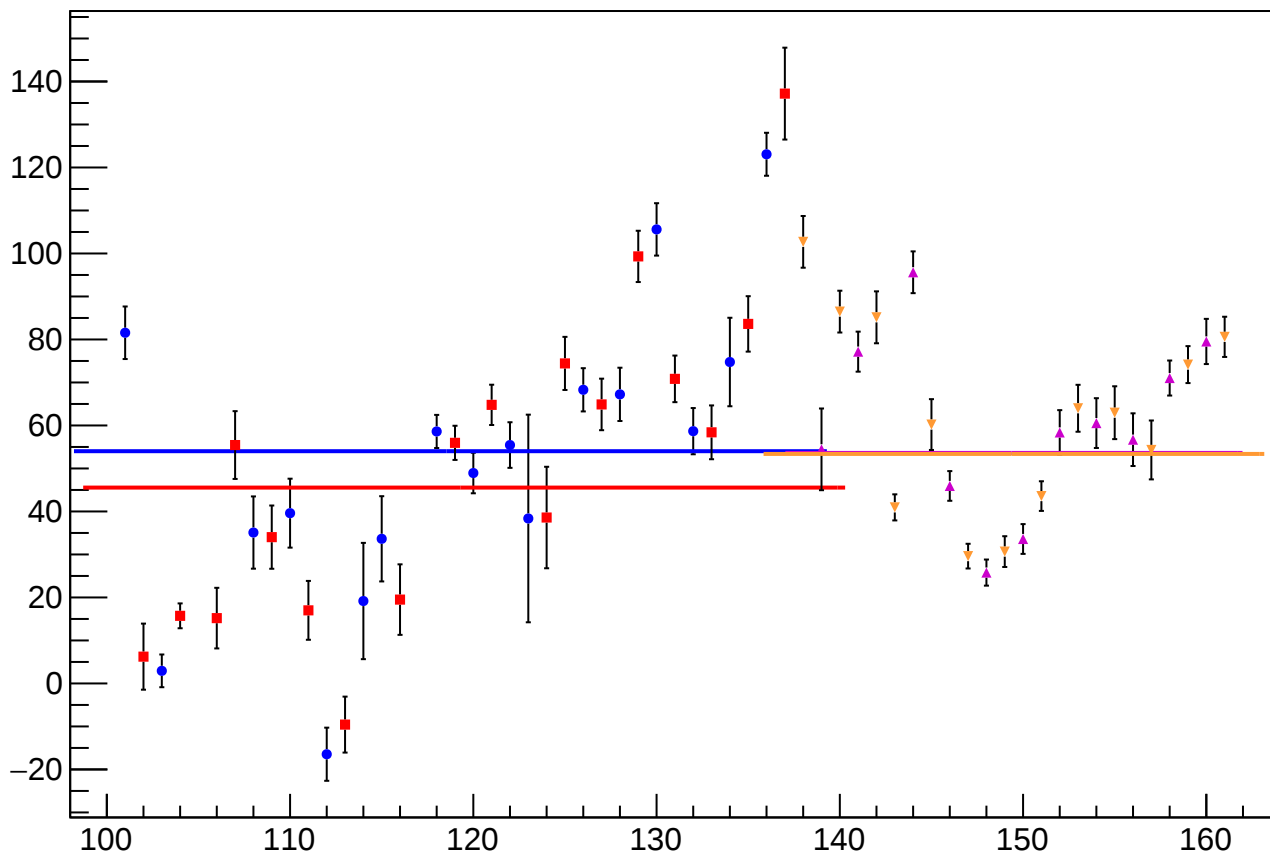
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 278.659 $\pm$ 1.303 χ^2 /NDF:5466.6/27

Out: 255.190 $\pm$ 1.211 χ^2 /NDF:7944.6/30

All: 266.073 $\pm$ 0.887 χ^2 /NDF: 13585.3/58

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: 53.380 $\pm$ 1.196 χ^2 /NDF:339.8/12

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 53.612 $\pm$ 1.330 χ^2 /NDF:267.9/10

Left: 53.484 $\pm$ 0.889 χ^2 /NDF: 607.7/23

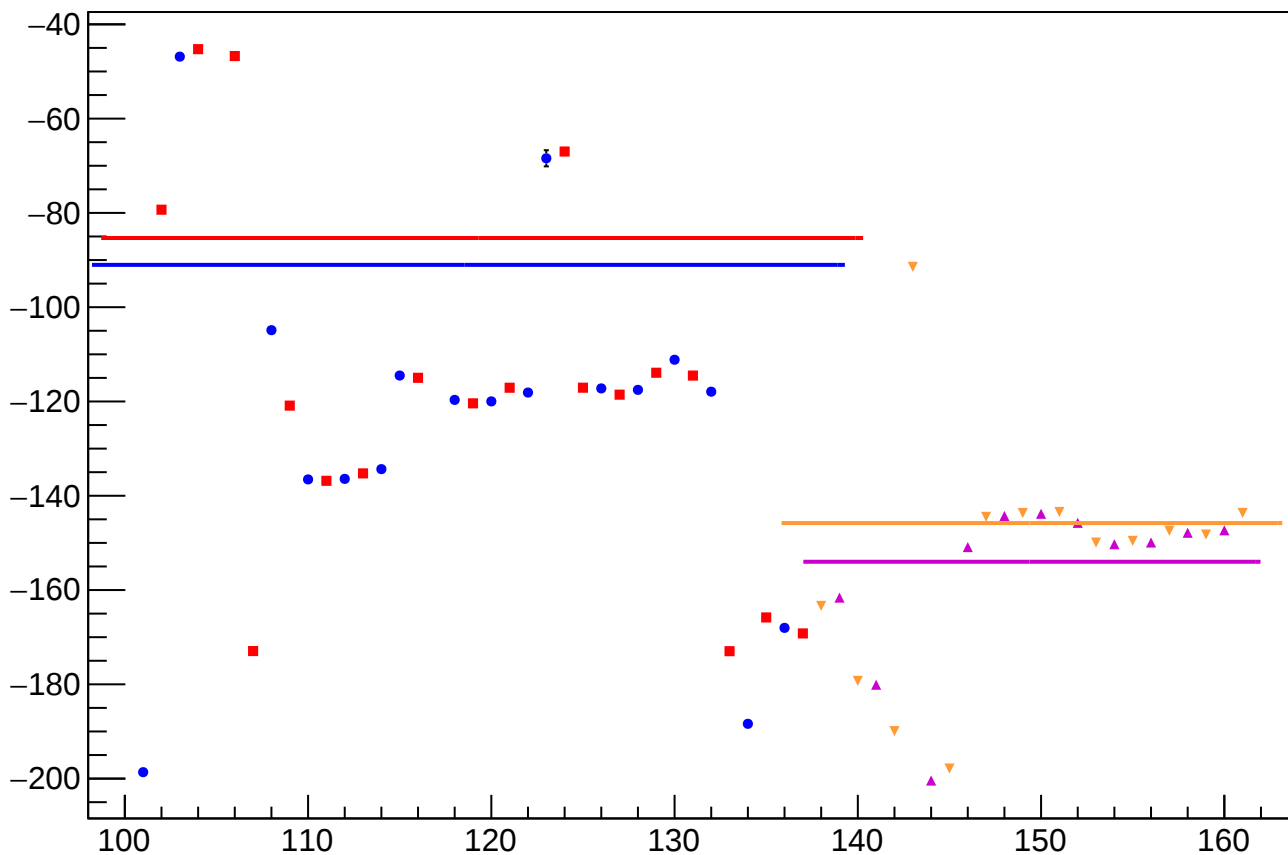
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 53.800 $\pm$ 0.972 χ^2 /NDF:900.8/27

Out: 49.963 $\pm$ 0.898 χ^2 /NDF:885.2/30

All: 51.730 $\pm$ 0.659 χ^2 /NDF: 1794.4/58

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.794+/-0.060 χ^2/NDF : 205559.4/12

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -154.000+/-0.064 χ^2/NDF : 53661.8/10

Left: -149.609+/-0.044 χ^2/NDF : 267925.2/23

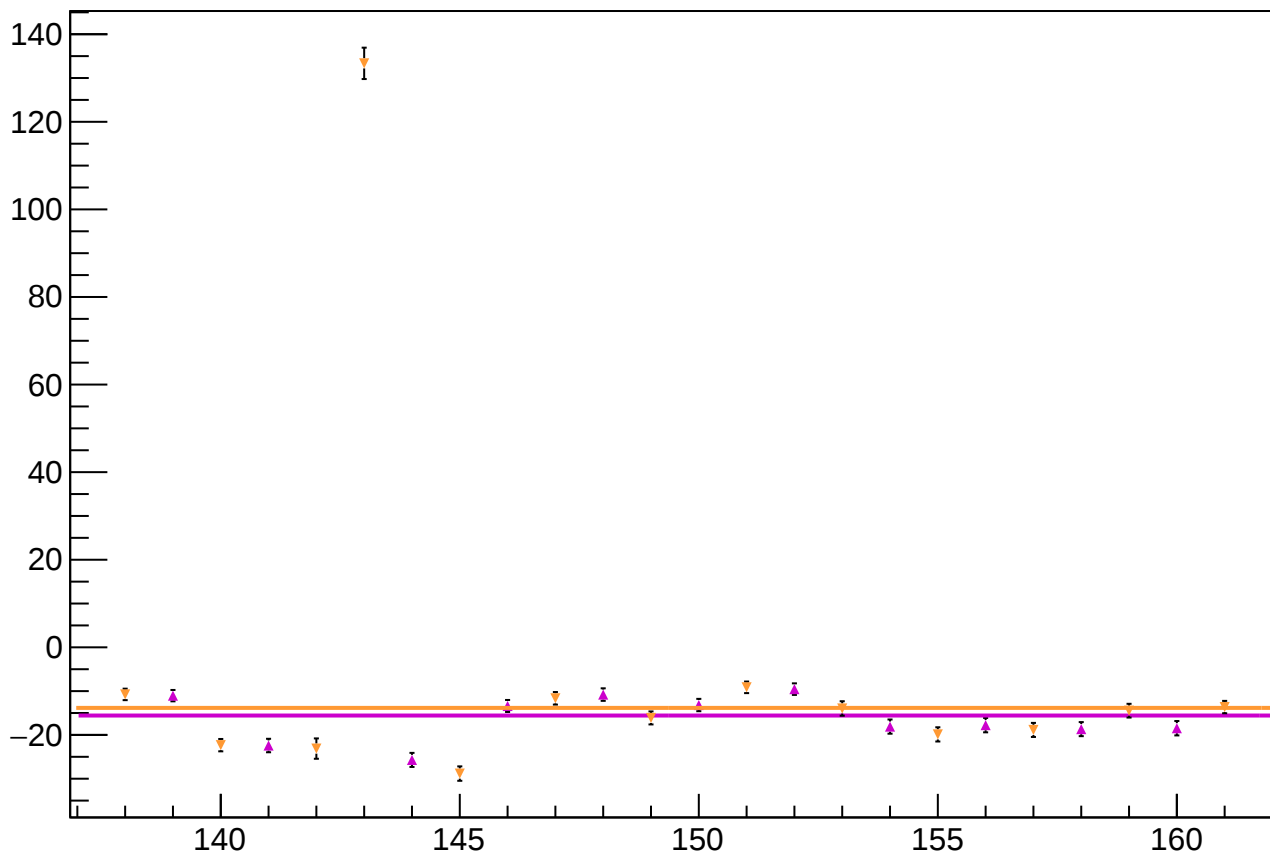
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -124.057+/-0.047 χ^2/NDF : 1043454.2/27

Out: -118.061+/-0.044 χ^2/NDF : 1154858.5/30

All: -120.896+/-0.032 χ^2/NDF : 2207041.6/58

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.830+/-0.436 χ^2/NDF :1870.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.574+/-0.447 χ^2/NDF :120.3/10

Left: -14.681+/-0.312 χ^2/NDF : 1998.9/23

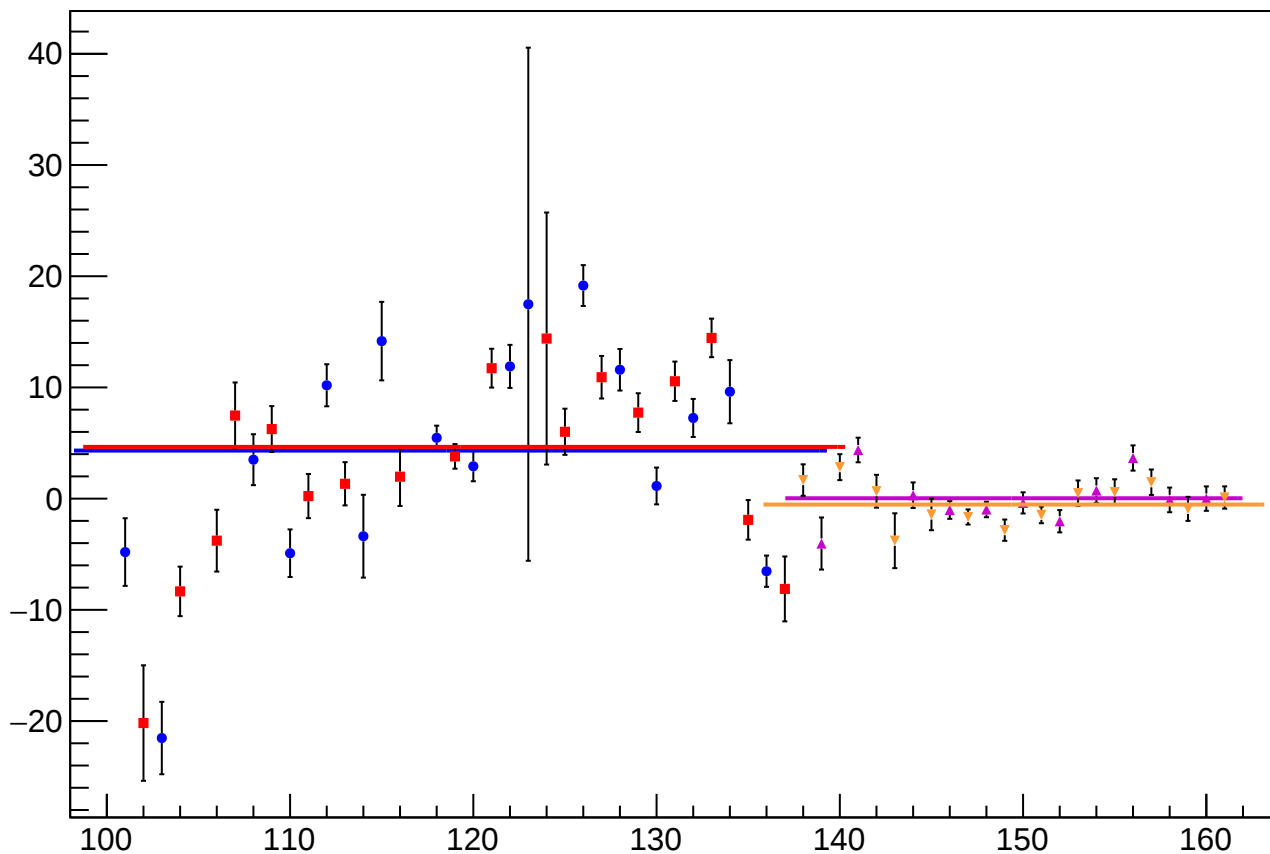
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.574+/-0.447 χ^2/NDF :120.3/10

Out: -13.830+/-0.436 χ^2/NDF :1870.8/12

All: -14.681+/-0.312 χ^2/NDF : 1998.9/23

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: -0.529 ± 0.295 $\chi^2/\text{NDF}: 28.9/12$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.034 ± 0.305 $\chi^2/\text{NDF}: 37.4/10$

Left: -0.258 ± 0.212 $\chi^2/\text{NDF}: 68.0/23$

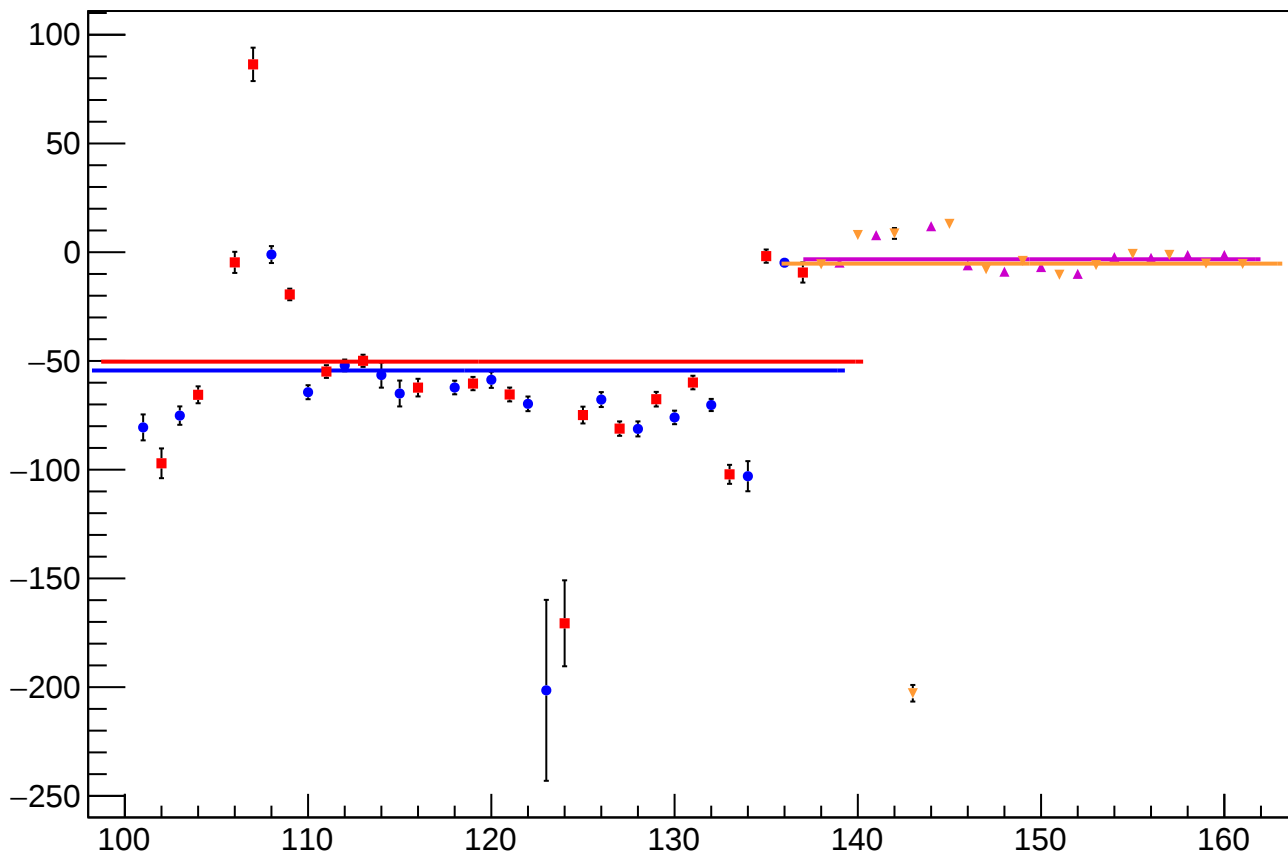
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.325 ± 0.255 $\chi^2/\text{NDF}: 377.0/27$

Out: 0.914 ± 0.250 $\chi^2/\text{NDF}: 299.6/30$

All: 1.116 ± 0.179 $\chi^2/\text{NDF}: 677.9/58$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: -5.248 ± 0.425 χ^2/NDF : 2933.7/12

Right Out: -50.316 ± 0.858 χ^2/NDF : 1319.3/17

Left In: -3.252 ± 0.434 χ^2/NDF : 187.2/10

Left: -4.271 ± 0.304 χ^2/NDF : 3131.7/23

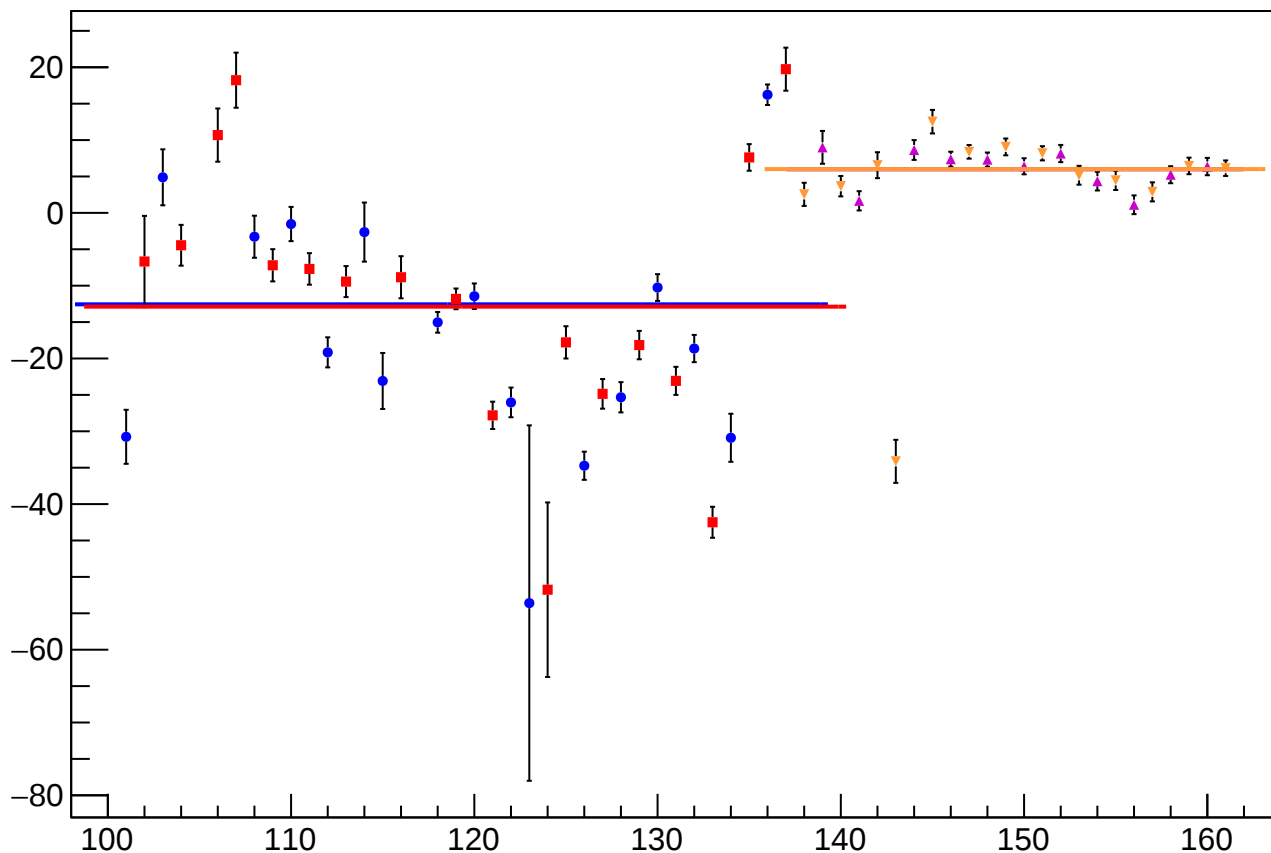
Right: -52.337 ± 0.609 χ^2/NDF : 2344.4/34

In: -13.541 ± 0.388 χ^2/NDF : 3995.9/27

Out: -14.118 ± 0.381 χ^2/NDF : 6467.5/30

All: -13.835 ± 0.272 χ^2/NDF : 10464.5/58

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.013 ± 0.352 χ^2/NDF : 234.3/12

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.981 ± 0.365 χ^2/NDF : 39.8/10

Left: 5.998 ± 0.254 χ^2/NDF : 274.1/23

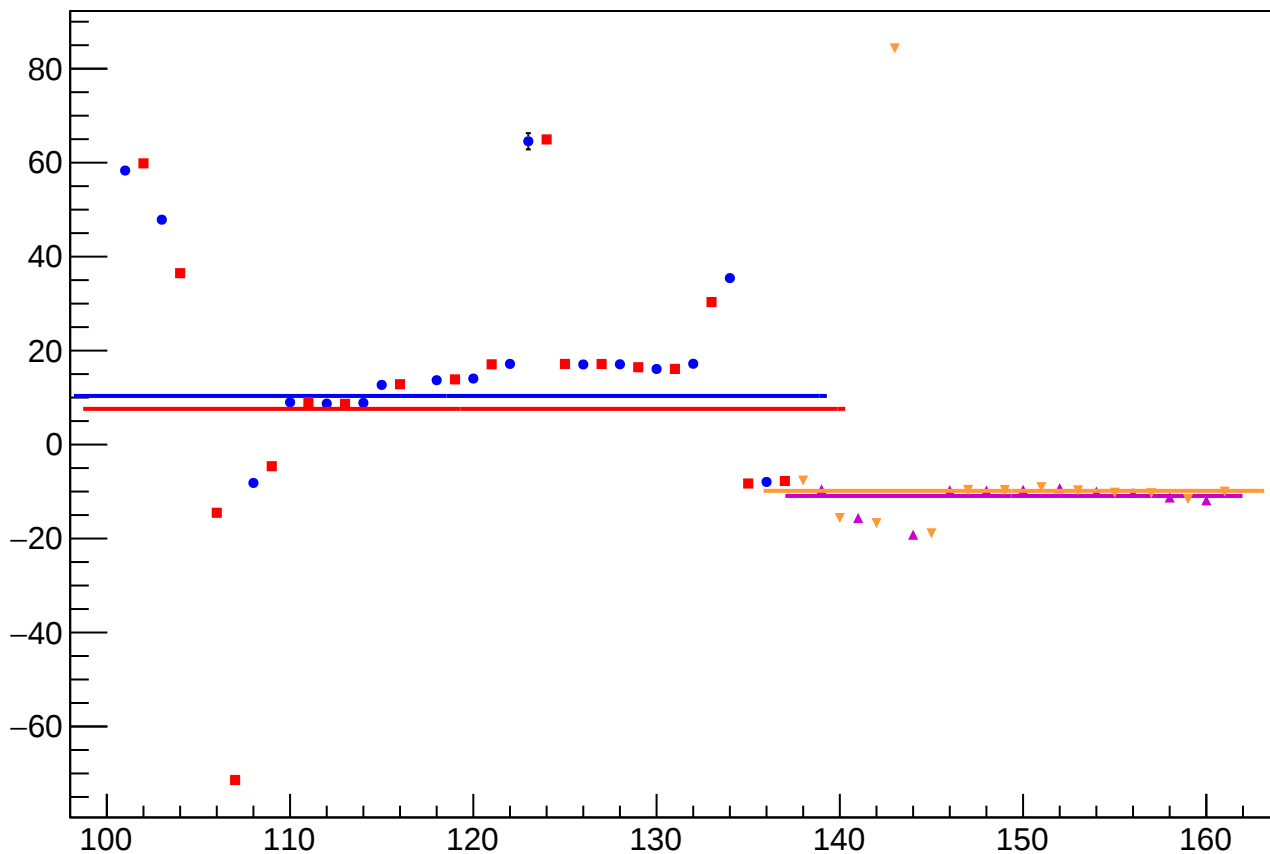
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.035 ± 0.301 χ^2/NDF : 1646.2/27

Out: 0.348 ± 0.295 χ^2/NDF : 1823.6/30

All: 0.195 ± 0.211 χ^2/NDF : 3470.4/58

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: -9.846 $\pm$ 0.017 χ^2 /NDF:408953.3/12

Right Out: 7.602 $\pm$ 0.031 χ^2 /NDF: 538460.3/17

Left In: -10.937 $\pm$ 0.017 χ^2 /NDF:21196.2/10

Left: -10.383 $\pm$ 0.012 χ^2 /NDF: 432284.4/23

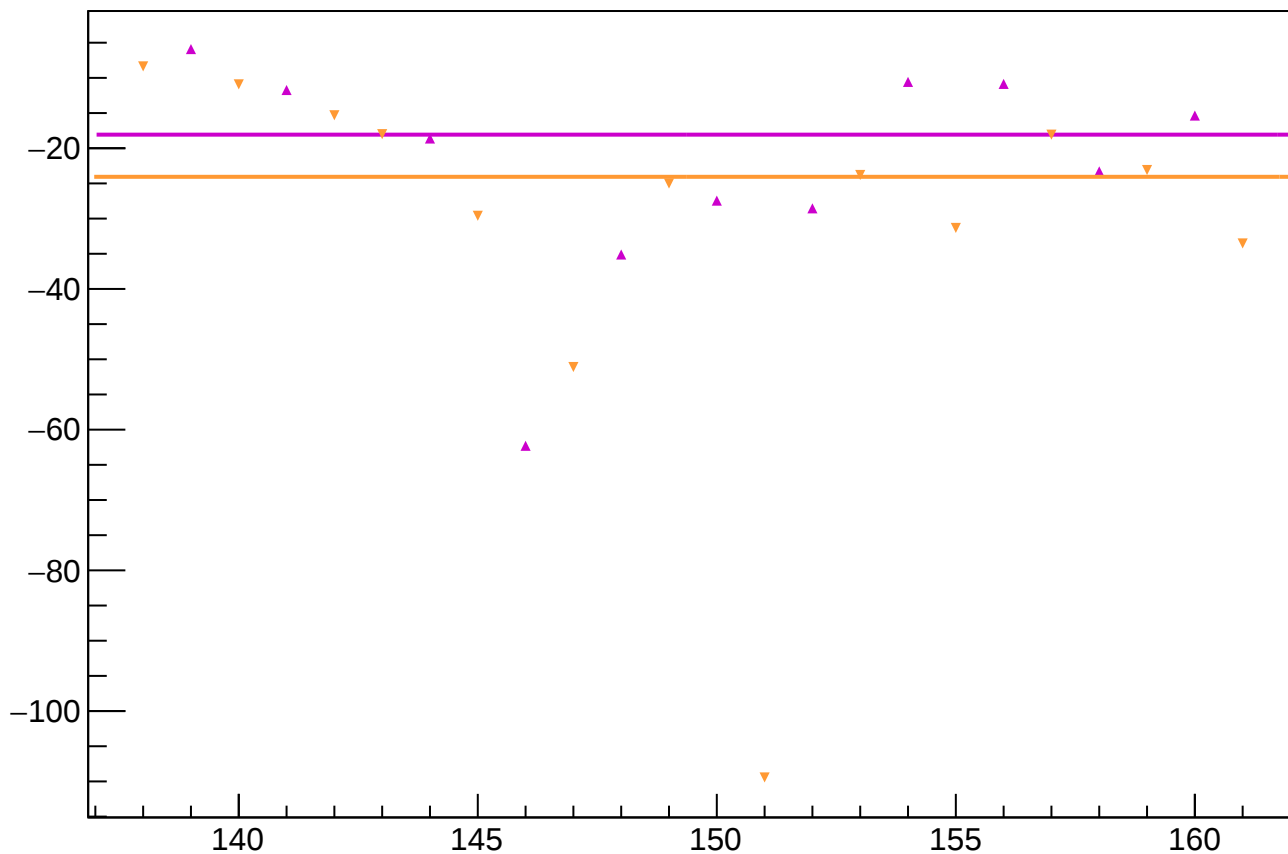
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -5.985 $\pm$ 0.015 χ^2 /NDF:773926.3/27

Out: -6.030 $\pm$ 0.015 χ^2 /NDF:1190308.0/30

All: -6.008 $\pm$ 0.010 χ^2 /NDF: 1964239.0/58

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -24.061 ± 0.072 $\chi^2/\text{NDF}: 52142.7/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -18.069 ± 0.063 $\chi^2/\text{NDF}: 36787.7/10$

Left: -20.693 ± 0.048 $\chi^2/\text{NDF}: 92832.2/23$

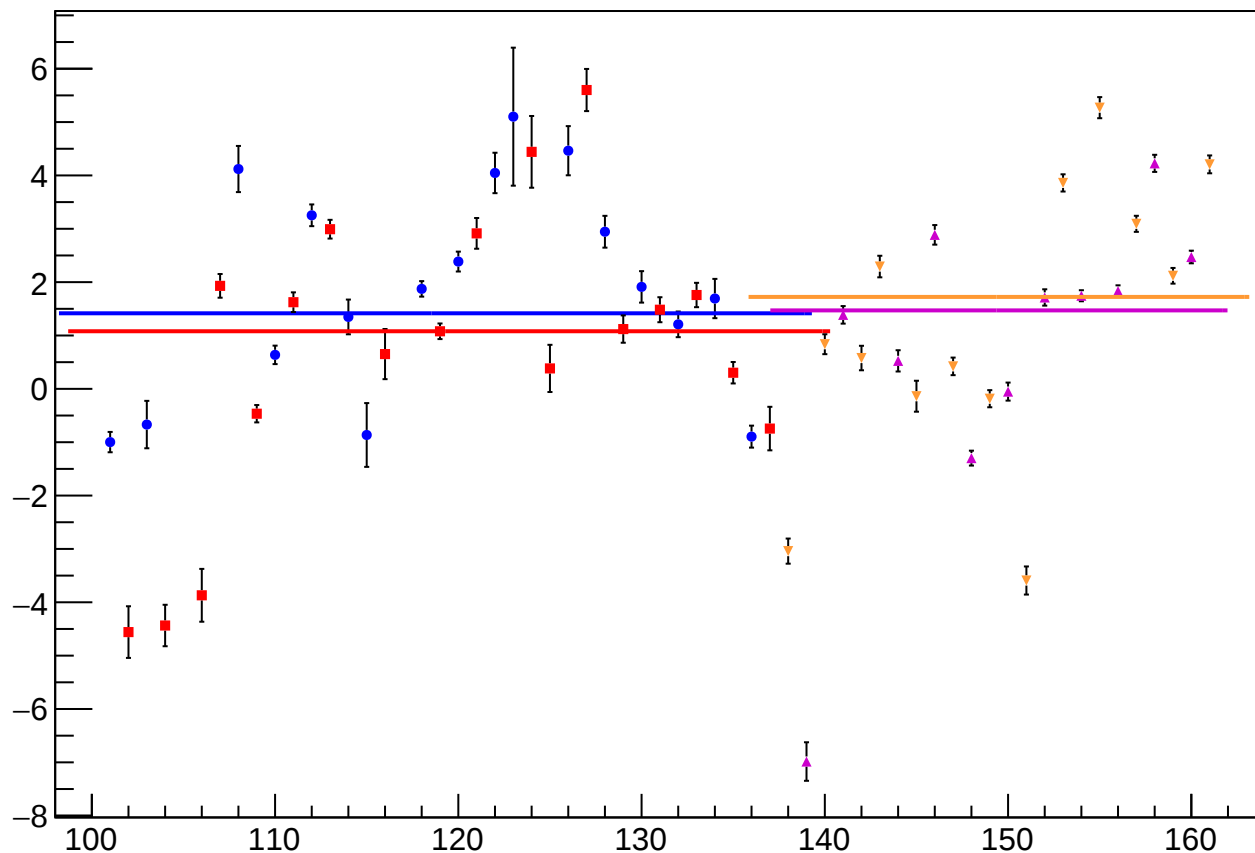
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -18.069 ± 0.063 $\chi^2/\text{NDF}: 36787.7/10$

Out: -24.061 ± 0.072 $\chi^2/\text{NDF}: 52142.7/12$

All: -20.693 ± 0.048 $\chi^2/\text{NDF}: 92832.2/23$

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.723 $\pm$ 0.051 χ^2 /NDF:1924.9/12

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 1.470 $\pm$ 0.044 χ^2 /NDF:1491.7/10

Left: 1.578 $\pm$ 0.033 χ^2 /NDF: 3430.6/23

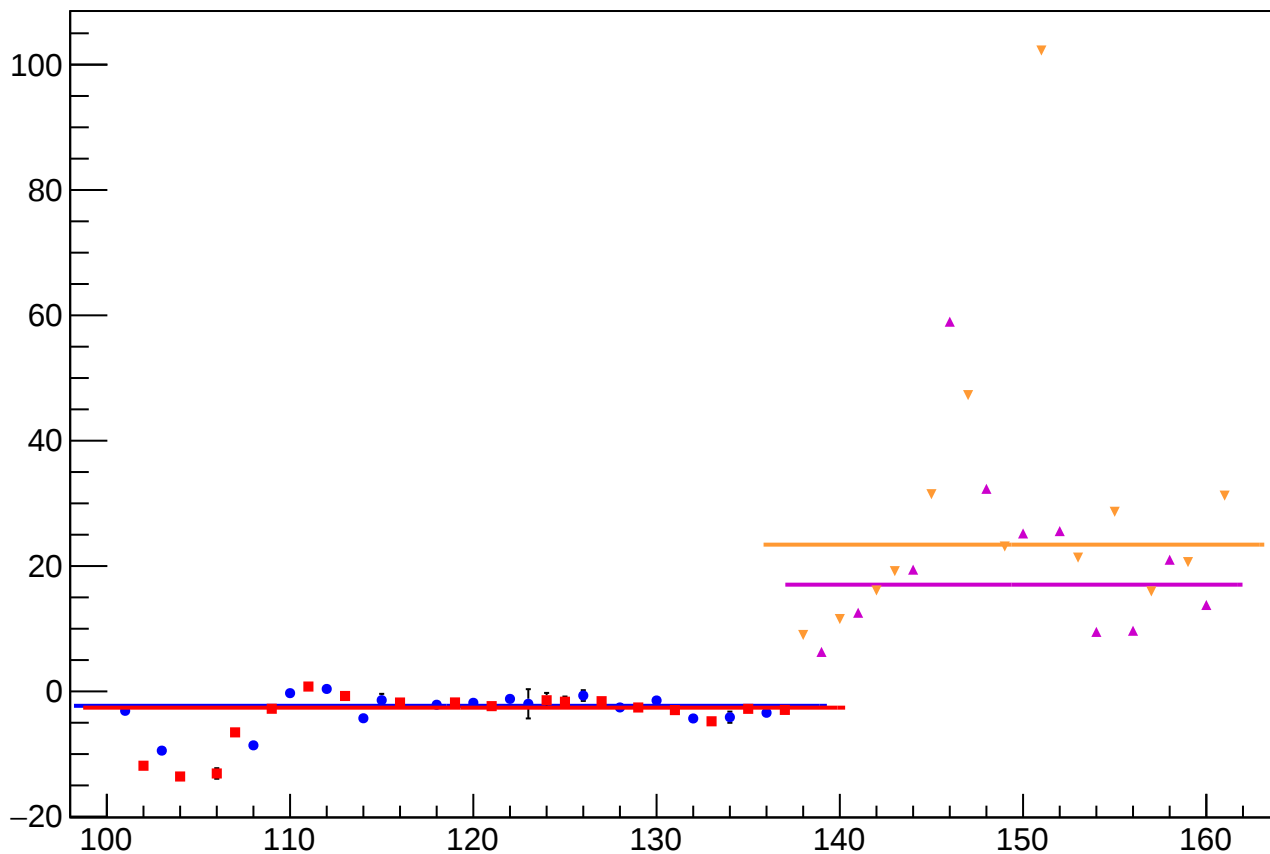
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.452 $\pm$ 0.036 χ^2 /NDF:2123.4/27

Out: 1.443 $\pm$ 0.038 χ^2 /NDF:2910.1/30

All: 1.448 $\pm$ 0.026 χ^2 /NDF: 5033.5/58

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 23.415 ± 0.070 χ^2/NDF : 46903.8/12

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.029 ± 0.061 χ^2/NDF : 34730.1/10

Left: 19.762 ± 0.046 χ^2/NDF : 86348.0/23

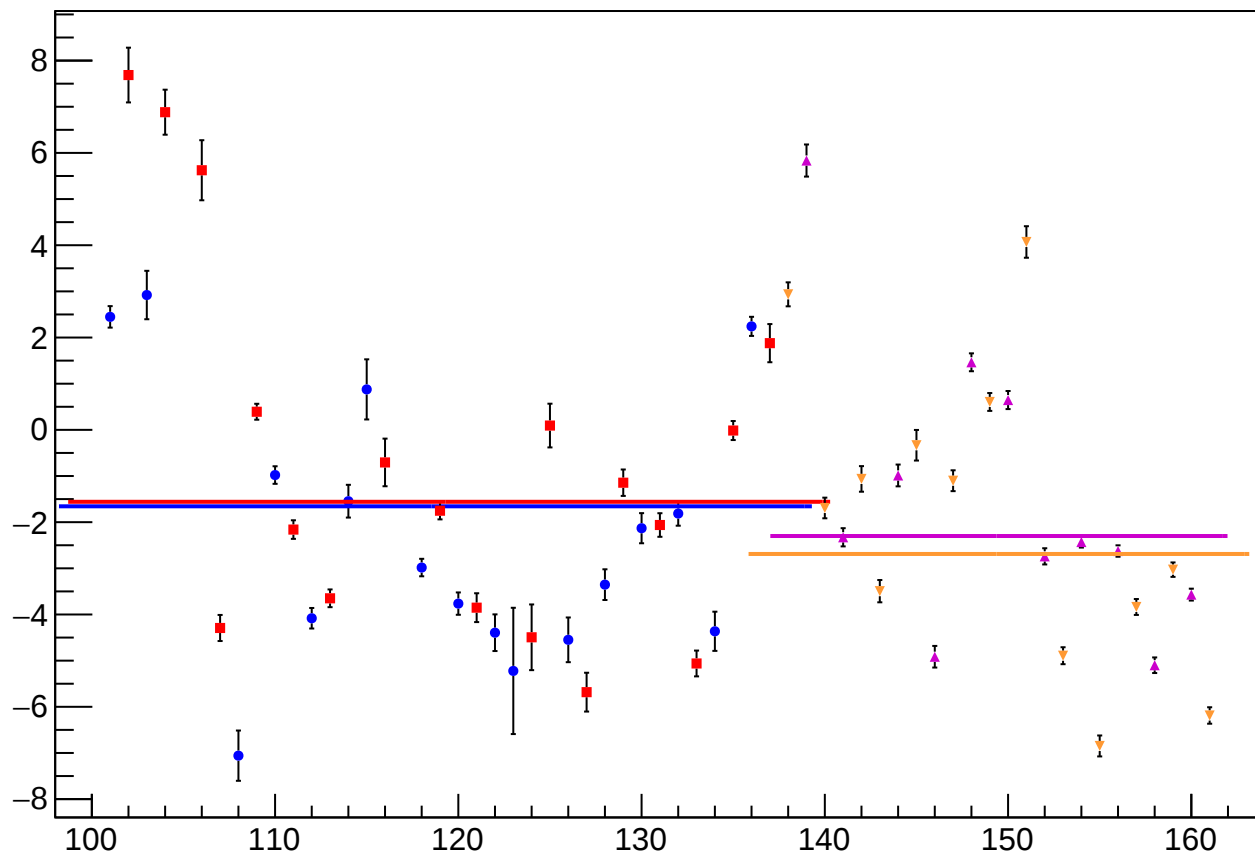
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 12.554 ± 0.053 χ^2/NDF : 58540.0/27

Out: 14.721 ± 0.057 χ^2/NDF : 93491.2/30

All: 13.558 ± 0.039 χ^2/NDF : 152795.7/58

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: -2.689 ± 0.059 χ^2/NDF : 2230.7/12

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.300 ± 0.051 χ^2/NDF : 1691.9/10

Left: -2.465 ± 0.039 χ^2/NDF : 3947.3/23

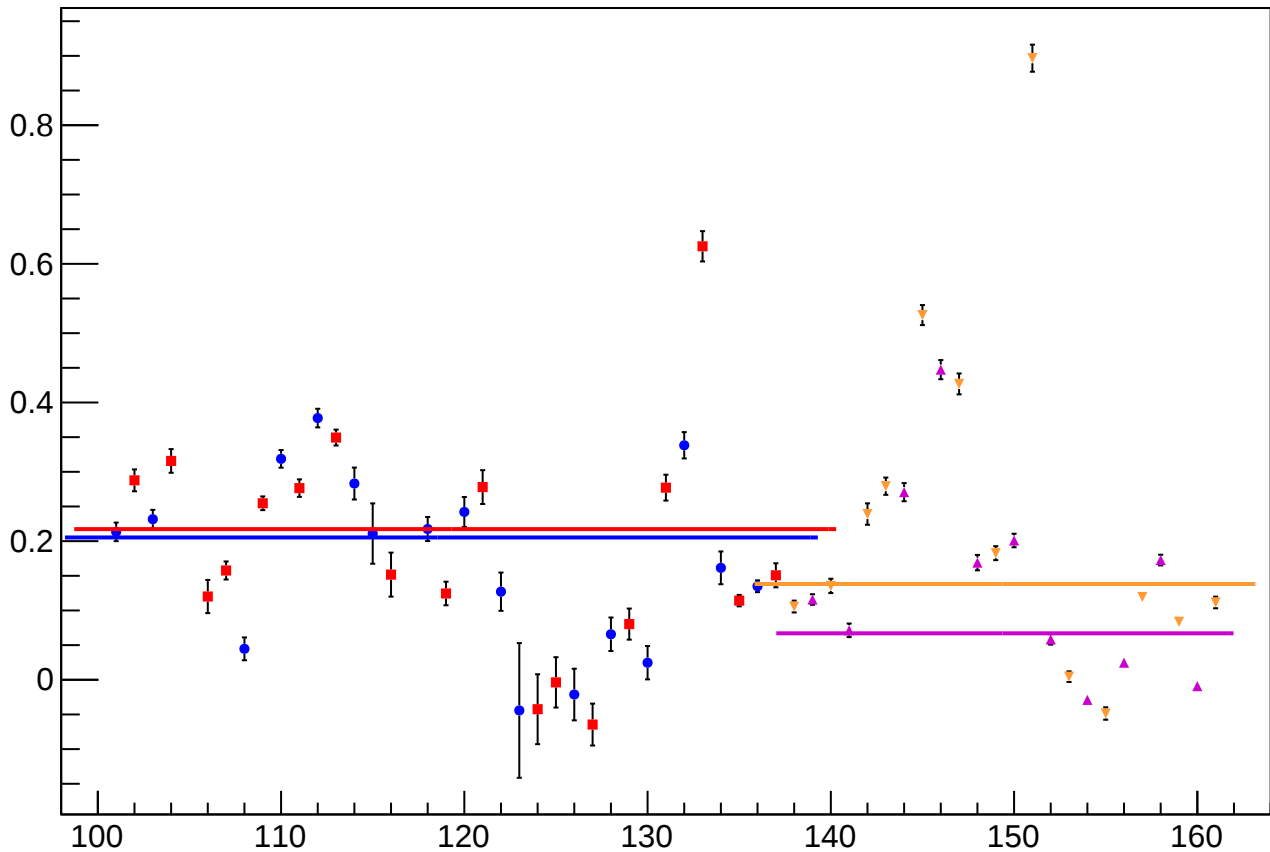
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.079 ± 0.041 χ^2/NDF : 3017.8/27

Out: -2.181 ± 0.044 χ^2/NDF : 3878.5/30

All: -2.127 ± 0.030 χ^2/NDF : 6899.2/58

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.138 ± 0.003 χ^2/NDF : 3611.9/12

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.067 ± 0.002 χ^2/NDF : 2119.0/10

Left: 0.096 ± 0.002 χ^2/NDF : 6153.3/23

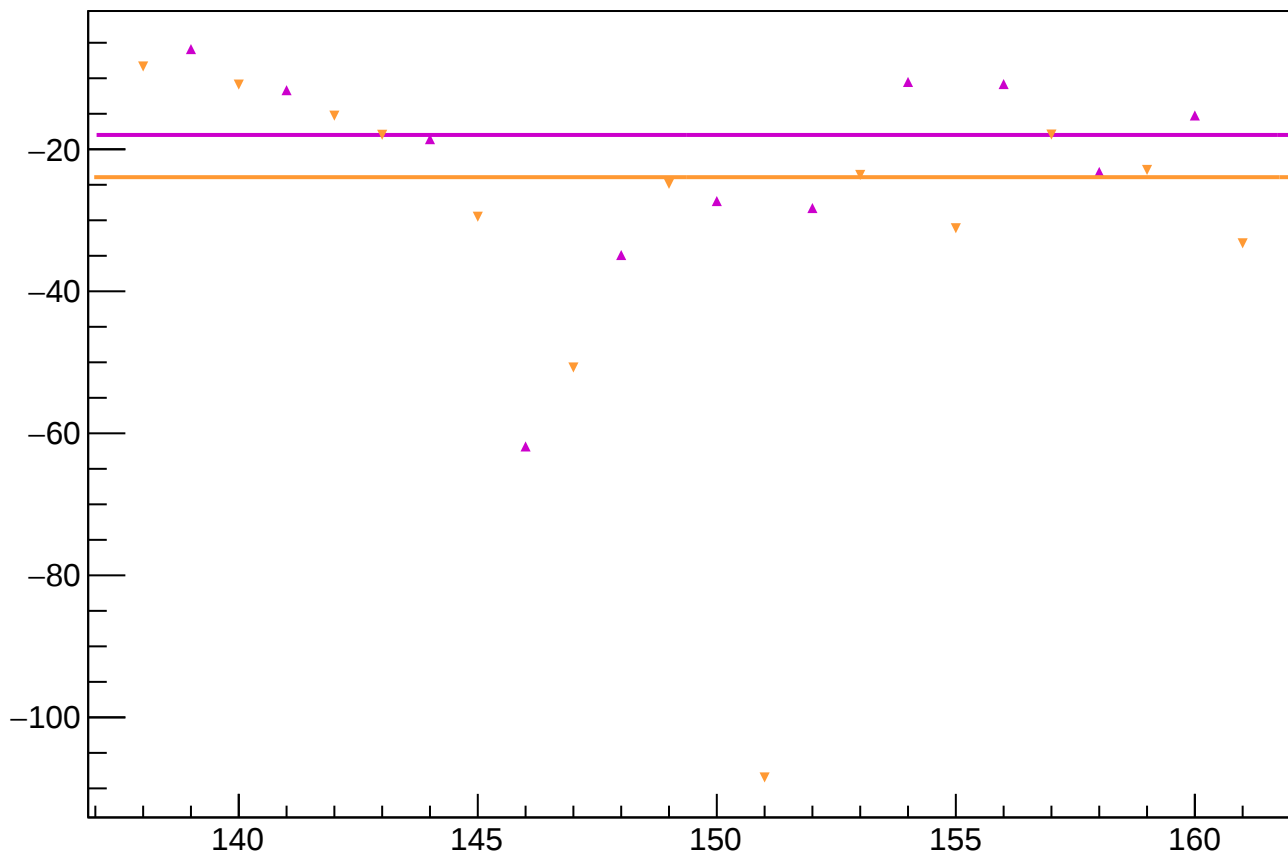
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.098 ± 0.002 χ^2/NDF : 3607.4/27

Out: 0.165 ± 0.002 χ^2/NDF : 4932.1/30

All: 0.128 ± 0.001 χ^2/NDF : 9073.1/58

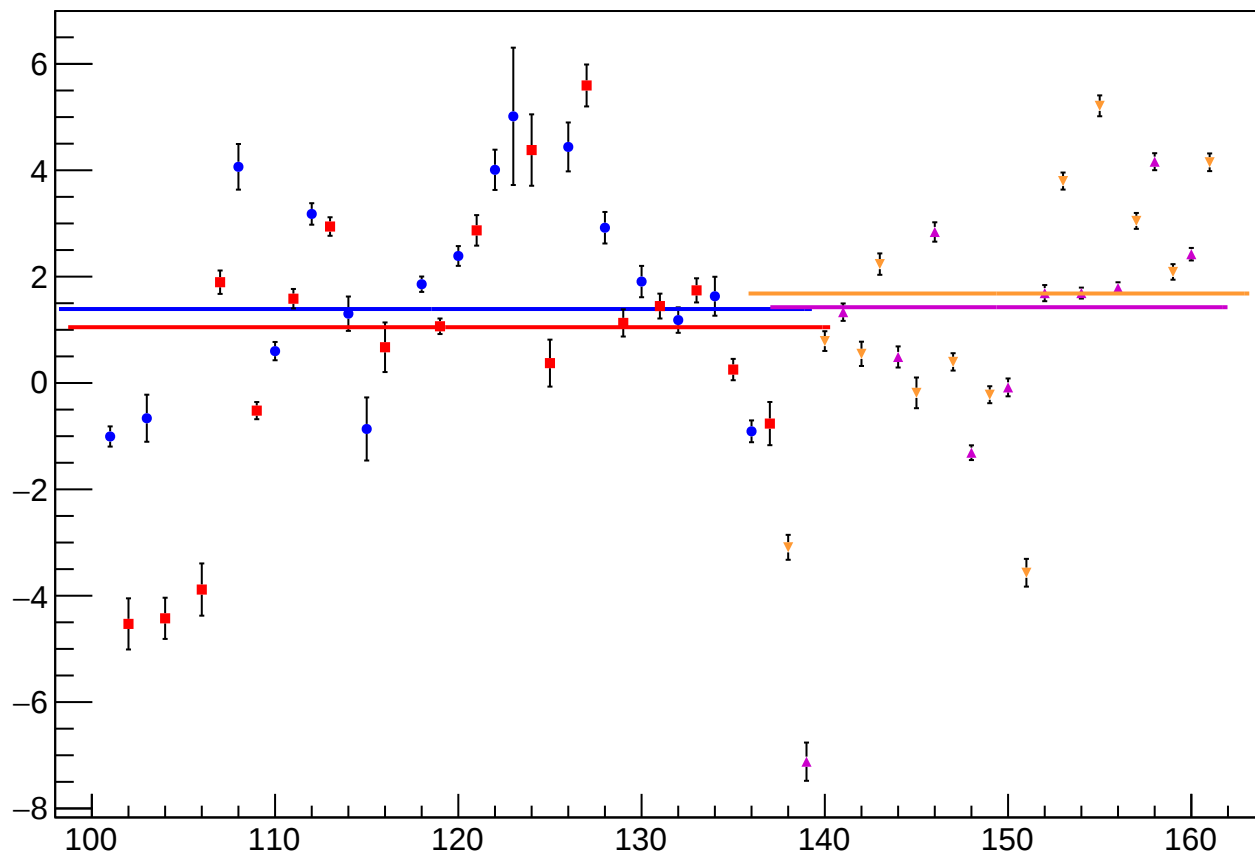
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.929+/-0.071 χ^2/NDF : 51997.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.982+/-0.063 χ^2/NDF : 36723.4/10

Left: -20.586+/-0.047 χ^2/NDF : 92612.3/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.982+/-0.063 χ^2/NDF : 36723.4/10
 Out: -23.929+/-0.071 χ^2/NDF : 51997.8/12
 All: -20.586+/-0.047 χ^2/NDF : 92612.3/23

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: 1.683 $\pm$ 0.051 χ^2 /NDF:1930.5/12

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 1.425 $\pm$ 0.044 χ^2 /NDF:1503.9/10

Left: 1.535 $\pm$ 0.033 χ^2 /NDF: 3449.2/23

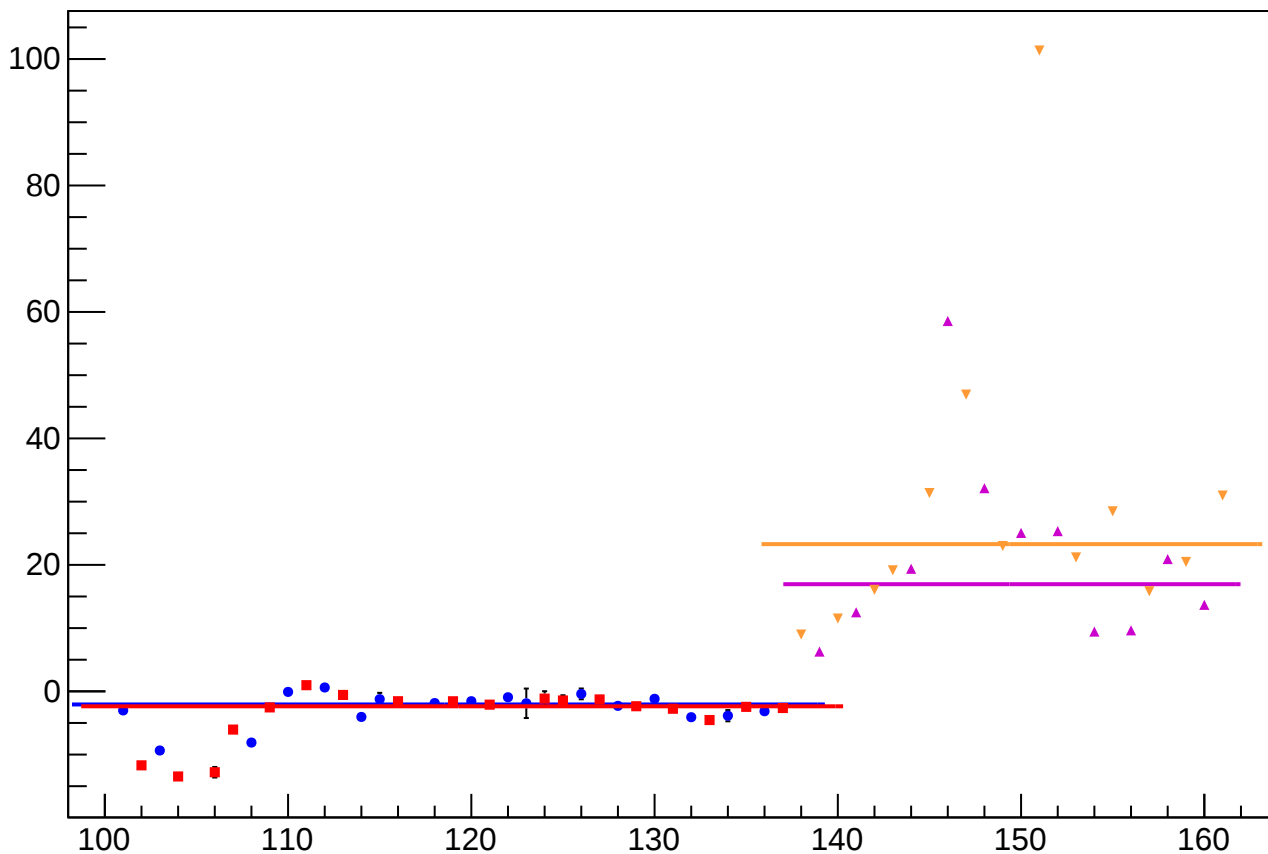
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.413 $\pm$ 0.036 χ^2 /NDF:2133.3/27

Out: 1.407 $\pm$ 0.038 χ^2 /NDF:2917.9/30

All: 1.411 $\pm$ 0.026 χ^2 /NDF: 5051.2/58

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: 23.280 ± 0.070 χ^2/NDF : 46798.0/12

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 16.945 ± 0.060 χ^2/NDF : 34679.0/10

Left: 19.657 ± 0.046 χ^2/NDF : 86174.6/23

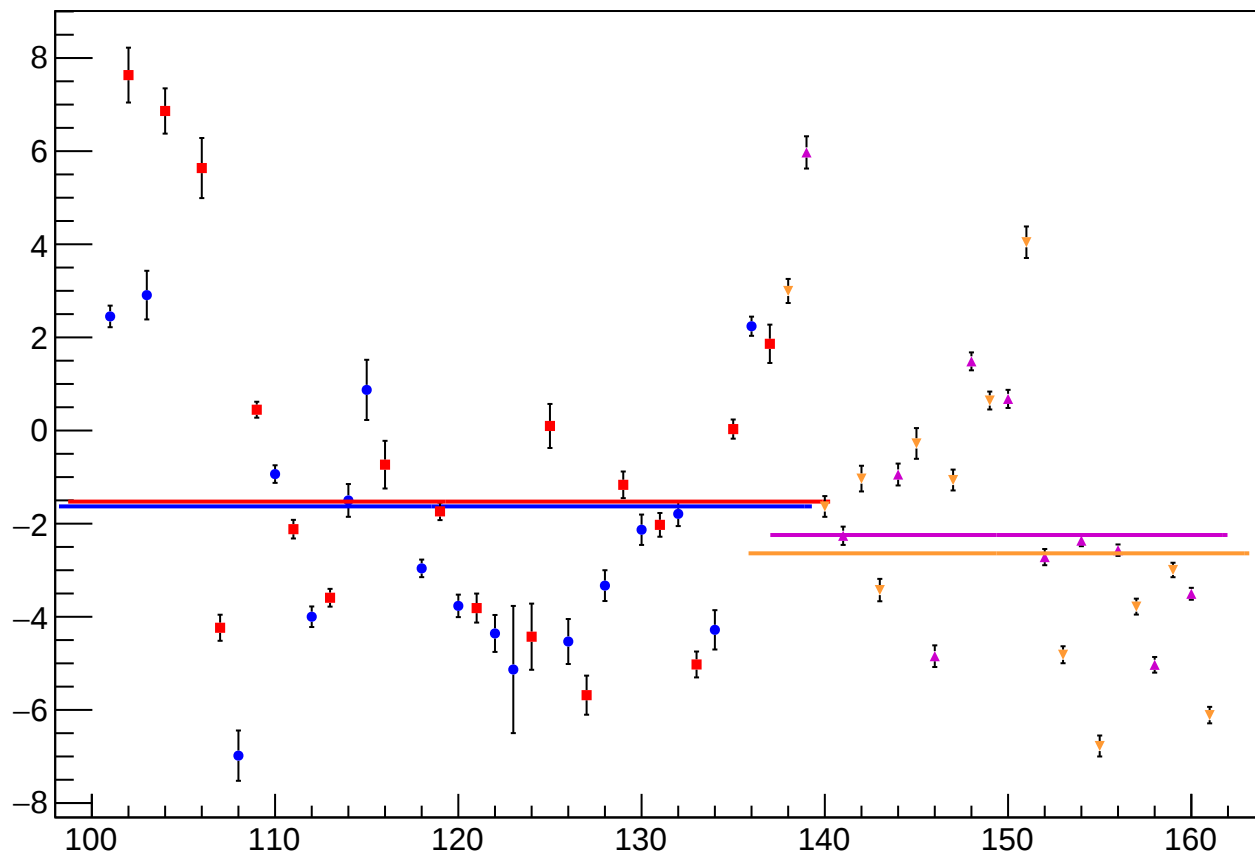
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 12.549 ± 0.053 χ^2/NDF : 57990.7/27

Out: 14.719 ± 0.057 χ^2/NDF : 92630.8/30

All: 13.554 ± 0.039 χ^2/NDF : 151398.0/58

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.637 ± 0.059 χ^2/NDF : 2237.6/12

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.244 ± 0.051 χ^2/NDF : 1707.7/10

Left: -2.411 ± 0.038 χ^2/NDF : 3971.1/23

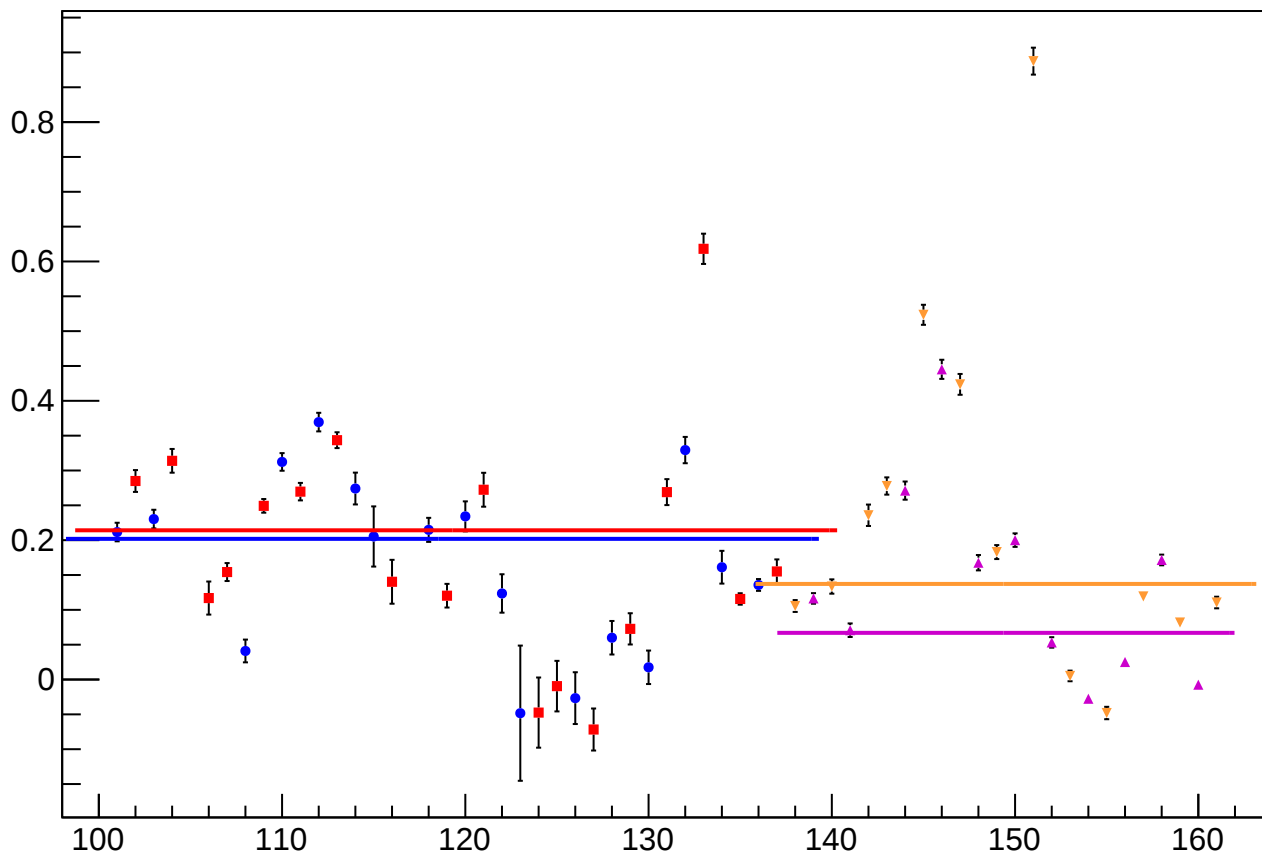
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.033 ± 0.041 χ^2/NDF : 3024.6/27

Out: -2.139 ± 0.044 χ^2/NDF : 3885.1/30

All: -2.083 ± 0.030 χ^2/NDF : 6912.8/58

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: 0.137 $\pm$ 0.003 χ^2 /NDF:3605.7/12

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.067 $\pm$ 0.002 χ^2 /NDF:2112.4/10

Left: 0.096 $\pm$ 0.002 χ^2 /NDF: 6134.7/23

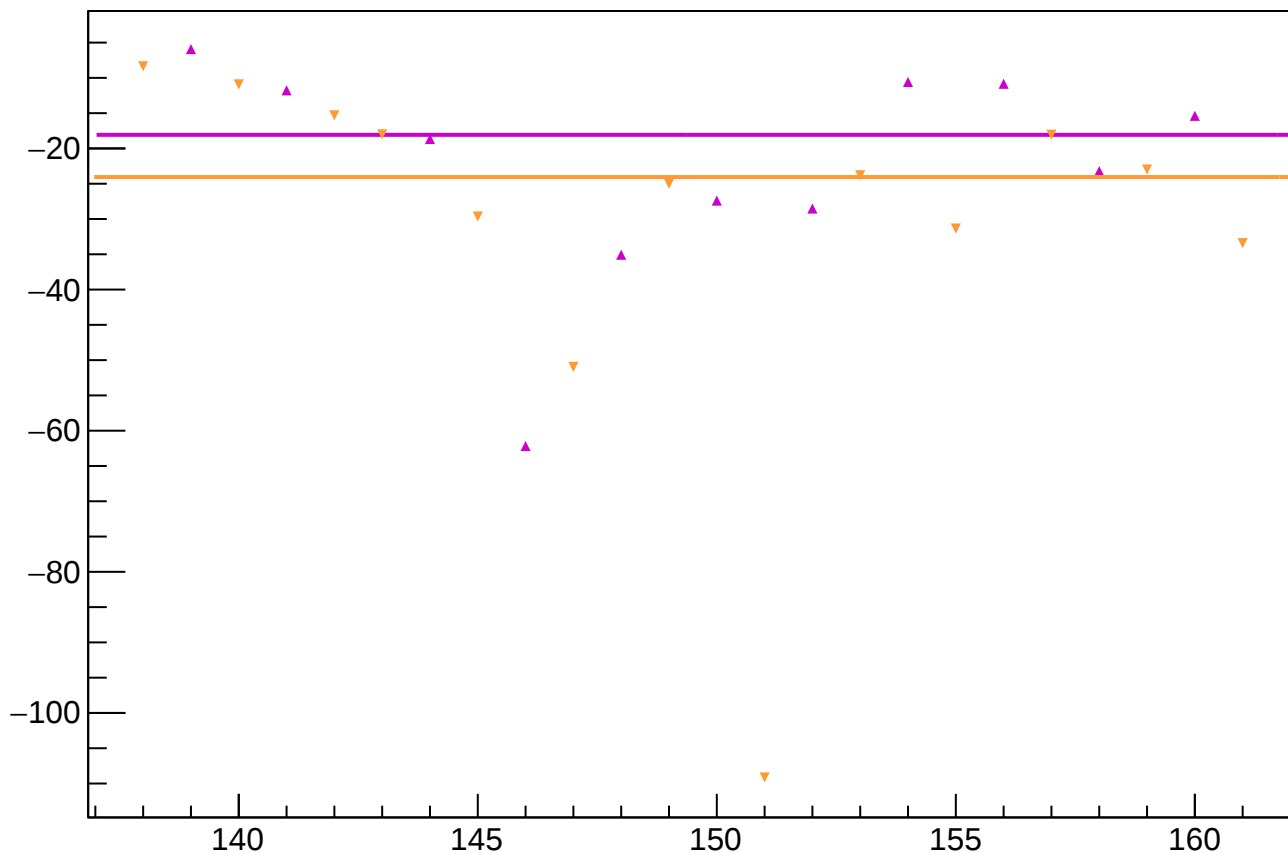
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.097 $\pm$ 0.002 χ^2 /NDF:3551.6/27

Out: 0.163 $\pm$ 0.002 χ^2 /NDF:4894.7/30

All: 0.127 $\pm$ 0.001 χ^2 /NDF: 8971.2/58

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: -24.054+/-0.072 χ^2/NDF :52120.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.072+/-0.063 χ^2/NDF :36790.9/10

Left: -20.690+/-0.047 χ^2/NDF : 92816.4/23

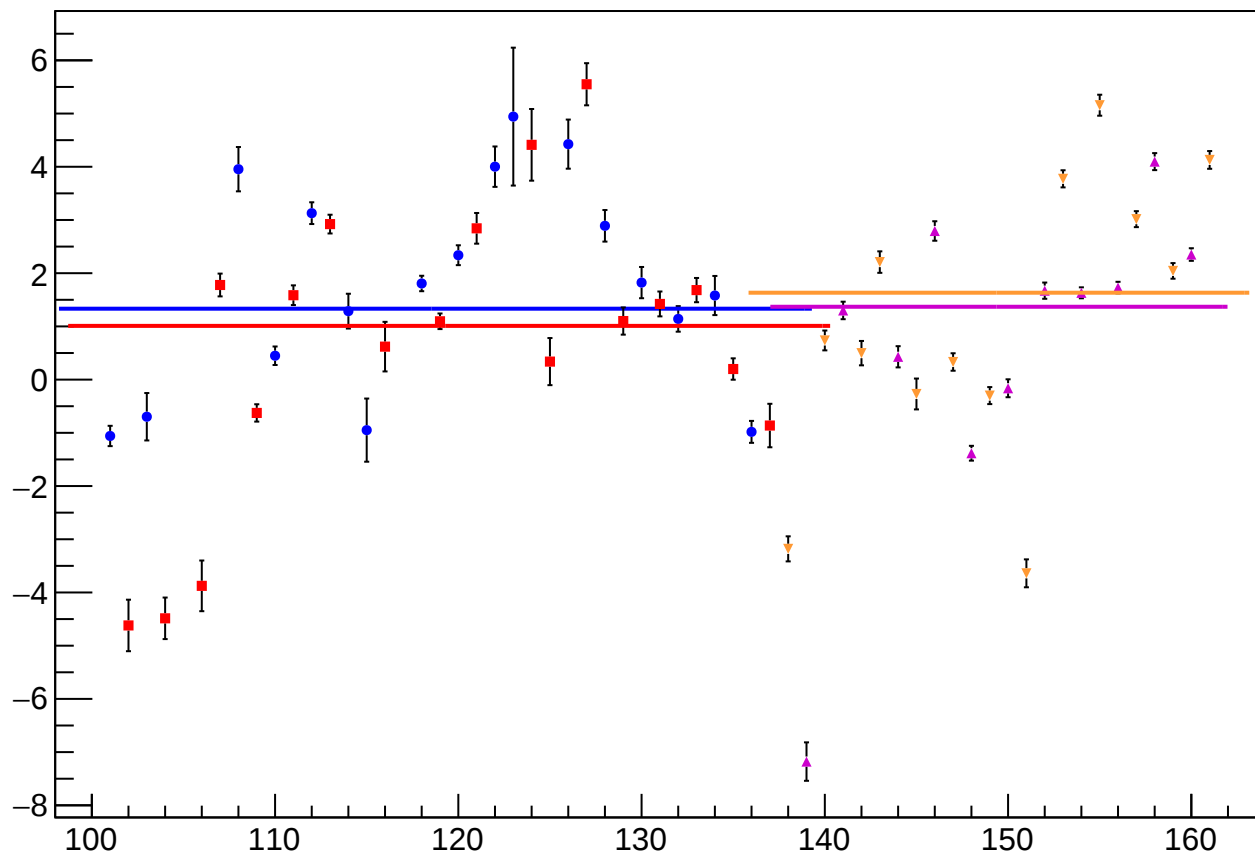
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.072+/-0.063 χ^2/NDF :36790.9/10

Out: -24.054+/-0.072 χ^2/NDF :52120.2/12

All: -20.690+/-0.047 χ^2/NDF : 92816.4/23

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.633 $\pm$ 0.051 χ^2 /NDF:1942.2/12

Right Out: 1.010 $\pm$ 0.058 χ^2 /NDF: 930.3/17

Left In: 1.369 $\pm$ 0.044 χ^2 /NDF:1497.8/10

Left: 1.482 $\pm$ 0.033 χ^2 /NDF: 3455.4/23

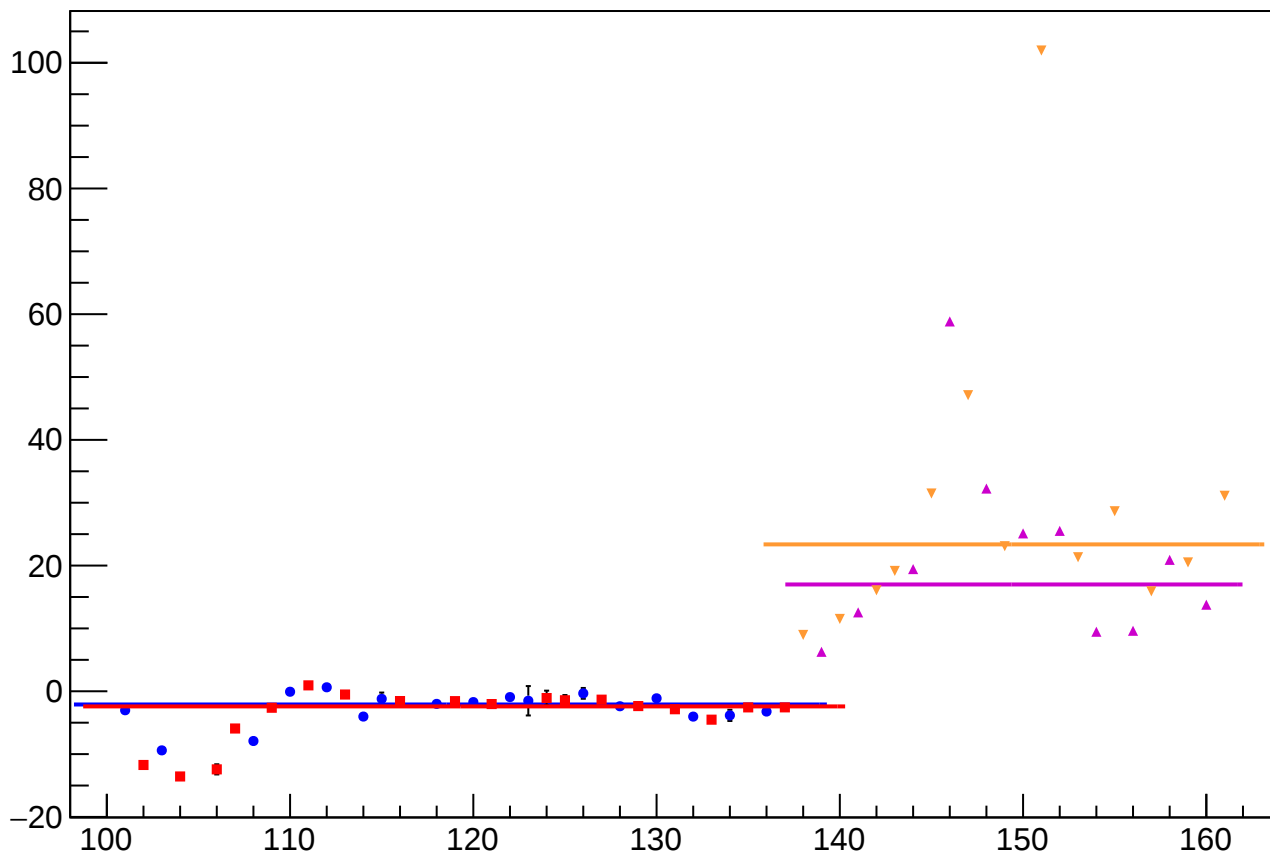
Right: 1.163 $\pm$ 0.042 χ^2 /NDF: 1579.5/34

In: 1.357 $\pm$ 0.036 χ^2 /NDF:2132.6/27

Out: 1.362 $\pm$ 0.038 χ^2 /NDF:2937.6/30

All: 1.359 $\pm$ 0.026 χ^2 /NDF: 5070.1/58

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: 23.370 ± 0.070 χ^2/NDF : 46903.8/12

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 16.994 ± 0.061 χ^2/NDF : 34753.4/10

Left: 19.722 ± 0.046 χ^2/NDF : 86377.9/23

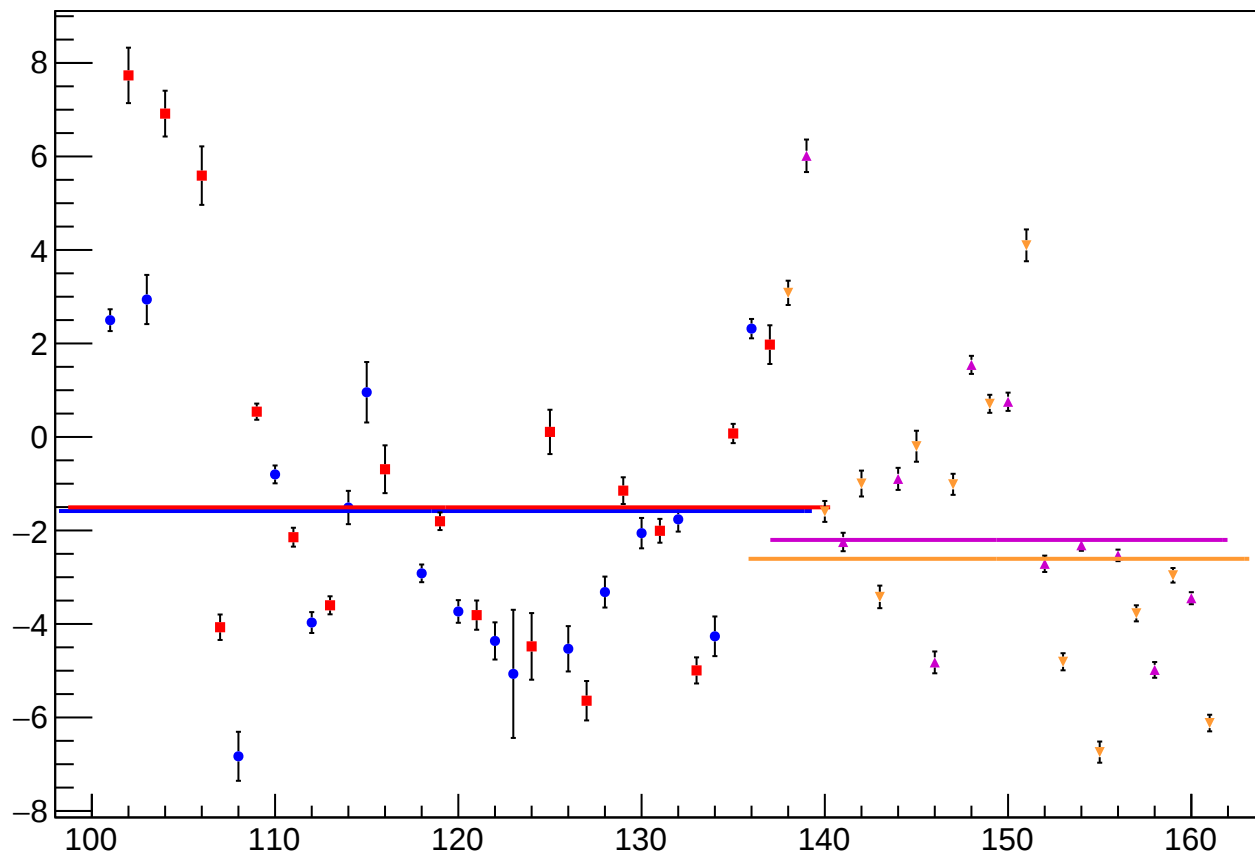
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 12.590 ± 0.053 χ^2/NDF : 58020.6/27

Out: 14.771 ± 0.057 χ^2/NDF : 92773.7/30

All: 13.601 ± 0.039 χ^2/NDF : 151572.0/58

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.606 ± 0.059 χ^2/NDF : 2253.4/12

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.202 ± 0.051 χ^2/NDF : 1702.0/10

Left: -2.374 ± 0.039 χ^2/NDF : 3982.2/23

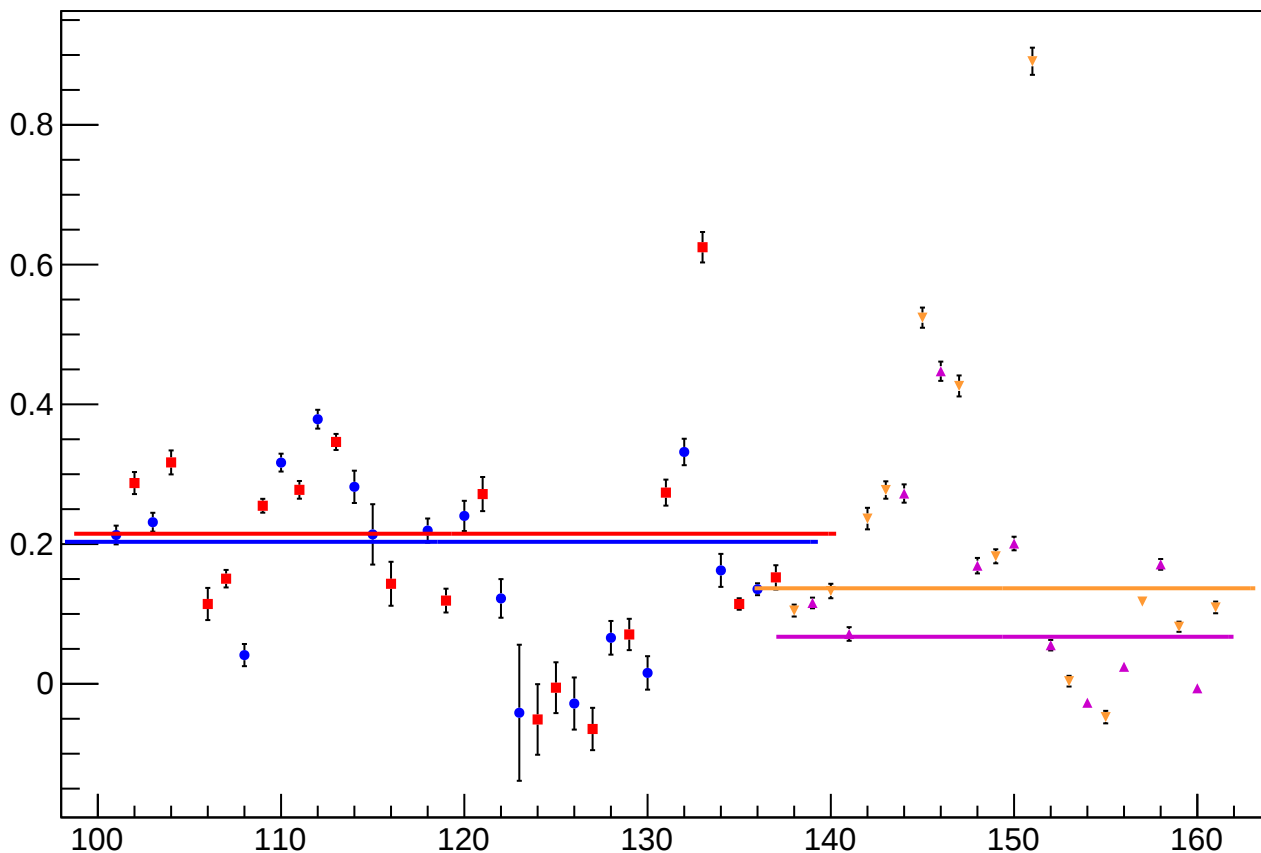
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.991 ± 0.041 χ^2/NDF : 3024.8/27

Out: -2.113 ± 0.044 χ^2/NDF : 3908.4/30

All: -2.048 ± 0.030 χ^2/NDF : 6937.2/58

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.137 ± 0.003 χ^2/NDF : 3600.0/12

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.067 ± 0.002 χ^2/NDF : 2103.3/10

Left: 0.096 ± 0.002 χ^2/NDF : 6106.8/23

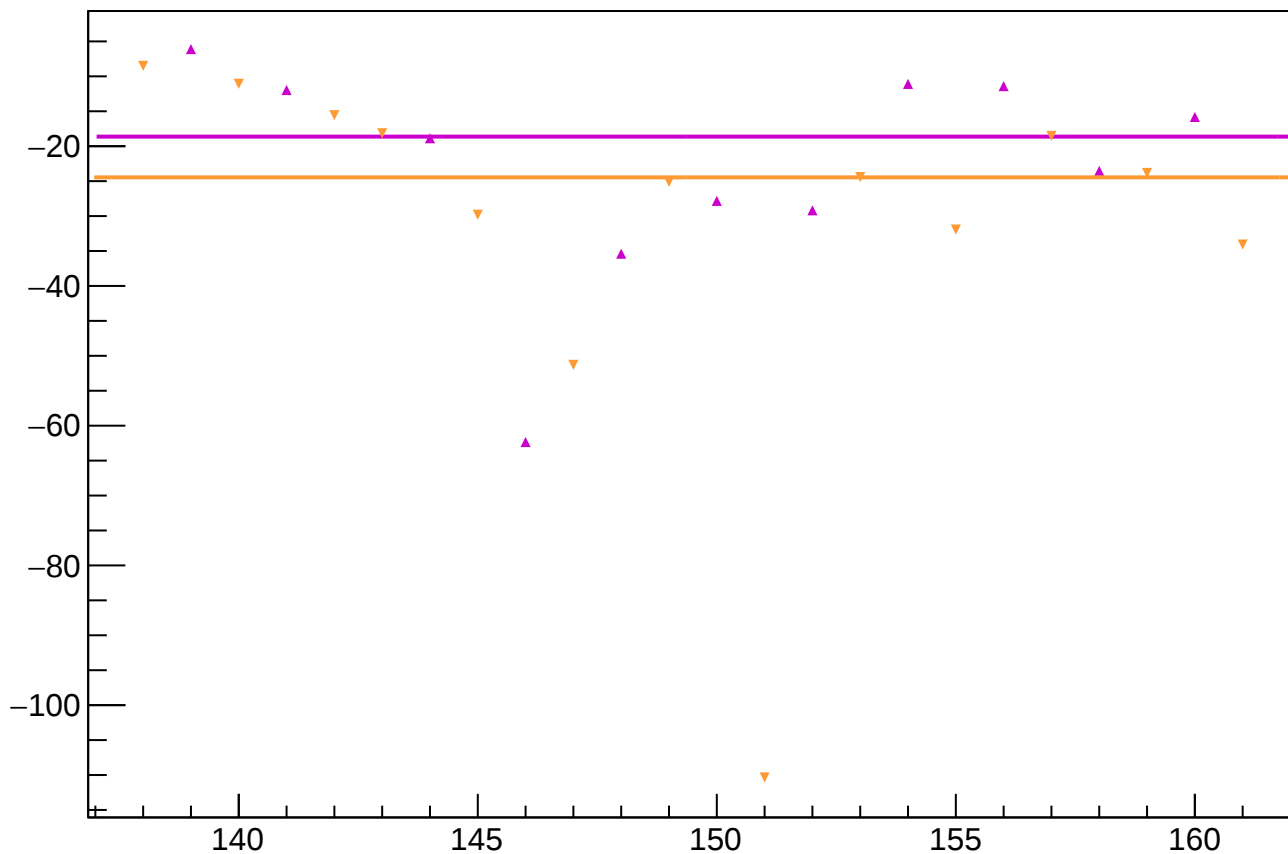
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.098 ± 0.002 χ^2/NDF : 3576.8/27

Out: 0.163 ± 0.002 χ^2/NDF : 4926.9/30

All: 0.127 ± 0.001 χ^2/NDF : 9015.9/58

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: -24.458+/-0.073 χ^2/NDF :51997.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.628+/-0.065 χ^2/NDF :35753.4/10

Left: -21.203+/-0.048 χ^2/NDF : 91316.8/23

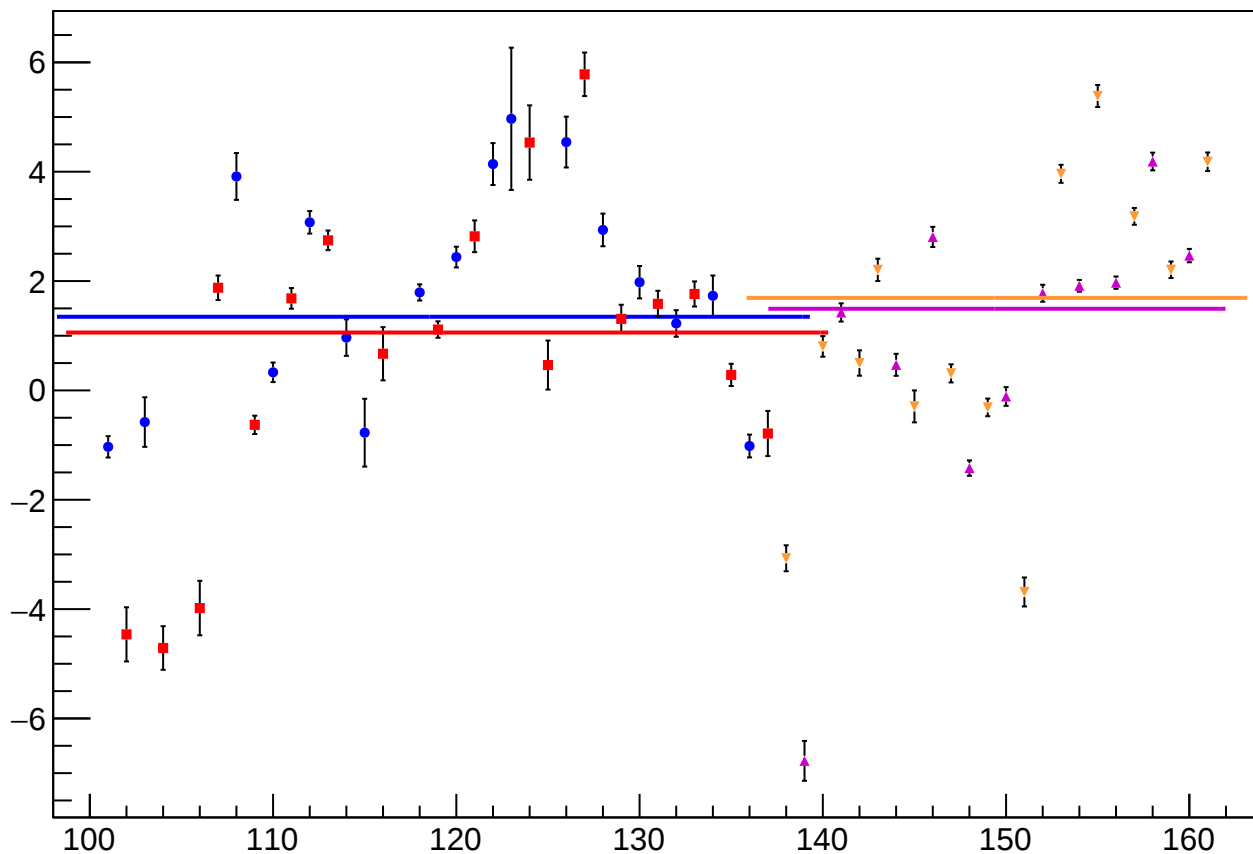
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.628+/-0.065 χ^2/NDF :35753.4/10

Out: -24.458+/-0.073 χ^2/NDF :51997.4/12

All: -21.203+/-0.048 χ^2/NDF : 91316.8/23

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.693 ± 0.052 χ^2/NDF : 1986.0/12

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 1.493 ± 0.045 χ^2/NDF : 1484.1/10

Left: 1.579 ± 0.034 χ^2/NDF : 3478.5/23

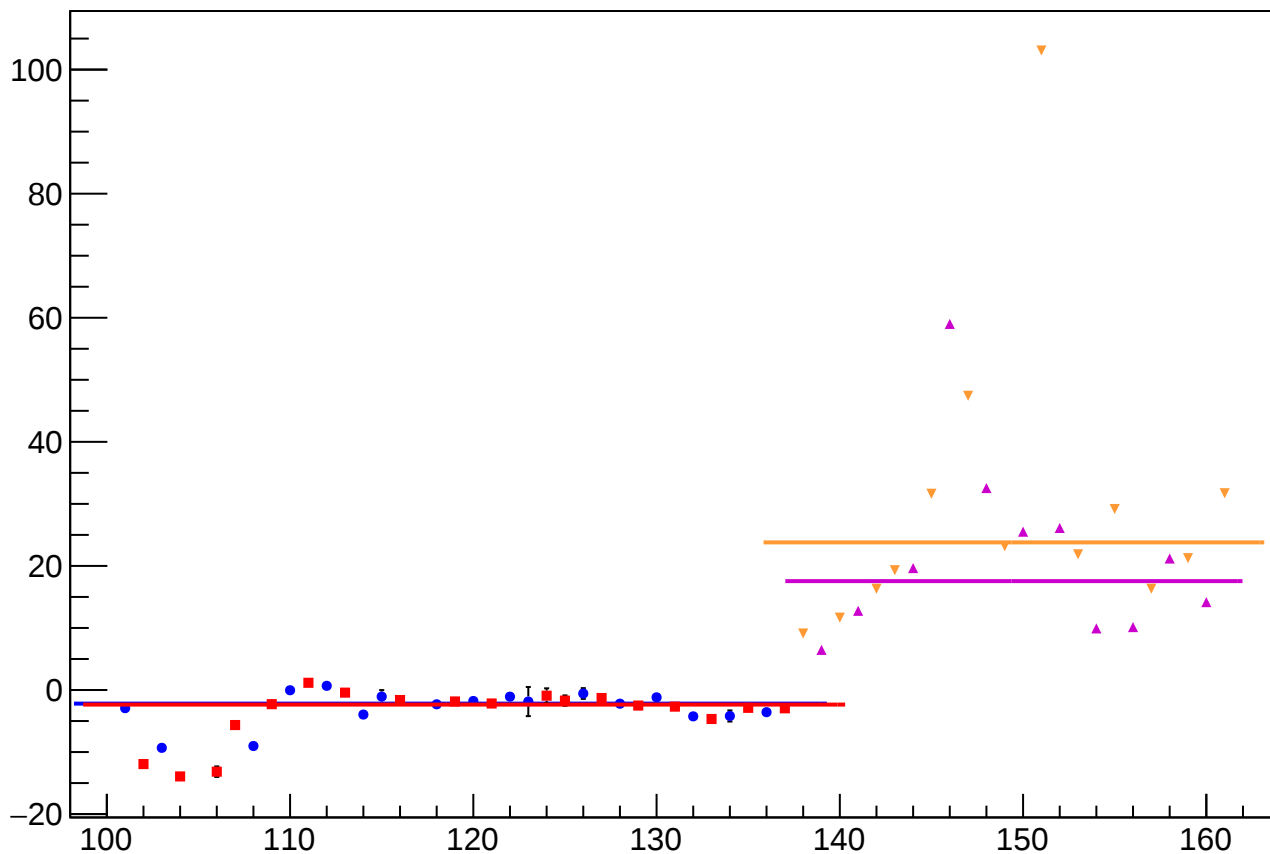
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.443 ± 0.036 χ^2/NDF : 2117.9/27

Out: 1.418 ± 0.039 χ^2/NDF : 2956.0/30

All: 1.431 ± 0.027 χ^2/NDF : 5074.1/58

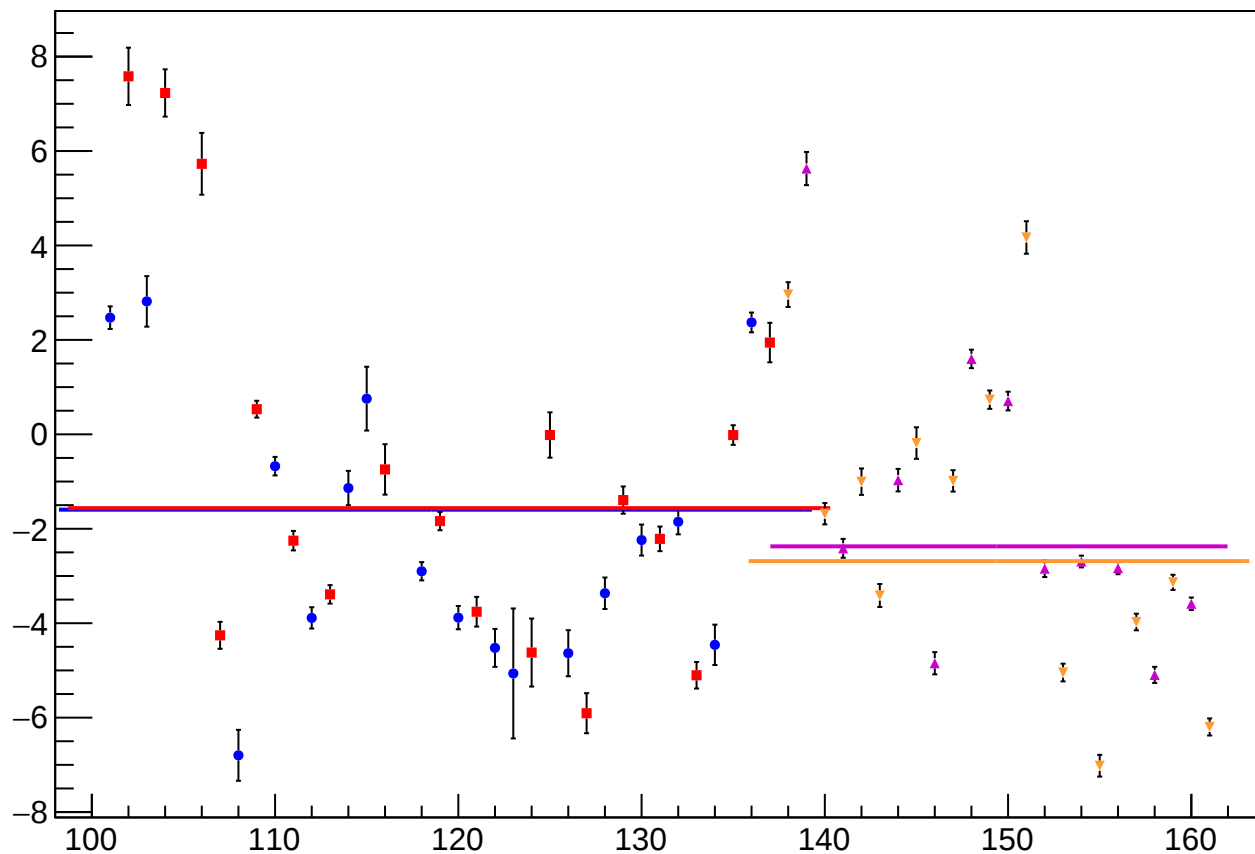
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 23.793 ± 0.071 $\chi^2/\text{NDF}: 46649.0/12$
 Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$
 Left In: 17.550 ± 0.062 $\chi^2/\text{NDF}: 33629.5/10$

Left: 20.246 ± 0.047 $\chi^2/\text{NDF}: 84621.7/23$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$
 In: 12.945 ± 0.055 $\chi^2/\text{NDF}: 57563.4/27$
 Out: 15.121 ± 0.058 $\chi^2/\text{NDF}: 92032.9/30$
 All: 13.959 ± 0.040 $\chi^2/\text{NDF}: 150339.4/58$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.685 ± 0.060 χ^2/NDF : 2297.0/12

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.373 ± 0.052 χ^2/NDF : 1683.5/10

Left: -2.507 ± 0.039 χ^2/NDF : 3995.9/23

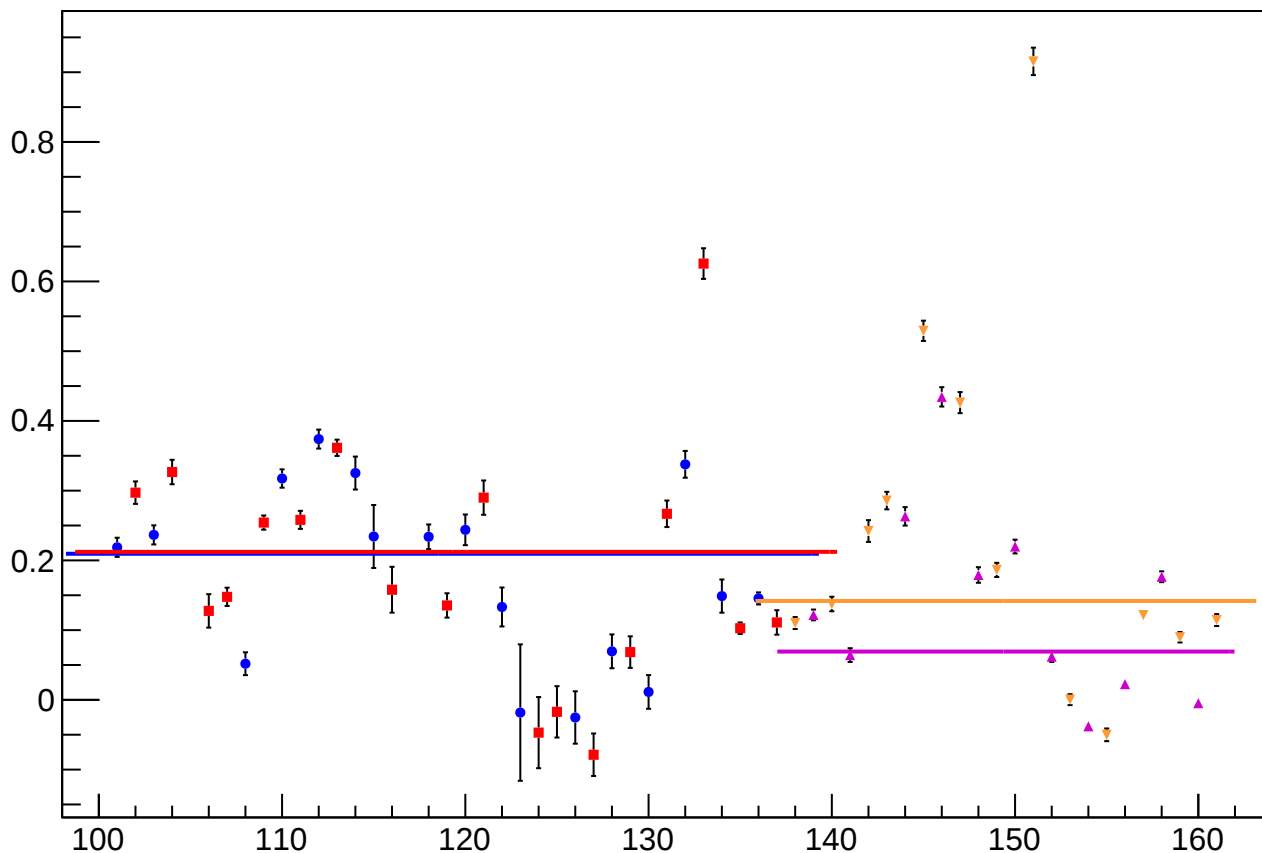
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.104 ± 0.042 χ^2/NDF : 3015.8/27

Out: -2.184 ± 0.045 χ^2/NDF : 3914.1/30

All: -2.142 ± 0.031 χ^2/NDF : 6931.6/58

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.142 $\pm$ 0.003 χ^2 /NDF: 3650.1/12

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF: 2142.8/10

Left: 0.099 $\pm$ 0.002 χ^2 /NDF: 6215.6/23

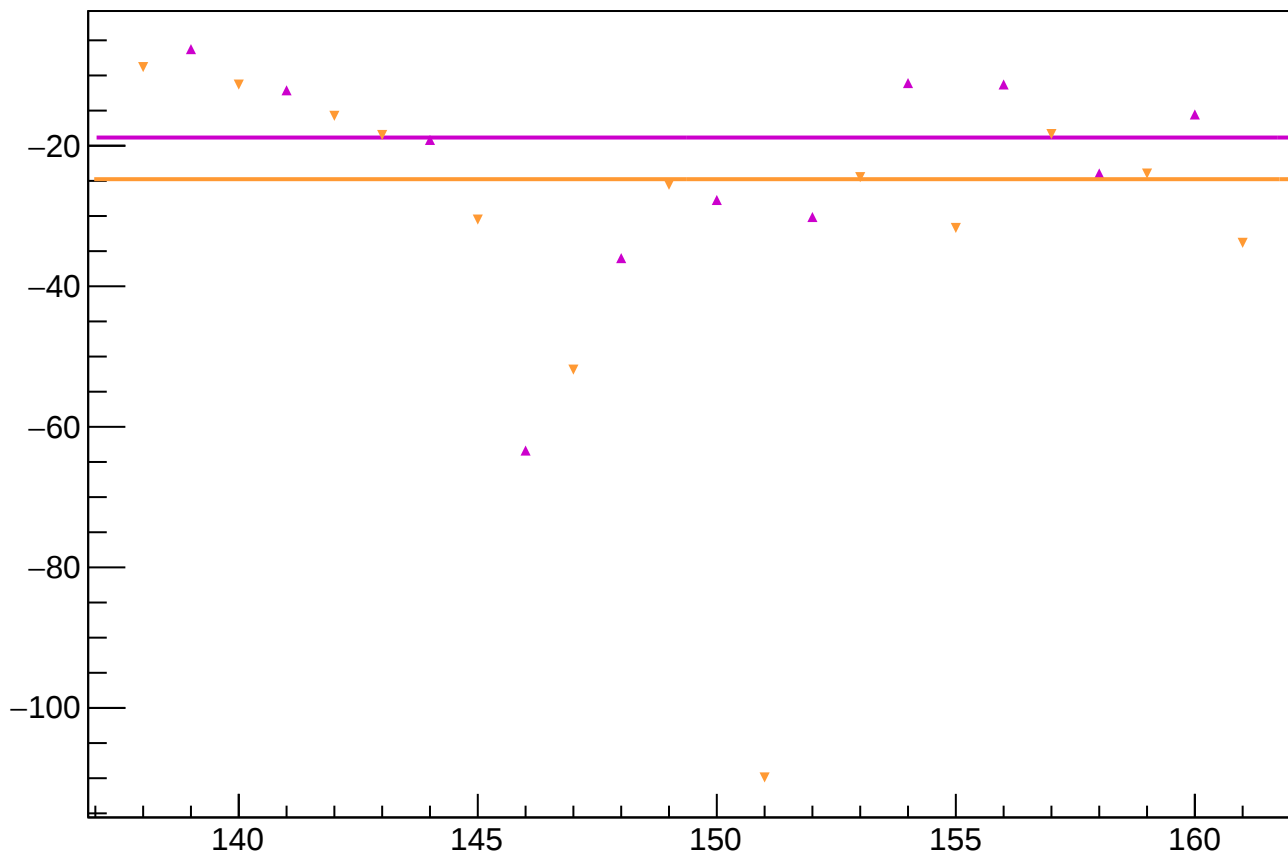
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.101 $\pm$ 0.002 χ^2 /NDF: 3602.0/27

Out: 0.166 $\pm$ 0.002 χ^2 /NDF: 4977.2/30

All: 0.130 $\pm$ 0.001 χ^2 /NDF: 9055.8/58

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: -24.760 ± 0.074 χ^2/NDF : $51088.7/12$

Right Out: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

Left In: -18.833 ± 0.066 χ^2/NDF : $36127.1/10$

Left: -21.465 ± 0.049 χ^2/NDF : $90796.1/23$

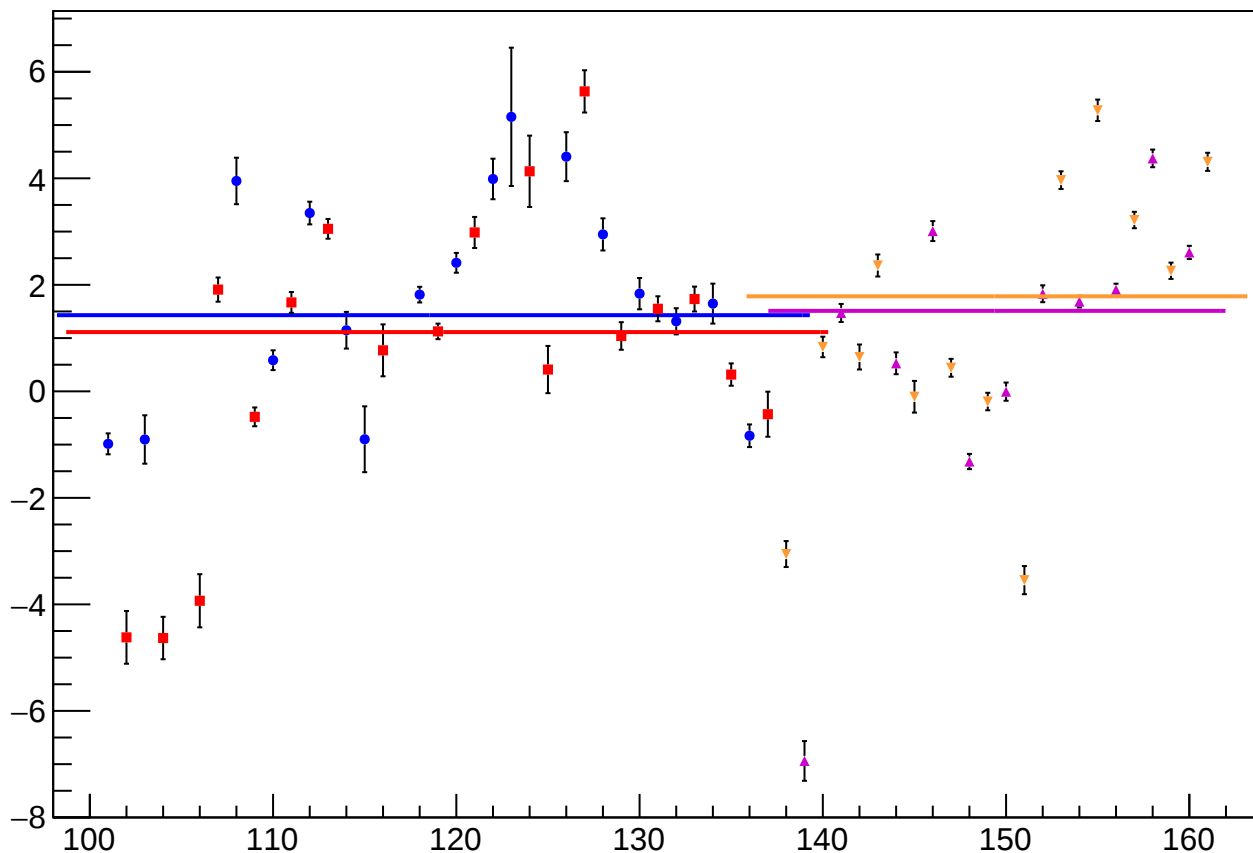
Right: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

In: -18.833 ± 0.066 χ^2/NDF : $36127.1/10$

Out: -24.760 ± 0.074 χ^2/NDF : $51088.7/12$

All: -21.465 ± 0.049 χ^2/NDF : $90796.1/23$

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: 1.784 $\pm$ 0.052 χ^2 /NDF:1896.7/12

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.511 $\pm$ 0.046 χ^2 /NDF:1465.6/10

Left: 1.629 $\pm$ 0.034 χ^2 /NDF: 3377.8/23

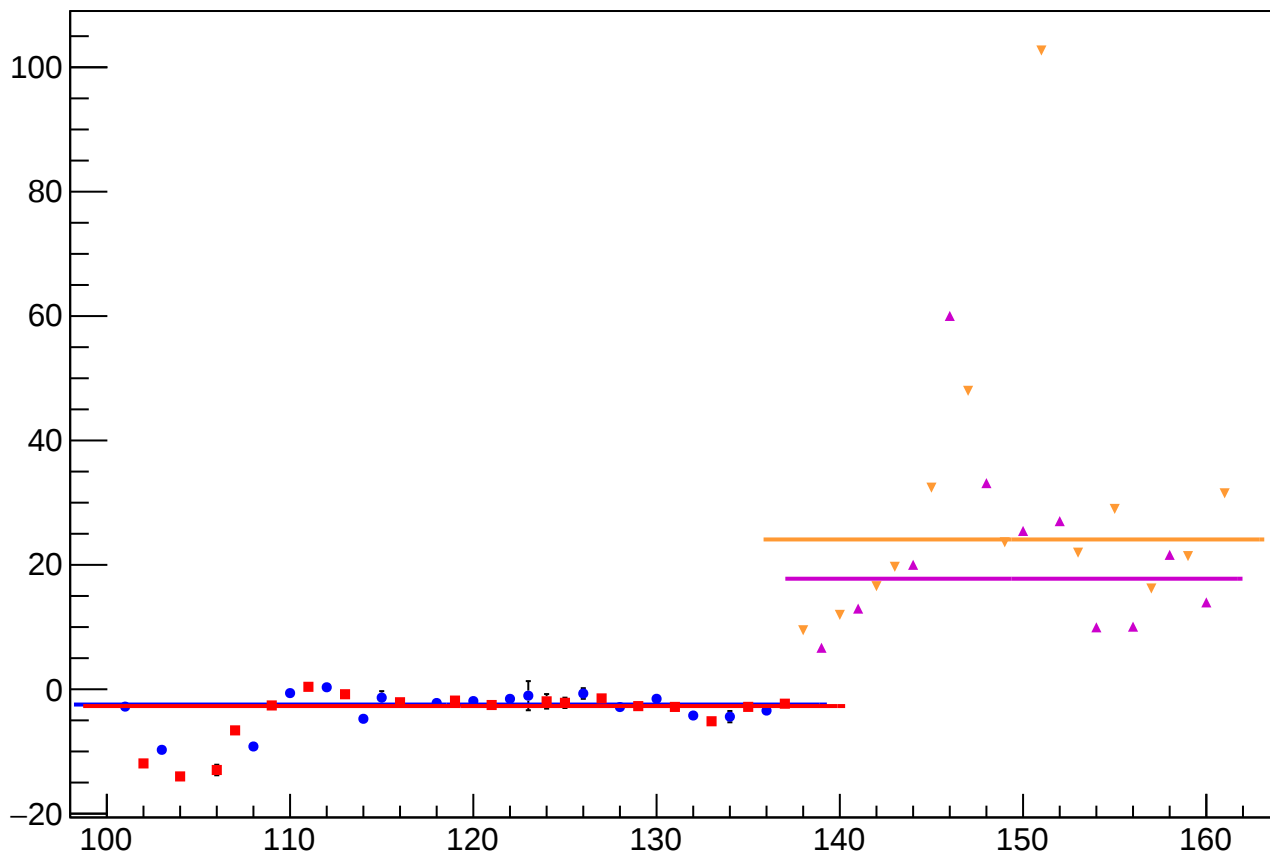
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.483 $\pm$ 0.037 χ^2 /NDF:2064.8/27

Out: 1.494 $\pm$ 0.039 χ^2 /NDF:2855.3/30

All: 1.488 $\pm$ 0.027 χ^2 /NDF: 4920.1/58

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: 24.085 ± 0.072 χ^2/NDF : 45971.7/12

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 17.774 ± 0.063 χ^2/NDF : 34034.9/10

Left: 20.516 ± 0.048 χ^2/NDF : 84324.9/23

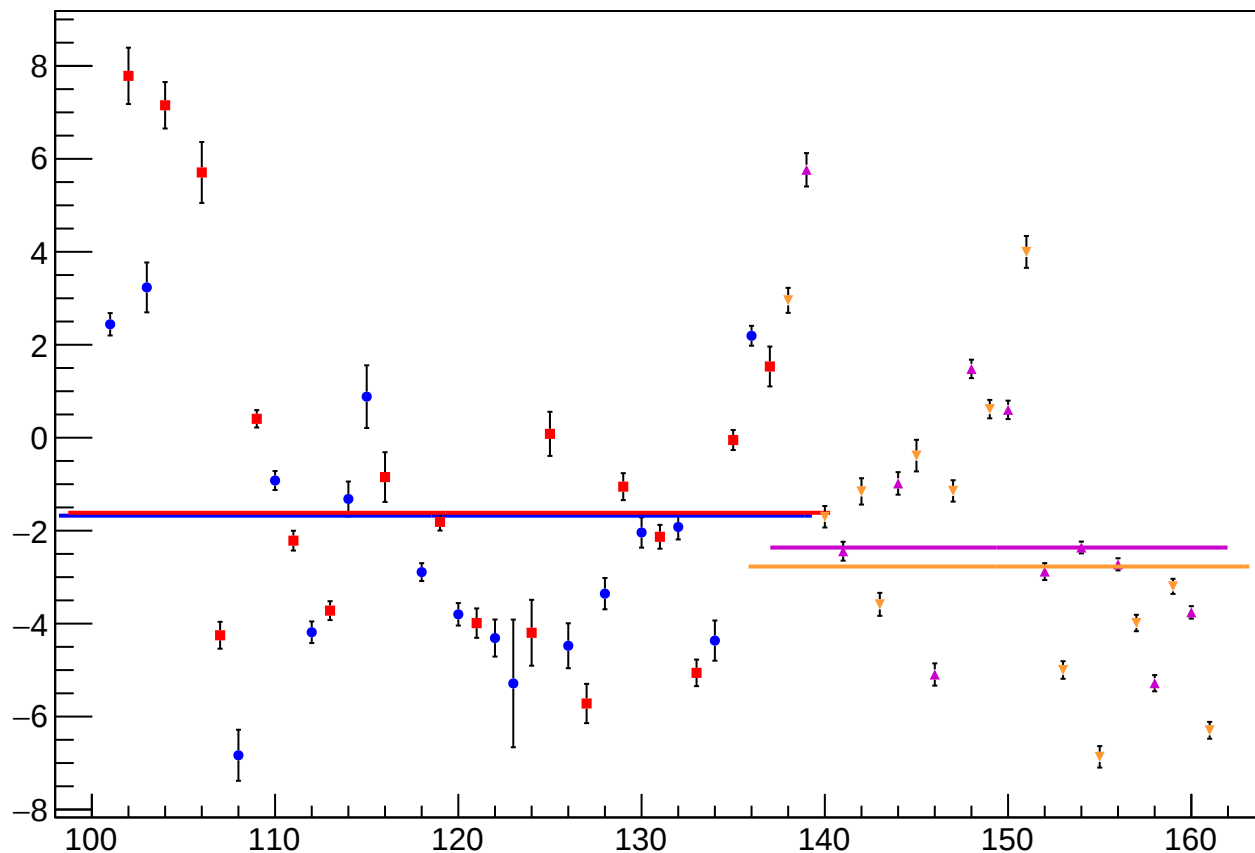
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 13.042 ± 0.055 χ^2/NDF : 58343.3/27

Out: 15.322 ± 0.059 χ^2/NDF : 91807.5/30

All: 14.106 ± 0.040 χ^2/NDF : 150941.1/58

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.772 ± 0.061 χ^2/NDF : 2187.1/12

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -2.363 ± 0.053 χ^2/NDF : 1675.7/10

Left: -2.539 ± 0.040 χ^2/NDF : 3888.5/23

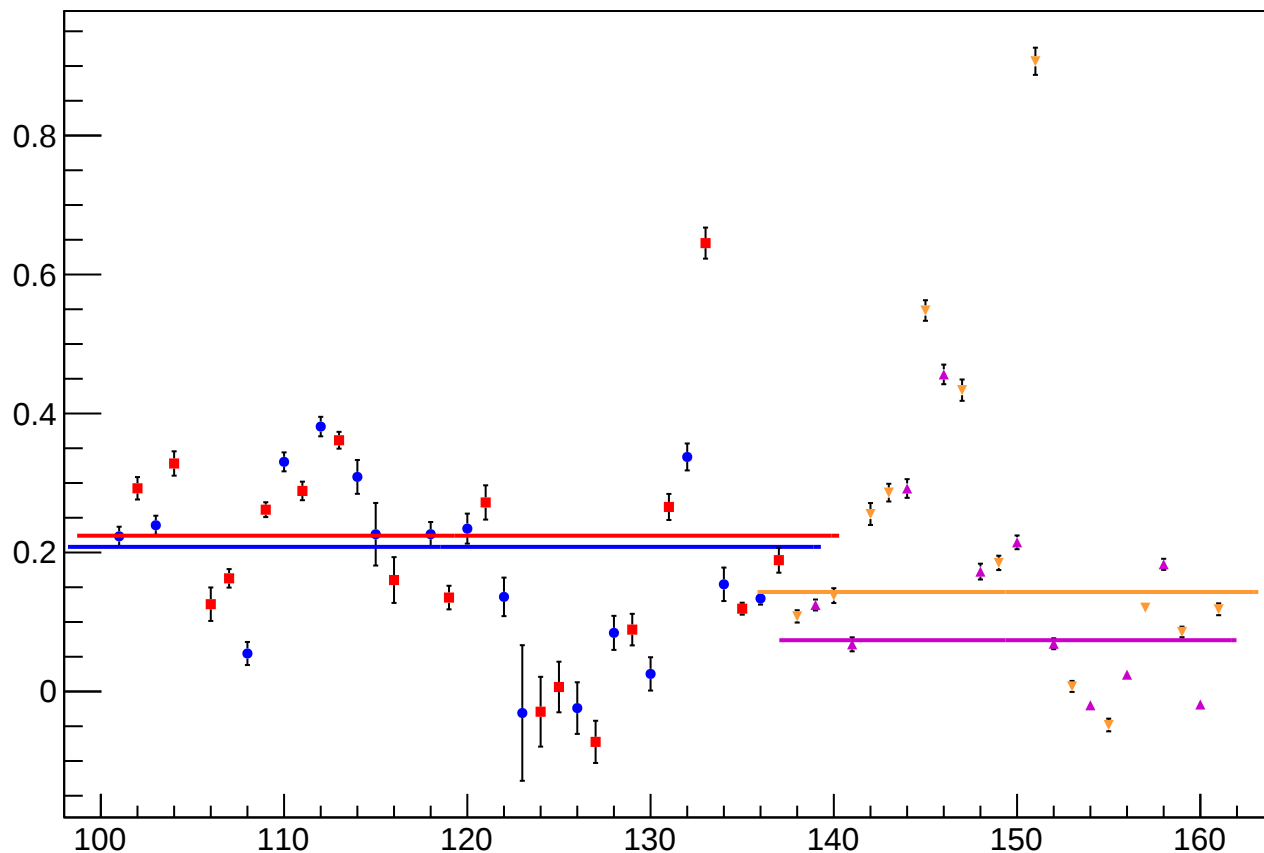
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -2.124 ± 0.043 χ^2/NDF : 2938.9/27

Out: -2.257 ± 0.045 χ^2/NDF : 3775.3/30

All: -2.187 ± 0.031 χ^2/NDF : 6718.8/58

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.143 $\pm$ 0.003 χ^2 /NDF:3648.4/12

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.074 $\pm$ 0.002 χ^2 /NDF:2141.1/10

Left: 0.103 $\pm$ 0.002 χ^2 /NDF: 6165.7/23

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.104 $\pm$ 0.002 χ^2 /NDF:3508.9/27

Out: 0.170 $\pm$ 0.002 χ^2 /NDF:4938.3/30

All: 0.134 $\pm$ 0.002 χ^2 /NDF: 8927.0/58