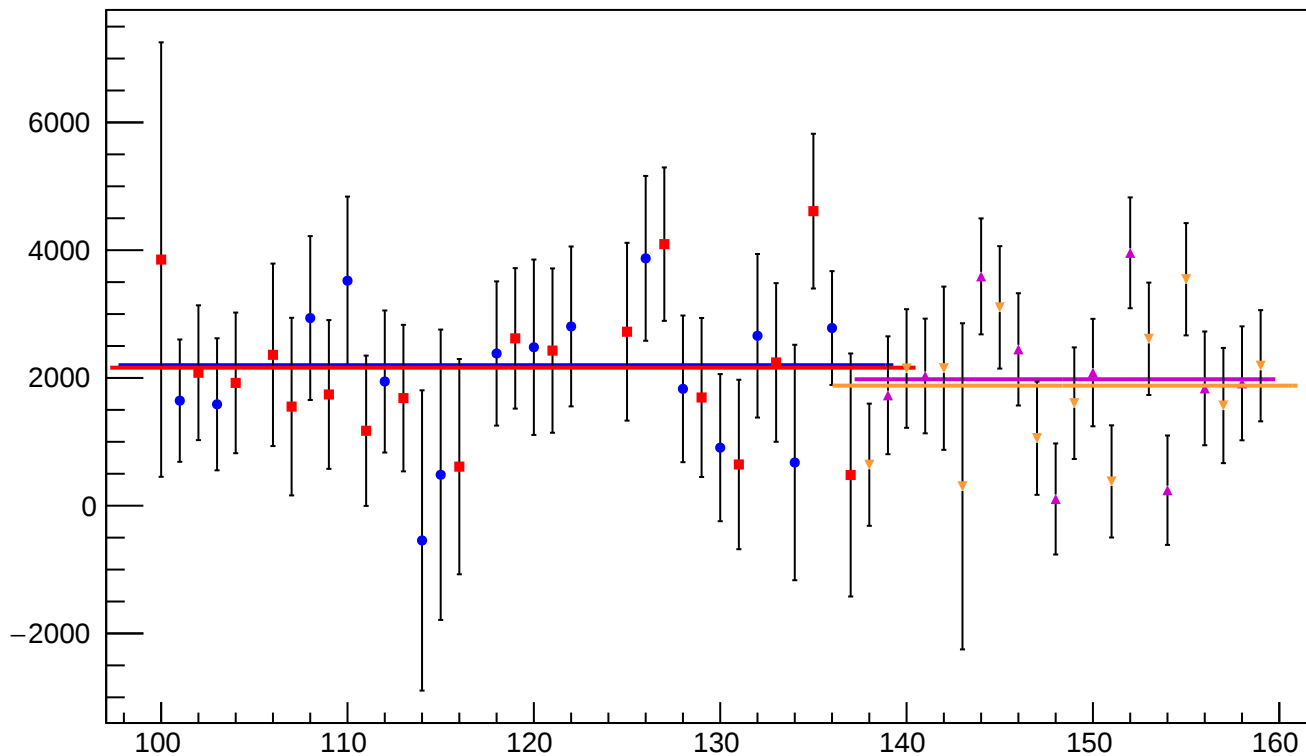


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1879.379+/-276.061

Right Out: 2160.742+/-303.587

Left In: 1979.236+/-278.729

χ^2/NDF : 8.6/15

χ^2/NDF : 12.2/11

χ^2/NDF : 11.7/17

χ^2/NDF : 17.5/9

Left: 1928.828+/-196.141

Right: 2179.612+/-215.784

In: 2078.564+/-206.293

Out: 2006.729+/-204.244

All: 2042.288+/-145.141

χ^2/NDF : 29.8/21

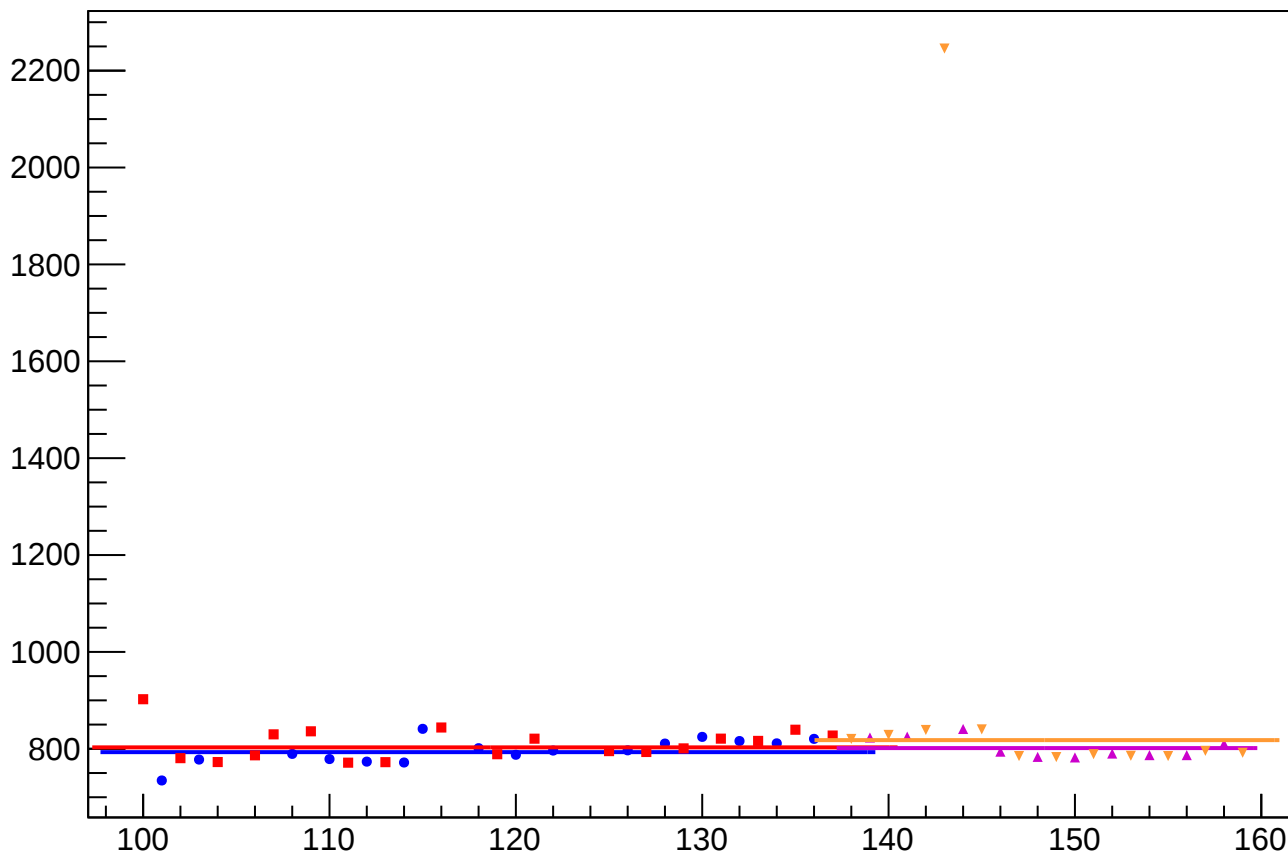
χ^2/NDF : 20.3/33

χ^2/NDF : 26.4/25

χ^2/NDF : 24.4/29

χ^2/NDF : 50.8/55

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 817.901+/-0.195 χ^2/NDF : 643976.8/11

Right Out: 802.946+/-0.215 χ^2/NDF : 14445.6/17

Left In: 801.461+/-0.197 χ^2/NDF : 9978.9/9

Left: 809.760+/-0.139 χ^2/NDF : 657468.0/21

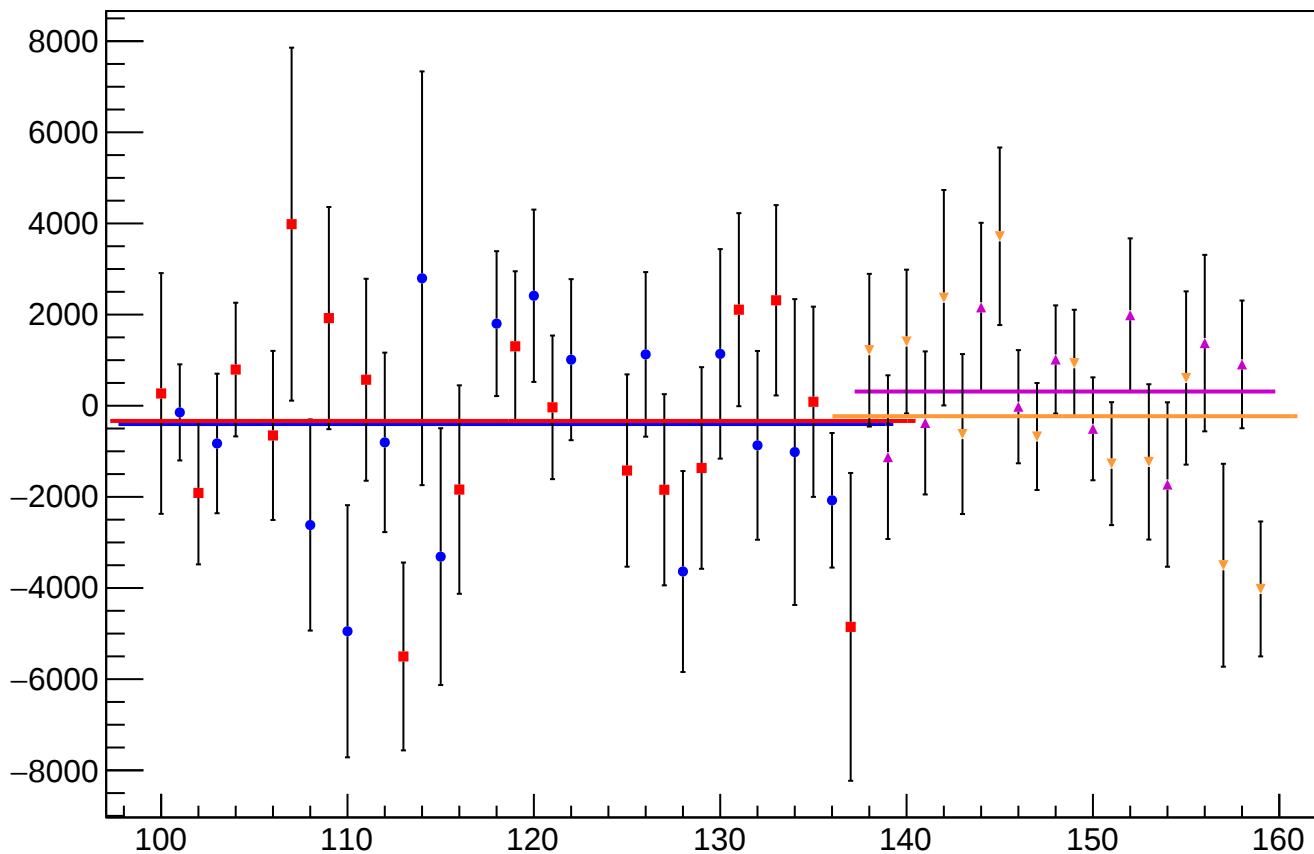
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 797.676+/-0.146 χ^2/NDF : 25497.6/25

Out: 811.132+/-0.144 χ^2/NDF : 661078.9/29

All: 804.471+/-0.103 χ^2/NDF : 690873.7/55

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -229.702 $\pm$ 456.167 χ^2/NDF : 18.2/11

Right Out: -333.998 $\pm$ 478.476 χ^2/NDF : 17.5/17

Left In: 311.953 $\pm$ 467.139 χ^2/NDF : 5.5/9

Left: 34.689 $\pm$ 326.369 χ^2/NDF : 24.4/21

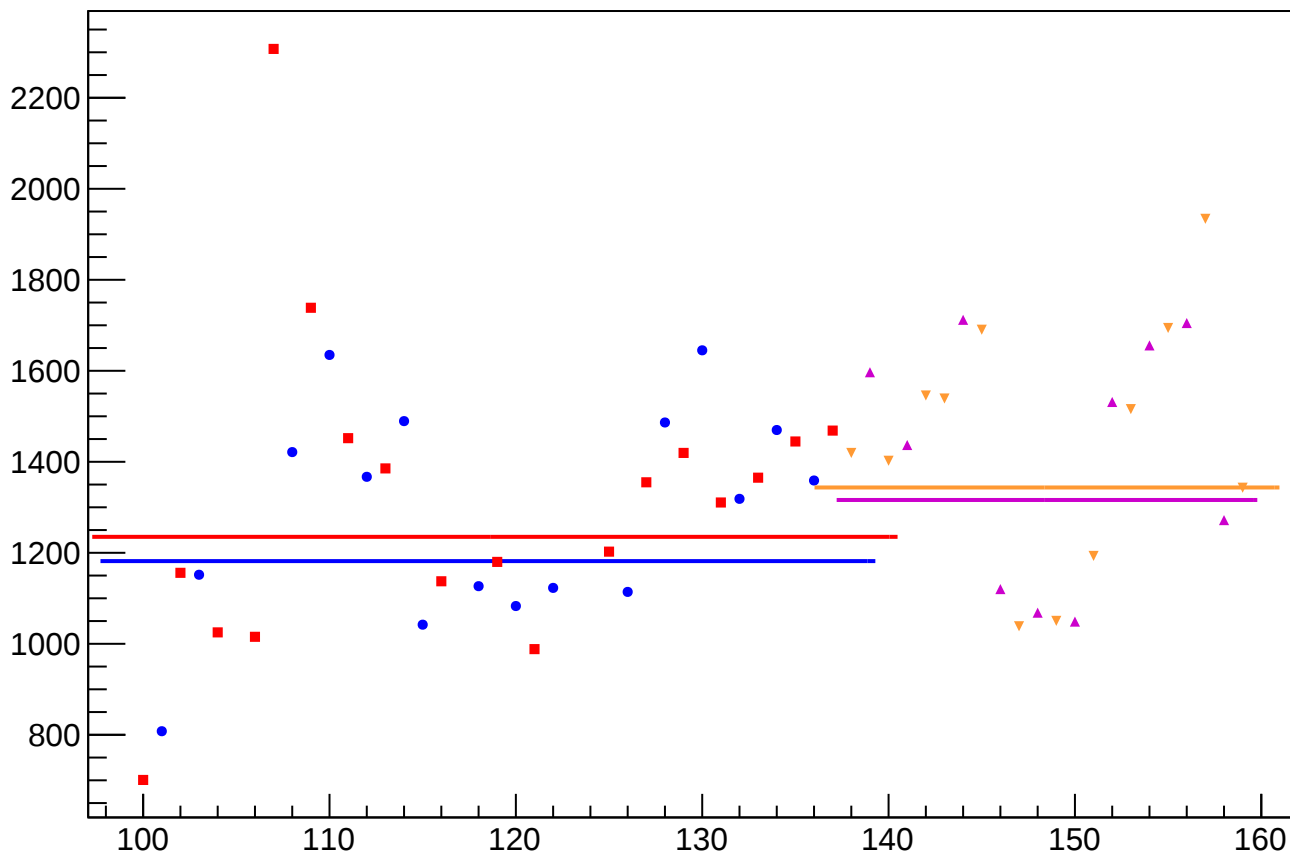
Right: -368.430 $\pm$ 334.812 χ^2/NDF : 32.3/33

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

Out: -279.362 $\pm$ 330.164 χ^2/NDF : 35.7/29

All: -161.723 $\pm$ 233.706 χ^2/NDF : 57.4/55

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1343.572+/-0.323 χ^2/NDF : 623498.9/11

Right Out: 1235.094+/-0.338 χ^2/NDF : 540252.3/17

Left In: 1316.096+/-0.330 χ^2/NDF : 586736.0/9

Left: 1330.161+/-0.231 χ^2/NDF : 1213776.5/21

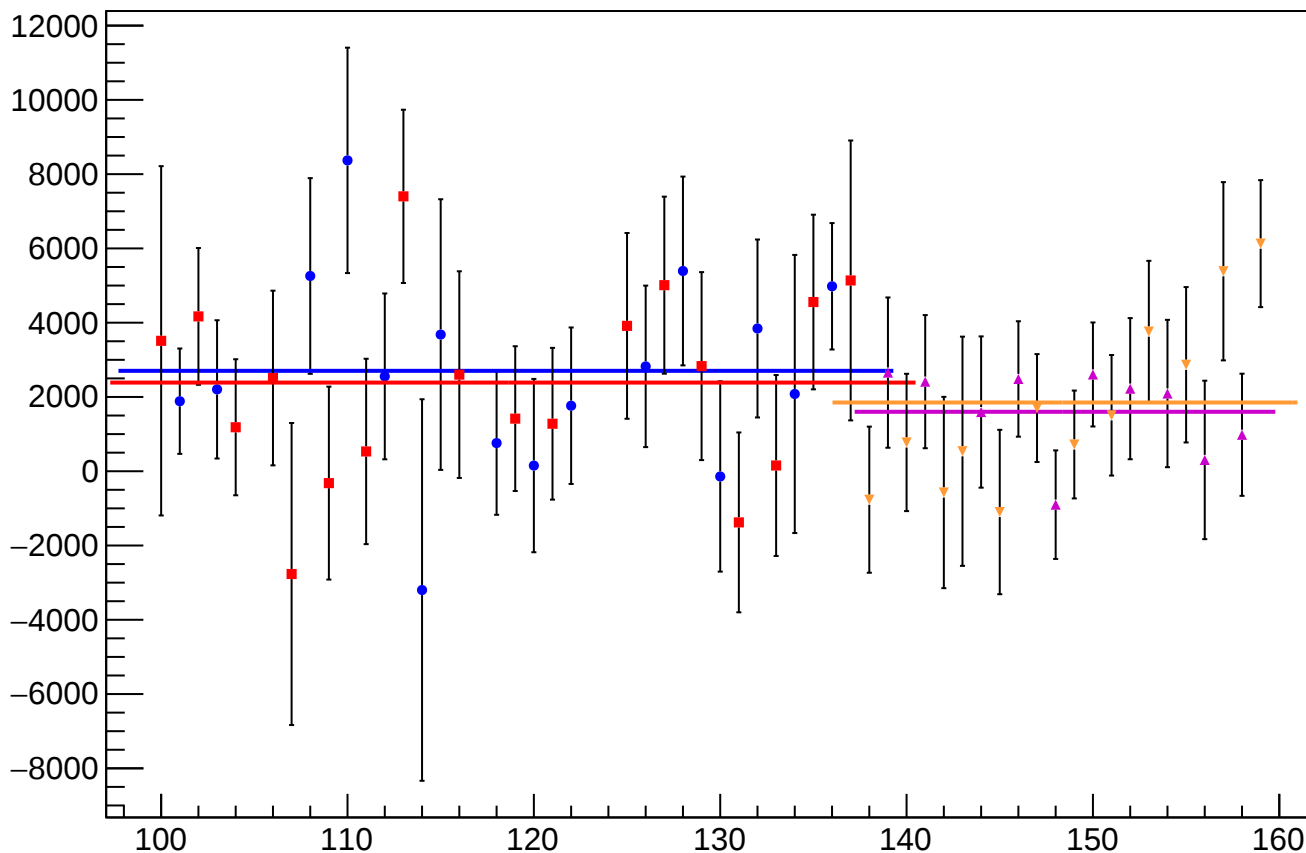
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1249.151+/-0.234 χ^2/NDF : 1212648.7/25

Out: 1291.921+/-0.233 χ^2/NDF : 1217604.1/29

All: 1270.581+/-0.165 χ^2/NDF : 2446998.2/55

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1851.121 $\pm$ 545.690 χ^2/NDF : 15.3/11

Right Out: 2387.341 $\pm$ 569.264 χ^2/NDF : 16.1/17

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

Left: 1726.883 $\pm$ 387.290 χ^2/NDF : 20.3/21

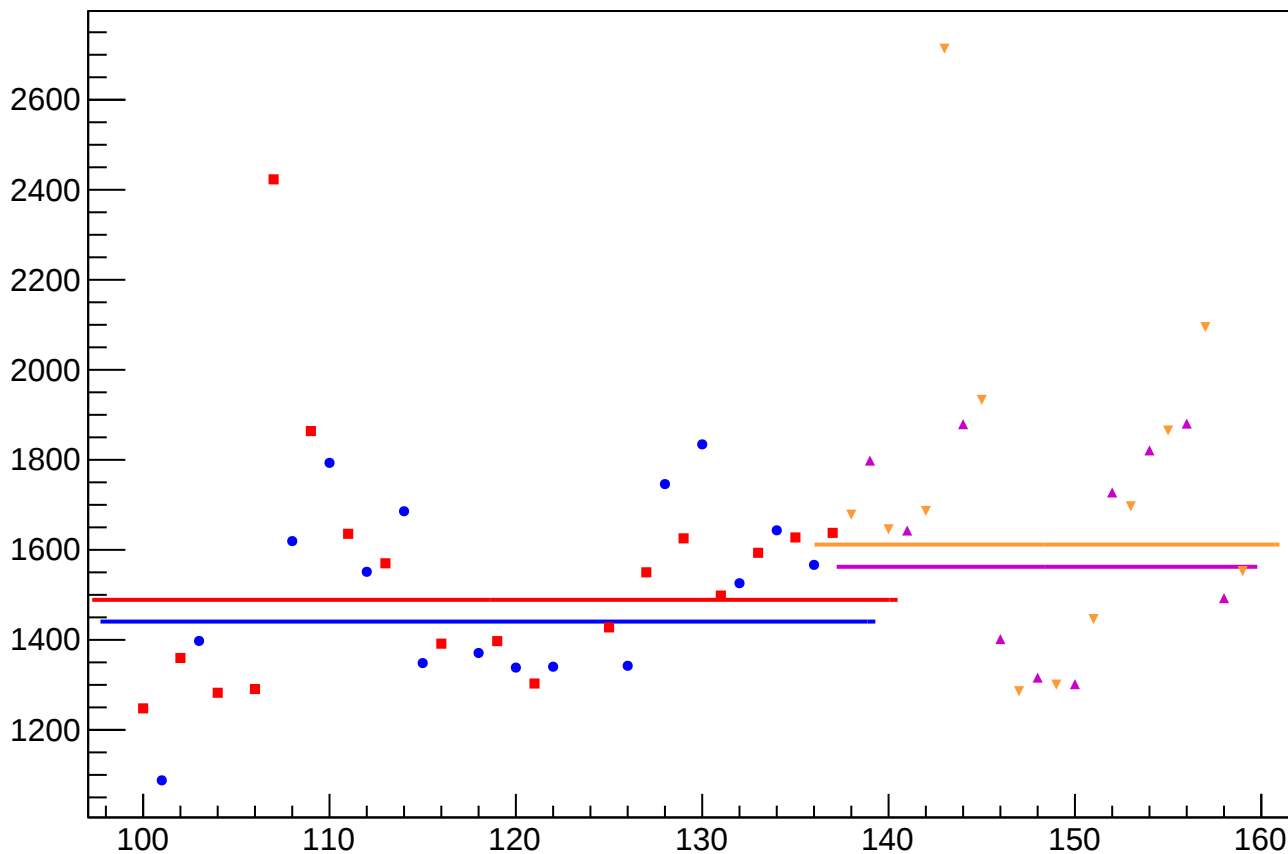
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

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

Out: 2107.899 $\pm$ 393.932 χ^2/NDF : 31.8/29

All: 2122.772 $\pm$ 278.522 χ^2/NDF : 51.8/55

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1611.709 $\pm$ 0.386 χ^2/NDF : 631787.5/11

Right Out: 1488.944 $\pm$ 0.403 χ^2/NDF : 256842.6/17

Left In: 1562.379 $\pm$ 0.389 χ^2/NDF : 324327.5/9

Left: 1587.227 $\pm$ 0.274 χ^2/NDF : 964226.3/21

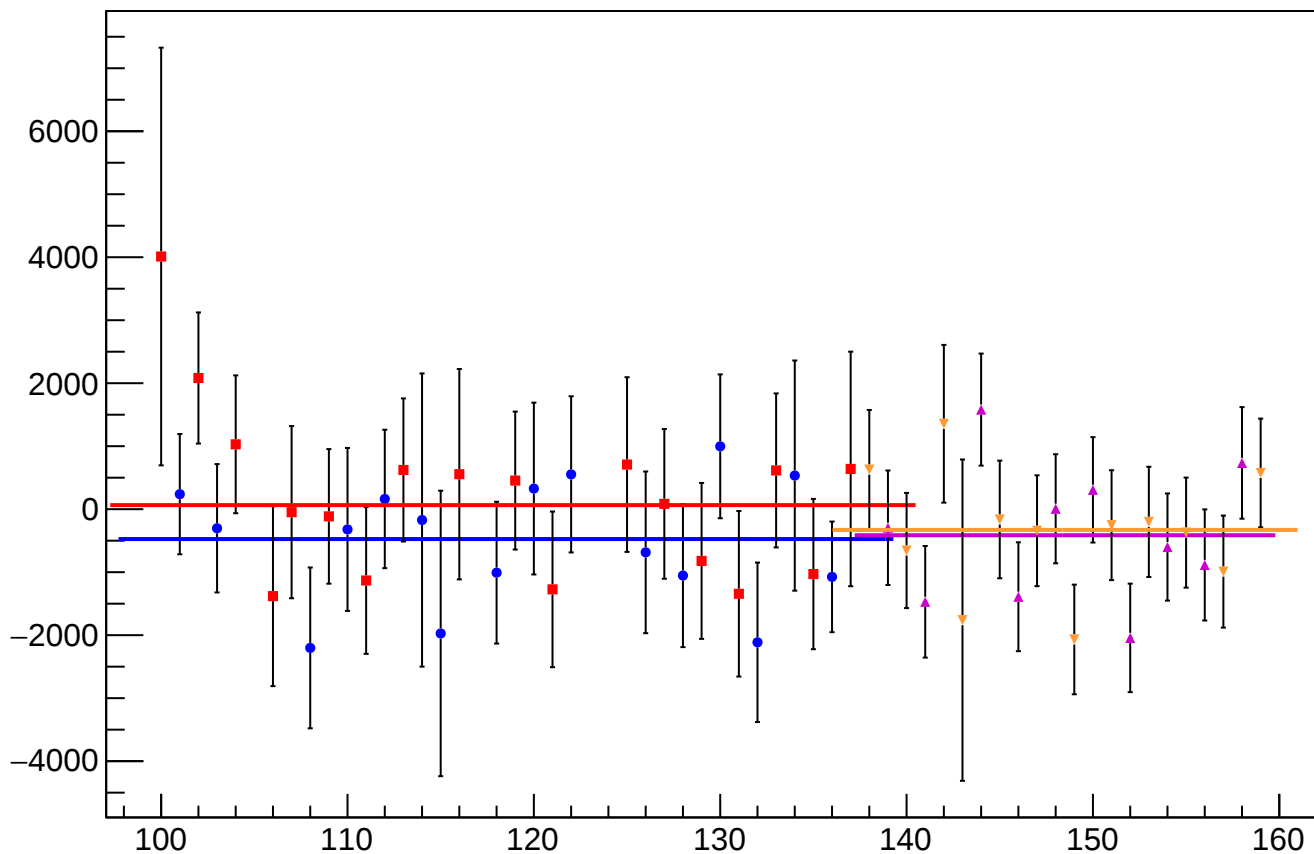
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

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

Out: 1552.921 $\pm$ 0.279 χ^2/NDF : 937102.9/29

All: 1528.019 $\pm$ 0.197 χ^2/NDF : 1607402.7/55

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -329.121 ± 273.134 $\chi^2/\text{NDF}: 9.0/11$

Right Out: 64.684 ± 298.395 $\chi^2/\text{NDF}: 12.7/17$

Left In: -413.317 ± 275.876 $\chi^2/\text{NDF}: 14.3/9$

Left: -370.799 ± 194.097 $\chi^2/\text{NDF}: 23.3/21$

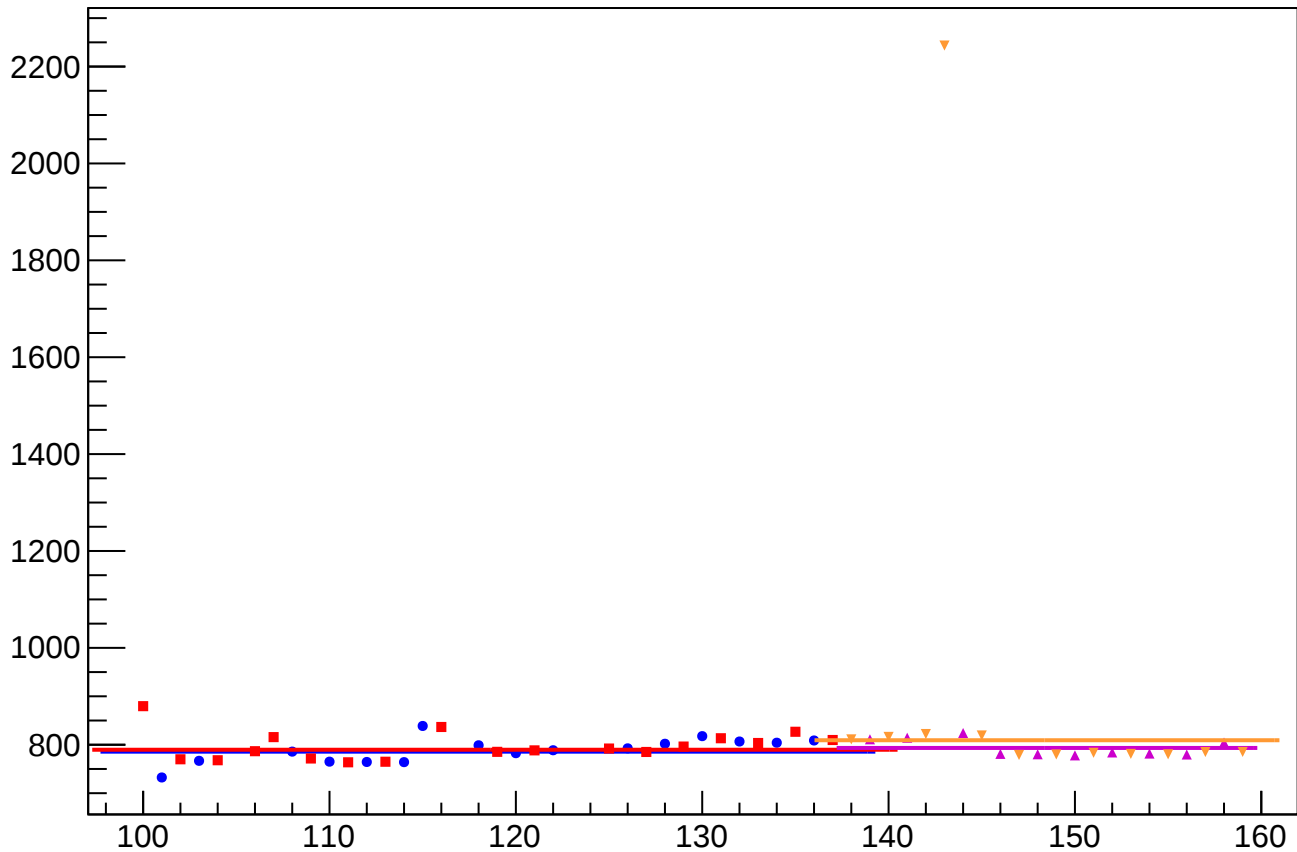
Right: -199.789 ± 212.921 $\chi^2/\text{NDF}: 23.2/33$

In: -440.792 ± 204.269 $\chi^2/\text{NDF}: 23.2/25$

Out: -149.590 ± 201.475 $\chi^2/\text{NDF}: 22.6/29$

All: -293.186 ± 143.442 $\chi^2/\text{NDF}: 46.9/55$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 809.300 $\pm$ 0.193 χ^2 /NDF: 646635.2/11

Right Out: 789.675 $\pm$ 0.211 χ^2 /NDF: 11010.0/17

Left In: 793.392 $\pm$ 0.195 χ^2 /NDF: 7204.7/9

Left: 801.425 $\pm$ 0.137 χ^2 /NDF: 657198.3/21

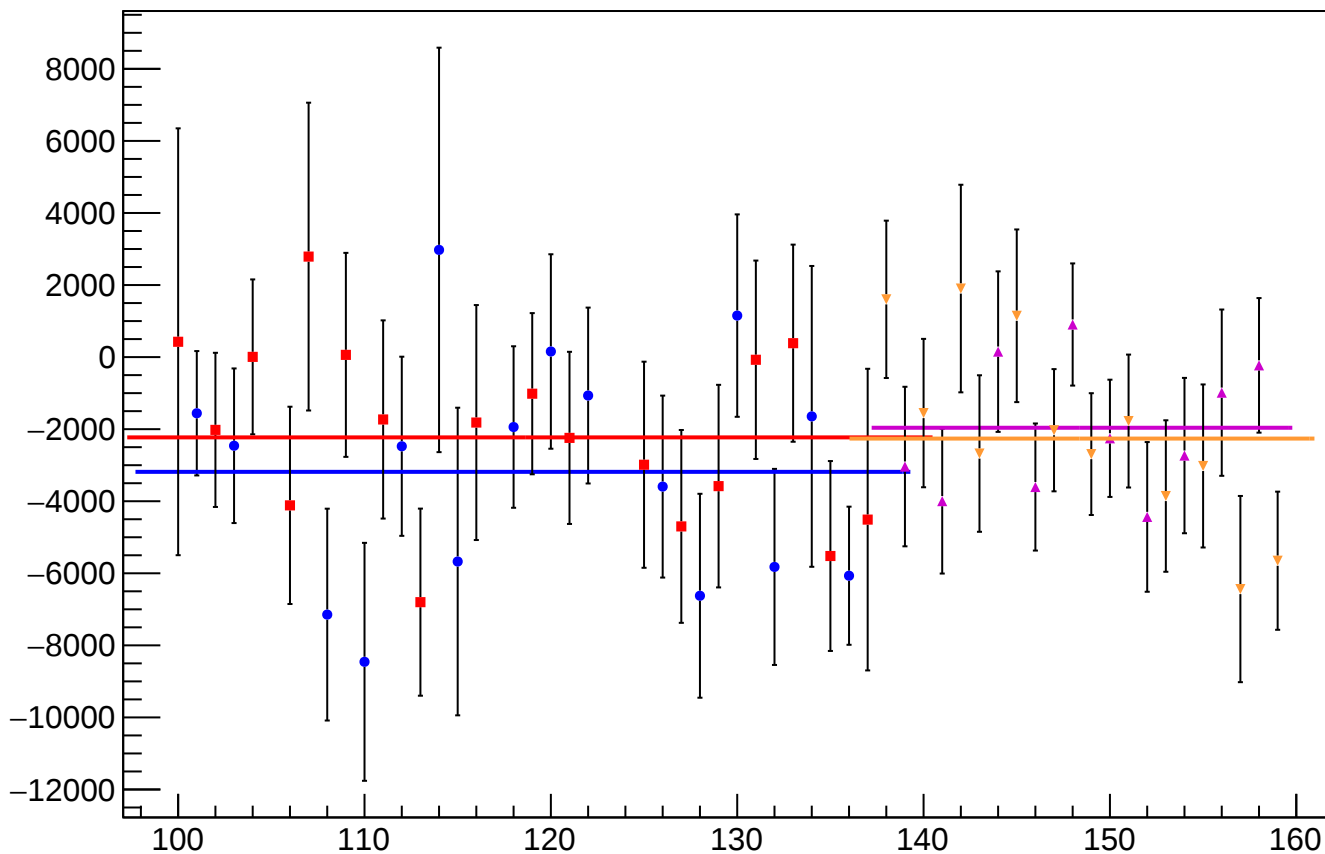
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 789.938 $\pm$ 0.144 χ^2 /NDF: 21820.2/25

Out: 800.353 $\pm$ 0.142 χ^2 /NDF: 662352.2/29

All: 795.217 $\pm$ 0.101 χ^2 /NDF: 686808.2/55

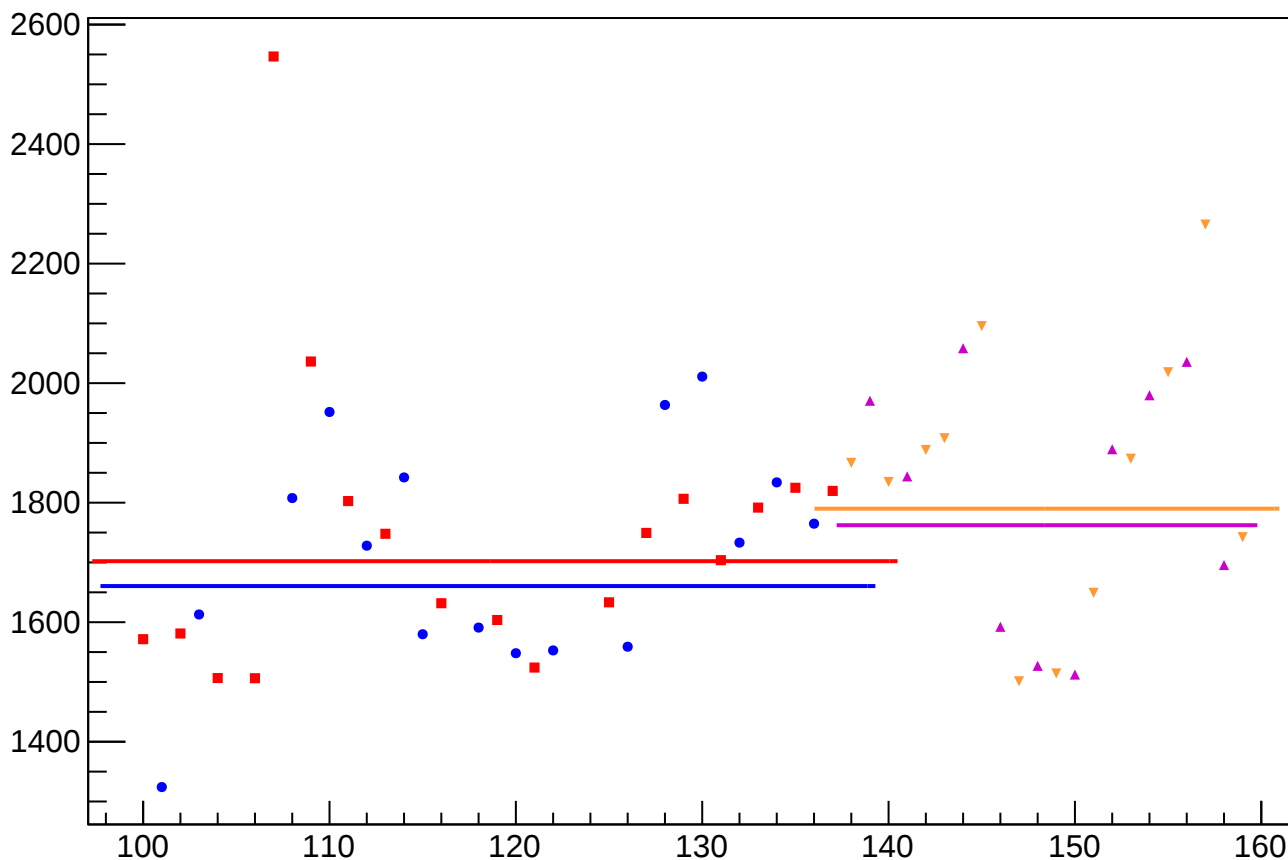
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2260.996 ± 598.980 $\chi^2/\text{NDF}: 14.0/11$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -1960.948 ± 617.596 $\chi^2/\text{NDF}: 8.5/9$

Left: -2115.562 ± 429.974 $\chi^2/\text{NDF}: 22.6/21$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2543.960 ± 446.859 $\chi^2/\text{NDF}: 27.2/25$
 Out: -2245.837 ± 439.867 $\chi^2/\text{NDF}: 25.8/29$
 All: -2392.548 ± 313.476 $\chi^2/\text{NDF}: 53.2/55$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1789.974 $\pm$ 0.424 χ^2 /NDF: 259433.3/11

Right Out: 1702.098 $\pm$ 0.458 χ^2 /NDF: 172008.4/17

Left In: 1762.281 $\pm$ 0.437 χ^2 /NDF: 219094.5/9

Left: 1776.551 $\pm$ 0.304 χ^2 /NDF: 480599.9/21

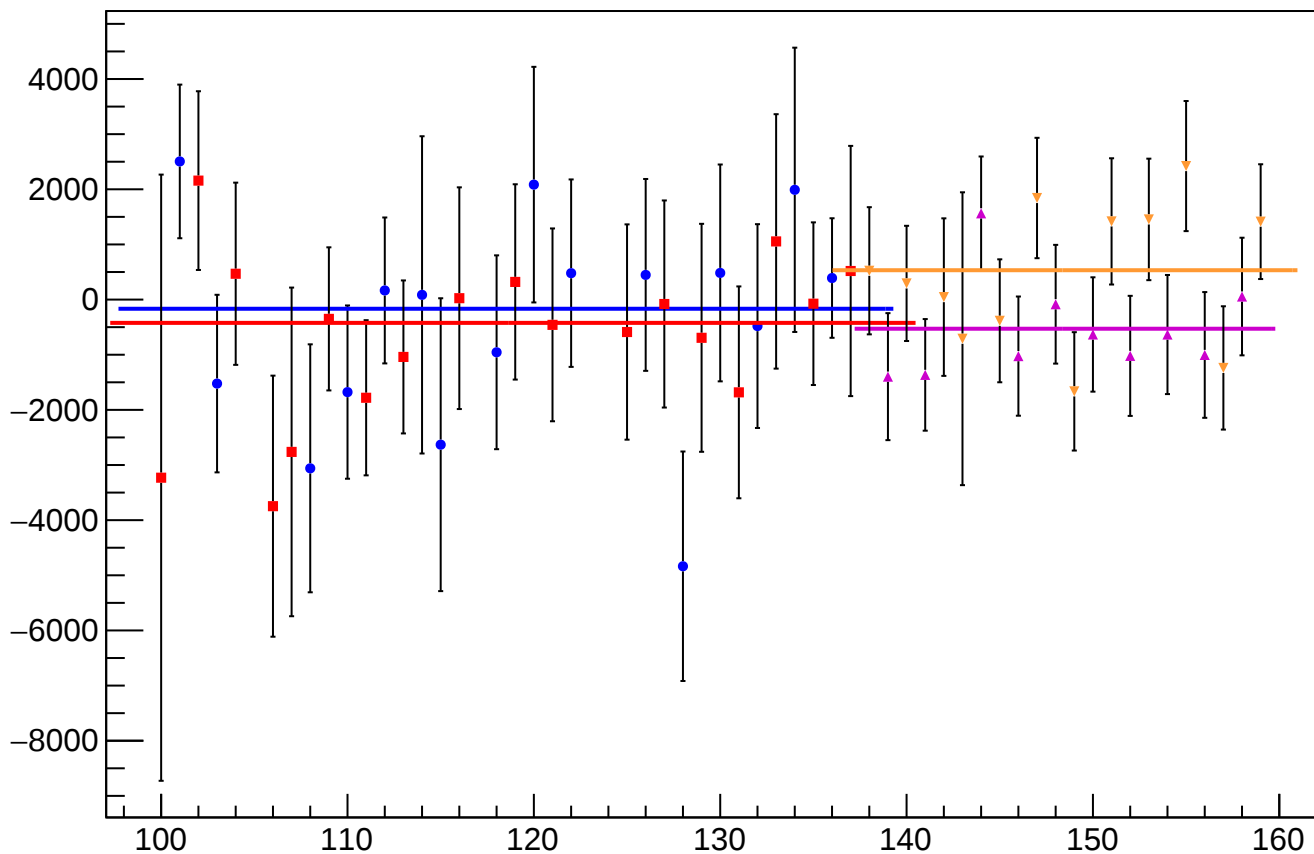
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

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

Out: 1749.488 $\pm$ 0.311 χ^2 /NDF: 451274.3/29

All: 1731.909 $\pm$ 0.222 χ^2 /NDF: 881968.0/55

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 532.489 ± 336.313 χ^2/NDF : 13.8/11

Right Out: -422.359 ± 427.321 χ^2/NDF : 8.2/17

Left In: -528.553 ± 339.633 χ^2/NDF : 6.5/9

Left: 7.178 ± 238.974 χ^2/NDF : 25.2/21

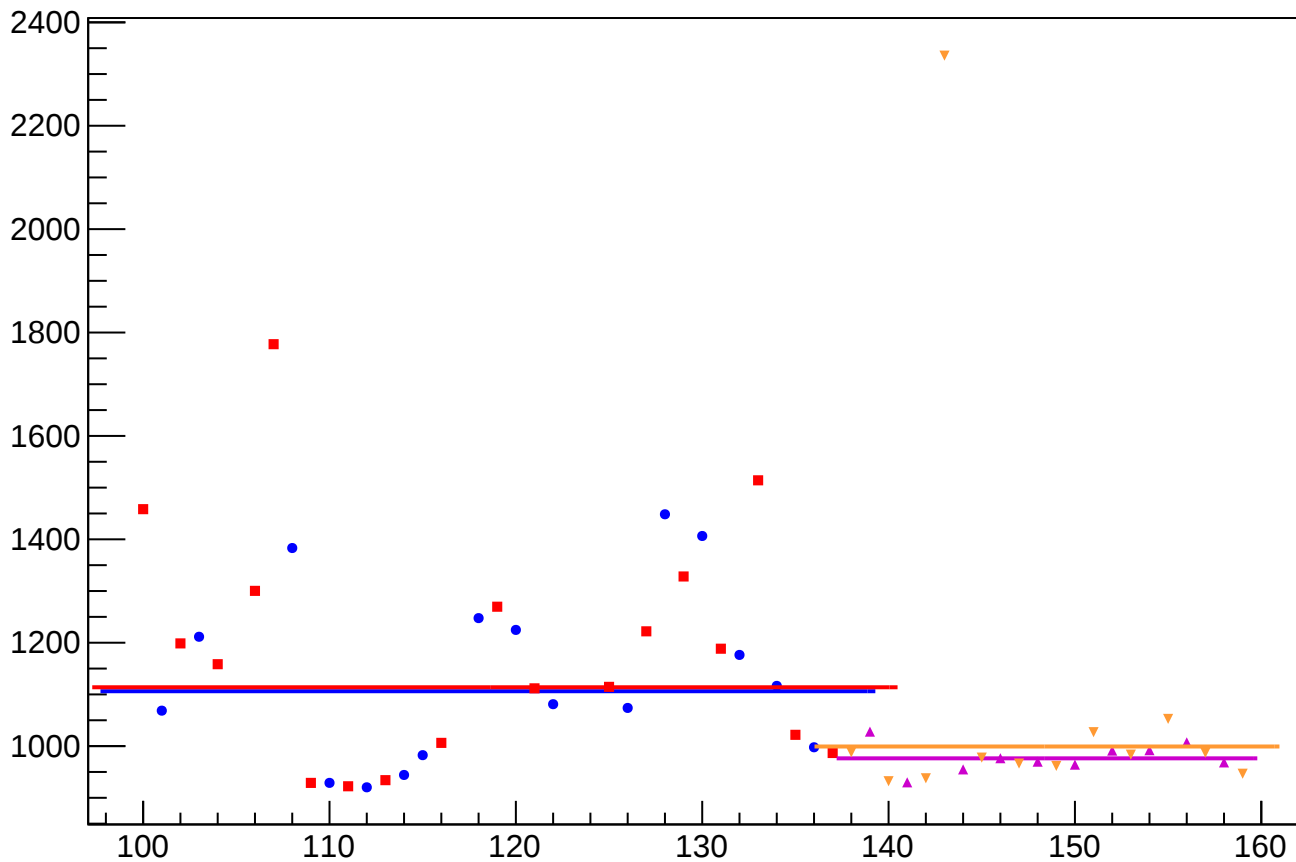
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

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

Out: 167.268 ± 264.281 χ^2/NDF : 25.0/29

All: -108.580 ± 187.884 χ^2/NDF : 49.7/55

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 999.255 ± 0.238 $\chi^2/\text{NDF}: 534751.8/11$

Right Out: 1113.821 ± 0.302 $\chi^2/\text{NDF}: 364293.1/17$

Left In: 976.341 ± 0.240 $\chi^2/\text{NDF}: 11824.9/9$

Left: 987.911 ± 0.169 $\chi^2/\text{NDF}: 551173.5/21$

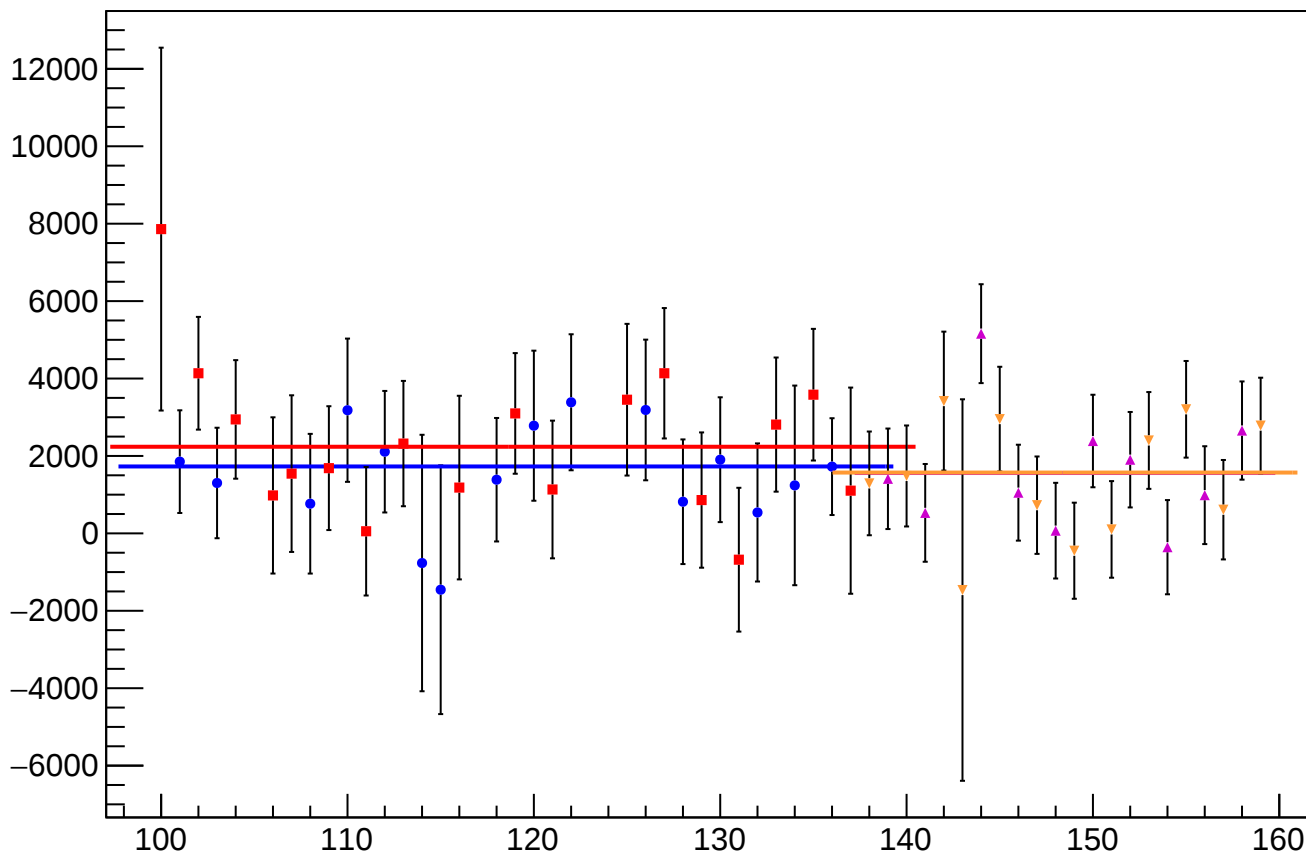
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 1025.833 ± 0.189 $\chi^2/\text{NDF}: 383143.0/25$

Out: 1043.076 ± 0.187 $\chi^2/\text{NDF}: 987816.0/29$

All: 1034.548 ± 0.133 $\chi^2/\text{NDF}: 1375169.6/55$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1570.929 $\pm$ 391.995 χ^2/NDF :10.7/11

Right Out: 2237.683 $\pm$ 425.458 χ^2/NDF : 12.3/17

Left In: 1559.248 $\pm$ 394.669 χ^2/NDF :14.2/9

Left: 1565.129 $\pm$ 278.123 χ^2/NDF : 24.9/21

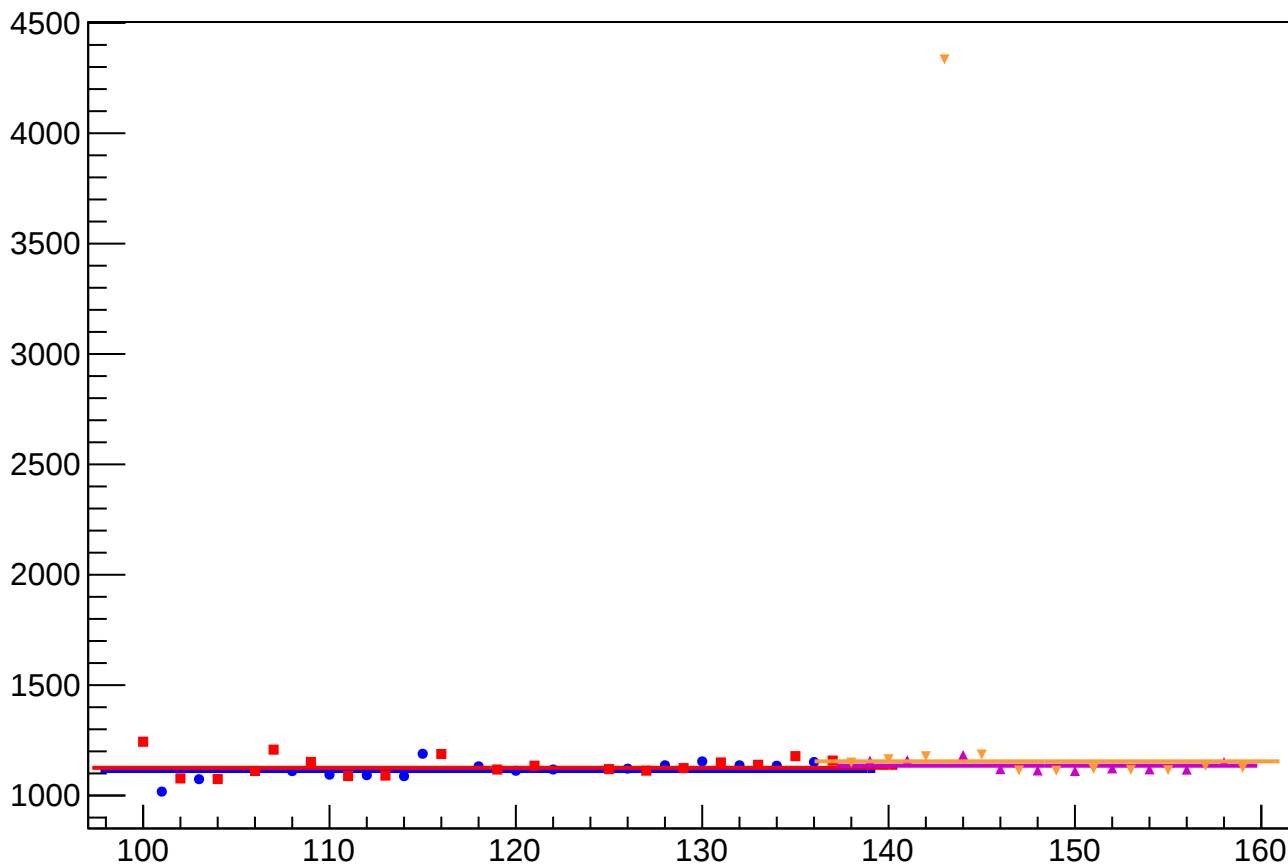
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

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

Out: 1877.058 $\pm$ 288.287 χ^2/NDF :24.3/29

All: 1757.860 $\pm$ 204.698 χ^2/NDF : 44.2/55

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1154.792+/-0.277 χ^2/NDF : 845705.3/11

Right Out: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

Left In: 1134.939+/-0.279 χ^2/NDF : 7369.0/9

Left: 1144.933+/-0.197 χ^2/NDF : 855621.8/21

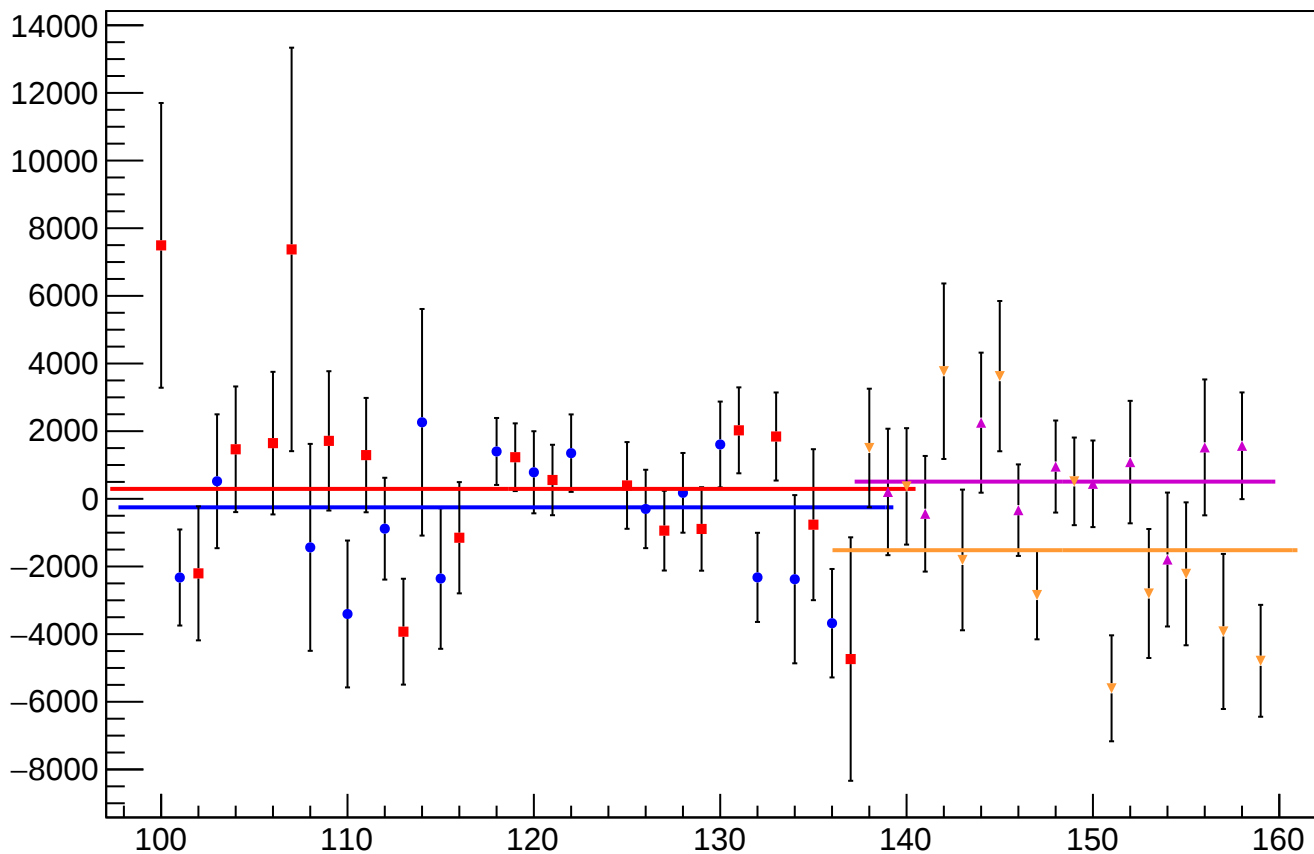
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1124.007+/-0.206 χ^2/NDF : 28814.2/25

Out: 1141.341+/-0.204 χ^2/NDF : 866715.1/29

All: 1132.746+/-0.145 χ^2/NDF : 899114.4/55

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1518.716 $\pm$ 507.264 χ^2/NDF : 29.6/11

Right Out: 293.658 $\pm$ 362.490 χ^2/NDF : 24.0/17

Left In: 508.450 $\pm$ 515.123 χ^2/NDF : 3.7/9

Left: -520.716 $\pm$ 361.436 χ^2/NDF : 41.1/21

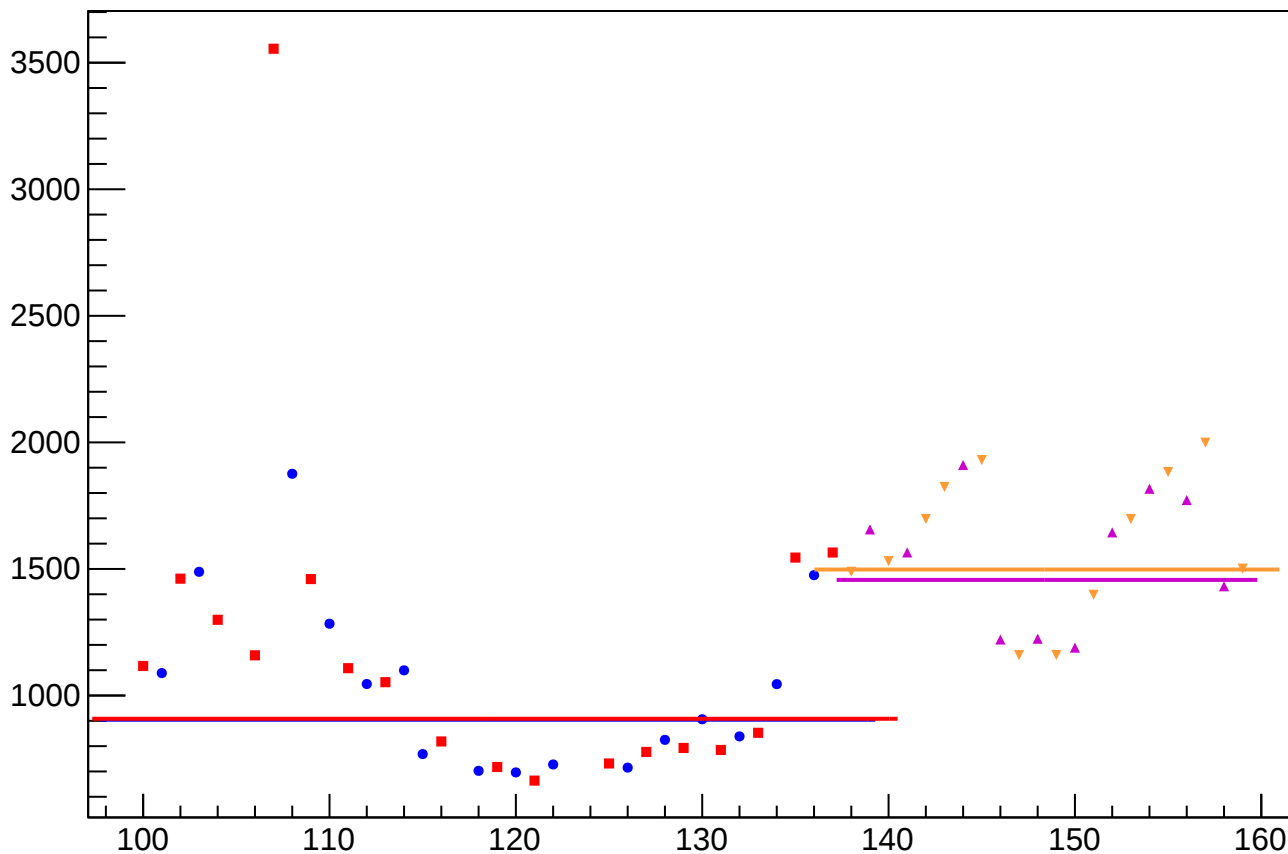
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 2.584 $\pm$ 297.789 χ^2/NDF : 27.0/25

Out: -318.985 $\pm$ 294.926 χ^2/NDF : 62.0/29

All: -159.753 $\pm$ 209.549 χ^2/NDF : 89.6/55

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1497.752+/-0.359 χ^2/NDF : 598863.9/11

Right Out: 908.153+/-0.256 χ^2/NDF : 1381025.2/17

Left In: 1456.748+/-0.364 χ^2/NDF : 470885.4/9

Left: 1477.566+/-0.256 χ^2/NDF : 1076182.9/21

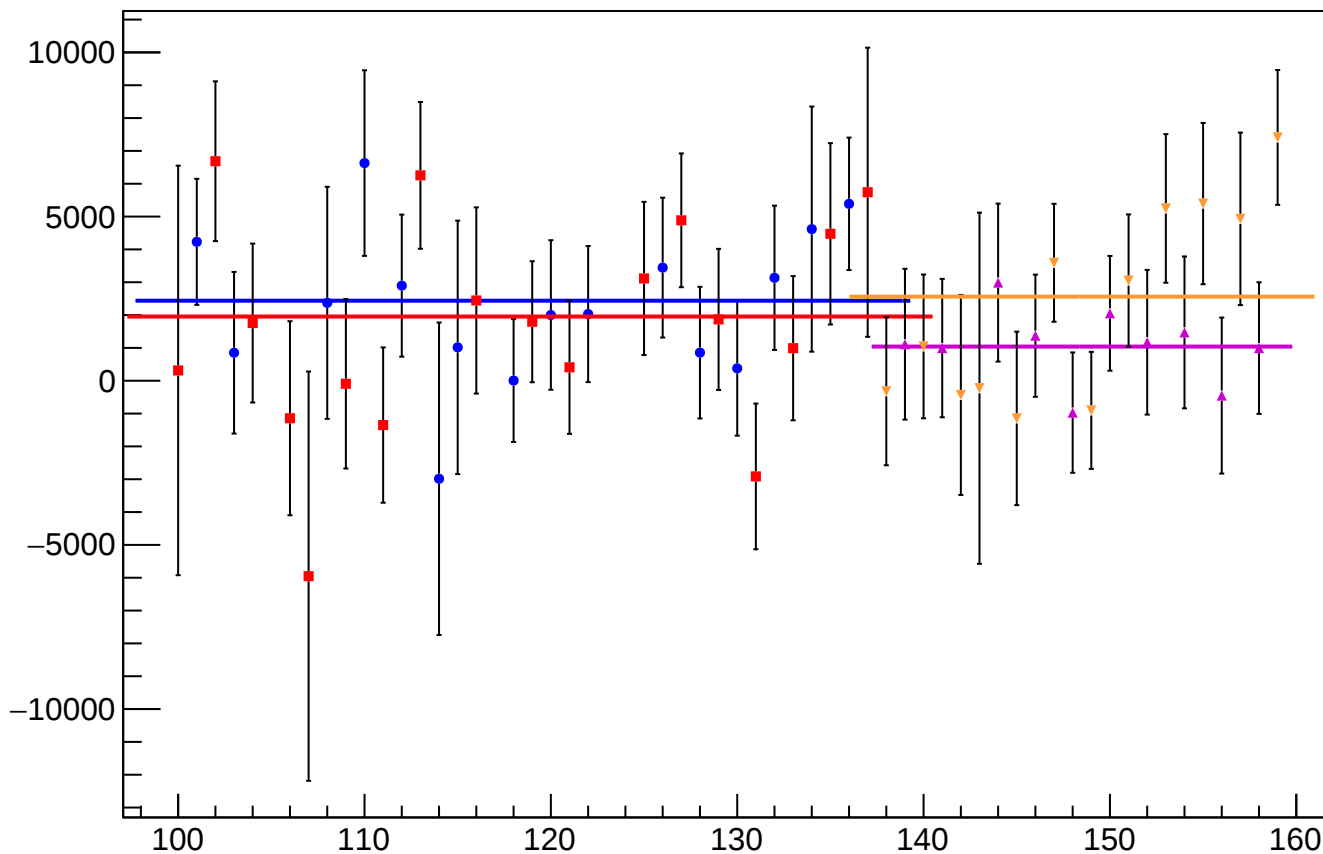
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1089.049+/-0.211 χ^2/NDF : 3022519.2/25

Out: 1107.457+/-0.209 χ^2/NDF : 3768486.4/29

All: 1098.342+/-0.148 χ^2/NDF : 6794863.7/55

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2561.477 $\pm$ 658.526 χ^2/NDF : 18.6/11

Right Out: 1955.910 $\pm$ 584.085 χ^2/NDF : 22.4/17

Left In: 1040.483 $\pm$ 656.509 χ^2/NDF : 2.7/9

Left: 1798.647 $\pm$ 464.933 χ^2/NDF : 24.0/21

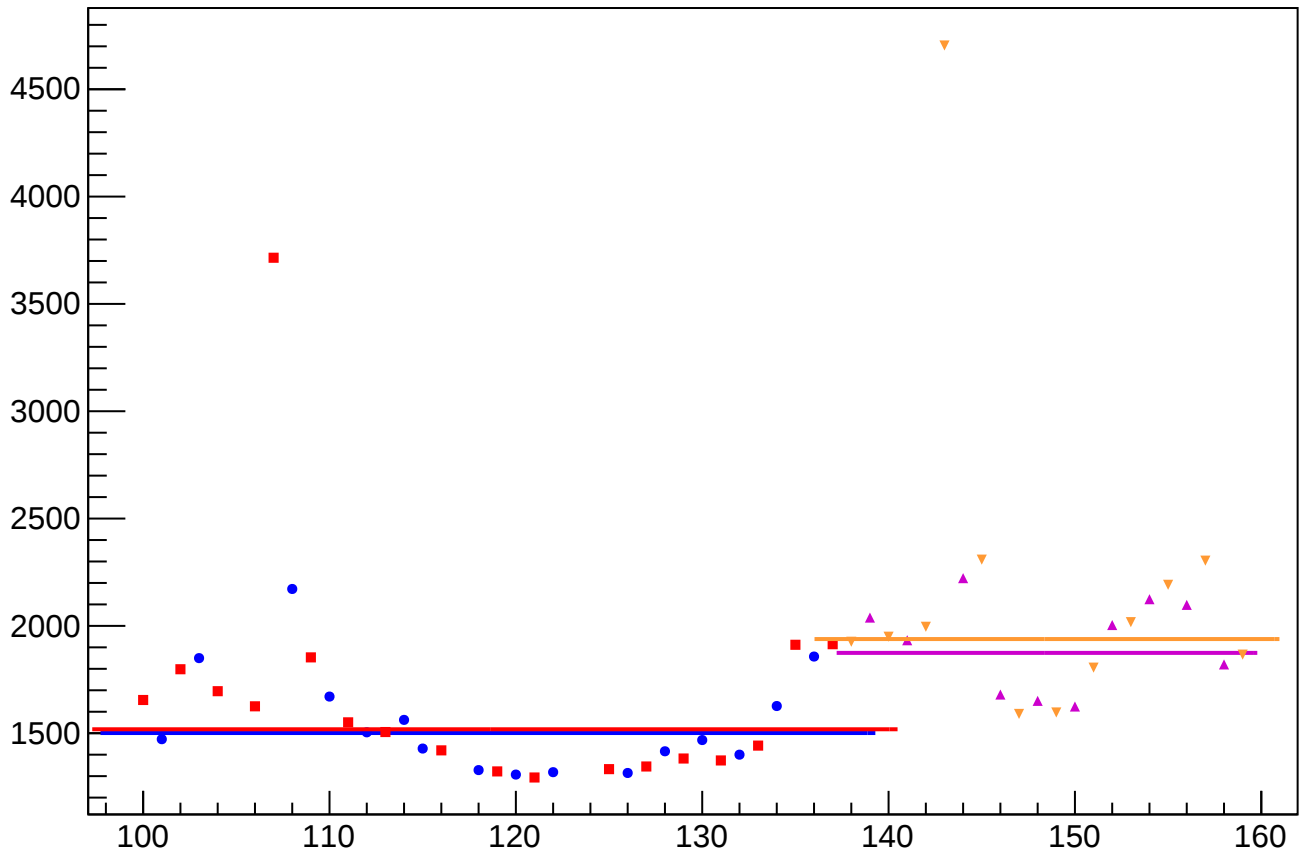
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

In: 1817.747 $\pm$ 437.271 χ^2/NDF : 16.3/25

Out: 2222.545 $\pm$ 436.969 χ^2/NDF : 41.5/29

All: 2020.286 $\pm$ 309.091 χ^2/NDF : 58.2/55

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1938.656+/-0.466 χ^2/NDF : 797290.1/11

Right Out: 1518.327+/-0.413 χ^2/NDF : 476011.7/17

Left In: 1874.193+/-0.464 χ^2/NDF : 195534.8/9

Left: 1906.325+/-0.329 χ^2/NDF : 1002436.8/21

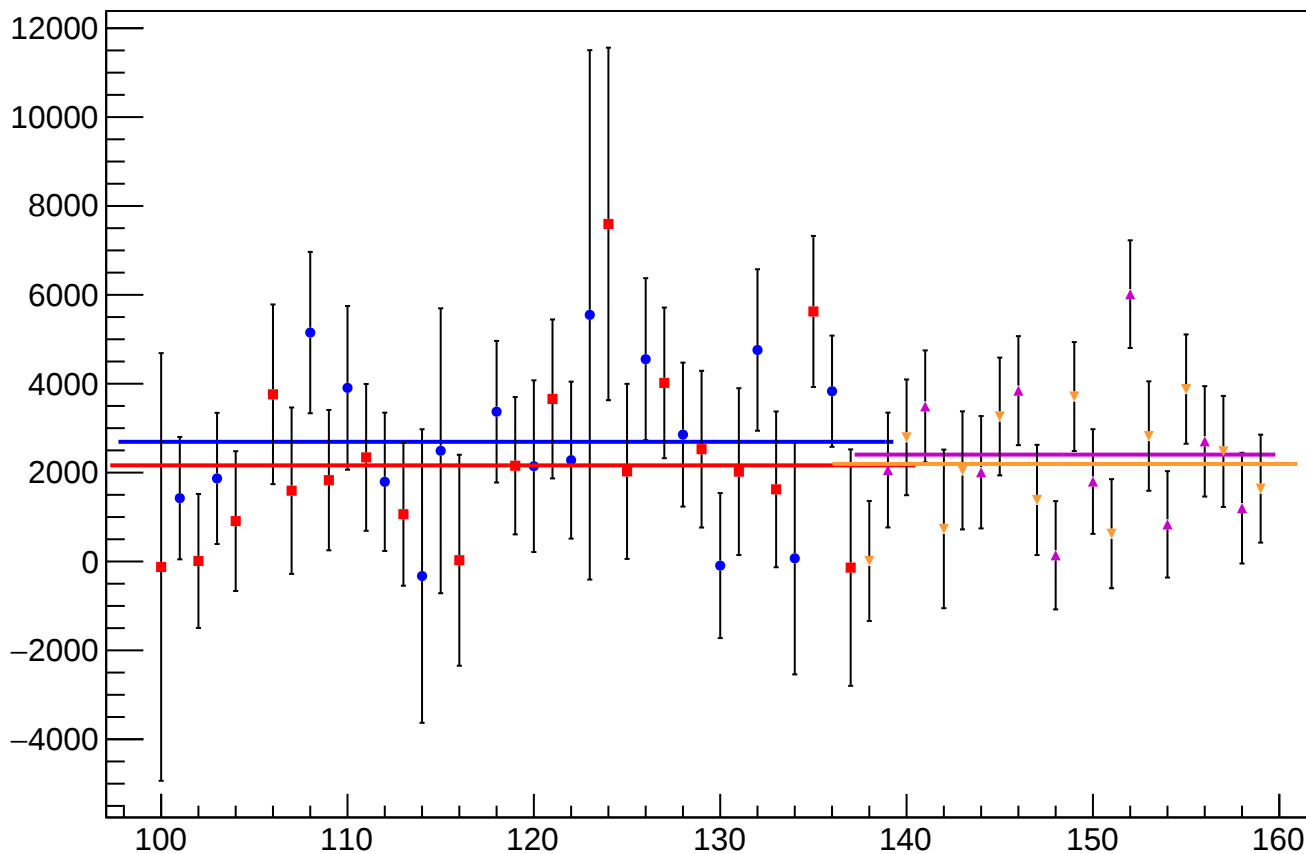
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1703.401+/-0.309 χ^2/NDF : 1729352.1/29

All: 1684.945+/-0.219 χ^2/NDF : 2548149.5/55

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2194.446 $\pm$ 372.469 χ^2 /NDF:10.1/11

Right Out: 2163.105 $\pm$ 423.797 χ^2 /NDF: 13.8/18

Left In: 2404.956 $\pm$ 389.661 χ^2 /NDF:17.6/9

Left: 2294.955 $\pm$ 269.248 χ^2 /NDF: 27.9/21

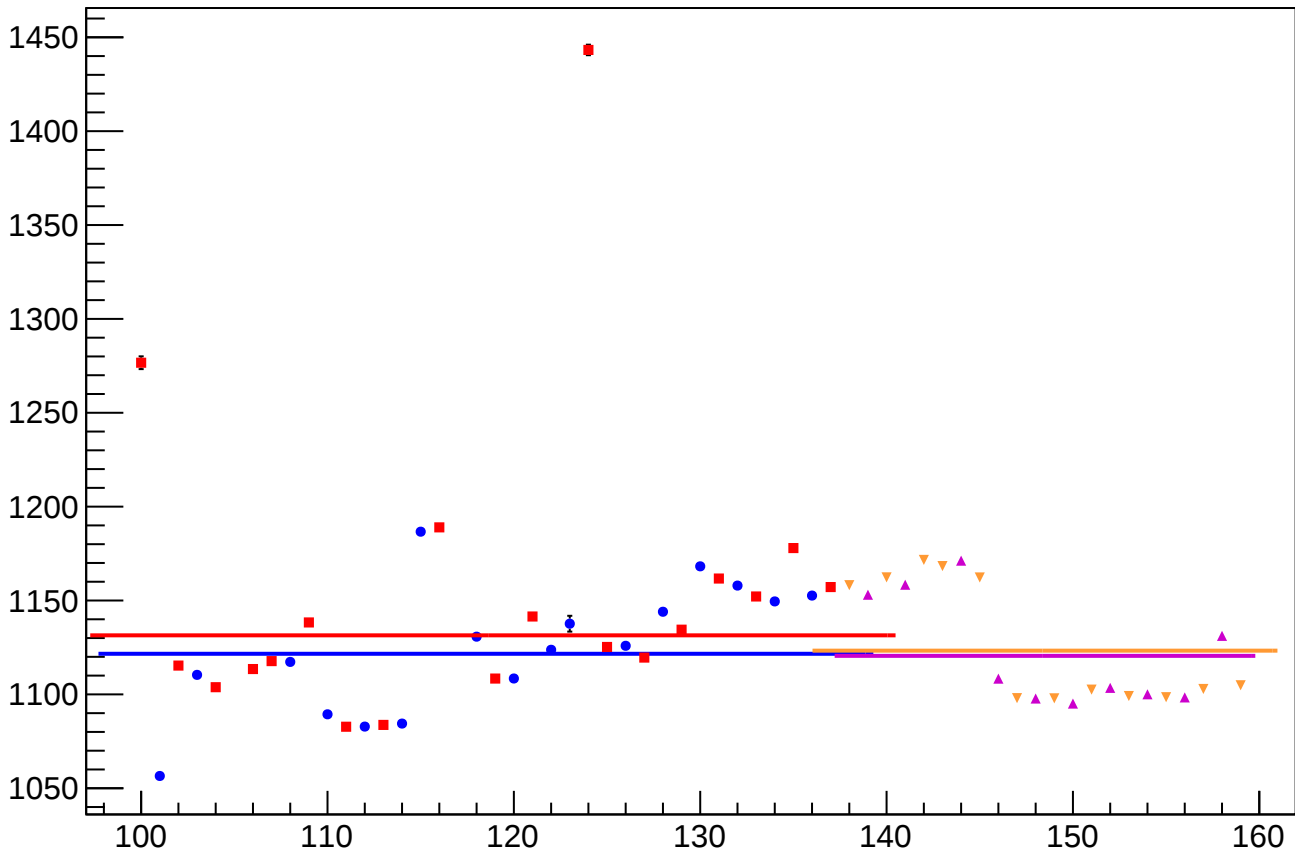
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 2180.787 $\pm$ 279.772 χ^2 /NDF:23.9/30

All: 2351.327 $\pm$ 201.190 χ^2 /NDF: 54.8/57

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1123.292 $\pm$ 0.263 χ^2 /NDF:13471.0/11

Right Out: 1131.451 $\pm$ 0.300 χ^2 /NDF: 23111.7/18

Left In: 1120.525 $\pm$ 0.276 χ^2 /NDF:9881.9/9

Left: 1121.971 $\pm$ 0.190 χ^2 /NDF: 23405.7/21

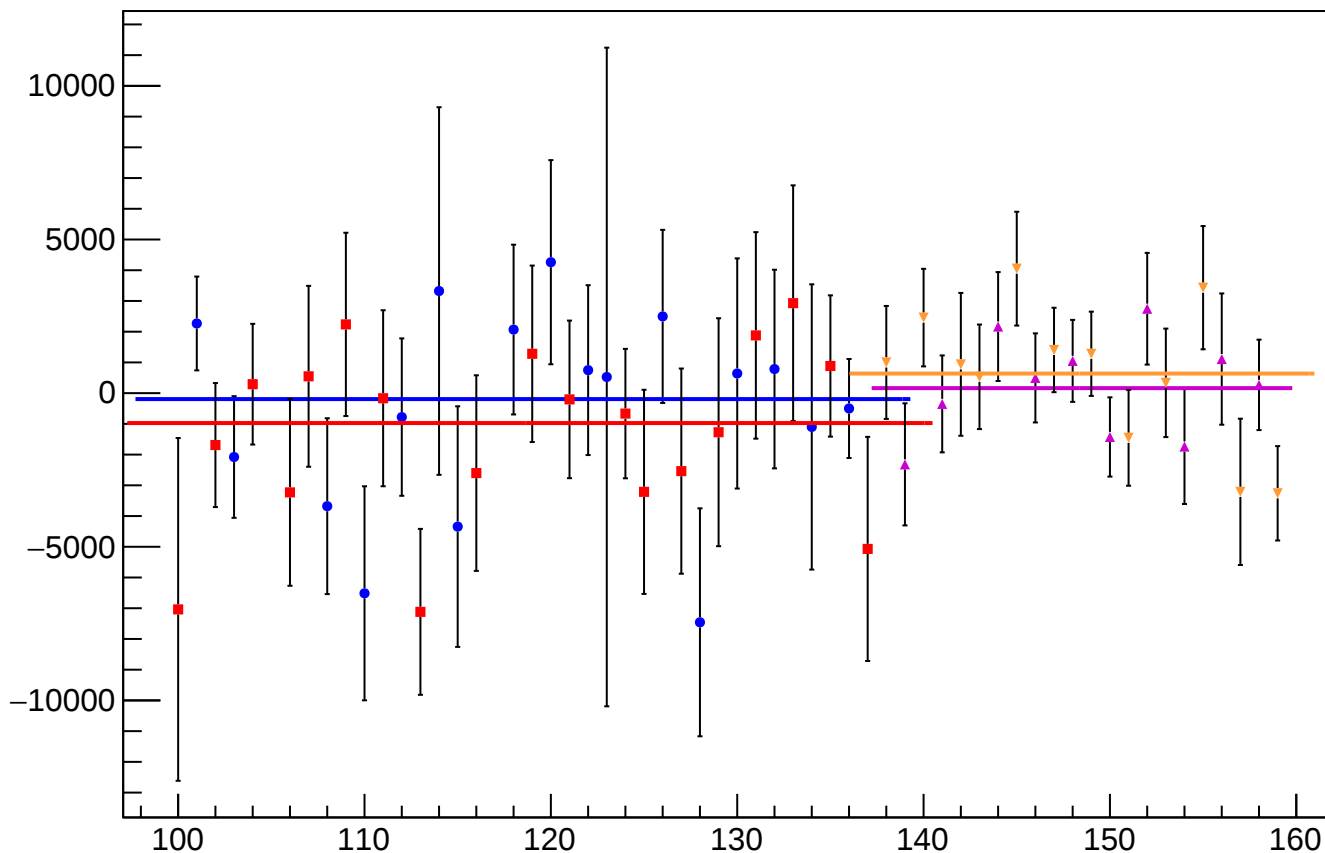
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1121.018 $\pm$ 0.205 χ^2 /NDF:21869.3/26

Out: 1126.848 $\pm$ 0.198 χ^2 /NDF:37001.1/30

All: 1124.033 $\pm$ 0.142 χ^2 /NDF: 59289.7/57

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.217+/-490.437 χ^2/NDF : 18.1/11

Right Out: -973.263+/-645.048 χ^2/NDF : 14.3/18

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

Left: 408.234+/-352.680 χ^2/NDF : 26.8/21

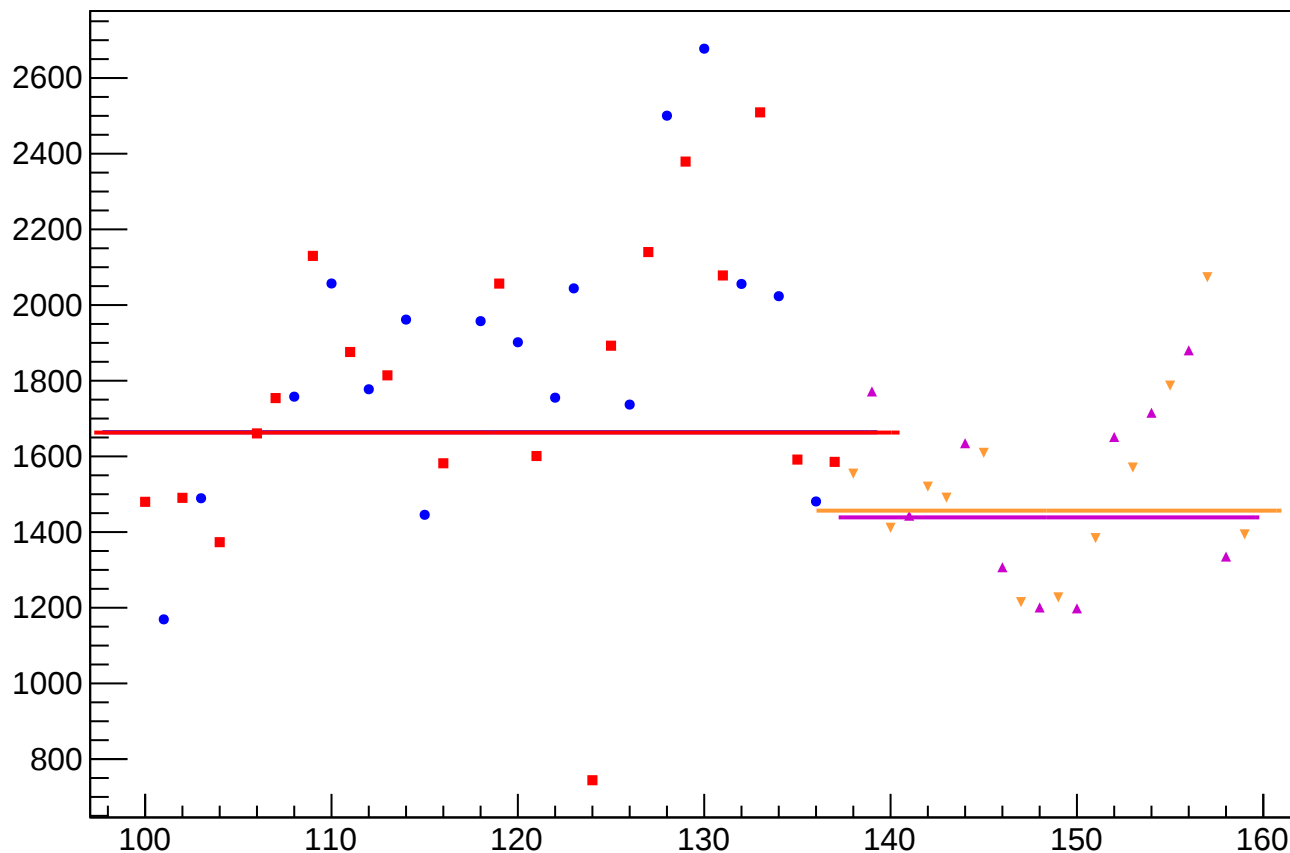
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

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

Out: 47.273+/-390.409 χ^2/NDF : 36.4/30

All: 39.229+/-280.208 χ^2/NDF : 62.1/57

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1456.666 $\pm$ 0.347 χ^2 /NDF: 345652.7/11

Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

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

Left: 1448.055 $\pm$ 0.249 χ^2 /NDF: 743736.0/21

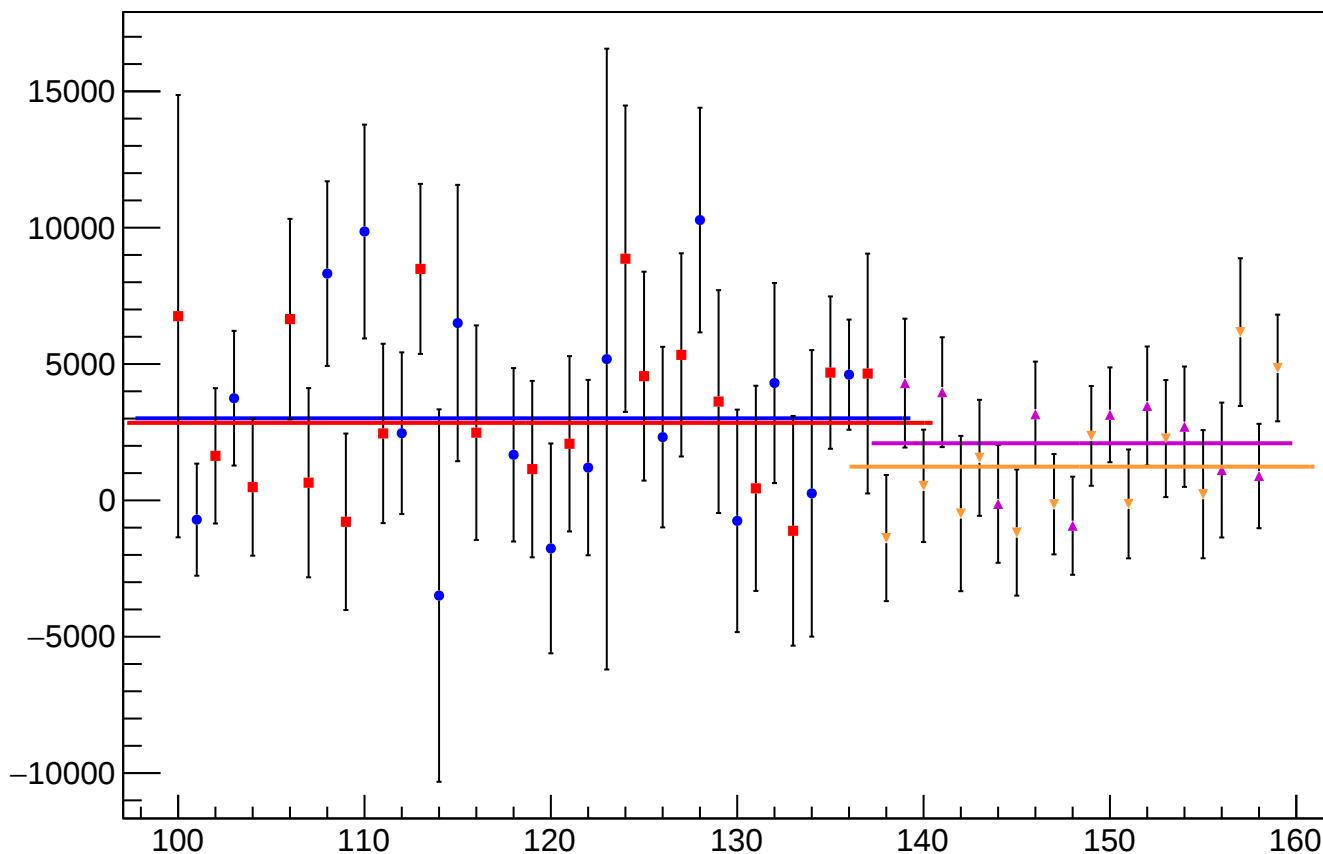
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

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

Out: 1532.244 $\pm$ 0.276 χ^2 /NDF: 1280284.8/30

All: 1527.454 $\pm$ 0.198 χ^2 /NDF: 2446085.3/57

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1236.409+/-620.747 χ^2/NDF : 11.4/11

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 2094.250+/-645.428 χ^2/NDF : 7.3/9

Left: 1648.614+/-447.405 χ^2/NDF : 19.7/21

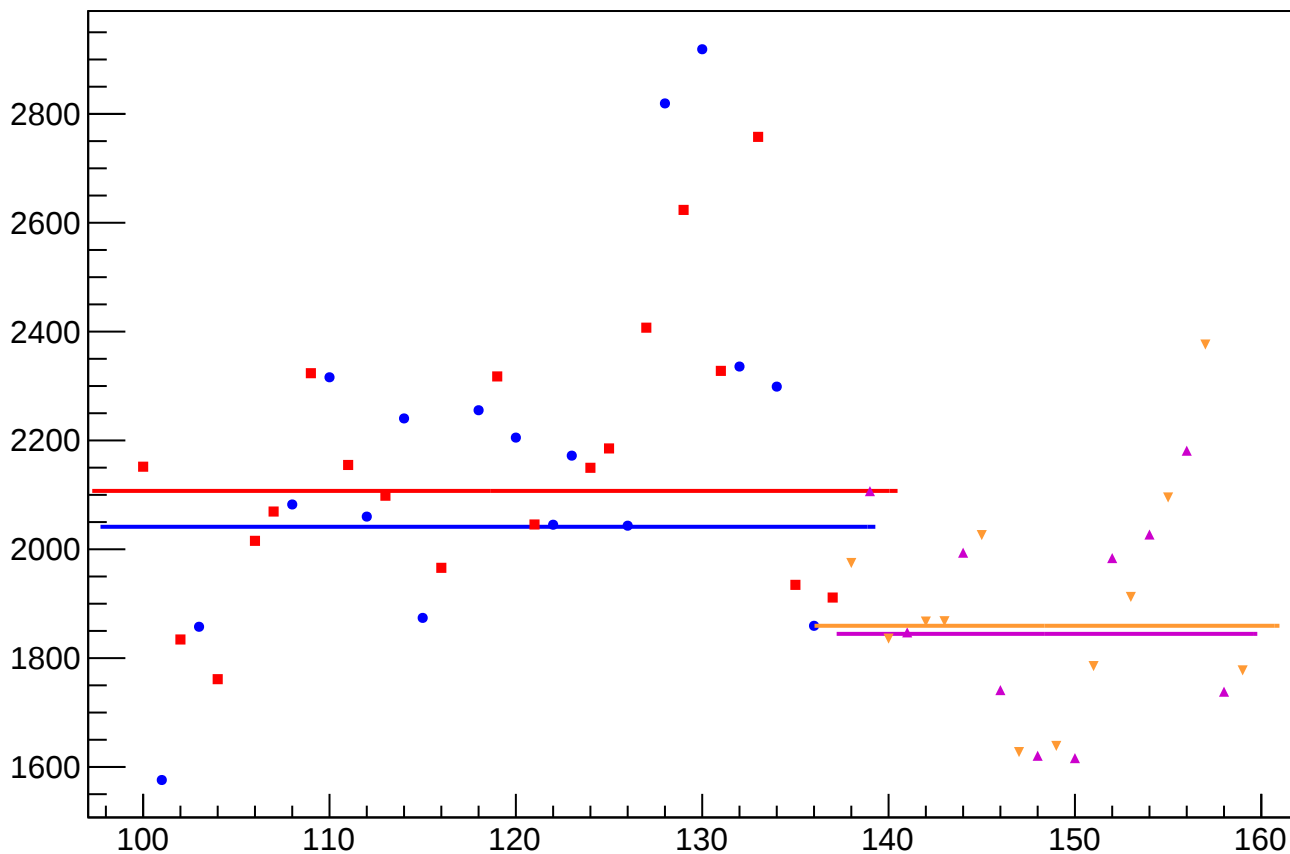
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

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

Out: 1843.844+/-489.437 χ^2/NDF : 25.4/30

All: 2141.619+/-350.523 χ^2/NDF : 51.7/57

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1859.445 $\pm$ 0.439 χ^2 /NDF:177051.4/11

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1844.588 $\pm$ 0.456 χ^2 /NDF:170464.3/9

Left: 1852.306 $\pm$ 0.316 χ^2 /NDF: 348066.2/21

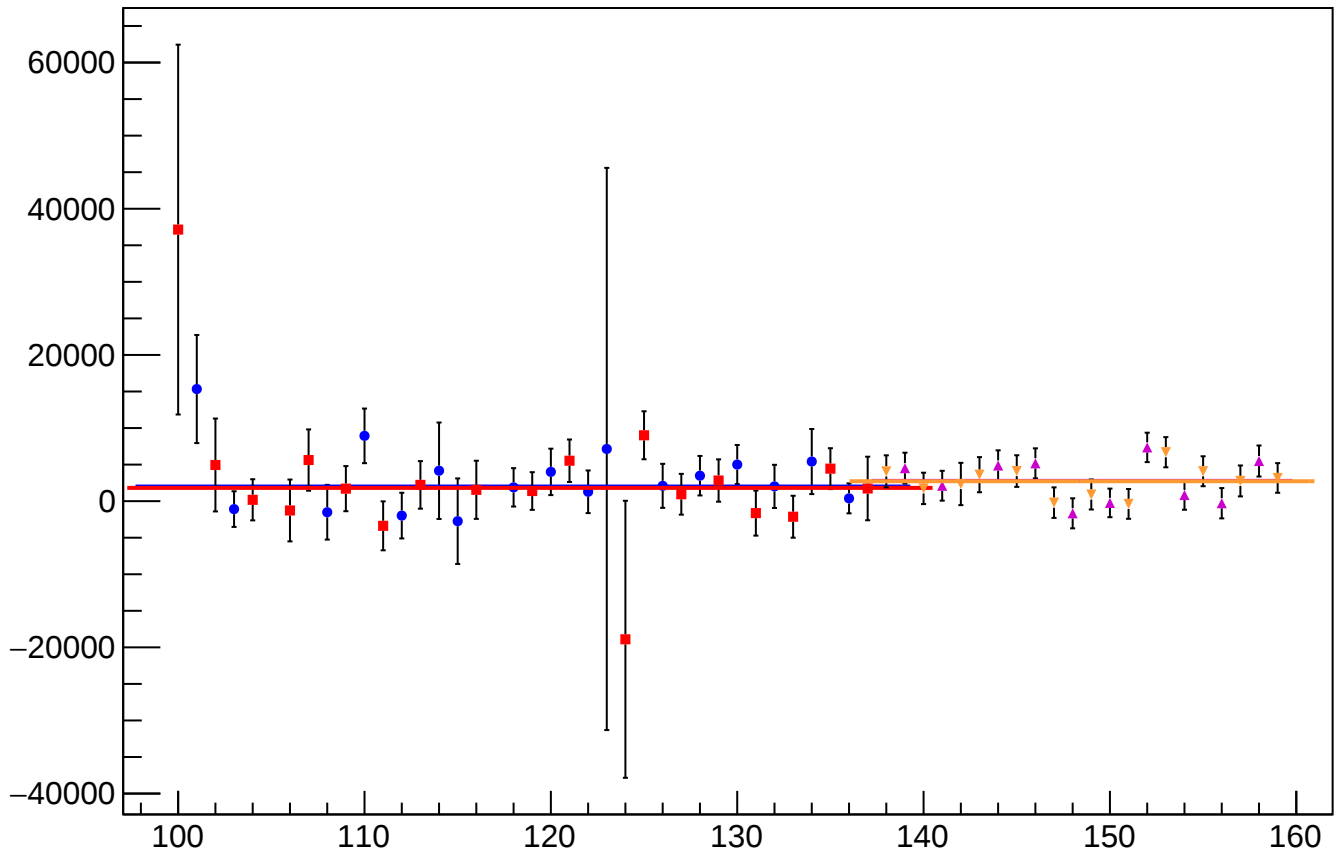
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1922.206 $\pm$ 0.355 χ^2 /NDF:582223.3/26

Out: 1953.205 $\pm$ 0.346 χ^2 /NDF:494441.6/30

All: 1938.106 $\pm$ 0.248 χ^2 /NDF: 1080572.7/57

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2725.724+/-622.782 χ^2/NDF : 10.4/11

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 2771.964+/-648.259 χ^2/NDF : 20.1/9

Left: 2747.918+/-449.110 χ^2/NDF : 30.6/21

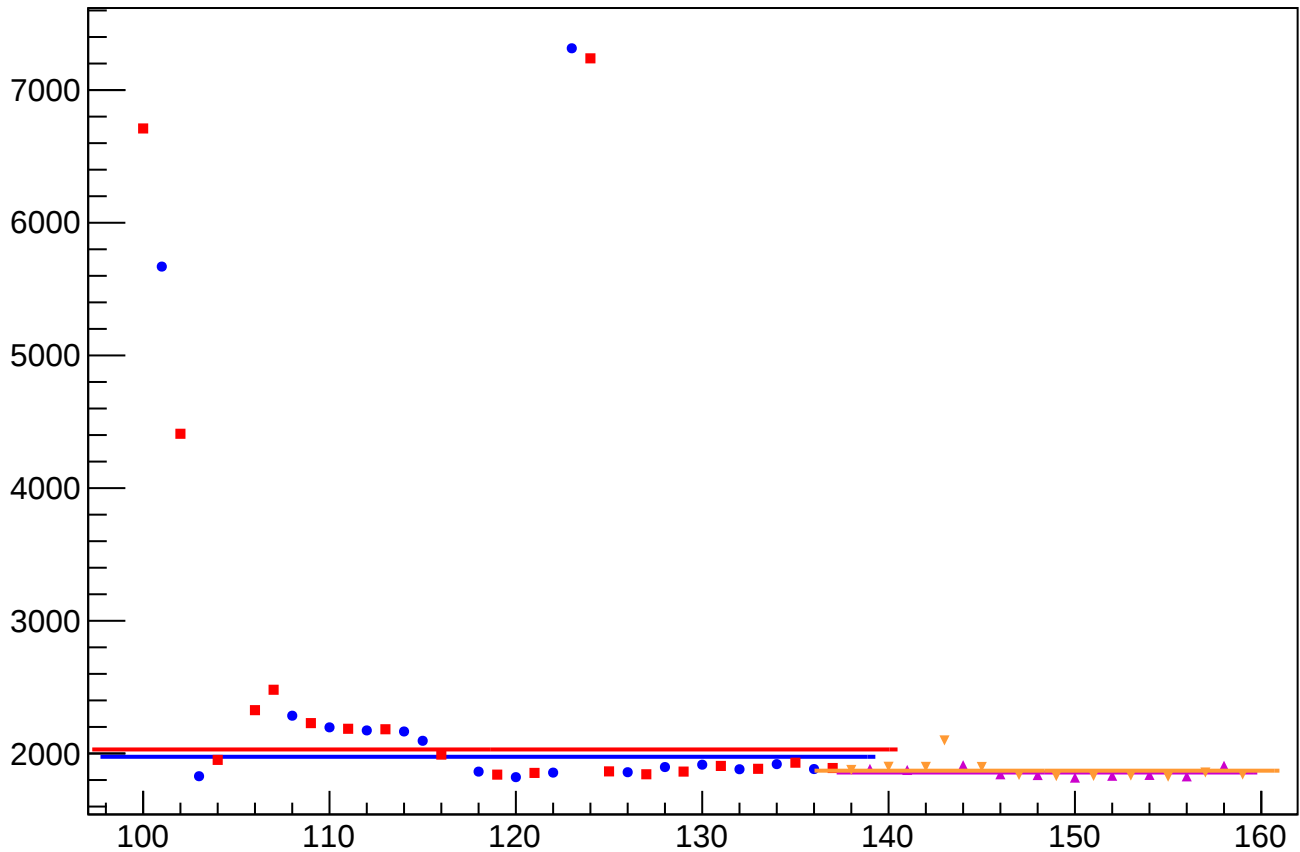
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

Out: 2372.201+/-487.036 χ^2/NDF : 29.5/30

All: 2413.728+/-348.530 χ^2/NDF : 65.0/57

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1870.371+/-0.440 χ^2/NDF : 23110.6/11

Right Out: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

Left In: 1856.541+/-0.458 χ^2/NDF : 4950.3/9

Left: 1863.733+/-0.318 χ^2/NDF : 28534.2/21

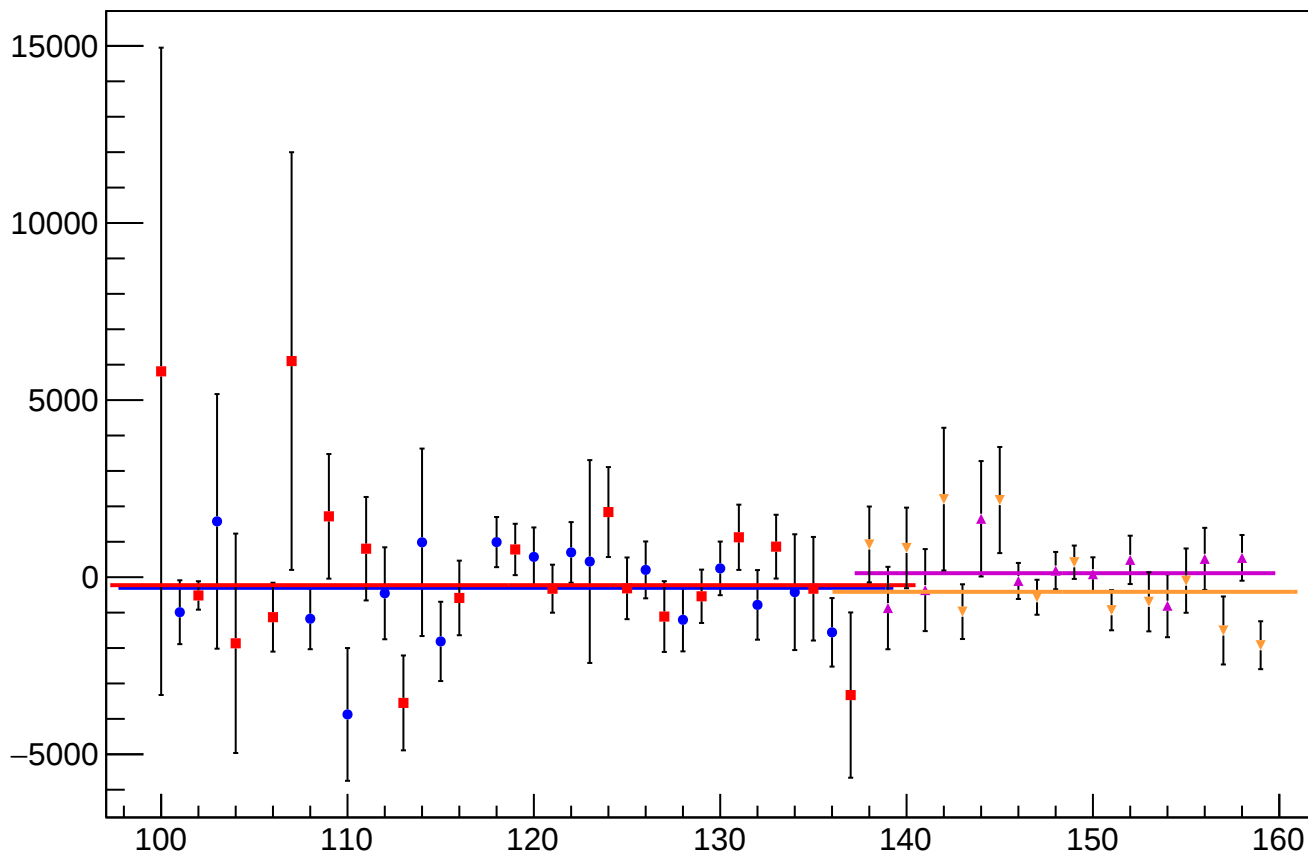
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1932.508+/-0.344 χ^2/NDF : 678290.6/30

All: 1919.020+/-0.246 χ^2/NDF : 1313483.6/57

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -412.251 ± 214.948 χ^2/NDF : 18.5/11

Right Out: -225.432 ± 215.564 χ^2/NDF : 22.2/18

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

Left: -154.388 ± 153.393 χ^2/NDF : 25.5/21

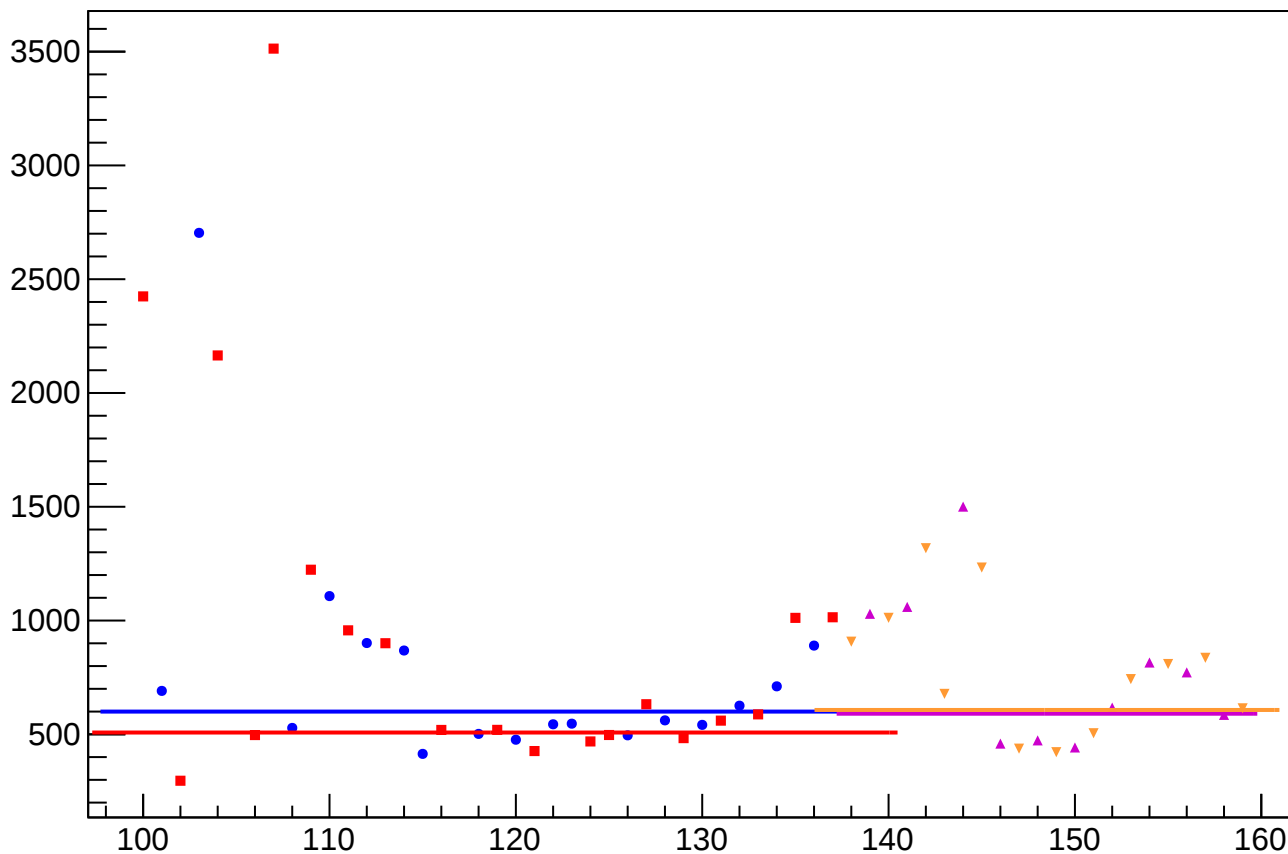
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

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

Out: -319.109 ± 152.209 χ^2/NDF : 41.1/30

All: -203.142 ± 111.482 χ^2/NDF : 65.3/57

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.083+/-0.152 χ^2/NDF : 1903400.3/11

Right Out: 507.943+/-0.152 χ^2/NDF : 2848884.0/18

Left In: 590.635+/-0.155 χ^2/NDF : 1881117.1/9

Left: 599.011+/-0.108 χ^2/NDF : 3790264.4/21

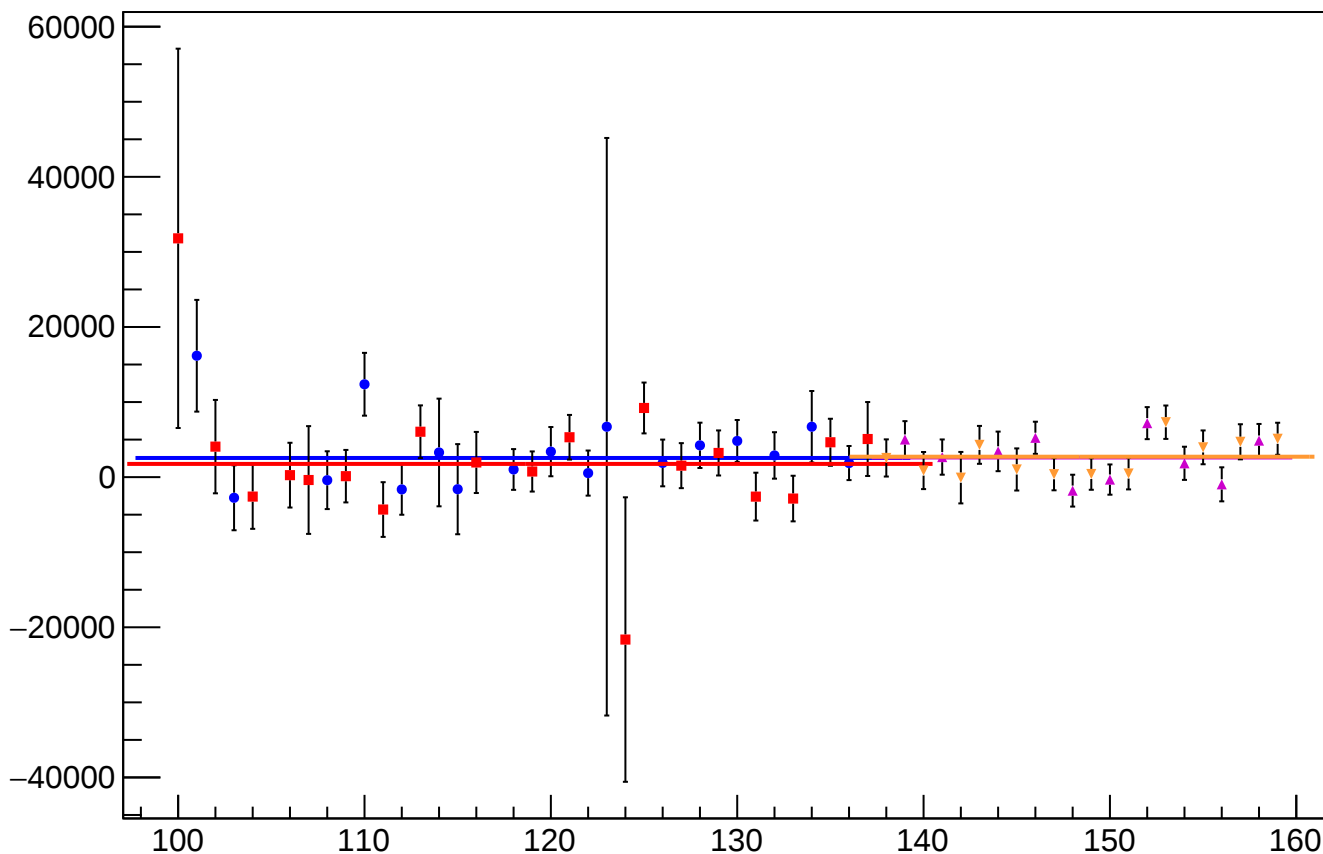
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

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

Out: 557.655+/-0.108 χ^2/NDF : 4964408.8/30

All: 574.847+/-0.079 χ^2/NDF : 8283216.5/57

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2720.920 $\pm$ 679.708 χ^2 /NDF:12.0/11

Right Out: 1761.499 $\pm$ 854.672 χ^2 /NDF: 20.9/18

Left In: 2617.510 $\pm$ 706.708 χ^2 /NDF:17.3/9

Left: 2671.228 $\pm$ 489.893 χ^2 /NDF: 29.3/21

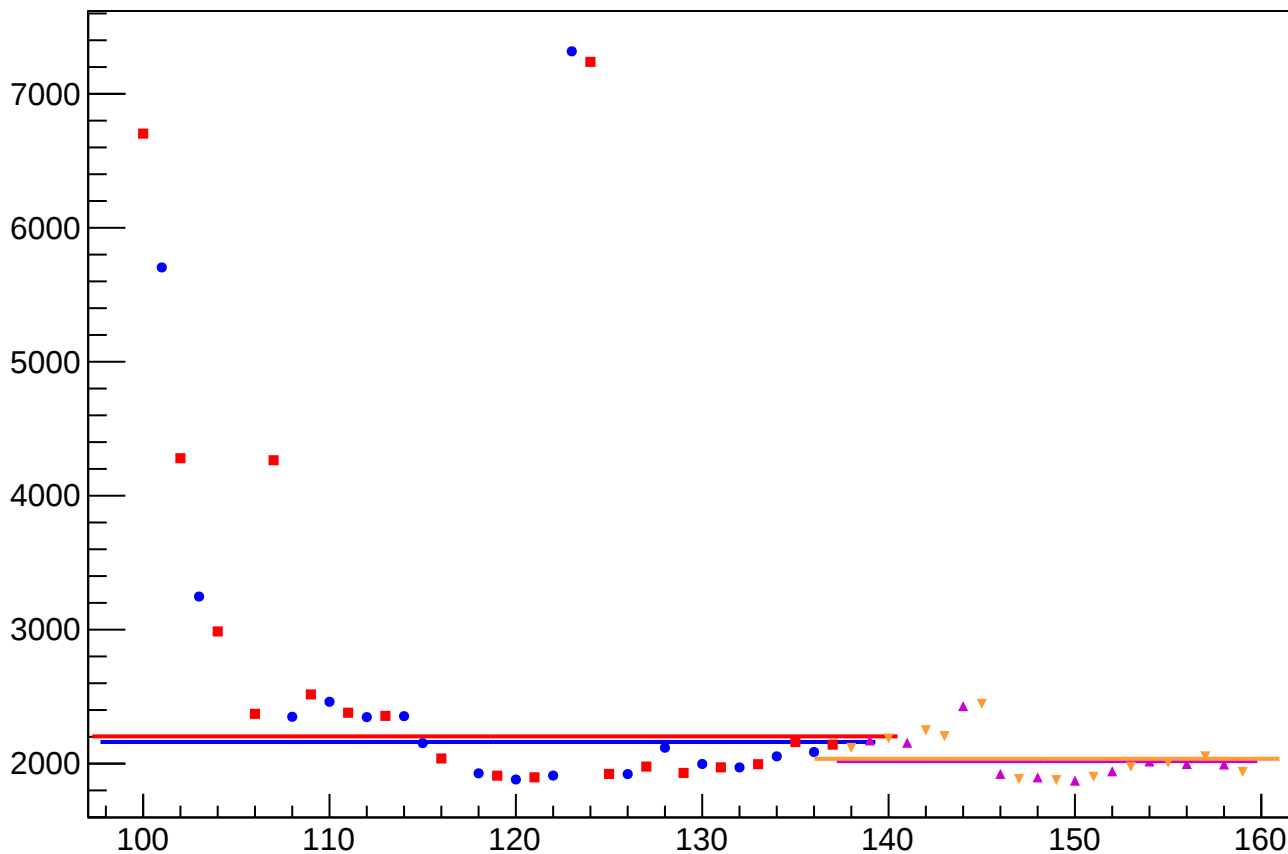
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 2349.207 $\pm$ 531.984 χ^2 /NDF:33.7/30

All: 2467.367 $\pm$ 380.935 χ^2 /NDF: 66.8/57

asym_at1_avg_rms vs Slug, Sign Corrected



Left: 2027.614 ± 0.346 , $\chi^2/\text{NDF}: 192681.6/21$

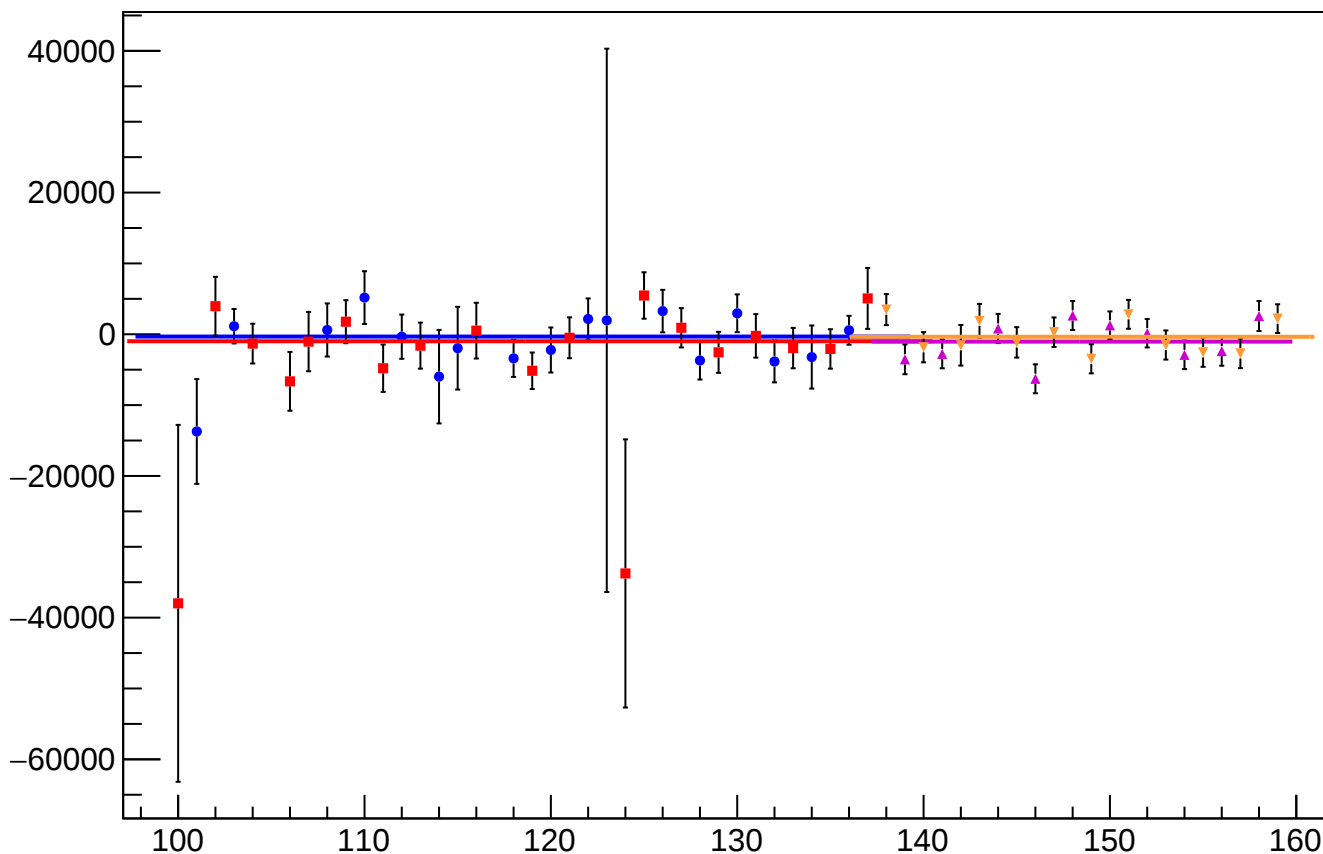
Right: 2182.484 ± 0.428 , $\chi^2/\text{NDF}: 1511040.8/35$

In: 2076.303 ± 0.386 , $\chi^2/\text{NDF}: 831504.6/26$

Out: 2100.760 ± 0.376 , $\chi^2/\text{NDF}: 949181.2/30$

All: 2088.843 ± 0.269 , $\chi^2/\text{NDF}: 1782745.5/57$

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -351.063+/-620.593 χ^2/NDF :13.9/11

Right Out: -985.900+/-769.924 χ^2/NDF : 20.4/18

Left In: -1038.119+/-646.462 χ^2/NDF :18.7/9

Left: -680.569+/-447.692 χ^2/NDF : 33.1/21

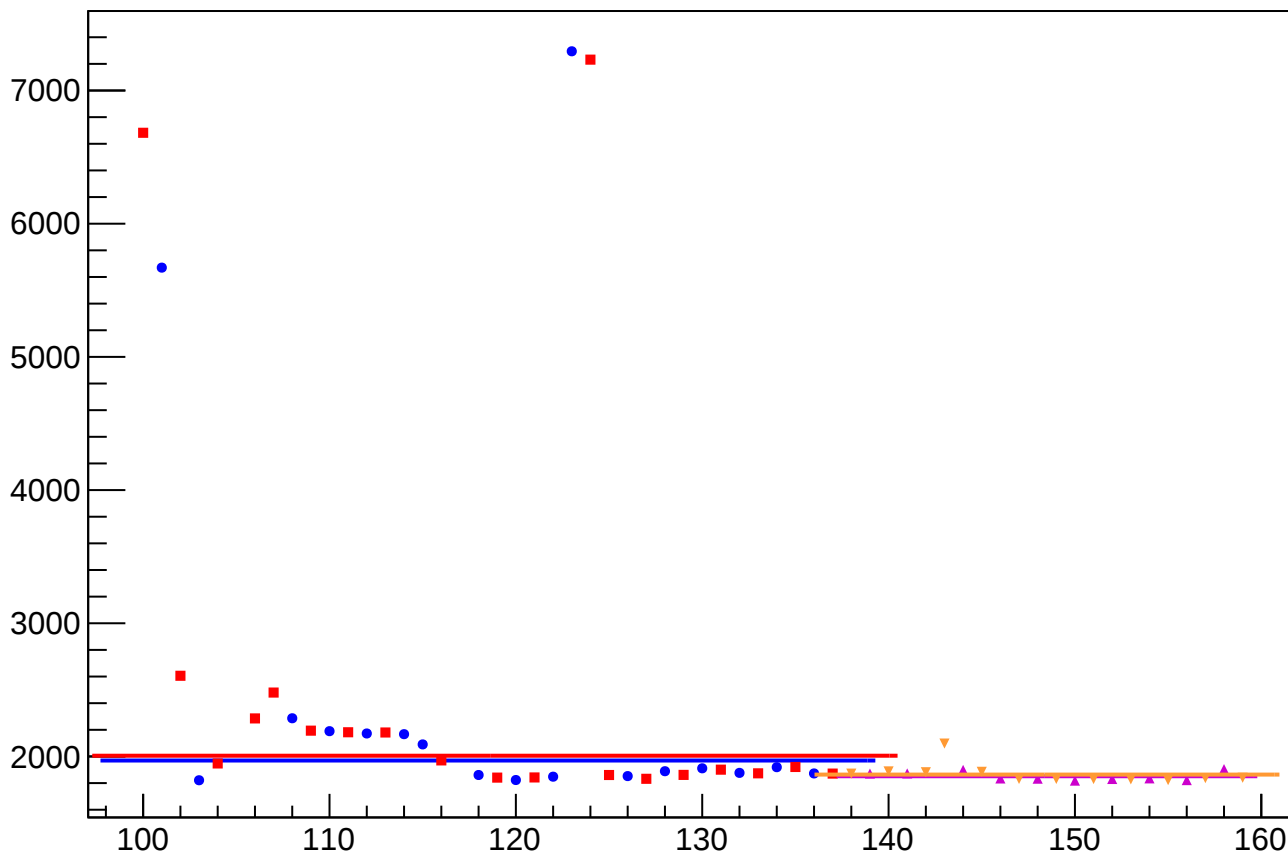
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -601.082+/-483.174 χ^2/NDF :34.6/30

All: -671.897+/-346.646 χ^2/NDF : 69.6/57

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1863.873+/-0.439 χ^2 /NDF:22941.1/11

Right Out: 2005.551+/-0.544 χ^2 /NDF: 359644.9/18

Left In: 1851.473+/-0.457 χ^2 /NDF:4327.7/9

Left: 1857.926+/-0.317 χ^2 /NDF: 27651.8/21

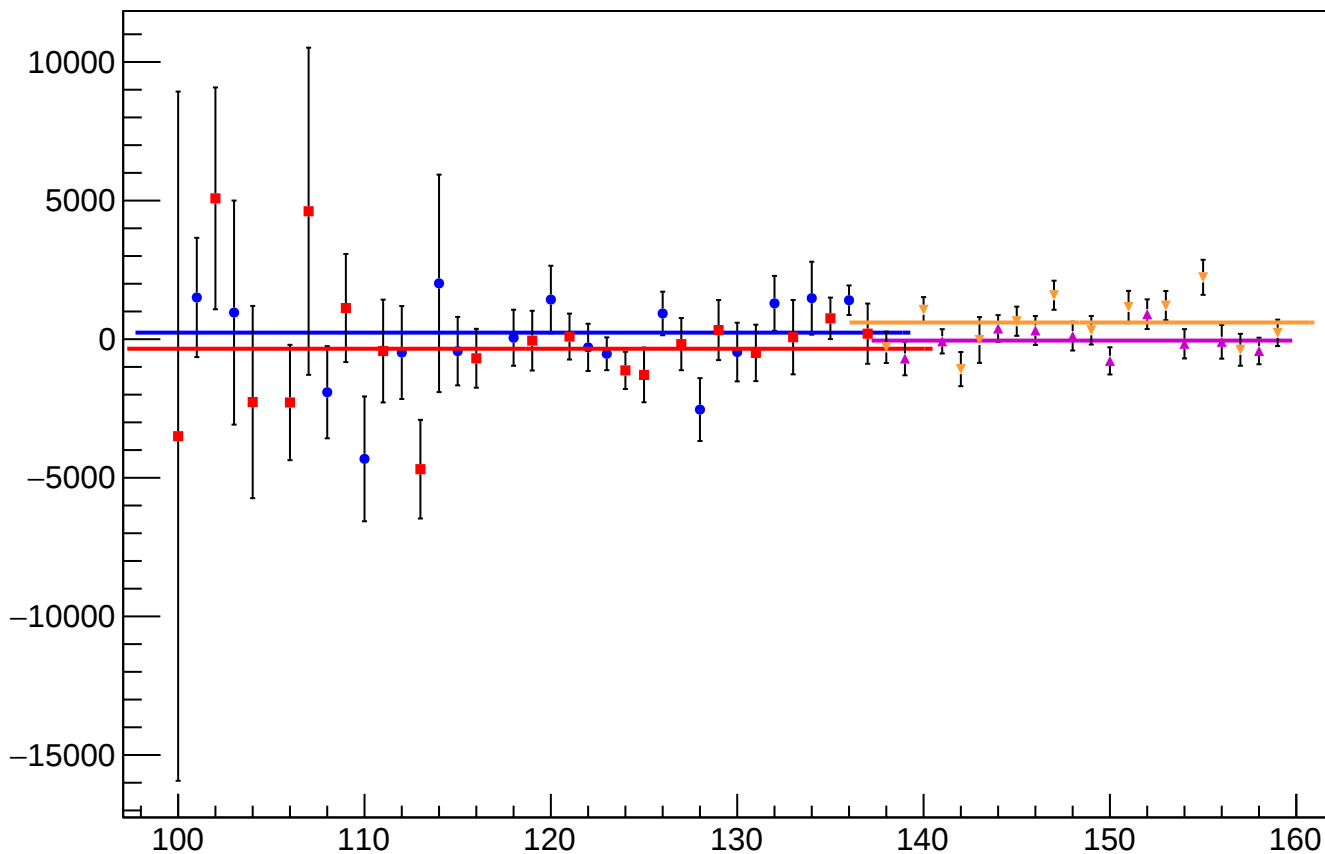
Right: 1987.746+/-0.387 χ^2 /NDF: 964621.5/35

In: 1899.567+/-0.352 χ^2 /NDF:634302.3/26

Out: 1919.670+/-0.342 χ^2 /NDF:423638.1/30

All: 1909.915+/-0.245 χ^2 /NDF: 1059620.6/57

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 602.820 $\pm$ 159.075 χ^2 /NDF:27.8/11

Right Out: -344.268 $\pm$ 268.517 χ^2 /NDF: 16.0/18

Left In: -49.429 $\pm$ 162.404 χ^2 /NDF:8.6/9

Left: 283.448 $\pm$ 113.642 χ^2 /NDF: 44.7/21

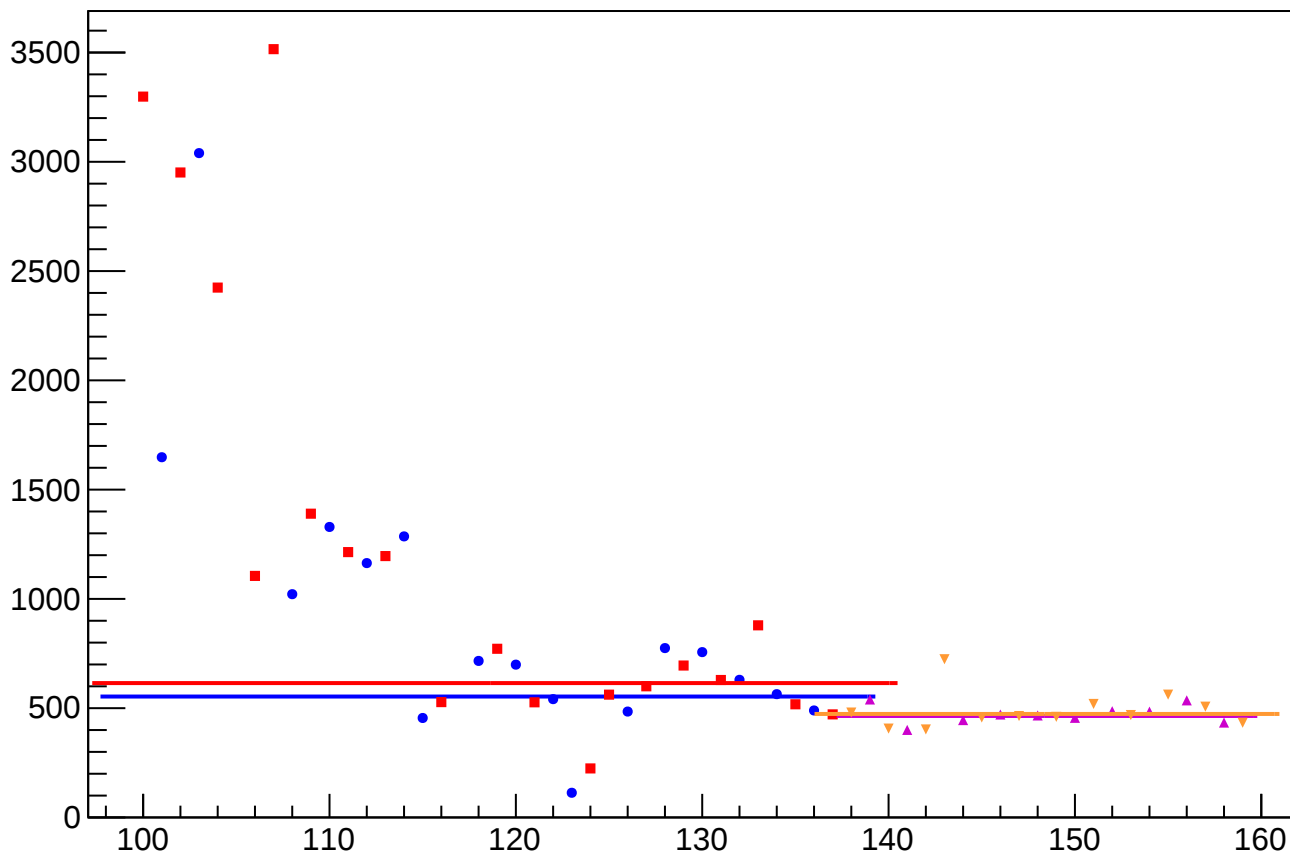
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: 356.779 $\pm$ 136.861 χ^2 /NDF:53.0/30

All: 195.436 $\pm$ 96.456 χ^2 /NDF: 89.2/57

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 473.573+/-0.112 χ^2/NDF : 329941.4/11

Right Out: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

Left In: 464.359+/-0.115 χ^2/NDF : 119259.0/9

Left: 469.061+/-0.080 χ^2/NDF : 452485.9/21

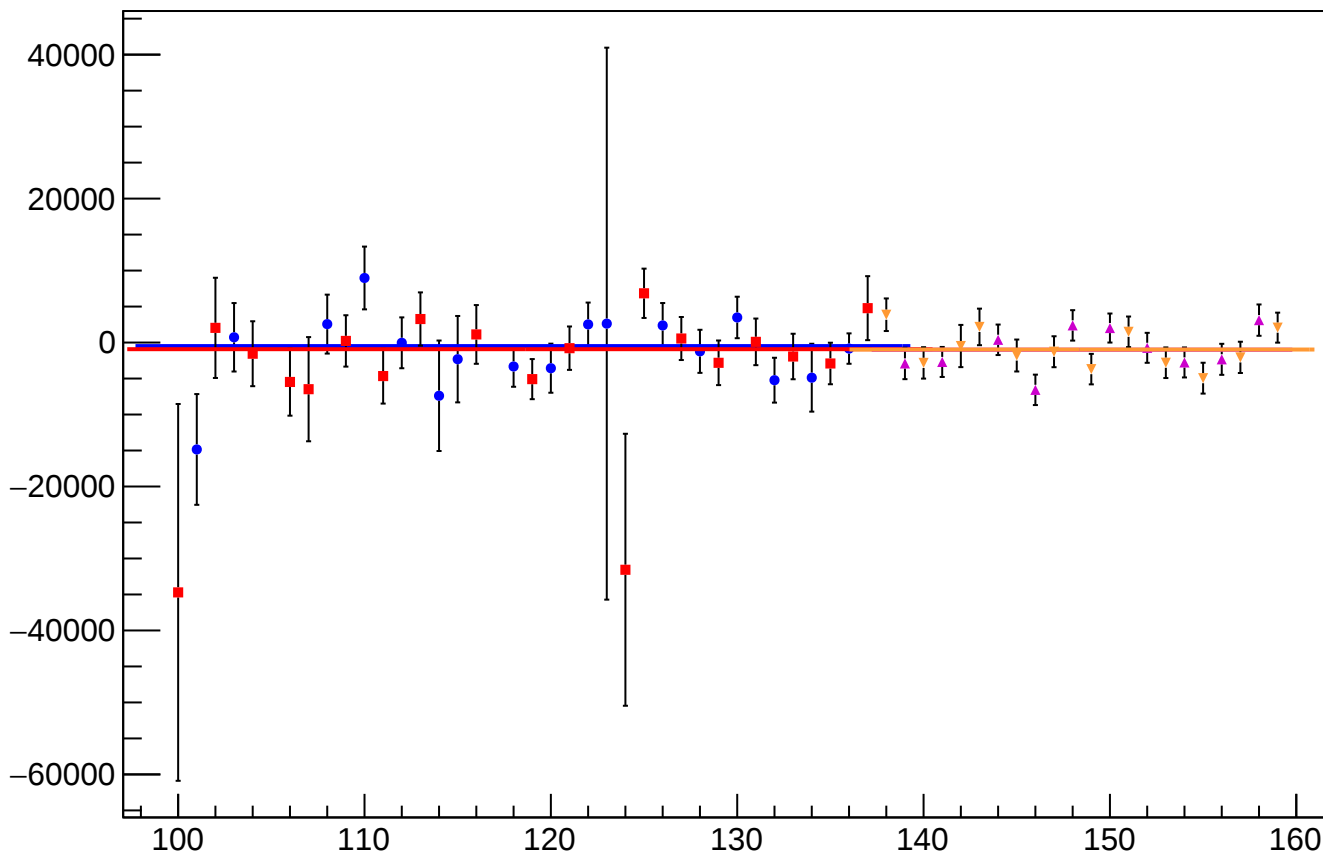
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 490.956+/-0.096 χ^2/NDF : 3711346.5/26

Out: 510.269+/-0.097 χ^2/NDF : 4309244.6/30

All: 500.549+/-0.068 χ^2/NDF : 8040636.7/57

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -969.897+/-642.599 χ^2/NDF :16.6/11

Right Out: -921.907+/-868.662 χ^2/NDF : 18.9/18

Left In: -995.688+/-667.590 χ^2/NDF :18.3/9

Left: -982.301+/-462.969 χ^2/NDF : 34.9/21

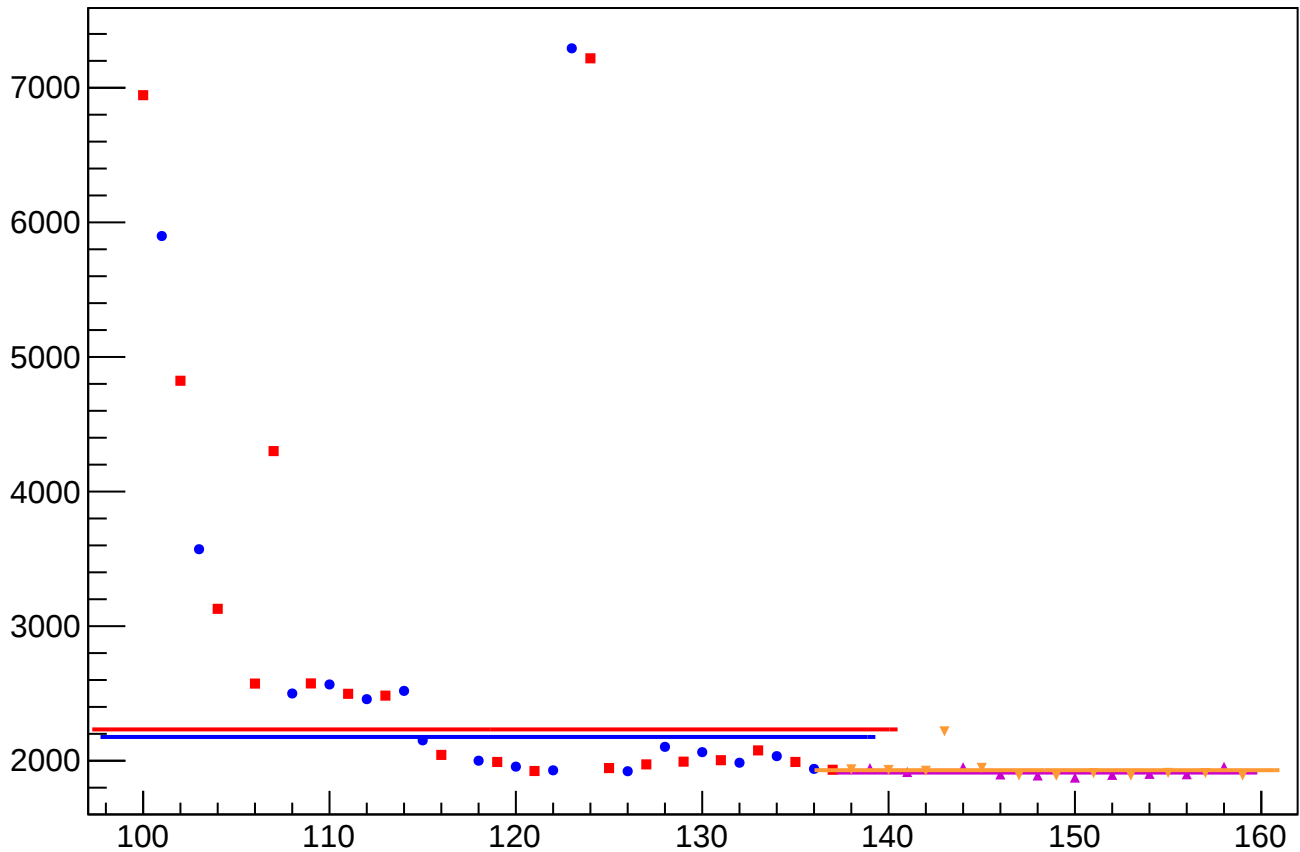
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

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

Out: -952.924+/-516.608 χ^2/NDF :35.5/30

All: -882.425+/-369.660 χ^2/NDF : 72.6/57

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1929.878 $\pm$ 0.454 χ^2/NDF : 29376.9/11

Right Out: 2232.883 $\pm$ 0.614 χ^2/NDF : 890552.7/18

Left In: 1912.279 $\pm$ 0.472 χ^2/NDF : 3197.5/9

Left: 1921.414 $\pm$ 0.327 χ^2/NDF : 33295.7/21

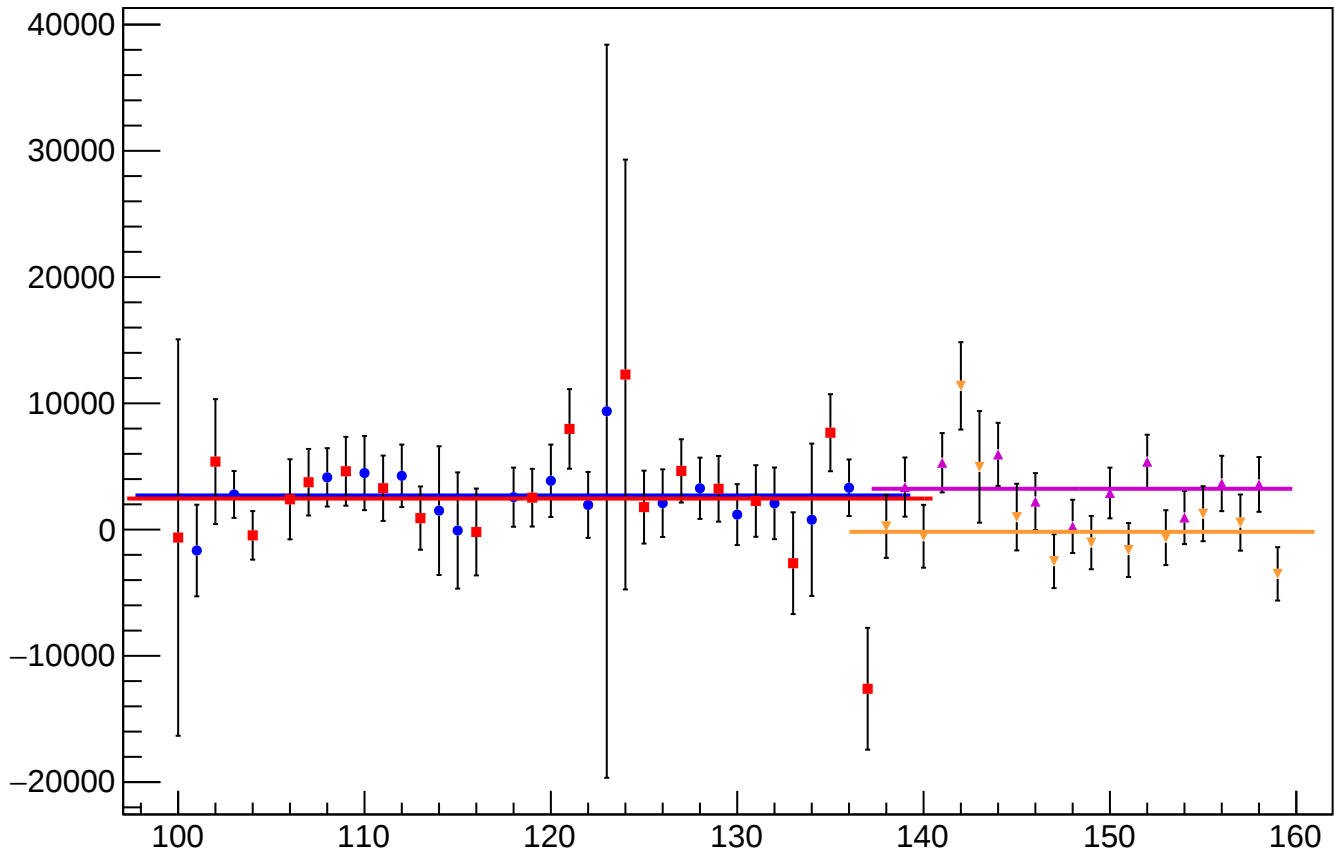
Right: 2204.793 $\pm$ 0.434 χ^2/NDF : 1697410.2/35

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

Out: 2037.048 $\pm$ 0.365 χ^2/NDF : 1077209.6/30

All: 2024.130 $\pm$ 0.261 χ^2/NDF : 2002308.1/57

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -176.810 $\pm$ 688.269 χ^2 /NDF:17.6/11

Right Out: 2458.734 $\pm$ 682.630 χ^2 /NDF: 23.2/18

Left In: 3232.625 $\pm$ 697.159 χ^2 /NDF:6.4/9

Left: 1506.030 $\pm$ 489.793 χ^2 /NDF: 36.2/21

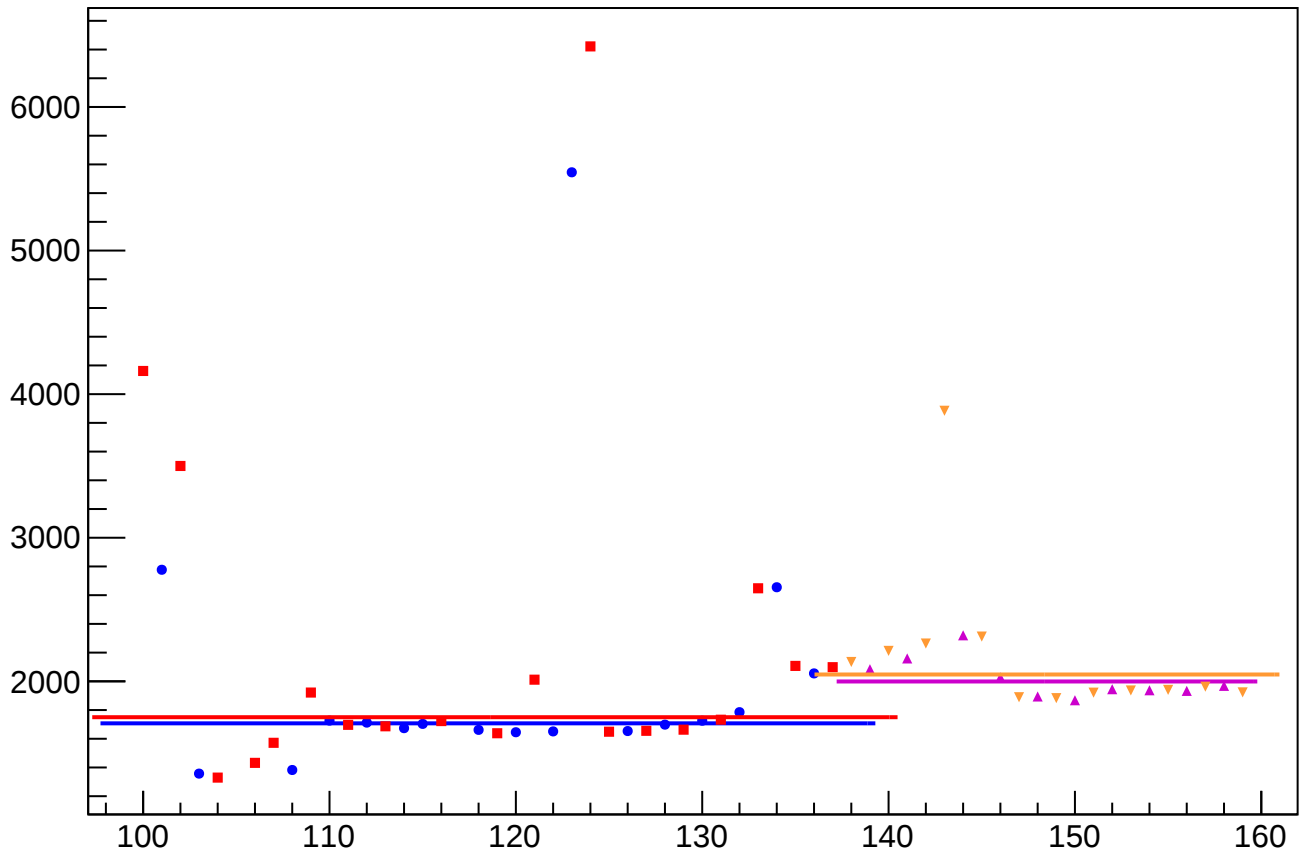
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 1151.802 $\pm$ 484.674 χ^2 /NDF:48.3/30

All: 2055.710 $\pm$ 342.666 χ^2 /NDF: 66.0/57

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2047.587 ± 0.487 $\chi^2/\text{NDF}: 434323.5/11$

Right Out: 1750.114 ± 0.483 $\chi^2/\text{NDF}: 746498.0/18$

Left In: 1998.945 ± 0.493 $\chi^2/\text{NDF}: 63772.6/9$

Left: 2023.578 ± 0.346 $\chi^2/\text{NDF}: 503026.5/21$

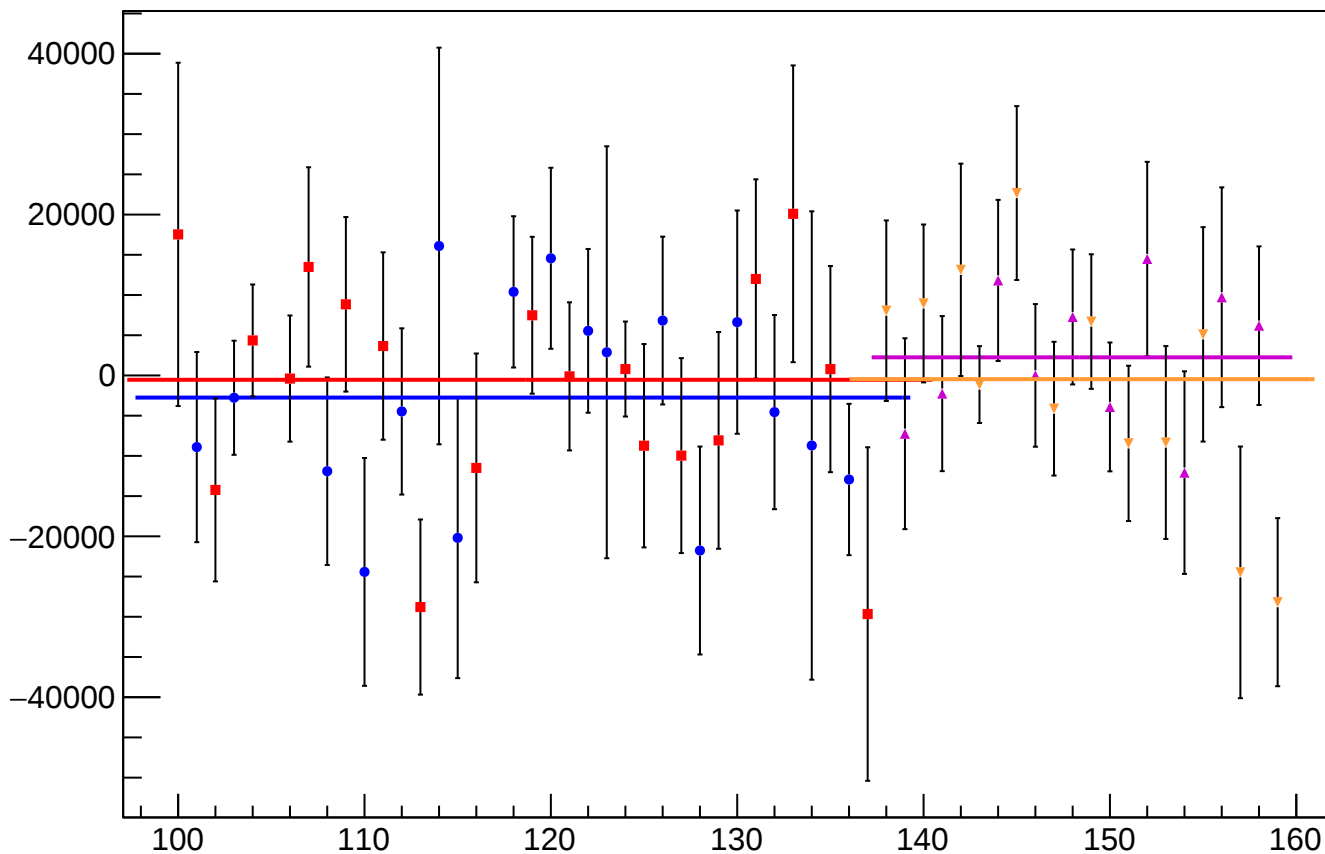
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1848.220 ± 0.343 $\chi^2/\text{NDF}: 666772.0/26$

Out: 1897.586 ± 0.343 $\chi^2/\text{NDF}: 1369209.4/30$

All: 1872.900 ± 0.242 $\chi^2/\text{NDF}: 2046360.1/57$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -460.966 $\pm$ 2656.482 χ^2/NDF : 18.8/11

Right Out: -538.445 $\pm$ 2424.977 χ^2/NDF : 18.5/18

Left In: 2253.044 $\pm$ 3175.599 χ^2/NDF : 5.6/9

Left: 656.362 $\pm$ 2037.560 χ^2/NDF : 24.8/21

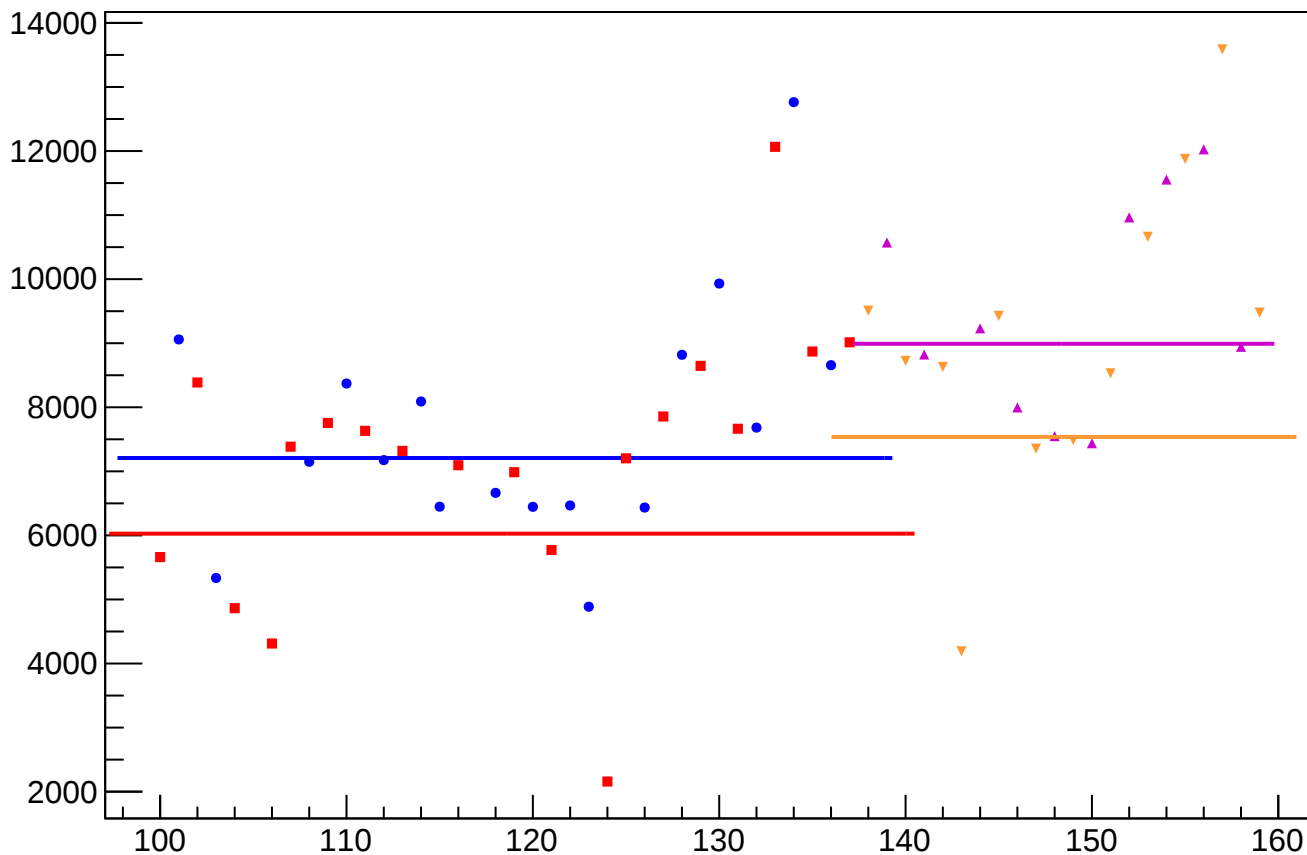
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

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

Out: -503.228 $\pm$ 1790.980 χ^2/NDF : 37.2/30

All: -512.322 $\pm$ 1367.561 χ^2/NDF : 58.8/57

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7536.970 $\pm$ 1.878 χ^2 /NDF: 1884218.5/11

Right Out: 6027.409 $\pm$ 1.715 χ^2 /NDF: 1798157.6/18

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

Left: 8135.754 $\pm$ 1.441 χ^2 /NDF: 2562682.9/21

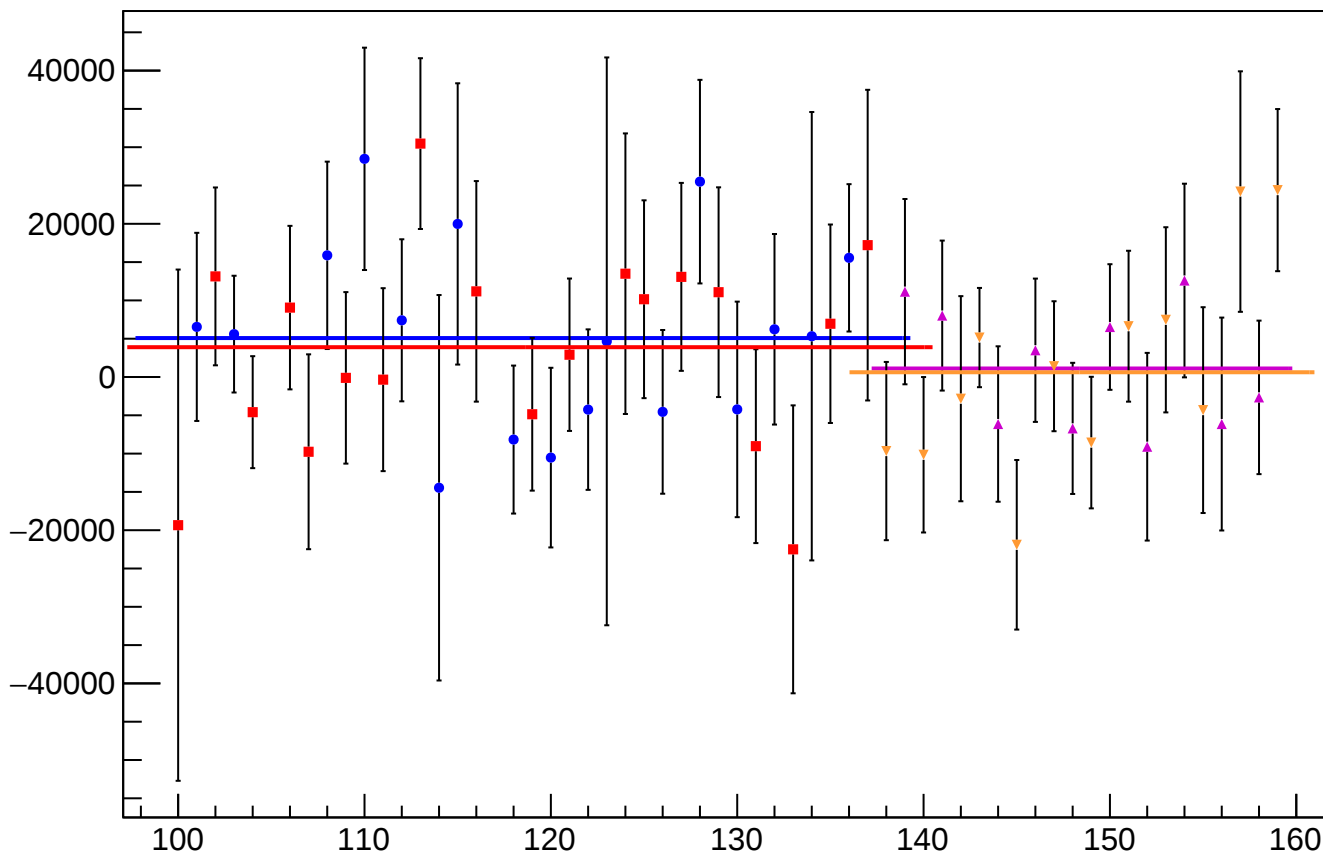
Right: 6524.876 $\pm$ 1.304 χ^2 /NDF: 2491712.1/35

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

Out: 6713.559 $\pm$ 1.266 χ^2 /NDF: 4034652.7/30

All: 7250.540 $\pm$ 0.967 χ^2 /NDF: 5741337.1/57

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 620.306+/-2913.691 χ^2/NDF : 15.9/11

Right Out: 3892.007+/-2790.271 χ^2/NDF : 15.7/18

Left In: 1111.051+/-3244.567 χ^2/NDF : 5.0/9

Left: 839.387+/-2167.861 χ^2/NDF : 20.9/21

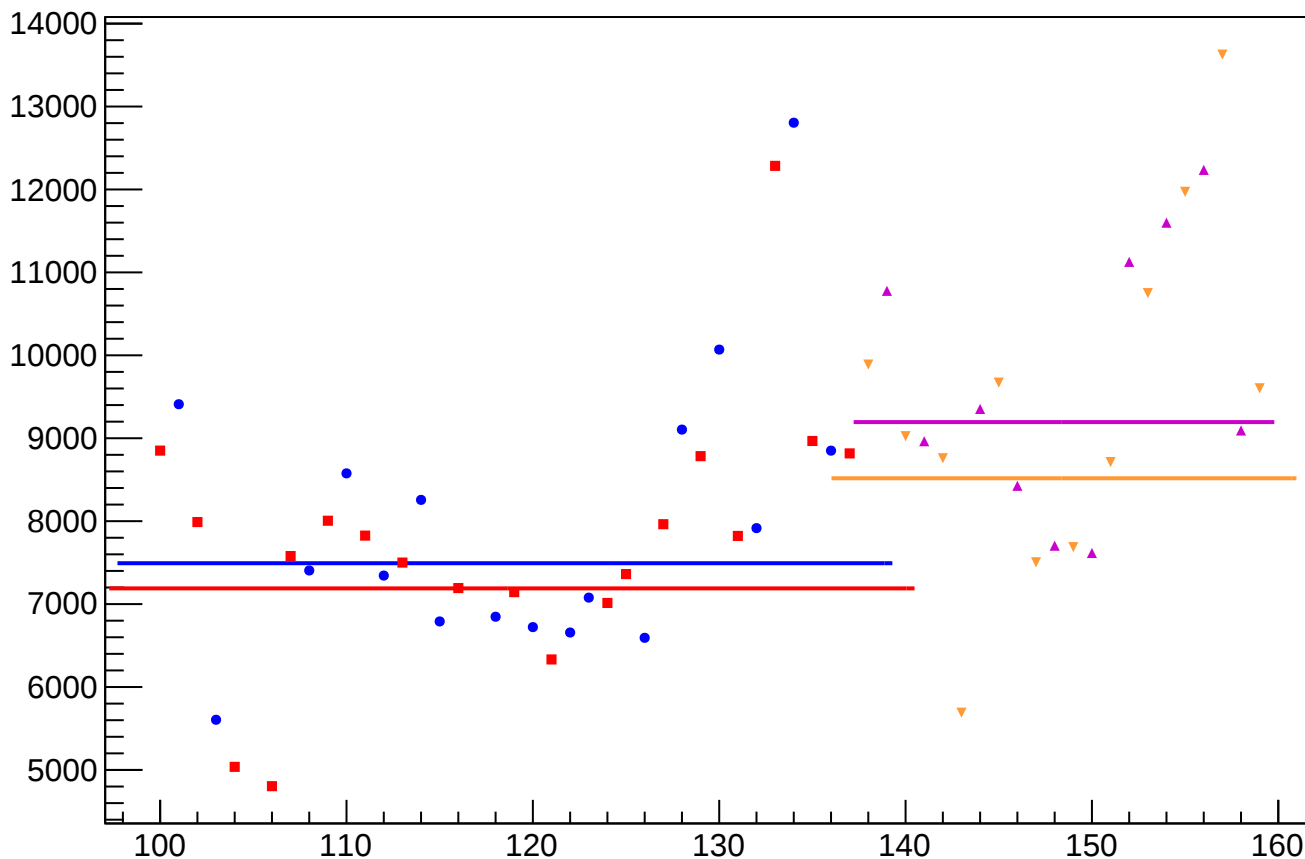
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

Out: 2326.915+/-2015.239 χ^2/NDF : 32.2/30

All: 2766.359+/-1481.315 χ^2/NDF : 52.1/57

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8517.281+/-2.060 χ^2/NDF : 917176.2/11

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

Left In: 9194.840+/-2.294 χ^2/NDF : 402244.5/9

Left: 8819.761+/-1.533 χ^2/NDF : 1367702.8/21

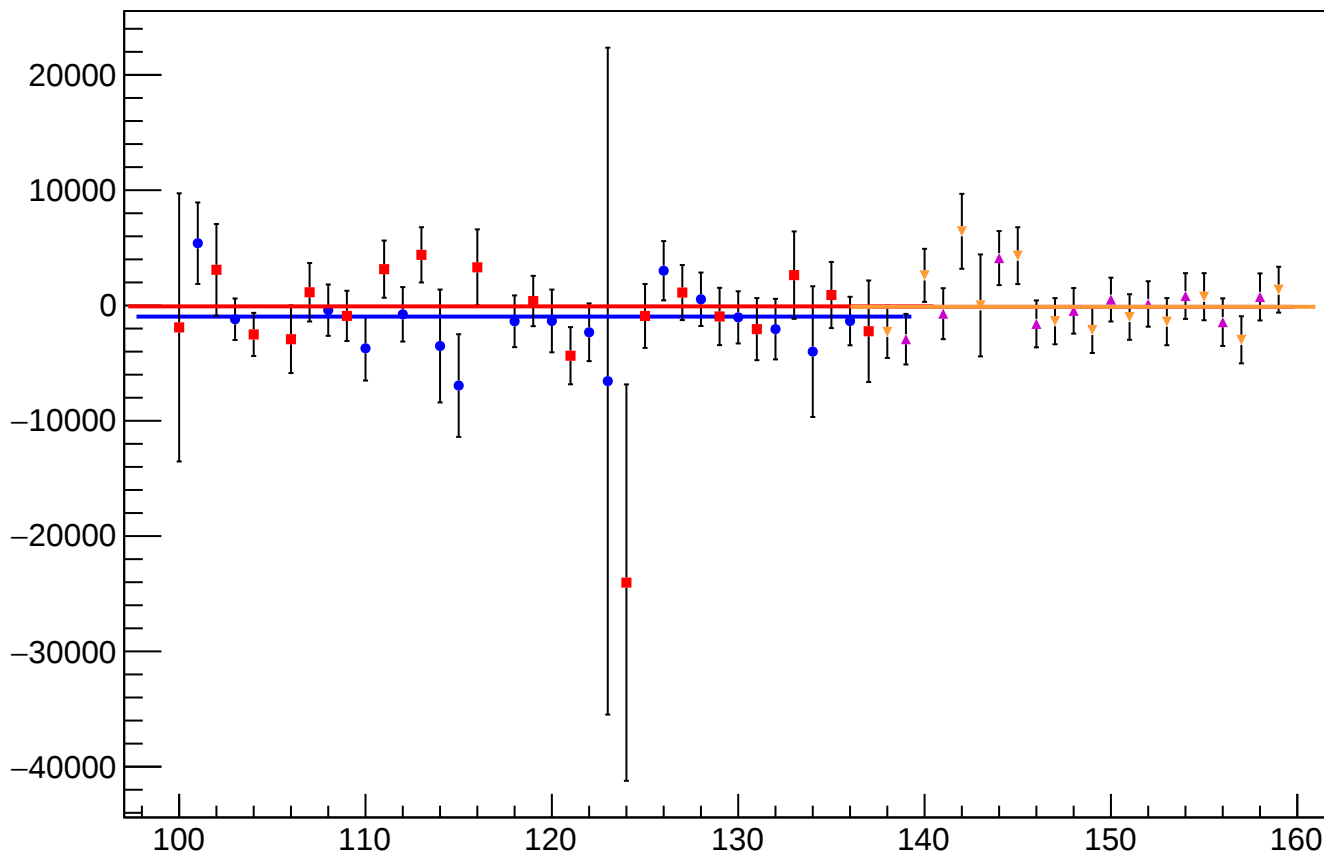
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

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

Out: 7824.591+/-1.425 χ^2/NDF : 1694744.1/30

All: 8026.851+/-1.047 χ^2/NDF : 2878686.3/57

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -114.569+/-642.600 χ^2/NDF :14.3/11

Right Out: -76.747+/-633.483 χ^2/NDF : 16.7/18

Left In: -120.524+/-651.537 χ^2/NDF :6.5/9

Left: -117.505+/-457.514 χ^2/NDF : 20.8/21

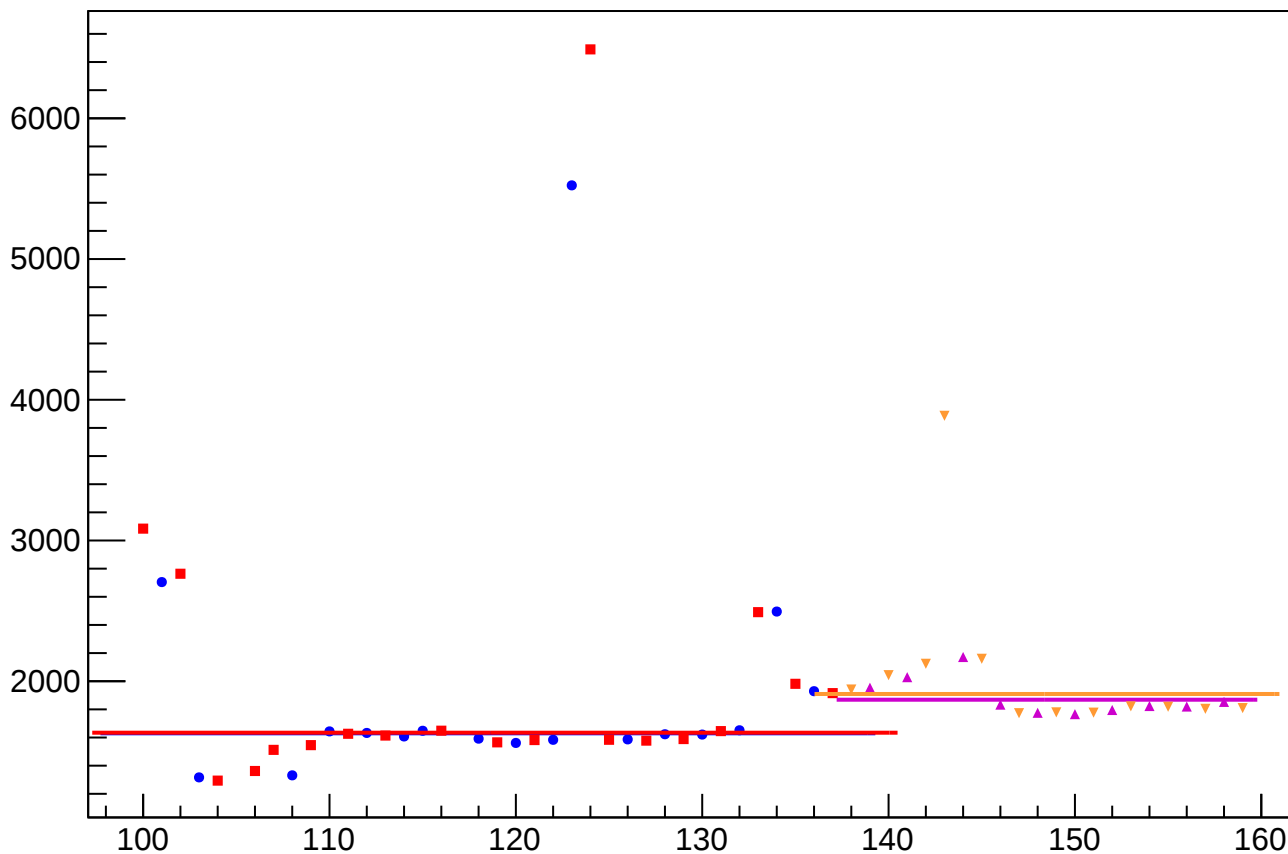
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -547.069+/-457.667 χ^2/NDF :17.4/26

Out: -95.388+/-451.129 χ^2/NDF :31.1/30

All: -317.979+/-321.283 χ^2/NDF : 48.9/57

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 $\pm$ 0.455 χ^2 /NDF: 408151.7/16

Left Out: 1909.365 $\pm$ 0.454 χ^2 /NDF: 480933.2/11

Right Out: 1634.258 $\pm$ 0.448 χ^2 /NDF: 588649.4/18

Left In: 1868.630 $\pm$ 0.461 χ^2 /NDF: 62874.3/9

Left: 1889.279 $\pm$ 0.324 χ^2 /NDF: 547770.4/21

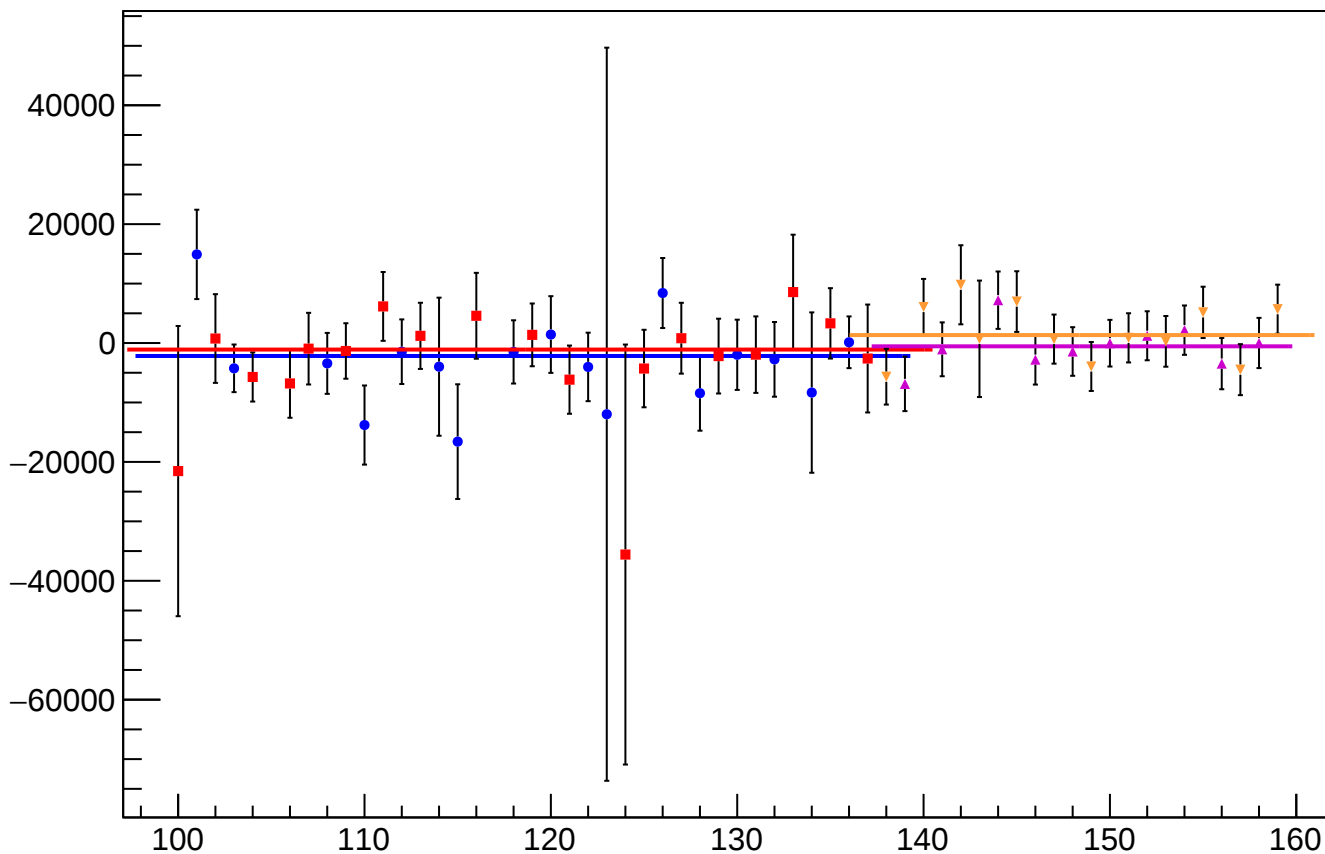
Right: 1632.138 $\pm$ 0.319 χ^2 /NDF: 996846.6/35

In: 1747.722 $\pm$ 0.324 χ^2 /NDF: 606986.8/26

Out: 1769.846 $\pm$ 0.319 χ^2 /NDF: 1255485.1/30

All: 1758.943 $\pm$ 0.227 χ^2 /NDF: 1864842.2/57

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1336.917+/-1336.966 χ^2/NDF : 11.6/11

Right Out: -1098.345+/-1439.820 χ^2/NDF : 9.3/18

Left In: -553.692+/-1351.416 χ^2/NDF : 5.9/9

Left: 401.774+/-950.445 χ^2/NDF : 18.5/21

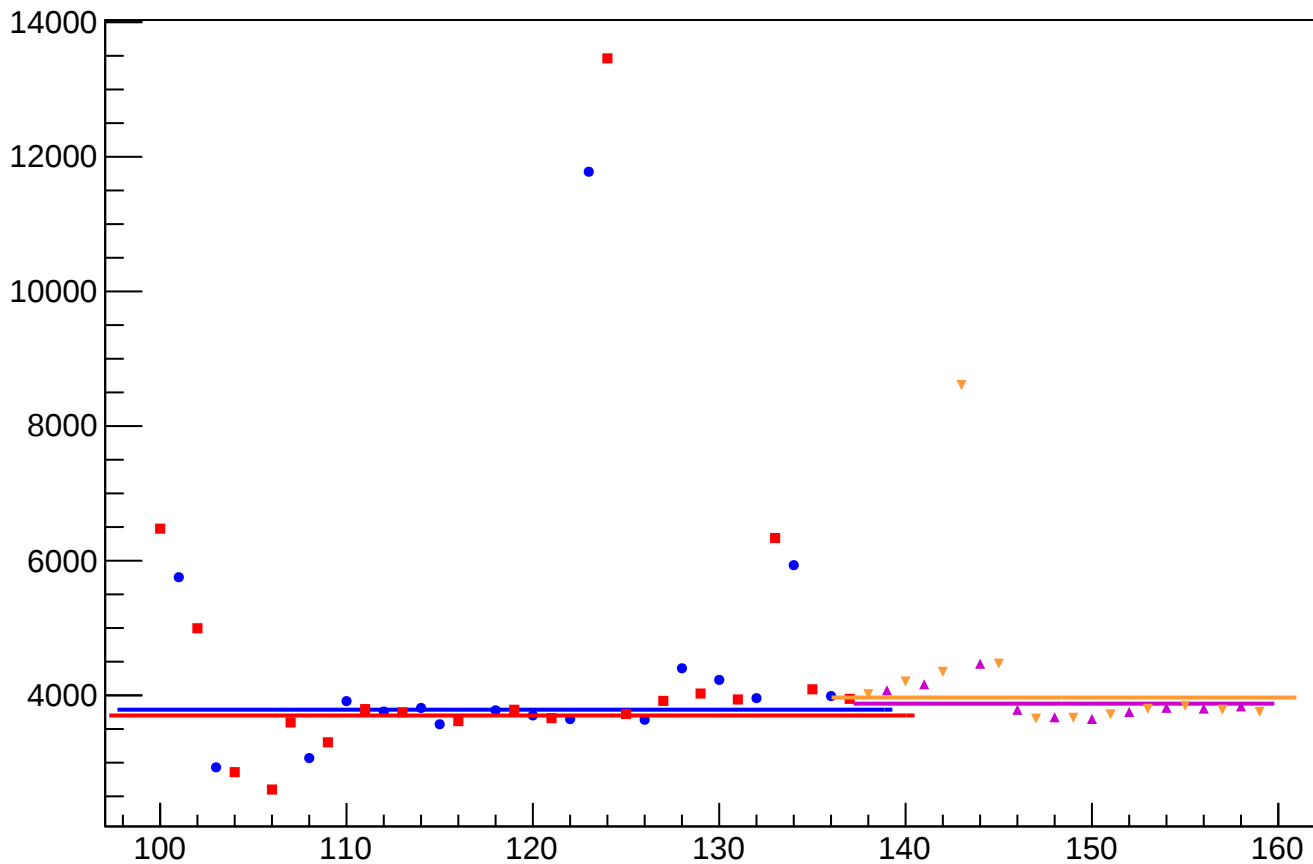
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1285.741+/-1001.929 χ^2/NDF : 22.6/26

Out: 209.366+/-979.723 χ^2/NDF : 22.4/30

All: -521.436+/-700.488 χ^2/NDF : 46.1/57

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3967.998+/-0.945 χ^2/NDF : 523286.4/11

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

Left In: 3876.599+/-0.956 χ^2/NDF : 57575.4/9

Left: 3922.790+/-0.672 χ^2/NDF : 585485.1/21

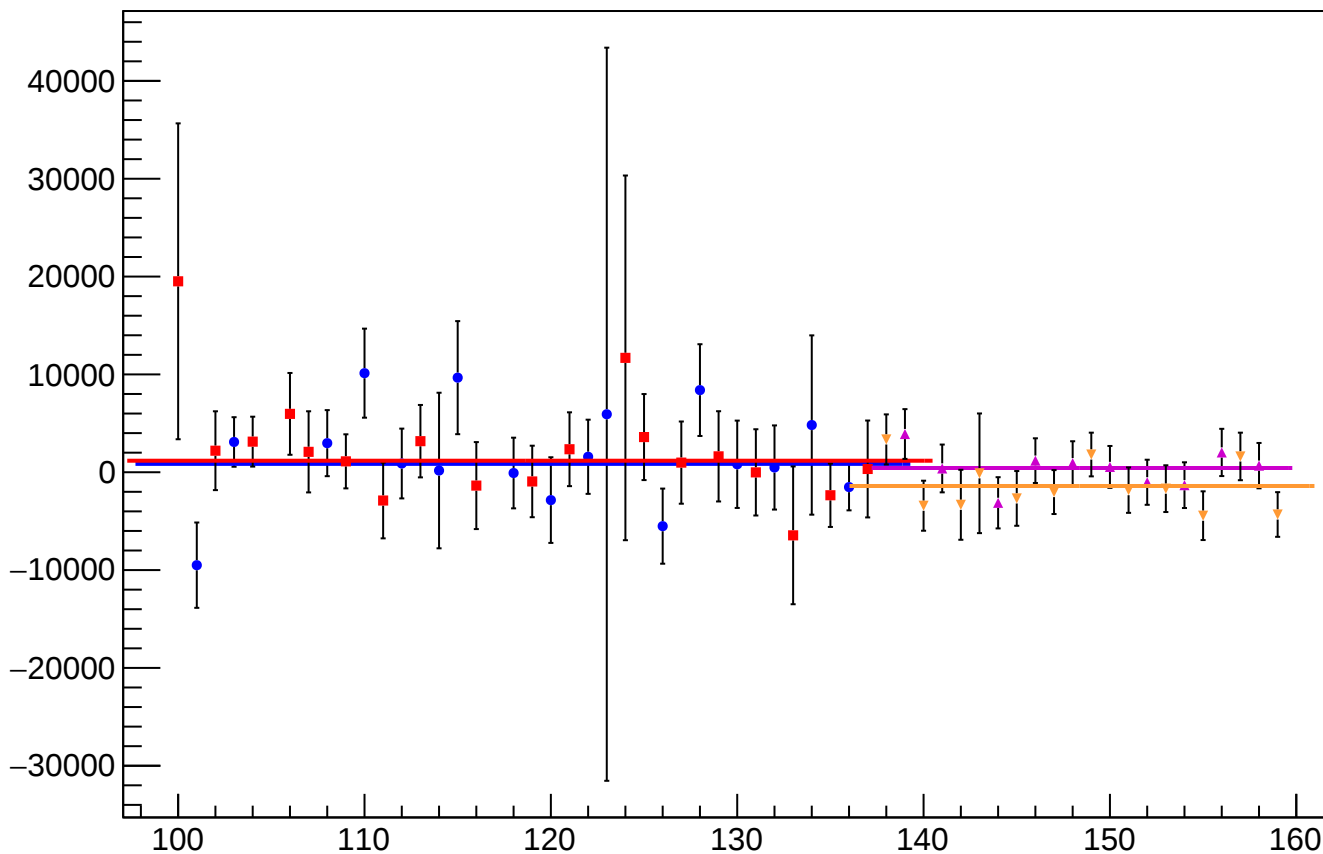
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3844.341+/-0.693 χ^2/NDF : 1141332.4/30

All: 3840.452+/-0.495 χ^2/NDF : 1595555.6/57

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1405.855 $\pm$ 741.119 χ^2 /NDF:11.5/11

Right Out: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

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

Left: -489.398 $\pm$ 525.006 χ^2 /NDF: 19.8/21

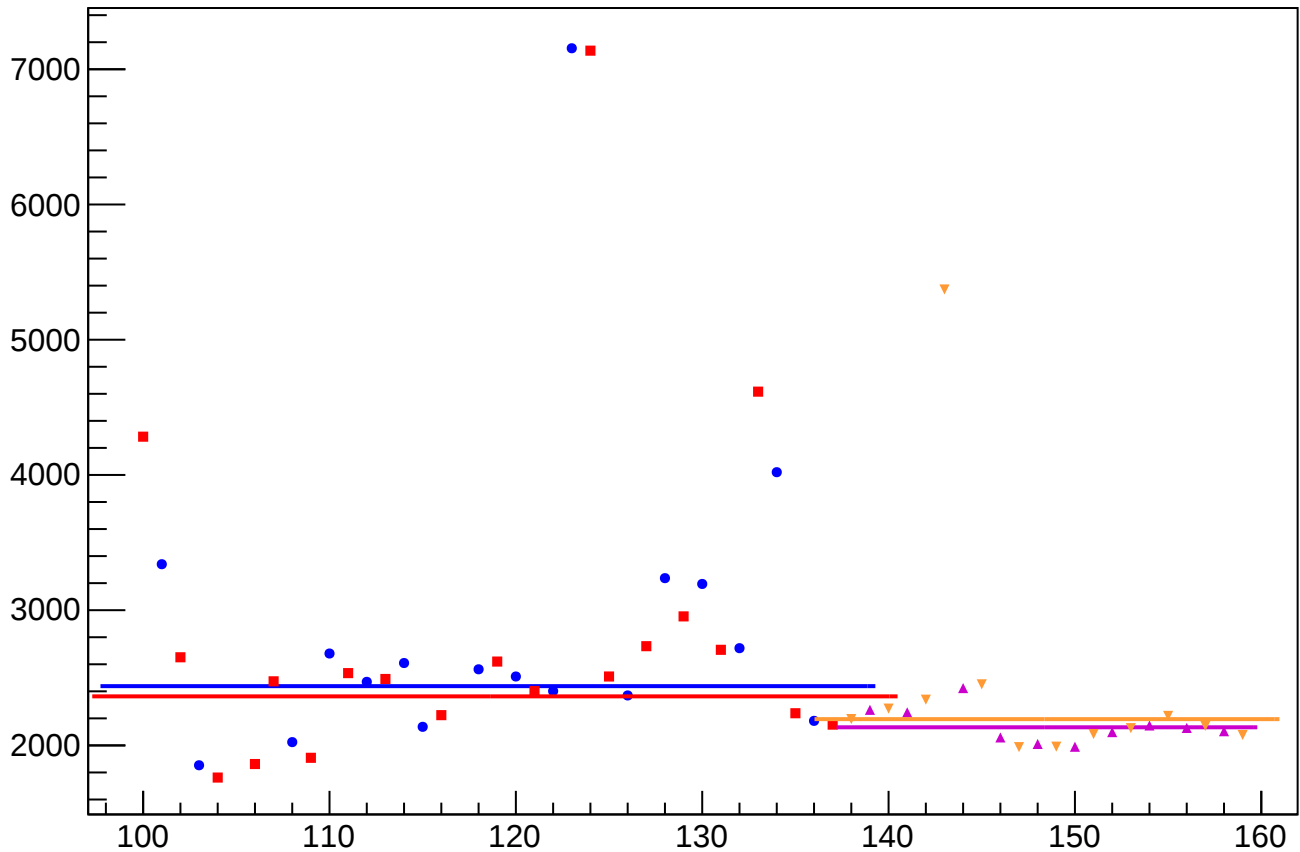
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

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

Out: -396.536 $\pm$ 578.539 χ^2 /NDF:24.8/30

All: 88.456 $\pm$ 412.762 χ^2 /NDF: 52.3/57

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2194.328 ± 0.524 $\chi^2/\text{NDF}: 607852.1/11$

Right Out: 2362.739 ± 0.655 $\chi^2/\text{NDF}: 657525.3/18$

Left In: 2134.004 ± 0.526 $\chi^2/\text{NDF}: 51922.0/9$

Left: 2164.276 ± 0.371 $\chi^2/\text{NDF}: 666375.2/21$

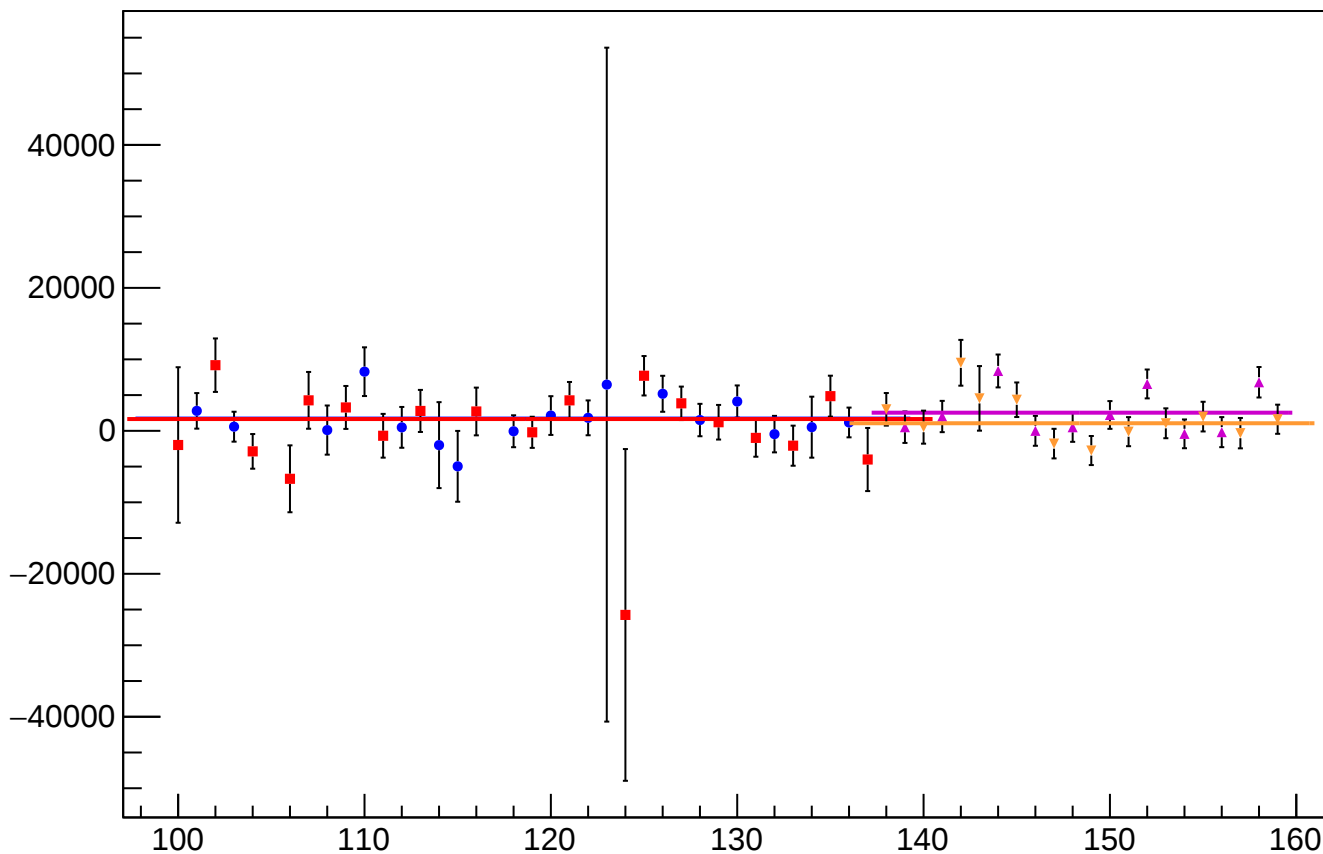
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2247.445 ± 0.417 $\chi^2/\text{NDF}: 653416.9/26$

Out: 2260.113 ± 0.409 $\chi^2/\text{NDF}: 1305719.1/30$

All: 2253.893 ± 0.292 $\chi^2/\text{NDF}: 1959606.7/57$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1061.956+/-654.094 χ^2/NDF :16.7/11

Right Out: 1650.522+/-694.283 χ^2/NDF : 27.0/18

Left In: 2539.535+/-662.955 χ^2/NDF :21.6/9

Left: 1790.805+/-465.615 χ^2/NDF : 40.8/21

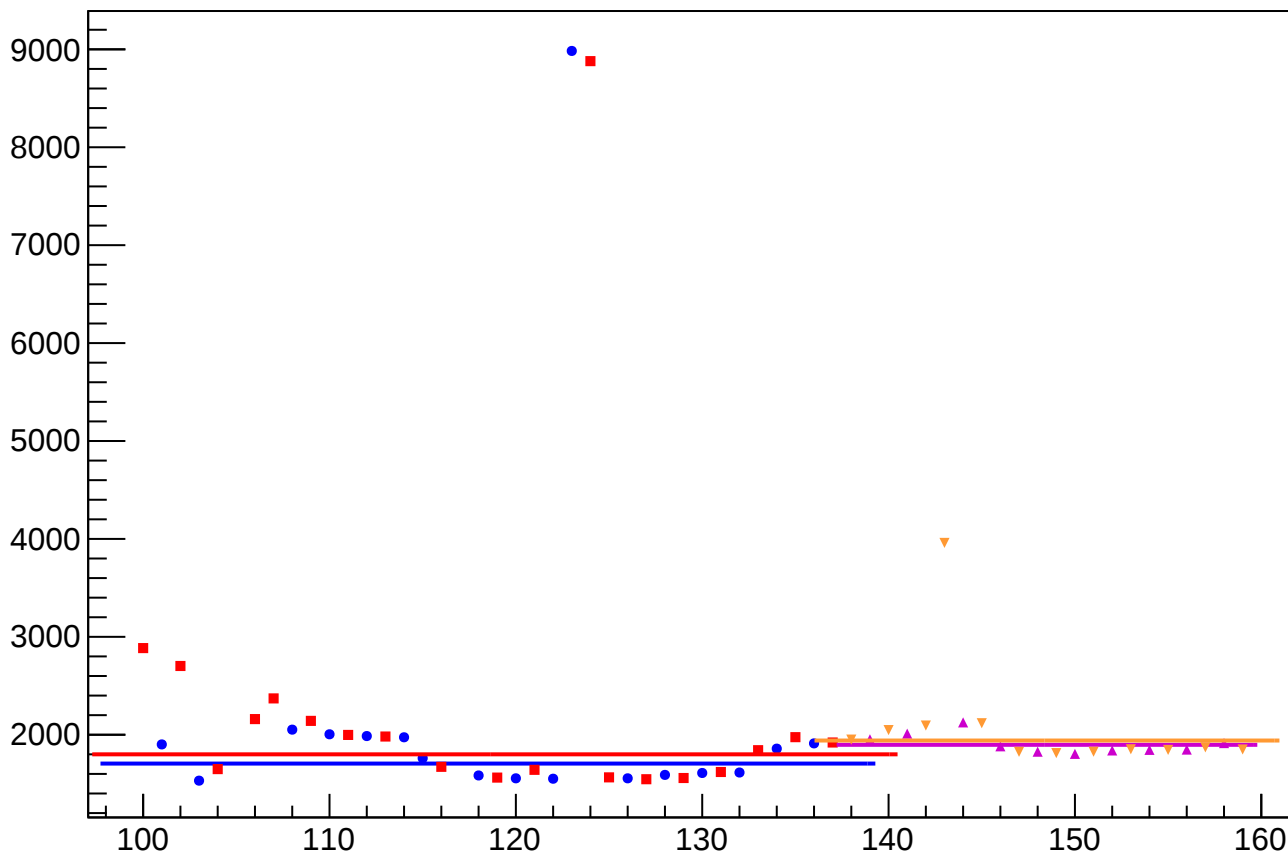
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

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

Out: 1338.712+/-476.088 χ^2/NDF :44.0/30

All: 1738.554+/-334.564 χ^2/NDF : 79.2/57

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1940.969 $\pm$ 0.463 χ^2 /NDF: 453304.5/11

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1897.181 $\pm$ 0.469 χ^2 /NDF: 37734.3/9

Left: 1919.369 $\pm$ 0.329 χ^2 /NDF: 495460.1/21

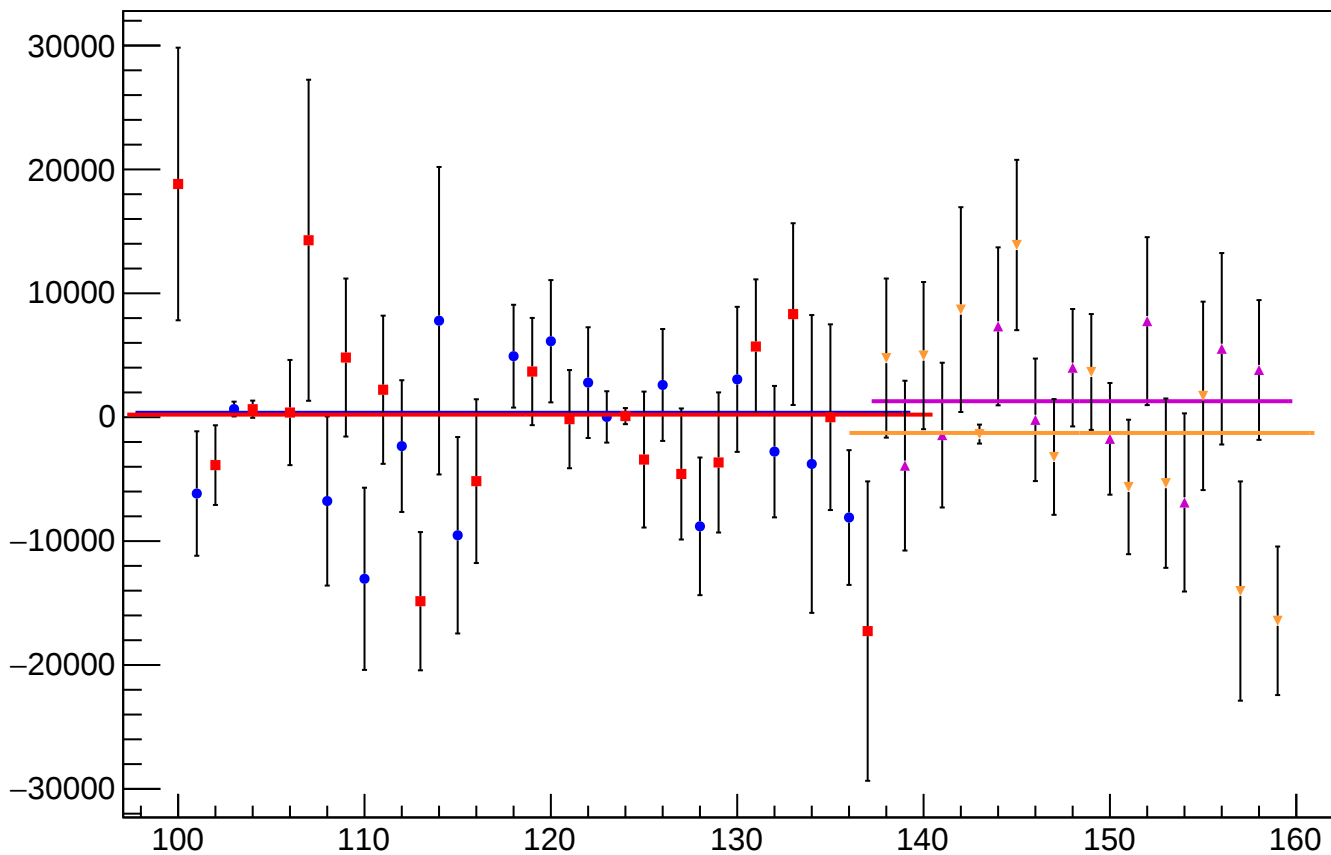
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

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

Out: 1874.525 $\pm$ 0.336 χ^2 /NDF: 1035872.1/30

All: 1837.856 $\pm$ 0.236 χ^2 /NDF: 1374255.0/57

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1269.412 $\pm$ 707.637 χ^2 /NDF:19.2/11

Right Out: 209.907 $\pm$ 446.627 χ^2 /NDF: 21.4/18

Left In: 1291.268 $\pm$ 1828.484 χ^2 /NDF:5.3/9

Left: -935.846 $\pm$ 659.940 χ^2 /NDF: 26.2/21

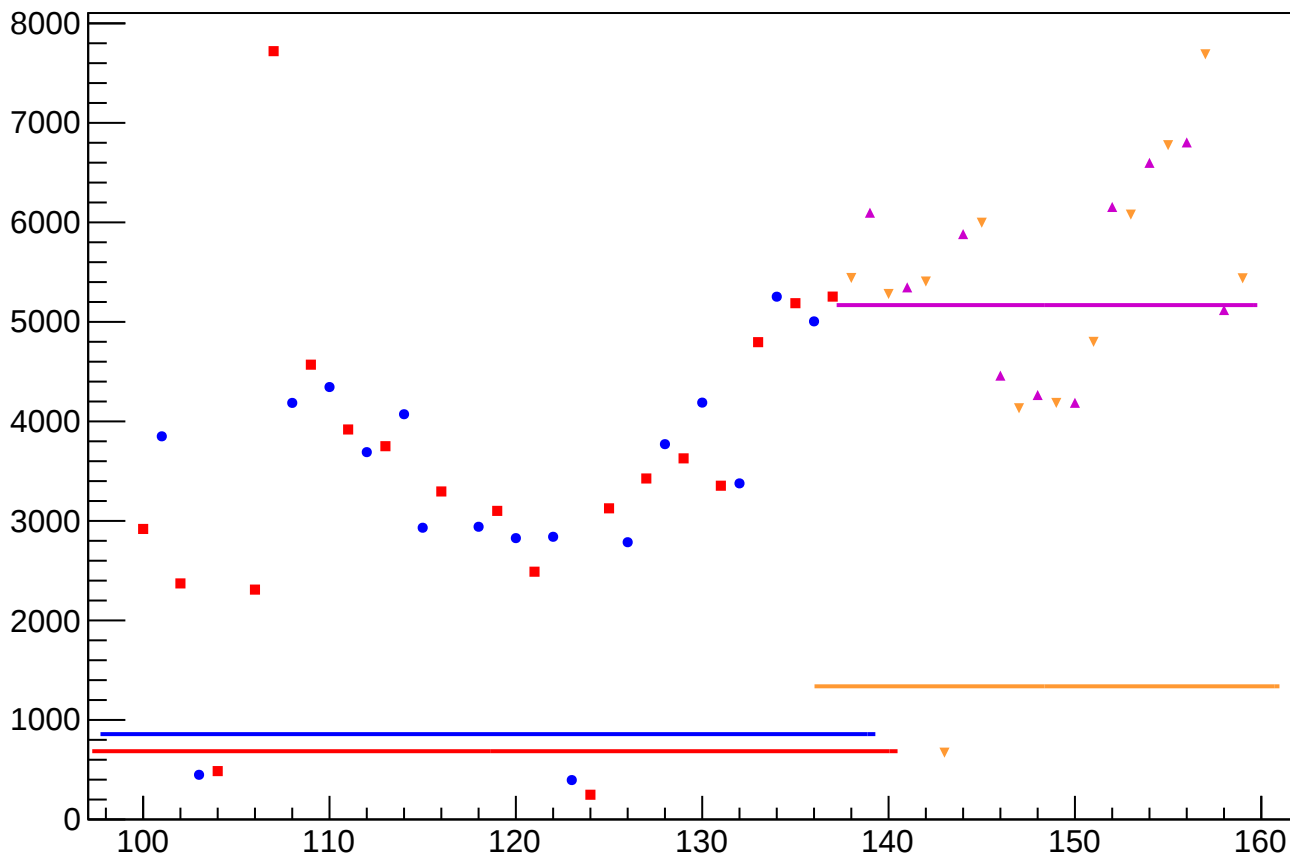
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

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

Out: -211.511 $\pm$ 377.691 χ^2 /NDF:43.7/30

All: 14.709 $\pm$ 303.917 χ^2 /NDF: 67.8/57

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377

χ^2/NDF : 8175260.6/16

Left: 1836.917+/-0.467

χ^2/NDF : 18956632.4/21

Left Out: 1337.890+/-0.500

χ^2/NDF : 10837932.0/11

Right: 756.584+/-0.242

χ^2/NDF : 17758209.4/35

Right Out: 685.800+/-0.316

χ^2/NDF : 9461114.1/18

In: 1195.361+/-0.362

χ^2/NDF : 18906077.0/26

Out: 871.563+/-0.267

χ^2/NDF : 21513573.0/30

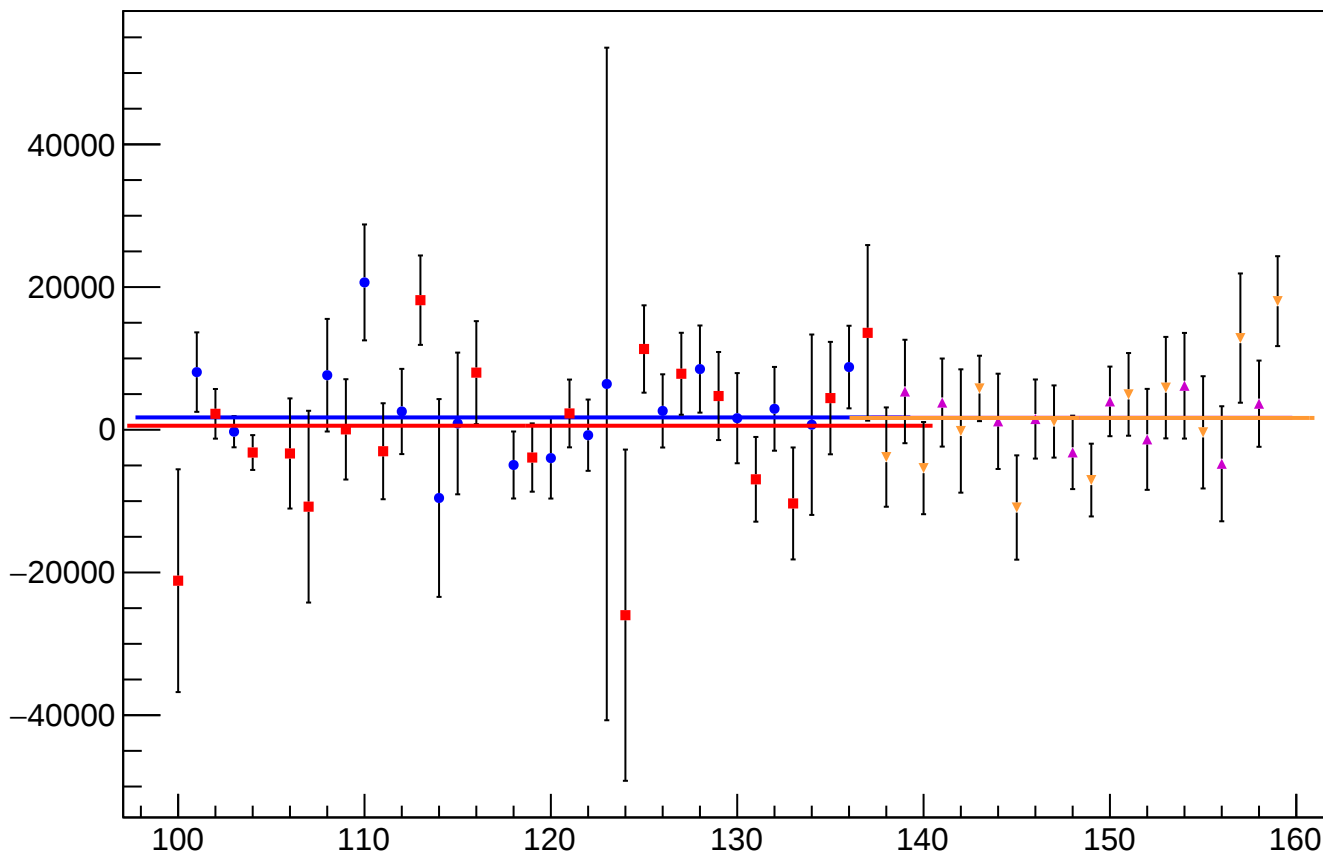
Left In: 5168.761+/-1.293

χ^2/NDF : 483333.6/9

All: 985.703+/-0.215

χ^2/NDF : 40937814.6/57

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1658.573+/-1810.998 χ^2/NDF : 17.6/11

Right Out: 567.083+/-1286.310 χ^2/NDF : 27.1/18

Left In: 1678.196+/-1957.258 χ^2/NDF : 2.8/9

Left: 1667.624+/-1329.272 χ^2/NDF : 20.4/21

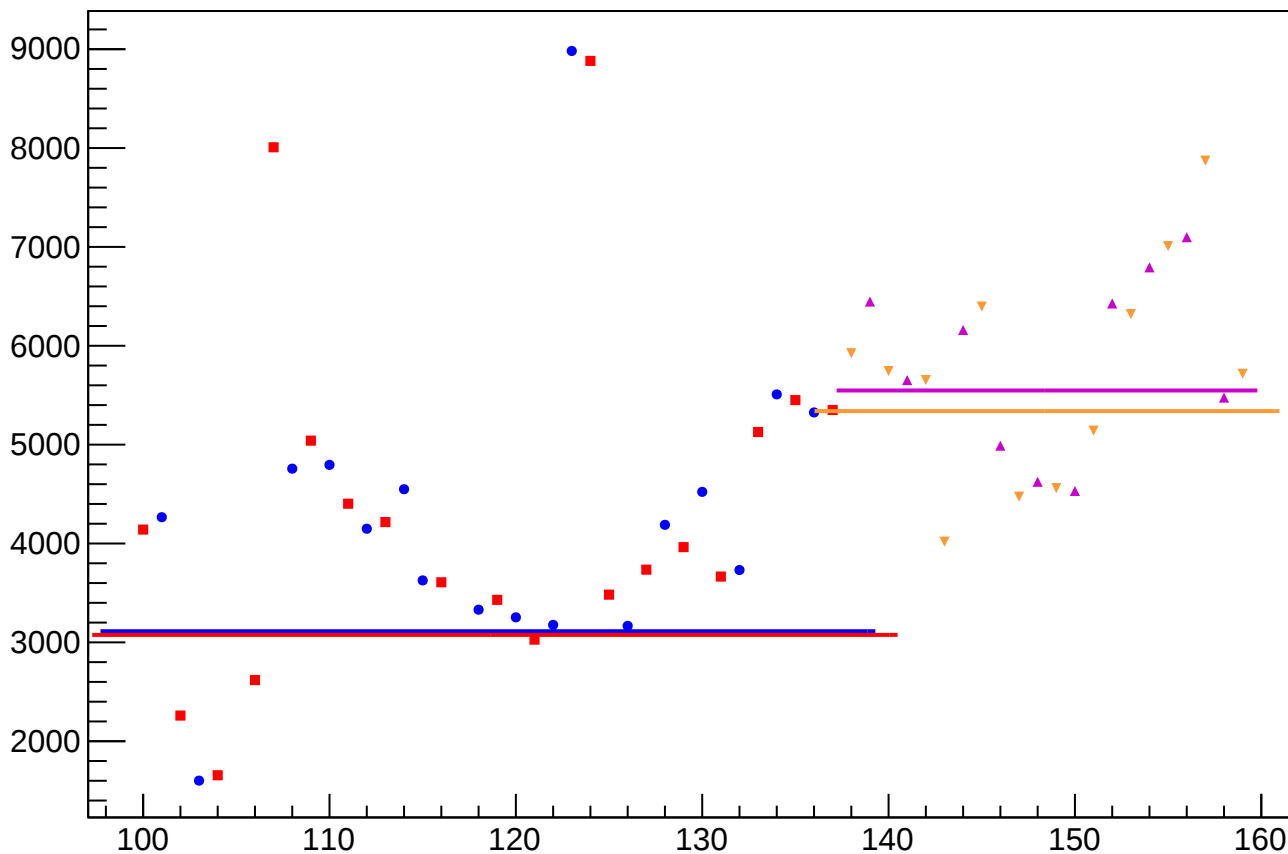
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 933.086+/-1048.698 χ^2/NDF : 44.9/30

All: 1311.185+/-754.236 χ^2/NDF : 62.8/57

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5339.363 $\pm$ 1.281 χ^2/NDF : 631921.4/11

Right Out: 3075.702 $\pm$ 0.896 χ^2/NDF : 2011000.5/18

Left In: 5547.960 $\pm$ 1.384 χ^2/NDF : 381485.6/9

Left: 5435.577 $\pm$ 0.940 χ^2/NDF : 1025645.9/21

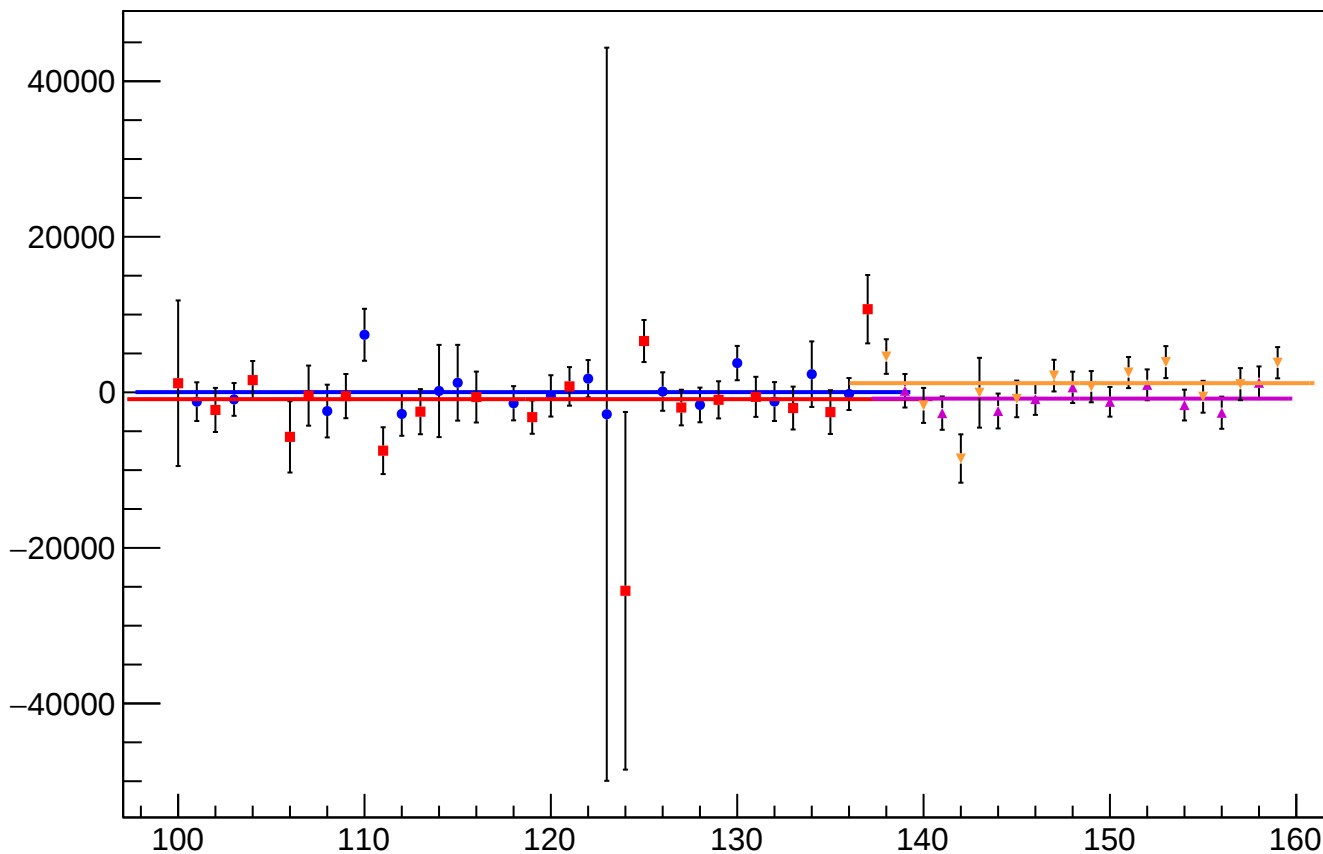
Right: 3093.663 $\pm$ 0.643 χ^2/NDF : 3896339.1/35

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

Out: 3820.117 $\pm$ 0.734 χ^2/NDF : 4740091.7/30

All: 3840.042 $\pm$ 0.531 χ^2/NDF : 9151396.8/57

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1184.268+/-641.469 χ^2/NDF : 19.4/11

Right Out: -874.470+/-673.273 χ^2/NDF : 25.7/18

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

Left: 203.460+/-456.737 χ^2/NDF : 28.9/21

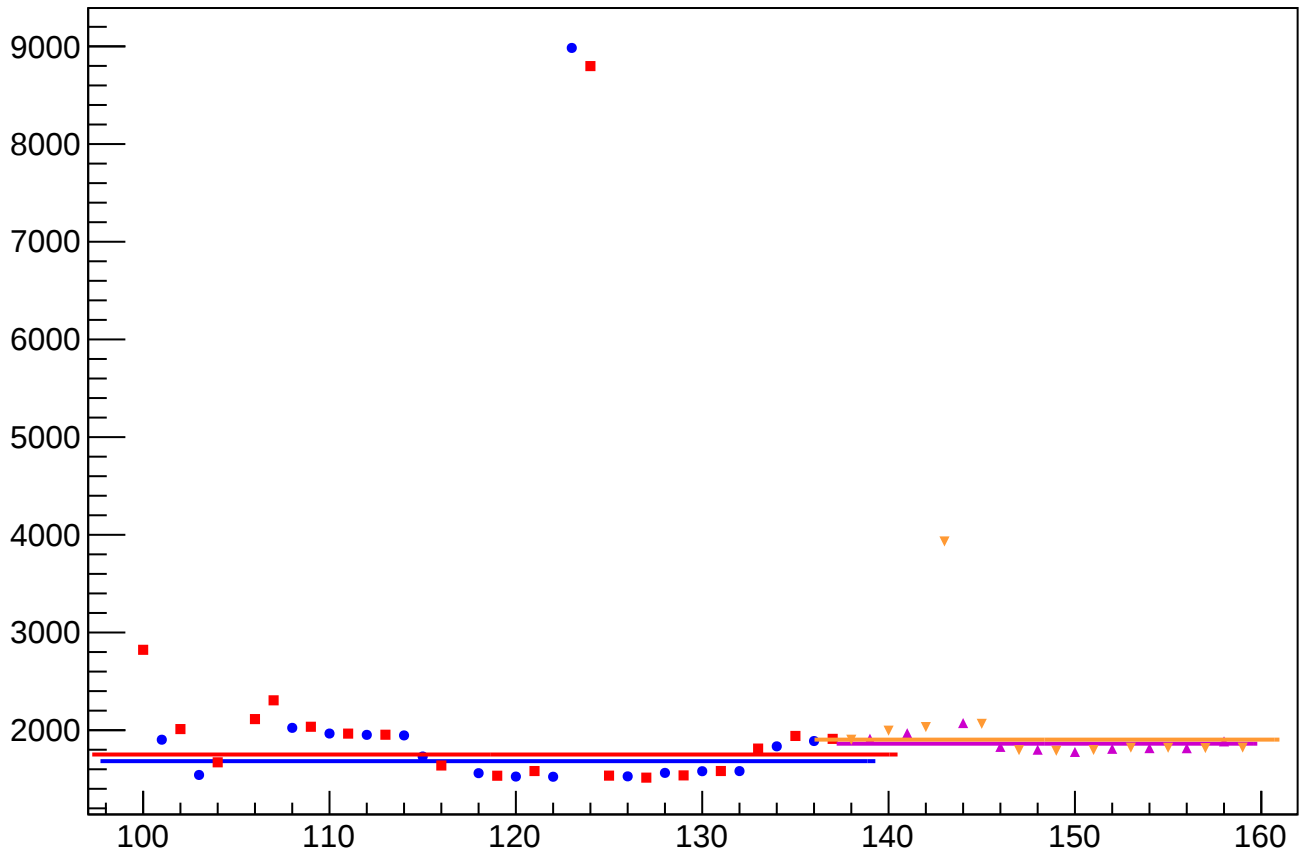
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

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

Out: 204.671+/-464.424 χ^2/NDF : 50.0/30

All: -95.275+/-327.797 χ^2/NDF : 68.2/57

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124 $\pm$ 0.466 χ^2 /NDF: 195857.2/16

Left Out: 1903.470 $\pm$ 0.454 χ^2 /NDF: 455989.8/11

Right Out: 1751.086 $\pm$ 0.475 χ^2 /NDF: 427069.6/18

Left In: 1861.866 $\pm$ 0.460 χ^2 /NDF: 33815.4/9

Left: 1882.958 $\pm$ 0.323 χ^2 /NDF: 493953.2/21

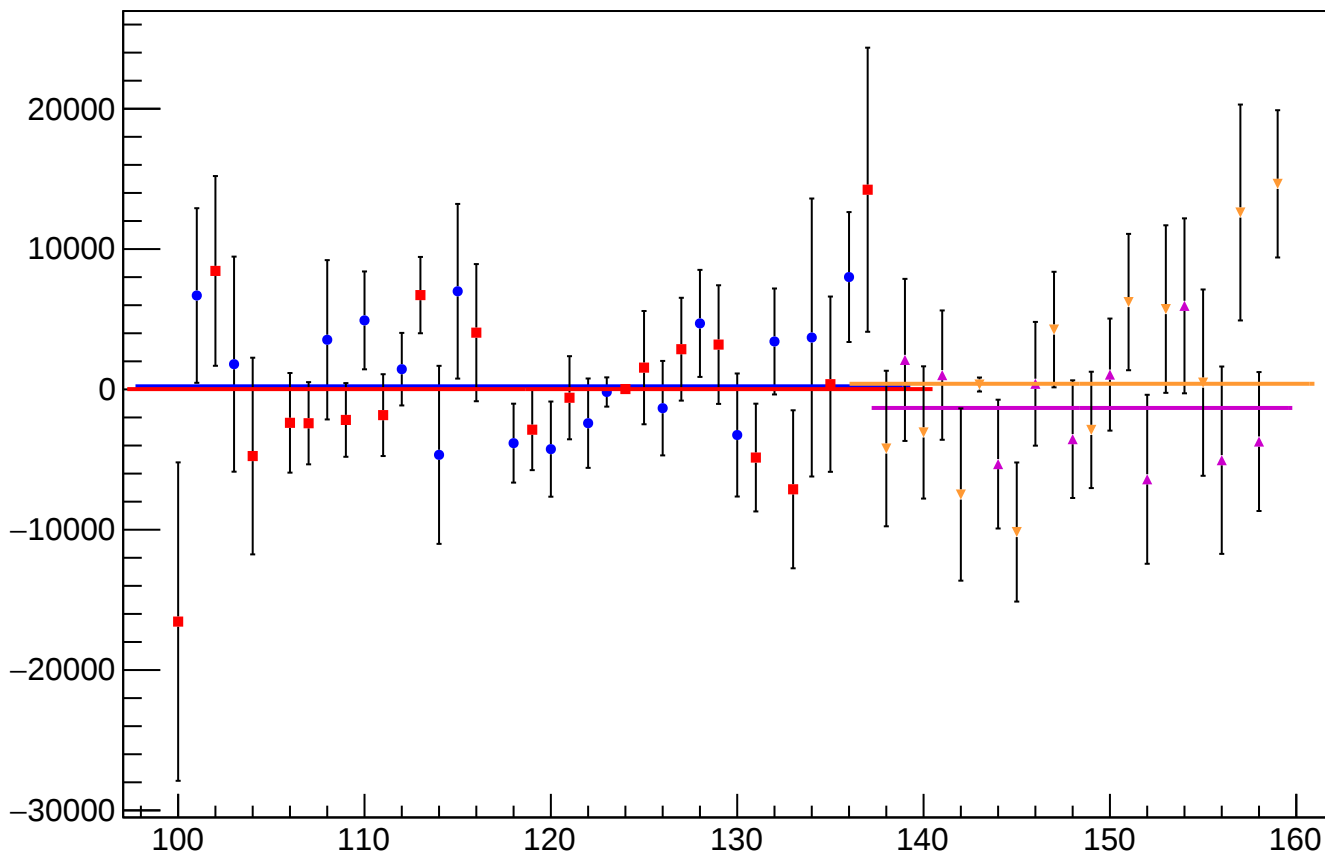
Right: 1716.421 $\pm$ 0.332 χ^2 /NDF: 633367.1/35

In: 1773.578 $\pm$ 0.327 χ^2 /NDF: 304265.7/26

Out: 1830.795 $\pm$ 0.328 χ^2 /NDF: 936887.5/30

All: 1802.112 $\pm$ 0.232 χ^2 /NDF: 1256402.8/57

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 400.543 $\pm$ 475.662 χ^2 /NDF:21.1/11

Right Out: 20.268 $\pm$ 114.130 χ^2 /NDF: 20.7/18

Left In: -1322.507 $\pm$ 1557.644 χ^2 /NDF:4.8/9

Left: 253.569 $\pm$ 454.923 χ^2 /NDF: 27.0/21

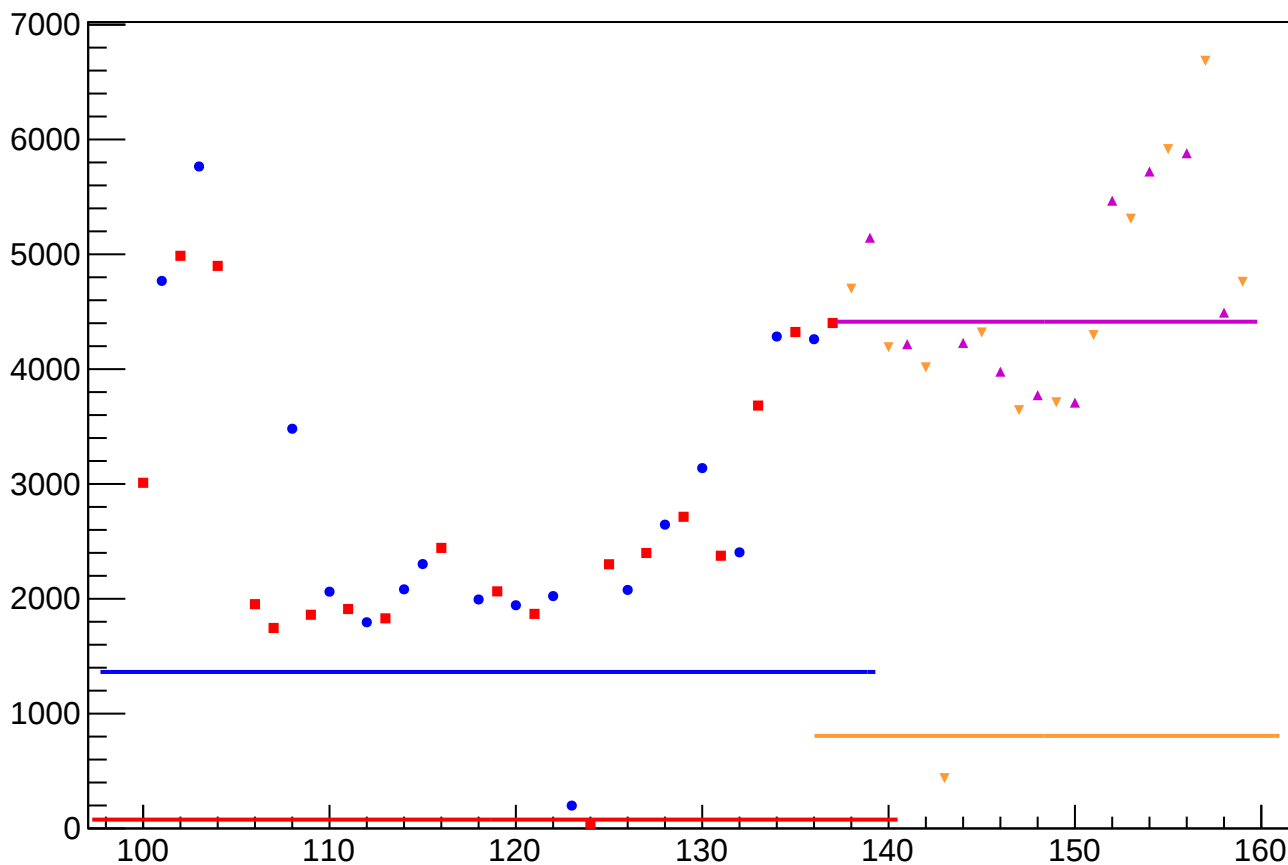
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: -52.282 $\pm$ 654.241 χ^2 /NDF:21.4/26

Out: 40.969 $\pm$ 110.980 χ^2 /NDF:42.4/30

All: 38.361 $\pm$ 109.417 χ^2 /NDF: 63.8/57

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 806.052 $\pm$ 0.336 χ^2 /NDF: 12247412.4/11

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

Left In: 4412.899 $\pm$ 1.101 χ^2 /NDF: 413664.2/9

Left: 1113.709 $\pm$ 0.322 χ^2 /NDF: 22470163.3/21

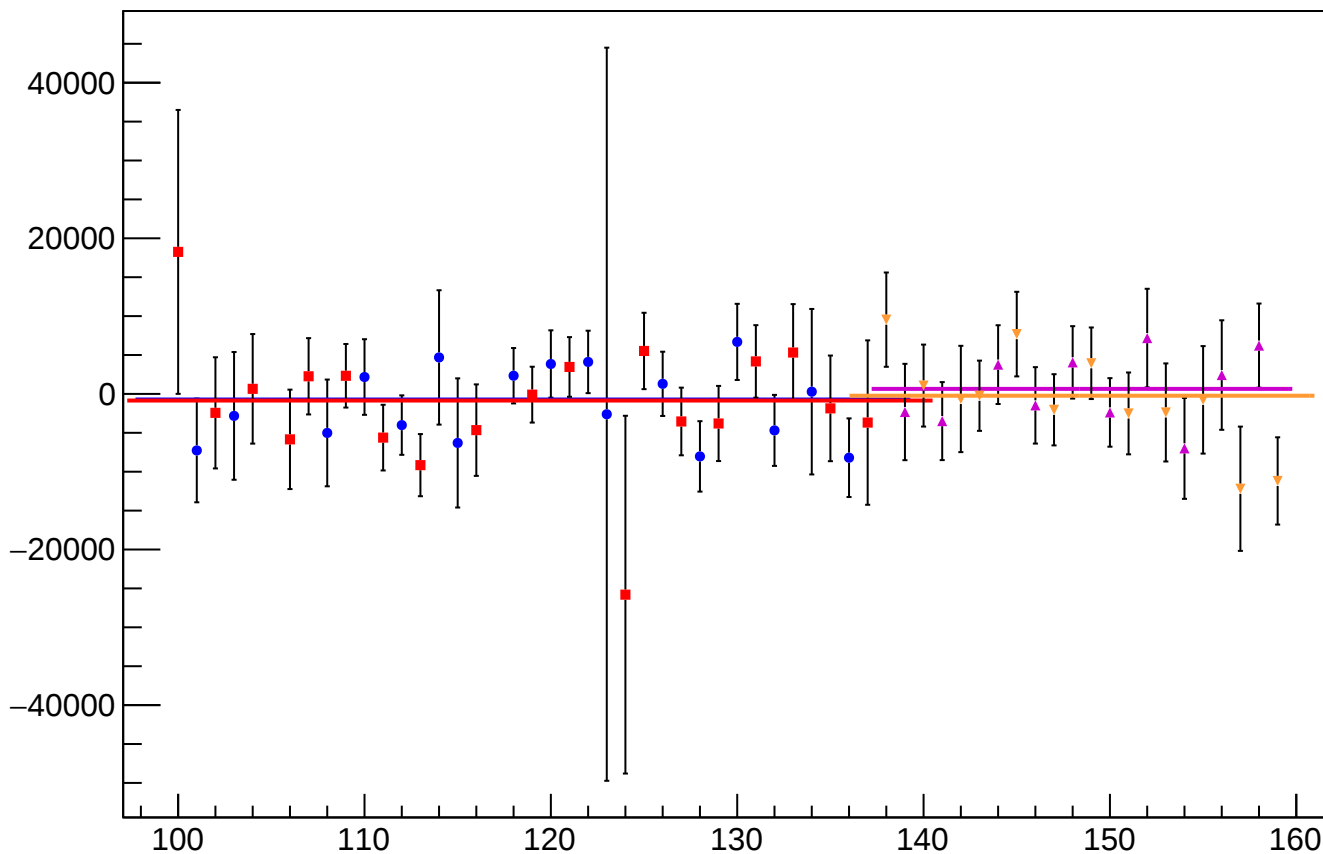
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 116.809 $\pm$ 0.078 χ^2 /NDF: 29936522.6/30

All: 166.710 $\pm$ 0.077 χ^2 /NDF: 57358692.4/57

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -232.690+/-1596.430 χ^2/NDF :12.1/11

Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18

Left In: 646.483+/-1697.333 χ^2/NDF :6.1/9

Left: 179.988+/-1162.883 χ^2/NDF : 18.3/21

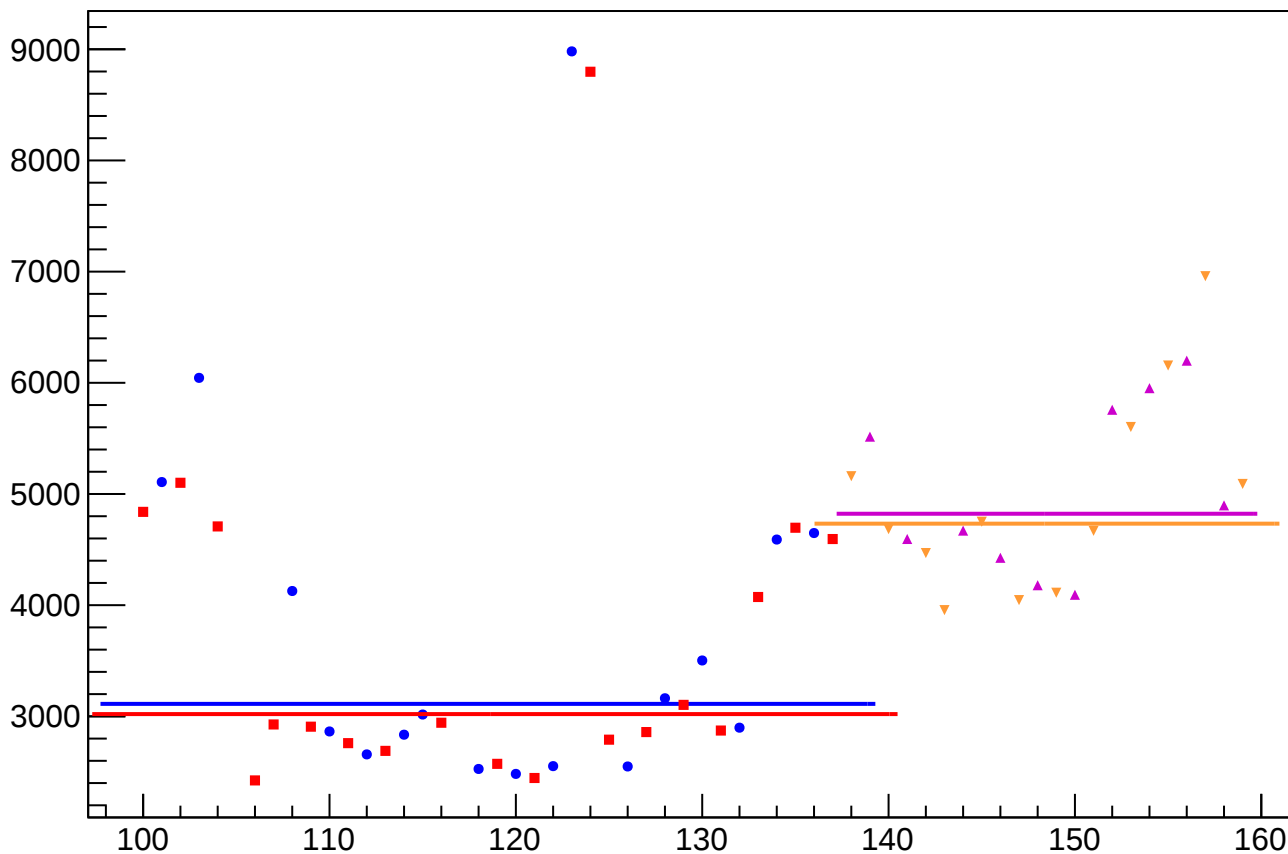
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

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

Out: -628.956+/-955.078 χ^2/NDF :28.2/30

All: -444.540+/-693.239 χ^2/NDF : 49.5/57

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4733.101+/-1.129 χ^2/NDF : 440700.9/11

Right Out: 3020.363+/-0.832 χ^2/NDF : 794218.3/18

Left In: 4822.308+/-1.200 χ^2/NDF : 318010.0/9

Left: 4774.974+/-0.822 χ^2/NDF : 761642.2/21

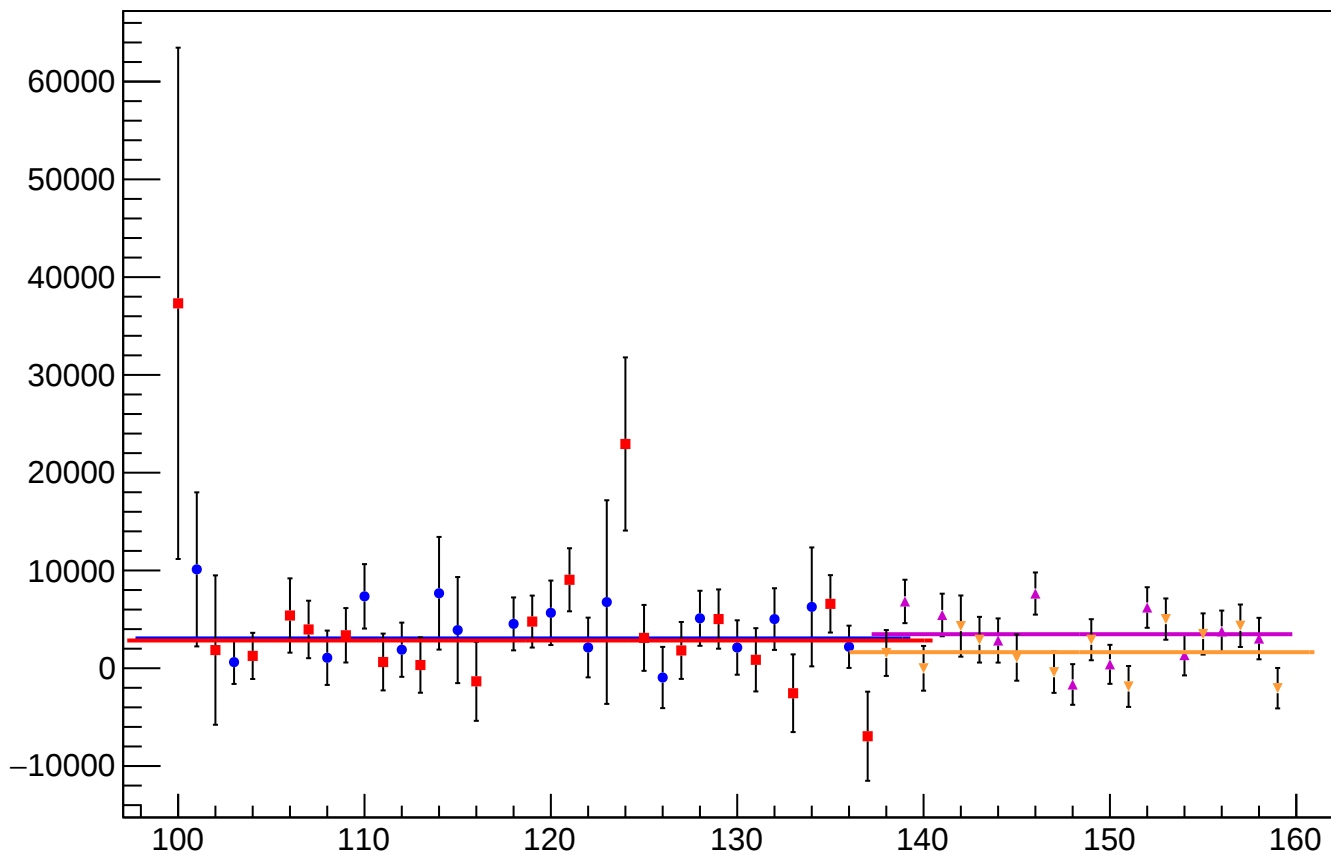
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

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

Out: 3623.533+/-0.670 χ^2/NDF : 2726253.9/30

All: 3666.504+/-0.488 χ^2/NDF : 5325932.3/57

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1643.072 $\pm$ 643.909 χ^2 /NDF:13.8/11

Right Out: 2838.725 $\pm$ 765.884 χ^2 /NDF: 23.8/18

Left In: 3481.121 $\pm$ 671.916 χ^2 /NDF:18.3/9

Left: 2522.991 $\pm$ 464.898 χ^2 /NDF: 35.9/21

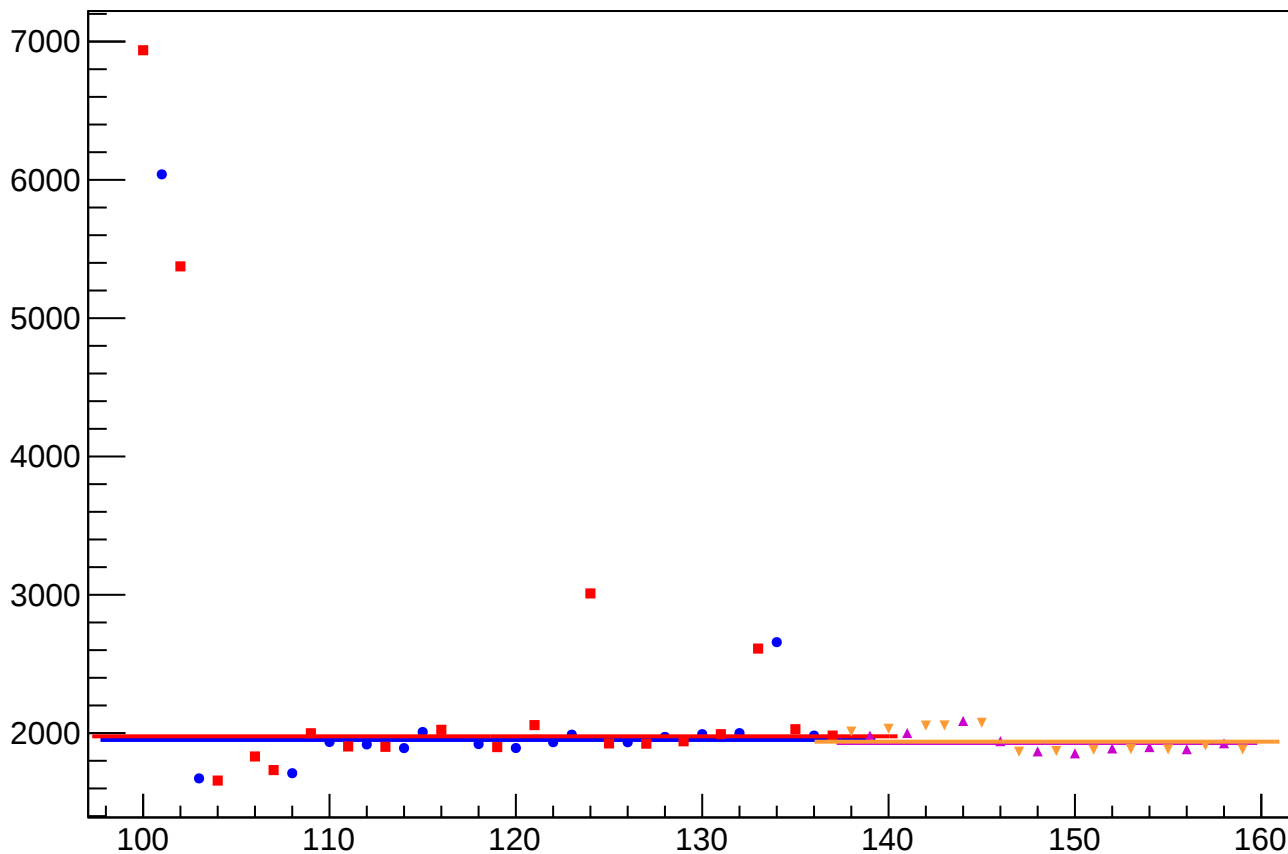
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 3294.993 $\pm$ 506.923 χ^2 /NDF:27.7/26

Out: 2138.219 $\pm$ 492.864 χ^2 /NDF:39.0/30

All: 2700.343 $\pm$ 353.374 χ^2 /NDF: 69.4/57

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1938.177+/-0.455 χ^2/NDF : 30241.3/11

Right Out: 1976.980+/-0.541 χ^2/NDF : 607706.4/18

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

Left: 1933.795+/-0.329 χ^2/NDF : 50325.4/21

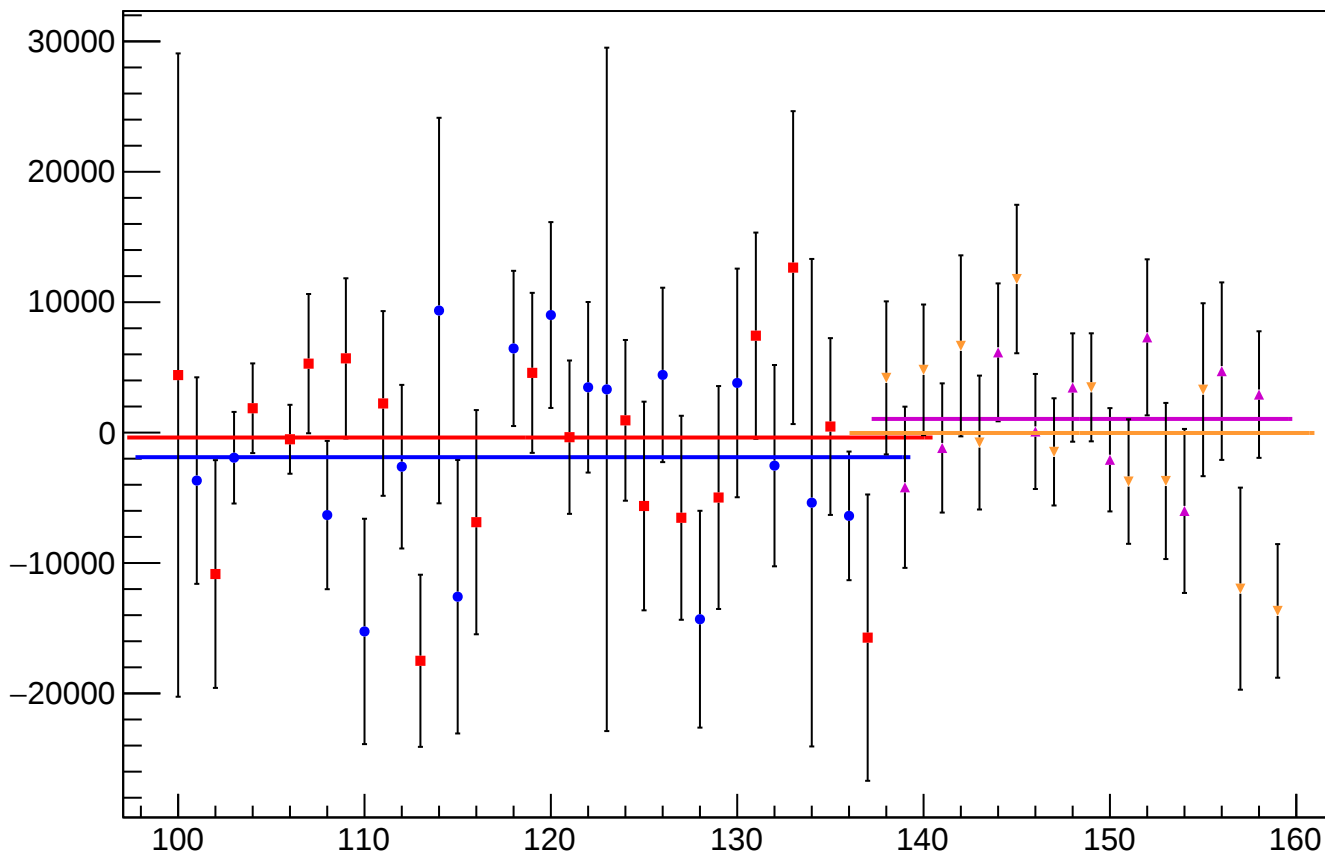
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

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

Out: 1954.258+/-0.348 χ^2/NDF : 640957.6/30

All: 1946.533+/-0.250 χ^2/NDF : 1277921.2/57

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: -29.489+/-1533.619 χ^2/NDF : 18.2/11

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

Left In: 1047.955+/-1595.177 χ^2/NDF : 5.7/9

Left: 488.043+/-1105.555 χ^2/NDF : 24.1/21

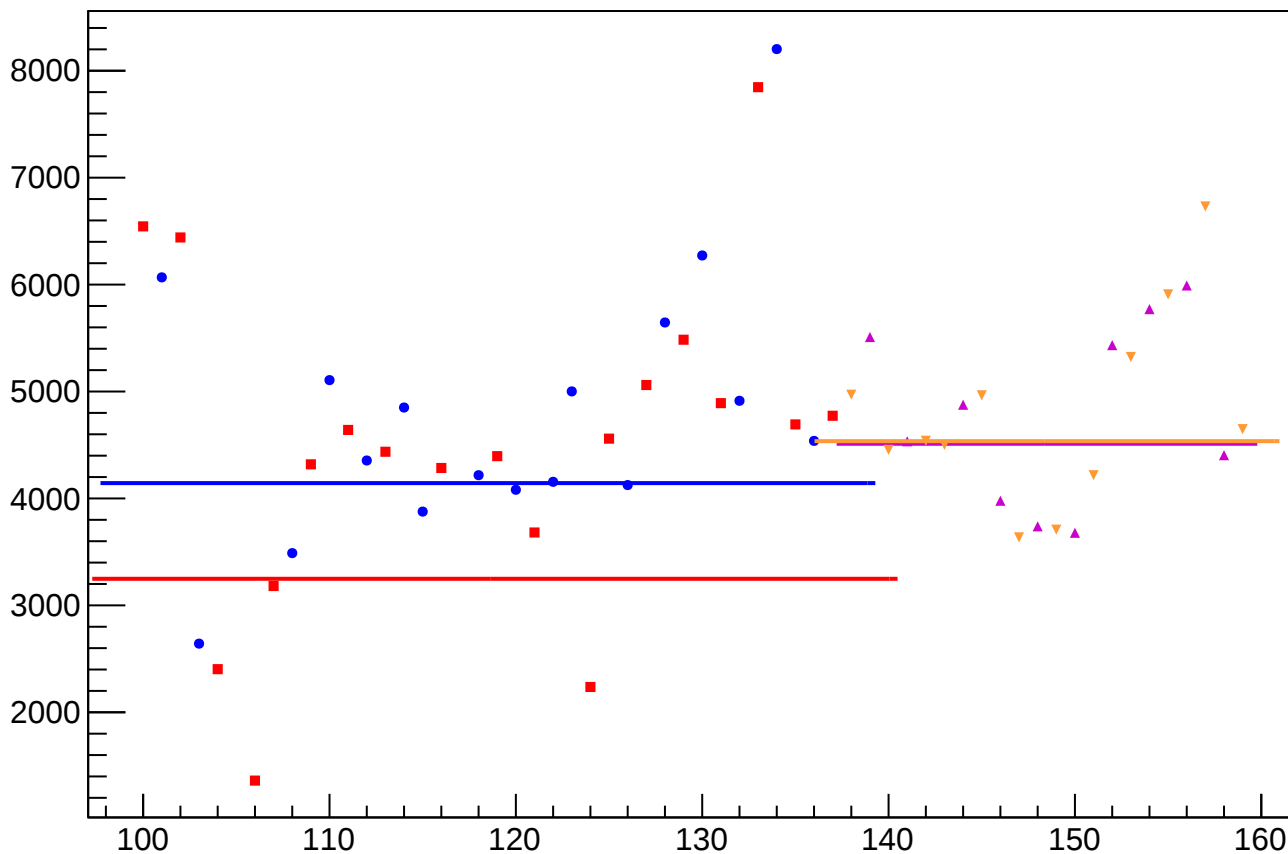
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -362.060+/-1149.522 χ^2/NDF : 21.4/26

Out: -223.991+/-1017.375 χ^2/NDF : 35.9/30

All: -284.637+/-761.849 χ^2/NDF : 57.3/57

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4535.634+/-1.084 χ^2/NDF : 489342.0/11

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

Left In: 4511.332+/-1.128 χ^2/NDF : 471654.2/9

Left: 4523.961+/-0.782 χ^2/NDF : 961237.4/21

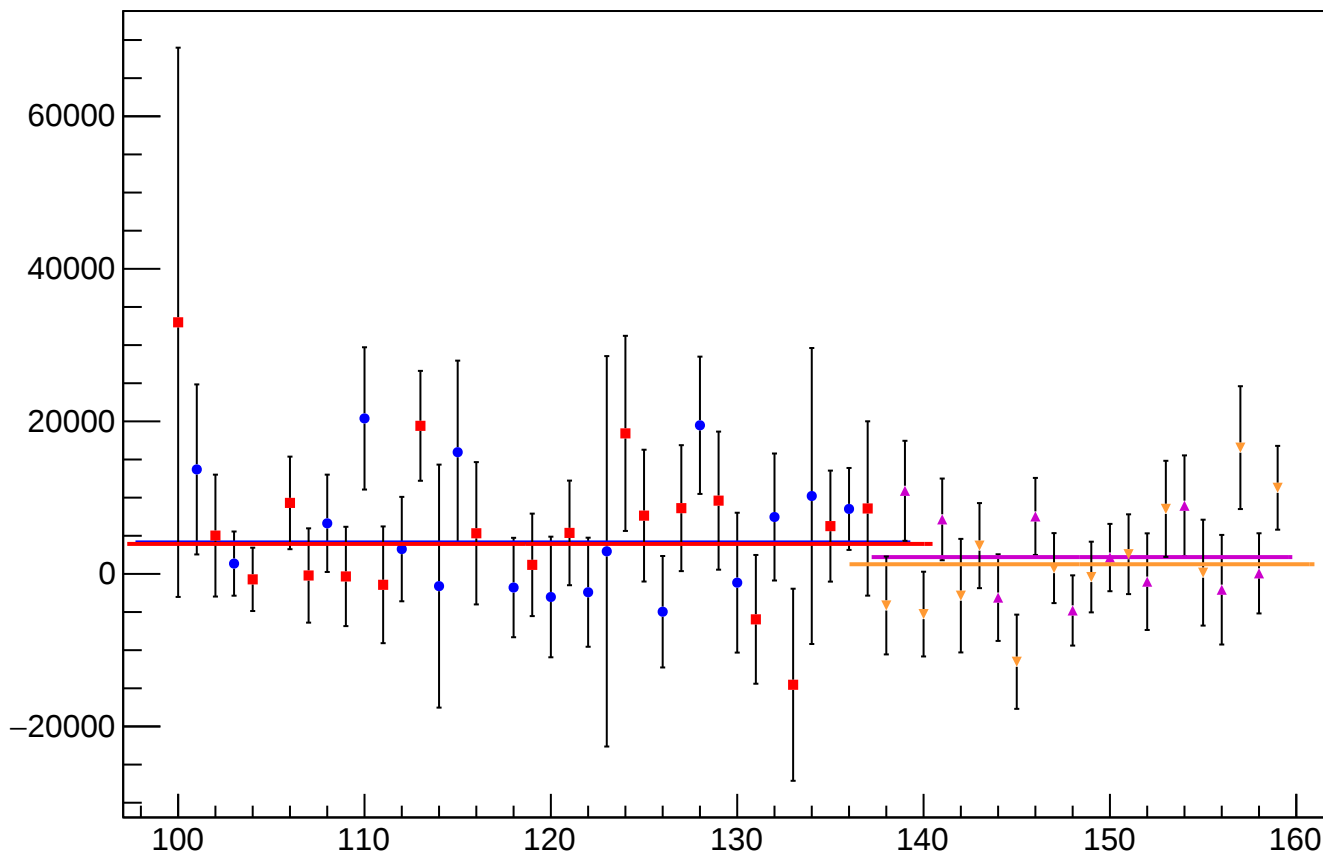
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4334.504+/-0.813 χ^2/NDF : 1378752.3/26

Out: 3815.010+/-0.719 χ^2/NDF : 3895761.9/30

All: 4043.193+/-0.539 χ^2/NDF : 5503564.8/57

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1267.379+/-1670.881 χ^2/NDF :15.4/11

Right Out: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

Left In: 2204.948+/-1740.053 χ^2/NDF :8.7/9

Left: 1717.158+/-1205.204 χ^2/NDF : 24.2/21

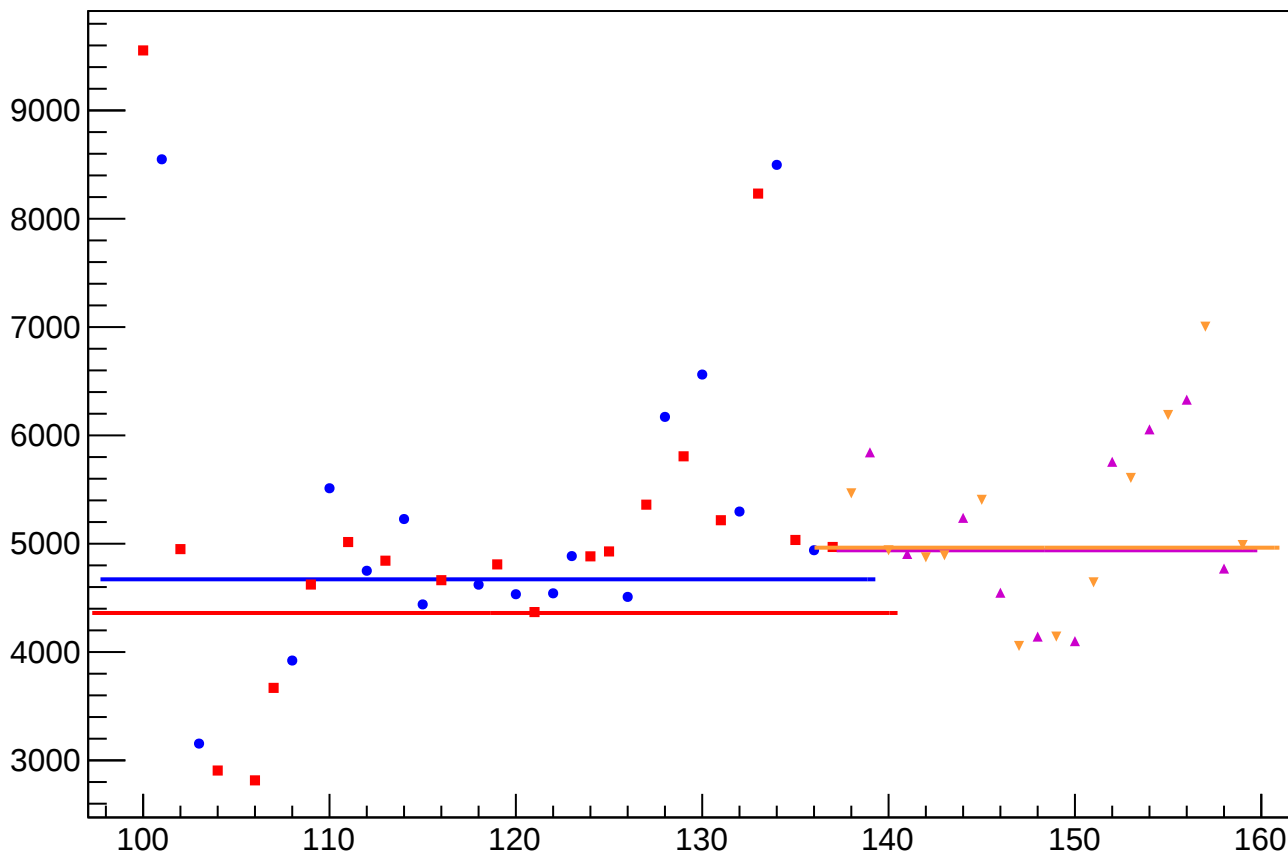
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 3100.261+/-1271.668 χ^2/NDF :23.0/26

Out: 2557.504+/-1200.336 χ^2/NDF :31.5/30

All: 2813.233+/-872.894 χ^2/NDF : 54.6/57

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4963.381+/-1.181 χ^2/NDF : 383095.0/11

Right Out: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

Left In: 4939.292+/-1.230 χ^2/NDF : 355217.1/9

Left: 4951.825+/-0.852 χ^2/NDF : 738511.5/21

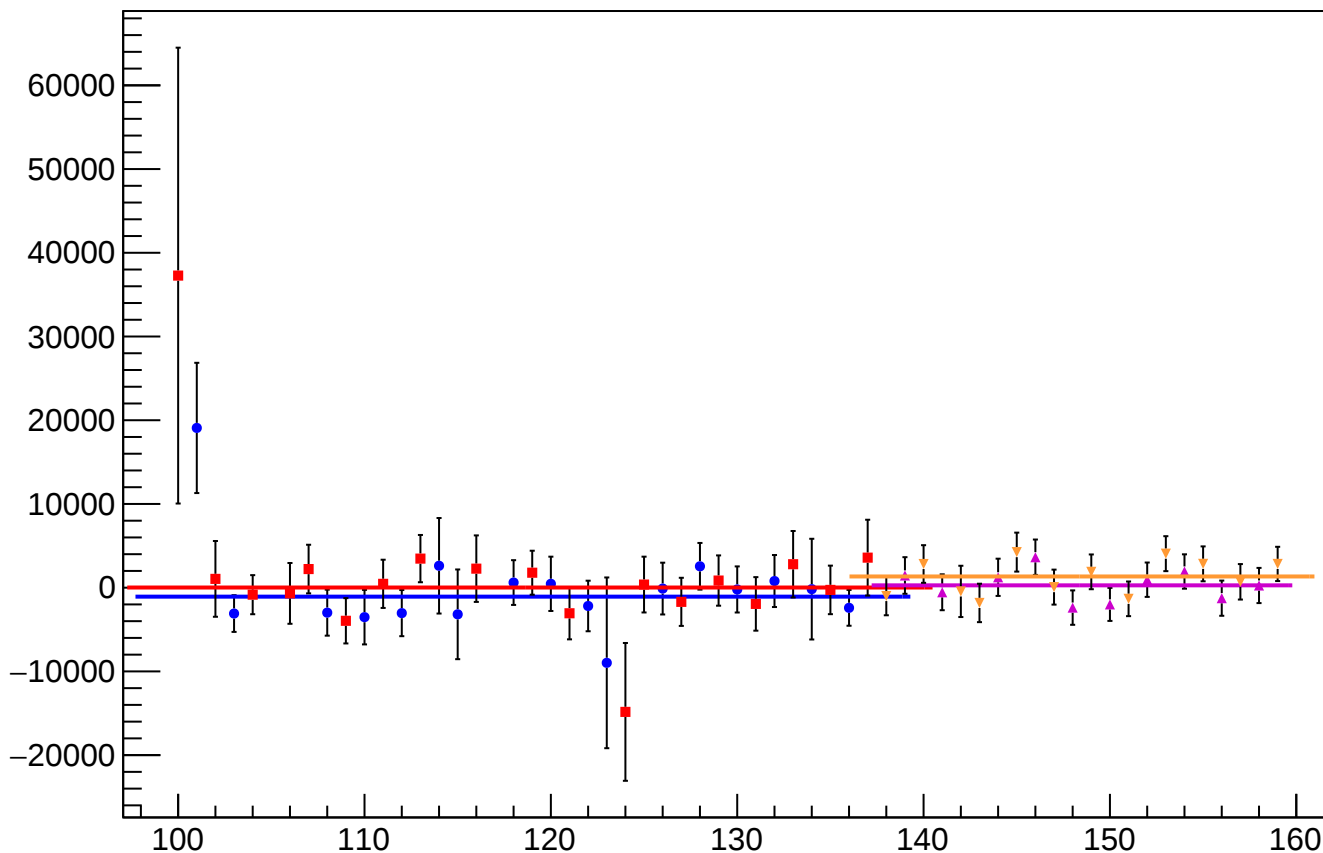
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4669.904+/-0.846 χ^2/NDF : 1343960.9/30

All: 4737.804+/-0.616 χ^2/NDF : 2521089.5/57

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1339.288+/-634.489 χ^2/NDF : 10.2/11

Right Out: 19.222+/-747.810 χ^2/NDF : 13.3/18

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

Left: 832.439+/-458.408 χ^2/NDF : 19.0/21

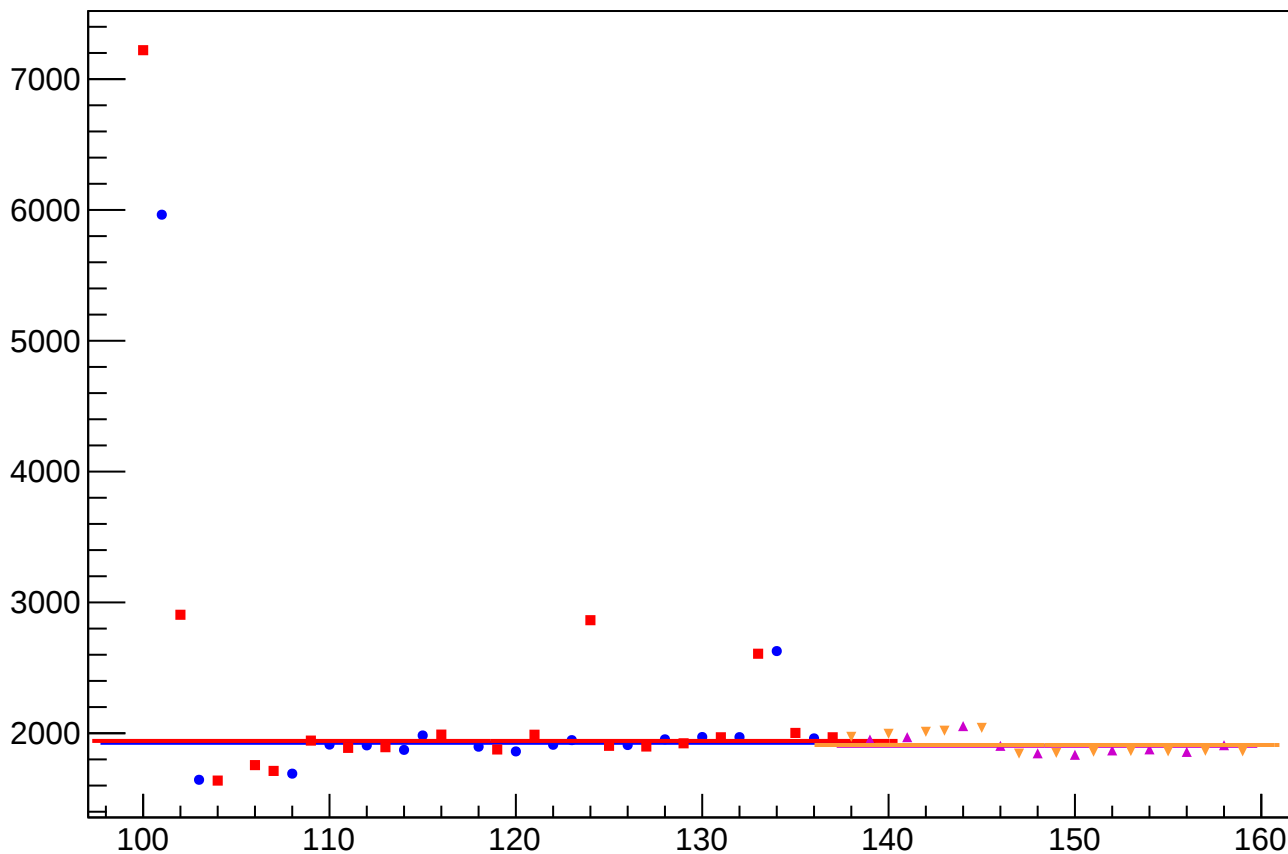
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

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

Out: 786.751+/-483.809 χ^2/NDF : 25.3/30

All: 260.805+/-347.843 χ^2/NDF : 50.7/57

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1910.117 $\pm$ 0.449 χ^2 /NDF: 26358.9/11

Right Out: 1941.261 $\pm$ 0.528 χ^2 /NDF: 304367.3/18

Left In: 1903.713 $\pm$ 0.469 χ^2 /NDF: 17929.0/9

Left: 1907.056 $\pm$ 0.324 χ^2 /NDF: 44385.4/21

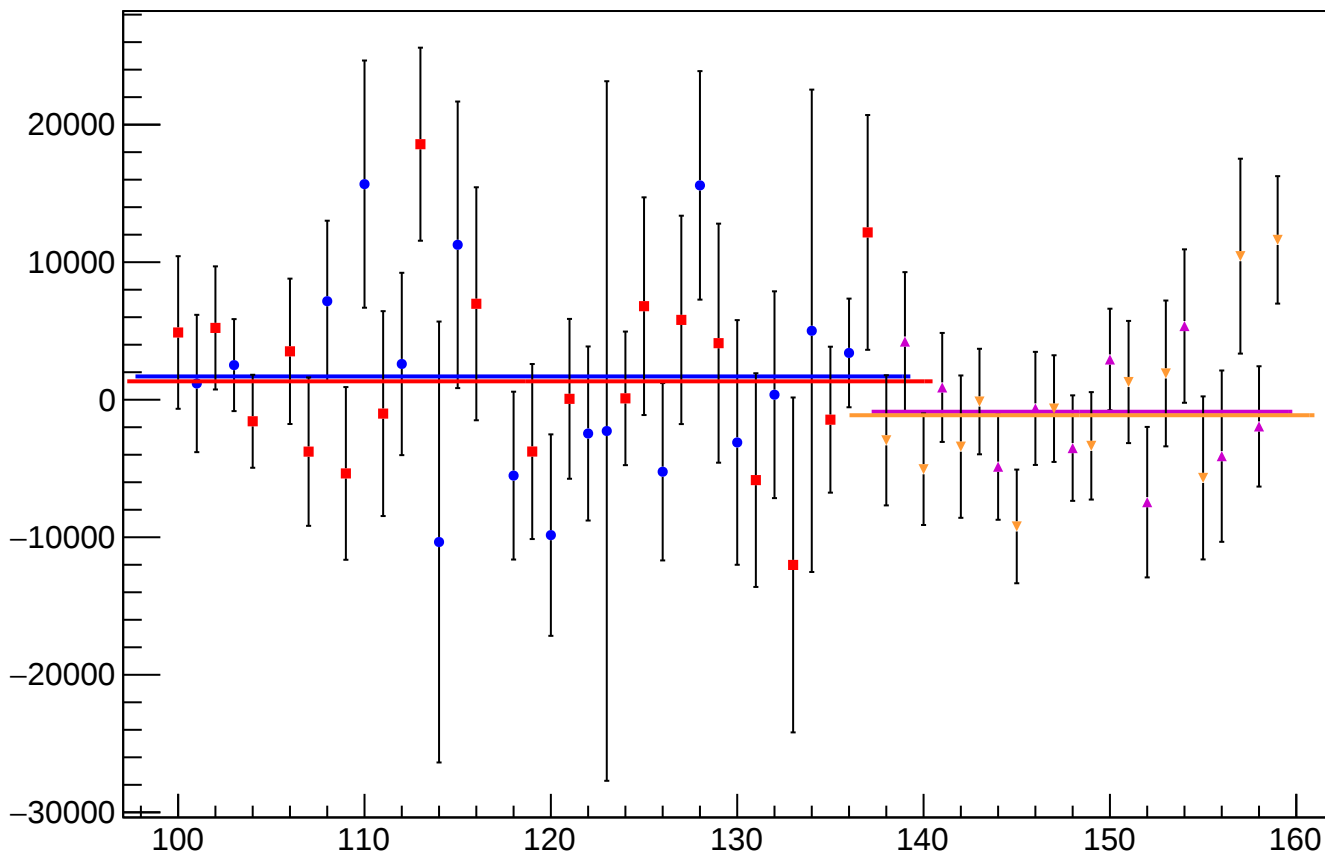
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1913.685 $\pm$ 0.354 χ^2 /NDF: 636096.8/26

Out: 1923.164 $\pm$ 0.342 χ^2 /NDF: 332745.0/30

All: 1918.587 $\pm$ 0.246 χ^2 /NDF: 969212.8/57

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1127.546+/-1310.120 χ^2/NDF : 17.0/11

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

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

Left: -1008.671+/-954.860 χ^2/NDF : 23.8/21

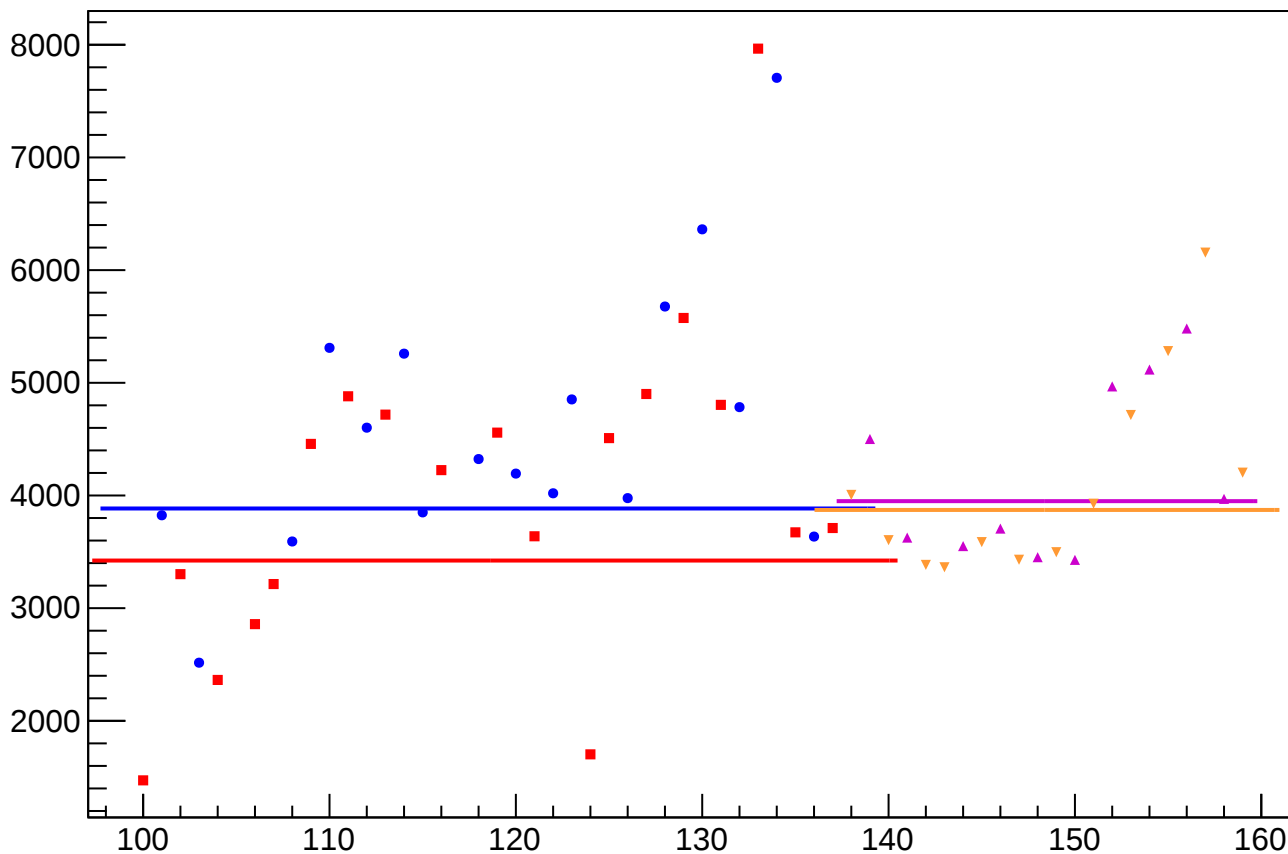
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

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

Out: 51.145+/-946.528 χ^2/NDF : 35.0/30

All: 152.055+/-699.191 χ^2/NDF : 57.0/57

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3871.695 $\pm$ 0.926 χ^2 /NDF: 499212.0/11

Right Out: 3422.628 $\pm$ 0.968 χ^2 /NDF: 1590296.5/18

Left In: 3949.684 $\pm$ 0.986 χ^2 /NDF: 417077.7/9

Left: 3908.256 $\pm$ 0.675 χ^2 /NDF: 919612.2/21

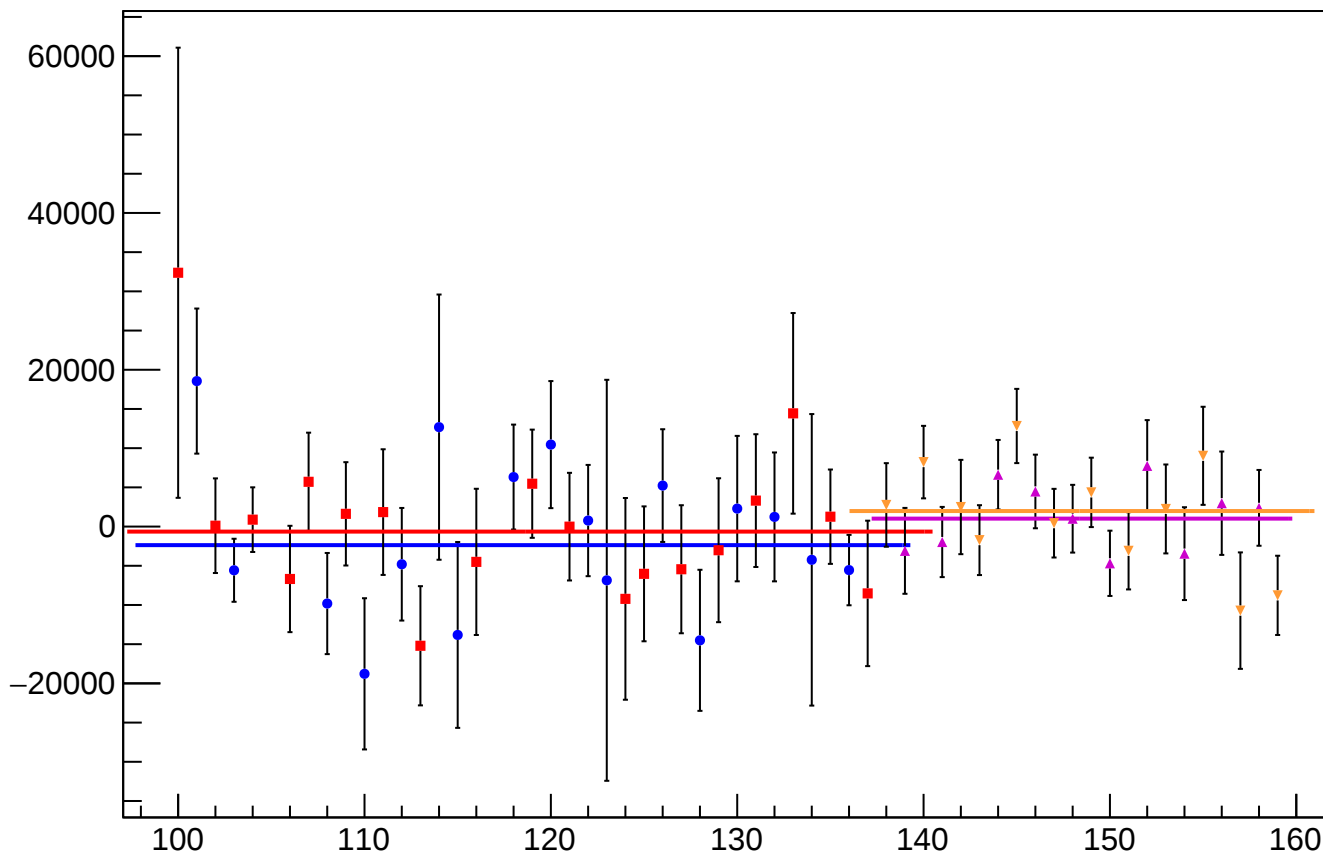
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3657.027 $\pm$ 0.669 χ^2 /NDF: 2201835.8/30

All: 3776.782 $\pm$ 0.494 χ^2 /NDF: 3517888.2/57

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1979.829 $\pm$ 1469.644 χ^2 /NDF: 18.0/11

Right Out: -640.916 $\pm$ 1690.165 χ^2 /NDF: 11.8/18

Left In: 1014.615 $\pm$ 1553.422 χ^2 /NDF: 7.1/9

Left: 1523.950 $\pm$ 1067.584 χ^2 /NDF: 25.3/21

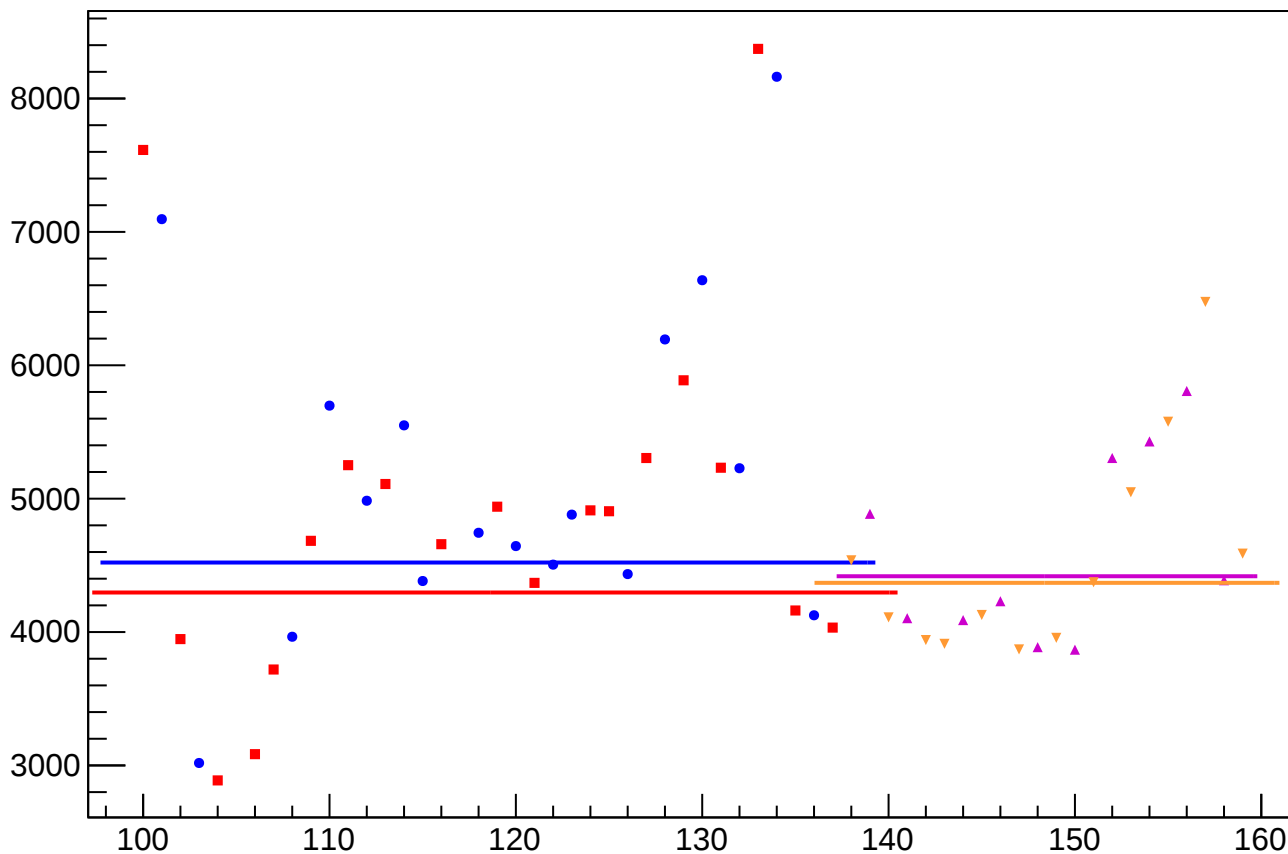
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

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

Out: 851.471 $\pm$ 1109.022 χ^2 /NDF: 31.2/30

All: 249.836 $\pm$ 807.021 χ^2 /NDF: 61.0/57

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4369.014+/-1.039 χ^2/NDF : 355859.5/11

Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

Left In: 4418.404+/-1.098 χ^2/NDF : 297217.7/9

Left: 4392.342+/-0.755 χ^2/NDF : 654144.0/21

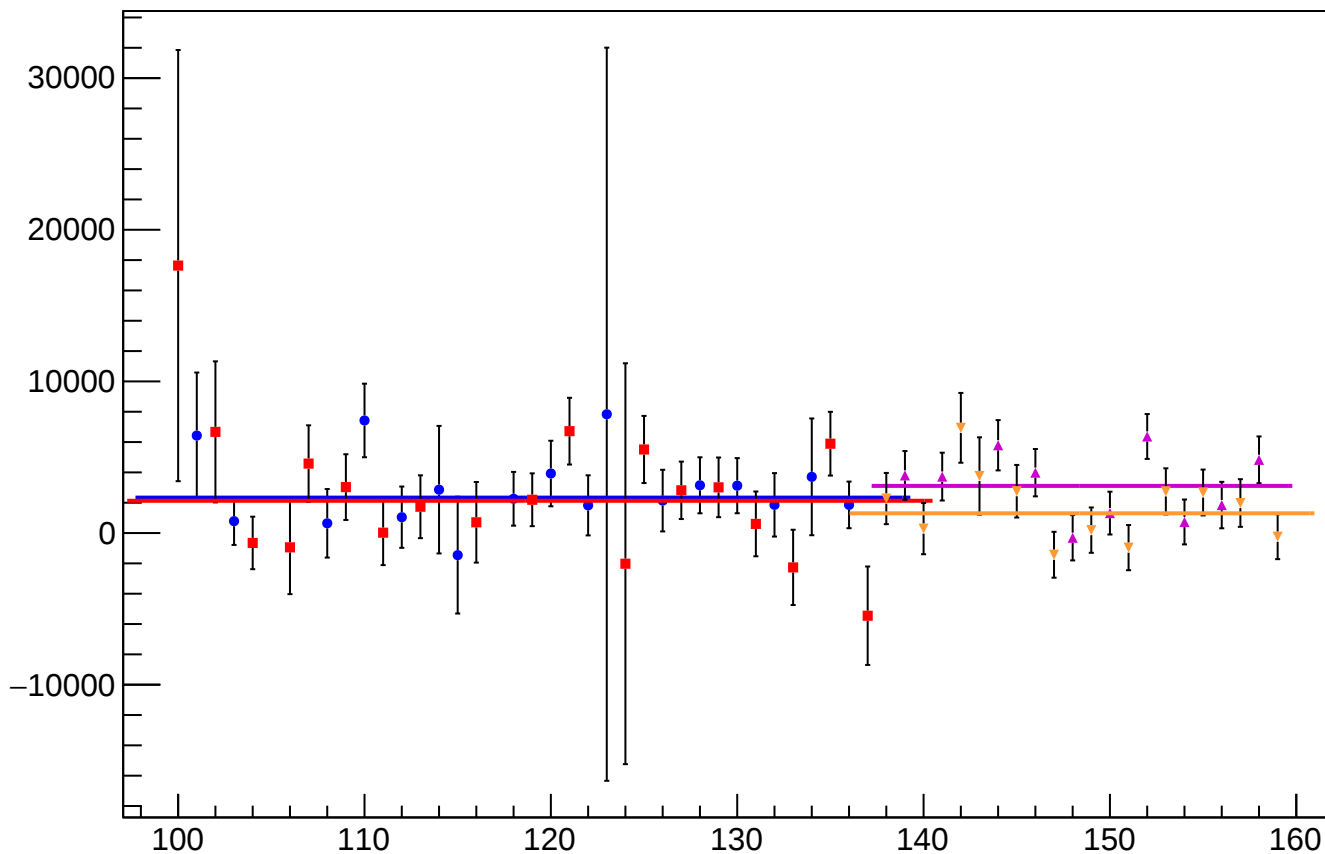
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4462.242+/-0.832 χ^2/NDF : 1079628.7/26

Out: 4337.588+/-0.782 χ^2/NDF : 1131180.6/30

All: 4396.085+/-0.570 χ^2/NDF : 2222723.9/57

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1301.729 $\pm$ 474.481 χ^2 /NDF:17.5/11

Right Out: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

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

Left: 2188.693 $\pm$ 338.708 χ^2 /NDF: 44.1/21

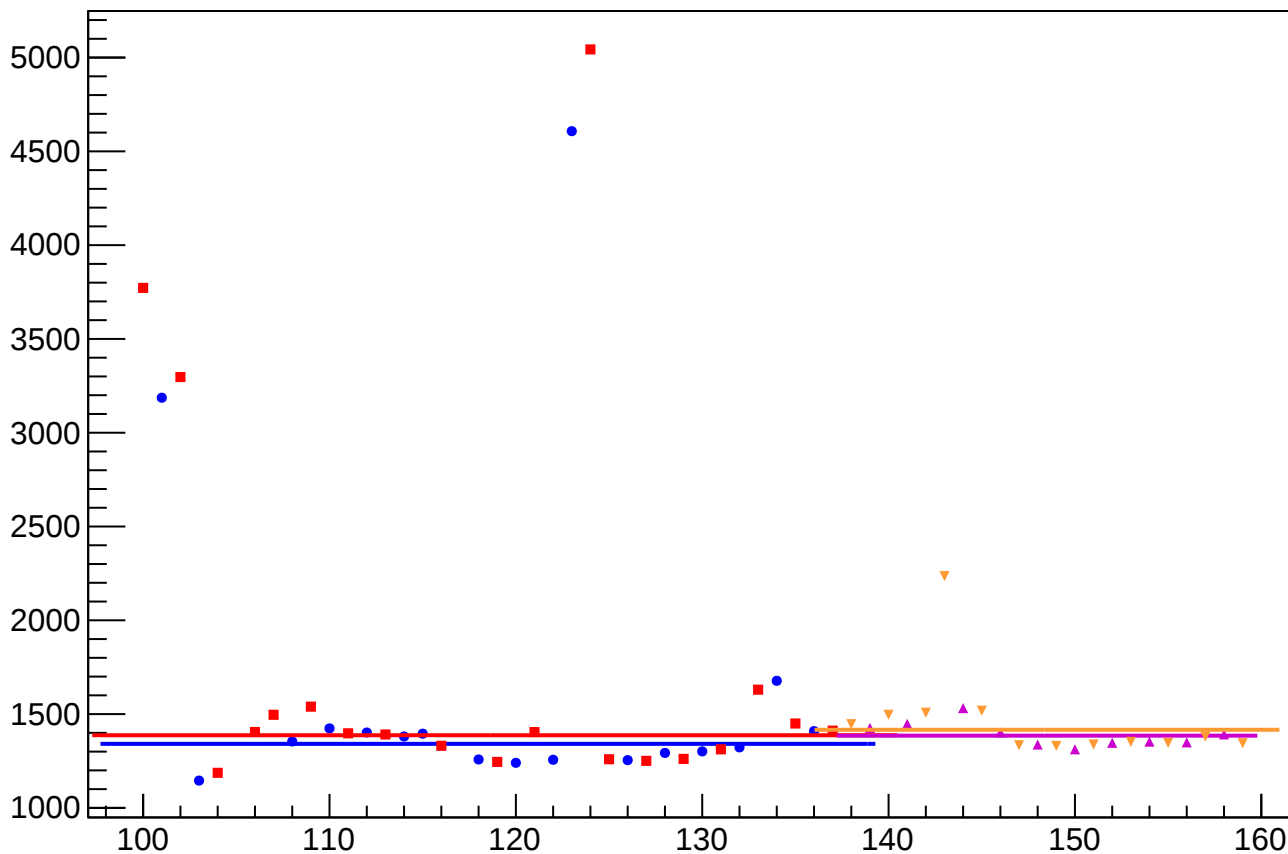
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1662.944 $\pm$ 356.211 χ^2 /NDF:46.3/30

All: 2209.196 $\pm$ 252.372 χ^2 /NDF: 81.3/57

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: 1416.379 $\pm$ 0.336 χ^2 /NDF: 253415.2/11

Right Out: 1387.348 $\pm$ 0.381 χ^2 /NDF: 650193.3/18

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

Left: 1401.025 $\pm$ 0.240 χ^2 /NDF: 288851.4/21

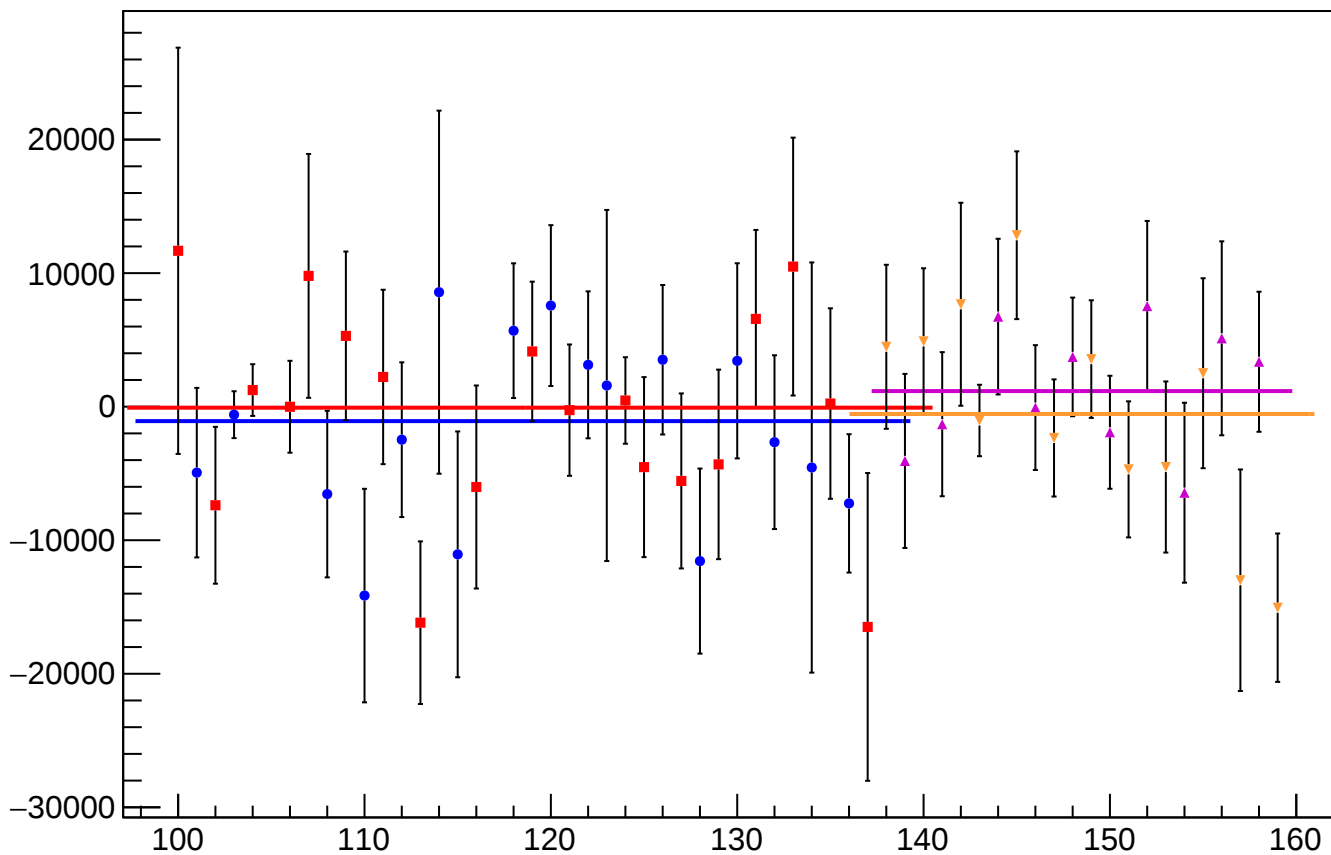
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

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

Out: 1403.704 $\pm$ 0.252 χ^2 /NDF: 906877.4/30

All: 1384.562 $\pm$ 0.178 χ^2 /NDF: 1461319.0/57

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: -546.726+/-1450.145 χ^2/NDF : 18.7/11

Right Out: -74.089+/-1126.219 χ^2/NDF : 18.6/18

Left In: 1168.040+/-1710.899 χ^2/NDF : 5.4/9

Left: 170.162+/-1106.236 χ^2/NDF : 24.8/21

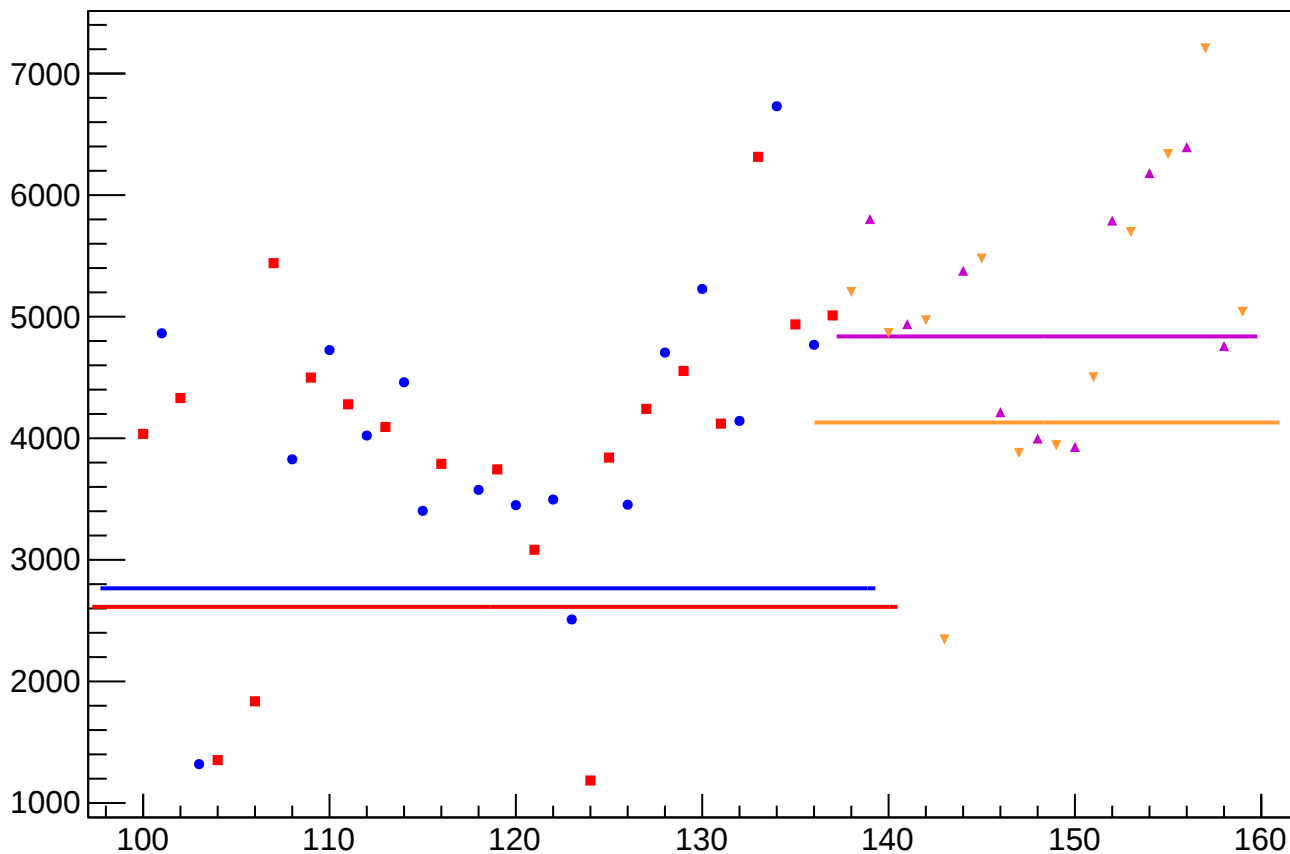
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

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

Out: -251.908+/-889.480 χ^2/NDF : 37.4/30

All: -286.465+/-661.411 χ^2/NDF : 59.0/57

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4129.729+/-1.025 χ^2/NDF : 1766517.5/11

Right Out: 2613.368+/-0.796 χ^2/NDF : 3339918.9/18

Left In: 4837.501+/-1.210 χ^2/NDF : 477673.7/9

Left: 4425.625+/-0.782 χ^2/NDF : 2443369.1/21

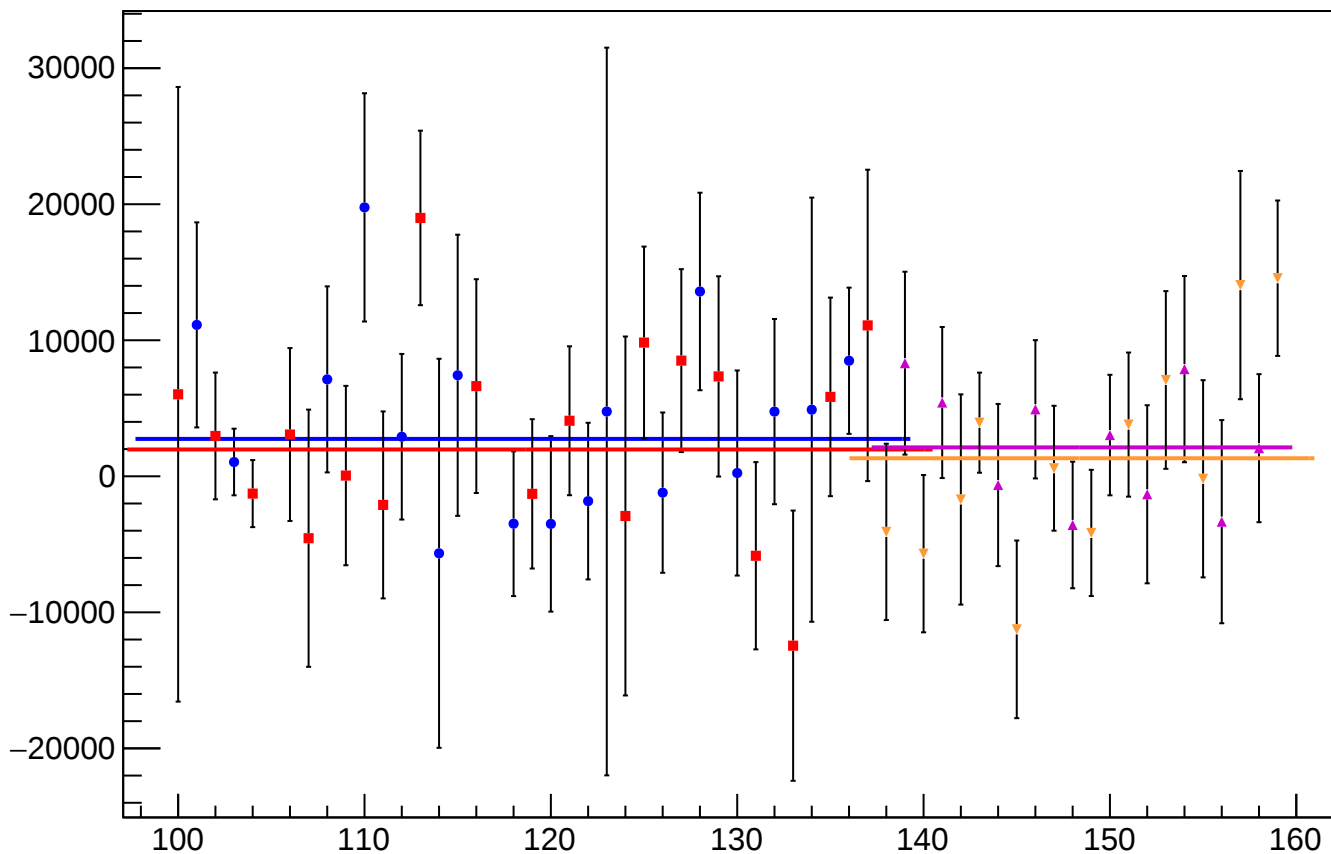
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

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

Out: 3183.863+/-0.629 χ^2/NDF : 6470513.6/30

All: 3306.555+/-0.468 χ^2/NDF : 11924700.9/5

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: 1325.464+/-1612.351 χ^2/NDF : 16.7/11

Right Out: 1971.156+/-1381.709 χ^2/NDF : 17.8/18

Left In: 2123.866+/-1781.879 χ^2/NDF : 4.8/9

Left: 1684.887+/-1195.558 χ^2/NDF : 21.6/21

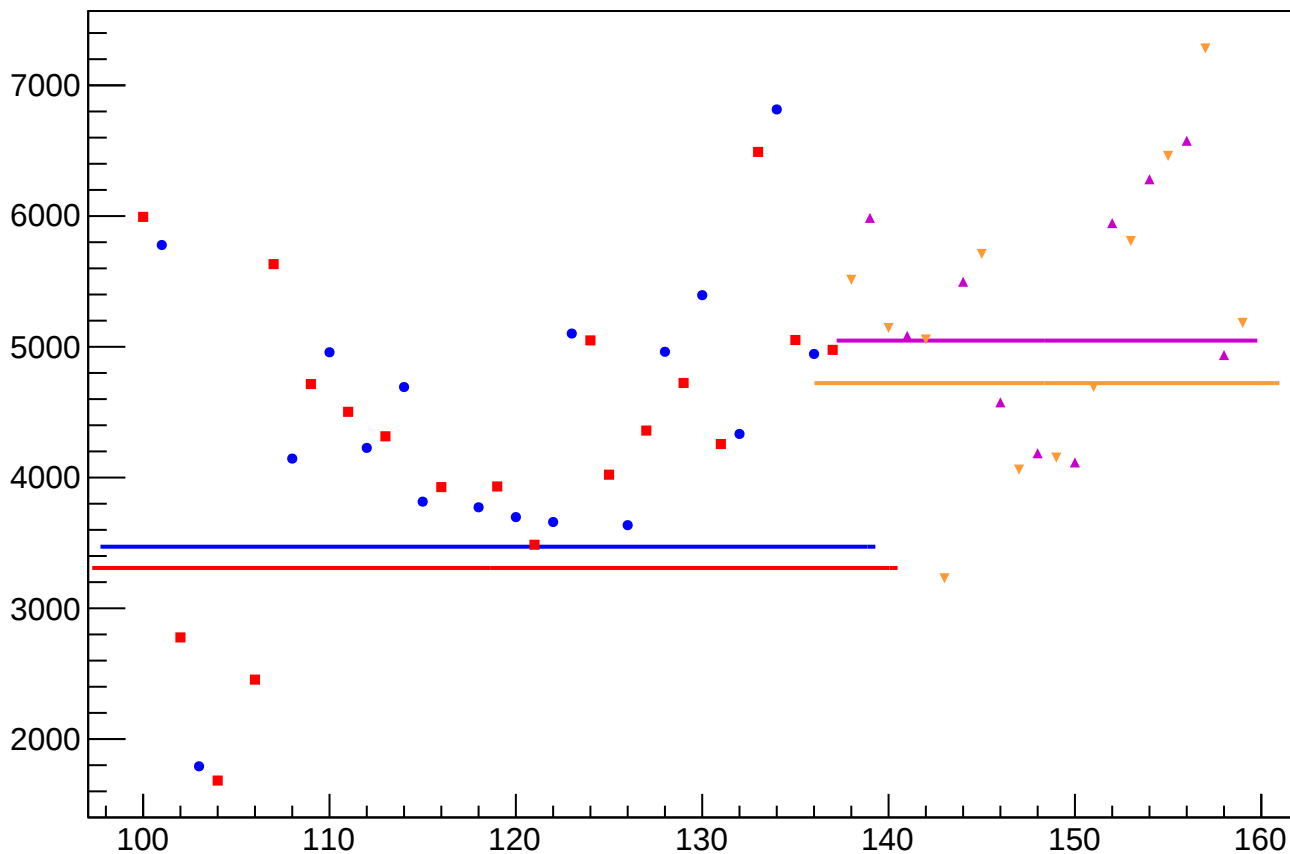
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1697.756+/-1049.170 χ^2/NDF : 34.6/30

All: 2071.706+/-766.682 χ^2/NDF : 53.5/57

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: 4722.404+/-1.140 χ^2/NDF : 860372.4/11

Right Out: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

Left In: 5047.628+/-1.260 χ^2/NDF : 412090.1/9

Left: 4868.813+/-0.845 χ^2/NDF : 1309094.6/21

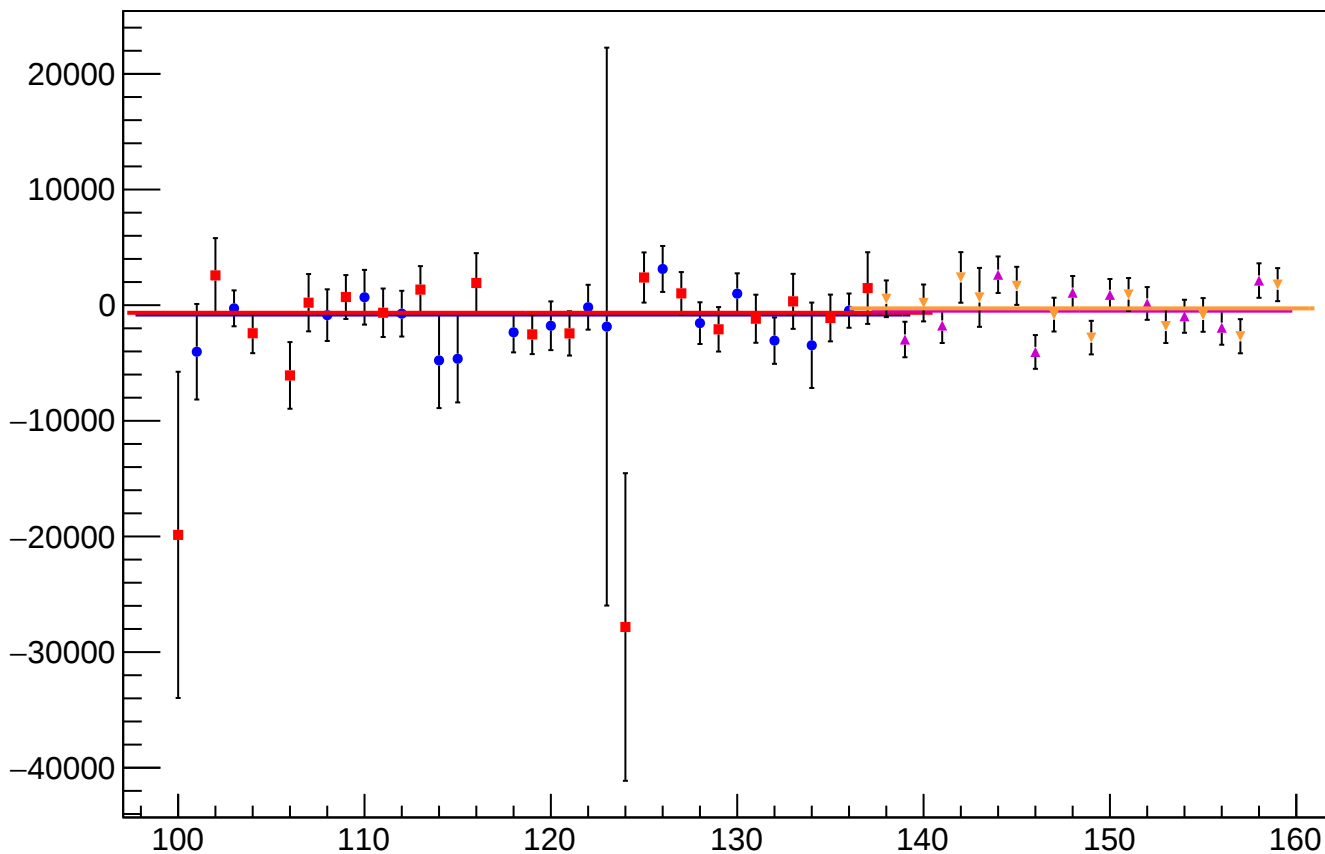
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 3900.880+/-0.738 χ^2/NDF : 3668335.7/30

All: 3991.951+/-0.541 χ^2/NDF : 6824766.8/57

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: -276.483+/-454.486 χ^2/NDF :13.2/11

Right Out: -656.248+/-514.588 χ^2/NDF : 20.4/18

Left In: -475.442+/-463.944 χ^2/NDF :19.7/9

Left: -373.914+/-324.662 χ^2/NDF : 33.1/21

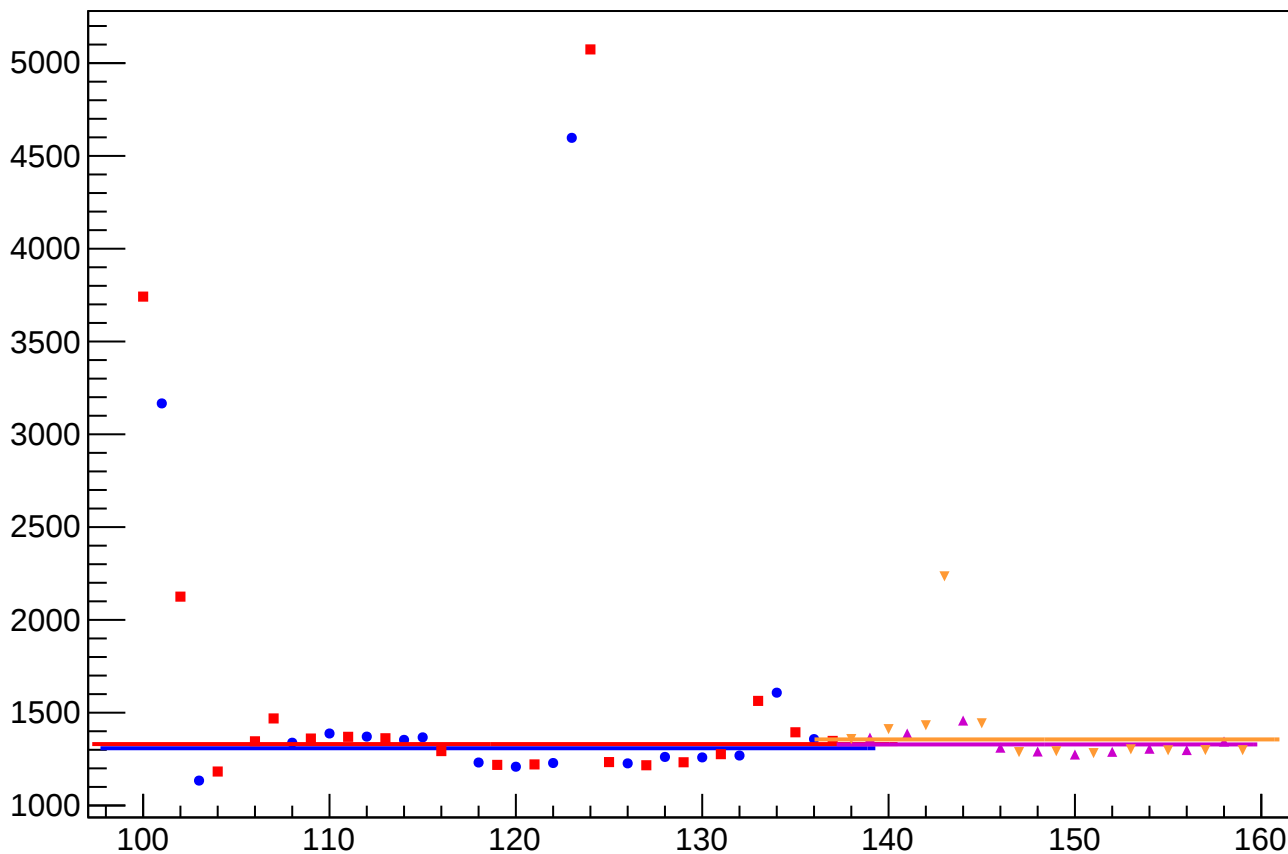
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -442.902+/-340.647 χ^2/NDF :34.0/30

All: -532.062+/-242.623 χ^2/NDF : 65.3/57

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1355.971 $\pm$ 0.321 χ^2 /NDF:274136.4/11

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

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

Left: 1342.735 $\pm$ 0.230 χ^2 /NDF: 303056.1/21

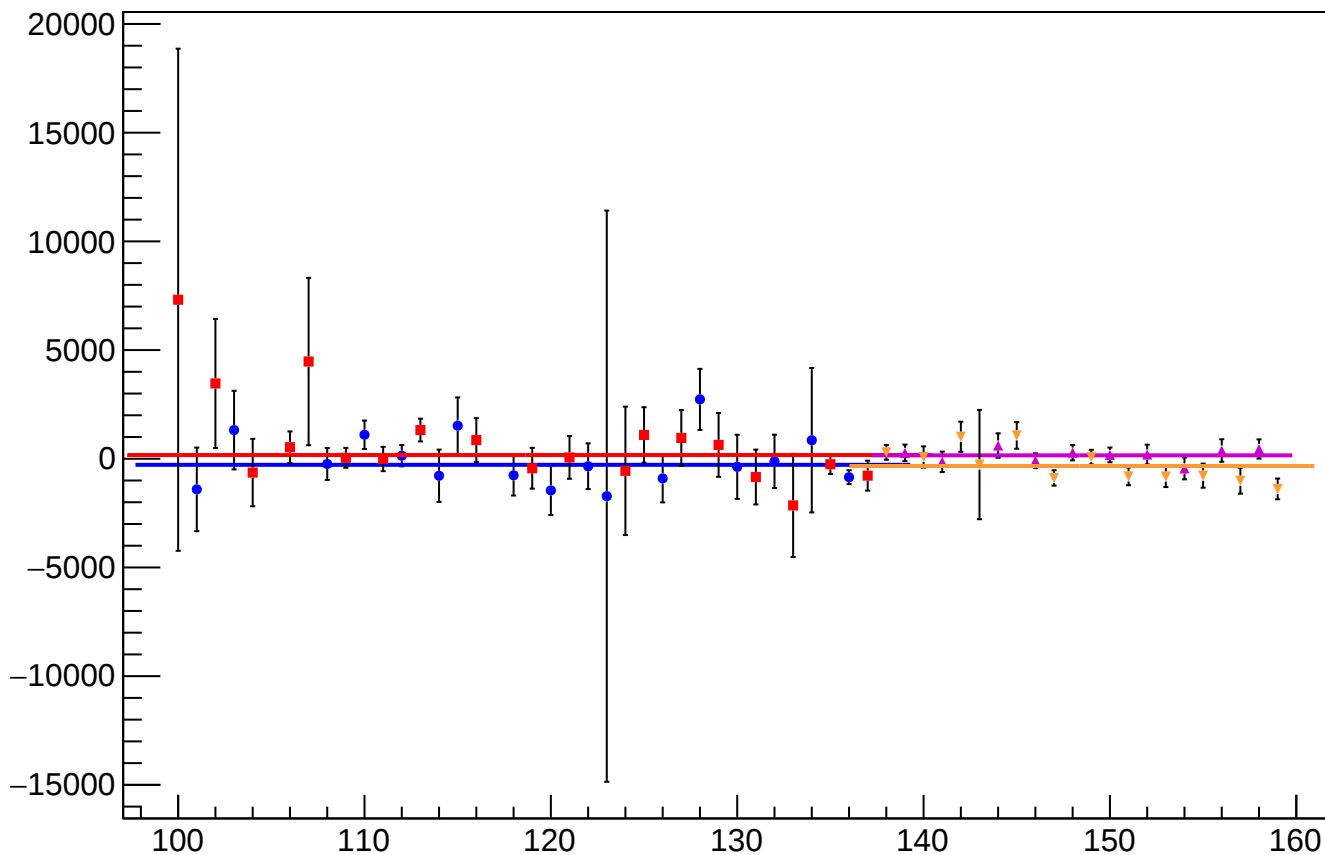
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

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

Out: 1344.967 $\pm$ 0.241 χ^2 /NDF:692657.5/30

All: 1332.561 $\pm$ 0.172 χ^2 /NDF: 1231792.7/57

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -332.947 $\pm$ 134.370 χ^2 /NDF:26.2/11

Right Out: 171.593 $\pm$ 192.461 χ^2 /NDF: 14.7/18

Left In: 157.595 $\pm$ 131.637 χ^2 /NDF:3.9/9

Left: -82.638 $\pm$ 94.033 χ^2 /NDF: 36.9/21

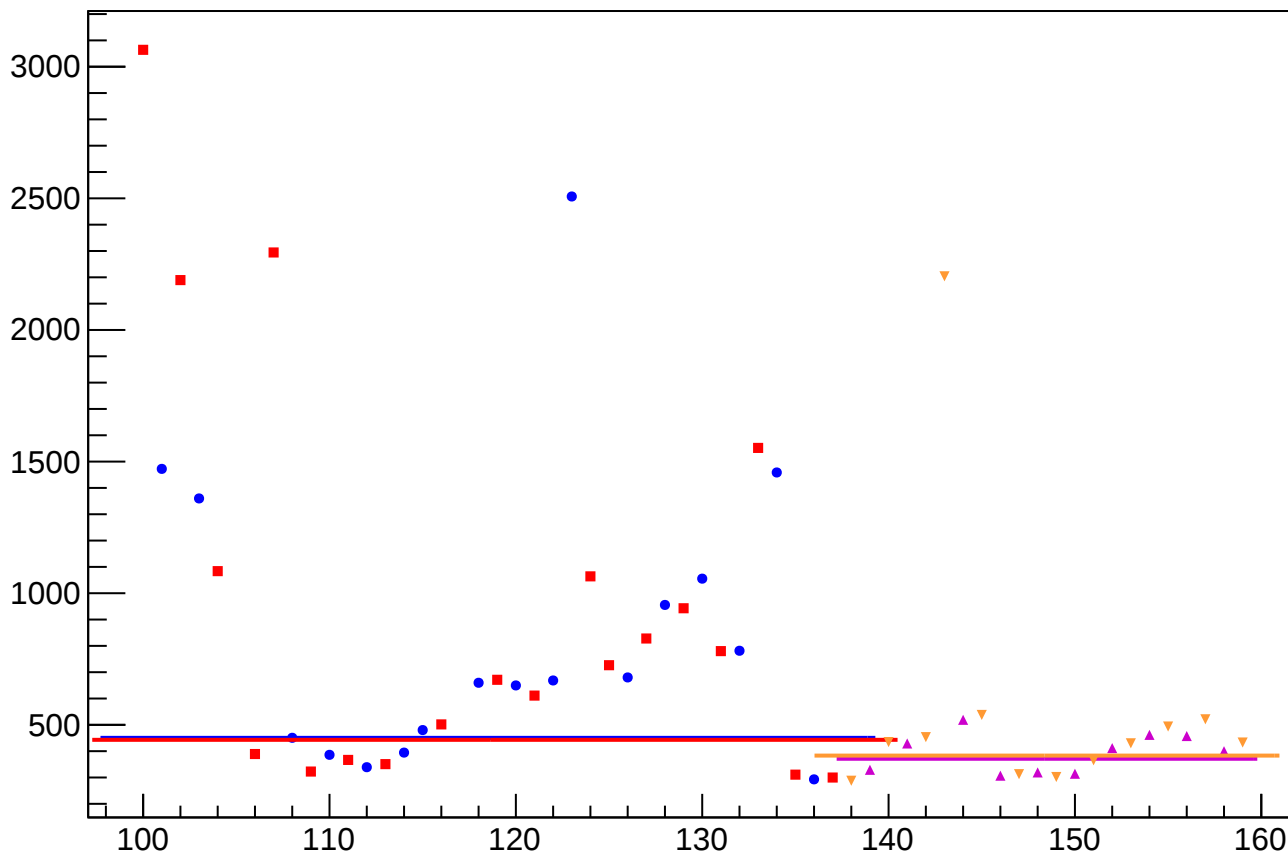
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 23.973 $\pm$ 109.642 χ^2 /NDF:25.3/26

Out: -167.609 $\pm$ 110.175 χ^2 /NDF:45.6/30

All: -71.354 $\pm$ 77.716 χ^2 /NDF: 72.4/57

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 383.199+/-0.095 χ^2/NDF : 1803227.9/11

Right Out: 443.096+/-0.136 χ^2/NDF : 3471372.7/18

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

Left: 377.057+/-0.066 χ^2/NDF : 2320848.8/21

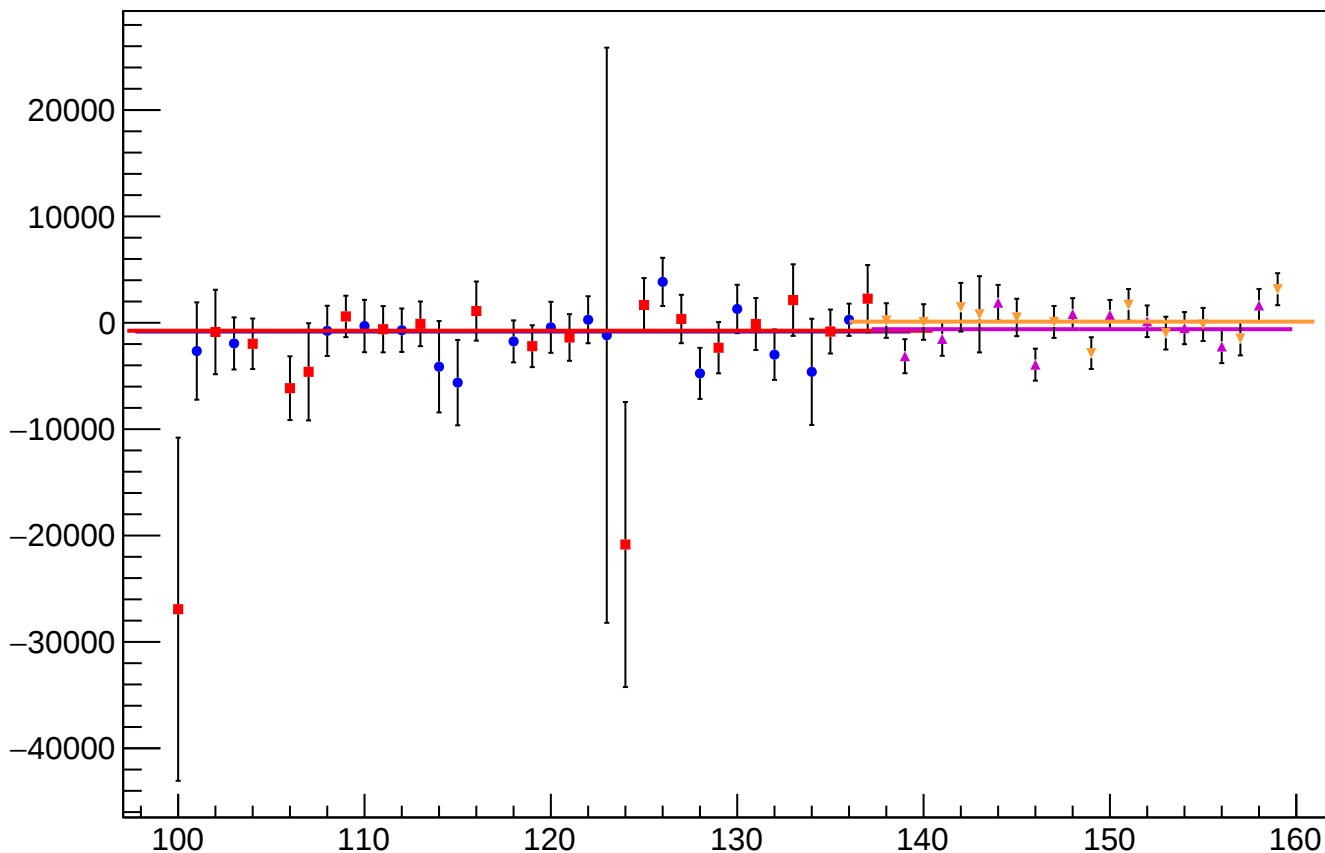
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

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

Out: 402.827+/-0.078 χ^2/NDF : 5404830.4/30

All: 399.141+/-0.055 χ^2/NDF : 9139482.5/57

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: 108.870+/-479.998 χ^2/NDF : 11.1/11

Right Out: -746.365+/-595.659 χ^2/NDF : 14.1/18

Left In: -602.483+/-484.624 χ^2/NDF : 15.2/9

Left: -243.395+/-341.034 χ^2/NDF : 27.4/21

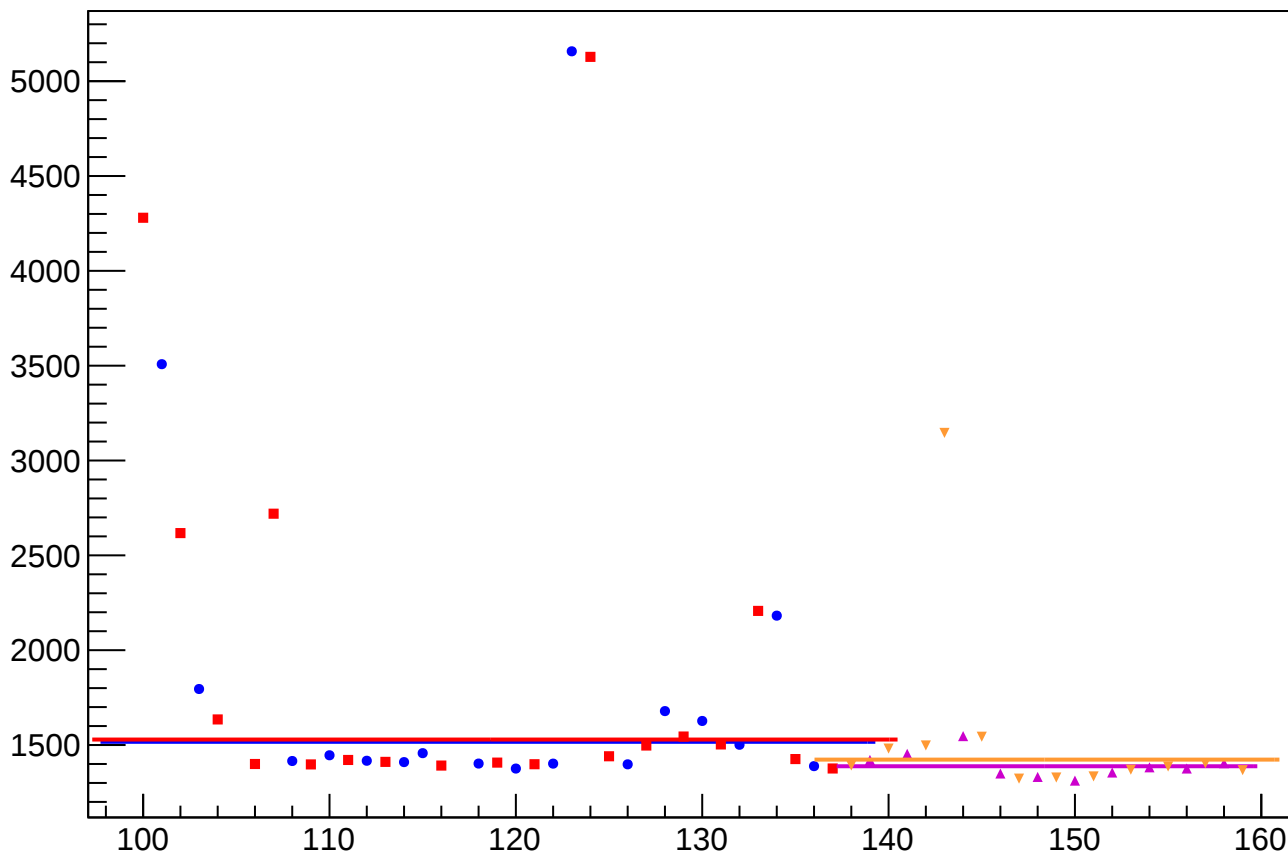
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

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

Out: -227.839+/-373.751 χ^2/NDF : 26.4/30

All: -455.268+/-265.524 χ^2/NDF : 55.2/57

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1423.038 $\pm$ 0.339 χ^2 /NDF: 507265.1/11

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1388.043 $\pm$ 0.343 χ^2 /NDF: 33553.0/9

Left: 1405.708 $\pm$ 0.241 χ^2 /NDF: 546082.6/21

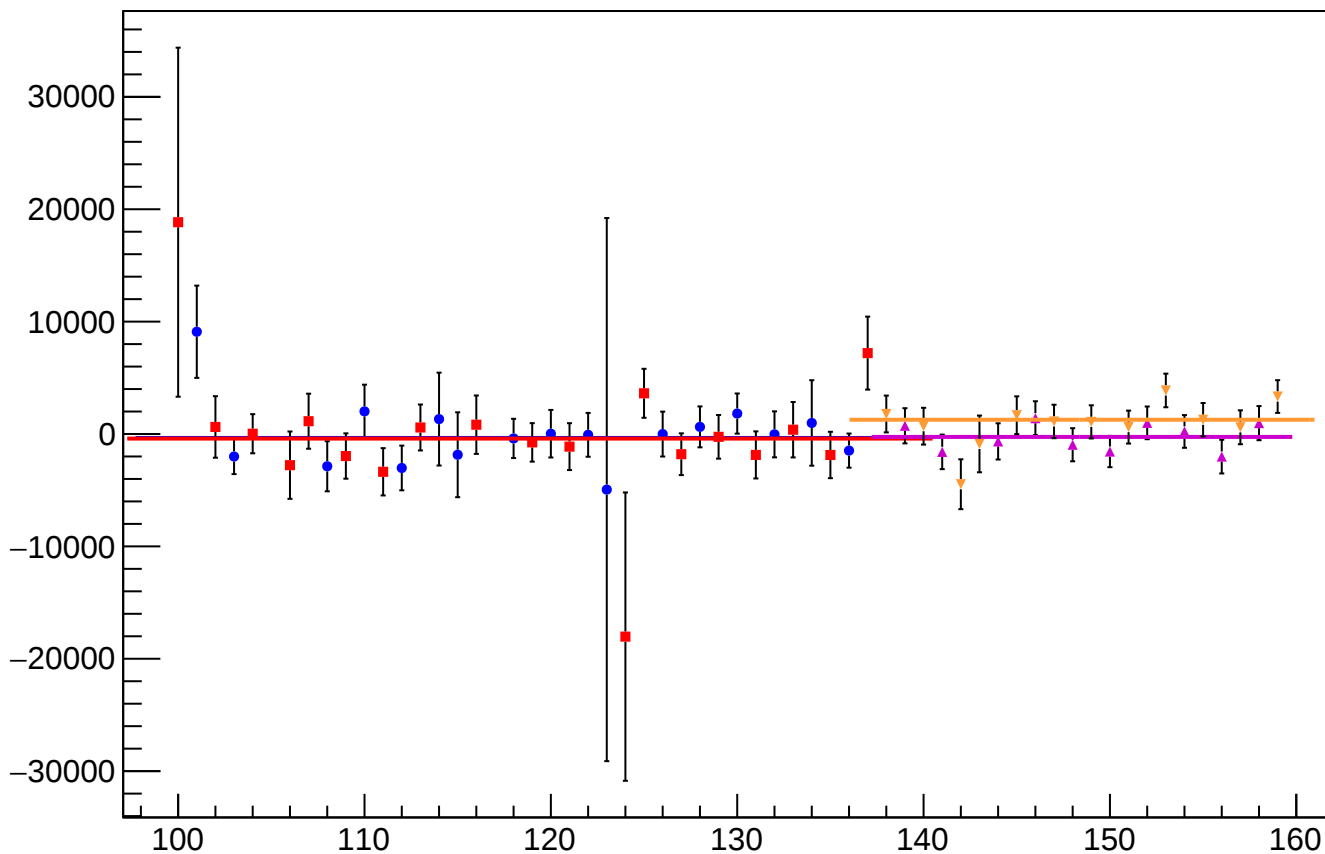
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1438.814 $\pm$ 0.267 χ^2 /NDF: 630319.4/26

Out: 1464.699 $\pm$ 0.264 χ^2 /NDF: 1175715.0/30

All: 1451.879 $\pm$ 0.188 χ^2 /NDF: 1810785.9/57

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 1268.937+/-463.993 χ^2/NDF :13.2/11

Right Out: -407.388+/-522.047 χ^2/NDF : 18.4/18

Left In: -259.963+/-473.674 χ^2/NDF :6.4/9

Left: 520.271+/-331.462 χ^2/NDF : 24.9/21

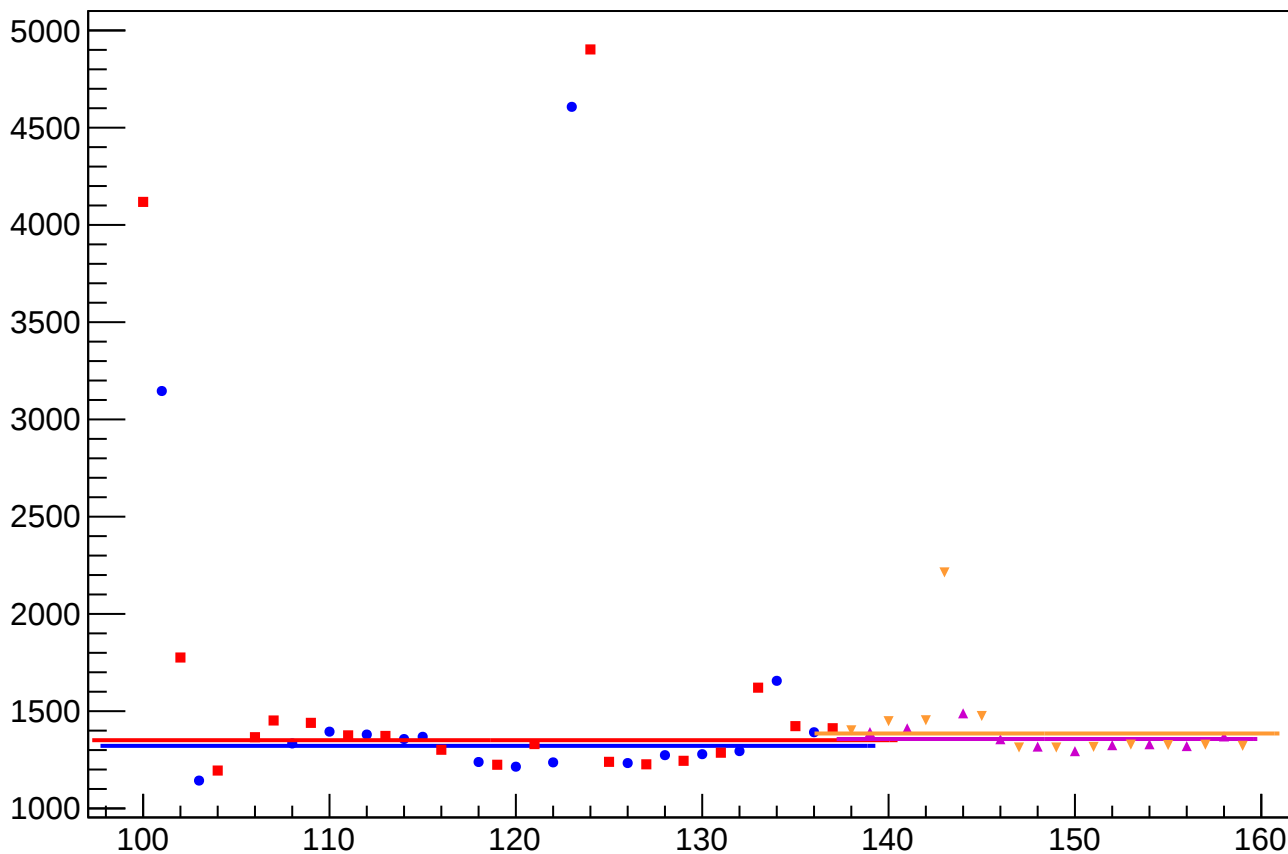
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

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

Out: 529.129+/-346.809 χ^2/NDF :37.3/30

All: 118.813+/-246.763 χ^2/NDF : 60.0/57

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: 1385.264+/-0.328 χ^2/NDF : 252813.2/11

Right Out: 1350.773+/-0.369 χ^2/NDF : 349883.8/18

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

Left: 1371.391+/-0.234 χ^2/NDF : 281876.7/21

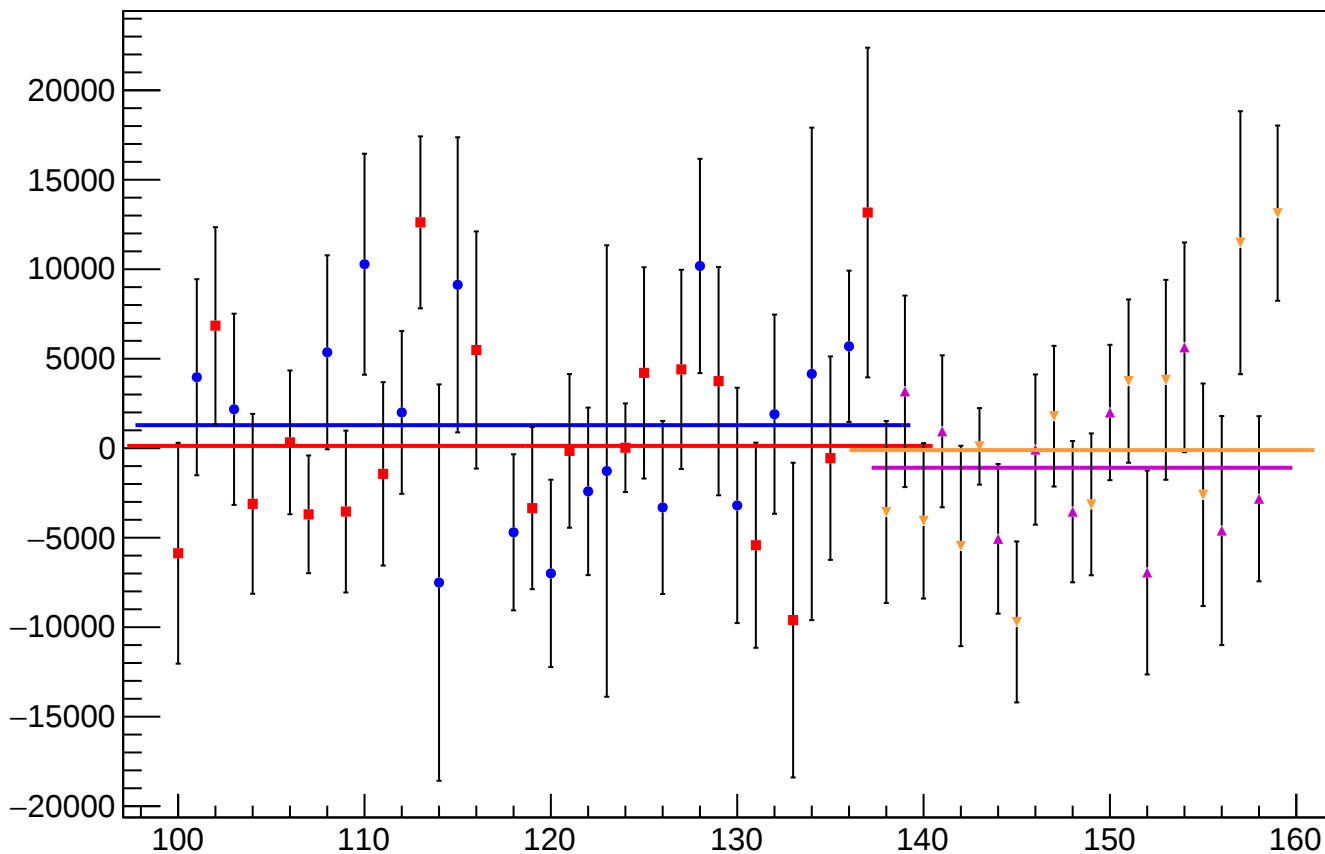
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

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

Out: 1370.033+/-0.245 χ^2/NDF : 607577.2/30

All: 1355.735+/-0.174 χ^2/NDF : 1147107.4/57

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: -105.260+/-1206.904 χ^2/NDF : 18.8/11

Right Out: 128.973+/-1088.247 χ^2/NDF : 18.5/18

Left In: -1091.497+/-1458.862 χ^2/NDF : 5.7/9

Left: -505.989+/-929.927 χ^2/NDF : 24.7/21

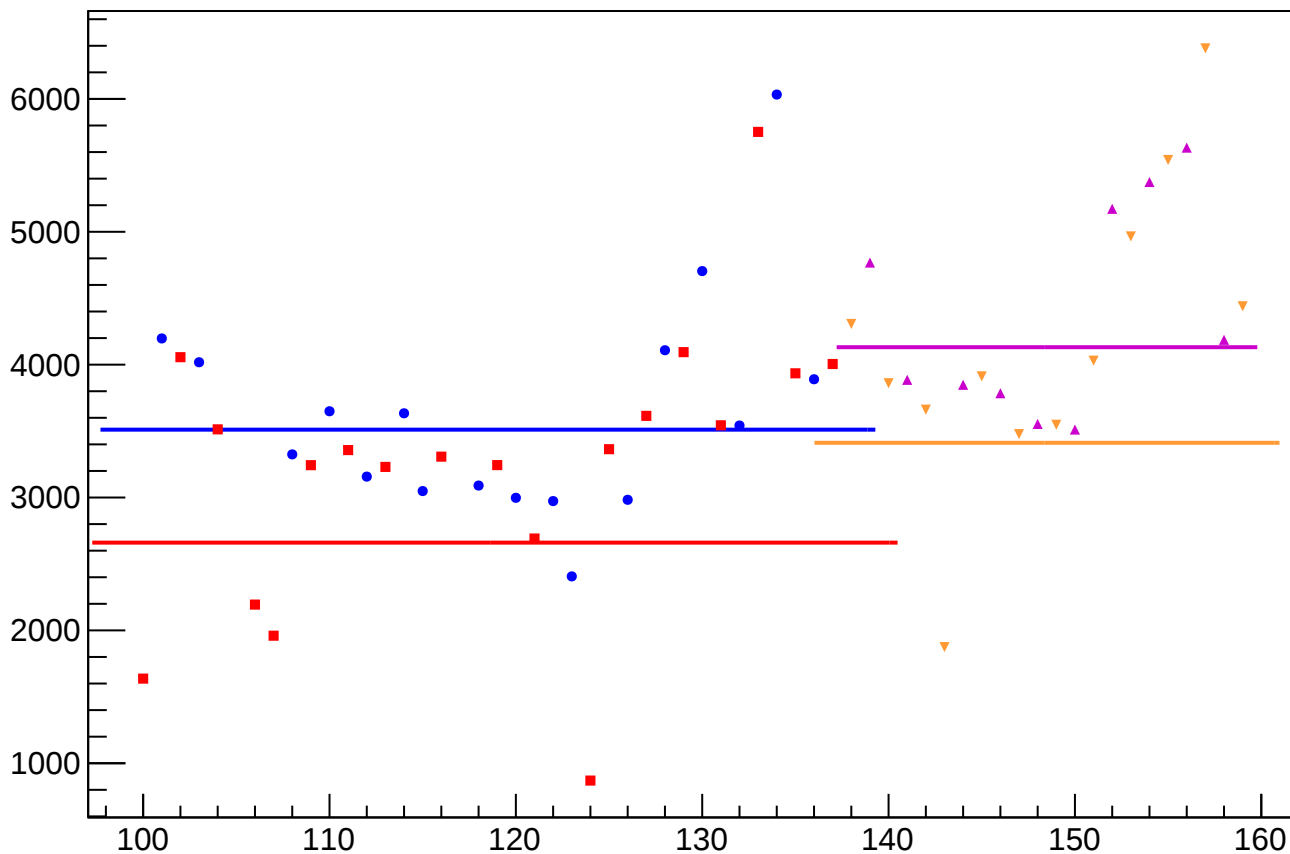
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: 23.934+/-808.210 χ^2/NDF : 37.3/30

All: 80.636+/-628.813 χ^2/NDF : 58.7/57

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3411.841+/-0.853 χ^2/NDF : 1990187.6/11

Right Out: 2660.636+/-0.770 χ^2/NDF : 2182658.0/18

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

Left: 3704.216+/-0.658 χ^2/NDF : 2700913.6/21

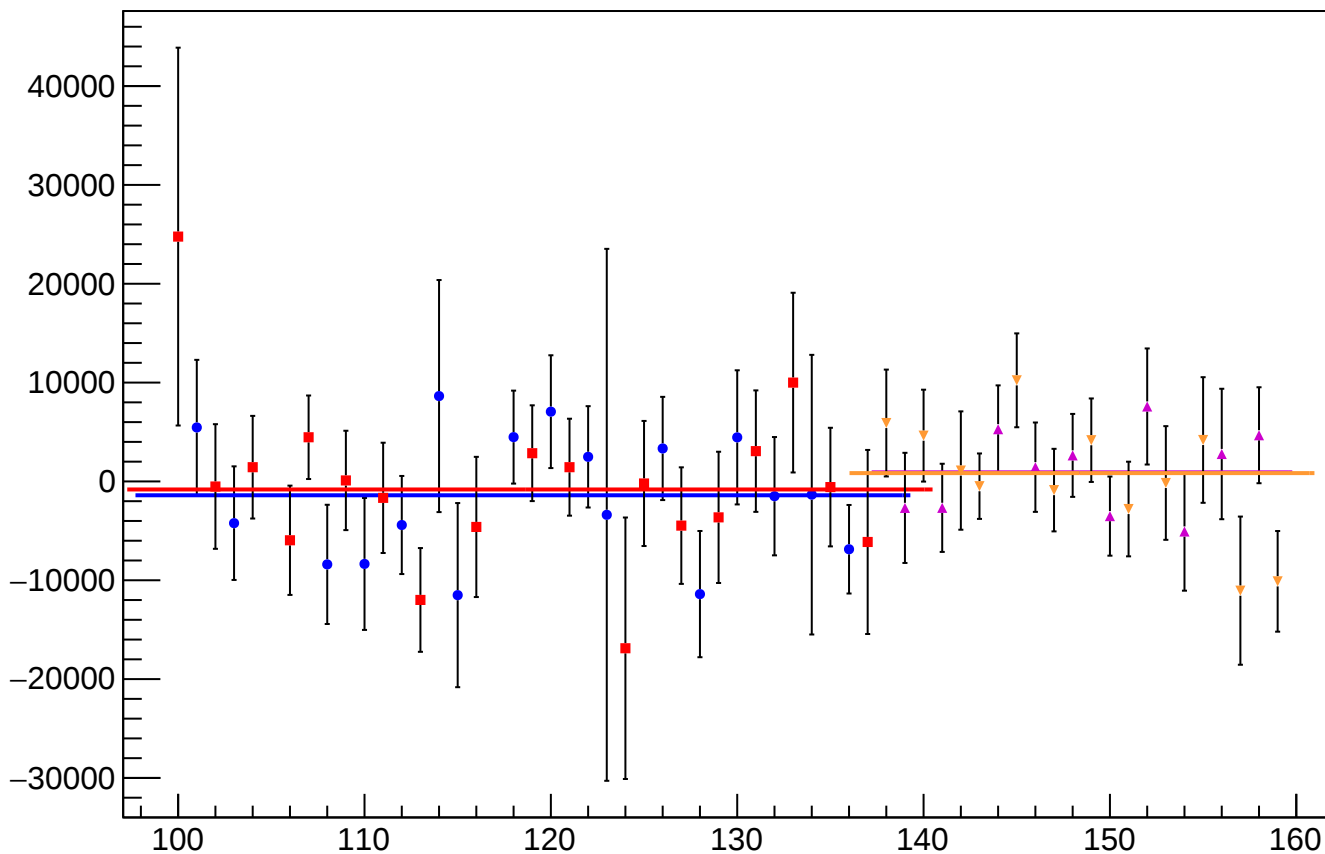
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

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

Out: 2997.506+/-0.571 χ^2/NDF : 4600206.5/30

All: 3315.387+/-0.445 χ^2/NDF : 6341614.5/57

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 841.219 $\pm$ 1397.043 χ^2 /NDF:14.4/11

Right Out: -814.071 $\pm$ 1379.106 χ^2 /NDF: 14.3/18

Left In: 920.091 $\pm$ 1536.162 χ^2 /NDF:6.4/9

Left: 876.923 $\pm$ 1033.550 χ^2 /NDF: 20.8/21

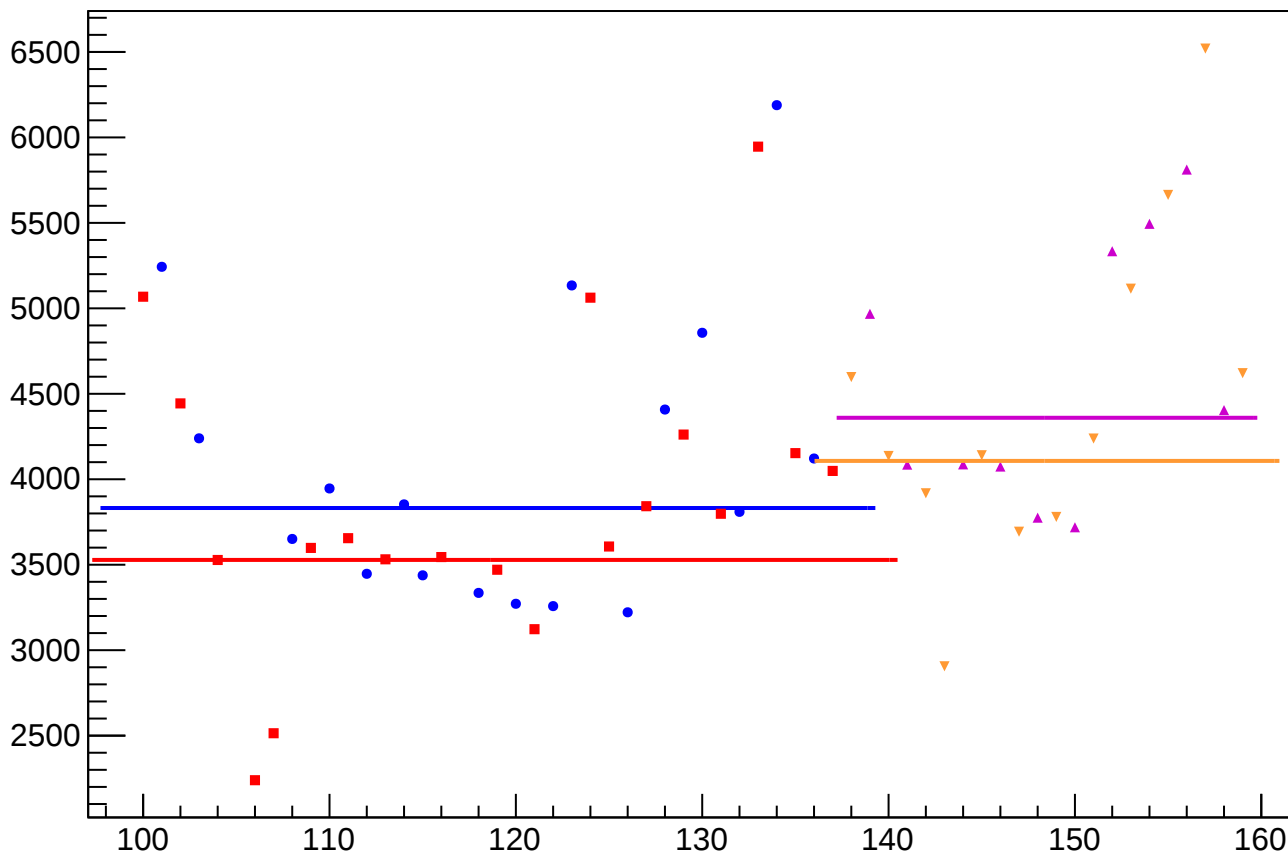
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

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

Out: 2.879 $\pm$ 981.455 χ^2 /NDF:29.4/30

All: -118.986 $\pm$ 724.731 χ^2 /NDF: 52.8/57

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4107.387+/-0.988 χ^2/NDF : 724199.0/11

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

Left In: 4359.721+/-1.086 χ^2/NDF : 360833.8/9

Left: 4221.613+/-0.731 χ^2/NDF : 1114568.6/21

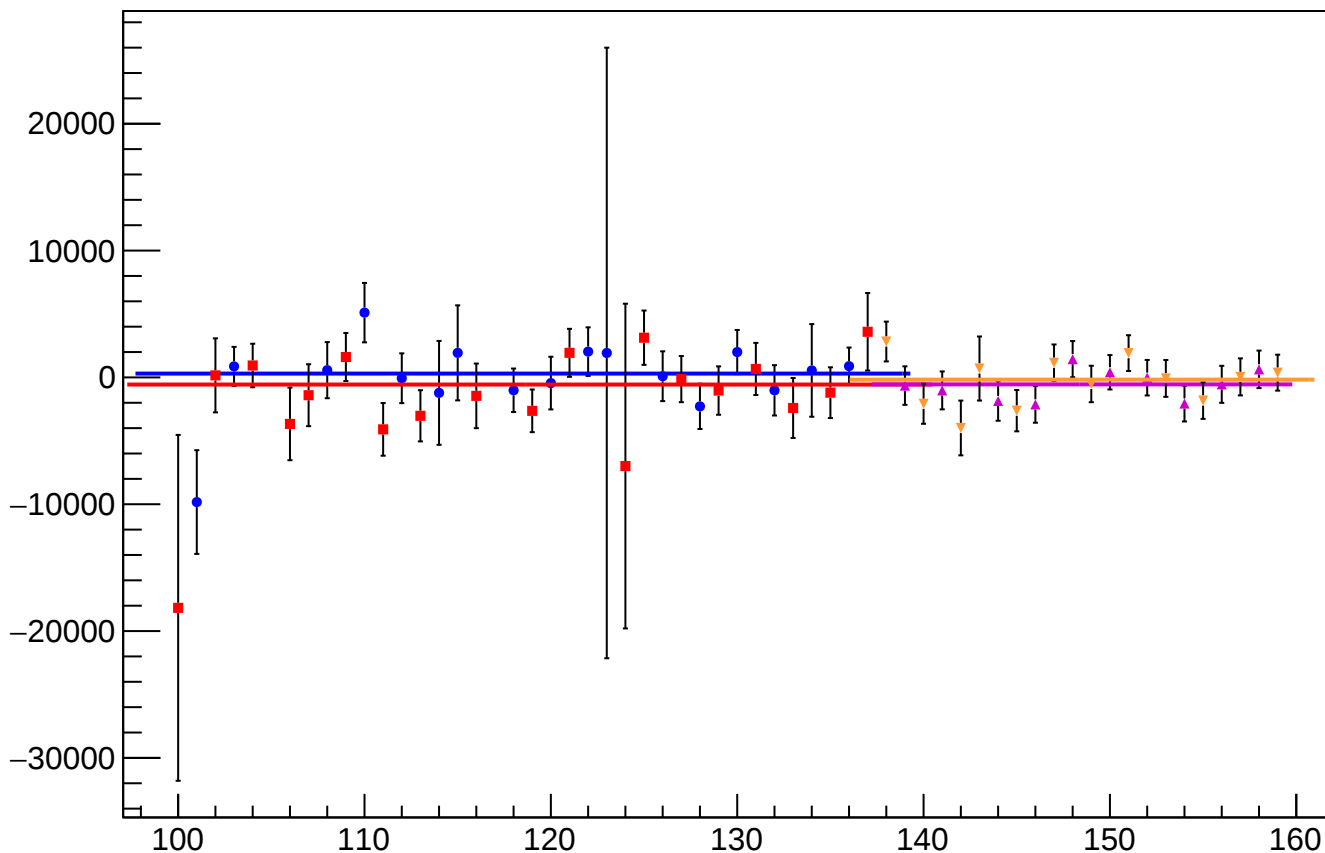
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4090.205+/-0.760 χ^2/NDF : 819126.1/26

Out: 3811.356+/-0.691 χ^2/NDF : 1457119.6/30

All: 3937.516+/-0.511 χ^2/NDF : 2349970.5/57

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968+/-512.834 χ^2/NDF : 16.1/16

Left Out: -174.907+/-449.819 χ^2/NDF :15.2/11

Right Out: -562.233+/-508.331 χ^2/NDF : 19.1/18

Left In: -549.263+/-459.089 χ^2/NDF :6.4/9

Left: -358.267+/-321.297 χ^2/NDF : 21.9/21

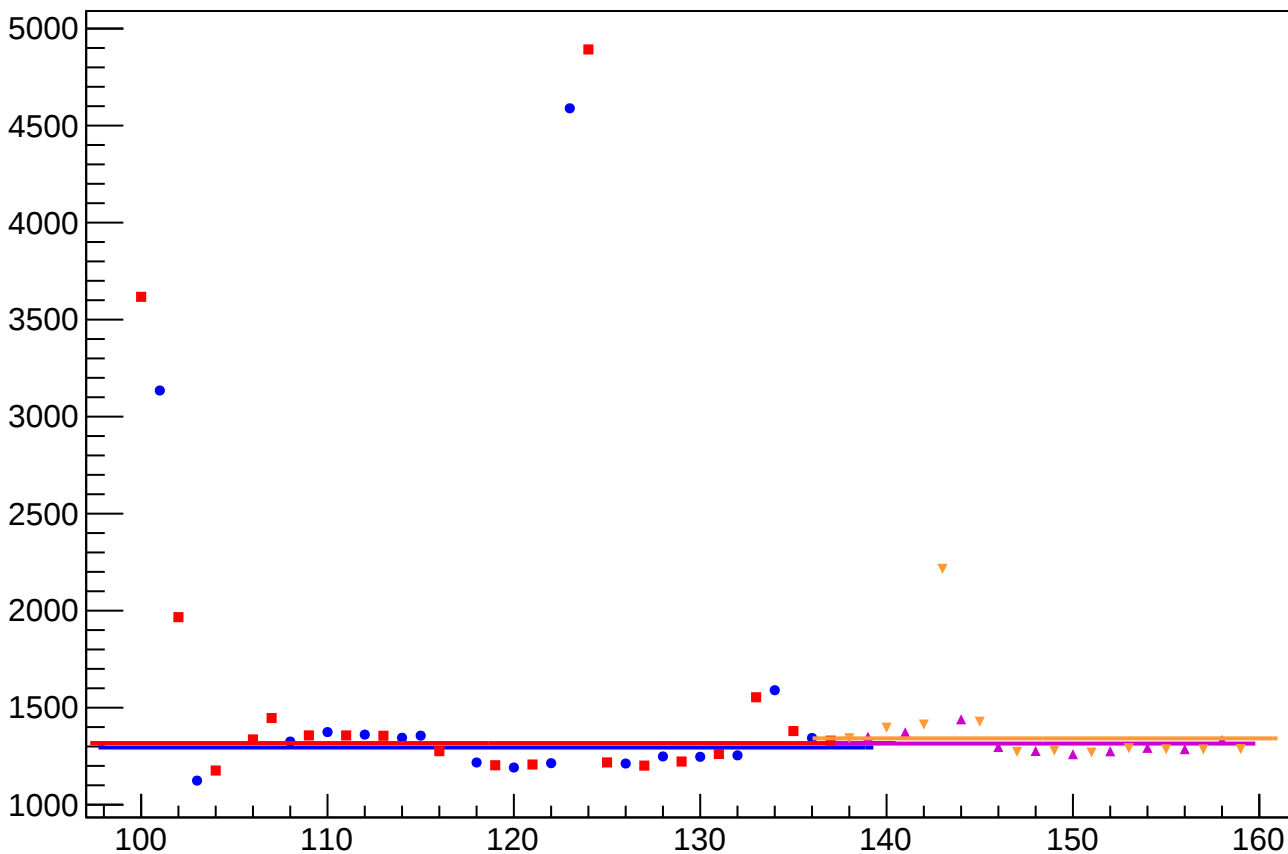
Right: -133.943+/-361.026 χ^2/NDF : 36.6/35

In: -170.575+/-342.053 χ^2/NDF :24.0/26

Out: -345.005+/-336.866 χ^2/NDF :34.7/30

All: -259.123+/-240.013 χ^2/NDF : 58.8/57

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1341.936+/-0.318 χ^2/NDF : 274798.4/11

Right Out: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

Left In: 1315.021+/-0.325 χ^2/NDF : 25152.8/9

Left: 1328.753+/-0.227 χ^2/NDF : 303458.3/21

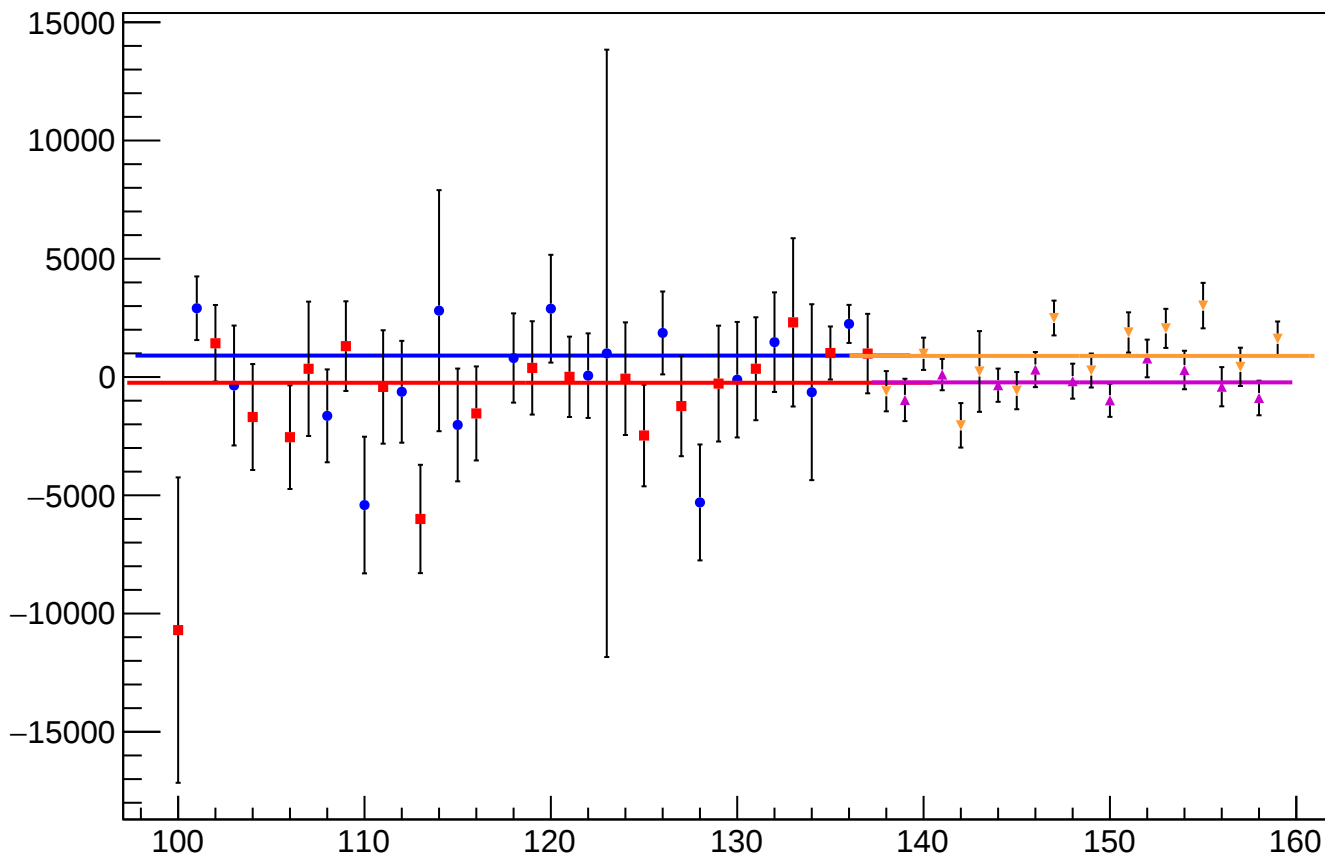
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1305.994+/-0.242 χ^2/NDF : 534695.1/26

Out: 1331.332+/-0.238 χ^2/NDF : 668136.9/30

All: 1318.856+/-0.170 χ^2/NDF : 1208402.9/57

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 893.298+/-237.475 χ^2/NDF :31.5/11

Right Out: -242.305+/-463.339 χ^2/NDF : 16.5/18

Left In: -226.207+/-238.114 χ^2/NDF :5.6/9

Left: 335.049+/-168.146 χ^2/NDF : 48.1/21

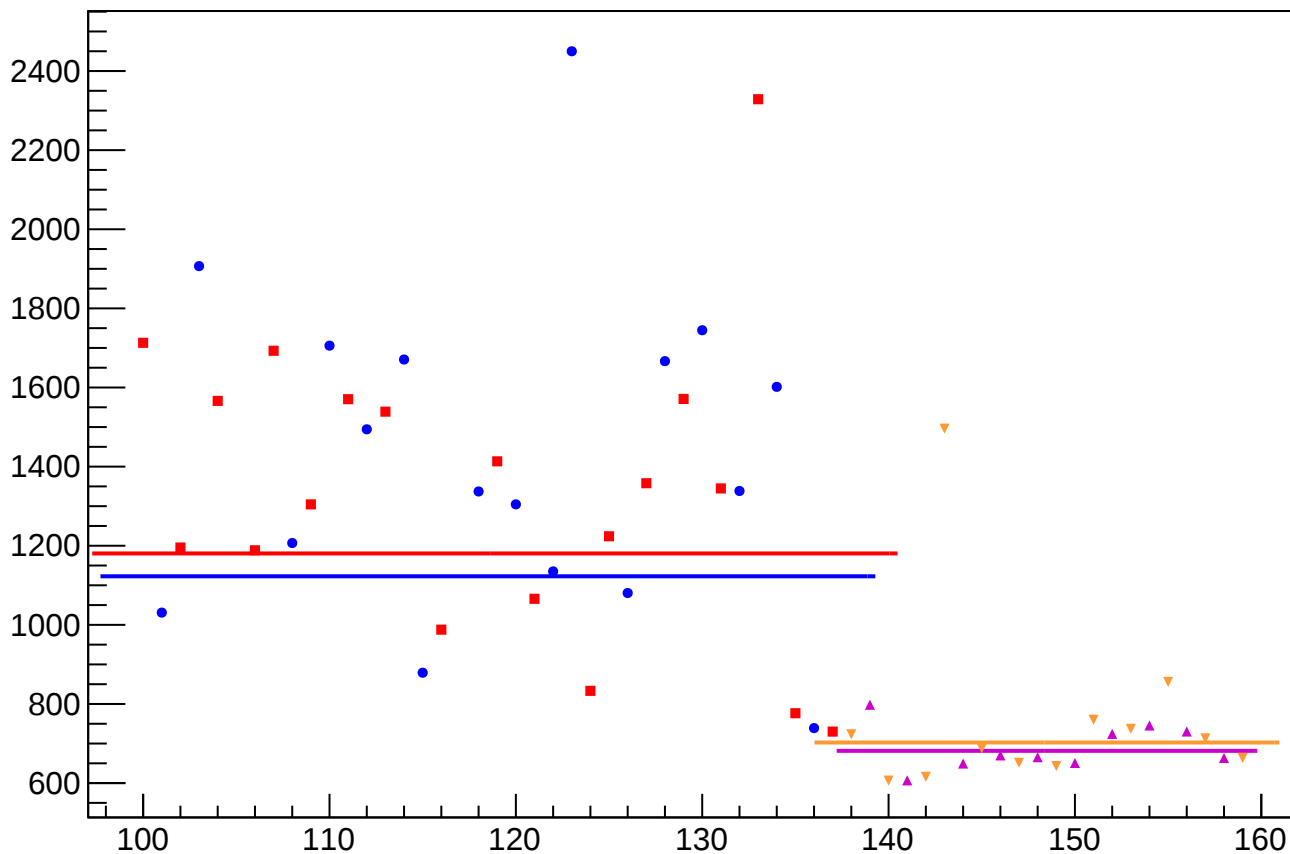
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

In: 16.651+/-211.054 χ^2/NDF :32.4/26

Out: 657.049+/-211.334 χ^2/NDF :52.7/30

All: 336.425+/-149.337 χ^2/NDF : 89.7/57

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: 702.629+/-0.168 χ^2/NDF : 583709.9/11

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 681.537+/-0.168 χ^2/NDF : 95062.6/9

Left: 692.111+/-0.119 χ^2/NDF : 686640.5/21

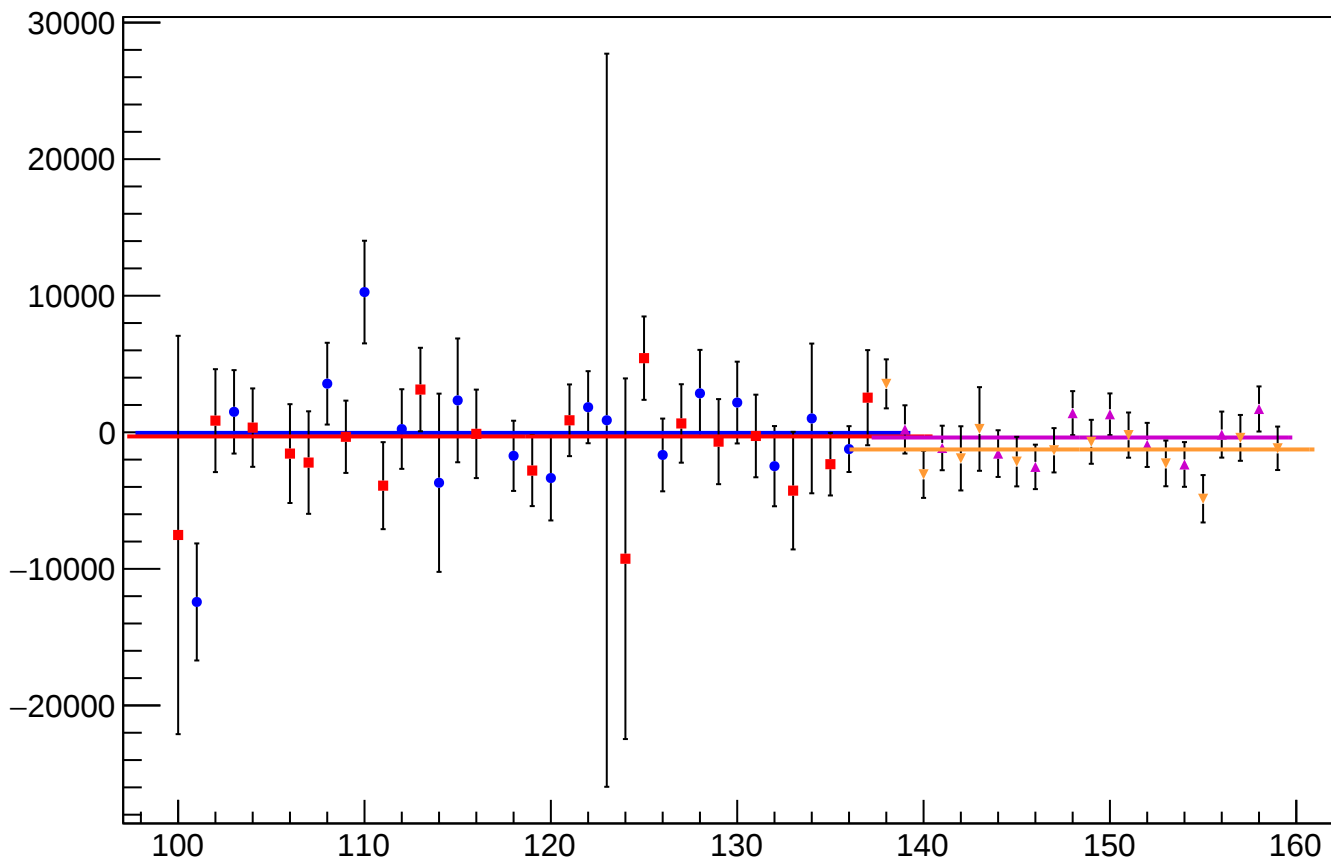
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

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

Out: 802.056+/-0.149 χ^2/NDF : 3304304.1/30

All: 789.073+/-0.106 χ^2/NDF : 6074638.9/57

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1257.113 ± 512.442 χ^2/NDF : 14.3/11

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -381.988 ± 519.496 χ^2/NDF : 8.2/9

Left: -825.532 ± 364.820 χ^2/NDF : 24.0/21

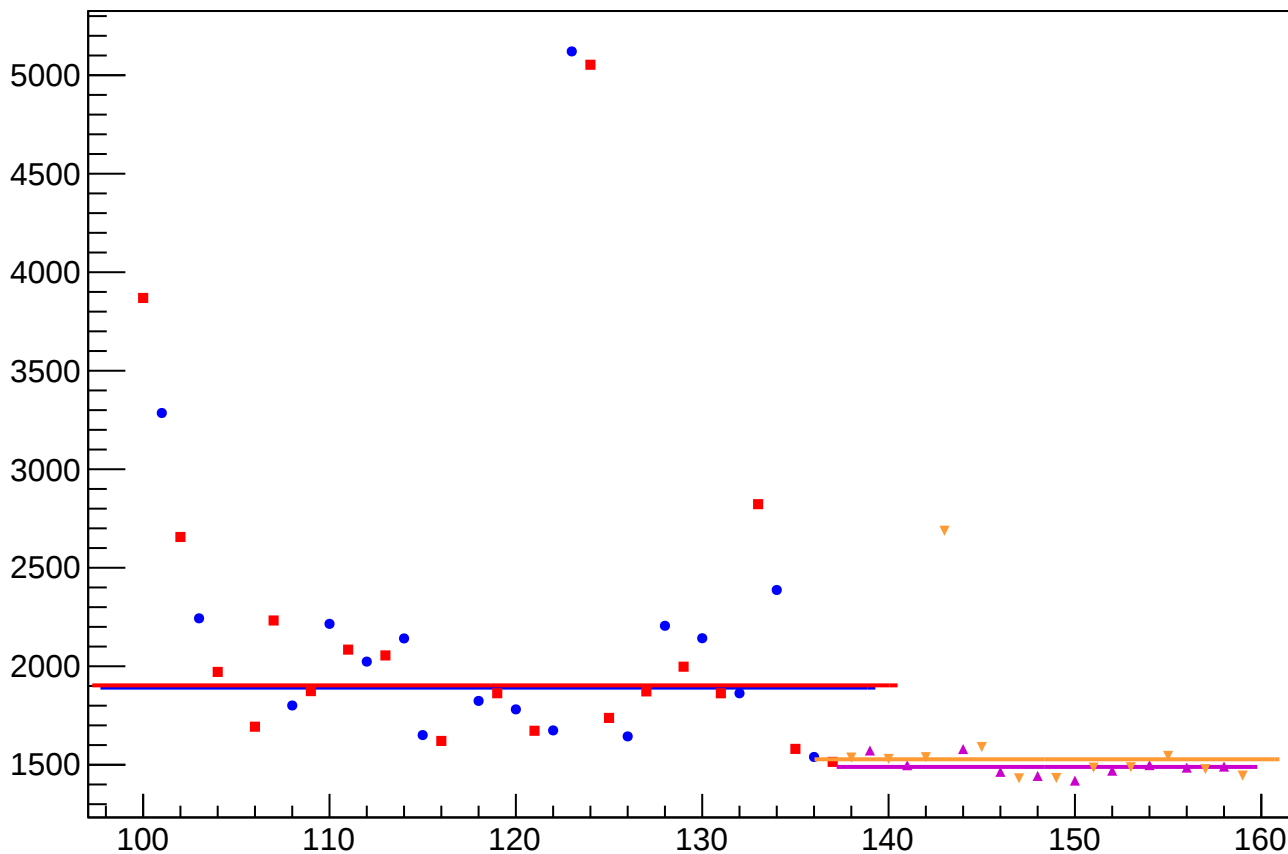
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

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

Out: -944.956 ± 420.260 χ^2/NDF : 26.3/30

All: -613.545 ± 299.388 χ^2/NDF : 59.1/57

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1527.877 $\pm$ 0.362 χ^2 /NDF: 313263.5/11

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

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

Left: 1508.771 $\pm$ 0.258 χ^2 /NDF: 335620.1/21

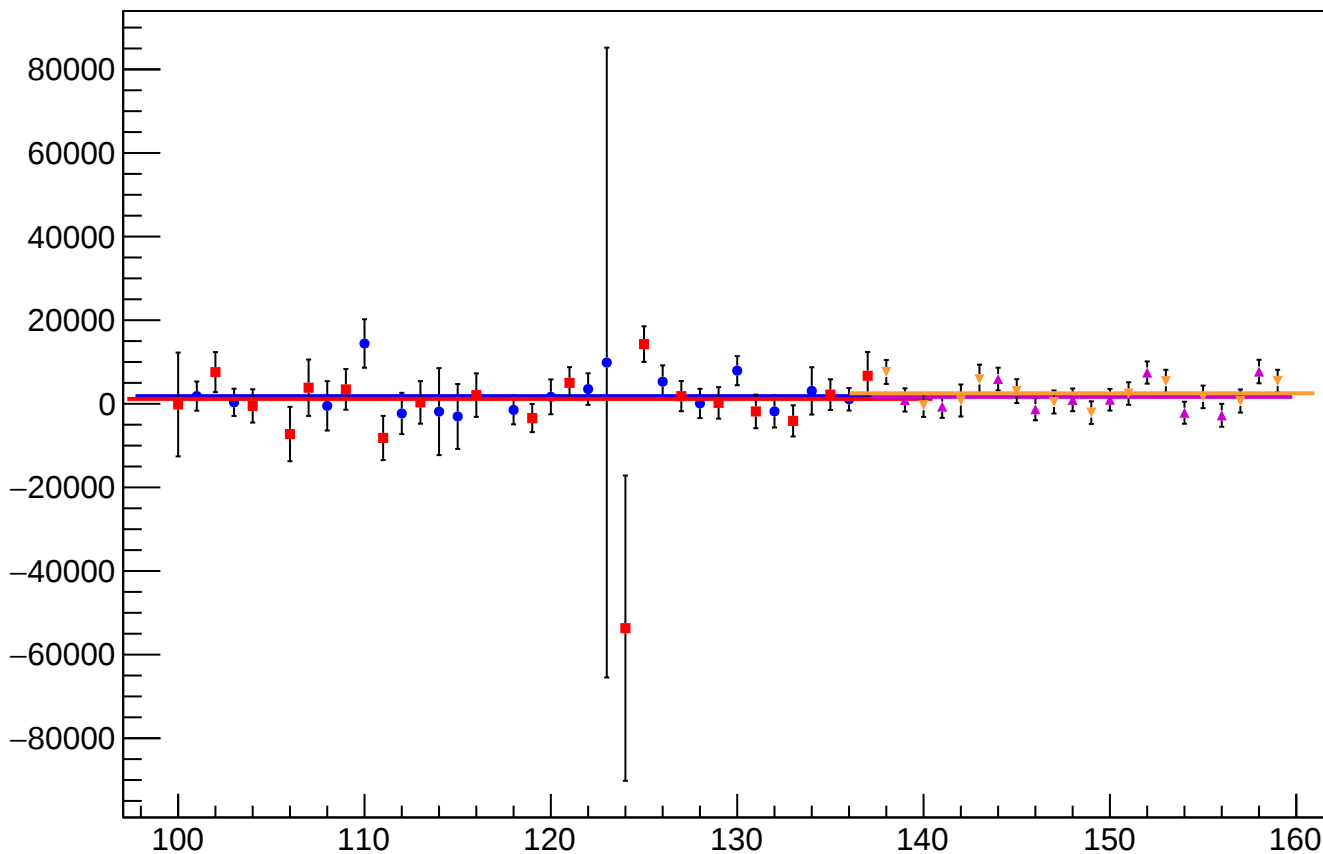
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

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

Out: 1650.704 $\pm$ 0.297 χ^2 /NDF: 1124341.2/30

All: 1635.688 $\pm$ 0.212 χ^2 /NDF: 2006359.2/57

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2512.300 $\pm$ 826.100 χ^2 /NDF: 11.6/11

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1662.723 $\pm$ 853.022 χ^2 /NDF: 18.7/9

Left: 2101.129 $\pm$ 593.430 χ^2 /NDF: 30.9/21

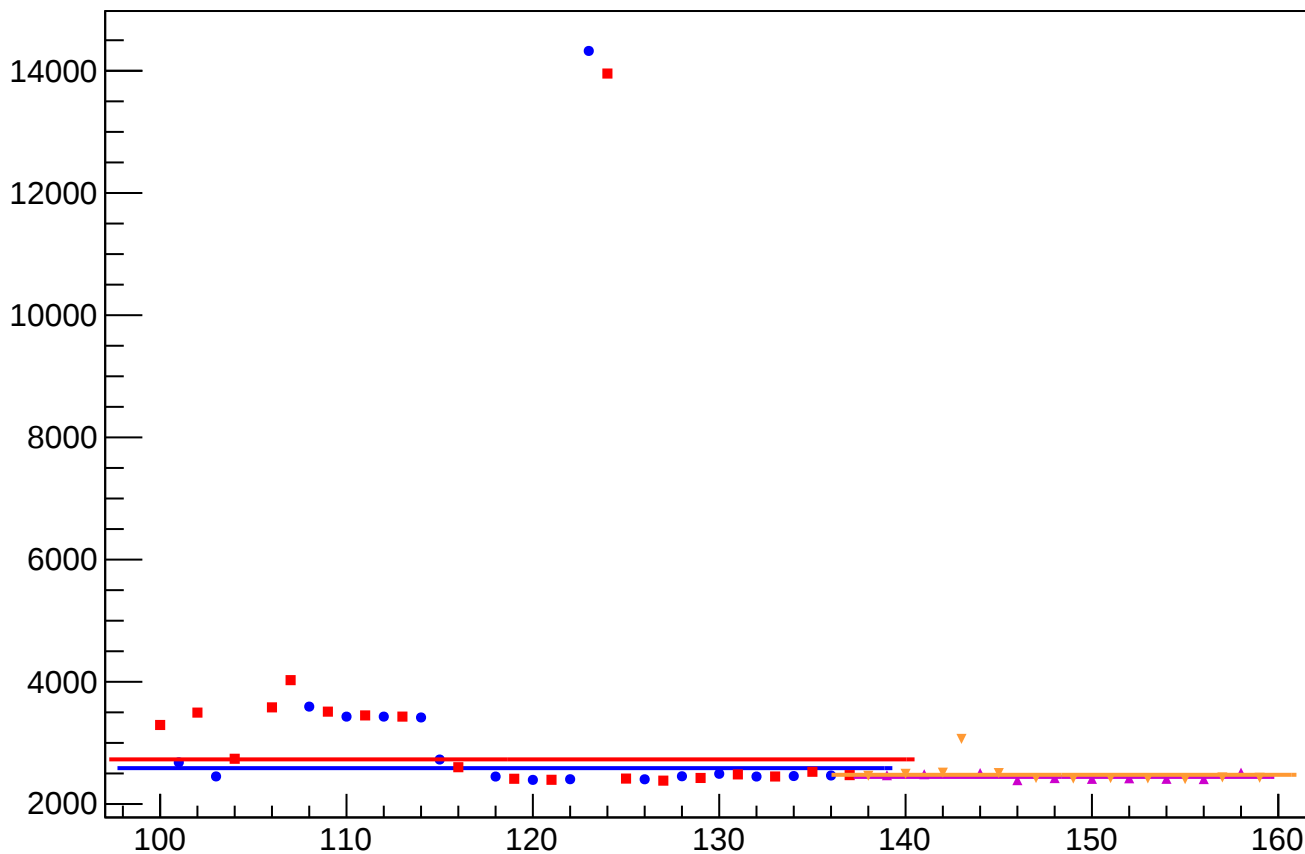
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1730.289 $\pm$ 651.737 χ^2 /NDF: 31.3/26

Out: 1998.030 $\pm$ 648.343 χ^2 /NDF: 38.1/30

All: 1864.858 $\pm$ 459.643 χ^2 /NDF: 69.5/57

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2 /NDF: 254112.7/16

Left Out: 2478.065+/-0.584 χ^2 /NDF:62281.6/11

Right Out: 2730.484+/-0.740 χ^2 /NDF: 584993.0/18

Left In: 2443.493+/-0.603 χ^2 /NDF:5015.3/9

Left: 2461.333+/-0.420 χ^2 /NDF: 68992.2/21

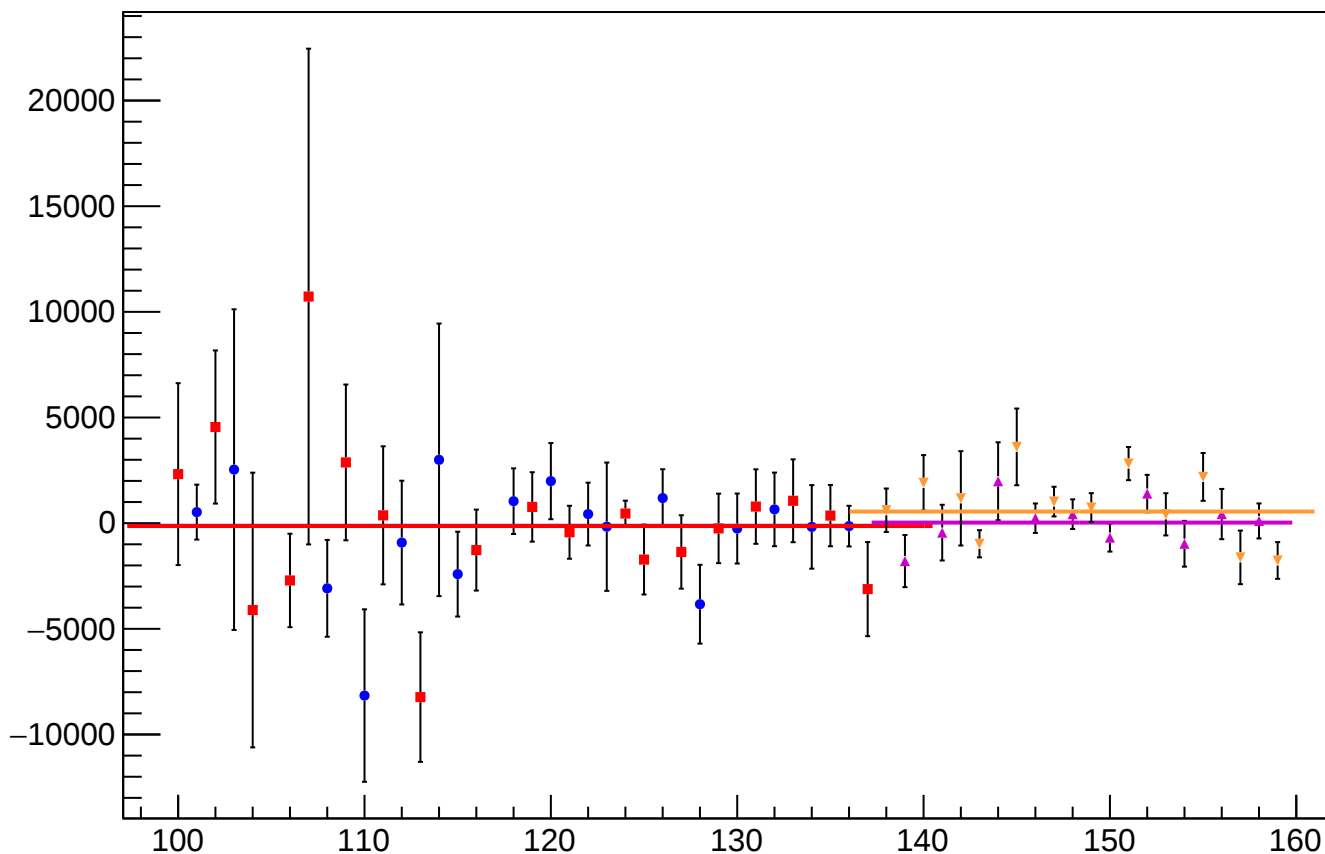
Right: 2656.218+/-0.514 χ^2 /NDF: 858580.5/35

In: 2503.219+/-0.461 χ^2 /NDF:282683.0/26

Out: 2575.007+/-0.458 χ^2 /NDF:718988.0/30

All: 2539.300+/-0.325 χ^2 /NDF: 1013867.1/57

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 549.927+/-267.605 χ^2/NDF : 30.6/11

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: 28.045+/-286.410 χ^2/NDF : 8.4/9

Left: 306.680+/-195.536 χ^2/NDF : 40.8/21

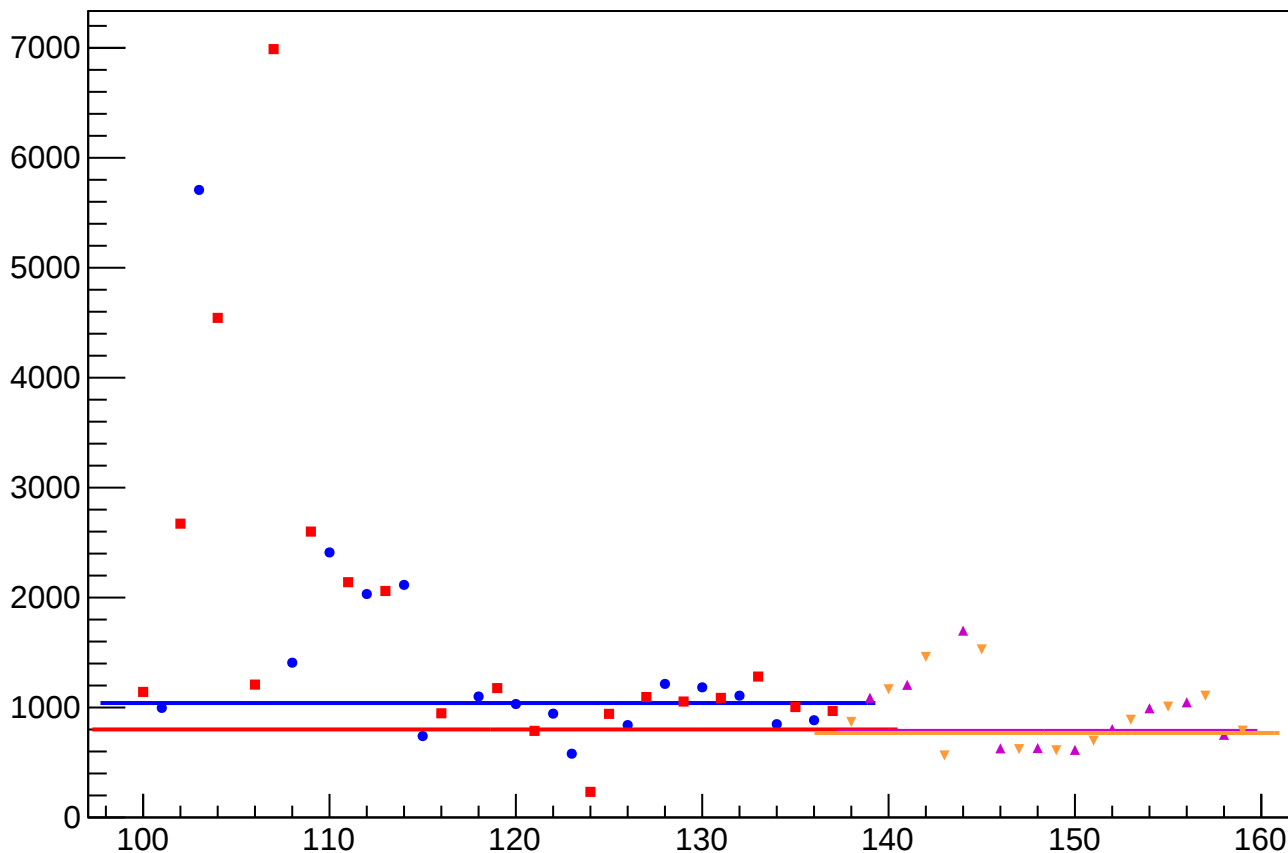
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -18.710+/-238.503 χ^2/NDF : 23.2/26

Out: 322.299+/-218.688 χ^2/NDF : 50.7/30

All: 166.545+/-161.186 χ^2/NDF : 75.0/57

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 768.391+/-0.189 χ^2/NDF : 1420656.7/11

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 787.288+/-0.203 χ^2/NDF : 1321966.0/9

Left: 777.199+/-0.138 χ^2/NDF : 2747270.8/21

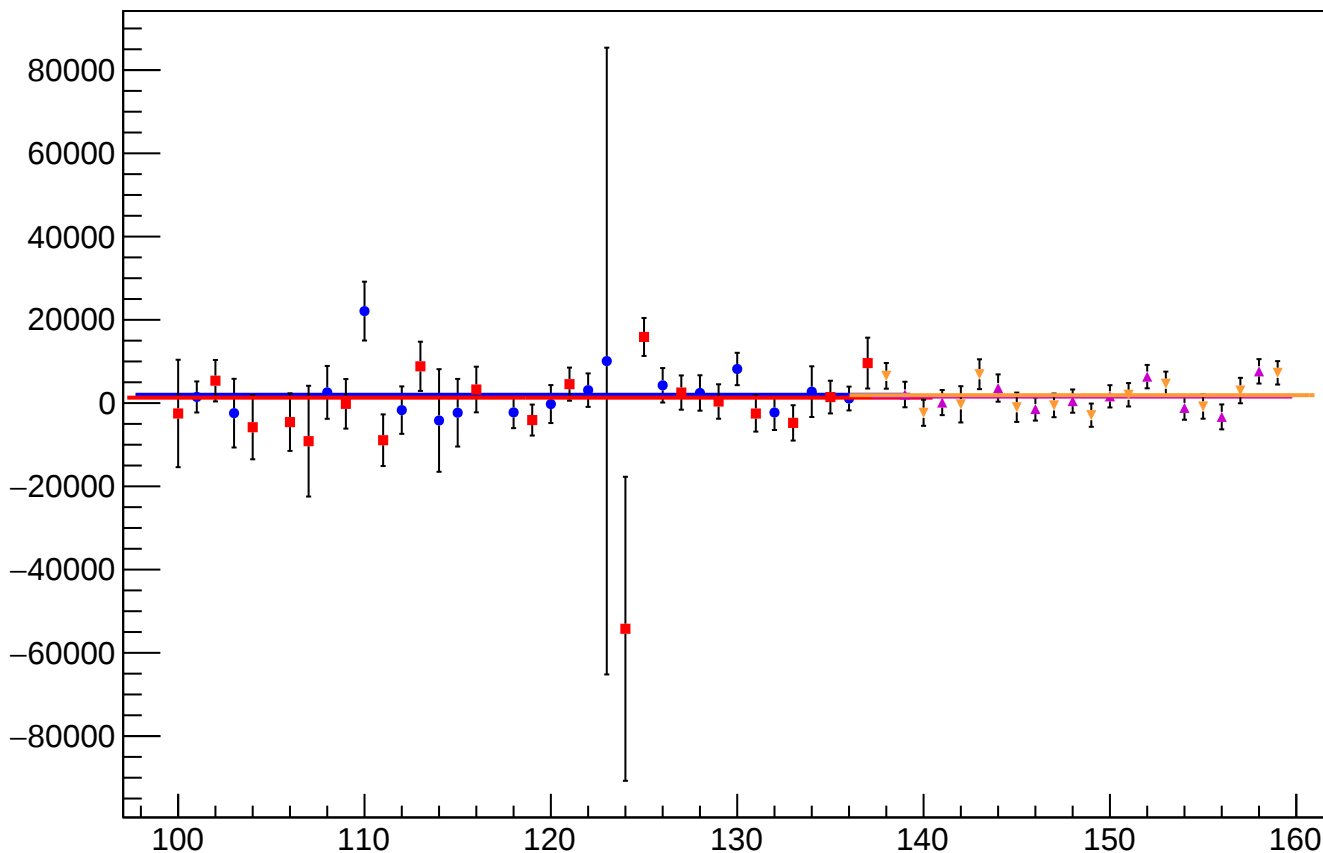
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

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

Out: 779.026+/-0.155 χ^2/NDF : 6617192.5/30

All: 818.290+/-0.114 χ^2/NDF : 10133557.9/57

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1899.149+/-889.548 χ^2/NDF :16.2/11

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1566.565+/-919.088 χ^2/NDF :12.7/9

Left: 1738.287+/-639.193 χ^2/NDF : 29.0/21

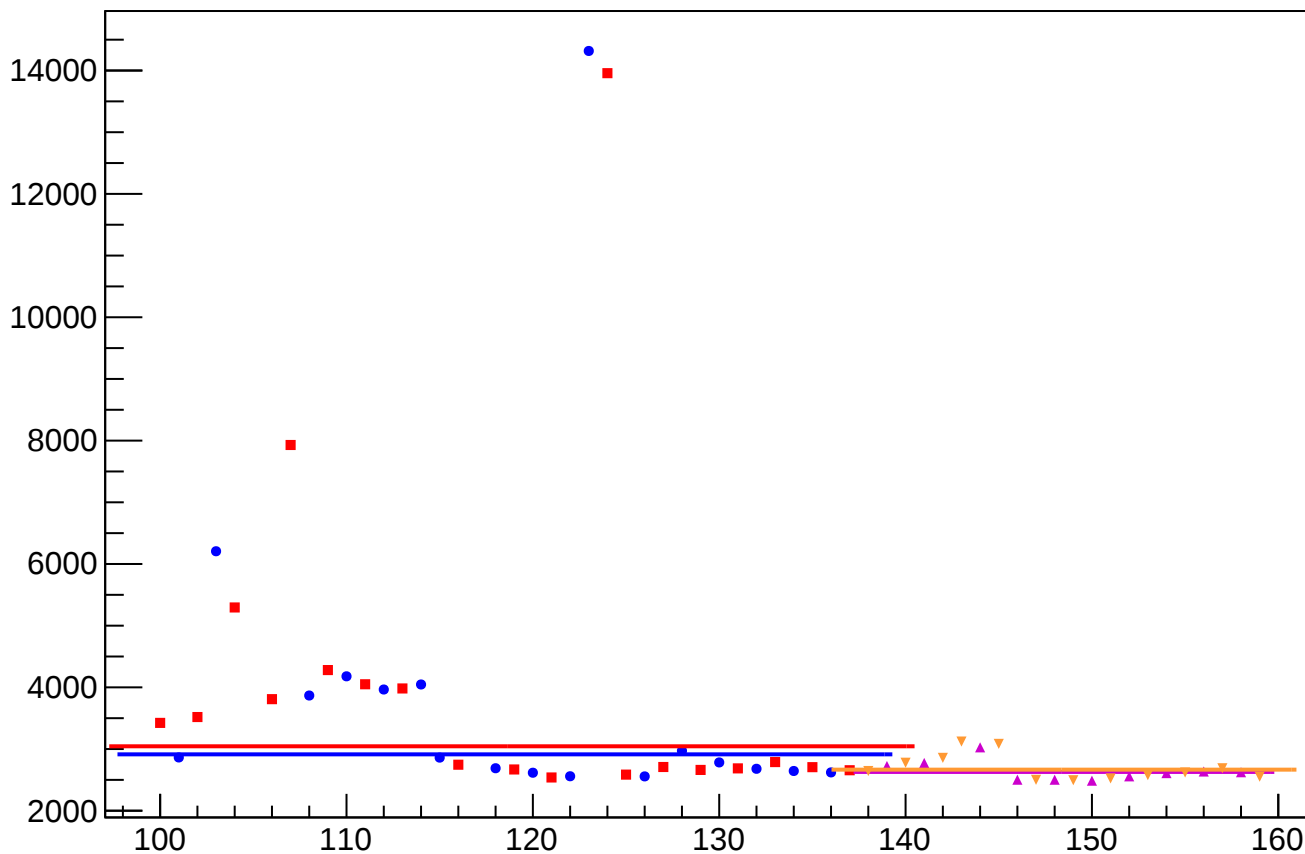
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

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

Out: 1685.538+/-712.197 χ^2/NDF :43.9/30

All: 1709.113+/-506.053 χ^2/NDF : 71.7/57

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2665.690+/-0.629 χ^2/NDF : 92107.2/11

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2628.688+/-0.650 χ^2/NDF : 51379.8/9

Left: 2647.793+/-0.452 χ^2/NDF : 145160.8/21

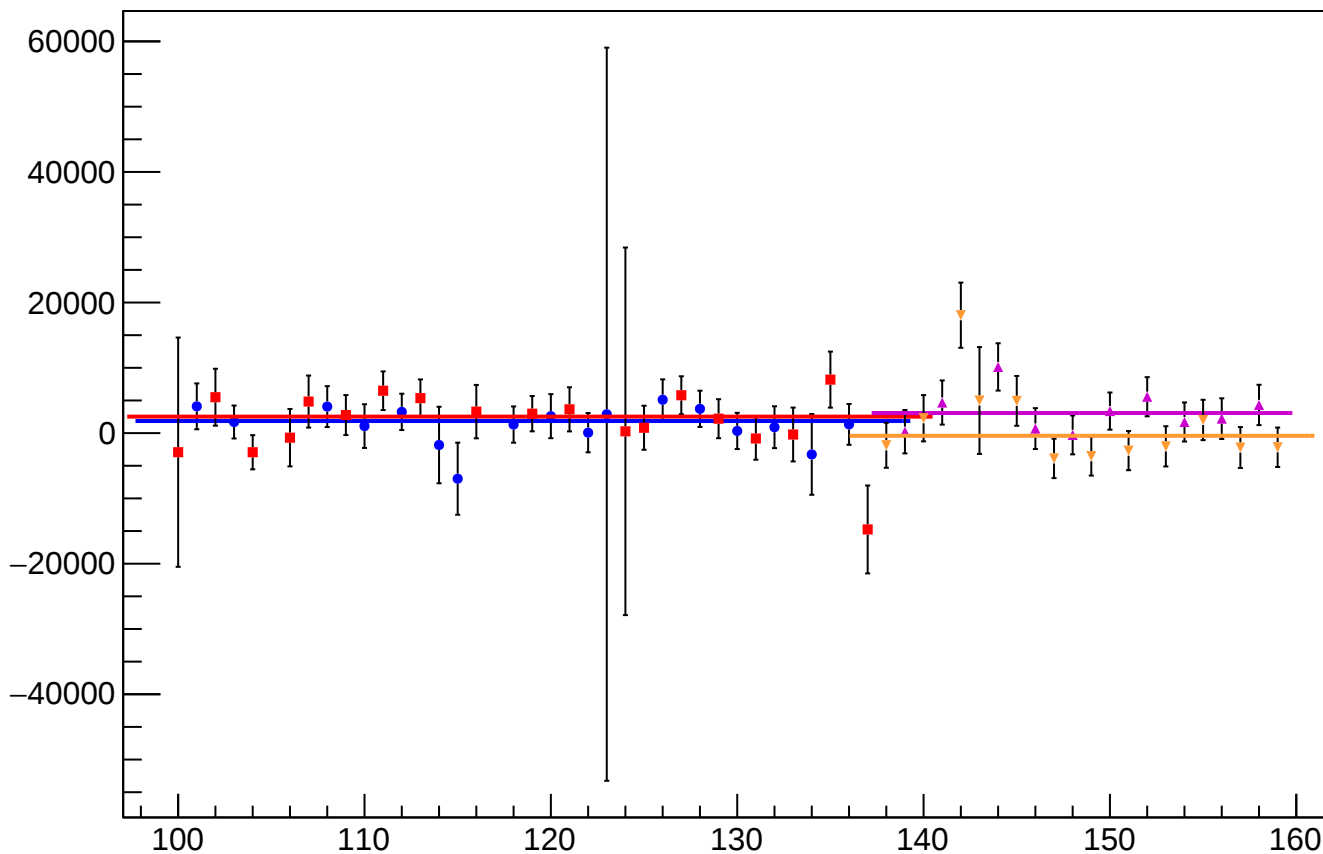
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

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

Out: 2801.671+/-0.504 χ^2/NDF : 1227619.3/30

All: 2770.767+/-0.358 χ^2/NDF : 2000244.8/57

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -407.093 $\pm$ 979.022 χ^2 /NDF:21.4/11

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

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

Left: 1317.556 $\pm$ 695.664 χ^2 /NDF: 35.4/21

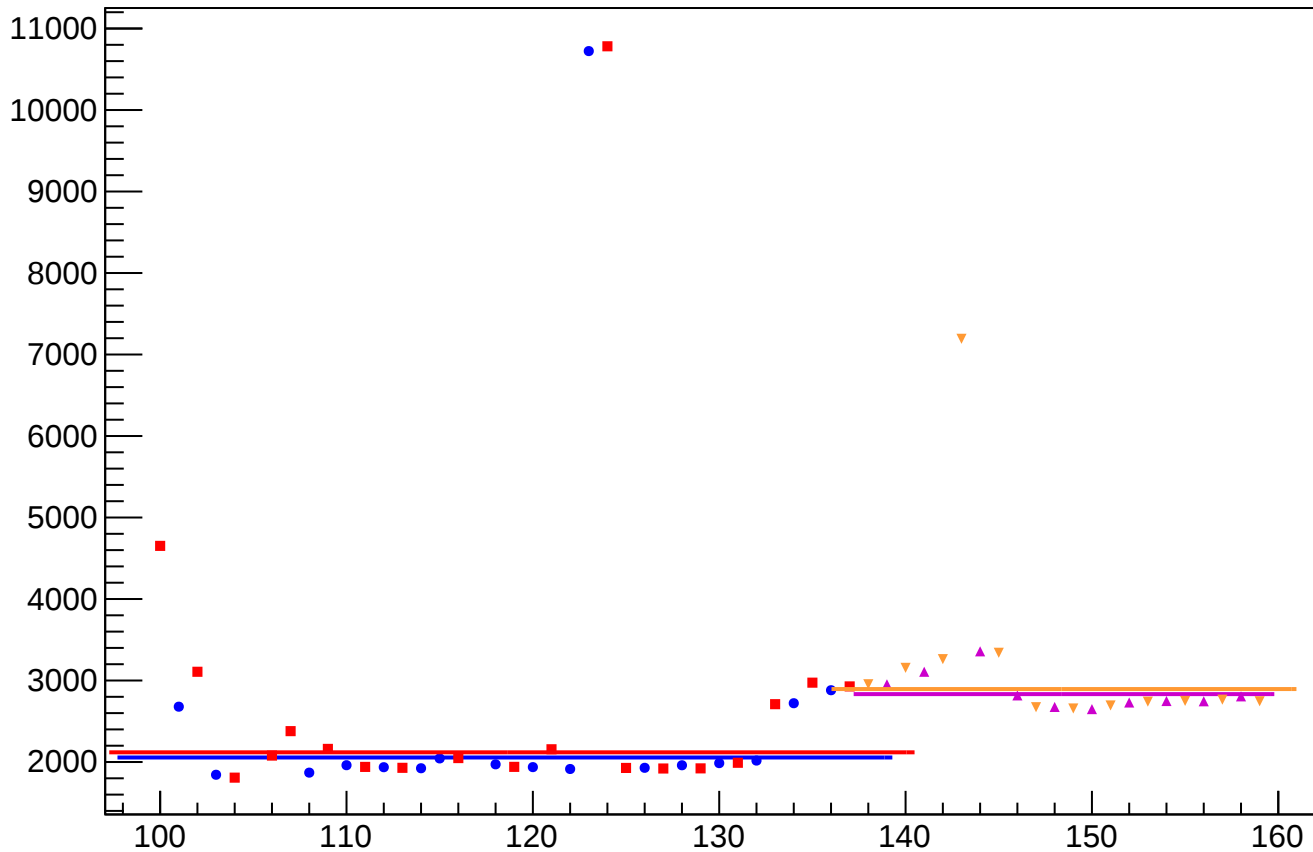
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

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

Out: 1317.844 $\pm$ 627.922 χ^2 /NDF:46.8/30

All: 1831.380 $\pm$ 442.995 χ^2 /NDF: 64.0/57

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2895.225+/-0.692 χ^2/NDF : 651073.2/11

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

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

Left: 2864.459+/-0.492 χ^2/NDF : 732491.5/21

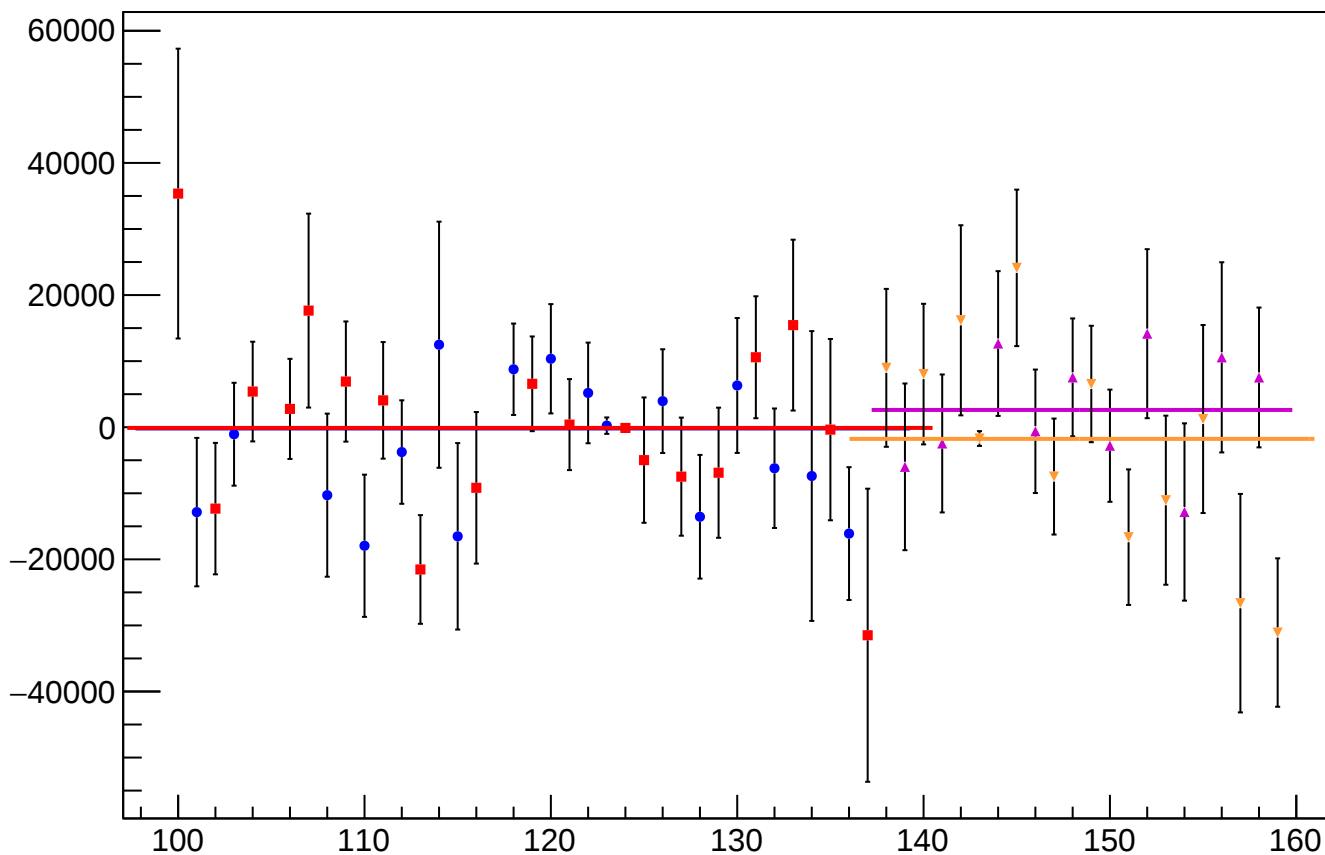
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2366.271+/-0.442 χ^2/NDF : 1136546.5/26

Out: 2437.632+/-0.444 χ^2/NDF : 1966147.6/30

All: 2401.820+/-0.313 χ^2/NDF : 3115679.8/57

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1764.055 ± 1066.153 $\chi^2/\text{NDF}: 21.0/11$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: 2612.484 ± 3388.222 $\chi^2/\text{NDF}: 5.0/9$

Left: -1369.758 ± 1016.993 $\chi^2/\text{NDF}: 27.6/21$

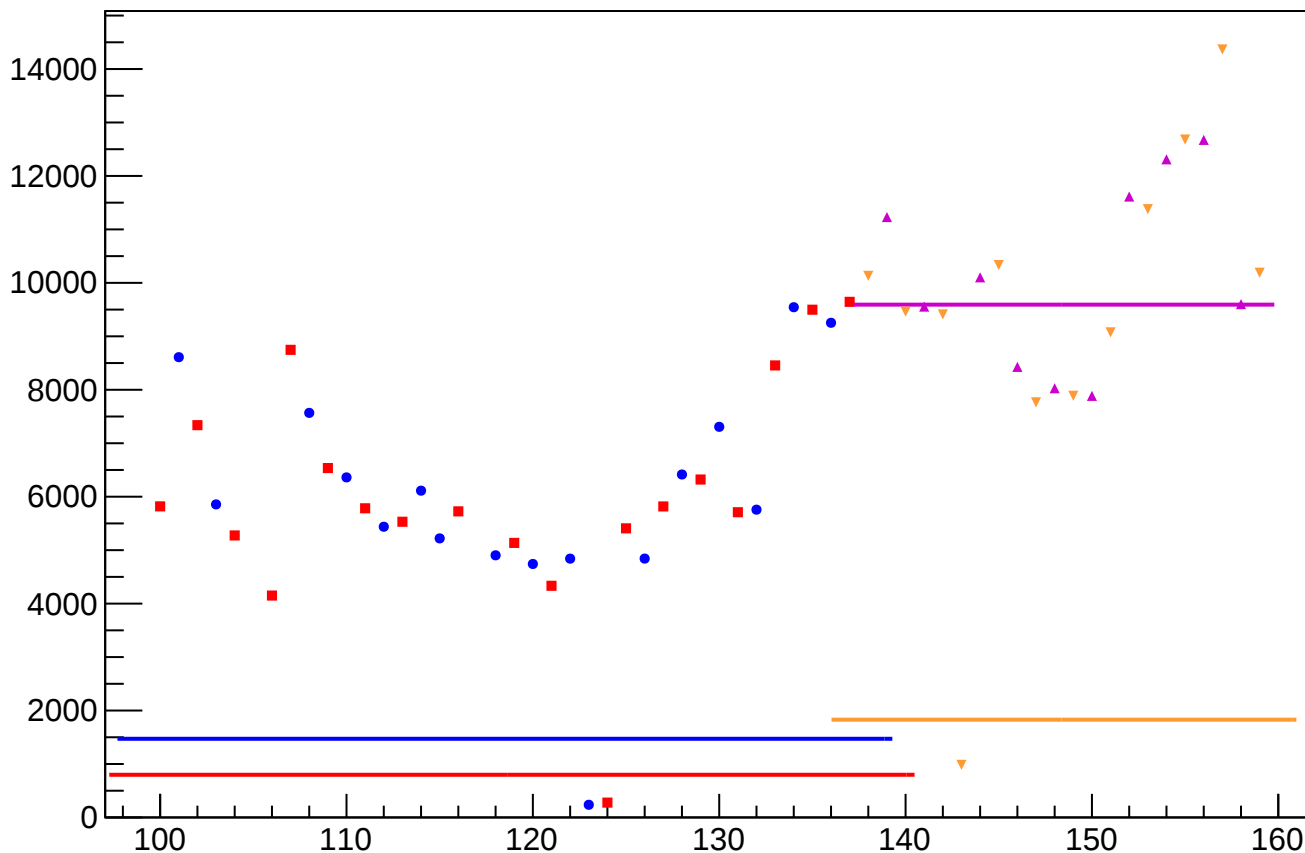
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: 81.861 ± 1046.915 $\chi^2/\text{NDF}: 22.0/26$

Out: -596.617 ± 579.646 $\chi^2/\text{NDF}: 44.3/30$

All: -437.428 ± 507.107 $\chi^2/\text{NDF}: 66.7/57$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778

χ^2 /NDF: 9788255.4/16

Left Out: 1828.823 $\pm$ 0.754

χ^2 /NDF: 12107545.9/11

Right Out: 798.642 $\pm$ 0.488

χ^2 /NDF: 11527481.4/18

Left In: 9592.614 $\pm$ 2.396

χ^2 /NDF: 435218.9/9

Left: 2528.288 $\pm$ 0.719

χ^2 /NDF: 22097766.4/21

Right: 988.724 $\pm$ 0.414

χ^2 /NDF: 21852108.4/35

In: 2246.942 $\pm$ 0.740

χ^2 /NDF: 20616153.3/26

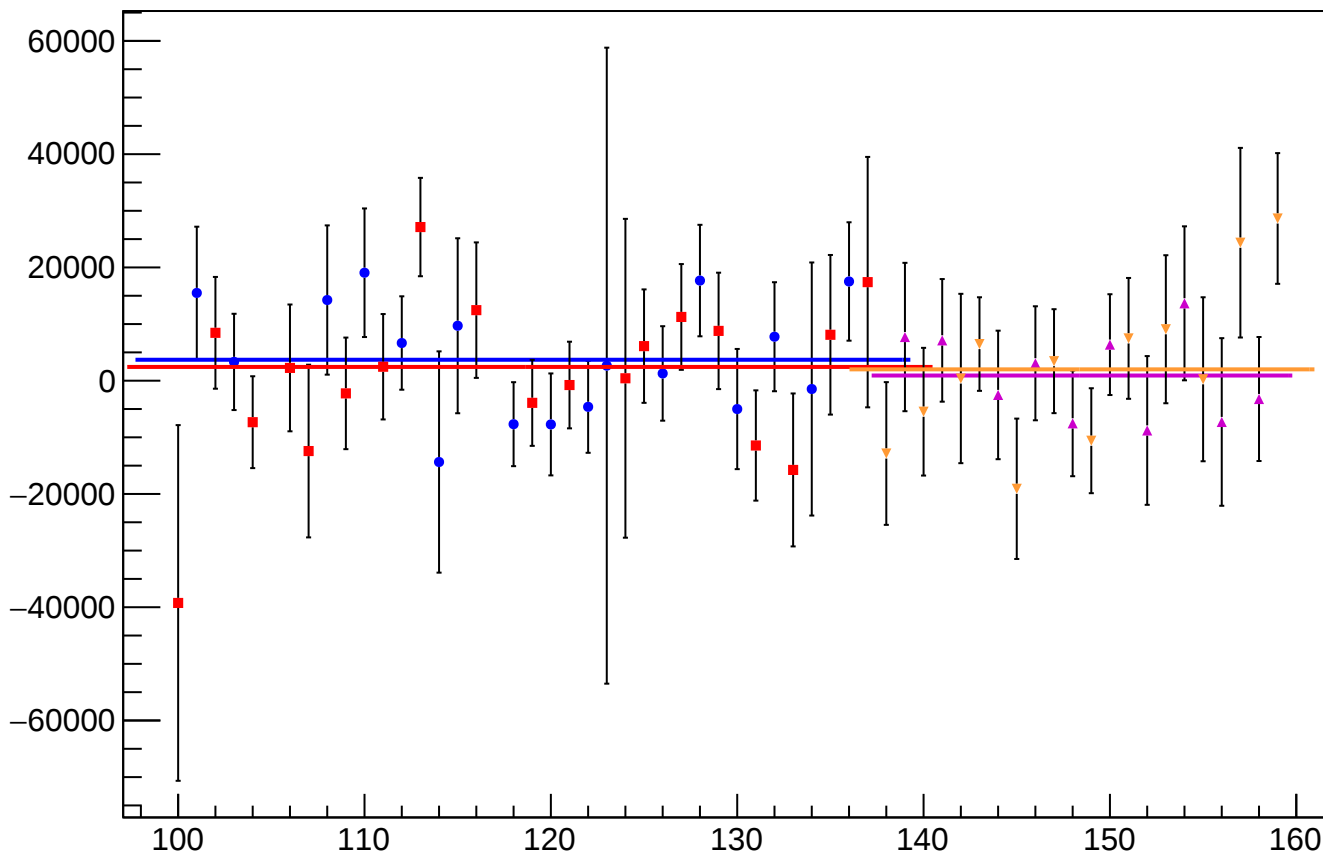
Out: 1103.151 $\pm$ 0.410

χ^2 /NDF: 24950385.3/30

All: 1371.515 $\pm$ 0.359

χ^2 /NDF: 47393689.1/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 2001.686 $\pm$ 3265.229 χ^2 /NDF:14.6/11

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 914.012 $\pm$ 3531.106 χ^2 /NDF:3.8/9

Left: 1500.335 $\pm$ 2397.356 χ^2 /NDF: 18.4/21

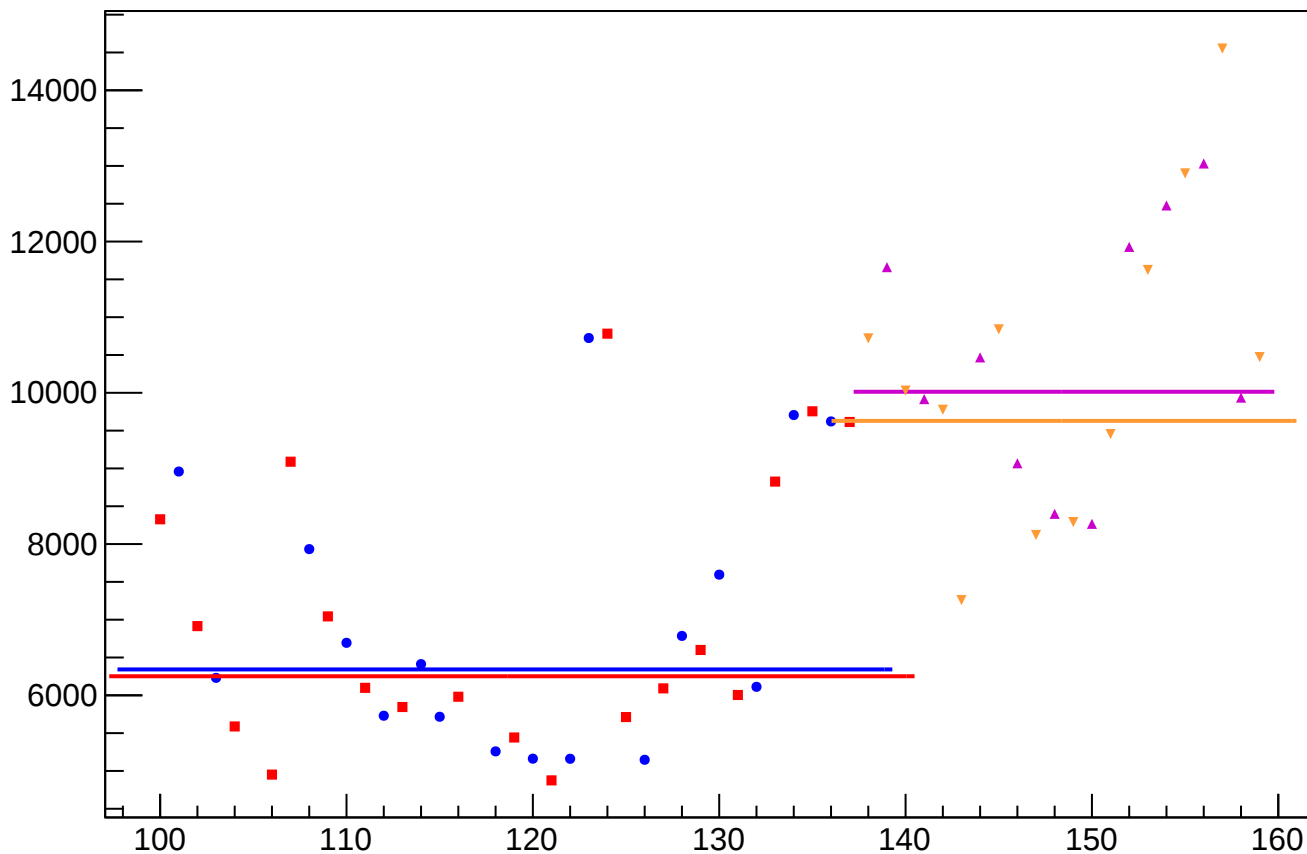
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 2759.864 $\pm$ 2050.111 χ^2 /NDF:18.6/26

Out: 2278.177 $\pm$ 1944.970 χ^2 /NDF:34.9/30

All: 2506.352 $\pm$ 1411.007 χ^2 /NDF: 53.5/57

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9628.836+/-2.309 χ^2/NDF : 629988.0/11

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10013.687+/-2.497 χ^2/NDF : 380911.1/9

Left: 9806.229+/-1.695 χ^2/NDF : 1023705.7/21

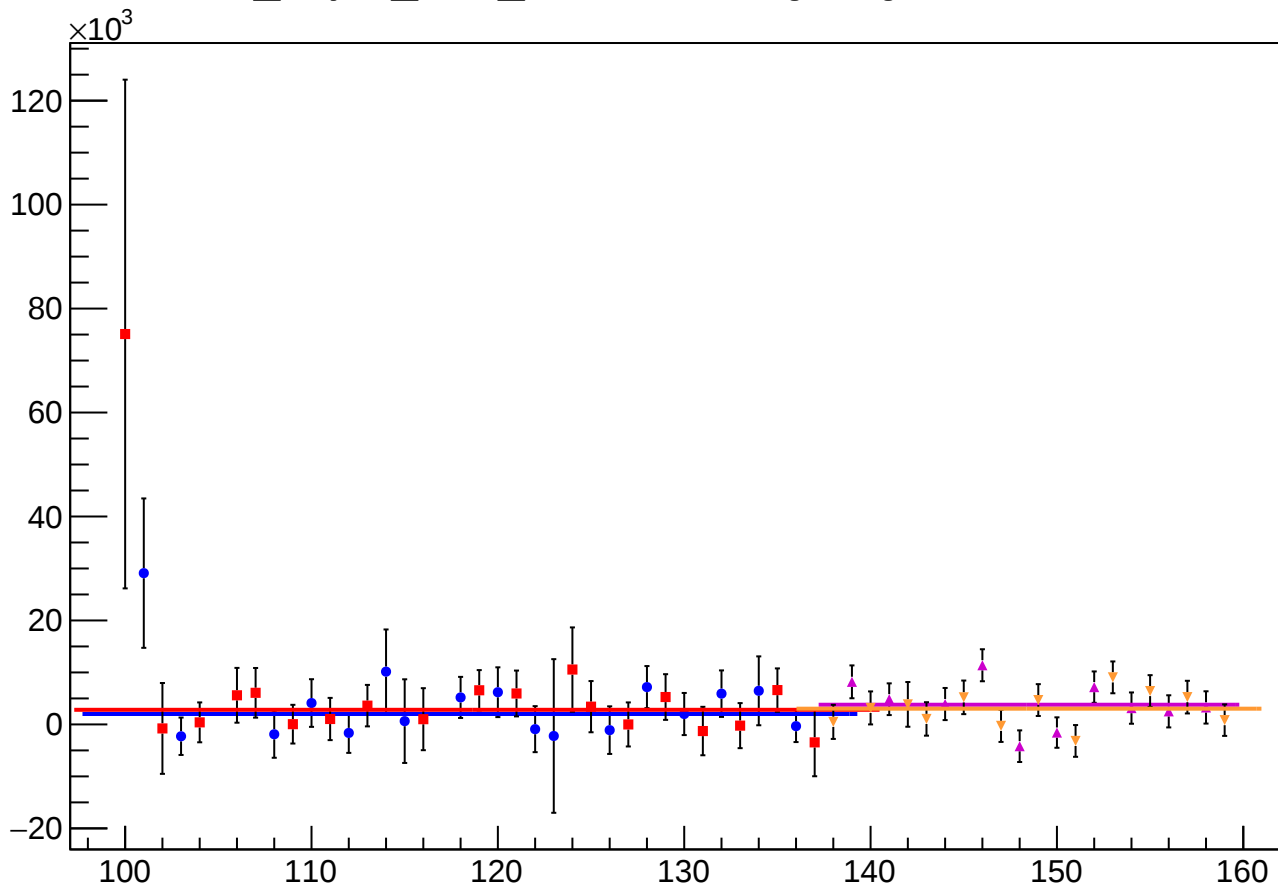
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

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

Out: 7450.160+/-1.375 χ^2/NDF : 2548046.7/30

All: 7511.598+/-0.998 χ^2/NDF : 4960099.9/57

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 3027.120 ± 920.344 χ^2/NDF : 13.2/11

Right Out: 2811.702 ± 1086.544 χ^2/NDF : 10.5/18

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

Left: 3387.830 ± 666.454 χ^2/NDF : 33.4/21

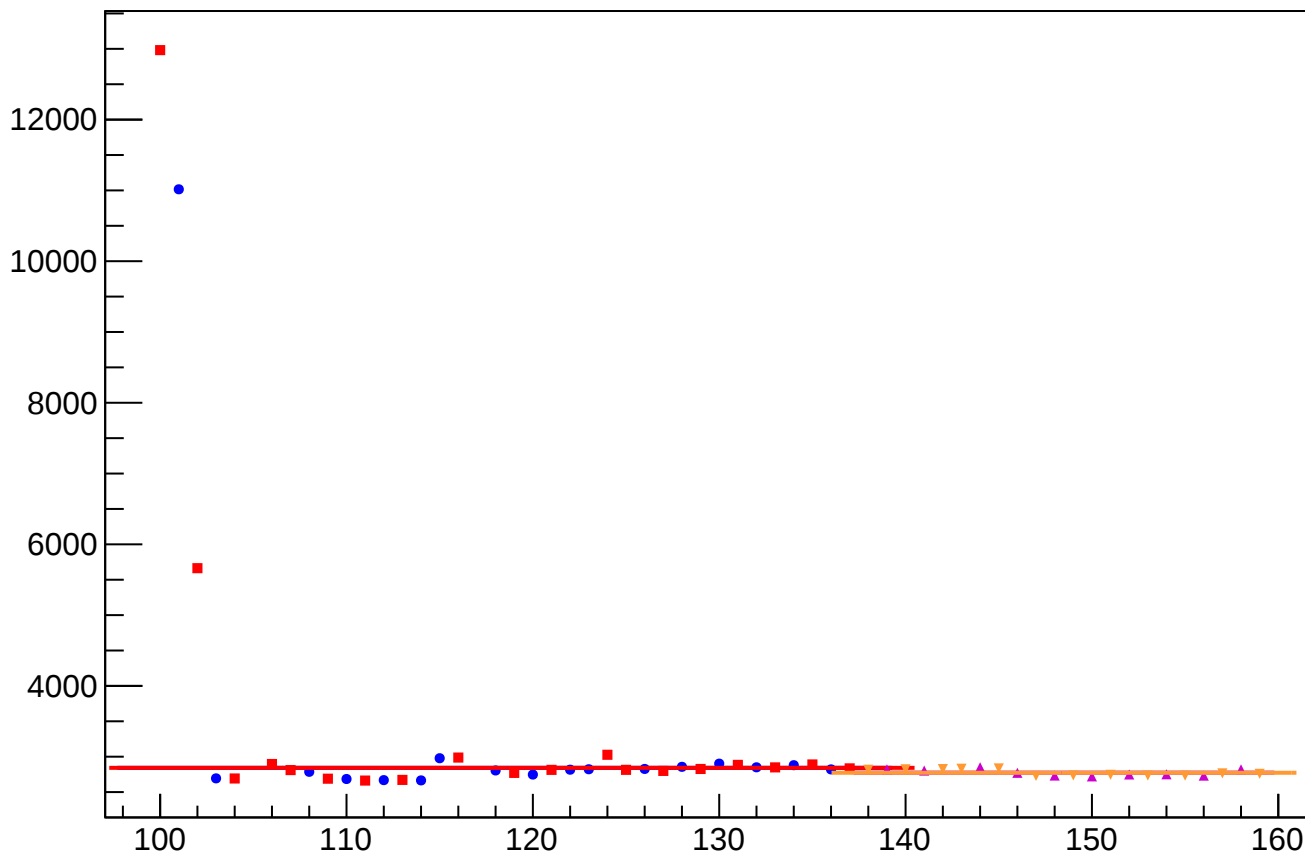
Right: 2422.331 ± 781.689 χ^2/NDF : 24.5/35

In: 3029.706 ± 733.164 χ^2/NDF : 35.0/26

Out: 2937.129 ± 702.272 χ^2/NDF : 23.7/30

All: 2981.426 ± 507.151 χ^2/NDF : 58.7/57

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2772.992+/-0.651 χ^2/NDF : 4108.6/11

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2774.645+/-0.683 χ^2/NDF : 3930.0/9

Left: 2773.778+/-0.471 χ^2/NDF : 8041.6/21

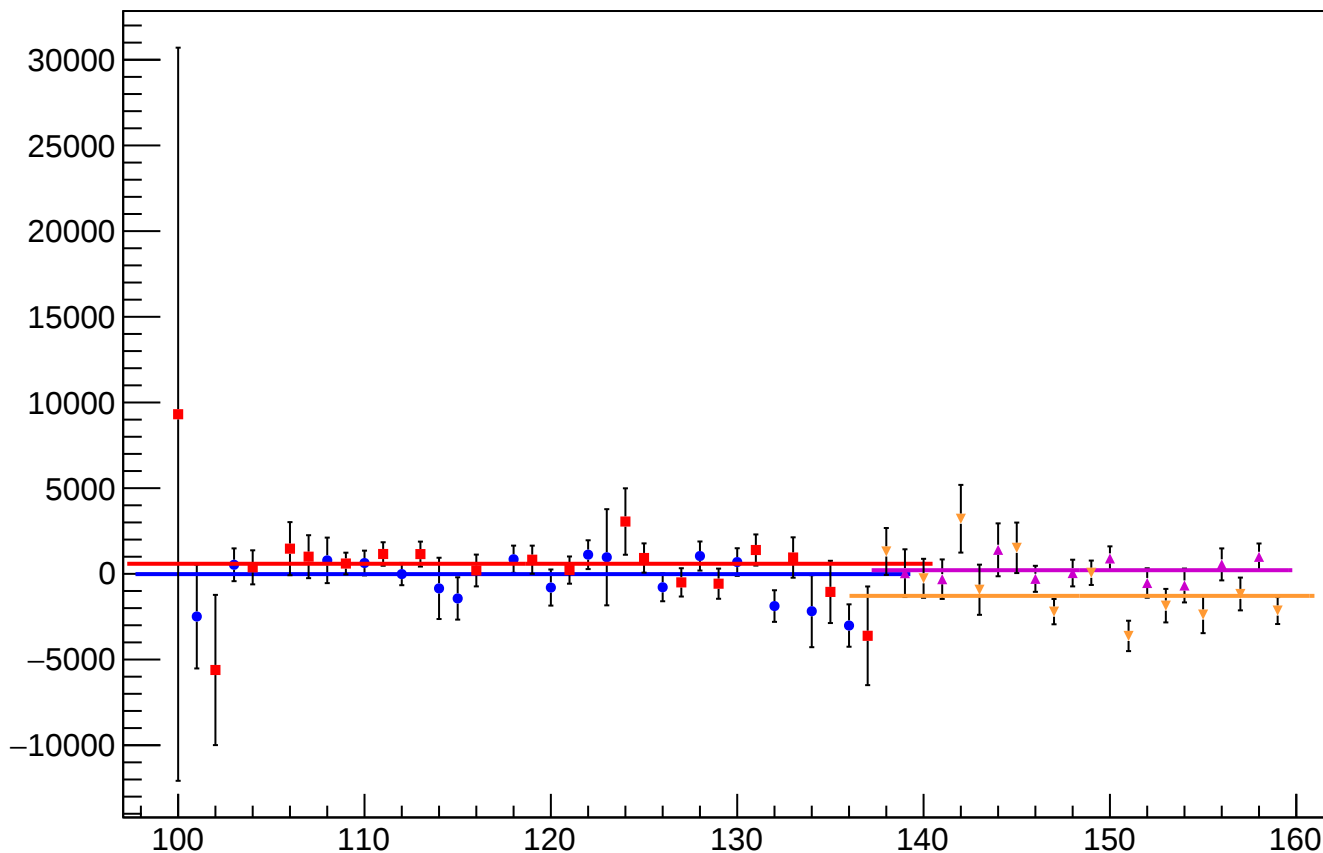
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2803.496+/-0.518 χ^2/NDF : 668435.9/26

Out: 2802.004+/-0.497 χ^2/NDF : 321201.6/30

All: 2802.718+/-0.359 χ^2/NDF : 989641.8/57

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1284.551 ± 286.538 χ^2/NDF : 27.9/11

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 213.147 ± 285.615 χ^2/NDF : 5.0/9

Left: -533.286 ± 202.286 χ^2/NDF : 46.6/21

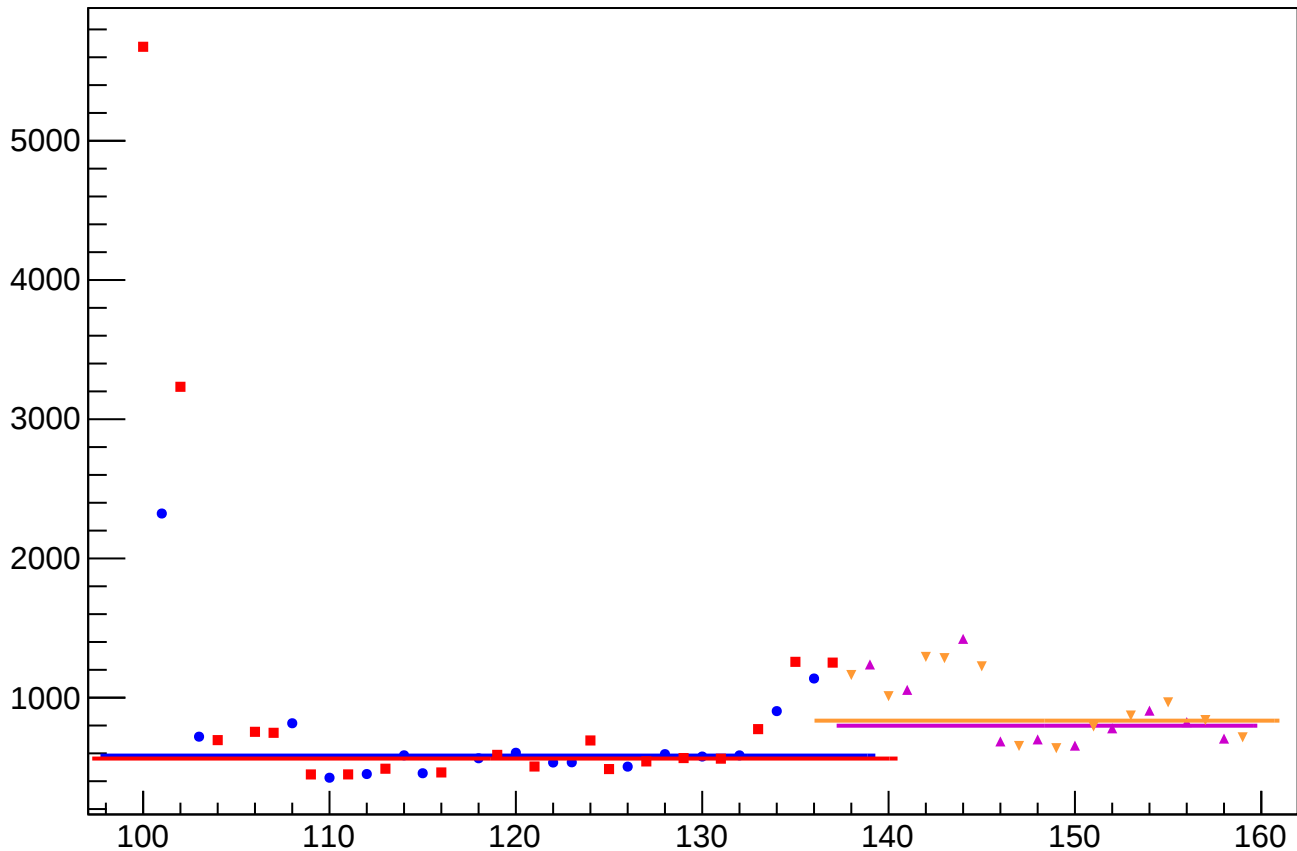
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 78.526 ± 183.231 χ^2/NDF : 26.9/26

Out: -128.997 ± 177.350 χ^2/NDF : 67.8/30

All: -28.619 ± 127.434 χ^2/NDF : 95.4/57

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 834.978+/-0.203 χ^2/NDF : 957642.1/11

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 798.639+/-0.202 χ^2/NDF : 838994.6/9

Left: 816.750+/-0.143 χ^2/NDF : 1812771.7/21

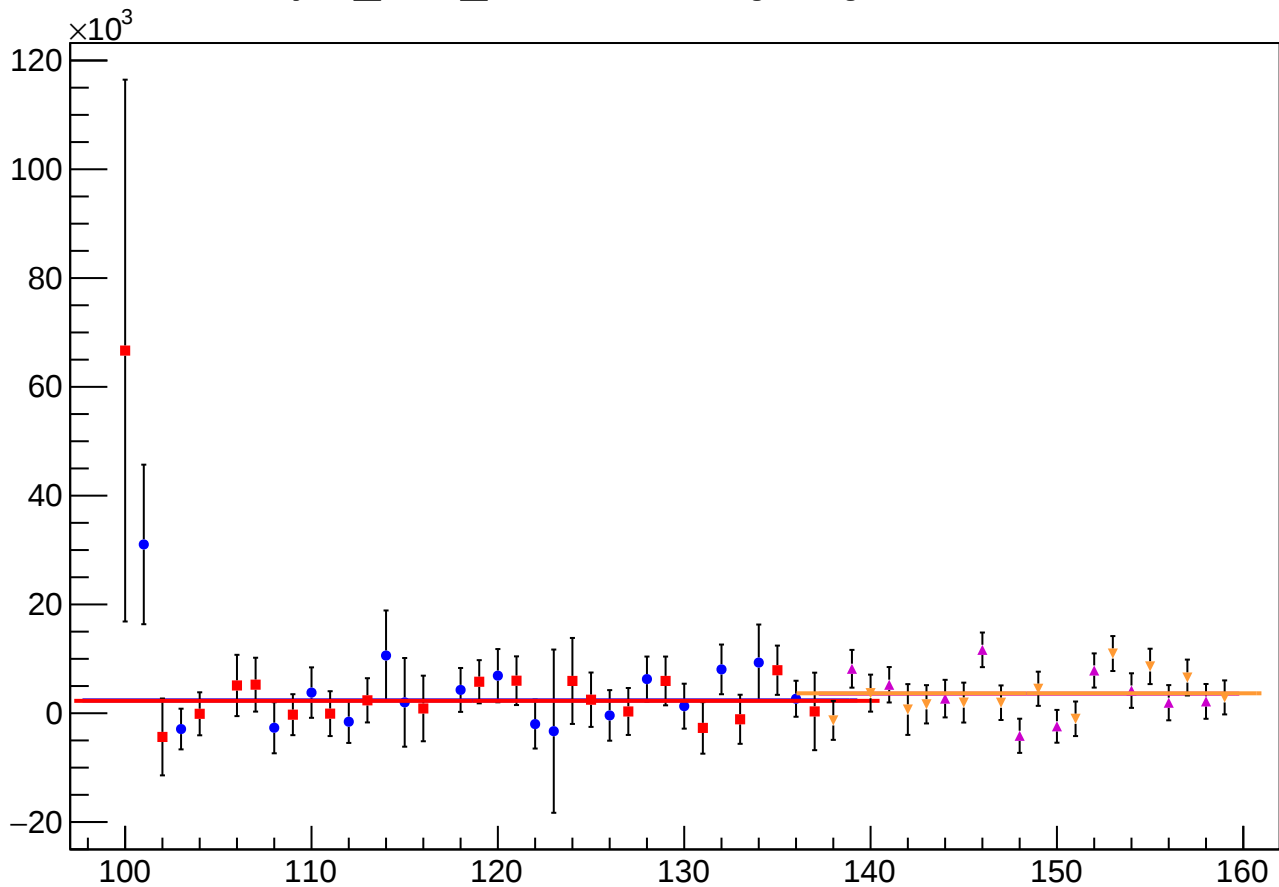
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 672.370+/-0.130 χ^2/NDF : 2939910.0/26

Out: 667.002+/-0.125 χ^2/NDF : 3711345.1/30

All: 669.598+/-0.090 χ^2/NDF : 6652141.4/57

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3664.817+/-975.625 χ^2/NDF :13.8/11

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 3595.105+/-1018.199 χ^2/NDF :20.8/9

Left: 3631.449+/-704.441 χ^2/NDF : 34.6/21

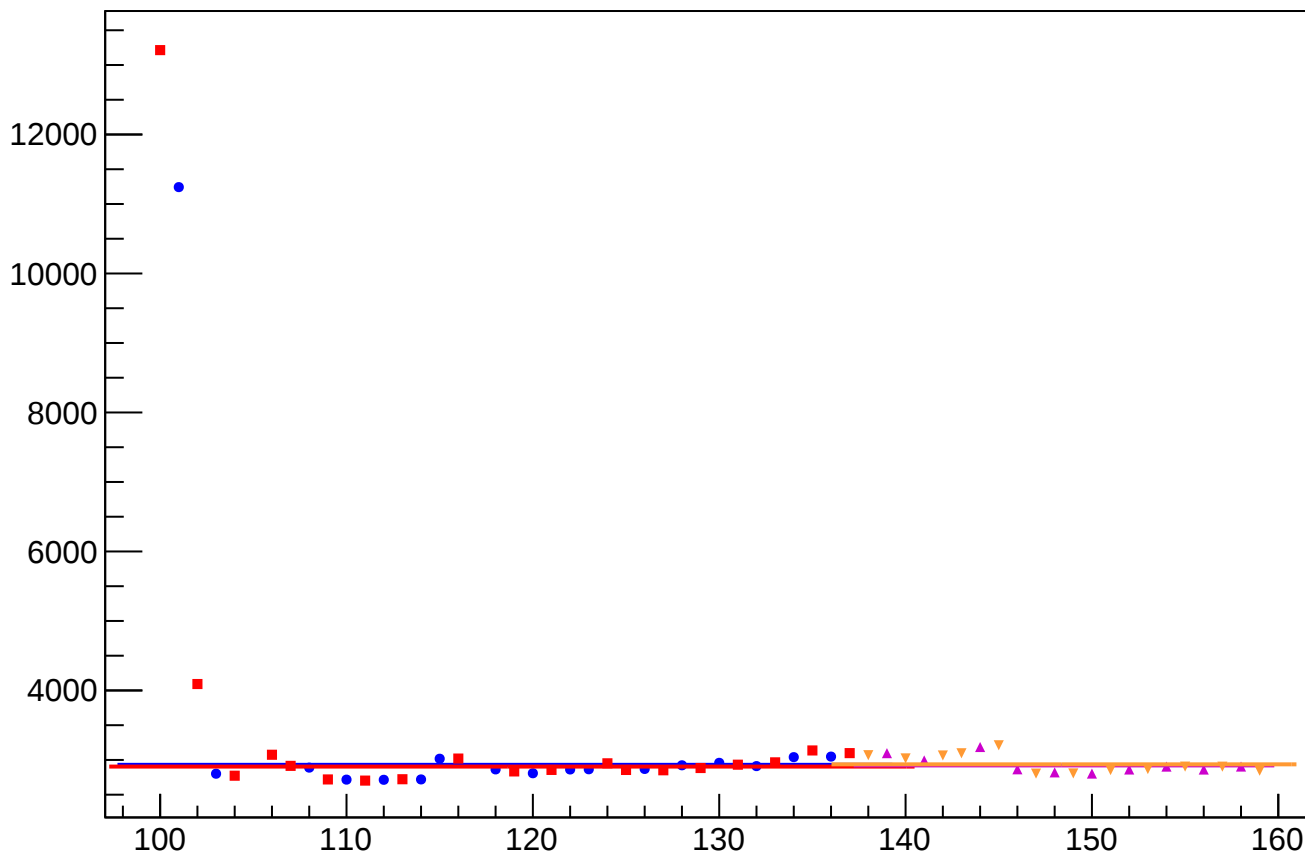
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 3058.806+/-765.210 χ^2/NDF :36.6/26

Out: 3061.194+/-733.276 χ^2/NDF :24.8/30

All: 3060.051+/-529.434 χ^2/NDF : 61.4/57

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2936.747+/-0.690 χ^2/NDF : 32107.5/11

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2921.534+/-0.720 χ^2/NDF : 25056.0/9

Left: 2929.465+/-0.498 χ^2/NDF : 57396.3/21

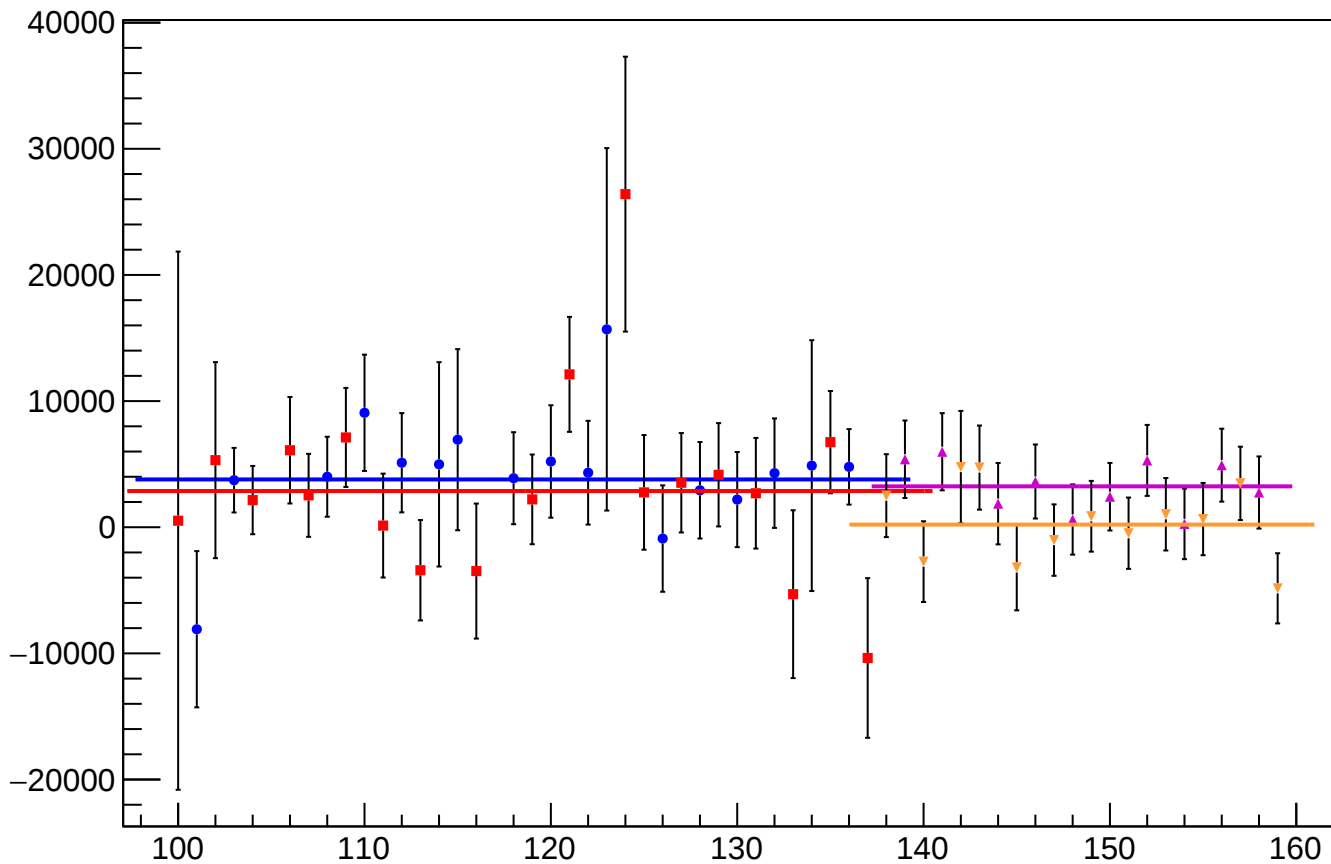
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2925.068+/-0.541 χ^2/NDF : 687740.4/26

Out: 2922.747+/-0.519 χ^2/NDF : 202342.8/30

All: 2923.858+/-0.374 χ^2/NDF : 890092.8/57

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 208.982+/-882.236 χ^2/NDF : 10.2/11

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3241.117+/-916.893 χ^2/NDF : 4.5/9

Left: 1666.663+/-635.734 χ^2/NDF : 20.4/21

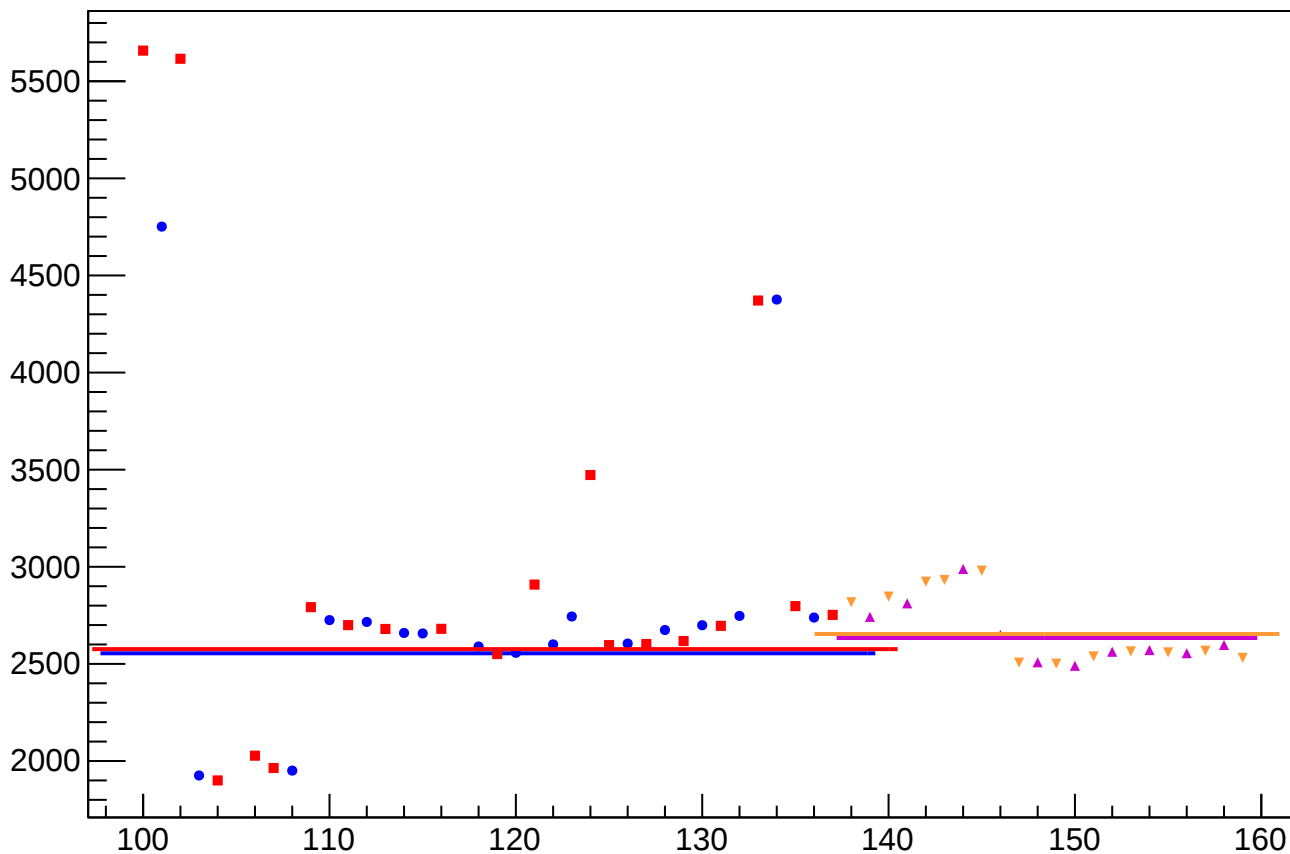
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3488.628+/-678.305 χ^2/NDF : 12.4/26

Out: 1369.547+/-662.429 χ^2/NDF : 36.2/30

All: 2403.999+/-473.922 χ^2/NDF : 53.6/57

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2653.968 $\pm$ 0.624 χ^2 /NDF: 76257.2/11

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2633.297 $\pm$ 0.648 χ^2 /NDF: 47404.6/9

Left: 2644.031 $\pm$ 0.450 χ^2 /NDF: 124189.7/21

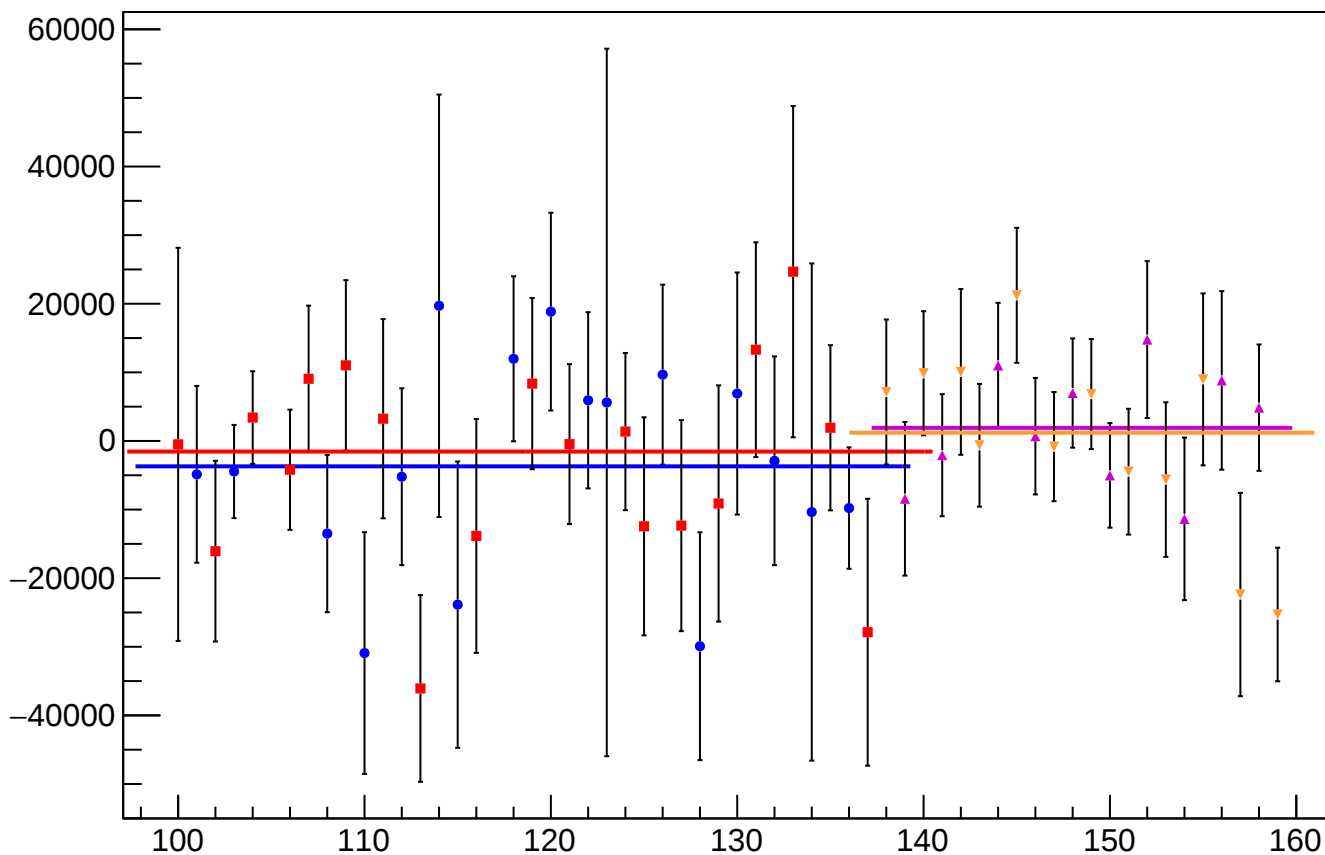
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2597.641 $\pm$ 0.480 χ^2 /NDF: 590711.5/26

Out: 2619.975 $\pm$ 0.468 χ^2 /NDF: 848217.5/30

All: 2609.074 $\pm$ 0.335 χ^2 /NDF: 1440039.0/57

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 1205.764 $\pm$ 2846.317 χ^2 /NDF: 17.6/11

Right Out: -1544.858 $\pm$ 2896.847 χ^2 /NDF: 16.8/18

Left In: 1911.368 $\pm$ 2989.027 χ^2 /NDF: 6.2/9

Left: 1541.320 $\pm$ 2061.255 χ^2 /NDF: 23.8/21

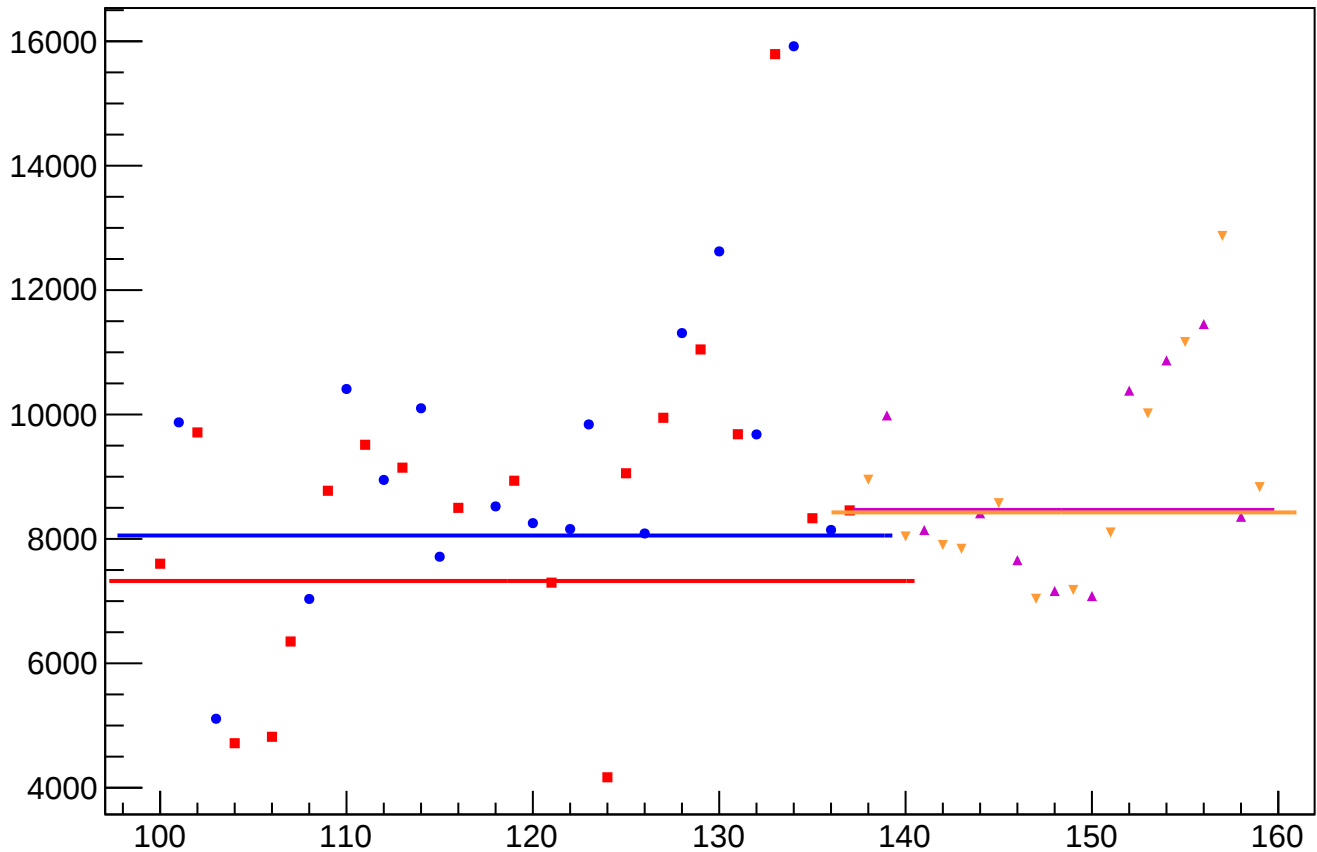
Right: -2509.390 $\pm$ 2152.947 χ^2 /NDF: 30.8/35

In: -687.511 $\pm$ 2189.990 χ^2 /NDF: 21.6/26

Out: -145.348 $\pm$ 2030.279 χ^2 /NDF: 34.8/30

All: -395.942 $\pm$ 1488.888 χ^2 /NDF: 56.5/57

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2 /NDF: 820763.4/16

Left Out: 8426.075+/-2.013 χ^2 /NDF: 451904.8/11

Right Out: 7324.291+/-2.048 χ^2 /NDF: 1336145.7/18

Left In: 8465.698+/-2.114 χ^2 /NDF: 421449.7/9

Left: 8444.918+/-1.458 χ^2 /NDF: 873538.8/21

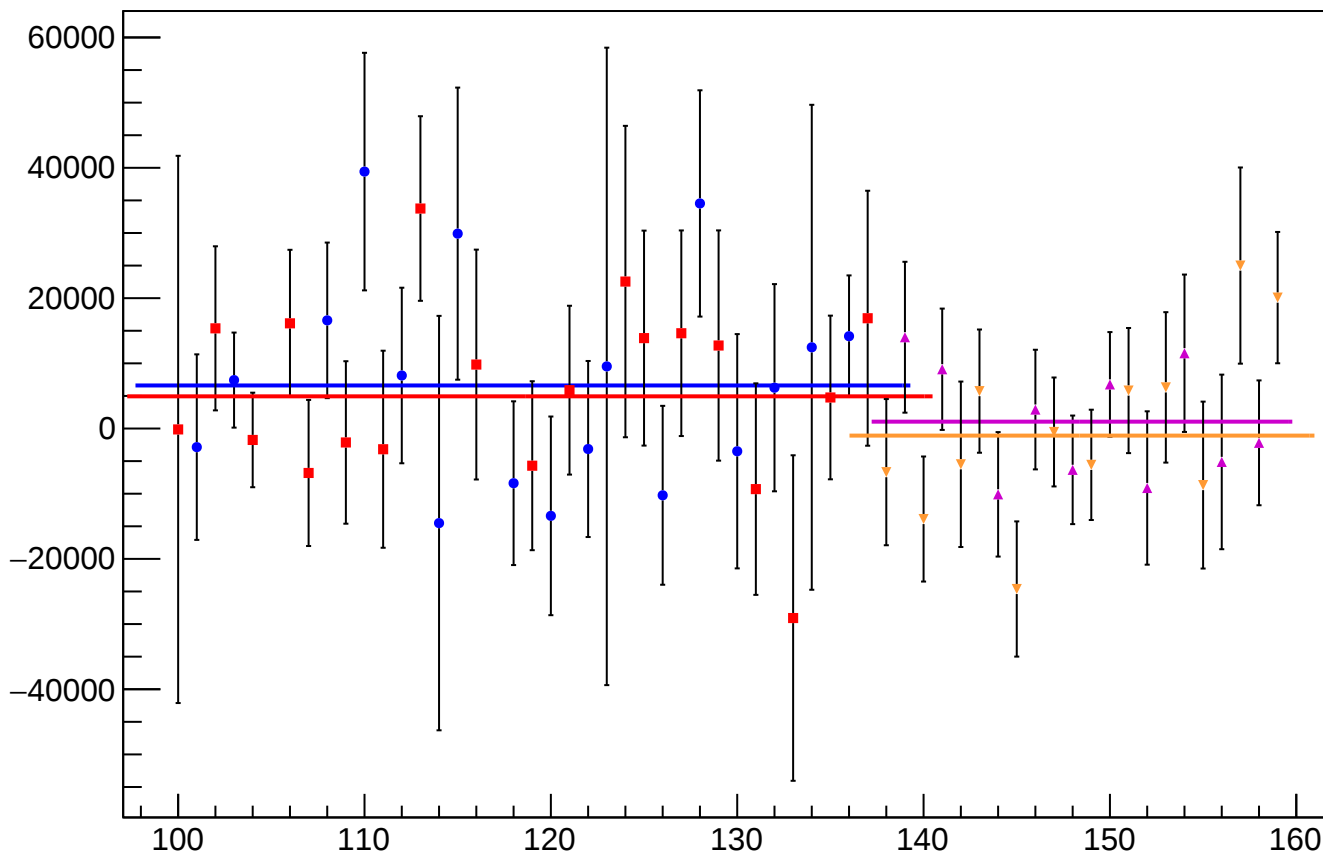
Right: 7651.290+/-1.522 χ^2 /NDF: 2213838.0/35

In: 8275.363+/-1.549 χ^2 /NDF: 1259721.7/26

Out: 7884.876+/-1.436 χ^2 /NDF: 1935253.4/30

All: 8065.363+/-1.053 χ^2 /NDF: 3229170.7/57

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1085.328+/-2981.139 χ^2/NDF : 16.8/11

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1053.684+/-3125.945 χ^2/NDF : 6.5/9

Left: -66.512+/-2157.360 χ^2/NDF : 23.6/21

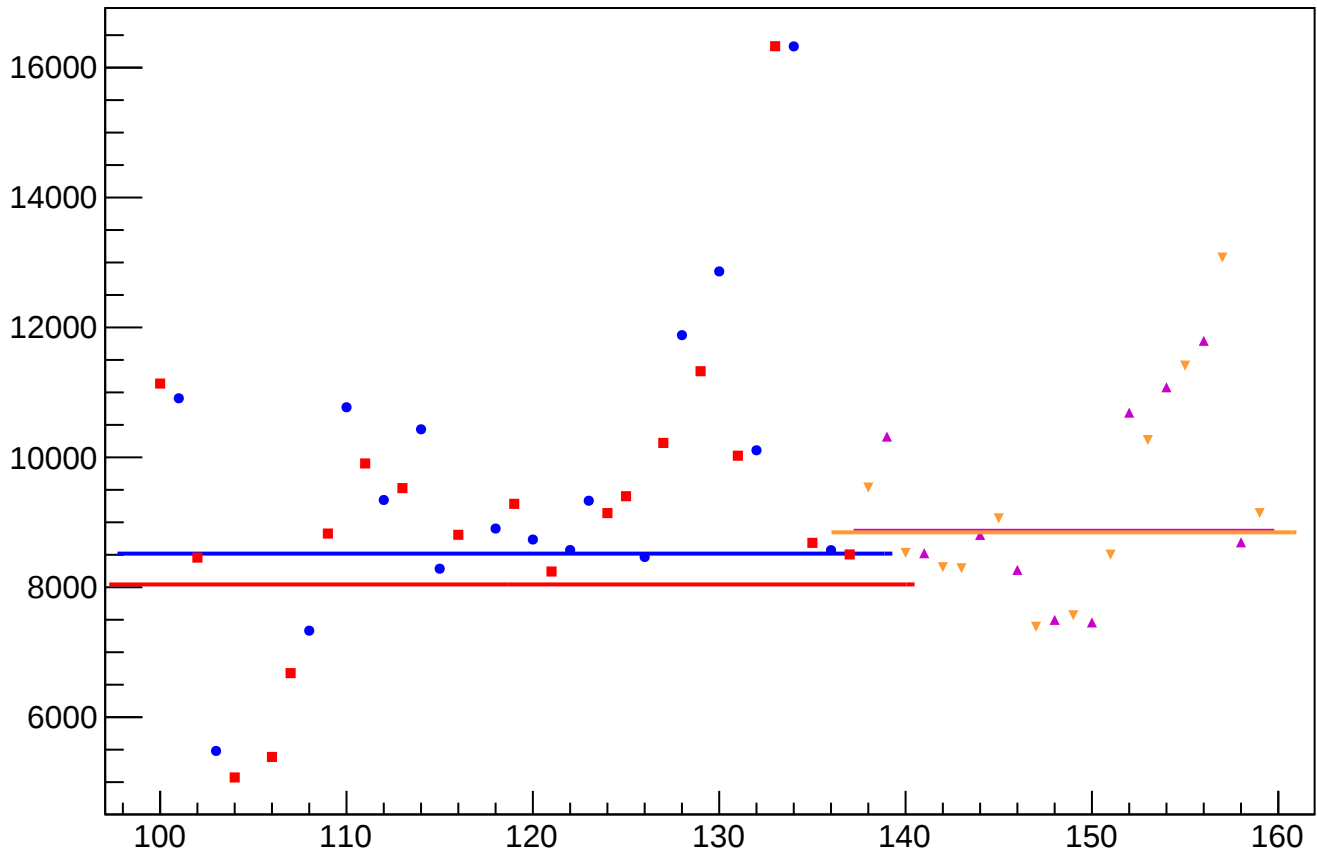
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3601.049+/-2299.890 χ^2/NDF : 22.7/26

Out: 1743.991+/-2170.977 χ^2/NDF : 32.3/30

All: 2619.018+/-1578.720 χ^2/NDF : 55.3/57

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8846.076+/-2.108 χ^2/NDF : 400072.3/11

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8869.731+/-2.210 χ^2/NDF : 369640.2/9

Left: 8857.343+/-1.525 χ^2/NDF : 769772.5/21

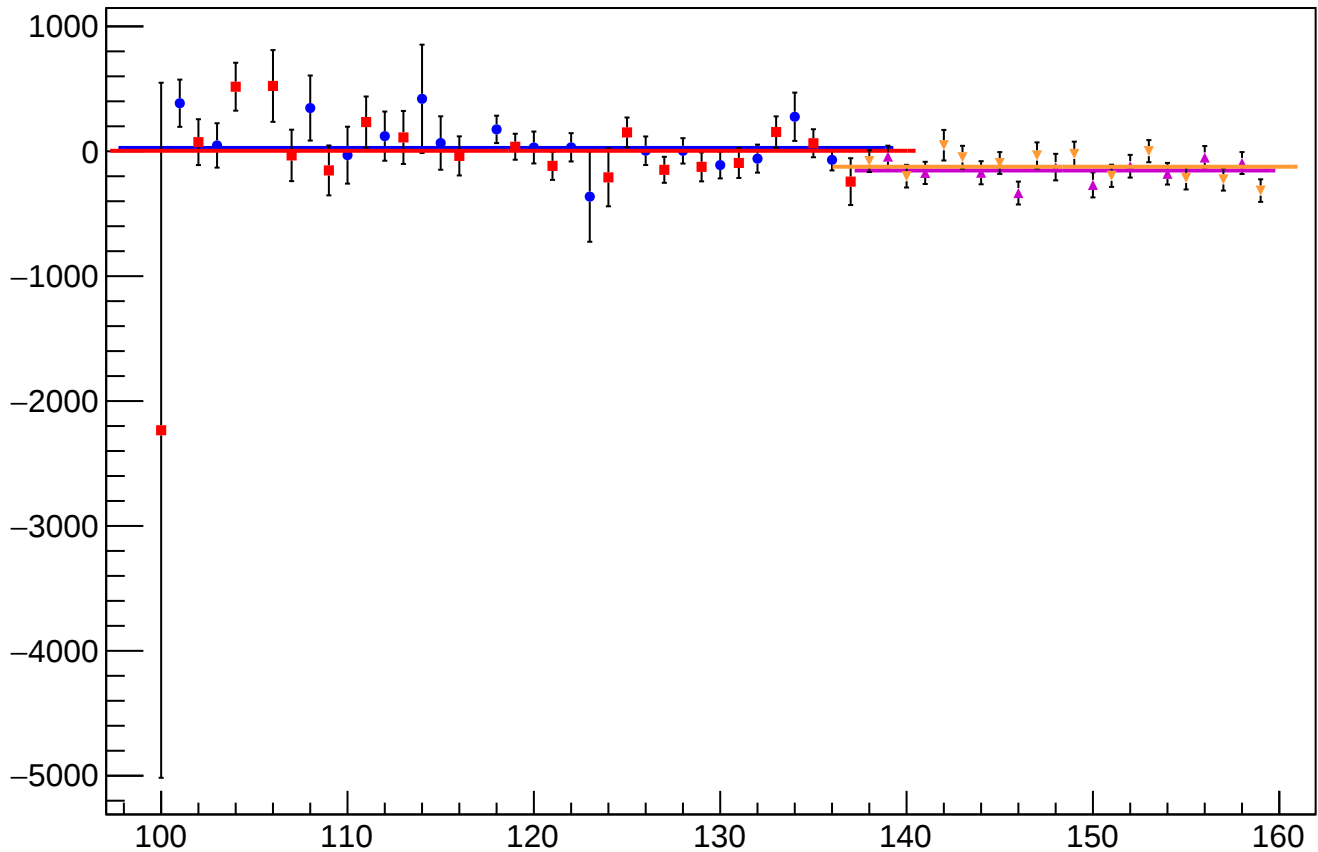
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8708.523+/-1.626 χ^2/NDF : 1153231.8/26

Out: 8469.235+/-1.535 χ^2/NDF : 1421686.5/30

All: 8581.983+/-1.116 χ^2/NDF : 2586367.2/57

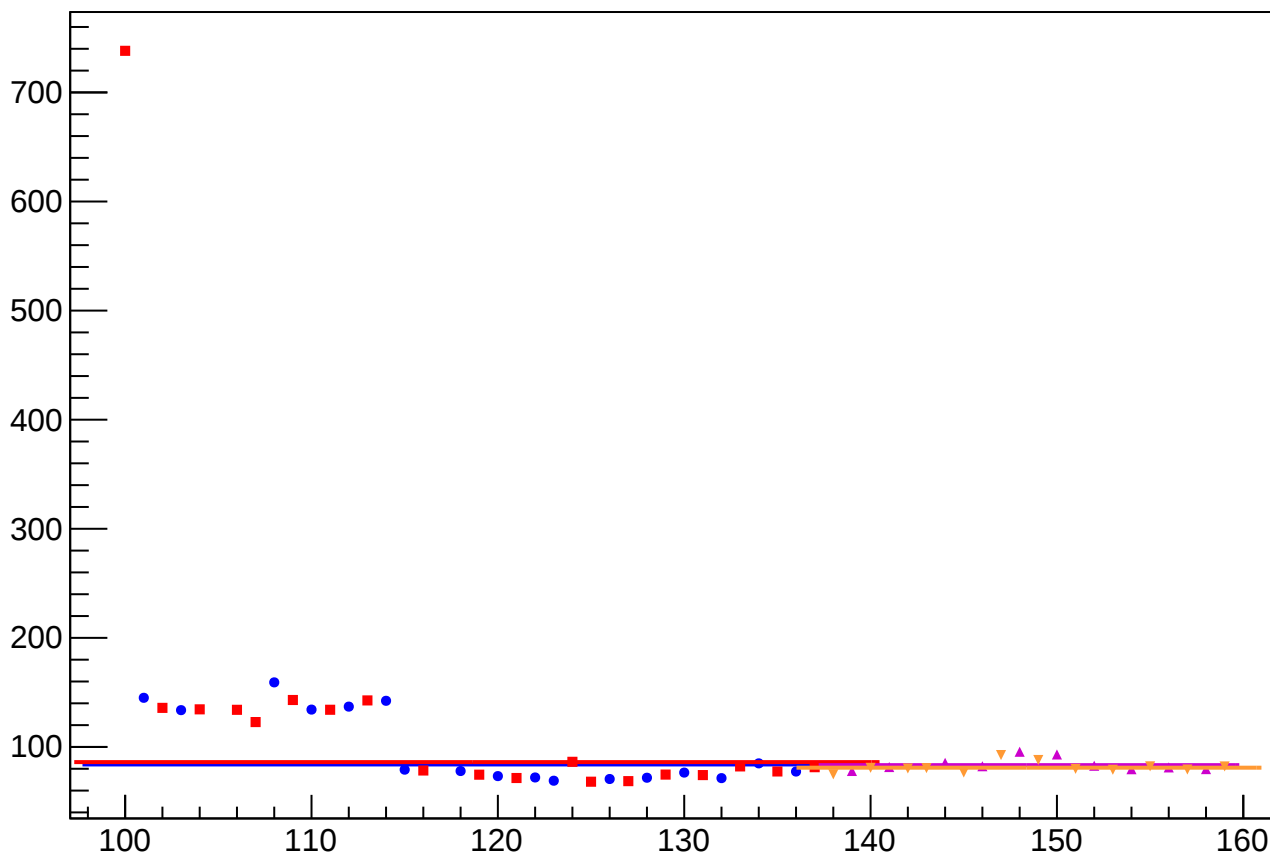
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -123.663 ± 26.904 $\chi^2/\text{NDF}: 14.9/11$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -153.775 ± 29.063 $\chi^2/\text{NDF}: 8.9/9$

Left: -137.559 ± 19.743 $\chi^2/\text{NDF}: 24.4/21$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -76.599 ± 21.989 $\chi^2/\text{NDF}: 40.0/26$
Out: -74.217 ± 21.059 $\chi^2/\text{NDF}: 48.2/30$
All: -75.357 ± 15.209 $\chi^2/\text{NDF}: 88.2/57$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.994 $\pm$ 0.019 χ^2 /NDF: 52183.2/11

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.323 $\pm$ 0.021 χ^2 /NDF: 63581.5/9

Left: 82.069 $\pm$ 0.014 χ^2 /NDF: 122677.5/21

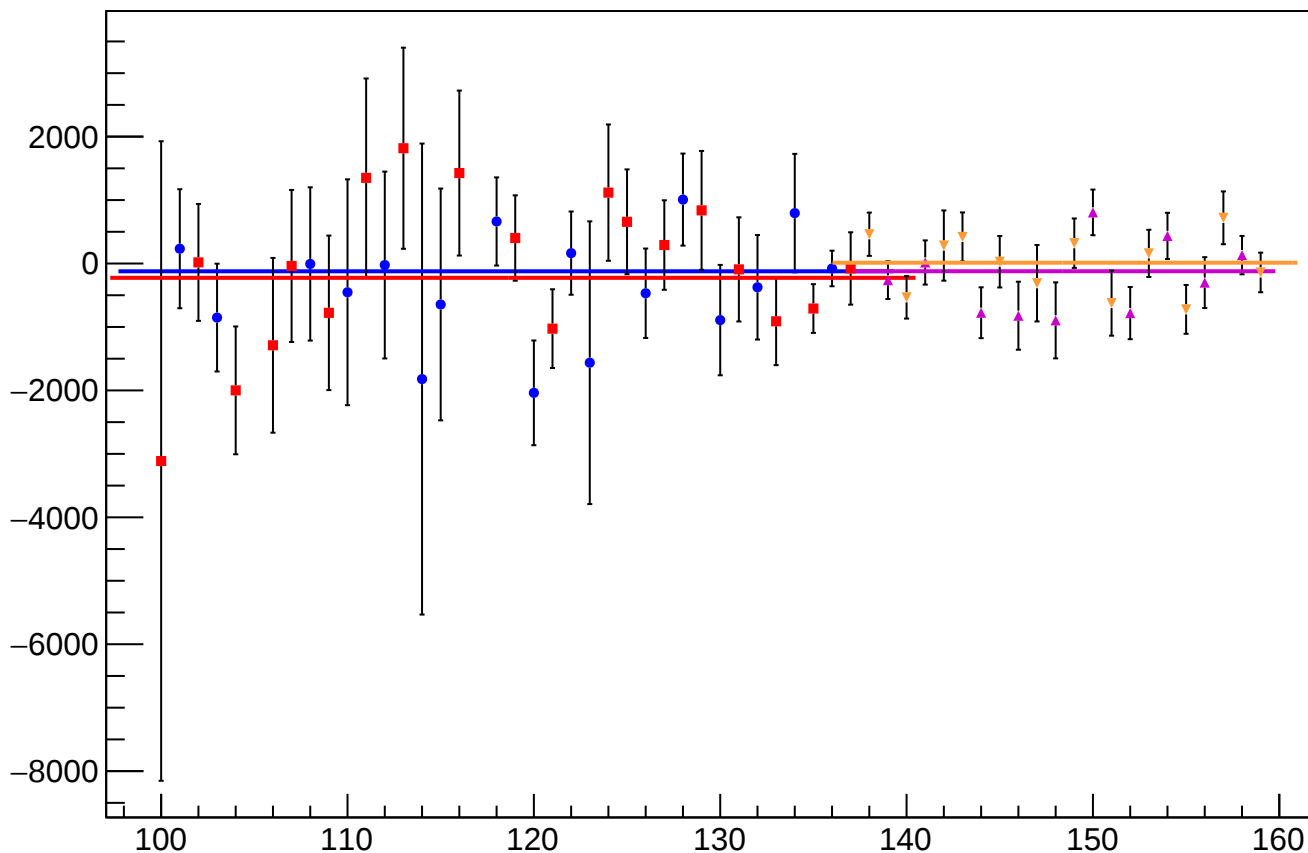
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.595 $\pm$ 0.016 χ^2 /NDF: 1024247.2/26

Out: 82.975 $\pm$ 0.015 χ^2 /NDF: 1216401.2/30

All: 83.272 $\pm$ 0.011 χ^2 /NDF: 2241479.1/57

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 12.870 ± 114.156 χ^2/NDF : 15.1/11

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -121.659 ± 119.199 χ^2/NDF : 18.9/9

Left: -51.489 ± 82.446 χ^2/NDF : 34.7/21

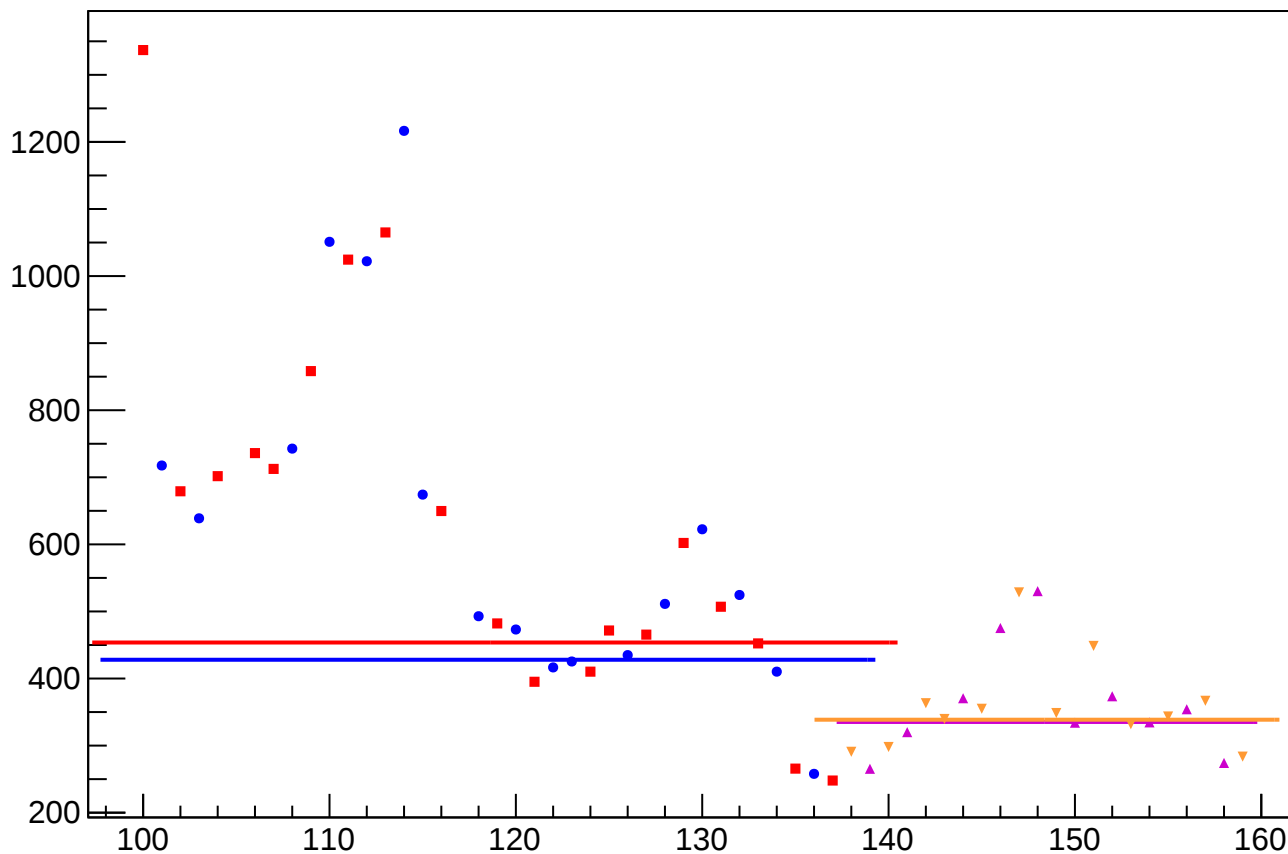
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -121.889 ± 99.313 χ^2/NDF : 31.9/26

Out: -52.856 ± 97.145 χ^2/NDF : 34.7/30

All: -86.610 ± 69.446 χ^2/NDF : 66.8/57

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 338.600+/-0.081 χ^2/NDF : 439913.5/11

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 335.257+/-0.084 χ^2/NDF : 581685.8/9

Left: 337.001+/-0.058 χ^2/NDF : 1022419.7/21

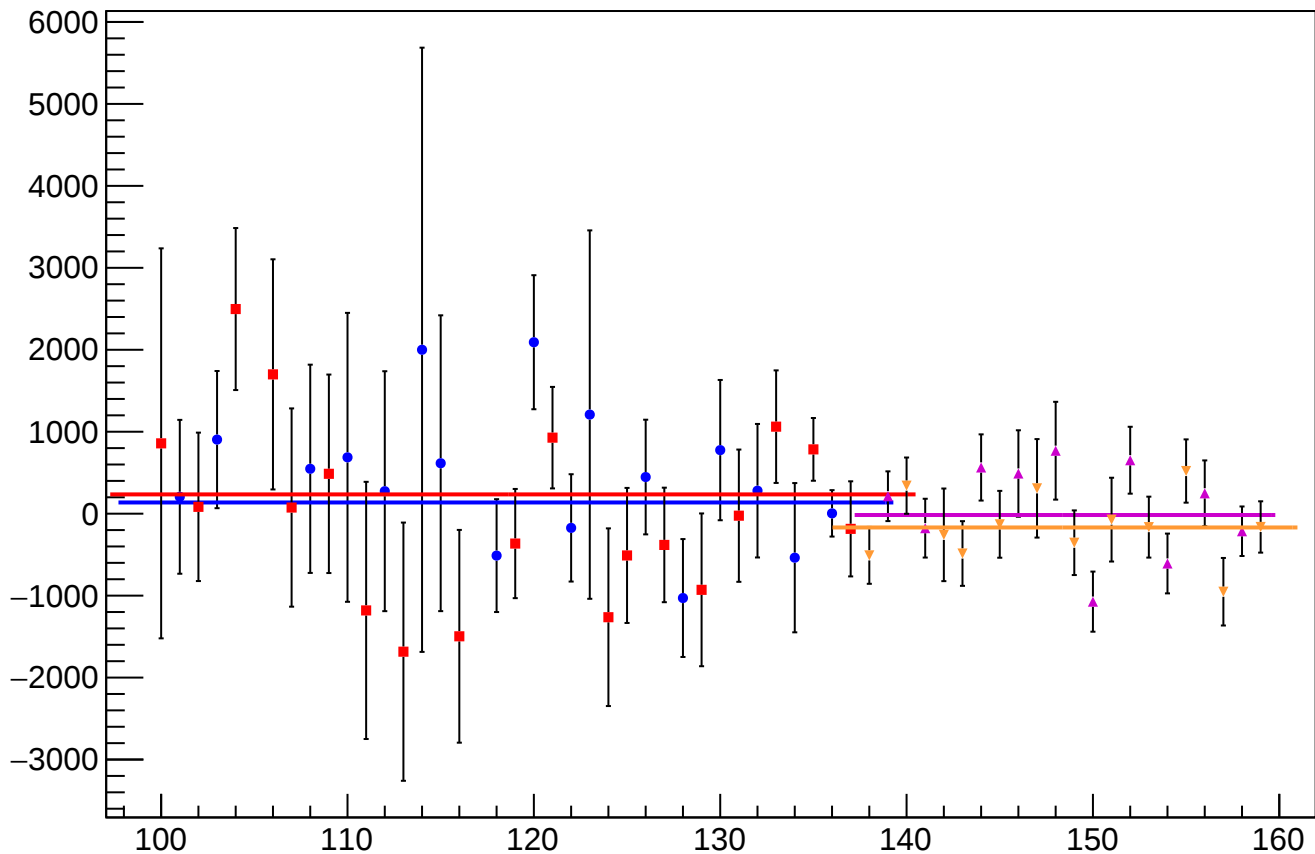
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 363.615+/-0.070 χ^2/NDF : 3014083.0/26

Out: 370.346+/-0.069 χ^2/NDF : 3135253.3/30

All: 367.055+/-0.049 χ^2/NDF : 6154031.5/57

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 χ^2/NDF : 12.6/16

Left Out: -168.242 ± 115.155 χ^2/NDF : 11.5/11

Right Out: 235.334 ± 184.025 χ^2/NDF : 21.8/18

Left In: -16.175 ± 120.150 χ^2/NDF : 20.0/9

Left: -95.435 ± 83.137 χ^2/NDF : 32.4/21

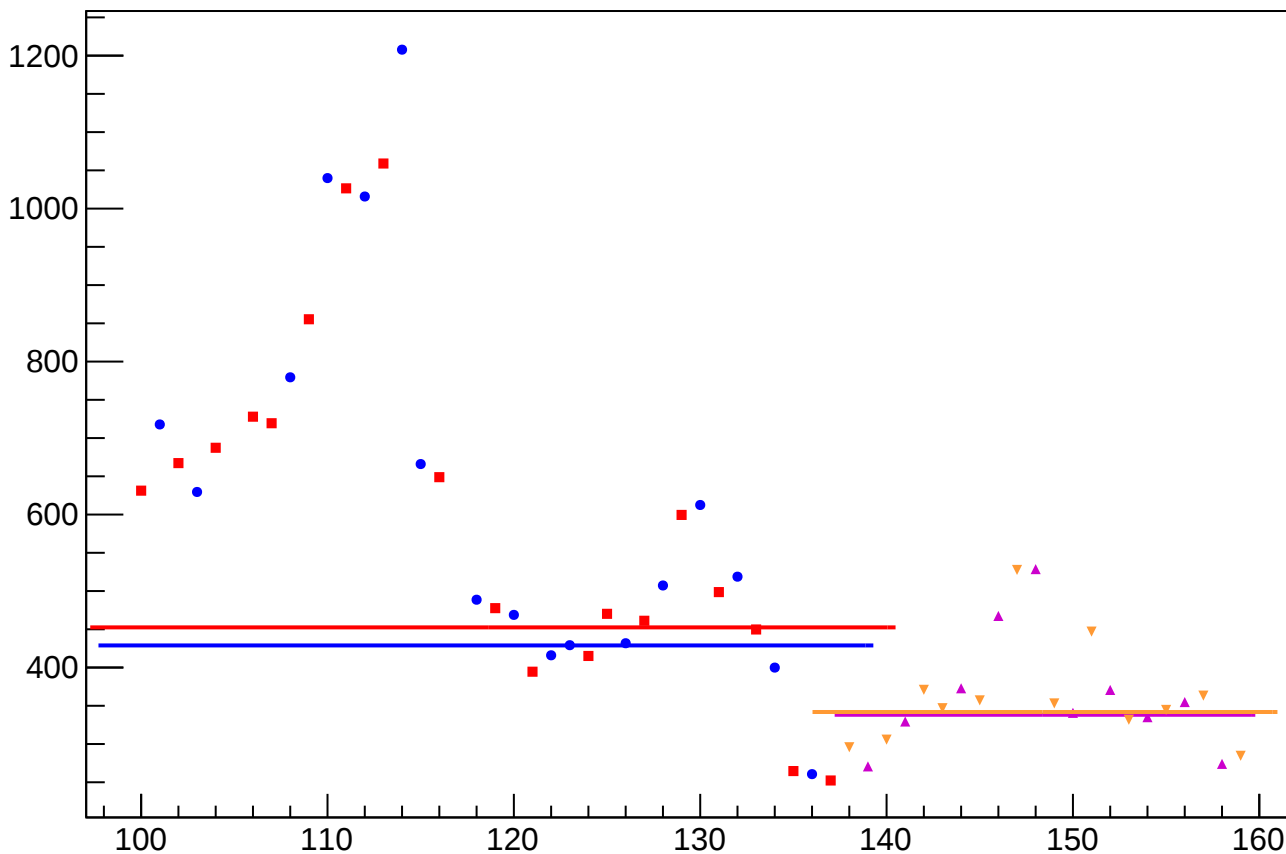
Right: 184.875 ± 128.536 χ^2/NDF : 34.6/35

In: 31.121 ± 99.865 χ^2/NDF : 33.1/26

Out: -54.681 ± 97.618 χ^2/NDF : 36.8/30

All: -12.756 ± 69.807 χ^2/NDF : 70.3/57

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 341.868+/-0.081 χ^2/NDF : 416820.0/11

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 338.243+/-0.085 χ^2/NDF : 545028.6/9

Left: 340.132+/-0.059 χ^2/NDF : 962797.6/21

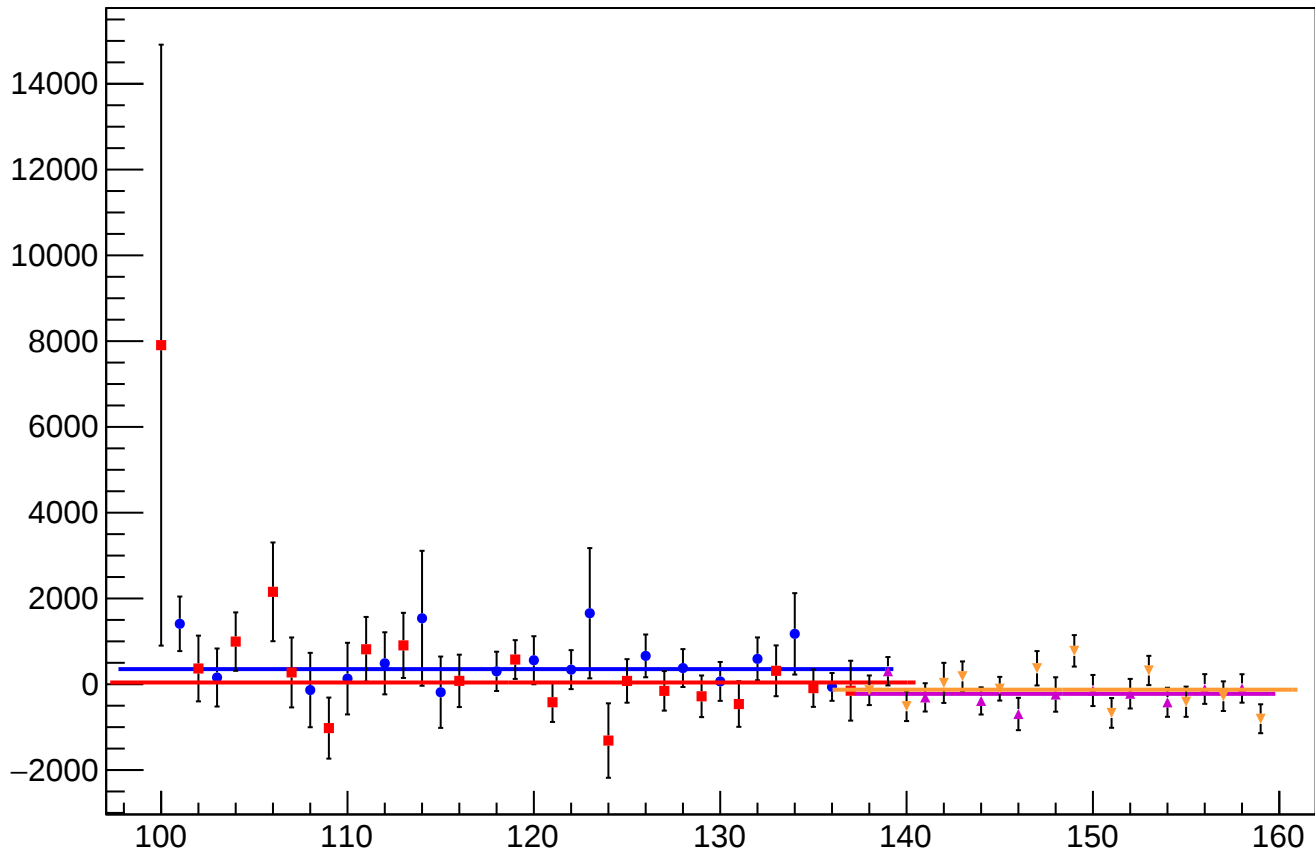
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 366.267+/-0.071 χ^2/NDF : 2907552.9/26

Out: 372.995+/-0.069 χ^2/NDF : 2978226.1/30

All: 369.707+/-0.049 χ^2/NDF : 5890421.4/57

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -126.521 ± 100.764 $\chi^2/\text{NDF}: 18.8/11$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -223.629 ± 109.344 $\chi^2/\text{NDF}: 5.1/9$

Left: -171.116 ± 74.099 $\chi^2/\text{NDF}: 24.3/21$

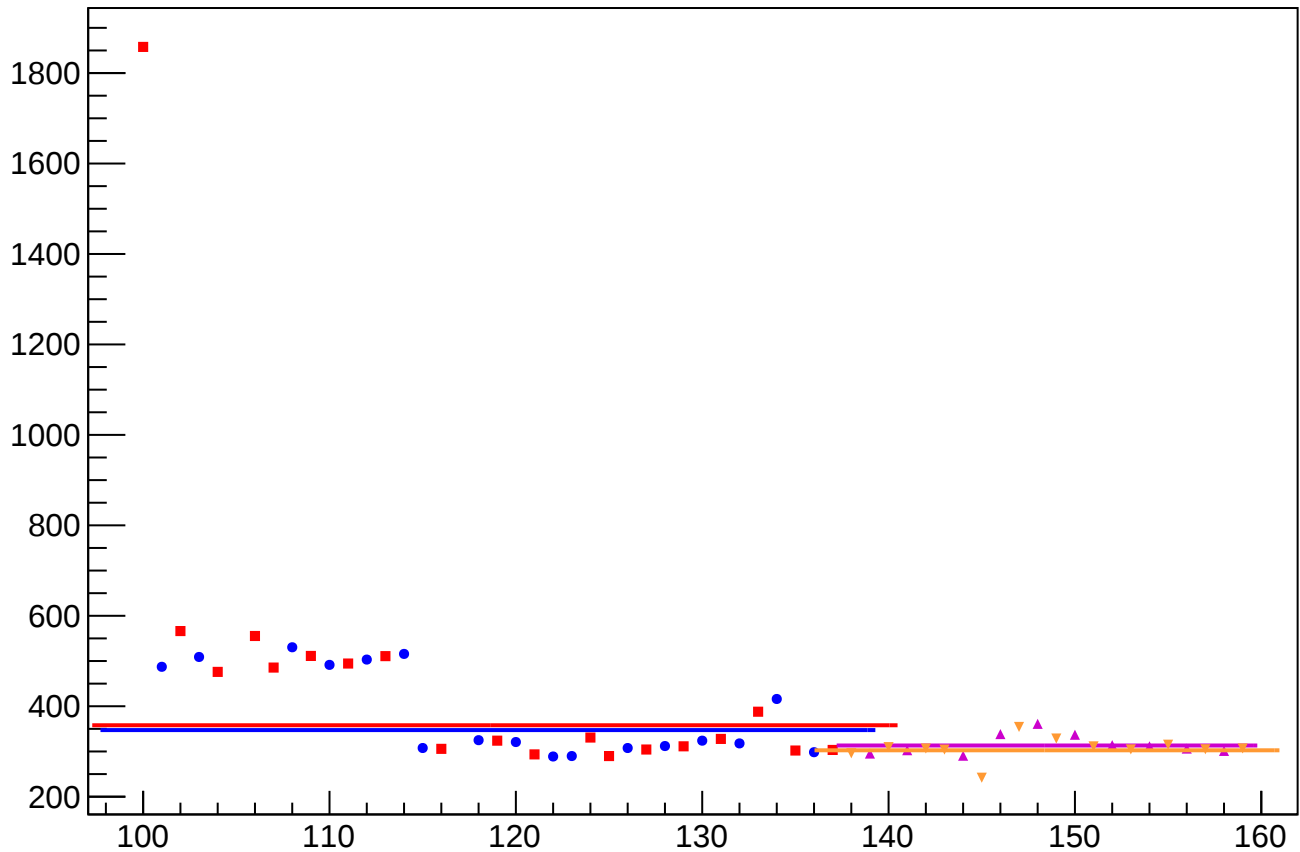
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: 0.132 ± 85.533 $\chi^2/\text{NDF}: 24.4/26$

Out: -68.784 ± 81.582 $\chi^2/\text{NDF}: 38.0/30$

All: -35.954 ± 59.035 $\chi^2/\text{NDF}: 62.7/57$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 302.593 $\pm$ 0.071 χ^2 /NDF: 145501.7/11

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 313.204 $\pm$ 0.077 χ^2 /NDF: 67391.2/9

Left: 307.466 $\pm$ 0.052 χ^2 /NDF: 223078.0/21

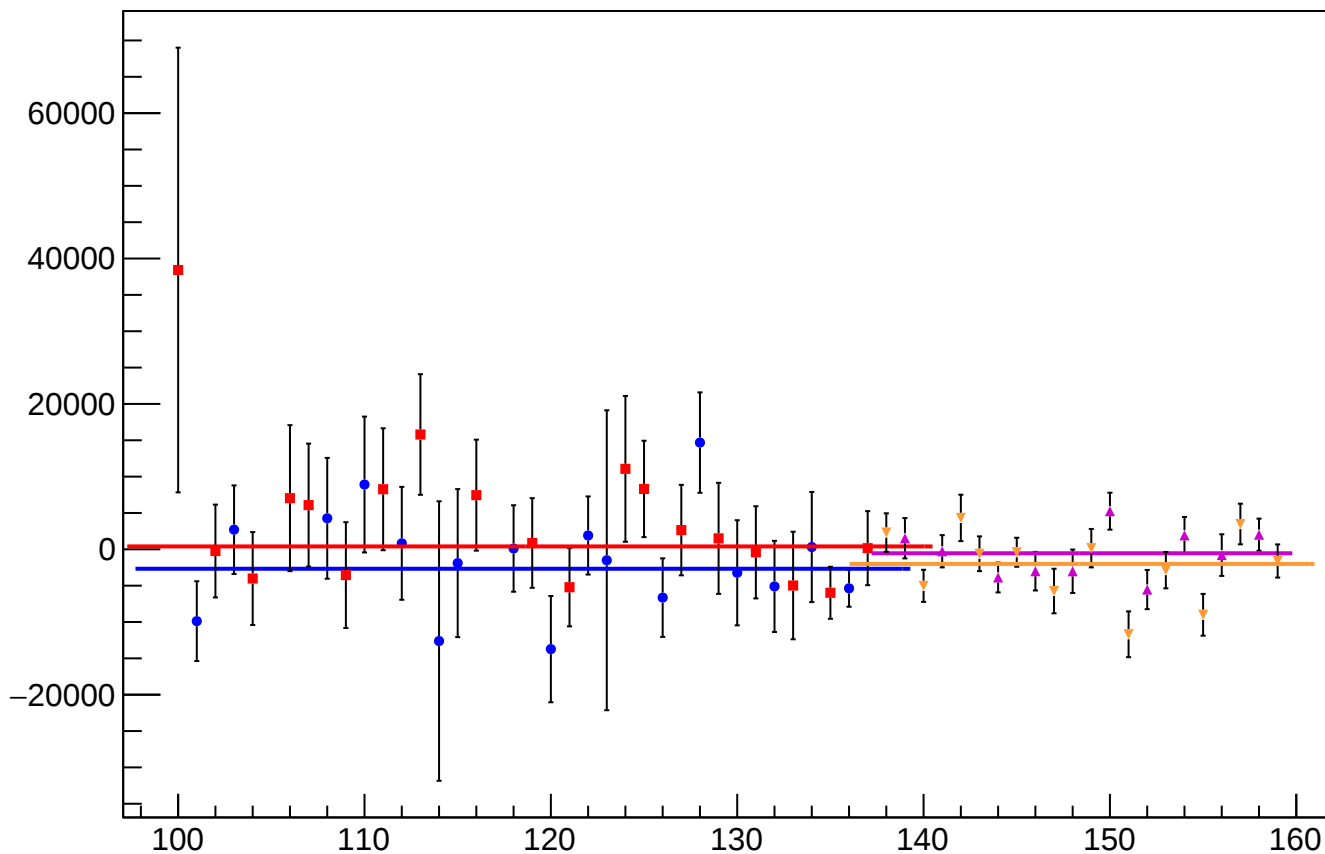
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 326.429 $\pm$ 0.060 χ^2 /NDF: 761680.7/26

Out: 321.665 $\pm$ 0.058 χ^2 /NDF: 1205133.0/30

All: 323.934 $\pm$ 0.042 χ^2 /NDF: 1970062.1/57

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2008.402+/-740.595 χ^2/NDF : 31.0/11

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -543.069+/-790.506 χ^2/NDF : 15.7/9

Left: -1323.452+/-540.464 χ^2/NDF : 48.5/21

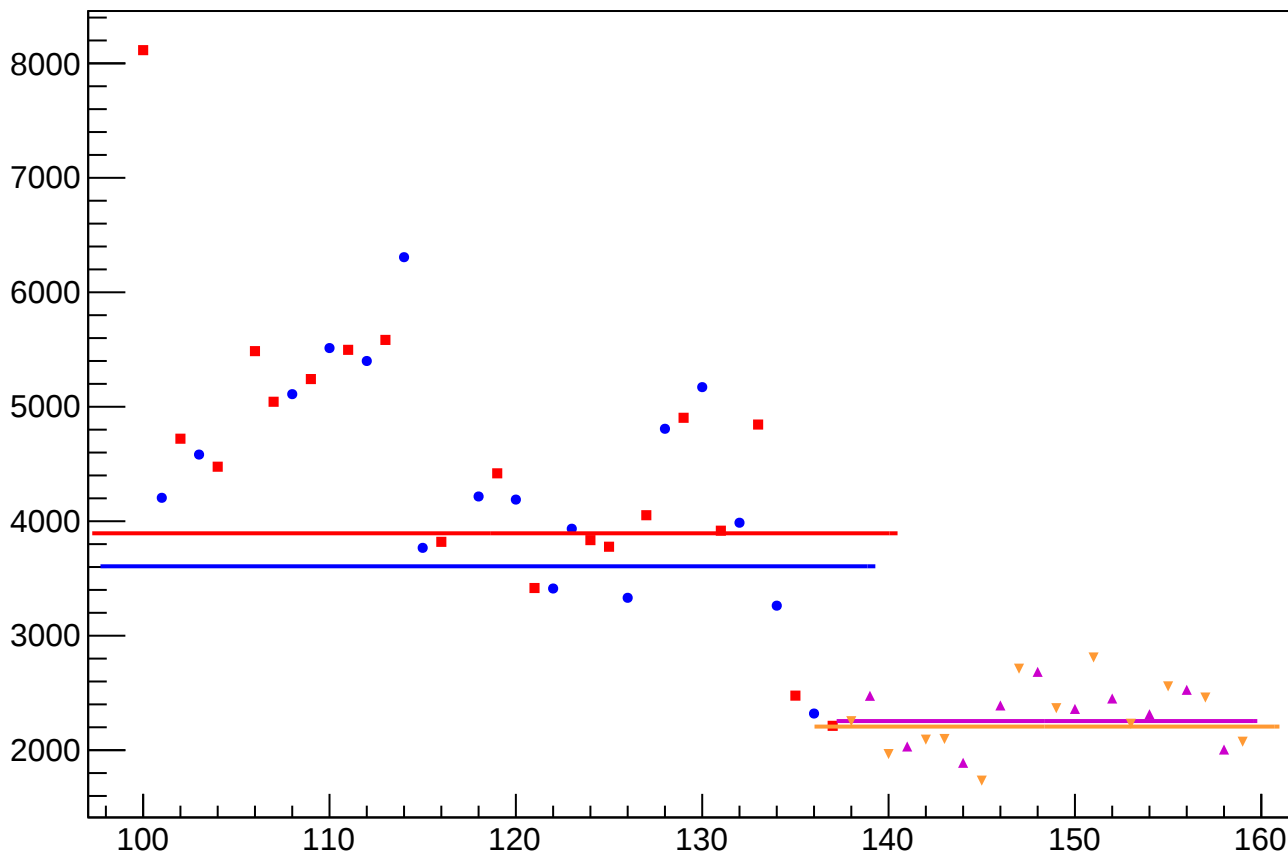
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1028.114+/-694.738 χ^2/NDF : 34.1/26

Out: -1544.659+/-665.433 χ^2/NDF : 48.9/30

All: -1297.510+/-480.558 χ^2/NDF : 83.3/57

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2206.014+/-0.524 χ^2/NDF : 331551.0/11

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2254.404+/-0.559 χ^2/NDF : 201276.4/9

Left: 2228.633+/-0.382 χ^2/NDF : 536818.5/21

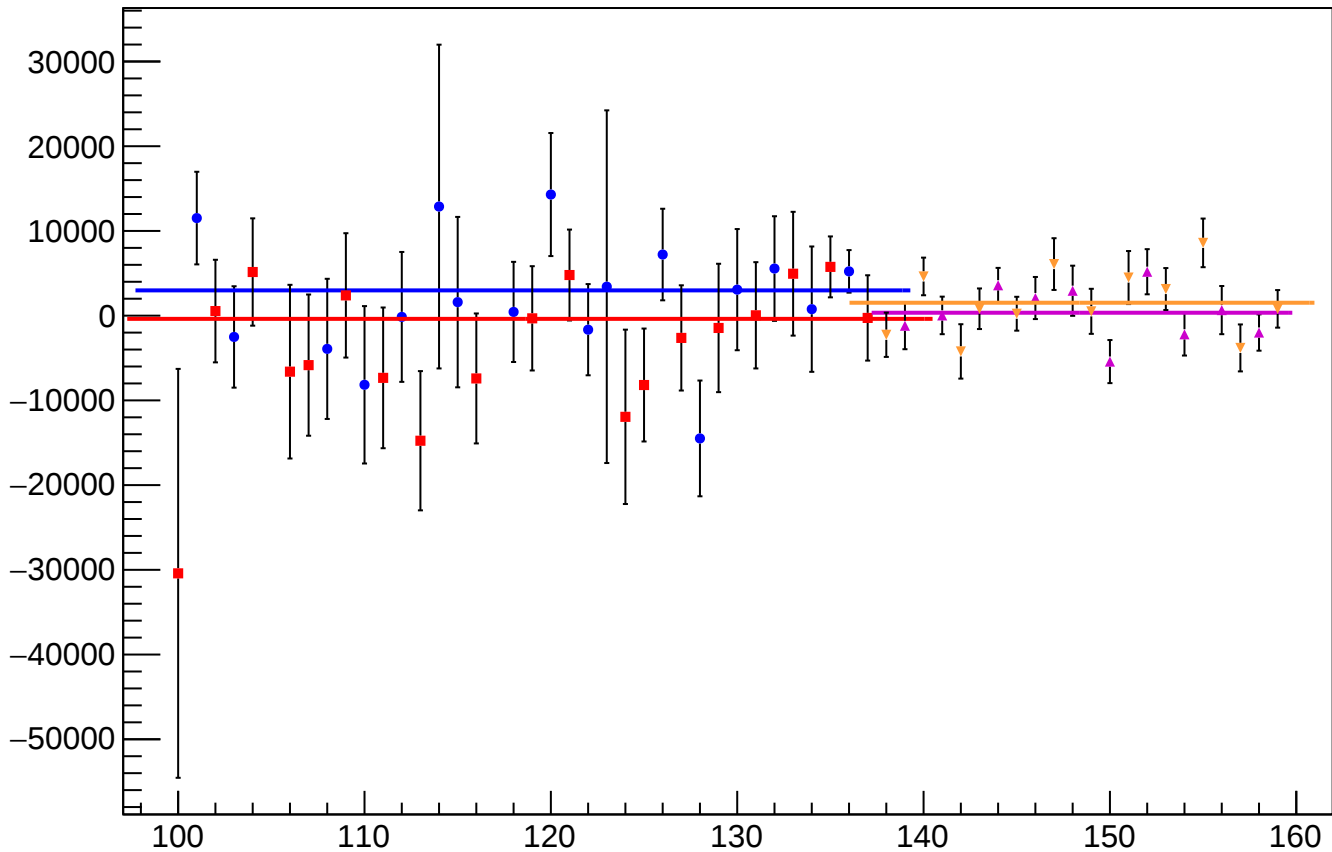
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2562.133+/-0.491 χ^2/NDF : 2625326.7/26

Out: 2531.364+/-0.471 χ^2/NDF : 3367584.7/30

All: 2546.086+/-0.340 χ^2/NDF : 5994957.4/57

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1525.436 $\pm$ 737.200 χ^2 /NDF:21.3/11

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 345.191 $\pm$ 779.866 χ^2 /NDF:14.8/9

Left: 968.480 $\pm$ 535.728 χ^2 /NDF: 37.3/21

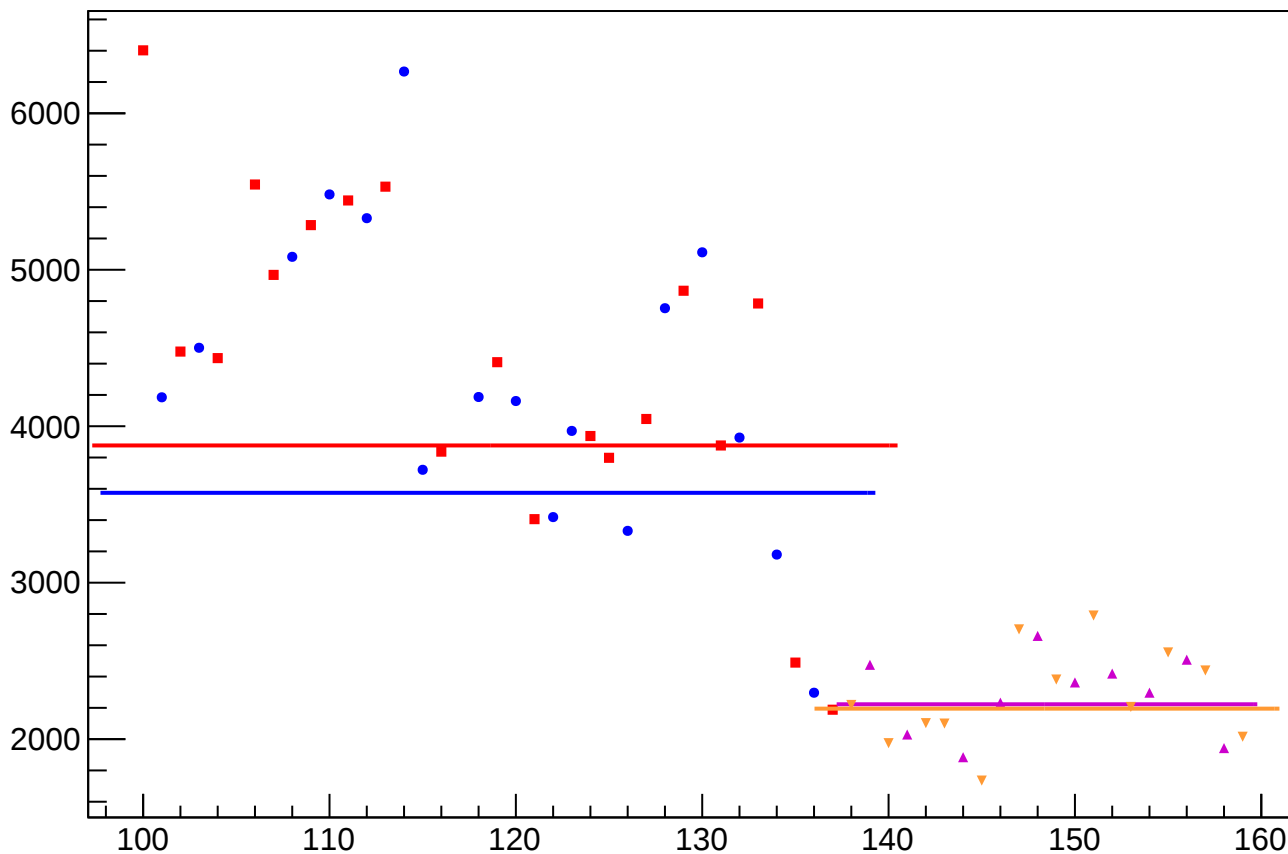
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 941.219 $\pm$ 686.148 χ^2 /NDF:34.8/26

Out: 1158.171 $\pm$ 662.246 χ^2 /NDF:37.7/30

All: 1053.539 $\pm$ 476.504 χ^2 /NDF: 72.5/57

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2194.949 $\pm$ 0.521 χ^2/NDF : 327775.8/11

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2222.804 $\pm$ 0.551 χ^2/NDF : 202803.7/9

Left: 2208.094 $\pm$ 0.379 χ^2/NDF : 531926.9/21

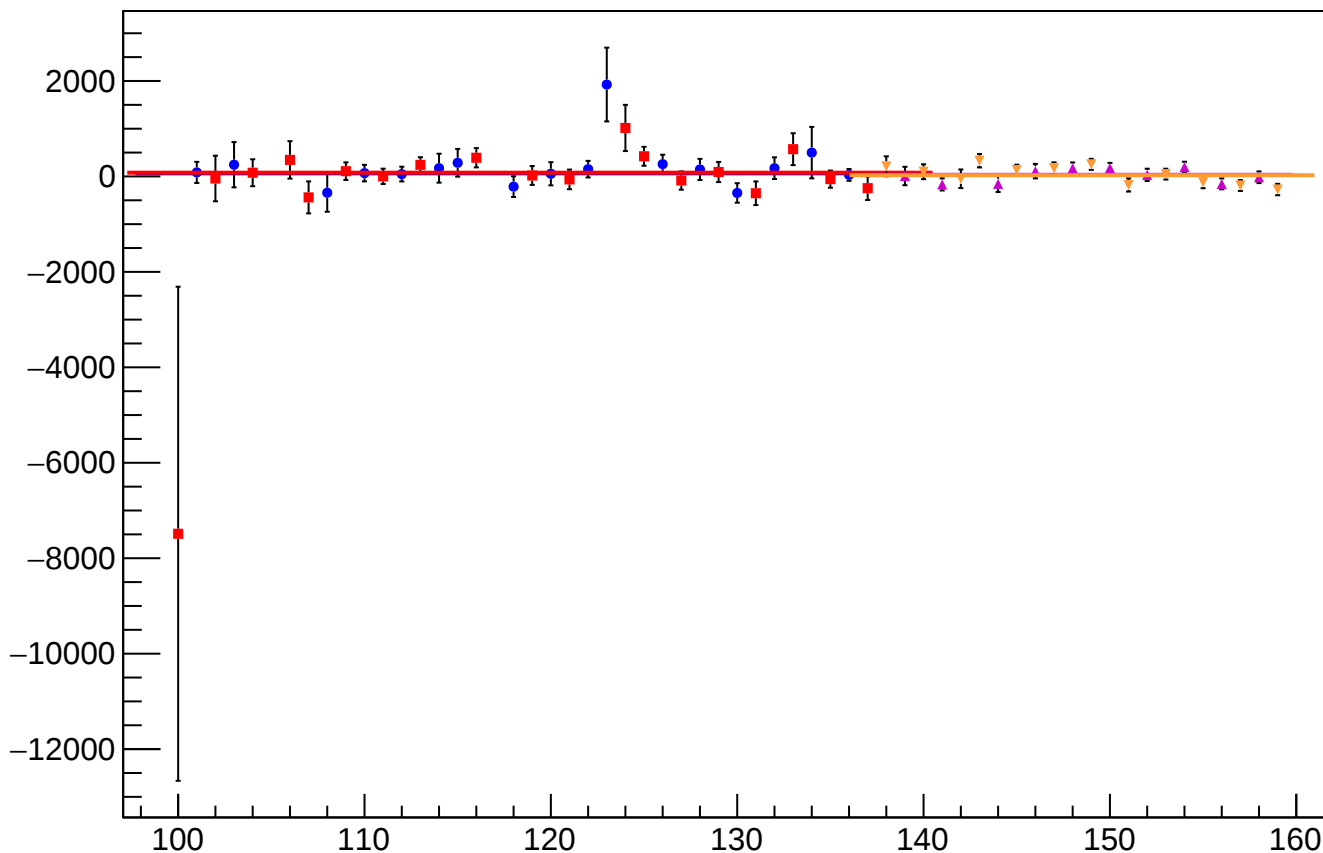
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2528.126 $\pm$ 0.485 χ^2/NDF : 2651163.8/26

Out: 2519.628 $\pm$ 0.468 χ^2/NDF : 3327851.2/30

All: 2523.727 $\pm$ 0.337 χ^2/NDF : 5979173.8/57

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 25.828+/-37.662 χ^2/NDF : 25.6/11

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 33.817+/-40.835 χ^2/NDF : 11.9/9

Left: 29.500+/-27.685 χ^2/NDF : 37.6/21

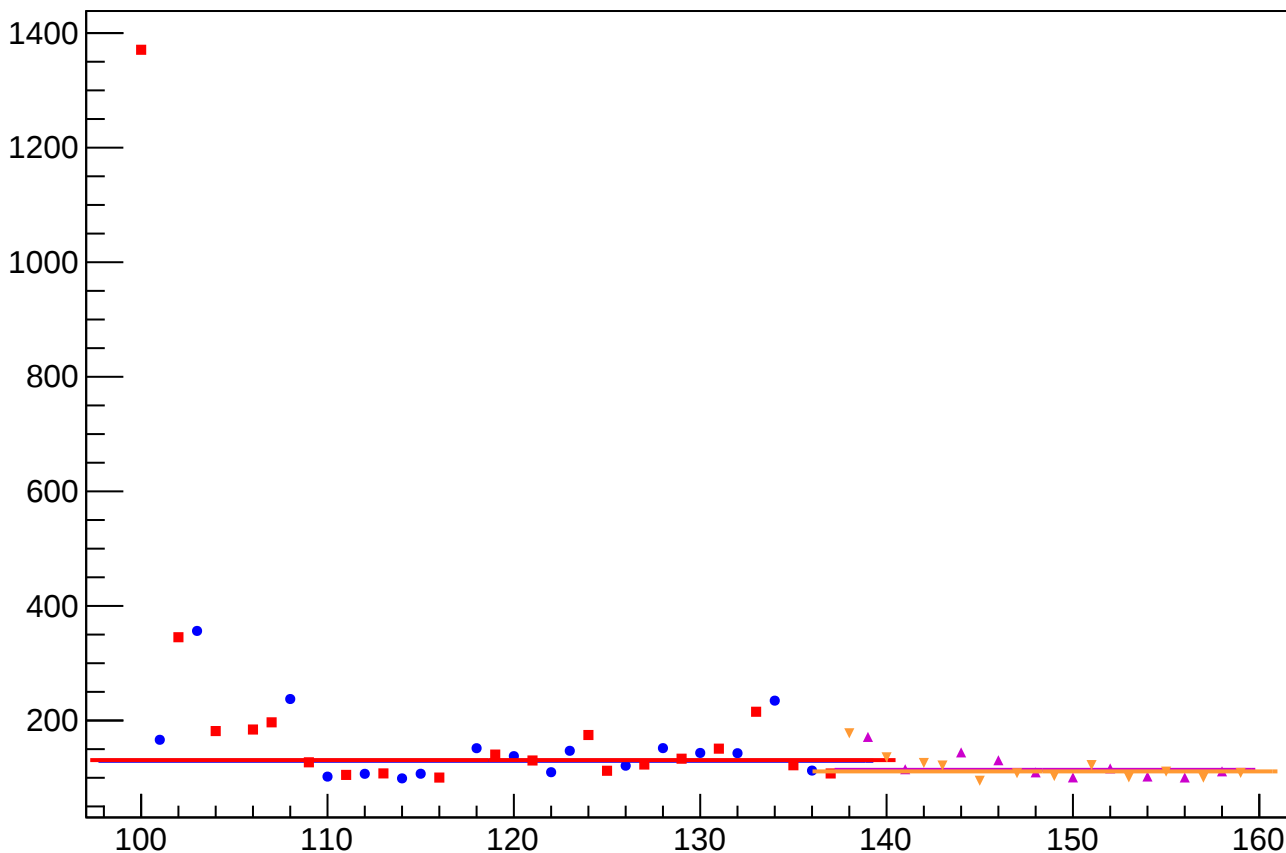
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 45.600+/-32.279 χ^2/NDF : 27.9/26

Out: 43.864+/-30.570 χ^2/NDF : 50.6/30

All: 44.685+/-22.196 χ^2/NDF : 78.5/57

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.163 $\pm$ 0.027 χ^2 /NDF: 377175.0/11

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 113.873 $\pm$ 0.029 χ^2 /NDF: 347424.8/9

Left: 112.409 $\pm$ 0.020 χ^2 /NDF: 729361.2/21

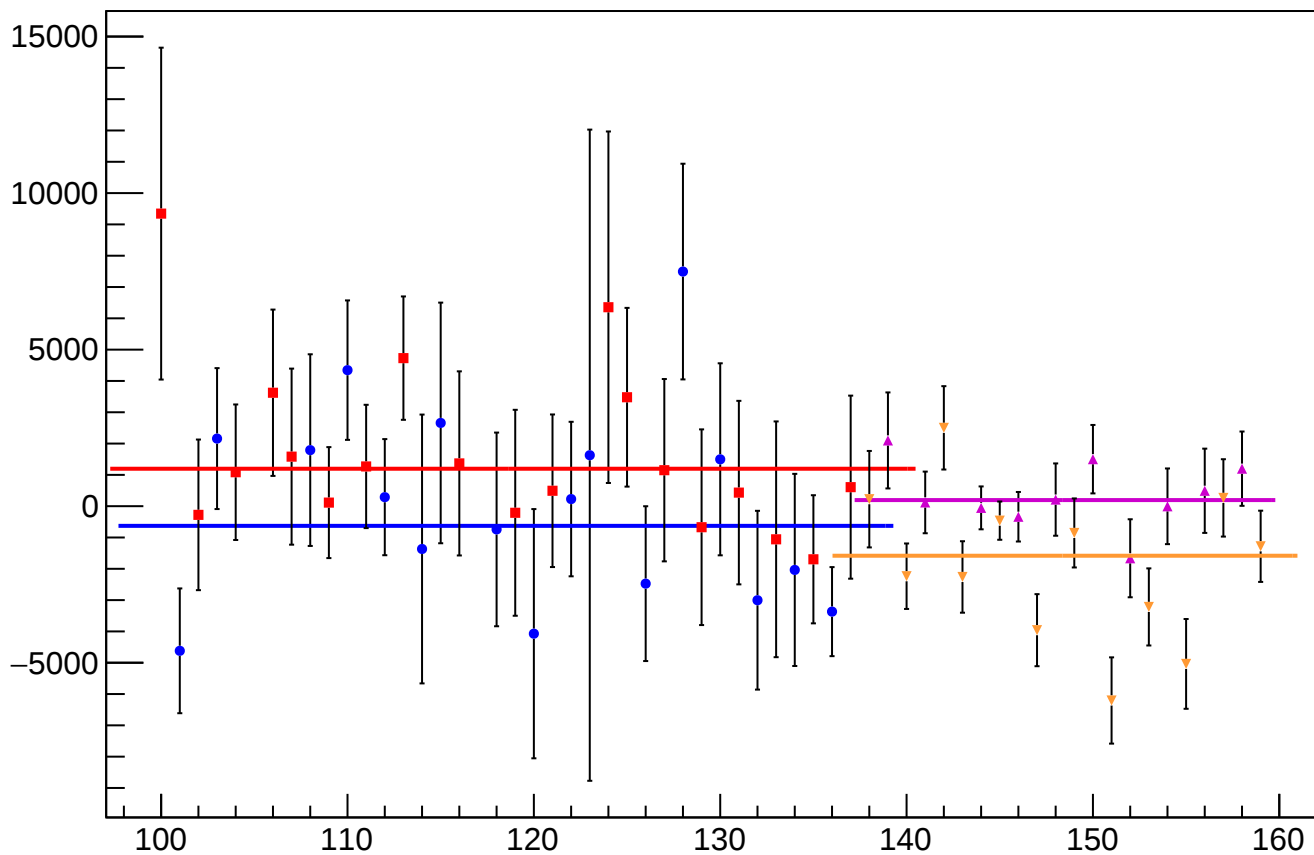
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 119.810 $\pm$ 0.023 χ^2 /NDF: 1449765.7/26

Out: 117.888 $\pm$ 0.022 χ^2 /NDF: 1606457.9/30

All: 118.797 $\pm$ 0.016 χ^2 /NDF: 3059958.2/57

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1582.434 ± 315.808 χ^2/NDF : 40.7/11

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 195.029 ± 326.781 χ^2/NDF : 6.6/9

Left: -724.046 ± 227.090 χ^2/NDF : 62.6/21

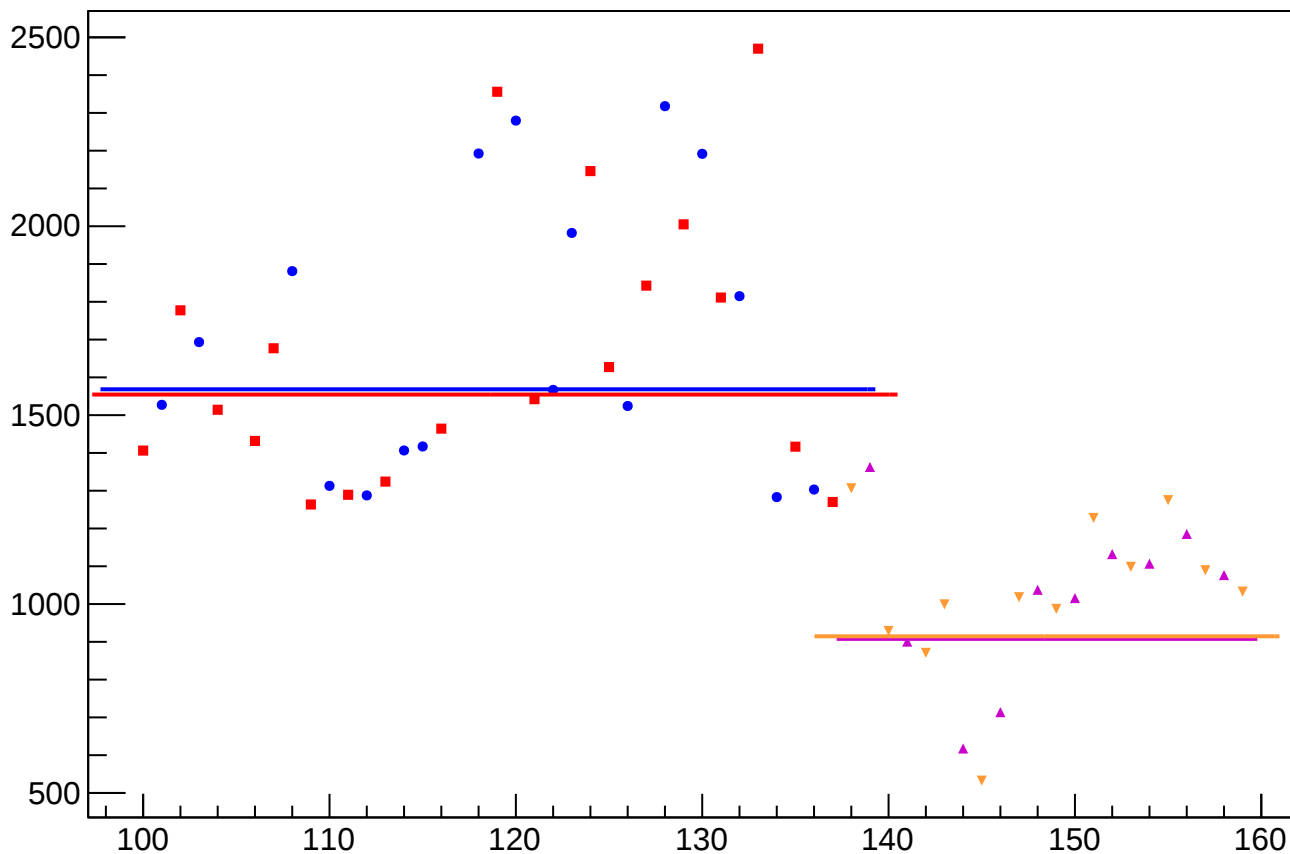
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: 16.732 ± 289.235 χ^2/NDF : 32.2/26

Out: -972.800 ± 279.021 χ^2/NDF : 69.5/30

All: -495.815 ± 200.811 χ^2/NDF : 107.8/57

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 914.620+/-0.223 χ^2/NDF : 1285962.6/11

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 907.844+/-0.231 χ^2/NDF : 945112.1/9

Left: 911.348+/-0.161 χ^2/NDF : 2231519.3/21

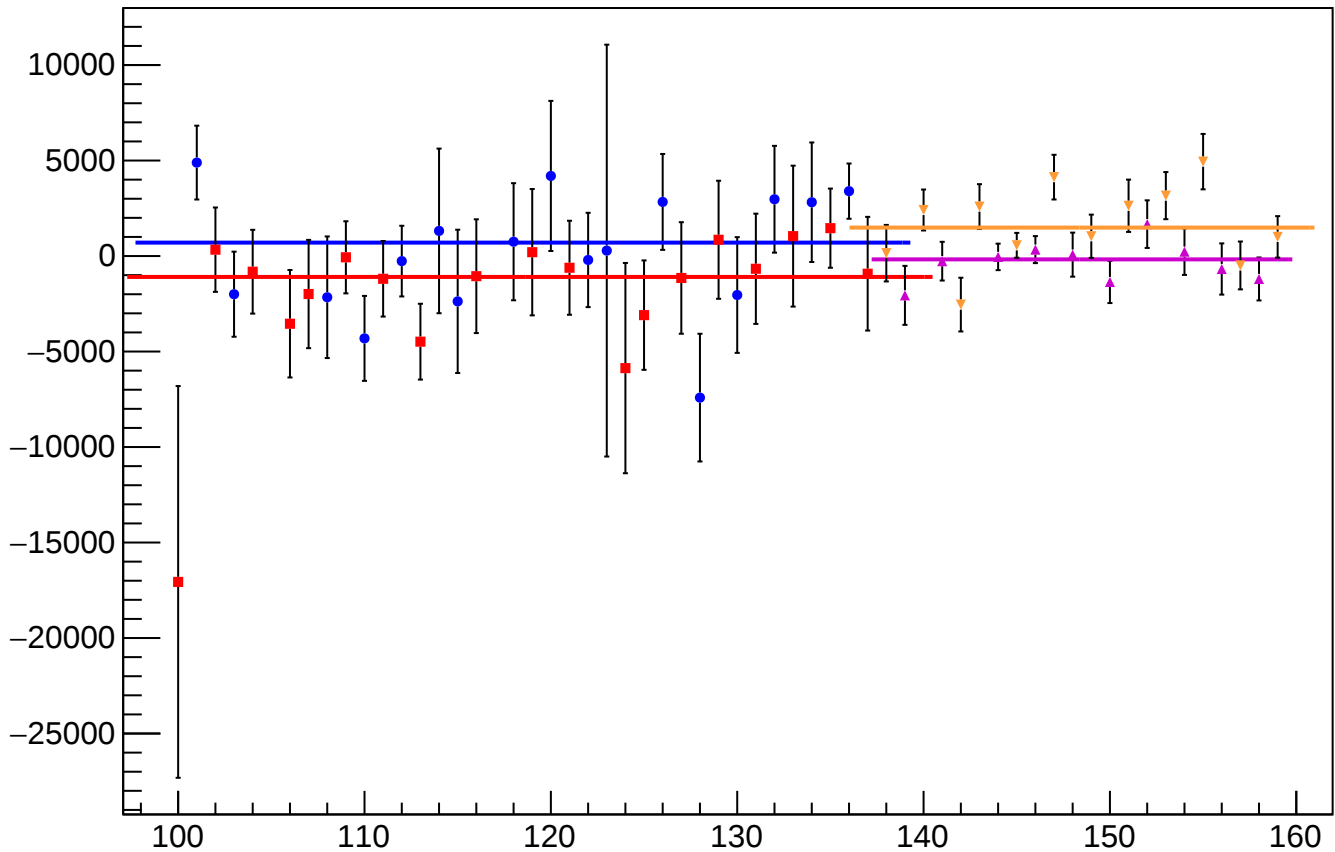
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1050.932+/-0.205 χ^2/NDF : 3249744.3/26

Out: 1055.016+/-0.197 χ^2/NDF : 3599602.4/30

All: 1053.047+/-0.142 χ^2/NDF : 6849553.3/57

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1490.118+/-323.013 χ^2/NDF : 28.9/11

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -175.058+/-320.998 χ^2/NDF : 6.5/9

Left: 652.320+/-227.689 χ^2/NDF : 48.7/21

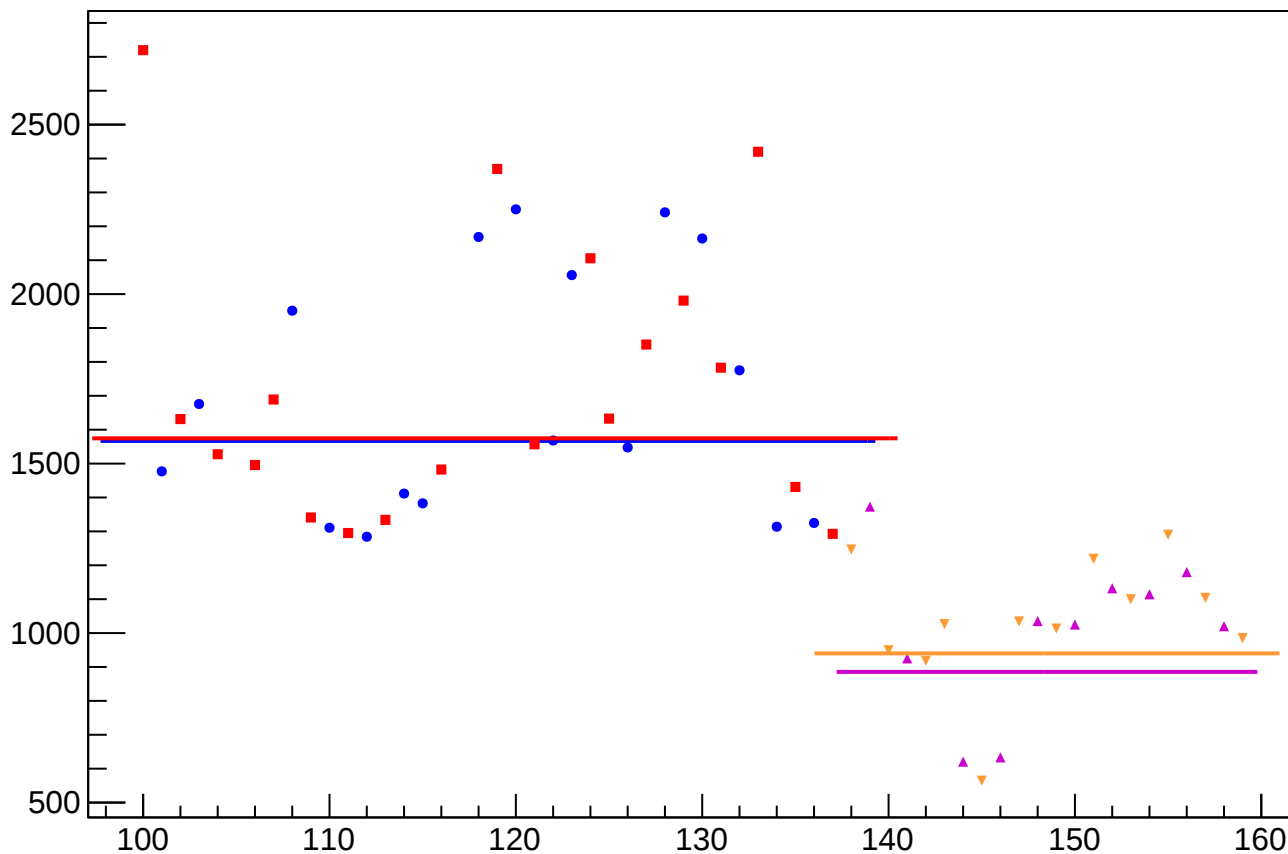
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 10.274+/-285.118 χ^2/NDF : 34.1/26

Out: 914.275+/-284.755 χ^2/NDF : 53.7/30

All: 462.850+/-201.480 χ^2/NDF : 92.9/57

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 940.125 $\pm$ 0.228 χ^2 /NDF: 1056067.1/11

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 885.510 $\pm$ 0.227 χ^2 /NDF: 1088062.1/9

Left: 912.647 $\pm$ 0.161 χ^2 /NDF: 2172896.7/21

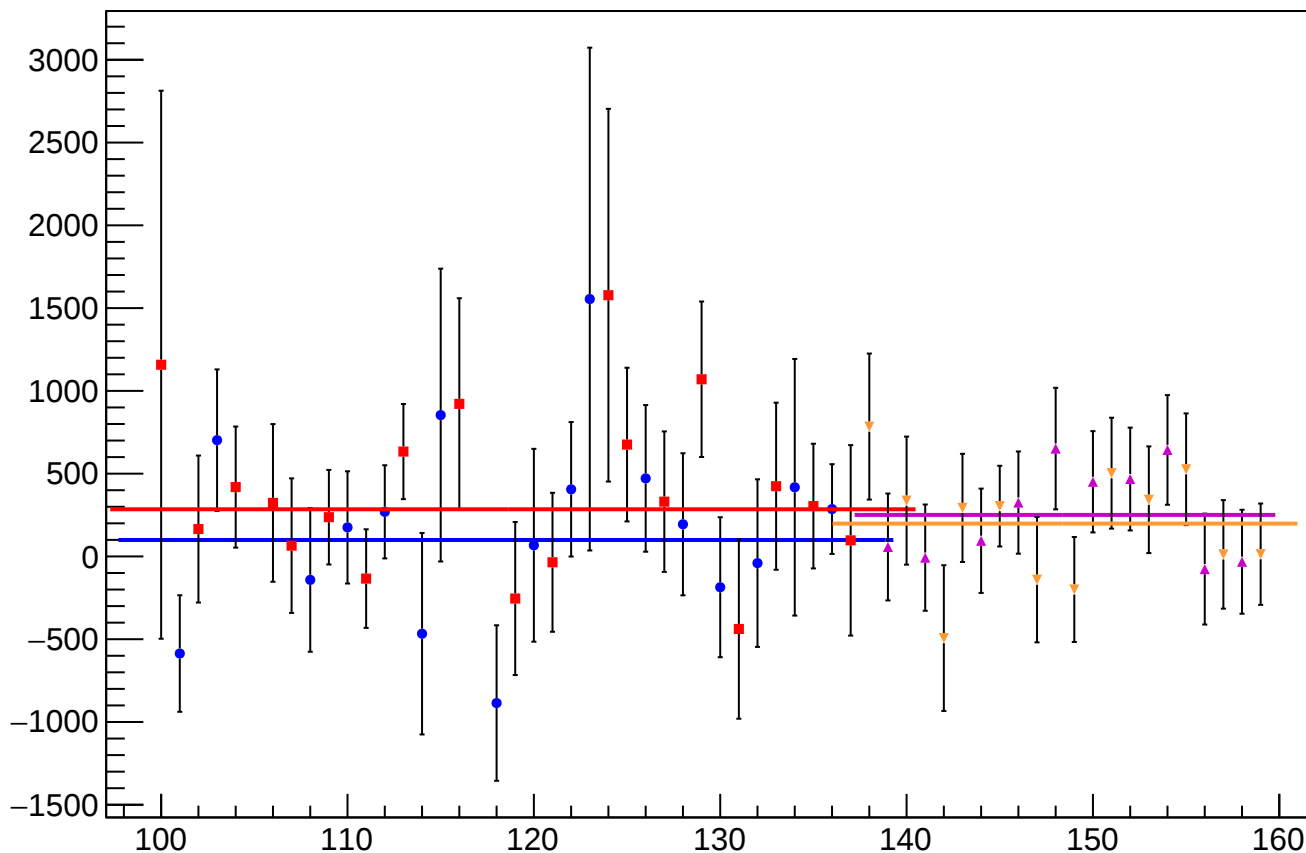
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1029.330 $\pm$ 0.202 χ^2 /NDF: 3490145.5/26

Out: 1081.502 $\pm$ 0.201 χ^2 /NDF: 3239576.7/30

All: 1055.449 $\pm$ 0.142 χ^2 /NDF: 6763248.2/57

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 198.356 $\pm$ 96.474 χ^2 /NDF: 9.7/11

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 250.795 $\pm$ 101.784 χ^2 /NDF: 6.6/9

Left: 223.172 $\pm$ 70.020 χ^2 /NDF: 16.4/21

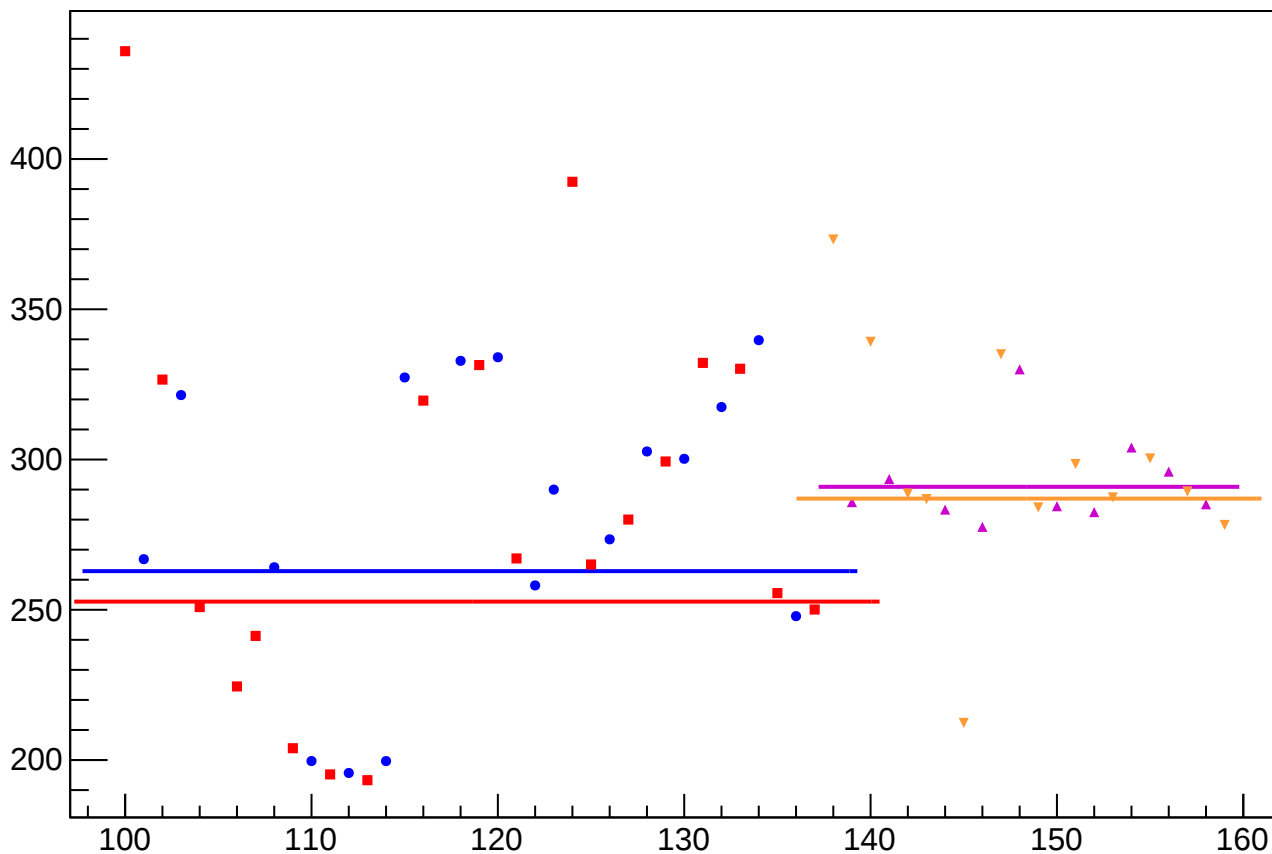
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 176.329 $\pm$ 72.559 χ^2 /NDF: 23.6/26

Out: 241.069 $\pm$ 68.650 χ^2 /NDF: 24.1/30

All: 210.490 $\pm$ 49.867 χ^2 /NDF: 48.1/57

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 $\chi^2/\text{NDF}: 411698.3/16$

Left Out: 287.000 ± 0.068 $\chi^2/\text{NDF}: 340188.5/11$

Right Out: 252.720 ± 0.069 $\chi^2/\text{NDF}: 539727.3/18$

Left In: 290.916 ± 0.072 $\chi^2/\text{NDF}: 34817.3/9$

Left: 288.853 ± 0.050 $\chi^2/\text{NDF}: 376565.8/21$

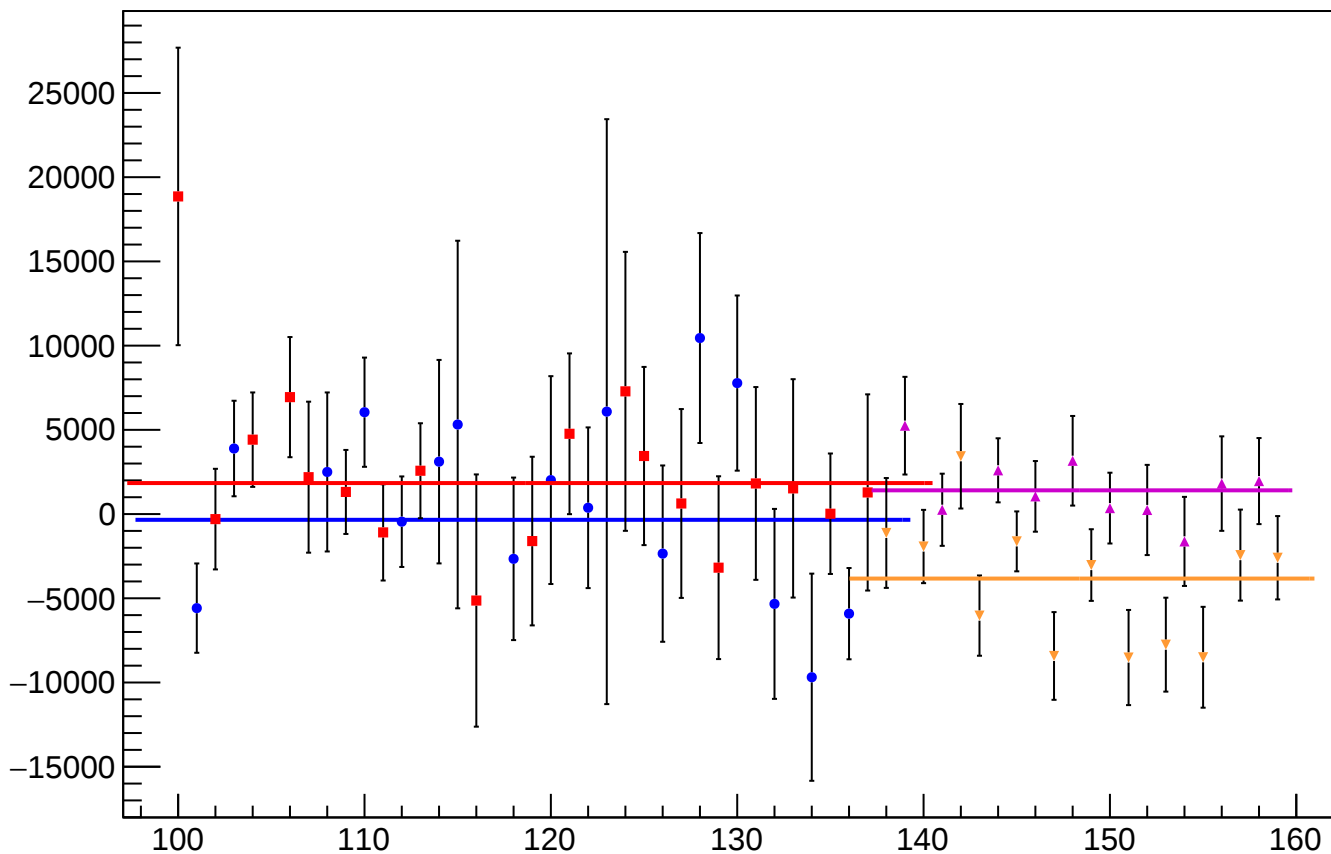
Right: 257.498 ± 0.050 $\chi^2/\text{NDF}: 961572.8/35$

In: 277.116 ± 0.051 $\chi^2/\text{NDF}: 521270.9/26$

Out: 270.078 ± 0.049 $\chi^2/\text{NDF}: 1004565.0/30$

All: 273.402 ± 0.035 $\chi^2/\text{NDF}: 1535765.1/57$

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3829.215 ± 718.771 χ^2/NDF : 20.3/11

Right Out: 1840.596 ± 924.746 χ^2/NDF : 11.7/18

Left In: 1408.857 ± 751.385 χ^2/NDF : 4.7/9

Left: -1326.322 ± 519.395 χ^2/NDF : 50.4/21

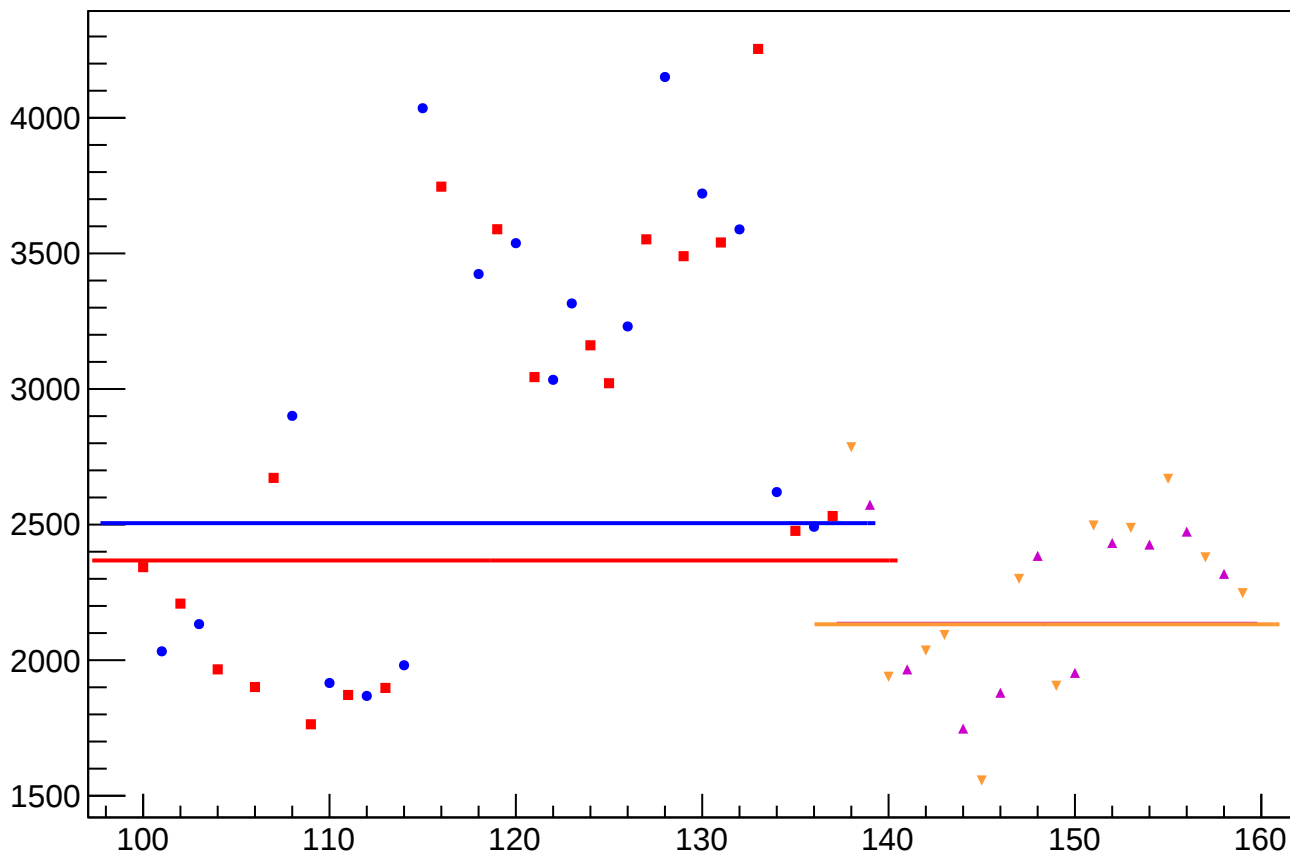
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 780.955 ± 601.709 χ^2/NDF : 31.1/26

Out: -1693.893 ± 567.505 χ^2/NDF : 55.4/30

All: -528.805 ± 412.849 χ^2/NDF : 95.4/57

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2132.323+/-0.508 χ^2/NDF : 490091.8/11

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2134.258+/-0.531 χ^2/NDF : 291642.2/9

Left: 2133.248+/-0.367 χ^2/NDF : 781740.9/21

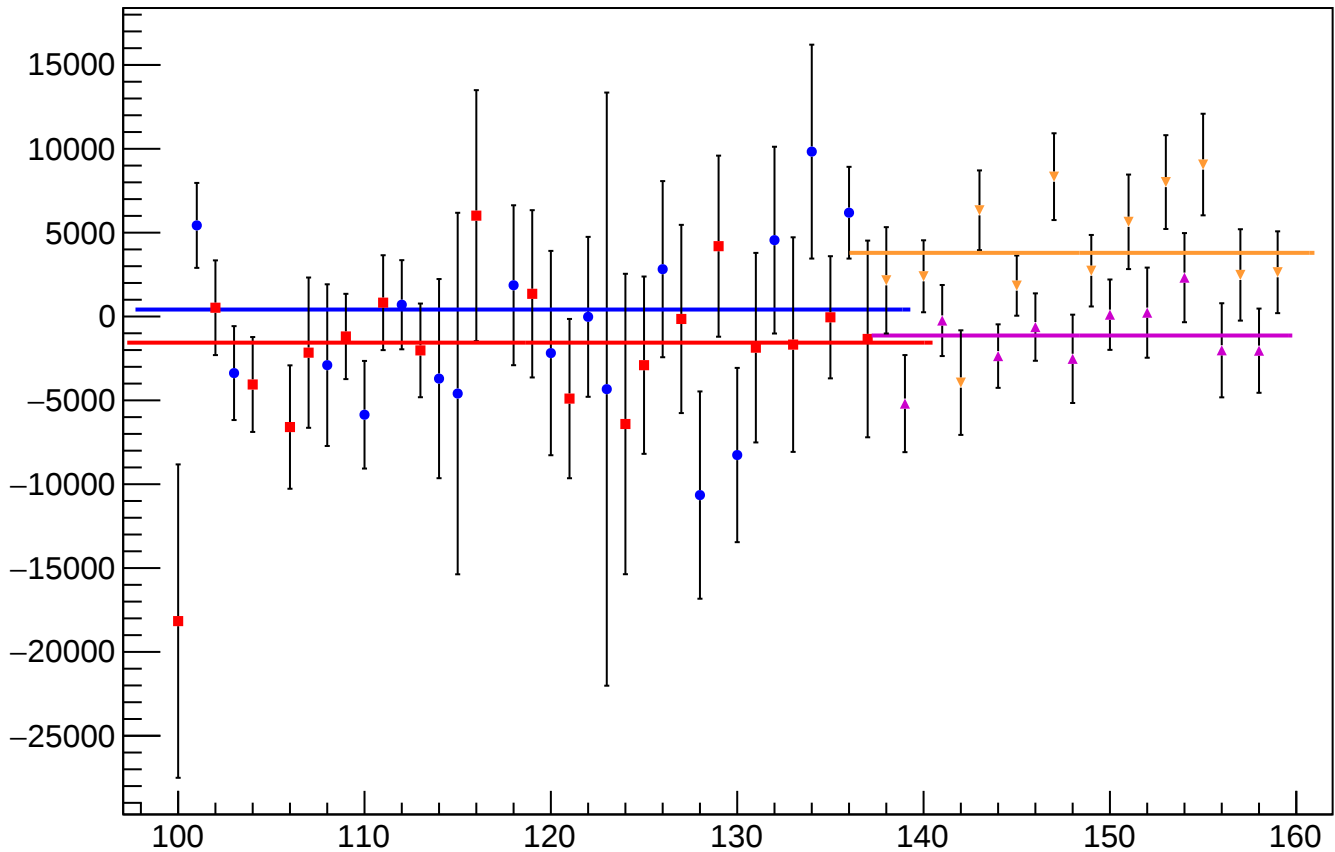
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2267.369+/-0.425 χ^2/NDF : 1330750.5/26

Out: 2220.980+/-0.401 χ^2/NDF : 1601781.8/30

All: 2242.819+/-0.292 χ^2/NDF : 2938823.3/57

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 3795.852 ± 717.733 $\chi^2/\text{NDF}: 18.7/11$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: -1133.106 ± 744.240 $\chi^2/\text{NDF}: 5.4/9$

Left: 1420.711 ± 516.631 $\chi^2/\text{NDF}: 46.8/21$

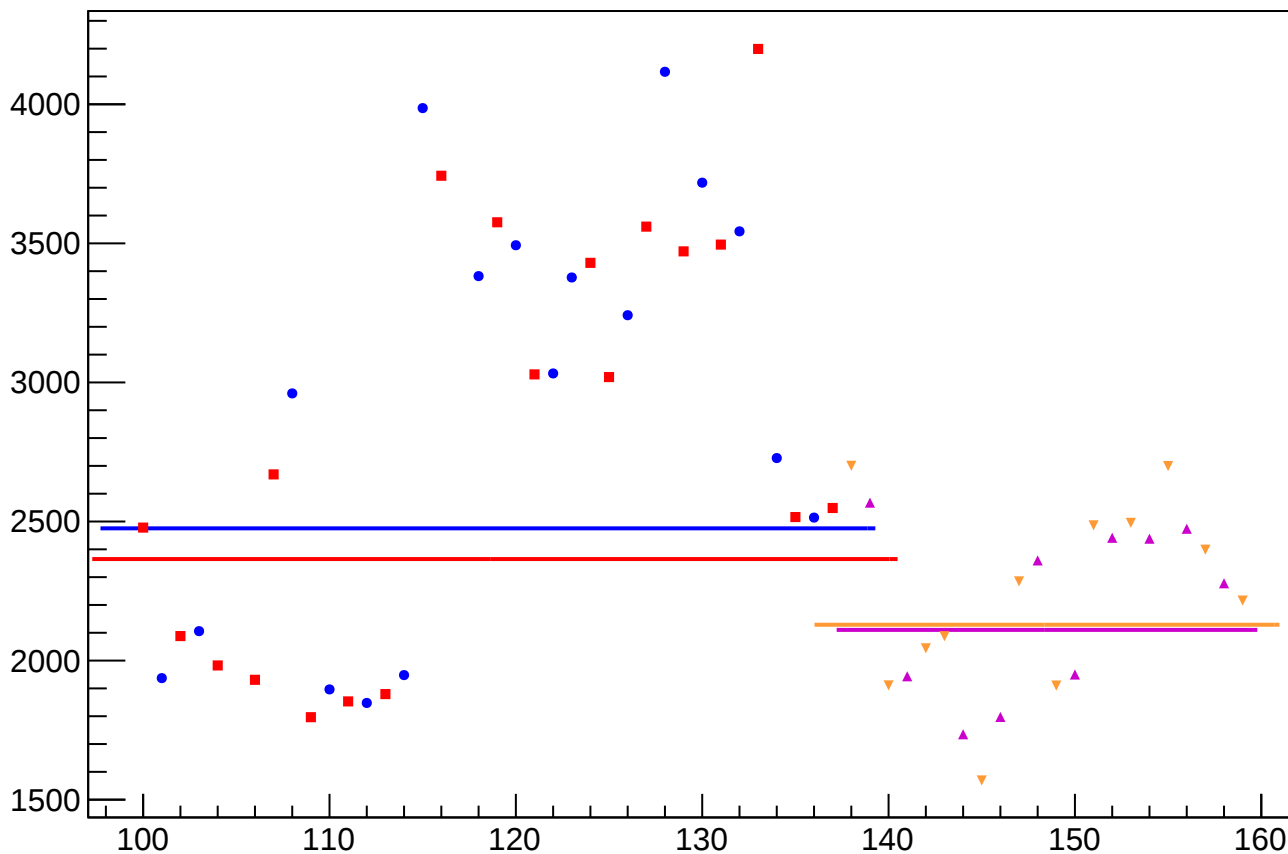
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -577.451 ± 595.951 $\chi^2/\text{NDF}: 31.5/26$

Out: 1782.026 ± 566.923 $\chi^2/\text{NDF}: 50.3/30$

All: 661.149 ± 410.754 $\chi^2/\text{NDF}: 90.1/57$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2128.875 $\pm$ 0.508 χ^2 /NDF: 470000.9/11

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2110.340 $\pm$ 0.526 χ^2 /NDF: 322350.7/9

Left: 2119.943 $\pm$ 0.365 χ^2 /NDF: 792994.3/21

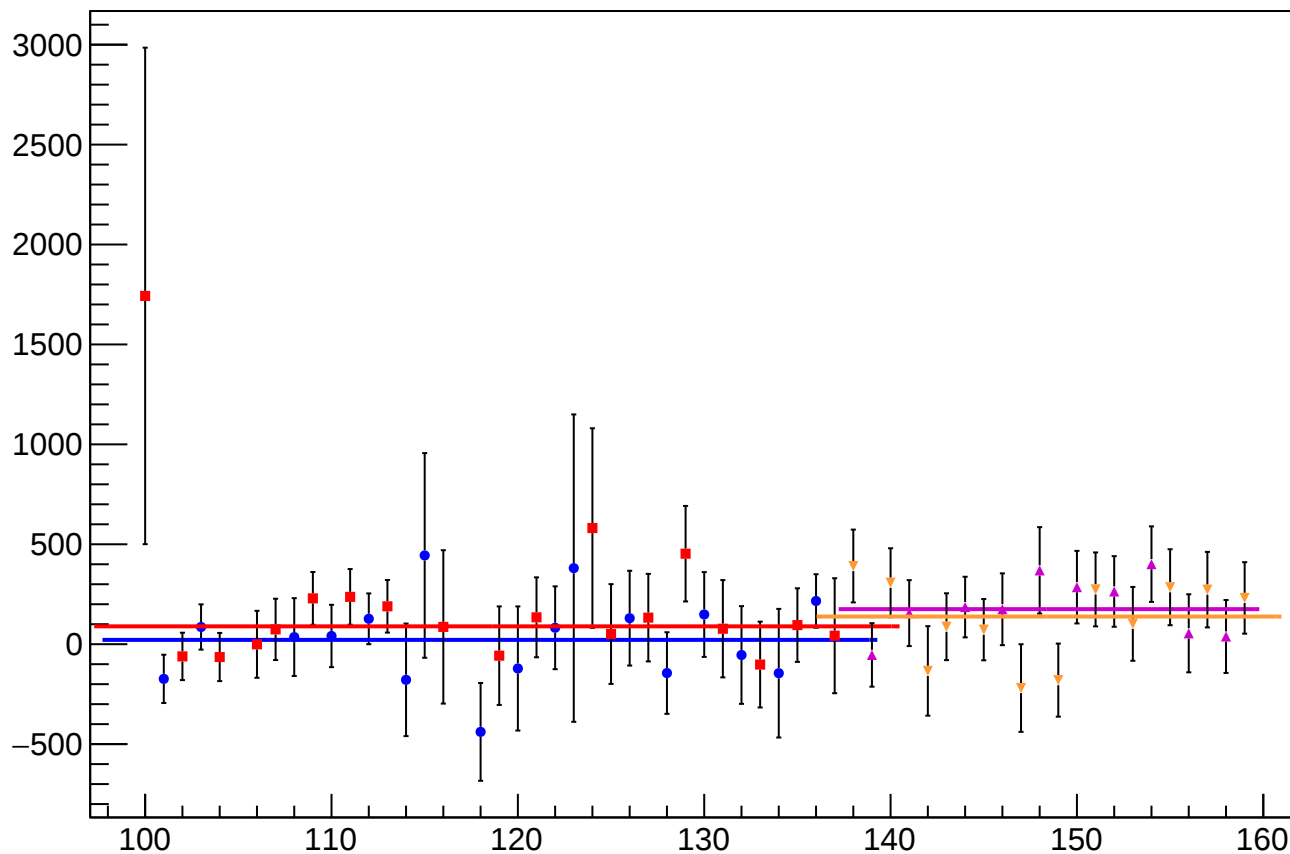
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2241.335 $\pm$ 0.421 χ^2 /NDF: 1408113.7/26

Out: 2217.688 $\pm$ 0.401 χ^2 /NDF: 1578600.4/30

All: 2228.922 $\pm$ 0.290 χ^2 /NDF: 2988367.1/57

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 138.228 $\pm$ 52.838 χ^2/NDF :12.3/11

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 175.372 $\pm$ 56.002 χ^2/NDF :5.9/9

Left: 155.721 $\pm$ 38.432 χ^2/NDF : 18.4/21

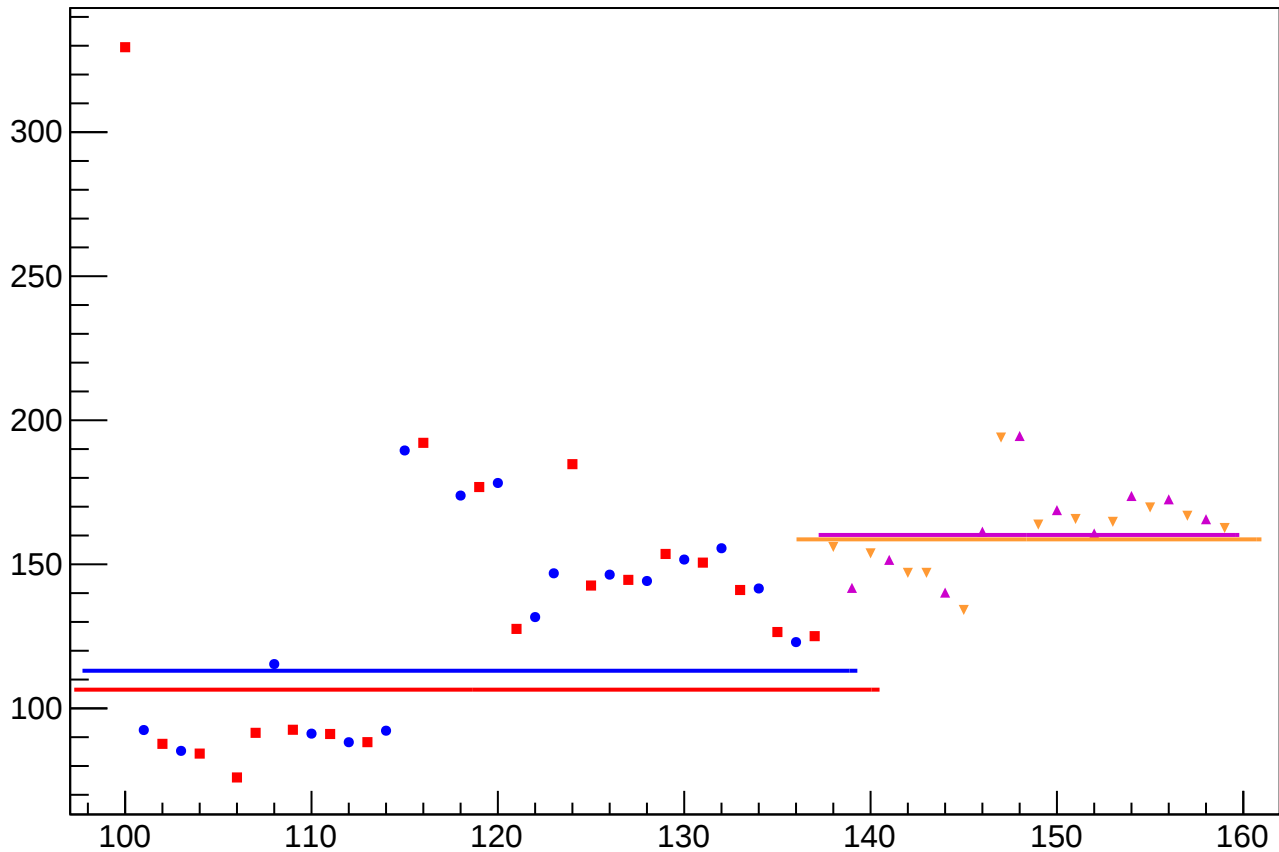
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 82.216 $\pm$ 35.153 χ^2/NDF :23.0/26

Out: 108.144 $\pm$ 32.783 χ^2/NDF :25.5/30

All: 96.083 $\pm$ 23.975 χ^2/NDF : 48.8/57

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 158.659+/-0.037 χ^2/NDF :138280.4/11

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 160.195+/-0.040 χ^2/NDF :142150.7/9

Left: 159.383+/-0.027 χ^2/NDF : 281226.6/21

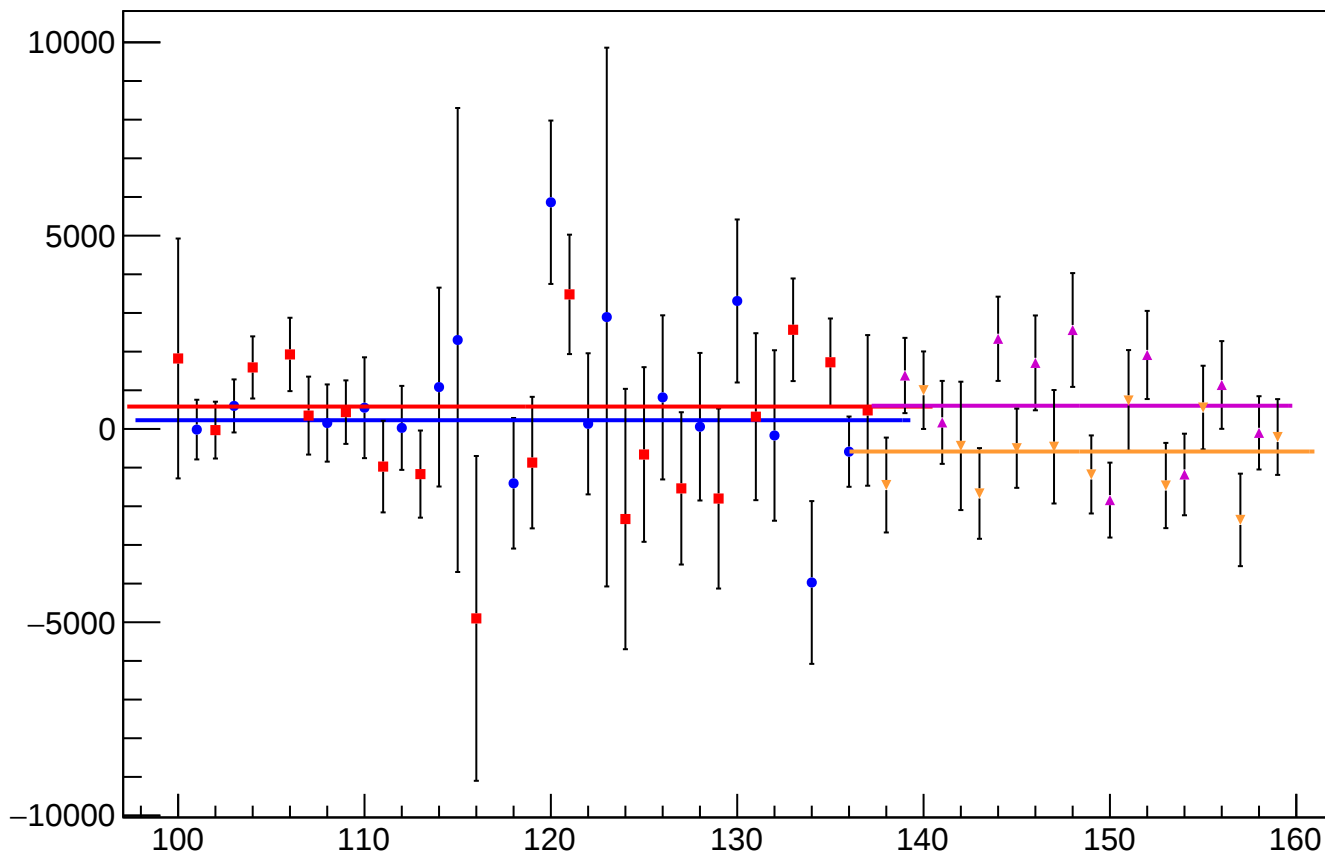
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 131.631+/-0.025 χ^2/NDF :1821558.6/26

Out: 126.575+/-0.023 χ^2/NDF :2353511.0/30

All: 128.927+/-0.017 χ^2/NDF : 4197194.7/57

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -583.649 $\pm$ 330.553 χ^2 /NDF:9.3/11

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 600.550 $\pm$ 342.685 χ^2 /NDF:17.2/9

Left: -12.883 $\pm$ 237.910 χ^2 /NDF: 32.7/21

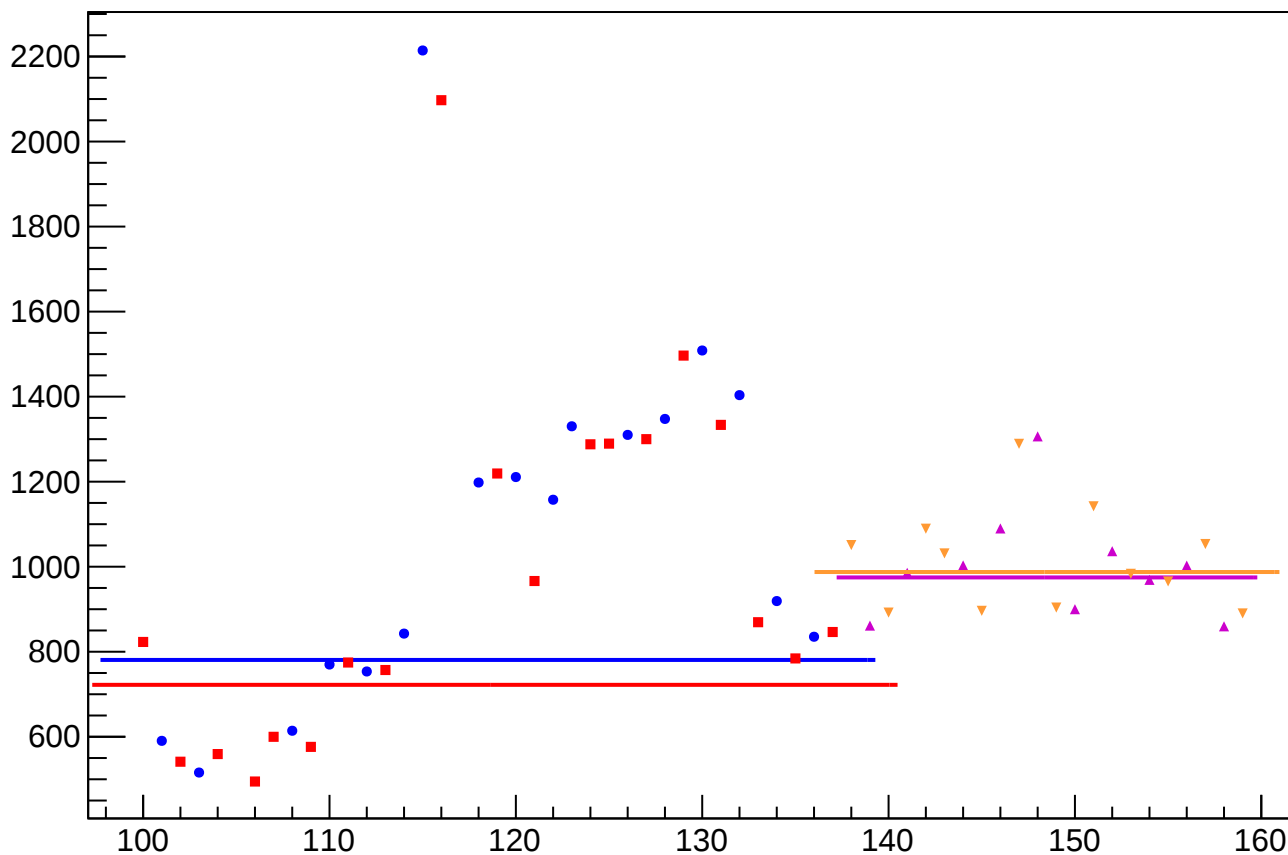
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 401.095 $\pm$ 234.433 χ^2 /NDF:33.8/26

Out: 74.850 $\pm$ 217.671 χ^2 /NDF:37.5/30

All: 225.894 $\pm$ 159.513 χ^2 /NDF: 72.3/57

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 987.518 $\pm$ 0.234 χ^2 /NDF:202582.3/11

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 974.753 $\pm$ 0.242 χ^2 /NDF:196374.9/9

Left: 981.366 $\pm$ 0.168 χ^2 /NDF: 400394.7/21

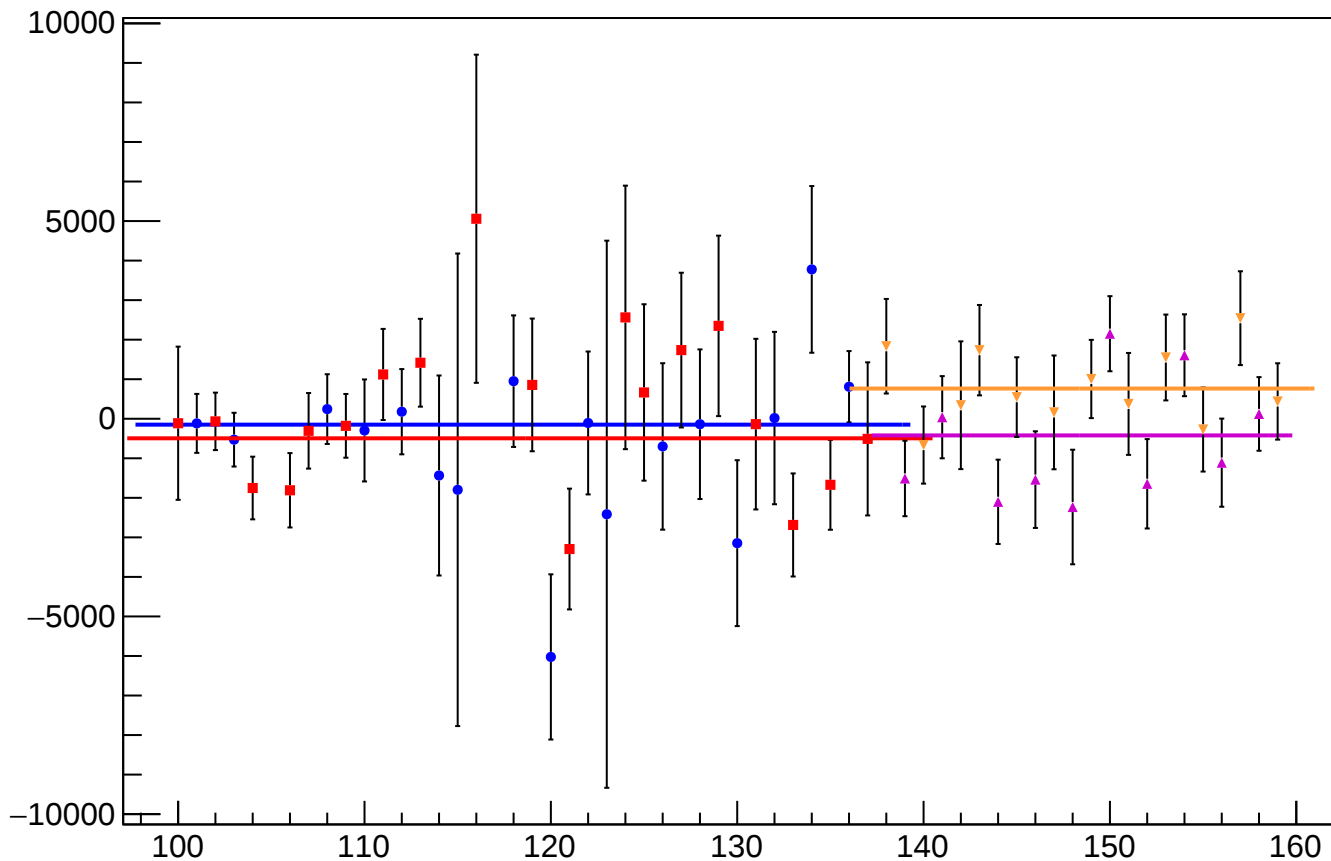
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 871.517 $\pm$ 0.166 χ^2 /NDF:2147072.2/26

Out: 837.220 $\pm$ 0.154 χ^2 /NDF:2561392.0/30

All: 853.099 $\pm$ 0.113 χ^2 /NDF: 4731451.2/57

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 764.206 ± 324.396 $\chi^2/\text{NDF}: 7.9/11$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -421.413 ± 336.479 $\chi^2/\text{NDF}: 19.4/9$

Left: 193.067 ± 233.538 $\chi^2/\text{NDF}: 33.8/21$

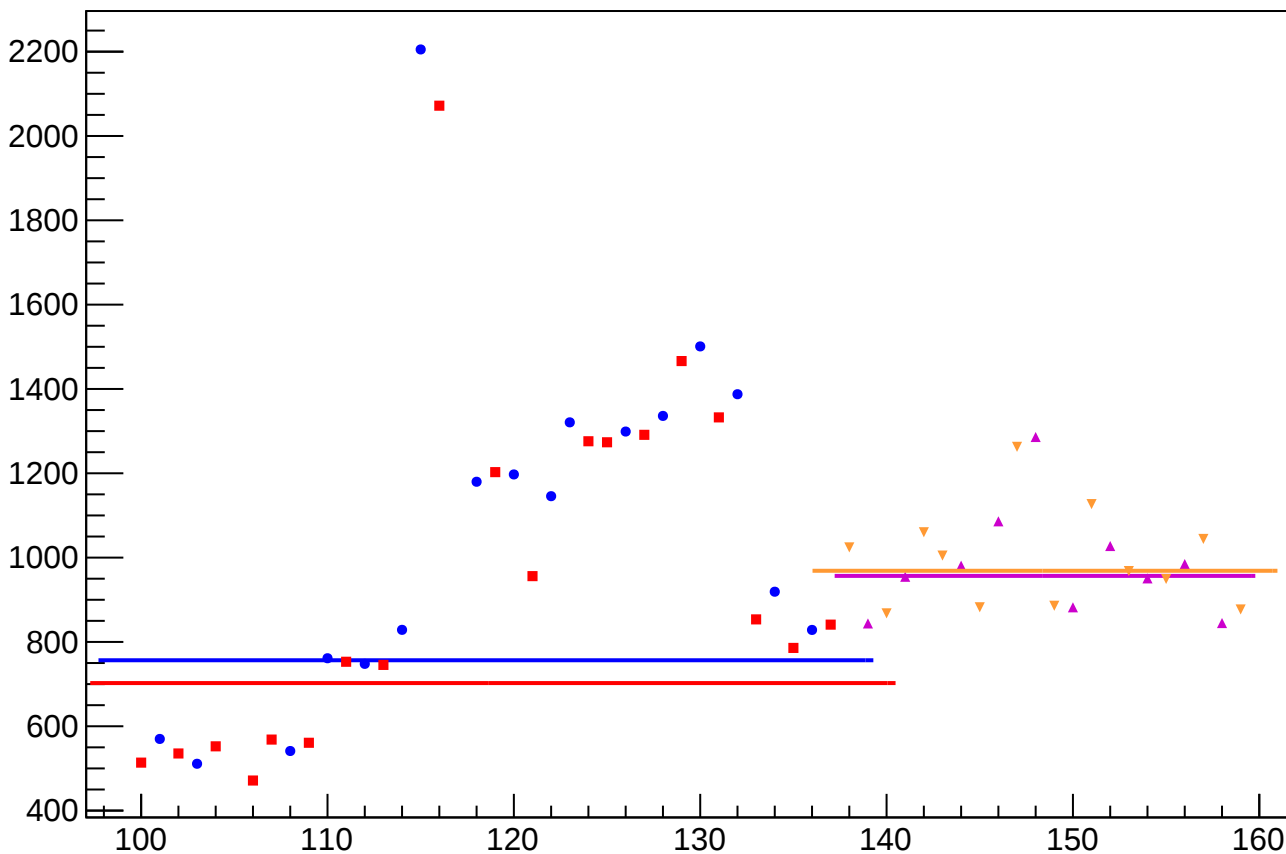
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -275.443 ± 229.161 $\chi^2/\text{NDF}: 35.9/26$

Out: 48.653 ± 213.135 $\chi^2/\text{NDF}: 40.2/30$

All: -101.667 ± 156.068 $\chi^2/\text{NDF}: 77.2/57$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2/NDF : 1713642.0/16

Left Out: 968.783 $\pm$ 0.229 χ^2/NDF : 203299.7/11

Right Out: 702.444 $\pm$ 0.200 χ^2/NDF : 1689393.5/18

Left In: 956.662 $\pm$ 0.238 χ^2/NDF : 205136.1/9

Left: 962.944 $\pm$ 0.165 χ^2/NDF : 409781.0/21

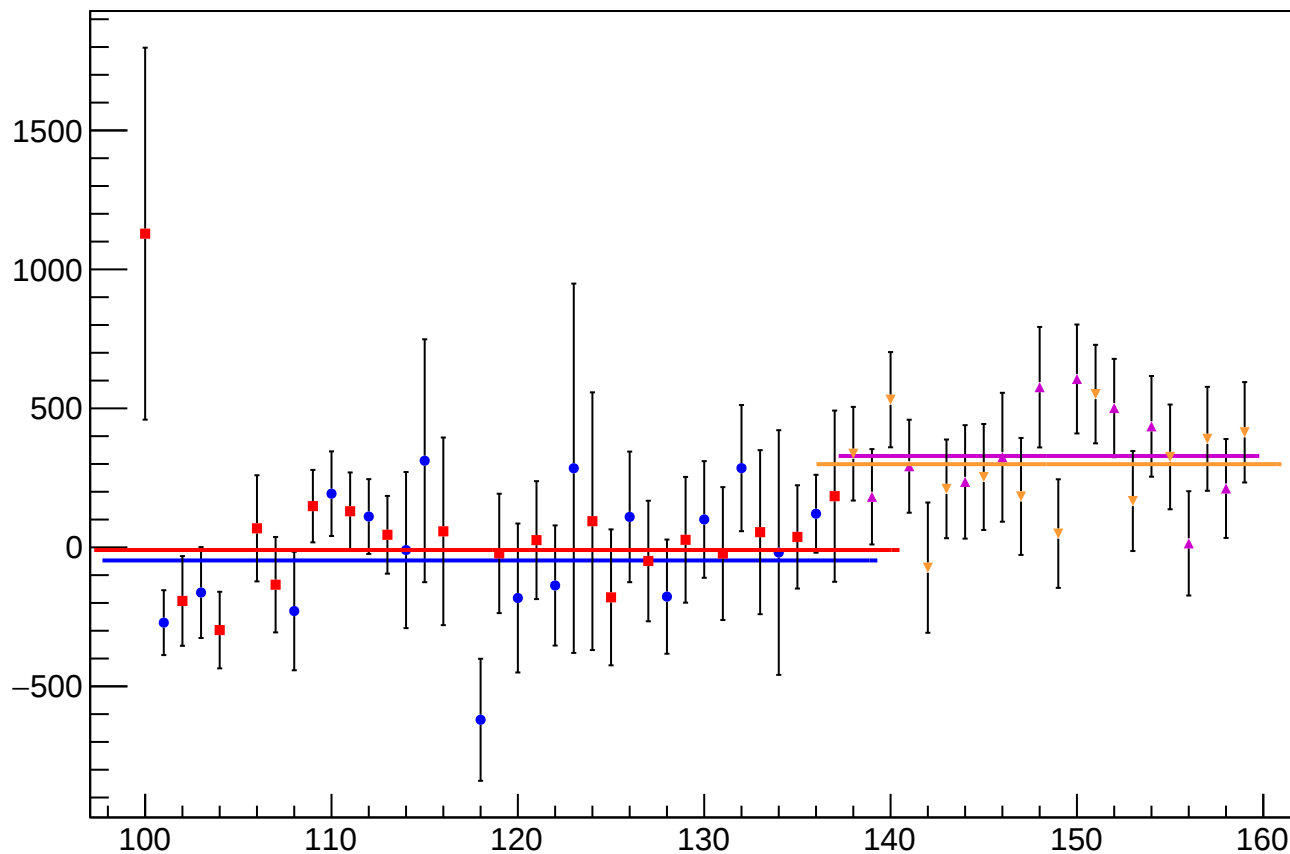
Right: 726.752 $\pm$ 0.148 χ^2/NDF : 3435937.4/35

In: 849.363 $\pm$ 0.162 χ^2/NDF : 2298095.4/26

Out: 817.417 $\pm$ 0.151 χ^2/NDF : 2658895.3/30

All: 832.234 $\pm$ 0.110 χ^2/NDF : 4977831.5/57

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 299.222 ± 53.781 $\chi^2/\text{NDF}: 9.9/11$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 328.707 ± 59.534 $\chi^2/\text{NDF}: 8.8/9$

Left: 312.471 ± 39.908 $\chi^2/\text{NDF}: 18.9/21$

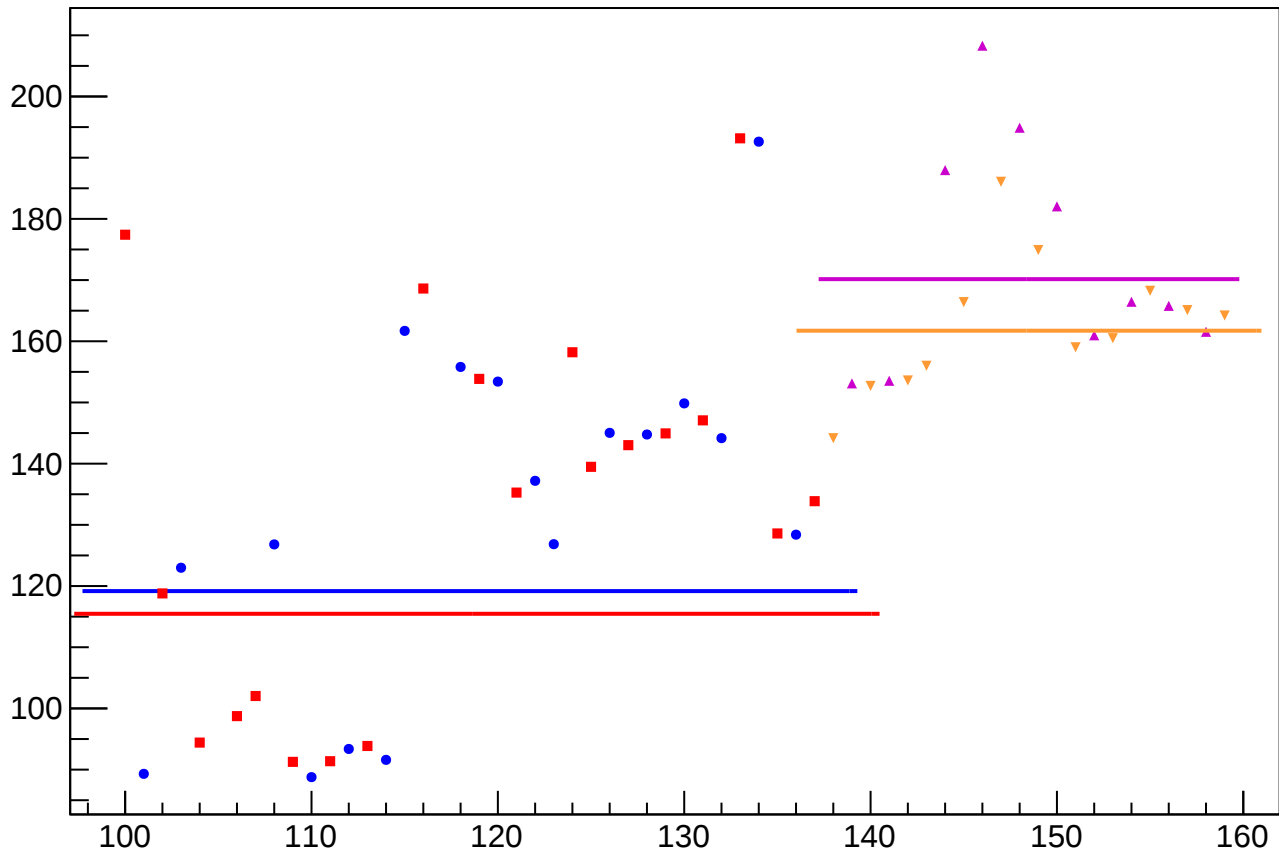
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 98.171 ± 37.019 $\chi^2/\text{NDF}: 55.2/26$

Out: 116.793 ± 34.398 $\chi^2/\text{NDF}: 42.4/30$

All: 108.165 ± 25.199 $\chi^2/\text{NDF}: 97.7/57$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 161.727 $\pm$ 0.038 χ^2 /NDF: 72816.5/11

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 170.153 $\pm$ 0.042 χ^2 /NDF: 154239.7/9

Left: 165.513 $\pm$ 0.028 χ^2 /NDF: 249116.7/21

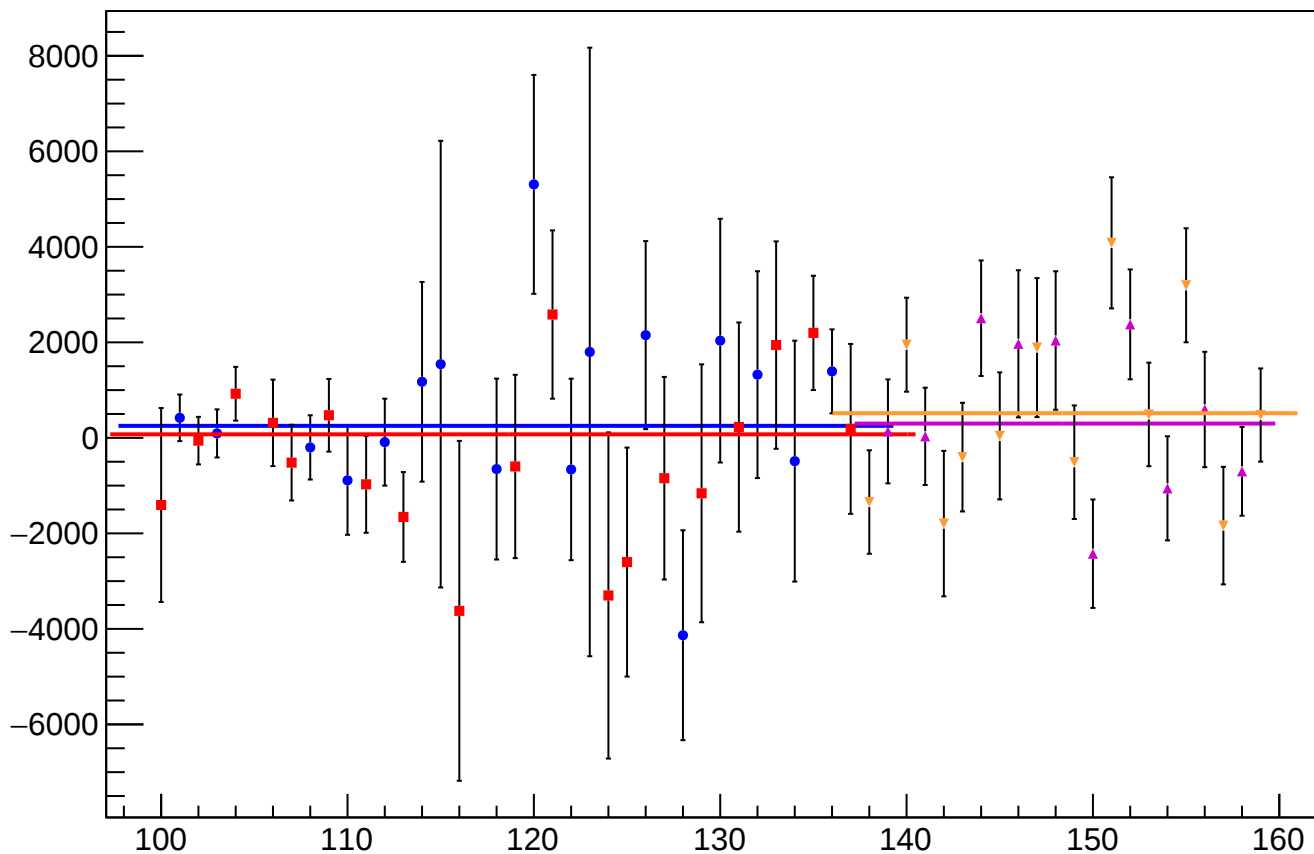
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 138.886 $\pm$ 0.026 χ^2 /NDF: 1668964.7/26

Out: 134.391 $\pm$ 0.024 χ^2 /NDF: 1640021.2/30

All: 136.474 $\pm$ 0.018 χ^2 /NDF: 3324807.7/57

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 516.549 $\pm$ 340.518 χ^2 /NDF:25.2/11

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 299.541 $\pm$ 362.698 χ^2 /NDF:17.8/9

Left: 414.883 $\pm$ 248.254 χ^2 /NDF: 43.2/21

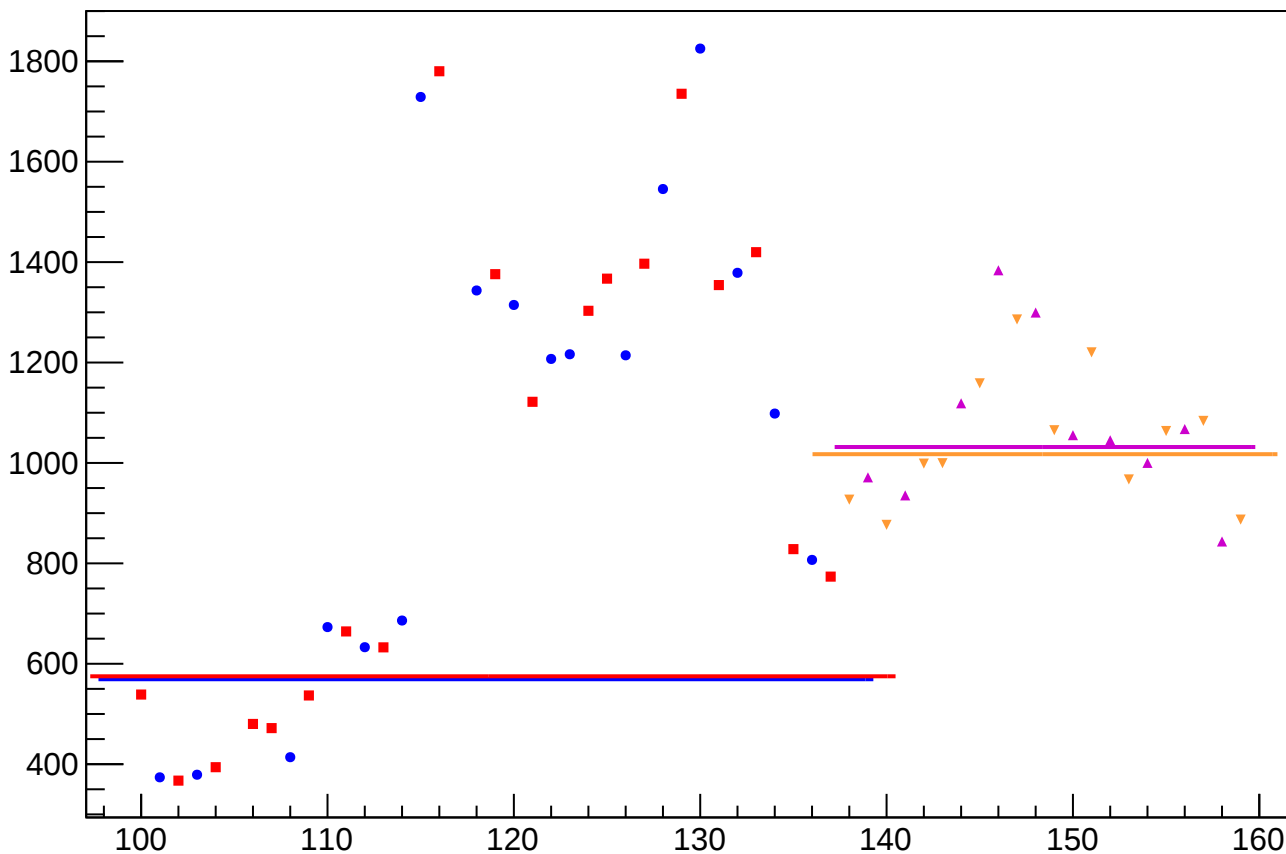
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 267.366 $\pm$ 207.405 χ^2 /NDF:32.7/26

Out: 224.195 $\pm$ 198.320 χ^2 /NDF:44.3/30

All: 244.815 $\pm$ 143.338 χ^2 /NDF: 77.1/57

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1017.444 $\pm$ 0.241 χ^2 /NDF: 241762.5/11

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1031.732 $\pm$ 0.256 χ^2 /NDF: 293540.1/9

Left: 1024.138 $\pm$ 0.176 χ^2 /NDF: 536952.3/21

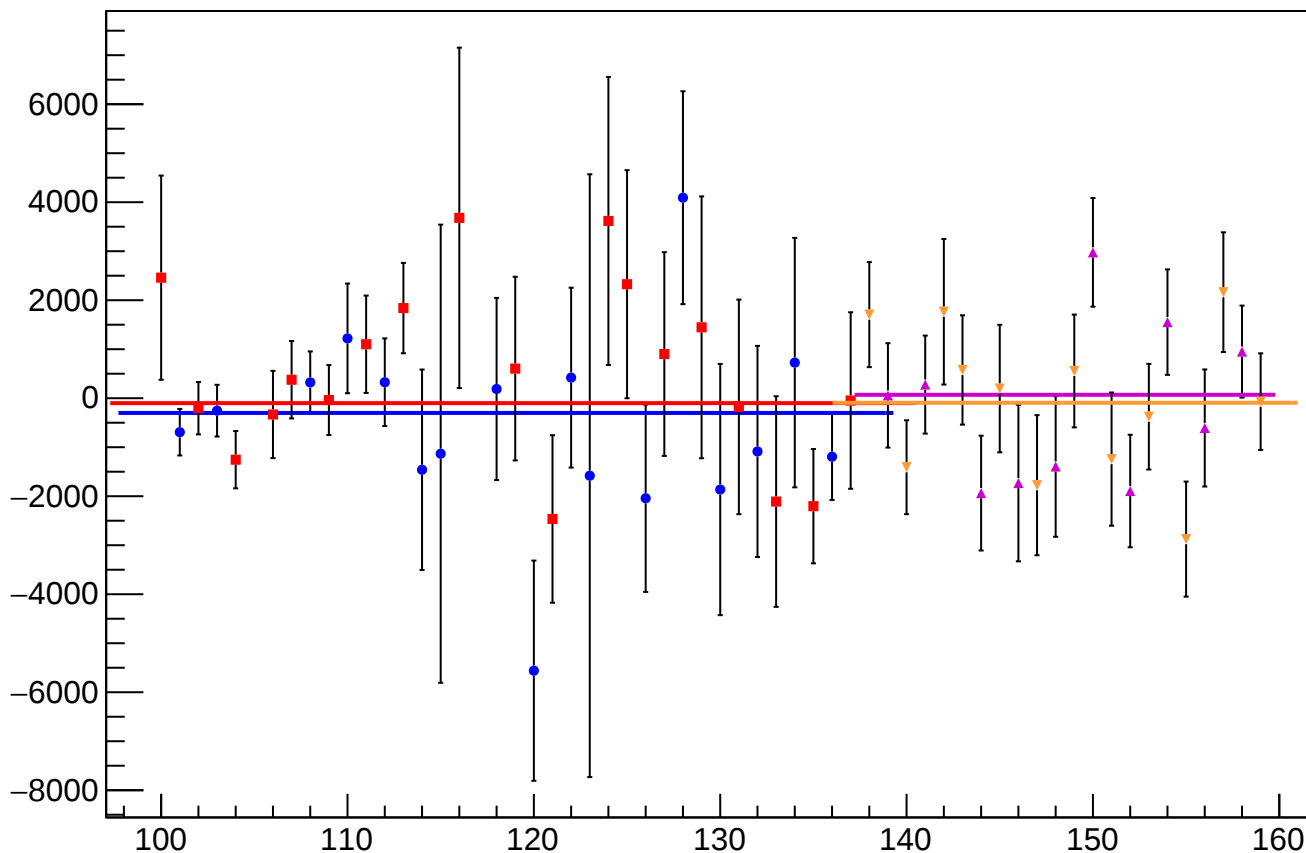
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 720.447 $\pm$ 0.147 χ^2 /NDF: 5749558.4/26

Out: 725.111 $\pm$ 0.140 χ^2 /NDF: 5531366.0/30

All: 722.883 $\pm$ 0.101 χ^2 /NDF: 11281452.6/57

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -92.635 ± 335.622 χ^2/NDF : 18.2/11

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 70.185 ± 358.959 χ^2/NDF : 18.2/9

Left: -16.689 ± 245.156 χ^2/NDF : 36.5/21

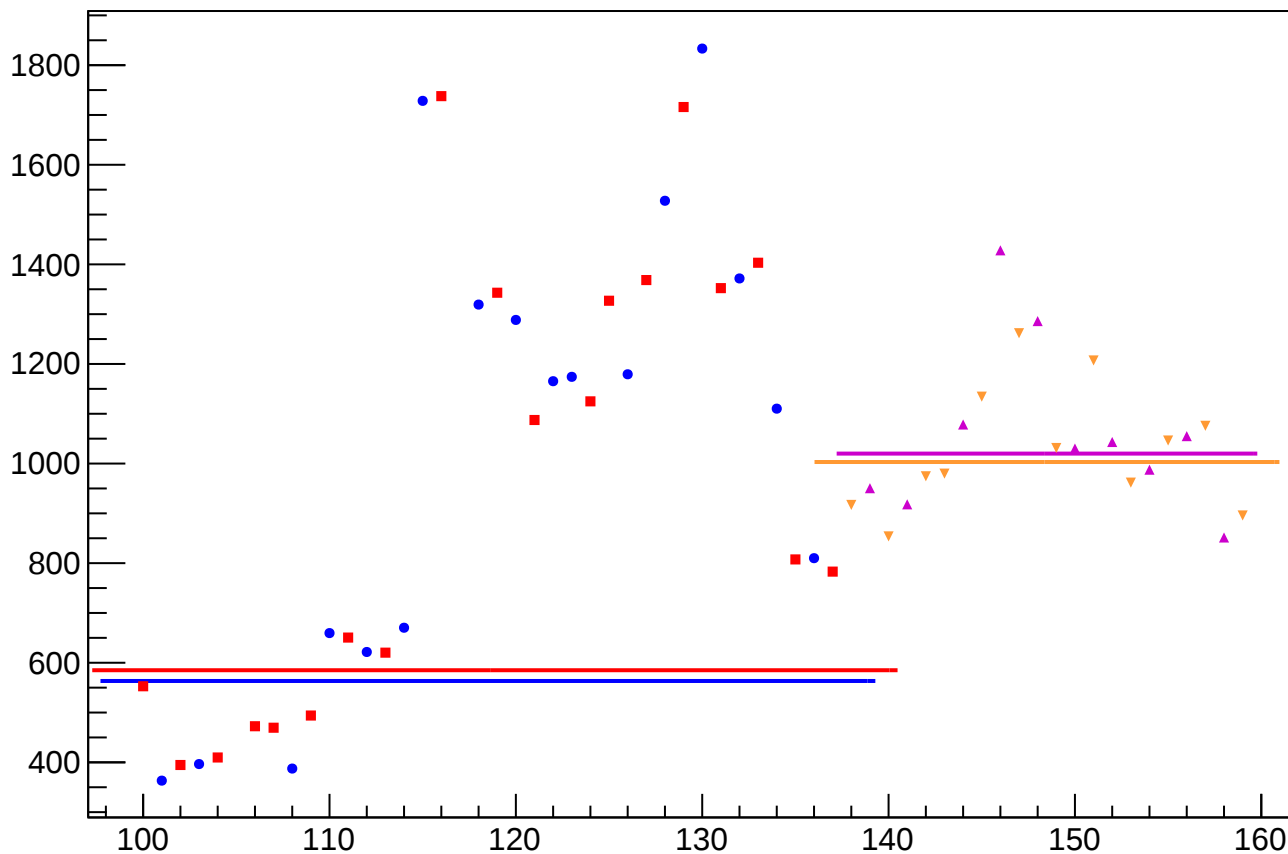
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -179.331 ± 205.316 χ^2/NDF : 35.6/26

Out: -97.392 ± 198.390 χ^2/NDF : 40.6/30

All: -136.956 ± 142.668 χ^2/NDF : 76.3/57

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1003.124 $\pm$ 0.237 χ^2 /NDF: 231635.0/11

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1020.010 $\pm$ 0.254 χ^2 /NDF: 302623.7/9

Left: 1011.001 $\pm$ 0.173 χ^2 /NDF: 536620.2/21

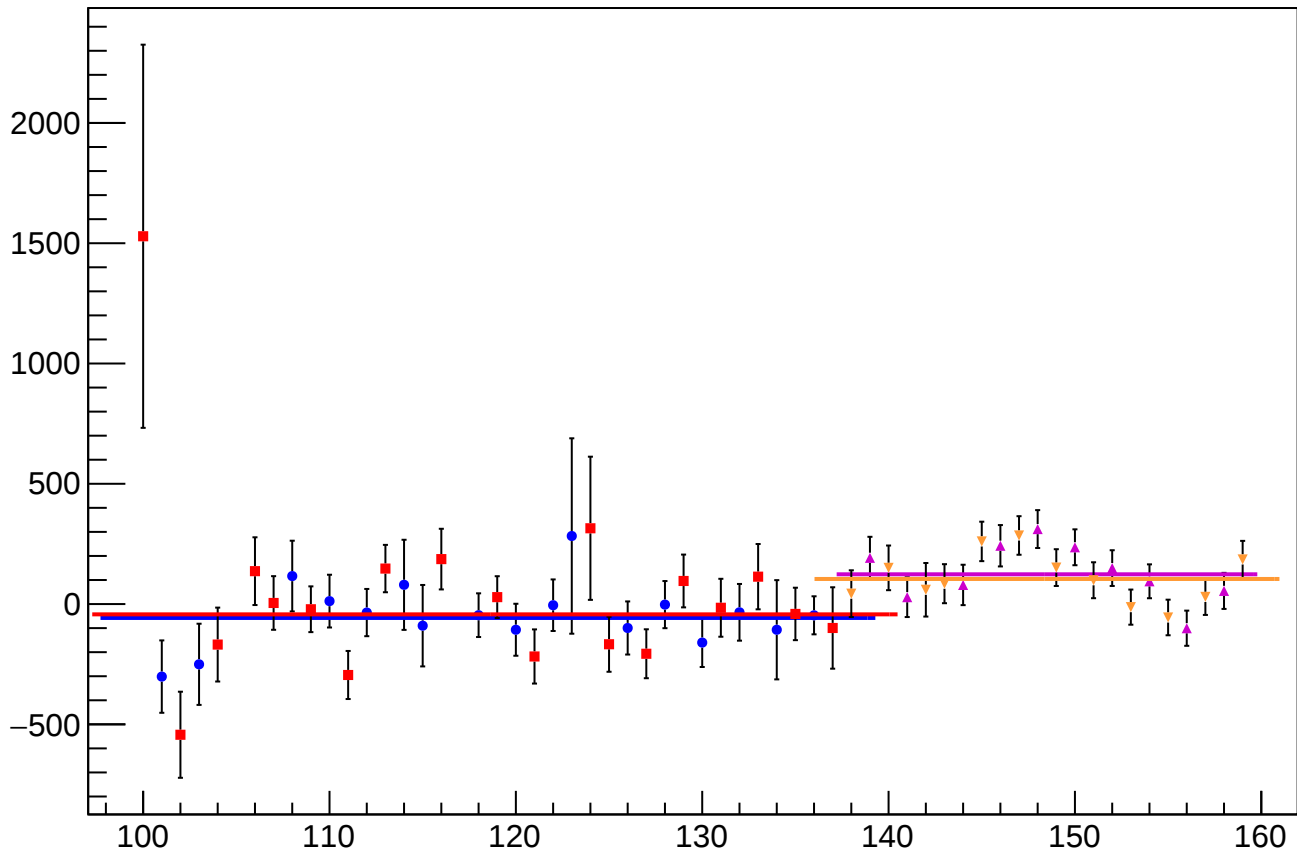
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 712.778 $\pm$ 0.145 χ^2 /NDF: 5739177.6/26

Out: 731.087 $\pm$ 0.140 χ^2 /NDF: 5069930.1/30

All: 722.246 $\pm$ 0.101 χ^2 /NDF: 10817332.0/57

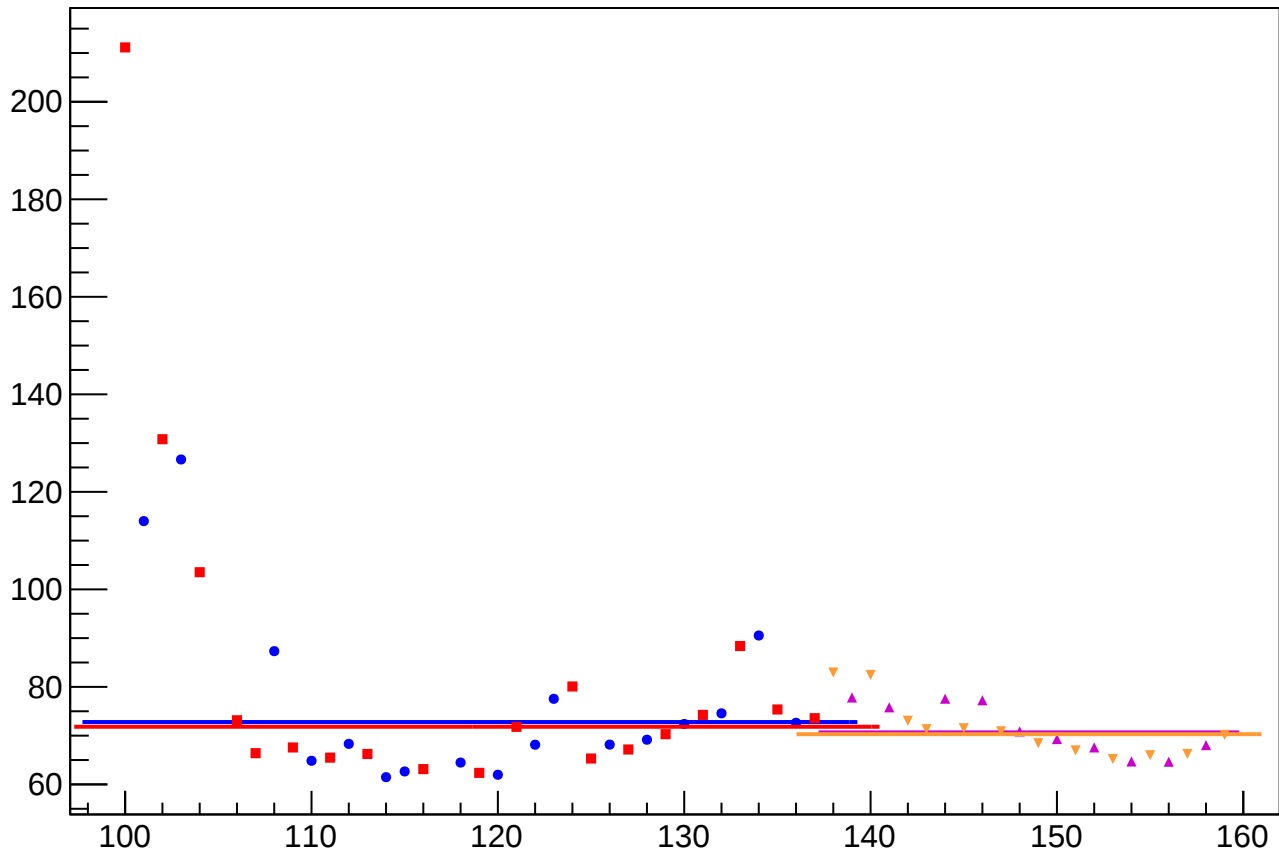
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 104.326 ± 23.406 $\chi^2/\text{NDF}: 19.3/11$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 123.724 ± 24.665 $\chi^2/\text{NDF}: 22.6/9$

Left: 113.517 ± 16.978 $\chi^2/\text{NDF}: 42.3/21$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 46.627 ± 18.704 $\chi^2/\text{NDF}: 54.8/26$
 Out: 43.029 ± 17.877 $\chi^2/\text{NDF}: 74.8/30$
 All: 44.746 ± 12.923 $\chi^2/\text{NDF}: 129.6/57$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.298 ± 0.017 χ^2/NDF : 97777.0/11

Right Out: 71.824 ± 0.020 χ^2/NDF : 465654.1/18

Left In: 70.668 ± 0.017 χ^2/NDF : 80875.4/9

Left: 70.473 ± 0.012 χ^2/NDF : 178889.2/21

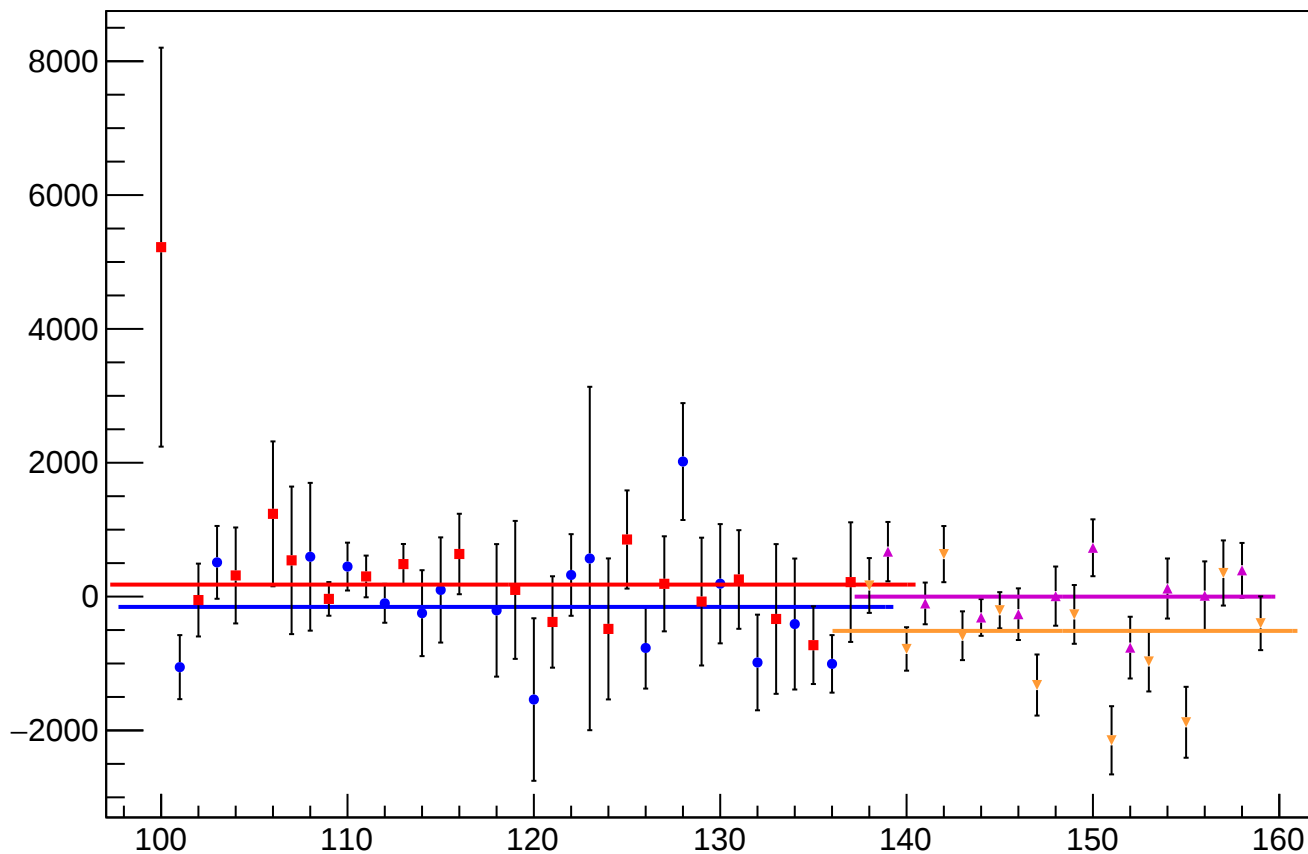
Right: 72.290 ± 0.014 χ^2/NDF : 931600.5/35

In: 71.570 ± 0.013 χ^2/NDF : 551937.8/26

Out: 70.934 ± 0.013 χ^2/NDF : 566972.7/30

All: 71.237 ± 0.009 χ^2/NDF : 1120118.4/57

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -512.793 ± 115.386 χ^2/NDF : 36.9/11

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: -0.905 ± 123.586 χ^2/NDF : 10.8/9

Left: -274.394 ± 84.340 χ^2/NDF : 56.9/21

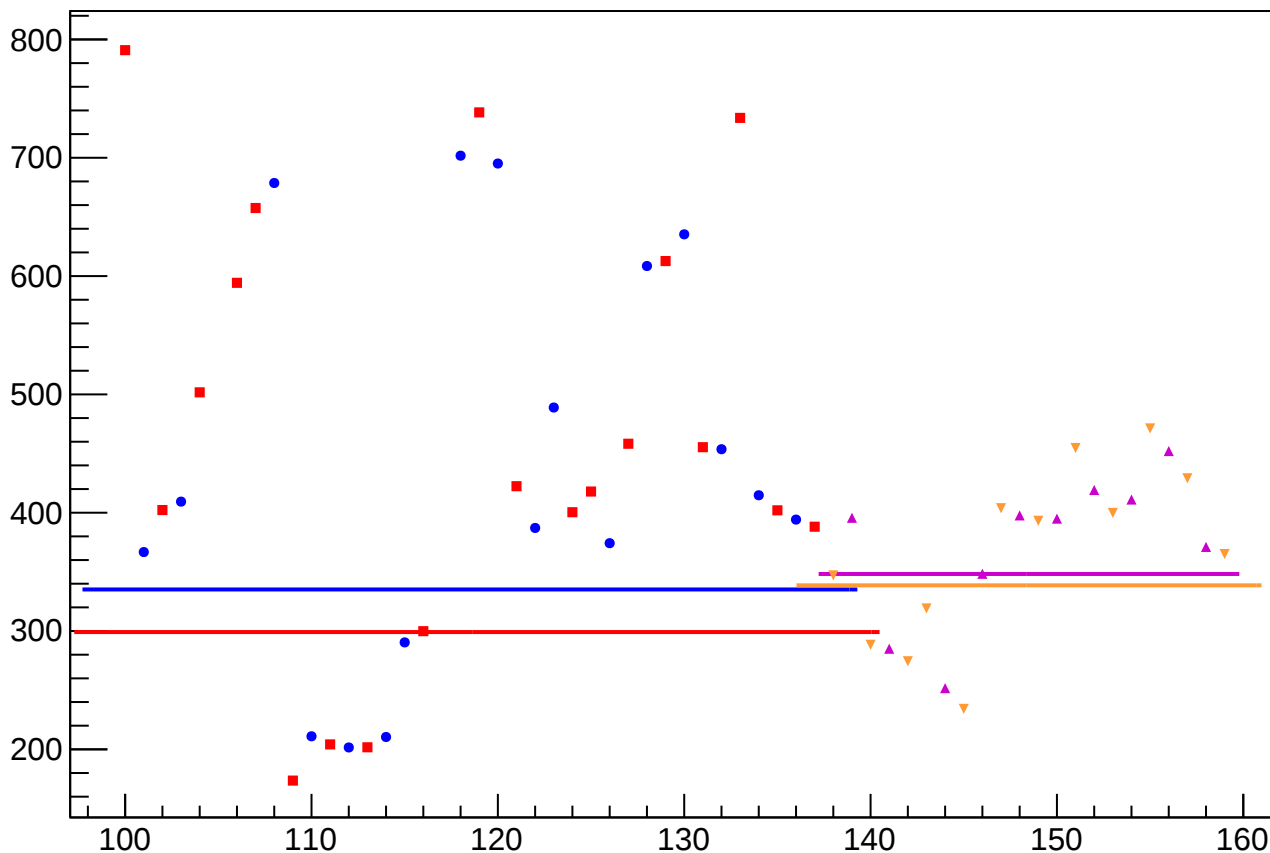
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -67.756 ± 92.853 χ^2/NDF : 34.7/26

Out: -197.519 ± 85.129 χ^2/NDF : 64.6/30

All: -138.259 ± 62.748 χ^2/NDF : 100.3/57

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.635+/-0.082 χ^2/NDF : 814883.8/11

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 348.237+/-0.087 χ^2/NDF : 576754.4/9

Left: 343.107+/-0.060 χ^2/NDF : 1398088.5/21

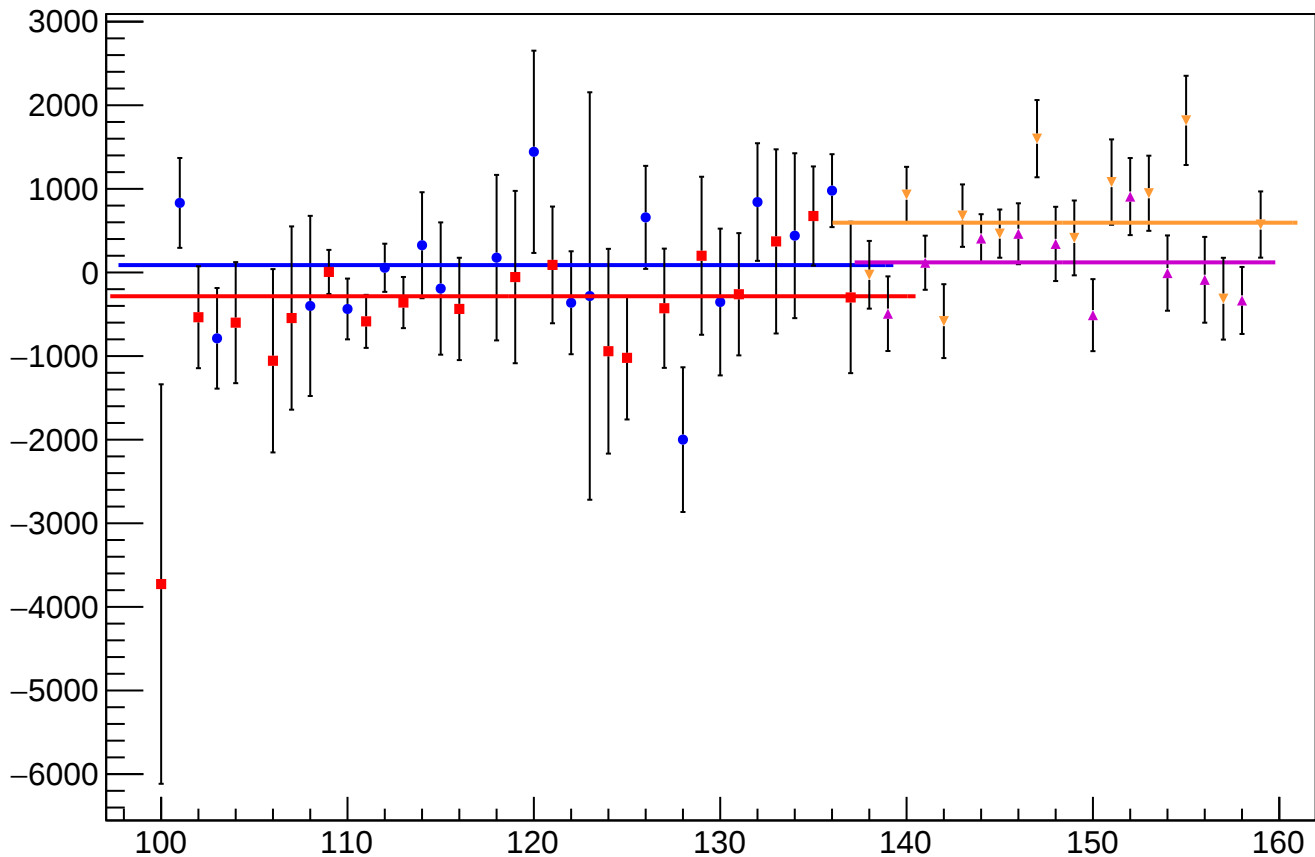
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 342.530+/-0.066 χ^2/NDF : 2580589.8/26

Out: 320.635+/-0.060 χ^2/NDF : 3752775.6/30

All: 330.634+/-0.044 χ^2/NDF : 6393787.3/57

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 595.325 $\pm$ 117.864 χ^2/NDF : 25.9/11

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 120.686 $\pm$ 124.947 χ^2/NDF : 10.6/9

Left: 371.840 $\pm$ 85.737 χ^2/NDF : 44.1/21

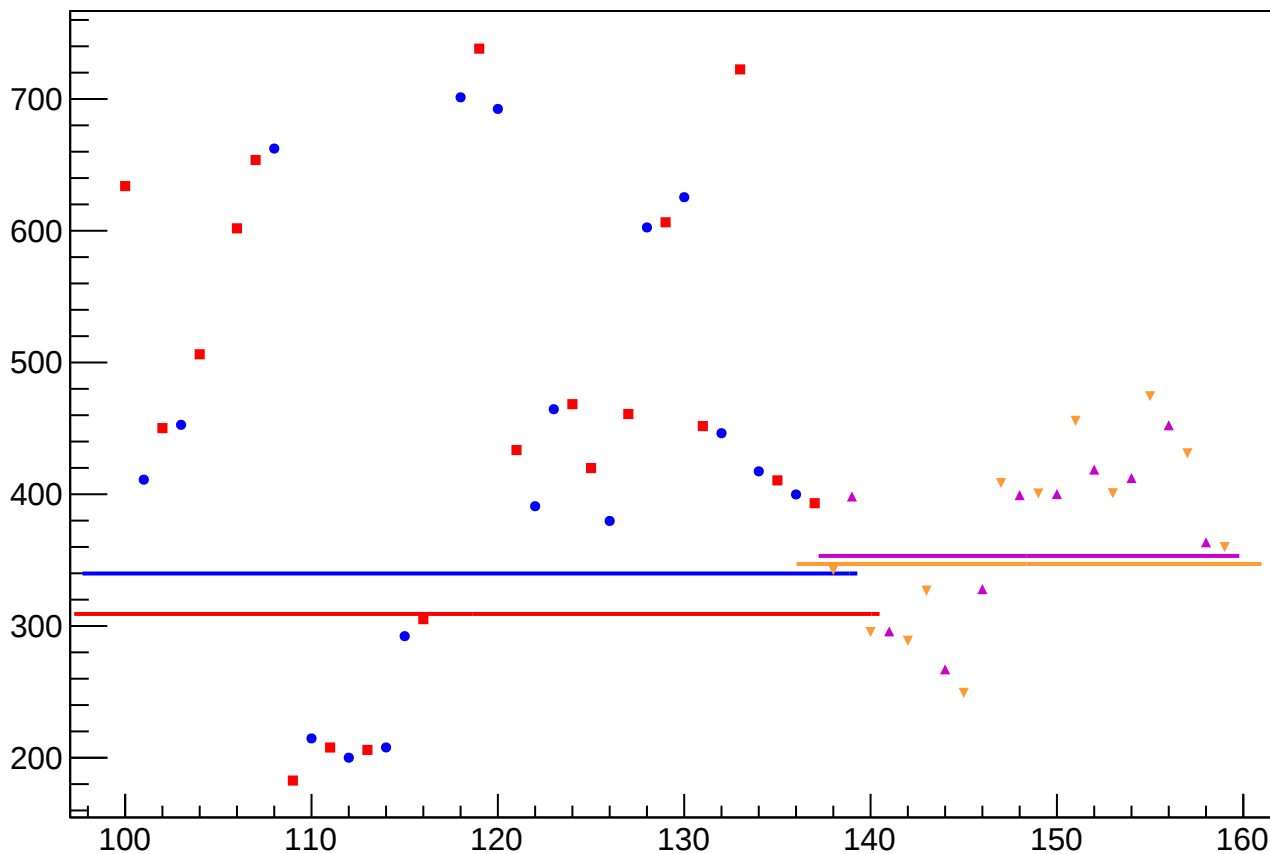
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 106.587 $\pm$ 94.095 χ^2/NDF : 31.4/26

Out: 197.291 $\pm$ 87.220 χ^2/NDF : 61.2/30

All: 155.374 $\pm$ 63.966 χ^2/NDF : 93.1/57

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 347.104 +/- 0.083 χ^2/NDF : 677466.3/11

Right Out: 309.158 +/- 0.092 χ^2/NDF : 2735887.4/18

Left In: 353.189 +/- 0.088 χ^2/NDF : 464438.8/9

Left: 349.969 +/- 0.061 χ^2/NDF : 1144415.4/21

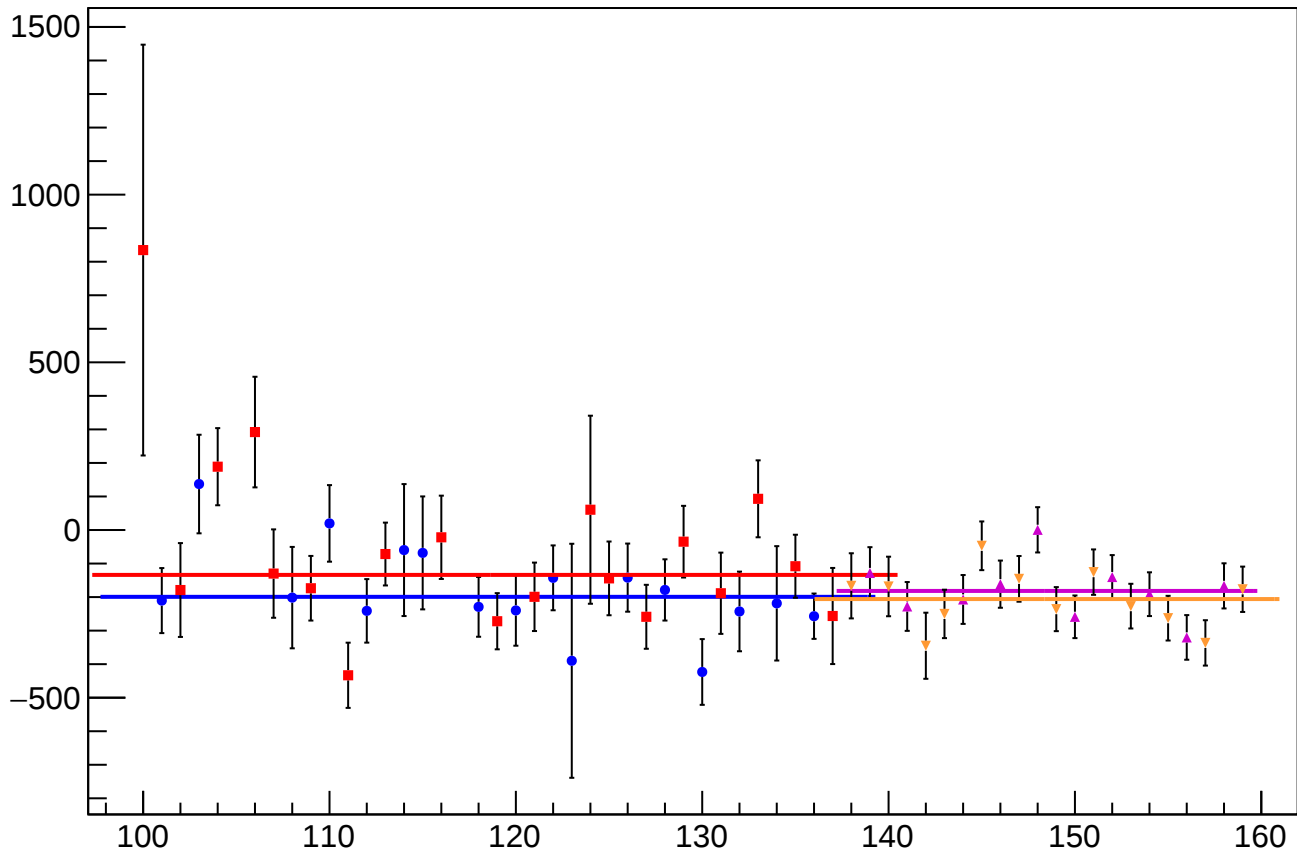
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 347.415 +/- 0.067 χ^2/NDF : 2517829.0/26

Out: 329.937 +/- 0.062 χ^2/NDF : 3507133.2/30

All: 338.014 +/- 0.045 χ^2/NDF : 6062075.3/57

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -205.883 $\pm$ 20.984 χ^2/NDF : 14.7/11

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -181.669 $\pm$ 21.662 χ^2/NDF : 14.7/9

Left: -194.161 $\pm$ 15.072 χ^2/NDF : 30.0/21

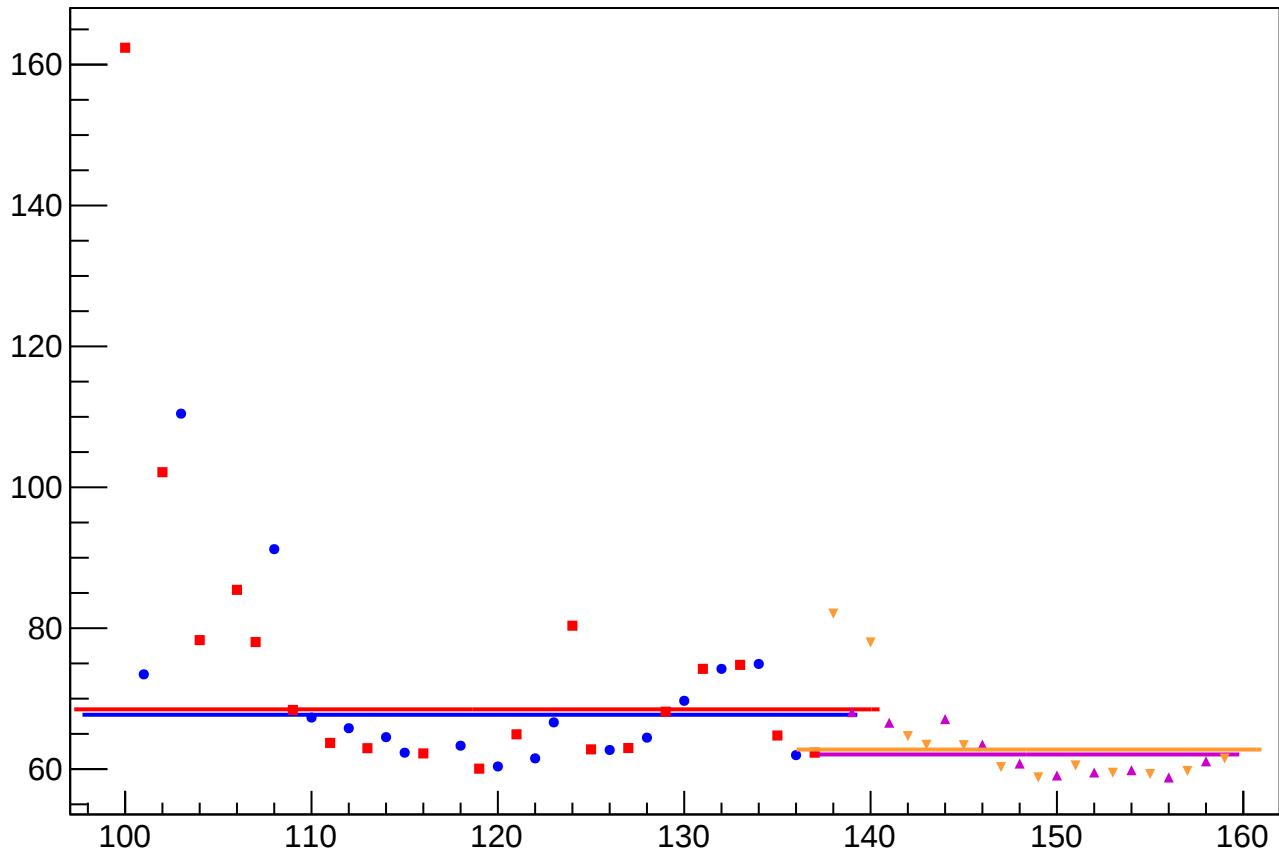
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -188.707 $\pm$ 16.775 χ^2/NDF : 32.5/26

Out: -177.768 $\pm$ 16.385 χ^2/NDF : 58.4/30

All: -183.109 $\pm$ 11.722 χ^2/NDF : 91.2/57

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 62.777 ± 0.015 $\chi^2/\text{NDF}: 165883.9/11$

Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$

Left In: 62.079 ± 0.015 $\chi^2/\text{NDF}: 45953.7/9$

Left: 62.439 ± 0.011 $\chi^2/\text{NDF}: 212908.1/21$

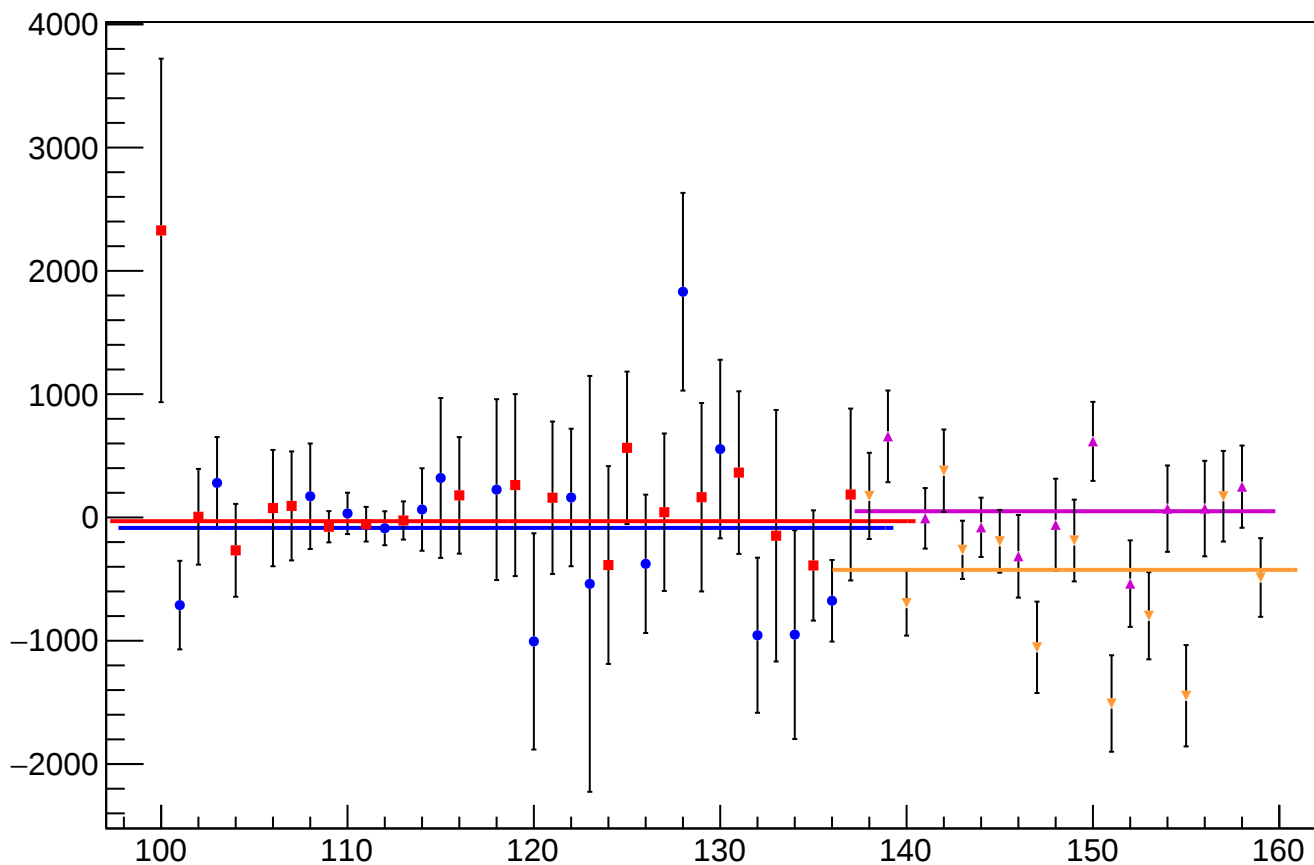
Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$

In: 64.335 ± 0.012 $\chi^2/\text{NDF}: 383040.9/26$

Out: 65.003 ± 0.012 $\chi^2/\text{NDF}: 504980.4/30$

All: 64.677 ± 0.008 $\chi^2/\text{NDF}: 889643.7/57$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -424.941 ± 91.679 χ^2/NDF : 32.1/11

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 50.362 ± 100.590 χ^2/NDF : 10.6/9

Left: -209.270 ± 67.759 χ^2/NDF : 54.9/21

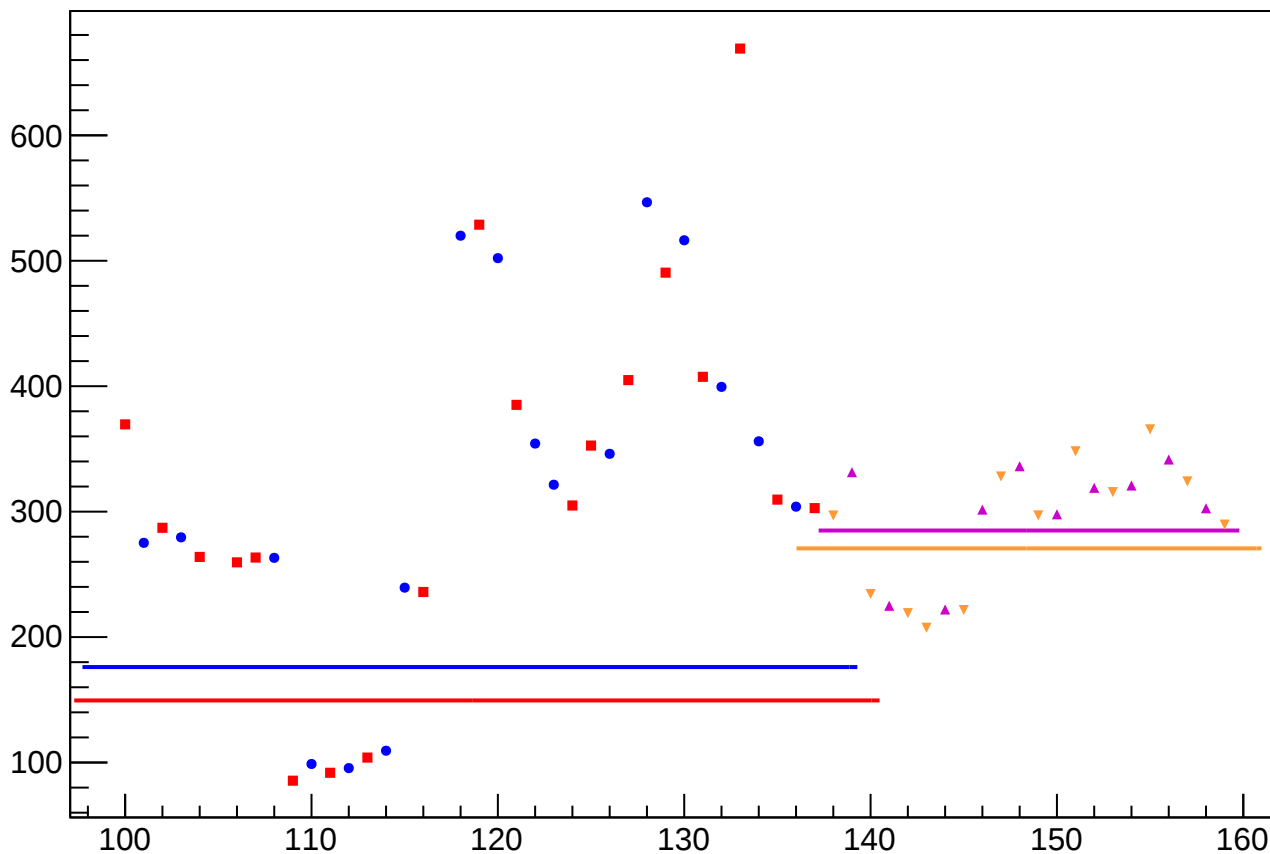
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -30.288 ± 63.867 χ^2/NDF : 31.6/26

Out: -174.701 ± 55.467 χ^2/NDF : 50.2/30

All: -112.610 ± 41.878 χ^2/NDF : 84.6/57

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.701+/-0.065 χ^2/NDF : 642105.6/11

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 284.947+/-0.071 χ^2/NDF : 421695.8/9

Left: 277.166+/-0.048 χ^2/NDF : 1085713.5/21

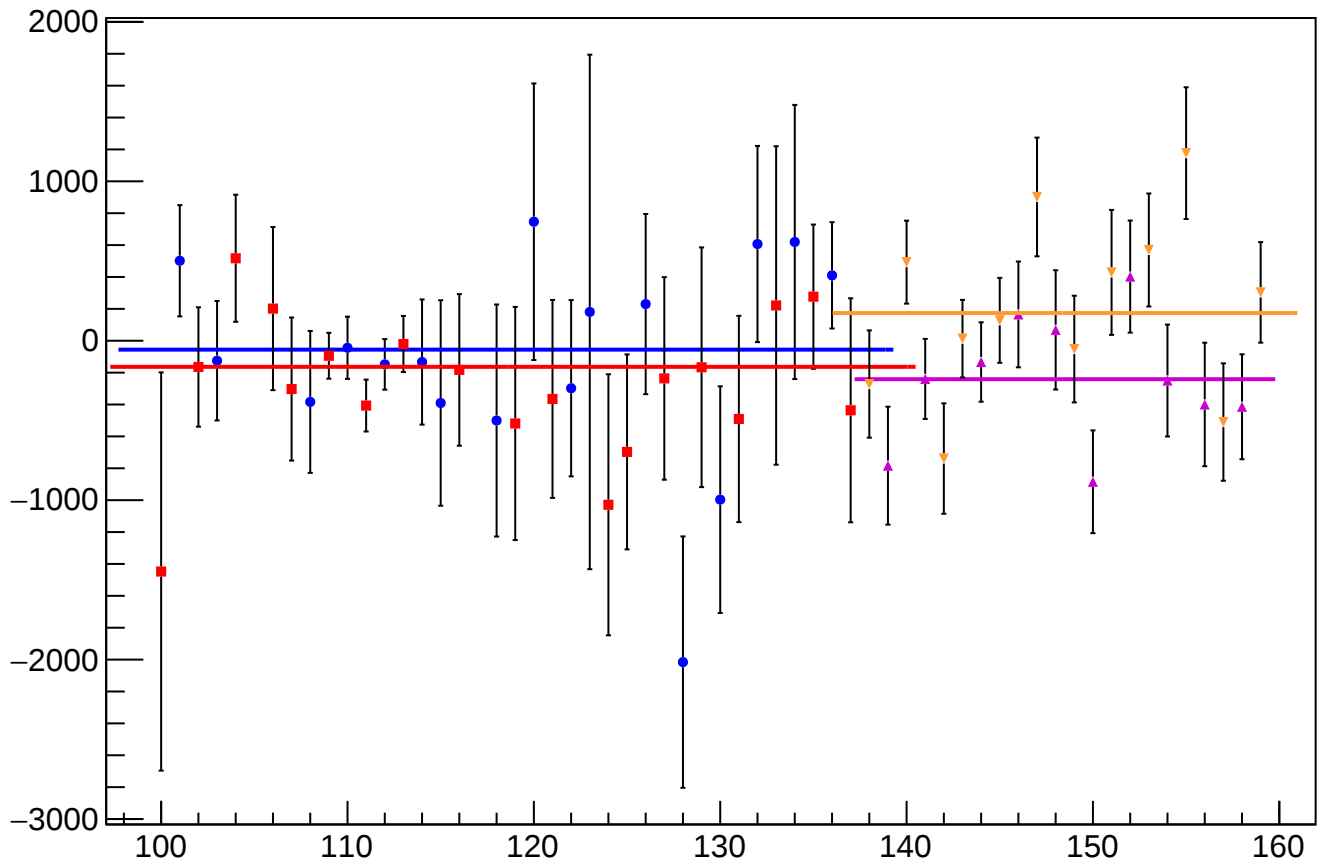
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 219.977+/-0.045 χ^2/NDF : 6043215.5/26

Out: 193.854+/-0.039 χ^2/NDF : 7679668.9/30

All: 205.086+/-0.030 χ^2/NDF : 13913624.9/57

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 173.737 ± 92.509 χ^2/NDF : 26.1/11

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -241.204 ± 101.397 χ^2/NDF : 12.3/9

Left: -14.755 ± 68.340 χ^2/NDF : 47.6/21

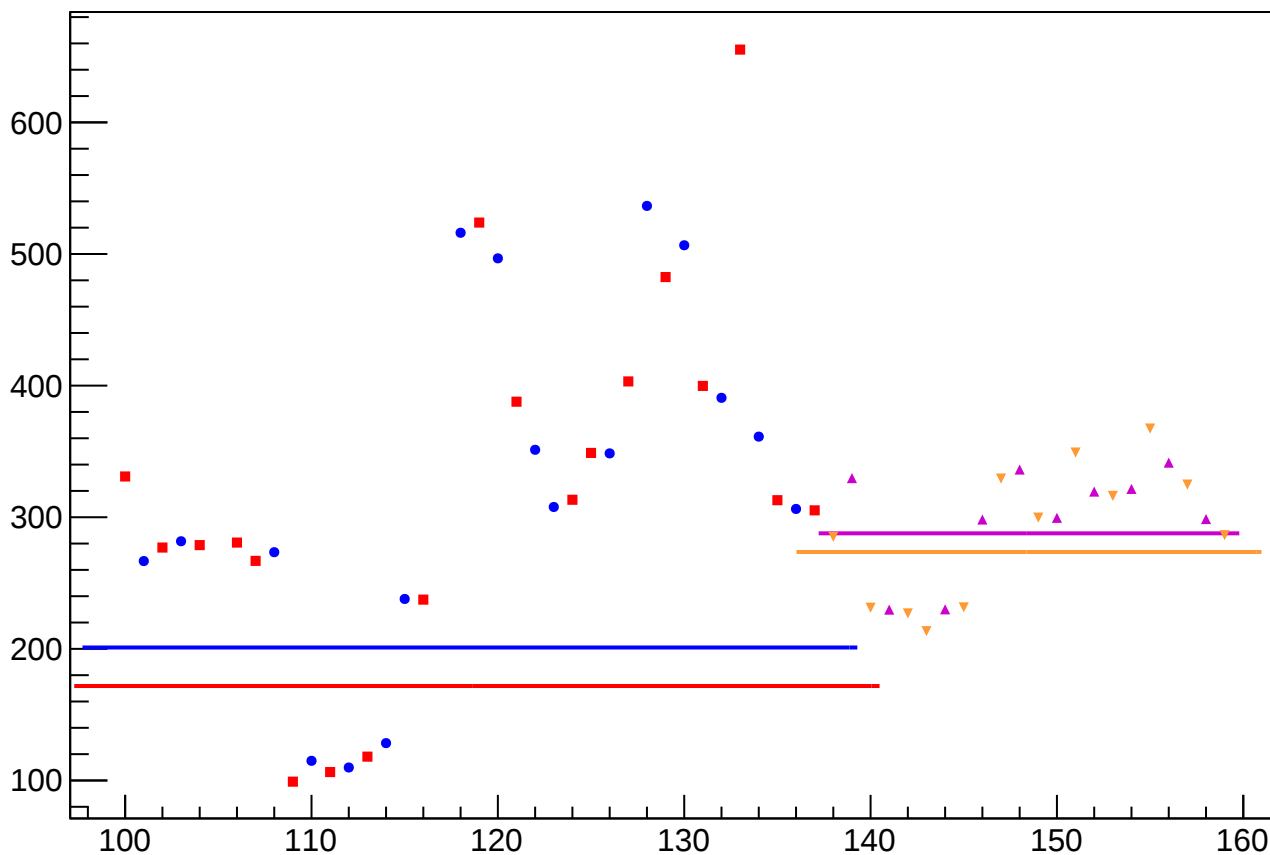
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -138.038 ± 67.548 χ^2/NDF : 31.3/26

Out: -25.676 ± 59.148 χ^2/NDF : 45.4/30

All: -74.440 ± 44.499 χ^2/NDF : 78.3/57

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 273.599+/-0.065 χ^2/NDF :569357.8/11

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 287.772+/-0.072 χ^2/NDF :353538.7/9

Left: 280.037+/-0.048 χ^2/NDF : 944220.1/21

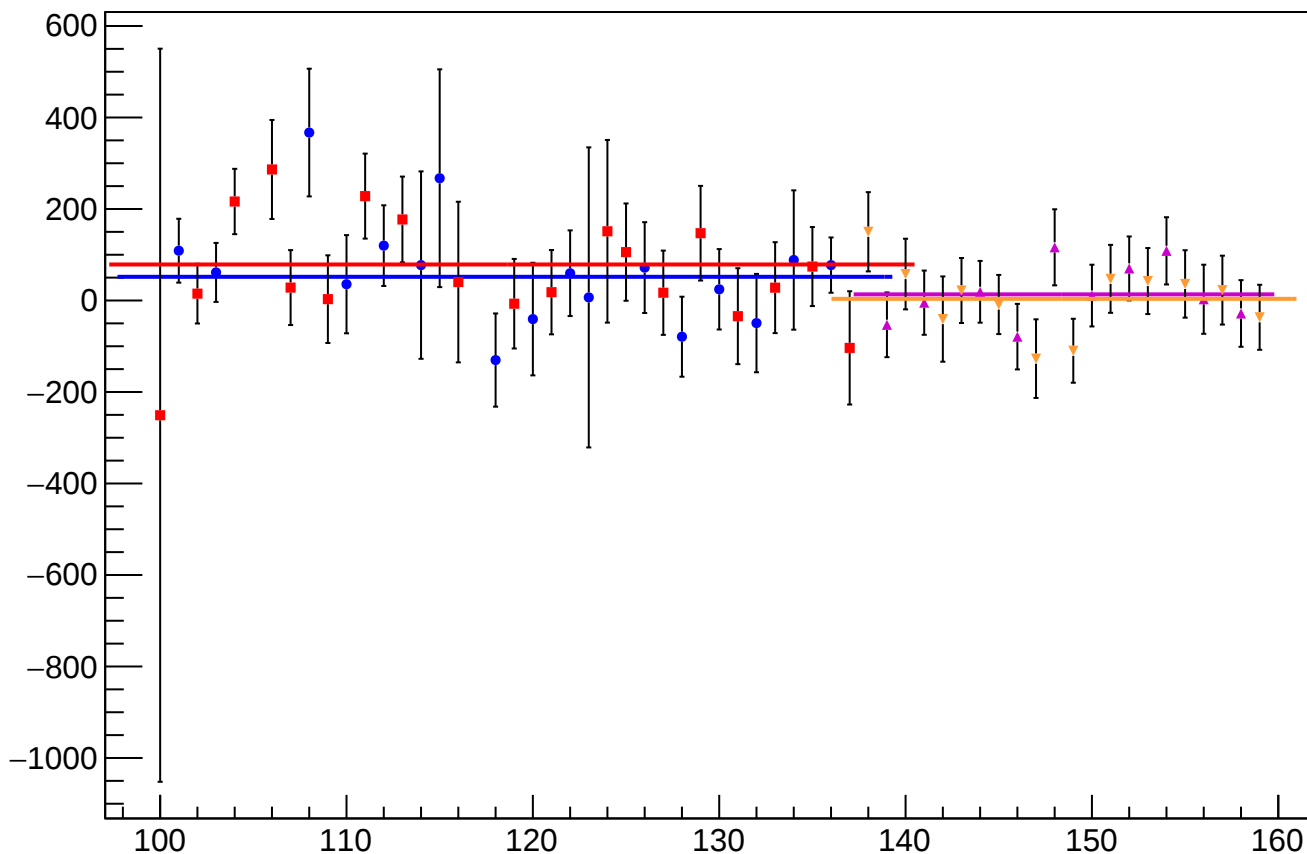
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 239.529+/-0.048 χ^2/NDF :4600542.2/26

Out: 213.395+/-0.042 χ^2/NDF :6100356.0/30

All: 224.737+/-0.031 χ^2/NDF : 10870348.0/57

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: 3.652 $\pm$ 21.693 χ^2 /NDF:9.8/11

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 13.423 $\pm$ 22.732 χ^2 /NDF:6.8/9

Left: 8.309 $\pm$ 15.694 χ^2 /NDF: 16.8/21

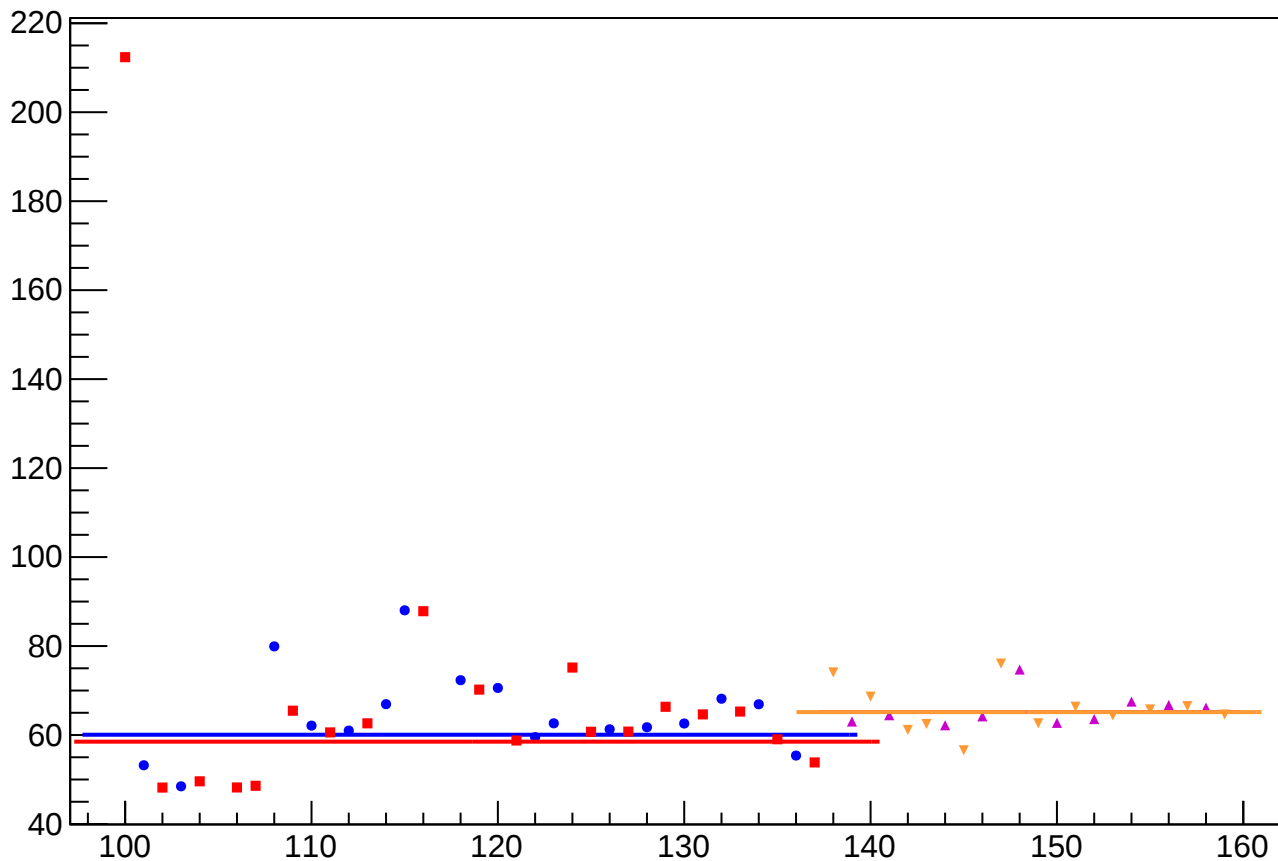
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 31.943 $\pm$ 16.351 χ^2 /NDF:22.7/26

Out: 39.845 $\pm$ 15.613 χ^2 /NDF:34.8/30

All: 36.076 $\pm$ 11.292 χ^2 /NDF: 57.6/57

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 65.153 ± 0.015 $\chi^2/\text{NDF}: 103481.8/11$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 65.173 ± 0.016 $\chi^2/\text{NDF}: 39549.1/9$

Left: 65.163 ± 0.011 $\chi^2/\text{NDF}: 143031.8/21$

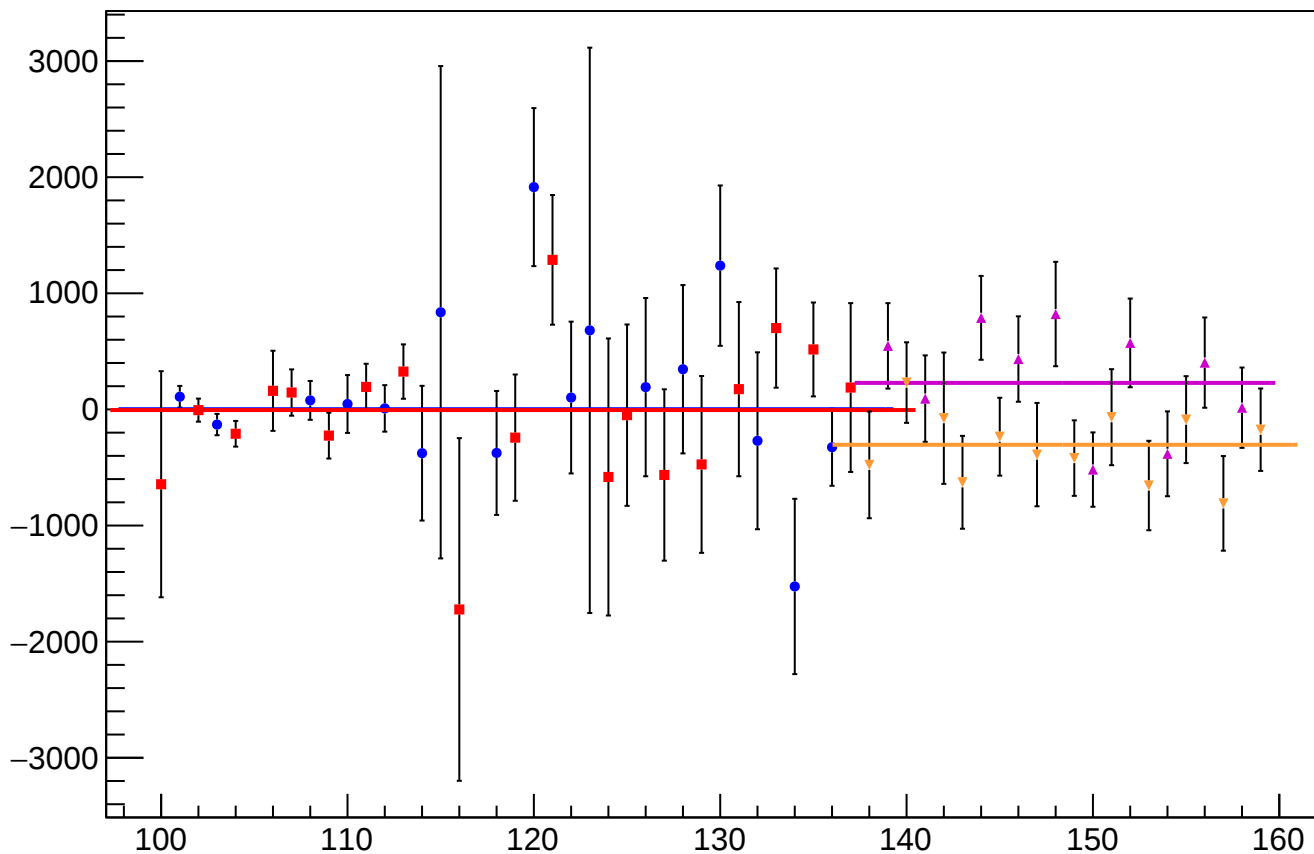
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 62.708 ± 0.012 $\chi^2/\text{NDF}: 317375.6/26$

Out: 61.951 ± 0.011 $\chi^2/\text{NDF}: 542749.7/30$

All: 62.312 ± 0.008 $\chi^2/\text{NDF}: 862370.7/57$

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -304.478 ± 112.148 χ^2/NDF : 6.7/11

Right Out: -5.402 ± 56.516 χ^2/NDF : 20.7/18

Left In: 228.513 ± 116.498 χ^2/NDF : 15.0/9

Left: -48.120 ± 80.795 χ^2/NDF : 32.5/21

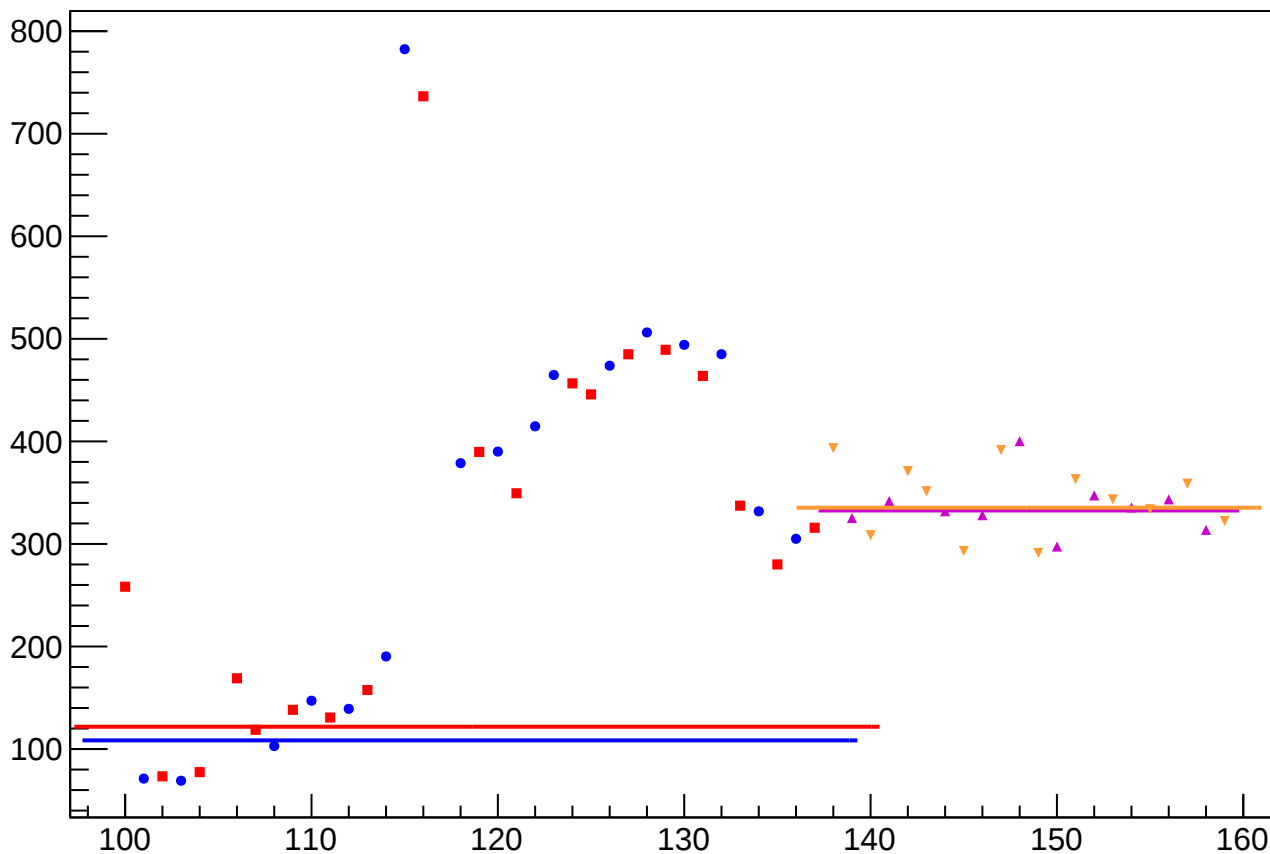
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 42.063 ± 49.205 χ^2/NDF : 39.5/26

Out: -65.972 ± 50.470 χ^2/NDF : 33.0/30

All: -10.584 ± 35.232 χ^2/NDF : 74.9/57

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 335.364 $\pm$ 0.079 χ^2 /NDF: 174638.2/11

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 332.650 $\pm$ 0.082 χ^2 /NDF: 82314.5/9

Left: 334.059 $\pm$ 0.057 χ^2 /NDF: 257516.0/21

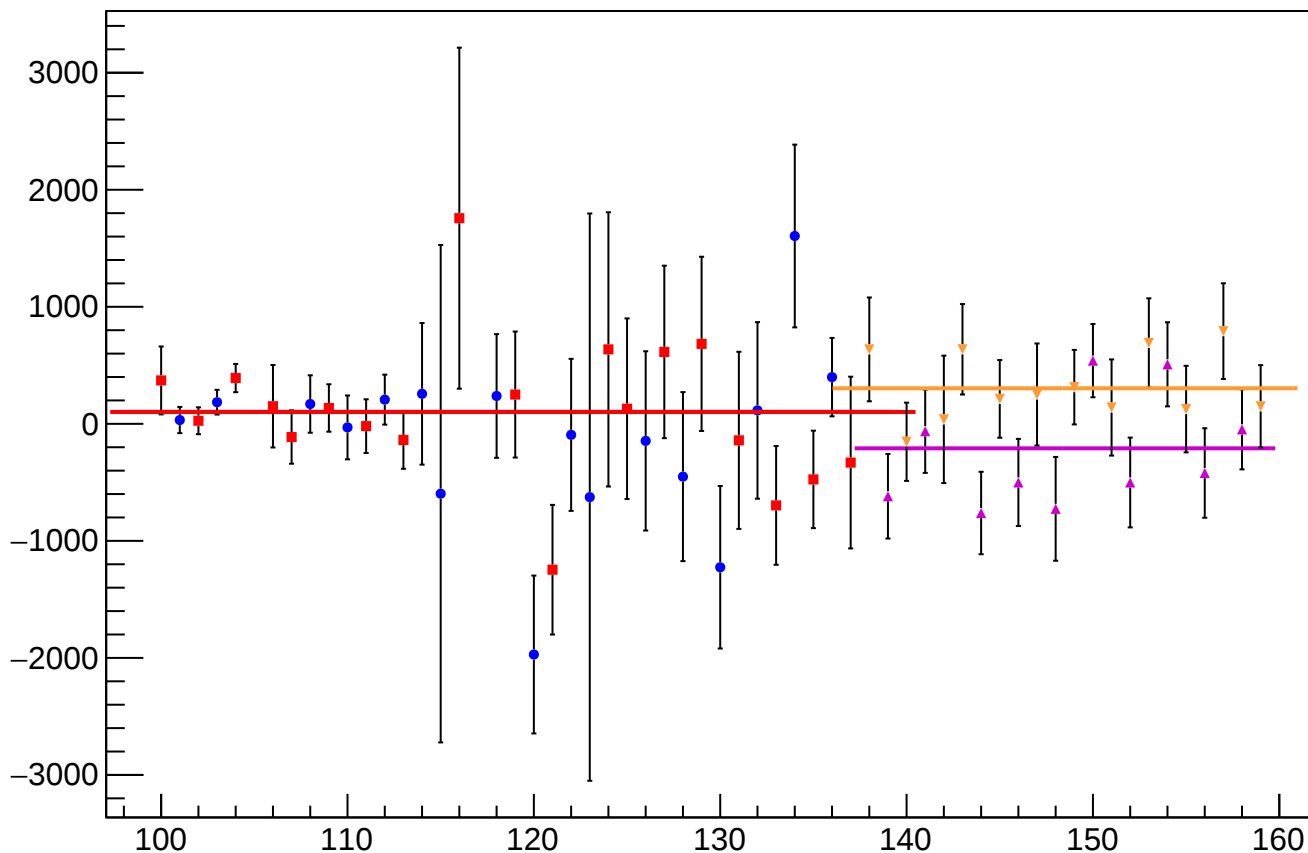
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 148.441 $\pm$ 0.035 χ^2 /NDF: 11572624.5/26

Out: 165.024 $\pm$ 0.036 χ^2 /NDF: 10731452.3/30

All: 156.522 $\pm$ 0.025 χ^2 /NDF: 22414775.6/57

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 303.670 $\pm$ 110.104 χ^2 /NDF:6.5/11

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -209.271 $\pm$ 114.663 χ^2 /NDF:16.7/9

Left: 57.599 $\pm$ 79.418 χ^2 /NDF: 33.7/21

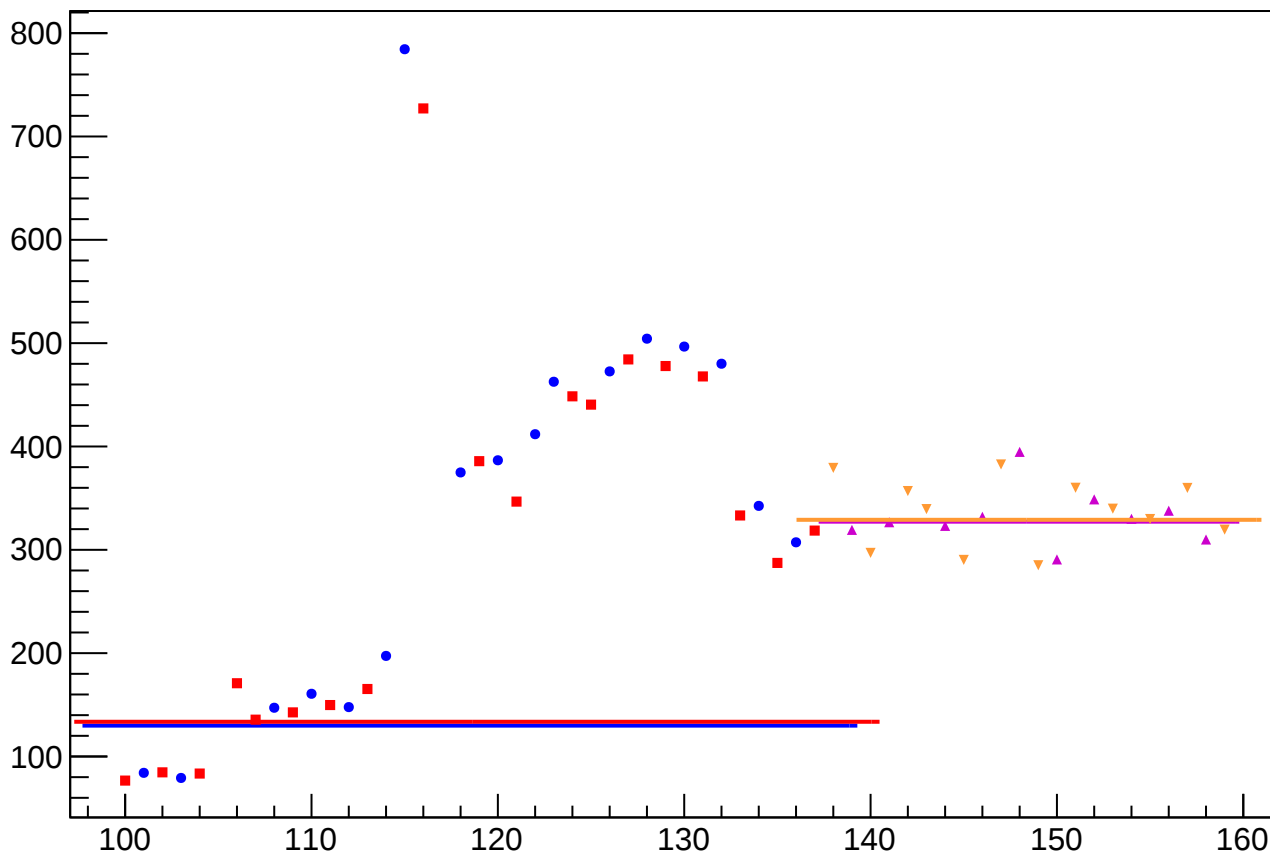
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 29.768 $\pm$ 55.300 χ^2 /NDF:42.6/26

Out: 148.604 $\pm$ 53.255 χ^2 /NDF:31.8/30

All: 91.424 $\pm$ 38.360 χ^2 /NDF: 76.8/57

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 329.045 $\pm$ 0.078 χ^2 /NDF: 172197.0/11

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 327.243 $\pm$ 0.081 χ^2 /NDF: 88293.0/9

Left: 328.180 $\pm$ 0.056 χ^2 /NDF: 260746.9/21

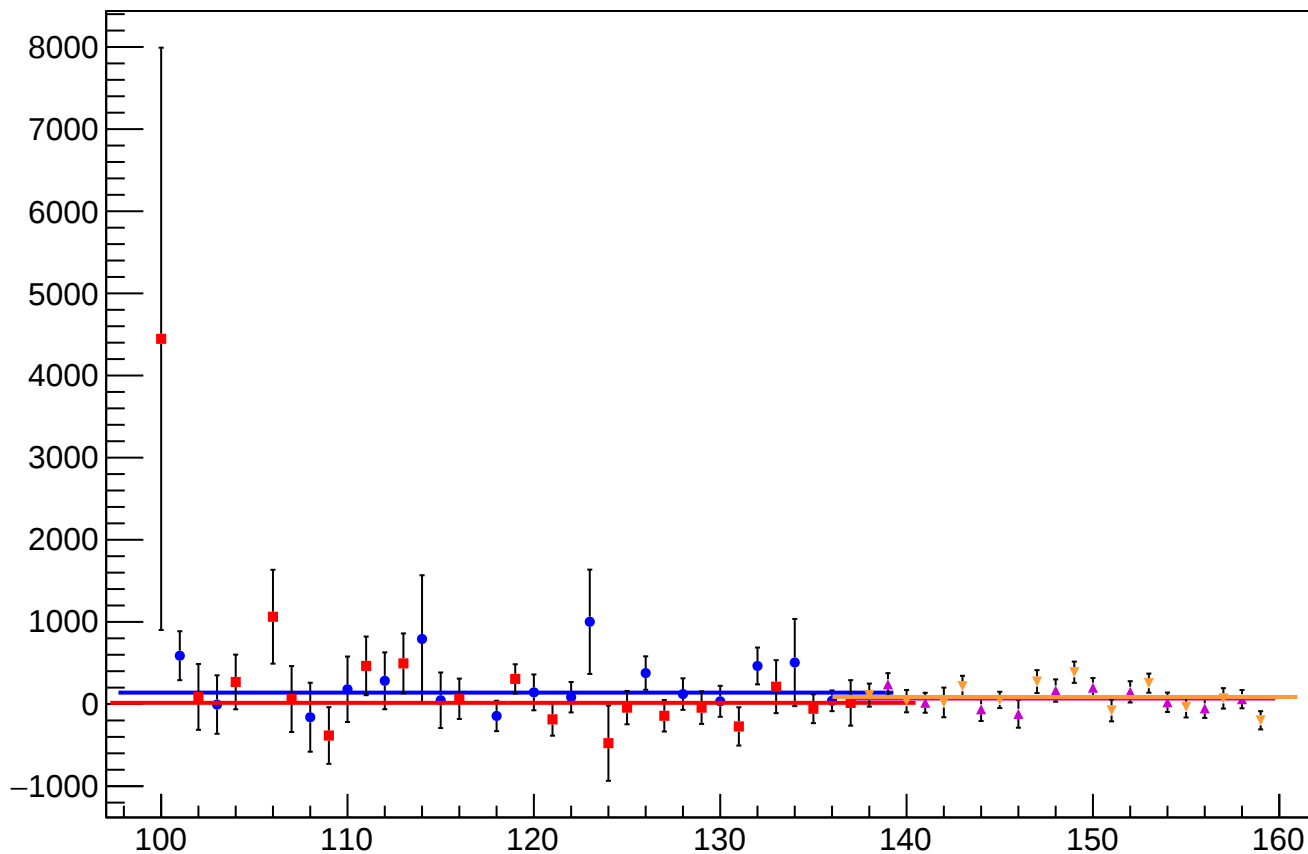
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 175.790 $\pm$ 0.039 χ^2 /NDF: 9464750.1/26

Out: 179.327 $\pm$ 0.038 χ^2 /NDF: 9362949.2/30

All: 177.625 $\pm$ 0.027 χ^2 /NDF: 18831943.9/57

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: 86.363 $\pm$ 36.585 χ^2 /NDF:19.8/11

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 66.936 $\pm$ 40.214 χ^2 /NDF:7.2/9

Left: 77.566 $\pm$ 27.062 χ^2 /NDF: 27.1/21

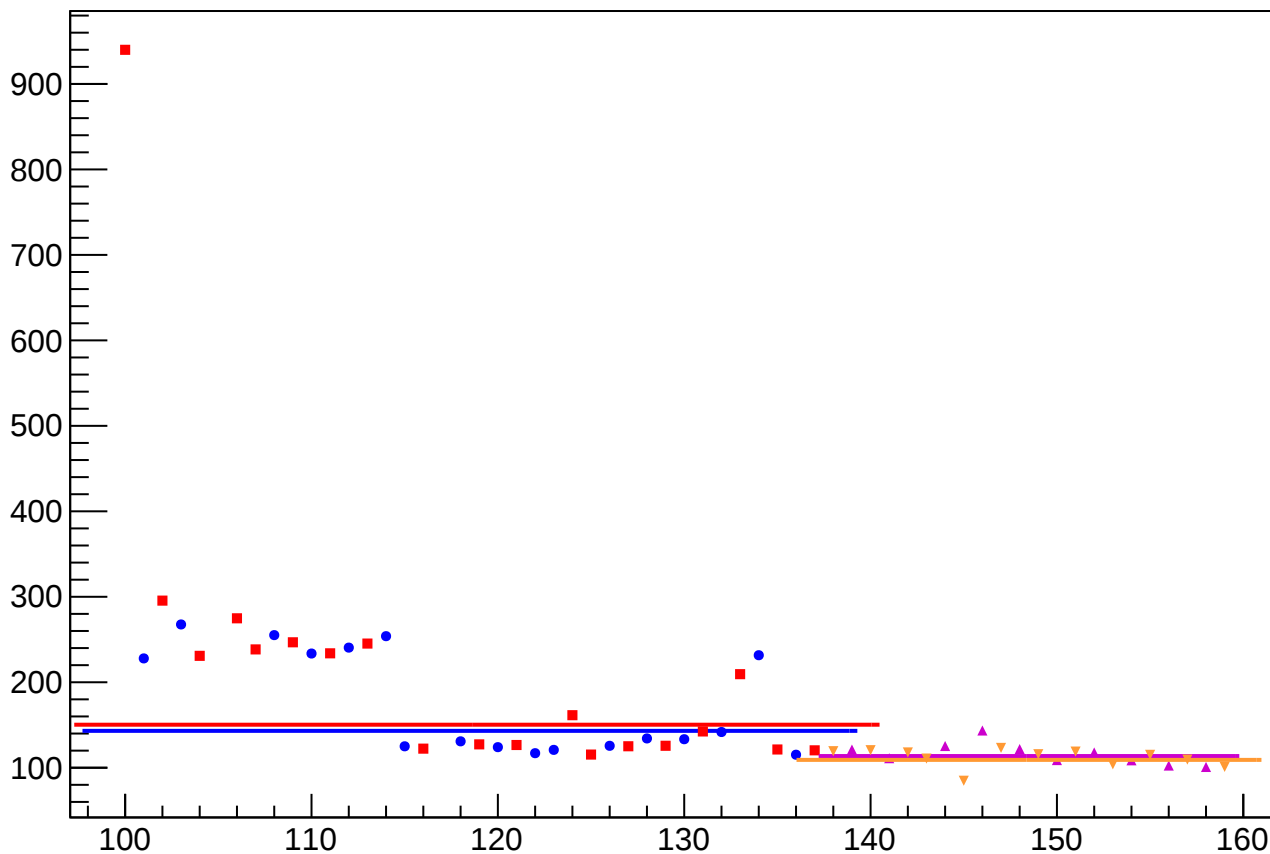
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 90.372 $\pm$ 33.044 χ^2 /NDF:21.4/26

Out: 67.054 $\pm$ 31.253 χ^2 /NDF:38.8/30

All: 78.064 $\pm$ 22.706 χ^2 /NDF: 60.4/57

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 109.179 $\pm$ 0.026 χ^2 /NDF: 206364.9/11

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 113.674 $\pm$ 0.028 χ^2 /NDF: 144204.1/9

Left: 111.215 $\pm$ 0.019 χ^2 /NDF: 364240.1/21

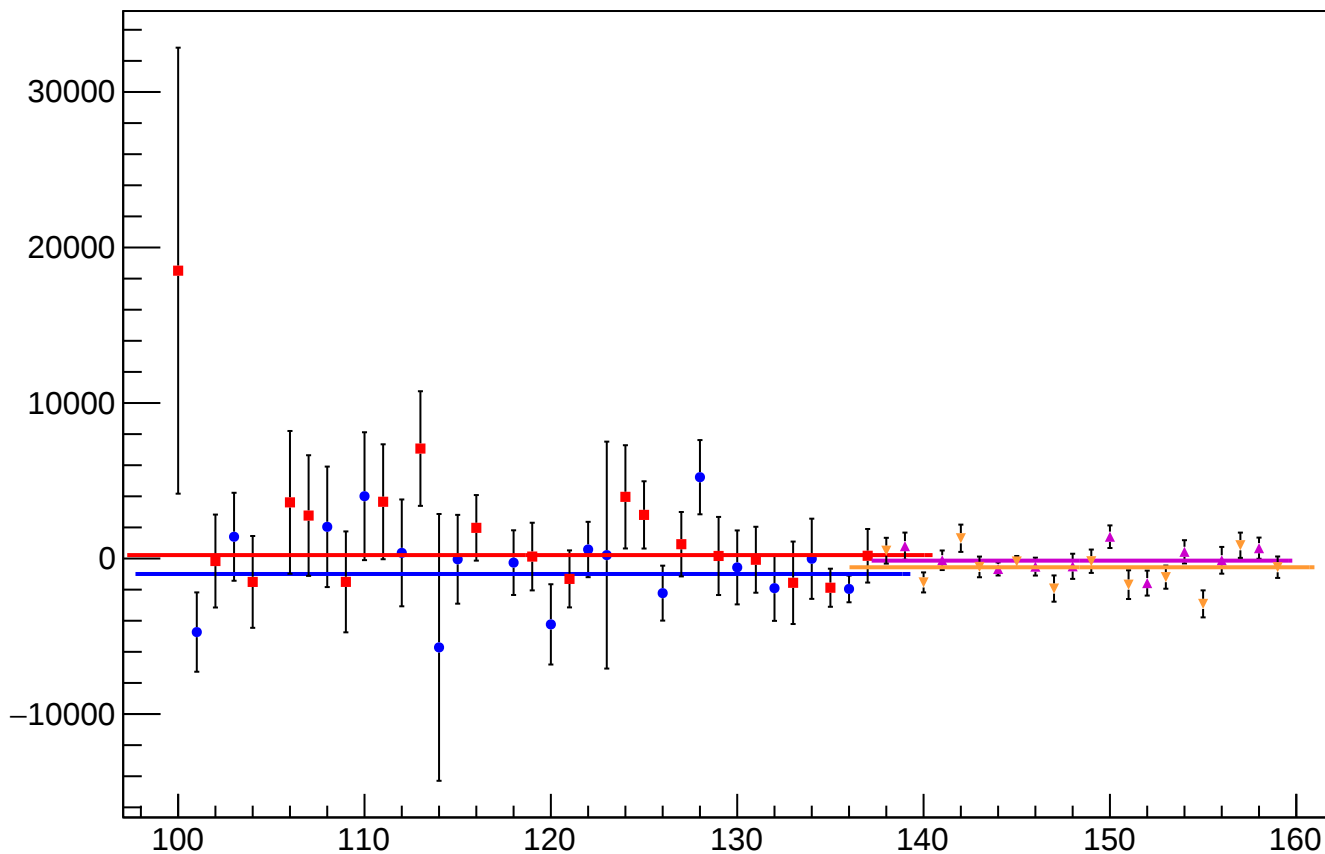
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 123.244 $\pm$ 0.023 χ^2 /NDF: 1594224.9/26

Out: 120.302 $\pm$ 0.022 χ^2 /NDF: 2322438.5/30

All: 121.691 $\pm$ 0.016 χ^2 /NDF: 3925034.6/57

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -561.867+/-194.167 χ^2/NDF : 25.0/11

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -135.900+/-209.491 χ^2/NDF : 13.1/9

Left: -365.031+/-142.406 χ^2/NDF : 40.3/21

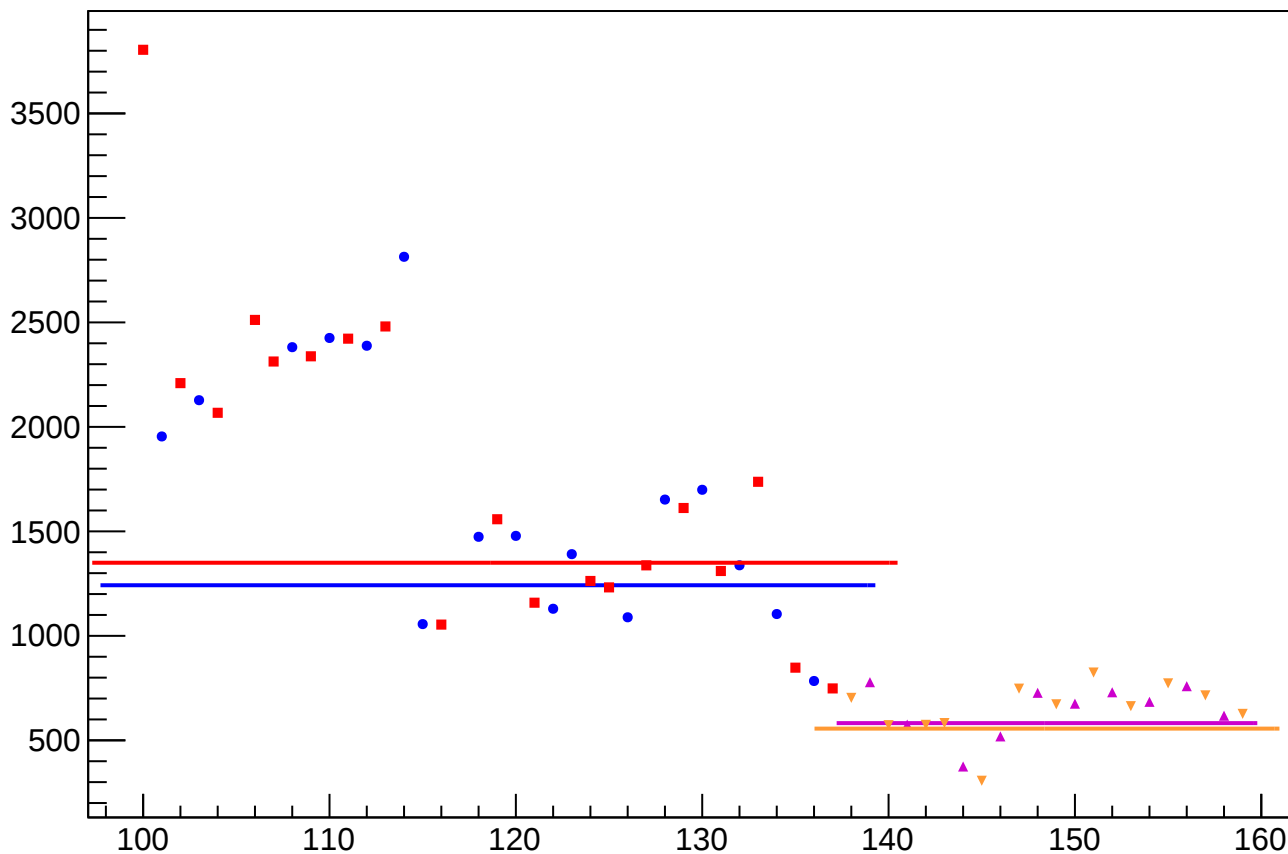
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -257.107+/-194.128 χ^2/NDF : 32.4/26

Out: -473.199+/-182.846 χ^2/NDF : 42.1/30

All: -371.615+/-133.102 χ^2/NDF : 75.1/57

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 556.086+/-0.137 χ^2/NDF : 1647194.9/11

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 582.378+/-0.148 χ^2/NDF : 904117.7/9

Left: 568.235+/-0.101 χ^2/NDF : 2568258.2/21

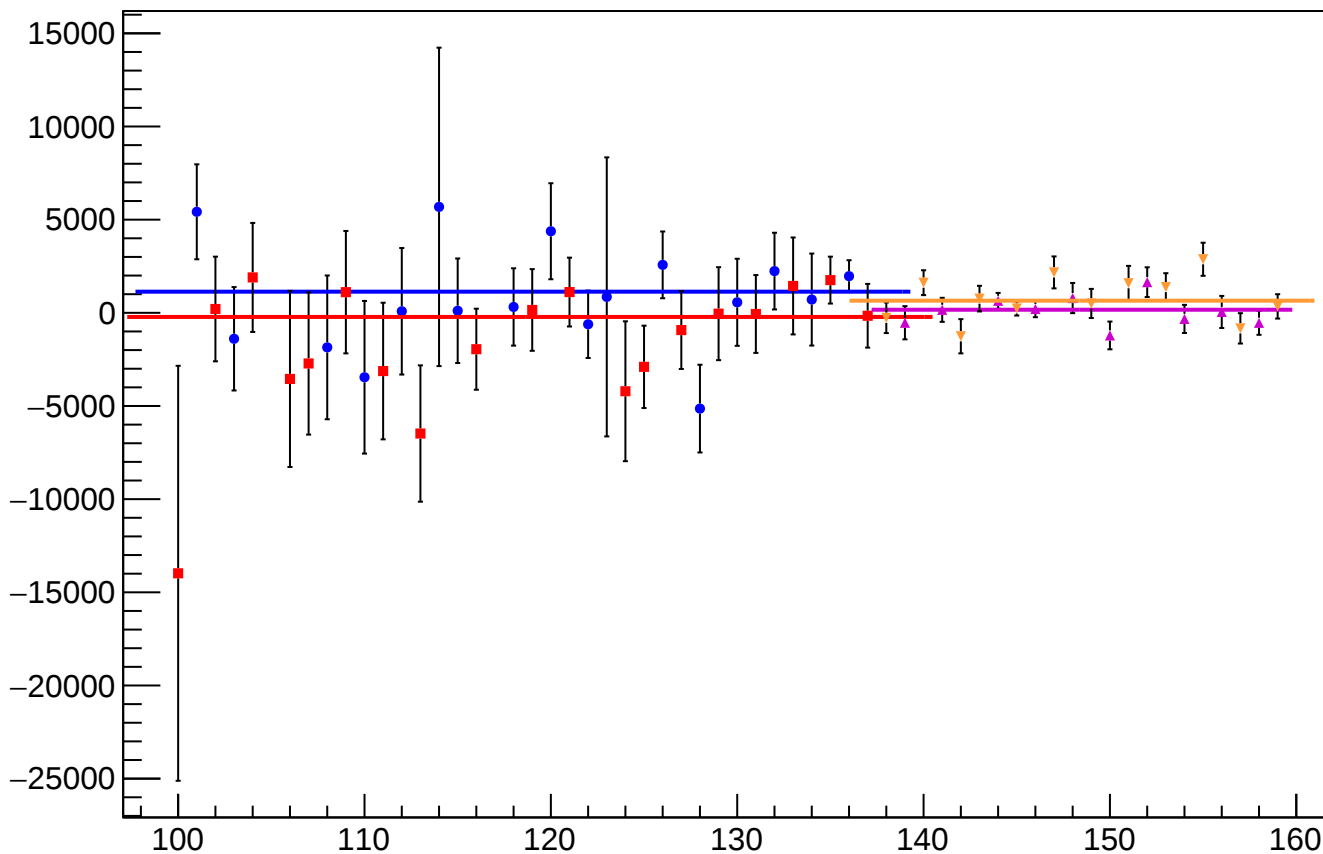
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 675.597+/-0.137 χ^2/NDF : 5474502.7/26

Out: 645.950+/-0.129 χ^2/NDF : 7299196.0/30

All: 659.887+/-0.094 χ^2/NDF : 12798417.9/57

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 651.726+/-199.972 χ^2/NDF : 23.9/11

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 165.756+/-200.989 χ^2/NDF : 11.0/9

Left: 409.974+/-141.760 χ^2/NDF : 37.8/21

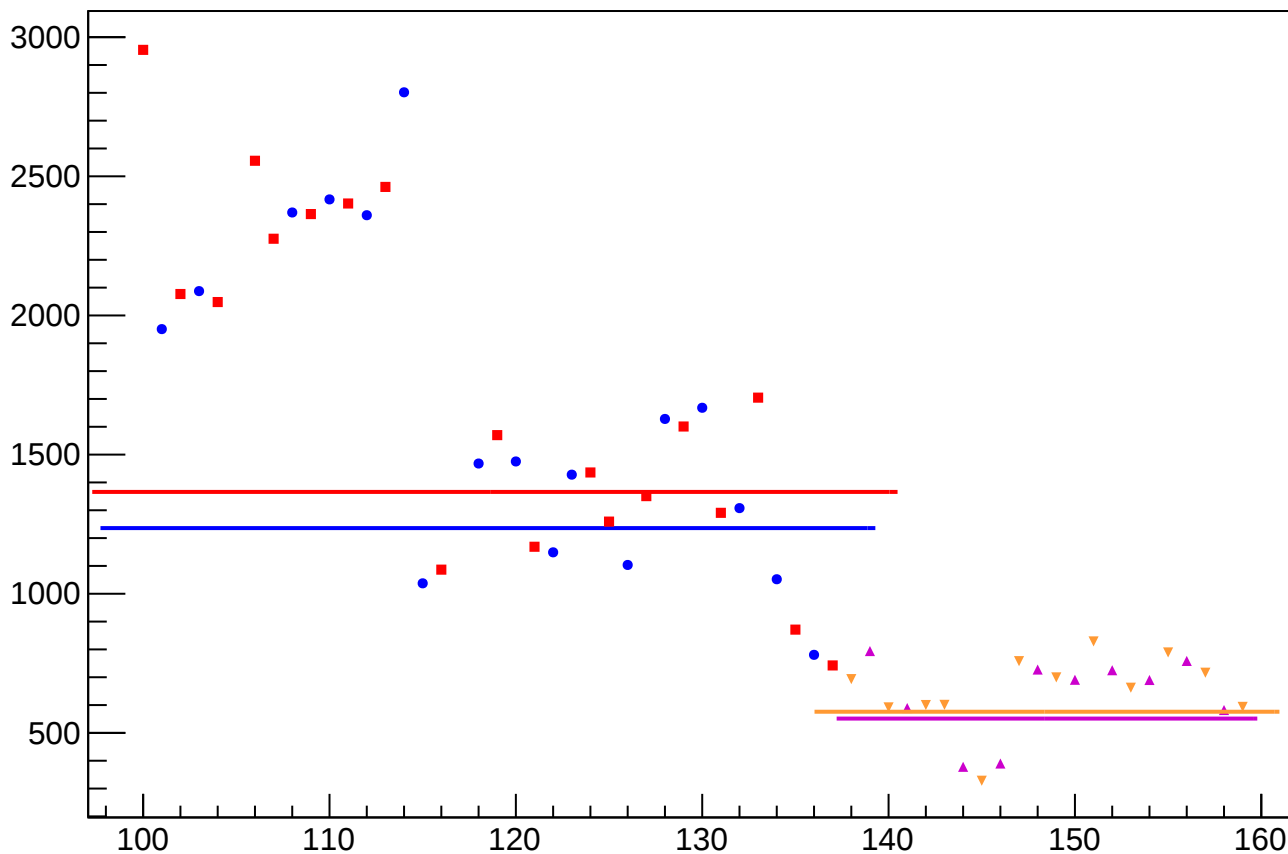
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 294.431+/-187.176 χ^2/NDF : 31.9/26

Out: 549.031+/-187.836 χ^2/NDF : 39.6/30

All: 421.283+/-132.586 χ^2/NDF : 72.4/57

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 576.079+/-0.141 χ^2/NDF :1383684.8/11

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 551.447+/-0.142 χ^2/NDF :1202338.6/9

Left: 563.826+/-0.100 χ^2/NDF : 2601120.0/21

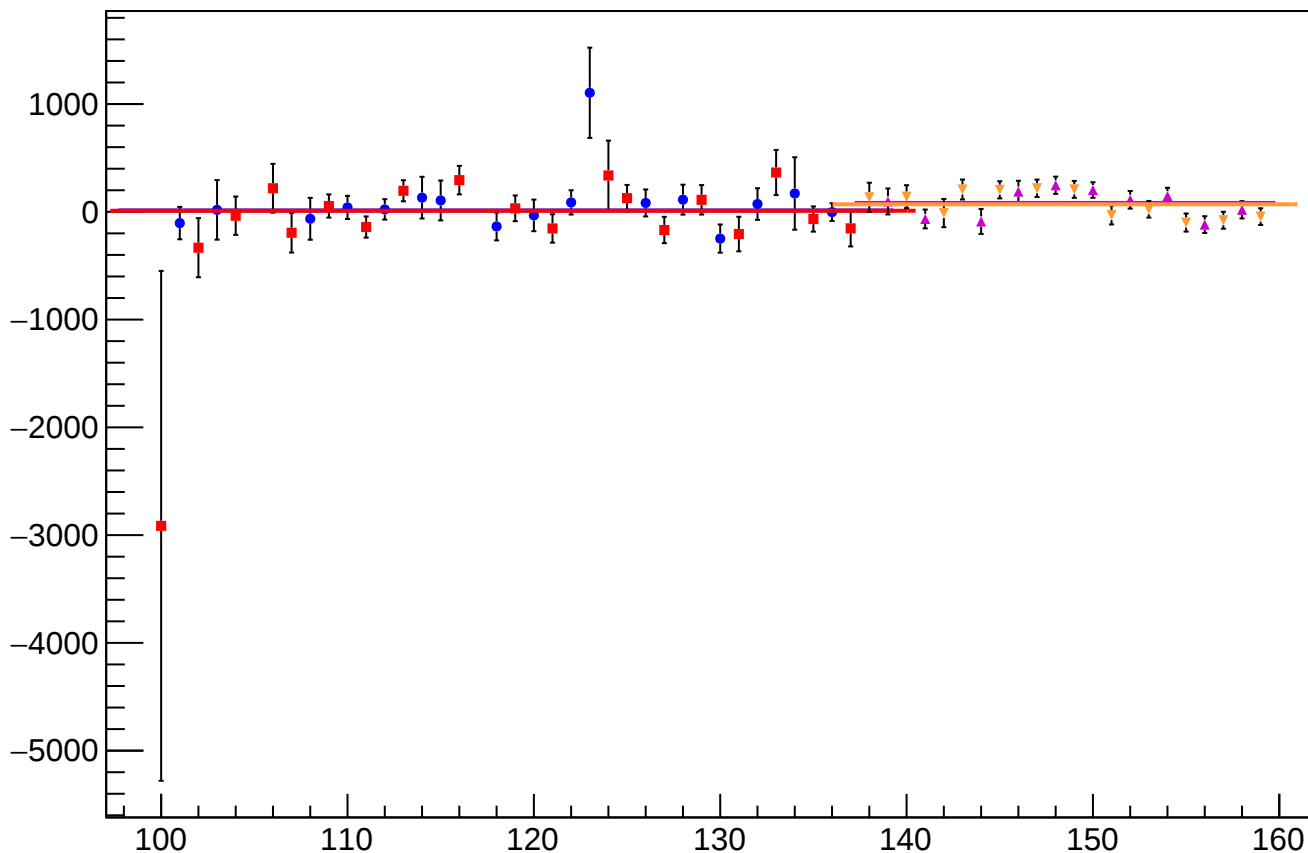
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 642.298+/-0.132 χ^2/NDF :6026874.6/26

Out: 669.040+/-0.133 χ^2/NDF :6806043.3/30

All: 655.622+/-0.094 χ^2/NDF : 12853257.9/57

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: 69.623 $\pm$ 25.312 χ^2 /NDF:24.1/11

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 82.491 $\pm$ 27.118 χ^2 /NDF:21.2/9

Left: 75.614 $\pm$ 18.504 χ^2 /NDF: 45.4/21

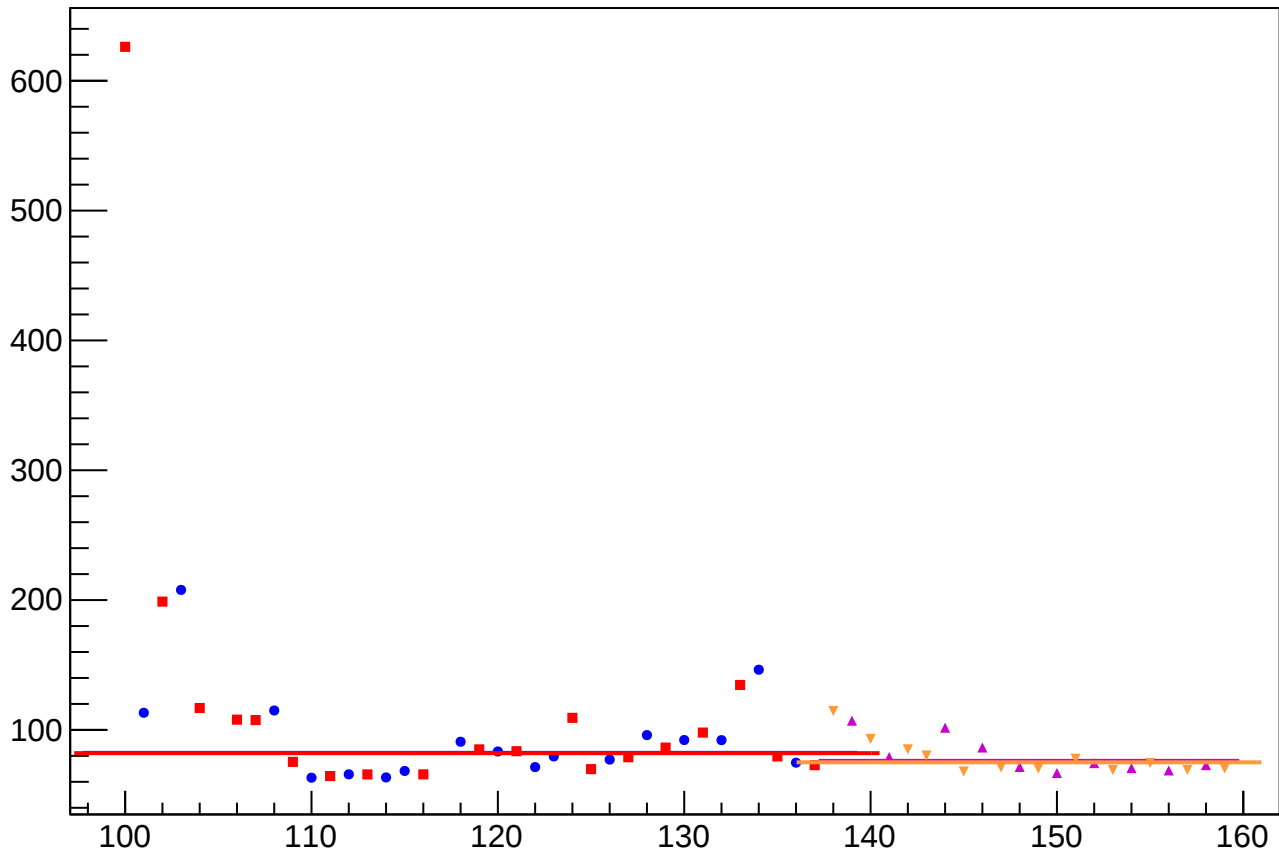
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 54.433 $\pm$ 21.009 χ^2 /NDF:39.3/26

Out: 47.214 $\pm$ 19.994 χ^2 /NDF:54.4/30

All: 50.645 $\pm$ 14.483 χ^2 /NDF: 93.8/57

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 ± 0.023 $\chi^2/\text{NDF}: 868742.4/16$

Left Out: 75.029 ± 0.018 $\chi^2/\text{NDF}: 307056.4/11$

Right Out: 82.091 ± 0.023 $\chi^2/\text{NDF}: 959008.5/18$

Left In: 76.144 ± 0.019 $\chi^2/\text{NDF}: 325535.0/9$

Left: 75.548 ± 0.013 $\chi^2/\text{NDF}: 634400.8/21$

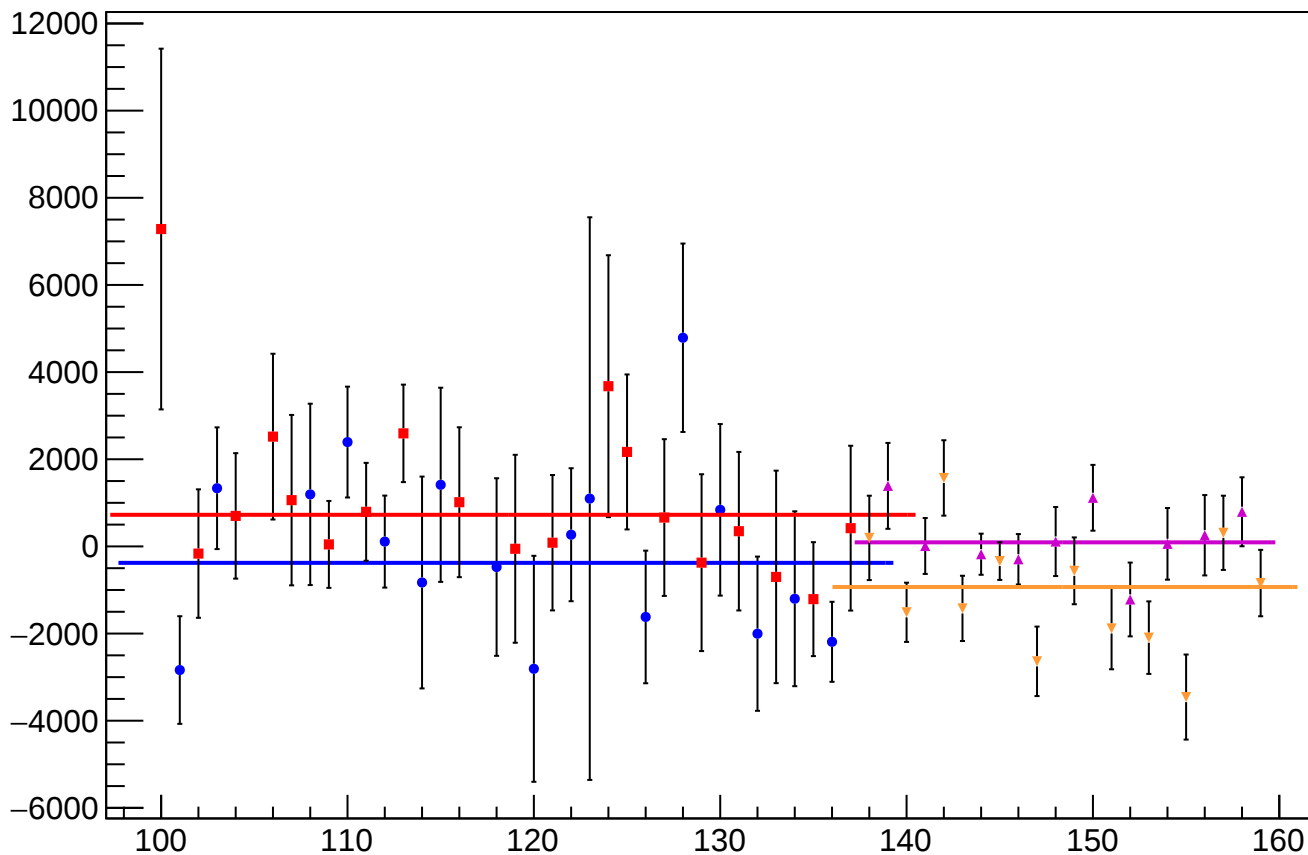
Right: 82.196 ± 0.016 $\chi^2/\text{NDF}: 1827793.7/35$

In: 78.608 ± 0.015 $\chi^2/\text{NDF}: 1235554.4/26$

Out: 77.684 ± 0.014 $\chi^2/\text{NDF}: 1324615.2/30$

All: 78.123 ± 0.010 $\chi^2/\text{NDF}: 2562196.1/57$

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 χ^2/NDF : 24.5/16

Left Out: -931.602 ± 214.684 χ^2/NDF : 29.4/11

Right Out: 725.204 ± 367.170 χ^2/NDF : 11.9/18

Left In: 93.216 ± 223.965 χ^2/NDF : 7.6/9

Left: -440.865 ± 154.982 χ^2/NDF : 47.9/21

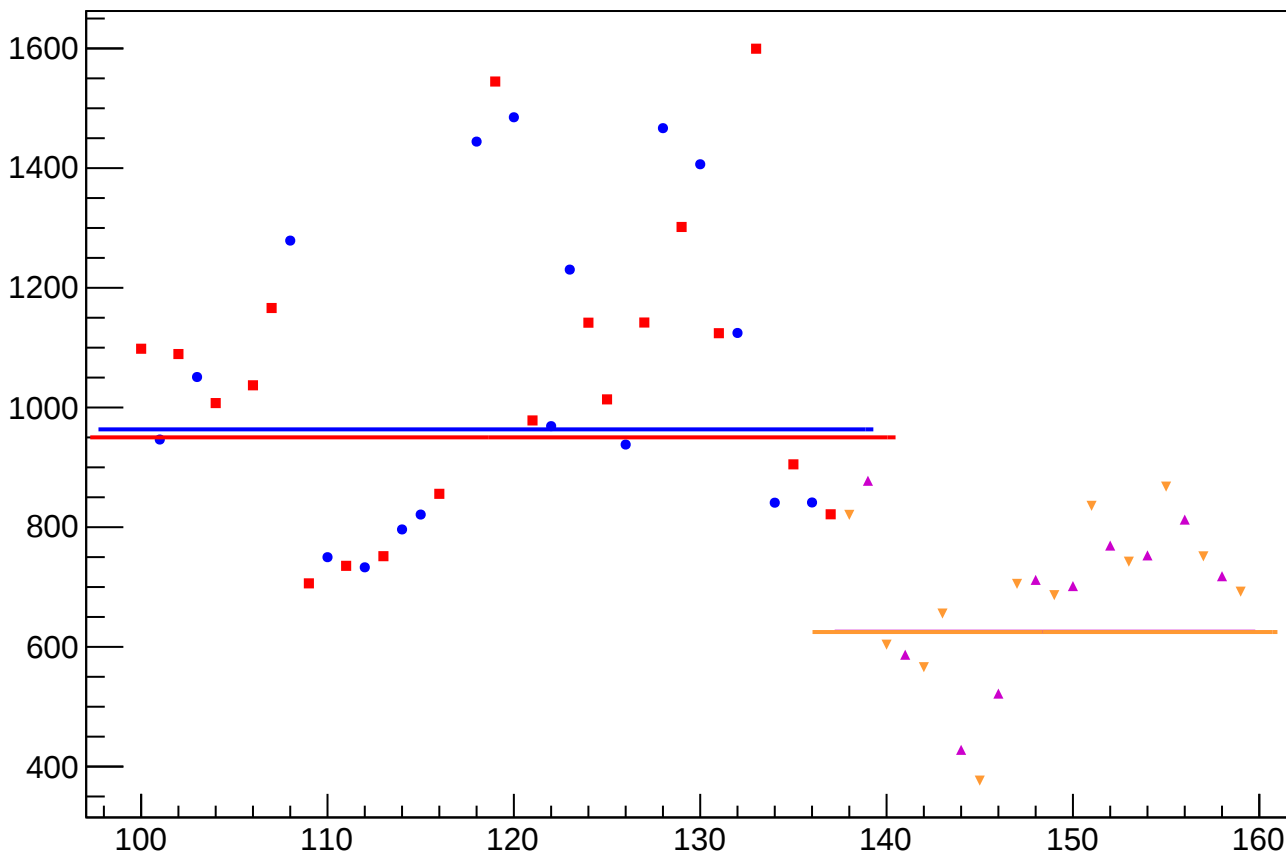
Right: 198.479 ± 265.345 χ^2/NDF : 40.7/35

In: -26.269 ± 193.451 χ^2/NDF : 33.2/26

Out: -509.492 ± 185.329 χ^2/NDF : 56.5/30

All: -278.236 ± 133.827 χ^2/NDF : 92.9/57

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 624.823+/-0.152 χ^2/NDF : 1113015.3/11

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 625.368+/-0.158 χ^2/NDF : 812439.7/9

Left: 625.084+/-0.110 χ^2/NDF : 1925461.2/21

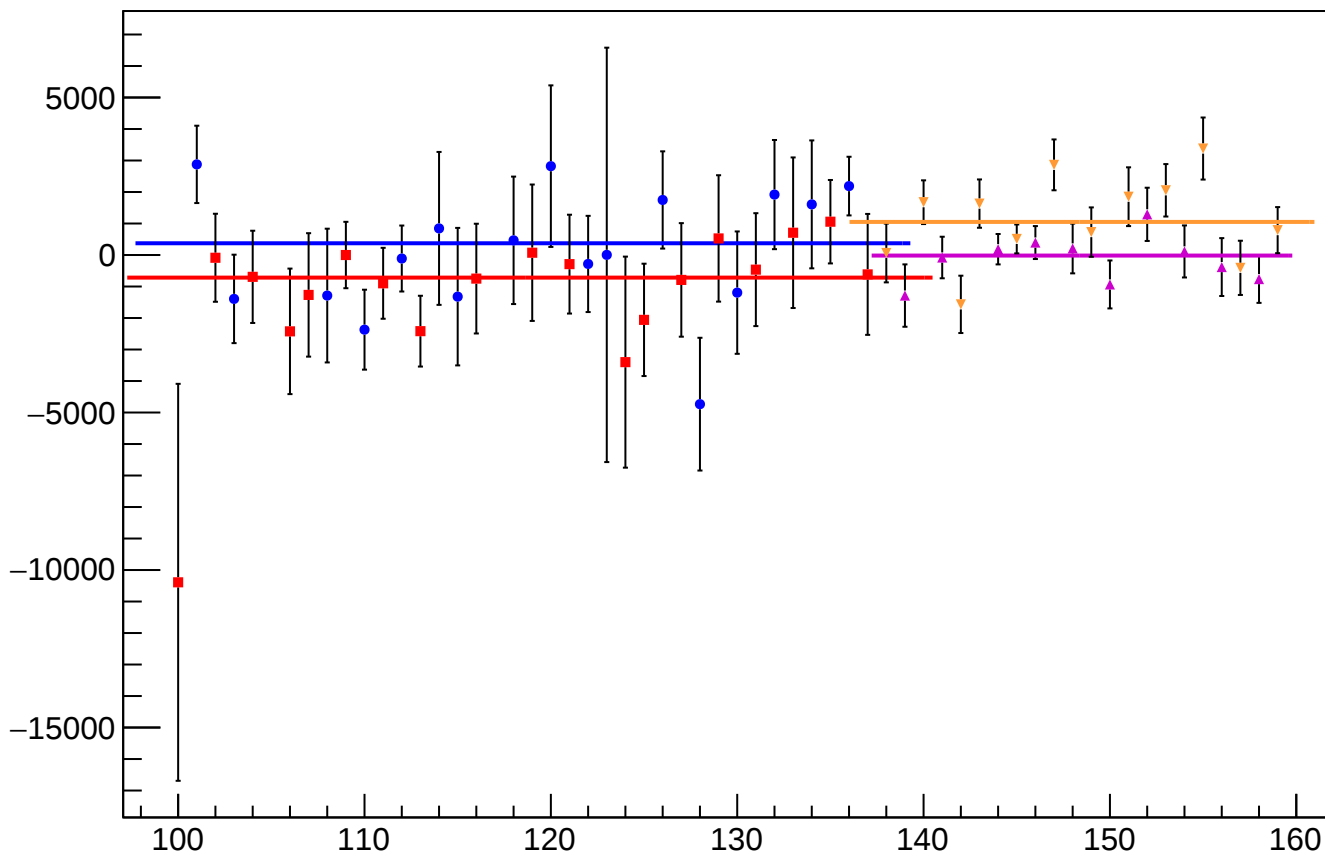
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 711.221+/-0.137 χ^2/NDF : 2658686.2/26

Out: 707.700+/-0.131 χ^2/NDF : 3014872.6/30

All: 709.385+/-0.095 χ^2/NDF : 5673904.3/57

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1050.605 $\pm$ 218.810 χ^2/NDF : 28.1/11

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: -17.539 $\pm$ 221.395 χ^2/NDF : 7.5/9

Left: 522.807 $\pm$ 155.628 χ^2/NDF : 47.5/21

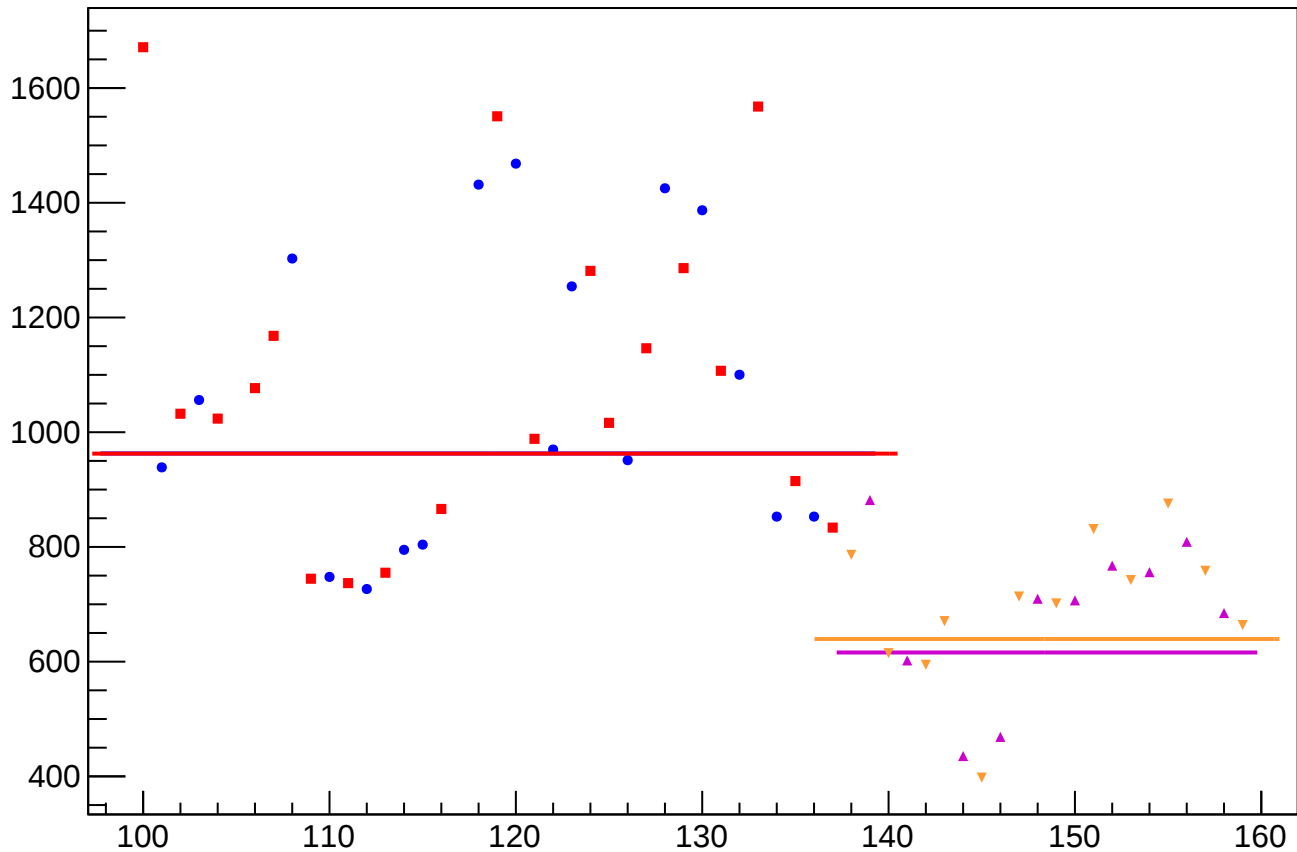
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 79.996 $\pm$ 191.758 χ^2/NDF : 33.6/26

Out: 595.726 $\pm$ 188.573 χ^2/NDF : 55.1/30

All: 342.180 $\pm$ 134.453 χ^2/NDF : 92.3/57

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 639.530 $\pm$ 0.155 χ^2/NDF : 914538.6/11

Right Out: 962.693 $\pm$ 0.263 χ^2/NDF : 696385.7/18

Left In: 615.978 $\pm$ 0.157 χ^2/NDF : 866459.4/9

Left: 627.893 $\pm$ 0.110 χ^2/NDF : 1792447.2/21

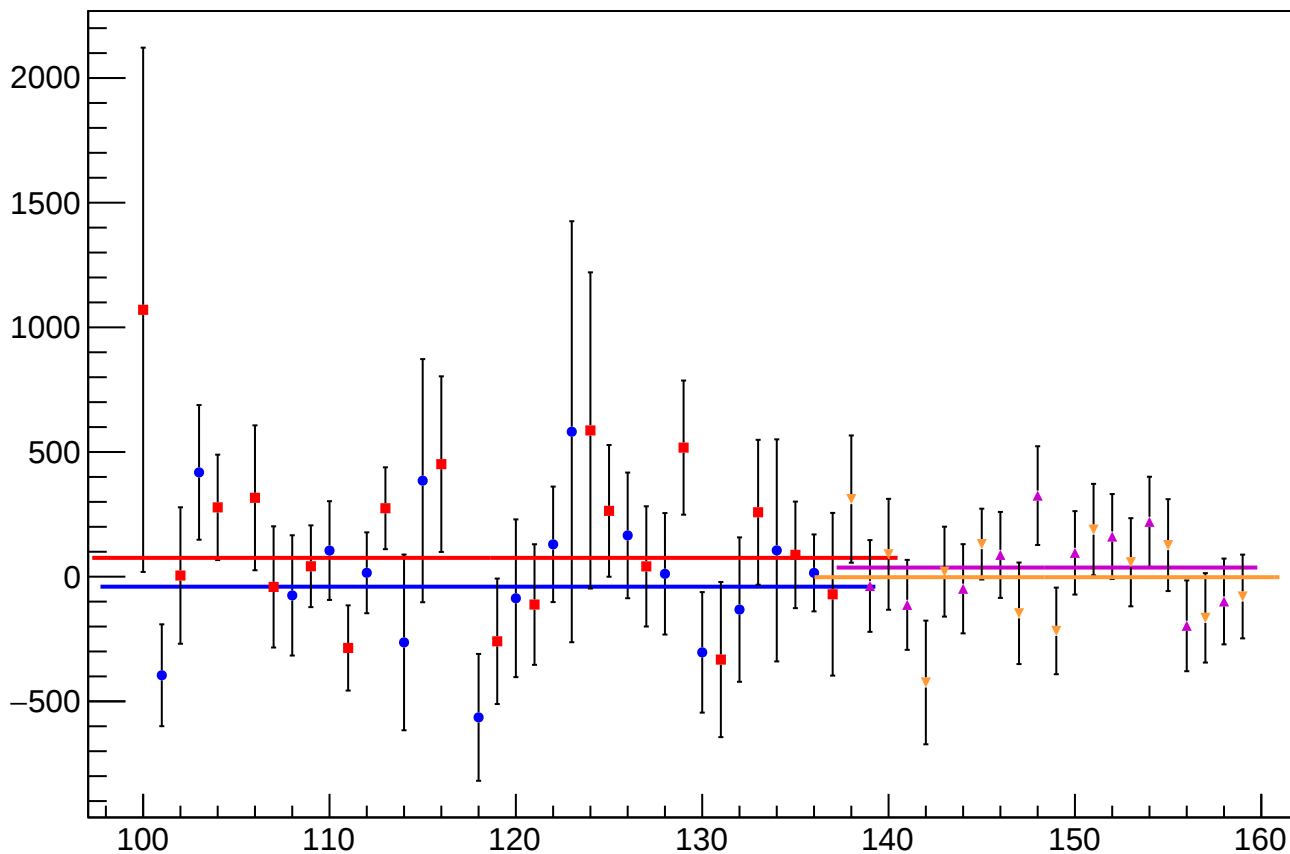
Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35

In: 702.661 $\pm$ 0.136 χ^2/NDF : 2761260.5/26

Out: 722.674 $\pm$ 0.133 χ^2/NDF : 2733328.9/30

All: 712.835 $\pm$ 0.095 χ^2/NDF : 5505664.7/57

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -2.089 ± 53.673 $\chi^2/\text{NDF}: 10.2/11$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 36.602 ± 56.313 $\chi^2/\text{NDF}: 7.2/9$

Left: 16.329 ± 38.852 $\chi^2/\text{NDF}: 17.7/21$

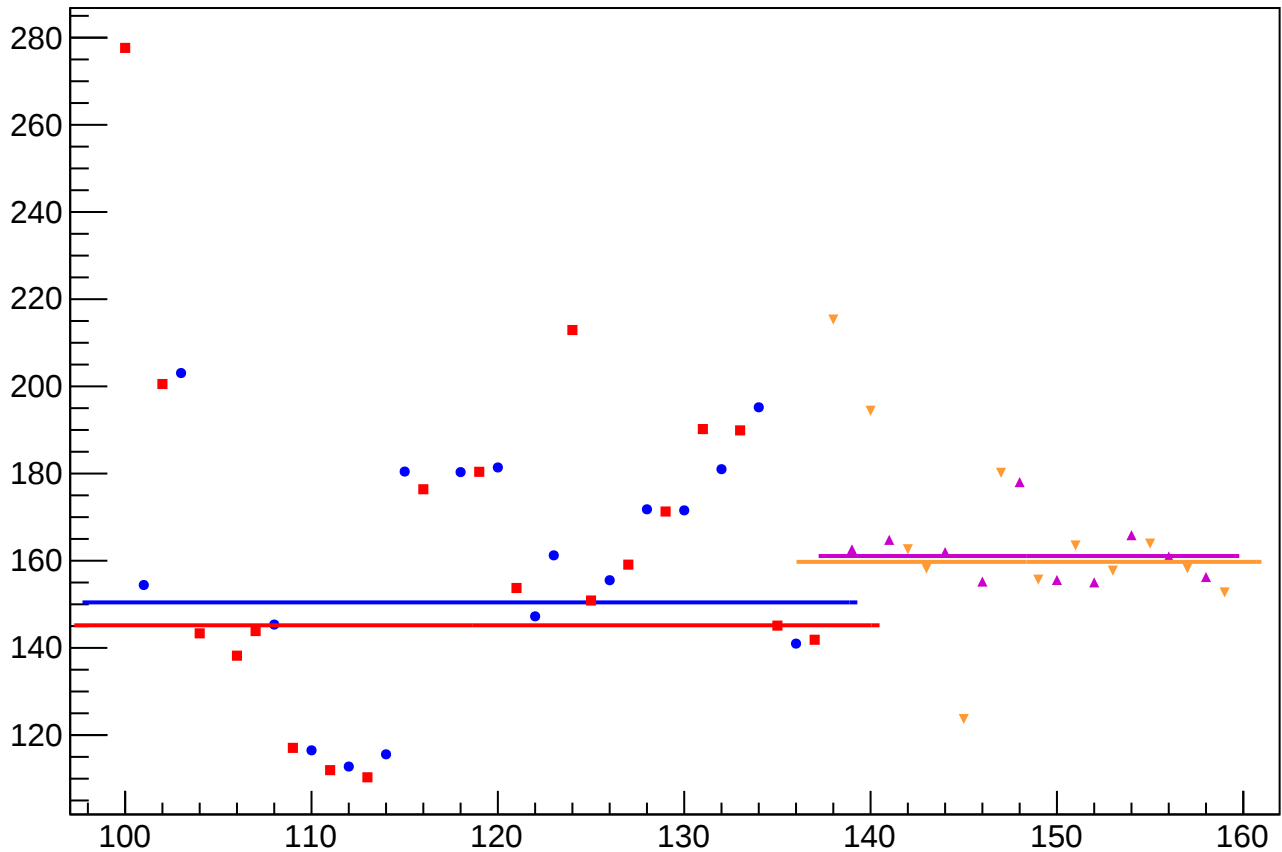
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 0.193 ± 40.820 $\chi^2/\text{NDF}: 23.4/26$

Out: 34.881 ± 38.826 $\chi^2/\text{NDF}: 29.7/30$

All: 18.405 ± 28.133 $\chi^2/\text{NDF}: 53.5/57$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 159.742 $\pm$ 0.038 χ^2 /NDF: 299805.3/11

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.079 $\pm$ 0.040 χ^2 /NDF: 25651.5/9

Left: 160.378 $\pm$ 0.027 χ^2 /NDF: 326048.2/21

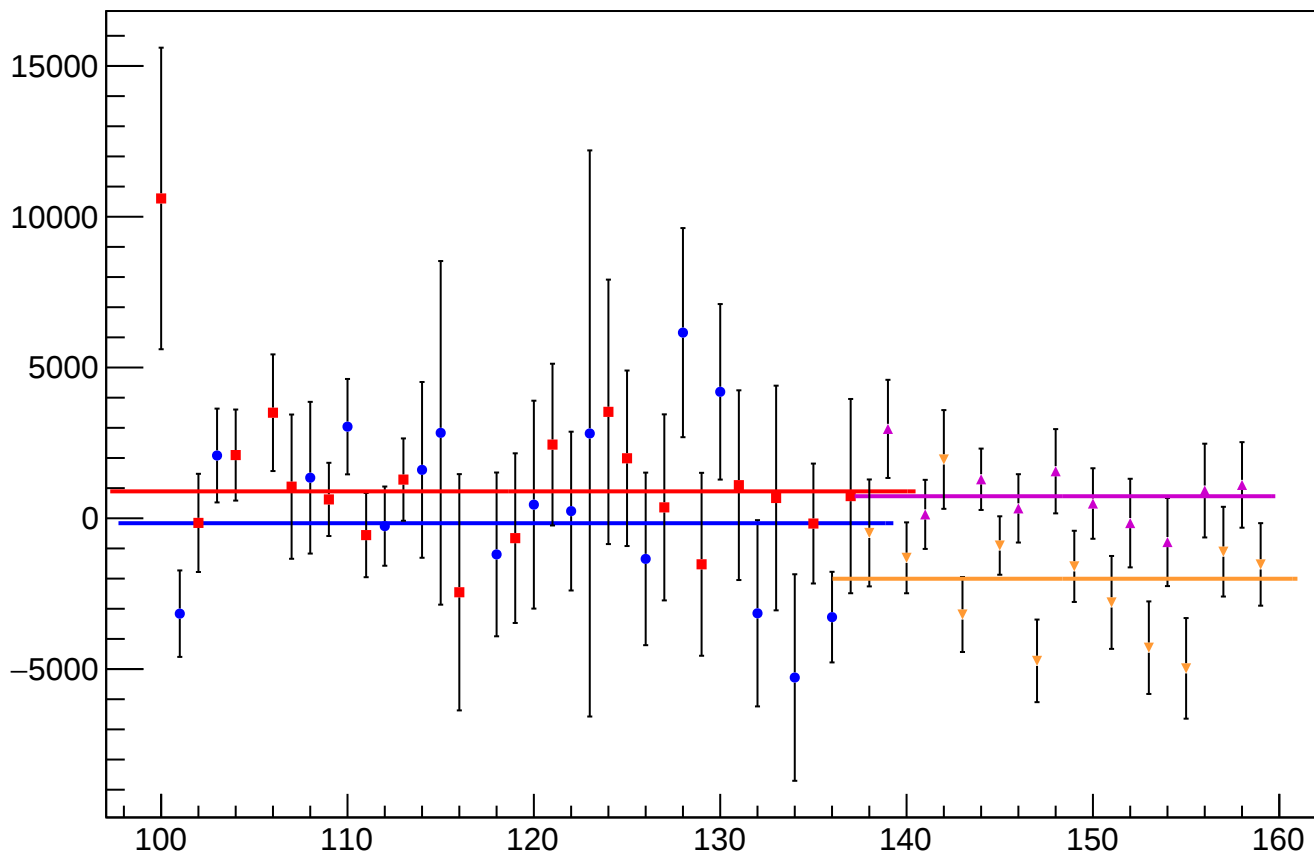
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 156.031 $\pm$ 0.029 χ^2 /NDF: 459641.3/26

Out: 152.803 $\pm$ 0.027 χ^2 /NDF: 905612.3/30

All: 154.336 $\pm$ 0.020 χ^2 /NDF: 1371820.5/57

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -2004.495+/-390.214 χ^2/NDF : 19.3/11

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 731.853+/-409.254 χ^2/NDF : 4.5/9

Left: -701.451+/-282.414 χ^2/NDF : 47.3/21

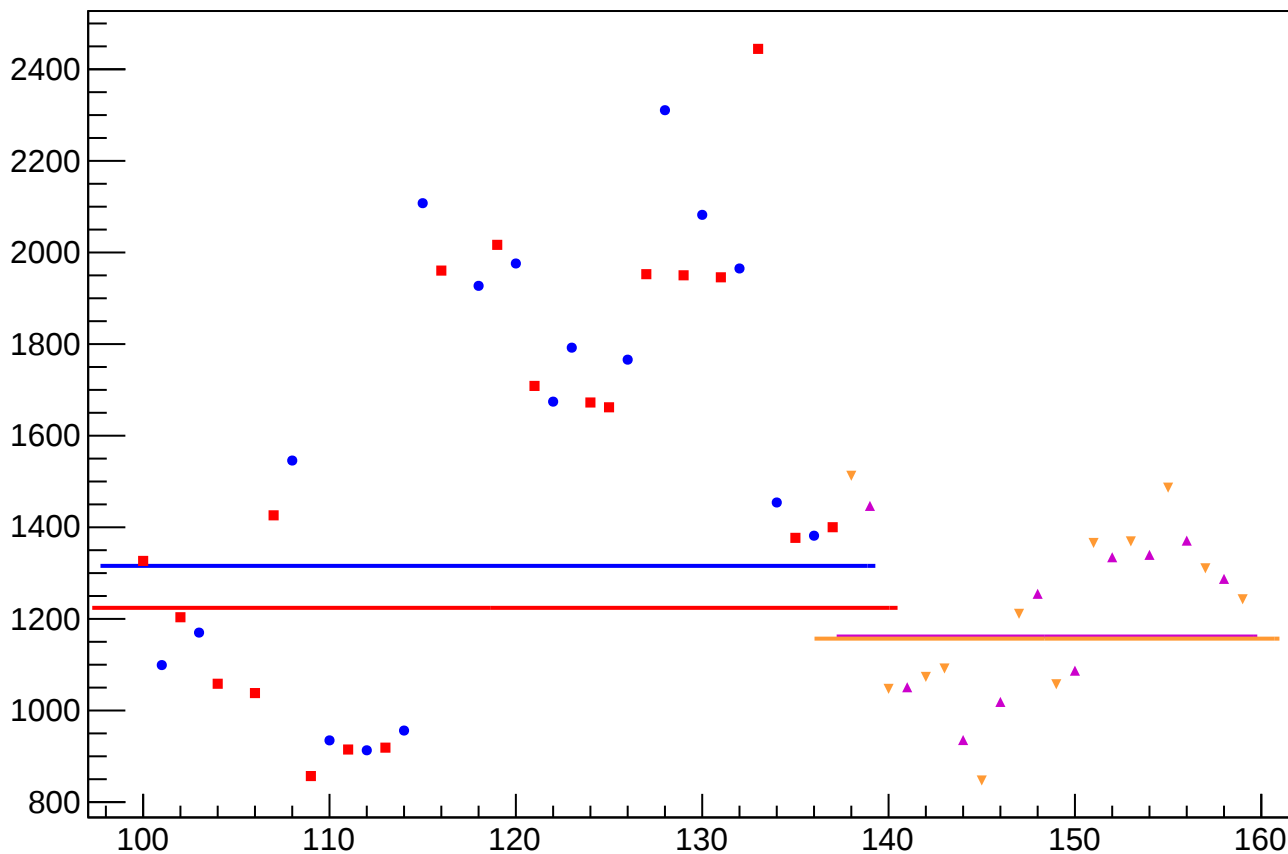
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 400.155+/-324.641 χ^2/NDF : 31.4/26

Out: -863.920+/-303.861 χ^2/NDF : 51.7/30

All: -273.631+/-221.845 χ^2/NDF : 91.2/57

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: 1156.923 $\pm$ 0.276 χ^2 /NDF: 512395.3/11

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1161.551 $\pm$ 0.289 χ^2 /NDF: 337158.2/9

Left: 1159.127 $\pm$ 0.200 χ^2 /NDF: 849687.5/21

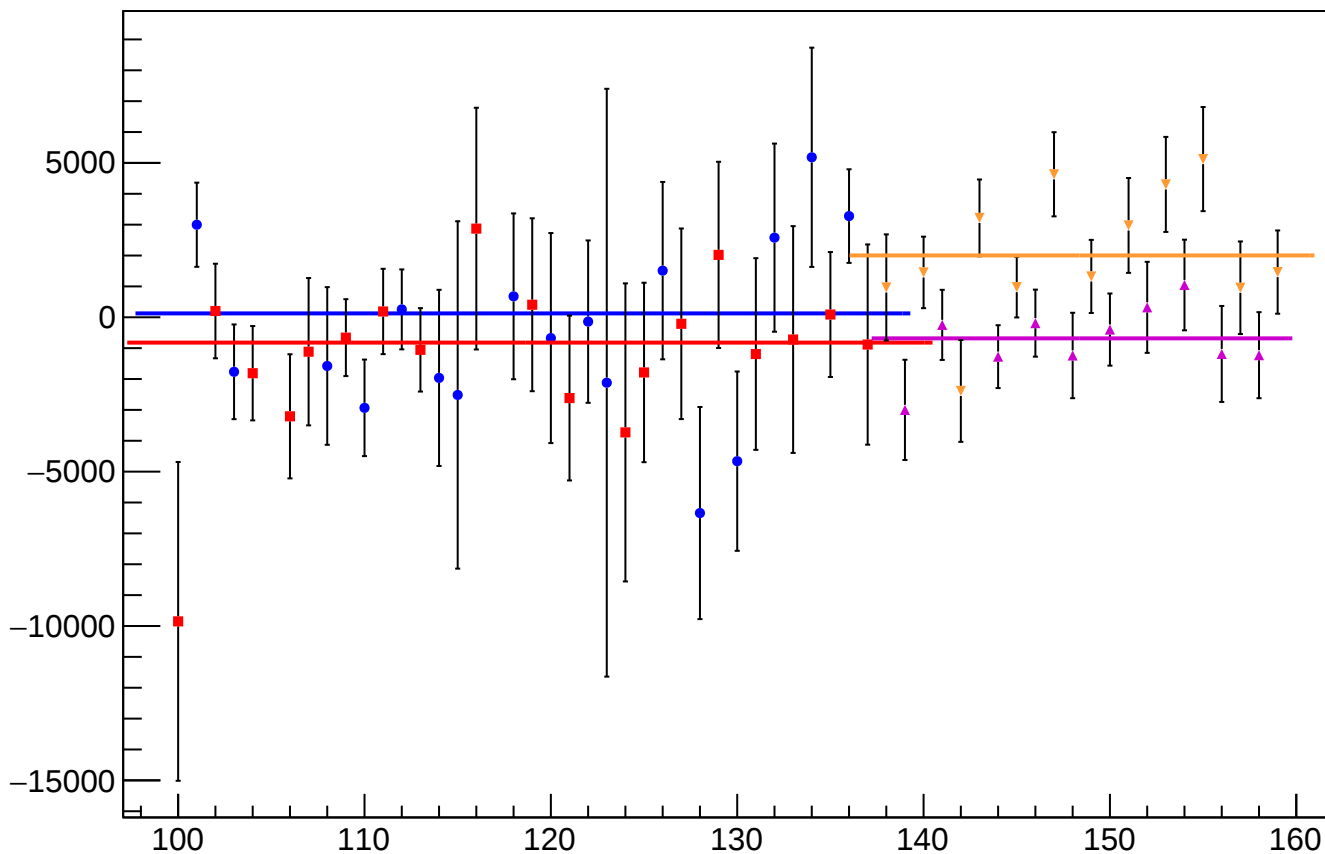
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1218.734 $\pm$ 0.230 χ^2 /NDF: 1560818.0/26

Out: 1183.384 $\pm$ 0.215 χ^2 /NDF: 1899663.9/30

All: 1199.892 $\pm$ 0.157 χ^2 /NDF: 3473121.5/57

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2003.072 $\pm$ 389.933 χ^2 /NDF:20.5/11

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -683.052 $\pm$ 405.674 χ^2 /NDF:5.1/9

Left: 713.134 $\pm$ 281.125 χ^2 /NDF: 48.3/21

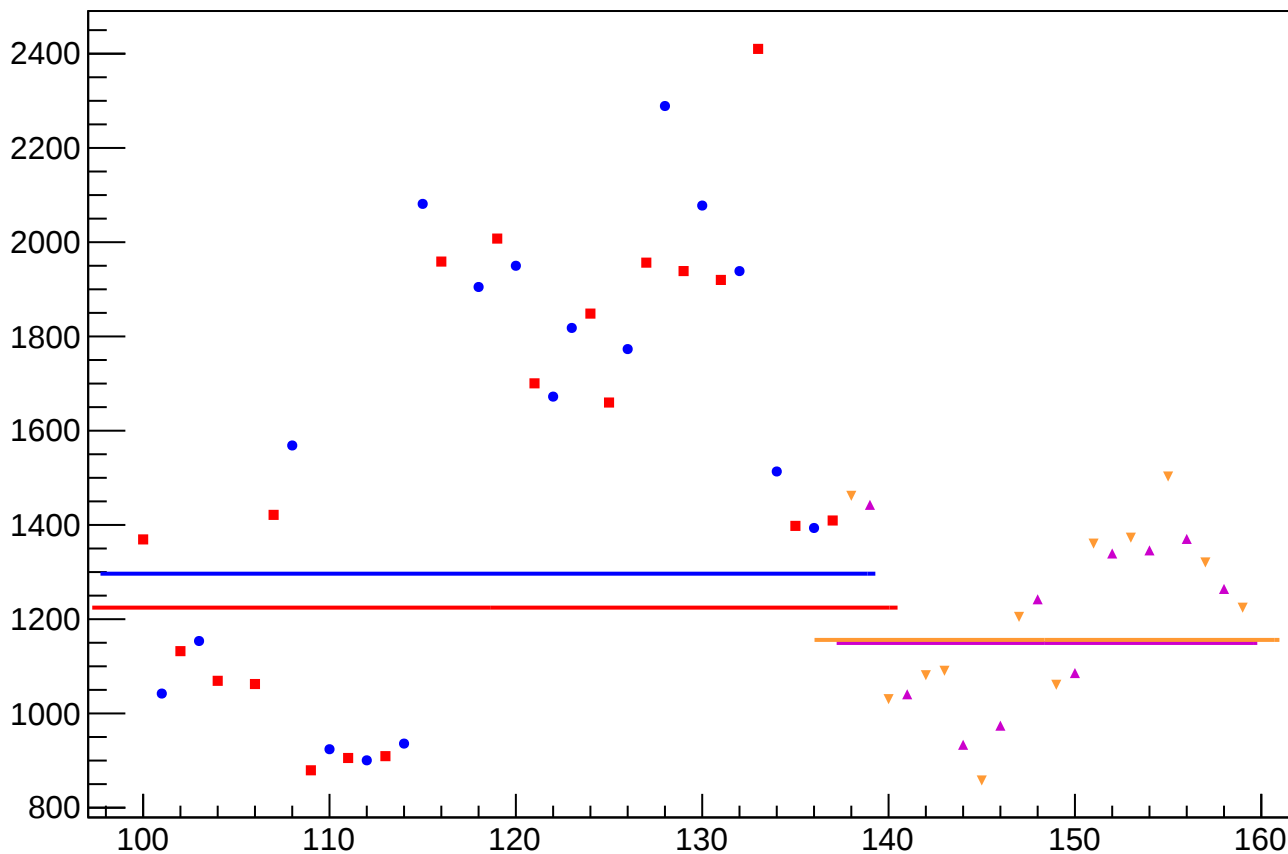
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -382.109 $\pm$ 321.417 χ^2 /NDF:31.2/26

Out: 893.669 $\pm$ 303.811 χ^2 /NDF:50.1/30

All: 291.676 $\pm$ 220.789 χ^2 /NDF: 89.7/57

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1156.048+/-0.276 χ^2/NDF : 485015.6/11

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1149.574+/-0.287 χ^2/NDF : 363772.3/9

Left: 1152.939+/-0.199 χ^2/NDF : 849052.7/21

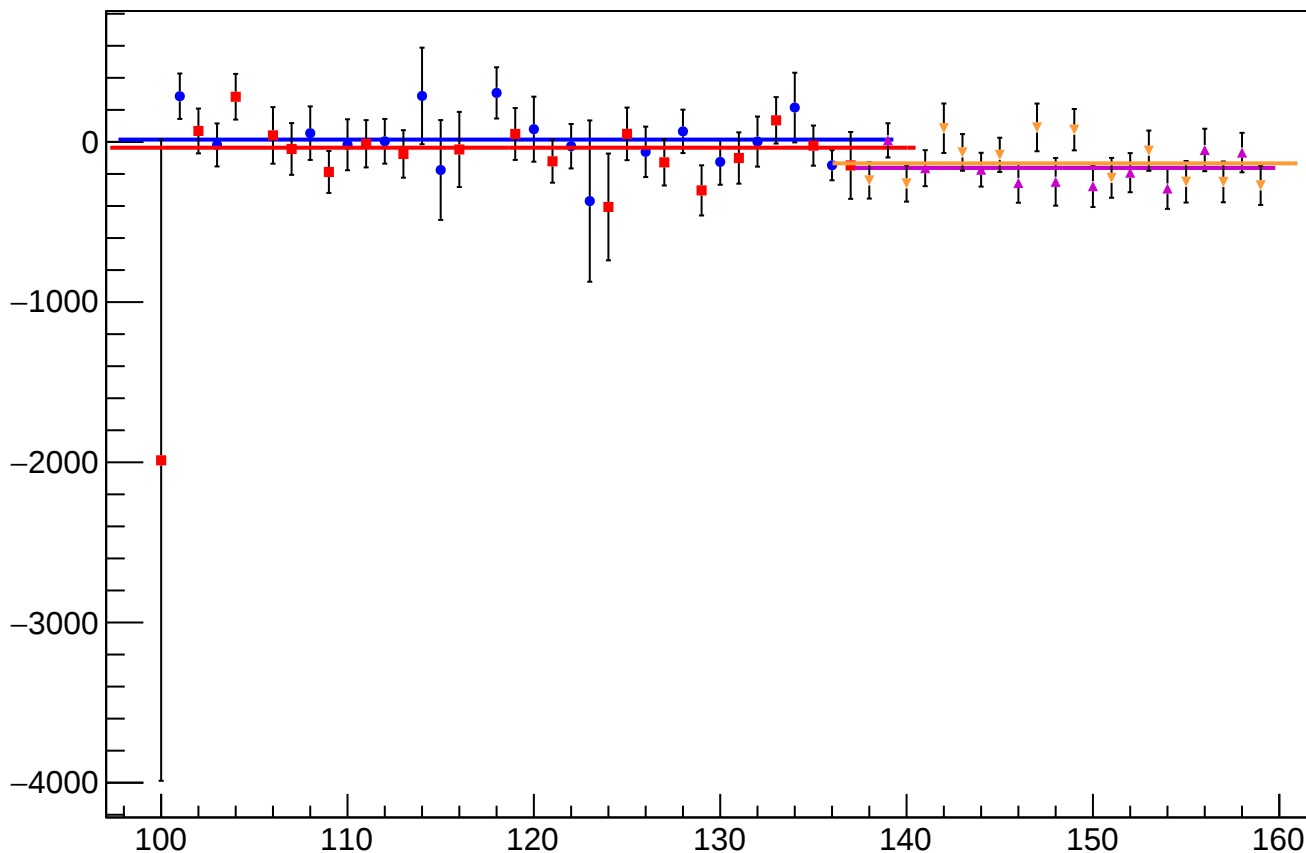
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1204.295+/-0.227 χ^2/NDF : 1636995.1/26

Out: 1182.970+/-0.215 χ^2/NDF : 1857552.1/30

All: 1193.033+/-0.156 χ^2/NDF : 3499197.1/57

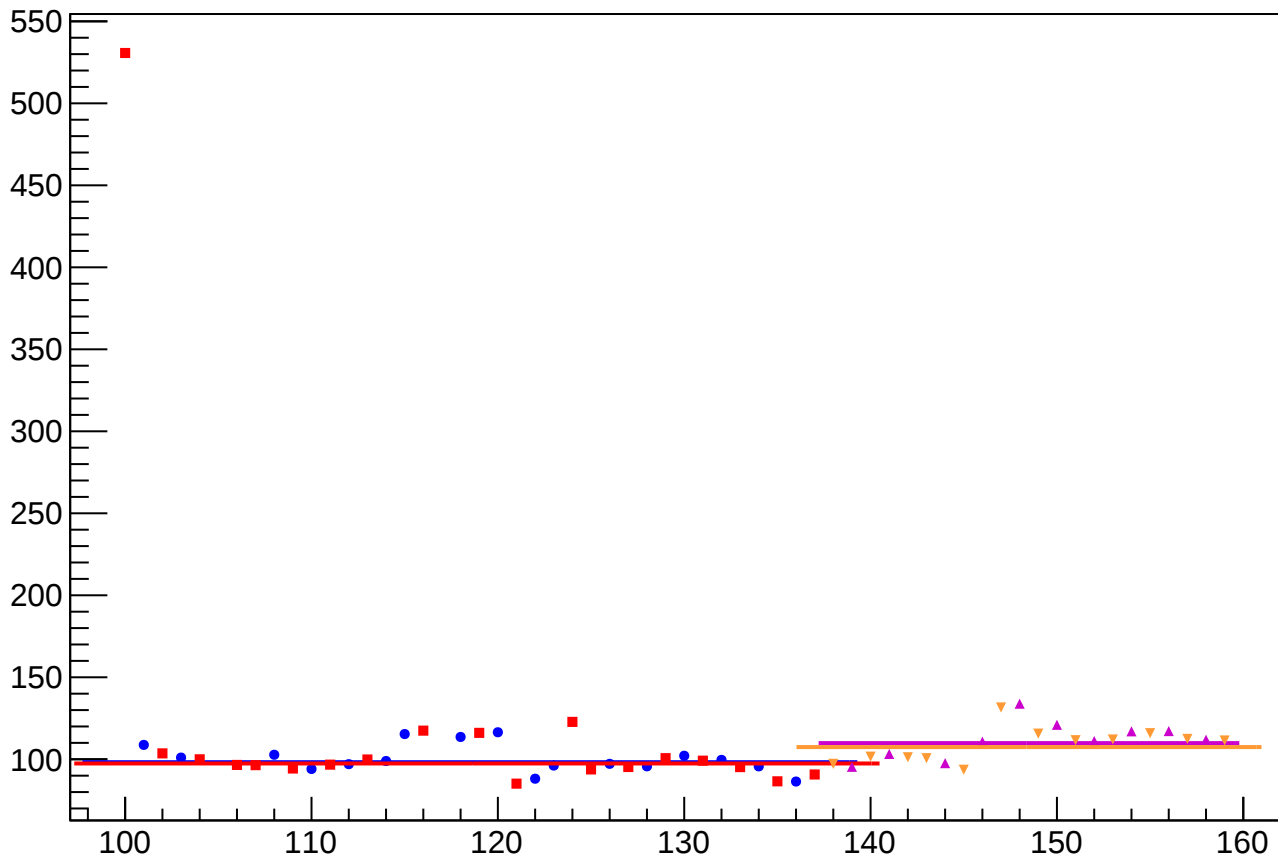
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -133.794 ± 35.775 $\chi^2/\text{NDF}: 13.4/11$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -162.508 ± 38.405 $\chi^2/\text{NDF}: 6.7/9$

Left: -147.134 ± 26.177 $\chi^2/\text{NDF}: 20.4/21$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -73.066 ± 27.018 $\chi^2/\text{NDF}: 31.6/26$
 Out: -86.239 ± 25.625 $\chi^2/\text{NDF}: 32.5/30$
 All: -80.001 ± 18.592 $\chi^2/\text{NDF}: 64.3/57$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.434+/-0.025 χ^2/NDF : 144741.0/11

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 109.857+/-0.027 χ^2/NDF : 150558.3/9

Left: 108.560+/-0.019 χ^2/NDF : 299562.0/21

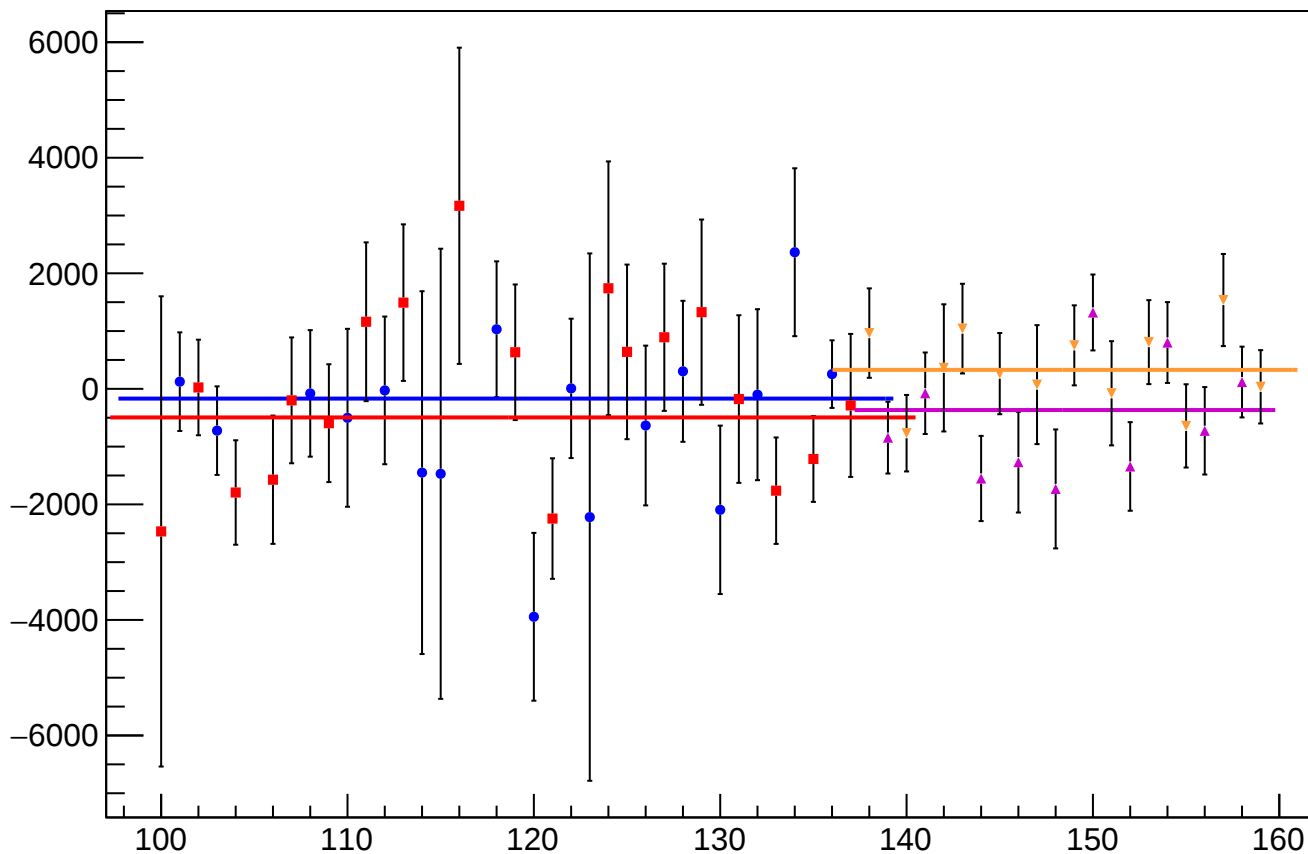
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 103.979+/-0.019 χ^2/NDF : 343833.6/26

Out: 102.566+/-0.018 χ^2/NDF : 410866.4/30

All: 103.235+/-0.013 χ^2/NDF : 757580.4/57

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: 328.469 $\pm$ 220.386 χ^2/NDF : 9.7/11

Right Out: -494.868 $\pm$ 267.430 χ^2/NDF : 19.8/18

Left In: -367.043 $\pm$ 228.398 χ^2/NDF : 18.0/9

Left: -6.873 $\pm$ 158.593 χ^2/NDF : 32.5/21

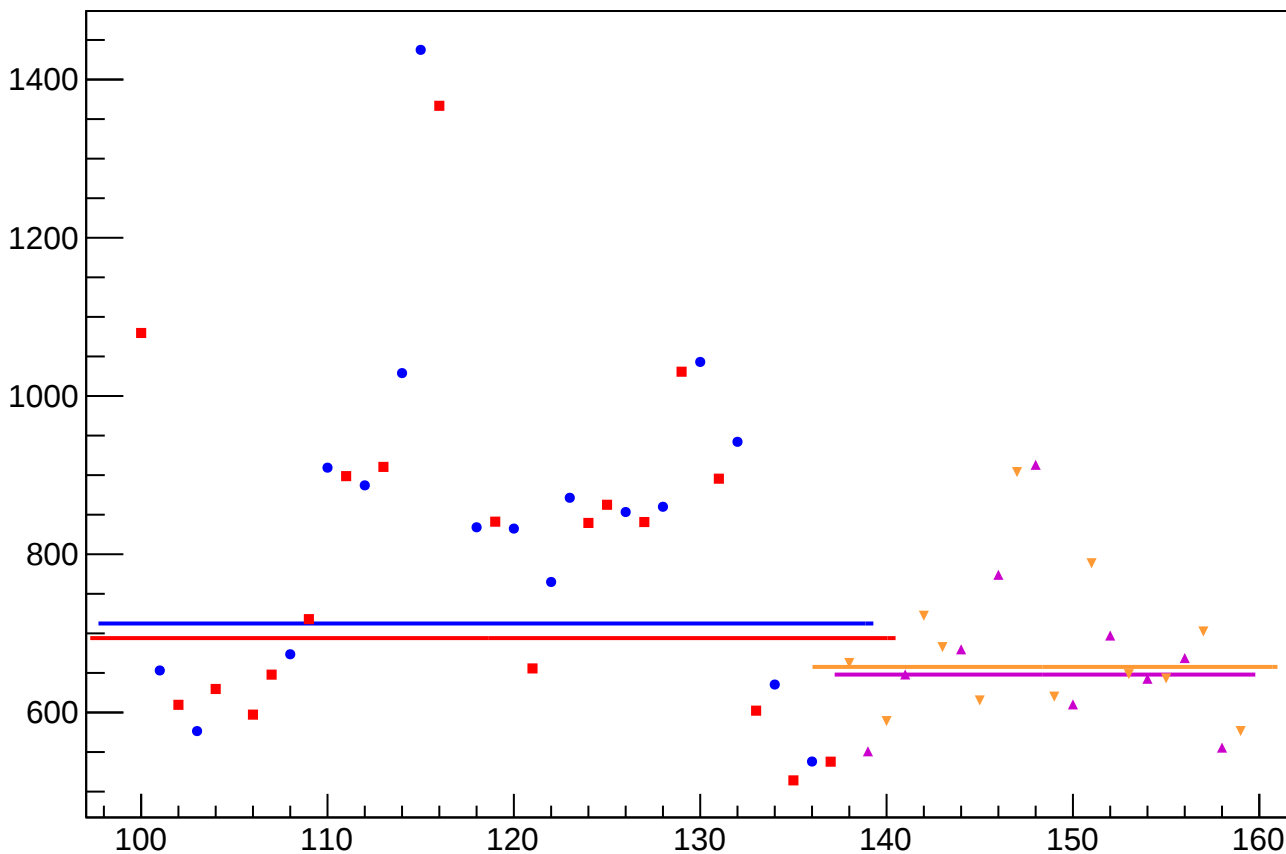
Right: -340.578 $\pm$ 194.106 χ^2/NDF : 35.1/35

In: -288.575 $\pm$ 177.531 χ^2/NDF : 32.9/26

Out: -4.529 $\pm$ 170.076 χ^2/NDF : 35.2/30

All: -140.463 $\pm$ 122.813 χ^2/NDF : 69.4/57

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 657.600+/-0.156 χ^2/NDF : 240302.9/11

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 647.912+/-0.162 χ^2/NDF : 288866.4/9

Left: 652.929+/-0.112 χ^2/NDF : 531032.9/21

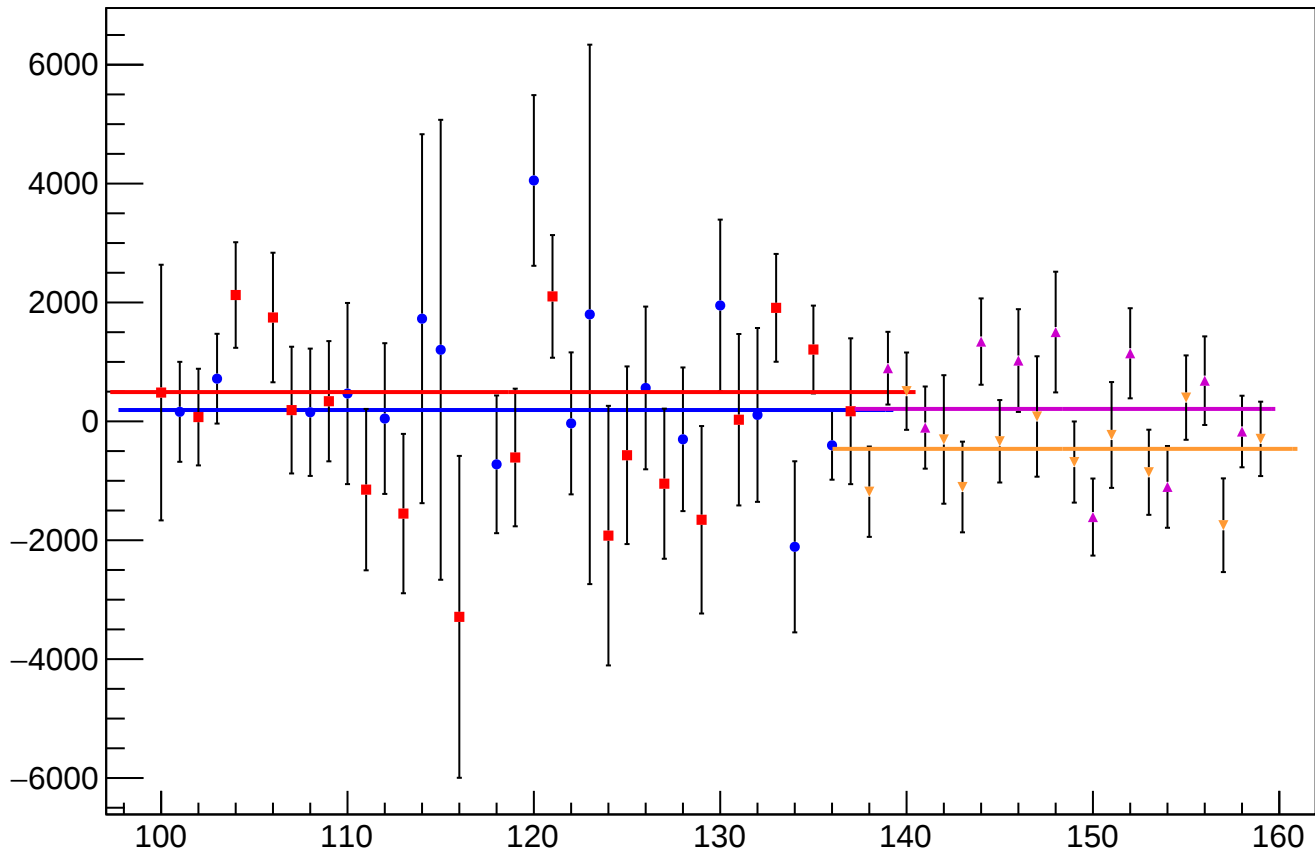
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 673.468+/-0.126 χ^2/NDF : 1012647.2/26

Out: 672.328+/-0.120 χ^2/NDF : 937375.9/30

All: 672.873+/-0.087 χ^2/NDF : 1950066.1/57

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -462.681 $\pm$ 217.038 χ^2 /NDF:8.9/11

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 209.205 $\pm$ 224.945 χ^2 /NDF:20.2/9

Left: -138.755 $\pm$ 156.189 χ^2 /NDF: 33.7/21

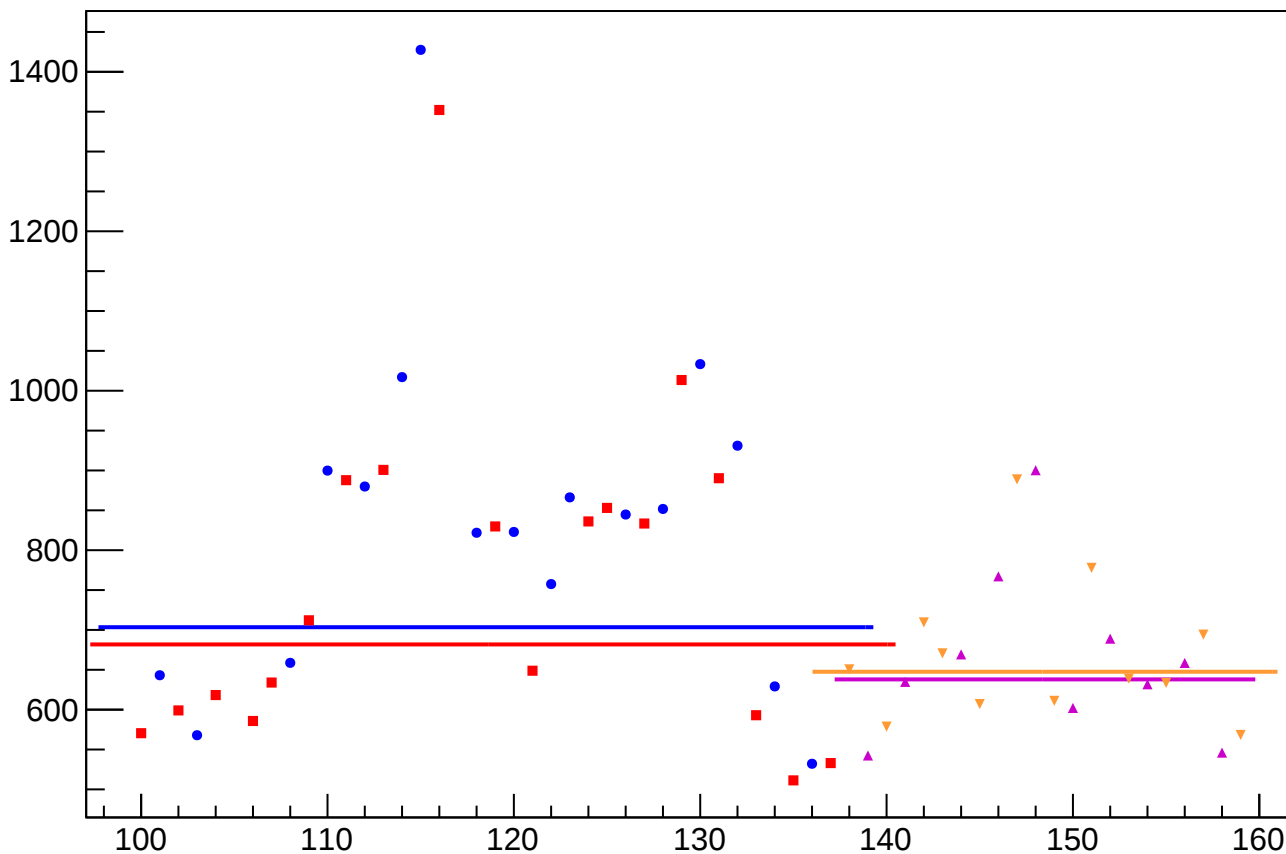
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 201.975 $\pm$ 175.035 χ^2 /NDF:34.4/26

Out: -75.035 $\pm$ 167.307 χ^2 /NDF:39.5/30

All: 57.220 $\pm$ 120.944 χ^2 /NDF: 75.3/57

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 647.544 $\pm$ 0.153 χ^2 /NDF:239840.8/11

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 637.945 $\pm$ 0.159 χ^2 /NDF:294130.3/9

Left: 642.916 $\pm$ 0.110 χ^2 /NDF: 535857.1/21

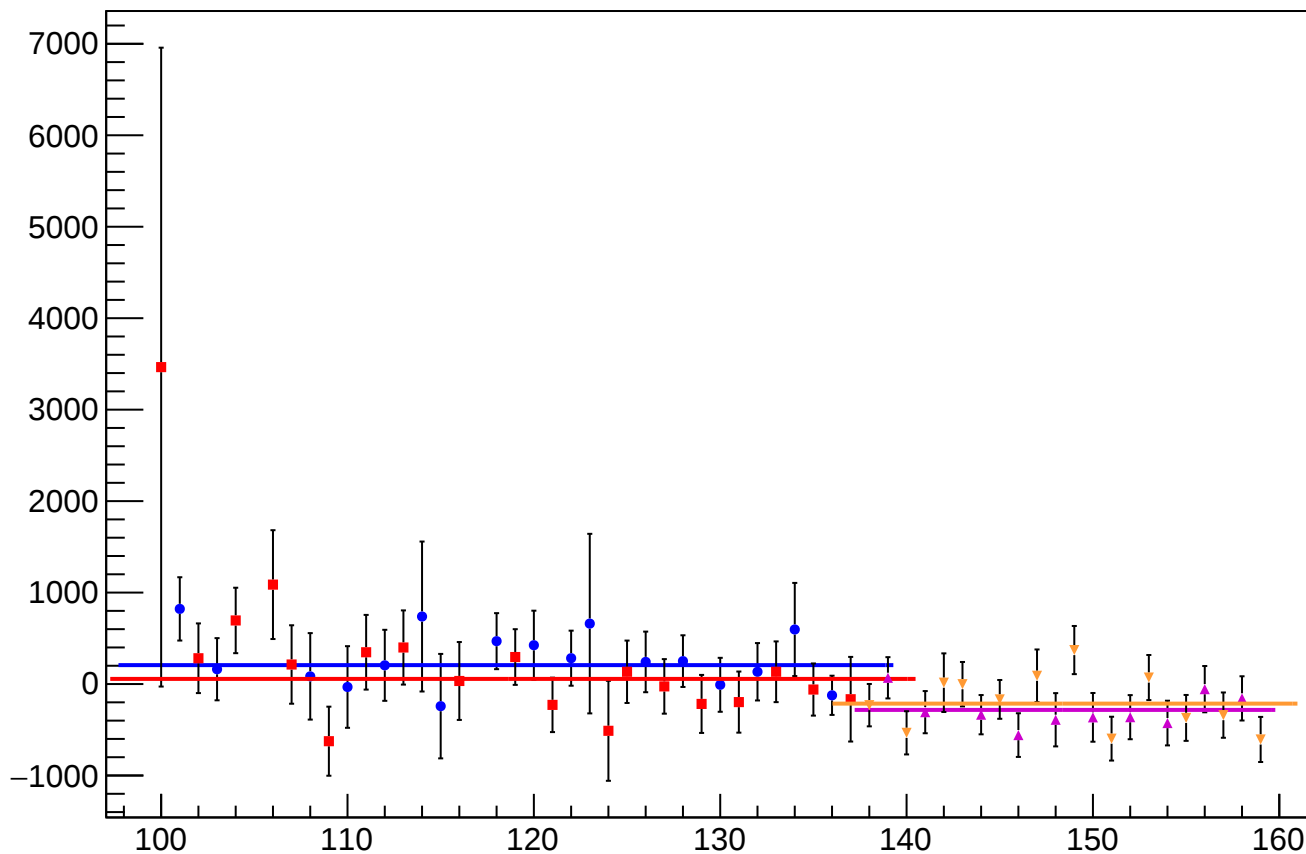
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 663.771 $\pm$ 0.124 χ^2 /NDF:1027837.5/26

Out: 661.447 $\pm$ 0.118 χ^2 /NDF:924863.6/30

All: 662.556 $\pm$ 0.086 χ^2 /NDF: 1952885.4/57

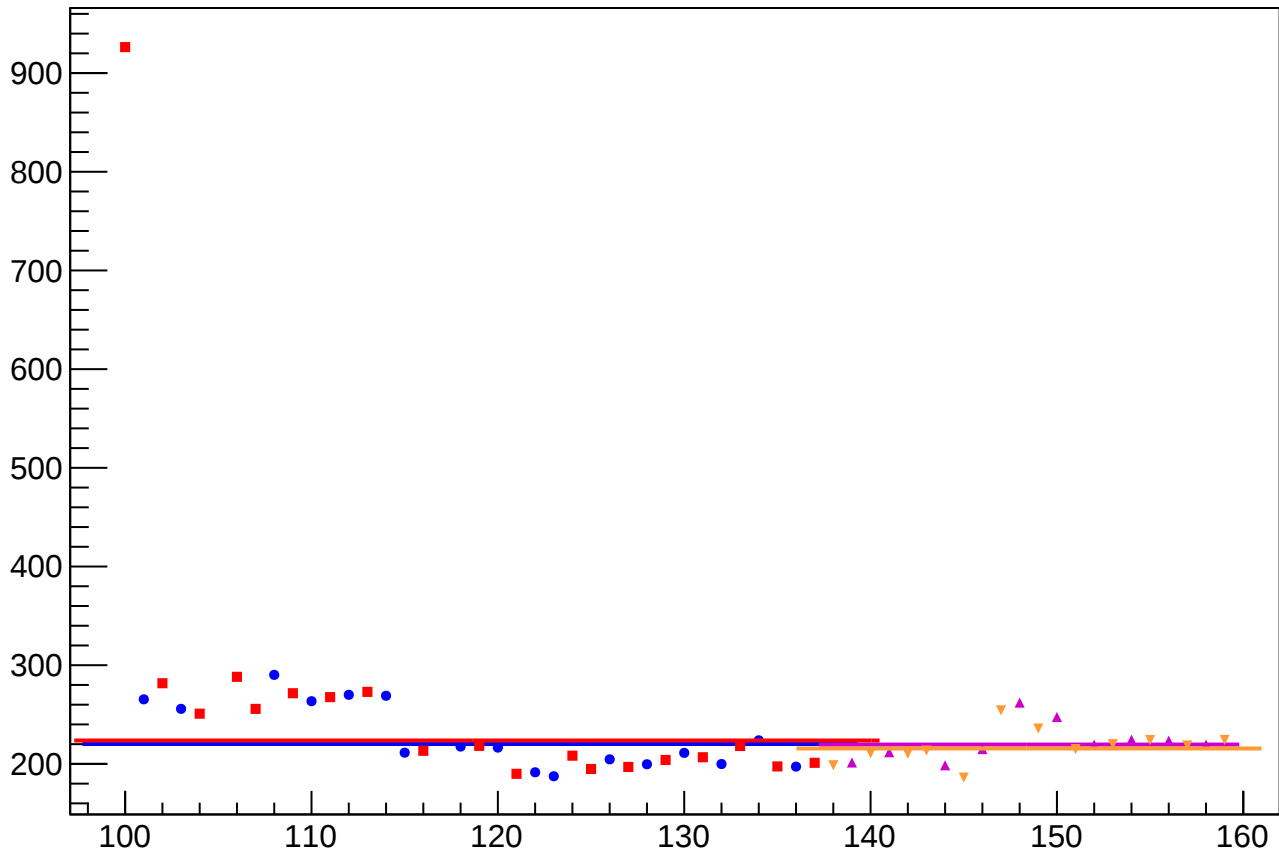
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16
 Left Out: -214.061 ± 71.704 χ^2/NDF : 16.3/11
 Right Out: 56.213 ± 85.167 χ^2/NDF : 16.6/18
 Left In: -282.886 ± 76.642 χ^2/NDF : 5.6/9

Left: -246.185 ± 52.361 χ^2/NDF : 22.3/21
 Right: 131.133 ± 60.386 χ^2/NDF : 27.7/35
 In: -65.055 ± 57.109 χ^2/NDF : 33.2/26
 Out: -101.950 ± 54.852 χ^2/NDF : 38.8/30
 All: -84.246 ± 39.560 χ^2/NDF : 72.3/57

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 215.607 $\pm$ 0.051 χ^2 /NDF: 104712.7/11

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 219.607 $\pm$ 0.054 χ^2 /NDF: 101091.7/9

Left: 217.474 $\pm$ 0.037 χ^2 /NDF: 208710.7/21

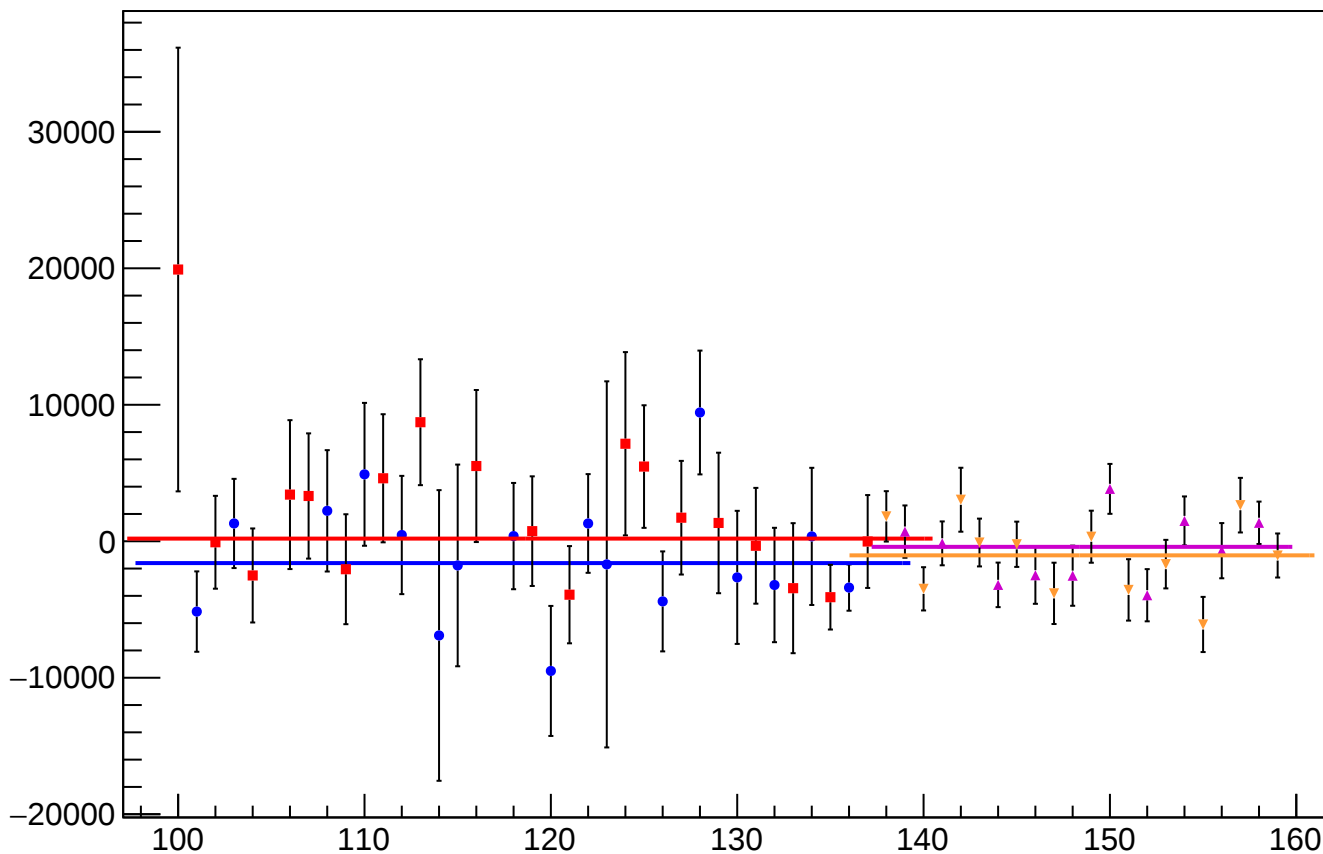
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.841 $\pm$ 0.040 χ^2 /NDF: 329577.5/26

Out: 218.966 $\pm$ 0.039 χ^2 /NDF: 468538.8/30

All: 219.386 $\pm$ 0.028 χ^2 /NDF: 798360.5/57

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: -1032.221 $\pm$ 539.989 χ^2 /NDF:21.4/11

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -409.134 $\pm$ 576.247 χ^2 /NDF:16.4/9

Left: -740.895 $\pm$ 394.025 χ^2 /NDF: 38.5/21

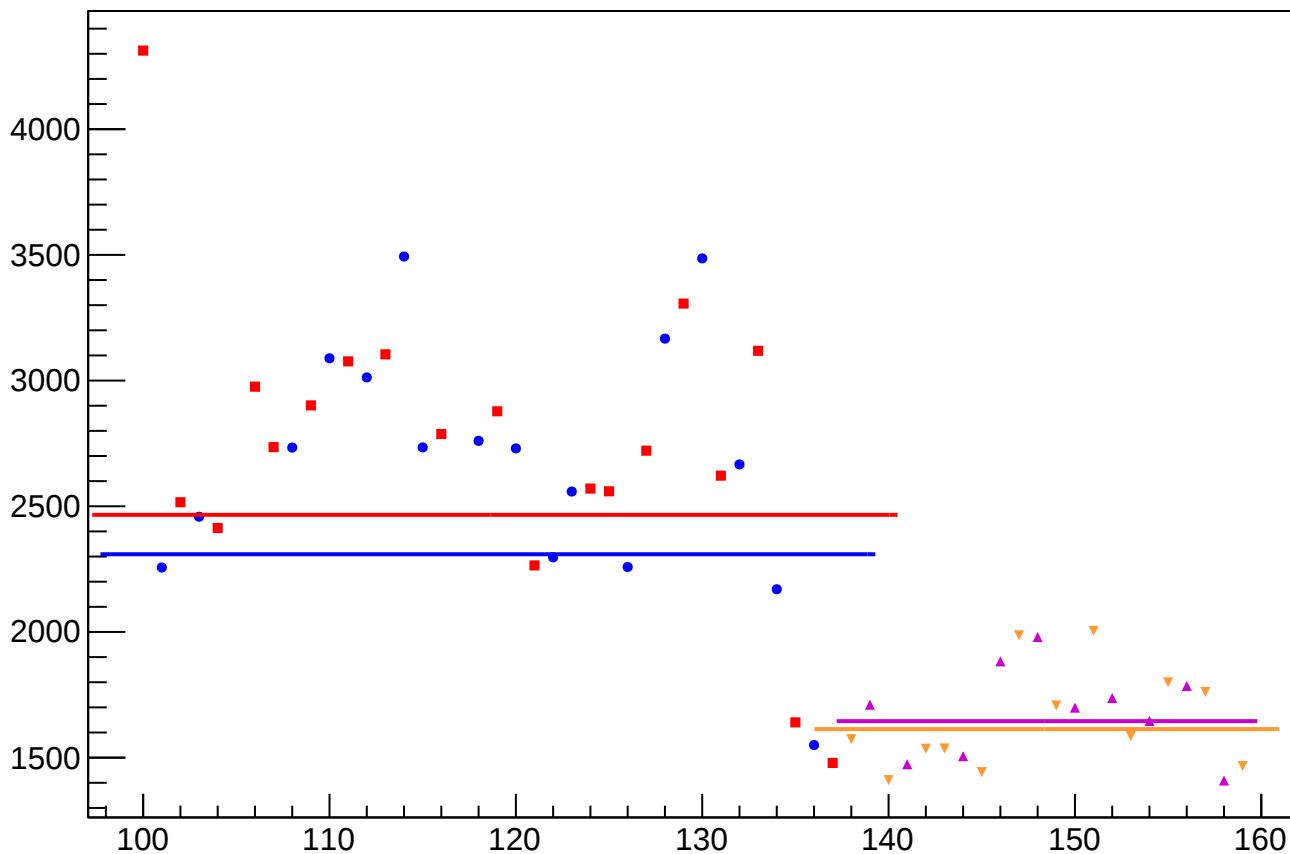
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -743.876 $\pm$ 488.514 χ^2 /NDF:34.3/26

Out: -731.345 $\pm$ 469.146 χ^2 /NDF:39.0/30

All: -737.357 $\pm$ 338.376 χ^2 /NDF: 73.3/57

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1613.608 $\pm$ 0.382 χ^2/NDF : 226497.7/11

Right Out: 2465.900 $\pm$ 0.670 χ^2/NDF : 694086.3/18

Left In: 1645.287 $\pm$ 0.407 χ^2/NDF : 173923.9/9

Left: 1628.420 $\pm$ 0.279 χ^2/NDF : 403640.0/21

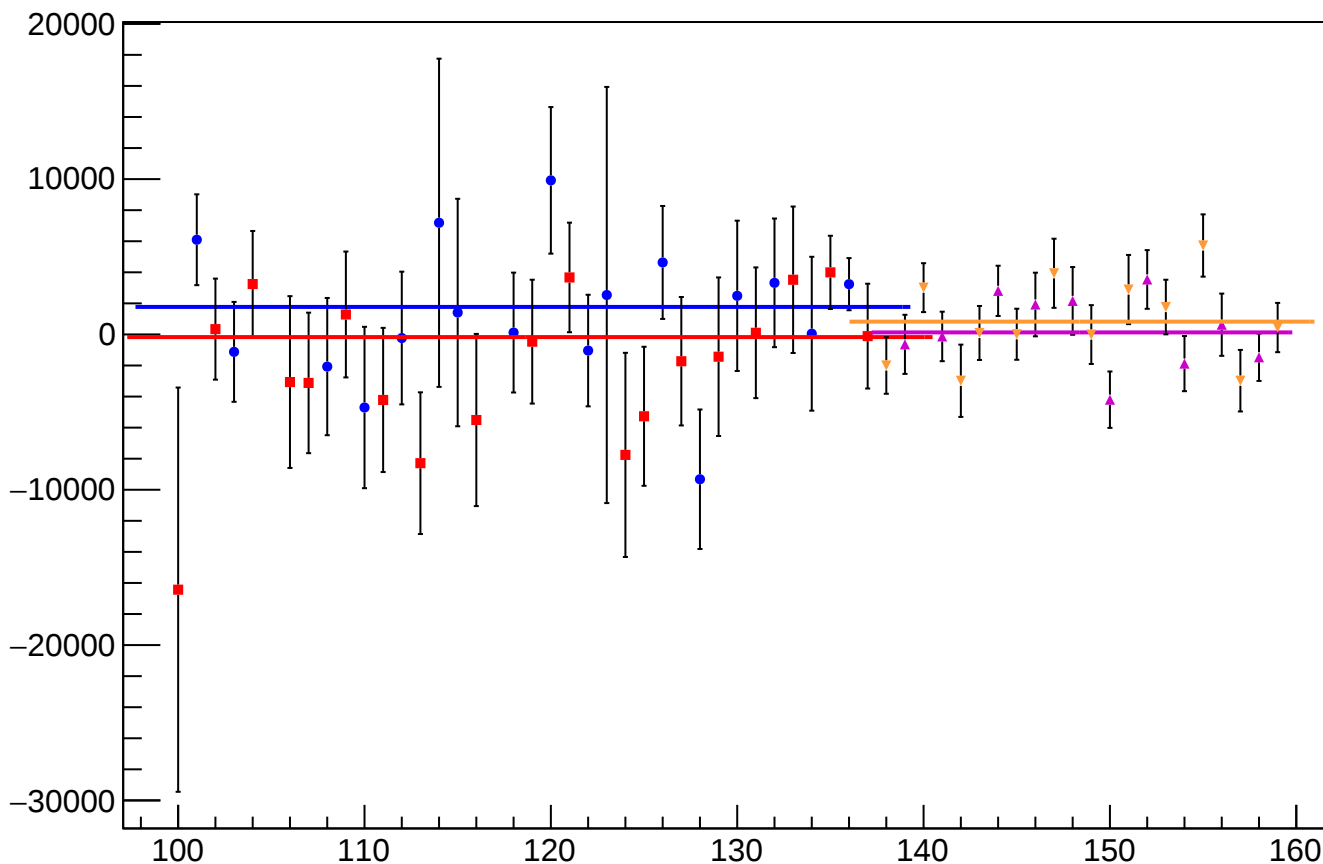
Right: 2385.298 $\pm$ 0.467 χ^2/NDF : 1522965.3/35

In: 1832.038 $\pm$ 0.345 χ^2/NDF : 1721343.6/26

Out: 1822.568 $\pm$ 0.332 χ^2/NDF : 2142137.3/30

All: 1827.112 $\pm$ 0.239 χ^2/NDF : 3863871.8/57

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 824.496+/-534.690 χ^2/NDF : 20.4/11

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 130.480+/-569.585 χ^2/NDF : 16.0/9

Left: 499.397+/-389.836 χ^2/NDF : 37.2/21

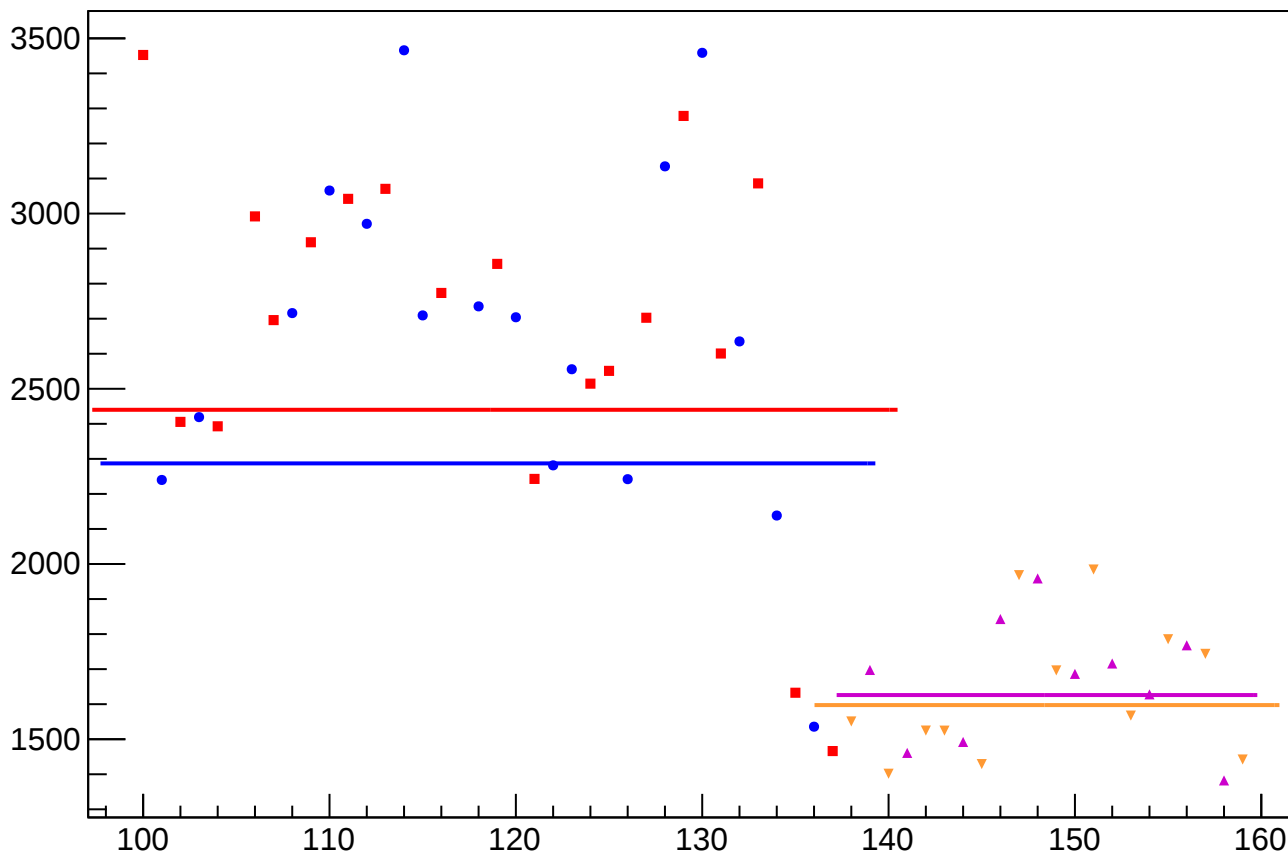
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 590.657+/-483.154 χ^2/NDF : 35.6/26

Out: 580.146+/-464.448 χ^2/NDF : 37.3/30

All: 585.194+/-334.832 χ^2/NDF : 73.0/57

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1597.413+/-0.378 χ^2/NDF : 228234.9/11

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1626.031+/-0.403 χ^2/NDF : 174975.4/9

Left: 1610.819+/-0.276 χ^2/NDF : 405894.1/21

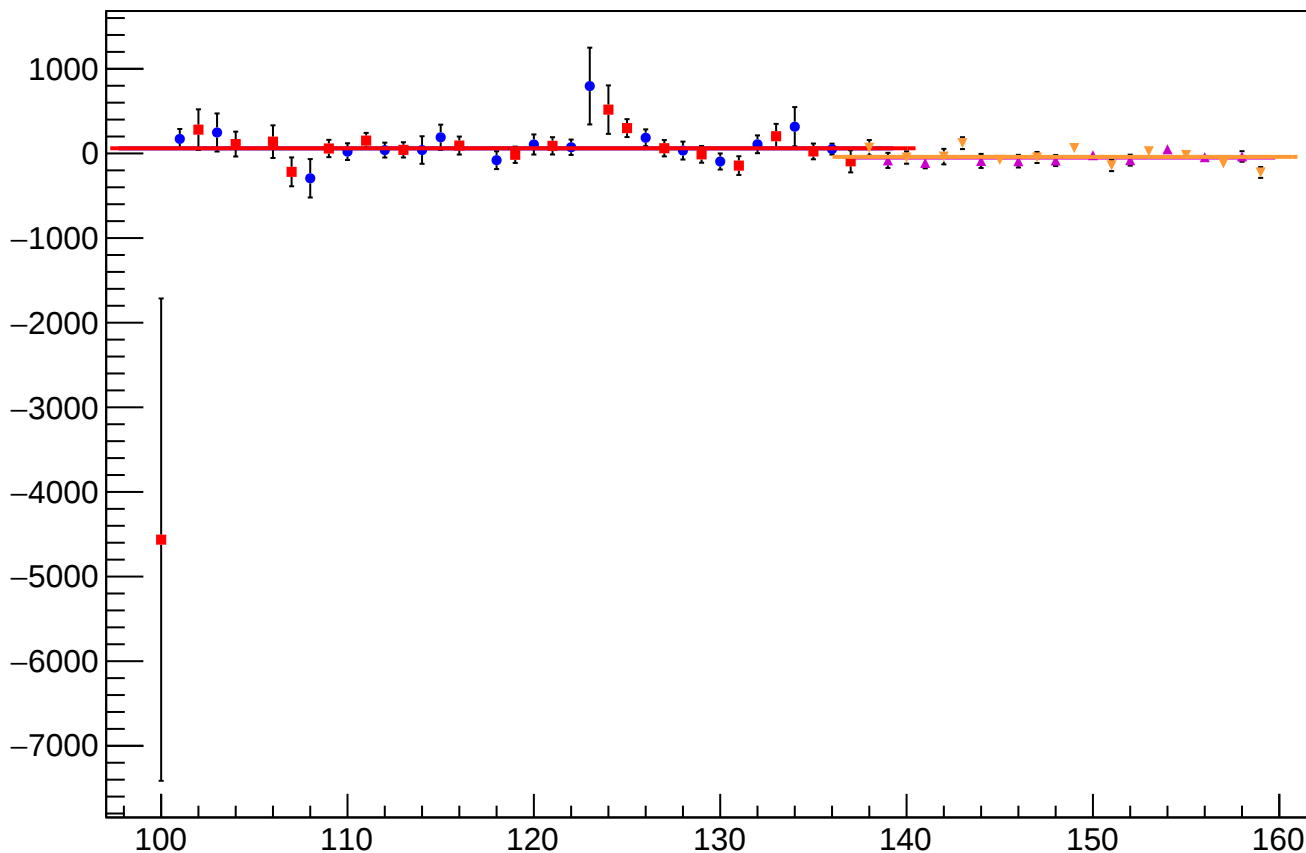
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1811.434+/-0.342 χ^2/NDF : 1729952.6/26

Out: 1804.267+/-0.328 χ^2/NDF : 2126725.9/30

All: 1807.709+/-0.237 χ^2/NDF : 3856907.2/57

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -40.689 ± 18.789 $\chi^2/\text{NDF}: 24.0/11$

Right Out: 60.983 ± 27.009 $\chi^2/\text{NDF}: 22.3/18$

Left In: -48.948 ± 20.551 $\chi^2/\text{NDF}: 5.8/9$

Left: -44.449 ± 13.867 $\chi^2/\text{NDF}: 29.9/21$

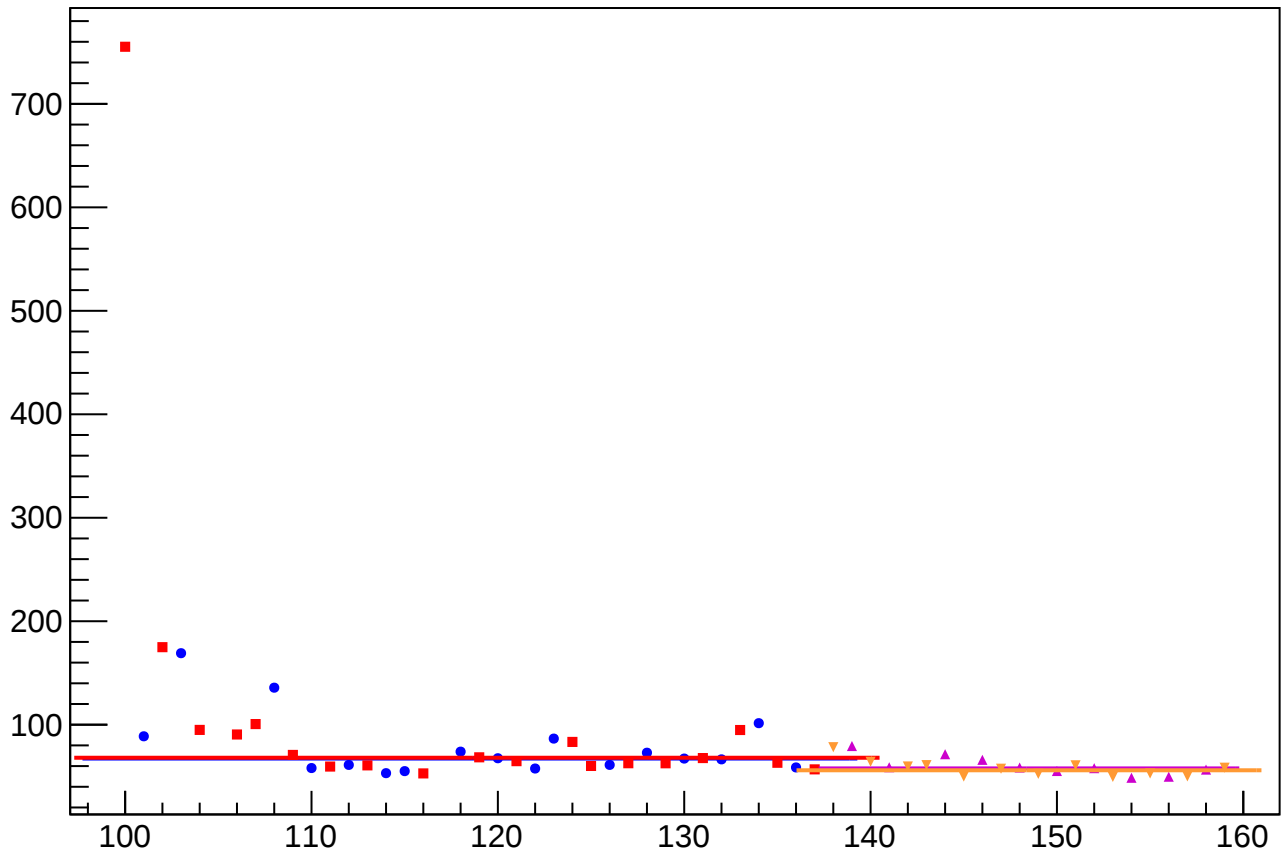
Right: 60.322 ± 19.123 $\chi^2/\text{NDF}: 37.7/35$

In: -9.258 ± 16.370 $\chi^2/\text{NDF}: 31.4/26$

Out: -7.533 ± 15.424 $\chi^2/\text{NDF}: 55.9/30$

All: -8.344 ± 11.226 $\chi^2/\text{NDF}: 87.2/57$

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2/NDF : 841352.2/16

Left Out: 55.946 $\pm$ 0.013 χ^2/NDF : 254104.7/11

Right Out: 68.060 $\pm$ 0.019 χ^2/NDF : 870616.5/18

Left In: 57.754 $\pm$ 0.015 χ^2/NDF : 300043.1/9

Left: 56.769 $\pm$ 0.010 χ^2/NDF : 562575.5/21

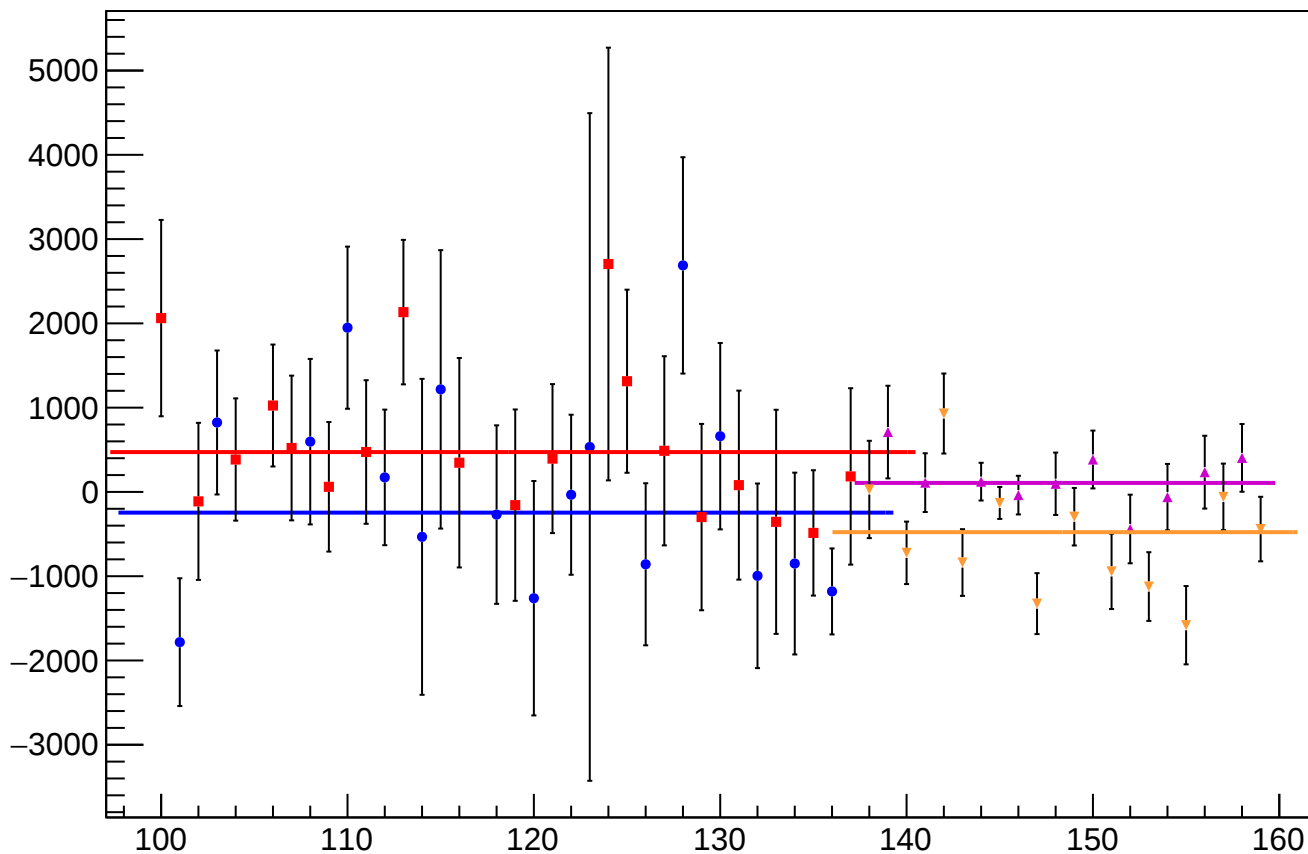
Right: 67.679 $\pm$ 0.014 χ^2/NDF : 1712764.6/35

In: 61.241 $\pm$ 0.012 χ^2/NDF : 1299012.6/26

Out: 59.897 $\pm$ 0.011 χ^2/NDF : 1395834.4/30

All: 60.529 $\pm$ 0.008 χ^2/NDF : 2701996.0/57

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: -477.247 $\pm$ 103.141 χ^2/NDF : 30.3/11

Right Out: 472.860 $\pm$ 218.823 χ^2/NDF : 11.3/18

Left In: 106.969 $\pm$ 105.215 χ^2/NDF : 4.9/9

Left: -190.956 $\pm$ 73.654 χ^2/NDF : 50.9/21

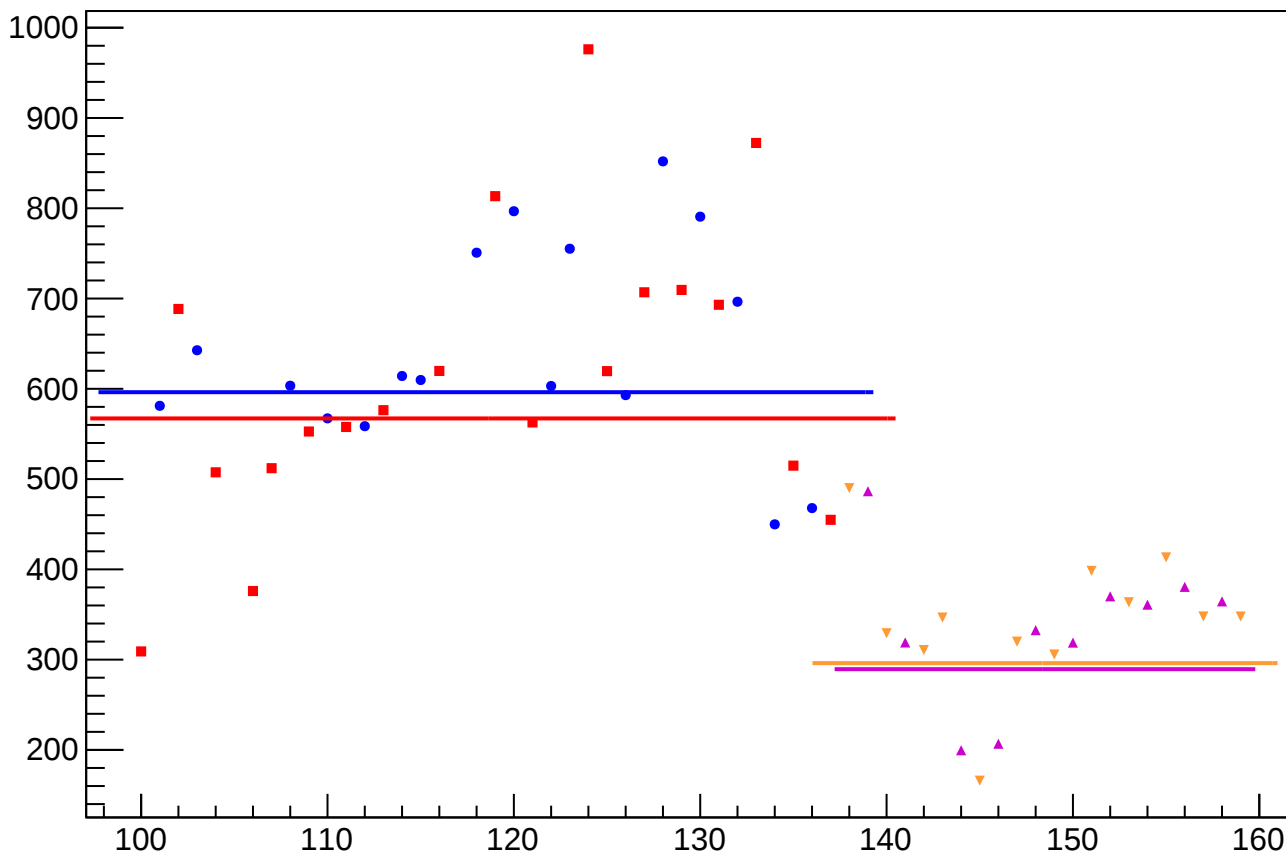
Right: 139.807 $\pm$ 160.273 χ^2/NDF : 40.1/35

In: 48.258 $\pm$ 96.057 χ^2/NDF : 30.5/26

Out: -304.537 $\pm$ 93.297 χ^2/NDF : 57.1/30

All: -133.282 $\pm$ 66.925 χ^2/NDF : 94.5/57

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 296.138+/-0.073 χ^2/NDF :1584878.4/11

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 289.431+/-0.074 χ^2/NDF :1198300.3/9

Left: 292.851+/-0.052 χ^2/NDF : 2787323.7/21

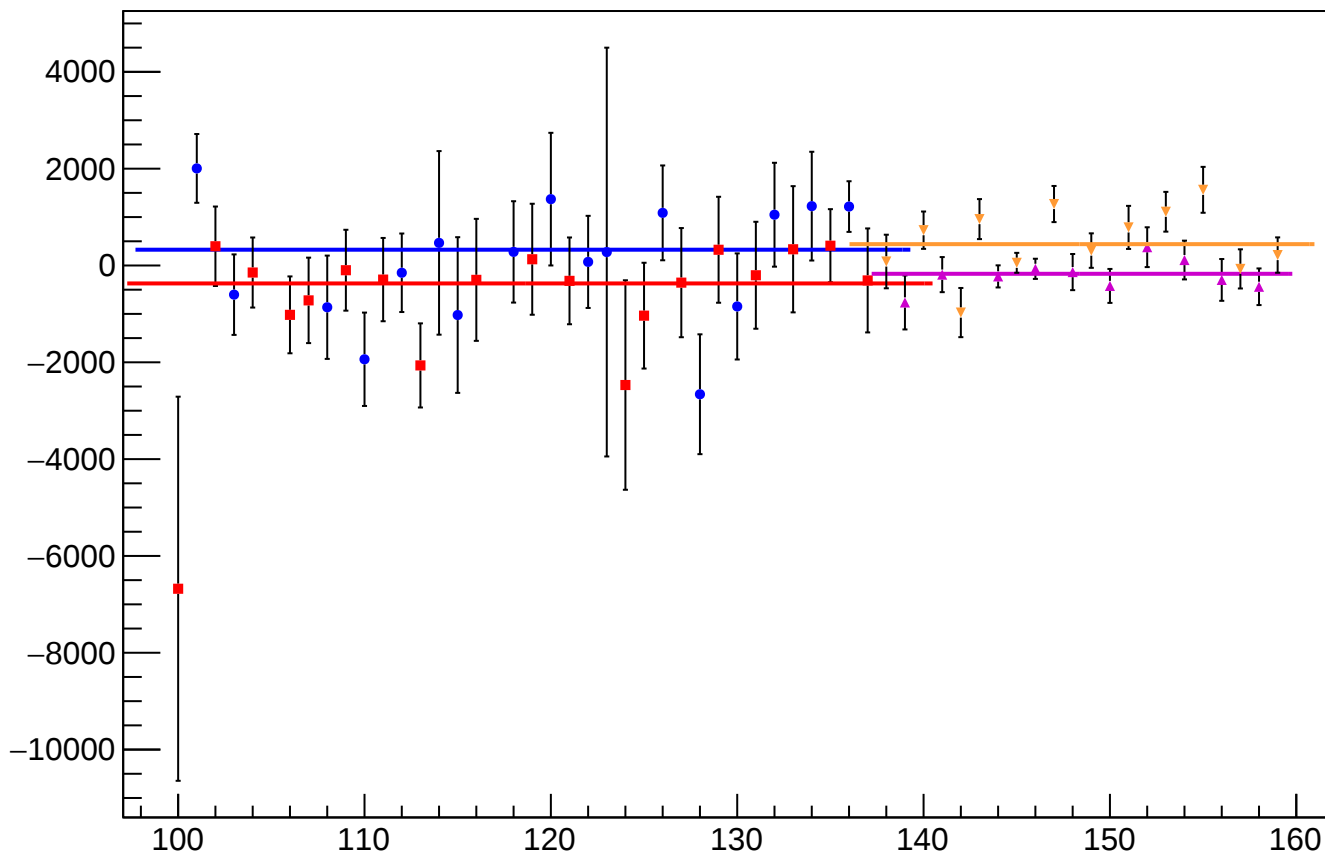
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 340.517+/-0.068 χ^2/NDF :4452220.3/26

Out: 345.407+/-0.066 χ^2/NDF :4770863.3/30

All: 343.034+/-0.047 χ^2/NDF : 9225750.5/57

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 440.792 $\pm$ 106.935 χ^2/NDF : 29.7/11

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -171.576 $\pm$ 103.774 χ^2/NDF : 4.8/9

Left: 125.423 $\pm$ 74.471 χ^2/NDF : 51.4/21

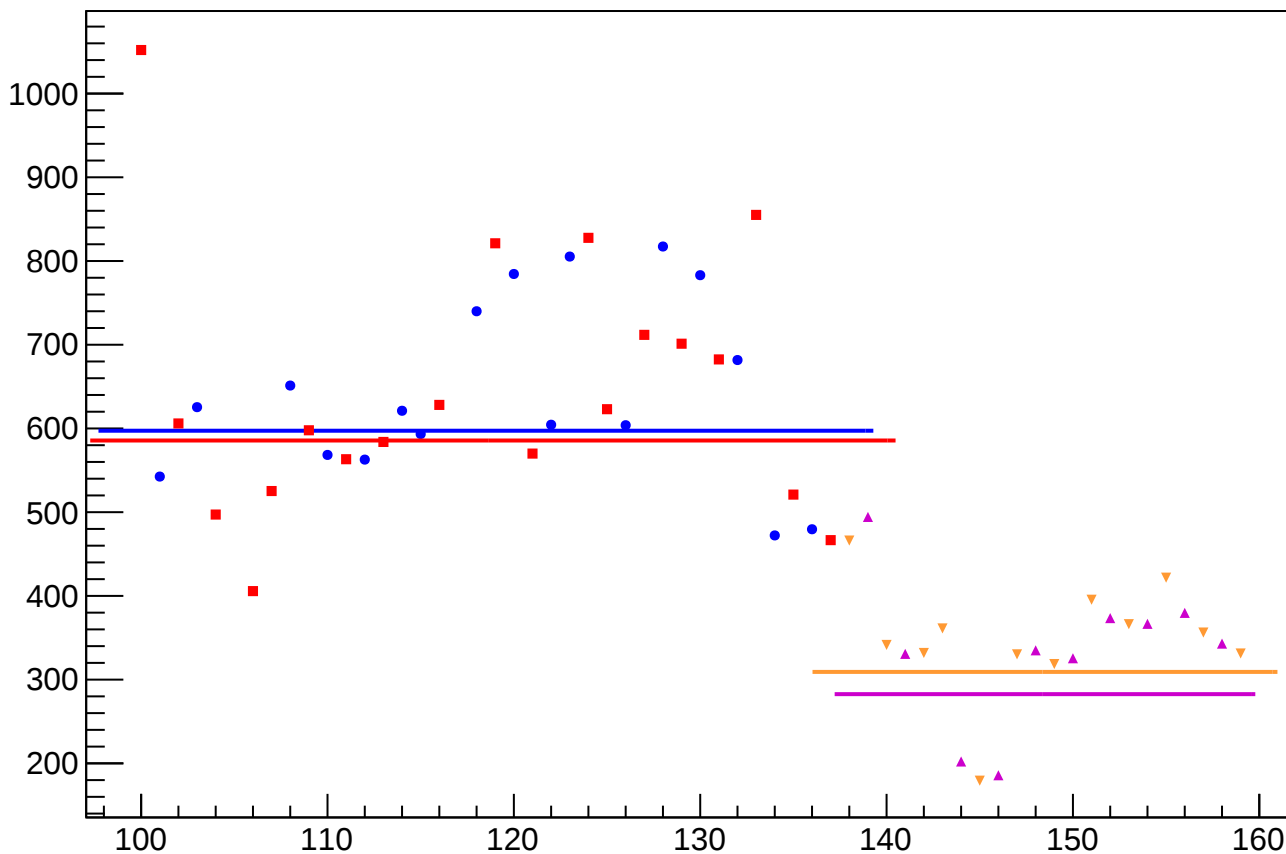
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: -90.714 $\pm$ 94.969 χ^2/NDF : 35.4/26

Out: 291.148 $\pm$ 96.573 χ^2/NDF : 51.9/30

All: 97.019 $\pm$ 67.713 χ^2/NDF : 95.2/57

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 309.227 $\pm$ 0.076 χ^2/NDF :1276496.4/11

Right Out: 585.615 $\pm$ 0.159 χ^2/NDF : 474610.2/18

Left In: 282.658 $\pm$ 0.073 χ^2/NDF :1410919.6/9

Left: 295.544 $\pm$ 0.053 χ^2/NDF : 2751000.2/21

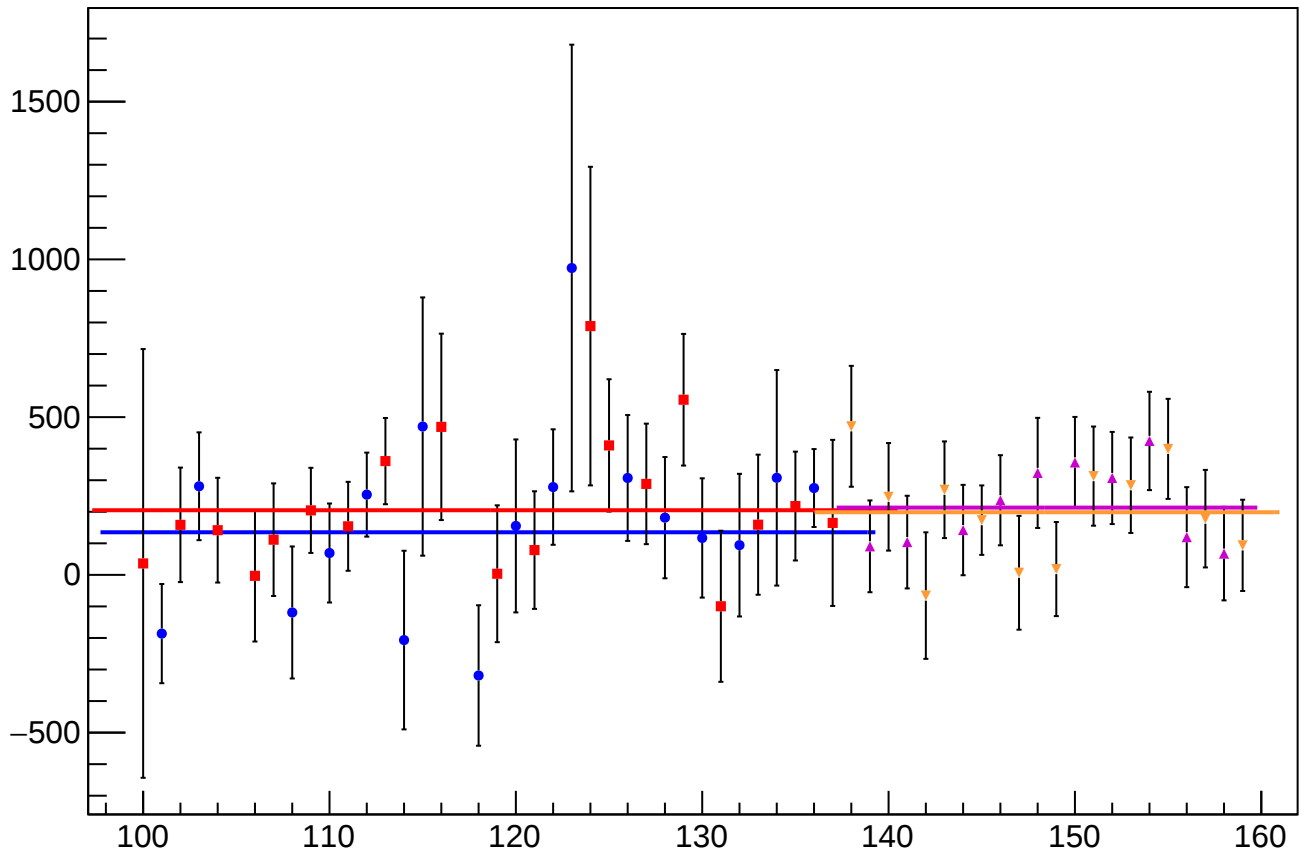
Right: 591.185 $\pm$ 0.115 χ^2/NDF : 840841.8/35

In: 333.782 $\pm$ 0.067 χ^2/NDF :4762039.9/26

Out: 360.193 $\pm$ 0.068 χ^2/NDF :4214868.2/30

All: 346.767 $\pm$ 0.048 χ^2/NDF : 9052951.3/57

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: 198.535 $\pm$ 44.677 χ^2 /NDF:9.7/11

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 213.248 $\pm$ 47.370 χ^2 /NDF:6.5/9

Left: 205.461 $\pm$ 32.502 χ^2 /NDF: 16.2/21

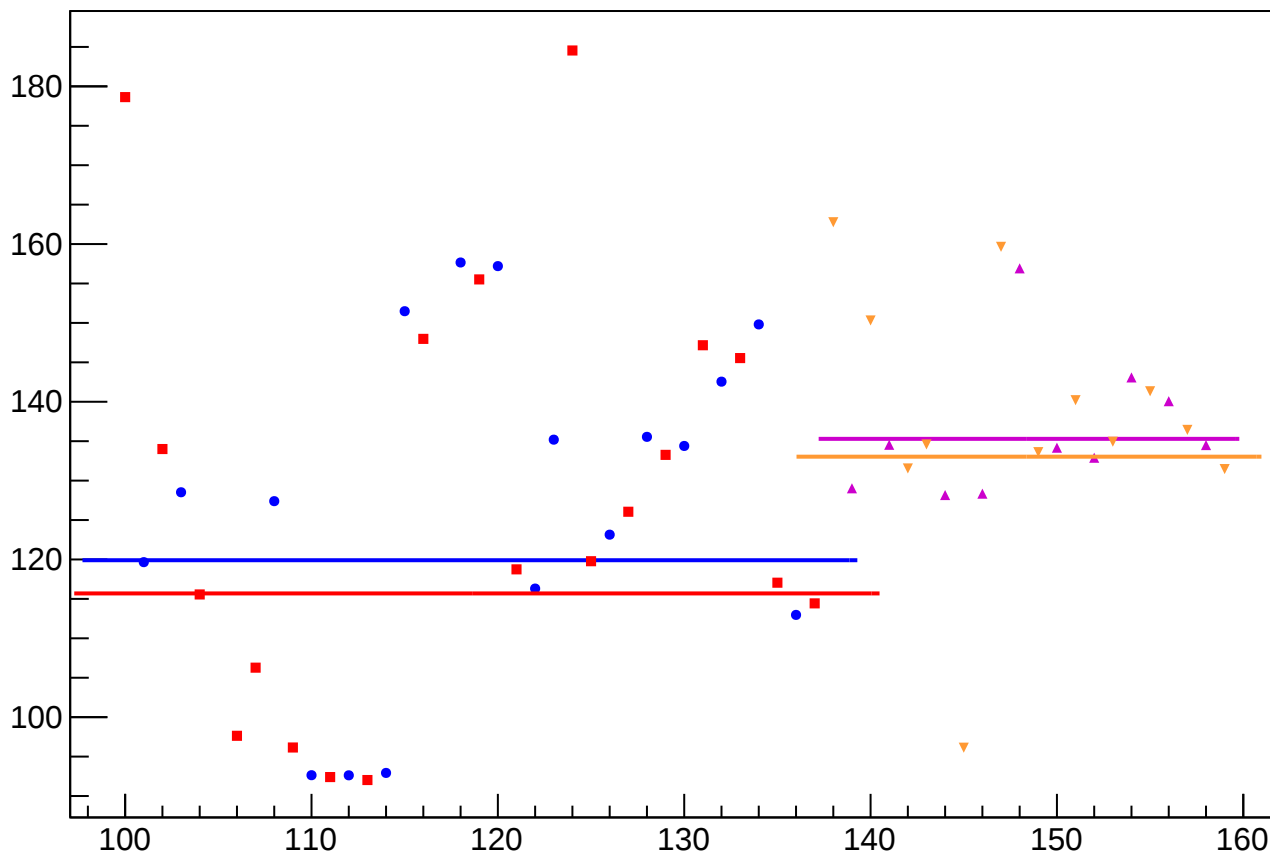
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 173.852 $\pm$ 33.373 χ^2 /NDF:25.9/26

Out: 201.717 $\pm$ 31.508 χ^2 /NDF:21.8/30

All: 188.585 $\pm$ 22.910 χ^2 /NDF: 48.1/57

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: 133.036 $\pm$ 0.032 χ^2/NDF : 348569.9/11

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 135.296 $\pm$ 0.033 χ^2/NDF : 51689.6/9

Left: 134.100 $\pm$ 0.023 χ^2/NDF : 402670.1/21

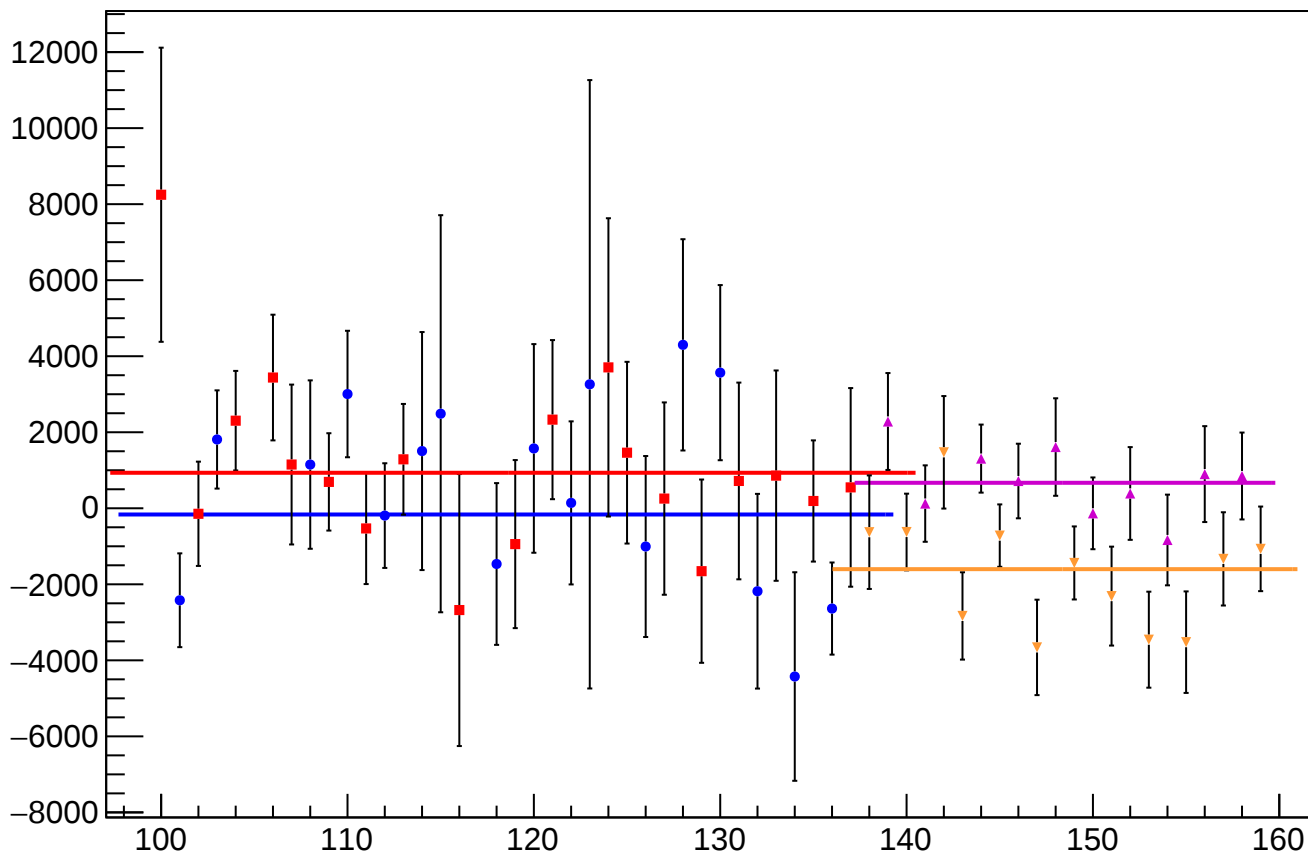
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 127.544 $\pm$ 0.024 χ^2/NDF : 503565.2/26

Out: 124.318 $\pm$ 0.022 χ^2/NDF : 935394.8/30

All: 125.838 $\pm$ 0.016 χ^2/NDF : 1448838.8/57

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: -1601.535 $\pm$ 331.505 χ^2 /NDF:15.5/11

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 670.291 $\pm$ 345.221 χ^2 /NDF:5.4/9

Left: -511.648 $\pm$ 239.112 χ^2 /NDF: 43.4/21

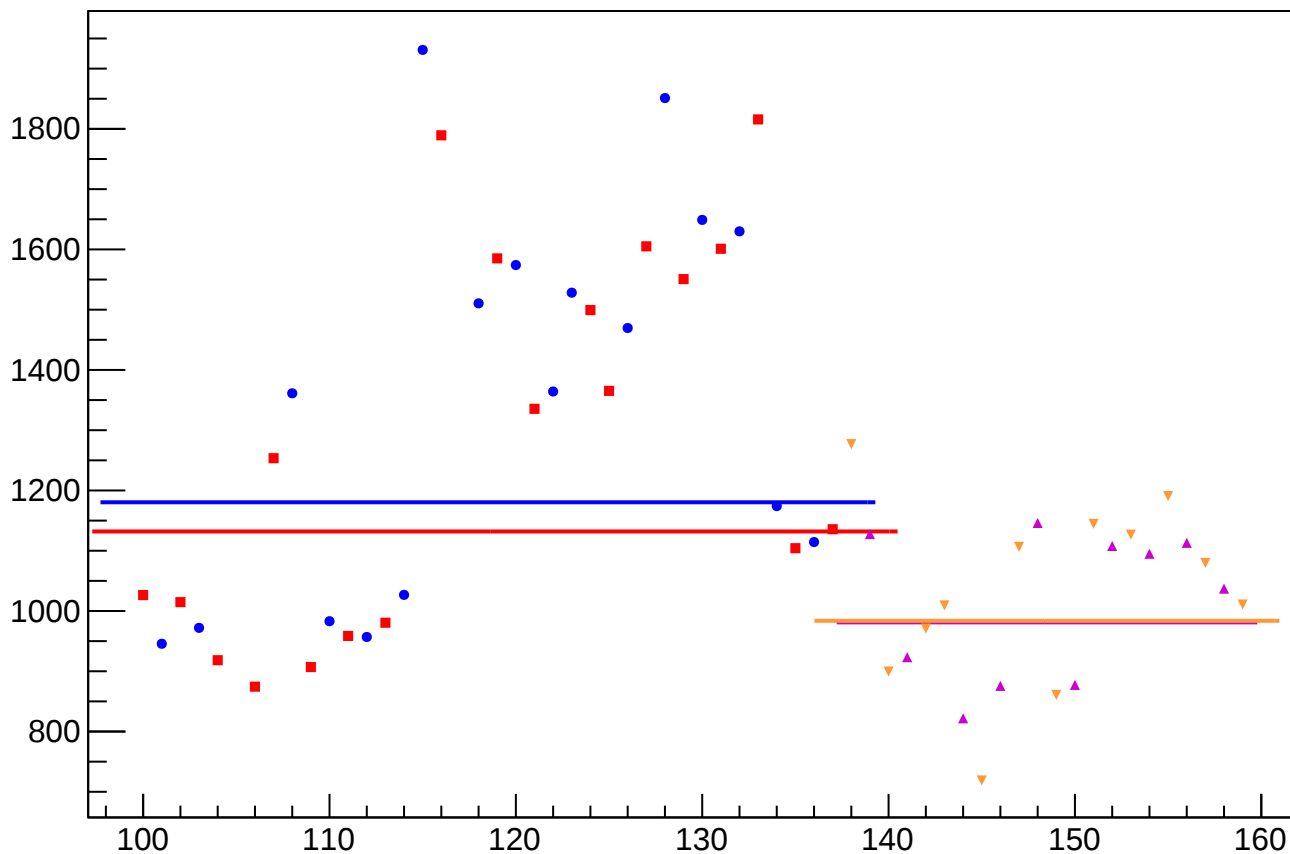
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 377.751 $\pm$ 278.147 χ^2 /NDF:31.1/26

Out: -677.134 $\pm$ 264.254 χ^2 /NDF:49.7/30

All: -176.693 $\pm$ 191.579 χ^2 /NDF: 88.4/57

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 983.740 $\pm$ 0.234 χ^2/NDF : 470257.6/11

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 981.119 $\pm$ 0.244 χ^2/NDF : 243177.5/9

Left: 982.483 $\pm$ 0.169 χ^2/NDF : 713495.2/21

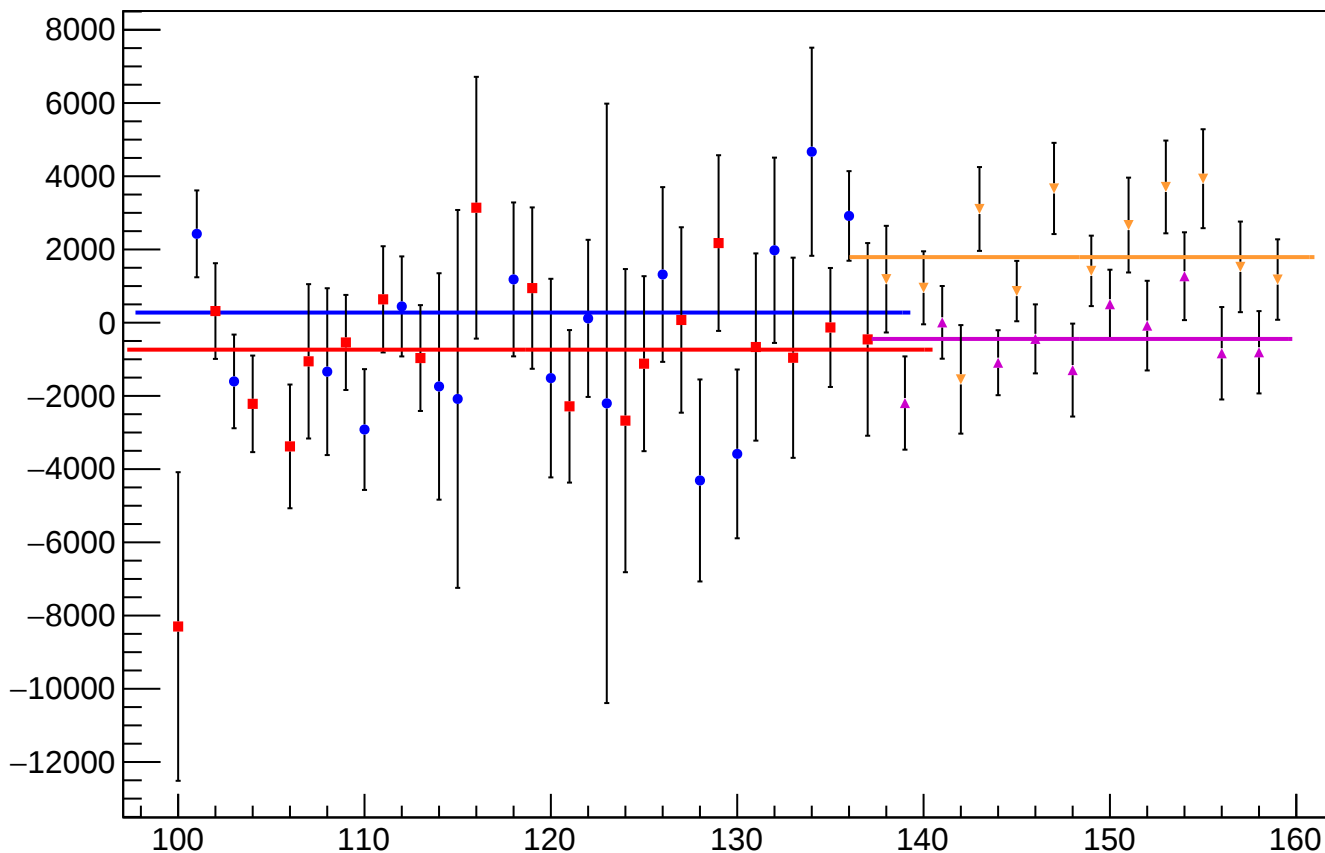
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1051.035 $\pm$ 0.197 χ^2/NDF : 1145846.3/26

Out: 1037.785 $\pm$ 0.187 χ^2/NDF : 1377962.5/30

All: 1044.071 $\pm$ 0.135 χ^2/NDF : 2526194.3/57

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1791.094 $\pm$ 330.792 χ^2 /NDF:16.6/11

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -444.079 $\pm$ 341.934 χ^2 /NDF:6.4/9

Left: 710.516 $\pm$ 237.746 χ^2 /NDF: 45.1/21

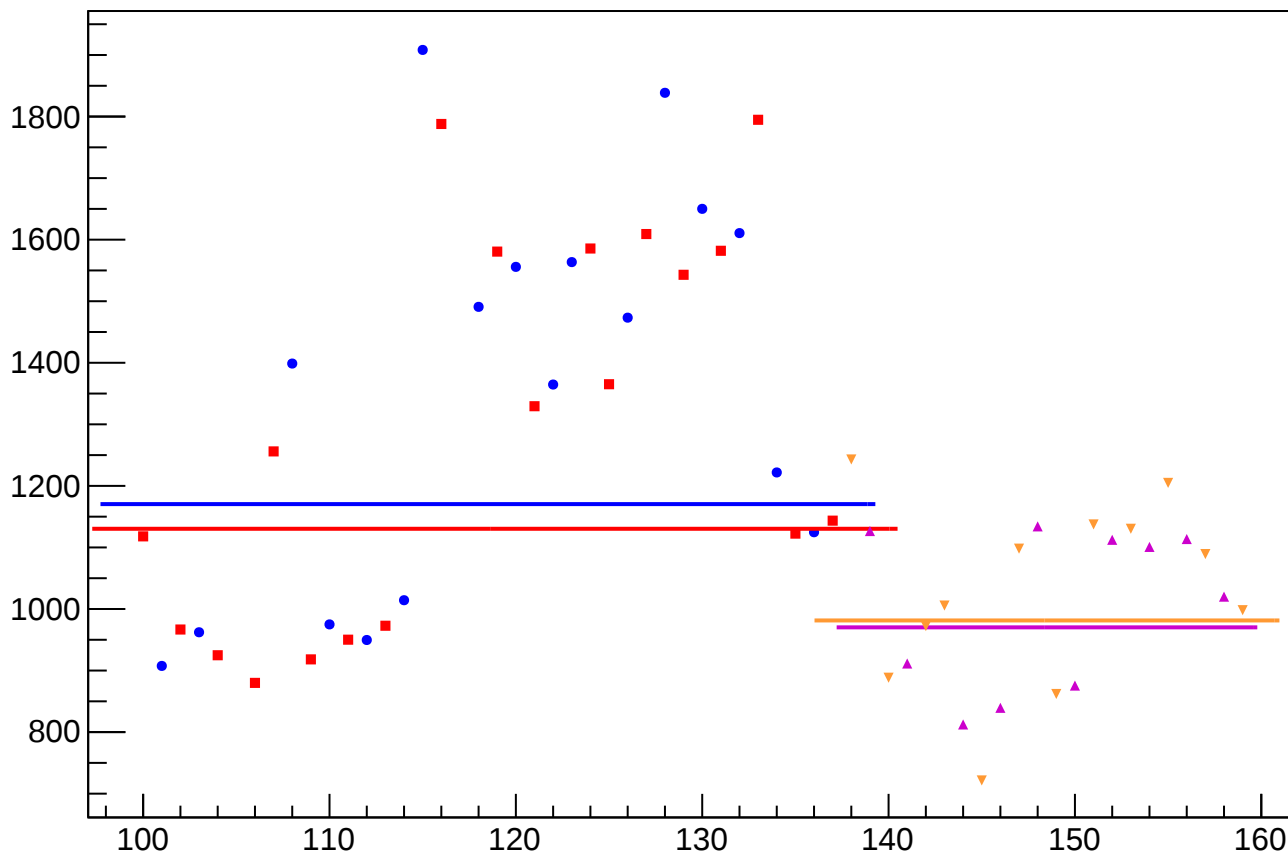
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -192.218 $\pm$ 275.768 χ^2 /NDF:32.3/26

Out: 871.482 $\pm$ 263.848 χ^2 /NDF:50.6/30

All: 363.118 $\pm$ 190.644 χ^2 /NDF: 90.7/57

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 981.394 $\pm$ 0.234 χ^2/NDF : 457044.8/11

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 970.168 $\pm$ 0.242 χ^2/NDF : 272867.8/9

Left: 975.967 $\pm$ 0.168 χ^2/NDF : 731026.1/21

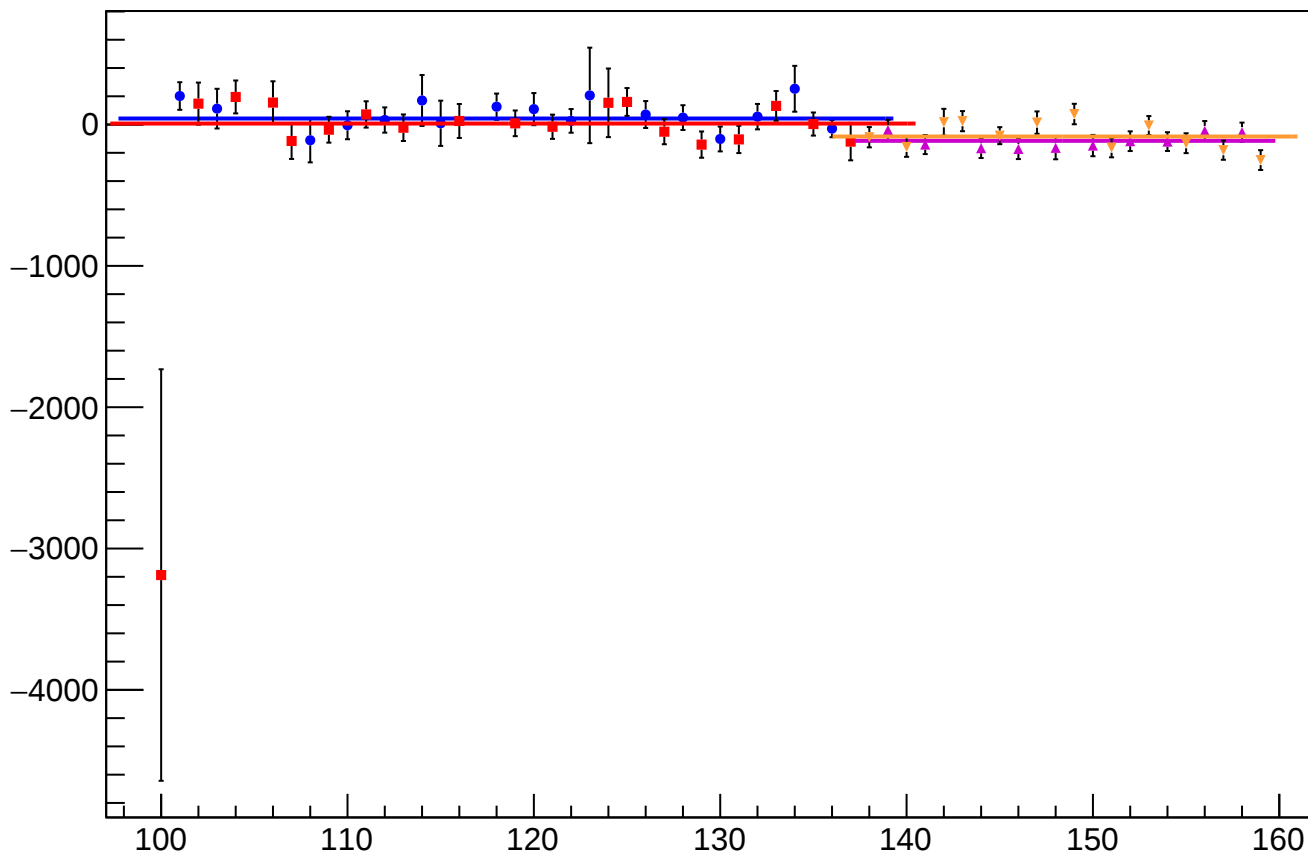
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1040.163 $\pm$ 0.195 χ^2/NDF : 1218104.7/26

Out: 1035.573 $\pm$ 0.187 χ^2/NDF : 1367568.6/30

All: 1037.767 $\pm$ 0.135 χ^2/NDF : 2585962.6/57

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: -84.595 ± 20.435 $\chi^2/\text{NDF}: 21.8/11$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -115.204 ± 22.362 $\chi^2/\text{NDF}: 4.9/9$

Left: -98.524 ± 15.085 $\chi^2/\text{NDF}: 27.7/21$

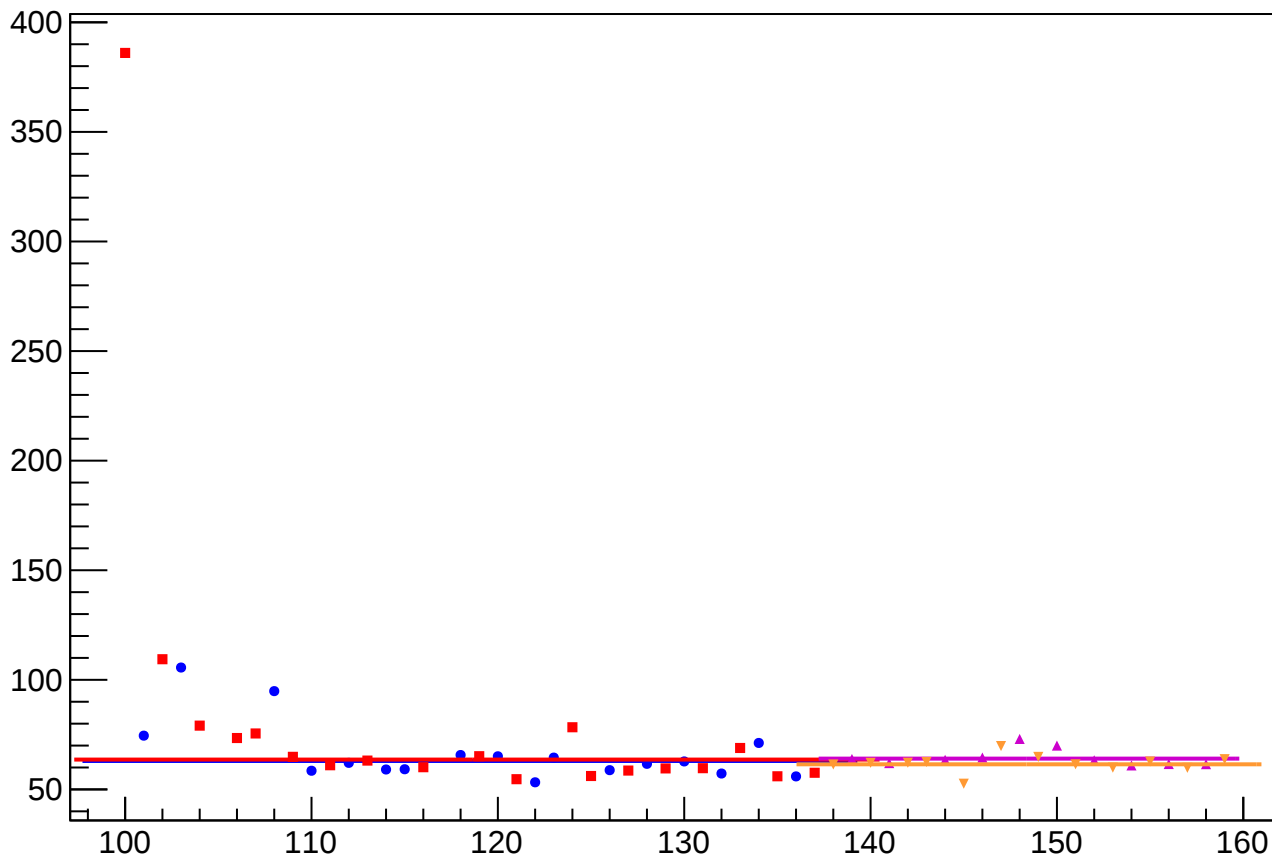
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -44.091 ± 16.578 $\chi^2/\text{NDF}: 39.3/26$

Out: -46.959 ± 15.690 $\chi^2/\text{NDF}: 50.6/30$

All: -45.604 ± 11.395 $\chi^2/\text{NDF}: 90.0/57$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.452 $\pm$ 0.014 χ^2 /NDF: 75839.4/11

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 64.048 $\pm$ 0.016 χ^2 /NDF: 48903.0/9

Left: 62.633 $\pm$ 0.011 χ^2 /NDF: 139422.8/21

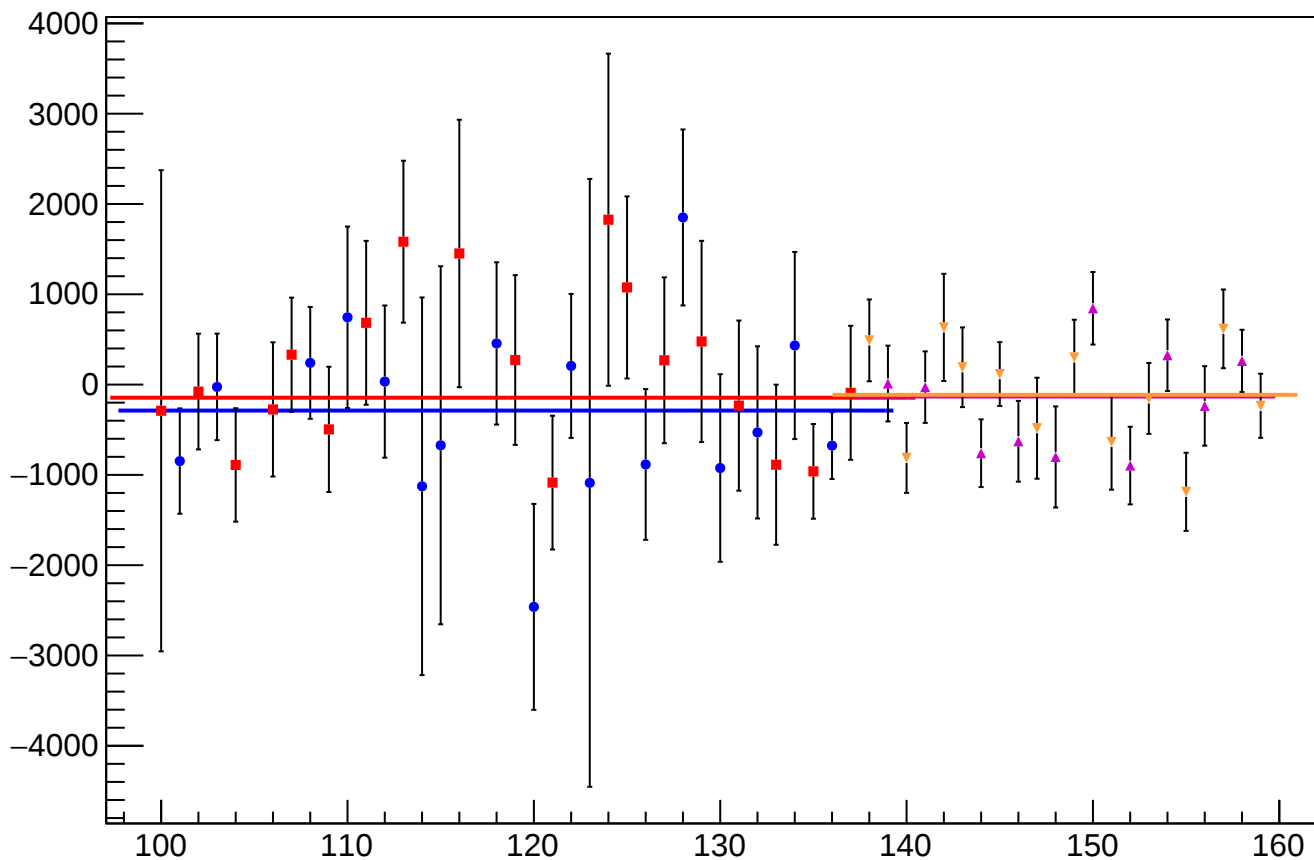
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.567 $\pm$ 0.012 χ^2 /NDF: 426219.4/26

Out: 62.339 $\pm$ 0.011 χ^2 /NDF: 518570.6/30

All: 62.919 $\pm$ 0.008 χ^2 /NDF: 950572.8/57

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -113.229 $\pm$ 123.947 χ^2 /NDF:19.0/11

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -131.991 $\pm$ 130.271 χ^2 /NDF:17.4/9

Left: -122.144 $\pm$ 89.796 χ^2 /NDF: 36.5/21

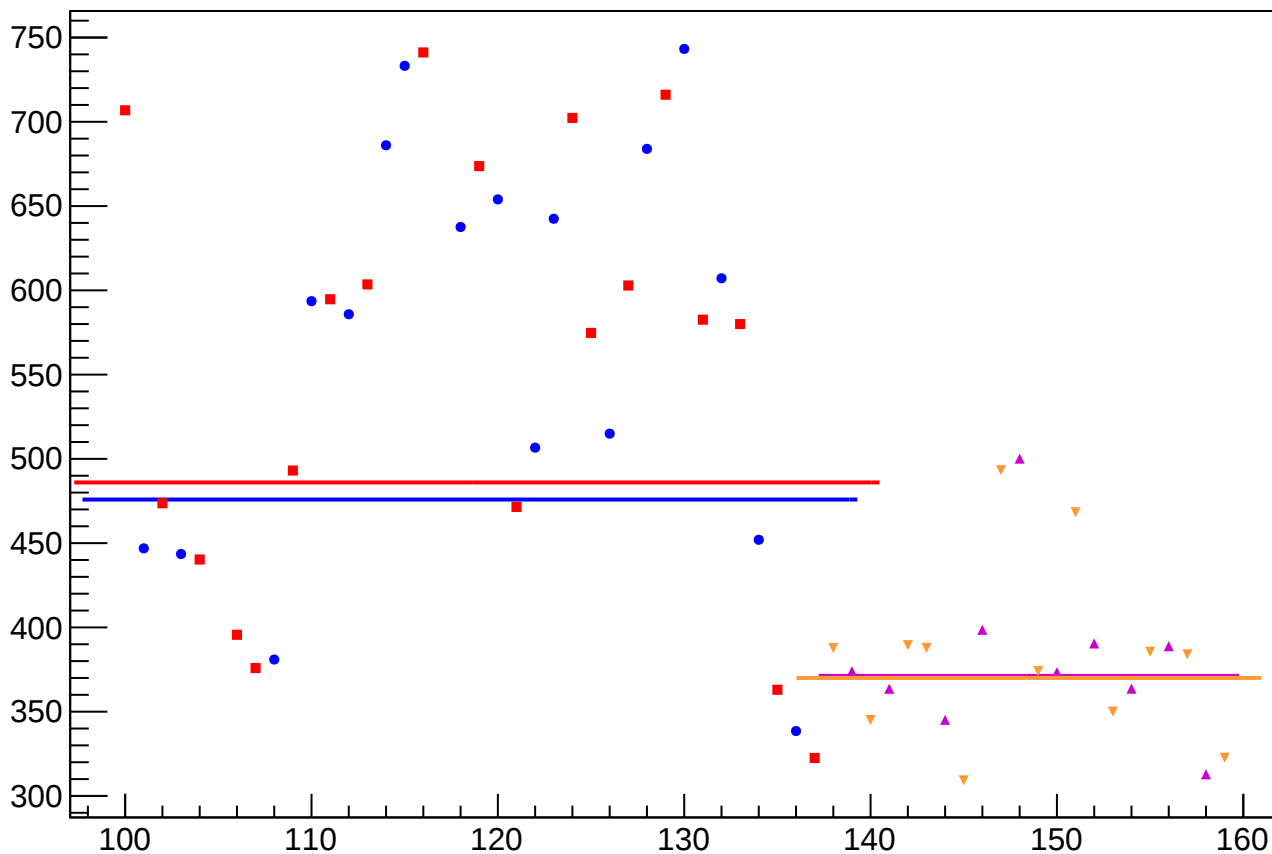
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -181.817 $\pm$ 107.422 χ^2 /NDF:33.2/26

Out: -123.008 $\pm$ 103.366 χ^2 /NDF:35.1/30

All: -151.281 $\pm$ 74.483 χ^2 /NDF: 68.5/57

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: 370.017+/-0.088 χ^2/NDF :287844.5/11

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 371.225+/-0.092 χ^2/NDF :189434.2/9

Left: 370.591+/-0.063 χ^2/NDF : 477368.9/21

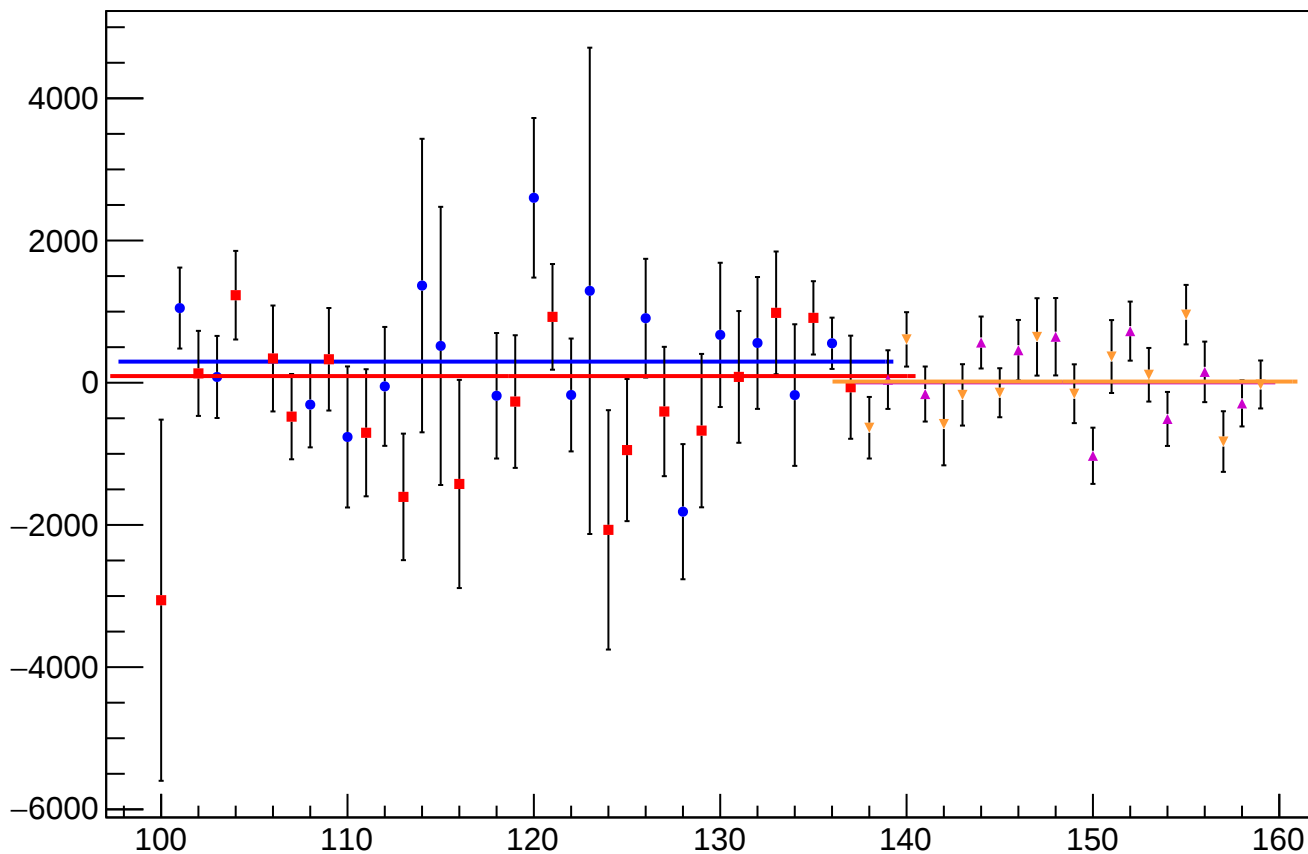
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 404.714+/-0.076 χ^2/NDF :1440264.1/26

Out: 405.340+/-0.073 χ^2/NDF :1551360.3/30

All: 405.039+/-0.053 χ^2/NDF : 2991659.6/57

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: 16.408 $\pm$ 120.414 χ^2 /NDF:17.1/11

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 5.123 $\pm$ 125.887 χ^2 /NDF:17.7/9

Left: 11.016 $\pm$ 87.016 χ^2 /NDF: 34.8/21

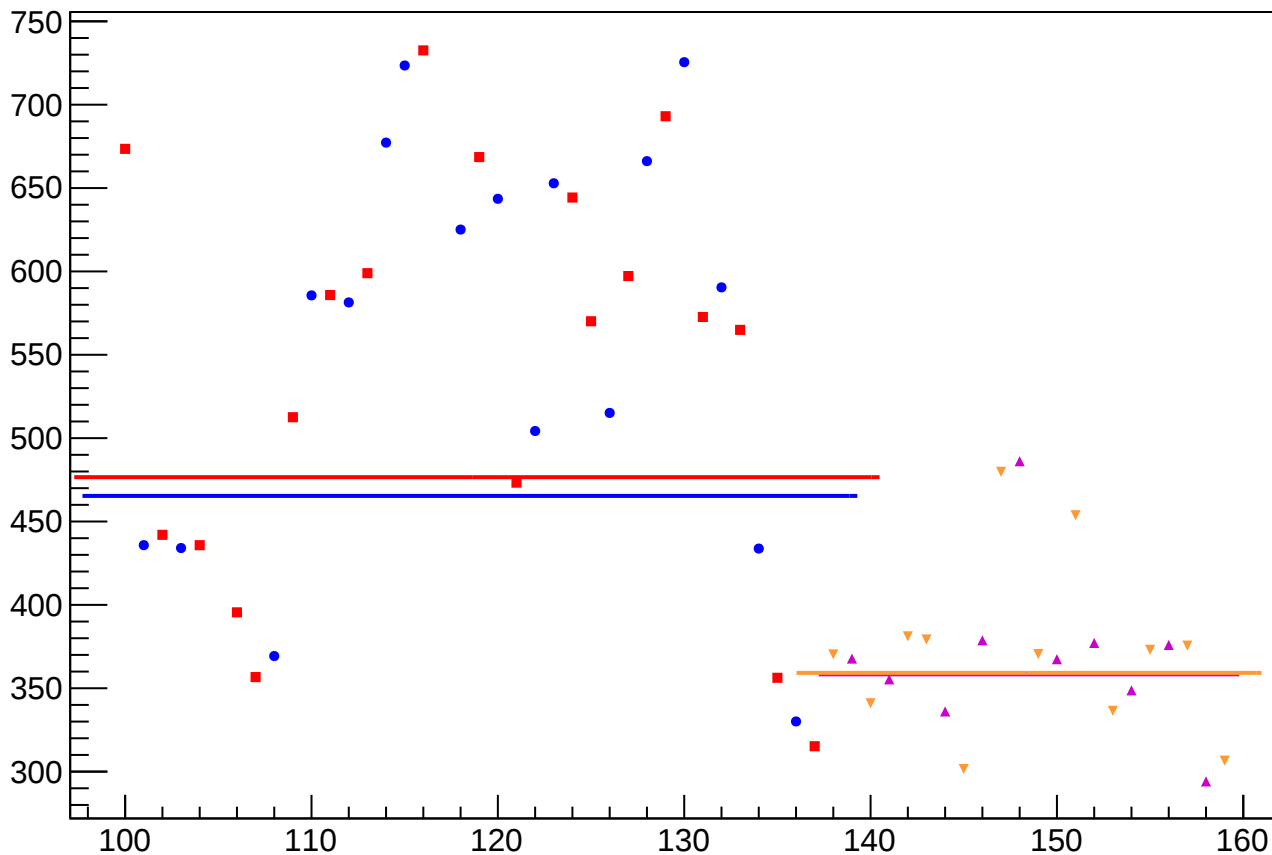
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 96.832 $\pm$ 104.249 χ^2 /NDF:35.2/26

Out: 39.546 $\pm$ 100.743 χ^2 /NDF:37.3/30

All: 67.209 $\pm$ 72.444 χ^2 /NDF: 72.7/57

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: 359.225 $\pm$ 0.085 χ^2/NDF :297796.8/11

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 358.336 $\pm$ 0.089 χ^2/NDF :211932.7/9

Left: 358.800 $\pm$ 0.062 χ^2/NDF : 509781.6/21

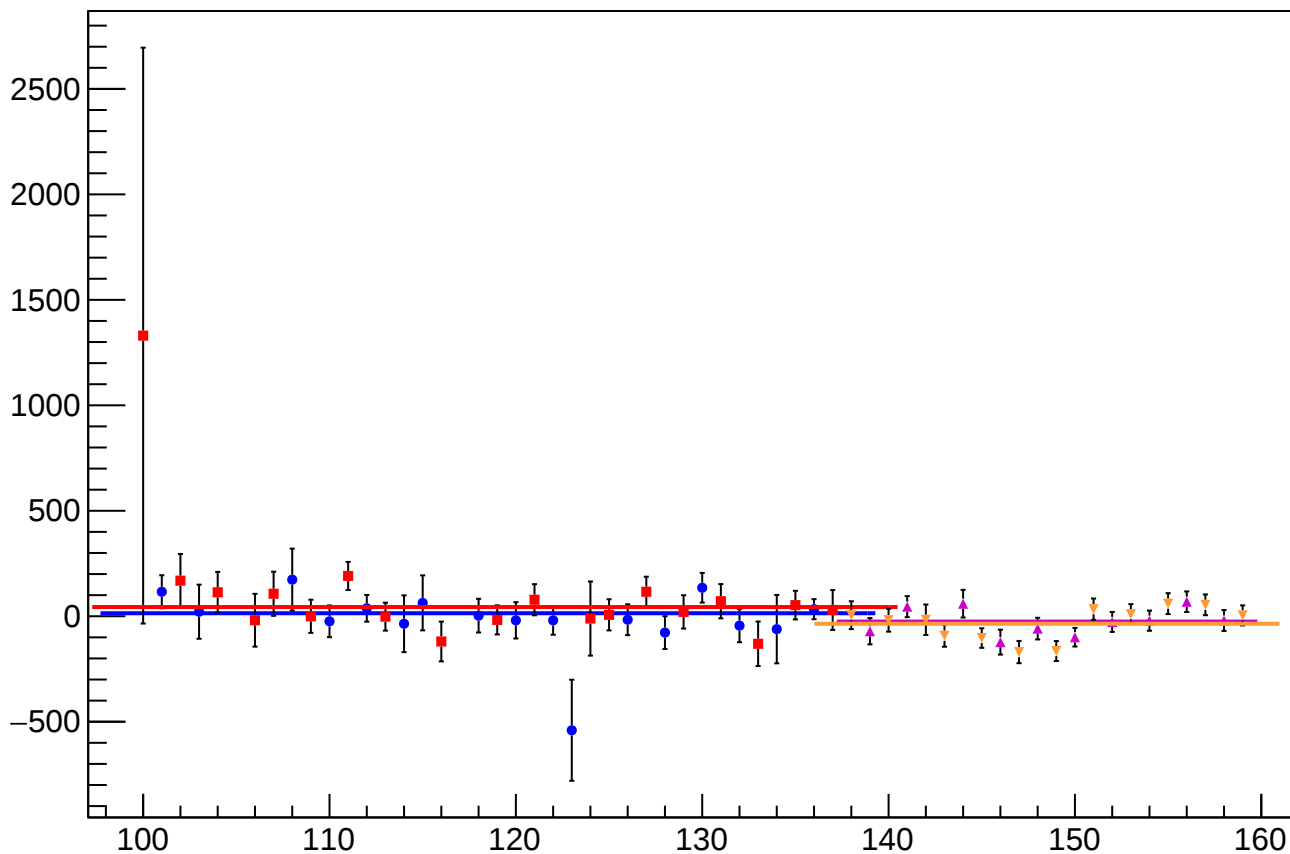
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 391.964 $\pm$ 0.074 χ^2/NDF :1526533.7/26

Out: 394.442 $\pm$ 0.071 χ^2/NDF :1620885.7/30

All: 393.245 $\pm$ 0.051 χ^2/NDF : 3148003.7/57

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -35.503 ± 14.922 $\chi^2/\text{NDF}: 28.3/11$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -25.157 ± 16.268 $\chi^2/\text{NDF}: 13.9/9$

Left: -30.776 ± 10.997 $\chi^2/\text{NDF}: 42.4/21$

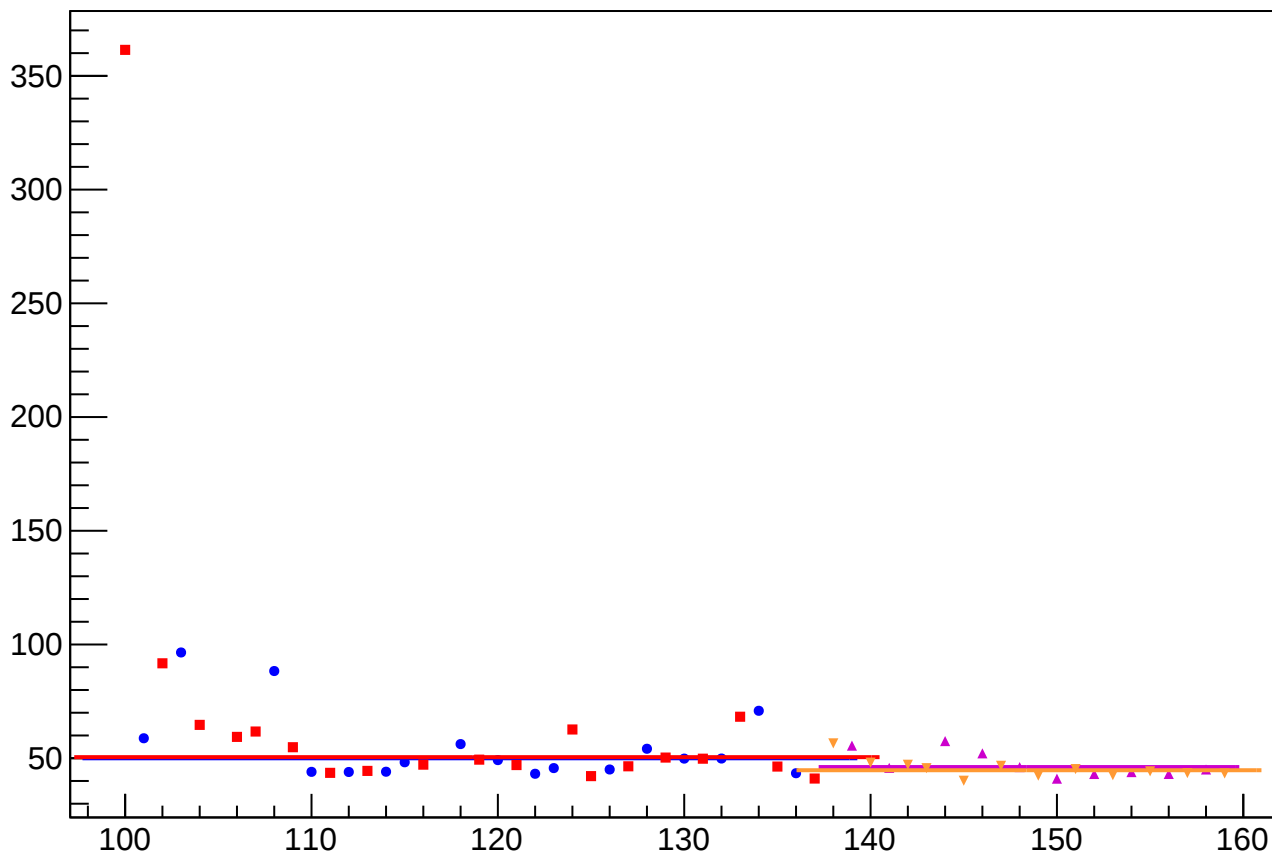
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -9.338 ± 12.587 $\chi^2/\text{NDF}: 31.1/26$

Out: -6.566 ± 11.883 $\chi^2/\text{NDF}: 55.6/30$

All: -7.872 ± 8.641 $\chi^2/\text{NDF}: 86.7/57$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 44.721+/-0.011 χ^2/NDF : 109509.2/11

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 46.117+/-0.012 χ^2/NDF : 175019.6/9

Left: 45.359+/-0.008 χ^2/NDF : 292537.1/21

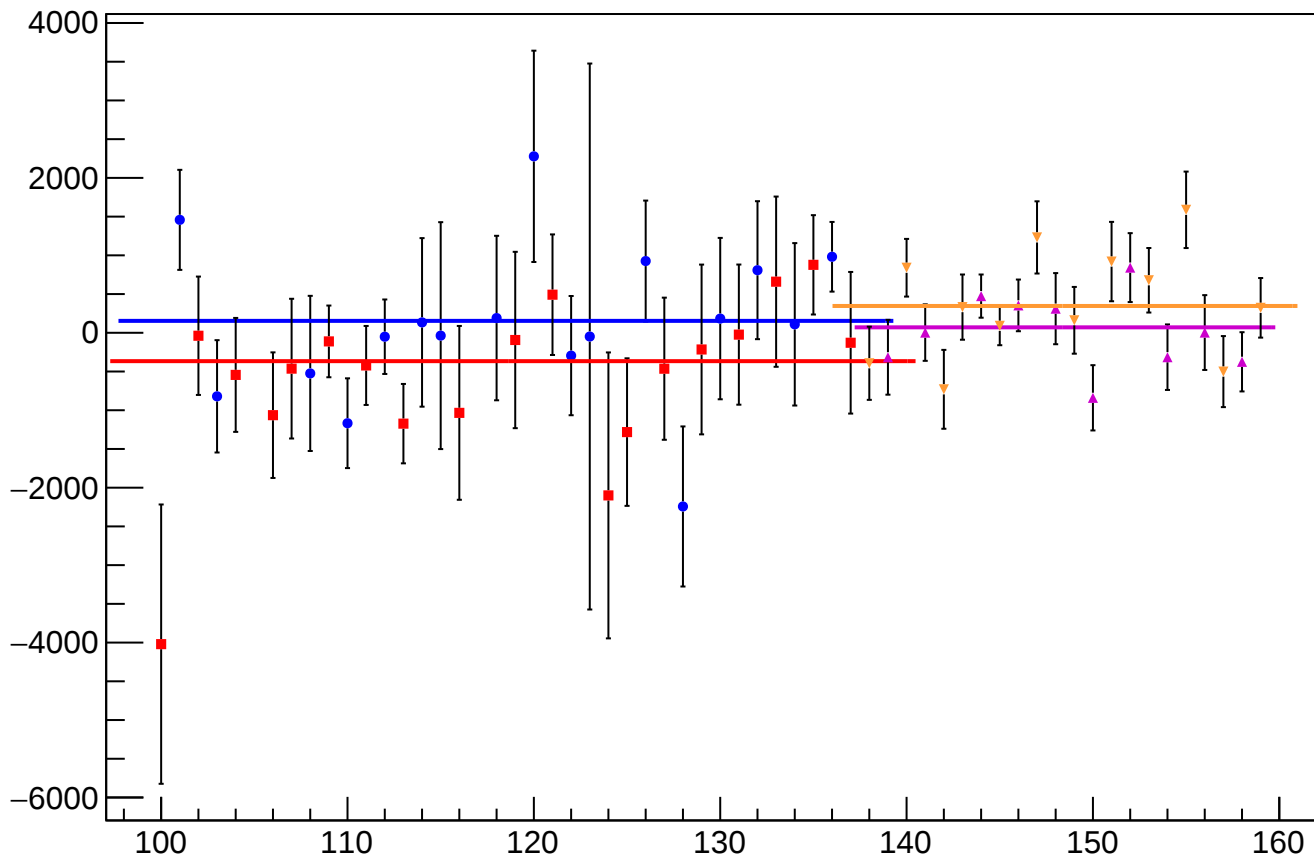
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 47.665+/-0.009 χ^2/NDF : 798863.5/26

Out: 46.825+/-0.008 χ^2/NDF : 789506.6/30

All: 47.221+/-0.006 χ^2/NDF : 1593085.4/57

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: 346.274 $\pm$ 117.611 χ^2 /NDF:25.1/11

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 70.314 $\pm$ 123.301 χ^2 /NDF:13.6/9

Left: 214.808 $\pm$ 85.104 χ^2 /NDF: 41.4/21

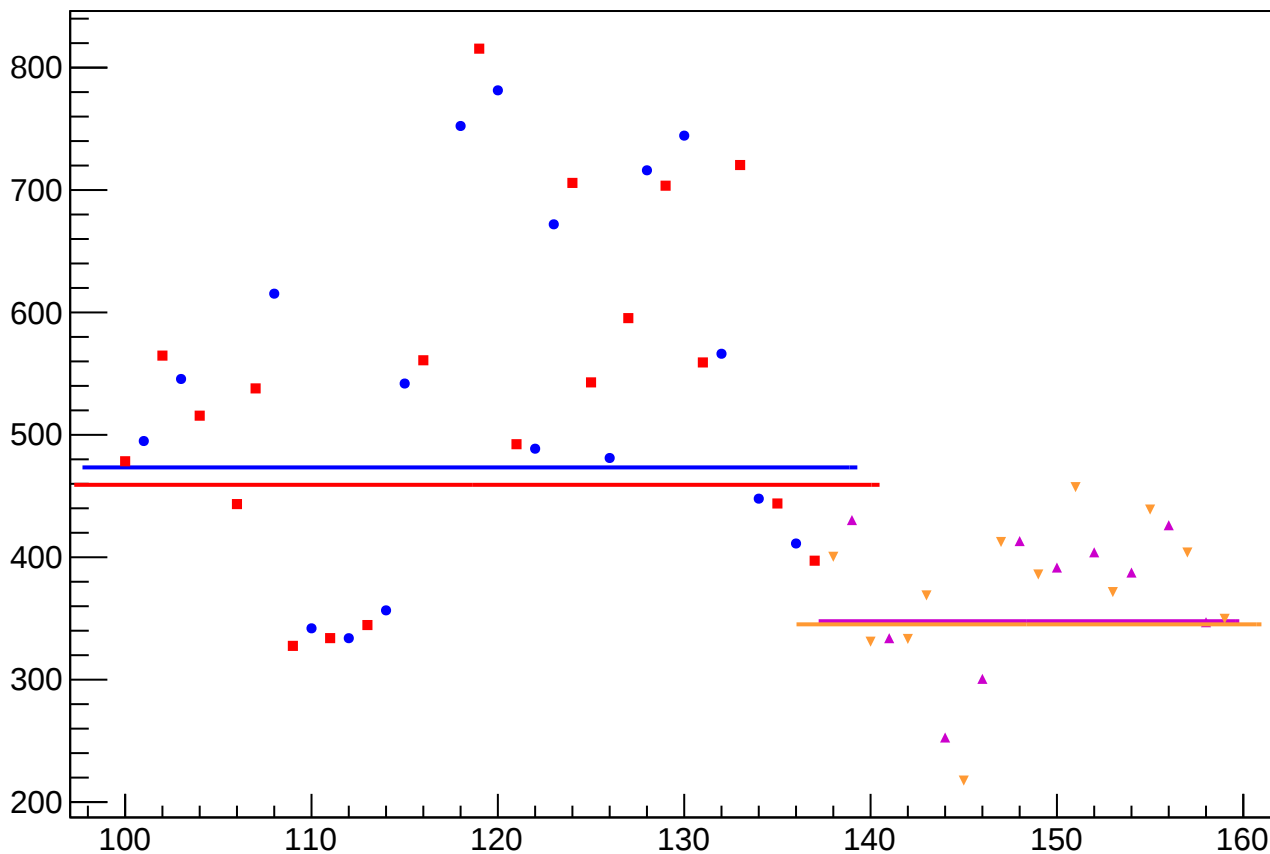
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 95.073 $\pm$ 103.425 χ^2 /NDF:38.6/26

Out: 131.262 $\pm$ 98.277 χ^2 /NDF:52.4/30

All: 114.090 $\pm$ 71.243 χ^2 /NDF: 91.0/57

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: 345.205 $\pm$ 0.083 χ^2/NDF : 825254.0/11

Right Out: 459.180 $\pm$ 0.127 χ^2/NDF : 1006487.4/18

Left In: 347.758 $\pm$ 0.087 χ^2/NDF : 497838.1/9

Left: 346.421 $\pm$ 0.060 χ^2/NDF : 1323540.9/21

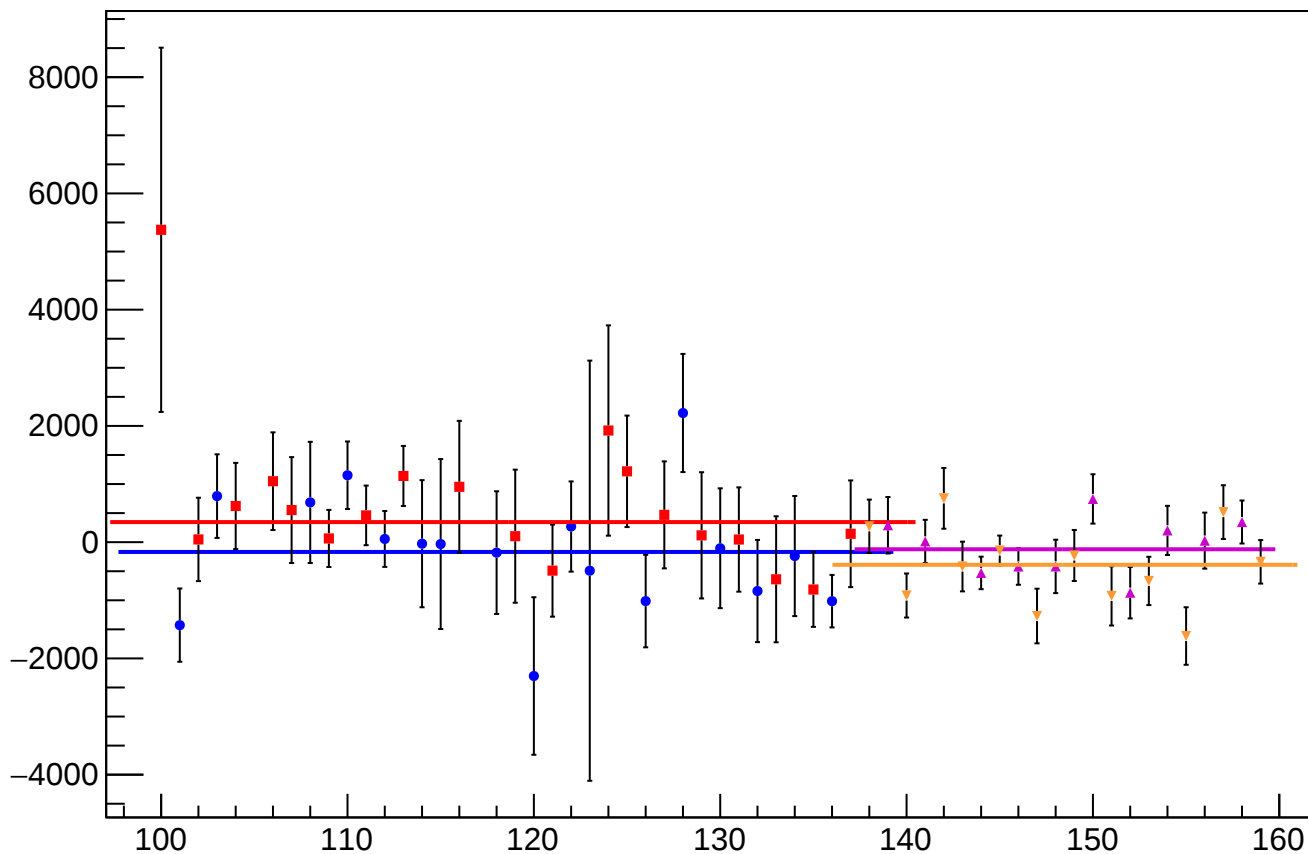
Right: 465.867 $\pm$ 0.092 χ^2/NDF : 1927360.0/35

In: 385.003 $\pm$ 0.073 χ^2/NDF : 2028397.8/26

Out: 379.597 $\pm$ 0.069 χ^2/NDF : 2398501.1/30

All: 382.162 $\pm$ 0.050 χ^2/NDF : 4429770.0/57

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -389.607+/-118.479 χ^2/NDF : 24.9/11

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -122.127+/-122.138 χ^2/NDF : 13.6/9

Left: -259.933+/-85.042 χ^2/NDF : 41.0/21

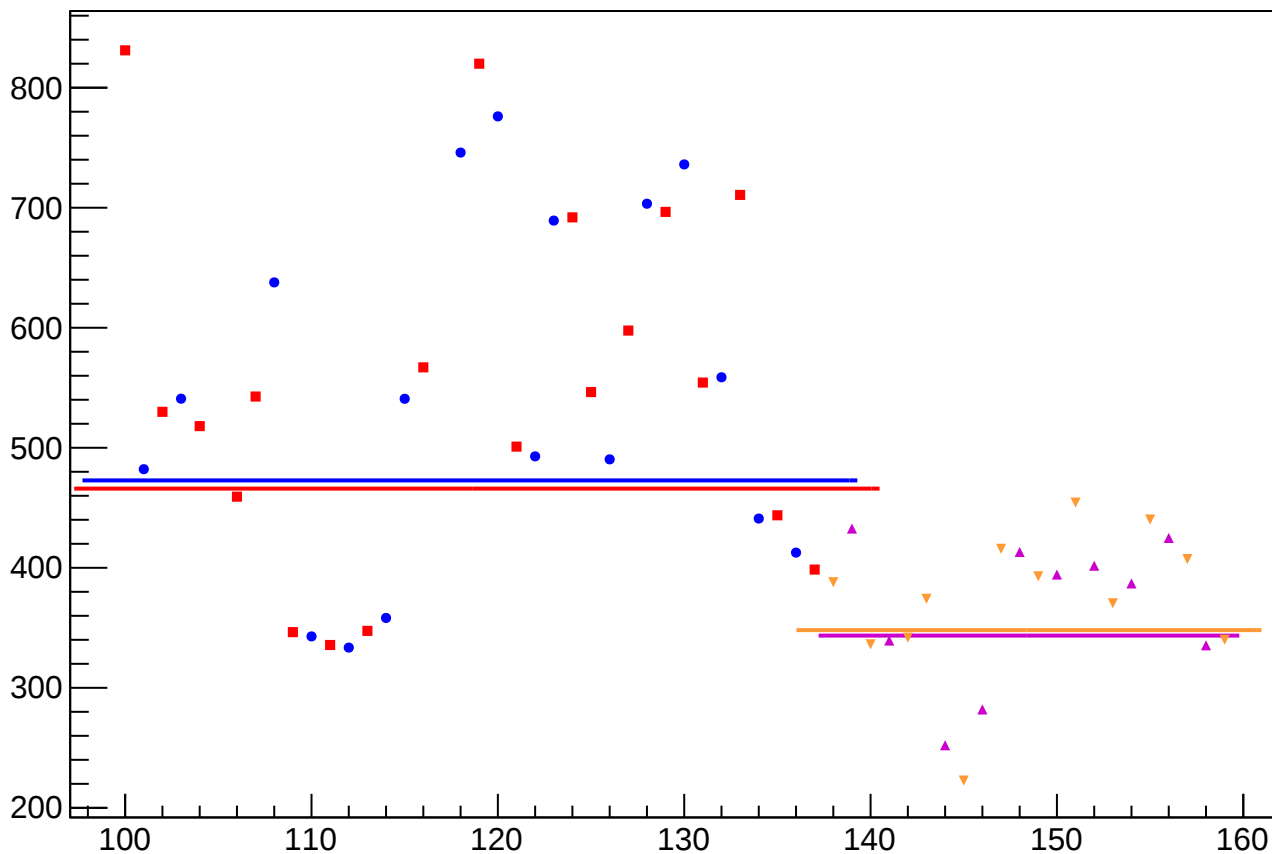
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -135.579+/-102.703 χ^2/NDF : 39.0/26

Out: -169.549+/-99.172 χ^2/NDF : 50.1/30

All: -153.158+/-71.341 χ^2/NDF : 89.2/57

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 348.076 $\pm$ 0.084 χ^2/NDF : 759206.6/11

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 343.517 $\pm$ 0.086 χ^2/NDF : 546548.7/9

Left: 345.866 $\pm$ 0.060 χ^2/NDF : 1307190.7/21

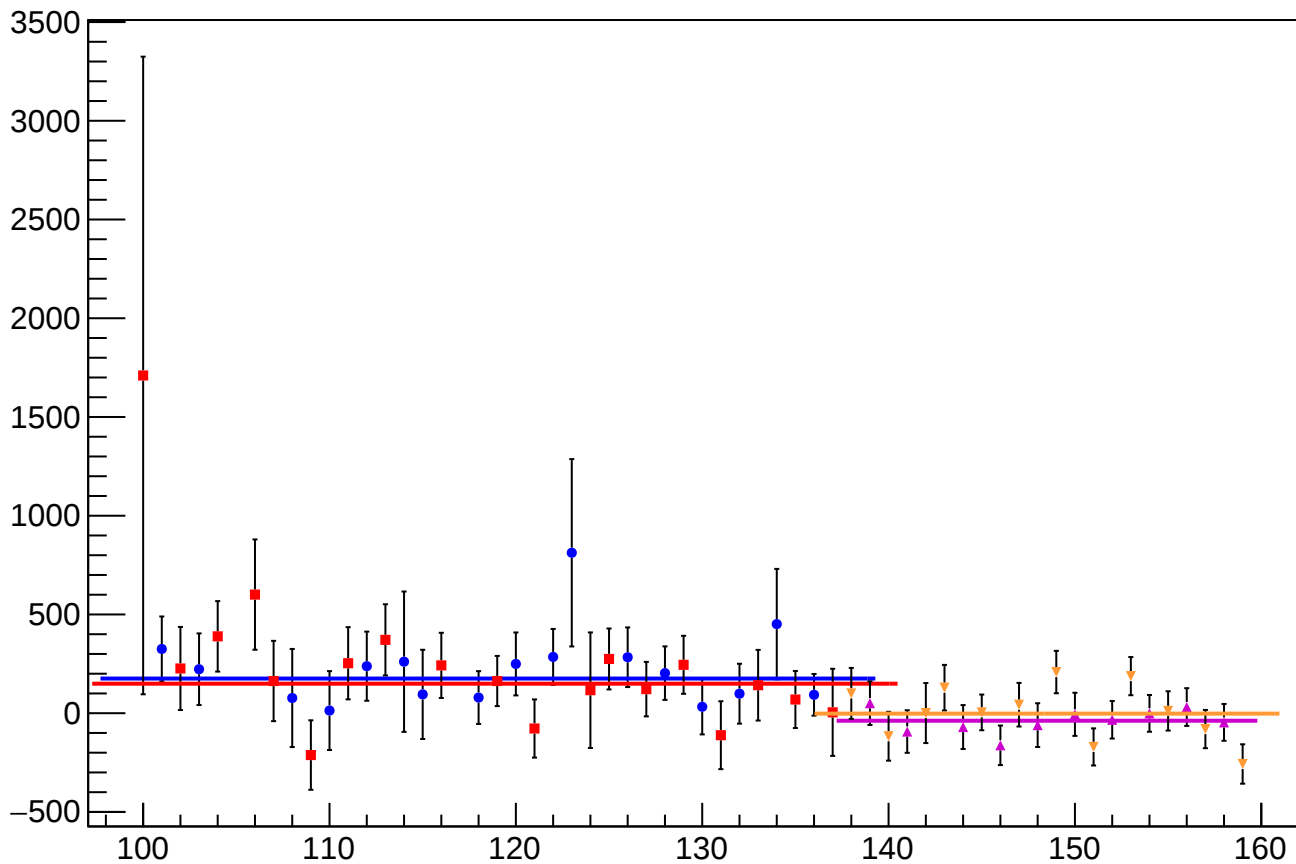
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 381.394 $\pm$ 0.073 χ^2/NDF : 2099532.0/26

Out: 383.374 $\pm$ 0.070 χ^2/NDF : 2294233.3/30

All: 382.418 $\pm$ 0.050 χ^2/NDF : 4394150.0/57

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -2.157 ± 30.664 $\chi^2/\text{NDF}: 21.1/11$

Right Out: 149.419 ± 40.319 $\chi^2/\text{NDF}: 18.4/18$

Left In: -38.188 ± 32.211 $\chi^2/\text{NDF}: 3.4/9$

Left: -19.287 ± 22.209 $\chi^2/\text{NDF}: 25.1/21$

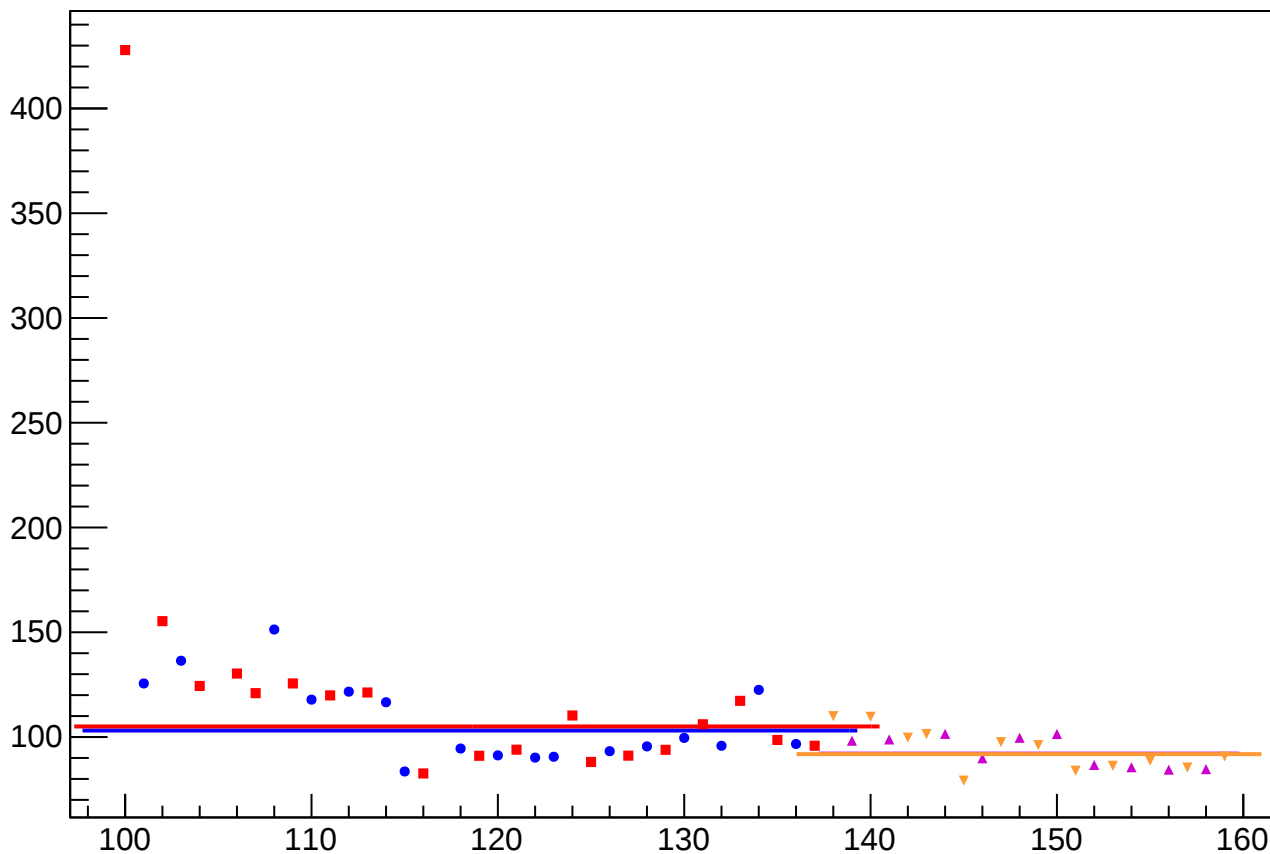
Right: 162.431 ± 28.524 $\chi^2/\text{NDF}: 27.2/35$

In: 44.951 ± 25.176 $\chi^2/\text{NDF}: 29.1/26$

Out: 53.387 ± 24.407 $\chi^2/\text{NDF}: 48.5/30$

All: 49.300 ± 17.524 $\chi^2/\text{NDF}: 77.6/57$

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: 91.837 $\pm$ 0.022 χ^2 /NDF:179654.7/11

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 92.080 $\pm$ 0.023 χ^2 /NDF:95096.4/9

Left: 91.952 $\pm$ 0.016 χ^2 /NDF: 274810.6/21

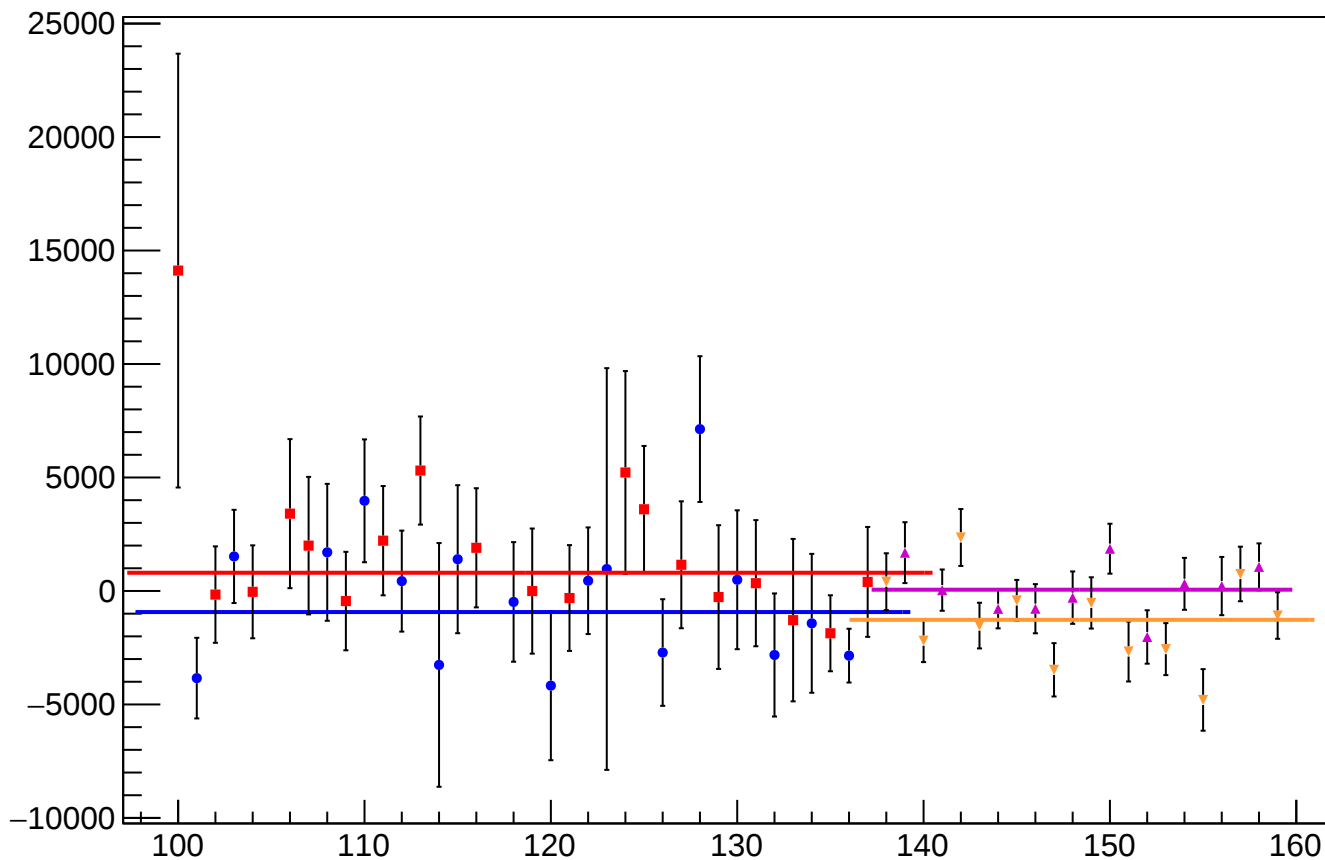
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 96.373 $\pm$ 0.018 χ^2 /NDF:492834.8/26

Out: 96.677 $\pm$ 0.017 χ^2 /NDF:764338.4/30

All: 96.530 $\pm$ 0.012 χ^2 /NDF: 1257324.1/57

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: -1270.764 $\pm$ 322.146 χ^2 /NDF:28.0/11

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 55.755 $\pm$ 341.613 χ^2 /NDF:10.0/9

Left: -646.375 $\pm$ 234.371 χ^2 /NDF: 46.0/21

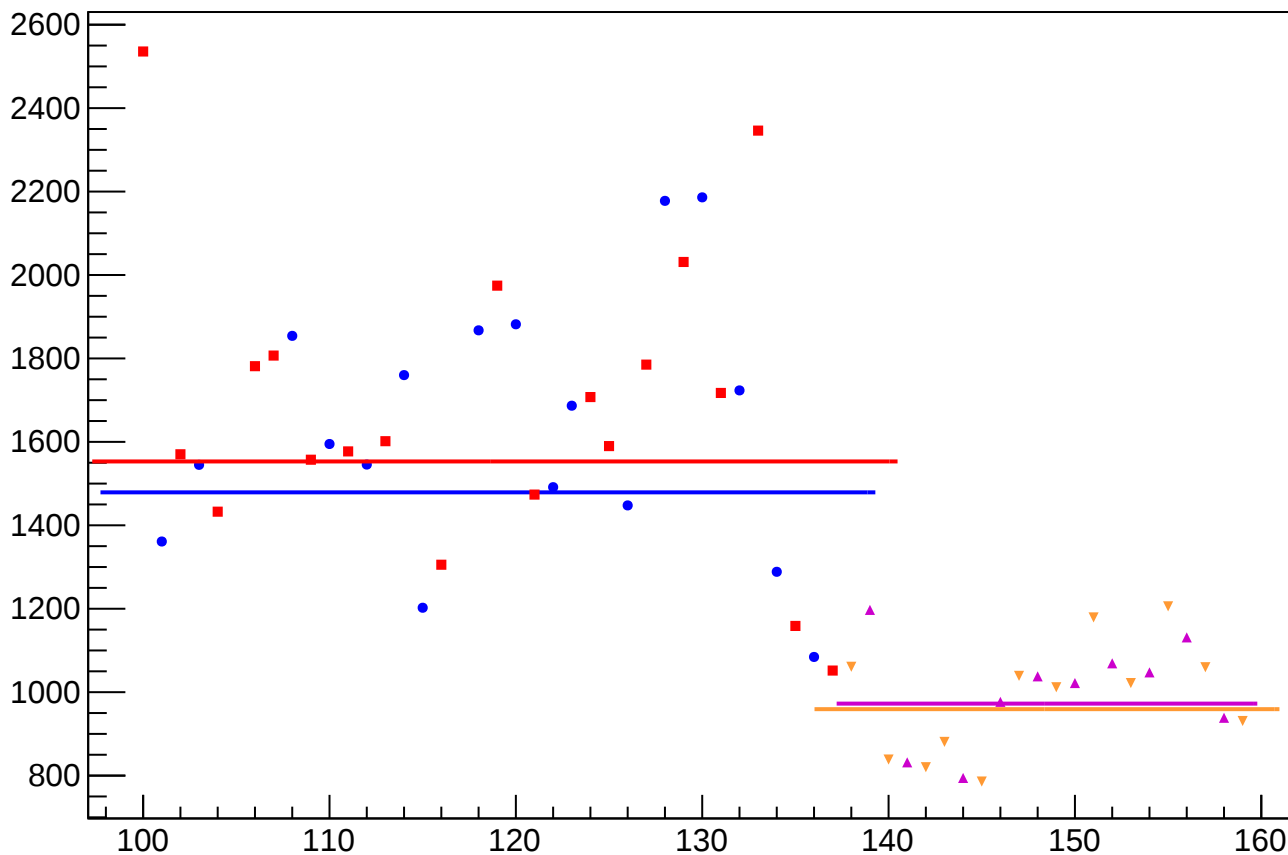
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -193.387 $\pm$ 295.250 χ^2 /NDF:32.9/26

Out: -799.245 $\pm$ 283.161 χ^2 /NDF:50.3/30

All: -508.973 $\pm$ 204.365 χ^2 /NDF: 85.5/57

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: 959.291+/-0.228 χ^2/NDF : 312701.1/11

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 972.577+/-0.242 χ^2/NDF : 254725.0/9

Left: 965.544+/-0.166 χ^2/NDF : 569027.3/21

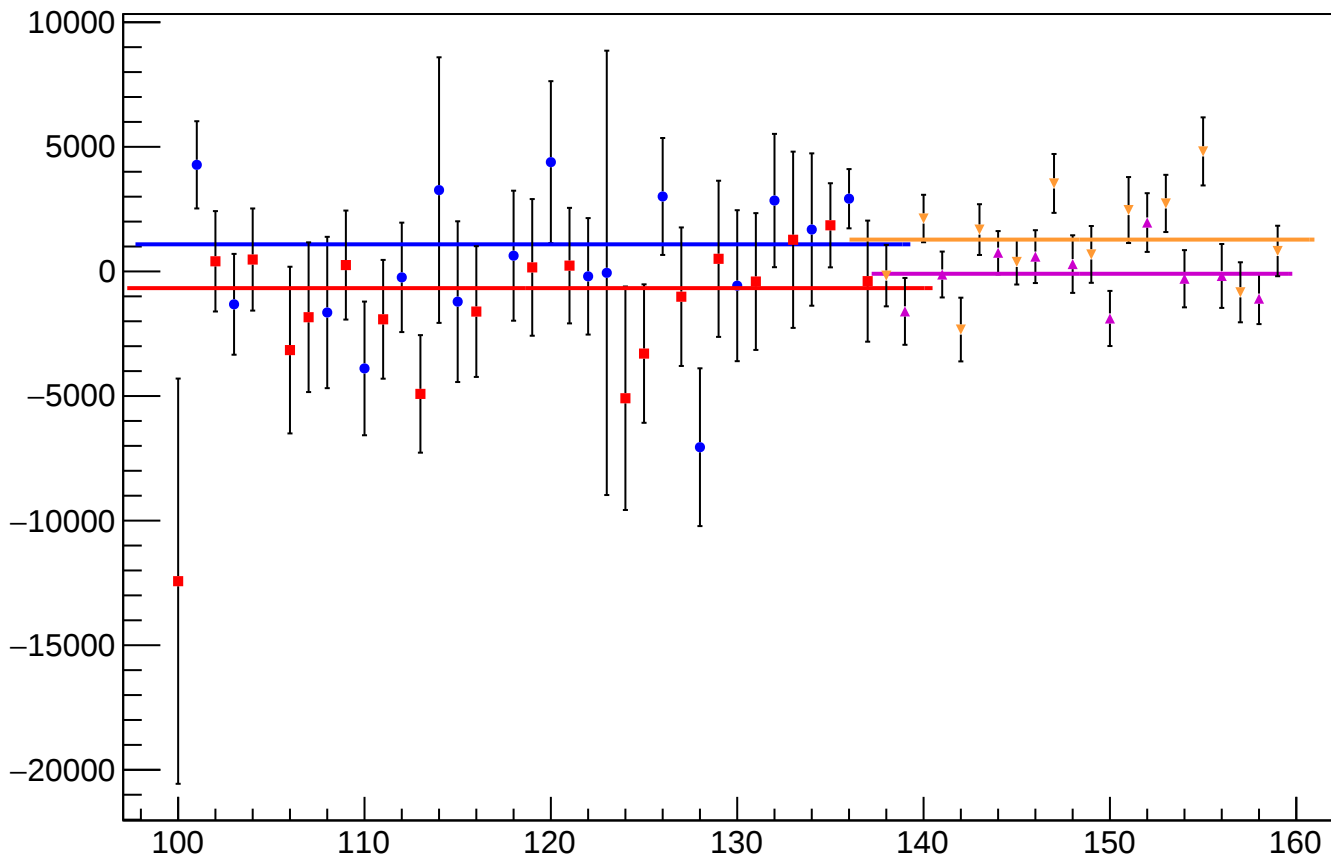
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1100.708+/-0.209 χ^2/NDF : 1956395.3/26

Out: 1094.311+/-0.200 χ^2/NDF : 2341567.6/30

All: 1097.376+/-0.145 χ^2/NDF : 4298452.0/57

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: 1277.587 $\pm$ 323.294 χ^2 /NDF: 27.6/11

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -93.843 $\pm$ 341.756 χ^2 /NDF: 9.4/9

Left: 629.914 $\pm$ 234.859 χ^2 /NDF: 45.5/21

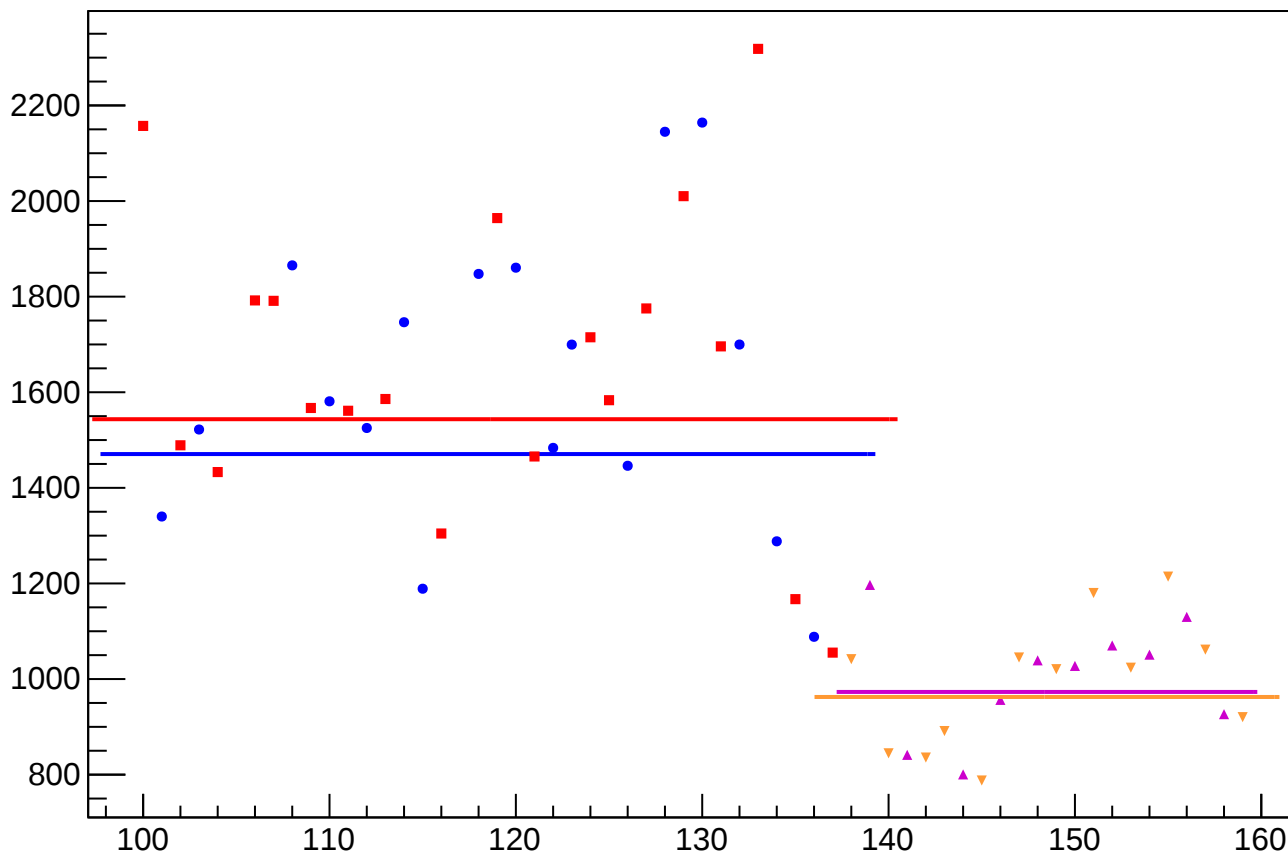
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 208.158 $\pm$ 294.875 χ^2 /NDF: 34.3/26

Out: 827.797 $\pm$ 283.519 χ^2 /NDF: 48.0/30

All: 530.139 $\pm$ 204.375 χ^2 /NDF: 84.6/57

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: 962.496 $\pm$ 0.229 χ^2 /NDF:302167.7/11

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 973.035 $\pm$ 0.242 χ^2 /NDF:244301.9/9

Left: 967.473 $\pm$ 0.166 χ^2 /NDF: 547473.4/21

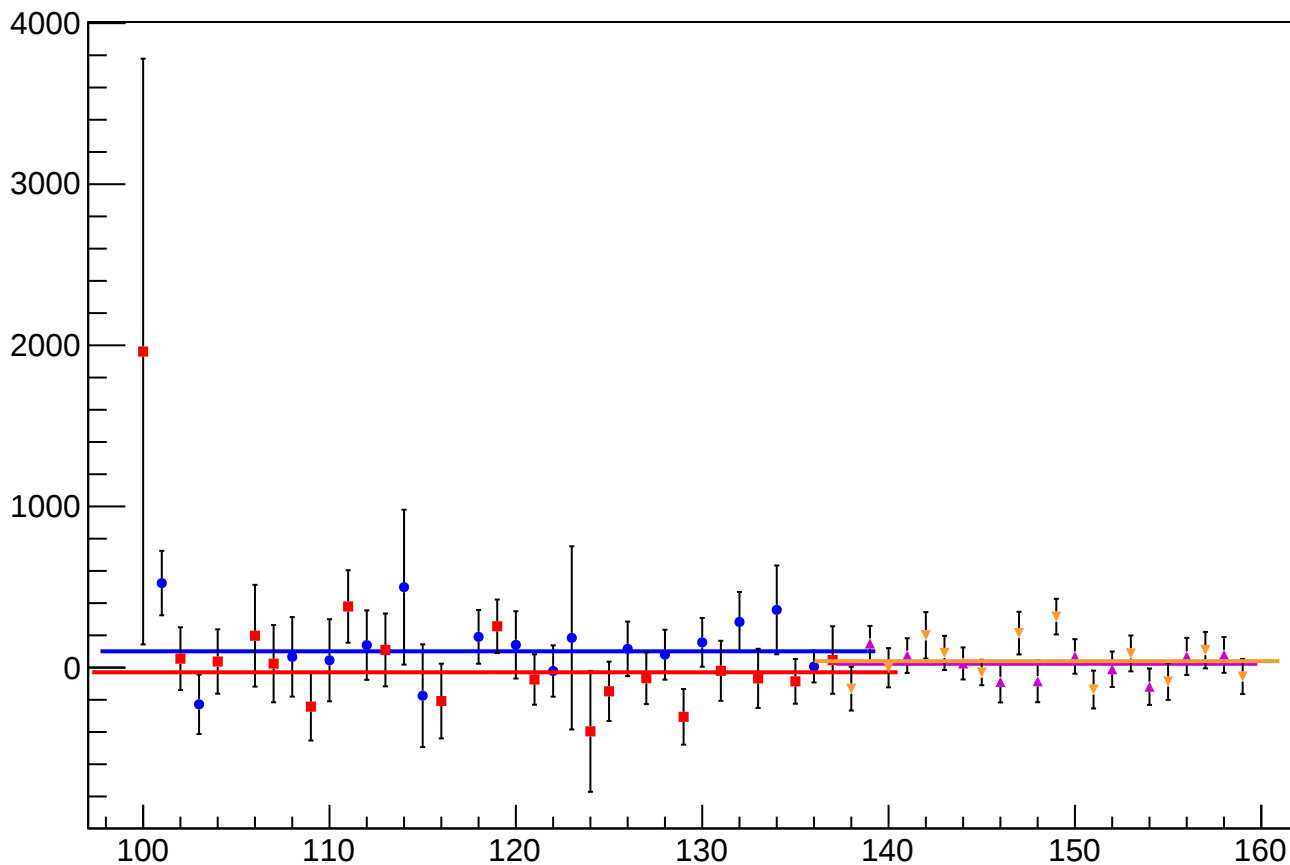
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1100.202 $\pm$ 0.209 χ^2 /NDF:1895693.5/26

Out: 1096.685 $\pm$ 0.200 χ^2 /NDF:2248524.4/30

All: 1098.375 $\pm$ 0.145 χ^2 /NDF: 4144365.8/57

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 39.798 $\pm$ 32.428 χ^2 /NDF:16.8/11

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 23.571 $\pm$ 35.409 χ^2 /NDF:5.3/9

Left: 32.396 $\pm$ 23.915 χ^2 /NDF: 22.2/21

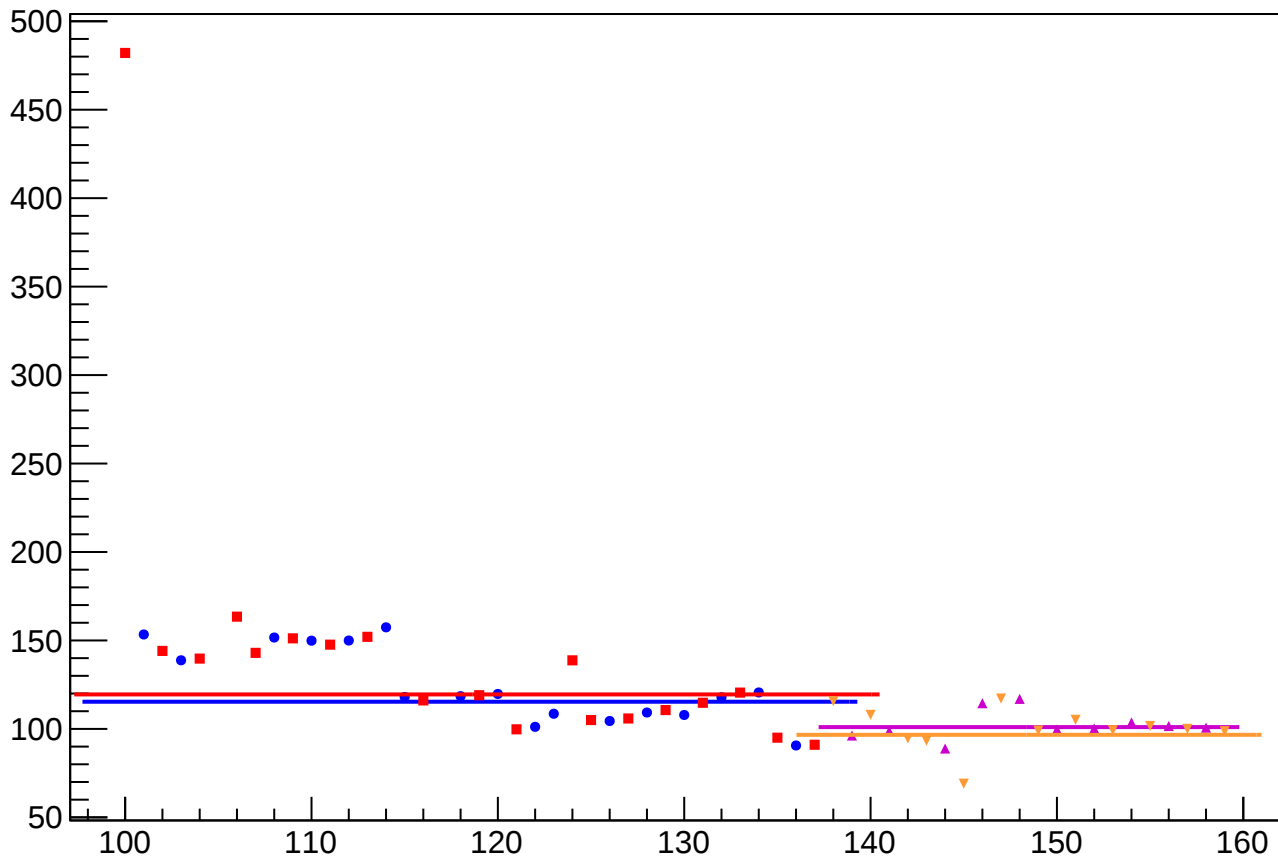
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 52.919 $\pm$ 27.894 χ^2 /NDF:20.1/26

Out: 16.704 $\pm$ 26.445 χ^2 /NDF:33.0/30

All: 33.847 $\pm$ 19.191 χ^2 /NDF: 54.0/57

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 96.650 $\pm$ 0.023 χ^2 /NDF: 370715.6/11

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.024 $\pm$ 0.025 χ^2 /NDF: 88285.7/9

Left: 98.645 $\pm$ 0.017 χ^2 /NDF: 475596.5/21

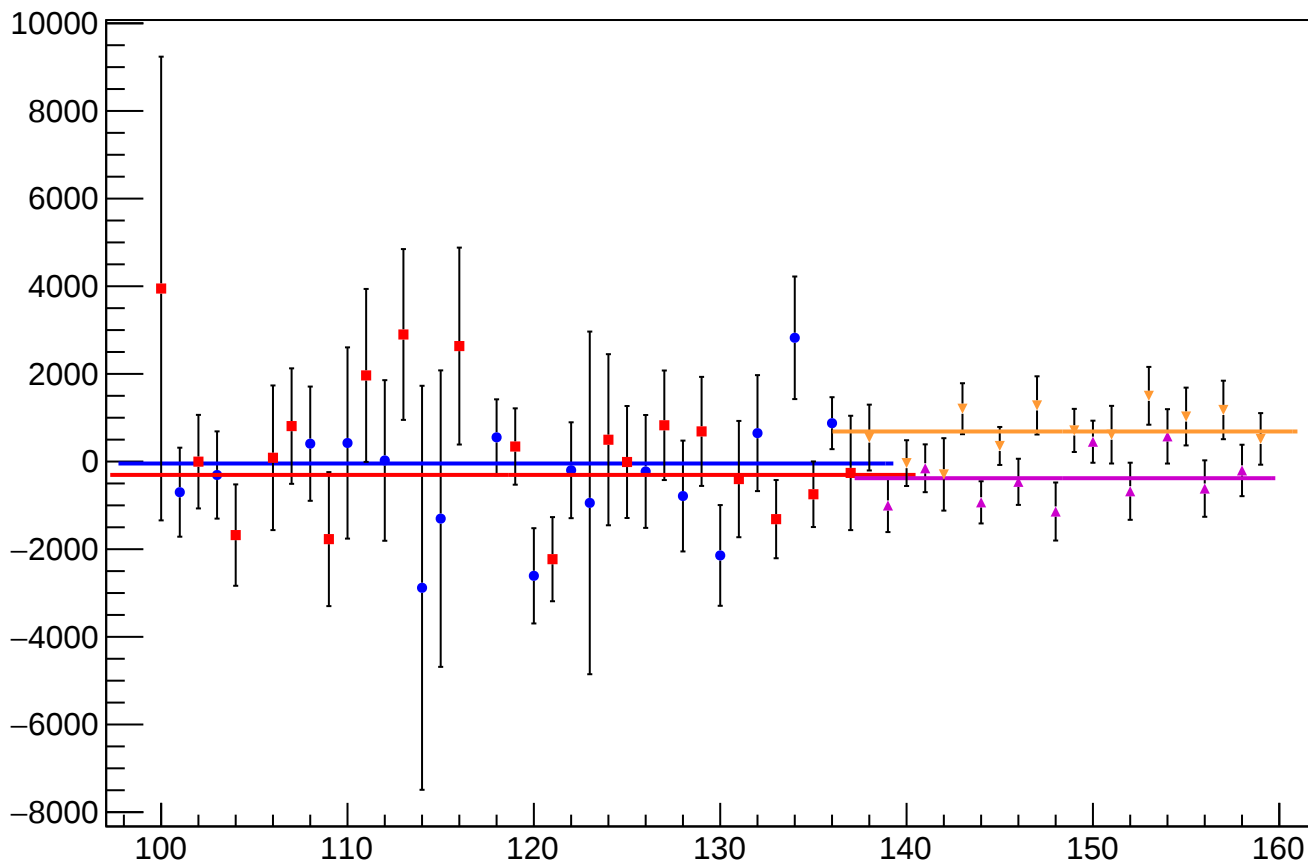
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.466 $\pm$ 0.020 χ^2 /NDF: 624159.5/26

Out: 104.300 $\pm$ 0.019 χ^2 /NDF: 1181053.5/30

All: 105.325 $\pm$ 0.014 χ^2 /NDF: 1811559.6/57

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: 686.114 ± 172.456 $\chi^2/\text{NDF}: 8.0/11$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -379.945 ± 179.945 $\chi^2/\text{NDF}: 9.7/9$

Left: 175.728 ± 124.508 $\chi^2/\text{NDF}: 35.9/21$

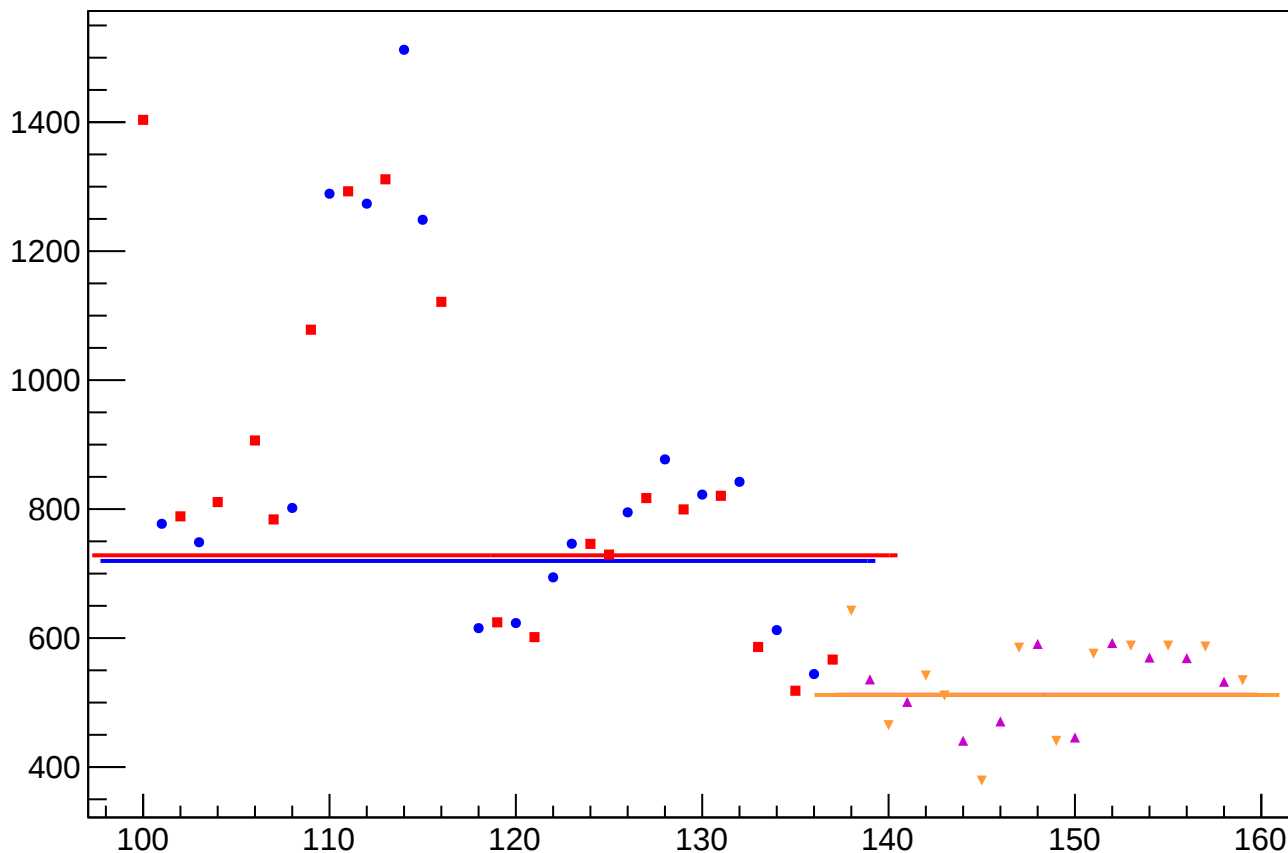
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -284.964 ± 152.349 $\chi^2/\text{NDF}: 28.5/26$

Out: 417.379 ± 147.226 $\chi^2/\text{NDF}: 34.4/30$

All: 78.216 ± 105.869 $\chi^2/\text{NDF}: 73.9/57$

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: 511.804 $\pm$ 0.122 χ^2 /NDF: 434494.7/11

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 512.042 $\pm$ 0.127 χ^2 /NDF: 192086.3/9

Left: 511.918 $\pm$ 0.088 χ^2 /NDF: 626582.8/21

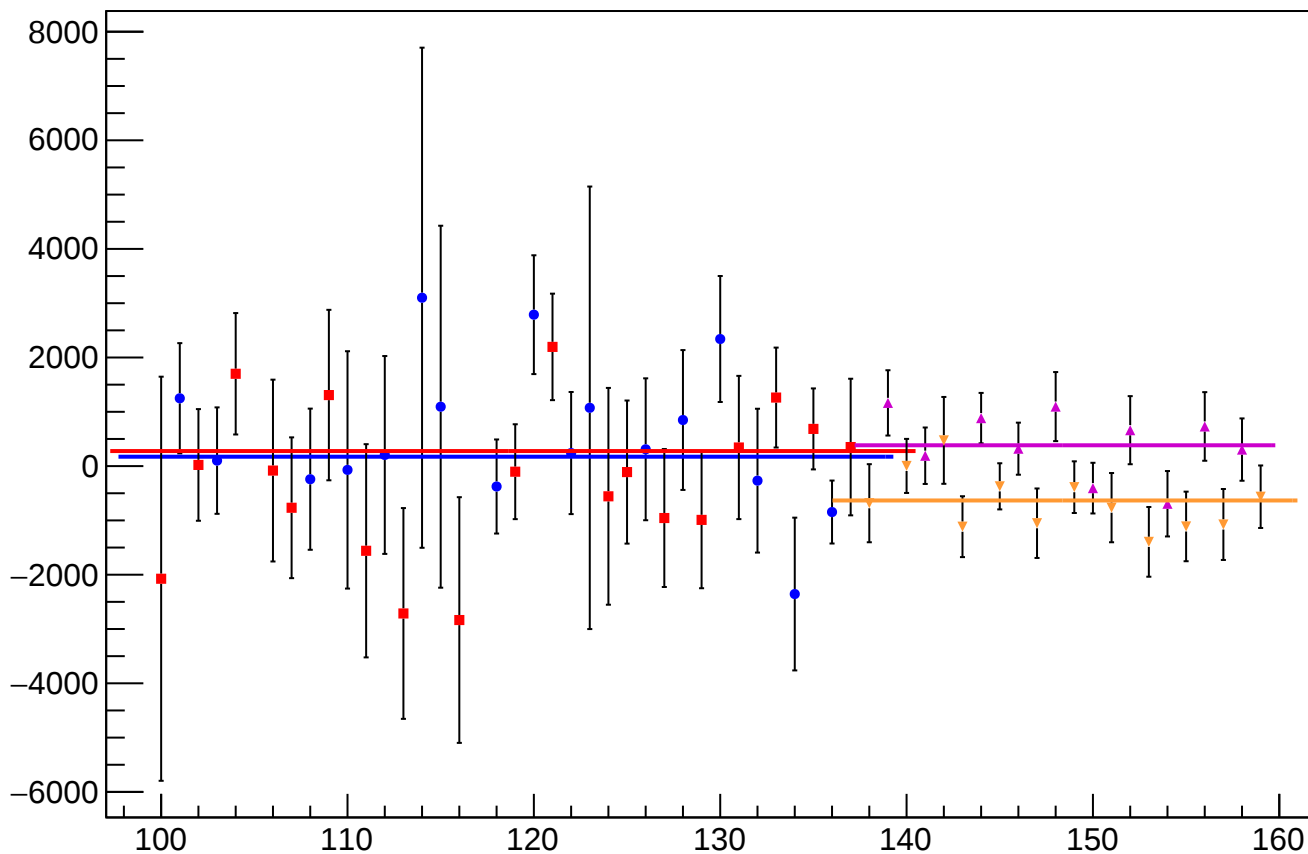
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 570.823 $\pm$ 0.108 χ^2 /NDF: 1692634.6/26

Out: 570.526 $\pm$ 0.104 χ^2 /NDF: 2203198.7/30

All: 570.669 $\pm$ 0.075 χ^2 /NDF: 3895837.3/57

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182+/-285.672 χ^2/NDF : 18.1/16

Left Out: -632.851+/-167.143 χ^2/NDF : 7.8/11

Right Out: 277.145+/-282.726 χ^2/NDF : 16.0/18

Left In: 383.620+/-173.122 χ^2/NDF : 10.8/9

Left: -142.471+/-120.246 χ^2/NDF : 36.5/21

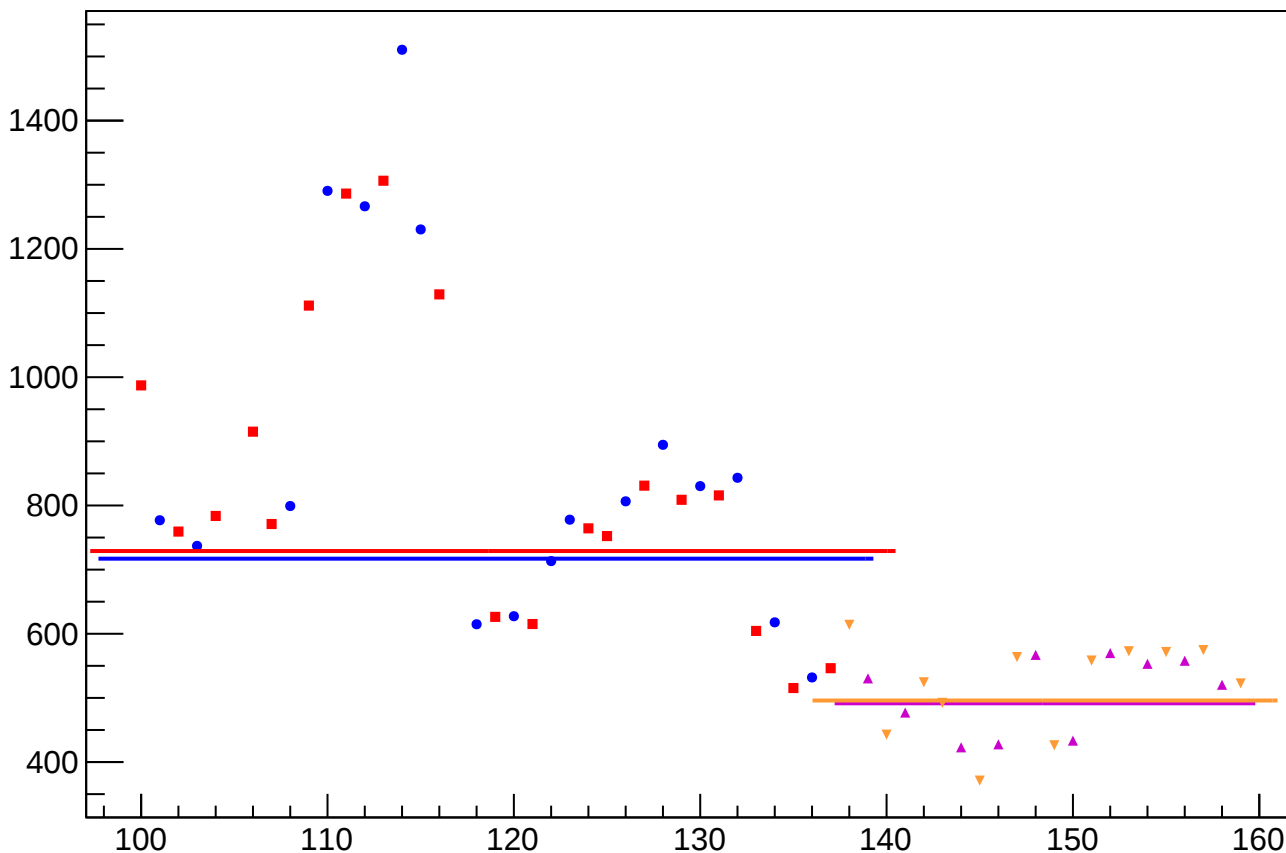
Right: 225.702+/-200.951 χ^2/NDF : 34.2/35

In: 327.095+/-148.056 χ^2/NDF : 29.3/26

Out: -397.177+/-143.880 χ^2/NDF : 31.6/30

All: -45.399+/-103.184 χ^2/NDF : 73.2/57

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: 495.954 $\pm$ 0.118 χ^2/NDF : 426362.4/11

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 491.594 $\pm$ 0.122 χ^2/NDF : 227718.1/9

Left: 493.851 $\pm$ 0.085 χ^2/NDF : 654737.1/21

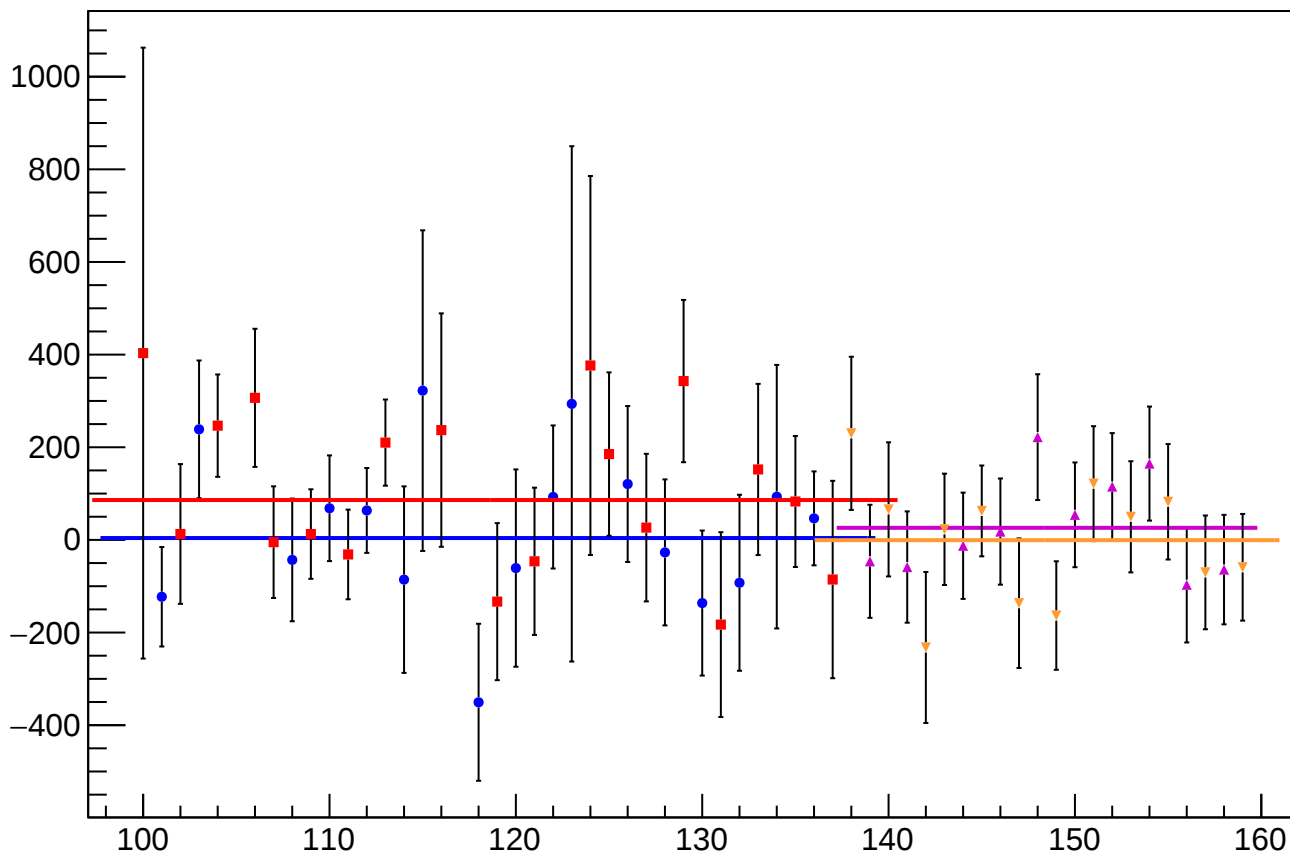
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 552.162 $\pm$ 0.105 χ^2/NDF : 1921534.0/26

Out: 556.306 $\pm$ 0.102 χ^2/NDF : 2323947.7/30

All: 554.294 $\pm$ 0.073 χ^2/NDF : 4246287.6/57

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: -0.574 ± 36.282 $\chi^2/\text{NDF}: 9.7/11$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 26.059 ± 37.852 $\chi^2/\text{NDF}: 6.5/9$

Left: 12.179 ± 26.193 $\chi^2/\text{NDF}: 16.5/21$

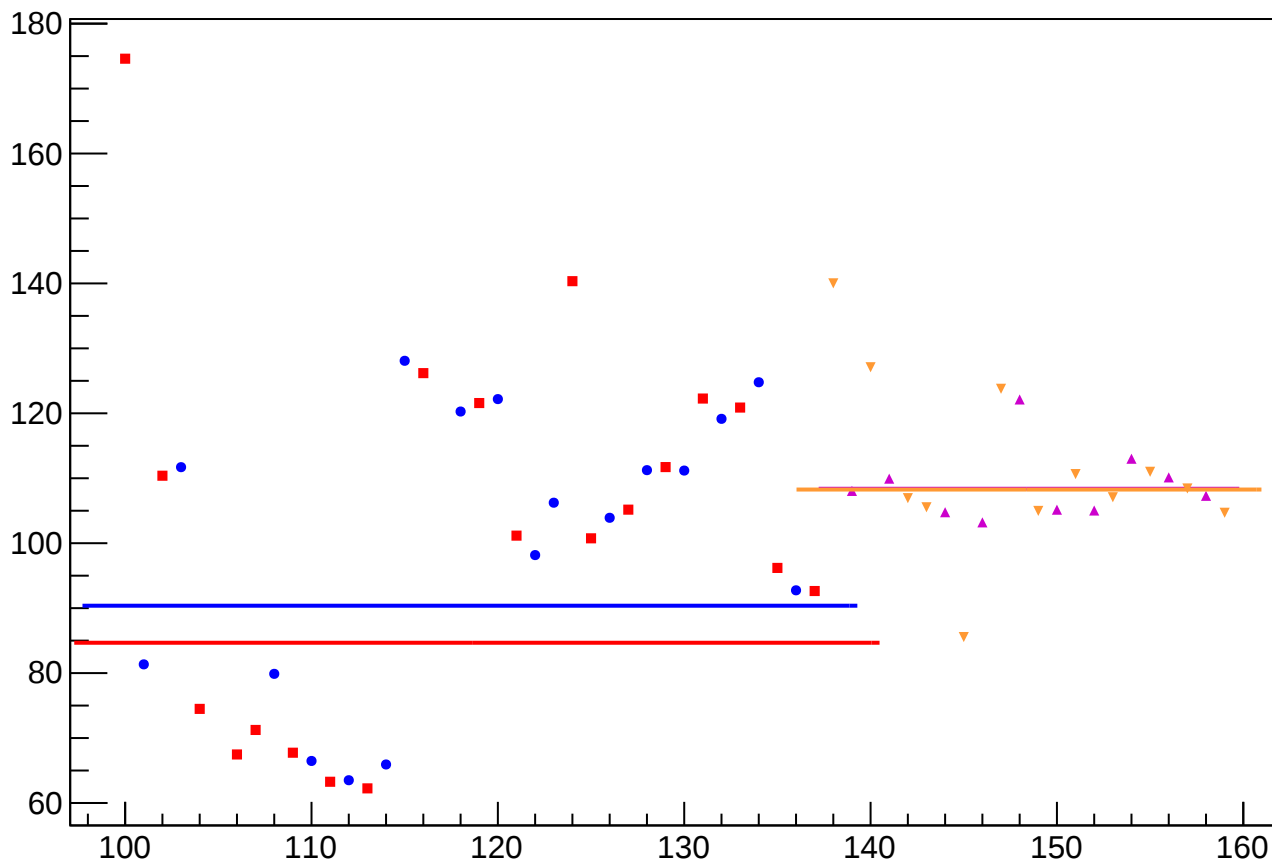
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 14.467 ± 26.067 $\chi^2/\text{NDF}: 19.4/26$

Out: 46.336 ± 24.561 $\chi^2/\text{NDF}: 30.3/30$

All: 31.349 ± 17.876 $\chi^2/\text{NDF}: 50.6/57$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.263+/-0.026 χ^2/NDF : 246075.3/11

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 108.383+/-0.027 χ^2/NDF : 33598.4/9

Left: 108.320+/-0.019 χ^2/NDF : 279684.2/21

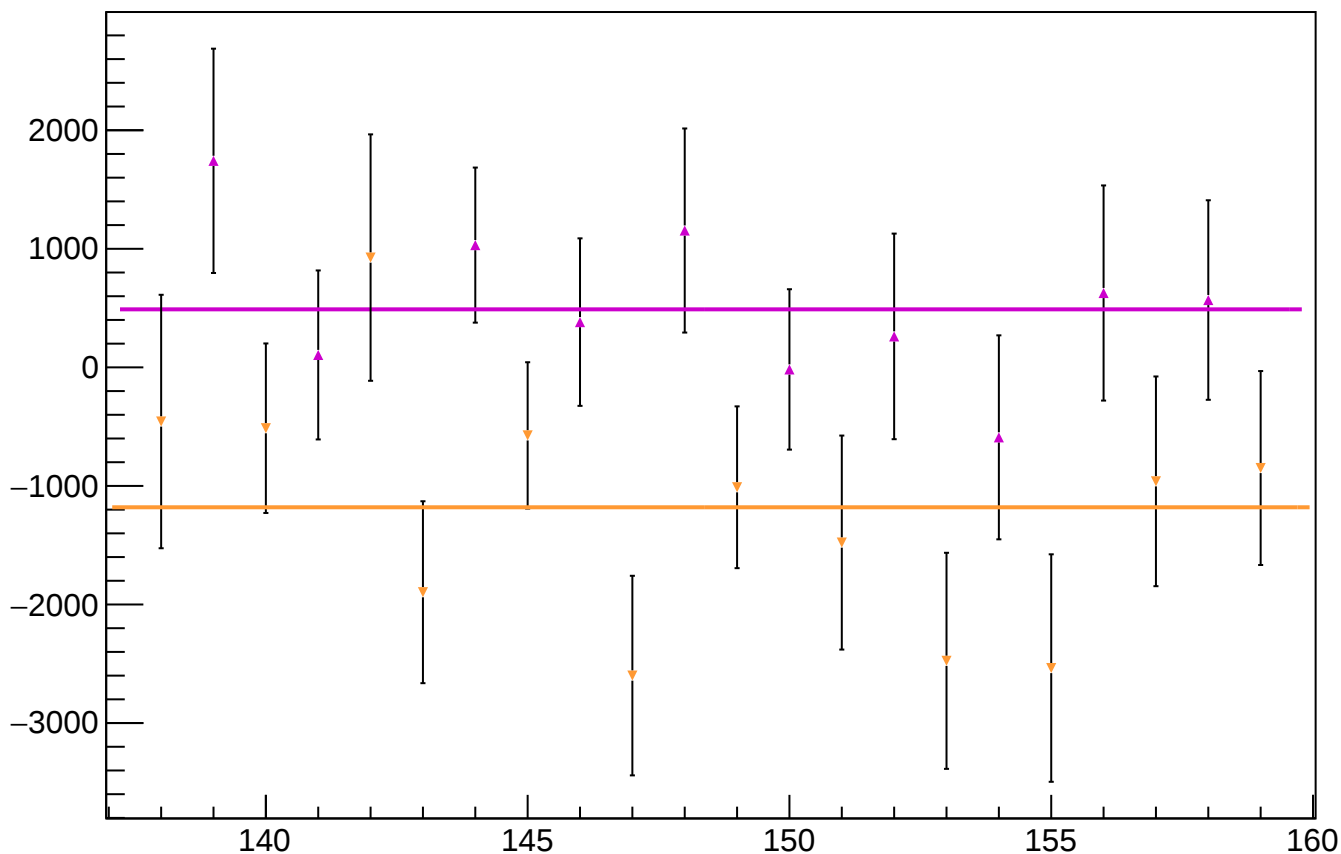
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 98.915+/-0.018 χ^2/NDF : 925717.4/26

Out: 95.483+/-0.017 χ^2/NDF : 1612227.5/30

All: 97.097+/-0.013 χ^2/NDF : 2556307.1/57

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1180.119+/-236.127 χ^2/NDF :14.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 489.353+/-247.899 χ^2/NDF :5.6/9

Left: -385.963+/-170.977 χ^2/NDF : 43.9/21

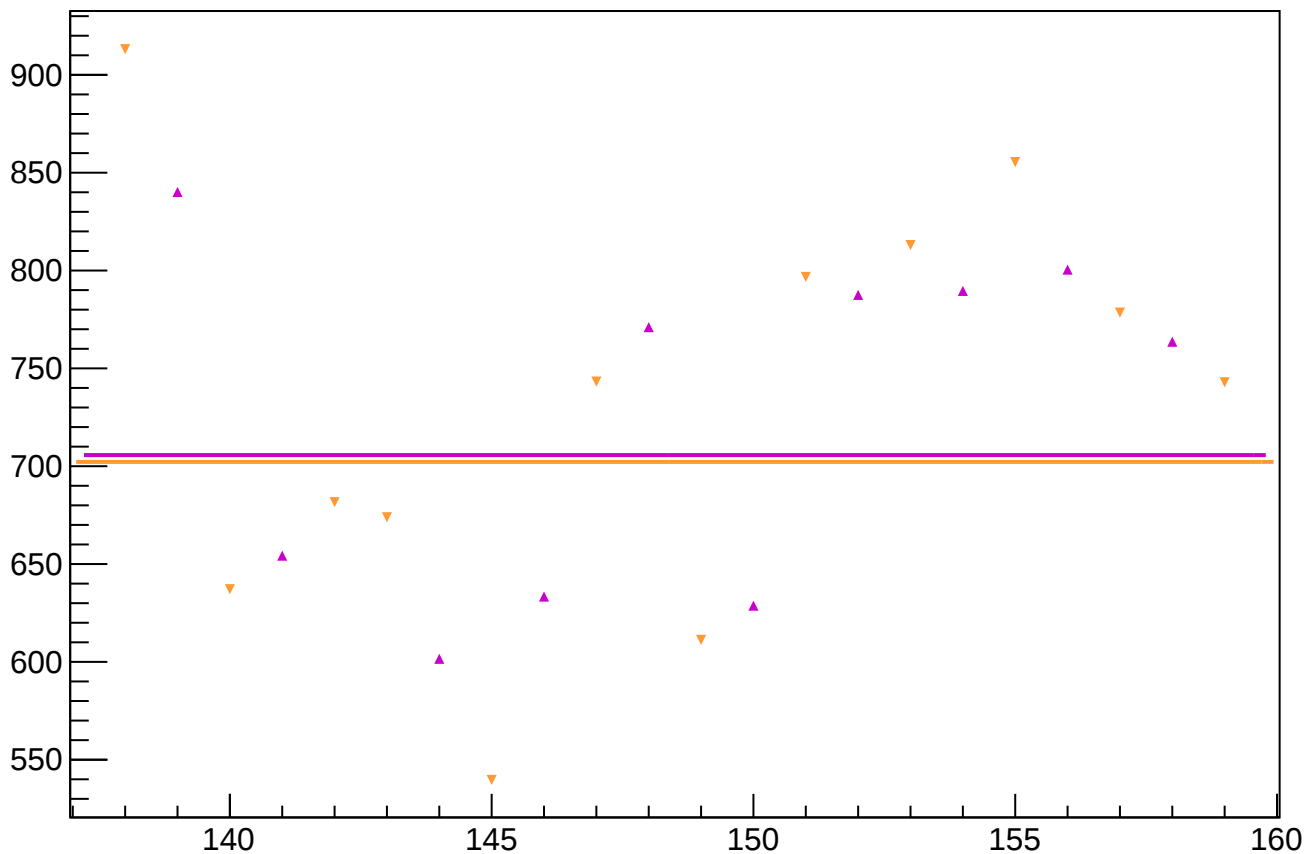
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.353+/-247.899 χ^2/NDF :5.6/9

Out: -1180.119+/-236.127 χ^2/NDF :14.5/11

All: -385.963+/-170.977 χ^2/NDF : 43.9/21

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.206+/-0.167 χ^2/NDF :399438.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 705.694+/-0.175 χ^2/NDF :228051.5/9

Left: 703.865+/-0.121 χ^2/NDF : 627697.0/21

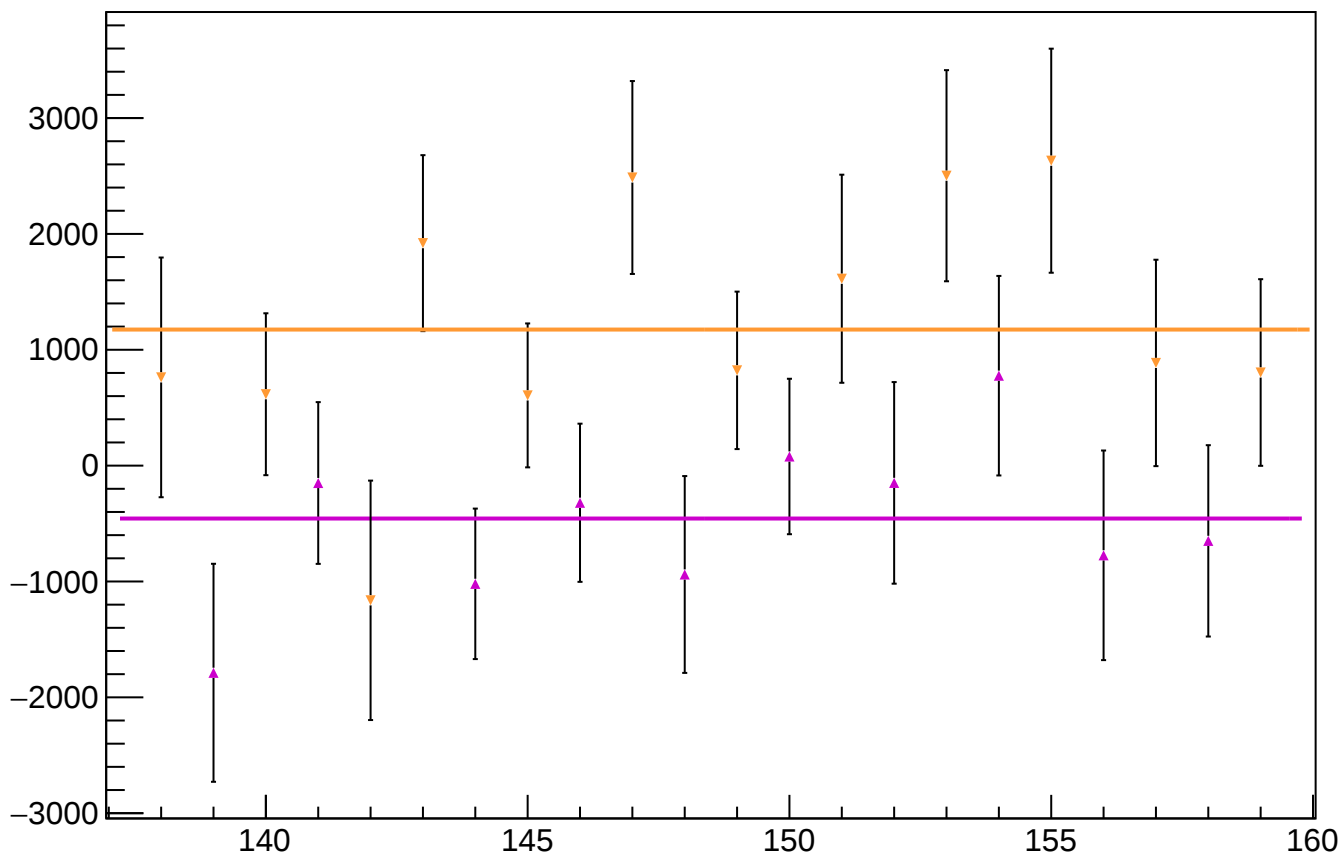
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 705.694+/-0.175 χ^2/NDF :228051.5/9

Out: 702.206+/-0.167 χ^2/NDF :399438.1/11

All: 703.865+/-0.121 χ^2/NDF : 627697.0/21

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1174.485+/-234.603 χ^2/NDF :15.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -456.624+/-244.963 χ^2/NDF :6.3/9

Left: 394.153+/-169.434 χ^2/NDF : 44.8/21

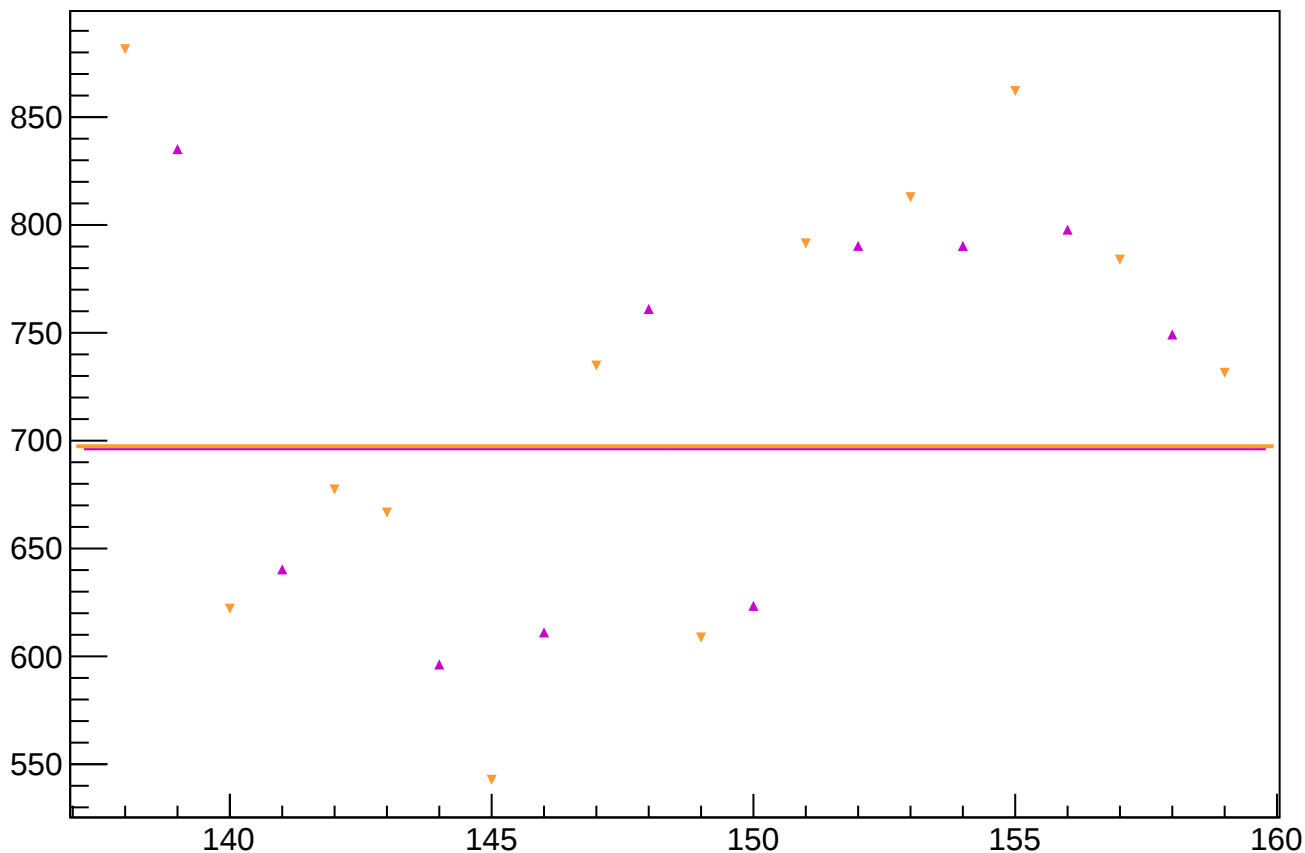
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -456.624+/-244.963 χ^2/NDF :6.3/9

Out: 1174.485+/-234.603 χ^2/NDF :15.4/11

All: 394.153+/-169.434 χ^2/NDF : 44.8/21

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 697.407+/-0.166 χ^2/NDF :387132.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 696.457+/-0.173 χ^2/NDF :250858.3/9

Left: 696.953+/-0.120 χ^2/NDF : 638006.9/21

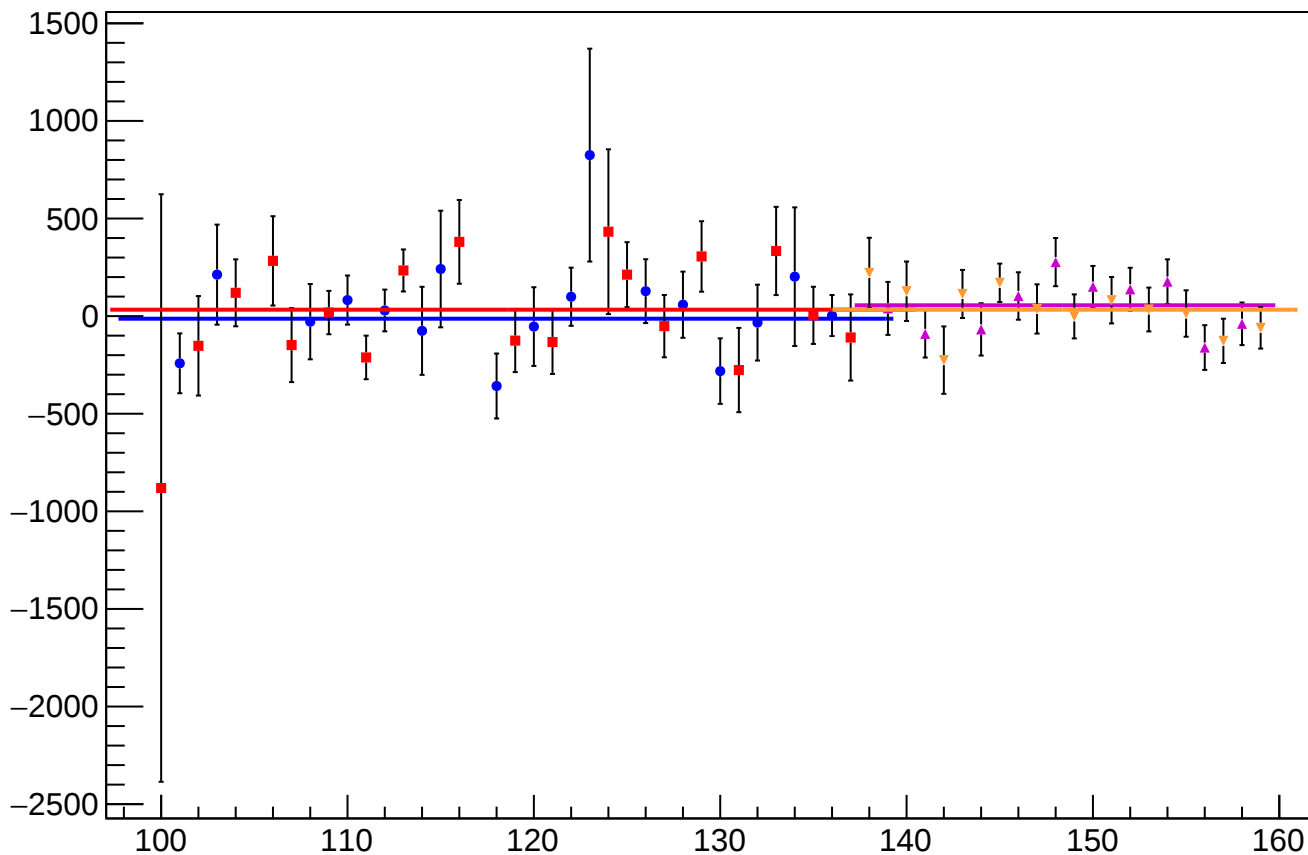
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 696.457+/-0.173 χ^2/NDF :250858.3/9

Out: 697.407+/-0.166 χ^2/NDF :387132.9/11

All: 696.953+/-0.120 χ^2/NDF : 638006.9/21

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 32.802 ± 35.241 χ^2/NDF : 9.1/11

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 55.483 ± 37.316 χ^2/NDF : 12.5/9

Left: 43.494 ± 25.622 χ^2/NDF : 21.8/21

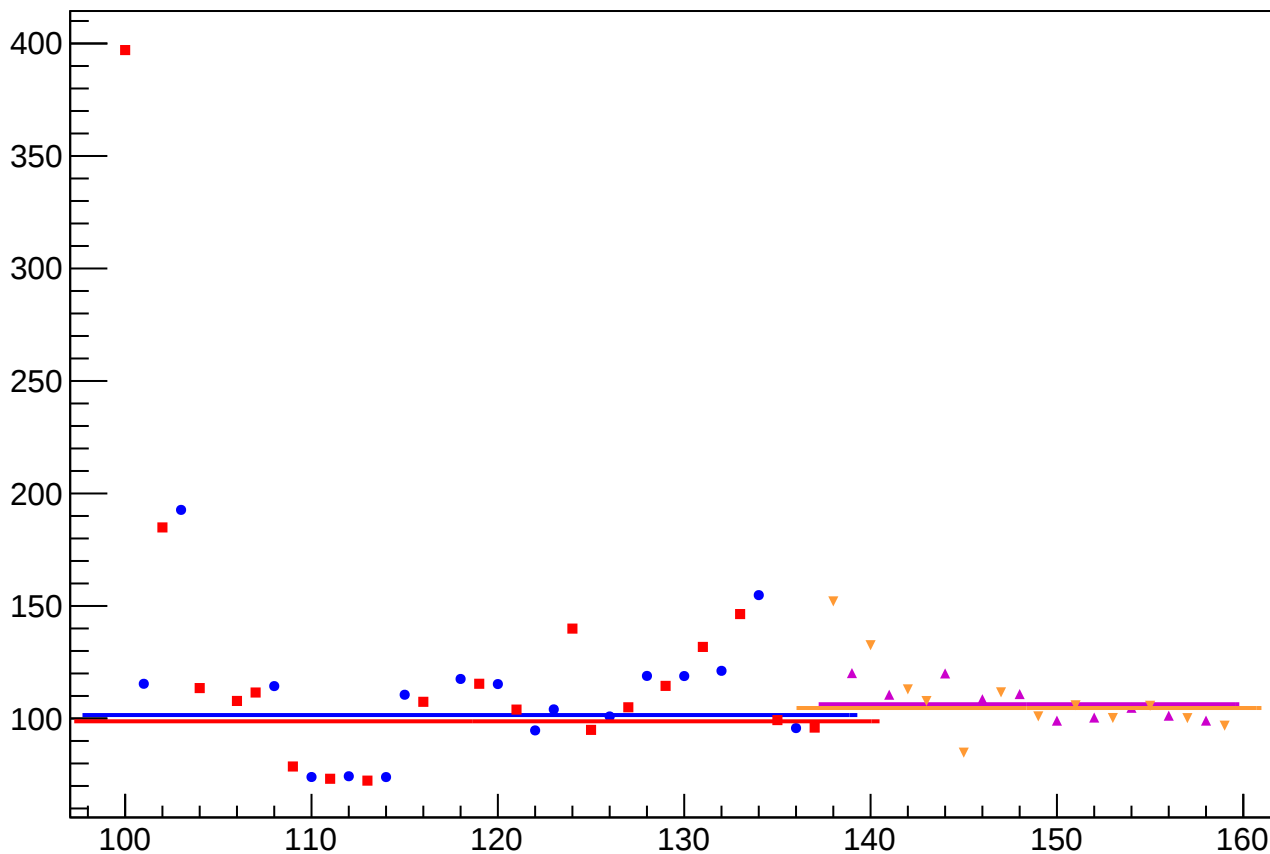
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 23.985 ± 27.460 χ^2/NDF : 29.7/26

Out: 32.903 ± 26.111 χ^2/NDF : 34.2/30

All: 28.669 ± 18.922 χ^2/NDF : 64.0/57

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 $\chi^2/\text{NDF}: 681713.7/16$

Left Out: 104.646 ± 0.025 $\chi^2/\text{NDF}: 319081.2/11$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF}: 825631.4/18$

Left In: 106.328 ± 0.026 $\chi^2/\text{NDF}: 75738.8/9$

Left: 105.439 ± 0.018 $\chi^2/\text{NDF}: 396969.1/21$

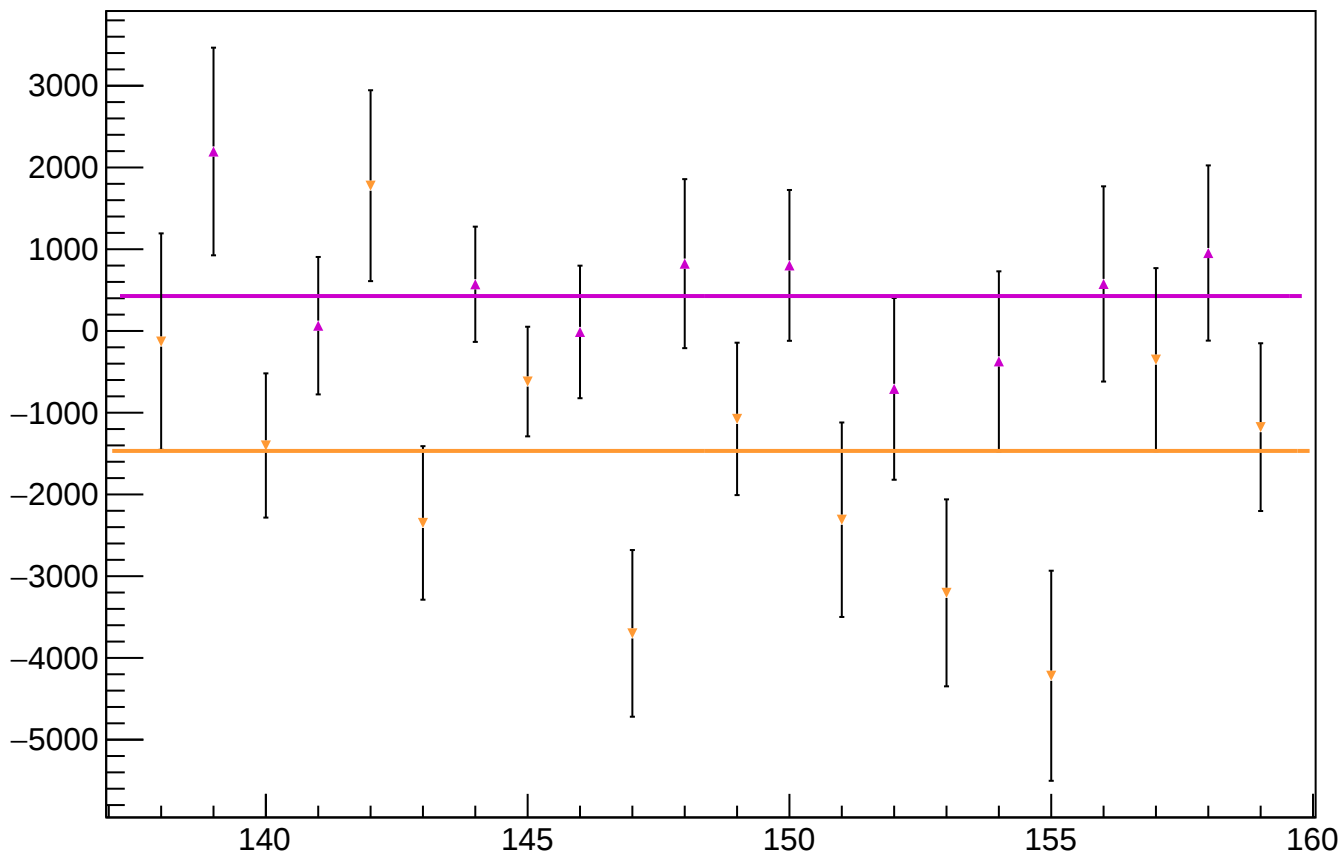
Right: 100.069 ± 0.020 $\chi^2/\text{NDF}: 1512254.1/35$

In: 104.123 ± 0.019 $\chi^2/\text{NDF}: 772684.1/26$

Out: 101.980 ± 0.018 $\chi^2/\text{NDF}: 1170084.0/30$

All: 102.998 ± 0.013 $\chi^2/\text{NDF}: 1949166.4/57$

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1467.550+/-290.096 χ^2/NDF :24.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 427.290+/-303.129 χ^2/NDF :4.6/9

Left: -561.741+/-209.585 χ^2/NDF : 49.7/21

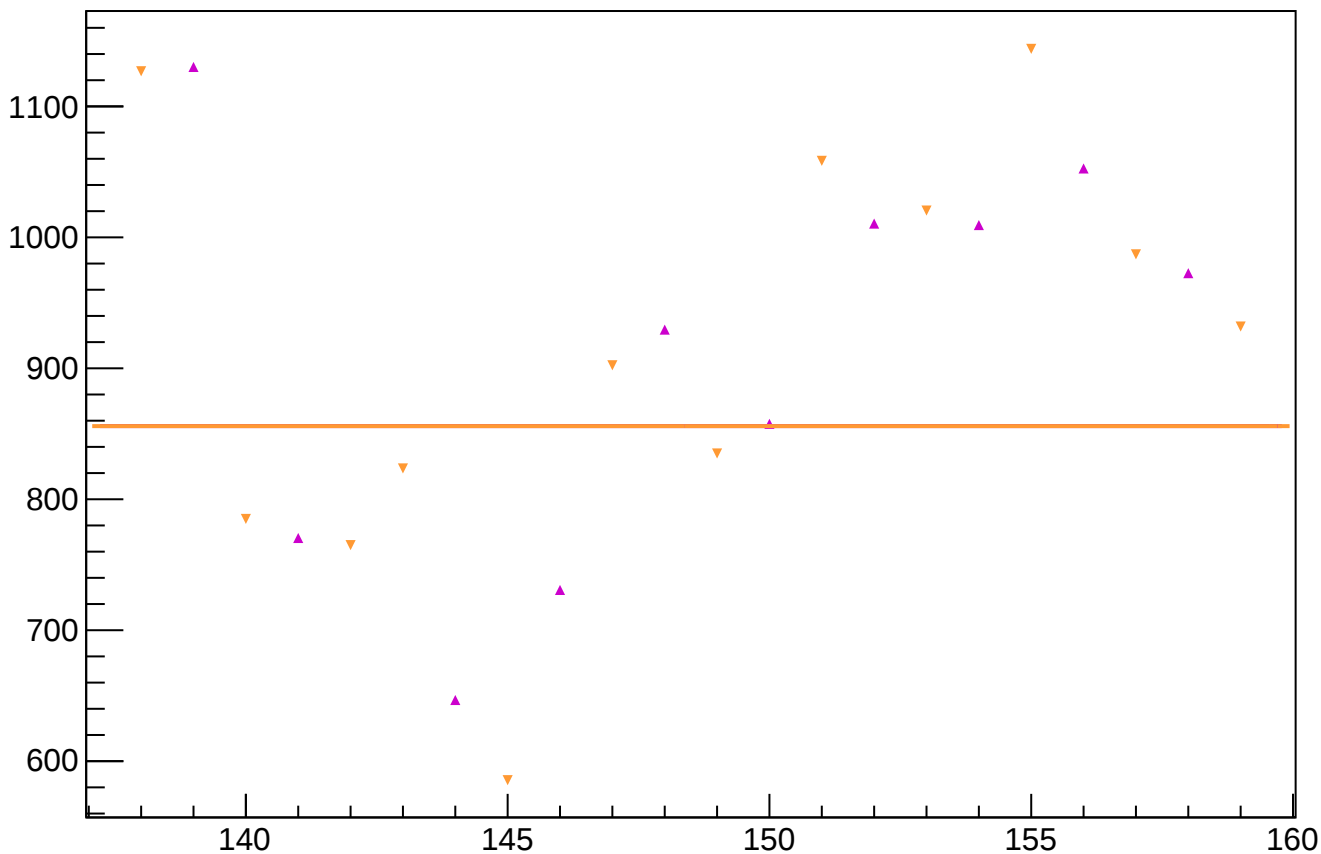
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.290+/-303.129 χ^2/NDF :4.6/9

Out: -1467.550+/-290.096 χ^2/NDF :24.7/11

All: -561.741+/-209.585 χ^2/NDF : 49.7/21

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 855.850+/-0.205 χ^2/NDF : 679837.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 855.897+/-0.214 χ^2/NDF : 503299.9/9

Left: 855.873+/-0.148 χ^2/NDF : 1183137.0/21

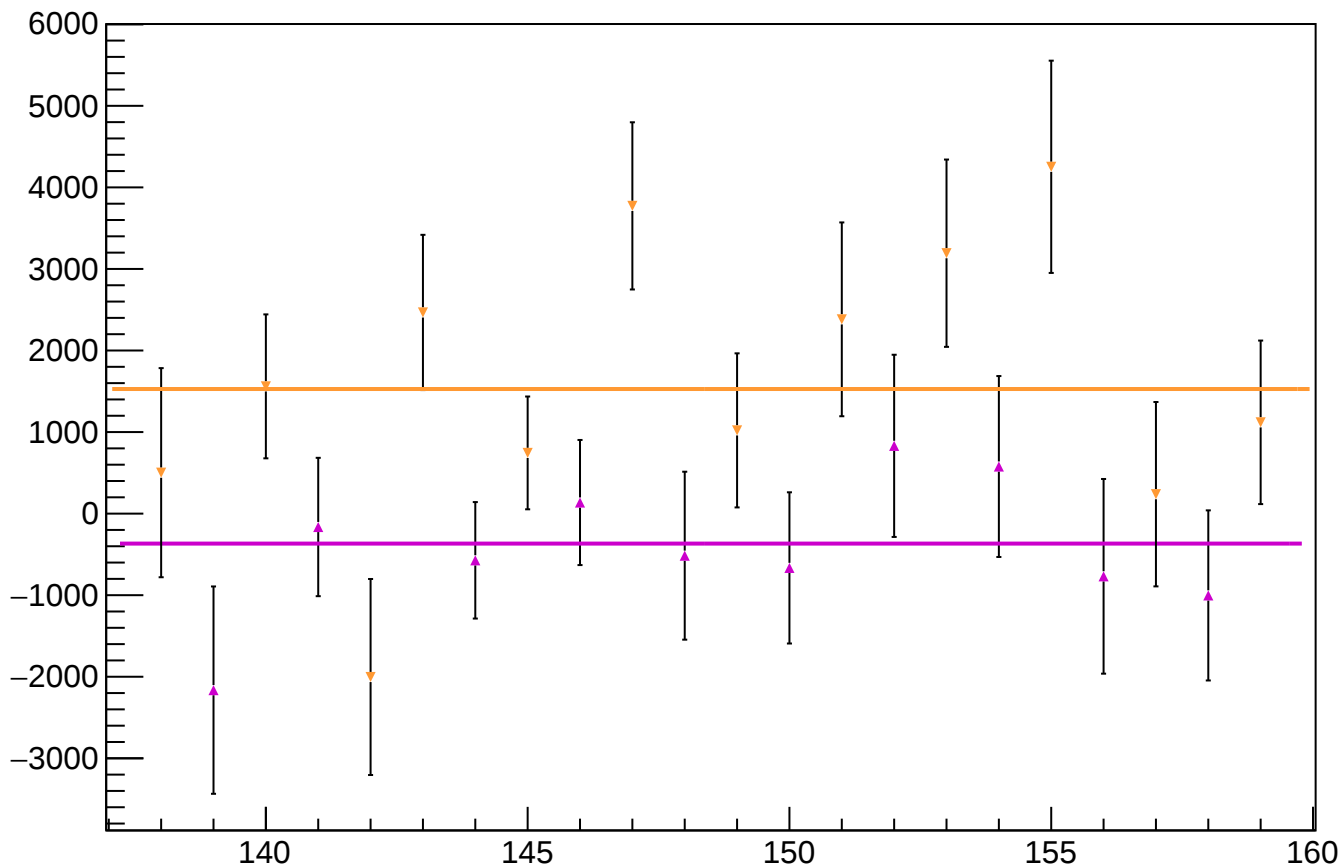
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 855.897+/-0.214 χ^2/NDF : 503299.9/9

Out: 855.850+/-0.205 χ^2/NDF : 679837.1/11

All: 855.873+/-0.148 χ^2/NDF : 1183137.0/21

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1527.886+/-292.498 χ^2/NDF :25.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -367.370+/-301.328 χ^2/NDF :5.1/9

Left: 608.435+/-209.879 χ^2/NDF : 50.5/21

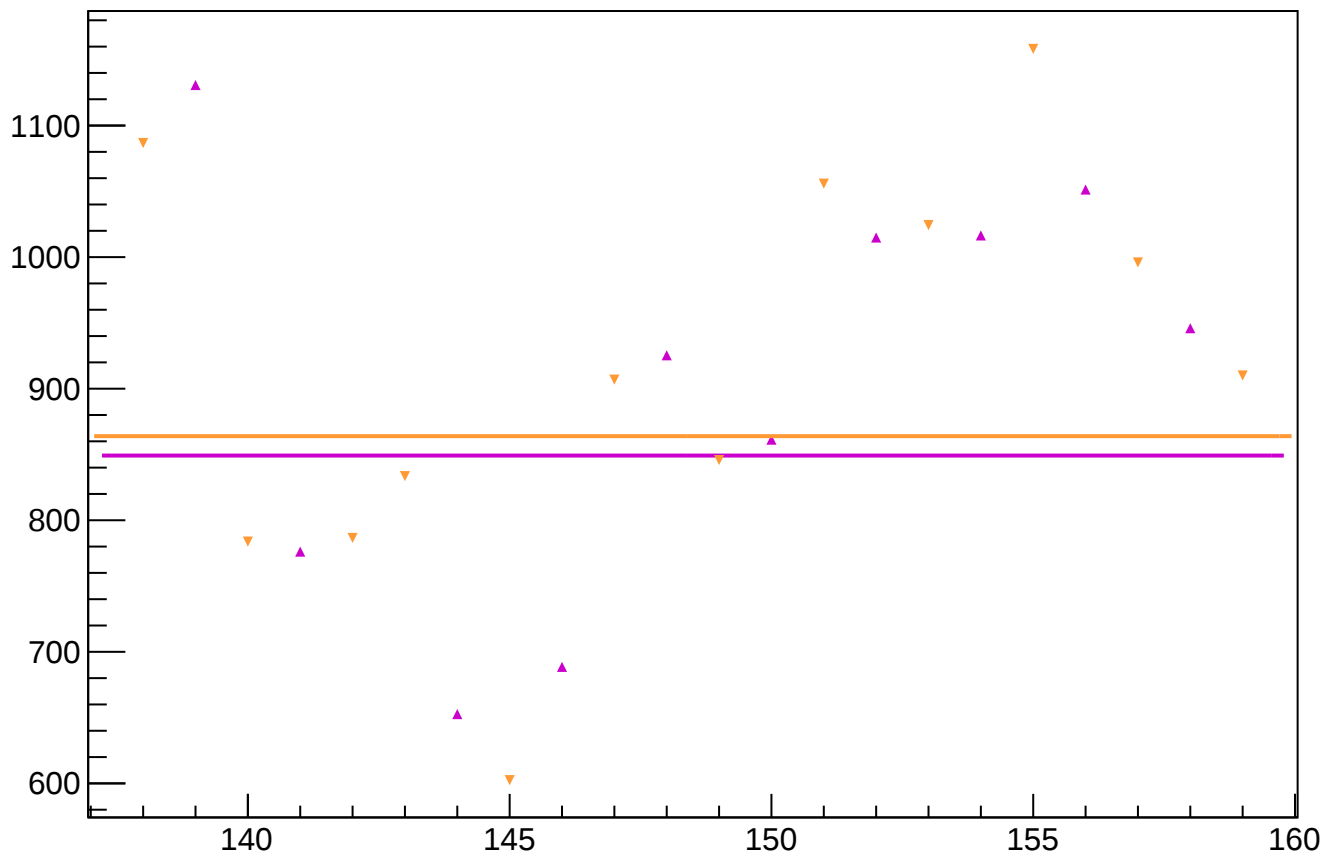
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -367.370+/-301.328 χ^2/NDF :5.1/9

Out: 1527.886+/-292.498 χ^2/NDF :25.1/11

All: 608.435+/-209.879 χ^2/NDF : 50.5/21

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.917+/-0.207 χ^2/NDF :602498.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 849.181+/-0.213 χ^2/NDF :527646.8/9

Left: 856.768+/-0.148 χ^2/NDF : 1132607.6/21

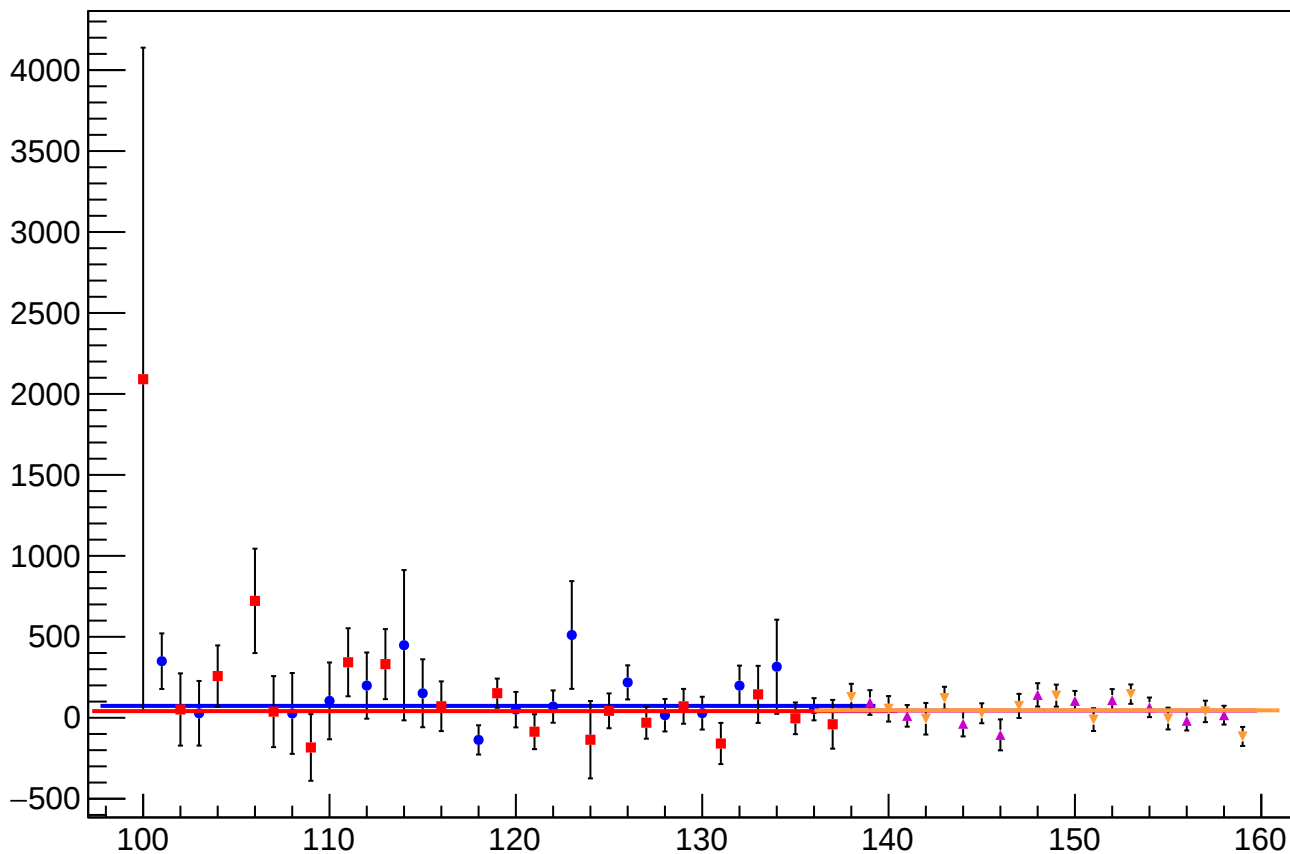
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 849.181+/-0.213 χ^2/NDF :527646.8/9

Out: 863.917+/-0.207 χ^2/NDF :602498.0/11

All: 856.768+/-0.148 χ^2/NDF : 1132607.6/21

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: 46.056 $\pm$ 20.009 χ^2 /NDF:16.0/11

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 44.358 $\pm$ 21.366 χ^2 /NDF:9.3/9

Left: 45.263 $\pm$ 14.605 χ^2 /NDF: 25.3/21

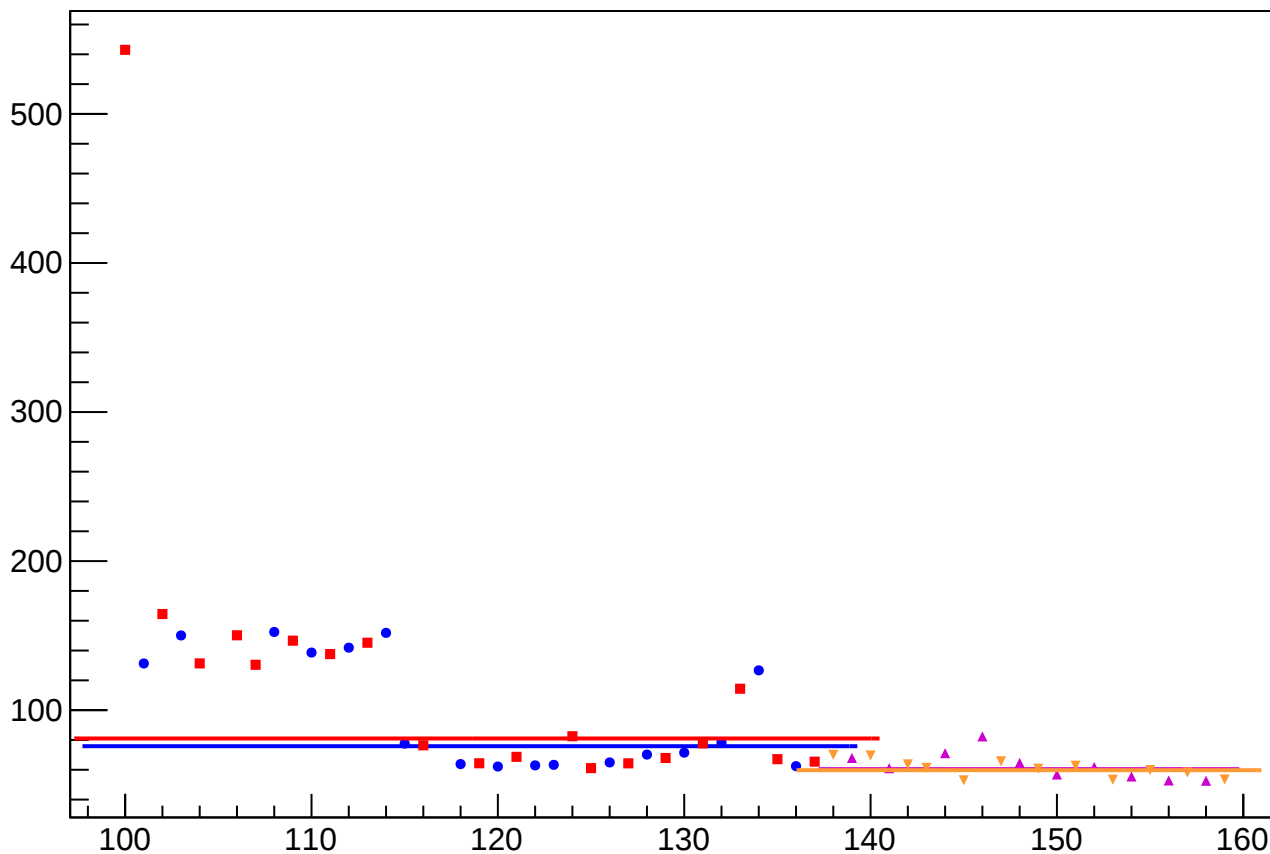
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 53.701 $\pm$ 17.603 χ^2 /NDF:25.2/26

Out: 44.713 $\pm$ 17.073 χ^2 /NDF:35.2/30

All: 49.070 $\pm$ 12.256 χ^2 /NDF: 60.5/57

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: 59.727 $\pm$ 0.014 χ^2 /NDF:154863.0/11

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 60.413 $\pm$ 0.015 χ^2 /NDF:258277.6/9

Left: 60.047 $\pm$ 0.010 χ^2 /NDF: 414238.8/21

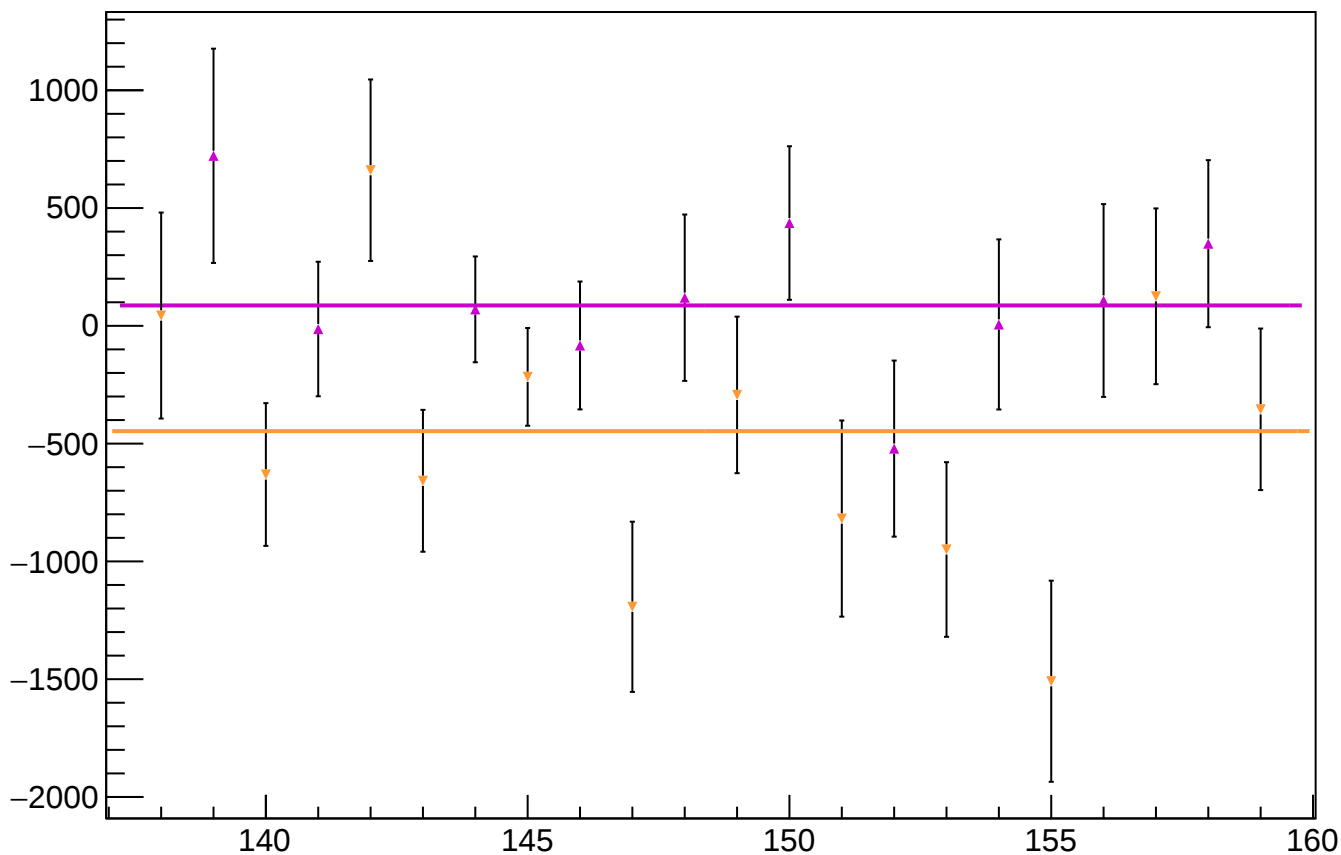
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 65.362 $\pm$ 0.012 χ^2 /NDF:1942265.4/26

Out: 65.512 $\pm$ 0.012 χ^2 /NDF:2397467.0/30

All: 65.439 $\pm$ 0.009 χ^2 /NDF: 4339807.2/57

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -446.942+/-96.198 χ^2/NDF :27.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 86.594+/-101.703 χ^2/NDF :6.9/9

Left: -195.004+/-69.887 χ^2/NDF : 48.7/21

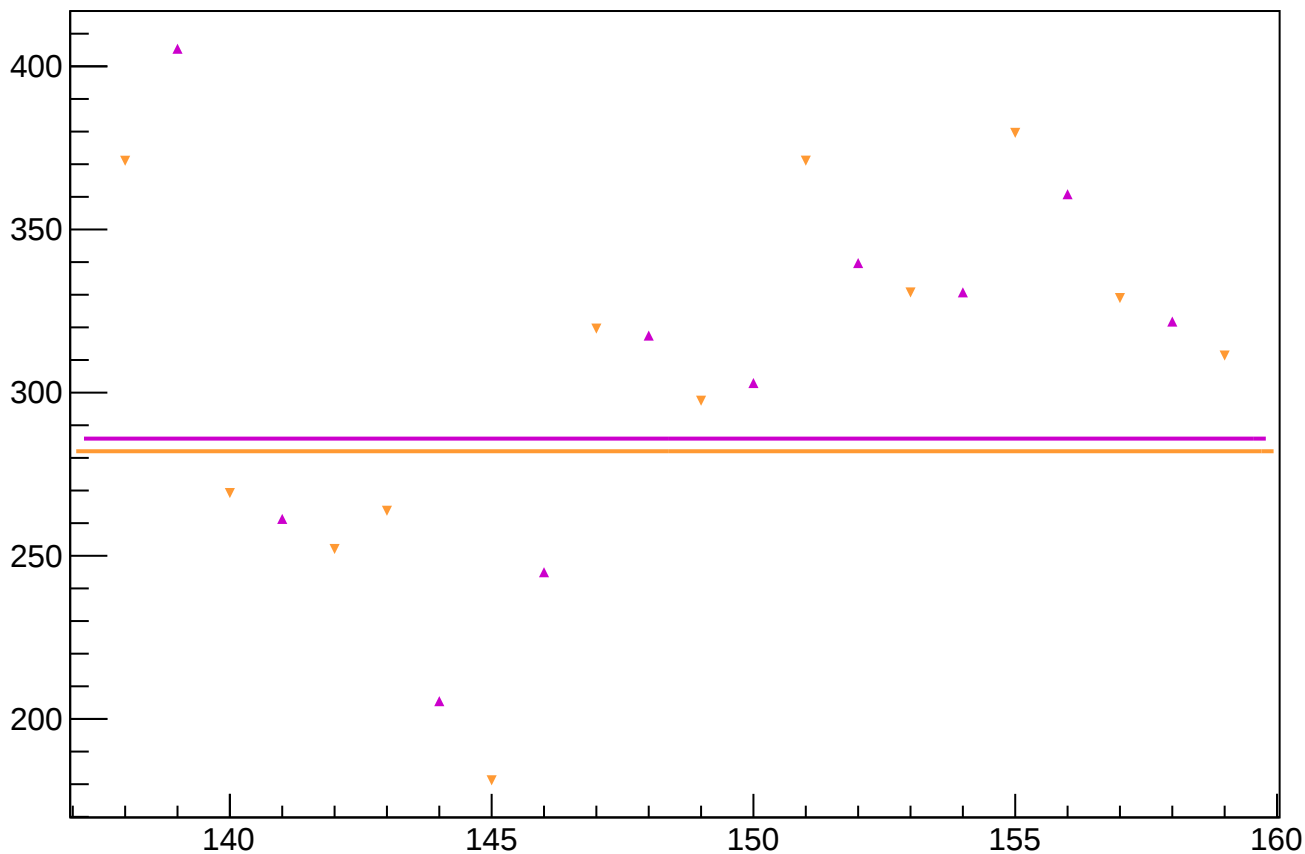
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.594+/-101.703 χ^2/NDF :6.9/9

Out: -446.942+/-96.198 χ^2/NDF :27.3/11

All: -195.004+/-69.887 χ^2/NDF : 48.7/21

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.037+/-0.068 χ^2/NDF : 880910.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 285.911+/-0.072 χ^2/NDF : 636293.1/9

Left: 283.866+/-0.049 χ^2/NDF : 1518734.5/21

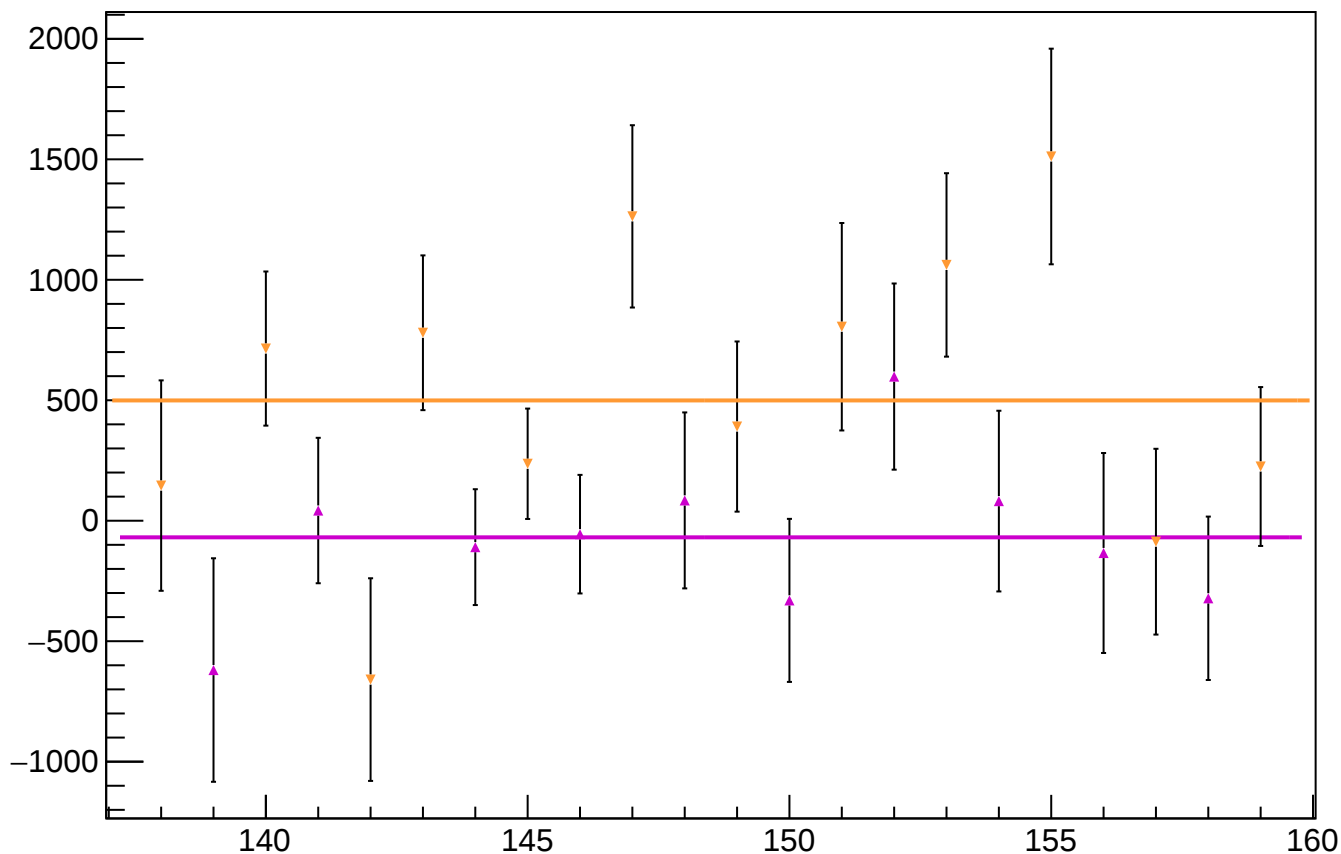
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 285.911+/-0.072 χ^2/NDF : 636293.1/9

Out: 282.037+/-0.068 χ^2/NDF : 880910.3/11

All: 283.866+/-0.049 χ^2/NDF : 1518734.5/21

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 499.295+/-101.200 χ^2/NDF : 25.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -68.920+/-103.146 χ^2/NDF : 6.1/9

Left: 220.597+/-72.237 χ^2/NDF : 47.3/21

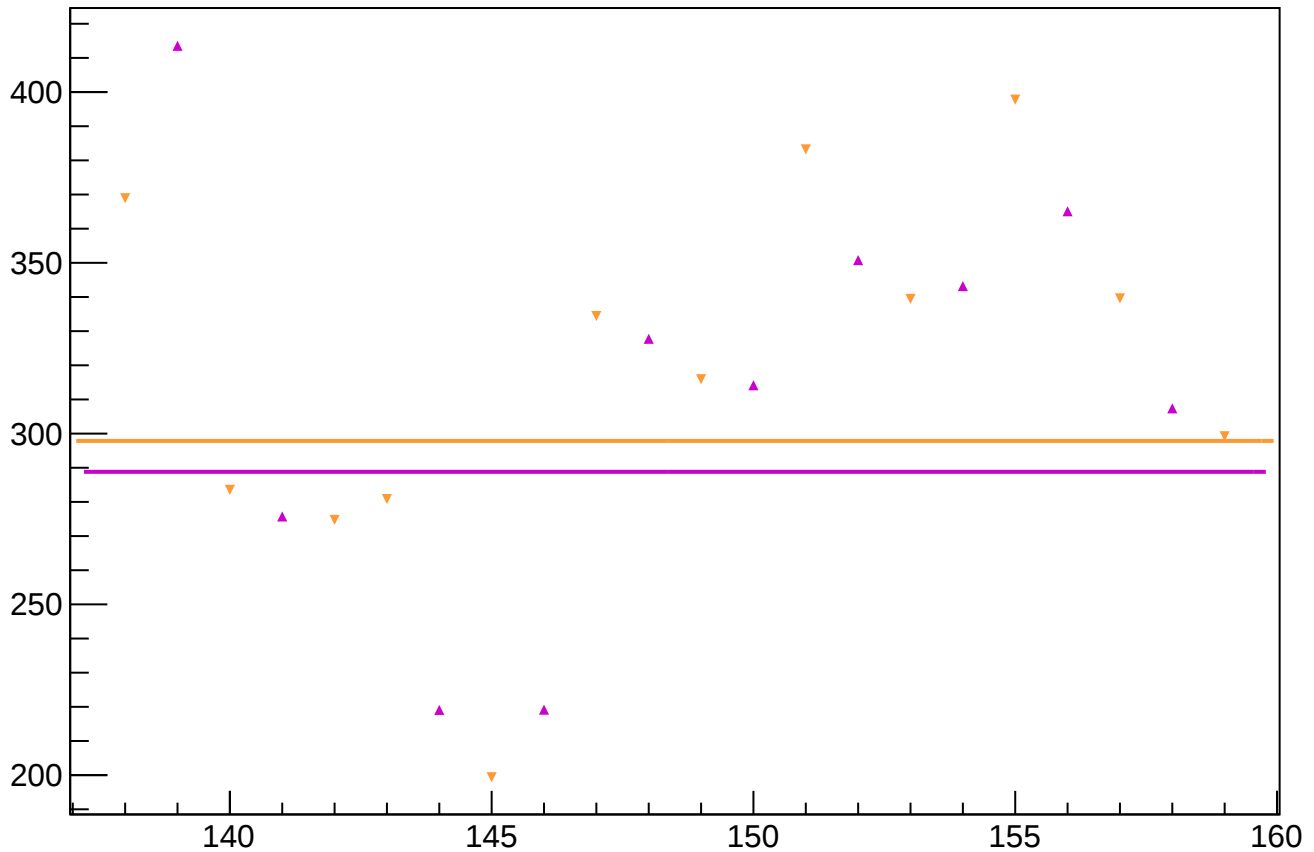
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.920+/-103.146 χ^2/NDF : 6.1/9

Out: 499.295+/-101.200 χ^2/NDF : 25.8/11

All: 220.597+/-72.237 χ^2/NDF : 47.3/21

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 297.864+/-0.072 χ^2/NDF : 687788.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

Left: 293.424+/-0.051 χ^2/NDF : 1373543.8/21

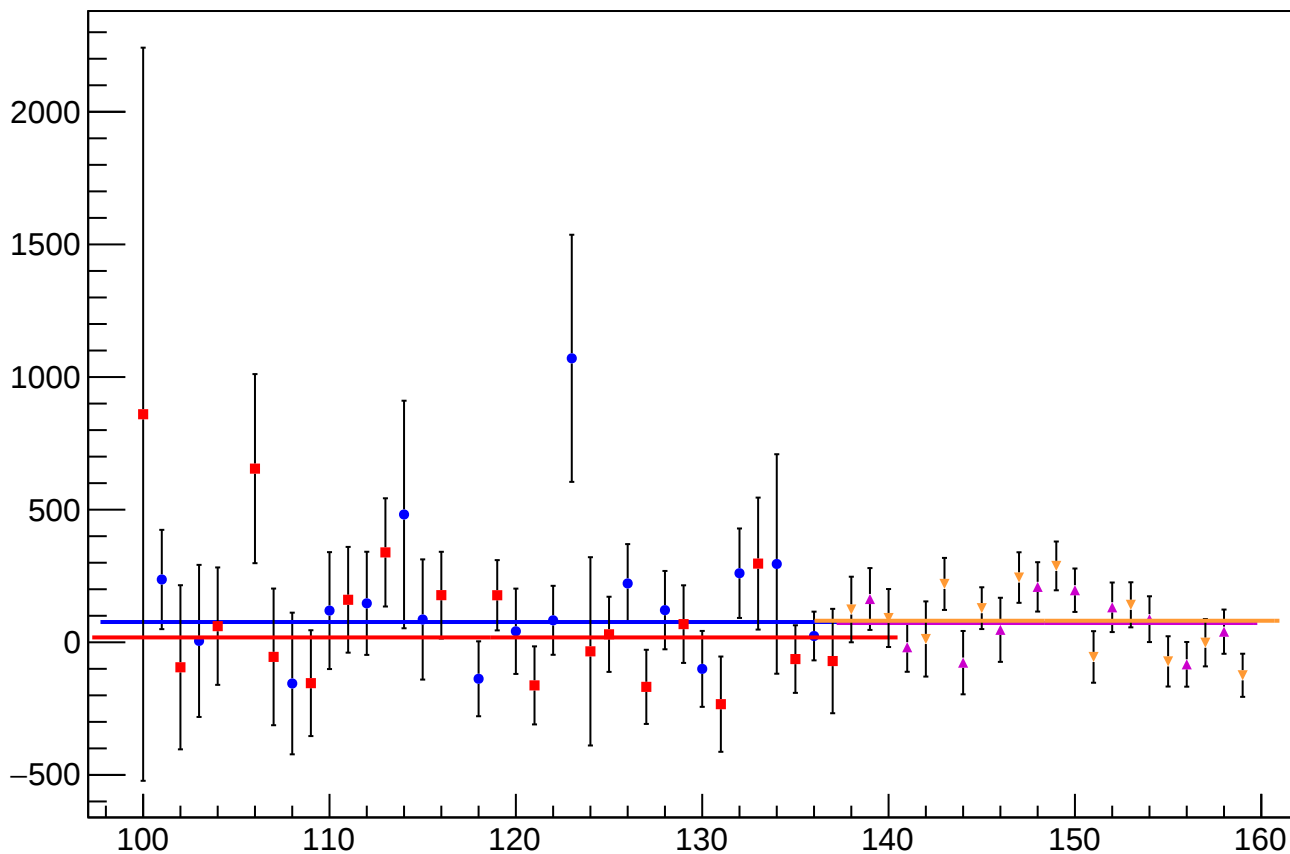
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

Out: 297.864+/-0.072 χ^2/NDF : 687788.6/11

All: 293.424+/-0.051 χ^2/NDF : 1373543.8/21

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: 81.258 $\pm$ 27.474 χ^2 /NDF:23.0/11

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 72.752 $\pm$ 29.785 χ^2 /NDF:11.6/9

Left: 77.348 $\pm$ 20.195 χ^2 /NDF: 34.7/21

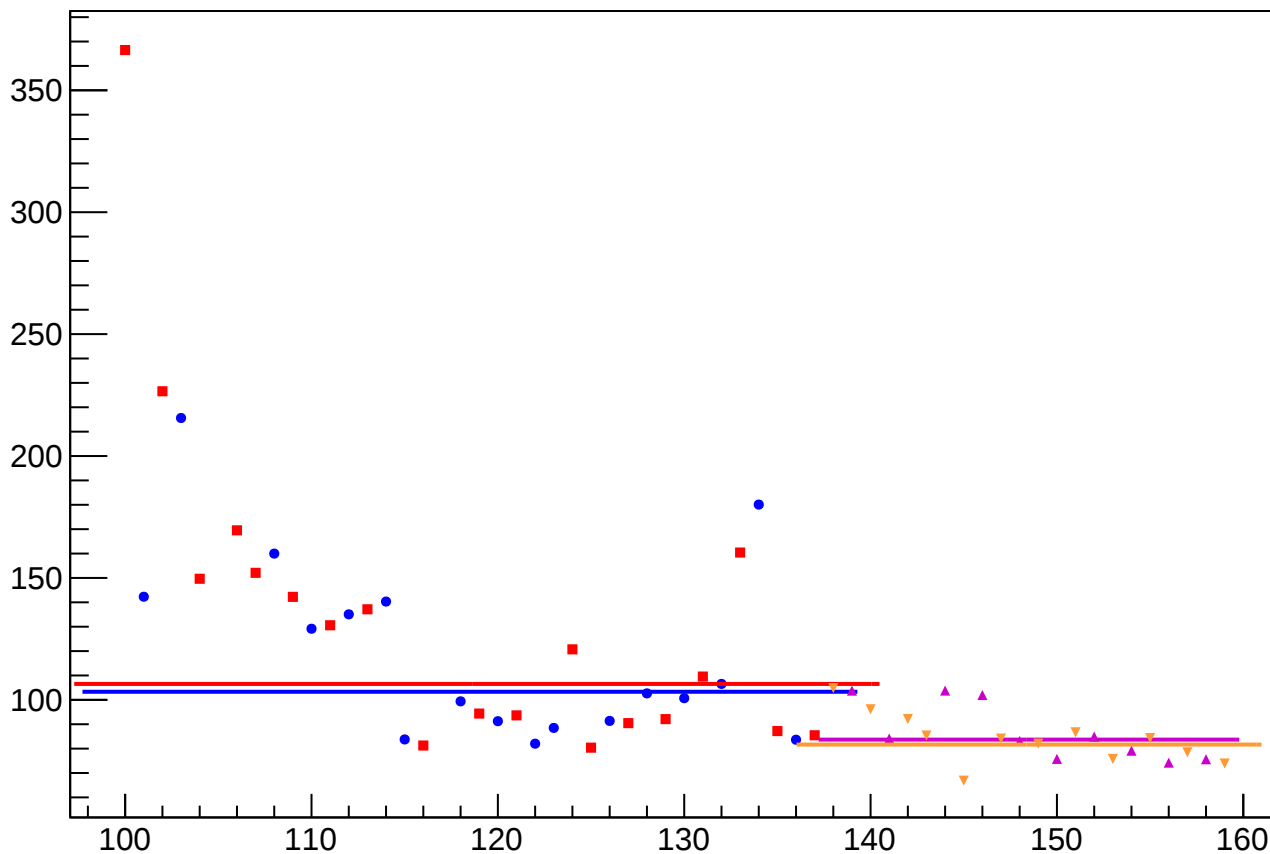
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 74.025 $\pm$ 24.209 χ^2 /NDF:25.5/26

Out: 62.593 $\pm$ 23.037 χ^2 /NDF:41.8/30

All: 68.025 $\pm$ 16.689 χ^2 /NDF: 67.4/57

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 81.665+/-0.019 χ^2/NDF : 228370.5/11

Right Out: 106.532+/-0.030 χ^2/NDF : 1071553.9/18

Left In: 83.695+/-0.021 χ^2/NDF : 230413.5/9

Left: 82.598+/-0.014 χ^2/NDF : 463801.2/21

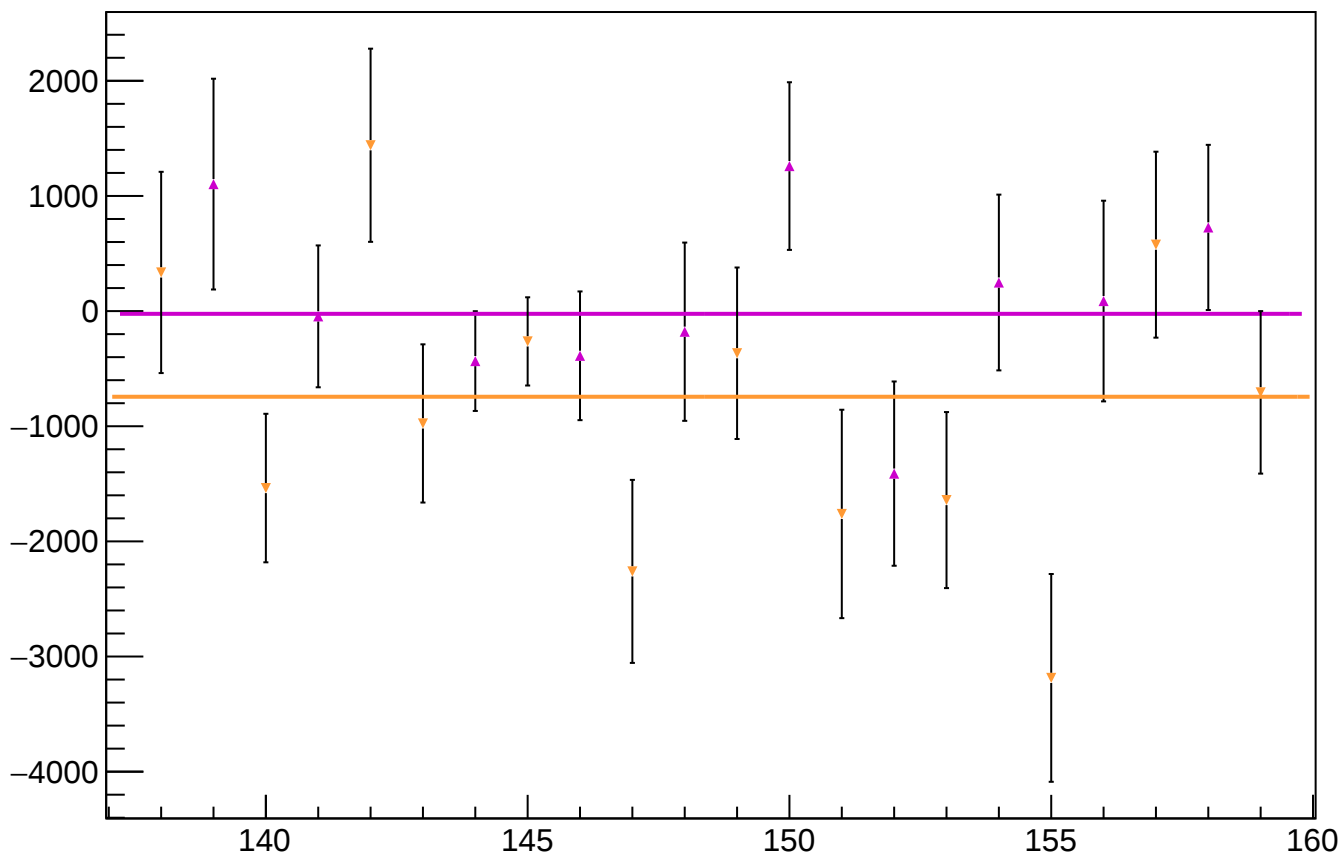
Right: 104.897+/-0.021 χ^2/NDF : 1915236.3/35

In: 90.354+/-0.017 χ^2/NDF : 1362805.7/26

Out: 89.049+/-0.016 χ^2/NDF : 1786407.6/30

All: 89.669+/-0.012 χ^2/NDF : 3152265.3/57

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -743.876+/-199.380 χ^2/NDF :28.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.727+/-211.034 χ^2/NDF :10.2/9

Left: -404.235+/-144.928 χ^2/NDF : 44.4/21

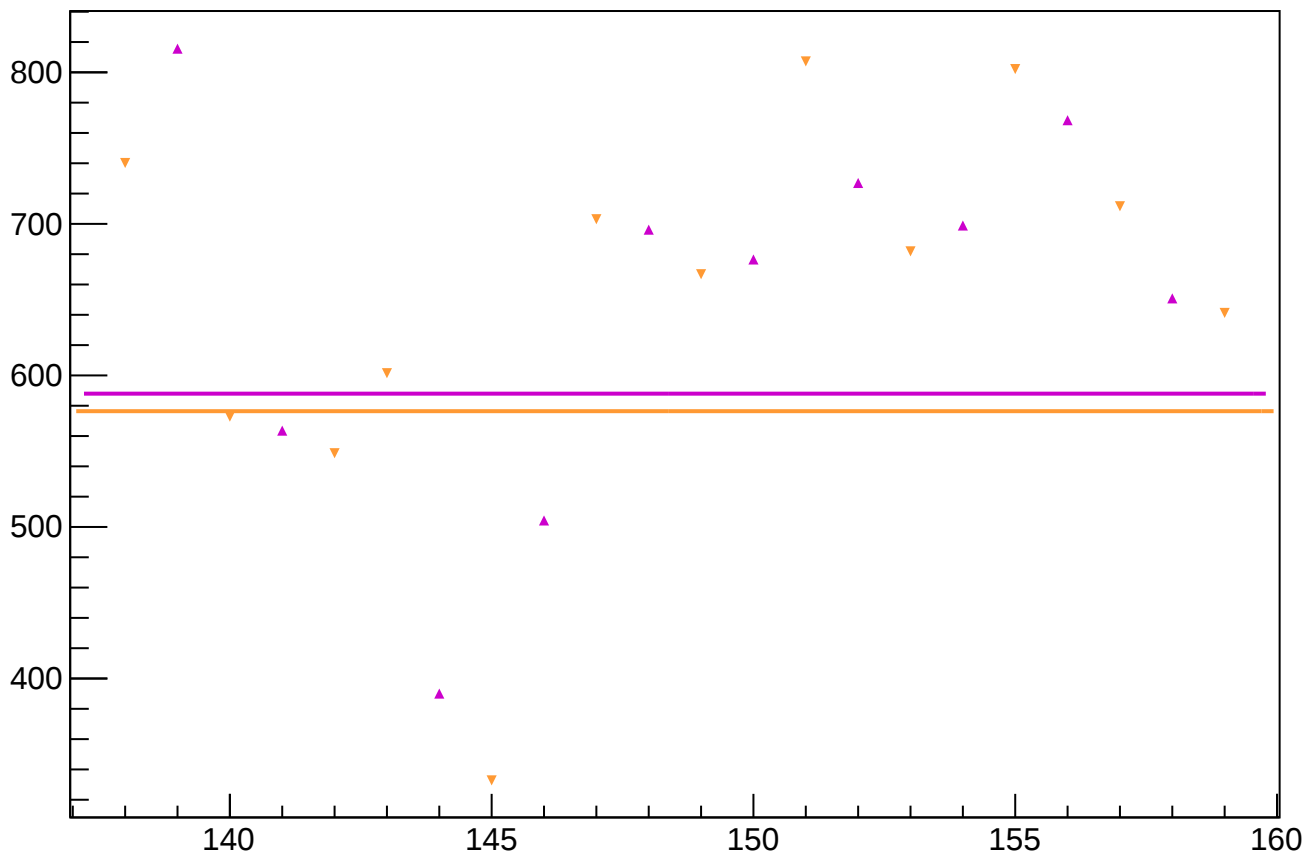
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.727+/-211.034 χ^2/NDF :10.2/9

Out: -743.876+/-199.380 χ^2/NDF :28.1/11

All: -404.235+/-144.928 χ^2/NDF : 44.4/21

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 576.406+/-0.141 χ^2/NDF :1330581.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 587.967+/-0.149 χ^2/NDF :861657.1/9

Left: 581.859+/-0.102 χ^2/NDF : 2195410.8/21

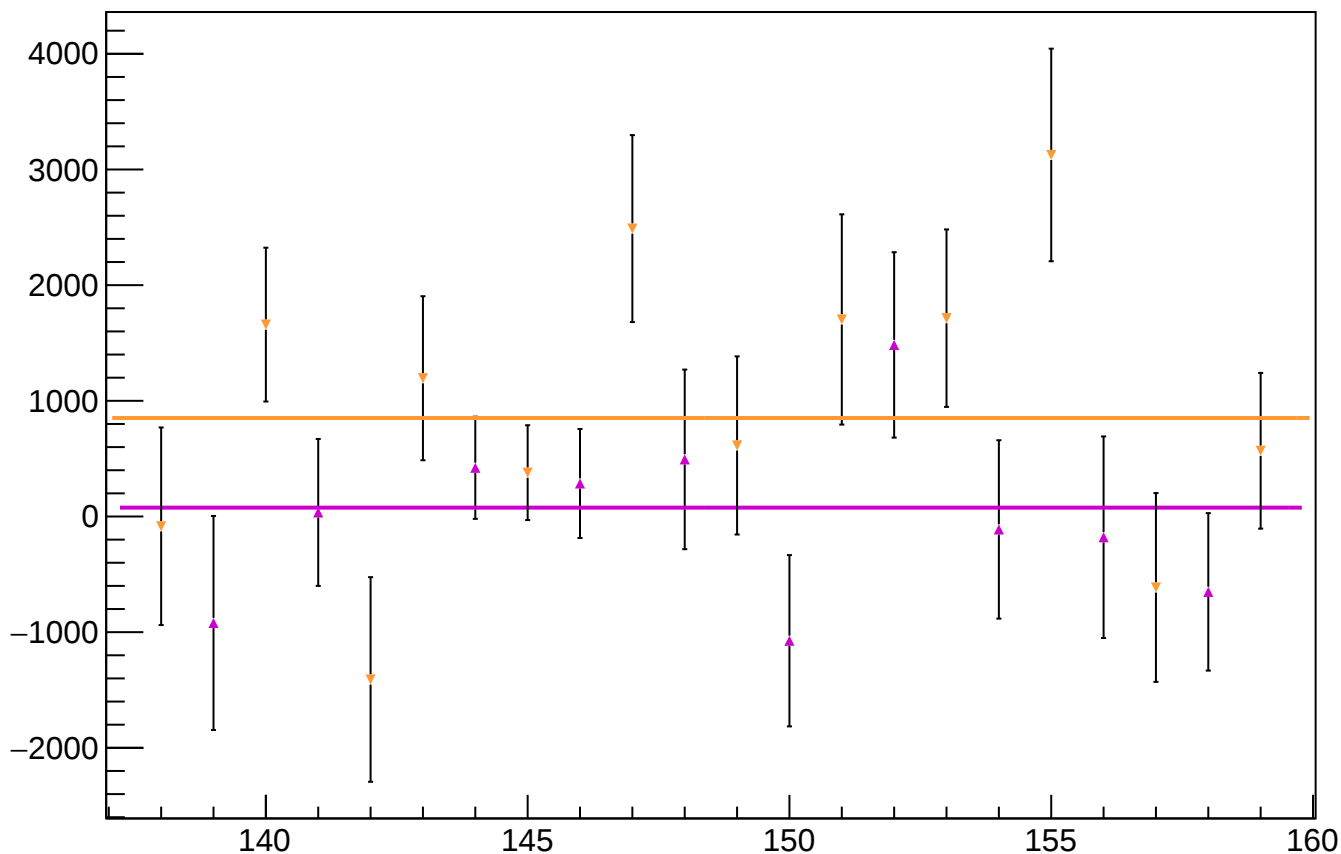
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 587.967+/-0.149 χ^2/NDF :861657.1/9

Out: 576.406+/-0.141 χ^2/NDF :1330581.9/11

All: 581.859+/-0.102 χ^2/NDF : 2195410.8/21

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 851.593+/-204.705 χ^2/NDF : 26.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 76.510+/-206.396 χ^2/NDF : 9.0/9

Left: 467.241+/-145.342 χ^2/NDF : 42.8/21

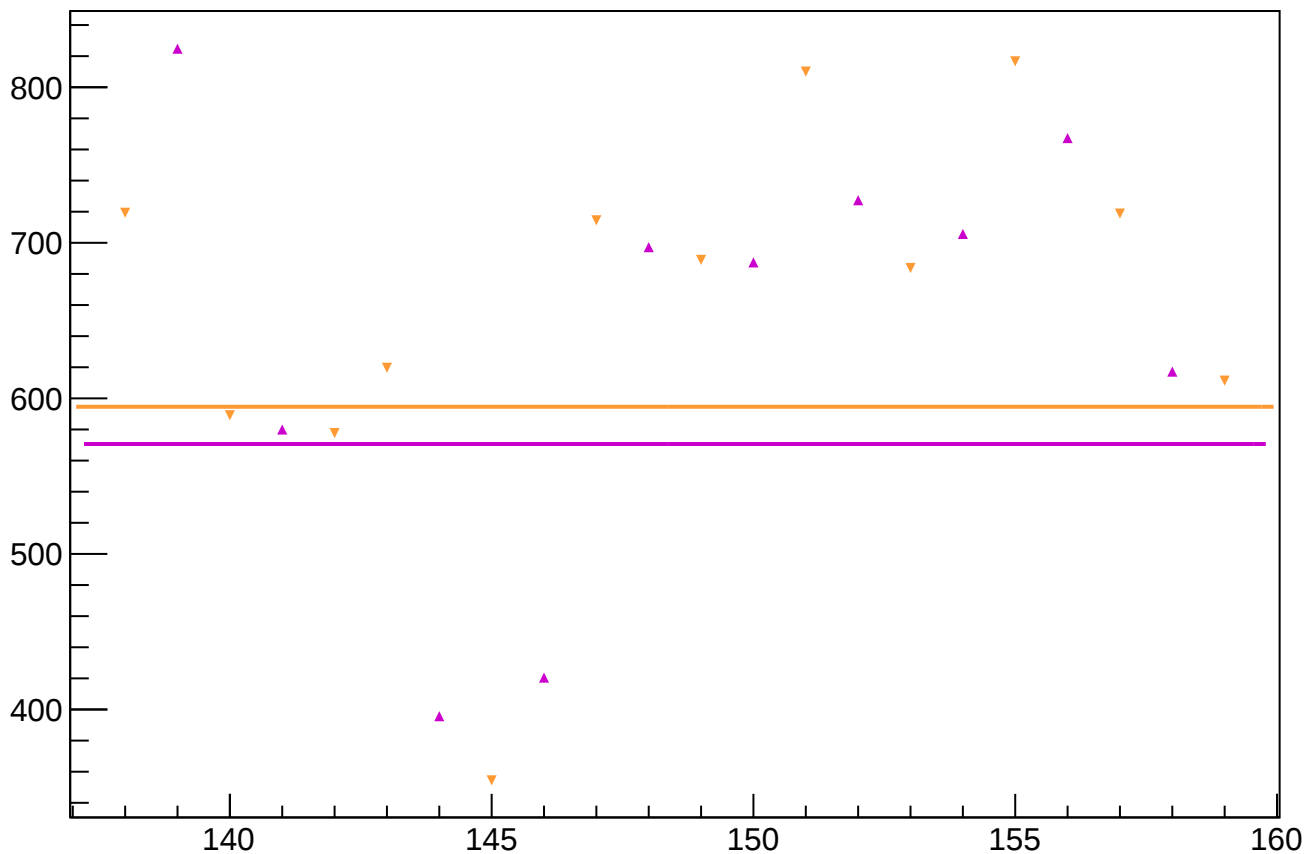
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 76.510+/-206.396 χ^2/NDF : 9.0/9

Out: 851.593+/-204.705 χ^2/NDF : 26.6/11

All: 467.241+/-145.342 χ^2/NDF : 42.8/21

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 594.601+/-0.145 χ^2/NDF :1109970.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

Left: 582.727+/-0.103 χ^2/NDF : 2143881.0/21

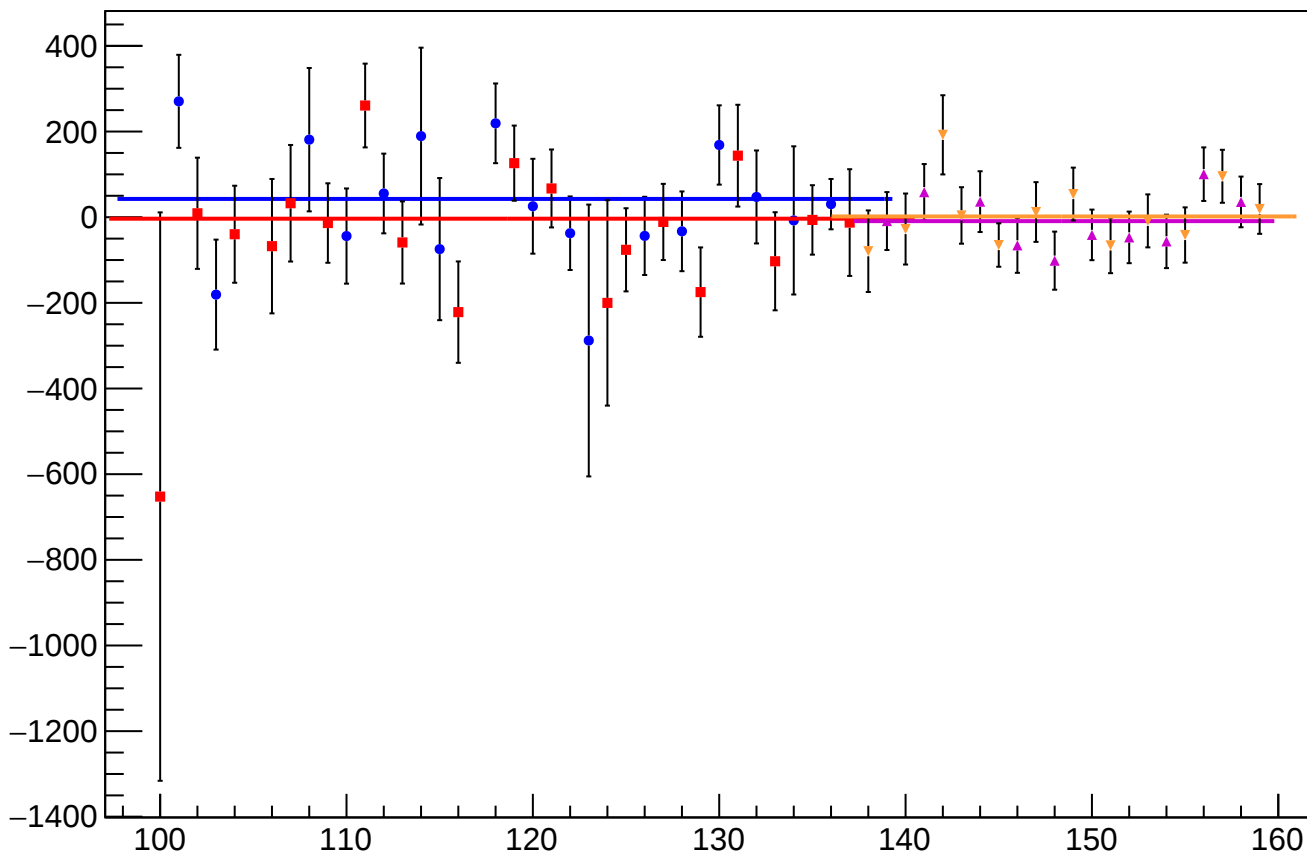
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

Out: 594.601+/-0.145 χ^2/NDF :1109970.8/11

All: 582.727+/-0.103 χ^2/NDF : 2143881.0/21

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: 1.754+/-19.045 χ^2/NDF : 11.5/11

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: -9.197+/-20.118 χ^2/NDF : 9.0/9

Left: -3.421+/-13.831 χ^2/NDF : 20.7/21

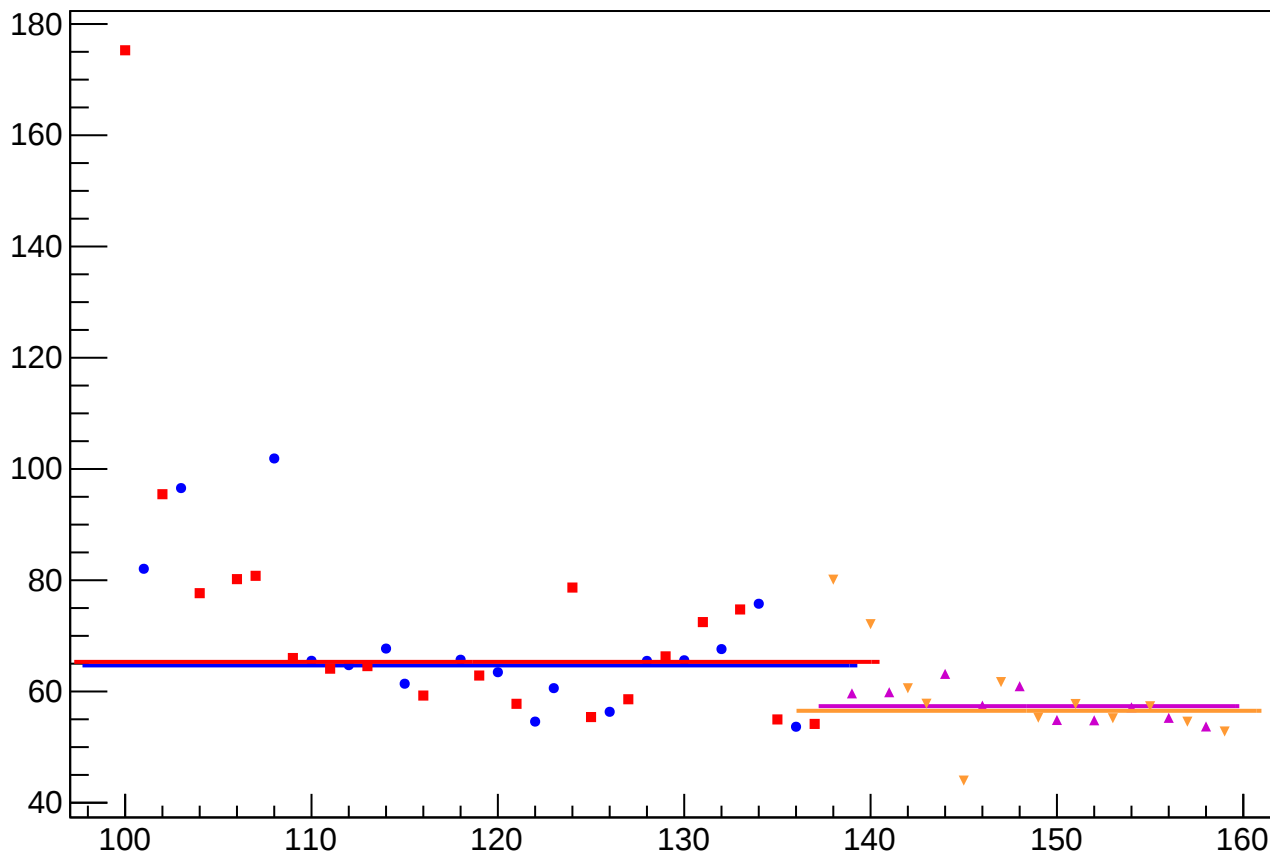
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 10.710+/-15.791 χ^2/NDF : 30.4/26

Out: -0.170+/-15.165 χ^2/NDF : 32.9/30

All: 5.050+/-10.938 χ^2/NDF : 63.6/57

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: 56.529 $\pm$ 0.013 χ^2 /NDF: 344239.9/11

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.362 $\pm$ 0.014 χ^2 /NDF: 41197.5/9

Left: 56.923 $\pm$ 0.010 χ^2 /NDF: 387245.2/21

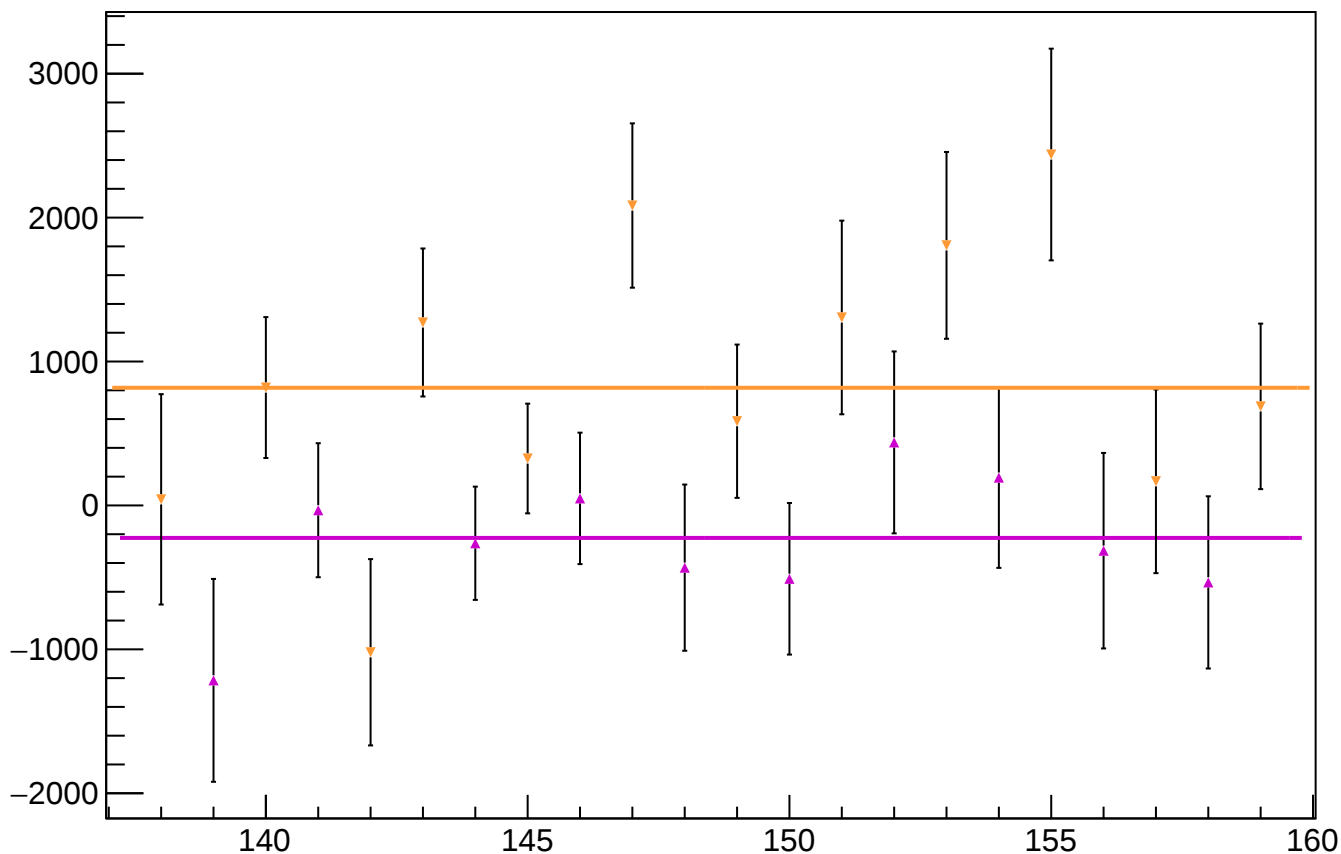
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.174 $\pm$ 0.011 χ^2 /NDF: 543126.3/26

Out: 59.748 $\pm$ 0.011 χ^2 /NDF: 859895.4/30

All: 59.952 $\pm$ 0.008 χ^2 /NDF: 1403779.2/57

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: 817.633+/-163.080 χ^2/NDF : 25.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -225.744+/-170.291 χ^2/NDF : 4.8/9

Left: 318.504+/-117.782 χ^2/NDF : 49.9/21

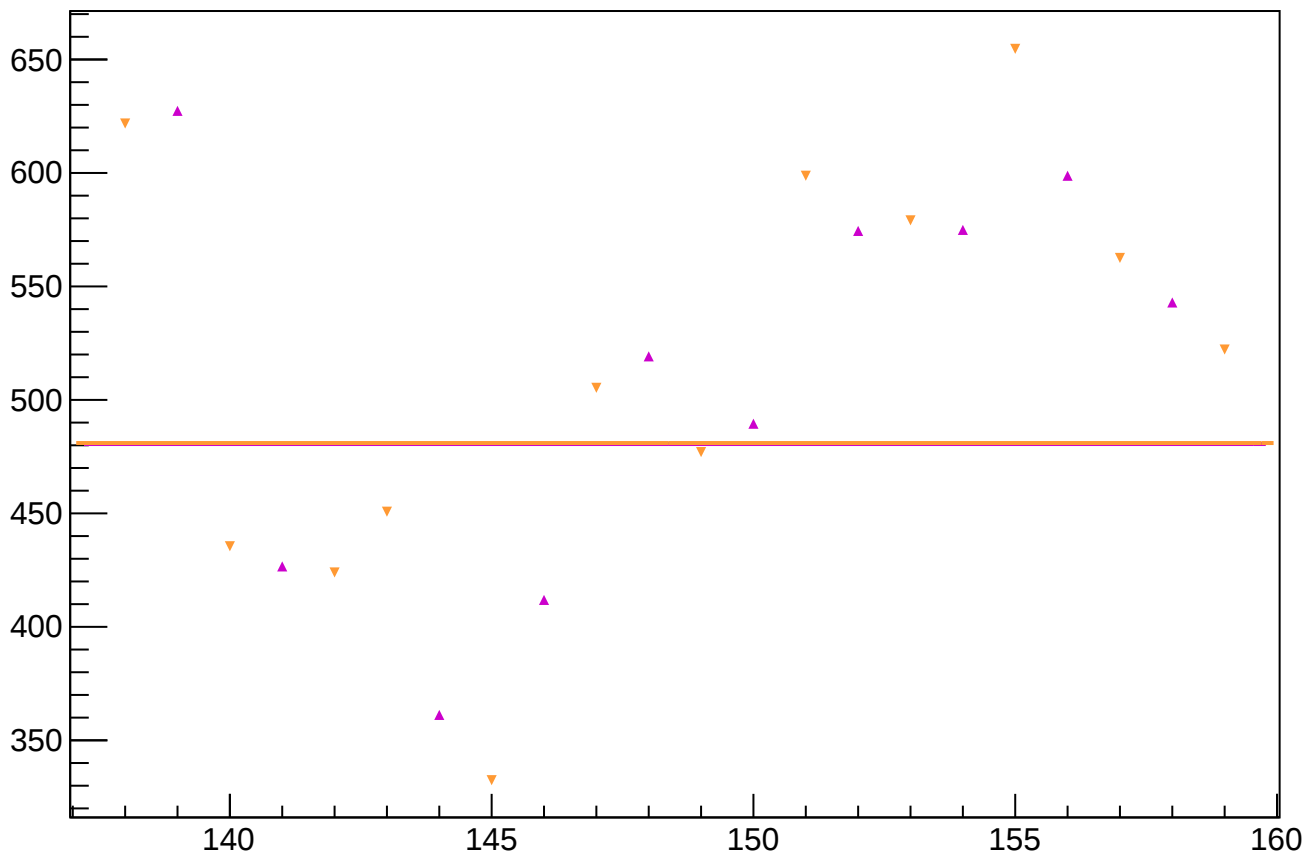
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -225.744+/-170.291 χ^2/NDF : 4.8/9

Out: 817.633+/-163.080 χ^2/NDF : 25.5/11

All: 318.504+/-117.782 χ^2/NDF : 49.9/21

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: 480.997+/-0.115 χ^2/NDF : 683049.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

Left: 480.789+/-0.083 χ^2/NDF : 1207055.7/21

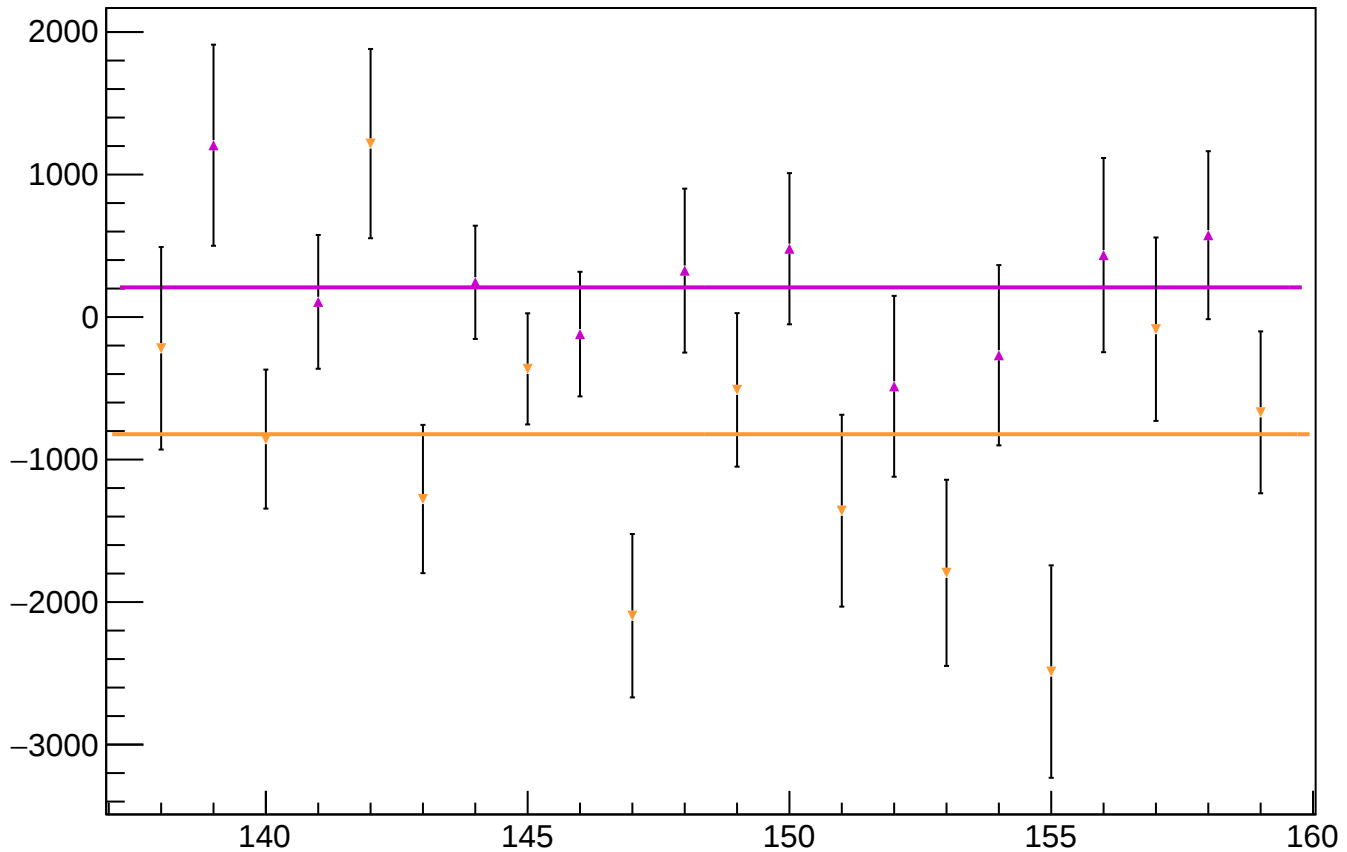
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

Out: 480.997+/-0.115 χ^2/NDF : 683049.6/11

All: 480.789+/-0.083 χ^2/NDF : 1207055.7/21

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -822.128+/-164.229 χ^2/NDF :26.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.282+/-169.749 χ^2/NDF :5.2/9

Left: -323.949+/-118.031 χ^2/NDF : 51.0/21

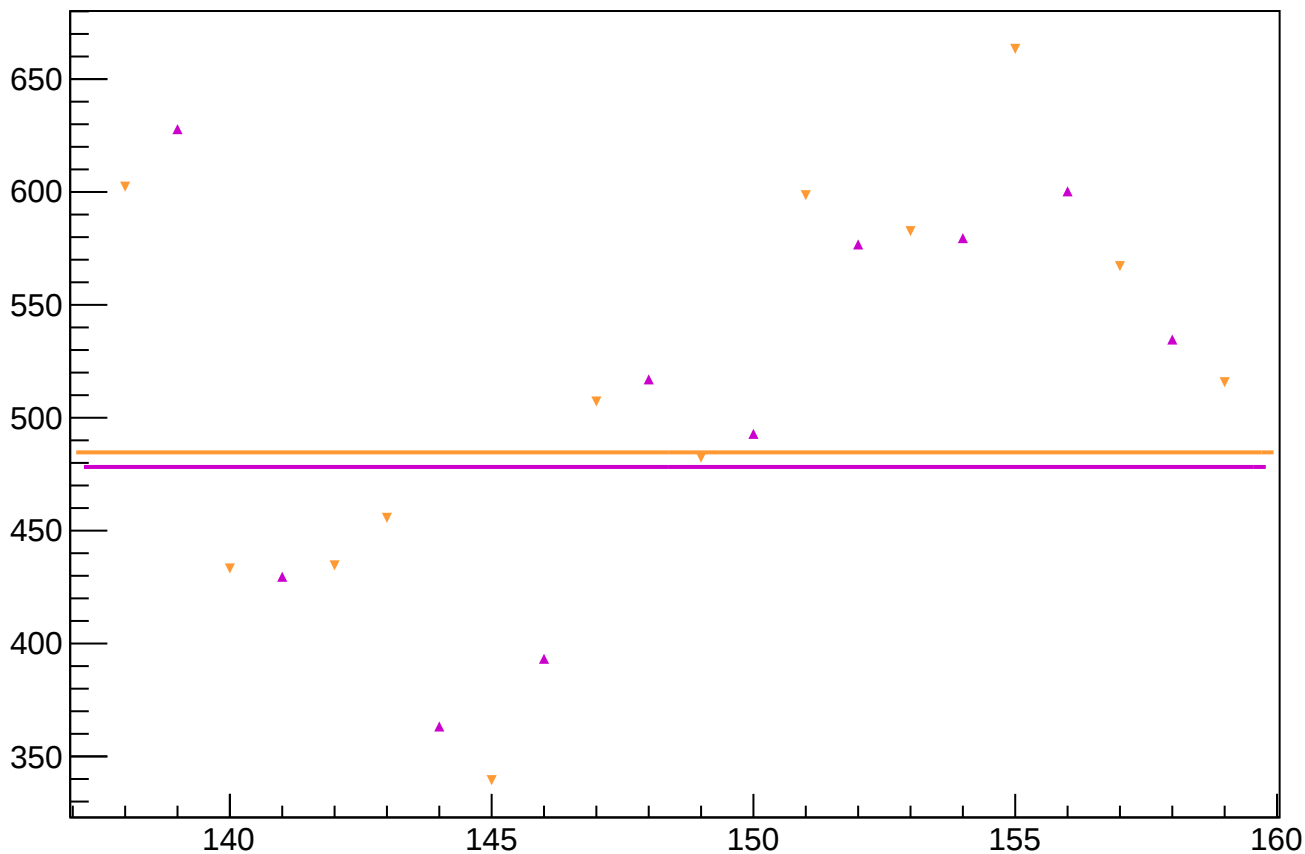
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.282+/-169.749 χ^2/NDF :5.2/9

Out: -822.128+/-164.229 χ^2/NDF :26.8/11

All: -323.949+/-118.031 χ^2/NDF : 51.0/21

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 484.667+/-0.116 χ^2/NDF :631182.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.208+/-0.120 χ^2/NDF :547102.7/9

Left: 481.544+/-0.083 χ^2/NDF : 1179780.7/21

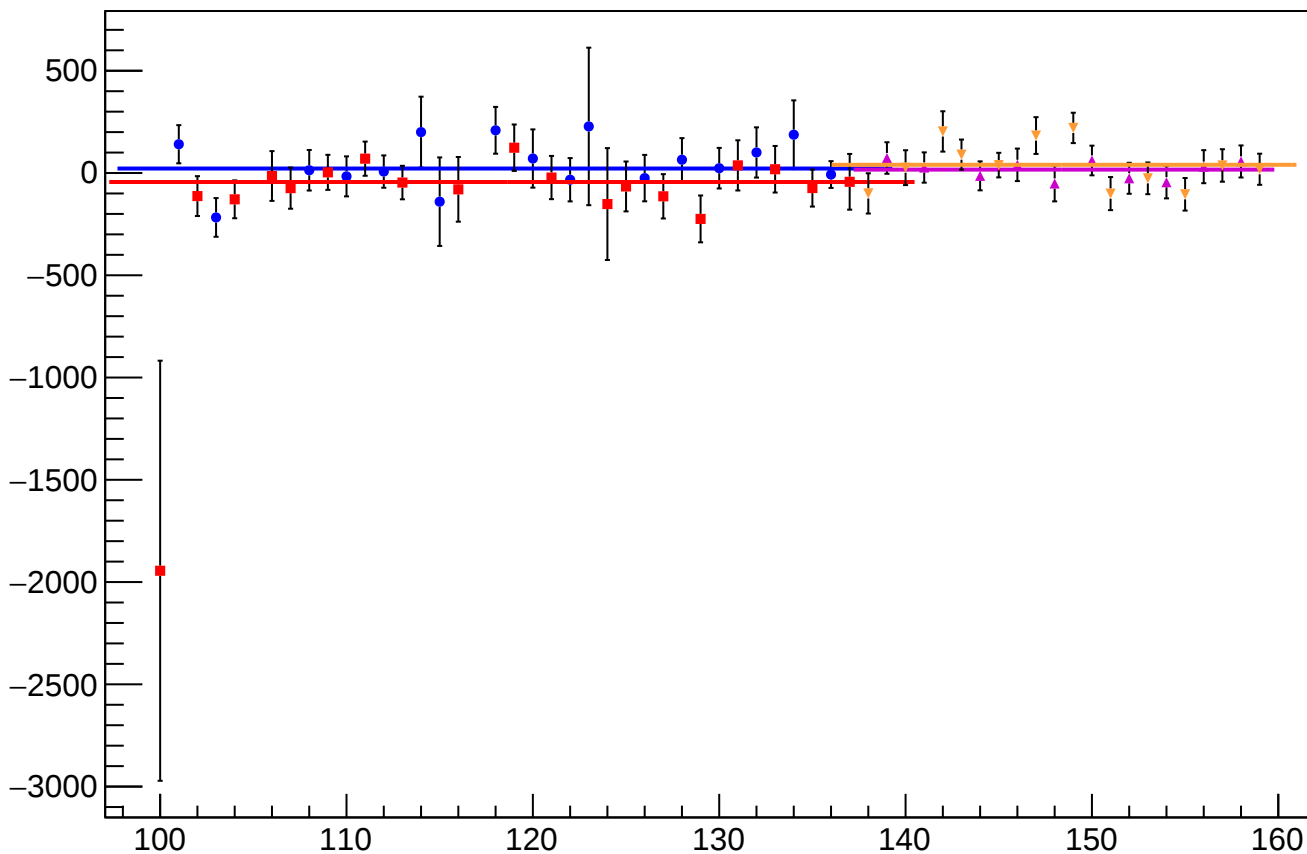
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.208+/-0.120 χ^2/NDF :547102.7/9

Out: 484.667+/-0.116 χ^2/NDF :631182.7/11

All: 481.544+/-0.083 χ^2/NDF : 1179780.7/21

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 40.182 $\pm$ 22.838 χ^2 /NDF:20.8/11

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 16.683 $\pm$ 24.400 χ^2 /NDF:3.0/9

Left: 29.209 $\pm$ 16.674 χ^2 /NDF: 24.3/21

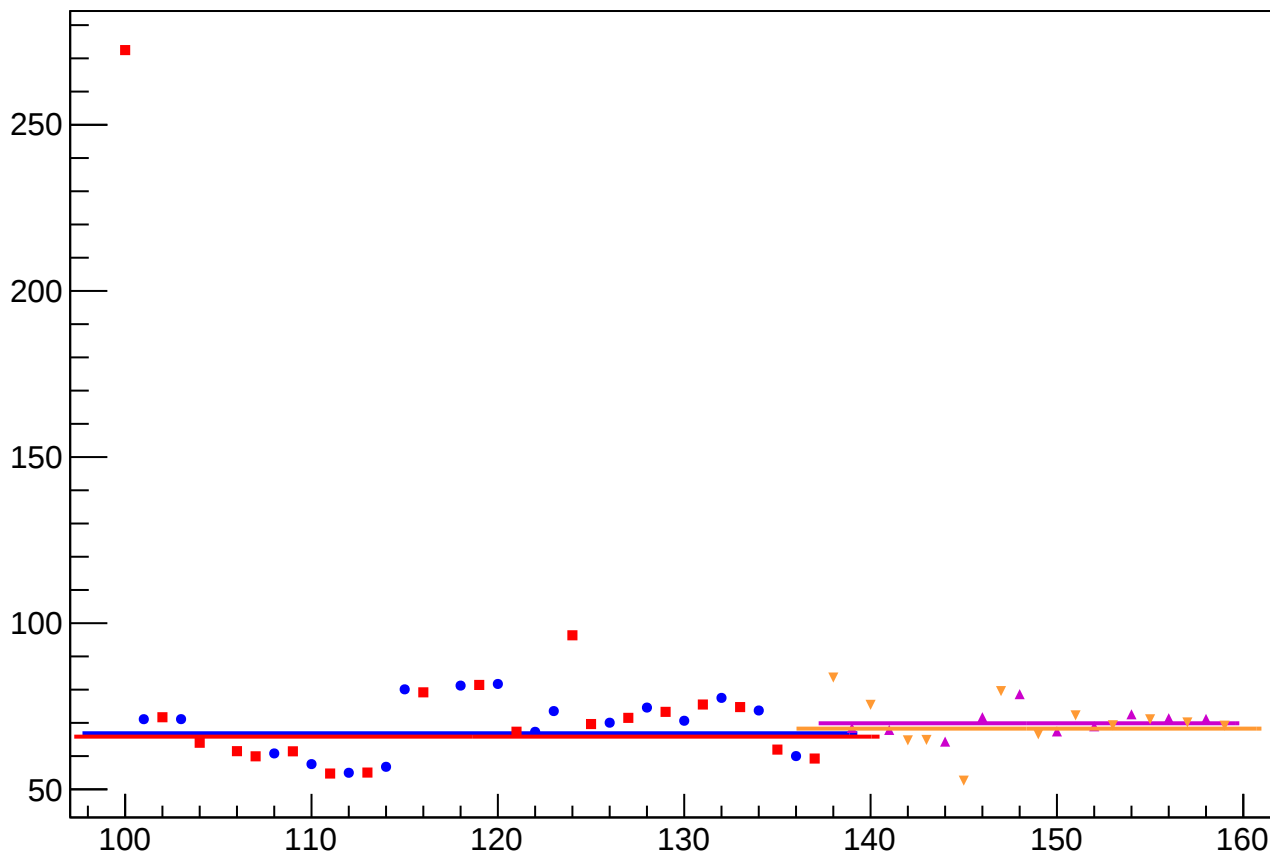
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 19.124 $\pm$ 17.810 χ^2 /NDF:18.1/26

Out: 2.090 $\pm$ 16.895 χ^2 /NDF:40.2/30

All: 10.158 $\pm$ 12.257 χ^2 /NDF: 58.8/57

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: 68.270 $\pm$ 0.016 χ^2 /NDF:247323.2/11

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.877 $\pm$ 0.017 χ^2 /NDF:41580.0/9

Left: 69.020 $\pm$ 0.012 χ^2 /NDF: 293528.6/21

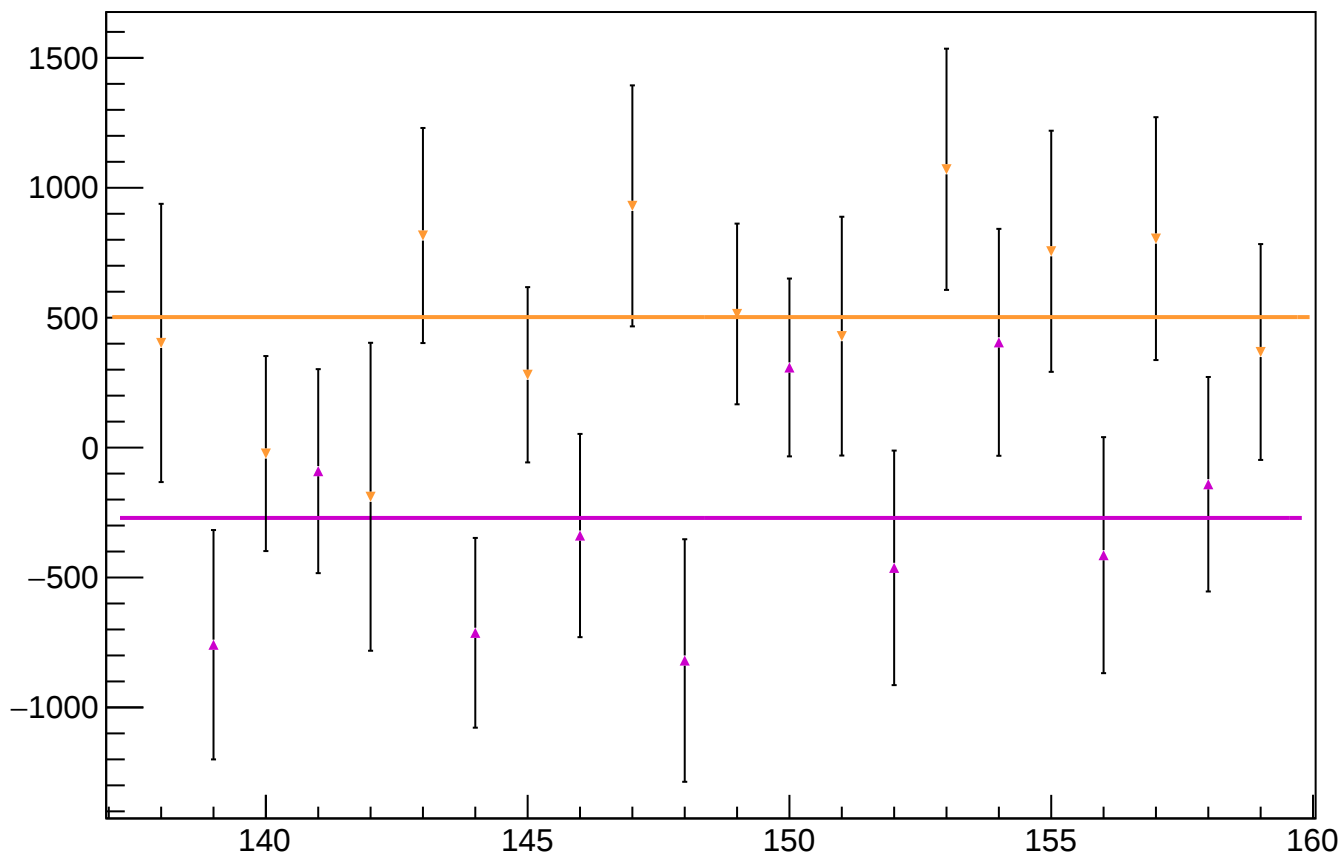
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 68.473 $\pm$ 0.013 χ^2 /NDF:258269.4/26

Out: 67.176 $\pm$ 0.012 χ^2 /NDF:557329.3/30

All: 67.790 $\pm$ 0.009 χ^2 /NDF: 821180.5/57

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: 502.317+/-123.684 χ^2/NDF : 7.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.704+/-129.477 χ^2/NDF : 9.9/9

Left: 133.489+/-89.436 χ^2/NDF : 36.2/21

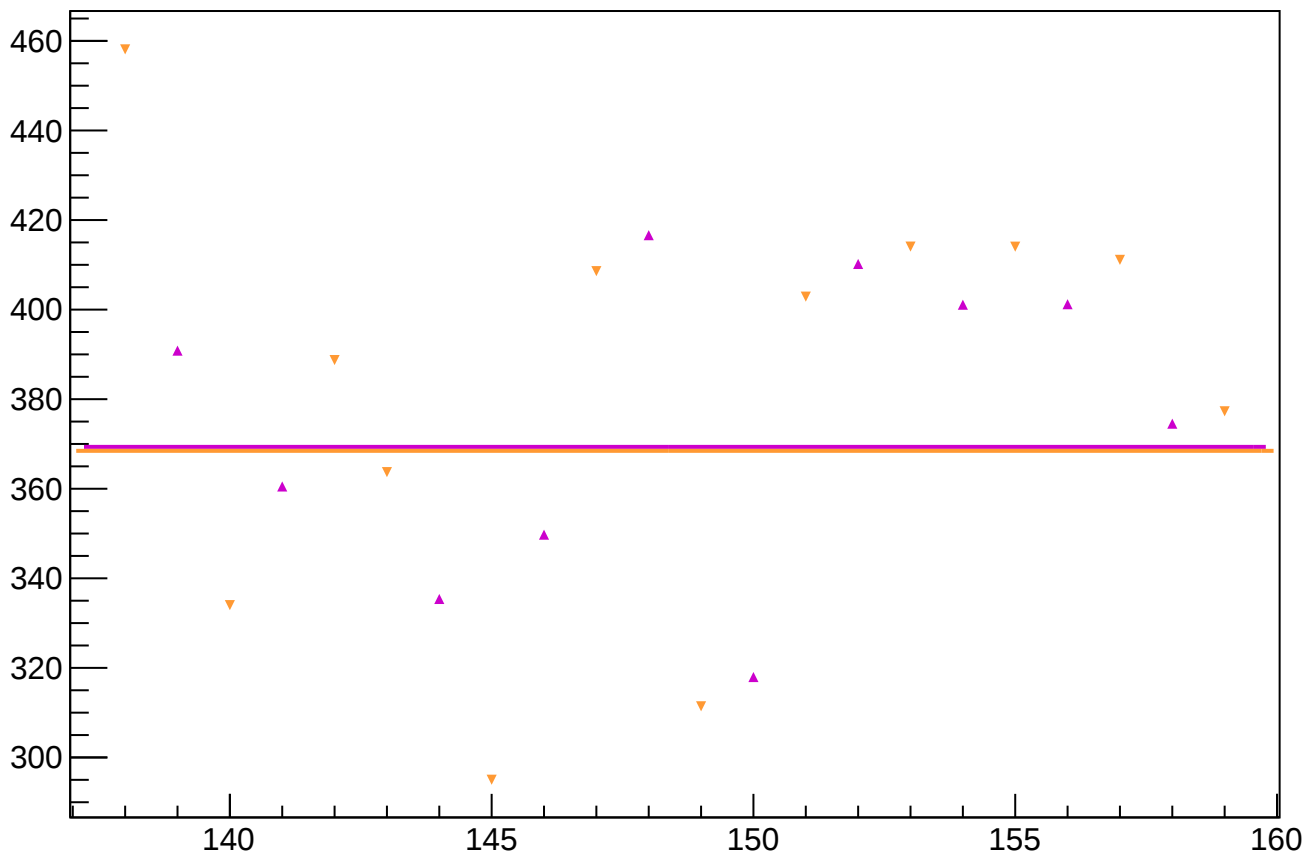
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.704+/-129.477 χ^2/NDF : 9.9/9

Out: 502.317+/-123.684 χ^2/NDF : 7.6/11

All: 133.489+/-89.436 χ^2/NDF : 36.2/21

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: 368.467+/-0.087 χ^2/NDF :306498.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 369.350+/-0.092 χ^2/NDF :130790.2/9

Left: 368.888+/-0.063 χ^2/NDF : 437337.6/21

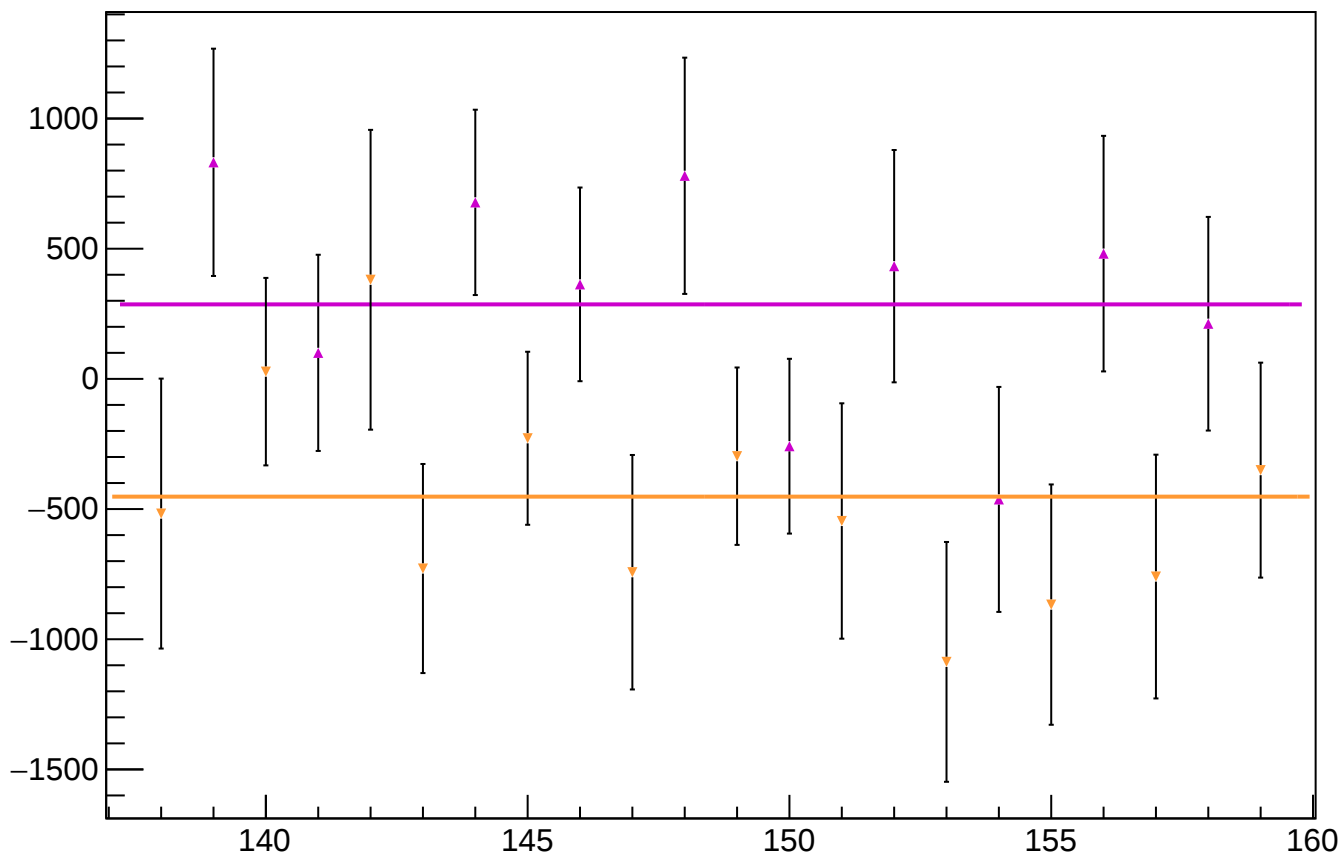
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.350+/-0.092 χ^2/NDF :130790.2/9

Out: 368.467+/-0.087 χ^2/NDF :306498.7/11

All: 368.888+/-0.063 χ^2/NDF : 437337.6/21

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -452.291+/-121.280 χ^2/NDF : 8.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.174+/-126.641 χ^2/NDF : 10.2/9

Left: -99.021+/-87.592 χ^2/NDF : 36.6/21

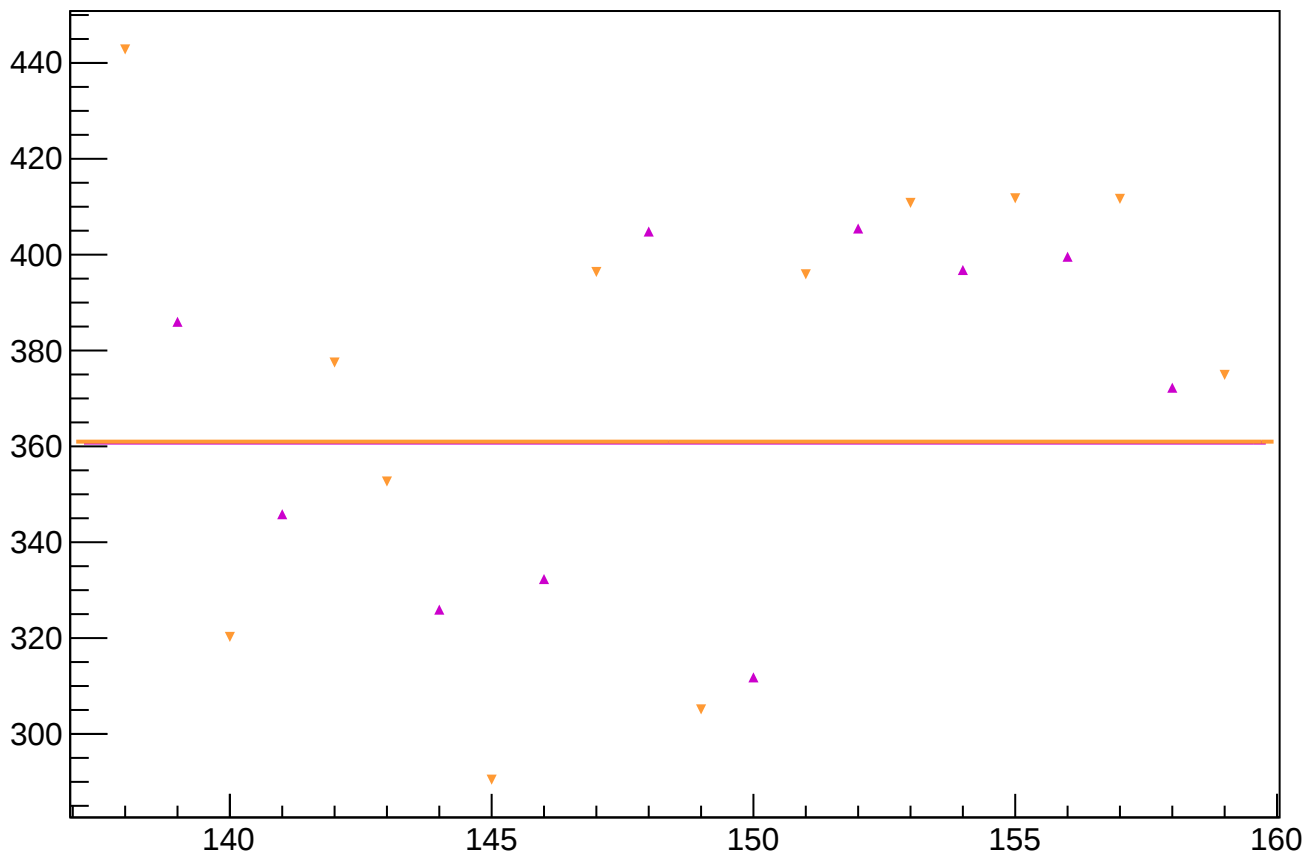
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.174+/-126.641 χ^2/NDF : 10.2/9

Out: -452.291+/-121.280 χ^2/NDF : 8.7/11

All: -99.021+/-87.592 χ^2/NDF : 36.6/21

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.985+/-0.086 χ^2/NDF :319387.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 360.792+/-0.090 χ^2/NDF :152339.6/9

Left: 360.892+/-0.062 χ^2/NDF : 471729.3/21

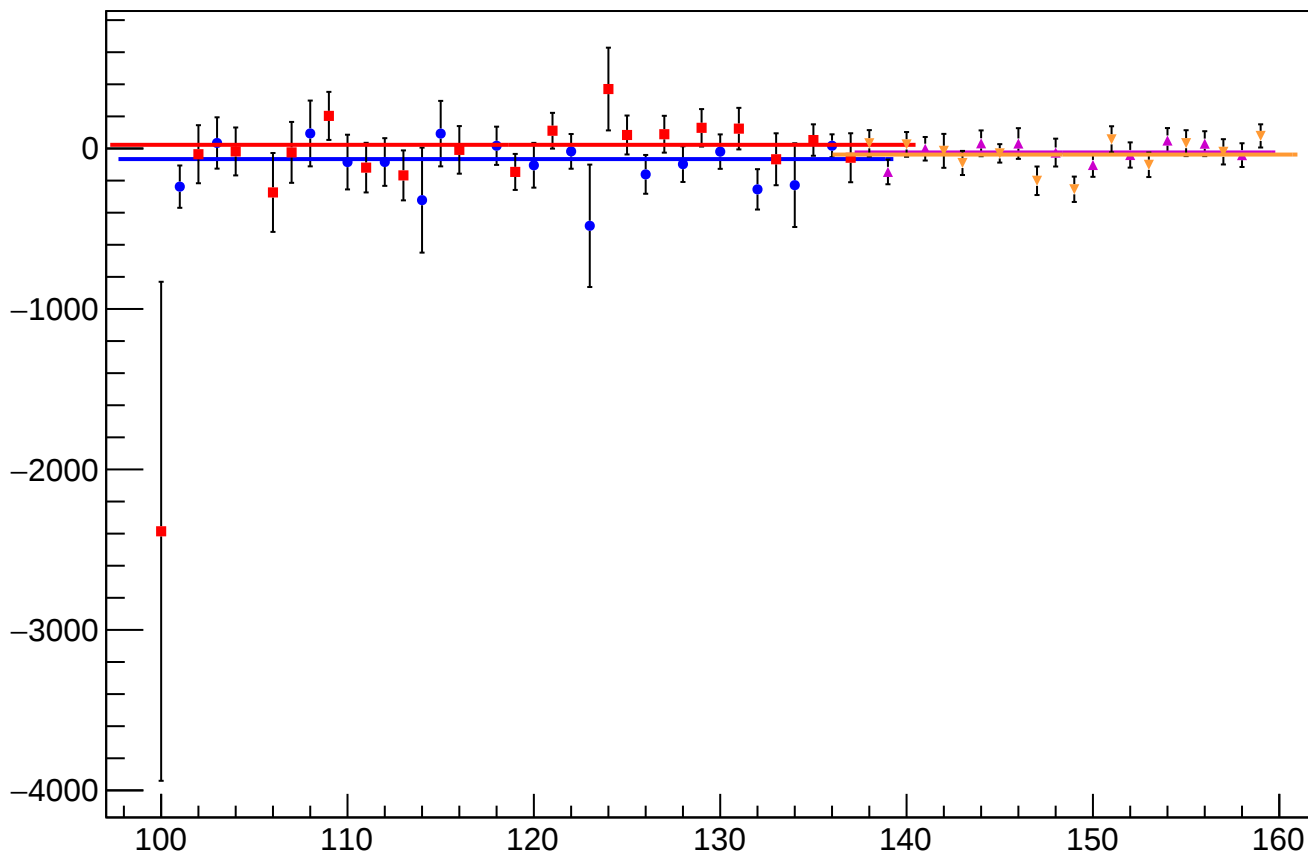
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 360.792+/-0.090 χ^2/NDF :152339.6/9

Out: 360.985+/-0.086 χ^2/NDF :319387.3/11

All: 360.892+/-0.062 χ^2/NDF : 471729.3/21

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: -37.796 ± 22.352 χ^2/NDF : 18.3/11

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -24.645 ± 24.917 χ^2/NDF : 6.0/9

Left: -31.932 ± 16.638 χ^2/NDF : 24.5/21

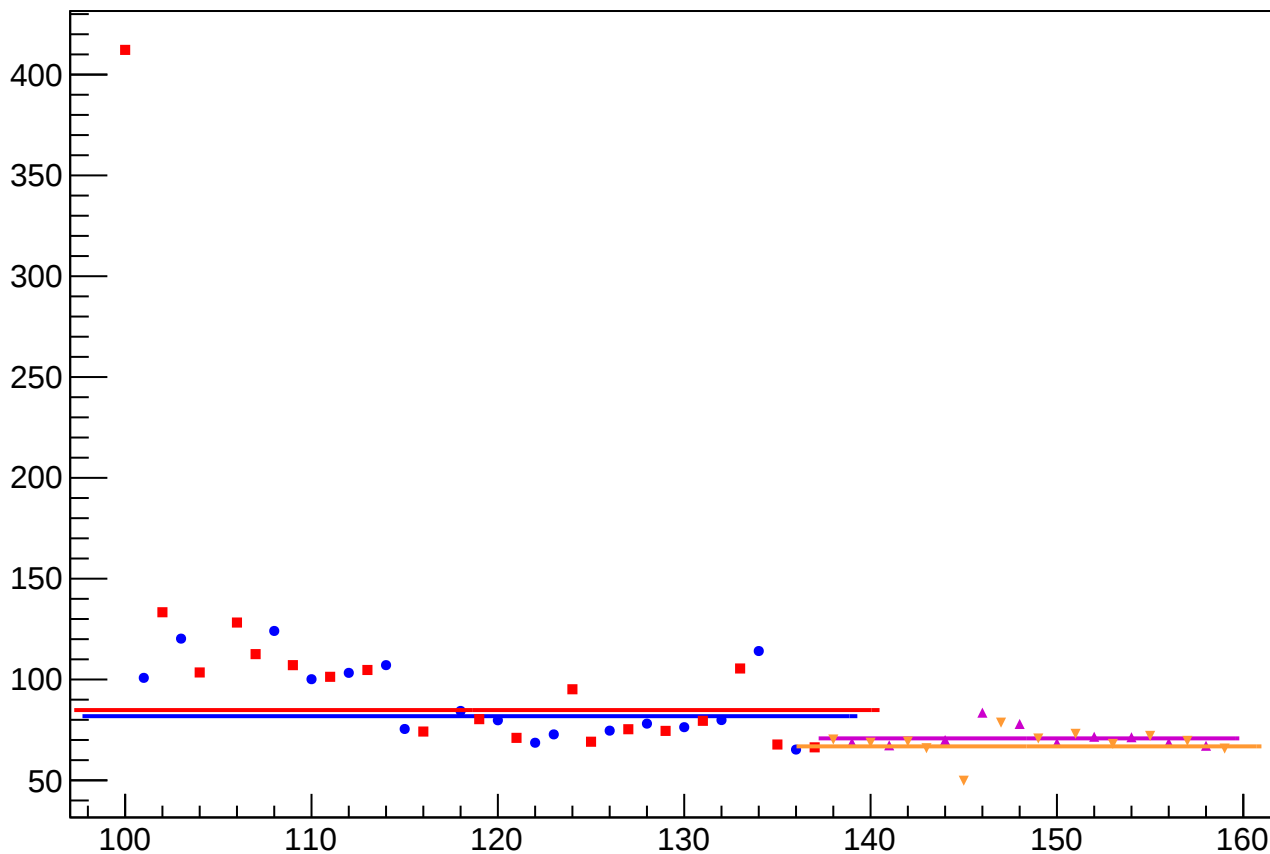
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -40.071 ± 19.726 χ^2/NDF : 17.8/26

Out: -18.531 ± 18.467 χ^2/NDF : 36.0/30

All: -28.592 ± 13.482 χ^2/NDF : 54.5/57

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 ± 0.023 $\chi^2/\text{NDF}: 507195.8/16$

Left Out: 66.831 ± 0.016 $\chi^2/\text{NDF}: 244867.5/11$

Right Out: 84.836 ± 0.023 $\chi^2/\text{NDF}: 704648.9/18$

Left In: 70.796 ± 0.018 $\chi^2/\text{NDF}: 63964.2/9$

Left: 68.599 ± 0.012 $\chi^2/\text{NDF}: 336893.7/21$

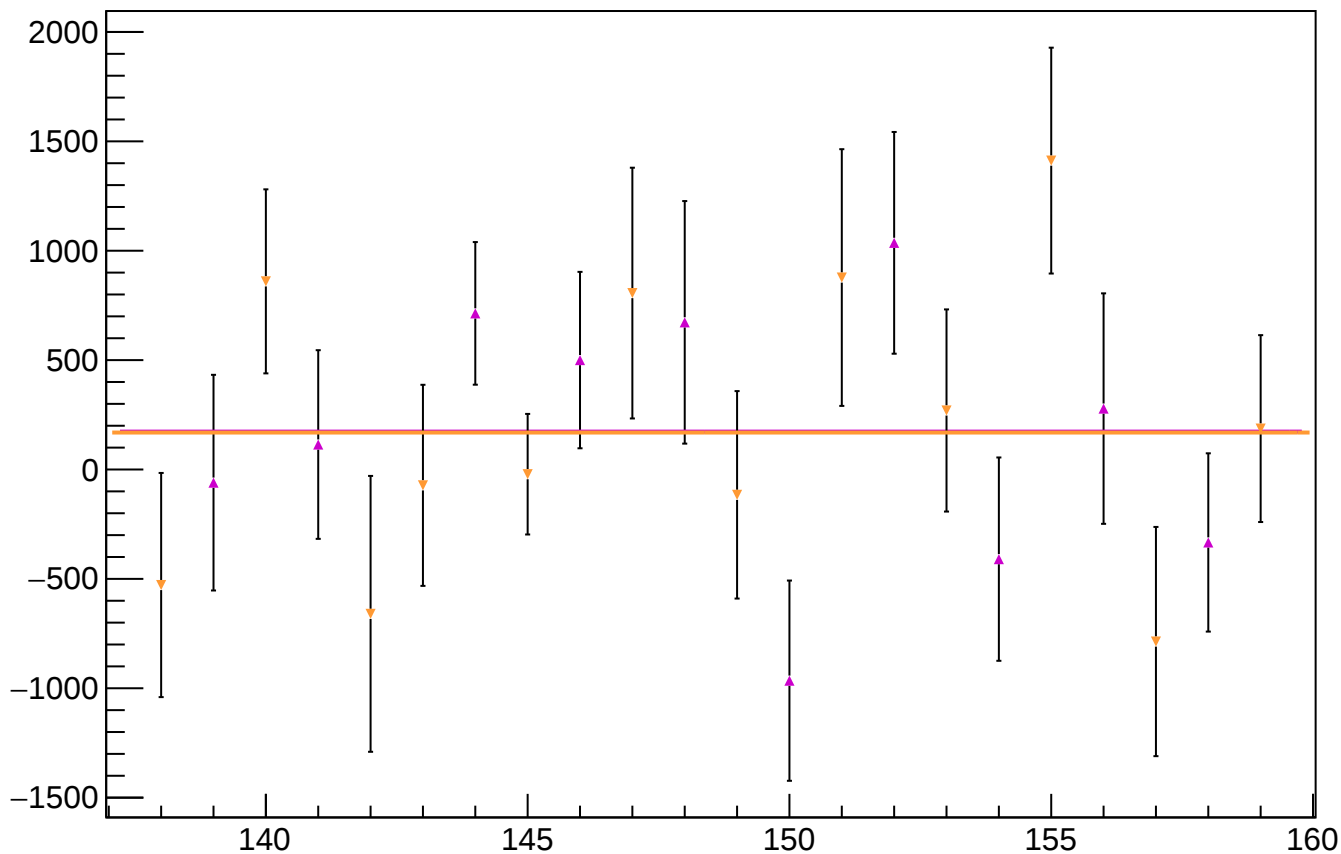
Right: 83.300 ± 0.016 $\chi^2/\text{NDF}: 1220504.3/35$

In: 74.907 ± 0.014 $\chi^2/\text{NDF}: 716965.4/26$

Out: 72.545 ± 0.013 $\chi^2/\text{NDF}: 1361361.0/30$

All: 73.648 ± 0.010 $\chi^2/\text{NDF}: 2093599.2/57$

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: 168.975+/-131.492 χ^2/NDF :19.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 173.125+/-139.709 χ^2/NDF :16.7/9

Left: 170.924+/-95.752 χ^2/NDF : 36.0/21

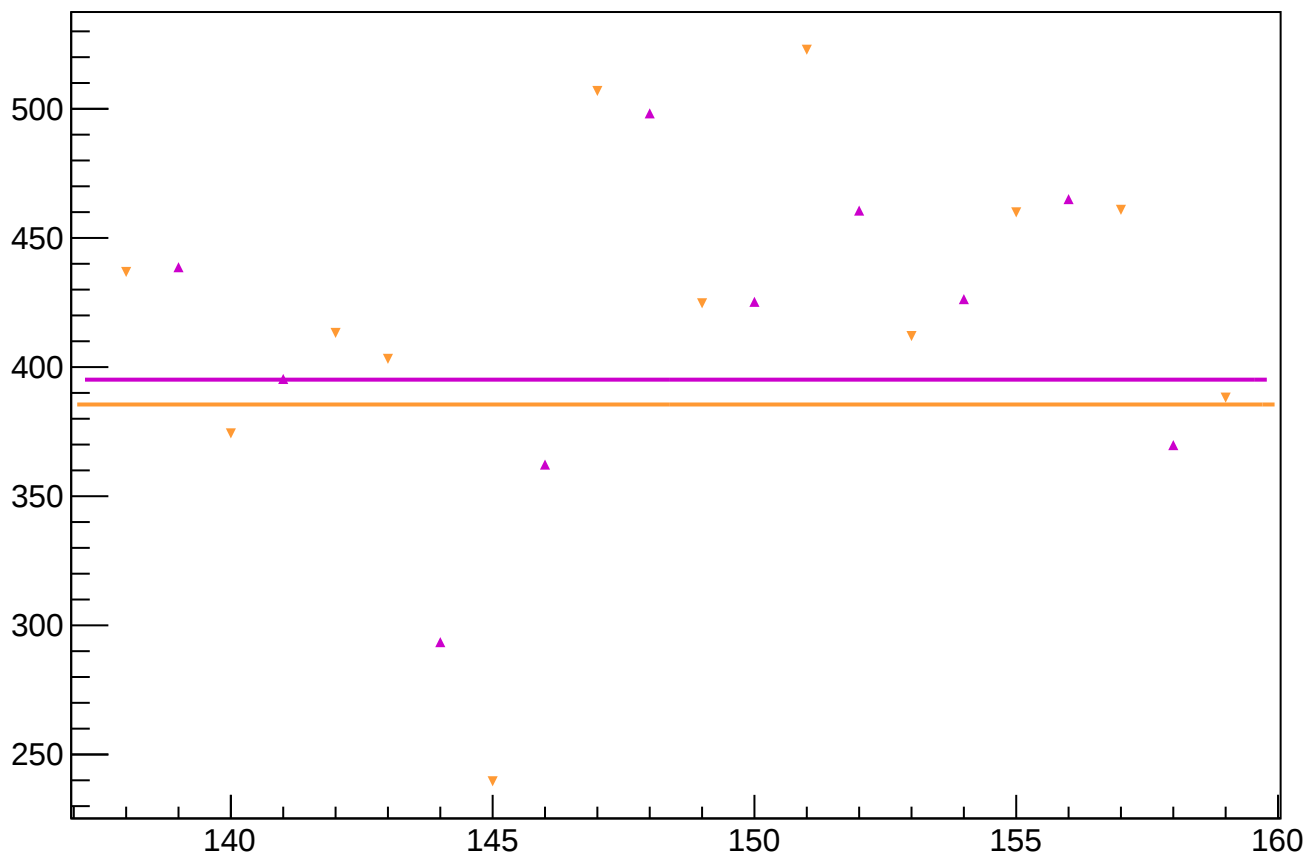
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 173.125+/-139.709 χ^2/NDF :16.7/9

Out: 168.975+/-131.492 χ^2/NDF :19.3/11

All: 170.924+/-95.752 χ^2/NDF : 36.0/21

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 385.516+/-0.093 χ^2/NDF : 891444.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

Left: 390.033+/-0.068 χ^2/NDF : 1283000.7/21

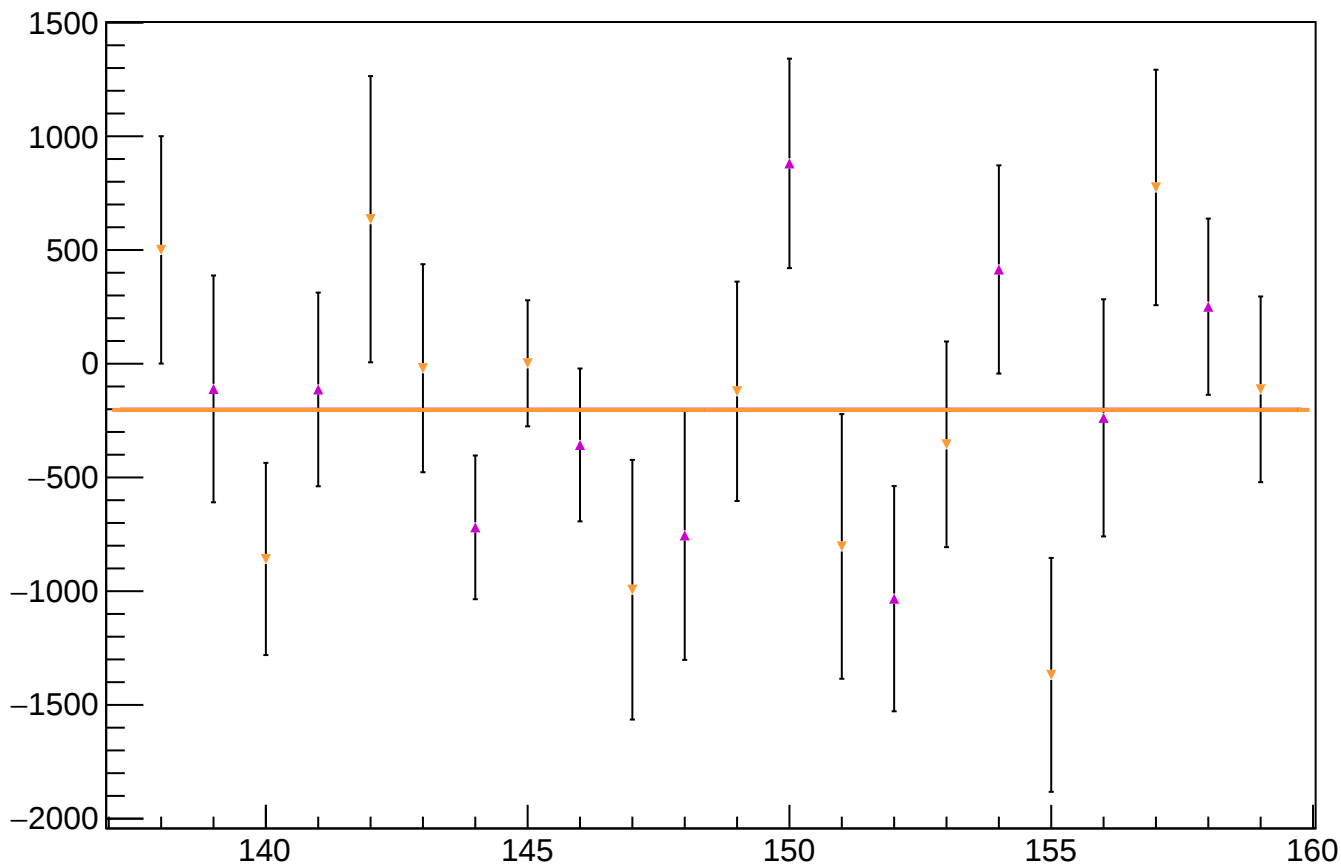
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

Out: 385.516+/-0.093 χ^2/NDF : 891444.1/11

All: 390.033+/-0.068 χ^2/NDF : 1283000.7/21

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -202.938+/-130.551 χ^2/NDF :18.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -202.044+/-134.024 χ^2/NDF :15.5/9

Left: -202.503+/-93.517 χ^2/NDF : 34.3/21

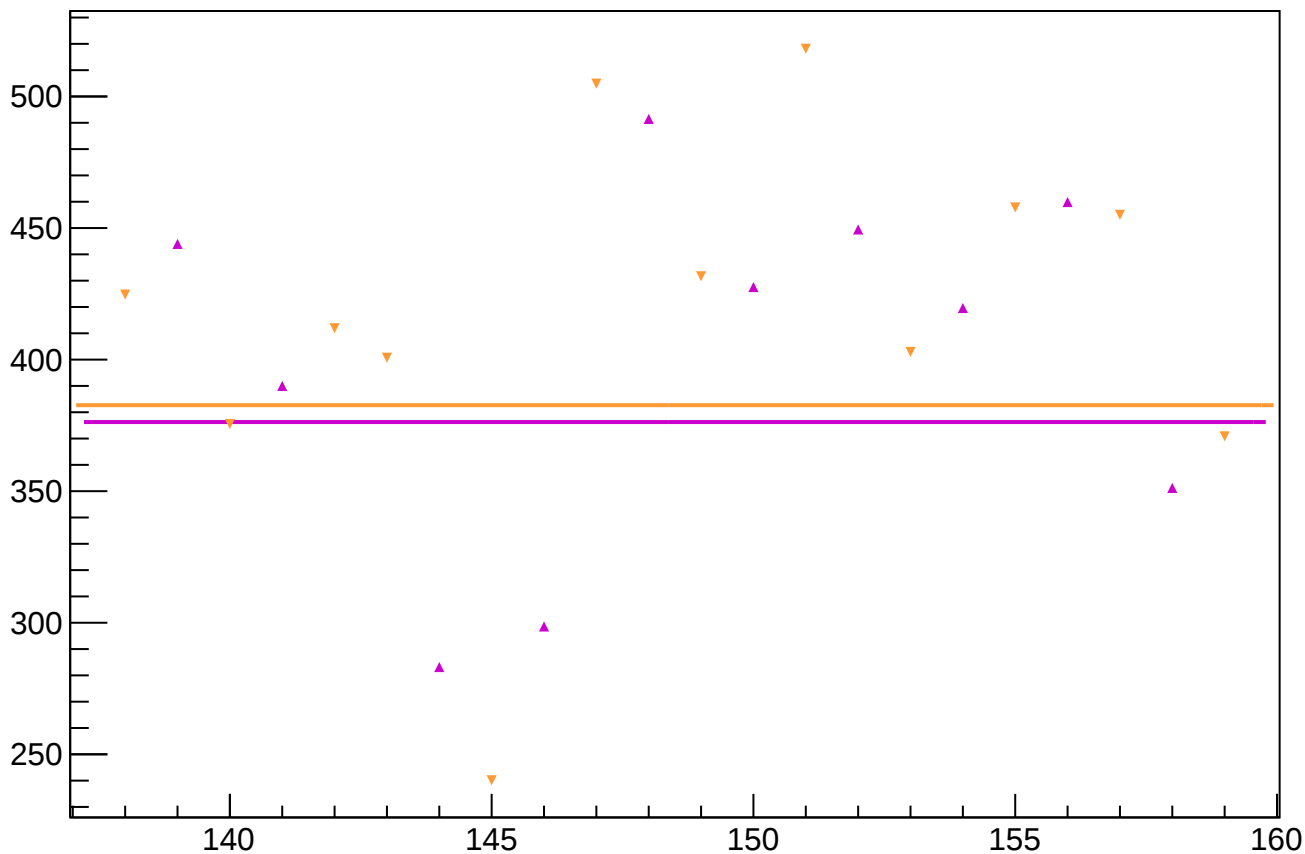
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.044+/-134.024 χ^2/NDF :15.5/9

Out: -202.938+/-130.551 χ^2/NDF :18.7/11

All: -202.503+/-93.517 χ^2/NDF : 34.3/21

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: 382.686 $\pm$ 0.092 χ^2/NDF :859632.9/11

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 376.272 $\pm$ 0.095 χ^2/NDF :554542.9/9

Left: 379.563 $\pm$ 0.066 χ^2/NDF : 1416526.5/21

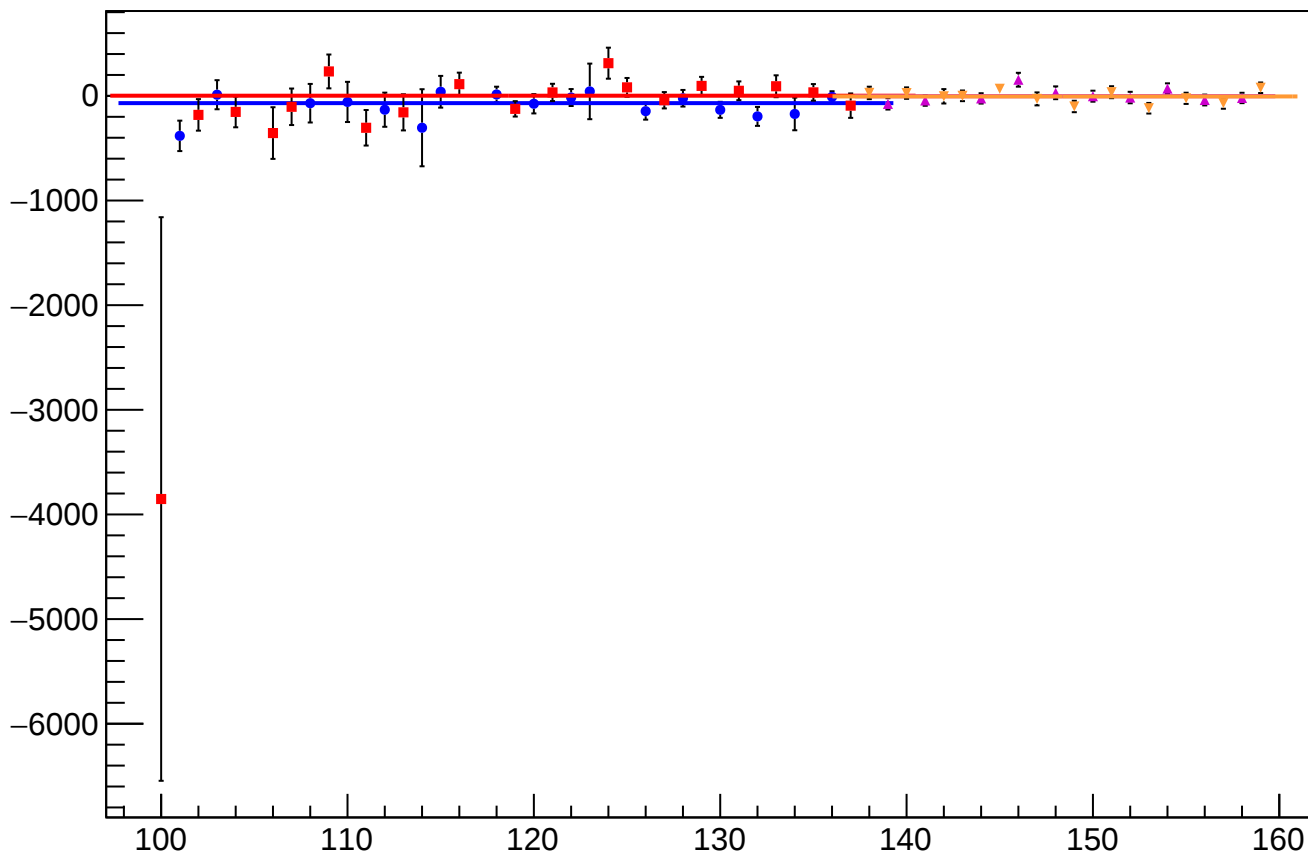
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 376.272 $\pm$ 0.095 χ^2/NDF :554542.9/9

Out: 382.686 $\pm$ 0.092 χ^2/NDF :859632.9/11

All: 379.563 $\pm$ 0.066 χ^2/NDF : 1416526.5/21

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: -5.313 ± 15.457 $\chi^2/\text{NDF}: 16.8/11$

Right Out: 1.744 ± 25.186 $\chi^2/\text{NDF}: 25.8/18$

Left In: -3.050 ± 16.897 $\chi^2/\text{NDF}: 11.4/9$

Left: -4.282 ± 11.405 $\chi^2/\text{NDF}: 28.2/21$

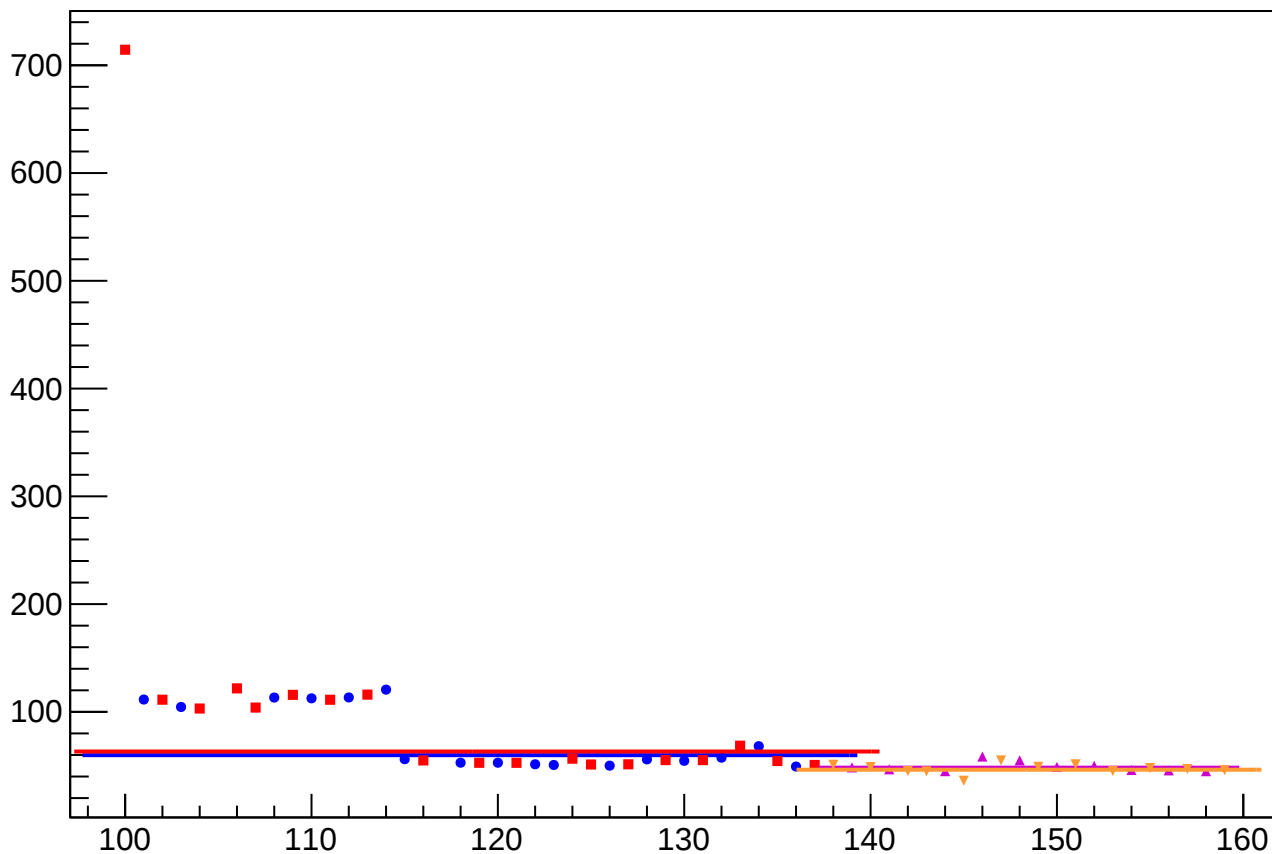
Right: -35.049 ± 17.473 $\chi^2/\text{NDF}: 43.4/35$

In: -24.654 ± 13.866 $\chi^2/\text{NDF}: 29.8/26$

Out: -3.382 ± 13.174 $\chi^2/\text{NDF}: 42.7/30$

All: -13.474 ± 9.550 $\chi^2/\text{NDF}: 73.8/57$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 46.325 $\pm$ 0.011 χ^2 /NDF: 203528.8/11

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 48.232 $\pm$ 0.012 χ^2 /NDF: 102912.3/9

Left: 47.194 $\pm$ 0.008 χ^2 /NDF: 320314.1/21

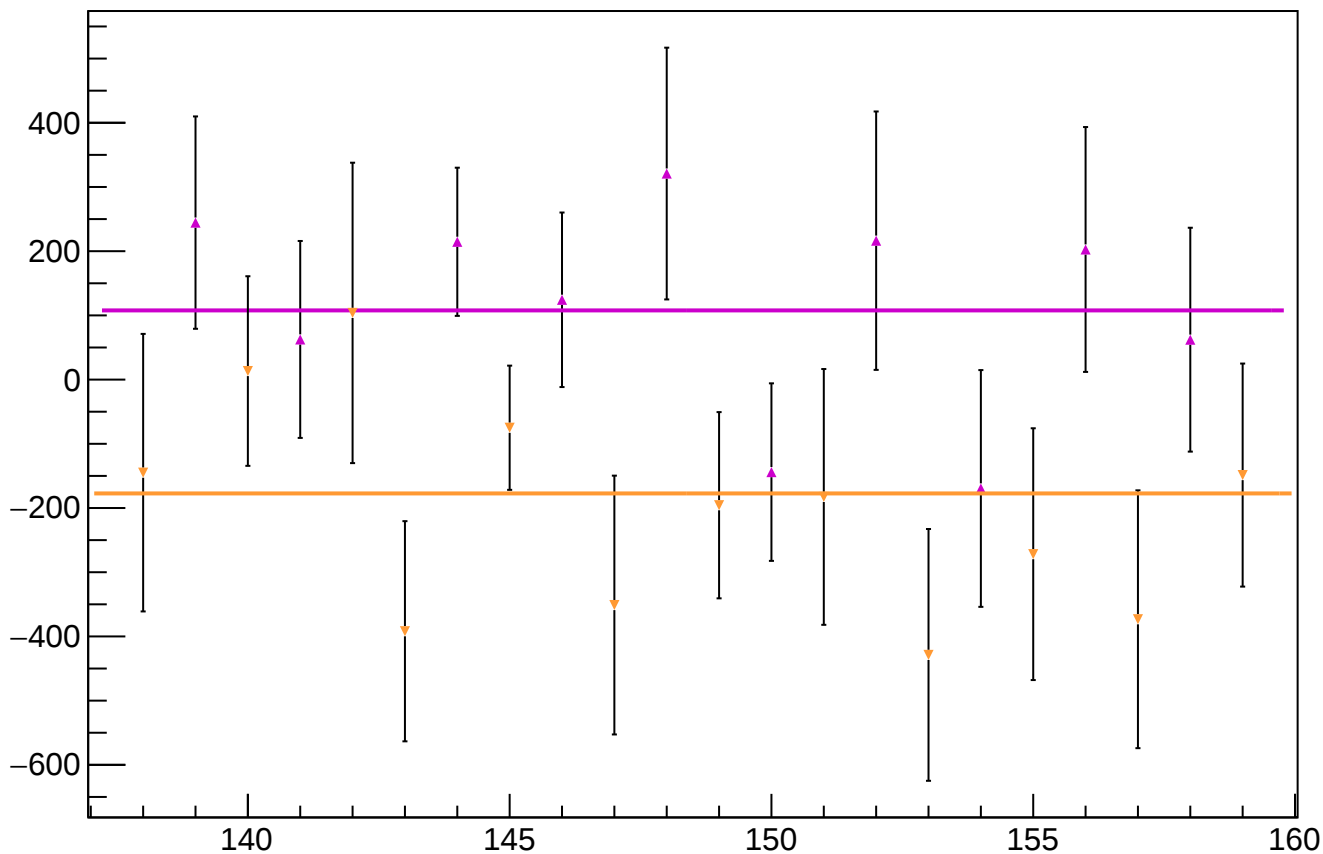
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 52.014 $\pm$ 0.010 χ^2 /NDF: 1639543.5/26

Out: 50.948 $\pm$ 0.009 χ^2 /NDF: 2361757.5/30

All: 51.454 $\pm$ 0.007 χ^2 /NDF: 4007510.2/57

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: -177.283+/-48.014 χ^2/NDF :9.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 107.774+/-49.927 χ^2/NDF :9.0/9

Left: -40.321+/-34.608 χ^2/NDF : 35.4/21

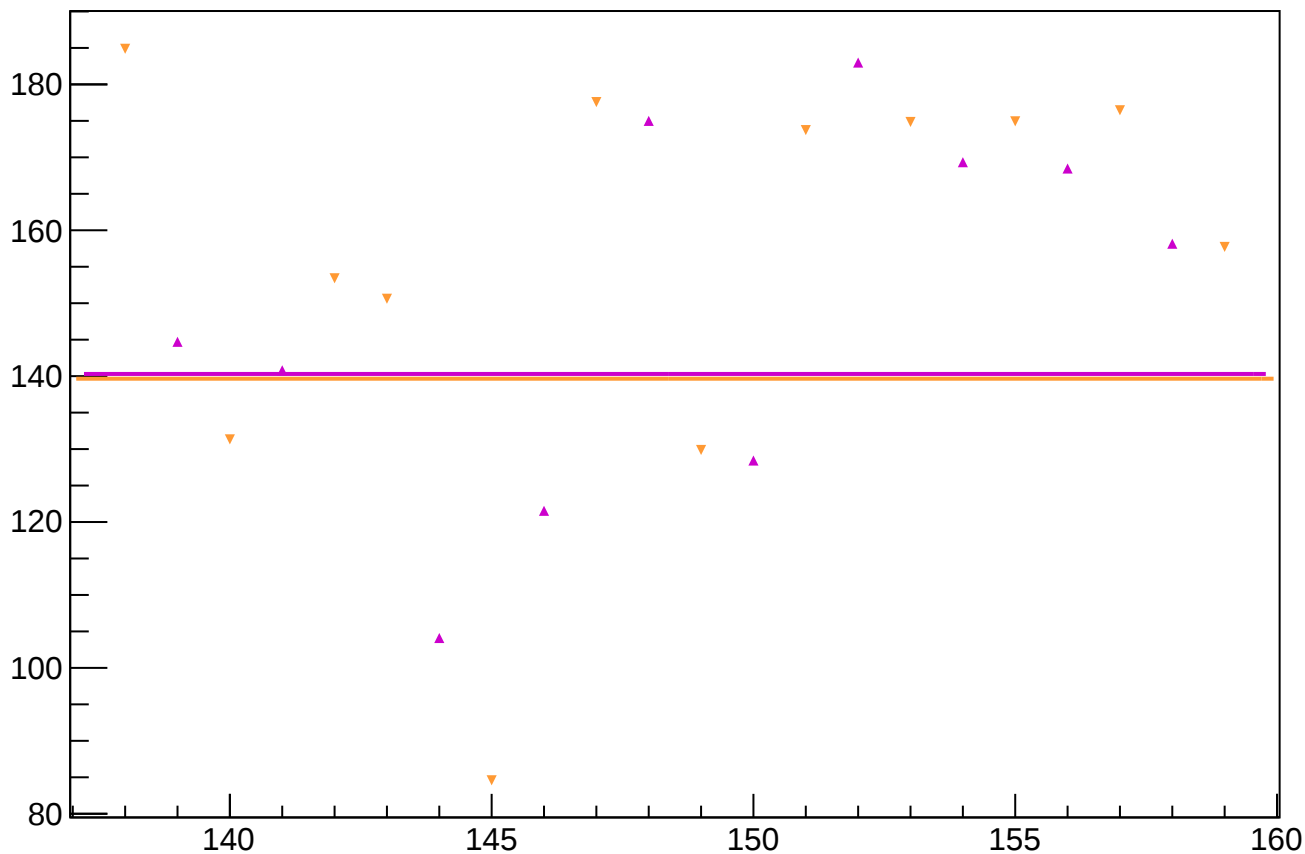
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.774+/-49.927 χ^2/NDF :9.0/9

Out: -177.283+/-48.014 χ^2/NDF :9.4/11

All: -40.321+/-34.608 χ^2/NDF : 35.4/21

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: 139.649+/-0.034 χ^2/NDF :1113613.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 140.302+/-0.035 χ^2/NDF :518030.8/9

Left: 139.963+/-0.024 χ^2/NDF : 1631821.7/21

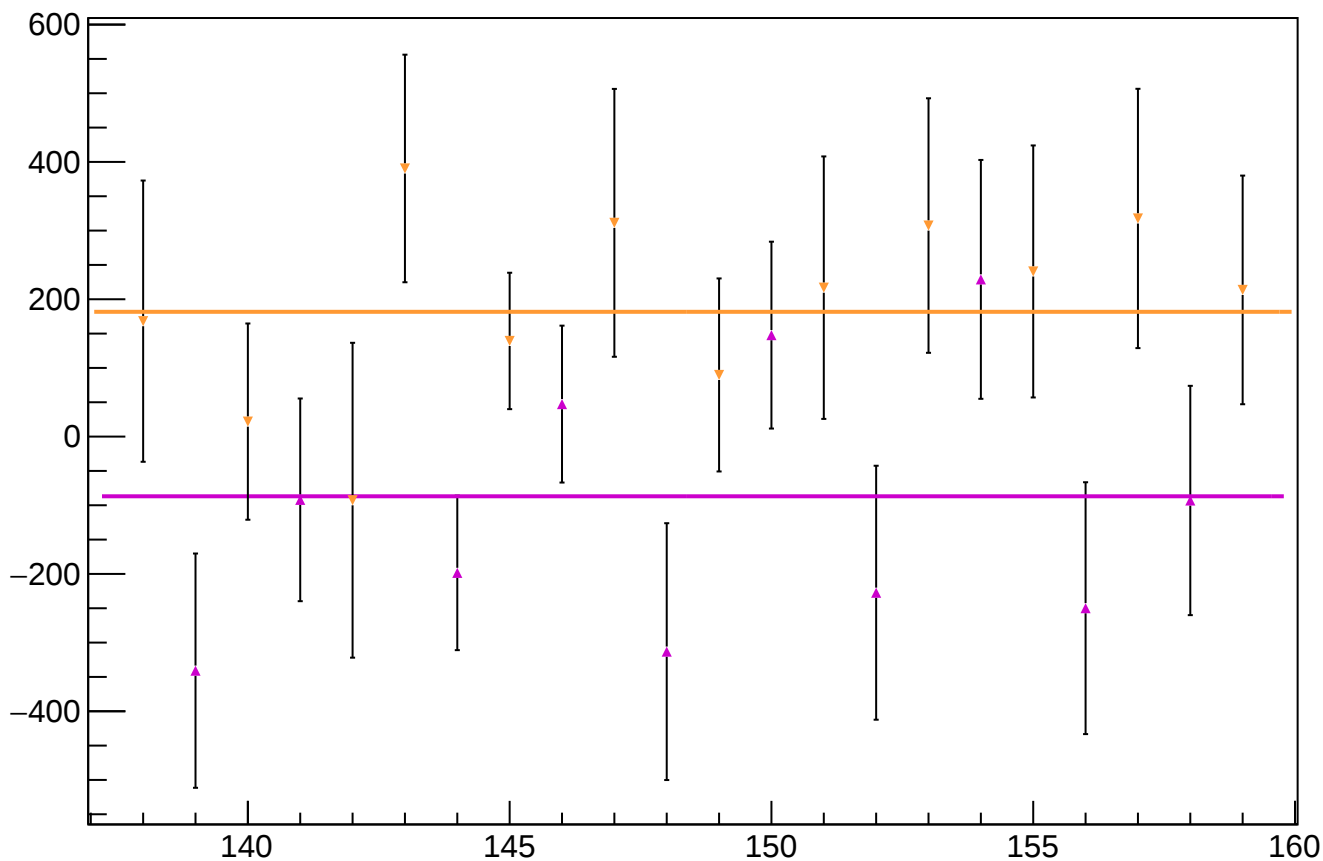
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 140.302+/-0.035 χ^2/NDF :518030.8/9

Out: 139.649+/-0.034 χ^2/NDF :1113613.5/11

All: 139.963+/-0.024 χ^2/NDF : 1631821.7/21

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 181.726+/-46.787 χ^2/NDF : 6.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -86.937+/-47.334 χ^2/NDF : 13.7/9

Left: 48.956+/-33.275 χ^2/NDF : 36.5/21

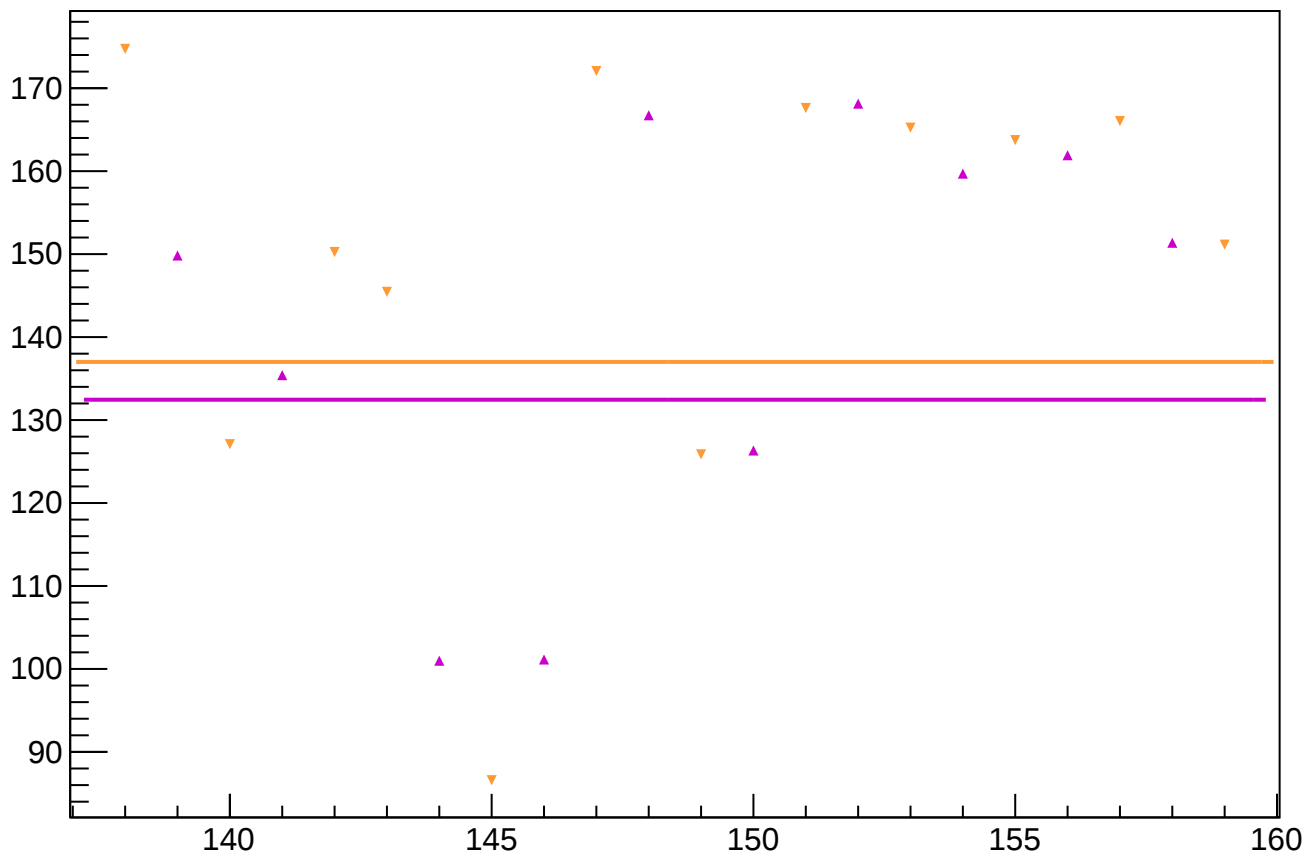
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.937+/-47.334 χ^2/NDF : 13.7/9

Out: 181.726+/-46.787 χ^2/NDF : 6.5/11

All: 48.956+/-33.275 χ^2/NDF : 36.5/21

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.004+/-0.033 χ^2/NDF : 883777.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

Left: 134.755+/-0.024 χ^2/NDF : 1493311.1/21

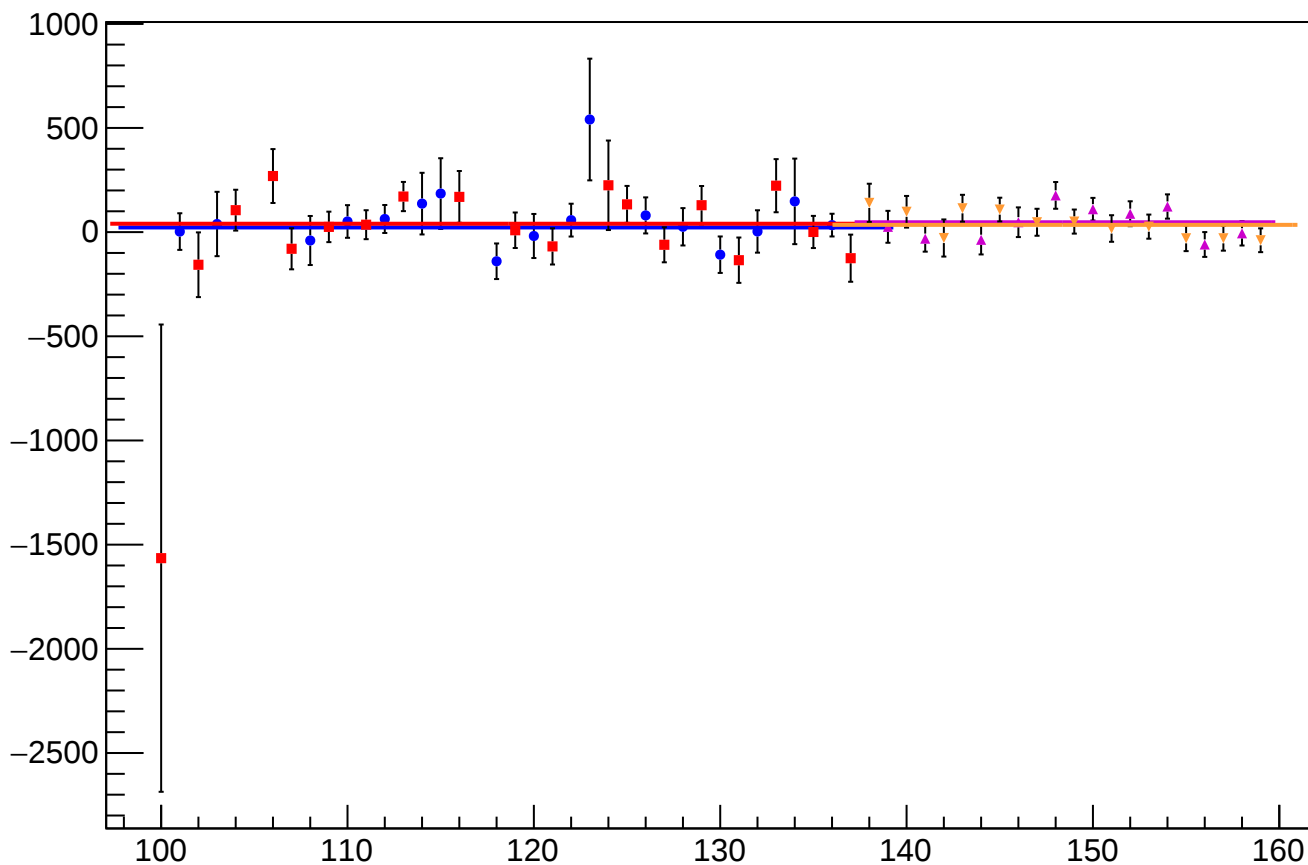
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

Out: 137.004+/-0.033 χ^2/NDF : 883777.5/11

All: 134.755+/-0.024 χ^2/NDF : 1493311.1/21

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: 34.834 $\pm$ 18.568 χ^2 /NDF: 9.8/11

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 47.252 $\pm$ 19.782 χ^2 /NDF: 14.6/9

Left: 40.650 $\pm$ 13.538 χ^2 /NDF: 24.7/21

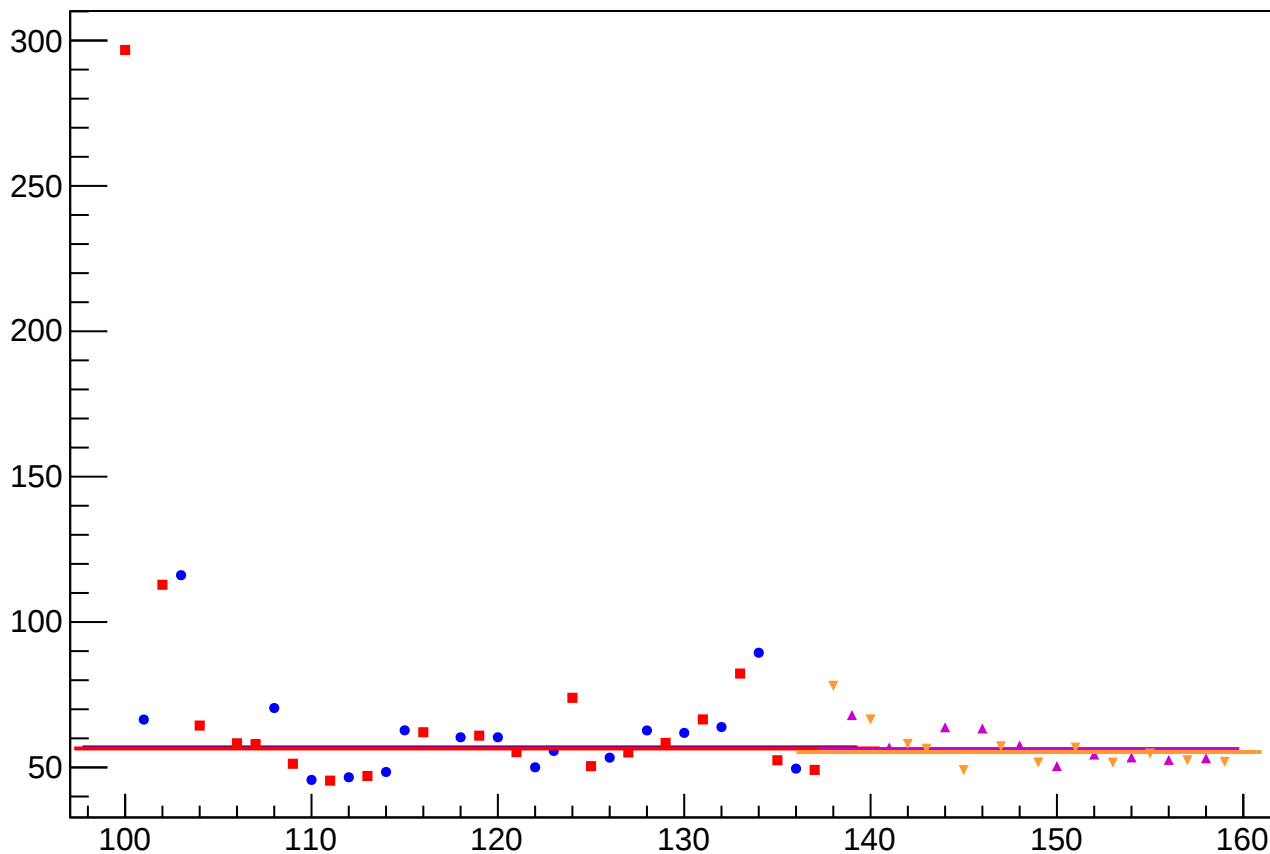
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 36.468 $\pm$ 14.892 χ^2 /NDF: 27.9/26

Out: 37.068 $\pm$ 14.225 χ^2 /NDF: 36.1/30

All: 36.782 $\pm$ 10.286 χ^2 /NDF: 64.0/57

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: 55.310 $\pm$ 0.013 χ^2 /NDF: 223000.3/11

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.319 $\pm$ 0.014 χ^2 /NDF: 133882.0/9

Left: 55.782 $\pm$ 0.010 χ^2 /NDF: 359648.7/21

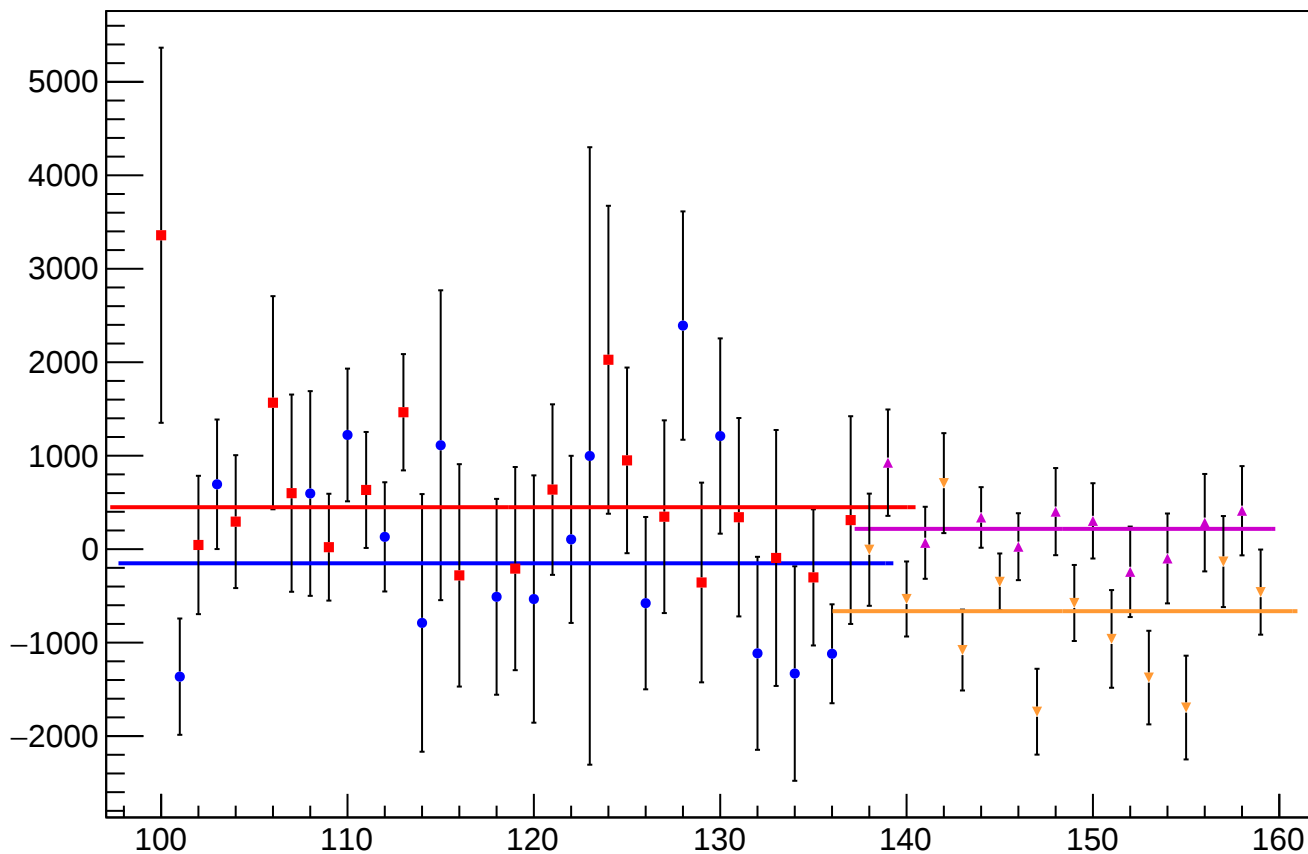
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.561 $\pm$ 0.011 χ^2 /NDF: 710063.7/26

Out: 55.813 $\pm$ 0.010 χ^2 /NDF: 838829.3/30

All: 56.170 $\pm$ 0.007 χ^2 /NDF: 1551535.4/57

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: -663.555 $\pm$ 129.754 χ^2 /NDF:22.6/11

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 217.103 $\pm$ 135.378 χ^2 /NDF:3.8/9

Left: -241.896 $\pm$ 93.675 χ^2 /NDF: 48.5/21

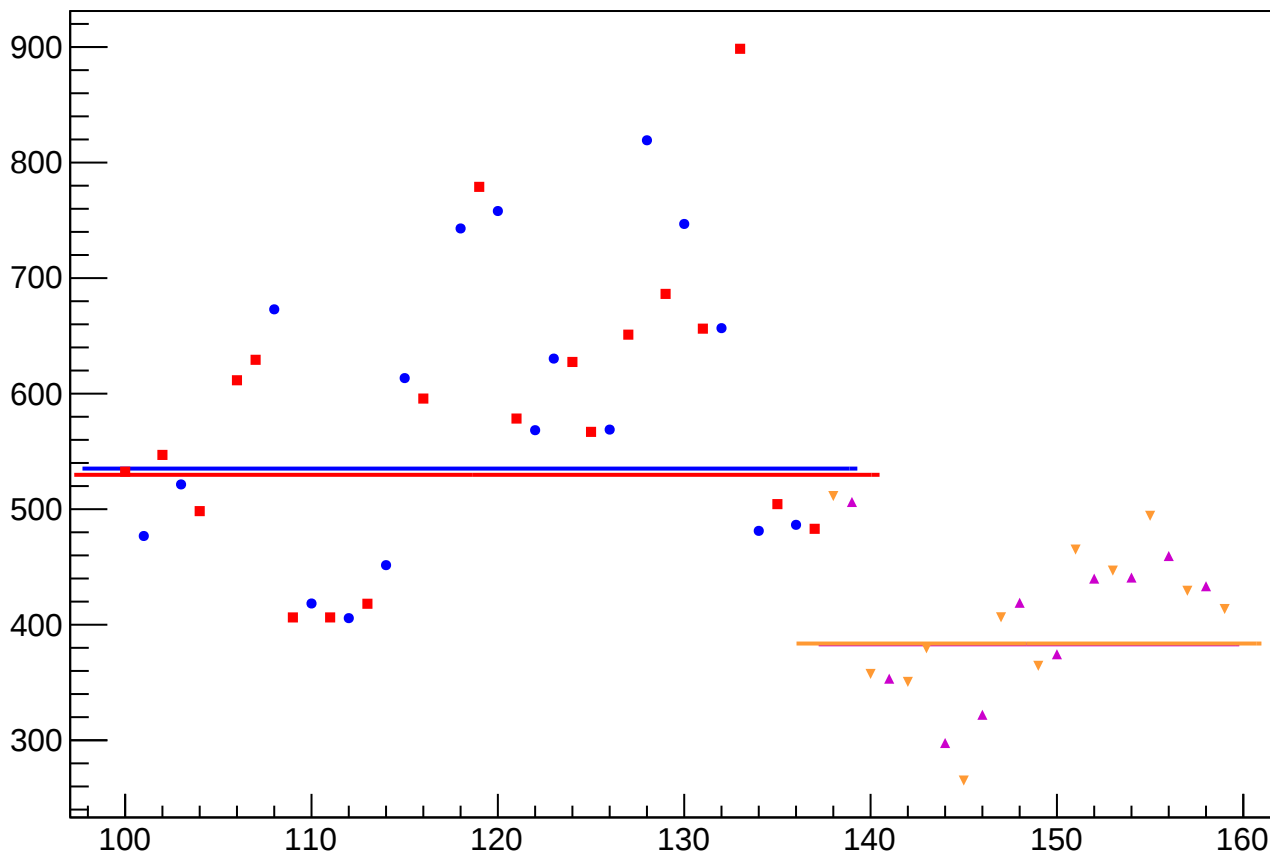
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 110.742 $\pm$ 114.168 χ^2 /NDF:28.4/26

Out: -343.120 $\pm$ 109.484 χ^2 /NDF:54.3/30

All: -125.690 $\pm$ 79.021 χ^2 /NDF: 90.9/57

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 383.722 $\pm$ 0.092 χ^2 /NDF: 607653.9/11

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 383.028 $\pm$ 0.096 χ^2 /NDF: 436938.4/9

Left: 383.390 $\pm$ 0.066 χ^2 /NDF: 1044619.7/21

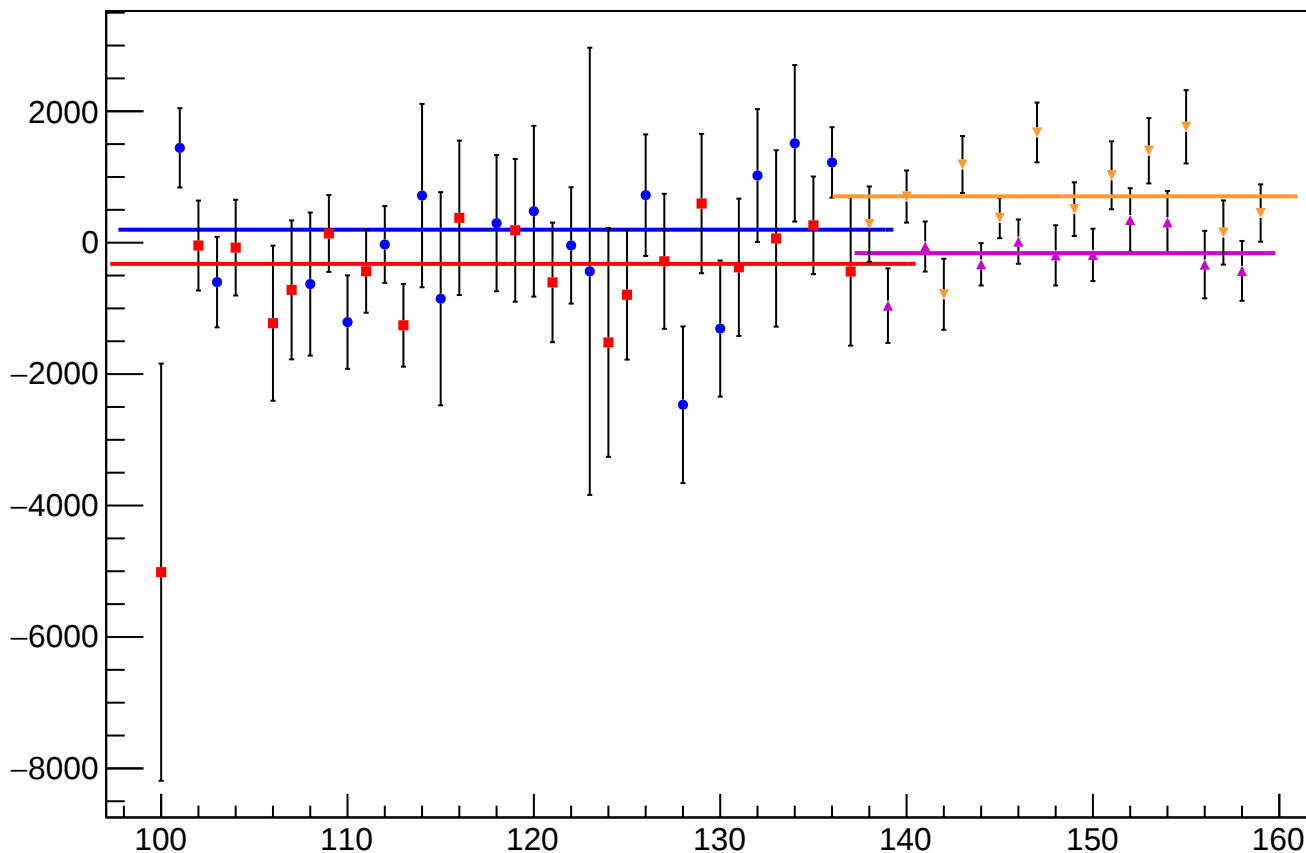
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 426.956 $\pm$ 0.081 χ^2 /NDF: 1762203.4/26

Out: 425.783 $\pm$ 0.077 χ^2 /NDF: 1983996.5/30

All: 426.345 $\pm$ 0.056 χ^2 /NDF: 3746309.9/57

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 705.738 $\pm$ 129.145 χ^2 /NDF:22.9/11

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -158.921 $\pm$ 132.718 χ^2 /NDF:5.1/9

Left: 285.204 $\pm$ 92.557 χ^2 /NDF: 49.8/21

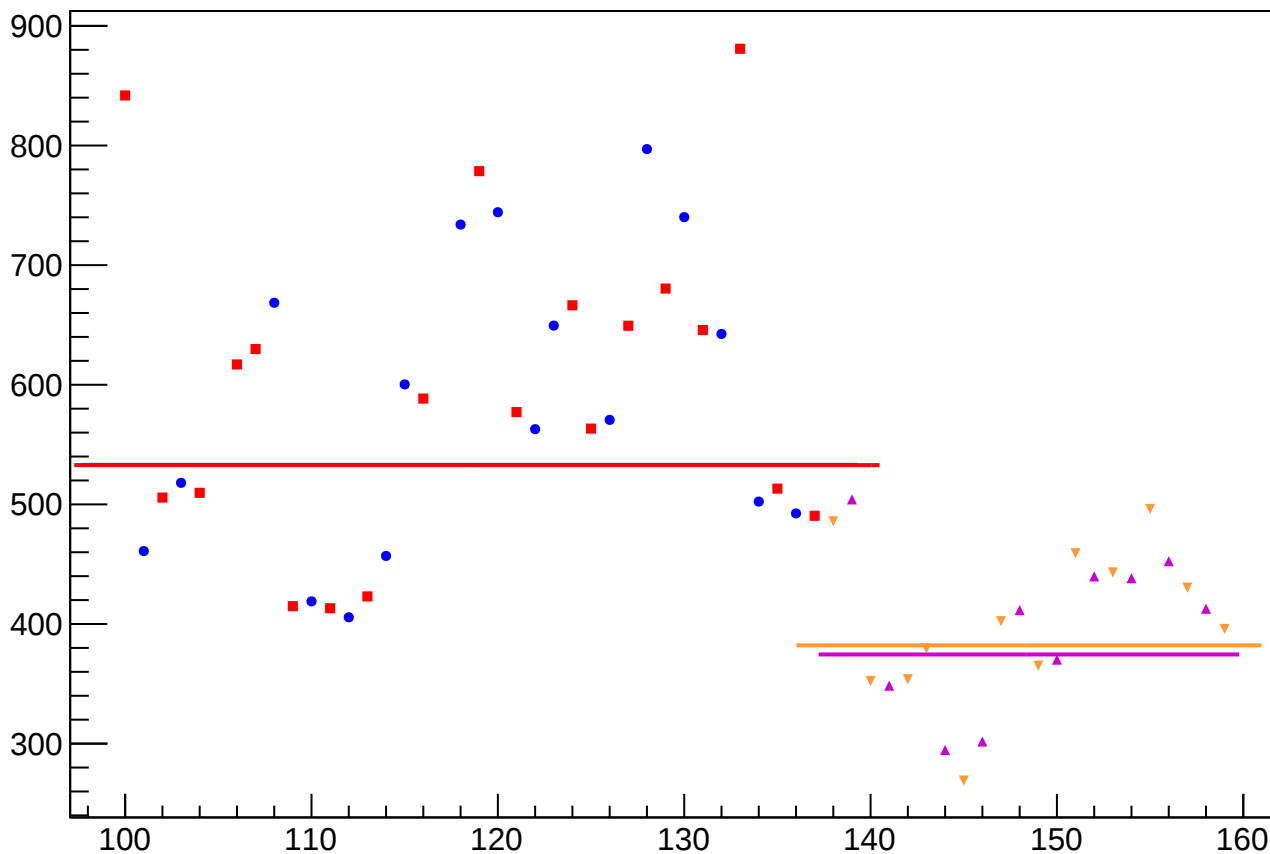
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -58.193 $\pm$ 112.415 χ^2 /NDF:31.1/26

Out: 414.415 $\pm$ 109.311 χ^2 /NDF:49.7/30

All: 184.726 $\pm$ 78.369 χ^2 /NDF: 89.9/57

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 382.158 $\pm$ 0.091 χ^2/NDF : 537716.4/11

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 374.540 $\pm$ 0.094 χ^2/NDF : 475582.6/9

Left: 378.453 $\pm$ 0.065 χ^2/NDF : 1016684.1/21

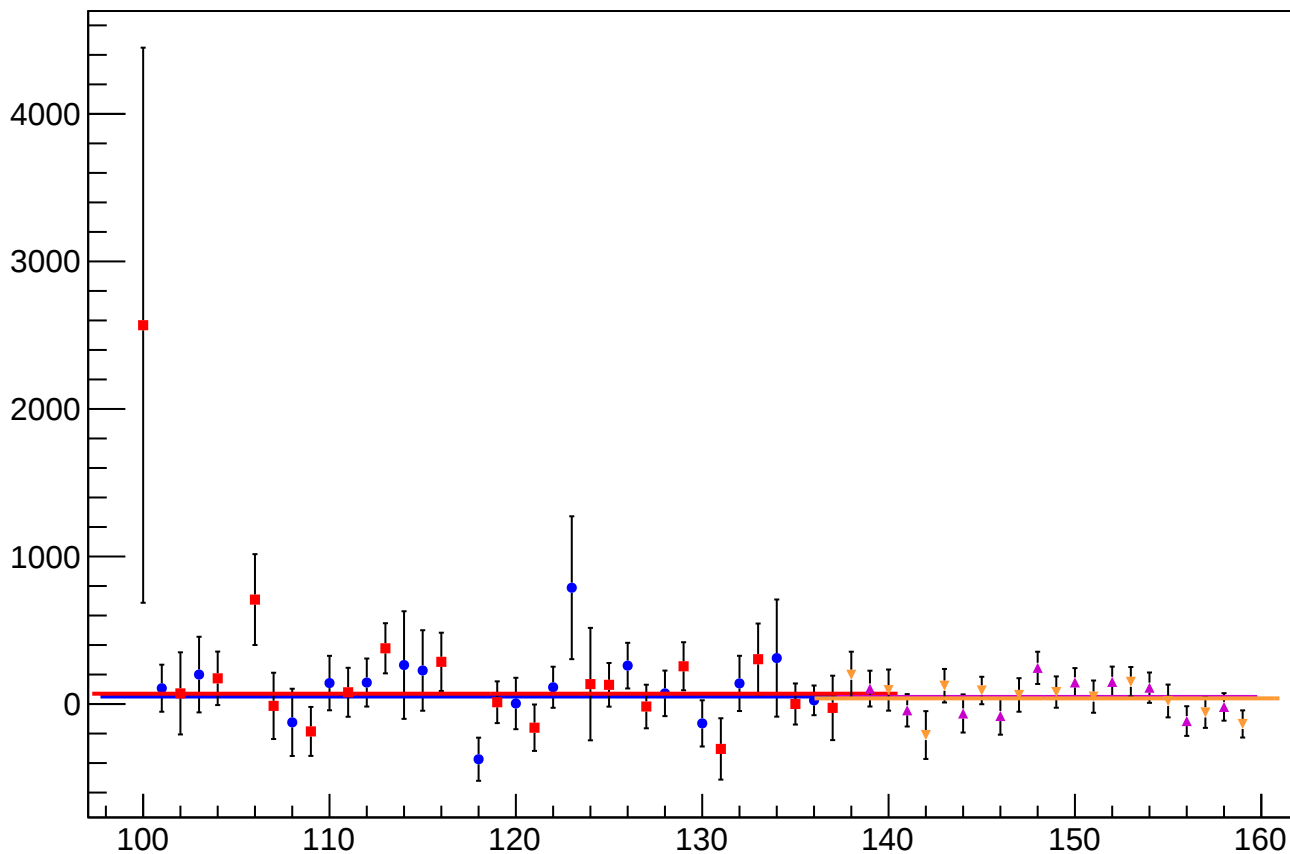
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 419.323 $\pm$ 0.079 χ^2/NDF : 1848348.7/26

Out: 424.894 $\pm$ 0.077 χ^2/NDF : 1926935.5/30

All: 422.186 $\pm$ 0.055 χ^2/NDF : 3777808.4/57

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 38.428+/-32.226 χ^2/NDF :10.3/11

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 48.121+/-34.004 χ^2/NDF :11.5/9

Left: 43.014+/-23.390 χ^2/NDF : 21.9/21

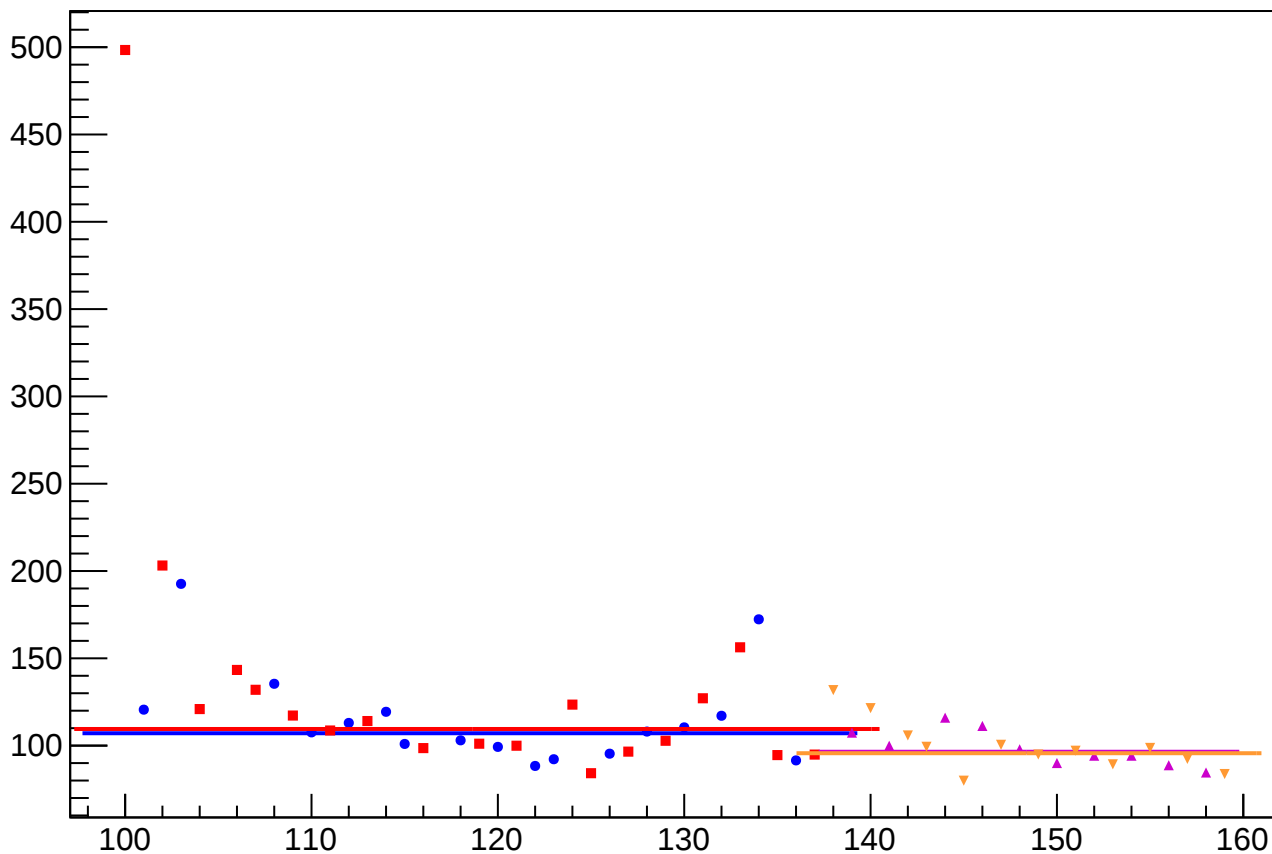
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 49.312+/-26.531 χ^2/NDF :28.9/26

Out: 49.879+/-25.743 χ^2/NDF :32.8/30

All: 49.604+/-18.475 χ^2/NDF : 61.7/57

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Left: 96.048 ± 0.017 $\chi^2/\text{NDF}: 438862.3/21$

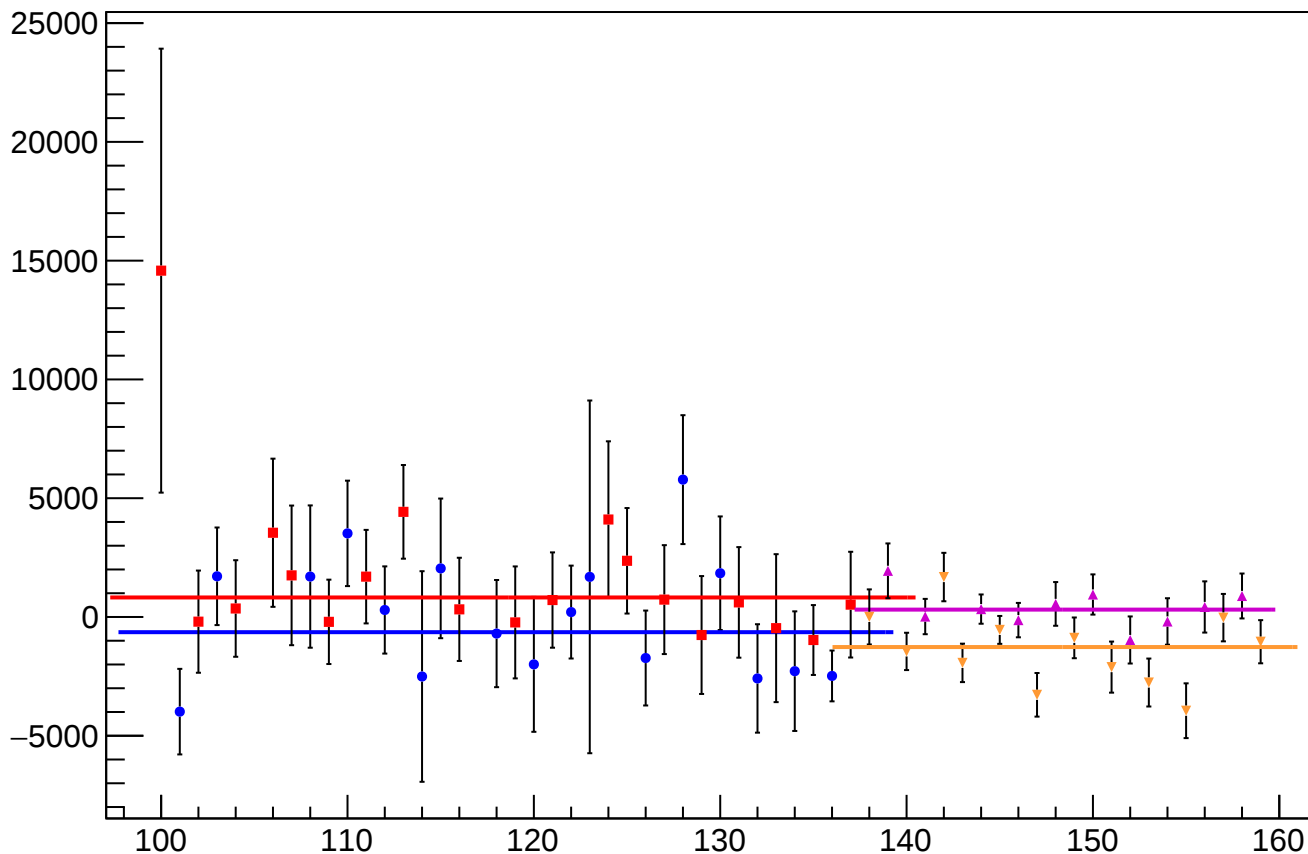
Right: 108.301 ± 0.021 $\chi^2/\text{NDF}: 1032549.7/35$

In: 100.638 ± 0.019 $\chi^2/\text{NDF}: 660464.7/26$

Out: 100.674 ± 0.018 $\chi^2/\text{NDF}: 1017397.1/30$

All: 100.657 ± 0.013 $\chi^2/\text{NDF}: 1677863.7/57$

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1265.925 $\pm$ 257.185 χ^2 /NDF:26.6/11

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 310.140 $\pm$ 269.911 χ^2 /NDF:5.5/9

Left: -515.924 $\pm$ 186.194 χ^2 /NDF: 50.0/21

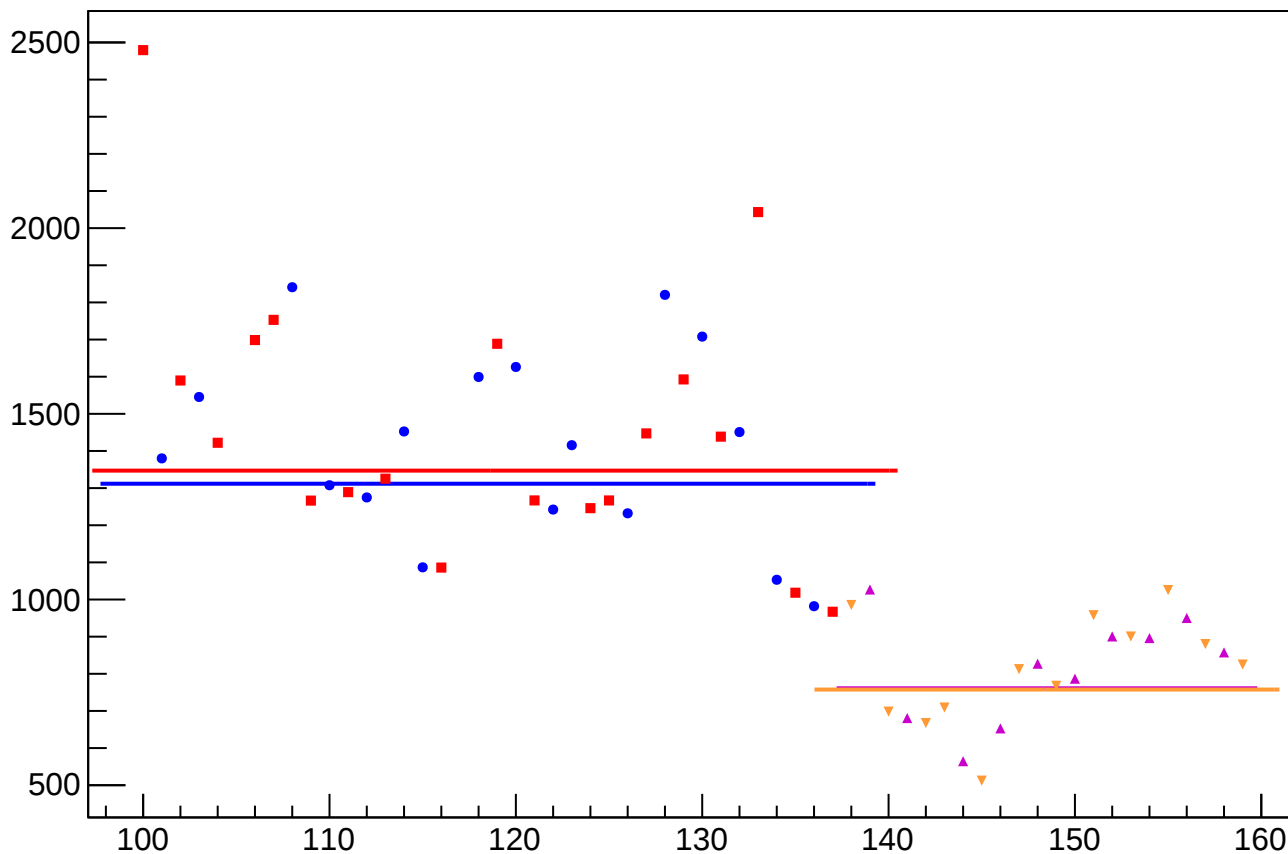
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 108.053 $\pm$ 239.488 χ^2 /NDF:29.9/26

Out: -850.121 $\pm$ 230.149 χ^2 /NDF:50.7/30

All: -390.082 $\pm$ 165.943 χ^2 /NDF: 88.9/57

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 757.563+/-0.182 χ^2/NDF : 726614.4/11

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 761.017+/-0.191 χ^2/NDF : 550054.2/9

Left: 759.207+/-0.132 χ^2/NDF : 1276840.3/21

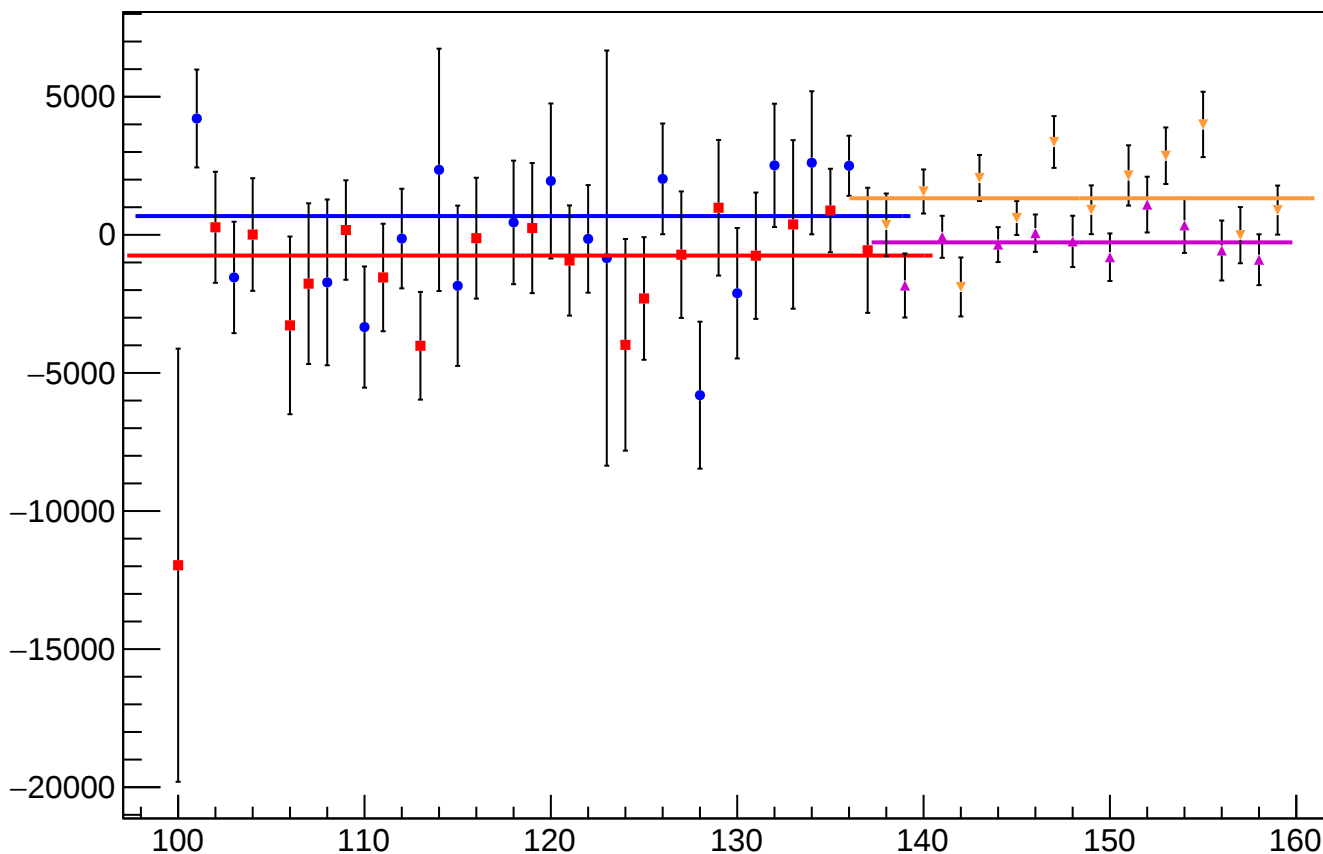
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 878.181+/-0.169 χ^2/NDF : 2834306.0/26

Out: 875.001+/-0.163 χ^2/NDF : 3310560.9/30

All: 876.528+/-0.117 χ^2/NDF : 6145050.3/57

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1325.243 $\pm$ 262.788 χ^2 /NDF:26.8/11

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -272.305 $\pm$ 270.370 χ^2 /NDF:5.3/9

Left: 549.185 $\pm$ 188.443 χ^2 /NDF: 50.1/21

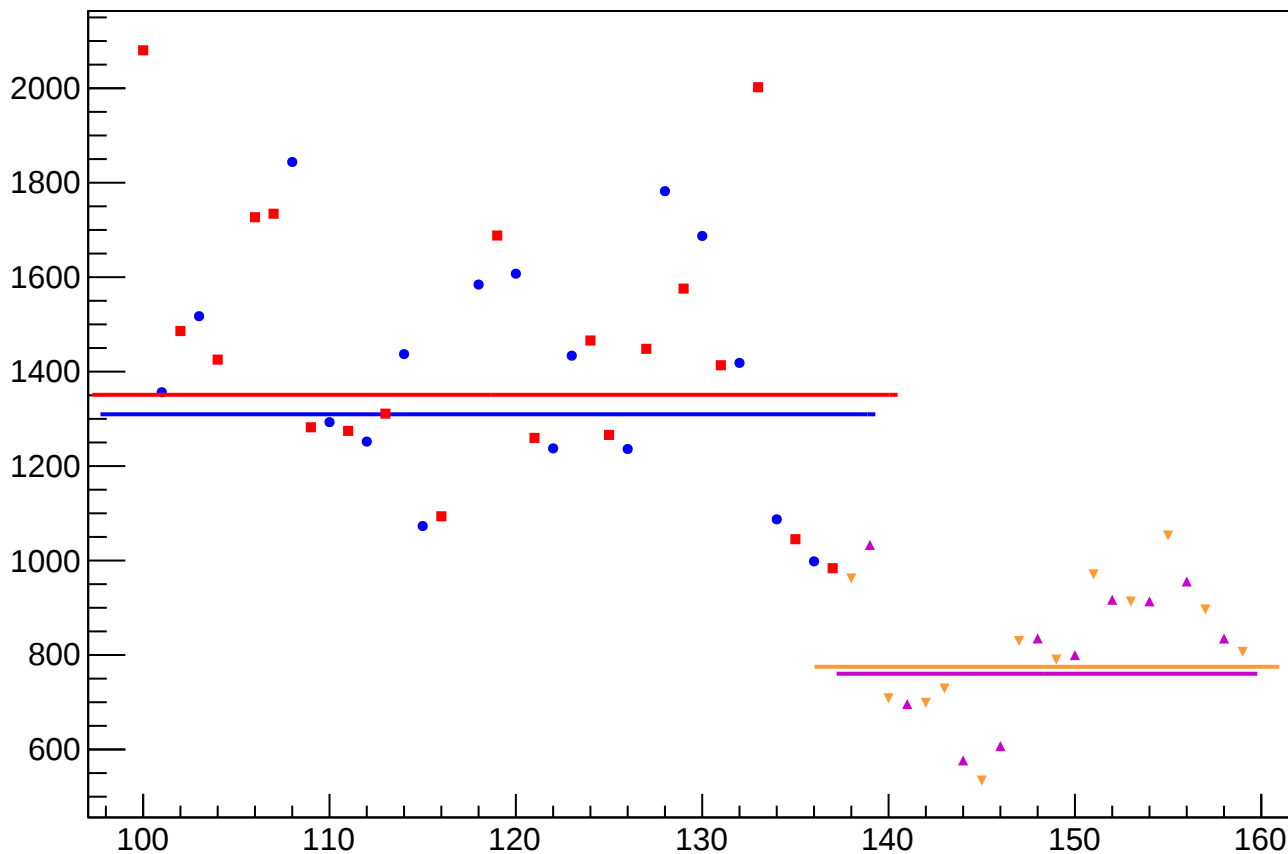
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: -68.124 $\pm$ 239.637 χ^2 /NDF:30.5/26

Out: 898.167 $\pm$ 234.187 χ^2 /NDF:49.4/30

All: 426.133 $\pm$ 167.489 χ^2 /NDF: 88.2/57

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 775.039+/-0.186 χ^2/NDF : 642302.2/11

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 760.330+/-0.191 χ^2/NDF : 586416.6/9

Left: 767.894+/-0.133 χ^2/NDF : 1231762.6/21

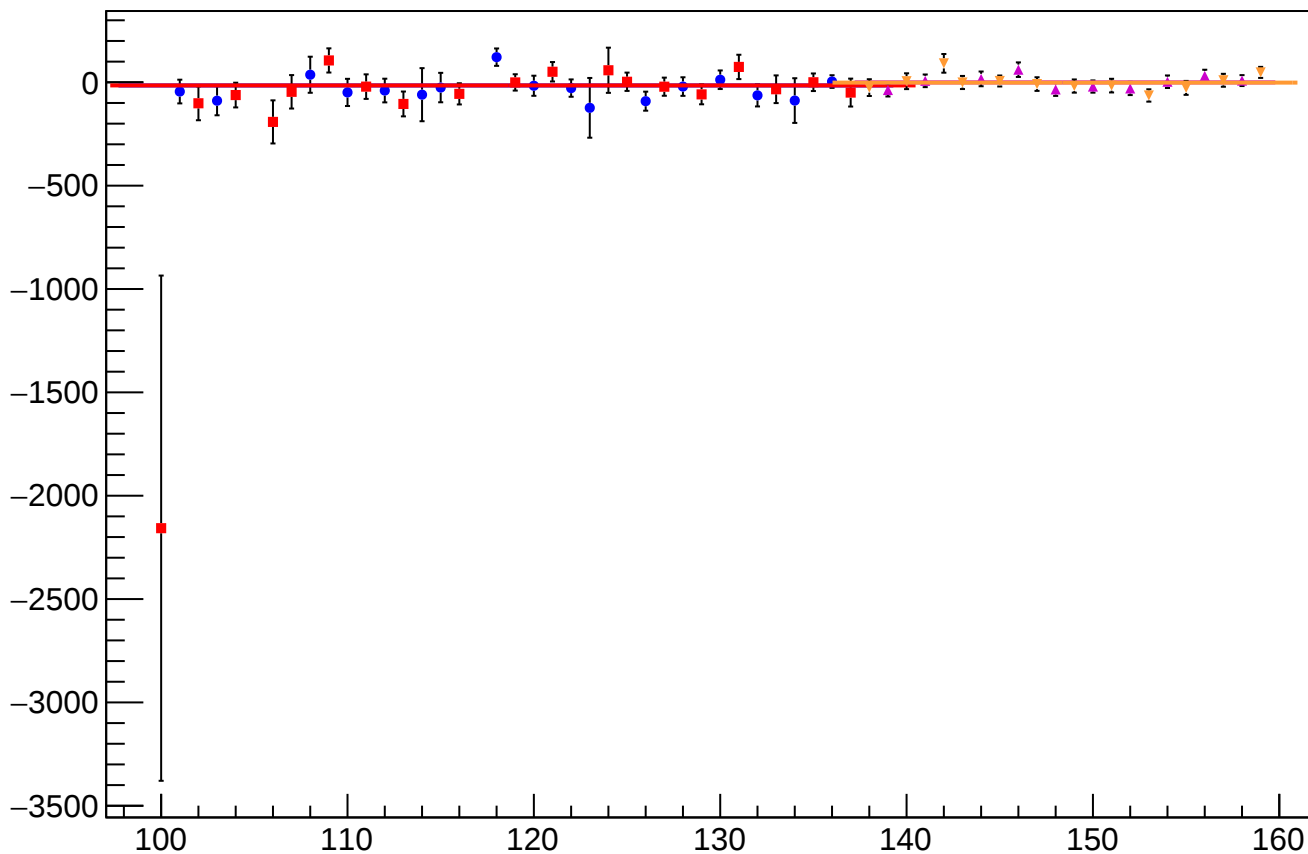
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 878.118+/-0.169 χ^2/NDF : 2816008.7/26

Out: 893.573+/-0.166 χ^2/NDF : 3042057.2/30

All: 886.023+/-0.118 χ^2/NDF : 5862321.0/57

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.510 ± 9.354 χ^2/NDF : 13.7/11

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -0.450 ± 9.780 χ^2/NDF : 8.4/9

Left: -1.004 ± 6.760 χ^2/NDF : 22.2/21

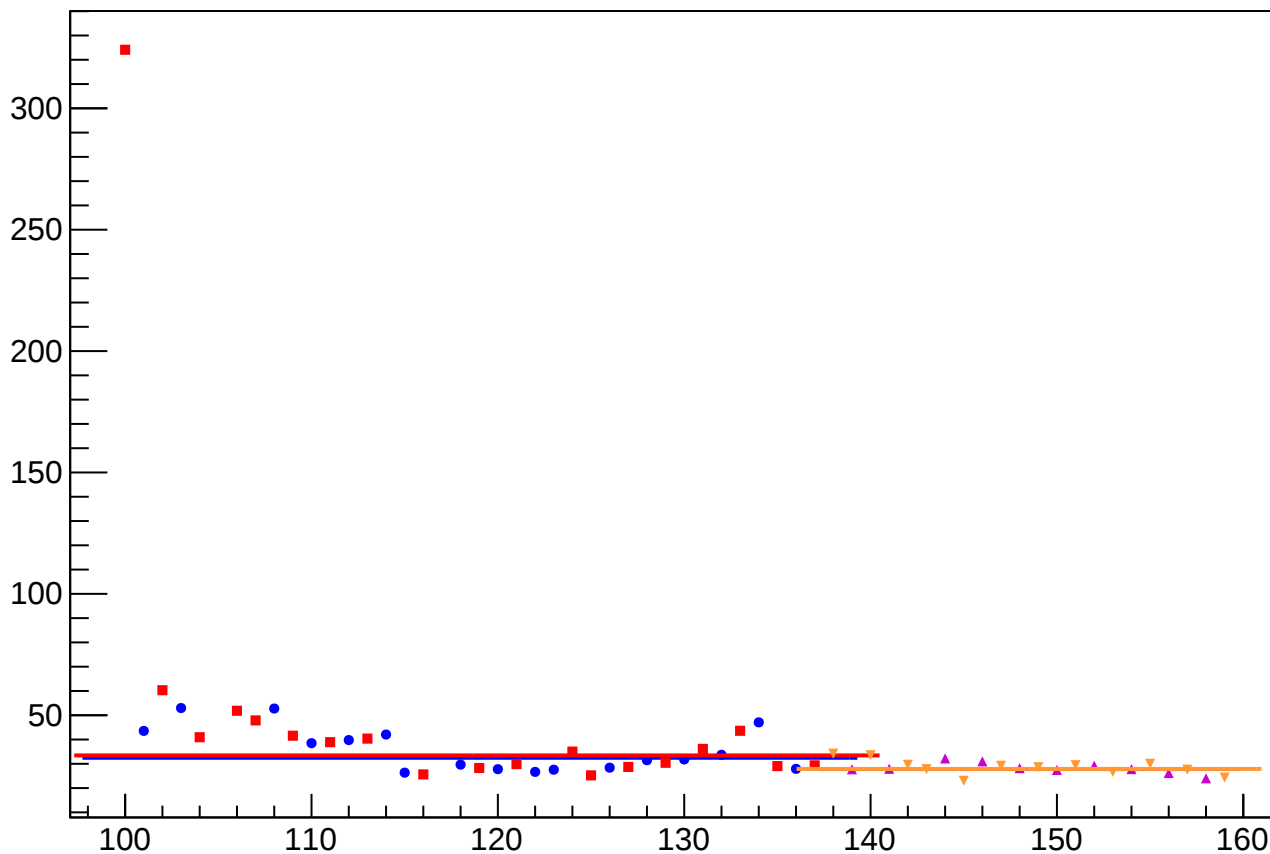
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -5.859 ± 7.795 χ^2/NDF : 27.6/26

Out: -6.096 ± 7.612 χ^2/NDF : 35.7/30

All: -5.980 ± 5.446 χ^2/NDF : 63.3/57

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.880+/-0.007 χ^2/NDF : 217718.4/11

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.830+/-0.007 χ^2/NDF : 98441.3/9

Left: 27.856+/-0.005 χ^2/NDF : 316186.6/21

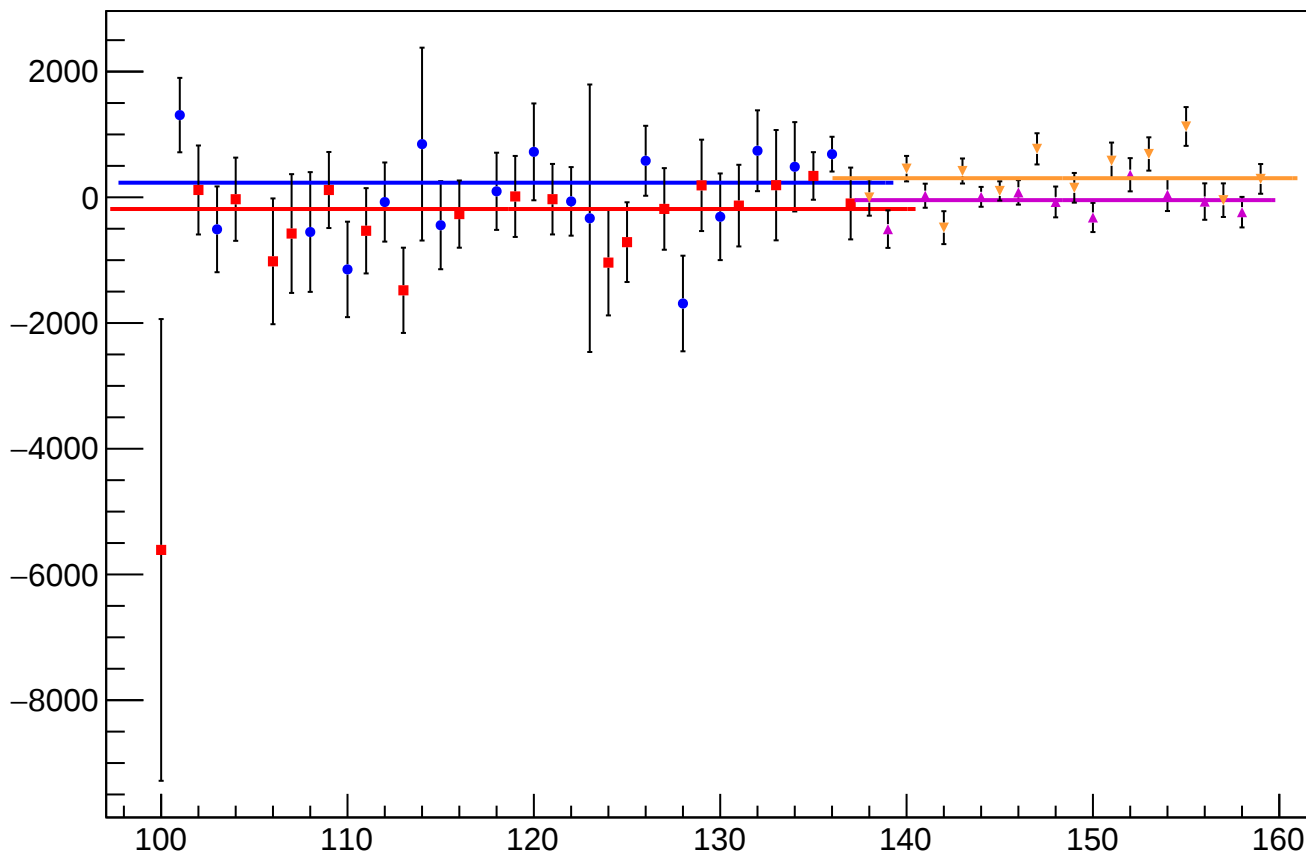
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 29.529+/-0.006 χ^2/NDF : 858454.4/26

Out: 29.760+/-0.005 χ^2/NDF : 1295146.7/30

All: 29.647+/-0.004 χ^2/NDF : 2154493.9/57

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332+/-148.607 χ^2/NDF : 21.5/16

Left Out: 304.081+/-67.198 χ^2/NDF : 28.6/11

Right Out: -186.198+/-149.878 χ^2/NDF : 11.8/18

Left In: -44.884+/-71.056 χ^2/NDF : 7.5/9

Left: 139.331+/-48.823 χ^2/NDF : 48.9/21

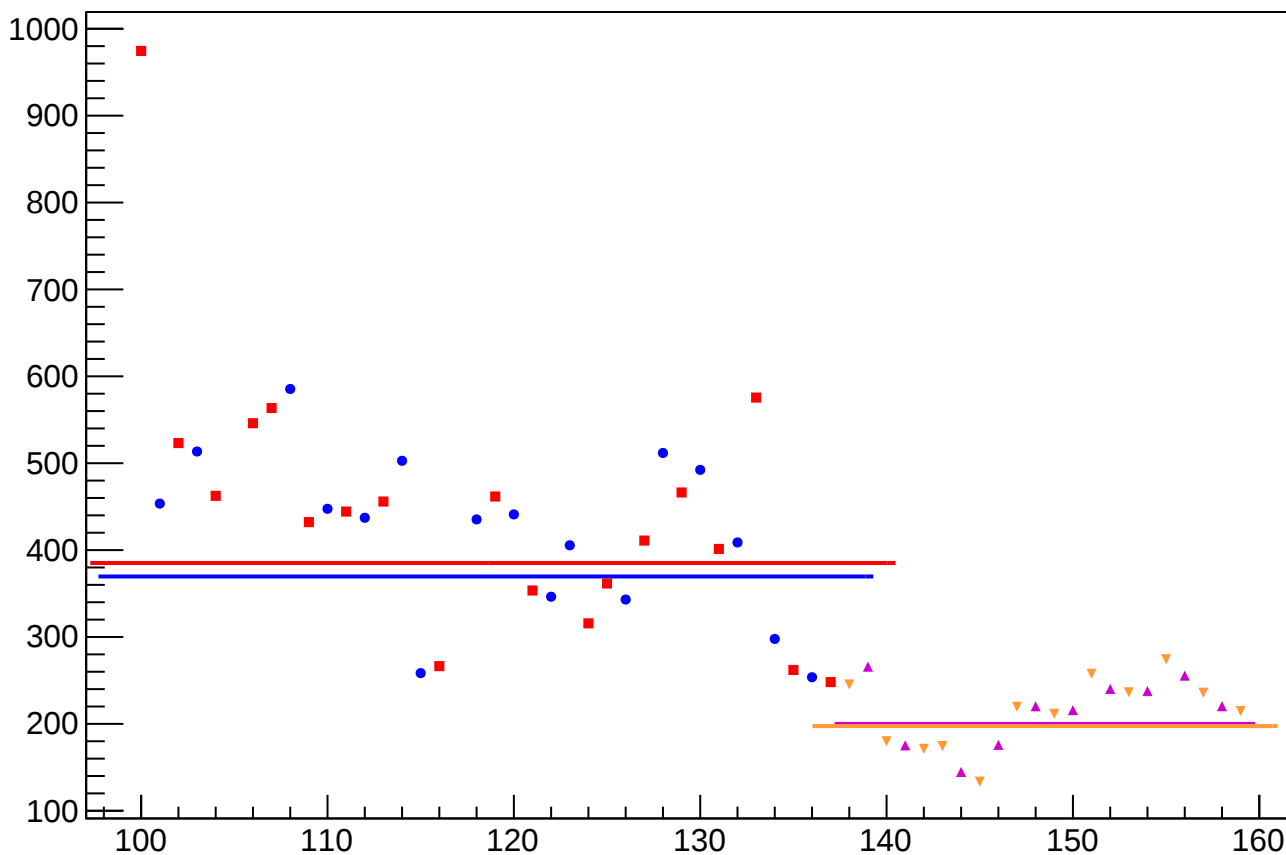
Right: 24.849+/-105.528 χ^2/NDF : 37.2/35

In: 6.701+/-64.105 χ^2/NDF : 31.8/26

Out: 222.022+/-61.317 χ^2/NDF : 49.3/30

All: 119.146+/-44.310 χ^2/NDF : 87.0/57

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: 197.463 $\pm$ 0.048 χ^2 /NDF: 794310.0/11

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 199.974 $\pm$ 0.050 χ^2 /NDF: 605370.2/9

Left: 198.648 $\pm$ 0.035 χ^2 /NDF: 1400998.4/21

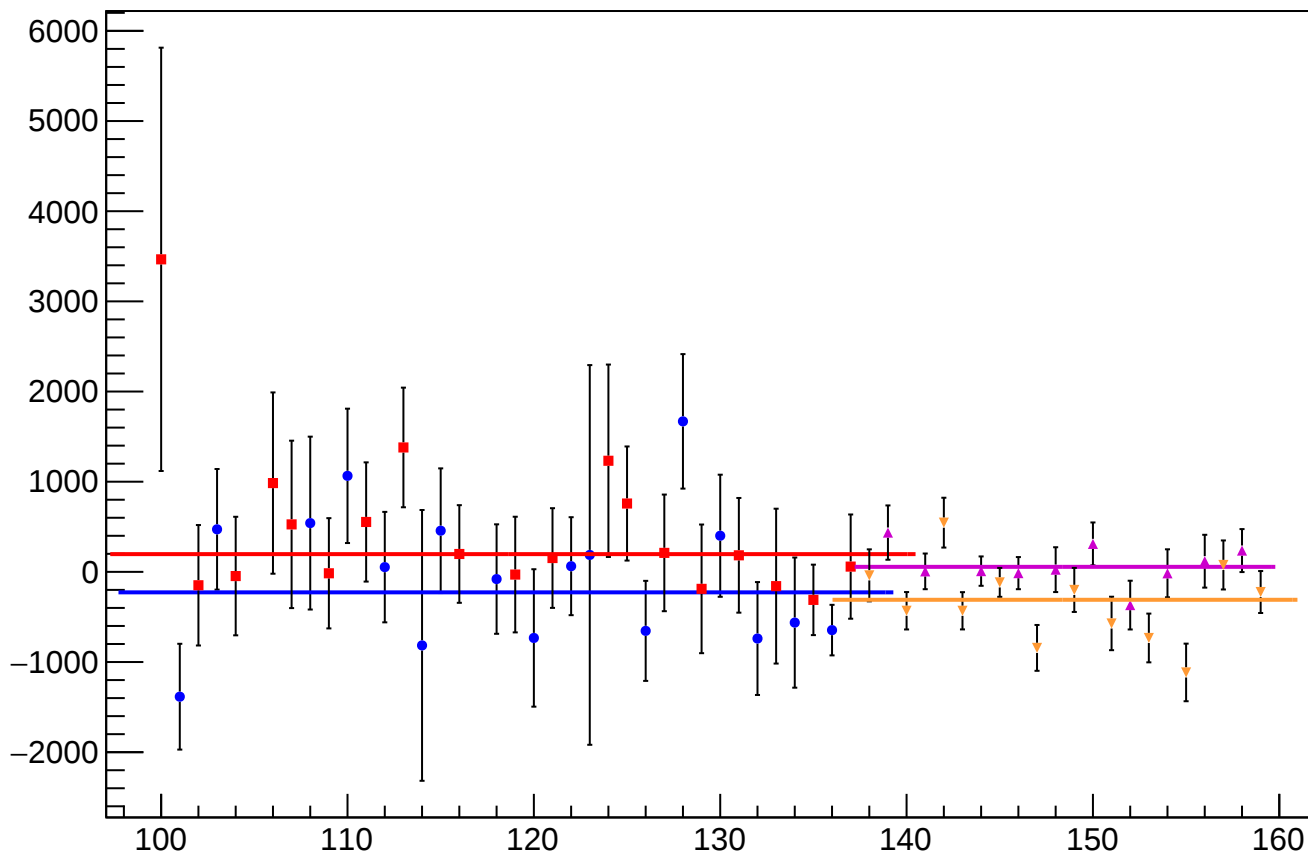
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 231.547 $\pm$ 0.045 χ^2 /NDF: 3630272.4/26

Out: 228.877 $\pm$ 0.043 χ^2 /NDF: 4332399.2/30

All: 230.153 $\pm$ 0.031 χ^2 /NDF: 7964483.9/57

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: -309.711 ± 69.046 $\chi^2/\text{NDF}: 29.0/11$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 55.675 ± 71.307 $\chi^2/\text{NDF}: 6.2/9$

Left: -132.904 ± 49.603 $\chi^2/\text{NDF}: 48.7/21$

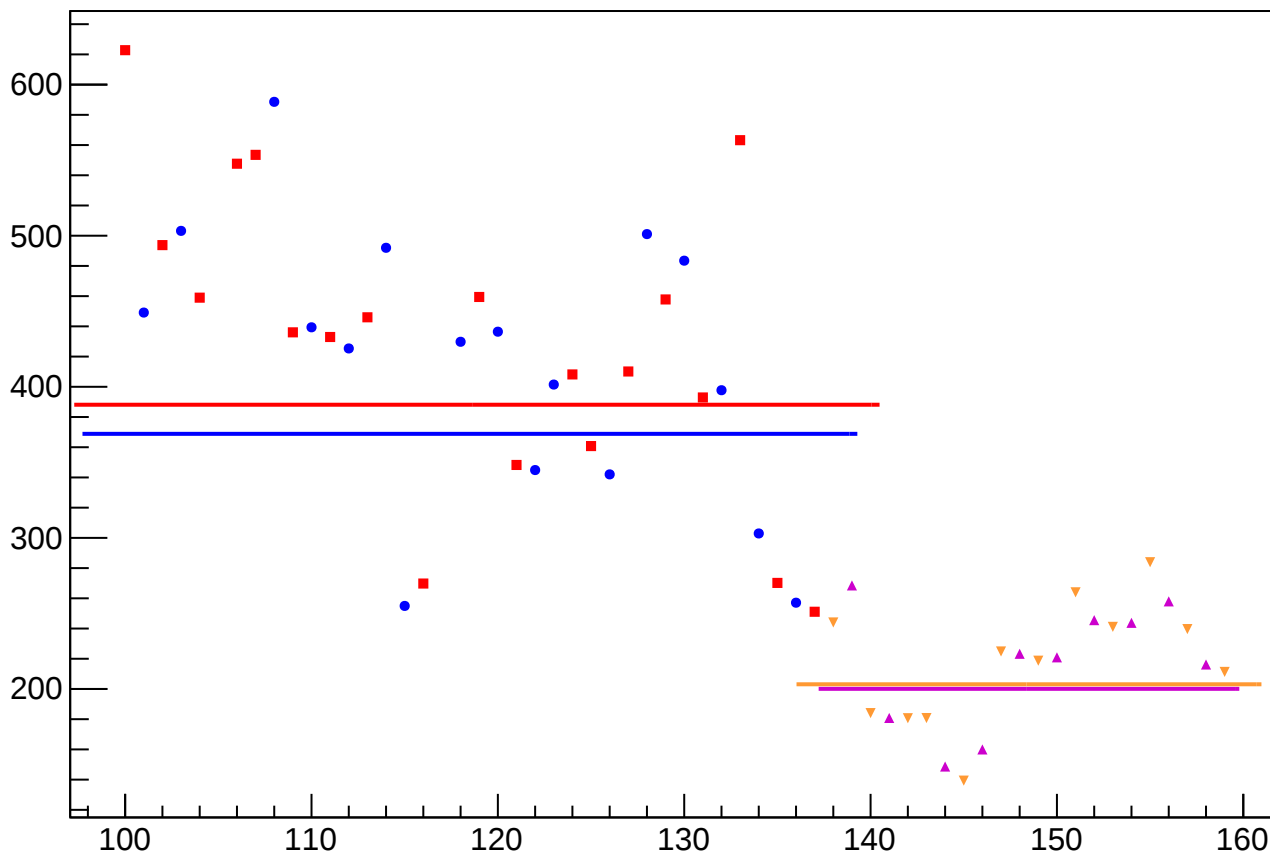
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: 2.321 ± 64.233 $\chi^2/\text{NDF}: 31.0/26$

Out: -221.336 ± 62.733 $\chi^2/\text{NDF}: 49.1/30$

All: -112.150 ± 44.880 $\chi^2/\text{NDF}: 86.3/57$

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: 203.102 $\pm$ 0.049 χ^2/NDF : 723260.1/11

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 200.093 $\pm$ 0.050 χ^2/NDF : 653394.6/9

Left: 201.646 $\pm$ 0.035 χ^2/NDF : 1378493.1/21

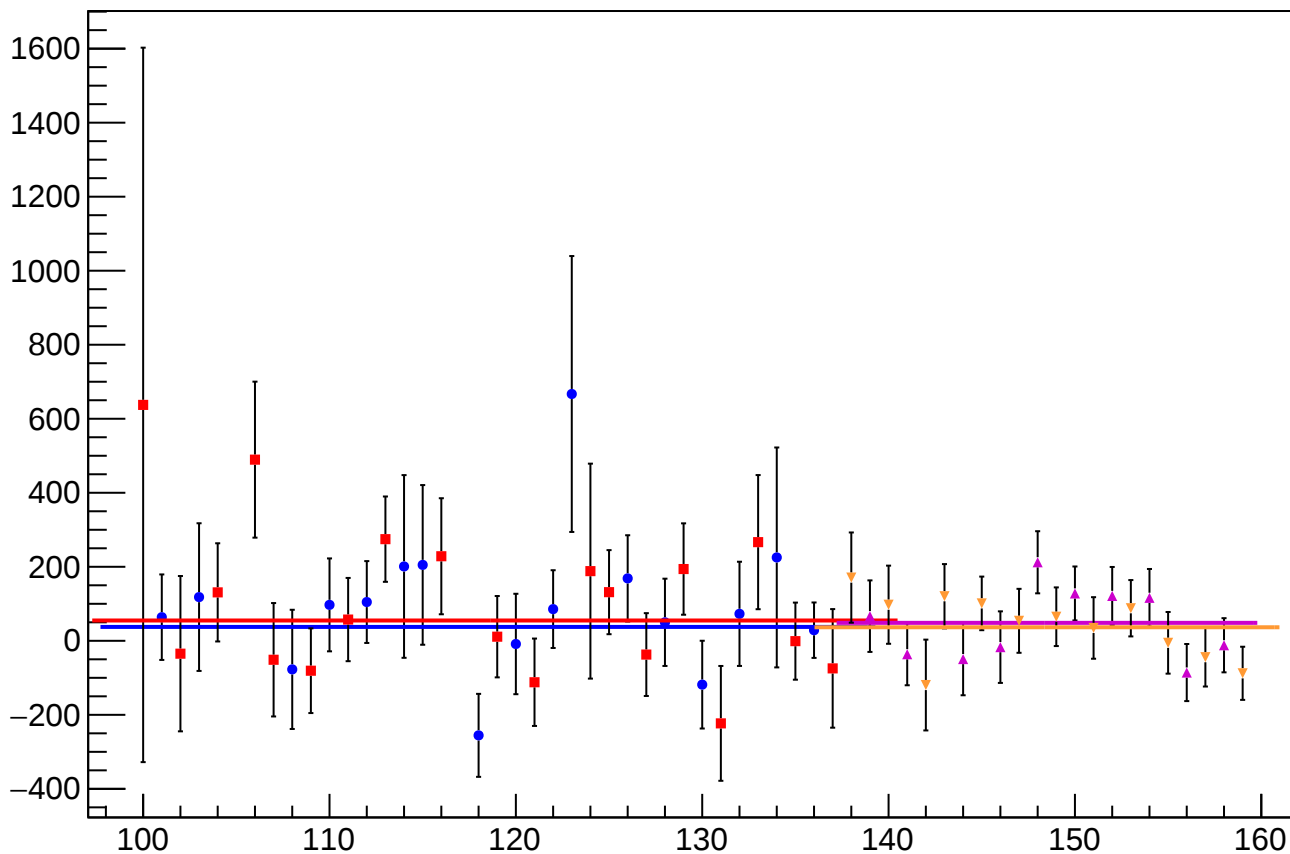
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 231.917 $\pm$ 0.045 χ^2/NDF : 3595684.7/26

Out: 235.388 $\pm$ 0.044 χ^2/NDF : 4007584.7/30

All: 233.694 $\pm$ 0.032 χ^2/NDF : 7606259.7/57

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: 36.581 $\pm$ 24.587 χ^2 /NDF: 9.8/11

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 48.532 $\pm$ 26.047 χ^2 /NDF: 12.8/9

Left: 42.212 $\pm$ 17.879 χ^2 /NDF: 22.8/21

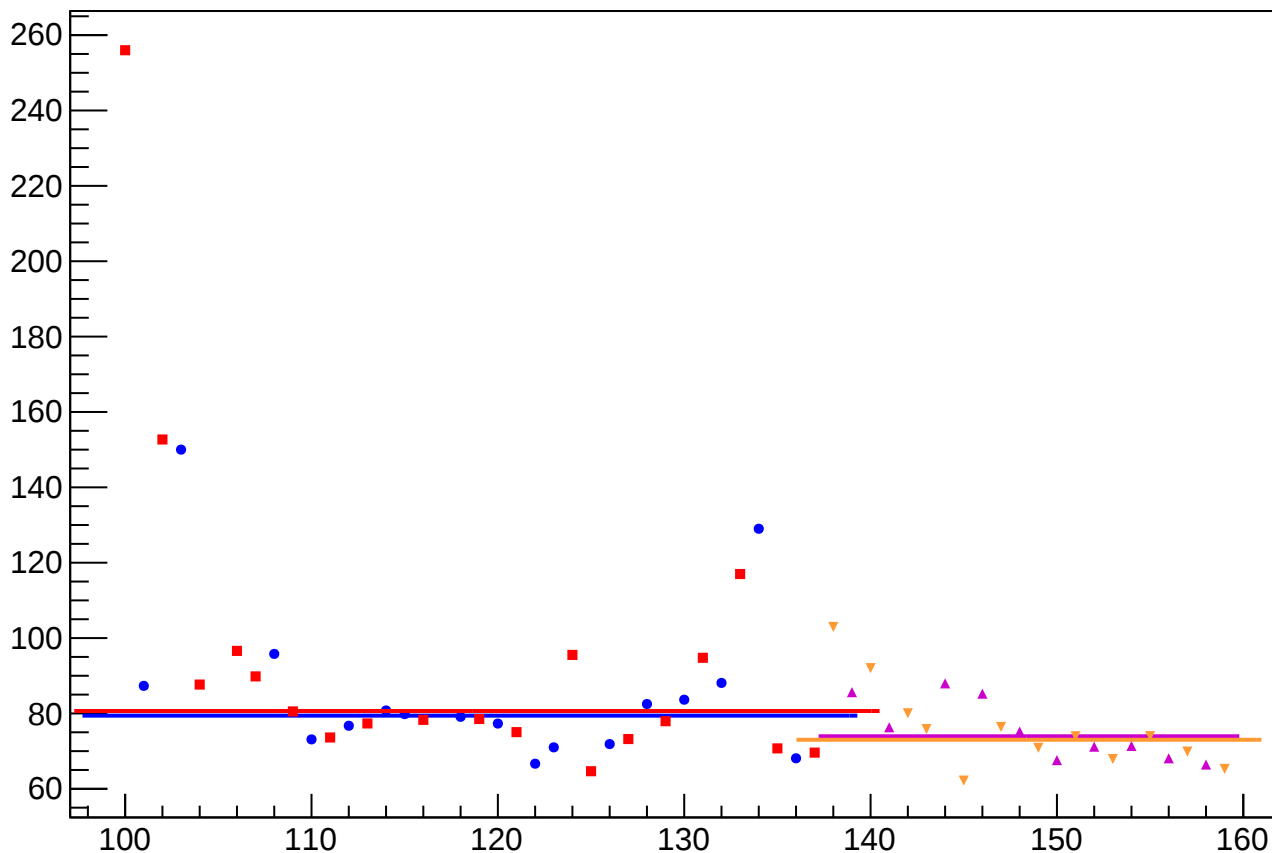
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 44.060 $\pm$ 20.063 χ^2 /NDF: 28.8/26

Out: 43.521 $\pm$ 19.375 χ^2 /NDF: 32.2/30

All: 43.781 $\pm$ 13.937 χ^2 /NDF: 60.9/57

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.017 $\pm$ 0.017 χ^2 /NDF: 279328.7/11

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 73.945 $\pm$ 0.018 χ^2 /NDF: 152148.1/9

Left: 73.454 $\pm$ 0.013 χ^2 /NDF: 432818.6/21

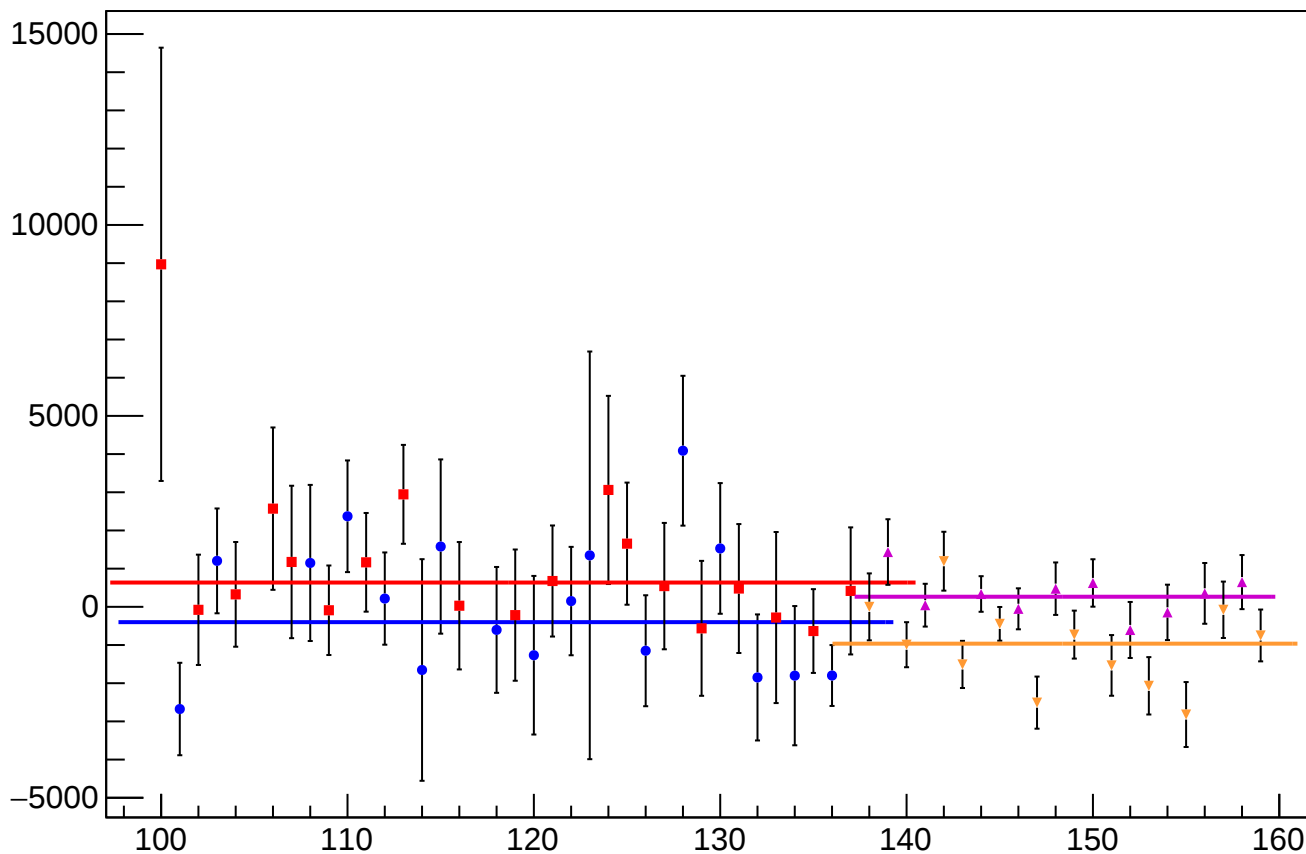
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.172 $\pm$ 0.014 χ^2 /NDF: 627152.4/26

Out: 75.911 $\pm$ 0.014 χ^2 /NDF: 872859.4/30

All: 76.037 $\pm$ 0.010 χ^2 /NDF: 1500187.6/57

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: -964.509 $\pm$ 192.310 χ^2 /NDF:25.5/11

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 264.580 $\pm$ 201.392 χ^2 /NDF:4.8/9

Left: -378.303 $\pm$ 139.084 χ^2 /NDF: 49.8/21

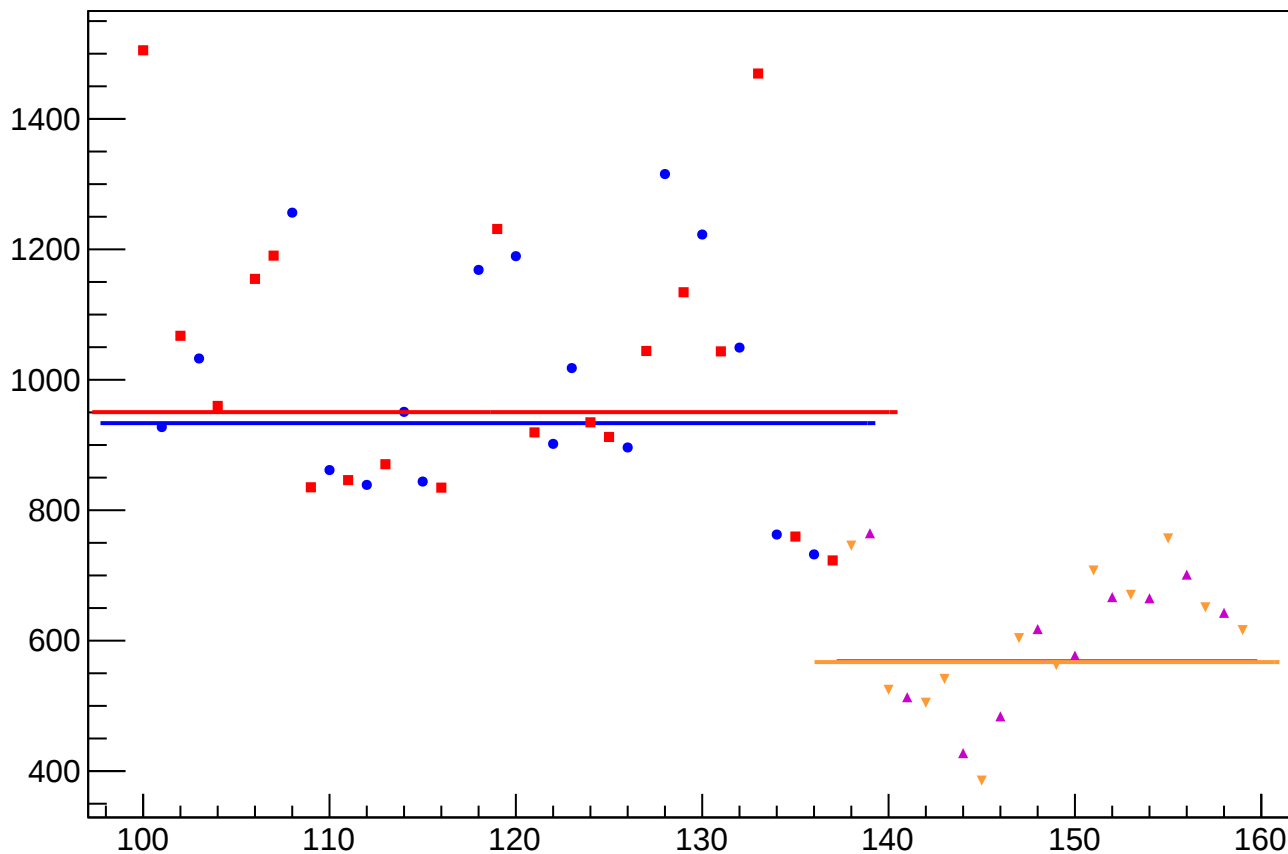
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 111.480 $\pm$ 176.720 χ^2 /NDF:29.3/26

Out: -613.602 $\pm$ 169.927 χ^2 /NDF:51.5/30

All: -265.263 $\pm$ 122.488 χ^2 /NDF: 89.5/57

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 567.166+/-0.136 χ^2/NDF : 690569.6/11

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 568.444+/-0.142 χ^2/NDF : 515847.5/9

Left: 567.776+/-0.098 χ^2/NDF : 1206459.3/21

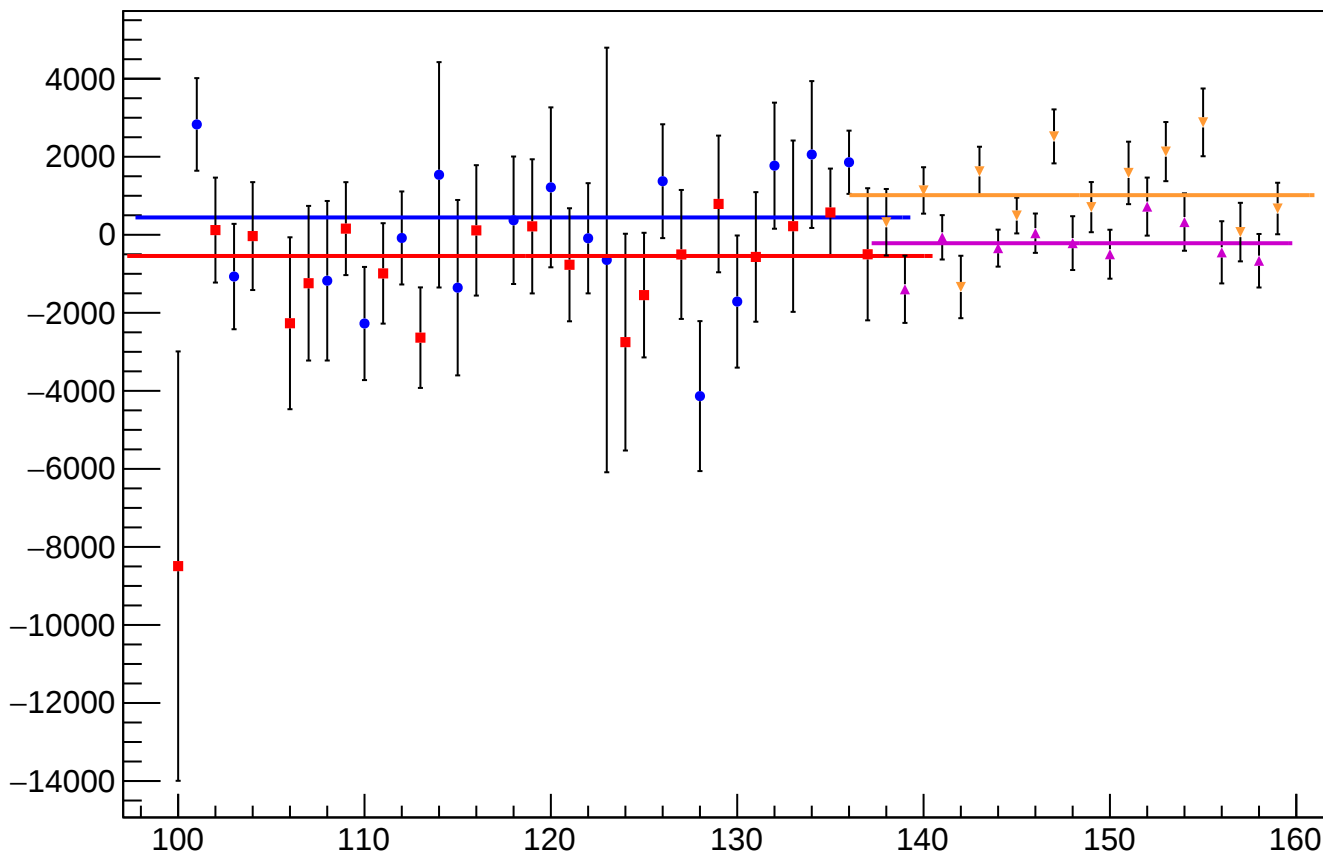
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 652.417+/-0.125 χ^2/NDF : 2469915.4/26

Out: 651.185+/-0.120 χ^2/NDF : 2856247.2/30

All: 651.777+/-0.087 χ^2/NDF : 5326213.2/57

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1015.846+/-195.207 χ^2/NDF :25.7/11

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -216.217+/-200.712 χ^2/NDF :5.1/9

Left: 416.941+/-139.938 χ^2/NDF : 50.2/21

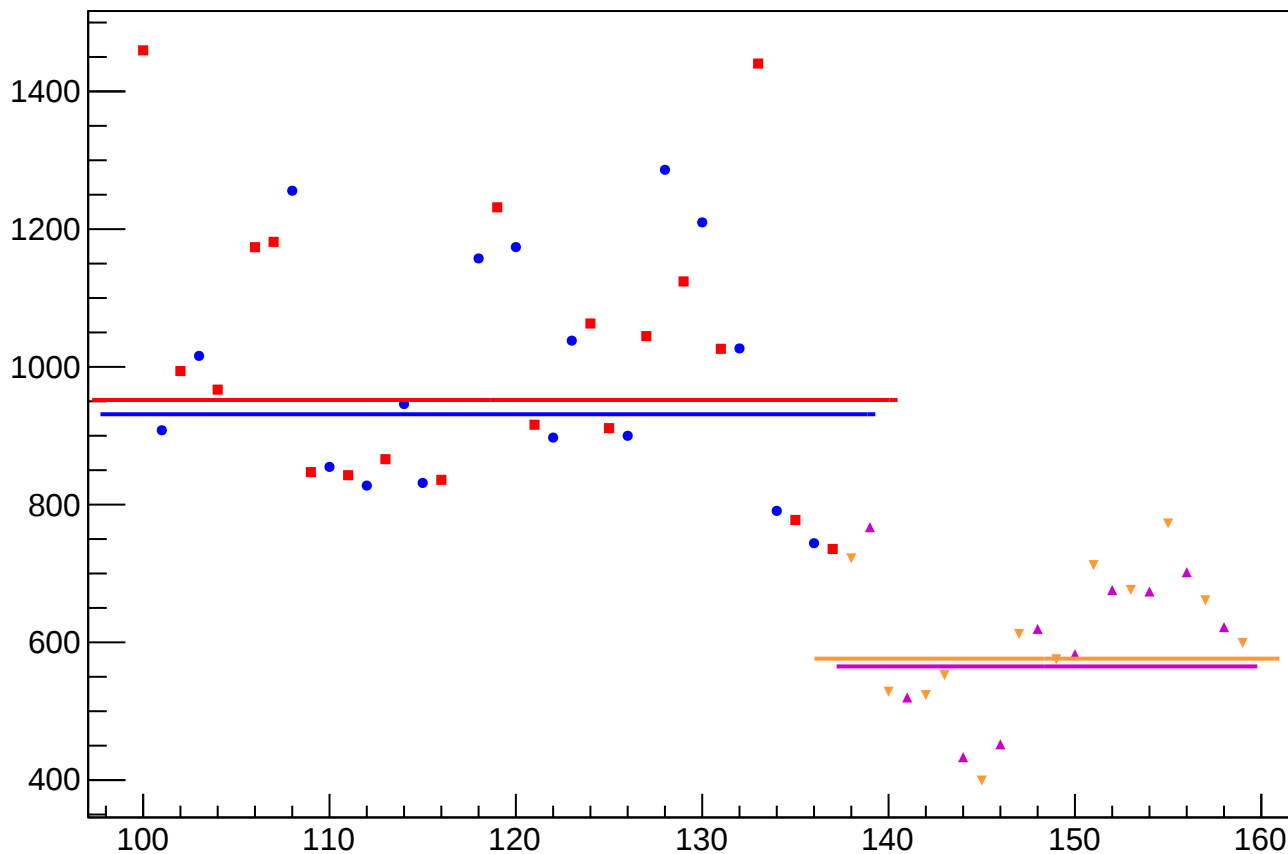
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -64.121+/-176.108 χ^2/NDF :30.5/26

Out: 666.637+/-171.958 χ^2/NDF :49.4/30

All: 309.969+/-123.034 χ^2/NDF : 88.7/57

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 576.348+/-0.138 χ^2/NDF : 608844.6/11

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 565.054+/-0.142 χ^2/NDF : 552572.5/9

Left: 570.858+/-0.099 χ^2/NDF : 1164671.7/21

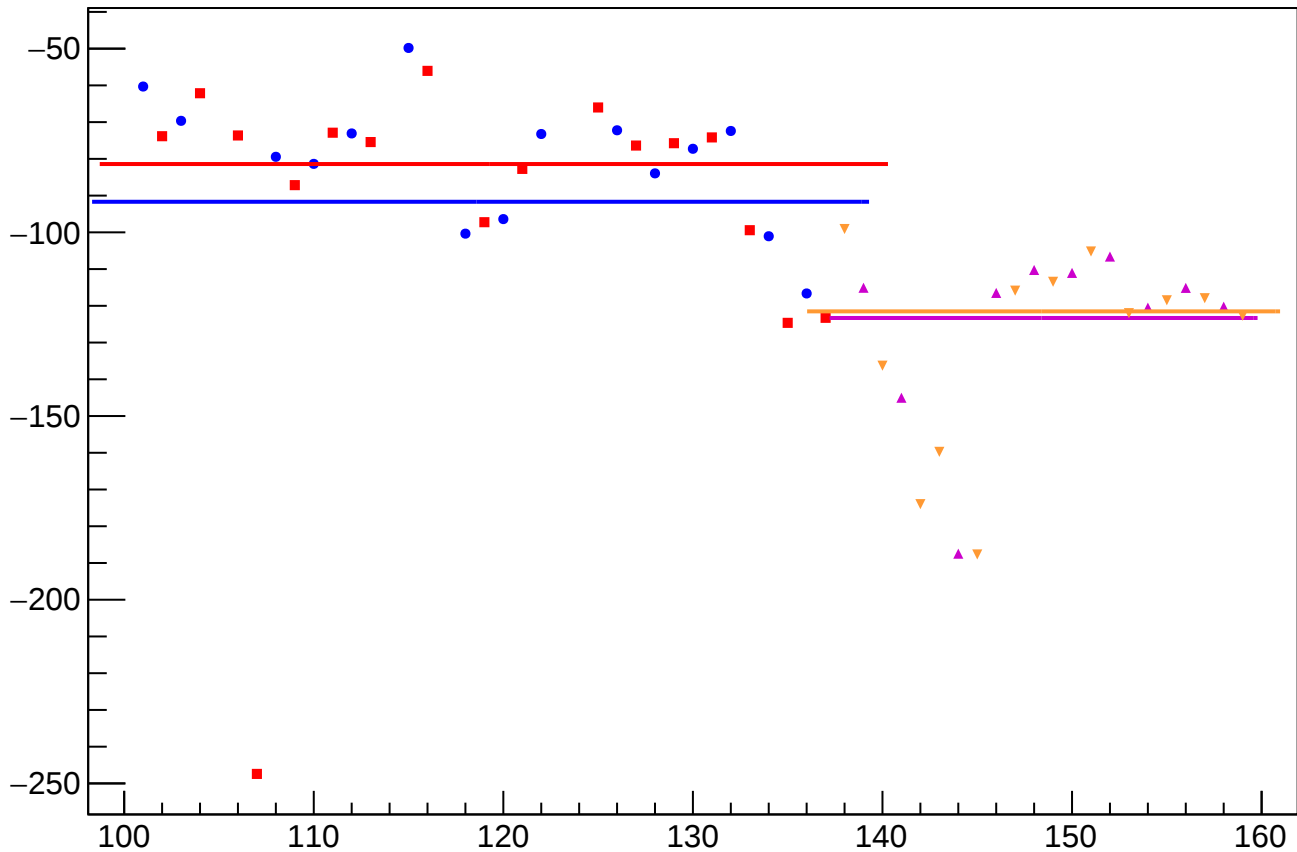
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 649.319+/-0.125 χ^2/NDF : 2484576.3/26

Out: 660.491+/-0.122 χ^2/NDF : 2650305.9/30

All: 655.038+/-0.087 χ^2/NDF : 5139002.4/57

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -121.510 ± 0.084 $\chi^2/\text{NDF}: 21814.0/11$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -123.313 ± 0.085 $\chi^2/\text{NDF}: 41703.5/9$

Left: -122.406 ± 0.060 $\chi^2/\text{NDF}: 63743.7/21$

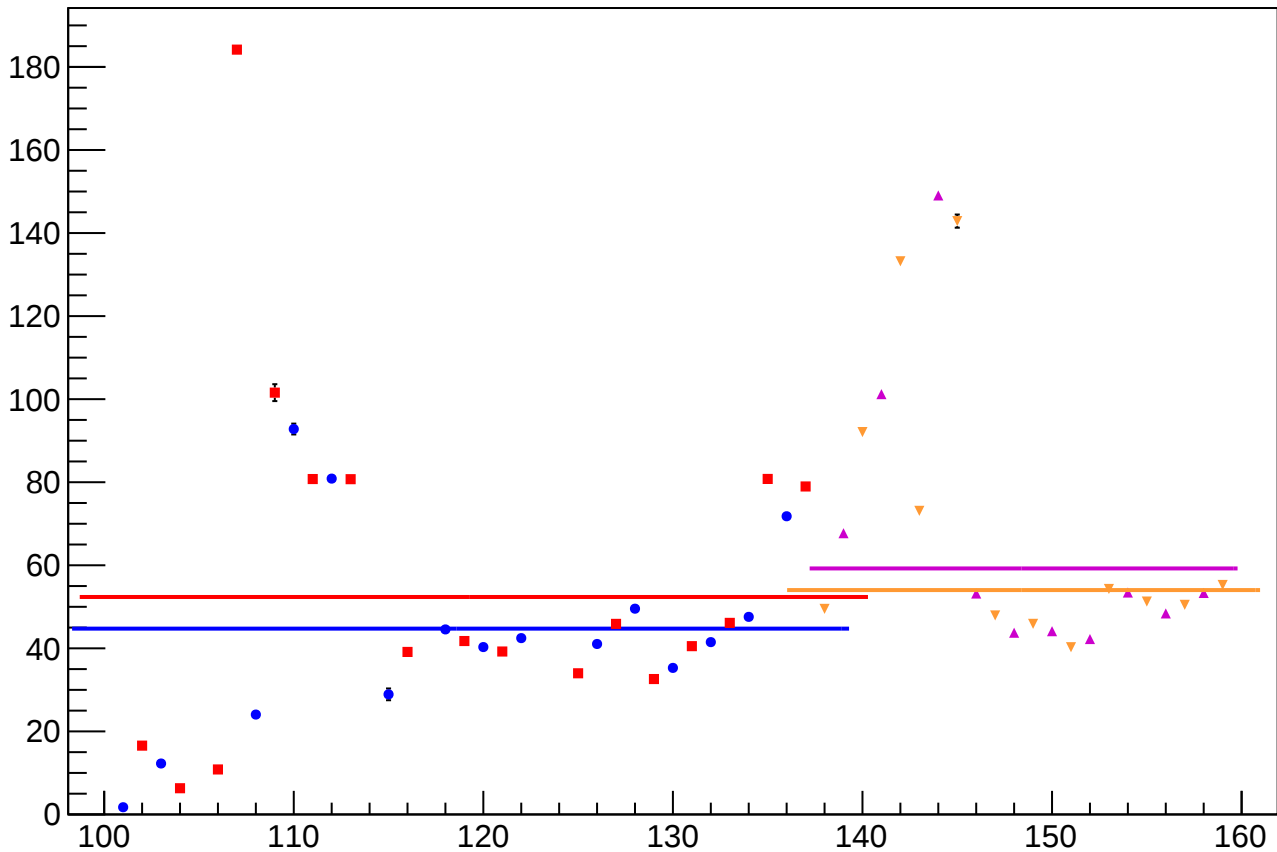
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -104.481 ± 0.054 $\chi^2/\text{NDF}: 188659.1/24$

Out: -104.507 ± 0.064 $\chi^2/\text{NDF}: 159073.9/28$

All: -104.492 ± 0.041 $\chi^2/\text{NDF}: 347733.1/53$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 54.030 $\pm$ 0.069 χ^2 /NDF:41535.2/11

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 59.238 $\pm$ 0.074 χ^2 /NDF:104792.3/9

Left: 56.451 $\pm$ 0.050 χ^2 /NDF: 148989.6/21

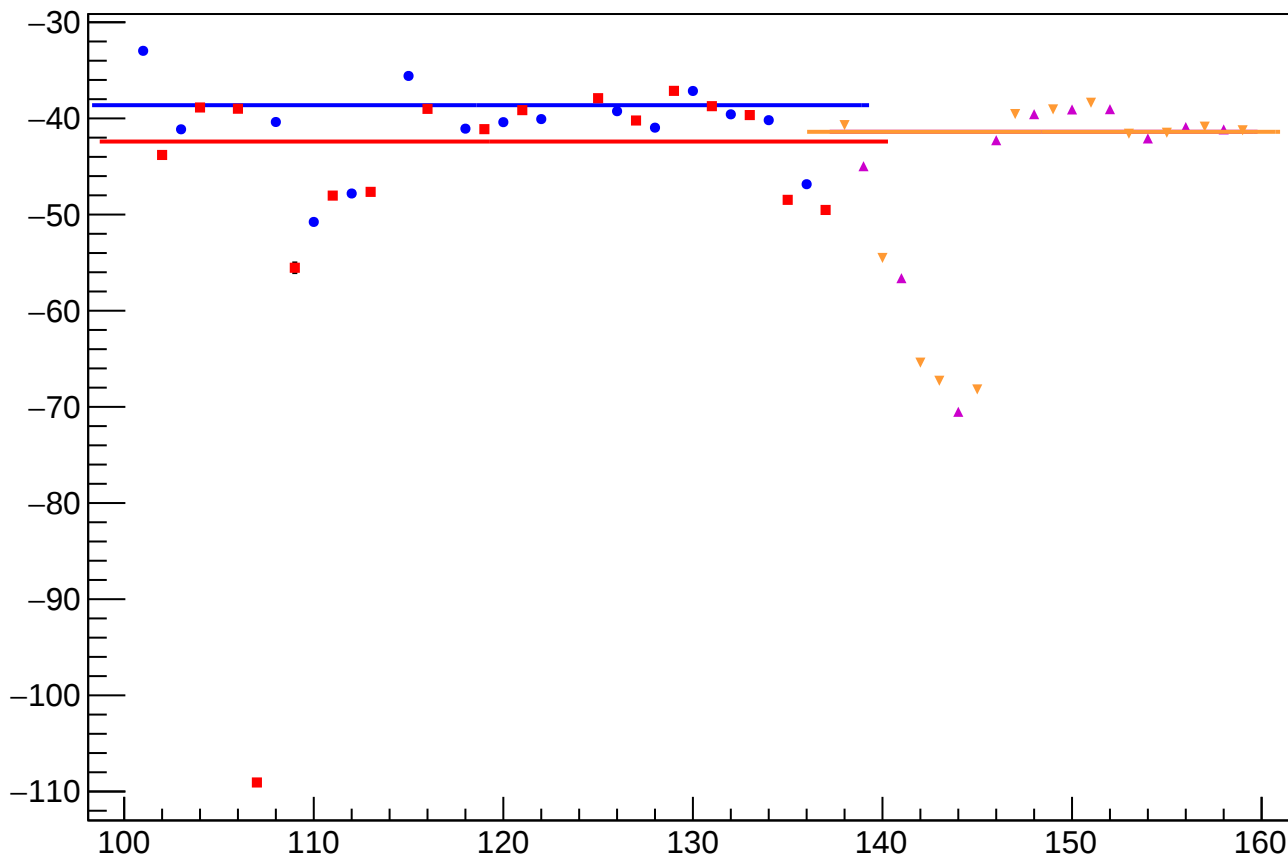
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 50.574 $\pm$ 0.047 χ^2 /NDF:212519.3/24

Out: 53.577 $\pm$ 0.059 χ^2 /NDF:110979.3/28

All: 51.742 $\pm$ 0.037 χ^2 /NDF: 325096.8/53

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -41.394+/-0.009 χ^2/NDF :185303.1/11

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -41.390+/-0.011 χ^2/NDF :142428.4/9

Left: -41.392+/-0.007 χ^2/NDF : 327731.5/21

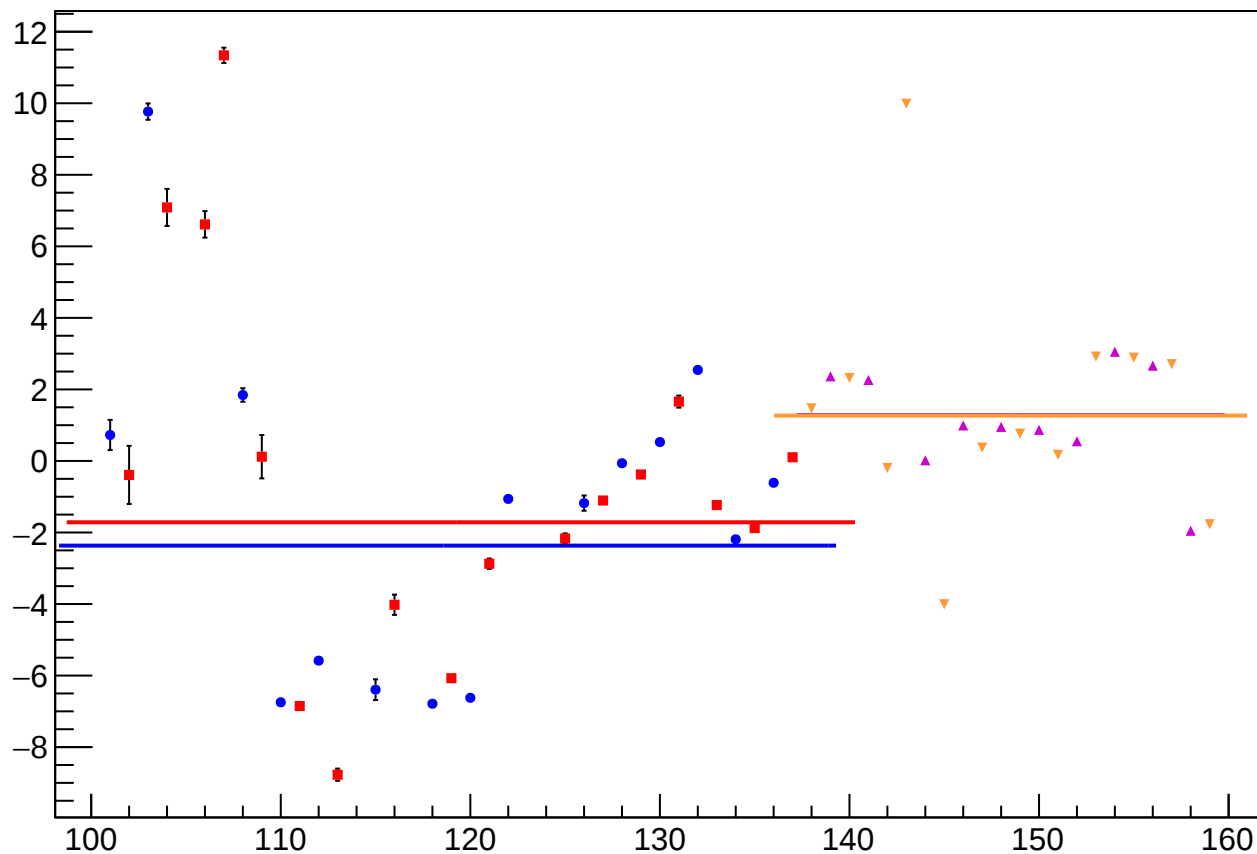
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.610+/-0.007 χ^2/NDF :422347.2/24

Out: -41.558+/-0.009 χ^2/NDF :456336.6/28

All: -40.340+/-0.005 χ^2/NDF : 910997.0/53

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.268 ± 0.010 $\chi^2/\text{NDF}: 38570.5/11$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.284 ± 0.010 $\chi^2/\text{NDF}: 23953.0/9$

Left: 1.277 ± 0.007 $\chi^2/\text{NDF}: 62524.7/21$

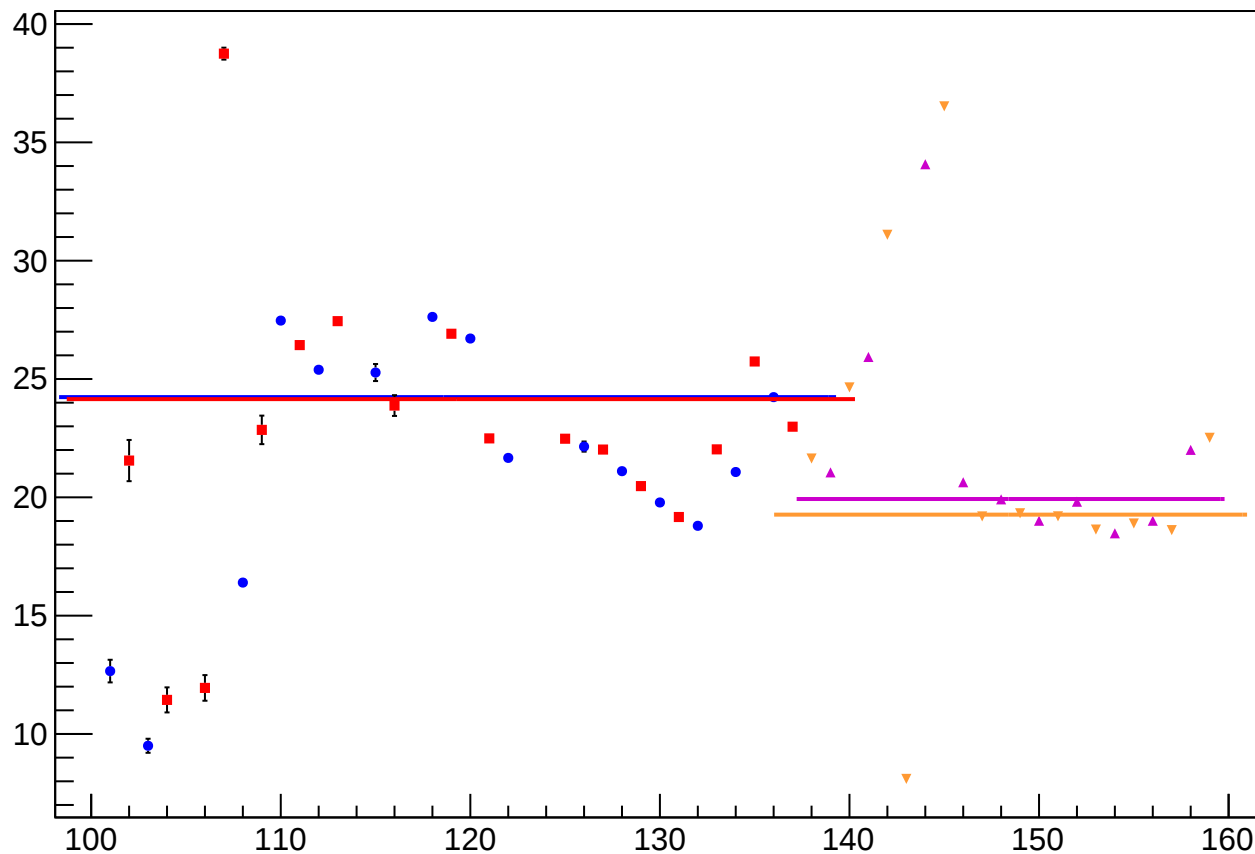
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.135 ± 0.008 $\chi^2/\text{NDF}: 98869.6/24$

Out: 0.901 ± 0.009 $\chi^2/\text{NDF}: 62000.0/28$

All: 0.449 ± 0.006 $\chi^2/\text{NDF}: 164722.1/53$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 19.269+/-0.010 χ^2/NDF : 48070.0/11

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 19.929+/-0.009 χ^2/NDF : 51604.8/9

Left: 19.630+/-0.007 χ^2/NDF : 101947.9/21

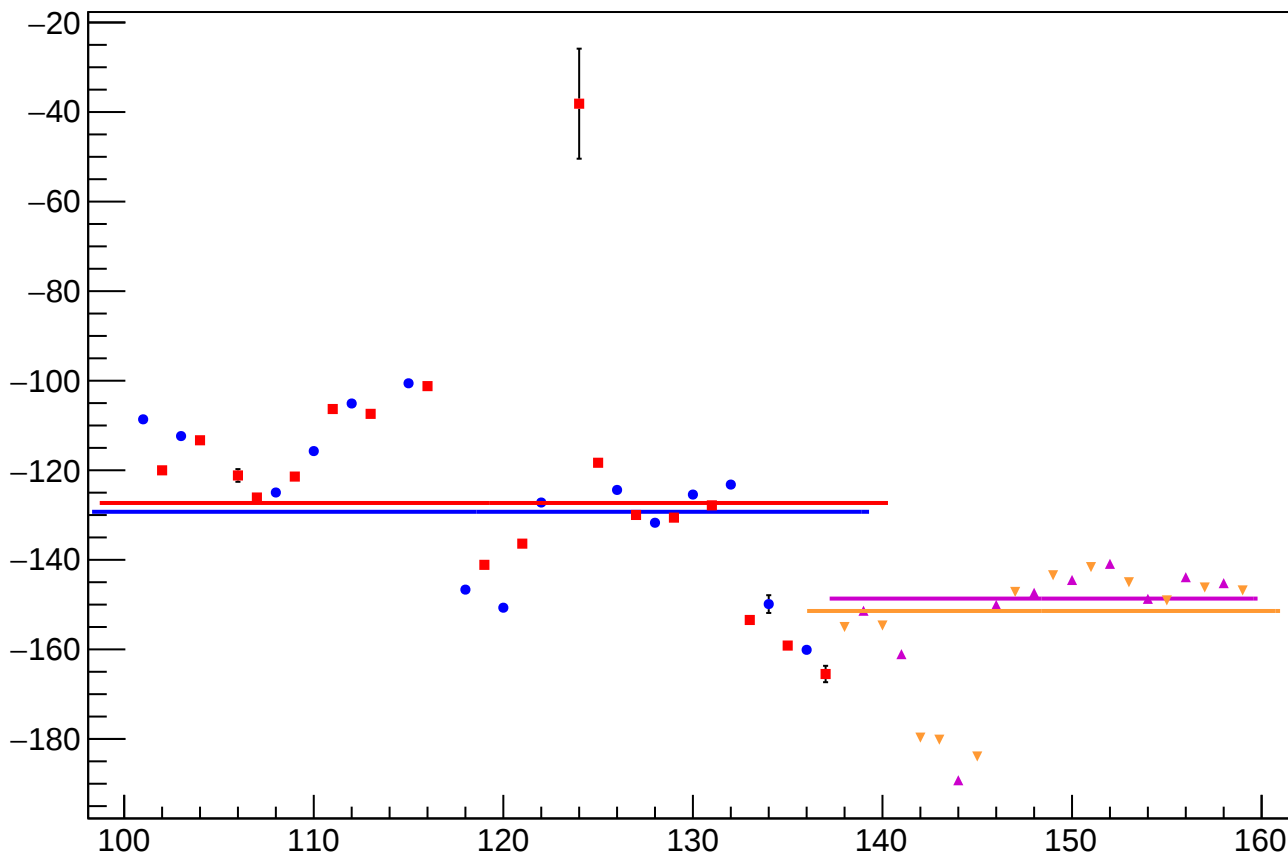
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 20.582+/-0.009 χ^2/NDF : 105931.3/24

Out: 20.002+/-0.009 χ^2/NDF : 95382.3/28

All: 20.320+/-0.006 χ^2/NDF : 203383.7/53

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -151.422 ± 0.073 χ^2/NDF : 25393.4/11

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -148.655 ± 0.065 χ^2/NDF : 20819.8/9

Left: -149.869 ± 0.049 χ^2/NDF : 47014.0/21

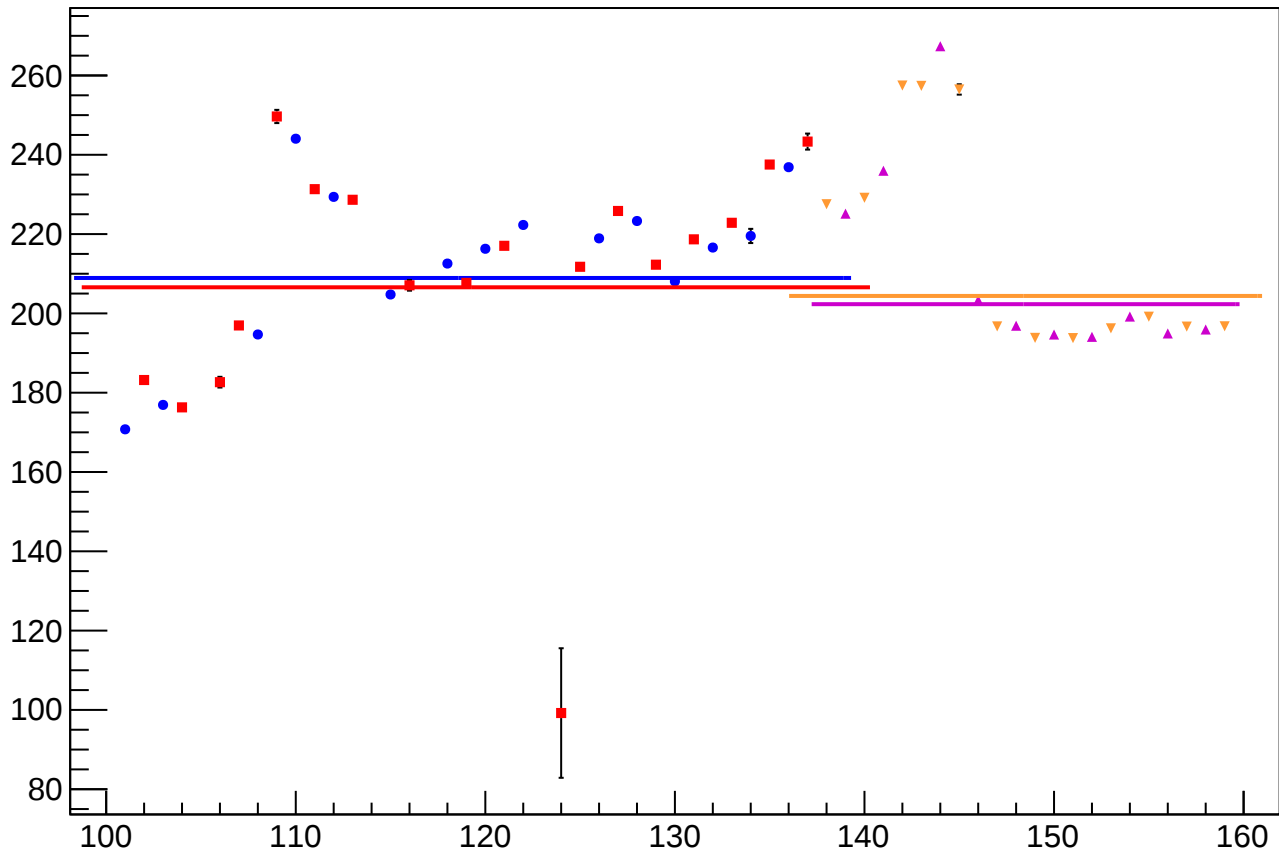
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.825 ± 0.052 χ^2/NDF : 87509.3/24

Out: -141.049 ± 0.055 χ^2/NDF : 101623.5/29

All: -141.460 ± 0.038 χ^2/NDF : 189237.1/54

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 204.401 $\pm$ 0.060 χ^2 /NDF: 99152.0/11

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 202.324 $\pm$ 0.056 χ^2 /NDF: 74378.8/9

Left: 203.295 $\pm$ 0.041 χ^2 /NDF: 174169.5/21

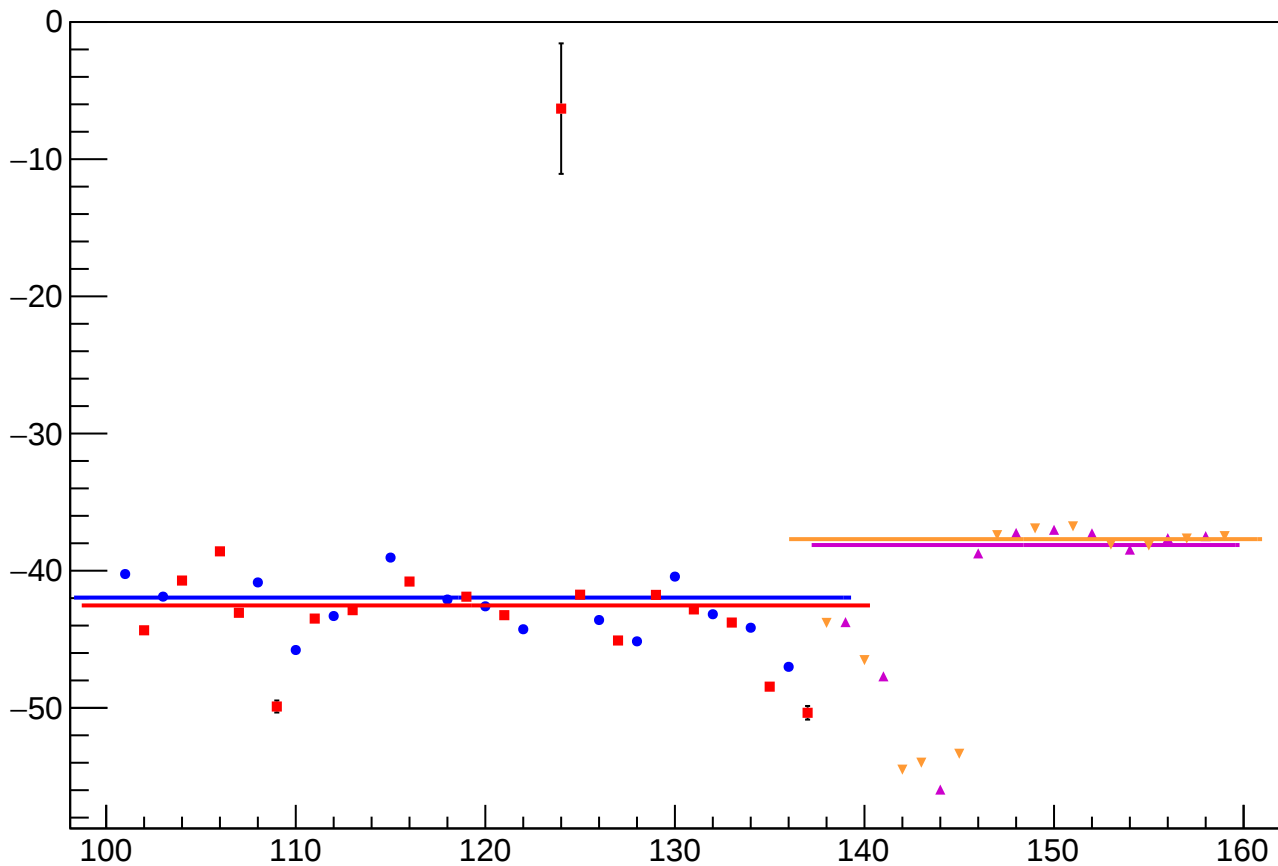
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 204.203 $\pm$ 0.048 χ^2 /NDF: 122993.3/24

Out: 205.147 $\pm$ 0.049 χ^2 /NDF: 147814.3/29

All: 204.664 $\pm$ 0.034 χ^2 /NDF: 271000.0/54

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.698 $\pm$ 0.005 χ^2 /NDF: 214731.8/11

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -38.128 $\pm$ 0.006 χ^2 /NDF: 128817.2/9

Left: -37.892 $\pm$ 0.004 χ^2 /NDF: 346671.9/21

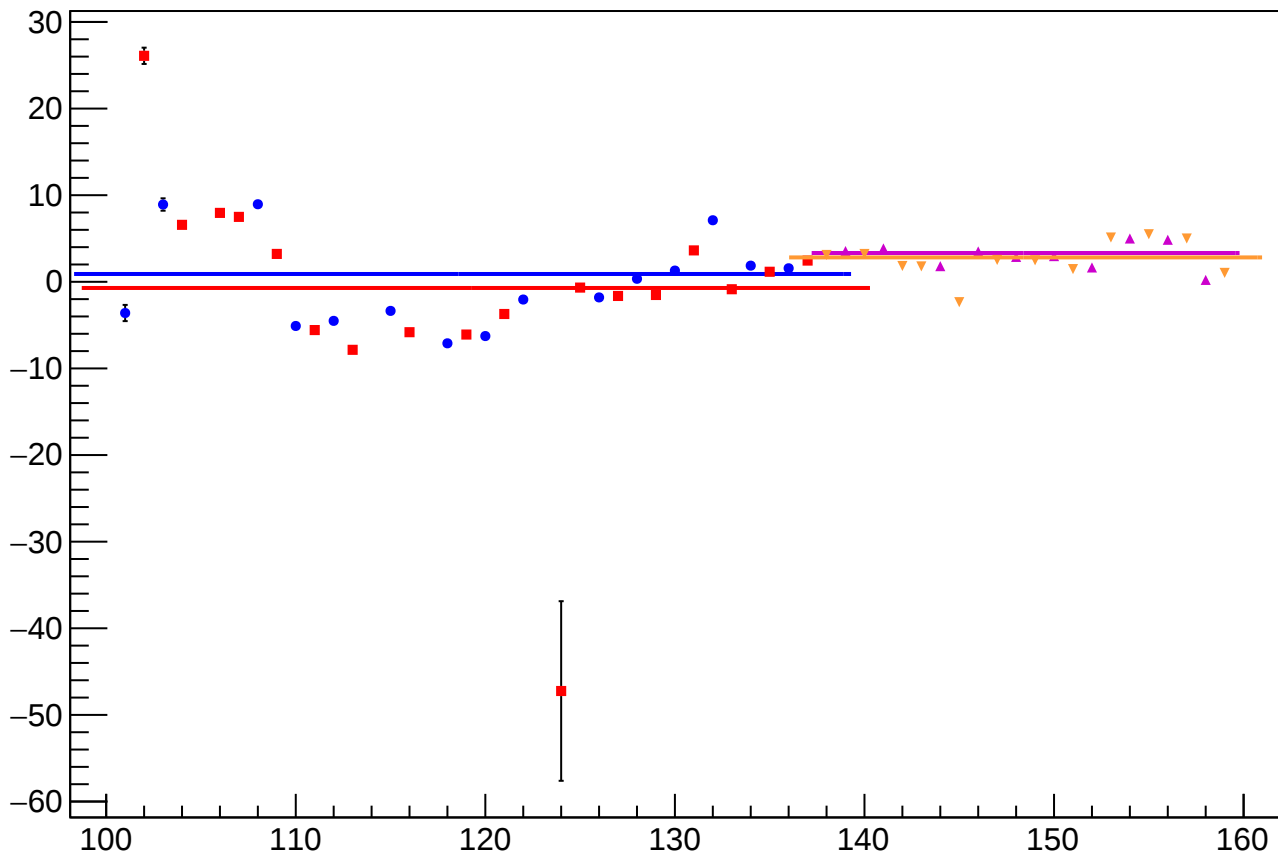
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.577 $\pm$ 0.005 χ^2 /NDF: 206252.4/24

Out: -37.983 $\pm$ 0.005 χ^2 /NDF: 272411.7/29

All: -38.261 $\pm$ 0.004 χ^2 /NDF: 485246.2/54

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 2.816 $\pm$ 0.009 χ^2 /NDF:35451.6/11

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.327 $\pm$ 0.009 χ^2 /NDF:30940.2/9

Left: 3.076 $\pm$ 0.007 χ^2 /NDF: 67898.5/21

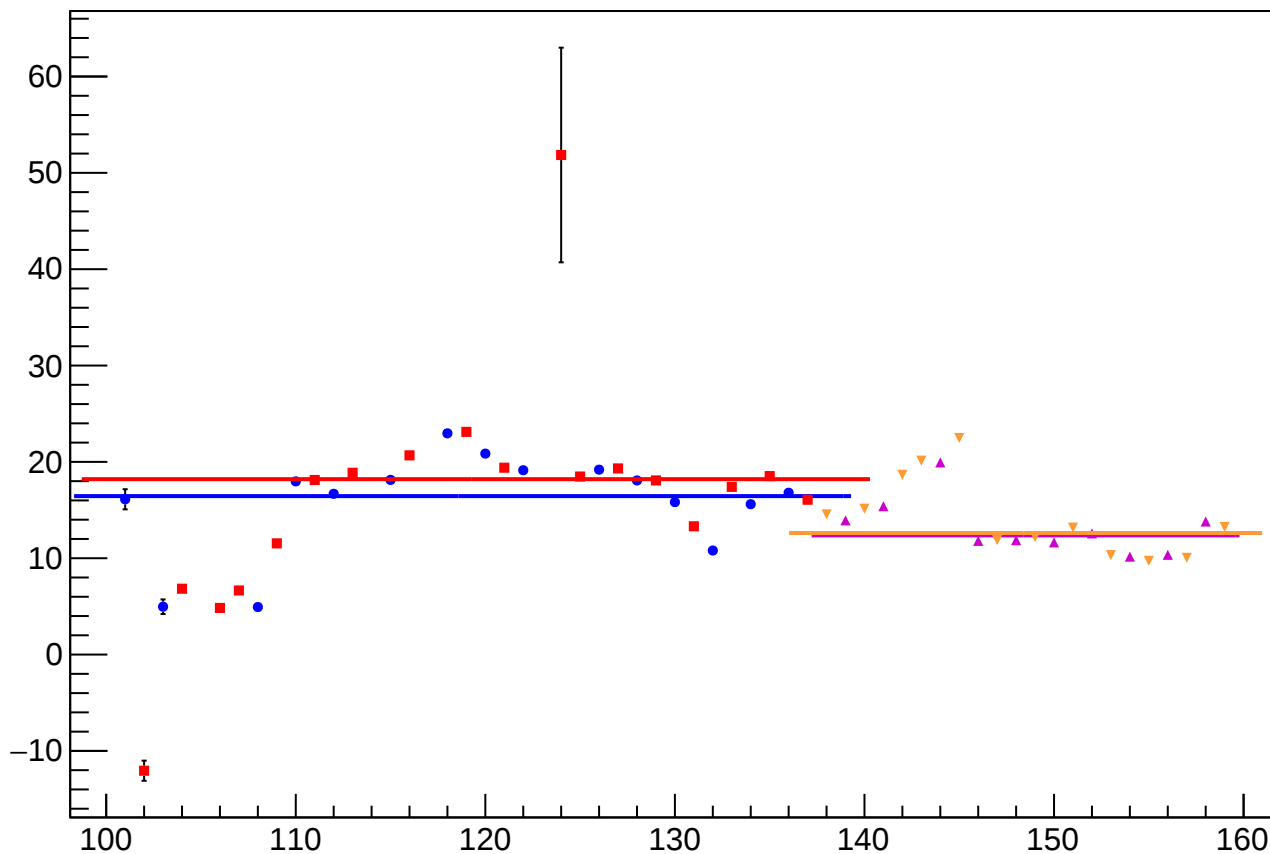
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 2.904 $\pm$ 0.008 χ^2 /NDF:64147.7/24

Out: 2.359 $\pm$ 0.009 χ^2 /NDF:84514.2/29

All: 2.643 $\pm$ 0.006 χ^2 /NDF: 150685.0/54

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 12.619 ± 0.011 $\chi^2/\text{NDF}: 57954.8/11$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 12.366 ± 0.011 $\chi^2/\text{NDF}: 24636.5/9$

Left: 12.497 ± 0.008 $\chi^2/\text{NDF}: 82850.7/21$

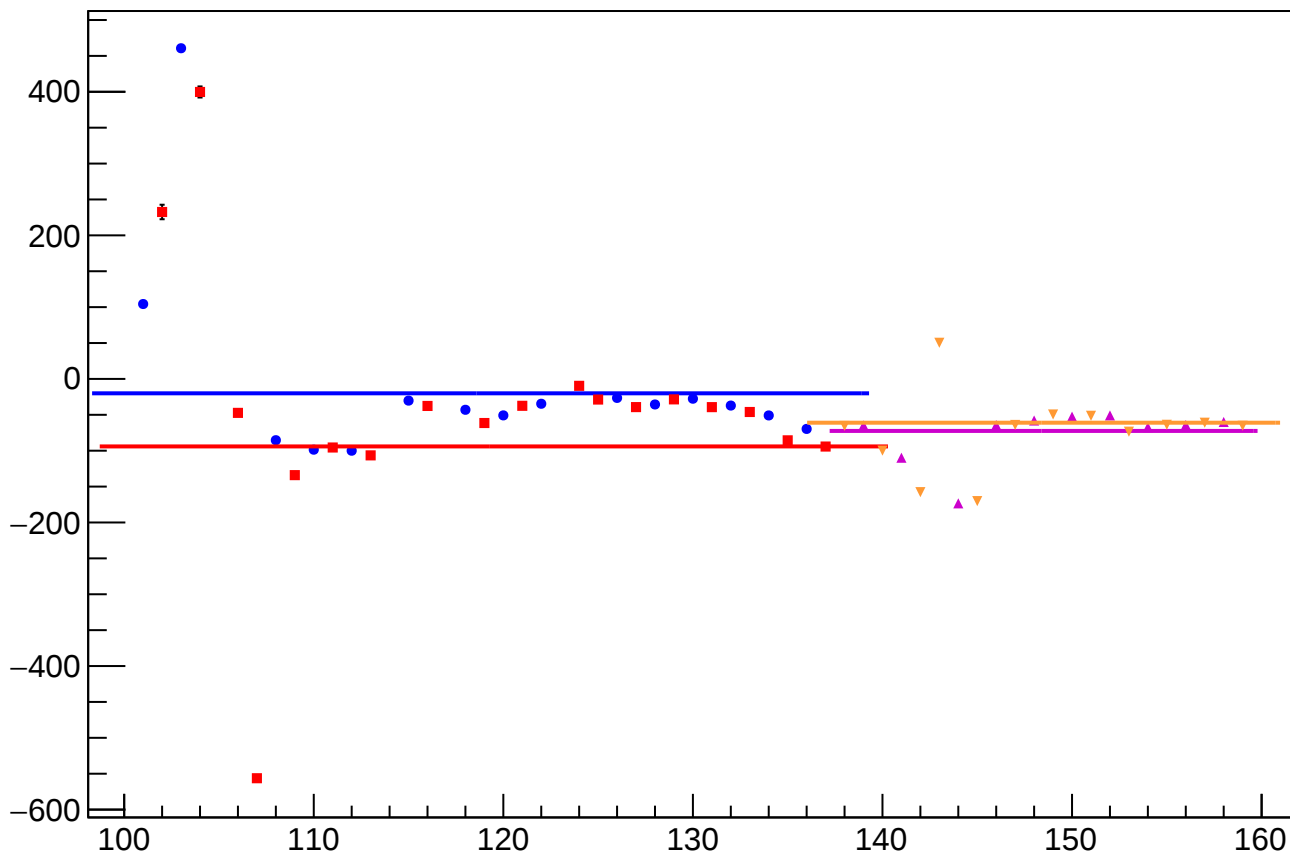
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 13.090 ± 0.010 $\chi^2/\text{NDF}: 61824.7/24$

Out: 13.853 ± 0.010 $\chi^2/\text{NDF}: 143731.3/29$

All: 13.497 ± 0.007 $\chi^2/\text{NDF}: 208501.4/54$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.996+/-0.133 χ^2/NDF : 45117.9/11

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -72.463+/-0.163 χ^2/NDF : 34958.9/9

Left: -65.560+/-0.103 χ^2/NDF : 83038.6/21

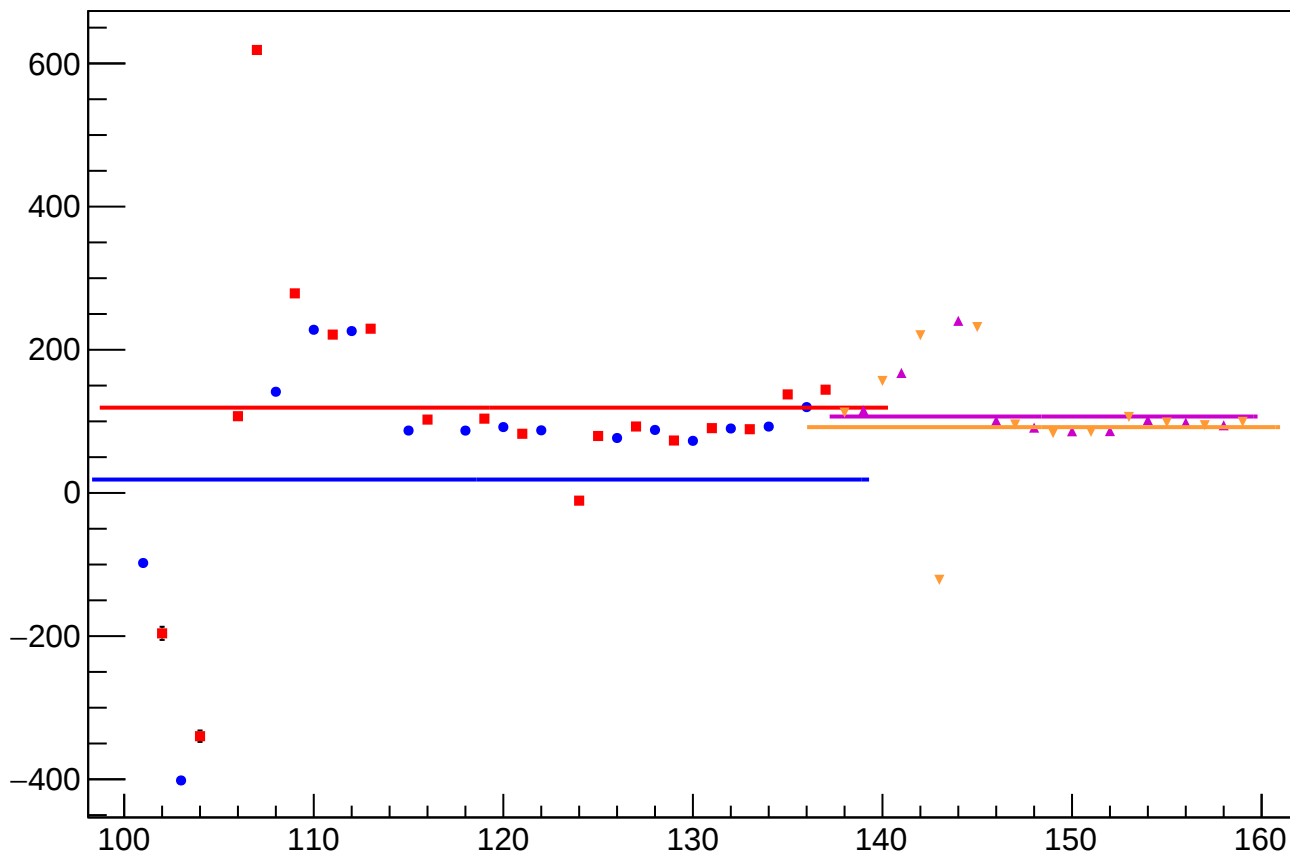
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -44.551+/-0.112 χ^2/NDF : 531144.9/24

Out: -93.764+/-0.012 χ^2/NDF : 193892.5/29

All: -93.167+/-0.012 χ^2/NDF : 916555.7/54

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.934 $\pm$ 0.112 χ^2/NDF : 167295.6/11

Right Out: 119.167 $\pm$ 0.199 χ^2/NDF : 87450.0/17

Left In: 106.768 $\pm$ 0.141 χ^2/NDF : 55776.0/9

Left: 97.681 $\pm$ 0.088 χ^2/NDF : 229817.8/21

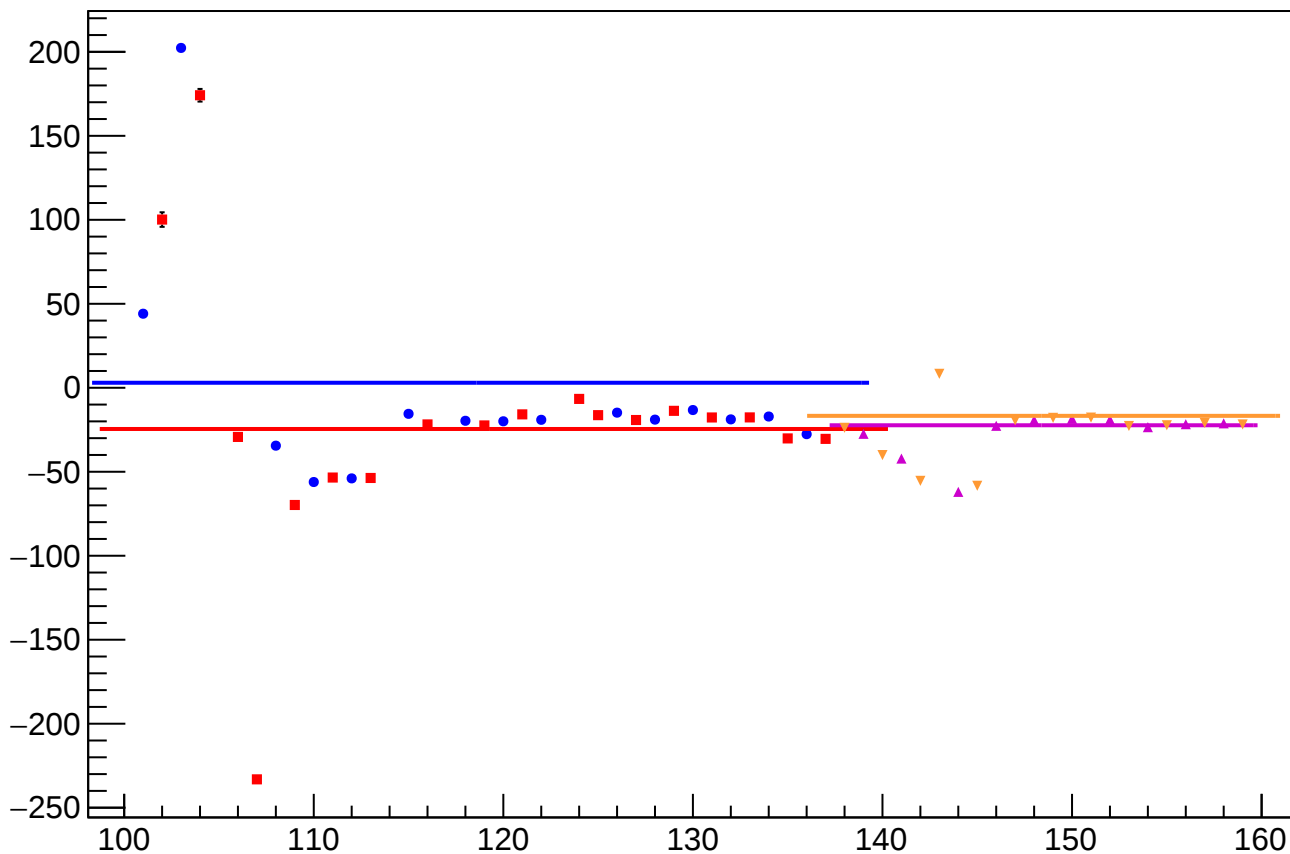
Right: 55.701 $\pm$ 0.121 χ^2/NDF : 1349806.5/32

In: 65.959 $\pm$ 0.104 χ^2/NDF : 1337361.2/24

Out: 98.509 $\pm$ 0.098 χ^2/NDF : 268916.1/29

All: 83.144 $\pm$ 0.071 χ^2/NDF : 1658453.2/54

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.709 ± 0.016 χ^2/NDF : 568132.5/11

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -22.317 ± 0.020 χ^2/NDF : 117326.9/9

Left: -18.816 ± 0.012 χ^2/NDF : 734562.5/21

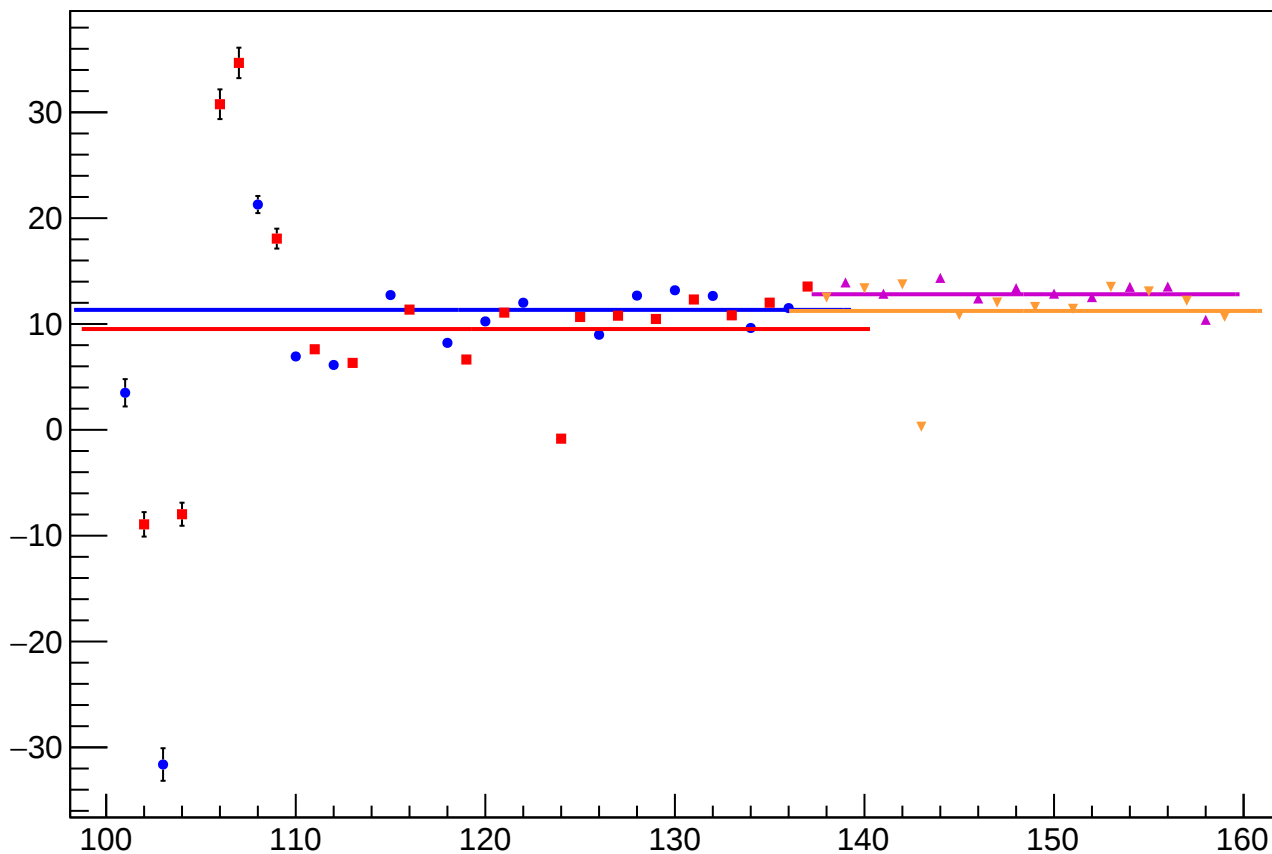
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -13.303 ± 0.016 χ^2/NDF : 4184532.3/24

Out: -17.587 ± 0.015 χ^2/NDF : 773173.6/29

All: -15.644 ± 0.011 χ^2/NDF : 4996670.2/54

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 χ^2/NDF : 2406.0/14

Left Out: 11.234 ± 0.021 χ^2/NDF : 27906.7/11

Right Out: 9.524 ± 0.048 χ^2/NDF : 4066.9/17

Left In: 12.809 ± 0.018 χ^2/NDF : 3091.7/9

Left: 12.116 ± 0.014 χ^2/NDF : 34201.5/21

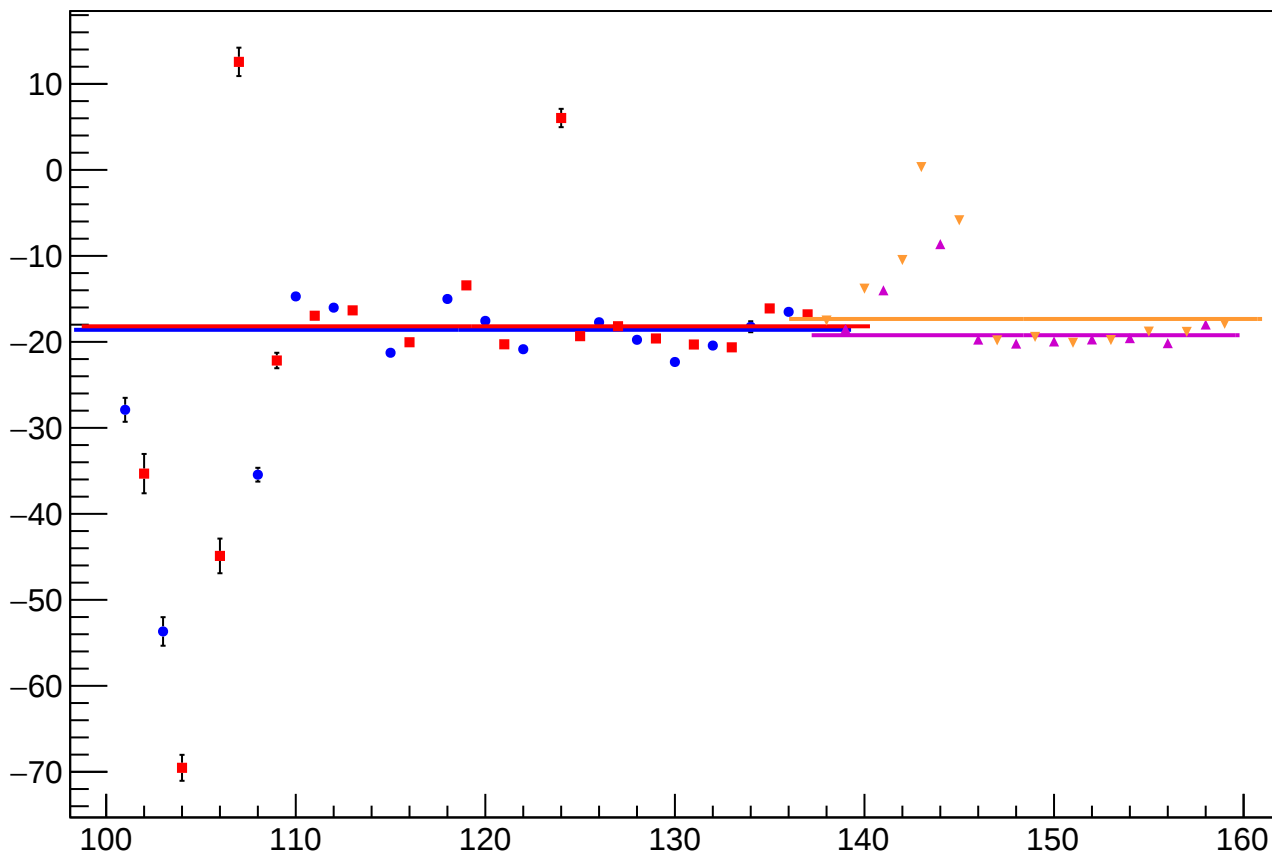
Right: 10.651 ± 0.029 χ^2/NDF : 7358.3/32

In: 12.520 ± 0.017 χ^2/NDF : 6750.1/24

Out: 10.963 ± 0.019 χ^2/NDF : 33040.9/29

All: 11.853 ± 0.013 χ^2/NDF : 43583.5/54

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -17.335 ± 0.023 χ^2/NDF : 43953.7/11

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.225 ± 0.021 χ^2/NDF : 6760.0/9

Left: -18.349 ± 0.015 χ^2/NDF : 54456.0/21

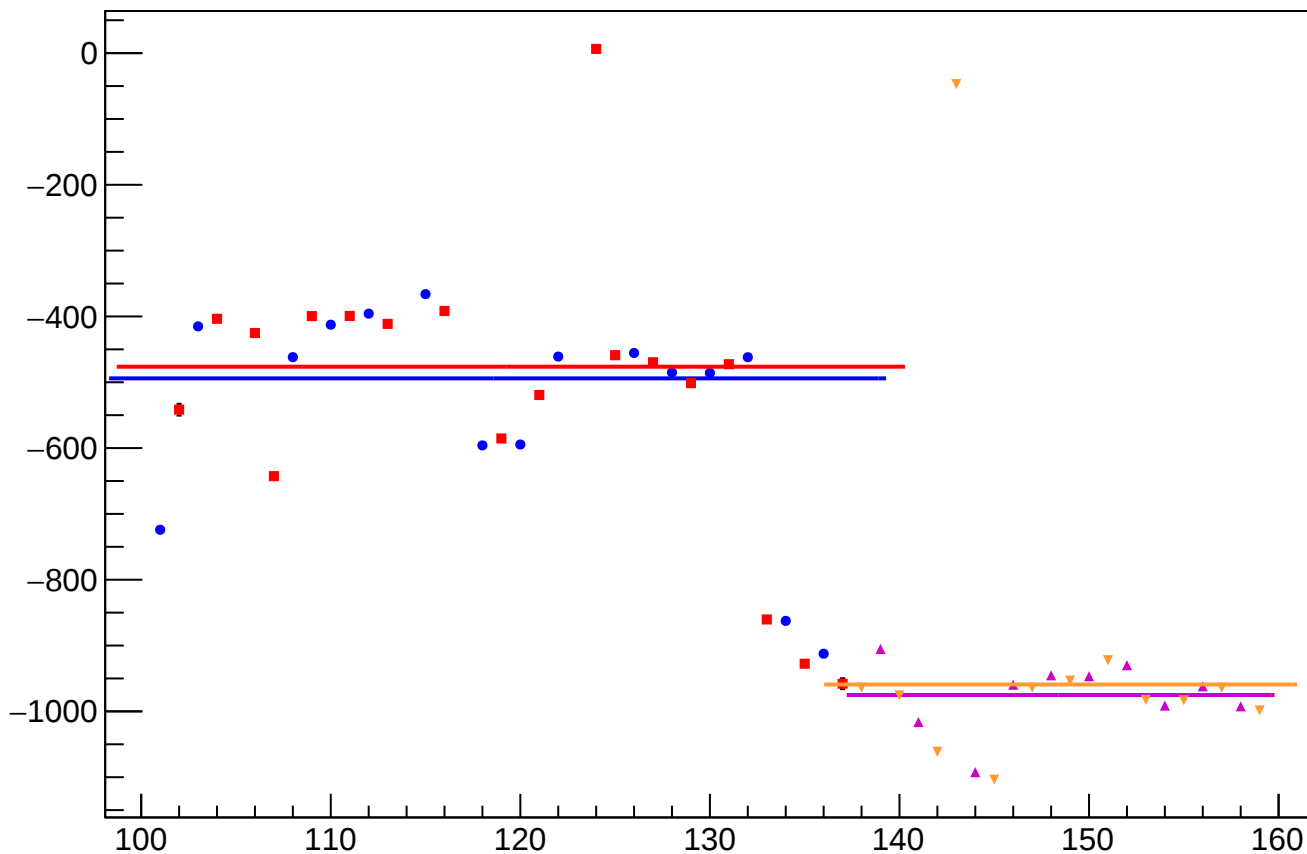
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.073 ± 0.018 χ^2/NDF : 13165.7/24

Out: -17.483 ± 0.021 χ^2/NDF : 49081.7/29

All: -18.371 ± 0.014 χ^2/NDF : 65578.5/54

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -959.180 ± 0.228 χ^2/NDF : 312167.8/11

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

Left In: -975.171 ± 0.221 χ^2/NDF : 22164.6/9

Left: -967.435 ± 0.159 χ^2/NDF : 336866.7/21

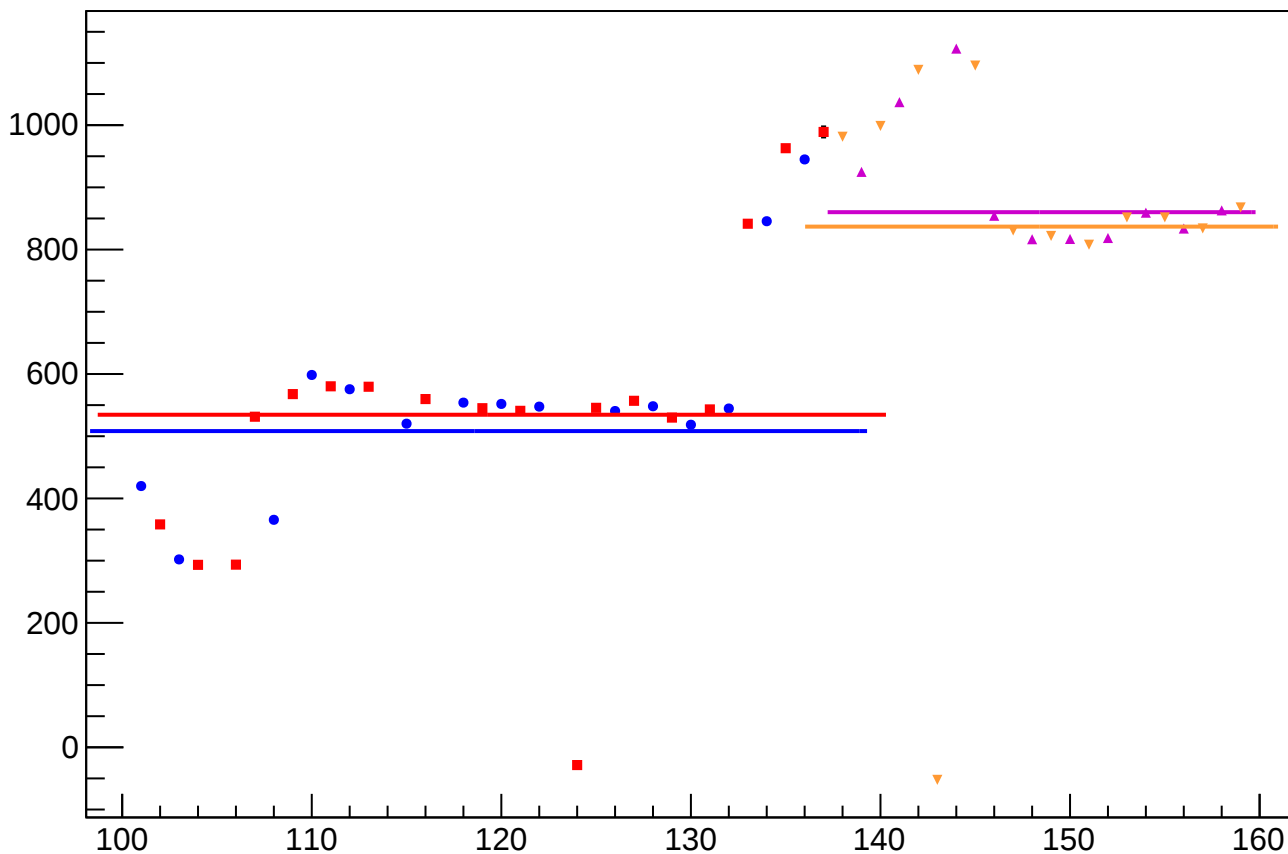
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

In: -746.480 ± 0.160 χ^2/NDF : 2602247.7/24

Out: -667.964 ± 0.144 χ^2/NDF : 3605779.8/29

All: -703.034 ± 0.107 χ^2/NDF : 6341238.2/54

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 836.915 $\pm$ 0.185 χ^2 /NDF:413344.2/11

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 860.116 $\pm$ 0.191 χ^2 /NDF:86256.7/9

Left: 848.103 $\pm$ 0.133 χ^2 /NDF: 507220.7/21

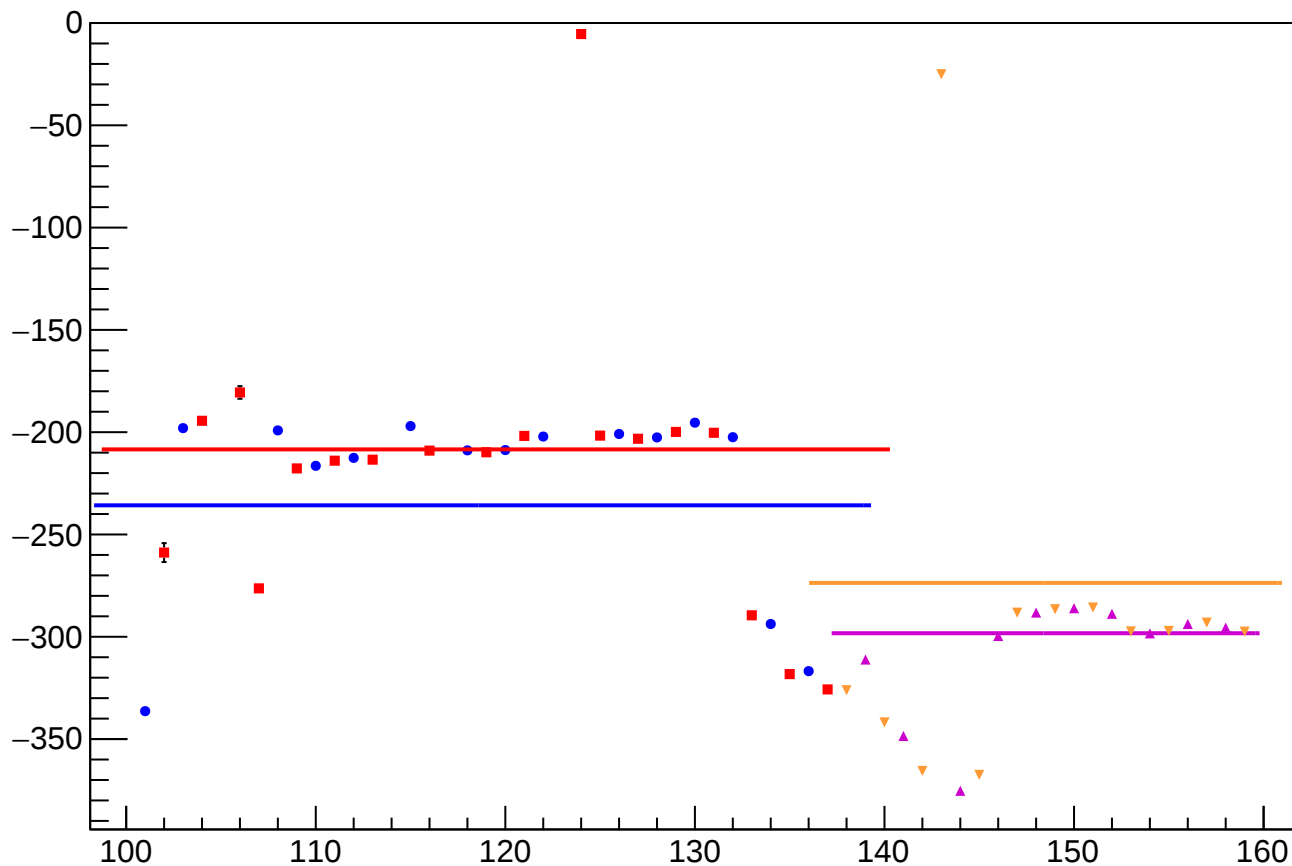
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 709.970 $\pm$ 0.145 χ^2 /NDF:1970042.3/24

Out: 710.100 $\pm$ 0.141 χ^2 /NDF:1907174.0/29

All: 710.037 $\pm$ 0.101 χ^2 /NDF: 3877216.6/54

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -273.665 ± 0.029 $\chi^2/\text{NDF}: 6307524.3/11$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -298.265 ± 0.031 $\chi^2/\text{NDF}: 226971.3/9$

Left: -284.936 ± 0.021 $\chi^2/\text{NDF}: 6870118.1/21$

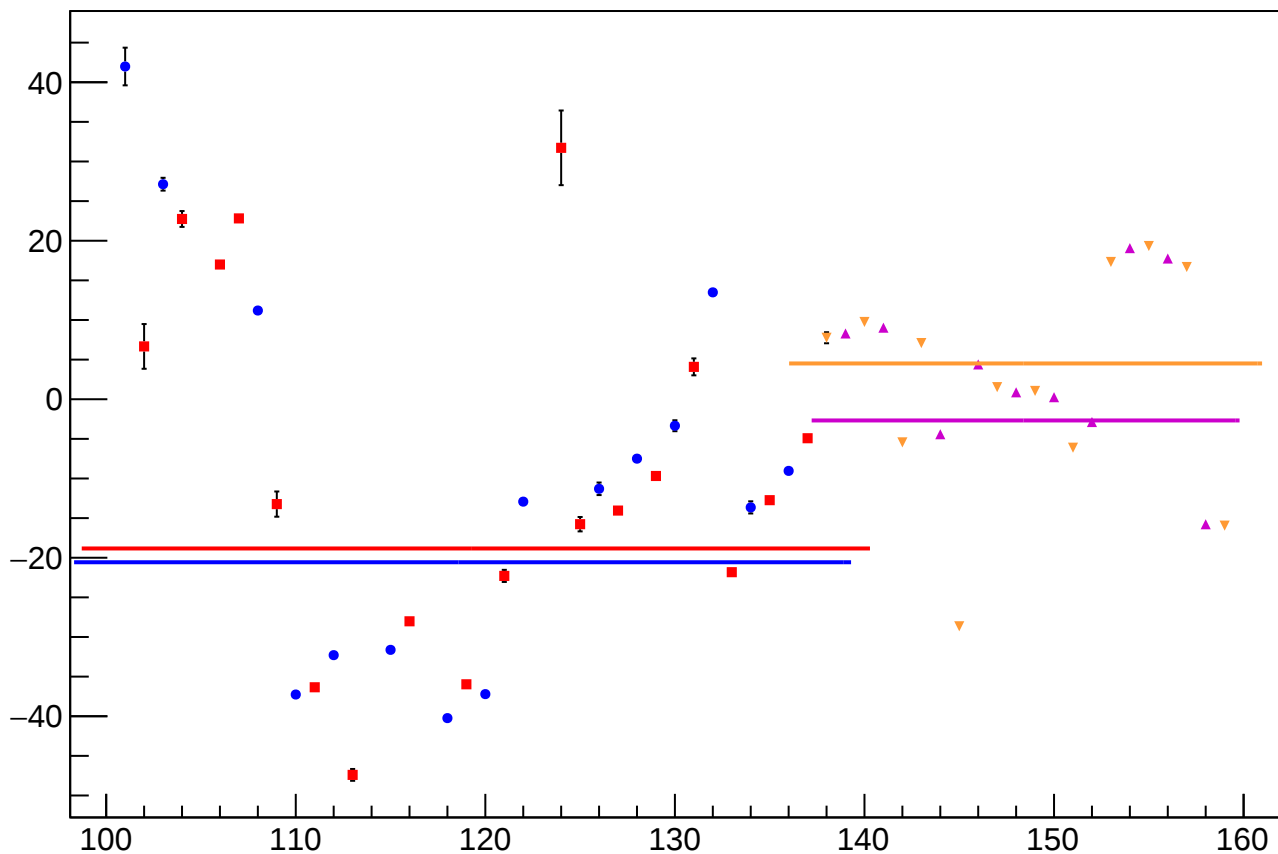
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -283.096 ± 0.027 $\chi^2/\text{NDF}: 2073811.8/24$

Out: -255.762 ± 0.024 $\chi^2/\text{NDF}: 8096492.8/29$

All: -267.996 ± 0.018 $\chi^2/\text{NDF}: 10728103.6/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.515 ± 0.032 χ^2/NDF : 155751.7/11

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: -2.677 ± 0.025 χ^2/NDF : 241688.4/9

Left: 0.110 ± 0.020 χ^2/NDF : 428301.2/21

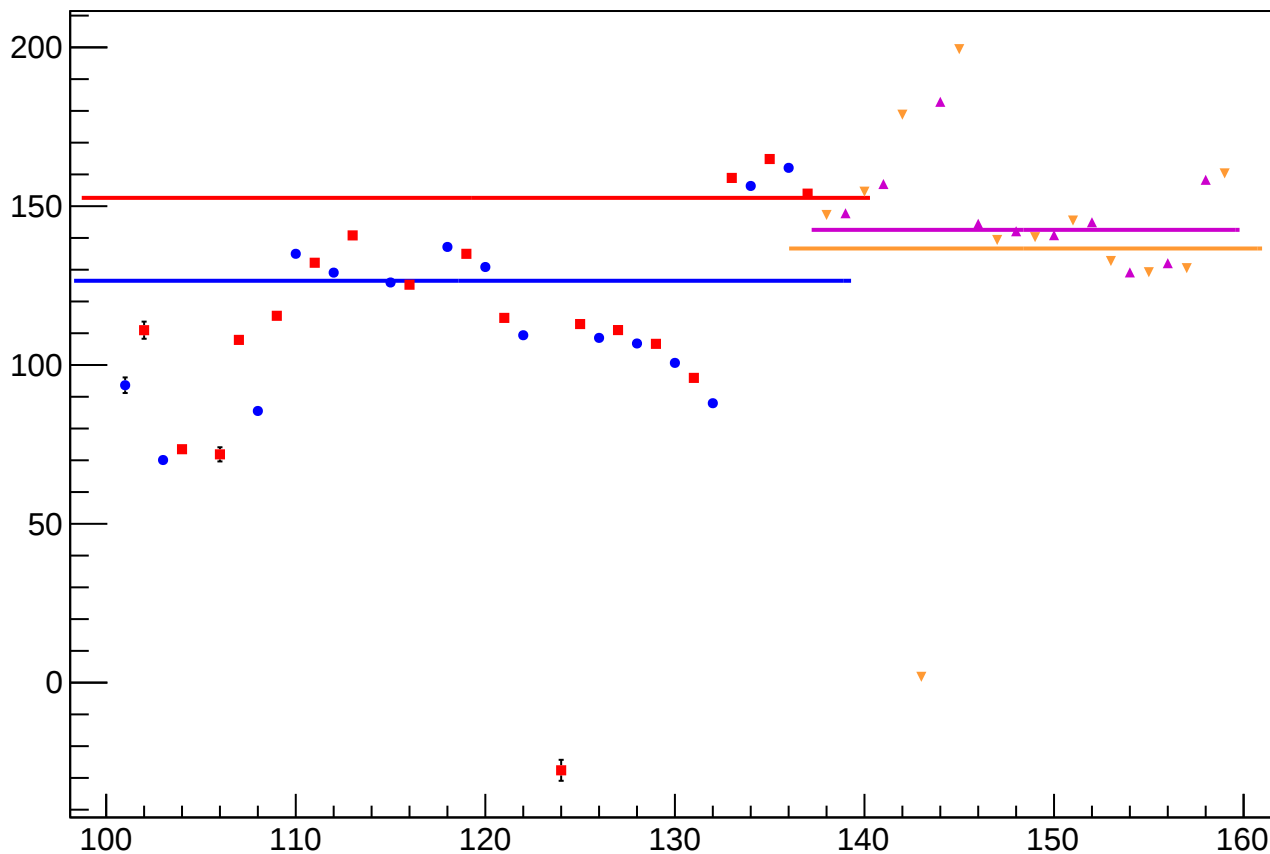
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -4.702 ± 0.024 χ^2/NDF : 360881.2/24

Out: 2.627 ± 0.031 χ^2/NDF : 219550.2/29

All: -1.924 ± 0.019 χ^2/NDF : 615779.0/54

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 136.678 $\pm$ 0.042 χ^2 /NDF:440229.7/11

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 142.549 $\pm$ 0.035 χ^2 /NDF:96357.9/9

Left: 140.110 $\pm$ 0.027 χ^2 /NDF: 548173.5/21

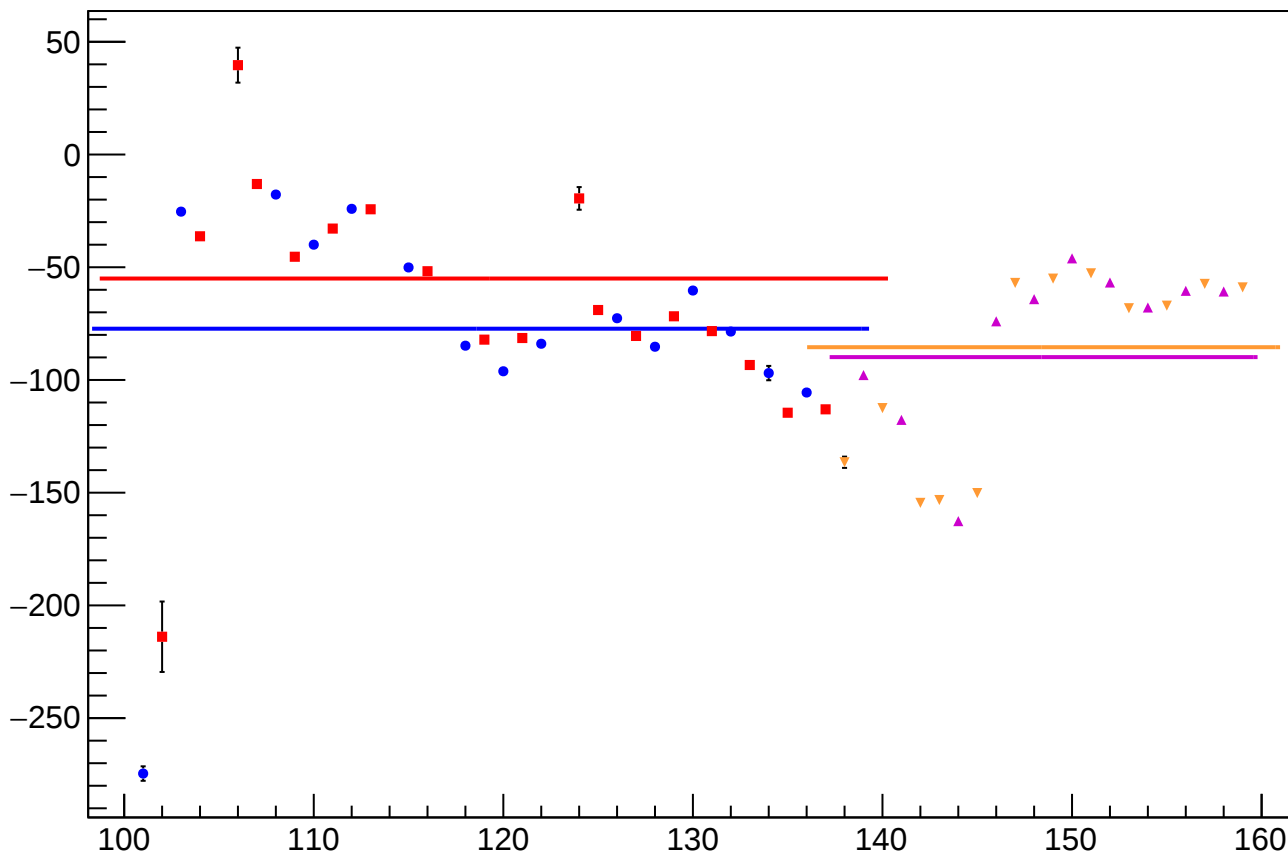
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 140.159 $\pm$ 0.032 χ^2 /NDF:242321.7/24

Out: 147.099 $\pm$ 0.025 χ^2 /NDF:609788.4/29

All: 144.573 $\pm$ 0.020 χ^2 /NDF: 881229.6/54

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -85.467 ± 0.165 χ^2/NDF : 53319.9/11

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -89.863 ± 0.168 χ^2/NDF : 49403.0/9

Left: -87.623 ± 0.118 χ^2/NDF : 103071.7/21

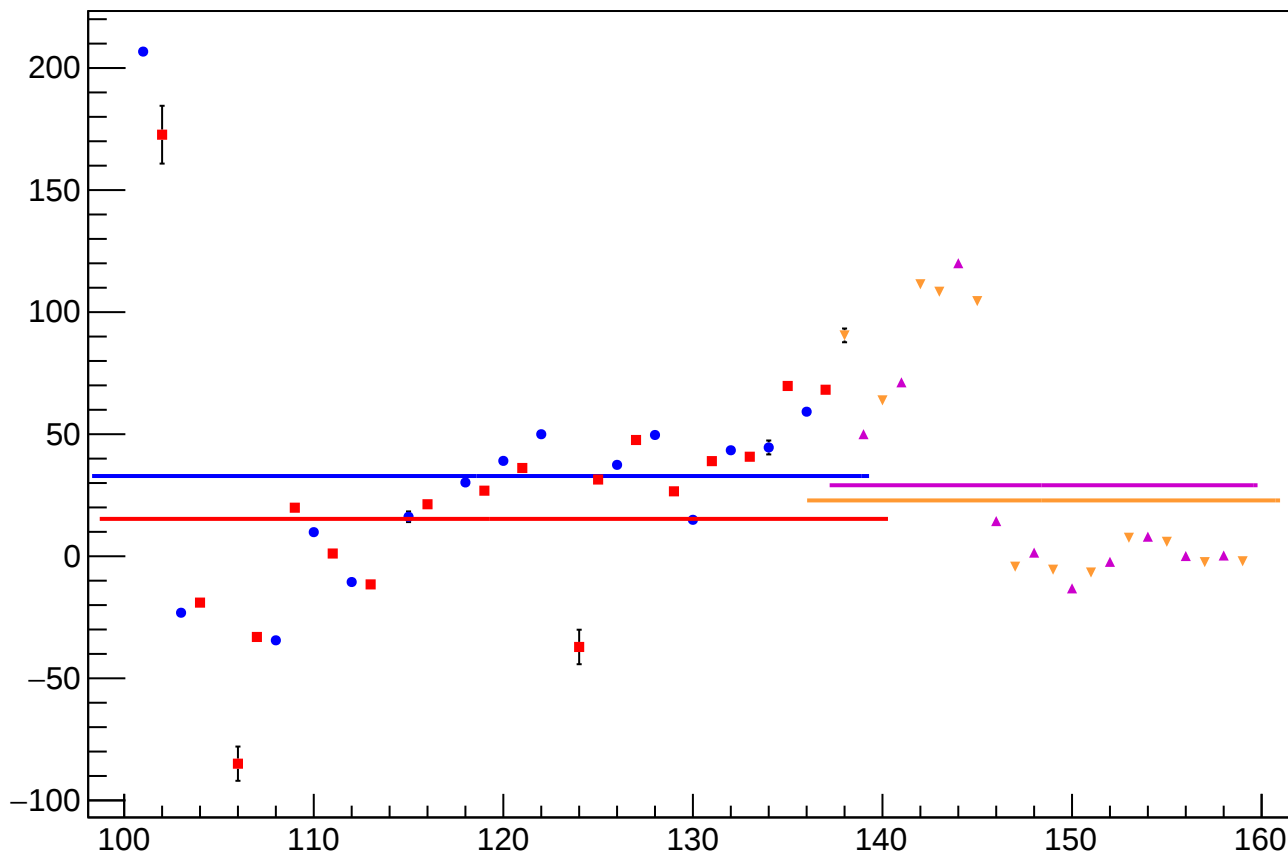
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -82.702 ± 0.110 χ^2/NDF : 82956.3/24

Out: -72.403 ± 0.125 χ^2/NDF : 91589.3/29

All: -78.173 ± 0.083 χ^2/NDF : 178372.9/54

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 22.872 $\pm$ 0.143 χ^2 /NDF: 85169.5/11

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 29.089 $\pm$ 0.149 χ^2 /NDF: 76914.9/9

Left: 25.864 $\pm$ 0.103 χ^2 /NDF: 162992.1/21

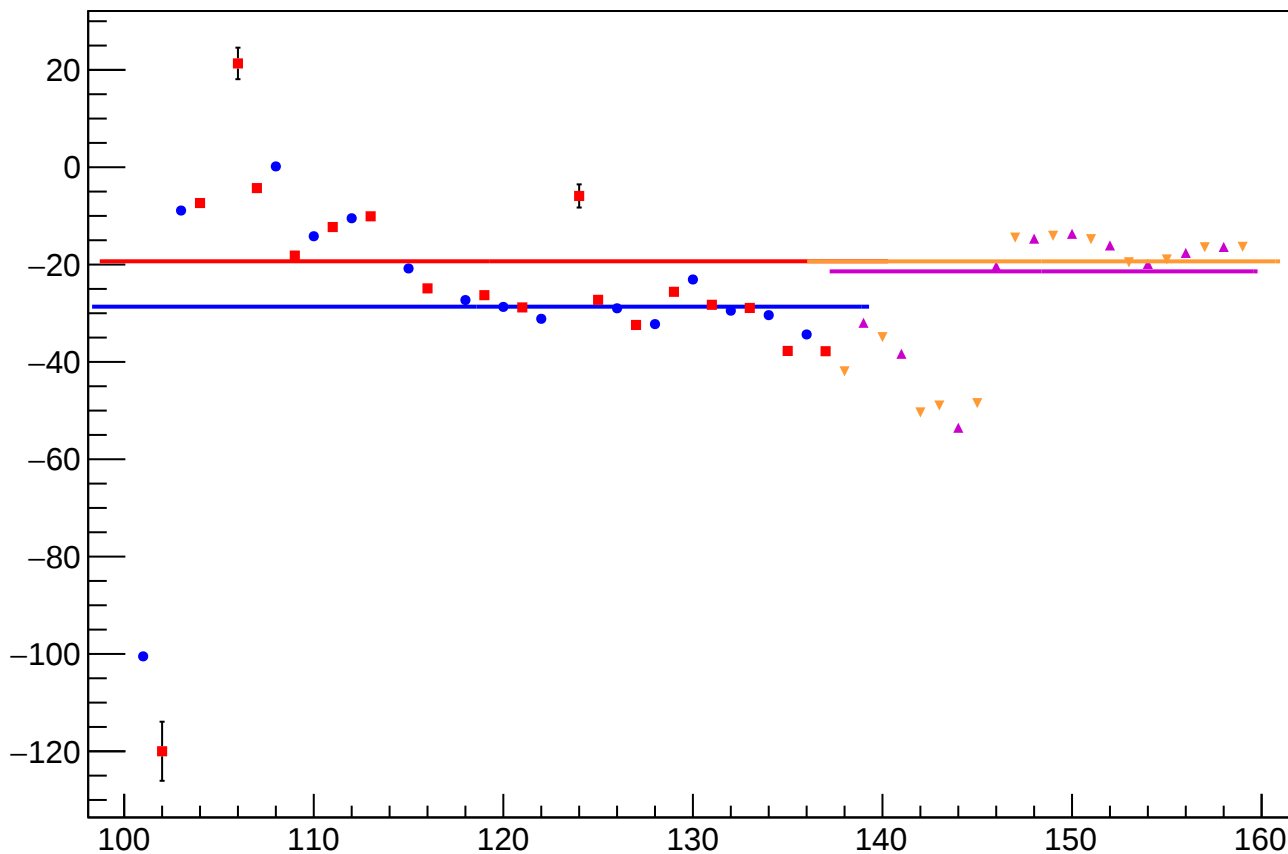
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 31.012 $\pm$ 0.104 χ^2 /NDF: 108637.7/24

Out: 20.467 $\pm$ 0.118 χ^2 /NDF: 102802.9/29

All: 26.404 $\pm$ 0.078 χ^2 /NDF: 215919.5/54

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -19.339 ± 0.019 $\chi^2/\text{NDF}: 214041.3/11$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -21.397 ± 0.022 $\chi^2/\text{NDF}: 172615.8/9$

Left: -20.225 ± 0.014 $\chi^2/\text{NDF}: 391848.0/21$

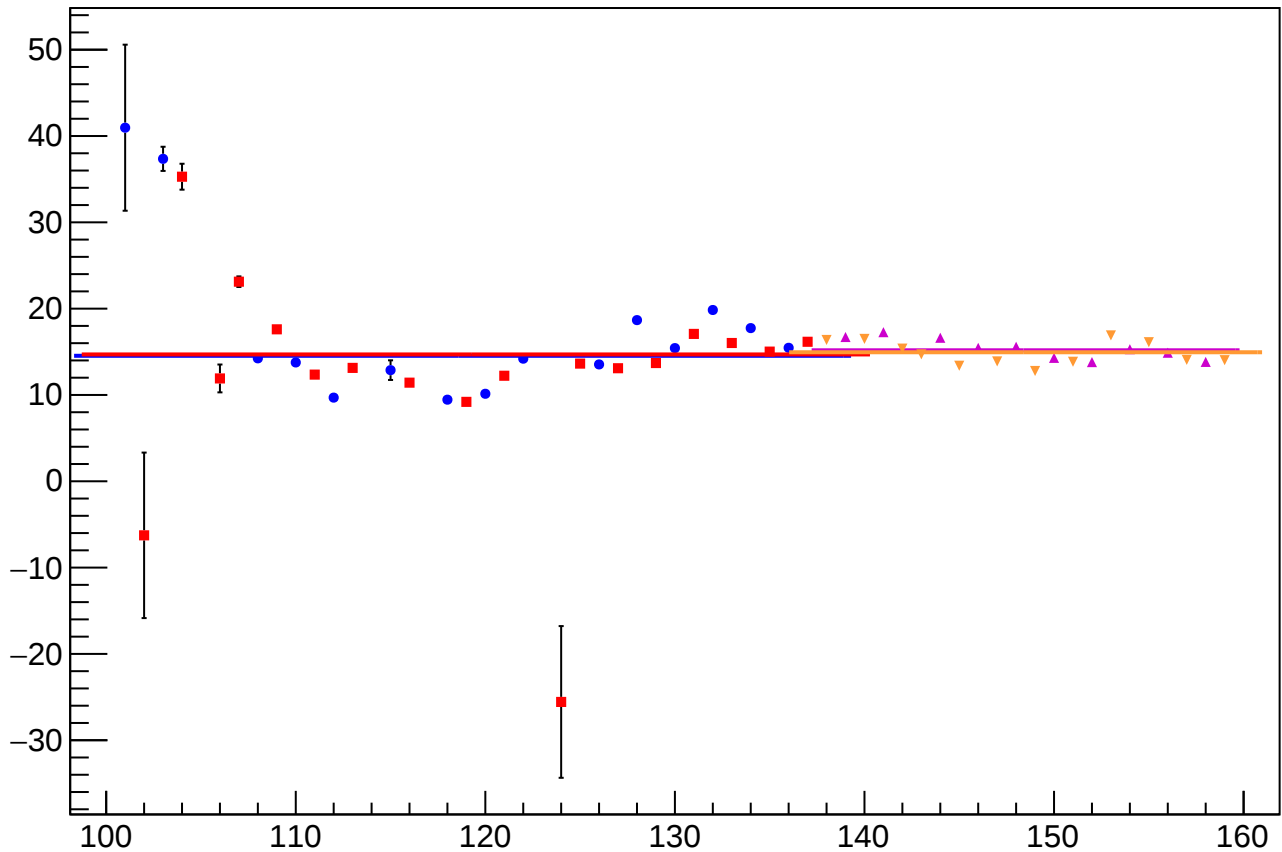
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -23.454 ± 0.018 $\chi^2/\text{NDF}: 318131.1/24$

Out: -19.337 ± 0.017 $\chi^2/\text{NDF}: 270620.5/29$

All: -21.240 ± 0.012 $\chi^2/\text{NDF}: 616121.1/54$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 14.947+/-0.020 χ^2/NDF : 4794.9/11

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.175+/-0.020 χ^2/NDF : 3360.2/9

Left: 15.059+/-0.014 χ^2/NDF : 8221.2/21

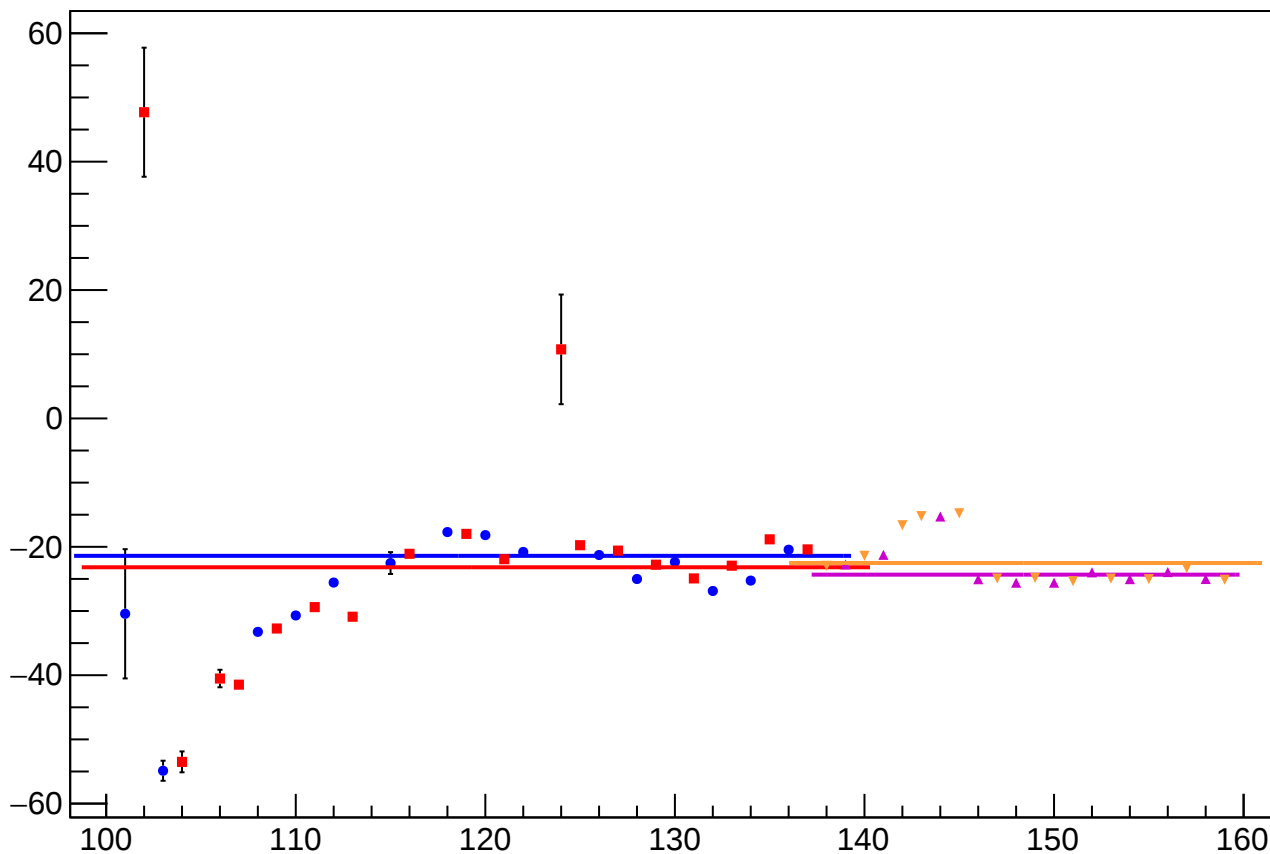
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 14.978+/-0.017 χ^2/NDF : 15746.4/24

Out: 14.905+/-0.018 χ^2/NDF : 6455.9/29

All: 14.944+/-0.012 χ^2/NDF : 22211.4/54

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.521 ± 0.023 $\chi^2/\text{NDF}: 26738.5/11$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.337 ± 0.021 $\chi^2/\text{NDF}: 7504.7/9$

Left: -23.507 ± 0.016 $\chi^2/\text{NDF}: 37504.1/21$

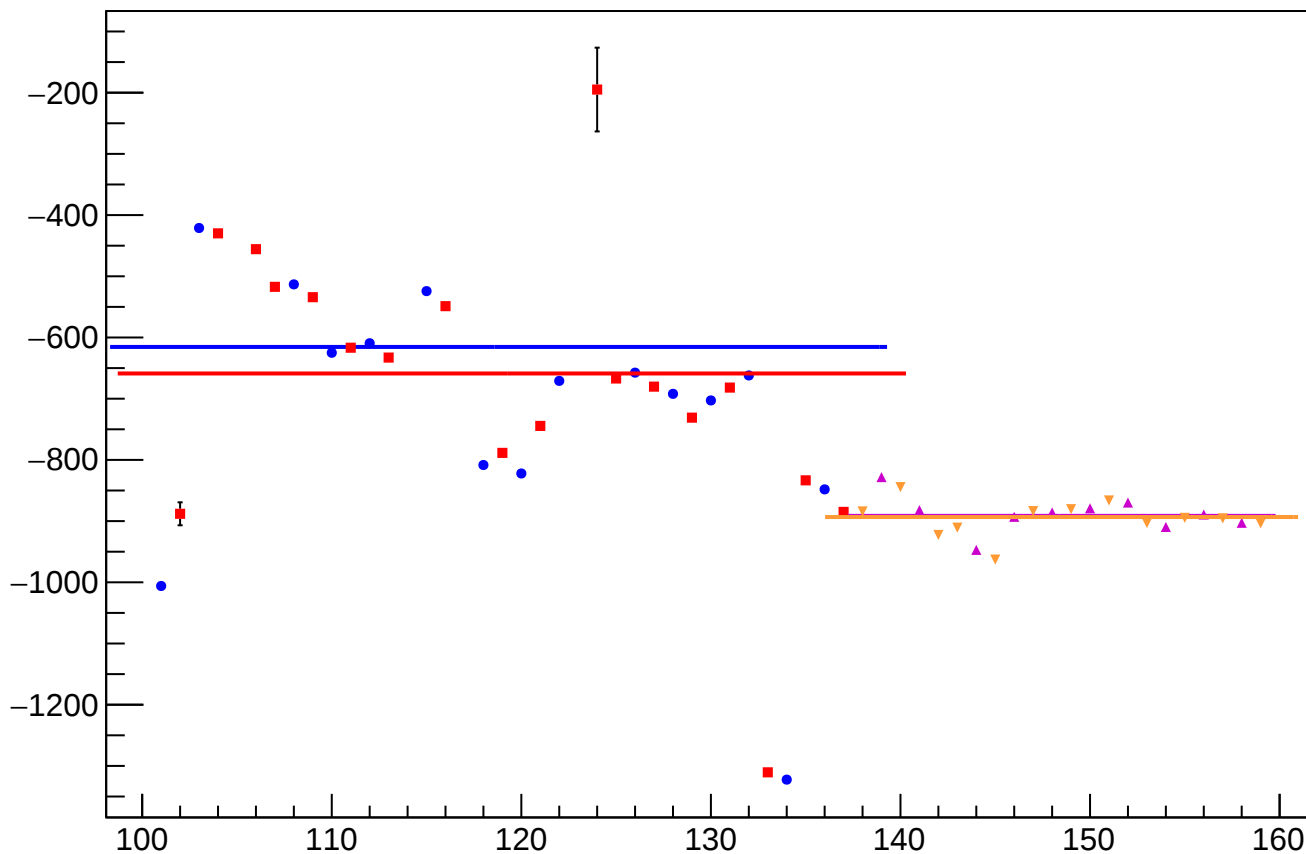
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.553 ± 0.018 $\chi^2/\text{NDF}: 22163.5/24$

Out: -22.637 ± 0.021 $\chi^2/\text{NDF}: 36005.1/29$

All: -23.161 ± 0.014 $\chi^2/\text{NDF}: 59228.4/54$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -893.347+/-0.183 χ^2/NDF : 11780.2/11

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -891.445+/-0.167 χ^2/NDF : 12987.1/9

Left: -892.311+/-0.123 χ^2/NDF : 24826.5/21

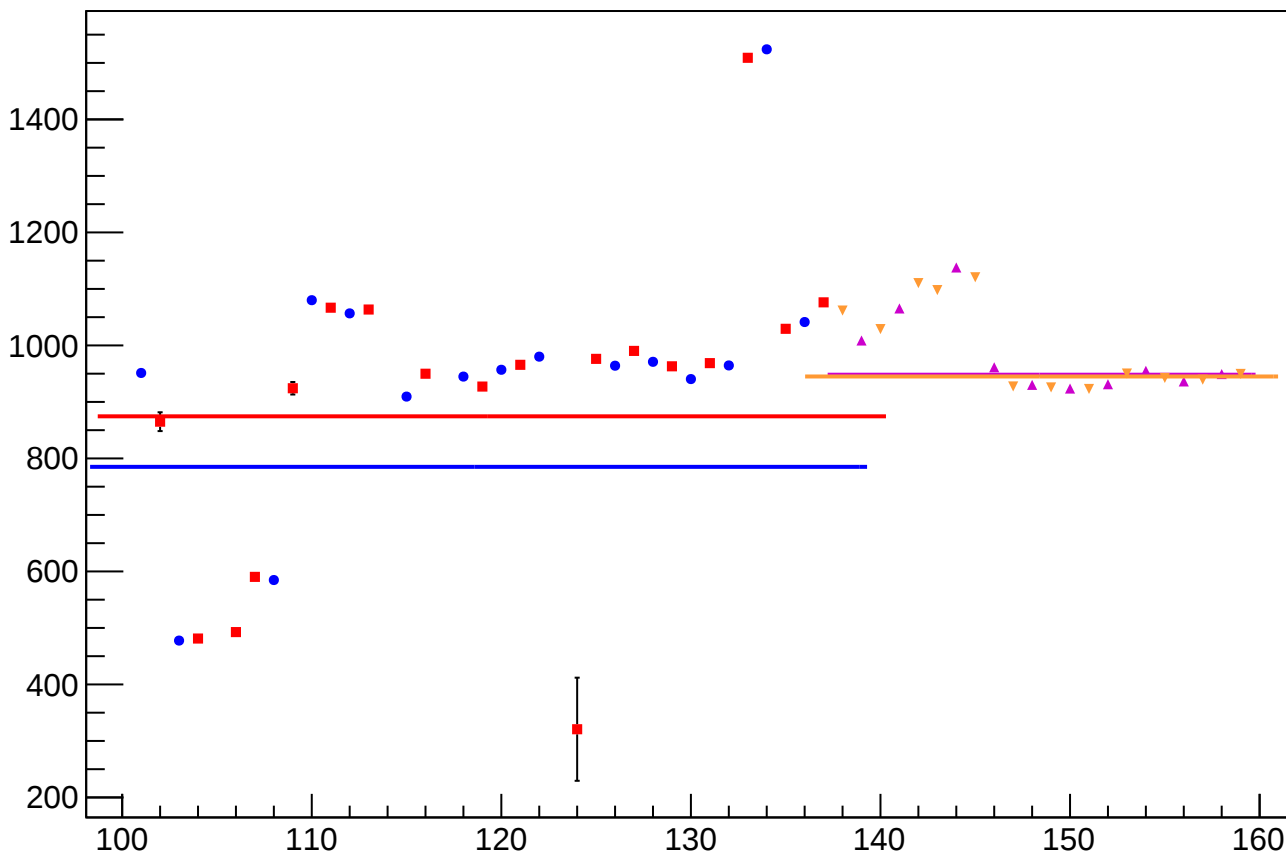
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -800.300+/-0.137 χ^2/NDF : 1299747.0/24

Out: -814.426+/-0.149 χ^2/NDF : 952802.0/29

All: -806.763+/-0.101 χ^2/NDF : 2257446.6/54

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 945.018+/-0.148 χ^2/NDF : 68151.7/11

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 948.165+/-0.138 χ^2/NDF : 73755.1/9

Left: 946.700+/-0.101 χ^2/NDF : 142148.1/21

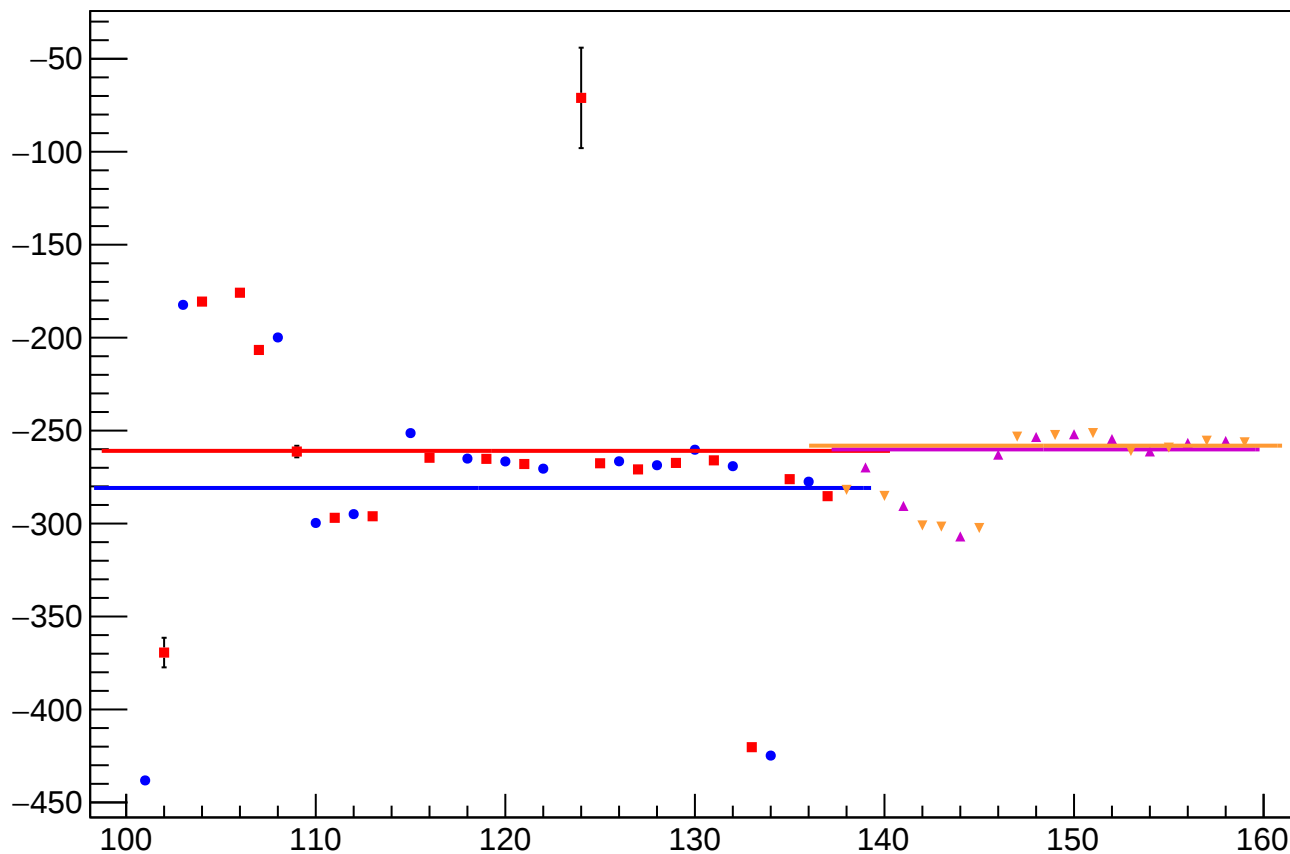
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 904.351+/-0.118 χ^2/NDF : 1333870.9/24

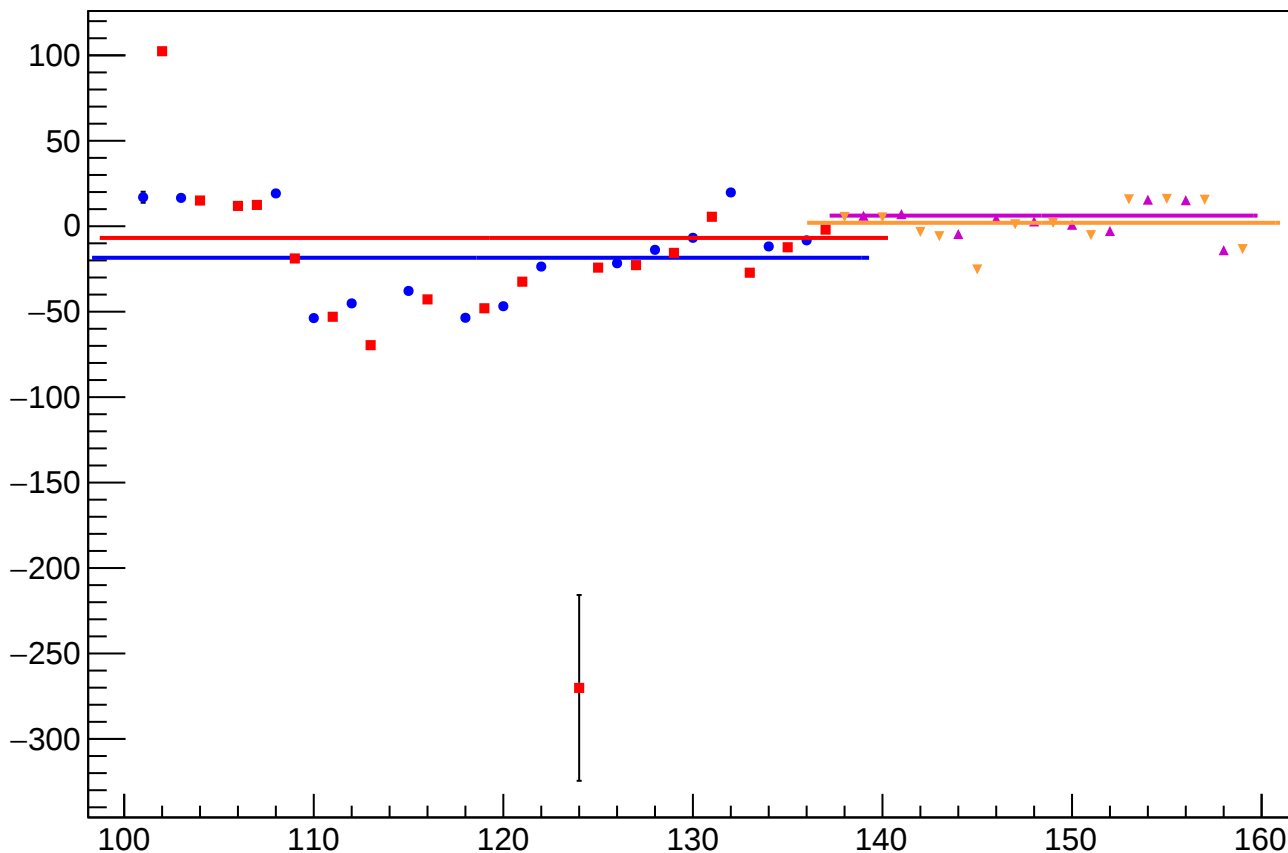
Out: 927.870+/-0.129 χ^2/NDF : 965826.6/29

All: 915.099+/-0.087 χ^2/NDF : 2317789.9/54

dit_atr2_11X12X_slope vs Slug, Sign Corrected



dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.003 ± 0.029 $\chi^2/\text{NDF}: 188560.3/11$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.213 ± 0.026 $\chi^2/\text{NDF}: 156818.3/9$

Left: 4.335 ± 0.019 $\chi^2/\text{NDF}: 357110.6/21$

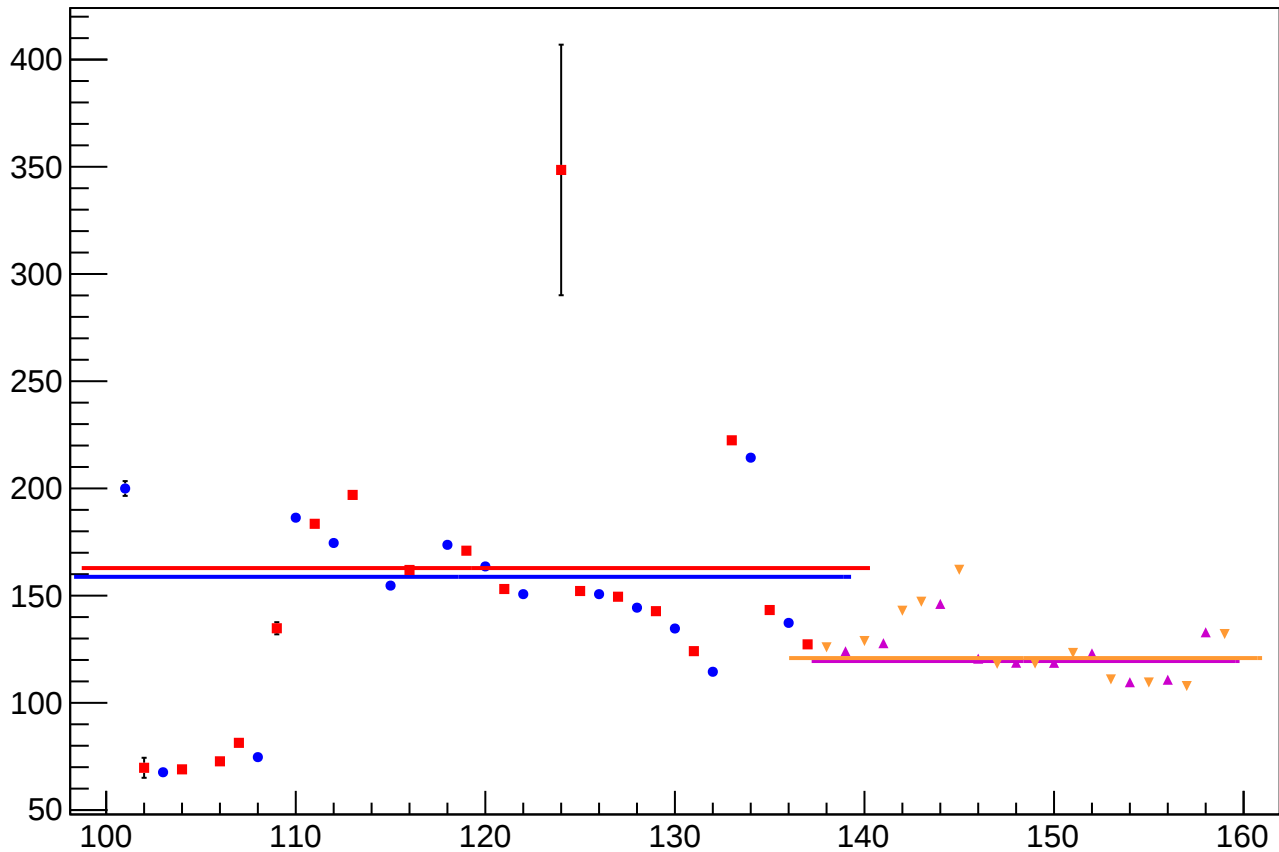
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.367 ± 0.025 $\chi^2/\text{NDF}: 270955.8/24$

Out: 0.525 ± 0.026 $\chi^2/\text{NDF}: 254215.5/29$

All: 2.552 ± 0.018 $\chi^2/\text{NDF}: 536348.4/54$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 120.881 $\pm$ 0.034 χ^2 /NDF:103076.4/11

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 119.503 $\pm$ 0.033 χ^2 /NDF:64132.1/9

Left: 120.173 $\pm$ 0.024 χ^2 /NDF: 168065.8/21

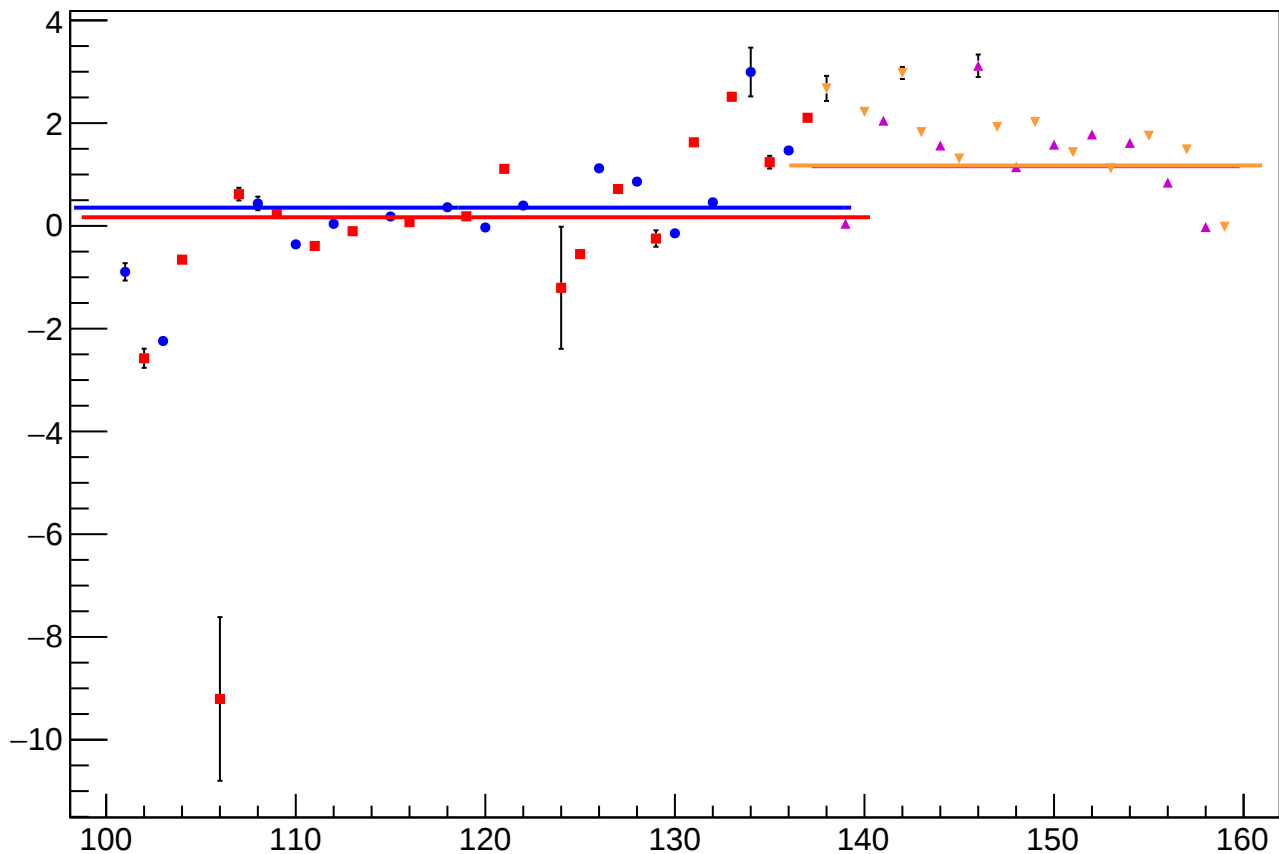
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 124.267 $\pm$ 0.031 χ^2 /NDF:396896.7/24

Out: 125.736 $\pm$ 0.032 χ^2 /NDF:438373.8/29

All: 124.979 $\pm$ 0.022 χ^2 /NDF: 836375.4/54

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.176 ± 0.013 $\chi^2/\text{NDF}: 4597.3/11$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.162 ± 0.009 $\chi^2/\text{NDF}: 5834.2/9$

Left: 1.167 ± 0.008 $\chi^2/\text{NDF}: 10432.3/21$

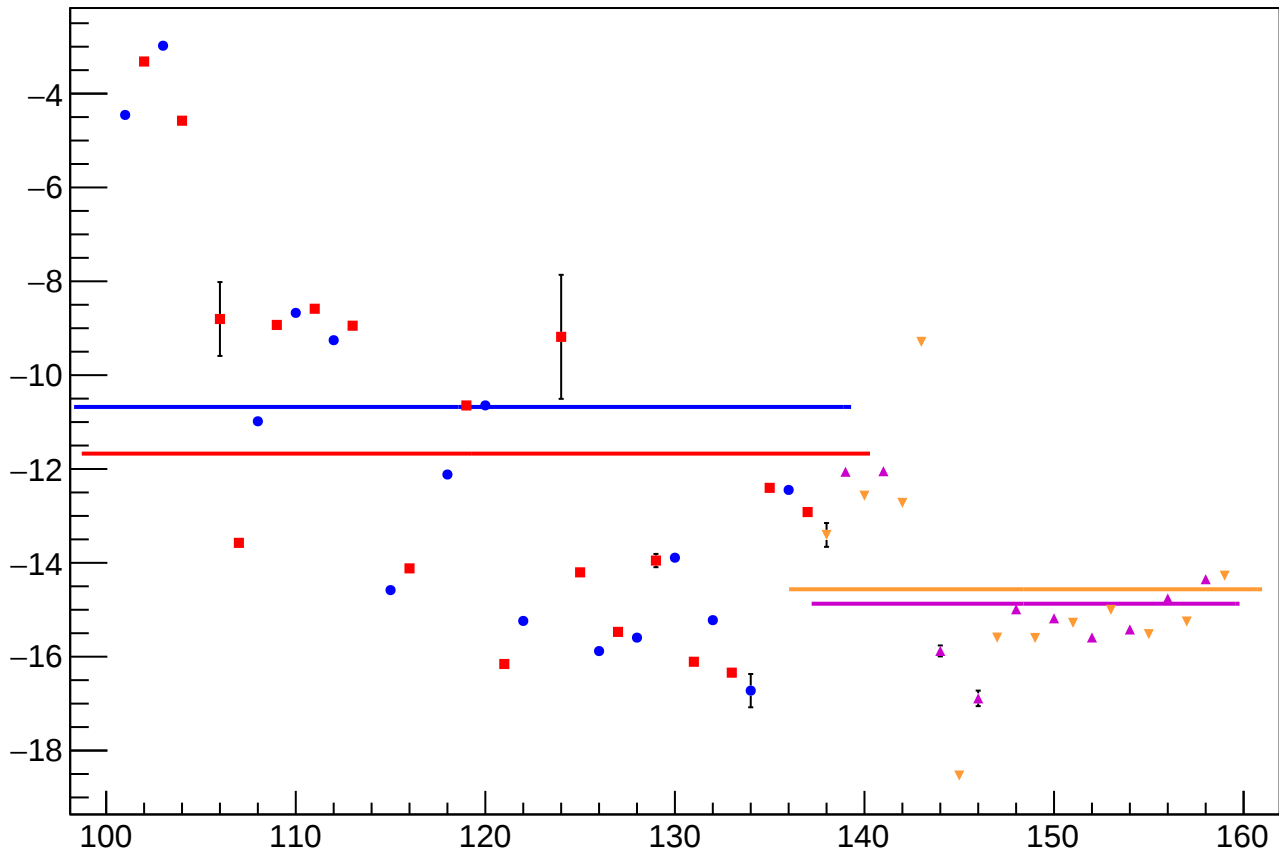
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.850 ± 0.007 $\chi^2/\text{NDF}: 12735.0/24$

Out: 0.434 ± 0.007 $\chi^2/\text{NDF}: 13777.5/29$

All: 0.619 ± 0.005 $\chi^2/\text{NDF}: 28307.6/54$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.563 ± 0.010 $\chi^2/\text{NDF}: 29242.1/11$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.871 ± 0.008 $\chi^2/\text{NDF}: 11335.0/9$

Left: -14.749 ± 0.007 $\chi^2/\text{NDF}: 41099.4/21$

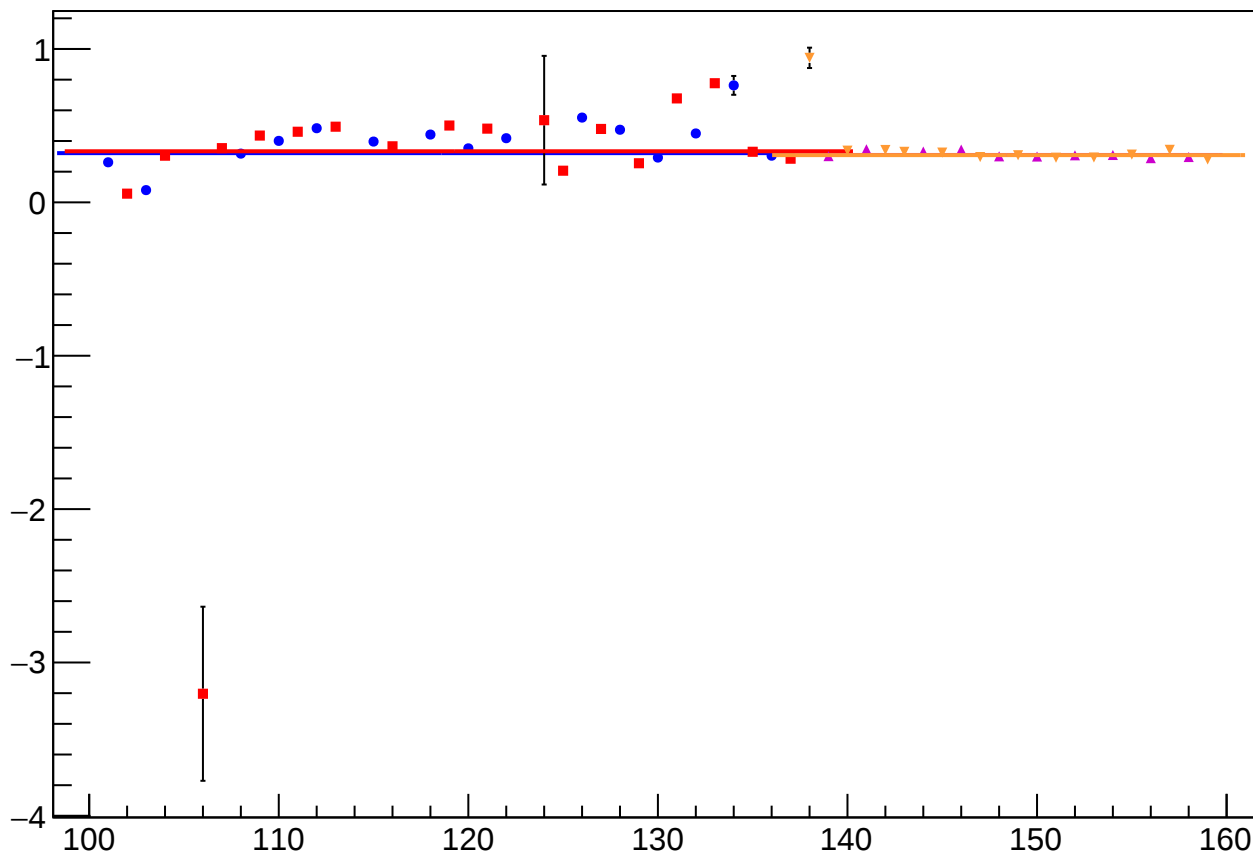
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.168 ± 0.007 $\chi^2/\text{NDF}: 336988.9/24$

Out: -13.272 ± 0.008 $\chi^2/\text{NDF}: 171213.6/29$

All: -13.211 ± 0.005 $\chi^2/\text{NDF}: 508305.5/54$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.308 $\pm$ 0.000 χ^2 /NDF:3622.9/11

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.309 $\pm$ 0.000 χ^2 /NDF:1883.7/9

Left: 0.308 $\pm$ 0.000 χ^2 /NDF: 5509.9/21

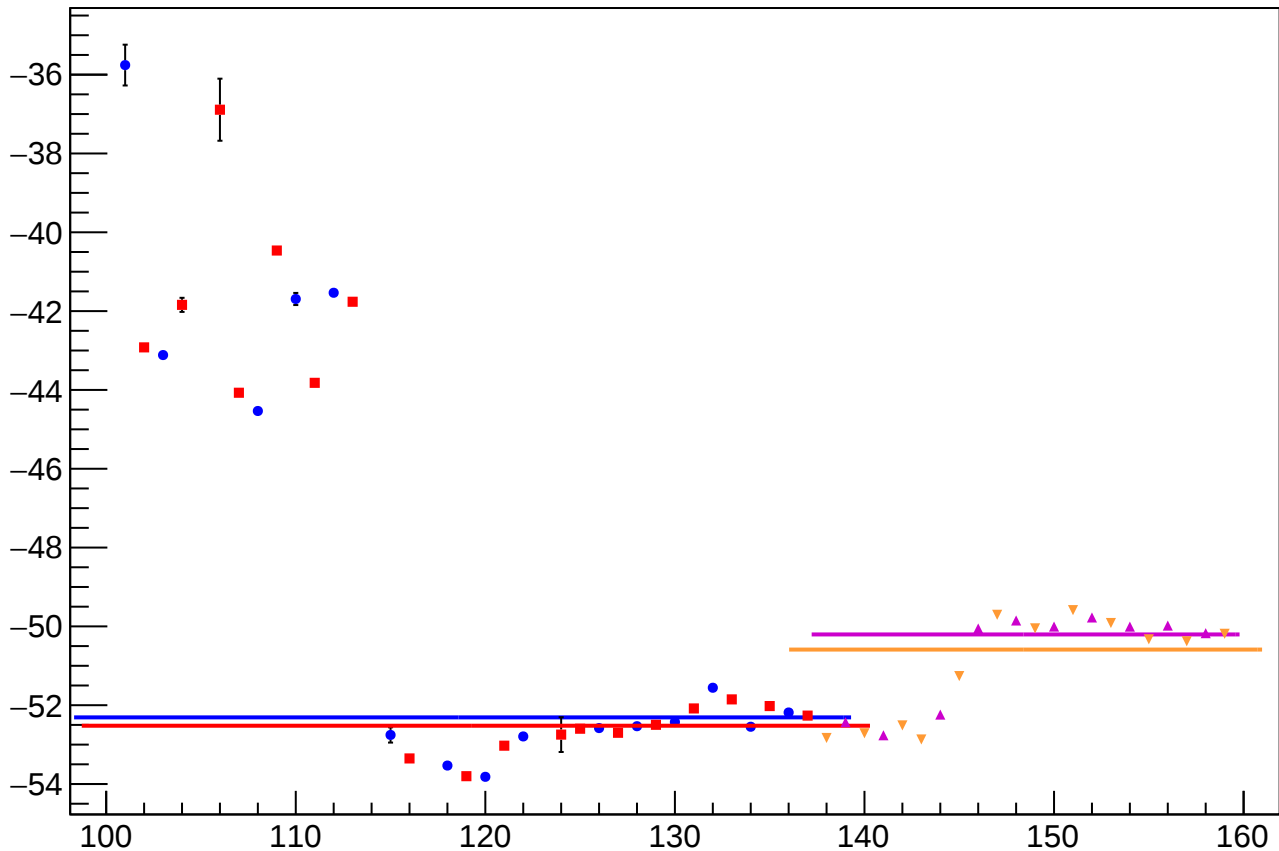
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.310 $\pm$ 0.000 χ^2 /NDF:6046.1/24

Out: 0.310 $\pm$ 0.000 χ^2 /NDF:8162.0/29

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 14208.8/54

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.588 $\pm$ 0.003 χ^2 /NDF: 203435.6/11

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.204 $\pm$ 0.002 χ^2 /NDF: 154965.2/9

Left: -50.329 $\pm$ 0.001 χ^2 /NDF: 374100.8/21

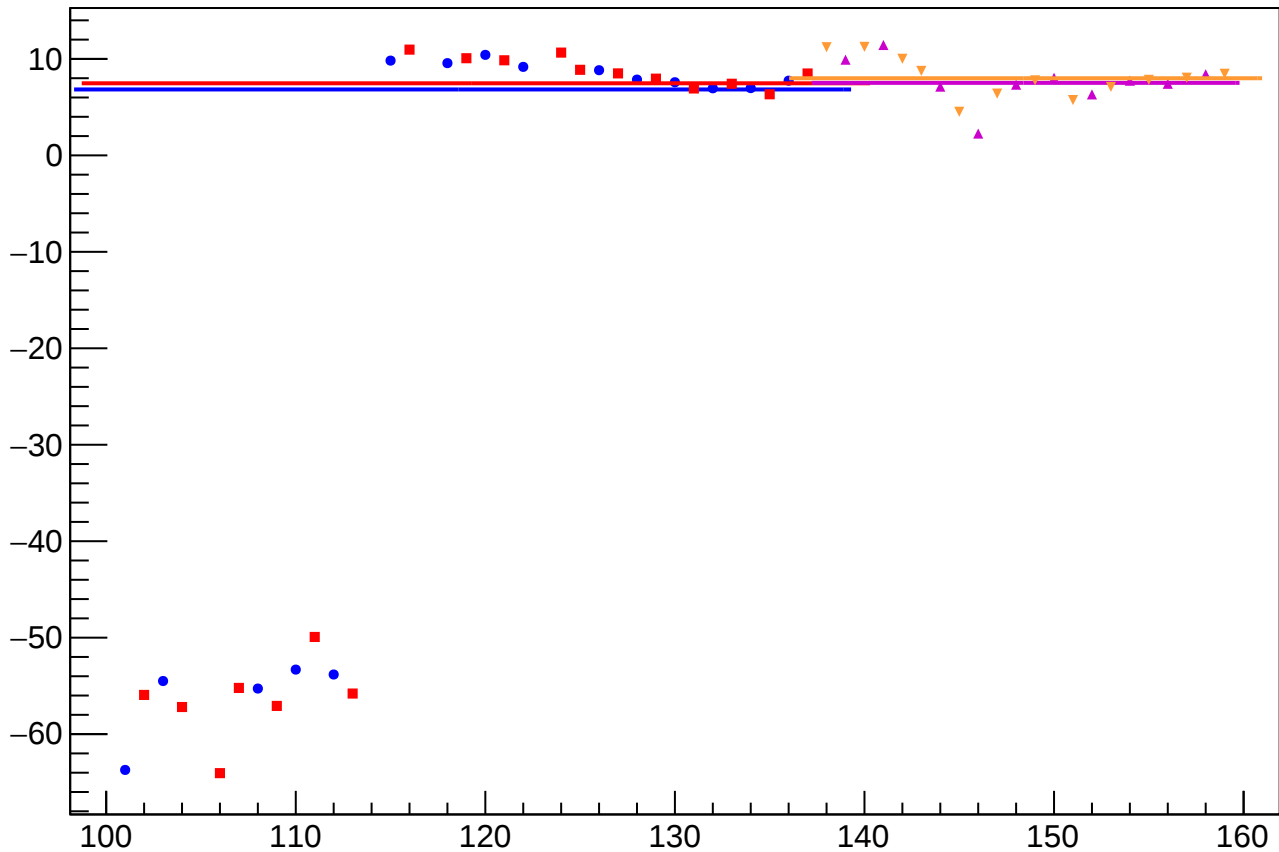
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.489 $\pm$ 0.002 χ^2 /NDF: 405031.2/24

Out: -51.033 $\pm$ 0.002 χ^2 /NDF: 415627.3/29

All: -50.680 $\pm$ 0.001 χ^2 /NDF: 860047.6/54

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.997 ± 0.005 $\chi^2/\text{NDF}: 78028.3/11$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.518 ± 0.004 $\chi^2/\text{NDF}: 97213.7/9$

Left: 7.708 ± 0.003 $\chi^2/\text{NDF}: 181455.6/21$

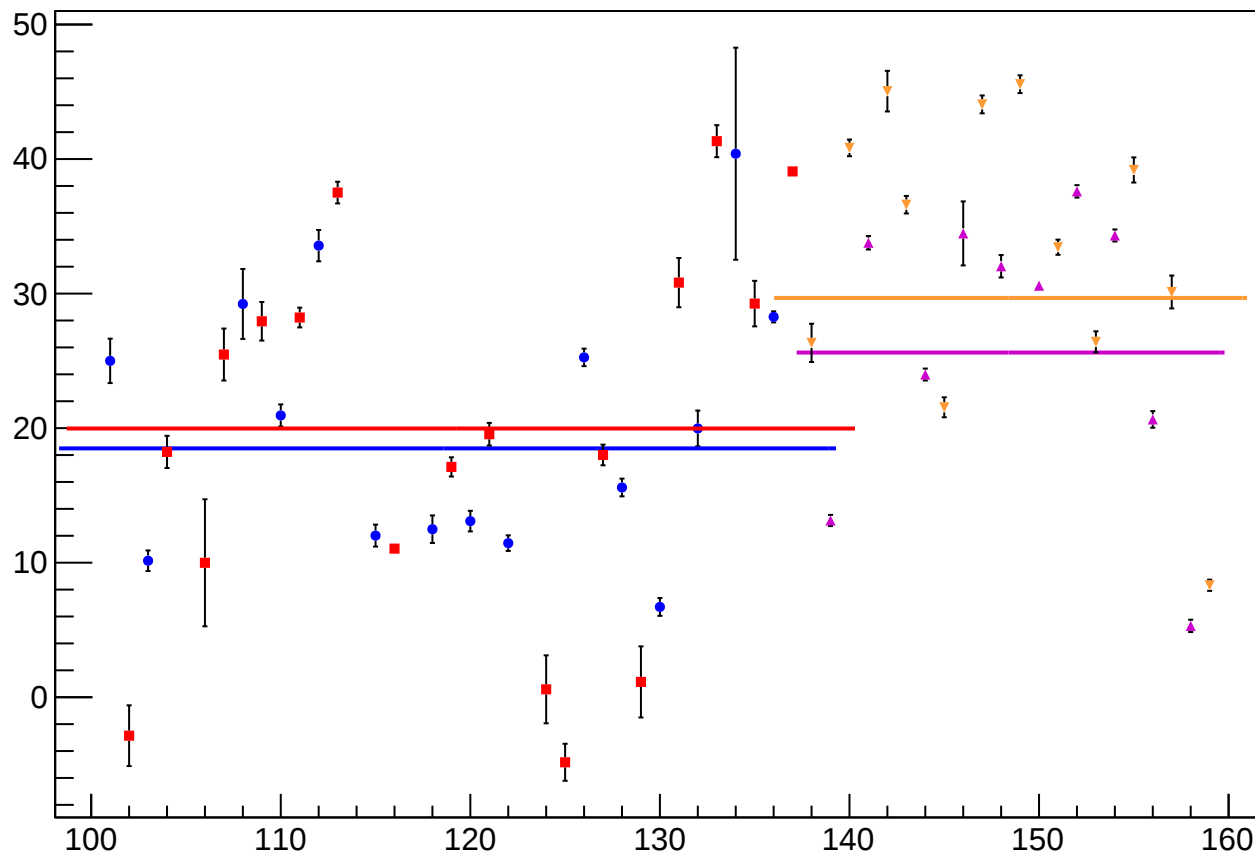
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.269 ± 0.003 $\chi^2/\text{NDF}: 1099400.9/24$

Out: 7.890 ± 0.004 $\chi^2/\text{NDF}: 1276044.4/29$

All: 7.483 ± 0.002 $\chi^2/\text{NDF}: 2389722.0/54$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 29.678 $\pm$ 0.202 χ^2 /NDF:4497.9/11

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 25.620 $\pm$ 0.152 χ^2 /NDF:4573.4/9

Left: 27.095 $\pm$ 0.122 χ^2 /NDF: 9329.4/21

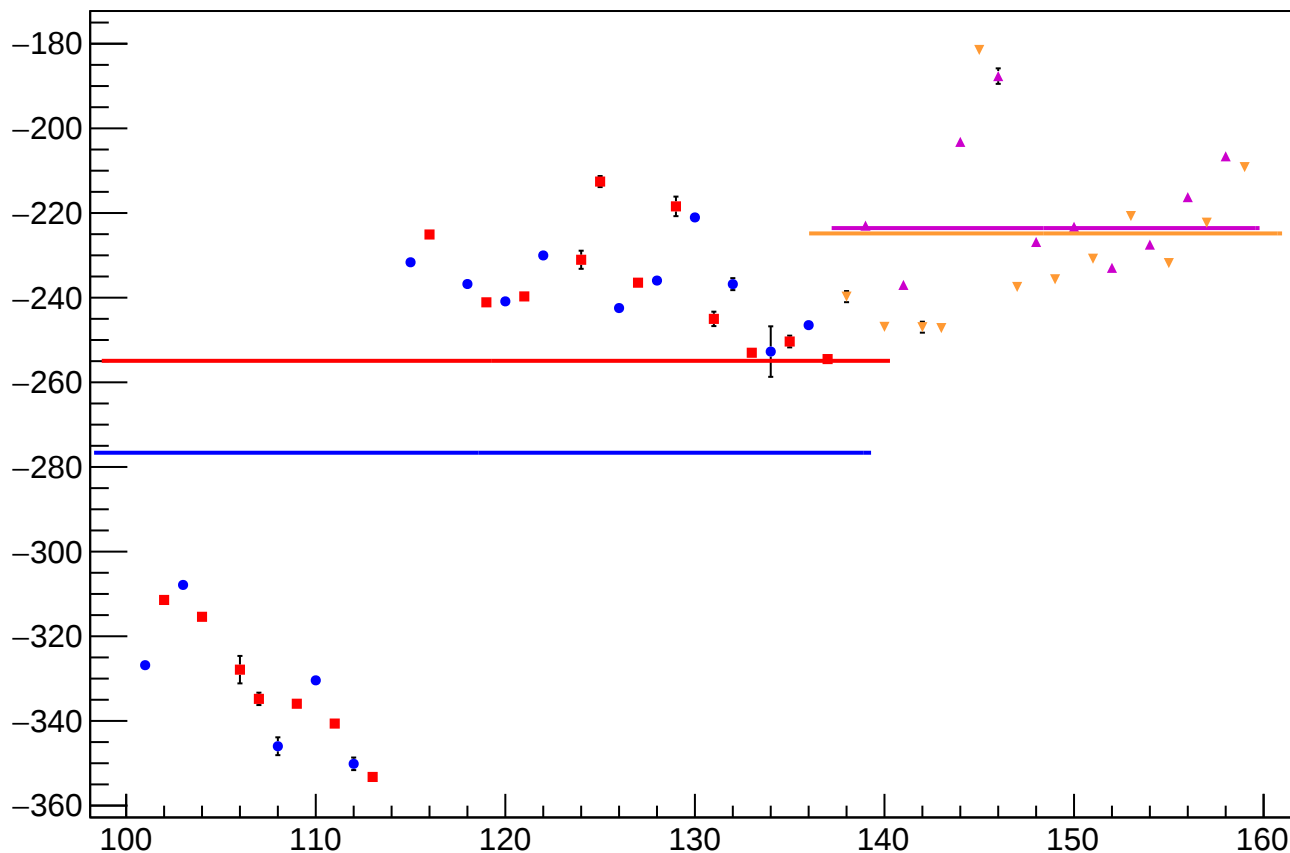
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 23.006 $\pm$ 0.121 χ^2 /NDF:7012.8/24

Out: 22.830 $\pm$ 0.109 χ^2 /NDF:15334.7/29

All: 22.909 $\pm$ 0.081 χ^2 /NDF: 22348.7/54

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -224.822 ± 0.162 $\chi^2/\text{NDF}: 13664.2/11$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -223.558 ± 0.133 $\chi^2/\text{NDF}: 4498.7/9$

Left: -224.064 ± 0.103 $\chi^2/\text{NDF}: 18199.3/21$

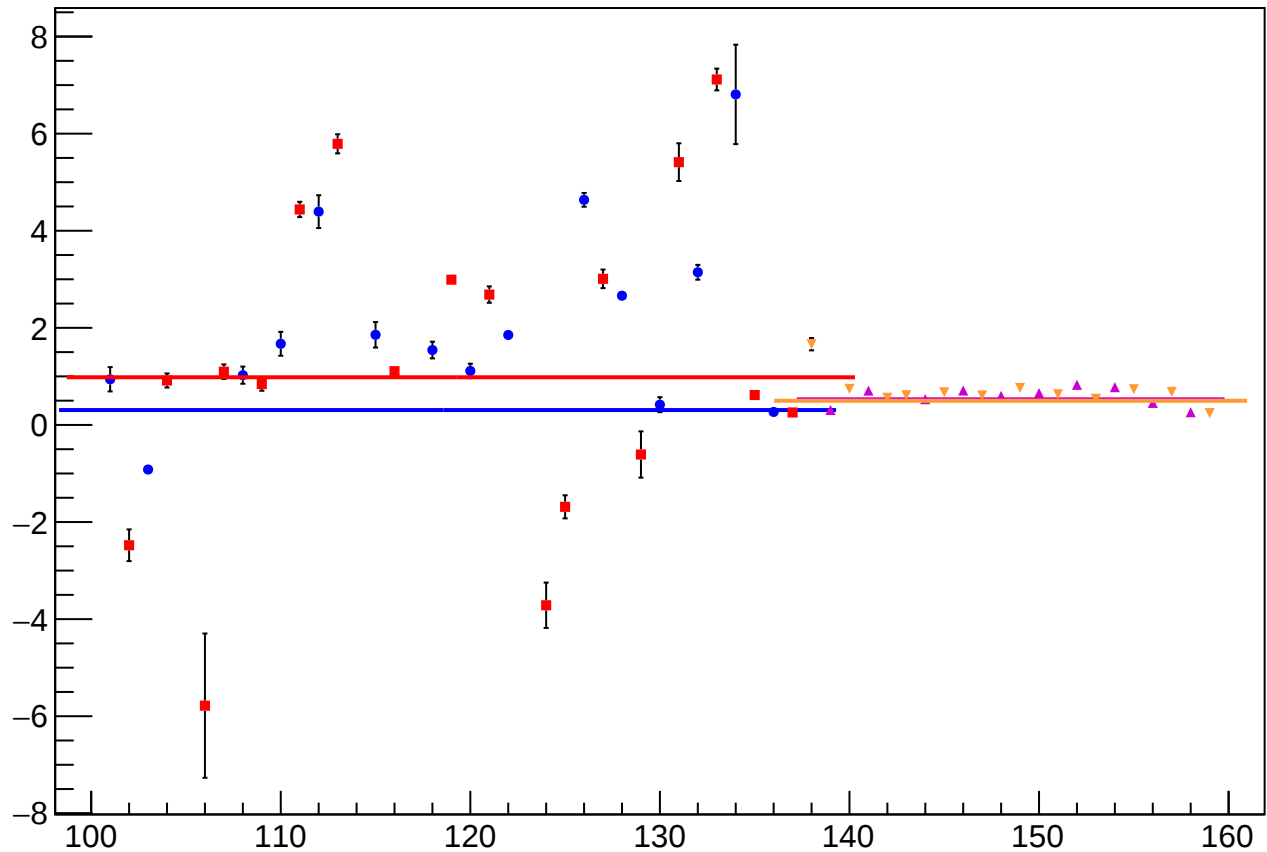
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -247.292 ± 0.099 $\chi^2/\text{NDF}: 153164.7/24$

Out: -250.061 ± 0.065 $\chi^2/\text{NDF}: 114444.1/29$

All: -249.219 ± 0.054 $\chi^2/\text{NDF}: 268156.7/54$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.498 $\pm$ 0.002 χ^2 /NDF: 7499.6/11

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.528 $\pm$ 0.002 χ^2 /NDF: 11417.1/9

Left: 0.515 $\pm$ 0.002 χ^2 /NDF: 18999.8/21

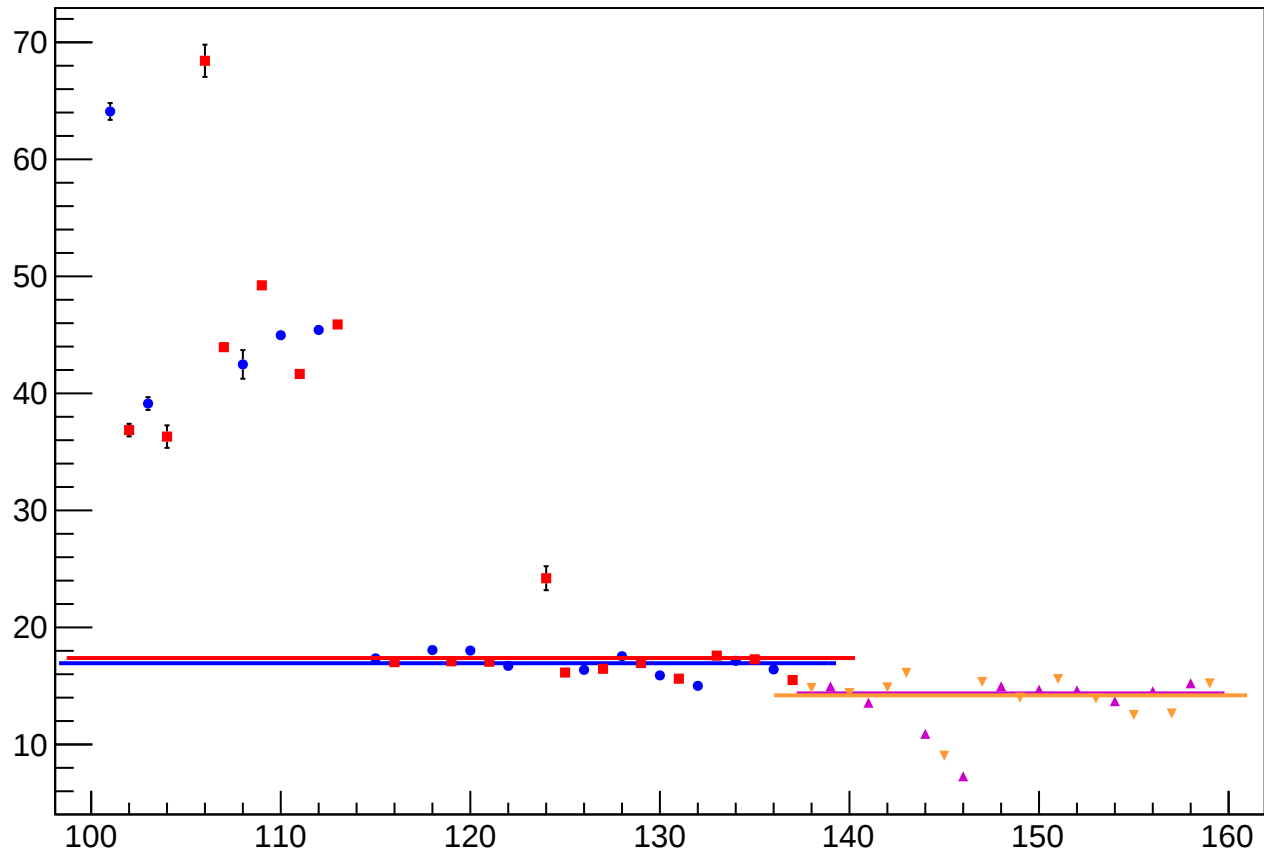
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.507 $\pm$ 0.002 χ^2 /NDF: 15210.6/24

Out: 0.512 $\pm$ 0.002 χ^2 /NDF: 11930.7/29

All: 0.509 $\pm$ 0.002 χ^2 /NDF: 27143.6/54

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.197 ± 0.010 $\chi^2/\text{NDF}: 49692.0/11$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.362 ± 0.010 $\chi^2/\text{NDF}: 8090.1/9$

Left: 14.276 ± 0.007 $\chi^2/\text{NDF}: 57911.6/21$

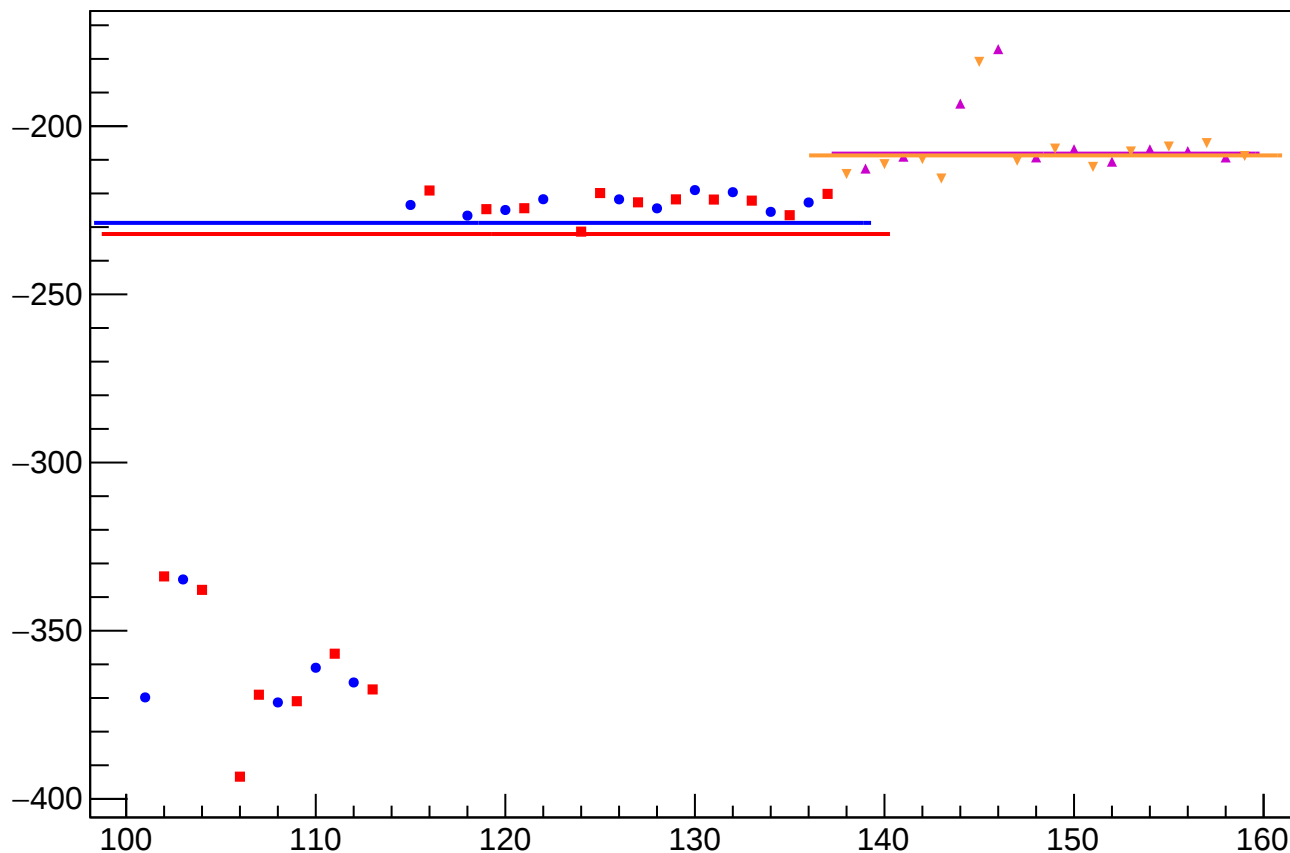
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.385 ± 0.008 $\chi^2/\text{NDF}: 61334.2/24$

Out: 14.978 ± 0.009 $\chi^2/\text{NDF}: 135627.4/29$

All: 15.196 ± 0.006 $\chi^2/\text{NDF}: 198136.5/54$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -208.690+/-0.021 χ^2/NDF : 73730.8/11

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -208.159+/-0.019 χ^2/NDF : 14329.3/9

Left: -208.402+/-0.014 χ^2/NDF : 88406.7/21

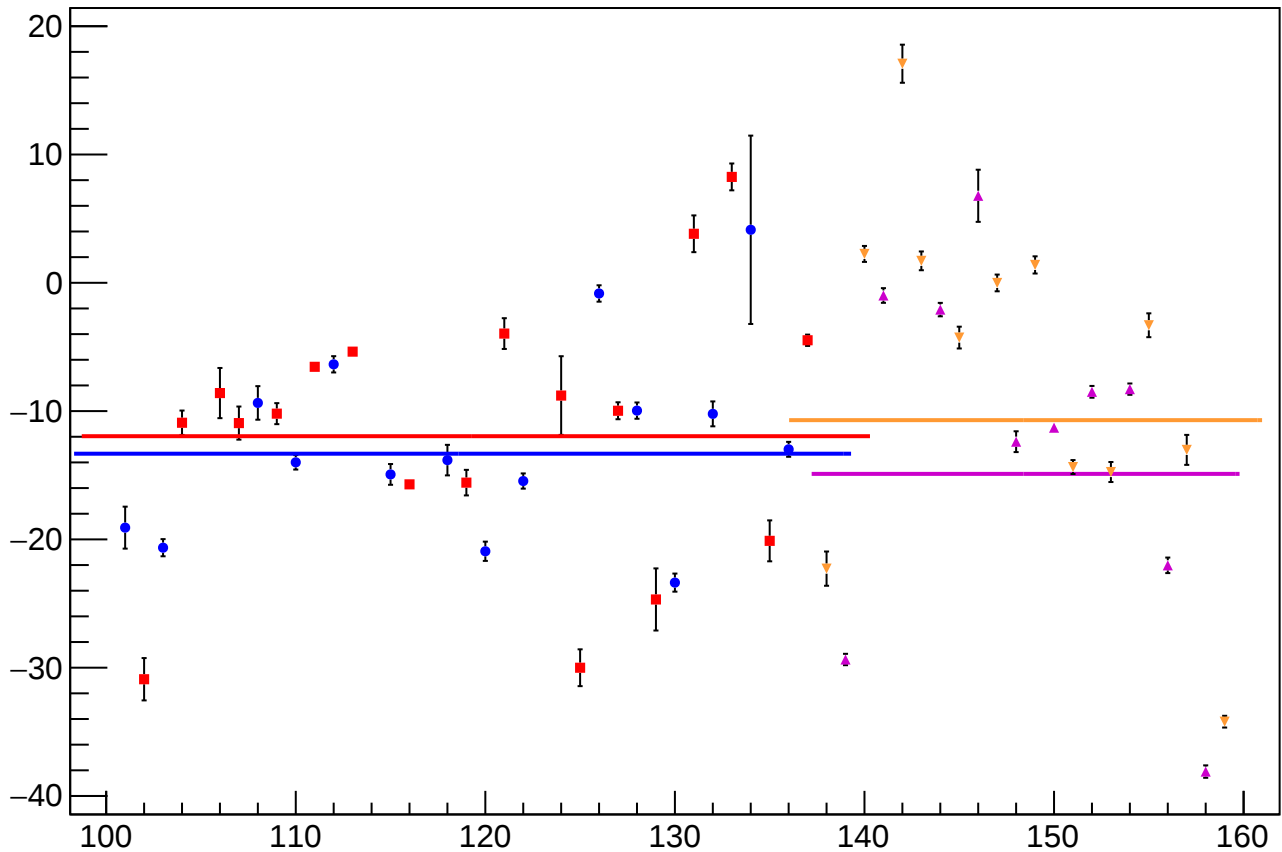
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -213.029+/-0.017 χ^2/NDF : 940948.7/24

Out: -213.499+/-0.019 χ^2/NDF : 1119492.3/29

All: -213.240+/-0.013 χ^2/NDF : 2060788.0/54

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -10.706 ± 0.208 $\chi^2/\text{NDF}: 4562.5/11$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -14.894 ± 0.161 $\chi^2/\text{NDF}: 5331.3/9$

Left: -13.325 ± 0.127 $\chi^2/\text{NDF}: 10147.2/21$

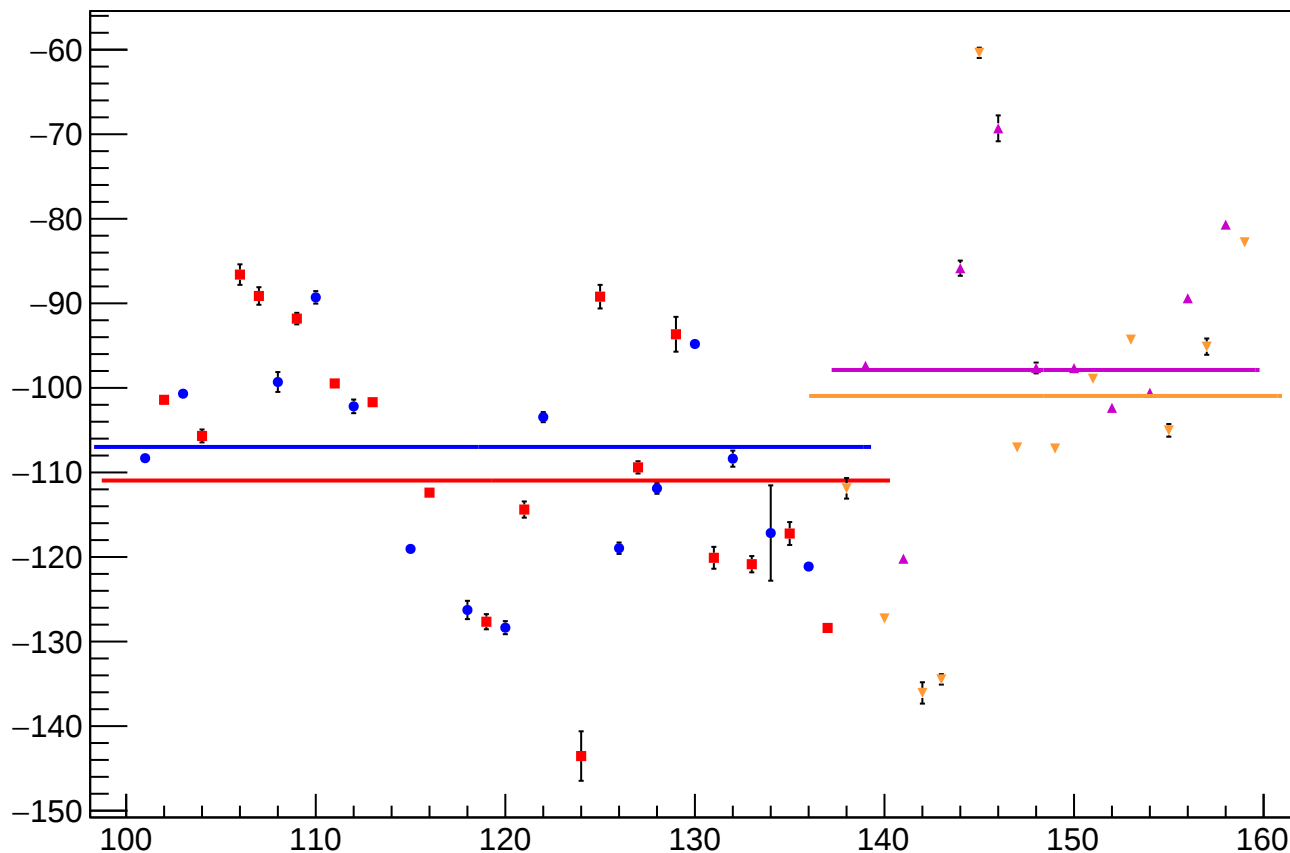
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.251 ± 0.124 $\chi^2/\text{NDF}: 6383.3/24$

Out: -11.673 ± 0.099 $\chi^2/\text{NDF}: 7077.6/29$

All: -12.679 ± 0.077 $\chi^2/\text{NDF}: 13725.3/54$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -100.952 ± 0.165 χ^2/NDF : 14017.2/11

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -97.880 ± 0.136 χ^2/NDF : 4840.0/9

Left: -99.122 ± 0.105 χ^2/NDF : 19063.3/21

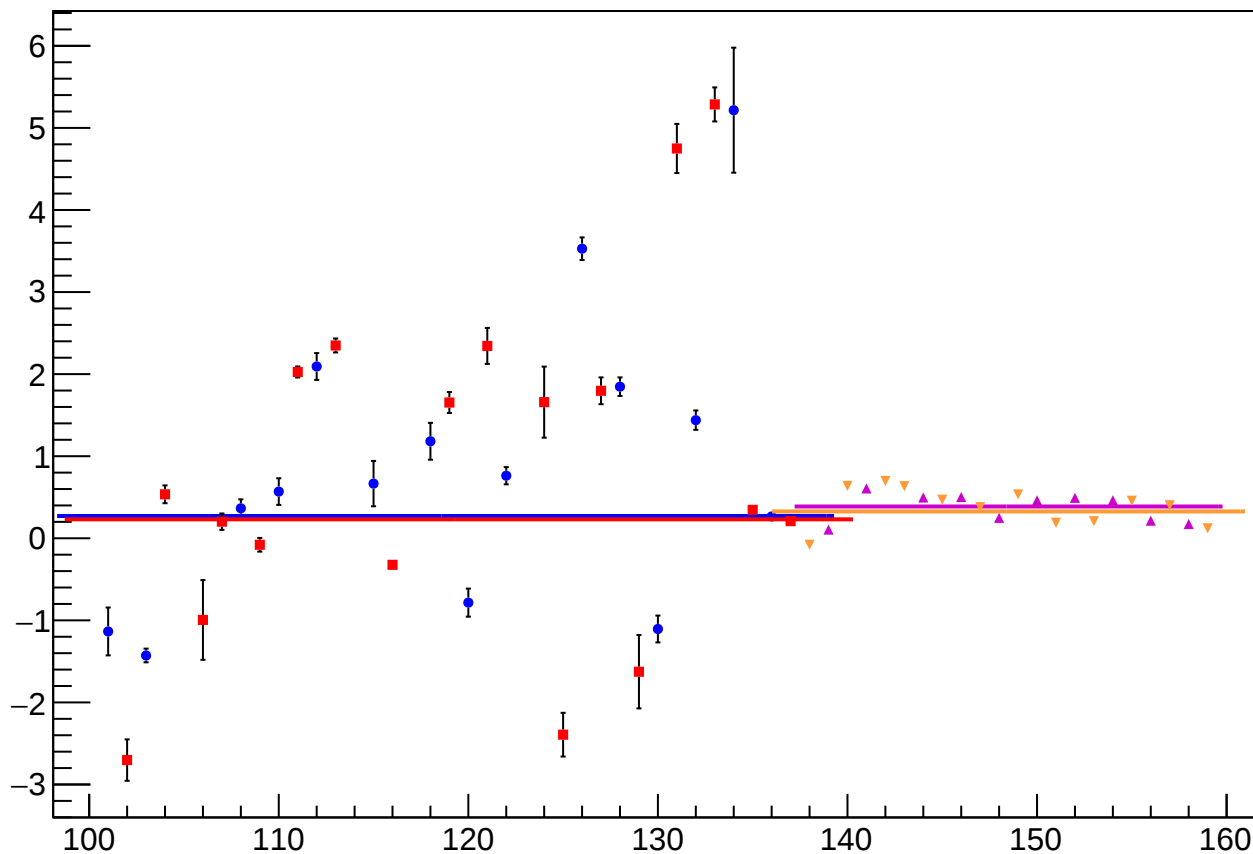
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -103.384 ± 0.086 χ^2/NDF : 12204.1/24

Out: -110.110 ± 0.048 χ^2/NDF : 28047.7/29

All: -108.499 ± 0.042 χ^2/NDF : 44950.8/54

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.327 ± 0.003 χ^2/NDF : 6226.0/11

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.387 ± 0.002 χ^2/NDF : 6378.3/9

Left: 0.363 ± 0.002 χ^2/NDF : 12895.2/21

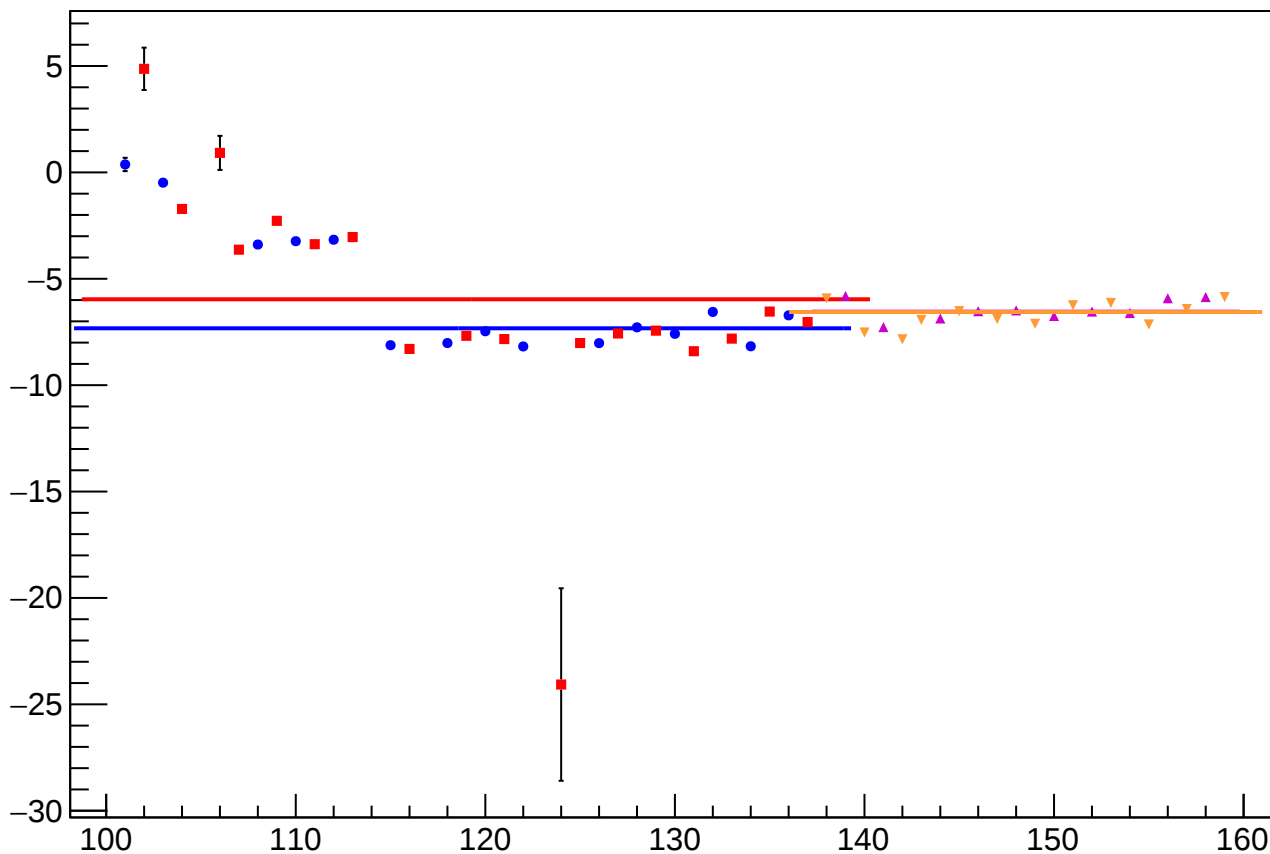
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.370 ± 0.002 χ^2/NDF : 8393.1/24

Out: 0.300 ± 0.002 χ^2/NDF : 9475.1/29

All: 0.339 ± 0.002 χ^2/NDF : 18363.9/54

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -6.562 ± 0.008 χ^2/NDF : 4486.2/11

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

Left In: -6.545 ± 0.007 χ^2/NDF : 4628.2/9

Left: -6.552 ± 0.005 χ^2/NDF : 9117.3/21

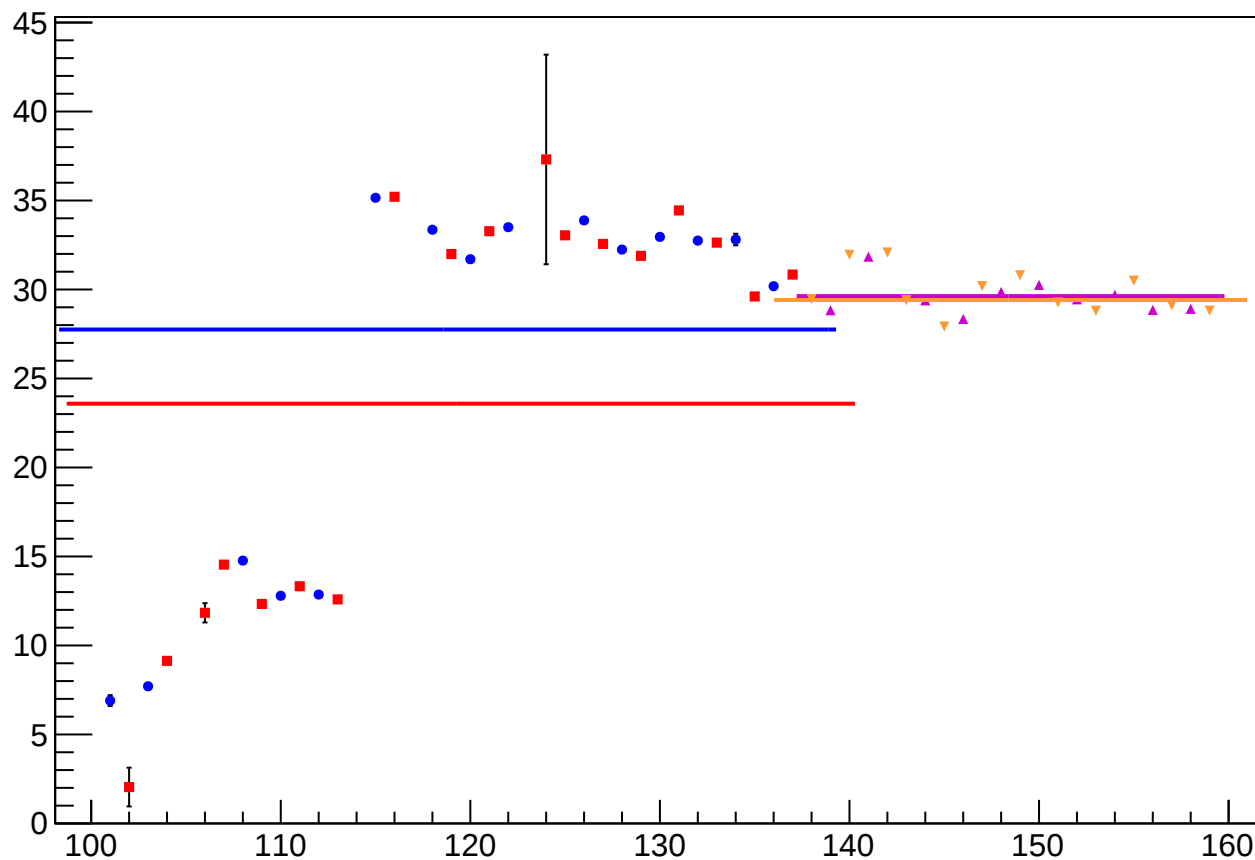
Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32

In: -6.846 ± 0.005 χ^2/NDF : 40470.5/24

Out: -6.295 ± 0.006 χ^2/NDF : 78870.5/29

All: -6.604 ± 0.004 χ^2/NDF : 124283.5/54

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752+/-0.015 χ^2/NDF : 332926.6/14

Left Out: 29.412+/-0.013 χ^2/NDF : 7658.5/11

Right Out: 23.585+/-0.014 χ^2/NDF : 539616.2/17

Left In: 29.627+/-0.012 χ^2/NDF : 2765.9/9

Left: 29.528+/-0.009 χ^2/NDF : 10566.7/21

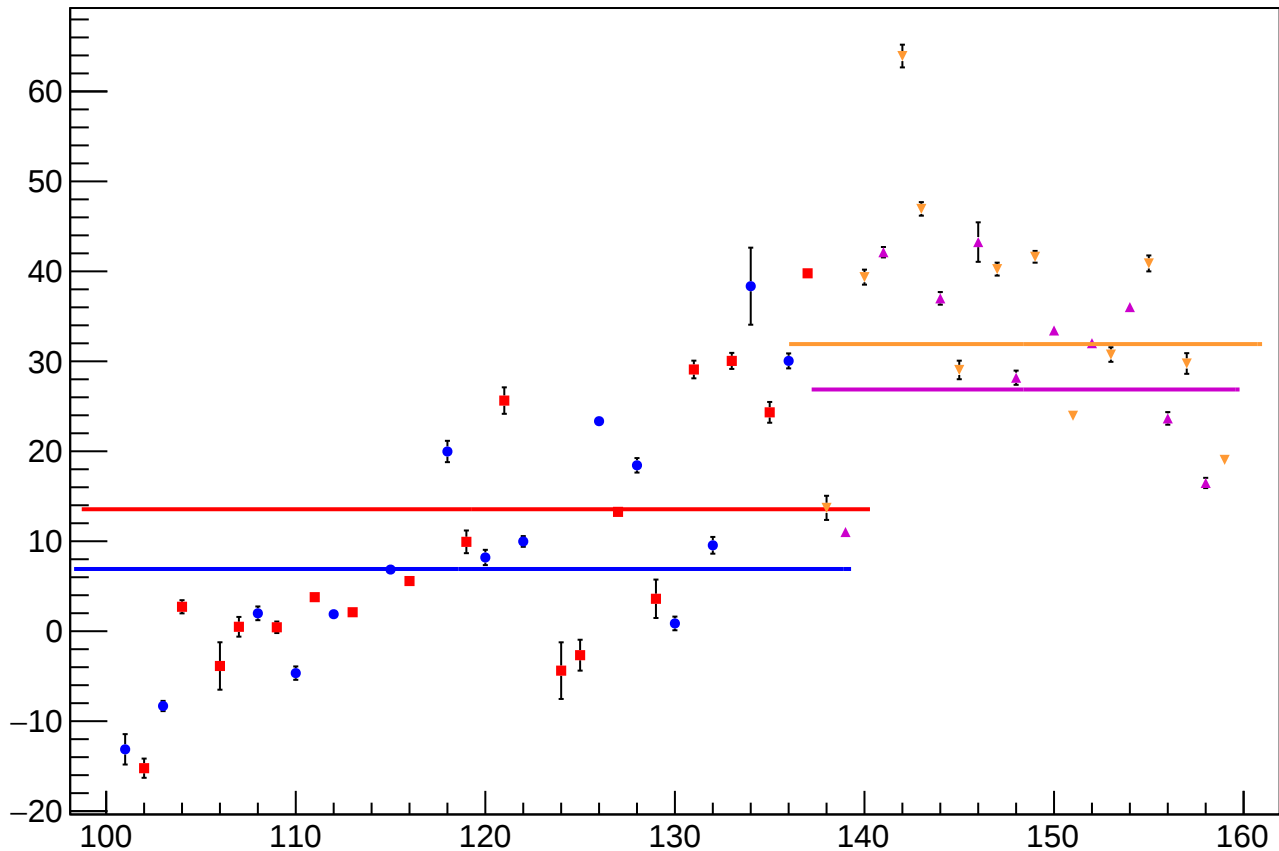
Right: 25.477+/-0.010 χ^2/NDF : 914478.1/32

In: 28.879+/-0.010 χ^2/NDF : 345038.2/24

Out: 26.599+/-0.010 χ^2/NDF : 640669.2/29

All: 27.742+/-0.007 χ^2/NDF : 1014422.1/54

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14

Left Out: 31.916 $\pm$ 0.215 χ^2/NDF : 2802.0/11

Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17

Left In: 26.868 $\pm$ 0.161 χ^2/NDF : 4611.7/9

Left: 28.682 $\pm$ 0.129 χ^2/NDF : 7767.5/21

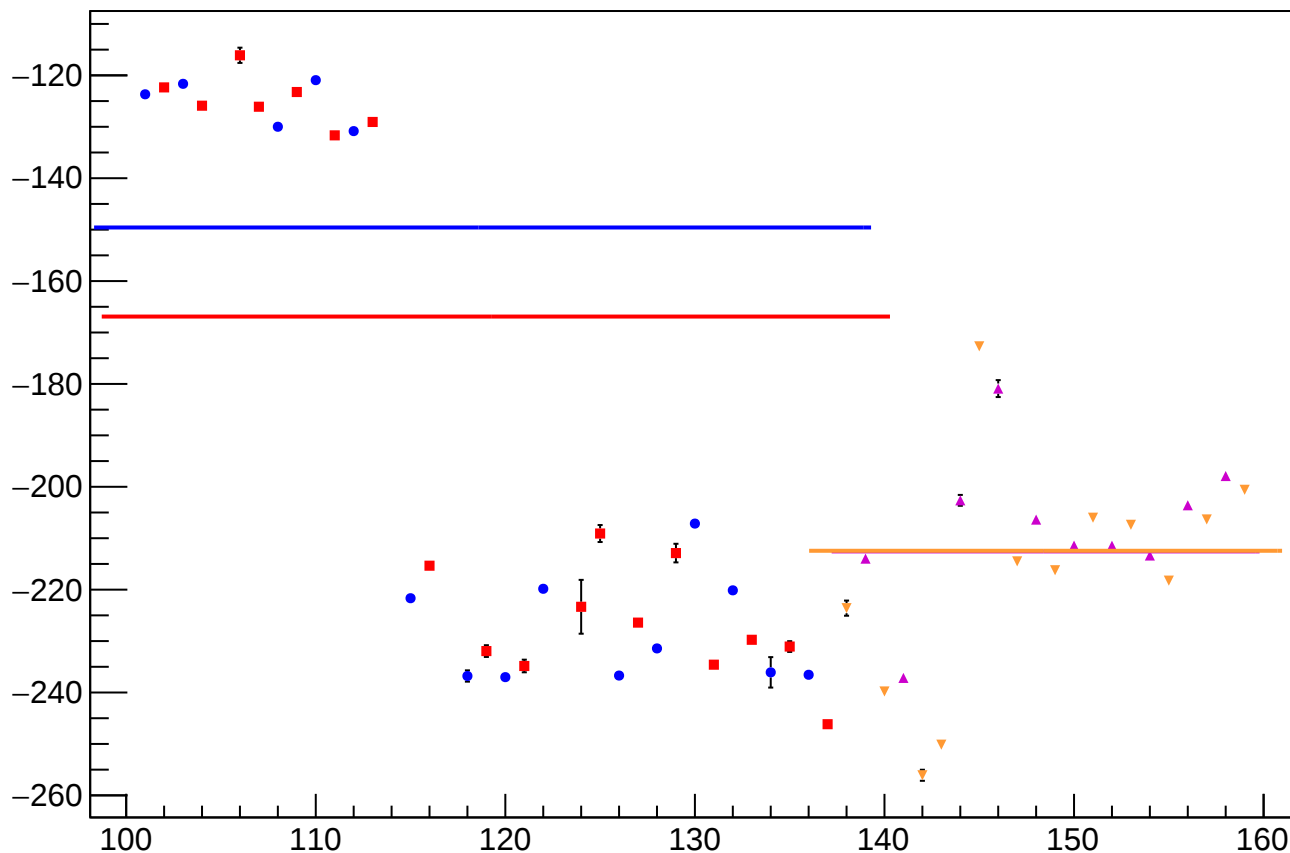
Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32

In: 17.814 $\pm$ 0.119 χ^2/NDF : 15090.9/24

Out: 19.307 $\pm$ 0.120 χ^2/NDF : 19475.5/29

All: 18.553 $\pm$ 0.085 χ^2/NDF : 34644.3/54

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -212.441 ± 0.173 χ^2/NDF : 11343.3/11

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -212.566 ± 0.135 χ^2/NDF : 4650.2/9

Left: -212.519 ± 0.106 χ^2/NDF : 15993.9/21

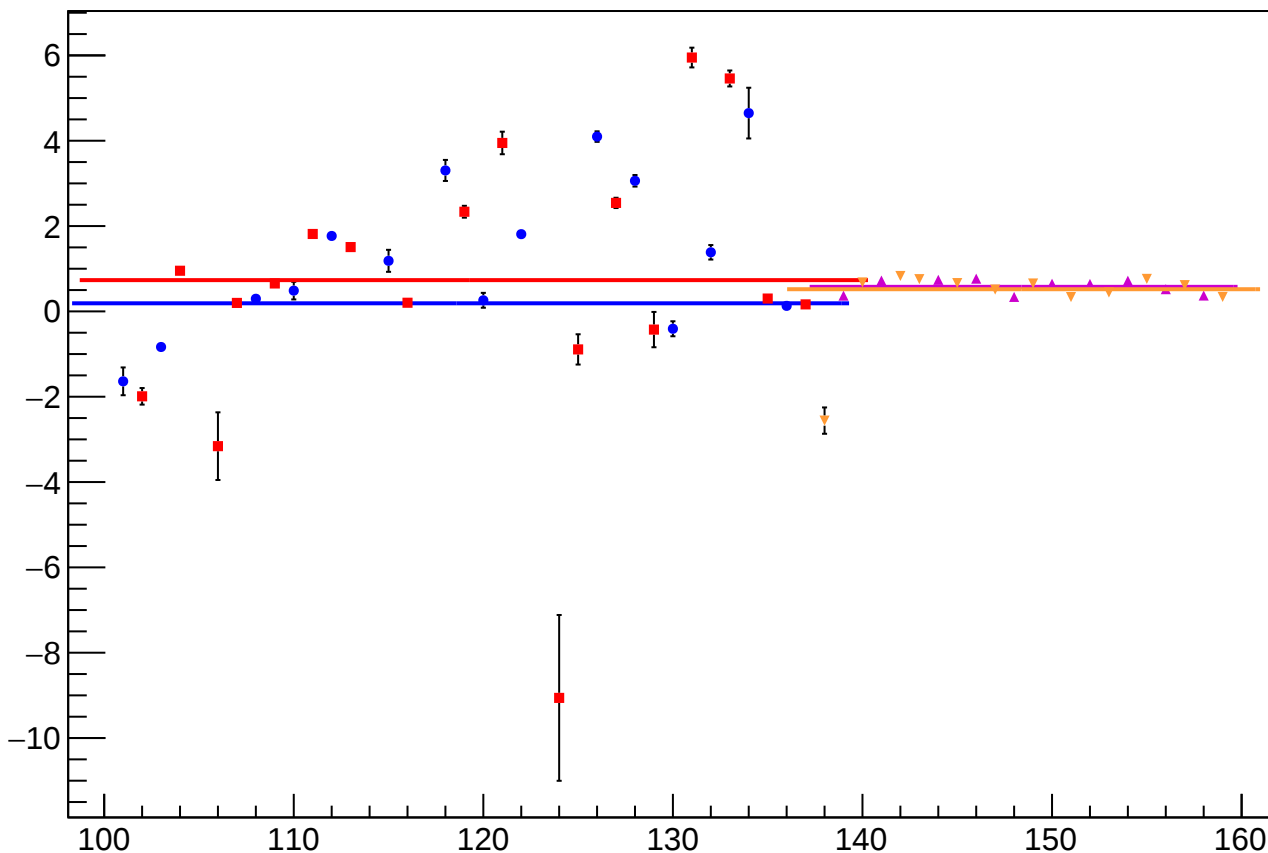
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -172.252 ± 0.081 χ^2/NDF : 340085.0/24

Out: -178.372 ± 0.087 χ^2/NDF : 358472.9/29

All: -175.082 ± 0.059 χ^2/NDF : 701217.4/54

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.520 $\pm$ 0.003 χ^2 /NDF:2994.6/11

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.575 $\pm$ 0.003 χ^2 /NDF:2651.0/9

Left: 0.550 $\pm$ 0.002 χ^2 /NDF: 5804.9/21

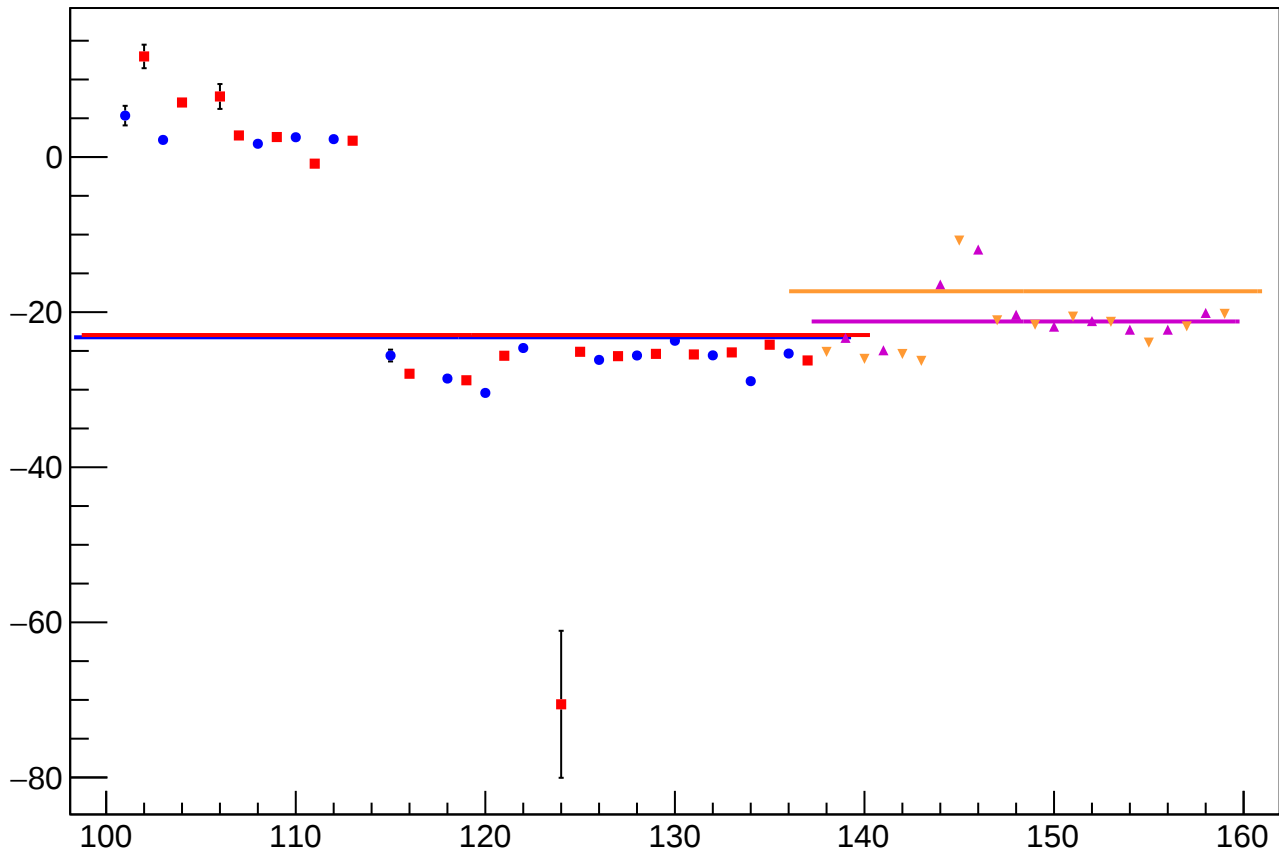
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.535 $\pm$ 0.003 χ^2 /NDF:7173.8/24

Out: 0.525 $\pm$ 0.003 χ^2 /NDF:5774.7/29

All: 0.531 $\pm$ 0.002 χ^2 /NDF: 12953.6/54

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -17.308+/-0.017 χ^2/NDF : 118046.5/11

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -21.202+/-0.019 χ^2/NDF : 9376.5/9

Left: -18.992+/-0.013 χ^2/NDF : 151024.2/21

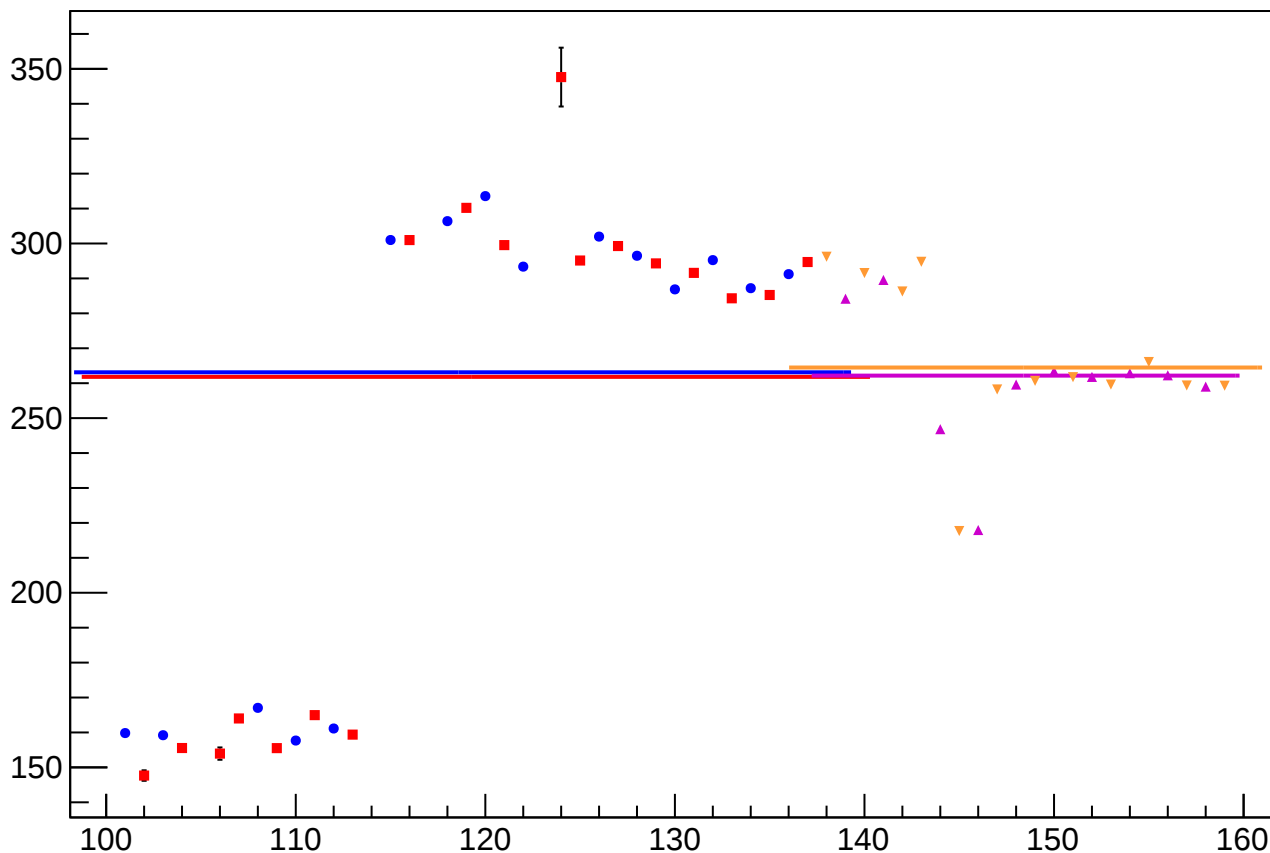
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -21.962+/-0.015 χ^2/NDF : 116729.8/24

Out: -19.074+/-0.014 χ^2/NDF : 261968.2/29

All: -20.388+/-0.010 χ^2/NDF : 398576.0/54

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 264.489+/-0.040 χ^2/NDF : 191926.1/11

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.170+/-0.037 χ^2/NDF : 35682.4/9

Left: 263.234+/-0.027 χ^2/NDF : 229398.7/21

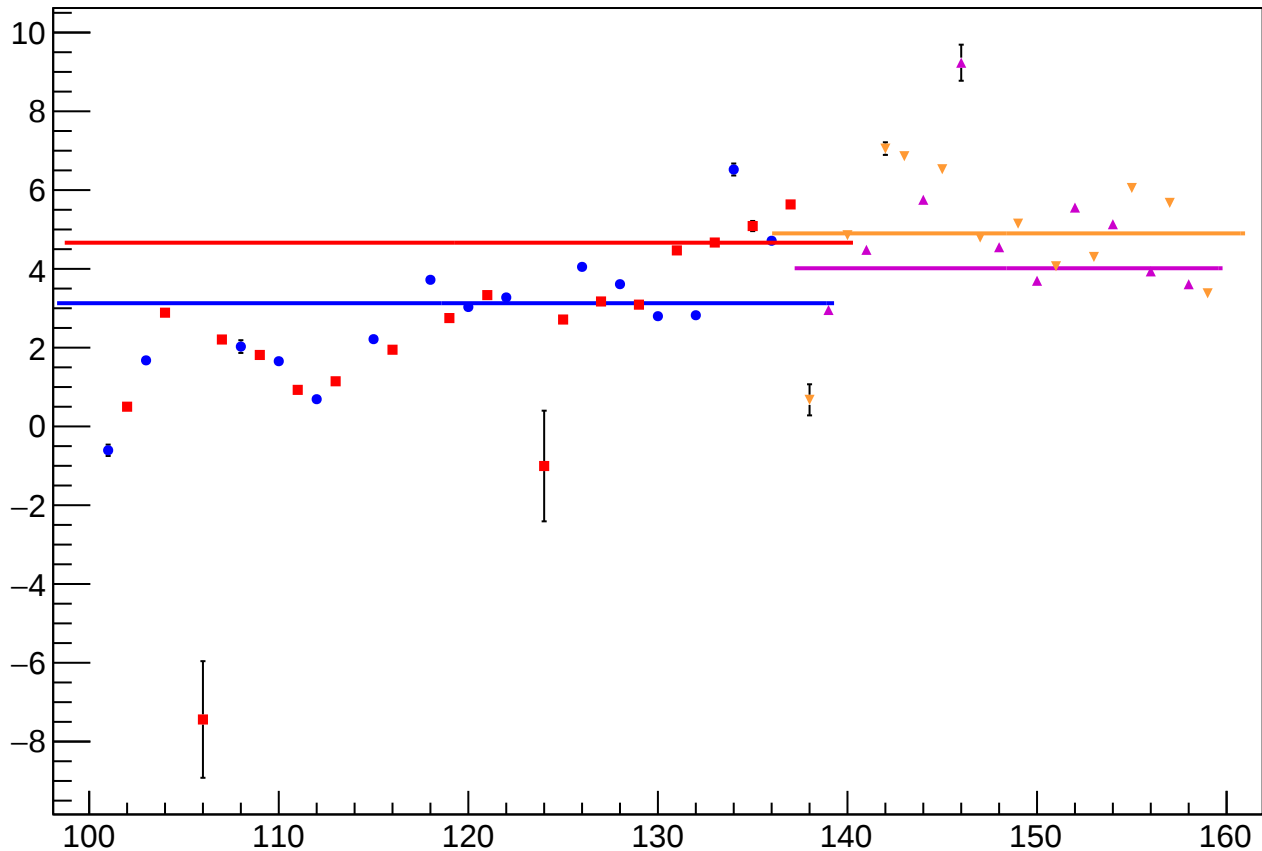
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.383+/-0.033 χ^2/NDF : 728714.7/24

Out: 263.665+/-0.034 χ^2/NDF : 1199471.3/29

All: 263.008+/-0.023 χ^2/NDF : 1928935.1/54

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.901 ± 0.018 $\chi^2/\text{NDF}: 2126.8/11$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.016 ± 0.017 $\chi^2/\text{NDF}: 2380.1/9$

Left: 4.456 ± 0.012 $\chi^2/\text{NDF}: 5781.3/21$

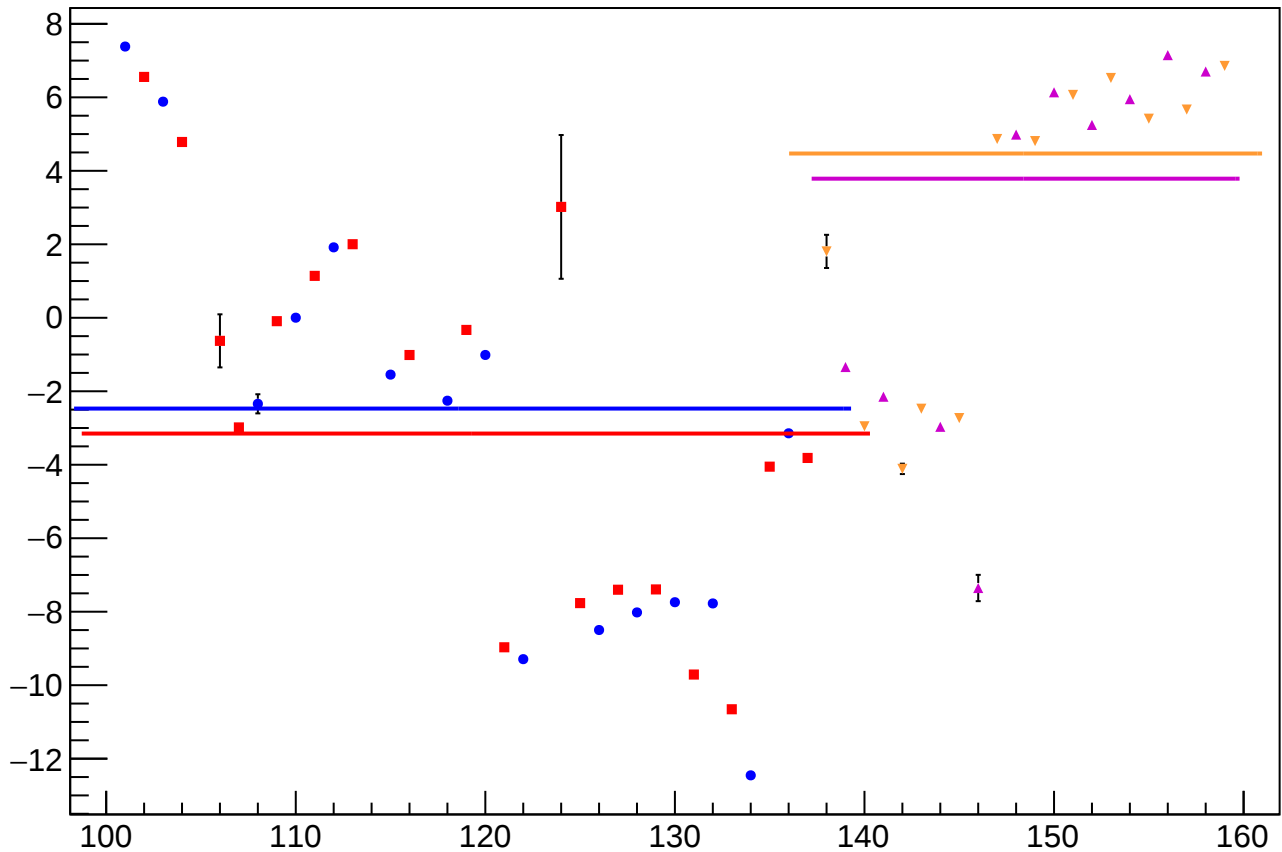
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.526 ± 0.012 $\chi^2/\text{NDF}: 9467.8/24$

Out: 4.692 ± 0.006 $\chi^2/\text{NDF}: 69149.6/29$

All: 4.451 ± 0.005 $\chi^2/\text{NDF}: 86486.3/54$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.471 ± 0.014 $\chi^2/\text{NDF}: 37205.4/11$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.786 ± 0.015 $\chi^2/\text{NDF}: 58934.5/9$

Left: 4.150 ± 0.010 $\chi^2/\text{NDF}: 97210.6/21$

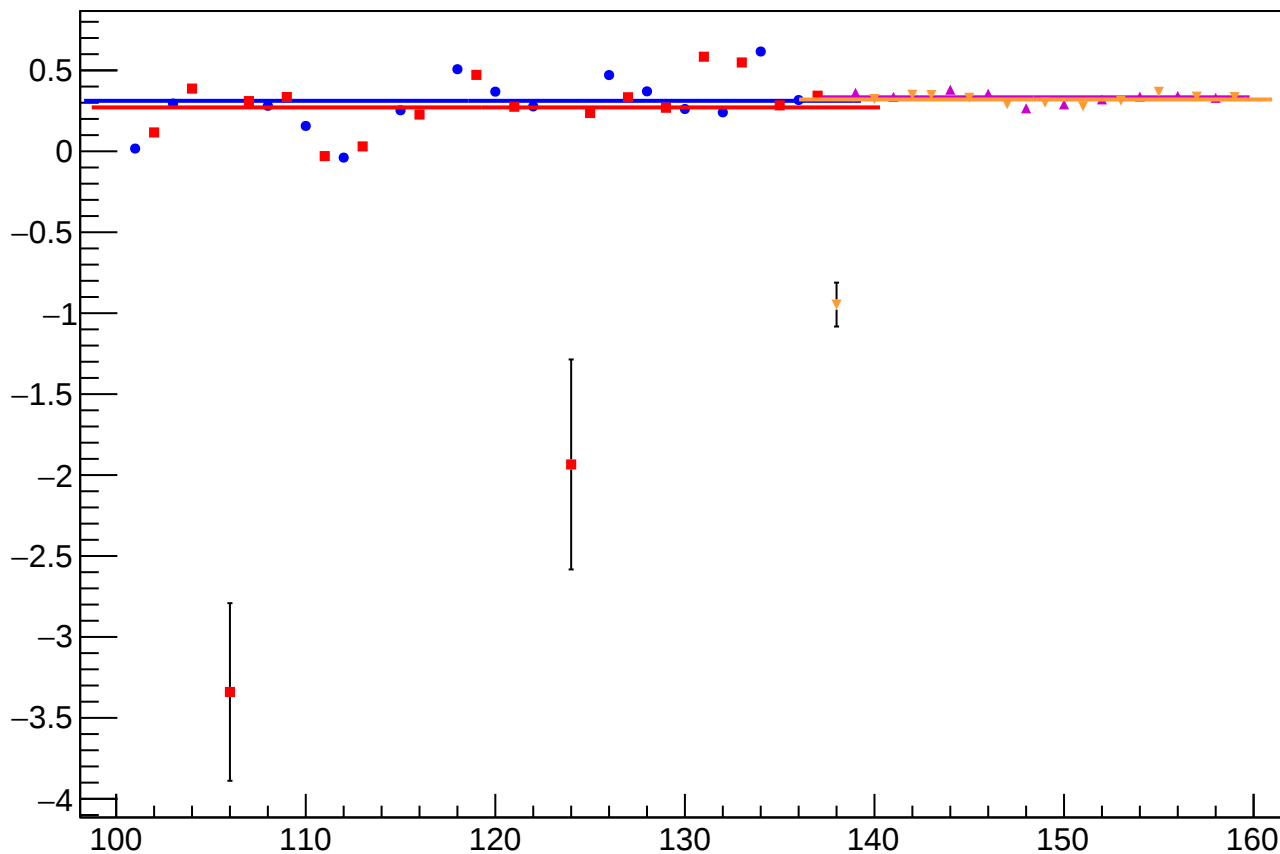
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.413 ± 0.010 $\chi^2/\text{NDF}: 392209.3/24$

Out: -1.535 ± 0.007 $\chi^2/\text{NDF}: 507602.8/29$

All: -0.972 ± 0.006 $\chi^2/\text{NDF}: 924962.5/54$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1217.2/11$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1941.7/9$

Left: 0.327 ± 0.001 $\chi^2/\text{NDF}: 3315.7/21$

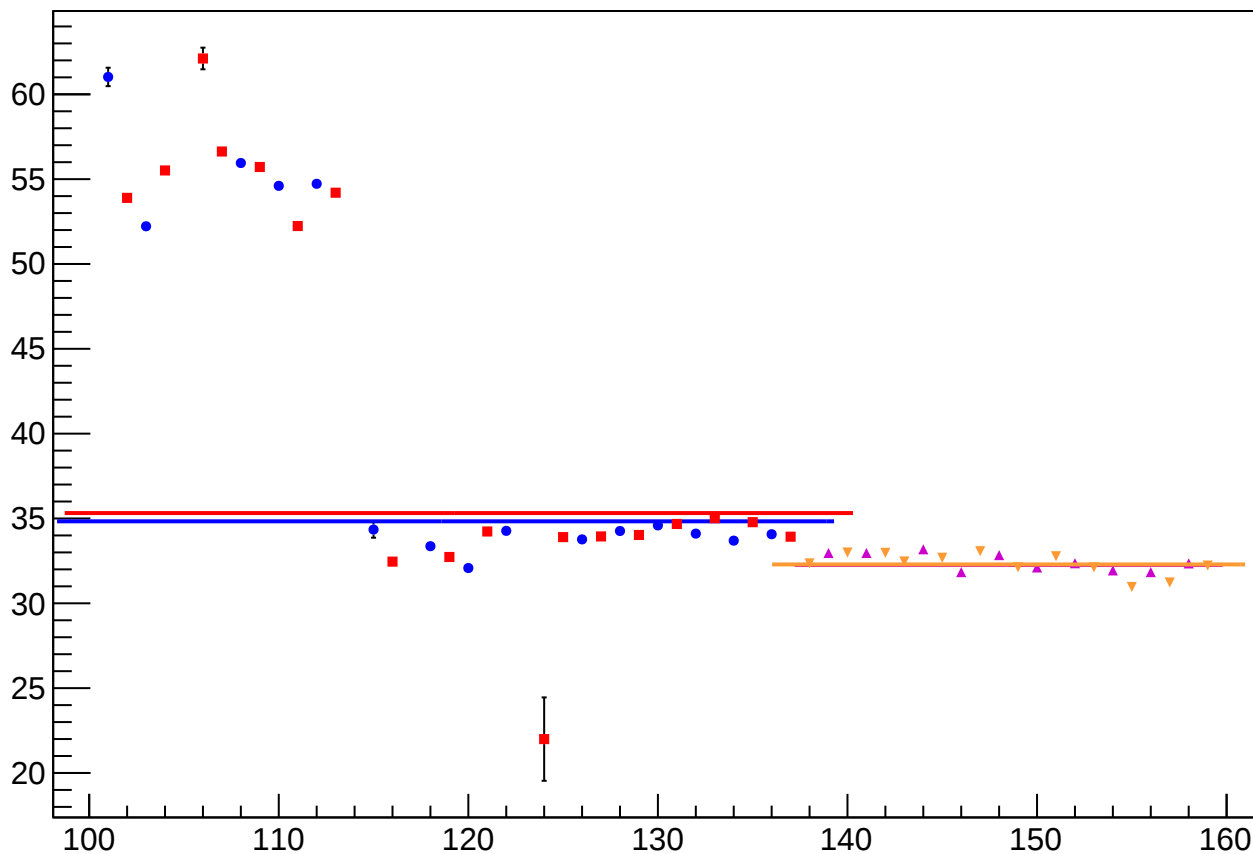
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.328 ± 0.001 $\chi^2/\text{NDF}: 3470.0/24$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 7839.9/29$

All: 0.322 ± 0.000 $\chi^2/\text{NDF}: 11495.4/54$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.290 $\pm$ 0.005 χ^2 /NDF:3268.0/11

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.256 $\pm$ 0.005 χ^2 /NDF:4747.9/9

Left: 32.271 $\pm$ 0.004 χ^2 /NDF: 8038.6/21

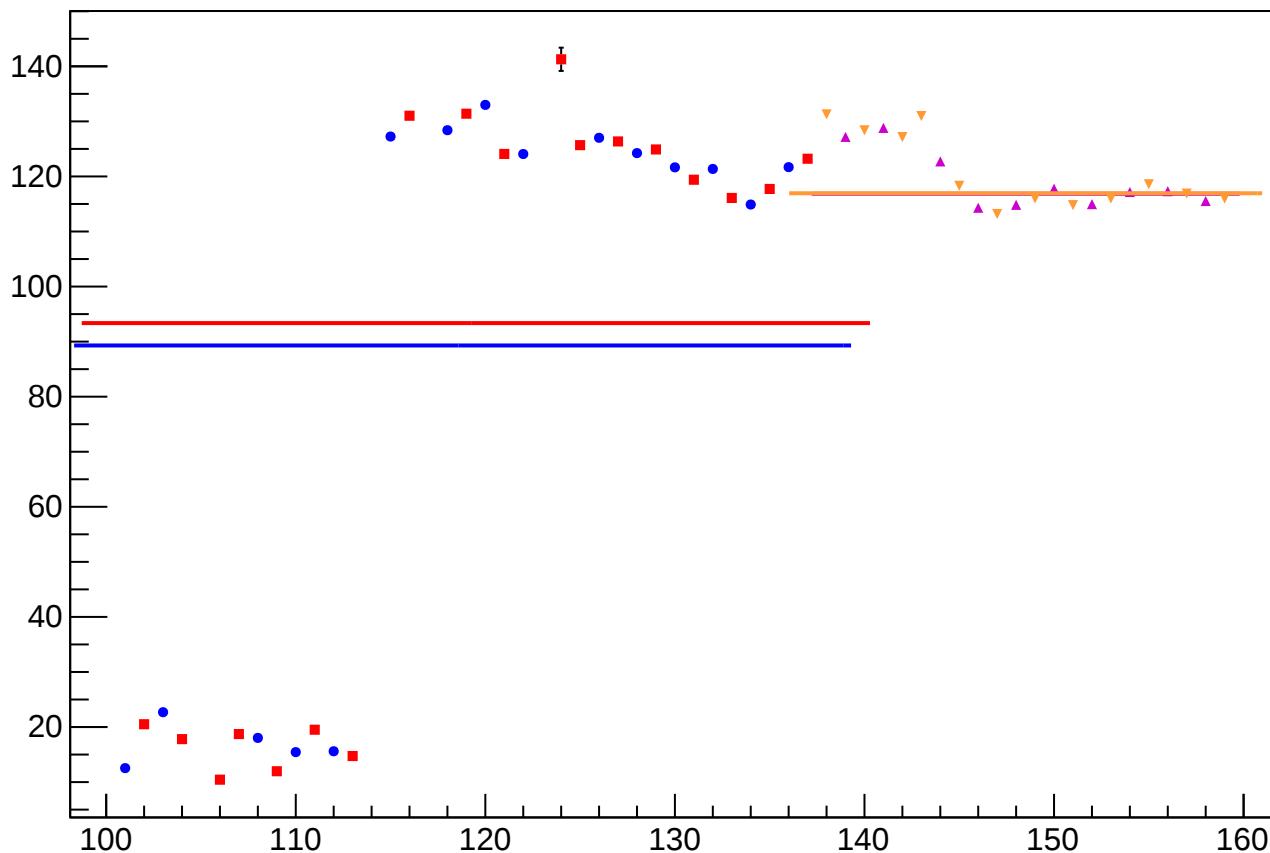
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.873 $\pm$ 0.004 χ^2 /NDF:318221.2/24

Out: 32.974 $\pm$ 0.005 χ^2 /NDF:336456.6/29

All: 32.918 $\pm$ 0.003 χ^2 /NDF: 654934.5/54

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 116.944+/-0.010 χ^2/NDF : 118059.1/11

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 116.850+/-0.010 χ^2/NDF : 41206.3/9

Left: 116.895+/-0.007 χ^2/NDF : 159308.0/21

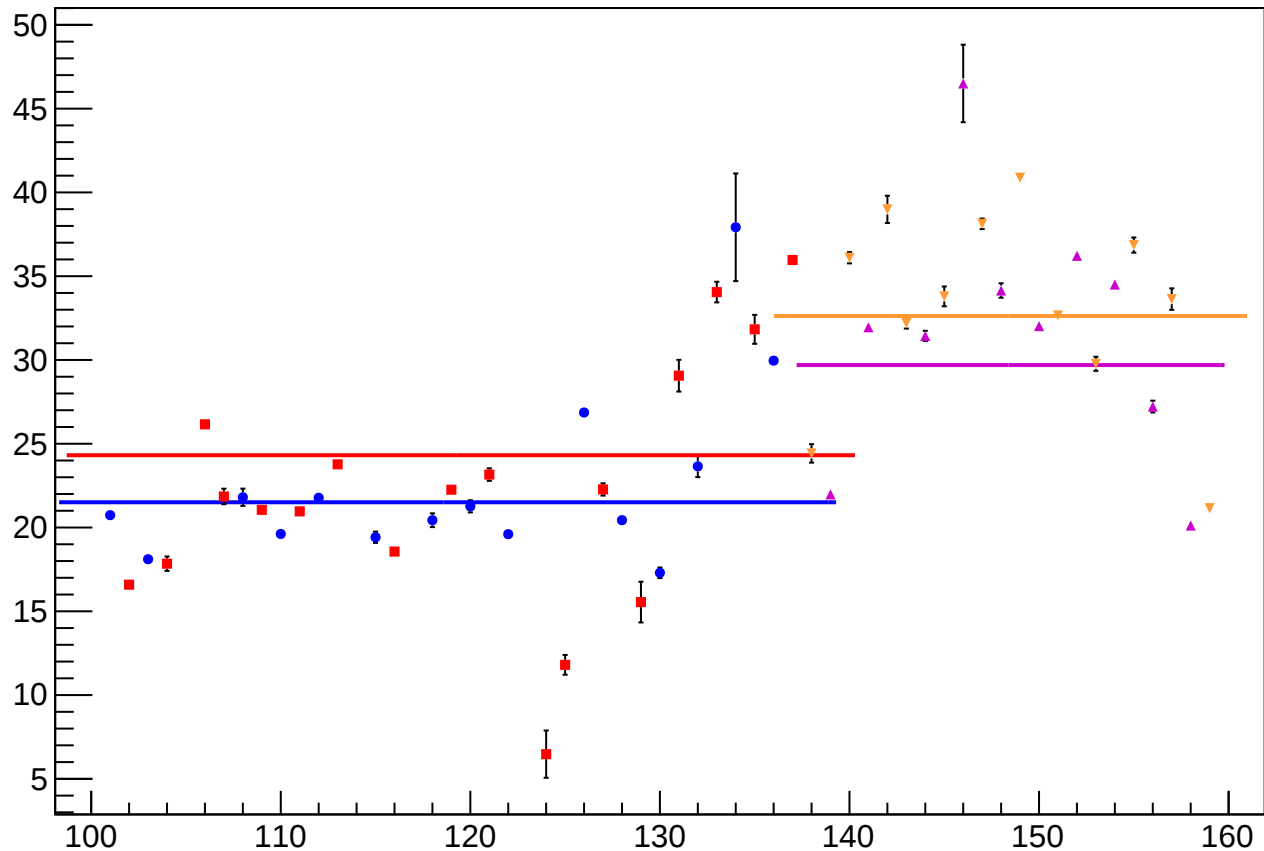
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 113.663+/-0.009 χ^2/NDF : 3967131.9/24

Out: 114.424+/-0.010 χ^2/NDF : 3524300.3/29

All: 114.025+/-0.007 χ^2/NDF : 7494592.1/54

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.623 ± 0.105 χ^2/NDF : 3546.6/11

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 29.696 ± 0.085 χ^2/NDF : 4047.9/9

Left: 30.860 ± 0.066 χ^2/NDF : 8062.4/21

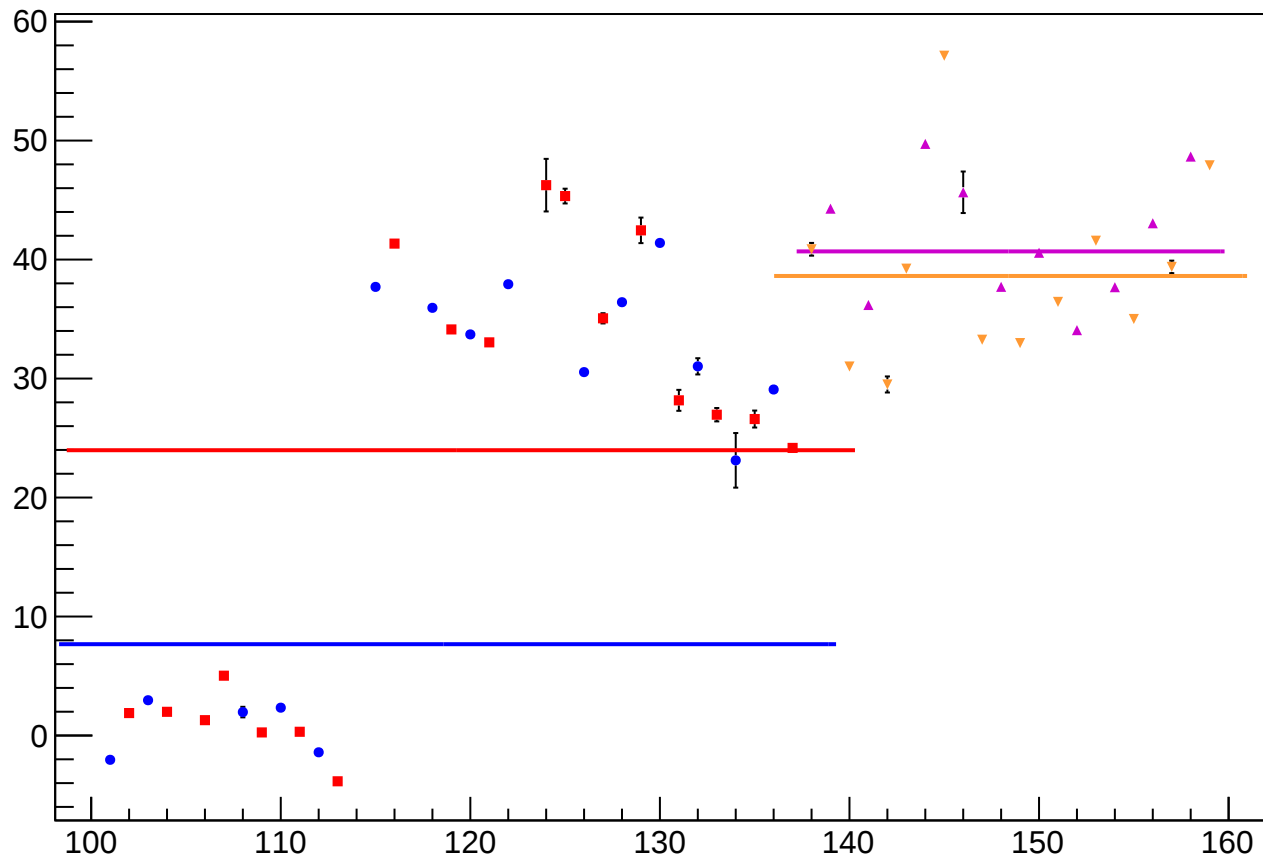
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 24.929 ± 0.055 χ^2/NDF : 12368.5/24

Out: 26.279 ± 0.051 χ^2/NDF : 22618.4/29

All: 25.656 ± 0.037 χ^2/NDF : 35309.1/54

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 38.621+/-0.085 χ^2/NDF : 6143.3/11

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 40.686+/-0.071 χ^2/NDF : 3611.2/9

Left: 39.837+/-0.055 χ^2/NDF : 10098.8/21

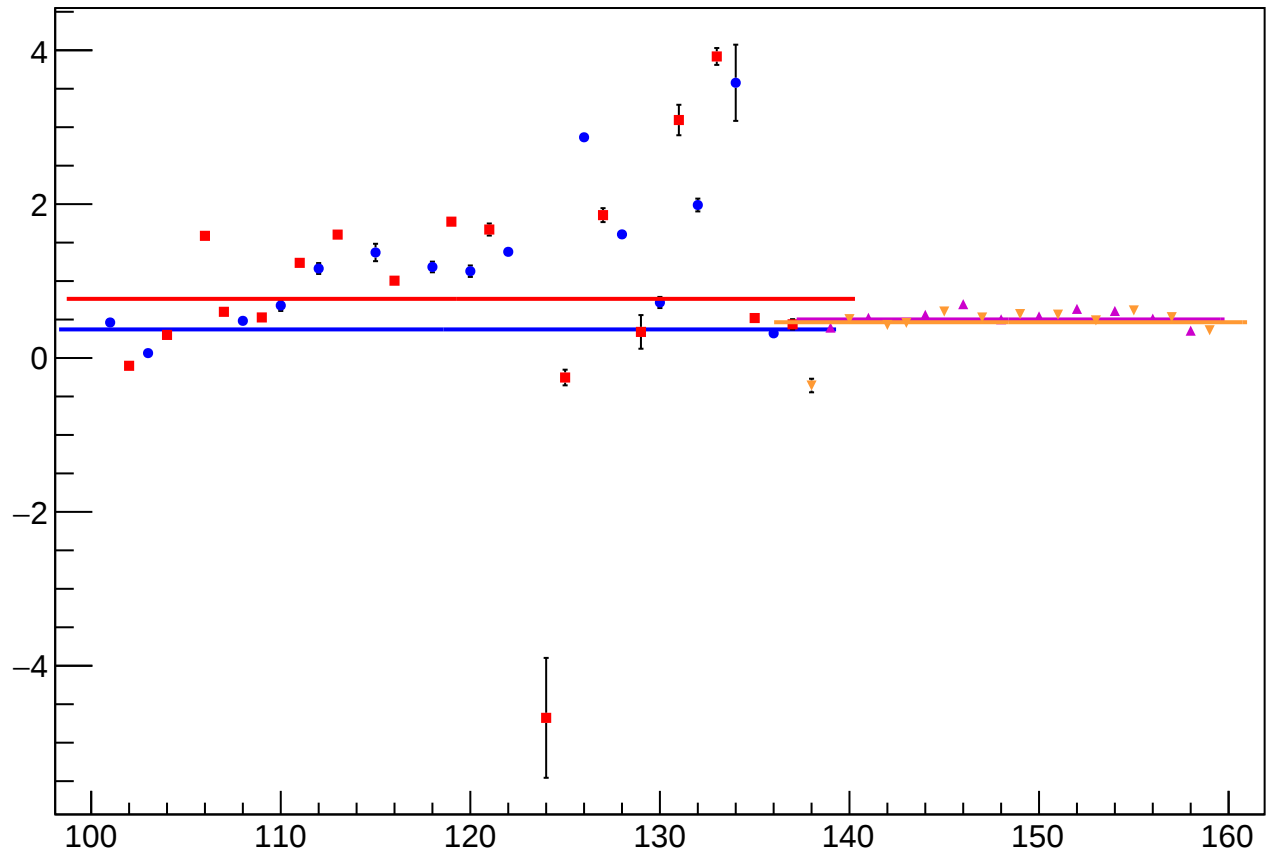
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 17.141+/-0.038 χ^2/NDF : 252765.2/24

Out: 24.110+/-0.008 χ^2/NDF : 145854.9/29

All: 23.808+/-0.008 χ^2/NDF : 430455.3/54

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.465 $\pm$ 0.001 χ^2/NDF : 4630.2/11

Right Out: 0.769 $\pm$ 0.007 χ^2/NDF : 4137.5/17

Left In: 0.501 $\pm$ 0.001 χ^2/NDF : 6132.6/9

Left: 0.483 $\pm$ 0.001 χ^2/NDF : 11113.6/21

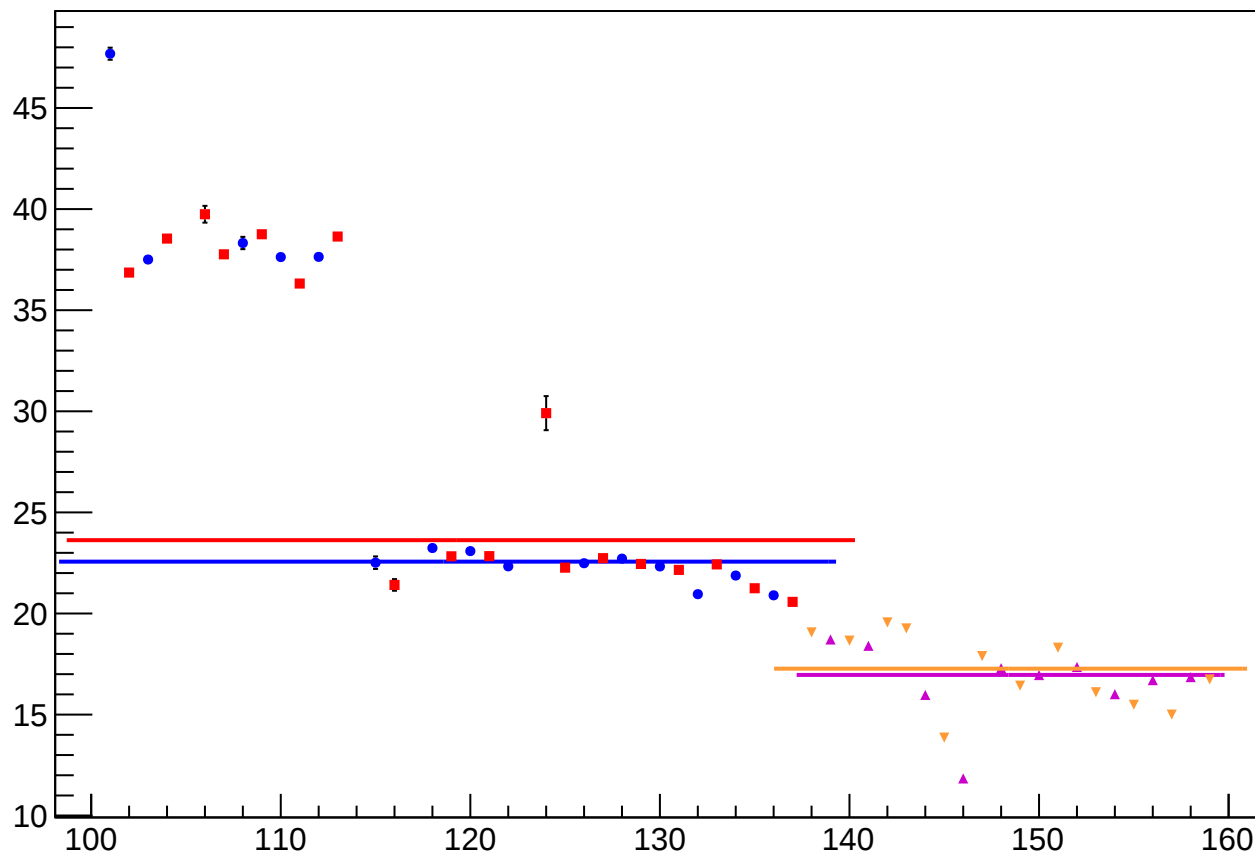
Right: 0.484 $\pm$ 0.004 χ^2/NDF : 11237.9/32

In: 0.489 $\pm$ 0.001 χ^2/NDF : 11685.0/24

Out: 0.476 $\pm$ 0.001 χ^2/NDF : 10616.4/29

All: 0.483 $\pm$ 0.001 χ^2/NDF : 22351.7/54

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.271 ± 0.008 $\chi^2/\text{NDF}: 44197.7/11$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.962 ± 0.009 $\chi^2/\text{NDF}: 12431.9/9$

Left: 17.132 ± 0.006 $\chi^2/\text{NDF}: 57337.5/21$

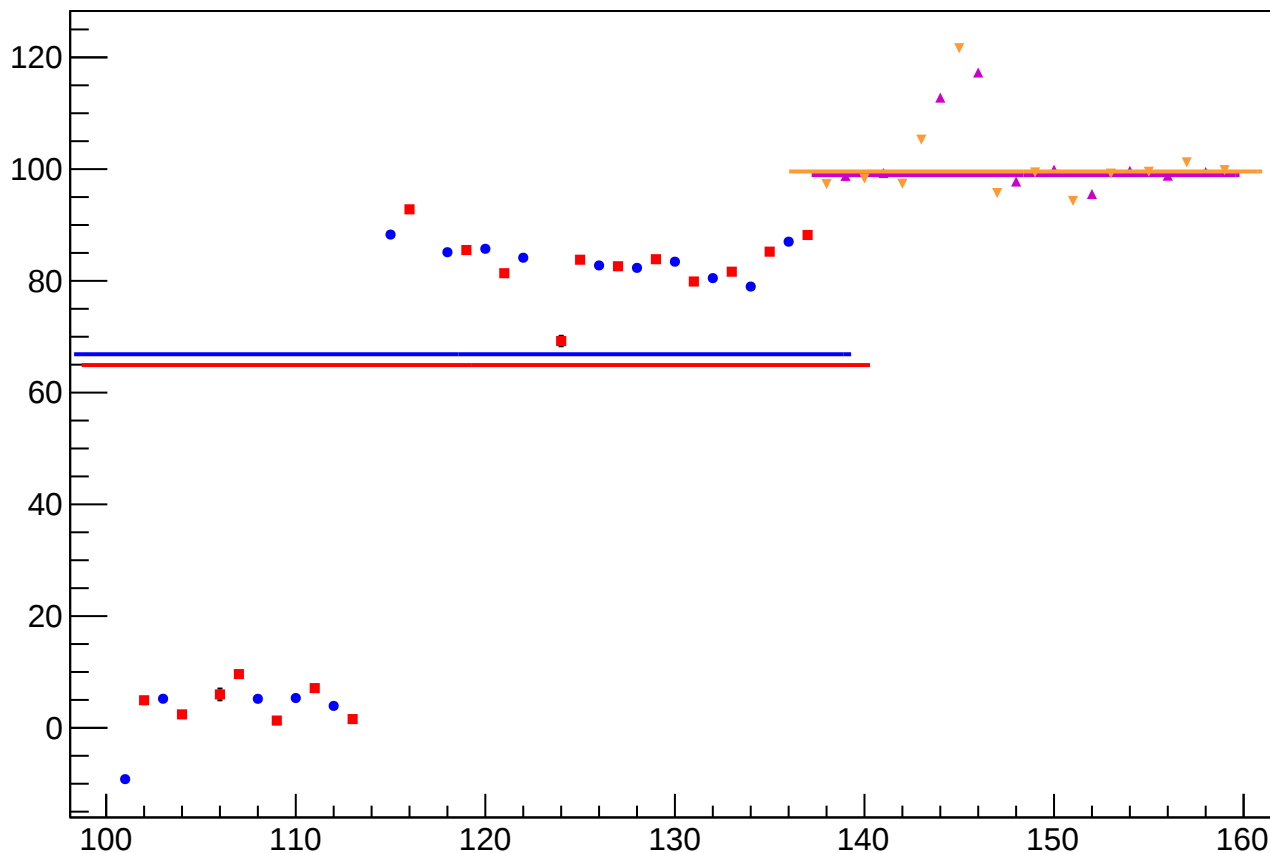
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 19.300 ± 0.007 $\chi^2/\text{NDF}: 282000.9/24$

Out: 19.341 ± 0.006 $\chi^2/\text{NDF}: 383723.4/29$

All: 19.321 ± 0.005 $\chi^2/\text{NDF}: 665743.6/54$

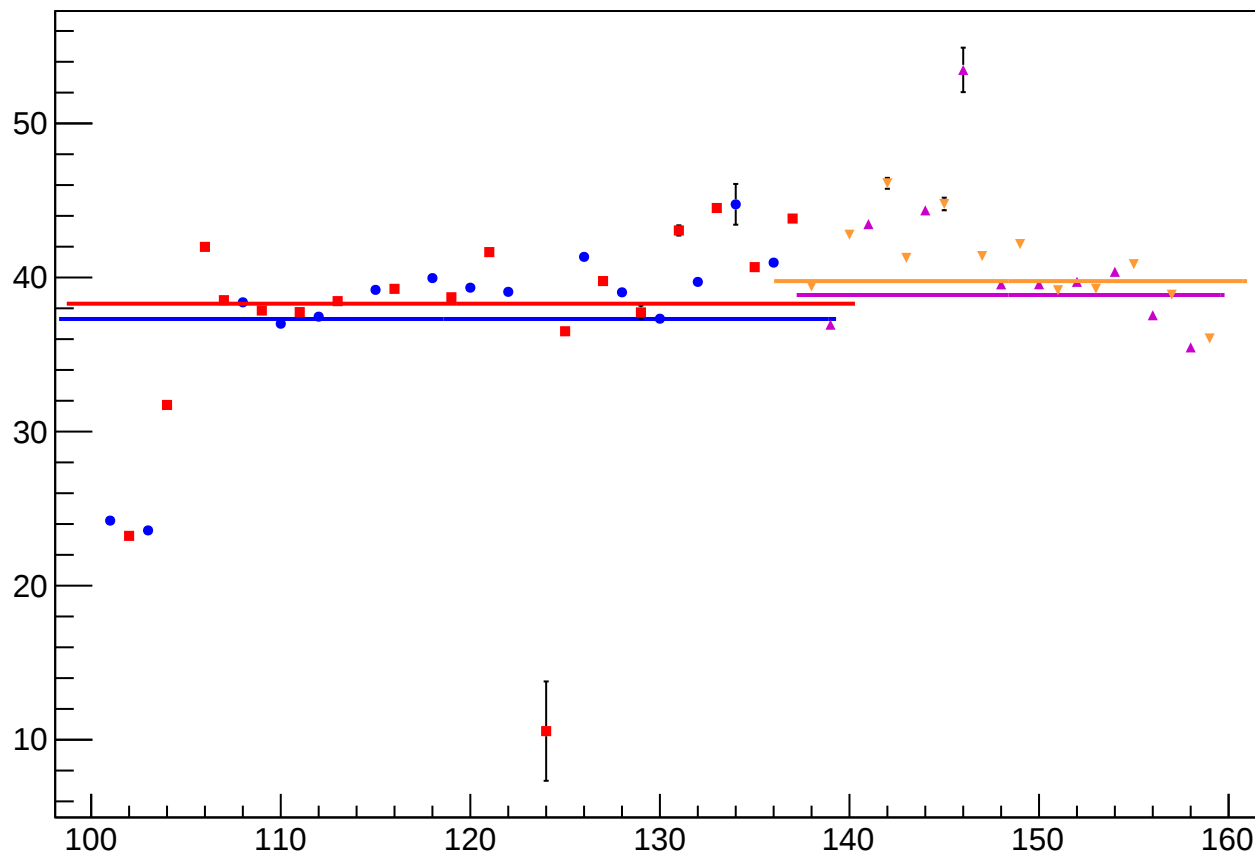
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14
 Left Out: 99.580 $\pm$ 0.015 χ^2 /NDF: 68579.7/11
 Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17
 Left In: 98.938 $\pm$ 0.014 χ^2 /NDF: 14834.5/9

Left: 99.248 $\pm$ 0.010 χ^2 /NDF: 84368.4/21
 Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32
 In: 91.846 $\pm$ 0.013 χ^2 /NDF: 2603123.5/24
 Out: 92.600 $\pm$ 0.013 χ^2 /NDF: 2488098.3/29
 All: 92.205 $\pm$ 0.009 χ^2 /NDF: 5092893.8/54

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.765 ± 0.040 $\chi^2/\text{NDF}: 3623.7/11$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.864 ± 0.031 $\chi^2/\text{NDF}: 5154.5/9$

Left: 39.200 ± 0.025 $\chi^2/\text{NDF}: 9090.4/21$

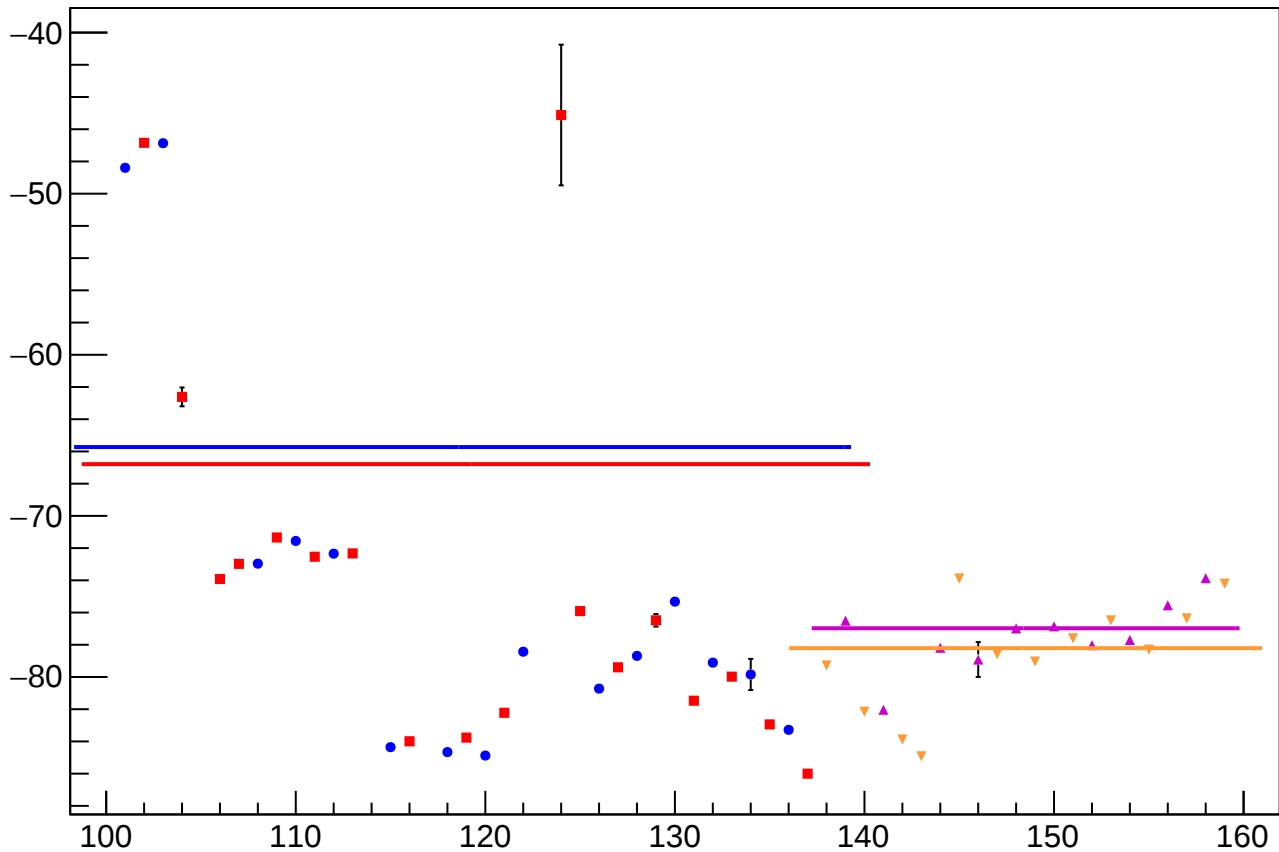
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.859 ± 0.019 $\chi^2/\text{NDF}: 66343.7/24$

Out: 38.600 ± 0.018 $\chi^2/\text{NDF}: 23510.1/29$

All: 38.235 ± 0.013 $\chi^2/\text{NDF}: 90663.9/54$

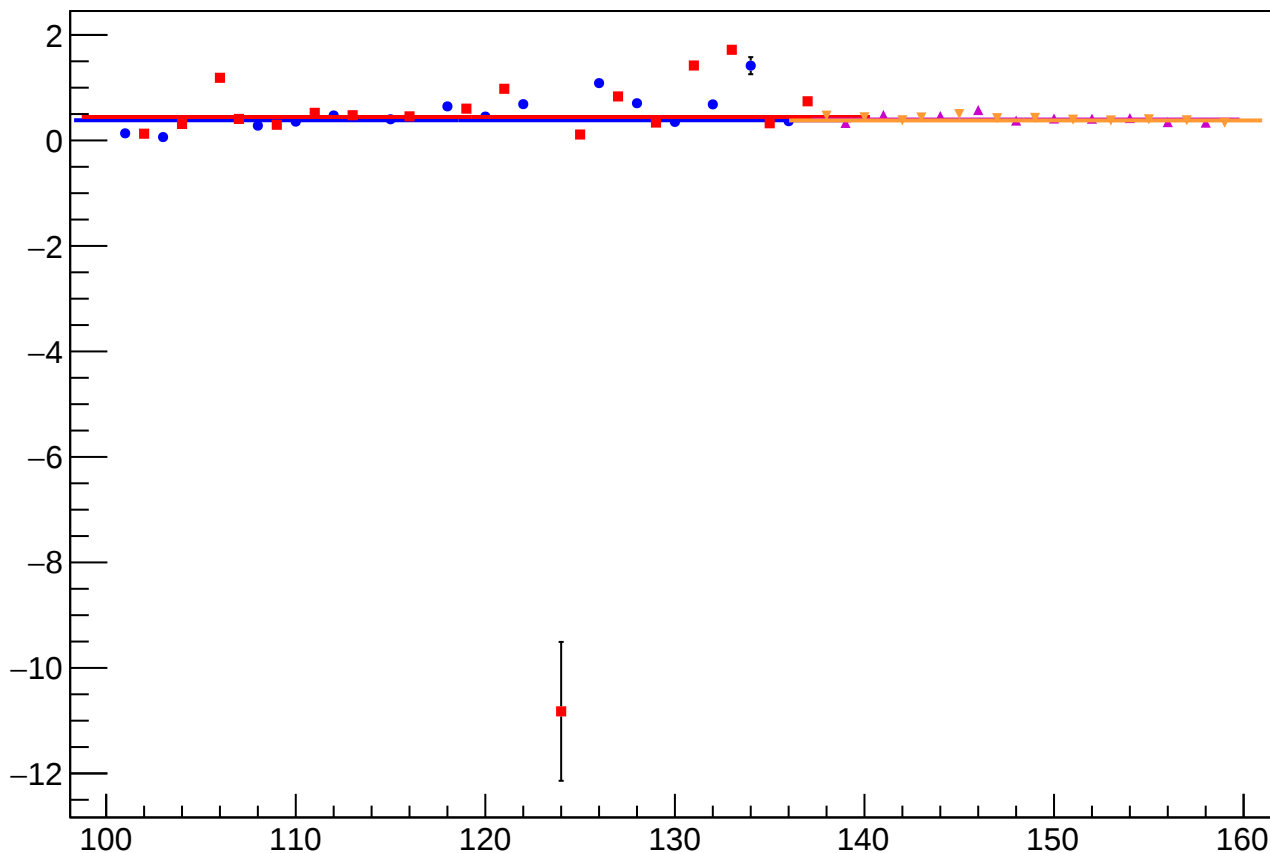
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -78.211 ± 0.033 $\chi^2/\text{NDF}: 10601.5/11$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.975 ± 0.025 $\chi^2/\text{NDF}: 4285.9/9$

Left: -77.420 ± 0.020 $\chi^2/\text{NDF}: 15759.2/21$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.216 ± 0.014 $\chi^2/\text{NDF}: 1045535.1/24$
 Out: -68.870 ± 0.014 $\chi^2/\text{NDF}: 915128.0/29$
 All: -69.047 ± 0.010 $\chi^2/\text{NDF}: 1960962.7/54$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.379 $\pm$ 0.001 χ^2 /NDF: 4962.9/11

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 5092.6/9

Left: 0.388 $\pm$ 0.000 χ^2 /NDF: 10435.3/21

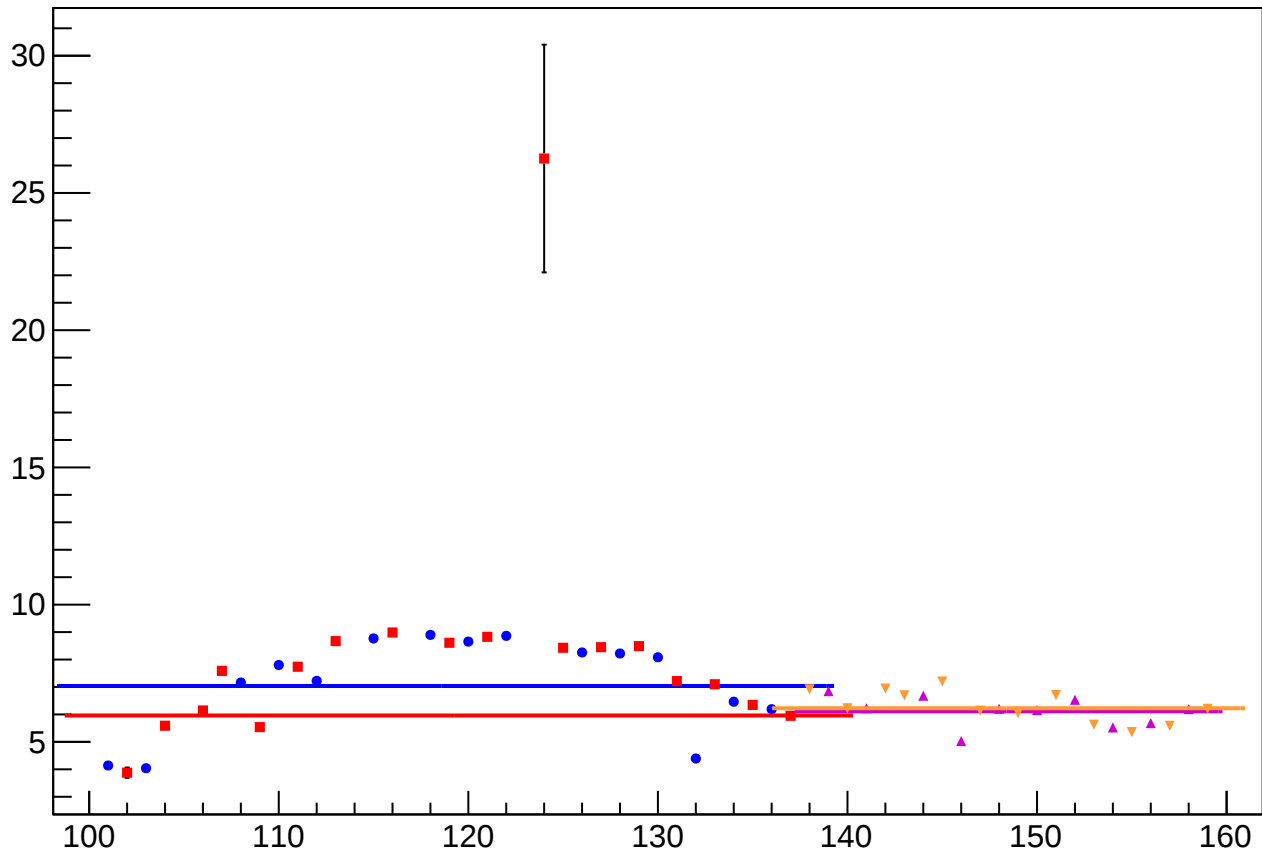
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.001 χ^2 /NDF: 13311.7/24

Out: 0.381 $\pm$ 0.001 χ^2 /NDF: 8055.4/29

All: 0.388 $\pm$ 0.000 χ^2 /NDF: 21637.6/54

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.226+/-0.002 χ^2/NDF : 24701.2/11

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.114+/-0.002 χ^2/NDF : 27710.7/9

Left: 6.167+/-0.001 χ^2/NDF : 53963.8/21

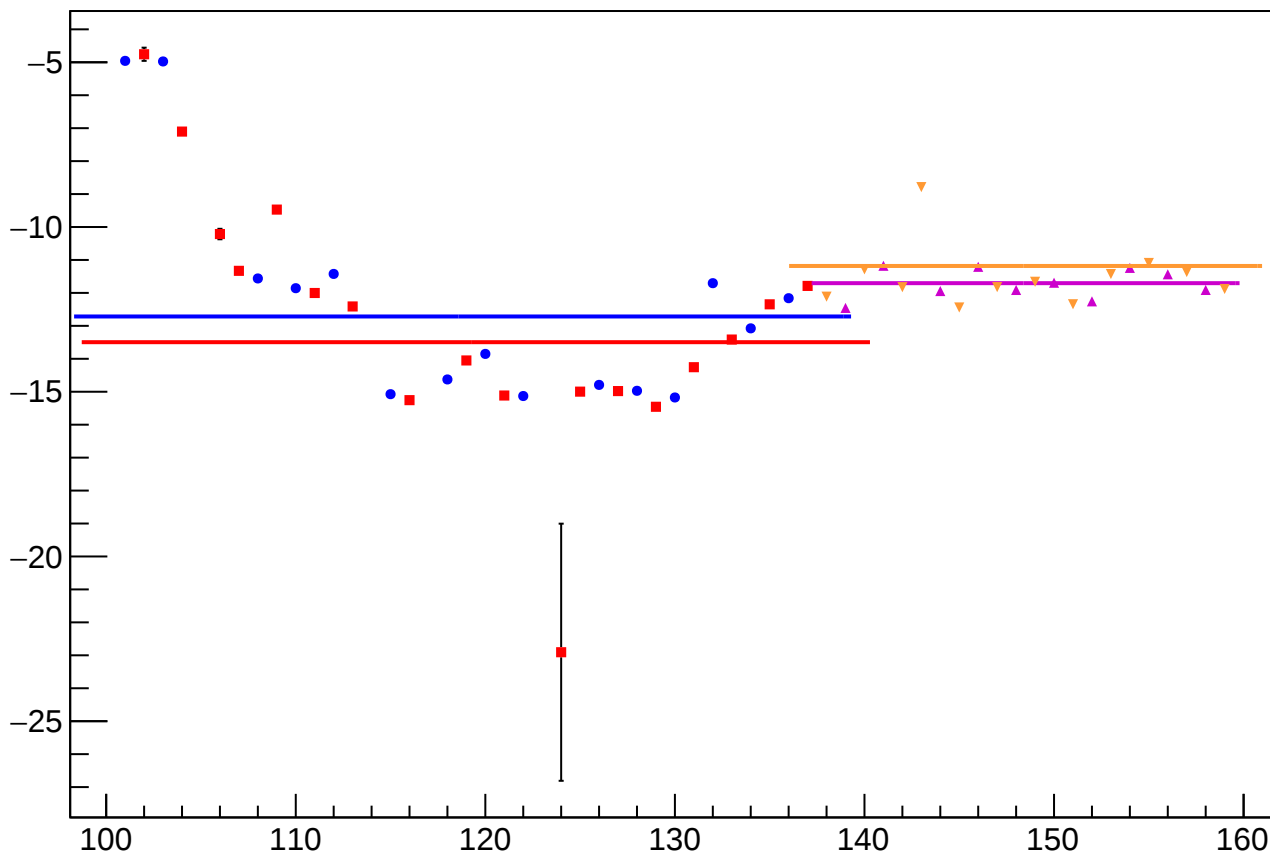
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.260+/-0.002 χ^2/NDF : 132642.2/24

Out: 5.972+/-0.000 χ^2/NDF : 209049.3/29

All: 5.985+/-0.000 χ^2/NDF : 366132.7/54

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.182 ± 0.003 χ^2/NDF : 191295.9/11

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.704 ± 0.003 χ^2/NDF : 12085.4/9

Left: -11.455 ± 0.002 χ^2/NDF : 222139.1/21

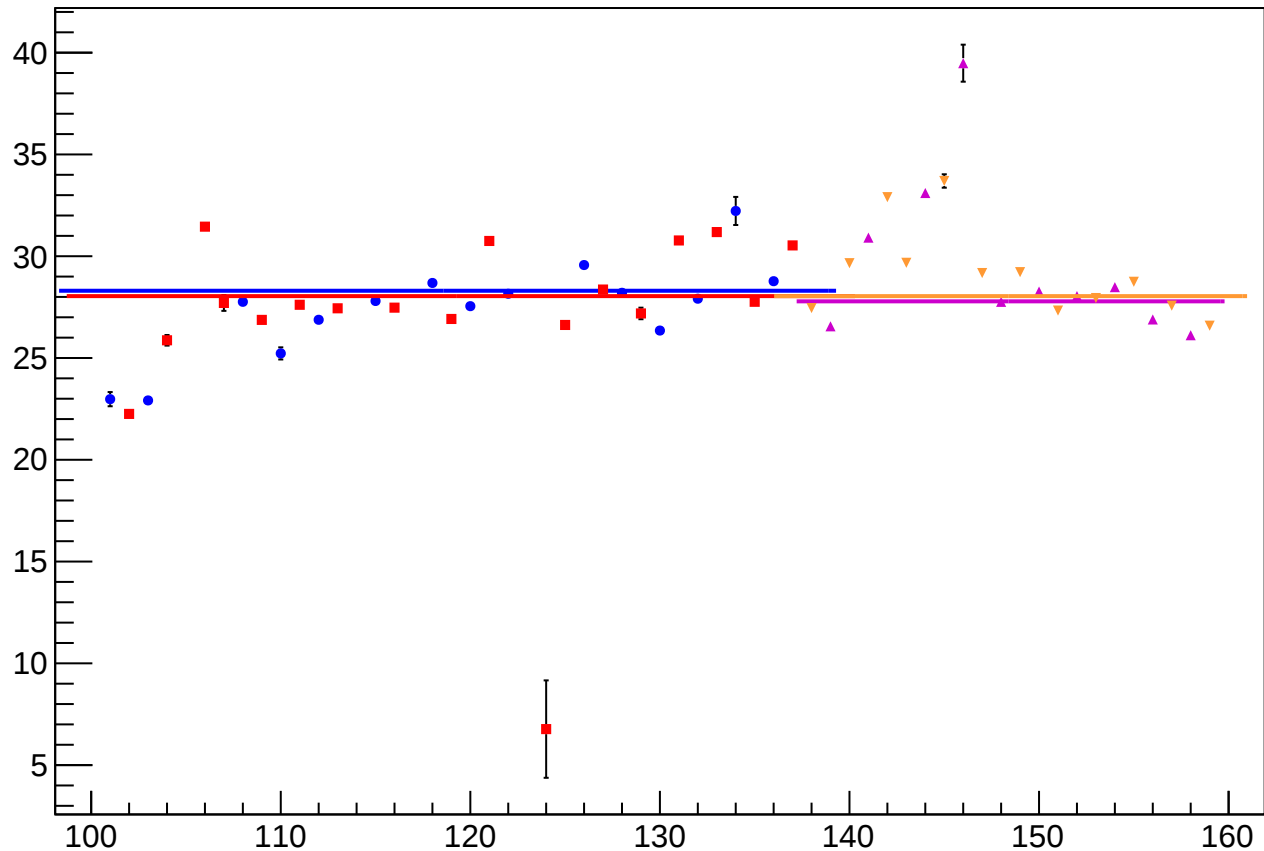
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.852 ± 0.002 χ^2/NDF : 118760.4/24

Out: -11.606 ± 0.002 χ^2/NDF : 376502.1/29

All: -11.732 ± 0.002 χ^2/NDF : 500239.0/54

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.040 ± 0.023 $\chi^2/\text{NDF}: 3306.2/11$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.783 ± 0.020 $\chi^2/\text{NDF}: 4396.8/9$

Left: 27.891 ± 0.015 $\chi^2/\text{NDF}: 7774.2/21$

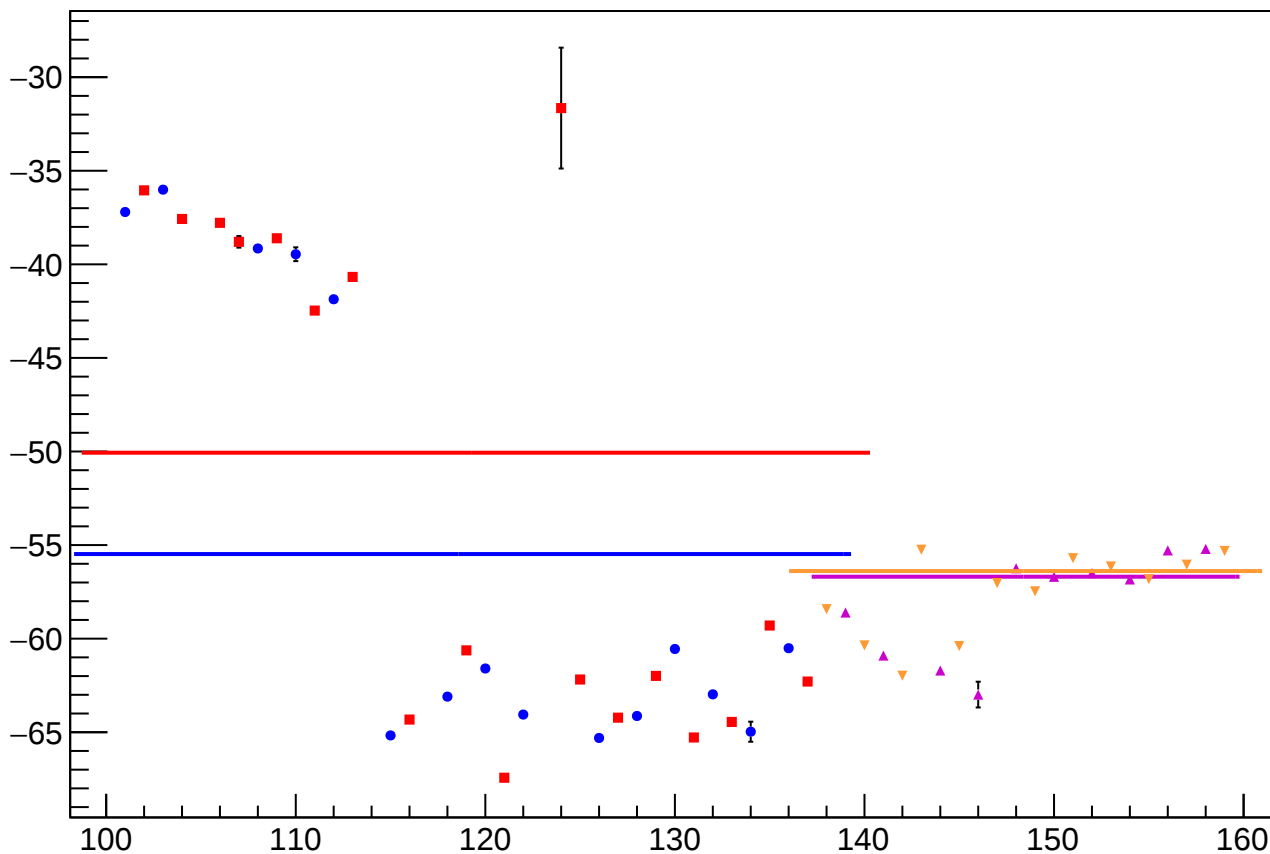
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.003 ± 0.015 $\chi^2/\text{NDF}: 8091.3/24$

Out: 28.040 ± 0.018 $\chi^2/\text{NDF}: 5867.7/29$

All: 28.017 ± 0.012 $\chi^2/\text{NDF}: 13961.4/54$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -56.388 ± 0.020 χ^2/NDF : 5555.4/11

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -56.691 ± 0.017 χ^2/NDF : 6861.9/9

Left: -56.565 ± 0.013 χ^2/NDF : 12554.2/21

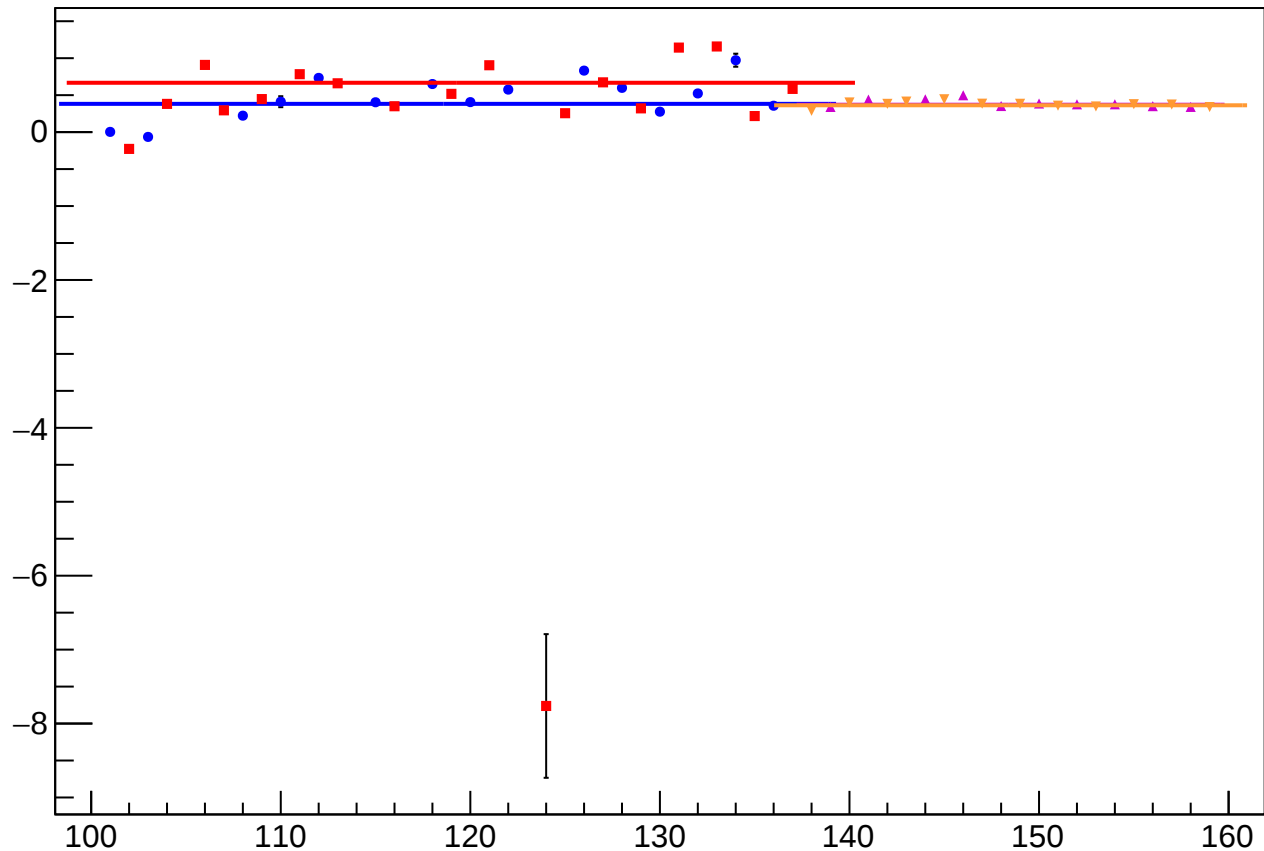
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.083 ± 0.012 χ^2/NDF : 604662.8/24

Out: -53.722 ± 0.015 χ^2/NDF : 388887.1/29

All: -55.187 ± 0.009 χ^2/NDF : 1008893.9/54

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 3425.4/11$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.371 ± 0.000 $\chi^2/\text{NDF}: 3527.7/9$

Left: 0.367 ± 0.000 $\chi^2/\text{NDF}: 7103.8/21$

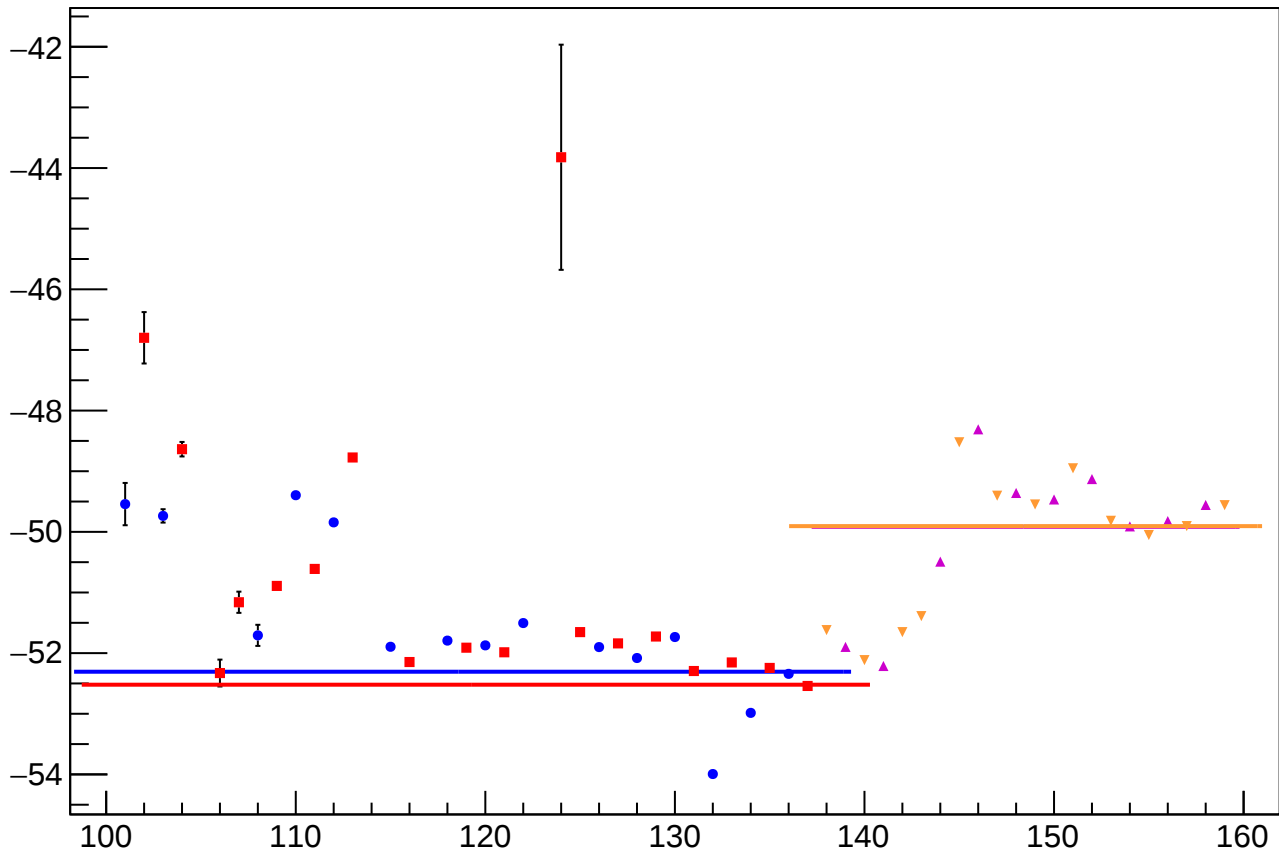
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.371 ± 0.000 $\chi^2/\text{NDF}: 8173.7/24$

Out: 0.366 ± 0.000 $\chi^2/\text{NDF}: 11462.4/29$

All: 0.369 ± 0.000 $\chi^2/\text{NDF}: 19719.3/54$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.906 $\pm$ 0.002 χ^2 /NDF:158891.5/11

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.917 $\pm$ 0.002 χ^2 /NDF:224230.1/9

Left: -49.911 $\pm$ 0.001 χ^2 /NDF: 383139.3/21

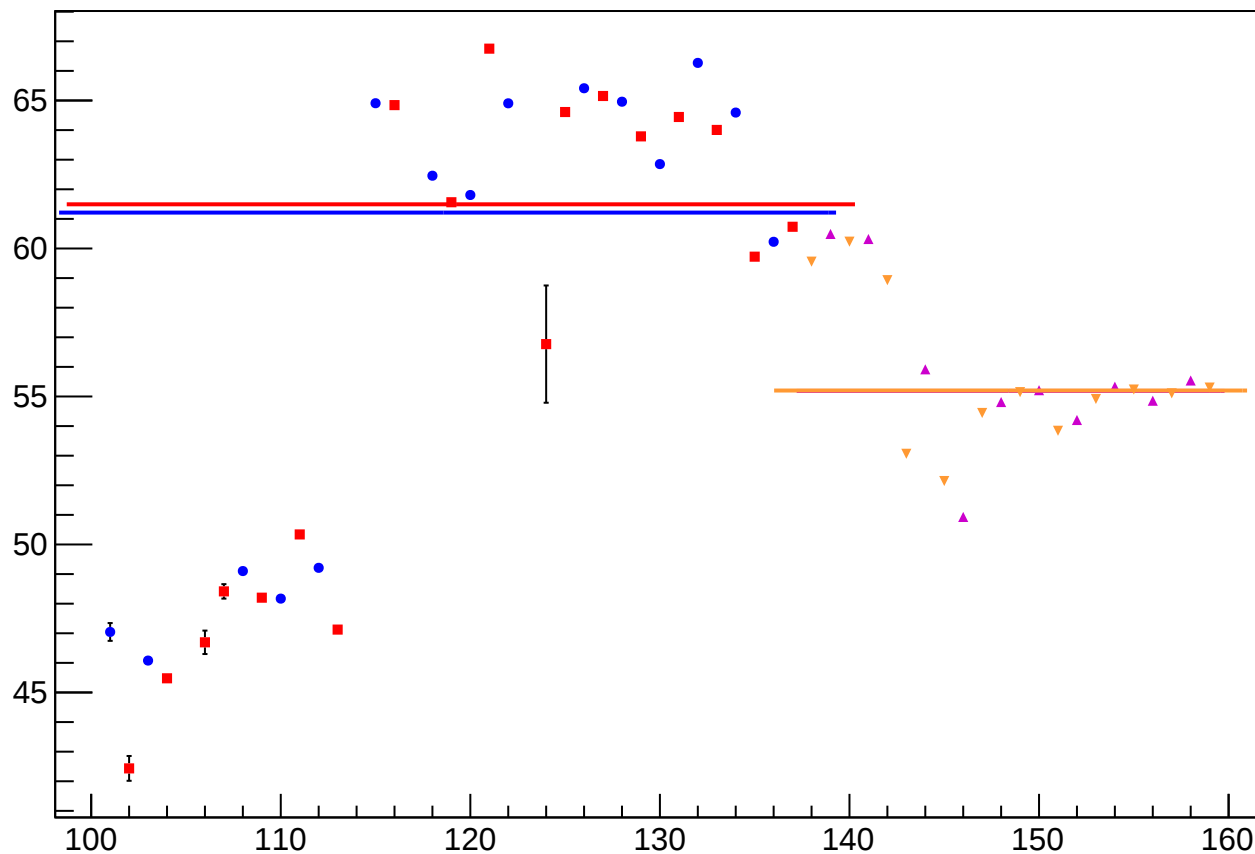
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.366 $\pm$ 0.002 χ^2 /NDF:557706.6/24

Out: -51.862 $\pm$ 0.001 χ^2 /NDF:1589785.5/29

All: -51.497 $\pm$ 0.001 χ^2 /NDF: 2746400.8/54

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.201 ± 0.004 χ^2/NDF : 194629.3/11

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.187 ± 0.003 χ^2/NDF : 60920.4/9

Left: 55.193 ± 0.003 χ^2/NDF : 255558.0/21

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.794 ± 0.003 χ^2/NDF : 548871.8/24

Out: 56.751 ± 0.003 χ^2/NDF : 1099317.5/29

All: 56.246 ± 0.002 χ^2/NDF : 1691707.8/54

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

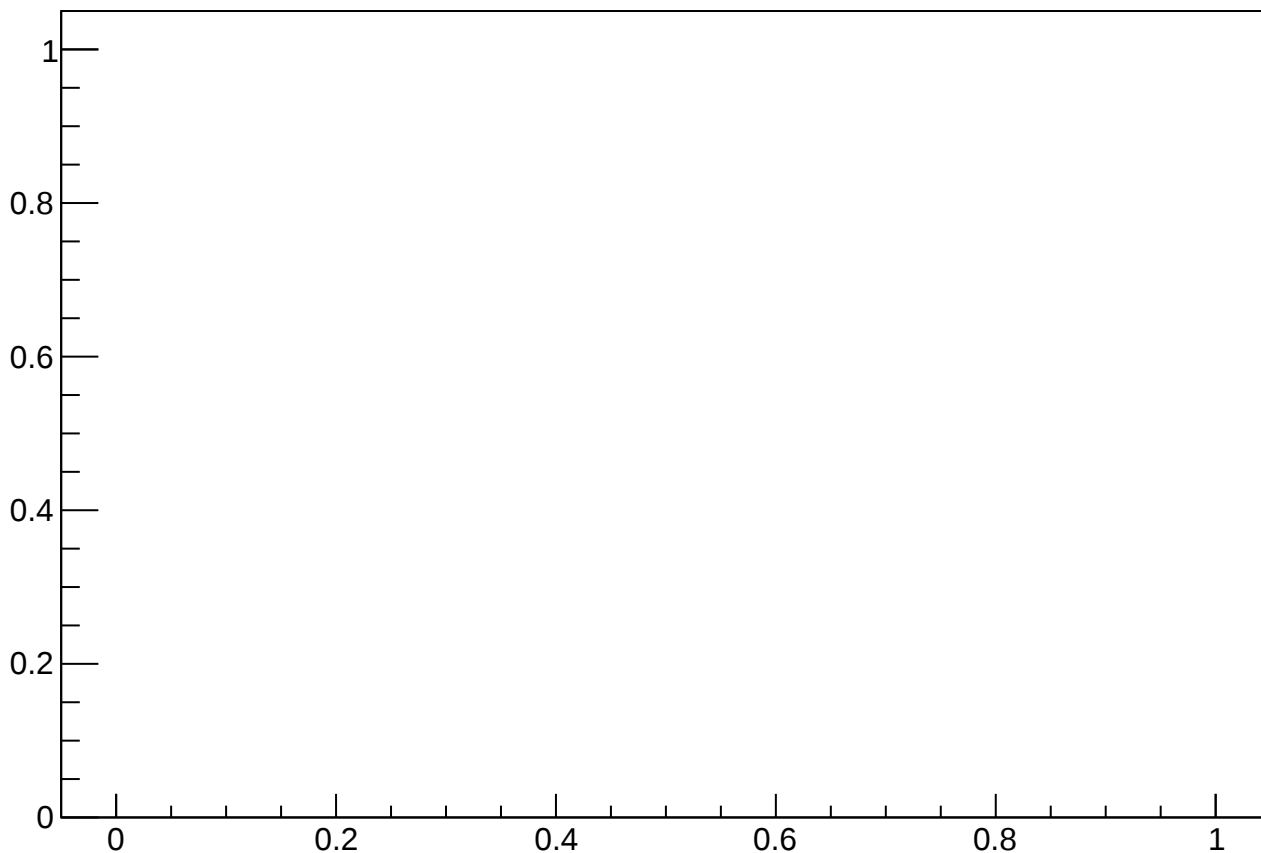
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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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_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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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_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

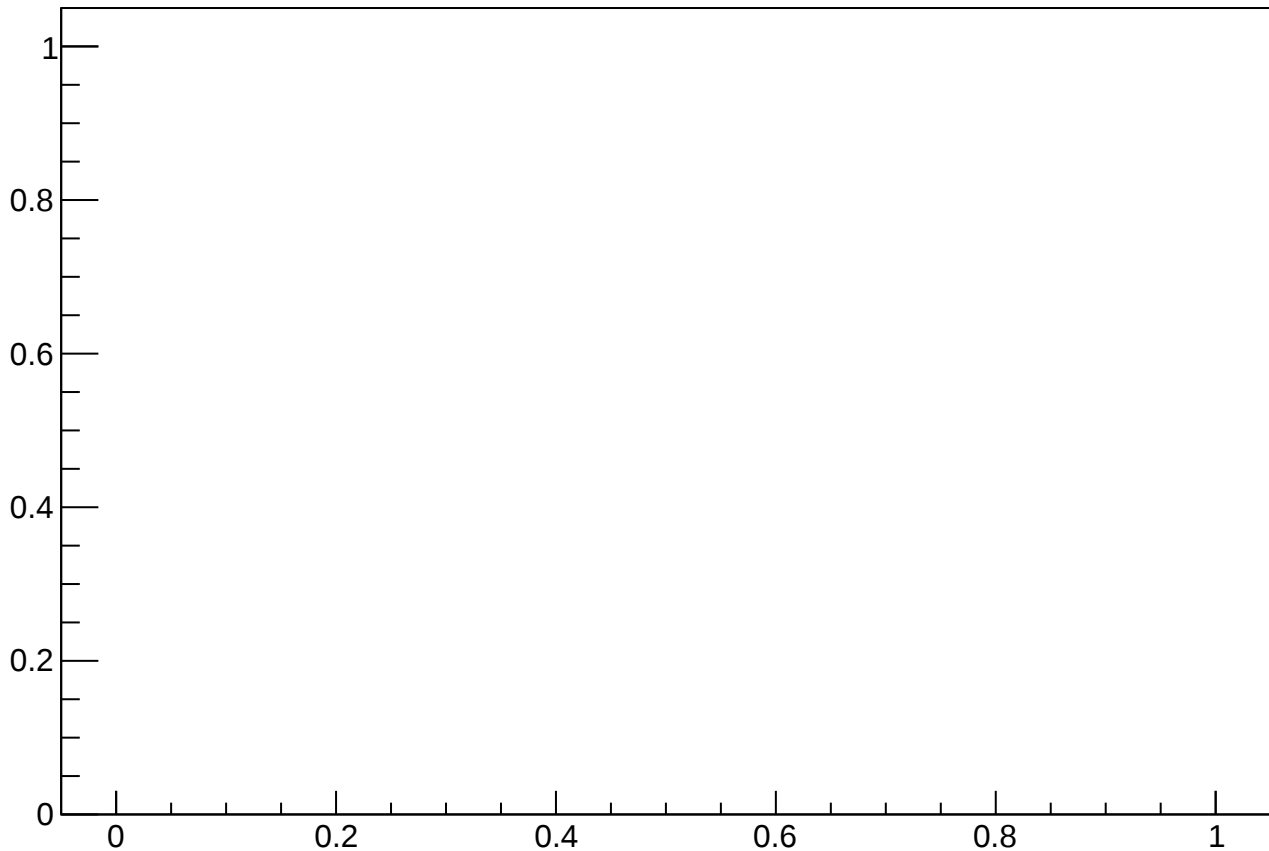
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

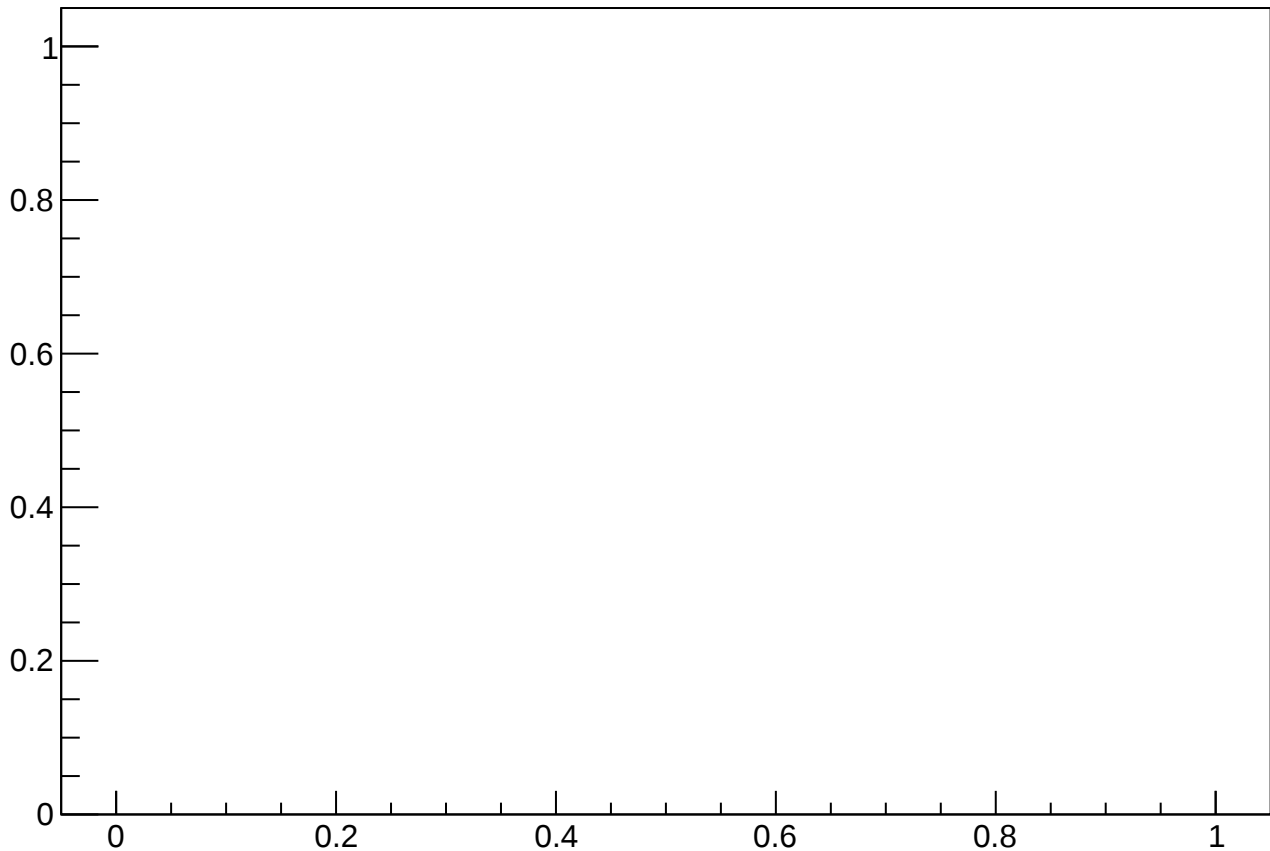
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

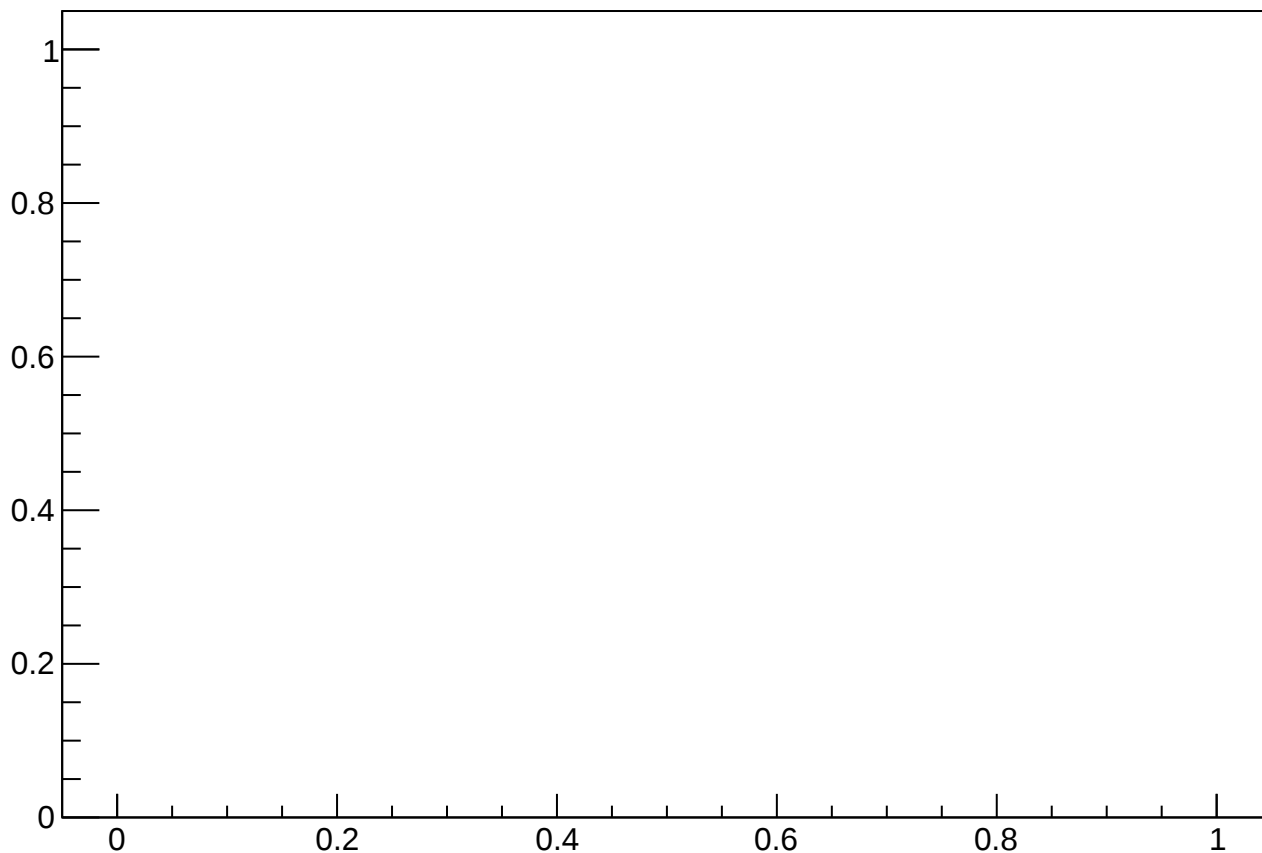
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

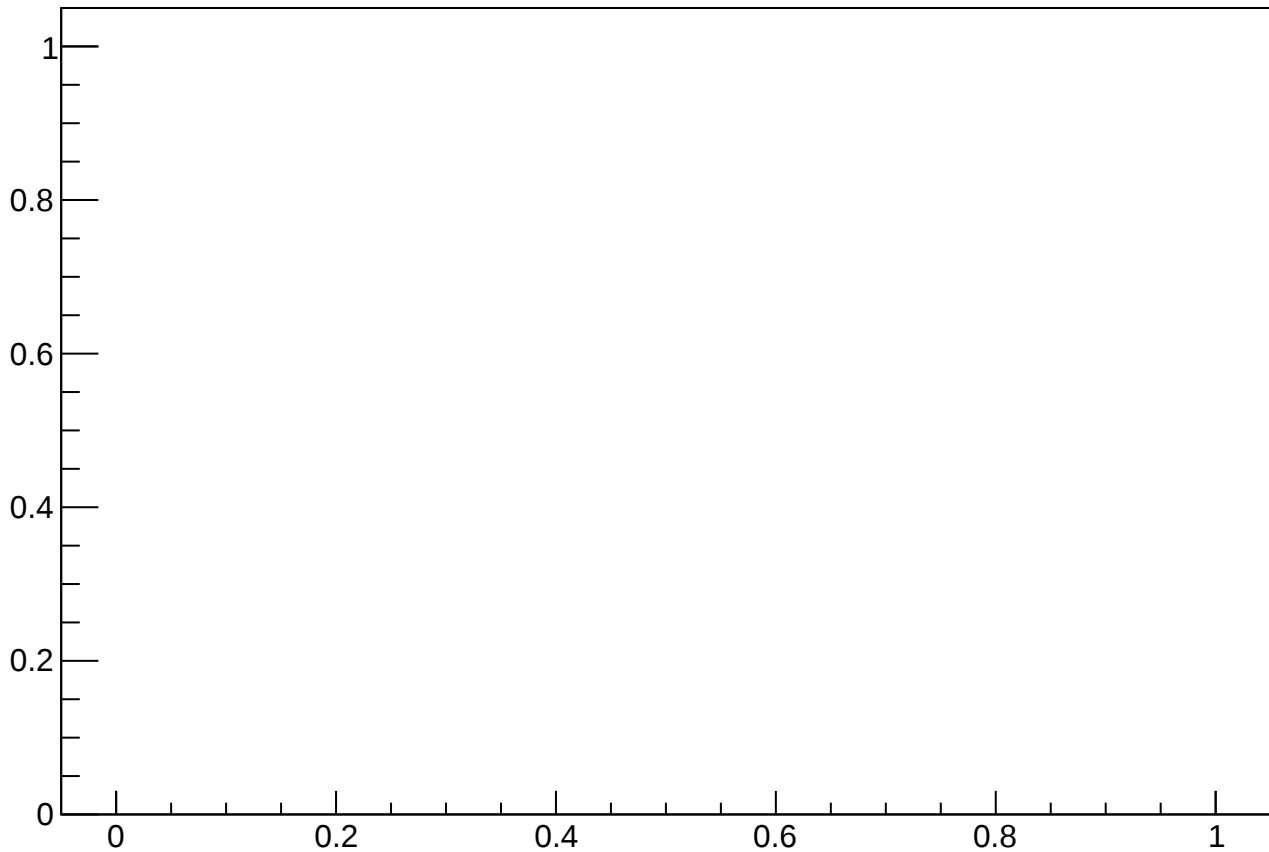
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

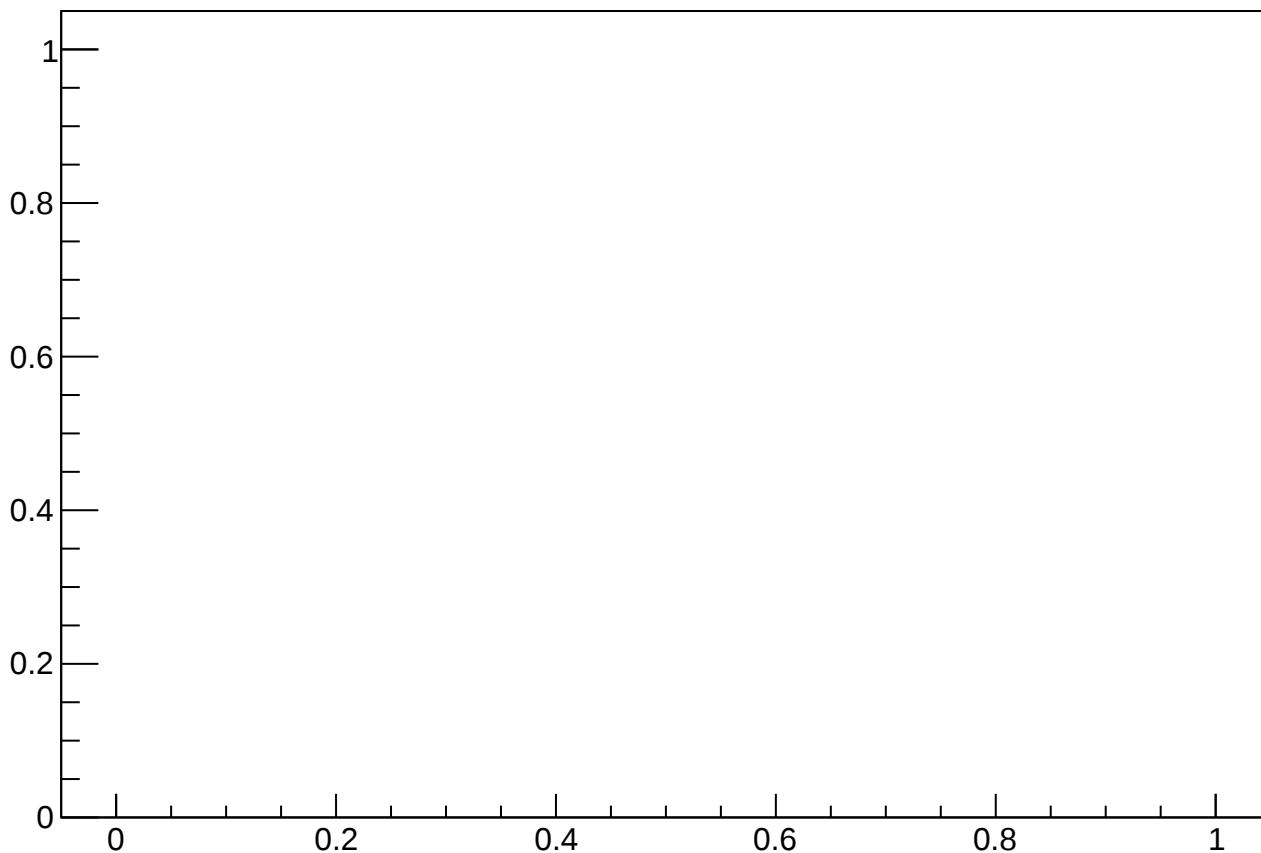
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

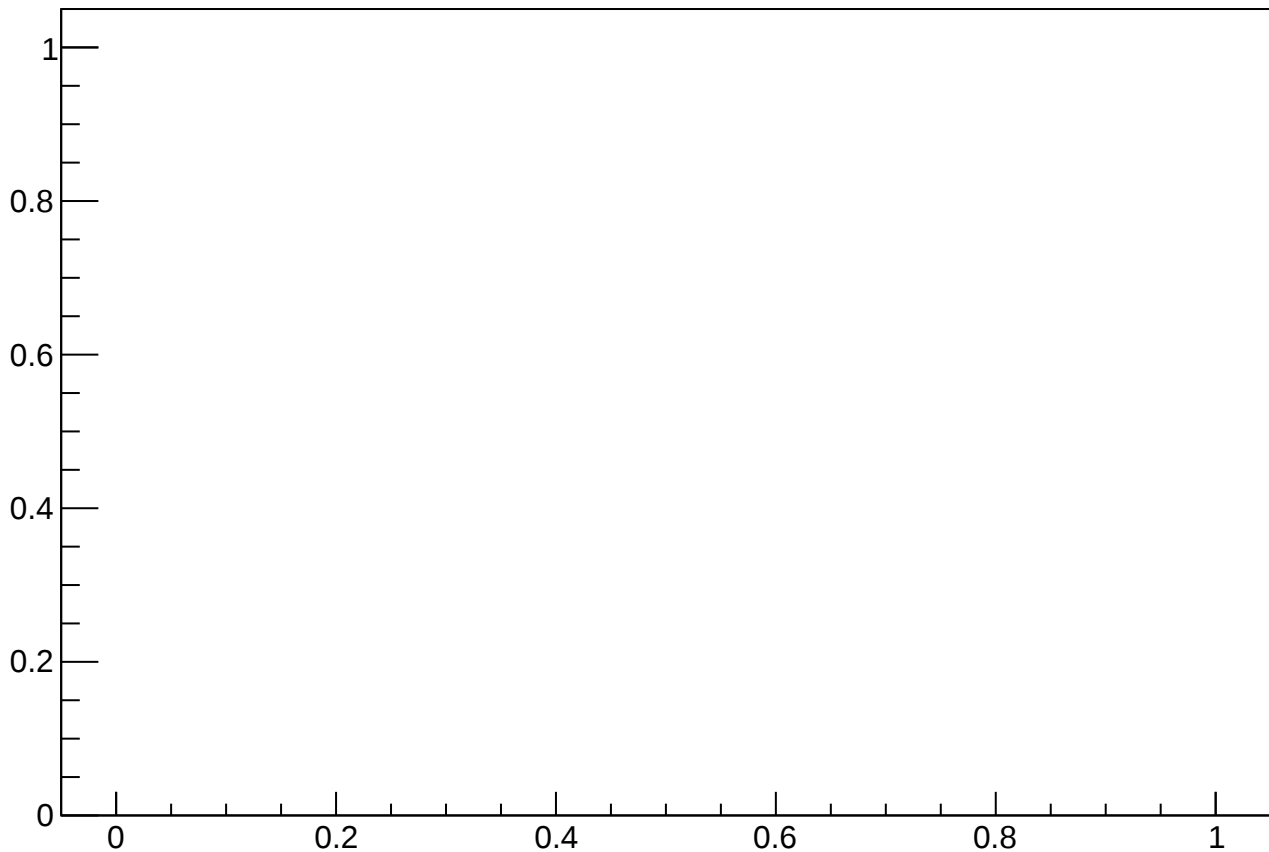
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

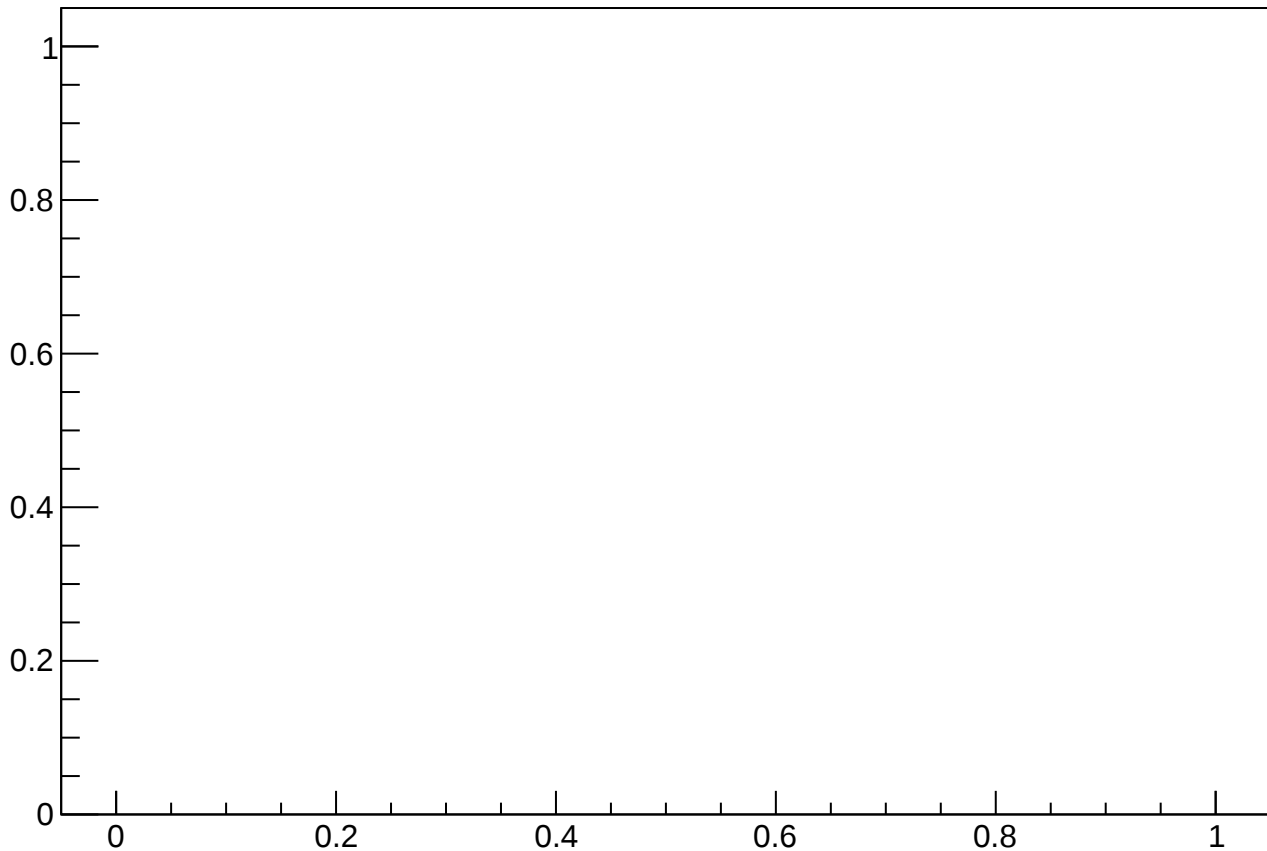
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

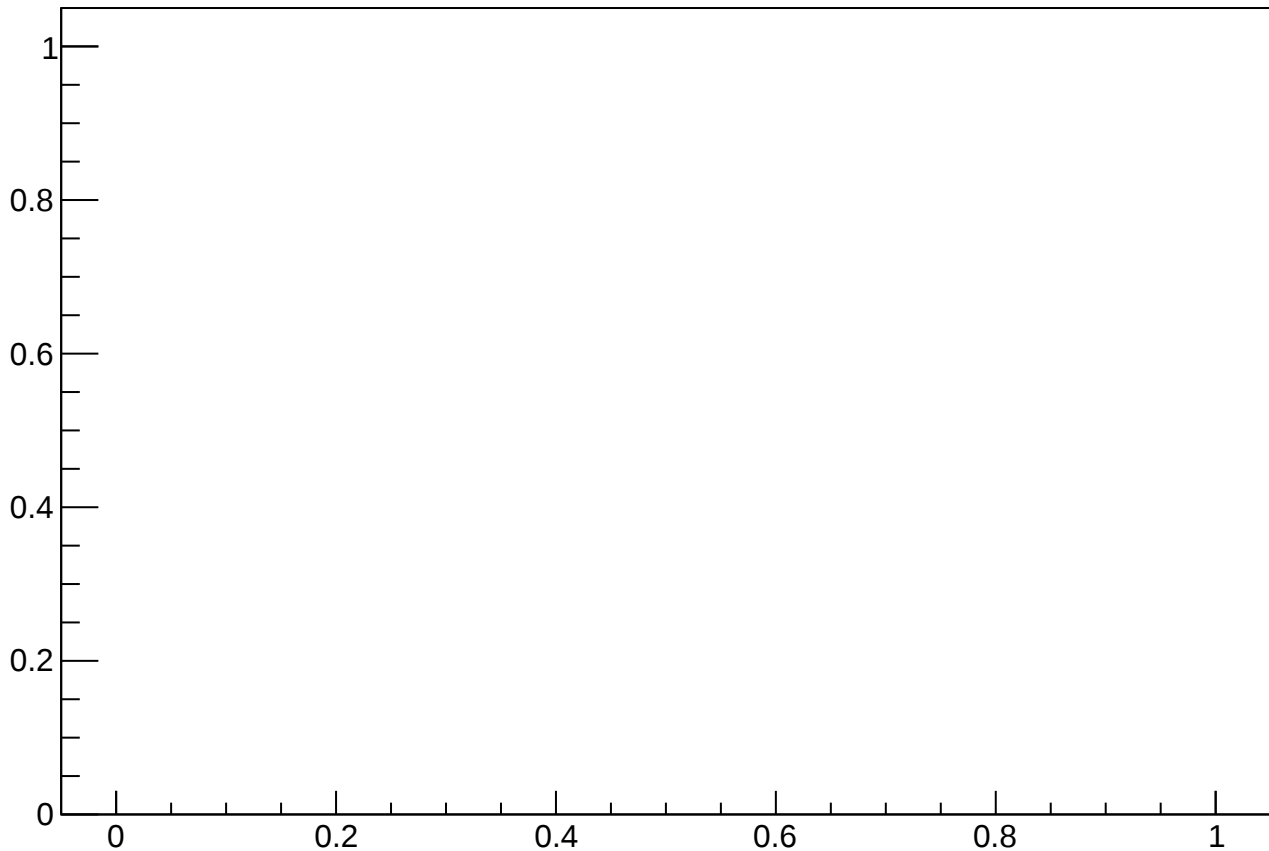
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

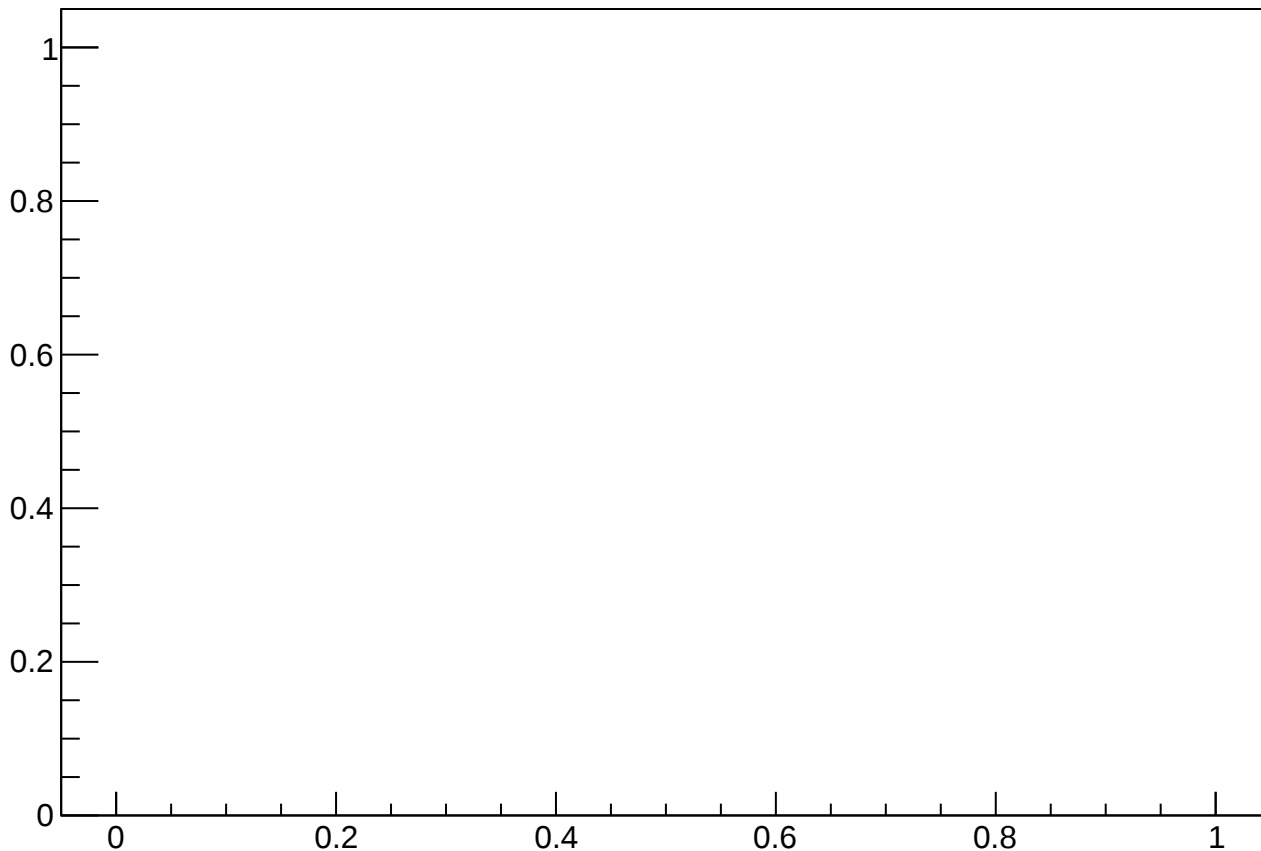
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

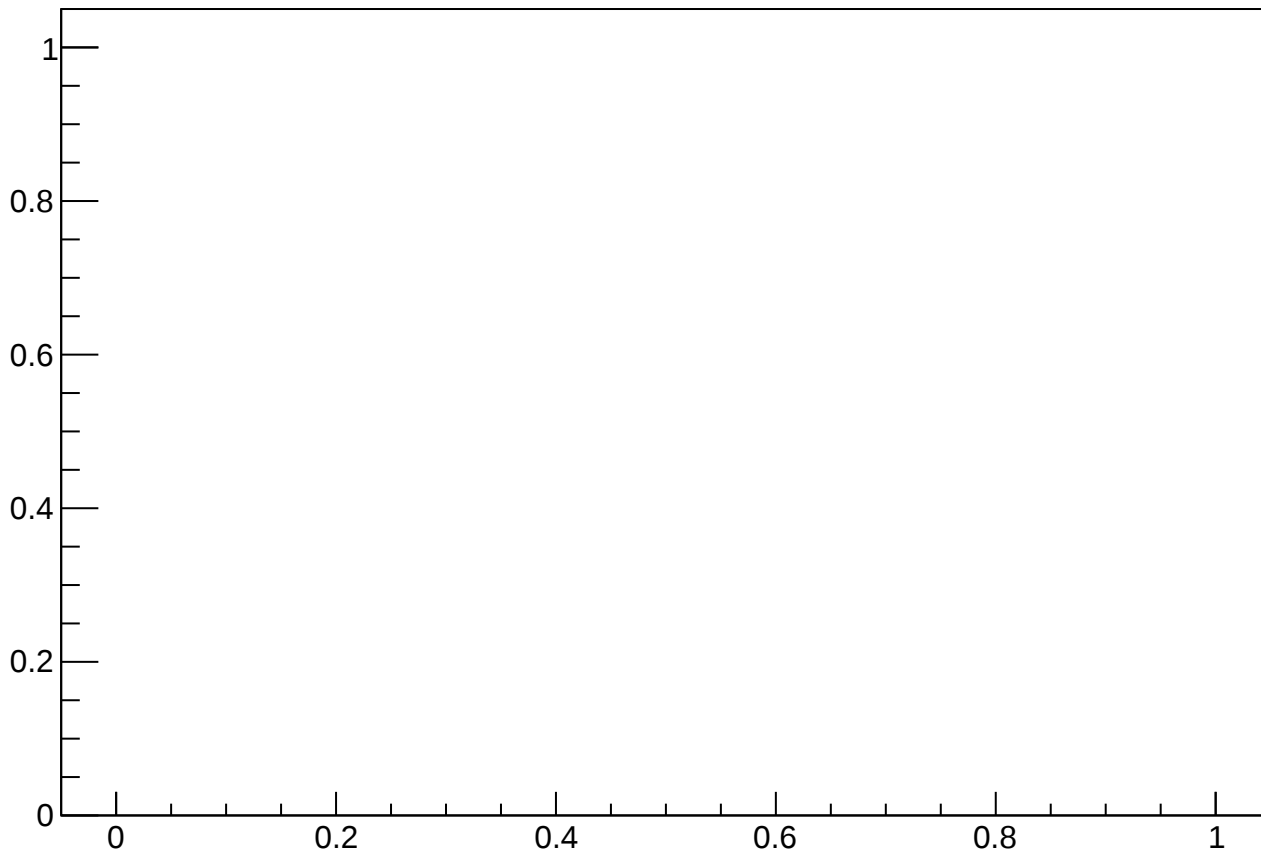
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

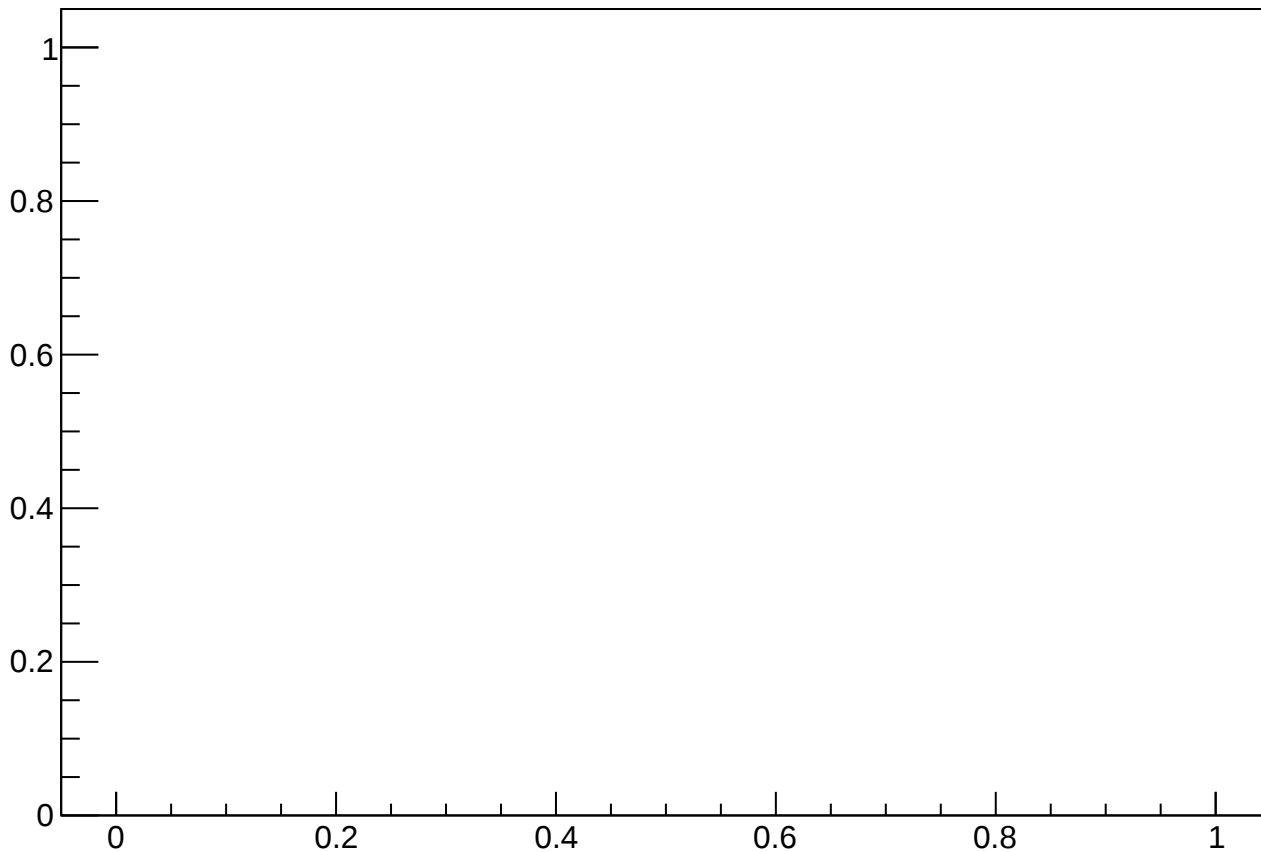
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

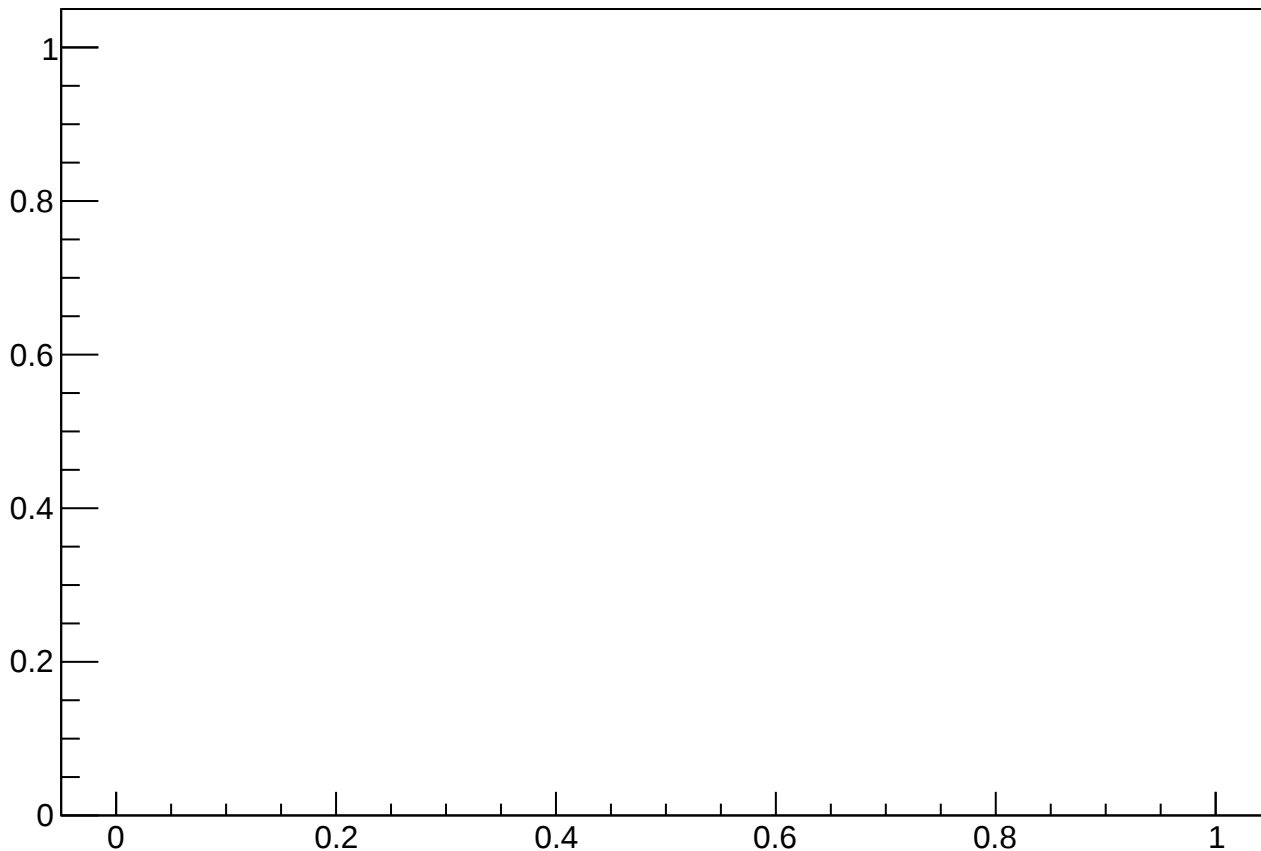
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

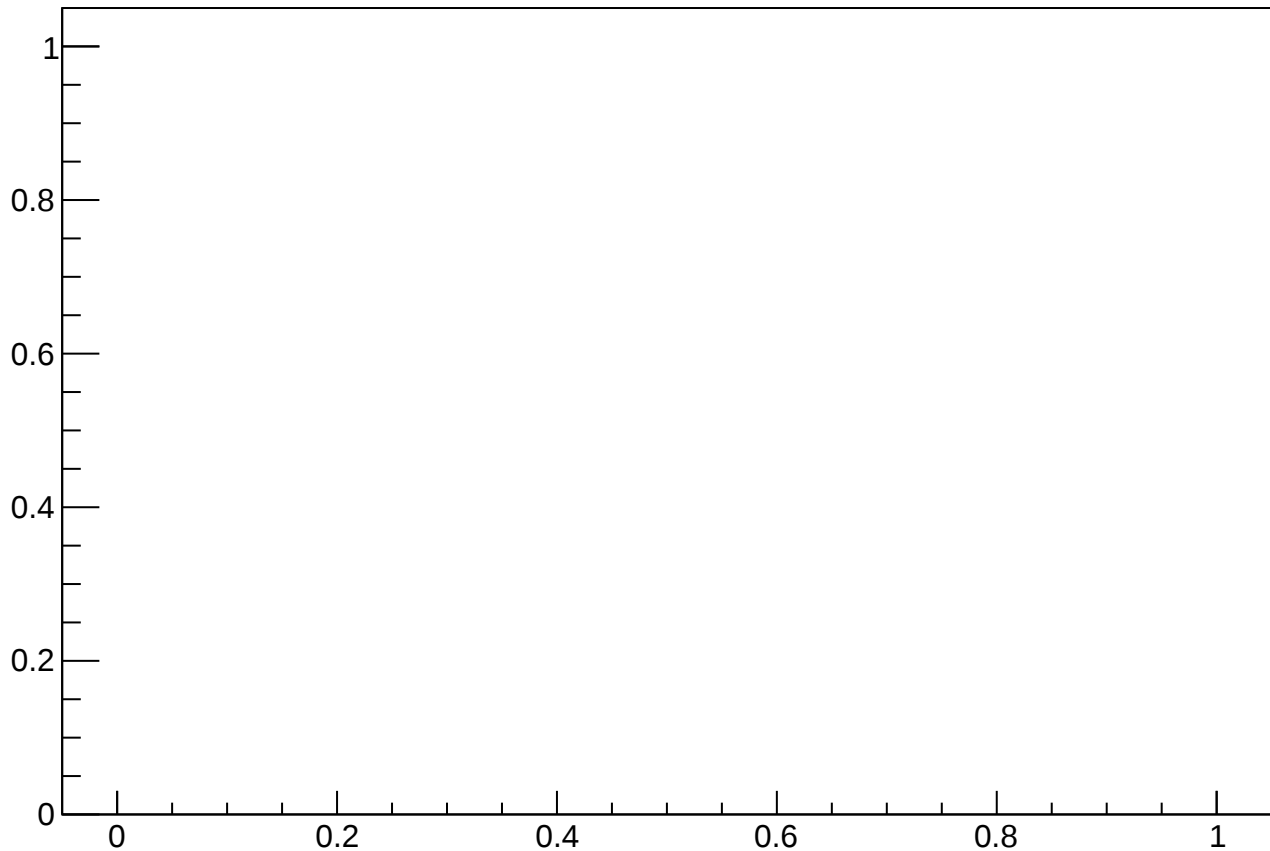
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

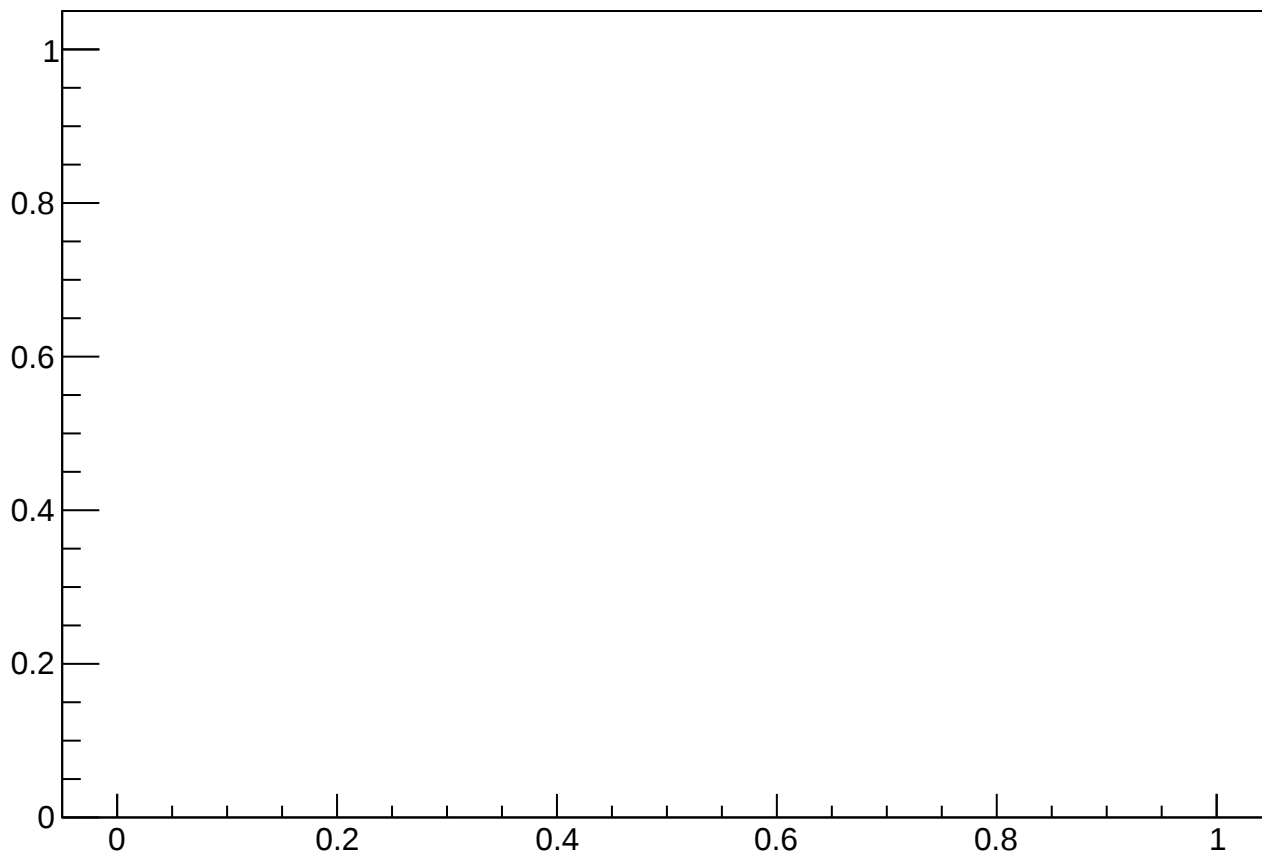
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

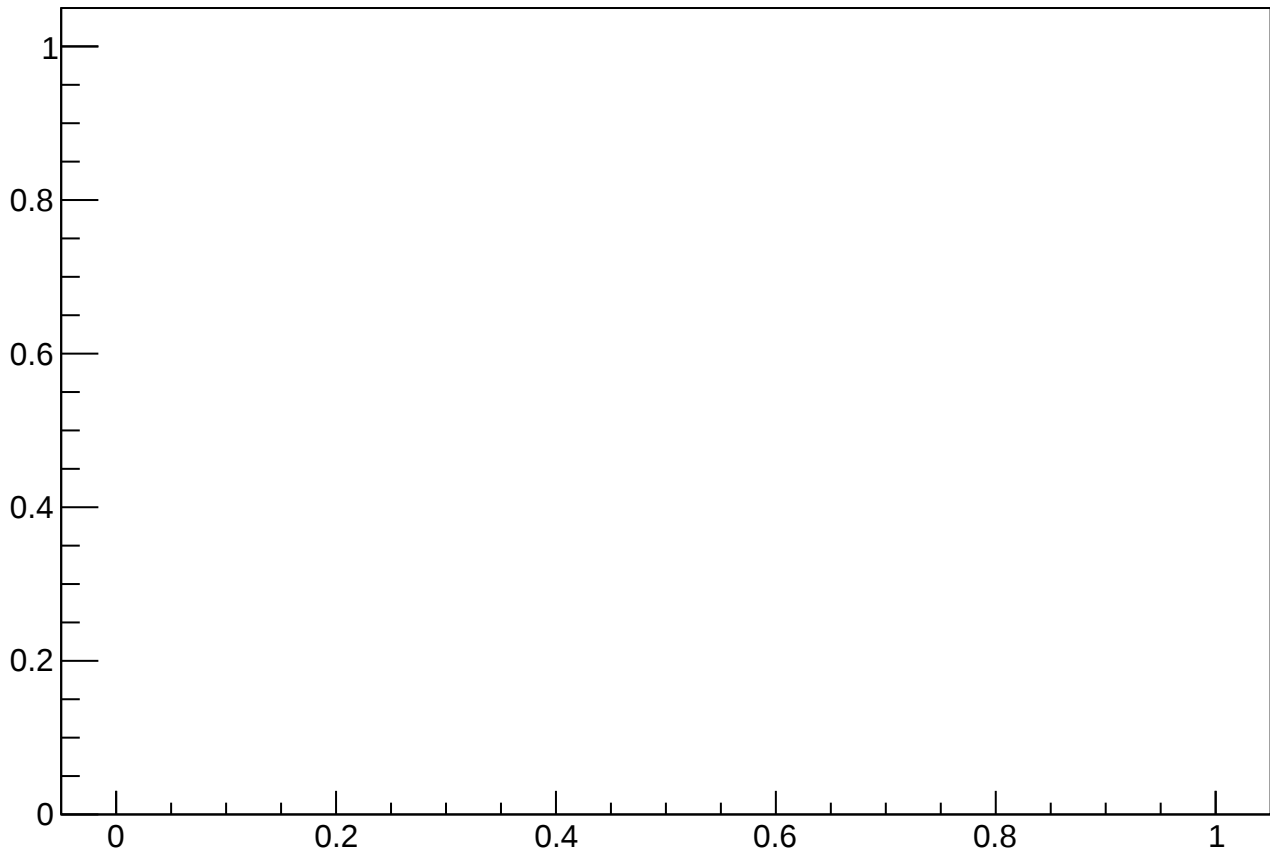
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

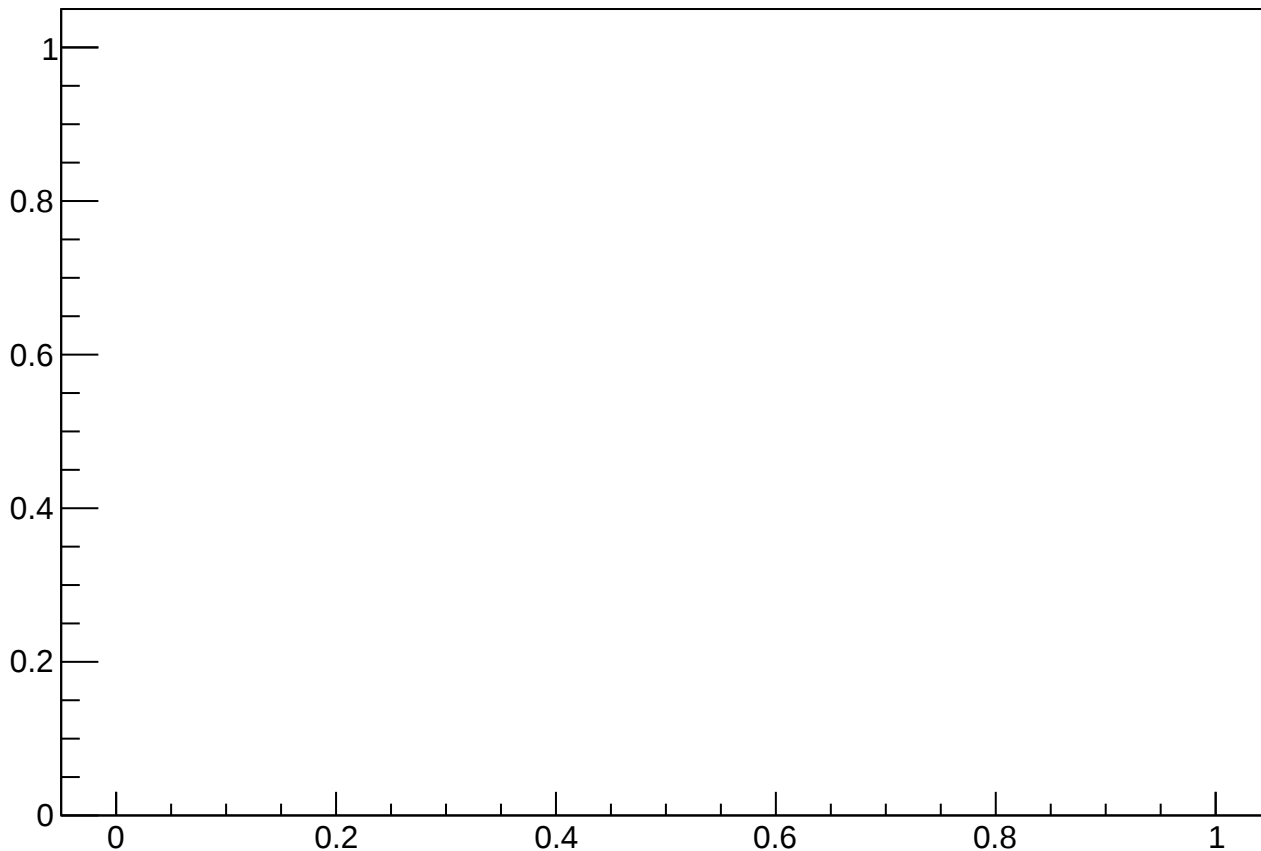
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

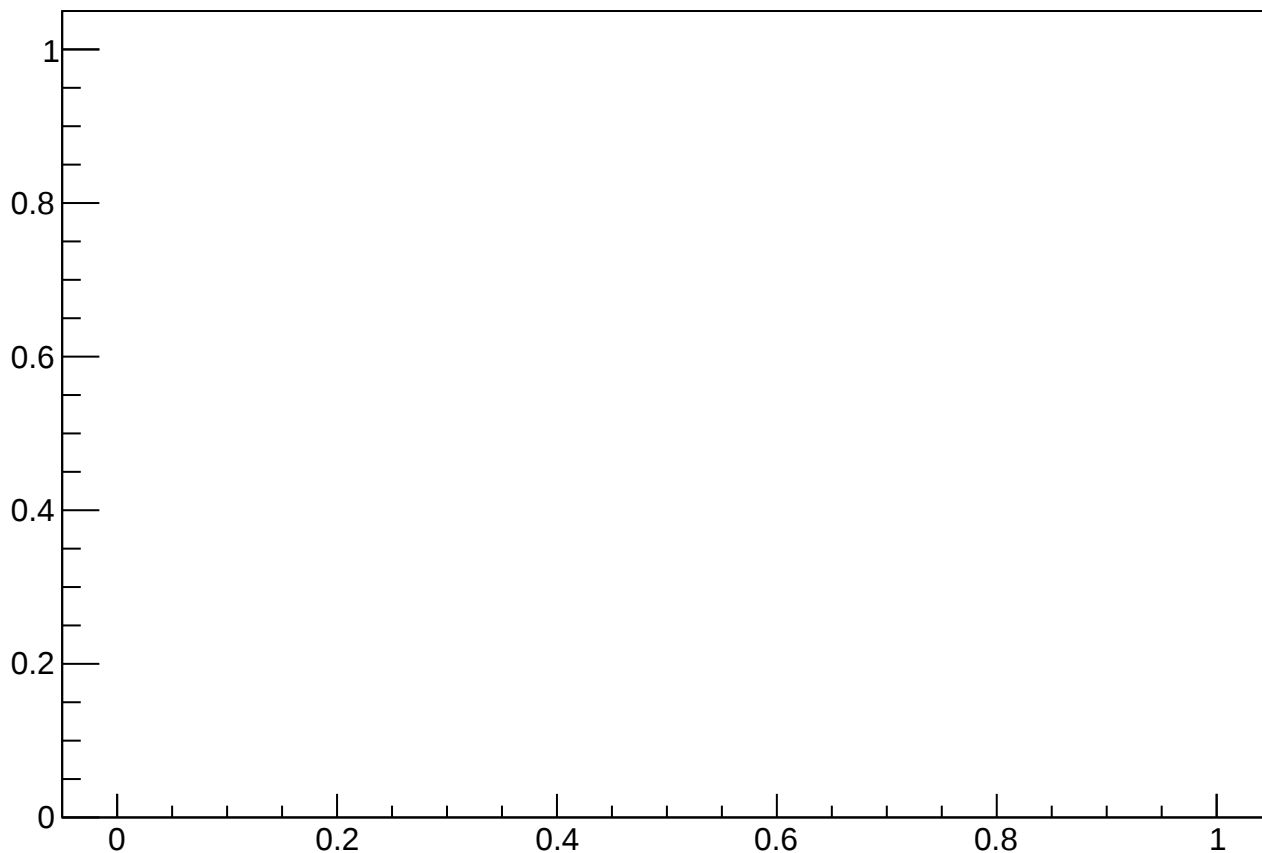
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

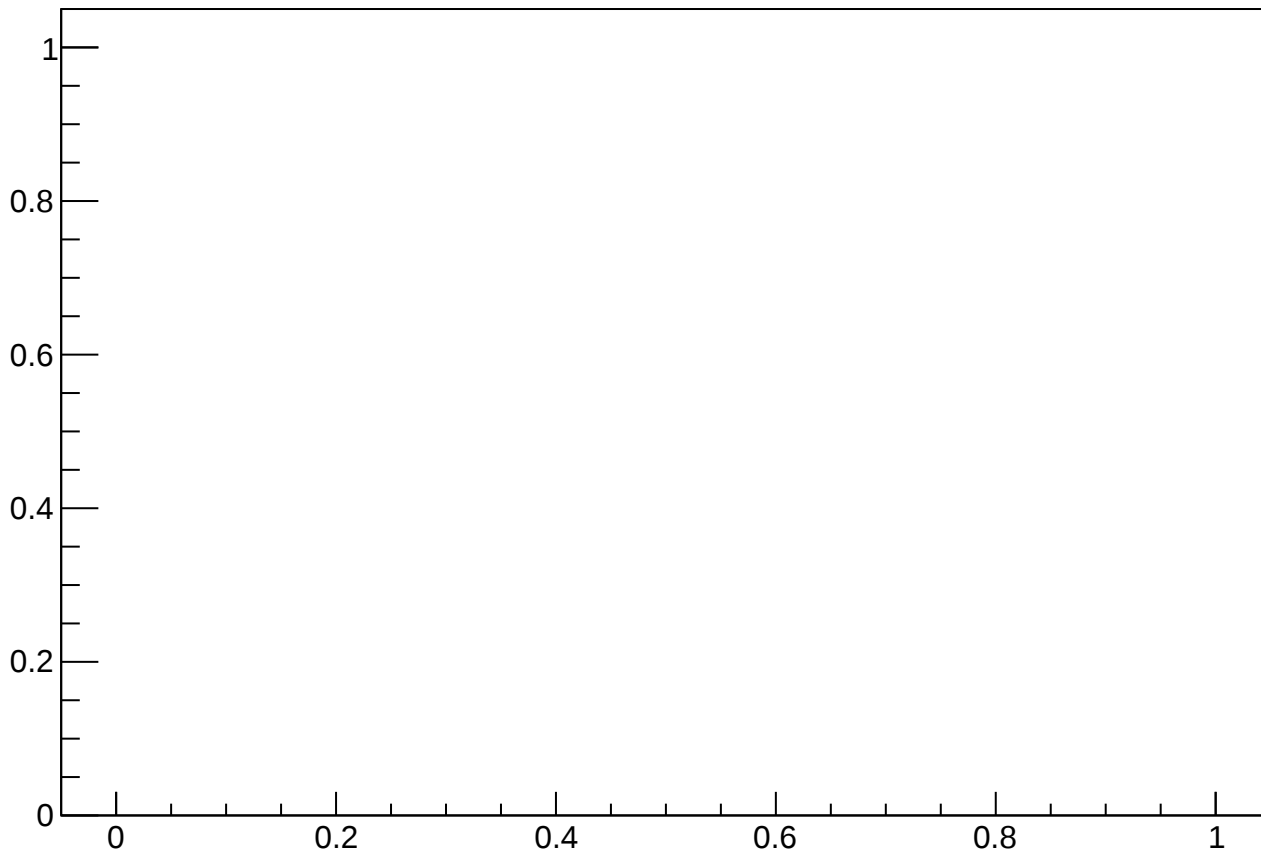
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

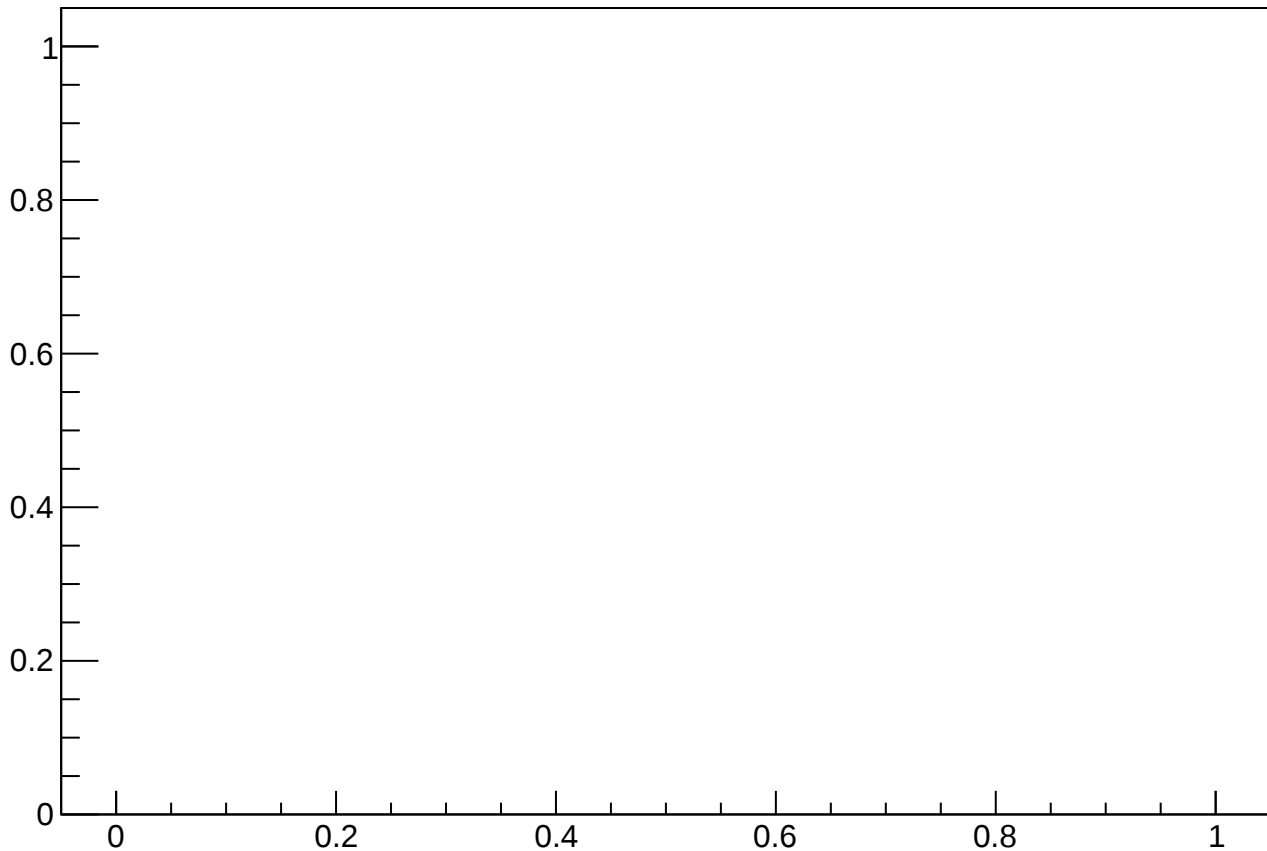
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

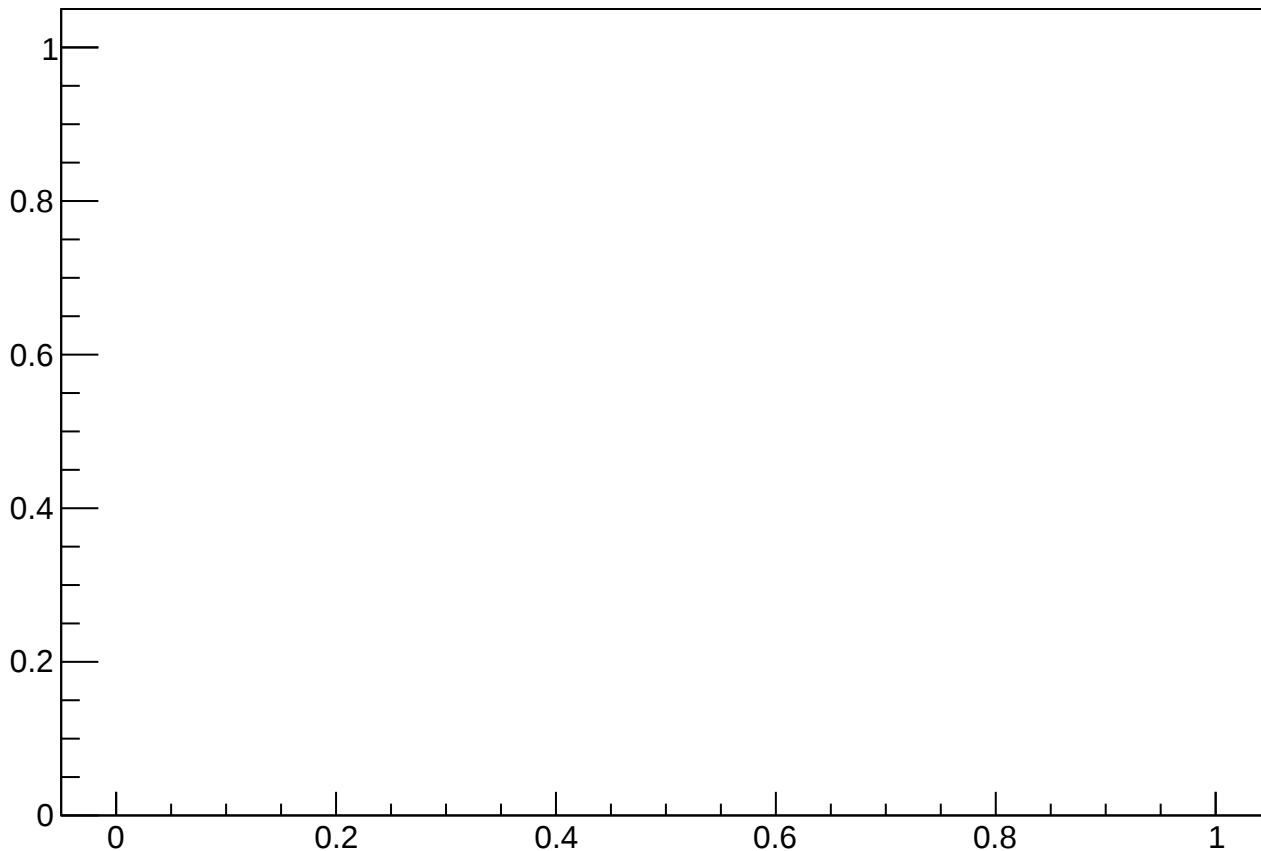
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

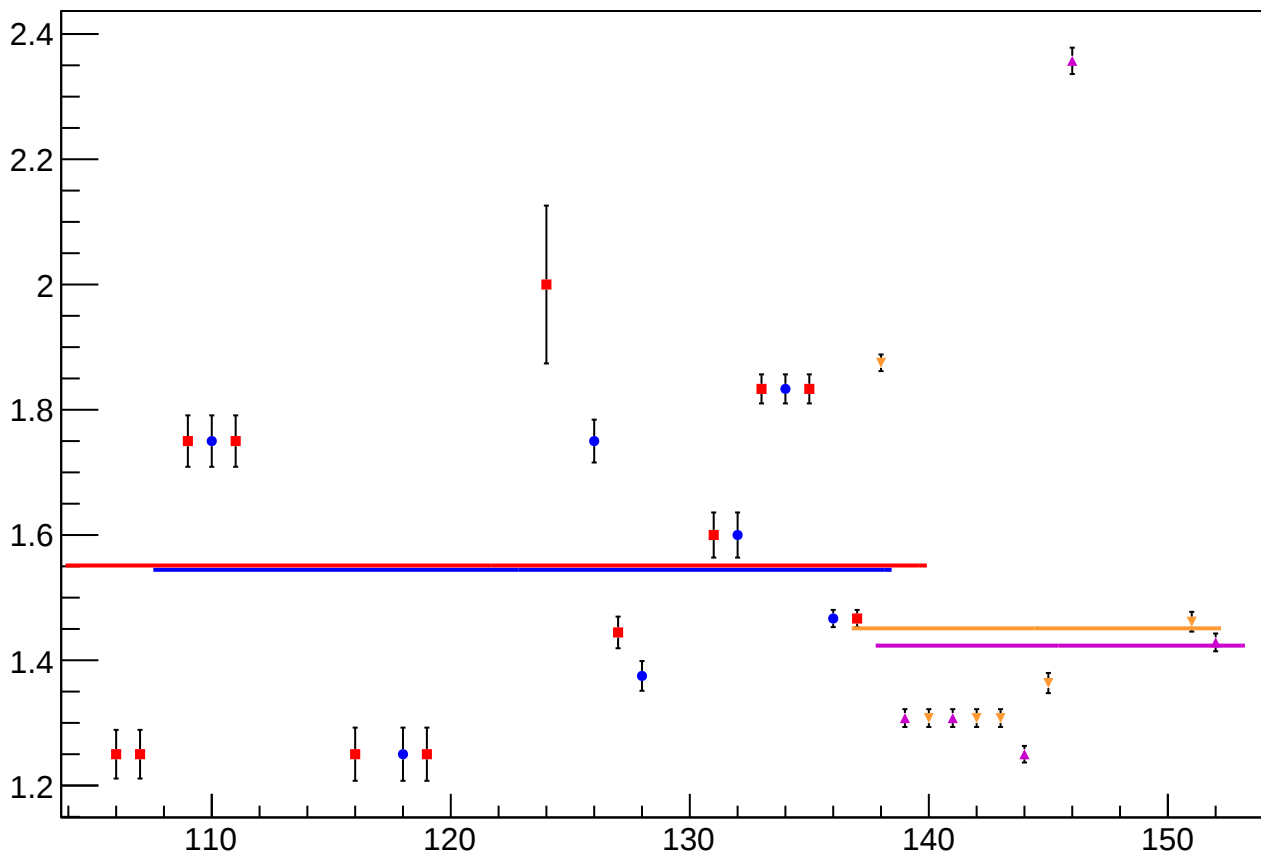
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

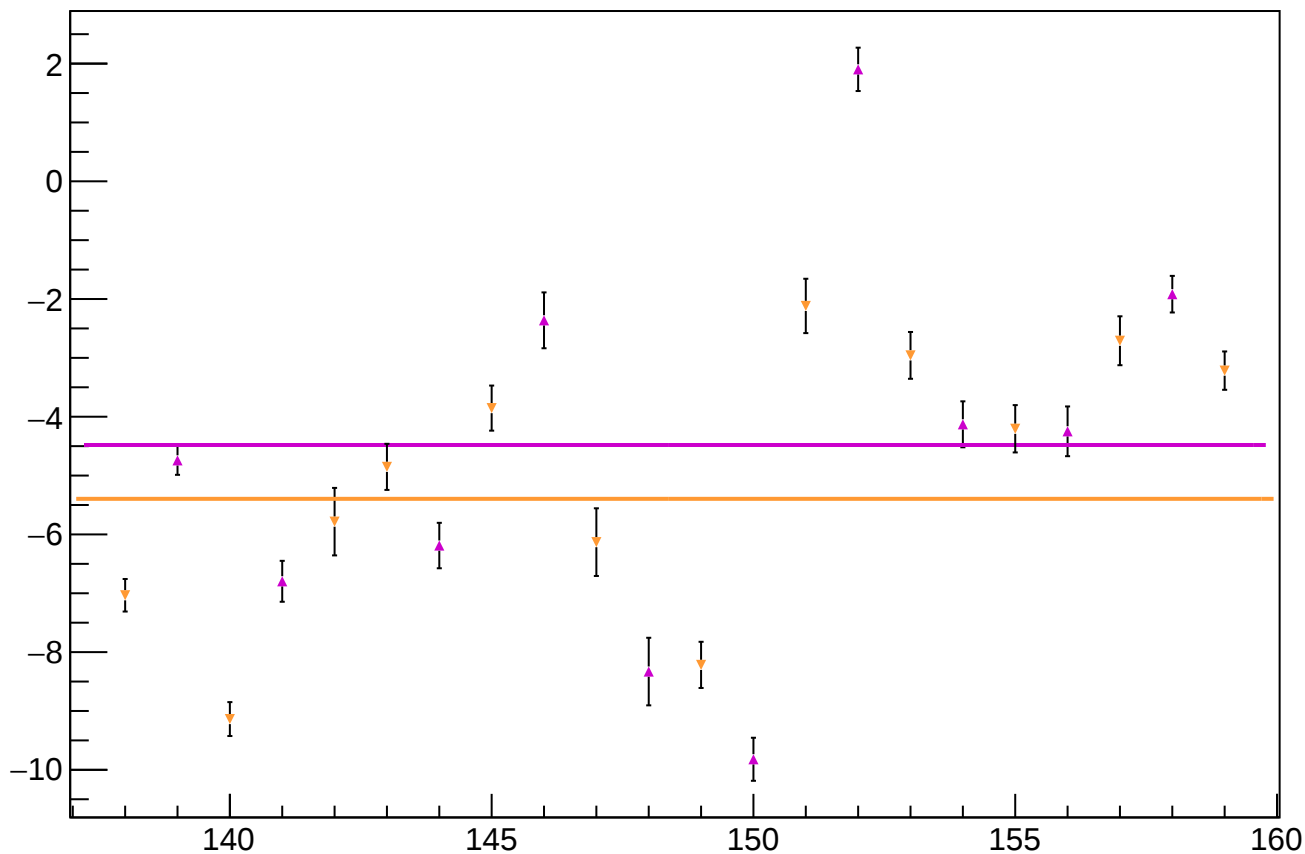
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

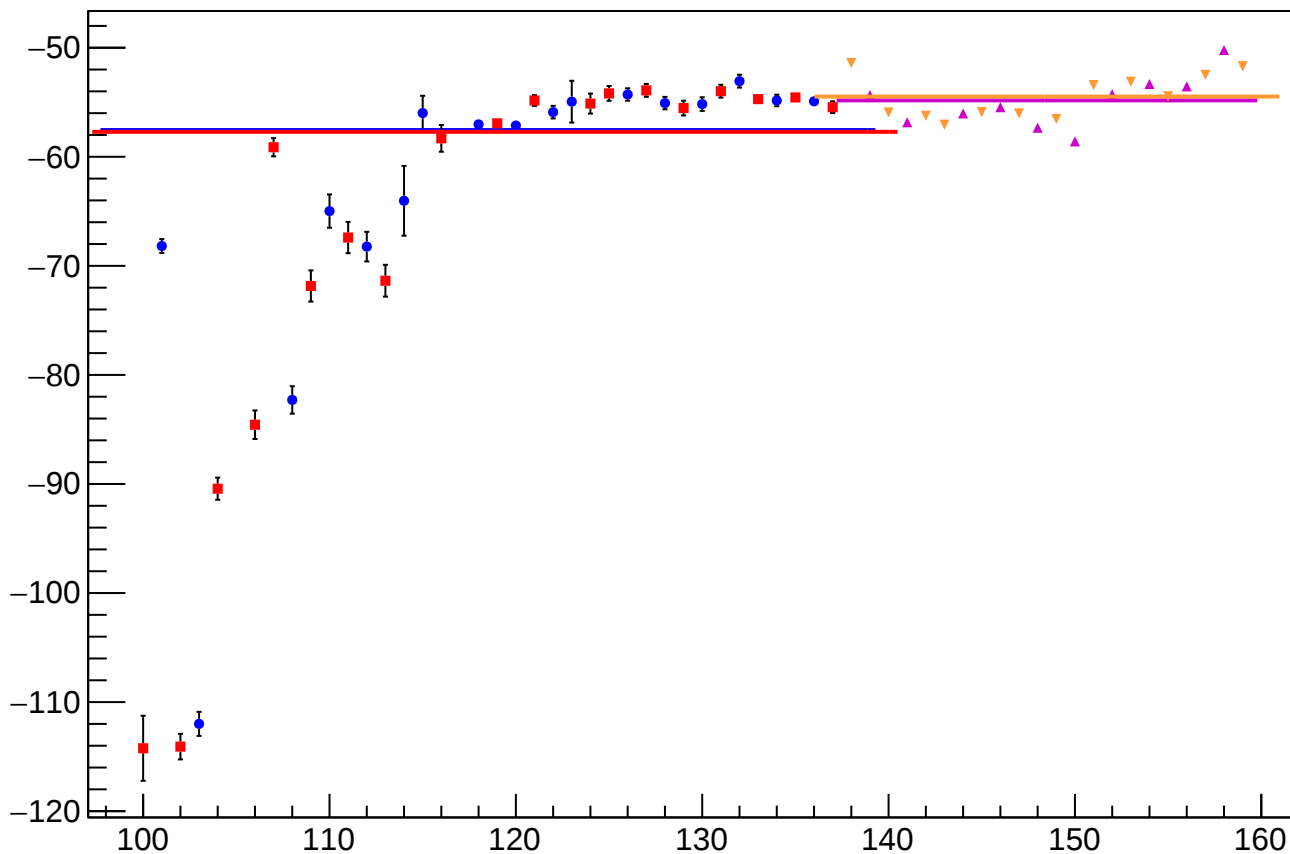
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -5.395 ± 0.109 $\chi^2/\text{NDF}: 458.9/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -4.481 ± 0.114 $\chi^2/\text{NDF}: 712.5/9$

Left: -4.958 ± 0.079 $\chi^2/\text{NDF}: 1204.8/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -4.481 ± 0.114 $\chi^2/\text{NDF}: 712.5/9$
 Out: -5.395 ± 0.109 $\chi^2/\text{NDF}: 458.9/11$
 All: -4.958 ± 0.079 $\chi^2/\text{NDF}: 1204.8/21$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549+/-0.142 χ^2/NDF : 3460.4/16

Left Out: -54.478+/-0.080 χ^2/NDF : 592.6/11

Right Out: -57.711+/-0.143 χ^2/NDF : 4703.8/18

Left In: -54.828+/-0.087 χ^2/NDF : 905.6/9

Left: -54.639+/-0.059 χ^2/NDF : 1507.0/21

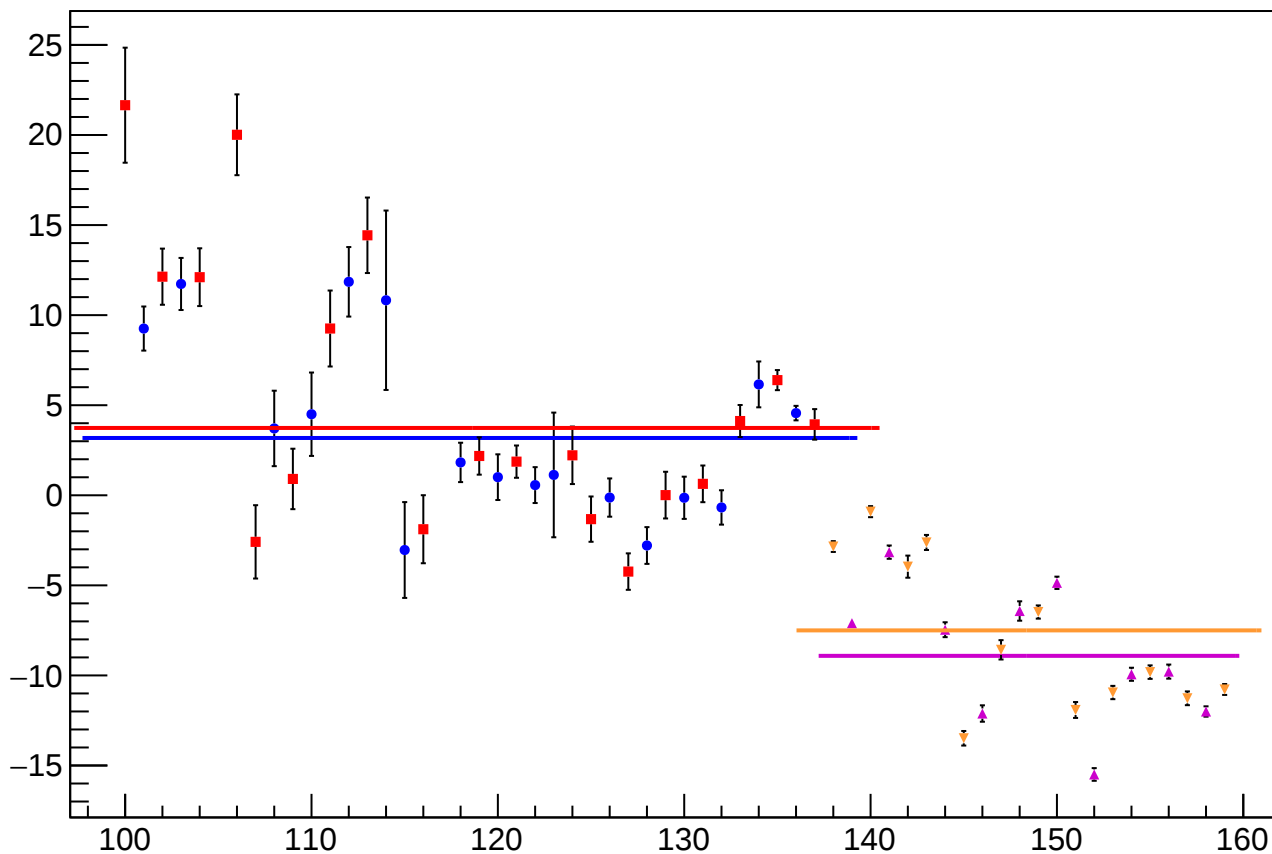
Right: -57.629+/-0.101 χ^2/NDF : 8164.8/35

In: -55.571+/-0.074 χ^2/NDF : 4634.6/26

Out: -55.253+/-0.070 χ^2/NDF : 5686.2/30

All: -55.403+/-0.051 χ^2/NDF : 10330.5/57

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.500 ± 0.109 $\chi^2/\text{NDF}: 1543.0/11$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.913 ± 0.113 $\chi^2/\text{NDF}: 990.0/9$

Left: -8.180 ± 0.078 $\chi^2/\text{NDF}: 2614.1/21$

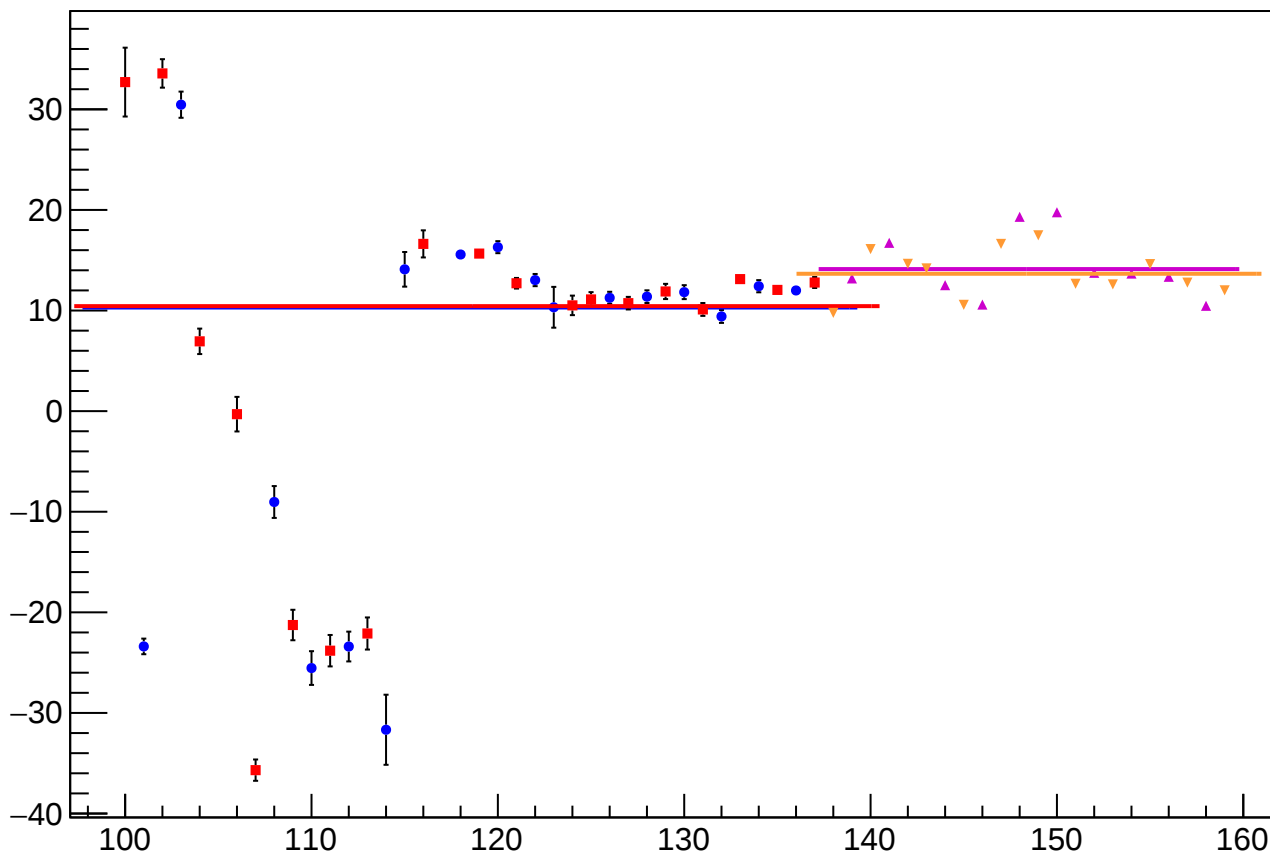
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -6.968 ± 0.103 $\chi^2/\text{NDF}: 3019.3/26$

Out: -5.899 ± 0.101 $\chi^2/\text{NDF}: 3383.8/30$

All: -6.419 ± 0.072 $\chi^2/\text{NDF}: 6457.9/57$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.655+/-0.094 χ^2/NDF : 573.0/11

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 14.121+/-0.100 χ^2/NDF : 1017.0/9

Left: 13.872+/-0.068 χ^2/NDF : 1601.6/21

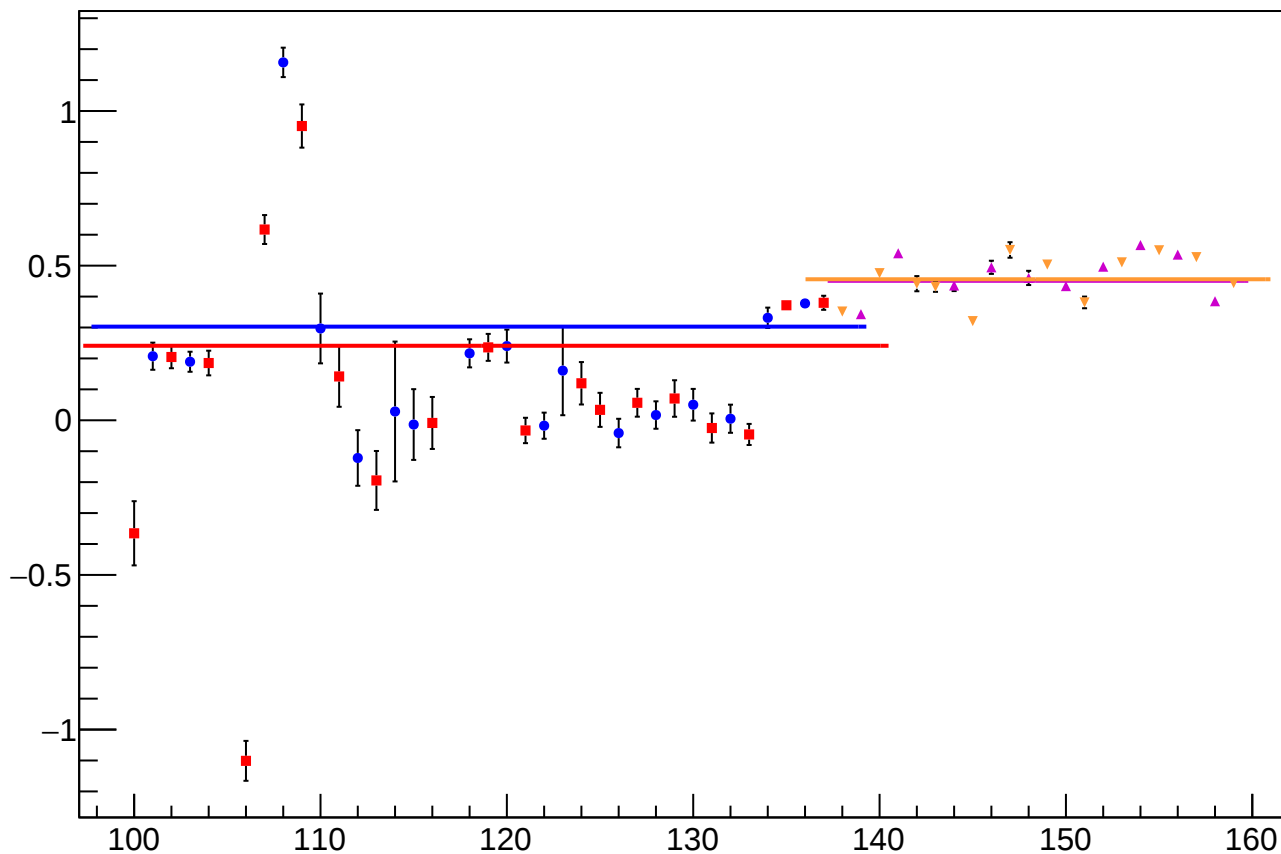
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 13.015+/-0.084 χ^2/NDF : 5137.3/26

Out: 12.830+/-0.081 χ^2/NDF : 4703.8/30

All: 12.919+/-0.058 χ^2/NDF : 9843.6/57

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 : 299.9/11

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.451 ± 0.004 χ^2/NDF : 351.2/9

Left: 0.454 ± 0.003 χ^2/NDF : 651.7/21

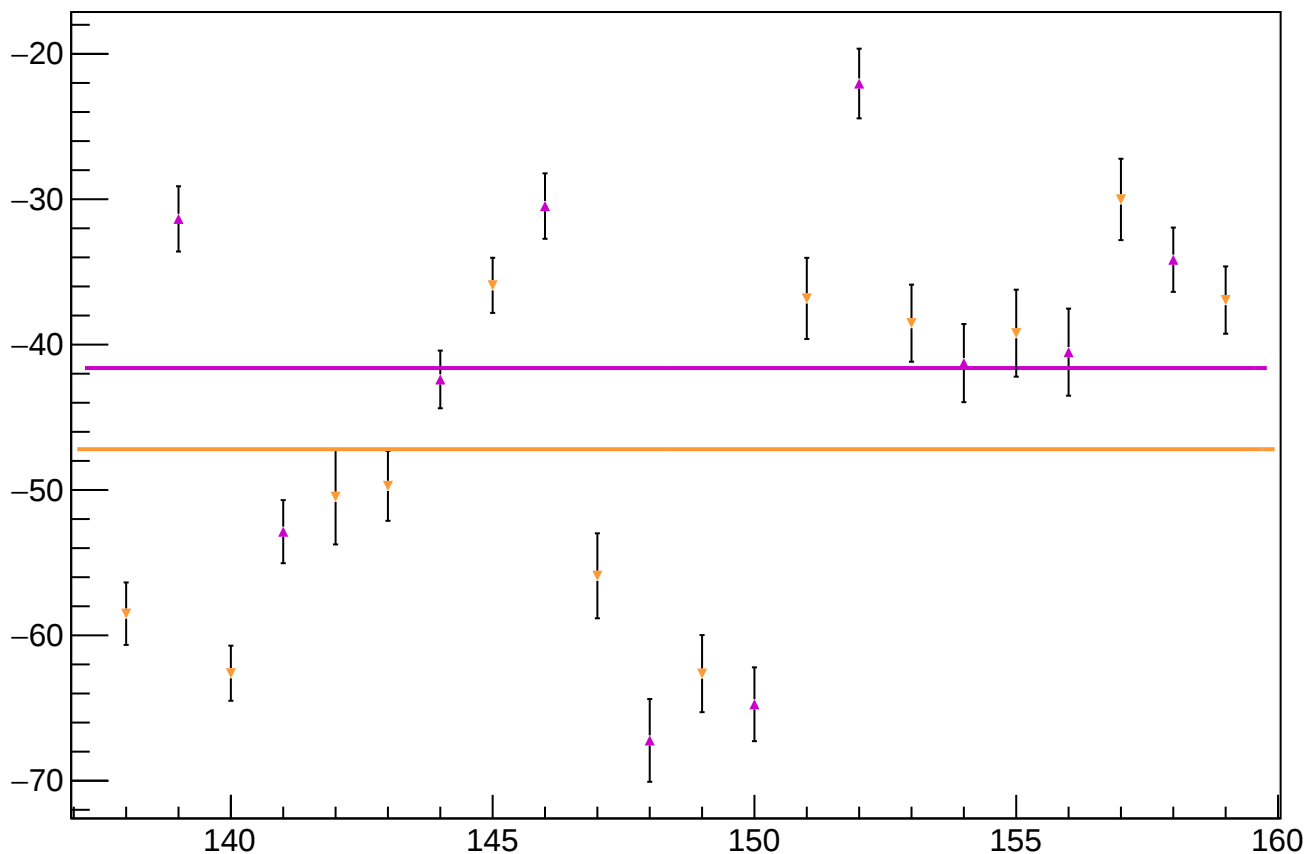
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.419 ± 0.004 χ^2/NDF : 1254.8/26

Out: 0.414 ± 0.004 χ^2/NDF : 1804.8/30

All: 0.416 ± 0.003 χ^2/NDF : 3060.6/57

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.193+/-0.708 χ^2/NDF :263.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.612+/-0.752 χ^2/NDF :314.6/9

Left: -44.570+/-0.515 χ^2/NDF : 606.9/21

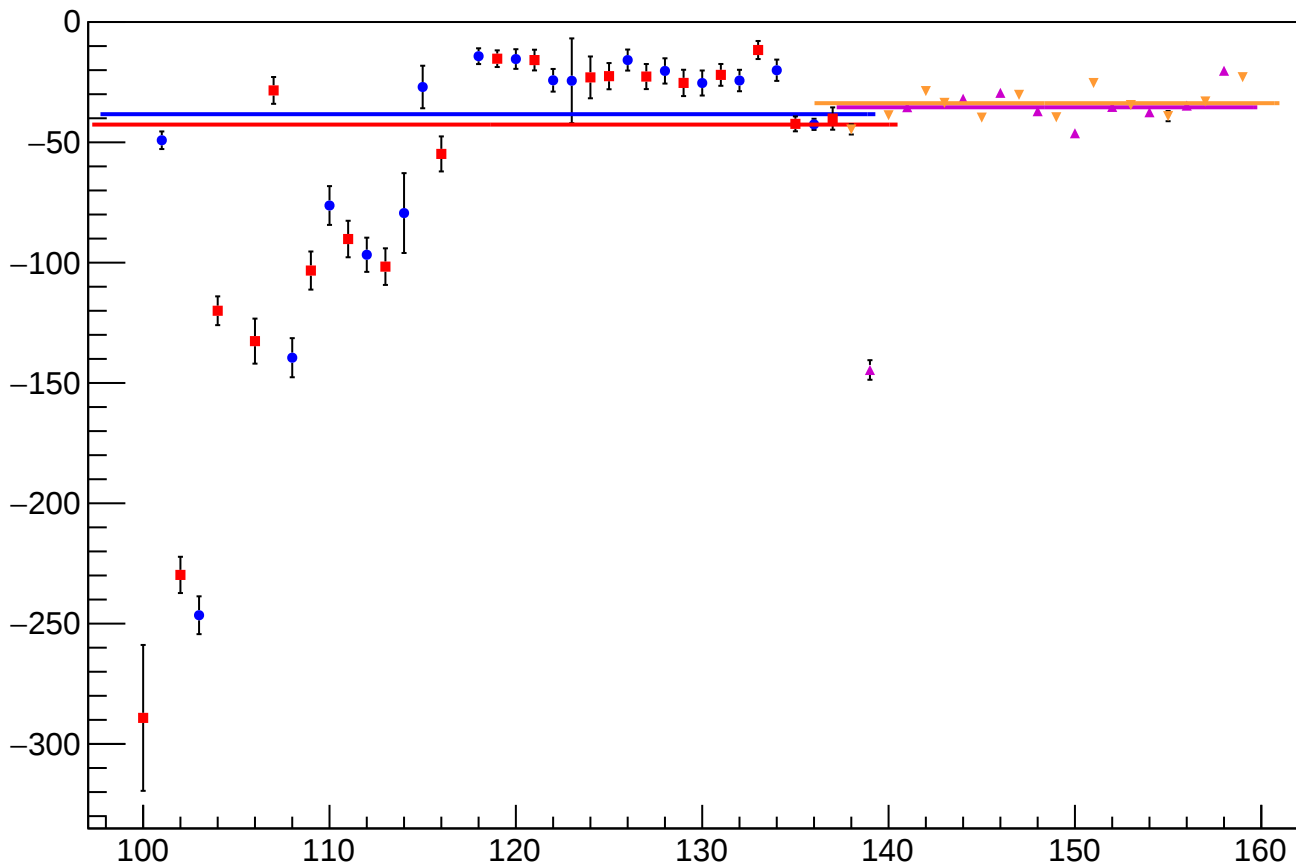
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.612+/-0.752 χ^2/NDF :314.6/9

Out: -47.193+/-0.708 χ^2/NDF :263.1/11

All: -44.570+/-0.515 χ^2/NDF : 606.9/21

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: -33.729 ± 0.495 $\chi^2/\text{NDF}: 155.9/11$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -35.436 ± 0.524 $\chi^2/\text{NDF}: 886.6/9$

Left: -34.533 ± 0.360 $\chi^2/\text{NDF}: 1048.1/21$

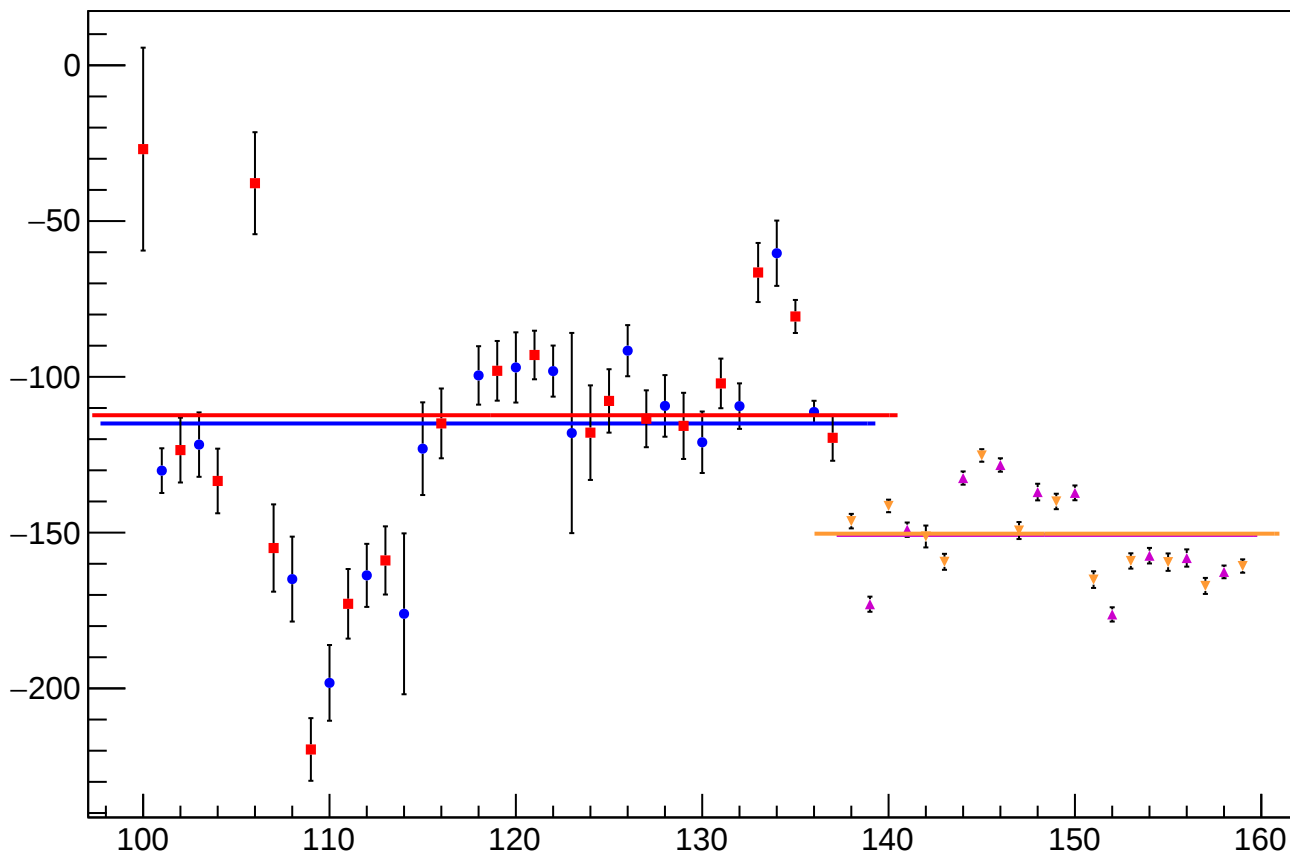
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -35.938 ± 0.476 $\chi^2/\text{NDF}: 2024.6/26$

Out: -35.006 ± 0.458 $\chi^2/\text{NDF}: 1546.7/30$

All: -35.454 ± 0.330 $\chi^2/\text{NDF}: 3573.3/57$

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: -150.339 ± 0.706 $\chi^2/\text{NDF}: 327.0/11$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -150.739 ± 0.739 $\chi^2/\text{NDF}: 497.1/9$

Left: -150.530 ± 0.510 $\chi^2/\text{NDF}: 824.2/21$

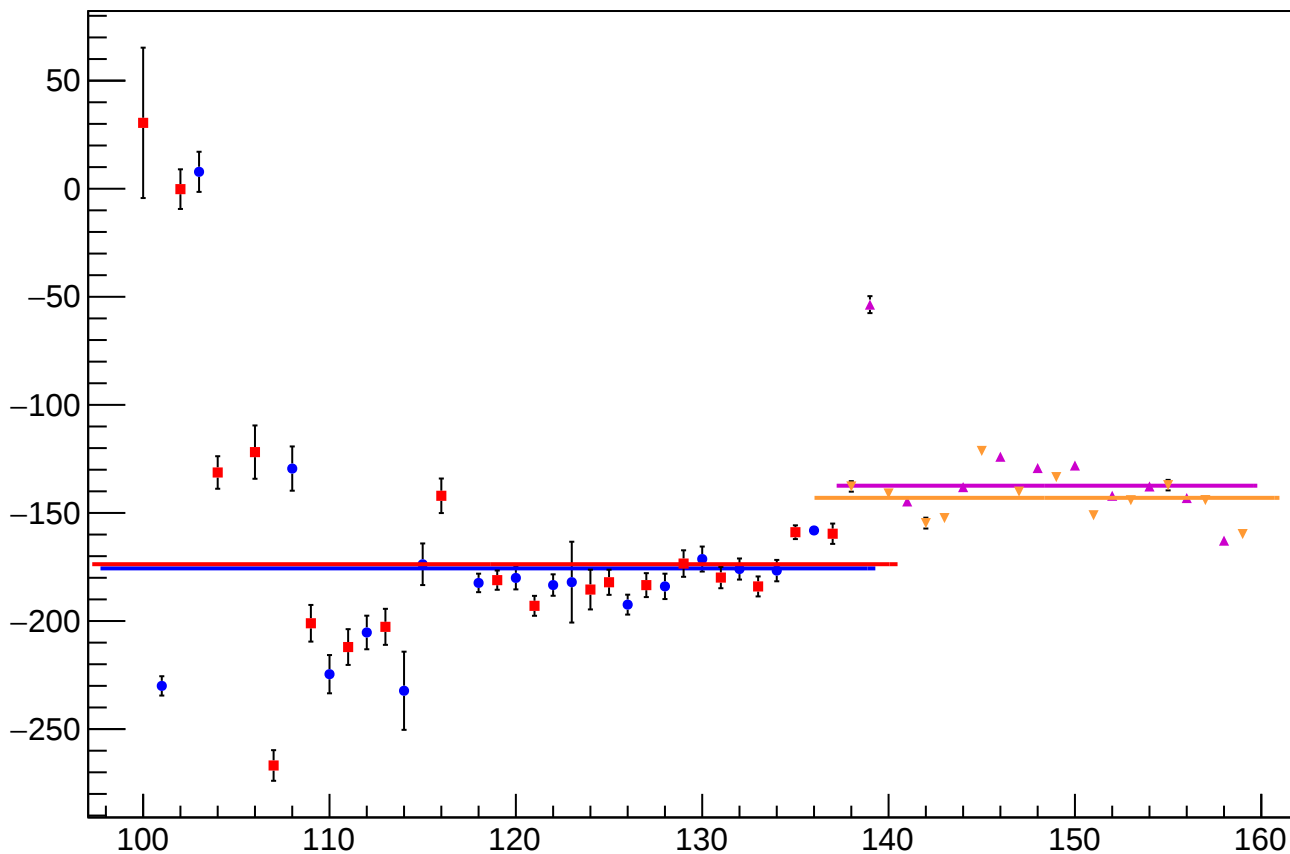
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -146.712 ± 0.696 $\chi^2/\text{NDF}: 902.4/26$

Out: -146.806 ± 0.672 $\chi^2/\text{NDF}: 870.6/30$

All: -146.761 ± 0.484 $\chi^2/\text{NDF}: 1773.0/57$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.014 ± 0.589 χ^2/NDF : 347.1/11

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -137.397 ± 0.623 χ^2/NDF : 833.7/9

Left: -140.362 ± 0.428 χ^2/NDF : 1223.7/21

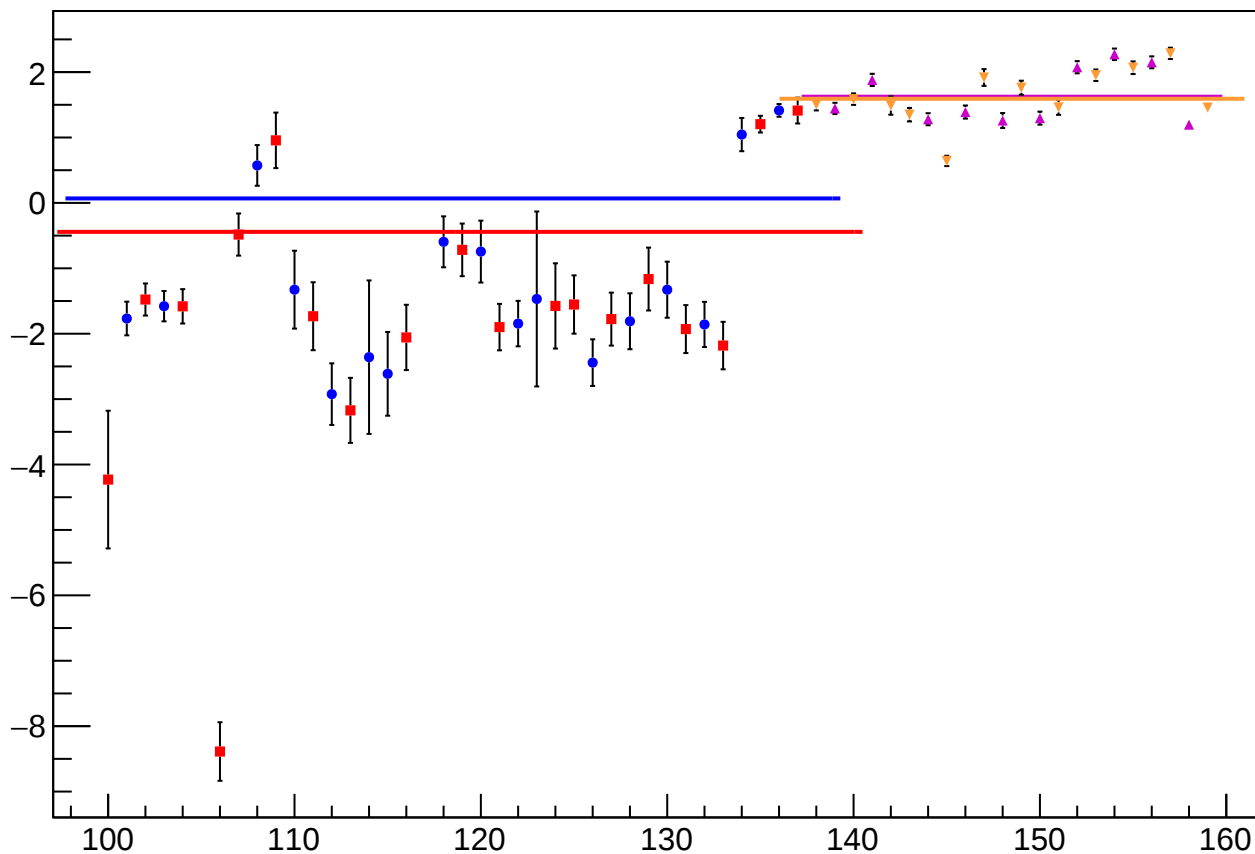
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -144.829 ± 0.559 χ^2/NDF : 2257.9/26

Out: -147.901 ± 0.540 χ^2/NDF : 1517.3/30

All: -146.419 ± 0.389 χ^2/NDF : 3790.7/57

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.592 $\pm$ 0.028 χ^2 /NDF:269.3/11

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.624 $\pm$ 0.029 χ^2 /NDF:197.4/9

Left: 1.607 $\pm$ 0.020 χ^2 /NDF: 467.4/21

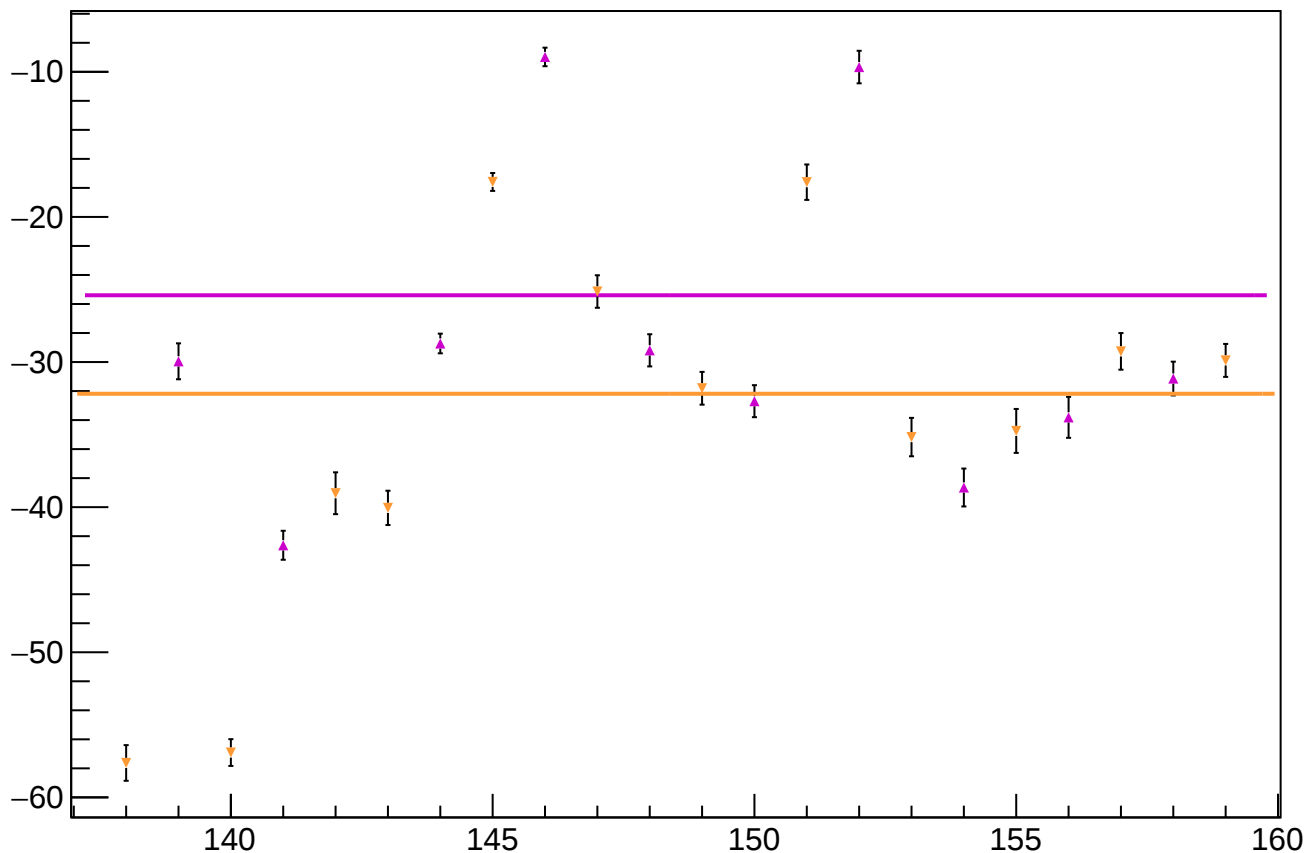
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.380 $\pm$ 0.027 χ^2 /NDF:1177.6/26

Out: 1.325 $\pm$ 0.026 χ^2 /NDF:1737.3/30

All: 1.352 $\pm$ 0.018 χ^2 /NDF: 2917.0/57

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.185+/-0.311 χ^2/NDF :1972.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.398+/-0.308 χ^2/NDF :1411.9/9

Left: -28.756+/-0.219 χ^2/NDF : 3624.6/21

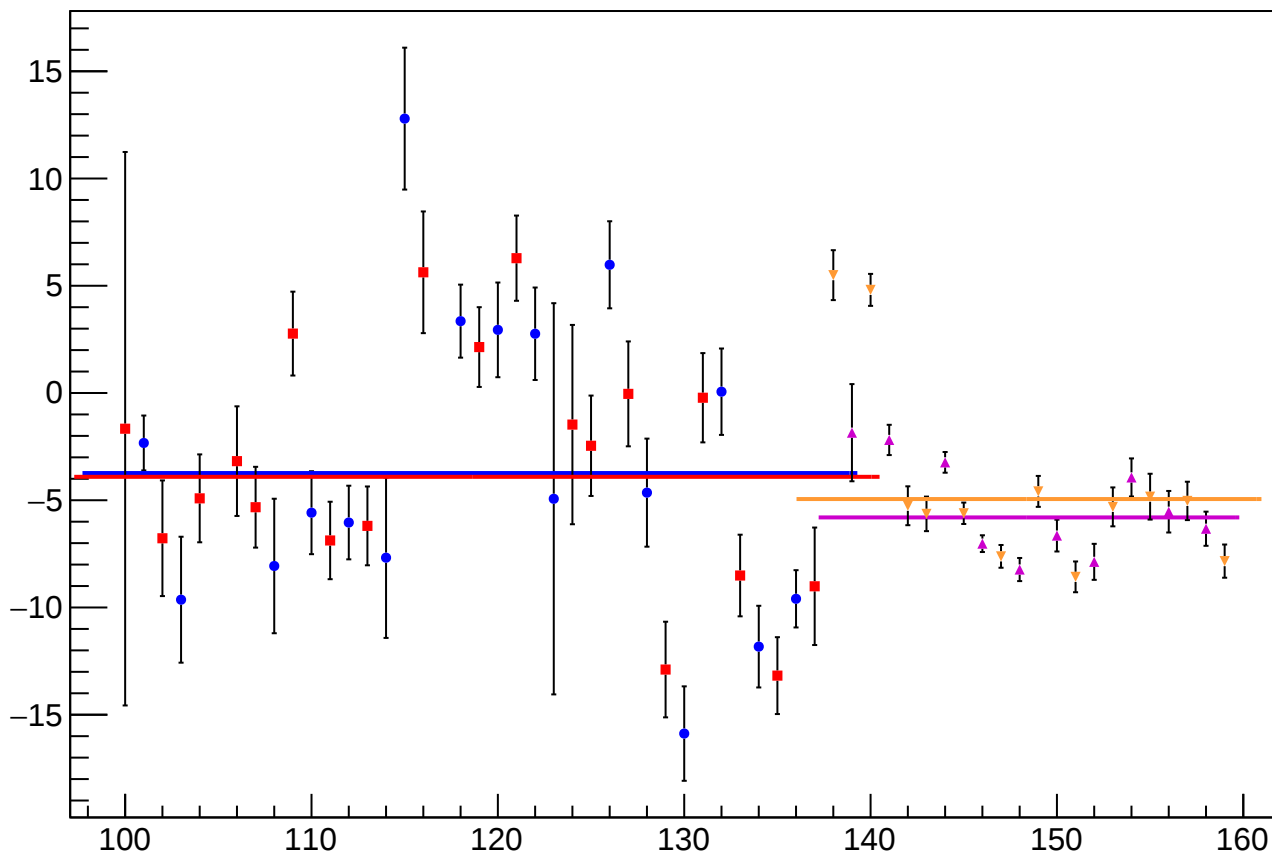
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.398+/-0.308 χ^2/NDF :1411.9/9

Out: -32.185+/-0.311 χ^2/NDF :1972.4/11

All: -28.756+/-0.219 χ^2/NDF : 3624.6/21

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.944 ± 0.214 χ^2/NDF : 319.6/11

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.801 ± 0.206 χ^2/NDF : 100.0/9

Left: -5.391 ± 0.148 χ^2/NDF : 427.9/21

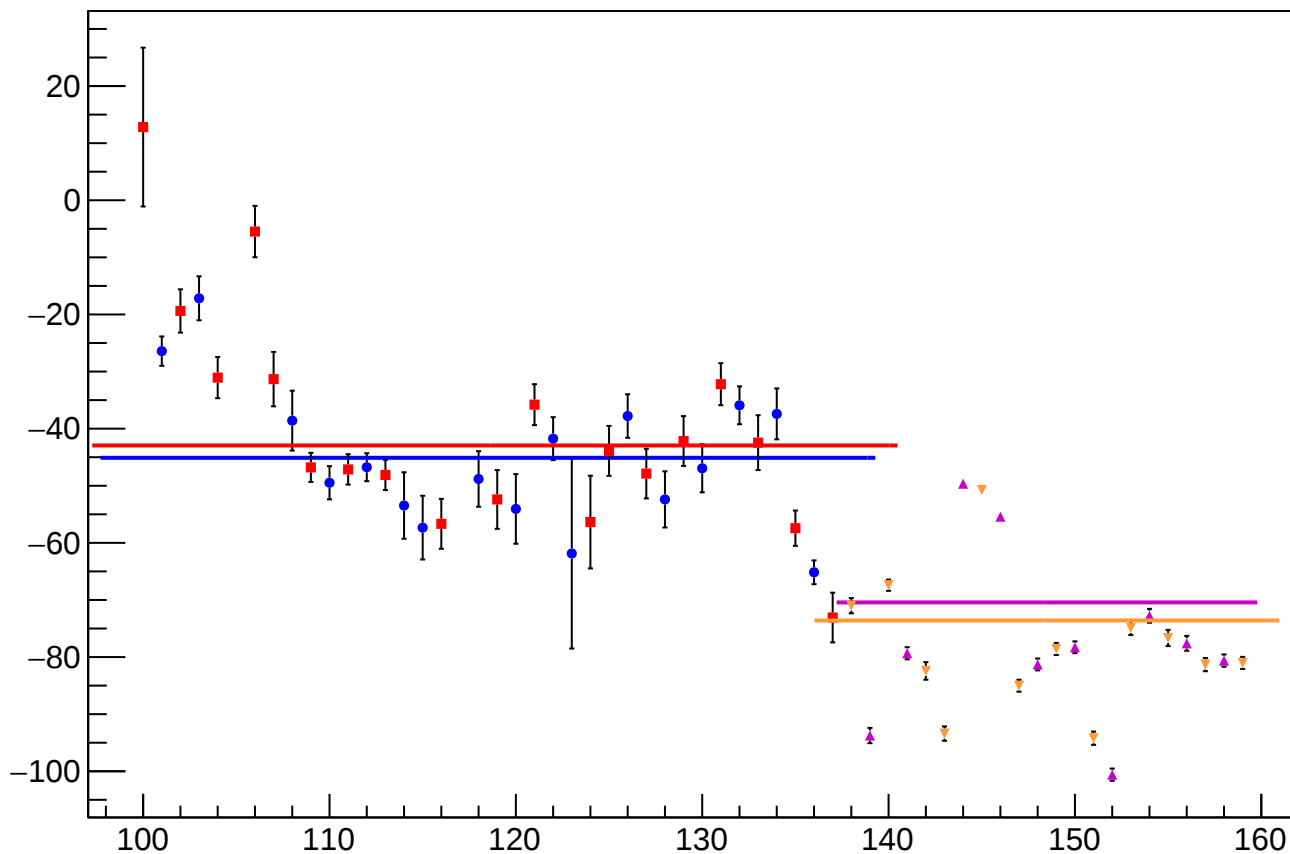
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -5.497 ± 0.190 χ^2/NDF : 280.7/26

Out: -4.787 ± 0.197 χ^2/NDF : 447.9/30

All: -5.156 ± 0.137 χ^2/NDF : 735.3/57

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.592 ± 0.311 χ^2/NDF : 2090.3/11

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -70.428 ± 0.303 χ^2/NDF : 2873.0/9

Left: -71.970 ± 0.217 χ^2/NDF : 5016.3/21

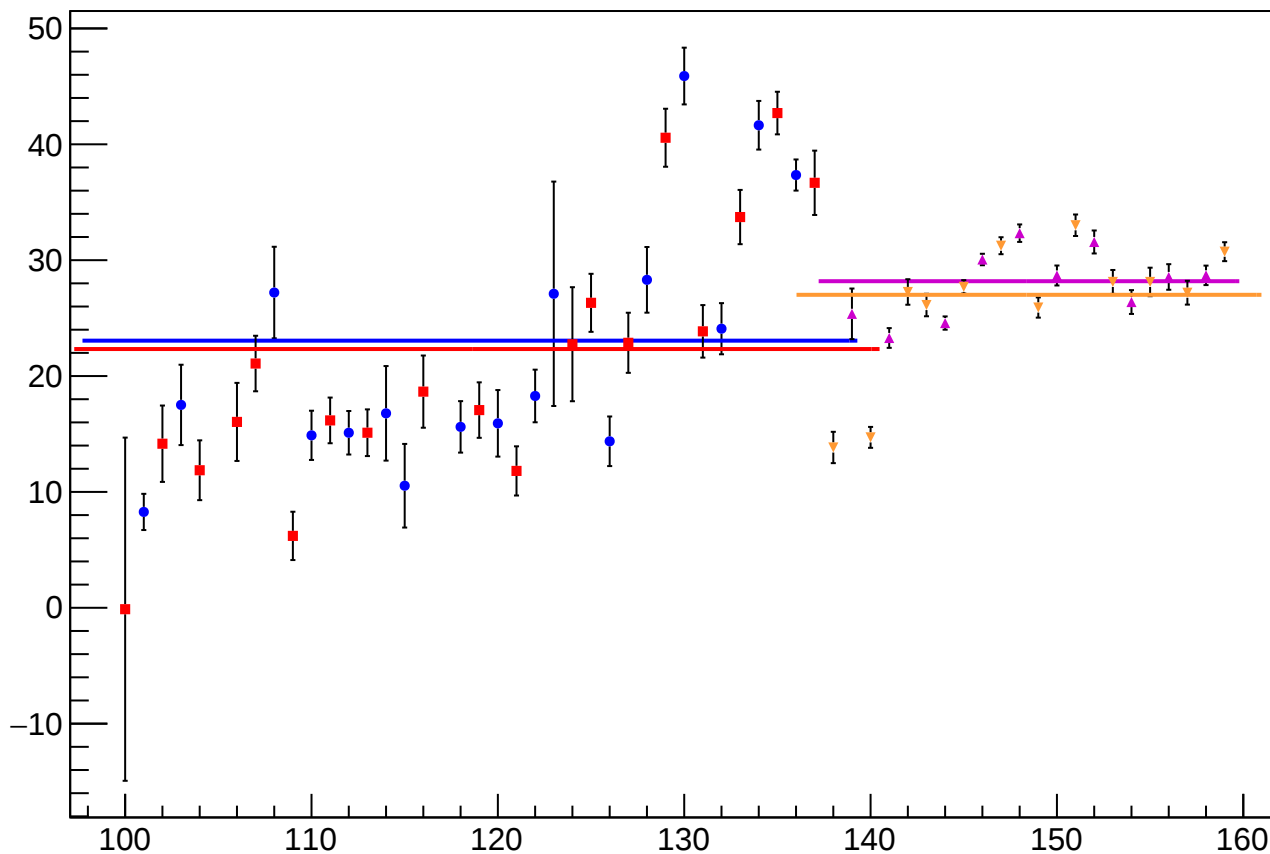
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -67.752 ± 0.287 χ^2/NDF : 3840.1/26

Out: -70.168 ± 0.293 χ^2/NDF : 3423.1/30

All: -68.933 ± 0.205 χ^2/NDF : 7297.8/57

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2 /NDF: 461.1/16

Left Out: 27.011+/-0.258 χ^2 /NDF:382.8/11

Right Out: 22.331+/-0.572 χ^2 /NDF: 371.1/18

Left In: 28.186+/-0.250 χ^2 /NDF:134.5/9

Left: 27.617+/-0.179 χ^2 /NDF: 528.0/21

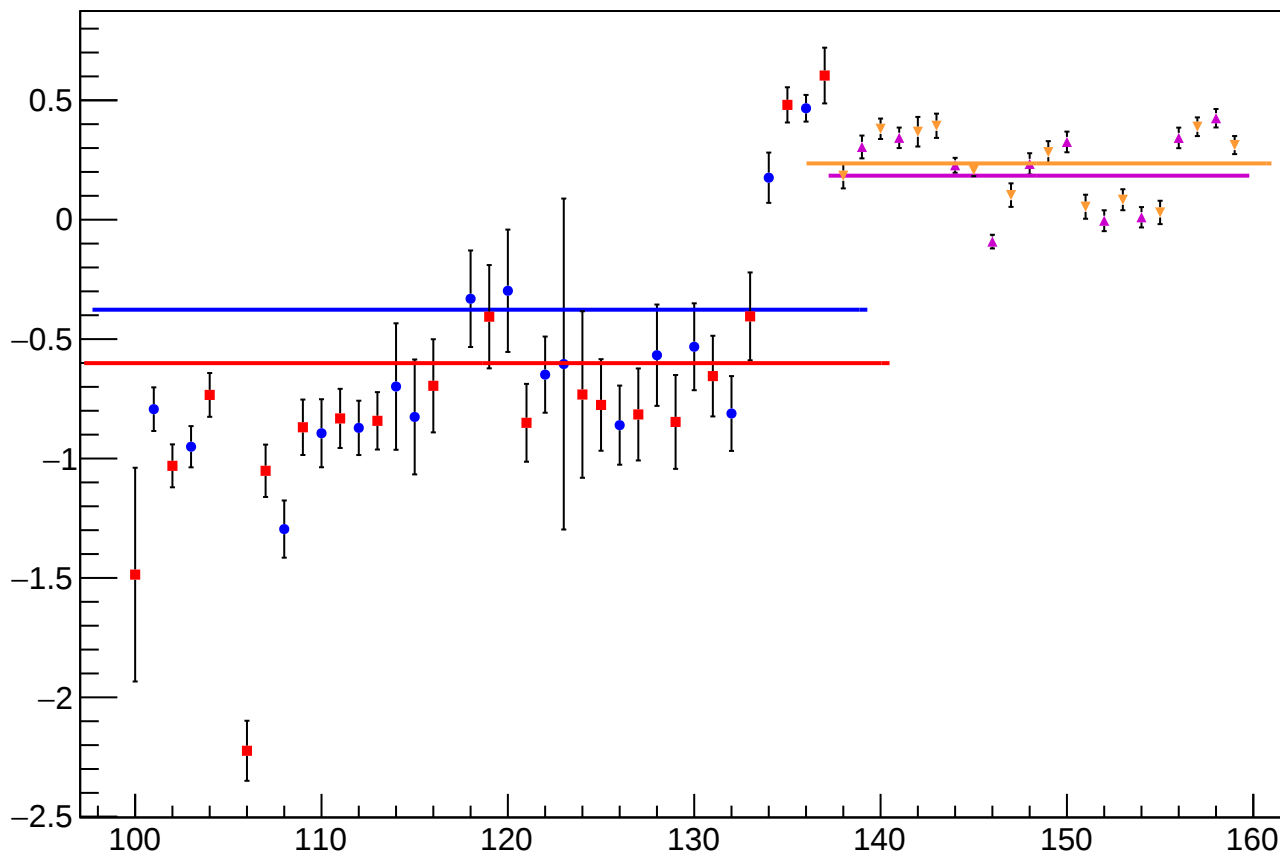
Right: 22.703+/-0.399 χ^2 /NDF: 833.0/35

In: 27.326+/-0.228 χ^2 /NDF:666.3/26

Out: 26.222+/-0.235 χ^2 /NDF:809.4/30

All: 26.791+/-0.164 χ^2 /NDF: 1487.1/57

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.236 ± 0.012 χ^2/NDF : 98.2/11

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.184 ± 0.012 χ^2/NDF : 214.3/9

Left: 0.210 ± 0.009 χ^2/NDF : 321.2/21

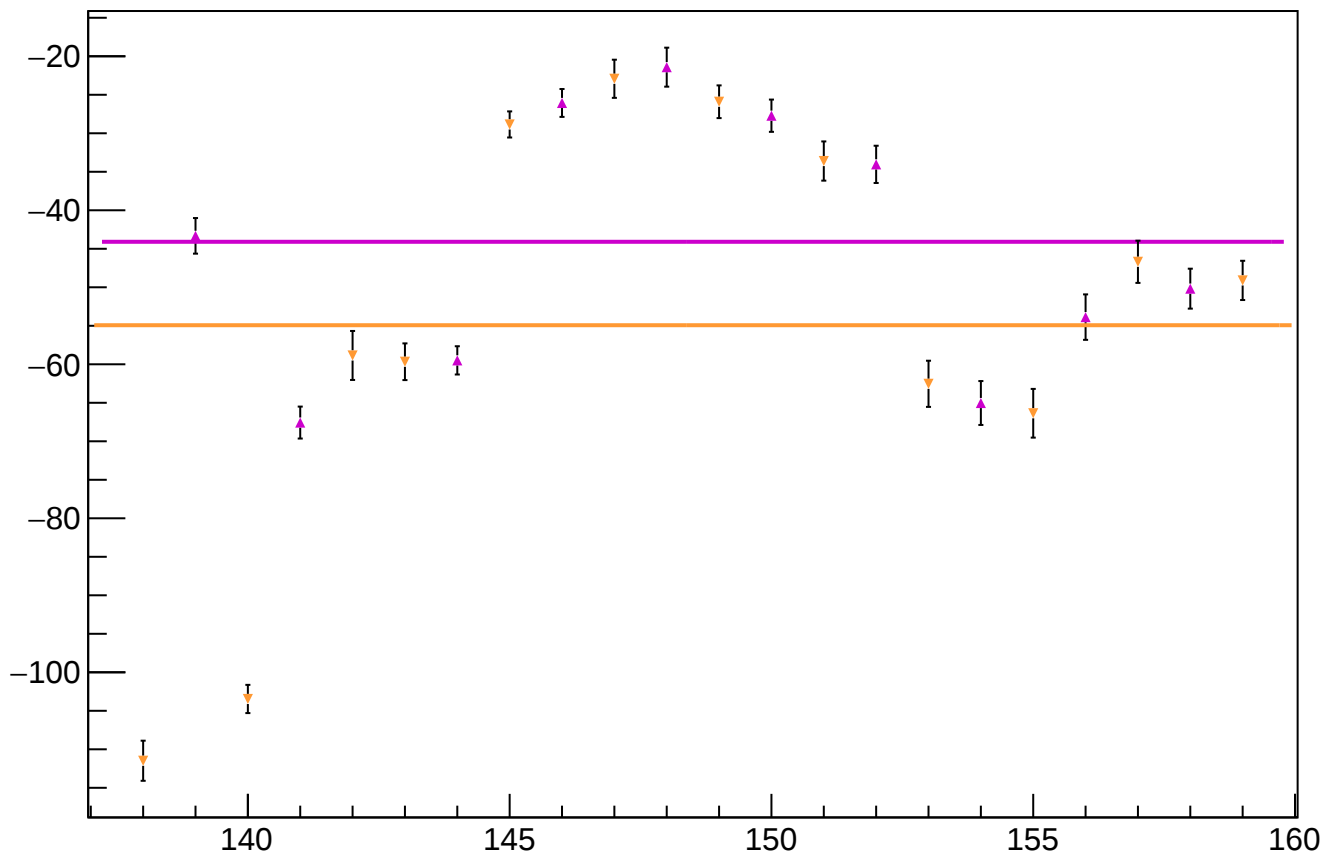
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.103 ± 0.011 χ^2/NDF : 949.2/26

Out: 0.117 ± 0.011 χ^2/NDF : 1312.3/30

All: 0.110 ± 0.008 χ^2/NDF : 2262.1/57

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -54.927 ± 0.689 χ^2/NDF : 1872.6/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -44.092 ± 0.714 χ^2/NDF : 526.8/9

Left: -49.699 ± 0.496 χ^2/NDF : 2518.7/21

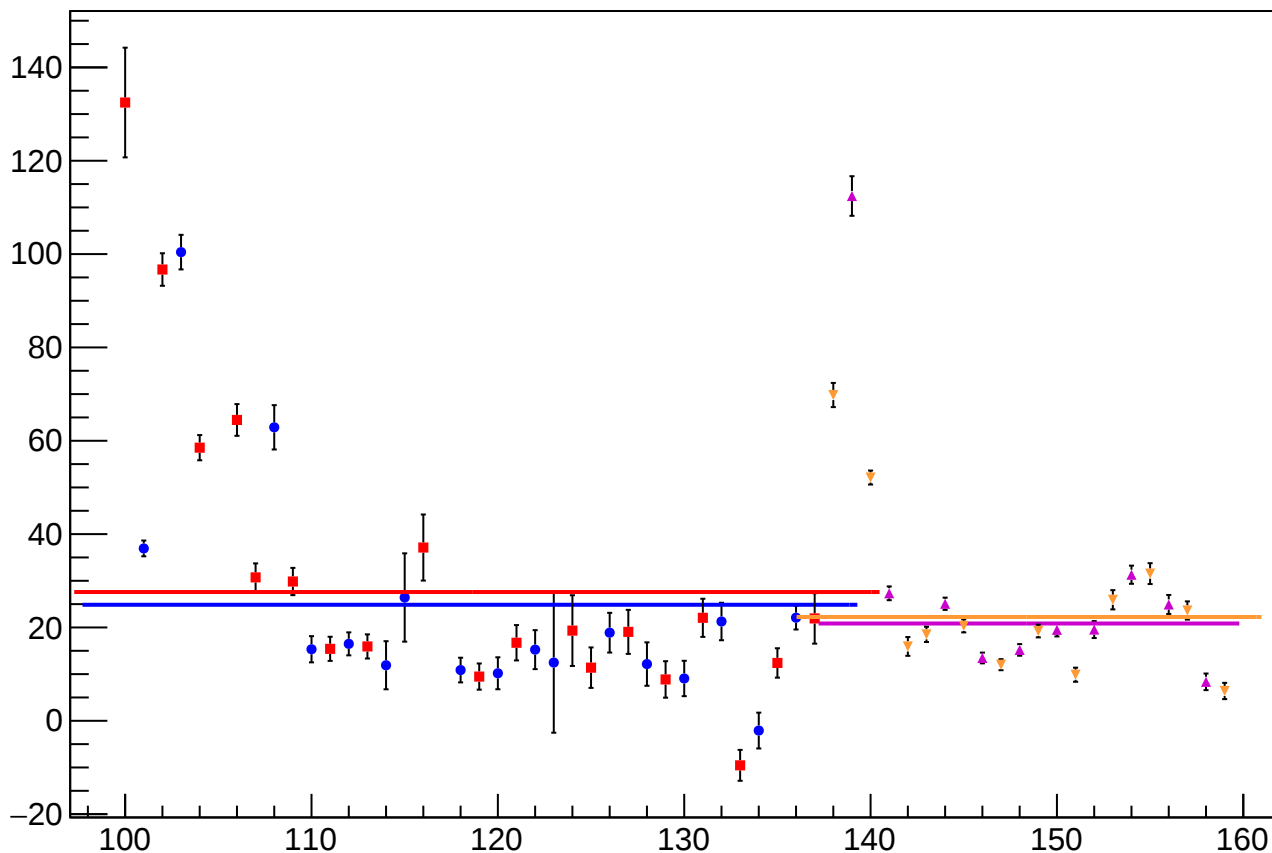
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -44.092 ± 0.714 χ^2/NDF : 526.8/9

Out: -54.927 ± 0.689 χ^2/NDF : 1872.6/11

All: -49.699 ± 0.496 χ^2/NDF : 2518.7/21

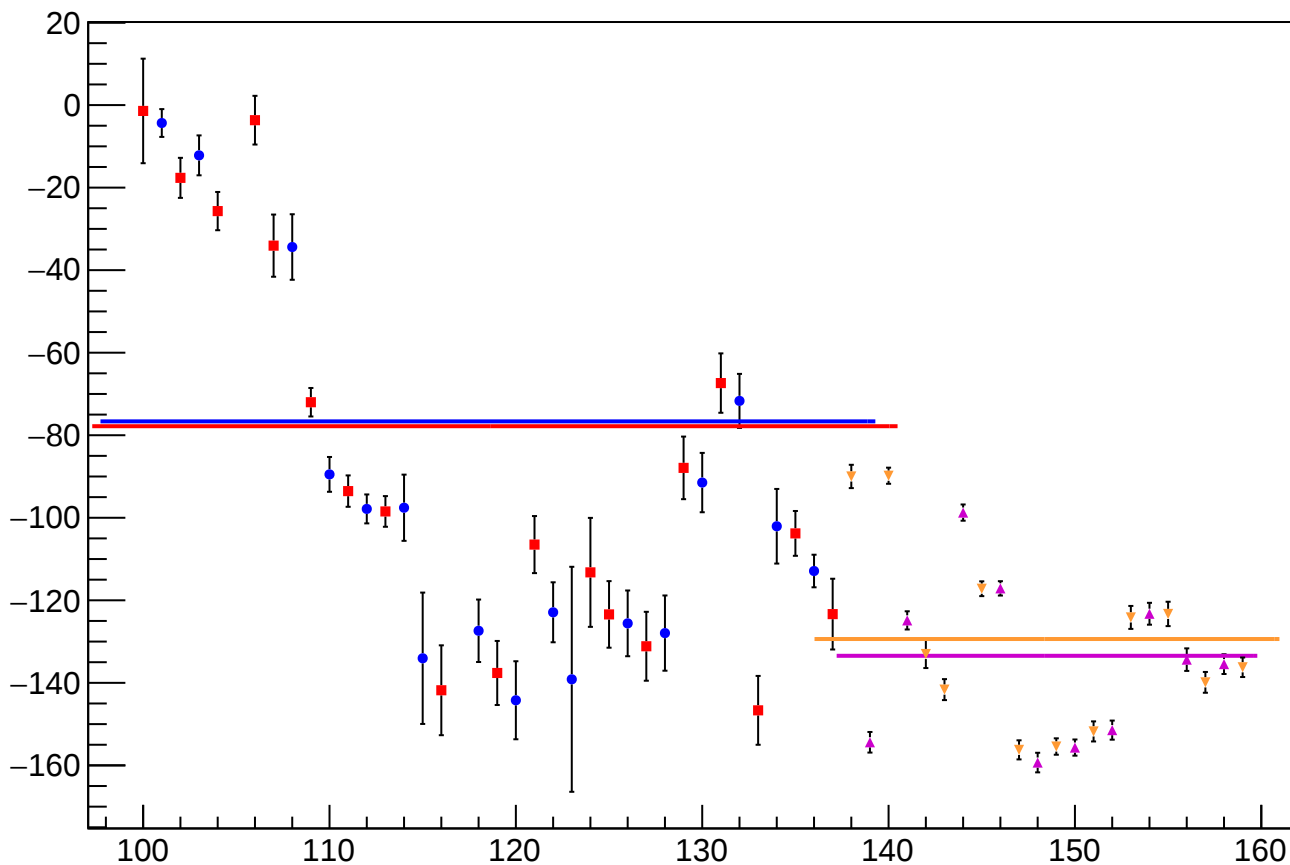
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2/NDF : 691.0/16
 Left Out: 22.246 $\pm$ 0.475 χ^2/NDF : 1000.4/11
 Right Out: 27.593 $\pm$ 0.810 χ^2/NDF : 1010.9/18
 Left In: 20.848 $\pm$ 0.493 χ^2/NDF : 641.2/9

Left: 21.574 $\pm$ 0.342 χ^2/NDF : 1645.8/21
 Right: 26.215 $\pm$ 0.570 χ^2/NDF : 1707.7/35
 In: 21.949 $\pm$ 0.420 χ^2/NDF : 1350.4/26
 Out: 23.613 $\pm$ 0.409 χ^2/NDF : 2043.8/30
 All: 22.802 $\pm$ 0.293 χ^2/NDF : 3402.3/57

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: -129.380 ± 0.685 $\chi^2/\text{NDF}: 1101.3/11$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -133.446 ± 0.702 $\chi^2/\text{NDF}: 809.0/9$

Left: -131.364 ± 0.490 $\chi^2/\text{NDF}: 1927.4/21$

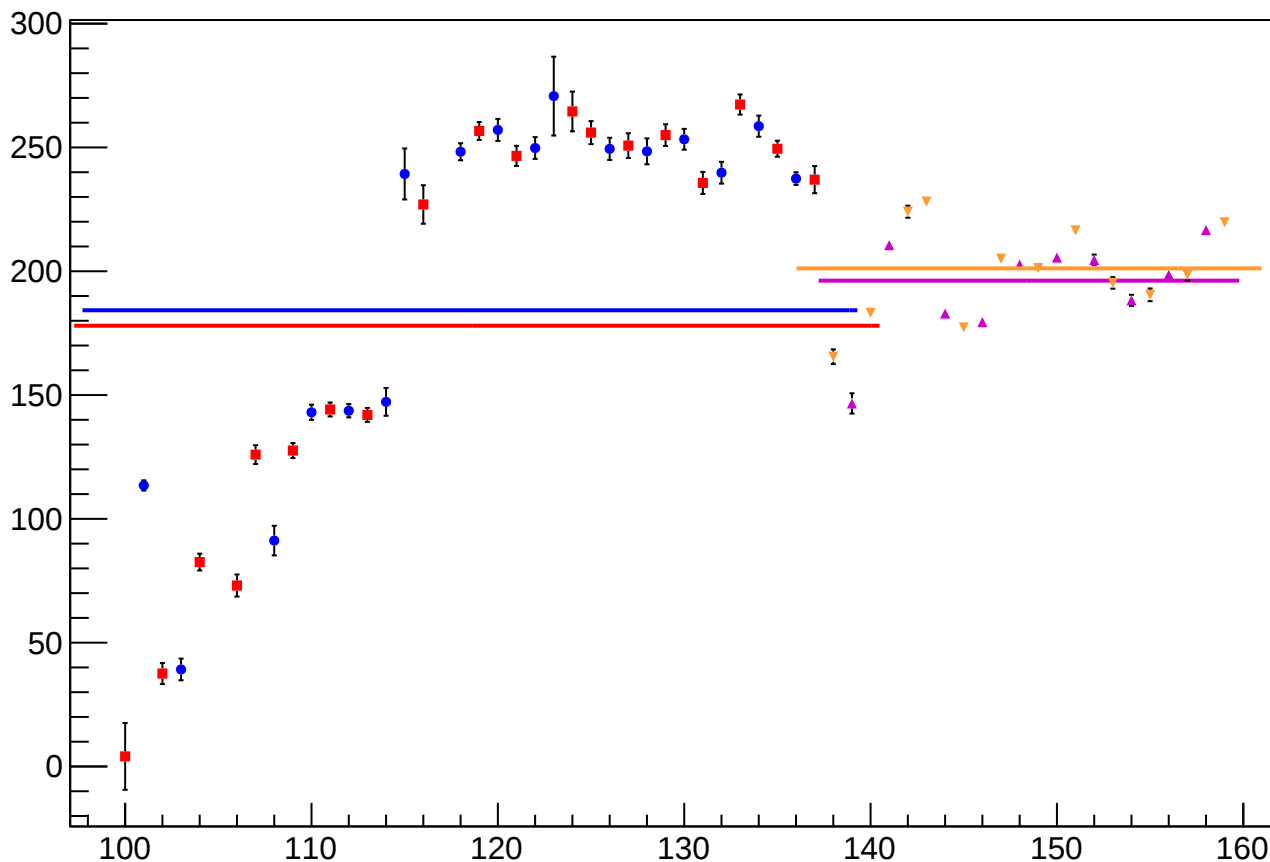
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -122.230 ± 0.629 $\chi^2/\text{NDF}: 3143.5/26$

Out: -118.844 ± 0.611 $\chi^2/\text{NDF}: 3131.7/30$

All: -120.489 ± 0.438 $\chi^2/\text{NDF}: 6290.1/57$

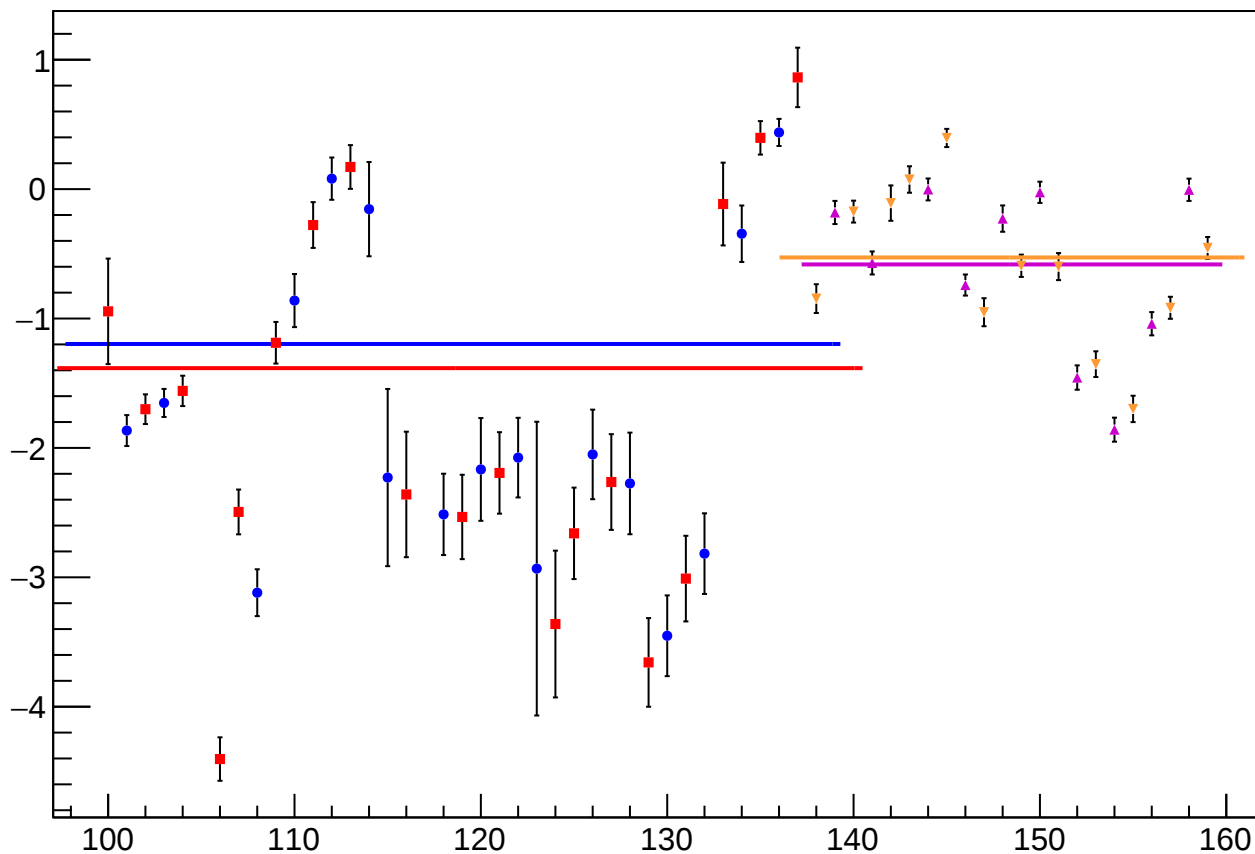
reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2/NDF : 5388.6/16
 Left Out: 201.158 $\pm$ 0.570 χ^2/NDF : 935.7/11
 Right Out: 178.003 $\pm$ 0.924 χ^2/NDF : 6338.0/18
 Left In: 196.212 $\pm$ 0.590 χ^2/NDF : 615.4/9

Left: 198.772 $\pm$ 0.410 χ^2/NDF : 1587.5/21
 Right: 181.152 $\pm$ 0.650 χ^2/NDF : 11749.6/35
 In: 192.696 $\pm$ 0.496 χ^2/NDF : 6124.7/26
 Out: 194.771 $\pm$ 0.485 χ^2/NDF : 7728.9/30
 All: 193.757 $\pm$ 0.347 χ^2/NDF : 13862.6/57

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.528 ± 0.027 χ^2/NDF : 480.7/11

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.582 ± 0.028 χ^2/NDF : 475.3/9

Left: -0.554 ± 0.019 χ^2/NDF : 957.9/21

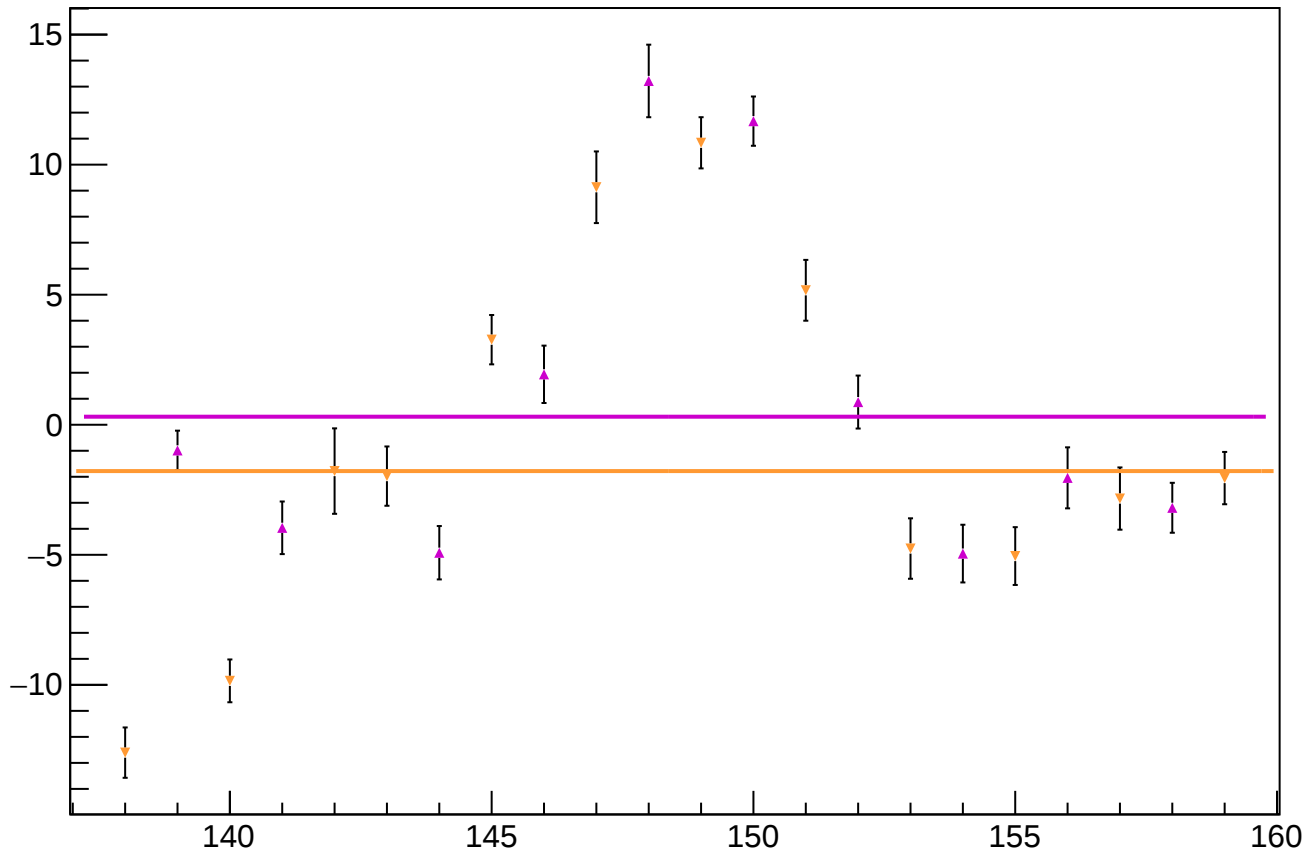
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.738 ± 0.024 χ^2/NDF : 1218.7/26

Out: -0.751 ± 0.023 χ^2/NDF : 1662.4/30

All: -0.744 ± 0.017 χ^2/NDF : 2881.2/57

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.781+/-0.311 χ^2/NDF : 528.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.310+/-0.321 χ^2/NDF : 318.6/9

Left: -0.768+/-0.223 χ^2/NDF : 868.7/21

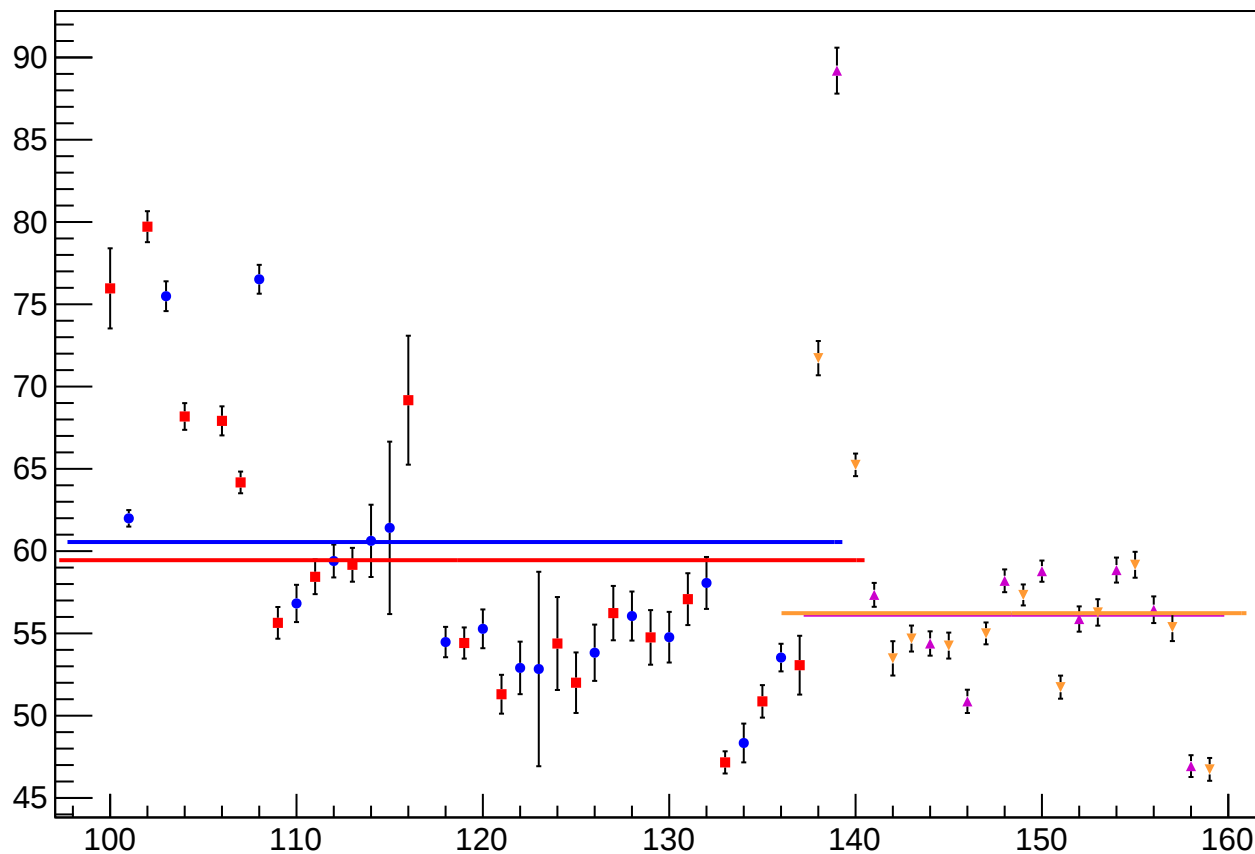
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.310+/-0.321 χ^2/NDF : 318.6/9

Out: -1.781+/-0.311 χ^2/NDF : 528.2/11

All: -0.768+/-0.223 χ^2/NDF : 868.7/21

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: 56.229 ± 0.221 $\chi^2/\text{NDF}: 660.6/11$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 56.135 ± 0.236 $\chi^2/\text{NDF}: 855.8/9$

Left: 56.185 ± 0.161 $\chi^2/\text{NDF}: 1516.5/21$

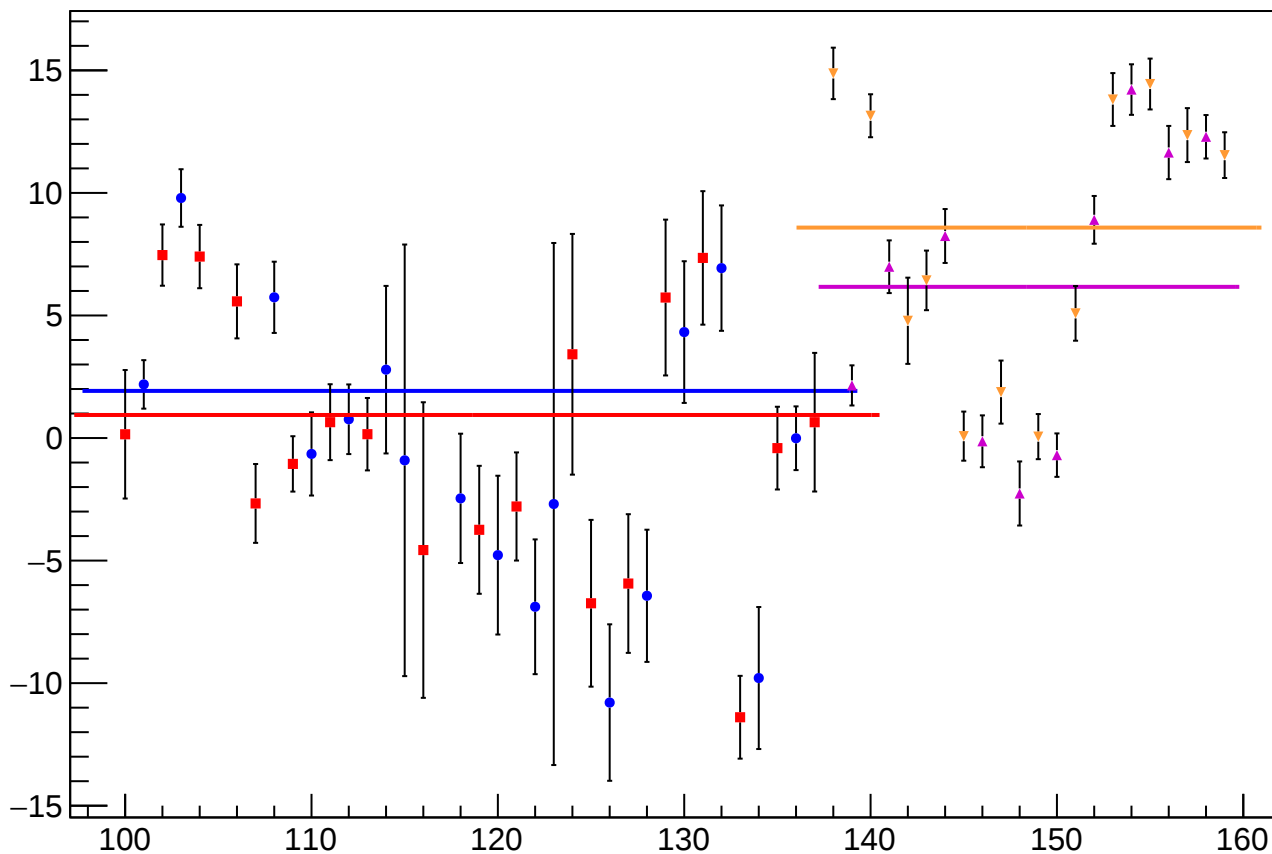
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 58.116 ± 0.175 $\chi^2/\text{NDF}: 1943.9/26$

Out: 57.654 ± 0.165 $\chi^2/\text{NDF}: 2076.1/30$

All: 57.870 ± 0.120 $\chi^2/\text{NDF}: 4023.7/57$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.586 ± 0.308 χ^2/NDF : 343.0/11

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 6.168 ± 0.315 χ^2/NDF : 307.3/9

Left: 7.407 ± 0.220 χ^2/NDF : 680.3/21

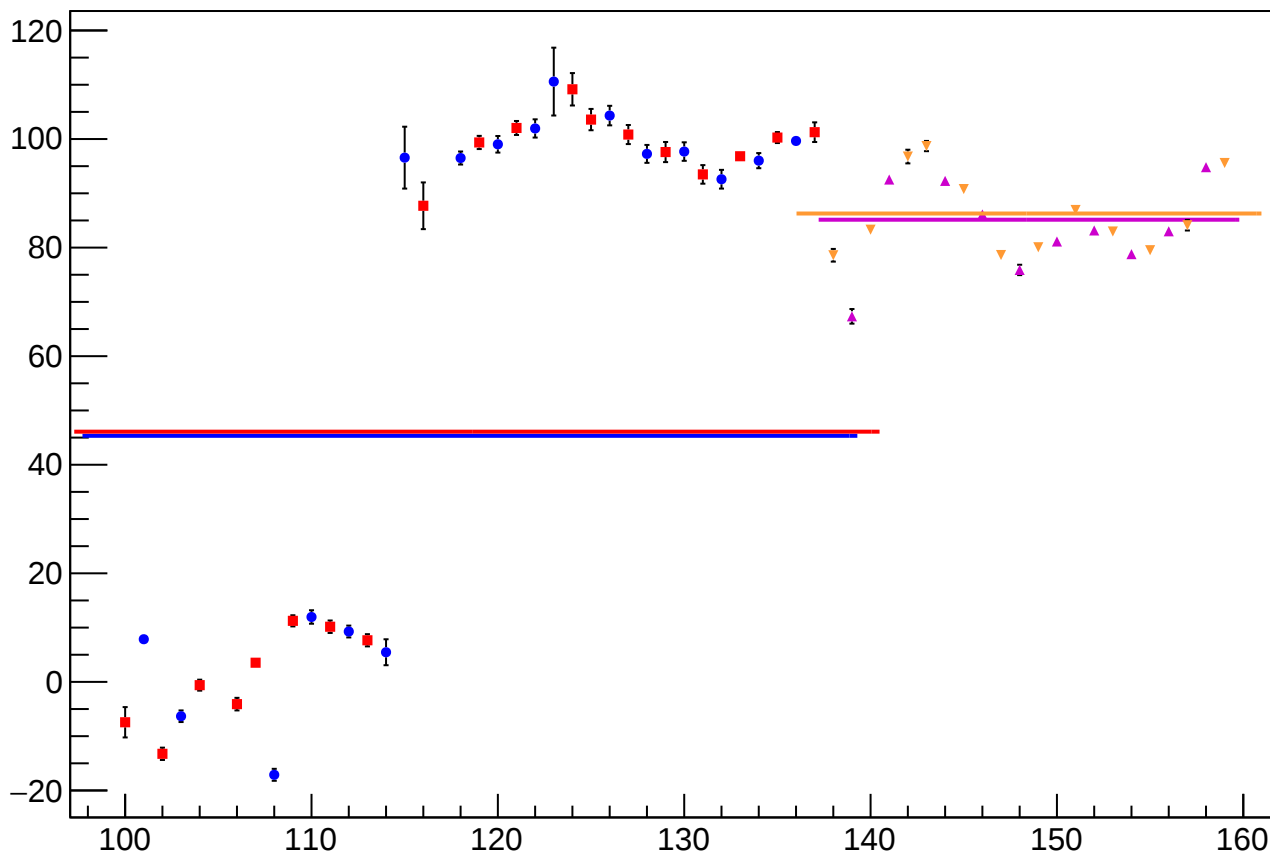
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 4.803 ± 0.260 χ^2/NDF : 486.6/26

Out: 5.948 ± 0.249 χ^2/NDF : 706.1/30

All: 5.400 ± 0.180 χ^2/NDF : 1202.7/57

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 86.280+/-0.261 χ^2/NDF : 697.9/11

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 85.137+/-0.276 χ^2/NDF : 692.6/9

Left: 85.741+/-0.189 χ^2/NDF : 1399.6/21

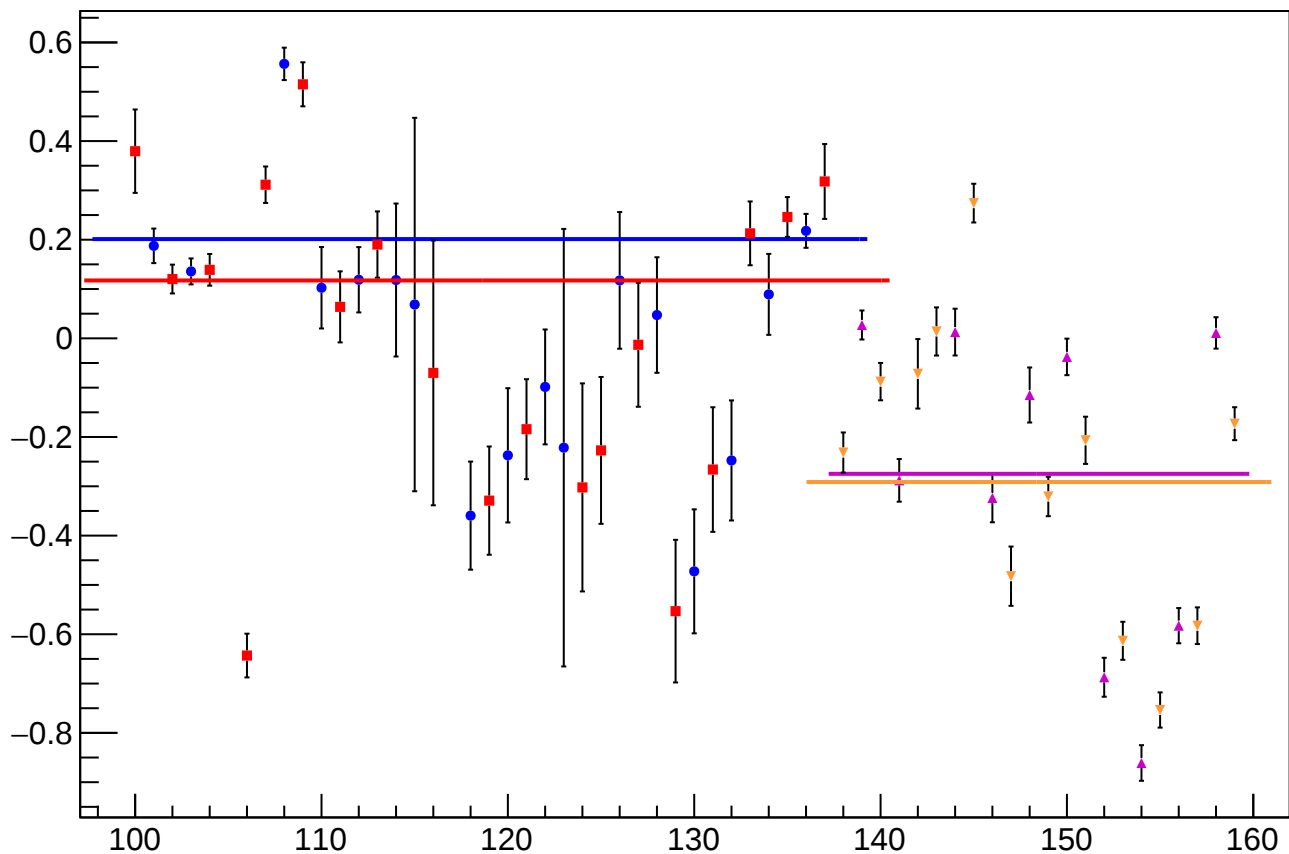
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 67.136+/-0.204 χ^2/NDF : 35116.5/26

Out: 68.265+/-0.194 χ^2/NDF : 39618.1/30

All: 67.730+/-0.140 χ^2/NDF : 74750.7/57

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.291 ± 0.012 χ^2/NDF : 612.3/11

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.275 ± 0.012 χ^2/NDF : 719.7/9

Left: -0.283 ± 0.009 χ^2/NDF : 1332.9/21

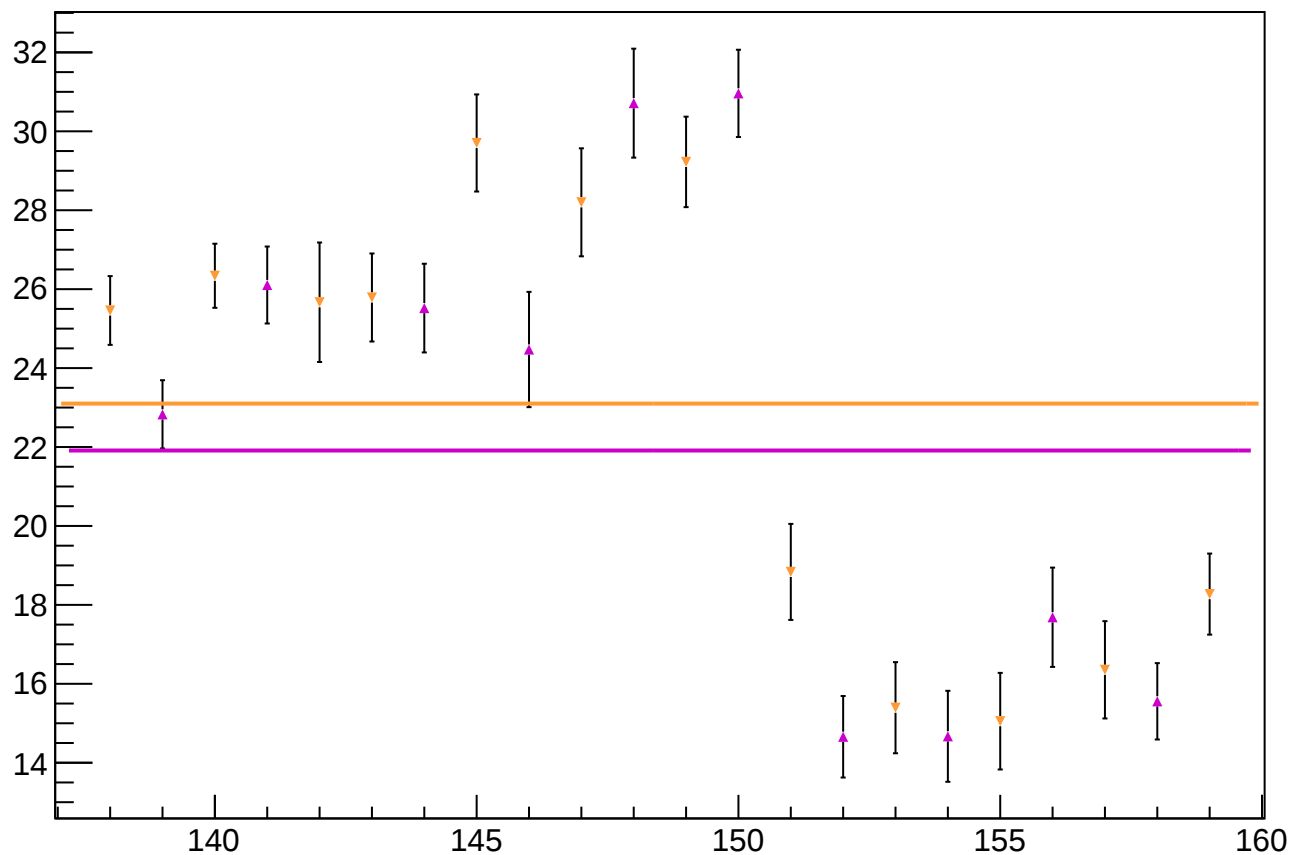
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.071 ± 0.009 χ^2/NDF : 1594.0/26

Out: -0.104 ± 0.009 χ^2/NDF : 1646.2/30

All: -0.088 ± 0.006 χ^2/NDF : 3247.1/57

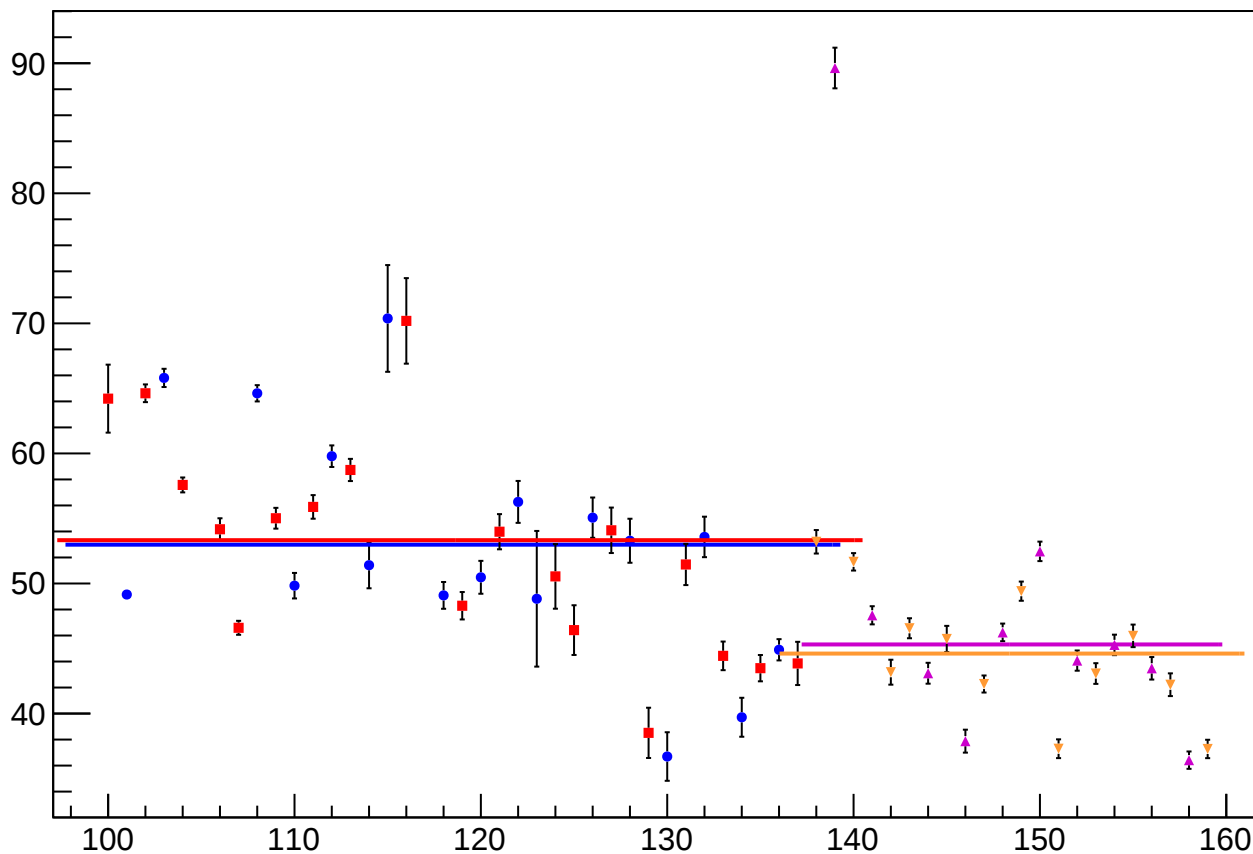
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.101+/-0.321 χ^2/NDF :255.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.912+/-0.345 χ^2/NDF :283.8/9

Left: 22.550+/-0.235 χ^2/NDF : 545.5/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.912+/-0.345 χ^2/NDF :283.8/9
 Out: 23.101+/-0.321 χ^2/NDF :255.3/11
 All: 22.550+/-0.235 χ^2/NDF : 545.5/21

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 44.611 $\pm$ 0.226 χ^2 /NDF:490.3/11

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 45.313 $\pm$ 0.249 χ^2 /NDF:1170.9/9

Left: 44.929 $\pm$ 0.168 χ^2 /NDF: 1665.5/21

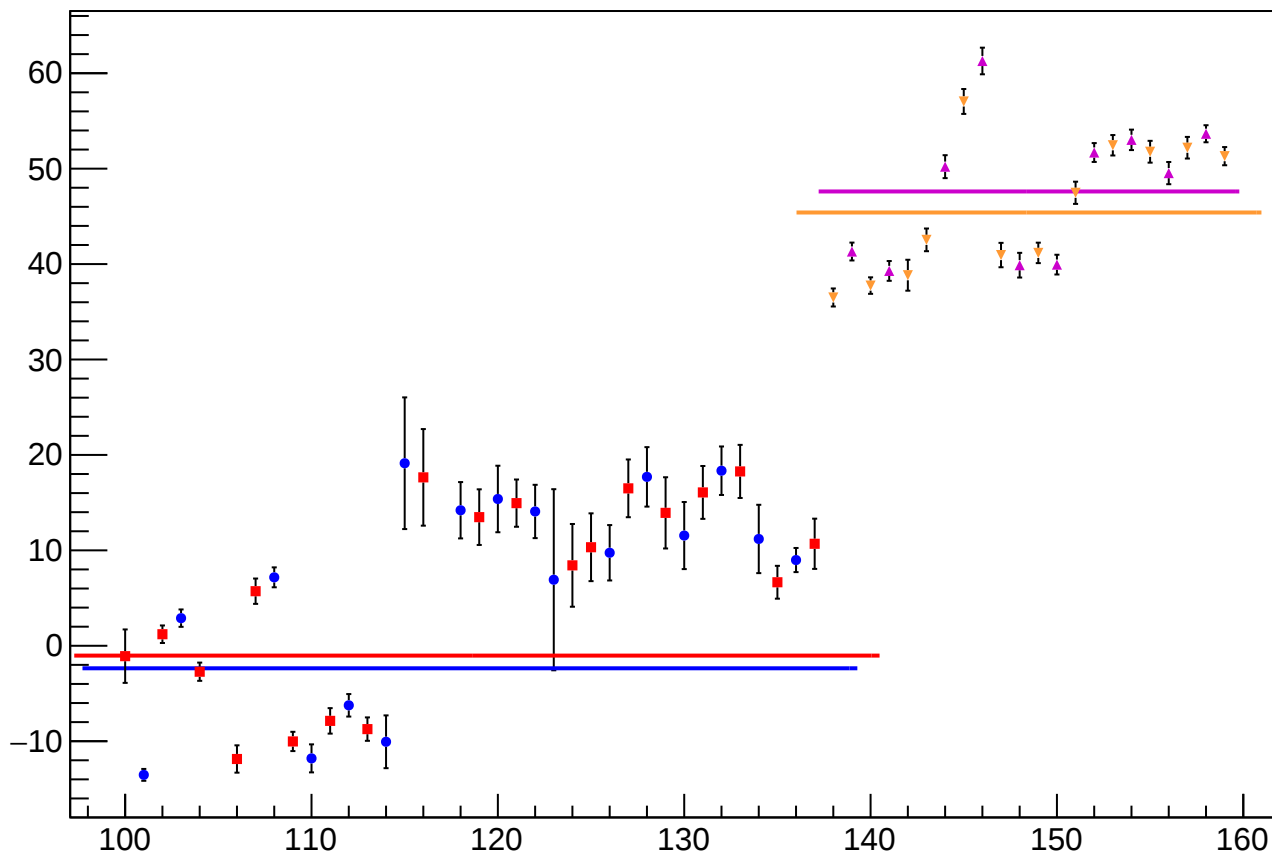
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 49.793 $\pm$ 0.161 χ^2 /NDF:2922.4/26

Out: 48.967 $\pm$ 0.160 χ^2 /NDF:2105.6/30

All: 49.378 $\pm$ 0.113 χ^2 /NDF: 5041.3/57

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 45.405 ± 0.318 χ^2/NDF : 448.5/11

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 47.609 ± 0.339 χ^2/NDF : 392.1/9

Left: 46.437 ± 0.232 χ^2/NDF : 863.0/21

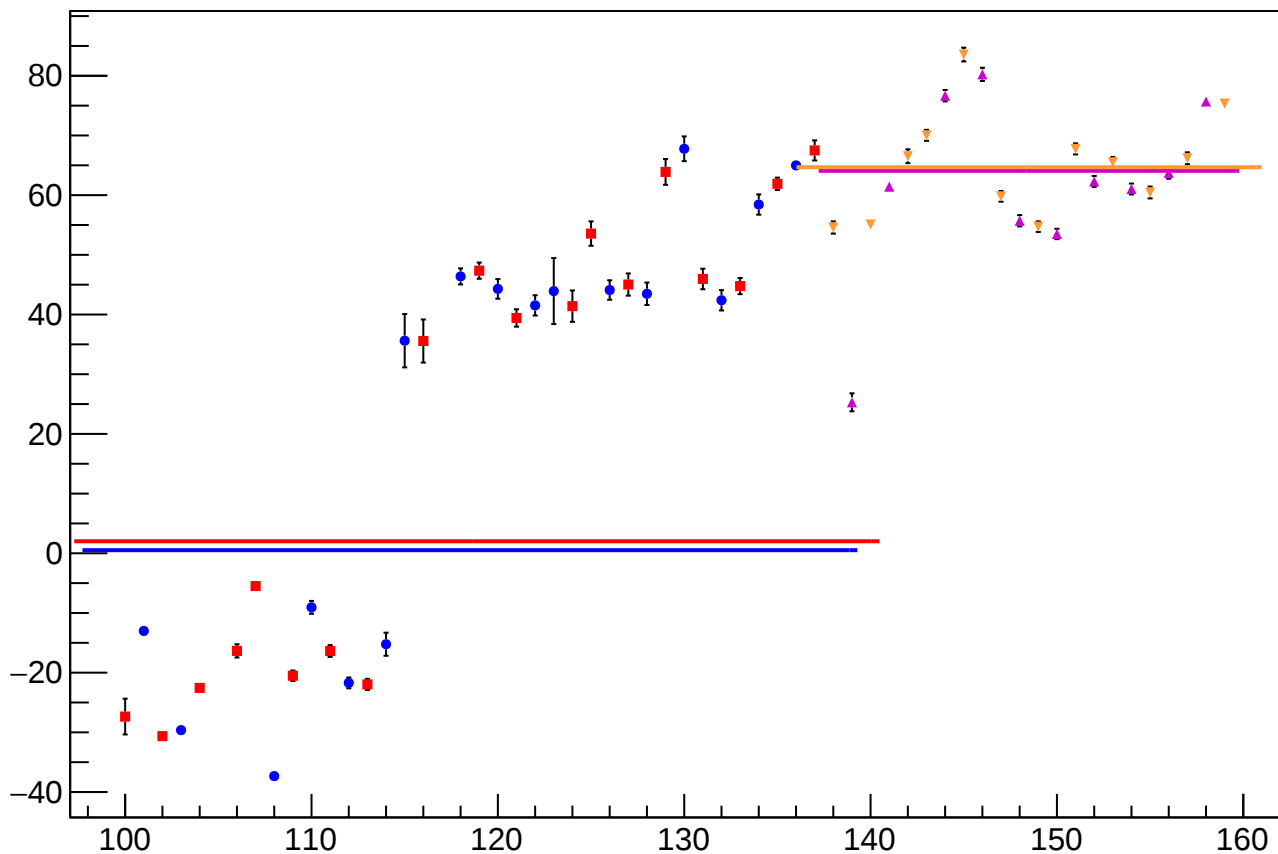
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 24.397 ± 0.248 χ^2/NDF : 11313.3/26

Out: 26.066 ± 0.243 χ^2/NDF : 9818.3/30

All: 25.249 ± 0.174 χ^2/NDF : 21154.6/57

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 64.680 ± 0.269 χ^2/NDF : 933.7/11

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 64.082 ± 0.292 χ^2/NDF : 1577.0/9

Left: 64.406 ± 0.198 χ^2/NDF : 2513.0/21

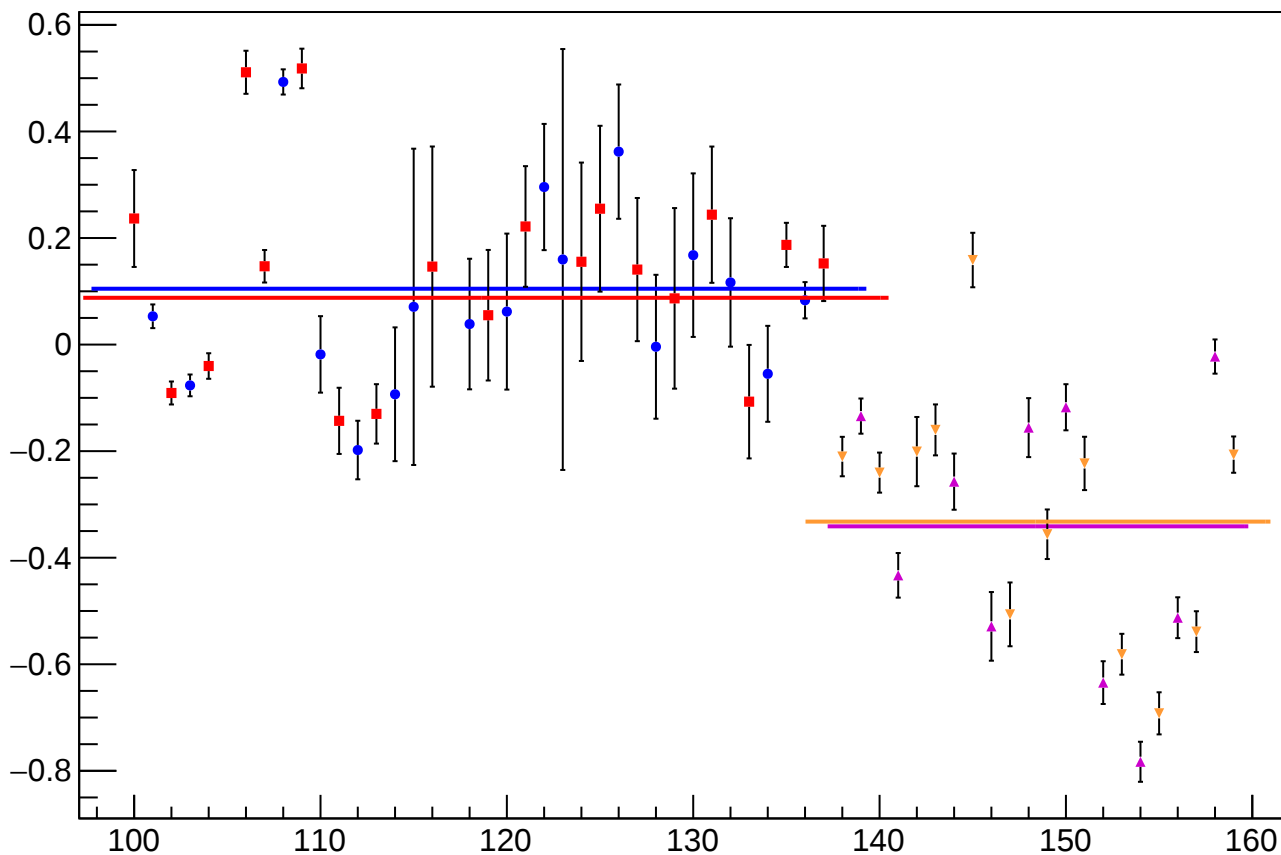
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 26.972 ± 0.189 χ^2/NDF : 47541.1/26

Out: 33.086 ± 0.189 χ^2/NDF : 43856.6/30

All: 30.022 ± 0.134 χ^2/NDF : 91921.5/57

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: -0.332 ± 0.012 $\chi^2/\text{NDF}: 307.4/11$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.341 ± 0.013 $\chi^2/\text{NDF}: 403.3/9$

Left: -0.336 ± 0.009 $\chi^2/\text{NDF}: 710.9/21$

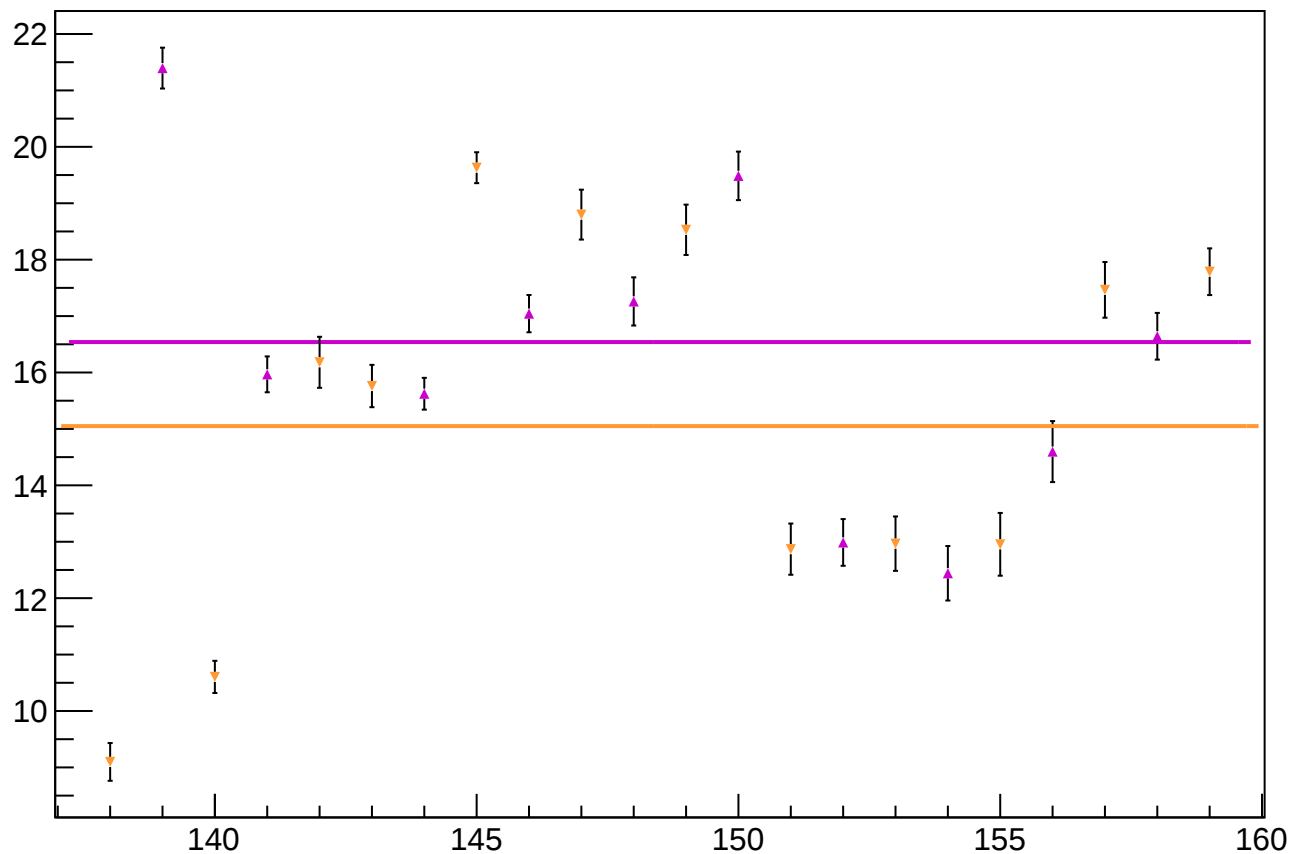
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.082 ± 0.008 $\chi^2/\text{NDF}: 1488.9/26$

Out: -0.097 ± 0.008 $\chi^2/\text{NDF}: 1340.3/30$

All: -0.090 ± 0.006 $\chi^2/\text{NDF}: 2830.9/57$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 15.050 $\pm$ 0.113 χ^2 /NDF:1104.6/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 16.540 $\pm$ 0.120 χ^2 /NDF:404.4/9

Left: 15.747 $\pm$ 0.082 χ^2 /NDF: 1591.1/21

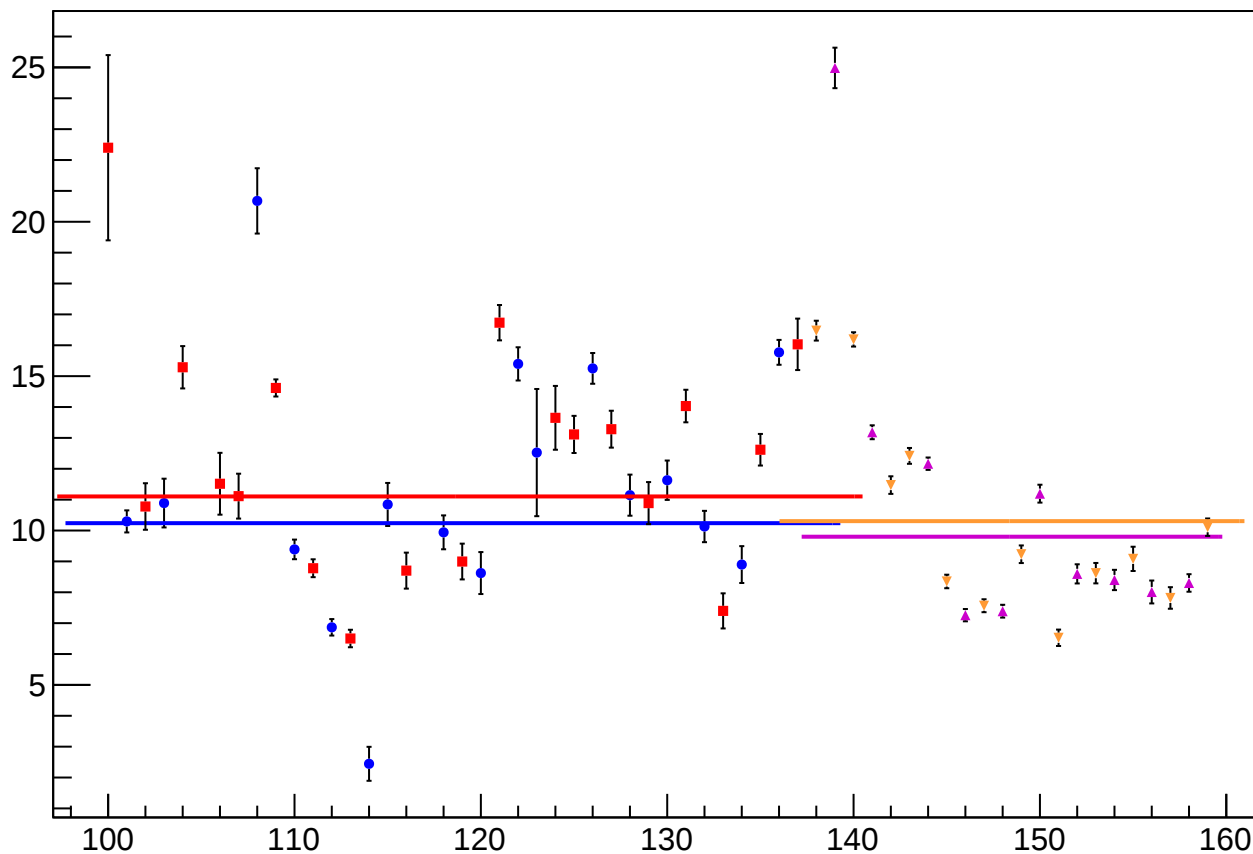
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 16.540 $\pm$ 0.120 χ^2 /NDF:404.4/9

Out: 15.050 $\pm$ 0.113 χ^2 /NDF:1104.6/11

All: 15.747 $\pm$ 0.082 χ^2 /NDF: 1591.1/21

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.304 ± 0.079 χ^2/NDF : 1653.1/11

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 9.800 ± 0.083 χ^2/NDF : 1305.9/9

Left: 10.065 ± 0.057 χ^2/NDF : 2978.6/21

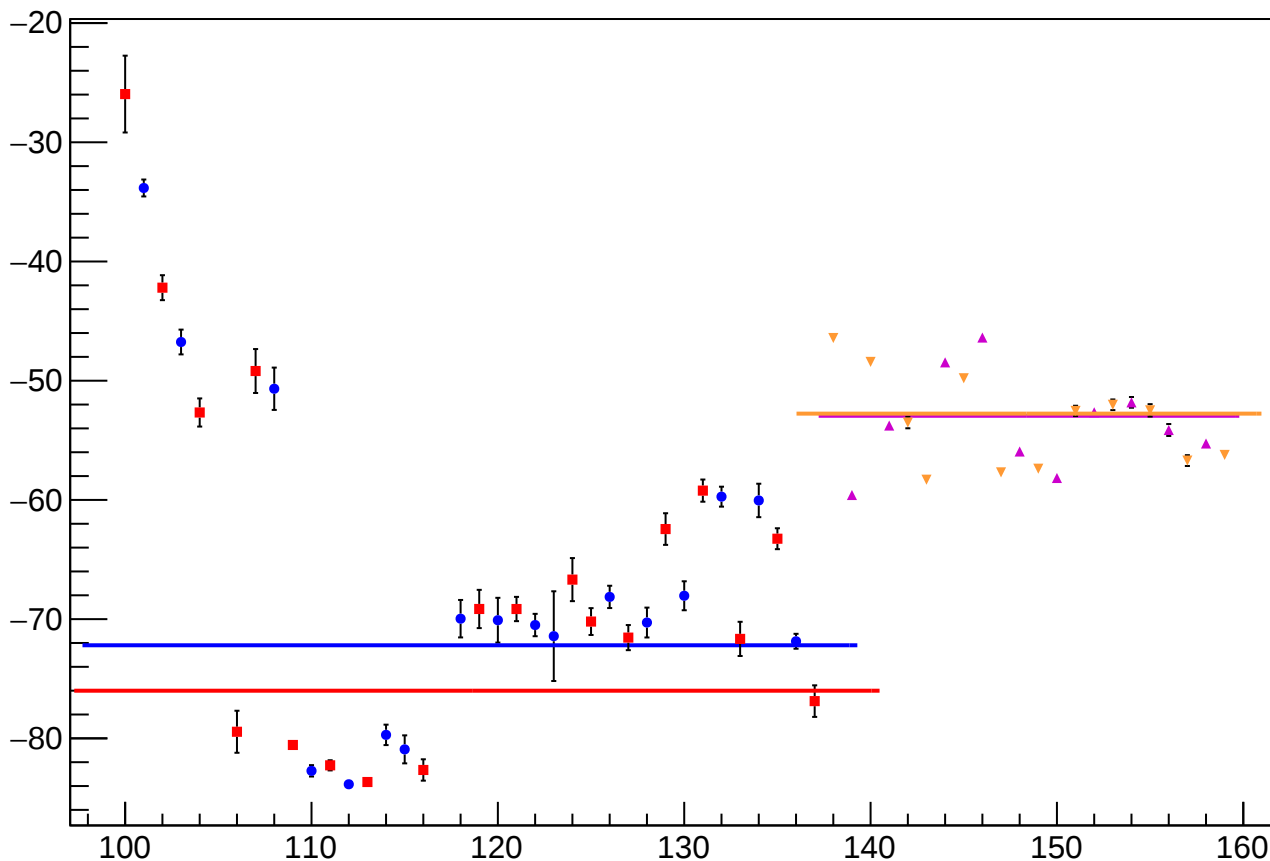
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 9.942 ± 0.068 χ^2/NDF : 2182.5/26

Out: 10.554 ± 0.065 χ^2/NDF : 2500.8/30

All: 10.261 ± 0.047 χ^2/NDF : 4725.6/57

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.761 ± 0.113 χ^2/NDF : 1232.0/11

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -52.941 ± 0.119 χ^2/NDF : 1217.3/9

Left: -52.847 ± 0.082 χ^2/NDF : 2450.5/21

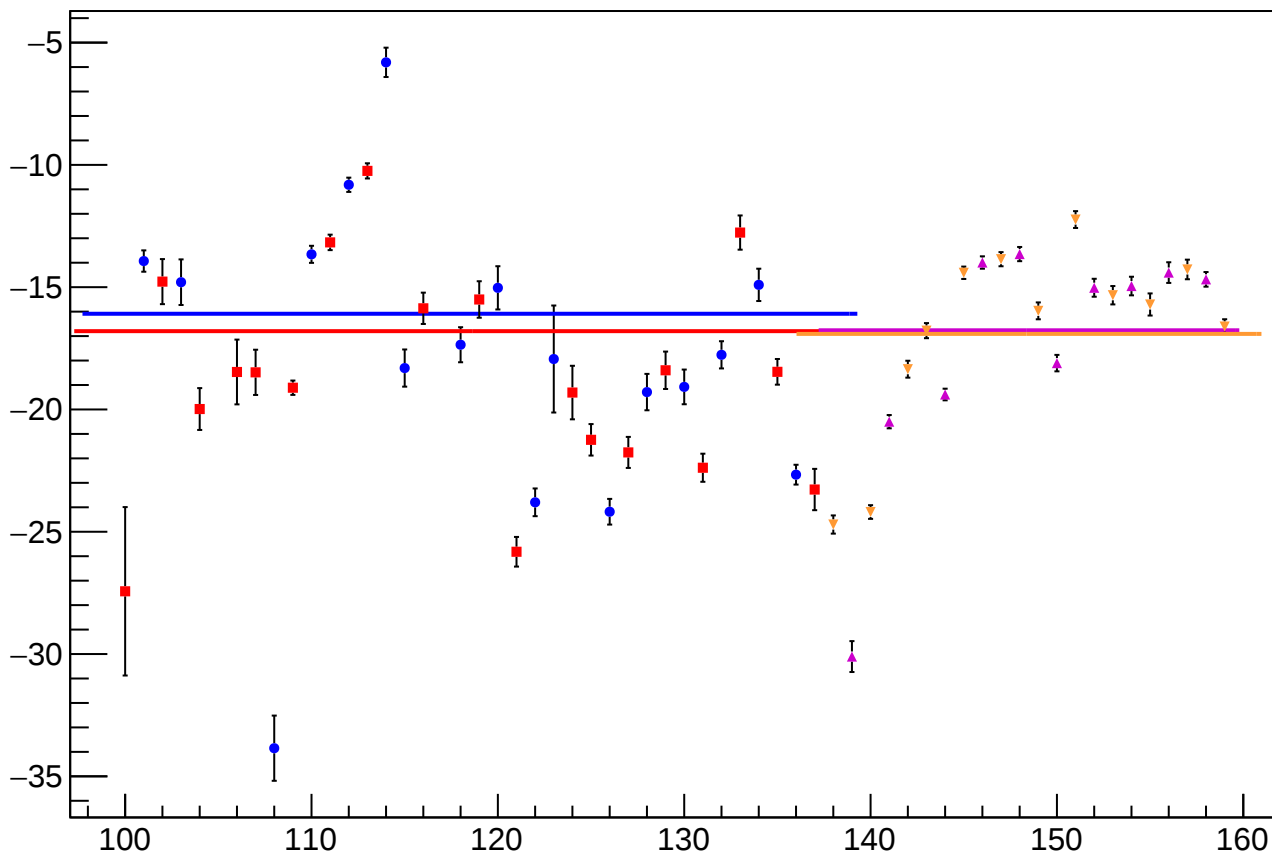
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -58.034 ± 0.102 χ^2/NDF : 13723.3/26

Out: -59.308 ± 0.096 χ^2/NDF : 16548.4/30

All: -58.709 ± 0.070 χ^2/NDF : 30354.5/57

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -16.910 ± 0.094 $\chi^2/\text{NDF}: 1602.5/11$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -16.763 ± 0.099 $\chi^2/\text{NDF}: 1132.0/9$

Left: -16.841 ± 0.068 $\chi^2/\text{NDF}: 2735.6/21$

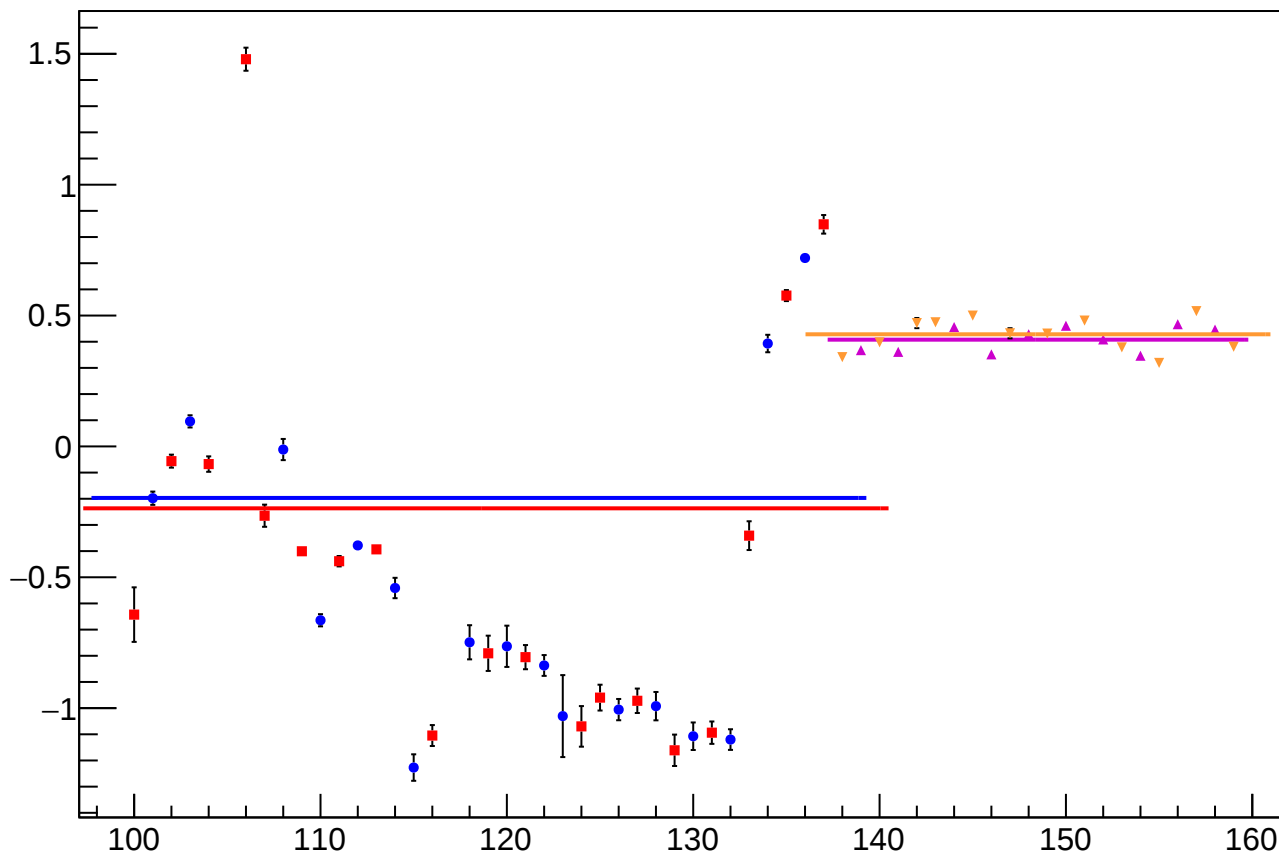
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -16.519 ± 0.080 $\chi^2/\text{NDF}: 2770.4/26$

Out: -16.871 ± 0.076 $\chi^2/\text{NDF}: 2817.0/30$

All: -16.703 ± 0.055 $\chi^2/\text{NDF}: 5597.6/57$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.428 ± 0.004 χ^2/NDF : 193.7/11

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.408 ± 0.005 χ^2/NDF : 95.3/9

Left: 0.419 ± 0.003 χ^2/NDF : 298.9/21

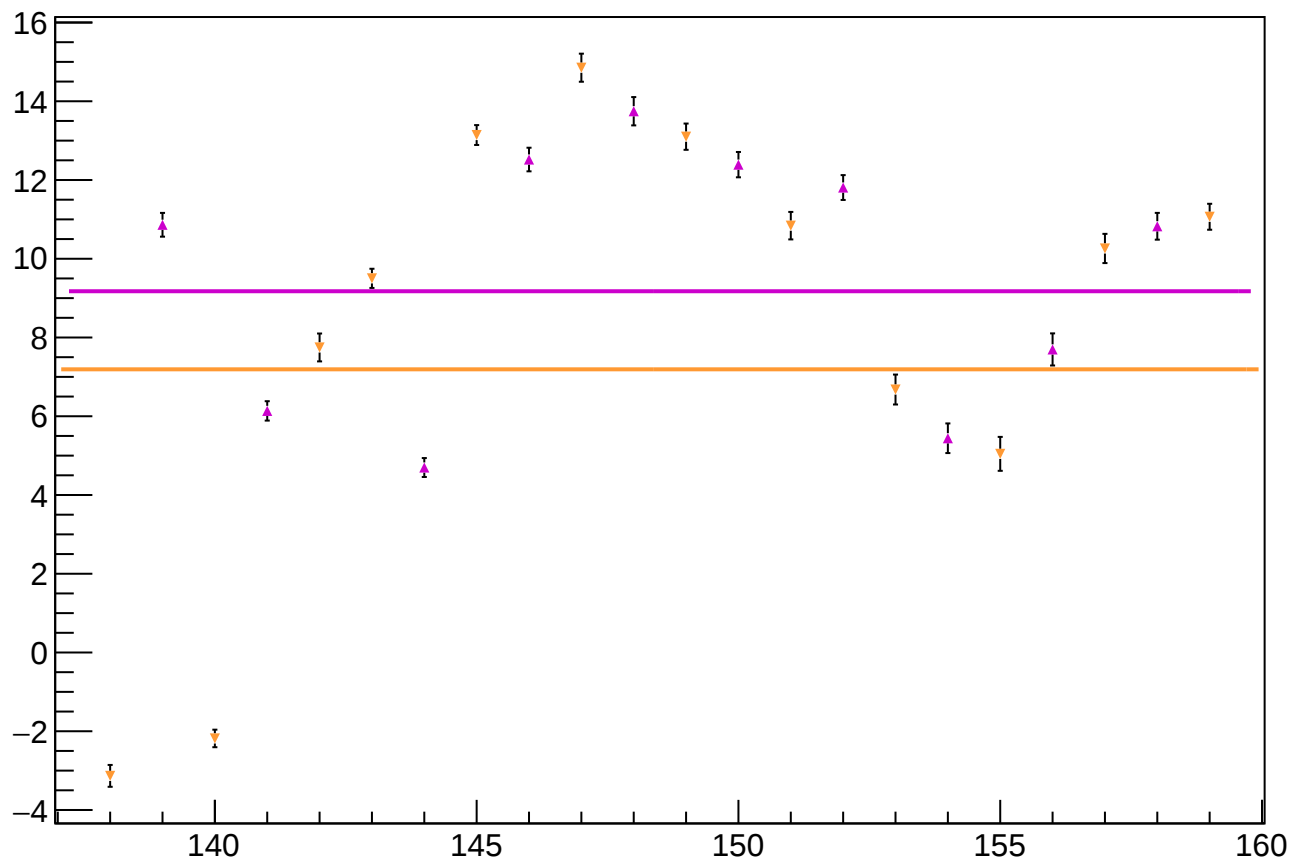
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.238 ± 0.004 χ^2/NDF : 11036.0/26

Out: 0.241 ± 0.004 χ^2/NDF : 12593.7/30

All: 0.240 ± 0.003 χ^2/NDF : 23630.2/57

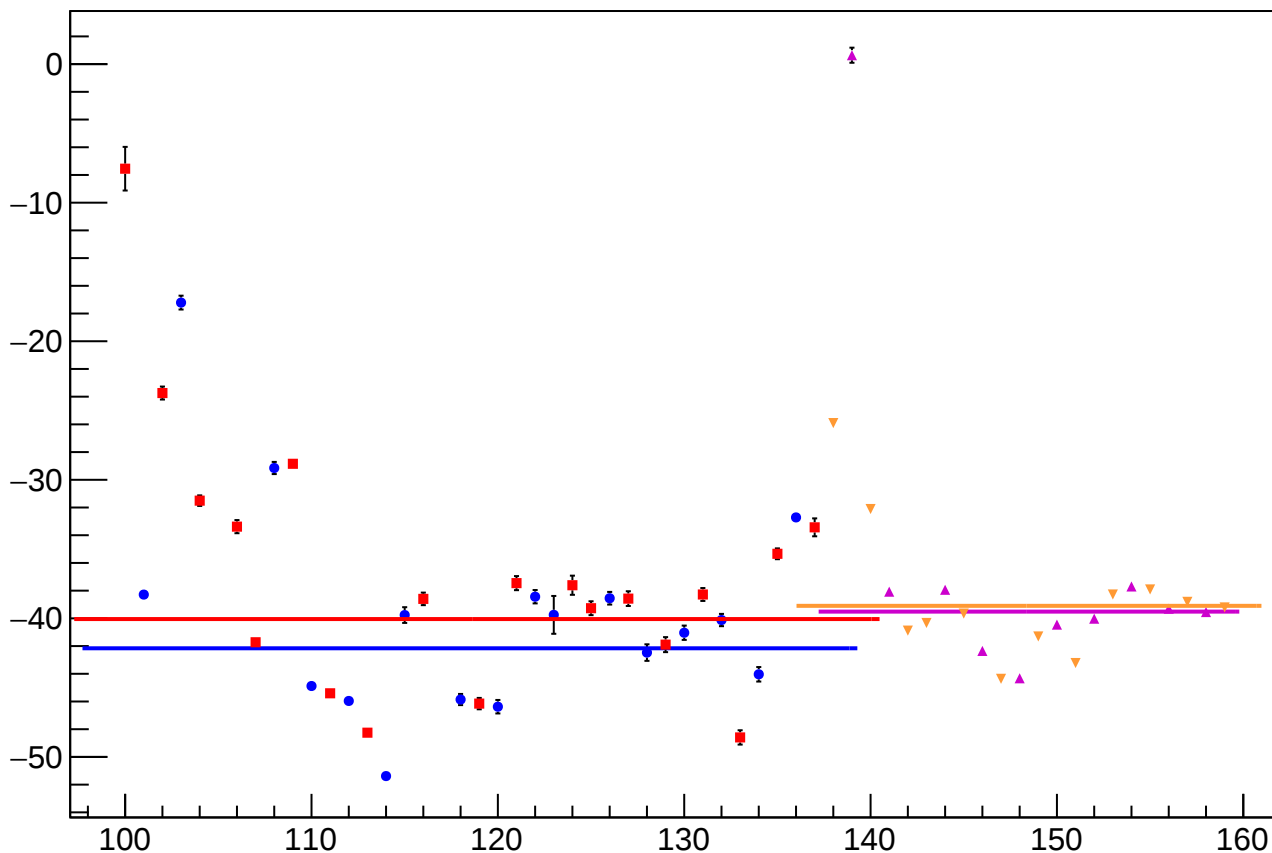
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.192+/-0.089 χ^2/NDF :4922.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.175+/-0.098 χ^2/NDF :1121.3/9

Left: 8.088+/-0.066 χ^2/NDF : 6270.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.175+/-0.098 χ^2/NDF :1121.3/9
 Out: 7.192+/-0.089 χ^2/NDF :4922.3/11
 All: 8.088+/-0.066 χ^2/NDF : 6270.2/21

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -39.096 ± 0.062 $\chi^2/\text{NDF}: 5514.2/11$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.513 ± 0.068 $\chi^2/\text{NDF}: 6643.4/9$

Left: -39.284 ± 0.046 $\chi^2/\text{NDF}: 12178.2/21$

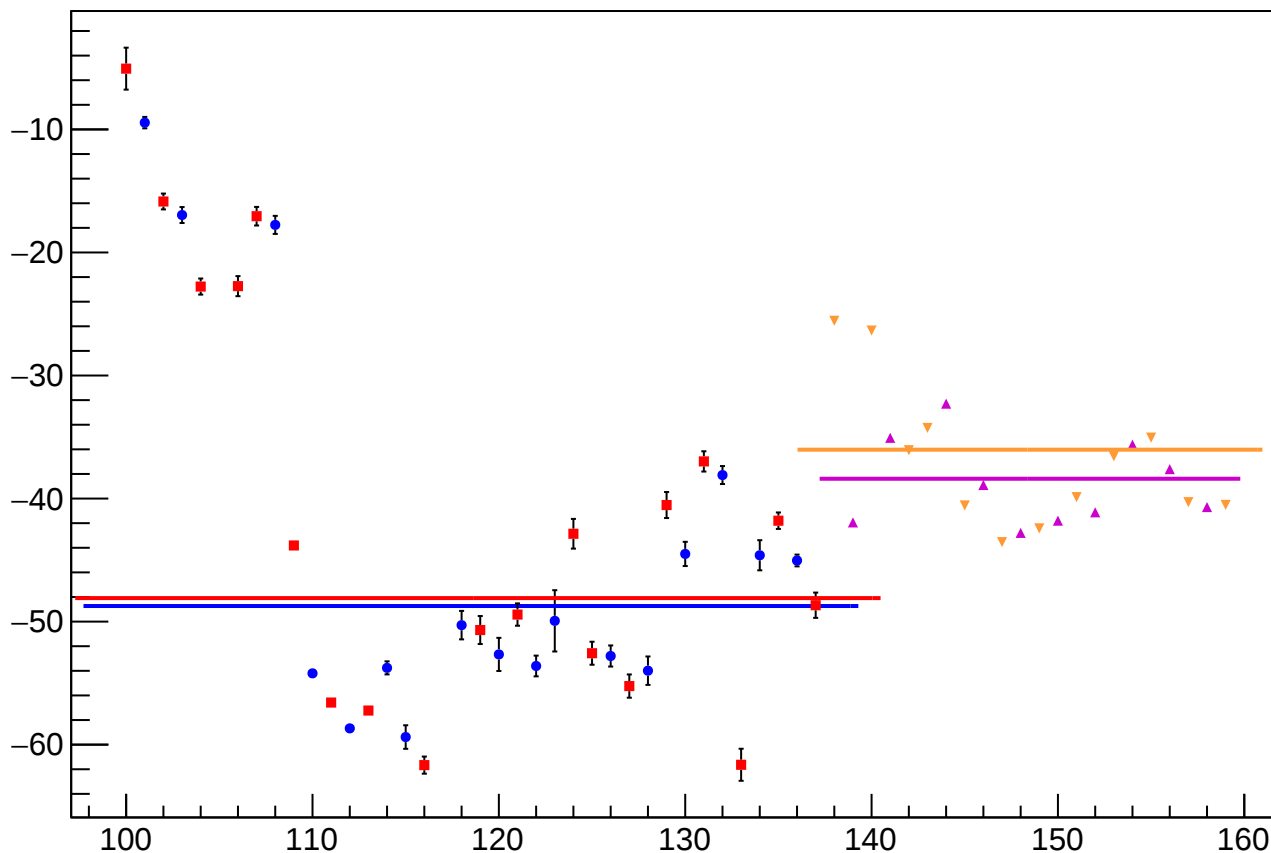
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.656 ± 0.051 $\chi^2/\text{NDF}: 13869.6/26$

Out: -39.494 ± 0.047 $\chi^2/\text{NDF}: 16925.7/30$

All: -40.026 ± 0.035 $\chi^2/\text{NDF}: 31075.0/57$

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: -36.028 ± 0.089 $\chi^2/\text{NDF}: 4654.4/11$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.390 ± 0.097 $\chi^2/\text{NDF}: 1346.2/9$

Left: -37.113 ± 0.065 $\chi^2/\text{NDF}: 6324.2/21$

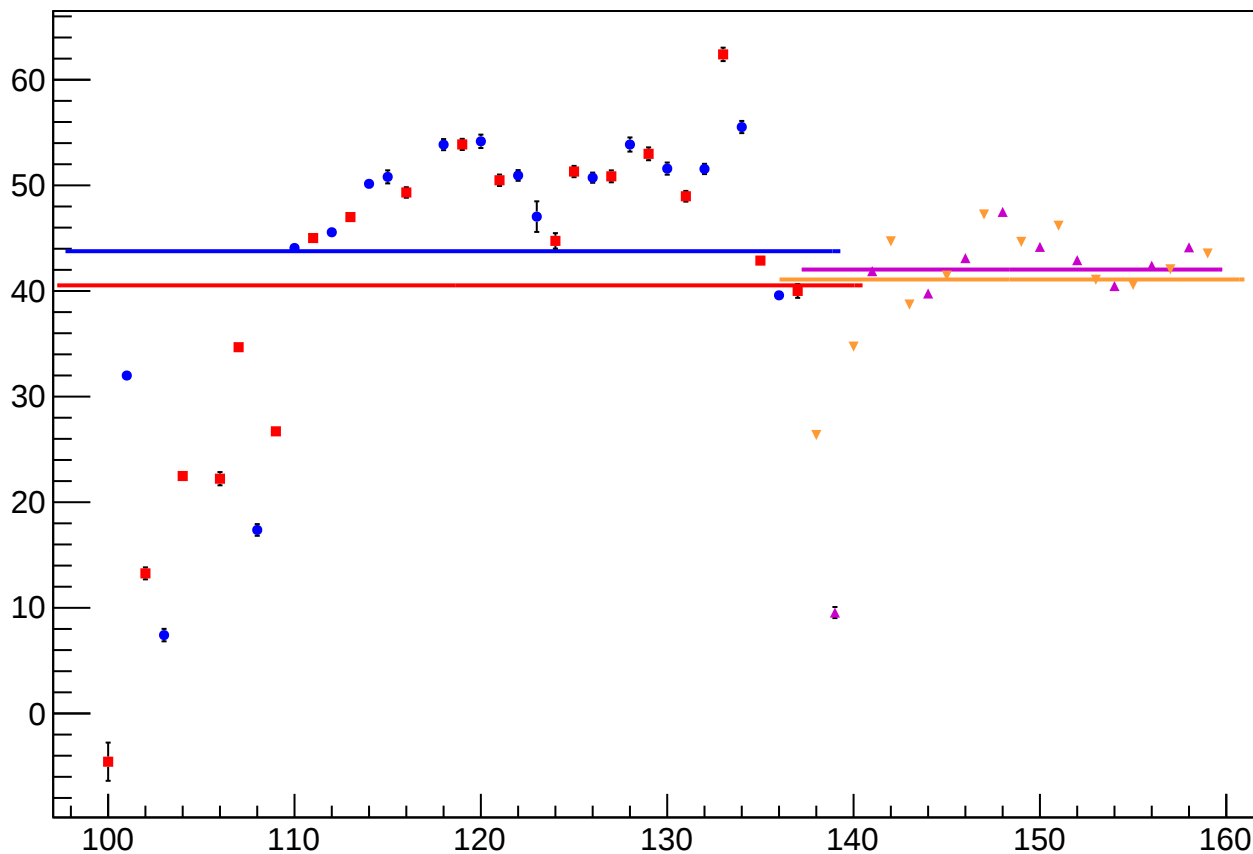
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.267 ± 0.076 $\chi^2/\text{NDF}: 20308.1/26$

Out: -40.948 ± 0.068 $\chi^2/\text{NDF}: 23879.1/30$

All: -41.536 ± 0.051 $\chi^2/\text{NDF}: 44352.7/57$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 41.088 $\pm$ 0.074 χ^2 /NDF: 4782.7/11

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 42.030 $\pm$ 0.081 χ^2 /NDF: 4664.9/9

Left: 41.514 $\pm$ 0.055 χ^2 /NDF: 9521.2/21

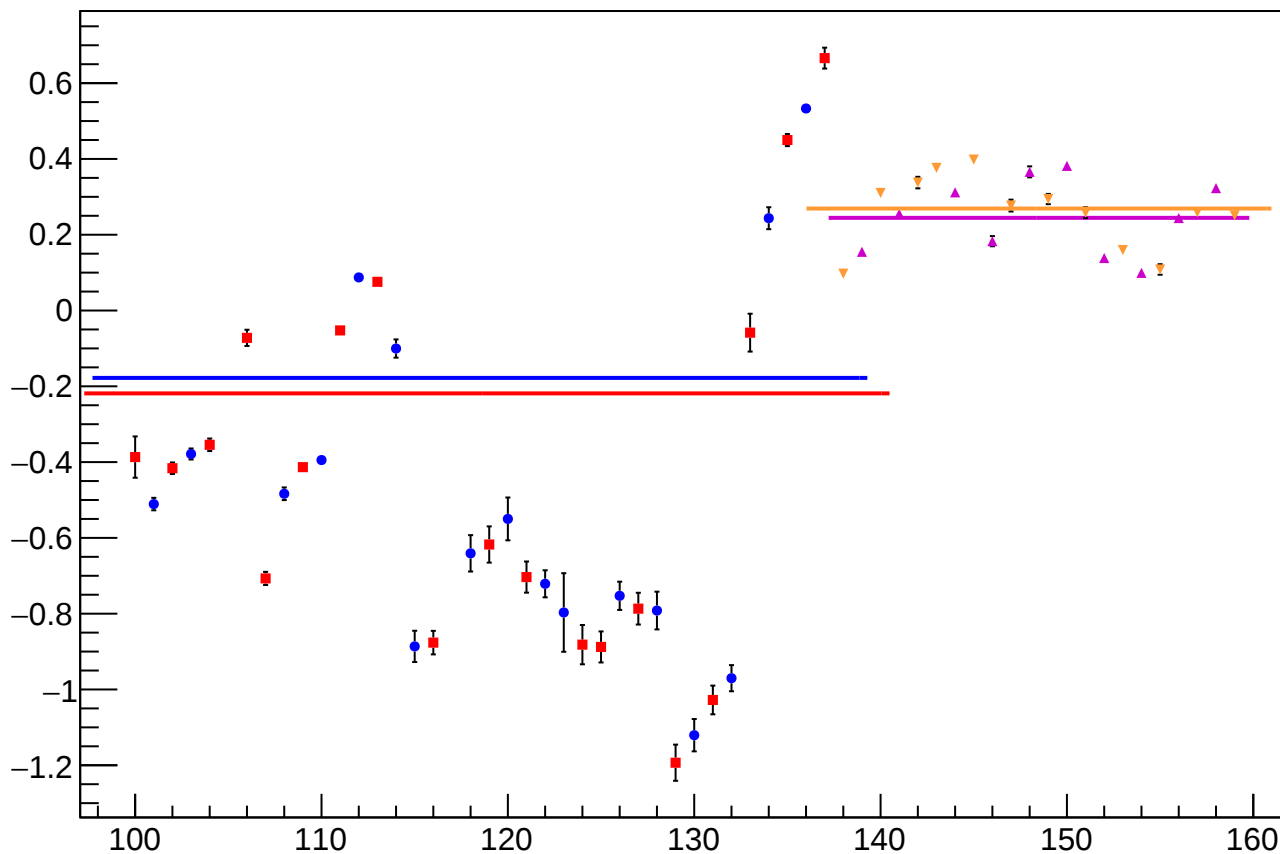
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.841 $\pm$ 0.059 χ^2 /NDF: 15511.9/26

Out: 40.833 $\pm$ 0.054 χ^2 /NDF: 22389.6/30

All: 41.749 $\pm$ 0.040 χ^2 /NDF: 38524.8/57

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.269 ± 0.004 χ^2/NDF : 716.2/11

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.245 ± 0.004 χ^2/NDF : 570.1/9

Left: 0.258 ± 0.003 χ^2/NDF : 1308.6/21

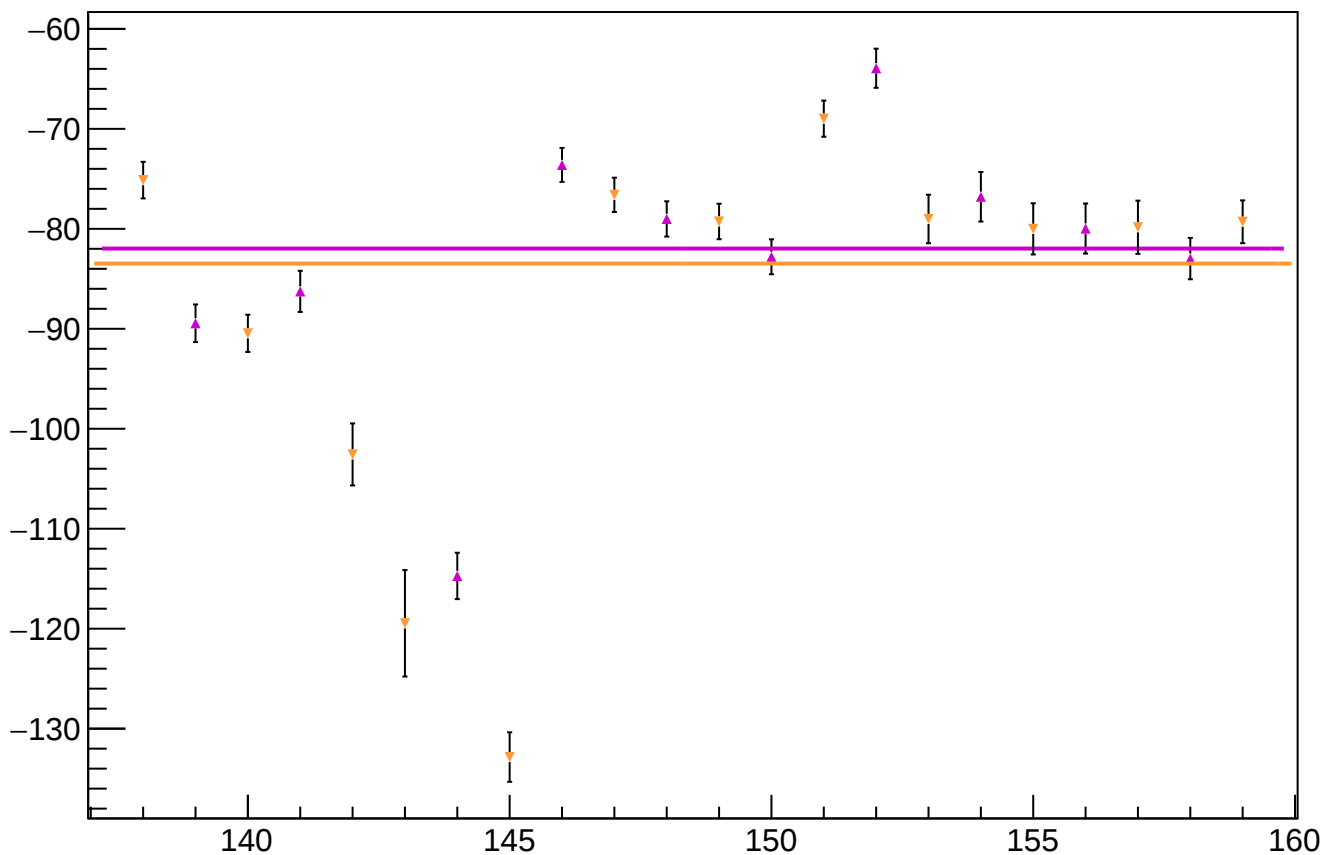
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.083 ± 0.003 χ^2/NDF : 12626.3/26

Out: 0.073 ± 0.003 χ^2/NDF : 15882.3/30

All: 0.078 ± 0.002 χ^2/NDF : 28514.1/57

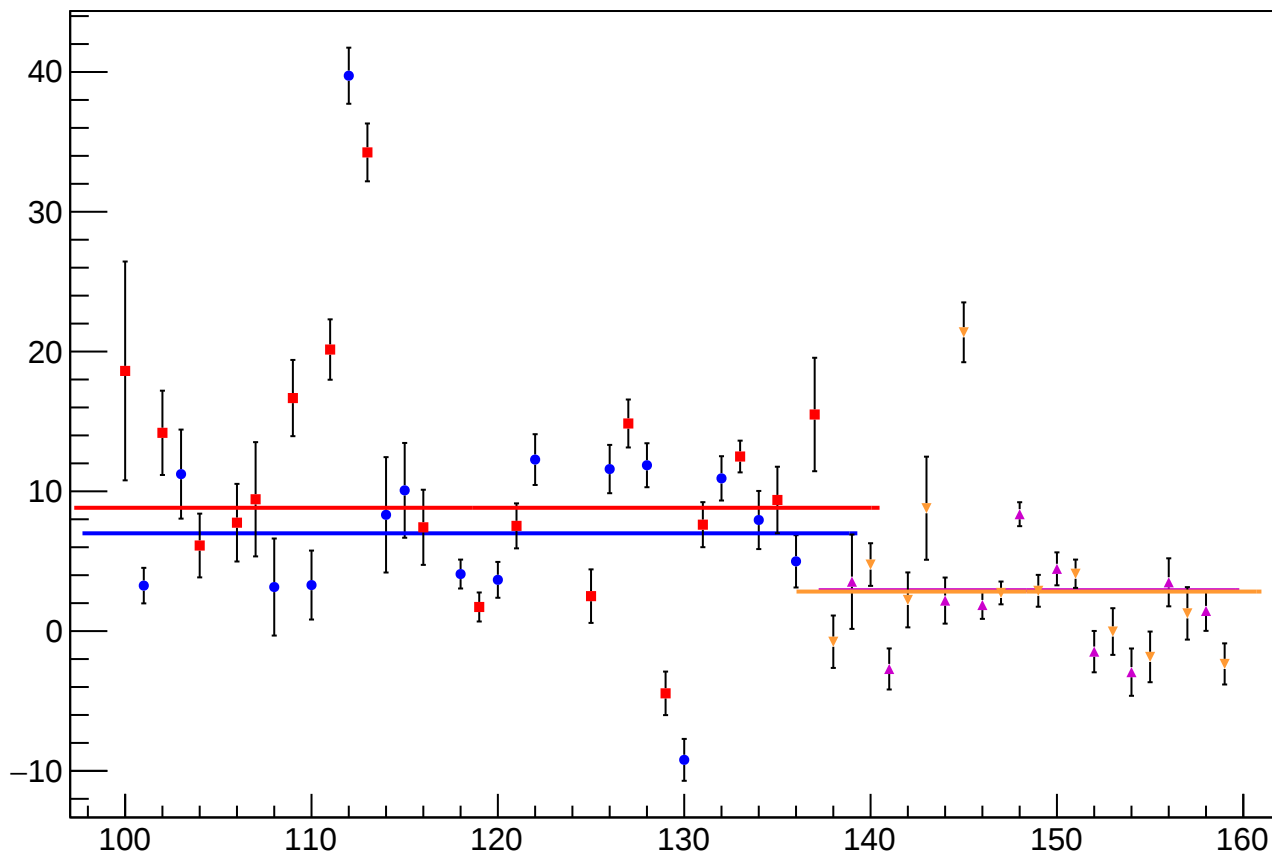
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -83.481+/-0.628 χ^2/NDF : 612.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -81.975+/-0.630 χ^2/NDF : 337.2/9

Left: -82.730+/-0.445 χ^2/NDF : 952.8/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -81.975+/-0.630 χ^2/NDF : 337.2/9
 Out: -83.481+/-0.628 χ^2/NDF : 612.7/11
 All: -82.730+/-0.445 χ^2/NDF : 952.8/21

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: 2.828 ± 0.411 $\chi^2/\text{NDF}: 107.4/11$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.928 ± 0.420 $\chi^2/\text{NDF}: 80.1/9$

Left: 2.877 ± 0.294 $\chi^2/\text{NDF}: 187.5/21$

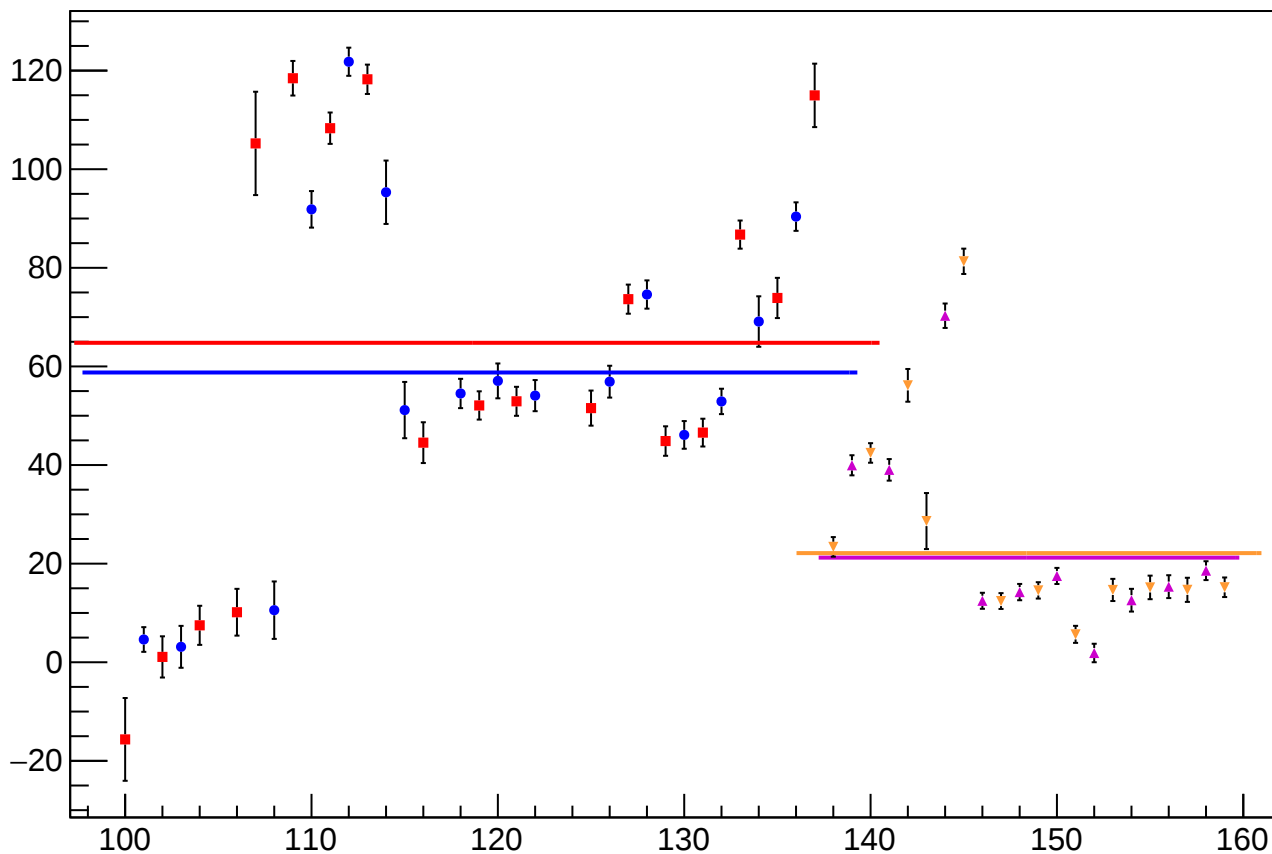
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.896 ± 0.302 $\chi^2/\text{NDF}: 570.8/25$

Out: 5.562 ± 0.303 $\chi^2/\text{NDF}: 554.8/29$

All: 5.228 ± 0.214 $\chi^2/\text{NDF}: 1128.1/55$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 22.137 $\pm$ 0.613 χ^2 /NDF:931.7/11

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 21.222 $\pm$ 0.613 χ^2 /NDF:723.4/9

Left: 21.679 $\pm$ 0.433 χ^2 /NDF: 1656.2/21

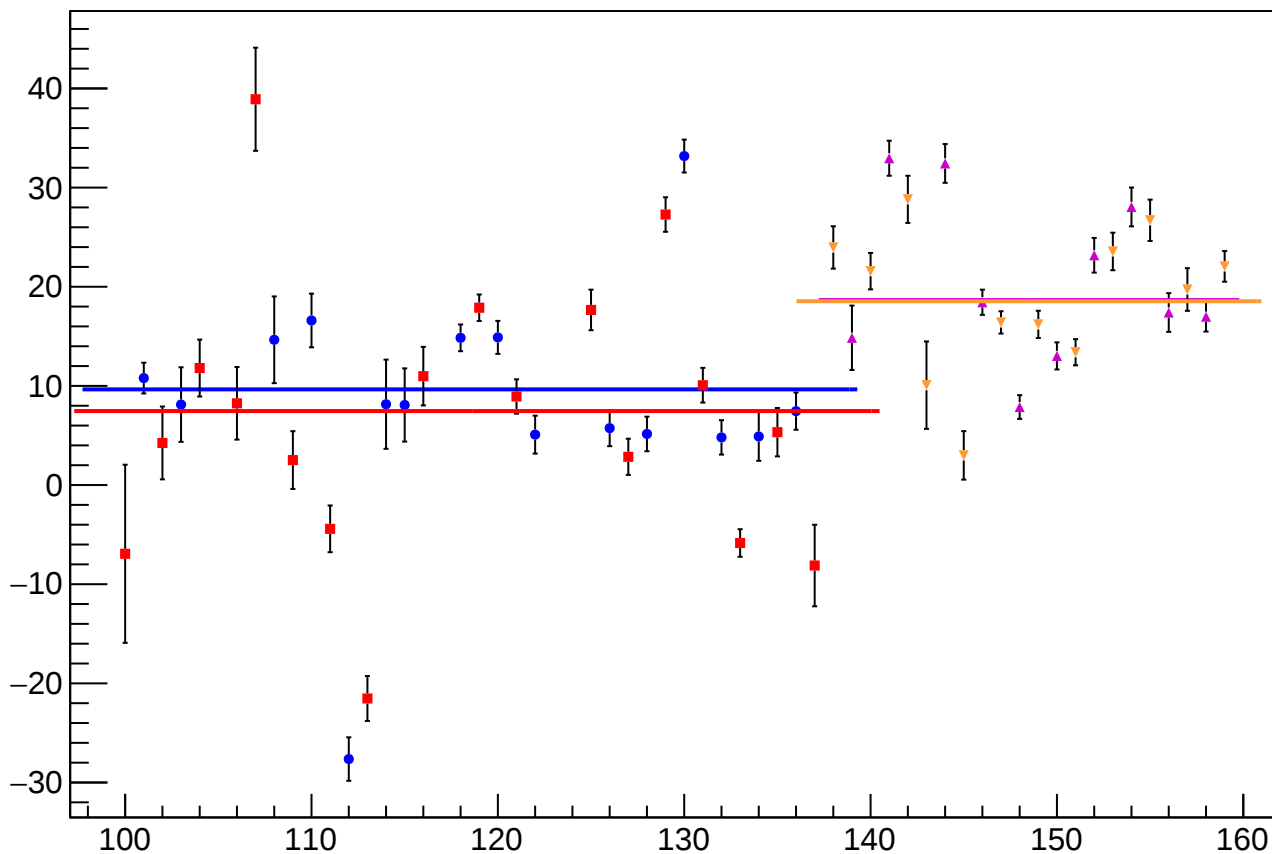
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 34.403 $\pm$ 0.493 χ^2 /NDF:3535.6/25

Out: 36.949 $\pm$ 0.495 χ^2 /NDF:4331.0/29

All: 35.671 $\pm$ 0.350 χ^2 /NDF: 7879.8/55

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 18.537 ± 0.503 χ^2/NDF : 121.5/11

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 18.656 ± 0.511 χ^2/NDF : 246.3/9

Left: 18.596 ± 0.359 χ^2/NDF : 367.7/21

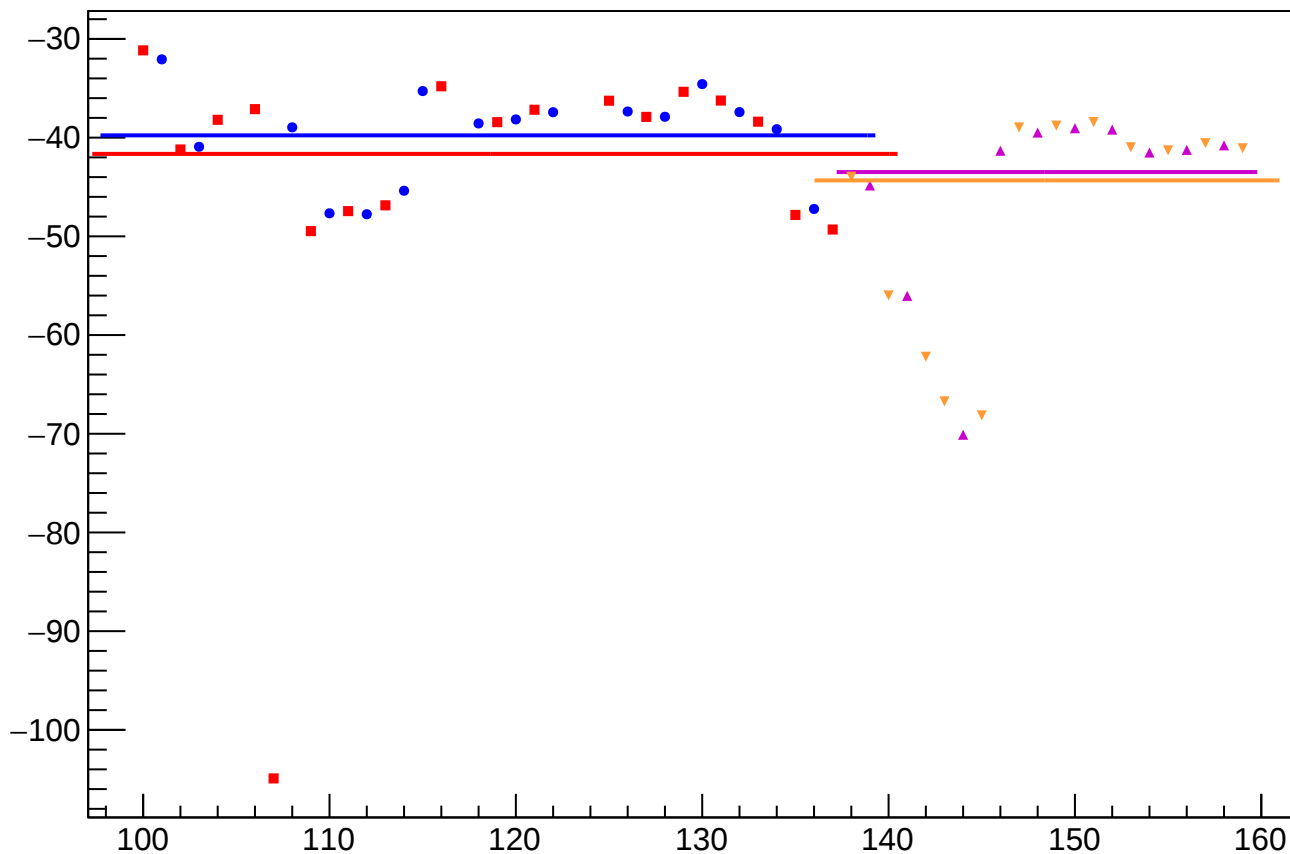
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 14.069 ± 0.358 χ^2/NDF : 957.8/25

Out: 13.134 ± 0.360 χ^2/NDF : 924.5/29

All: 13.604 ± 0.254 χ^2/NDF : 1885.8/55

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -44.334 ± 0.025 χ^2/NDF : 124934.4/11

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -43.488 ± 0.024 χ^2/NDF : 94731.5/9

Left: -43.905 ± 0.017 χ^2/NDF : 220268.0/21

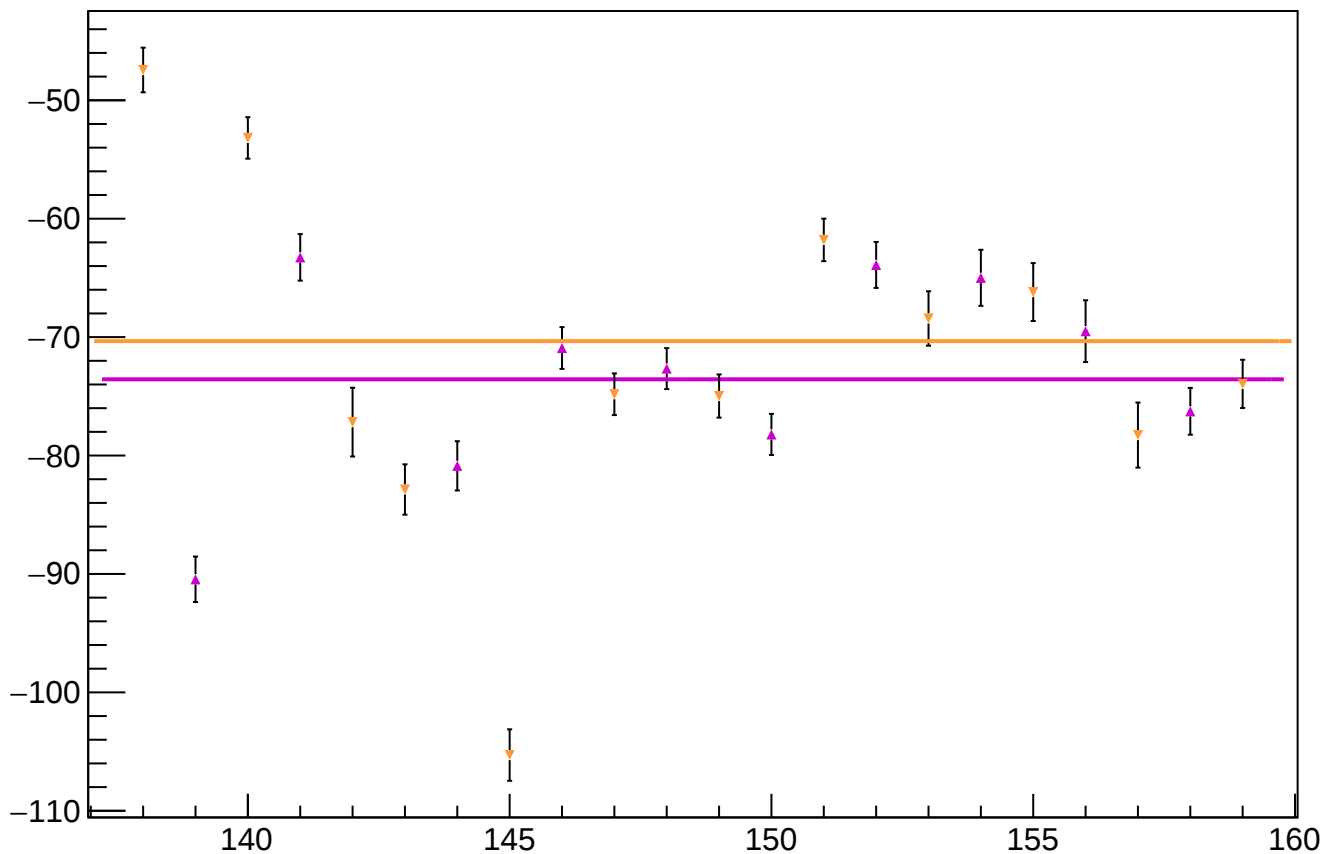
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -42.085 ± 0.019 χ^2/NDF : 129796.6/25

Out: -43.307 ± 0.019 χ^2/NDF : 224031.4/29

All: -42.690 ± 0.014 χ^2/NDF : 355854.7/55

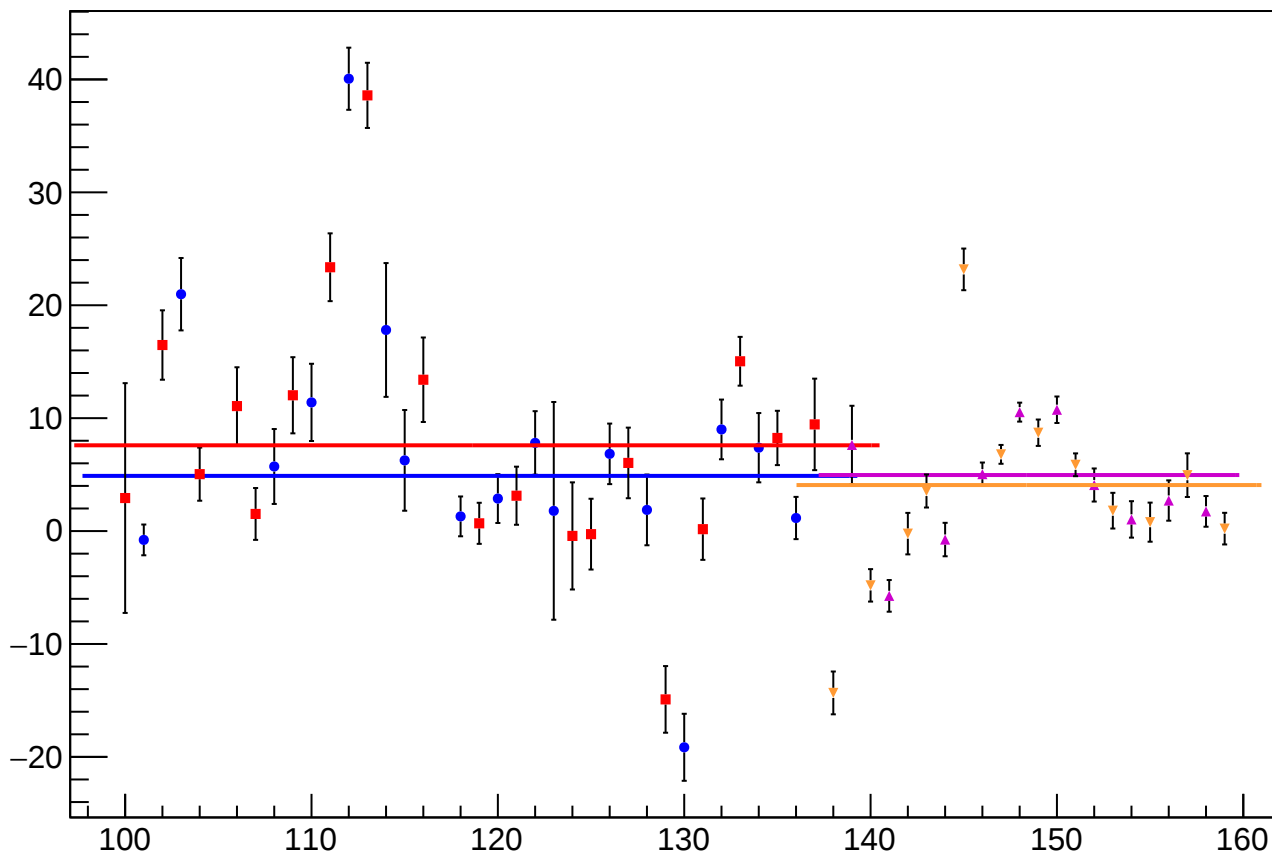
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -70.338 $\pm$ 0.595 χ^2/NDF :592.9/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -73.563 $\pm$ 0.621 χ^2/NDF :169.0/9

Left: -71.883 $\pm$ 0.430 χ^2/NDF : 776.0/21
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -73.563 $\pm$ 0.621 χ^2/NDF :169.0/9
 Out: -70.338 $\pm$ 0.595 χ^2/NDF :592.9/11
 All: -71.883 $\pm$ 0.430 χ^2/NDF : 776.0/21

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.075 ± 0.393 χ^2/NDF : 288.3/11

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 4.963 ± 0.414 χ^2/NDF : 155.5/9

Left: 4.496 ± 0.285 χ^2/NDF : 446.2/21

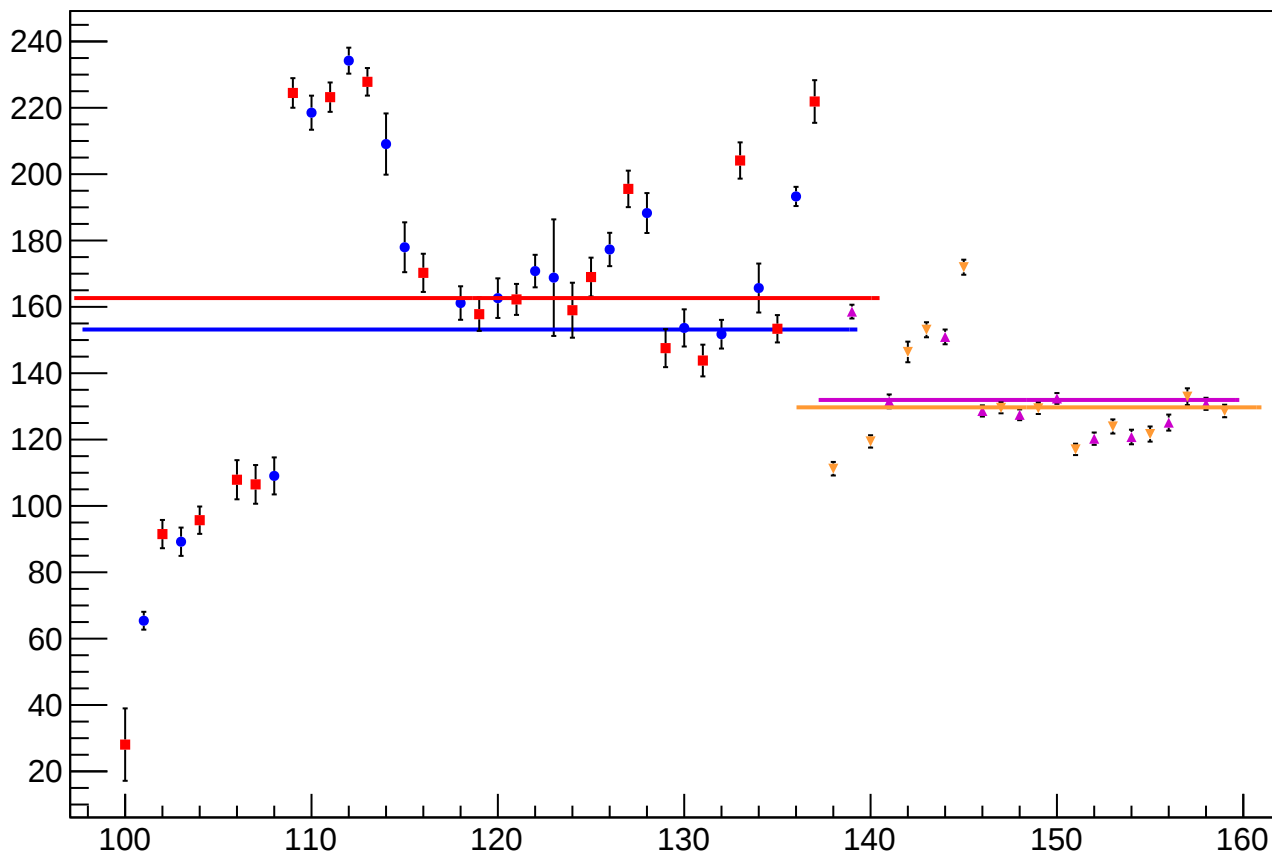
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 4.940 ± 0.344 χ^2/NDF : 450.3/26

Out: 5.015 ± 0.336 χ^2/NDF : 579.1/30

All: 4.979 ± 0.241 χ^2/NDF : 1029.4/57

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 129.714+/-0.585 χ^2/NDF : 669.9/11

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 131.947+/-0.604 χ^2/NDF : 322.2/9

Left: 130.795+/-0.420 χ^2/NDF : 999.1/21

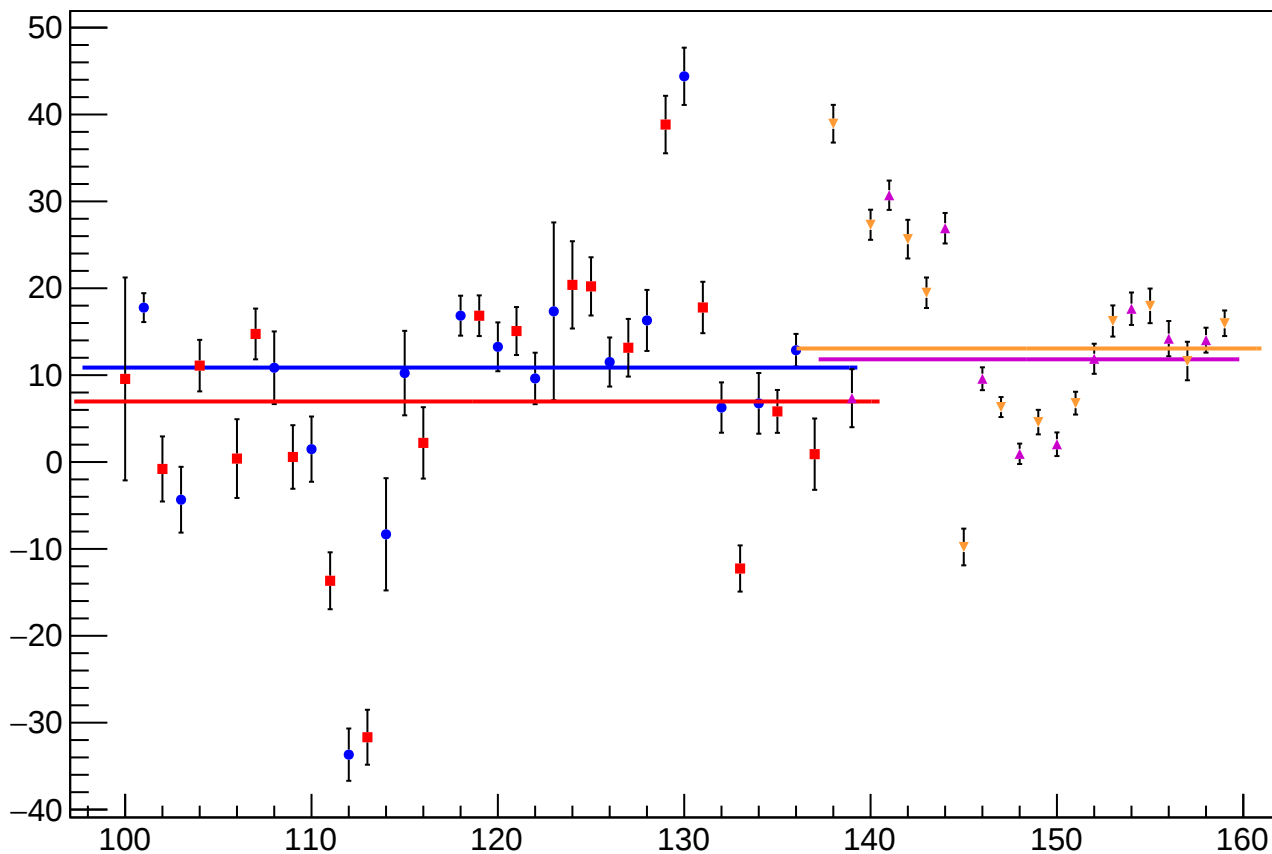
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 136.560+/-0.534 χ^2/NDF : 2854.8/26

Out: 136.246+/-0.524 χ^2/NDF : 3007.1/30

All: 136.400+/-0.374 χ^2/NDF : 5862.0/57

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 13.069 ± 0.479 $\chi^2/\text{NDF}: 478.7/11$

Right Out: 6.969 ± 0.748 $\chi^2/\text{NDF}: 422.3/18$

Left In: 11.821 ± 0.503 $\chi^2/\text{NDF}: 354.6/9$

Left: 12.475 ± 0.347 $\chi^2/\text{NDF}: 836.6/21$

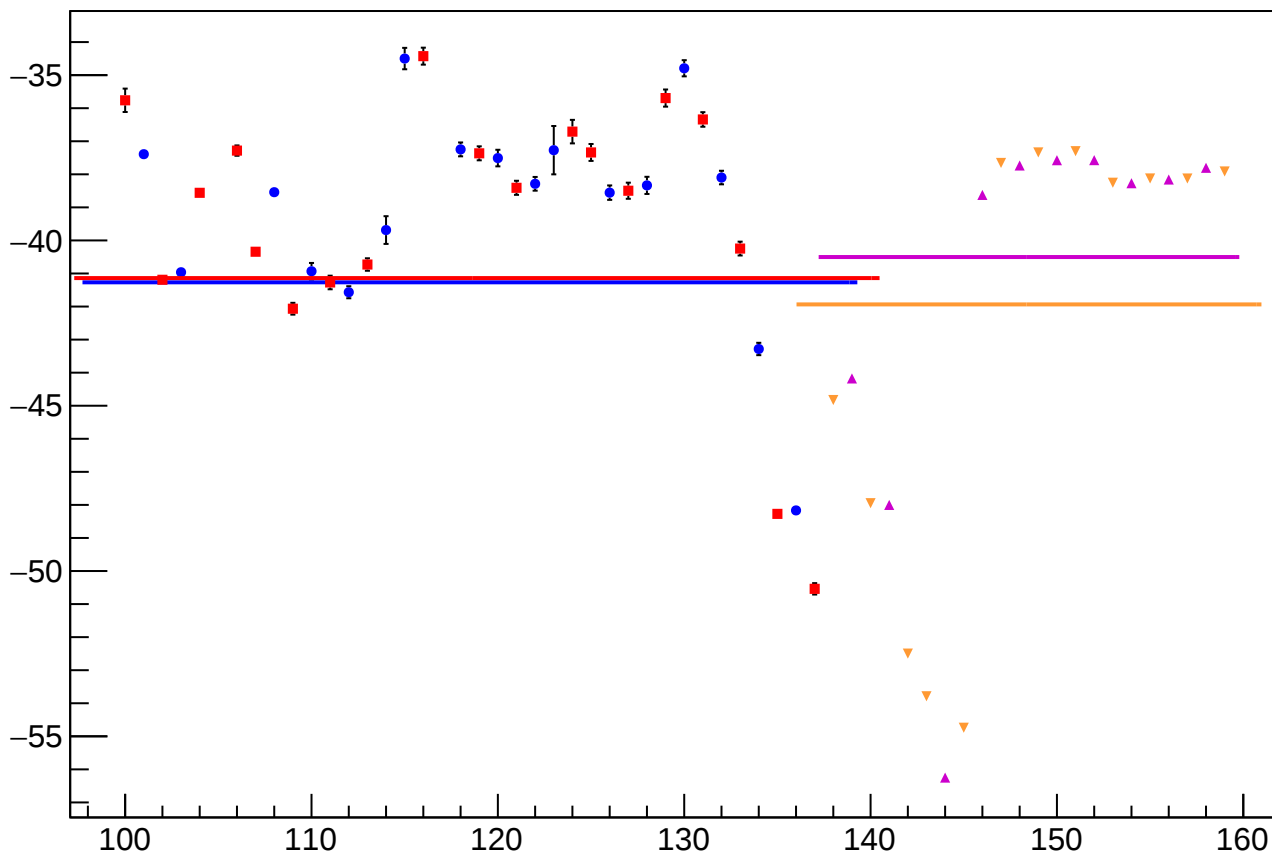
Right: 9.009 ± 0.517 $\chi^2/\text{NDF}: 823.3/35$

In: 11.507 ± 0.411 $\chi^2/\text{NDF}: 742.5/26$

Out: 11.294 ± 0.403 $\chi^2/\text{NDF}: 948.2/30$

All: 11.399 ± 0.288 $\chi^2/\text{NDF}: 1690.9/57$

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: -41.935 ± 0.023 $\chi^2/\text{NDF}: 72071.3/11$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -40.502 ± 0.024 $\chi^2/\text{NDF}: 45447.8/9$

Left: -41.235 ± 0.017 $\chi^2/\text{NDF}: 119356.5/21$

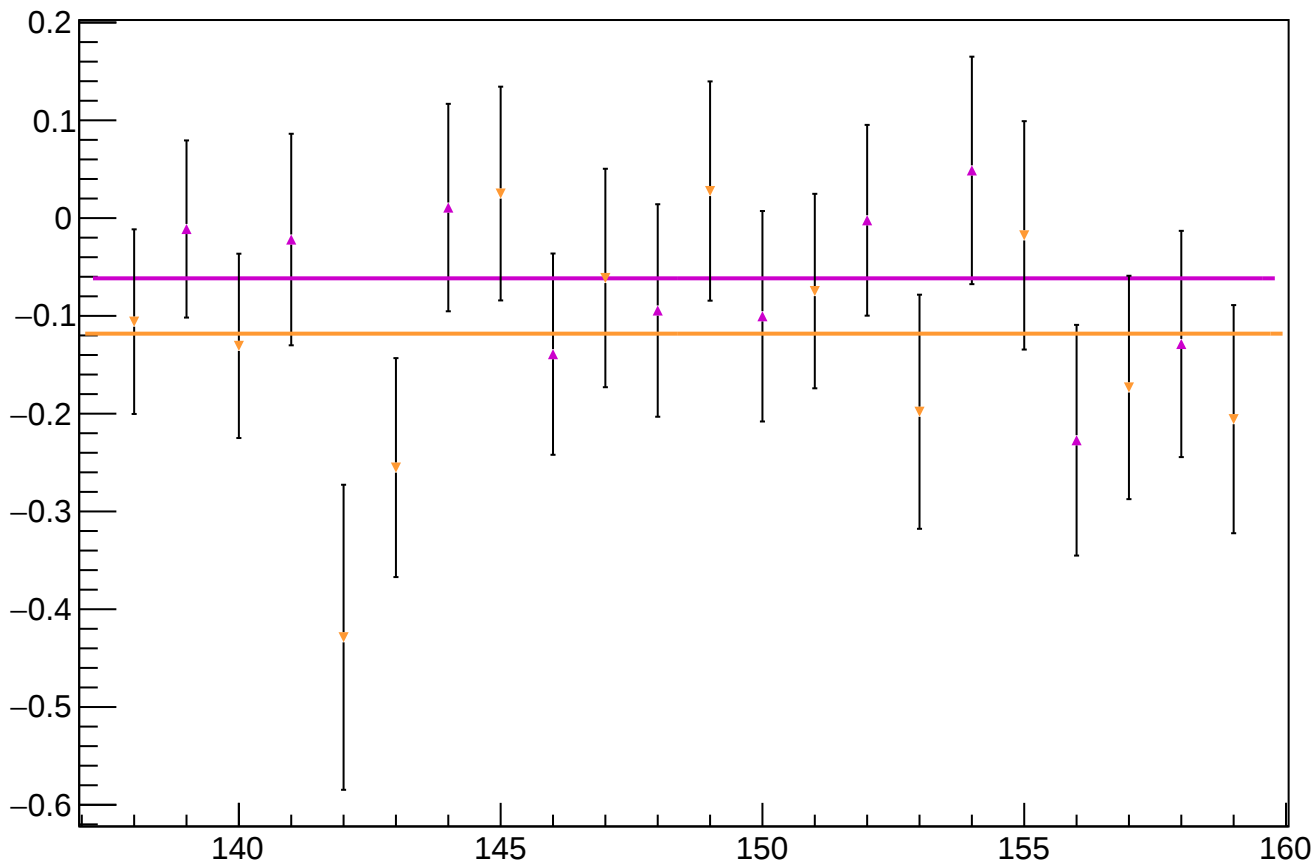
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.715 ± 0.020 $\chi^2/\text{NDF}: 58314.2/26$

Out: -41.722 ± 0.020 $\chi^2/\text{NDF}: 84624.9/30$

All: -41.226 ± 0.014 $\chi^2/\text{NDF}: 144187.1/57$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.118 $\pm$ 0.032 χ^2 /NDF:11.3/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.062 $\pm$ 0.034 χ^2 /NDF:5.3/9

Left: -0.091 $\pm$ 0.023 χ^2 /NDF: 18.1/21

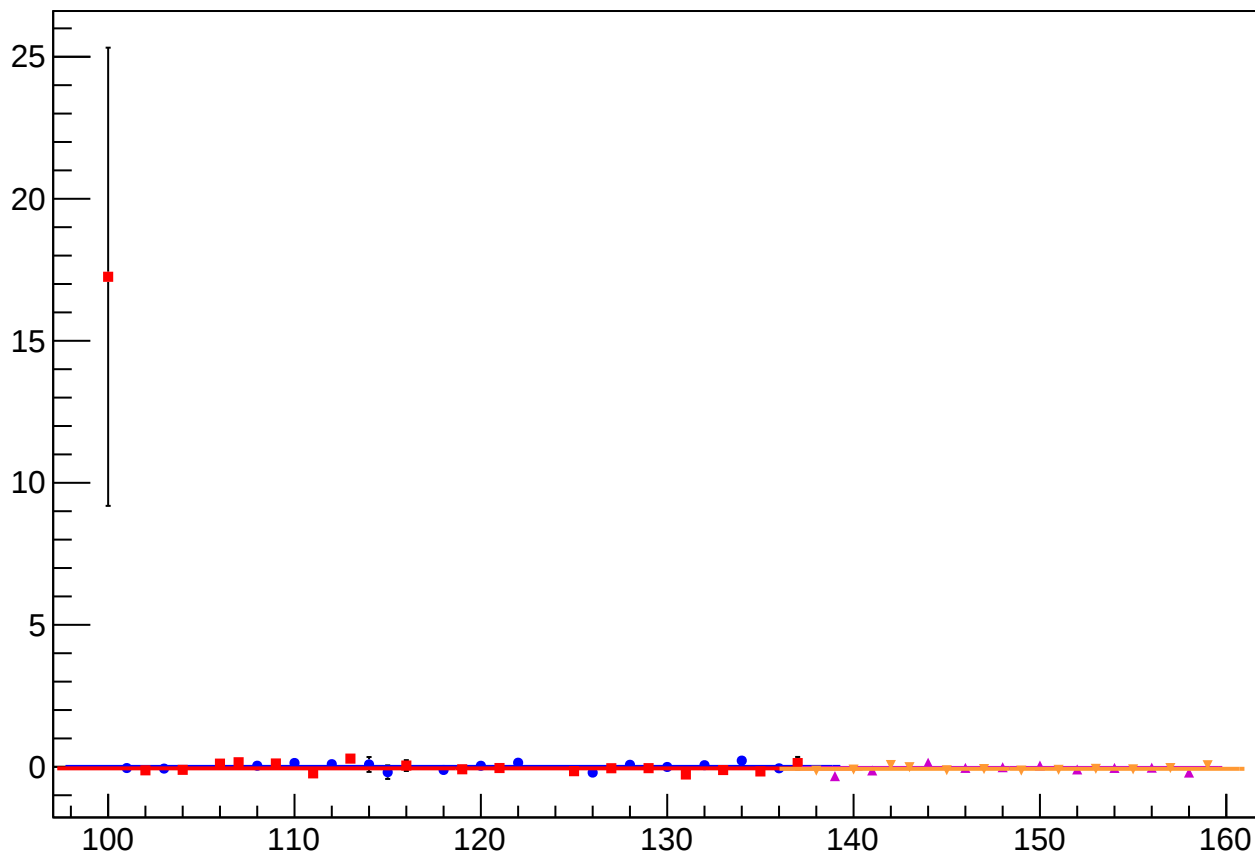
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.062 $\pm$ 0.034 χ^2 /NDF:5.3/9

Out: -0.118 $\pm$ 0.032 χ^2 /NDF:11.3/11

All: -0.091 $\pm$ 0.023 χ^2 /NDF: 18.1/21

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.069 ± 0.022 $\chi^2/\text{NDF}: 7.0/11$

Right Out: -0.053 ± 0.029 $\chi^2/\text{NDF}: 25.5/17$

Left In: -0.039 ± 0.023 $\chi^2/\text{NDF}: 16.4/9$

Left: -0.055 ± 0.016 $\chi^2/\text{NDF}: 24.3/21$

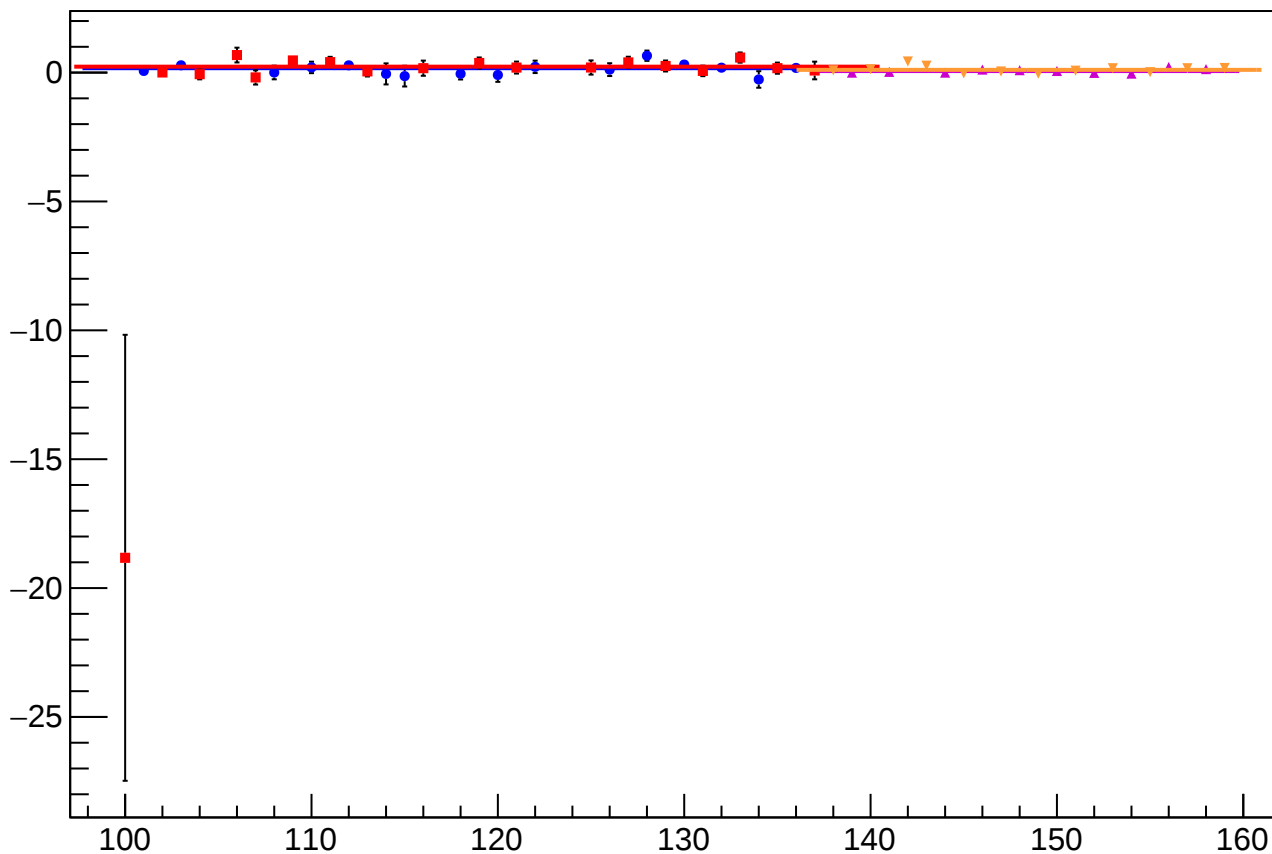
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 39.2/33$

In: -0.024 ± 0.018 $\chi^2/\text{NDF}: 29.6/25$

Out: -0.064 ± 0.017 $\chi^2/\text{NDF}: 32.7/29$

All: -0.044 ± 0.013 $\chi^2/\text{NDF}: 64.8/55$

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: 0.105 $\pm$ 0.031 χ^2 /NDF: 11.4/11

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.058 $\pm$ 0.033 χ^2 /NDF: 5.2/9

Left: 0.083 $\pm$ 0.023 χ^2 /NDF: 17.7/21

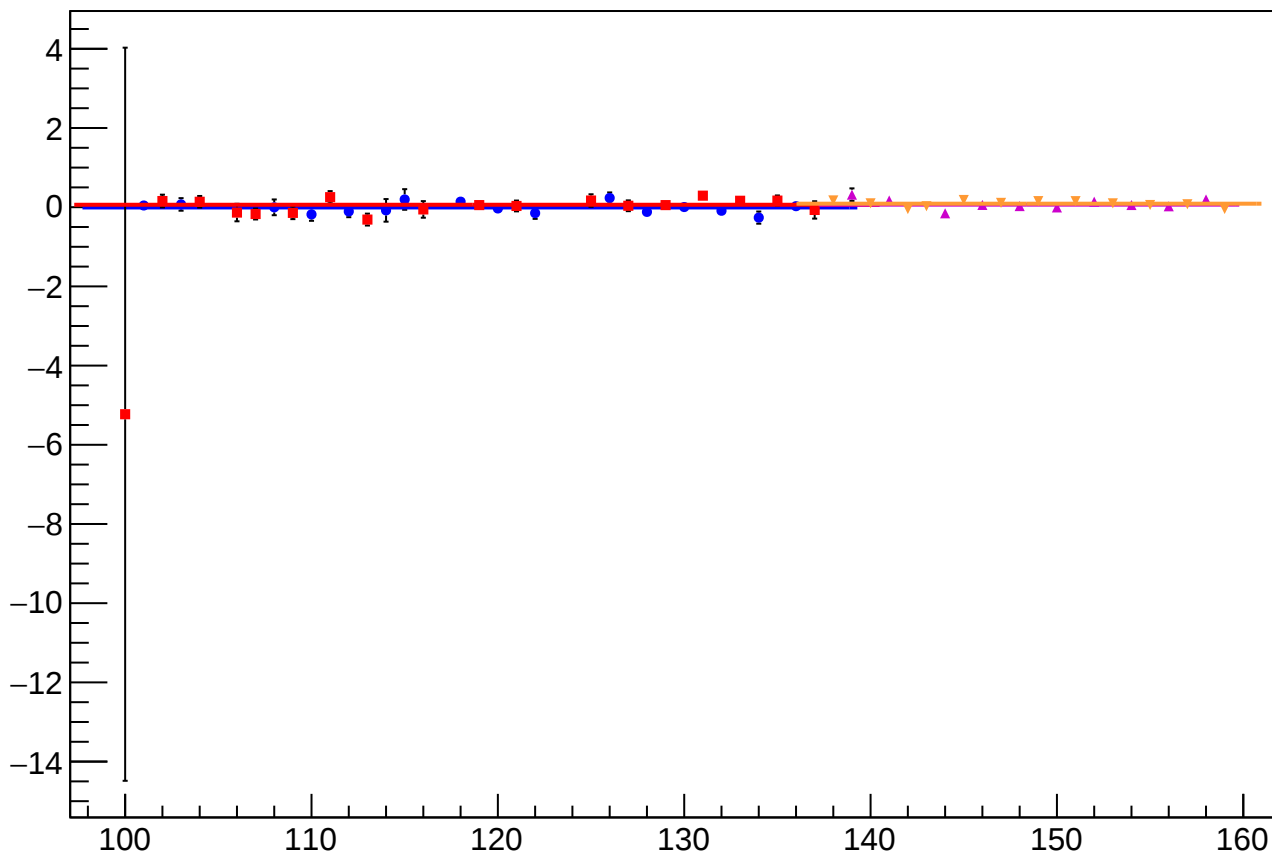
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.090 $\pm$ 0.028 χ^2 /NDF: 21.5/25

Out: 0.137 $\pm$ 0.027 χ^2 /NDF: 37.0/29

All: 0.114 $\pm$ 0.019 χ^2 /NDF: 60.0/55

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.088 ± 0.026 χ^2/NDF : 7.2/11

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.064 ± 0.028 χ^2/NDF : 14.0/9

Left: 0.077 ± 0.019 χ^2/NDF : 21.6/21

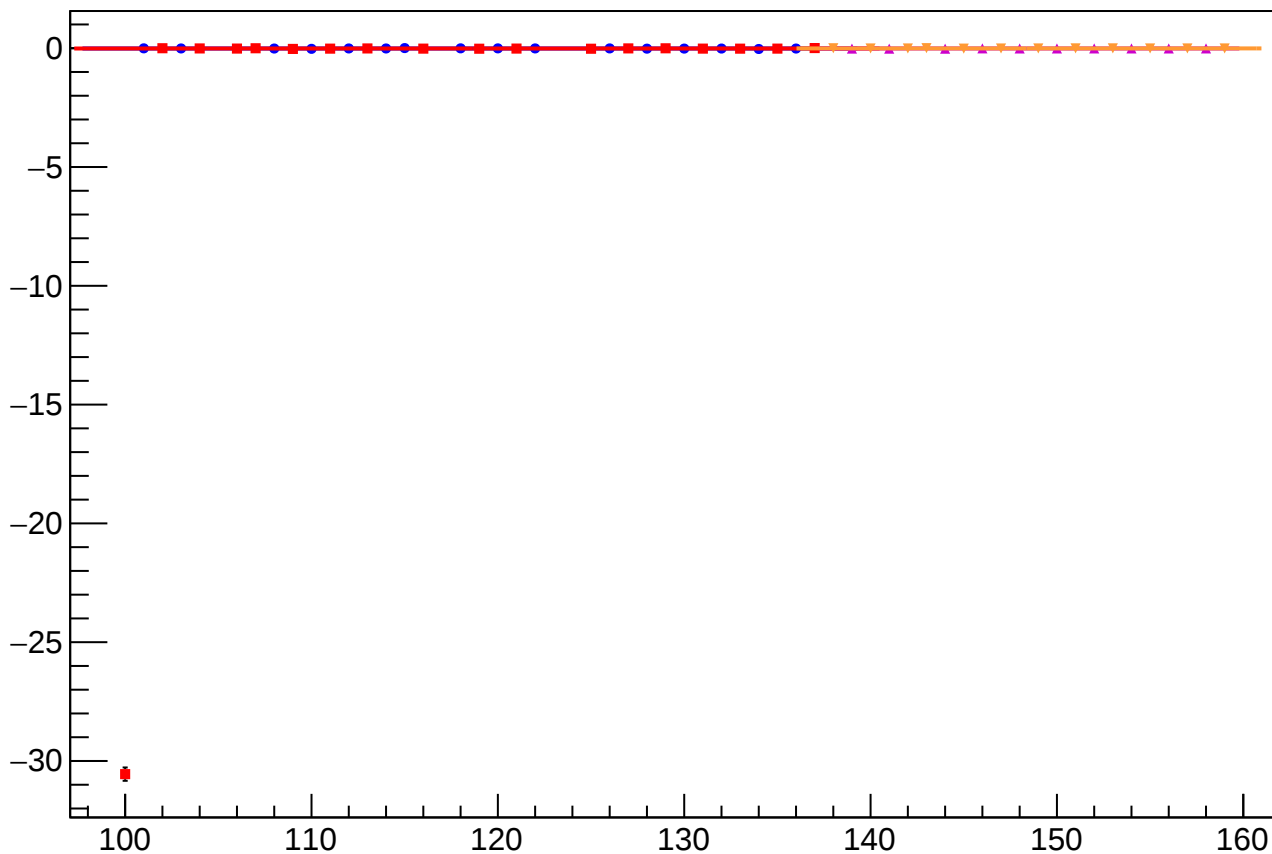
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.034 ± 0.021 χ^2/NDF : 30.0/25

Out: 0.078 ± 0.021 χ^2/NDF : 27.9/29

All: 0.057 ± 0.015 χ^2/NDF : 60.1/55

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.4/11

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.011 ± 0.001 χ^2/NDF : 9.6/9

Left: -0.010 ± 0.001 χ^2/NDF : 26.2/21

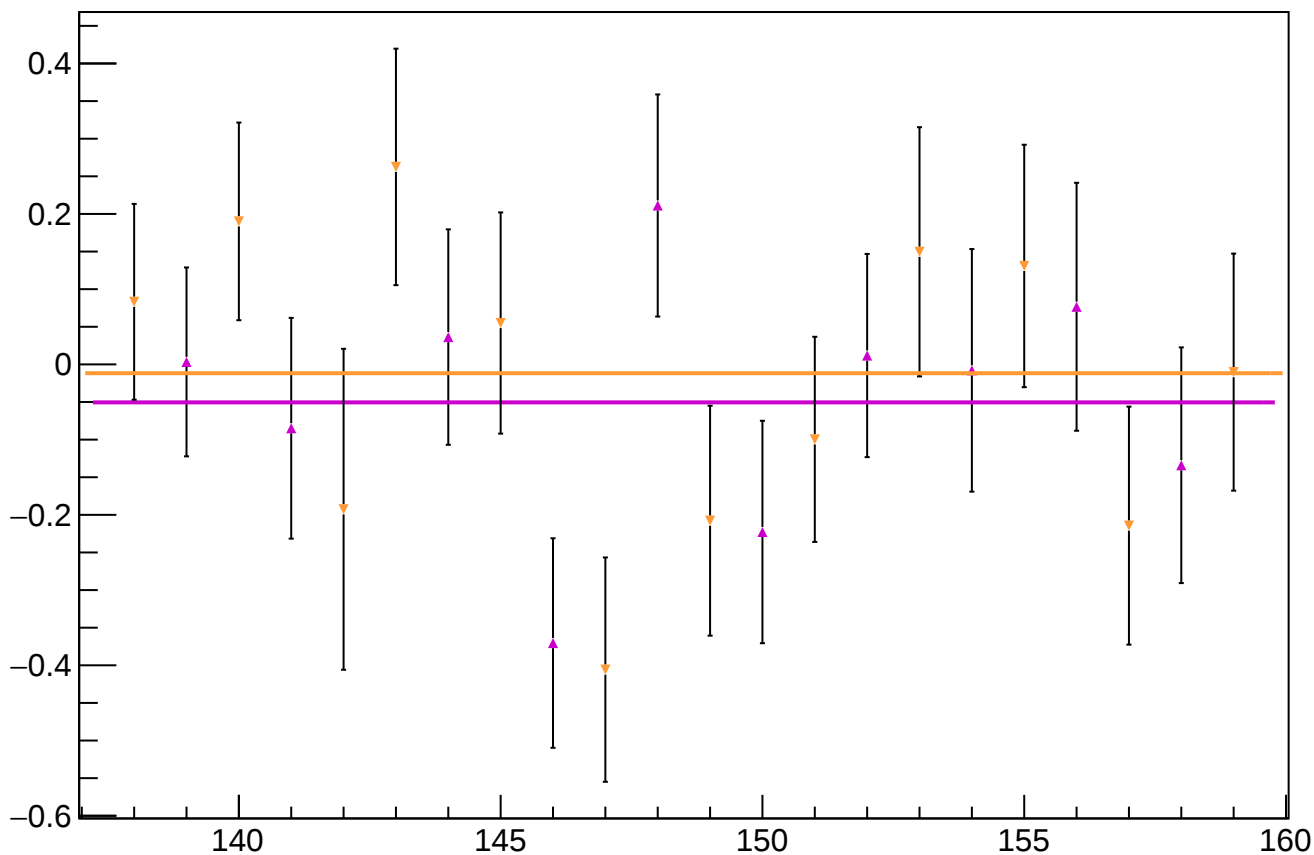
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.011 ± 0.001 χ^2/NDF : 22.5/25

Out: -0.009 ± 0.001 χ^2/NDF : 11907.1/29

All: -0.010 ± 0.001 χ^2/NDF : 11931.8/55

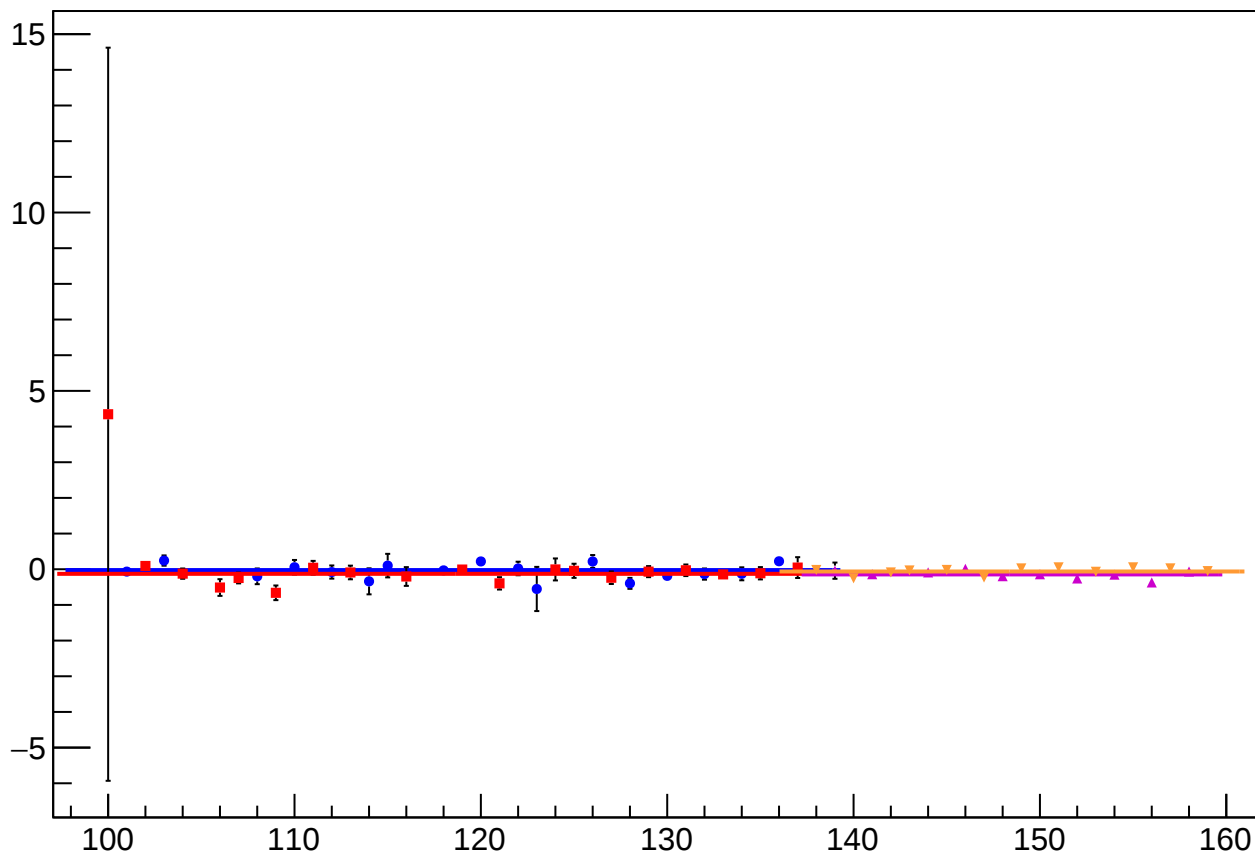
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.012+/-0.044 χ^2/NDF :19.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.050+/-0.046 χ^2/NDF :11.5/9

Left: -0.030+/-0.032 χ^2/NDF : 31.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.050+/-0.046 χ^2/NDF :11.5/9
 Out: -0.012+/-0.044 χ^2/NDF :19.3/11
 All: -0.030+/-0.032 χ^2/NDF : 31.2/21

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.063 ± 0.030 χ^2/NDF : 13.8/11

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.145 ± 0.032 χ^2/NDF : 10.4/9

Left: -0.101 ± 0.022 χ^2/NDF : 27.7/21

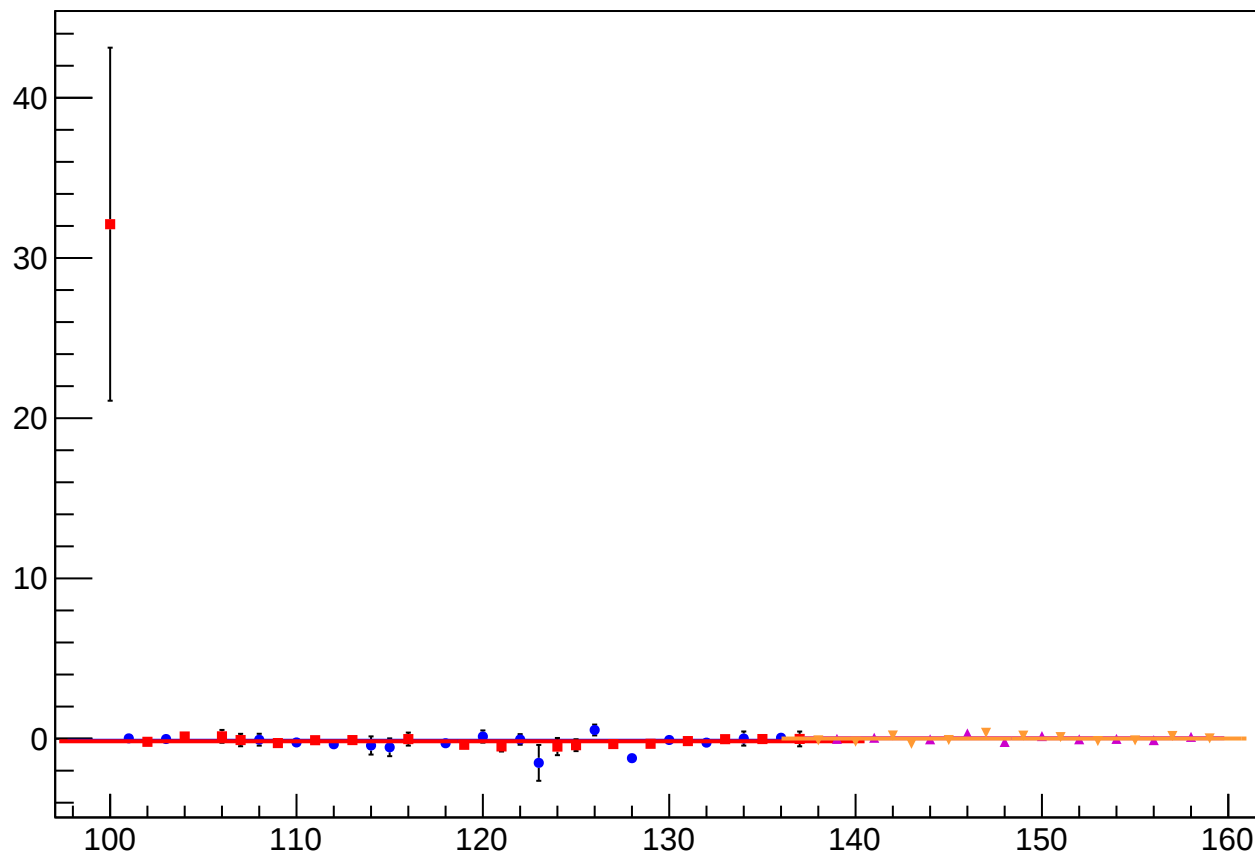
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.092 ± 0.024 χ^2/NDF : 39.1/26

Out: -0.087 ± 0.024 χ^2/NDF : 34.4/30

All: -0.090 ± 0.017 χ^2/NDF : 73.5/57

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.006 ± 0.043 $\chi^2/\text{NDF}: 19.1/11$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.027 ± 0.045 $\chi^2/\text{NDF}: 10.4/9$

Left: 0.016 ± 0.031 $\chi^2/\text{NDF}: 29.6/21$

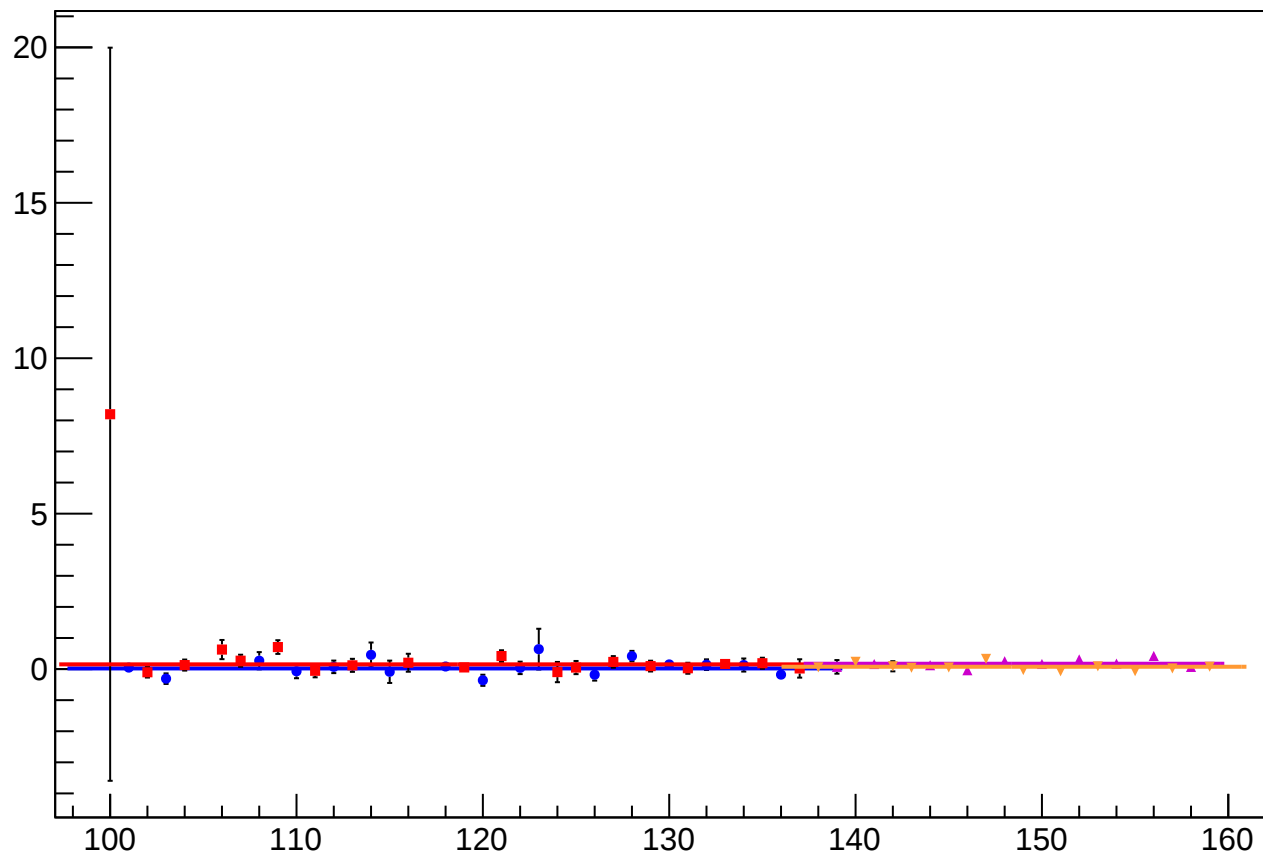
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 40.1/26$

Out: -0.041 ± 0.037 $\chi^2/\text{NDF}: 38.1/30$

All: -0.032 ± 0.026 $\chi^2/\text{NDF}: 78.3/57$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.075 $\pm$ 0.036 χ^2 /NDF:12.7/11

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.172 $\pm$ 0.038 χ^2 /NDF:10.9/9

Left: 0.120 $\pm$ 0.026 χ^2 /NDF: 27.0/21

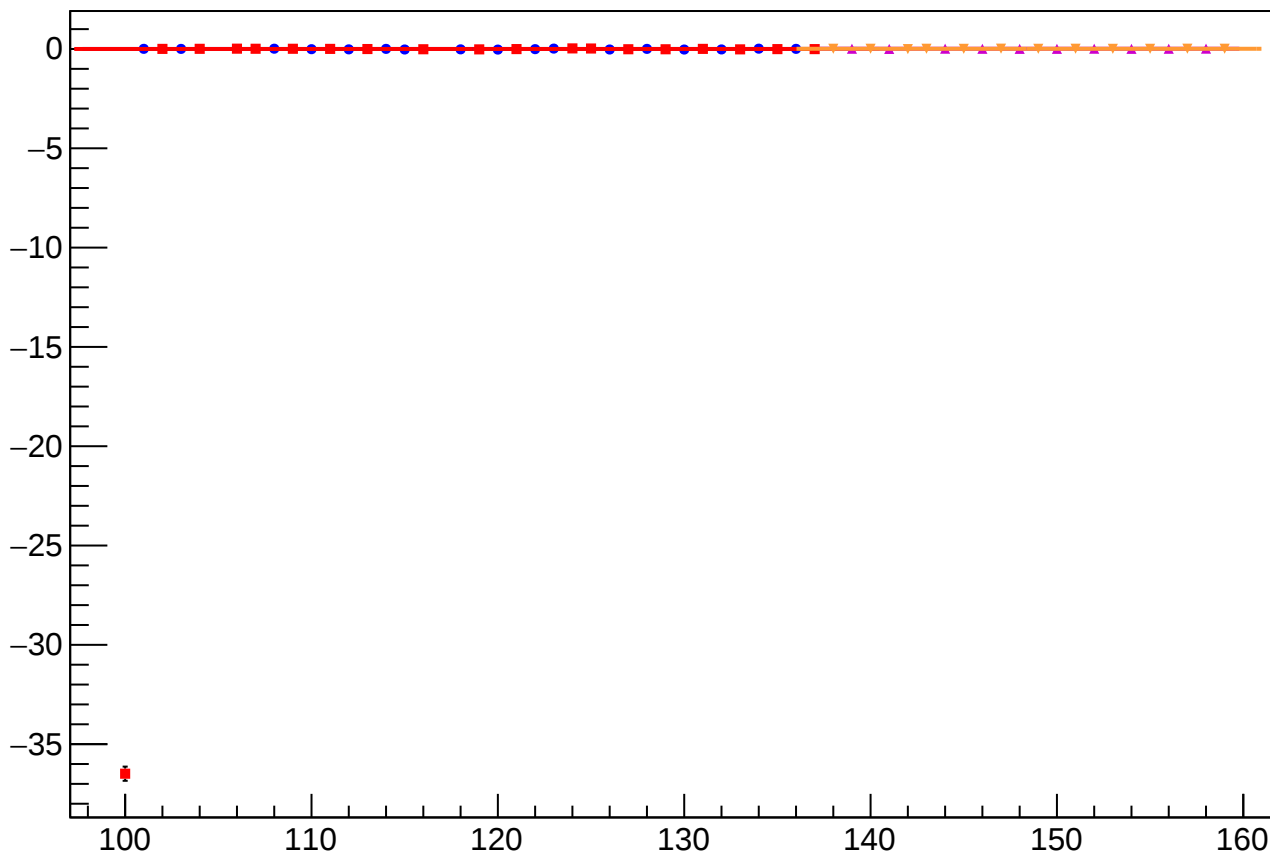
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.103 $\pm$ 0.028 χ^2 /NDF:39.8/26

Out: 0.104 $\pm$ 0.028 χ^2 /NDF:31.7/30

All: 0.104 $\pm$ 0.020 χ^2 /NDF: 71.5/57

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/11

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.8/9

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 10.3/21

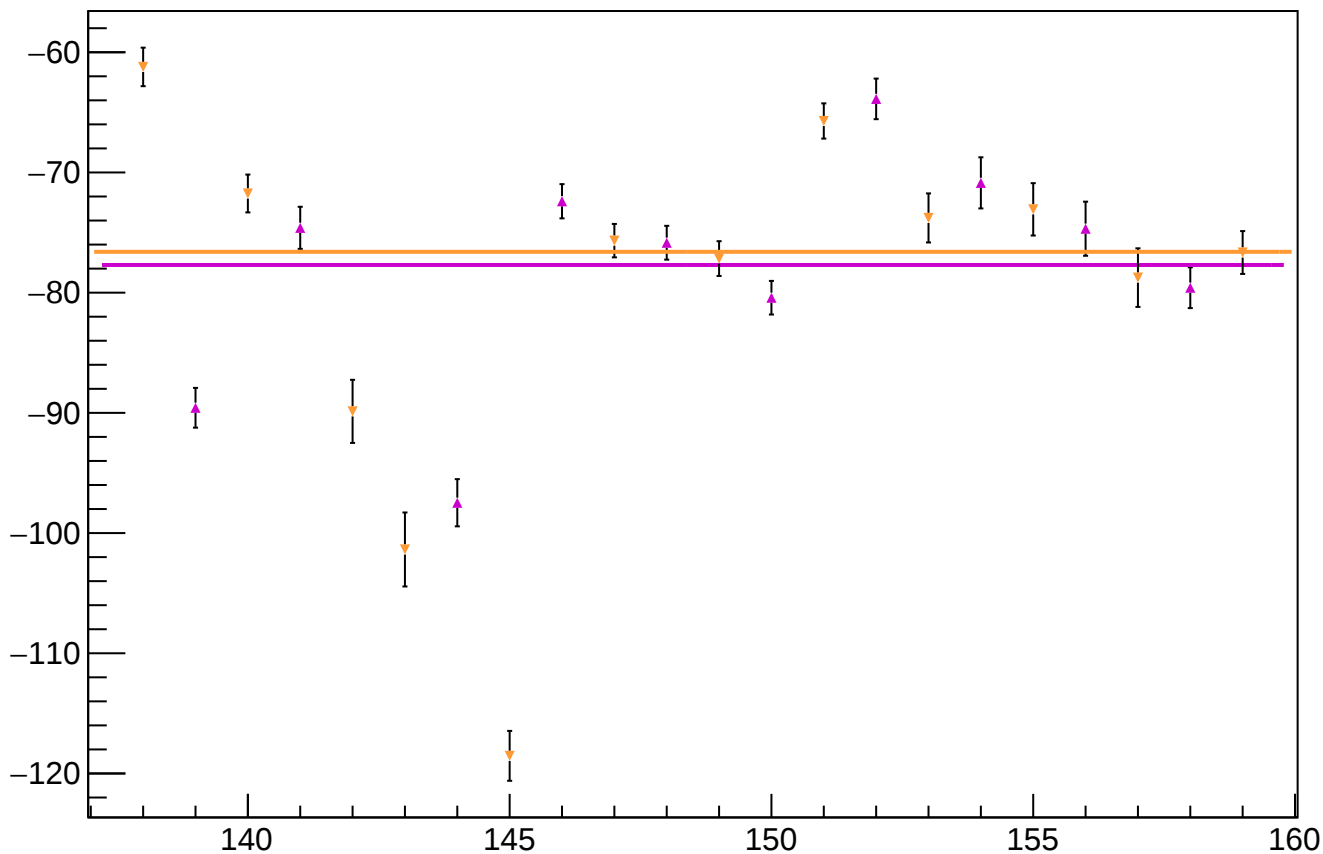
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF: 50.1/26

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10467.6/30

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10517.7/57

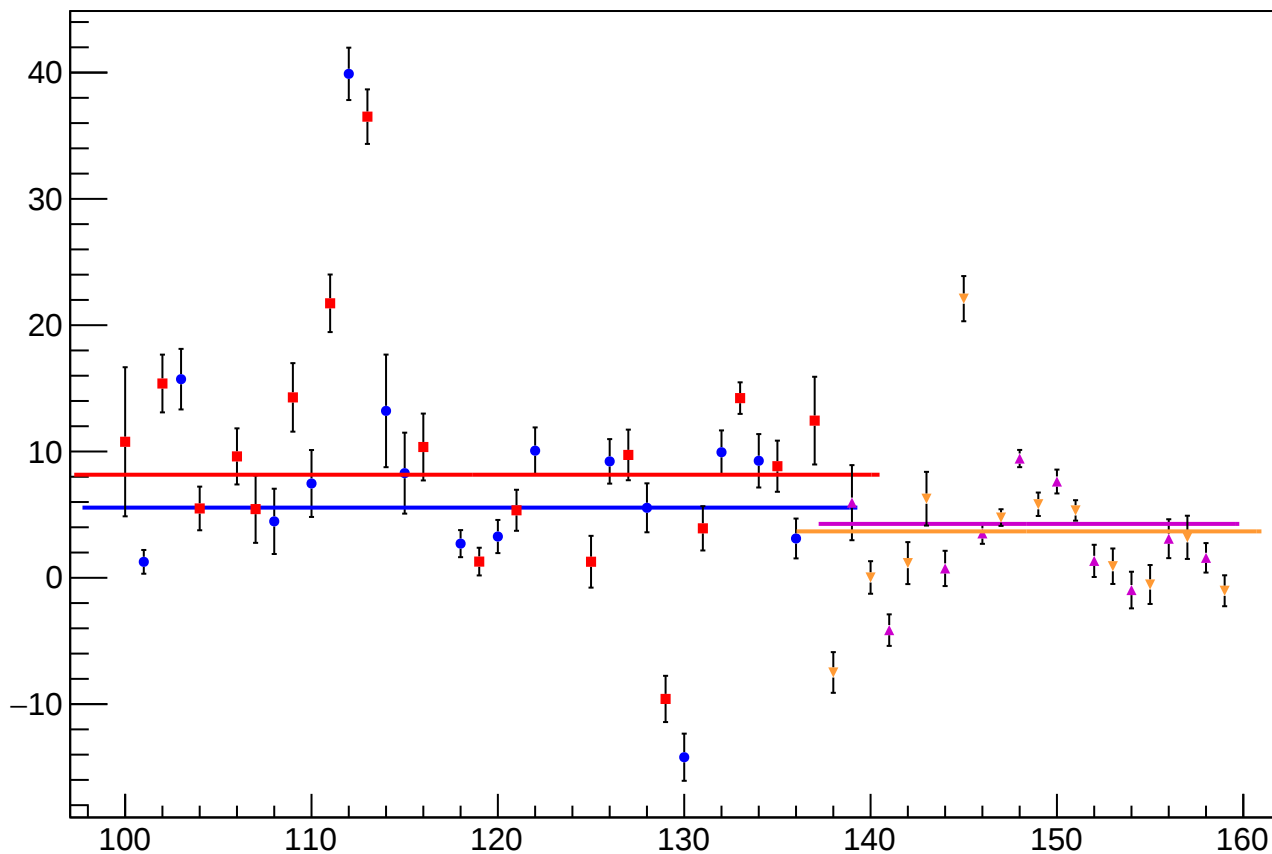
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.602+/-0.522 χ^2/NDF :661.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.697+/-0.529 χ^2/NDF :255.8/9

Left: -77.142+/-0.371 χ^2/NDF : 919.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -77.697+/-0.529 χ^2/NDF :255.8/9
 Out: -76.602+/-0.522 χ^2/NDF :661.2/11
 All: -77.142+/-0.371 χ^2/NDF : 919.2/21

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: 3.676 ± 0.337 $\chi^2/\text{NDF}: 204.4/11$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 4.269 ± 0.348 $\chi^2/\text{NDF}: 147.3/9$

Left: 3.963 ± 0.242 $\chi^2/\text{NDF}: 353.2/21$

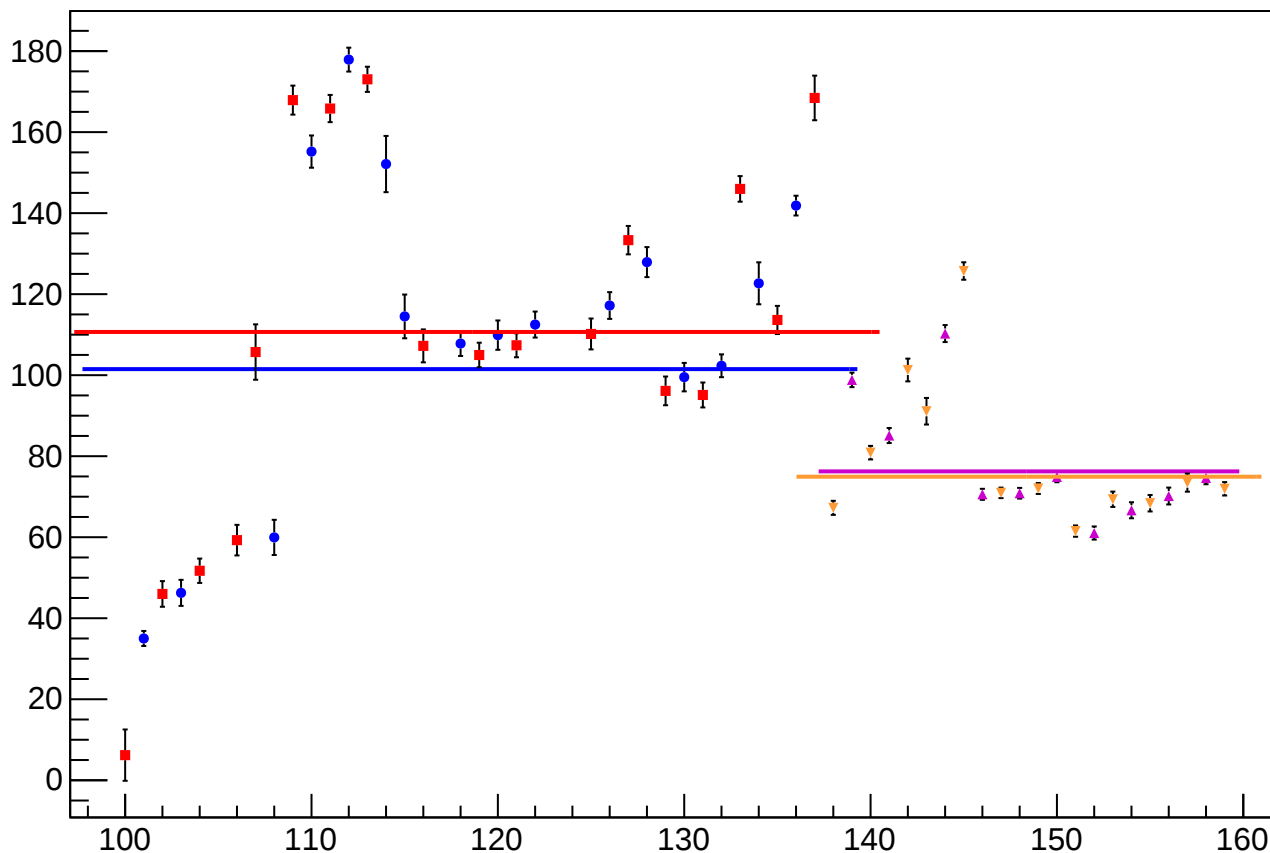
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.787 ± 0.269 $\chi^2/\text{NDF}: 614.8/25$

Out: 5.274 ± 0.270 $\chi^2/\text{NDF}: 674.5/29$

All: 5.029 ± 0.191 $\chi^2/\text{NDF}: 1290.9/55$

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: 74.938 $\pm$ 0.509 χ^2 /NDF:828.7/11

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 76.252 $\pm$ 0.513 χ^2 /NDF:600.6/9

Left: 75.590 $\pm$ 0.361 χ^2 /NDF: 1432.6/21

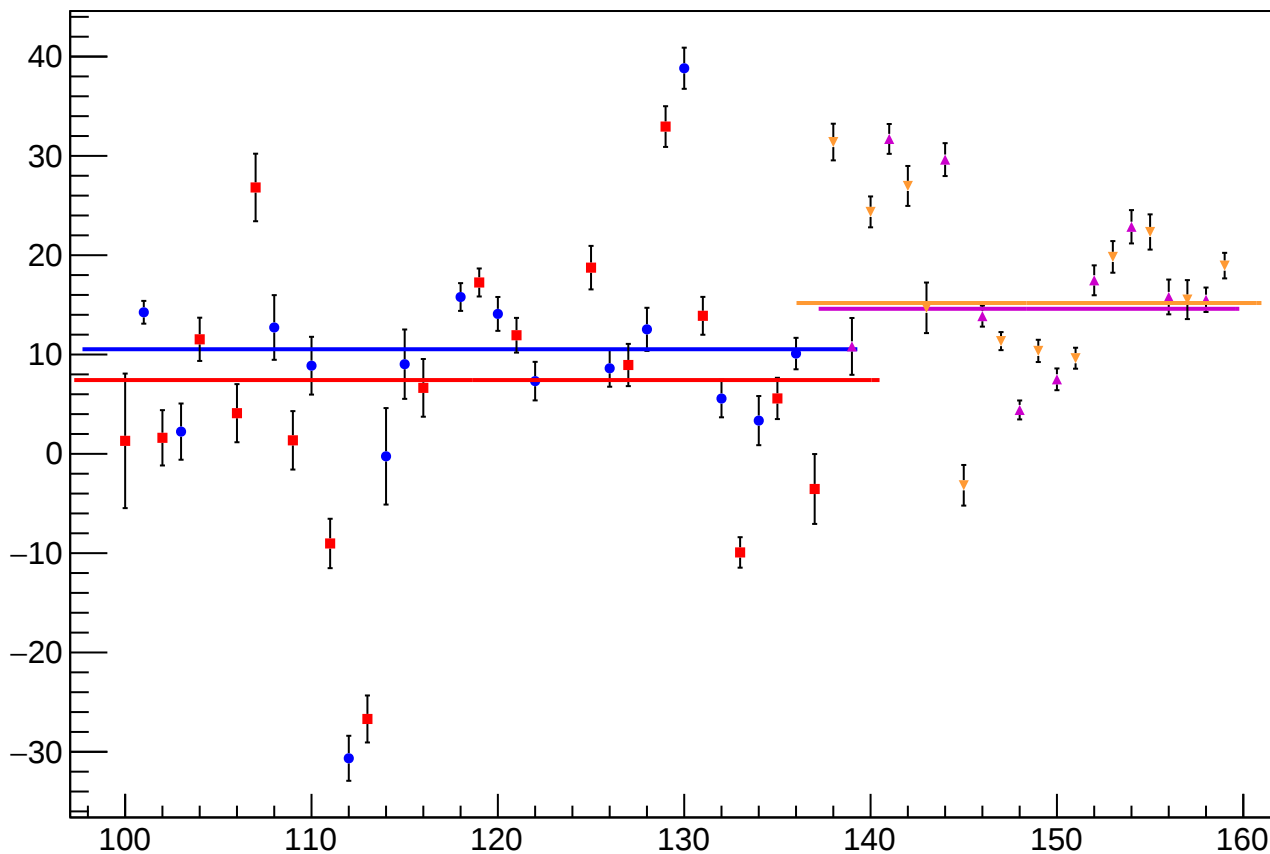
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 83.499 $\pm$ 0.433 χ^2 /NDF:4269.0/25

Out: 84.603 $\pm$ 0.435 χ^2 /NDF:4675.7/29

All: 84.049 $\pm$ 0.307 χ^2 /NDF: 8947.9/55

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: 15.187 $\pm$ 0.414 χ^2 /NDF: 324.1/11

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 14.604 $\pm$ 0.425 χ^2 /NDF: 399.0/9

Left: 14.903 $\pm$ 0.297 χ^2 /NDF: 724.1/21

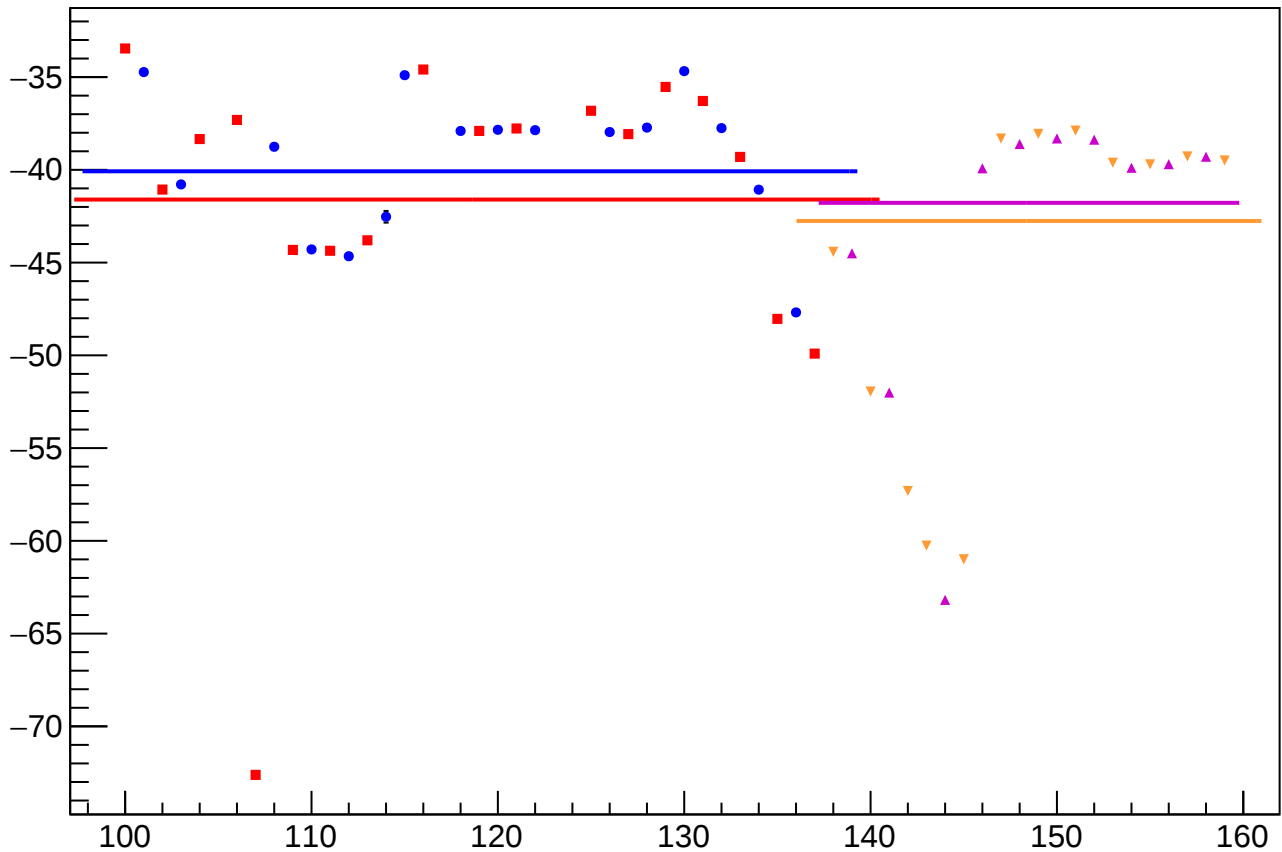
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.868 $\pm$ 0.322 χ^2 /NDF: 1018.5/25

Out: 12.200 $\pm$ 0.325 χ^2 /NDF: 1145.0/29

All: 12.537 $\pm$ 0.229 χ^2 /NDF: 2165.6/55

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: -42.757 ± 0.021 χ^2/NDF : 123462.3/11

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -41.779 ± 0.020 χ^2/NDF : 88601.9/9

Left: -42.265 ± 0.014 χ^2/NDF : 213209.1/21

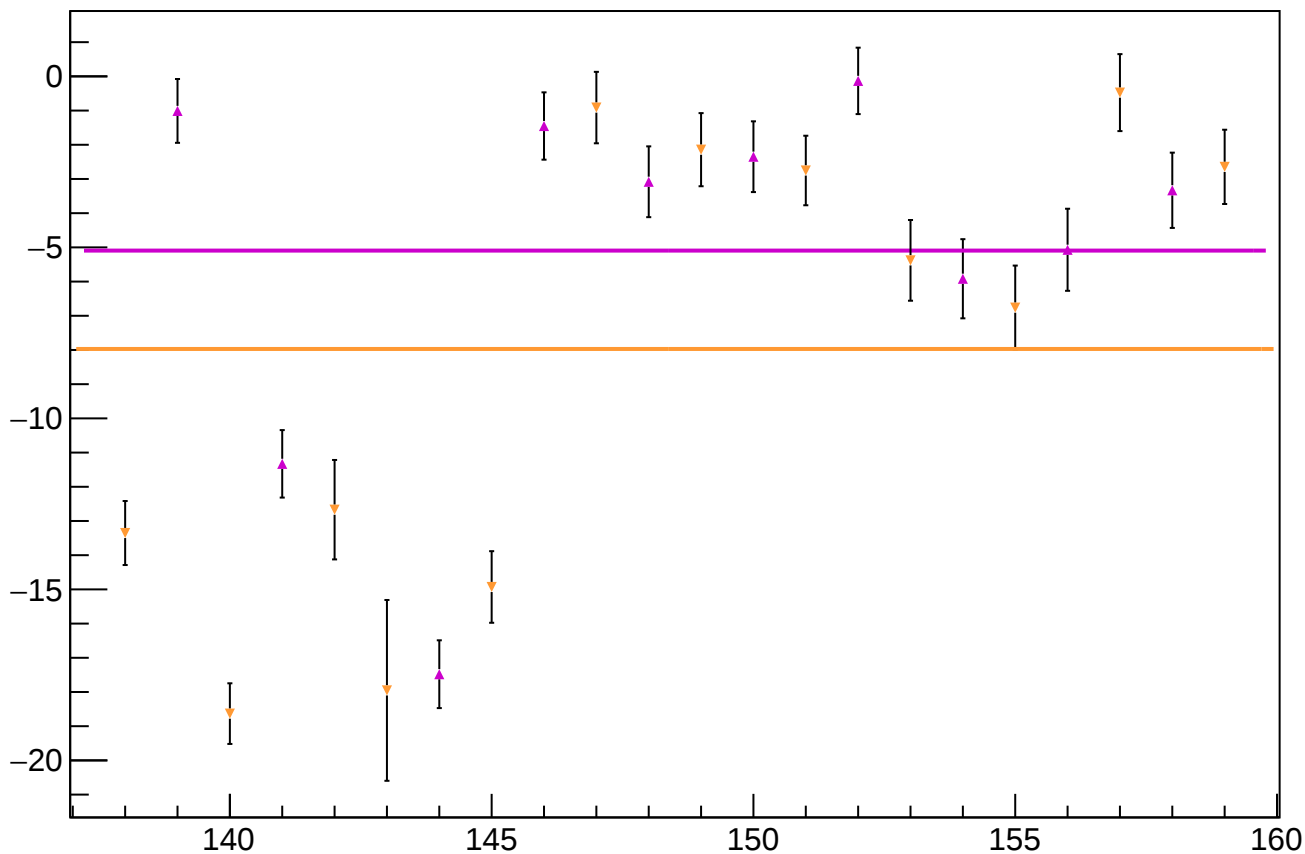
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.196 ± 0.017 χ^2/NDF : 116134.1/25

Out: -42.364 ± 0.017 χ^2/NDF : 186396.4/29

All: -41.776 ± 0.012 χ^2/NDF : 305010.2/55

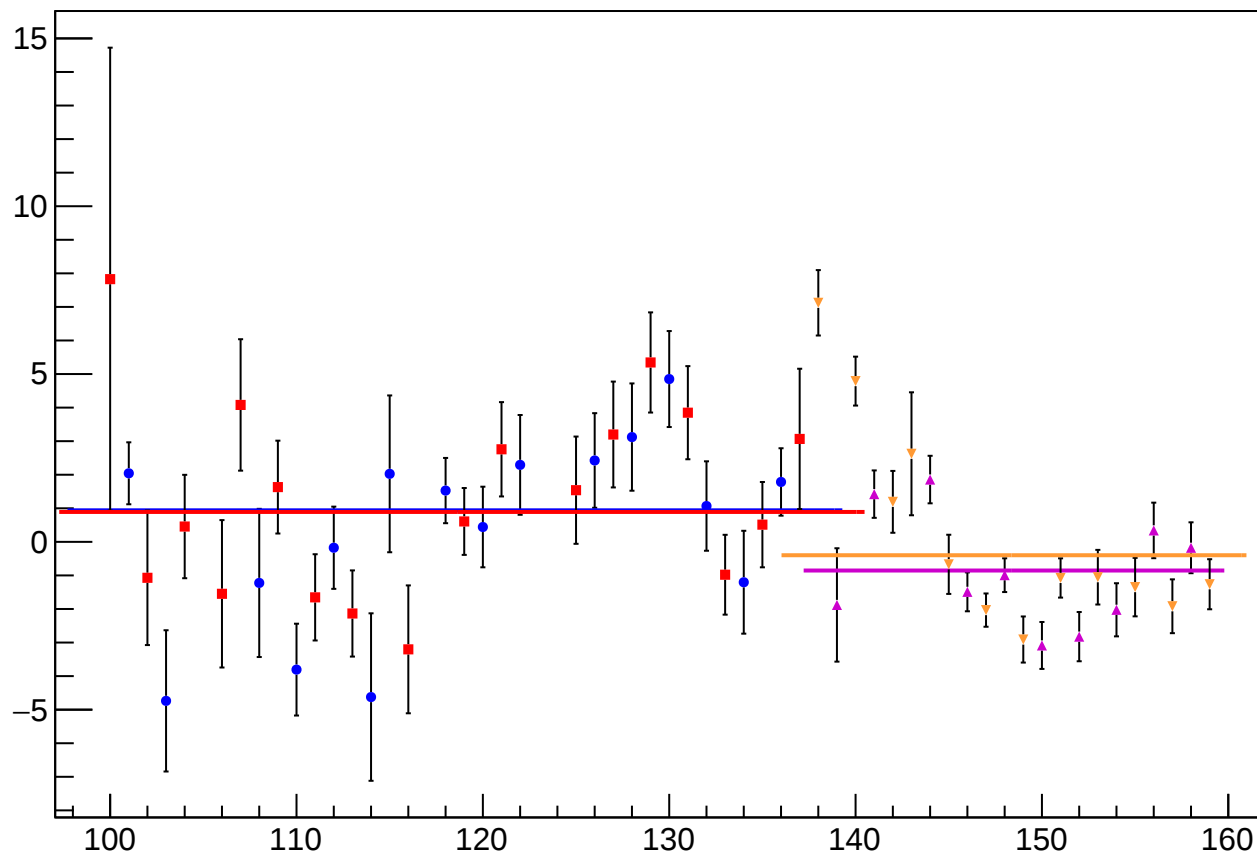
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.970+/-0.321 χ^2/NDF :422.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.094+/-0.326 χ^2/NDF :269.0/9

Left: -6.555+/-0.229 χ^2/NDF : 731.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.094+/-0.326 χ^2/NDF :269.0/9
 Out: -7.970+/-0.321 χ^2/NDF :422.5/11
 All: -6.555+/-0.229 χ^2/NDF : 731.1/21

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: -0.399 ± 0.218 $\chi^2/\text{NDF}: 148.4/11$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.854 ± 0.224 $\chi^2/\text{NDF}: 49.2/9$

Left: -0.621 ± 0.156 $\chi^2/\text{NDF}: 199.7/21$

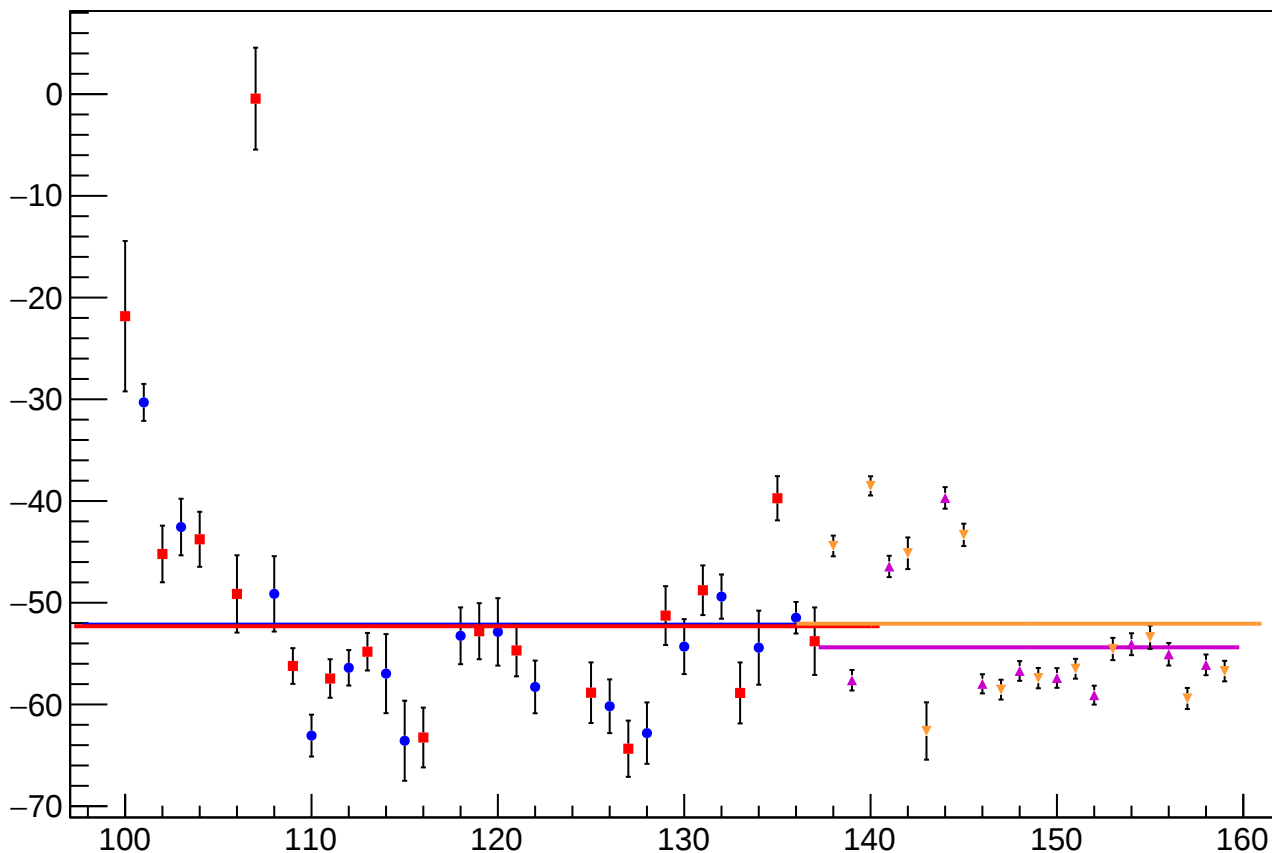
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.309 ± 0.187 $\chi^2/\text{NDF}: 110.9/25$

Out: -0.043 ± 0.186 $\chi^2/\text{NDF}: 199.6/29$

All: -0.175 ± 0.132 $\chi^2/\text{NDF}: 311.5/55$

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: -52.060 ± 0.315 χ^2/NDF : 531.3/11

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -54.383 ± 0.319 χ^2/NDF : 318.5/9

Left: -53.207 ± 0.224 χ^2/NDF : 876.7/21

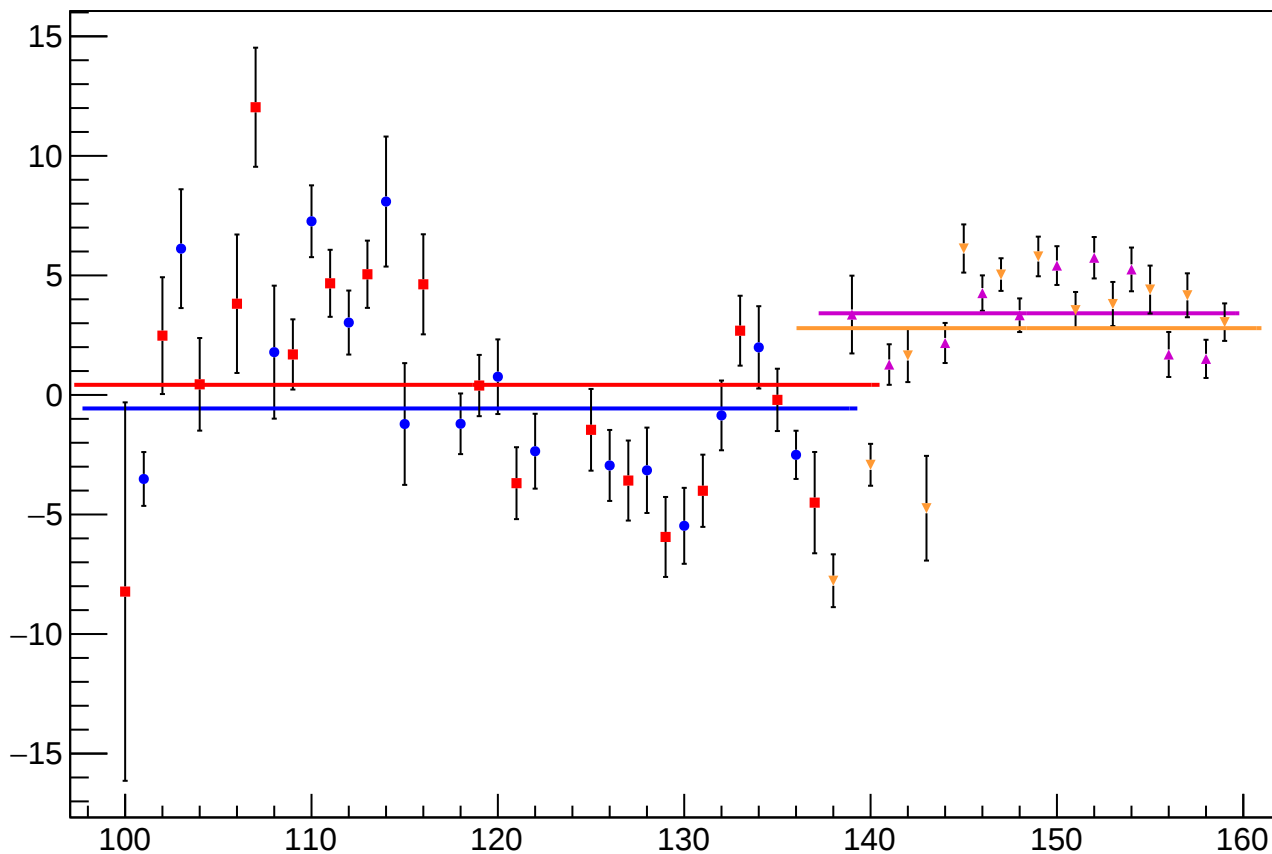
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -53.908 ± 0.283 χ^2/NDF : 560.0/25

Out: -52.112 ± 0.280 χ^2/NDF : 766.3/29

All: -53.002 ± 0.199 χ^2/NDF : 1346.6/55

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: 2.794 ± 0.263 χ^2/NDF : 188.7/11

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.415 ± 0.269 χ^2/NDF : 36.2/9

Left: 3.097 ± 0.188 χ^2/NDF : 227.7/21

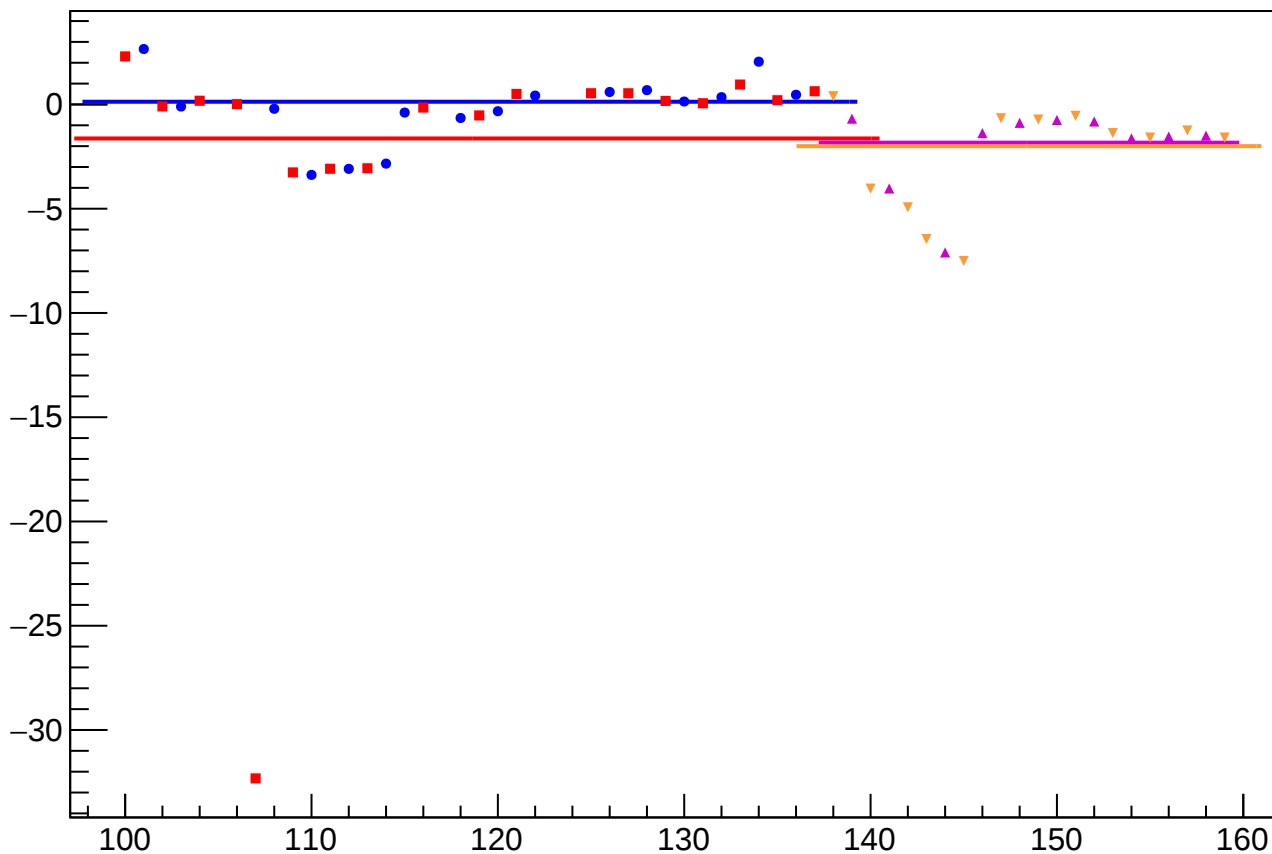
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 2.105 ± 0.221 χ^2/NDF : 190.0/25

Out: 2.076 ± 0.220 χ^2/NDF : 308.6/29

All: 2.090 ± 0.156 χ^2/NDF : 498.5/55

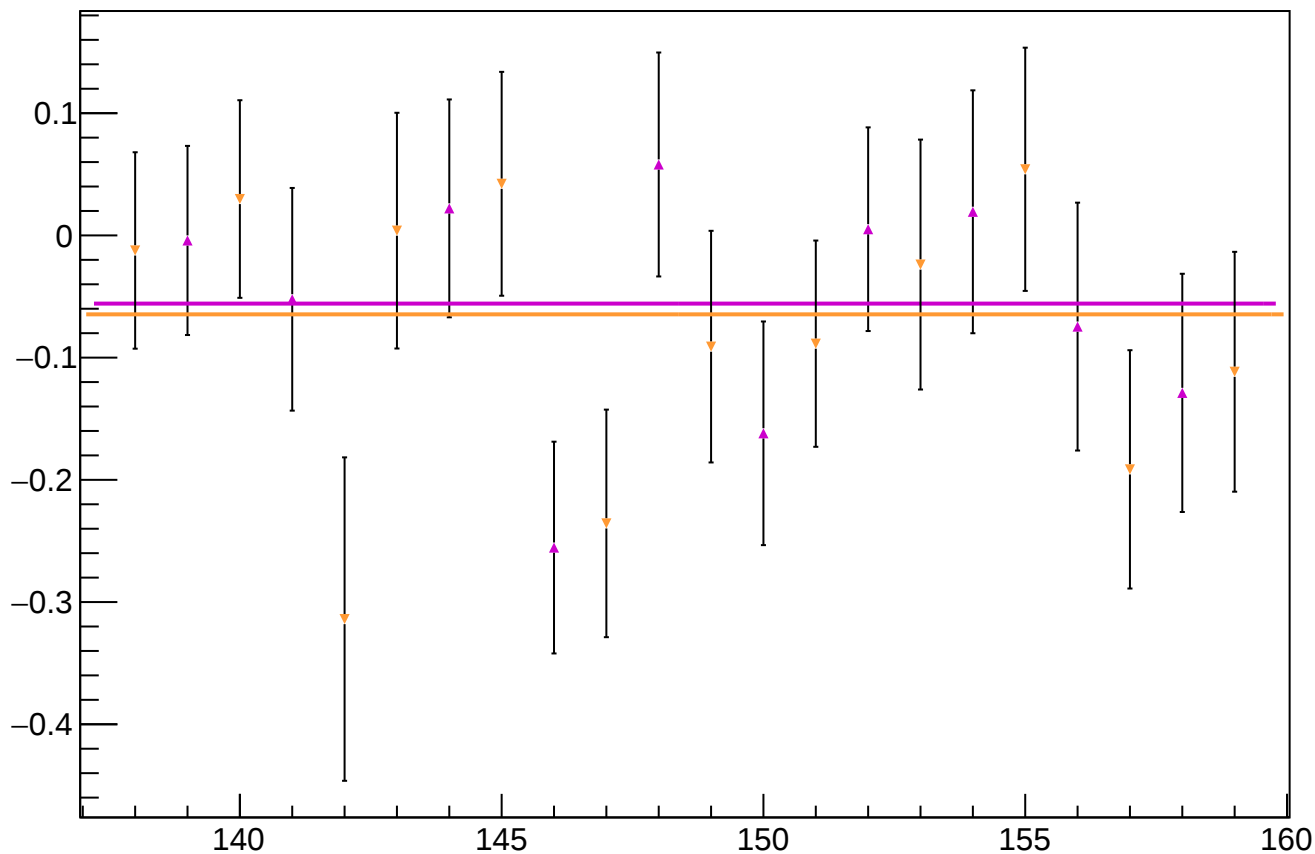
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.000 ± 0.012 $\chi^2/\text{NDF}: 29987.9/11$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.833 ± 0.012 $\chi^2/\text{NDF}: 18915.6/9$

Left: -1.917 ± 0.009 $\chi^2/\text{NDF}: 48993.4/21$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.339 ± 0.011 $\chi^2/\text{NDF}: 30382.4/25$
 Out: -1.910 ± 0.011 $\chi^2/\text{NDF}: 108077.9/29$
 All: -1.626 ± 0.008 $\chi^2/\text{NDF}: 139866.8/55$

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: -0.065 $\pm$ 0.027 χ^2 /NDF:14.2/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.056 $\pm$ 0.028 χ^2 /NDF:11.1/9

Left: -0.060 $\pm$ 0.020 χ^2 /NDF: 25.4/21

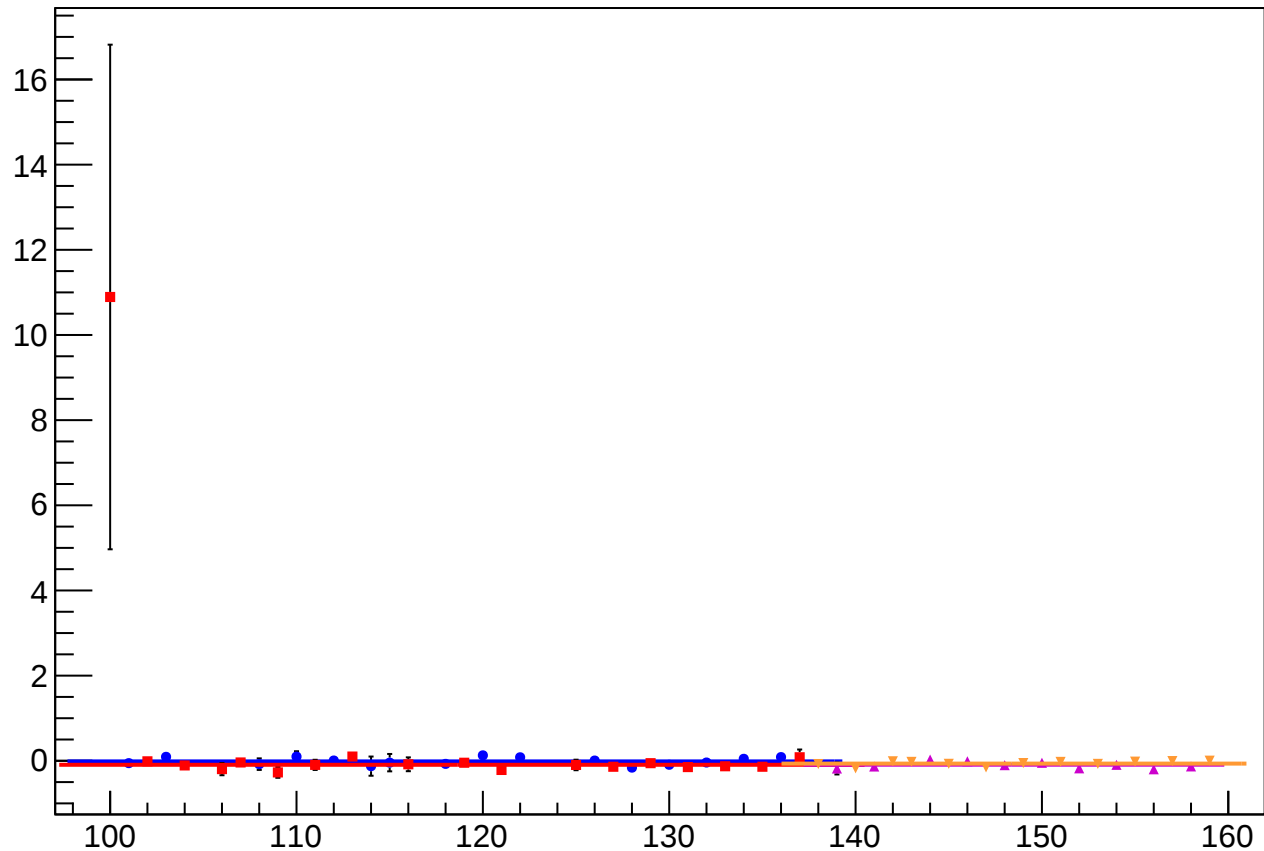
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.056 $\pm$ 0.028 χ^2 /NDF:11.1/9

Out: -0.065 $\pm$ 0.027 χ^2 /NDF:14.2/11

All: -0.060 $\pm$ 0.020 χ^2 /NDF: 25.4/21

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 12.5/15

Left Out: -0.066 $\pm$ 0.018 χ^2 /NDF:10.6/11

Right Out: -0.093 $\pm$ 0.025 χ^2 /NDF: 13.5/17

Left In: -0.092 $\pm$ 0.020 χ^2 /NDF:11.9/9

Left: -0.078 $\pm$ 0.013 χ^2 /NDF: 23.5/21

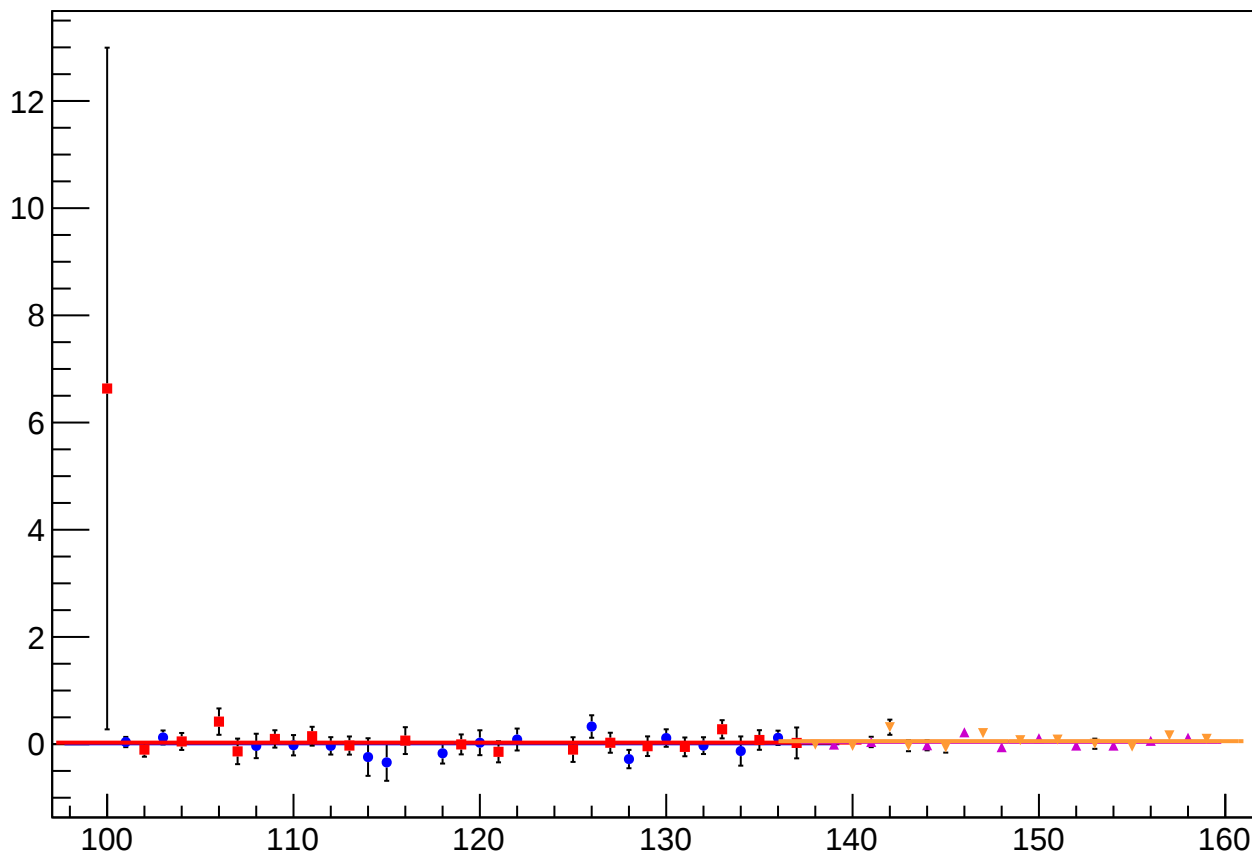
Right: -0.051 $\pm$ 0.017 χ^2 /NDF: 31.5/33

In: -0.059 $\pm$ 0.015 χ^2 /NDF:30.9/25

Out: -0.076 $\pm$ 0.015 χ^2 /NDF:24.9/29

All: -0.068 $\pm$ 0.011 χ^2 /NDF: 56.4/55

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.055+/-0.027 χ^2/NDF :13.4/11

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.042+/-0.028 χ^2/NDF :9.5/9

Left: 0.049+/-0.019 χ^2/NDF : 23.0/21

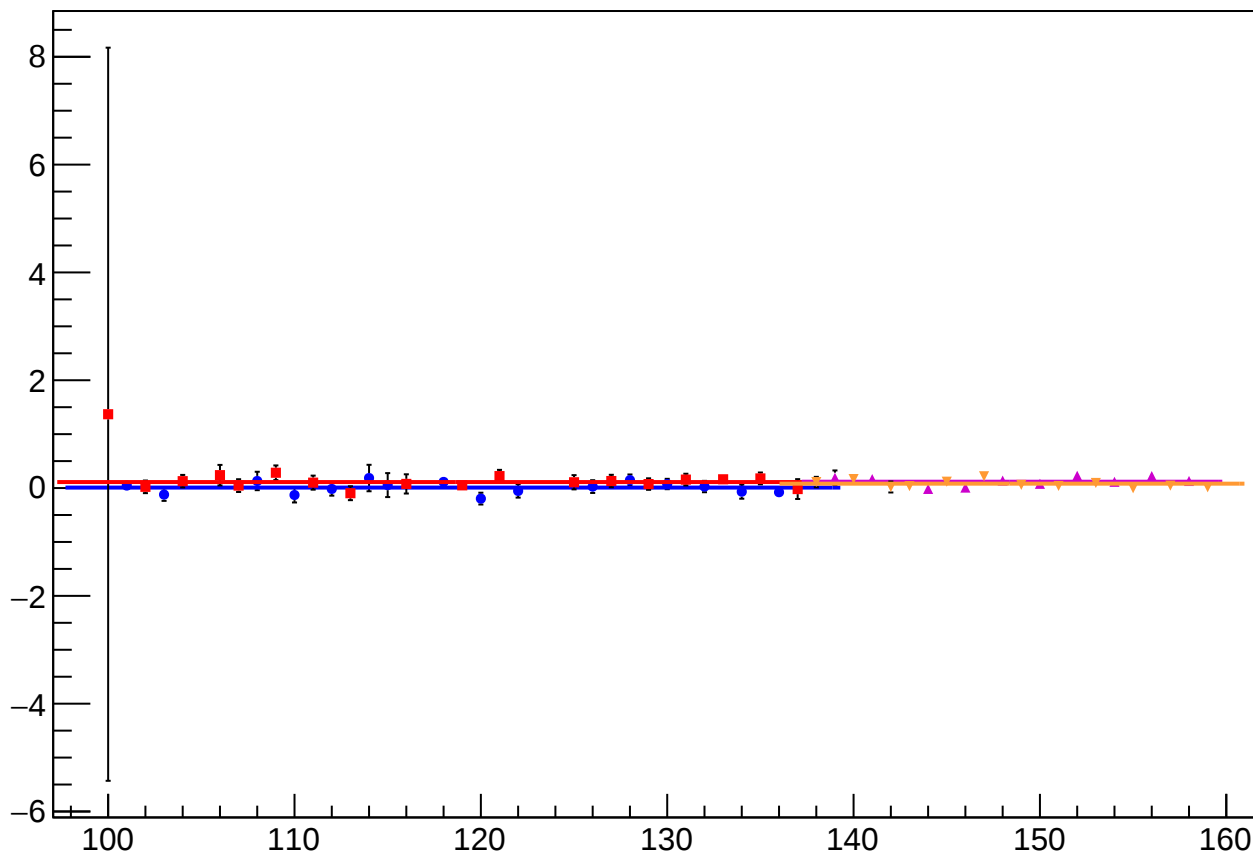
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.034+/-0.023 χ^2/NDF :19.9/25

Out: 0.048+/-0.023 χ^2/NDF :23.2/29

All: 0.041+/-0.016 χ^2/NDF : 43.3/55

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2/NDF : 12.6/15

Left Out: 0.081 $\pm$ 0.022 χ^2/NDF :10.0/11

Right Out: 0.111 $\pm$ 0.029 χ^2/NDF : 8.6/17

Left In: 0.118 $\pm$ 0.024 χ^2/NDF :10.9/9

Left: 0.098 $\pm$ 0.016 χ^2/NDF : 22.1/21

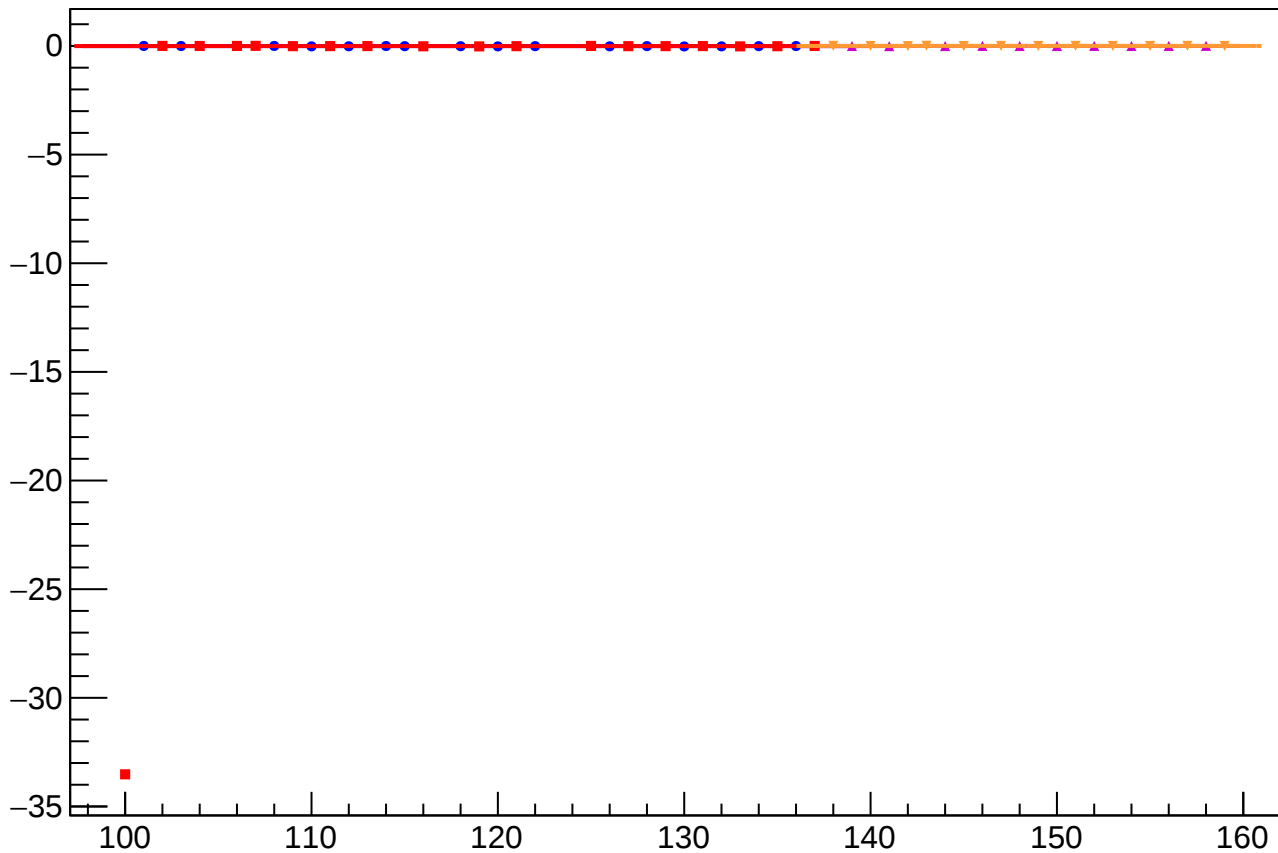
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/33

In: 0.070 $\pm$ 0.018 χ^2/NDF :32.7/25

Out: 0.093 $\pm$ 0.018 χ^2/NDF :19.3/29

All: 0.081 $\pm$ 0.013 χ^2/NDF : 52.8/55

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 9.0/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 7.1/9

Left: 0.001 ± 0.001 χ^2/NDF : 17.1/21

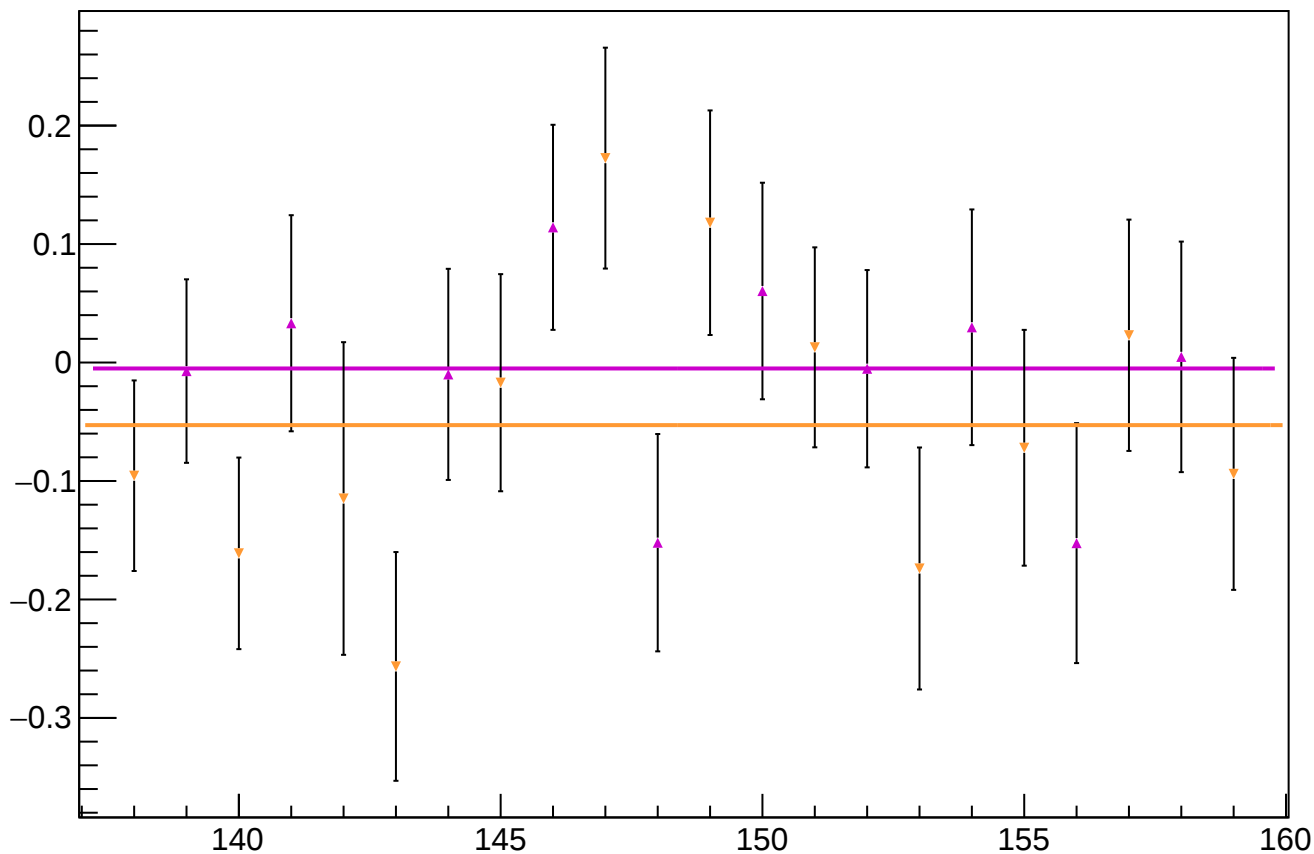
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 38.8/25

Out: -0.001 ± 0.001 χ^2/NDF : 26534.7/29

All: -0.001 ± 0.001 χ^2/NDF : 26574.1/55

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: -0.053 $\pm$ 0.027 χ^2 /NDF:18.8/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9

Left: -0.030 $\pm$ 0.020 χ^2 /NDF: 27.7/21

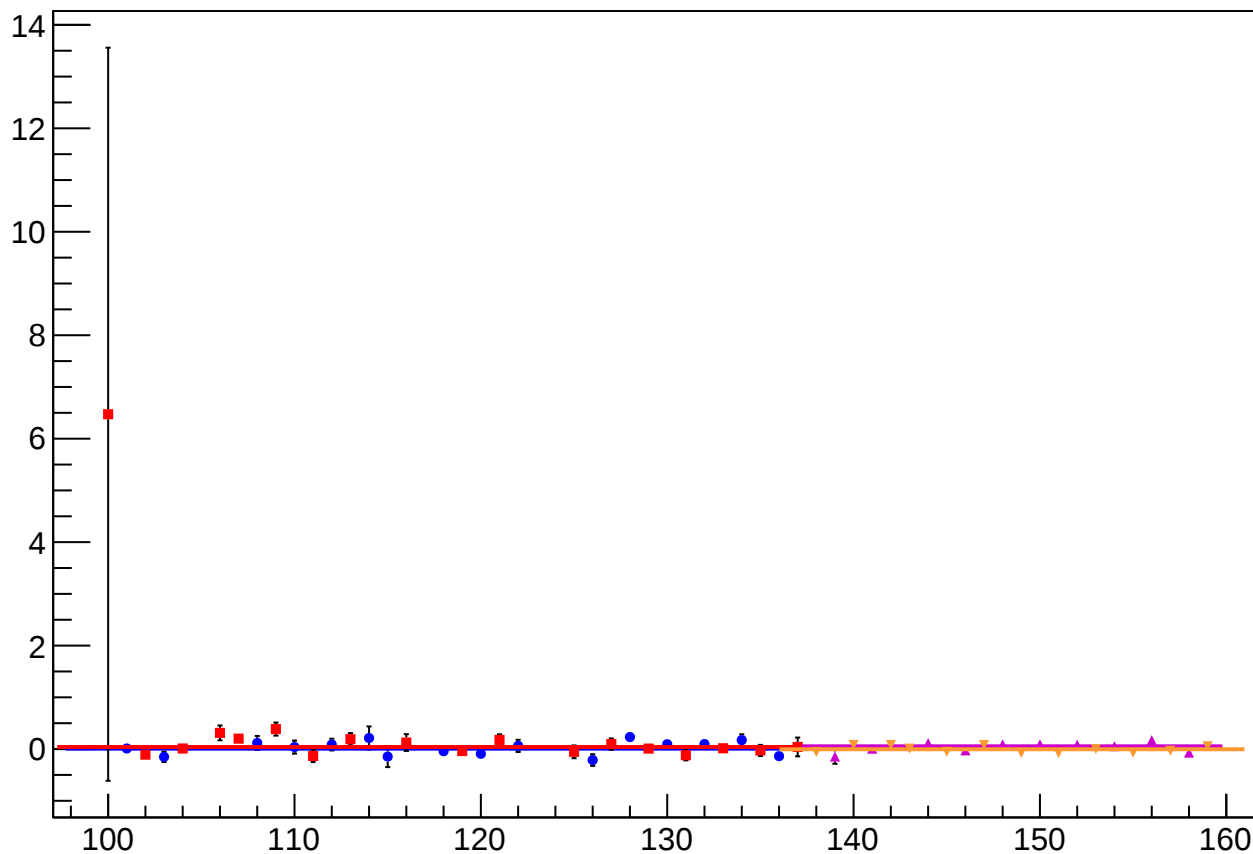
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9

Out: -0.053 $\pm$ 0.027 χ^2 /NDF:18.8/11

All: -0.030 $\pm$ 0.020 χ^2 /NDF: 27.7/21

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.004 $\pm$ 0.018 χ^2 /NDF:12.5/11

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.053 $\pm$ 0.020 χ^2 /NDF:13.3/9

Left: 0.023 $\pm$ 0.013 χ^2 /NDF: 30.2/21

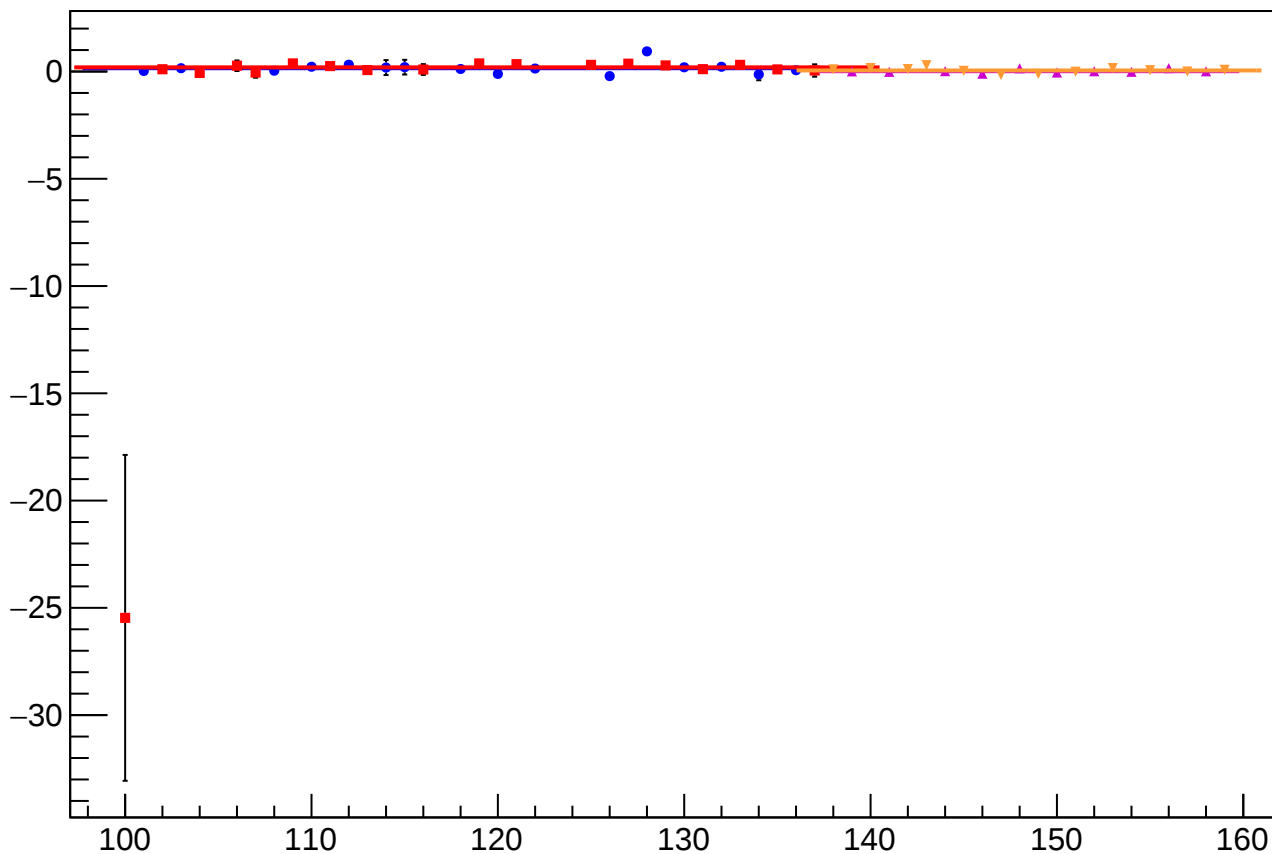
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.034 $\pm$ 0.015 χ^2 /NDF:39.1/25

Out: 0.012 $\pm$ 0.015 χ^2 /NDF:42.9/29

All: 0.023 $\pm$ 0.011 χ^2 /NDF: 83.1/55

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: 0.049+/-0.027 χ^2/NDF :19.4/11

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.015+/-0.028 χ^2/NDF :7.4/9

Left: 0.033+/-0.019 χ^2/NDF : 27.7/21

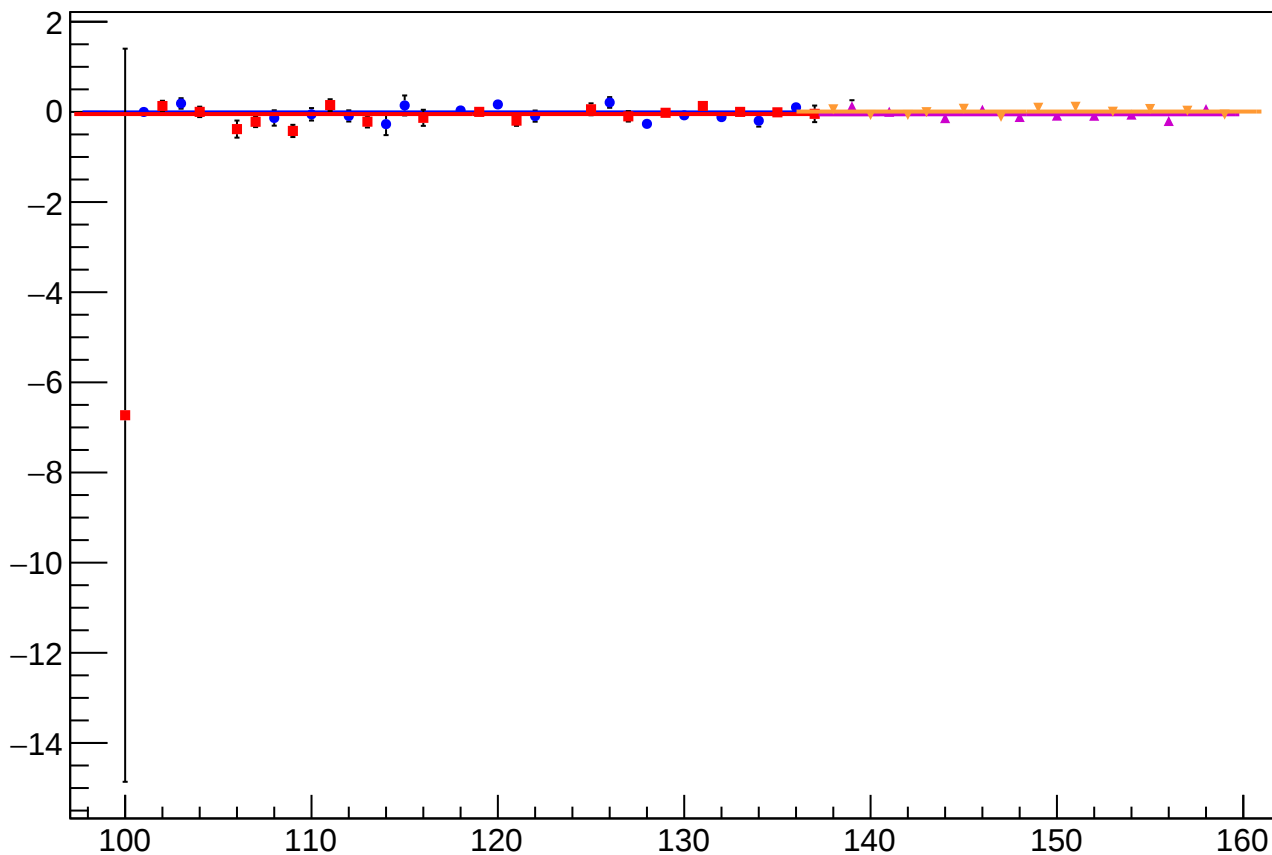
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.056+/-0.023 χ^2/NDF :45.3/25

Out: 0.087+/-0.023 χ^2/NDF :49.0/29

All: 0.072+/-0.016 χ^2/NDF : 95.2/55

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.008 ± 0.022 $\chi^2/\text{NDF}: 11.6/11$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.053 ± 0.024 $\chi^2/\text{NDF}: 13.3/9$

Left: -0.021 ± 0.016 $\chi^2/\text{NDF}: 28.4/21$

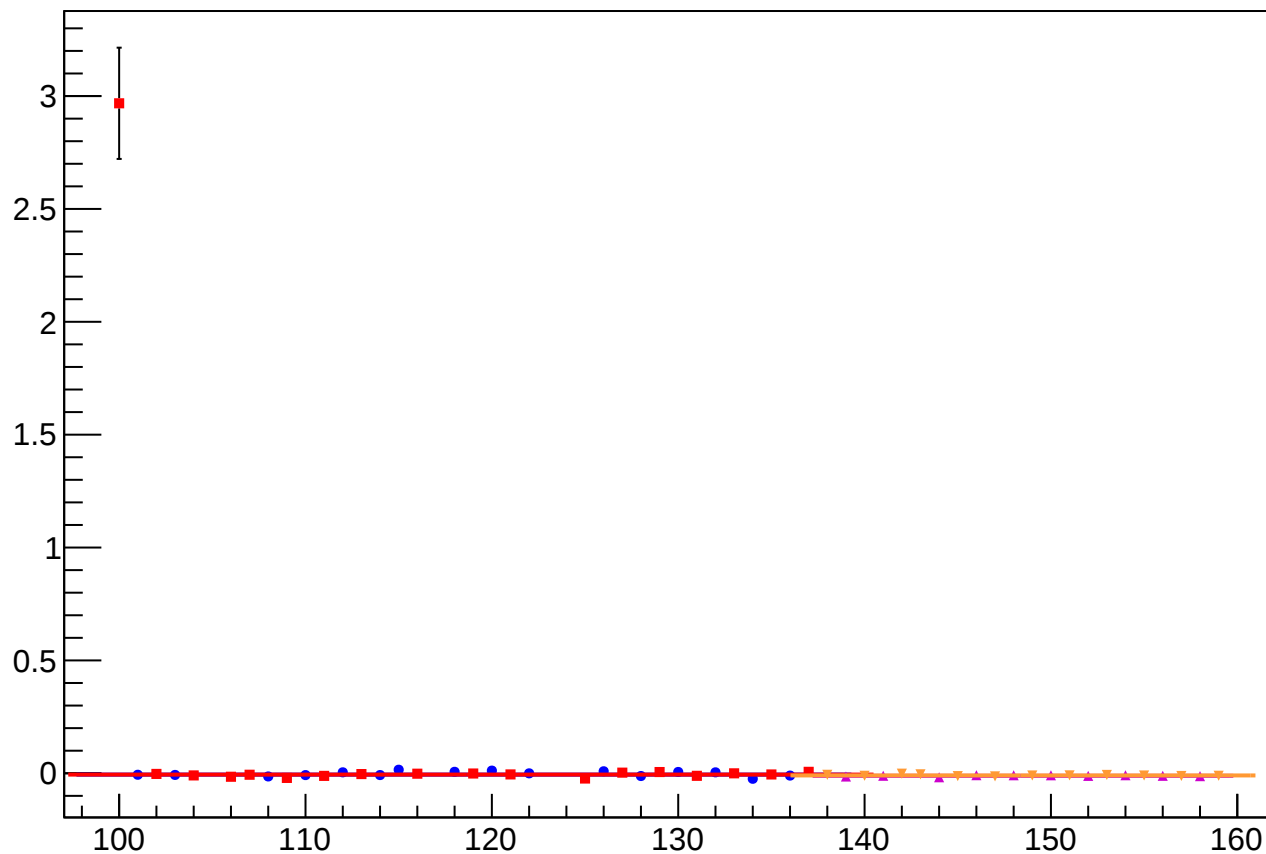
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.035 ± 0.018 $\chi^2/\text{NDF}: 38.1/25$

Out: -0.014 ± 0.018 $\chi^2/\text{NDF}: 40.2/29$

All: -0.024 ± 0.012 $\chi^2/\text{NDF}: 79.0/55$

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: -0.010 ± 0.001 χ^2/NDF : 7.2/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 5.7/9

Left: -0.010 ± 0.001 χ^2/NDF : 14.3/21

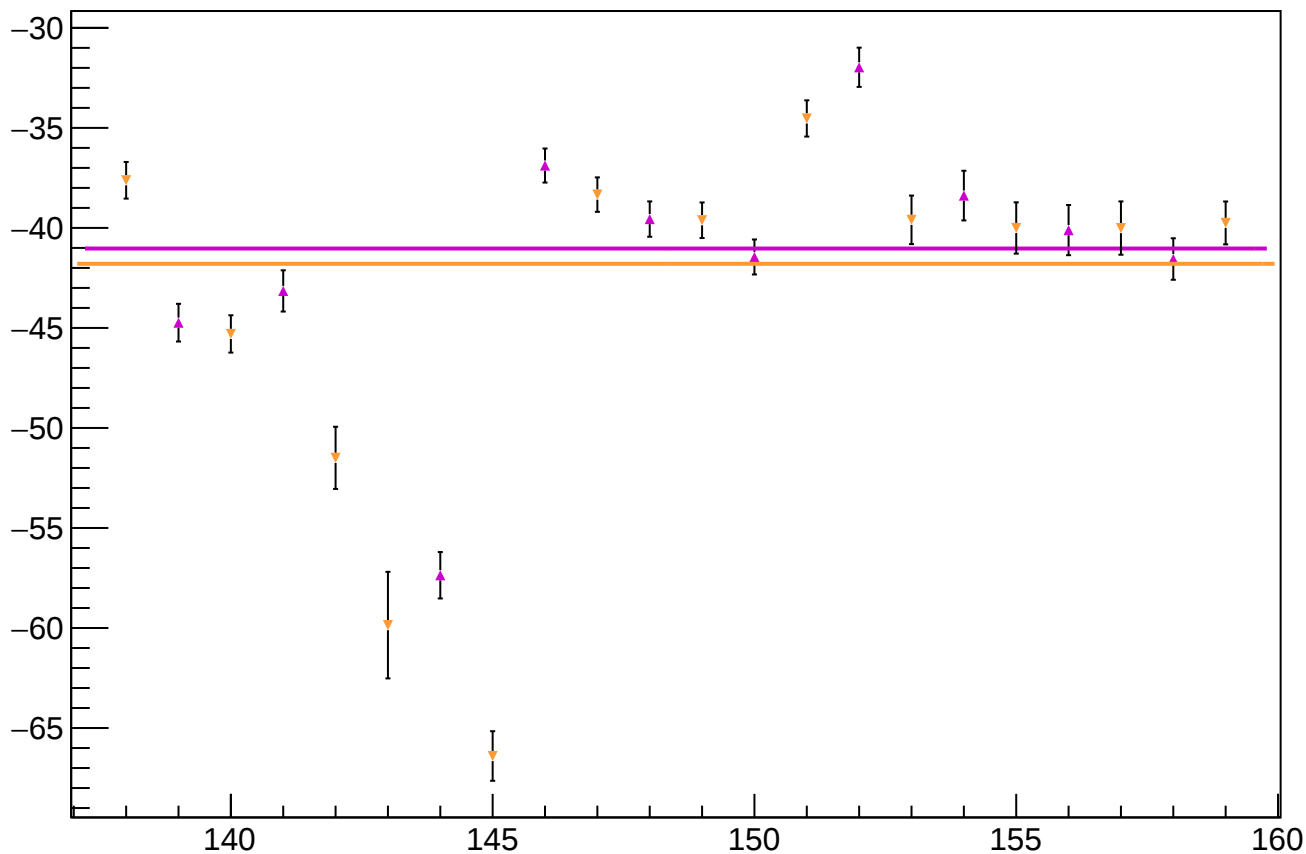
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 43.2/25

Out: -0.008 ± 0.001 χ^2/NDF : 176.8/29

All: -0.009 ± 0.001 χ^2/NDF : 220.8/55

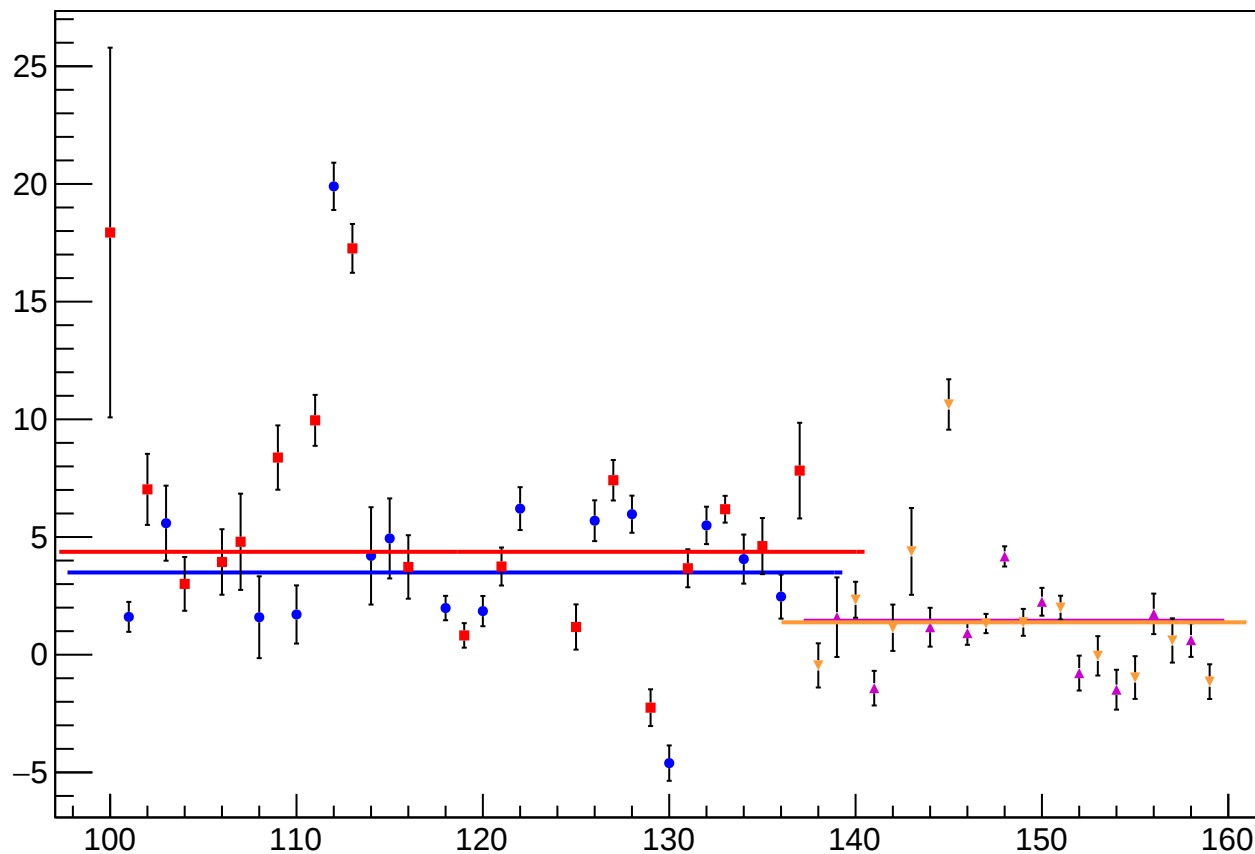
reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.793+/-0.315 χ^2/NDF :611.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.030+/-0.316 χ^2/NDF :335.3/9

Left: -41.413+/-0.223 χ^2/NDF : 949.3/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -41.030+/-0.316 χ^2/NDF :335.3/9
 Out: -41.793+/-0.315 χ^2/NDF :611.0/11
 All: -41.413+/-0.223 χ^2/NDF : 949.3/21

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: 1.376 ± 0.206 $\chi^2/\text{NDF}: 106.2/11$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.445 ± 0.211 $\chi^2/\text{NDF}: 81.3/9$

Left: 1.410 ± 0.147 $\chi^2/\text{NDF}: 187.5/21$

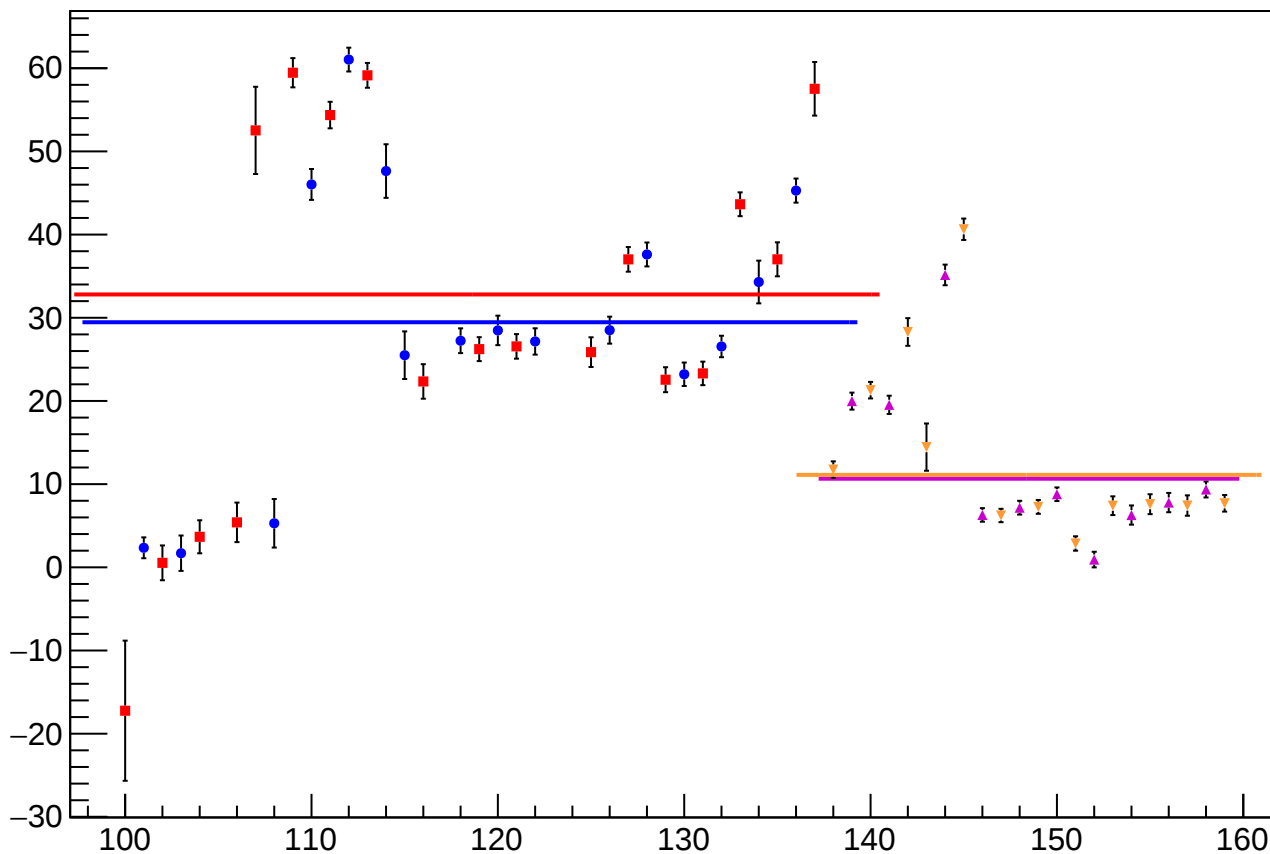
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.436 ± 0.151 $\chi^2/\text{NDF}: 571.9/25$

Out: 2.739 ± 0.152 $\chi^2/\text{NDF}: 556.5/29$

All: 2.587 ± 0.107 $\chi^2/\text{NDF}: 1130.4/55$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.115 $\pm$ 0.307 χ^2 /NDF: 929.9/11

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 10.651 $\pm$ 0.307 χ^2 /NDF: 719.9/9

Left: 10.883 $\pm$ 0.217 χ^2 /NDF: 1650.9/21

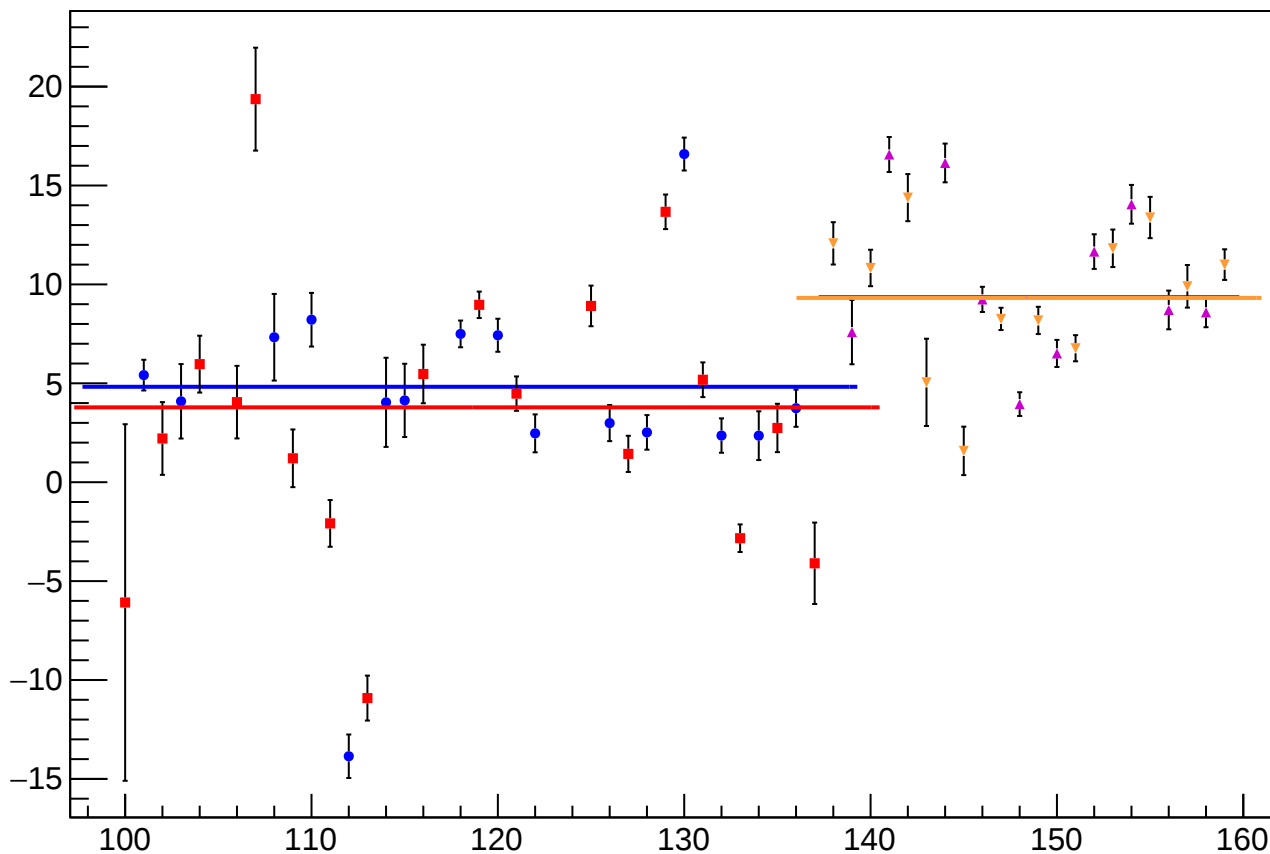
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 17.249 $\pm$ 0.247 χ^2 /NDF: 3529.5/25

Out: 18.600 $\pm$ 0.248 χ^2 /NDF: 4311.7/29

All: 17.921 $\pm$ 0.175 χ^2 /NDF: 7856.0/55

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.317 ± 0.252 $\chi^2/\text{NDF}: 119.4/11$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.362 ± 0.256 $\chi^2/\text{NDF}: 245.6/9$

Left: 9.339 ± 0.180 $\chi^2/\text{NDF}: 365.0/21$

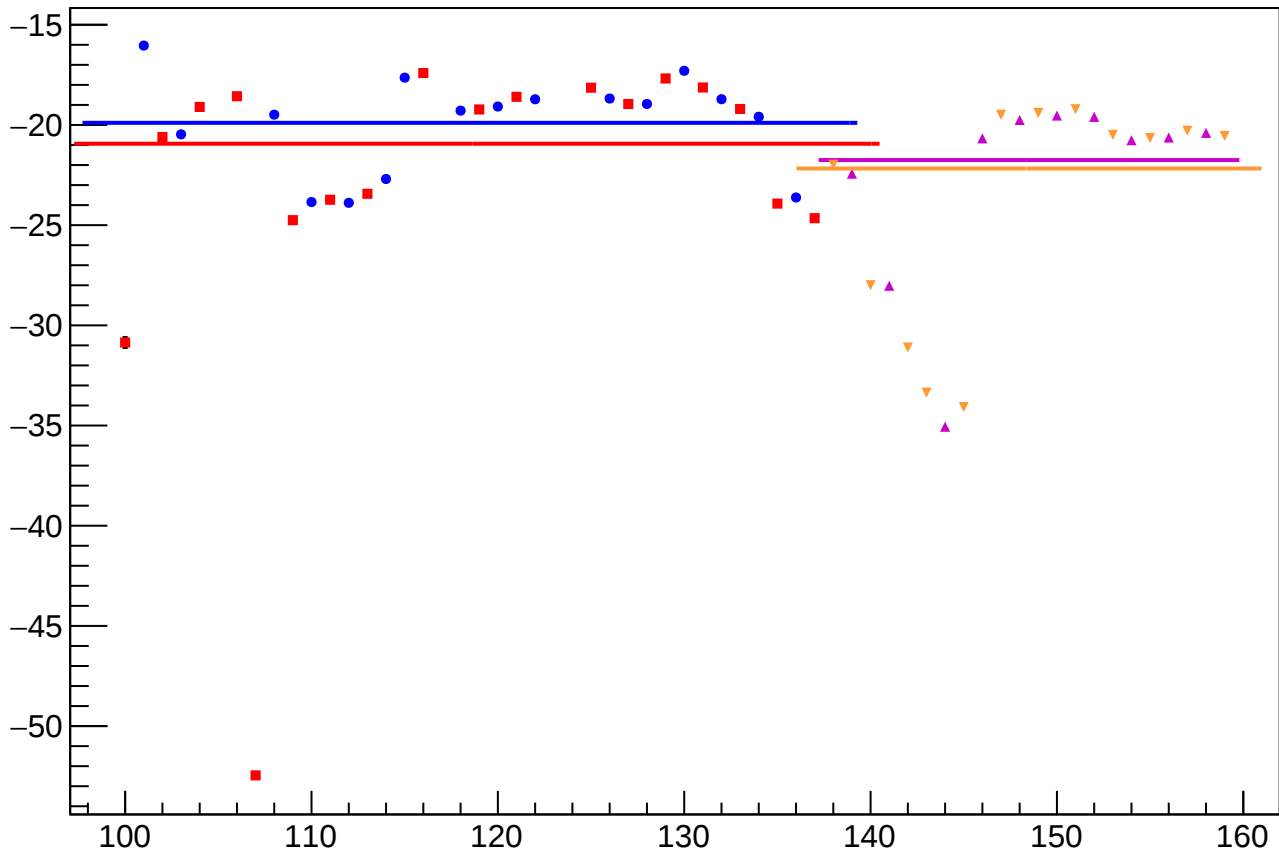
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.053 ± 0.180 $\chi^2/\text{NDF}: 958.2/25$

Out: 6.624 ± 0.181 $\chi^2/\text{NDF}: 918.7/29$

All: 6.840 ± 0.127 $\chi^2/\text{NDF}: 1879.7/55$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -22.173 ± 0.012 χ^2/NDF : 124618.7/11

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -21.751 ± 0.012 χ^2/NDF : 94533.0/9

Left: -21.959 ± 0.009 χ^2/NDF : 219750.3/21

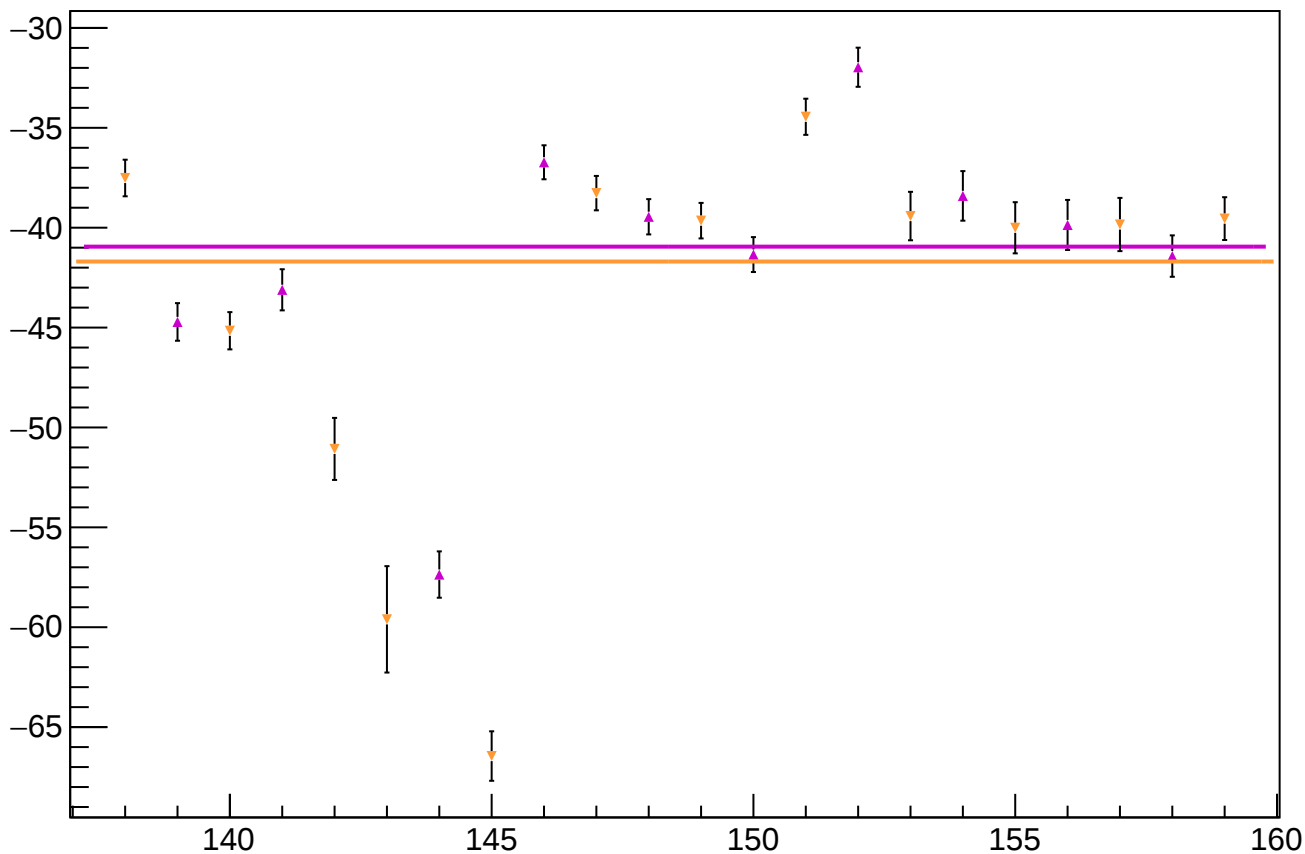
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -21.049 ± 0.010 χ^2/NDF : 129475.6/25

Out: -21.704 ± 0.010 χ^2/NDF : 222588.5/29

All: -21.373 ± 0.007 χ^2/NDF : 354373.4/55

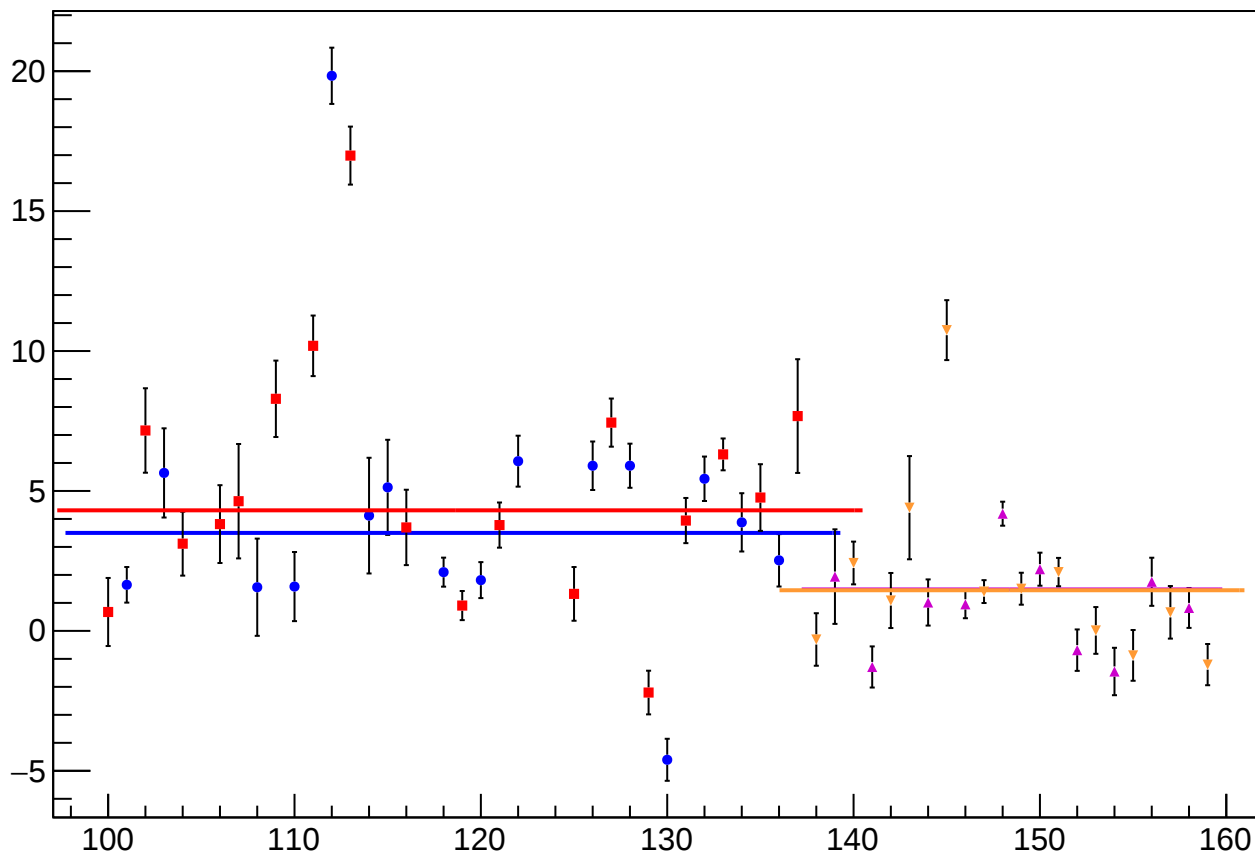
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.694+/-0.315 χ^2/NDF : 612.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.948+/-0.316 χ^2/NDF : 337.6/9

Left: -41.322+/-0.223 χ^2/NDF : 952.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.948+/-0.316 χ^2/NDF : 337.6/9
 Out: -41.694+/-0.315 χ^2/NDF : 612.2/11
 All: -41.322+/-0.223 χ^2/NDF : 952.6/21

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.452 ± 0.206 χ^2/NDF : 108.1/11

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.481 ± 0.210 χ^2/NDF : 78.6/9

Left: 1.466 ± 0.147 χ^2/NDF : 186.8/21

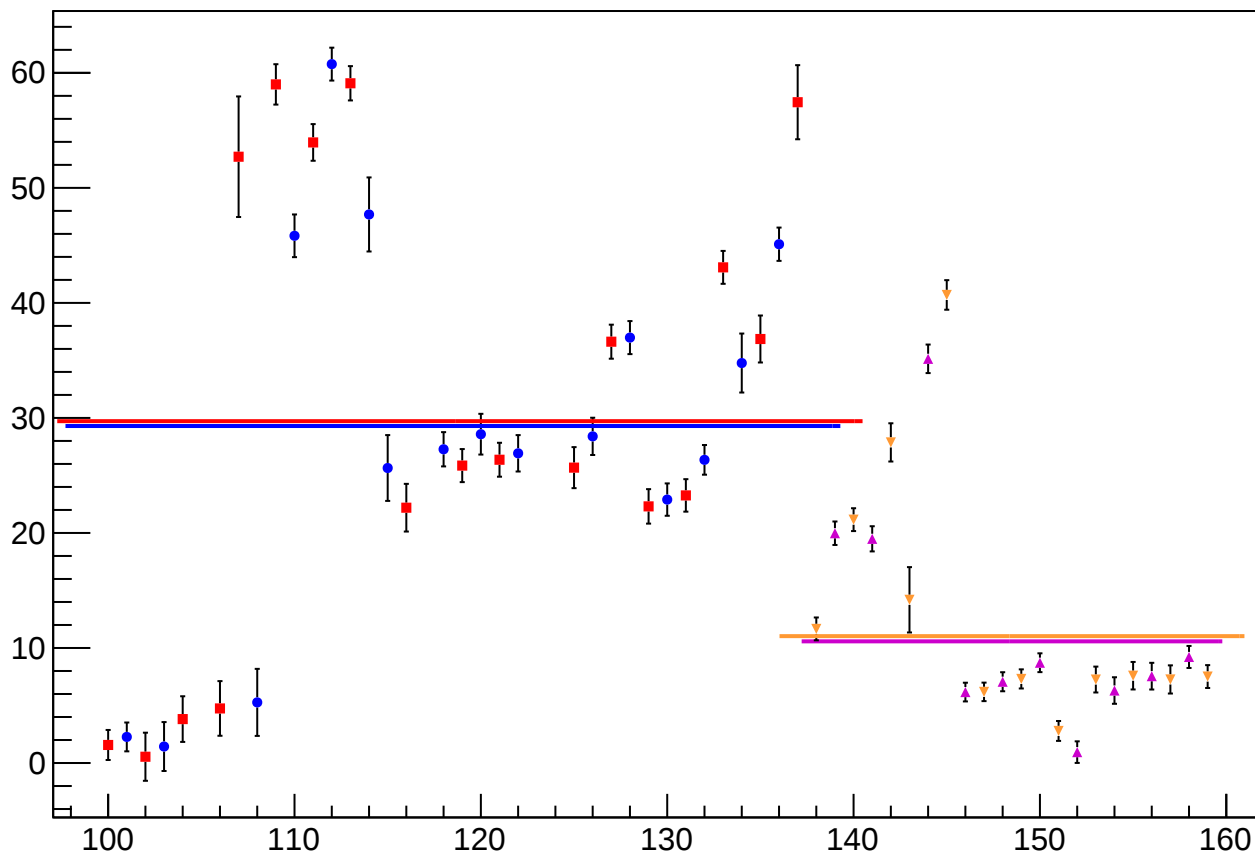
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.458 ± 0.151 χ^2/NDF : 565.1/25

Out: 2.775 ± 0.151 χ^2/NDF : 550.2/29

All: 2.617 ± 0.107 χ^2/NDF : 1117.5/55

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 11.030 $\pm$ 0.307 χ^2 /NDF:929.5/11

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 10.576 $\pm$ 0.307 χ^2 /NDF:723.8/9

Left: 10.803 $\pm$ 0.217 χ^2 /NDF: 1654.4/21

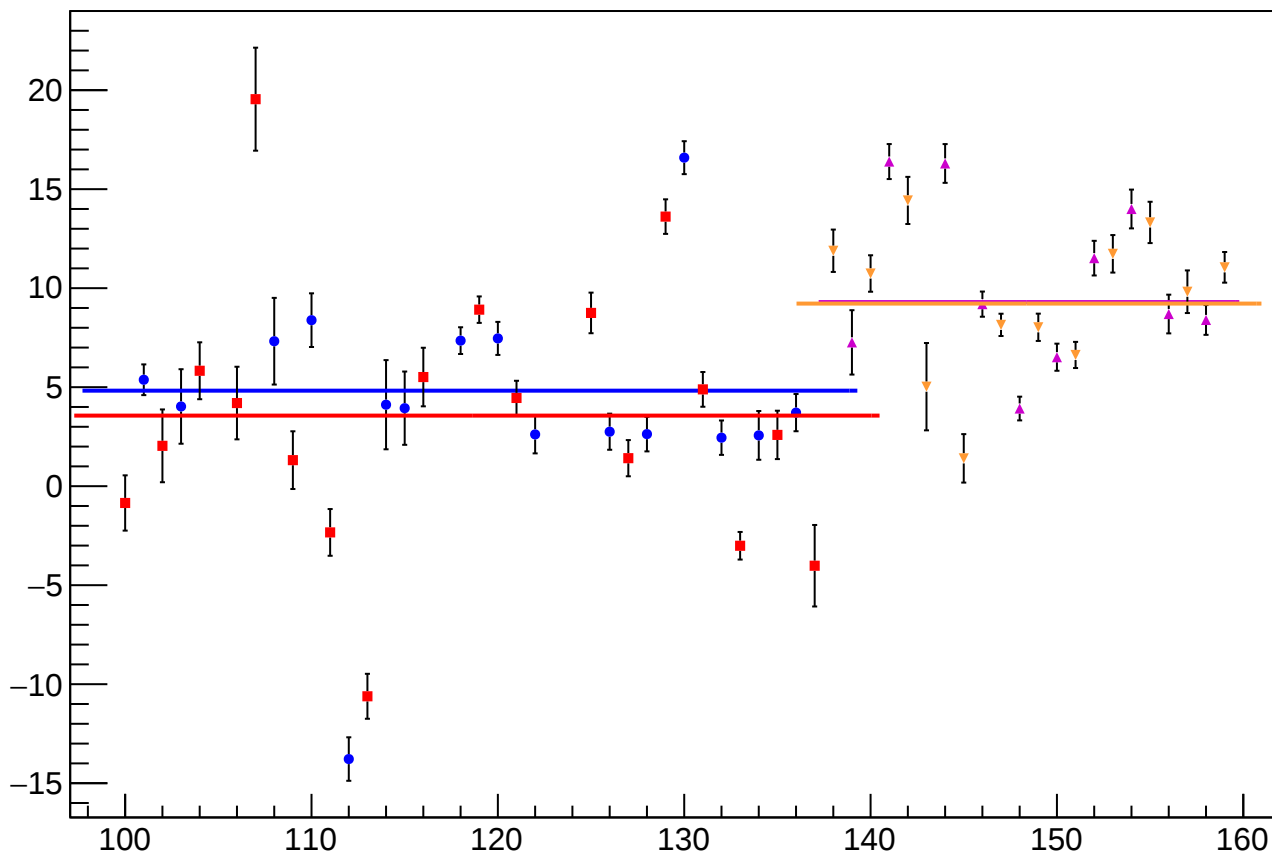
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 17.142 $\pm$ 0.247 χ^2 /NDF:3516.1/25

Out: 17.899 $\pm$ 0.244 χ^2 /NDF:4421.6/29

All: 17.525 $\pm$ 0.174 χ^2 /NDF: 7942.5/55

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.222 ± 0.252 χ^2/NDF : 123.0/11

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.299 ± 0.256 χ^2/NDF : 245.5/9

Left: 9.260 ± 0.180 χ^2/NDF : 368.6/21

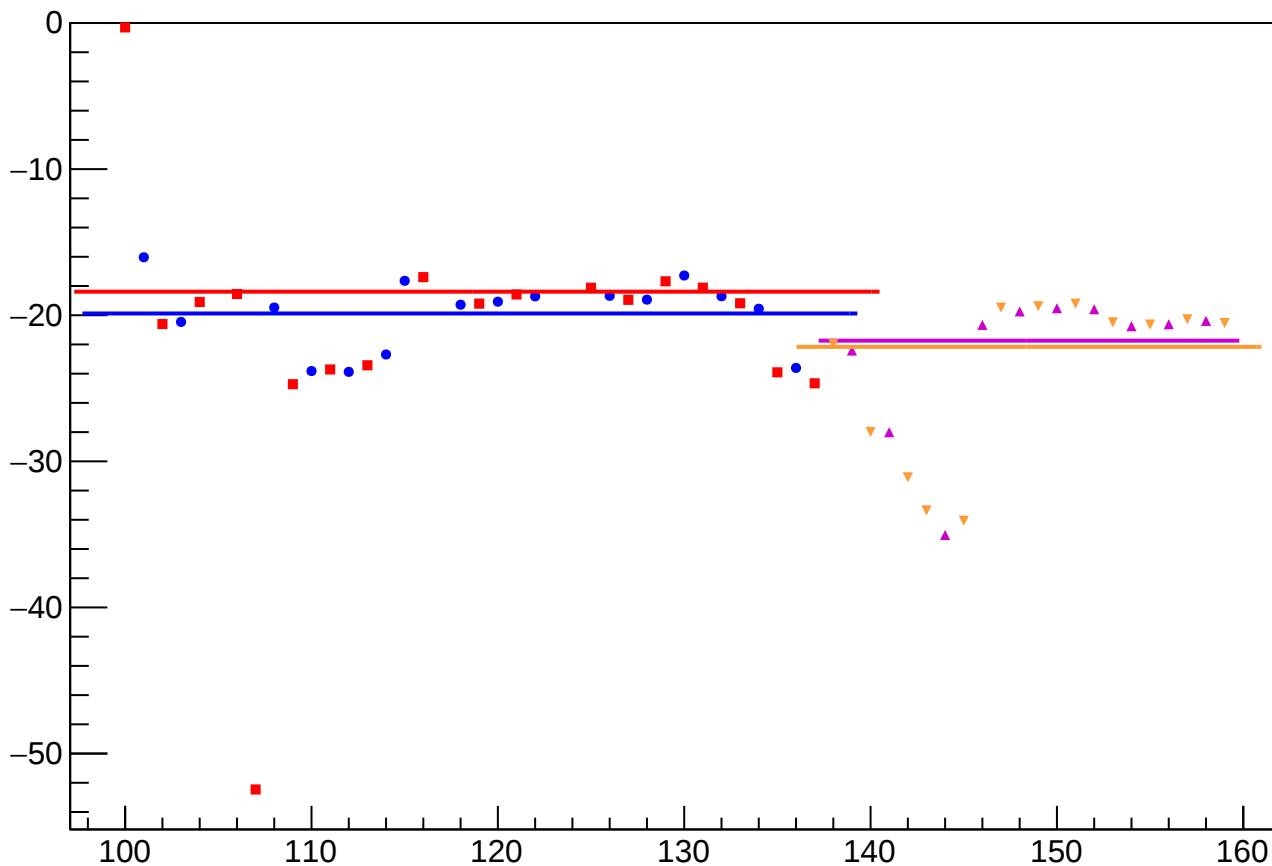
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.022 ± 0.179 χ^2/NDF : 950.2/25

Out: 6.421 ± 0.179 χ^2/NDF : 942.8/29

All: 6.721 ± 0.127 χ^2/NDF : 1898.7/55

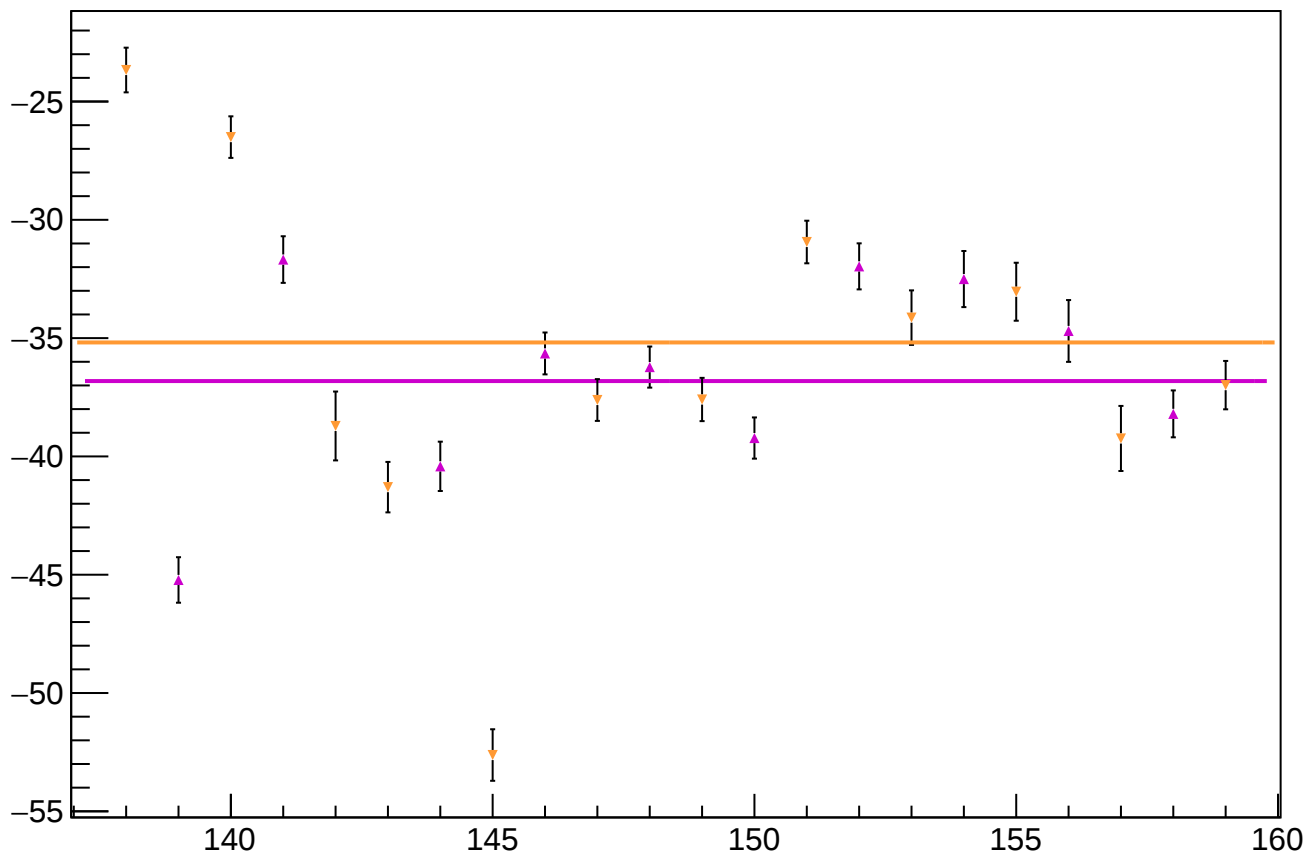
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -22.164 ± 0.012 $\chi^2/\text{NDF}: 124716.7/11$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.740 ± 0.012 $\chi^2/\text{NDF}: 94478.5/9$

Left: -21.949 ± 0.009 $\chi^2/\text{NDF}: 219801.0/21$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.038 ± 0.010 $\chi^2/\text{NDF}: 129432.7/25$
 Out: -20.617 ± 0.009 $\chi^2/\text{NDF}: 464727.5/29$
 All: -20.825 ± 0.007 $\chi^2/\text{NDF}: 595143.5/55$

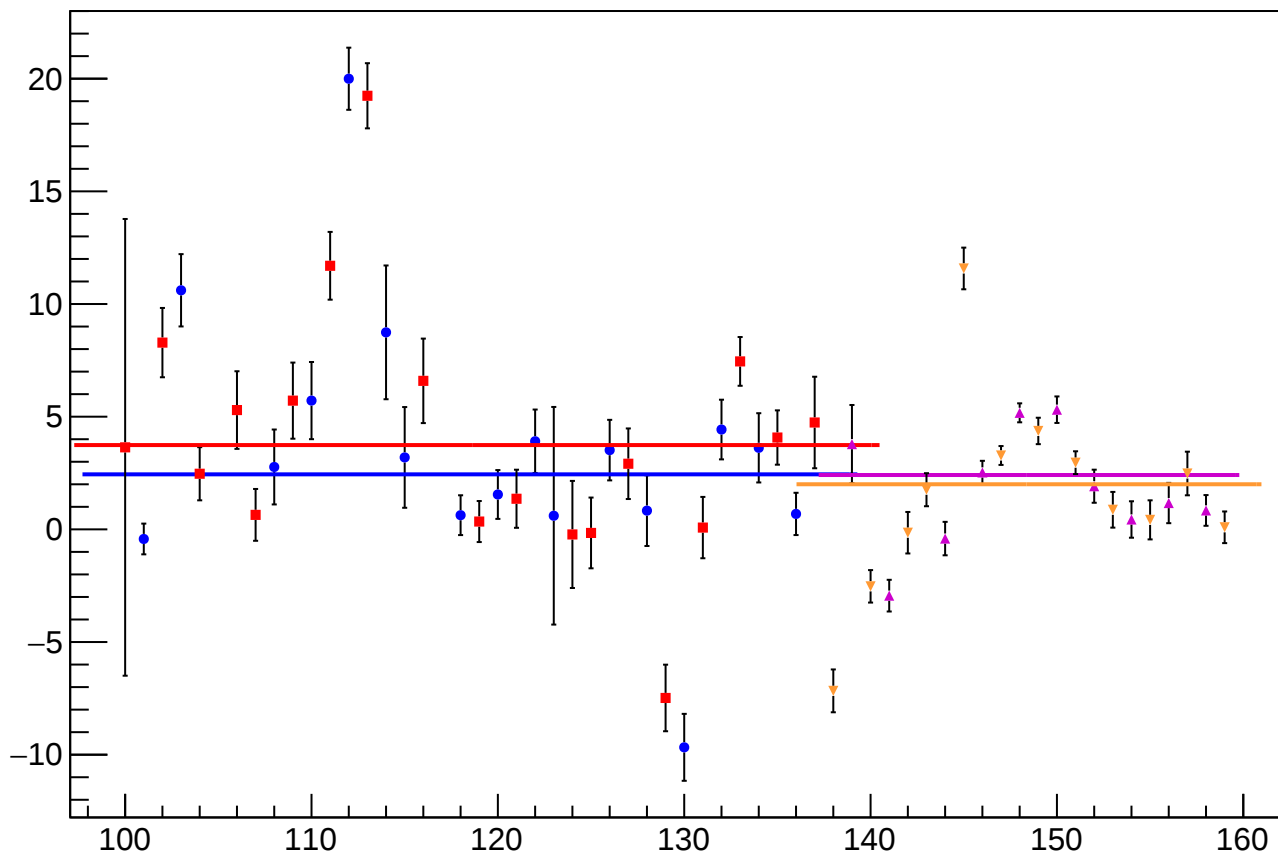
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.183+/-0.298 χ^2/NDF :593.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.815+/-0.311 χ^2/NDF :168.0/9

Left: -35.965+/-0.215 χ^2/NDF : 776.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.815+/-0.311 χ^2/NDF :168.0/9
 Out: -35.183+/-0.298 χ^2/NDF :593.9/11
 All: -35.965+/-0.215 χ^2/NDF : 776.2/21

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.001 ± 0.197 χ^2/NDF : 287.7/11

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 2.412 ± 0.207 χ^2/NDF : 154.0/9

Left: 2.196 ± 0.143 χ^2/NDF : 443.7/21

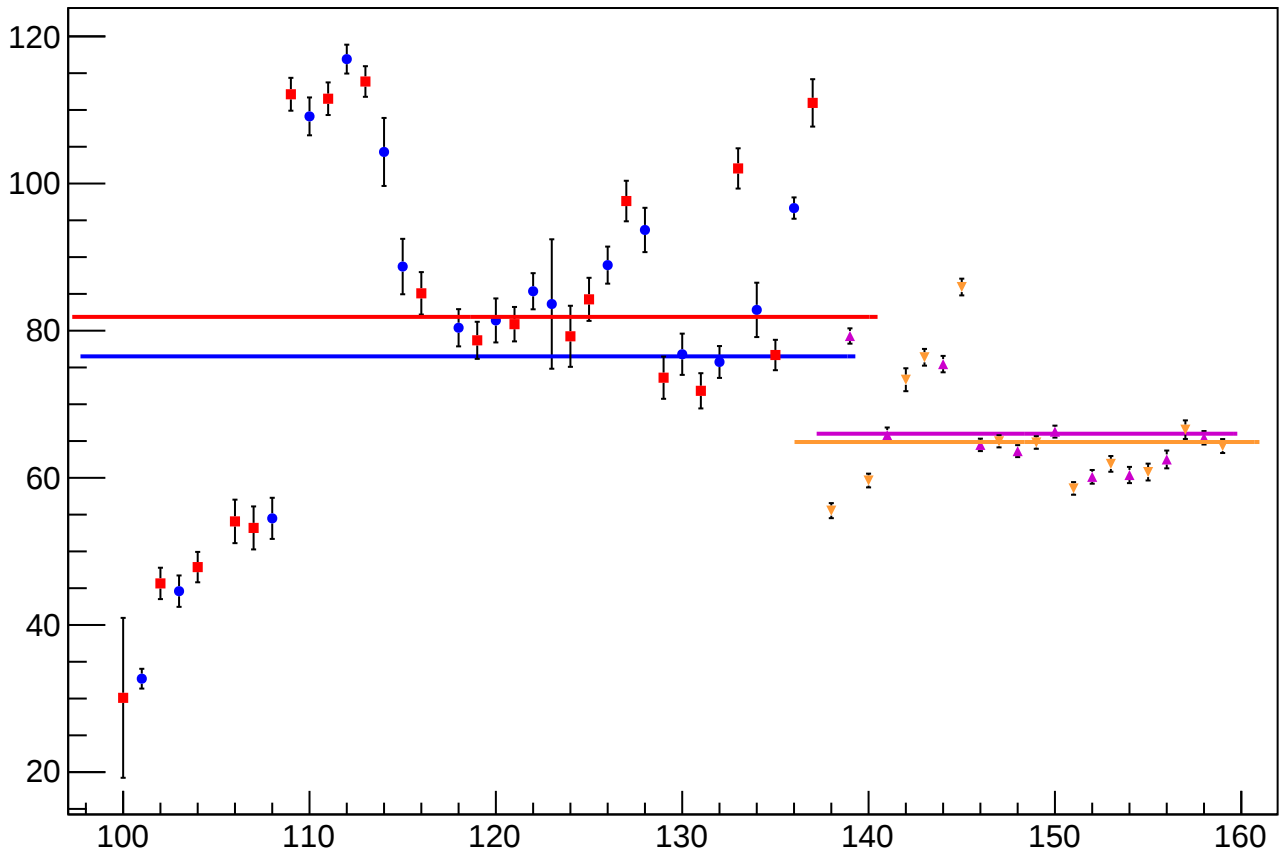
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 2.421 ± 0.173 χ^2/NDF : 448.7/26

Out: 2.465 ± 0.169 χ^2/NDF : 576.6/30

All: 2.444 ± 0.121 χ^2/NDF : 1025.3/57

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: 64.870 $\pm$ 0.293 χ^2/NDF :665.9/11

Right Out: 81.875 $\pm$ 0.592 χ^2/NDF : 1570.7/18

Left In: 65.996 $\pm$ 0.303 χ^2/NDF :320.7/9

Left: 65.415 $\pm$ 0.211 χ^2/NDF : 993.7/21

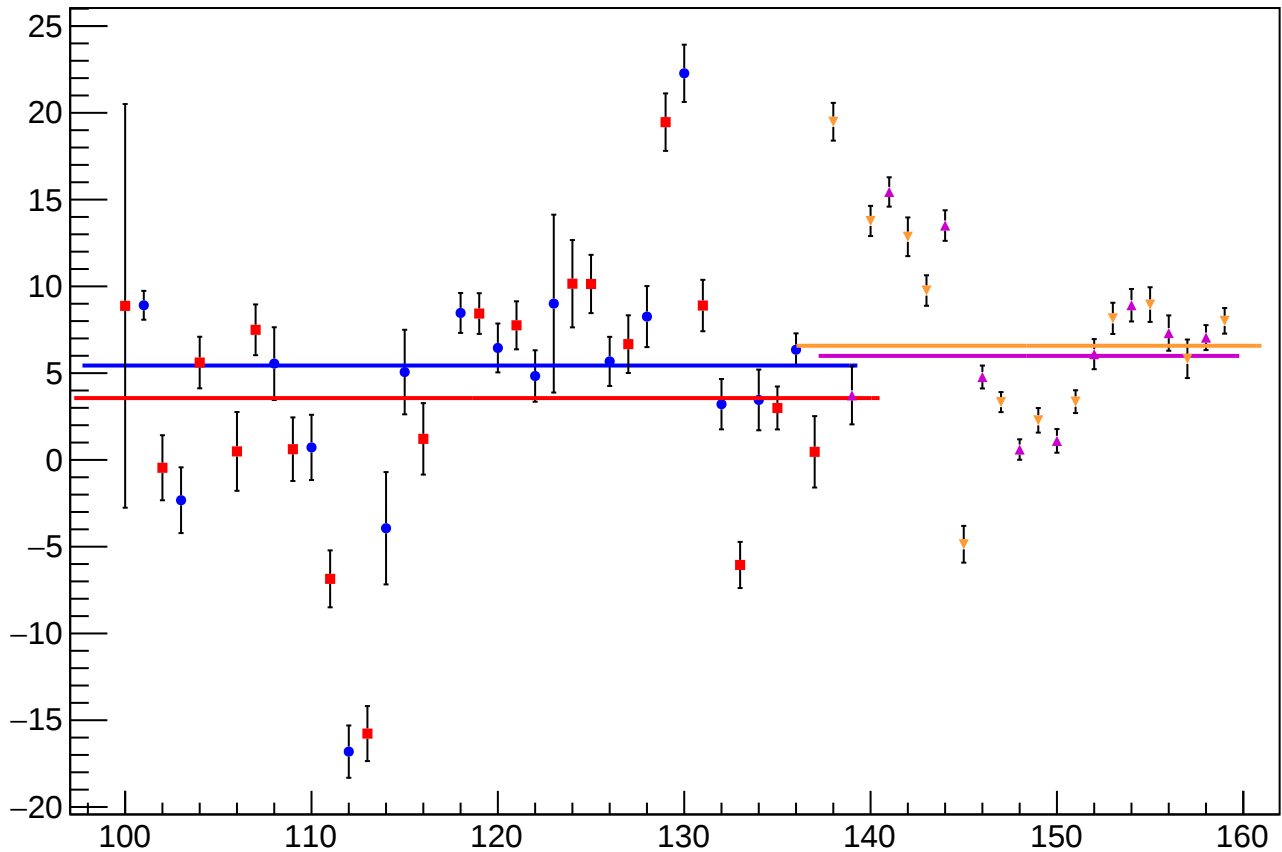
Right: 79.111 $\pm$ 0.412 χ^2/NDF : 3864.0/35

In: 68.284 $\pm$ 0.268 χ^2/NDF :2833.9/26

Out: 68.223 $\pm$ 0.263 χ^2/NDF :2899.6/30

All: 68.253 $\pm$ 0.188 χ^2/NDF : 5733.6/57

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2/NDF : 386.2/16

Left Out: 6.578 $\pm$ 0.240 χ^2/NDF :476.2/11

Right Out: 3.563 $\pm$ 0.375 χ^2/NDF : 420.8/18

Left In: 5.994 $\pm$ 0.252 χ^2/NDF :351.8/9

Left: 6.300 $\pm$ 0.174 χ^2/NDF : 830.8/21

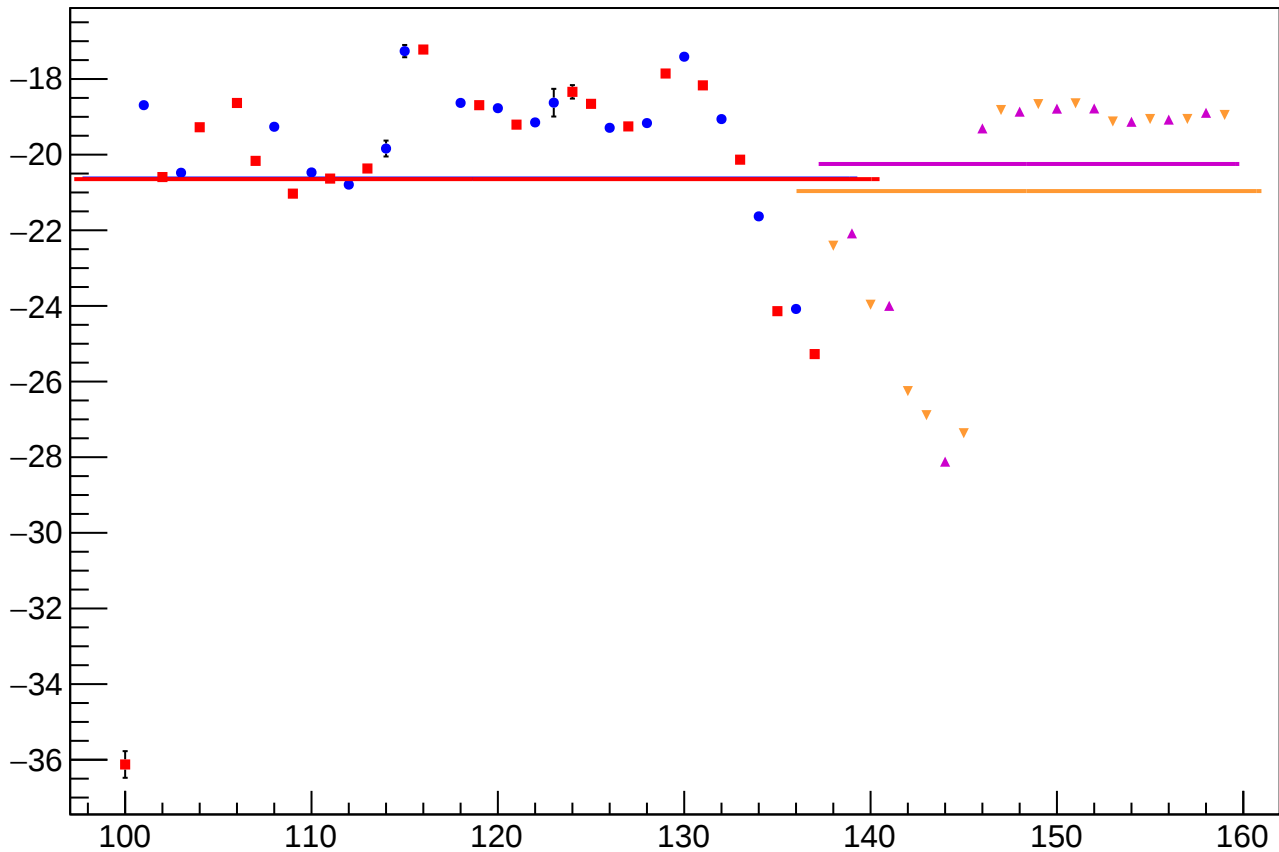
Right: 4.545 $\pm$ 0.259 χ^2/NDF : 820.1/35

In: 5.810 $\pm$ 0.206 χ^2/NDF :739.6/26

Out: 5.701 $\pm$ 0.202 χ^2/NDF :942.9/30

All: 5.754 $\pm$ 0.144 χ^2/NDF : 1682.6/57

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: -20.963 $\pm$ 0.012 χ^2 /NDF: 71774.6/11

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -20.247 $\pm$ 0.012 χ^2 /NDF: 45250.5/9

Left: -20.613 $\pm$ 0.008 χ^2 /NDF: 118853.4/21

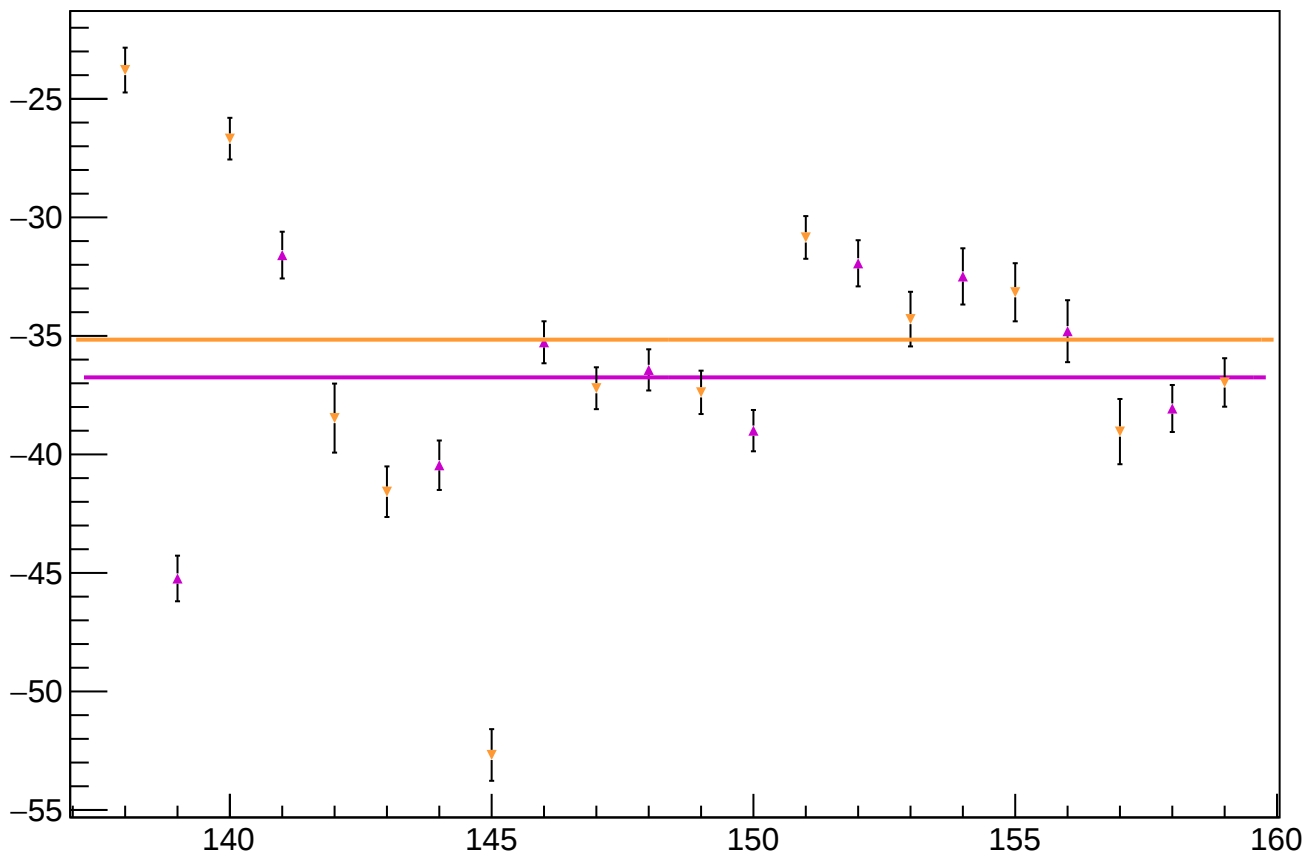
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.354 $\pm$ 0.010 χ^2 /NDF: 58039.1/26

Out: -20.879 $\pm$ 0.010 χ^2 /NDF: 85877.4/30

All: -20.620 $\pm$ 0.007 χ^2 /NDF: 145266.9/57

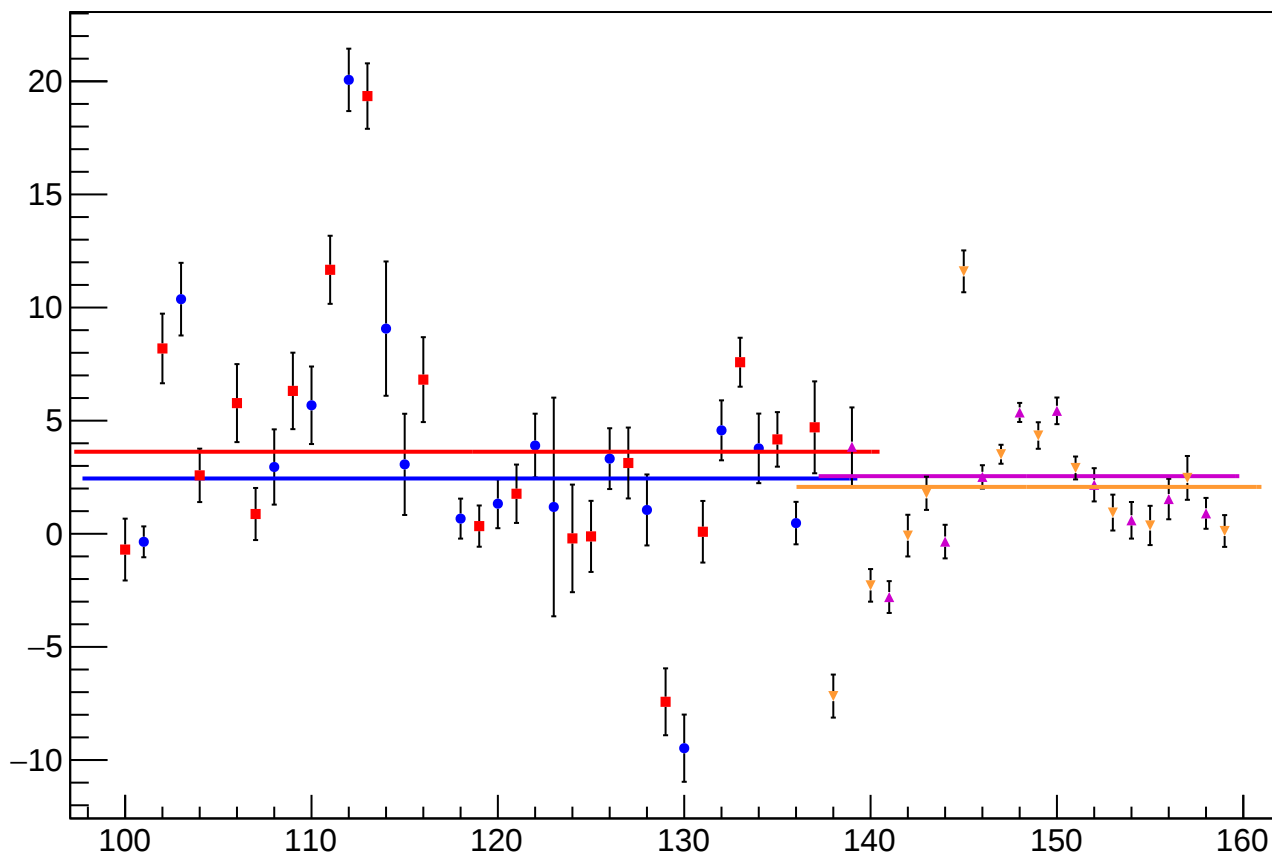
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.158+/-0.299 χ^2/NDF :586.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.750+/-0.311 χ^2/NDF :168.6/9

Left: -35.921+/-0.216 χ^2/NDF : 768.4/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.750+/-0.311 χ^2/NDF :168.6/9
 Out: -35.158+/-0.299 χ^2/NDF :586.2/11
 All: -35.921+/-0.216 χ^2/NDF : 768.4/21

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.072 $\pm$ 0.197 χ^2 /NDF:286.1/11

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 2.547 $\pm$ 0.208 χ^2 /NDF:155.3/9

Left: 2.297 $\pm$ 0.143 χ^2 /NDF: 444.1/21

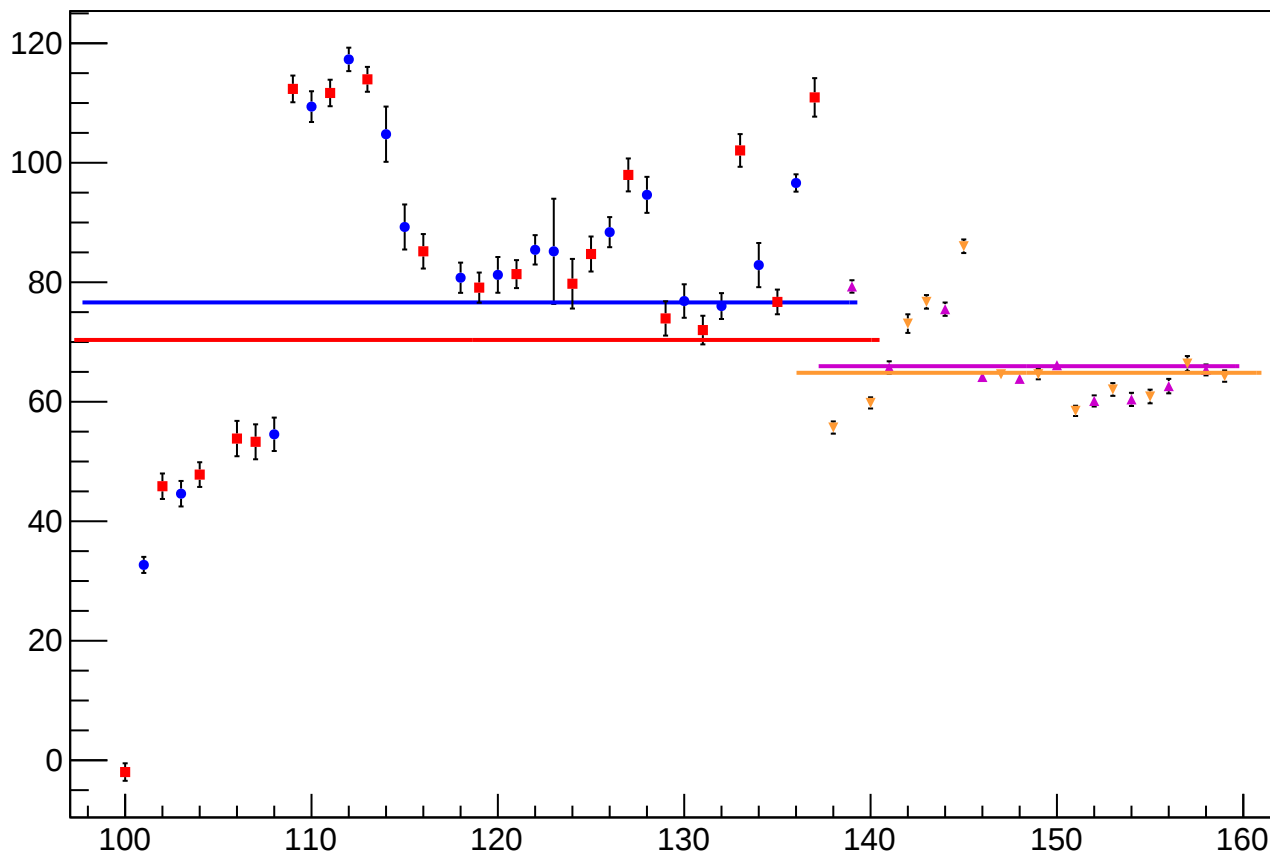
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.515 $\pm$ 0.173 χ^2 /NDF:448.0/26

Out: 2.503 $\pm$ 0.167 χ^2 /NDF:582.2/30

All: 2.509 $\pm$ 0.120 χ^2 /NDF: 1030.3/57

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: 64.849 $\pm$ 0.293 χ^2 /NDF: 667.7/11

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 65.955 $\pm$ 0.303 χ^2 /NDF: 321.0/9

Left: 65.384 $\pm$ 0.211 χ^2 /NDF: 995.6/21

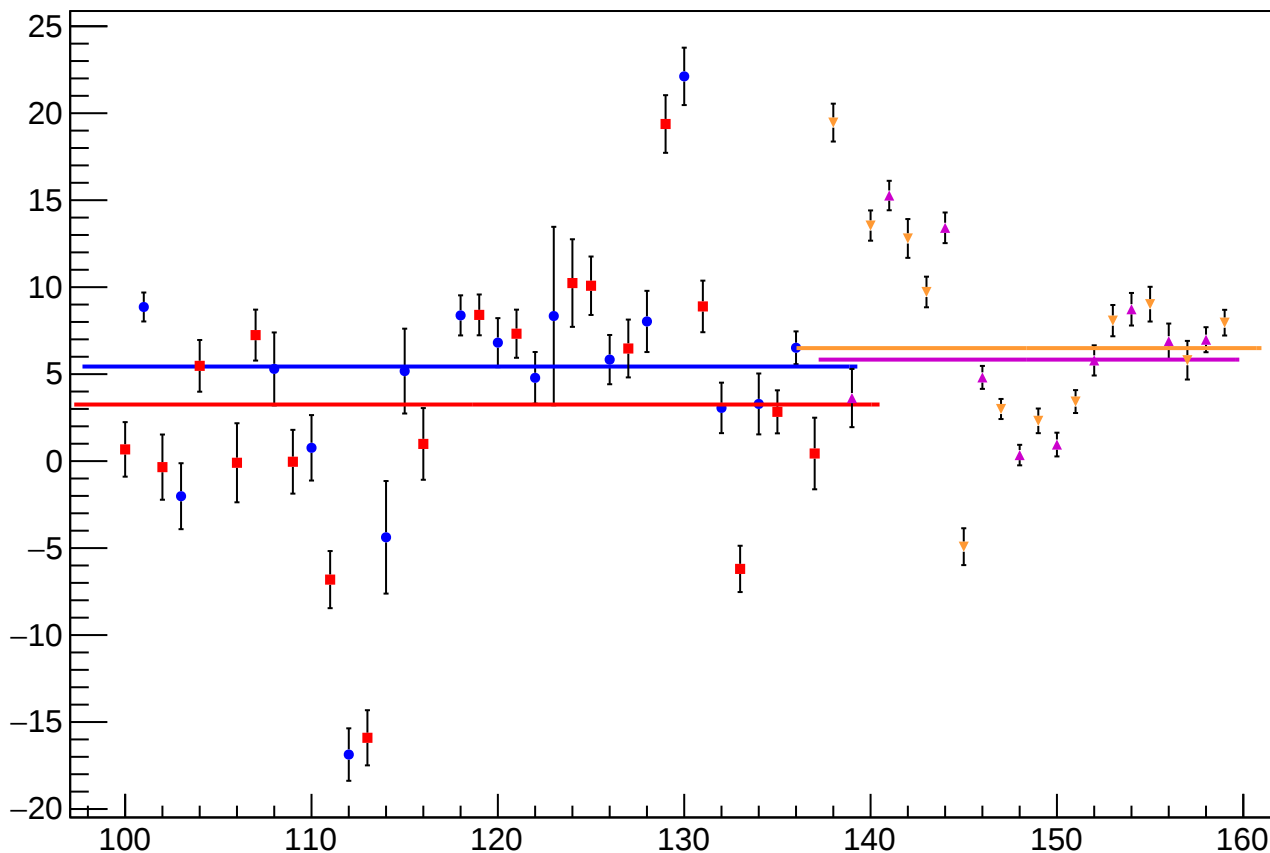
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.278 $\pm$ 0.268 χ^2 /NDF: 2853.7/26

Out: 66.069 $\pm$ 0.259 χ^2 /NDF: 5133.7/30

All: 67.135 $\pm$ 0.186 χ^2 /NDF: 8022.6/57

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: 6.496 ± 0.240 χ^2/NDF : 476.2/11

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 5.835 ± 0.252 χ^2/NDF : 353.4/9

Left: 6.182 ± 0.174 χ^2/NDF : 833.1/21

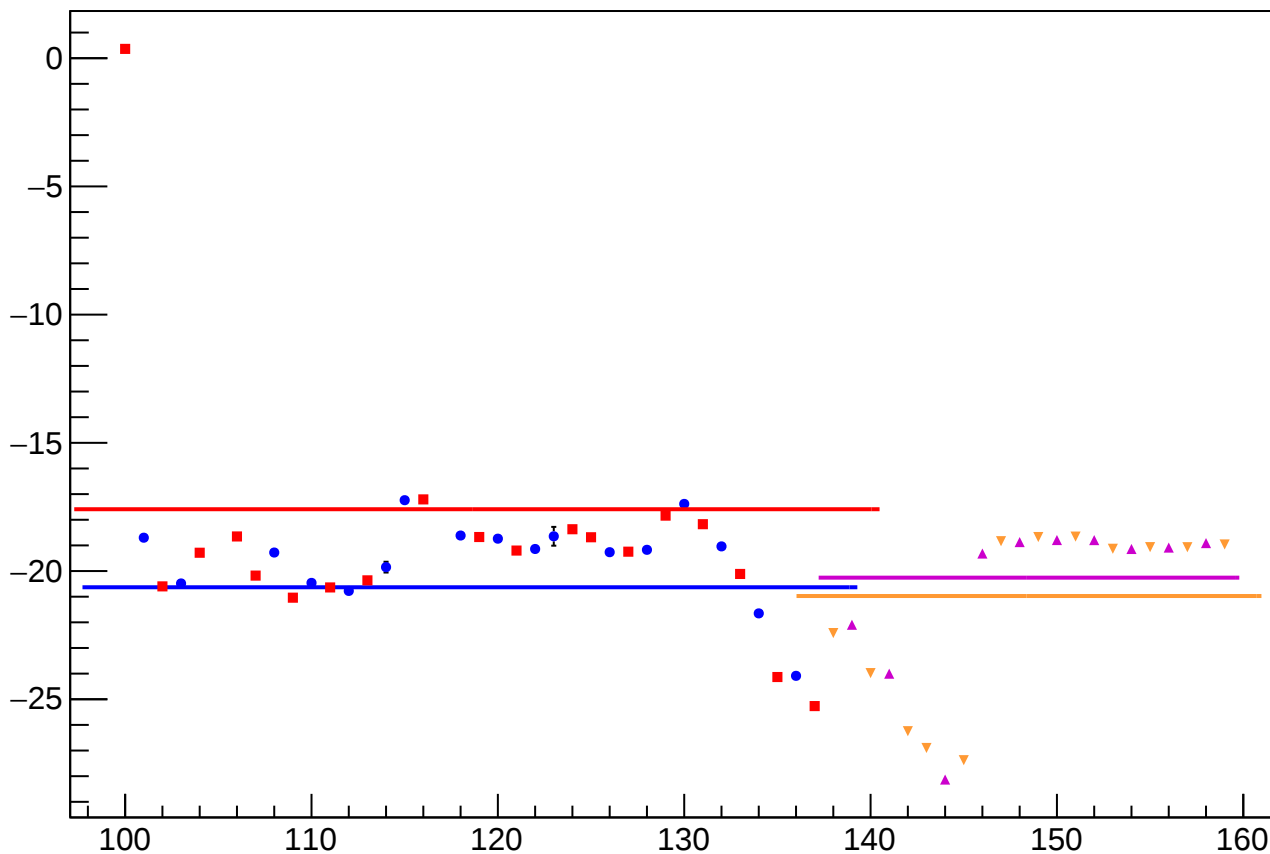
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 5.703 ± 0.206 χ^2/NDF : 738.7/26

Out: 5.517 ± 0.201 χ^2/NDF : 955.0/30

All: 5.607 ± 0.144 χ^2/NDF : 1694.1/57

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.974 ± 0.012 $\chi^2/\text{NDF}: 71618.0/11$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.258 ± 0.012 $\chi^2/\text{NDF}: 45181.2/9$

Left: -20.624 ± 0.008 $\chi^2/\text{NDF}: 118623.2/21$

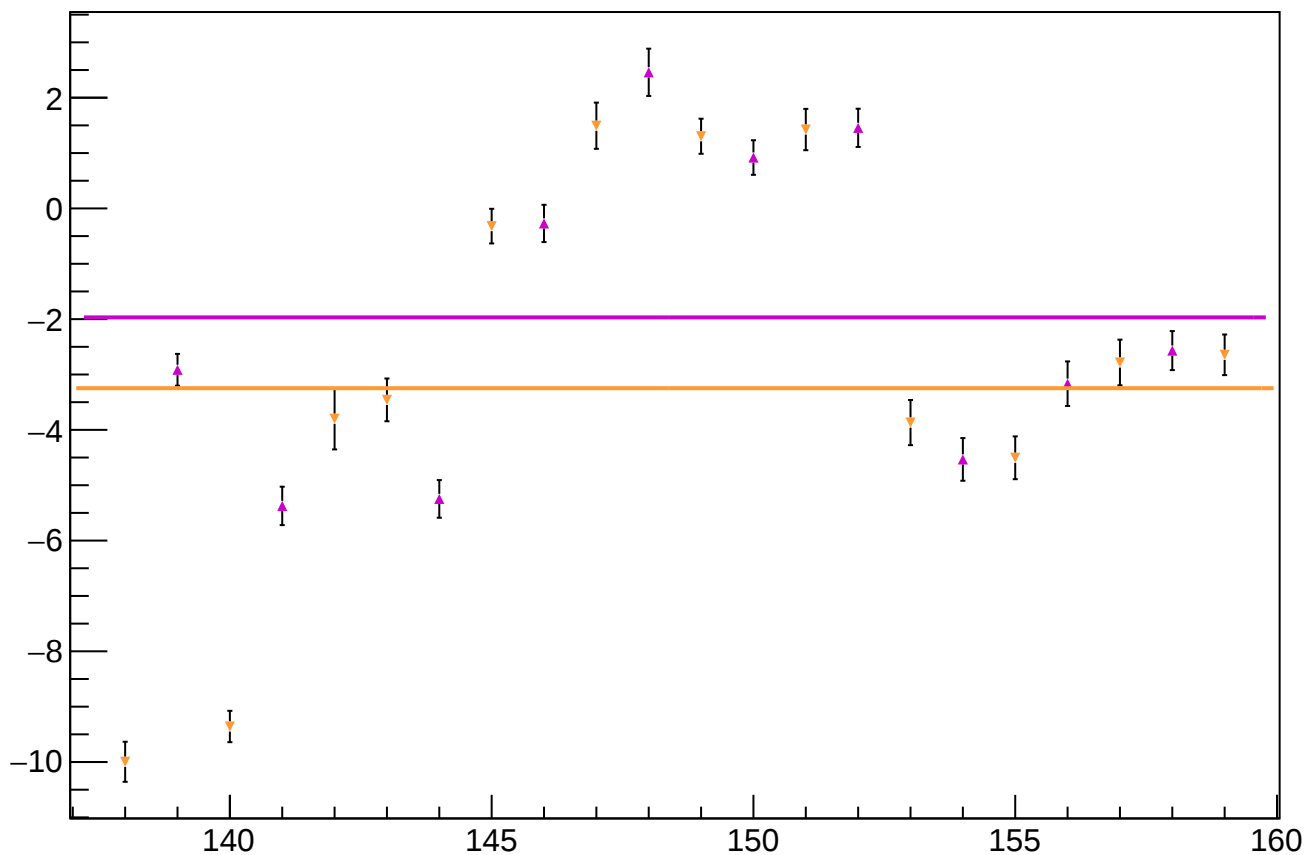
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.362 ± 0.010 $\chi^2/\text{NDF}: 57996.1/26$

Out: -19.967 ± 0.010 $\chi^2/\text{NDF}: 275093.3/30$

All: -20.157 ± 0.007 $\chi^2/\text{NDF}: 333869.4/57$

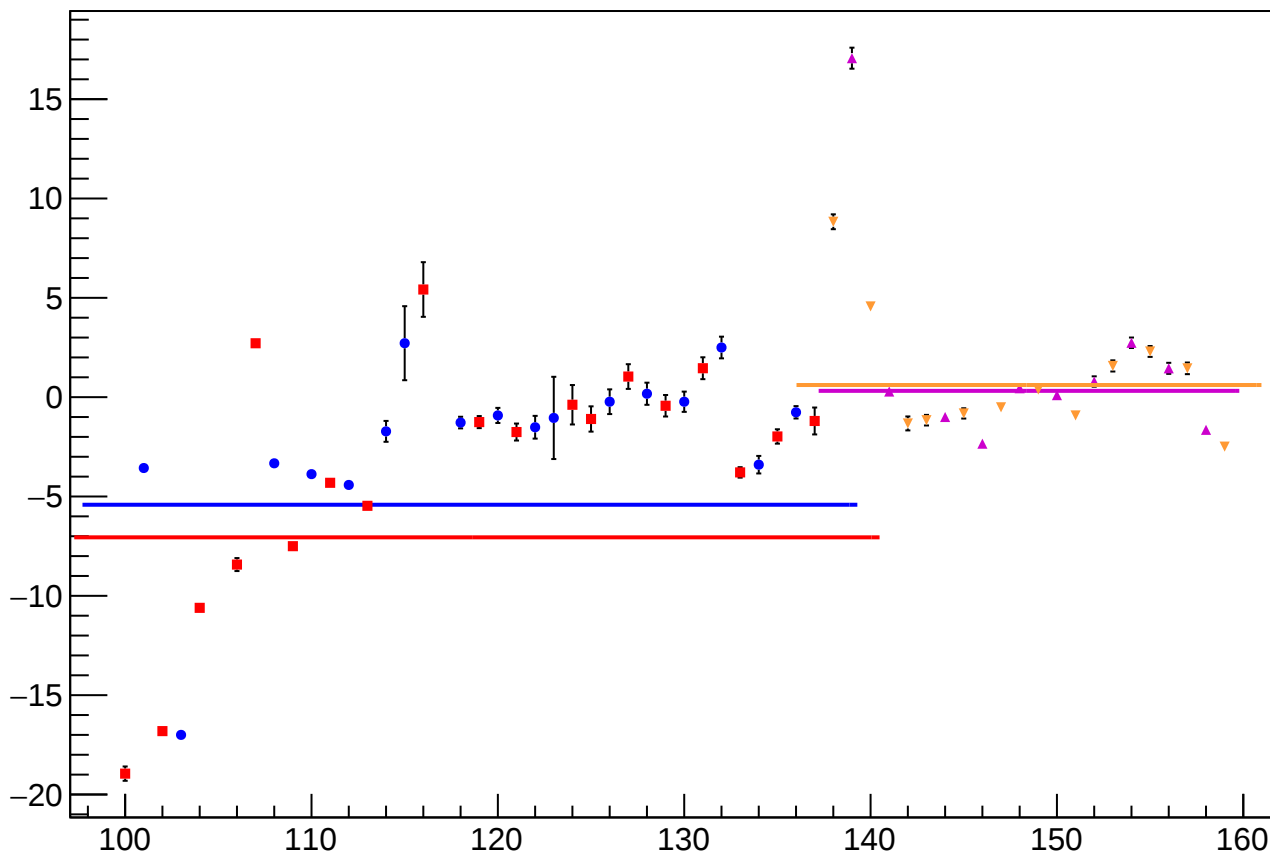
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



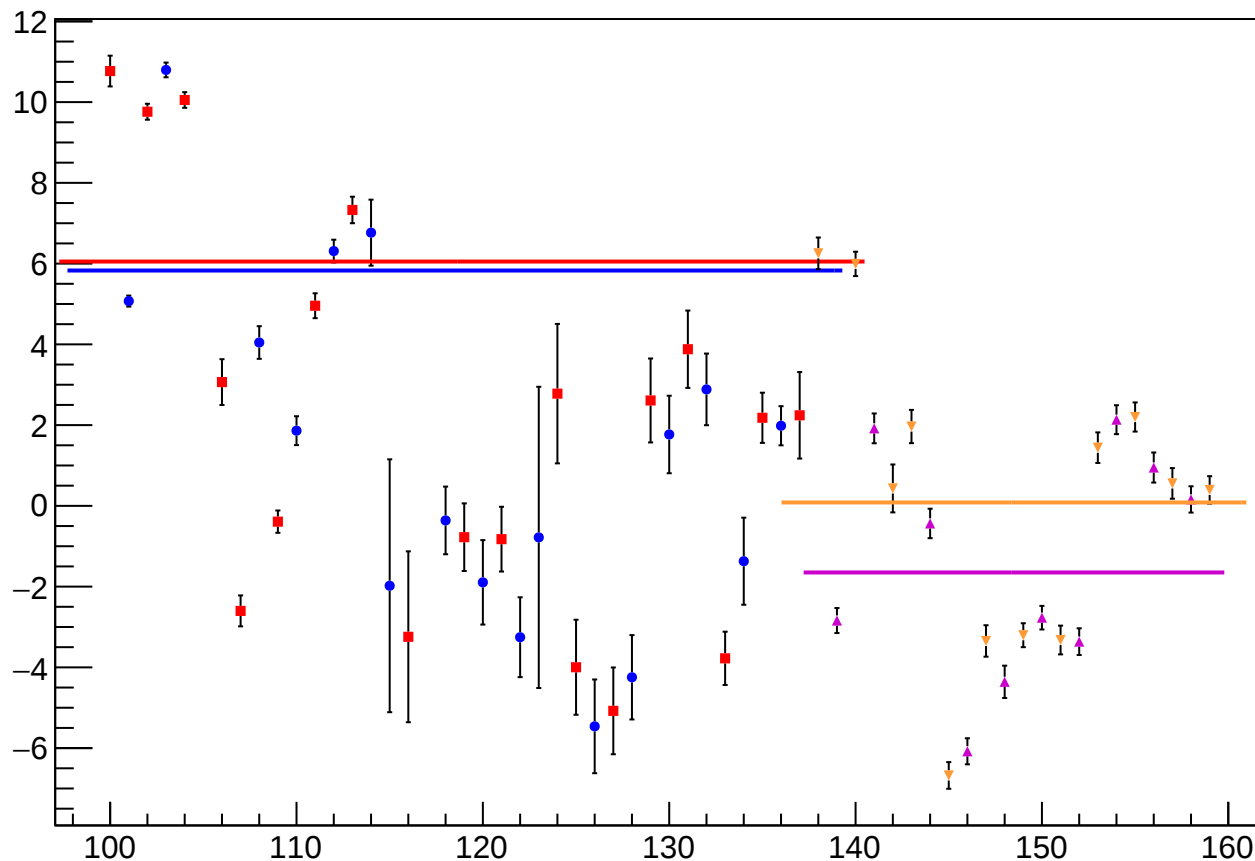
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.247 $\pm$ 0.106 χ^2 /NDF:1412.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.968 $\pm$ 0.110 χ^2 /NDF:572.9/9

Left: -2.631 $\pm$ 0.076 χ^2 /NDF: 2055.6/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -1.968 $\pm$ 0.110 χ^2 /NDF:572.9/9
 Out: -3.247 $\pm$ 0.106 χ^2 /NDF:1412.4/11
 All: -2.631 $\pm$ 0.076 χ^2 /NDF: 2055.6/21

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.084 ± 0.105 $\chi^2/\text{NDF}: 1412.8/11$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -1.650 ± 0.108 $\chi^2/\text{NDF}: 586.0/9$

Left: -0.758 ± 0.075 $\chi^2/\text{NDF}: 2132.4/21$

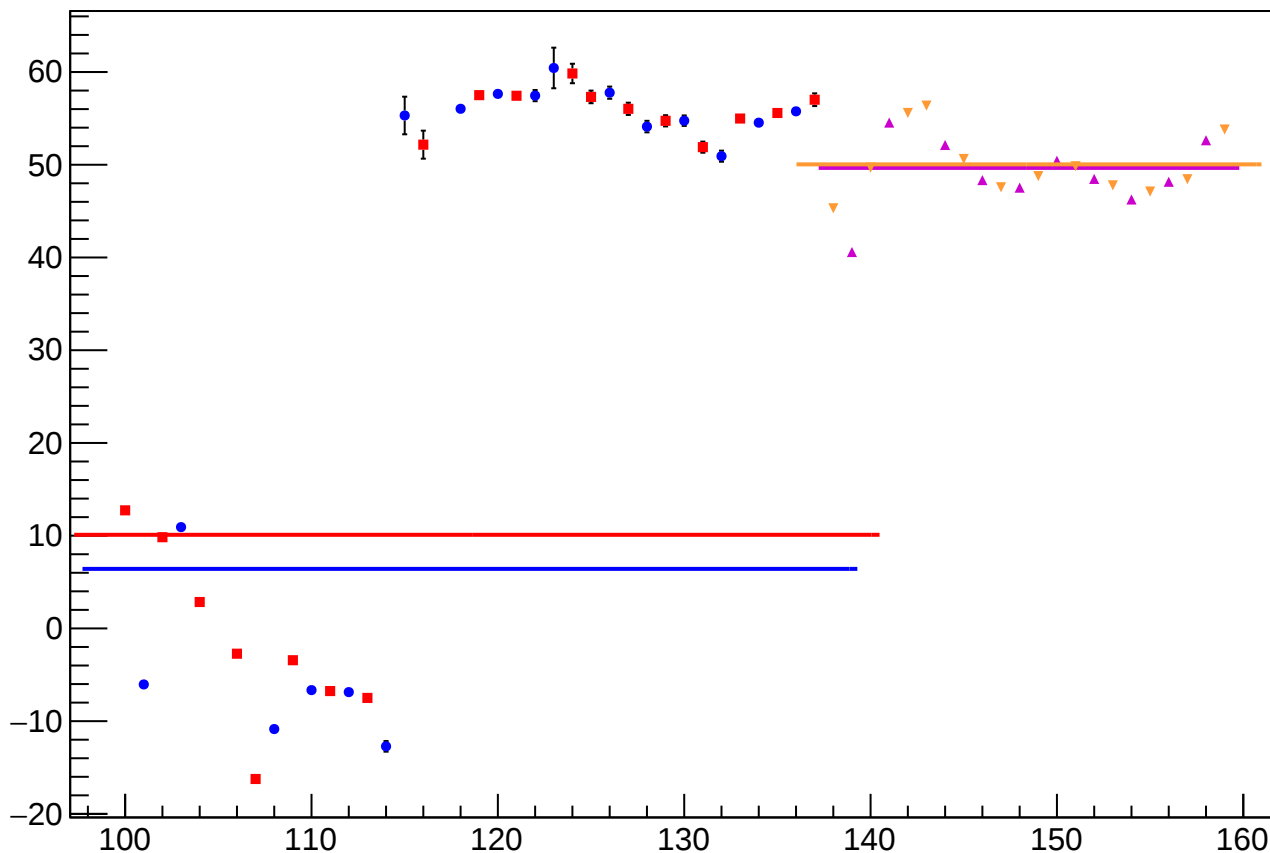
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.765 ± 0.069 $\chi^2/\text{NDF}: 4887.4/26$

Out: 3.406 ± 0.070 $\chi^2/\text{NDF}: 5900.2/30$

All: 3.082 ± 0.049 $\chi^2/\text{NDF}: 10830.5/57$

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: 50.042 ± 0.088 χ^2/NDF : 1161.7/11

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.660 ± 0.093 χ^2/NDF : 1043.3/9

Left: 49.861 ± 0.064 χ^2/NDF : 2214.0/21

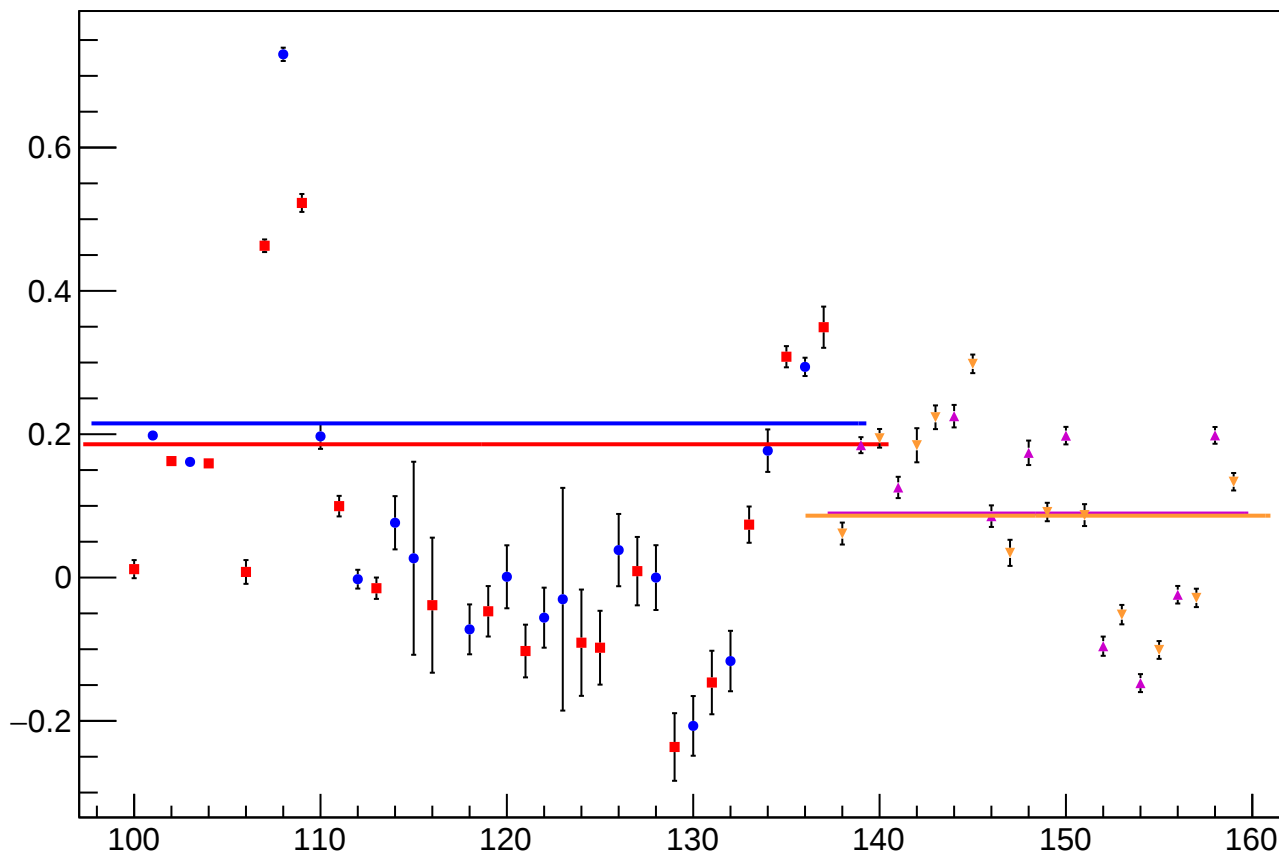
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 20.594 ± 0.053 χ^2/NDF : 270403.9/26

Out: 25.548 ± 0.055 χ^2/NDF : 250301.4/30

All: 23.001 ± 0.038 χ^2/NDF : 524939.7/57

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: 0.086 $\pm$ 0.004 χ^2 /NDF:859.3/11

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.089 $\pm$ 0.004 χ^2 /NDF:976.6/9

Left: 0.088 $\pm$ 0.003 χ^2 /NDF: 1836.1/21

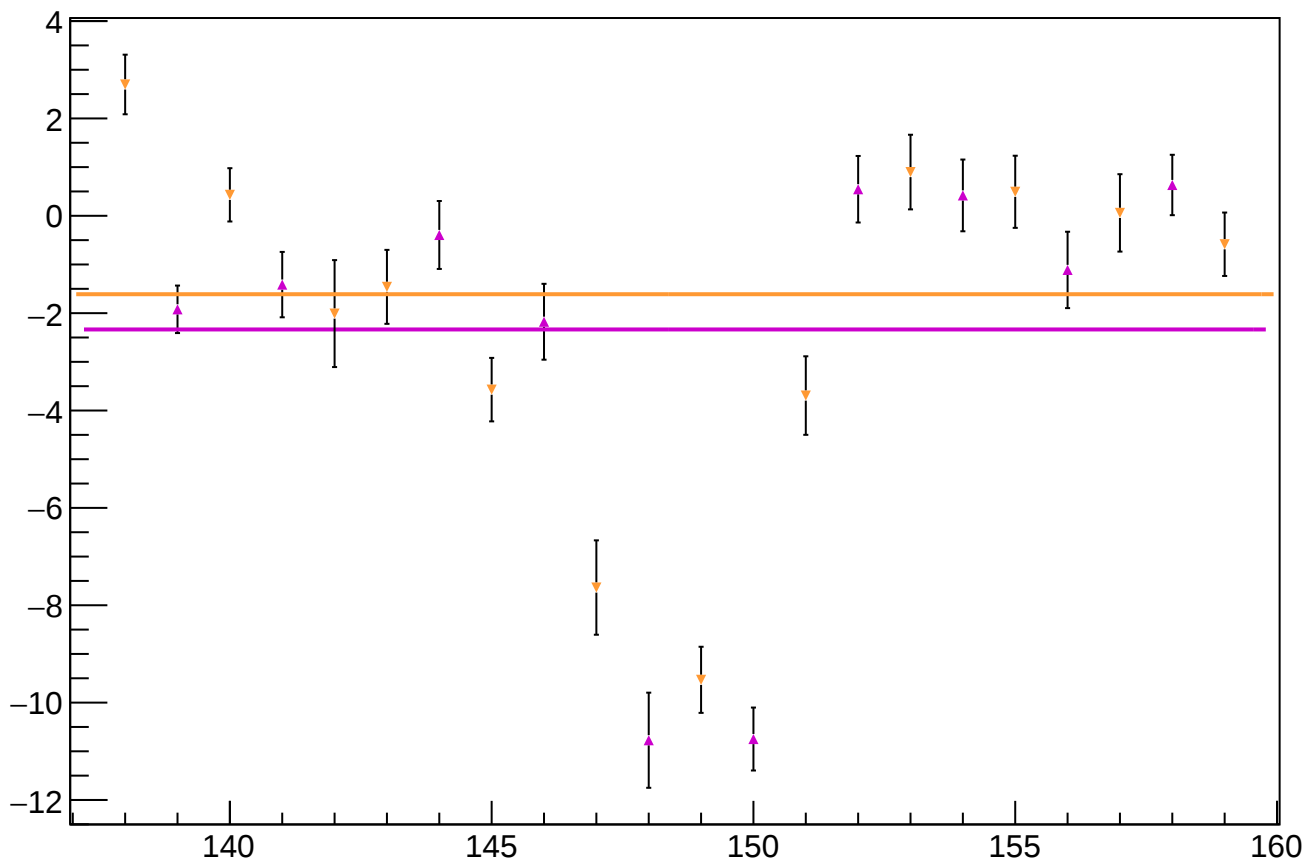
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.177 $\pm$ 0.002 χ^2 /NDF:5531.9/26

Out: 0.156 $\pm$ 0.002 χ^2 /NDF:3992.4/30

All: 0.166 $\pm$ 0.002 χ^2 /NDF: 9566.1/57

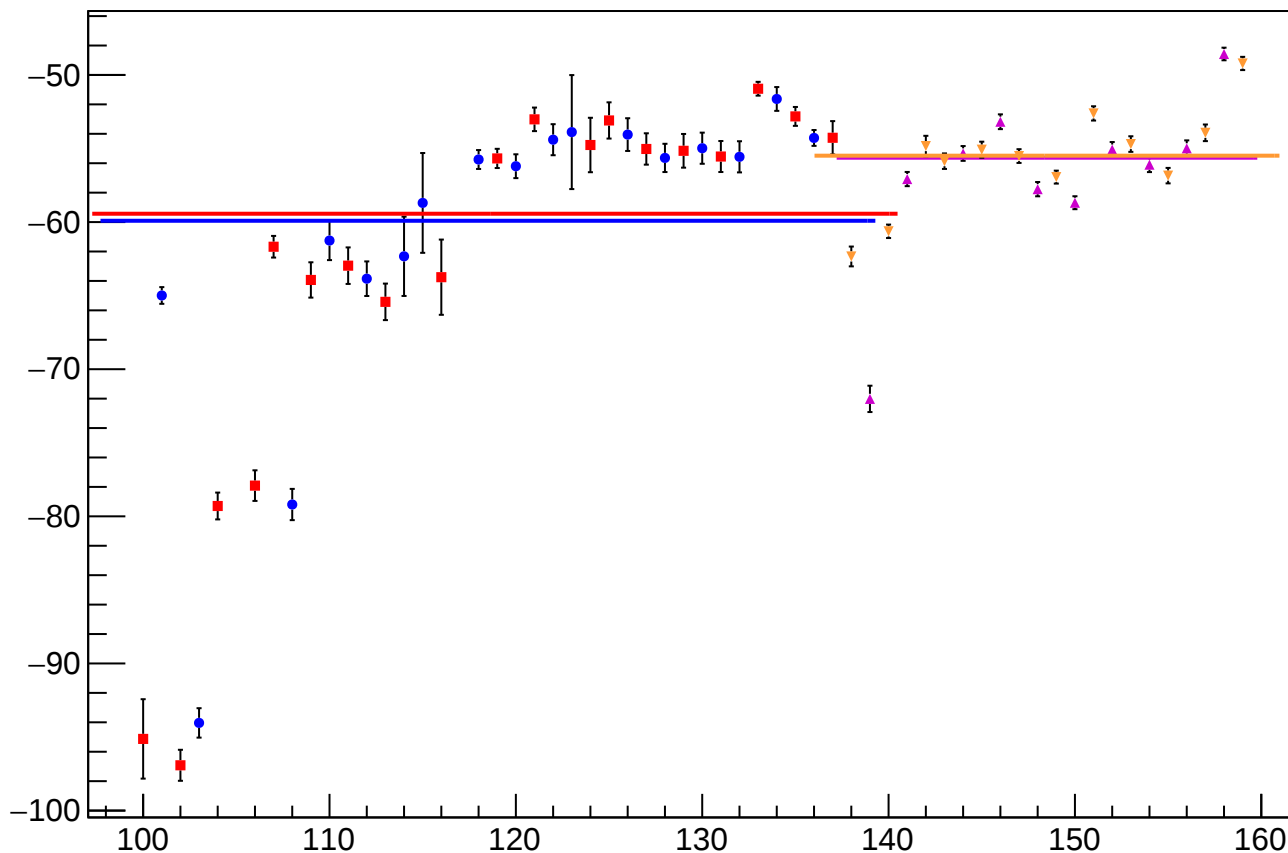
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.611 ± 0.208 $\chi^2/\text{NDF}: 279.7/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.335 ± 0.214 $\chi^2/\text{NDF}: 311.4/9$

Left: -1.962 ± 0.149 $\chi^2/\text{NDF}: 596.9/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -2.335 ± 0.214 $\chi^2/\text{NDF}: 311.4/9$
 Out: -1.611 ± 0.208 $\chi^2/\text{NDF}: 279.7/11$
 All: -1.962 ± 0.149 $\chi^2/\text{NDF}: 596.9/21$

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 $\chi^2/\text{NDF}: 1980.8/16$

Left Out: -55.487 ± 0.149 $\chi^2/\text{NDF}: 488.3/11$

Right Out: -59.432 ± 0.212 $\chi^2/\text{NDF}: 2918.9/18$

Left In: -55.625 ± 0.159 $\chi^2/\text{NDF}: 709.7/9$

Left: -55.551 ± 0.109 $\chi^2/\text{NDF}: 1198.4/21$

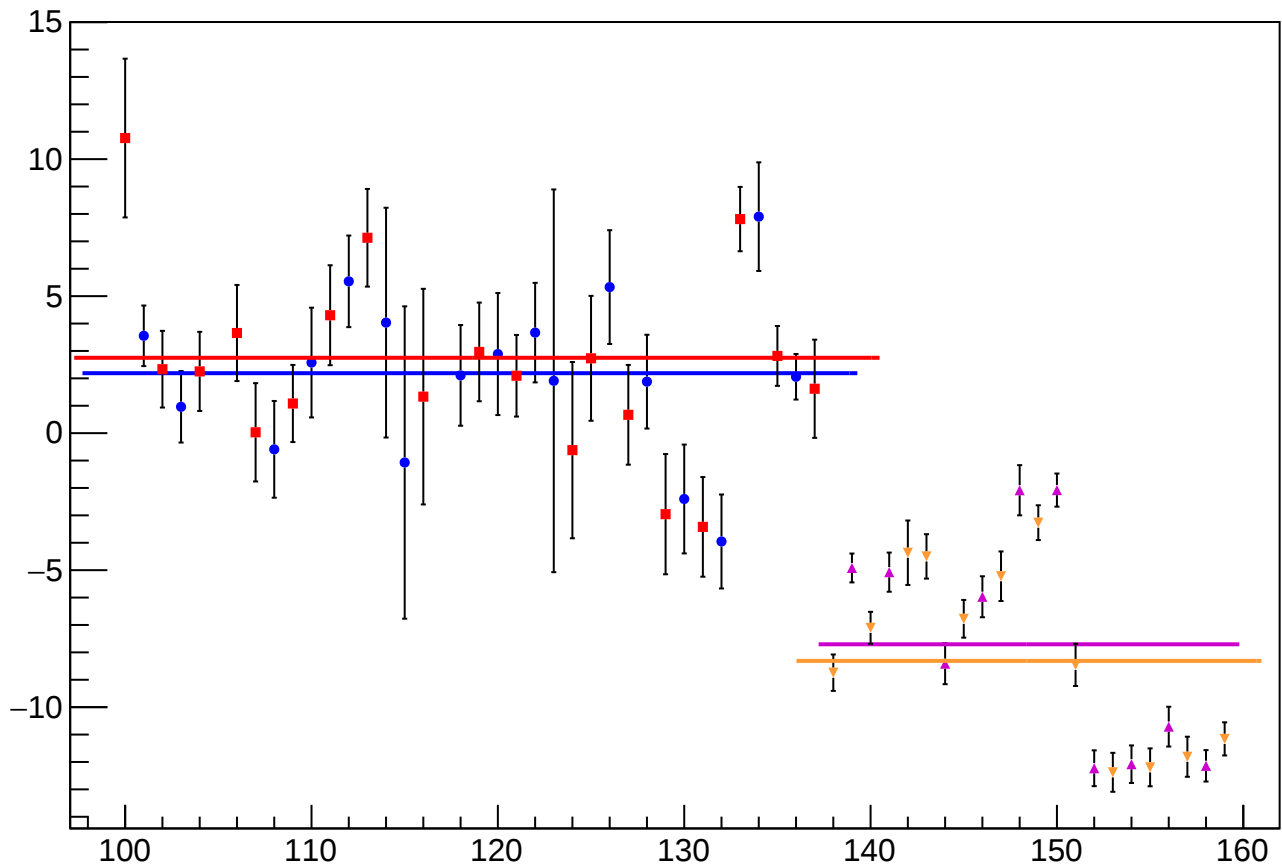
Right: -59.659 ± 0.154 $\chi^2/\text{NDF}: 4902.1/35$

In: -57.072 ± 0.130 $\chi^2/\text{NDF}: 2934.7/26$

Out: -56.790 ± 0.122 $\chi^2/\text{NDF}: 3639.9/30$

All: -56.922 ± 0.089 $\chi^2/\text{NDF}: 6577.1/57$

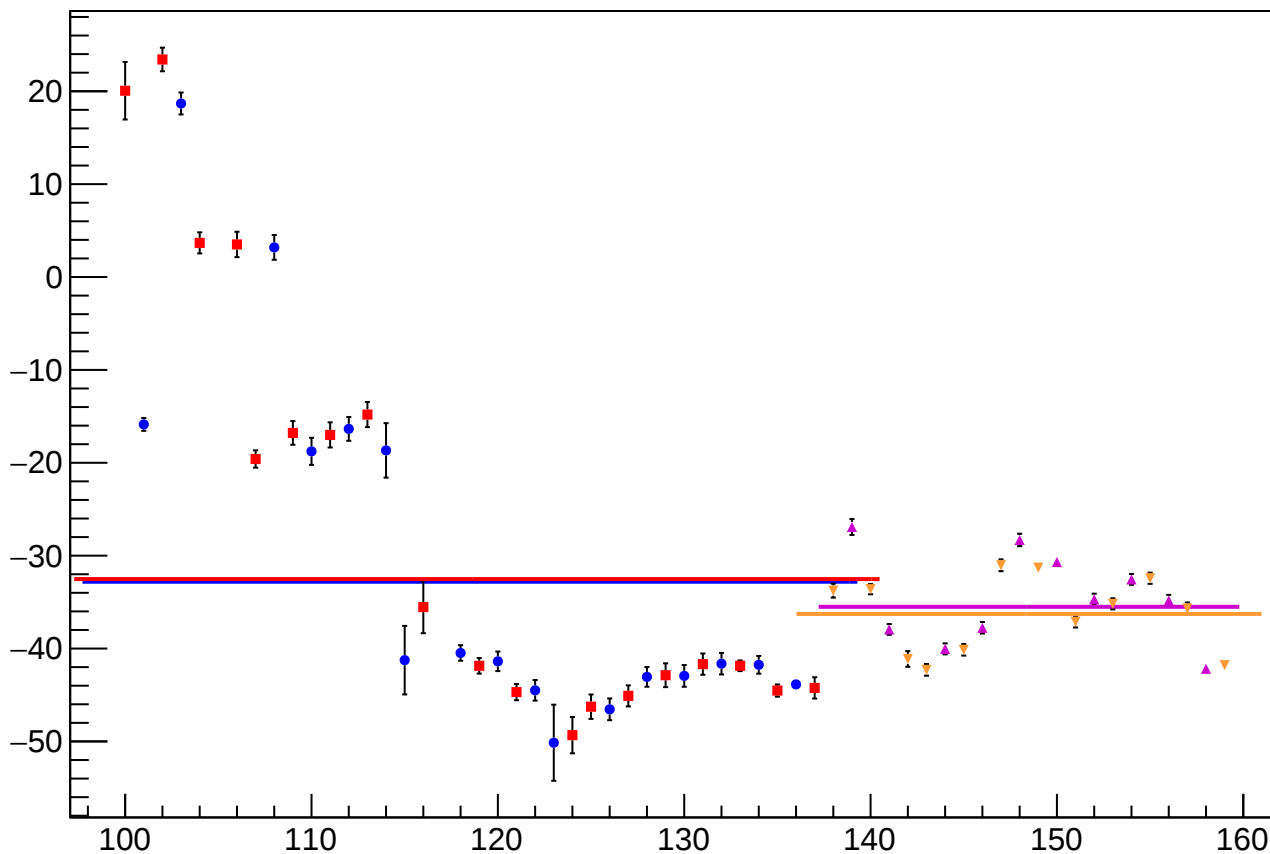
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -8.311 ± 0.206 $\chi^2/\text{NDF}: 227.2/11$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -7.705 ± 0.211 $\chi^2/\text{NDF}: 337.9/9$

Left: -8.016 ± 0.147 $\chi^2/\text{NDF}: 569.3/21$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -5.591 ± 0.187 $\chi^2/\text{NDF}: 847.2/26$
 Out: -5.877 ± 0.182 $\chi^2/\text{NDF}: 921.8/30$
 All: -5.738 ± 0.130 $\chi^2/\text{NDF}: 1770.3/57$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -36.274 ± 0.175 $\chi^2/\text{NDF}: 536.7/11$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -35.505 ± 0.185 $\chi^2/\text{NDF}: 640.4/9$

Left: -35.912 ± 0.127 $\chi^2/\text{NDF}: 1186.3/21$

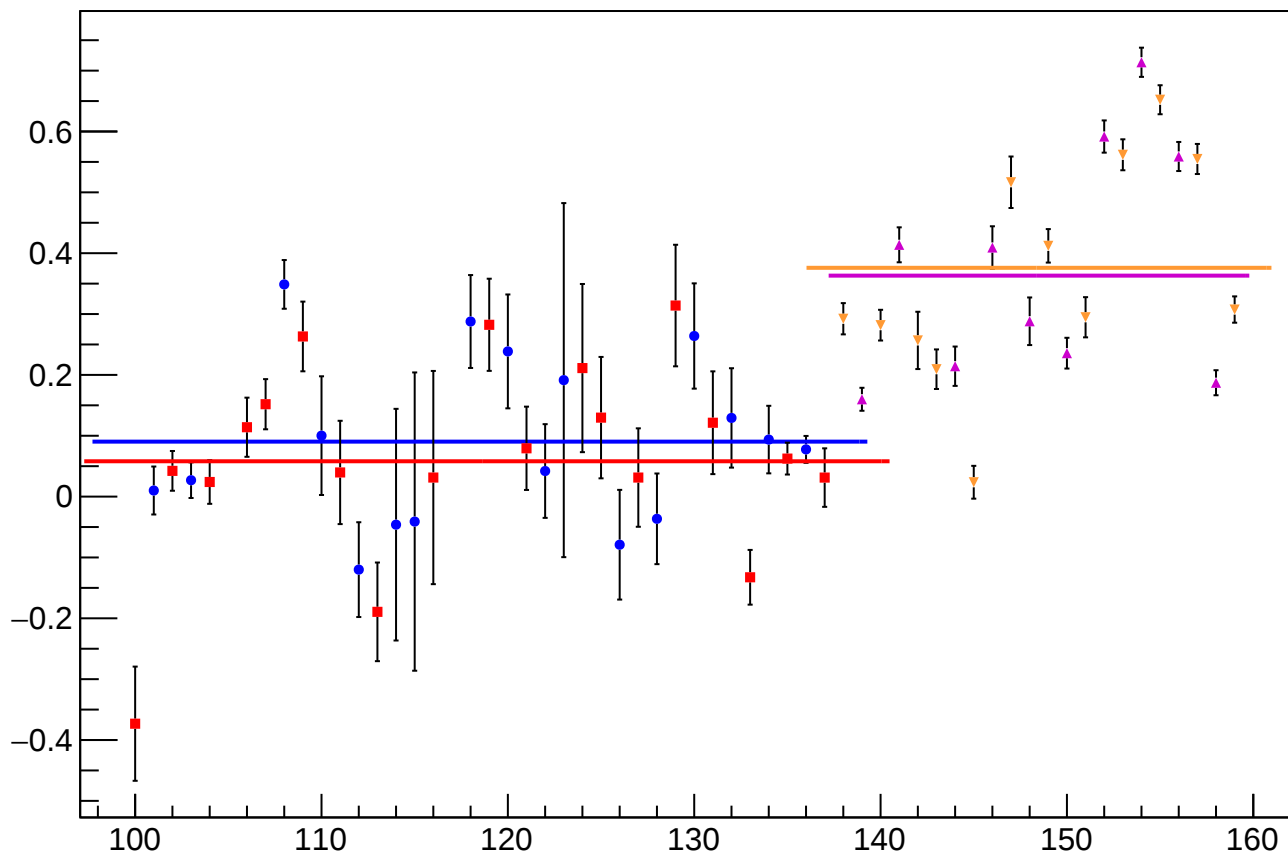
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -34.567 ± 0.150 $\chi^2/\text{NDF}: 5376.7/26$

Out: -34.997 ± 0.142 $\chi^2/\text{NDF}: 6733.4/30$

All: -34.794 ± 0.103 $\chi^2/\text{NDF}: 12114.4/57$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.376 ± 0.008 $\chi^2/\text{NDF}: 496.8/11$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.363 ± 0.008 $\chi^2/\text{NDF}: 599.5/9$

Left: 0.370 ± 0.006 $\chi^2/\text{NDF}: 1097.6/21$

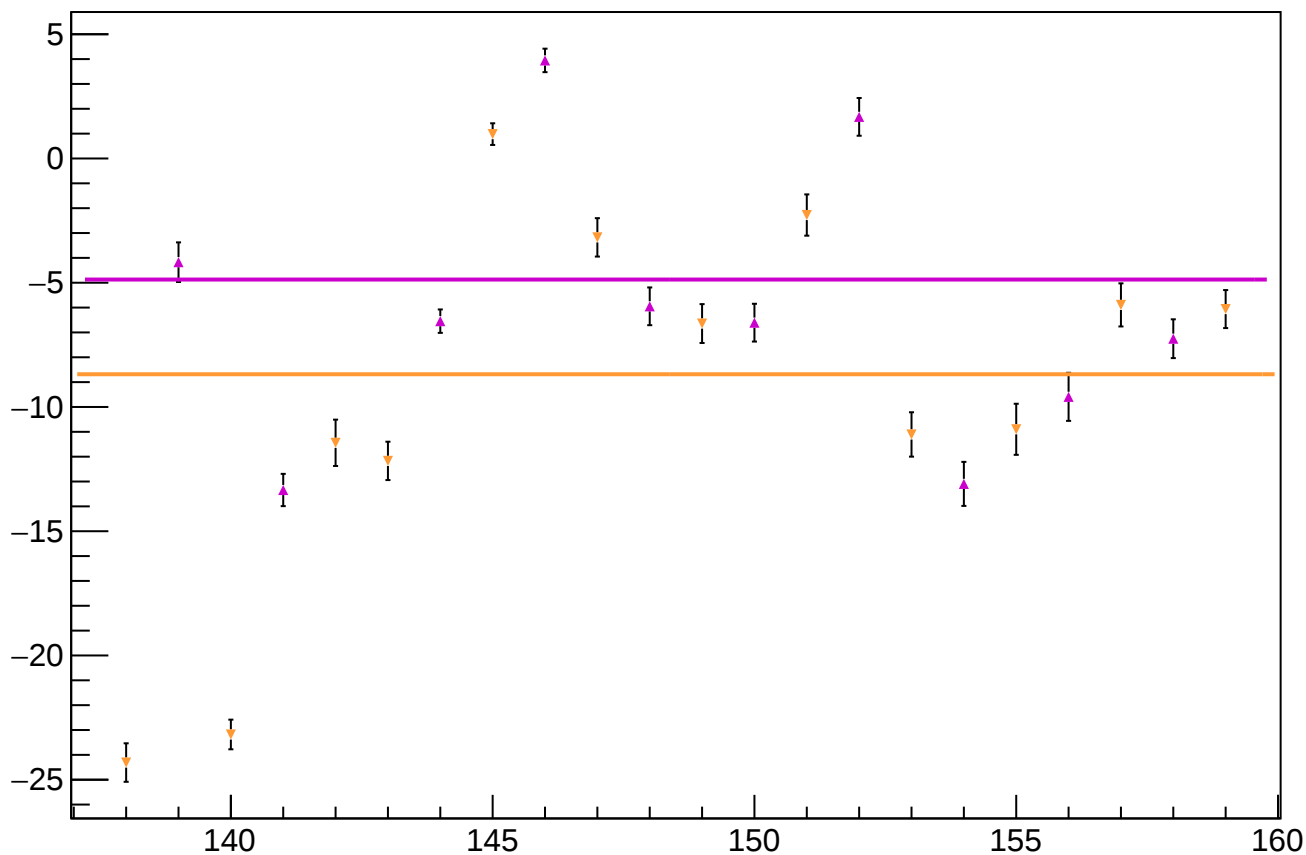
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.285 ± 0.007 $\chi^2/\text{NDF}: 1006.2/26$

Out: 0.280 ± 0.007 $\chi^2/\text{NDF}: 1063.1/30$

All: 0.282 ± 0.005 $\chi^2/\text{NDF}: 2069.5/57$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.683+/-0.211 χ^2/NDF :1668.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.872+/-0.213 χ^2/NDF :732.5/9

Left: -6.797+/-0.150 χ^2/NDF : 2563.4/21

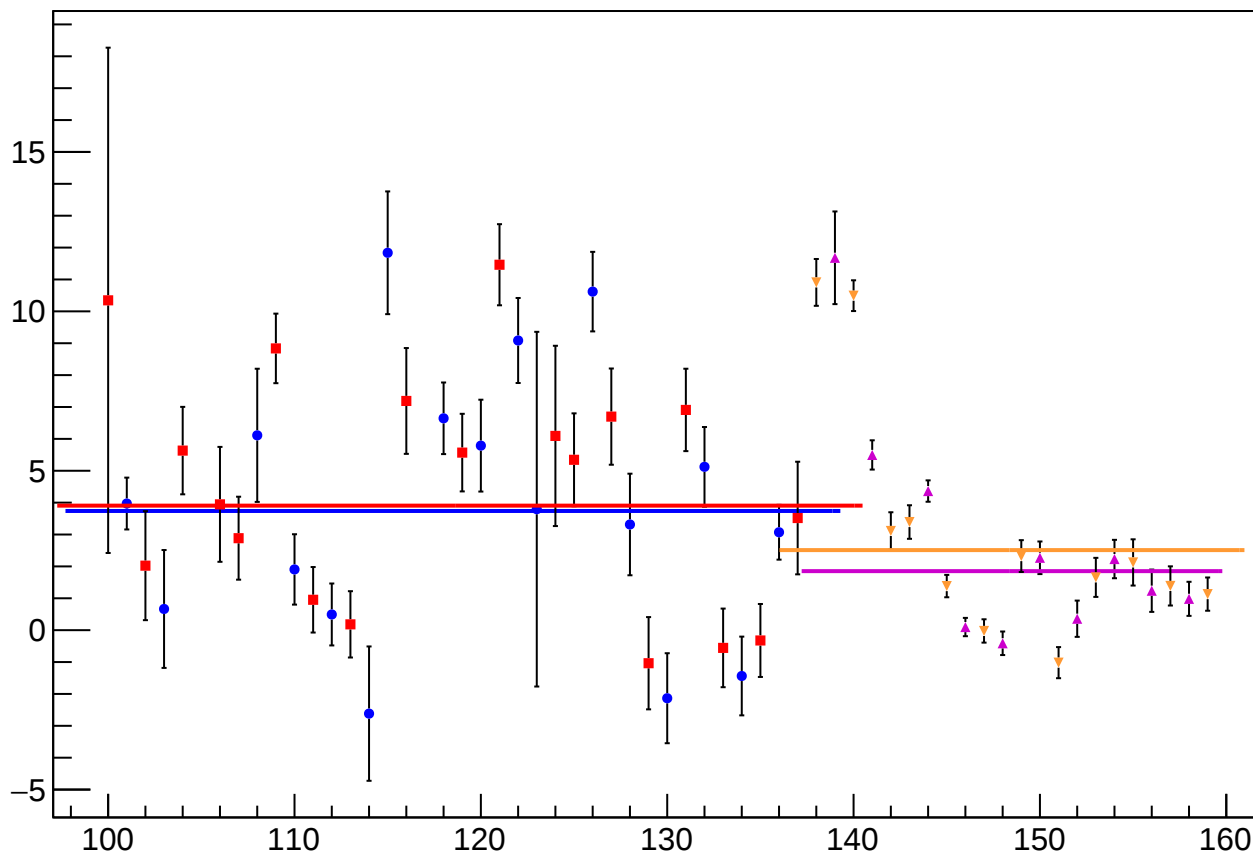
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.872+/-0.213 χ^2/NDF :732.5/9

Out: -8.683+/-0.211 χ^2/NDF :1668.7/11

All: -6.797+/-0.150 χ^2/NDF : 2563.4/21

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.511 $\pm$ 0.145 χ^2 /NDF:531.6/11

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 1.852 $\pm$ 0.143 χ^2 /NDF:251.3/9

Left: 2.176 $\pm$ 0.102 χ^2 /NDF: 793.3/21

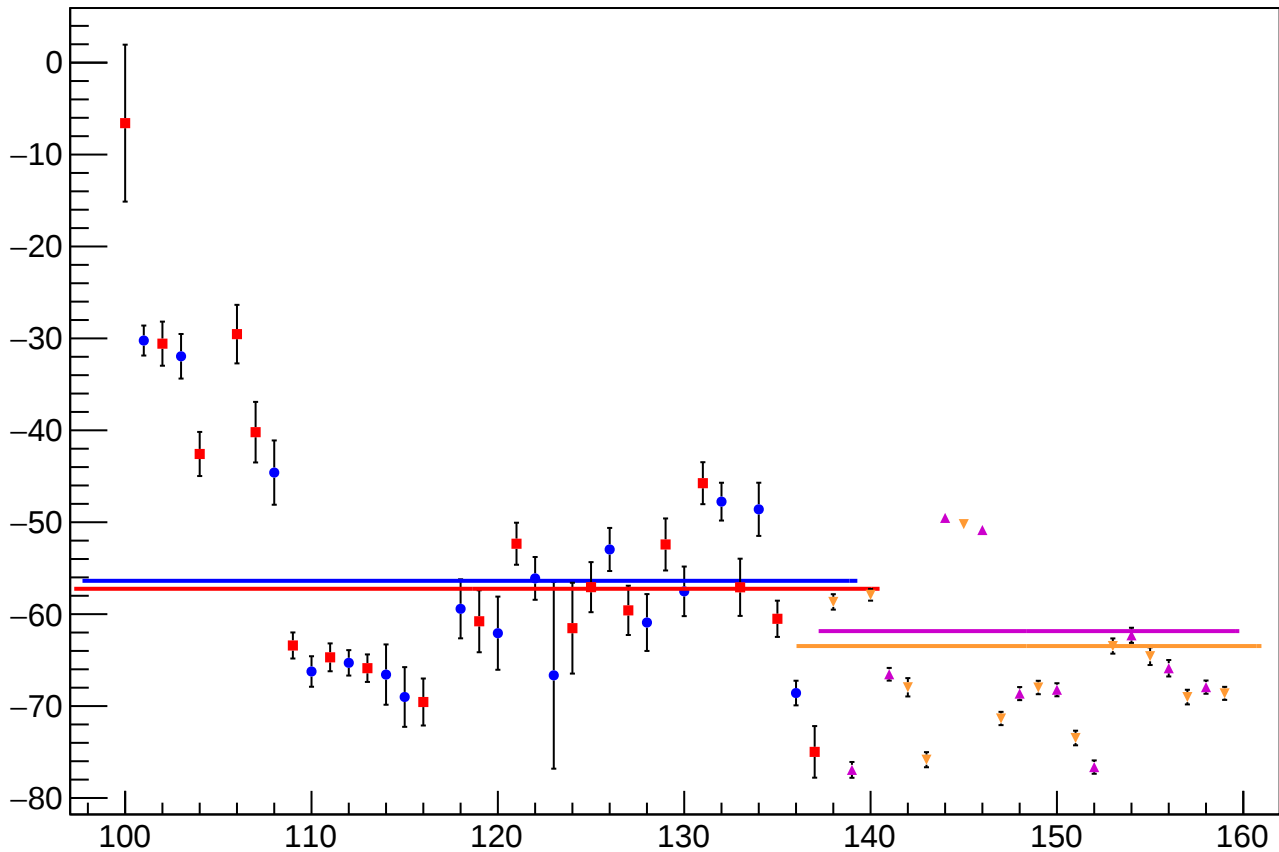
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.184 $\pm$ 0.130 χ^2 /NDF:418.9/26

Out: 2.755 $\pm$ 0.132 χ^2 /NDF:683.2/30

All: 2.464 $\pm$ 0.092 χ^2 /NDF: 1111.6/57

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: -63.470 ± 0.211 $\chi^2/\text{NDF}: 1591.1/11$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -61.844 ± 0.210 $\chi^2/\text{NDF}: 2214.4/9$

Left: -62.653 ± 0.149 $\chi^2/\text{NDF}: 3835.4/21$

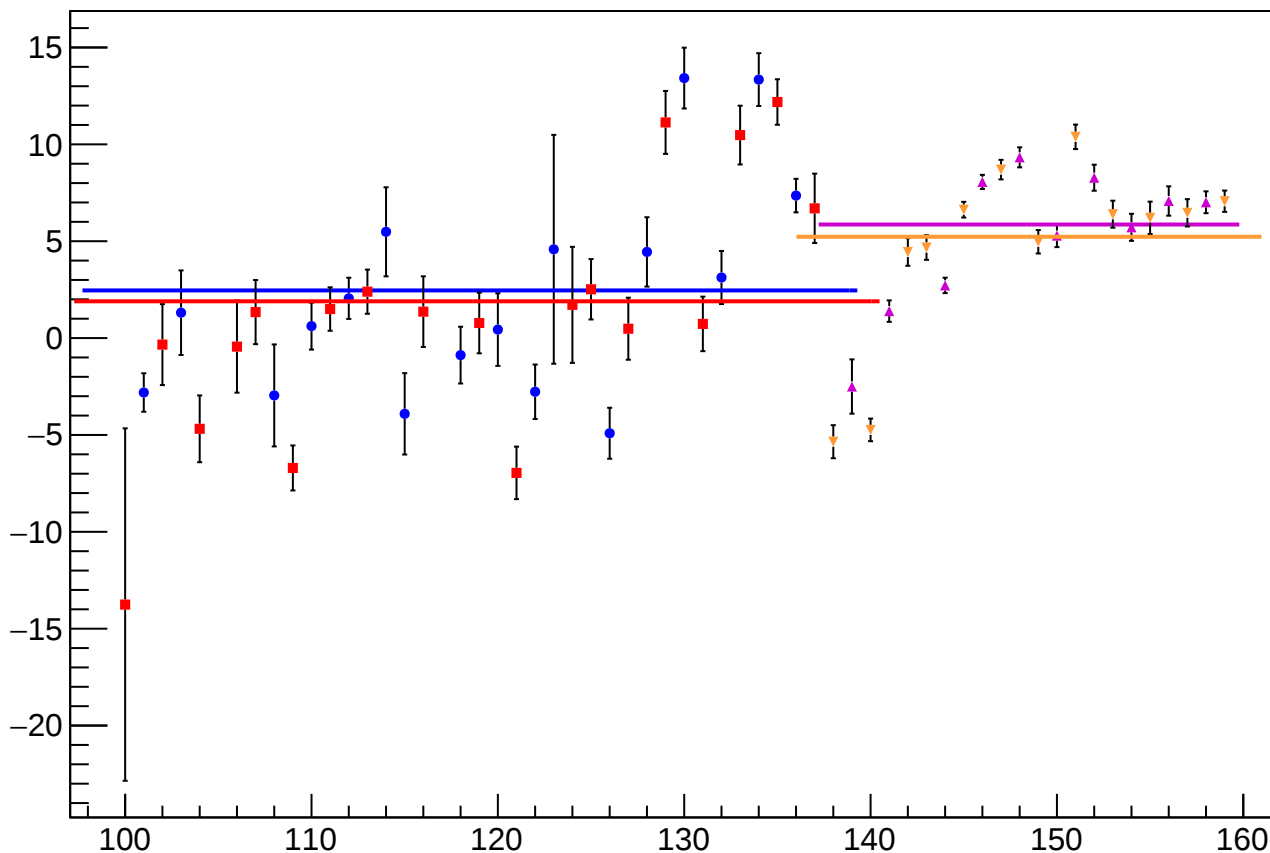
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -61.134 ± 0.196 $\chi^2/\text{NDF}: 2890.4/26$

Out: -62.635 ± 0.196 $\chi^2/\text{NDF}: 2184.5/30$

All: -61.883 ± 0.139 $\chi^2/\text{NDF}: 5104.2/57$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 5.230 $\pm$ 0.175 χ^2 /NDF: 591.4/11

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 5.863 $\pm$ 0.173 χ^2 /NDF: 265.0/9

Left: 5.549 $\pm$ 0.123 χ^2 /NDF: 863.0/21

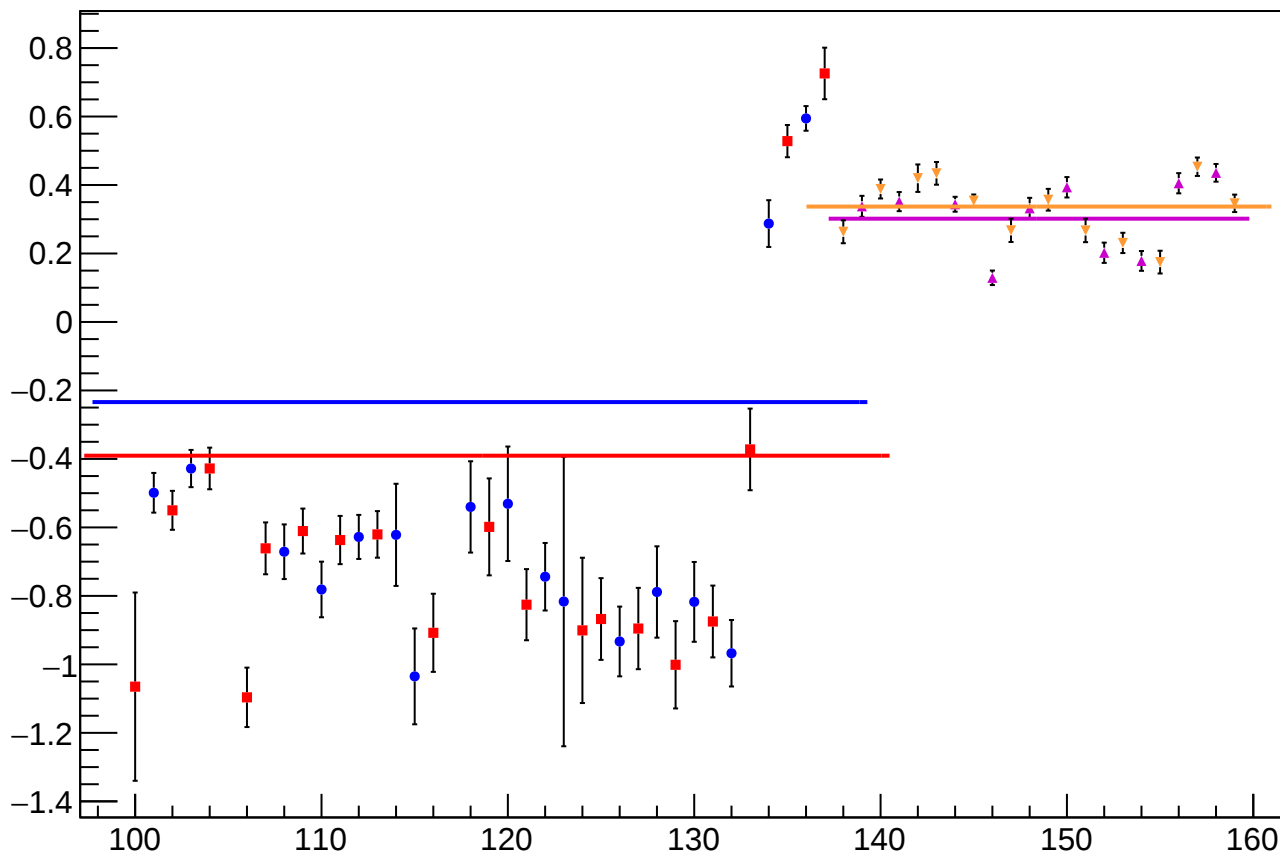
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 5.182 $\pm$ 0.155 χ^2 /NDF: 586.3/26

Out: 4.581 $\pm$ 0.157 χ^2 /NDF: 930.4/30

All: 4.884 $\pm$ 0.110 χ^2 /NDF: 1524.2/57

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: 0.337 ± 0.008 χ^2/NDF : 86.3/11

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.302 ± 0.008 χ^2/NDF : 153.9/9

Left: 0.320 ± 0.006 χ^2/NDF : 249.0/21

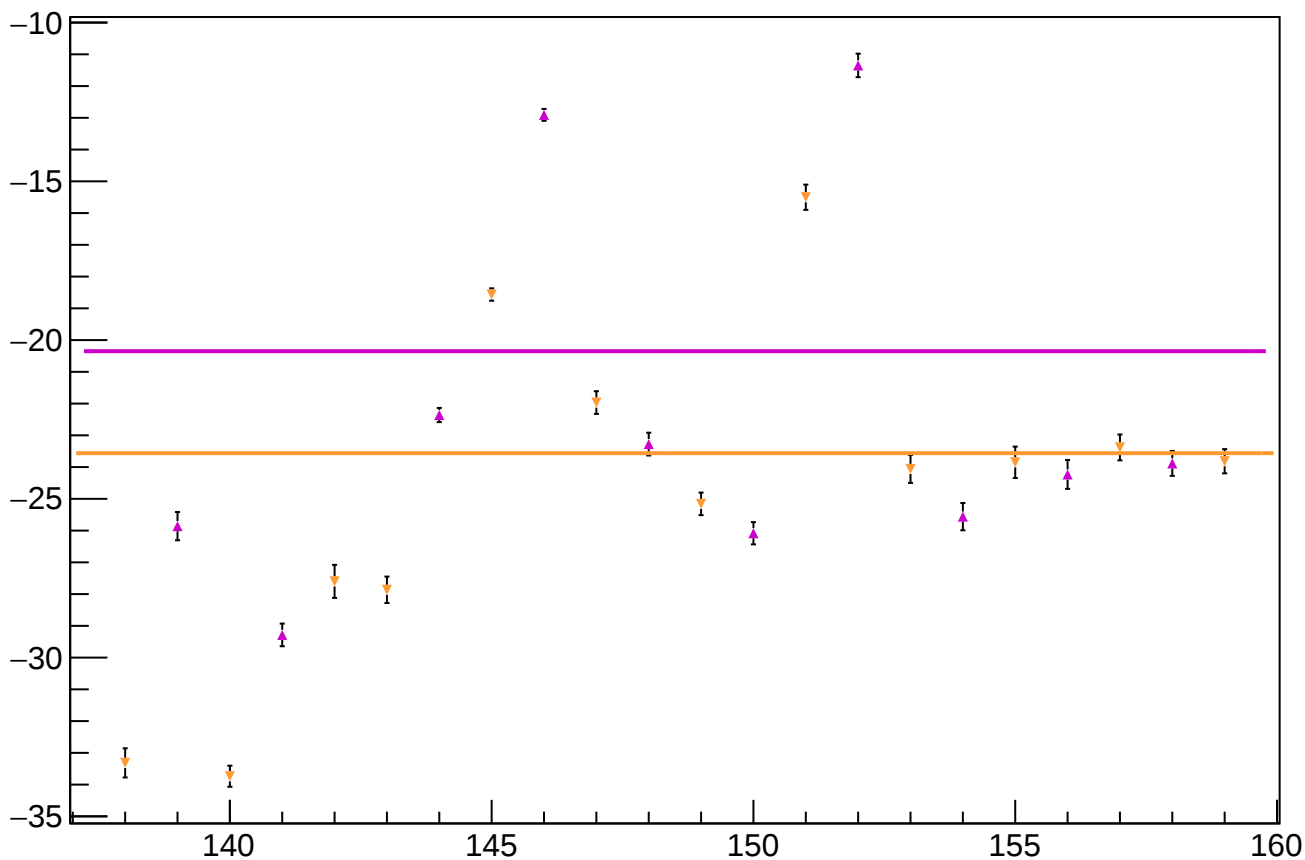
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.212 ± 0.008 χ^2/NDF : 1780.7/26

Out: 0.219 ± 0.008 χ^2/NDF : 2173.5/30

All: 0.216 ± 0.005 χ^2/NDF : 3954.7/57

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

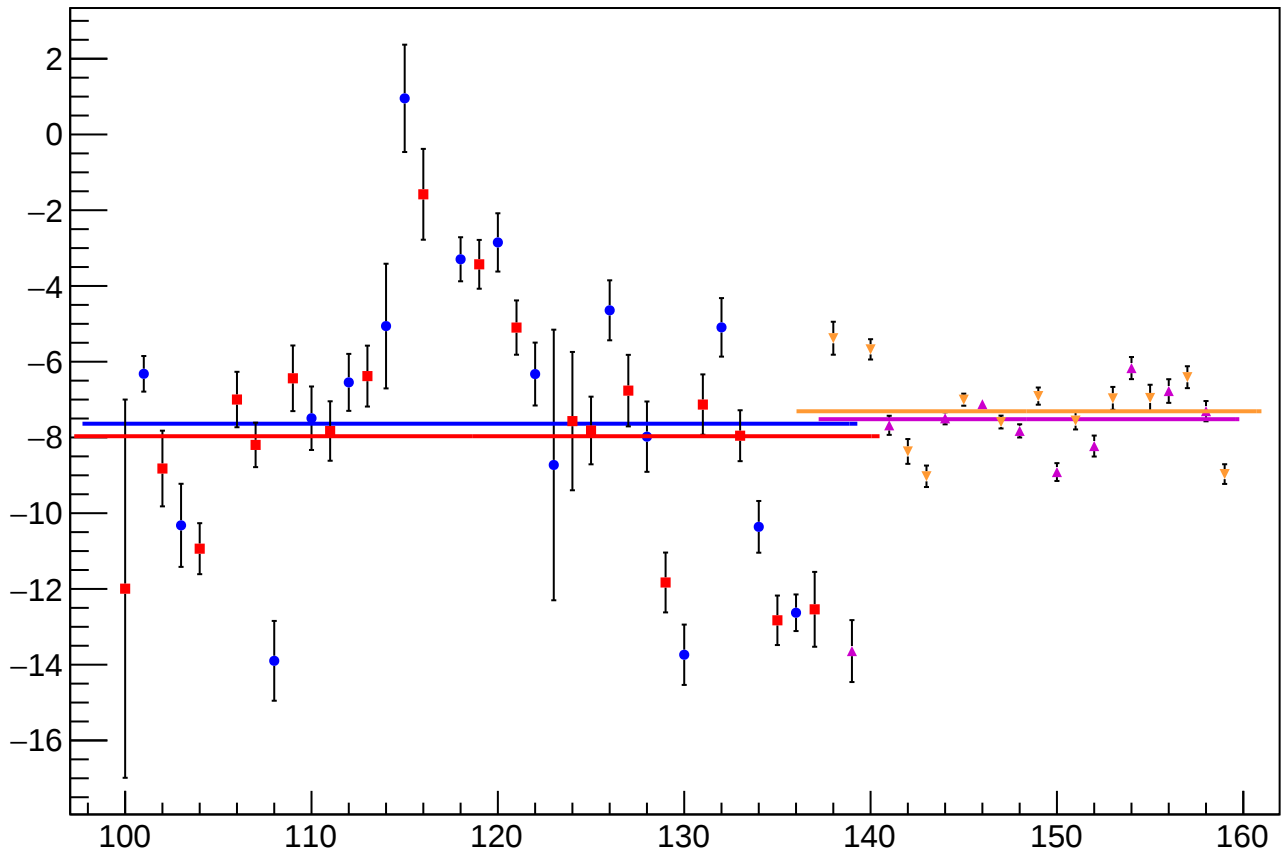


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.562+/-0.103 χ^2/NDF :2667.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.350+/-0.099 χ^2/NDF :3666.0/9

Left: -21.893+/-0.072 χ^2/NDF : 6836.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -20.350+/-0.099 χ^2/NDF :3666.0/9
 Out: -23.562+/-0.103 χ^2/NDF :2667.4/11

All: -21.893+/-0.072 χ^2/NDF : 6836.1/21

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: -7.309 ± 0.071 χ^2/NDF : 167.3/11

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.518 ± 0.066 χ^2/NDF : 140.4/9

Left: -7.421 ± 0.048 χ^2/NDF : 312.4/21

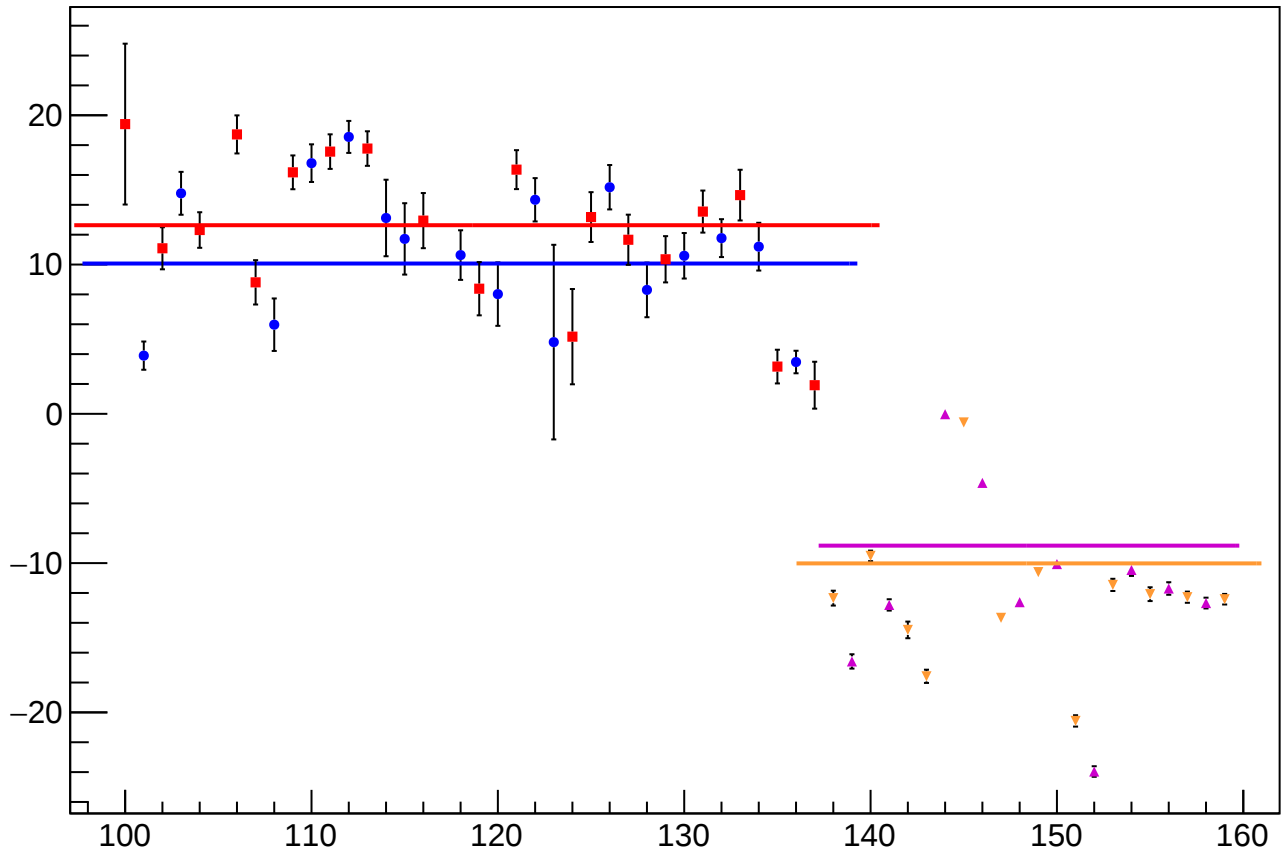
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.531 ± 0.062 χ^2/NDF : 534.8/26

Out: -7.393 ± 0.066 χ^2/NDF : 405.5/30

All: -7.466 ± 0.045 χ^2/NDF : 942.6/57

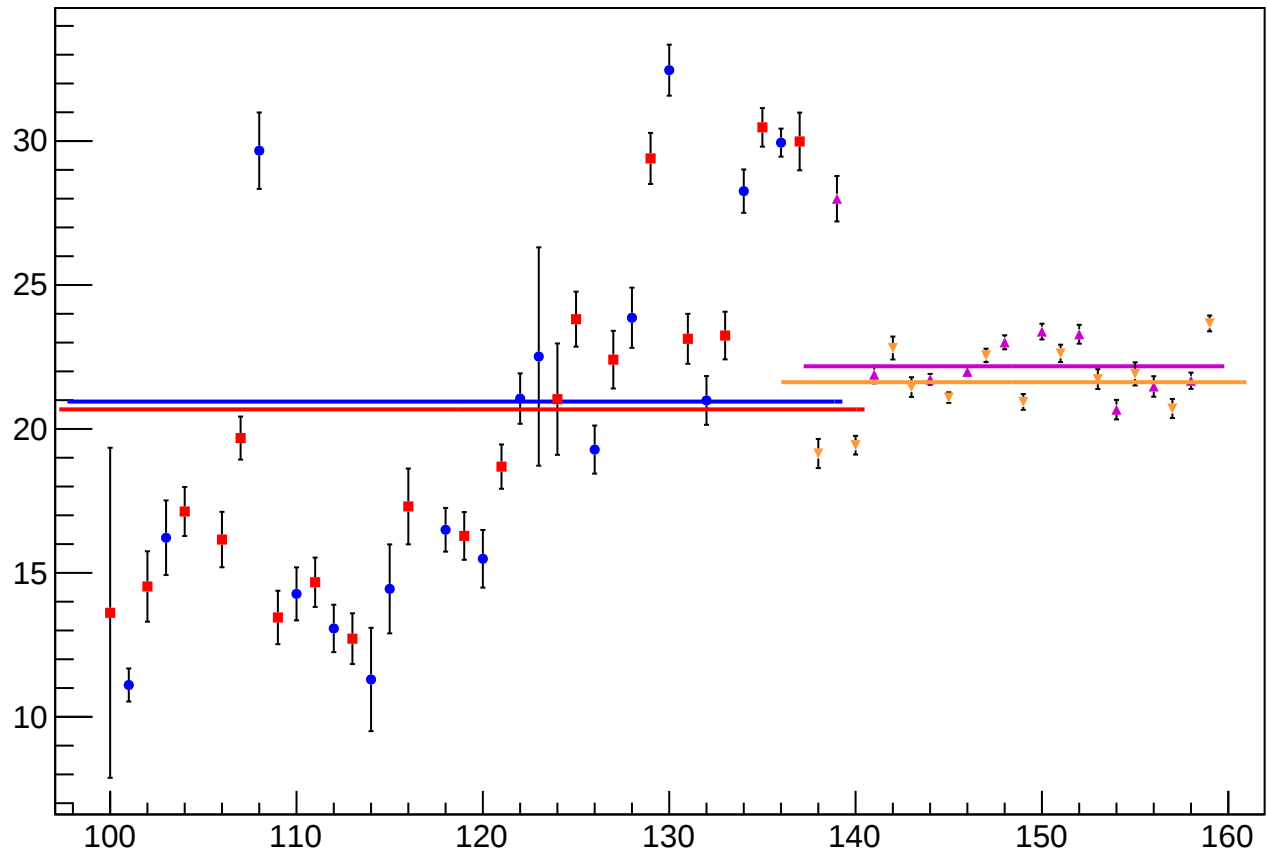
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16
 Left Out: -10.019 ± 0.103 χ^2/NDF : 3484.5/11
 Right Out: 12.635 ± 0.332 χ^2/NDF : 220.5/18
 Left In: -8.830 ± 0.097 χ^2/NDF : 4410.3/9

Left: -9.393 ± 0.071 χ^2/NDF : 7965.3/21
 Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35
 In: -7.374 ± 0.094 χ^2/NDF : 7559.1/26
 Out: -8.041 ± 0.098 χ^2/NDF : 7942.6/30
 All: -7.692 ± 0.068 χ^2/NDF : 15525.9/57

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: 21.625 $\pm$ 0.085 χ^2 /NDF:183.6/11

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.177 $\pm$ 0.080 χ^2 /NDF:132.4/9

Left: 21.918 $\pm$ 0.058 χ^2 /NDF: 338.2/21

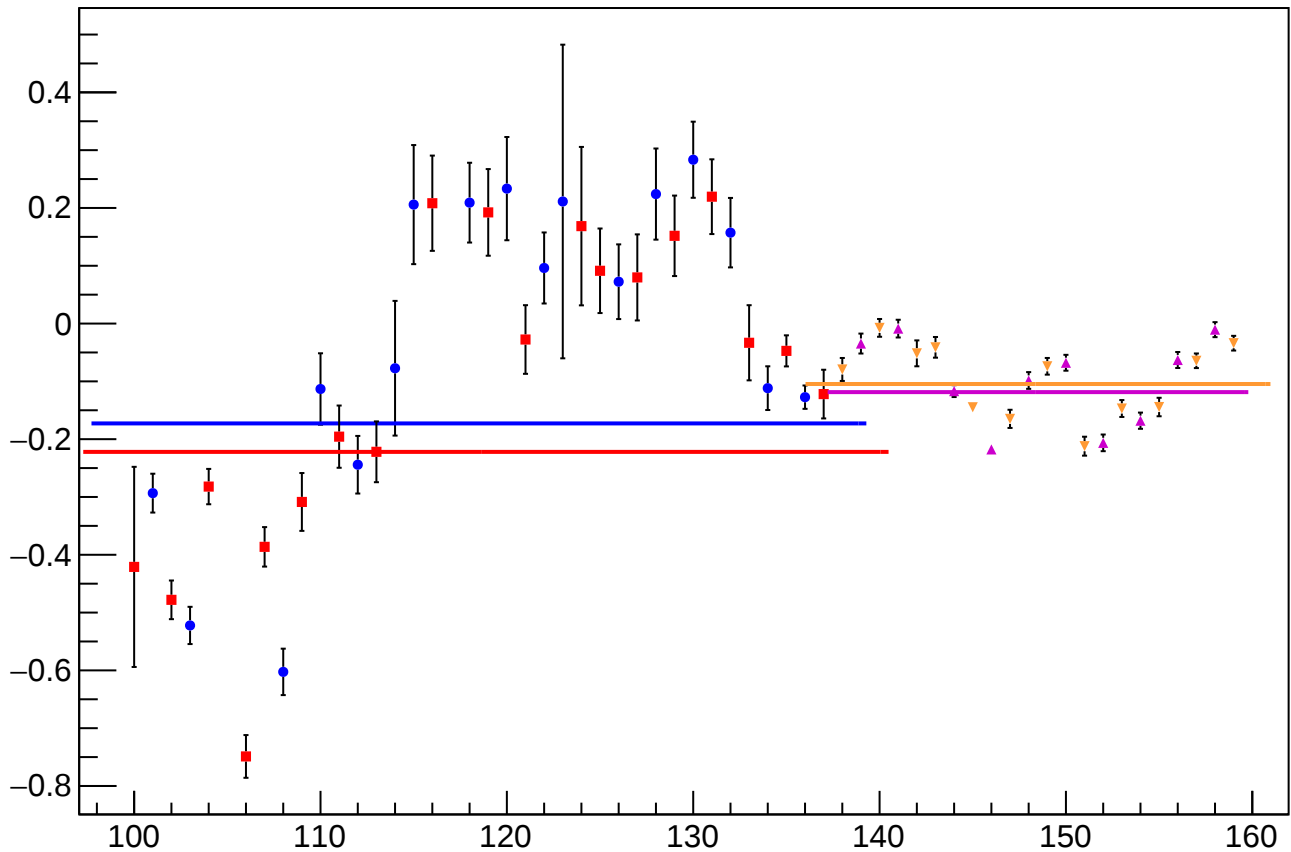
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.021 $\pm$ 0.075 χ^2 /NDF:1384.9/26

Out: 21.494 $\pm$ 0.079 χ^2 /NDF:929.1/30

All: 21.772 $\pm$ 0.054 χ^2 /NDF: 2337.3/57

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: -0.105 ± 0.004 χ^2/NDF : 202.1/11

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.119 ± 0.004 χ^2/NDF : 363.4/9

Left: -0.112 ± 0.003 χ^2/NDF : 571.6/21

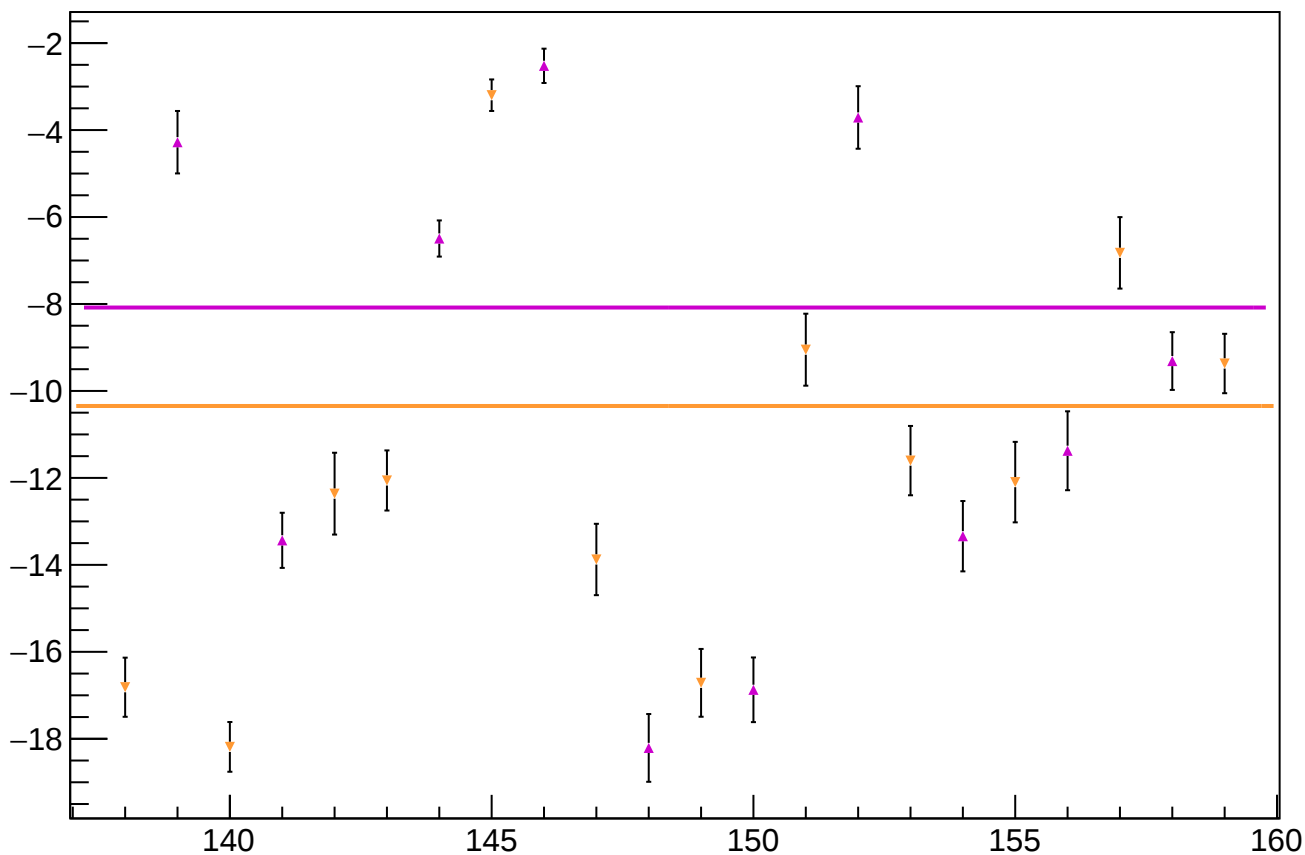
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.125 ± 0.004 χ^2/NDF : 844.5/26

Out: -0.119 ± 0.004 χ^2/NDF : 839.8/30

All: -0.122 ± 0.003 χ^2/NDF : 1685.6/57

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: -10.346+/-0.192 χ^2/NDF : 791.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.082+/-0.192 χ^2/NDF : 717.0/9

Left: -9.213+/-0.136 χ^2/NDF : 1577.8/21

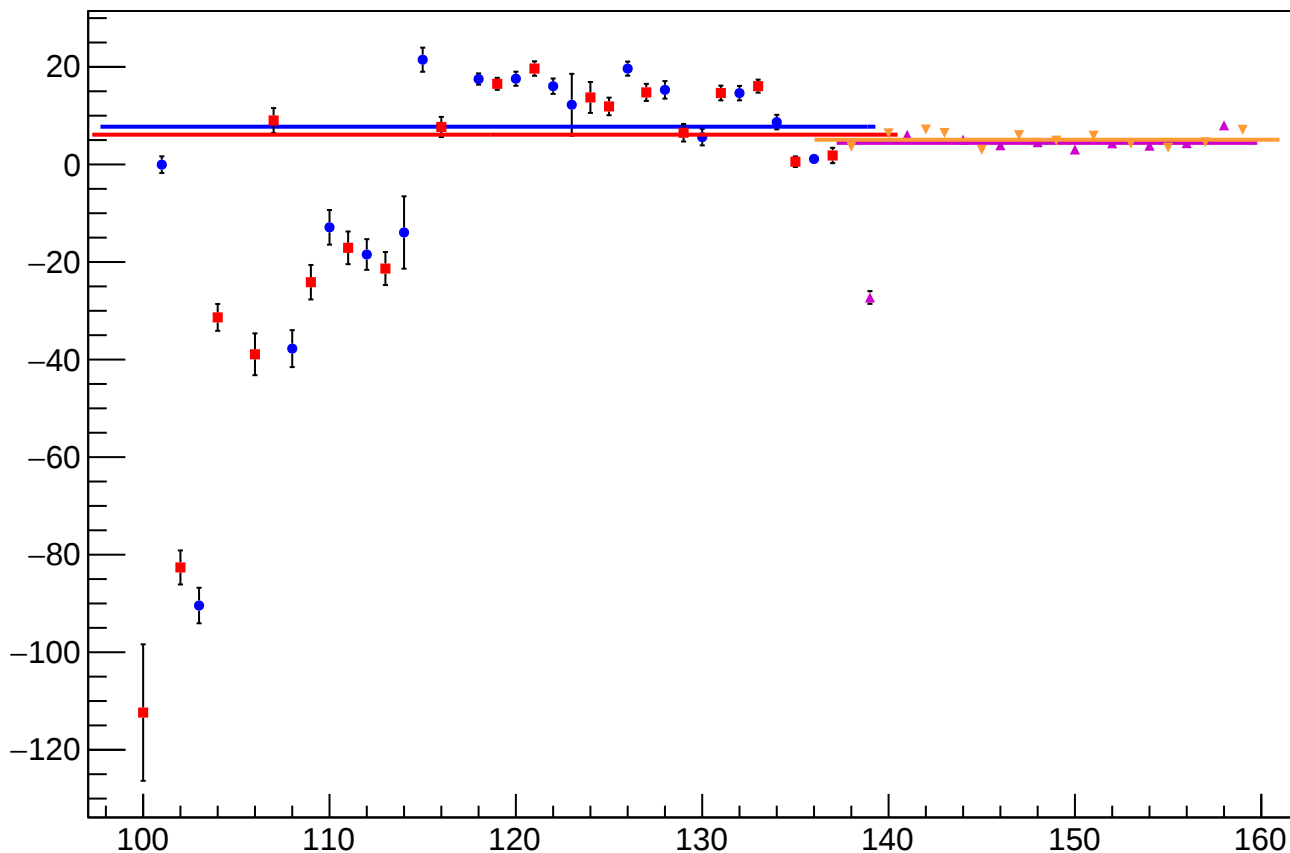
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.082+/-0.192 χ^2/NDF : 717.0/9

Out: -10.346+/-0.192 χ^2/NDF : 791.5/11

All: -9.213+/-0.136 χ^2/NDF : 1577.8/21

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.068 ± 0.135 χ^2/NDF : 123.1/11

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.427 ± 0.131 χ^2/NDF : 681.4/9

Left: 4.738 ± 0.094 χ^2/NDF : 816.0/21

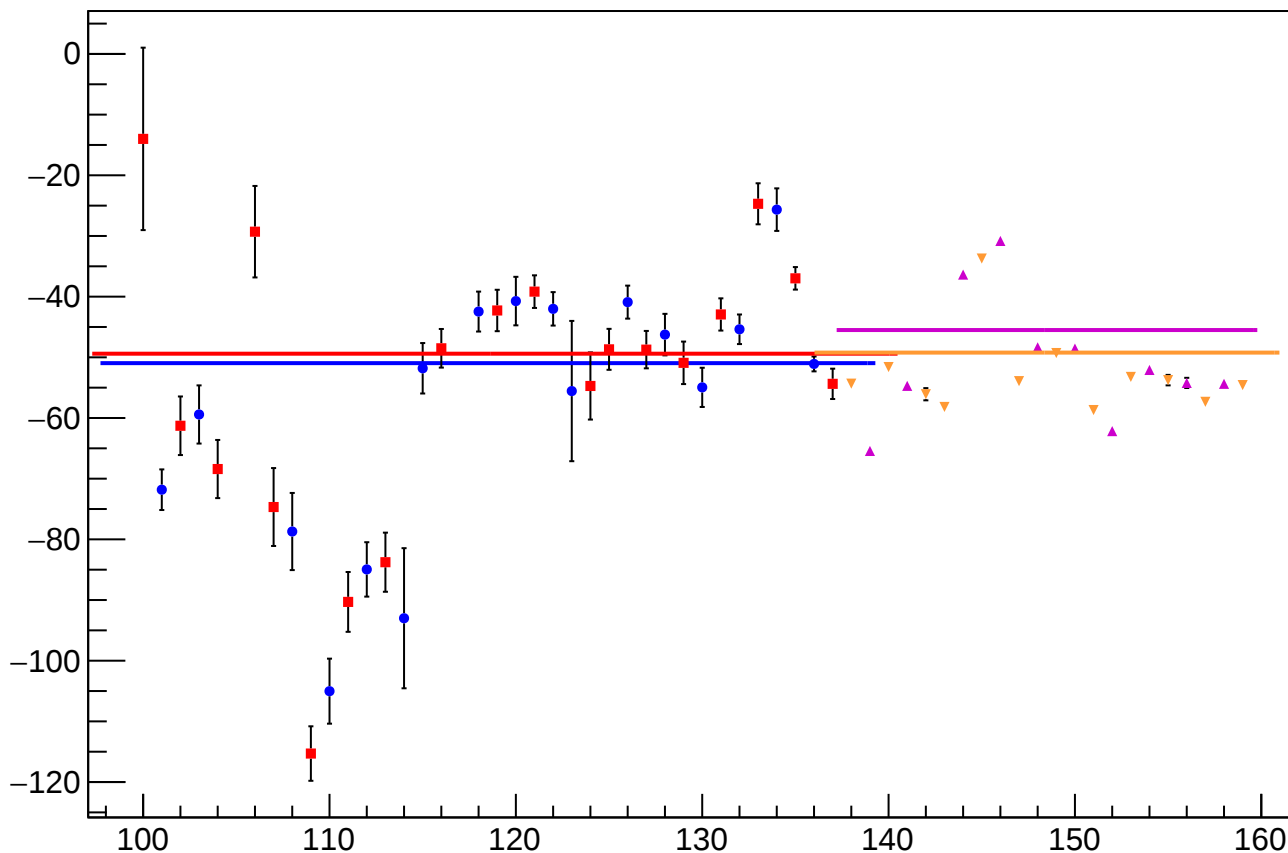
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.746 ± 0.125 χ^2/NDF : 2101.5/26

Out: 5.160 ± 0.129 χ^2/NDF : 1646.0/30

All: 4.946 ± 0.090 χ^2/NDF : 3752.8/57

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: -49.221 ± 0.194 χ^2/NDF : 2281.7/11

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -45.503 ± 0.190 χ^2/NDF : 3773.1/9

Left: -47.324 ± 0.136 χ^2/NDF : 6242.4/21

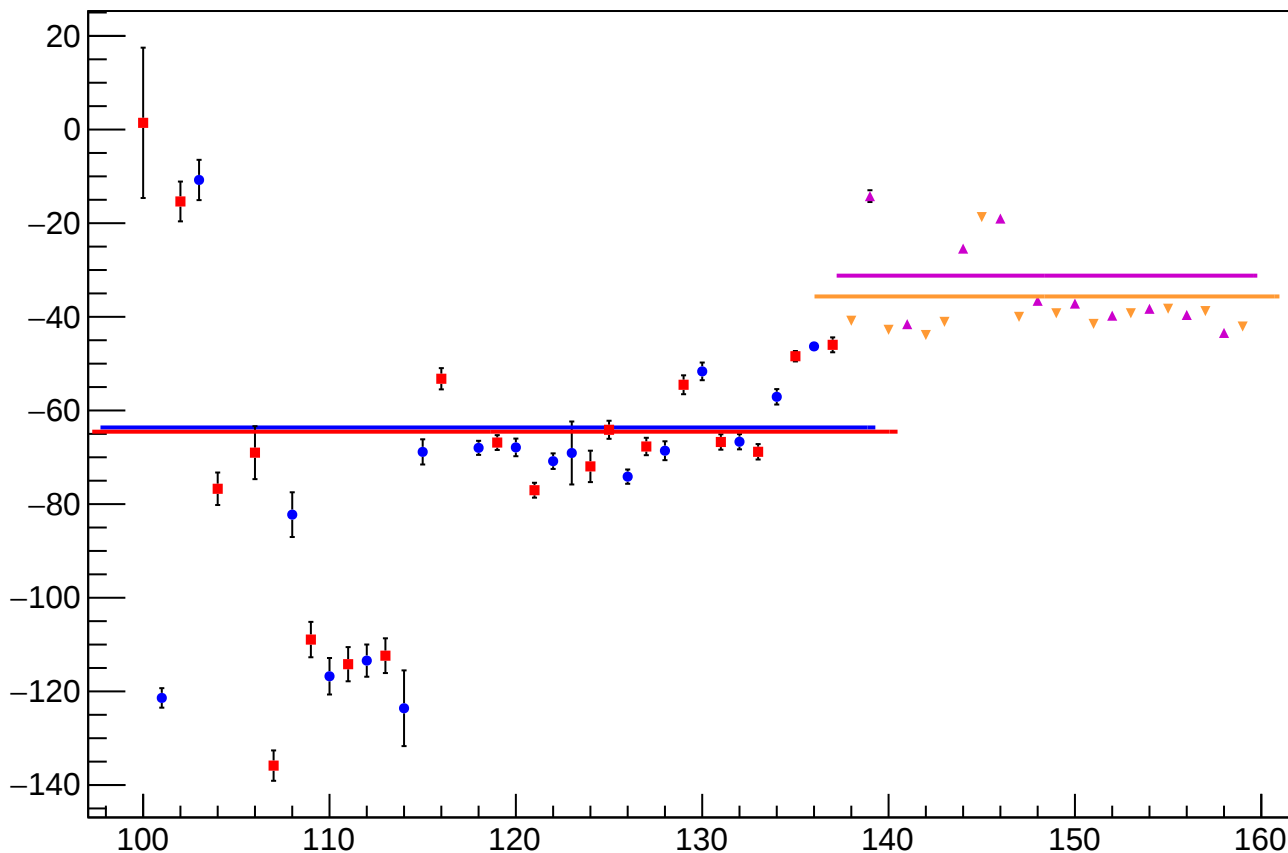
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -45.842 ± 0.184 χ^2/NDF : 4156.2/26

Out: -49.231 ± 0.188 χ^2/NDF : 2793.7/30

All: -47.496 ± 0.132 χ^2/NDF : 7115.6/57

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: -35.647 ± 0.161 χ^2/NDF : 3433.2/11

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -31.203 ± 0.158 χ^2/NDF : 3620.9/9

Left: -33.382 ± 0.113 χ^2/NDF : 7441.2/21

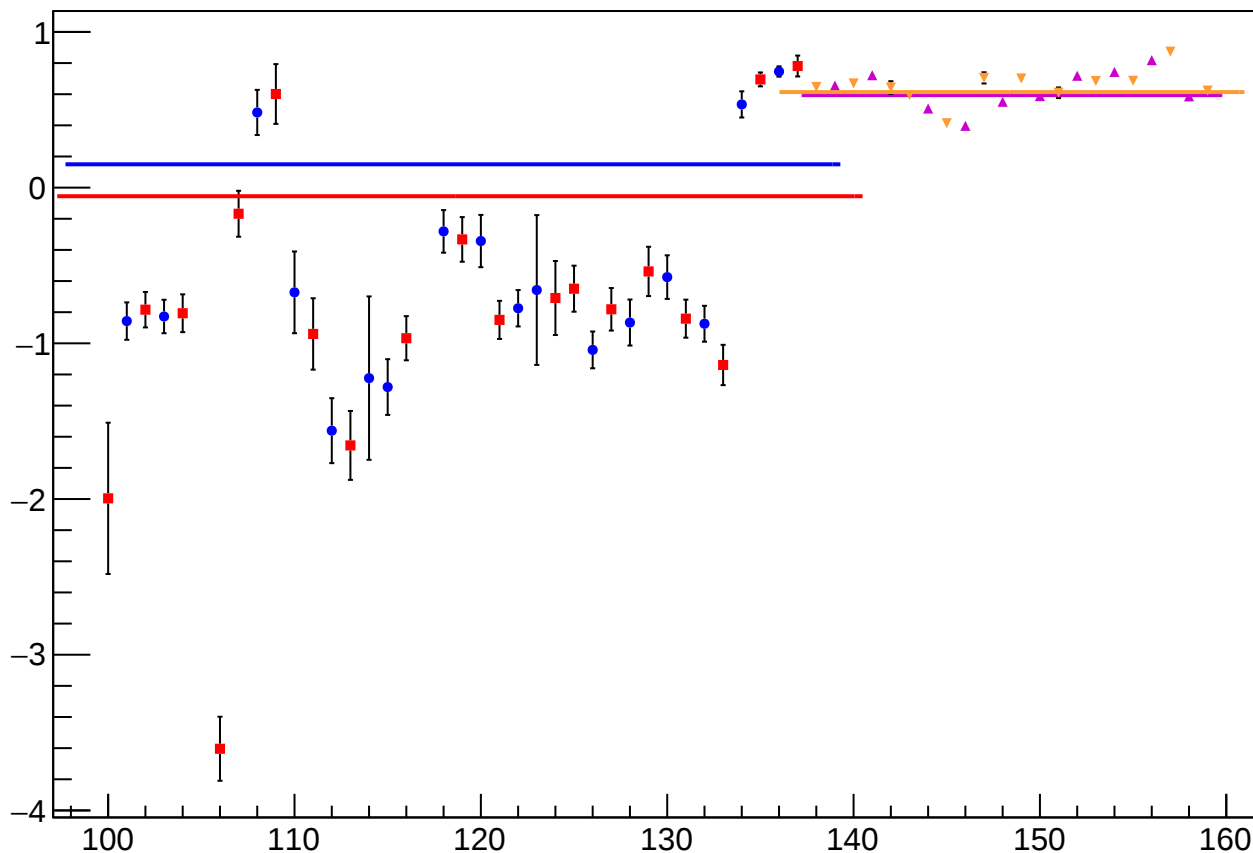
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -34.827 ± 0.149 χ^2/NDF : 10331.1/26

Out: -38.556 ± 0.153 χ^2/NDF : 8274.4/30

All: -36.643 ± 0.107 χ^2/NDF : 18910.5/57

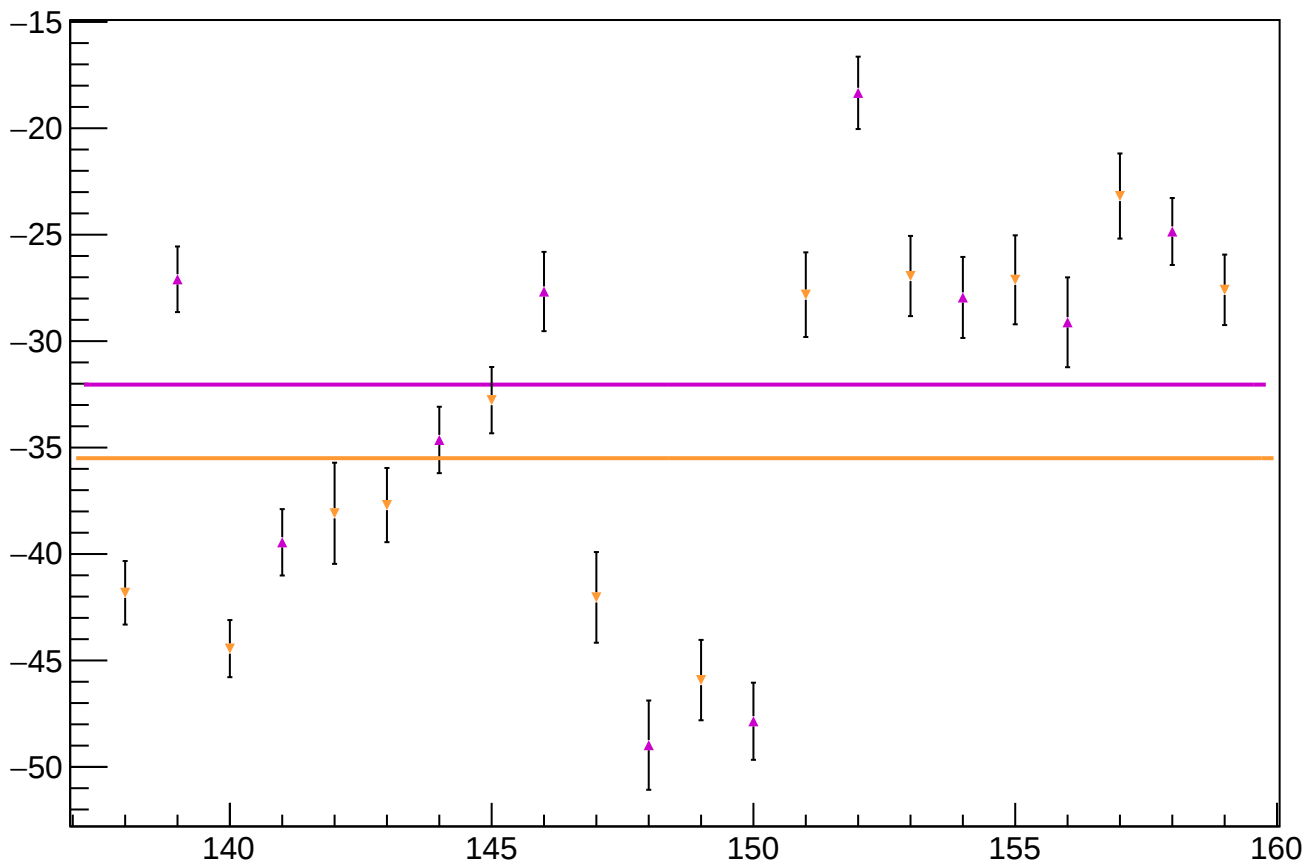
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.614 ± 0.008 χ^2/NDF : 310.9/11
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.594 ± 0.008 χ^2/NDF : 288.5/9

Left: 0.604 ± 0.005 χ^2/NDF : 602.6/21
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.552 ± 0.007 χ^2/NDF : 1588.6/26
 Out: 0.562 ± 0.007 χ^2/NDF : 2082.5/30
 All: 0.557 ± 0.005 χ^2/NDF : 3671.9/57

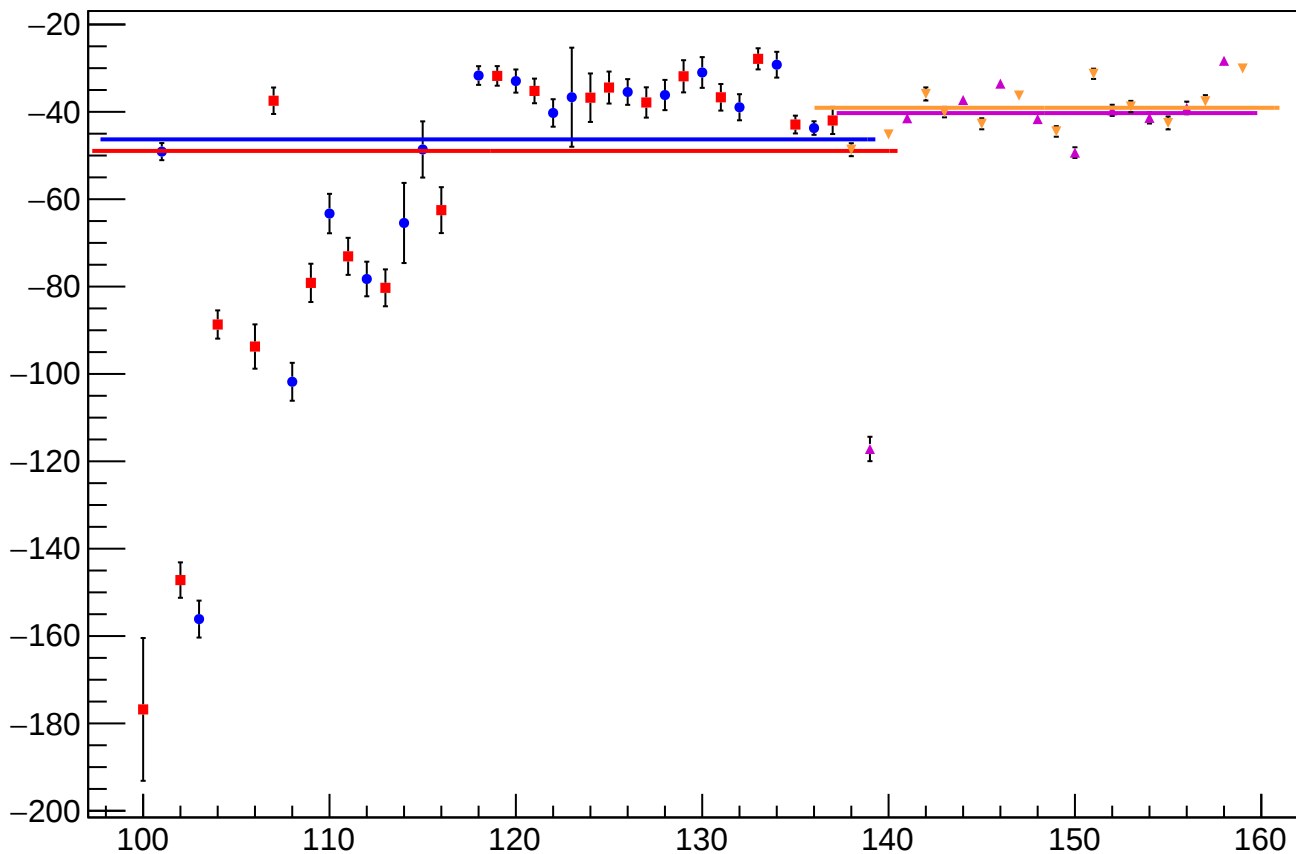
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -35.498 ± 0.513 χ^2/NDF : 220.6/11
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -32.043 ± 0.549 χ^2/NDF : 275.1/9

Left: -33.889 ± 0.375 χ^2/NDF : 516.8/21
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -32.043 ± 0.549 χ^2/NDF : 275.1/9
 Out: -35.498 ± 0.513 χ^2/NDF : 220.6/11
 All: -33.889 ± 0.375 χ^2/NDF : 516.8/21

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -39.072 ± 0.359 $\chi^2/\text{NDF}: 227.1/11$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -40.284 ± 0.387 $\chi^2/\text{NDF}: 982.8/9$

Left: -39.632 ± 0.263 $\chi^2/\text{NDF}: 1215.1/21$

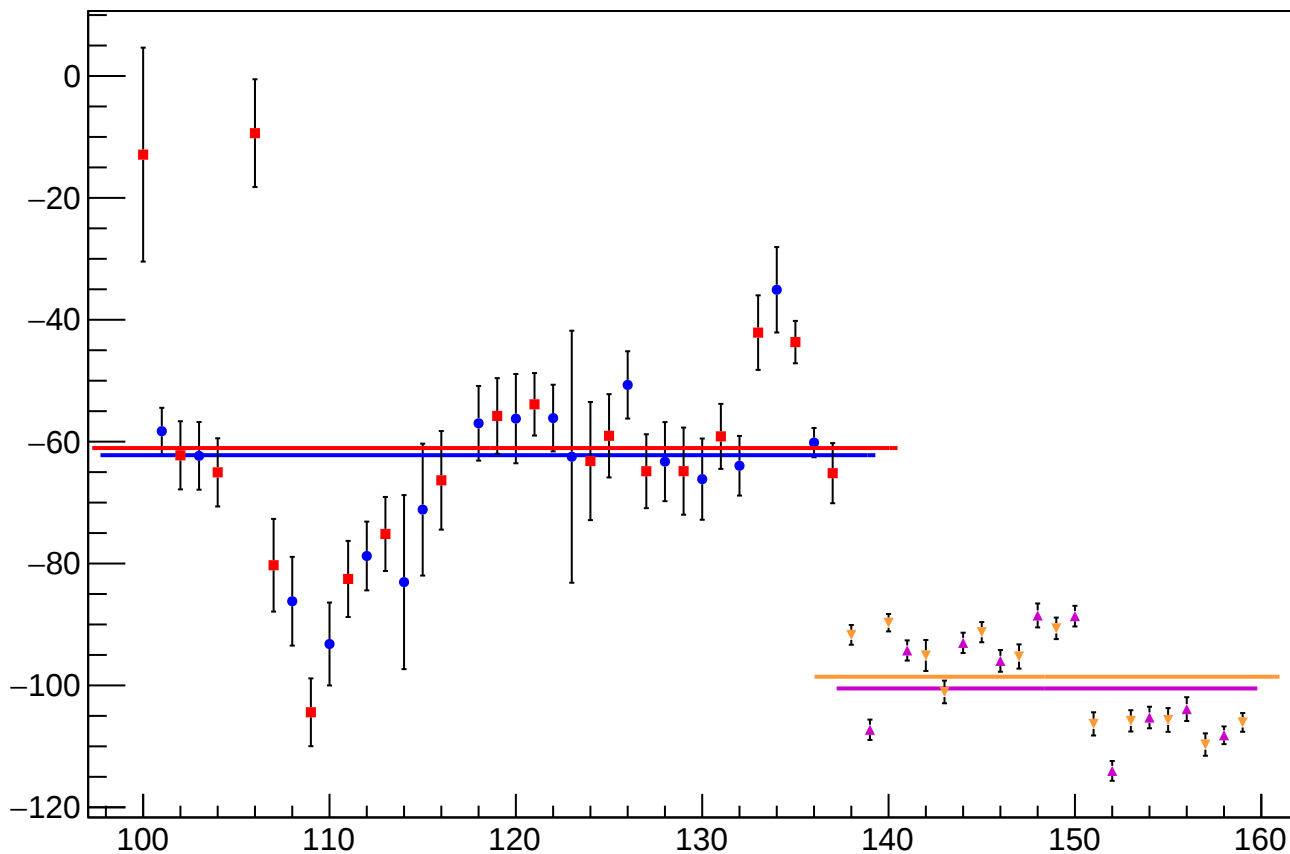
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -41.623 ± 0.341 $\chi^2/\text{NDF}: 2120.5/26$

Out: -40.863 ± 0.325 $\chi^2/\text{NDF}: 1637.9/30$

All: -41.224 ± 0.235 $\chi^2/\text{NDF}: 3761.1/57$

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: -98.575 ± 0.510 χ^2/NDF : 210.1/11

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -100.499 ± 0.539 χ^2/NDF : 250.8/9

Left: -99.484 ± 0.371 χ^2/NDF : 467.7/21

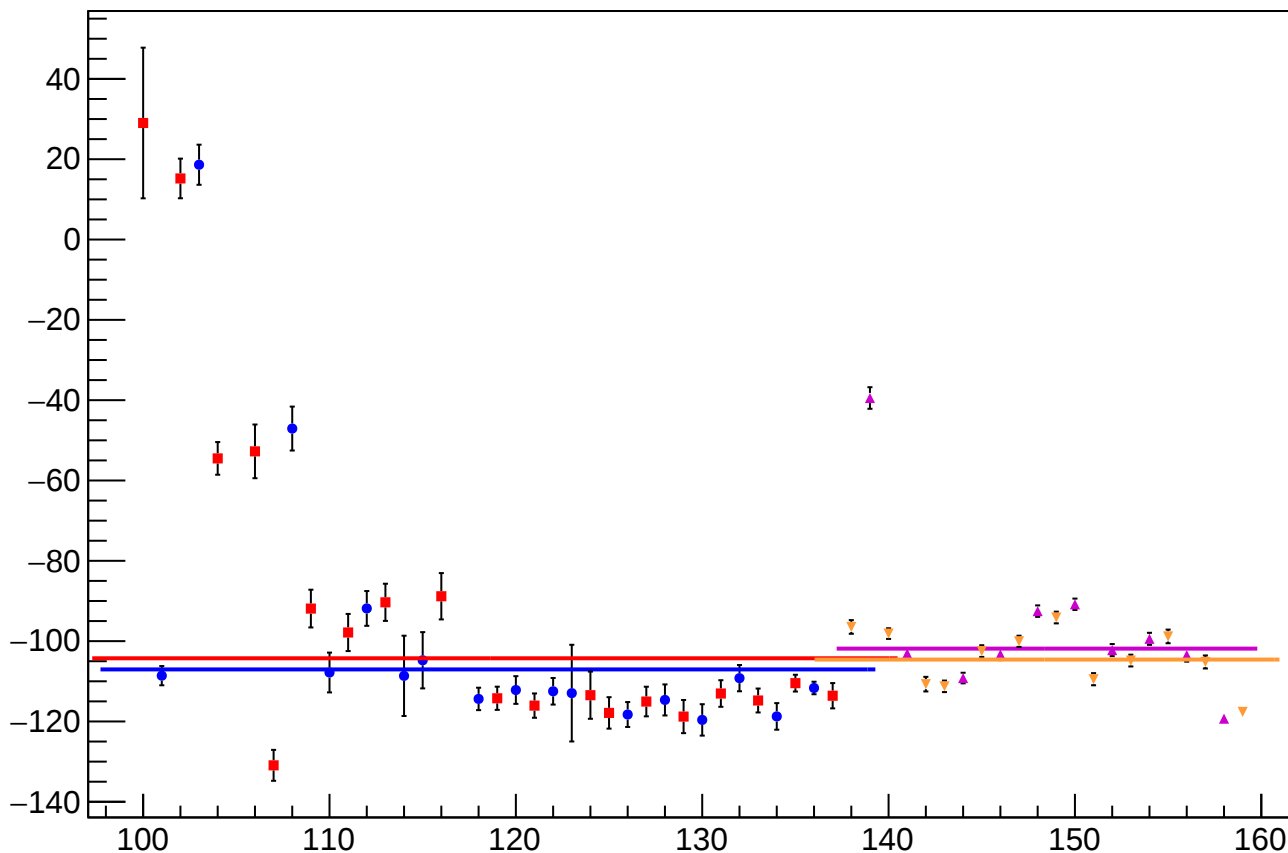
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -94.963 ± 0.499 χ^2/NDF : 1046.6/26

Out: -94.054 ± 0.479 χ^2/NDF : 1027.8/30

All: -94.490 ± 0.345 χ^2/NDF : 2076.1/57

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: -104.588 ± 0.427 χ^2/NDF : 284.6/11

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -101.861 ± 0.458 χ^2/NDF : 912.3/9

Left: -103.319 ± 0.312 χ^2/NDF : 1215.9/21

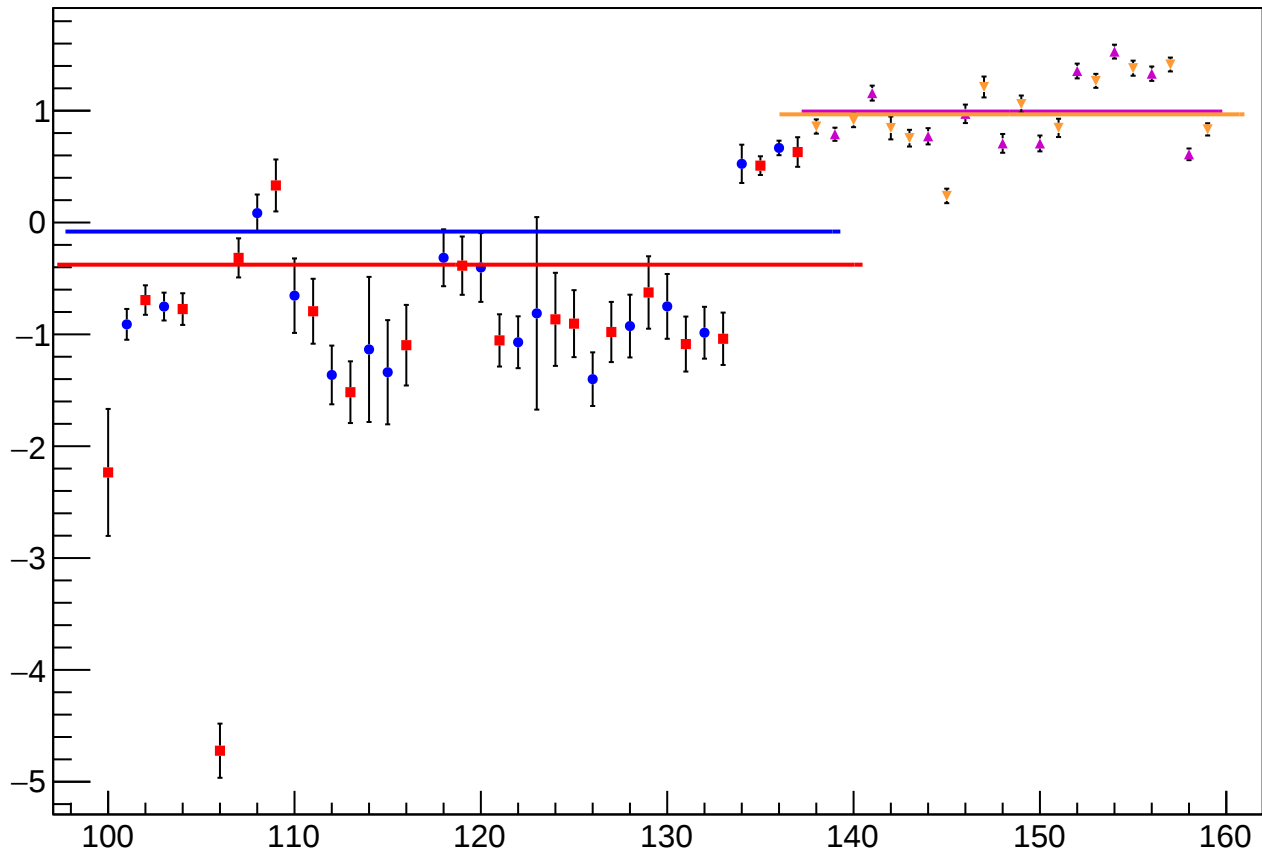
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -103.110 ± 0.399 χ^2/NDF : 1771.0/26

Out: -104.525 ± 0.383 χ^2/NDF : 1302.8/30

All: -103.847 ± 0.276 χ^2/NDF : 3080.3/57

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: 0.967 ± 0.020 χ^2/NDF : 267.9/11

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.992 ± 0.021 χ^2/NDF : 240.8/9

Left: 0.979 ± 0.014 χ^2/NDF : 509.5/21

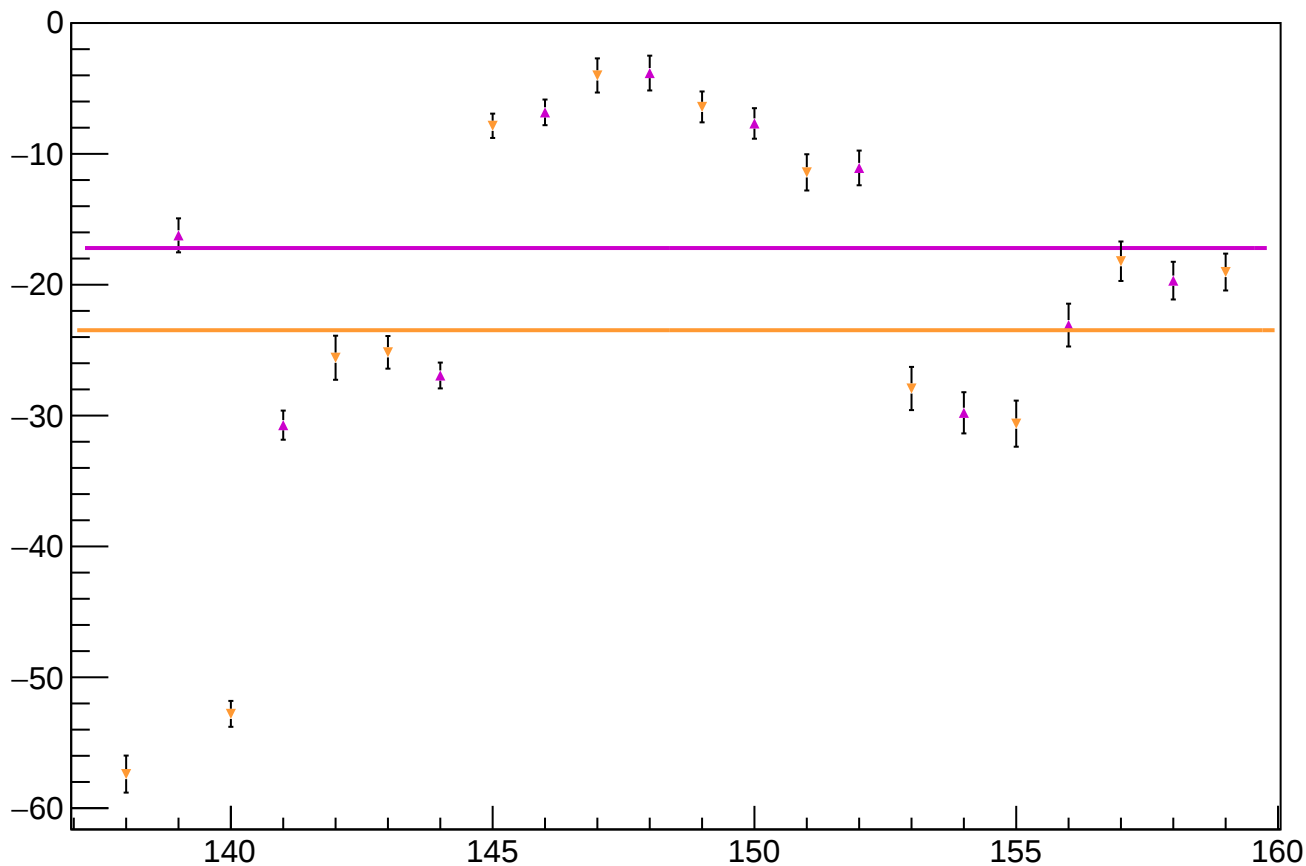
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.780 ± 0.019 χ^2/NDF : 1088.7/26

Out: 0.737 ± 0.018 χ^2/NDF : 1629.5/30

All: 0.758 ± 0.013 χ^2/NDF : 2721.0/57

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.476+/-0.374 χ^2/NDF :2291.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.196+/-0.389 χ^2/NDF :626.8/9

Left: -20.459+/-0.270 χ^2/NDF : 3052.9/21

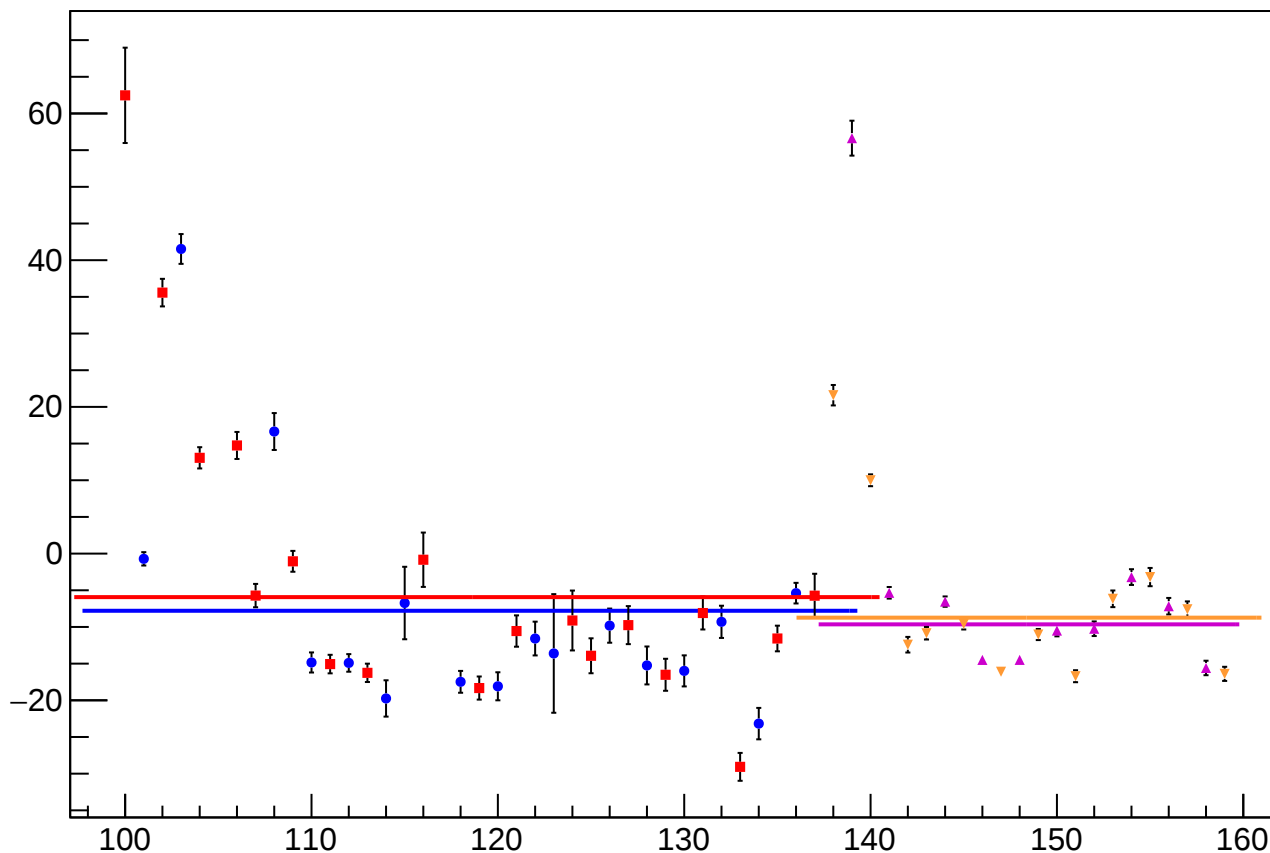
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.196+/-0.389 χ^2/NDF :626.8/9

Out: -23.476+/-0.374 χ^2/NDF :2291.0/11

All: -20.459+/-0.270 χ^2/NDF : 3052.9/21

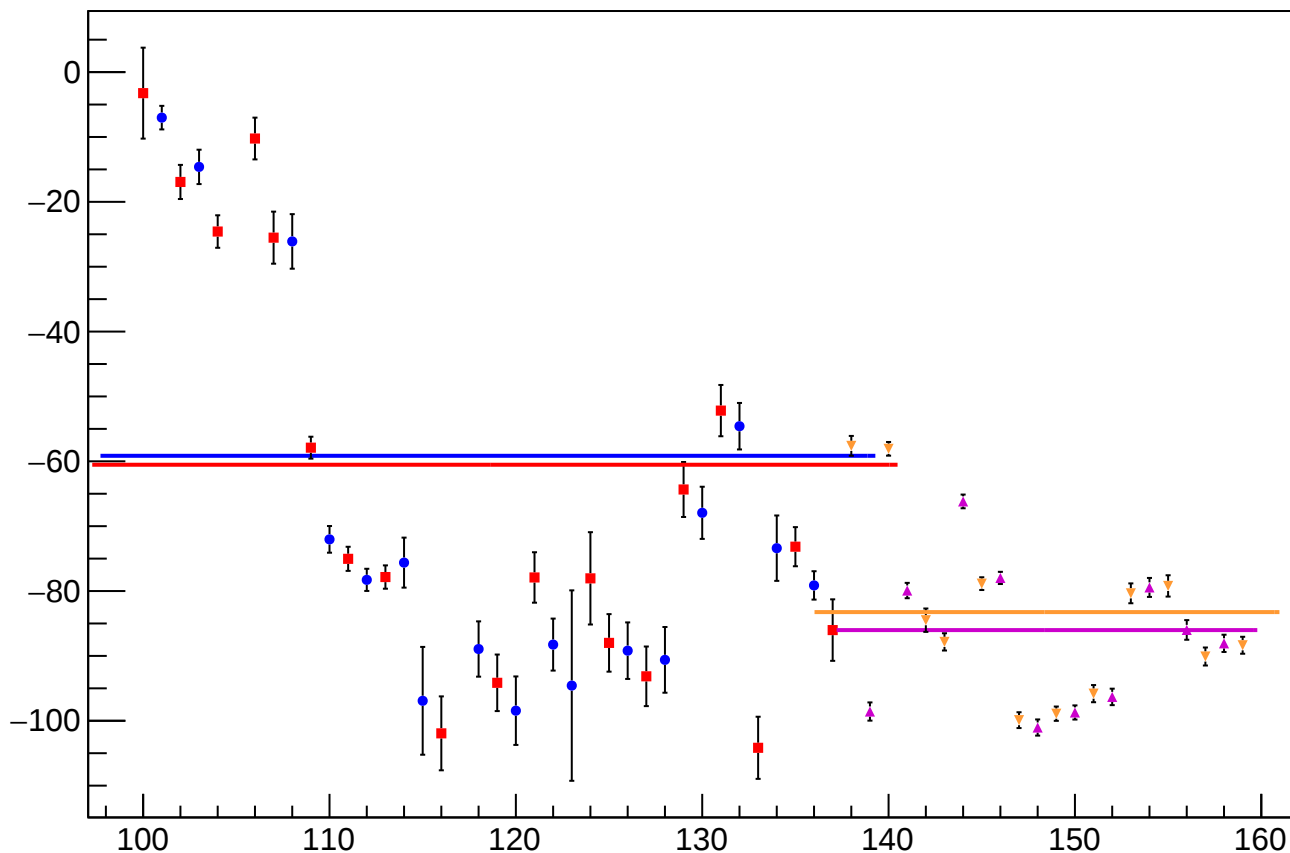
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.732 ± 0.256 χ^2/NDF : 1363.5/11
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -9.646 ± 0.266 χ^2/NDF : 1020.3/9

Left: -9.172 ± 0.185 χ^2/NDF : 2389.9/21
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -9.129 ± 0.226 χ^2/NDF : 2016.5/26
 Out: -7.994 ± 0.220 χ^2/NDF : 2689.2/30
 All: -8.546 ± 0.158 χ^2/NDF : 4718.6/57

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: -83.245 ± 0.373 χ^2/NDF : 1408.9/11

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -86.020 ± 0.383 χ^2/NDF : 900.3/9

Left: -84.595 ± 0.267 χ^2/NDF : 2336.2/21

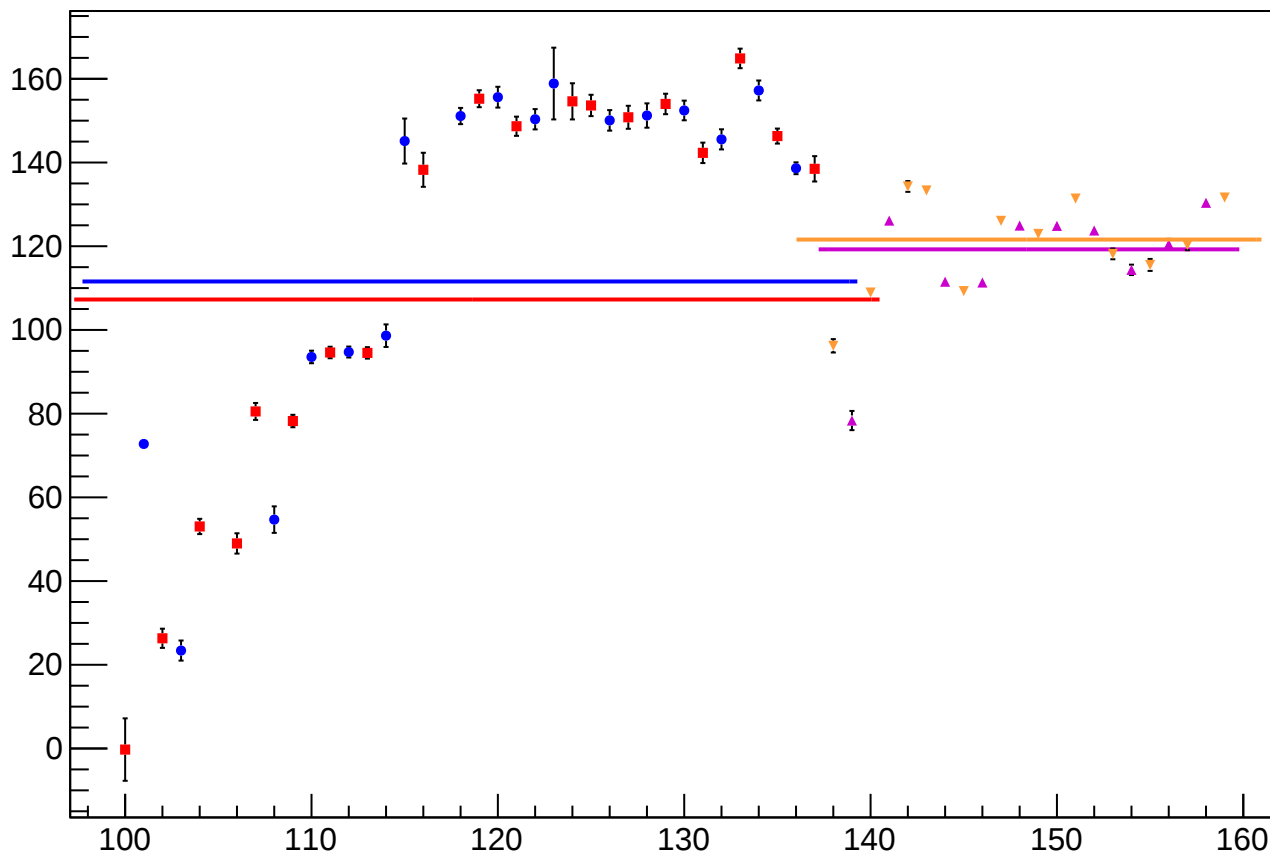
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -80.407 ± 0.341 χ^2/NDF : 3647.1/26

Out: -78.273 ± 0.329 χ^2/NDF : 3607.0/30

All: -79.305 ± 0.237 χ^2/NDF : 7274.4/57

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: 121.595 $\pm$ 0.309 χ^2 /NDF:1084.0/11

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 119.252 $\pm$ 0.321 χ^2 /NDF:783.7/9

Left: 120.467 $\pm$ 0.222 χ^2 /NDF: 1895.5/21

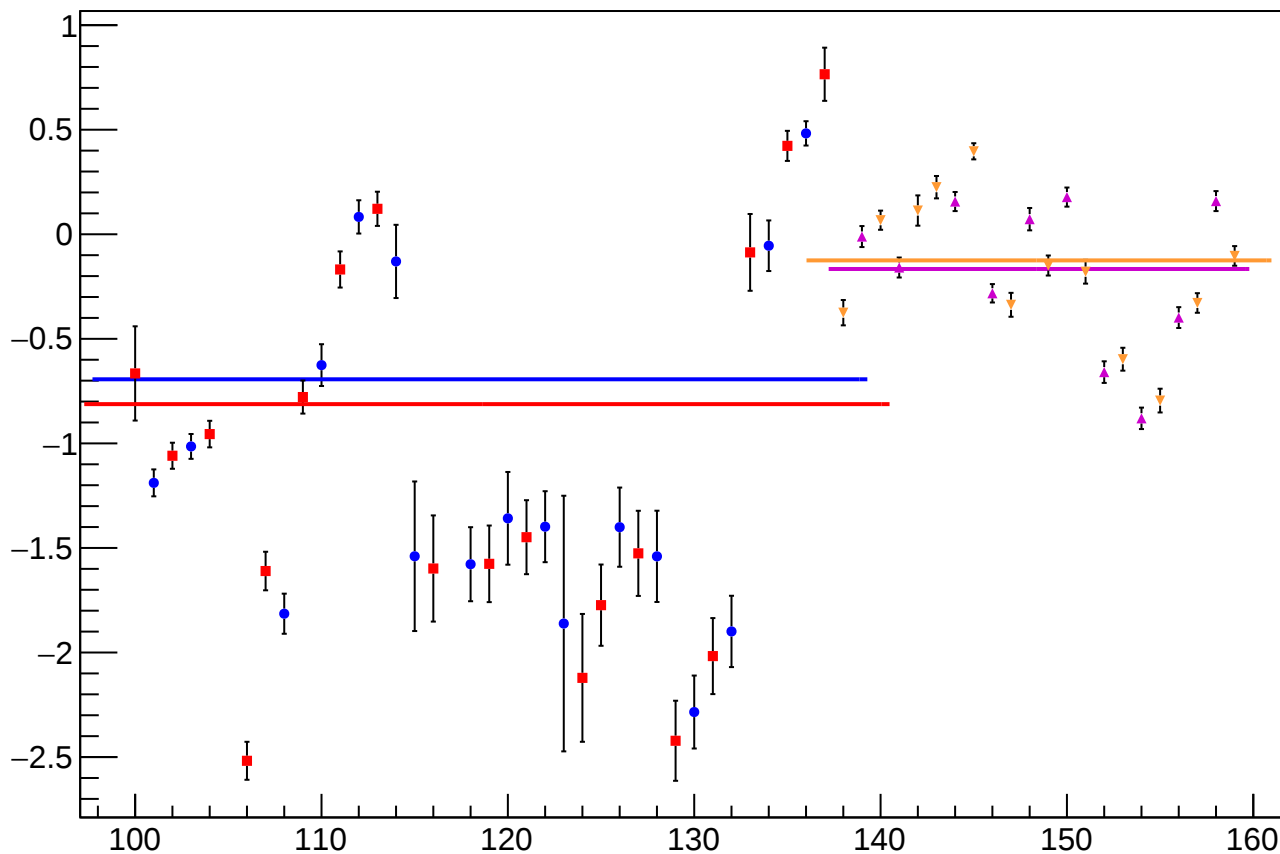
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 116.937 $\pm$ 0.268 χ^2 /NDF:6902.6/26

Out: 117.493 $\pm$ 0.261 χ^2 /NDF:8744.6/30

All: 117.222 $\pm$ 0.187 χ^2 /NDF: 15649.5/57

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: -0.125 ± 0.015 χ^2/NDF : 518.8/11

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.166 ± 0.015 χ^2/NDF : 495.8/9

Left: -0.145 ± 0.011 χ^2/NDF : 1018.3/21

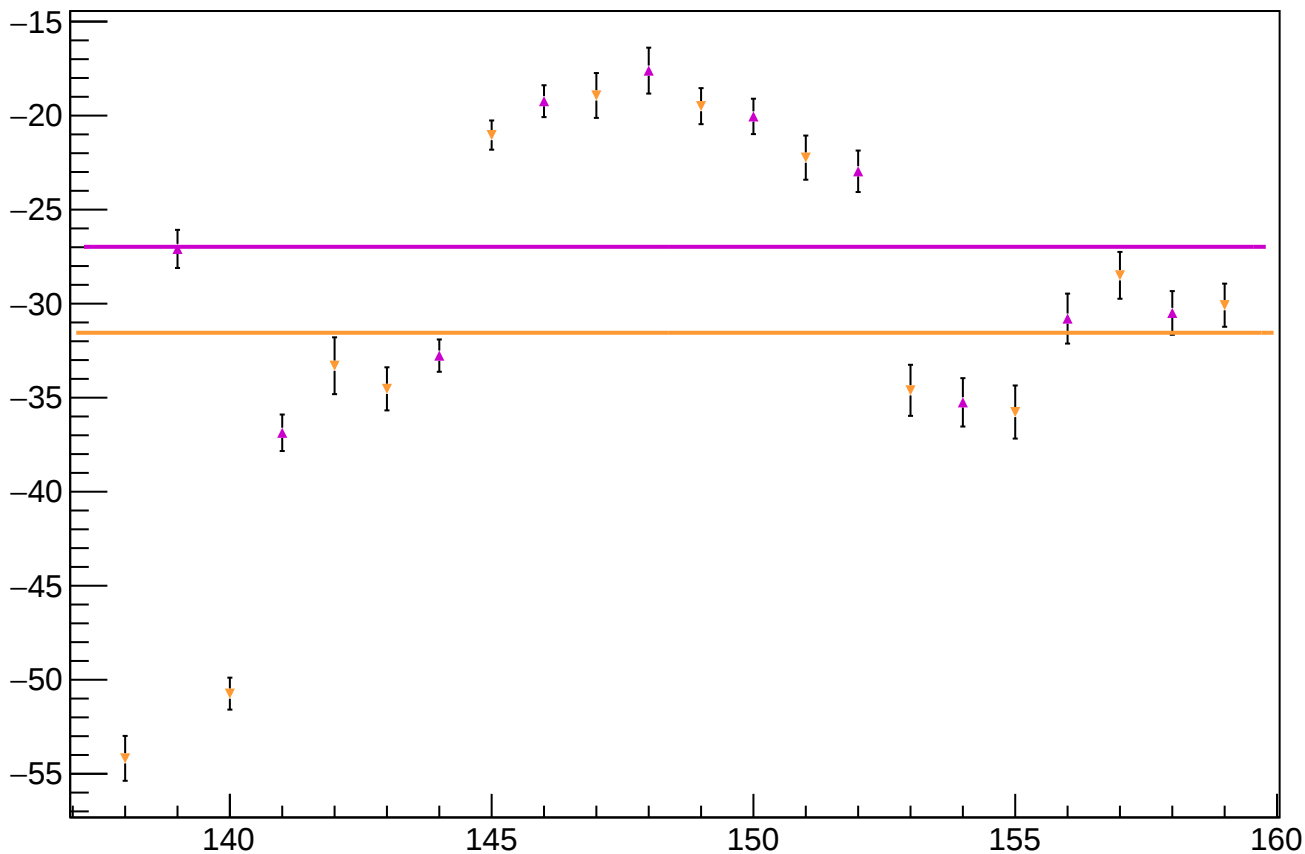
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.304 ± 0.013 χ^2/NDF : 1795.4/26

Out: -0.311 ± 0.013 χ^2/NDF : 2410.2/30

All: -0.307 ± 0.009 χ^2/NDF : 4205.7/57

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.548+/-0.318 χ^2/NDF :1415.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.977+/-0.328 χ^2/NDF :418.0/9

Left: -29.333+/-0.228 χ^2/NDF : 1933.6/21

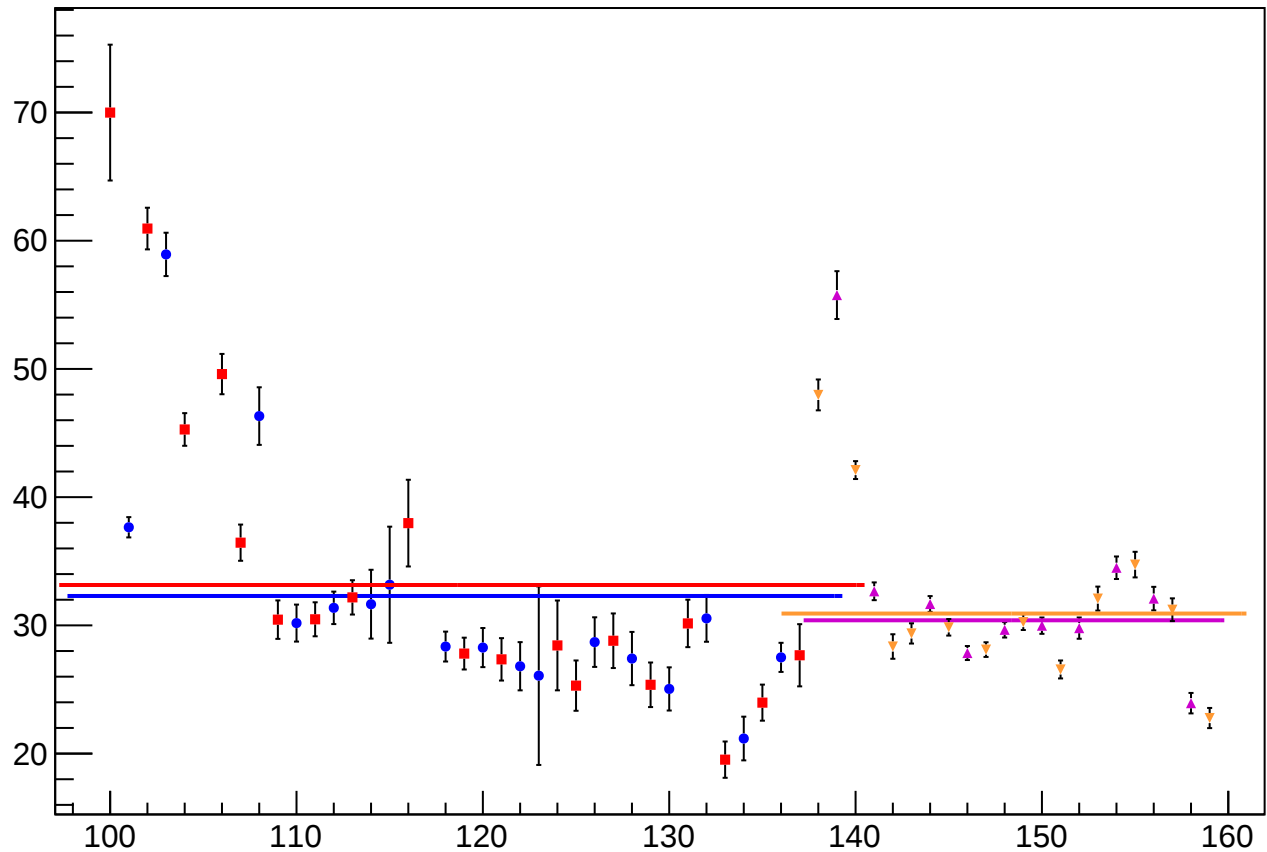
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.977+/-0.328 χ^2/NDF :418.0/9

Out: -31.548+/-0.318 χ^2/NDF :1415.3/11

All: -29.333+/-0.228 χ^2/NDF : 1933.6/21

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 30.922+/-0.220 χ^2/NDF : 659.5/11

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 30.395+/-0.229 χ^2/NDF : 315.0/9

Left: 30.669+/-0.159 χ^2/NDF : 977.3/21

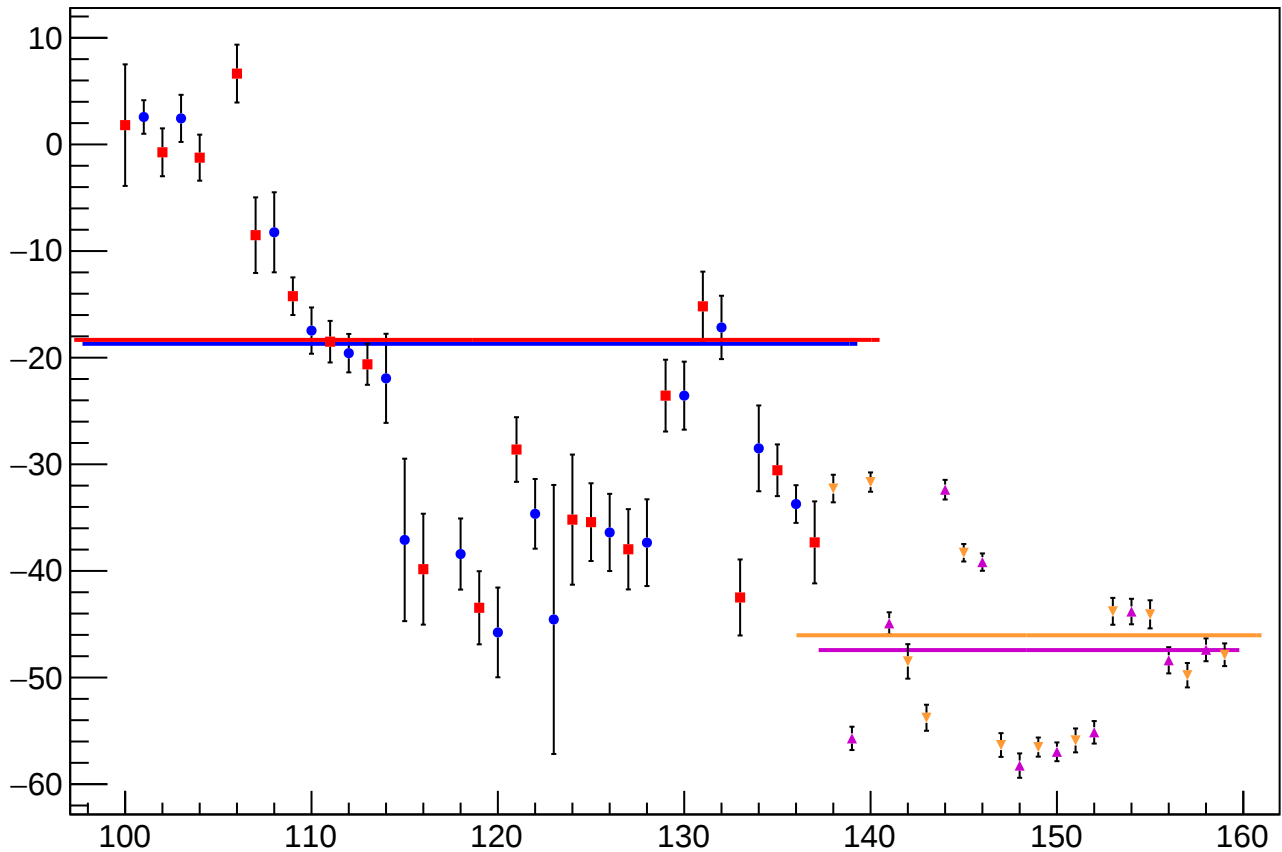
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 30.914+/-0.195 χ^2/NDF : 786.4/26

Out: 31.485+/-0.190 χ^2/NDF : 1458.0/30

All: 31.206+/-0.136 χ^2/NDF : 2248.8/57

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: -46.035 ± 0.315 $\chi^2/\text{NDF}: 815.3/11$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -47.424 ± 0.322 $\chi^2/\text{NDF}: 703.2/9$

Left: -46.715 ± 0.225 $\chi^2/\text{NDF}: 1528.0/21$

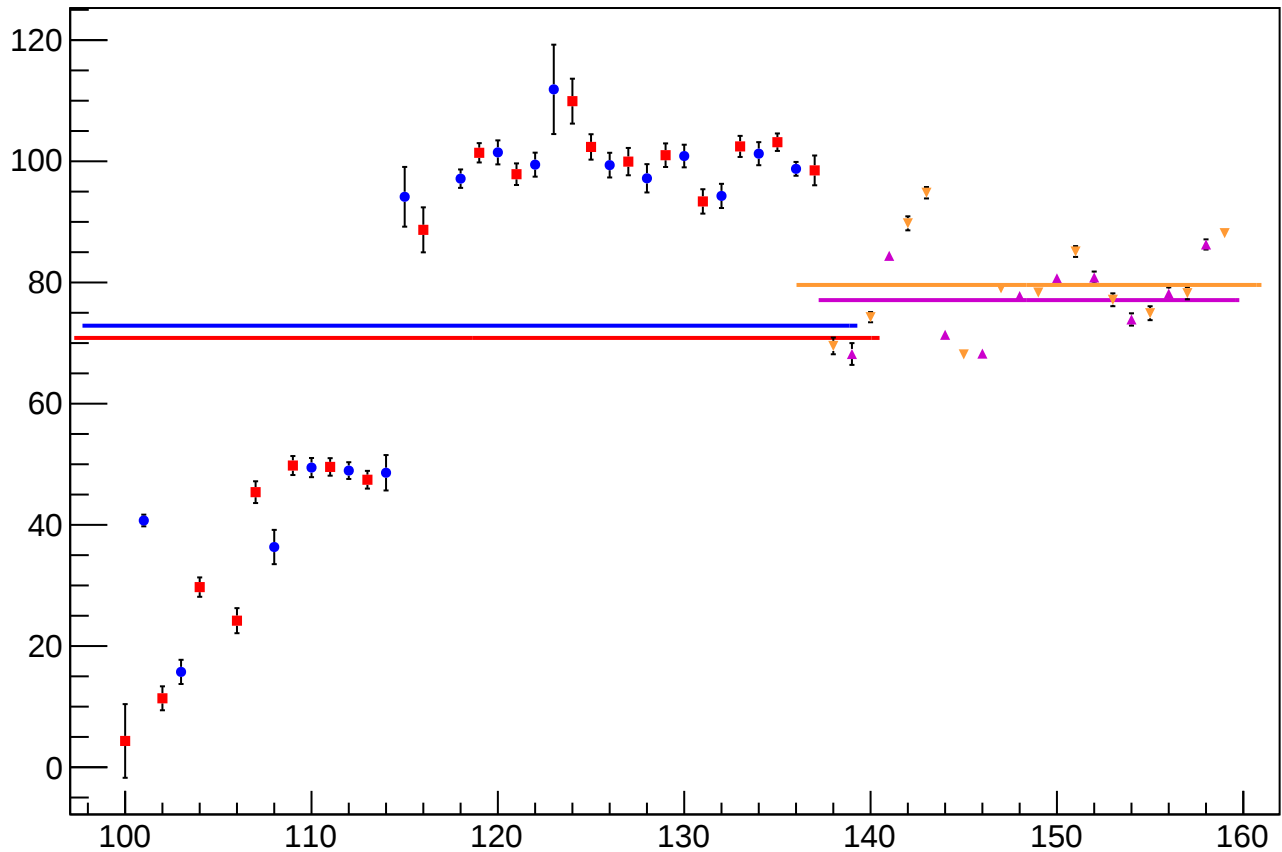
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -41.989 ± 0.290 $\chi^2/\text{NDF}: 2728.1/26$

Out: -40.669 ± 0.283 $\chi^2/\text{NDF}: 2784.3/30$

All: -41.314 ± 0.203 $\chi^2/\text{NDF}: 5523.0/57$

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: 79.594 $\pm$ 0.264 χ^2 /NDF:841.4/11

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 77.091 $\pm$ 0.273 χ^2 /NDF:503.0/9

Left: 78.386 $\pm$ 0.190 χ^2 /NDF: 1388.0/21

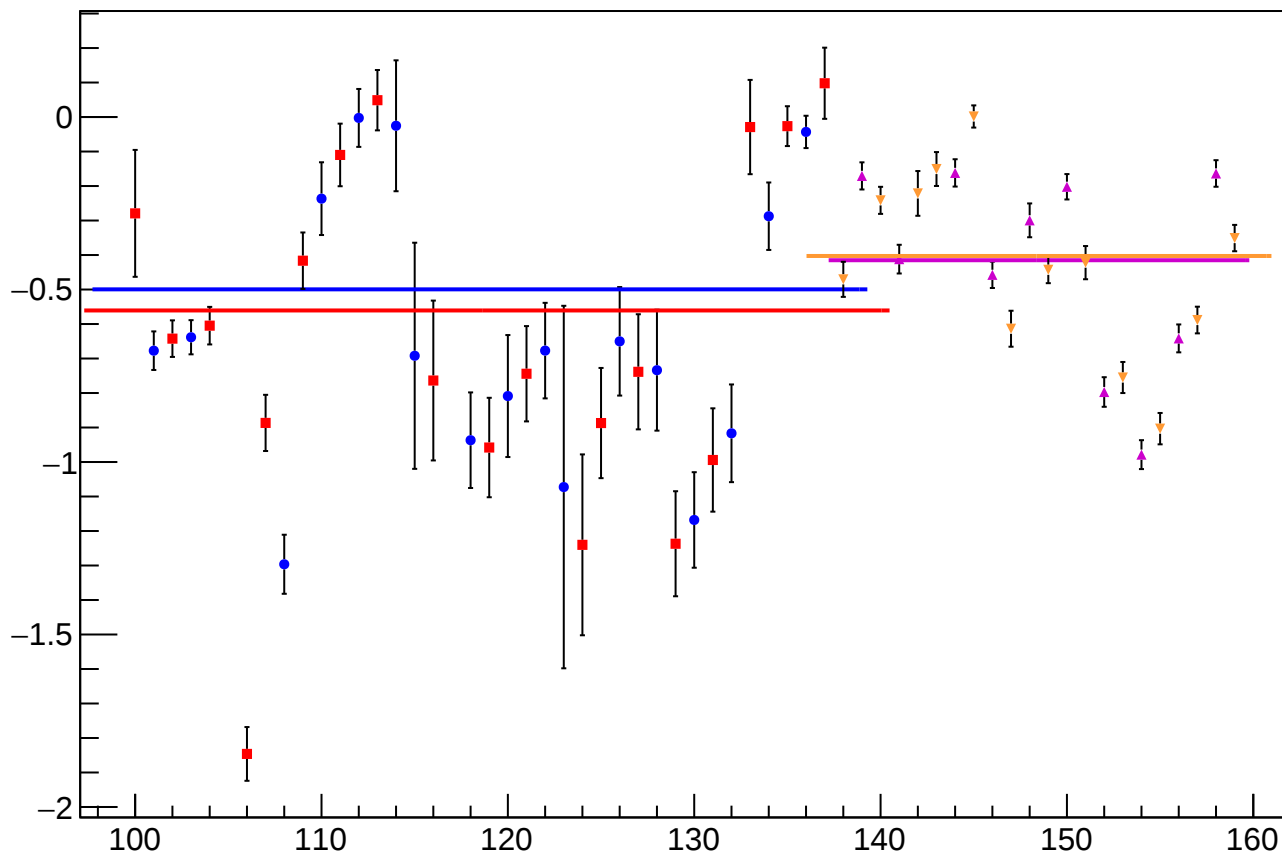
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 75.867 $\pm$ 0.230 χ^2 /NDF:5299.6/26

Out: 77.231 $\pm$ 0.225 χ^2 /NDF:6634.4/30

All: 76.563 $\pm$ 0.161 χ^2 /NDF: 11952.0/57

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: -0.403 ± 0.012 χ^2/NDF : 435.6/11

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.415 ± 0.013 χ^2/NDF : 453.9/9

Left: -0.409 ± 0.009 χ^2/NDF : 890.0/21

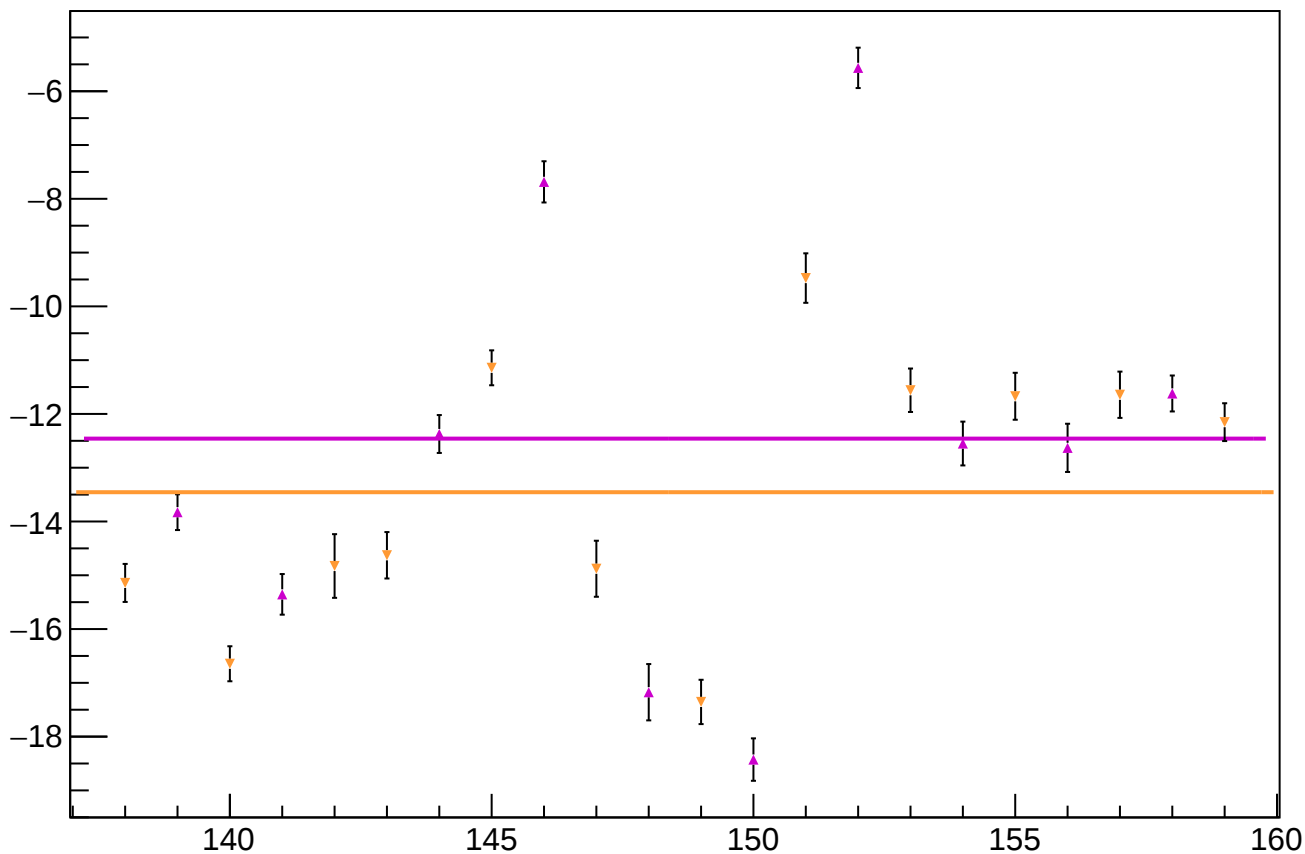
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.436 ± 0.011 χ^2/NDF : 767.3/26

Out: -0.443 ± 0.011 χ^2/NDF : 1038.1/30

All: -0.439 ± 0.008 χ^2/NDF : 1805.6/57

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: -13.455+/-0.116 χ^2/NDF : 424.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.459+/-0.121 χ^2/NDF : 884.3/9

Left: -12.979+/-0.084 χ^2/NDF : 1344.1/21

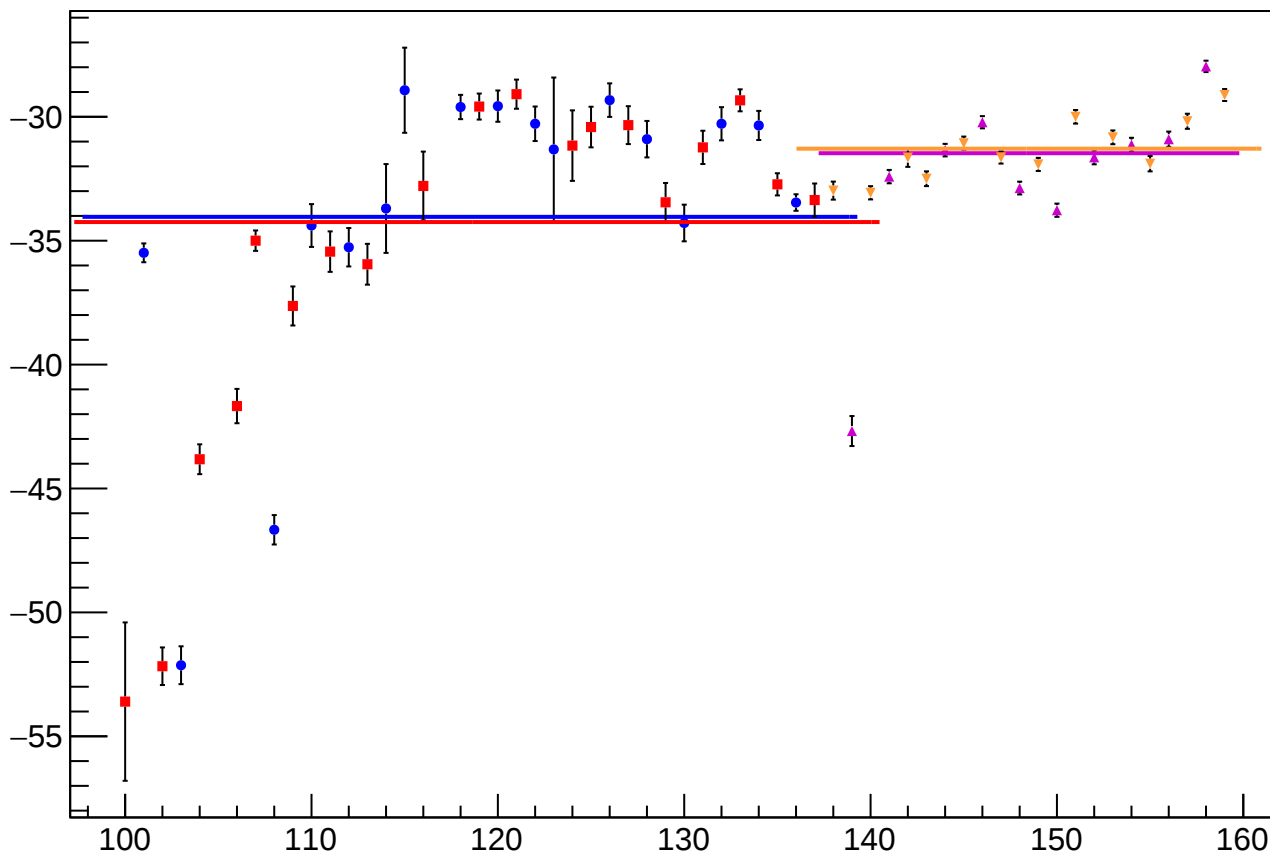
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.459+/-0.121 χ^2/NDF : 884.3/9

Out: -13.455+/-0.116 χ^2/NDF : 424.5/11

All: -12.979+/-0.084 χ^2/NDF : 1344.1/21

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -31.286 ± 0.082 $\chi^2/\text{NDF}: 213.8/11$

Right Out: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$

Left In: -31.470 ± 0.087 $\chi^2/\text{NDF}: 721.8/9$

Left: -31.373 ± 0.060 $\chi^2/\text{NDF}: 937.9/21$

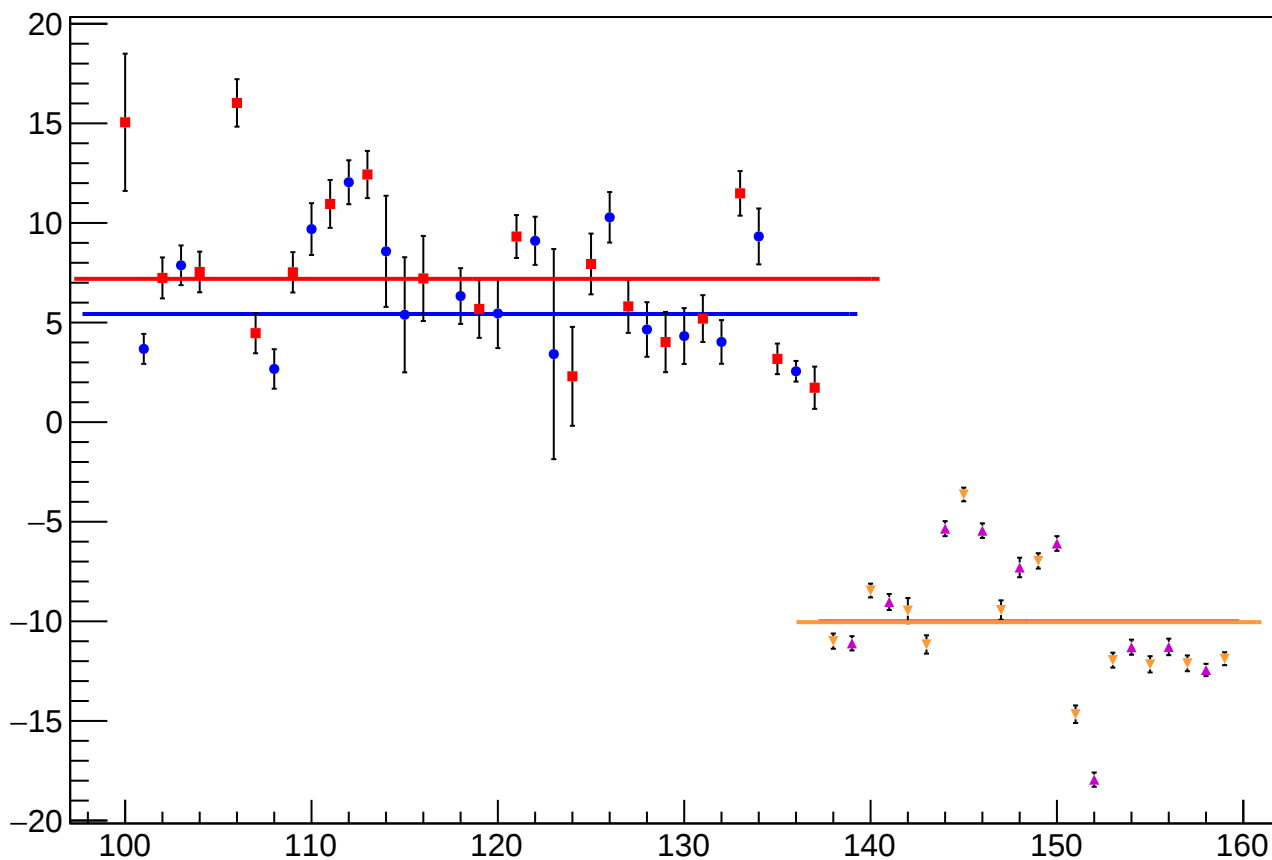
Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$

In: -32.110 ± 0.075 $\chi^2/\text{NDF}: 2282.3/26$

Out: -31.964 ± 0.072 $\chi^2/\text{NDF}: 1869.4/30$

All: -32.033 ± 0.052 $\chi^2/\text{NDF}: 4153.6/57$

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: -10.041 ± 0.115 $\chi^2/\text{NDF}: 670.6/11$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -10.003 ± 0.119 $\chi^2/\text{NDF}: 1036.6/9$

Left: -10.023 ± 0.083 $\chi^2/\text{NDF}: 1707.2/21$

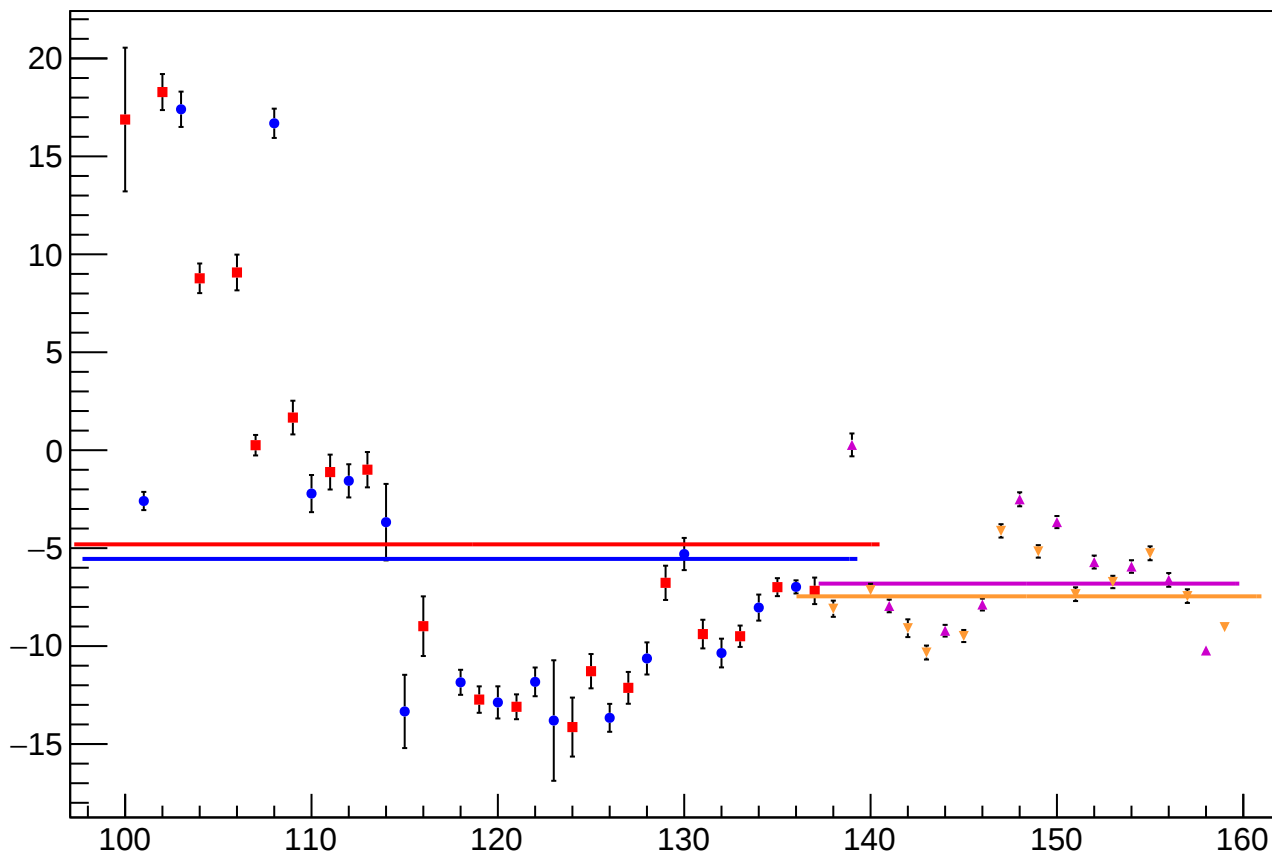
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -7.498 ± 0.109 $\chi^2/\text{NDF}: 3907.9/26$

Out: -7.469 ± 0.106 $\chi^2/\text{NDF}: 4218.4/30$

All: -7.483 ± 0.076 $\chi^2/\text{NDF}: 8126.4/57$

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: -7.460 ± 0.097 χ^2/NDF : 352.9/11

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.811 ± 0.102 χ^2/NDF : 700.8/9

Left: -7.152 ± 0.070 χ^2/NDF : 1075.1/21

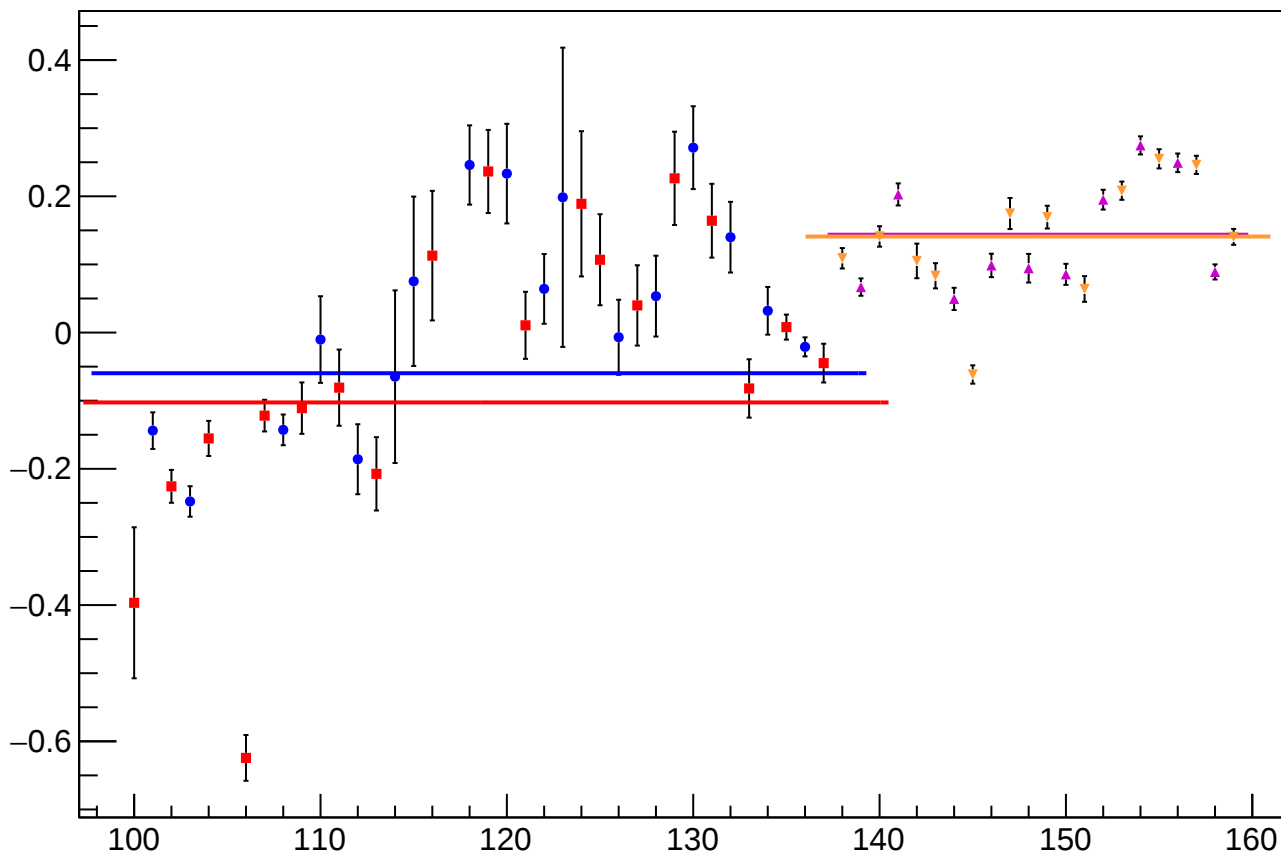
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.478 ± 0.087 χ^2/NDF : 2867.9/26

Out: -6.826 ± 0.084 χ^2/NDF : 2580.9/30

All: -6.658 ± 0.061 χ^2/NDF : 5456.9/57

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.141 ± 0.004 χ^2/NDF : 417.4/11

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.144 ± 0.005 χ^2/NDF : 303.7/9

Left: 0.142 ± 0.003 χ^2/NDF : 721.3/21

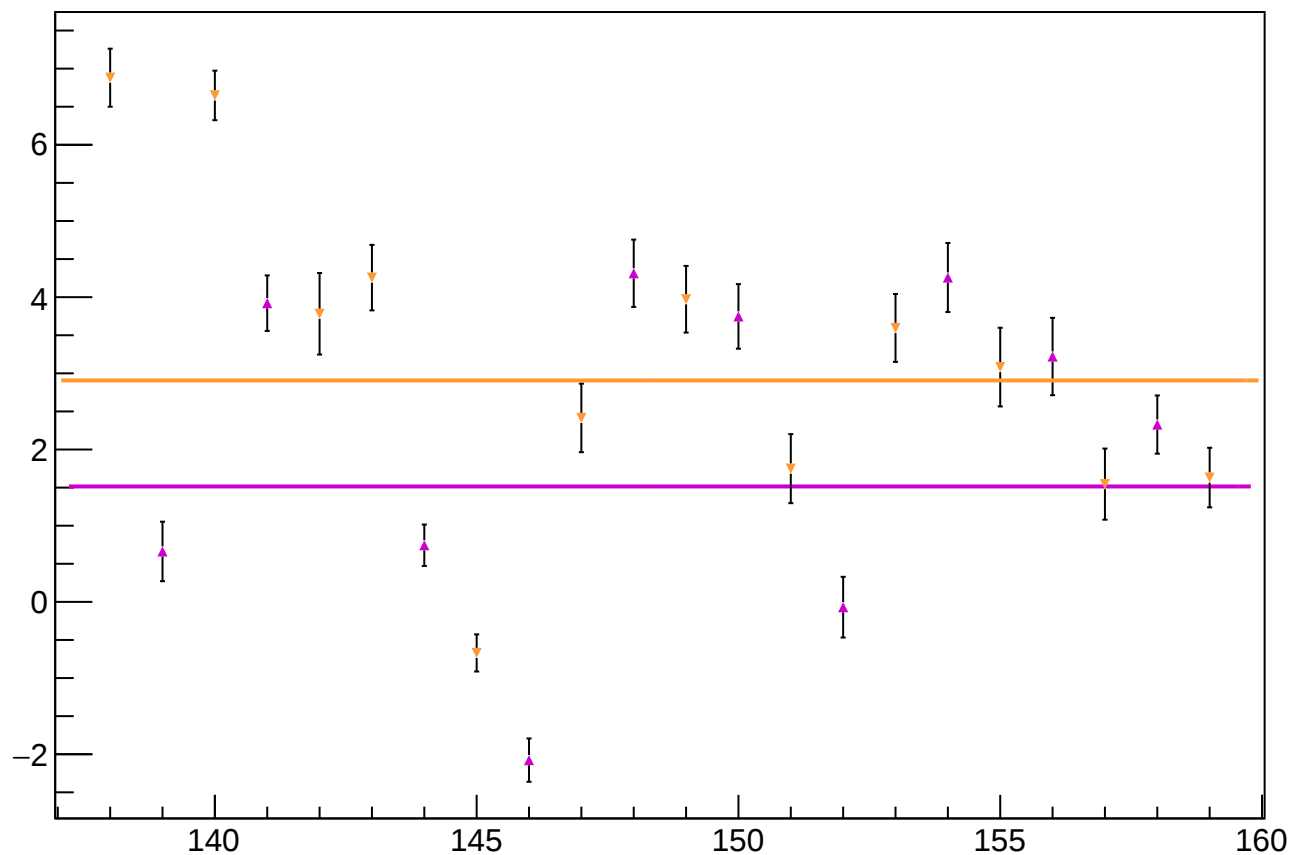
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.097 ± 0.004 χ^2/NDF : 971.7/26

Out: 0.088 ± 0.004 χ^2/NDF : 1507.7/30

All: 0.092 ± 0.003 χ^2/NDF : 2481.9/57

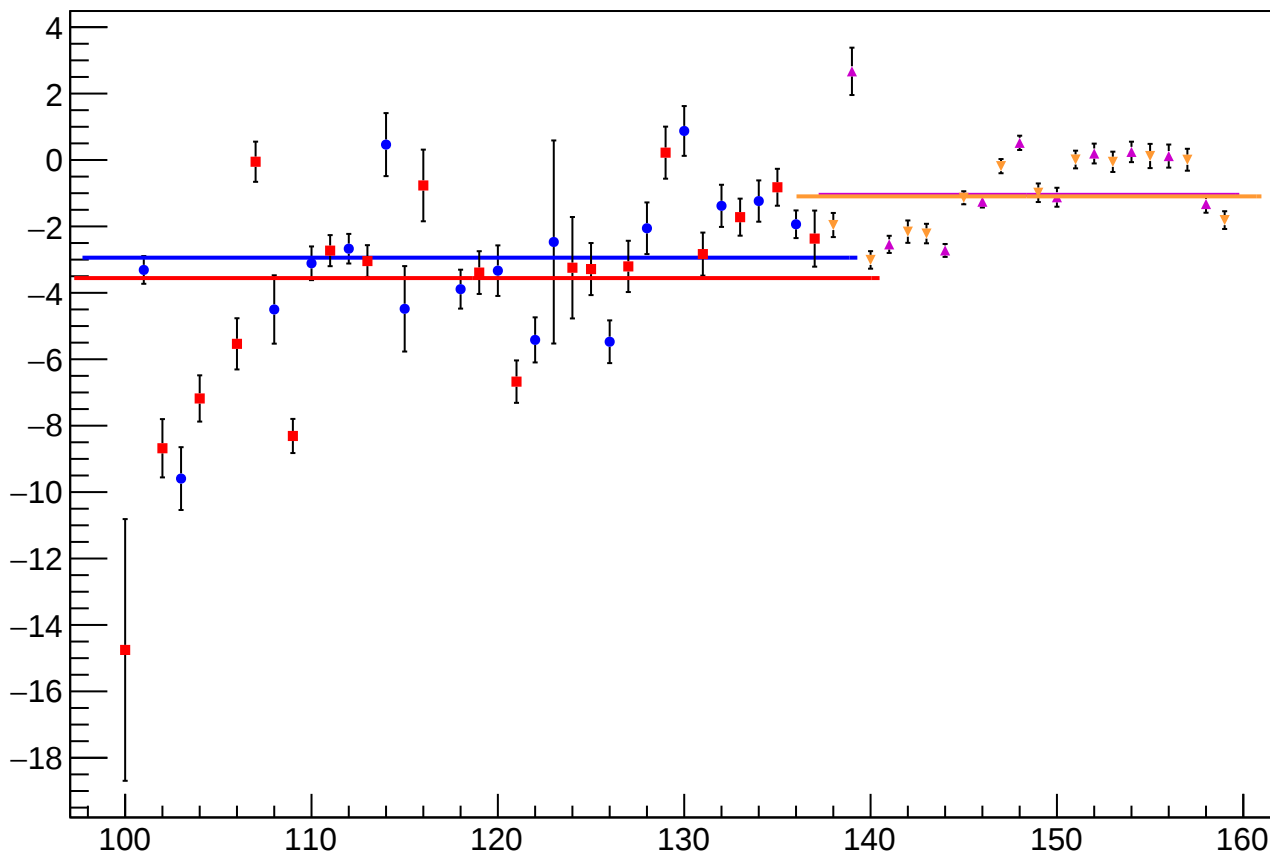
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.907+/-0.114 χ^2/NDF :504.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.515+/-0.117 χ^2/NDF :351.8/9

Left: 2.232+/-0.082 χ^2/NDF : 928.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.515+/-0.117 χ^2/NDF :351.8/9
 Out: 2.907+/-0.114 χ^2/NDF :504.0/11
 All: 2.232+/-0.082 χ^2/NDF : 928.2/21

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.096 ± 0.079 χ^2/NDF : 159.4/11

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.049 ± 0.080 χ^2/NDF : 236.3/9

Left: -1.073 ± 0.057 χ^2/NDF : 395.8/21

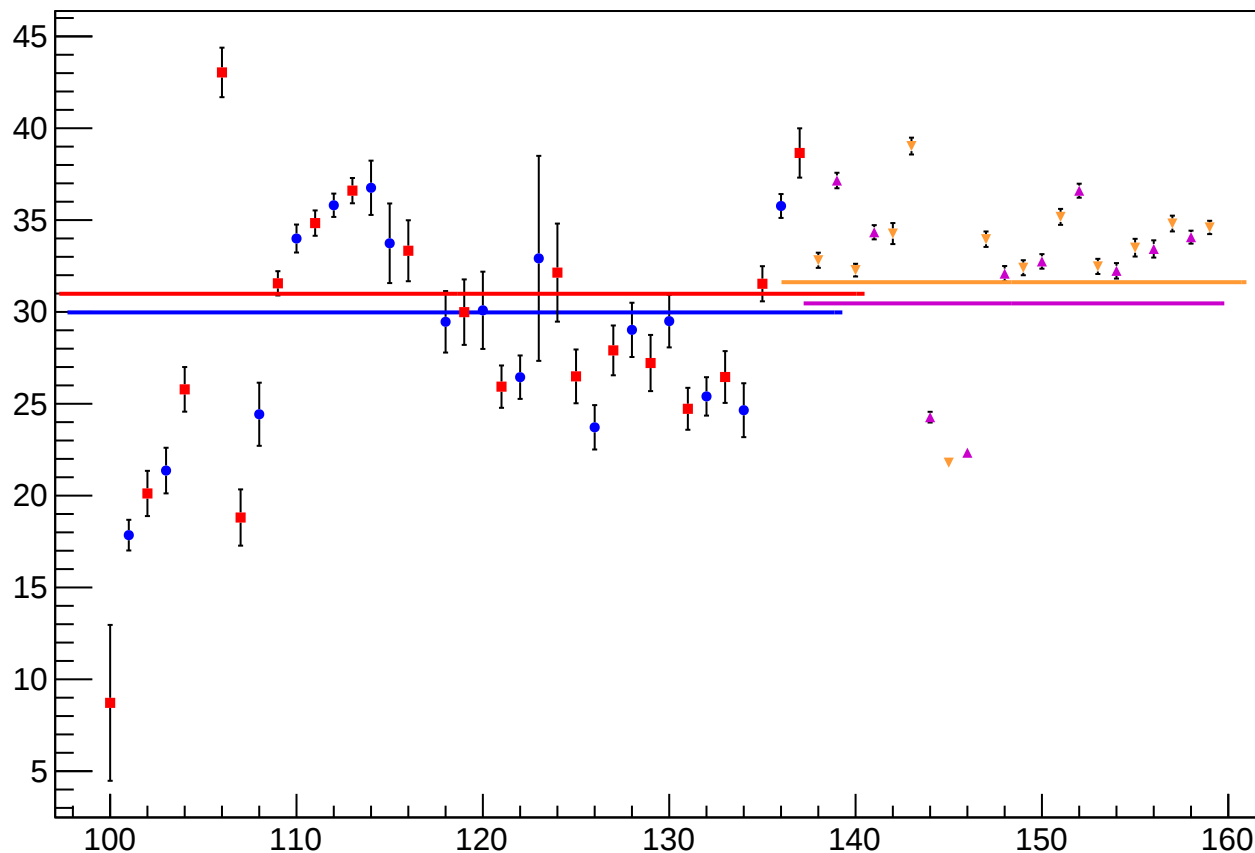
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.453 ± 0.071 χ^2/NDF : 500.3/26

Out: -1.610 ± 0.071 χ^2/NDF : 651.5/30

All: -1.532 ± 0.050 χ^2/NDF : 1154.2/57

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 31.619 $\pm$ 0.114 χ^2 /NDF: 1969.9/11

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 30.465 $\pm$ 0.116 χ^2 /NDF: 2157.2/9

Left: 31.051 $\pm$ 0.081 χ^2 /NDF: 4177.5/21

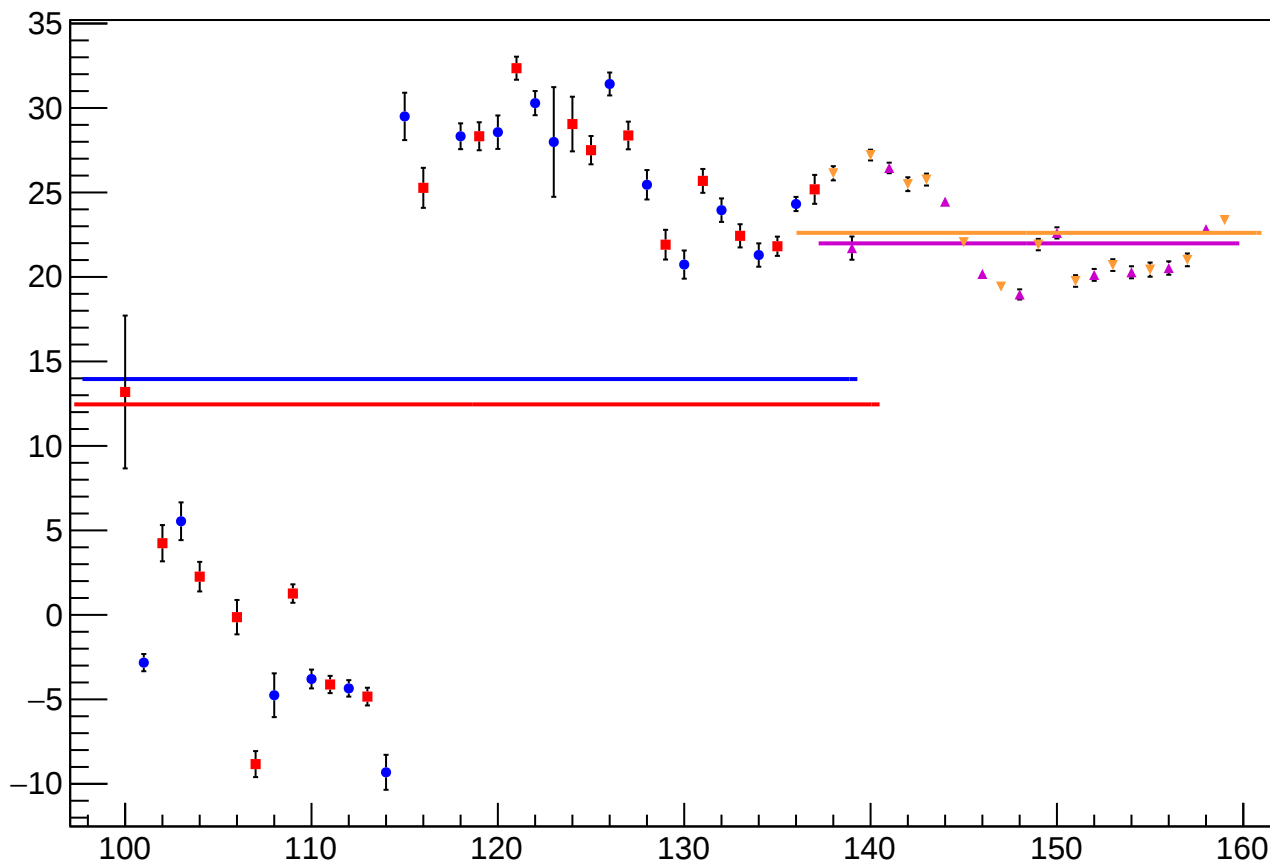
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 30.387 $\pm$ 0.106 χ^2 /NDF: 2713.9/26

Out: 31.517 $\pm$ 0.104 χ^2 /NDF: 2455.8/30

All: 30.962 $\pm$ 0.074 χ^2 /NDF: 5227.4/57

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: 22.611 $\pm$ 0.095 χ^2 /NDF:684.1/11

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 21.987 $\pm$ 0.096 χ^2 /NDF:565.8/9

Left: 22.304 $\pm$ 0.068 χ^2 /NDF: 1271.1/21

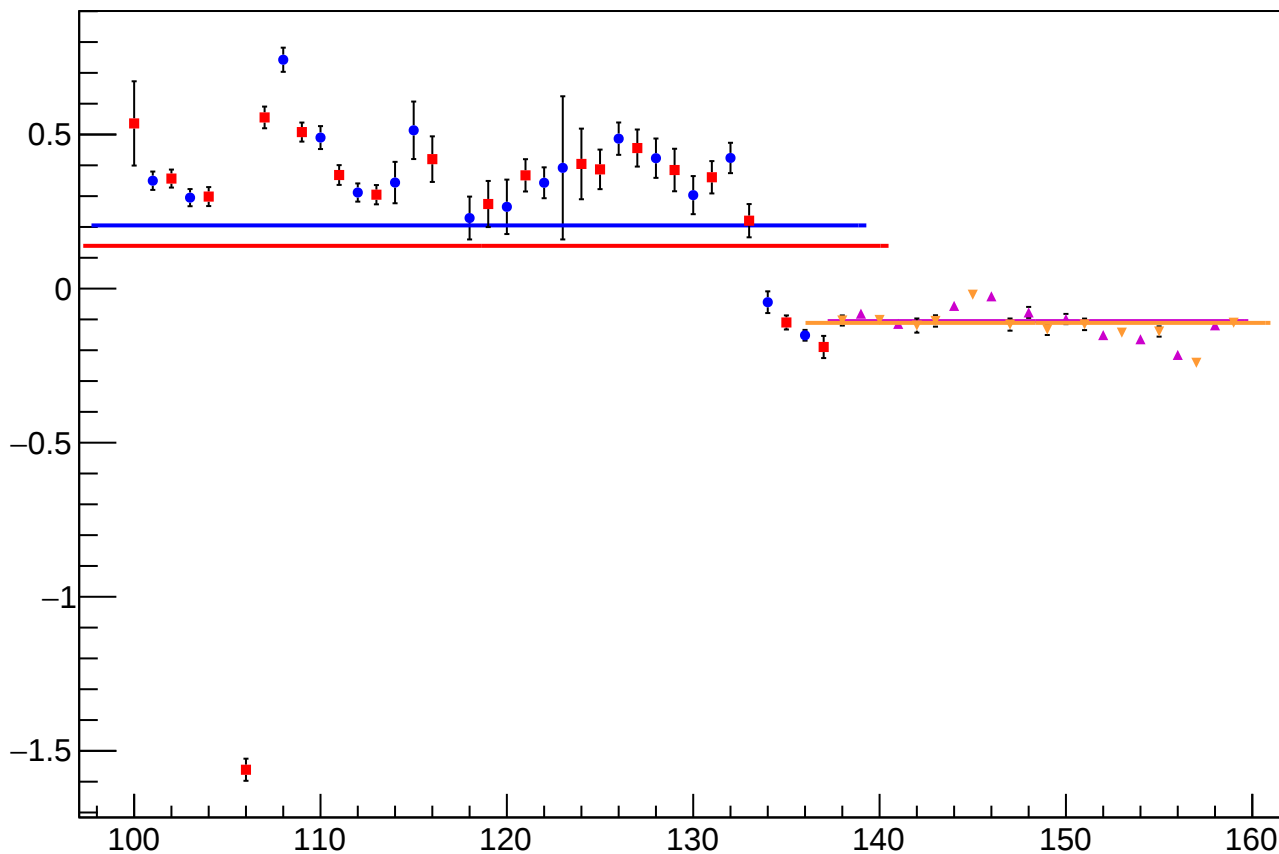
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 20.070 $\pm$ 0.084 χ^2 /NDF:9567.9/26

Out: 20.276 $\pm$ 0.083 χ^2 /NDF:10297.5/30

All: 20.174 $\pm$ 0.059 χ^2 /NDF: 19868.5/57

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.111 ± 0.004 $\chi^2/\text{NDF}: 170.4/11$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.106 ± 0.005 $\chi^2/\text{NDF}: 137.1/9$

Left: -0.108 ± 0.003 $\chi^2/\text{NDF}: 308.3/21$

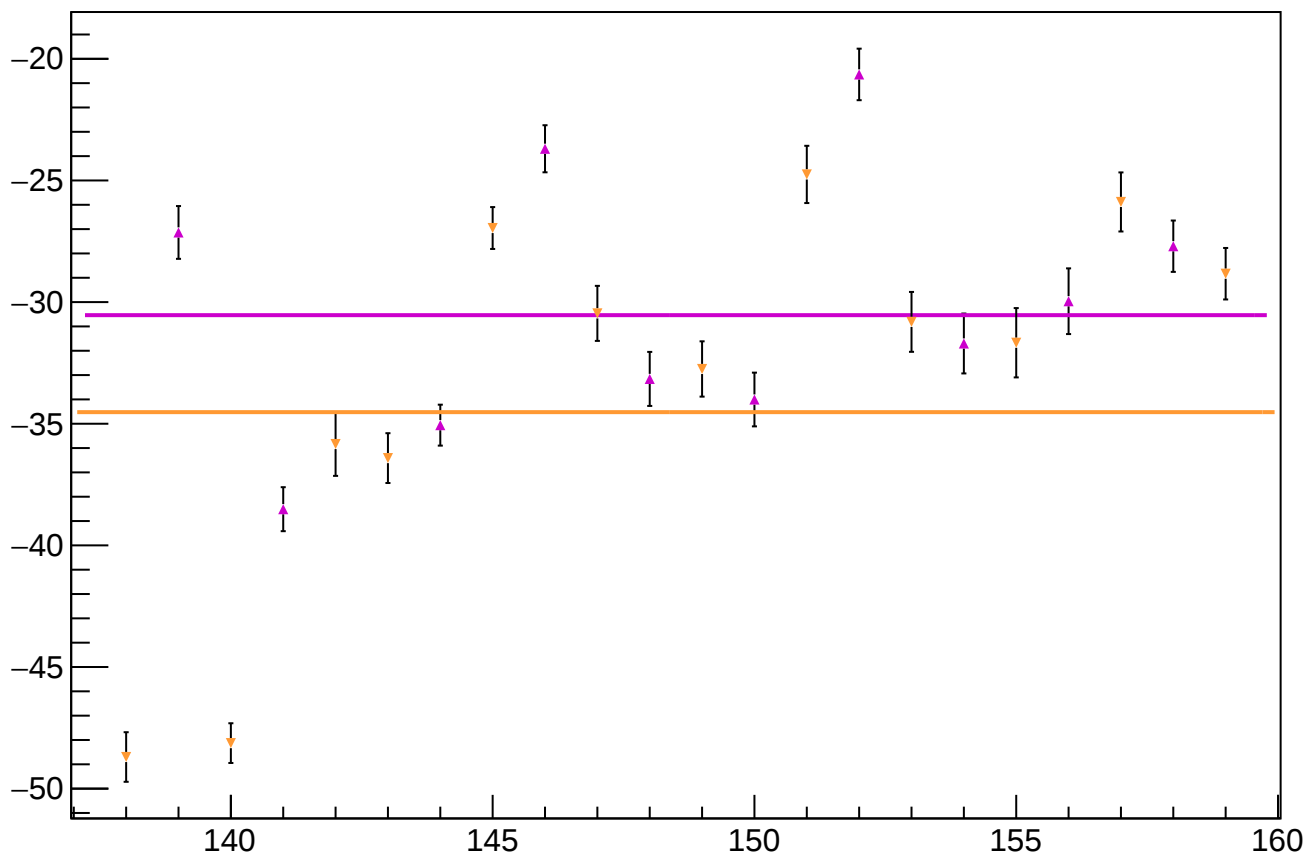
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.045 ± 0.004 $\chi^2/\text{NDF}: 1867.7/26$

Out: -0.063 ± 0.004 $\chi^2/\text{NDF}: 3784.6/30$

All: -0.054 ± 0.003 $\chi^2/\text{NDF}: 5662.5/57$

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: -34.524+/-0.311 χ^2/NDF :729.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.537+/-0.330 χ^2/NDF :277.5/9

Left: -32.649+/-0.226 χ^2/NDF : 1084.6/21

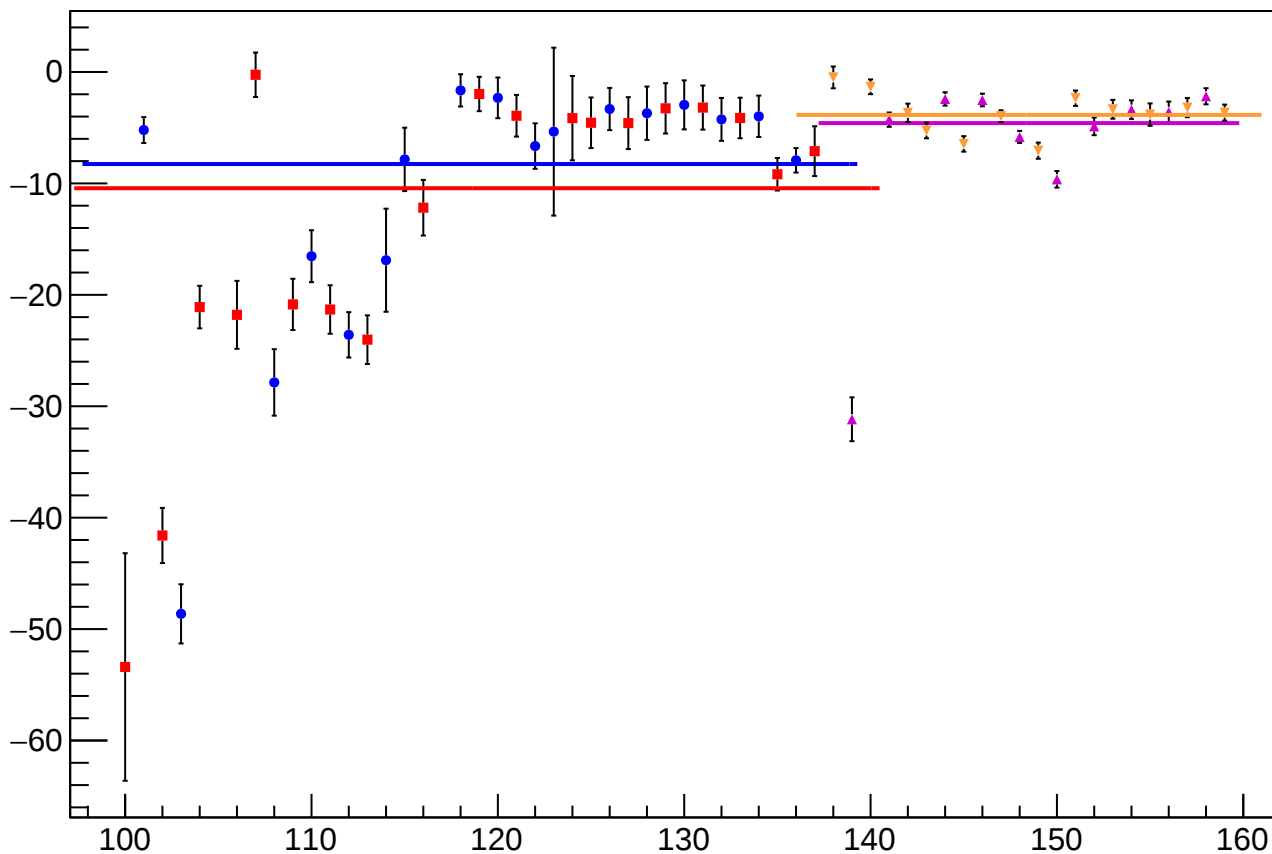
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.537+/-0.330 χ^2/NDF :277.5/9

Out: -34.524+/-0.311 χ^2/NDF :729.8/11

All: -32.649+/-0.226 χ^2/NDF : 1084.6/21

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: -3.852 ± 0.213 $\chi^2/\text{NDF}: 69.7/11$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -4.586 ± 0.224 $\chi^2/\text{NDF}: 274.4/9$

Left: -4.200 ± 0.154 $\chi^2/\text{NDF}: 349.8/21$

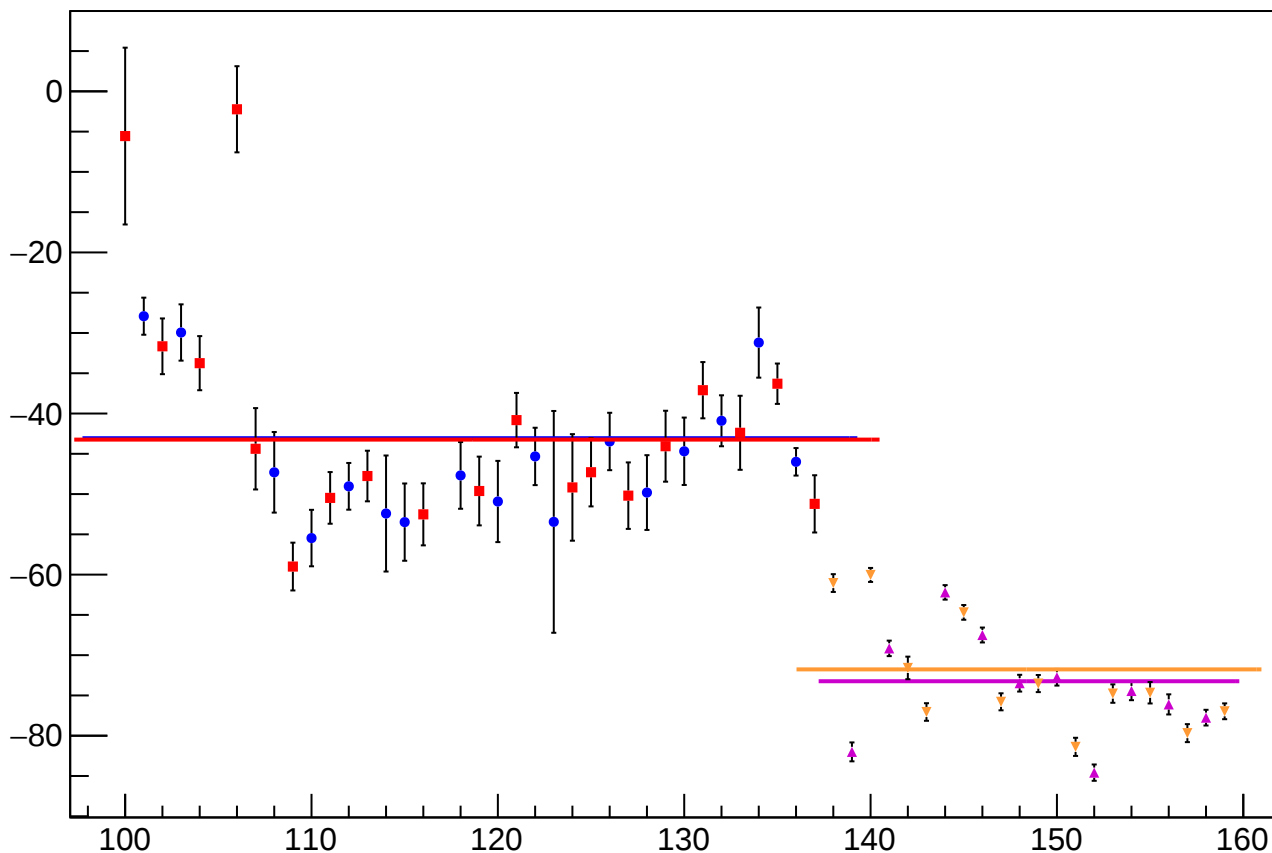
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -5.284 ± 0.202 $\chi^2/\text{NDF}: 737.5/26$

Out: -4.896 ± 0.195 $\chi^2/\text{NDF}: 649.8/30$

All: -5.084 ± 0.140 $\chi^2/\text{NDF}: 1389.1/57$

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: -71.765 ± 0.310 $\chi^2/\text{NDF}: 539.5/11$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -73.236 ± 0.324 $\chi^2/\text{NDF}: 416.0/9$

Left: -72.467 ± 0.224 $\chi^2/\text{NDF}: 966.2/21$

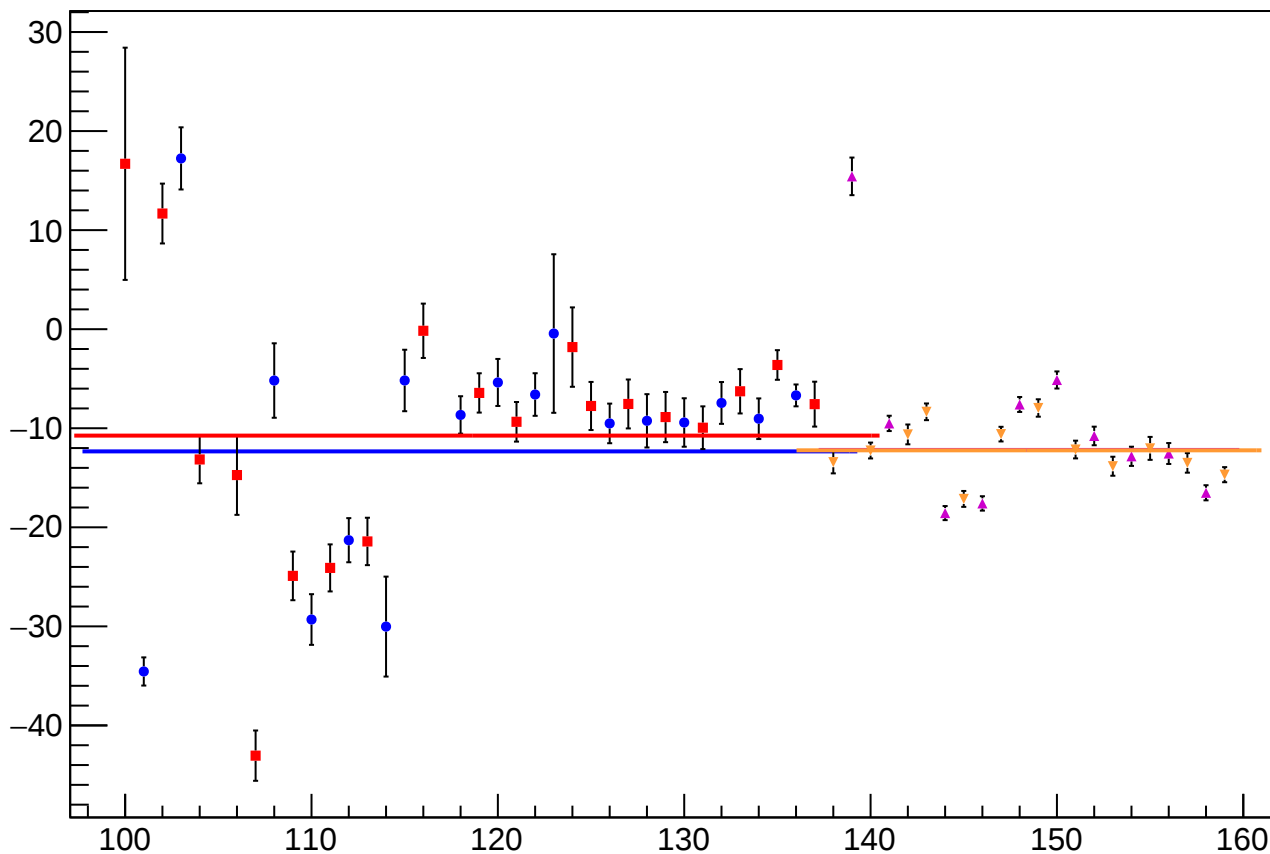
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -69.281 ± 0.302 $\chi^2/\text{NDF}: 1648.7/26$

Out: -68.531 ± 0.292 $\chi^2/\text{NDF}: 1655.8/30$

All: -68.892 ± 0.210 $\chi^2/\text{NDF}: 3307.6/57$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -12.229 ± 0.256 $\chi^2/\text{NDF}: 105.8/11$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -12.190 ± 0.270 $\chi^2/\text{NDF}: 498.1/9$

Left: -12.210 ± 0.186 $\chi^2/\text{NDF}: 603.9/21$

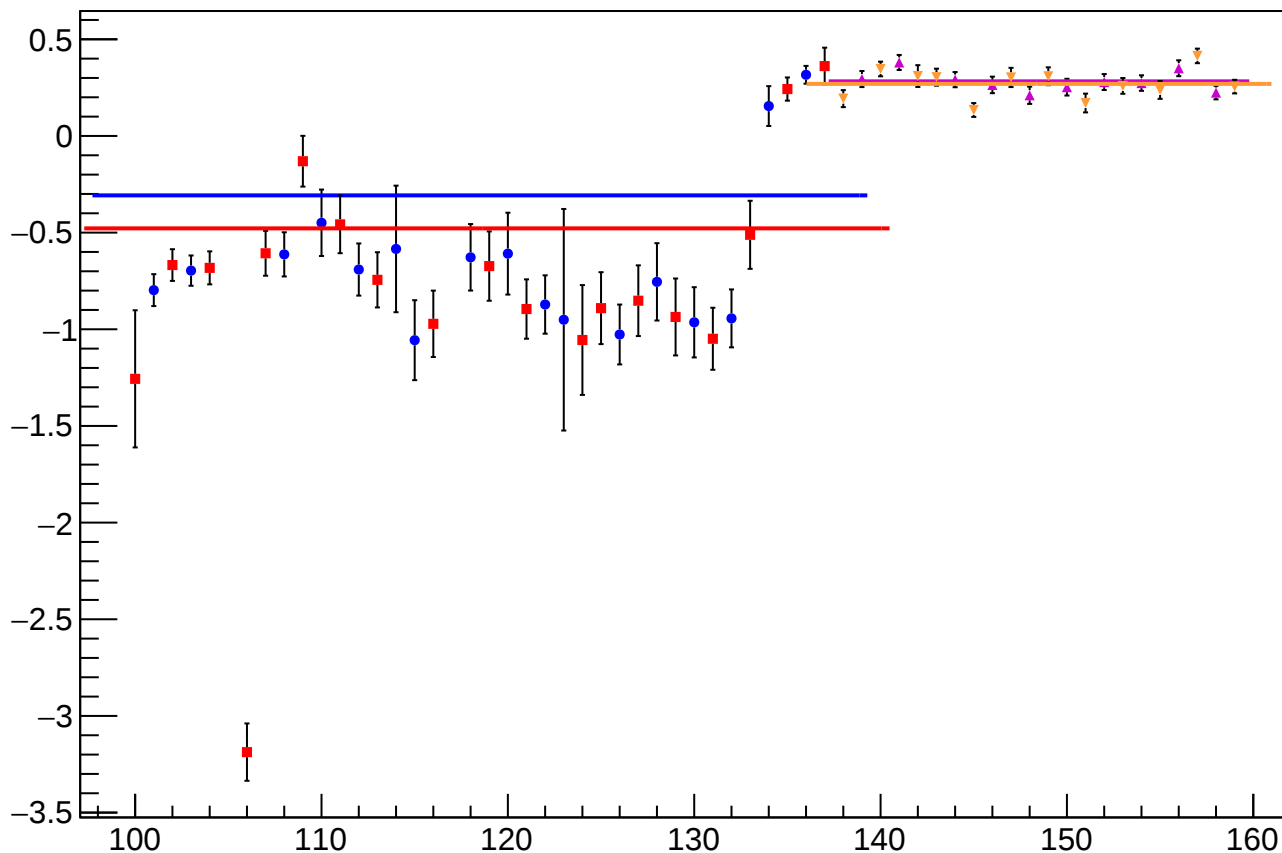
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -12.221 ± 0.240 $\chi^2/\text{NDF}: 973.4/26$

Out: -11.966 ± 0.232 $\chi^2/\text{NDF}: 478.6/30$

All: -12.090 ± 0.167 $\chi^2/\text{NDF}: 1452.5/57$

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: 0.269 ± 0.012 χ^2/NDF : 43.2/11

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.282 ± 0.013 χ^2/NDF : 15.2/9

Left: 0.276 ± 0.009 χ^2/NDF : 59.0/21

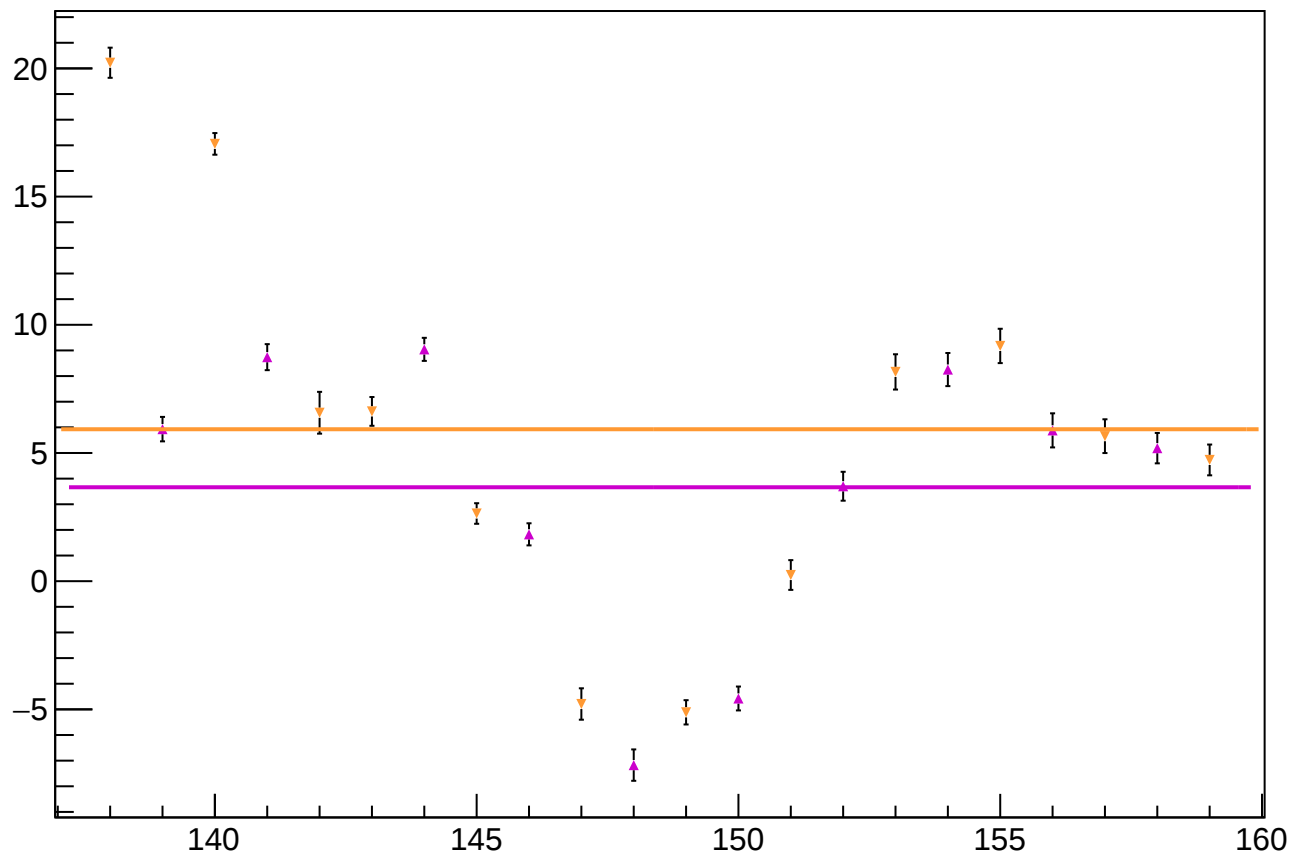
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.177 ± 0.012 χ^2/NDF : 764.7/26

Out: 0.153 ± 0.011 χ^2/NDF : 1254.5/30

All: 0.165 ± 0.008 χ^2/NDF : 2021.4/57

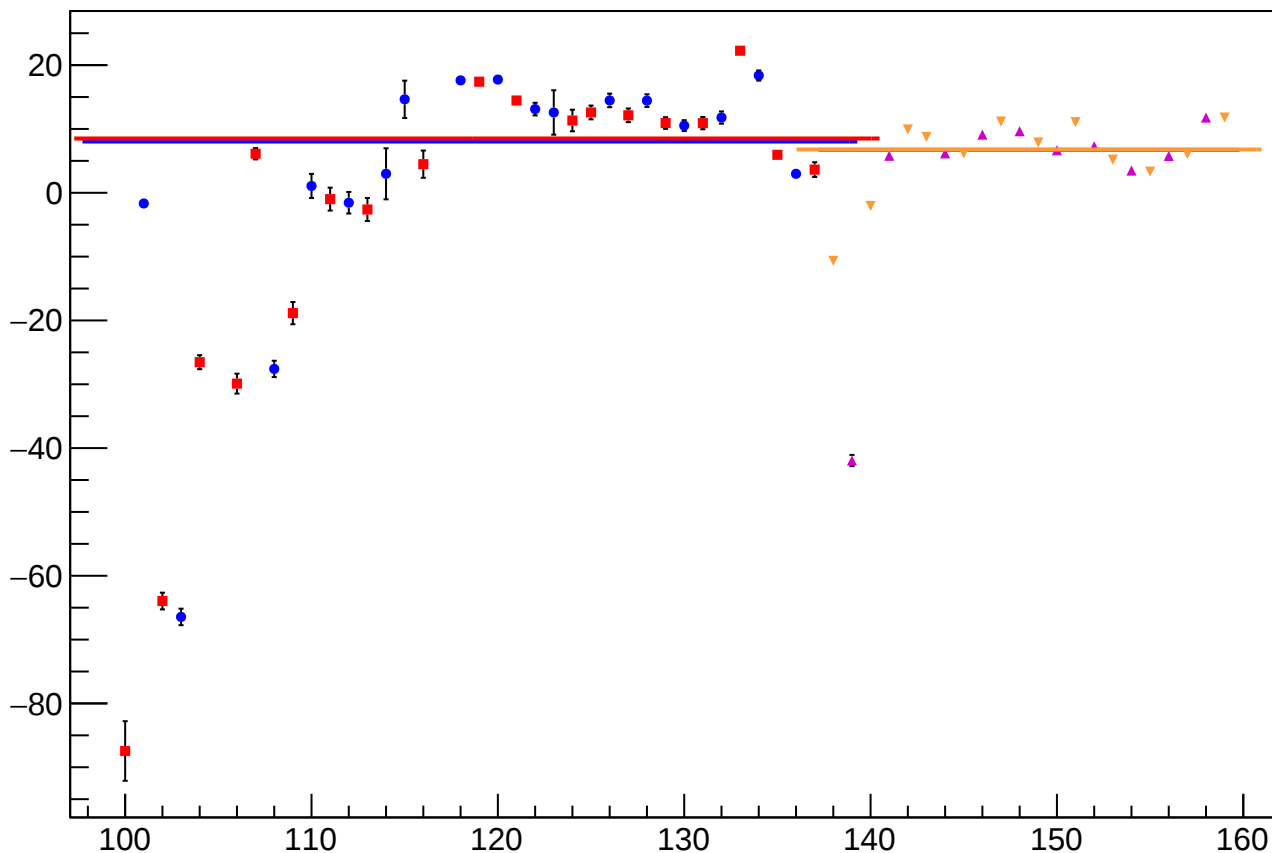
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.926+/-0.160 χ^2/NDF :2339.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.663+/-0.165 χ^2/NDF :978.3/9

Left: 4.830+/-0.115 χ^2/NDF : 3414.7/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.663+/-0.165 χ^2/NDF :978.3/9
 Out: 5.926+/-0.160 χ^2/NDF :2339.9/11
 All: 4.830+/-0.115 χ^2/NDF : 3414.7/21

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 6.780 ± 0.111 $\chi^2/\text{NDF}: 2164.0/11$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 6.724 ± 0.116 $\chi^2/\text{NDF}: 3453.9/9$

Left: 6.753 ± 0.080 $\chi^2/\text{NDF}: 5618.0/21$

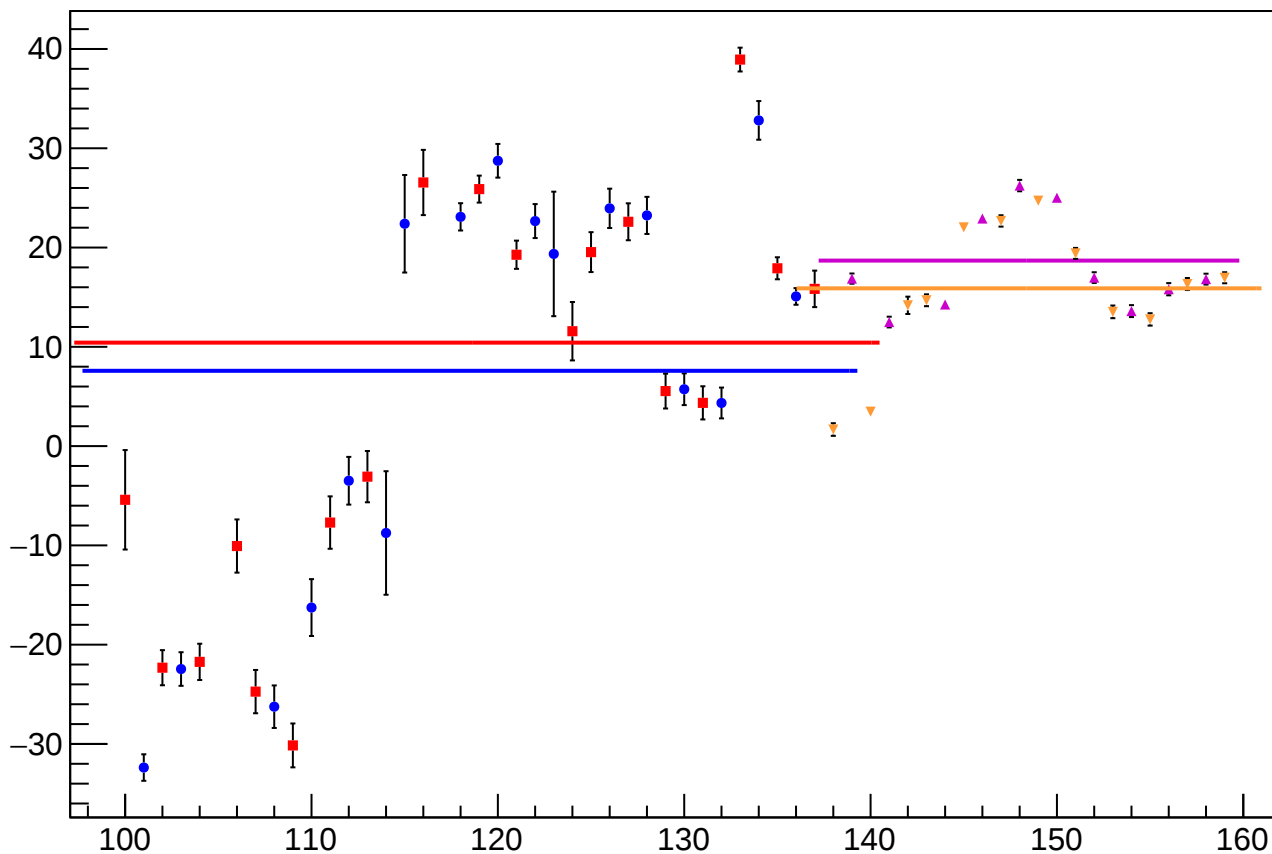
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 7.020 ± 0.102 $\chi^2/\text{NDF}: 8852.9/26$

Out: 7.151 ± 0.099 $\chi^2/\text{NDF}: 8929.0/30$

All: 7.088 ± 0.071 $\chi^2/\text{NDF}: 17782.8/57$

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: 15.892 ± 0.159 χ^2/NDF : 2099.7/11

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 18.686 ± 0.163 χ^2/NDF : 832.8/9

Left: 17.260 ± 0.114 χ^2/NDF : 3083.2/21

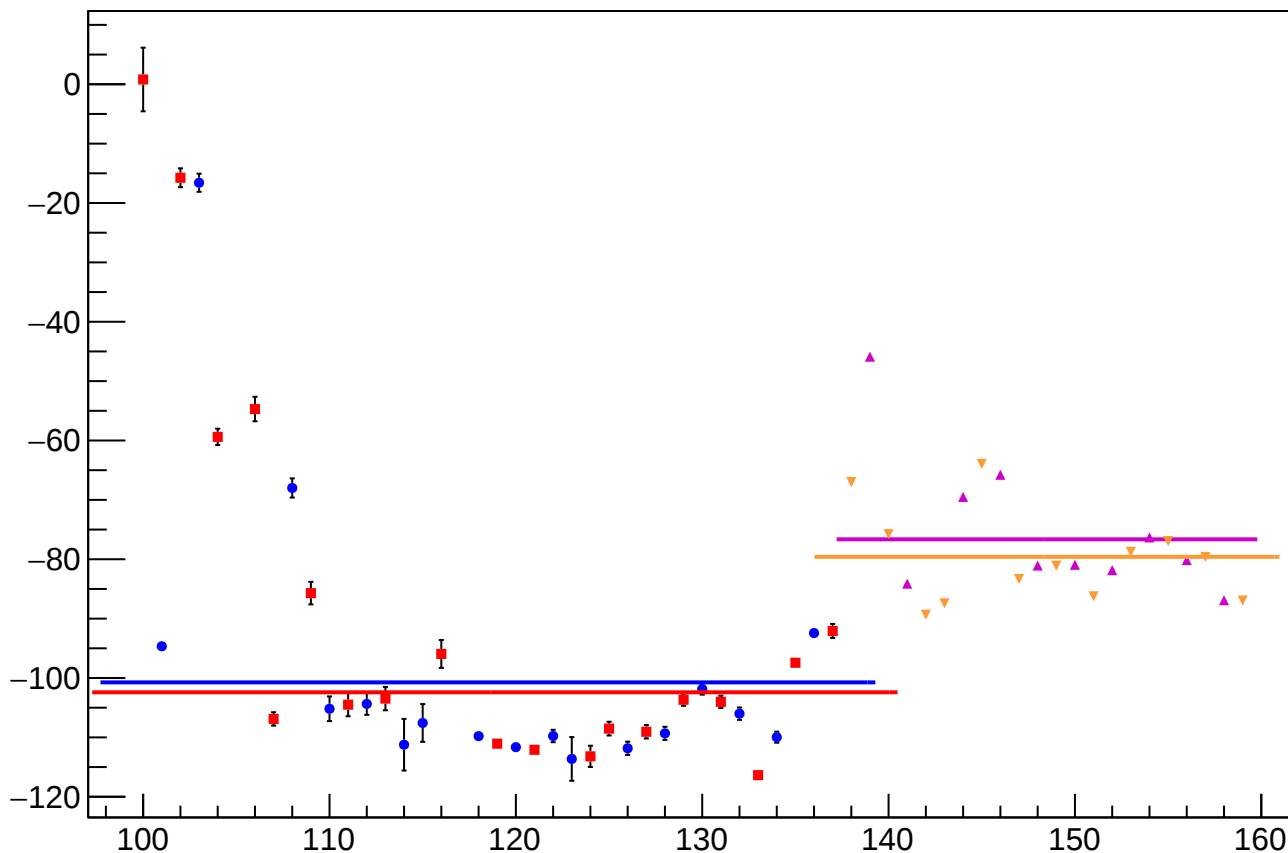
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.216 ± 0.151 χ^2/NDF : 3772.5/26

Out: 15.194 ± 0.149 χ^2/NDF : 4540.0/30

All: 16.187 ± 0.106 χ^2/NDF : 8403.4/57

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -79.593 ± 0.133 $\chi^2/\text{NDF}: 3306.6/11$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -76.643 ± 0.139 $\chi^2/\text{NDF}: 3936.2/9$

Left: -78.175 ± 0.096 $\chi^2/\text{NDF}: 7478.2/21$

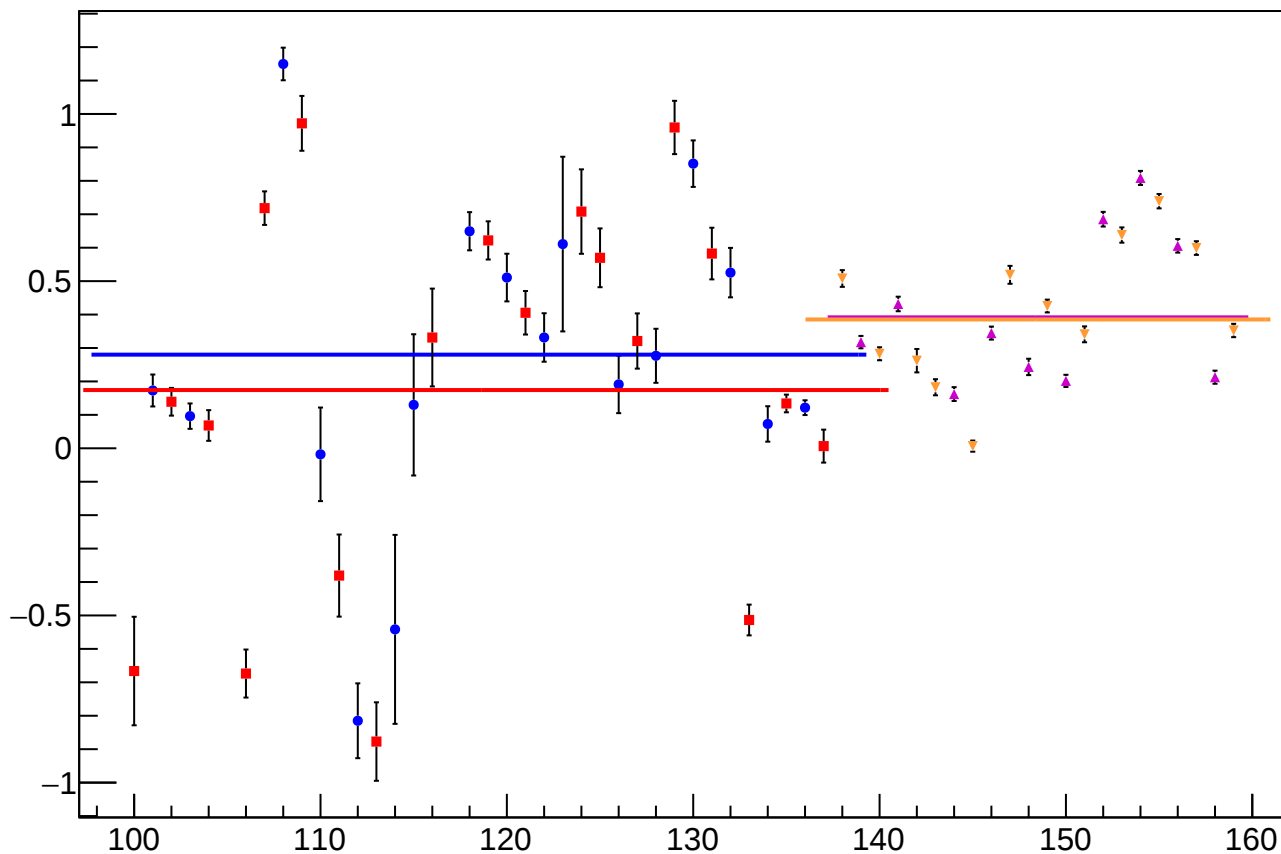
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -82.362 ± 0.121 $\chi^2/\text{NDF}: 15636.6/26$

Out: -84.772 ± 0.117 $\chi^2/\text{NDF}: 16051.2/30$

All: -83.606 ± 0.084 $\chi^2/\text{NDF}: 31892.8/57$

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: 0.385 ± 0.006 χ^2/NDF : 1188.7/11

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.392 ± 0.006 χ^2/NDF : 1059.7/9

Left: 0.388 ± 0.005 χ^2/NDF : 2248.8/21

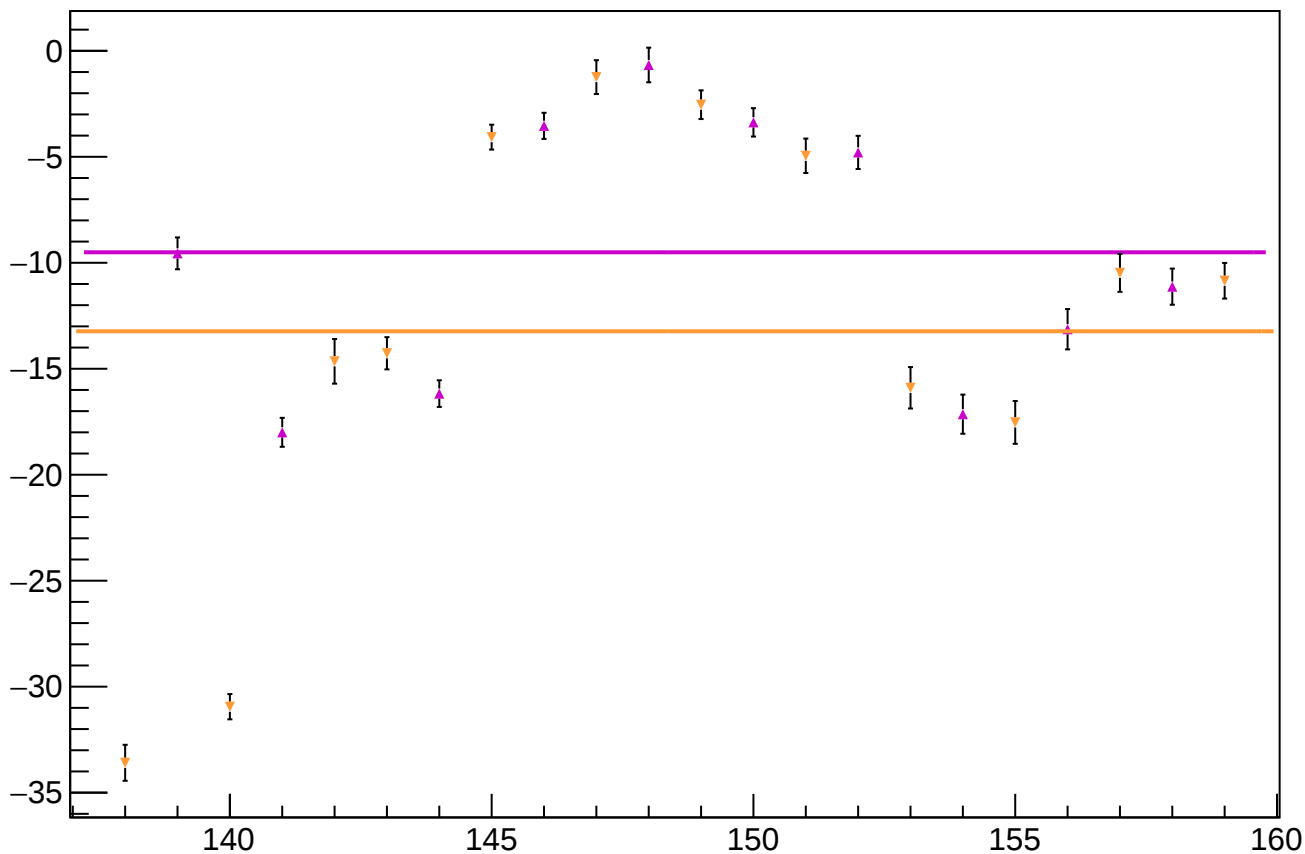
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.371 ± 0.006 χ^2/NDF : 1771.8/26

Out: 0.347 ± 0.006 χ^2/NDF : 2355.2/30

All: 0.359 ± 0.004 χ^2/NDF : 4135.4/57

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: -13.231+/-0.225 χ^2/NDF :2328.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.505+/-0.235 χ^2/NDF :684.6/9

Left: -11.447+/-0.163 χ^2/NDF : 3143.6/21

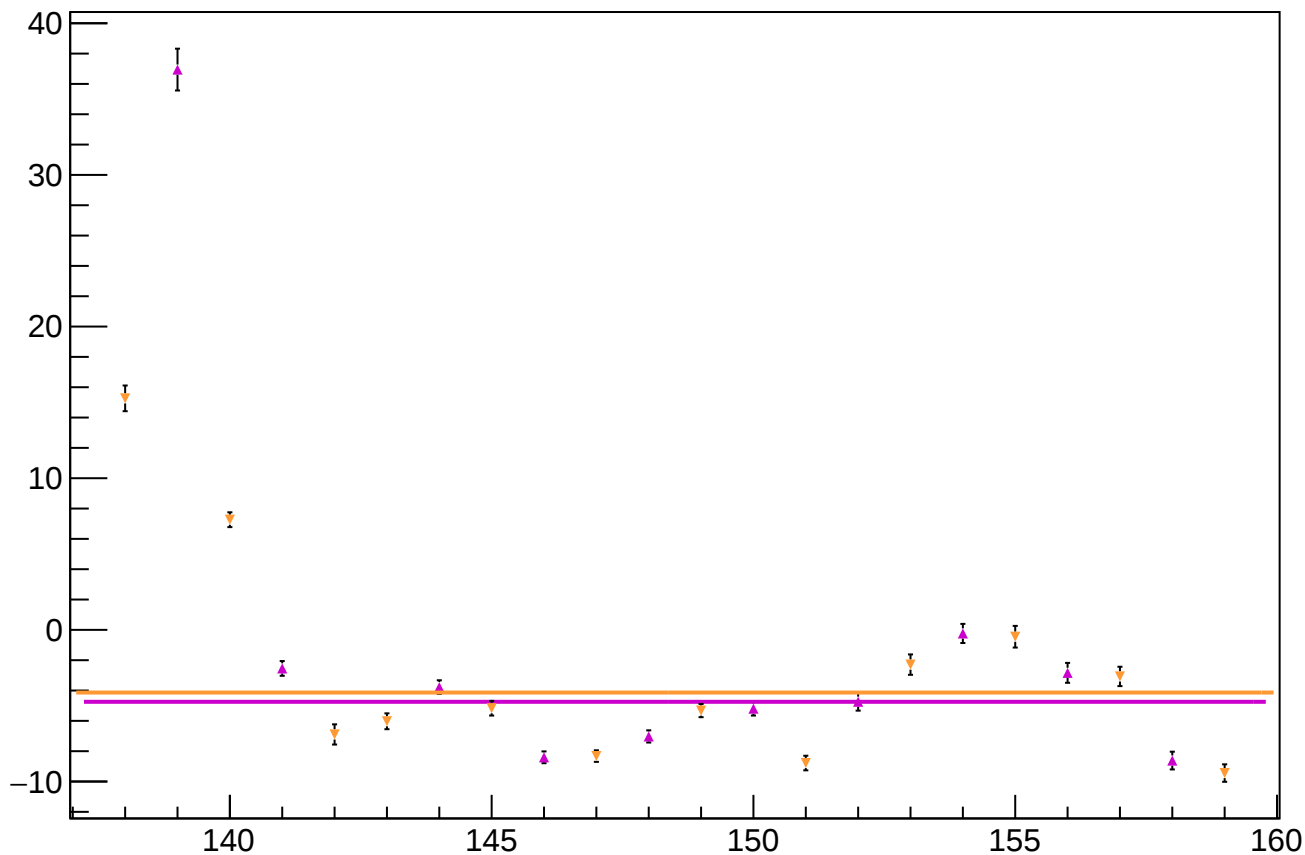
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.505+/-0.235 χ^2/NDF :684.6/9

Out: -13.231+/-0.225 χ^2/NDF :2328.0/11

All: -11.447+/-0.163 χ^2/NDF : 3143.6/21

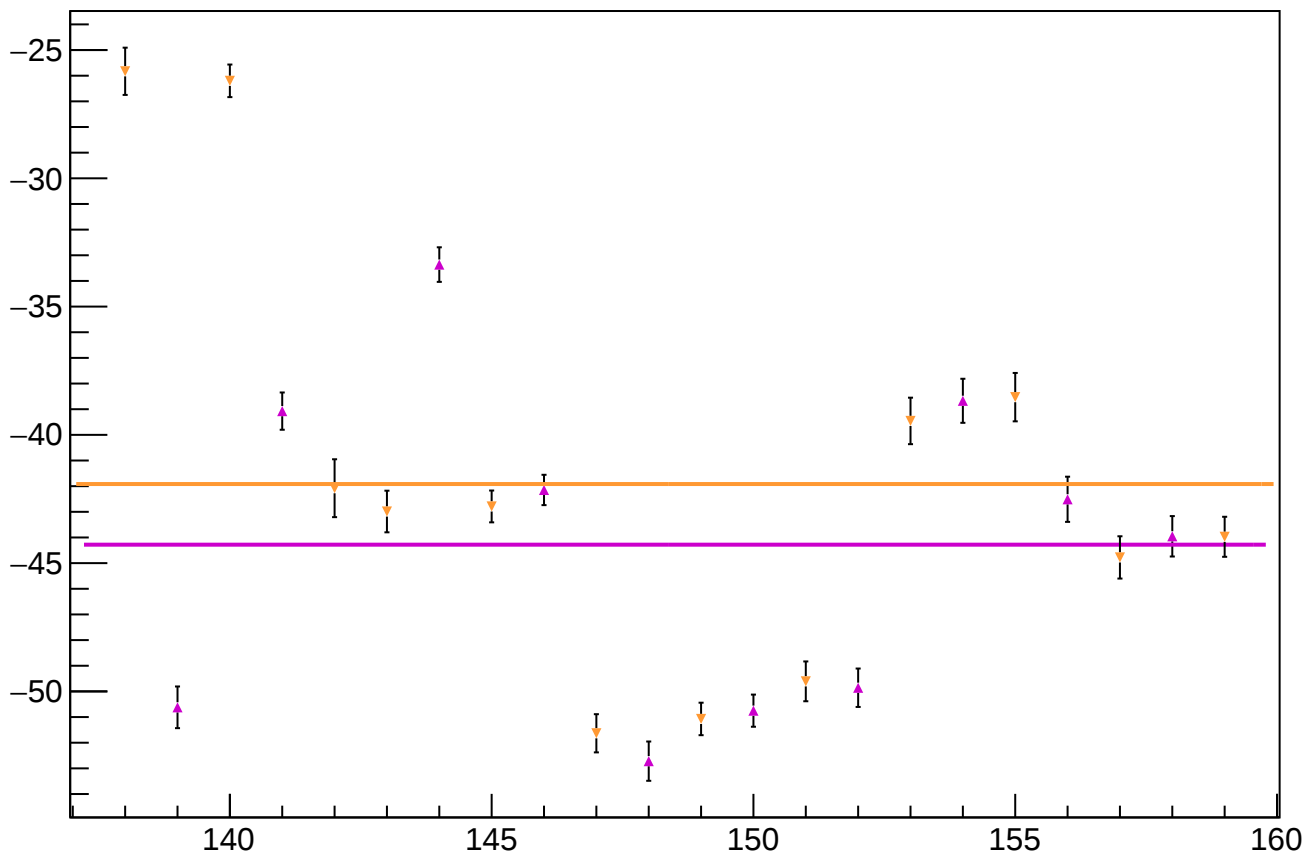
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.133+/-0.155 χ^2/NDF :1446.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.744+/-0.162 χ^2/NDF :1164.0/9

Left: -4.423+/-0.112 χ^2/NDF : 2617.5/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.744+/-0.162 χ^2/NDF :1164.0/9
 Out: -4.133+/-0.155 χ^2/NDF :1446.1/11
 All: -4.423+/-0.112 χ^2/NDF : 2617.5/21

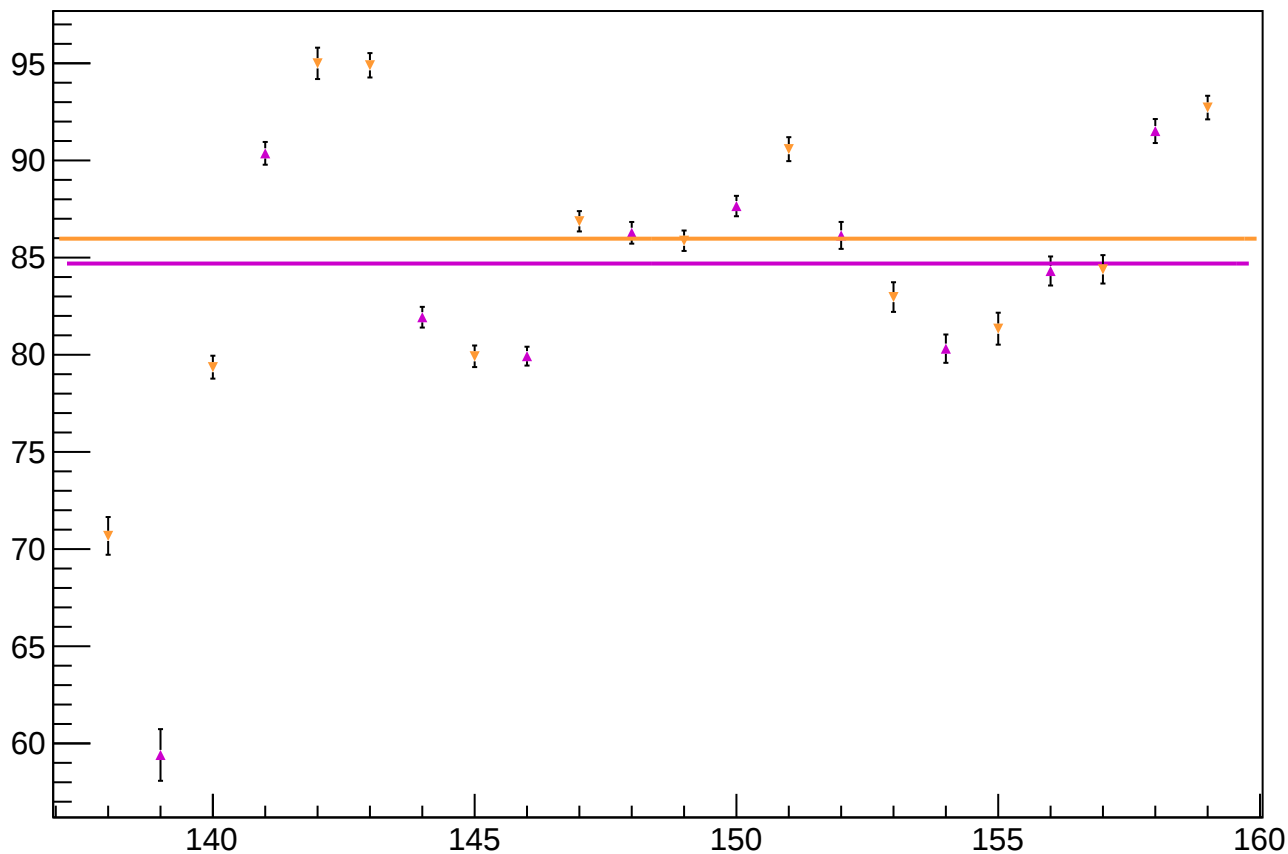
reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.917+/-0.224 χ^2/NDF :1438.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.281+/-0.231 χ^2/NDF :718.2/9

Left: -43.062+/-0.161 χ^2/NDF : 2211.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -44.281+/-0.231 χ^2/NDF :718.2/9
 Out: -41.917+/-0.224 χ^2/NDF :1438.9/11
 All: -43.062+/-0.161 χ^2/NDF : 2211.1/21

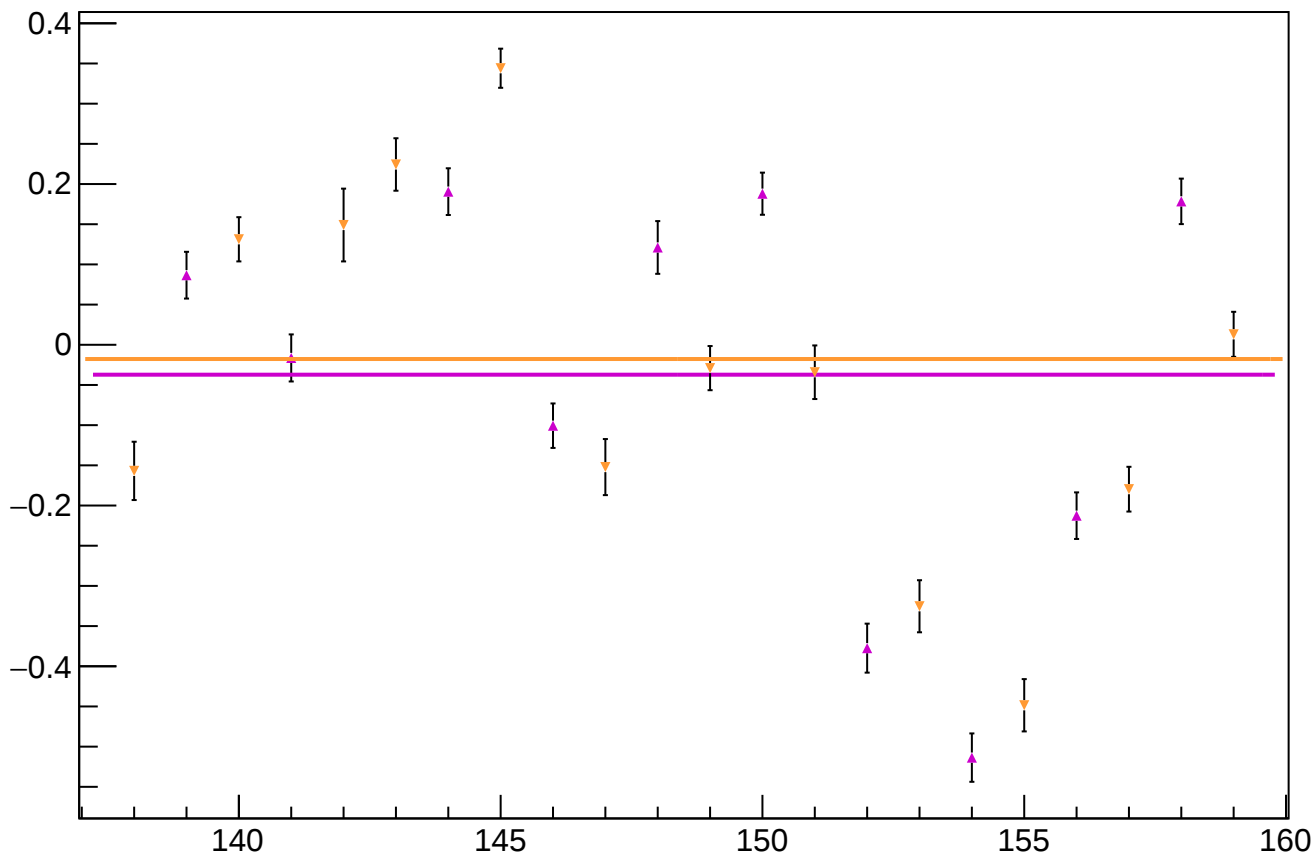
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.974+/-0.186 χ^2/NDF :1054.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.694+/-0.194 χ^2/NDF :781.3/9

Left: 85.363+/-0.134 χ^2/NDF : 1858.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.694+/-0.194 χ^2/NDF :781.3/9
 Out: 85.974+/-0.186 χ^2/NDF :1054.1/11
 All: 85.363+/-0.134 χ^2/NDF : 1858.1/21

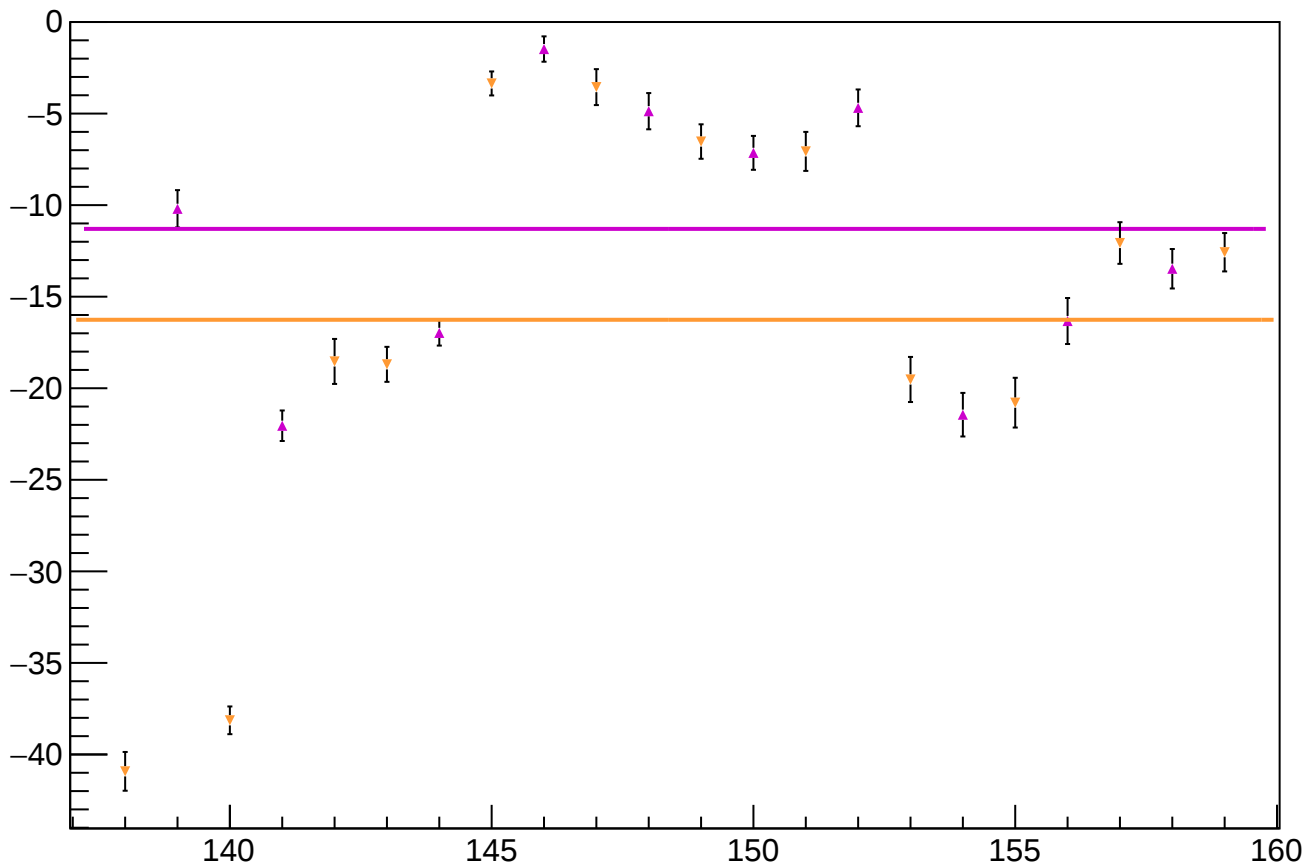
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.018+/-0.009 χ^2/NDF : 649.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.037+/-0.009 χ^2/NDF : 652.4/9

Left: -0.027+/-0.006 χ^2/NDF : 1304.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.037+/-0.009 χ^2/NDF : 652.4/9
 Out: -0.018+/-0.009 χ^2/NDF : 649.3/11
 All: -0.027+/-0.006 χ^2/NDF : 1304.0/21

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -16.261 ± 0.281 χ^2/NDF : 2169.3/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -11.298 ± 0.289 χ^2/NDF : 634.5/9

Left: -13.851 ± 0.202 χ^2/NDF : 2955.2/21

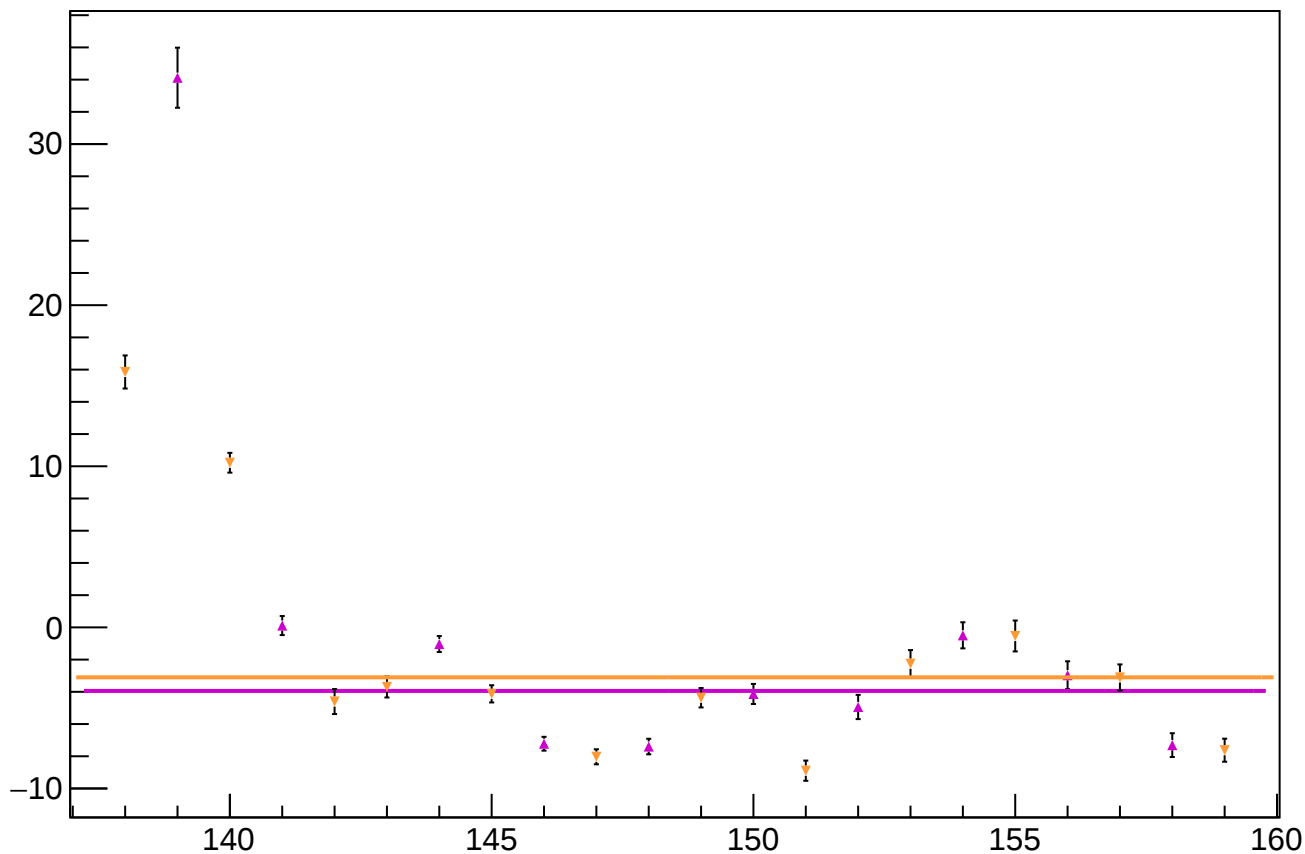
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.298 ± 0.289 χ^2/NDF : 634.5/9

Out: -16.261 ± 0.281 χ^2/NDF : 2169.3/11

All: -13.851 ± 0.202 χ^2/NDF : 2955.2/21

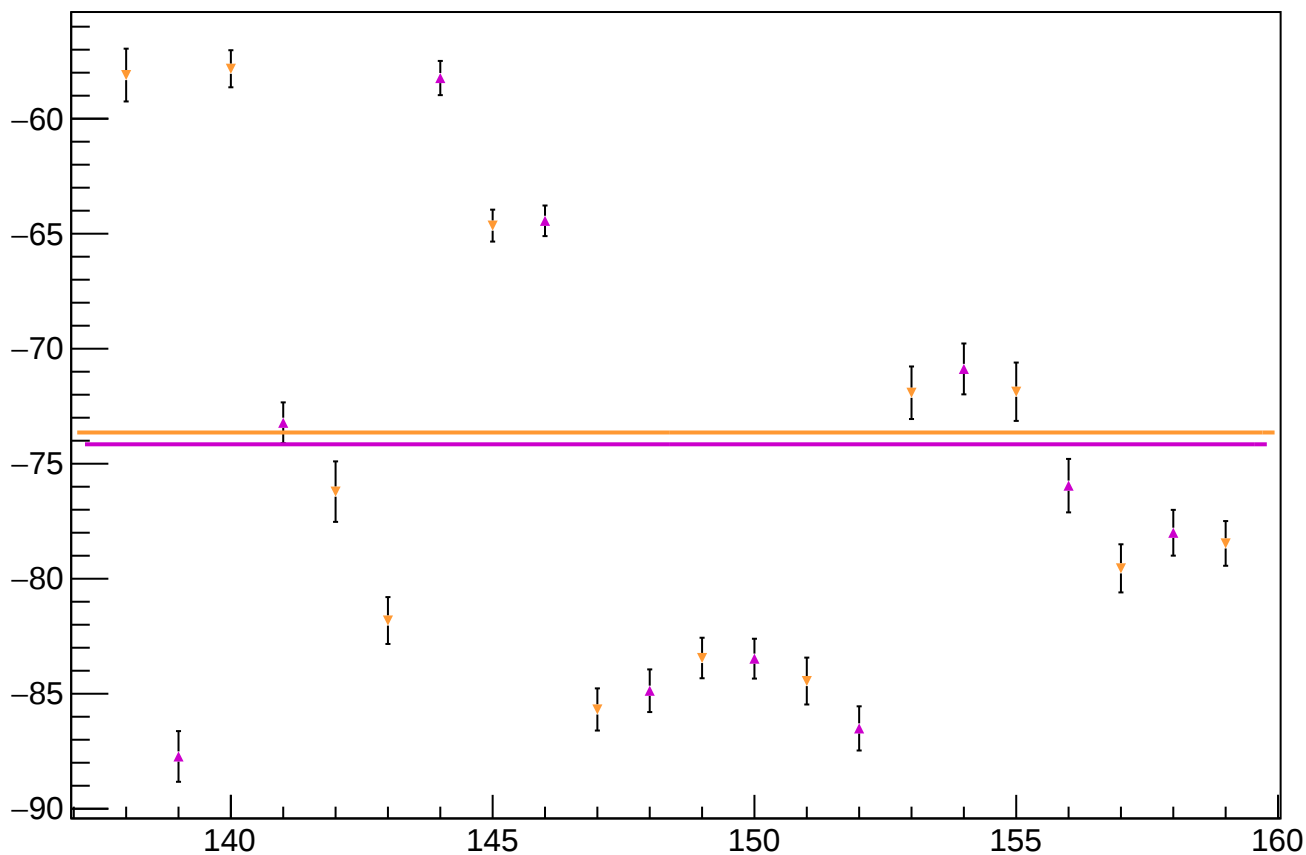
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.100+/-0.193 χ^2/NDF :1068.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.945+/-0.196 χ^2/NDF :649.9/9

Left: -3.515+/-0.137 χ^2/NDF : 1727.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.945+/-0.196 χ^2/NDF :649.9/9
 Out: -3.100+/-0.193 χ^2/NDF :1068.3/11
 All: -3.515+/-0.137 χ^2/NDF : 1727.6/21

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.643+/-0.280 χ^2/NDF :1274.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.156+/-0.285 χ^2/NDF :1265.6/9

Left: -73.895+/-0.200 χ^2/NDF : 2541.4/21

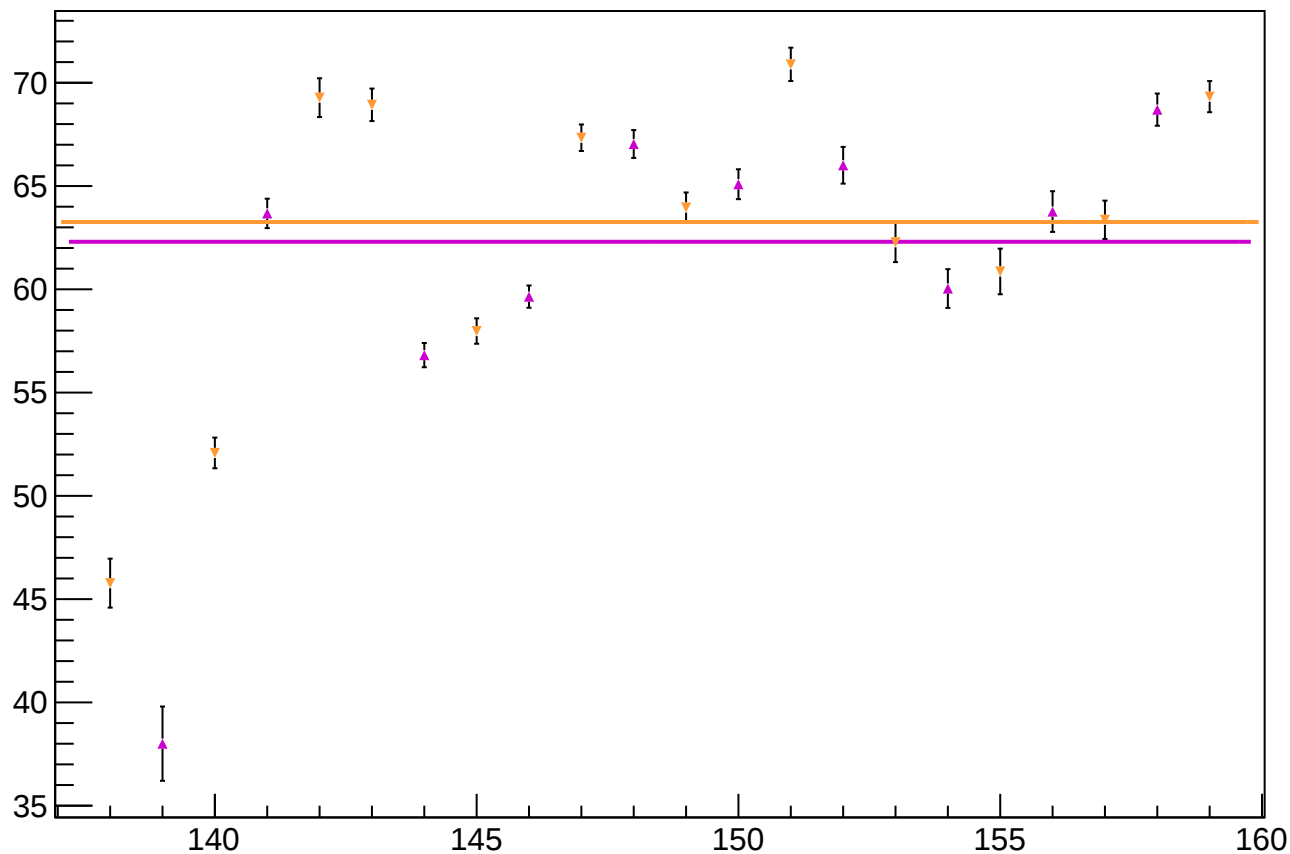
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.156+/-0.285 χ^2/NDF :1265.6/9

Out: -73.643+/-0.280 χ^2/NDF :1274.2/11

All: -73.895+/-0.200 χ^2/NDF : 2541.4/21

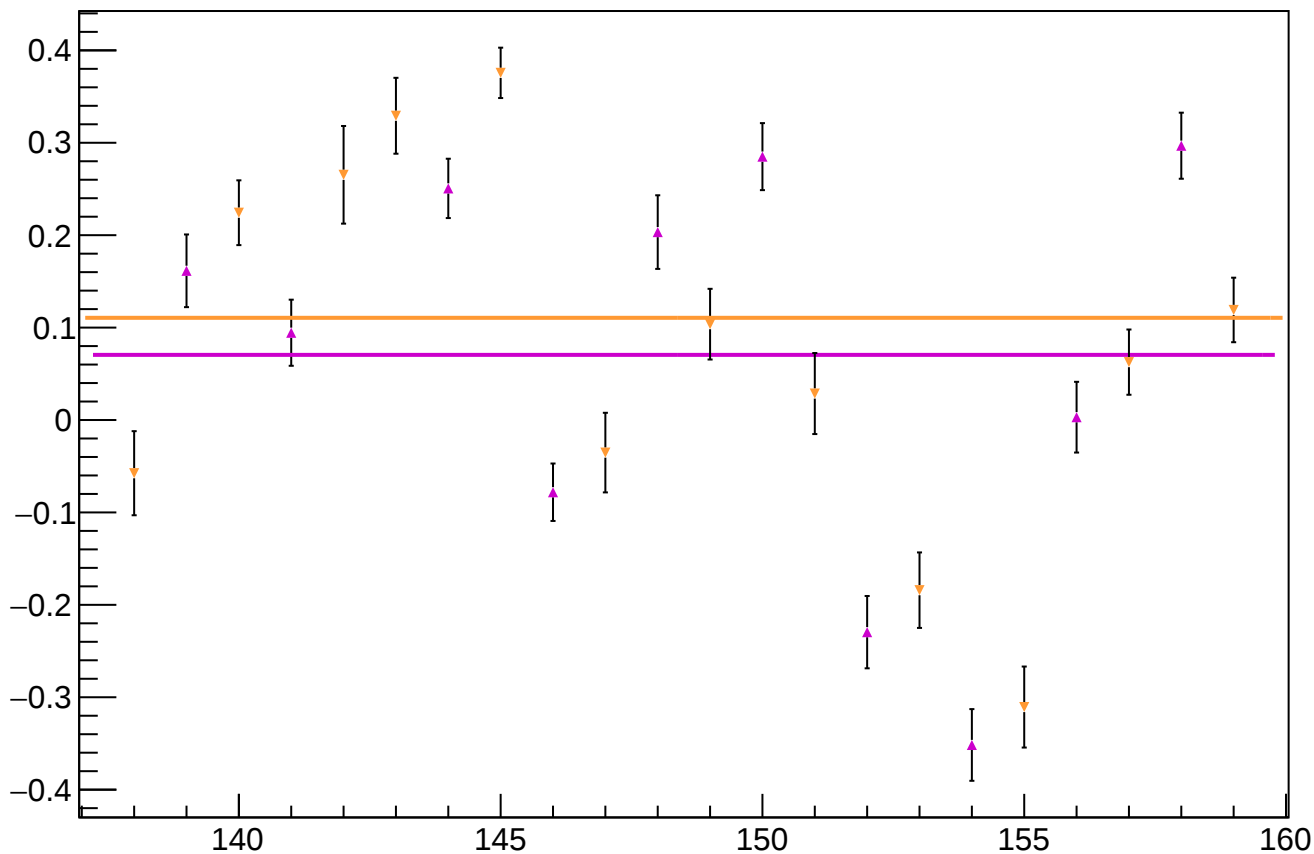
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.258+/-0.232 χ^2/NDF :811.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 62.301+/-0.237 χ^2/NDF :455.0/9

Left: 62.790+/-0.166 χ^2/NDF : 1274.8/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 62.301+/-0.237 χ^2/NDF :455.0/9
 Out: 63.258+/-0.232 χ^2/NDF :811.5/11
 All: 62.790+/-0.166 χ^2/NDF : 1274.8/21

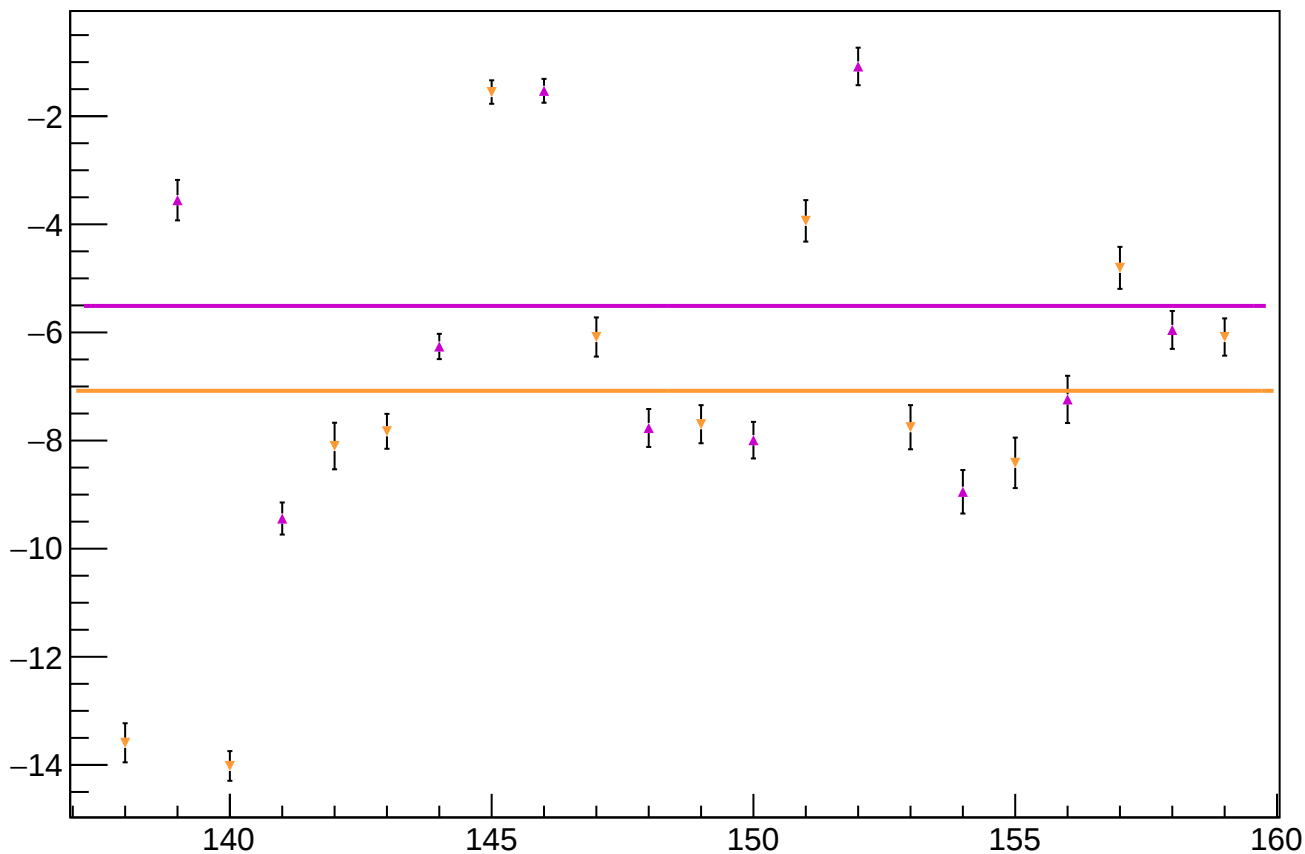
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.111 ± 0.011 $\chi^2/\text{NDF}: 317.0/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 0.070 ± 0.011 $\chi^2/\text{NDF}: 326.7/9$

Left: 0.091 ± 0.008 $\chi^2/\text{NDF}: 650.0/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 0.070 ± 0.011 $\chi^2/\text{NDF}: 326.7/9$
 Out: 0.111 ± 0.011 $\chi^2/\text{NDF}: 317.0/11$
 All: 0.091 ± 0.008 $\chi^2/\text{NDF}: 650.0/21$

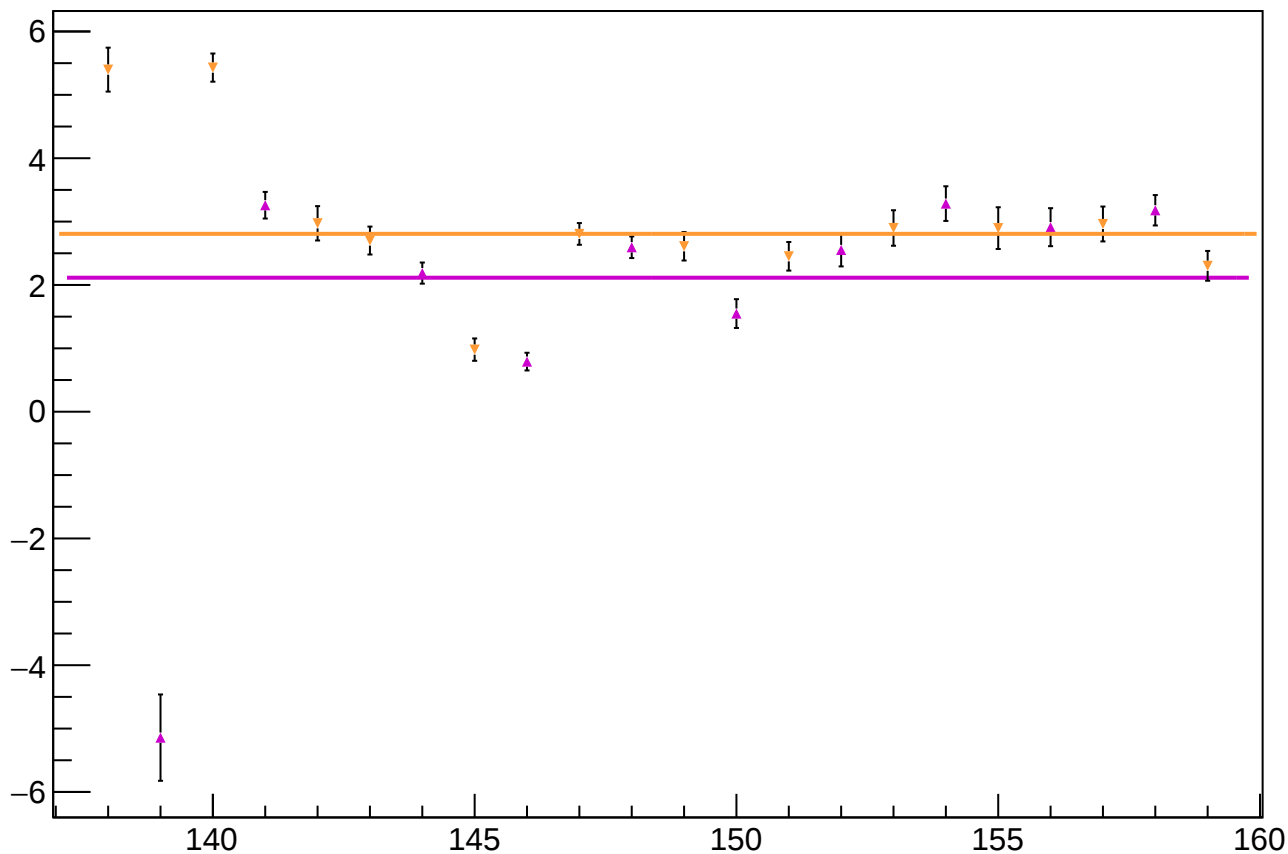
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.080 $\pm$ 0.097 χ^2 /NDF:1753.6/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.509 $\pm$ 0.099 χ^2 /NDF:886.2/9

Left: -6.307 $\pm$ 0.069 χ^2 /NDF: 2767.5/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.509 $\pm$ 0.099 χ^2 /NDF:886.2/9
 Out: -7.080 $\pm$ 0.097 χ^2 /NDF:1753.6/11
 All: -6.307 $\pm$ 0.069 χ^2 /NDF: 2767.5/21

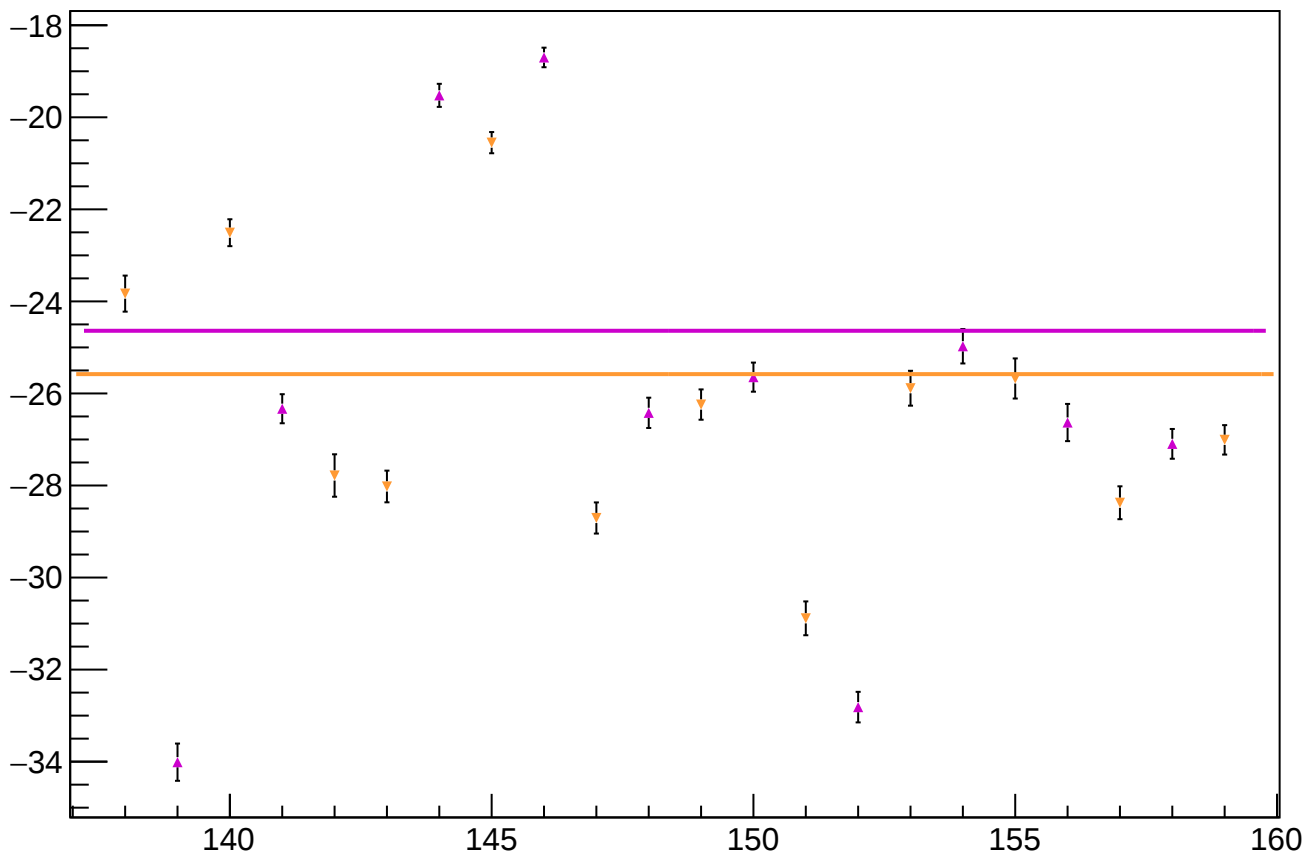
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.807+/-0.067 χ^2/NDF :311.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.114+/-0.067 χ^2/NDF :295.3/9

Left: 2.460+/-0.047 χ^2/NDF : 660.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.114+/-0.067 χ^2/NDF :295.3/9
 Out: 2.807+/-0.067 χ^2/NDF :311.5/11
 All: 2.460+/-0.047 χ^2/NDF : 660.0/21

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: -25.580+/-0.097 χ^2/NDF :1059.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.638+/-0.097 χ^2/NDF :2491.9/9

Left: -25.109+/-0.069 χ^2/NDF : 3598.4/21

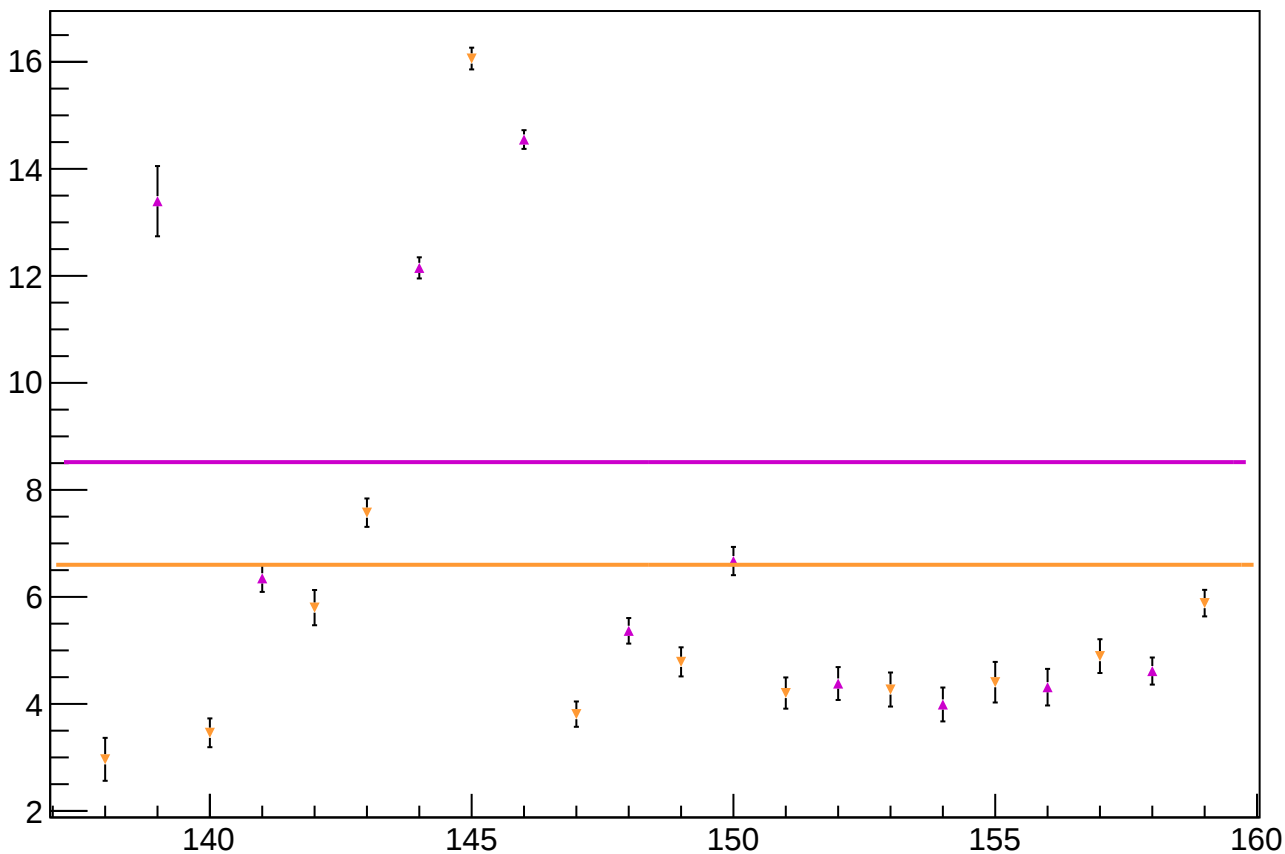
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.638+/-0.097 χ^2/NDF :2491.9/9

Out: -25.580+/-0.097 χ^2/NDF :1059.7/11

All: -25.109+/-0.069 χ^2/NDF : 3598.4/21

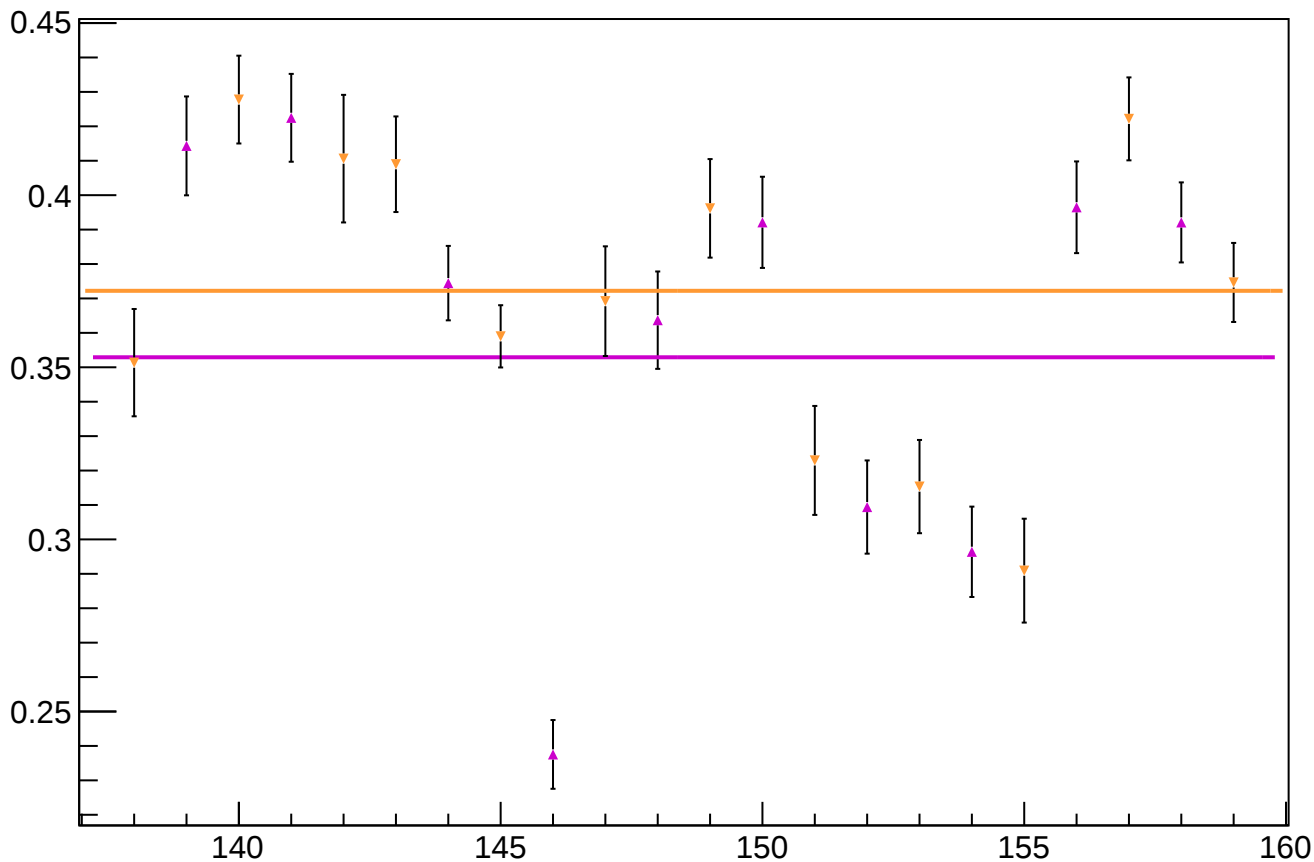
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.601+/-0.081 χ^2/NDF :2781.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.519+/-0.081 χ^2/NDF :2652.5/9

Left: 7.556+/-0.057 χ^2/NDF : 5716.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.519+/-0.081 χ^2/NDF :2652.5/9
 Out: 6.601+/-0.081 χ^2/NDF :2781.4/11
 All: 7.556+/-0.057 χ^2/NDF : 5716.0/21

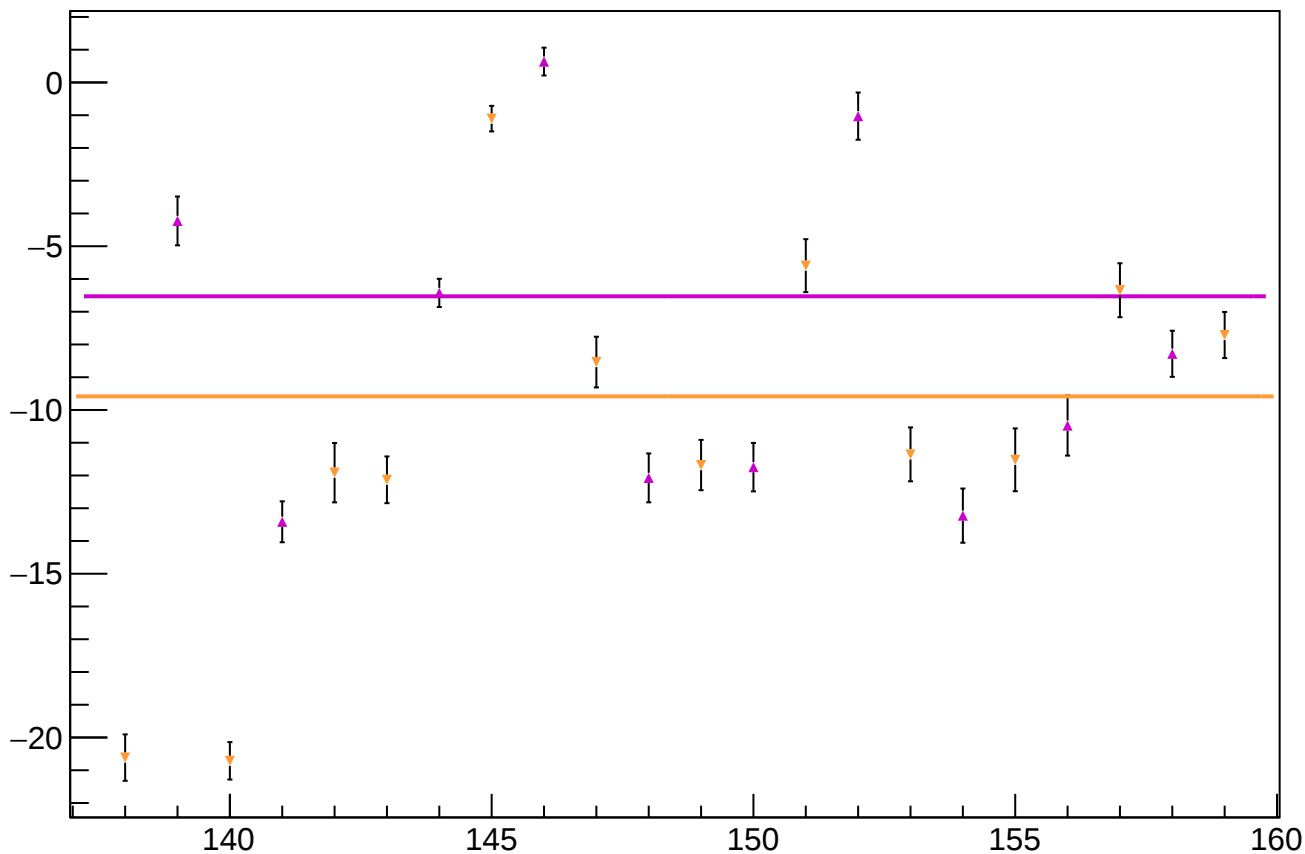
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.372+/-0.004 χ^2/NDF :110.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.353+/-0.004 χ^2/NDF :245.6/9

Left: 0.363+/-0.003 χ^2/NDF : 368.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.353+/-0.004 χ^2/NDF :245.6/9
 Out: 0.372+/-0.004 χ^2/NDF :110.6/11
 All: 0.363+/-0.003 χ^2/NDF : 368.6/21

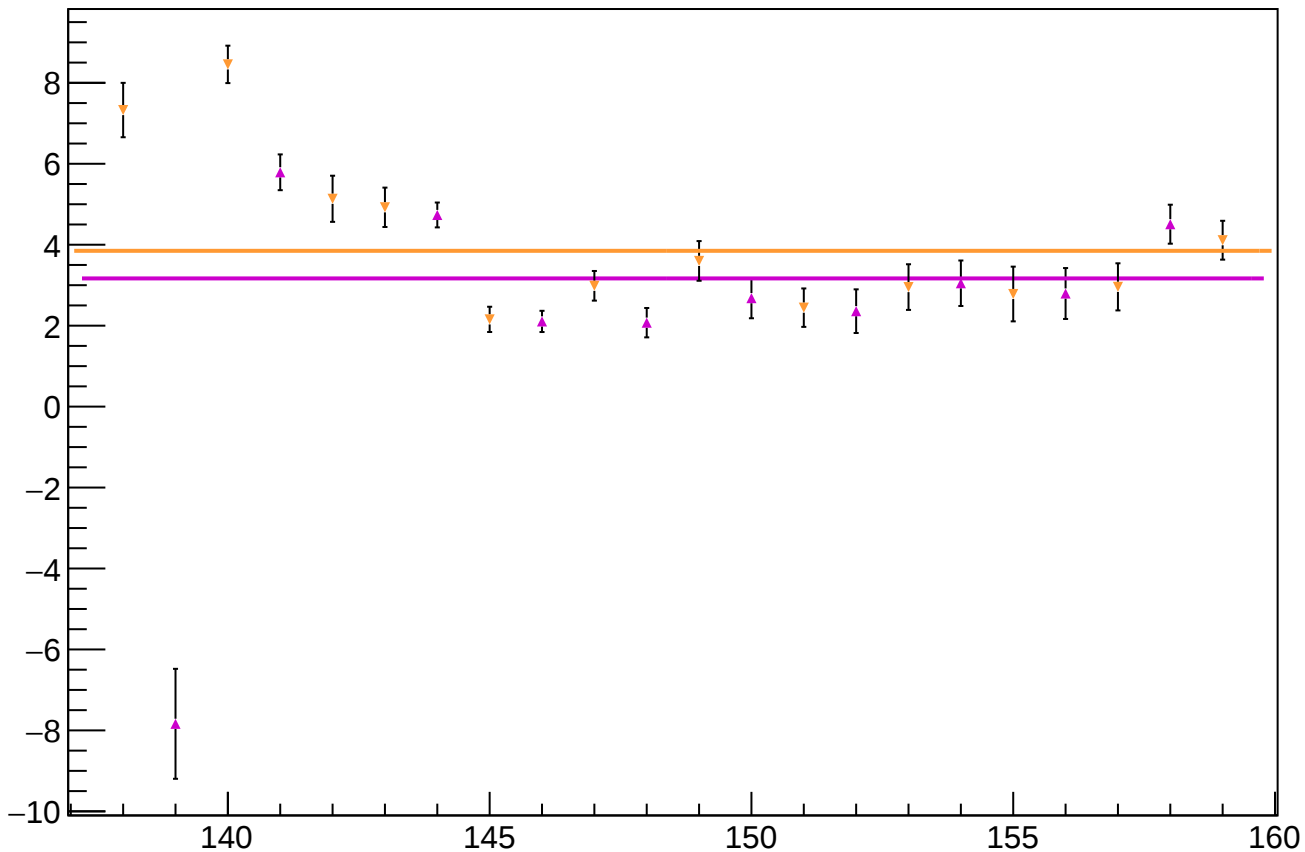
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.585+/-0.197 χ^2/NDF :1178.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.530+/-0.198 χ^2/NDF :669.7/9

Left: -8.065+/-0.140 χ^2/NDF : 1967.8/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.530+/-0.198 χ^2/NDF :669.7/9
 Out: -9.585+/-0.197 χ^2/NDF :1178.4/11
 All: -8.065+/-0.140 χ^2/NDF : 1967.8/21

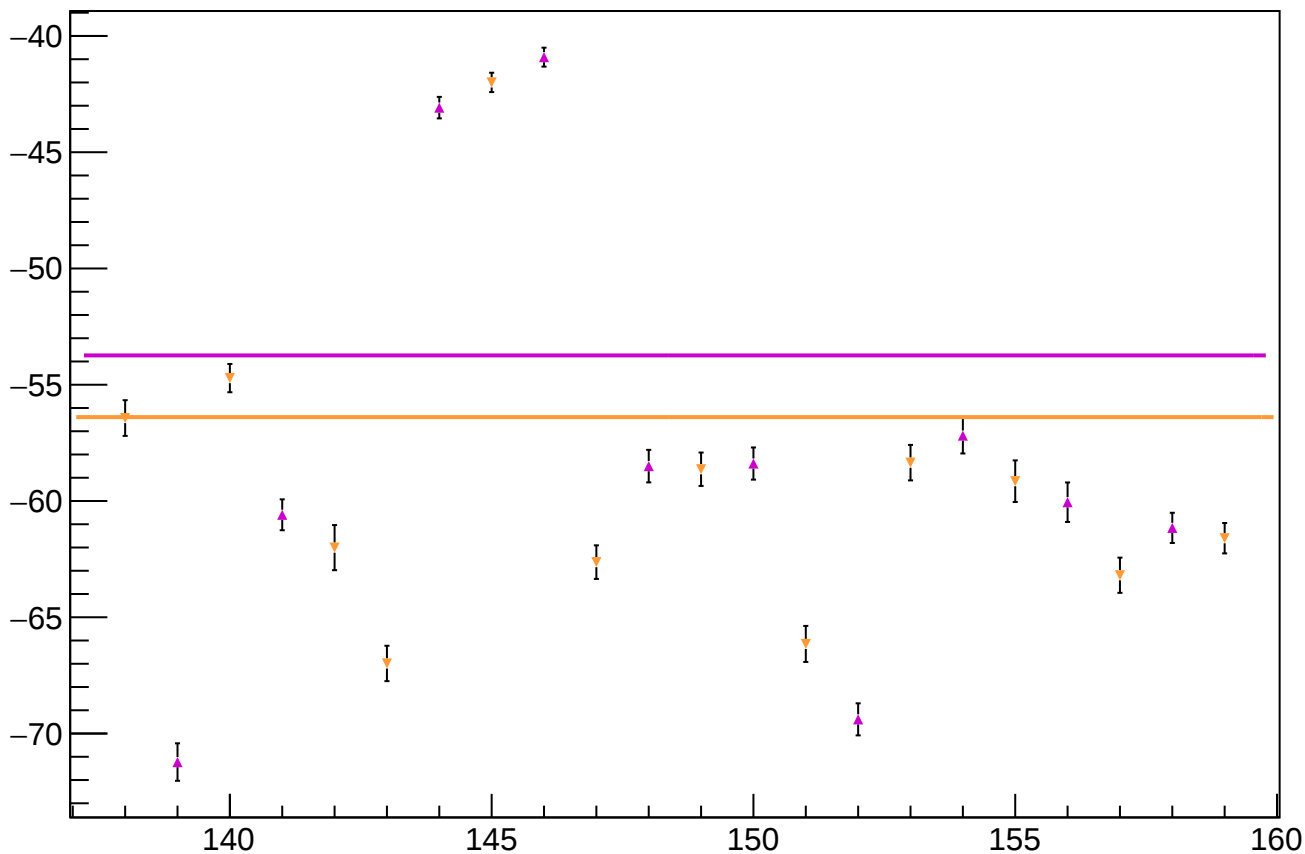
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.849+/-0.137 χ^2/NDF :187.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.167+/-0.134 χ^2/NDF :163.7/9

Left: 3.500+/-0.096 χ^2/NDF : 364.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.167+/-0.134 χ^2/NDF :163.7/9
 Out: 3.849+/-0.137 χ^2/NDF :187.7/11
 All: 3.500+/-0.096 χ^2/NDF : 364.1/21

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -56.392 $\pm$ 0.198 χ^2/NDF :1836.1/11

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -53.738 $\pm$ 0.195 χ^2/NDF :2909.9/9

Left: -55.049 $\pm$ 0.139 χ^2/NDF : 4837.0/21

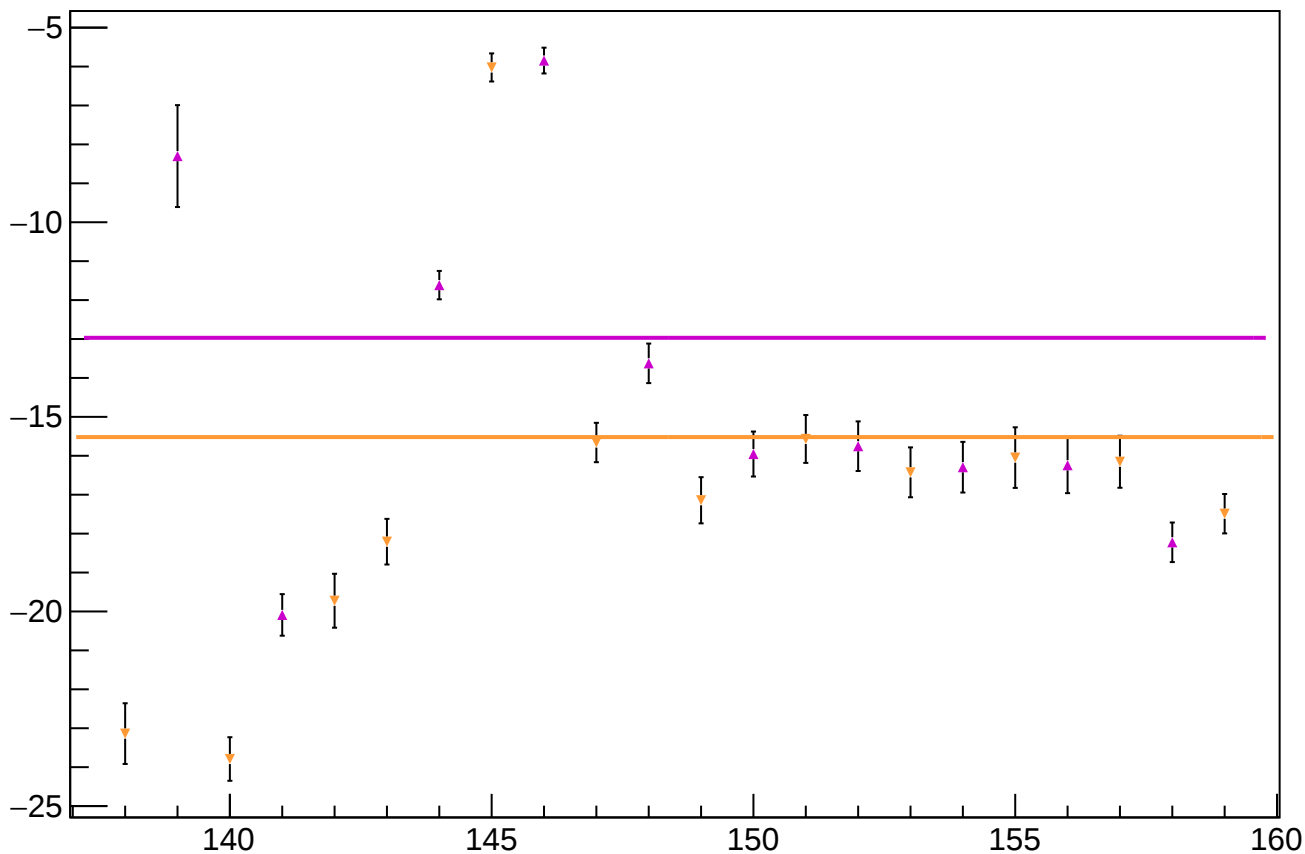
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -53.738 $\pm$ 0.195 χ^2/NDF :2909.9/9

Out: -56.392 $\pm$ 0.198 χ^2/NDF :1836.1/11

All: -55.049 $\pm$ 0.139 χ^2/NDF : 4837.0/21

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.520 ± 0.164 $\chi^2/\text{NDF}: 1090.1/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -12.969 ± 0.162 $\chi^2/\text{NDF}: 868.2/9$

Left: -14.226 ± 0.115 $\chi^2/\text{NDF}: 2080.8/21$

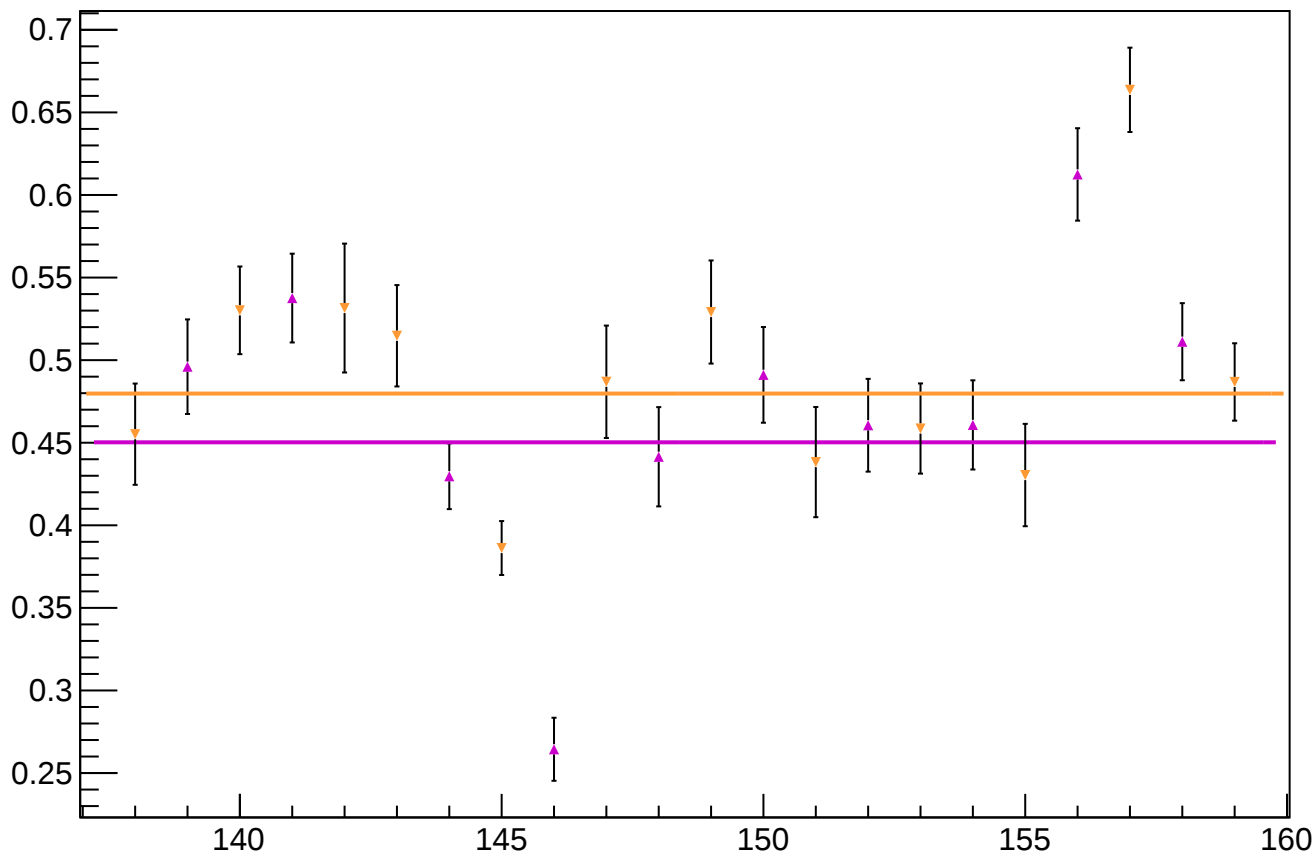
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -12.969 ± 0.162 $\chi^2/\text{NDF}: 868.2/9$

Out: -15.520 ± 0.164 $\chi^2/\text{NDF}: 1090.1/11$

All: -14.226 ± 0.115 $\chi^2/\text{NDF}: 2080.8/21$

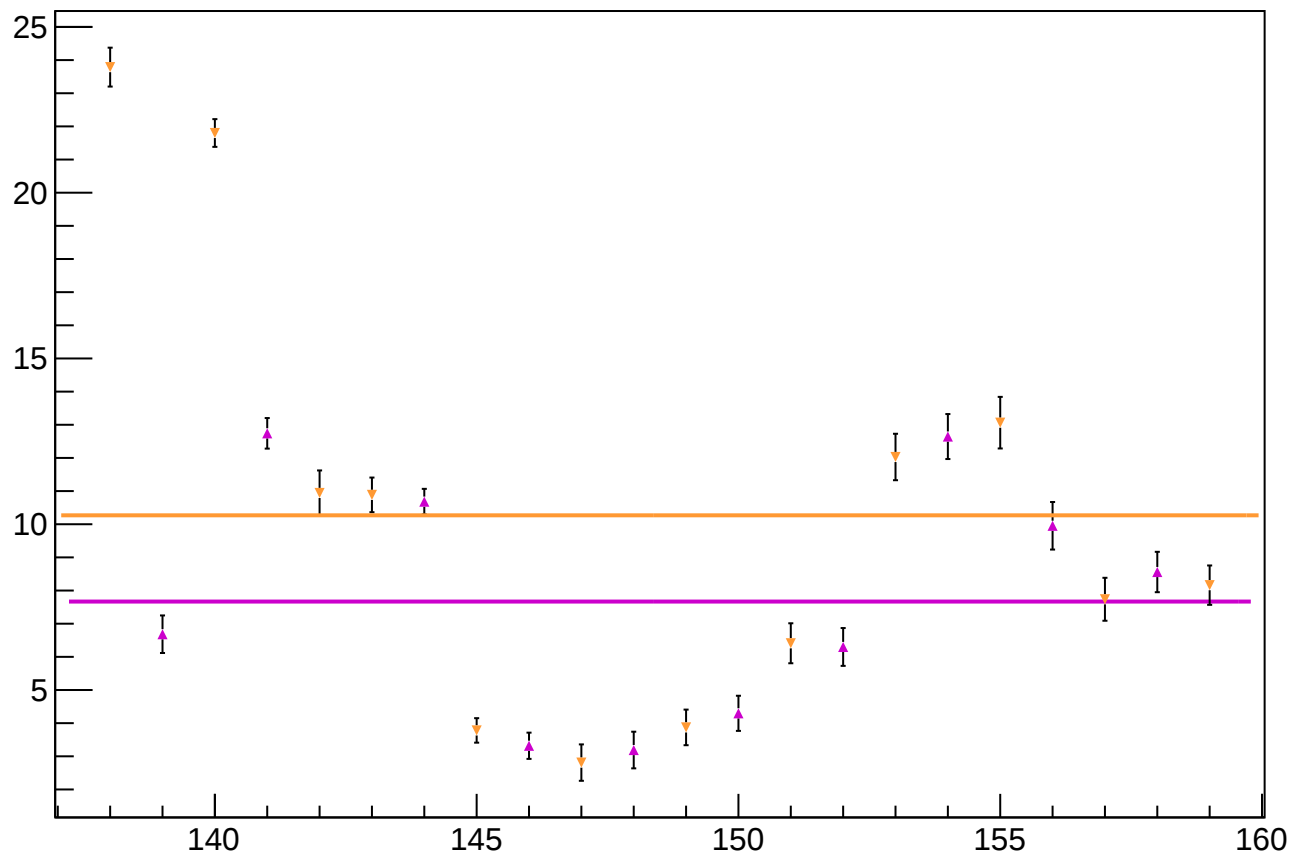
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.480+/-0.008 χ^2/NDF :99.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.450+/-0.008 χ^2/NDF :151.8/9

Left: 0.465+/-0.006 χ^2/NDF : 258.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.450+/-0.008 χ^2/NDF :151.8/9
 Out: 0.480+/-0.008 χ^2/NDF :99.4/11
 All: 0.465+/-0.006 χ^2/NDF : 258.2/21

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.269+/-0.158 χ^2/NDF :2016.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.668+/-0.163 χ^2/NDF :483.9/9

Left: 9.012+/-0.113 χ^2/NDF : 2631.8/21

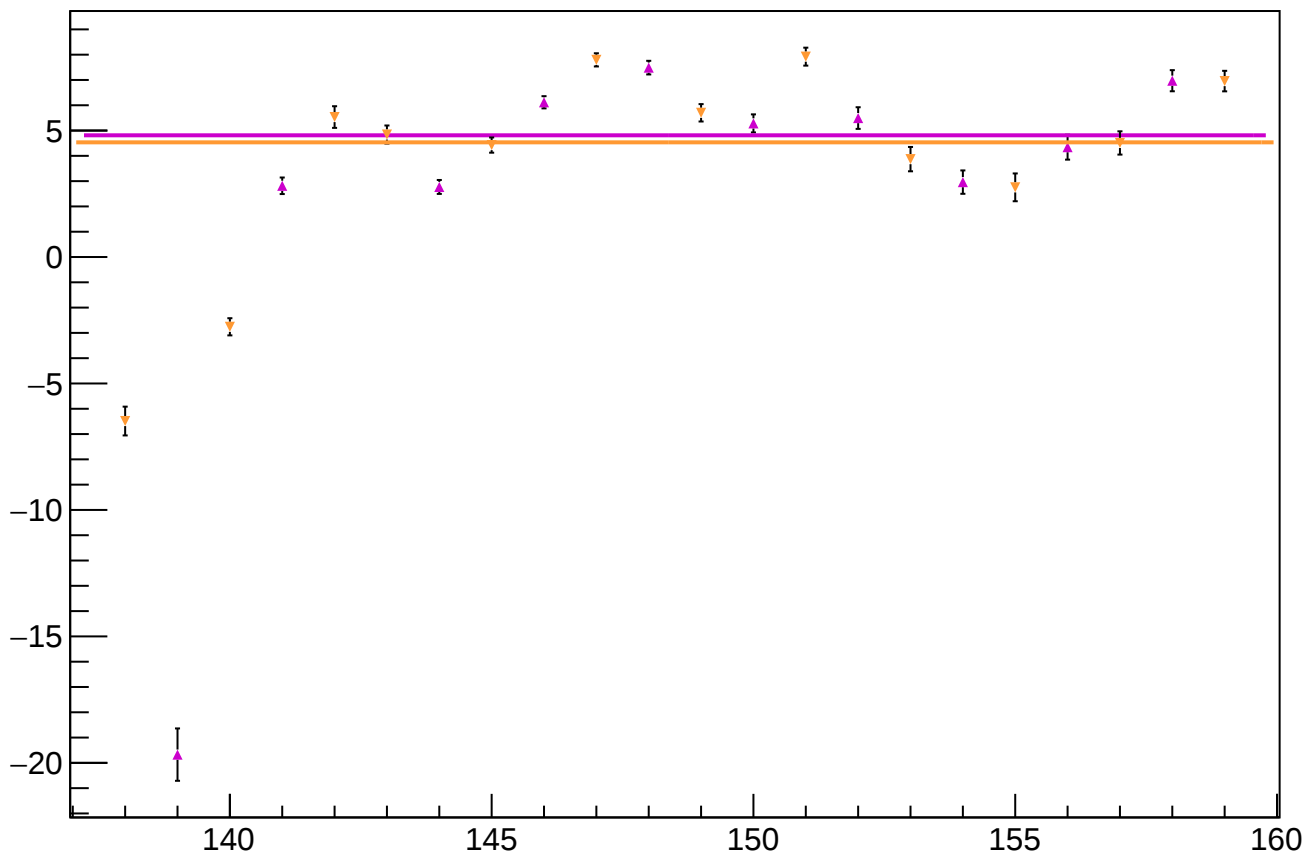
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.668+/-0.163 χ^2/NDF :483.9/9

Out: 10.269+/-0.158 χ^2/NDF :2016.3/11

All: 9.012+/-0.113 χ^2/NDF : 2631.8/21

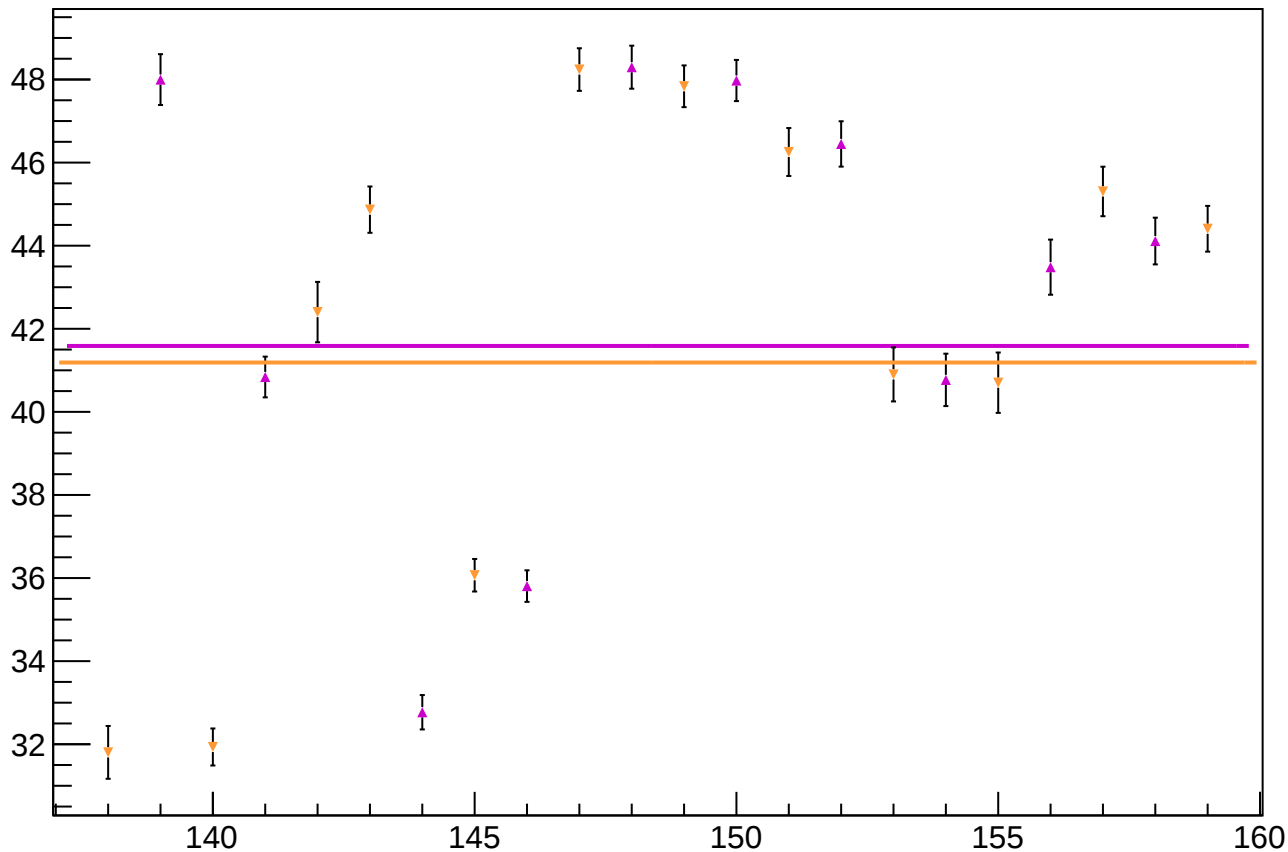
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.534 $\pm$ 0.108 χ^2 /NDF:1149.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.812 $\pm$ 0.110 χ^2 /NDF:827.5/9

Left: 4.670 $\pm$ 0.077 χ^2 /NDF: 1980.3/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.812 $\pm$ 0.110 χ^2 /NDF:827.5/9
 Out: 4.534 $\pm$ 0.108 χ^2 /NDF:1149.5/11
 All: 4.670 $\pm$ 0.077 χ^2 /NDF: 1980.3/21

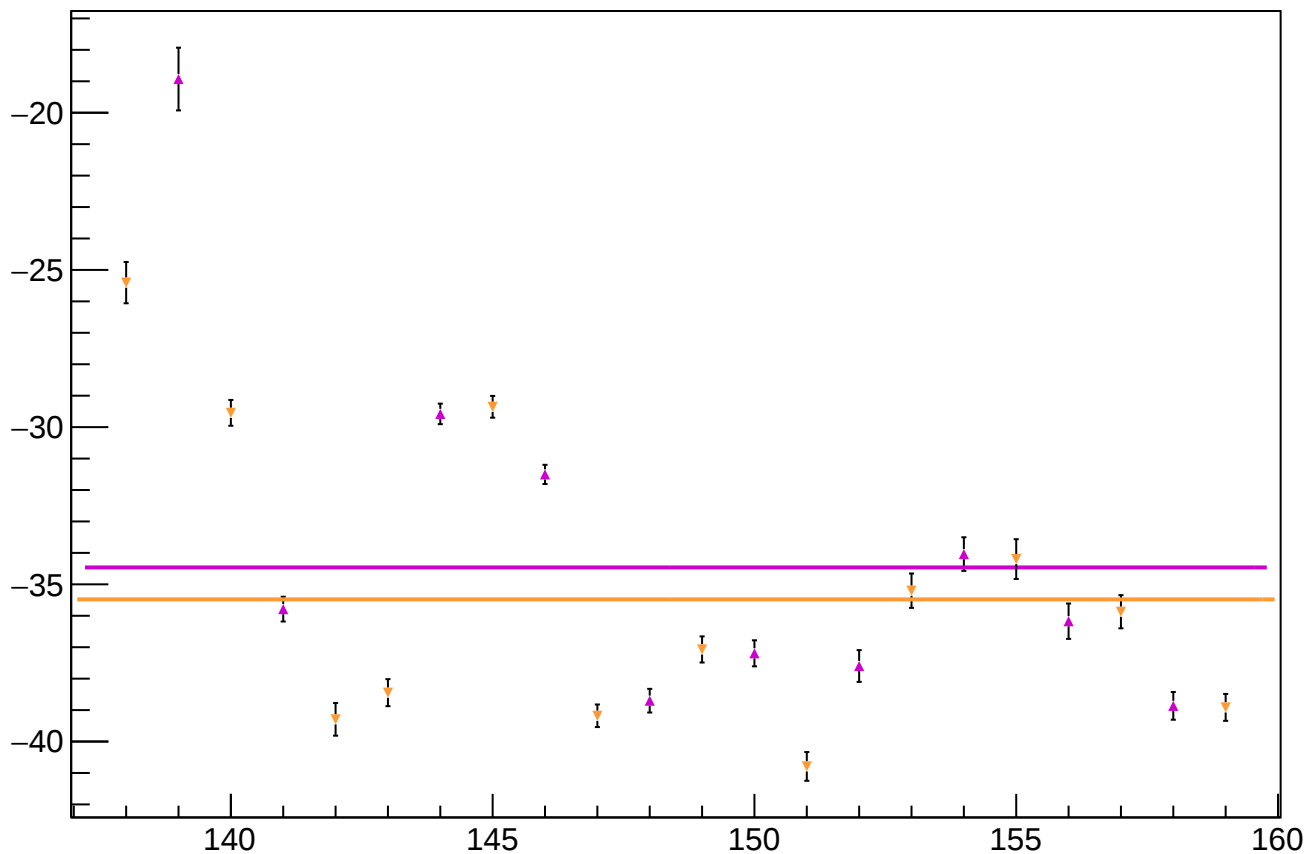
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.188+/-0.158 χ^2/NDF :1390.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.587+/-0.161 χ^2/NDF :1241.2/9

Left: 41.383+/-0.113 χ^2/NDF : 2635.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.587+/-0.161 χ^2/NDF :1241.2/9
 Out: 41.188+/-0.158 χ^2/NDF :1390.9/11
 All: 41.383+/-0.113 χ^2/NDF : 2635.2/21

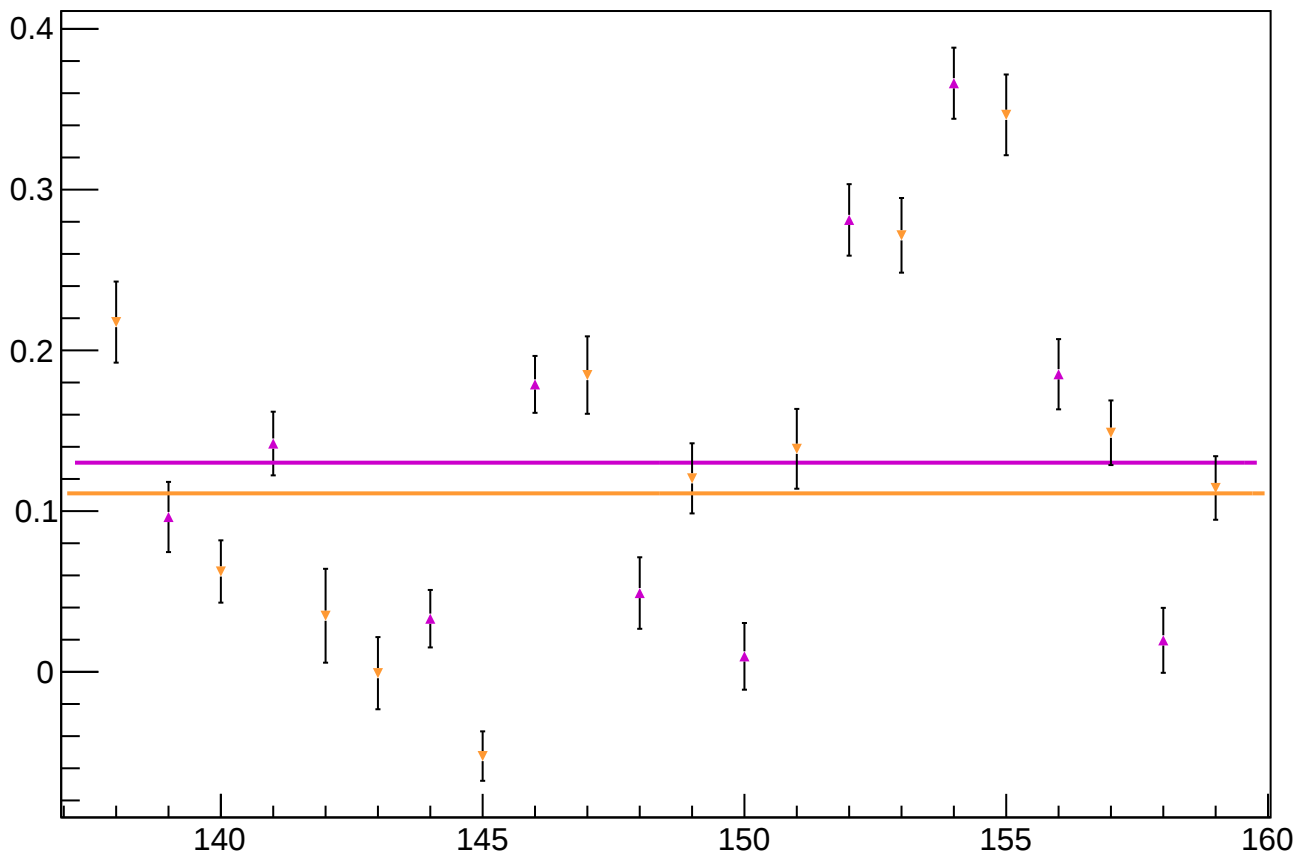
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.479+/-0.130 χ^2/NDF :1183.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.463+/-0.133 χ^2/NDF :890.1/9

Left: -34.983+/-0.093 χ^2/NDF : 2103.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -34.463+/-0.133 χ^2/NDF :890.1/9
 Out: -35.479+/-0.130 χ^2/NDF :1183.4/11
 All: -34.983+/-0.093 χ^2/NDF : 2103.1/21

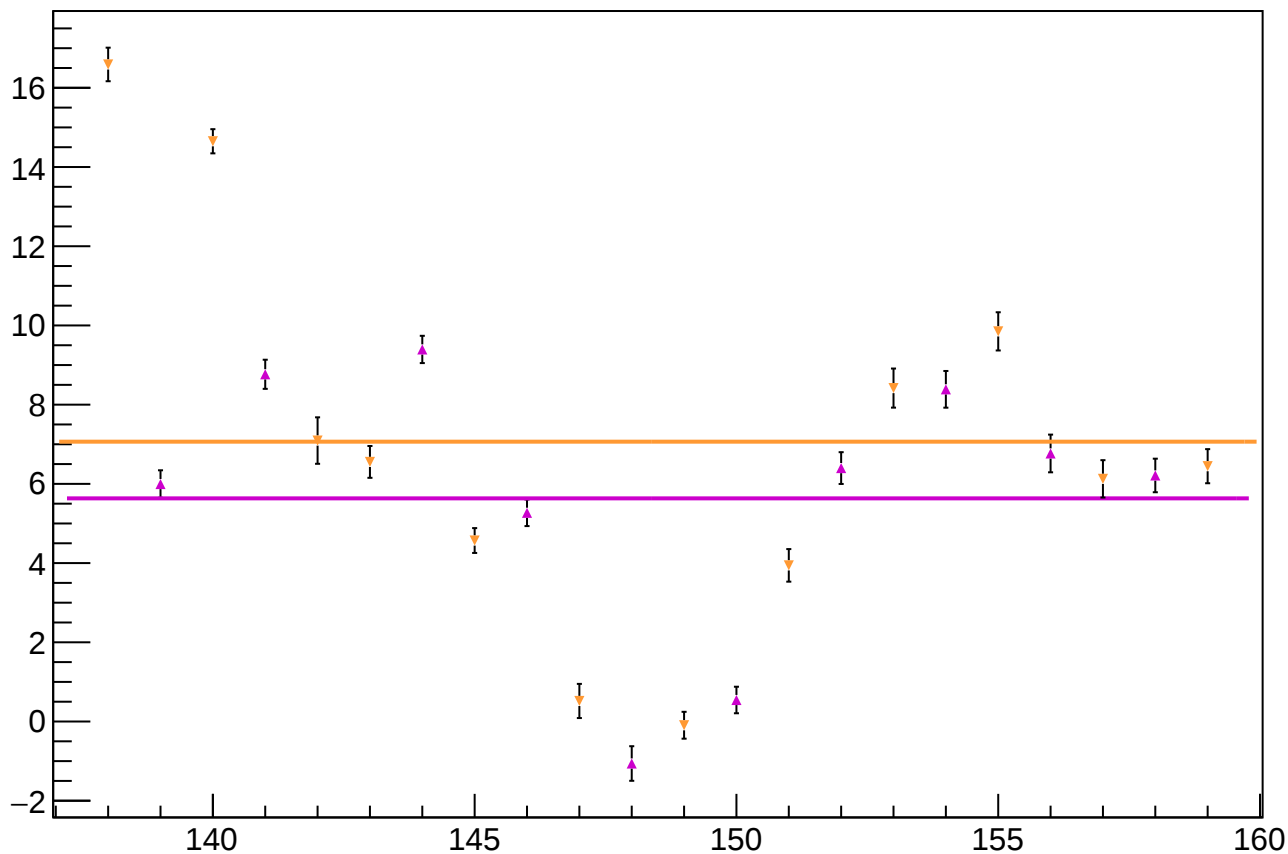
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.111+/-0.006 χ^2/NDF :318.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.130+/-0.006 χ^2/NDF :283.1/9

Left: 0.120+/-0.004 χ^2/NDF : 606.3/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.130+/-0.006 χ^2/NDF :283.1/9
 Out: 0.111+/-0.006 χ^2/NDF :318.7/11
 All: 0.120+/-0.004 χ^2/NDF : 606.3/21

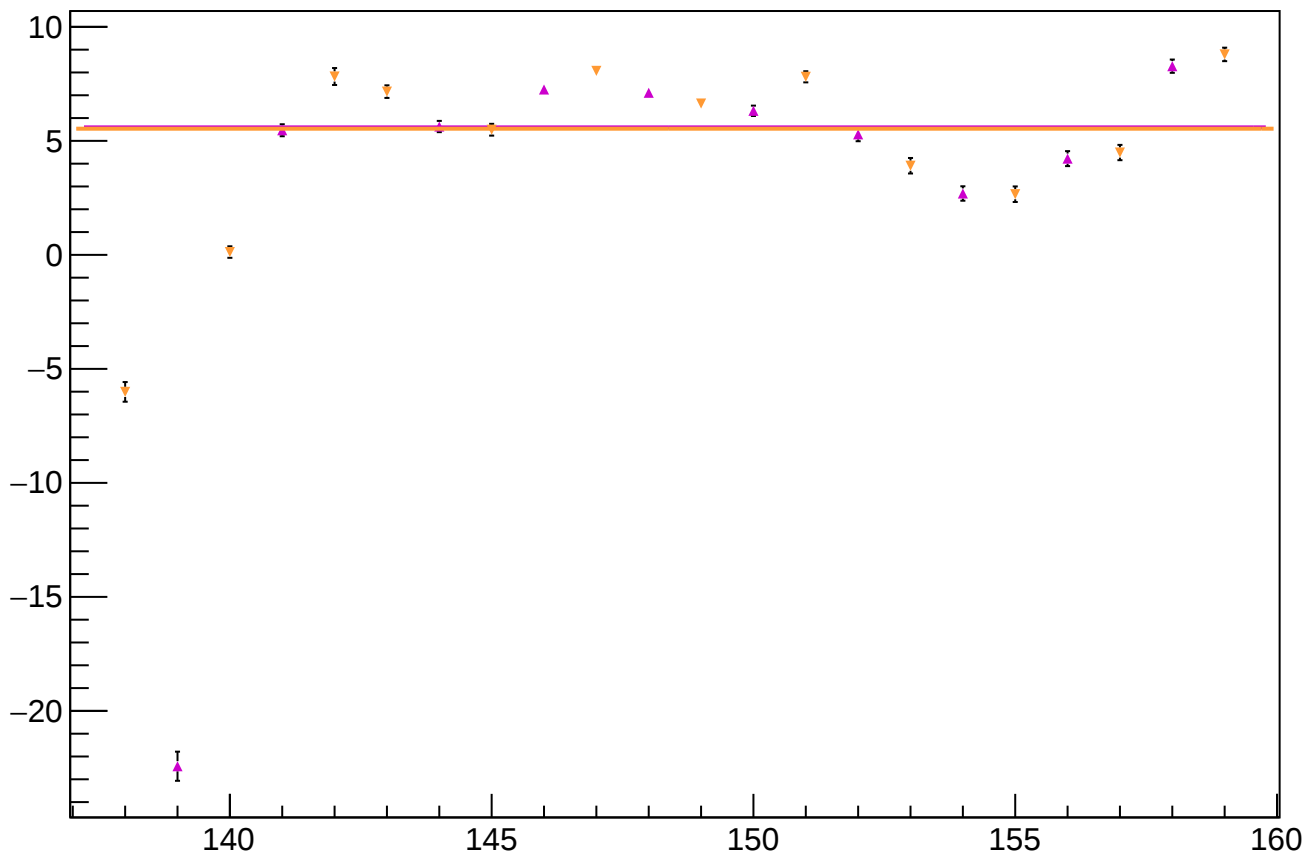
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.066+/-0.116 χ^2 /NDF:1968.5/11
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 5.634+/-0.121 χ^2 /NDF:706.4/9

Left: 6.379+/-0.084 χ^2 /NDF: 2747.4/21
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 5.634+/-0.121 χ^2 /NDF:706.4/9
 Out: 7.066+/-0.116 χ^2 /NDF:1968.5/11
 All: 6.379+/-0.084 χ^2 /NDF: 2747.4/21

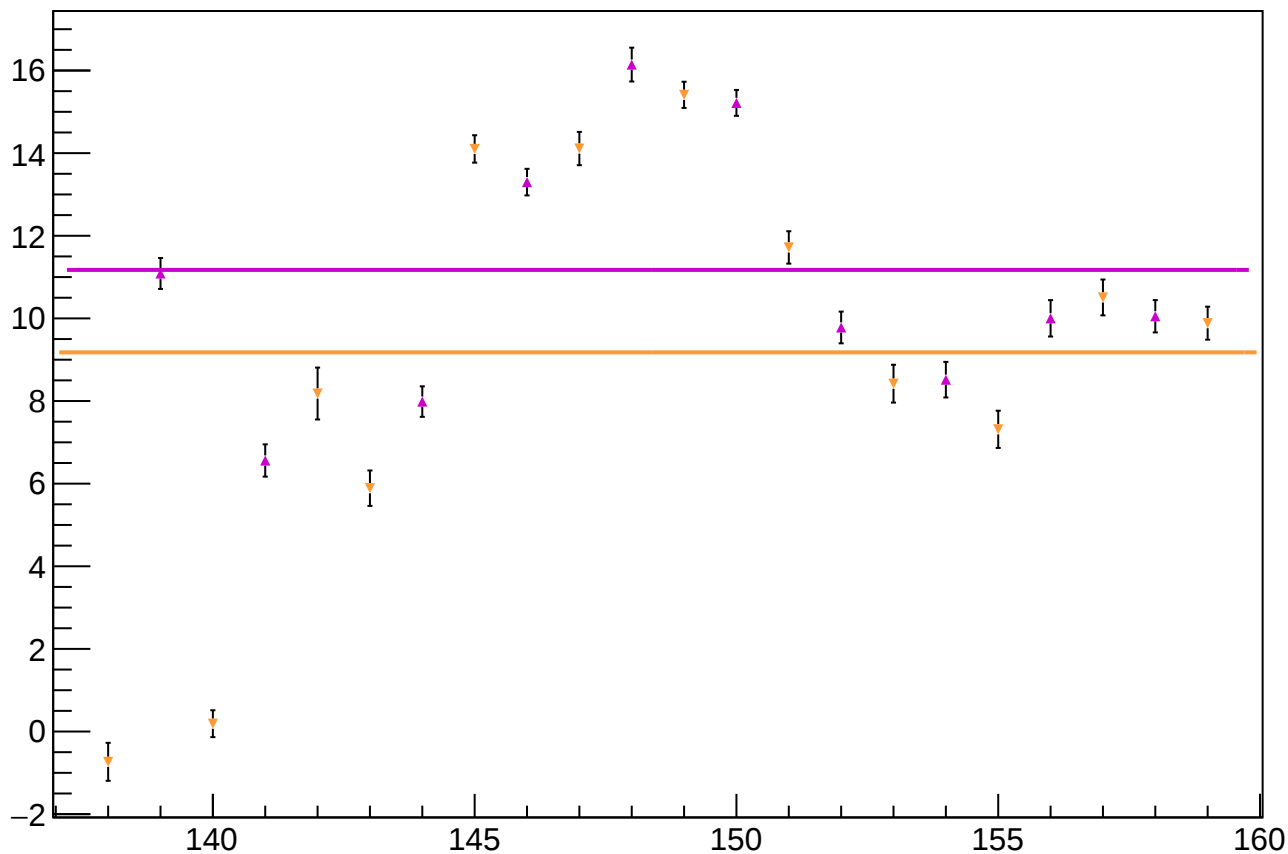
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.534+/-0.080 χ^2/NDF :1733.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.592+/-0.085 χ^2/NDF :2230.5/9

Left: 5.561+/-0.058 χ^2/NDF : 3964.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.592+/-0.085 χ^2/NDF :2230.5/9
 Out: 5.534+/-0.080 χ^2/NDF :1733.3/11
 All: 5.561+/-0.058 χ^2/NDF : 3964.1/21

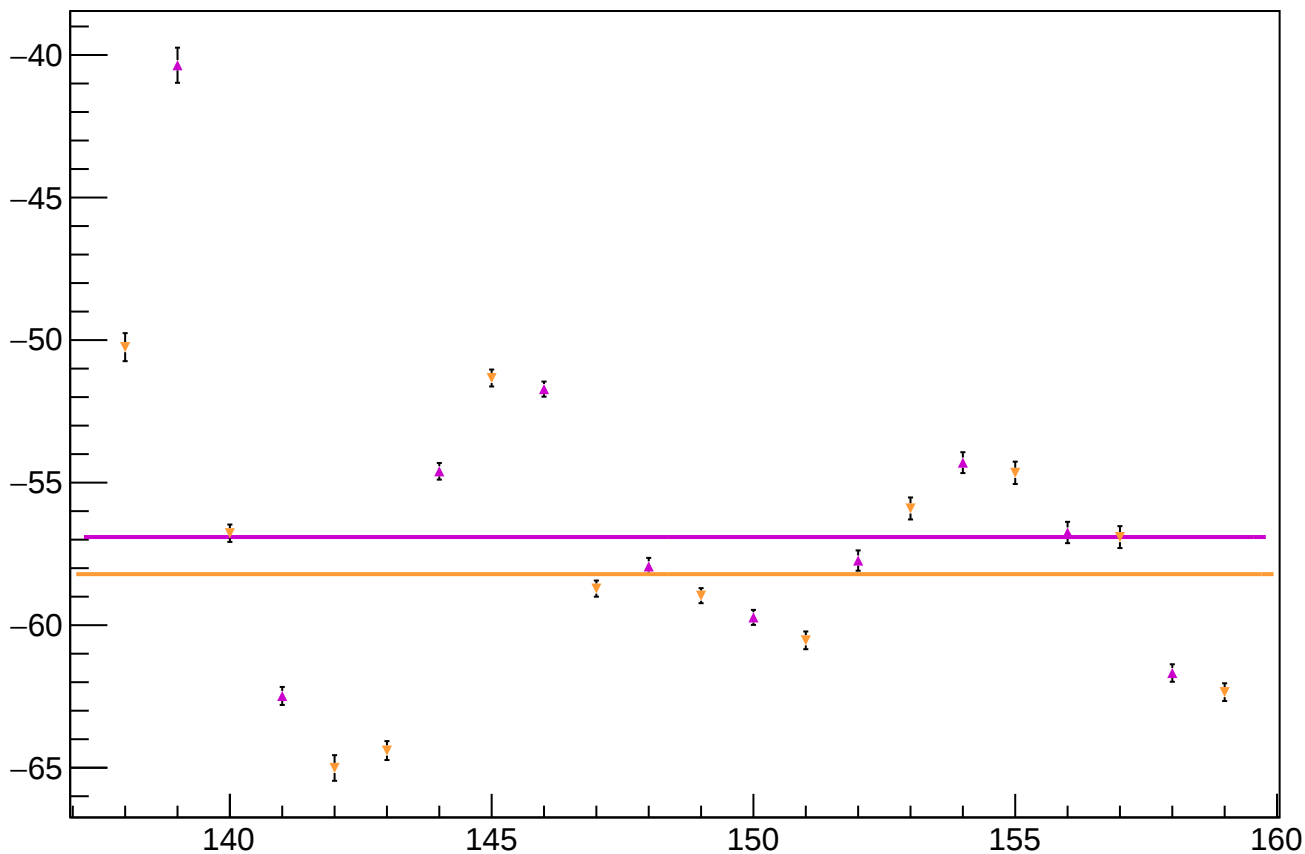
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.178 $\pm$ 0.115 χ^2 /NDF:2121.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9

Left: 10.145 $\pm$ 0.083 χ^2 /NDF: 2904.0/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9
 Out: 9.178 $\pm$ 0.115 χ^2 /NDF:2121.5/11
 All: 10.145 $\pm$ 0.083 χ^2 /NDF: 2904.0/21

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -58.211 $\pm$ 0.096 χ^2/NDF :1769.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -56.908 $\pm$ 0.101 χ^2/NDF :1902.0/9

Left: -57.592 $\pm$ 0.070 χ^2/NDF : 3758.5/21

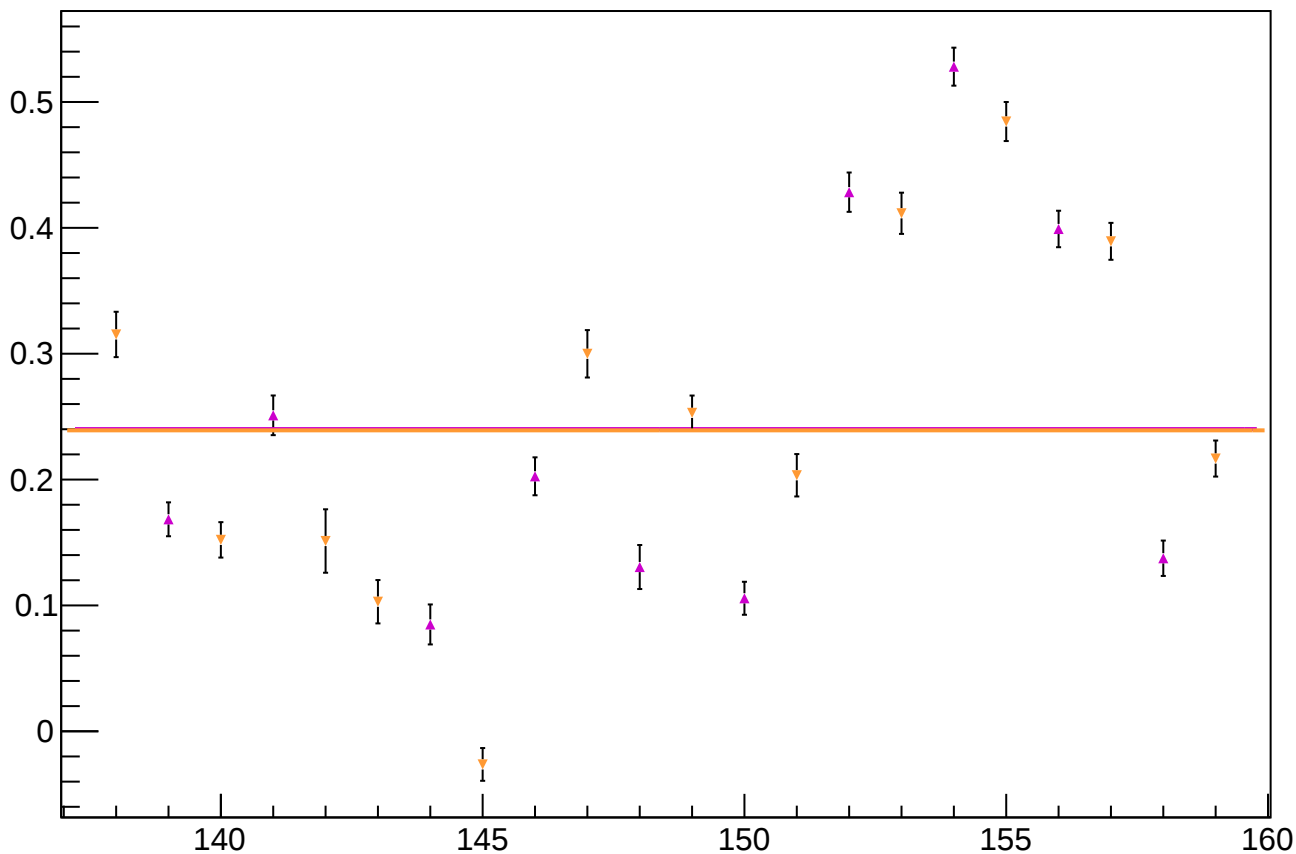
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -56.908 $\pm$ 0.101 χ^2/NDF :1902.0/9

Out: -58.211 $\pm$ 0.096 χ^2/NDF :1769.7/11

All: -57.592 $\pm$ 0.070 χ^2/NDF : 3758.5/21

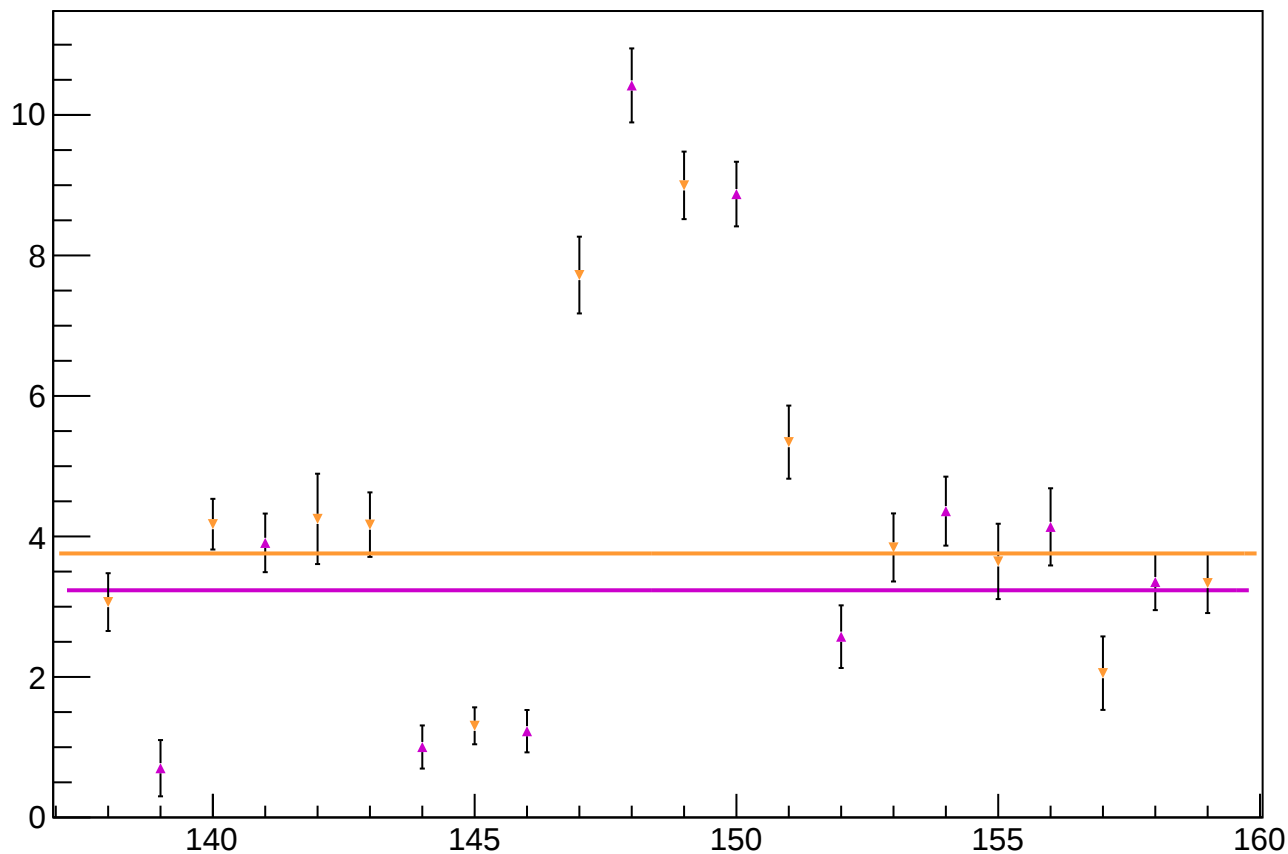
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.239+/-0.005 χ^2/NDF :1031.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.240+/-0.005 χ^2/NDF :957.9/9

Left: 0.240+/-0.003 χ^2/NDF : 1989.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.240+/-0.005 χ^2/NDF :957.9/9
 Out: 0.239+/-0.005 χ^2/NDF :1031.1/11
 All: 0.240+/-0.003 χ^2/NDF : 1989.0/21

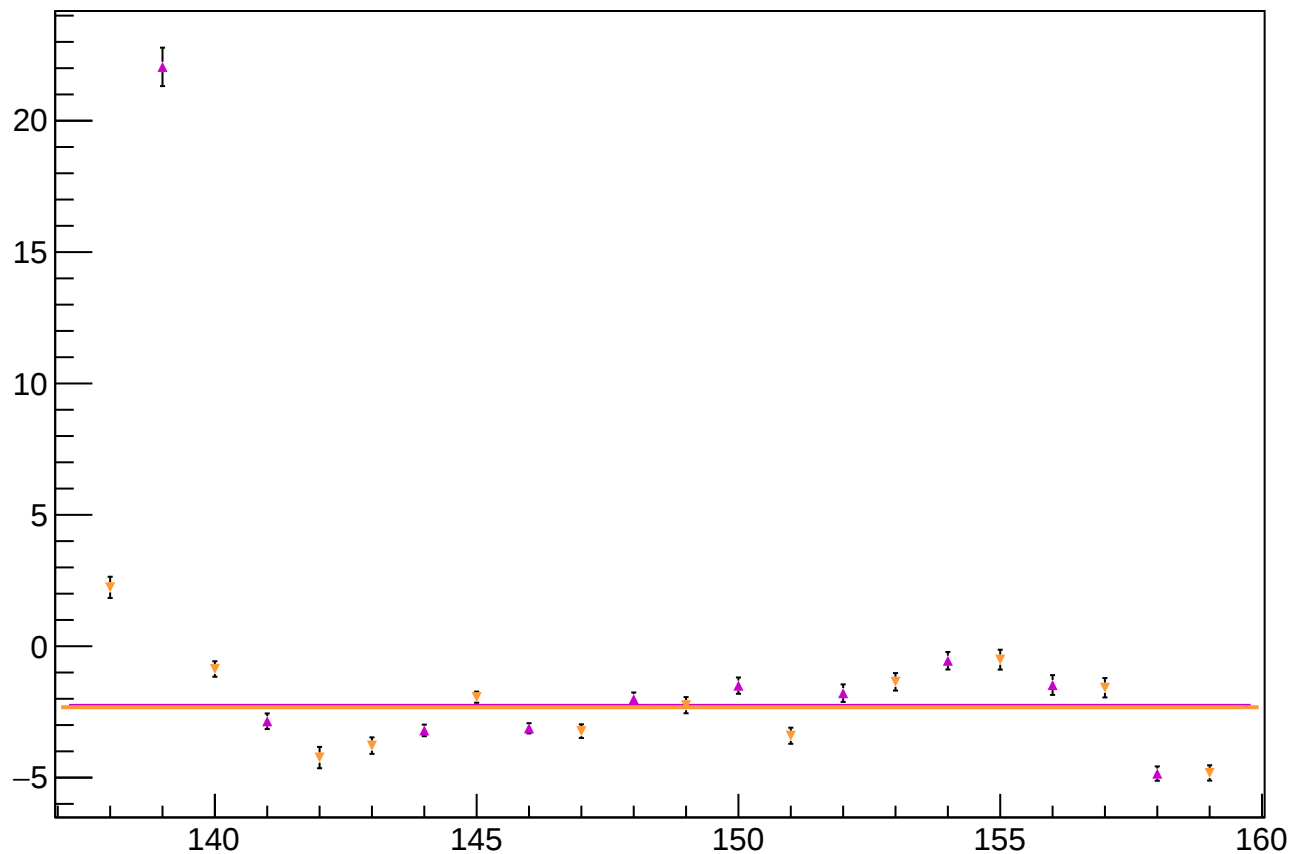
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.758 $\pm$ 0.125 χ^2 /NDF:285.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.234 $\pm$ 0.128 χ^2 /NDF:486.5/9

Left: 3.502 $\pm$ 0.090 χ^2 /NDF: 780.0/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.234 $\pm$ 0.128 χ^2 /NDF:486.5/9
 Out: 3.758 $\pm$ 0.125 χ^2 /NDF:285.0/11
 All: 3.502 $\pm$ 0.090 χ^2 /NDF: 780.0/21

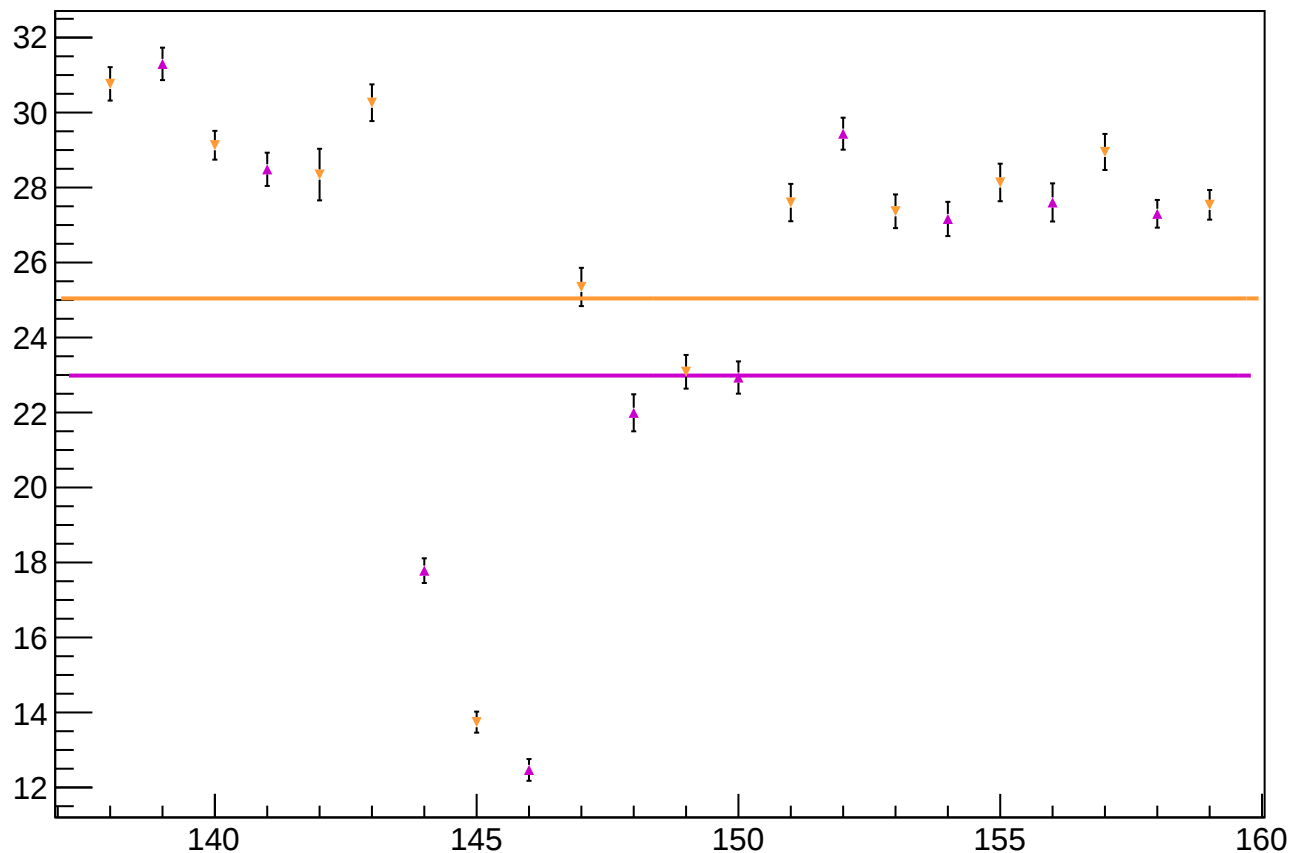
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.321+/-0.089 χ^2/NDF :332.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.271+/-0.090 χ^2/NDF :1276.2/9

Left: -2.296+/-0.063 χ^2/NDF : 1609.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.271+/-0.090 χ^2/NDF :1276.2/9
 Out: -2.321+/-0.089 χ^2/NDF :332.7/11
 All: -2.296+/-0.063 χ^2/NDF : 1609.0/21

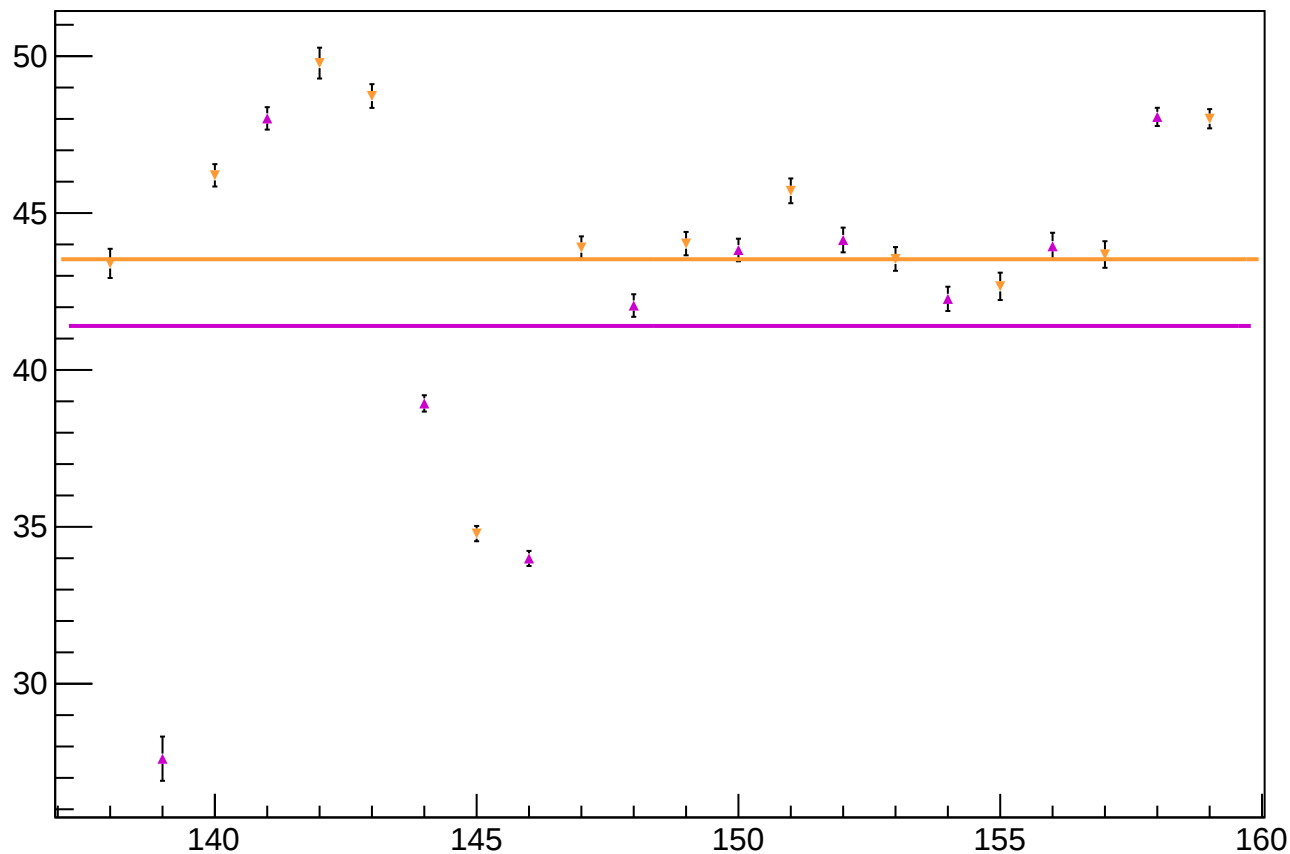
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.042+/-0.126 χ^2/NDF :2256.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.985+/-0.126 χ^2/NDF :2622.9/9

Left: 24.020+/-0.089 χ^2/NDF : 5012.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.985+/-0.126 χ^2/NDF :2622.9/9
 Out: 25.042+/-0.126 χ^2/NDF :2256.0/11
 All: 24.020+/-0.089 χ^2/NDF : 5012.0/21

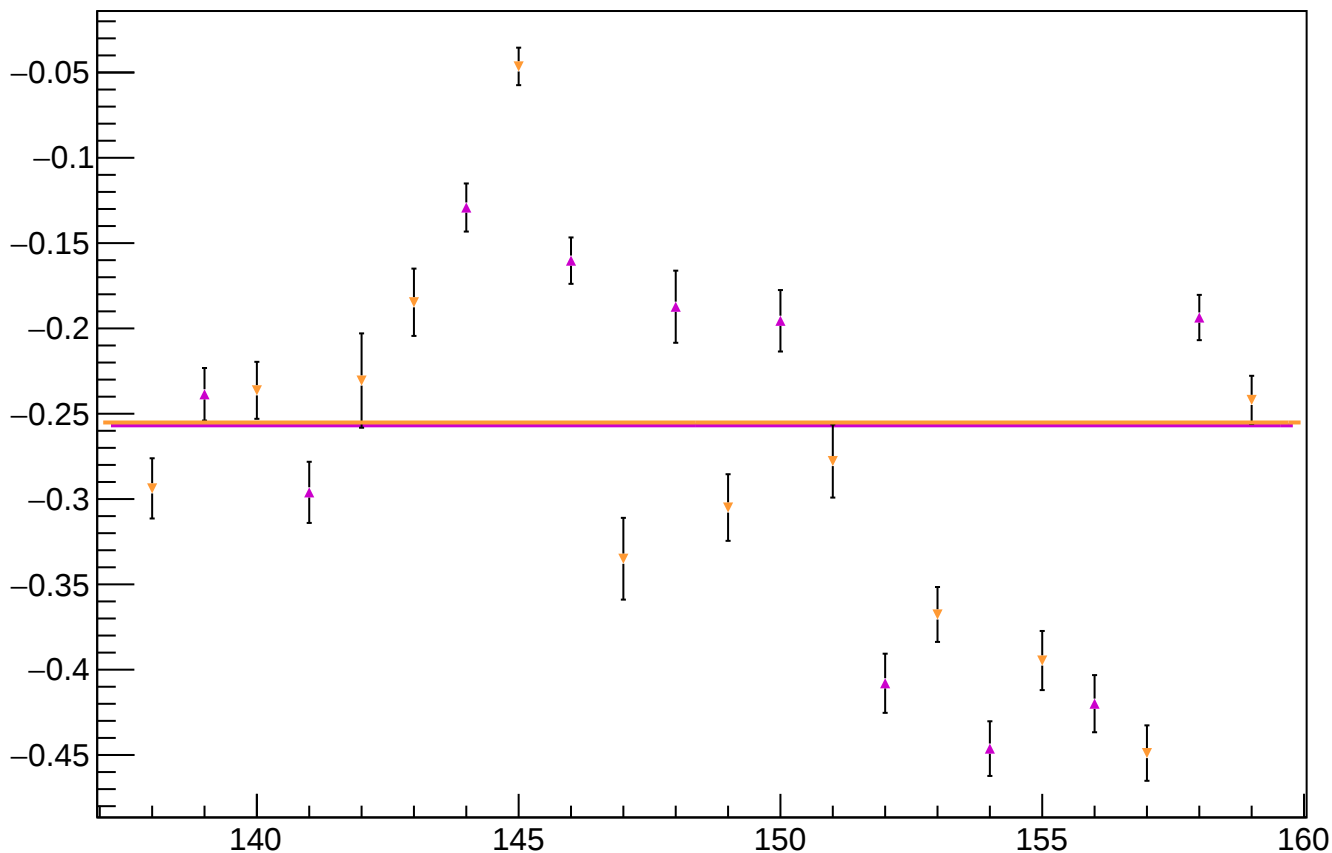
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.529+/-0.105 χ^2/NDF :1941.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.403+/-0.107 χ^2/NDF :2430.2/9

Left: 42.481+/-0.075 χ^2/NDF : 4572.9/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.403+/-0.107 χ^2/NDF :2430.2/9
 Out: 43.529+/-0.105 χ^2/NDF :1941.4/11
 All: 42.481+/-0.075 χ^2/NDF : 4572.9/21

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: -0.255+/-0.005 χ^2/NDF : 656.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.257+/-0.005 χ^2/NDF : 494.4/9

Left: -0.256+/-0.004 χ^2/NDF : 1150.6/21

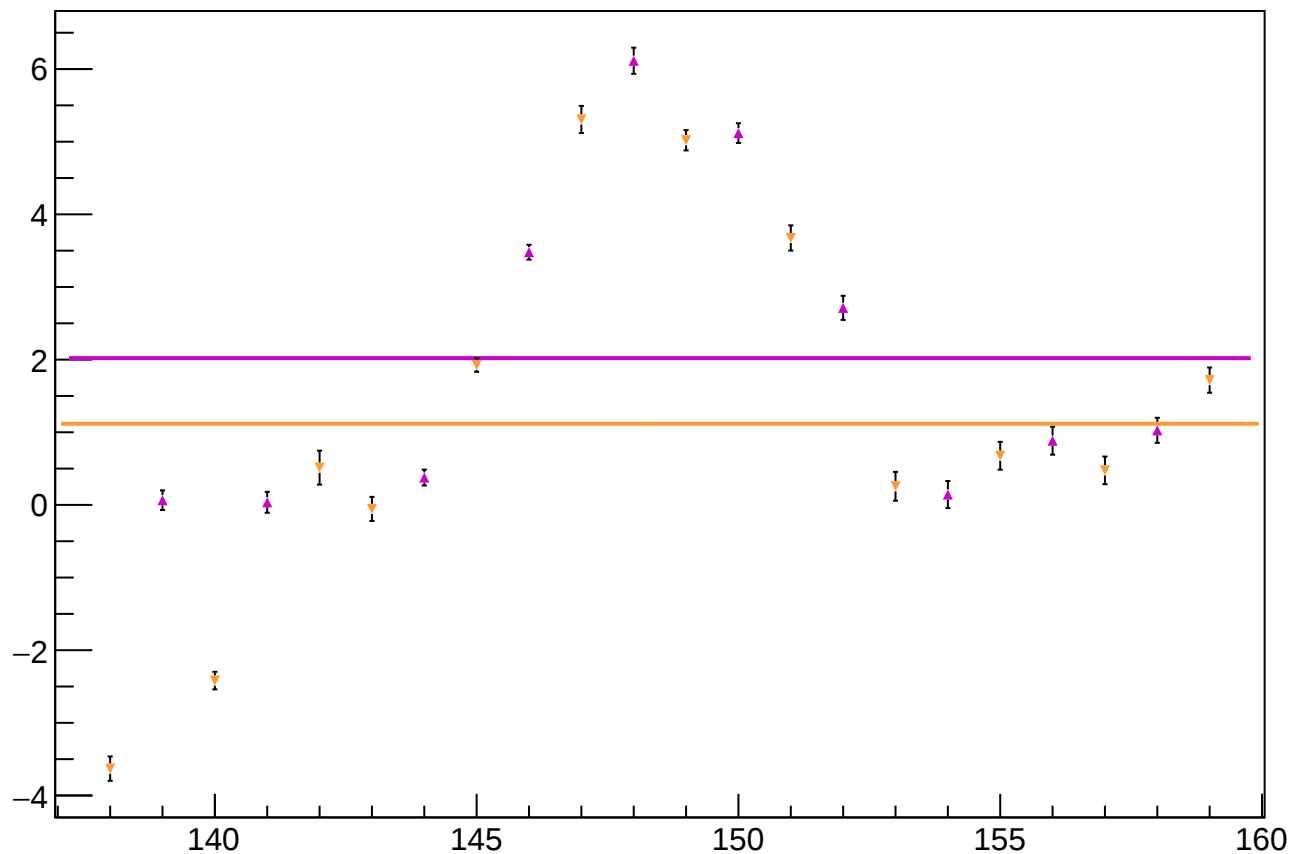
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.257+/-0.005 χ^2/NDF : 494.4/9

Out: -0.255+/-0.005 χ^2/NDF : 656.1/11

All: -0.256+/-0.004 χ^2/NDF : 1150.6/21

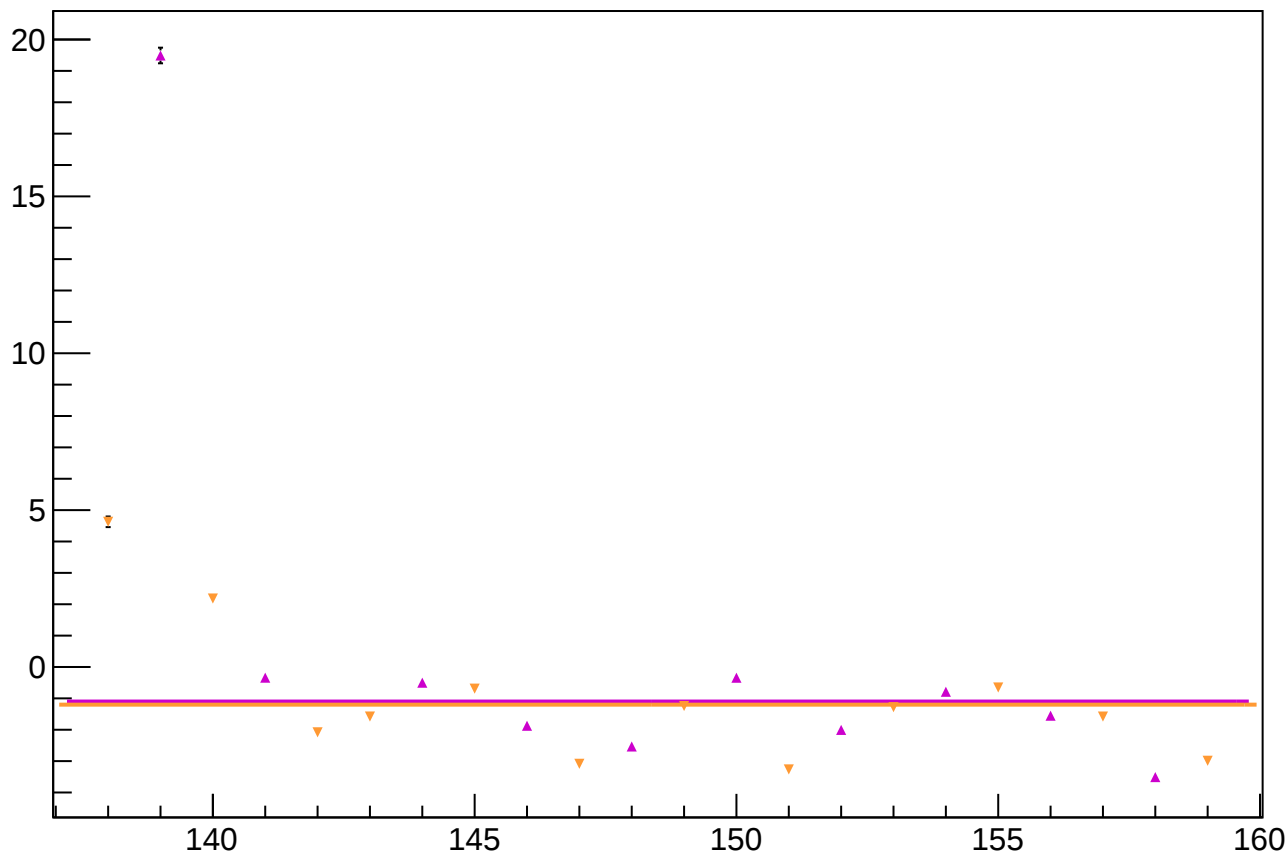
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.118+/-0.045 χ^2/NDF :3331.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.021+/-0.045 χ^2/NDF :2052.5/9

Left: 1.567+/-0.032 χ^2/NDF : 5585.8/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.021+/-0.045 χ^2/NDF :2052.5/9
 Out: 1.118+/-0.045 χ^2/NDF :3331.4/11
 All: 1.567+/-0.032 χ^2/NDF : 5585.8/21

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



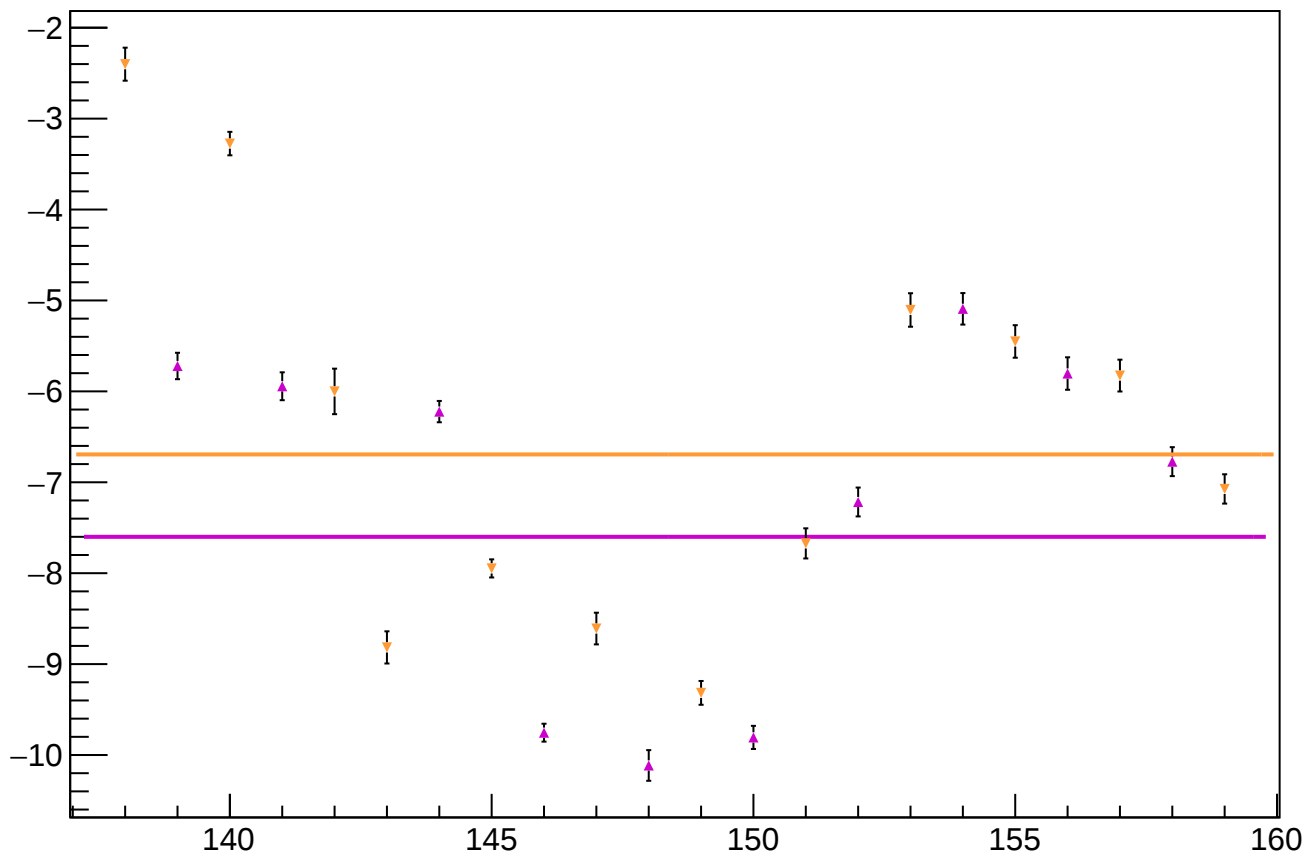
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.200+/-0.032 χ^2/NDF : 3516.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.101+/-0.032 χ^2/NDF : 7886.2/9

Left: -1.151+/-0.022 χ^2/NDF : 11408.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.101+/-0.032 χ^2/NDF : 7886.2/9
 Out: -1.200+/-0.032 χ^2/NDF : 3516.9/11

All: -1.151+/-0.022 χ^2/NDF : 11408.0/21

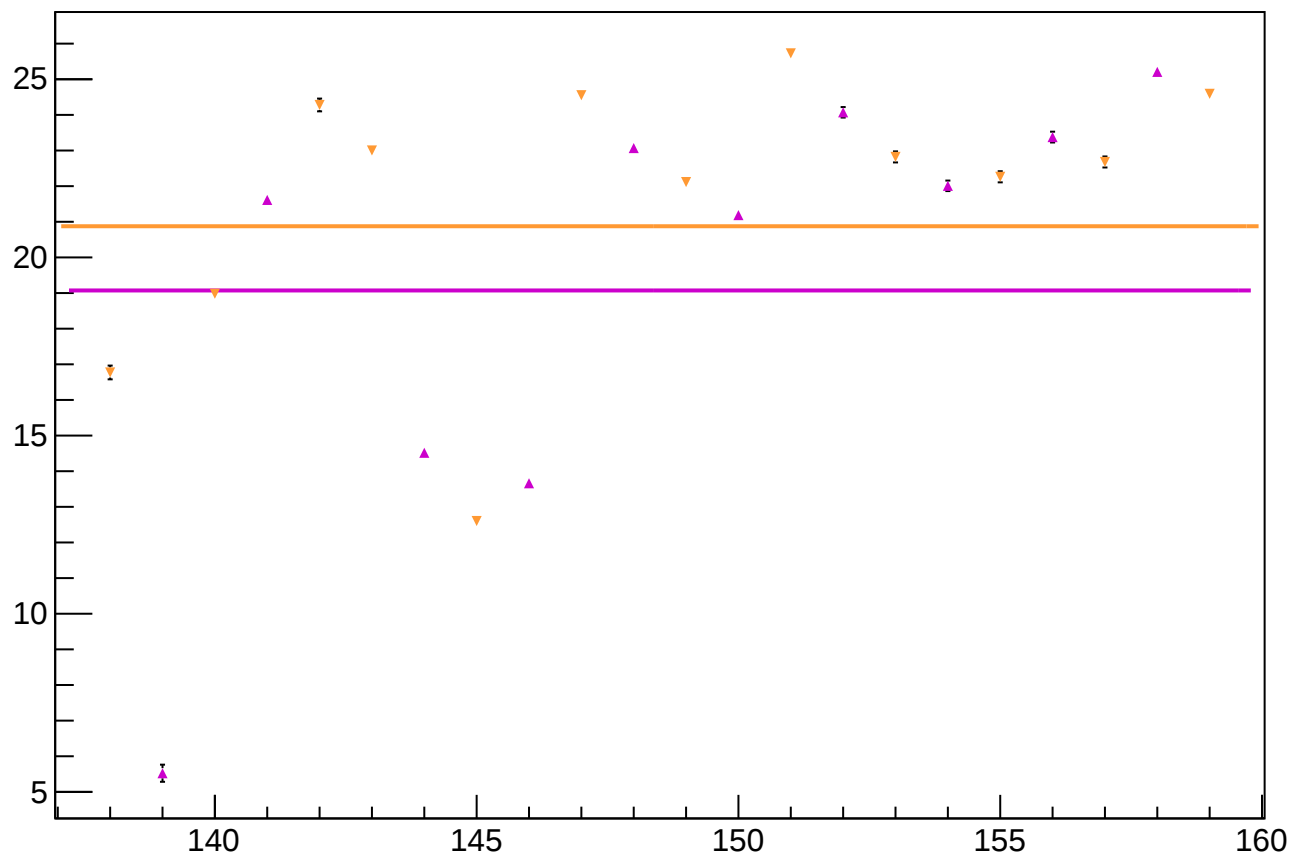
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000±/0.000 χ^2/NDF : 0.0/0
 Left Out: -6.694±/0.045 χ^2/NDF :2280.5/11
 Right Out: 0.000±/0.000 χ^2/NDF : 0.0/0
 Left In: -7.600±/0.044 χ^2/NDF :1766.8/9

Left: -7.150±/0.032 χ^2/NDF : 4253.6/21
 Right: 0.000±/0.000 χ^2/NDF : 0.0/0
 In: -7.600±/0.044 χ^2/NDF :1766.8/9
 Out: -6.694±/0.045 χ^2/NDF :2280.5/11
 All: -7.150±/0.032 χ^2/NDF : 4253.6/21

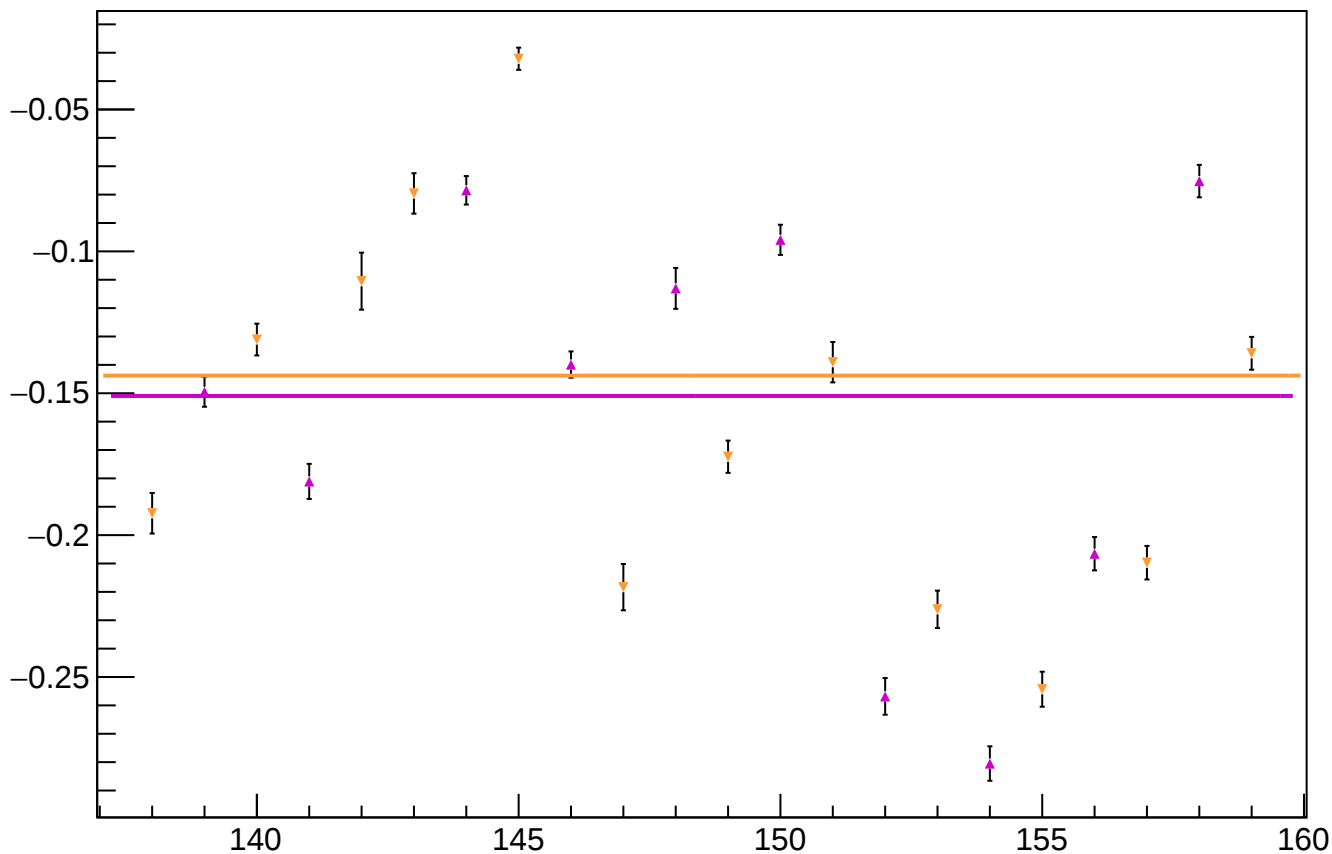
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.875+/-0.038 χ^2/NDF :13729.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.073+/-0.038 χ^2/NDF :16532.7/9

Left: 19.977+/-0.027 χ^2/NDF : 31402.9/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.073+/-0.038 χ^2/NDF :16532.7/9
 Out: 20.875+/-0.038 χ^2/NDF :13729.7/11
 All: 19.977+/-0.027 χ^2/NDF : 31402.9/21

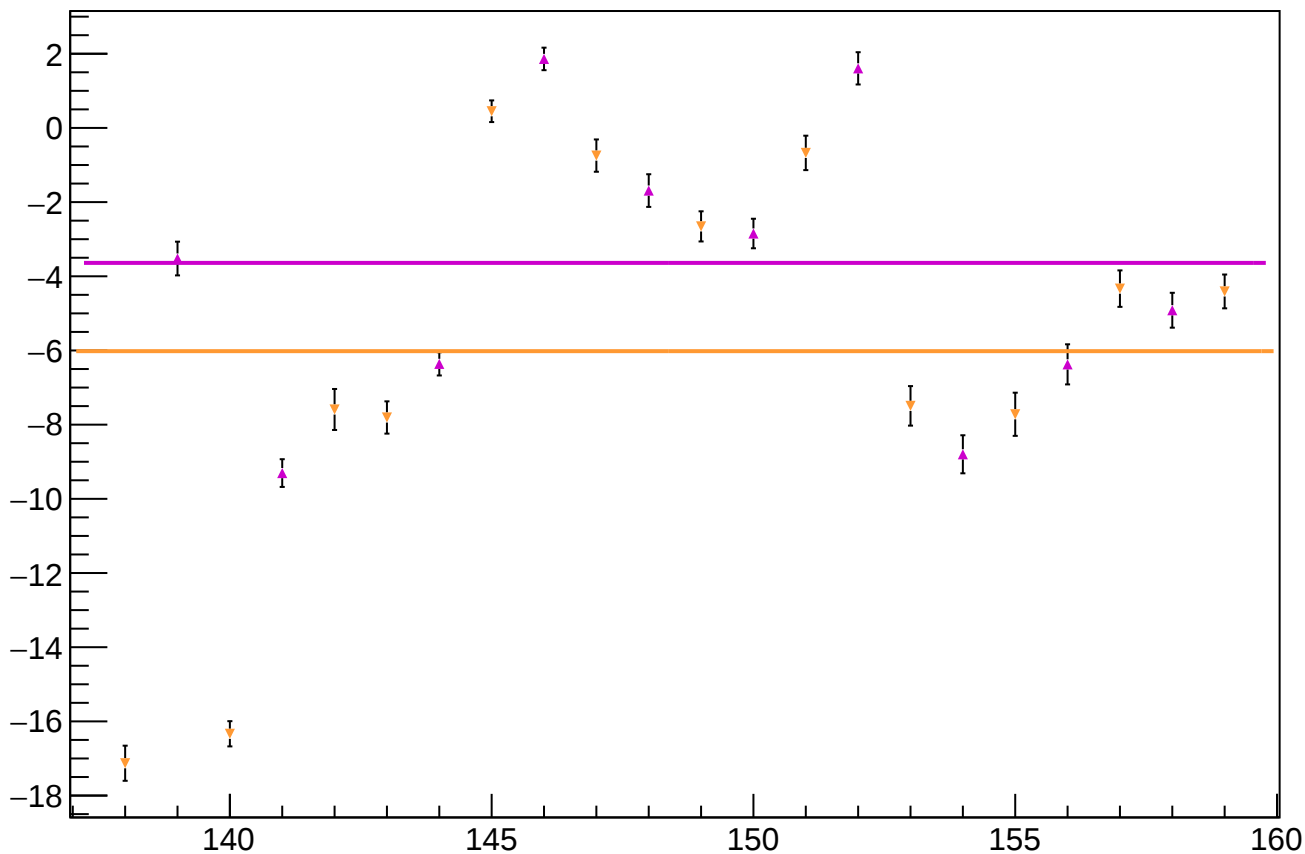
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.144 ± 0.002 $\chi^2/\text{NDF}: 1672.3/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.151 ± 0.002 $\chi^2/\text{NDF}: 1358.9/9$

Left: -0.147 ± 0.001 $\chi^2/\text{NDF}: 3039.4/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.151 ± 0.002 $\chi^2/\text{NDF}: 1358.9/9$
 Out: -0.144 ± 0.002 $\chi^2/\text{NDF}: 1672.3/11$
 All: -0.147 ± 0.001 $\chi^2/\text{NDF}: 3039.4/21$

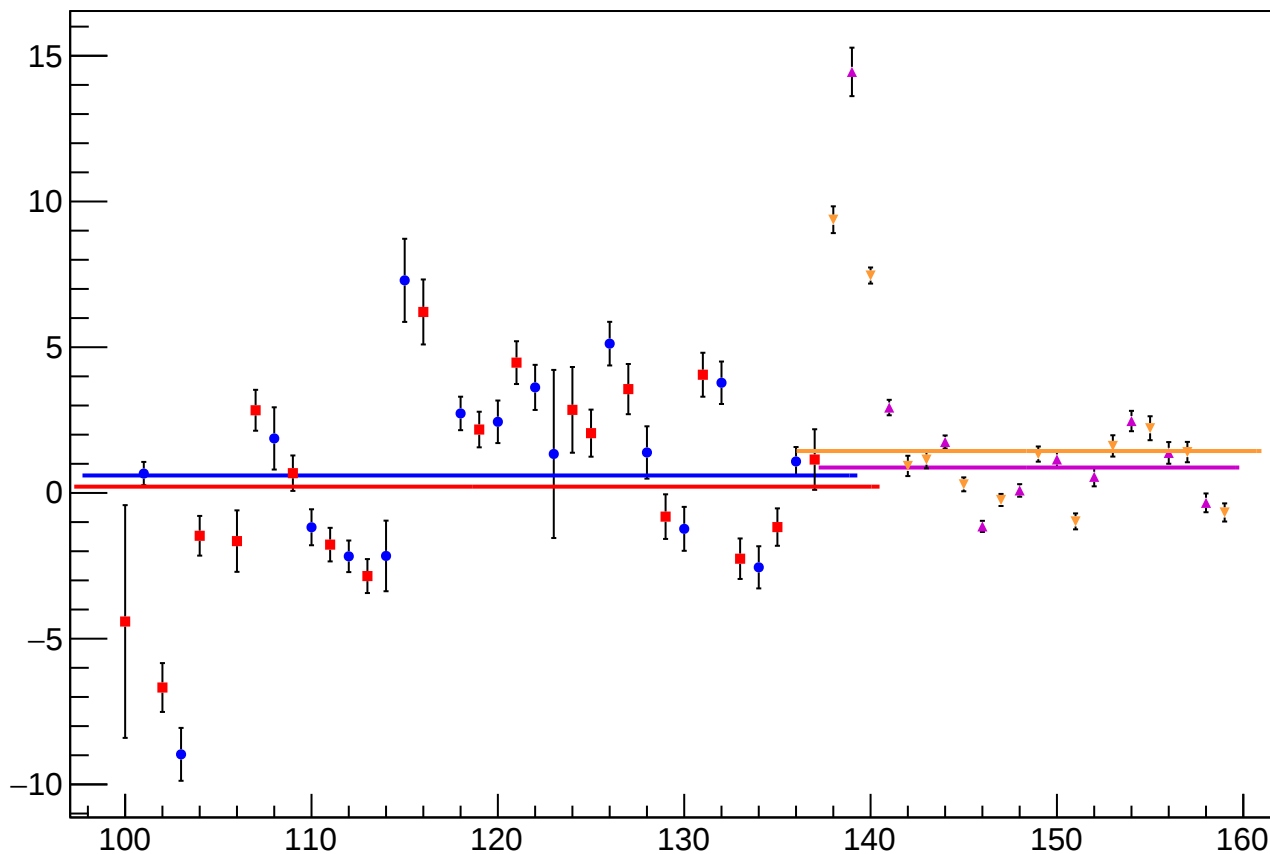
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.018+/-0.124 χ^2/NDF :2374.8/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.639+/-0.127 χ^2/NDF :937.0/9

Left: -4.859+/-0.089 χ^2/NDF : 3490.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.639+/-0.127 χ^2/NDF :937.0/9
 Out: -6.018+/-0.124 χ^2/NDF :2374.8/11
 All: -4.859+/-0.089 χ^2/NDF : 3490.6/21

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.438 ± 0.085 χ^2/NDF : 992.8/11

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.872 ± 0.087 χ^2/NDF : 506.1/9

Left: 1.161 ± 0.061 χ^2/NDF : 1520.7/21

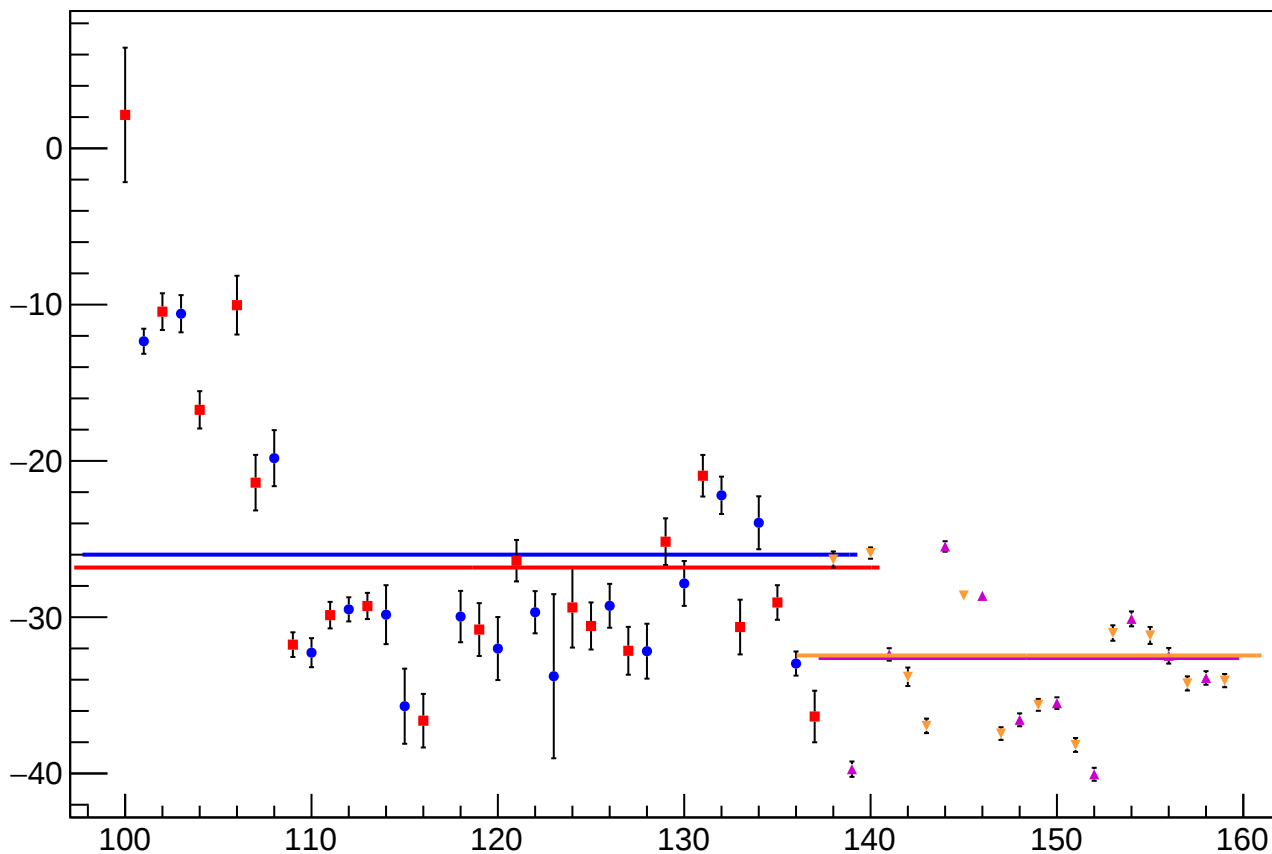
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.816 ± 0.077 χ^2/NDF : 800.1/26

Out: 1.204 ± 0.076 χ^2/NDF : 1306.9/30

All: 1.011 ± 0.054 χ^2/NDF : 2119.8/57

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 $\chi^2/\text{NDF}: 692.6/16$

Left Out: -32.450 ± 0.124 $\chi^2/\text{NDF}: 1155.0/11$

Right Out: -26.821 ± 0.298 $\chi^2/\text{NDF}: 580.9/18$

Left In: -32.611 ± 0.125 $\chi^2/\text{NDF}: 1356.6/9$

Left: -32.529 ± 0.088 $\chi^2/\text{NDF}: 2512.4/21$

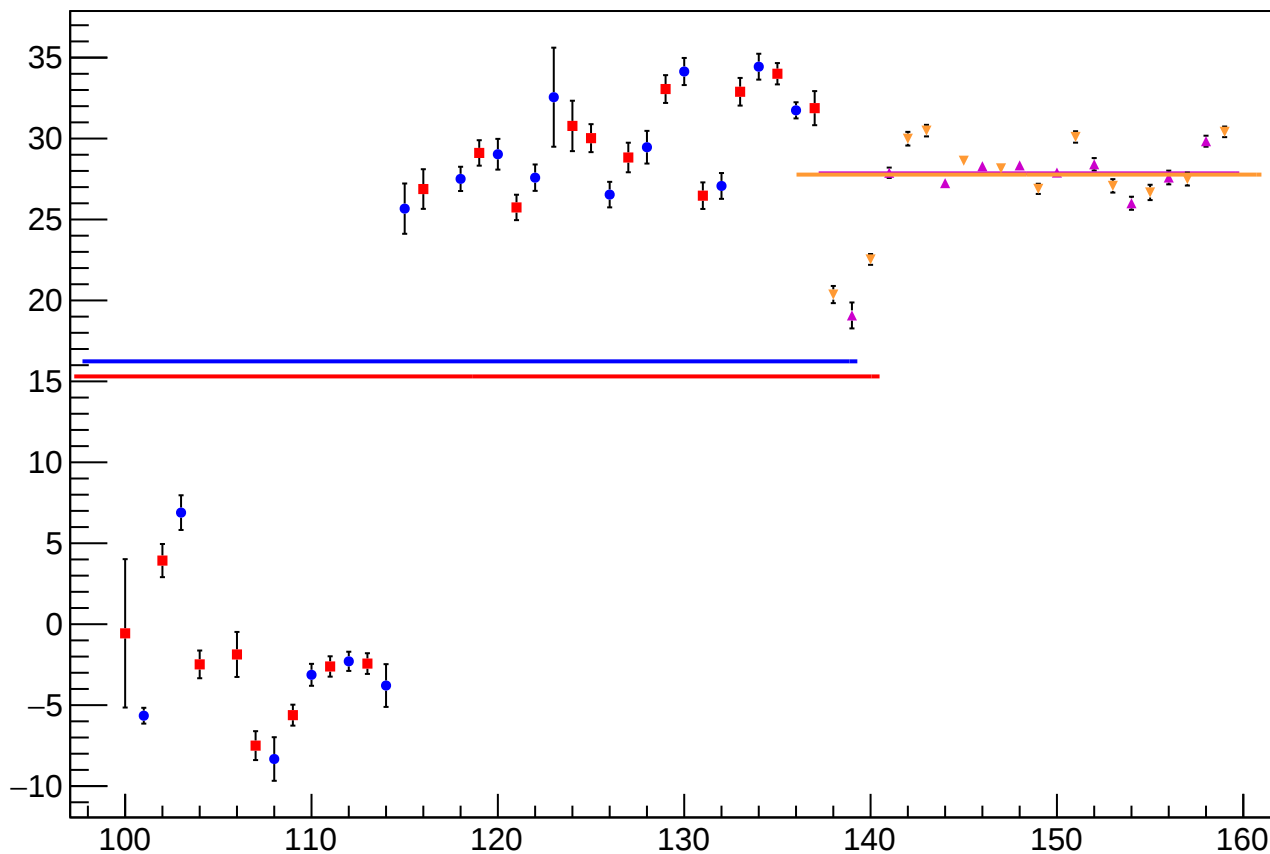
Right: -26.413 ± 0.211 $\chi^2/\text{NDF}: 1277.3/35$

In: -31.629 ± 0.116 $\chi^2/\text{NDF}: 2462.6/26$

Out: -31.621 ± 0.114 $\chi^2/\text{NDF}: 2041.1/30$

All: -31.625 ± 0.081 $\chi^2/\text{NDF}: 4503.7/57$

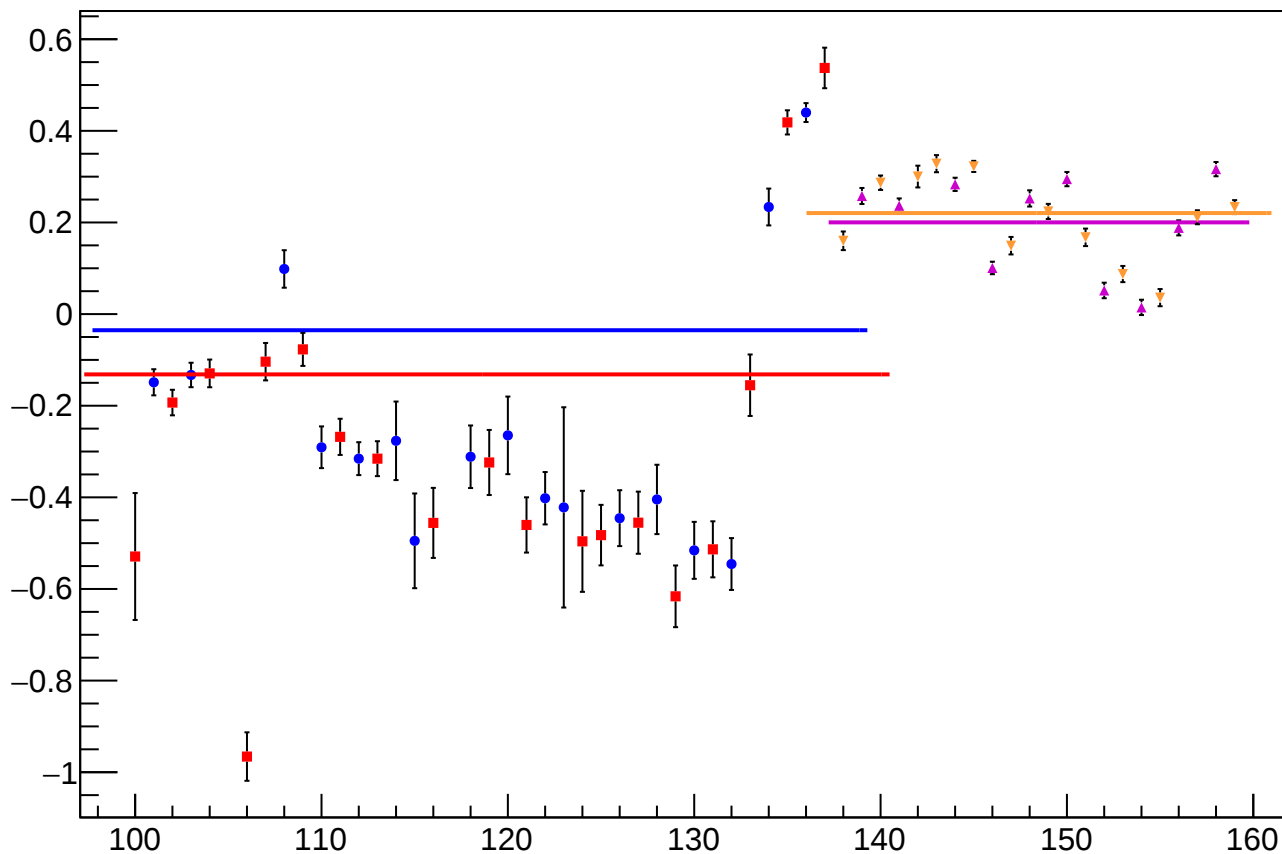
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 27.773 $\pm$ 0.102 χ^2 /NDF:662.8/11
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 27.850 $\pm$ 0.104 χ^2 /NDF:188.6/9

Left: 27.811 $\pm$ 0.073 χ^2 /NDF: 851.7/21
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 25.183 $\pm$ 0.092 χ^2 /NDF:10604.9/26
 Out: 25.121 $\pm$ 0.091 χ^2 /NDF:11088.6/30
 All: 25.152 $\pm$ 0.065 χ^2 /NDF: 21693.7/57

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: 0.221+/-0.005 χ^2/NDF : 317.7/11

Right Out: -0.132+/-0.010 χ^2/NDF : 1169.8/18

Left In: 0.200+/-0.005 χ^2/NDF : 403.2/9

Left: 0.211+/-0.004 χ^2/NDF : 729.2/21

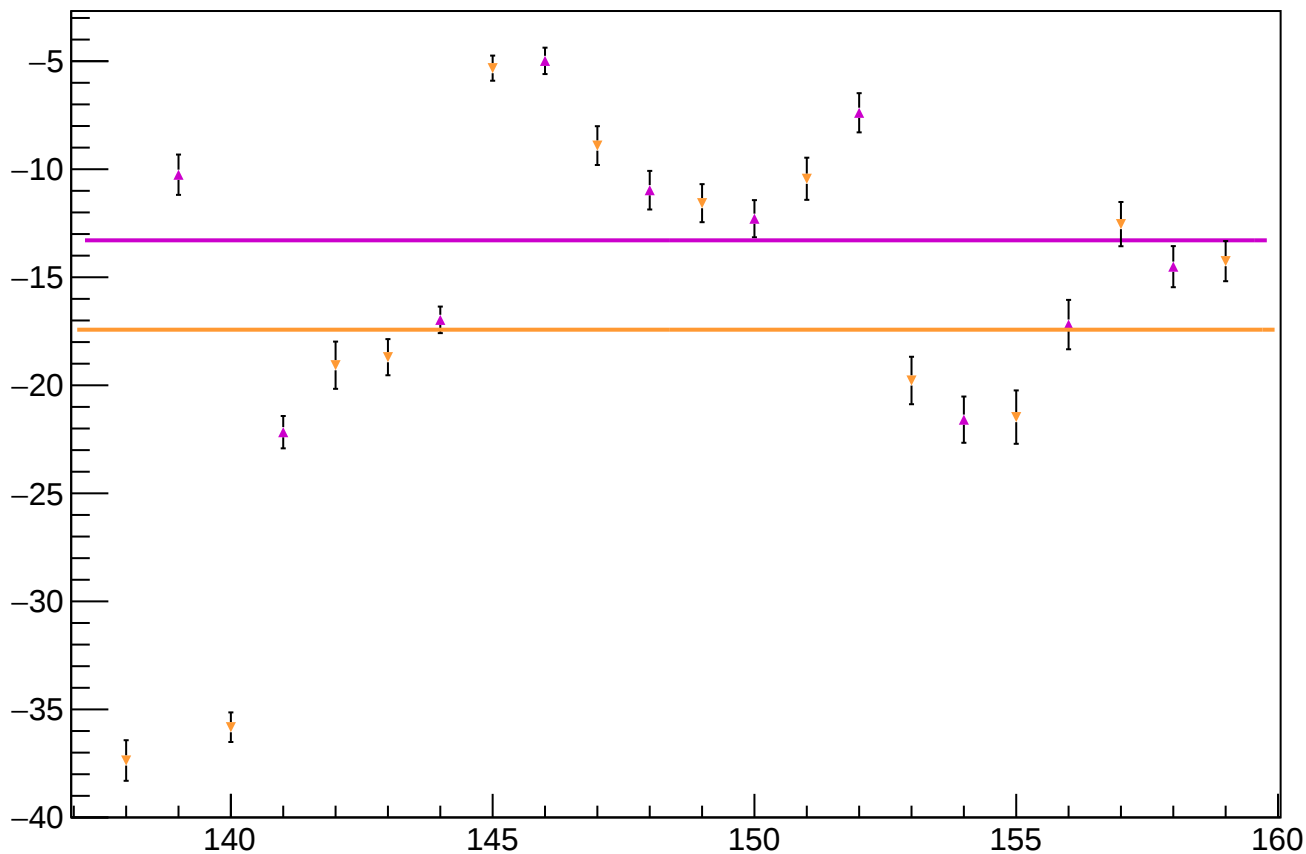
Right: -0.083+/-0.007 χ^2/NDF : 2226.9/35

In: 0.155+/-0.005 χ^2/NDF : 1836.9/26

Out: 0.156+/-0.004 χ^2/NDF : 2431.9/30

All: 0.156+/-0.003 χ^2/NDF : 4268.9/57

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -17.427 $\pm$ 0.253 χ^2/NDF :1845.4/11

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -13.291 $\pm$ 0.260 χ^2/NDF :496.2/9

Left: -15.415 $\pm$ 0.181 χ^2/NDF : 2471.9/21

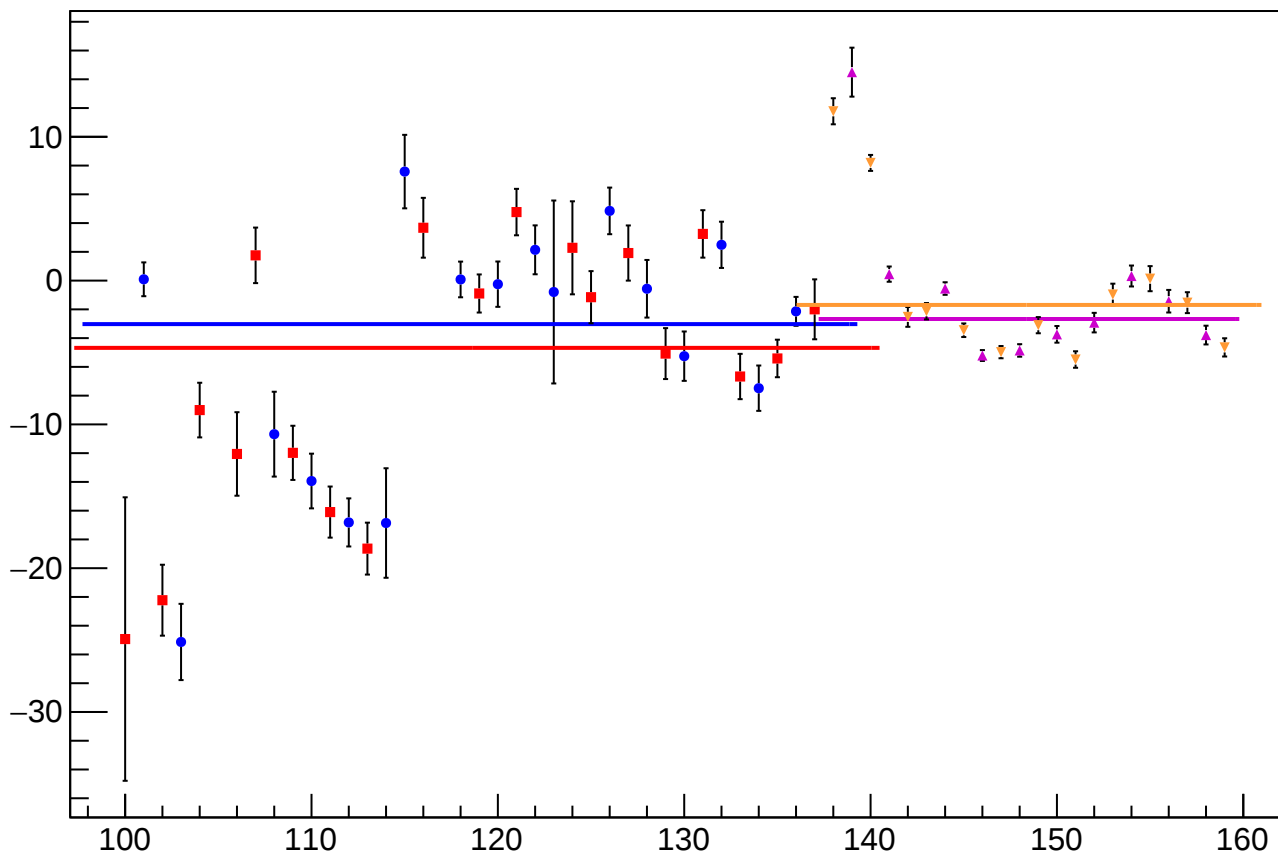
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -13.291 $\pm$ 0.260 χ^2/NDF :496.2/9

Out: -17.427 $\pm$ 0.253 χ^2/NDF :1845.4/11

All: -15.415 $\pm$ 0.181 χ^2/NDF : 2471.9/21

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.692 ± 0.173 χ^2/NDF : 689.5/11

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.670 ± 0.176 χ^2/NDF : 256.0/9

Left: -2.175 ± 0.123 χ^2/NDF : 961.3/21

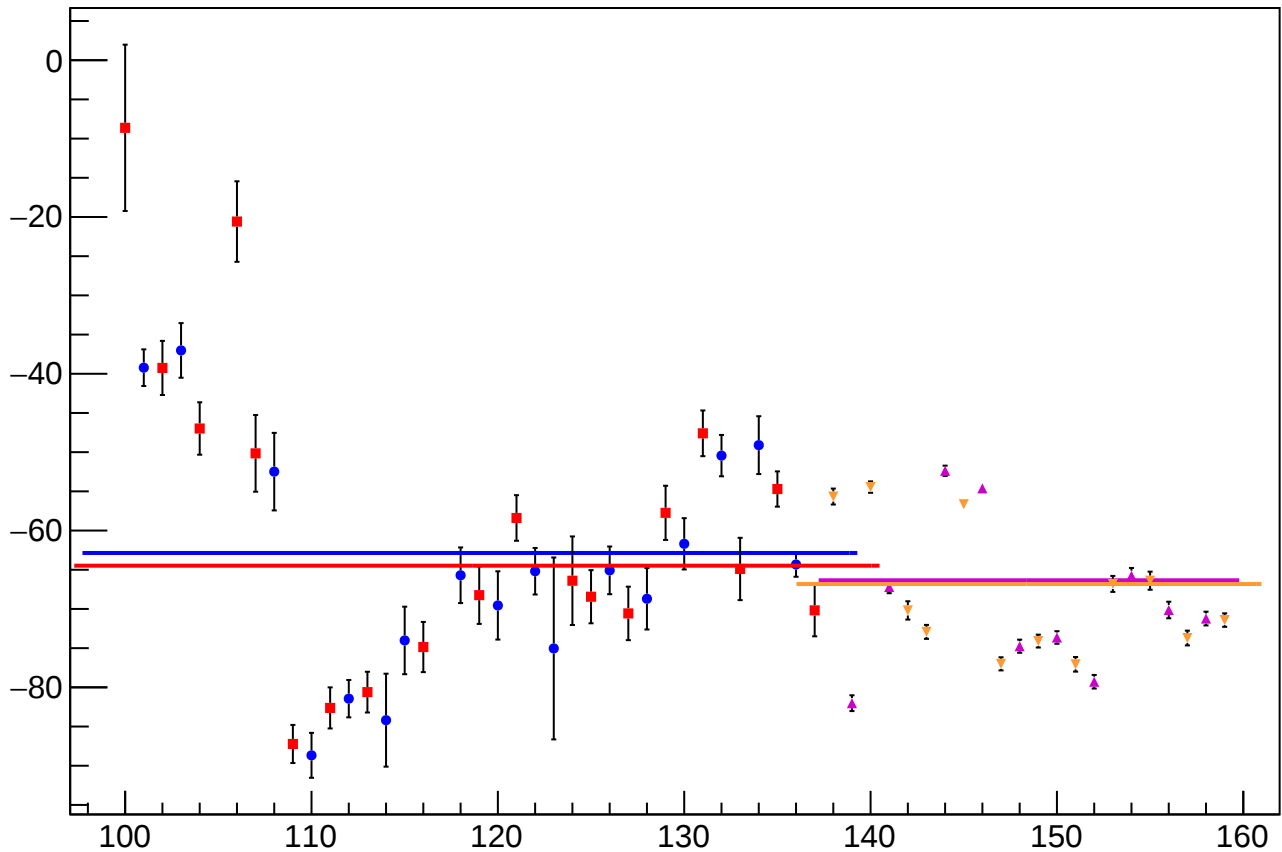
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.726 ± 0.161 χ^2/NDF : 537.3/26

Out: -2.116 ± 0.161 χ^2/NDF : 1030.7/30

All: -2.419 ± 0.114 χ^2/NDF : 1575.2/57

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -66.818 ± 0.252 $\chi^2/\text{NDF}: 1163.3/11$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -66.344 ± 0.256 $\chi^2/\text{NDF}: 1542.8/9$

Left: -66.584 ± 0.180 $\chi^2/\text{NDF}: 2707.8/21$

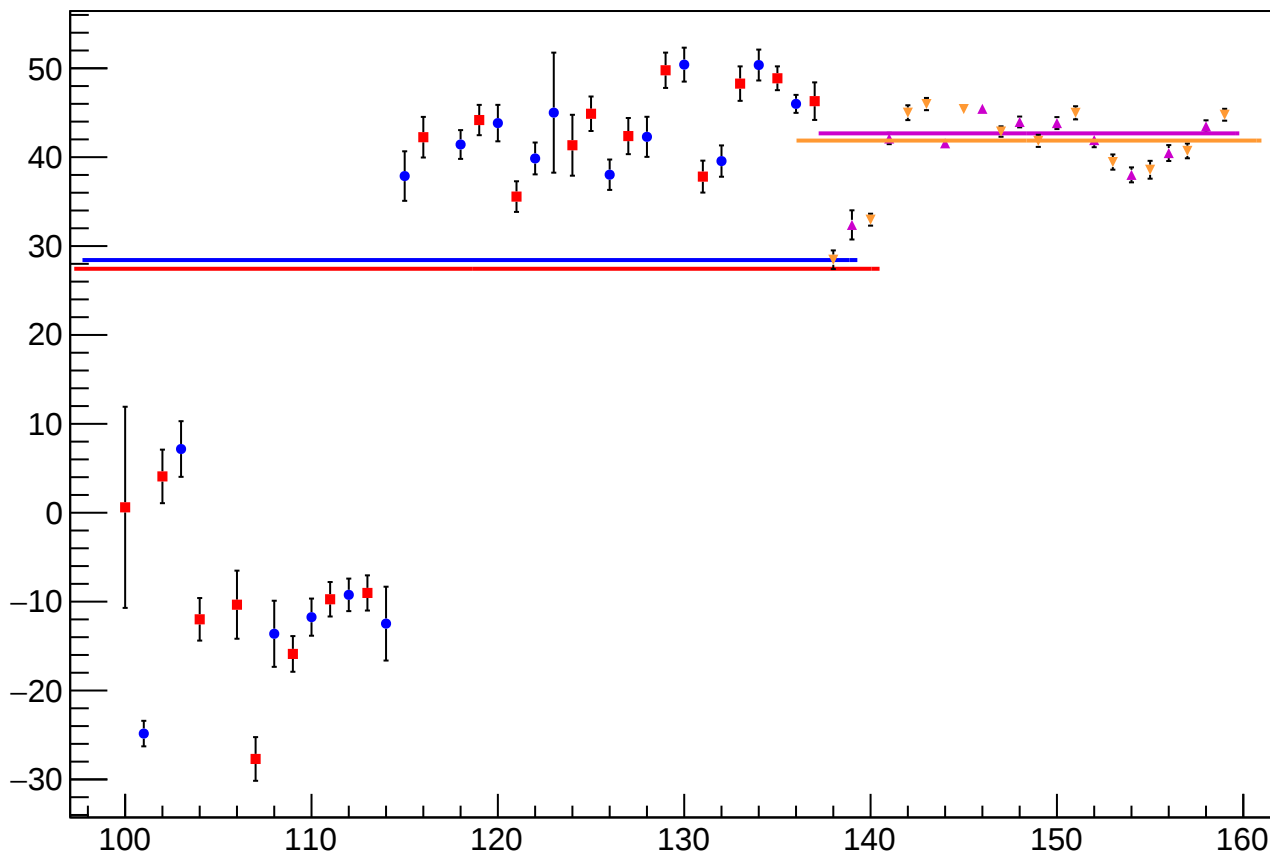
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -65.971 ± 0.242 $\chi^2/\text{NDF}: 1930.4/26$

Out: -66.581 ± 0.239 $\chi^2/\text{NDF}: 1616.0/30$

All: -66.279 ± 0.170 $\chi^2/\text{NDF}: 3549.6/57$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.868 $\pm$ 0.209 χ^2 /NDF: 491.5/11

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.677 $\pm$ 0.212 χ^2 /NDF: 125.0/9

Left: 42.266 $\pm$ 0.149 χ^2 /NDF: 623.8/21

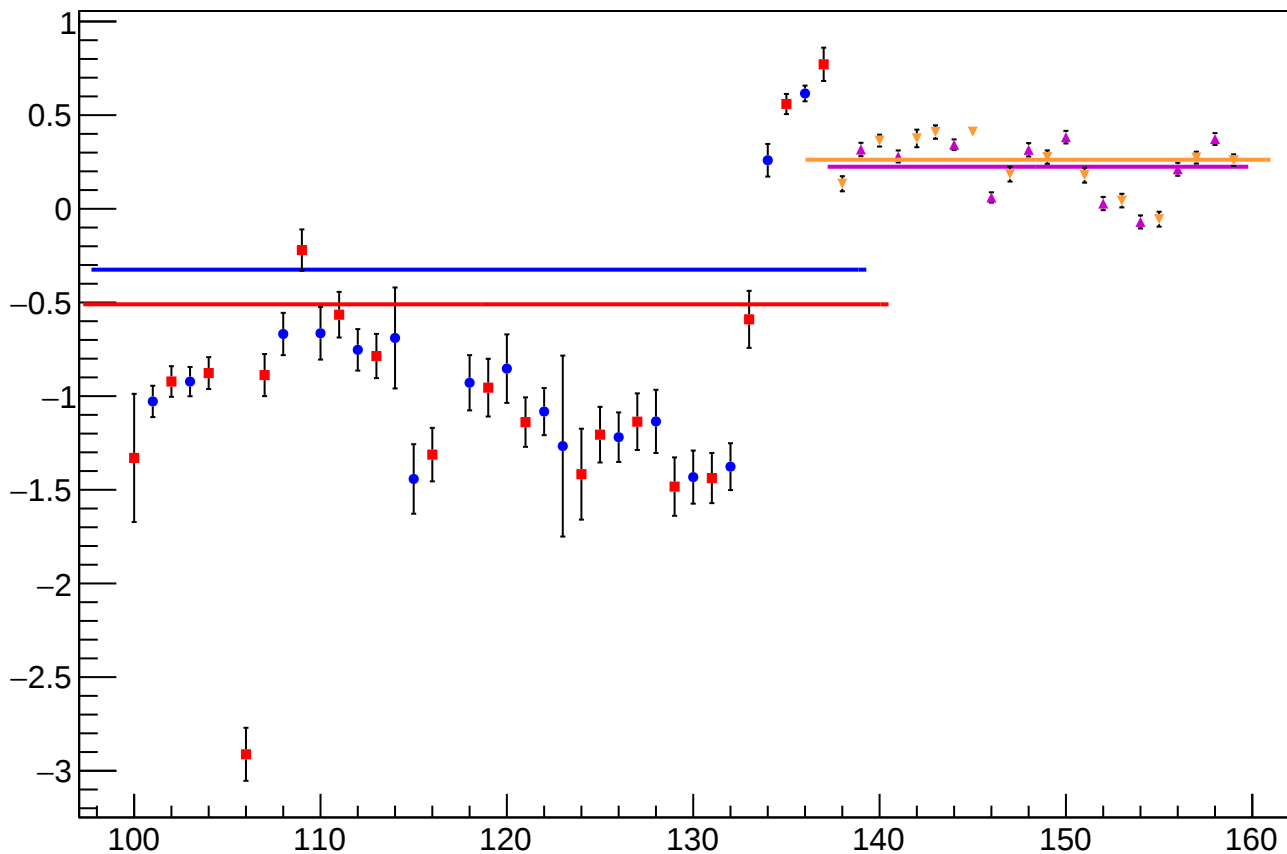
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 40.155 $\pm$ 0.193 χ^2 /NDF: 4244.9/26

Out: 39.561 $\pm$ 0.191 χ^2 /NDF: 4288.7/30

All: 39.856 $\pm$ 0.136 χ^2 /NDF: 8538.4/57

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.262 ± 0.010 χ^2/NDF : 188.9/11

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.225 ± 0.010 χ^2/NDF : 214.8/9

Left: 0.244 ± 0.007 χ^2/NDF : 410.4/21

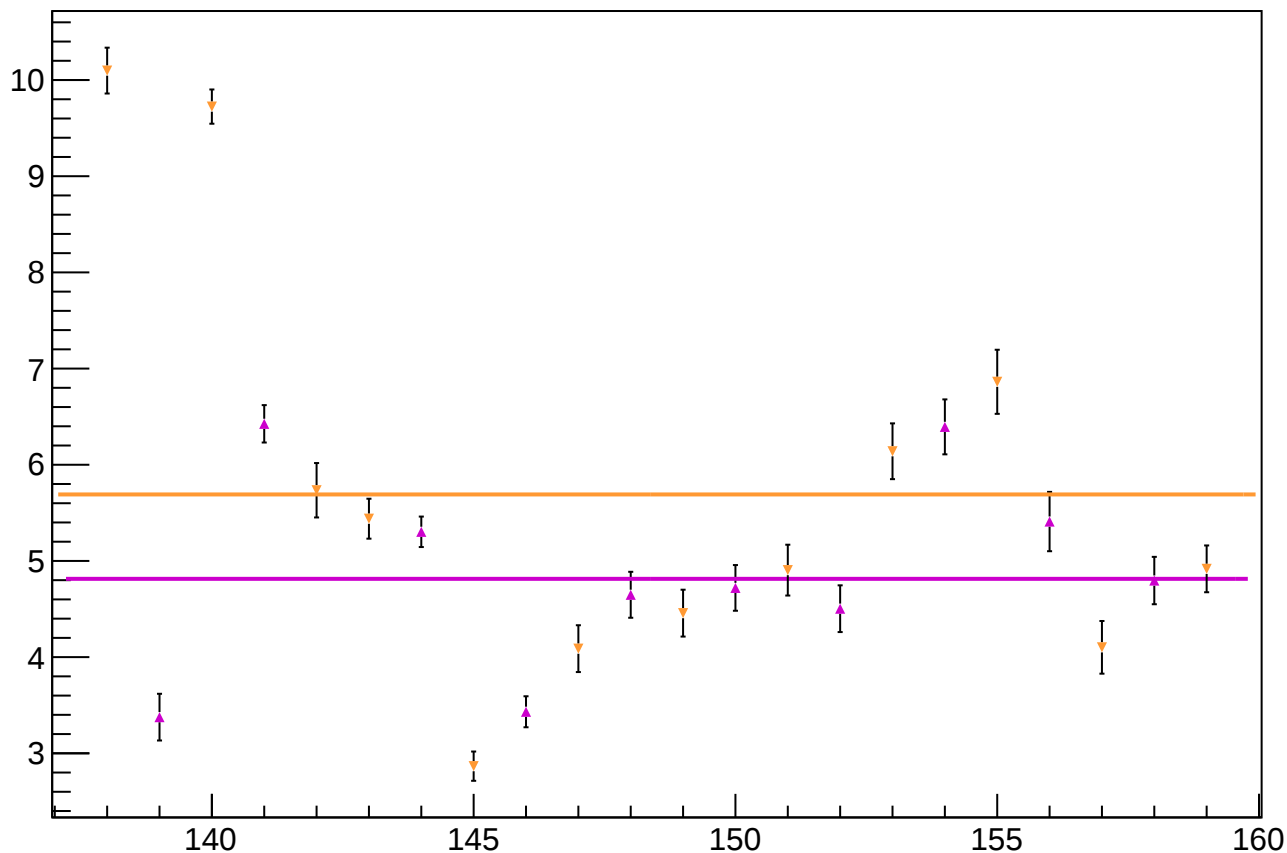
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.144 ± 0.010 χ^2/NDF : 1641.6/26

Out: 0.160 ± 0.009 χ^2/NDF : 2141.3/30

All: 0.152 ± 0.007 χ^2/NDF : 3784.4/57

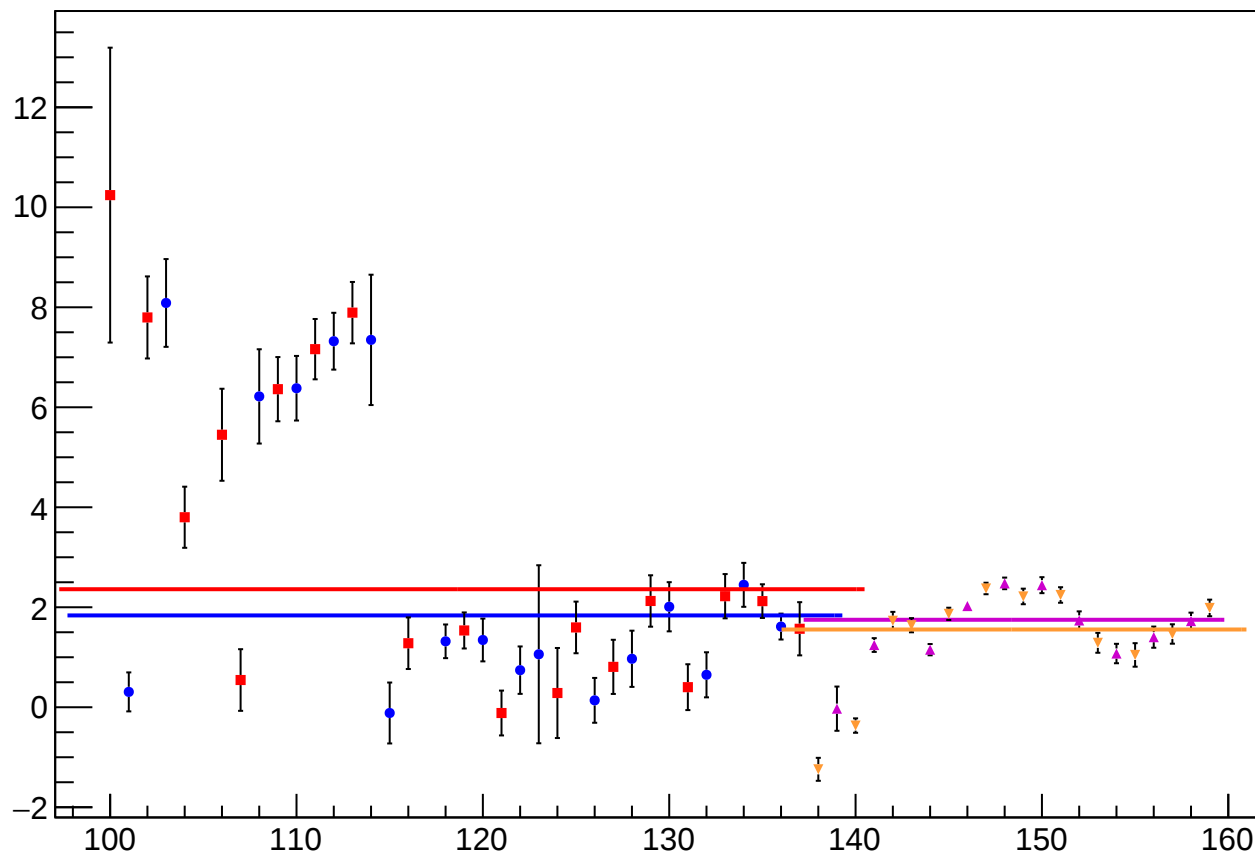
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.691 $\pm$ 0.066 χ^2 /NDF:1337.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.814 $\pm$ 0.068 χ^2 /NDF:223.5/9

Left: 5.267 $\pm$ 0.048 χ^2 /NDF: 1645.9/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.814 $\pm$ 0.068 χ^2 /NDF:223.5/9
 Out: 5.691 $\pm$ 0.066 χ^2 /NDF:1337.7/11
 All: 5.267 $\pm$ 0.048 χ^2 /NDF: 1645.9/21

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.555 ± 0.046 χ^2/NDF : 435.5/11

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.750 ± 0.046 χ^2/NDF : 138.4/9

Left: 1.651 ± 0.033 χ^2/NDF : 582.8/21

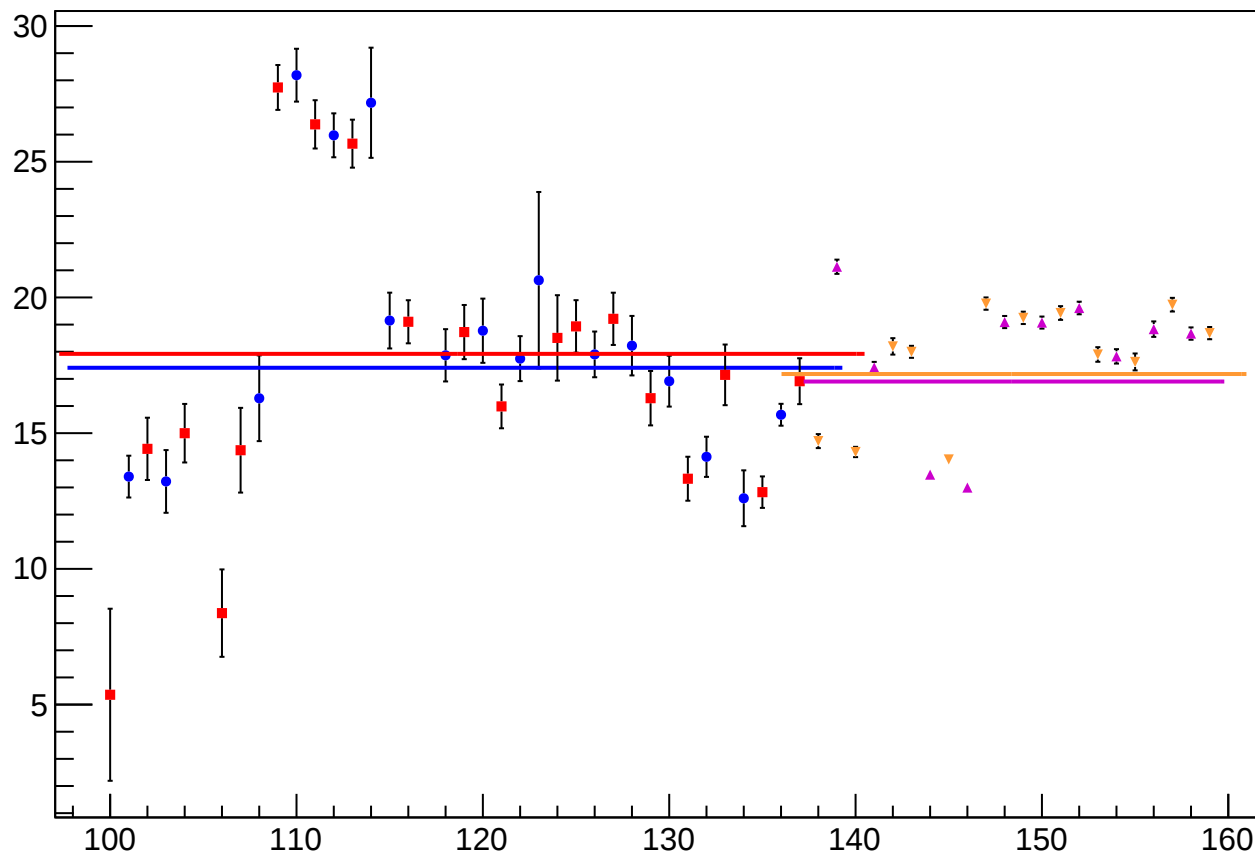
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.761 ± 0.043 χ^2/NDF : 433.0/26

Out: 1.654 ± 0.043 χ^2/NDF : 810.4/30

All: 1.707 ± 0.030 χ^2/NDF : 1246.6/57

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 χ^2/NDF : 365.1/16

Left Out: 17.179 ± 0.066 χ^2/NDF : 1173.2/11

Right Out: 17.922 ± 0.219 χ^2/NDF : 506.5/18

Left In: 16.902 ± 0.068 χ^2/NDF : 1758.2/9

Left: 17.043 ± 0.047 χ^2/NDF : 2940.0/21

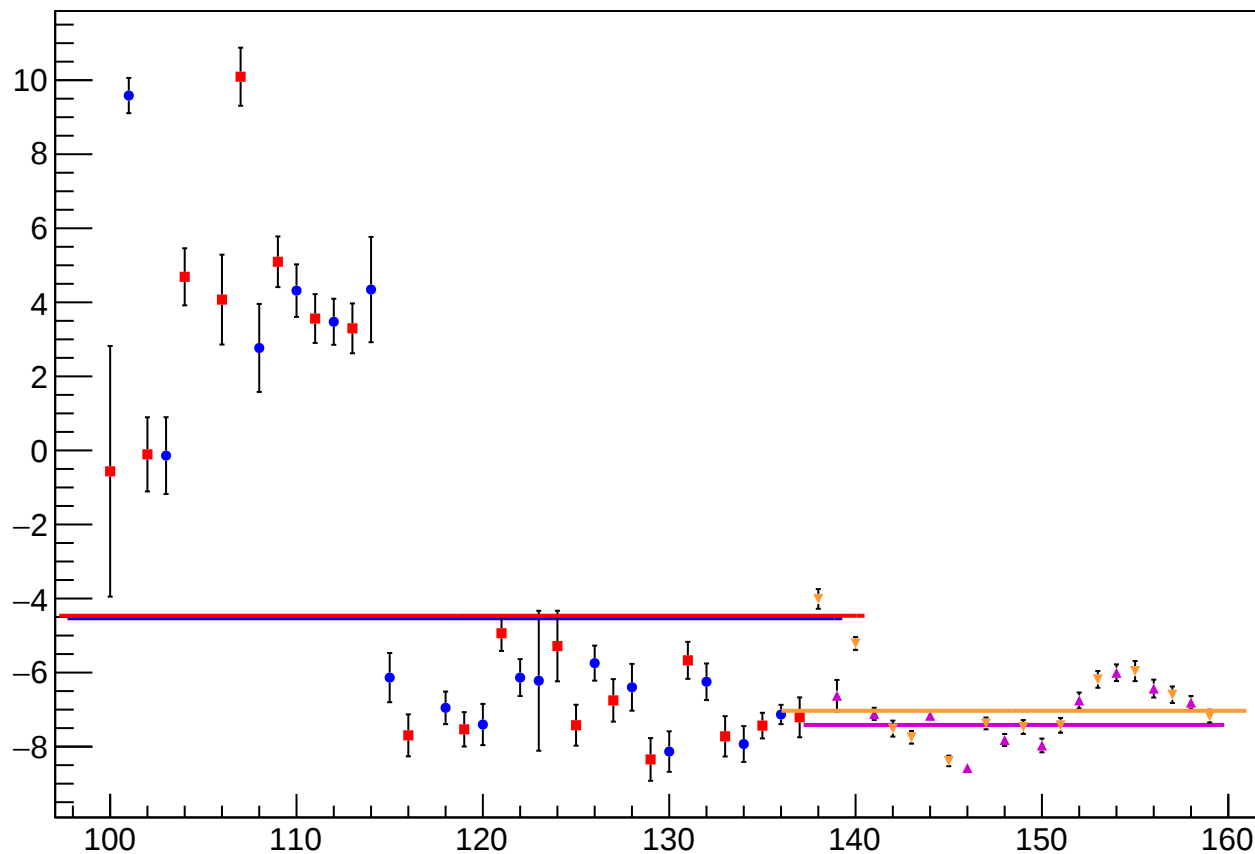
Right: 17.657 ± 0.152 χ^2/NDF : 874.4/35

In: 16.949 ± 0.064 χ^2/NDF : 2128.5/26

Out: 17.242 ± 0.064 χ^2/NDF : 1690.3/30

All: 17.097 ± 0.045 χ^2/NDF : 3829.2/57

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.032 ± 0.055 χ^2/NDF : 399.5/11

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.414 ± 0.056 χ^2/NDF : 189.6/9

Left: -7.219 ± 0.039 χ^2/NDF : 612.9/21

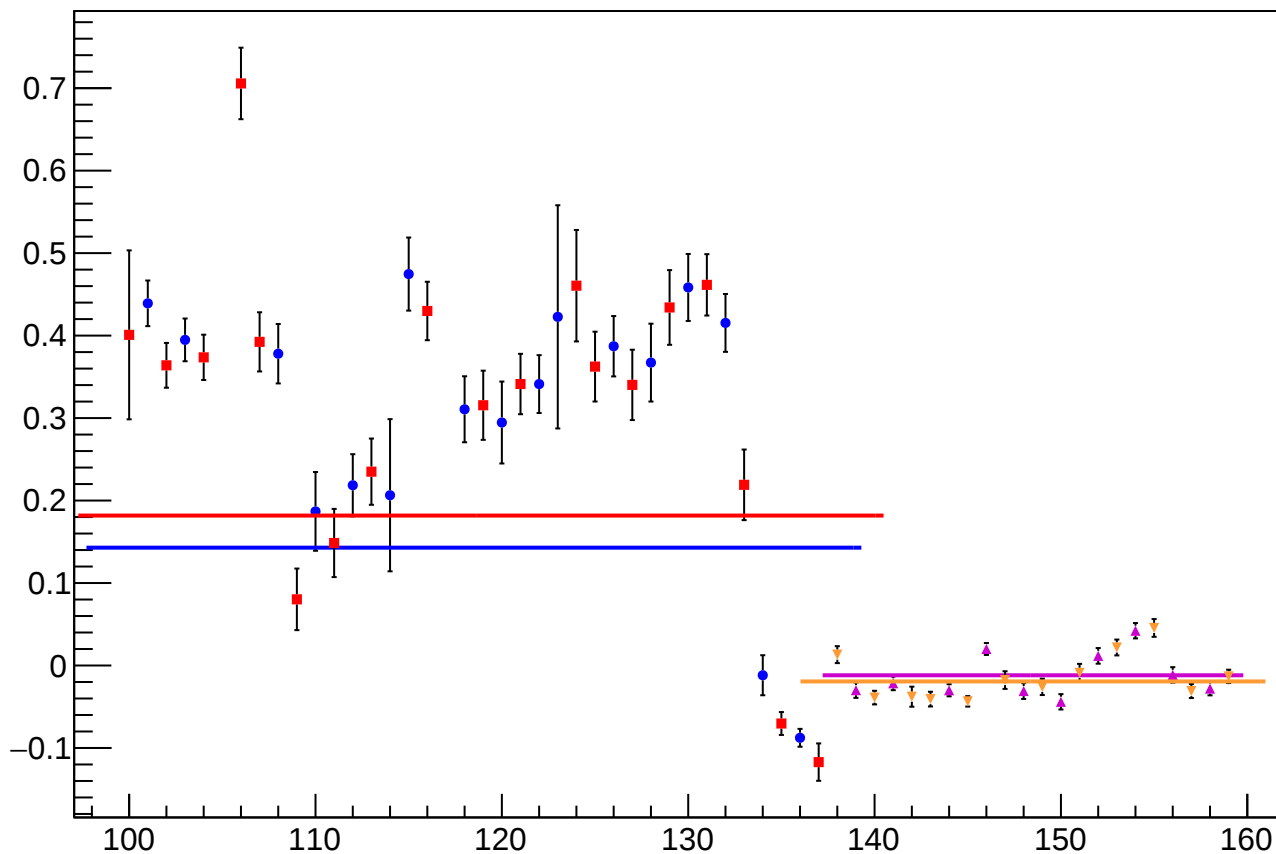
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.961 ± 0.051 χ^2/NDF : 2194.1/26

Out: -6.675 ± 0.051 χ^2/NDF : 2043.3/30

All: -6.817 ± 0.036 χ^2/NDF : 4253.0/57

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: -0.019 ± 0.003 $\chi^2/\text{NDF}: 96.6/11$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.012 ± 0.003 $\chi^2/\text{NDF}: 90.3/9$

Left: -0.016 ± 0.002 $\chi^2/\text{NDF}: 190.8/21$

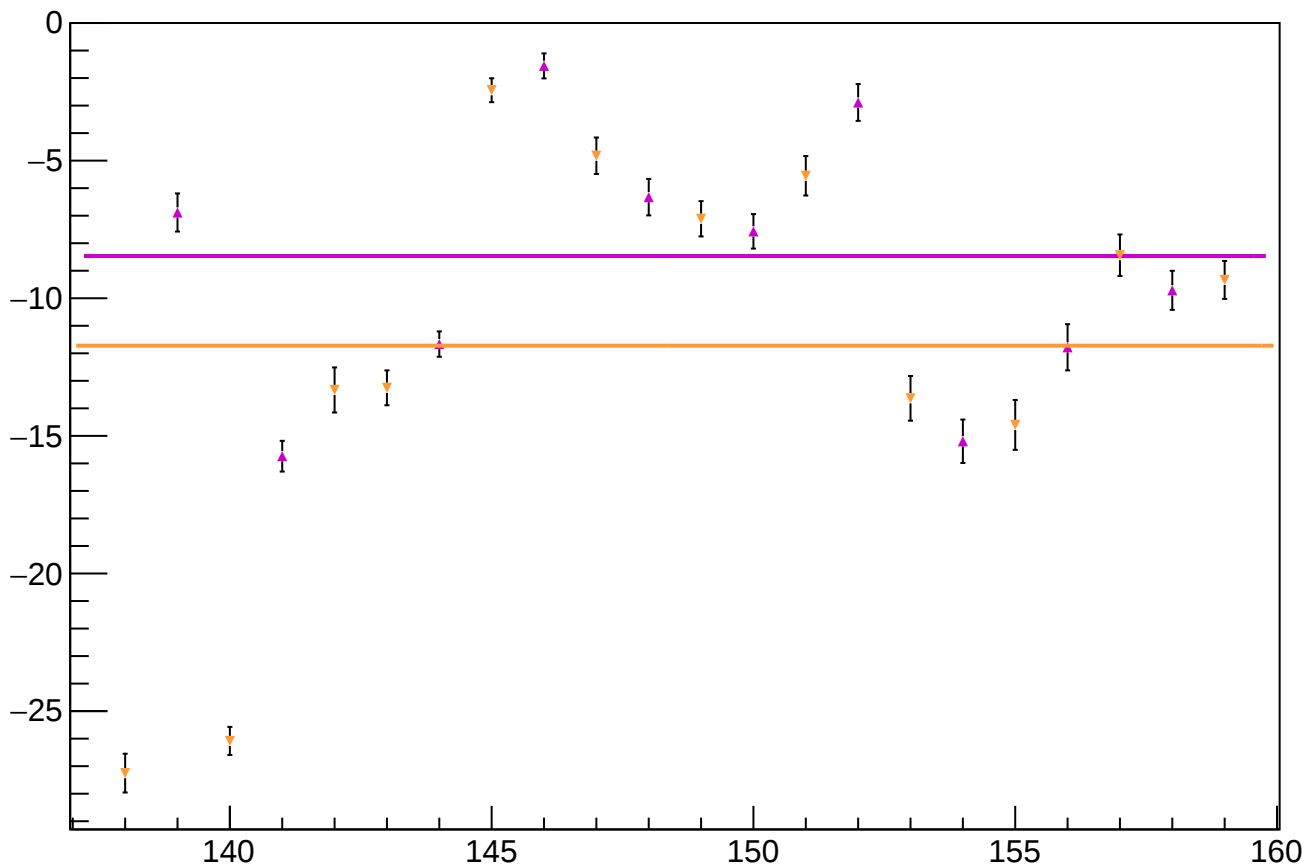
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.008 ± 0.003 $\chi^2/\text{NDF}: 1567.9/26$

Out: 0.003 ± 0.002 $\chi^2/\text{NDF}: 1763.0/30$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3332.8/57$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.723+/-0.188 χ^2/NDF :2024.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.465+/-0.193 χ^2/NDF :627.5/9

Left: -10.137+/-0.134 χ^2/NDF : 2798.7/21

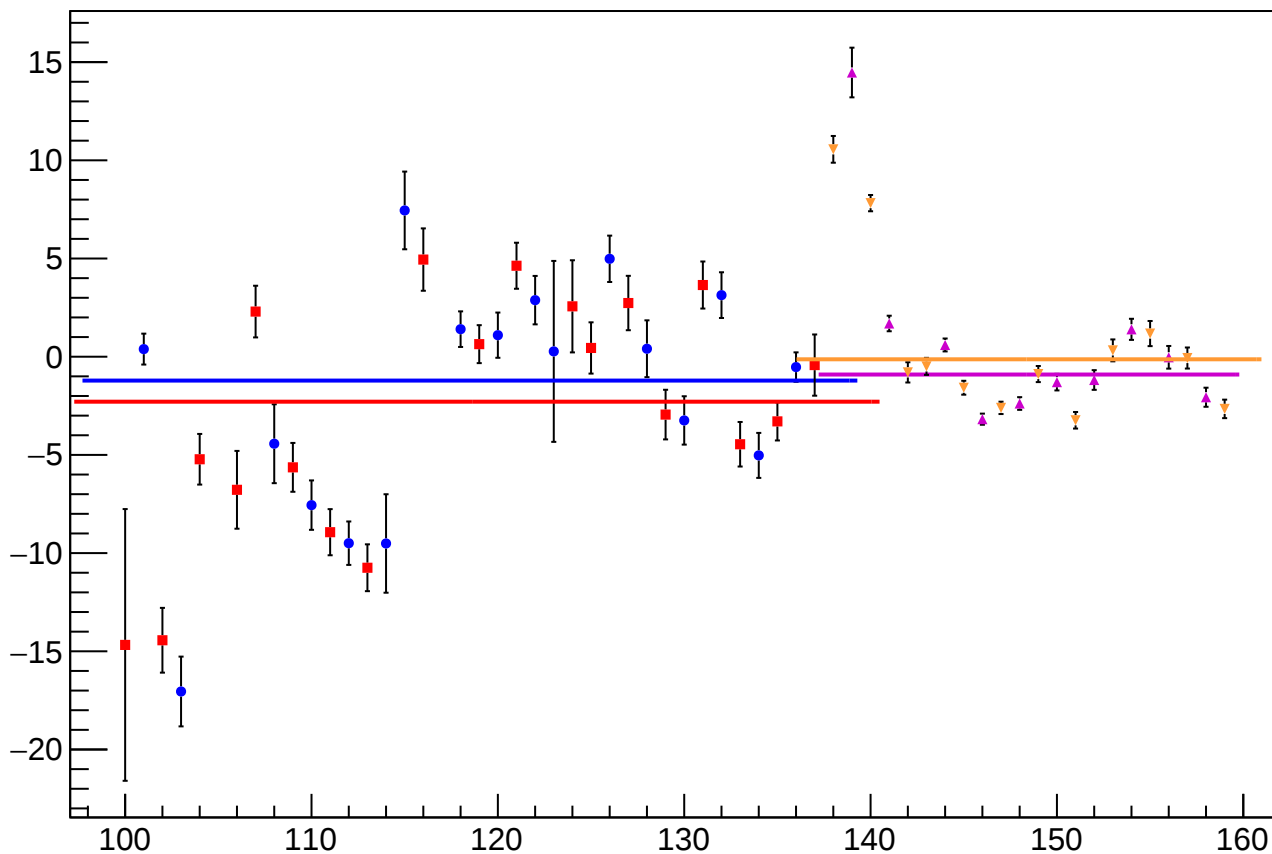
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.465+/-0.193 χ^2/NDF :627.5/9

Out: -11.723+/-0.188 χ^2/NDF :2024.5/11

All: -10.137+/-0.134 χ^2/NDF : 2798.7/21

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: -0.132 ± 0.129 $\chi^2/\text{NDF}: 787.2/11$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -0.907 ± 0.131 $\chi^2/\text{NDF}: 324.9/9$

Left: -0.514 ± 0.092 $\chi^2/\text{NDF}: 1130.0/21$

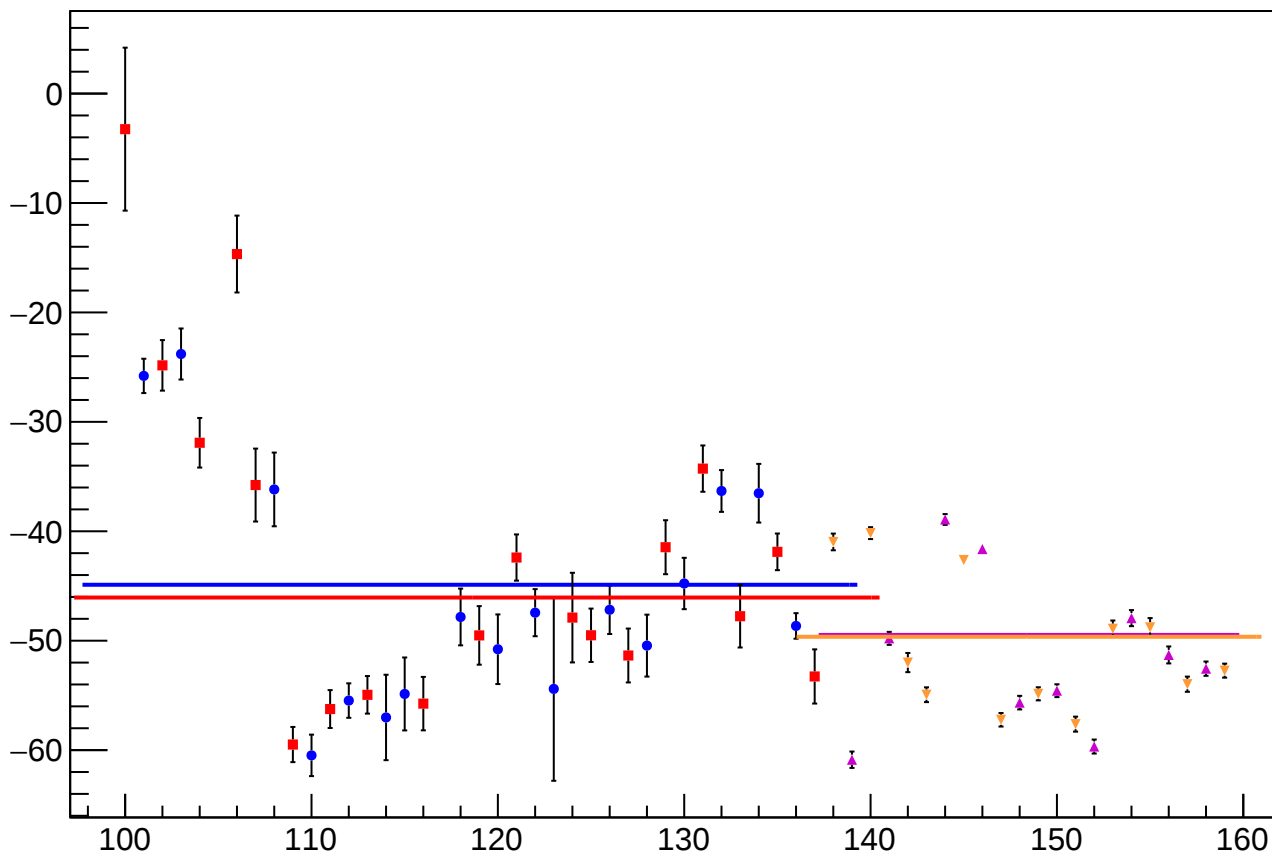
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -0.959 ± 0.119 $\chi^2/\text{NDF}: 604.6/26$

Out: -0.463 ± 0.118 $\chi^2/\text{NDF}: 1117.5/30$

All: -0.710 ± 0.084 $\chi^2/\text{NDF}: 1730.8/57$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -49.641 ± 0.187 χ^2/NDF : 1159.3/11

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -49.473 ± 0.190 χ^2/NDF : 1473.1/9

Left: -49.558 ± 0.133 χ^2/NDF : 2632.8/21

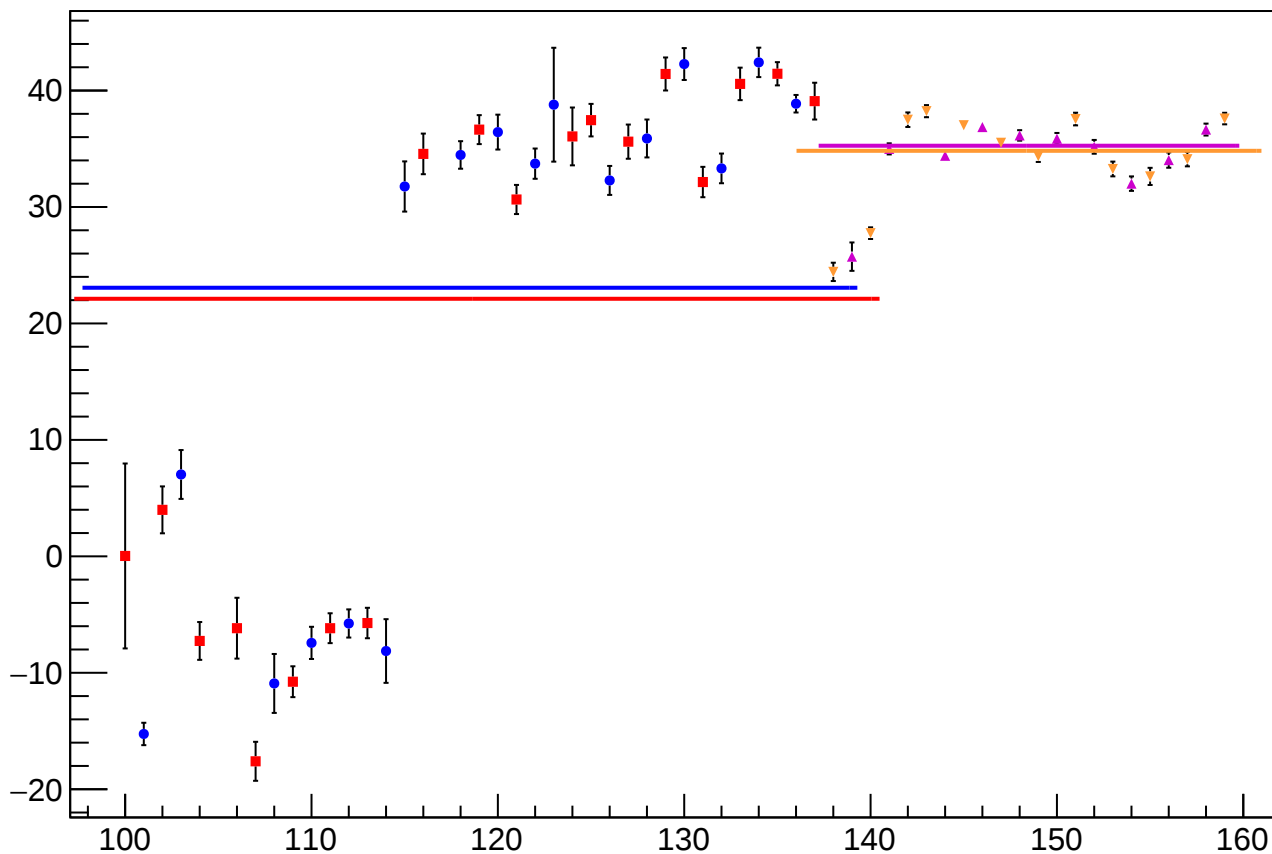
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -48.940 ± 0.178 χ^2/NDF : 1961.4/26

Out: -49.240 ± 0.177 χ^2/NDF : 1654.0/30

All: -49.092 ± 0.125 χ^2/NDF : 3616.8/57

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: 34.825 $\pm$ 0.155 χ^2 /NDF:539.8/11

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.262 $\pm$ 0.158 χ^2 /NDF:130.3/9

Left: 35.039 $\pm$ 0.111 χ^2 /NDF: 674.0/21

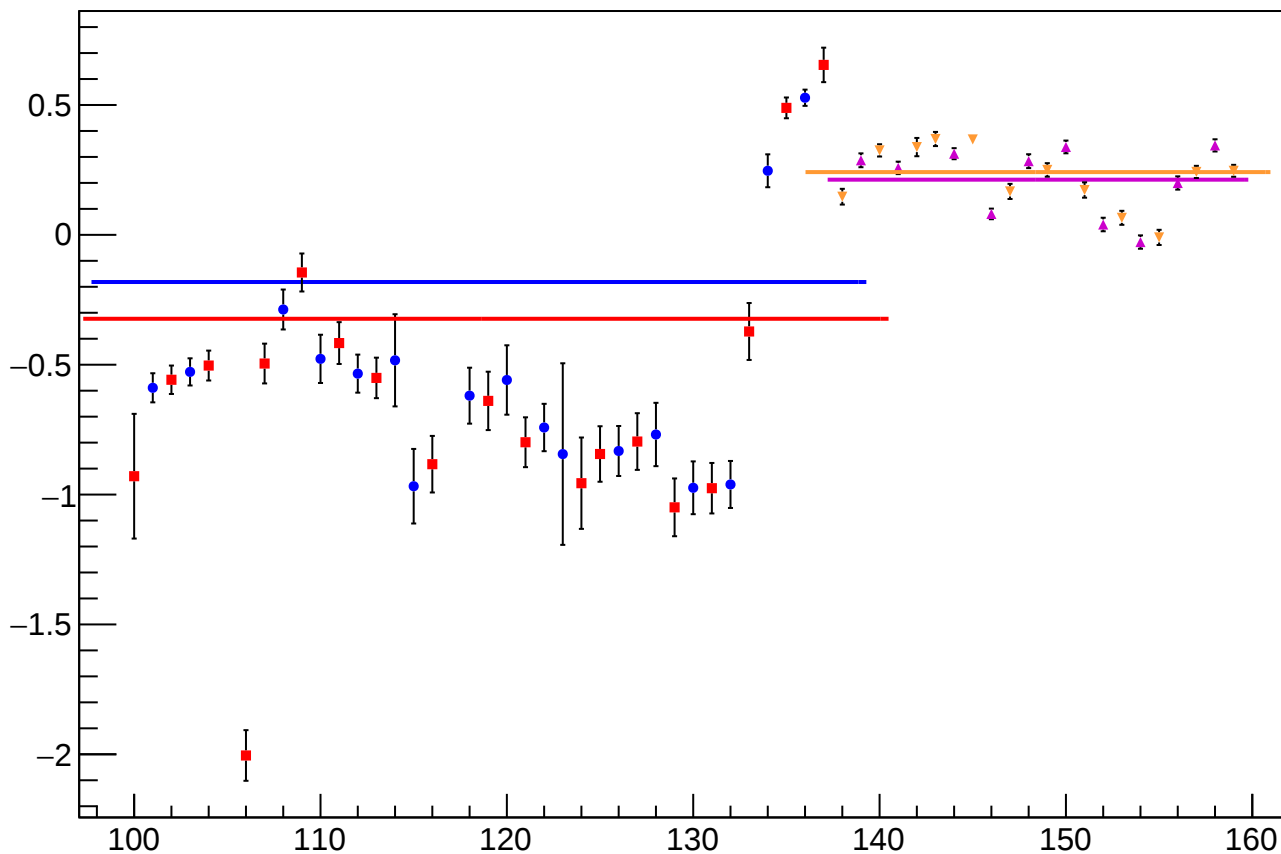
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.955 $\pm$ 0.142 χ^2 /NDF:5594.8/26

Out: 32.637 $\pm$ 0.141 χ^2 /NDF:5731.2/30

All: 32.795 $\pm$ 0.100 χ^2 /NDF: 11328.5/57

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: 0.242 ± 0.007 χ^2/NDF : 228.7/11

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.212 ± 0.008 χ^2/NDF : 271.3/9

Left: 0.227 ± 0.005 χ^2/NDF : 507.5/21

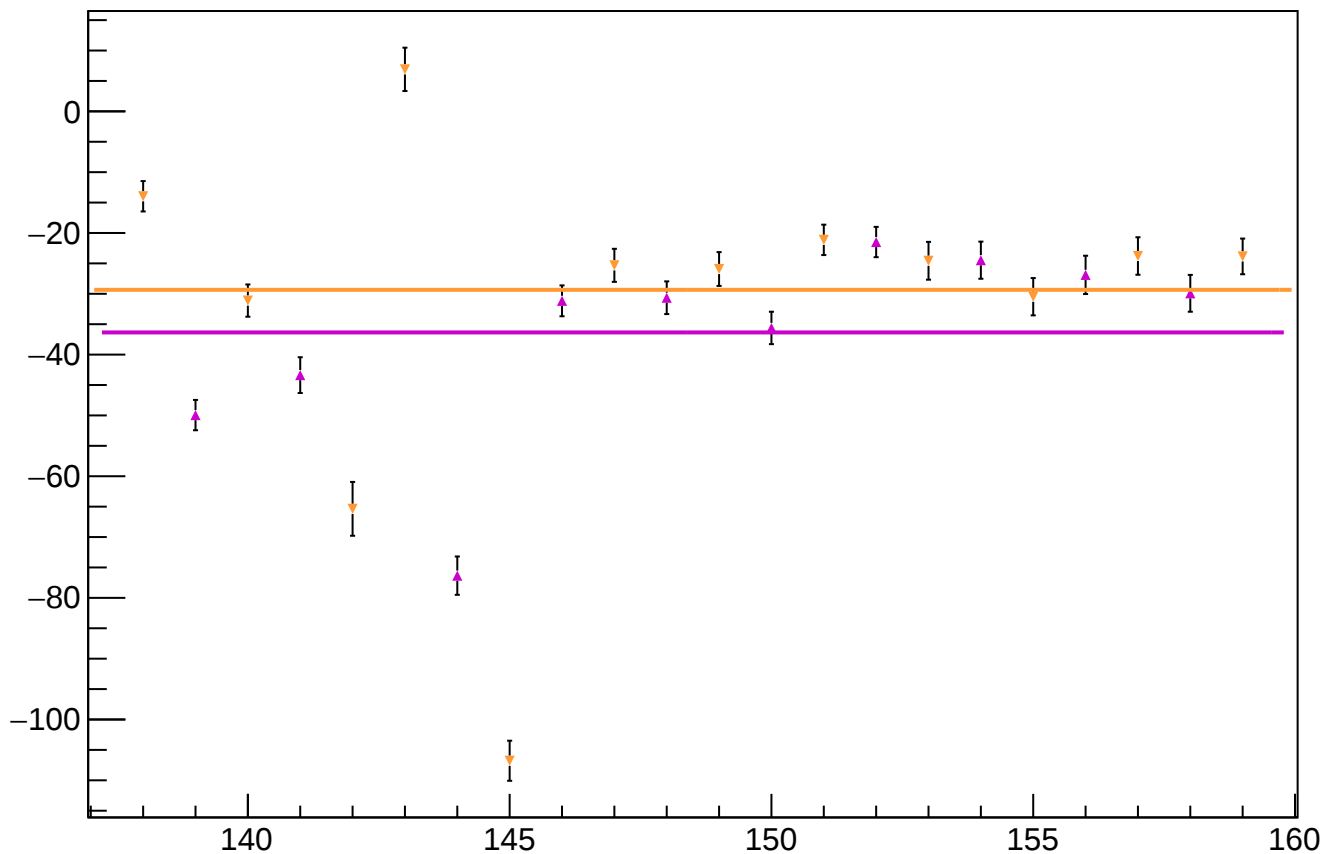
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.151 ± 0.007 χ^2/NDF : 1684.2/26

Out: 0.161 ± 0.007 χ^2/NDF : 2241.3/30

All: 0.156 ± 0.005 χ^2/NDF : 3926.6/57

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -29.344 ± 0.851 χ^2/NDF : 783.6/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -36.353 ± 0.881 χ^2/NDF : 269.4/9

Left: -32.729 ± 0.612 χ^2/NDF : 1085.8/21

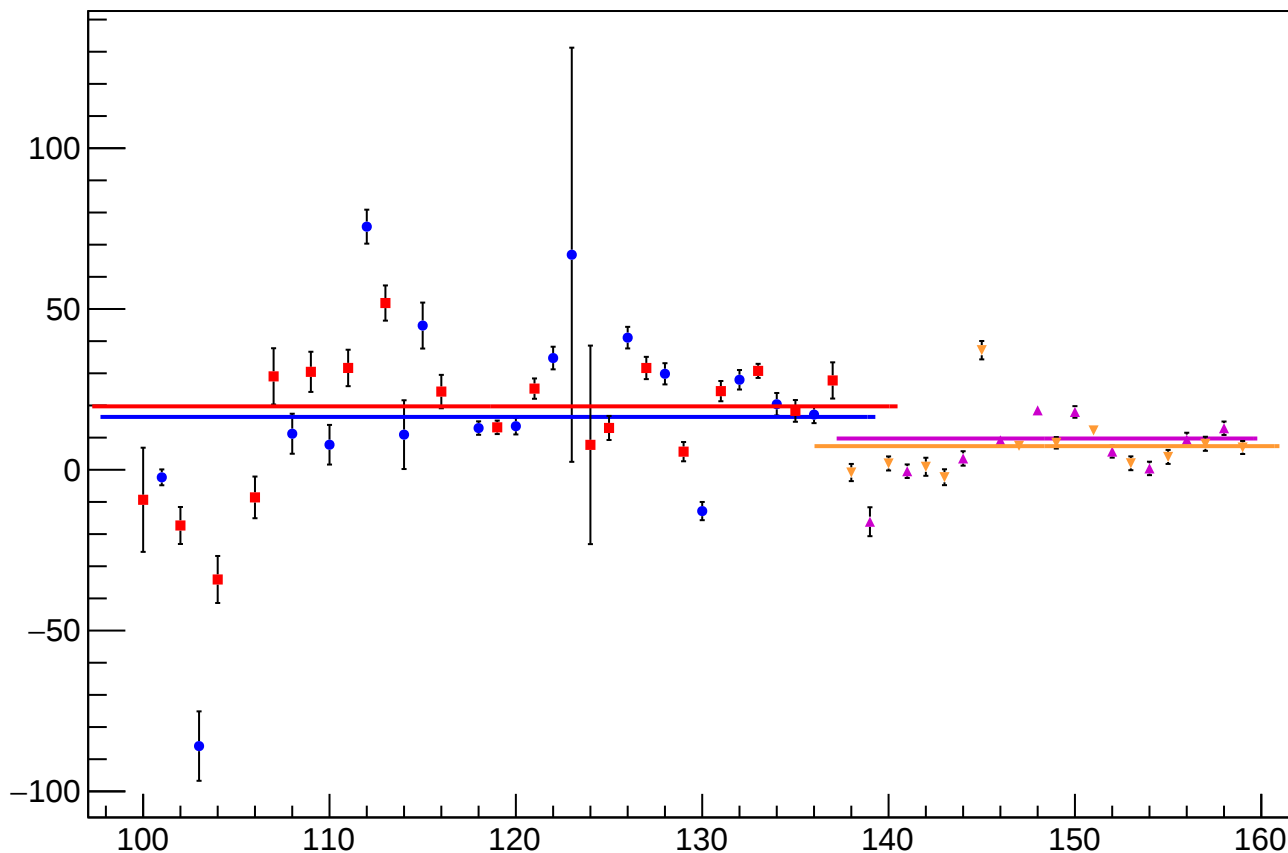
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.353 ± 0.881 χ^2/NDF : 269.4/9

Out: -29.344 ± 0.851 χ^2/NDF : 783.6/11

All: -32.729 ± 0.612 χ^2/NDF : 1085.8/21

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.351 ± 0.572 $\chi^2/\text{NDF}: 165.9/11$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 9.727 ± 0.601 $\chi^2/\text{NDF}: 156.7/9$

Left: 8.481 ± 0.414 $\chi^2/\text{NDF}: 330.8/21$

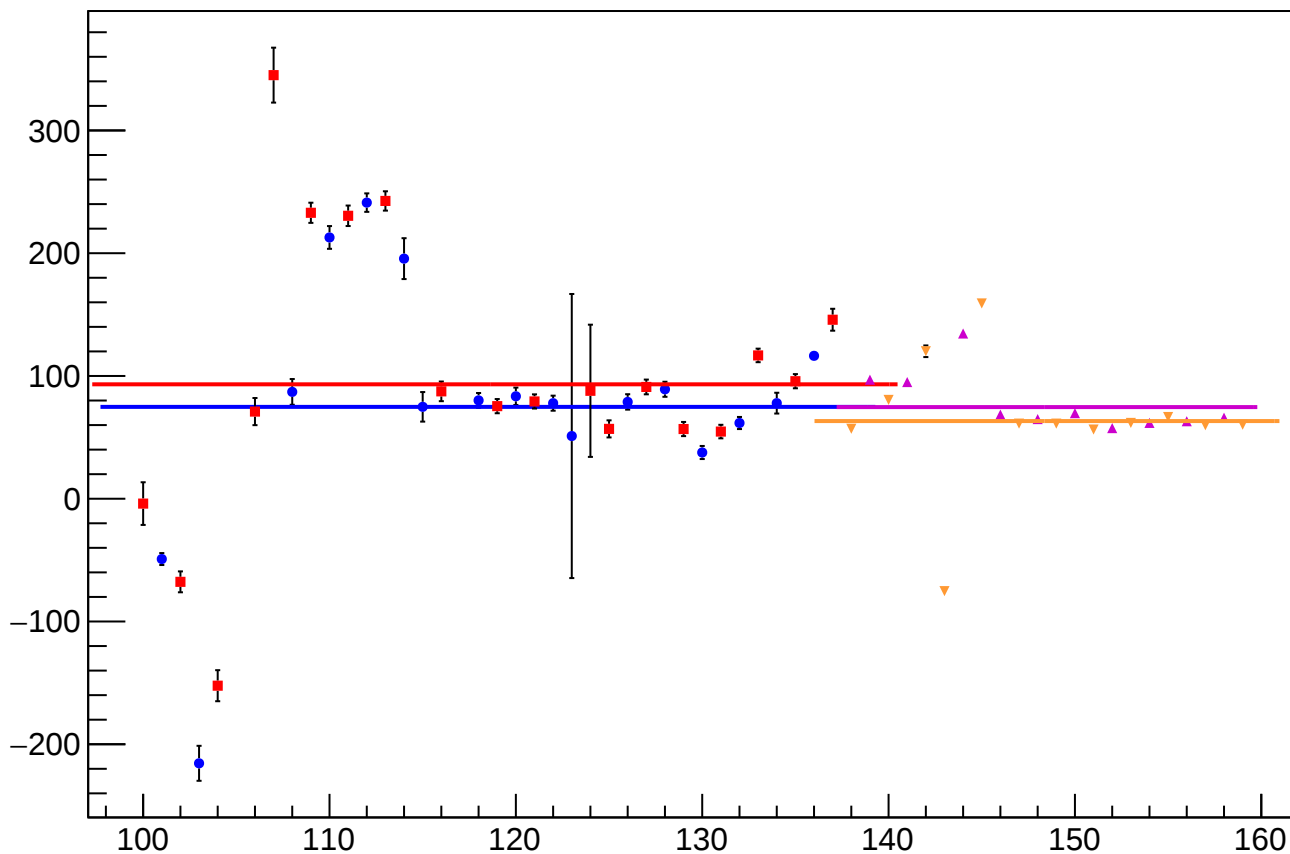
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 11.968 ± 0.490 $\chi^2/\text{NDF}: 715.4/26$

Out: 10.925 ± 0.483 $\chi^2/\text{NDF}: 542.7/30$

All: 11.438 ± 0.344 $\chi^2/\text{NDF}: 1260.3/57$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 63.265+/-0.833 χ^2/NDF : 2311.4/11

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 74.653+/-0.857 χ^2/NDF : 549.6/9

Left: 68.797+/-0.598 χ^2/NDF : 2951.6/21

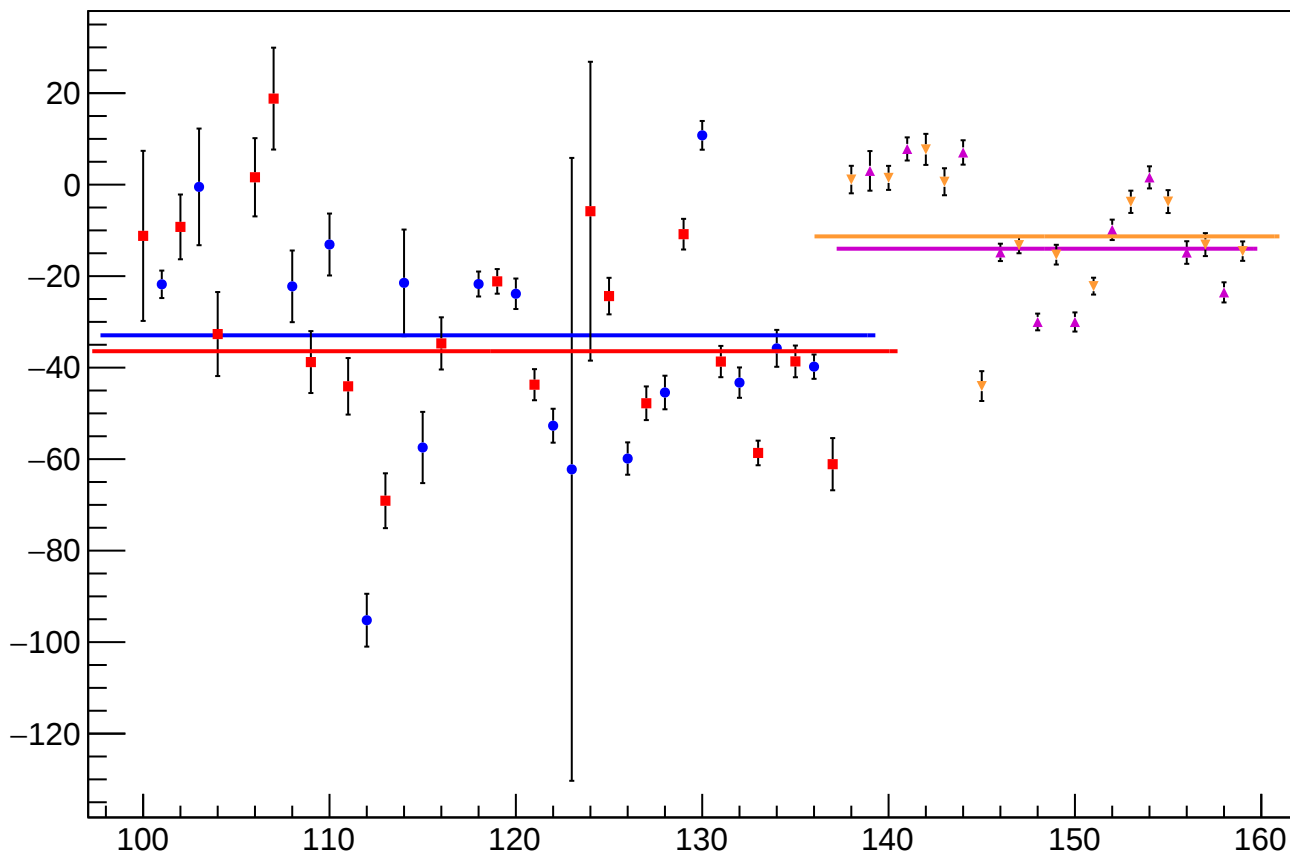
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 74.690+/-0.760 χ^2/NDF : 2546.4/26

Out: 69.002+/-0.749 χ^2/NDF : 4559.4/30

All: 71.807+/-0.533 χ^2/NDF : 7134.2/57

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -11.311 ± 0.692 χ^2/NDF : 250.3/11

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -14.006 ± 0.726 χ^2/NDF : 351.7/9

Left: -12.595 ± 0.501 χ^2/NDF : 609.3/21

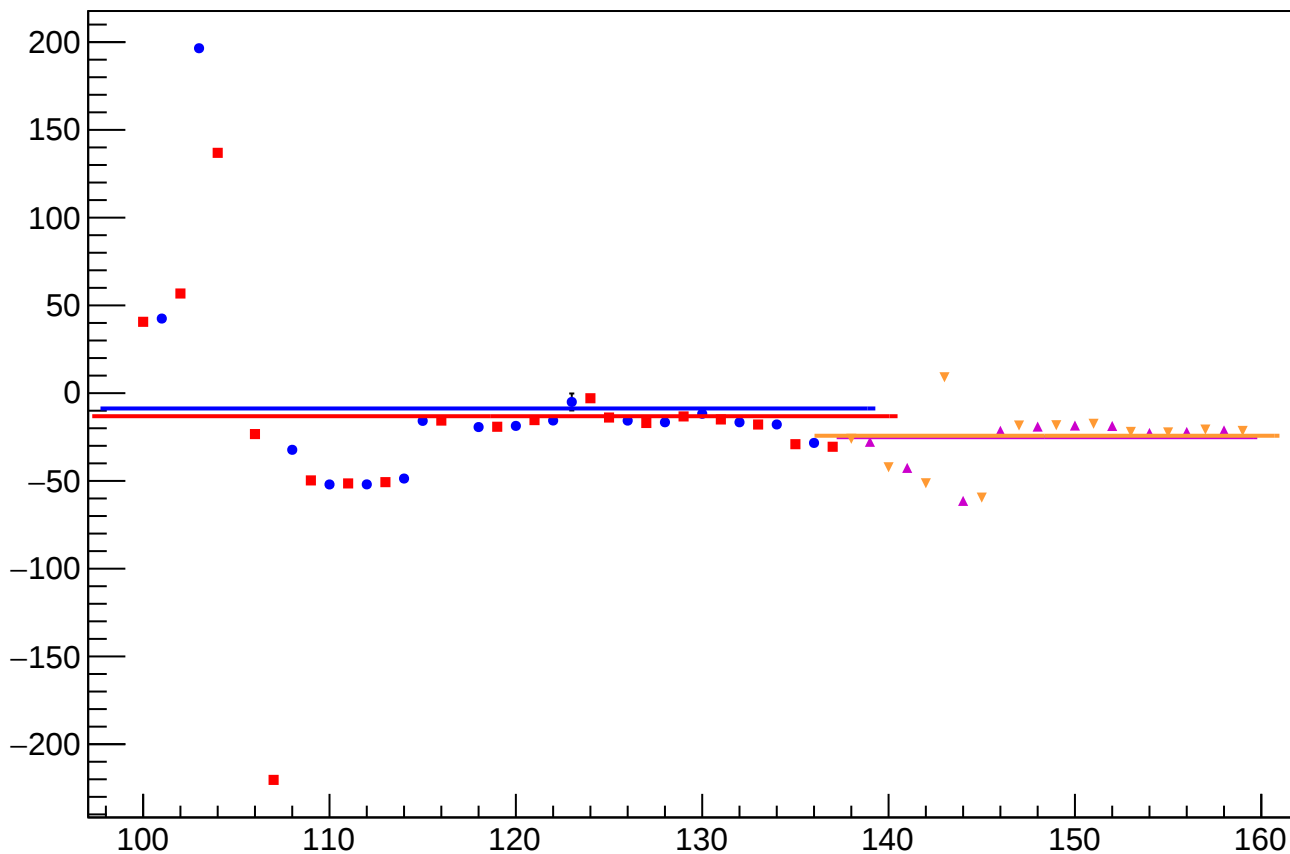
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -20.769 ± 0.582 χ^2/NDF : 1085.6/26

Out: -19.175 ± 0.574 χ^2/NDF : 957.1/30

All: -19.961 ± 0.409 χ^2/NDF : 2046.5/57

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -24.261 ± 0.033 $\chi^2/\text{NDF}: 170065.7/11$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -25.092 ± 0.034 $\chi^2/\text{NDF}: 95965.2/9$

Left: -24.666 ± 0.023 $\chi^2/\text{NDF}: 266346.0/21$

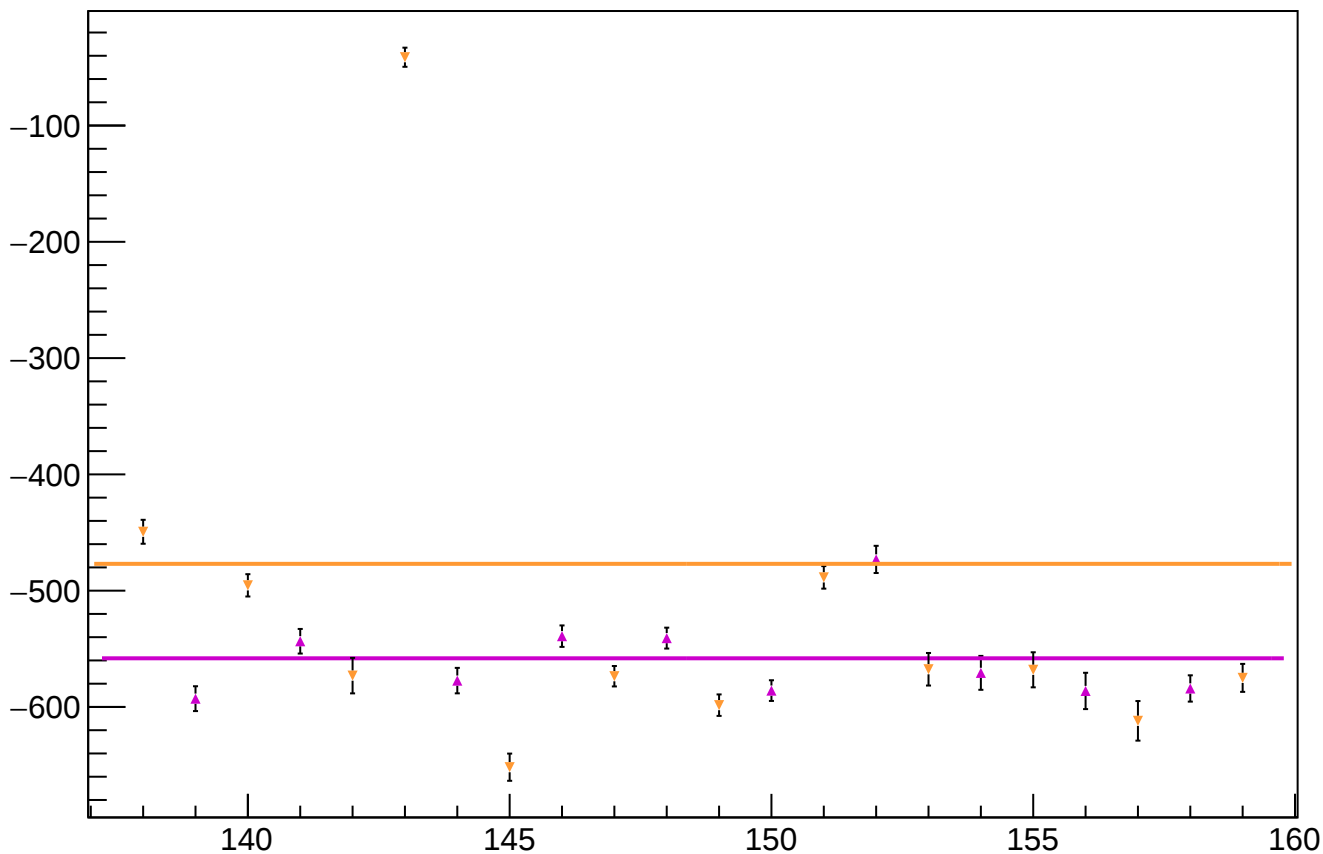
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.087 ± 0.029 $\chi^2/\text{NDF}: 730204.5/26$

Out: -21.825 ± 0.029 $\chi^2/\text{NDF}: 754047.5/30$

All: -21.459 ± 0.021 $\chi^2/\text{NDF}: 1484576.1/57$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -476.931+/-3.133 χ^2 /NDF:3583.1/11

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -558.167+/-3.395 χ^2 /NDF:95.4/9

Left: -514.292+/-2.302 χ^2 /NDF: 3987.8/21

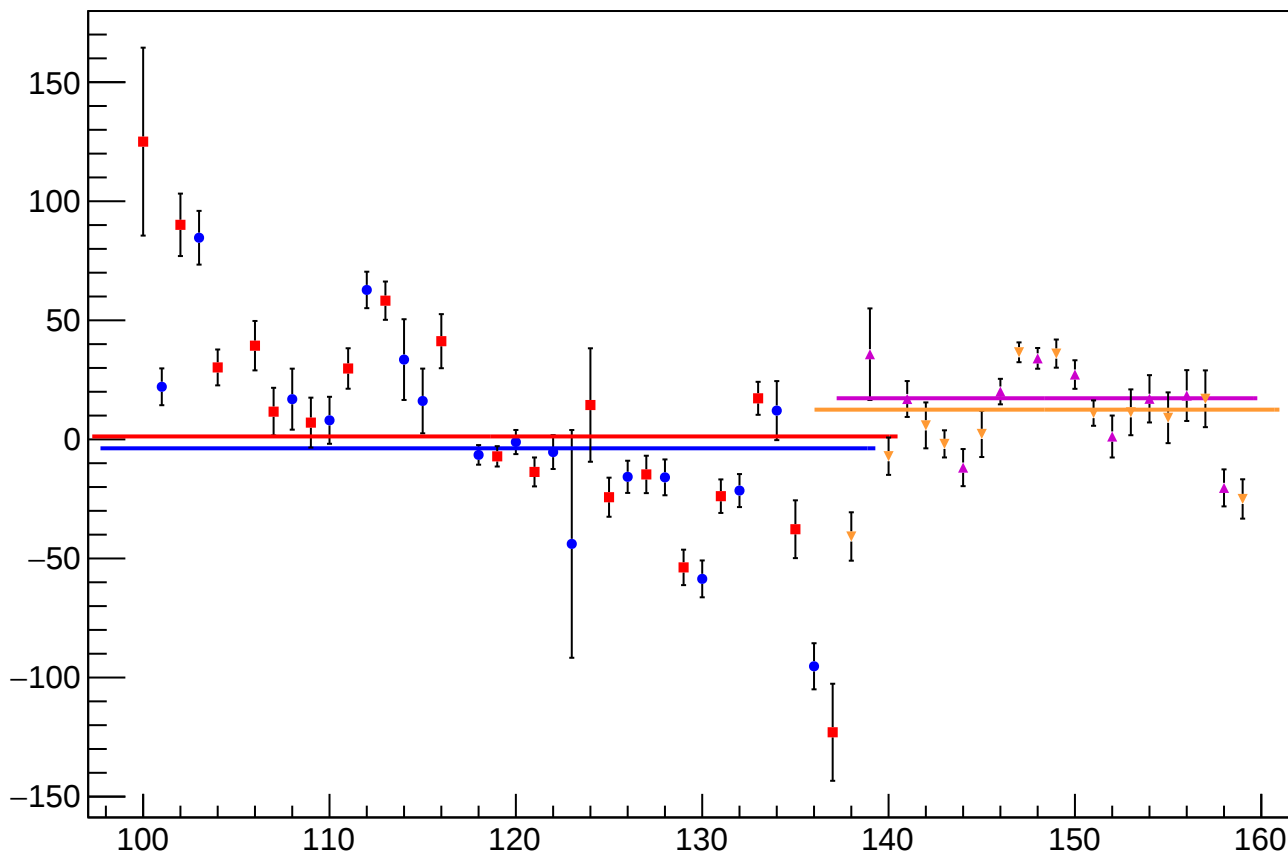
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -558.167+/-3.395 χ^2 /NDF:95.4/9

Out: -476.931+/-3.133 χ^2 /NDF:3583.1/11

All: -514.292+/-2.302 χ^2 /NDF: 3987.8/21

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 12.489 ± 2.038 χ^2/NDF : 111.8/11

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 17.277 ± 2.233 χ^2/NDF : 59.5/9

Left: 14.665 ± 1.505 χ^2/NDF : 173.9/21

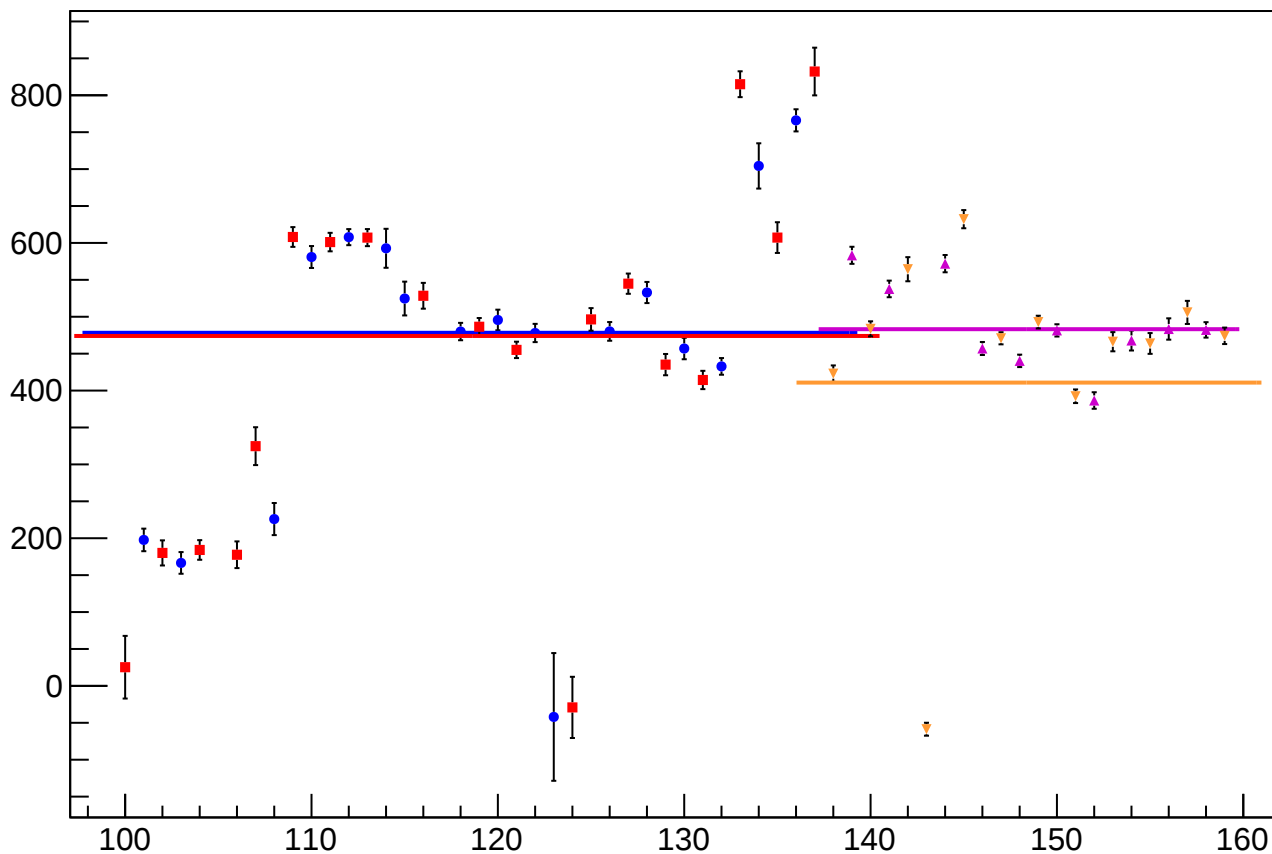
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.040 ± 1.443 χ^2/NDF : 425.2/26

Out: 6.518 ± 1.396 χ^2/NDF : 431.6/30

All: 5.804 ± 1.003 χ^2/NDF : 857.3/57

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 410.816 $\pm$ 3.100 χ^2 /NDF:3576.9/11

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 483.158 $\pm$ 3.307 χ^2 /NDF:266.3/9

Left: 444.656 $\pm$ 2.261 χ^2 /NDF: 4097.9/21

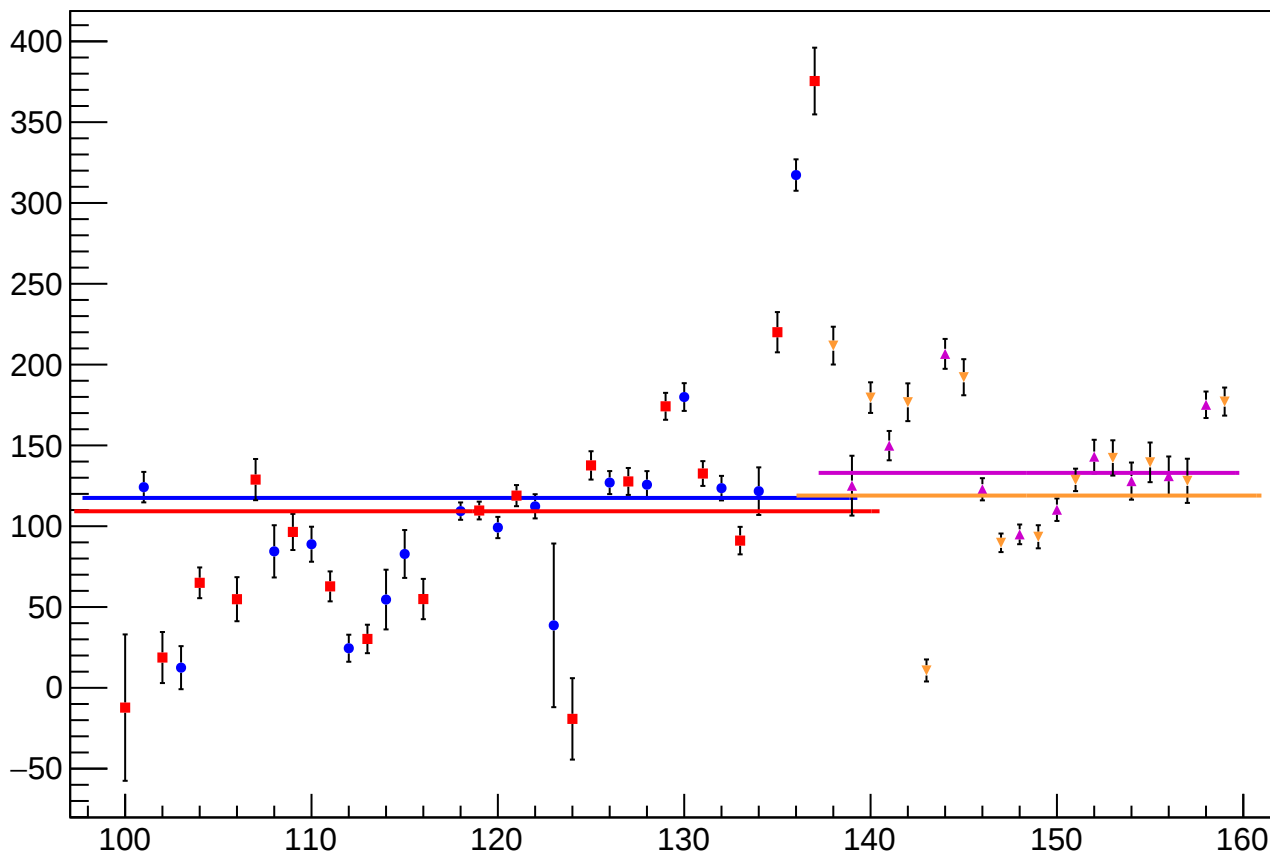
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 480.945 $\pm$ 2.447 χ^2 /NDF:1895.2/26

Out: 438.324 $\pm$ 2.329 χ^2 /NDF:6046.0/30

All: 458.582 $\pm$ 1.687 χ^2 /NDF: 8100.4/57

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2/NDF : 705.9/16

Left Out: 118.967 $\pm$ 2.503 χ^2/NDF : 516.5/11

Right Out: 109.247 $\pm$ 2.206 χ^2/NDF : 569.4/18

Left In: 132.997 $\pm$ 2.731 χ^2/NDF : 146.5/9

Left: 125.372 $\pm$ 1.845 χ^2/NDF : 677.4/21

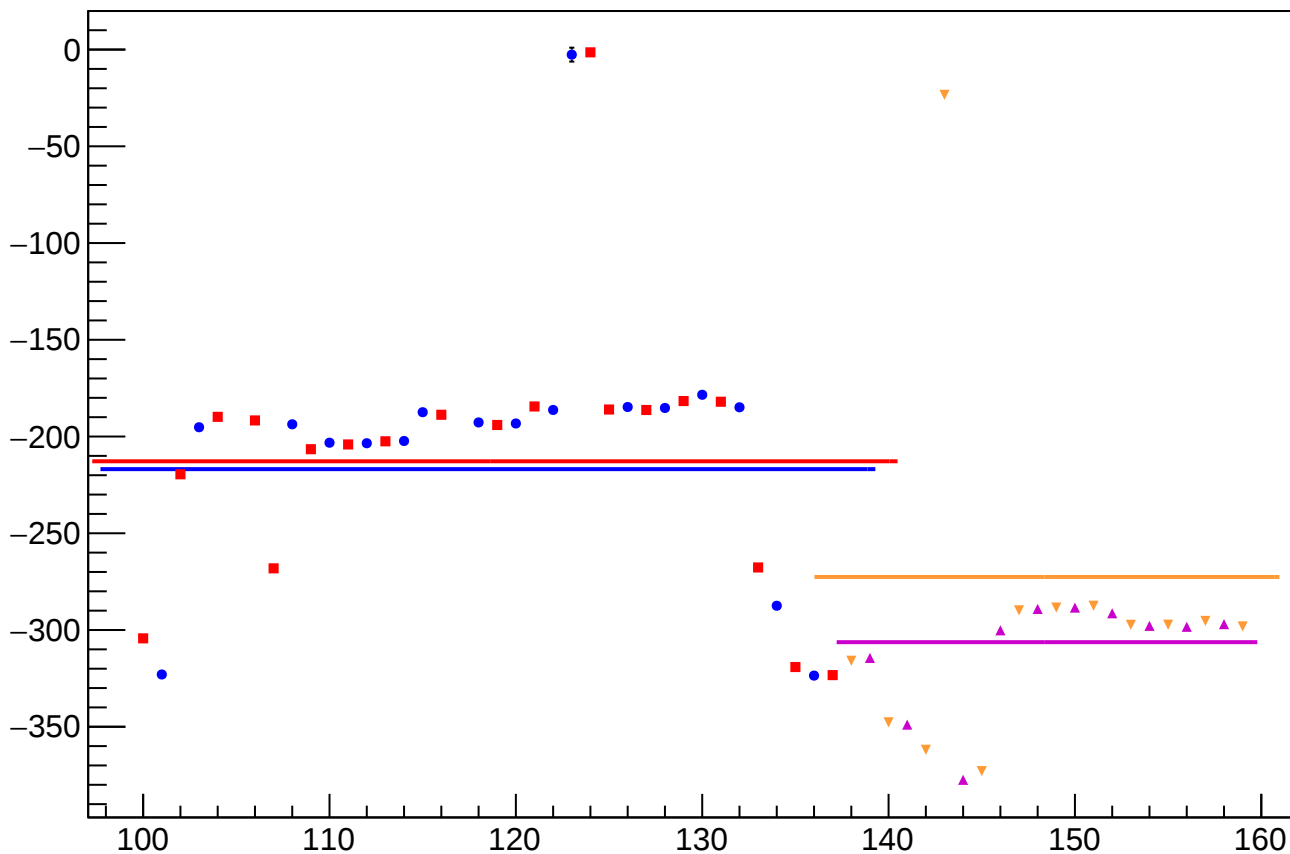
Right: 113.390 $\pm$ 1.557 χ^2/NDF : 1282.4/35

In: 123.592 $\pm$ 1.712 χ^2/NDF : 872.0/26

Out: 113.496 $\pm$ 1.655 χ^2/NDF : 1094.4/30

All: 118.372 $\pm$ 1.190 χ^2/NDF : 1984.4/57

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -272.581+/-0.126 χ^2/NDF : 615925.6/11

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -306.286+/-0.132 χ^2/NDF : 35797.1/9

Left: -288.576+/-0.091 χ^2/NDF : 685897.9/21

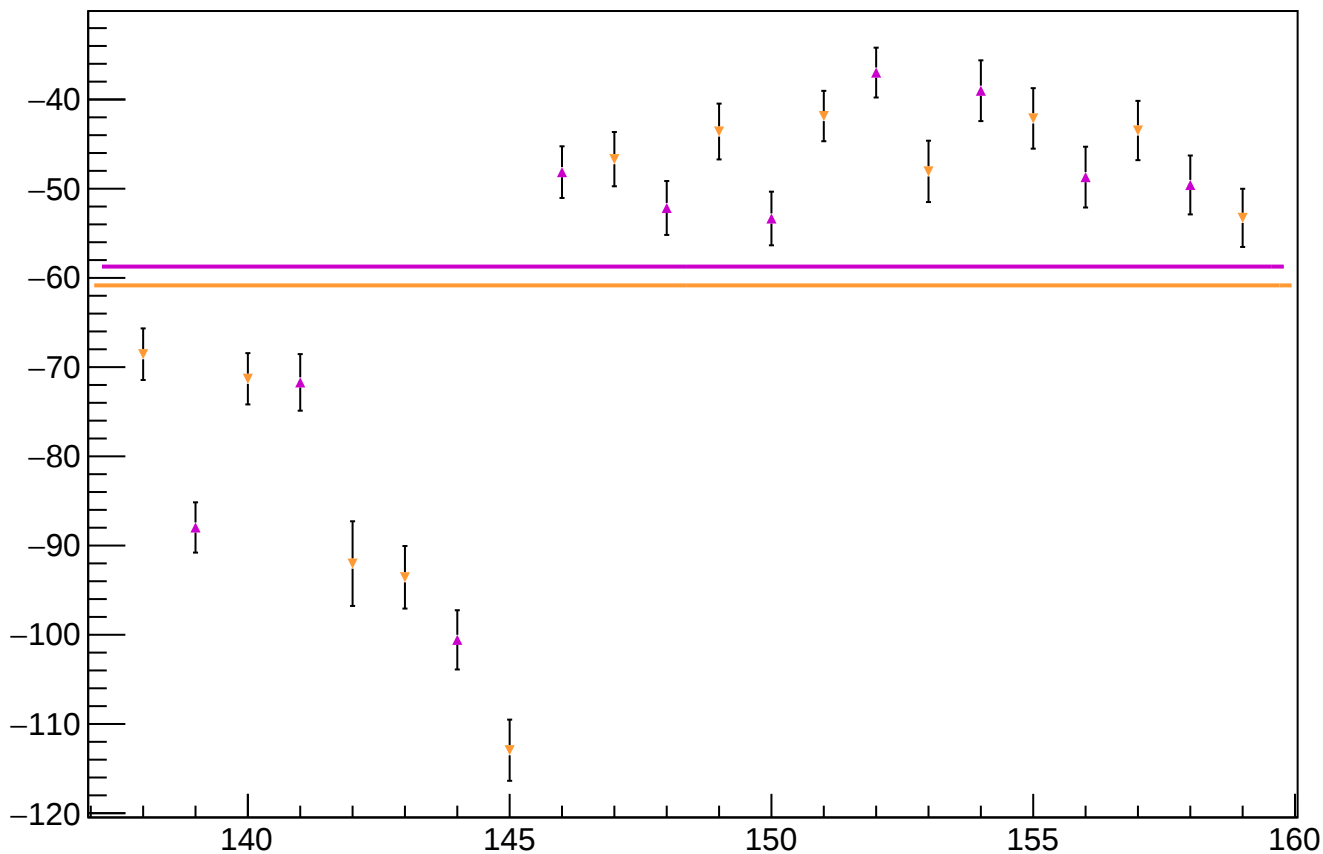
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -262.803+/-0.095 χ^2/NDF : 405356.6/26

Out: -243.731+/-0.090 χ^2/NDF : 841855.5/30

All: -252.816+/-0.065 χ^2/NDF : 1268437.7/57

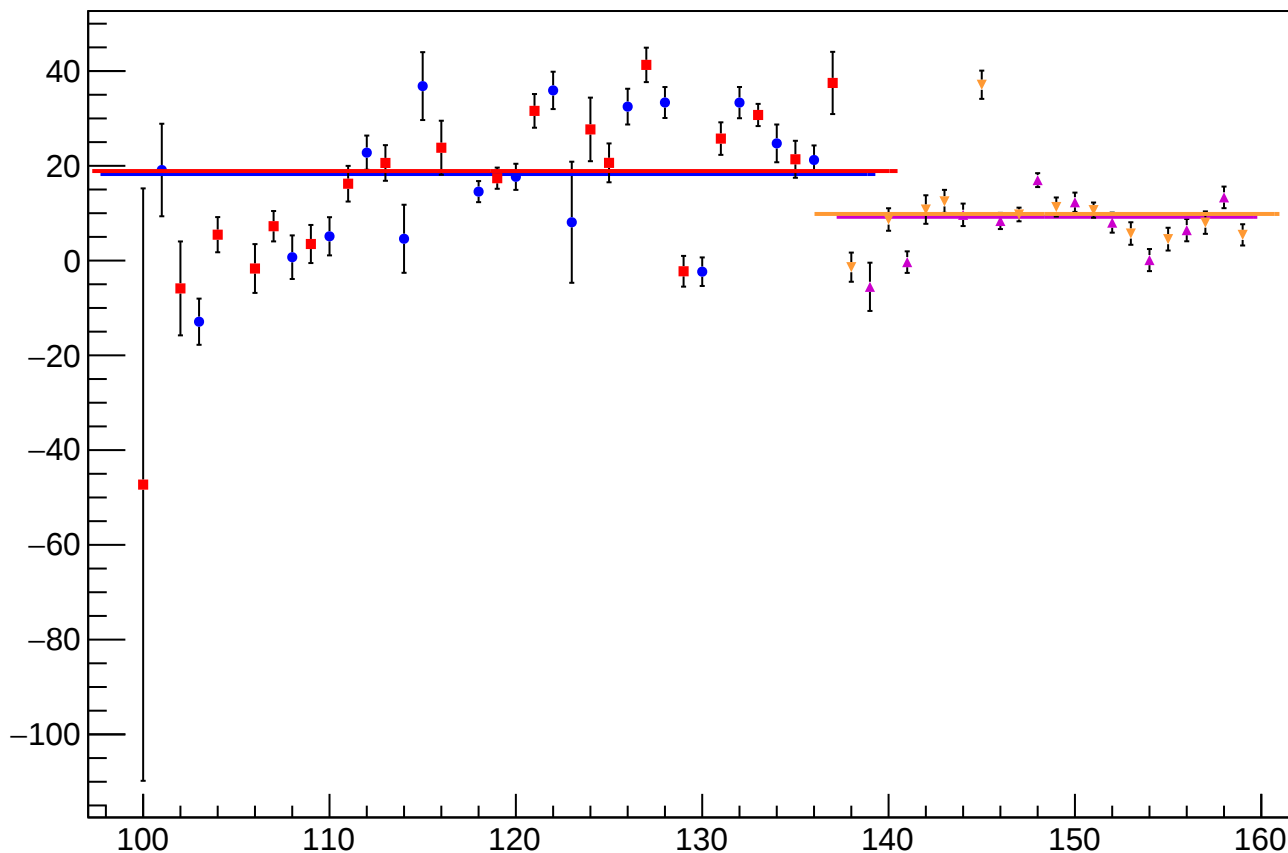
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -60.838+/-0.935 χ^2/NDF :555.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -58.730+/-0.977 χ^2/NDF :415.1/9

Left: -59.830+/-0.676 χ^2/NDF : 973.4/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -58.730+/-0.977 χ^2/NDF :415.1/9
 Out: -60.838+/-0.935 χ^2/NDF :555.9/11
 All: -59.830+/-0.676 χ^2/NDF : 973.4/21

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.841 ± 0.630 χ^2/NDF : 111.7/11

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 9.244 ± 0.668 χ^2/NDF : 76.8/9

Left: 9.560 ± 0.459 χ^2/NDF : 188.9/21

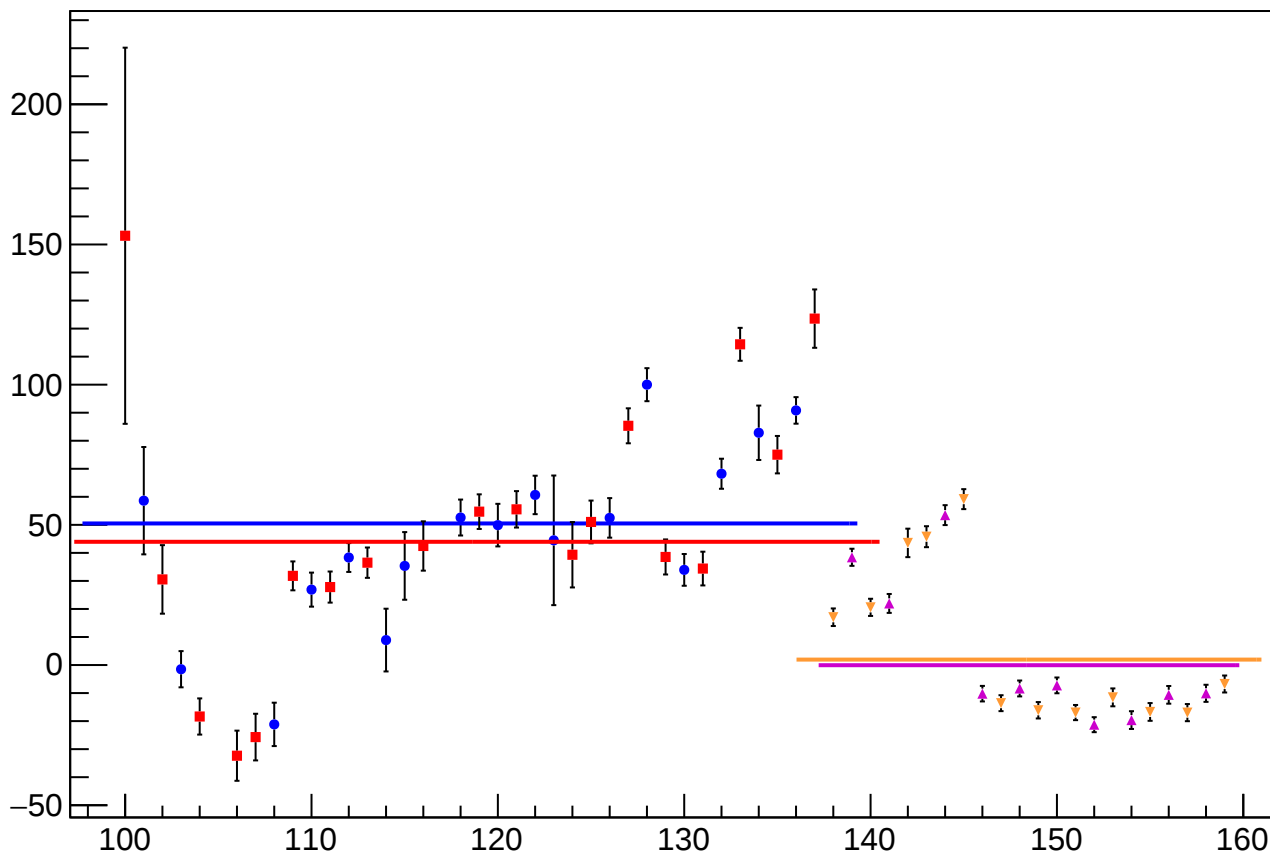
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 12.421 ± 0.538 χ^2/NDF : 349.3/26

Out: 12.985 ± 0.509 χ^2/NDF : 382.6/30

All: 12.719 ± 0.370 χ^2/NDF : 732.5/57

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 1.941 $\pm$ 0.917 χ^2 /NDF: 739.3/11

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -0.061 $\pm$ 0.952 χ^2 /NDF: 580.9/9

Left: 0.978 $\pm$ 0.660 χ^2 /NDF: 1322.5/21

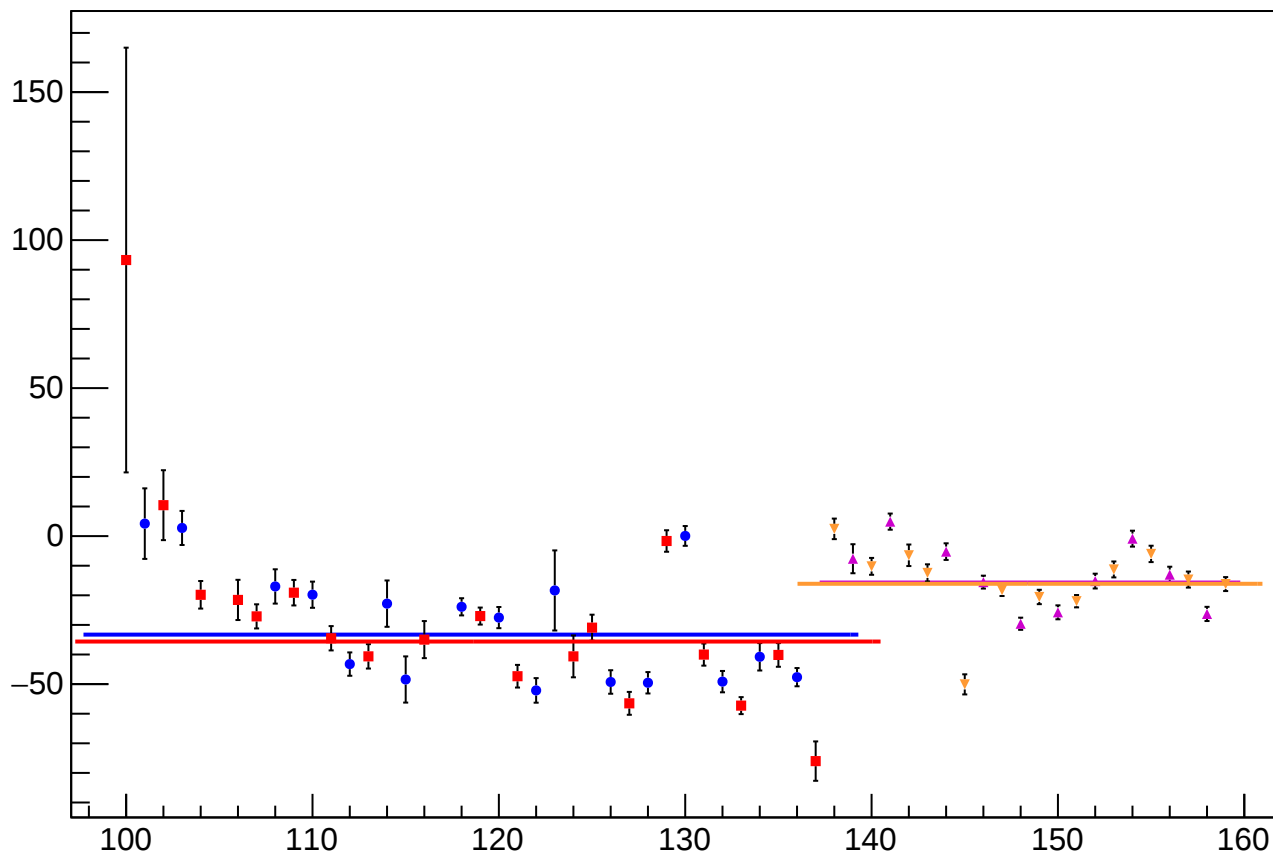
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 12.328 $\pm$ 0.827 χ^2 /NDF: 1635.3/26

Out: 12.298 $\pm$ 0.796 χ^2 /NDF: 1791.2/30

All: 12.313 $\pm$ 0.574 χ^2 /NDF: 3426.5/57

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.107 ± 0.762 χ^2/NDF : 170.8/11

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.684 ± 0.805 χ^2/NDF : 188.5/9

Left: -15.907 ± 0.553 χ^2/NDF : 359.5/21

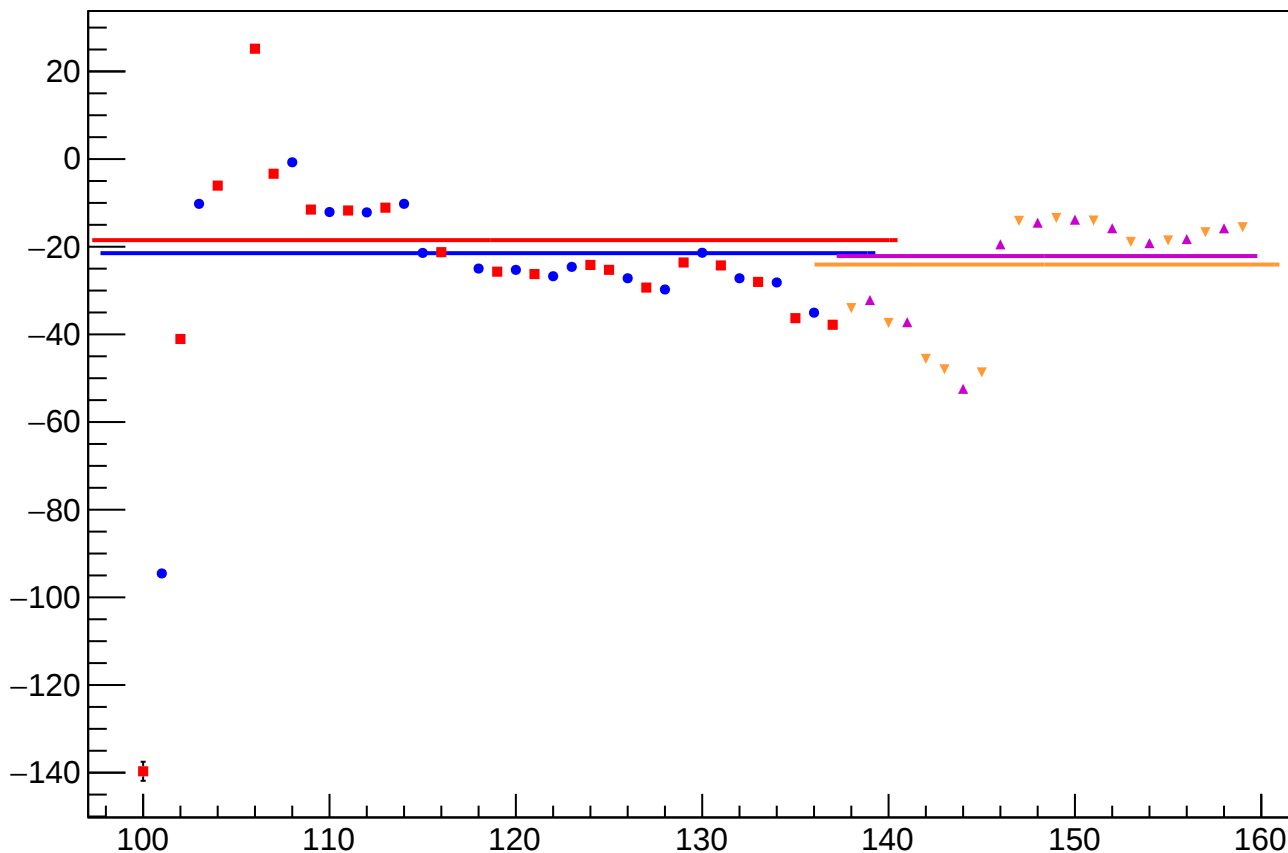
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -22.322 ± 0.636 χ^2/NDF : 661.5/26

Out: -23.339 ± 0.604 χ^2/NDF : 701.8/30

All: -22.856 ± 0.438 χ^2/NDF : 1364.7/57

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -24.061 ± 0.036 $\chi^2/\text{NDF}: 119675.6/11$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -22.127 ± 0.037 $\chi^2/\text{NDF}: 77252.0/9$

Left: -23.126 ± 0.026 $\chi^2/\text{NDF}: 198328.5/21$

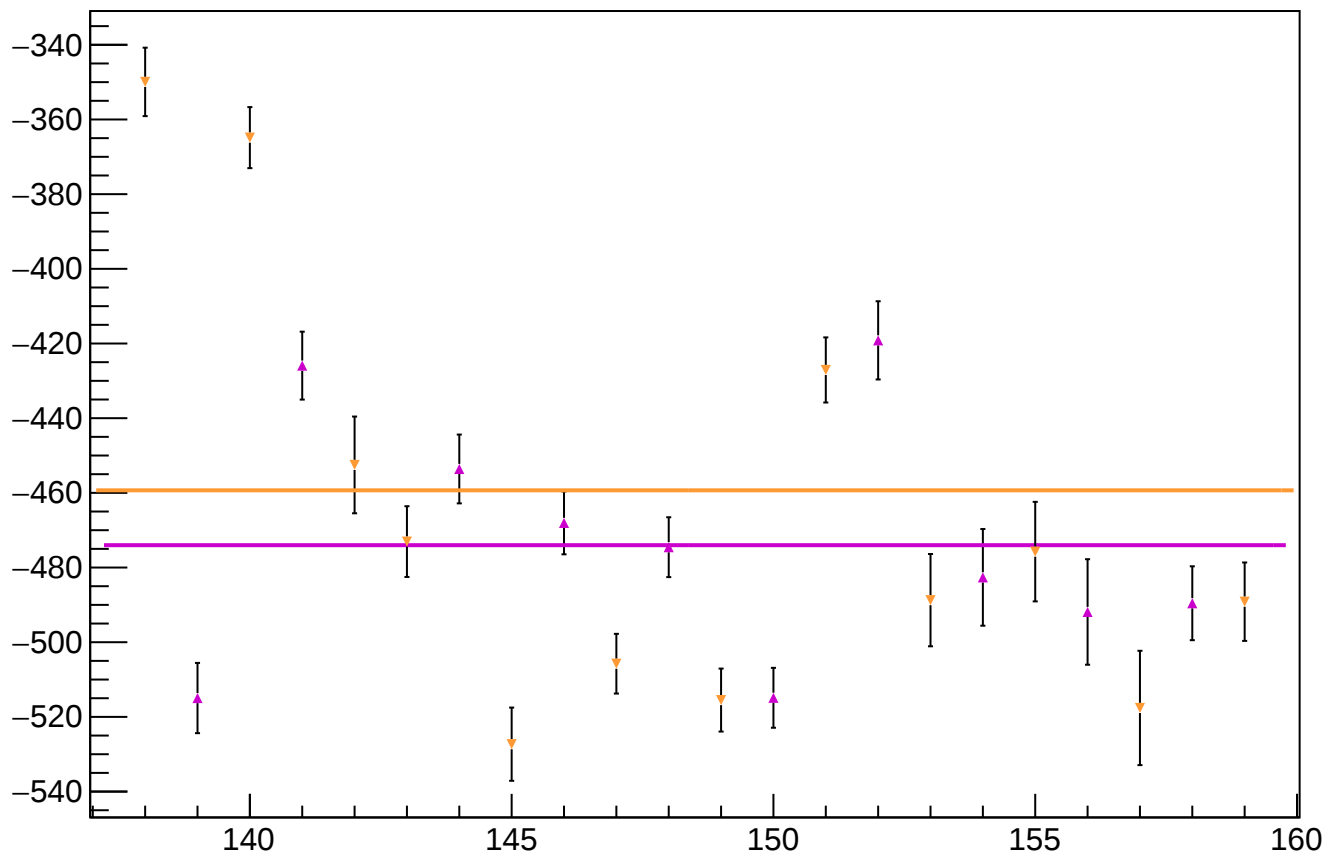
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -21.939 ± 0.031 $\chi^2/\text{NDF}: 126321.0/26$

Out: -22.493 ± 0.030 $\chi^2/\text{NDF}: 207137.4/30$

All: -22.224 ± 0.022 $\chi^2/\text{NDF}: 333619.1/57$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -459.321+/-2.854 χ^2/NDF :447.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -474.012+/-3.006 χ^2/NDF :110.2/9

Left: -466.288+/-2.070 χ^2/NDF : 570.7/21

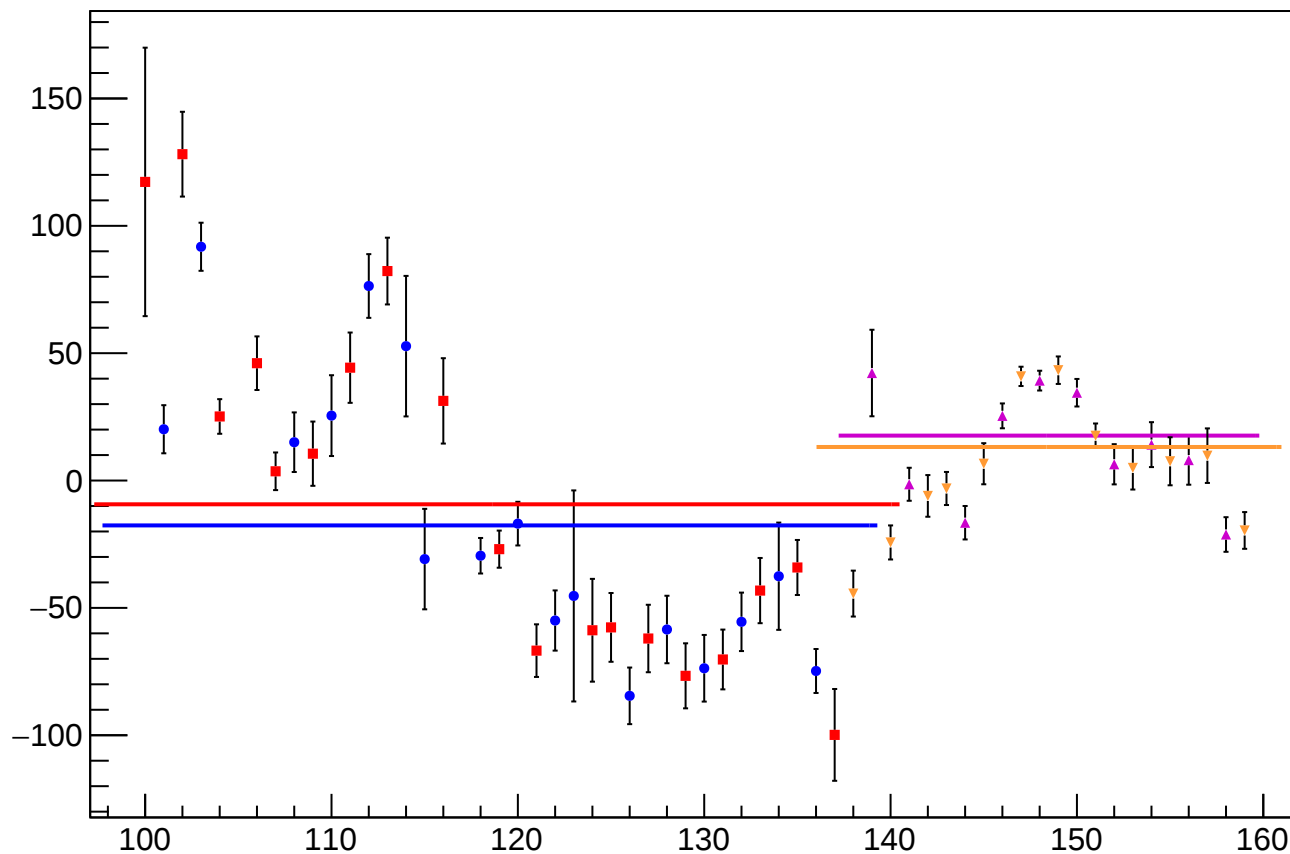
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -474.012+/-3.006 χ^2/NDF :110.2/9

Out: -459.321+/-2.854 χ^2/NDF :447.9/11

All: -466.288+/-2.070 χ^2/NDF : 570.7/21

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: 13.173 ± 1.860 $\chi^2/\text{NDF}: 192.3/11$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 17.639 ± 1.983 $\chi^2/\text{NDF}: 116.9/9$

Left: 15.264 ± 1.357 $\chi^2/\text{NDF}: 311.9/21$

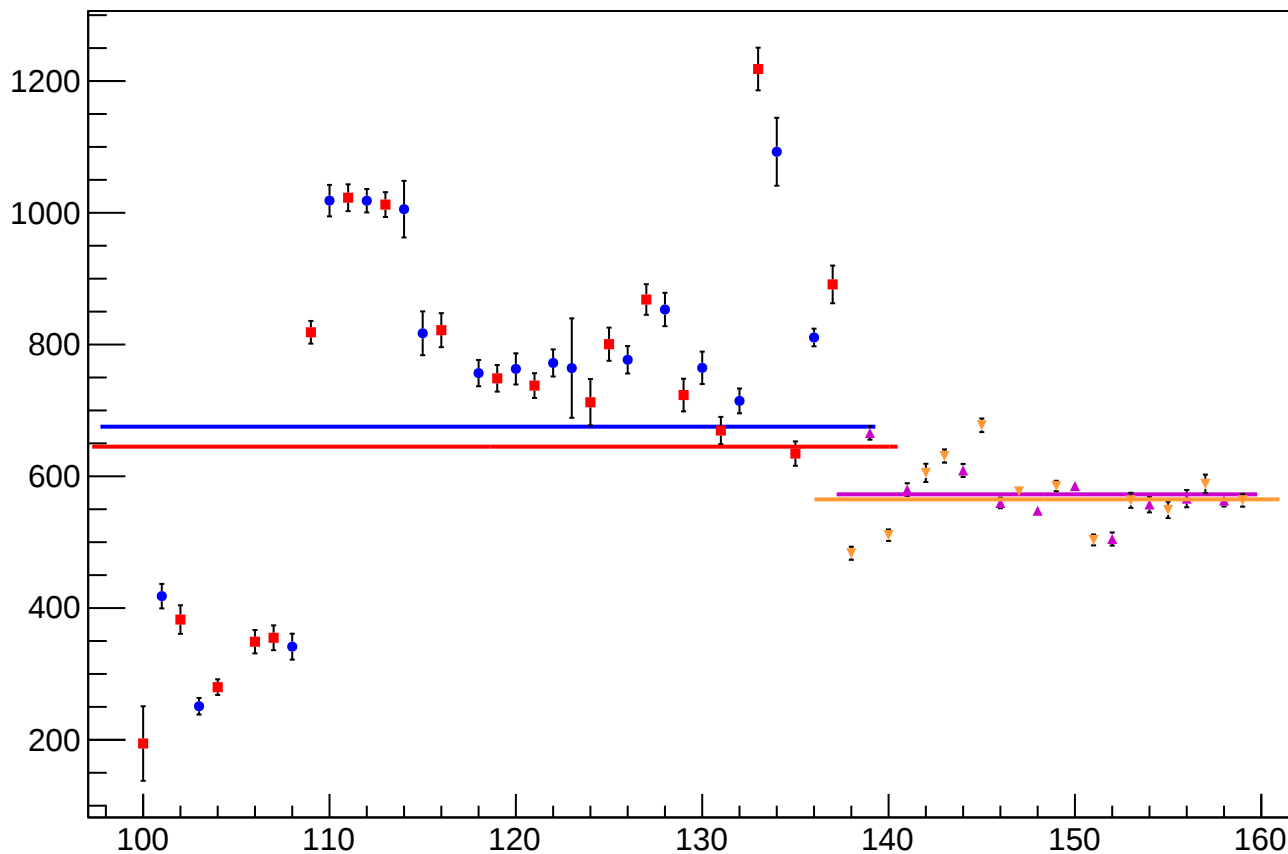
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 5.784 ± 1.616 $\chi^2/\text{NDF}: 585.2/26$

Out: 5.590 ± 1.515 $\chi^2/\text{NDF}: 608.1/30$

All: 5.680 ± 1.105 $\chi^2/\text{NDF}: 1193.3/57$

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: 564.992 ± 2.819 $\chi^2/\text{NDF}: 344.4/11$

Right Out: 645.022 ± 4.758 $\chi^2/\text{NDF}: 3122.8/18$

Left In: 572.625 ± 2.933 $\chi^2/\text{NDF}: 162.8/9$

Left: 568.657 ± 2.032 $\chi^2/\text{NDF}: 510.7/21$

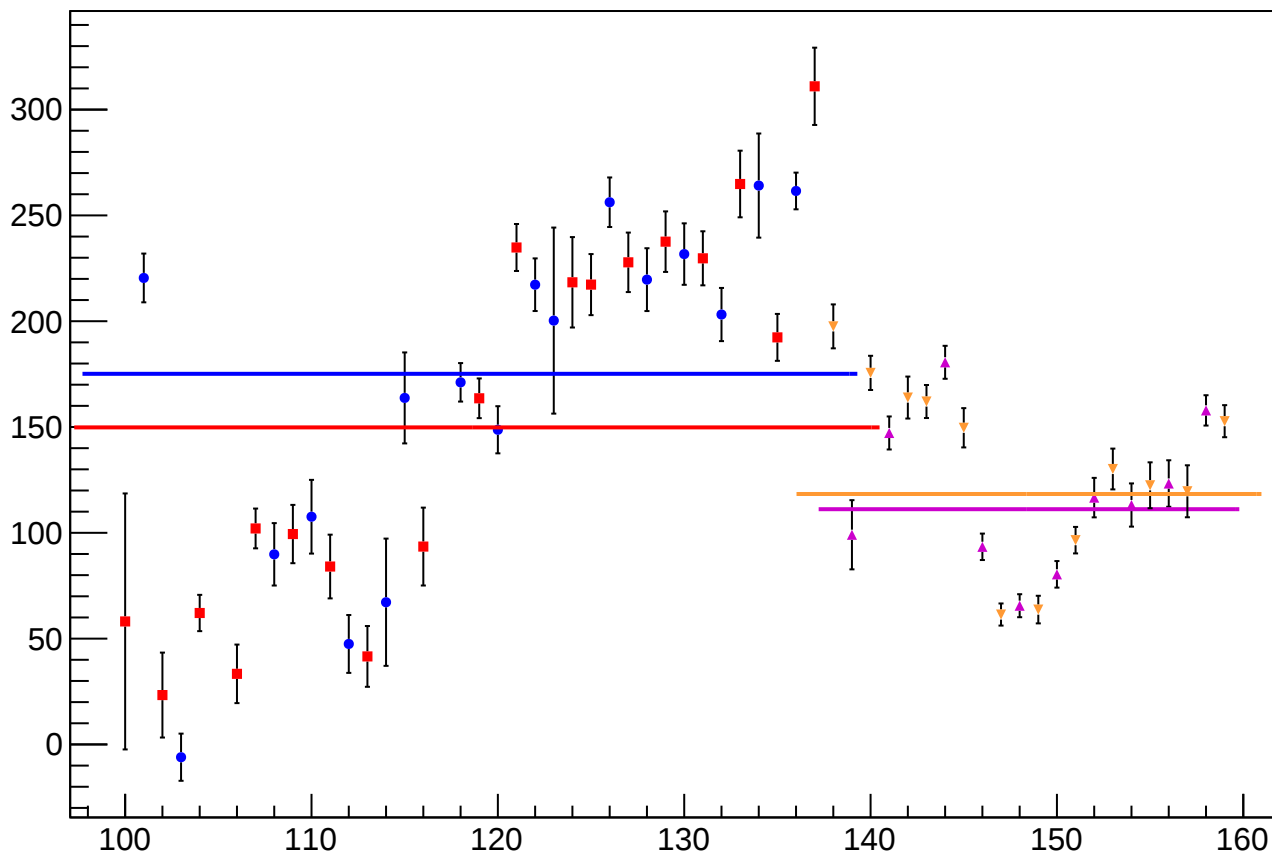
Right: 659.291 ± 3.462 $\chi^2/\text{NDF}: 5724.6/35$

In: 598.564 ± 2.536 $\chi^2/\text{NDF}: 3055.2/26$

Out: 585.784 ± 2.425 $\chi^2/\text{NDF}: 3676.6/30$

All: 591.890 ± 1.753 $\chi^2/\text{NDF}: 6745.1/57$

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: 118.351 $\pm$ 2.284 χ^2 /NDF:395.5/11

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 111.165 $\pm$ 2.423 χ^2 /NDF:247.9/9

Left: 114.969 $\pm$ 1.662 χ^2 /NDF: 648.1/21

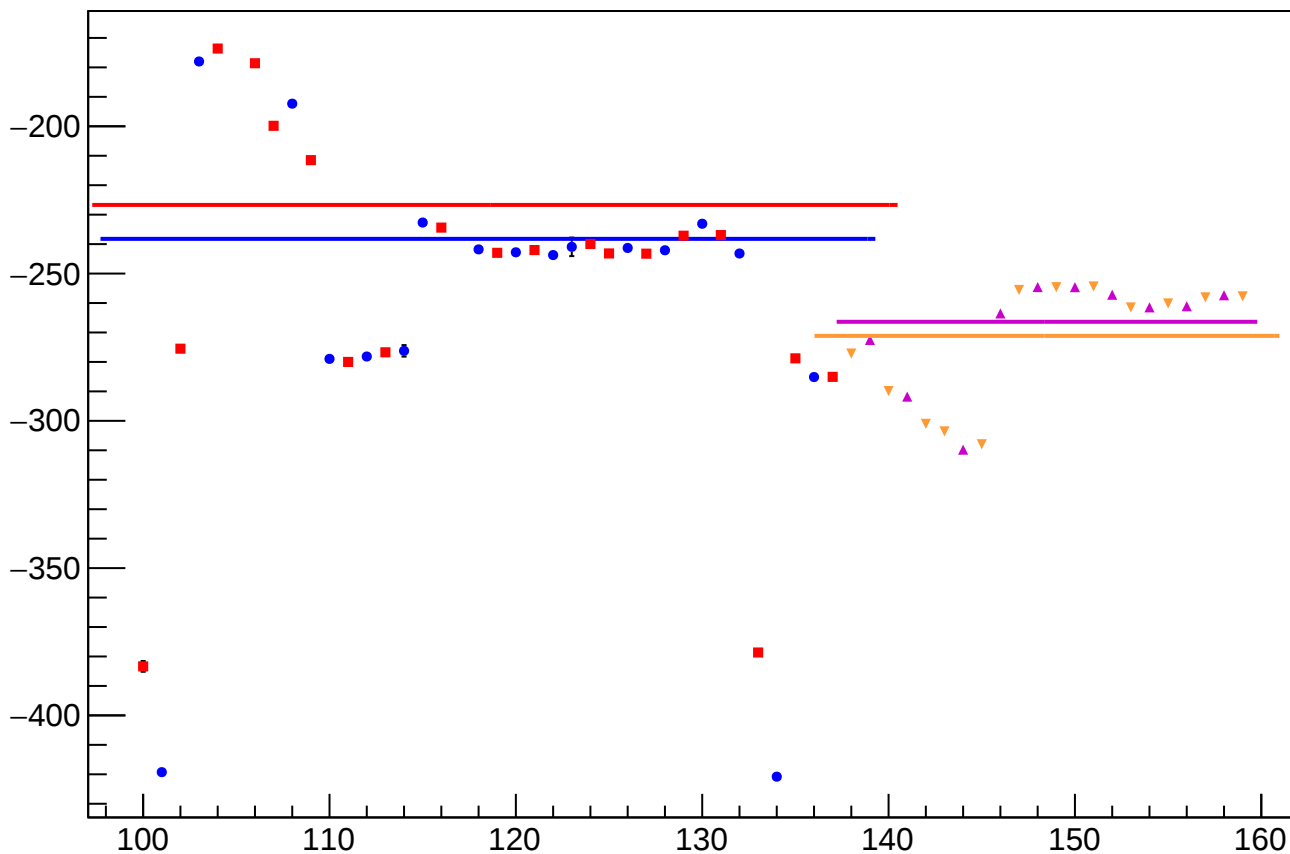
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 134.390 $\pm$ 1.934 χ^2 /NDF:1136.7/26

Out: 129.699 $\pm$ 1.826 χ^2 /NDF:1152.4/30

All: 131.911 $\pm$ 1.328 χ^2 /NDF: 2292.2/57

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -271.153+/-0.114 χ^2/NDF : 29881.9/11

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -266.372+/-0.117 χ^2/NDF : 18984.2/9

Left: -268.825+/-0.082 χ^2/NDF : 49720.2/21

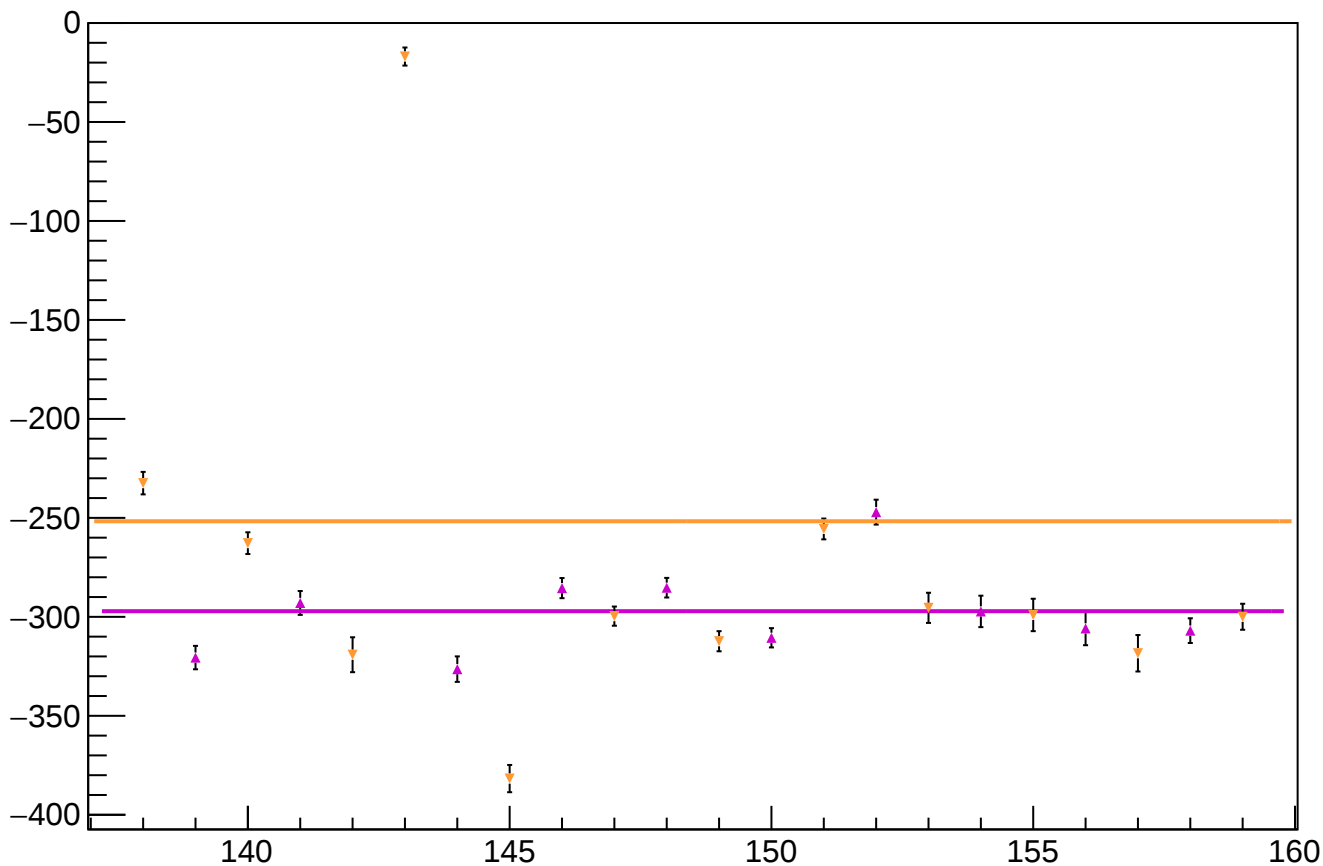
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.548+/-0.095 χ^2/NDF : 206227.6/26

Out: -254.993+/-0.091 χ^2/NDF : 187830.7/30

All: -255.741+/-0.066 χ^2/NDF : 394198.5/57

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: -251.706+/-1.739 χ^2/NDF :3490.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -297.144+/-1.882 χ^2/NDF :122.3/9

Left: -272.628+/-1.277 χ^2/NDF : 3927.6/21

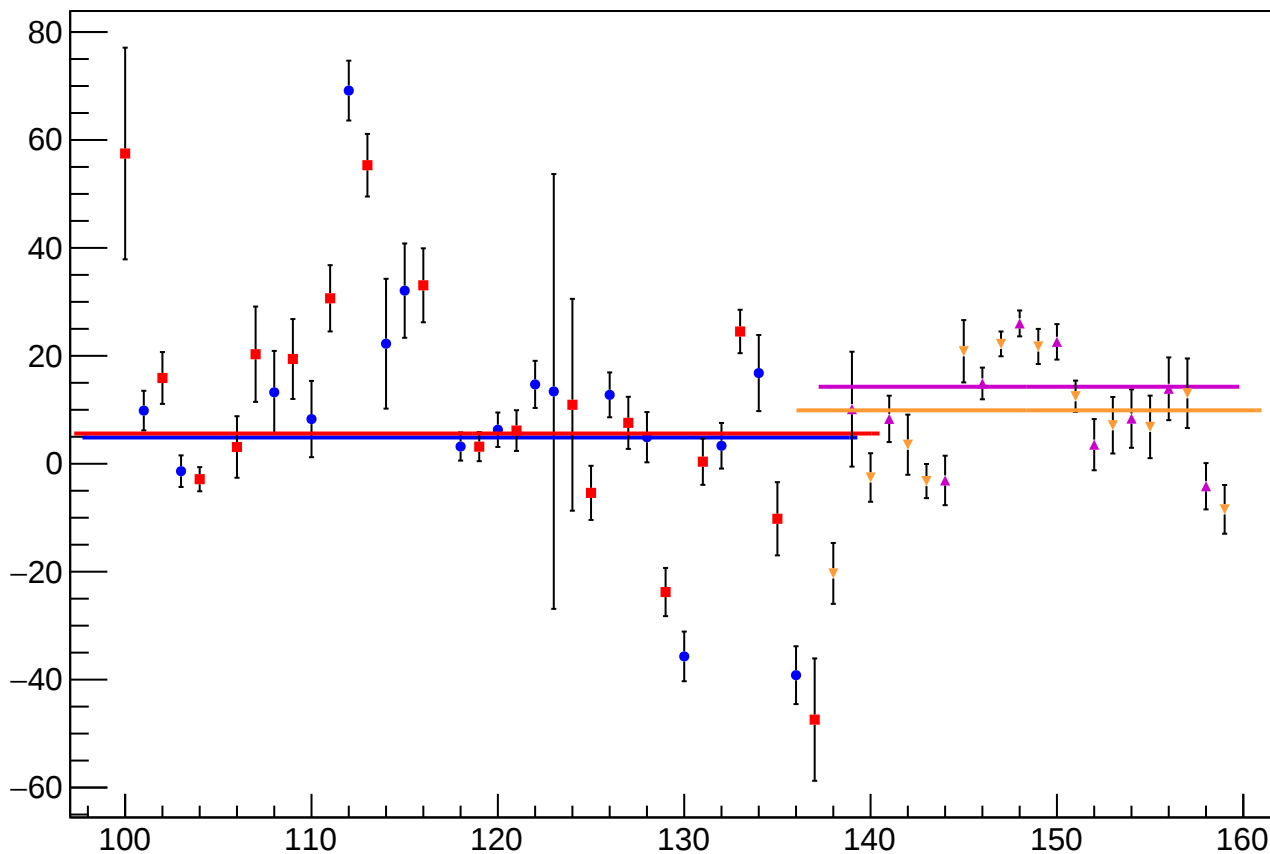
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -297.144+/-1.882 χ^2/NDF :122.3/9

Out: -251.706+/-1.739 χ^2/NDF :3490.8/11

All: -272.628+/-1.277 χ^2/NDF : 3927.6/21

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 9.898 ± 1.128 χ^2/NDF : 118.6/11

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 14.270 ± 1.235 χ^2/NDF : 71.6/9

Left: 11.886 ± 0.833 χ^2/NDF : 197.0/21

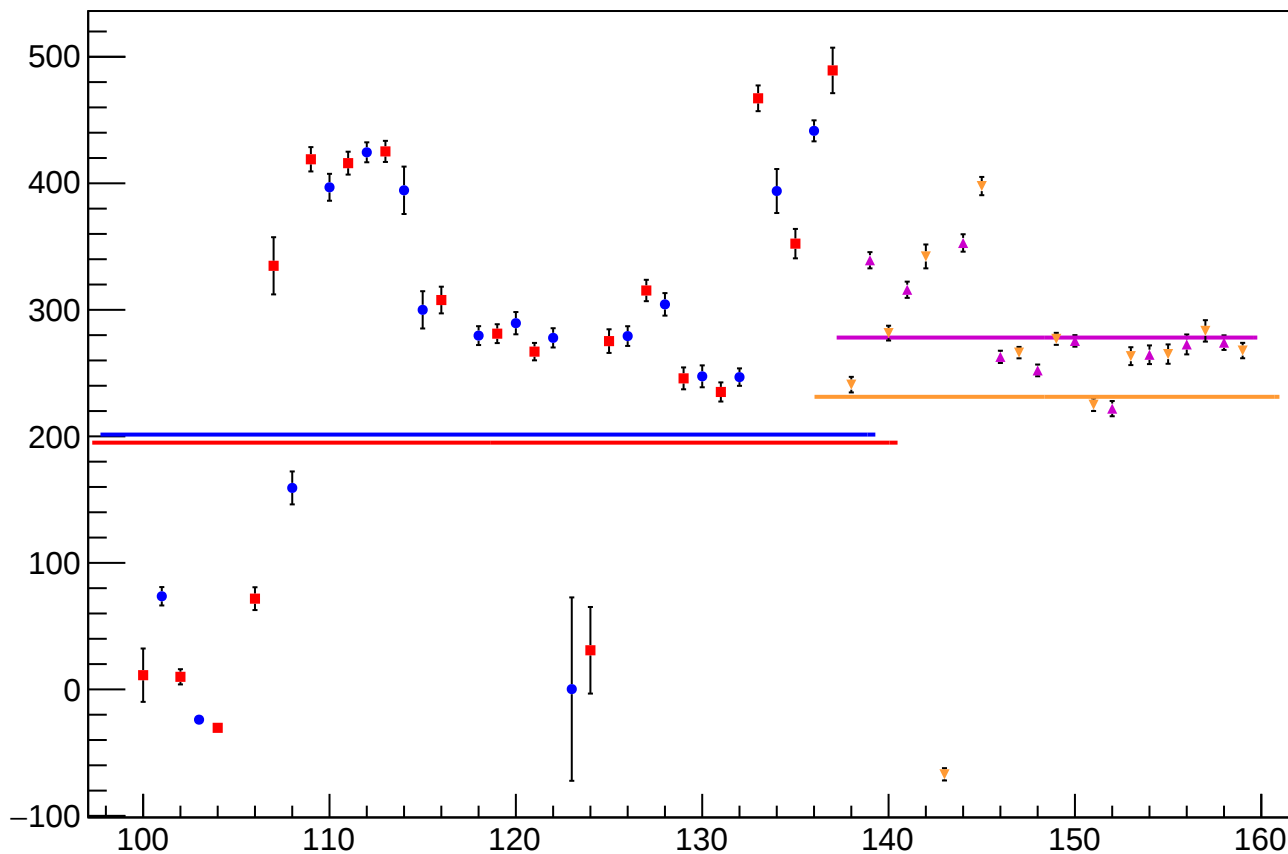
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 8.988 ± 0.818 χ^2/NDF : 415.7/26

Out: 7.637 ± 0.776 χ^2/NDF : 364.8/30

All: 8.277 ± 0.563 χ^2/NDF : 781.9/57

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: 231.251 $\pm$ 1.717 χ^2 /NDF: 4773.0/11

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 278.087 $\pm$ 1.829 χ^2 /NDF: 376.3/9

Left: 253.180 $\pm$ 1.252 χ^2 /NDF: 5497.8/21

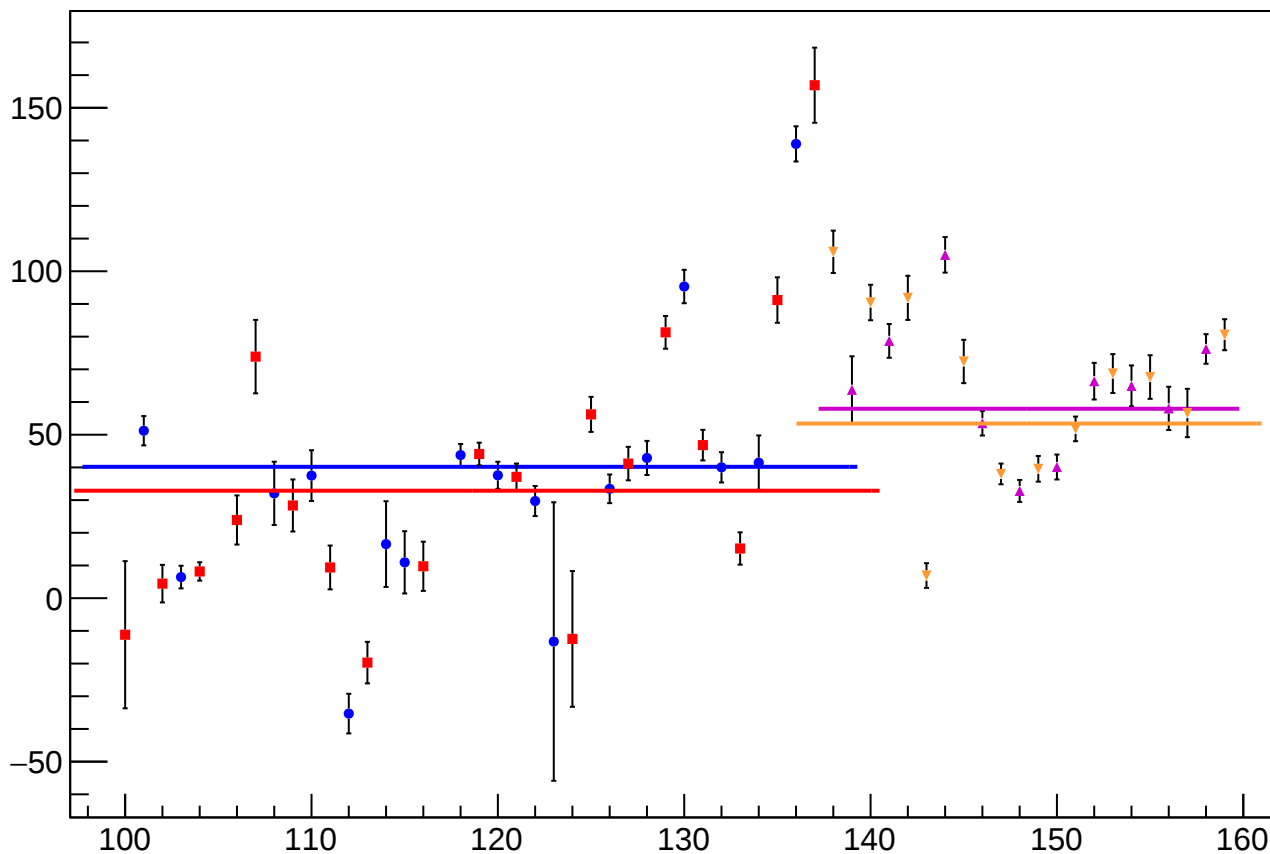
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 242.650 $\pm$ 1.342 χ^2 /NDF: 7928.6/26

Out: 215.187 $\pm$ 1.281 χ^2 /NDF: 13225.1/30

All: 228.279 $\pm$ 0.926 χ^2 /NDF: 21373.0/57

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 53.419 ± 1.386 $\chi^2/\text{NDF}: 384.7/11$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 57.944 ± 1.512 $\chi^2/\text{NDF}: 190.4/9$

Left: 55.485 ± 1.021 $\chi^2/\text{NDF}: 580.0/21$

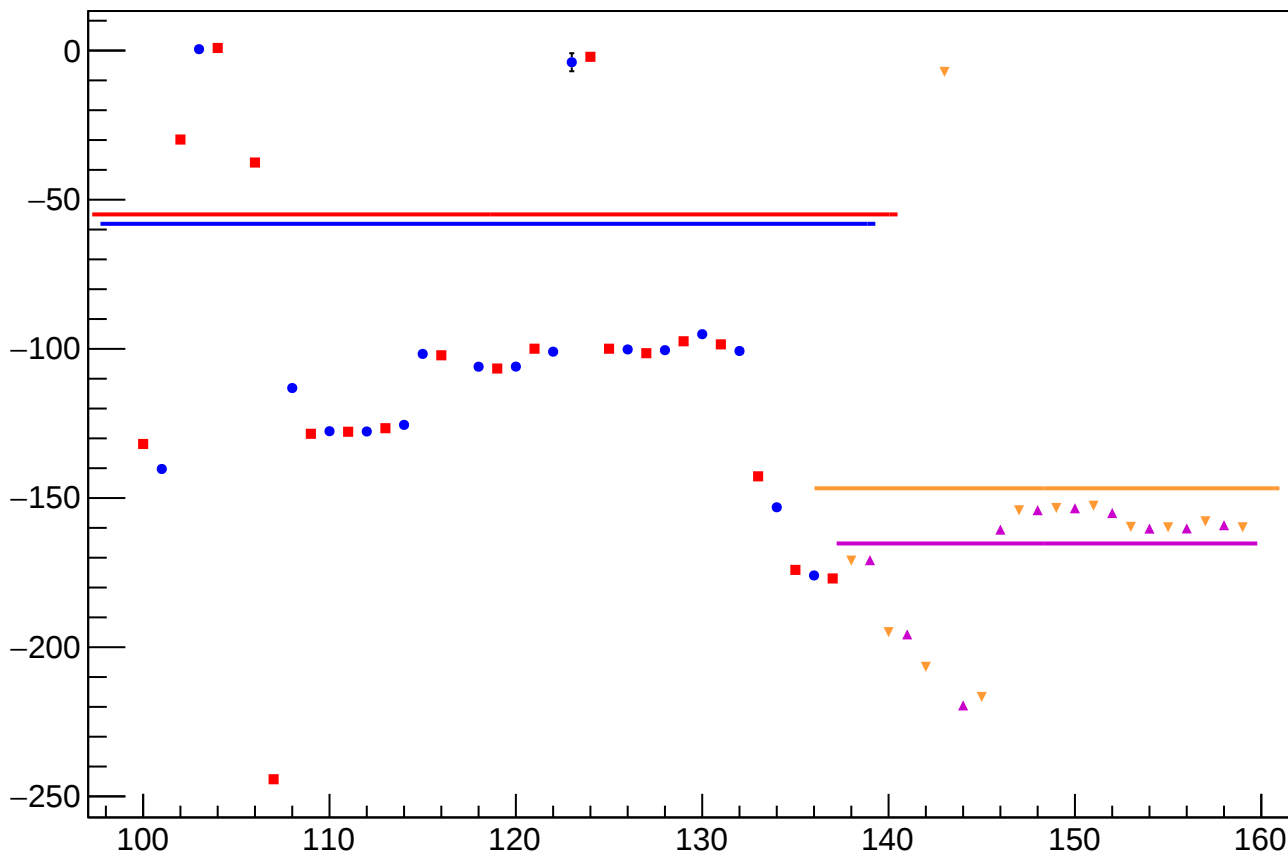
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 47.532 ± 0.972 $\chi^2/\text{NDF}: 1005.4/26$

Out: 42.098 ± 0.928 $\chi^2/\text{NDF}: 1056.9/30$

All: 44.690 ± 0.671 $\chi^2/\text{NDF}: 2078.6/57$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -155.520 ± 0.050 $\chi^2/\text{NDF}: 745203.9/21$

Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -102.638 ± 0.047 $\chi^2/\text{NDF}: 2419412.2/26$

Out: -94.307 ± 0.045 $\chi^2/\text{NDF}: 2655456.4/30$

All: -98.328 ± 0.033 $\chi^2/\text{NDF}: 5091058.4/57$

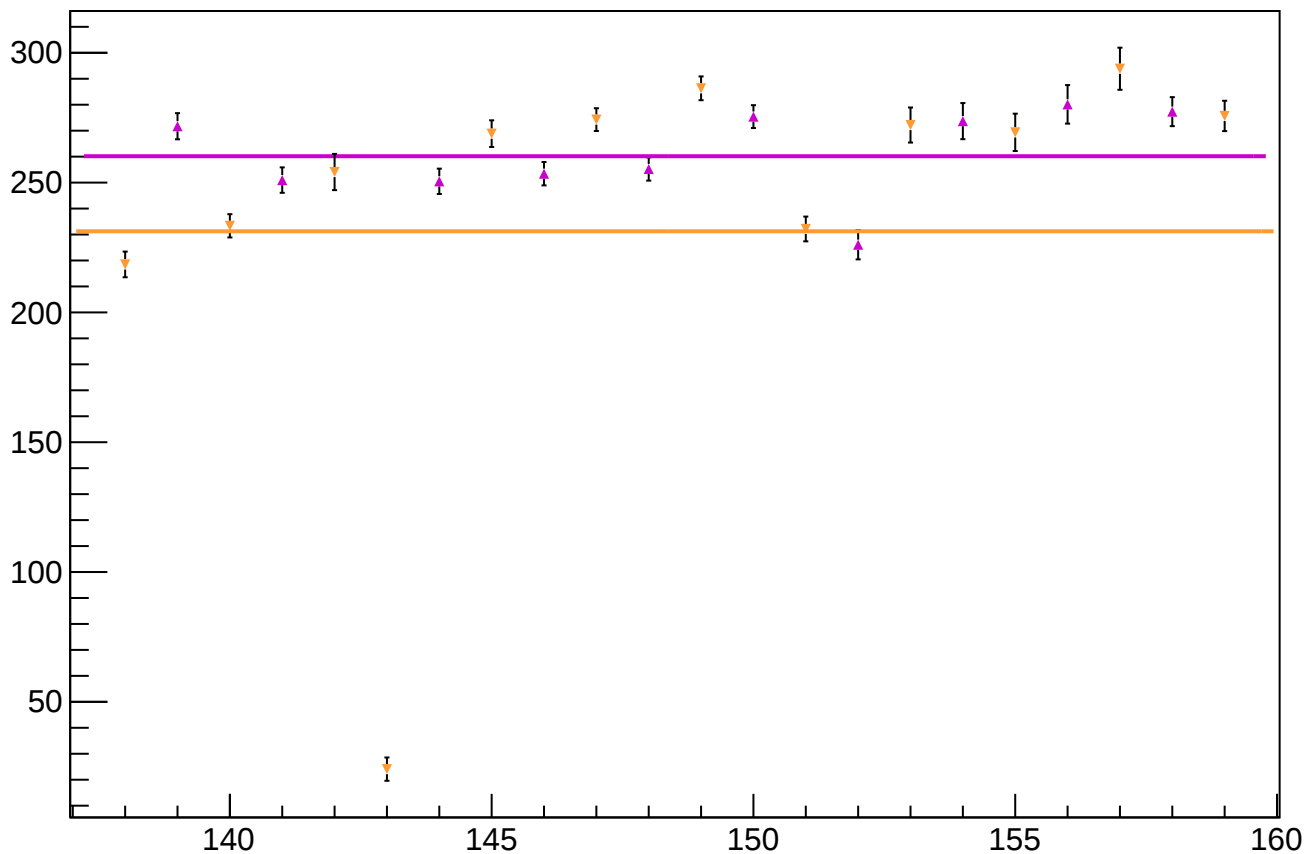
Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -146.734 ± 0.069 $\chi^2/\text{NDF}: 654079.9/11$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -165.231 ± 0.073 $\chi^2/\text{NDF}: 57446.9/9$

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: 231.246+/-1.528 χ^2/NDF :2621.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 260.164+/-1.630 χ^2/NDF :85.0/9

Left: 244.770+/-1.115 χ^2/NDF : 2874.4/21

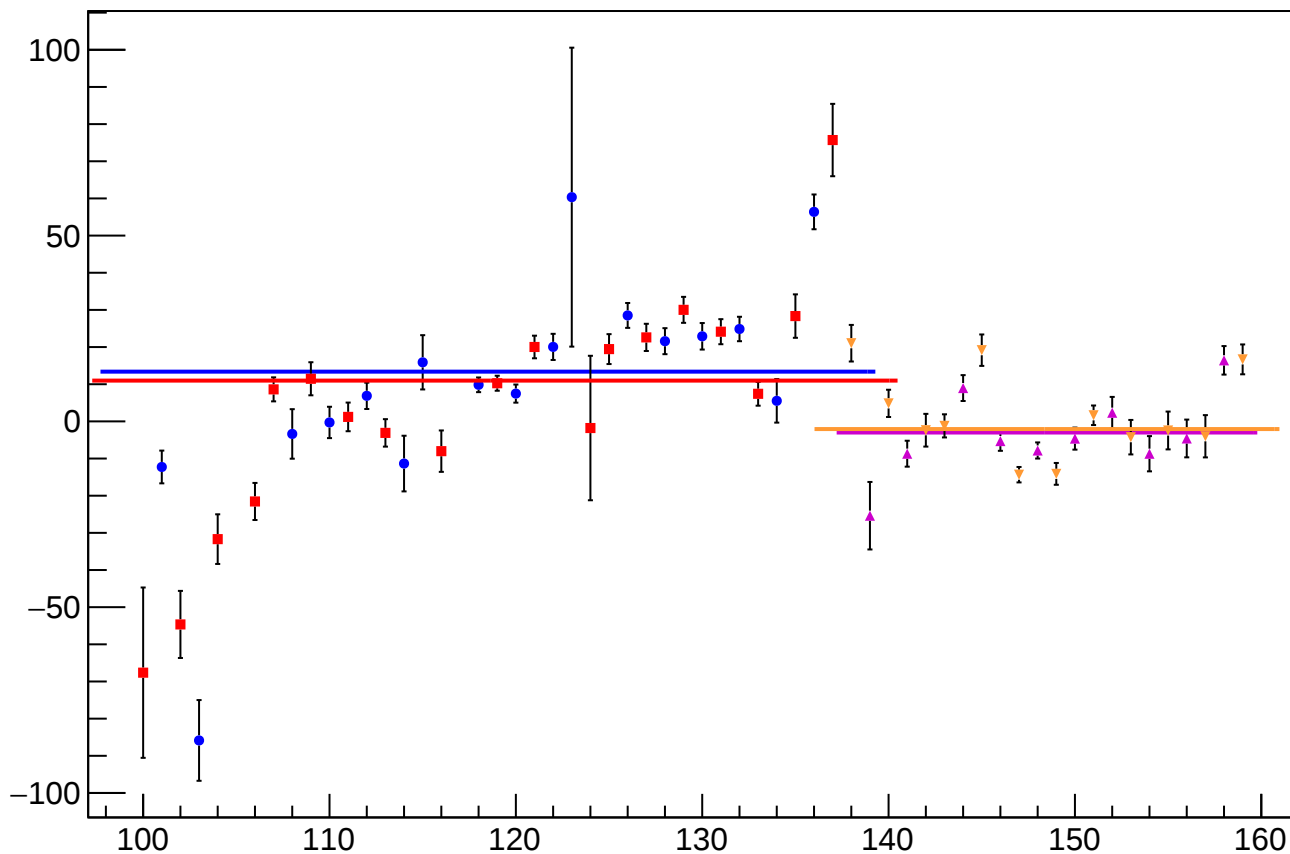
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.164+/-1.630 χ^2/NDF :85.0/9

Out: 231.246+/-1.528 χ^2/NDF :2621.9/11

All: 244.770+/-1.115 χ^2/NDF : 2874.4/21

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: -2.066 ± 1.002 χ^2/NDF : 126.8/11

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: -2.999 ± 1.082 χ^2/NDF : 55.3/9

Left: -2.497 ± 0.735 χ^2/NDF : 182.5/21

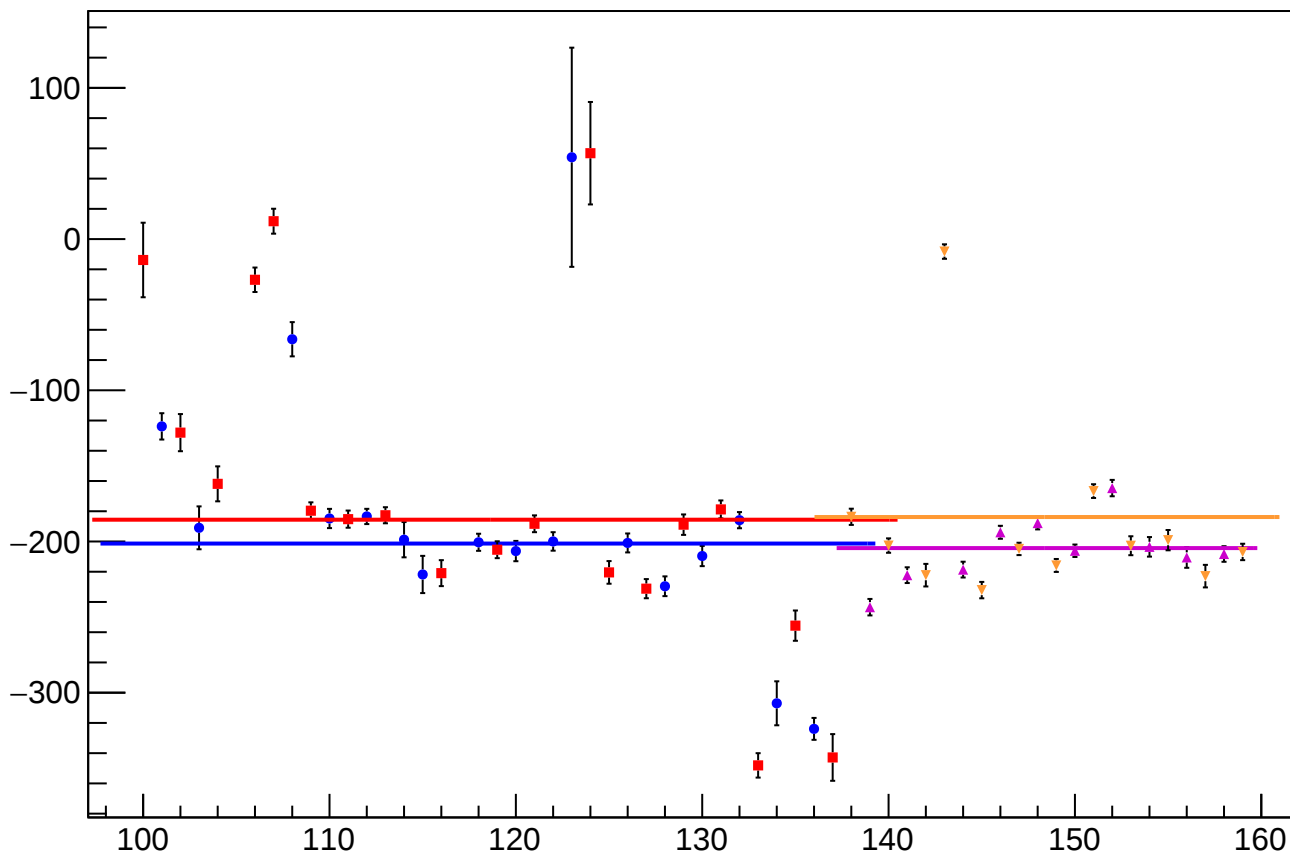
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.502 ± 0.701 χ^2/NDF : 482.3/26

Out: 5.047 ± 0.675 χ^2/NDF : 523.2/30

All: 5.747 ± 0.487 χ^2/NDF : 1007.7/57

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -183.823 ± 1.513 $\chi^2/\text{NDF}: 1621.2/11$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -204.366 ± 1.593 $\chi^2/\text{NDF}: 147.5/9$

Left: -193.566 ± 1.097 $\chi^2/\text{NDF}: 1856.1/21$

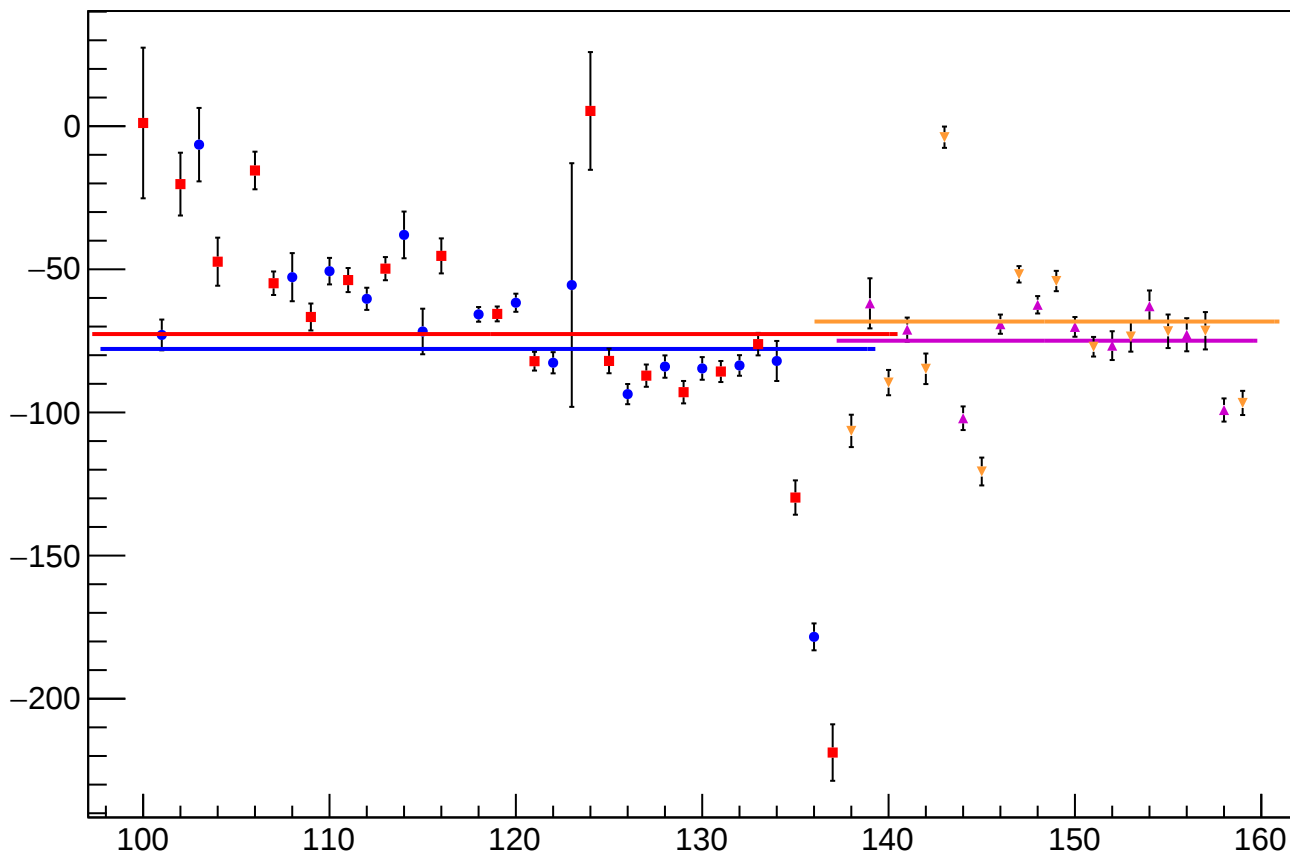
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -203.035 ± 1.188 $\chi^2/\text{NDF}: 774.0/26$

Out: -184.604 ± 1.130 $\chi^2/\text{NDF}: 3370.1/30$

All: -193.358 ± 0.819 $\chi^2/\text{NDF}: 4270.4/57$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -68.242 ± 1.228 $\chi^2/\text{NDF}: 596.8/11$

Right Out: -72.616 ± 1.053 $\chi^2/\text{NDF}: 606.8/18$

Left In: -74.942 ± 1.320 $\chi^2/\text{NDF}: 109.0/9$

Left: -71.348 ± 0.899 $\chi^2/\text{NDF}: 719.6/21$

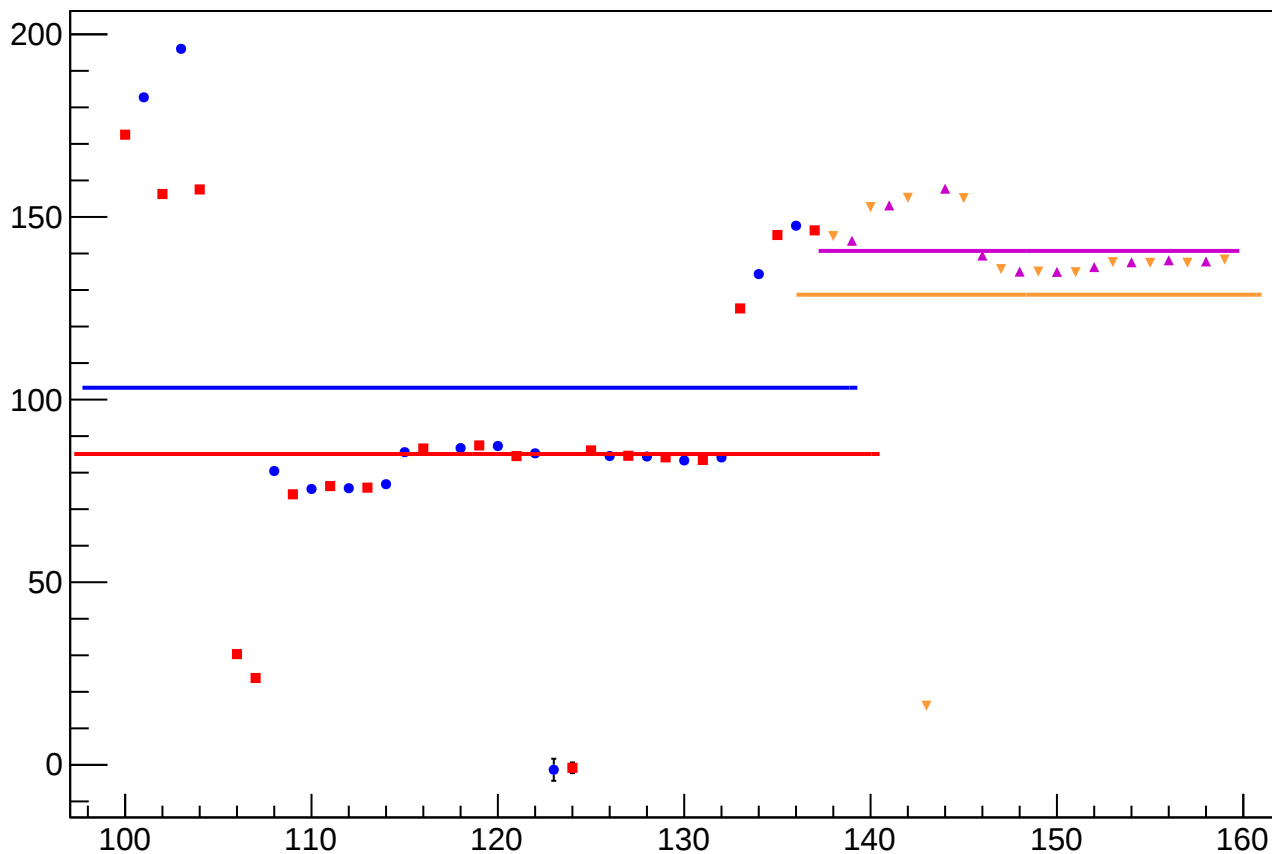
Right: -75.179 ± 0.750 $\chi^2/\text{NDF}: 1275.2/35$

In: -76.681 ± 0.830 $\chi^2/\text{NDF}: 768.2/26$

Out: -70.762 ± 0.799 $\chi^2/\text{NDF}: 1211.0/30$

All: -73.608 ± 0.576 $\chi^2/\text{NDF}: 2005.6/57$

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: 128.715 $\pm$ 0.061 χ^2 /NDF: 394699.5/11

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 140.706 $\pm$ 0.064 χ^2 /NDF: 12364.4/9

Left: 134.473 $\pm$ 0.044 χ^2 /NDF: 425528.7/21

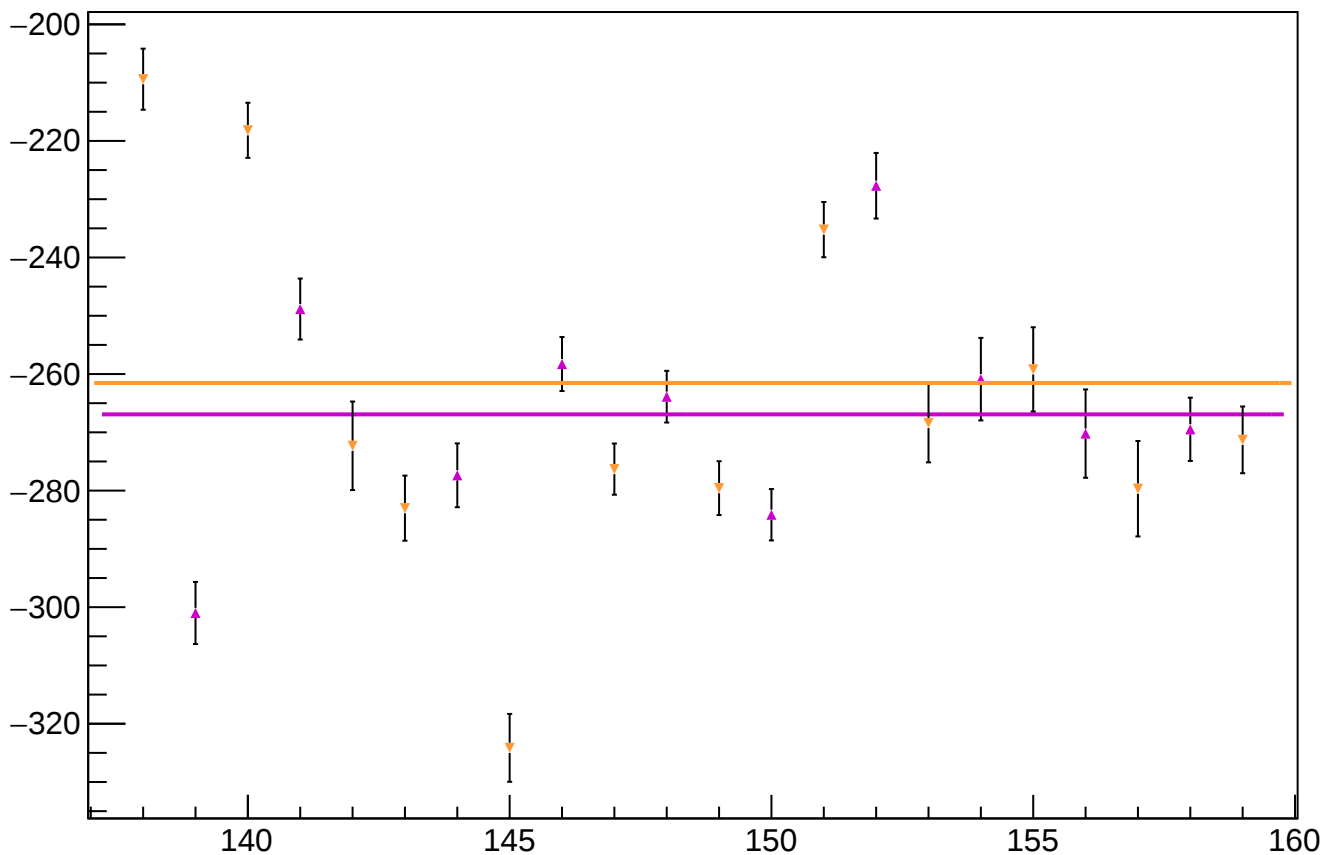
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 123.882 $\pm$ 0.047 χ^2 /NDF: 441451.3/26

Out: 107.805 $\pm$ 0.044 χ^2 /NDF: 1062124.7/30

All: 115.297 $\pm$ 0.032 χ^2 /NDF: 1565470.6/57

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: -261.529+/-1.602 χ^2/NDF :381.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.921+/-1.674 χ^2/NDF :125.3/9

Left: -264.105+/-1.157 χ^2/NDF : 512.6/21

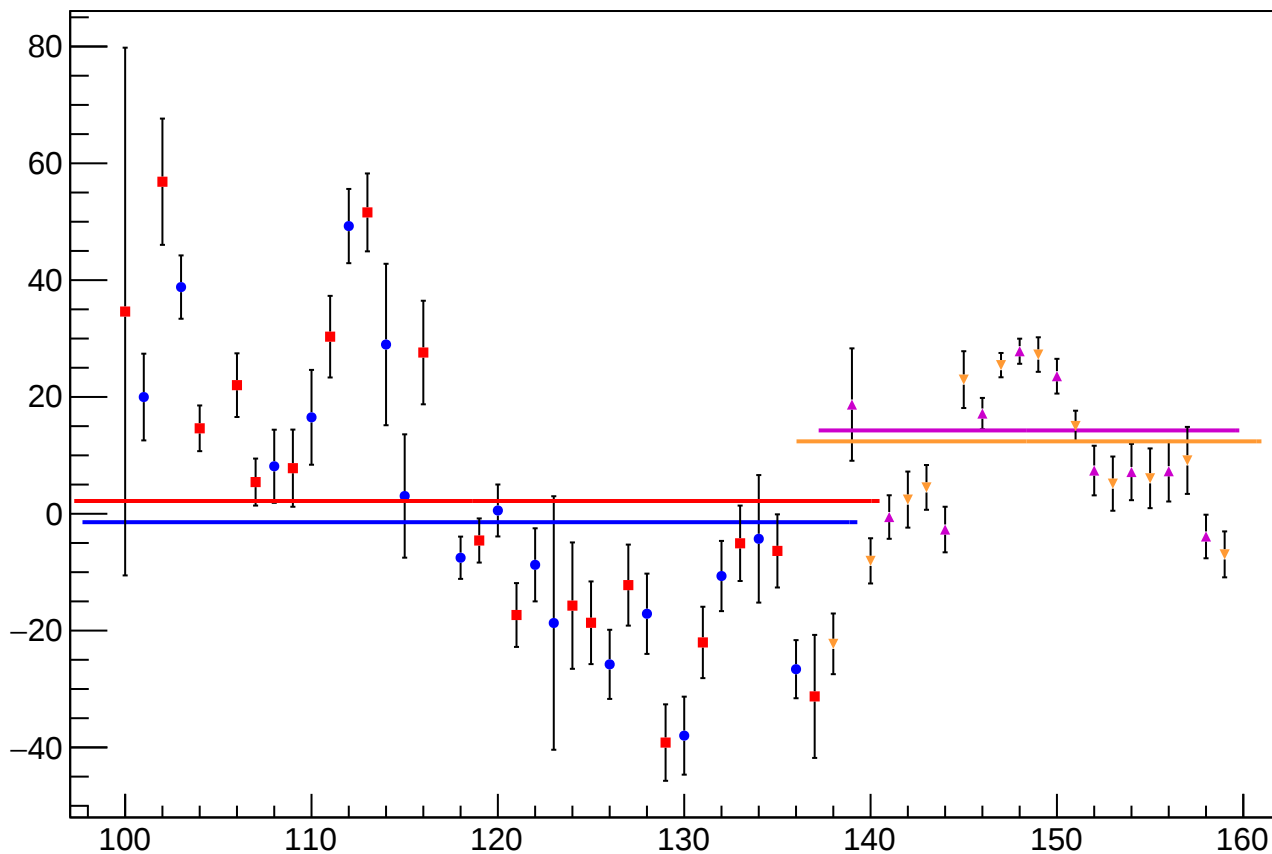
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.921+/-1.674 χ^2/NDF :125.3/9

Out: -261.529+/-1.602 χ^2/NDF :381.9/11

All: -264.105+/-1.157 χ^2/NDF : 512.6/21

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 $\pm$ 1.516 χ^2 /NDF: 224.4/16

Left Out: 12.398 $\pm$ 1.038 χ^2 /NDF:179.8/11

Right Out: 2.188 $\pm$ 1.400 χ^2 /NDF: 230.7/18

Left In: 14.270 $\pm$ 1.101 χ^2 /NDF:115.9/9

Left: 13.279 $\pm$ 0.755 χ^2 /NDF: 297.3/21

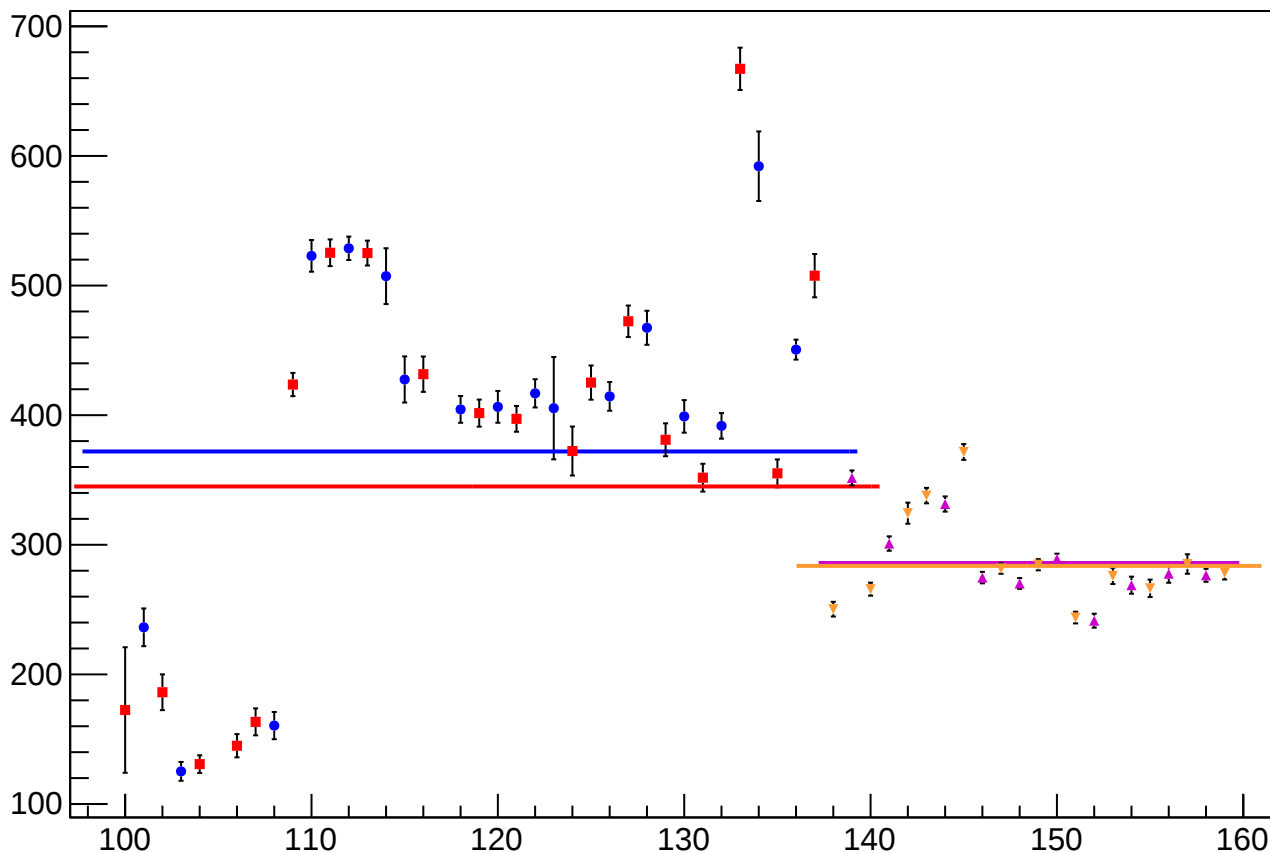
Right: 0.518 $\pm$ 1.029 χ^2 /NDF: 458.2/35

In: 8.845 $\pm$ 0.891 χ^2 /NDF:410.7/26

Out: 8.779 $\pm$ 0.834 χ^2 /NDF:444.8/30

All: 8.810 $\pm$ 0.609 χ^2 /NDF: 855.5/57

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: 283.709 $\pm$ 1.575 χ^2 /NDF:449.4/11

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 285.942 $\pm$ 1.629 χ^2 /NDF:298.1/9

Left: 284.787 $\pm$ 1.132 χ^2 /NDF: 748.5/21

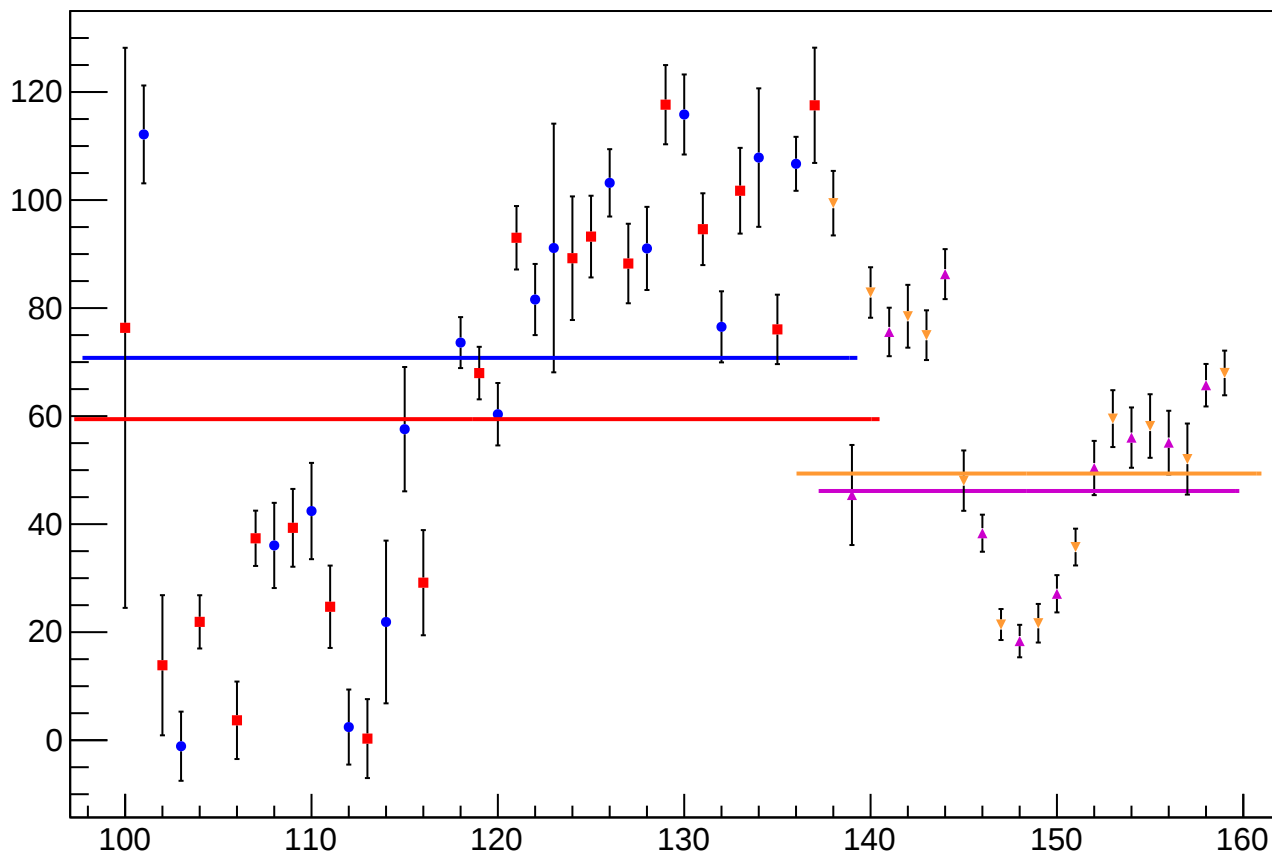
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 308.118 $\pm$ 1.403 χ^2 /NDF:3448.4/26

Out: 300.523 $\pm$ 1.341 χ^2 /NDF:4279.3/30

All: 304.149 $\pm$ 0.970 χ^2 /NDF: 7743.1/57

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: 49.368 $\pm$ 1.275 χ^2 /NDF: 375.1/11

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 46.138 $\pm$ 1.345 χ^2 /NDF: 270.2/9

Left: 47.840 $\pm$ 0.925 χ^2 /NDF: 648.3/21

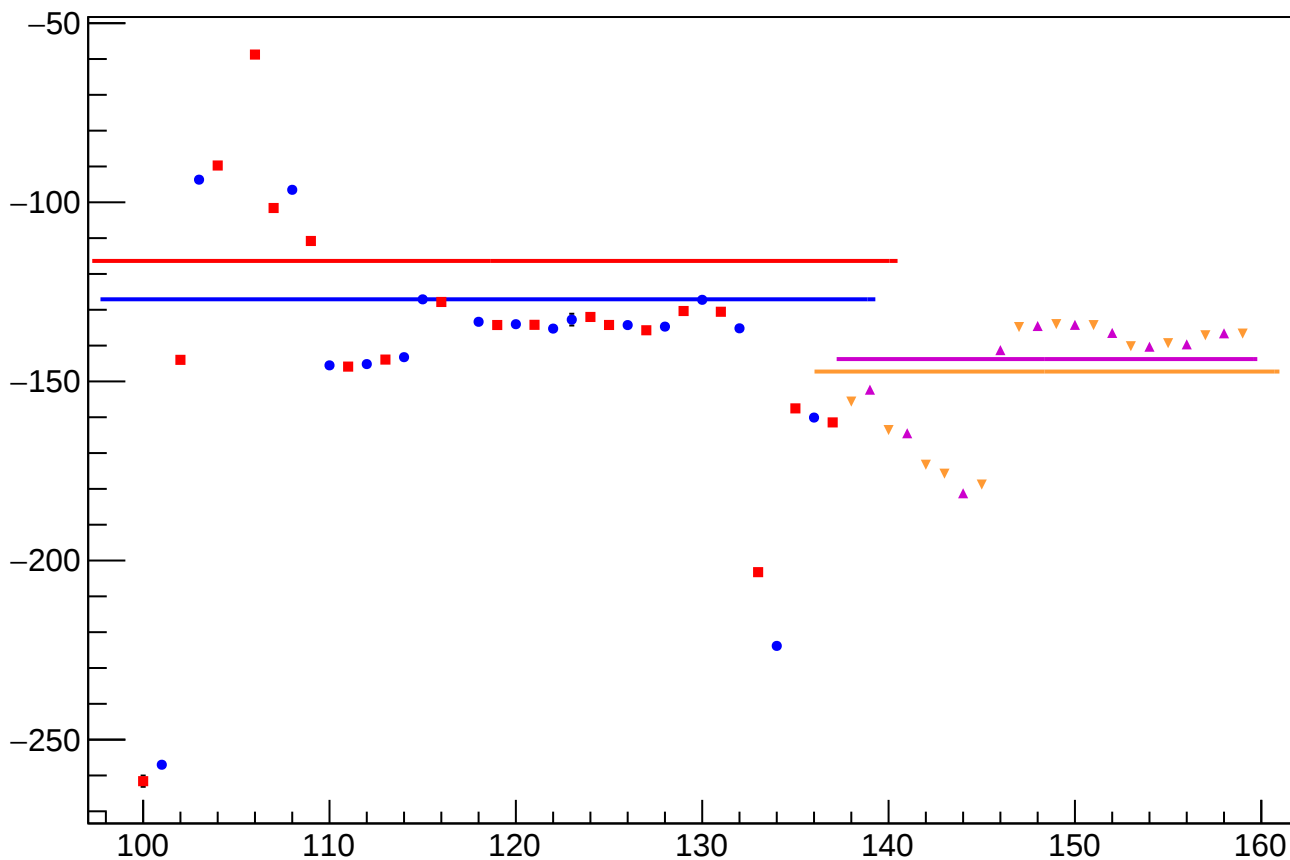
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 55.314 $\pm$ 1.066 χ^2 /NDF: 819.0/26

Out: 53.187 $\pm$ 1.005 χ^2 /NDF: 885.5/30

All: 54.188 $\pm$ 0.731 χ^2 /NDF: 1706.6/57

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: -147.246+/-0.064 χ^2/NDF : 64709.4/11

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -143.764+/-0.065 χ^2/NDF : 40662.8/9

Left: -145.541+/-0.045 χ^2/NDF : 106836.9/21

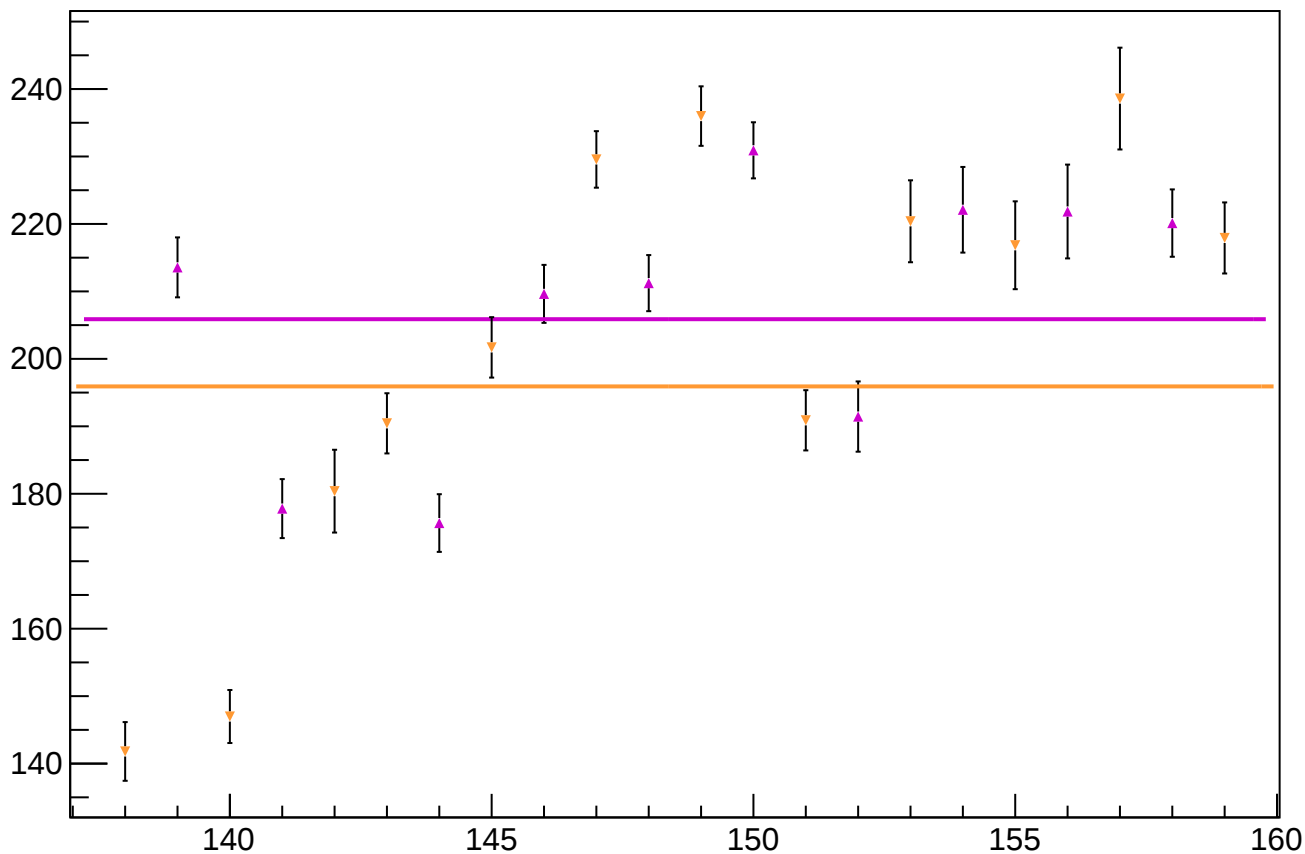
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.004+/-0.053 χ^2/NDF : 230443.9/26

Out: -135.785+/-0.051 χ^2/NDF : 319530.6/30

All: -136.850+/-0.036 χ^2/NDF : 550900.2/57

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: 195.915+/-1.404 χ^2/NDF :543.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 205.880+/-1.491 χ^2/NDF :160.5/9

Left: 200.600+/-1.022 χ^2/NDF : 727.6/21

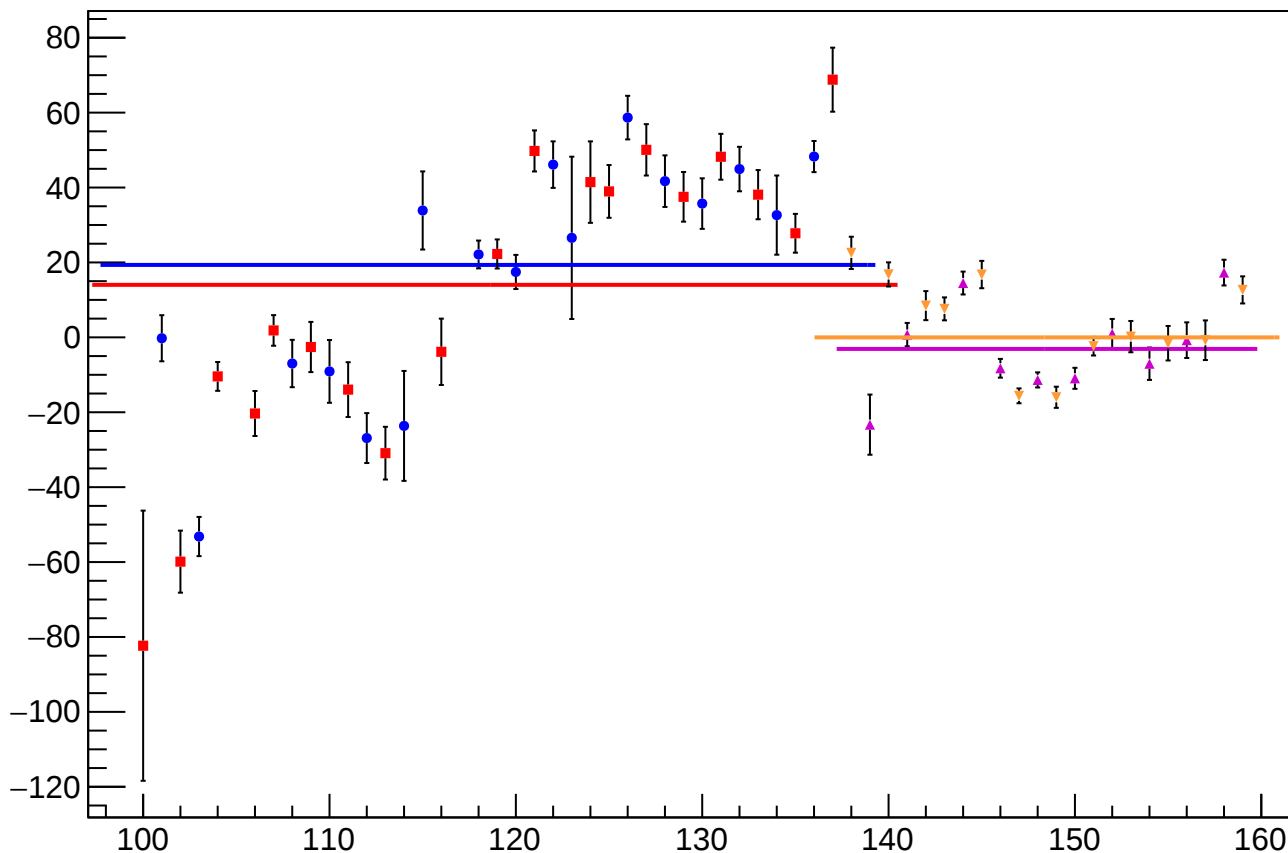
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 205.880+/-1.491 χ^2/NDF :160.5/9

Out: 195.915+/-1.404 χ^2/NDF :543.5/11

All: 200.600+/-1.022 χ^2/NDF : 727.6/21

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.010 ± 0.930 $\chi^2/\text{NDF}: 193.9/11$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -3.093 ± 0.997 $\chi^2/\text{NDF}: 107.4/9$

Left: -1.444 ± 0.680 $\chi^2/\text{NDF}: 306.4/21$

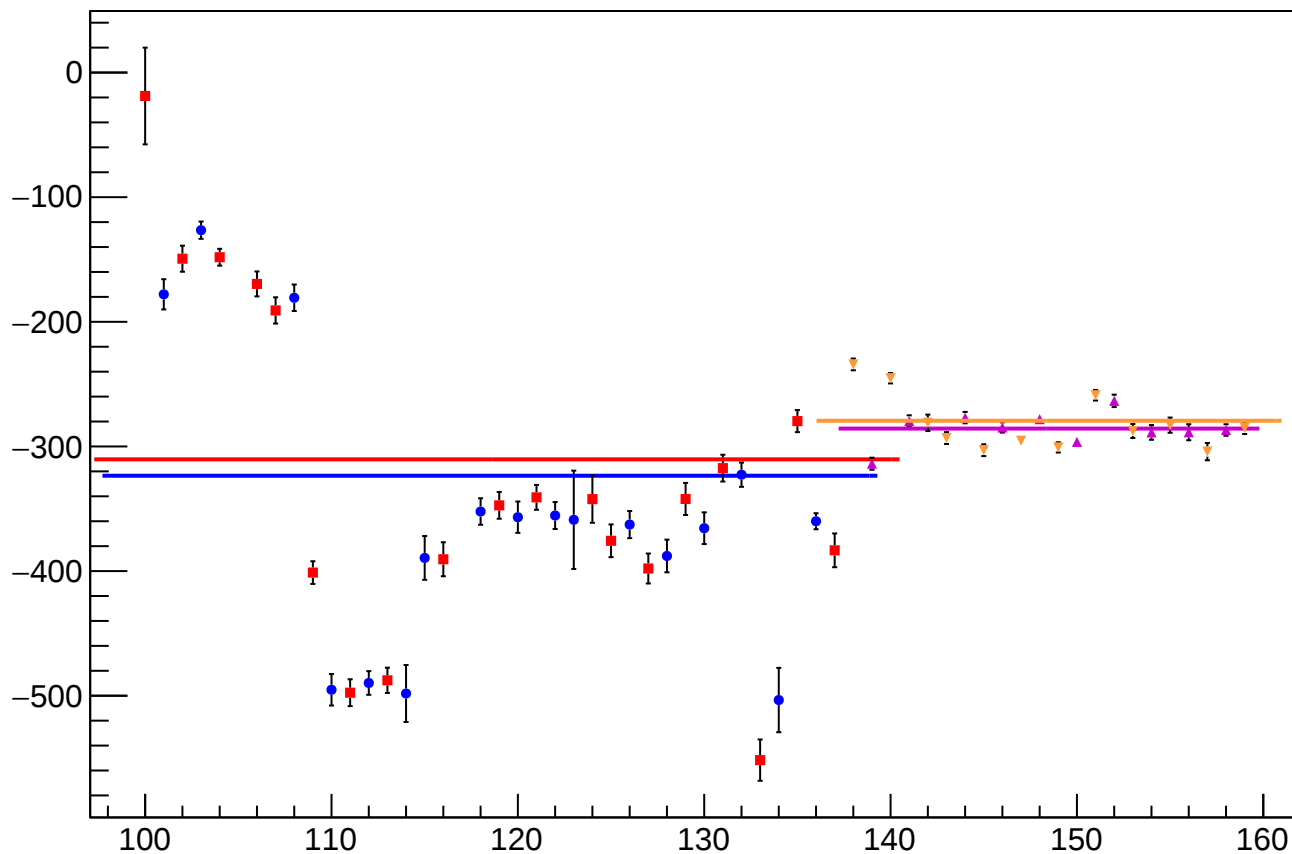
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.895 ± 0.827 $\chi^2/\text{NDF}: 704.8/26$

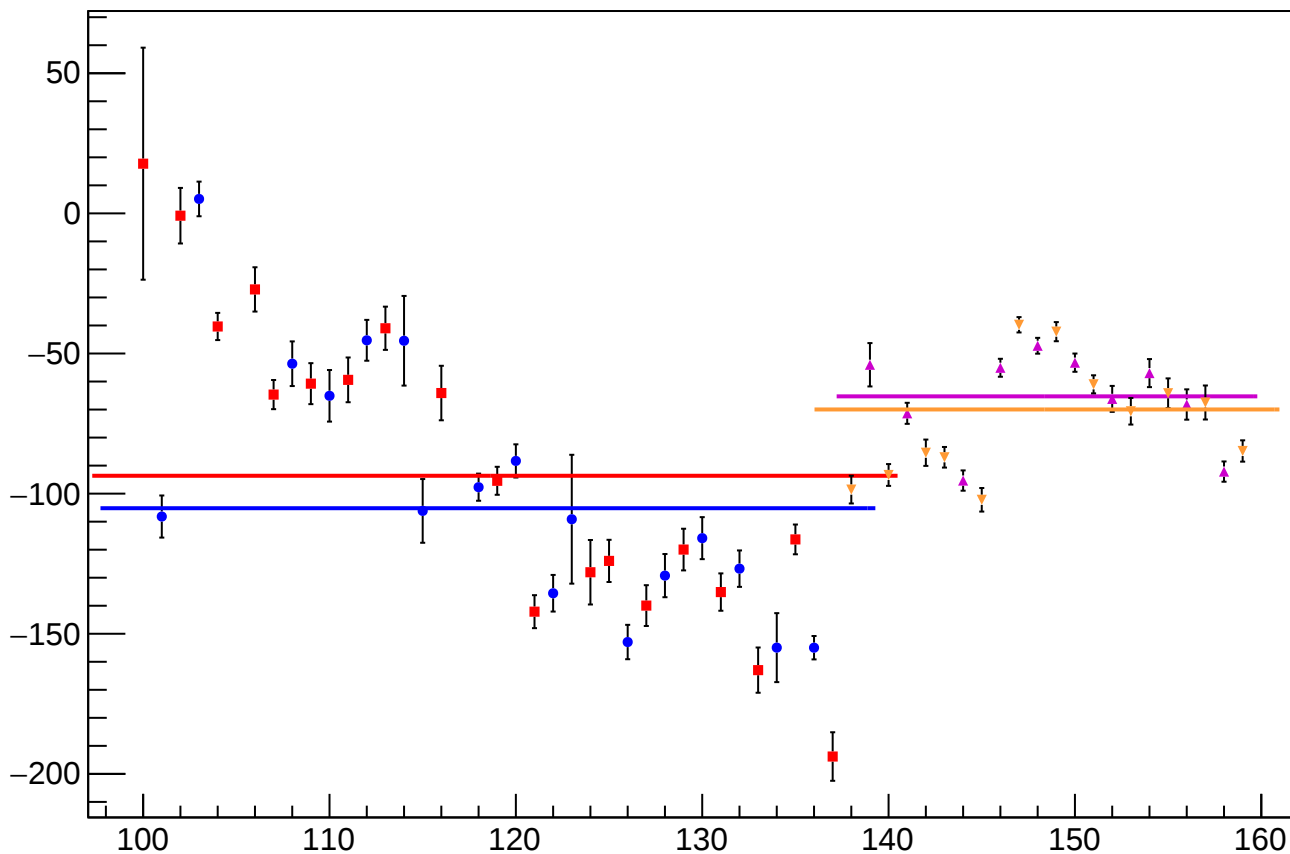
Out: 4.326 ± 0.773 $\chi^2/\text{NDF}: 697.5/30$

All: 4.125 ± 0.565 $\chi^2/\text{NDF}: 1402.5/57$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -69.966 ± 1.136 χ^2/NDF : 372.8/11

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -65.289 ± 1.214 χ^2/NDF : 196.5/9

Left: -67.782 ± 0.830 χ^2/NDF : 577.2/21

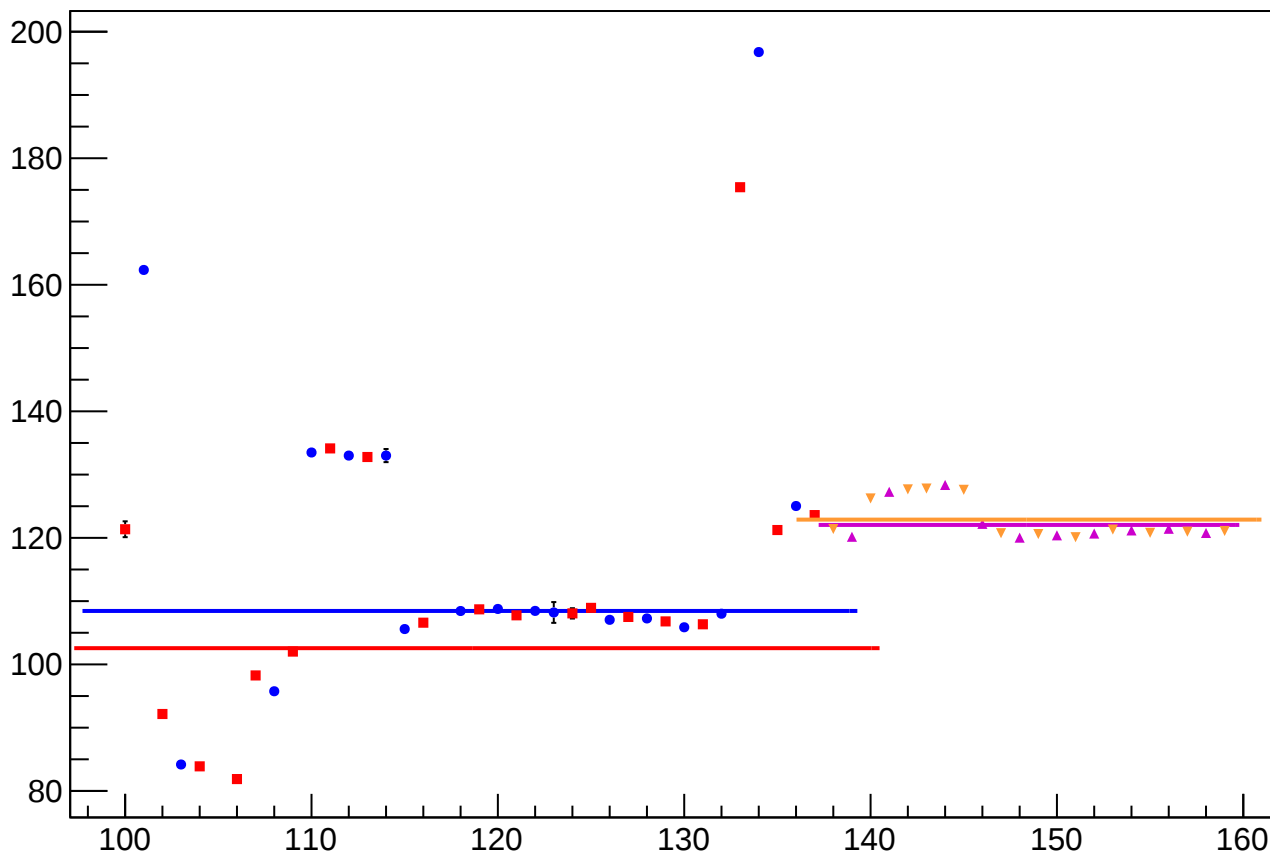
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -78.803 ± 0.987 χ^2/NDF : 1298.2/26

Out: -77.832 ± 0.928 χ^2/NDF : 1339.6/30

All: -78.287 ± 0.676 χ^2/NDF : 2638.3/57

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: 122.884 $\pm$ 0.056 χ^2 /NDF: 2873.9/11

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 122.045 $\pm$ 0.058 χ^2 /NDF: 2273.5/9

Left: 122.479 $\pm$ 0.040 χ^2 /NDF: 5255.0/21

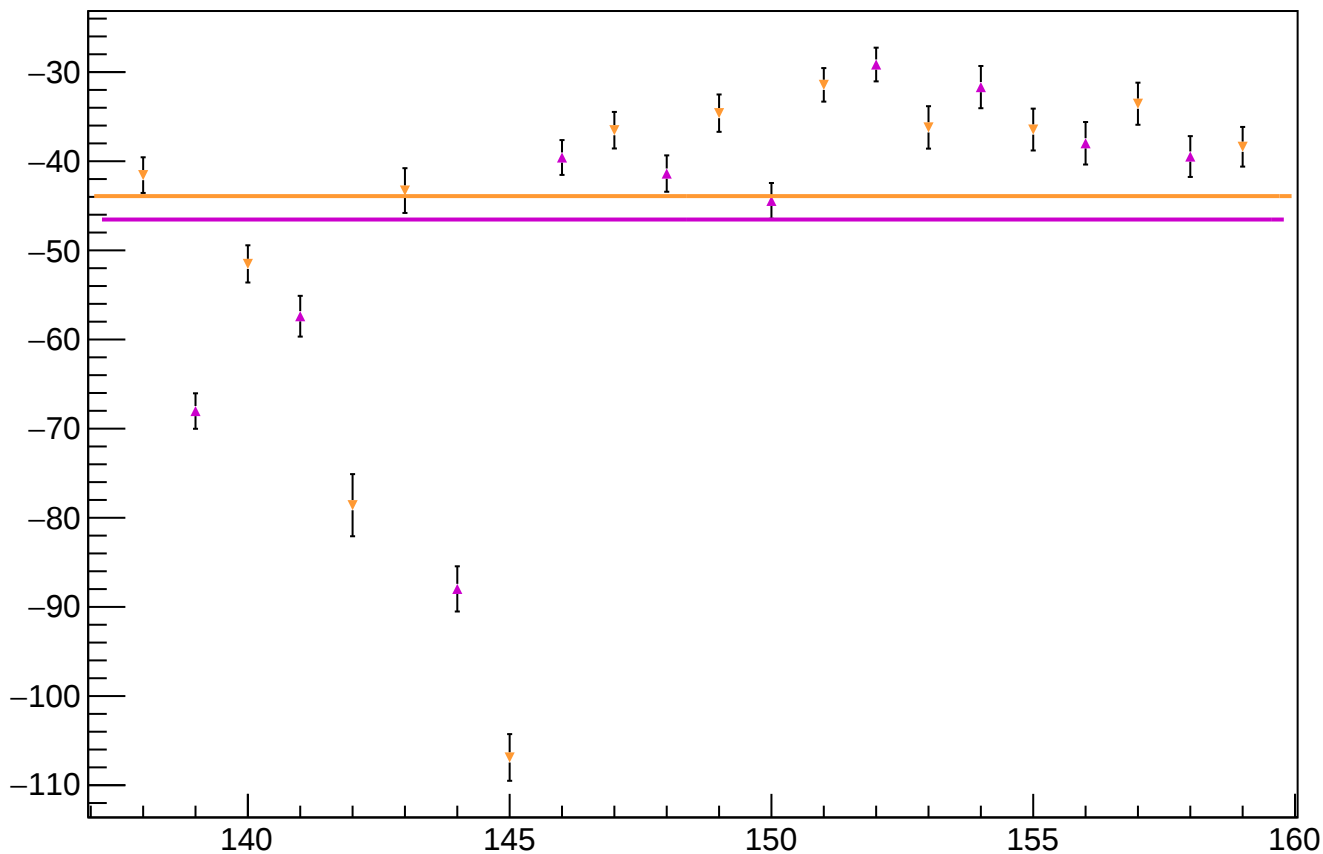
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.690 $\pm$ 0.048 χ^2 /NDF: 93016.8/26

Out: 116.104 $\pm$ 0.046 χ^2 /NDF: 99595.9/30

All: 116.862 $\pm$ 0.033 χ^2 /NDF: 193183.5/57

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



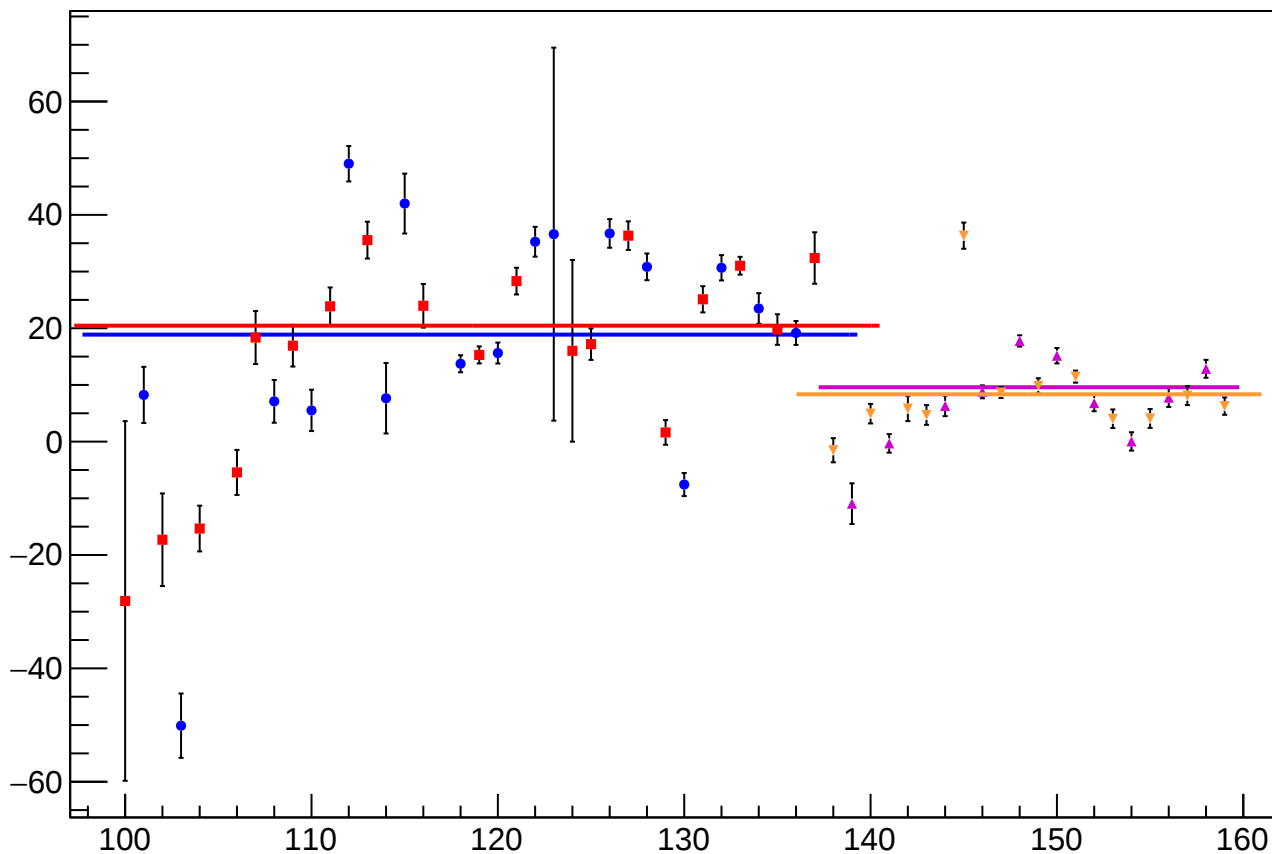
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -43.913+/-0.652 χ^2/NDF :814.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -46.540+/-0.678 χ^2/NDF :572.6/9

Left: -45.175+/-0.470 χ^2/NDF : 1395.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.540+/-0.678 χ^2/NDF :572.6/9
 Out: -43.913+/-0.652 χ^2/NDF :814.6/11

All: -45.175+/-0.470 χ^2/NDF : 1395.0/21

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: 8.351+/-0.435 χ^2/NDF : 203.0/11

Right Out: 20.454+/-0.643 χ^2/NDF : 364.8/18

Left In: 9.595+/-0.460 χ^2/NDF : 201.7/9

Left: 8.938+/-0.316 χ^2/NDF : 408.5/21

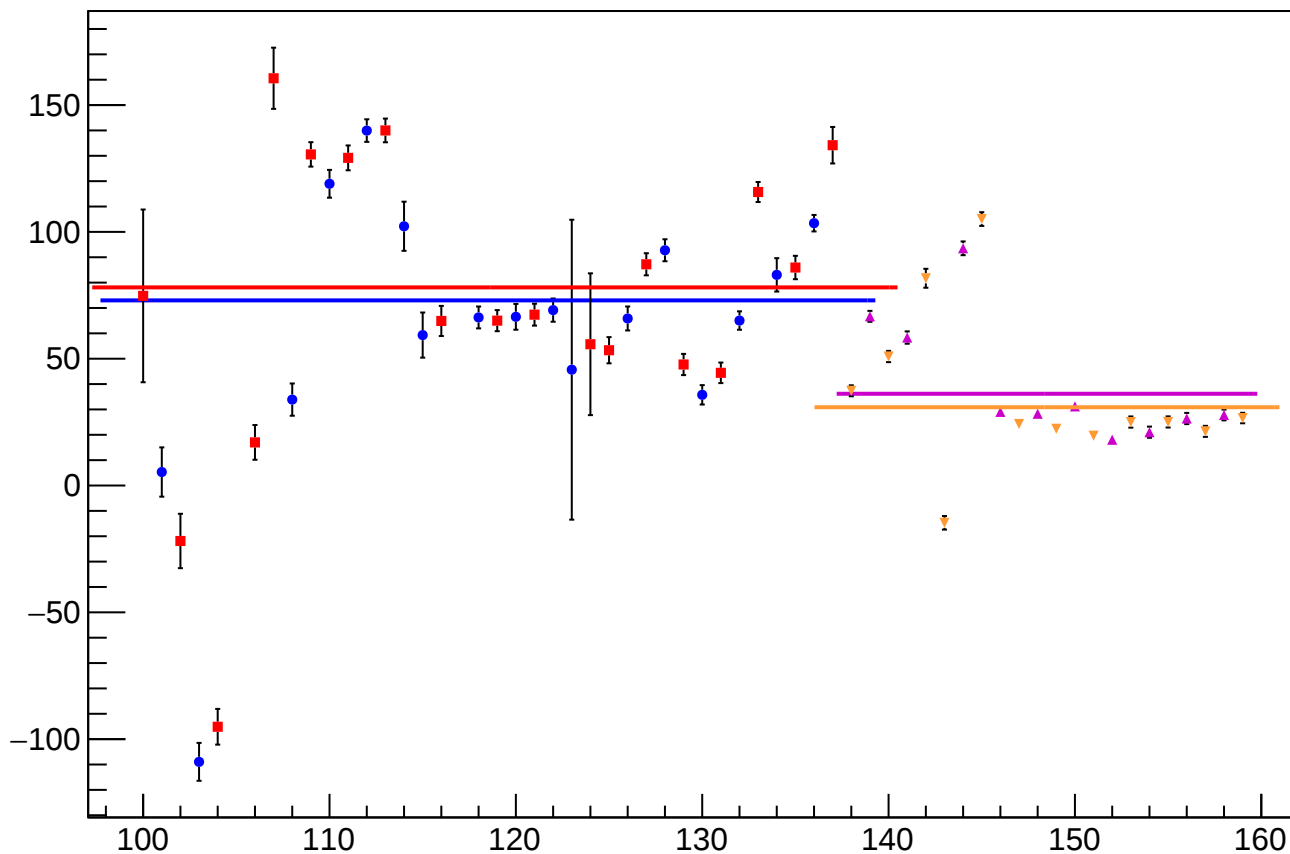
Right: 19.666+/-0.455 χ^2/NDF : 988.3/35

In: 12.730+/-0.375 χ^2/NDF : 959.5/26

Out: 12.151+/-0.361 χ^2/NDF : 810.5/30

All: 12.429+/-0.260 χ^2/NDF : 1771.3/57

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 30.864 $\pm$ 0.637 χ^2 /NDF:1424.8/11

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 36.177 $\pm$ 0.659 χ^2 /NDF:952.6/9

Left: 33.432 $\pm$ 0.458 χ^2 /NDF: 2411.1/21

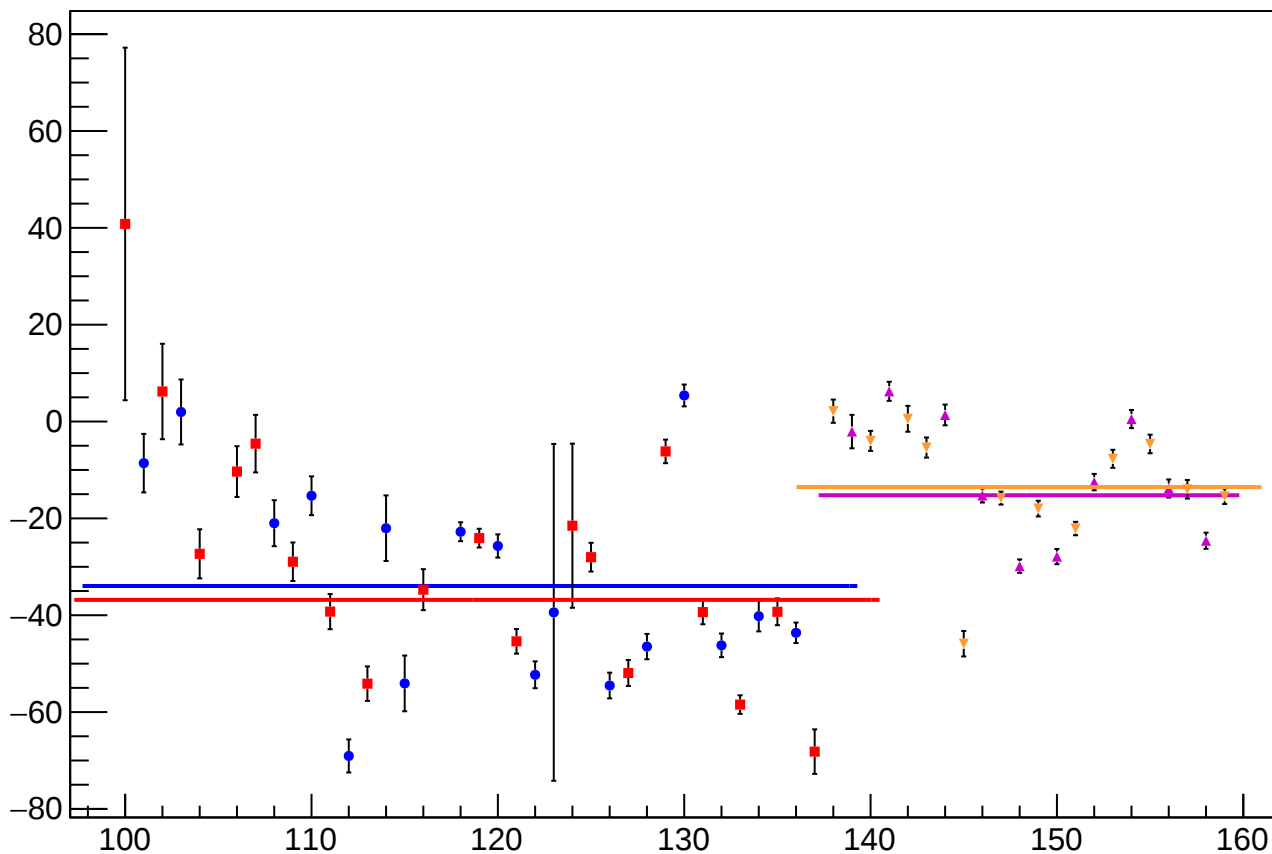
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 44.387 $\pm$ 0.581 χ^2 /NDF:2854.2/26

Out: 40.951 $\pm$ 0.565 χ^2 /NDF:4145.5/30

All: 42.622 $\pm$ 0.405 χ^2 /NDF: 7017.6/57

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.537 ± 0.528 χ^2/NDF : 339.6/11

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -15.222 ± 0.556 χ^2/NDF : 475.2/9

Left: -14.335 ± 0.383 χ^2/NDF : 819.6/21

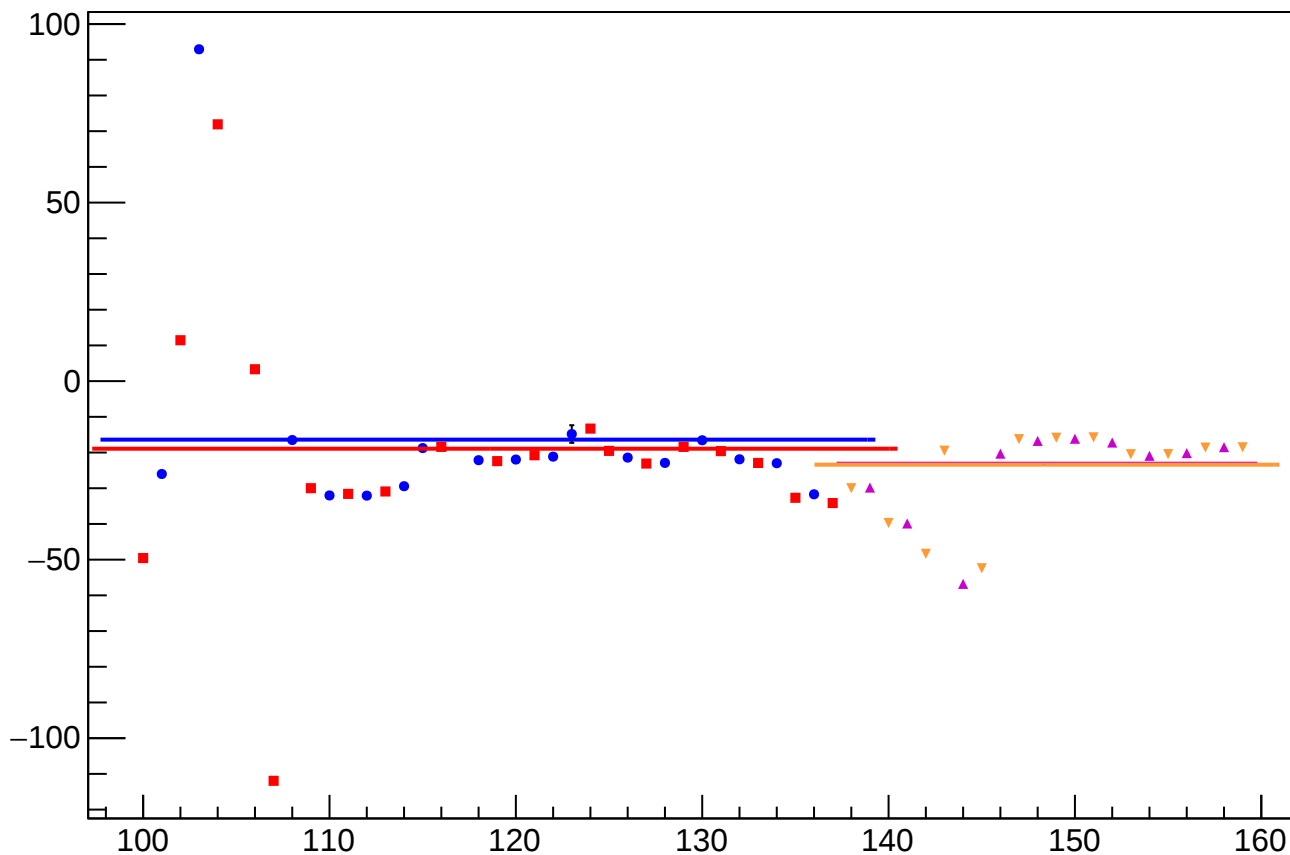
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -22.016 ± 0.444 χ^2/NDF : 1608.7/26

Out: -21.429 ± 0.429 χ^2/NDF : 1539.8/30

All: -21.713 ± 0.309 χ^2/NDF : 3149.5/57

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: -23.401 ± 0.025 $\chi^2/\text{NDF}: 172458.6/11$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -23.127 ± 0.026 $\chi^2/\text{NDF}: 144654.7/9$

Left: -23.268 ± 0.018 $\chi^2/\text{NDF}: 317171.4/21$

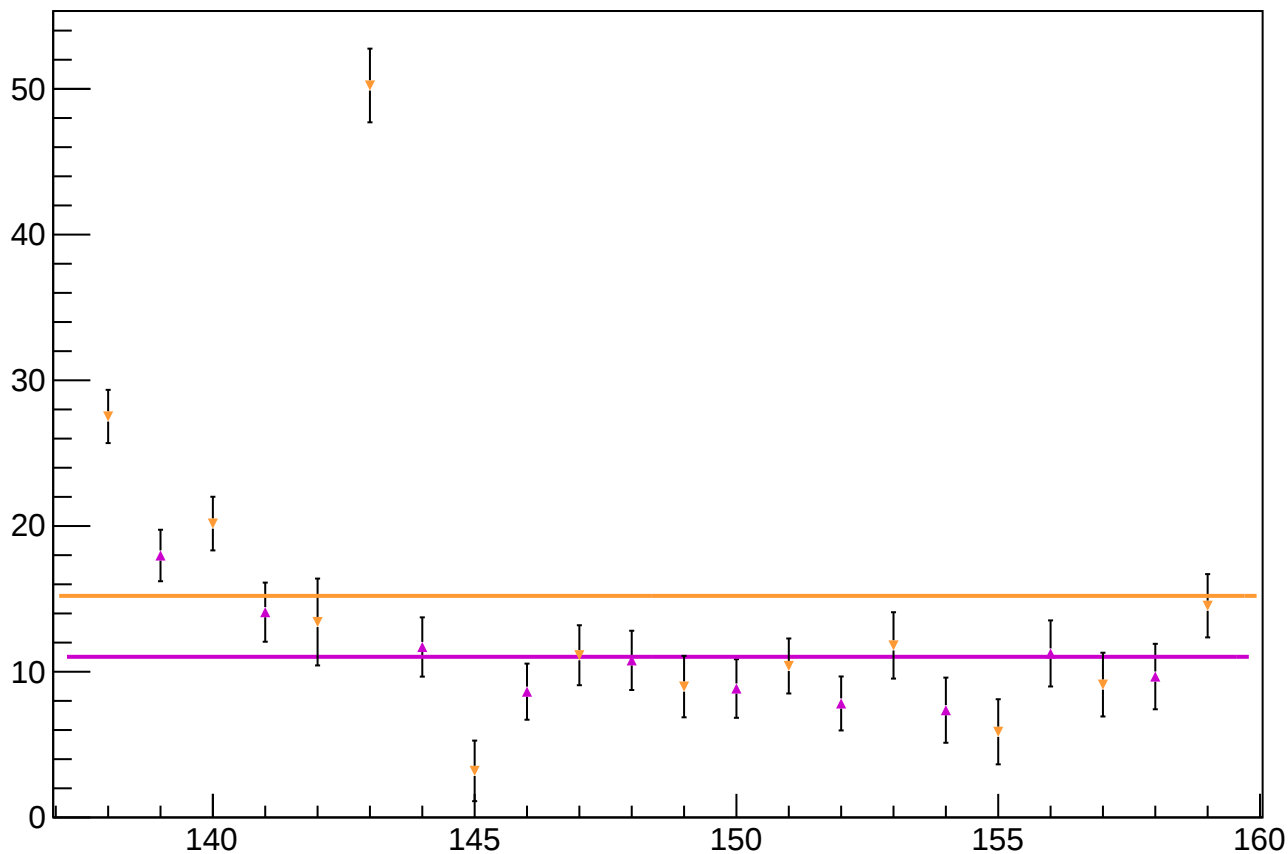
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.433 ± 0.022 $\chi^2/\text{NDF}: 636159.7/26$

Out: -22.353 ± 0.022 $\chi^2/\text{NDF}: 614097.6/30$

All: -21.901 ± 0.016 $\chi^2/\text{NDF}: 1251123.3/57$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.206+/-0.614 χ^2/NDF :325.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.025+/-0.639 χ^2/NDF :26.7/9

Left: 13.199+/-0.443 χ^2/NDF : 374.0/21

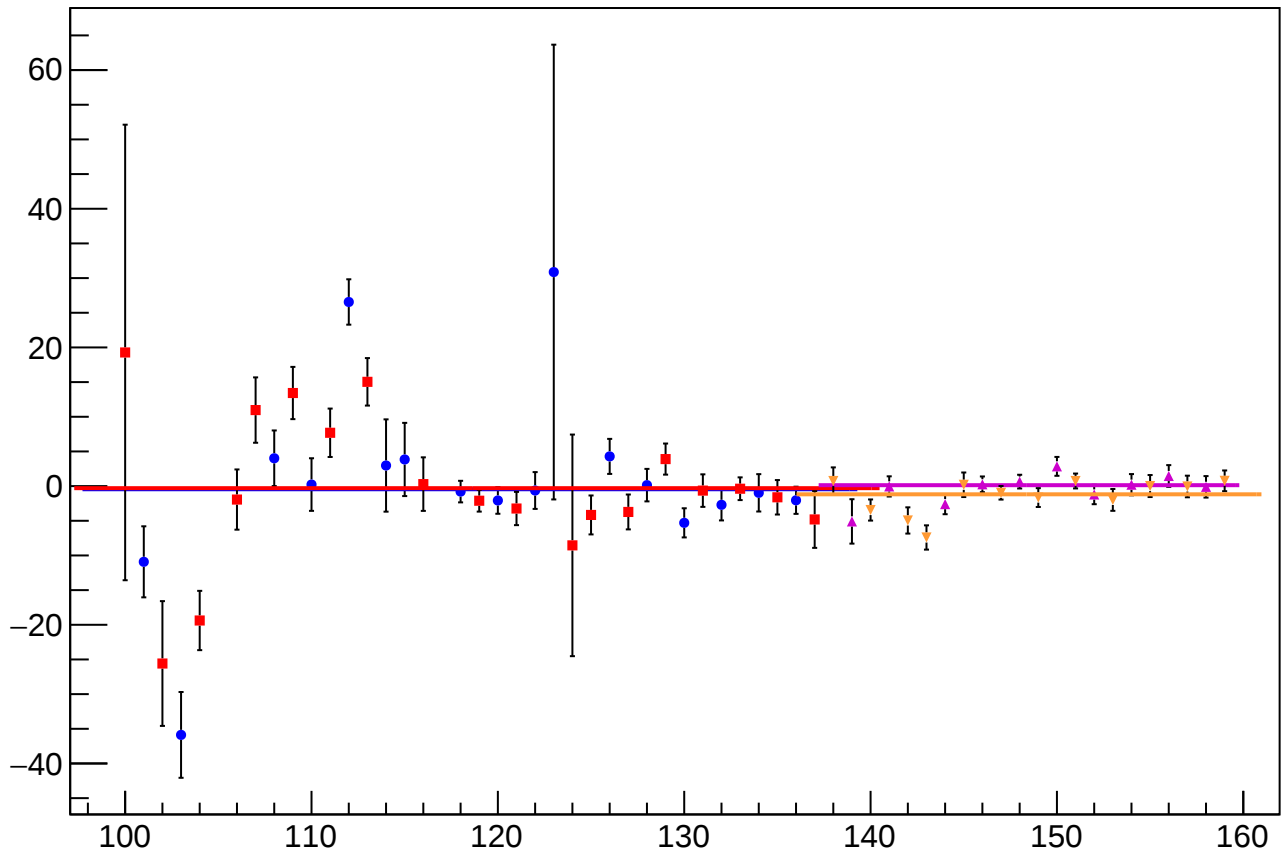
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.025+/-0.639 χ^2/NDF :26.7/9

Out: 15.206+/-0.614 χ^2/NDF :325.1/11

All: 13.199+/-0.443 χ^2/NDF : 374.0/21

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: -1.182 ± 0.418 χ^2/NDF : 26.8/11

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.133 ± 0.441 χ^2/NDF : 12.1/9

Left: -0.560 ± 0.303 χ^2/NDF : 43.6/21

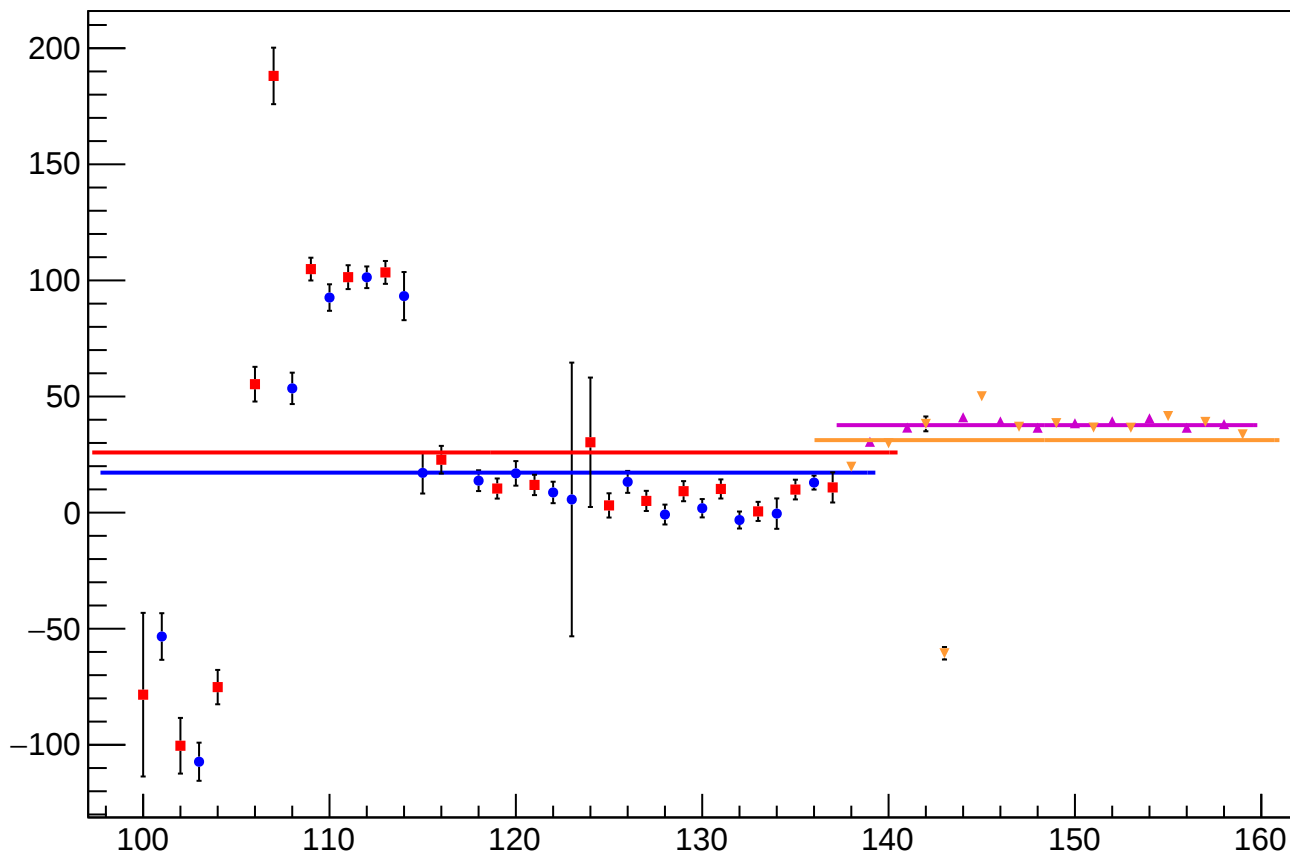
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.049 ± 0.366 χ^2/NDF : 132.2/26

Out: -0.928 ± 0.353 χ^2/NDF : 112.6/30

All: -0.505 ± 0.254 χ^2/NDF : 247.8/57

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 31.220 $\pm$ 0.604 χ^2 /NDF:1352.0/11

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 37.674 $\pm$ 0.625 χ^2 /NDF:21.2/9

Left: 34.337 $\pm$ 0.434 χ^2 /NDF: 1428.4/21

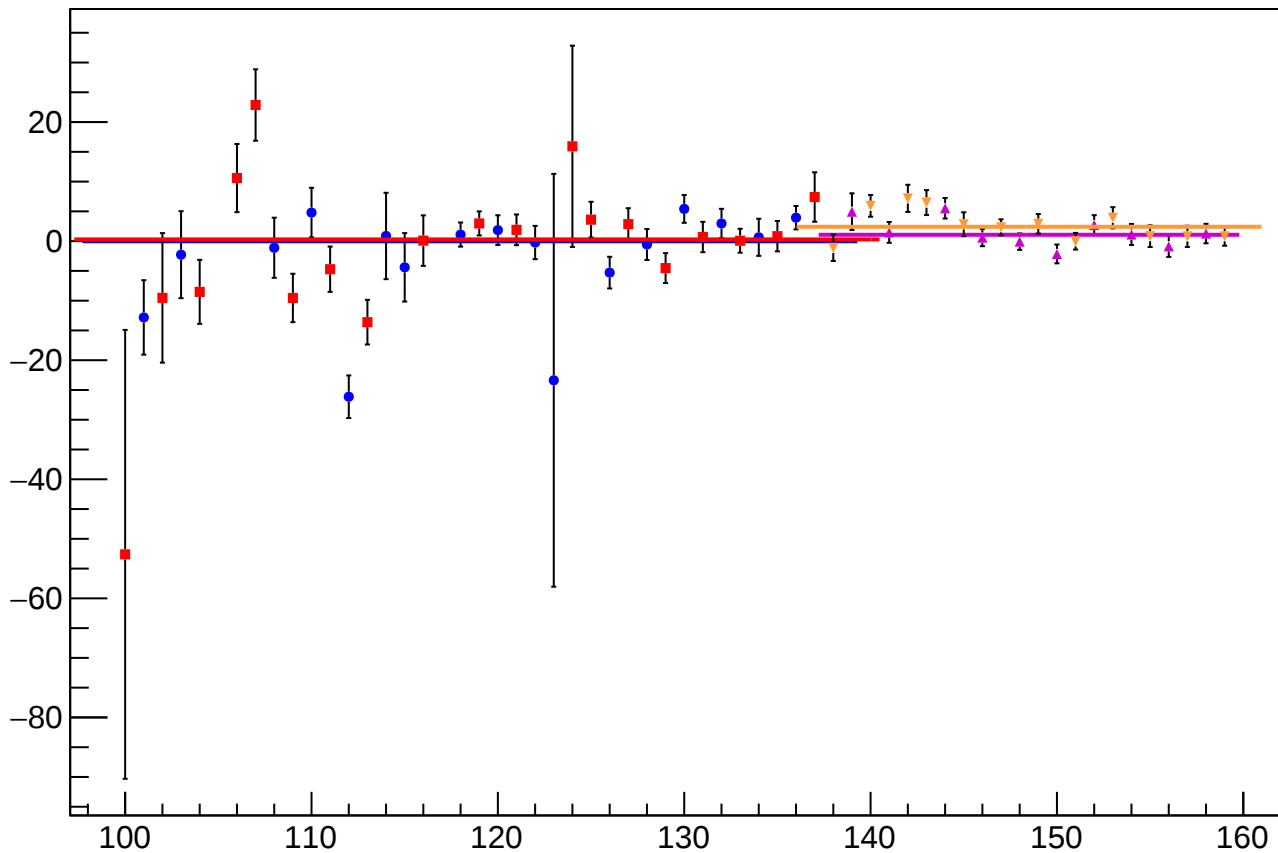
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 33.536 $\pm$ 0.558 χ^2 /NDF:1178.1/26

Out: 30.205 $\pm$ 0.543 χ^2 /NDF:2741.6/30

All: 31.826 $\pm$ 0.389 χ^2 /NDF: 3938.0/57

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: 2.414 ± 0.504 χ^2/NDF : 20.9/11

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.068 ± 0.531 χ^2/NDF : 15.5/9

Left: 1.776 ± 0.365 χ^2/NDF : 39.7/21

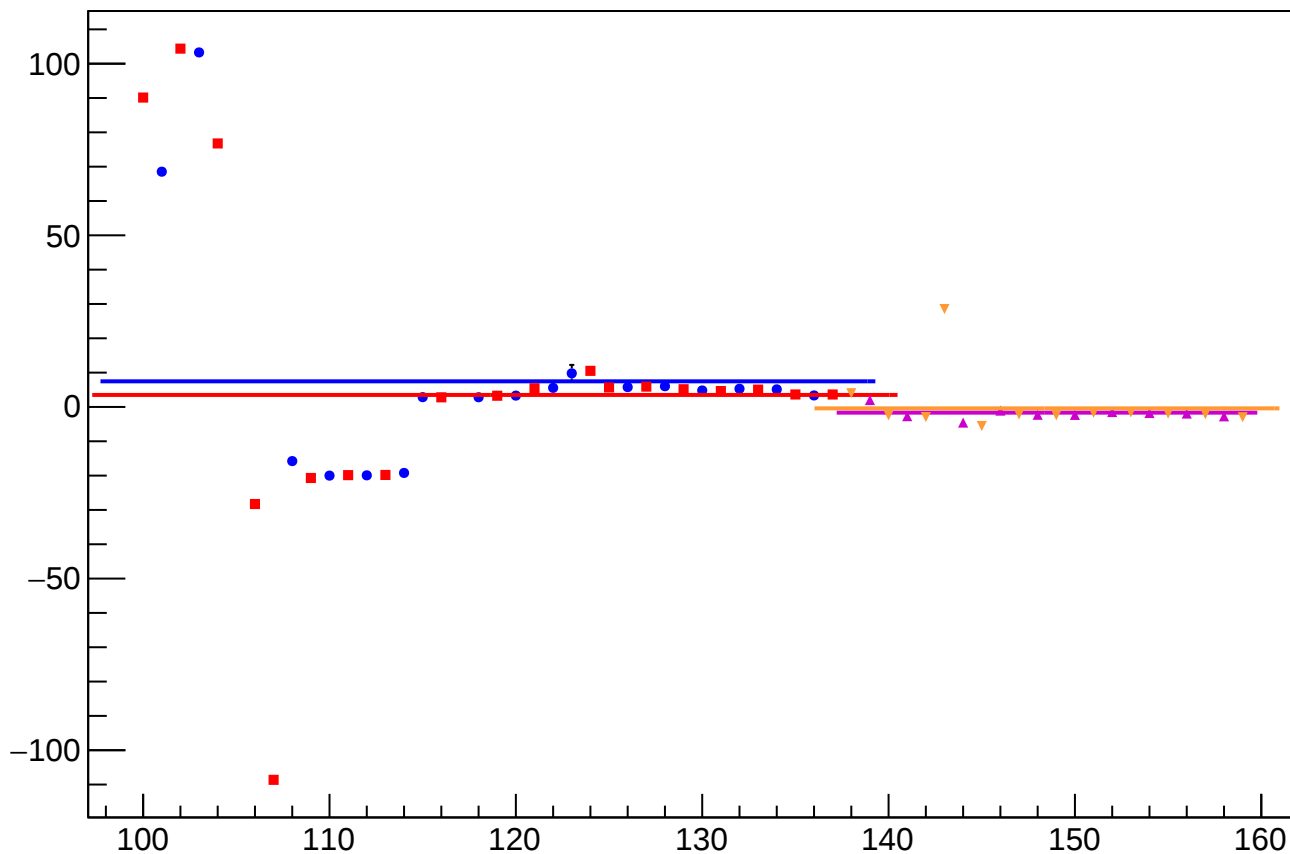
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.701 ± 0.432 χ^2/NDF : 92.7/26

Out: 1.753 ± 0.418 χ^2/NDF : 82.5/30

All: 1.245 ± 0.300 χ^2/NDF : 178.3/57

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.408+/-0.024 χ^2/NDF : 83083.4/11

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.660+/-0.024 χ^2/NDF : 4417.8/9

Left: -1.014+/-0.017 χ^2/NDF : 88861.0/21

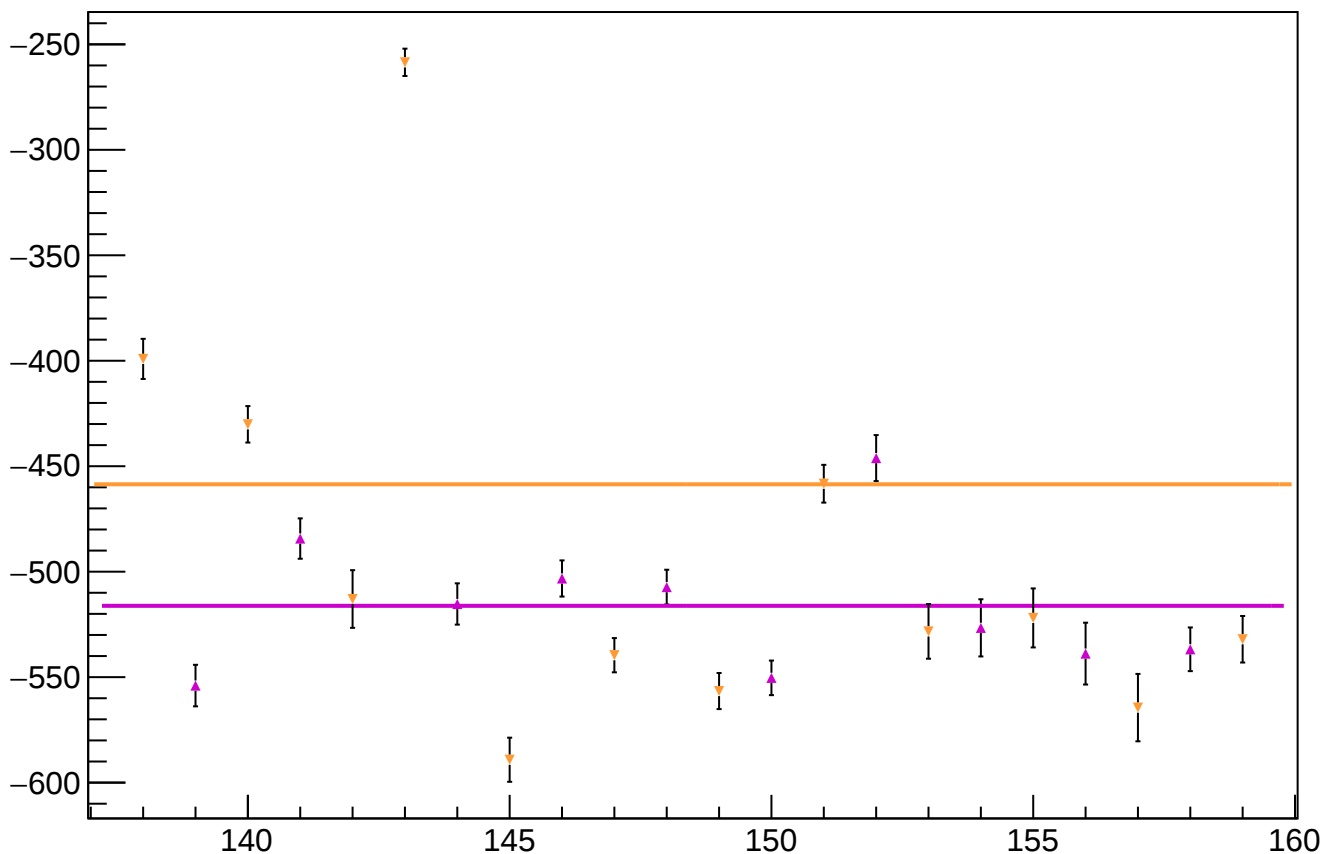
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.450+/-0.021 χ^2/NDF : 392694.9/26

Out: 0.419+/-0.021 χ^2/NDF : 599460.4/30

All: 0.434+/-0.015 χ^2/NDF : 992156.3/57

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: -458.575+/-2.803 χ^2/NDF :1544.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -516.185+/-3.120 χ^2/NDF :94.8/9

Left: -484.303+/-2.085 χ^2/NDF : 1827.6/21

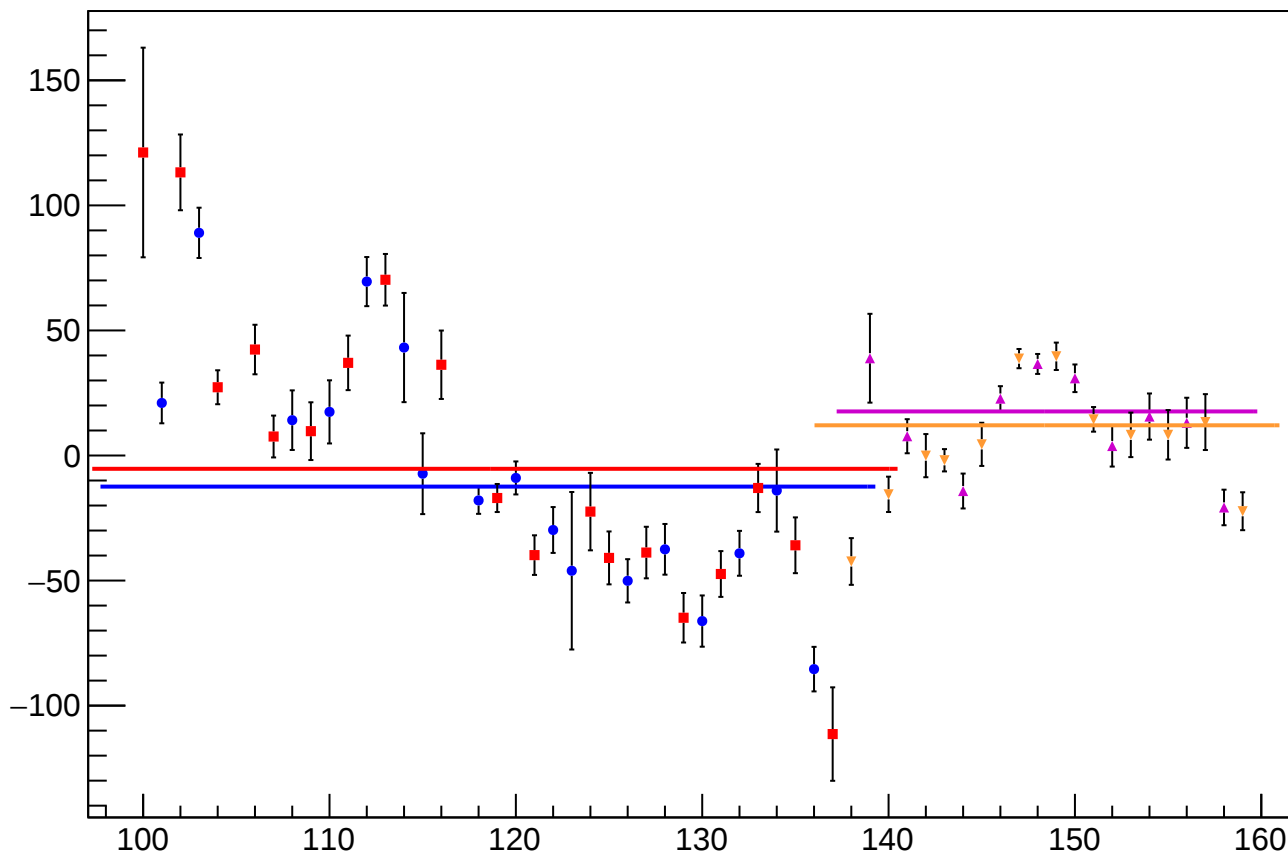
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -516.185+/-3.120 χ^2/NDF :94.8/9

Out: -458.575+/-2.803 χ^2/NDF :1544.1/11

All: -484.303+/-2.085 χ^2/NDF : 1827.6/21

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 12.078 ± 1.829 $\chi^2/\text{NDF}: 156.4/11$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: 17.621 ± 2.052 $\chi^2/\text{NDF}: 86.1/9$

Left: 14.531 ± 1.365 $\chi^2/\text{NDF}: 246.5/21$

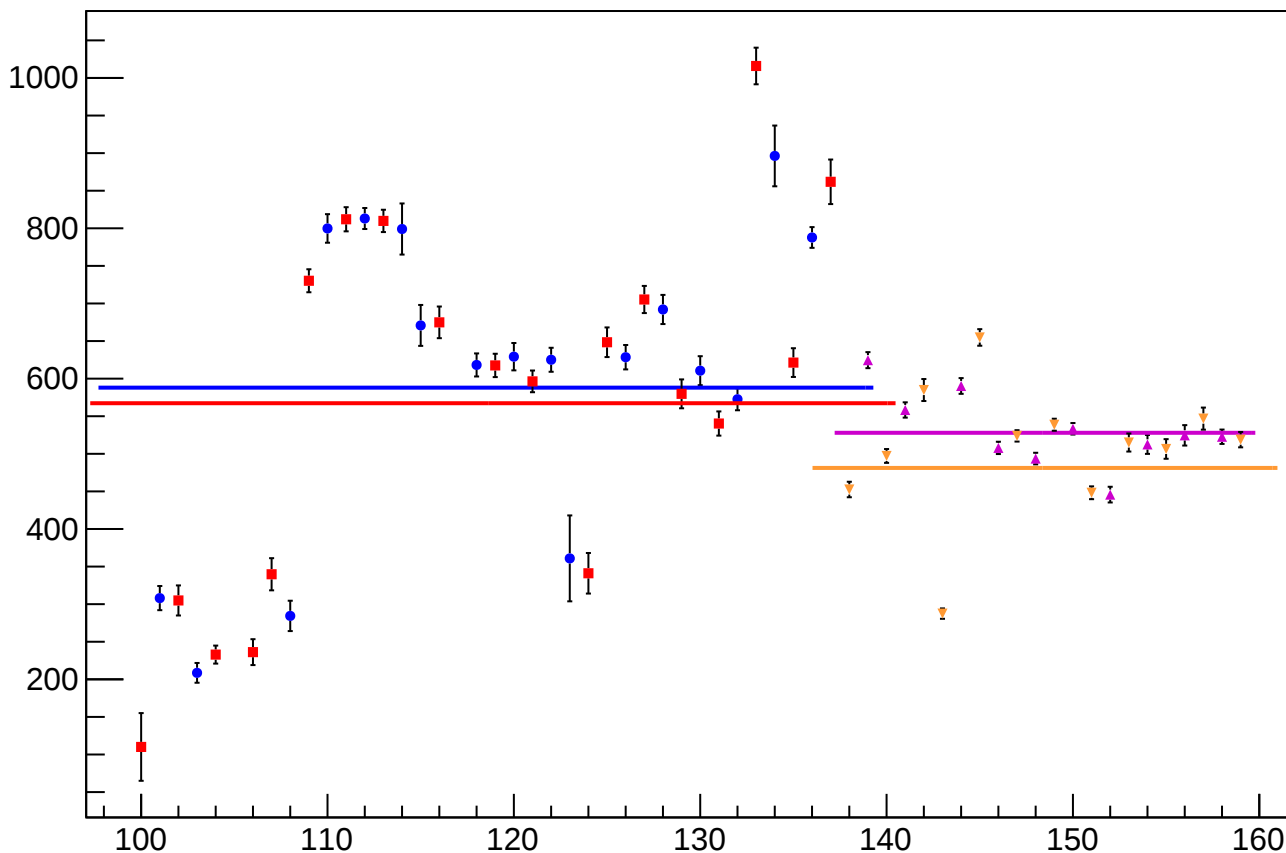
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: 4.399 ± 1.536 $\chi^2/\text{NDF}: 520.7/26$

Out: 5.194 ± 1.421 $\chi^2/\text{NDF}: 535.0/30$

All: 4.827 ± 1.043 $\chi^2/\text{NDF}: 1055.8/57$

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: 481.224+/-2.786 χ^2/NDF :1239.5/11

Right Out: 567.313+/-4.133 χ^2/NDF : 2784.3/18

Left In: 527.969+/-3.042 χ^2/NDF :216.5/9

Left: 502.551+/-2.054 χ^2/NDF : 1584.4/21

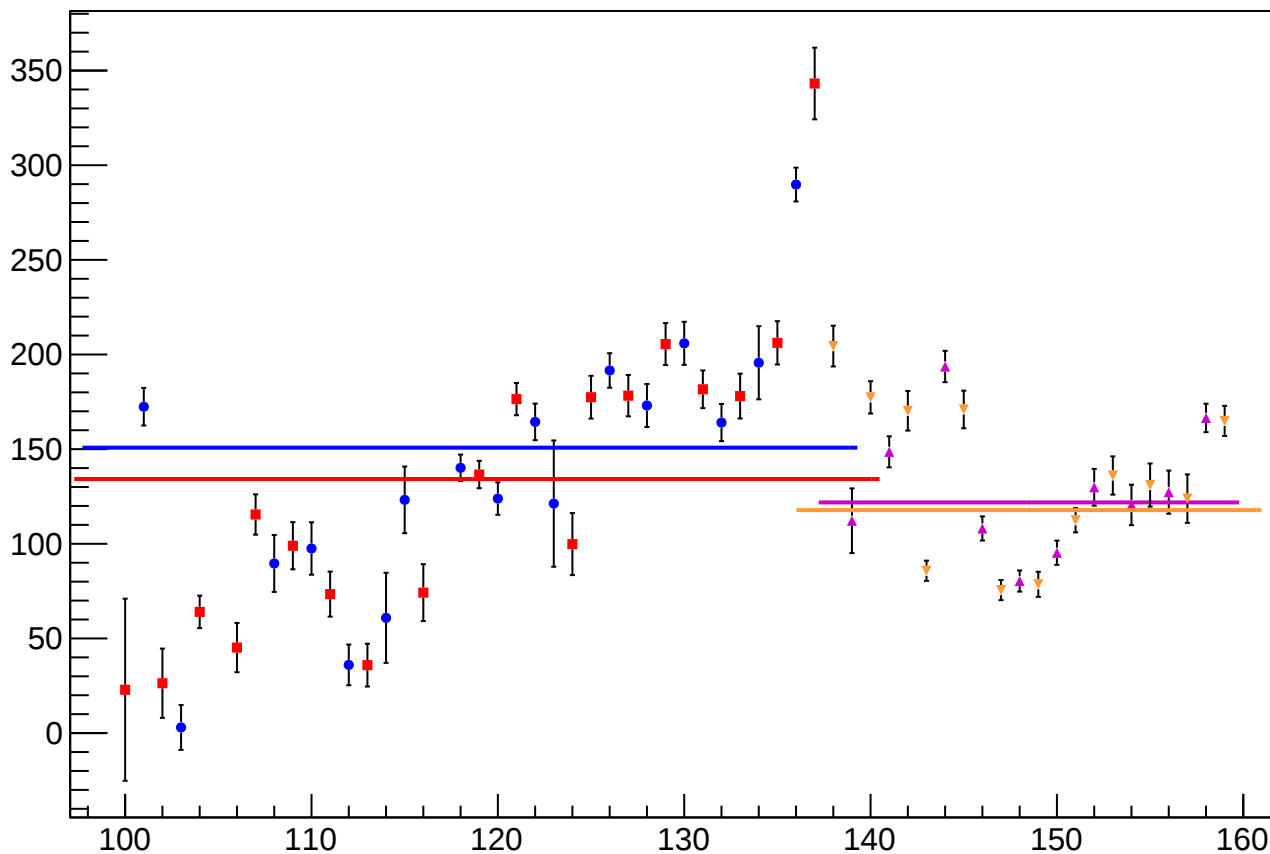
Right: 577.194+/-2.989 χ^2/NDF : 4924.0/35

In: 547.821+/-2.489 χ^2/NDF :2473.1/26

Out: 508.119+/-2.310 χ^2/NDF :4322.1/30

All: 526.495+/-1.693 χ^2/NDF : 6931.9/57

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785+/-2.679 χ^2/NDF : 633.1/16

Left Out: 117.796+/-2.244 χ^2/NDF : 342.2/11

Right Out: 134.219+/-2.615 χ^2/NDF : 581.6/18

Left In: 121.875+/-2.510 χ^2/NDF : 199.8/9

Left: 119.608+/-1.673 χ^2/NDF : 543.4/21

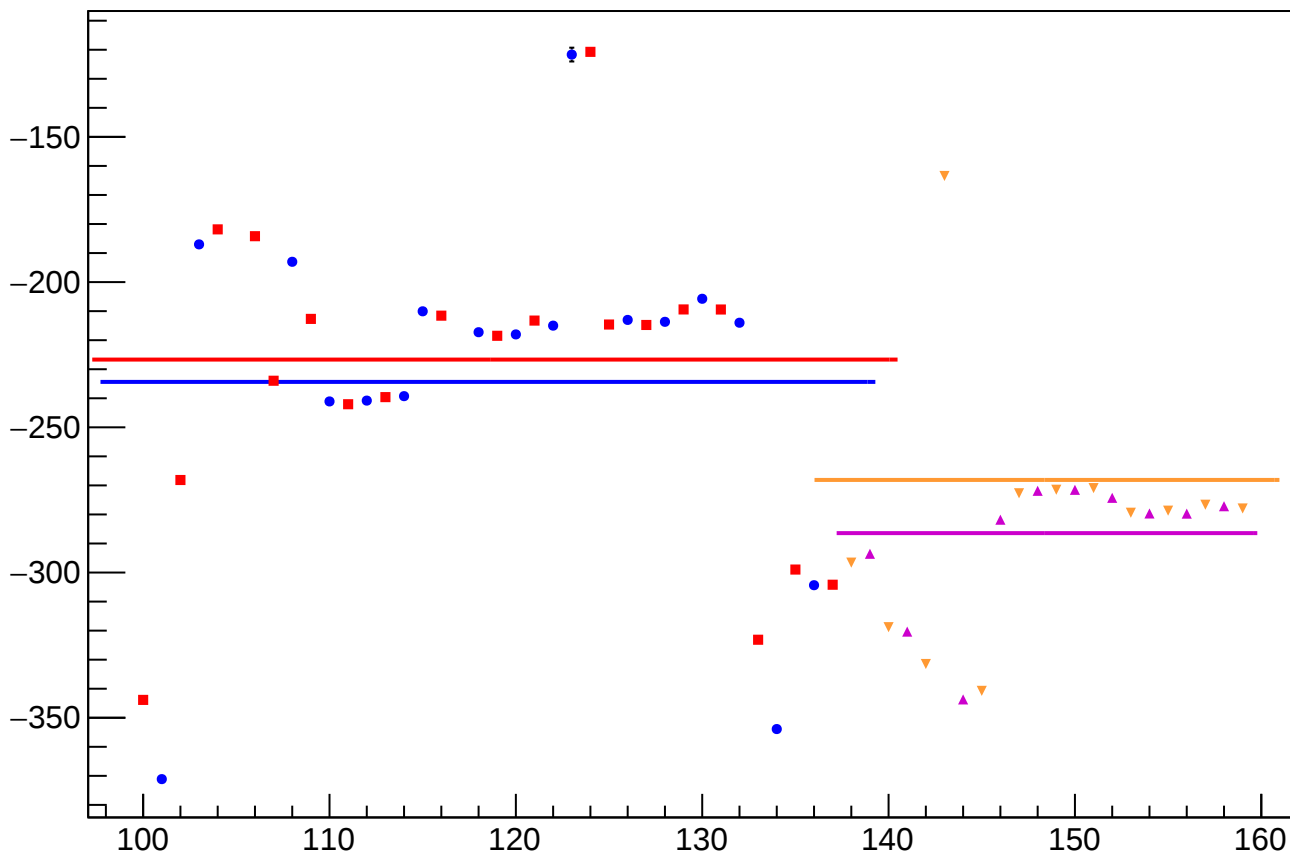
Right: 142.302+/-1.872 χ^2/NDF : 1234.3/35

In: 135.385+/-1.832 χ^2/NDF : 894.9/26

Out: 124.758+/-1.703 χ^2/NDF : 946.5/30

All: 129.685+/-1.247 χ^2/NDF : 1859.5/57

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: -268.114+/-0.113 χ^2/NDF : 204316.2/11

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -286.427+/-0.122 χ^2/NDF : 28973.6/9

Left: -276.591+/-0.083 χ^2/NDF : 245457.9/21

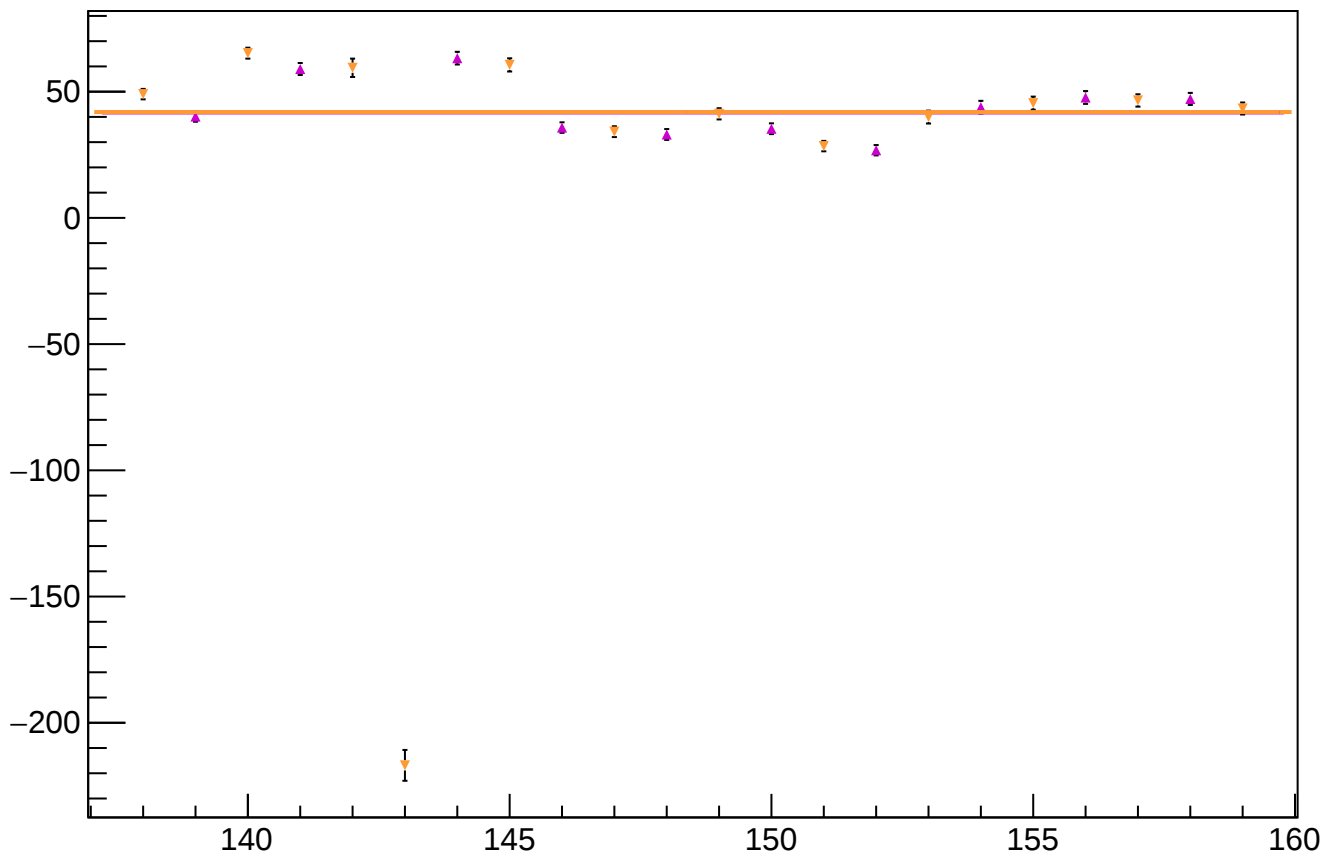
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -265.510+/-0.094 χ^2/NDF : 247702.6/26

Out: -251.950+/-0.088 χ^2/NDF : 356299.9/30

All: -258.293+/-0.064 χ^2/NDF : 615053.5/57

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.917+/-0.708 χ^2/NDF :2057.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.767+/-0.714 χ^2/NDF :224.6/9

Left: 41.843+/-0.503 χ^2/NDF : 2281.6/21

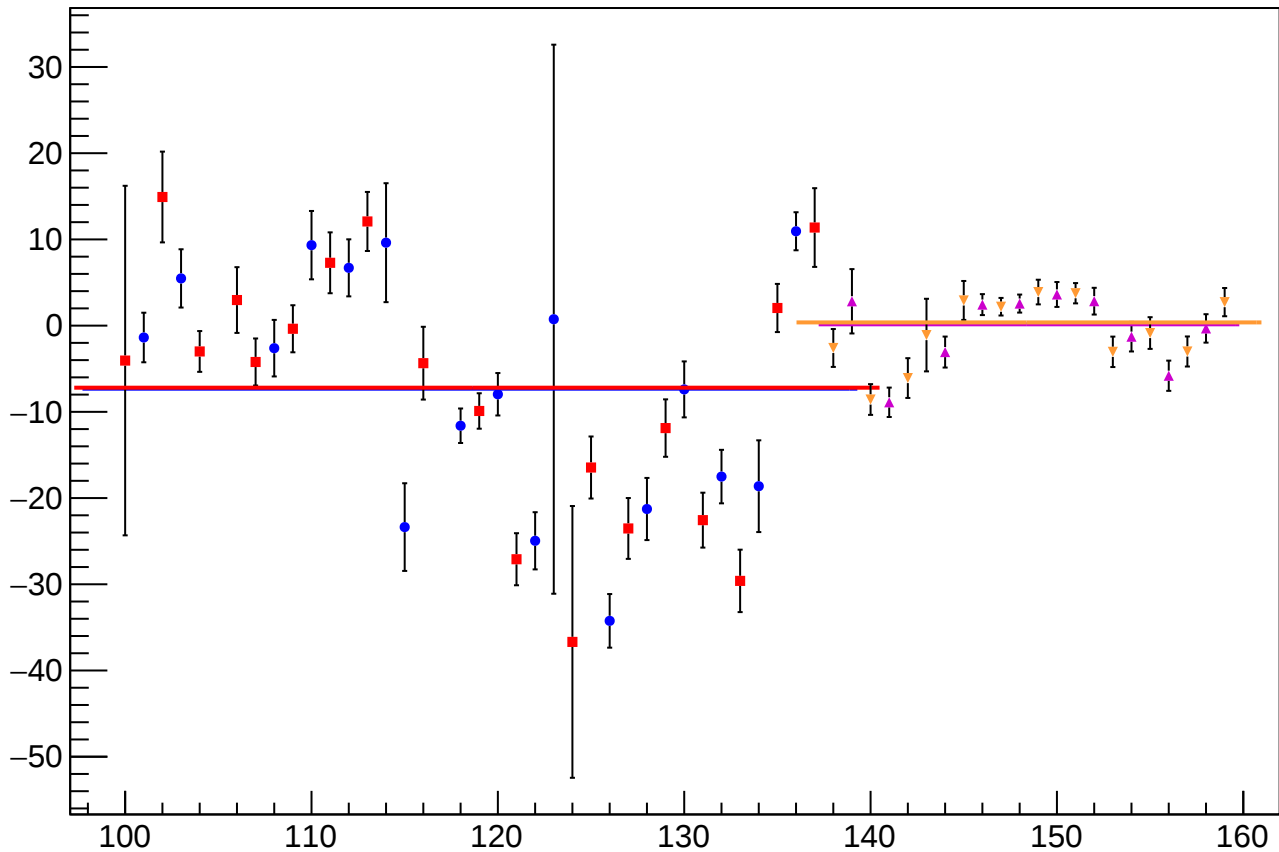
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.767+/-0.714 χ^2/NDF :224.6/9

Out: 41.917+/-0.708 χ^2/NDF :2057.0/11

All: 41.843+/-0.503 χ^2/NDF : 2281.6/21

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: 0.374 ± 0.474 χ^2/NDF : 63.7/11

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.153 ± 0.485 χ^2/NDF : 61.8/9

Left: 0.266 ± 0.339 χ^2/NDF : 125.6/21

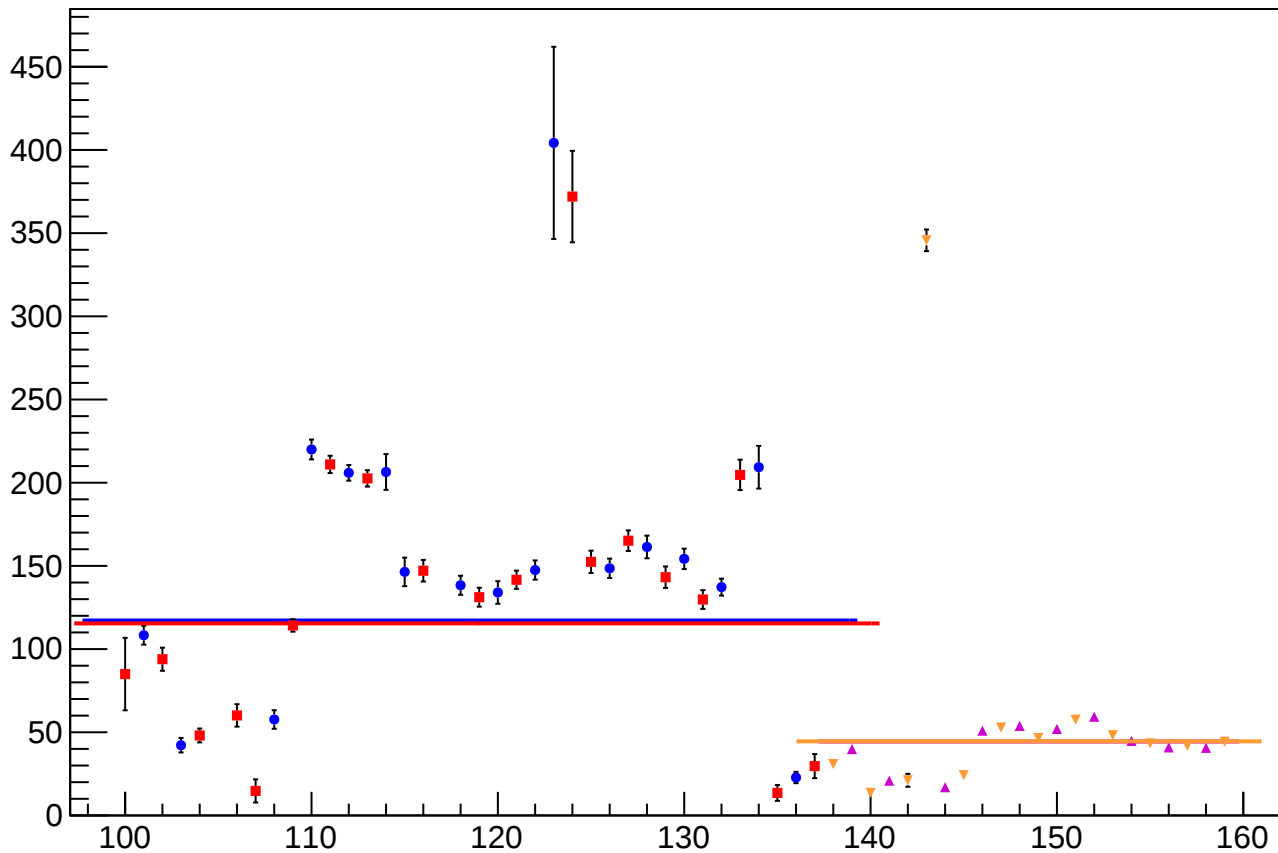
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.930 ± 0.412 χ^2/NDF : 406.9/26

Out: -1.741 ± 0.402 χ^2/NDF : 387.1/30

All: -1.833 ± 0.288 χ^2/NDF : 794.1/57

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.551+/-0.691 χ^2/NDF :2508.8/11

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.442+/-0.695 χ^2/NDF :304.7/9

Left: 44.497+/-0.490 χ^2/NDF : 2813.6/21

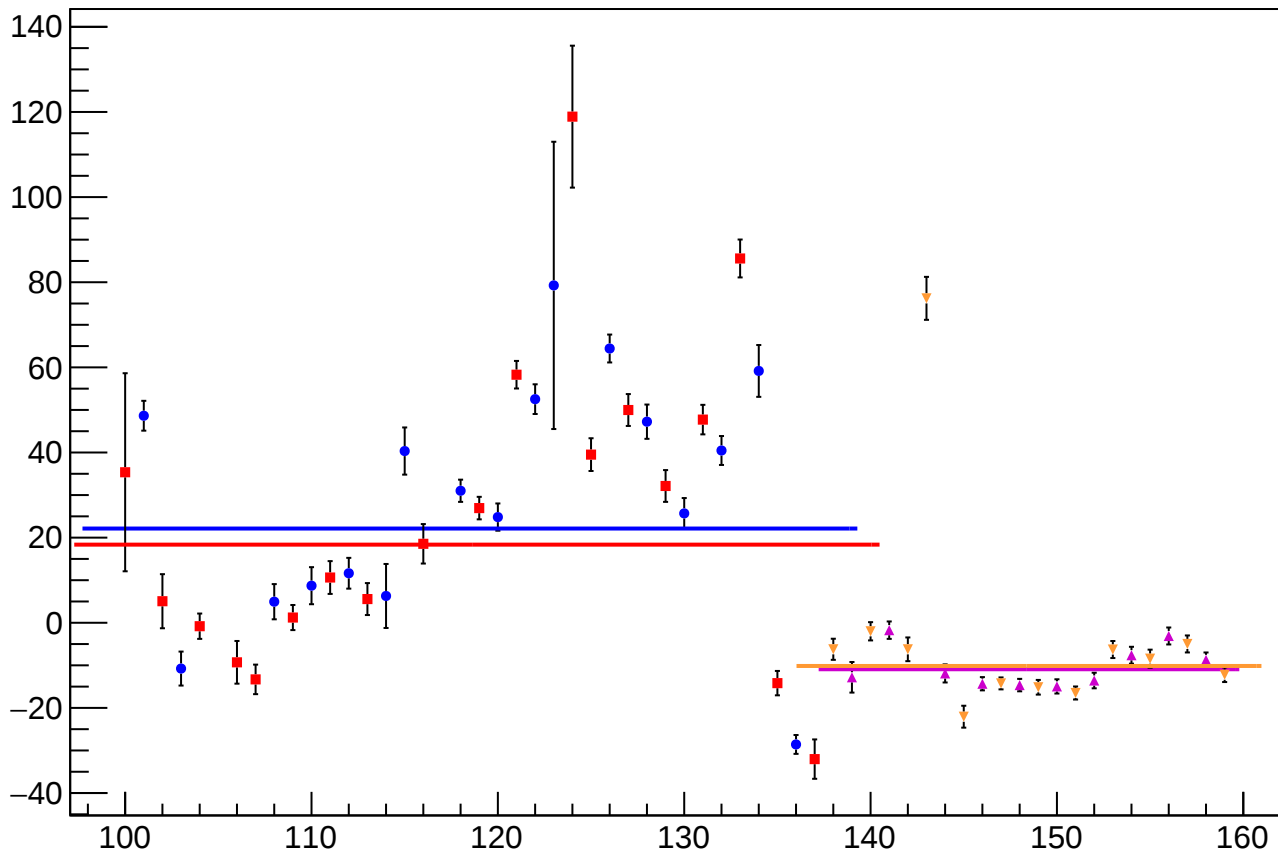
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 58.624+/-0.623 χ^2/NDF :4602.3/26

Out: 59.080+/-0.616 χ^2/NDF :6818.2/30

All: 58.854+/-0.438 χ^2/NDF : 11420.8/57

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -10.150 $\pm$ 0.575 χ^2 /NDF:379.7/11

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -10.921 $\pm$ 0.586 χ^2 /NDF:59.5/9

Left: -10.527 $\pm$ 0.410 χ^2 /NDF: 440.1/21

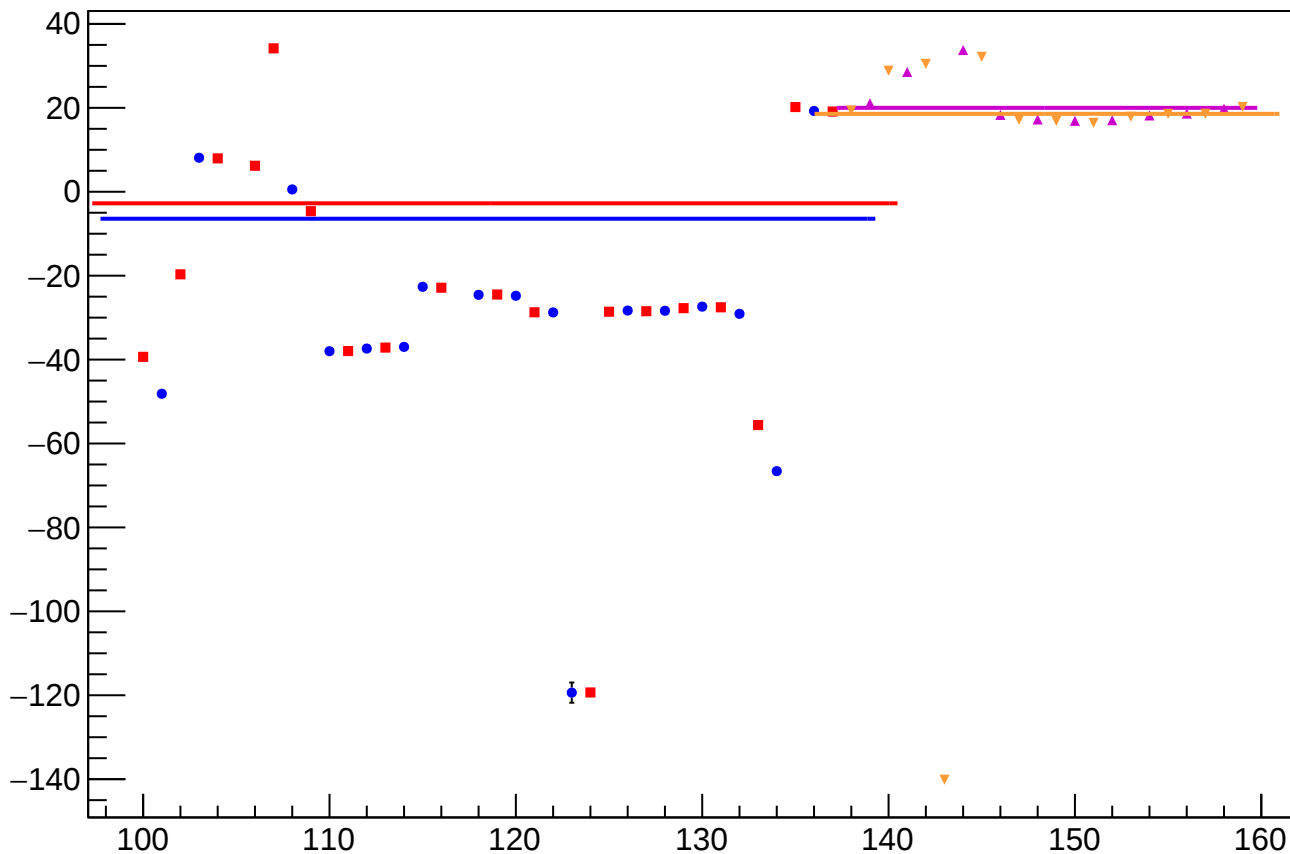
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: -0.938 $\pm$ 0.490 χ^2 /NDF:2084.1/26

Out: -1.514 $\pm$ 0.480 χ^2 /NDF:2196.4/30

All: -1.232 $\pm$ 0.343 χ^2 /NDF: 4281.3/57

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: 18.568+/-0.027 χ^2/NDF :400110.5/11

Right Out: -2.752+/-0.046 χ^2/NDF : 266290.0/18

Left In: 19.998+/-0.027 χ^2/NDF :25860.1/9

Left: 19.281+/-0.019 χ^2/NDF : 427360.1/21

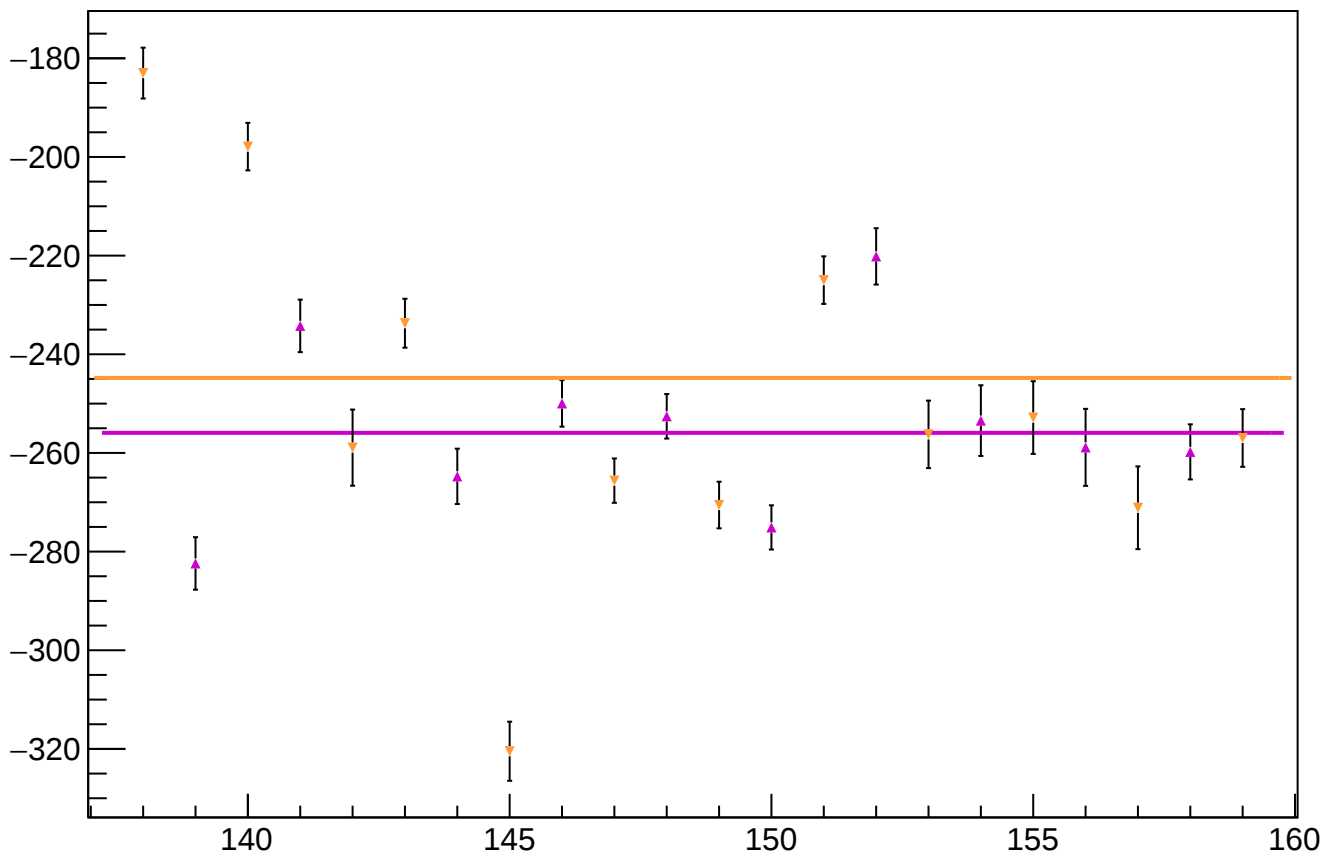
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 13.216+/-0.023 χ^2/NDF :534100.7/26

Out: 13.015+/-0.023 χ^2/NDF :827498.7/30

All: 13.115+/-0.017 χ^2/NDF : 1361636.5/57

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -244.793+/-1.608 χ^2/NDF :492.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.925+/-1.703 χ^2/NDF :104.2/9

Left: -250.040+/-1.169 χ^2/NDF : 619.6/21

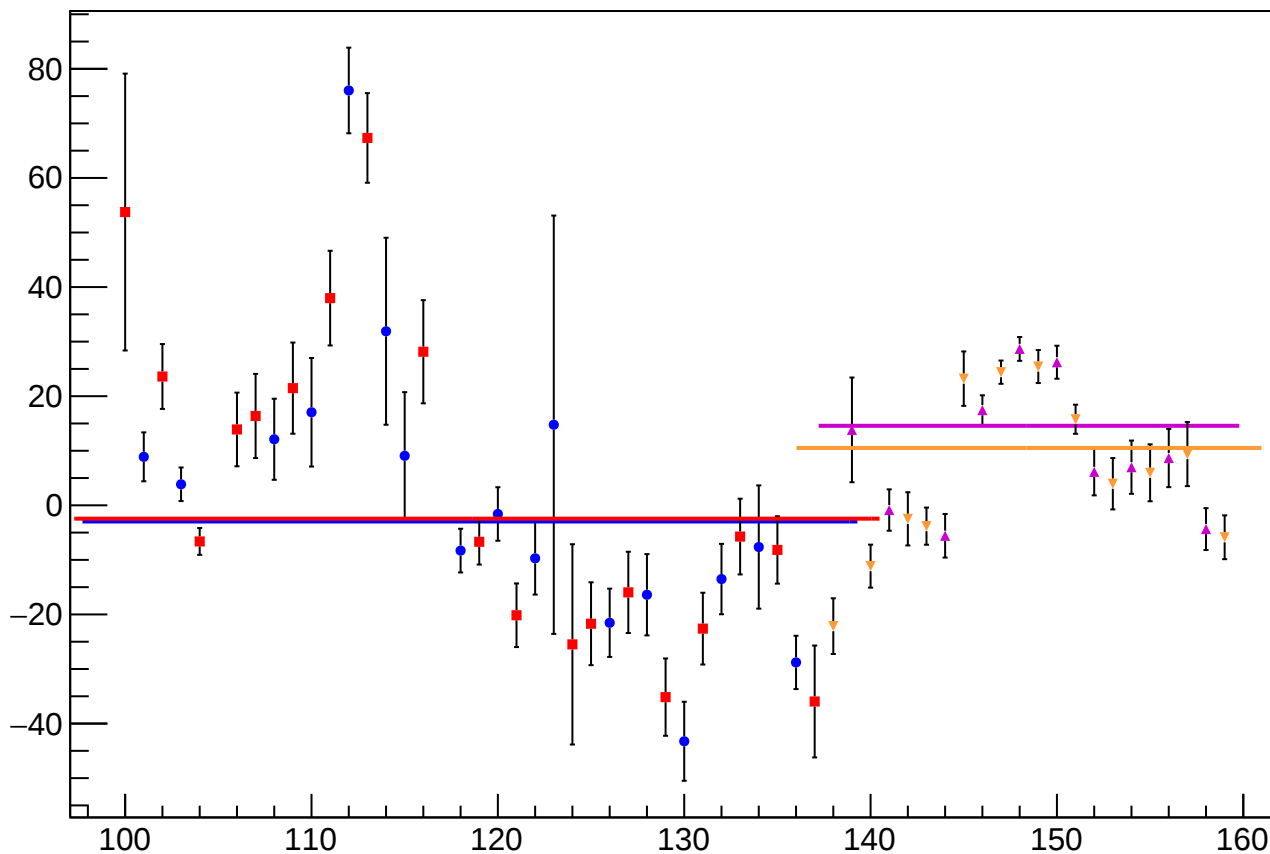
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.925+/-1.703 χ^2/NDF :104.2/9

Out: -244.793+/-1.608 χ^2/NDF :492.8/11

All: -250.040+/-1.169 χ^2/NDF : 619.6/21

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 10.513 ± 1.046 $\chi^2/\text{NDF}: 192.5/11$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 14.575 ± 1.121 $\chi^2/\text{NDF}: 131.4/9$

Left: 12.403 ± 0.765 $\chi^2/\text{NDF}: 330.9/21$

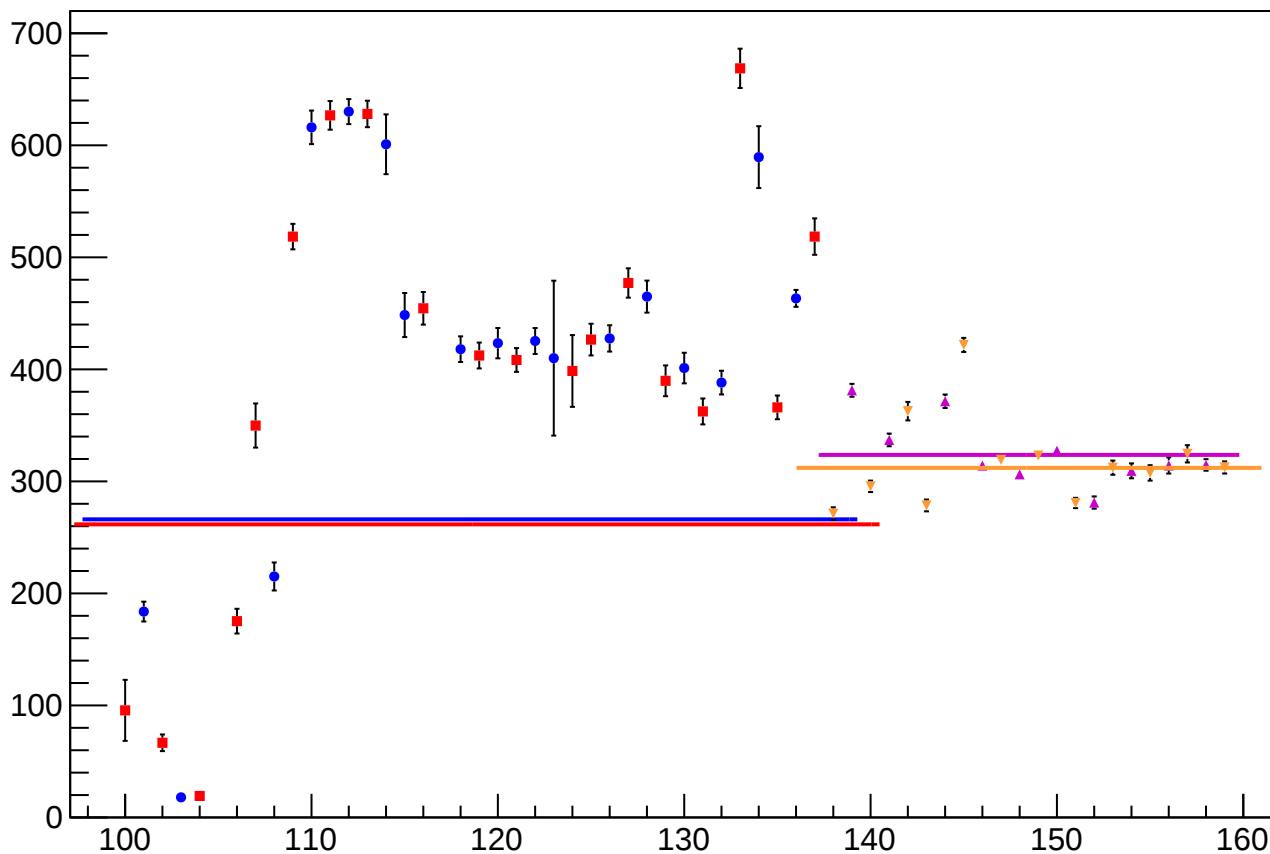
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 8.028 ± 0.887 $\chi^2/\text{NDF}: 426.3/26$

Out: 5.859 ± 0.837 $\chi^2/\text{NDF}: 463.1/30$

All: 6.880 ± 0.609 $\chi^2/\text{NDF}: 892.6/57$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 312.062 $\pm$ 1.585 χ^2 /NDF: 504.2/11

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 323.629 $\pm$ 1.658 χ^2 /NDF: 261.2/9

Left: 317.587 $\pm$ 1.146 χ^2 /NDF: 790.9/21

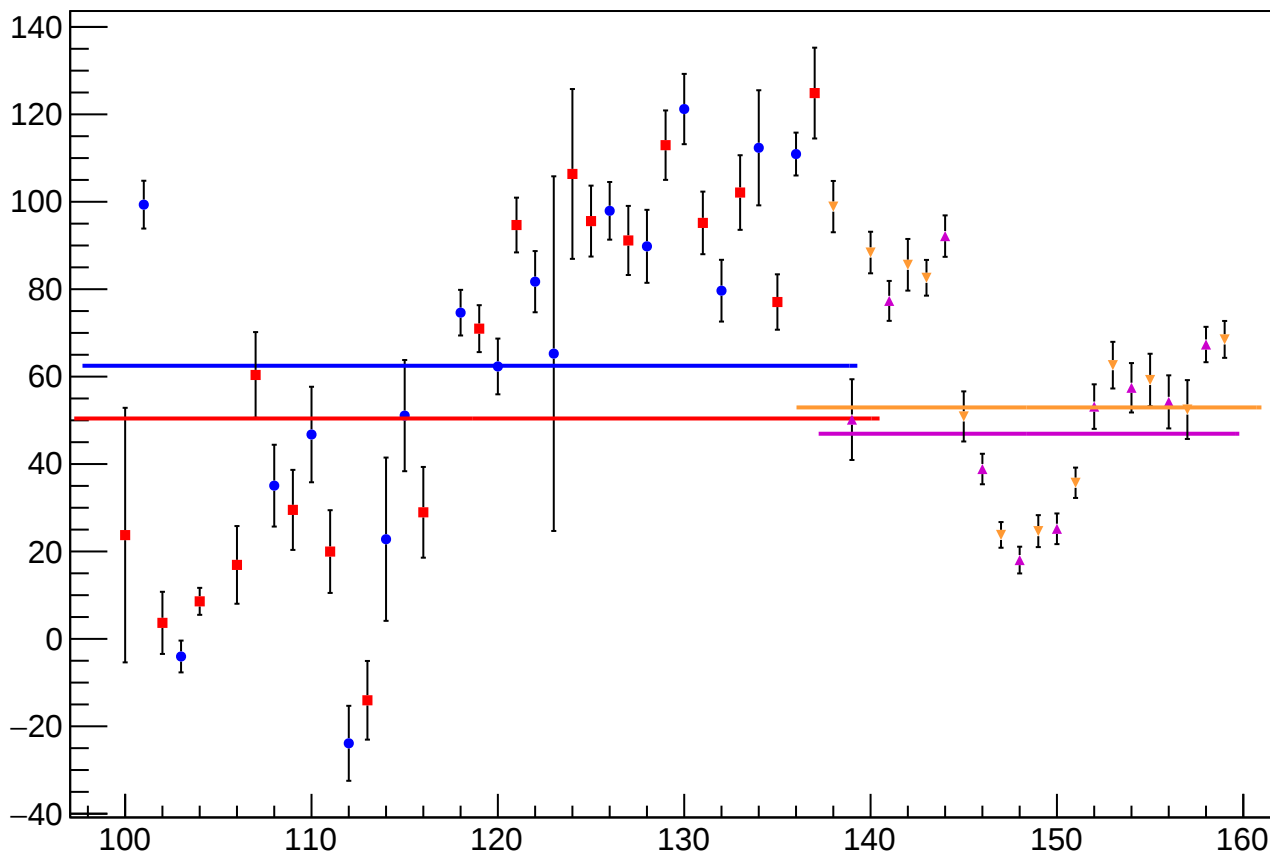
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 305.867 $\pm$ 1.378 χ^2 /NDF: 8276.9/26

Out: 297.238 $\pm$ 1.332 χ^2 /NDF: 9011.1/30

All: 301.405 $\pm$ 0.958 χ^2 /NDF: 17308.3/57

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: 52.952 $\pm$ 1.284 χ^2 /NDF:401.2/11

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 46.934 $\pm$ 1.370 χ^2 /NDF:300.2/9

Left: 50.139 $\pm$ 0.937 χ^2 /NDF: 711.7/21

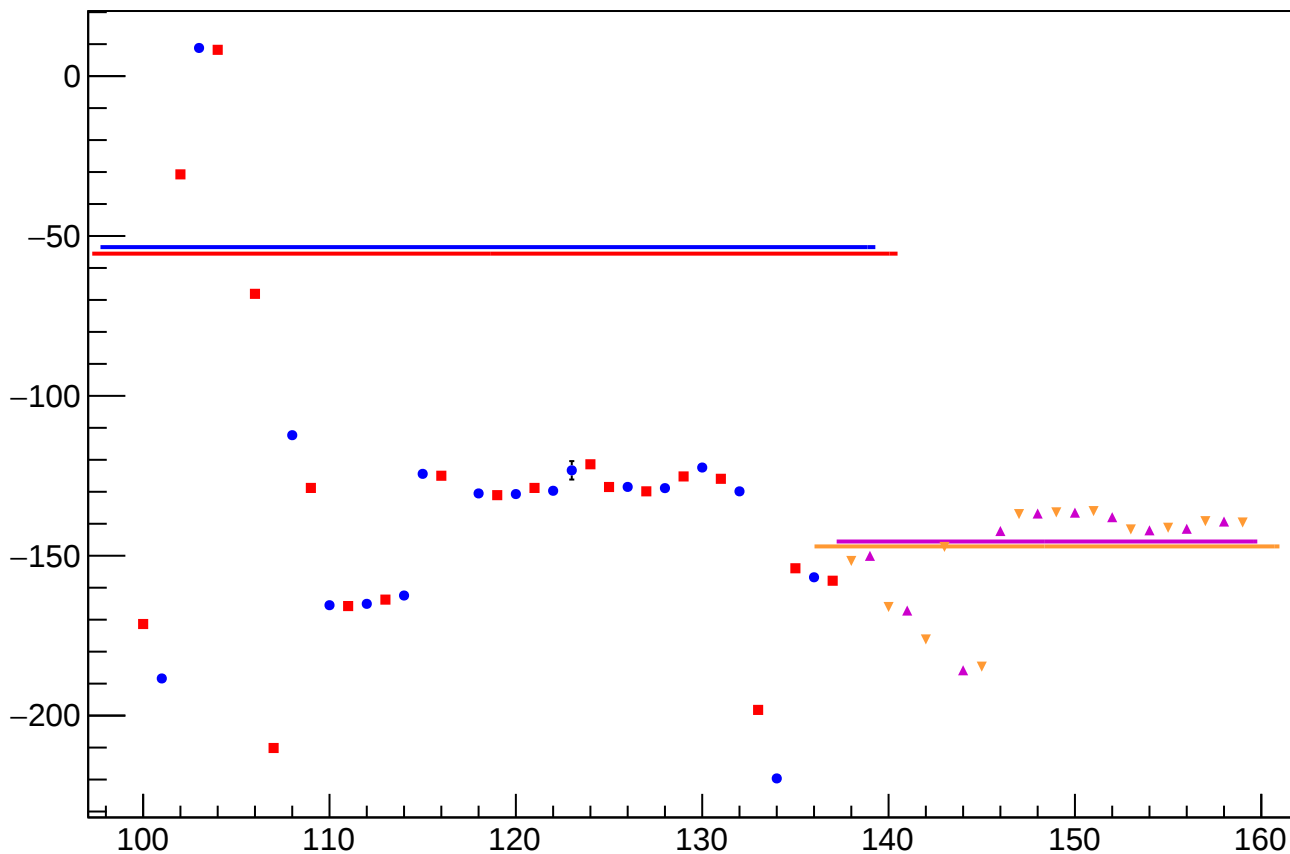
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 53.143 $\pm$ 1.062 χ^2 /NDF:1072.4/26

Out: 51.992 $\pm$ 1.011 χ^2 /NDF:1054.1/30

All: 52.539 $\pm$ 0.732 χ^2 /NDF: 2127.1/57

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: -147.091 ± 0.064 $\chi^2/\text{NDF}: 50441.7/11$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -145.552 ± 0.066 $\chi^2/\text{NDF}: 40857.8/9$

Left: -146.346 ± 0.046 $\chi^2/\text{NDF}: 91578.7/21$

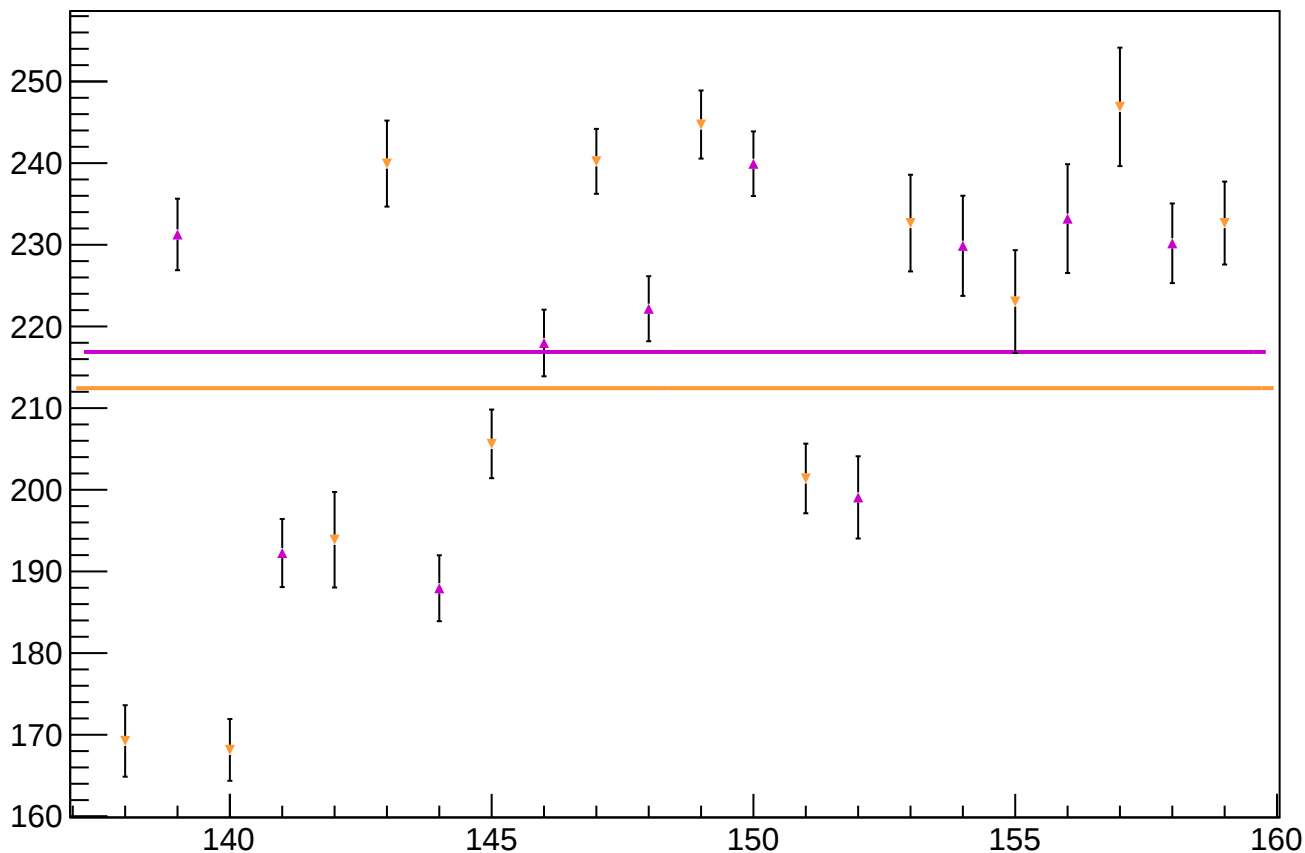
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -102.333 ± 0.048 $\chi^2/\text{NDF}: 2179463.4/26$

Out: -106.547 ± 0.048 $\chi^2/\text{NDF}: 1924234.3/30$

All: -104.455 ± 0.034 $\chi^2/\text{NDF}: 4107551.0/57$

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: 212.446+/-1.372 χ^2/NDF :443.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 216.876+/-1.431 χ^2/NDF :163.3/9

Left: 214.568+/-0.990 χ^2/NDF : 611.3/21

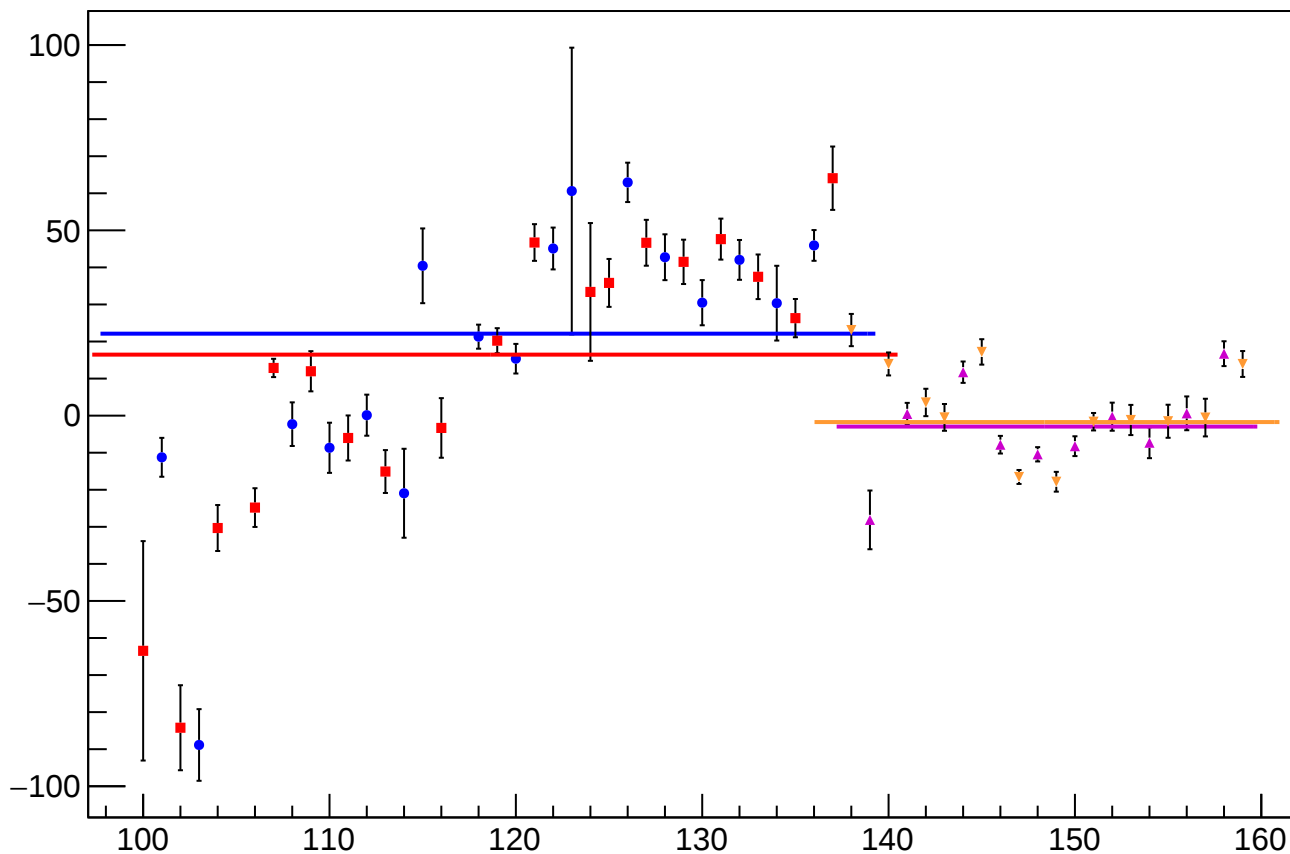
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.876+/-1.431 χ^2/NDF :163.3/9

Out: 212.446+/-1.372 χ^2/NDF :443.0/11

All: 214.568+/-0.990 χ^2/NDF : 611.3/21

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: -1.731+/-0.903 χ^2/NDF : 209.2/11

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: -2.950+/-0.954 χ^2/NDF : 97.2/9

Left: -2.307+/-0.656 χ^2/NDF : 307.3/21

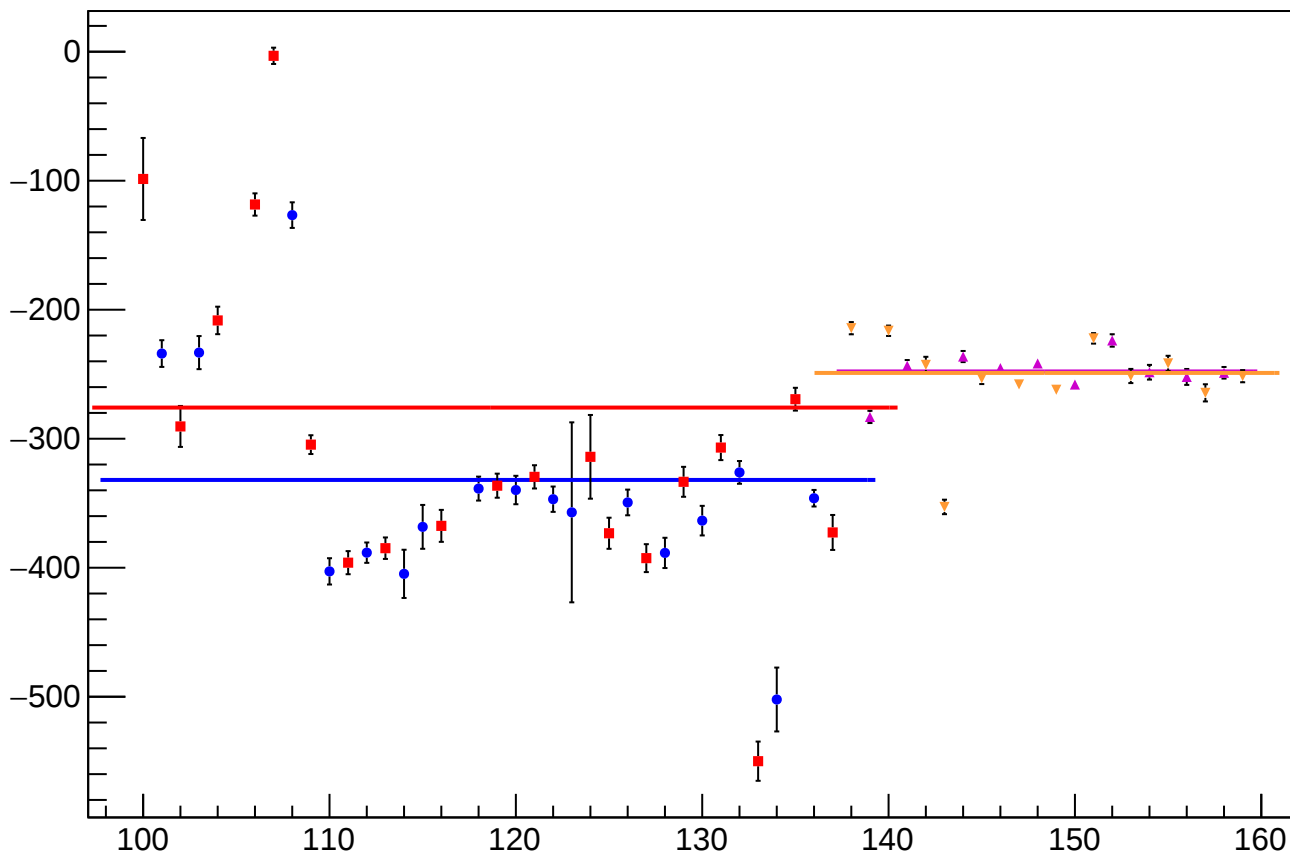
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 5.187+/-0.784 χ^2/NDF : 703.2/26

Out: 4.659+/-0.728 χ^2/NDF : 775.8/30

All: 4.903+/-0.533 χ^2/NDF : 1479.2/57

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.997 ± 1.358 χ^2/NDF : 531.1/11

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -247.852 ± 1.402 χ^2/NDF : 99.6/9

Left: -248.442 ± 0.975 χ^2/NDF : 631.1/21

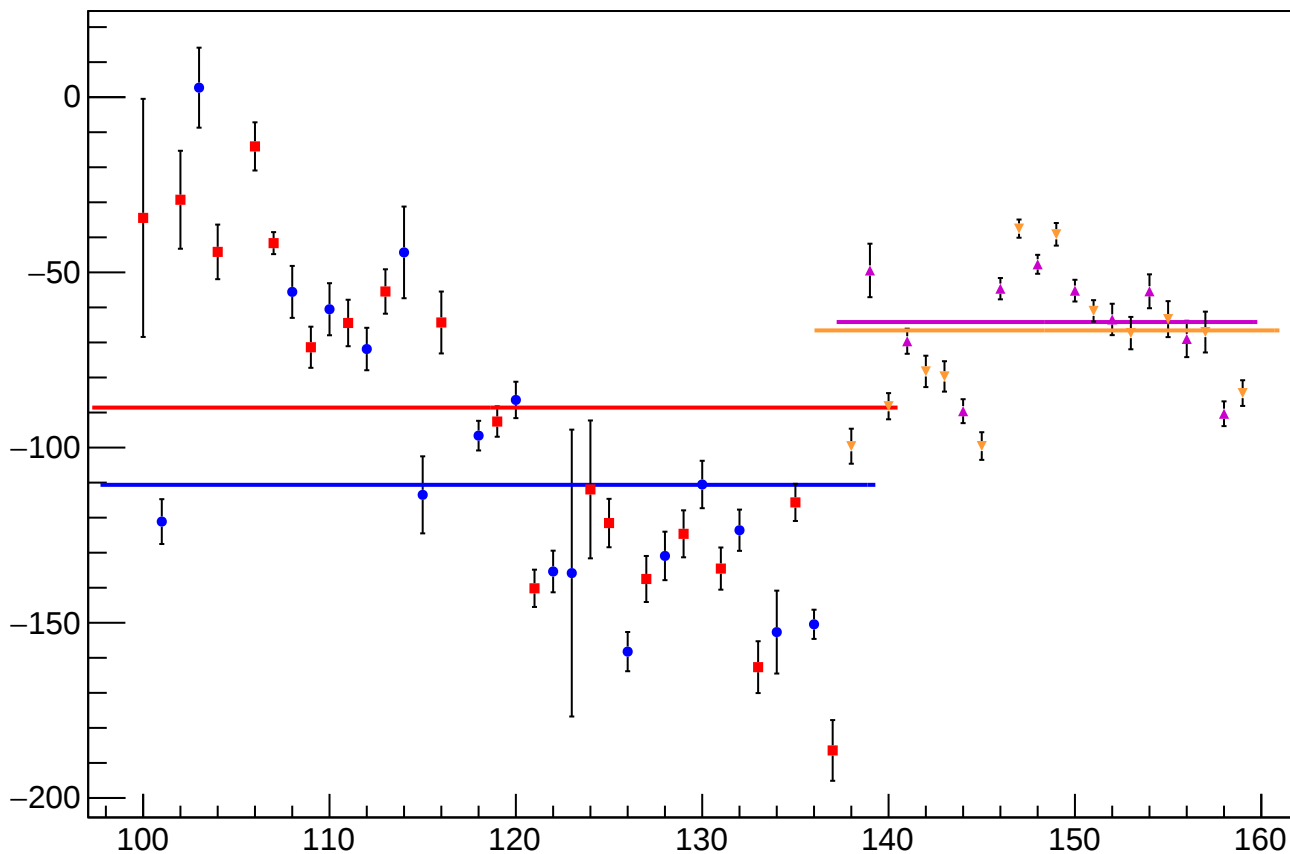
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -267.166 ± 1.230 χ^2/NDF : 1711.9/26

Out: -255.835 ± 1.172 χ^2/NDF : 3992.3/30

All: -261.228 ± 0.849 χ^2/NDF : 5748.7/57

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: -66.563+/-1.106 χ^2 /NDF:387.9/11

Right Out: -88.586+/-1.433 χ^2 /NDF: 966.5/18

Left In: -64.170+/-1.162 χ^2 /NDF:175.9/9

Left: -65.427+/-0.801 χ^2 /NDF: 566.0/21

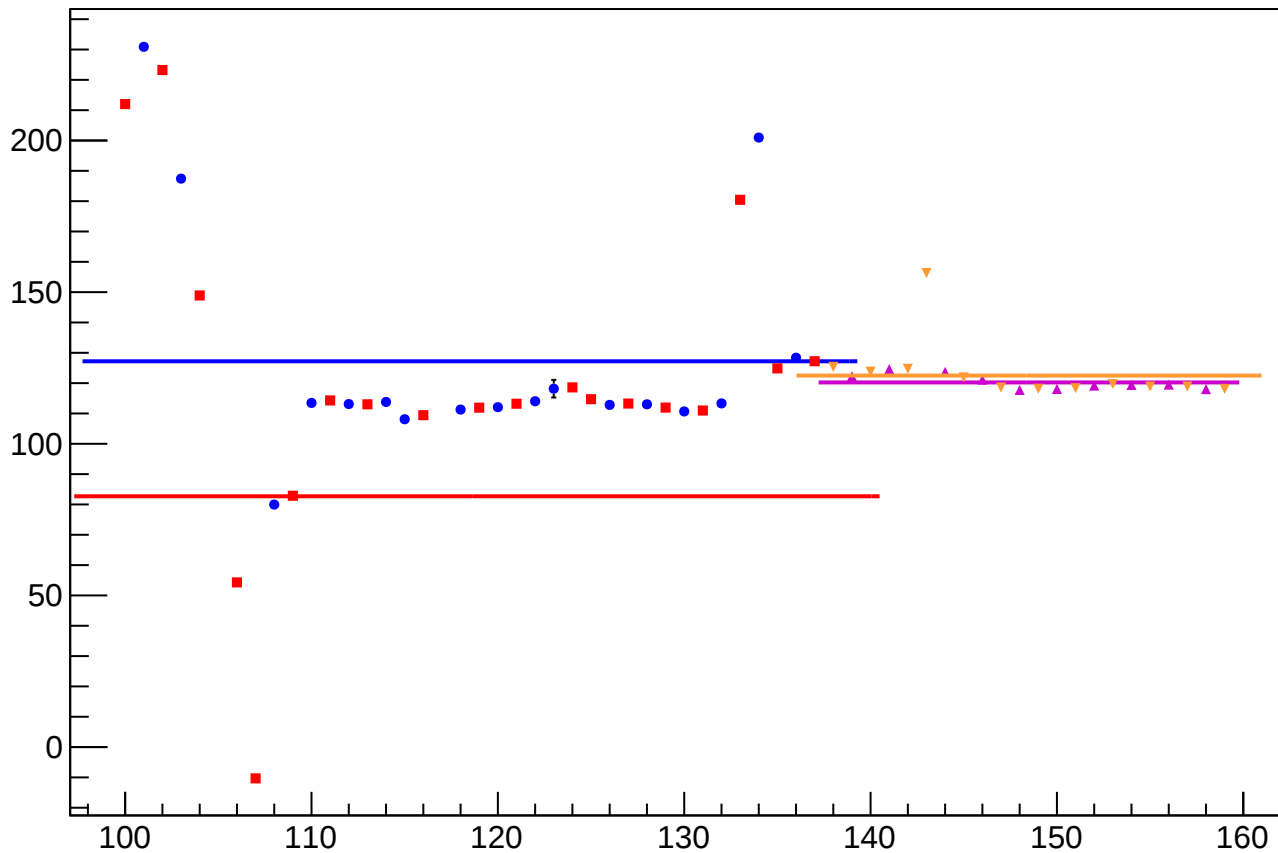
Right: -98.530+/-1.062 χ^2 /NDF: 1582.1/35

In: -80.474+/-0.937 χ^2 /NDF:1245.3/26

Out: -74.781+/-0.875 χ^2 /NDF:1502.4/30

All: -77.436+/-0.640 χ^2 /NDF: 2767.4/57

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: 122.497 $\pm$ 0.055 χ^2 /NDF: 25851.5/11

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.231 $\pm$ 0.056 χ^2 /NDF: 1769.0/9

Left: 121.388 $\pm$ 0.039 χ^2 /NDF: 28457.9/21

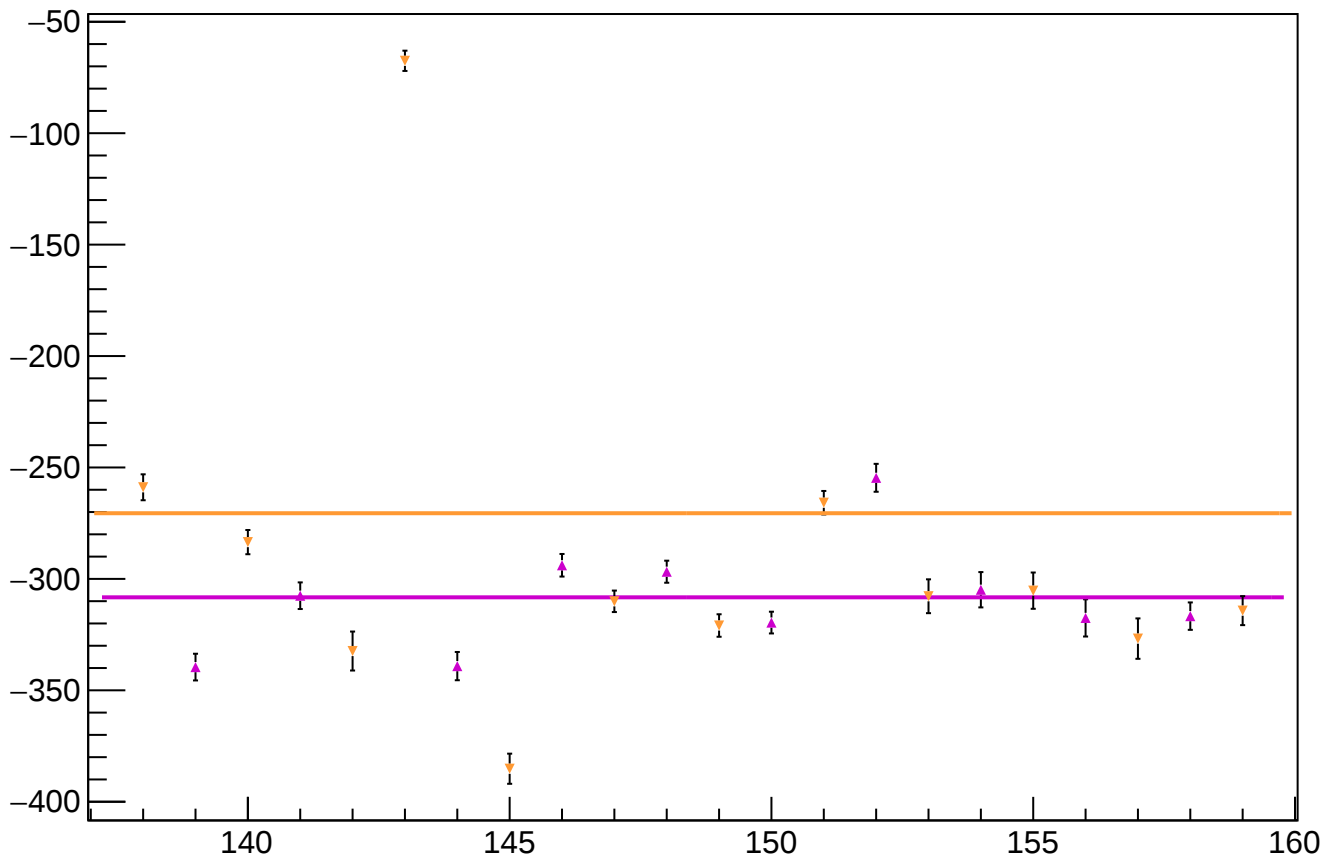
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.202 $\pm$ 0.047 χ^2 /NDF: 194186.2/26

Out: 108.709 $\pm$ 0.044 χ^2 /NDF: 974310.8/30

All: 115.002 $\pm$ 0.032 χ^2 /NDF: 1211754.1/57

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -270.531 $\pm$ 1.733 χ^2/NDF :2631.9/11

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -308.271 $\pm$ 1.874 χ^2/NDF :146.5/9

Left: -287.923 $\pm$ 1.272 χ^2/NDF : 2997.0/21

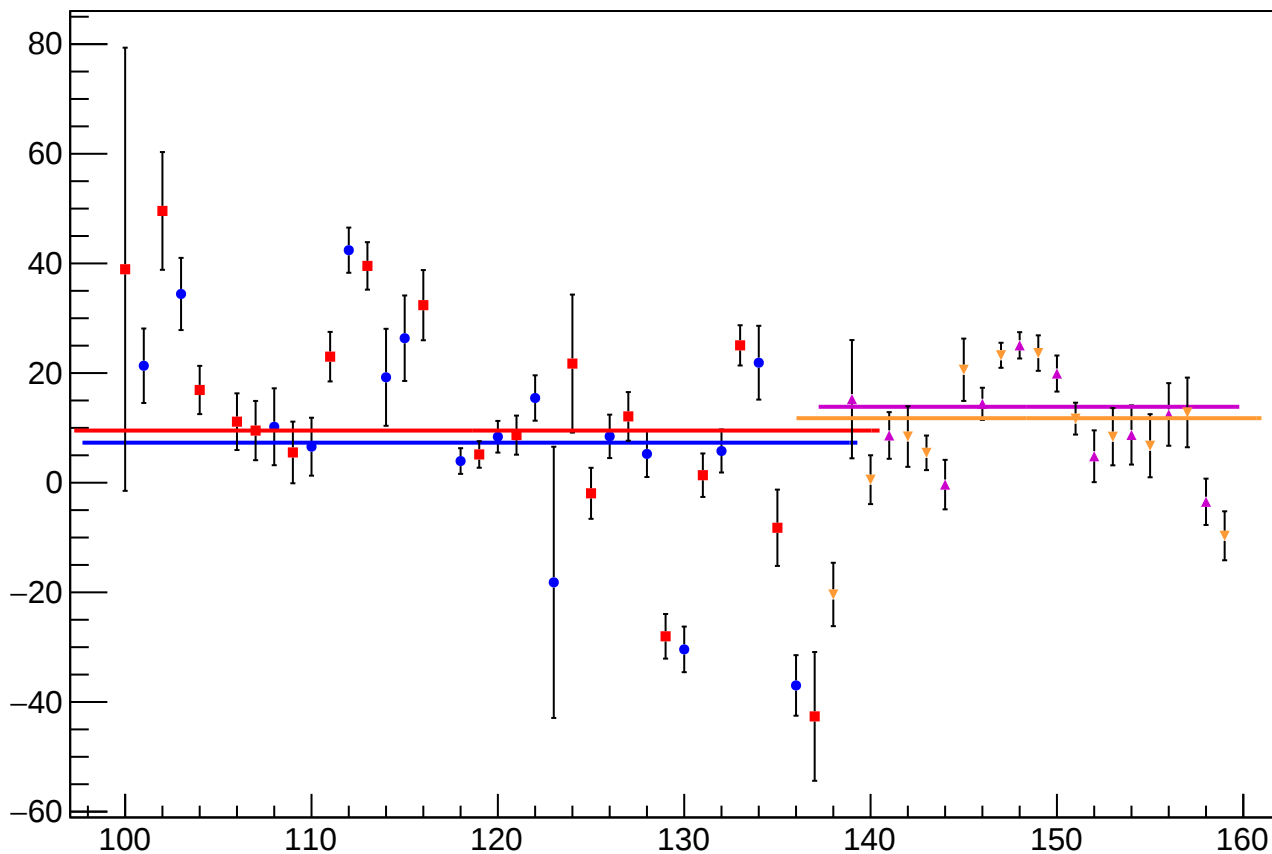
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -308.271 $\pm$ 1.874 χ^2/NDF :146.5/9

Out: -270.531 $\pm$ 1.733 χ^2/NDF :2631.9/11

All: -287.923 $\pm$ 1.272 χ^2/NDF : 2997.0/21

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 11.771 $\pm$ 1.124 χ^2 /NDF:107.0/11

Right Out: 9.513 $\pm$ 1.073 χ^2 /NDF: 231.7/18

Left In: 13.849 $\pm$ 1.230 χ^2 /NDF:58.1/9

Left: 12.716 $\pm$ 0.830 χ^2 /NDF: 166.7/21

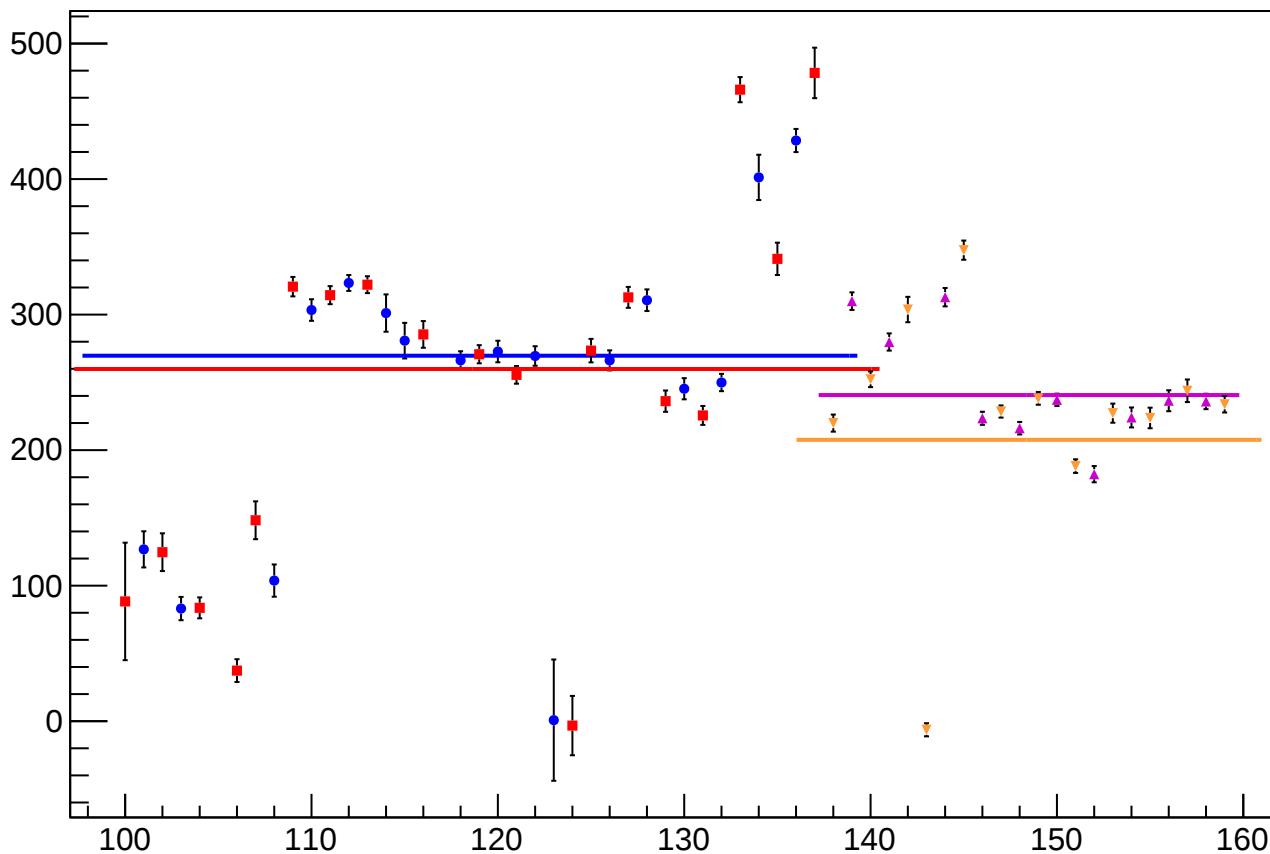
Right: 8.421 $\pm$ 0.763 χ^2 /NDF: 494.4/35

In: 10.168 $\pm$ 0.814 χ^2 /NDF:334.6/26

Out: 10.590 $\pm$ 0.776 χ^2 /NDF:340.8/30

All: 10.389 $\pm$ 0.562 χ^2 /NDF: 675.6/57

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: 207.608 $\pm$ 1.710 χ^2 /NDF: 2631.5/11

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 240.652 $\pm$ 1.821 χ^2 /NDF: 407.1/9

Left: 223.089 $\pm$ 1.247 χ^2 /NDF: 3213.5/21

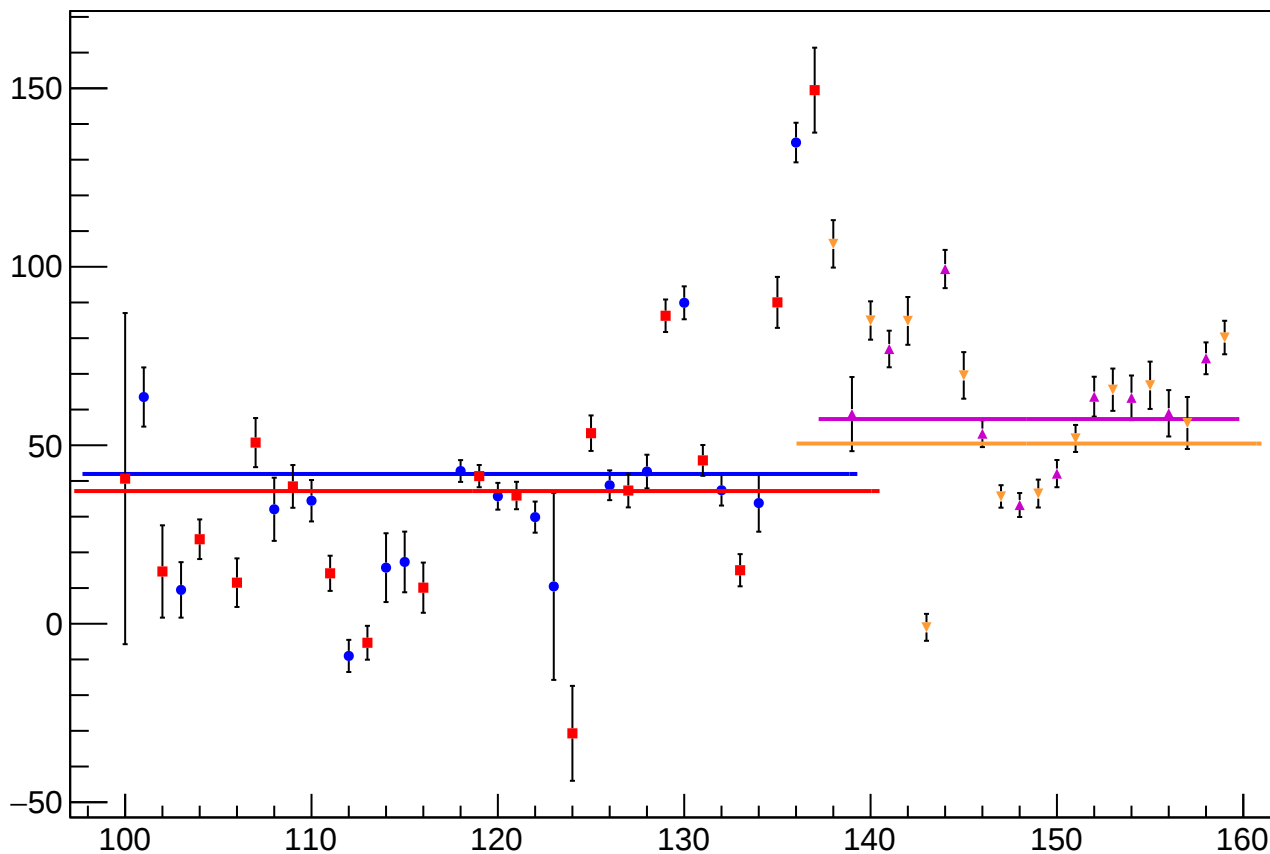
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 253.272 $\pm$ 1.369 χ^2 /NDF: 1894.0/26

Out: 229.978 $\pm$ 1.293 χ^2 /NDF: 5574.9/30

All: 240.961 $\pm$ 0.940 χ^2 /NDF: 7621.9/57

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 χ^2/NDF : 574.2/16

Left Out: 50.476 ± 1.380 χ^2/NDF : 421.9/11

Right Out: 37.174 ± 1.236 χ^2/NDF : 470.9/18

Left In: 57.342 ± 1.504 χ^2/NDF : 161.7/9

Left: 53.614 ± 1.017 χ^2/NDF : 594.9/21

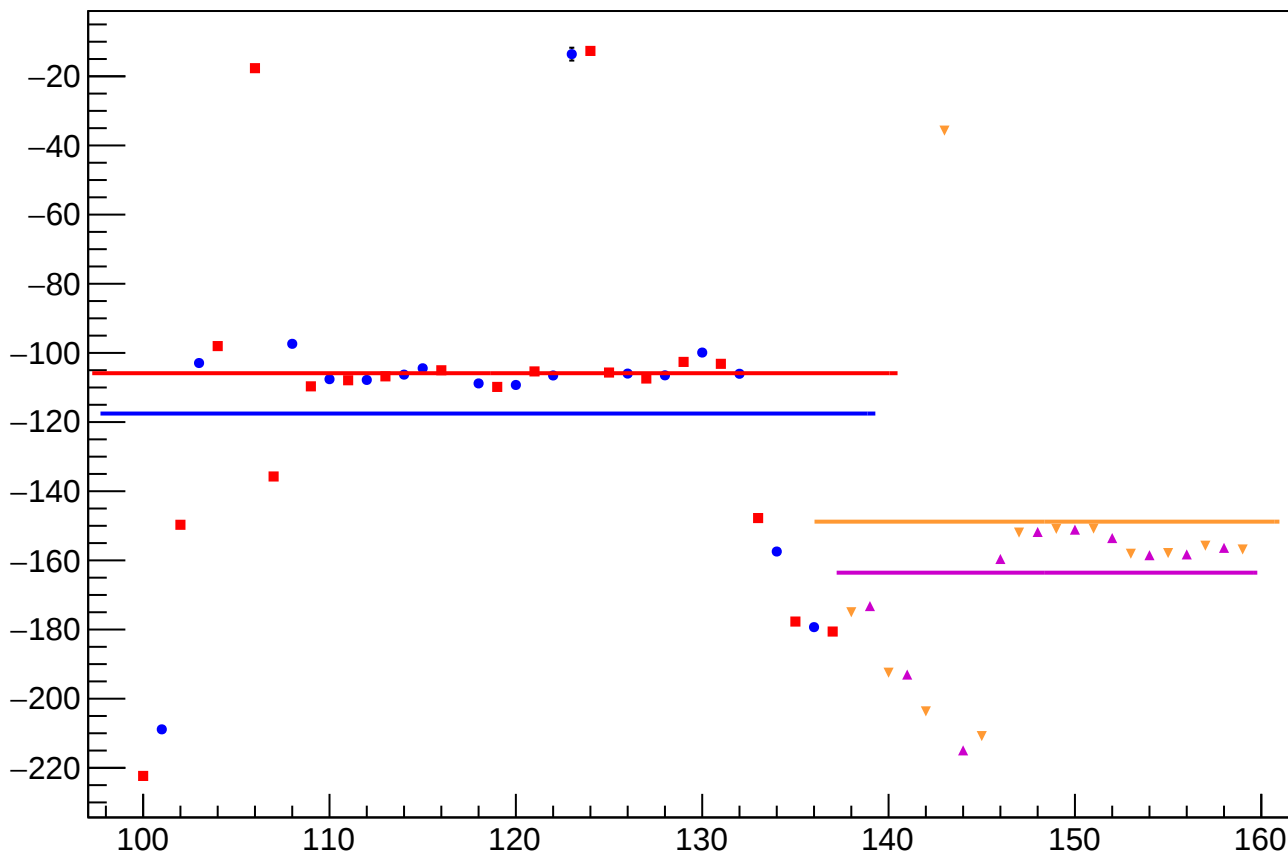
Right: 39.523 ± 0.882 χ^2/NDF : 1052.5/35

In: 48.291 ± 0.965 χ^2/NDF : 797.5/26

Out: 43.092 ± 0.921 χ^2/NDF : 944.3/30

All: 45.569 ± 0.666 χ^2/NDF : 1757.0/57

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -148.798+/-0.069 χ^2/NDF : 452710.3/11

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -163.557+/-0.073 χ^2/NDF : 56589.5/9

Left: -155.812+/-0.050 χ^2/NDF : 530922.2/21

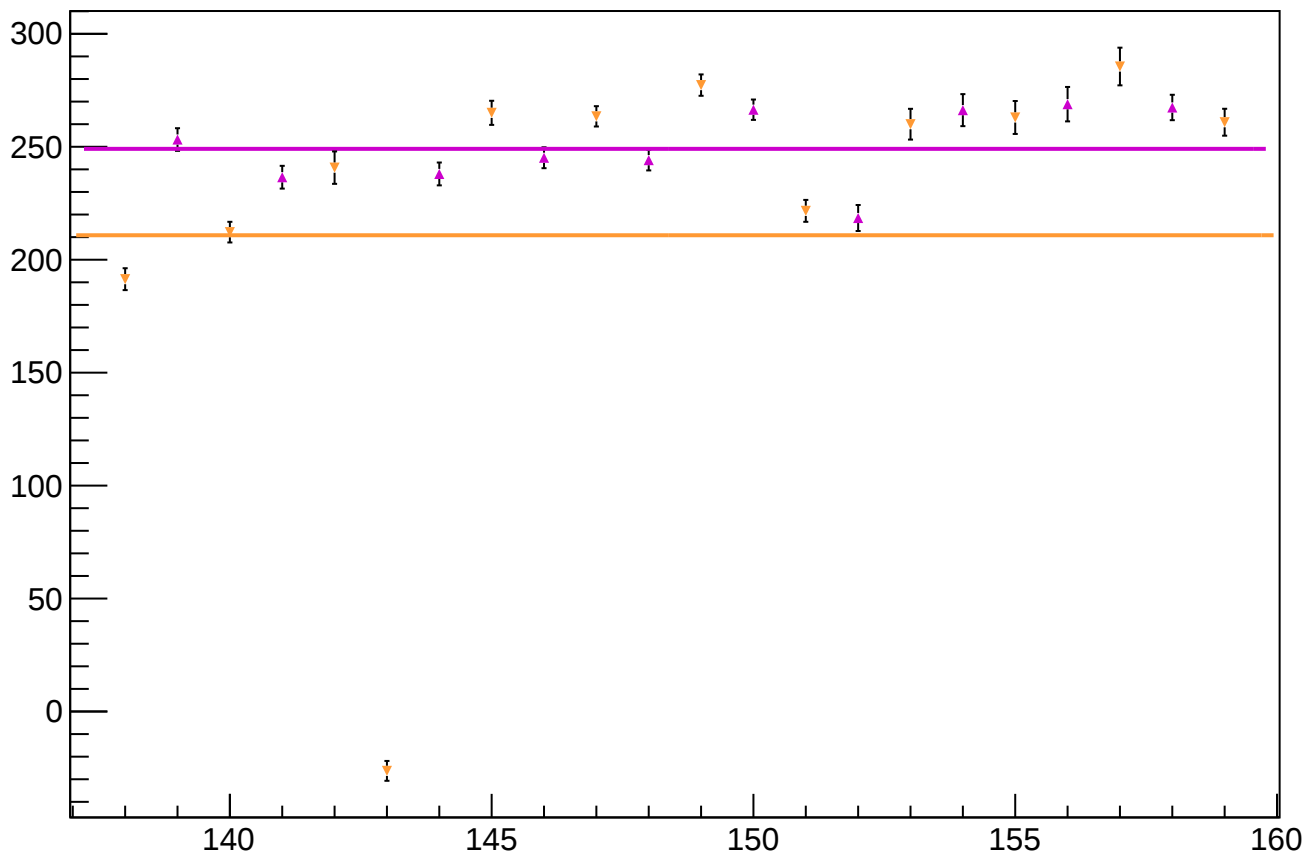
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -142.195+/-0.053 χ^2/NDF : 384598.3/26

Out: -128.416+/-0.050 χ^2/NDF : 959802.6/30

All: -134.896+/-0.036 χ^2/NDF : 1379908.7/57

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: 210.832 +/- 1.550 χ^2/NDF : 3640.6/11

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: 249.084 +/- 1.663 χ^2/NDF : 79.9/9

Left: 228.608 +/- 1.134 χ^2/NDF : 4003.6/21

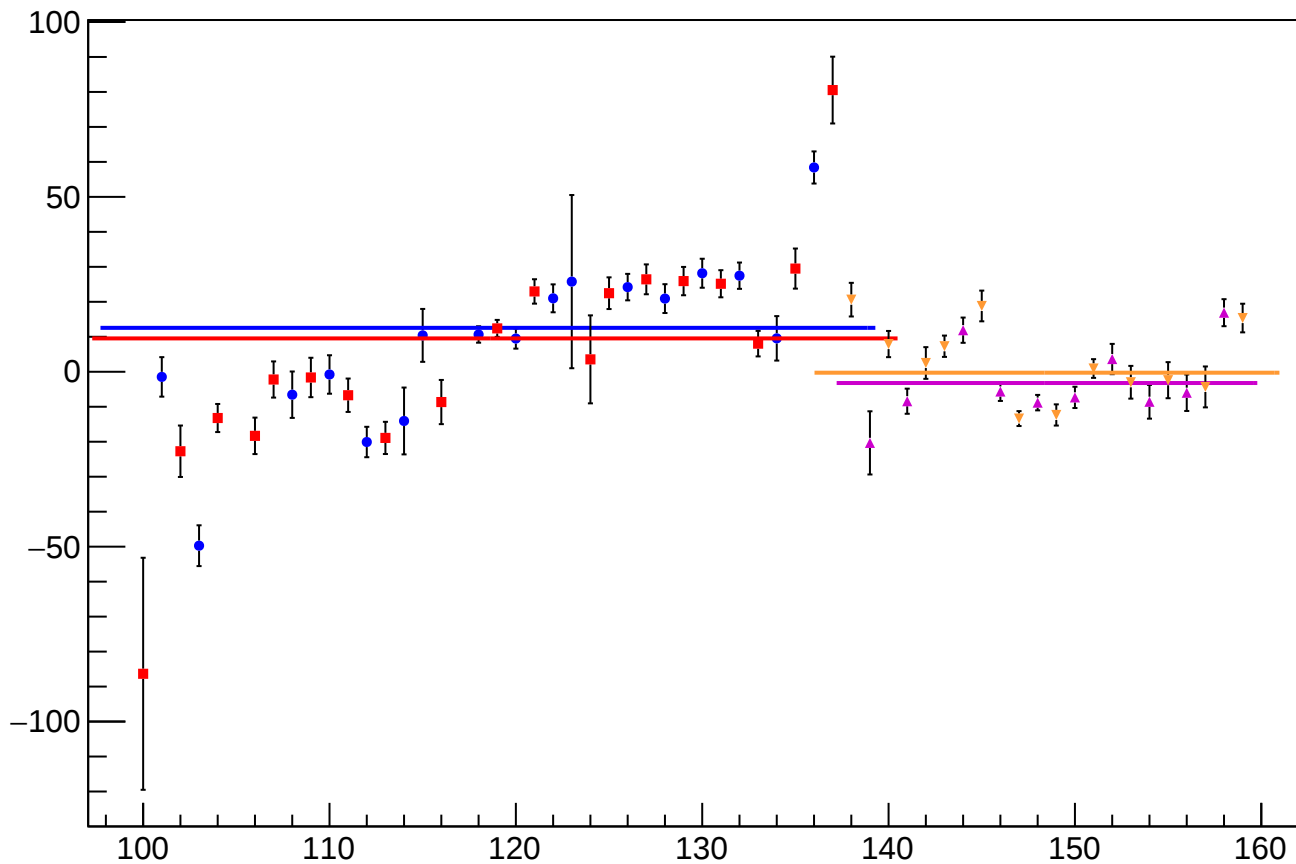
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 249.084 +/- 1.663 χ^2/NDF : 79.9/9

Out: 210.832 +/- 1.550 χ^2/NDF : 3640.6/11

All: 228.608 +/- 1.134 χ^2/NDF : 4003.6/21

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: -0.265+/-1.019 χ^2/NDF : 118.5/11

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -3.215+/-1.106 χ^2/NDF : 63.4/9

Left: -1.619+/-0.749 χ^2/NDF : 185.8/21

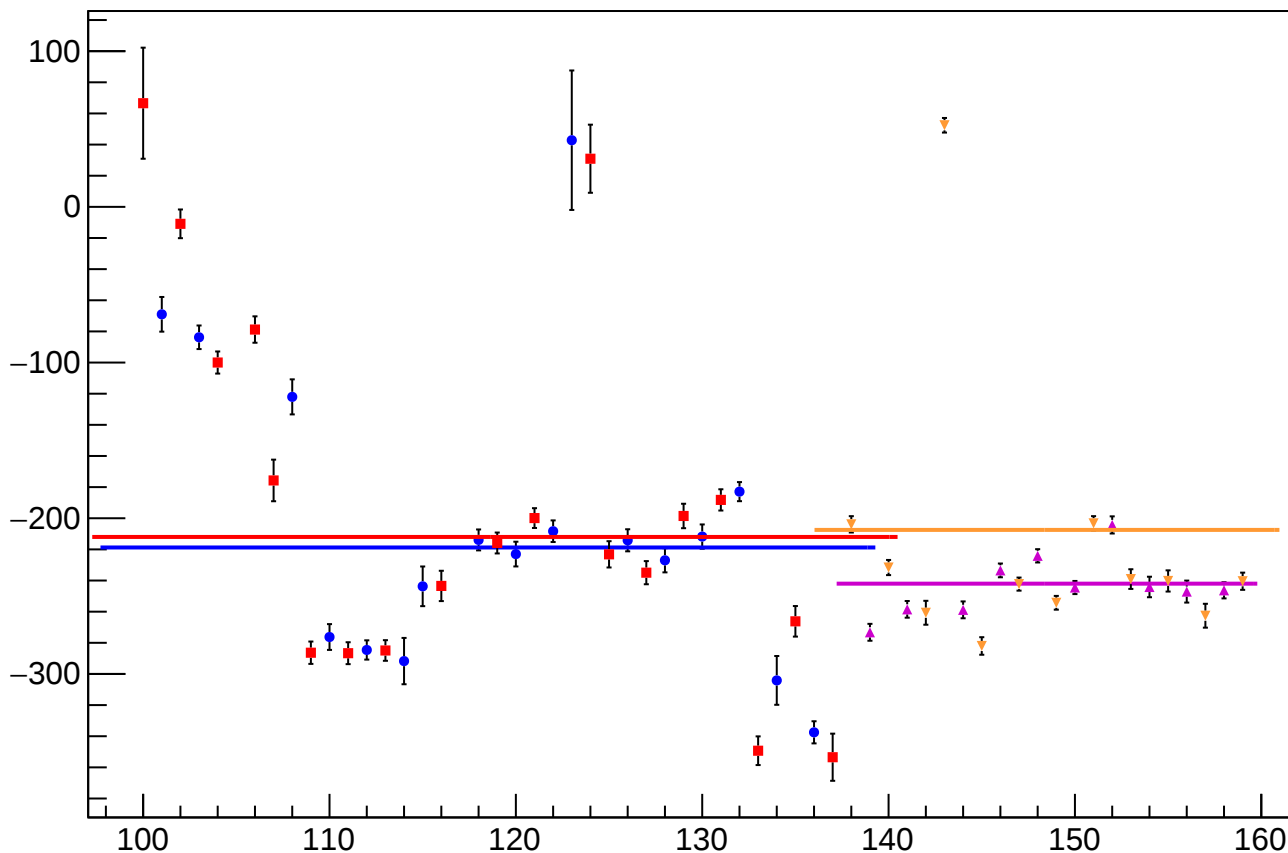
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.029+/-0.764 χ^2/NDF : 518.2/26

Out: 4.494+/-0.731 χ^2/NDF : 459.3/30

All: 4.749+/-0.528 χ^2/NDF : 977.7/57

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: -207.482 ± 1.537 $\chi^2/\text{NDF}: 3638.1/11$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -242.010 ± 1.626 $\chi^2/\text{NDF}: 122.1/9$

Left: -223.777 ± 1.117 $\chi^2/\text{NDF}: 3998.3/21$

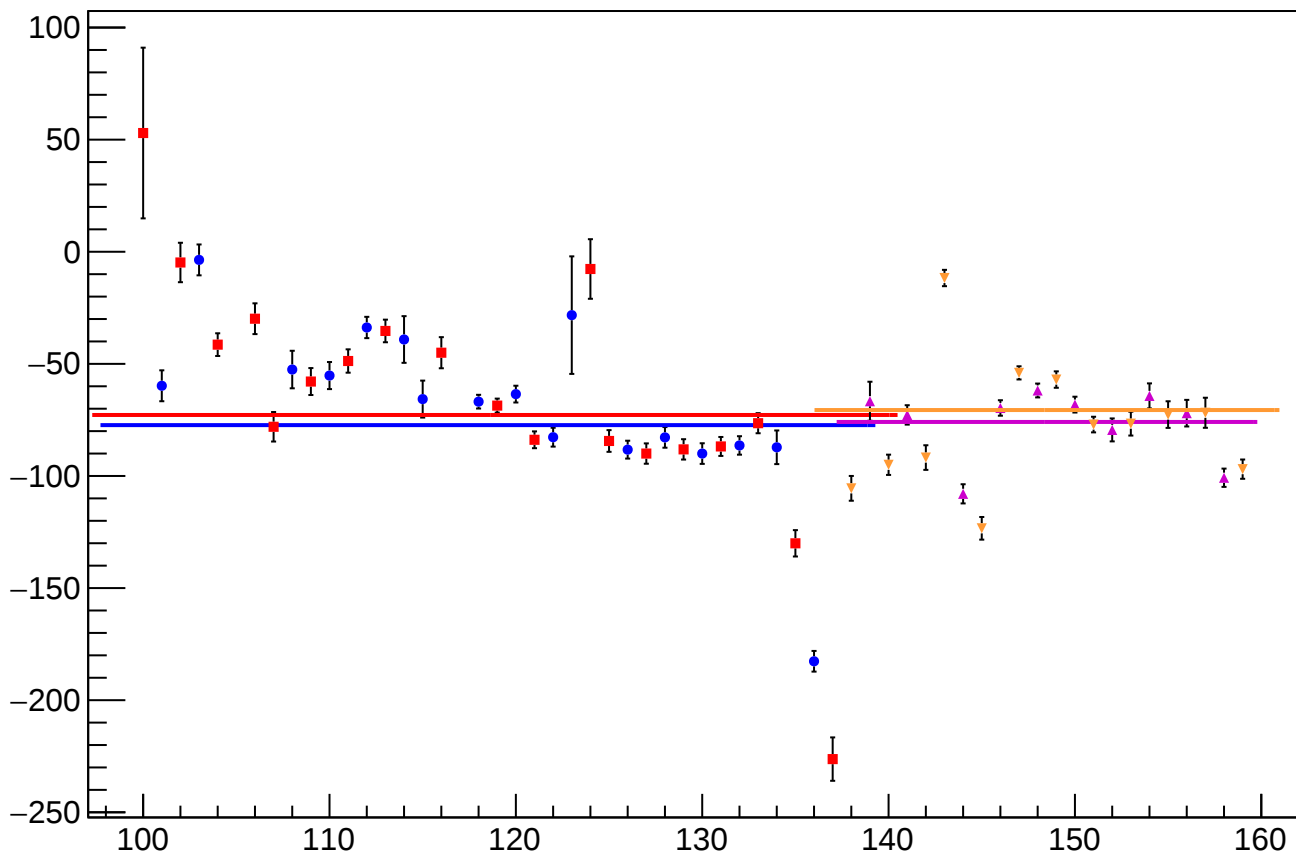
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -232.820 ± 1.264 $\chi^2/\text{NDF}: 1347.3/26$

Out: -209.244 ± 1.201 $\chi^2/\text{NDF}: 5527.1/30$

All: -220.426 ± 0.871 $\chi^2/\text{NDF}: 7057.3/57$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -70.596 ± 1.248 $\chi^2/\text{NDF}: 542.6/11$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -75.910 ± 1.349 $\chi^2/\text{NDF}: 129.1/9$

Left: -73.046 ± 0.916 $\chi^2/\text{NDF}: 680.0/21$

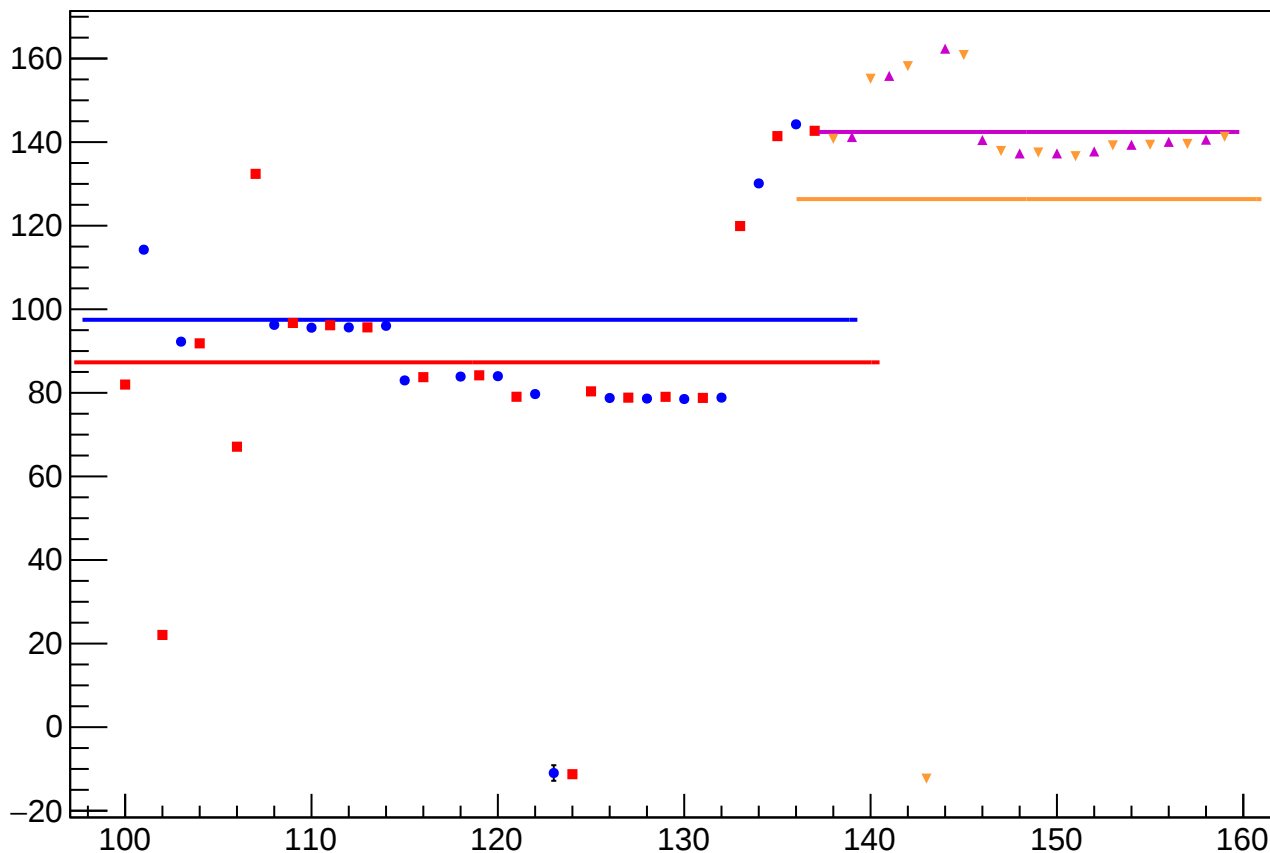
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -76.684 ± 0.906 $\chi^2/\text{NDF}: 947.4/26$

Out: -71.733 ± 0.868 $\chi^2/\text{NDF}: 1215.9/30$

All: -74.102 ± 0.627 $\chi^2/\text{NDF}: 2178.8/57$

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: 126.364+/-0.062 χ^2/NDF : 624684.9/11

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.427+/-0.065 χ^2/NDF : 13501.8/9

Left: 134.047+/-0.045 χ^2/NDF : 670214.7/21

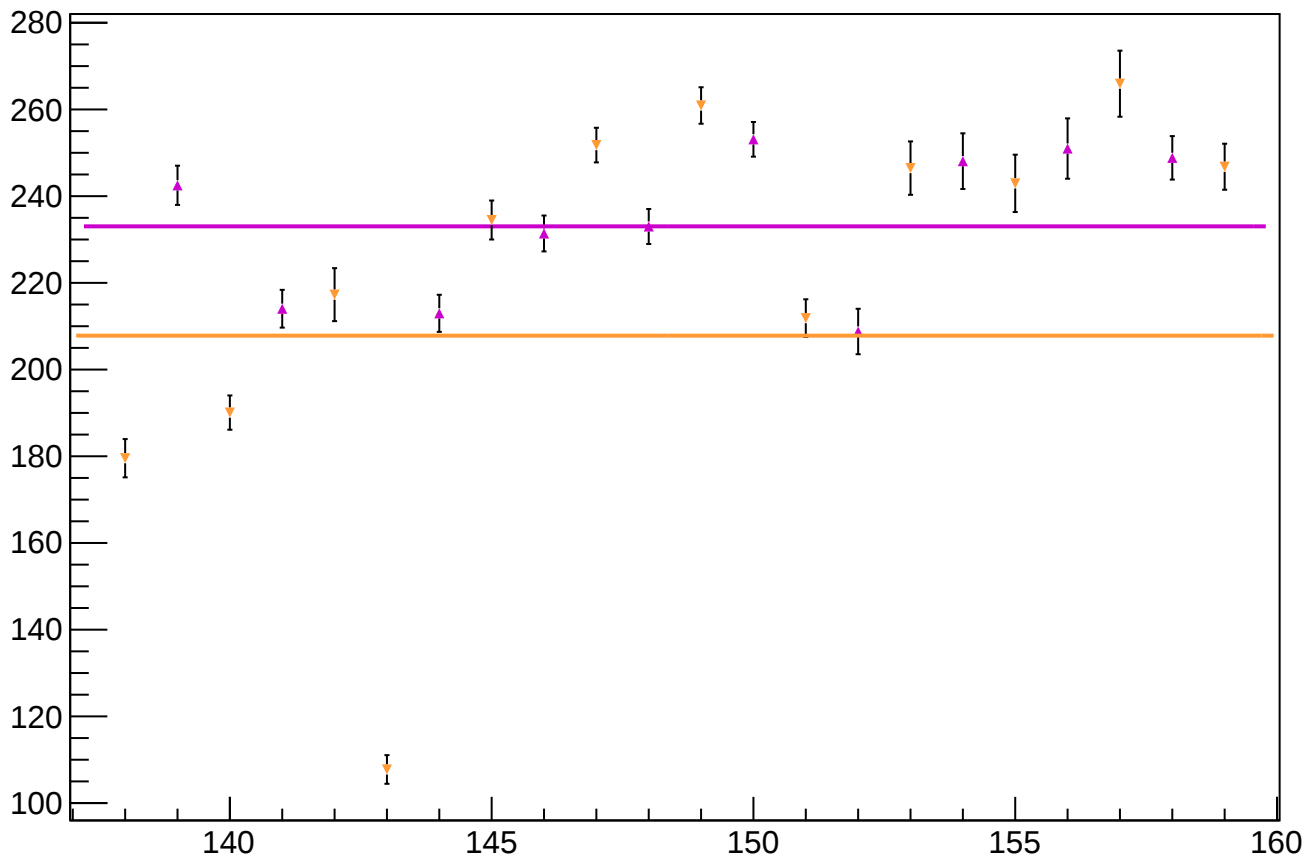
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 122.721+/-0.049 χ^2/NDF : 318634.6/26

Out: 108.671+/-0.046 χ^2/NDF : 1025954.8/30

All: 115.300+/-0.033 χ^2/NDF : 1388777.9/57

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: 207.826+/-1.340 χ^2/NDF :1475.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.038+/-1.475 χ^2/NDF :114.2/9

Left: 219.223+/-0.992 χ^2/NDF : 1749.7/21

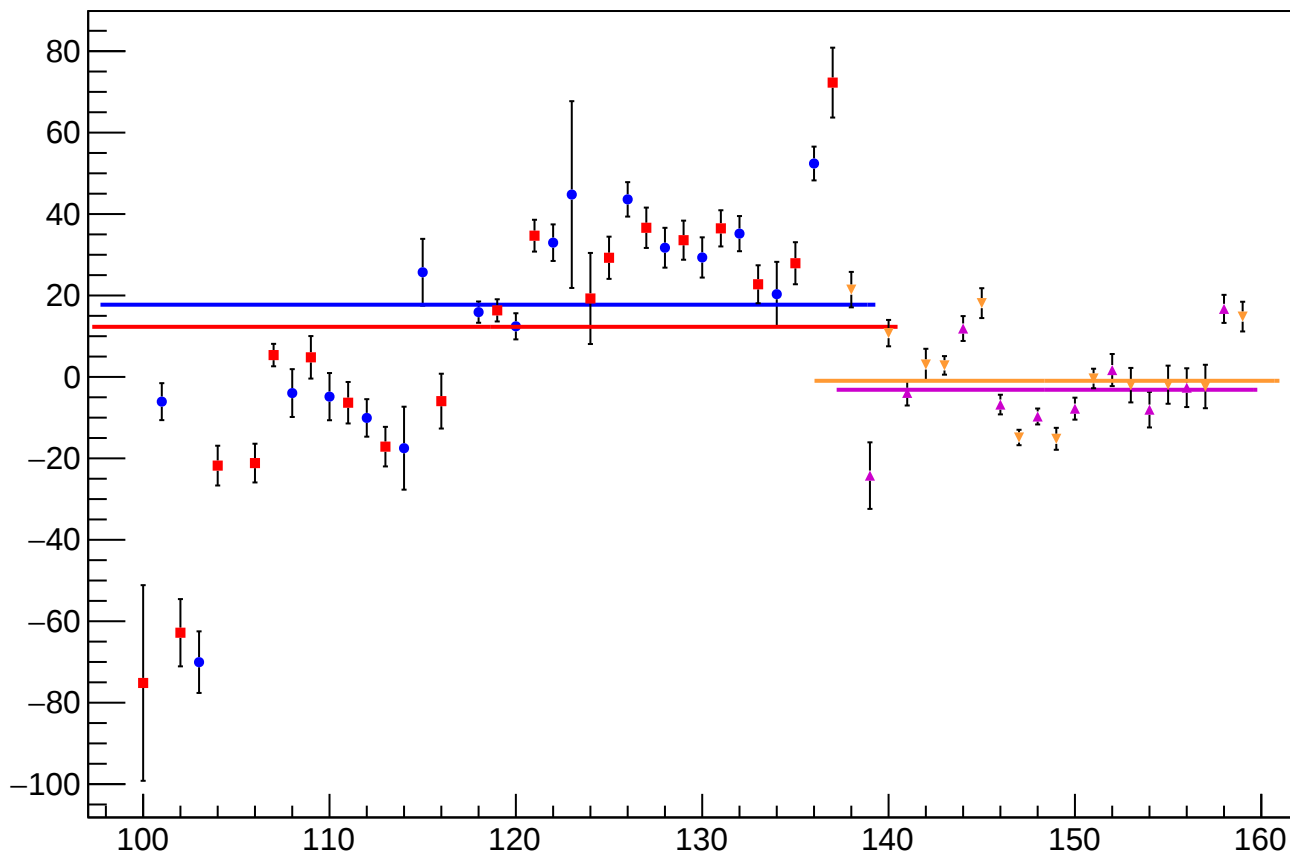
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.038+/-1.475 χ^2/NDF :114.2/9

Out: 207.826+/-1.340 χ^2/NDF :1475.4/11

All: 219.223+/-0.992 χ^2/NDF : 1749.7/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 χ^2/NDF : 394.0/16

Left Out: -0.949 ± 0.882 χ^2/NDF : 171.3/11

Right Out: 12.306 ± 1.084 χ^2/NDF : 442.5/18

Left In: -3.154 ± 0.980 χ^2/NDF : 83.5/9

Left: -1.936 ± 0.656 χ^2/NDF : 257.6/21

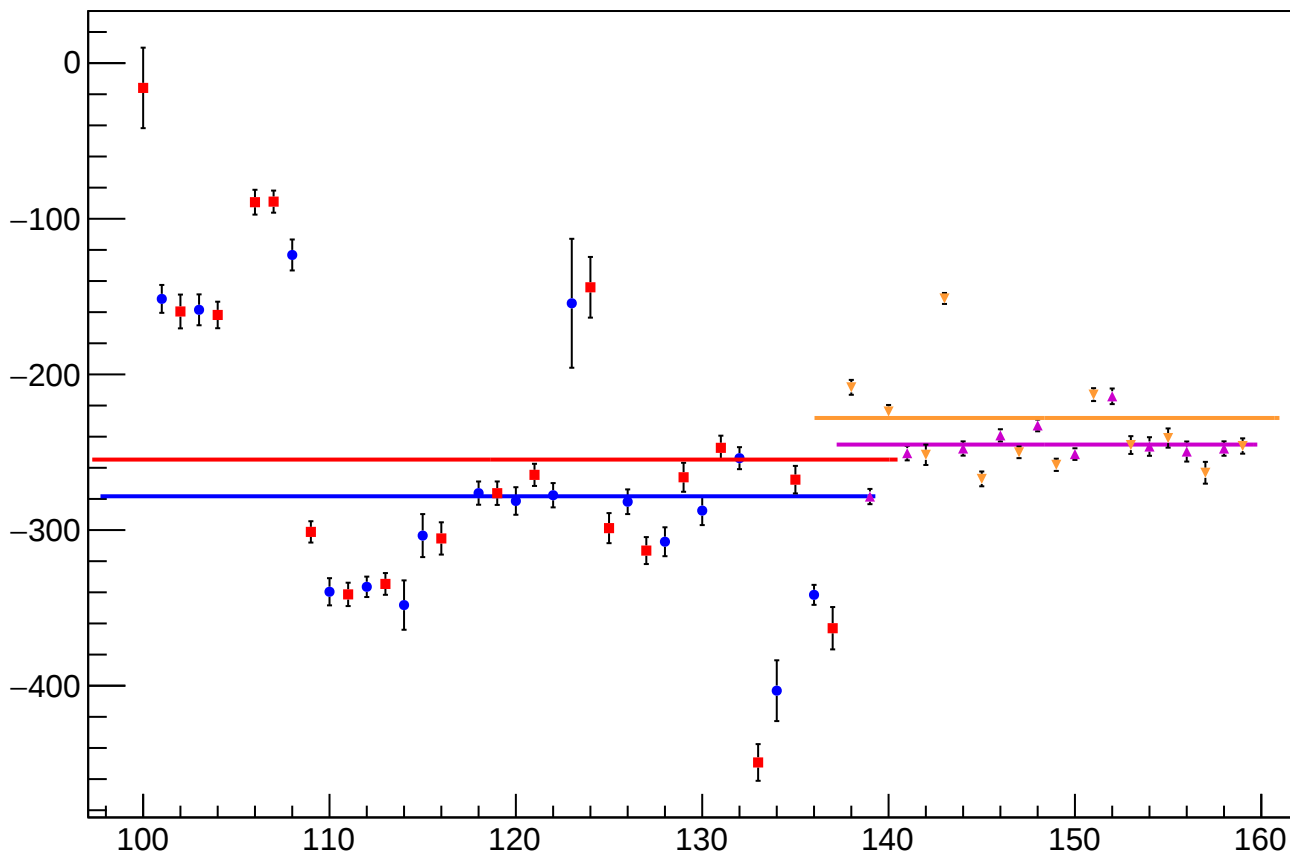
Right: 14.864 ± 0.788 χ^2/NDF : 848.3/35

In: 5.648 ± 0.746 χ^2/NDF : 668.9/26

Out: 4.332 ± 0.684 χ^2/NDF : 703.7/30

All: 4.934 ± 0.504 χ^2/NDF : 1374.3/57

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -227.980 ± 1.335 $\chi^2/\text{NDF}: 731.7/11$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -245.072 ± 1.444 $\chi^2/\text{NDF}: 102.7/9$

Left: -235.857 ± 0.980 $\chi^2/\text{NDF}: 909.9/21$

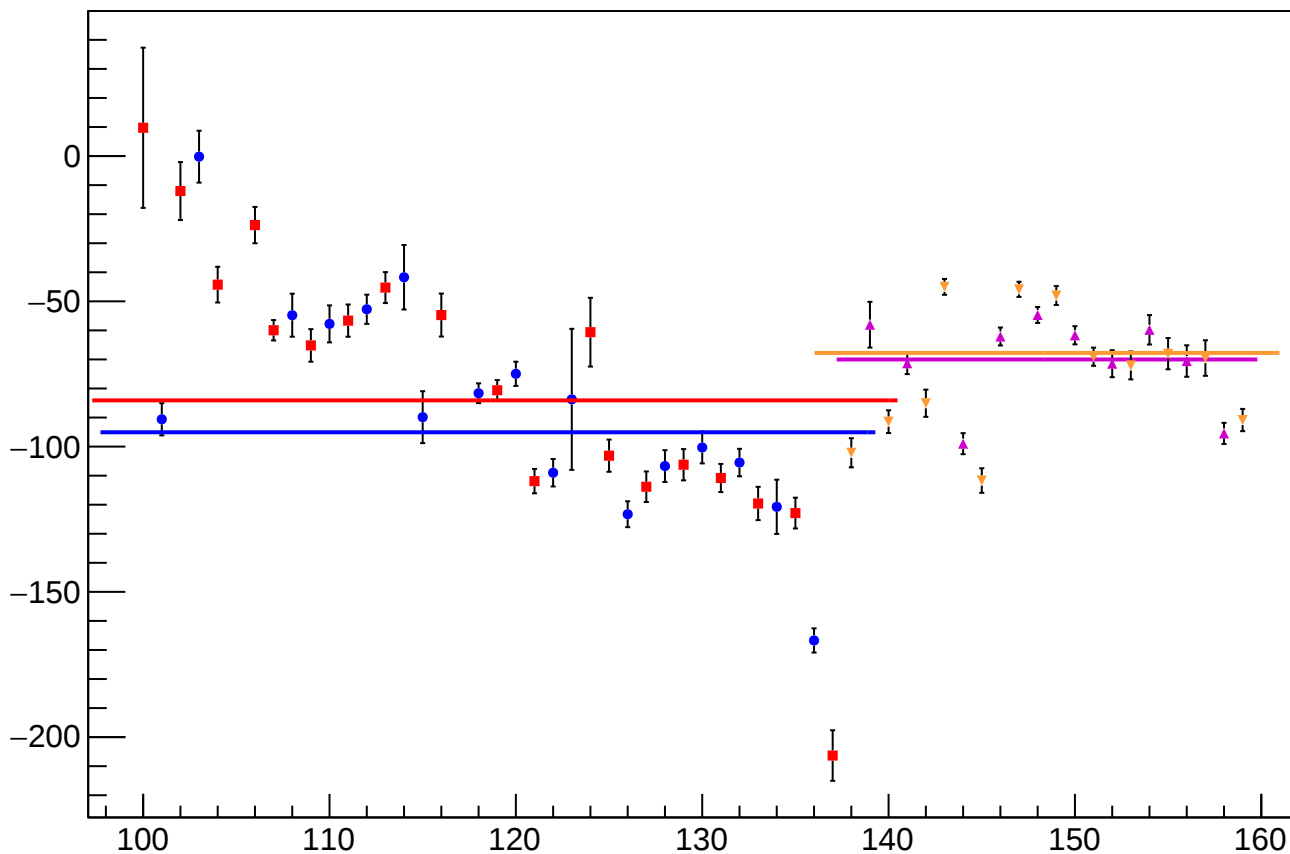
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -255.254 ± 1.203 $\chi^2/\text{NDF}: 1174.9/26$

Out: -236.114 ± 1.114 $\chi^2/\text{NDF}: 2891.7/30$

All: -244.950 ± 0.817 $\chi^2/\text{NDF}: 4203.0/57$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -67.758 ± 1.080 χ^2/NDF : 419.4/11

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -70.023 ± 1.196 χ^2/NDF : 164.7/9

Left: -68.776 ± 0.801 χ^2/NDF : 586.1/21

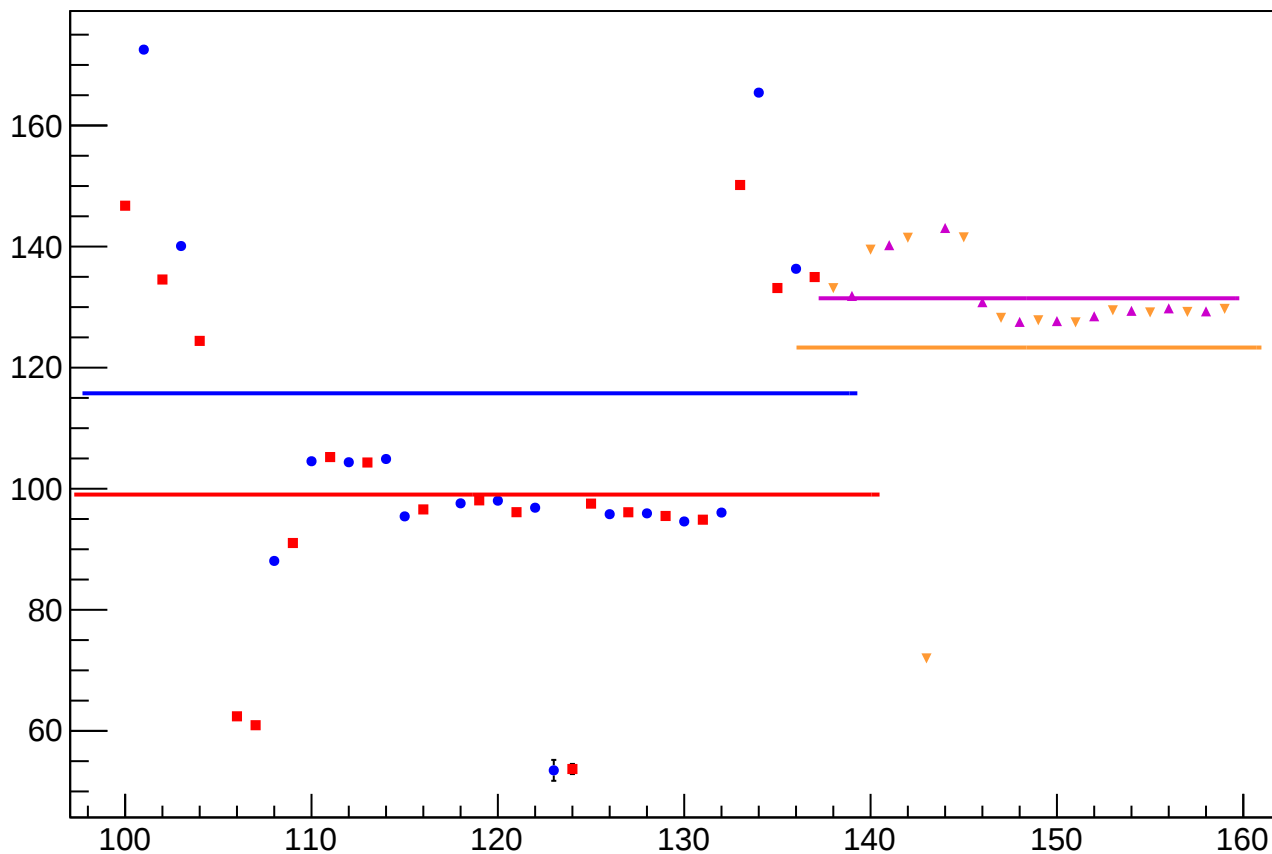
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -81.265 ± 0.888 χ^2/NDF : 1034.9/26

Out: -74.696 ± 0.819 χ^2/NDF : 1297.0/30

All: -77.716 ± 0.602 χ^2/NDF : 2361.4/57

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: 123.323 $\pm$ 0.054 χ^2 /NDF:161176.9/11

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 131.459 $\pm$ 0.058 χ^2 /NDF:7272.0/9

Left: 127.121 $\pm$ 0.039 χ^2 /NDF: 179045.9/21

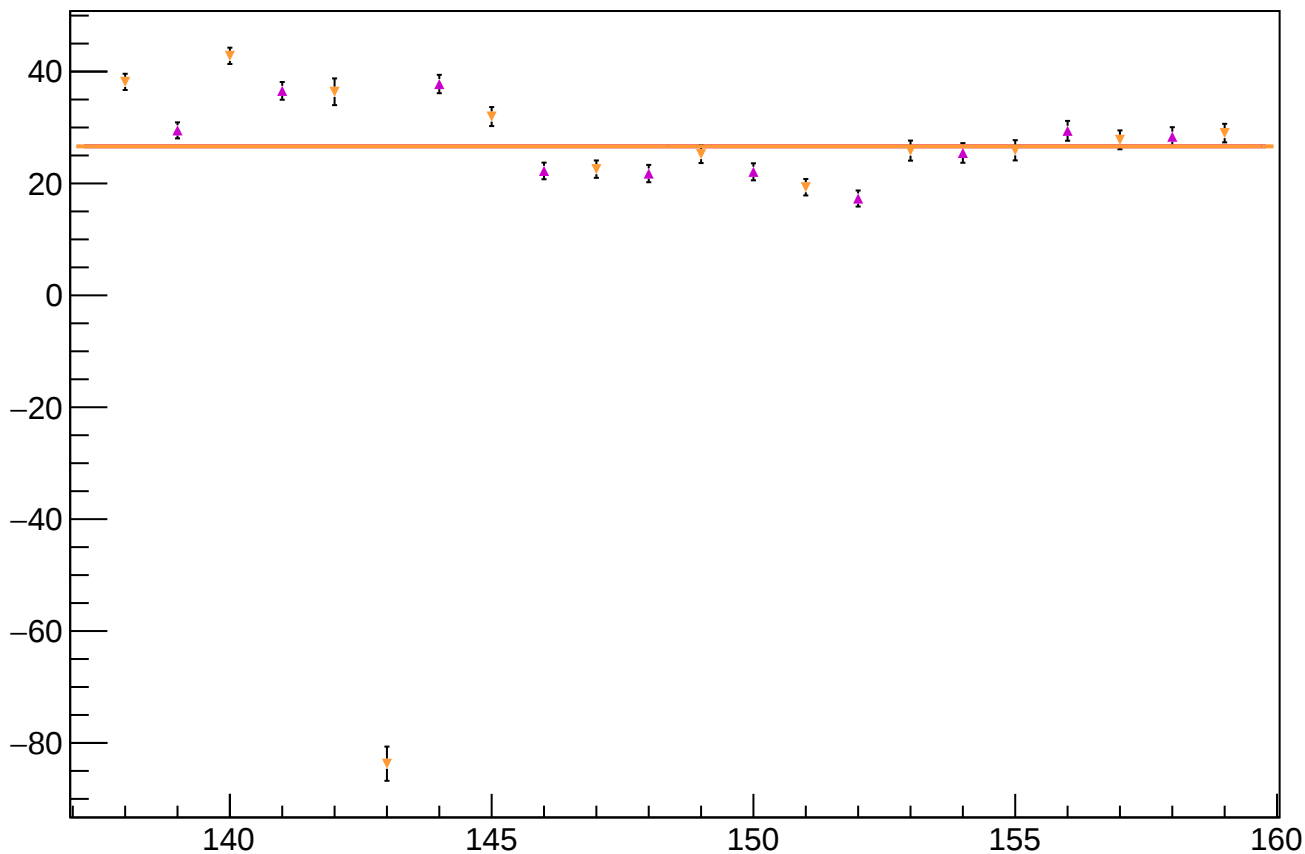
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.914 $\pm$ 0.046 χ^2 /NDF:139701.2/26

Out: 114.010 $\pm$ 0.042 χ^2 /NDF:412199.6/30

All: 119.426 $\pm$ 0.031 χ^2 /NDF: 587754.0/57

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.633+/-0.490 χ^2/NDF :1551.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.642+/-0.498 χ^2/NDF :162.6/9

Left: 26.637+/-0.349 χ^2/NDF : 1714.2/21

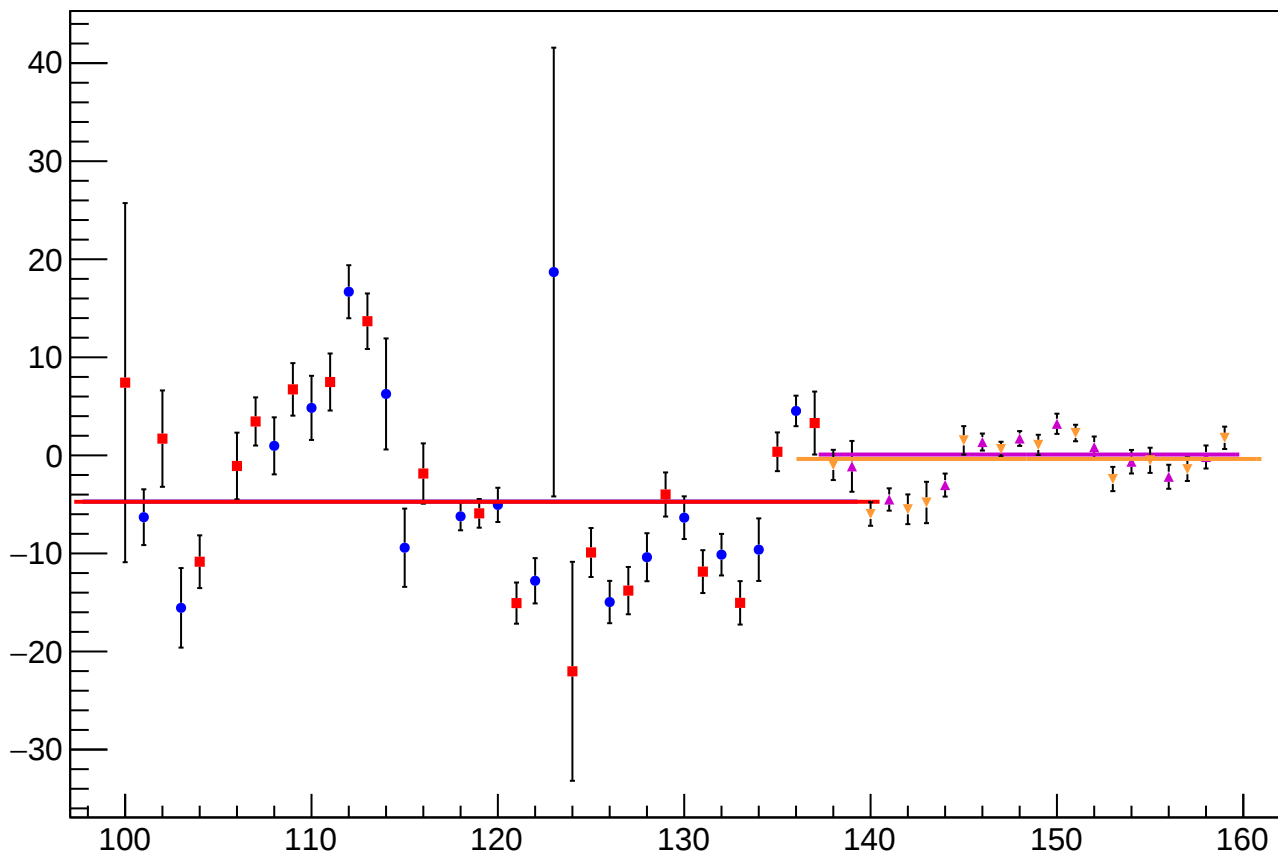
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.642+/-0.498 χ^2/NDF :162.6/9

Out: 26.633+/-0.490 χ^2/NDF :1551.6/11

All: 26.637+/-0.349 χ^2/NDF : 1714.2/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.364 ± 0.330 χ^2/NDF : 60.3/11

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: 0.084 ± 0.341 χ^2/NDF : 43.9/9

Left: -0.147 ± 0.237 χ^2/NDF : 105.1/21

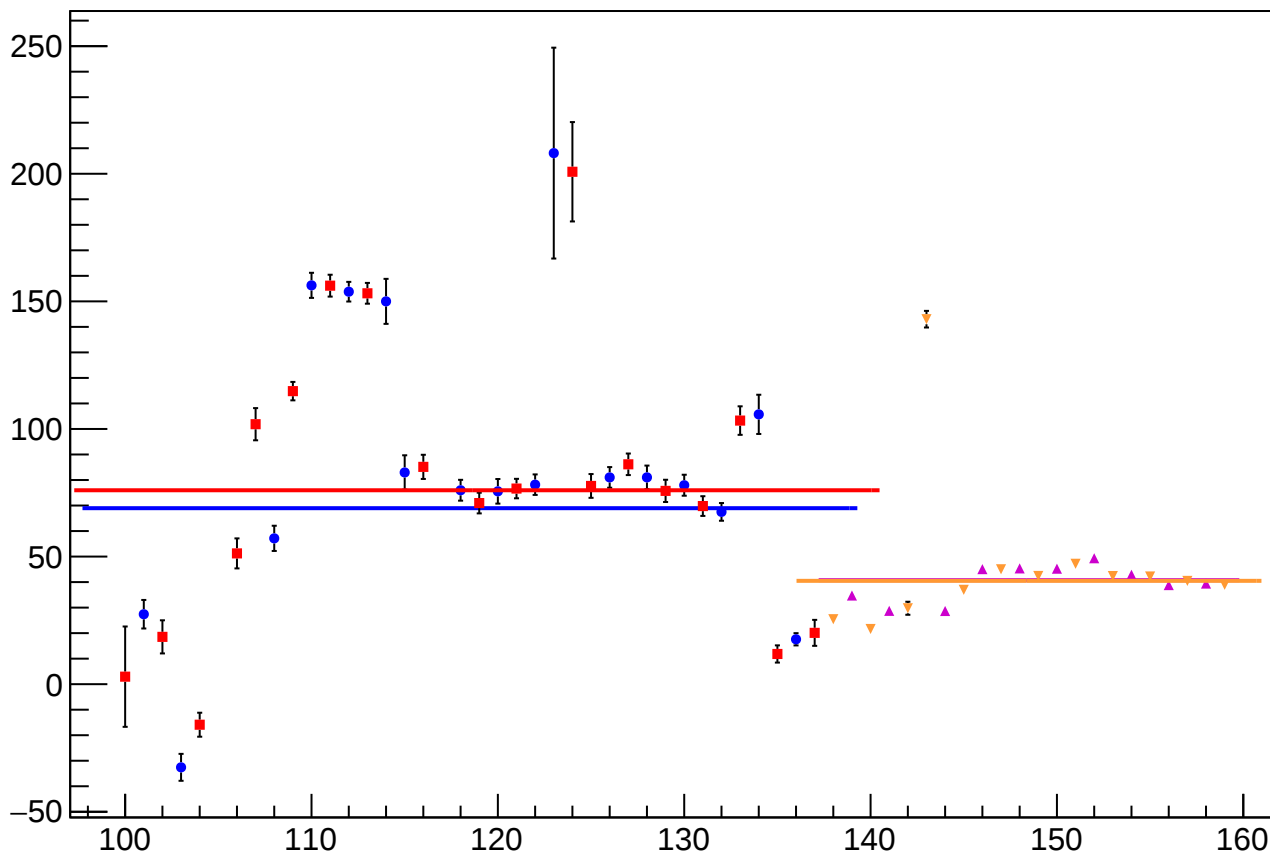
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.144 ± 0.294 χ^2/NDF : 269.4/26

Out: -1.420 ± 0.288 χ^2/NDF : 292.3/30

All: -1.285 ± 0.206 χ^2/NDF : 562.1/57

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 40.493 ± 0.479 $\chi^2/\text{NDF}: 1286.9/11$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 40.753 ± 0.486 $\chi^2/\text{NDF}: 185.1/9$

Left: 40.621 ± 0.341 $\chi^2/\text{NDF}: 1472.2/21$

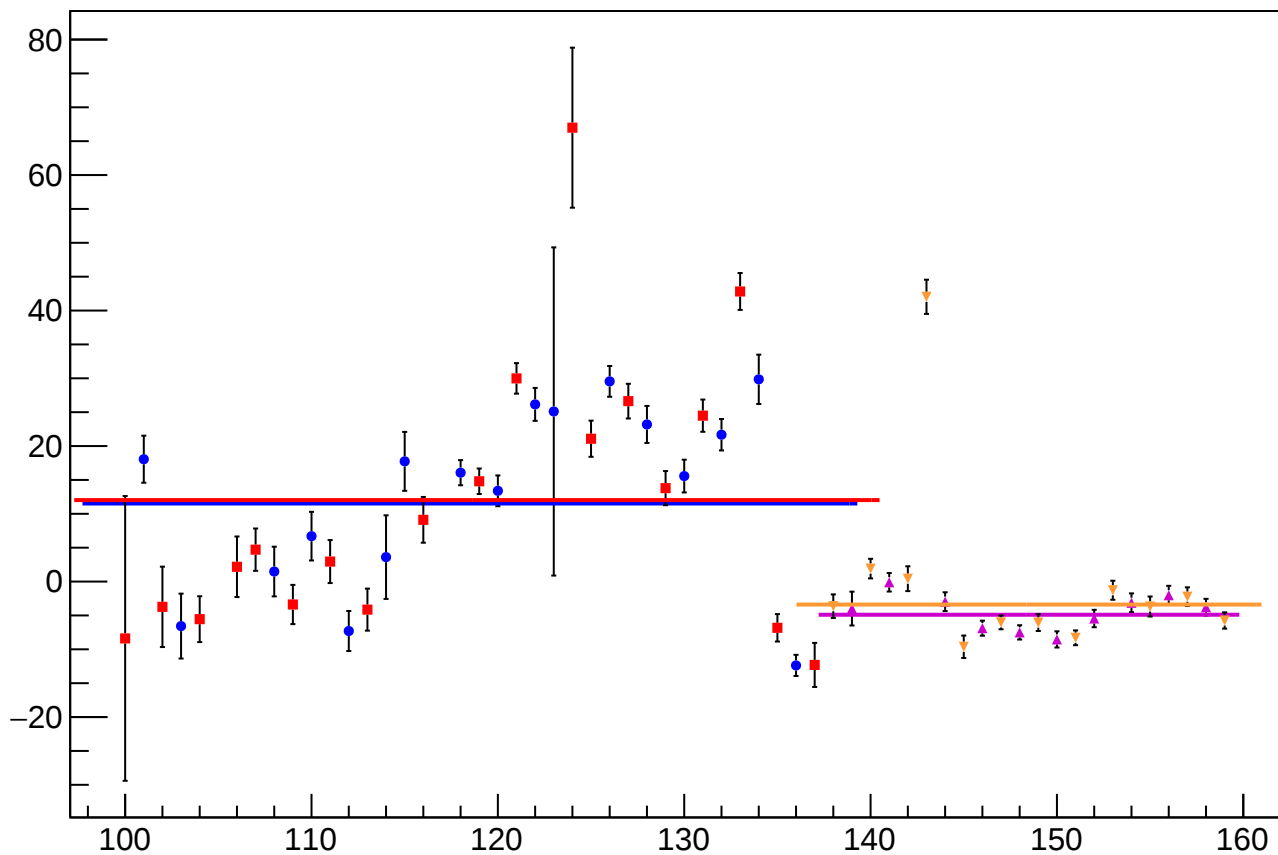
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 45.514 ± 0.443 $\chi^2/\text{NDF}: 2597.3/26$

Out: 46.427 ± 0.437 $\chi^2/\text{NDF}: 4098.9/30$

All: 45.977 ± 0.311 $\chi^2/\text{NDF}: 6698.3/57$

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: -3.394 ± 0.399 $\chi^2/\text{NDF}: 393.8/11$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -4.897 ± 0.411 $\chi^2/\text{NDF}: 39.8/9$

Left: -4.124 ± 0.286 $\chi^2/\text{NDF}: 440.6/21$

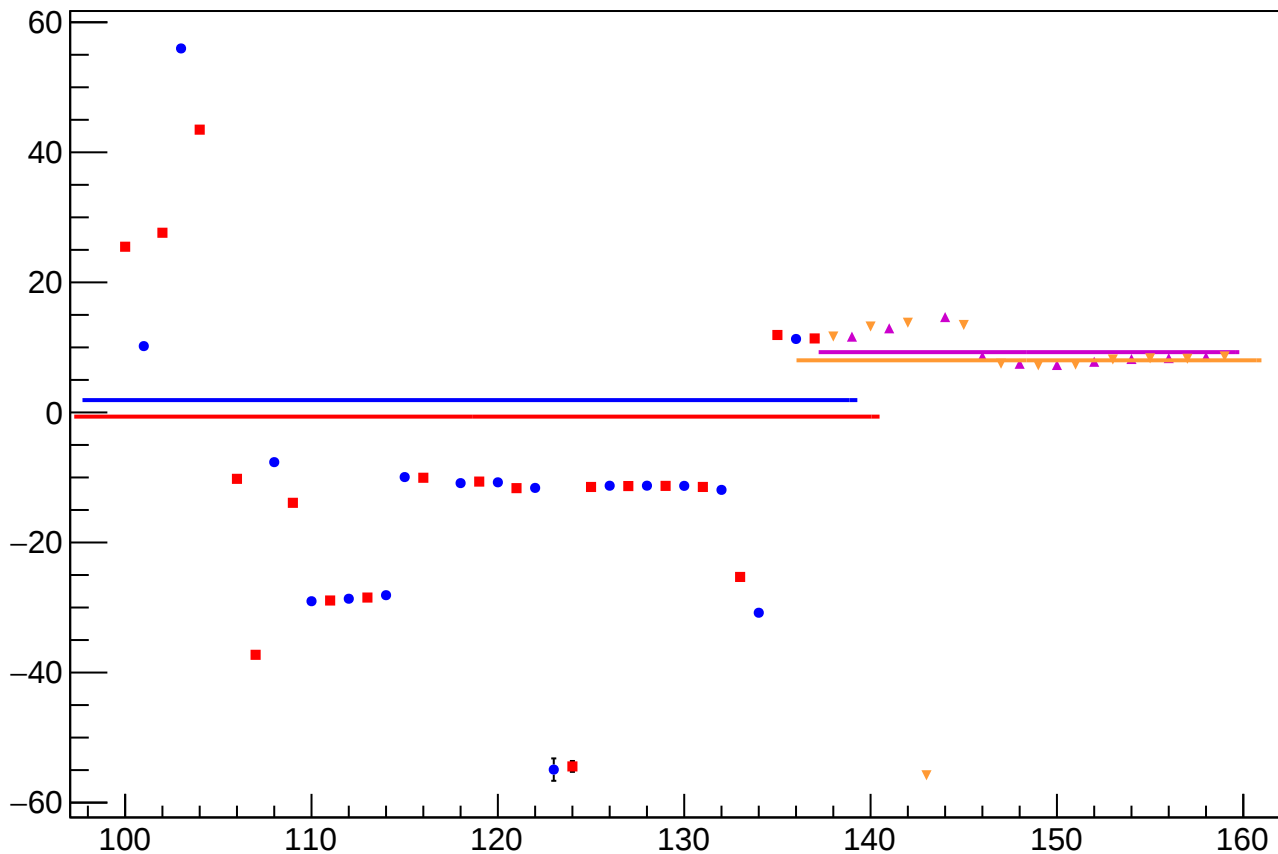
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.308 ± 0.349 $\chi^2/\text{NDF}: 963.2/26$

Out: 0.701 ± 0.342 $\chi^2/\text{NDF}: 1329.3/30$

All: 0.206 ± 0.244 $\chi^2/\text{NDF}: 2296.8/57$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 $\chi^2/\text{NDF}: 358855.7/16$

Left Out: 8.014 ± 0.019 $\chi^2/\text{NDF}: 256452.0/11$

Right Out: -0.644 ± 0.037 $\chi^2/\text{NDF}: 361626.2/18$

Left In: 9.271 ± 0.019 $\chi^2/\text{NDF}: 13243.6/9$

Left: 8.635 ± 0.013 $\chi^2/\text{NDF}: 271911.5/21$

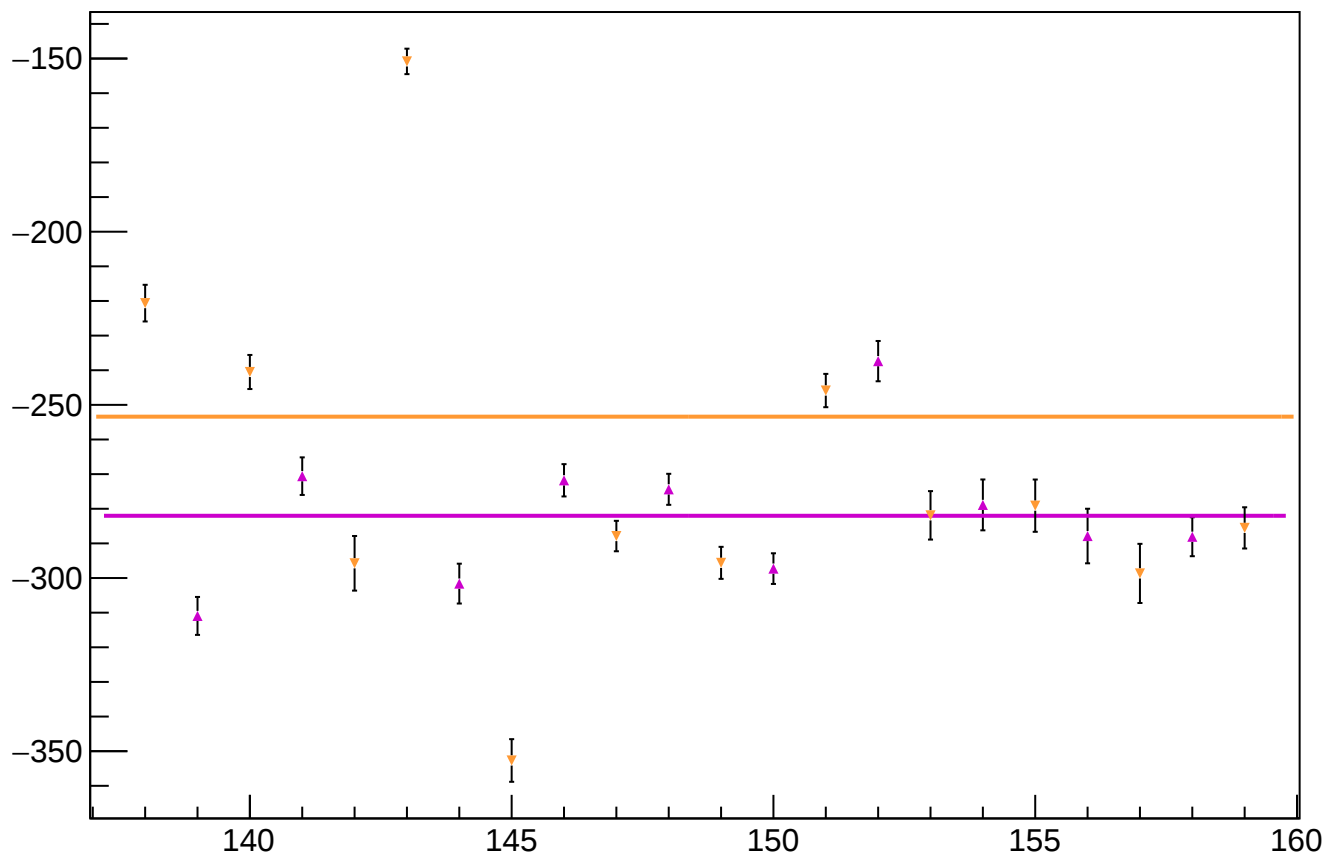
Right: 0.626 ± 0.026 $\chi^2/\text{NDF}: 722831.9/35$

In: 7.735 ± 0.017 $\chi^2/\text{NDF}: 403484.2/26$

Out: 6.246 ± 0.017 $\chi^2/\text{NDF}: 661531.9/30$

All: 6.984 ± 0.012 $\chi^2/\text{NDF}: 1068935.4/57$

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -253.406+/-1.552 χ^2/NDF :1345.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -282.026+/-1.715 χ^2/NDF :124.3/9

Left: -266.295+/-1.151 χ^2/NDF : 1623.0/21

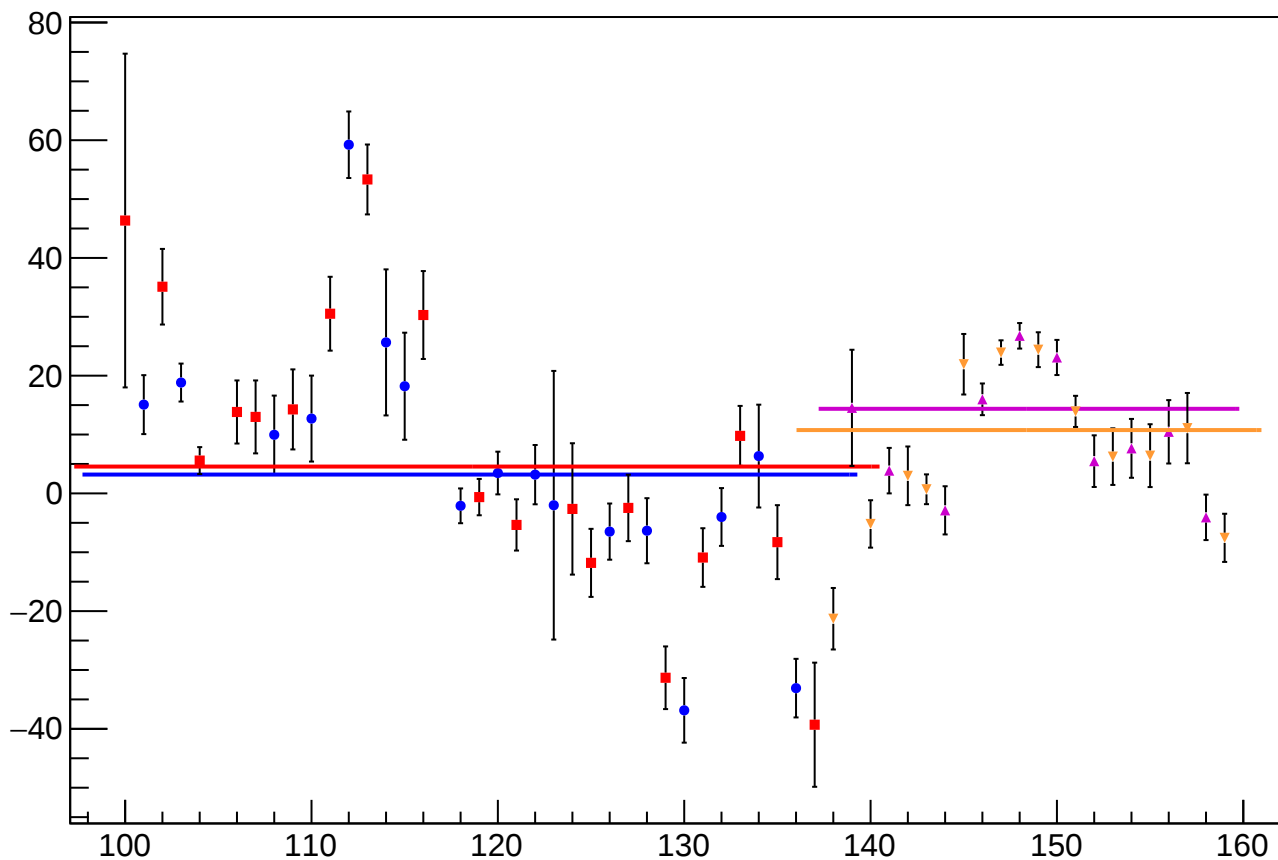
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.026+/-1.715 χ^2/NDF :124.3/9

Out: -253.406+/-1.552 χ^2/NDF :1345.6/11

All: -266.295+/-1.151 χ^2/NDF : 1623.0/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 10.757 ± 1.007 χ^2/NDF : 160.5/11

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 14.370 ± 1.123 χ^2/NDF : 95.9/9

Left: 12.367 ± 0.750 χ^2/NDF : 262.2/21

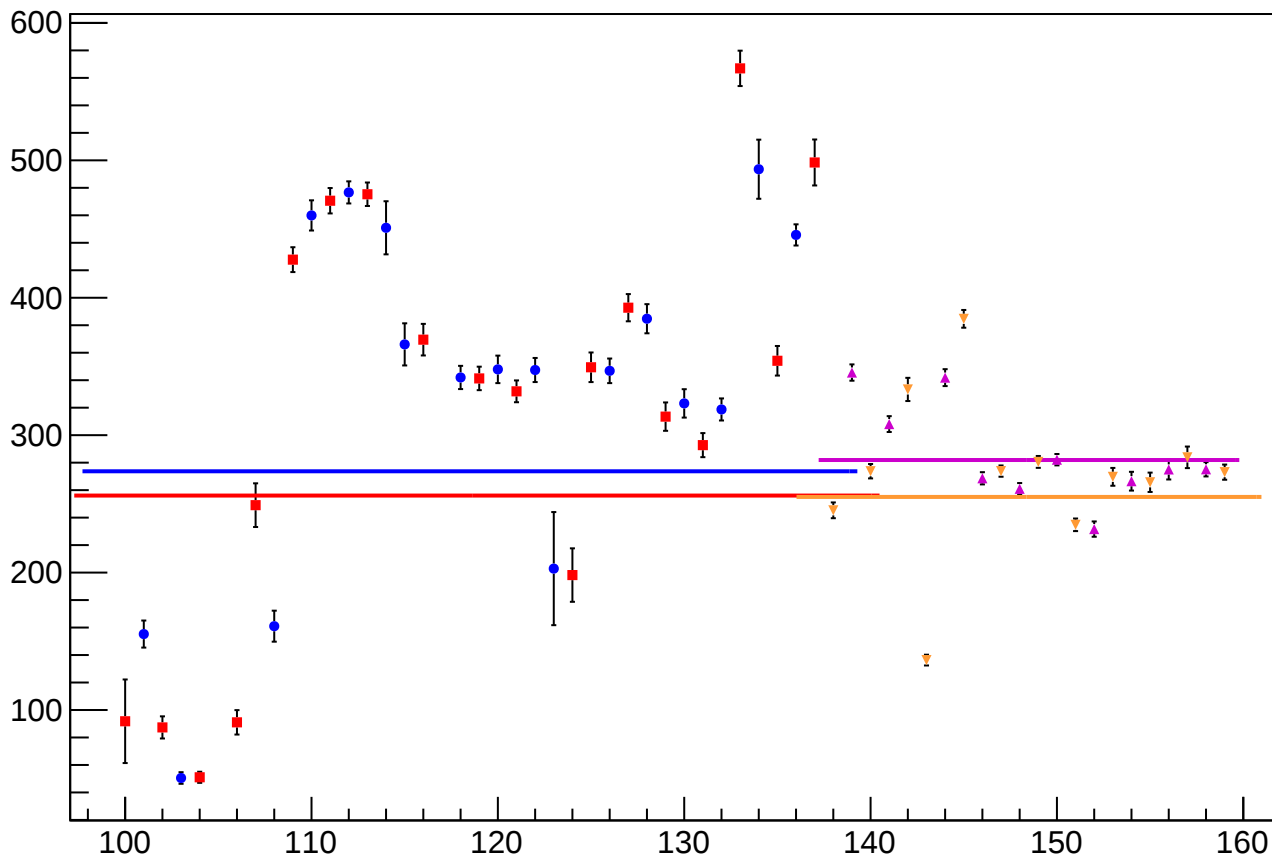
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 9.280 ± 0.828 χ^2/NDF : 396.2/26

Out: 8.087 ± 0.760 χ^2/NDF : 400.8/30

All: 8.632 ± 0.560 χ^2/NDF : 798.1/57

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: 255.058 $\pm$ 1.537 χ^2 /NDF:1528.5/11

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 281.922 $\pm$ 1.667 χ^2 /NDF:353.4/9

Left: 267.402 $\pm$ 1.130 χ^2 /NDF: 2022.3/21

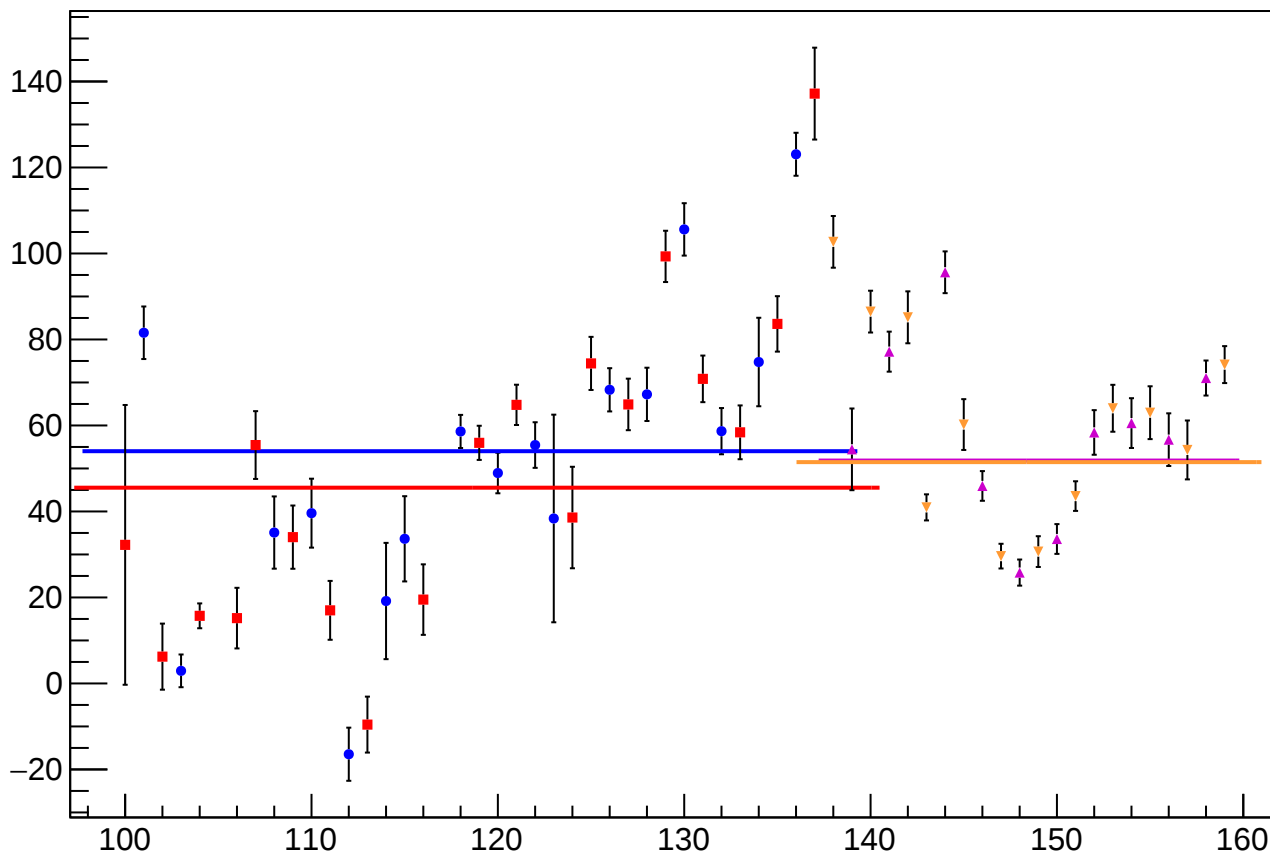
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 278.920 $\pm$ 1.327 χ^2 /NDF:5465.6/26

Out: 255.410 $\pm$ 1.236 χ^2 /NDF:7969.7/30

All: 266.327 $\pm$ 0.904 χ^2 /NDF: 13603.4/57

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: 51.475 $\pm$ 1.237 χ^2 /NDF:303.5/11

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 51.840 $\pm$ 1.375 χ^2 /NDF:241.9/9

Left: 51.638 $\pm$ 0.919 χ^2 /NDF: 545.5/21

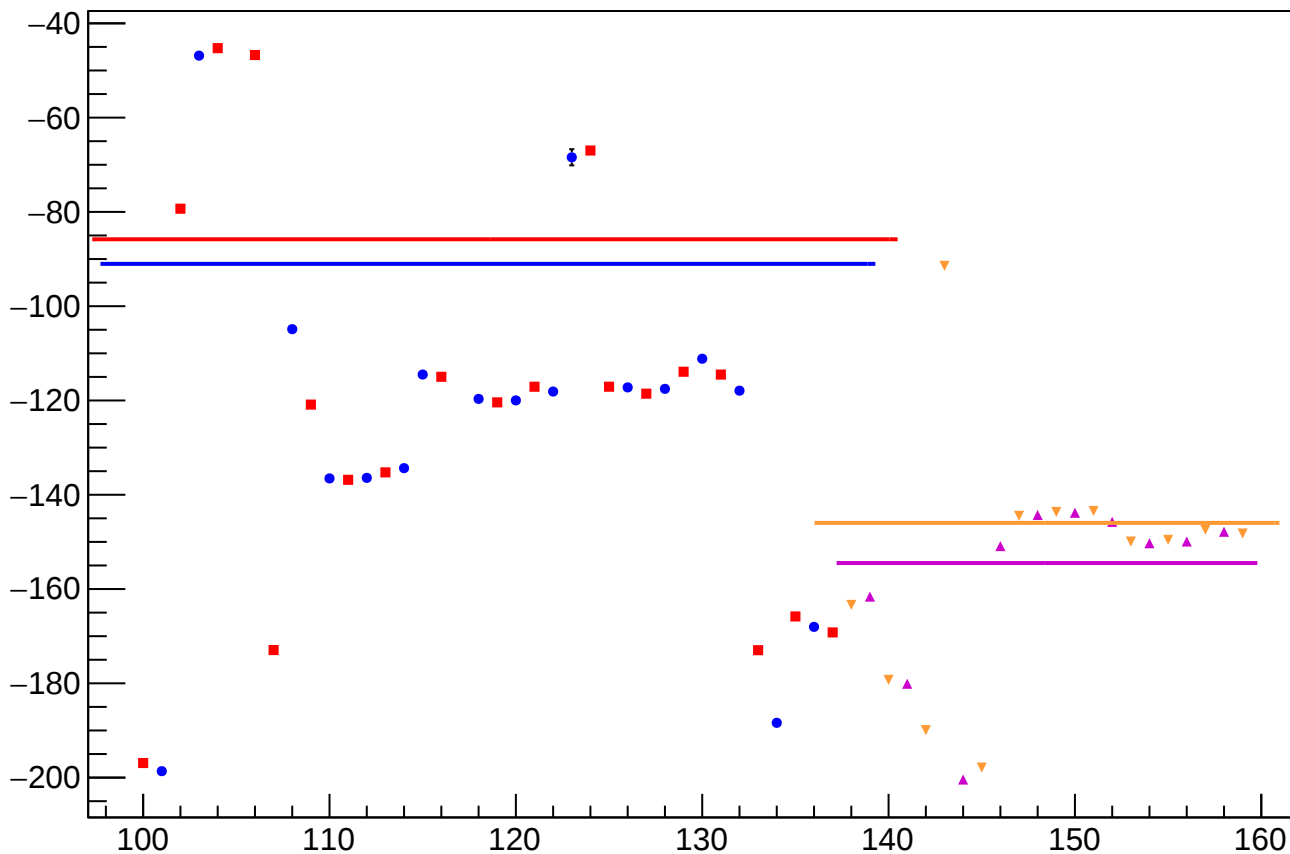
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 52.890 $\pm$ 0.989 χ^2 /NDF:876.0/26

Out: 48.777 $\pm$ 0.914 χ^2 /NDF:840.8/30

All: 50.673 $\pm$ 0.671 χ^2 /NDF: 1726.1/57

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: -145.963+/-0.062 χ^2/NDF : 205458.0/11

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -154.481+/-0.067 χ^2/NDF : 52885.1/9

Left: -149.936+/-0.045 χ^2/NDF : 267068.2/21

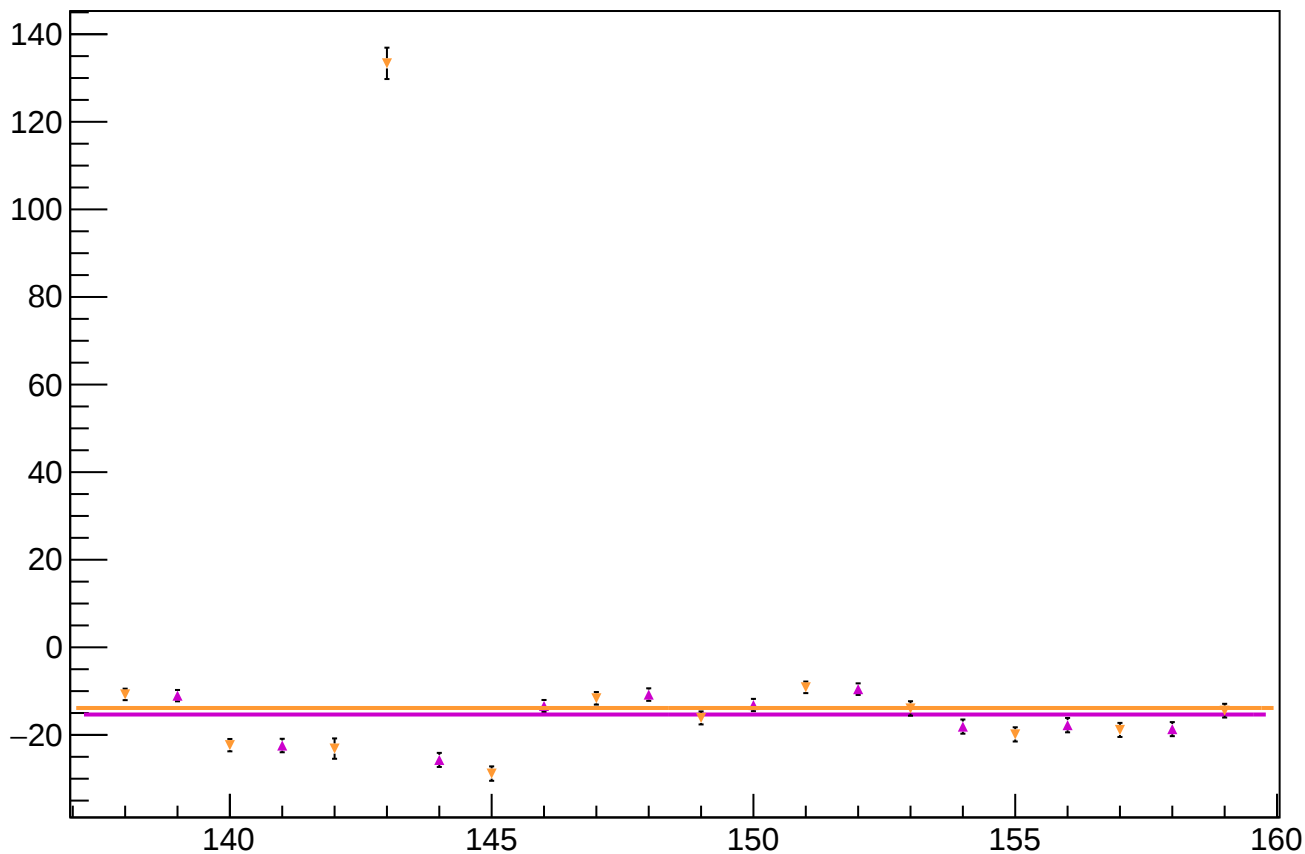
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -123.205+/-0.047 χ^2/NDF : 1034326.6/26

Out: -117.180+/-0.045 χ^2/NDF : 1147662.6/30

All: -120.032+/-0.033 χ^2/NDF : 2190483.1/57

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: -13.850+/-0.458 χ^2/NDF :1870.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.344+/-0.464 χ^2/NDF :117.0/9

Left: -14.587+/-0.326 χ^2/NDF : 1993.0/21

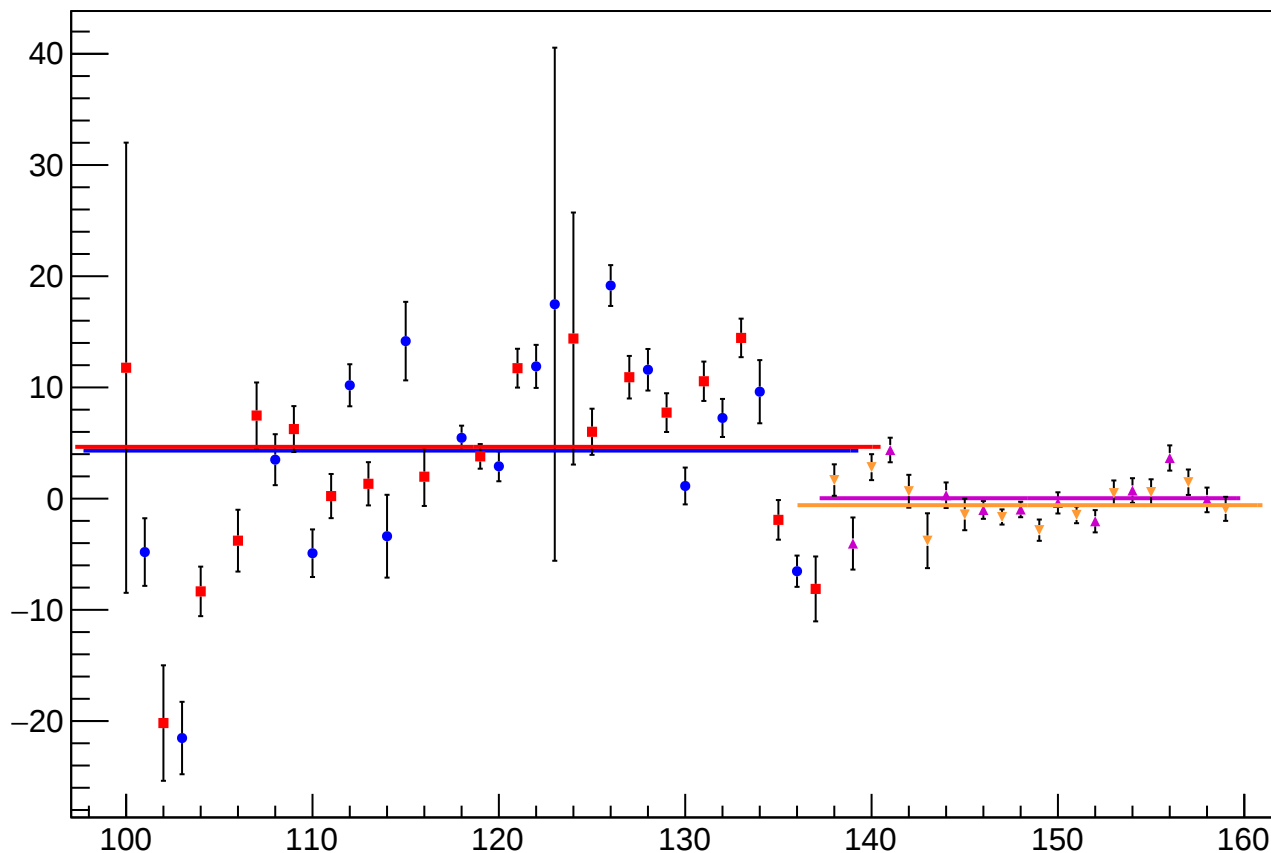
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.344+/-0.464 χ^2/NDF :117.0/9

Out: -13.850+/-0.458 χ^2/NDF :1870.8/11

All: -14.587+/-0.326 χ^2/NDF : 1993.0/21

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: -0.589 ± 0.308 $\chi^2/\text{NDF}: 28.5/11$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.037 ± 0.318 $\chi^2/\text{NDF}: 37.4/9$

Left: -0.286 ± 0.221 $\chi^2/\text{NDF}: 67.8/21$

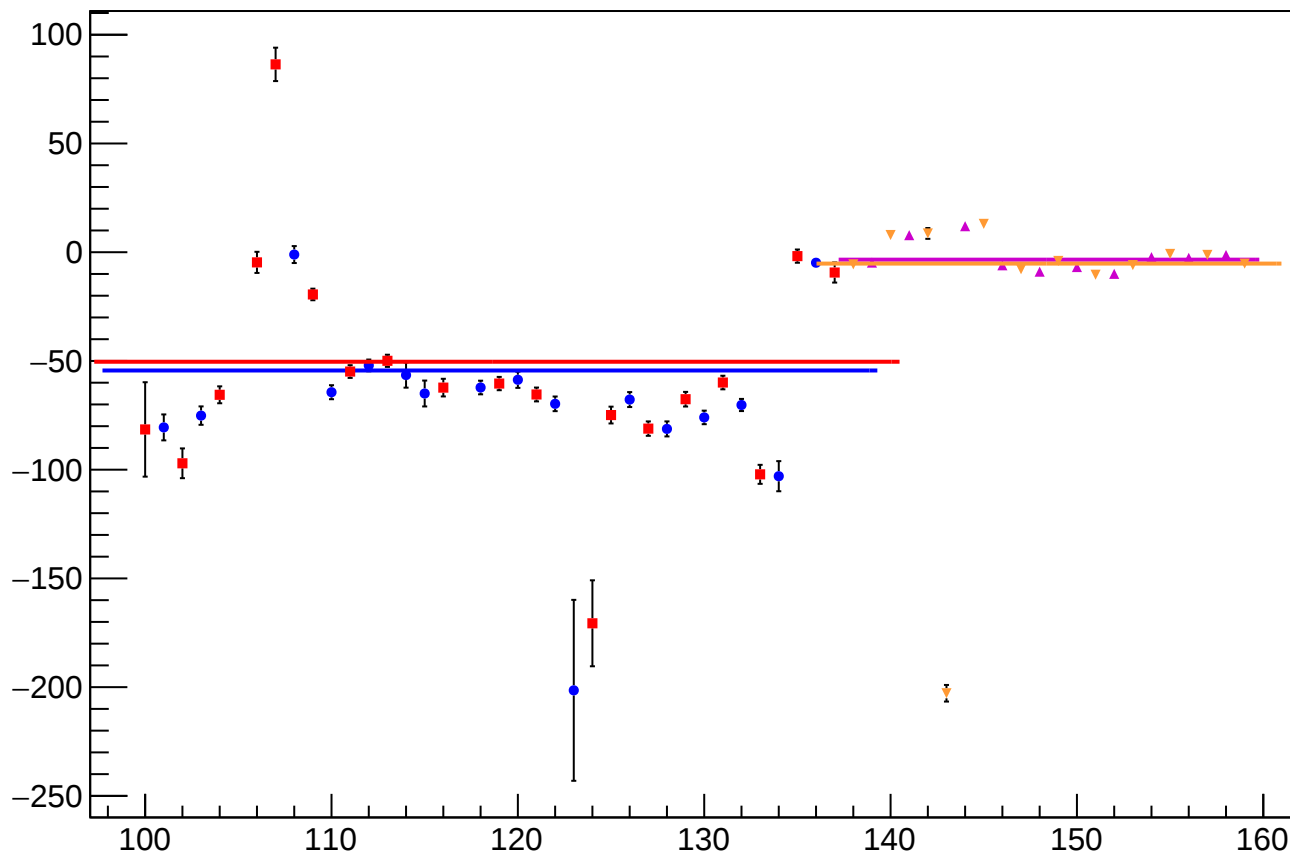
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.401 ± 0.263 $\chi^2/\text{NDF}: 375.5/26$

Out: 0.970 ± 0.258 $\chi^2/\text{NDF}: 299.1/30$

All: 1.182 ± 0.184 $\chi^2/\text{NDF}: 676.0/57$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.231 ± 0.448 $\chi^2/\text{NDF}: 2933.7/11$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.426 ± 0.452 $\chi^2/\text{NDF}: 185.3/9$

Left: -4.338 ± 0.318 $\chi^2/\text{NDF}: 3127.0/21$

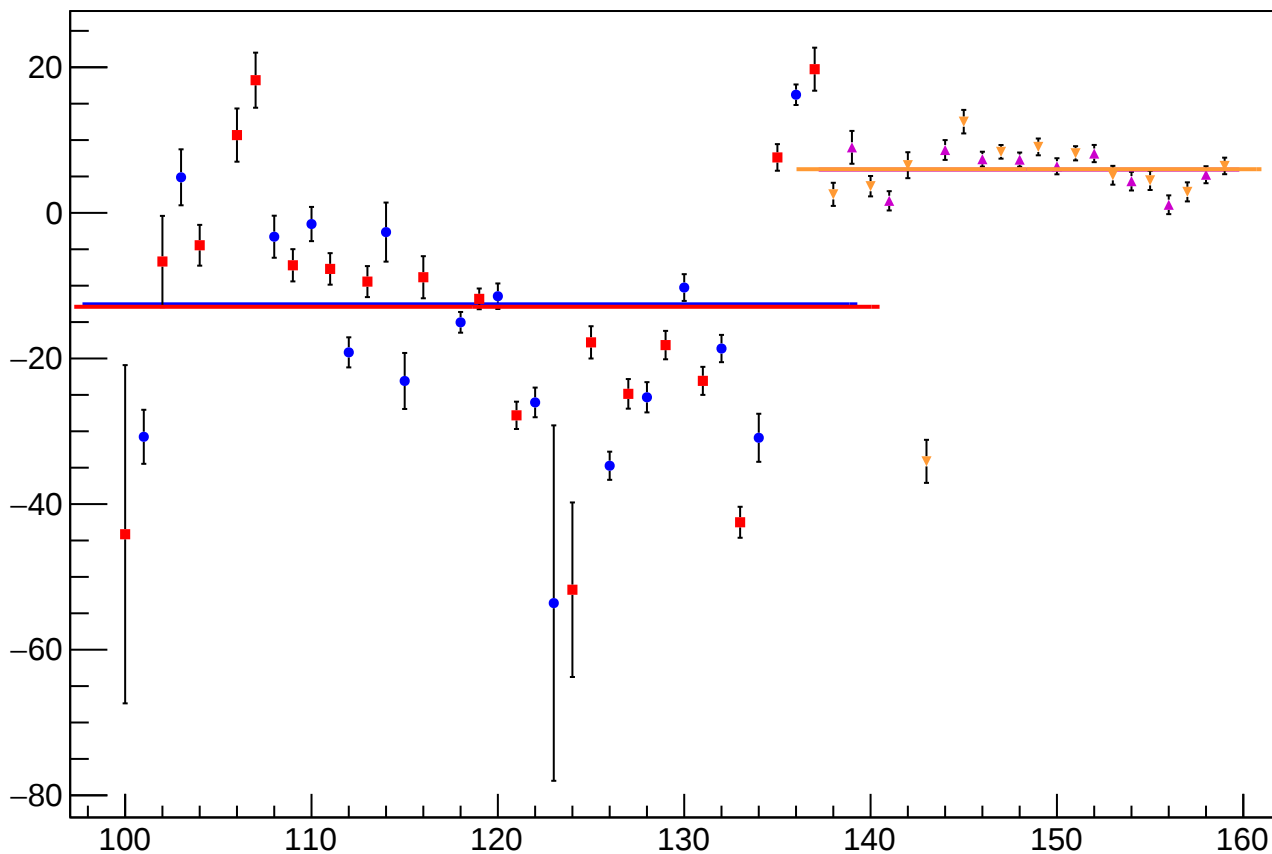
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -14.384 ± 0.401 $\chi^2/\text{NDF}: 3927.2/26$

Out: -14.890 ± 0.397 $\chi^2/\text{NDF}: 6431.8/30$

All: -14.640 ± 0.282 $\chi^2/\text{NDF}: 10359.8/57$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.998 ± 0.373 χ^2/NDF : 234.2/11

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.942 ± 0.384 χ^2/NDF : 39.7/9

Left: 5.971 ± 0.267 χ^2/NDF : 274.0/21

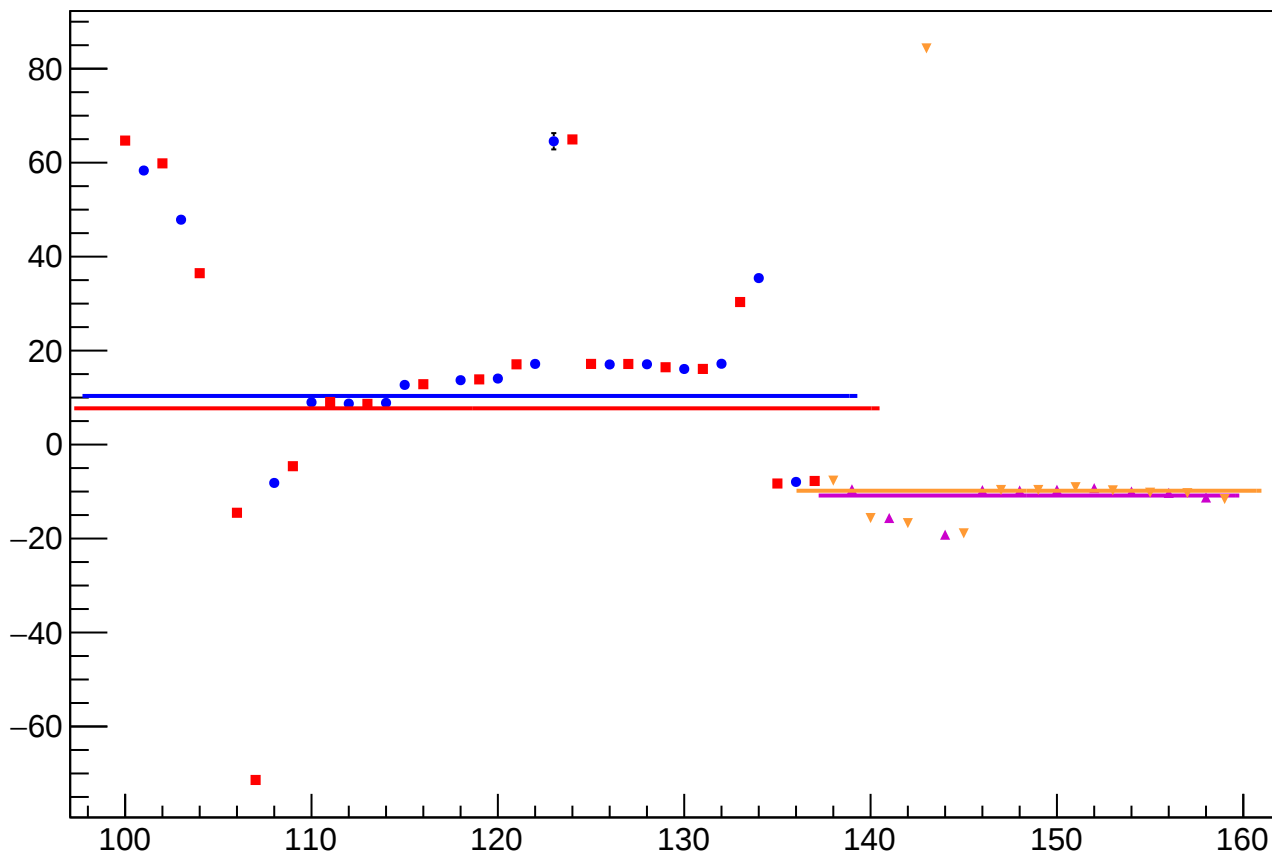
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.397 ± 0.311 χ^2/NDF : 1616.1/26

Out: -0.138 ± 0.307 χ^2/NDF : 1795.3/30

All: -0.266 ± 0.218 χ^2/NDF : 3411.7/57

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.824+/-0.018 χ^2/NDF :408938.8/11

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.845+/-0.018 χ^2/NDF :20896.5/9

Left: -10.331+/-0.012 χ^2/NDF : 431518.8/21

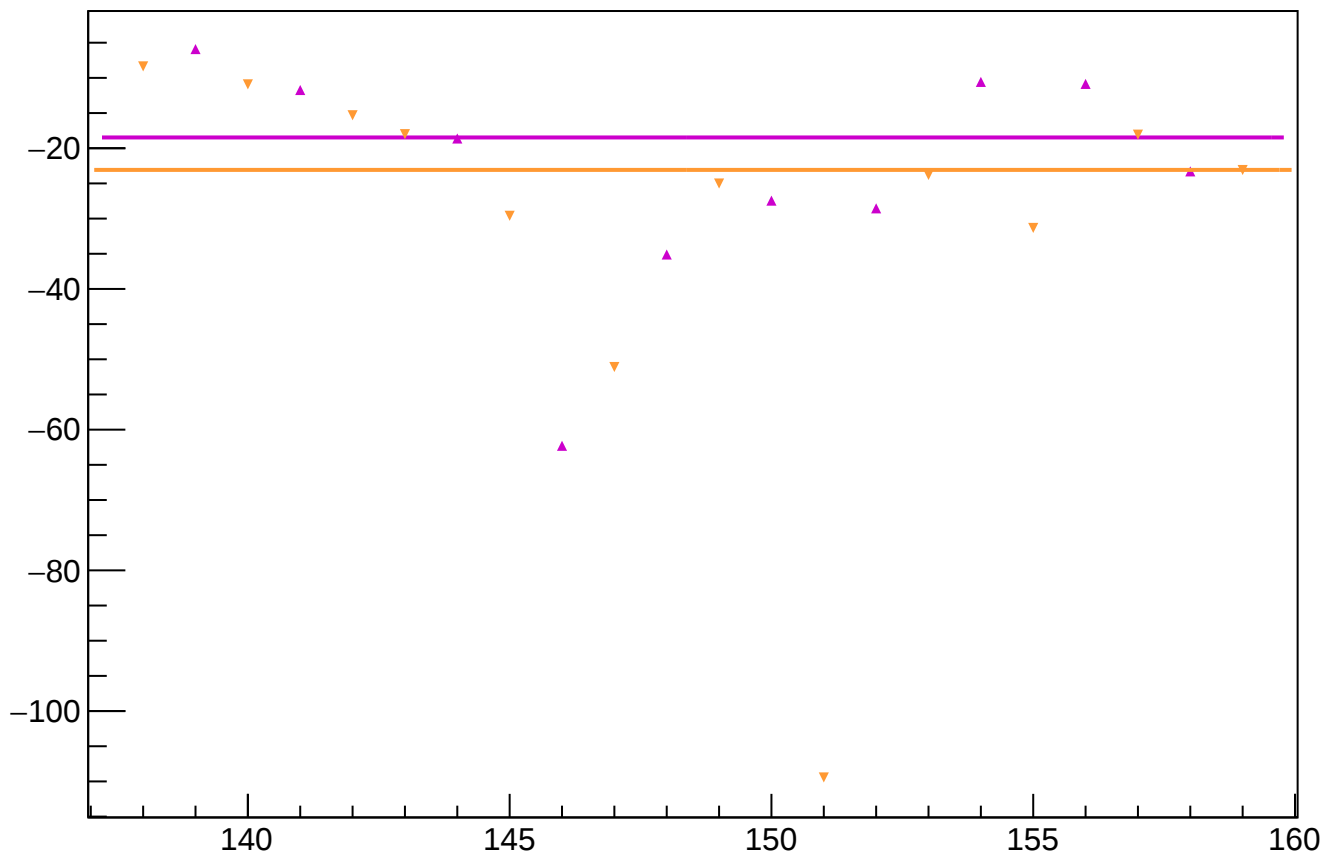
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -5.545+/-0.015 χ^2/NDF :762032.4/26

Out: -5.632+/-0.015 χ^2/NDF :1193492.4/30

All: -5.589+/-0.011 χ^2/NDF : 1955541.0/57

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.079+/-0.076 χ^2/NDF : 50345.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

Left: -20.531+/-0.051 χ^2/NDF : 88922.8/21

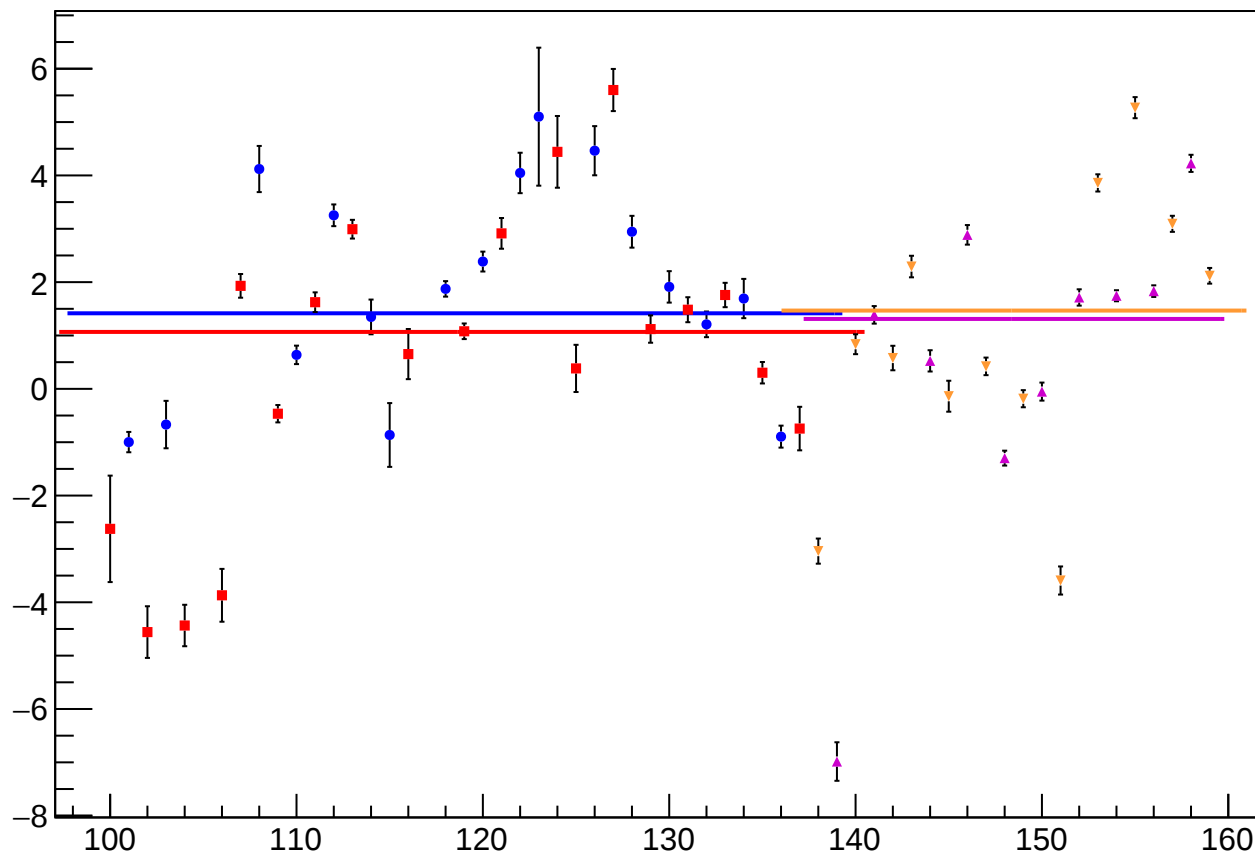
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

Out: -23.079+/-0.076 χ^2/NDF : 50345.2/11

All: -20.531+/-0.051 χ^2/NDF : 88922.8/21

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: 1.467 $\pm$ 0.054 χ^2/NDF :1681.8/11

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 1.310 $\pm$ 0.047 χ^2/NDF :1408.9/9

Left: 1.379 $\pm$ 0.036 χ^2/NDF : 3095.6/21

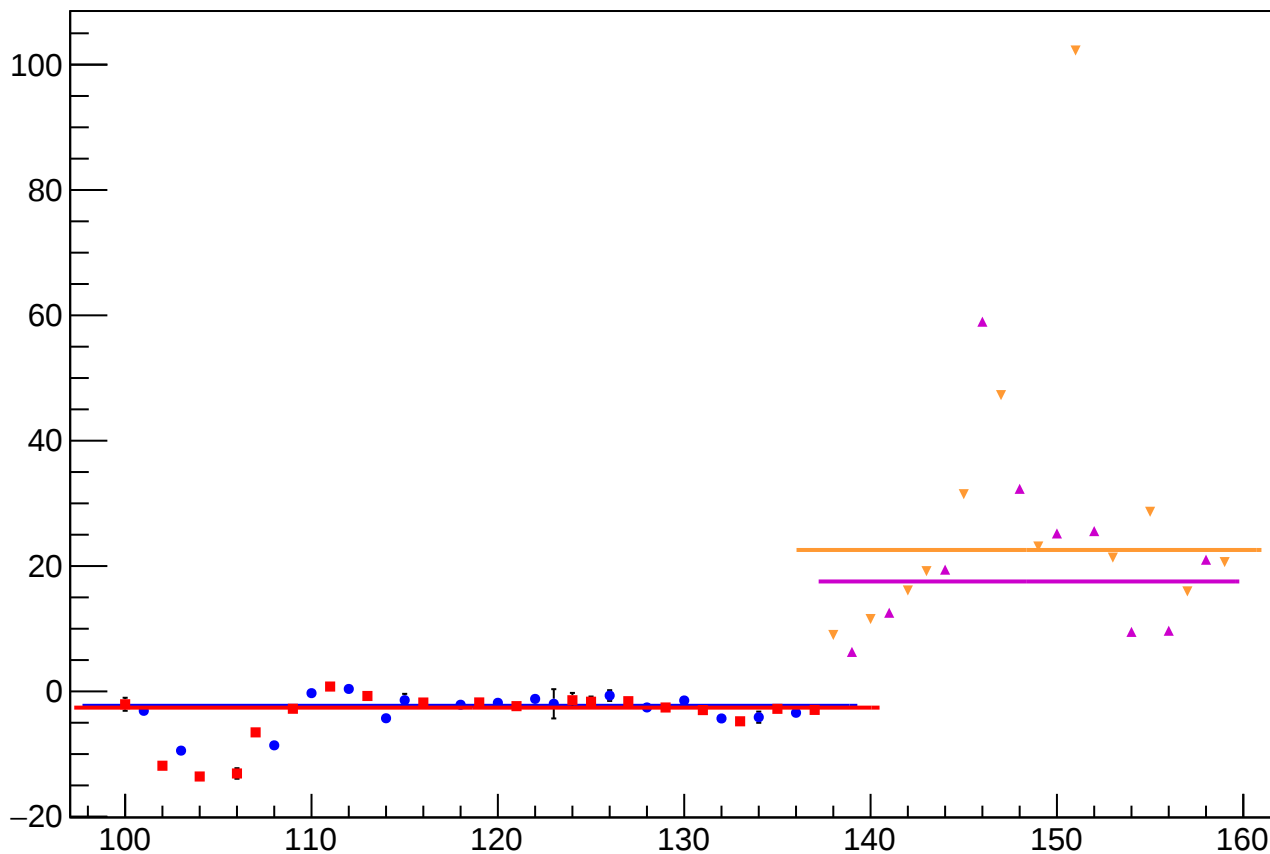
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 1.350 $\pm$ 0.037 χ^2/NDF :2042.0/26

Out: 1.283 $\pm$ 0.039 χ^2/NDF :2637.3/30

All: 1.318 $\pm$ 0.027 χ^2/NDF : 4680.8/57

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.565 ± 0.074 χ^2/NDF : 45561.1/11

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.539 ± 0.065 χ^2/NDF : 34283.9/9

Left: 19.743 ± 0.049 χ^2/NDF : 82430.3/21

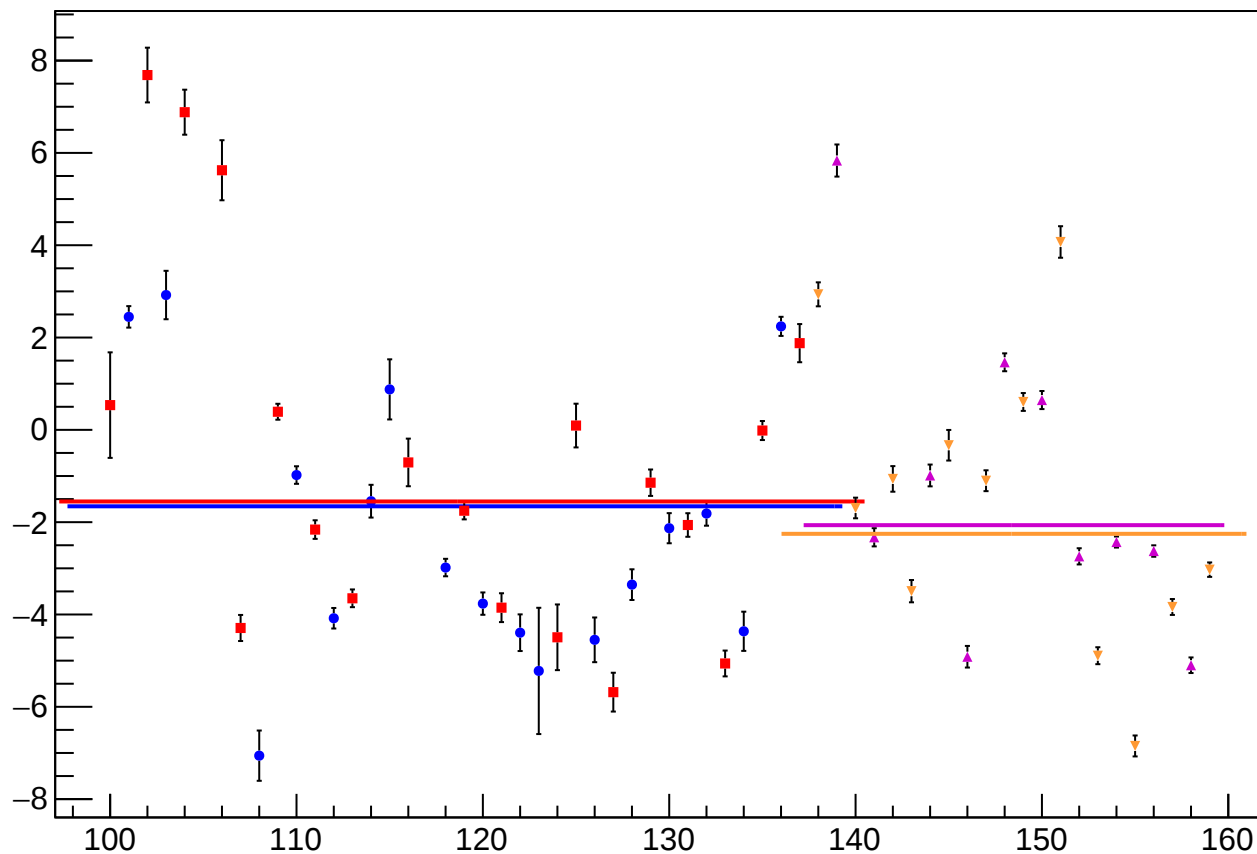
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 12.410 ± 0.056 χ^2/NDF : 58477.3/26

Out: 13.517 ± 0.059 χ^2/NDF : 87936.4/30

All: 12.936 ± 0.041 χ^2/NDF : 146596.8/57

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: -2.252 ± 0.063 χ^2/NDF : 1796.7/11

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.065 ± 0.055 χ^2/NDF : 1576.7/9

Left: -2.147 ± 0.042 χ^2/NDF : 3378.4/21

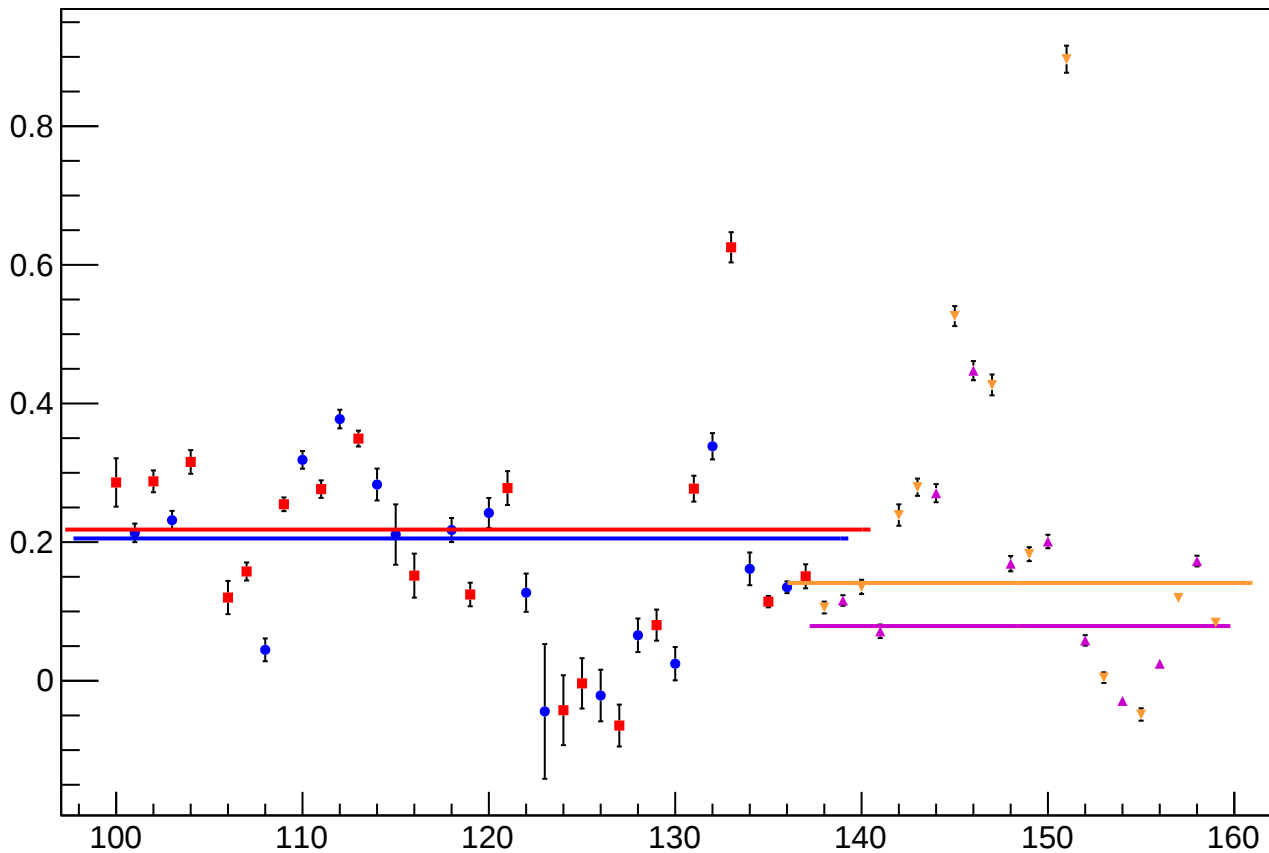
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.909 ± 0.044 χ^2/NDF : 2868.6/26

Out: -1.917 ± 0.045 χ^2/NDF : 3344.2/30

All: -1.912 ± 0.031 χ^2/NDF : 6212.8/57

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.141 $\pm$ 0.003 χ^2 /NDF:3600.7/11

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:1933.4/9

Left: 0.105 $\pm$ 0.002 χ^2 /NDF: 5819.6/21

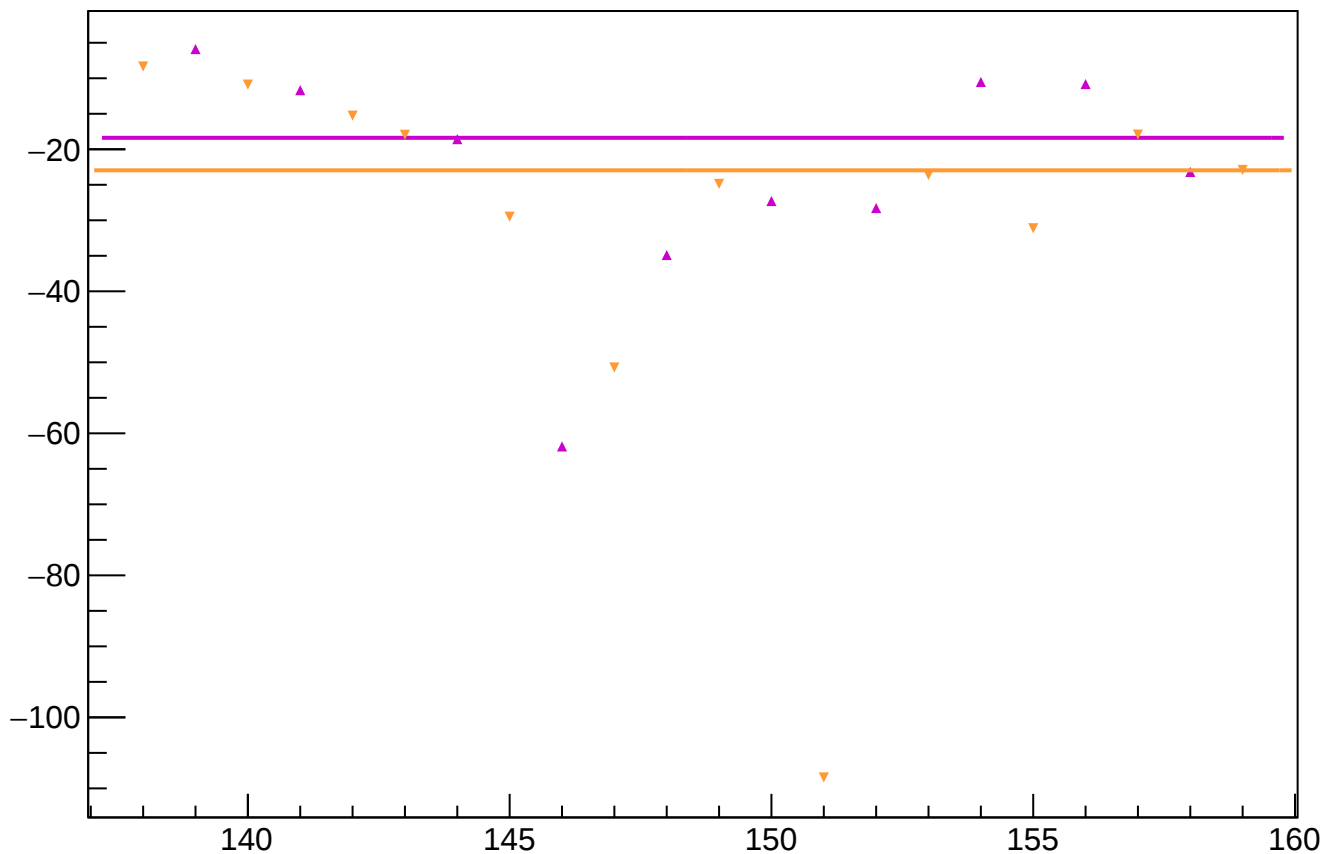
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.110 $\pm$ 0.002 χ^2 /NDF:3254.0/26

Out: 0.169 $\pm$ 0.002 χ^2 /NDF:4899.9/30

All: 0.138 $\pm$ 0.002 χ^2 /NDF: 8530.0/57

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.962+/-0.075 χ^2/NDF :50235.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.385+/-0.068 χ^2/NDF :36445.2/9

Left: -20.433+/-0.050 χ^2/NDF : 88733.4/21

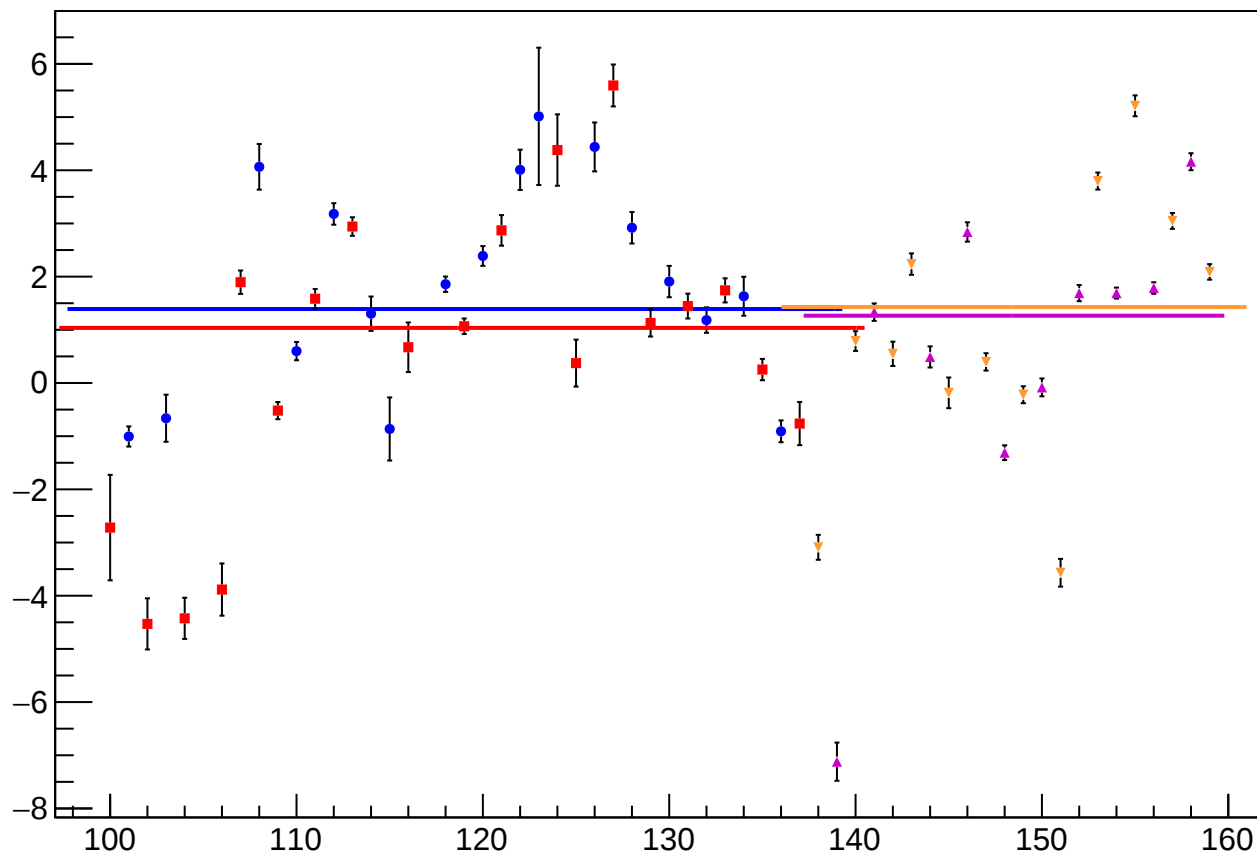
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.385+/-0.068 χ^2/NDF :36445.2/9

Out: -22.962+/-0.075 χ^2/NDF :50235.2/11

All: -20.433+/-0.050 χ^2/NDF : 88733.4/21

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.428 ± 0.053 χ^2/NDF : 1687.4/11

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.266 ± 0.047 χ^2/NDF : 1420.8/9

Left: 1.337 ± 0.035 χ^2/NDF : 3113.4/21

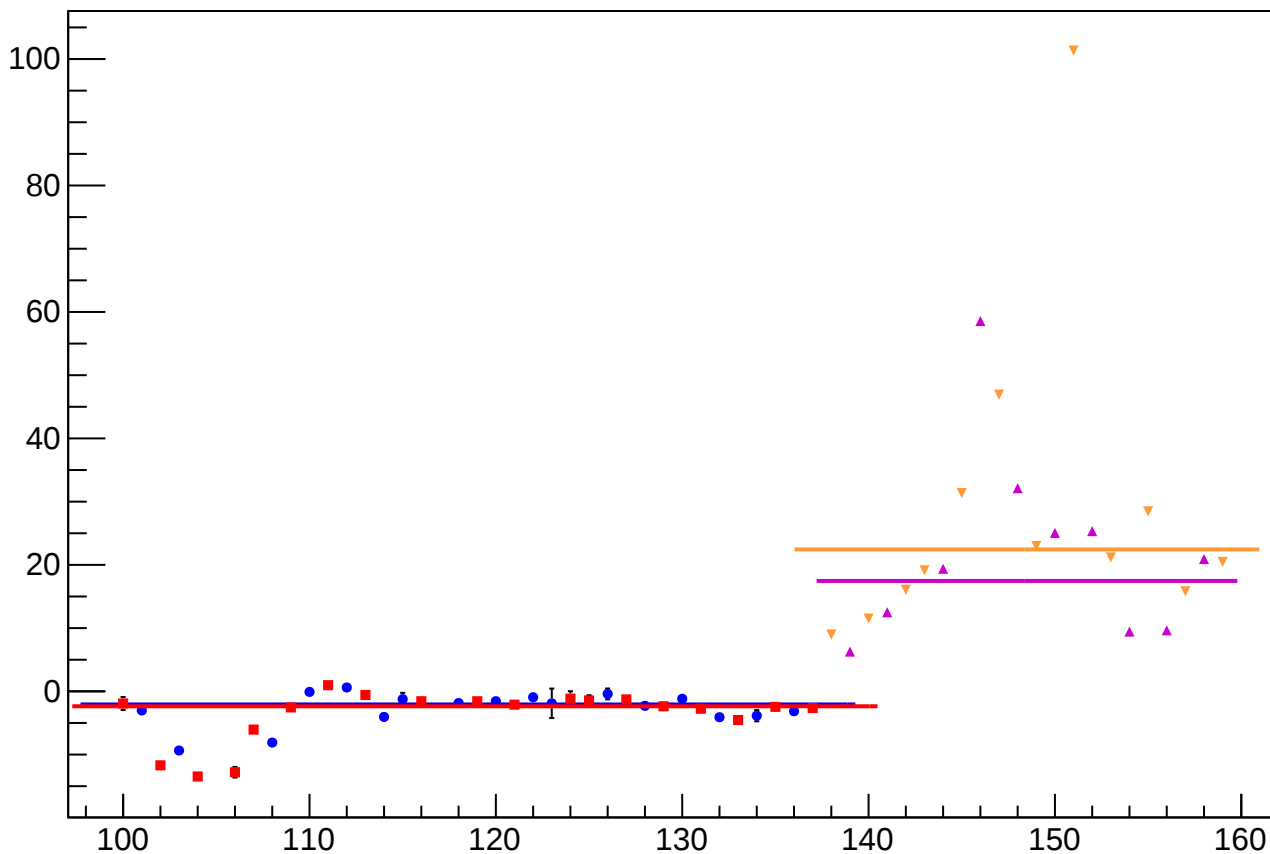
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.312 ± 0.037 χ^2/NDF : 2052.6/26

Out: 1.248 ± 0.039 χ^2/NDF : 2646.4/30

All: 1.282 ± 0.027 χ^2/NDF : 4700.4/57

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.444 ± 0.074 χ^2/NDF : 45483.1/11

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.459 ± 0.065 χ^2/NDF : 34220.7/9

Left: 19.645 ± 0.049 χ^2/NDF : 82279.2/21

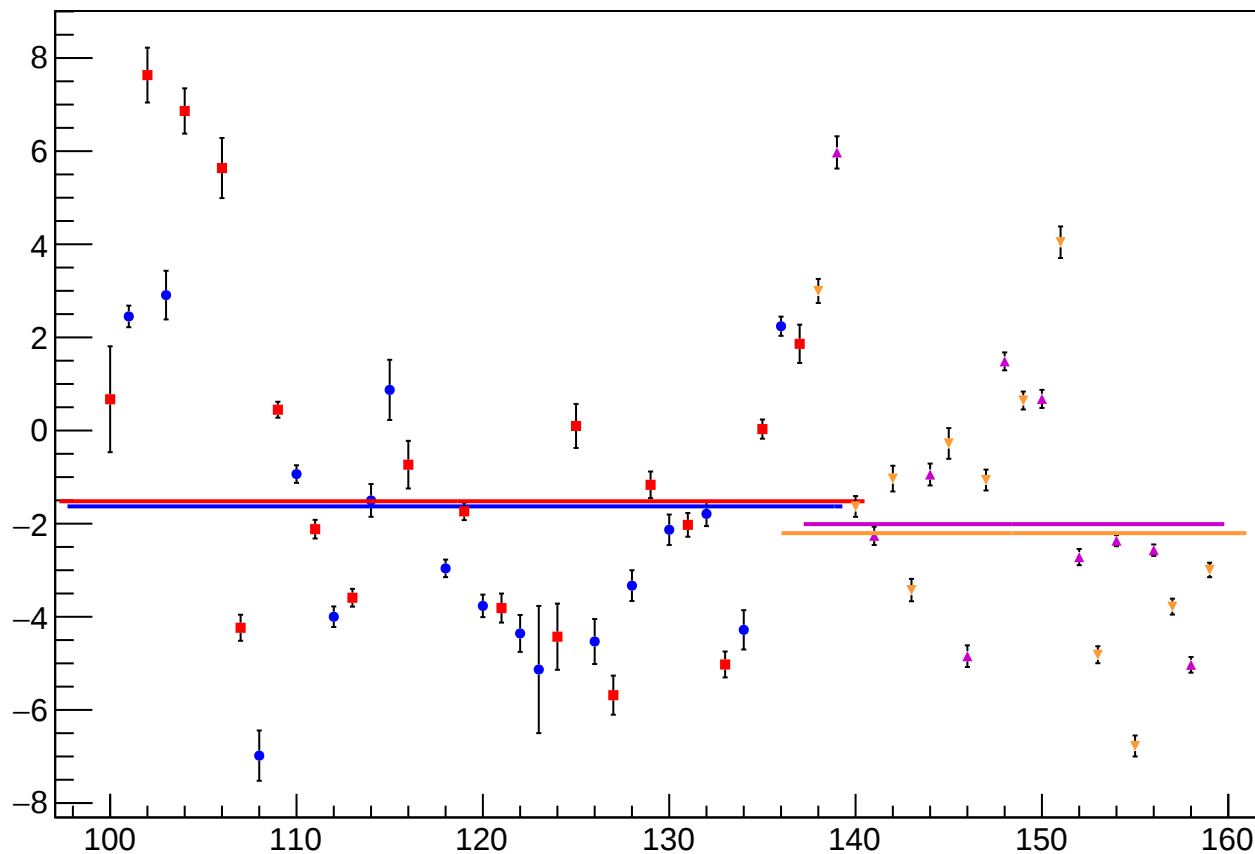
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 12.416 ± 0.056 χ^2/NDF : 57937.3/26

Out: 13.532 ± 0.059 χ^2/NDF : 87183.9/30

All: 12.946 ± 0.041 χ^2/NDF : 145309.7/57

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: -2.204 ± 0.062 χ^2/NDF : 1803.9/11

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.010 ± 0.055 χ^2/NDF : 1592.4/9

Left: -2.095 ± 0.041 χ^2/NDF : 3401.7/21

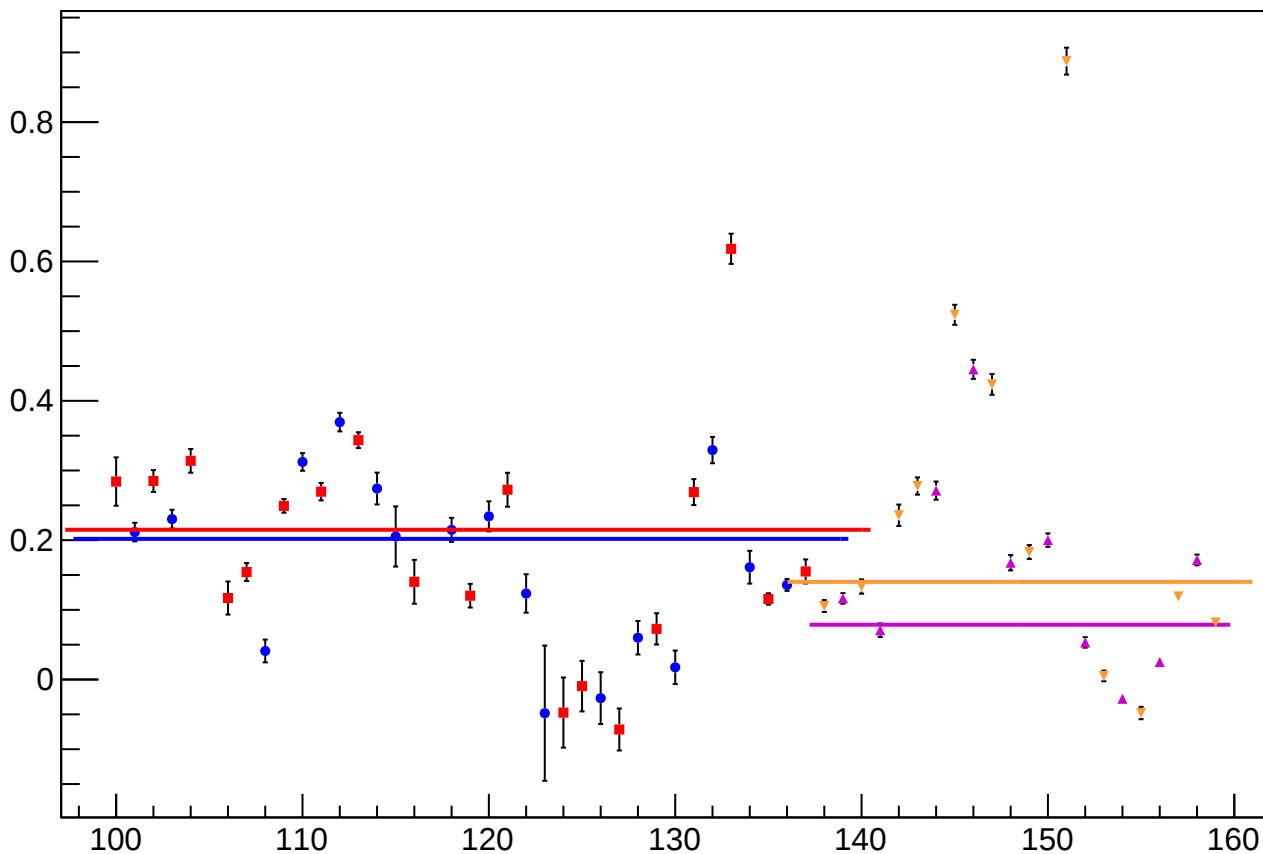
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.865 ± 0.043 χ^2/NDF : 2877.0/26

Out: -1.876 ± 0.045 χ^2/NDF : 3353.2/30

All: -1.870 ± 0.031 χ^2/NDF : 6230.2/57

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.140 ± 0.003 χ^2/NDF : 3594.4/11

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.079 ± 0.002 χ^2/NDF : 1933.1/9

Left: 0.104 ± 0.002 χ^2/NDF : 5810.6/21

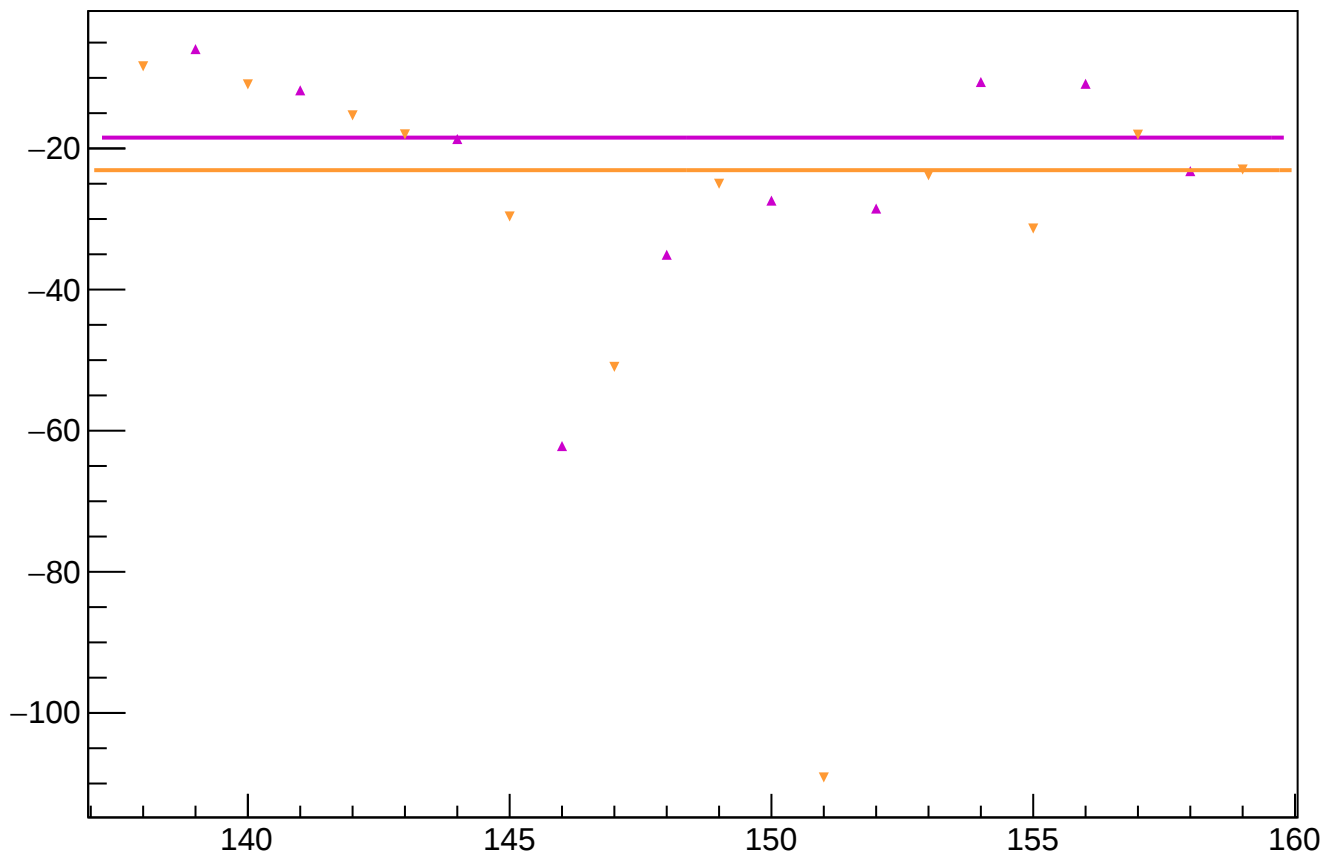
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.109 ± 0.002 χ^2/NDF : 3210.9/26

Out: 0.168 ± 0.002 χ^2/NDF : 4863.2/30

All: 0.136 ± 0.002 χ^2/NDF : 8445.7/57

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.079+/-0.075 χ^2/NDF :50347.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.467+/-0.068 χ^2/NDF :36525.5/9

Left: -20.529+/-0.050 χ^2/NDF : 88940.7/21

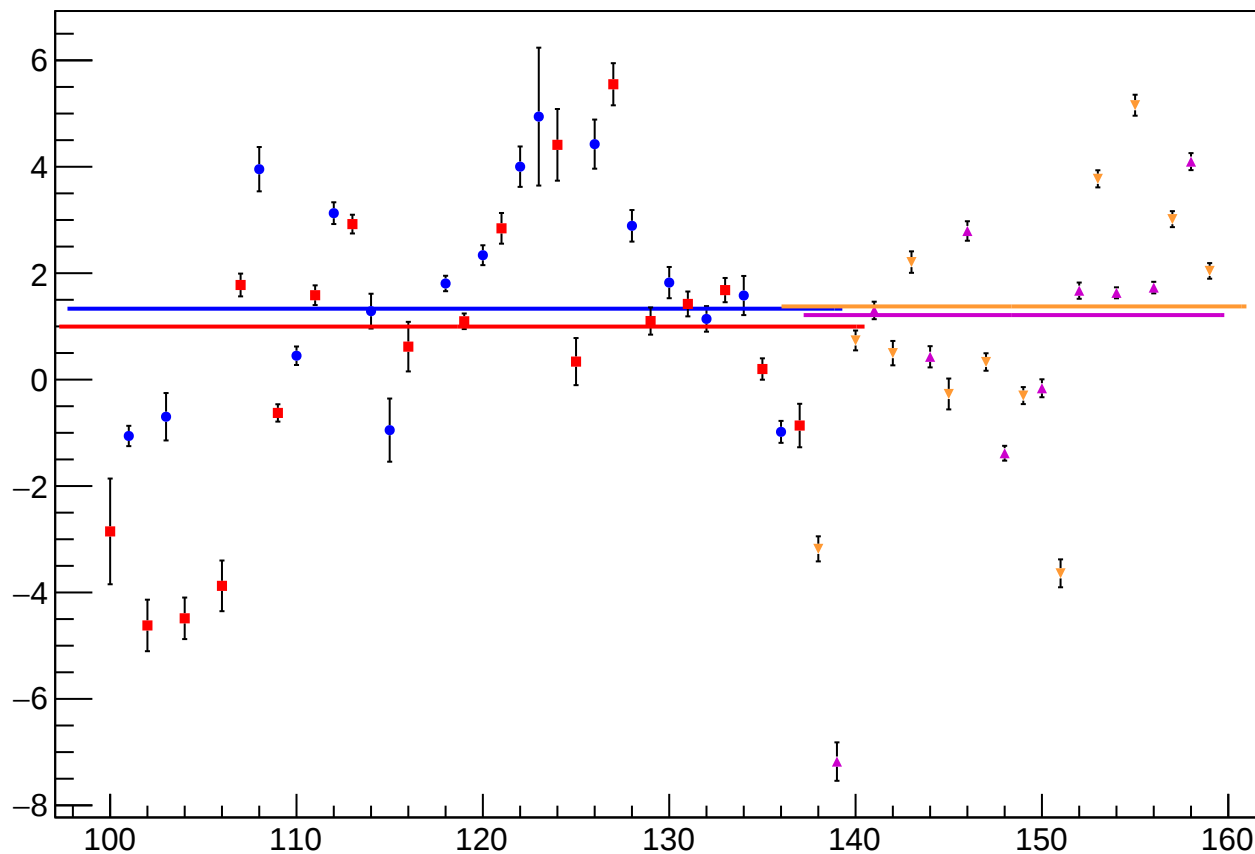
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.467+/-0.068 χ^2/NDF :36525.5/9

Out: -23.079+/-0.075 χ^2/NDF :50347.3/11

All: -20.529+/-0.050 χ^2/NDF : 88940.7/21

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: 1.375 $\pm$ 0.054 χ^2/NDF :1695.2/11

Right Out: 0.997 $\pm$ 0.058 χ^2/NDF : 945.3/18

Left In: 1.213 $\pm$ 0.047 χ^2/NDF :1418.1/9

Left: 1.284 $\pm$ 0.035 χ^2/NDF : 3118.4/21

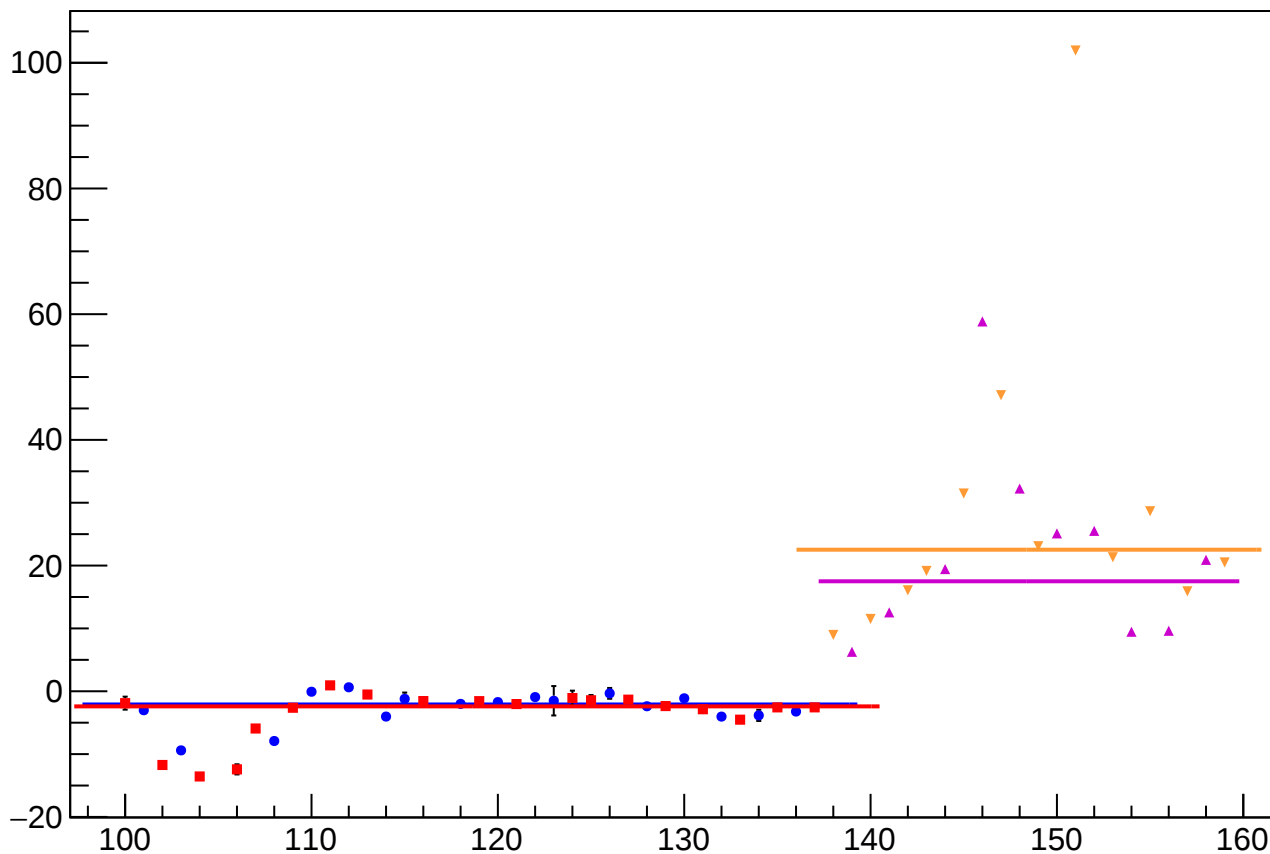
Right: 1.156 $\pm$ 0.042 χ^2/NDF : 1595.8/35

In: 1.258 $\pm$ 0.037 χ^2/NDF :2055.0/26

Out: 1.201 $\pm$ 0.039 χ^2/NDF :2663.5/30

All: 1.231 $\pm$ 0.027 χ^2/NDF : 4719.7/57

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: 22.526+/-0.074 χ^2/NDF :45579.0/11

Right Out: -2.405+/-0.099 χ^2/NDF : 887.1/18

Left In: 17.499+/-0.065 χ^2/NDF :34312.0/9

Left: 19.702+/-0.049 χ^2/NDF : 82488.7/21

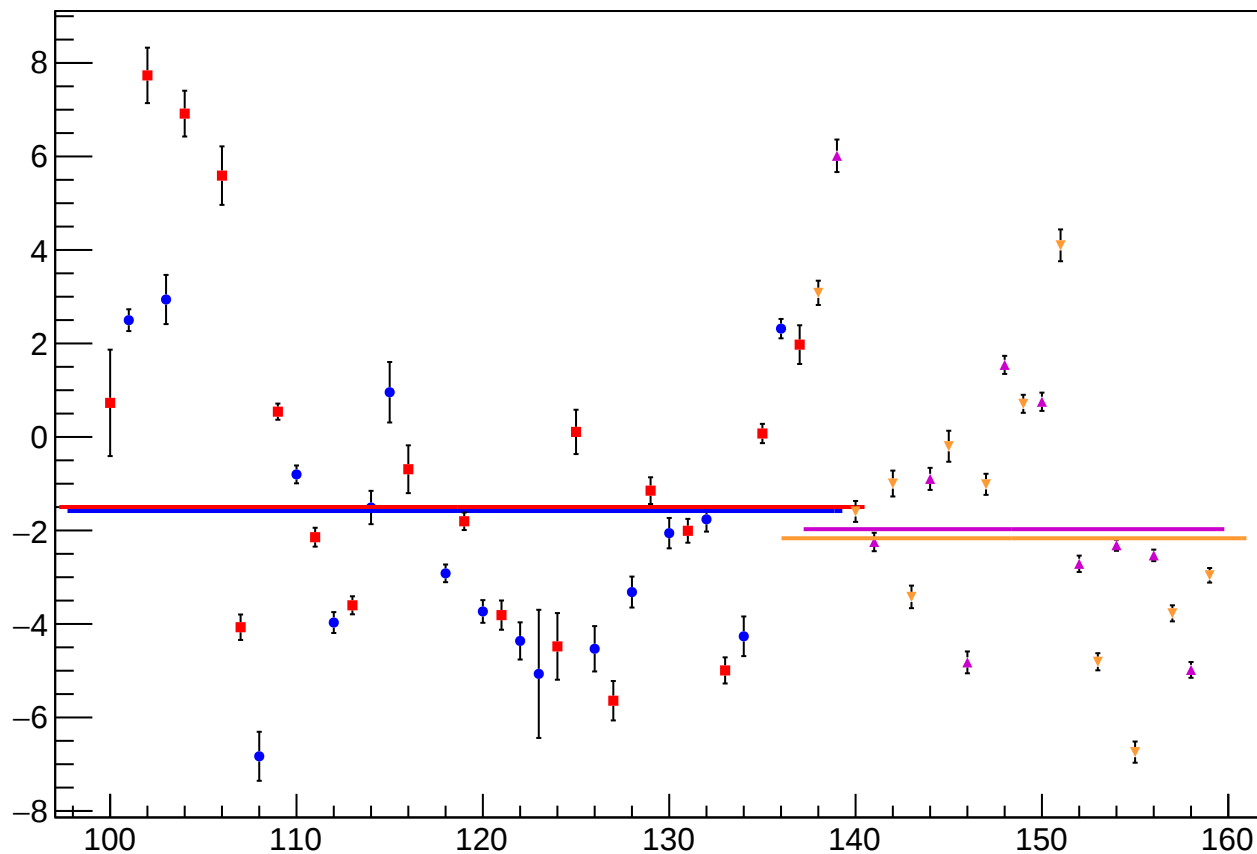
Right: -2.272+/-0.074 χ^2/NDF : 1331.5/35

In: 12.452+/-0.056 χ^2/NDF :57962.9/26

Out: 13.575+/-0.059 χ^2/NDF :87298.2/30

All: 12.985+/-0.041 χ^2/NDF : 145450.1/57

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: -2.167 ± 0.063 χ^2/NDF : 1812.5/11

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.972 ± 0.055 χ^2/NDF : 1590.8/9

Left: -2.057 ± 0.041 χ^2/NDF : 3408.7/21

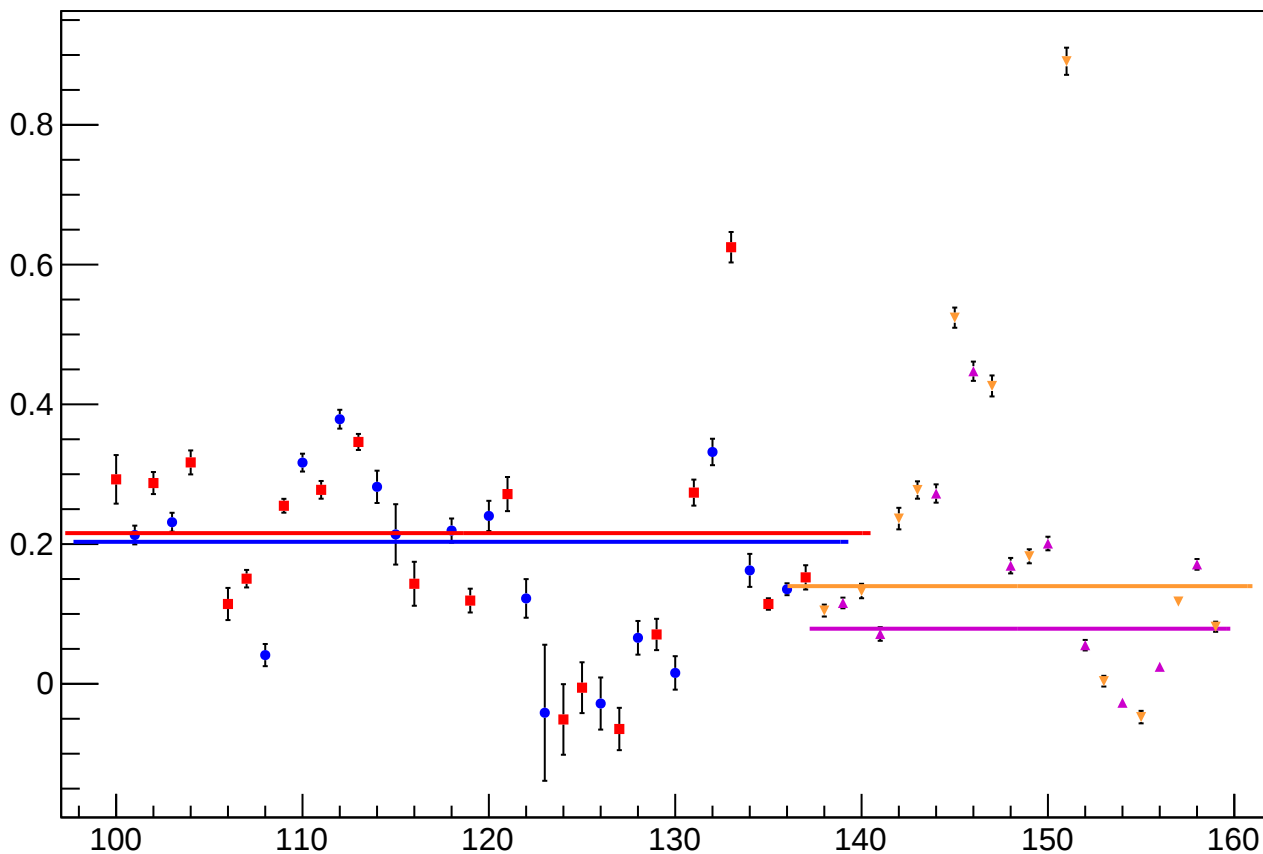
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.824 ± 0.043 χ^2/NDF : 2881.7/26

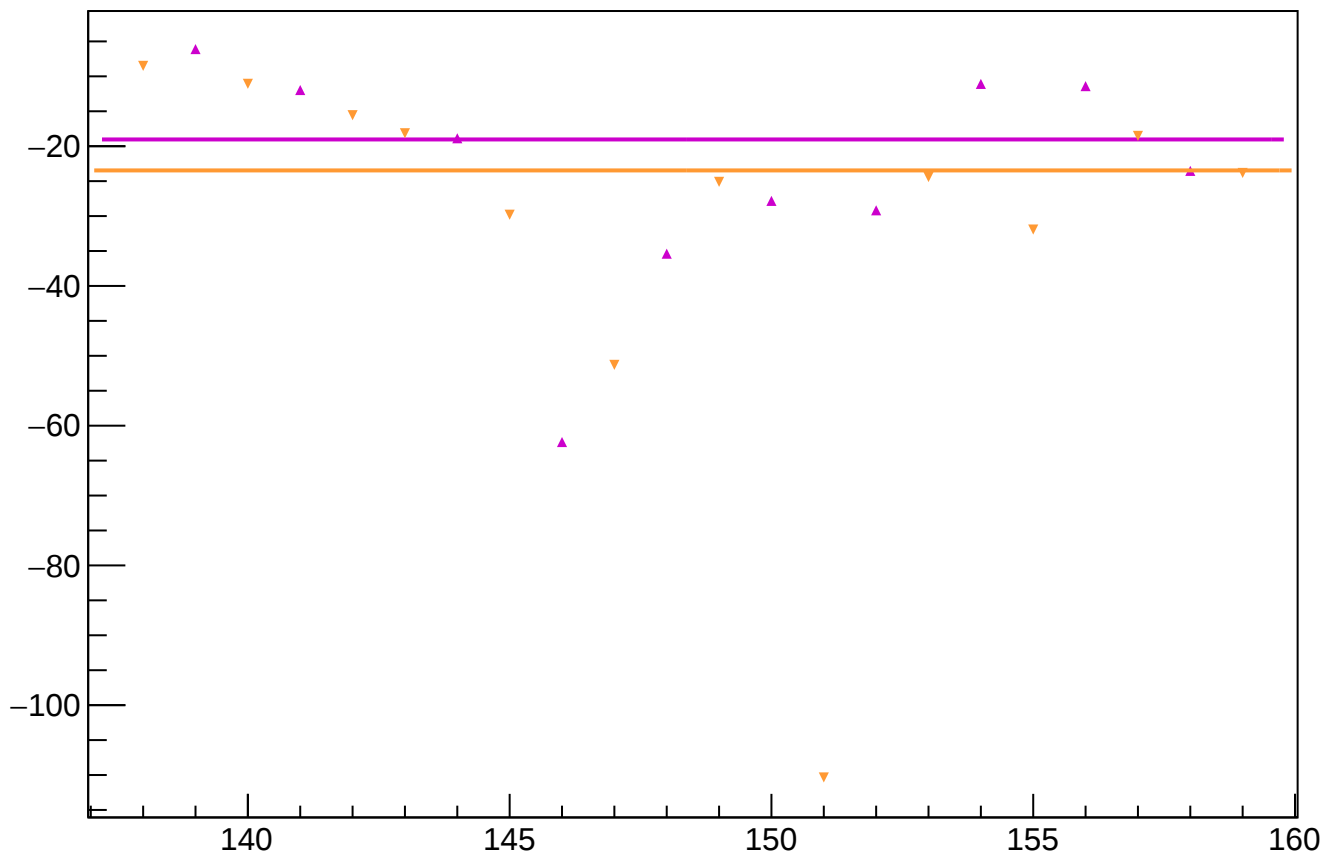
Out: -1.847 ± 0.045 χ^2/NDF : 3370.6/30

All: -1.835 ± 0.031 χ^2/NDF : 6252.4/57

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.466+/-0.077 χ^2/NDF :50203.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.033+/-0.069 χ^2/NDF :35482.1/9

Left: -21.031+/-0.051 χ^2/NDF : 87523.6/21

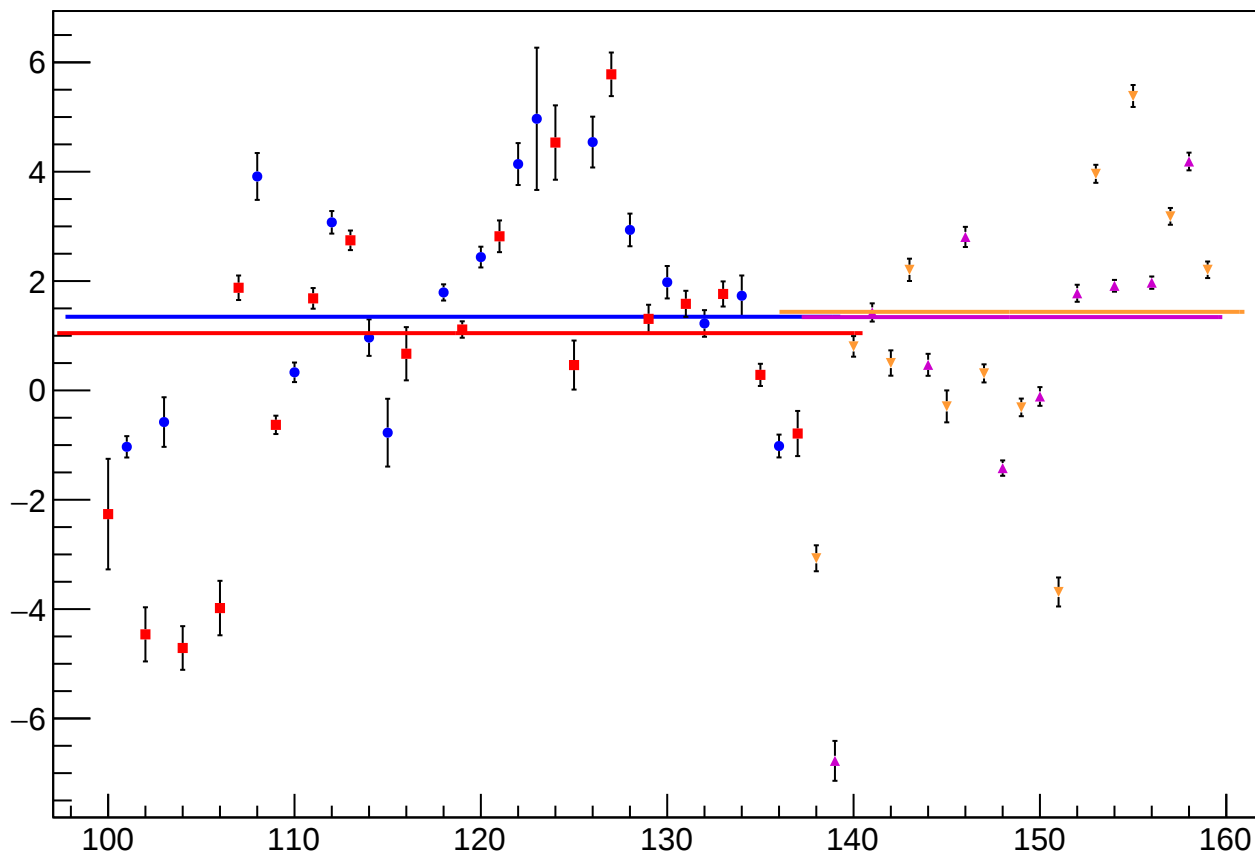
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.033+/-0.069 χ^2/NDF :35482.1/9

Out: -23.466+/-0.077 χ^2/NDF :50203.3/11

All: -21.031+/-0.051 χ^2/NDF : 87523.6/21

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: 1.437 ± 0.054 χ^2/NDF : 1749.6/11

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.341 ± 0.048 χ^2/NDF : 1411.0/9

Left: 1.383 ± 0.036 χ^2/NDF : 3162.3/21

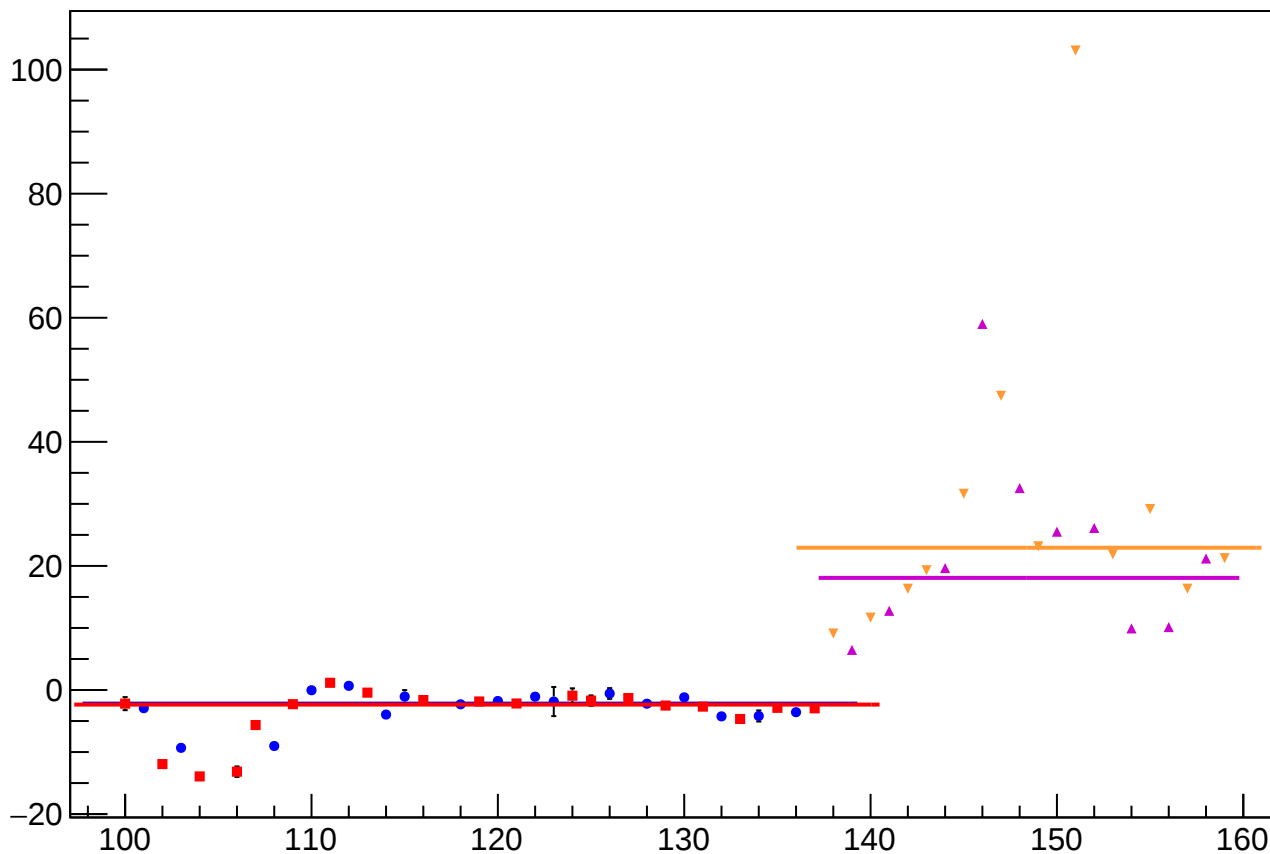
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.343 ± 0.038 χ^2/NDF : 2041.1/26

Out: 1.258 ± 0.040 χ^2/NDF : 2689.1/30

All: 1.303 ± 0.028 χ^2/NDF : 4732.6/57

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: 22.935 ± 0.075 $\chi^2/\text{NDF}: 45316.4/11$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 18.073 ± 0.067 $\chi^2/\text{NDF}: 33173.5/9$

Left: 20.221 ± 0.050 $\chi^2/\text{NDF}: 80825.4/21$

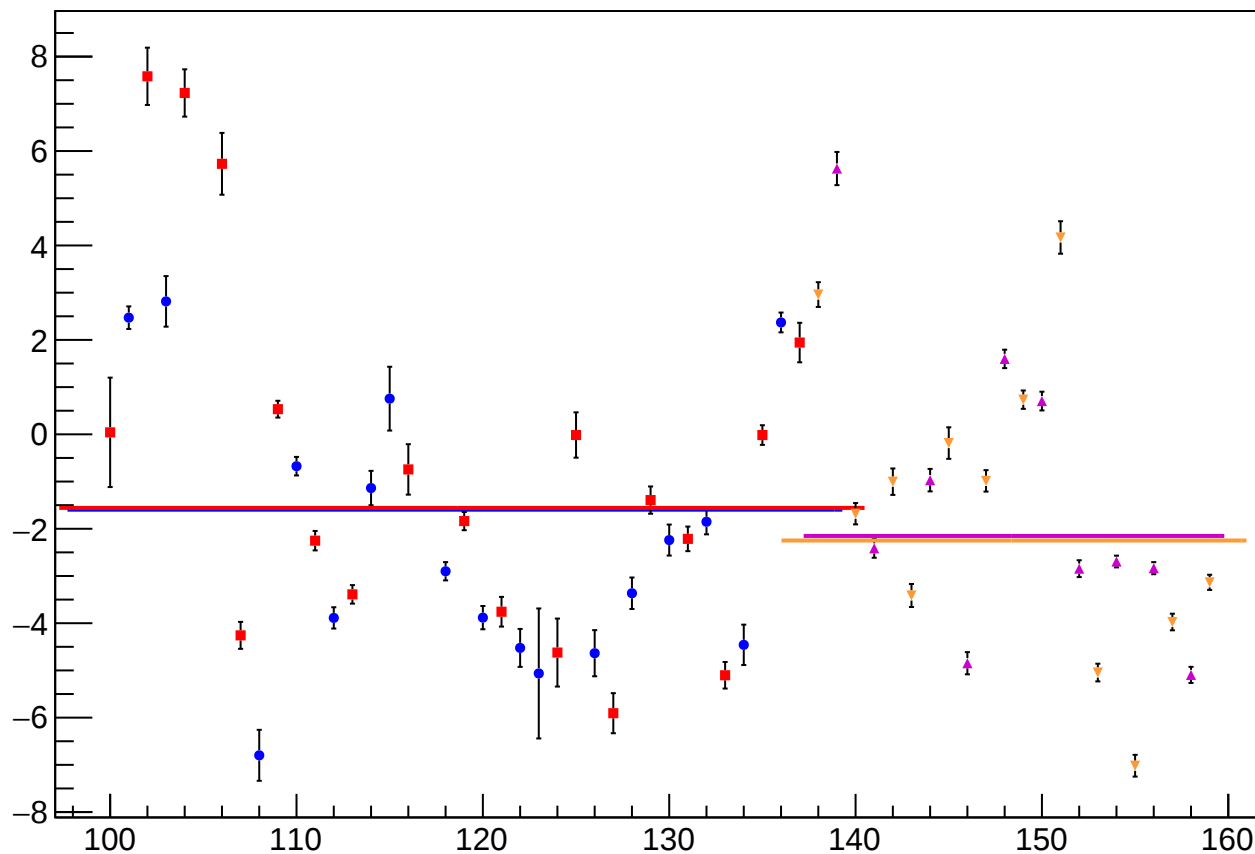
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 12.805 ± 0.058 $\chi^2/\text{NDF}: 57506.0/26$

Out: 13.909 ± 0.060 $\chi^2/\text{NDF}: 86618.9/30$

All: 13.331 ± 0.042 $\chi^2/\text{NDF}: 144300.3/57$

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: -2.248 ± 0.064 χ^2/NDF : 1873.5/11

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.152 ± 0.057 χ^2/NDF : 1584.6/9

Left: -2.194 ± 0.042 χ^2/NDF : 3459.3/21

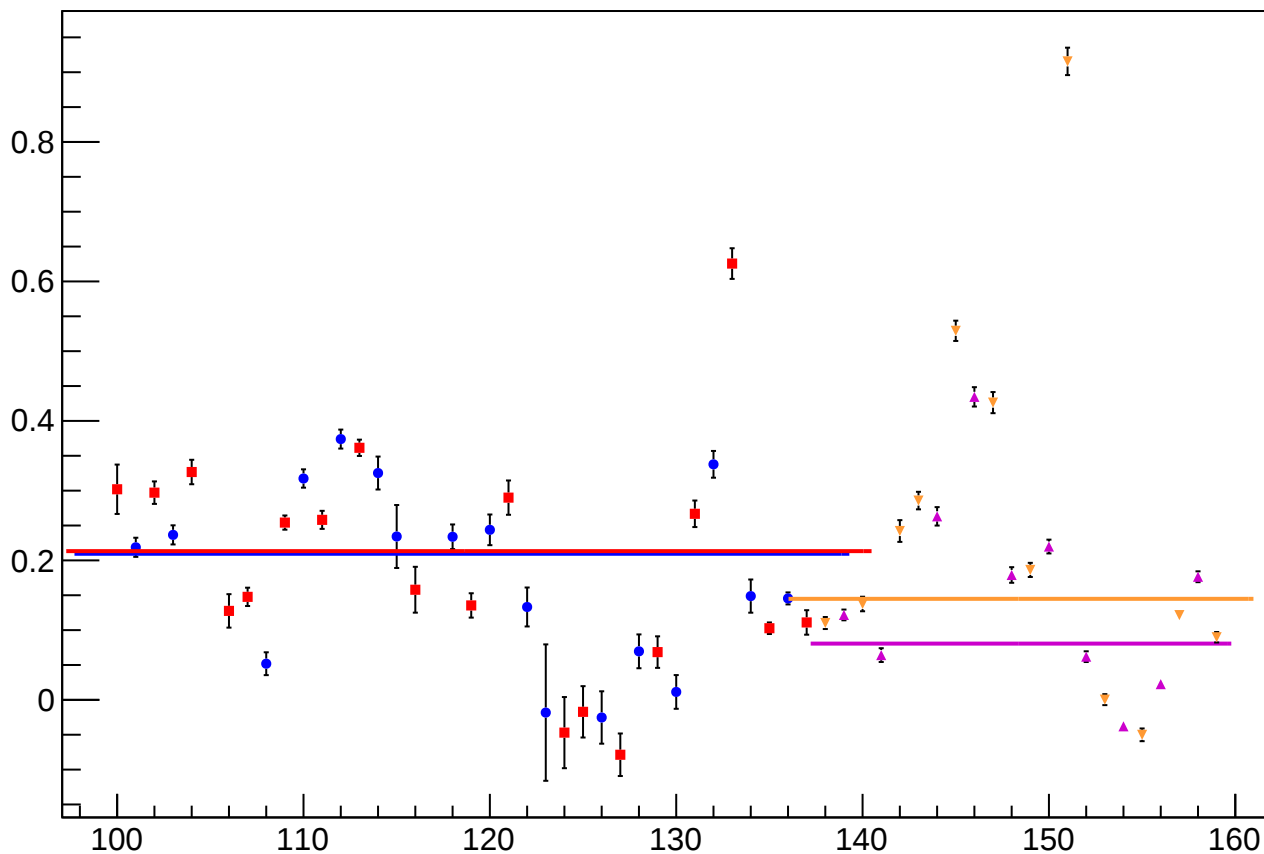
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.938 ± 0.044 χ^2/NDF : 2877.1/26

Out: -1.919 ± 0.046 χ^2/NDF : 3393.0/30

All: -1.929 ± 0.032 χ^2/NDF : 6270.2/57

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: 0.145 $\pm$ 0.003 χ^2 /NDF:3638.7/11

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.081 $\pm$ 0.002 χ^2 /NDF:1978.6/9

Left: 0.108 $\pm$ 0.002 χ^2 /NDF: 5910.3/21

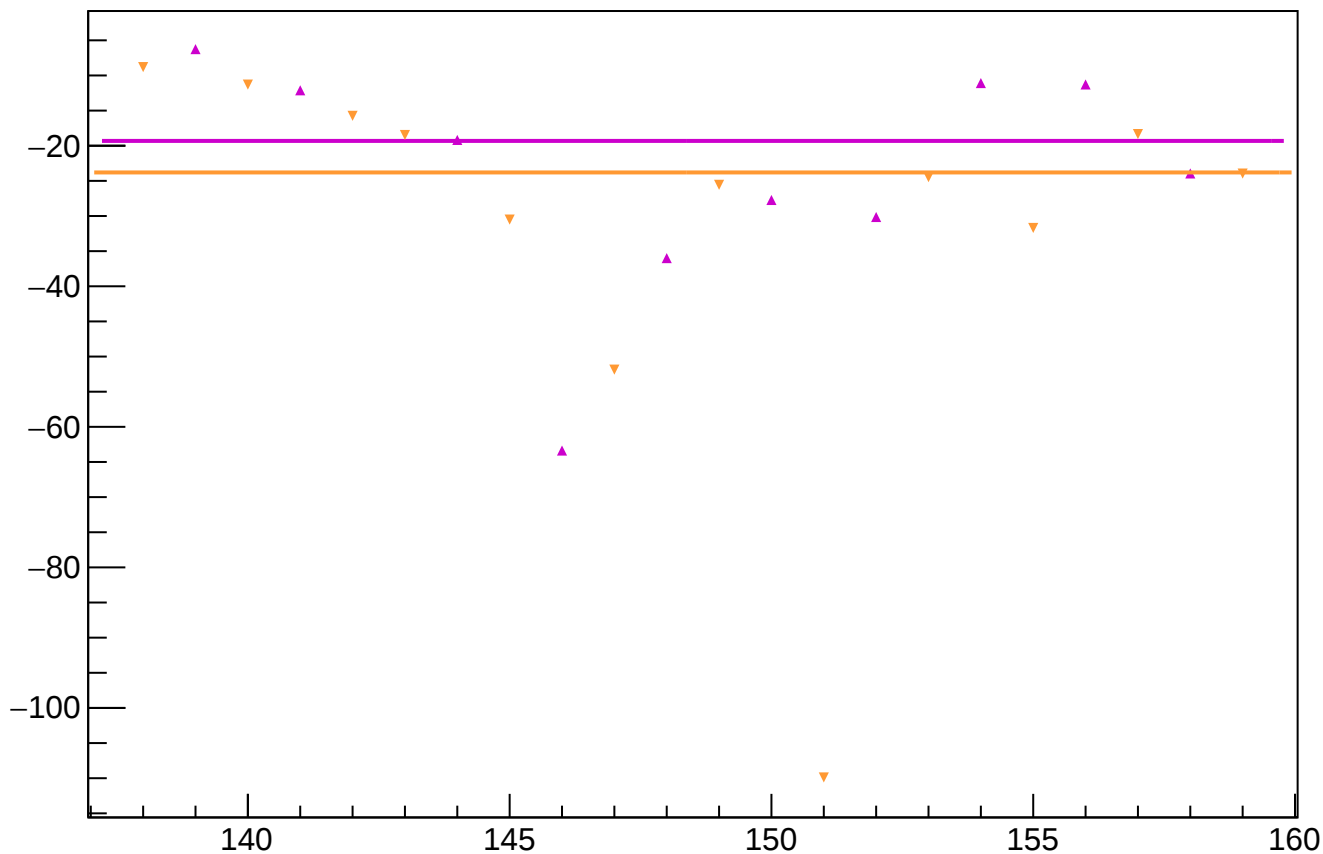
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.113 $\pm$ 0.002 χ^2 /NDF:3278.8/26

Out: 0.170 $\pm$ 0.002 χ^2 /NDF:4952.5/30

All: 0.139 $\pm$ 0.002 χ^2 /NDF: 8567.6/57

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -23.801 $\pm$ 0.078 χ^2/NDF :49496.2/11

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -19.313 $\pm$ 0.071 χ^2/NDF :35765.2/9

Left: -21.345 $\pm$ 0.052 χ^2/NDF : 87088.1/21

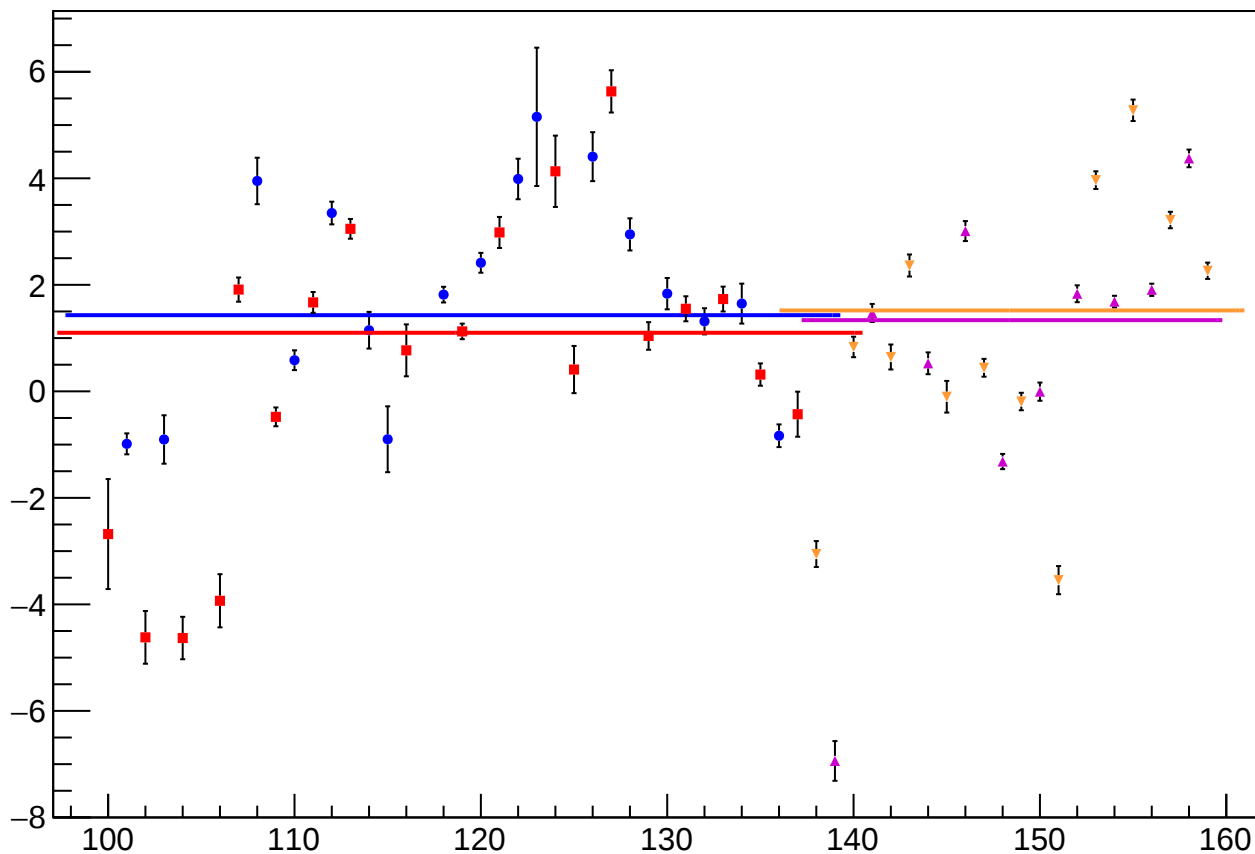
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -19.313 $\pm$ 0.071 χ^2/NDF :35765.2/9

Out: -23.801 $\pm$ 0.078 χ^2/NDF :49496.2/11

All: -21.345 $\pm$ 0.052 χ^2/NDF : 87088.1/21

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 1.519 ± 0.055 $\chi^2/\text{NDF}: 1653.2/11$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 1.336 ± 0.049 $\chi^2/\text{NDF}: 1374.1/9$

Left: 1.418 ± 0.037 $\chi^2/\text{NDF}: 3033.4/21$

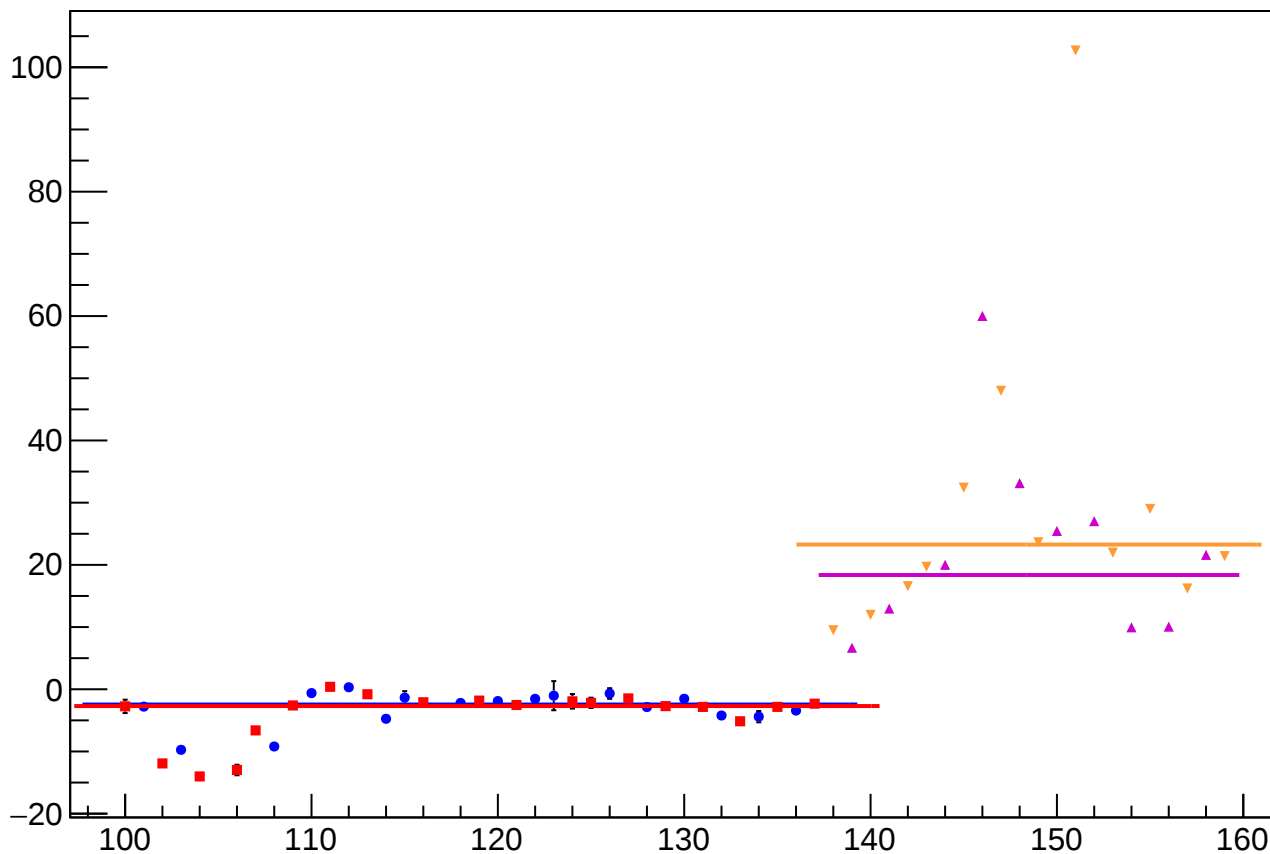
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 1.372 ± 0.039 $\chi^2/\text{NDF}: 1973.5/26$

Out: 1.327 ± 0.041 $\chi^2/\text{NDF}: 2580.8/30$

All: 1.351 ± 0.028 $\chi^2/\text{NDF}: 4555.0/57$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 23.261 ± 0.076 χ^2/NDF : 44800.8/11

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.370 ± 0.068 χ^2/NDF : 33469.0/9

Left: 20.544 ± 0.051 χ^2/NDF : 80563.9/21

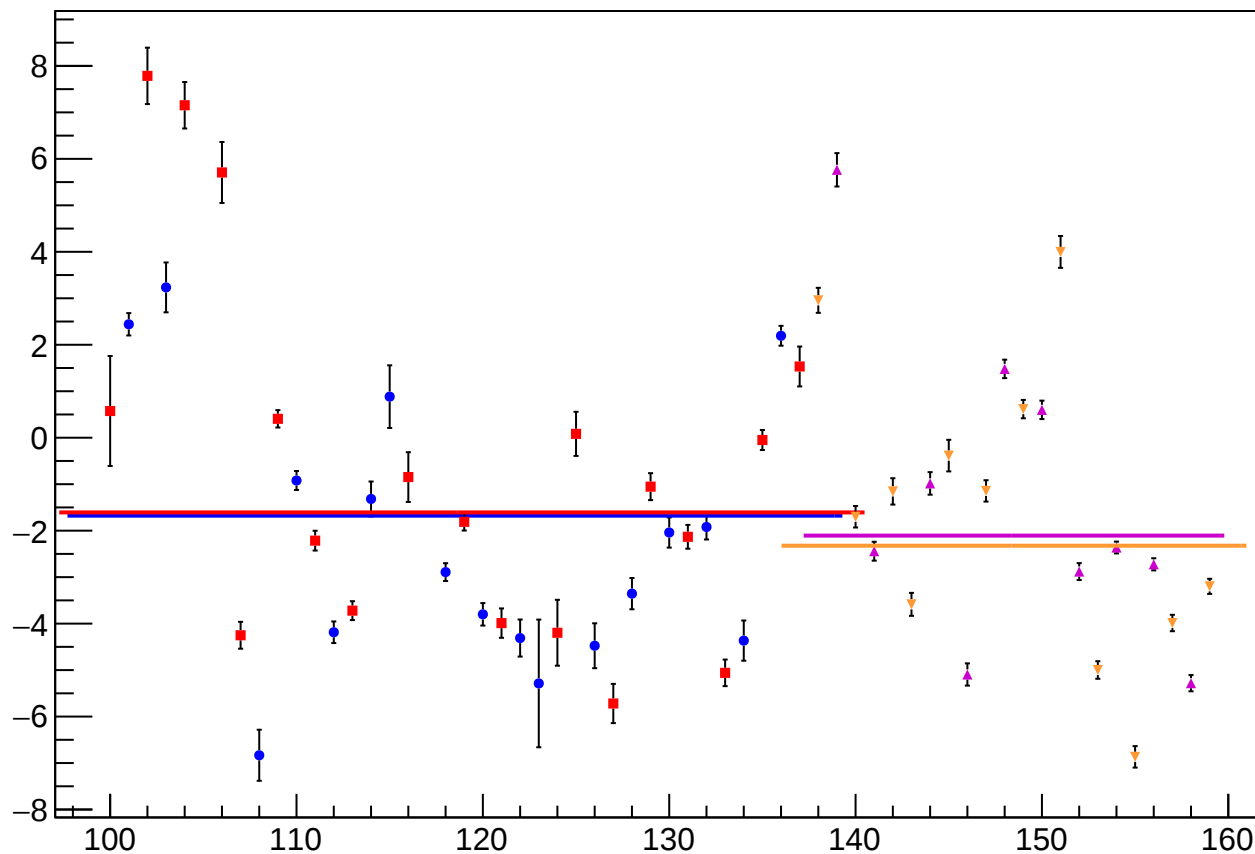
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 12.934 ± 0.059 χ^2/NDF : 58310.8/26

Out: 14.101 ± 0.061 χ^2/NDF : 86676.7/30

All: 13.492 ± 0.042 χ^2/NDF : 145177.4/57

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: -2.324 ± 0.065 χ^2/NDF : 1760.3/11

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.106 ± 0.058 χ^2/NDF : 1547.8/9

Left: -2.202 ± 0.043 χ^2/NDF : 3314.4/21

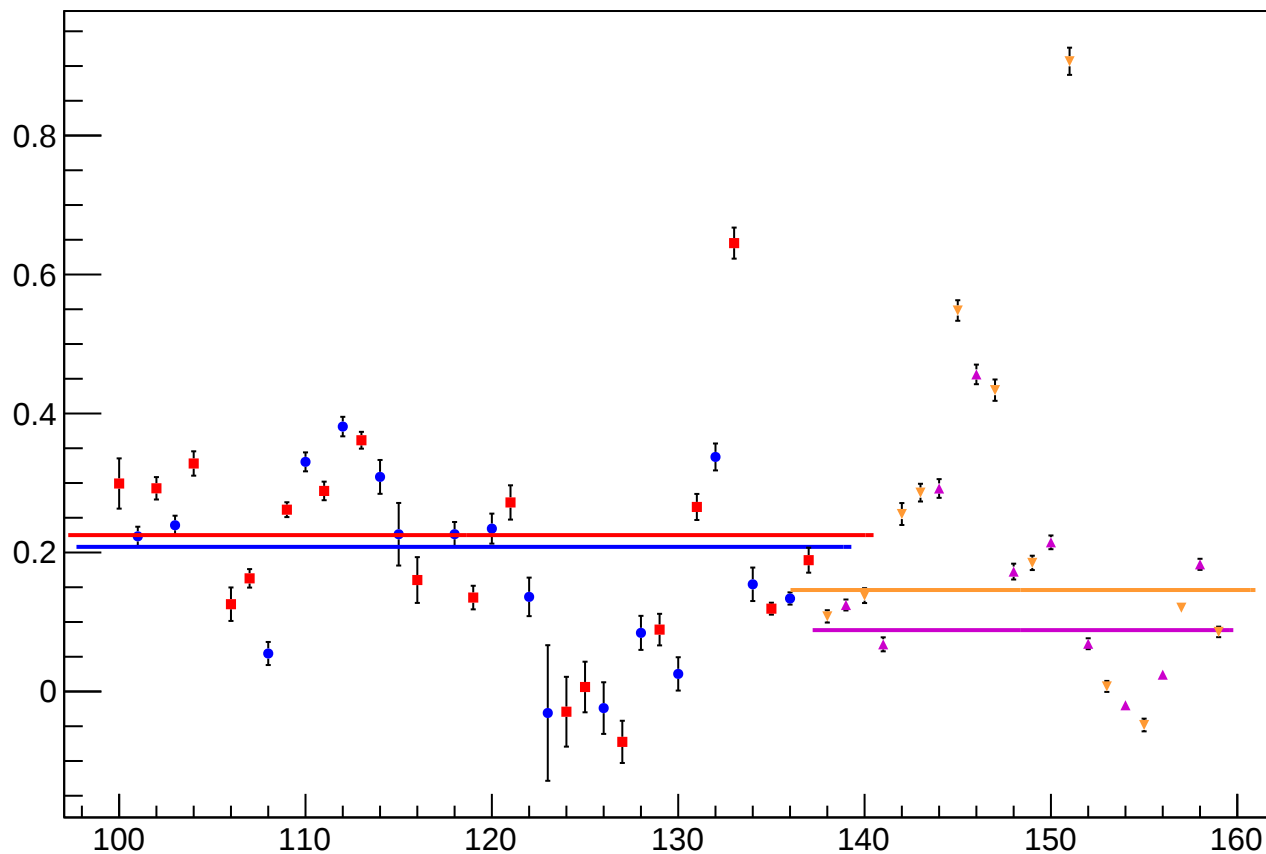
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.940 ± 0.045 χ^2/NDF : 2774.1/26

Out: -1.983 ± 0.047 χ^2/NDF : 3249.5/30

All: -1.961 ± 0.032 χ^2/NDF : 6024.0/57

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: 0.146 $\pm$ 0.003 χ^2 /NDF:3639.0/11
 Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18
 Left In: 0.088 $\pm$ 0.002 χ^2 /NDF:1889.3/9

Left: 0.113 $\pm$ 0.002 χ^2 /NDF: 5758.2/21
 Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35
 In: 0.119 $\pm$ 0.002 χ^2 /NDF:3079.2/26
 Out: 0.175 $\pm$ 0.002 χ^2 /NDF:4910.5/30
 All: 0.145 $\pm$ 0.002 χ^2 /NDF: 8305.5/57