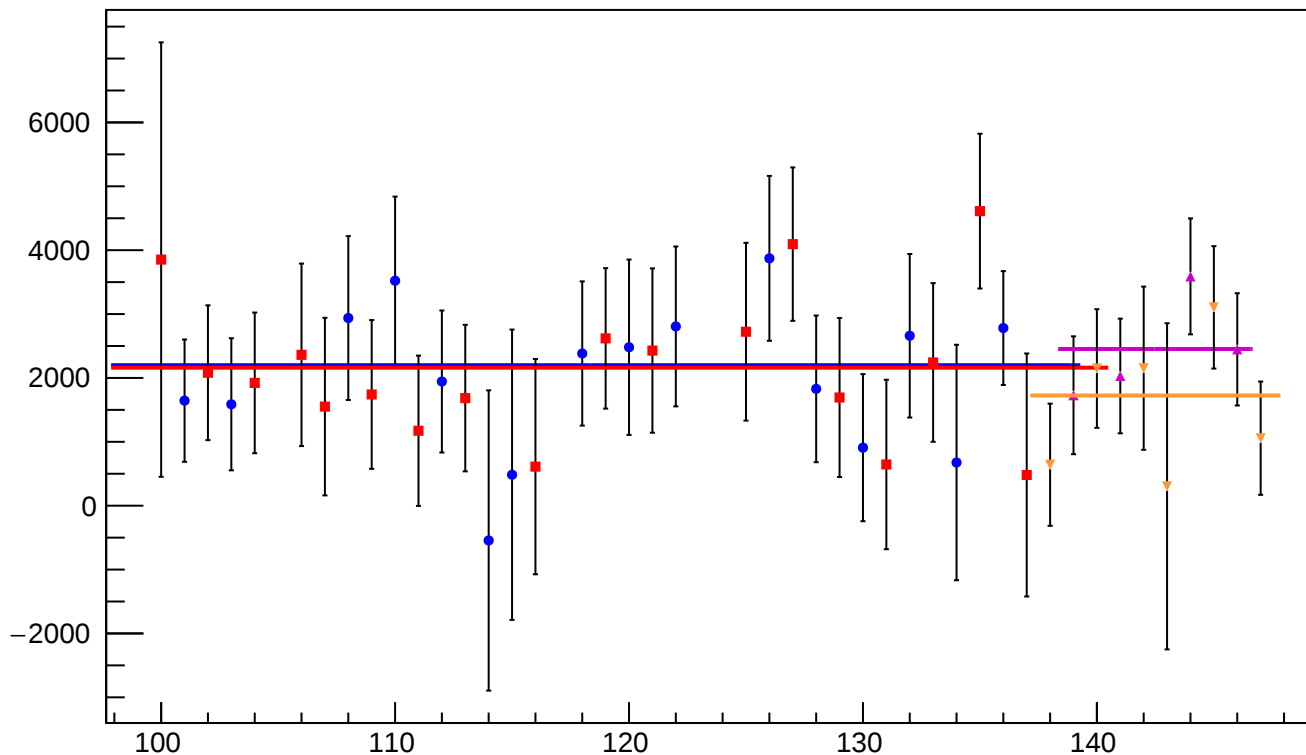


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1725.286+/-431.173

Right Out: 2160.742+/-303.587

Left In: 2452.726+/-450.656

χ^2/NDF : 8.6/15

χ^2/NDF : 4.6/5

χ^2/NDF : 11.7/17

χ^2/NDF : 2.4/3

Left: 2072.942+/-311.546

Right: 2179.612+/-215.784

In: 2279.259+/-253.590

Out: 2016.415+/-248.230

All: 2145.029+/-177.390

χ^2/NDF : 8.3/9

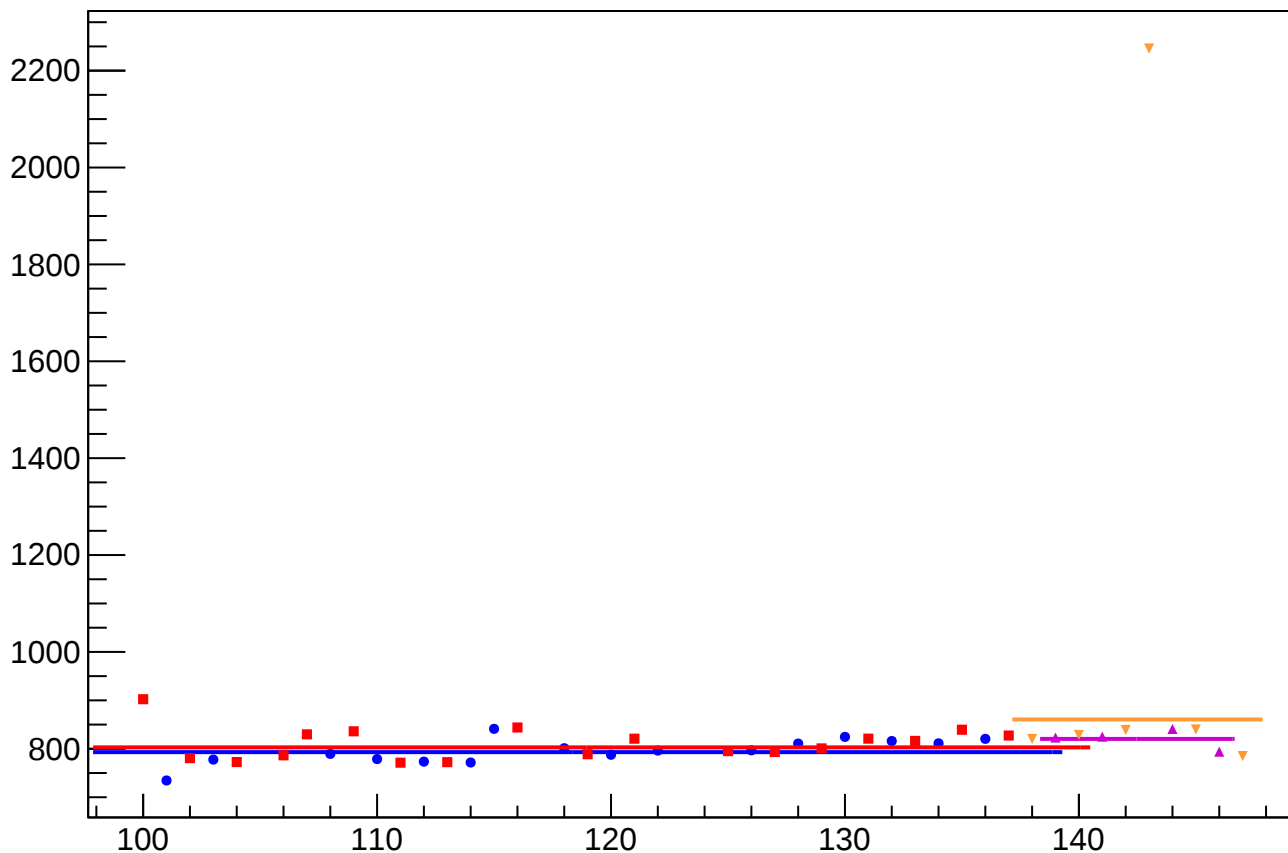
χ^2/NDF : 20.3/33

χ^2/NDF : 11.2/19

χ^2/NDF : 16.9/23

χ^2/NDF : 28.7/43

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 860.546+/-0.305 χ^2/NDF : 610525.8/5

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

Left In: 820.423+/-0.319 χ^2/NDF : 2889.7/3

Left: 841.370+/-0.220 χ^2/NDF : 621692.3/9

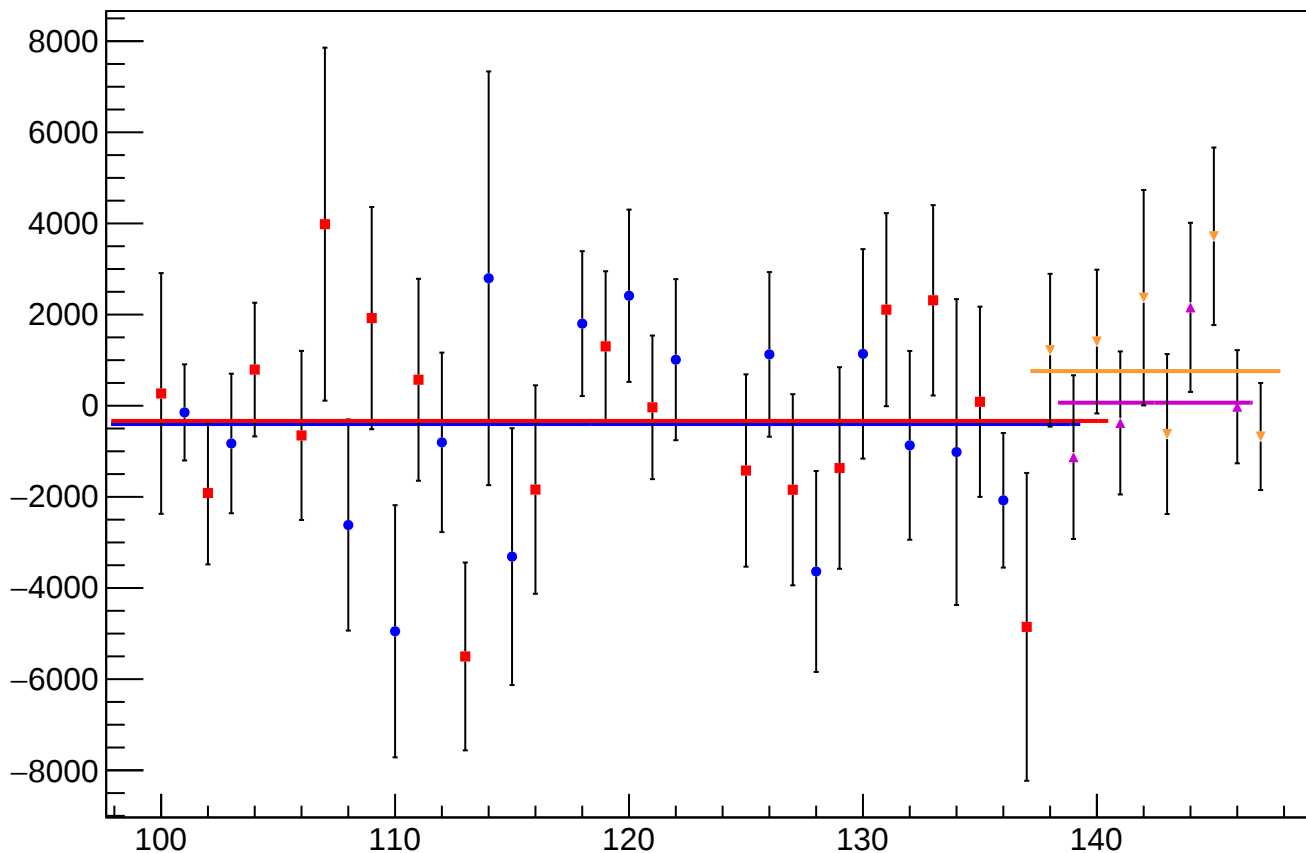
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 801.746+/-0.179 χ^2/NDF : 22620.0/19

Out: 822.037+/-0.176 χ^2/NDF : 648833.4/23

All: 812.108+/-0.125 χ^2/NDF : 677992.9/43

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 760.933 ± 666.527 $\chi^2/\text{NDF}: 5.1/5$

Right Out: -333.998 ± 478.476 $\chi^2/\text{NDF}: 17.5/17$

Left In: 66.804 ± 777.479 $\chi^2/\text{NDF}: 1.8/3$

Left: 466.890 ± 506.028 $\chi^2/\text{NDF}: 7.4/9$

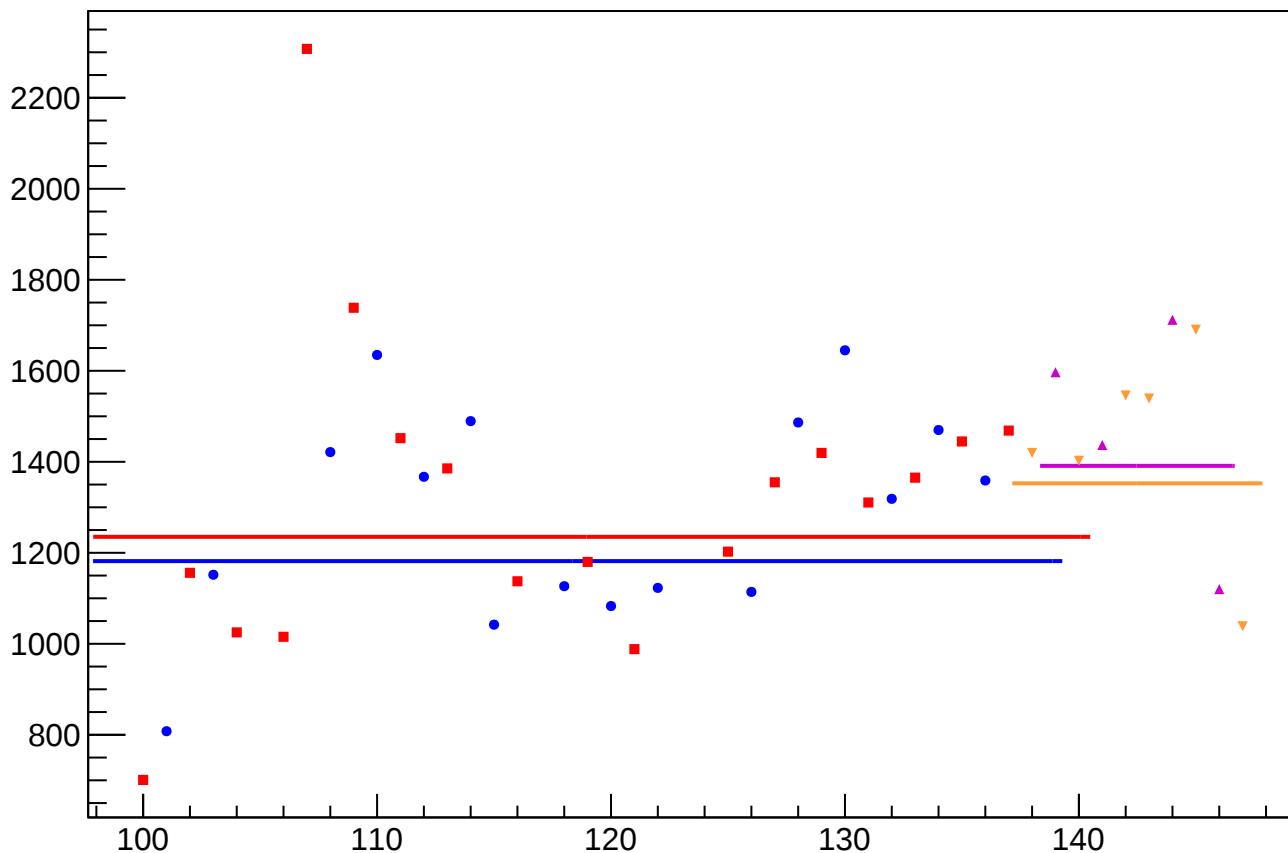
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -276.659 ± 401.383 $\chi^2/\text{NDF}: 16.9/19$

Out: 38.363 ± 388.693 $\chi^2/\text{NDF}: 24.4/23$

All: -114.089 ± 279.226 $\chi^2/\text{NDF}: 41.6/43$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1352.645 $\pm$ 0.471 χ^2 /NDF:244322.5/5

Right Out: 1235.094 $\pm$ 0.338 χ^2 /NDF: 540252.3/17

Left In: 1391.083 $\pm$ 0.550 χ^2 /NDF:182888.2/3

Left: 1368.928 $\pm$ 0.358 χ^2 /NDF: 430028.4/9

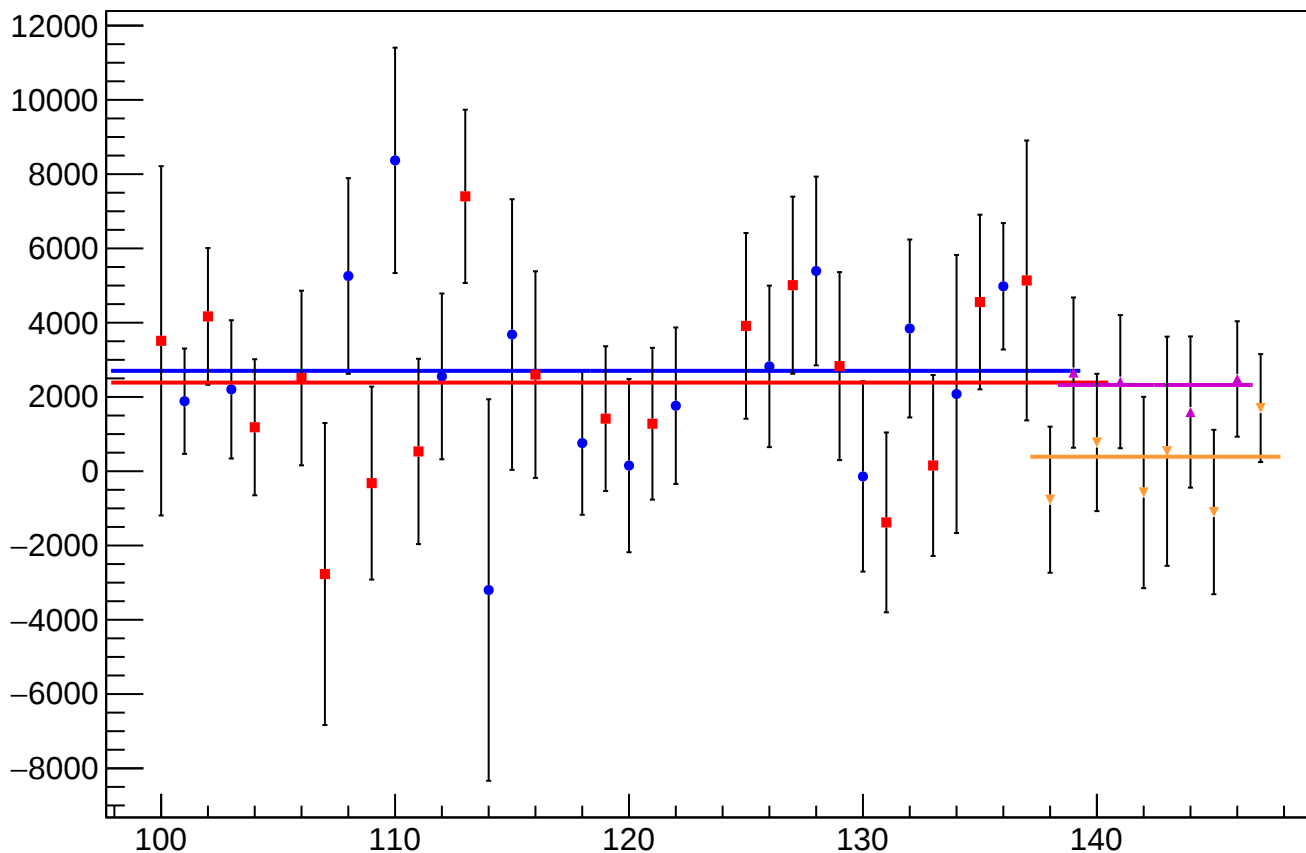
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1237.555 $\pm$ 0.284 χ^2 /NDF:832708.5/19

Out: 1275.070 $\pm$ 0.275 χ^2 /NDF:825627.7/23

All: 1256.915 $\pm$ 0.197 χ^2 /NDF: 1667352.4/43

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 390.951 $\pm$ 820.744 χ^2 /NDF:1.8/5

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

Left In: 2323.289 $\pm$ 908.917 χ^2 /NDF:0.2/3

Left: 1258.870 $\pm$ 609.147 χ^2 /NDF: 4.5/9

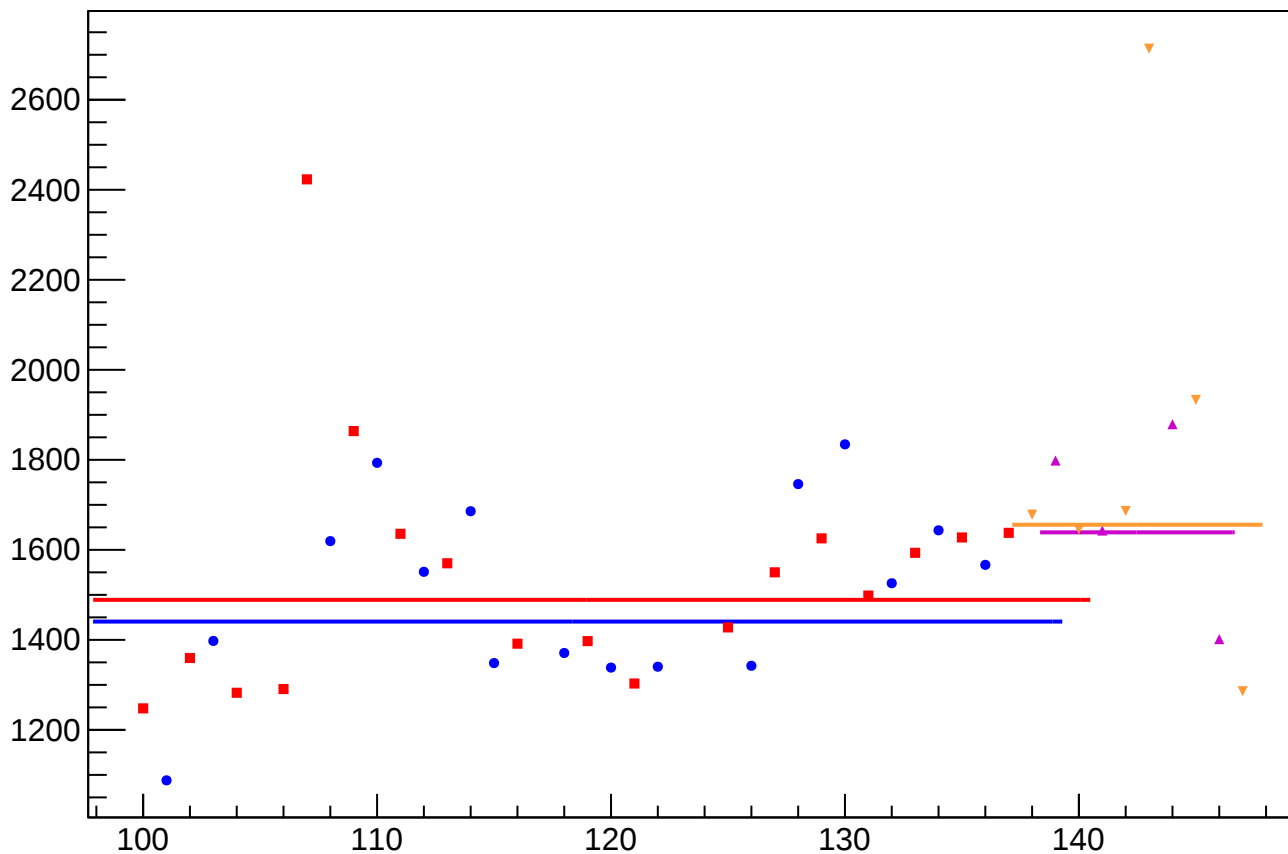
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2597.801 $\pm$ 479.544 χ^2 /NDF:13.3/19

Out: 1738.884 $\pm$ 467.763 χ^2 /NDF:21.9/23

All: 2157.662 $\pm$ 334.846 χ^2 /NDF: 36.9/43

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1655.770 $\pm$ 0.580 χ^2/NDF : 396600.9/5

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

Left In: 1638.873 $\pm$ 0.643 χ^2/NDF : 86875.2/3

Left: 1648.181 $\pm$ 0.431 χ^2/NDF : 483856.8/9

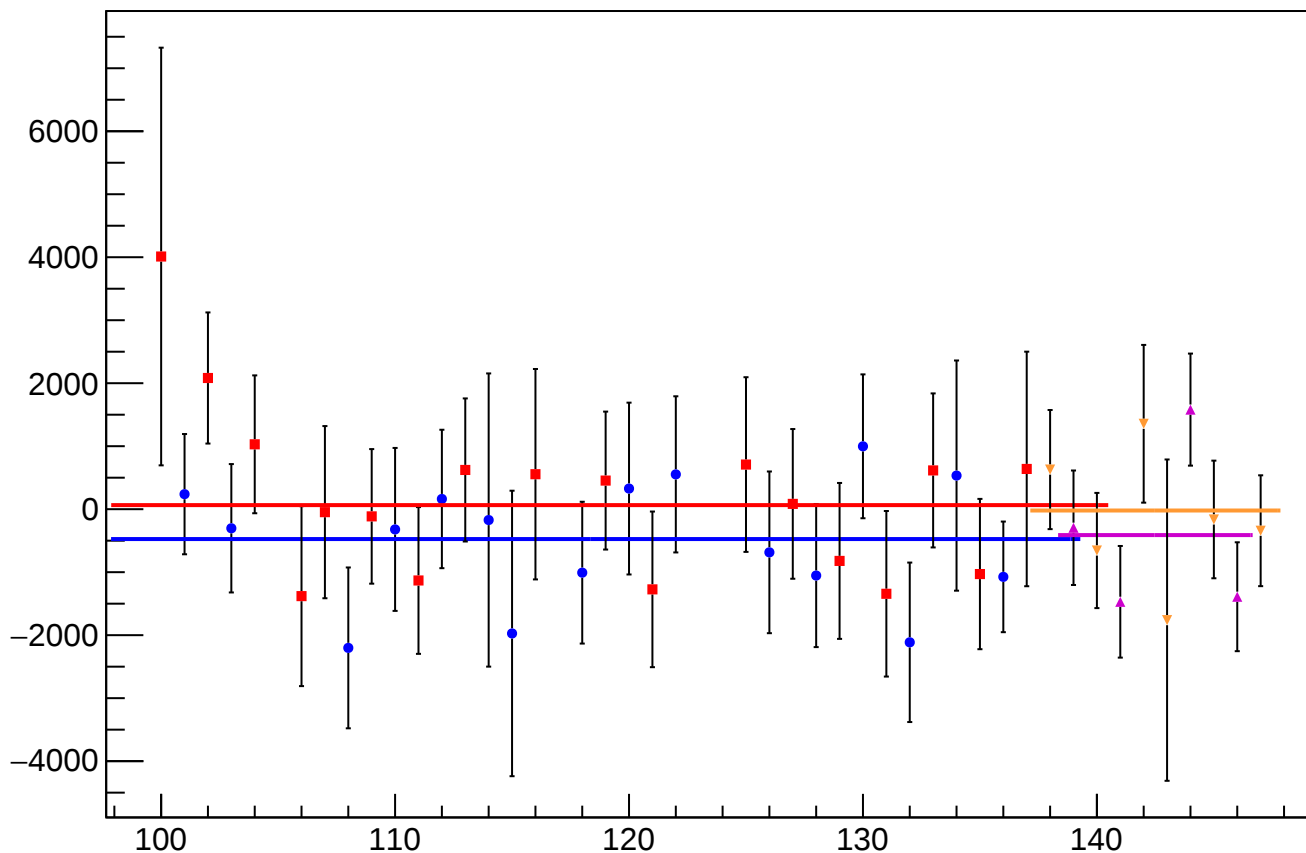
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1495.829 $\pm$ 0.339 χ^2/NDF : 437780.9/19

Out: 1543.132 $\pm$ 0.331 χ^2/NDF : 709234.9/23

All: 1520.069 $\pm$ 0.237 χ^2/NDF : 1156987.7/43

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -20.919 $\pm$ 424.686 χ^2/NDF :2.8/5

Right Out: 64.684 $\pm$ 298.395 χ^2/NDF : 12.7/17

Left In: -411.124 $\pm$ 443.377 χ^2/NDF :7.7/3

Left: -207.623 $\pm$ 306.693 χ^2/NDF : 10.9/9

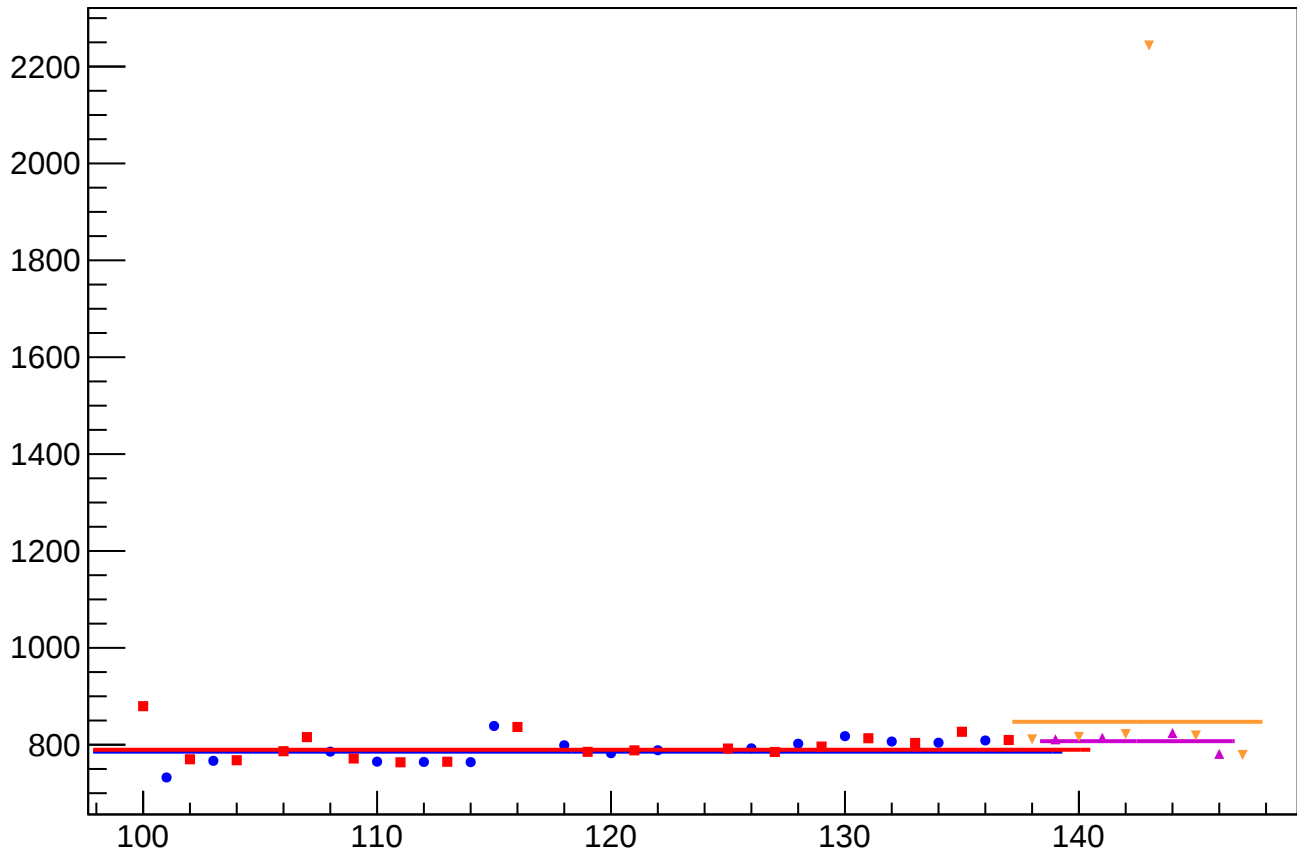
Right: -199.789 $\pm$ 212.921 χ^2/NDF : 23.2/33

In: -453.993 $\pm$ 250.677 χ^2/NDF :16.6/19

Out: 36.391 $\pm$ 244.153 χ^2/NDF :15.5/23

All: -202.337 $\pm$ 174.903 χ^2/NDF : 34.1/43

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 847.337 $\pm$ 0.300 χ^2 /NDF: 619200.5/5

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

Left In: 807.346 $\pm$ 0.314 χ^2 /NDF: 2713.3/3

Left: 828.202 $\pm$ 0.217 χ^2 /NDF: 630399.6/9

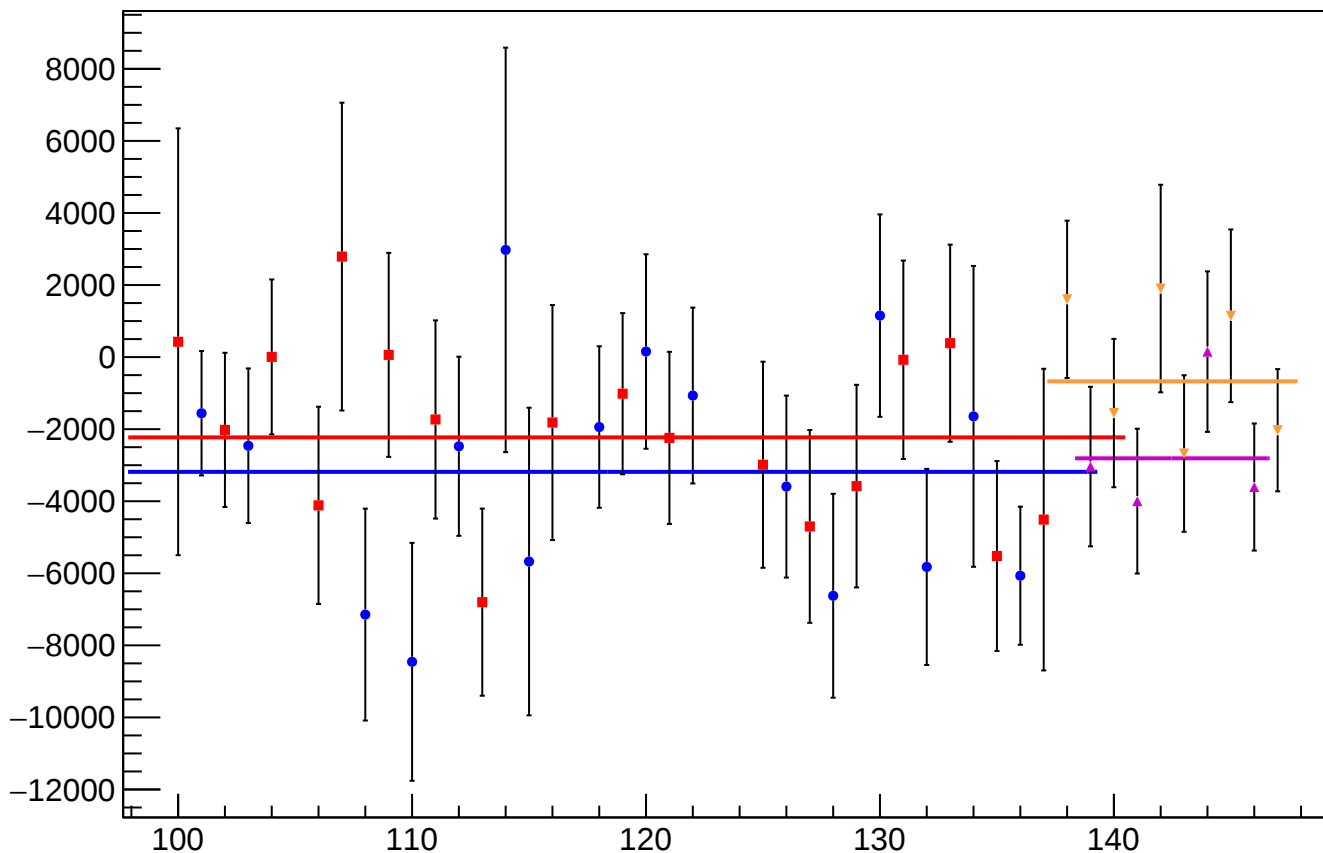
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 792.650 $\pm$ 0.177 χ^2 /NDF: 19864.2/19

Out: 808.733 $\pm$ 0.173 χ^2 /NDF: 654894.7/23

All: 800.904 $\pm$ 0.124 χ^2 /NDF: 678983.7/43

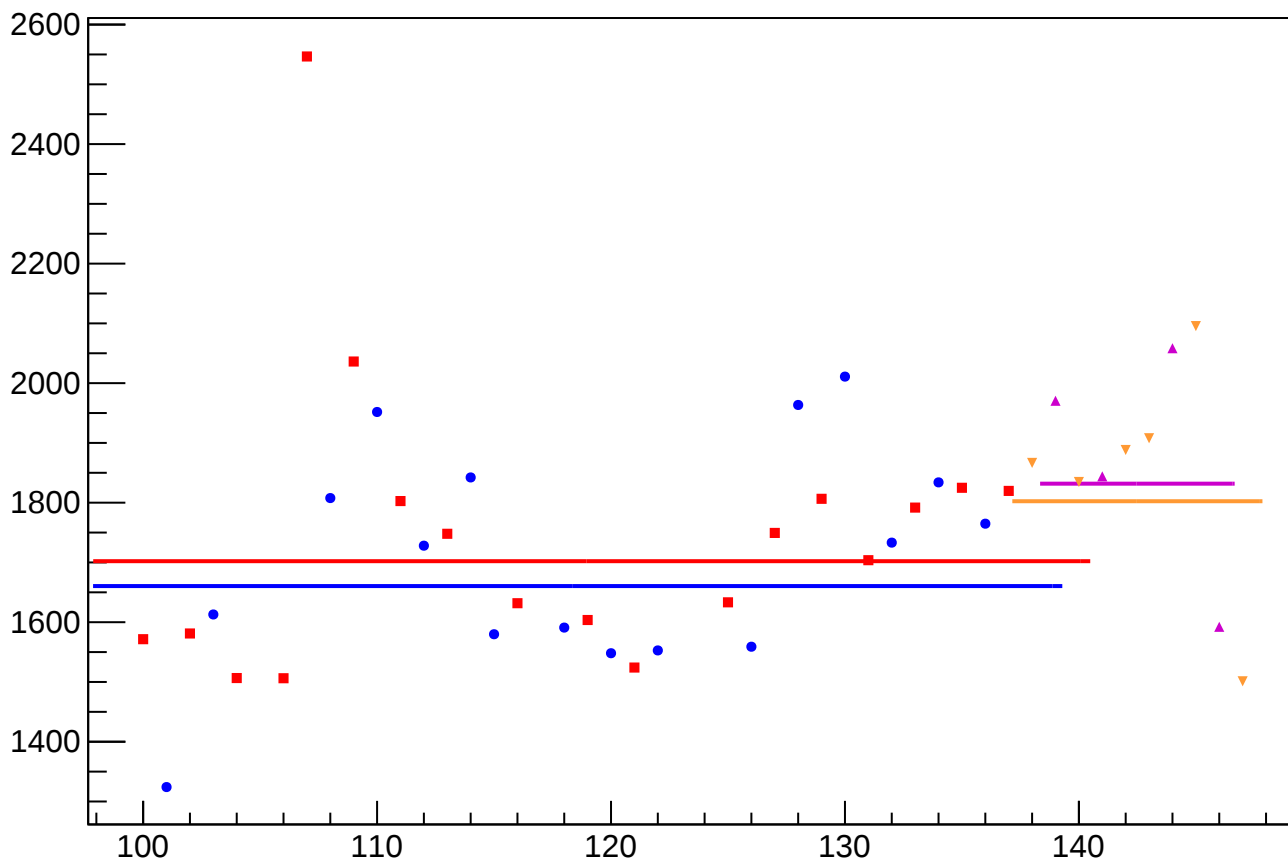
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -672.204 $\pm$ 877.110 χ^2 /NDF:4.1/5
 Right Out: -2228.093 $\pm$ 648.044 χ^2 /NDF: 11.8/17
 Left In: -2809.162 $\pm$ 1012.957 χ^2 /NDF:2.3/3

Left: -1587.879 $\pm$ 663.077 χ^2 /NDF: 9.0/9
 Right: -2706.812 $\pm$ 457.995 χ^2 /NDF: 29.7/33
 In: -3075.673 $\pm$ 545.481 χ^2 /NDF:19.2/19
 Out: -1678.676 $\pm$ 521.214 χ^2 /NDF:18.0/23
 All: -2345.408 $\pm$ 376.841 χ^2 /NDF: 40.6/43

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462+/-0.458 χ^2/NDF : 179206.0/15

Left Out: 1802.416+/-0.620 χ^2/NDF : 101733.2/5

Right Out: 1702.098+/-0.458 χ^2/NDF : 172008.4/17

Left In: 1831.806+/-0.716 χ^2/NDF : 65503.1/3

Left: 1815.009+/-0.469 χ^2/NDF : 168198.5/9

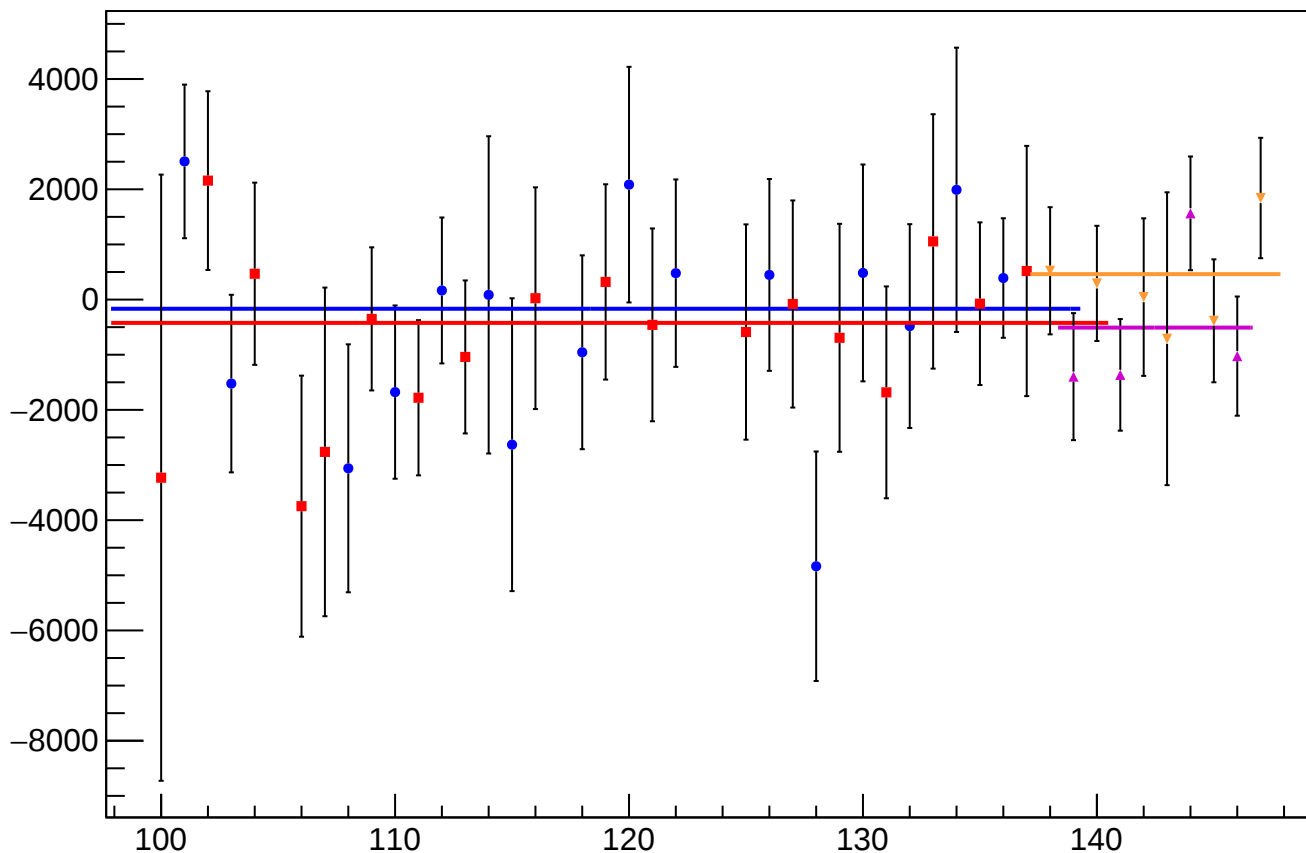
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1710.149+/-0.386 χ^2/NDF : 285339.7/19

Out: 1737.523+/-0.369 χ^2/NDF : 290665.5/23

All: 1724.458+/-0.266 χ^2/NDF : 578638.0/43

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 461.294 ± 503.523 $\chi^2/\text{NDF}: 2.5/5$

Right Out: -422.359 ± 427.321 $\chi^2/\text{NDF}: 8.2/17$

Left In: -508.287 ± 532.453 $\chi^2/\text{NDF}: 5.6/3$

Left: 3.558 ± 365.844 $\chi^2/\text{NDF}: 9.8/9$

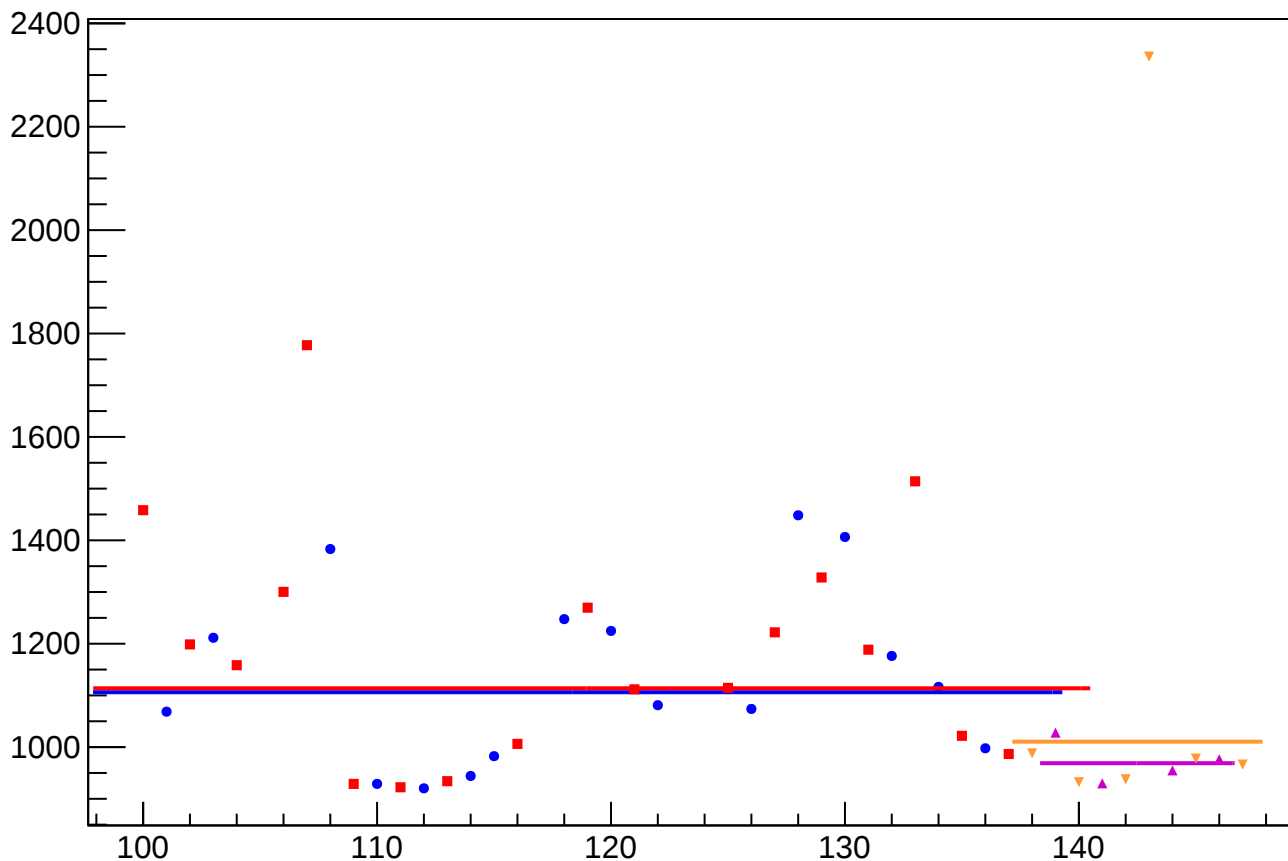
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -302.349 ± 335.790 $\chi^2/\text{NDF}: 21.5/19$

Out: -52.390 ± 325.808 $\chi^2/\text{NDF}: 12.4/23$

All: -173.599 ± 233.830 $\chi^2/\text{NDF}: 34.2/43$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1010.509+/-0.356 χ^2/NDF : 520272.9/5

Right Out: 1113.821+/-0.302 χ^2/NDF : 364293.1/17

Left In: 968.914+/-0.377 χ^2/NDF : 8699.1/3

Left: 990.872+/-0.259 χ^2/NDF : 535415.3/9

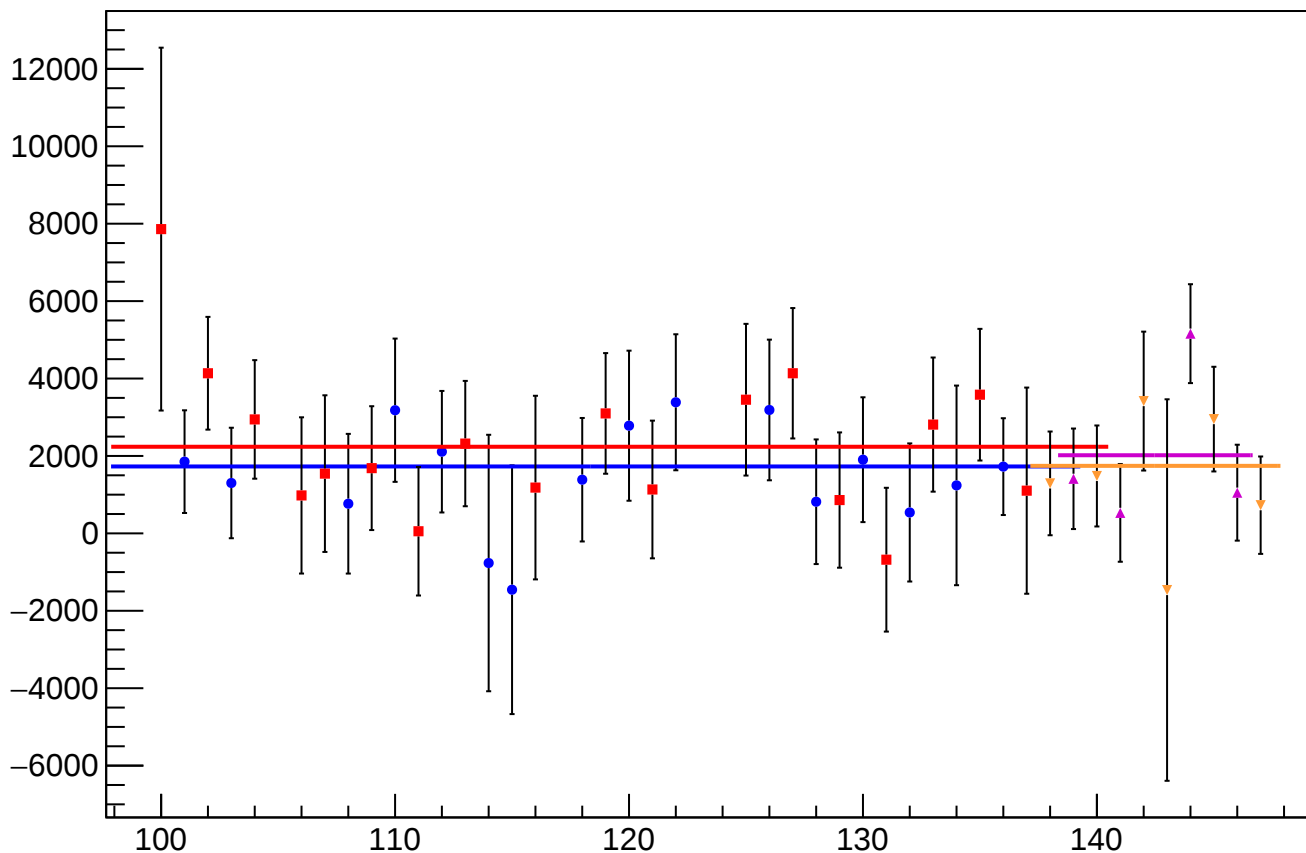
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1051.574+/-0.237 χ^2/NDF : 348648.6/19

Out: 1070.566+/-0.230 χ^2/NDF : 933510.4/23

All: 1061.357+/-0.165 χ^2/NDF : 1285454.4/43

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1744.232+/-611.361 χ^2/NDF : 2.9/5

Right Out: 2237.683+/-425.458 χ^2/NDF : 12.3/17

Left In: 2018.310+/-634.403 χ^2/NDF : 8.3/3

Left: 1876.203+/-440.218 χ^2/NDF : 11.3/9

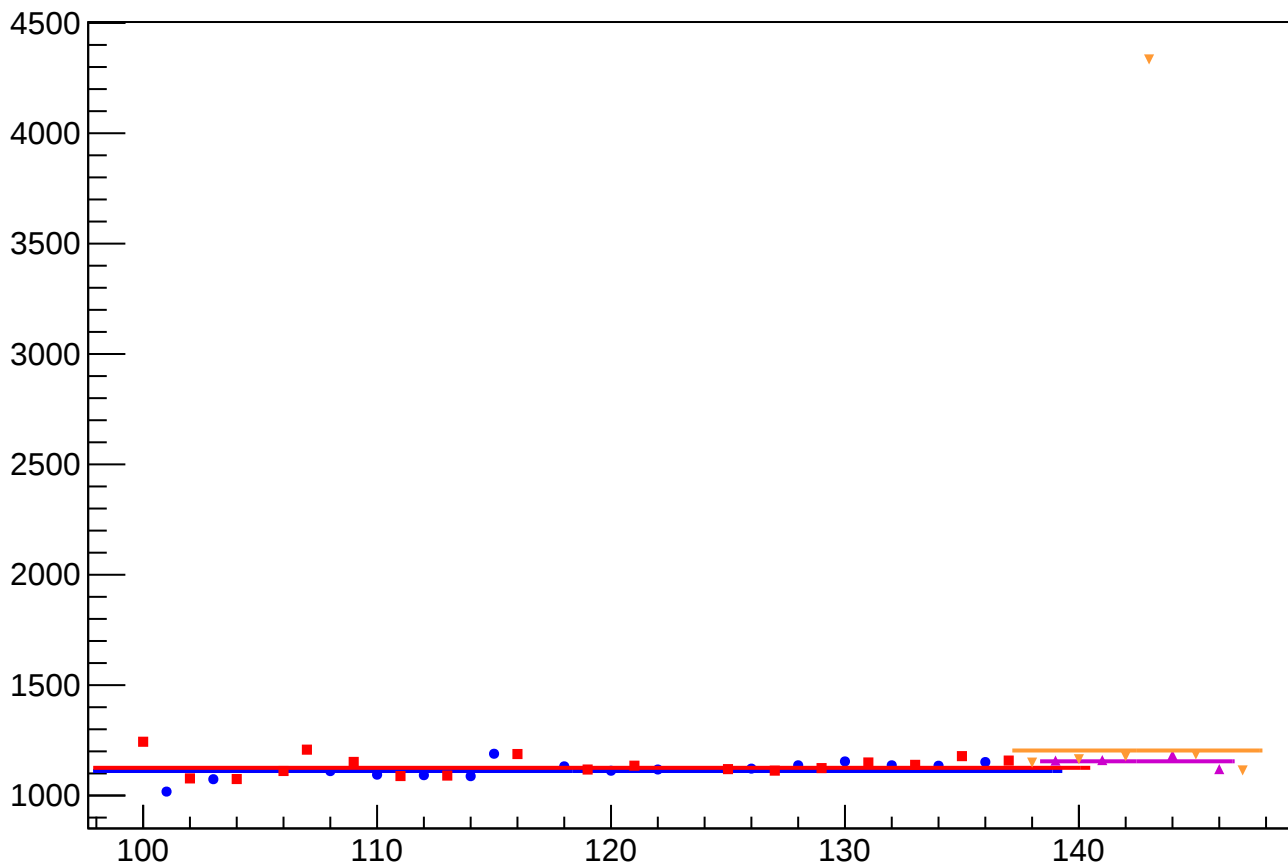
Right: 1985.660+/-302.369 χ^2/NDF : 18.3/33

In: 1819.648+/-355.830 χ^2/NDF : 13.7/19

Out: 2076.678+/-349.217 χ^2/NDF : 15.6/23

All: 1950.574+/-249.239 χ^2/NDF : 29.6/43

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1203.916 $\pm$ 0.432 χ^2 /NDF: 823387.9/5

Right Out: 1125.496 $\pm$ 0.301 χ^2 /NDF: 15880.9/17

Left In: 1154.986 $\pm$ 0.449 χ^2 /NDF: 2685.1/3

Left: 1180.356 $\pm$ 0.311 χ^2 /NDF: 832241.6/9

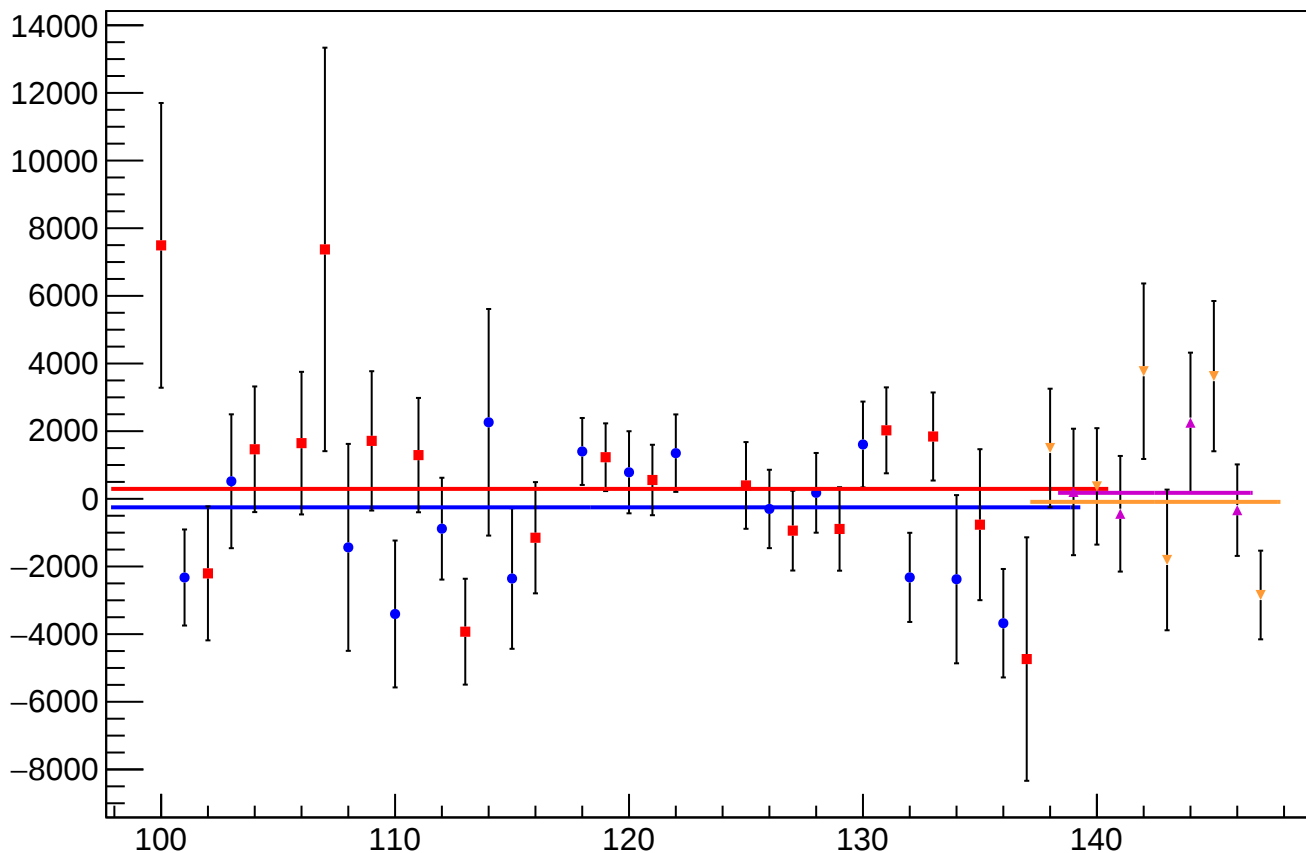
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1124.867 $\pm$ 0.252 χ^2 /NDF: 27353.4/19

Out: 1151.083 $\pm$ 0.247 χ^2 /NDF: 861439.0/23

All: 1138.221 $\pm$ 0.176 χ^2 /NDF: 894322.3/43

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -89.930 ± 739.659 χ^2/NDF : 11.0/5

Right Out: 293.658 ± 362.490 χ^2/NDF : 24.0/17

Left In: 177.055 ± 842.660 χ^2/NDF : 1.3/3

Left: 26.257 ± 555.887 χ^2/NDF : 12.3/9

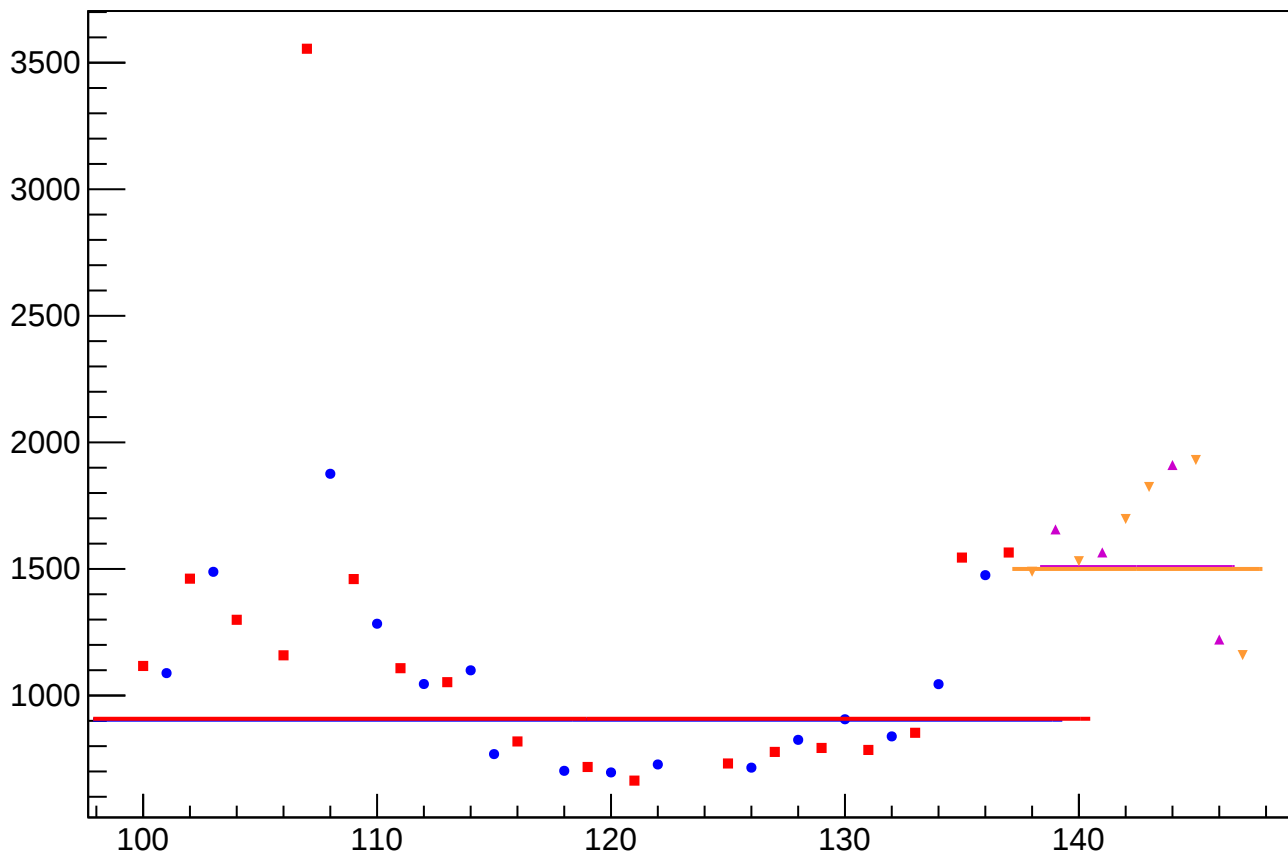
Right: 23.010 ± 257.185 χ^2/NDF : 47.0/33

In: -183.666 ± 334.892 χ^2/NDF : 23.3/19

Out: 219.372 ± 325.502 χ^2/NDF : 35.2/23

All: 23.582 ± 233.414 χ^2/NDF : 59.3/43

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1500.031+/-0.523 χ^2/NDF : 270763.2/5

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

Left In: 1507.513+/-0.596 χ^2/NDF : 180402.1/3

Left: 1503.287+/-0.393 χ^2/NDF : 451254.4/9

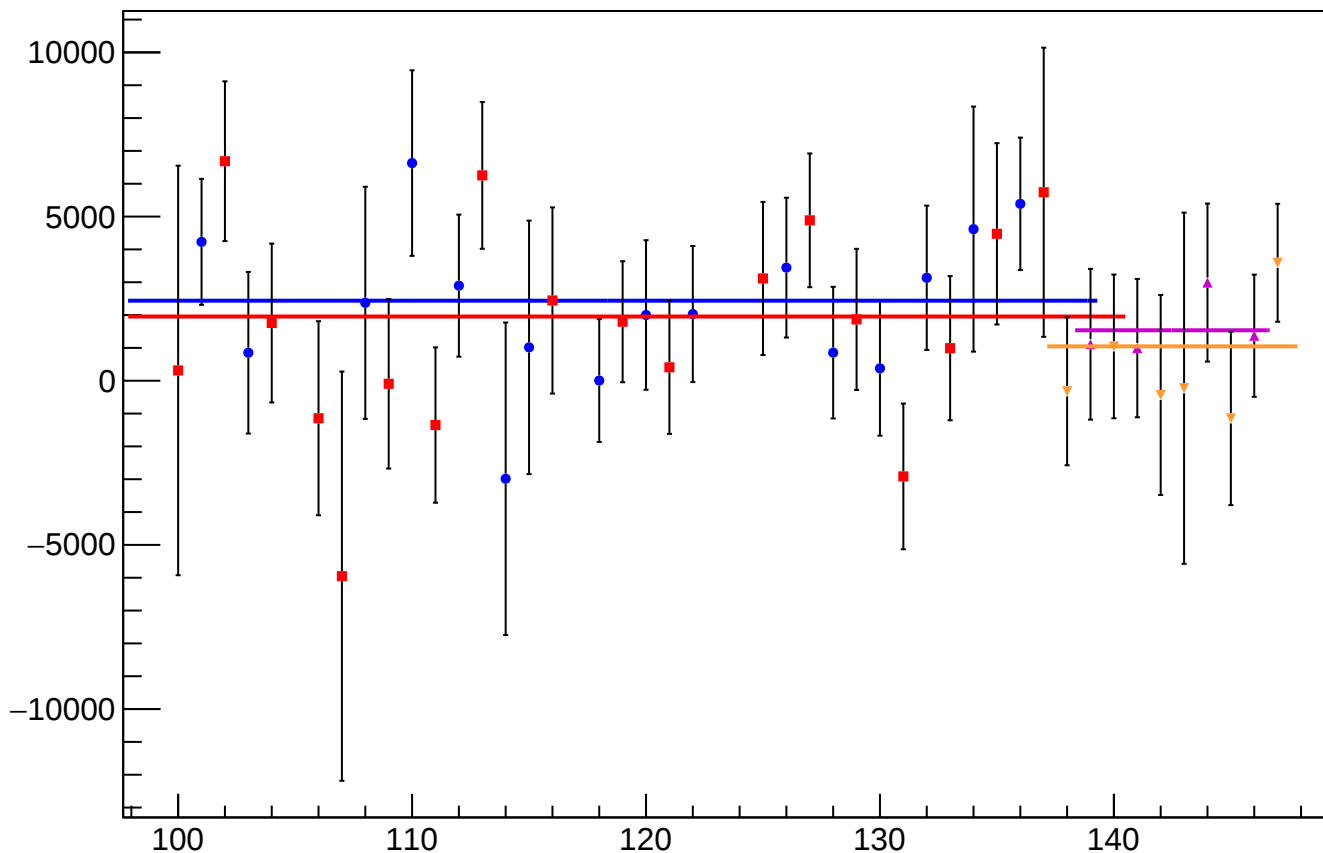
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 999.733+/-0.237 χ^2/NDF : 2063952.1/19

Out: 1022.778+/-0.230 χ^2/NDF : 2684426.8/23

All: 1011.583+/-0.165 χ^2/NDF : 4753248.6/43

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 1047.403+/-999.106 χ^2/NDF : 3.4/5

Right Out: 1955.910+/-584.085 χ^2/NDF : 22.4/17

Left In: 1536.980+/-1068.175 χ^2/NDF : 0.5/3

Left: 1275.853+/-729.671 χ^2/NDF : 3.9/9

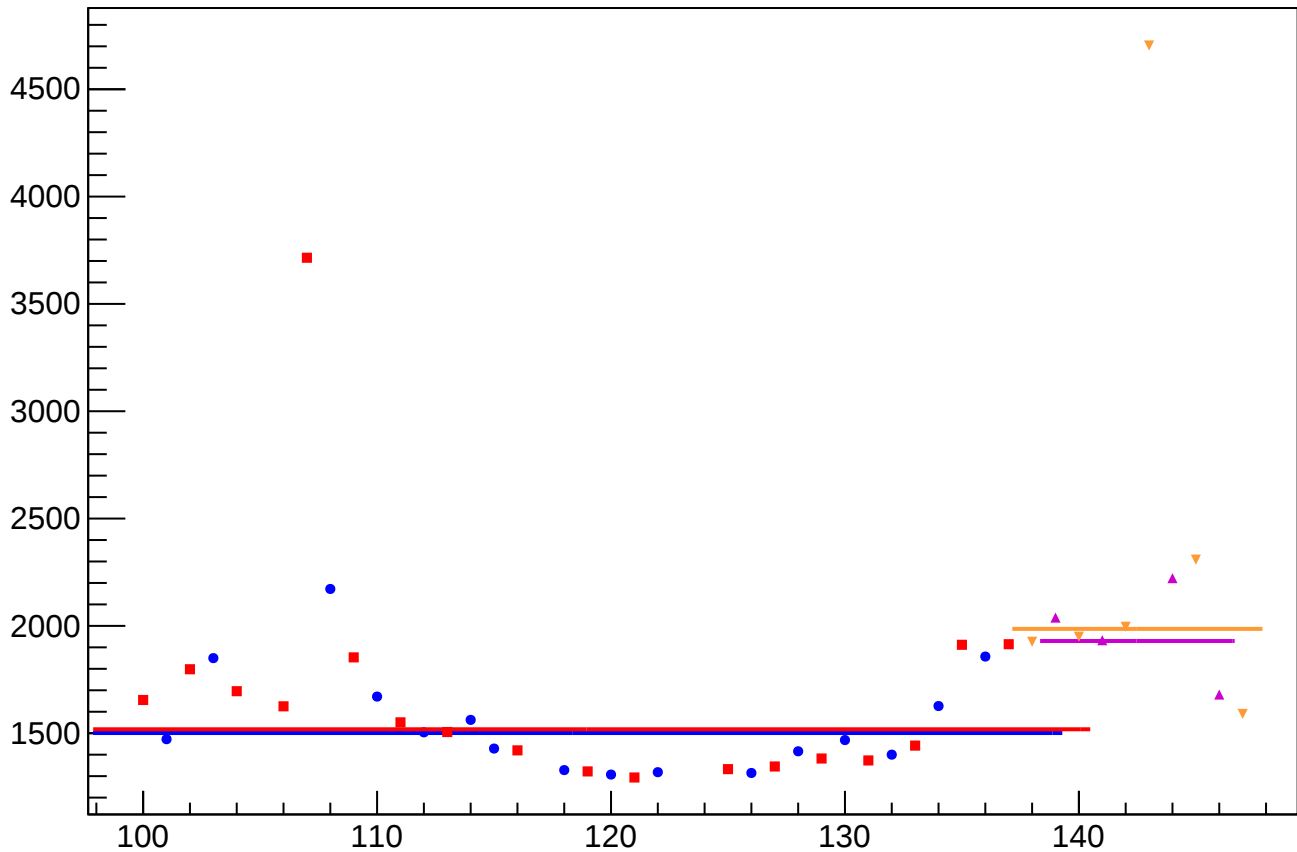
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 2229.057+/-513.922 χ^2/NDF : 12.2/19

Out: 1724.501+/-504.240 χ^2/NDF : 26.3/23

All: 1971.982+/-359.926 χ^2/NDF : 39.0/43

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1986.104+/-0.706 χ^2/NDF : 645629.2/5

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

Left In: 1929.580+/-0.755 χ^2/NDF : 70080.9/3

Left: 1959.728+/-0.516 χ^2/NDF : 718697.1/9

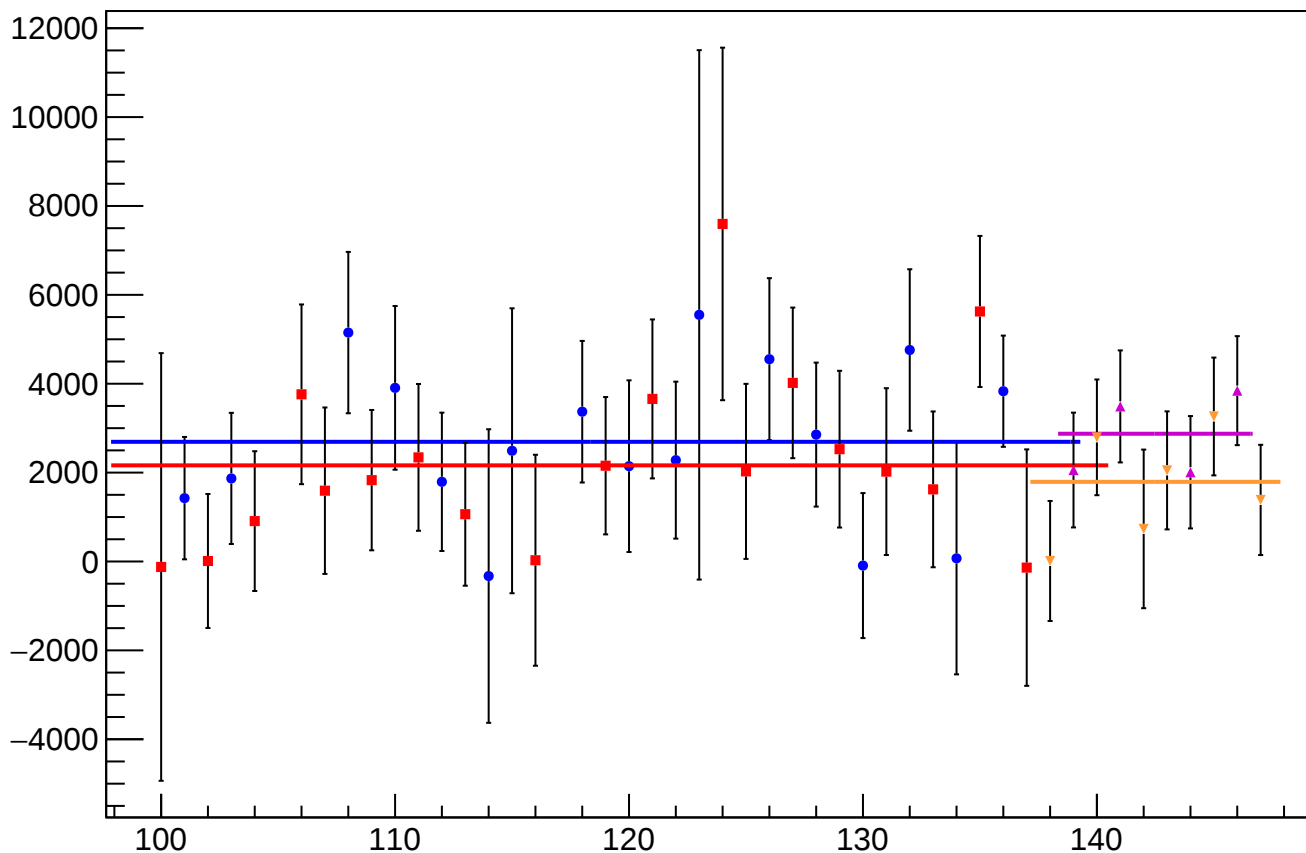
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1600.076+/-0.363 χ^2/NDF : 573943.0/19

Out: 1637.476+/-0.357 χ^2/NDF : 1448385.1/23

All: 1619.132+/-0.255 χ^2/NDF : 2027724.9/43

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1792.377 $\pm$ 555.706 χ^2 /NDF:4.1/5

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

Left In: 2874.506 $\pm$ 629.999 χ^2 /NDF:1.7/3

Left: 2265.903 $\pm$ 416.747 χ^2 /NDF: 7.5/9

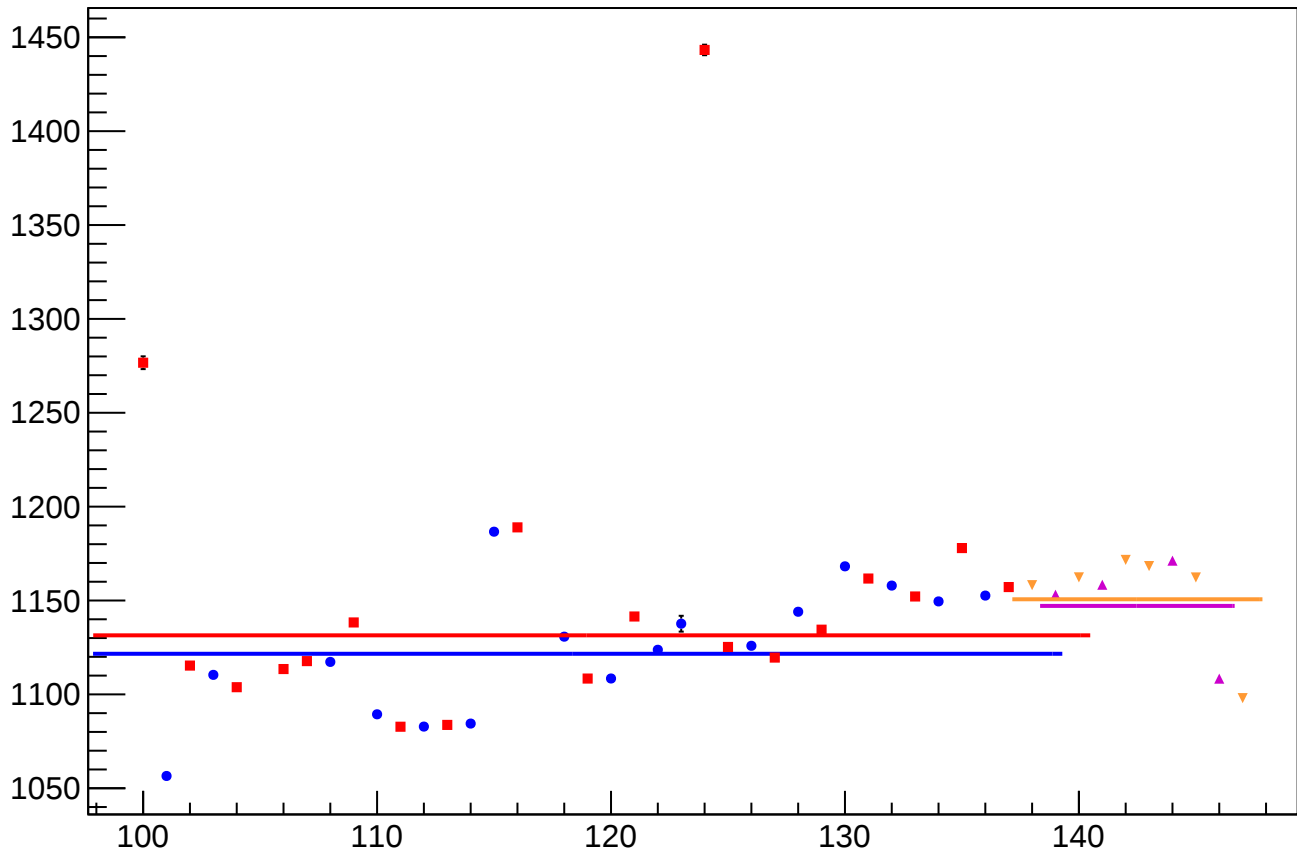
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2751.161 $\pm$ 356.628 χ^2 /NDF:14.0/20

Out: 2026.777 $\pm$ 336.984 χ^2 /NDF:18.1/24

All: 2368.470 $\pm$ 244.934 χ^2 /NDF: 34.3/45

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1150.657 $\pm$ 0.393 χ^2/NDF : 4611.4/5

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

Left In: 1147.127 $\pm$ 0.445 χ^2/NDF : 2925.1/3

Left: 1149.112 $\pm$ 0.295 χ^2/NDF : 7571.8/9

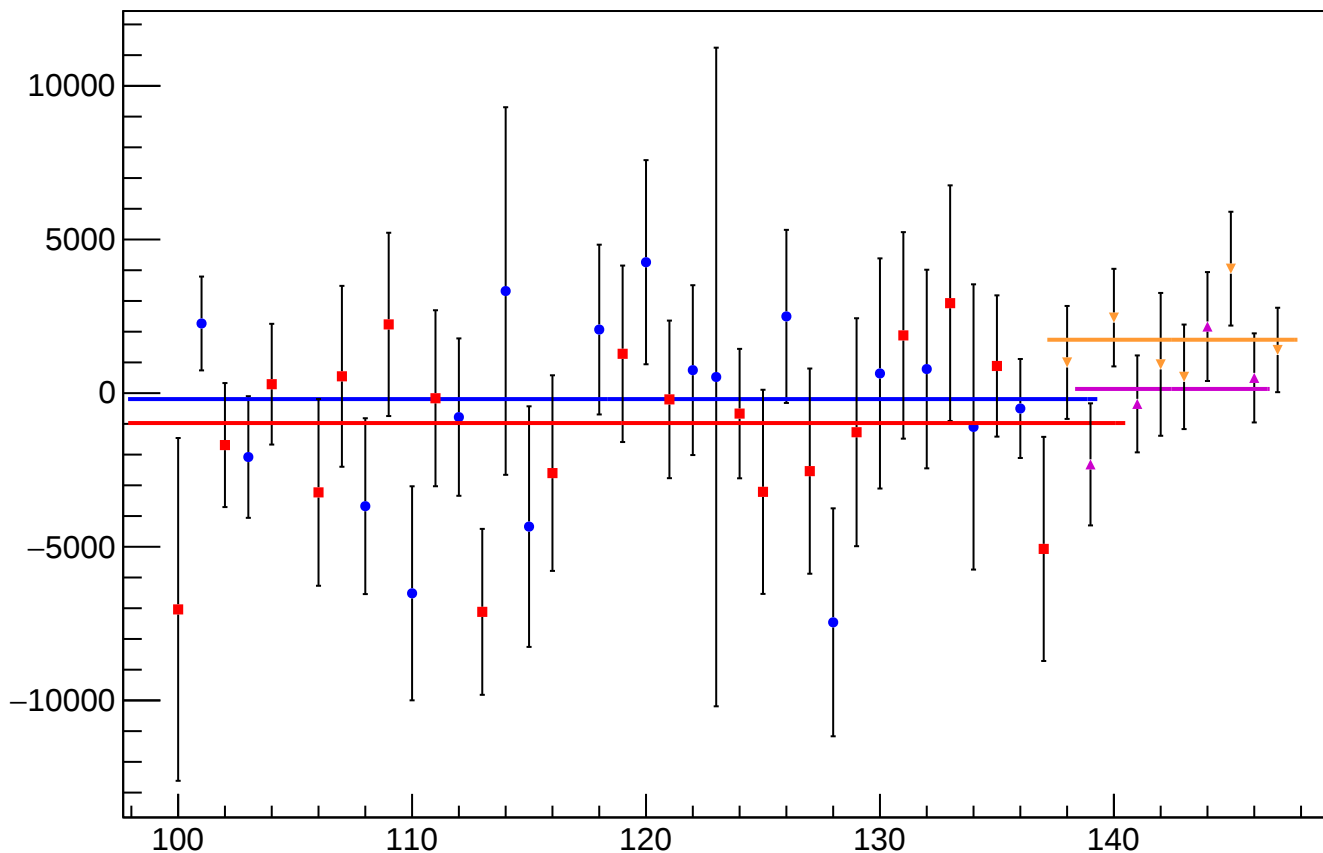
Right: 1126.640 $\pm$ 0.214 χ^2/NDF : 35618.4/35

In: 1129.798 $\pm$ 0.252 χ^2/NDF : 17132.1/20

Out: 1138.514 $\pm$ 0.238 χ^2/NDF : 29233.5/24

All: 1134.402 $\pm$ 0.173 χ^2/NDF : 46996.7/45

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1737.936+/-699.337 χ^2/NDF : 2.6/5

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

Left In: 136.710+/-830.627 χ^2/NDF : 3.0/3

Left: 1073.724+/-534.975 χ^2/NDF : 7.8/9

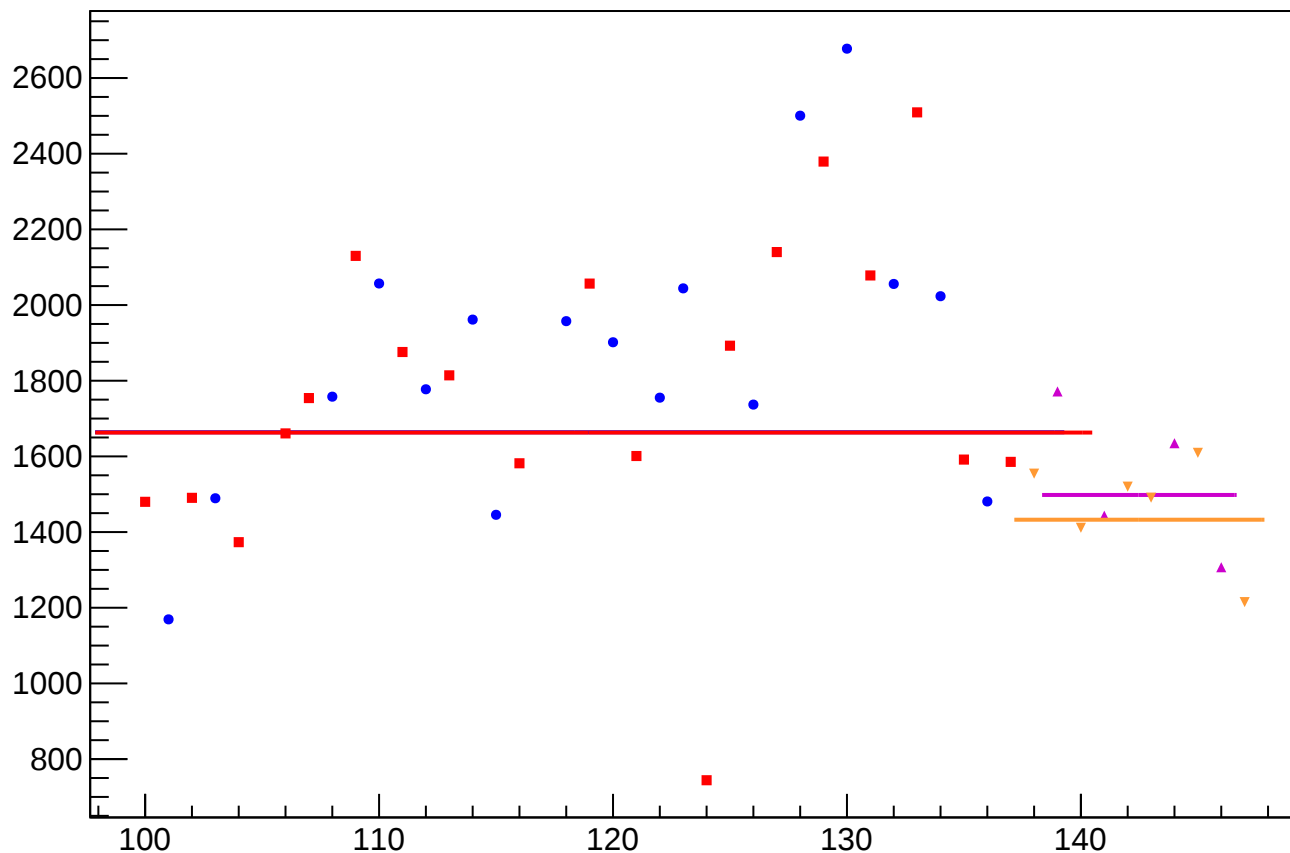
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -65.516+/-516.909 χ^2/NDF : 20.5/20

Out: 273.030+/-474.150 χ^2/NDF : 25.0/24

All: 118.336+/-349.415 χ^2/NDF : 45.7/45

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1432.655 $\pm$ 0.495 χ^2 /NDF: 82799.2/5

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

Left In: 1498.081 $\pm$ 0.587 χ^2 /NDF: 86970.2/3

Left: 1459.795 $\pm$ 0.378 χ^2 /NDF: 177030.7/9

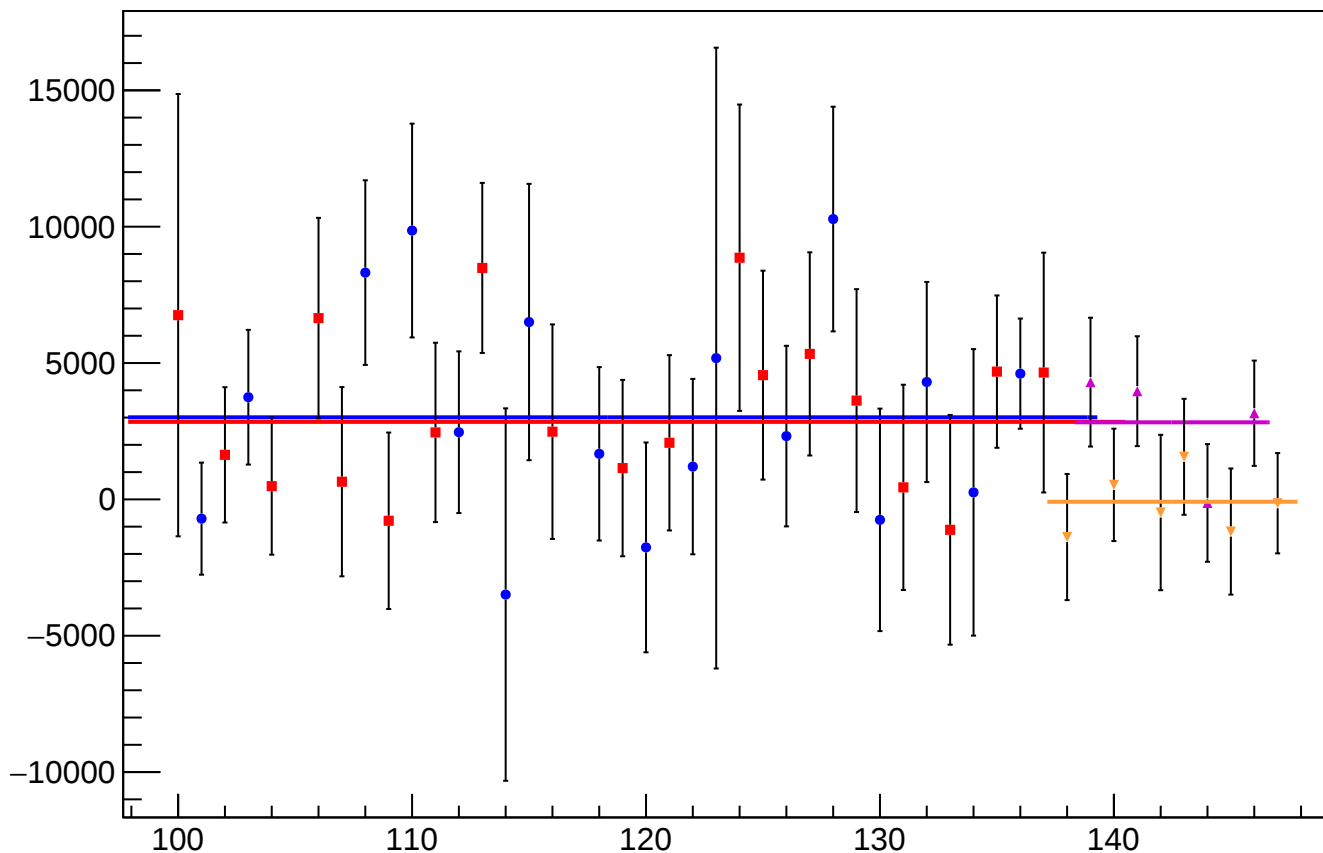
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1599.609 $\pm$ 0.366 χ^2 /NDF: 758214.2/20

Out: 1557.106 $\pm$ 0.335 χ^2 /NDF: 1004995.1/24

All: 1576.527 $\pm$ 0.247 χ^2 /NDF: 1770552.4/45

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -87.469+/-894.713 χ^2/NDF : 1.2/5

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

Left In: 2826.033+/-1048.838 χ^2/NDF : 2.6/3

Left: 1139.683+/-680.691 χ^2/NDF : 8.3/9

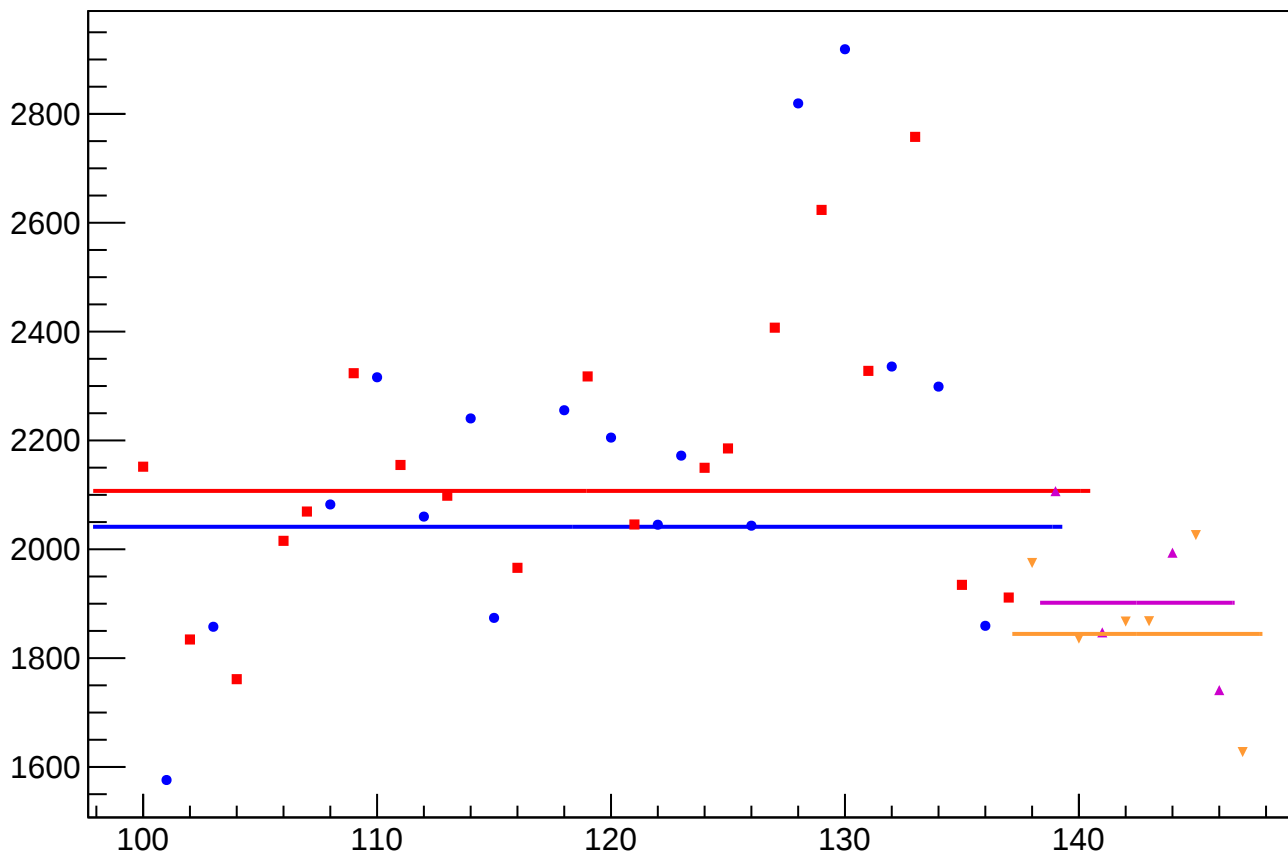
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2941.861+/-635.909 χ^2/NDF : 20.0/20

Out: 1548.217+/-594.595 χ^2/NDF : 18.7/24

All: 2198.300+/-434.314 χ^2/NDF : 41.3/45

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1844.497 $\pm$ 0.633 χ^2 /NDF: 46946.9/5

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

Left In: 1901.751 $\pm$ 0.742 χ^2 /NDF: 34003.5/3

Left: 1868.612 $\pm$ 0.481 χ^2 /NDF: 84400.0/9

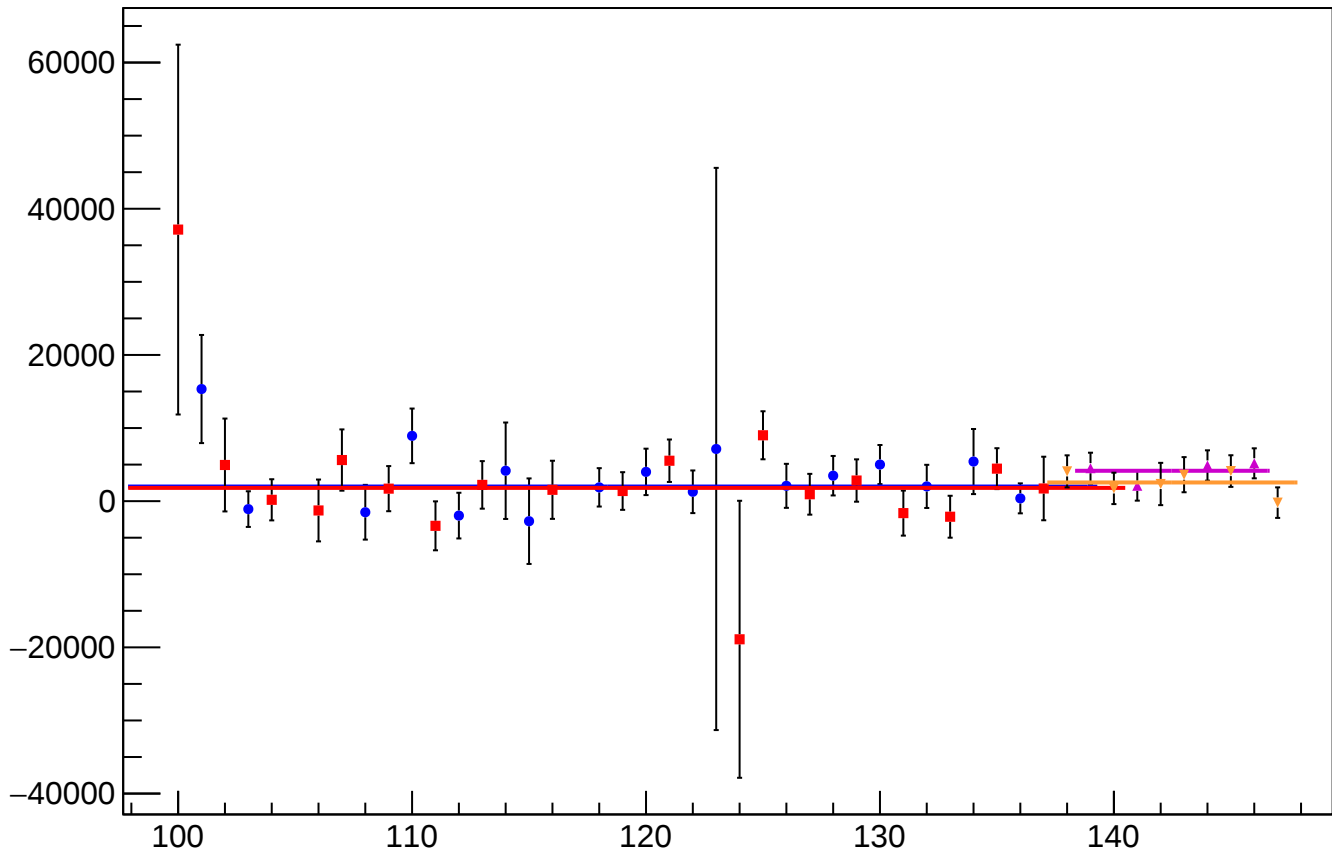
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1990.033 $\pm$ 0.450 χ^2 /NDF: 394846.0/20

Out: 1991.221 $\pm$ 0.420 χ^2 /NDF: 340057.5/24

All: 1990.667 $\pm$ 0.307 χ^2 /NDF: 734907.3/45

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2556.019+/-928.395 χ^2/NDF : 3.1/5

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

Left In: 4154.866+/-1035.150 χ^2/NDF : 1.4/3

Left: 3268.771+/-691.145 χ^2/NDF : 5.8/9

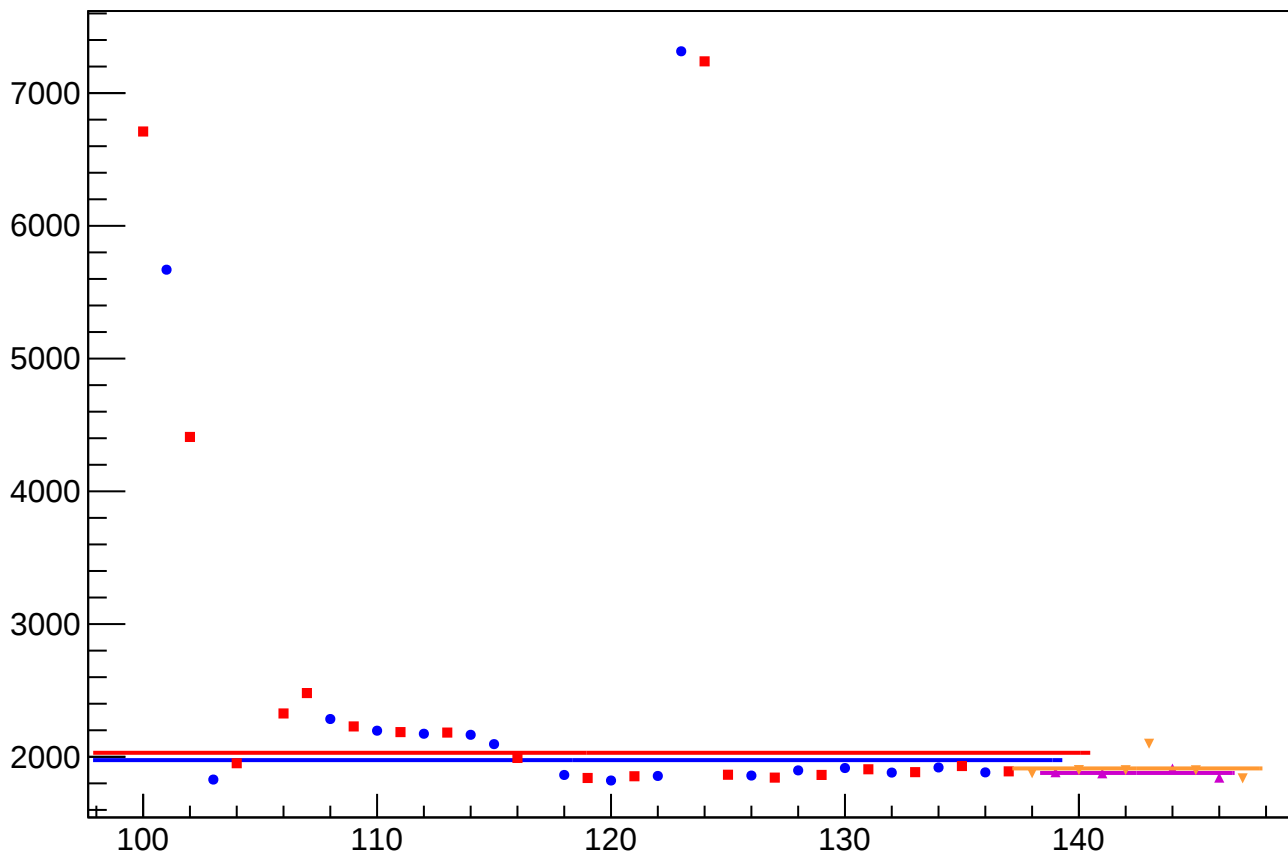
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2782.391+/-623.768 χ^2/NDF : 19.0/20

Out: 2122.637+/-597.858 χ^2/NDF : 21.7/24

All: 2438.528+/-431.619 χ^2/NDF : 41.2/45

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1912.605+/-0.656 χ^2/NDF : 15286.8/5

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

Left In: 1878.459+/-0.732 χ^2/NDF : 1117.9/3

Left: 1897.383+/-0.489 χ^2/NDF : 17610.8/9

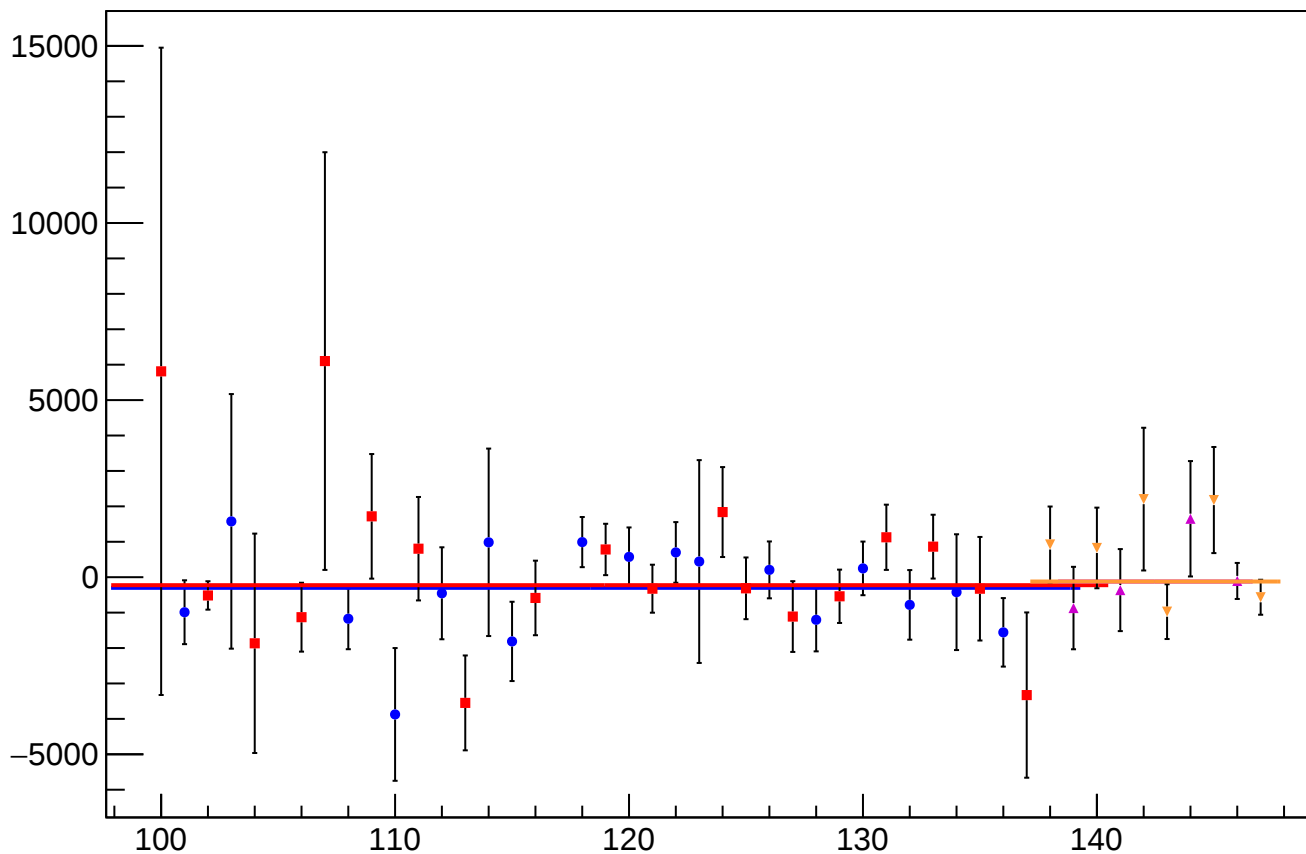
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1940.014+/-0.441 χ^2/NDF : 612053.8/20

Out: 1981.517+/-0.423 χ^2/NDF : 638037.1/24

All: 1961.645+/-0.305 χ^2/NDF : 1254705.5/45

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -122.055+/-351.203 χ^2/NDF : 7.4/5

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

Left In: -122.743+/-417.947 χ^2/NDF : 1.6/3

Left: -122.340+/-268.877 χ^2/NDF : 9.0/9

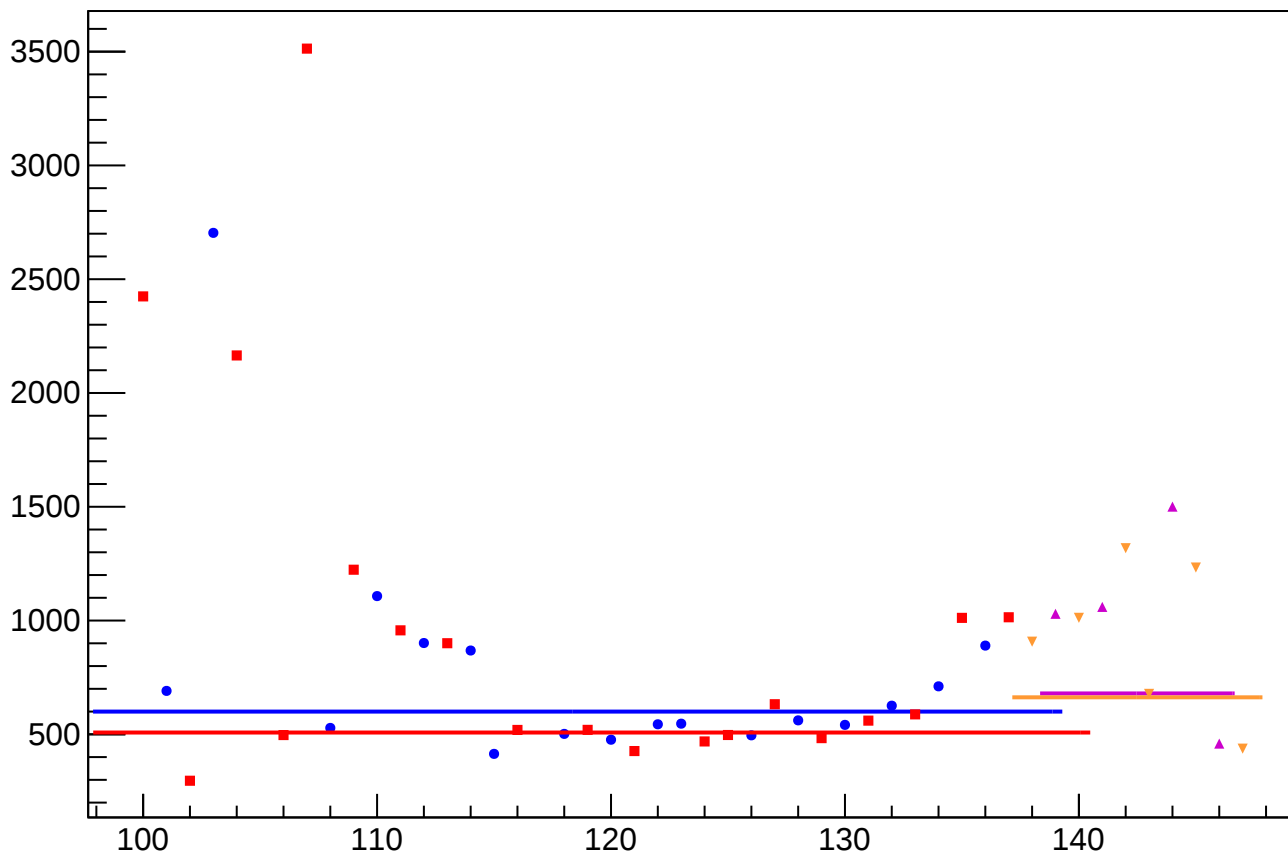
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -254.215+/-212.396 χ^2/NDF : 19.1/20

Out: -197.143+/-183.718 χ^2/NDF : 29.6/24

All: -221.569+/-138.950 χ^2/NDF : 48.8/45

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 662.616+/-0.248 χ^2/NDF : 1211945.7/5

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

Left In: 679.685+/-0.296 χ^2/NDF : 1280072.9/3

Left: 669.680+/-0.190 χ^2/NDF : 2493973.8/9

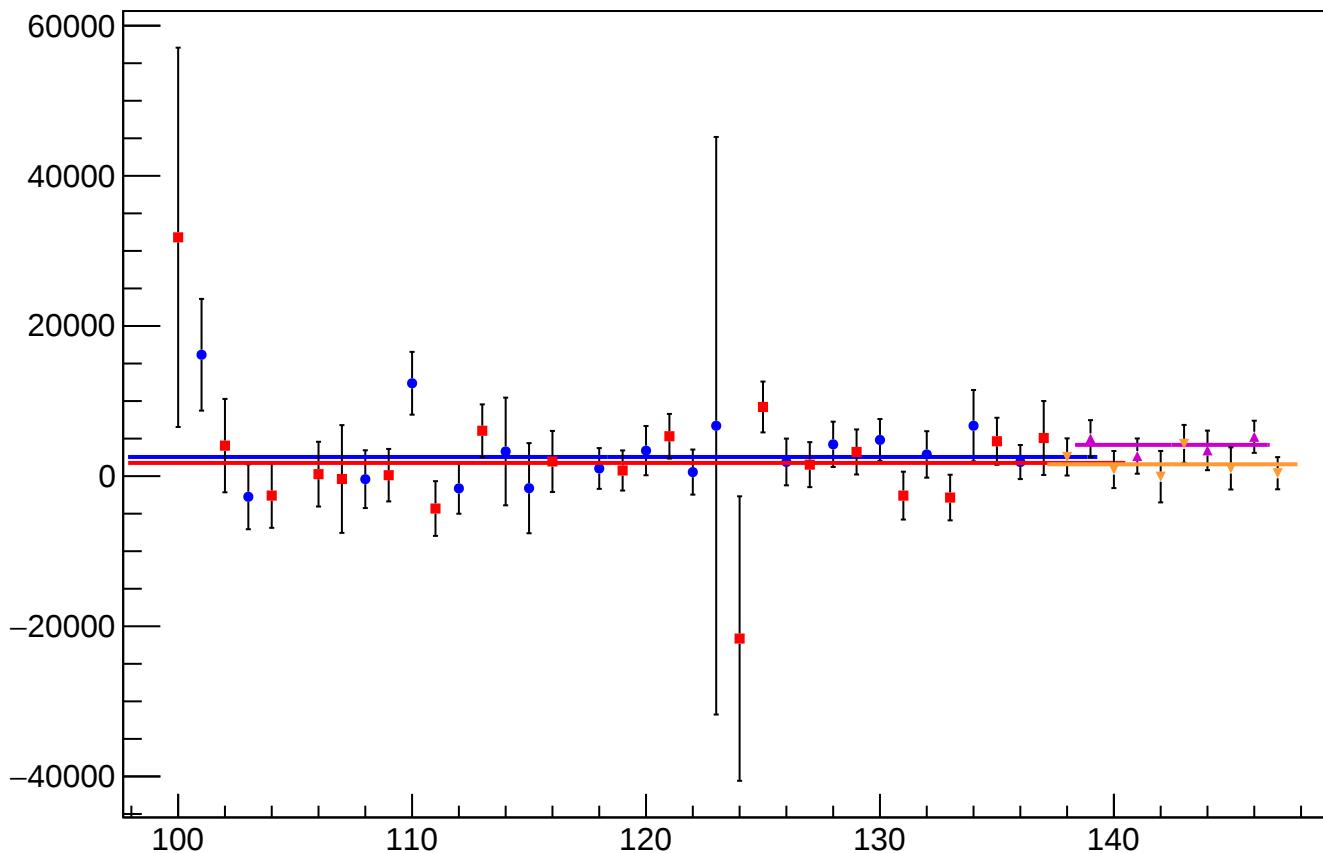
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 620.544+/-0.150 χ^2/NDF : 2715110.9/20

Out: 550.268+/-0.130 χ^2/NDF : 4342600.5/24

All: 580.345+/-0.098 χ^2/NDF : 7182958.4/45

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1579.598 $\pm$ 1045.952 χ^2 /NDF: 2.0/5

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

Left In: 4165.112 $\pm$ 1186.096 χ^2 /NDF: 0.9/3

Left: 2710.656 $\pm$ 784.492 χ^2 /NDF: 5.5/9

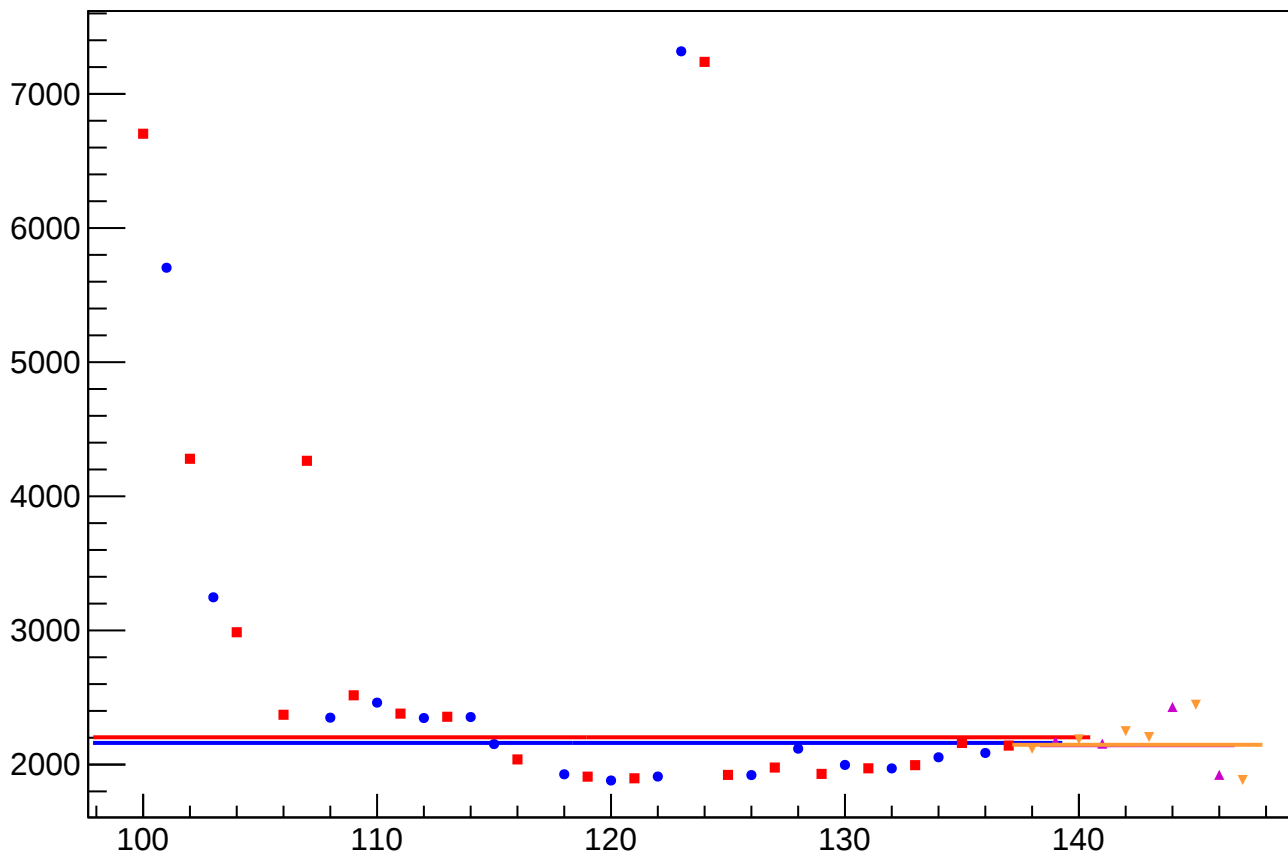
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 3107.956 $\pm$ 695.662 χ^2 /NDF: 17.8/20

Out: 1688.672 $\pm$ 661.823 χ^2 /NDF: 22.9/24

All: 2362.957 $\pm$ 479.496 χ^2 /NDF: 42.9/45

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2147.518+/-0.740 χ^2/NDF : 56337.2/5

Right Out: 2203.343+/-0.604 χ^2/NDF : 797393.2/18

Left In: 2144.158+/-0.839 χ^2/NDF : 44979.2/3

Left: 2146.048+/-0.555 χ^2/NDF : 101325.4/9

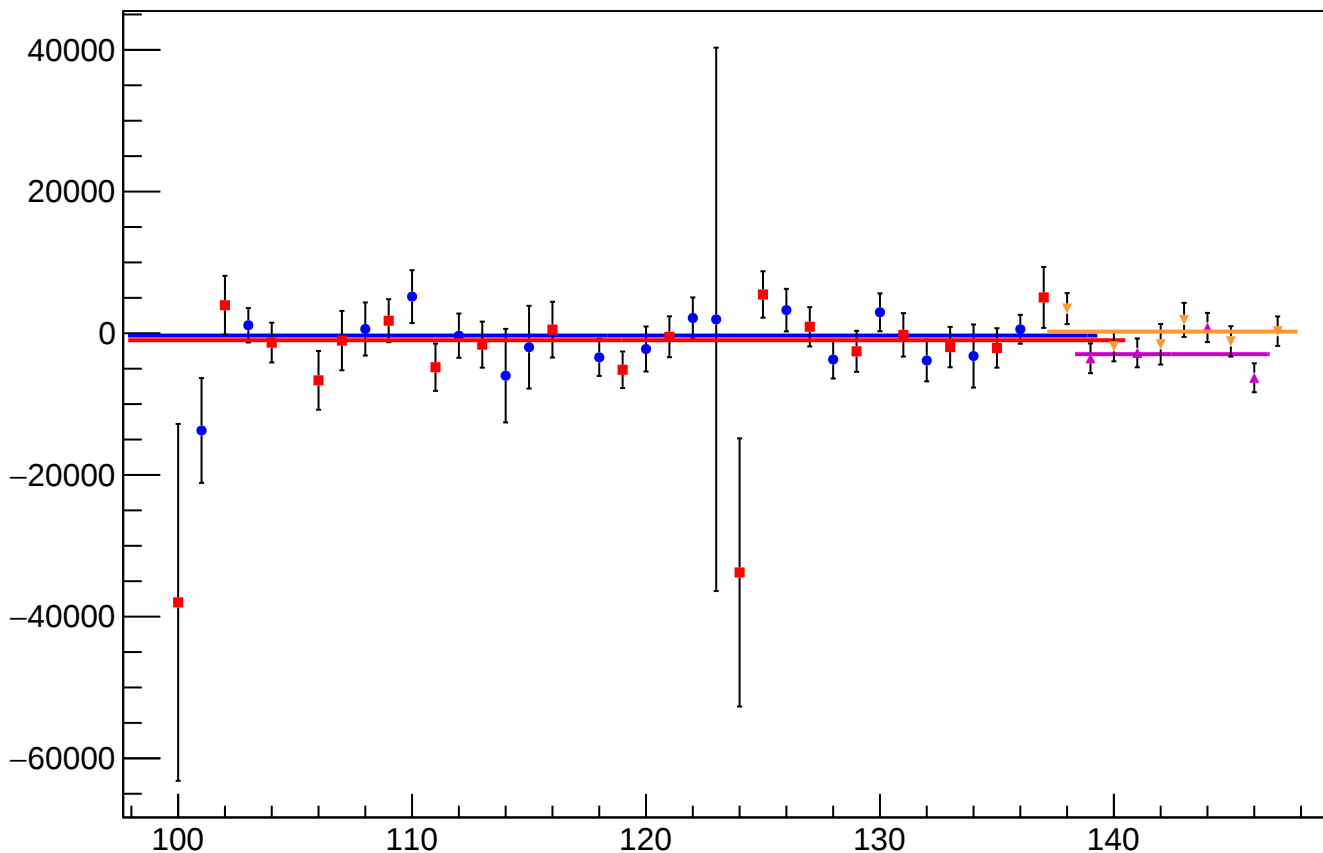
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2155.481+/-0.492 χ^2/NDF : 756510.3/20

Out: 2180.992+/-0.468 χ^2/NDF : 857146.6/24

All: 2168.872+/-0.339 χ^2/NDF : 1615068.8/45

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 ± 779.509 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 239.802 ± 923.927 $\chi^2/\text{NDF}: 4.4/5$

Right Out: -985.900 ± 769.924 $\chi^2/\text{NDF}: 20.4/18$

Left In: -2951.760 ± 1030.040 $\chi^2/\text{NDF}: 6.1/3$

Left: -1183.166 ± 687.781 $\chi^2/\text{NDF}: 15.8/9$

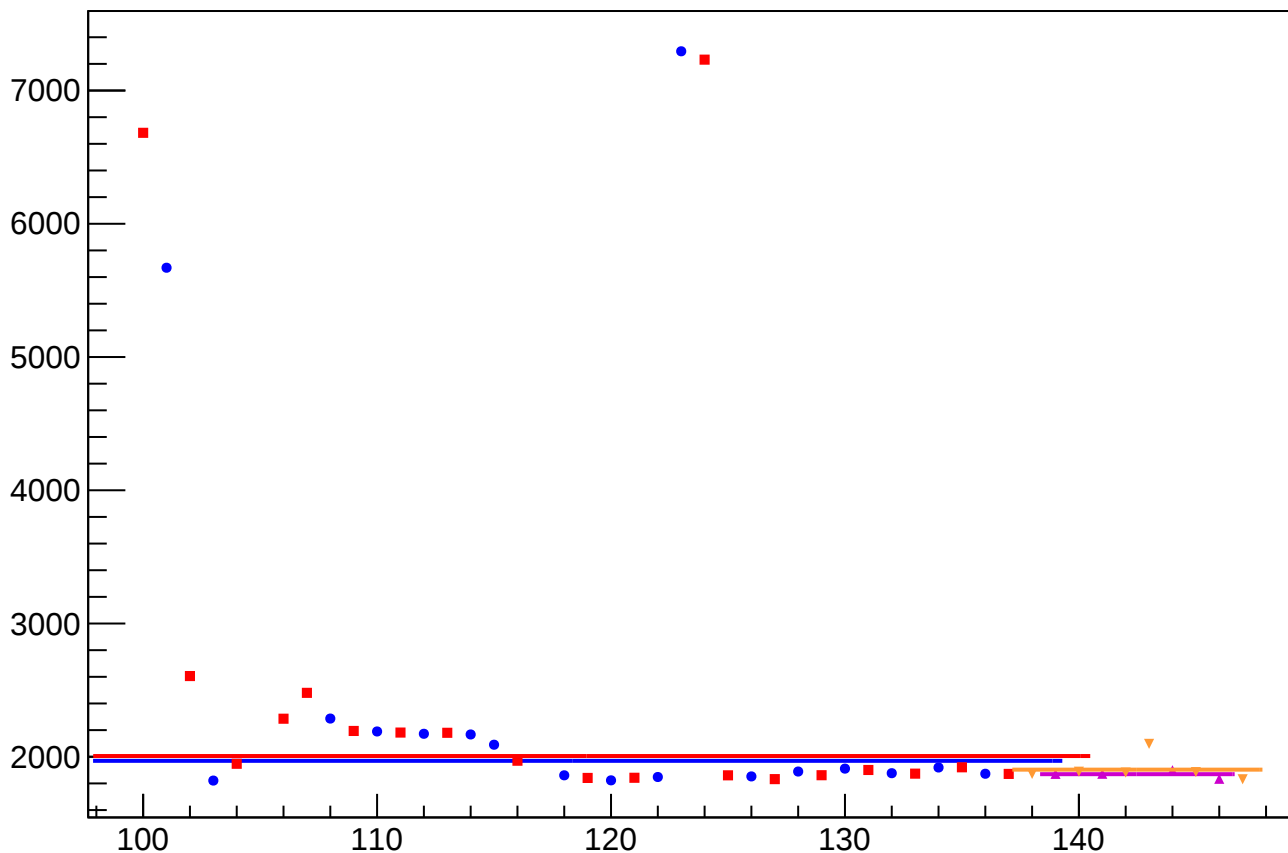
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -1280.743 ± 621.580 $\chi^2/\text{NDF}: 26.0/20$

Out: -483.575 ± 591.477 $\chi^2/\text{NDF}: 25.8/24$

All: -862.389 ± 428.484 $\chi^2/\text{NDF}: 52.6/45$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.347+/-0.653 χ^2/NDF : 16190.2/5

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

Left In: 1869.344+/-0.728 χ^2/NDF : 996.6/3

Left: 1888.187+/-0.486 χ^2/NDF : 18394.5/9

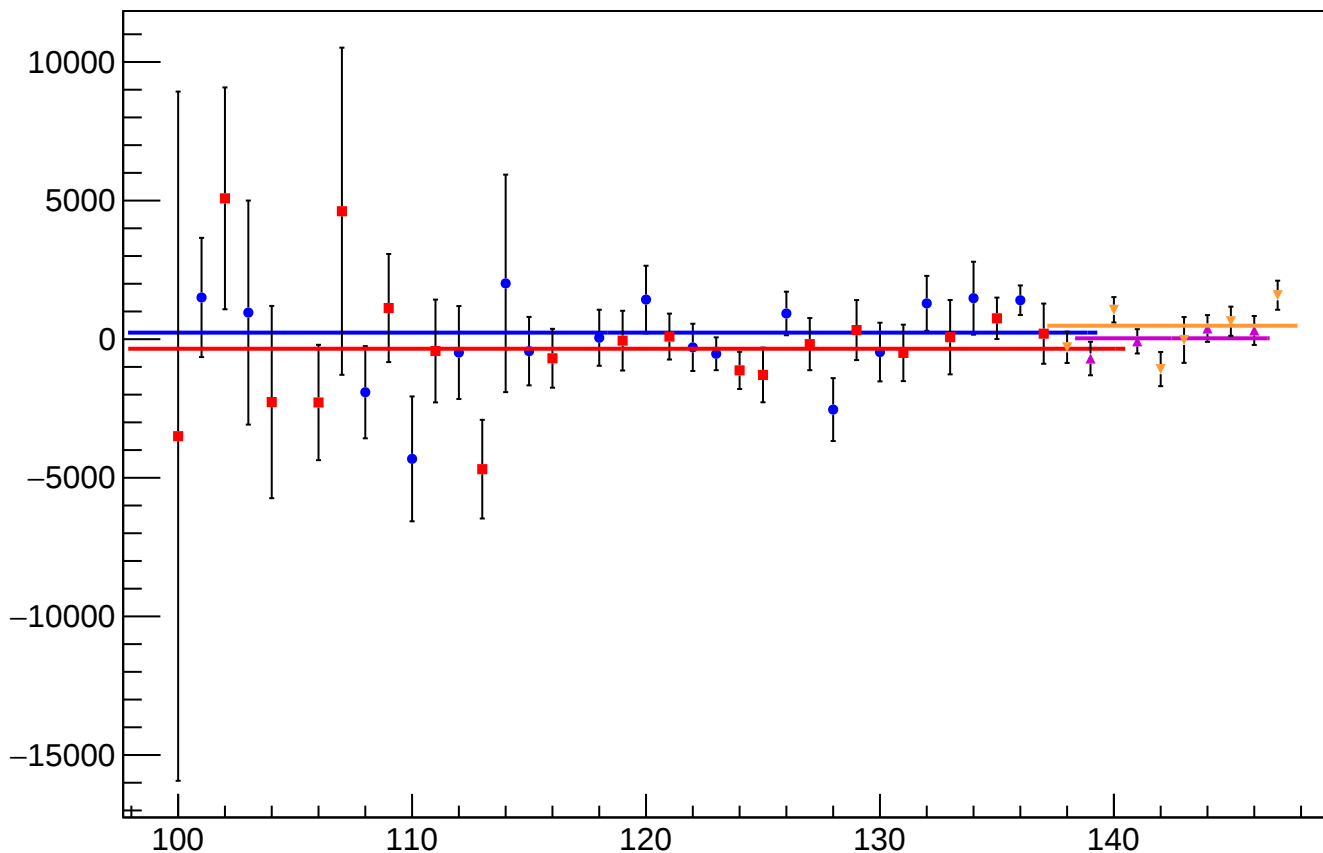
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1933.024+/-0.440 χ^2/NDF : 615829.0/20

Out: 1963.665+/-0.418 χ^2/NDF : 390278.7/24

All: 1949.105+/-0.303 χ^2/NDF : 1008658.2/45

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 486.007 $\pm$ 227.946 χ^2 /NDF:14.8/5

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

Left In: 32.317 $\pm$ 250.775 χ^2 /NDF:2.3/3

Left: 280.748 $\pm$ 168.677 χ^2 /NDF: 18.9/9

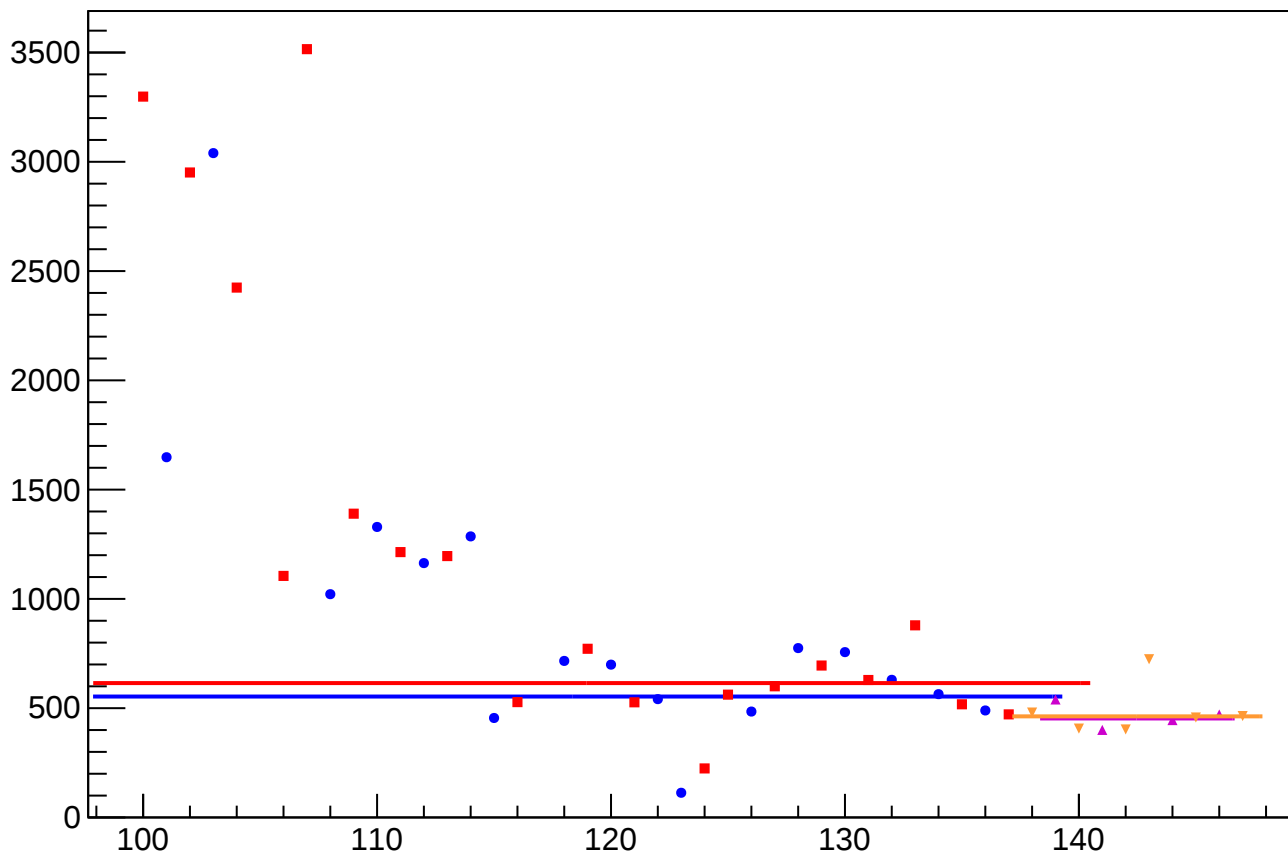
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 135.480 $\pm$ 176.552 χ^2 /NDF:26.6/20

Out: 138.270 $\pm$ 173.775 χ^2 /NDF:36.3/24

All: 136.897 $\pm$ 123.847 χ^2 /NDF: 62.9/45

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 462.558+/-0.161 χ^2/NDF : 251311.9/5

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

Left In: 452.898+/-0.177 χ^2/NDF : 72694.4/3

Left: 458.188+/-0.119 χ^2/NDF : 325631.3/9

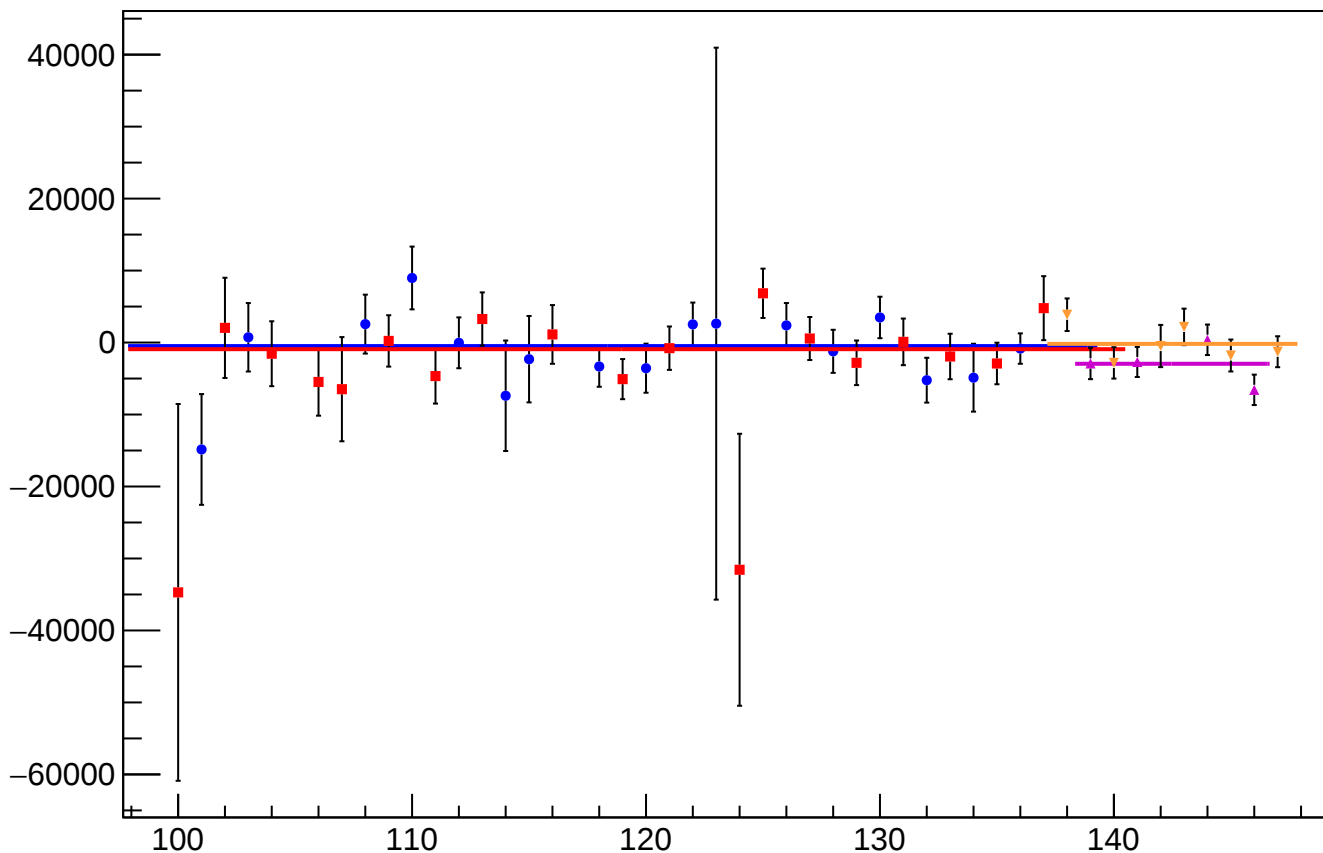
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 503.525+/-0.125 χ^2/NDF : 3647064.0/20

Out: 526.332+/-0.123 χ^2/NDF : 4194713.6/24

All: 515.110+/-0.088 χ^2/NDF : 7858729.8/45

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -183.083+/-955.212 χ^2/NDF : 6.3/5

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

Left In: -2949.469+/-1062.132 χ^2/NDF : 5.4/3

Left: -1420.067+/-710.239 χ^2/NDF : 15.5/9

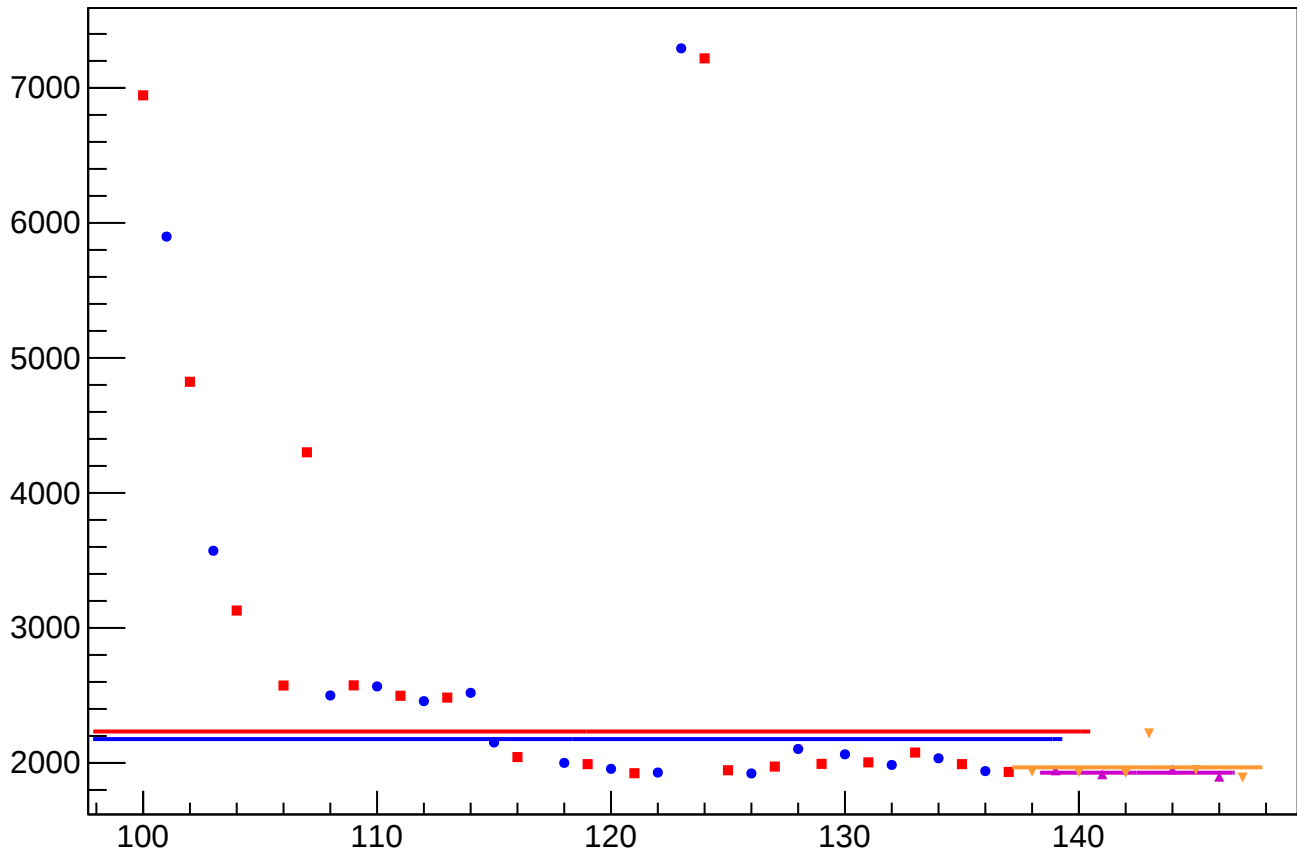
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -1475.986+/-672.105 χ^2/NDF : 27.2/20

Out: -587.477+/-642.662 χ^2/NDF : 25.6/24

All: -1011.844+/-464.491 χ^2/NDF : 53.7/45

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1967.290 $\pm$ 0.675 χ^2 /NDF: 23533.2/5

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

Left In: 1927.819 $\pm$ 0.751 χ^2 /NDF: 844.5/3

Left: 1949.641 $\pm$ 0.502 χ^2 /NDF: 25904.8/9

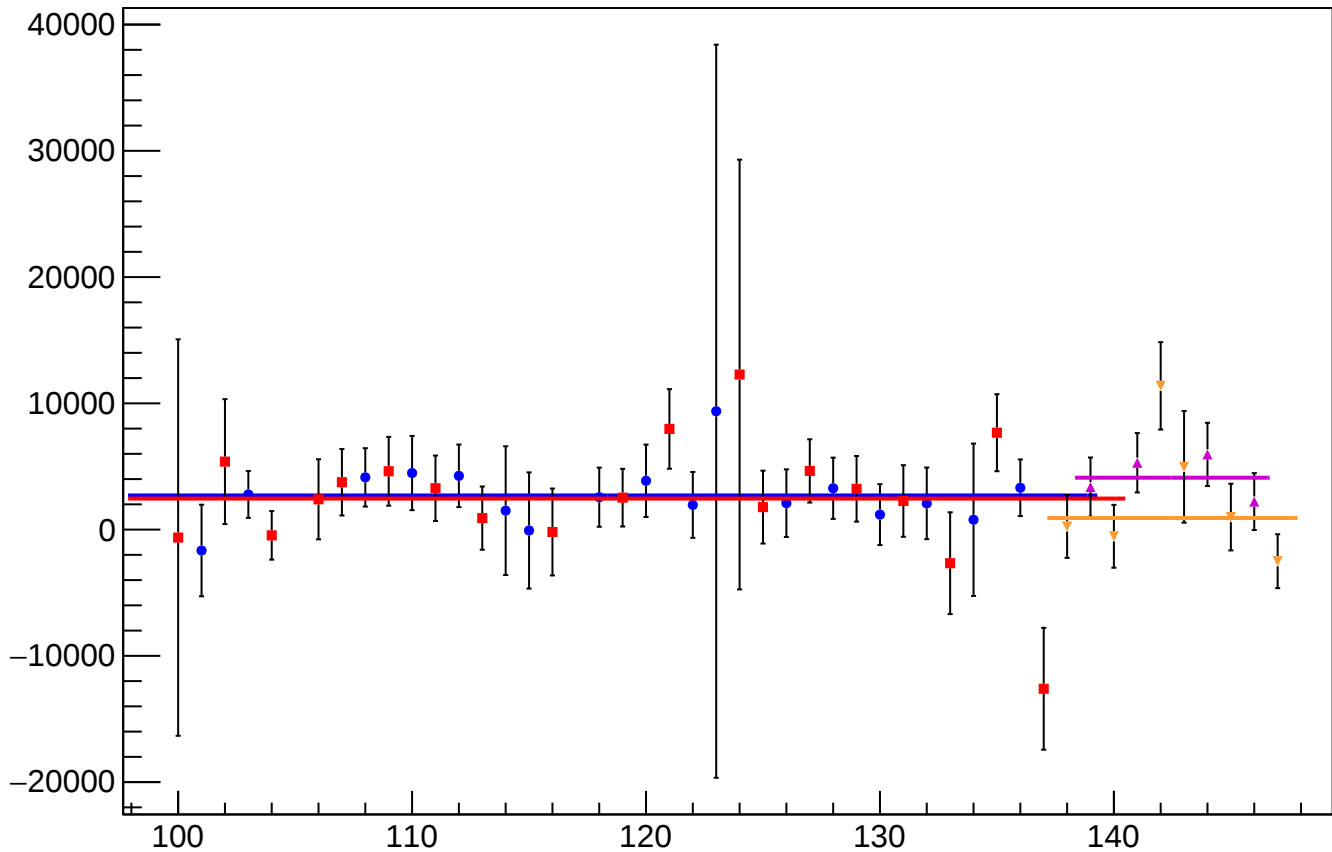
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2077.070 $\pm$ 0.475 χ^2 /NDF: 869389.0/20

Out: 2112.662 $\pm$ 0.454 χ^2 /NDF: 998716.5/24

All: 2095.663 $\pm$ 0.328 χ^2 /NDF: 1871035.4/45

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 918.117+/-1104.191 χ^2/NDF :13.0/5

Right Out: 2458.734+/-682.630 χ^2/NDF : 23.2/18

Left In: 4111.090+/-1178.841 χ^2/NDF :1.6/3

Left: 2410.312+/-805.880 χ^2/NDF : 18.5/9

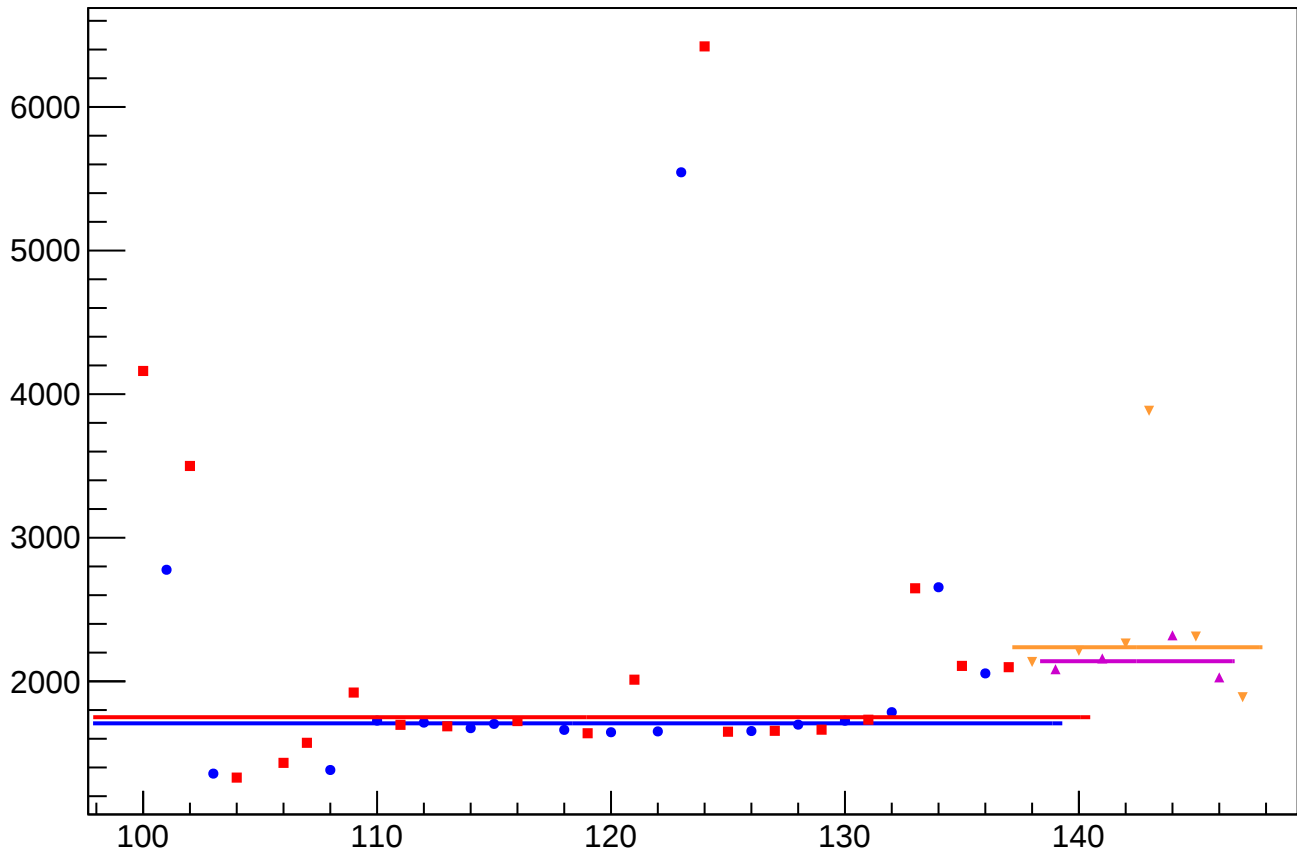
Right: 2582.696+/-479.575 χ^2/NDF : 27.3/35

In: 3050.203+/-585.049 χ^2/NDF :6.7/20

Out: 2032.734+/-580.632 χ^2/NDF :37.6/24

All: 2537.614+/-412.122 χ^2/NDF : 45.8/45

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2237.406 ± 0.781 $\chi^2/\text{NDF}: 336140.5/5$

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

Left In: 2140.027 ± 0.834 $\chi^2/\text{NDF}: 16628.7/3$

Left: 2191.897 ± 0.570 $\chi^2/\text{NDF}: 360038.7/9$

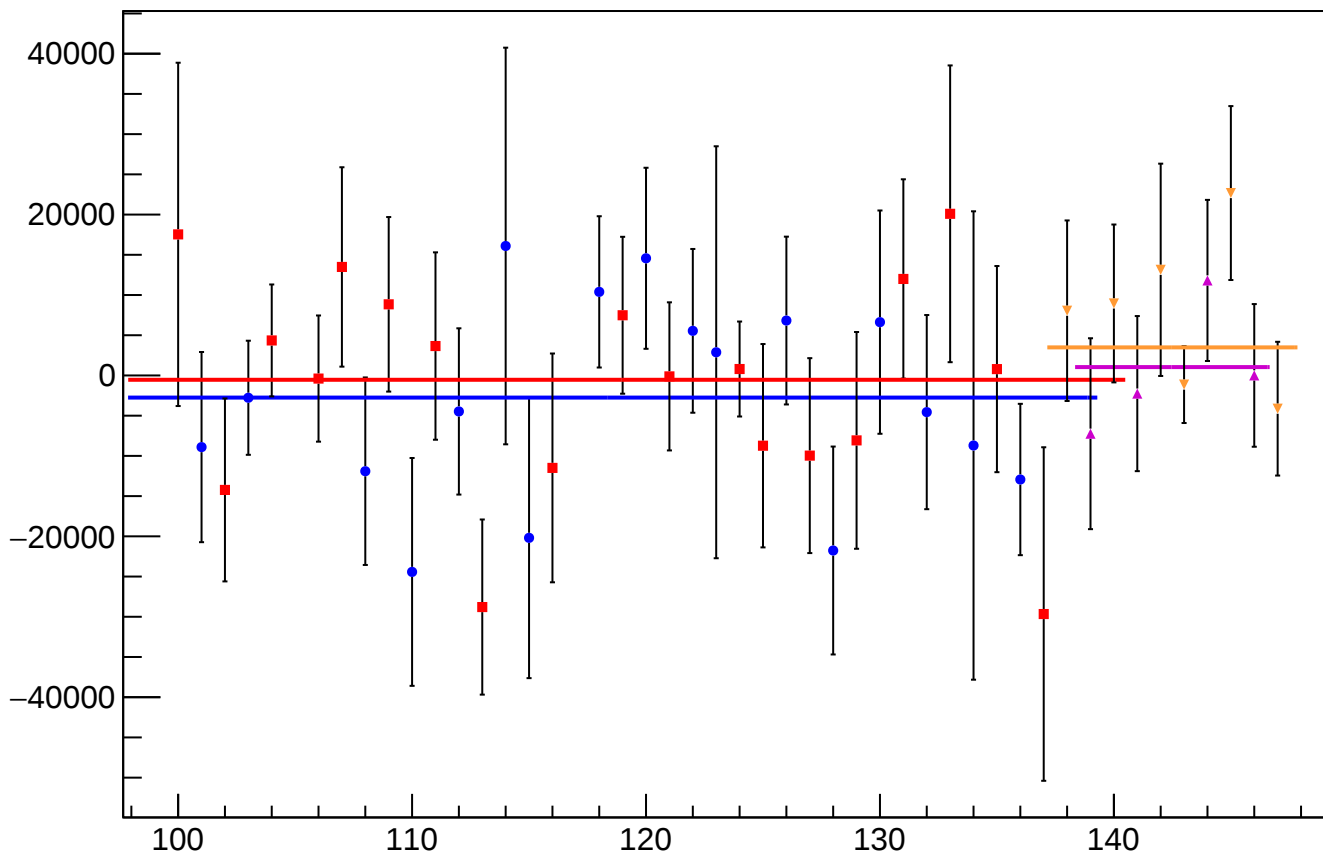
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1813.948 ± 0.414 $\chi^2/\text{NDF}: 641829.8/20$

Out: 1884.803 ± 0.410 $\chi^2/\text{NDF}: 1364488.0/24$

All: 1849.651 ± 0.291 $\chi^2/\text{NDF}: 2021099.5/45$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3488.834 $\pm$ 3317.581 χ^2 /NDF: 5.9/5

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

Left In: 1039.356 $\pm$ 4966.143 χ^2 /NDF: 1.8/3

Left: 2733.000 $\pm$ 2758.645 χ^2 /NDF: 7.9/9

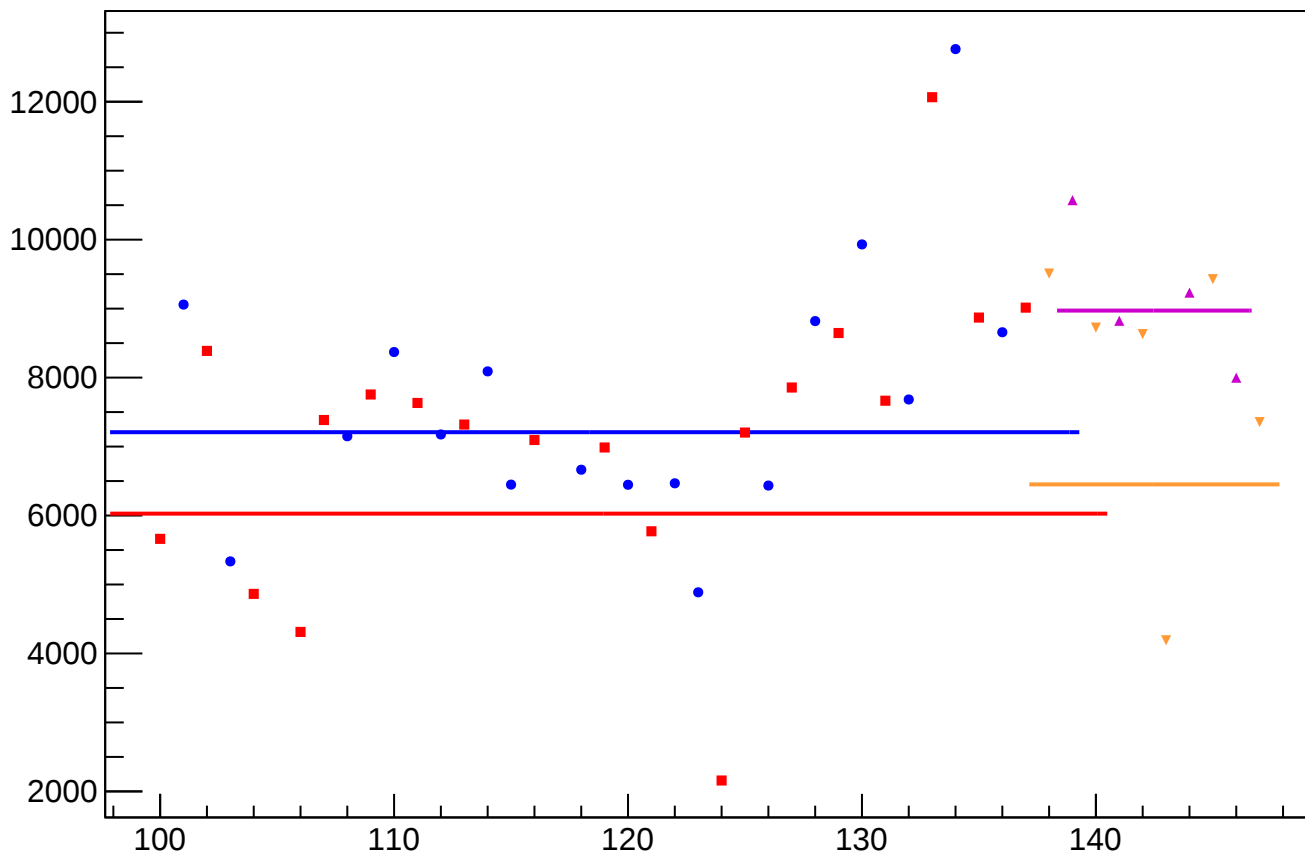
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -1815.500 $\pm$ 2466.908 χ^2 /NDF: 16.8/20

Out: 863.976 $\pm$ 1957.739 χ^2 /NDF: 25.4/24

All: -171.450 $\pm$ 1533.513 χ^2 /NDF: 42.9/45

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6451.320+/-2.346 χ^2/NDF : 932686.3/5

Right Out: 6027.409+/-1.715 χ^2/NDF : 1798157.6/18

Left In: 8971.657+/-3.512 χ^2/NDF : 62317.3/3

Left: 7229.020+/-1.951 χ^2/NDF : 1351173.5/9

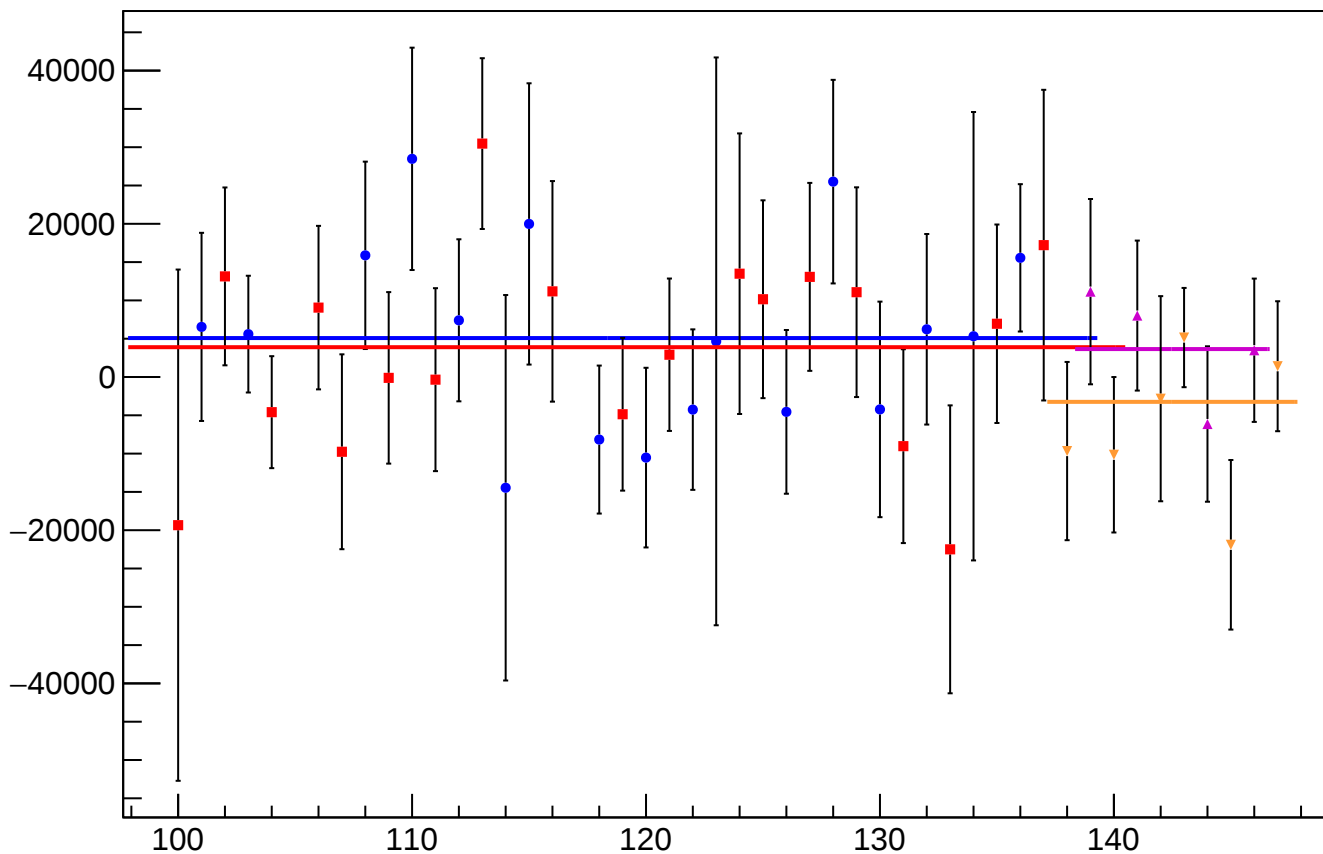
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7643.453+/-1.744 χ^2/NDF : 745993.5/20

Out: 6175.028+/-1.384 χ^2/NDF : 2752126.7/24

All: 6742.469+/-1.084 χ^2/NDF : 3932923.9/45

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -3243.716+/-3819.213 χ^2/NDF : 5.6/5

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

Left In: 3647.857+/-5102.399 χ^2/NDF : 1.5/3

Left: -769.048+/-3057.551 χ^2/NDF : 8.3/9

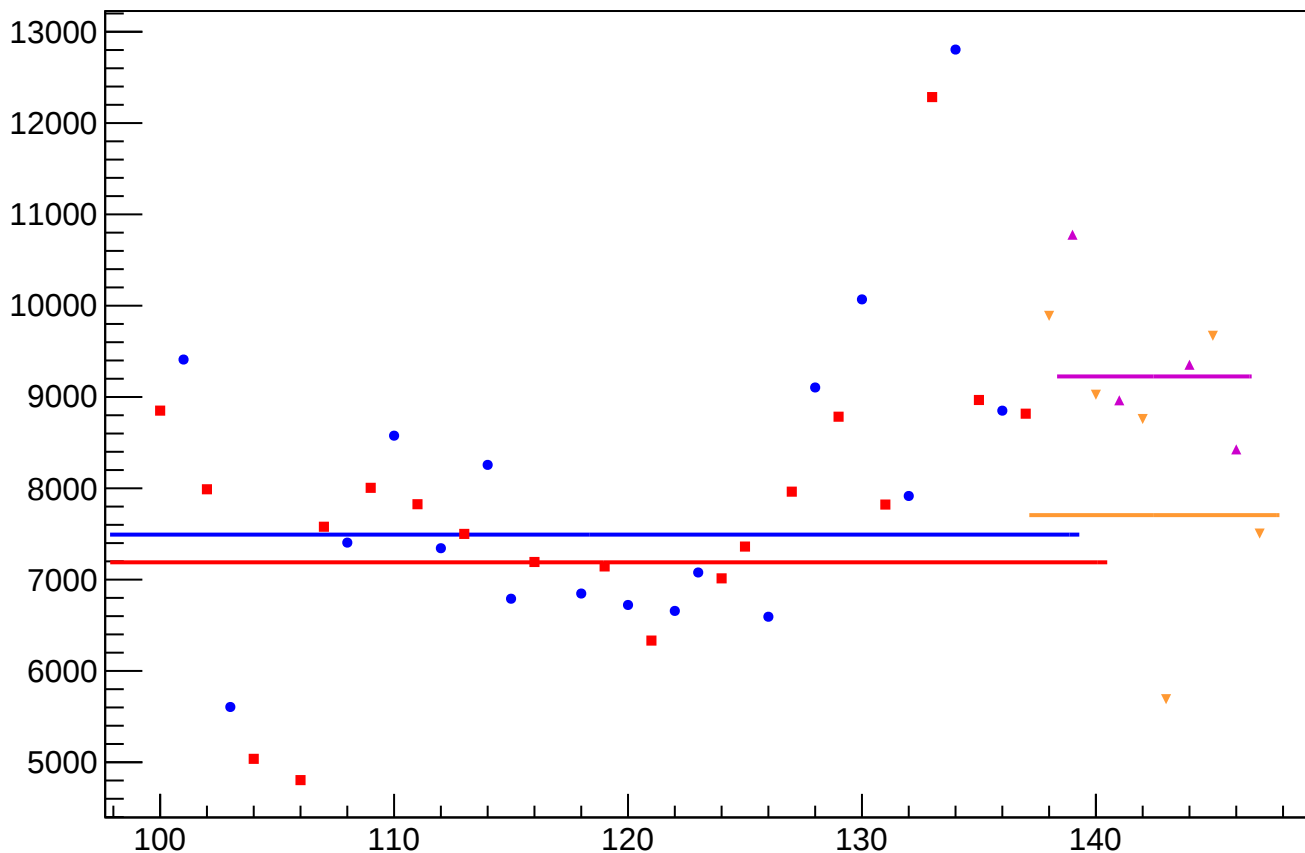
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 4723.721+/-2557.280 χ^2/NDF : 15.5/20

Out: 1408.726+/-2253.034 χ^2/NDF : 23.5/24

All: 2857.390+/-1690.522 χ^2/NDF : 40.0/45

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7706.335 $\pm$ 2.701 χ^2/NDF :374209.4/5

Right Out: 7189.504 $\pm$ 1.973 χ^2/NDF : 560893.8/18

Left In: 9225.201 $\pm$ 3.608 χ^2/NDF :49268.1/3

Left: 8251.739 $\pm$ 2.162 χ^2/NDF : 537062.1/9

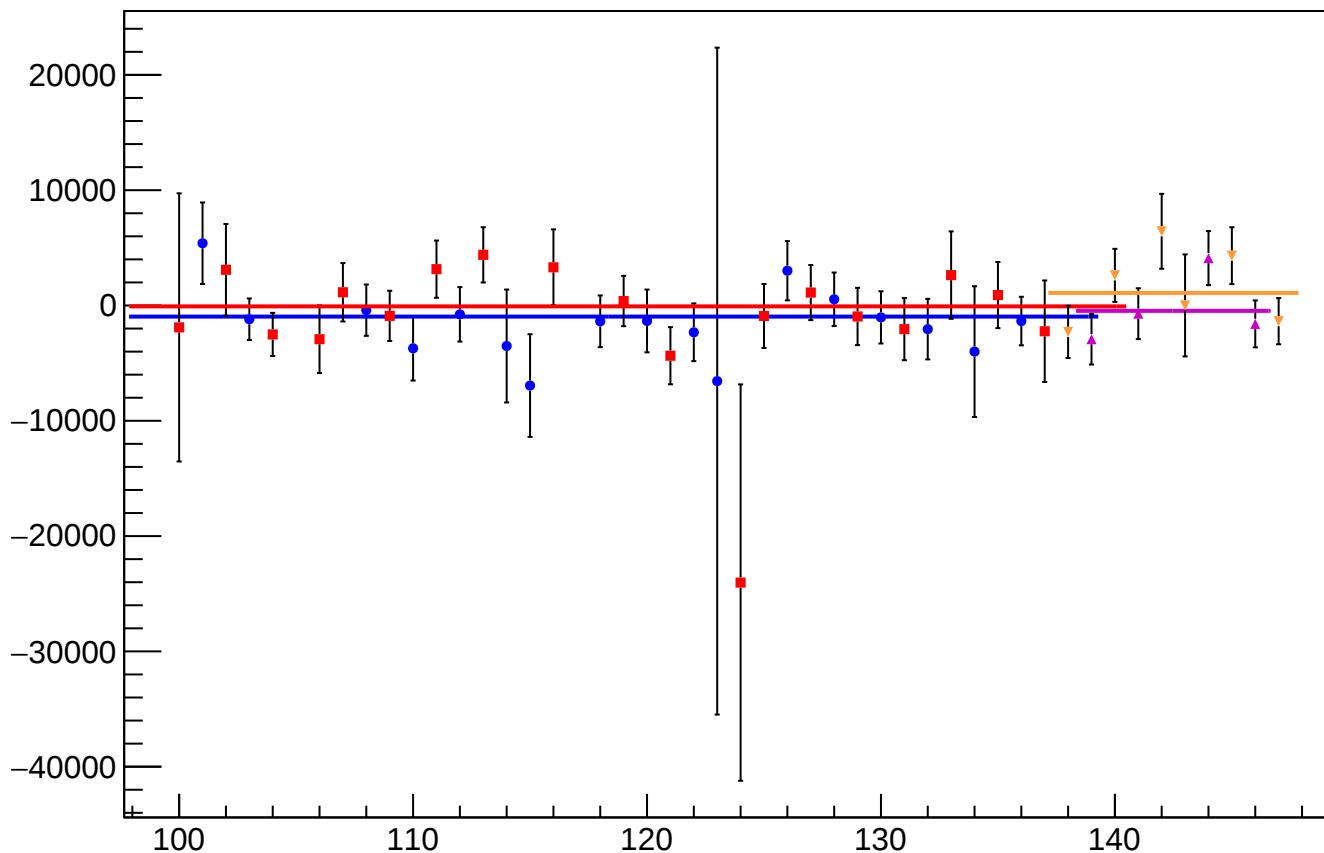
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

In: 7928.039 $\pm$ 1.808 χ^2/NDF :658973.7/20

Out: 7369.335 $\pm$ 1.593 χ^2/NDF :958984.7/24

All: 7613.473 $\pm$ 1.195 χ^2/NDF : 1671709.0/45

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1089.970+/-1029.262 χ^2/NDF : 8.6/5

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

Left In: -466.088+/-1093.468 χ^2/NDF : 5.4/3

Left: 358.964+/-749.469 χ^2/NDF : 15.1/9

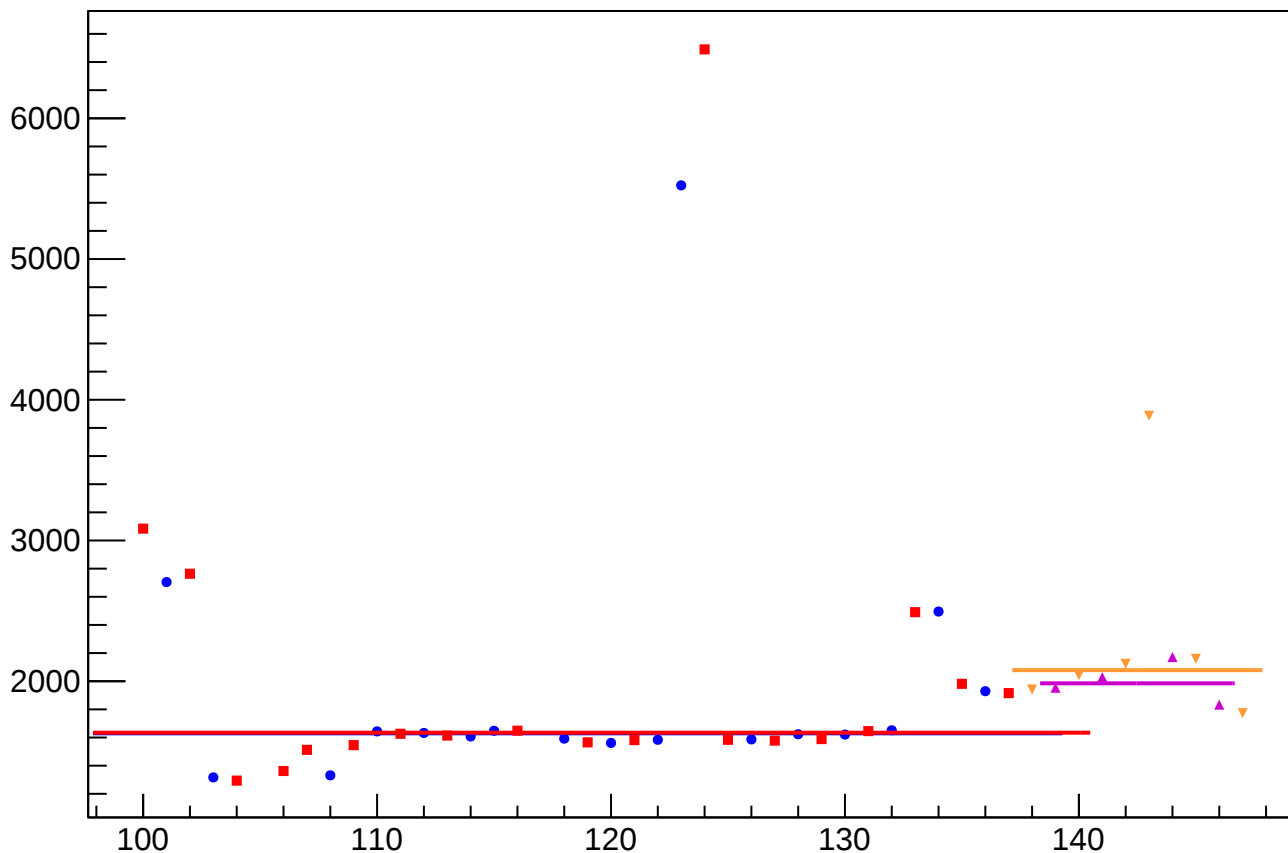
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -834.975+/-554.287 χ^2/NDF : 15.6/20

Out: 243.792+/-539.490 χ^2/NDF : 26.3/24

All: -281.000+/-386.603 χ^2/NDF : 43.9/45

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2078.903+/-0.728 χ^2/NDF : 391074.3/5

Right Out: 1634.258+/-0.448 χ^2/NDF : 588649.4/18

Left In: 1985.079+/-0.773 χ^2/NDF : 24981.2/3

Left: 2034.826+/-0.530 χ^2/NDF : 423862.8/9

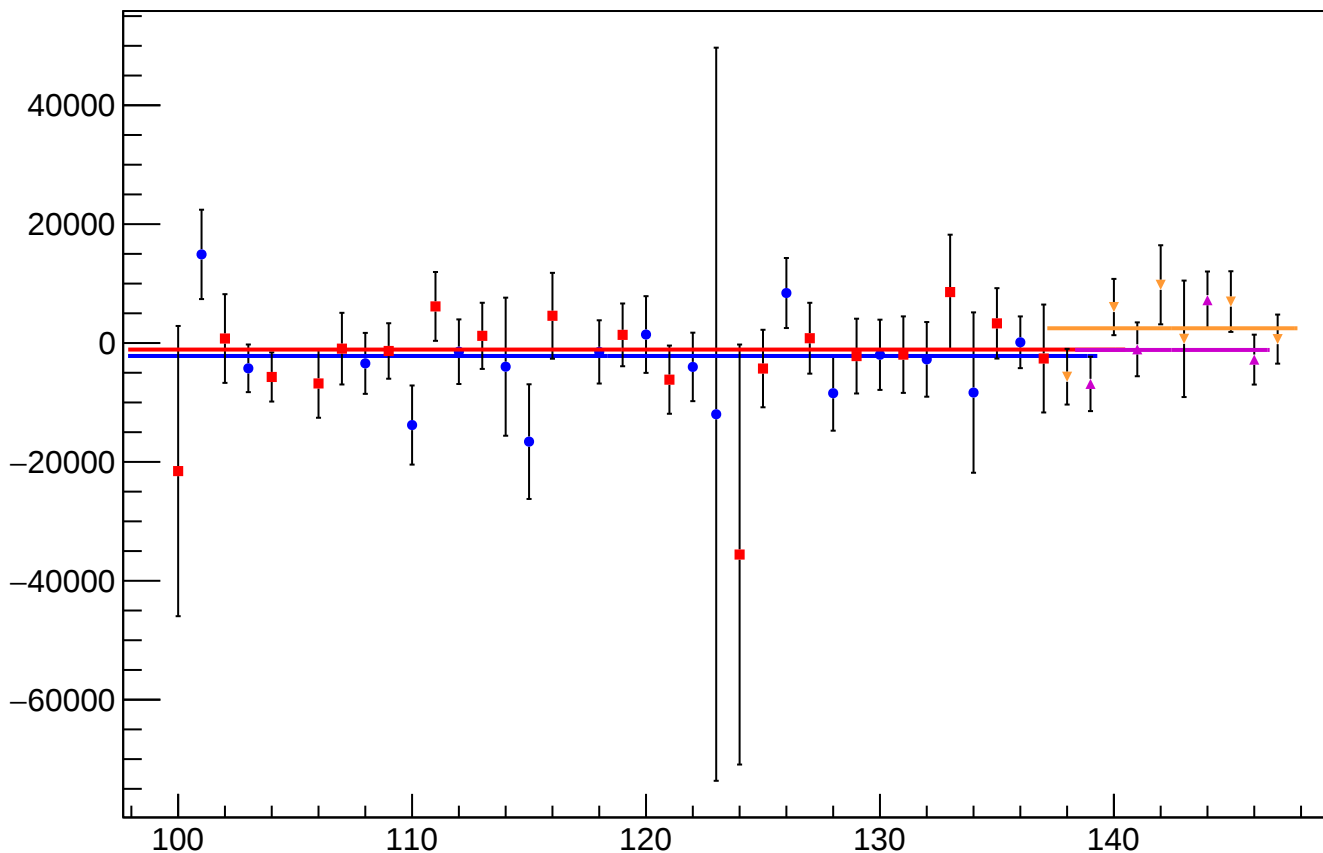
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1721.205+/-0.392 χ^2/NDF : 589878.5/20

Out: 1756.417+/-0.381 χ^2/NDF : 1250433.0/24

All: 1739.287+/-0.273 χ^2/NDF : 1844456.3/45

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2483.266+/-2130.443 χ^2/NDF : 5.8/5

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

Left In: -1164.190+/-2258.246 χ^2/NDF : 4.7/3

Left: 765.666+/-1549.663 χ^2/NDF : 11.9/9

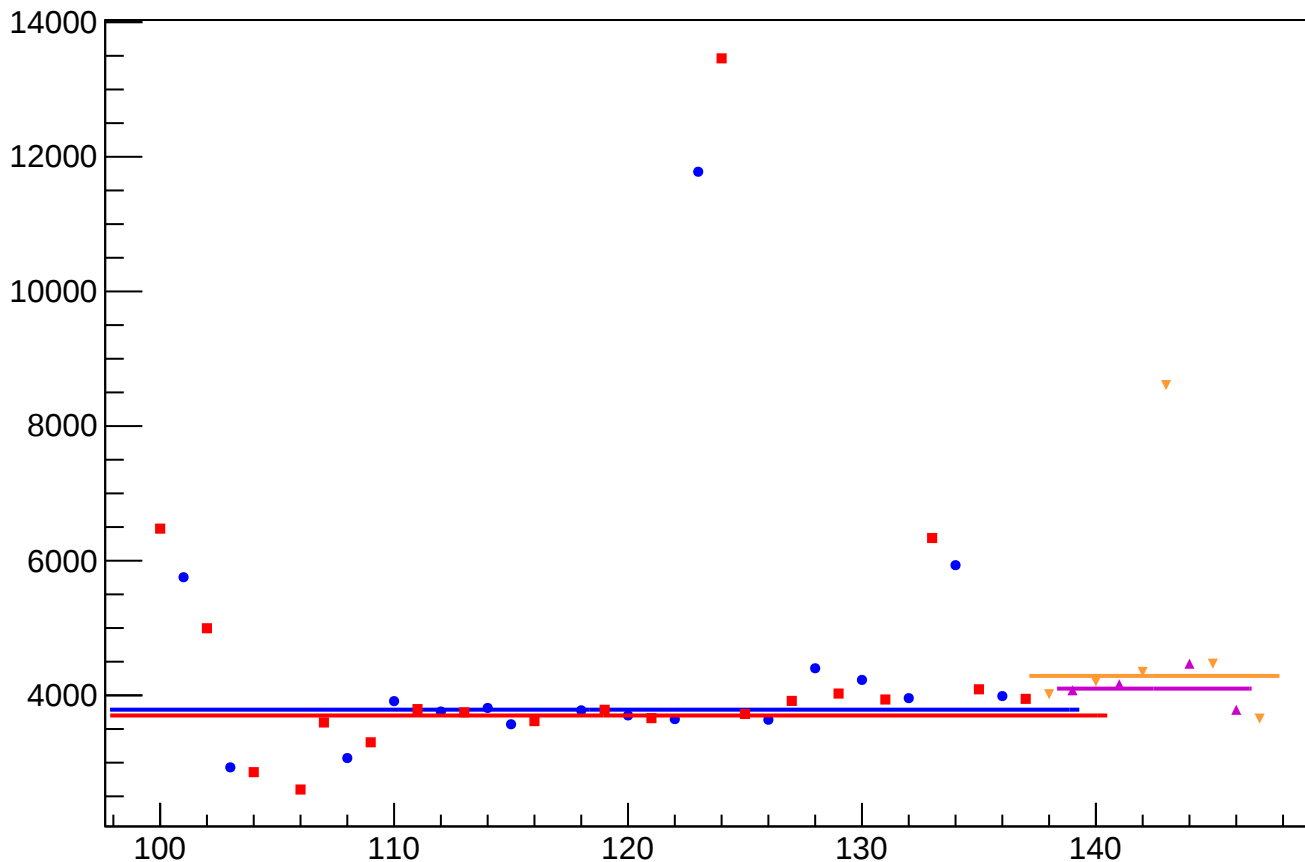
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1870.506+/-1245.438 χ^2/NDF : 20.8/20

Out: 24.632+/-1192.933 χ^2/NDF : 17.0/24

All: -882.148+/-861.495 χ^2/NDF : 39.1/45

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4288.726+/-1.506 χ^2/NDF : 446221.5/5

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

Left In: 4100.114+/-1.597 χ^2/NDF : 23450.2/3

Left: 4199.908+/-1.096 χ^2/NDF : 477053.5/9

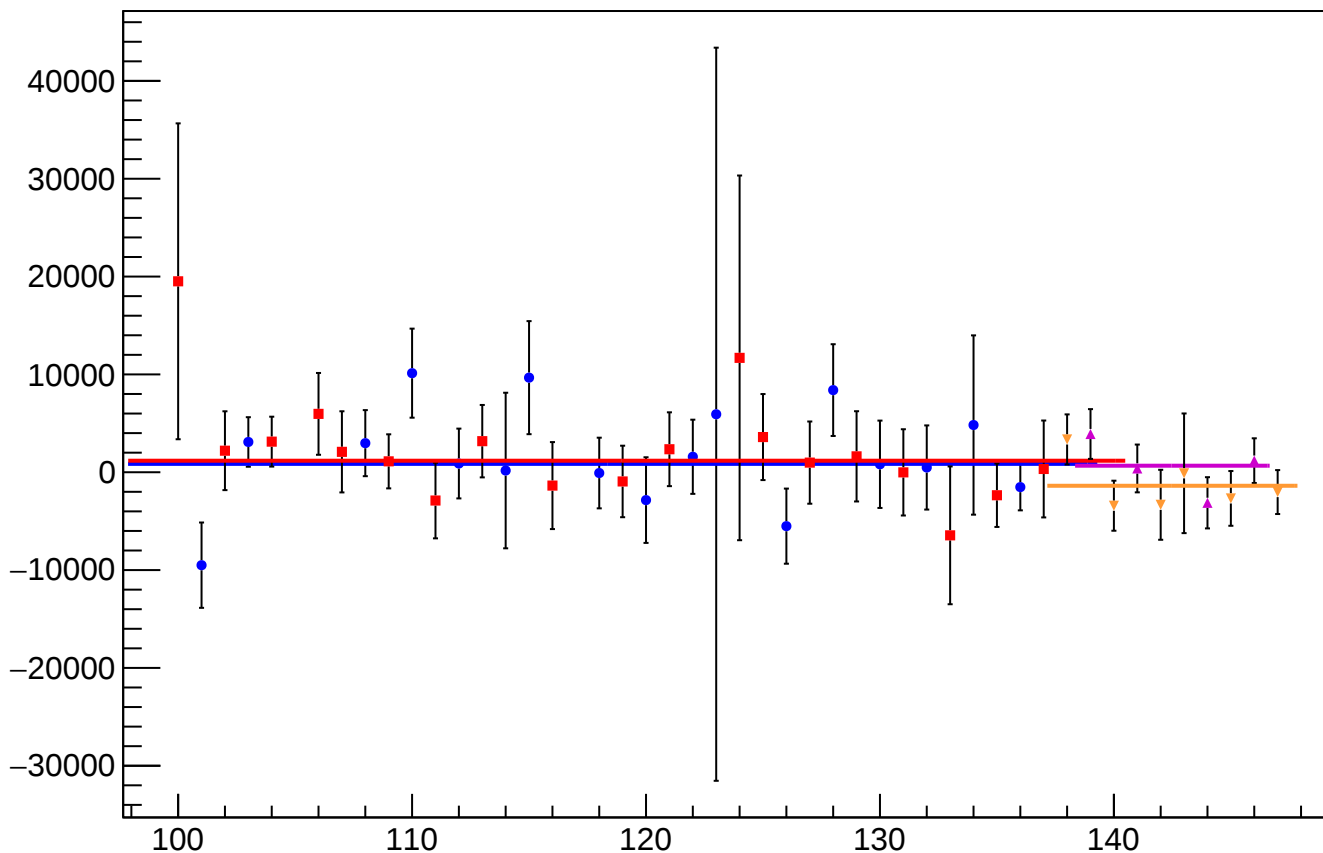
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3882.446+/-0.881 χ^2/NDF : 442804.3/20

Out: 3885.223+/-0.844 χ^2/NDF : 1131827.4/24

All: 3883.894+/-0.609 χ^2/NDF : 1574636.9/45

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1382.173 ± 1165.057 χ^2/NDF : 4.7/5

Right Out: 1178.044 ± 925.669 χ^2/NDF : 8.6/18

Left In: 668.181 ± 1230.837 χ^2/NDF : 3.8/3

Left: -413.247 ± 846.119 χ^2/NDF : 9.9/9

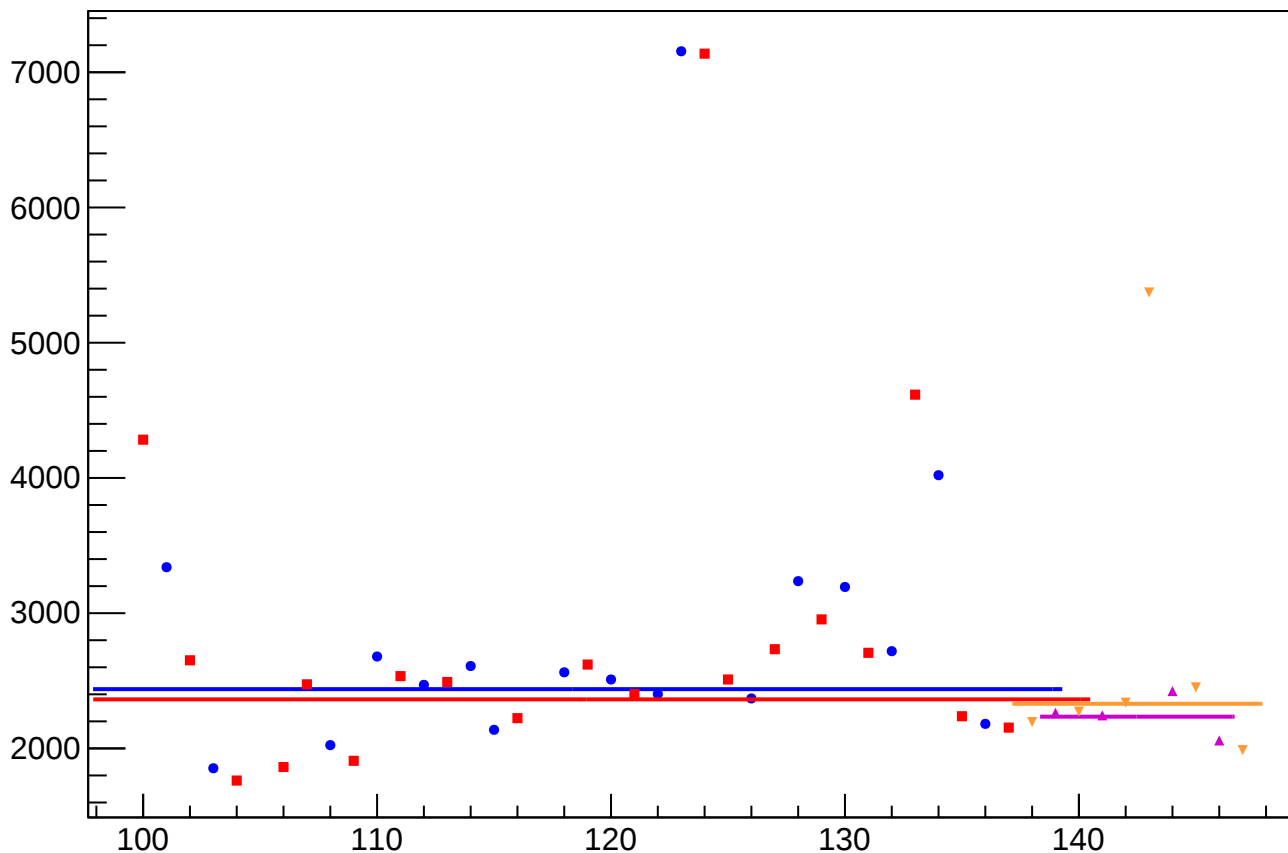
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 784.639 ± 759.297 χ^2/NDF : 24.5/20

Out: 187.286 ± 724.757 χ^2/NDF : 16.2/24

All: 472.068 ± 524.266 χ^2/NDF : 41.0/45

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2330.059+/-0.824 χ^2/NDF : 551732.2/5

Right Out: 2362.739+/-0.655 χ^2/NDF : 657525.3/18

Left In: 2234.695+/-0.870 χ^2/NDF : 22579.8/3

Left: 2284.993+/-0.598 χ^2/NDF : 580644.4/9

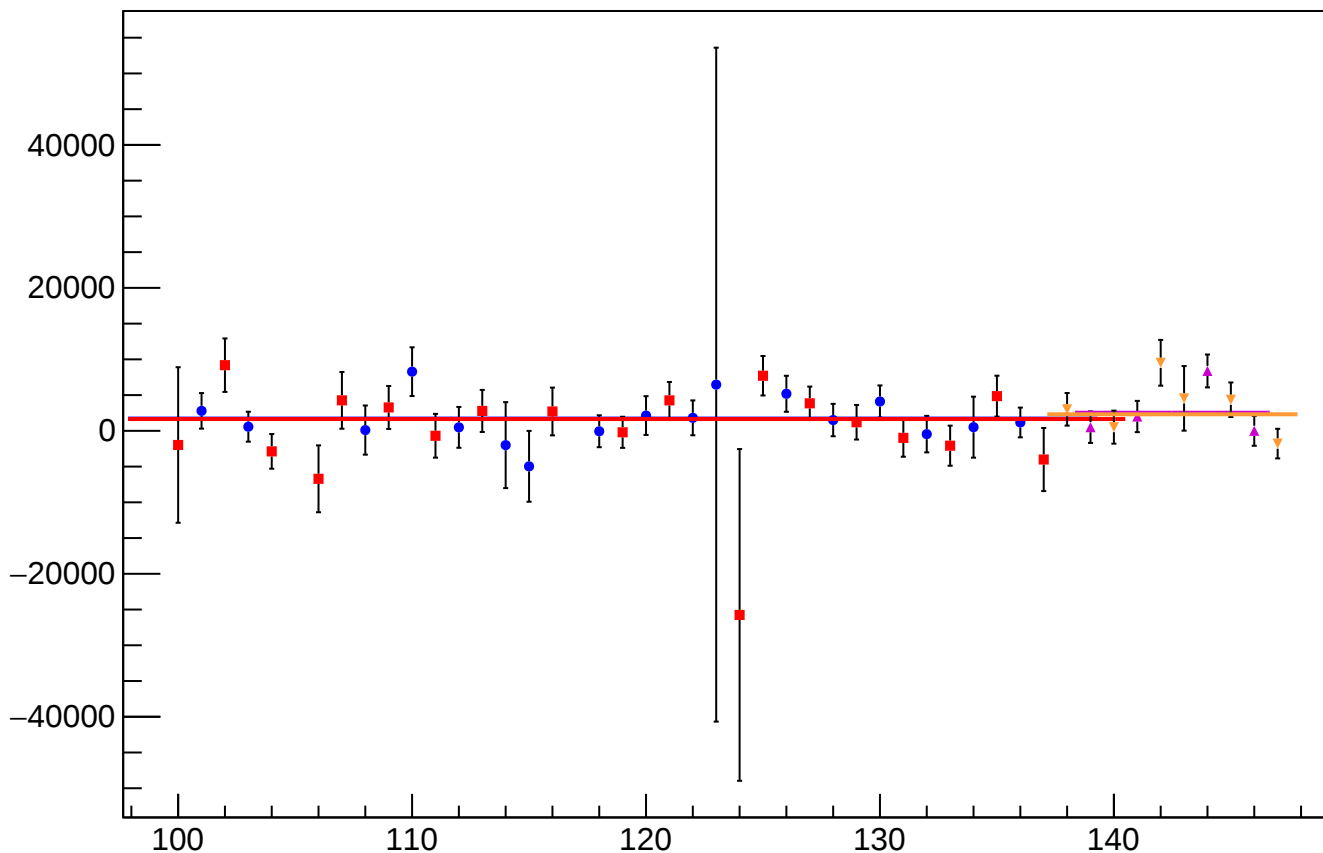
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2360.801+/-0.537 χ^2/NDF : 533195.6/20

Out: 2350.093+/-0.512 χ^2/NDF : 1210222.2/24

All: 2355.198+/-0.371 χ^2/NDF : 1743625.9/45

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2314.062+/-1036.554 χ^2/NDF : 10.6/5

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

Left In: 2534.793+/-1096.385 χ^2/NDF : 8.8/3

Left: 2418.241+/-753.218 χ^2/NDF : 19.5/9

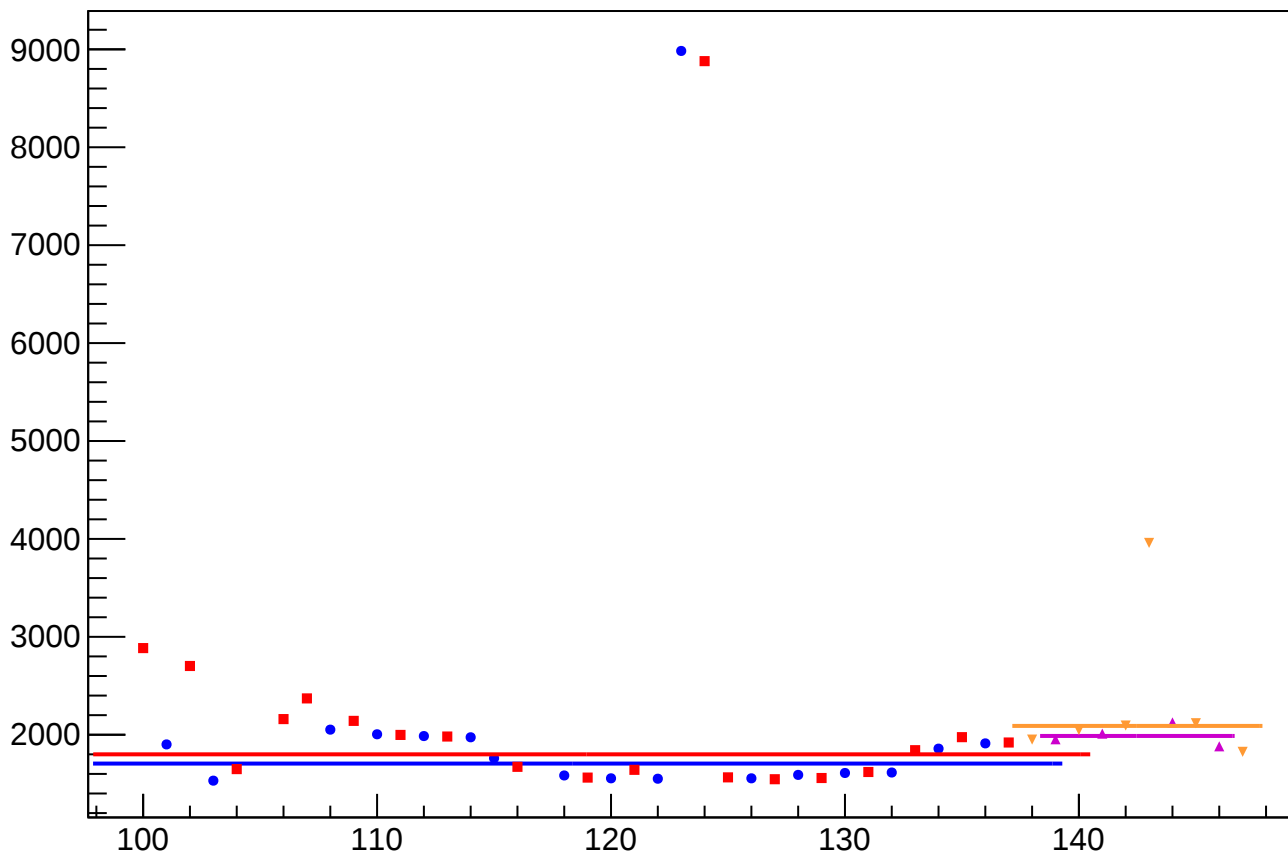
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 1934.746+/-569.928 χ^2/NDF : 20.6/20

Out: 1856.016+/-576.843 χ^2/NDF : 37.9/24

All: 1895.856+/-405.423 χ^2/NDF : 58.5/45

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2090.198+/-0.733 χ^2/NDF : 383438.5/5

Right Out: 1799.992+/-0.490 χ^2/NDF : 538779.9/18

Left In: 1987.710+/-0.775 χ^2/NDF : 13064.7/3

Left: 2041.827+/-0.533 χ^2/NDF : 405731.2/9

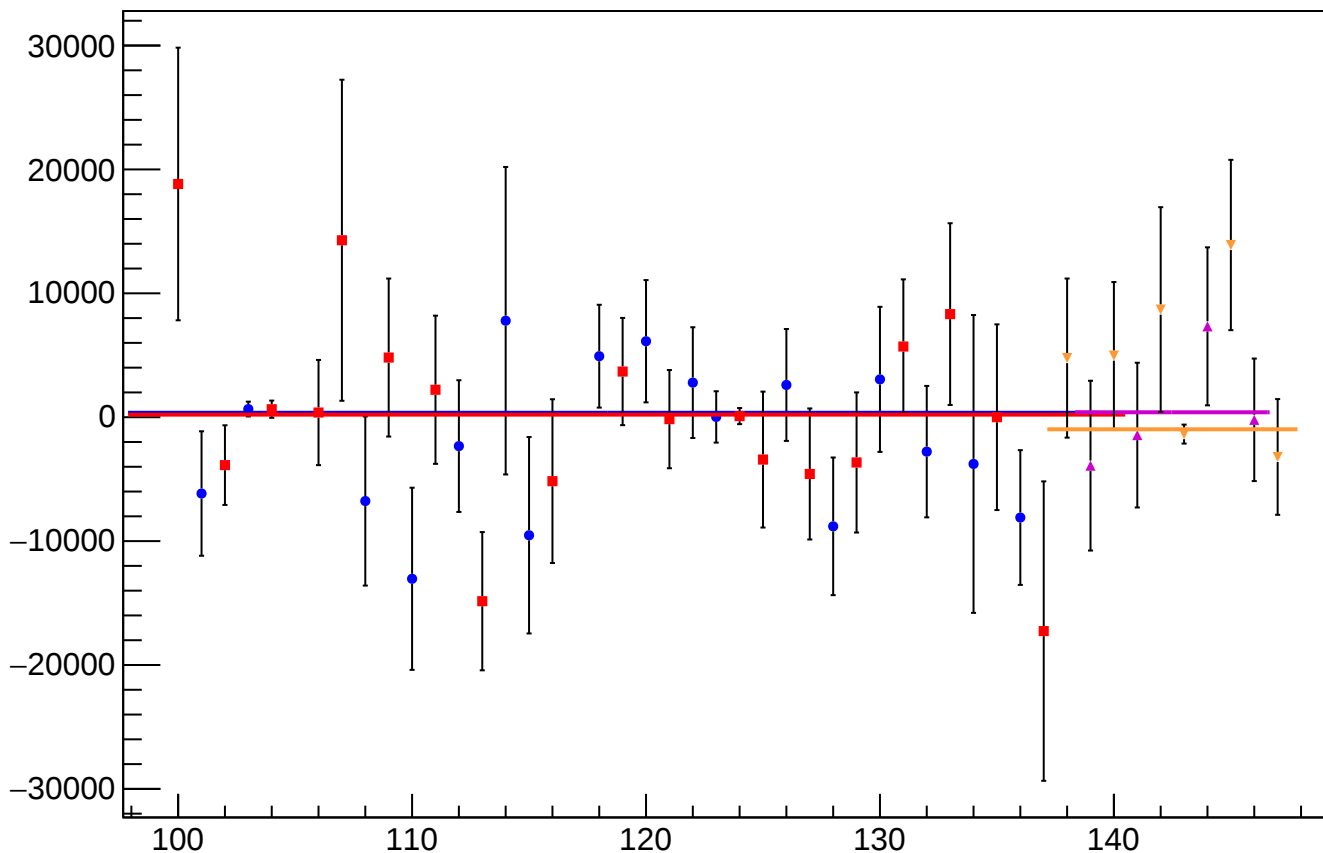
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1781.848+/-0.403 χ^2/NDF : 303857.2/20

Out: 1889.596+/-0.407 χ^2/NDF : 1030583.4/24

All: 1835.154+/-0.286 χ^2/NDF : 1369805.1/45

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: -974.088+/-737.610 χ^2/NDF : 8.3/5

Right Out: 209.907+/-446.627 χ^2/NDF : 21.4/18

Left In: 397.526+/-2934.846 χ^2/NDF : 1.7/3

Left: -892.596+/-715.363 χ^2/NDF : 10.2/9

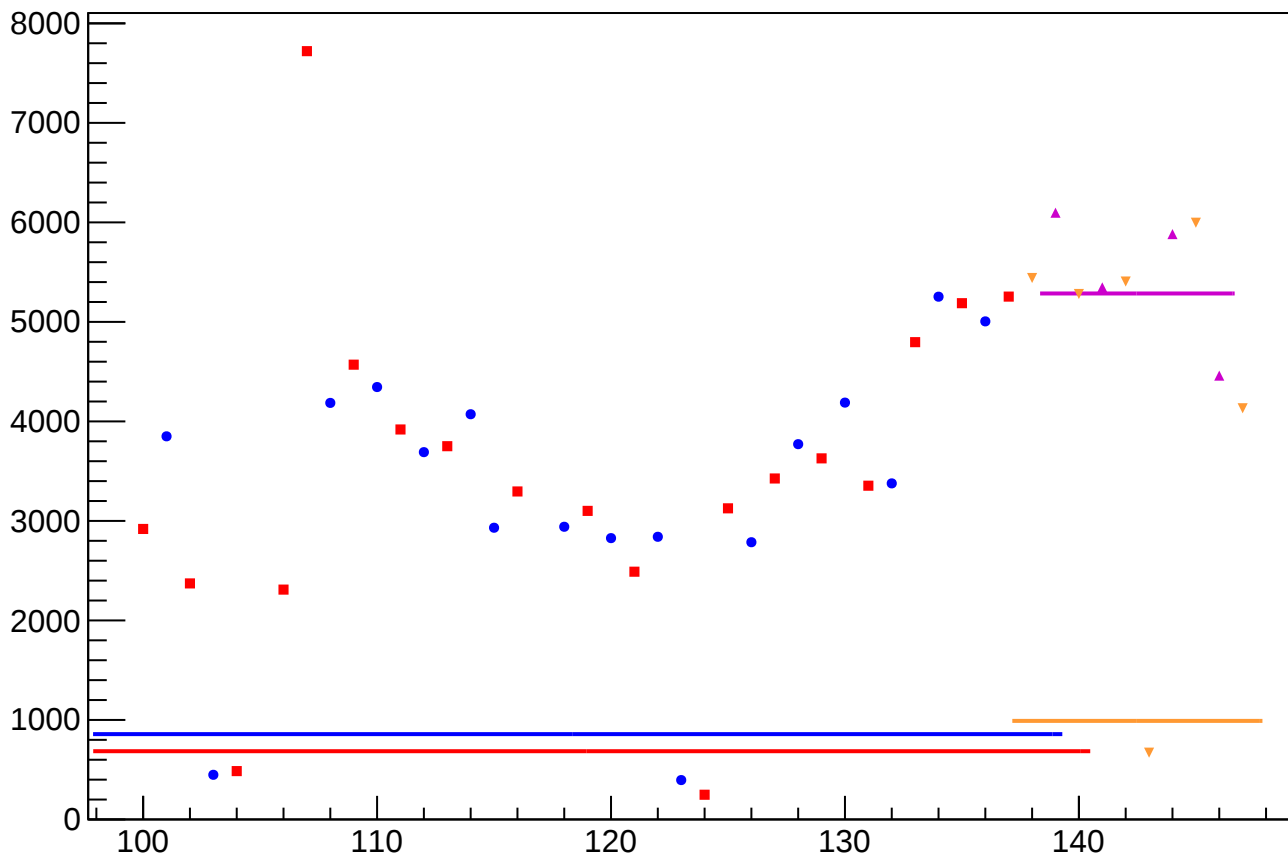
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 358.319+/-524.621 χ^2/NDF : 19.2/20

Out: -107.731+/-382.048 χ^2/NDF : 31.6/24

All: 53.777+/-308.834 χ^2/NDF : 51.3/45

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 990.494+/-0.522 χ^2/NDF : 4888146.6/5

Right Out: 685.800+/-0.316 χ^2/NDF : 9461114.1/18

Left In: 5285.571+/-2.075 χ^2/NDF : 101549.5/3

Left: 1245.678+/-0.506 χ^2/NDF : 9018723.1/9

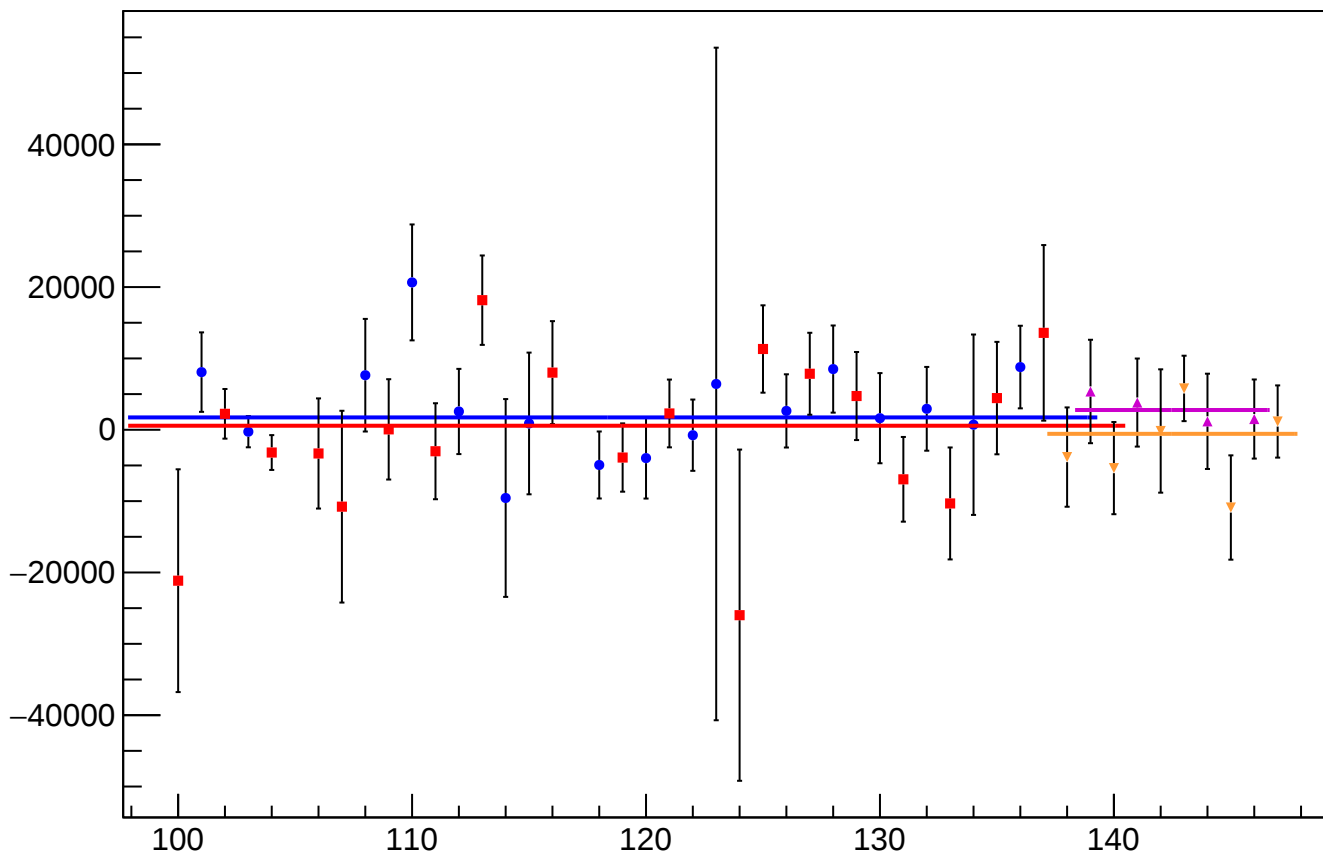
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

In: 998.966+/-0.371 χ^2/NDF : 12684289.0/20

Out: 767.543+/-0.270 χ^2/NDF : 14598979.6/24

All: 847.741+/-0.218 χ^2/NDF : 27537580.9/45

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -568.310+/-2474.347 χ^2/NDF : 4.8/5

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

Left In: 2771.479+/-3158.281 χ^2/NDF : 0.3/3

Left: 701.947+/-1947.768 χ^2/NDF : 5.8/9

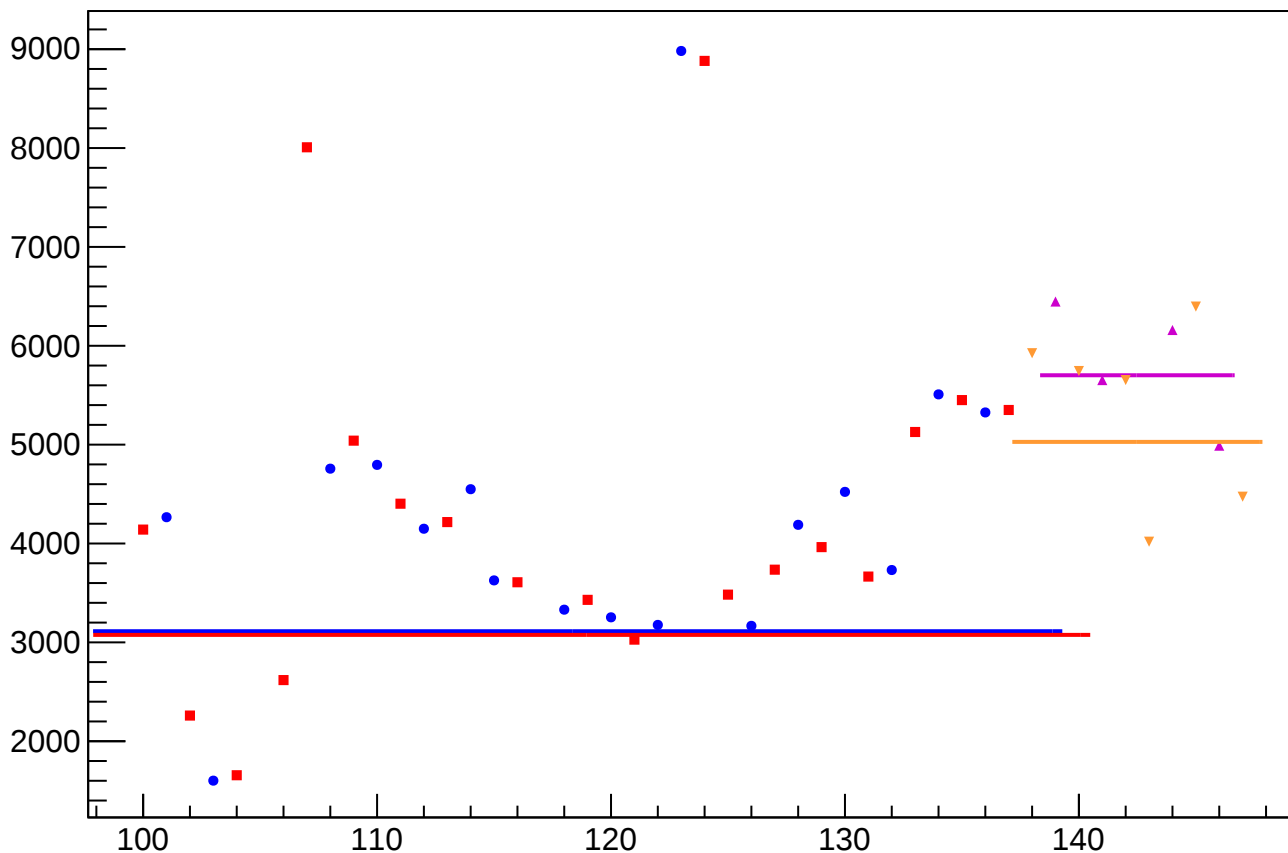
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1884.601+/-1205.784 χ^2/NDF : 15.3/20

Out: 325.522+/-1141.302 χ^2/NDF : 32.1/24

All: 1062.261+/-828.881 χ^2/NDF : 48.2/45

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5027.792 $\pm$ 1.750 χ^2/NDF : 259380.0/5

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

Left In: 5701.801 $\pm$ 2.233 χ^2/NDF : 63722.3/3

Left: 5284.145 $\pm$ 1.377 χ^2/NDF : 379545.7/9

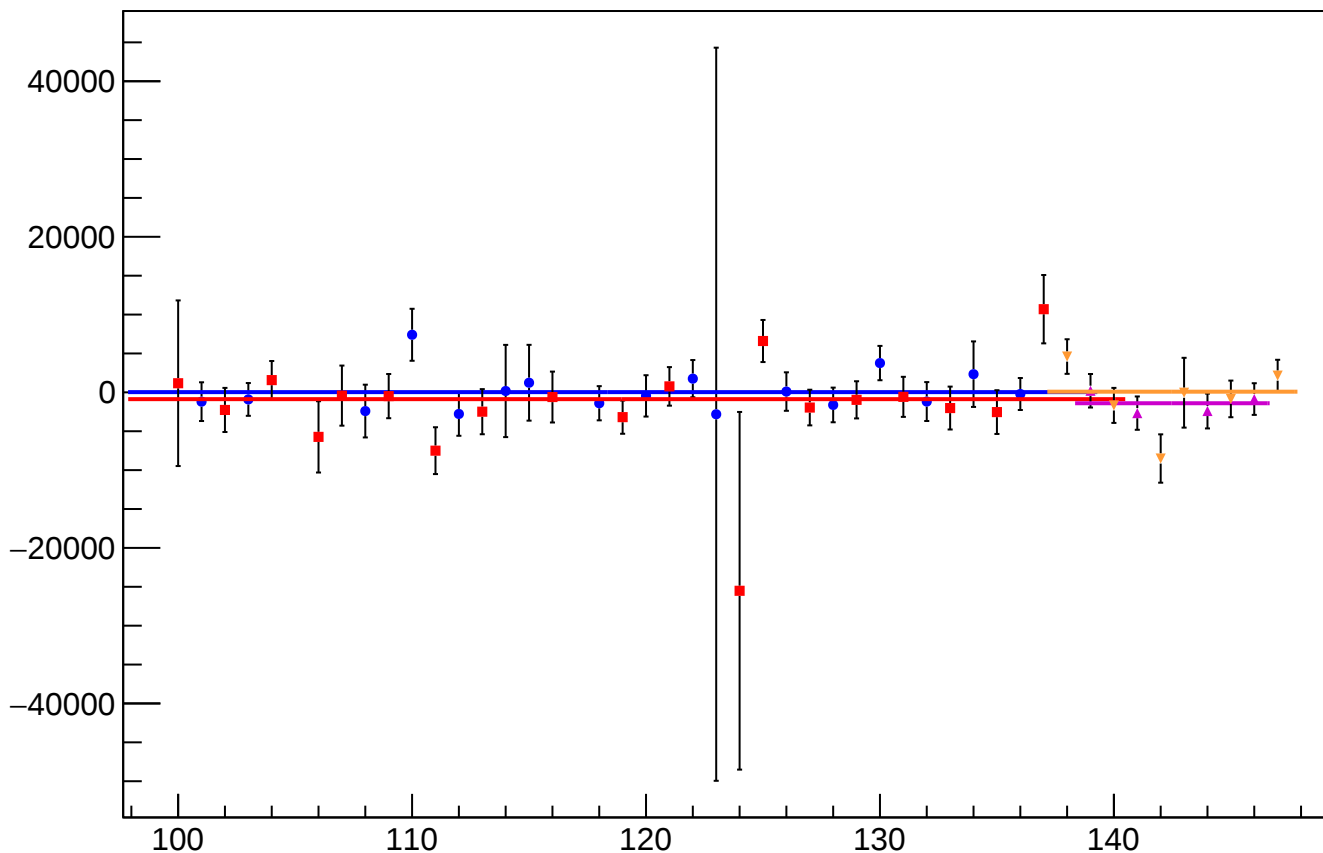
Right: 3093.663 $\pm$ 0.643 χ^2/NDF : 3896339.1/35

In: 3490.071 $\pm$ 0.853 χ^2/NDF : 3096418.7/20

Out: 3481.561 $\pm$ 0.798 χ^2/NDF : 3256394.1/24

All: 3485.534 $\pm$ 0.583 χ^2/NDF : 6352865.8/45

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 85.510 ± 1013.214 χ^2/NDF : 13.6/5

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

Left In: -1400.220 ± 1069.894 χ^2/NDF : 1.2/3

Left: -616.959 ± 735.672 χ^2/NDF : 15.8/9

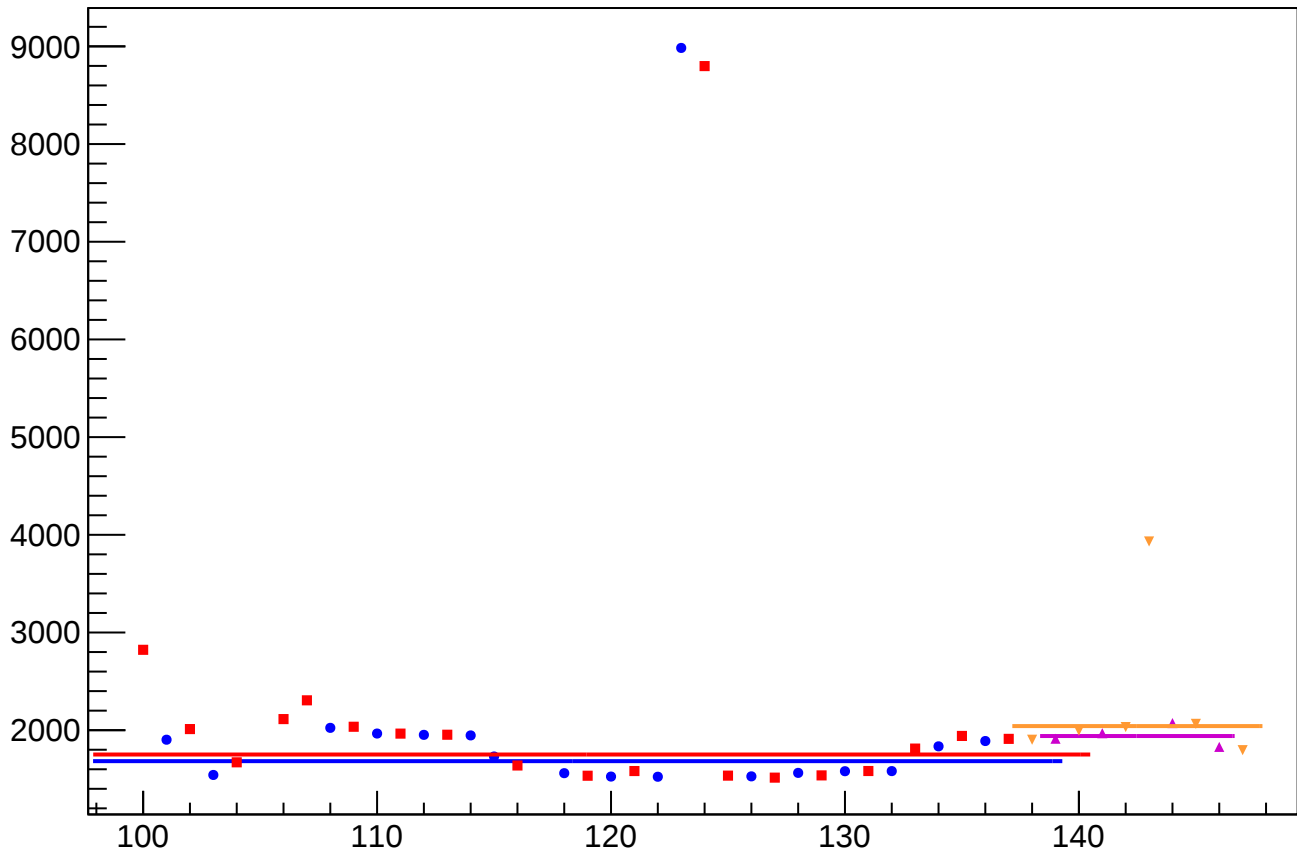
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -363.507 ± 560.733 χ^2/NDF : 14.3/20

Out: -580.426 ± 560.759 χ^2/NDF : 39.8/24

All: -471.961 ± 396.507 χ^2/NDF : 54.2/45

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2042.036+/-0.716 χ^2/NDF : 393067.6/5

Right Out: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

Left In: 1940.252+/-0.757 χ^2/NDF : 13651.0/3

Left: 1993.912+/-0.520 χ^2/NDF : 416261.4/9

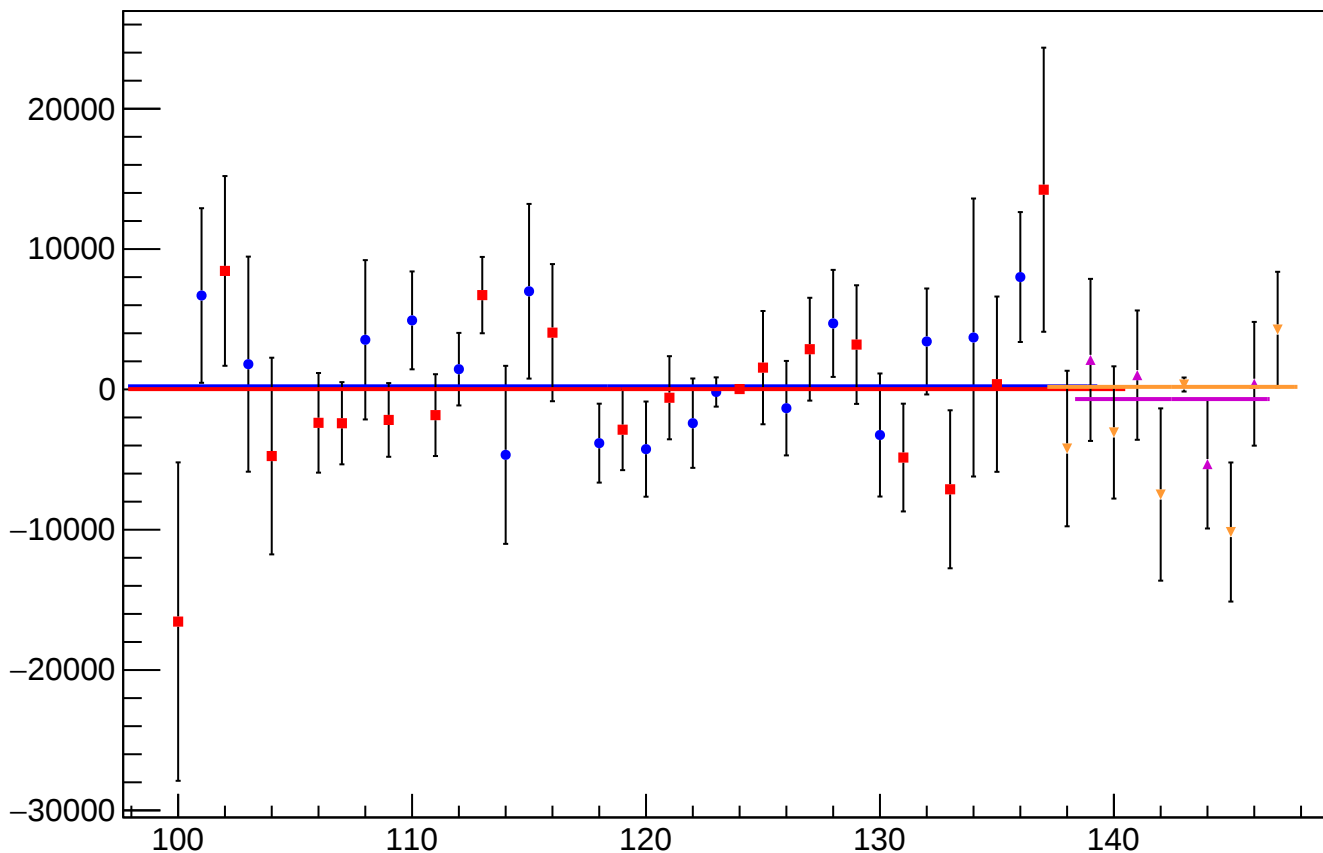
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1753.753+/-0.396 χ^2/NDF : 293295.1/20

Out: 1839.933+/-0.396 χ^2/NDF : 934694.2/24

All: 1796.906+/-0.280 χ^2/NDF : 1251645.6/45

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 179.859 $\pm$ 487.064 χ^2 /NDF:8.1/5

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

Left In: -688.987 $\pm$ 2383.650 χ^2 /NDF:1.5/3

Left: 145.036 $\pm$ 477.204 χ^2 /NDF: 9.7/9

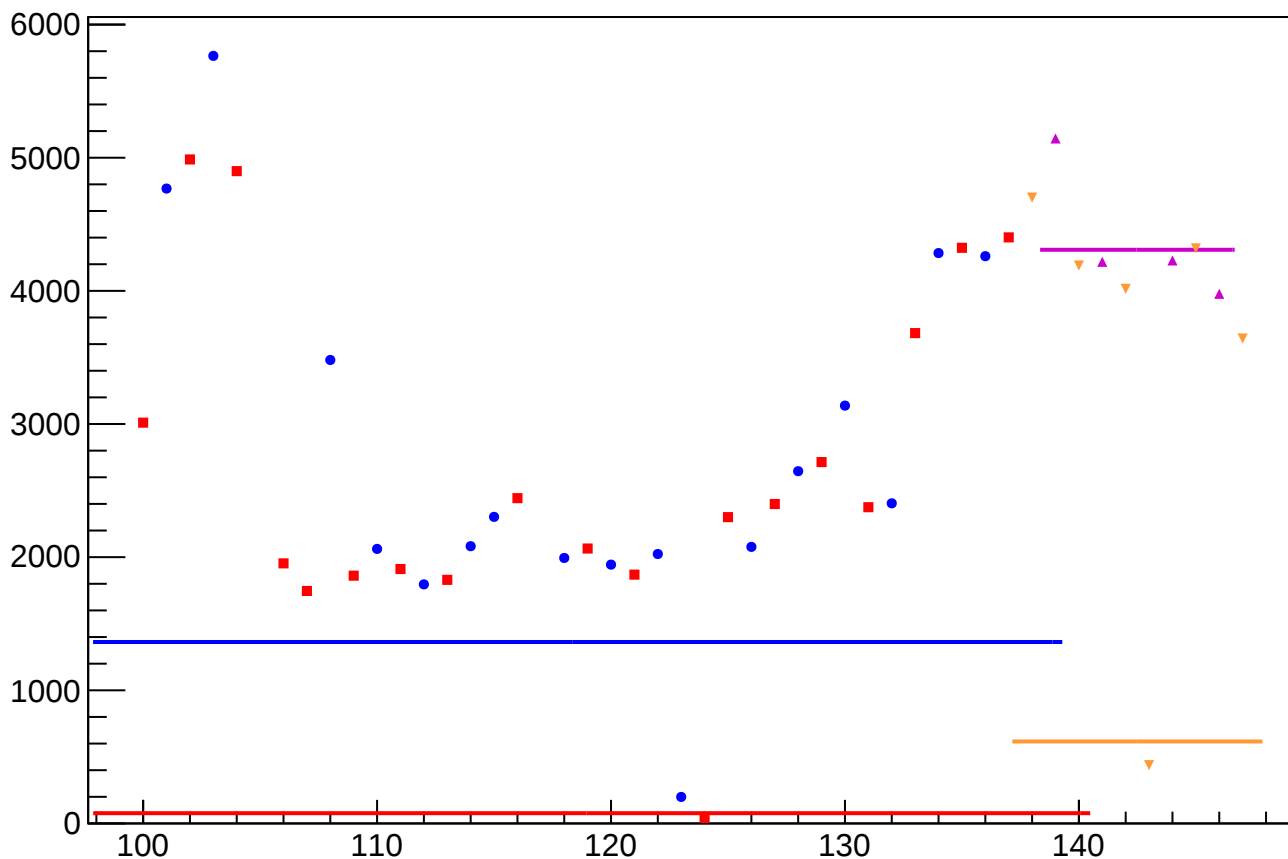
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 143.647 $\pm$ 690.046 χ^2 /NDF:17.4/20

Out: 28.575 $\pm$ 111.120 χ^2 /NDF:28.9/24

All: 31.483 $\pm$ 109.706 χ^2 /NDF: 46.4/45

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 615.761+/-0.344 χ^2/NDF : 5301266.6/5

Right Out: 77.129+/-0.081 χ^2/NDF : 13248048.9/18

Left In: 4308.677+/-1.685 χ^2/NDF : 54545.1/3

Left: 763.771+/-0.337 χ^2/NDF : 9963882.2/9

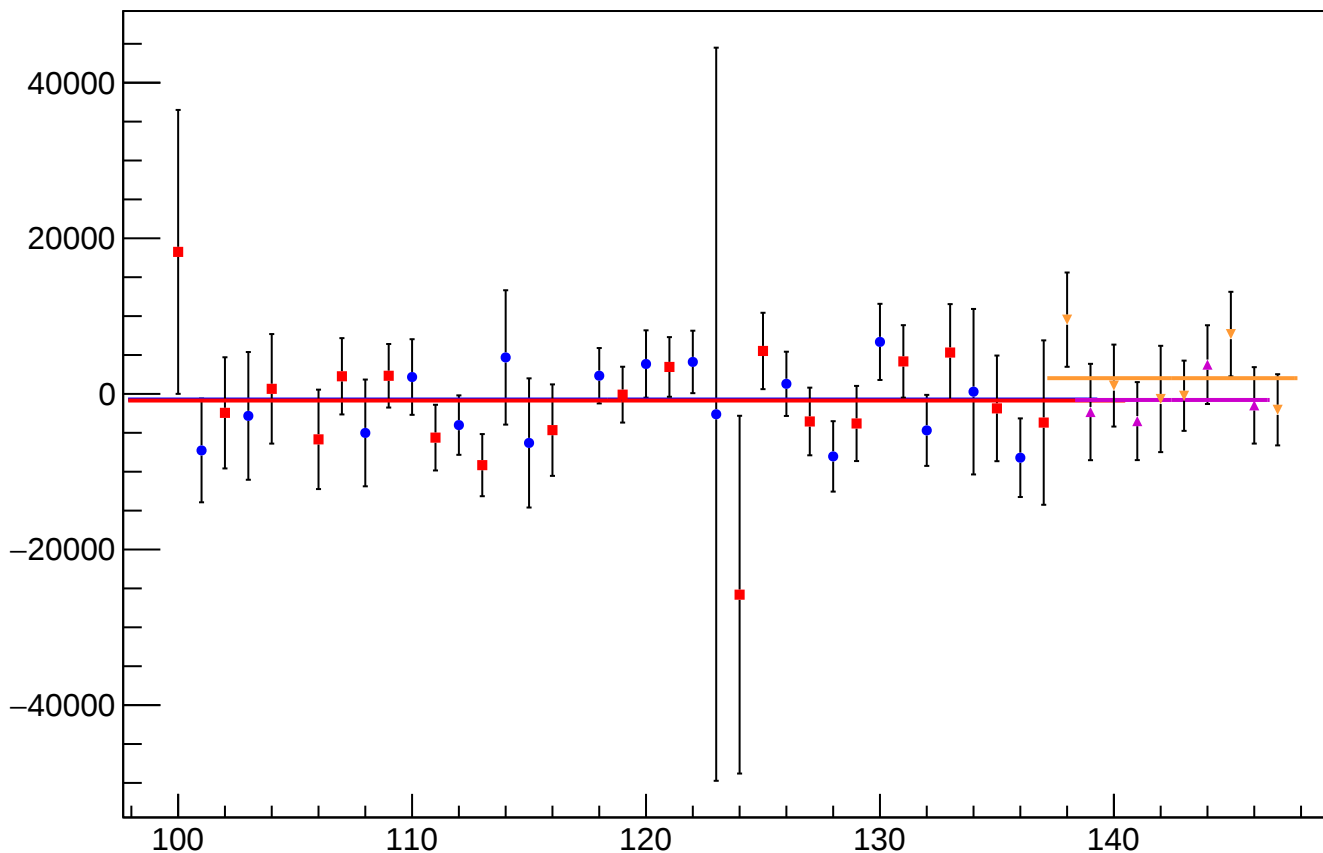
Right: 108.564+/-0.080 χ^2/NDF : 25689718.3/35

In: 1609.718+/-0.488 χ^2/NDF : 9089047.9/20

Out: 105.164+/-0.079 χ^2/NDF : 20867928.1/24

All: 143.193+/-0.078 χ^2/NDF : 39224662.1/45

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2022.601+/-2154.753 χ^2/NDF : 3.9/5

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

Left In: -778.054+/-2614.087 χ^2/NDF : 1.2/3

Left: 889.552+/-1662.702 χ^2/NDF : 5.7/9

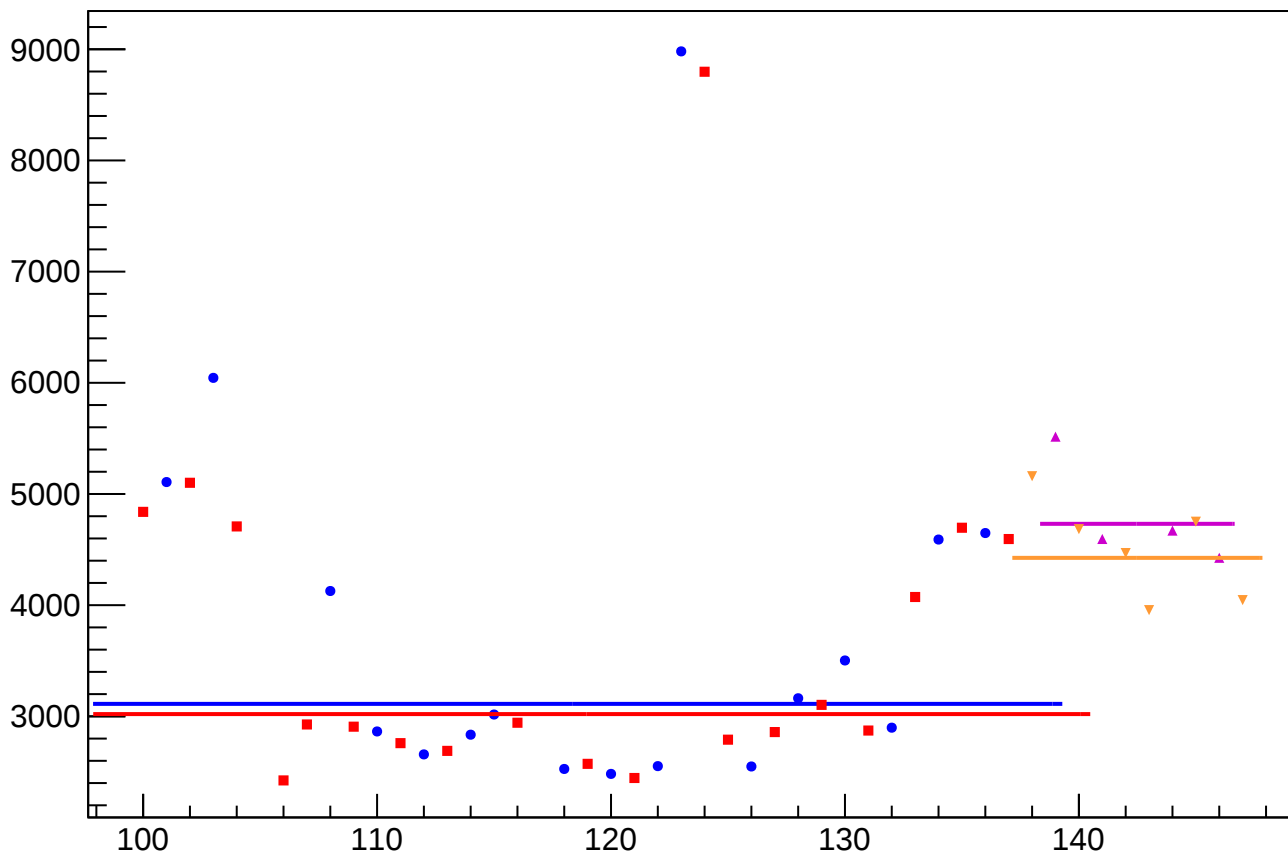
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -732.045+/-1129.553 χ^2/NDF : 15.9/20

Out: -176.859+/-1042.976 χ^2/NDF : 21.2/24

All: -432.363+/-766.277 χ^2/NDF : 37.3/45

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4425.573+/-1.524 χ^2/NDF : 76897.0/5

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

Left In: 4731.637+/-1.848 χ^2/NDF : 41567.3/3

Left: 4549.396+/-1.176 χ^2/NDF : 134789.1/9

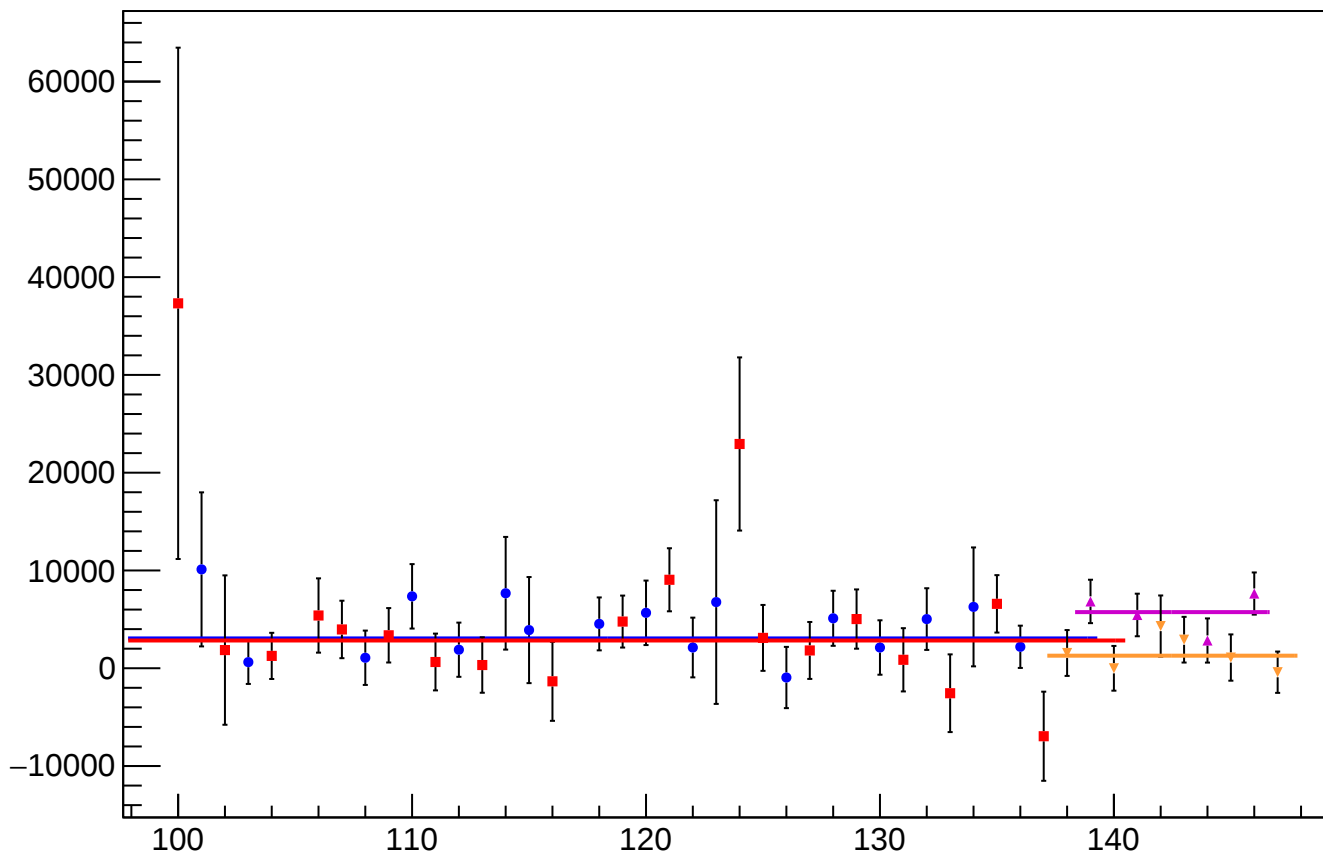
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3414.592+/-0.799 χ^2/NDF : 1624297.1/20

Out: 3343.305+/-0.730 χ^2/NDF : 1526220.0/24

All: 3375.771+/-0.539 χ^2/NDF : 3154855.1/45

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1284.180+/-970.997 χ^2/NDF : 2.4/5

Right Out: 2838.725+/-765.884 χ^2/NDF : 23.8/18

Left In: 5740.507+/-1101.025 χ^2/NDF : 2.7/3

Left: 3233.788+/-728.253 χ^2/NDF : 14.3/9

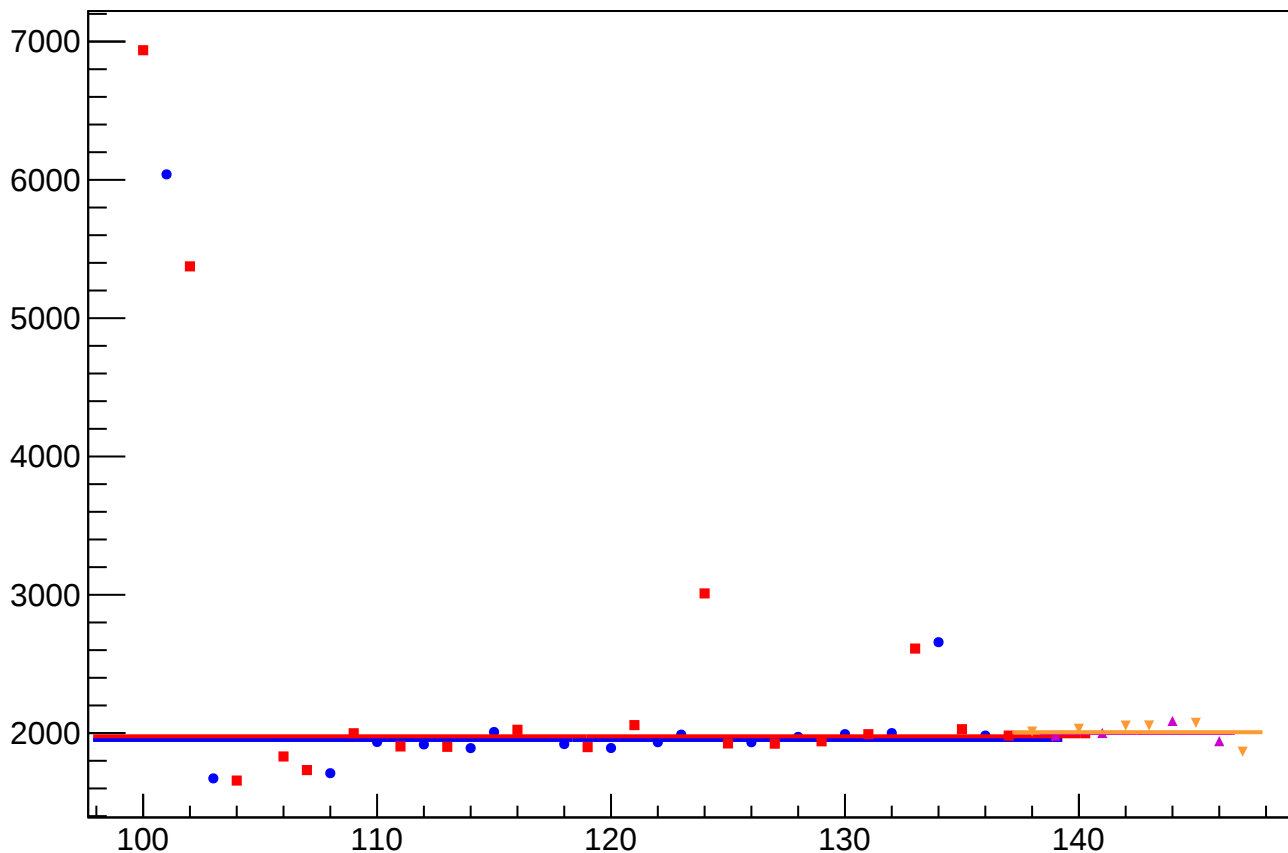
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3936.652+/-632.277 χ^2/NDF : 16.0/20

Out: 2242.508+/-601.338 χ^2/NDF : 27.7/24

All: 3047.118+/-435.737 χ^2/NDF : 47.5/45

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2006.576+/-0.687 χ^2/NDF :12133.4/5

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

Left In: 2001.460+/-0.779 χ^2/NDF :4619.3/3

Left: 2004.338+/-0.515 χ^2/NDF : 16777.0/9

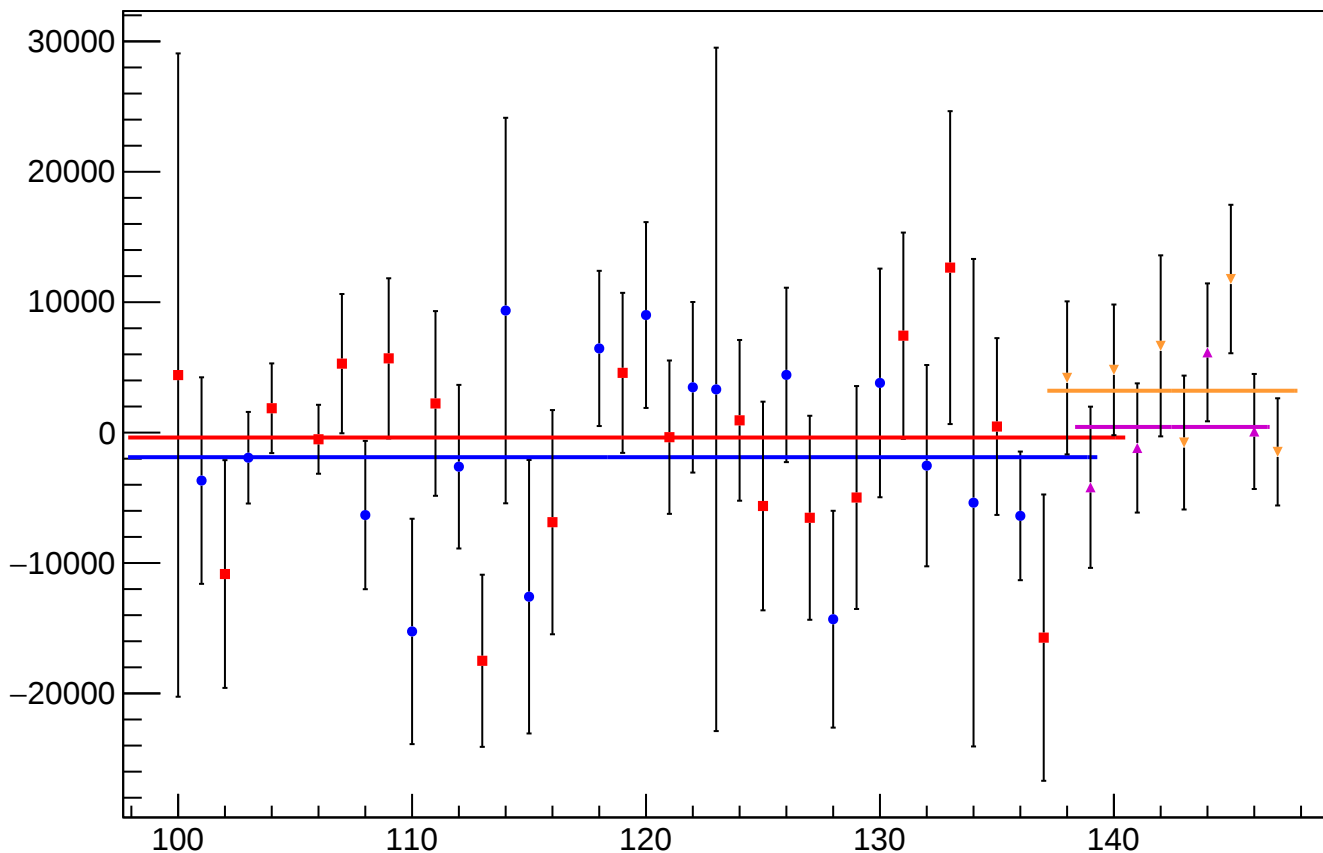
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1967.434+/-0.447 χ^2/NDF :622634.7/20

Out: 1988.322+/-0.425 χ^2/NDF :620985.8/24

All: 1978.406+/-0.308 χ^2/NDF : 1244767.0/45

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 3210.511 ± 2143.597 $\chi^2/\text{NDF}: 4.5/5$

Right Out: -376.861 ± 1359.615 $\chi^2/\text{NDF}: 17.6/18$

Left In: 433.278 ± 2547.675 $\chi^2/\text{NDF}: 1.8/3$

Left: 2059.346 ± 1640.237 $\chi^2/\text{NDF}: 7.1/9$

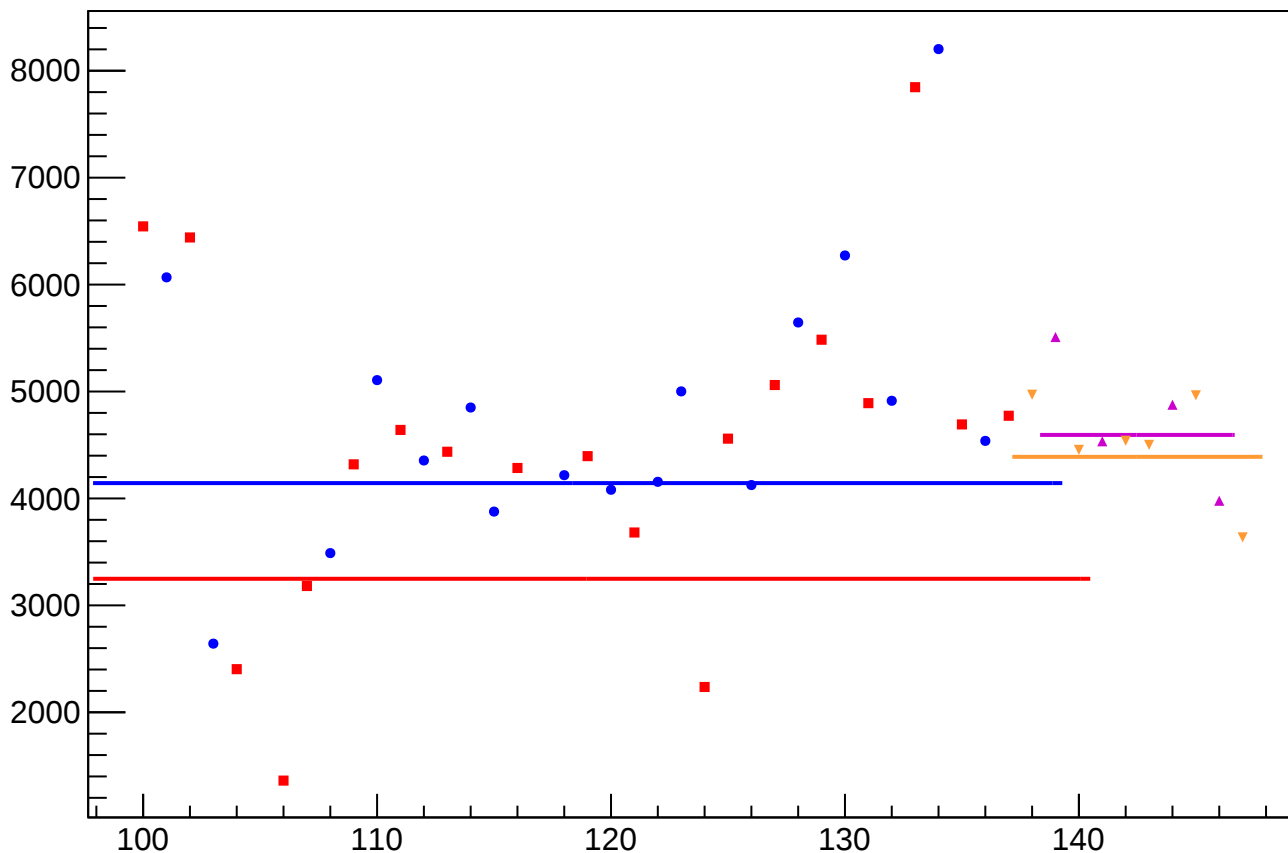
Right: -983.372 ± 1051.324 $\chi^2/\text{NDF}: 32.2/35$

In: -1195.479 ± 1389.626 $\chi^2/\text{NDF}: 16.5/20$

Out: 652.298 ± 1148.144 $\chi^2/\text{NDF}: 24.1/24$

All: -97.343 ± 885.115 $\chi^2/\text{NDF}: 41.7/45$

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4389.252 $\pm$ 1.516 χ^2/NDF : 109421.9/5

Right Out: 3248.634 $\pm$ 0.961 χ^2/NDF : 2617775.0/18

Left In: 4594.103 $\pm$ 1.801 χ^2/NDF : 88819.4/3

Left: 4474.163 $\pm$ 1.160 χ^2/NDF : 205812.1/9

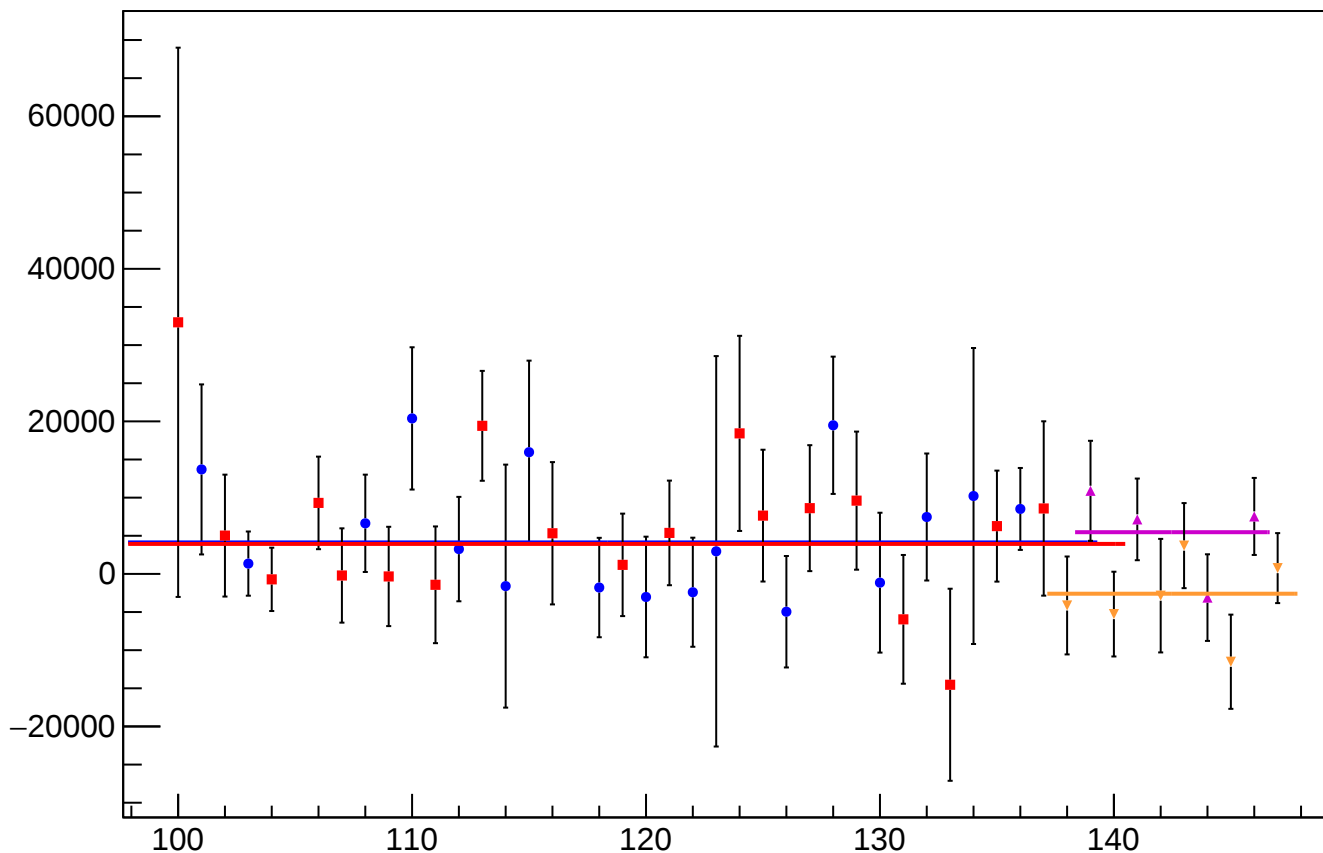
Right: 3608.435 $\pm$ 0.743 χ^2/NDF : 3822091.3/35

In: 4277.545 $\pm$ 0.983 χ^2/NDF : 988747.1/20

Out: 3575.859 $\pm$ 0.812 χ^2/NDF : 3131013.8/24

All: 3860.532 $\pm$ 0.626 χ^2/NDF : 4422820.1/45

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2596.982 $\pm$ 2353.258 χ^2 /NDF: 4.2/5

Right Out: 3933.351 $\pm$ 1725.500 χ^2 /NDF: 14.9/18

Left In: 5469.066 $\pm$ 2791.218 χ^2 /NDF: 3.2/3

Left: 754.304 $\pm$ 1799.157 χ^2 /NDF: 12.3/9

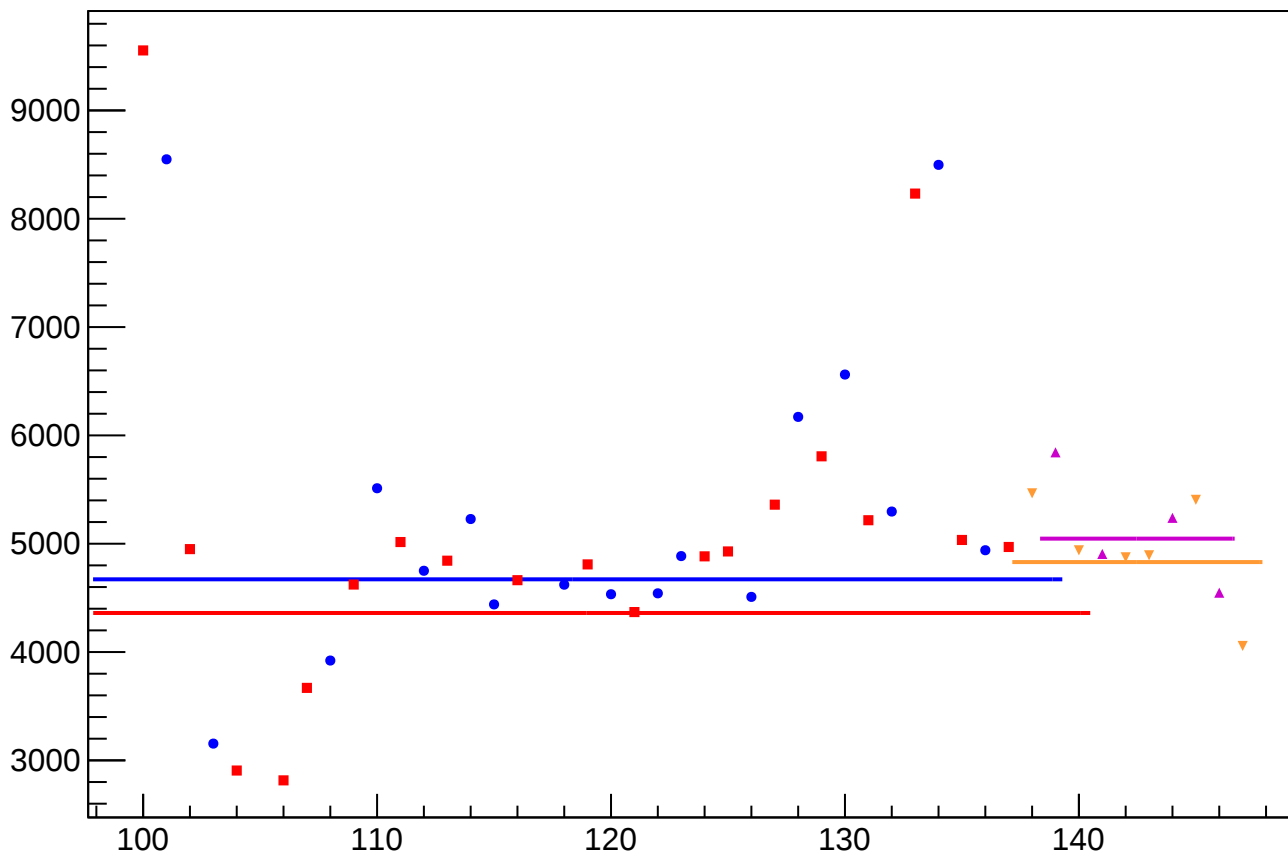
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 4540.380 $\pm$ 1549.584 χ^2 /NDF: 17.1/20

Out: 1650.006 $\pm$ 1391.514 χ^2 /NDF: 24.1/24

All: 2940.296 $\pm$ 1035.338 χ^2 /NDF: 43.1/45

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4830.587+/-1.664 χ^2/NDF : 94902.2/5

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

Left In: 5046.922+/-1.974 χ^2/NDF : 52750.8/3

Left: 4920.470+/-1.272 χ^2/NDF : 154675.5/9

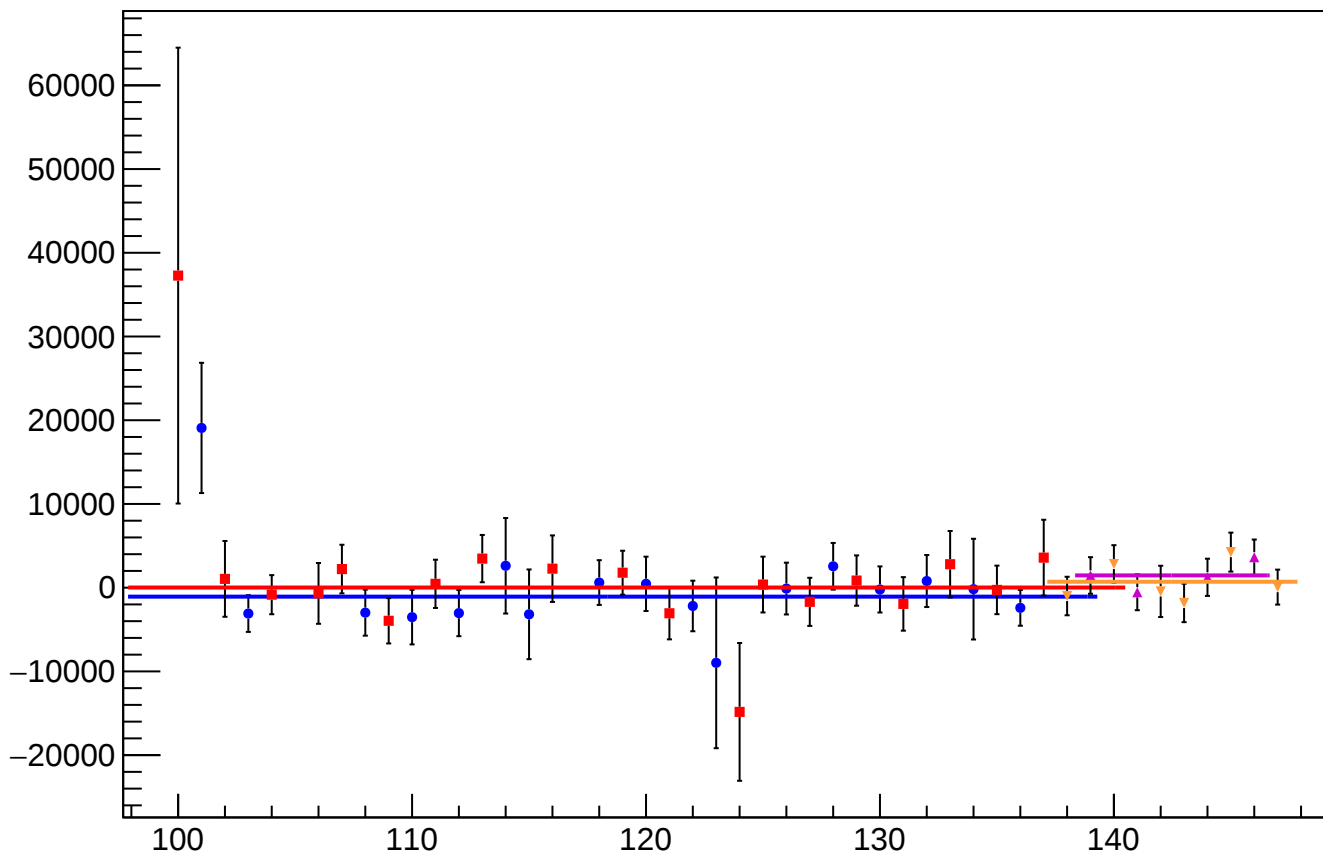
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4787.083+/-1.096 χ^2/NDF : 863916.7/20

Out: 4523.651+/-0.980 χ^2/NDF : 981131.5/24

All: 4640.758+/-0.731 χ^2/NDF : 1877154.1/45

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: 708.822 $\pm$ 954.772 χ^2 /NDF: 5.2/5

Right Out: 19.222 $\pm$ 747.810 χ^2 /NDF: 13.3/18

Left In: 1466.296 $\pm$ 1082.629 χ^2 /NDF: 2.0/3

Left: 1040.211 $\pm$ 716.084 χ^2 /NDF: 7.4/9

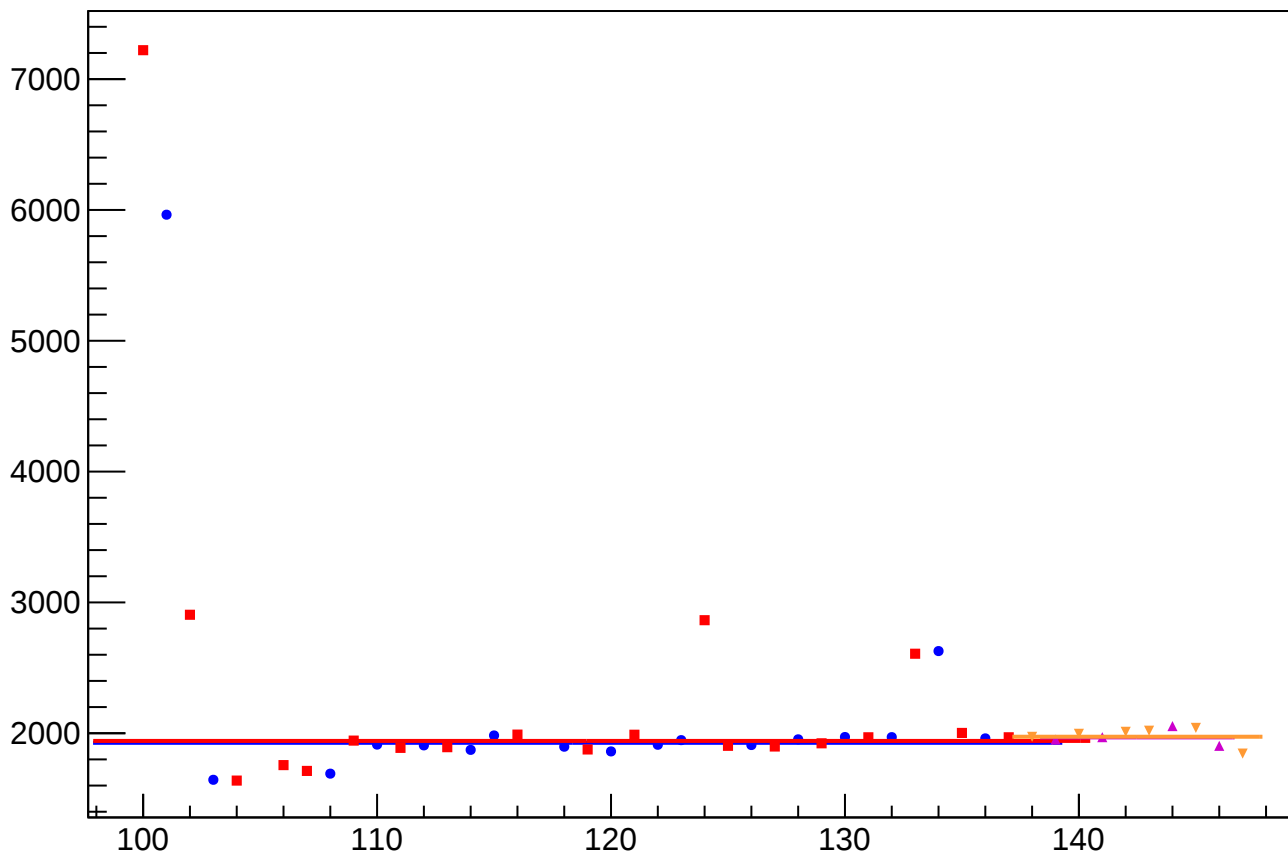
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -229.183 $\pm$ 623.658 χ^2 /NDF: 19.3/20

Out: 281.417 $\pm$ 588.725 χ^2 /NDF: 18.8/24

All: 40.817 $\pm$ 428.109 χ^2 /NDF: 38.5/45

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1973.297+/-0.675 χ^2/NDF :10603.0/5

Right Out: 1941.261+/-0.528 χ^2/NDF : 304367.3/18

Left In: 1968.231+/-0.766 χ^2/NDF :4993.5/3

Left: 1971.081+/-0.506 χ^2/NDF : 15621.1/9

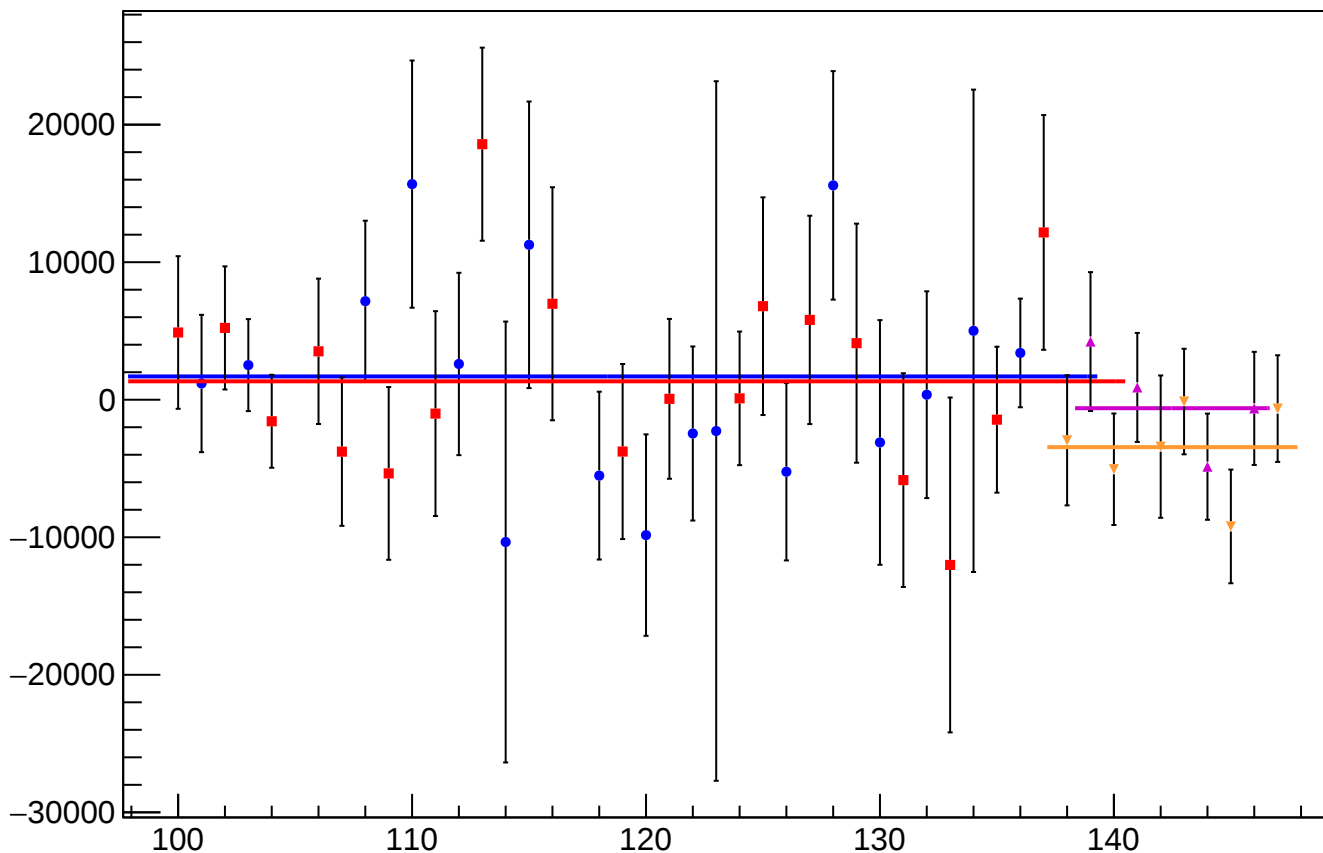
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1940.609+/-0.441 χ^2/NDF :624058.2/20

Out: 1953.430+/-0.416 χ^2/NDF :316366.8/24

All: 1947.391+/-0.303 χ^2/NDF : 940872.1/45

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3447.958+/-1725.536 χ^2/NDF : 3.4/5

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

Left In: -616.102+/-2088.635 χ^2/NDF : 2.3/3

Left: -2299.195+/-1330.278 χ^2/NDF : 6.8/9

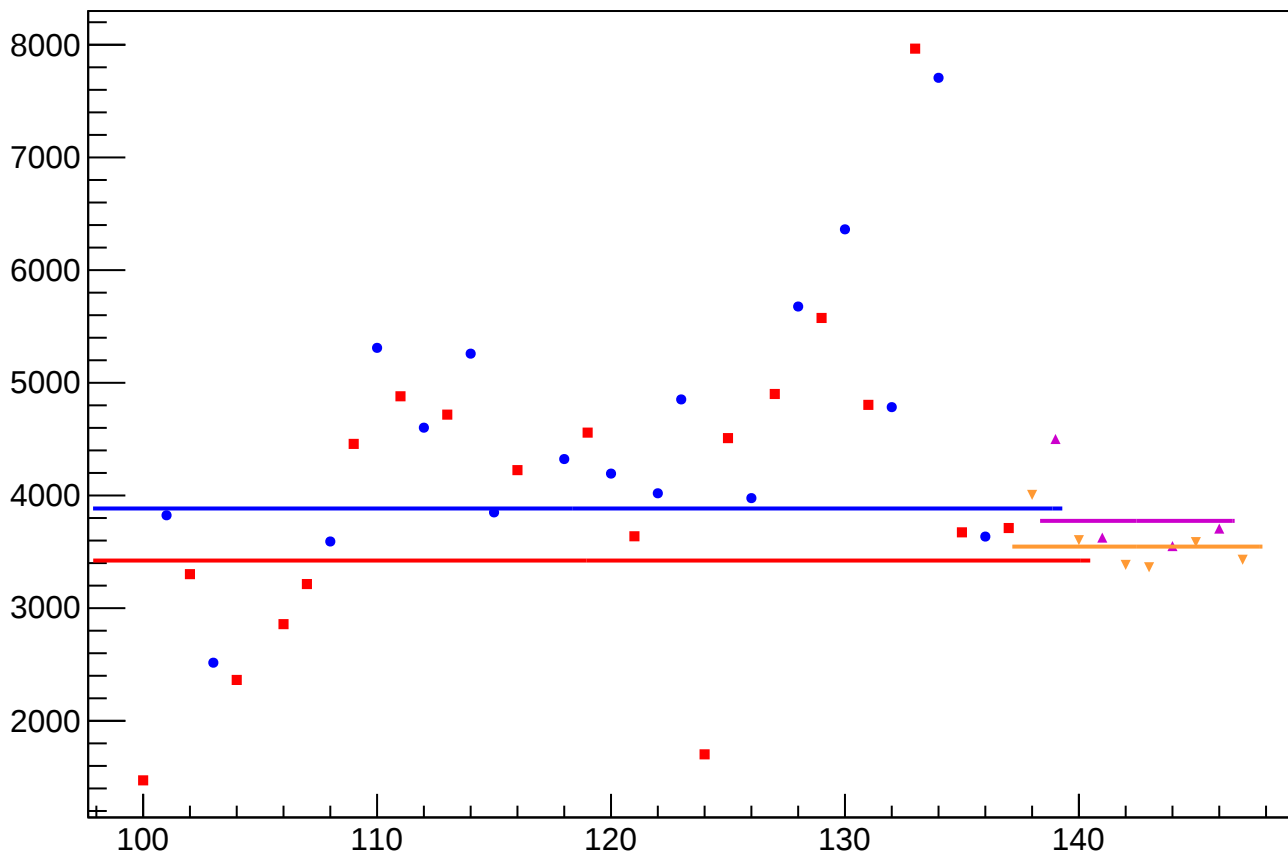
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 872.238+/-1245.702 χ^2/NDF : 16.7/20

Out: -510.693+/-1072.468 χ^2/NDF : 24.4/24

All: 78.002+/-812.754 χ^2/NDF : 41.8/45

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3546.404 $\pm$ 1.220 χ^2 /NDF:27743.1/5

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

Left In: 3774.749 $\pm$ 1.477 χ^2 /NDF:51535.4/3

Left: 3639.034 $\pm$ 0.941 χ^2 /NDF: 93486.2/9

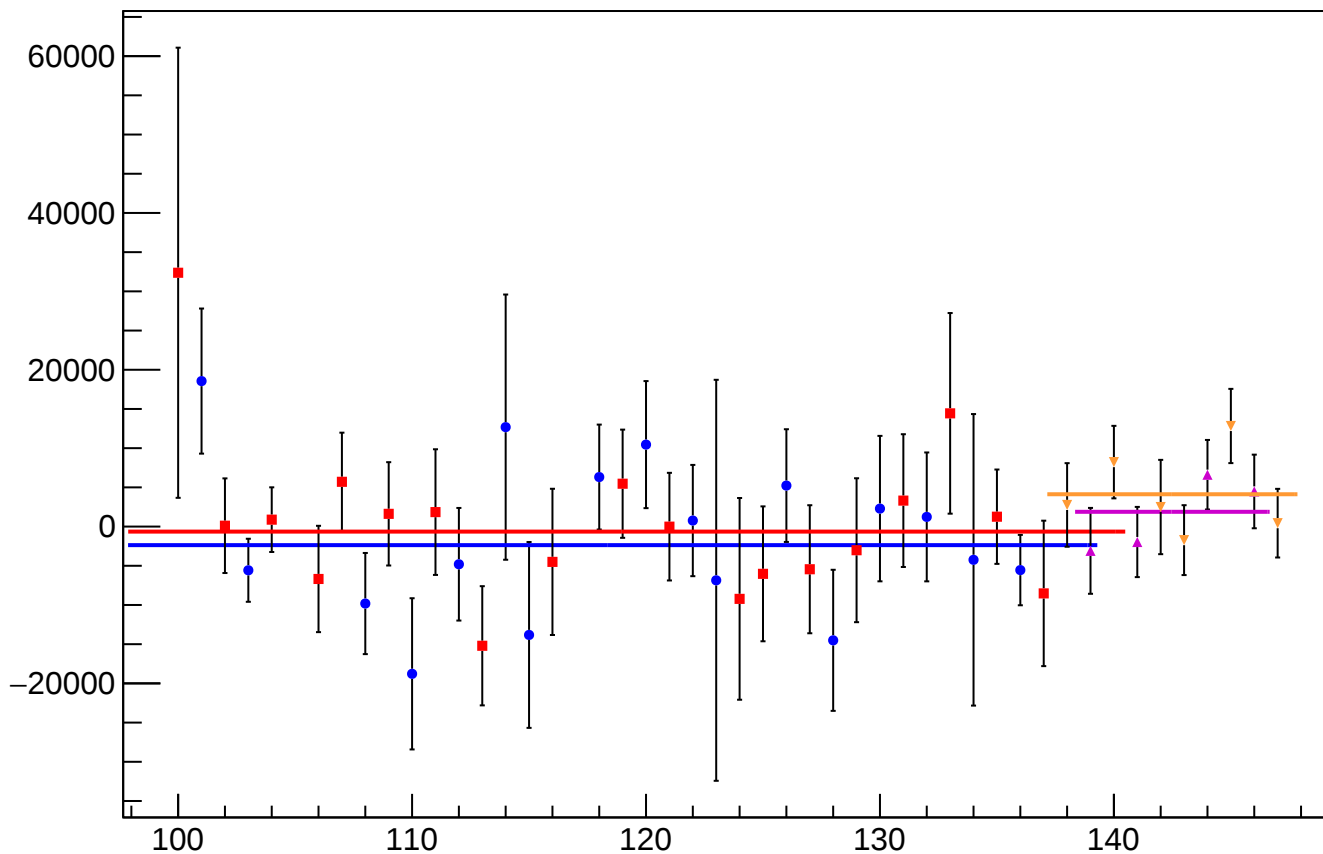
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3845.526 $\pm$ 0.881 χ^2 /NDF:881663.7/20

Out: 3470.442 $\pm$ 0.758 χ^2 /NDF:1624355.2/24

All: 3630.110 $\pm$ 0.575 χ^2 /NDF: 2610156.4/45

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 4122.888 $\pm$ 1973.357 χ^2 /NDF: 6.7/5

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

Left In: 1883.166 $\pm$ 2360.804 χ^2 /NDF: 3.0/3

Left: 3201.657 $\pm$ 1514.074 χ^2 /NDF: 10.3/9

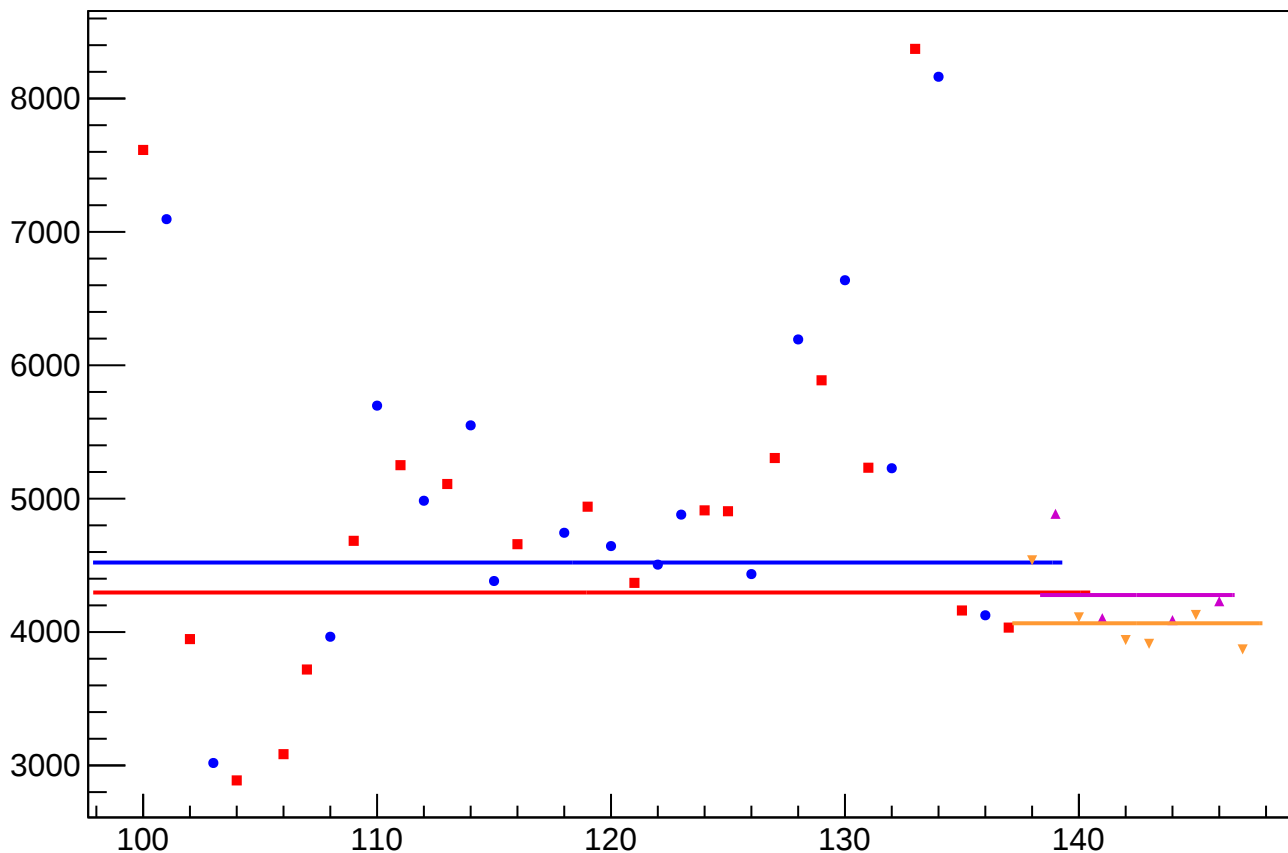
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -802.745 $\pm$ 1432.376 χ^2 /NDF: 25.2/20

Out: 1374.929 $\pm$ 1283.682 χ^2 /NDF: 21.9/24

All: 404.955 $\pm$ 955.962 χ^2 /NDF: 48.4/45

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4065.836 ± 1.395 χ^2/NDF : 23488.4/5

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

Left In: 4277.504 ± 1.669 χ^2/NDF : 31509.7/3

Left: 4152.898 ± 1.071 χ^2/NDF : 64462.7/9

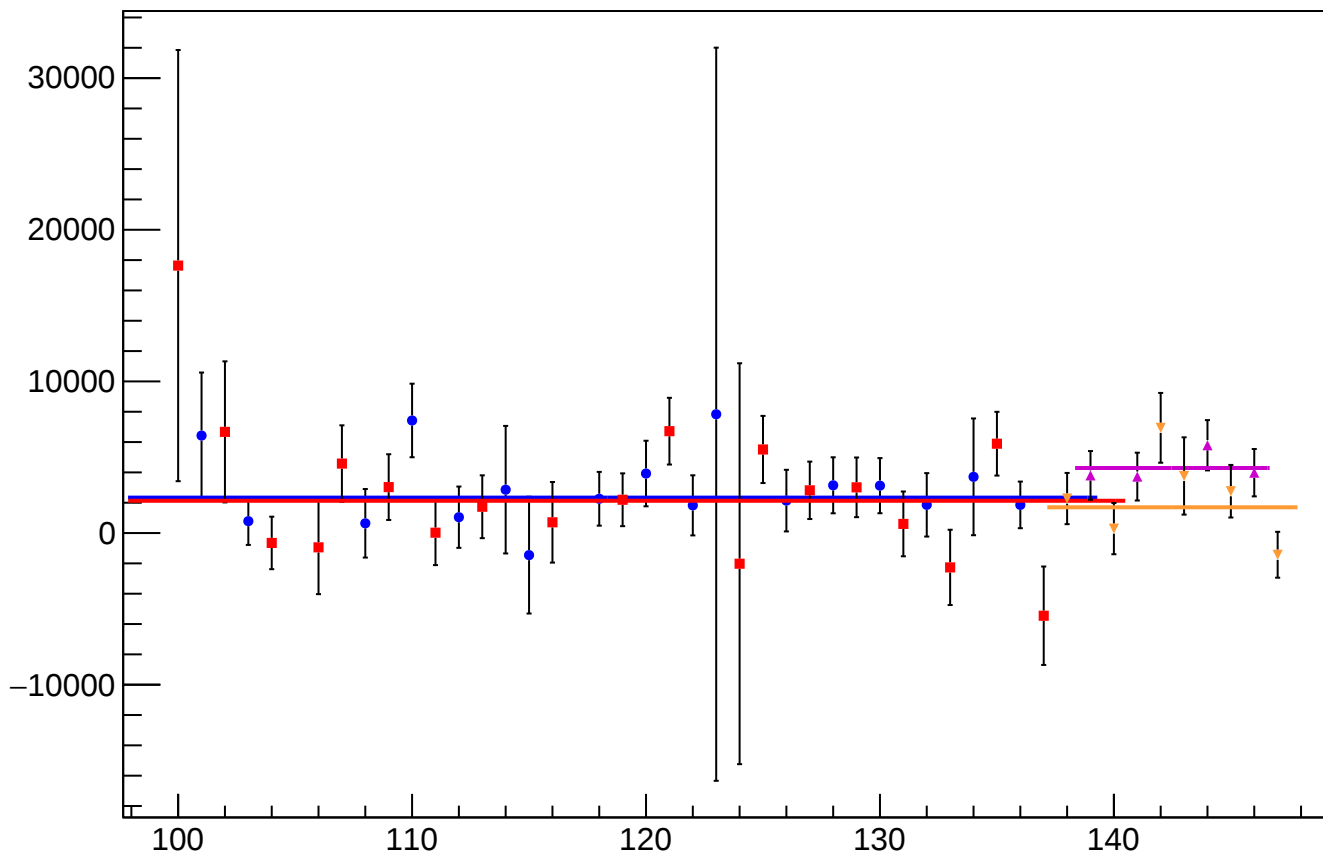
Right: 4401.047 ± 0.869 χ^2/NDF : 1568522.7/35

In: 4431.508 ± 1.013 χ^2/NDF : 823654.0/20

Out: 4199.508 ± 0.905 χ^2/NDF : 812533.3/24

All: 4302.477 ± 0.675 χ^2/NDF : 1665368.5/45

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1699.030+/-742.646 χ^2/NDF : 11.3/5

Right Out: 2129.457+/-539.223 χ^2/NDF : 27.5/18

Left In: 4290.684+/-799.434 χ^2/NDF : 1.1/3

Left: 2899.546+/-544.099 χ^2/NDF : 18.0/9

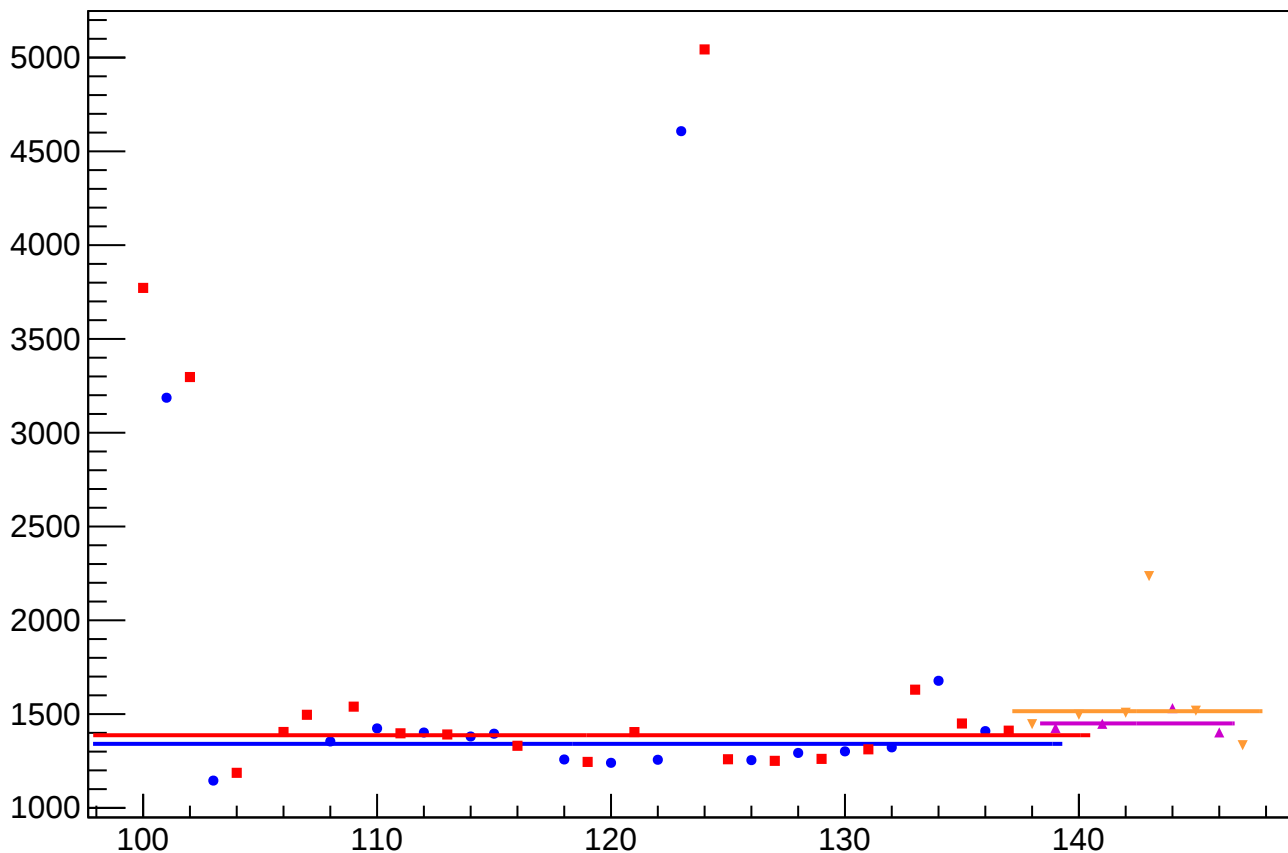
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

In: 2935.267+/-442.394 χ^2/NDF : 14.9/20

Out: 1980.871+/-436.336 χ^2/NDF : 39.1/24

All: 2451.489+/-310.656 χ^2/NDF : 56.3/45

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1515.442+/-0.525 χ^2/NDF :192040.9/5

Right Out: 1387.348+/-0.381 χ^2/NDF : 650193.3/18

Left In: 1450.243+/-0.565 χ^2/NDF :7182.0/3

Left: 1485.240+/-0.385 χ^2/NDF : 206363.6/9

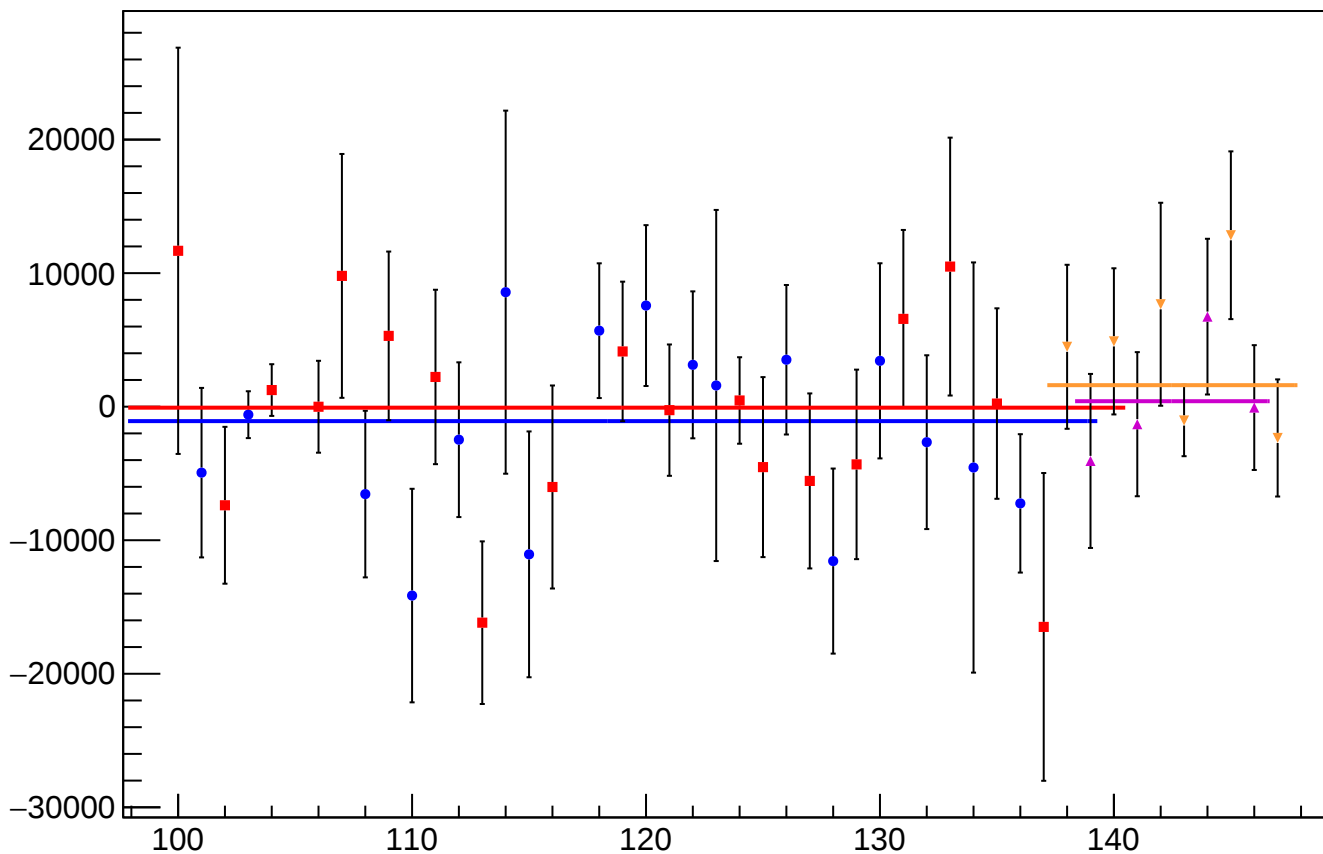
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1374.713+/-0.313 χ^2/NDF :537186.9/20

Out: 1431.540+/-0.308 χ^2/NDF :881207.2/24

All: 1403.527+/-0.220 χ^2/NDF : 1435126.9/45

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: 1611.031+/-1843.114 χ^2/NDF : 6.2/5

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

Left In: 410.230+/-2740.918 χ^2/NDF : 1.8/3

Left: 1237.125+/-1529.473 χ^2/NDF : 8.1/9

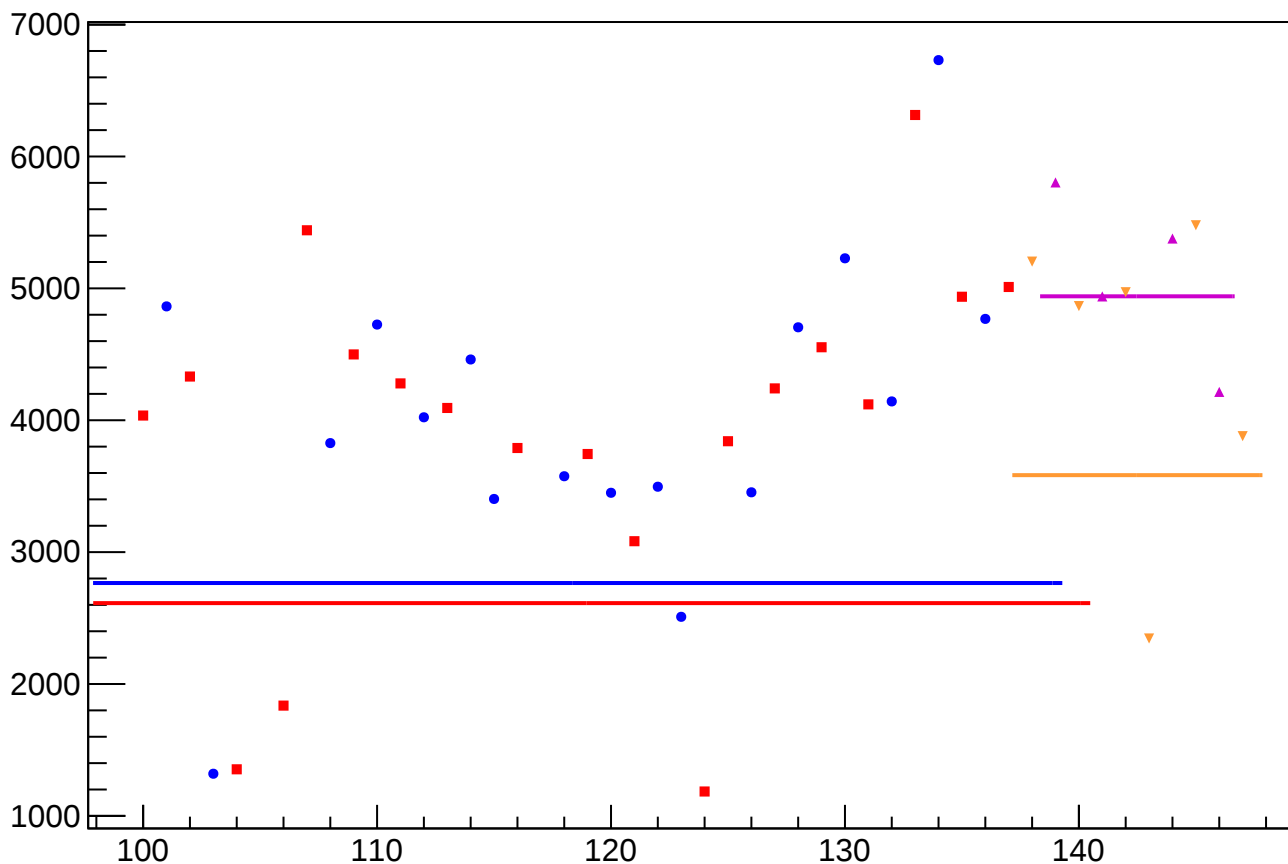
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -837.013+/-1108.759 χ^2/NDF : 17.0/20

Out: 384.036+/-961.012 χ^2/NDF : 25.4/24

All: -139.768+/-726.198 χ^2/NDF : 43.1/45

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: 3583.718+/-1.303 χ^2/NDF : 935410.5/5

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

Left In: 4939.798+/-1.938 χ^2/NDF : 94538.7/3

Left: 4005.975+/-1.082 χ^2/NDF : 1367071.8/9

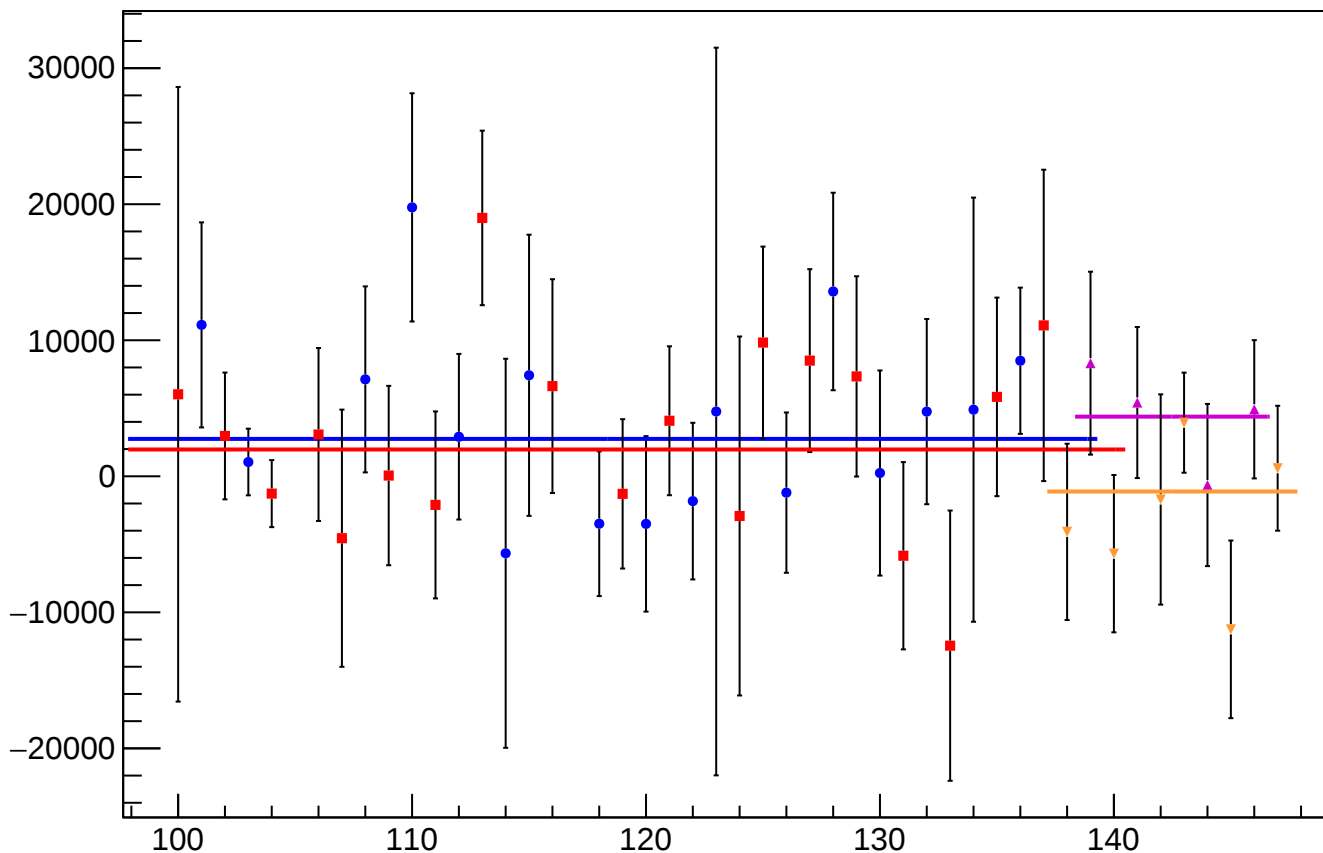
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3121.493+/-0.784 χ^2/NDF : 4086010.8/20

Out: 2877.172+/-0.680 χ^2/NDF : 4678969.4/24

All: 2981.981+/-0.513 χ^2/NDF : 8820434.1/45

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: -1118.100+/-2155.436 χ^2/NDF : 5.3/5

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

Left In: 4385.899+/-2869.744 χ^2/NDF : 1.1/3

Left: 867.025+/-1723.447 χ^2/NDF : 8.7/9

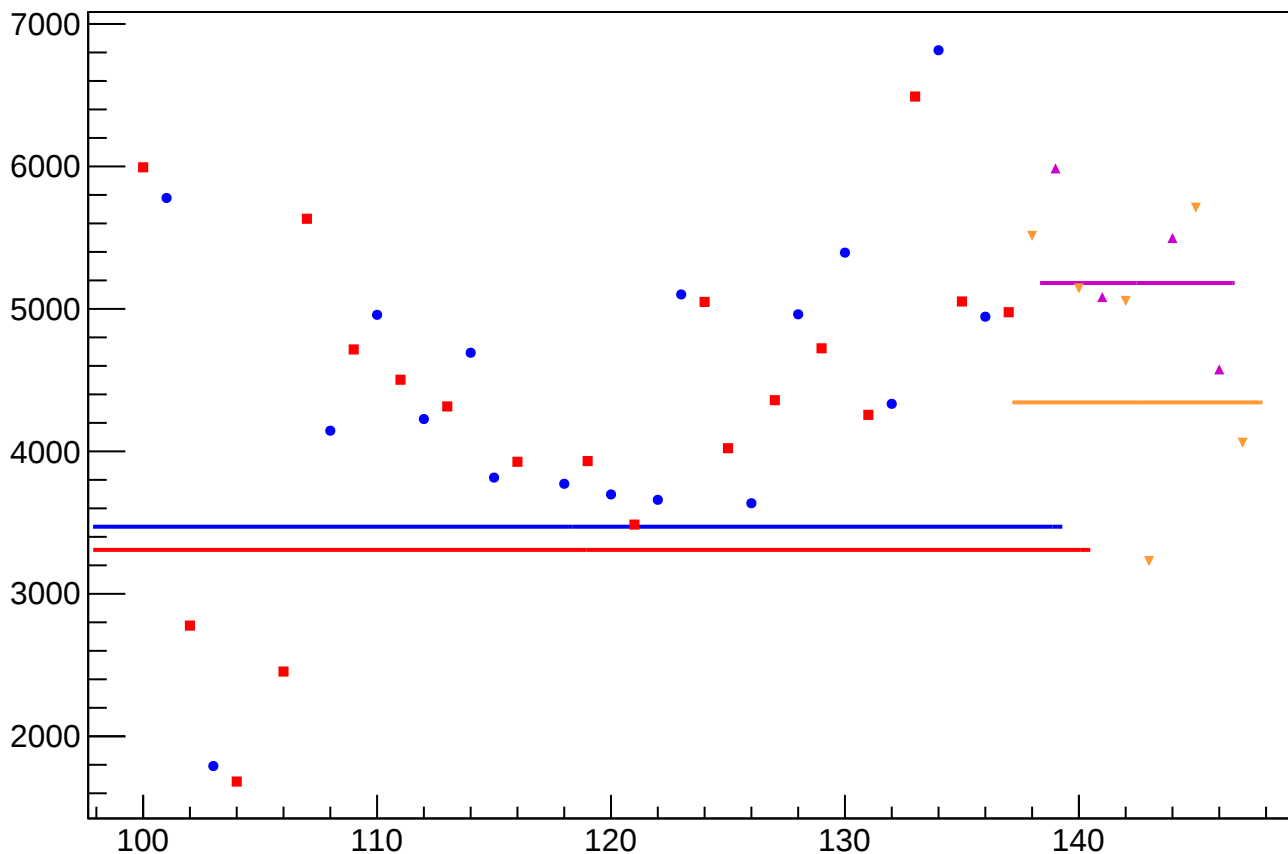
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 3080.104+/-1291.787 χ^2/NDF : 15.1/20

Out: 1071.425+/-1163.227 χ^2/NDF : 24.5/24

All: 1970.865+/-864.414 χ^2/NDF : 41.0/45

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: 4343.798+/-1.524 χ^2/NDF : 399019.5/5

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

Left In: 5181.974+/-2.029 χ^2/NDF : 63347.6/3

Left: 4646.102+/-1.219 χ^2/NDF : 571445.7/9

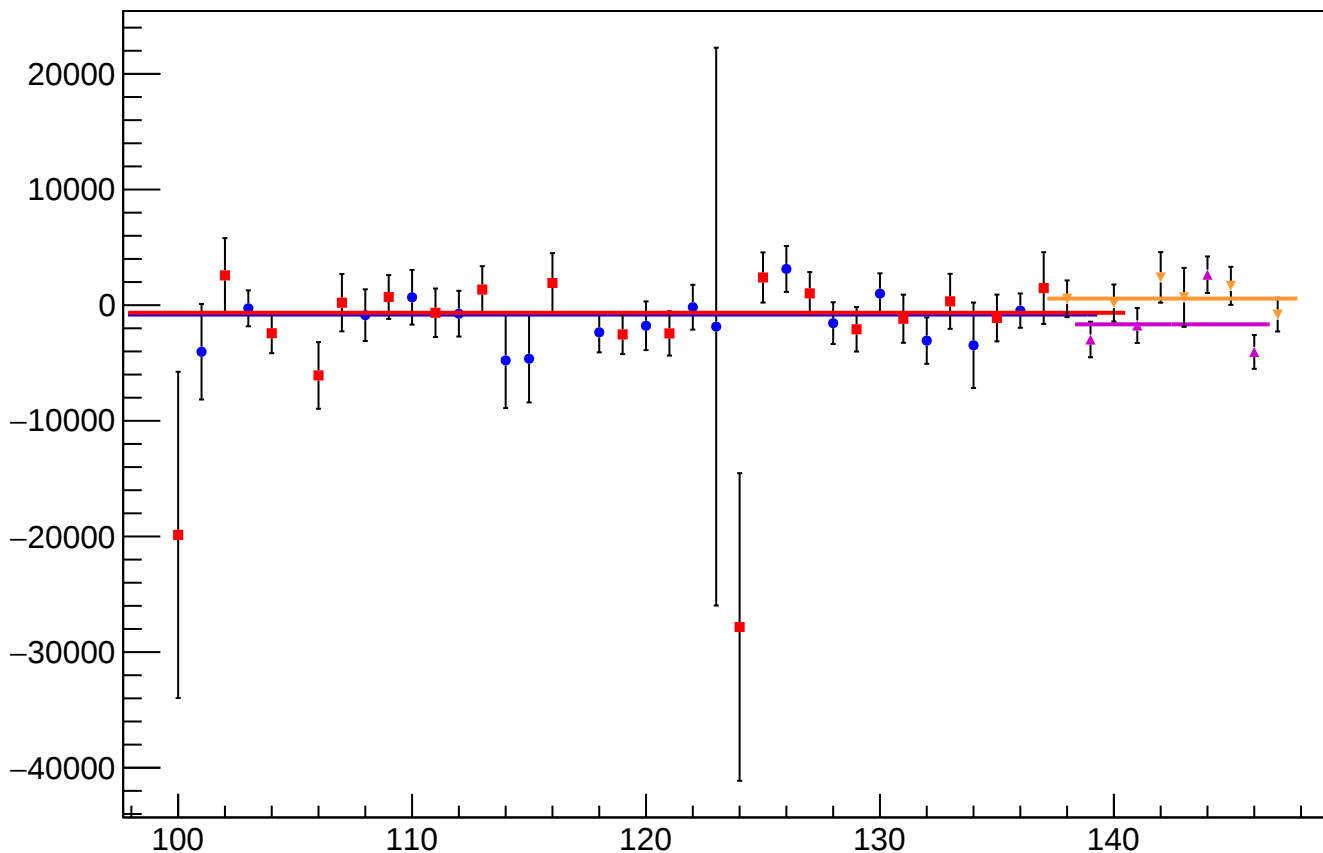
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3817.797+/-0.913 χ^2/NDF : 2398025.8/20

Out: 3606.156+/-0.817 χ^2/NDF : 2642138.7/24

All: 3700.244+/-0.609 χ^2/NDF : 5069983.9/45

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: 570.486+/-708.508 χ^2/NDF : 2.1/5

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

Left In: -1656.152+/-759.378 χ^2/NDF : 10.8/3

Left: -465.762+/-518.042 χ^2/NDF : 17.5/9

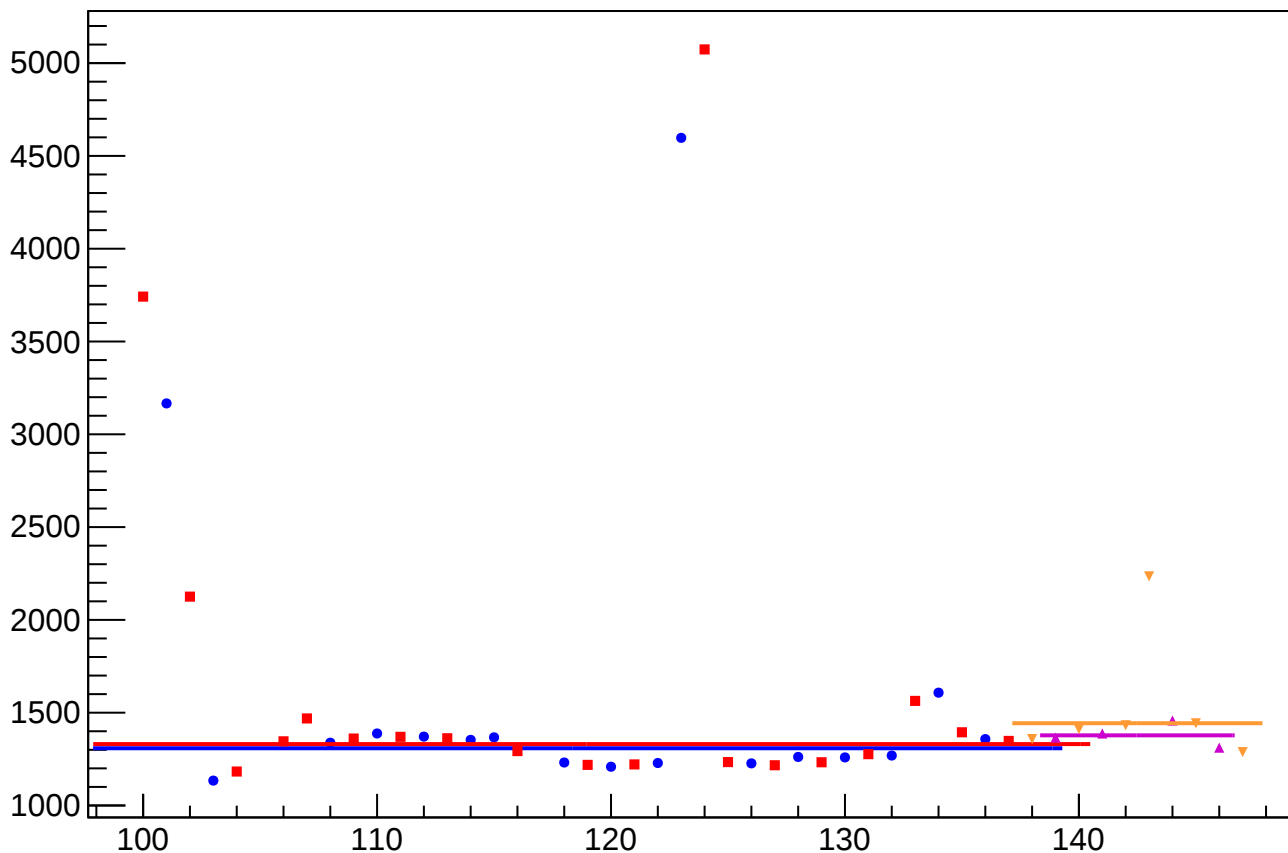
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -1078.160+/-428.029 χ^2/NDF : 22.8/20

Out: -232.608+/-416.359 χ^2/NDF : 24.5/24

All: -643.700+/-298.451 χ^2/NDF : 49.3/45

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1443.255+/-0.501 χ^2/NDF :222315.1/5

Right Out: 1330.860+/-0.364 χ^2/NDF : 415845.6/18

Left In: 1377.946+/-0.537 χ^2/NDF :9458.5/3

Left: 1412.861+/-0.366 χ^2/NDF : 239682.4/9

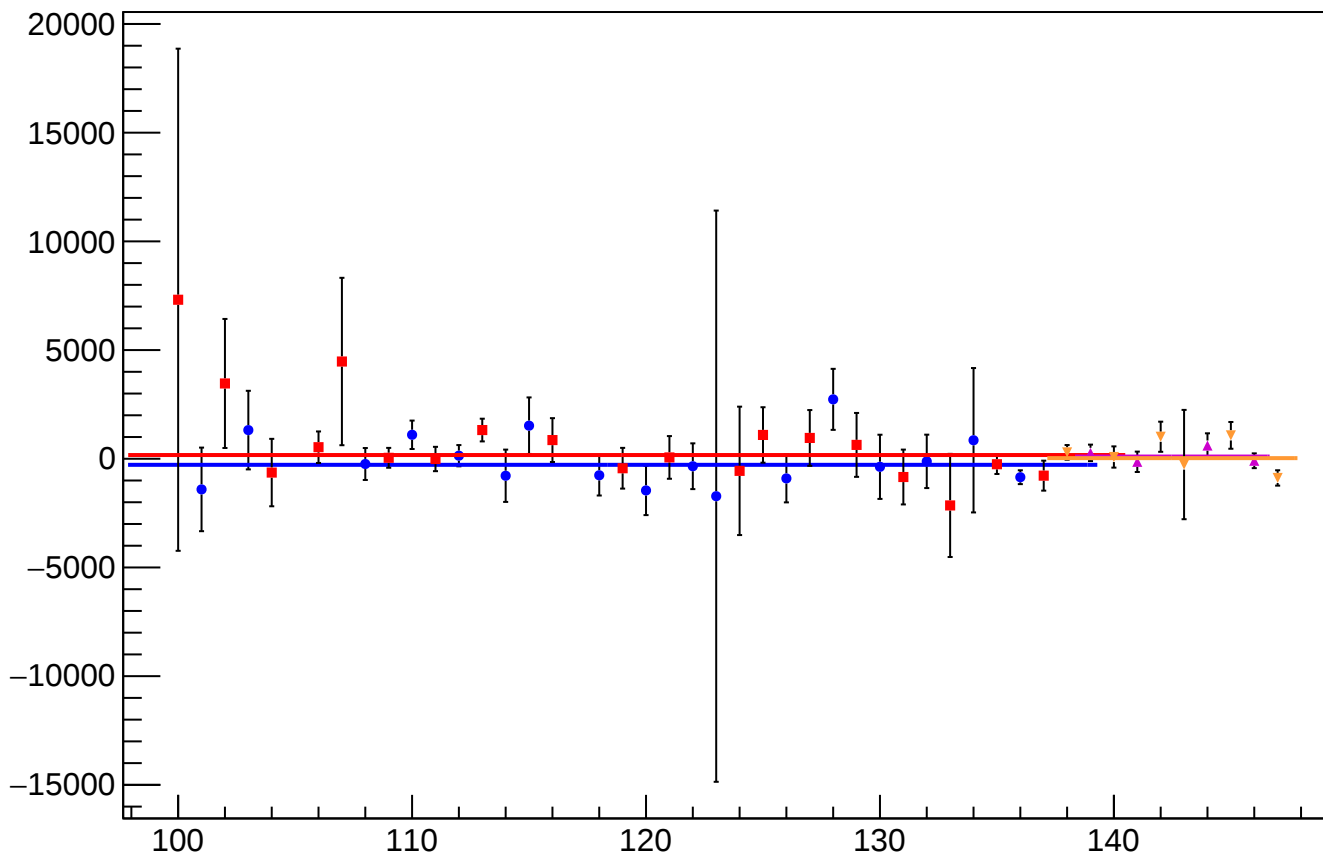
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1330.472+/-0.303 χ^2/NDF :527459.8/20

Out: 1369.674+/-0.294 χ^2/NDF :671110.5/24

All: 1350.615+/-0.211 χ^2/NDF : 1207190.2/45

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: 28.833 $\pm$ 196.808 χ^2 /NDF:12.2/5

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

Left In: 102.284 $\pm$ 207.012 χ^2 /NDF:1.6/3

Left: 63.703 $\pm$ 142.636 χ^2 /NDF: 13.9/9

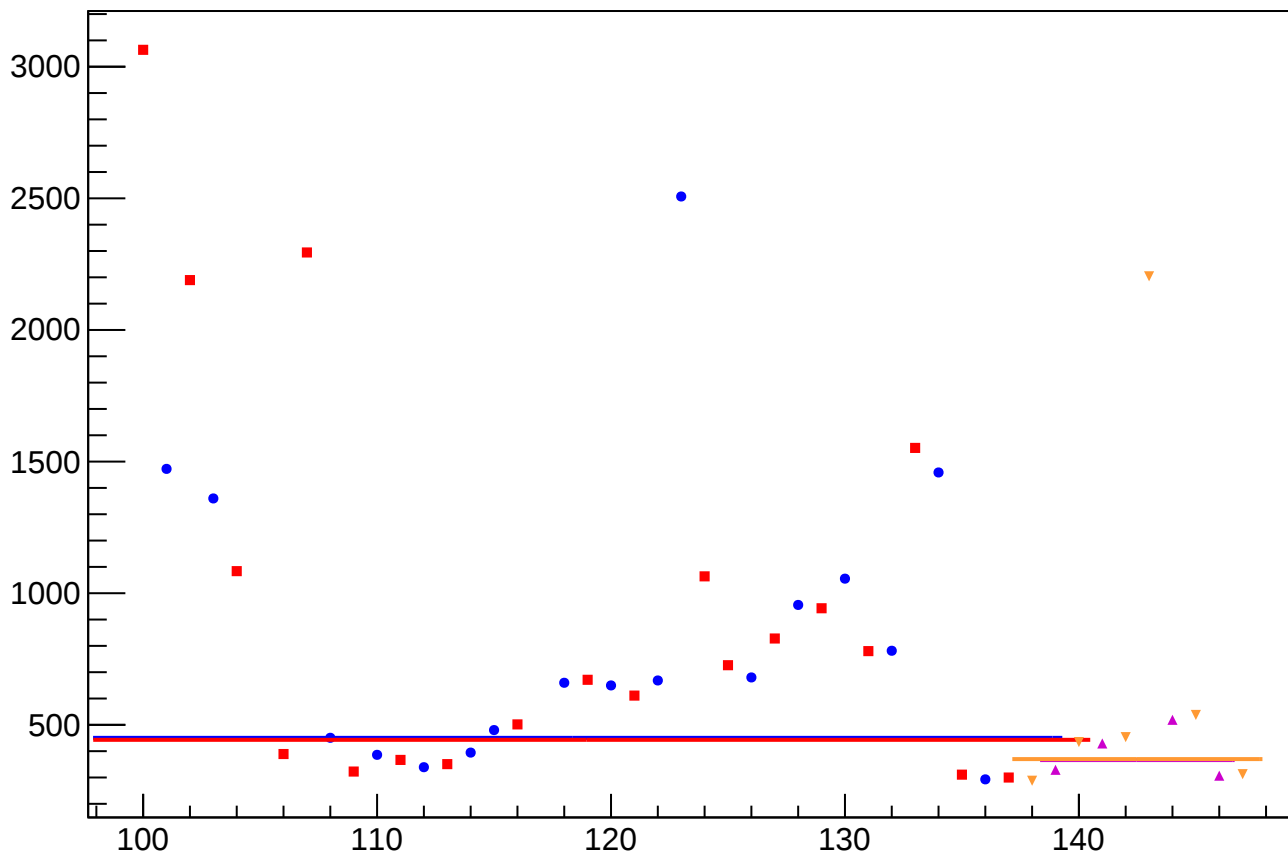
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: -96.569 $\pm$ 143.133 χ^2 /NDF:21.4/20

Out: 101.807 $\pm$ 137.602 χ^2 /NDF:27.2/24

All: 6.526 $\pm$ 99.197 χ^2 /NDF: 49.6/45

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: 369.905+/-0.139 χ^2/NDF : 1447302.4/5

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

Left In: 366.202+/-0.146 χ^2/NDF : 263973.5/3

Left: 368.147+/-0.101 χ^2/NDF : 1711611.8/9

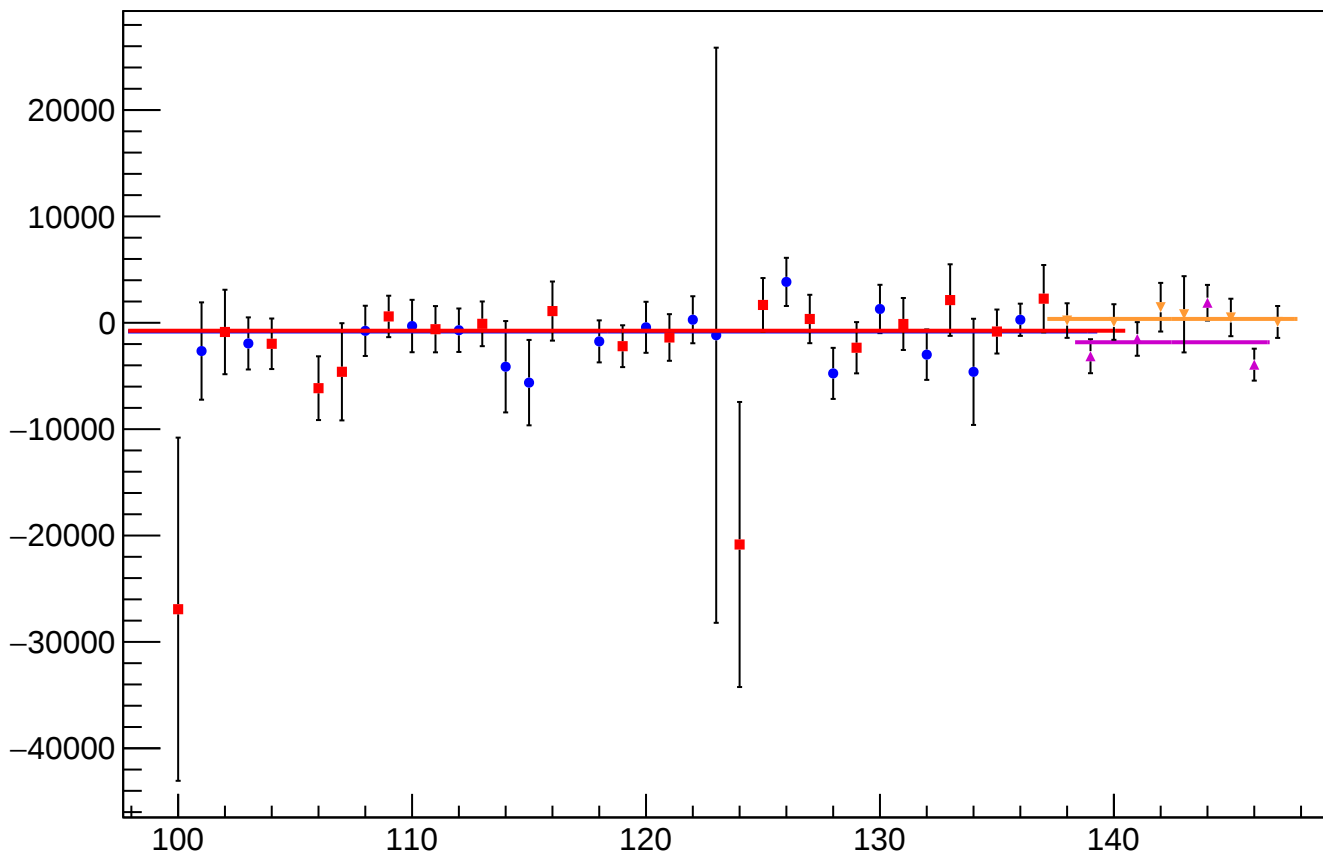
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 410.250+/-0.101 χ^2/NDF : 3435194.1/20

Out: 407.317+/-0.097 χ^2/NDF : 5060065.9/24

All: 408.726+/-0.070 χ^2/NDF : 8495696.2/45

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: 363.368+/-751.273 χ^2/NDF : 0.3/5

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

Left In: -1828.923+/-792.632 χ^2/NDF : 7.6/3

Left: -674.091+/-545.265 χ^2/NDF : 12.0/9

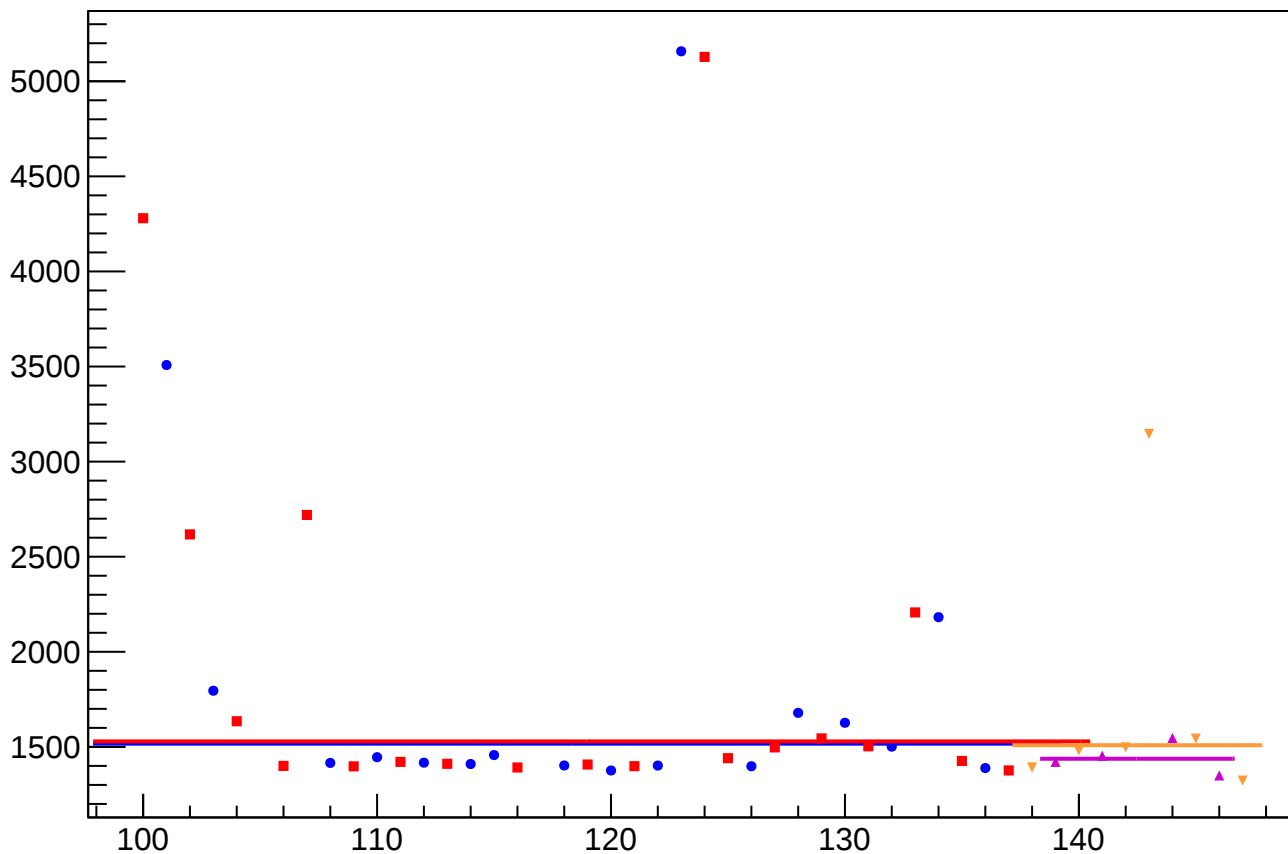
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -1186.585+/-478.976 χ^2/NDF : 21.3/20

Out: -318.020+/-466.751 χ^2/NDF : 15.7/24

All: -741.076+/-334.281 χ^2/NDF : 38.8/45

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: 1508.772 $\pm$ 0.531 χ^2 /NDF:459642.4/5

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

Left In: 1437.661 $\pm$ 0.560 χ^2 /NDF:15766.7/3

Left: 1475.120 $\pm$ 0.386 χ^2 /NDF: 483888.7/9

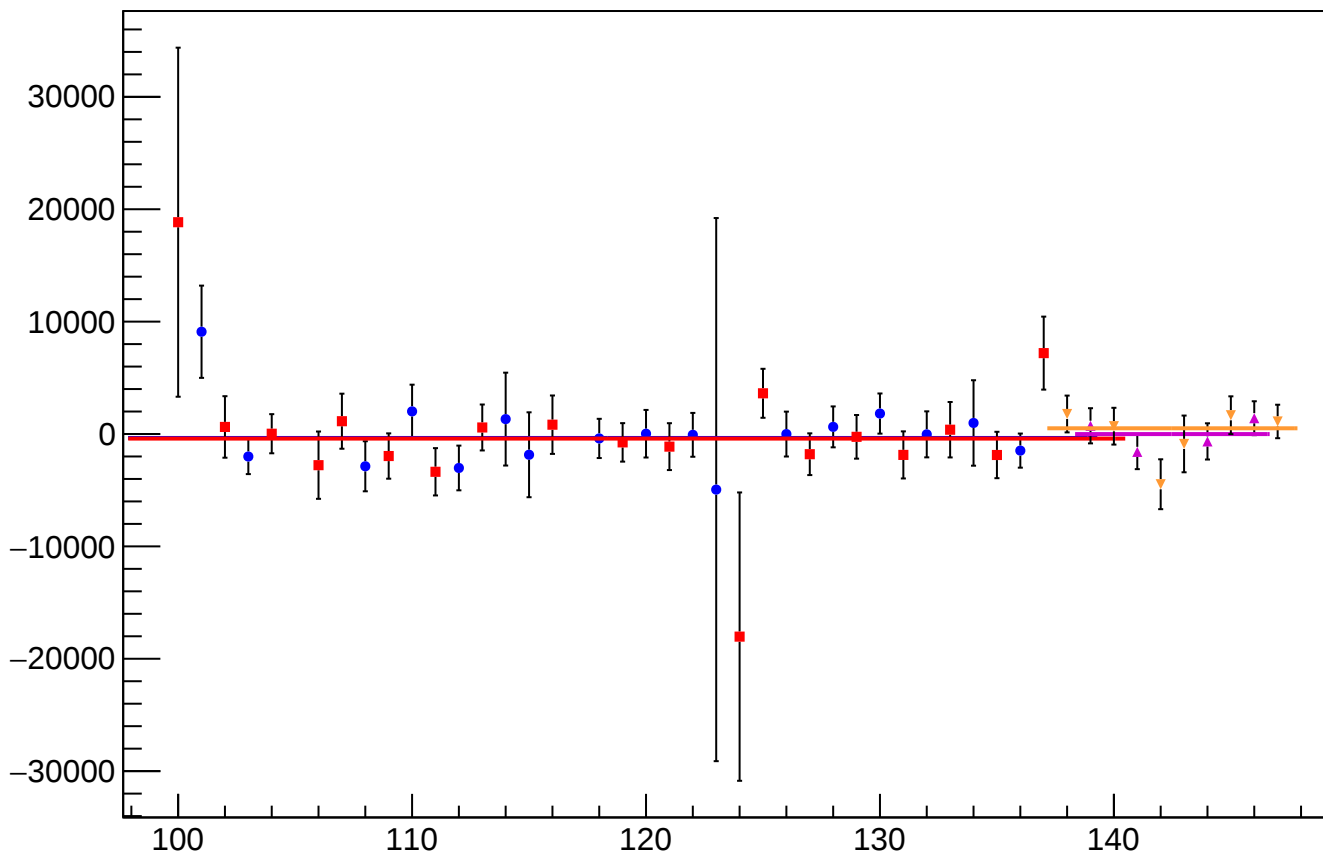
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1487.987 $\pm$ 0.339 χ^2 /NDF:569506.5/20

Out: 1521.104 $\pm$ 0.330 χ^2 /NDF:1090701.7/24

All: 1504.973 $\pm$ 0.236 χ^2 /NDF: 1665112.1/45

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: 507.907+/-723.425 χ^2/NDF : 6.6/5

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

Left In: -7.355+/-776.994 χ^2/NDF : 2.3/3

Left: 268.649+/-529.465 χ^2/NDF : 9.2/9

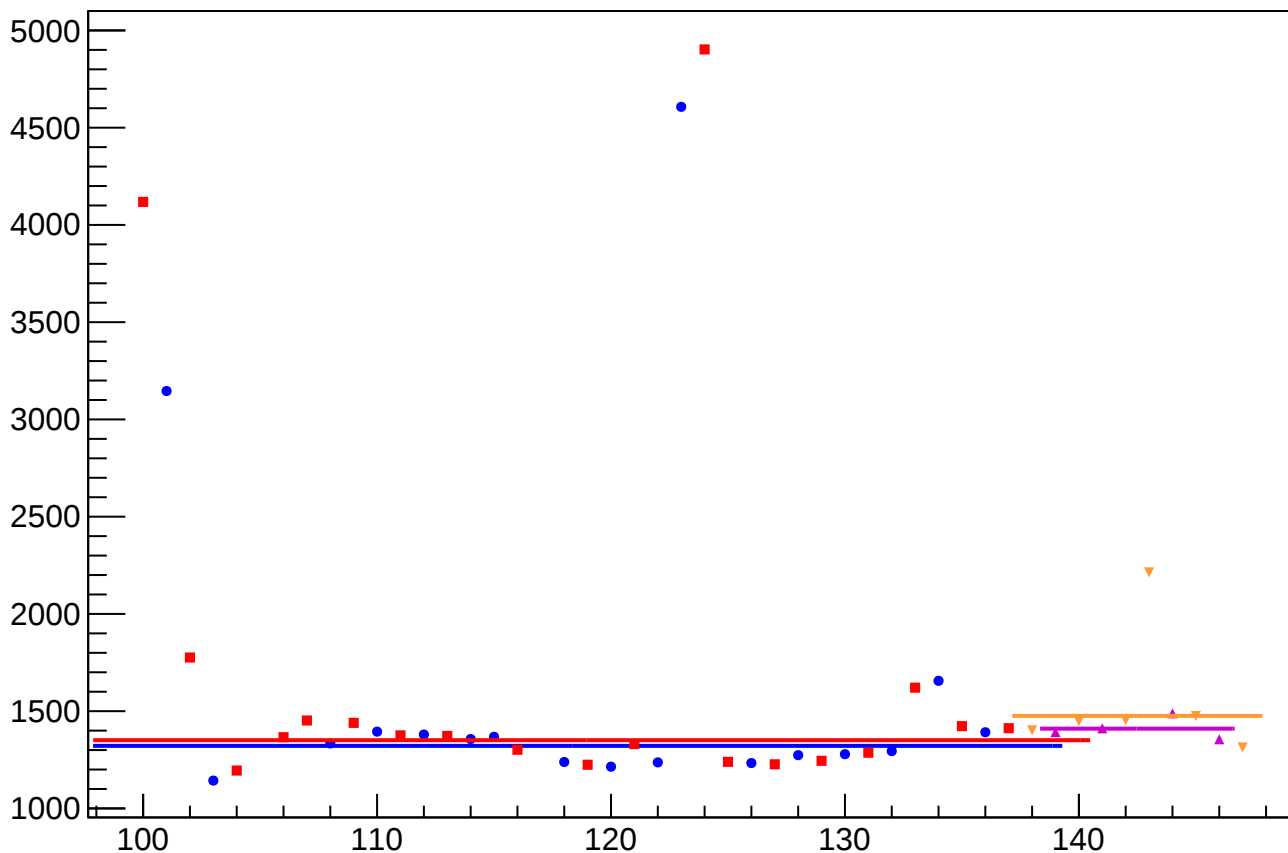
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -245.225+/-434.054 χ^2/NDF : 15.9/20

Out: -93.963+/-423.331 χ^2/NDF : 26.0/24

All: -167.702+/-303.060 χ^2/NDF : 42.0/45

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: 1475.731+/-0.512 χ^2/NDF : 199501.1/5

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

Left In: 1410.196+/-0.549 χ^2/NDF : 7637.6/3

Left: 1445.300+/-0.374 χ^2/NDF : 214760.0/9

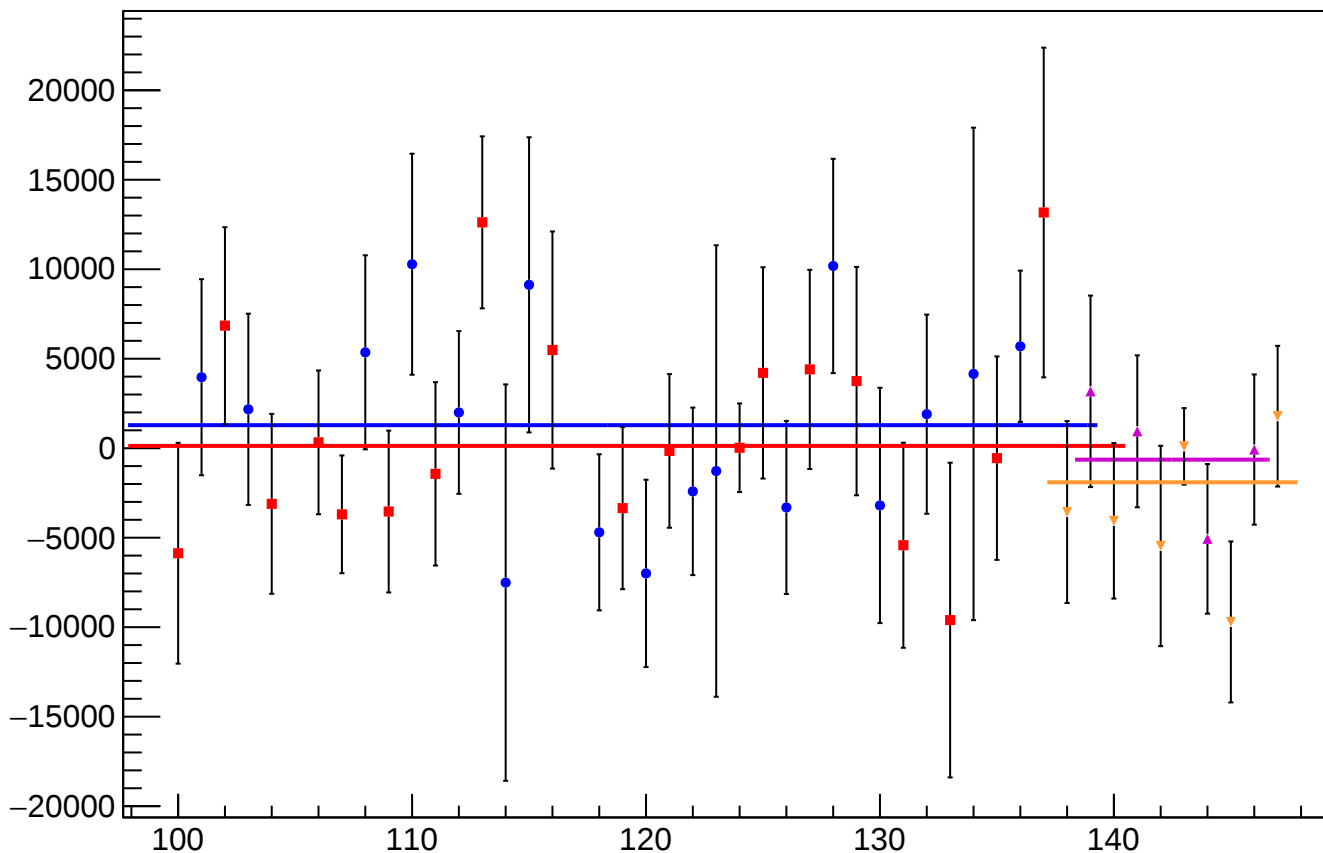
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1349.318+/-0.307 χ^2/NDF : 527730.0/20

Out: 1393.531+/-0.299 χ^2/NDF : 588638.0/24

All: 1371.986+/-0.214 χ^2/NDF : 1127006.9/45

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: -1903.080+/-1479.886 χ^2/NDF : 5.5/5

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

Left In: -638.598+/-2211.774 χ^2/NDF : 1.8/3

Left: -1512.047+/-1229.959 χ^2/NDF : 7.5/9

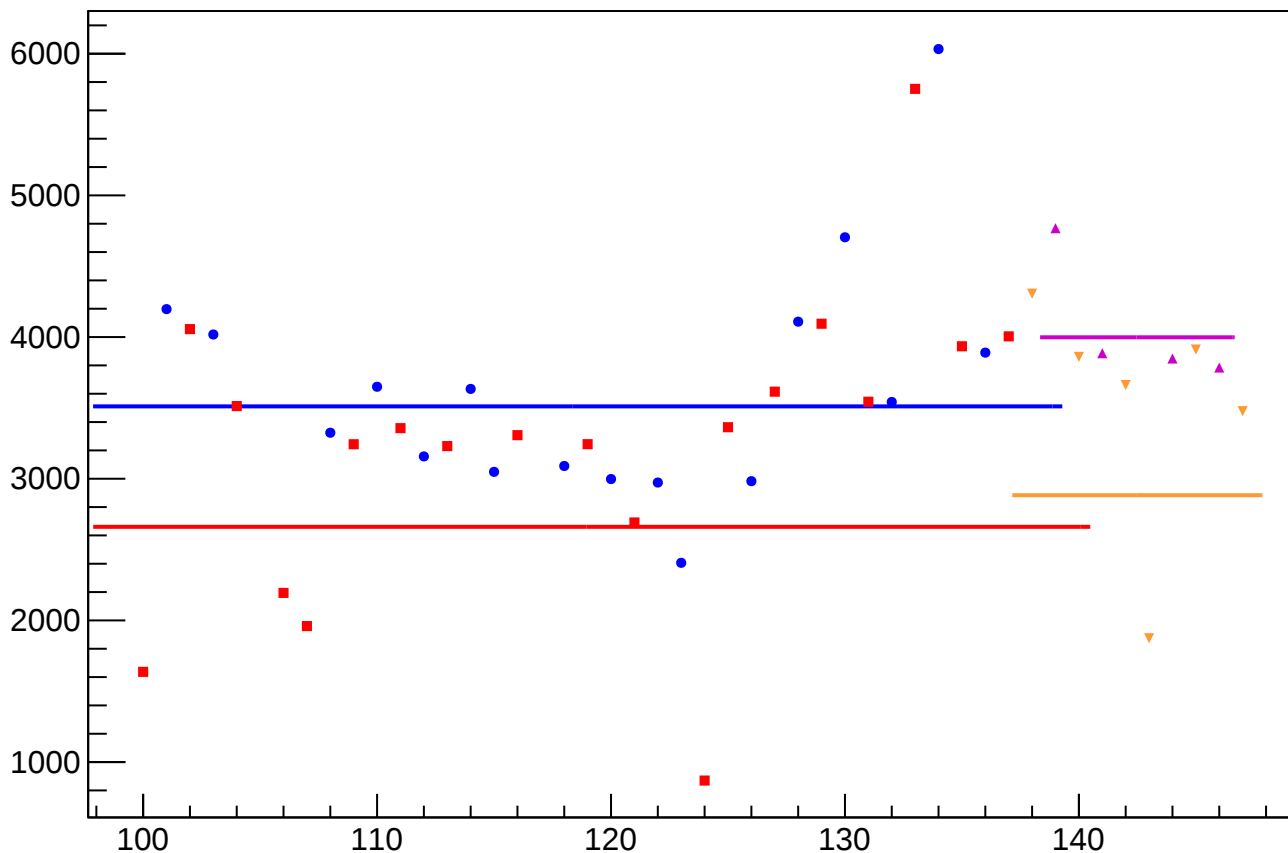
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 750.121+/-1168.263 χ^2/NDF : 16.6/20

Out: -584.209+/-876.720 χ^2/NDF : 25.3/24

All: -103.484+/-701.225 χ^2/NDF : 42.7/45

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 2883.788 $\pm$ 1.046 χ^2 /NDF: 892566.6/5

Right Out: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 3998.293 $\pm$ 1.564 χ^2 /NDF: 50583.2/3

Left: 3228.441 $\pm$ 0.870 χ^2 /NDF: 1293931.8/9

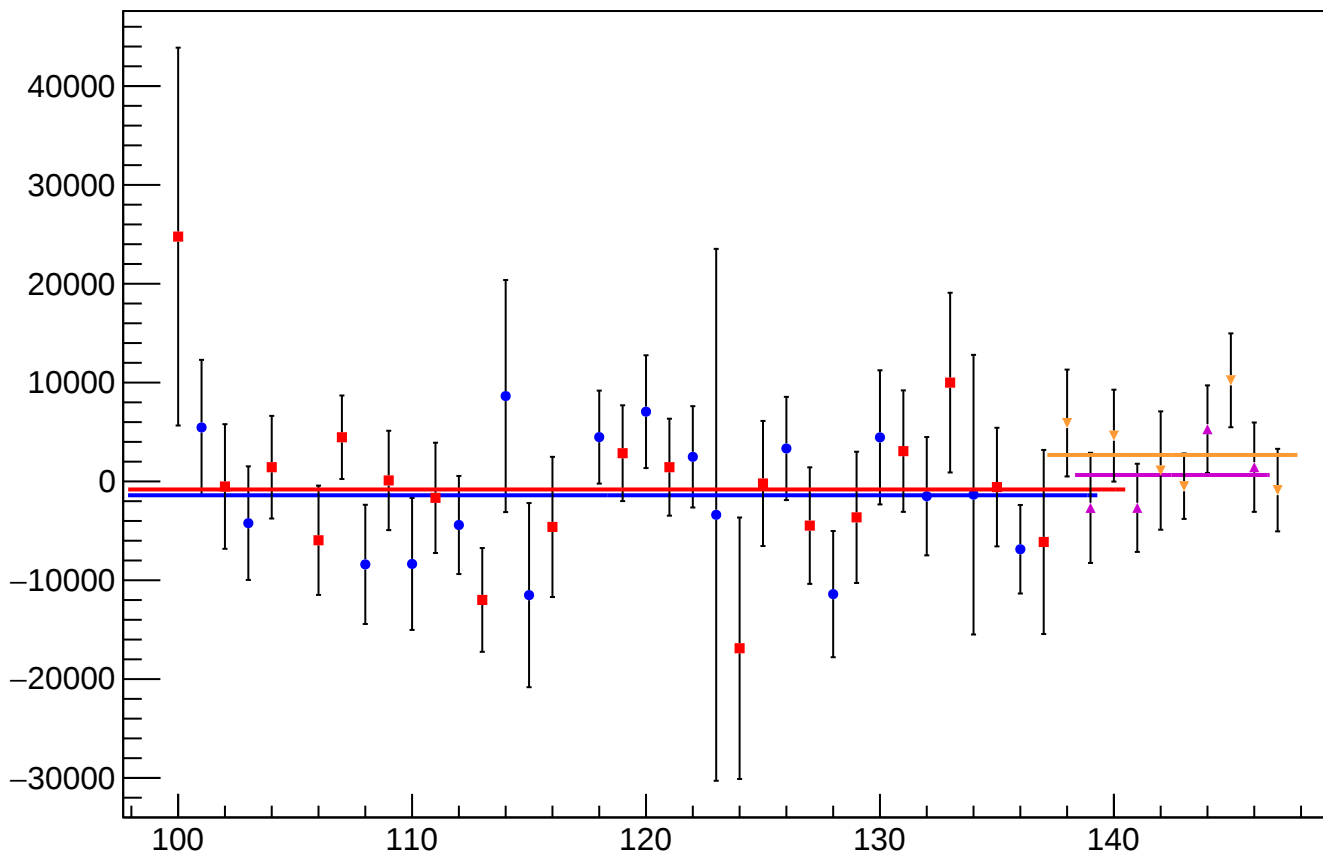
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3646.808 $\pm$ 0.826 χ^2 /NDF: 464690.1/20

Out: 2738.955 $\pm$ 0.620 χ^2 /NDF: 3104739.5/24

All: 3066.032 $\pm$ 0.496 χ^2 /NDF: 4342062.3/45

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 2676.825+/-1821.725 χ^2/NDF : 4.8/5

Right Out: -814.071+/-1379.106 χ^2/NDF : 14.3/18

Left In: 651.079+/-2342.142 χ^2/NDF : 2.0/3

Left: 1913.244+/-1437.965 χ^2/NDF : 7.3/9

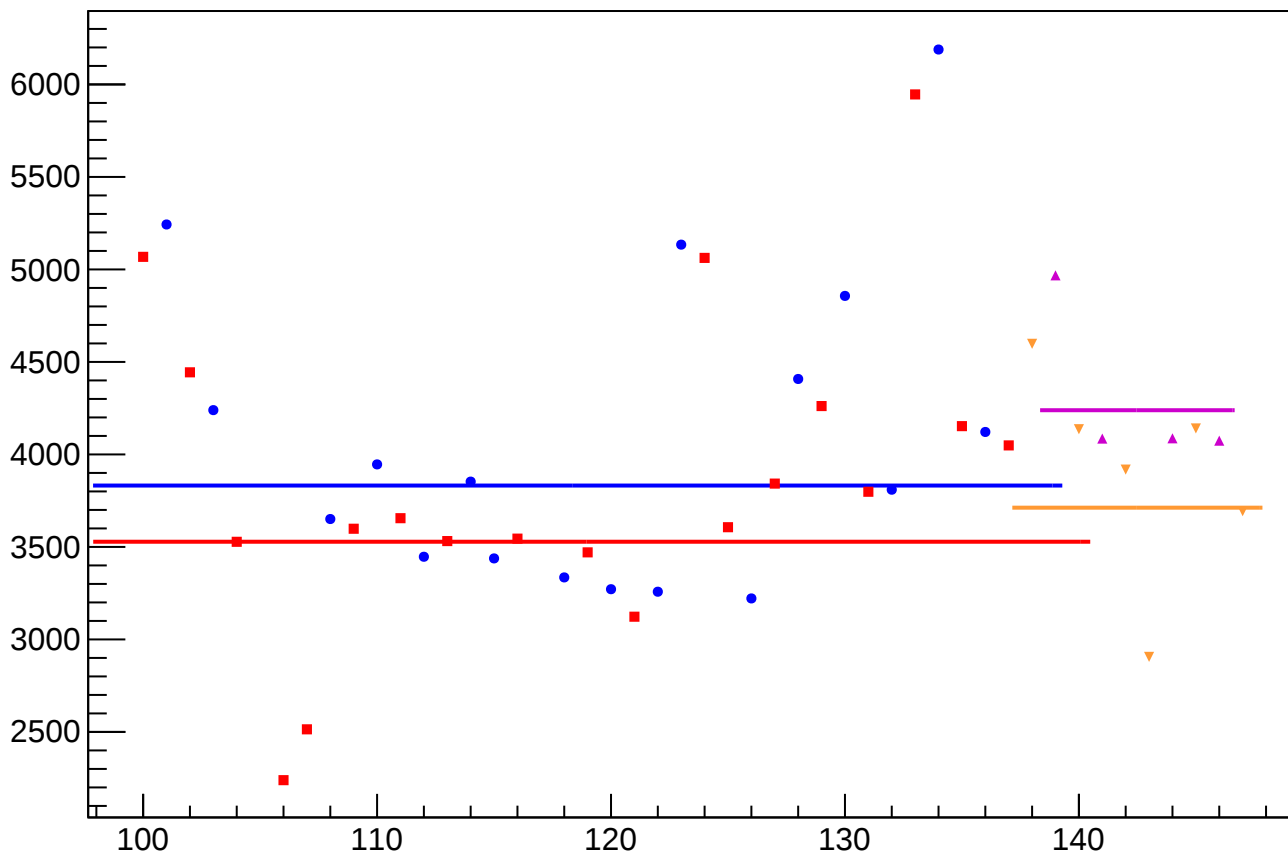
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

In: -802.100+/-1265.630 χ^2/NDF : 18.4/20

Out: 457.704+/-1099.562 χ^2/NDF : 21.4/24

All: -84.177+/-830.055 χ^2/NDF : 40.3/45

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 3712.195 $\pm$ 1.288 χ^2 /NDF:207708.4/5

Right Out: 3528.100 $\pm$ 0.966 χ^2 /NDF: 557192.5/18

Left In: 4238.991 $\pm$ 1.656 χ^2 /NDF:41602.6/3

Left: 3910.764 $\pm$ 1.017 χ^2 /NDF: 312351.6/9

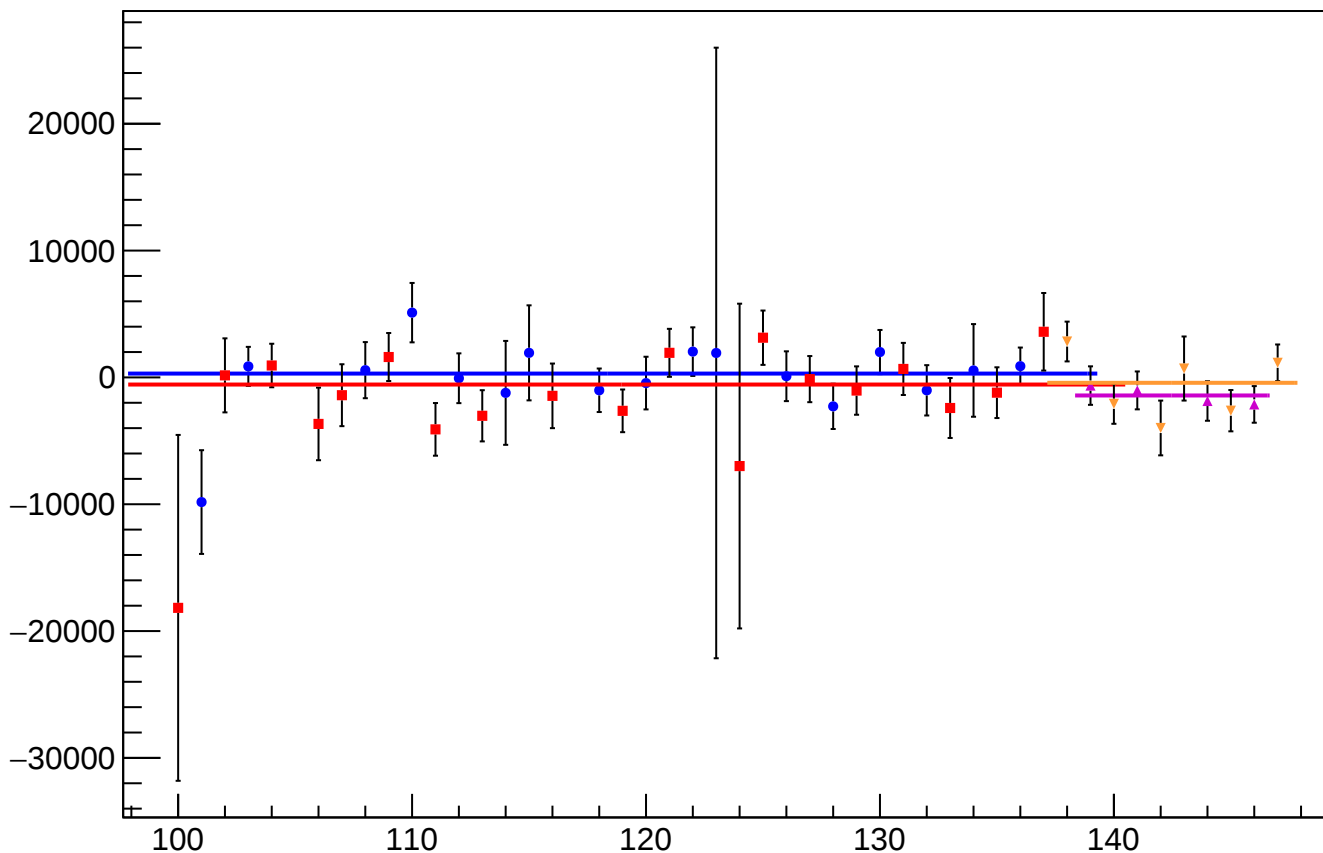
Right: 3665.441 $\pm$ 0.715 χ^2 /NDF: 939571.7/35

In: 3950.710 $\pm$ 0.895 χ^2 /NDF:422105.3/20

Out: 3594.391 $\pm$ 0.773 χ^2 /NDF:777970.5/24

All: 3746.641 $\pm$ 0.585 χ^2 /NDF: 1290867.5/45

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: -425.362 ± 700.639 χ^2/NDF : 11.3/5

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

Left In: -1424.122 ± 750.981 χ^2/NDF : 0.7/3

Left: -890.147 ± 512.300 χ^2/NDF : 12.9/9

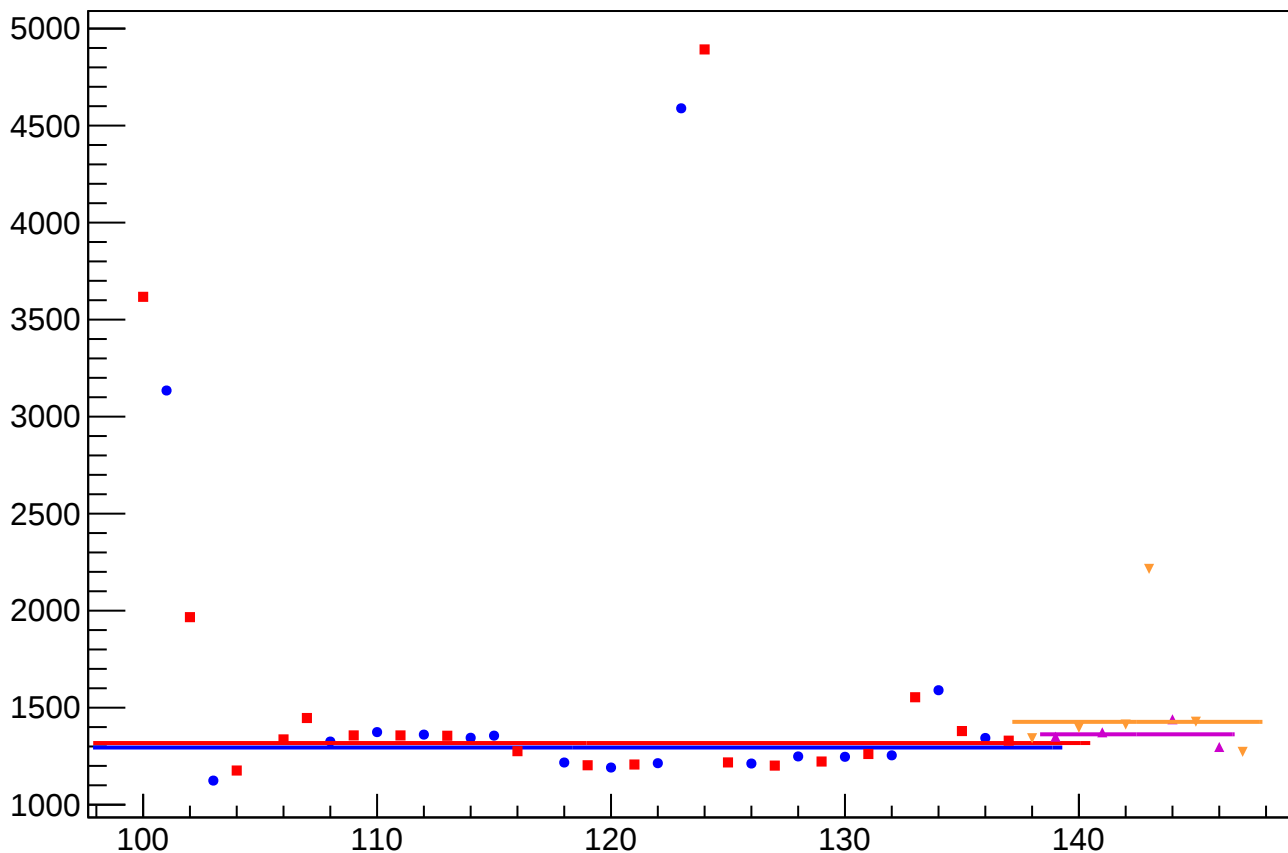
Right: -133.943 ± 361.026 χ^2/NDF : 36.6/35

In: -246.975 ± 423.507 χ^2/NDF : 20.3/20

Out: -515.032 ± 411.447 χ^2/NDF : 30.5/24

All: -384.874 ± 295.109 χ^2/NDF : 51.0/45

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: 1426.939+/-0.495 χ^2/NDF : 224416.0/5

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

Left In: 1362.763+/-0.531 χ^2/NDF : 9247.7/3

Left: 1397.074+/-0.362 χ^2/NDF : 241472.4/9

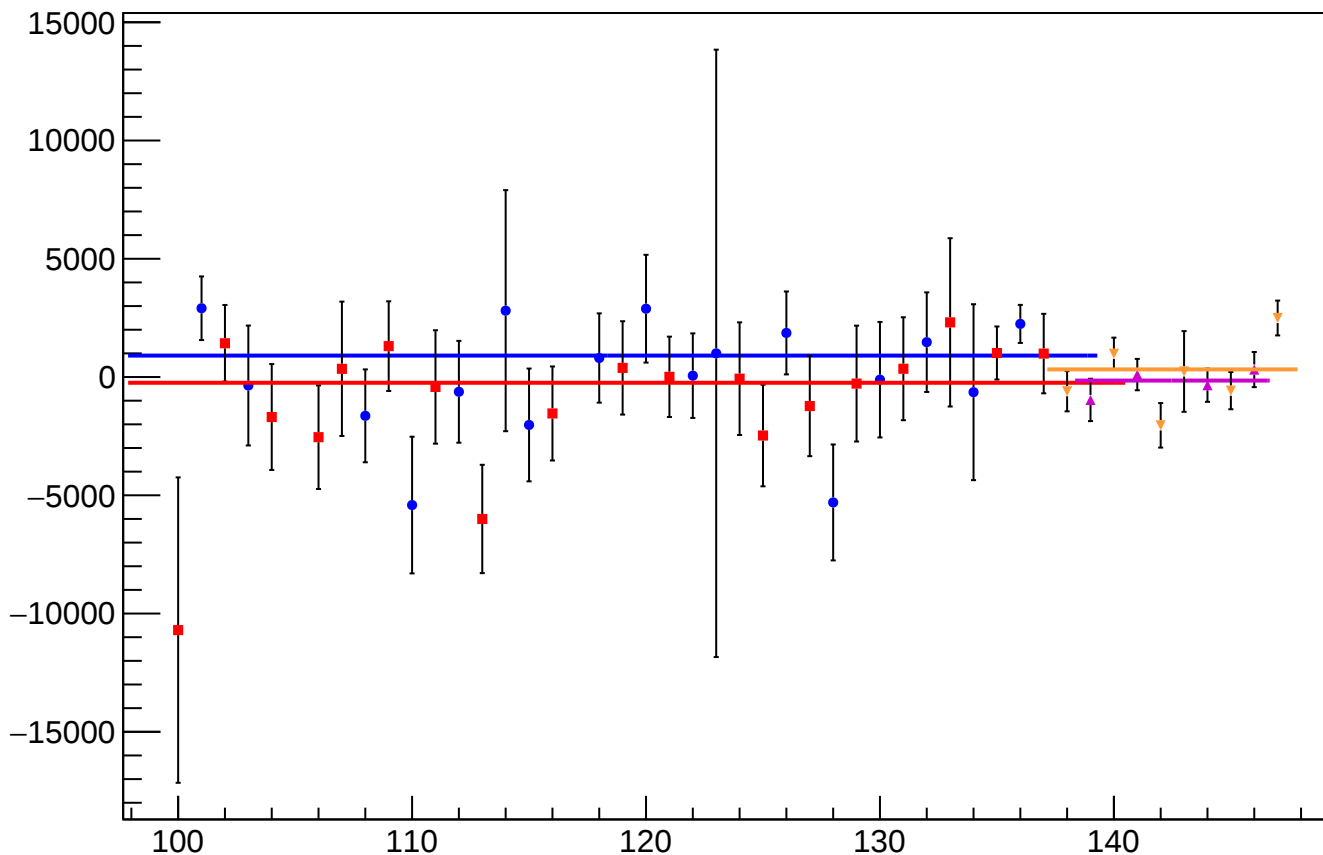
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1316.366+/-0.299 χ^2/NDF : 528245.8/20

Out: 1355.430+/-0.291 χ^2/NDF : 647023.6/24

All: 1336.462+/-0.209 χ^2/NDF : 1184023.3/45

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: 322.367+/-343.704 χ^2/NDF :18.5/5

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

Left In: -149.158+/-368.604 χ^2/NDF :1.5/3

Left: 103.067+/-251.378 χ^2/NDF : 20.8/9

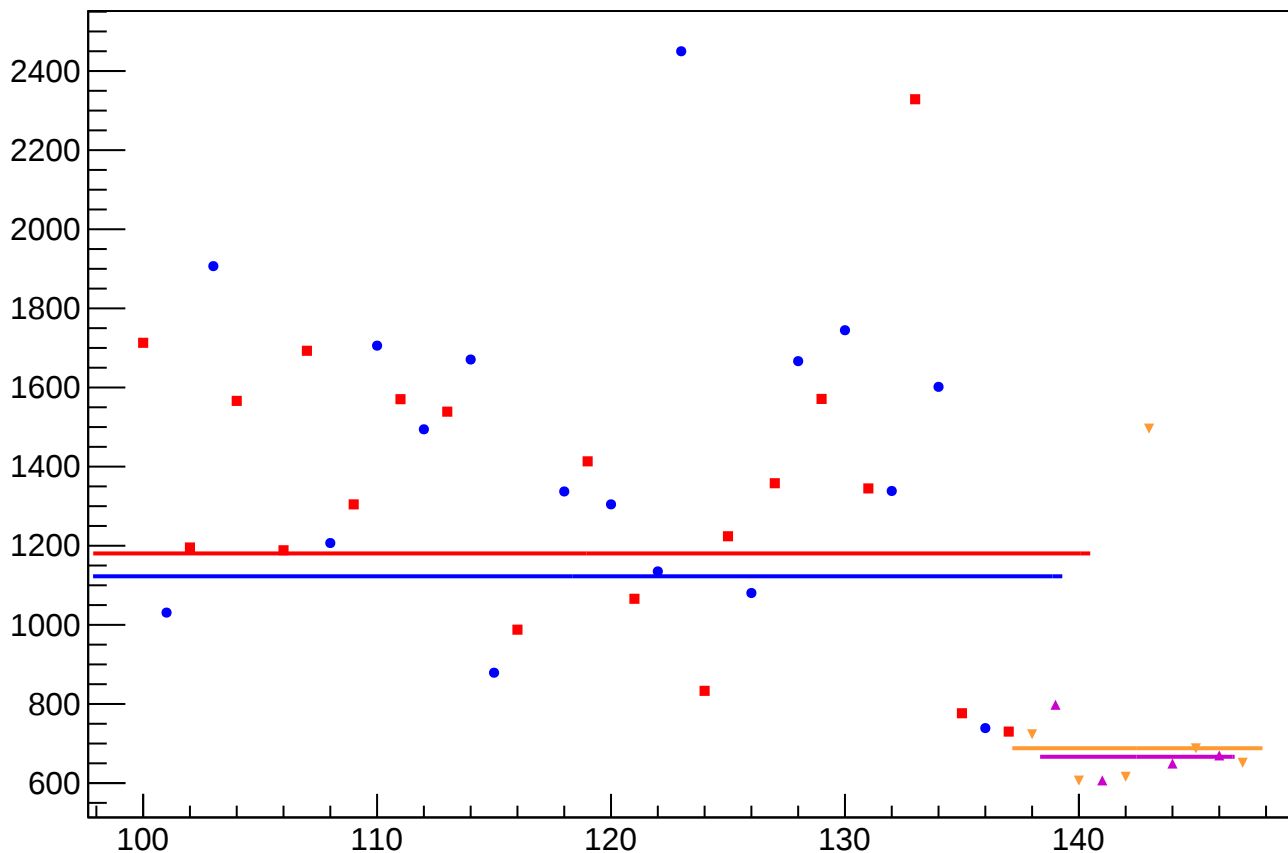
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

In: 268.281+/-286.621 χ^2/NDF :26.7/20

Out: 121.937+/-276.046 χ^2/NDF :35.9/24

All: 192.360+/-198.828 χ^2/NDF : 62.7/45

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2/NDF : 1187996.4/16

Left Out: 688.146 $\pm$ 0.243 χ^2/NDF : 497068.2/5

Right Out: 1180.554 $\pm$ 0.328 χ^2/NDF : 1035382.2/18

Left In: 666.551 $\pm$ 0.261 χ^2/NDF : 60562.7/3

Left: 678.102 $\pm$ 0.178 χ^2/NDF : 561302.8/9

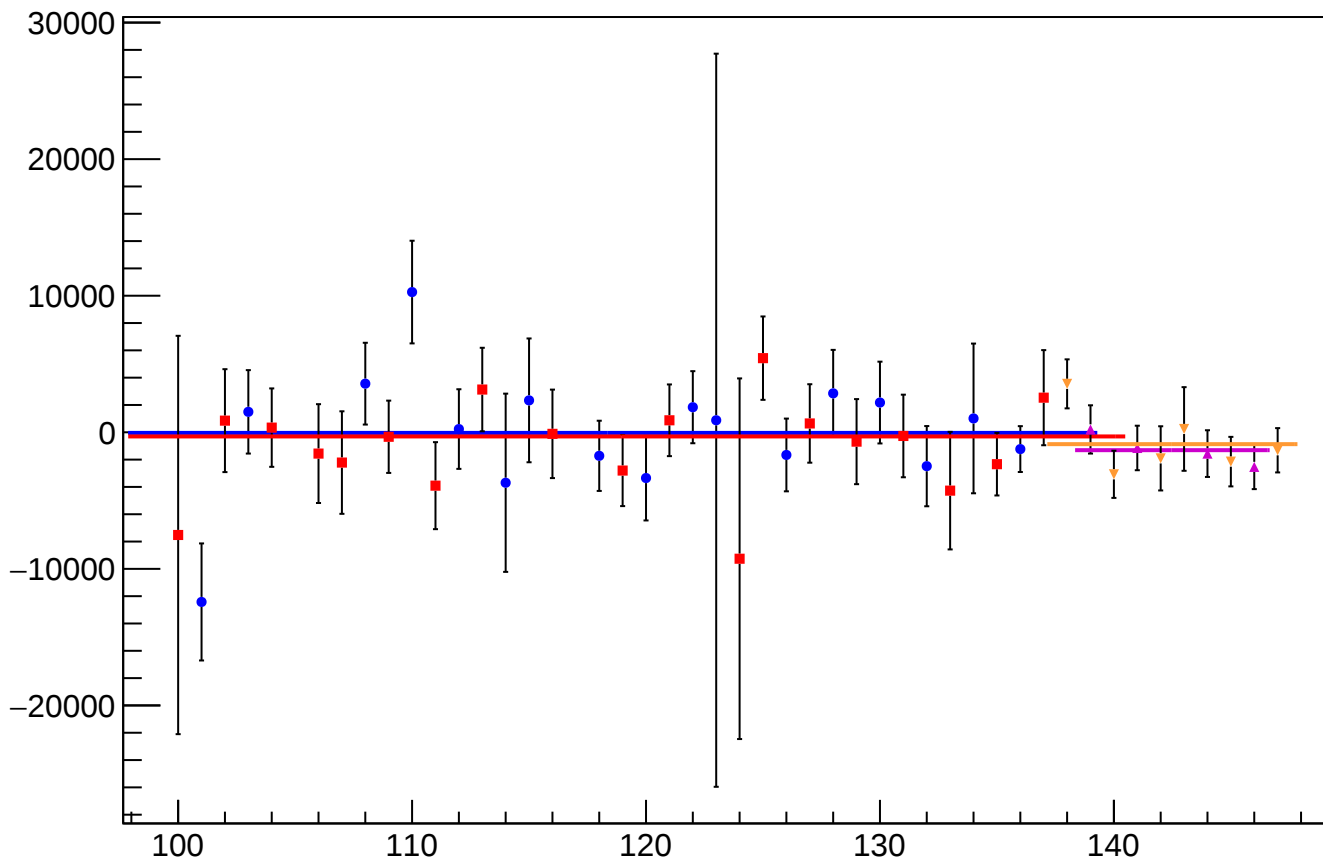
Right: 1151.192 $\pm$ 0.230 χ^2/NDF : 2239183.7/35

In: 846.923 $\pm$ 0.203 χ^2/NDF : 2459870.4/20

Out: 862.925 $\pm$ 0.195 χ^2/NDF : 2989507.4/24

All: 855.225 $\pm$ 0.141 χ^2/NDF : 5452612.2/45

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: -868.426+/-786.173 χ^2/NDF : 8.6/5

Right Out: -303.720+/-734.458 χ^2/NDF : 10.9/18

Left In: -1309.224+/-840.274 χ^2/NDF : 1.3/3

Left: -1074.179+/-574.082 χ^2/NDF : 10.1/9

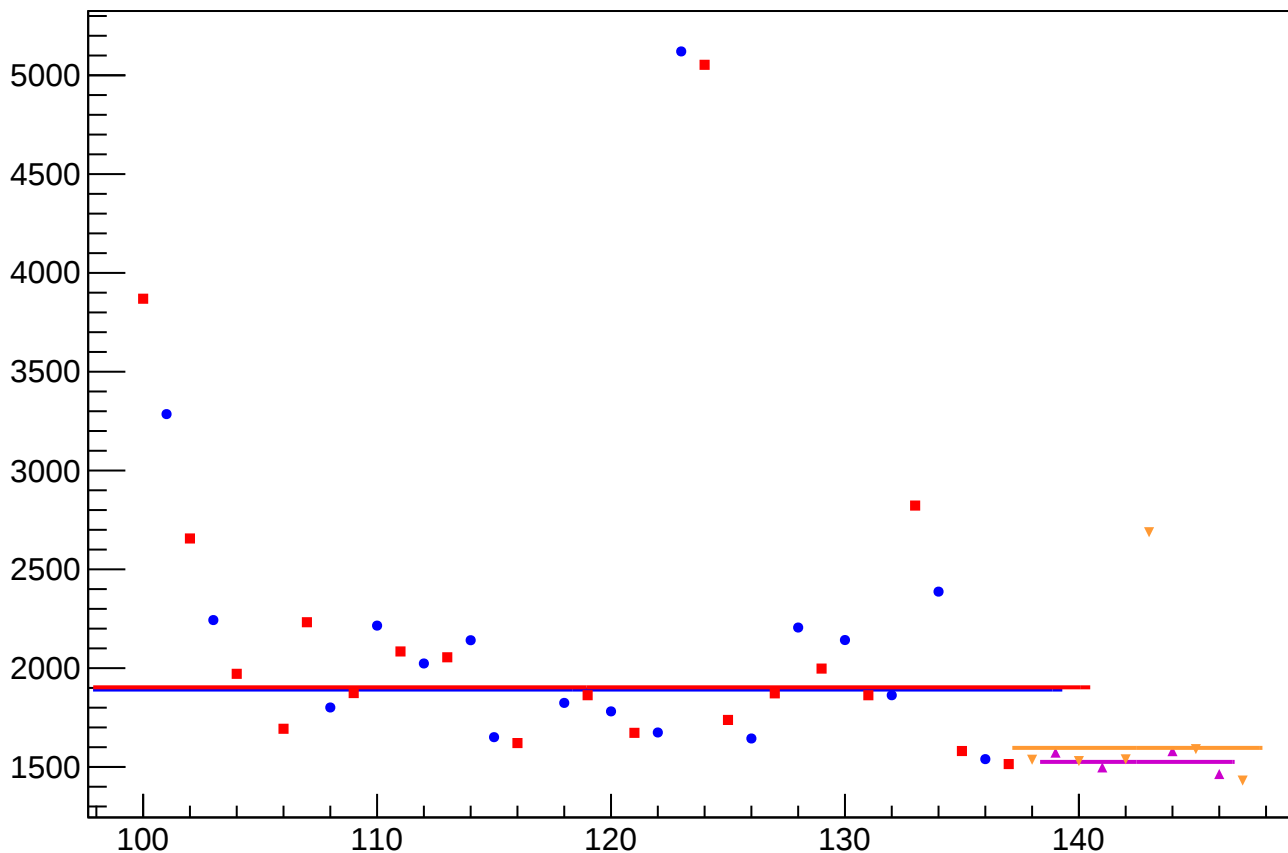
Right: -176.341+/-523.921 χ^2/NDF : 34.1/35

In: -603.215+/-558.531 χ^2/NDF : 25.8/20

Out: -566.890+/-536.692 χ^2/NDF : 19.7/24

All: -584.328+/-386.989 χ^2/NDF : 45.5/45

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1596.543+/-0.556 χ^2/NDF : 281209.7/5

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1525.662+/-0.594 χ^2/NDF : 6863.4/3

Left: 1563.457+/-0.406 χ^2/NDF : 295661.7/9

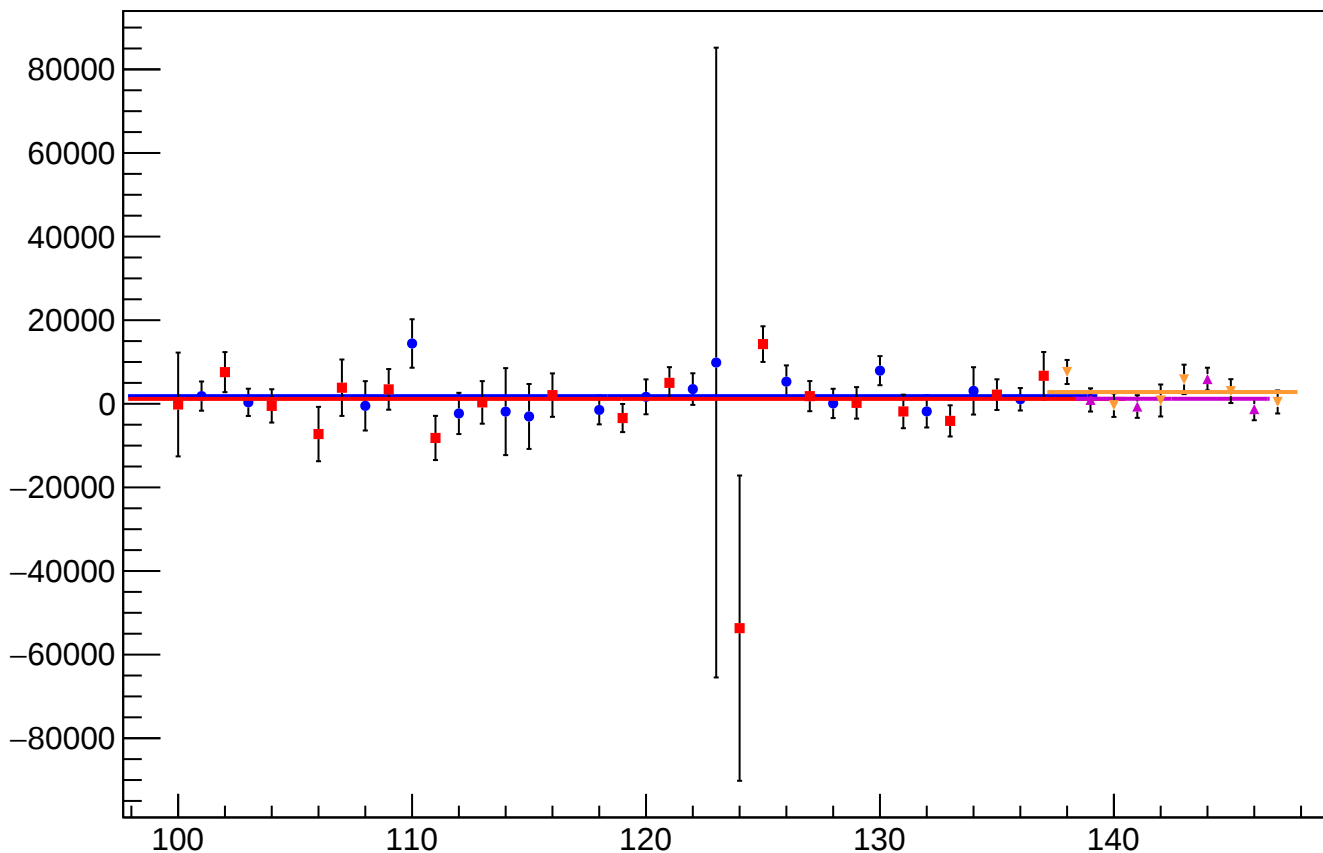
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1729.958+/-0.395 χ^2/NDF : 687756.8/20

Out: 1760.189+/-0.379 χ^2/NDF : 903644.1/24

All: 1745.676+/-0.274 χ^2/NDF : 1594447.4/45

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2814.884 $\pm$ 1240.219 χ^2 /NDF:5.8/5

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1201.128 $\pm$ 1356.568 χ^2 /NDF:4.4/3

Left: 2080.166 $\pm$ 915.341 χ^2 /NDF: 10.9/9

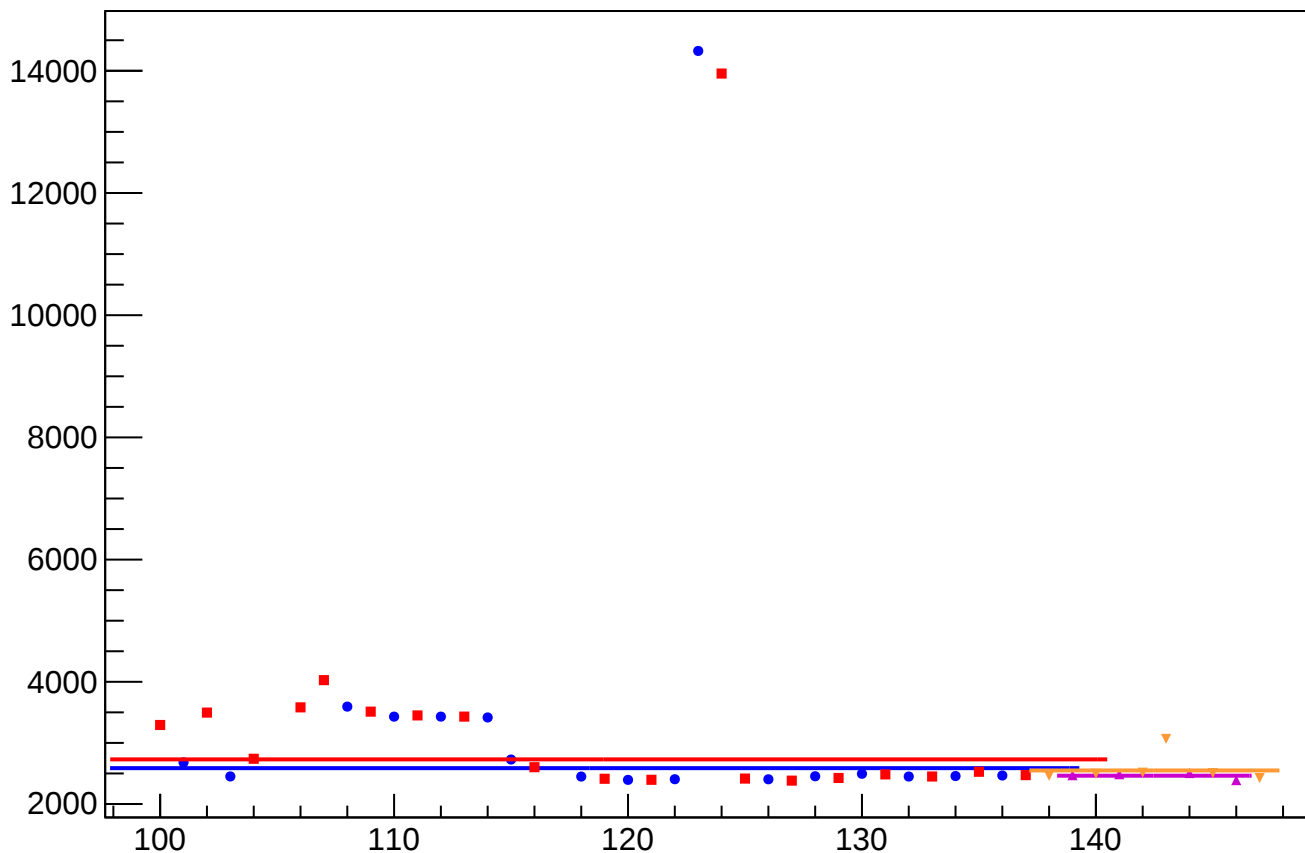
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1602.487 $\pm$ 810.210 χ^2 /NDF:17.1/20

Out: 1855.742 $\pm$ 799.671 χ^2 /NDF:32.3/24

All: 1730.772 $\pm$ 569.142 χ^2 /NDF: 49.4/45

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2549.203 $\pm$ 0.877 χ^2 /NDF:50324.1/5

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2463.372 $\pm$ 0.959 χ^2 /NDF:2195.4/3

Left: 2510.125 $\pm$ 0.647 χ^2 /NDF: 56880.7/9

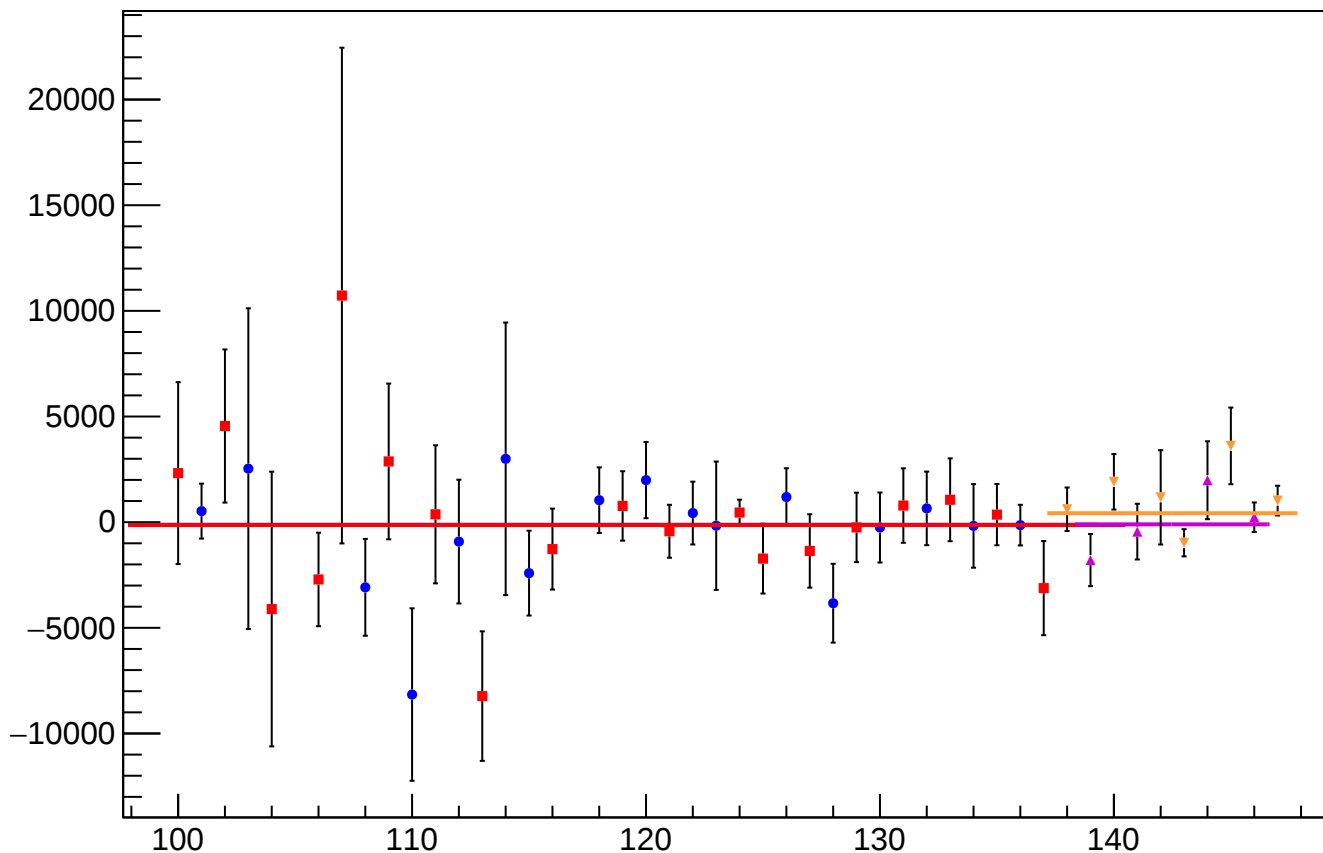
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2542.887 $\pm$ 0.573 χ^2 /NDF:266989.8/20

Out: 2655.117 $\pm$ 0.565 χ^2 /NDF:660282.9/24

All: 2599.737 $\pm$ 0.402 χ^2 /NDF: 946711.8/45

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 423.017+/-393.206 χ^2/NDF :10.0/5

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -103.188+/-527.955 χ^2/NDF :3.5/3

Left: 235.276+/-315.355 χ^2/NDF : 14.1/9

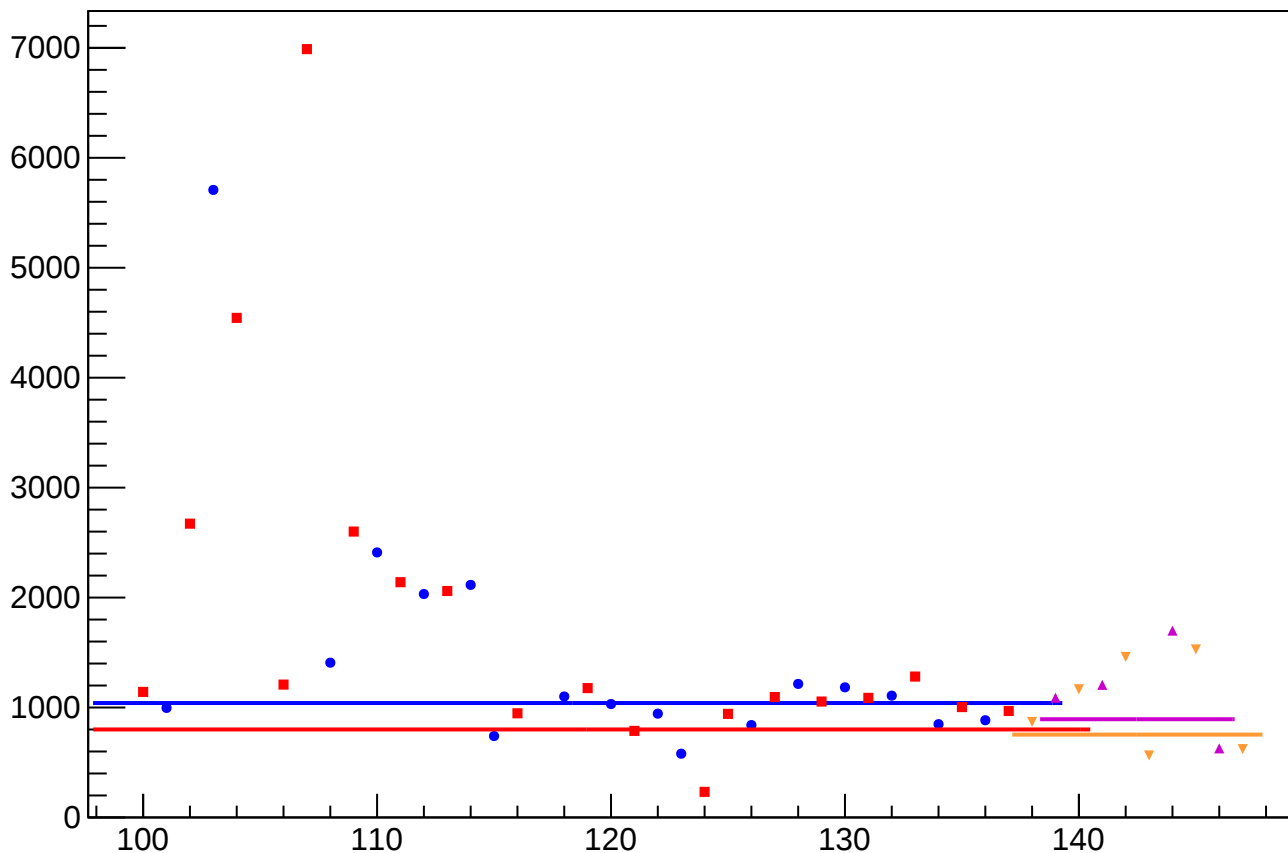
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -115.966+/-333.763 χ^2/NDF :18.2/20

Out: 133.893+/-273.041 χ^2/NDF :28.9/24

All: 33.718+/-211.334 χ^2/NDF : 47.4/45

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 753.576+/-0.278 χ^2/NDF :1032400.2/5

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 893.427+/-0.373 χ^2/NDF :834405.4/3

Left: 803.473+/-0.223 χ^2/NDF : 1957071.6/9

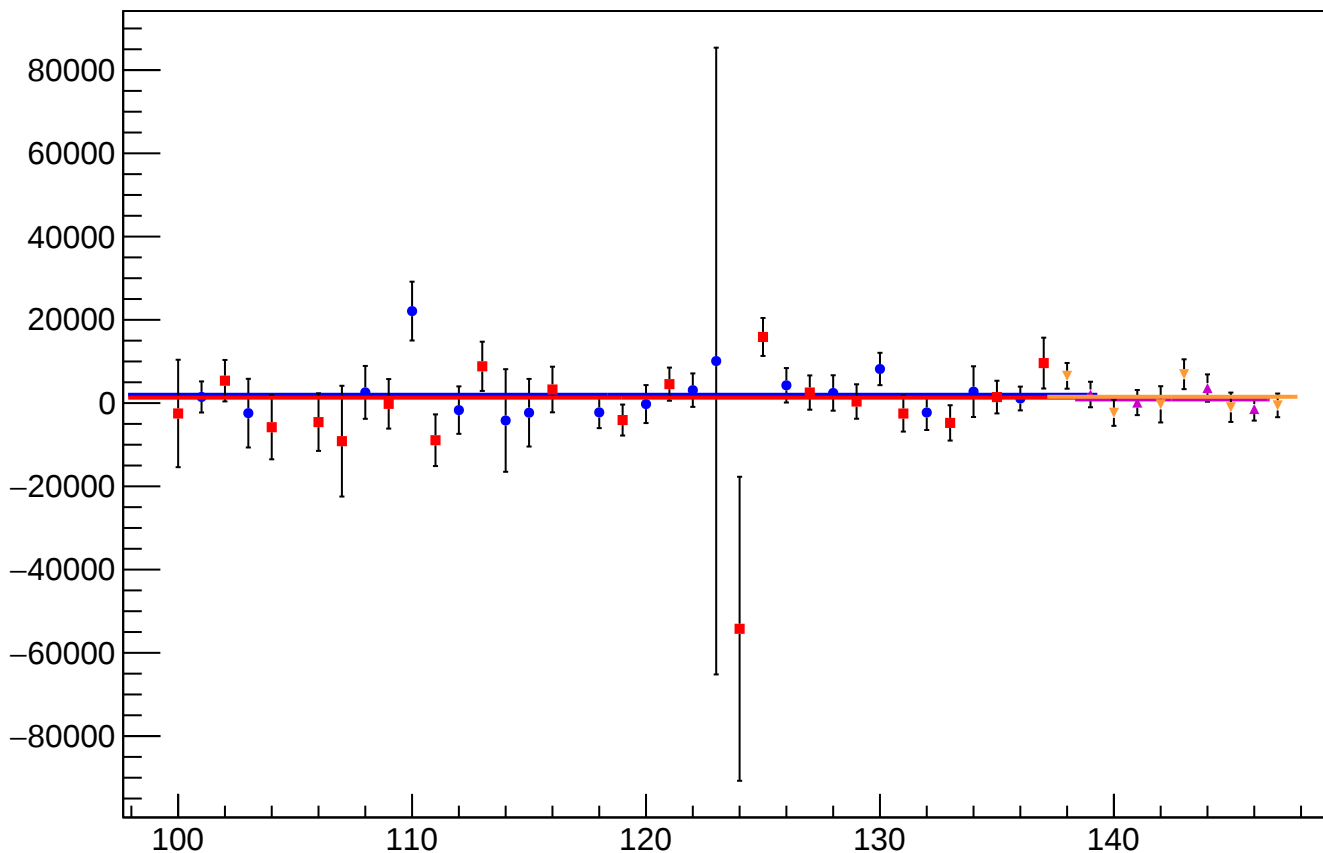
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 981.878+/-0.236 χ^2/NDF :2500946.4/20

Out: 777.826+/-0.193 χ^2/NDF :6234117.2/24

All: 859.636+/-0.149 χ^2/NDF : 9182900.6/45

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1517.523+/-1359.026 χ^2/NDF : 7.7/5

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 878.778+/-1510.692 χ^2/NDF : 1.6/3

Left: 1231.814+/-1010.354 χ^2/NDF : 9.3/9

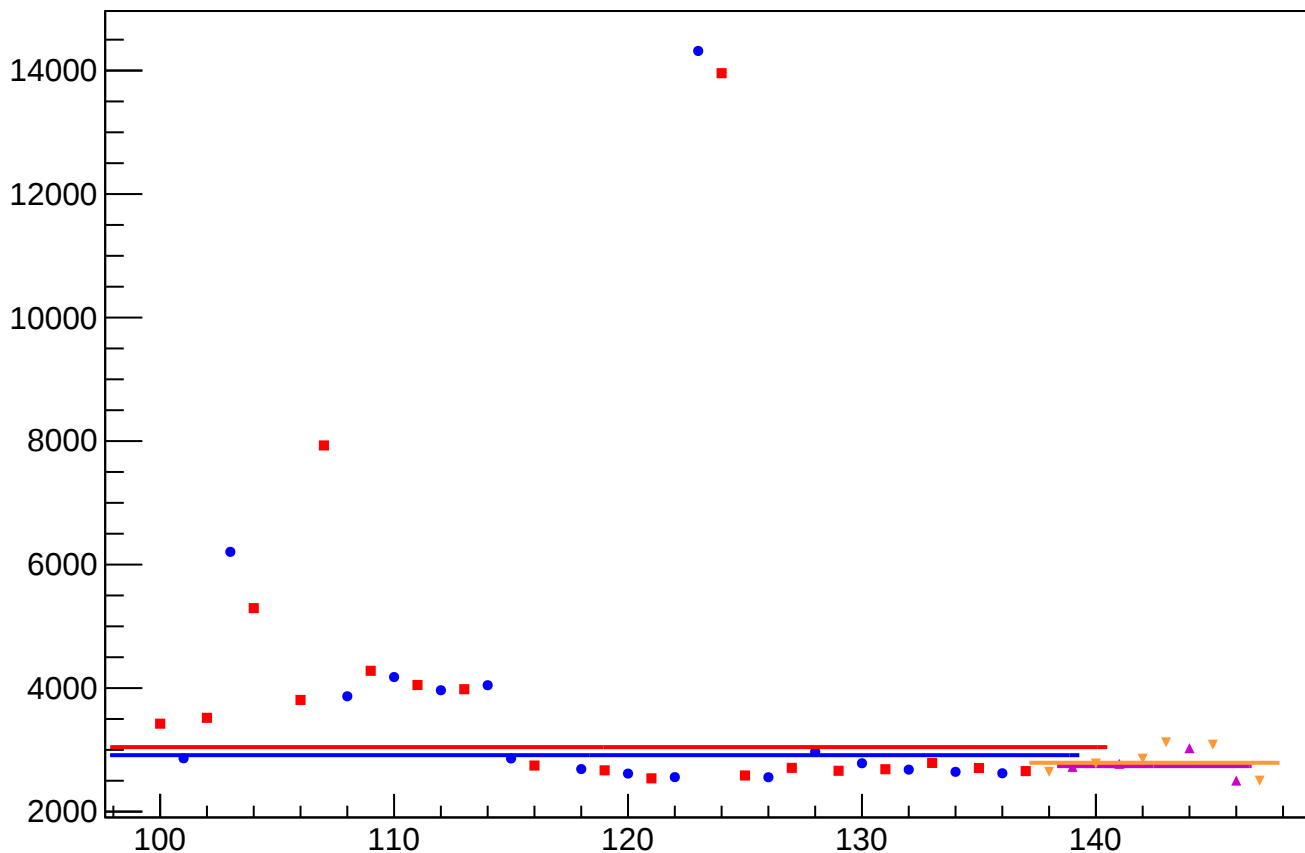
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1583.997+/-917.579 χ^2/NDF : 16.9/20

Out: 1396.616+/-894.715 χ^2/NDF : 35.2/24

All: 1487.943+/-640.590 χ^2/NDF : 52.1/45

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2791.123+/-0.961 χ^2/NDF : 56626.1/5

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2736.155+/-1.068 χ^2/NDF : 30175.5/3

Left: 2766.536+/-0.714 χ^2/NDF : 88265.0/9

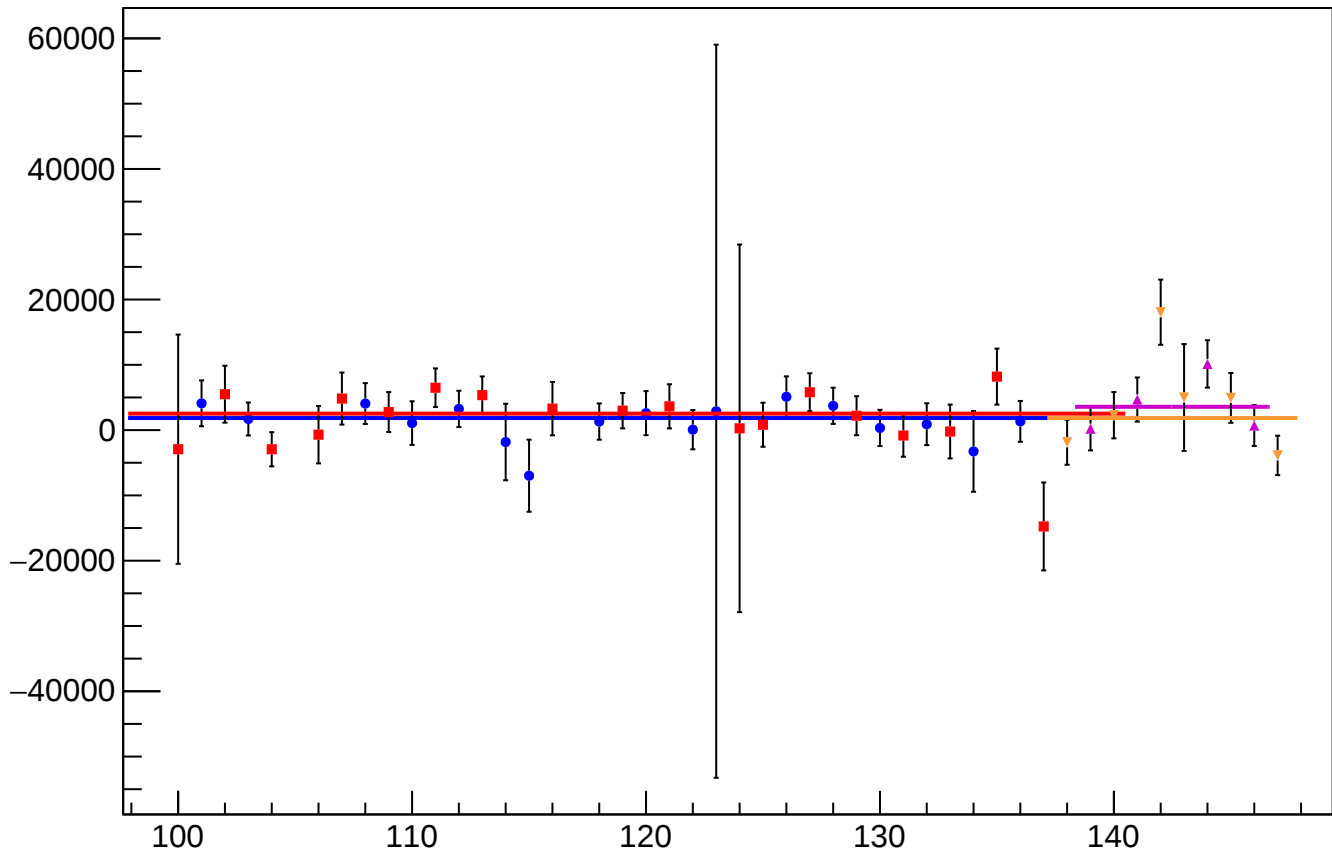
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2848.310+/-0.649 χ^2/NDF : 686627.7/20

Out: 2934.665+/-0.633 χ^2/NDF : 1101332.6/24

All: 2892.577+/-0.453 χ^2/NDF : 1797040.7/45

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 1855.717+/-1586.714 χ^2/NDF : 16.1/5

Right Out: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 3570.203+/-1675.559 χ^2/NDF : 5.2/3

Left: 2666.302+/-1152.105 χ^2/NDF : 21.9/9

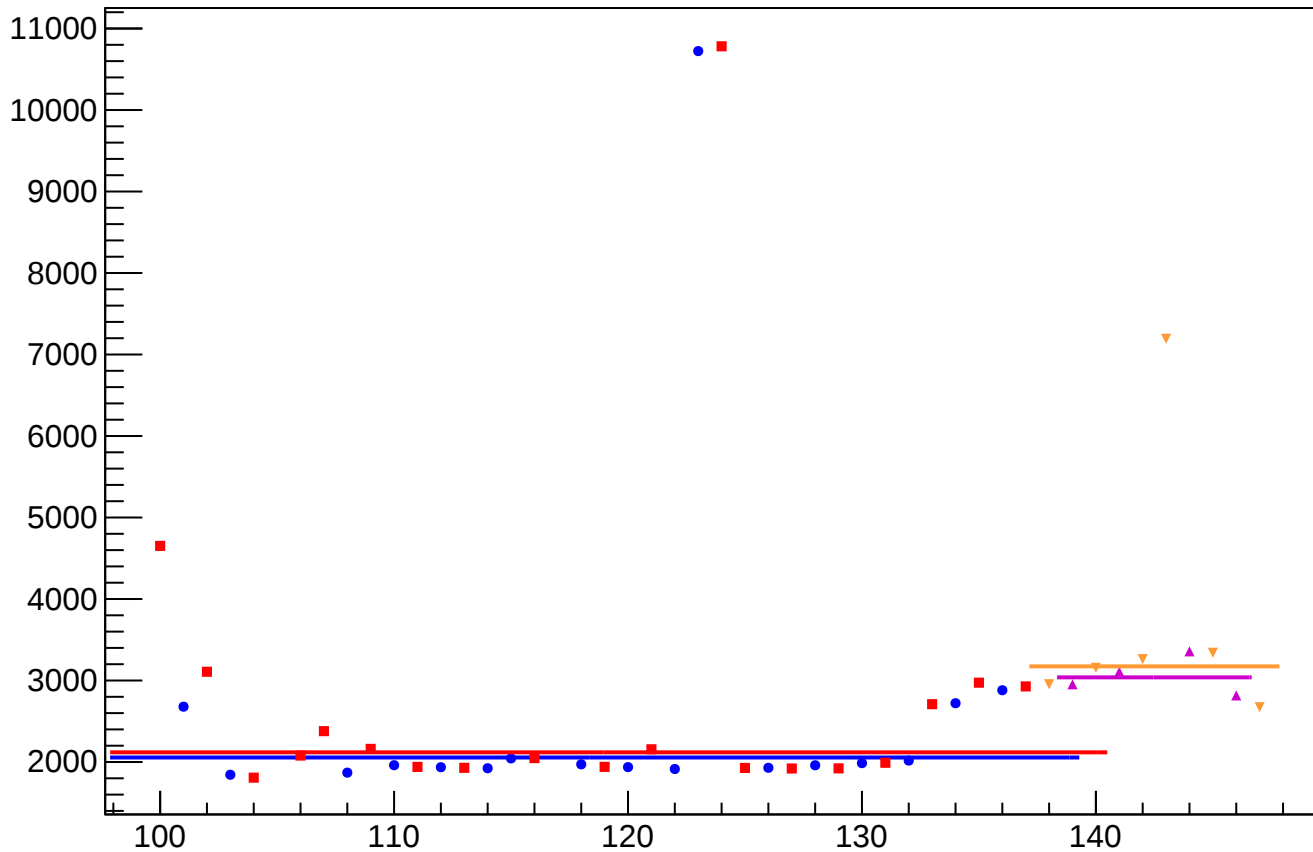
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2173.817+/-726.890 χ^2/NDF : 13.4/20

Out: 2383.014+/-727.372 χ^2/NDF : 36.4/24

All: 2278.346+/-514.159 χ^2/NDF : 49.8/45

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3173.604+/-1.122 χ^2/NDF : 549807.8/5

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 3038.725+/-1.185 χ^2/NDF : 27675.8/3

Left: 3109.835+/-0.815 χ^2/NDF : 584316.2/9

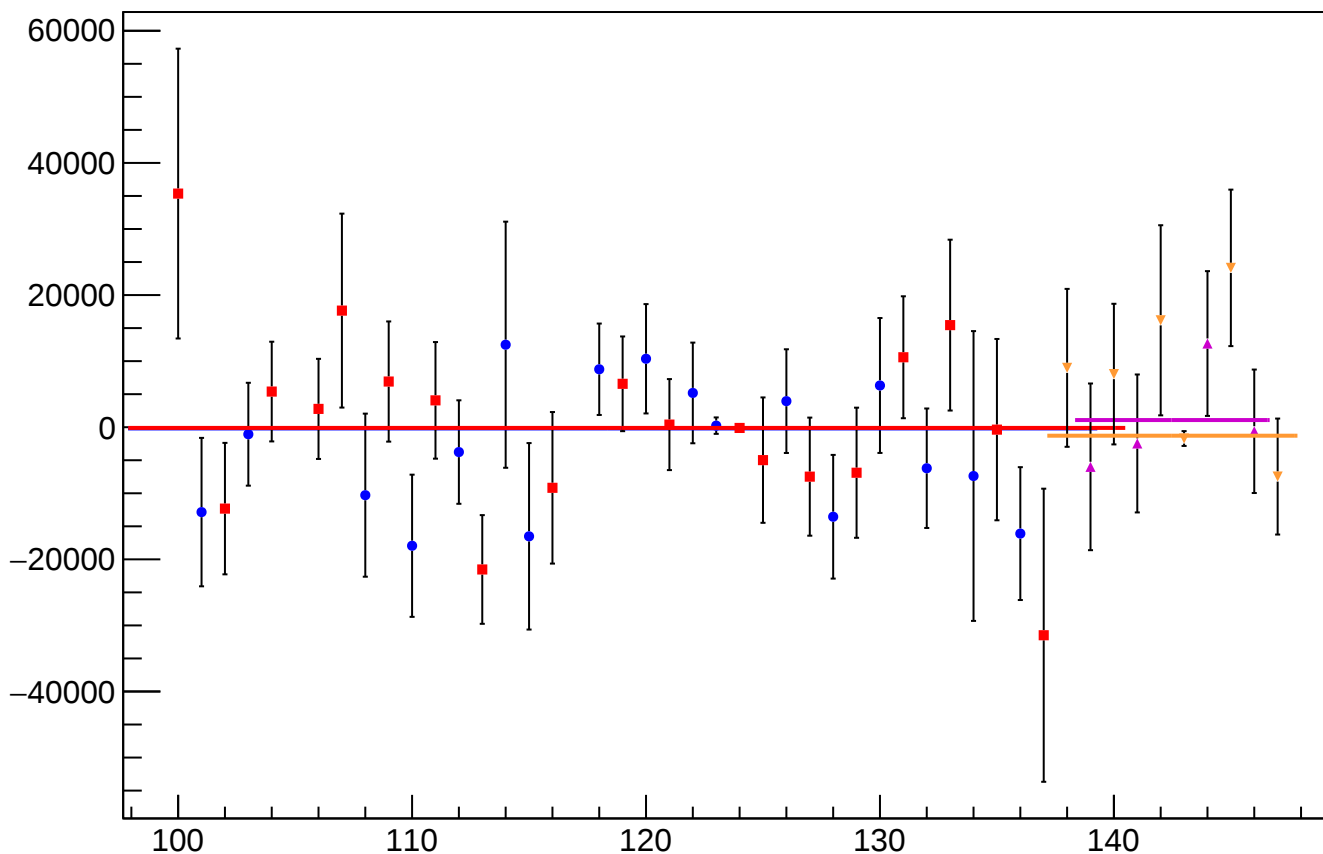
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2240.499+/-0.514 χ^2/NDF : 903190.0/20

Out: 2339.938+/-0.514 χ^2/NDF : 1822080.0/24

All: 2290.245+/-0.363 χ^2/NDF : 2743994.3/45

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1285.456+/-1094.522 χ^2/NDF : 8.2/5

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 1082.997+/-5326.511 χ^2/NDF : 1.6/3

Left: -1189.501+/-1072.121 χ^2/NDF : 10.0/9

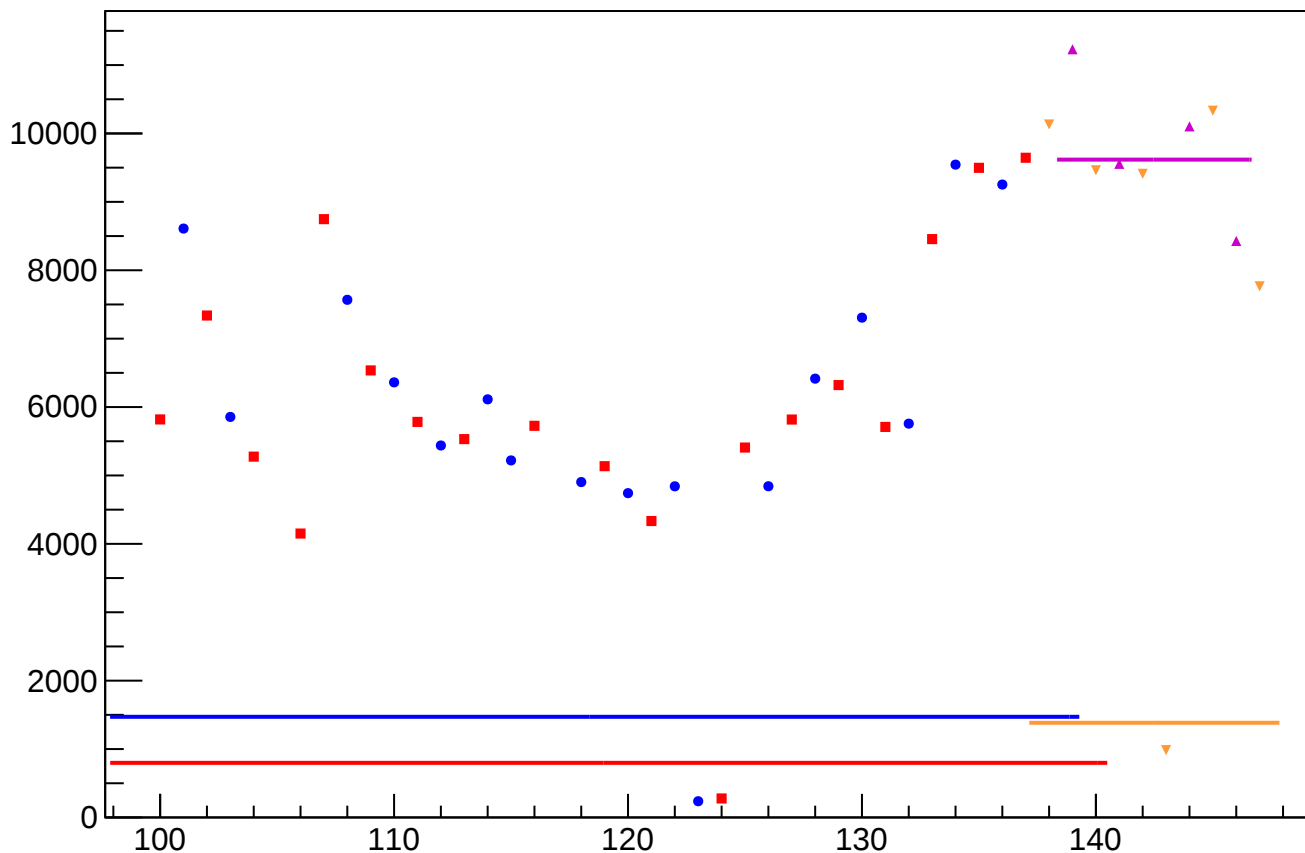
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -133.299+/-1078.000 χ^2/NDF : 18.0/20

Out: -442.399+/-584.080 χ^2/NDF : 30.6/24

All: -372.251+/-513.544 χ^2/NDF : 48.7/45

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 1384.455+/-0.774 χ^2/NDF : 5299393.5/5

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9617.622+/-3.766 χ^2/NDF : 69124.0/3

Left: 1718.011+/-0.758 χ^2/NDF : 9953281.7/9

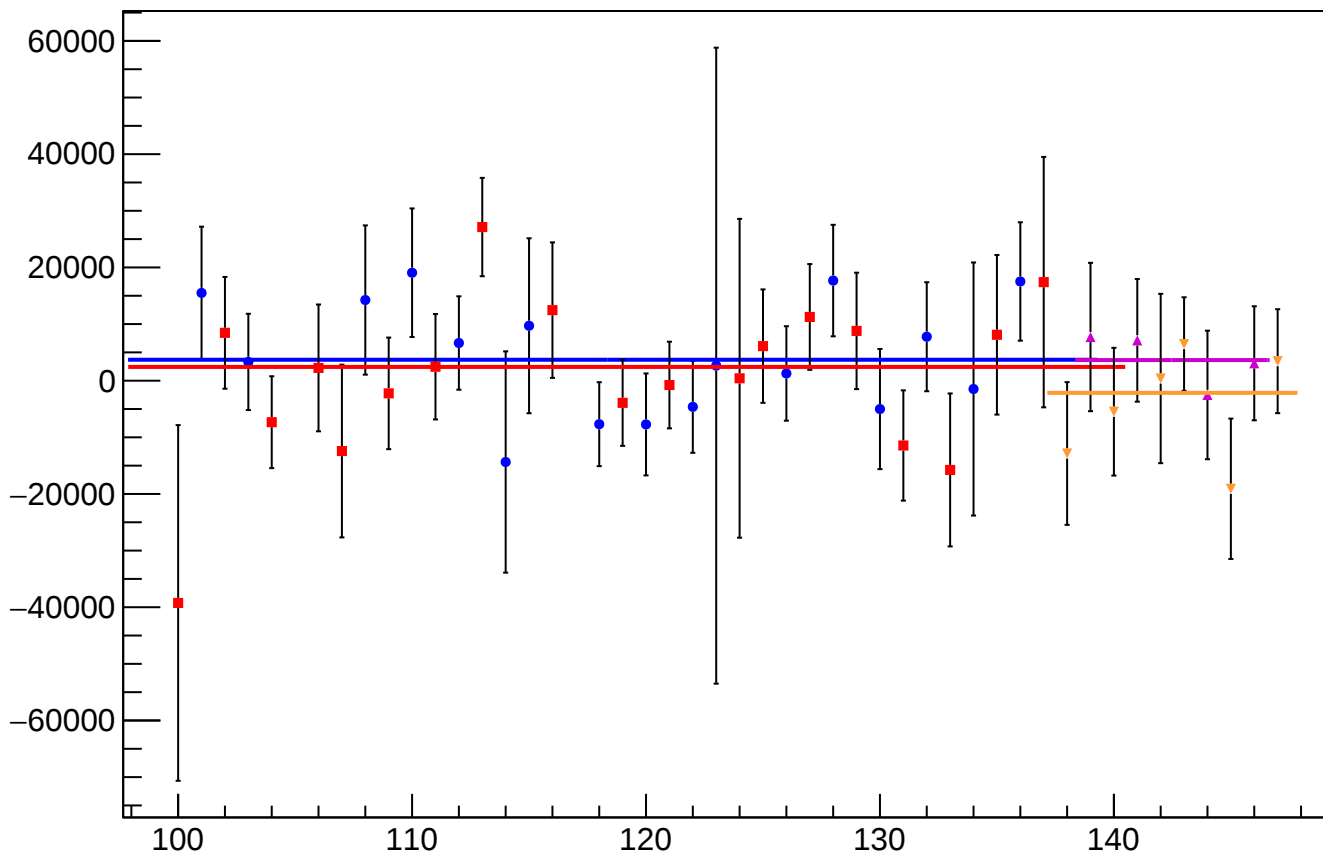
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 1805.263+/-0.762 χ^2/NDF : 14343507.3/20

Out: 965.465+/-0.413 χ^2/NDF : 17236648.7/24

All: 1156.052+/-0.363 χ^2/NDF : 32518482.3/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -2145.317+/-4399.416 χ^2/NDF : 4.2/5

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 3642.005+/-5590.813 χ^2/NDF : 0.5/3

Left: 67.848+/-3457.348 χ^2/NDF : 5.3/9

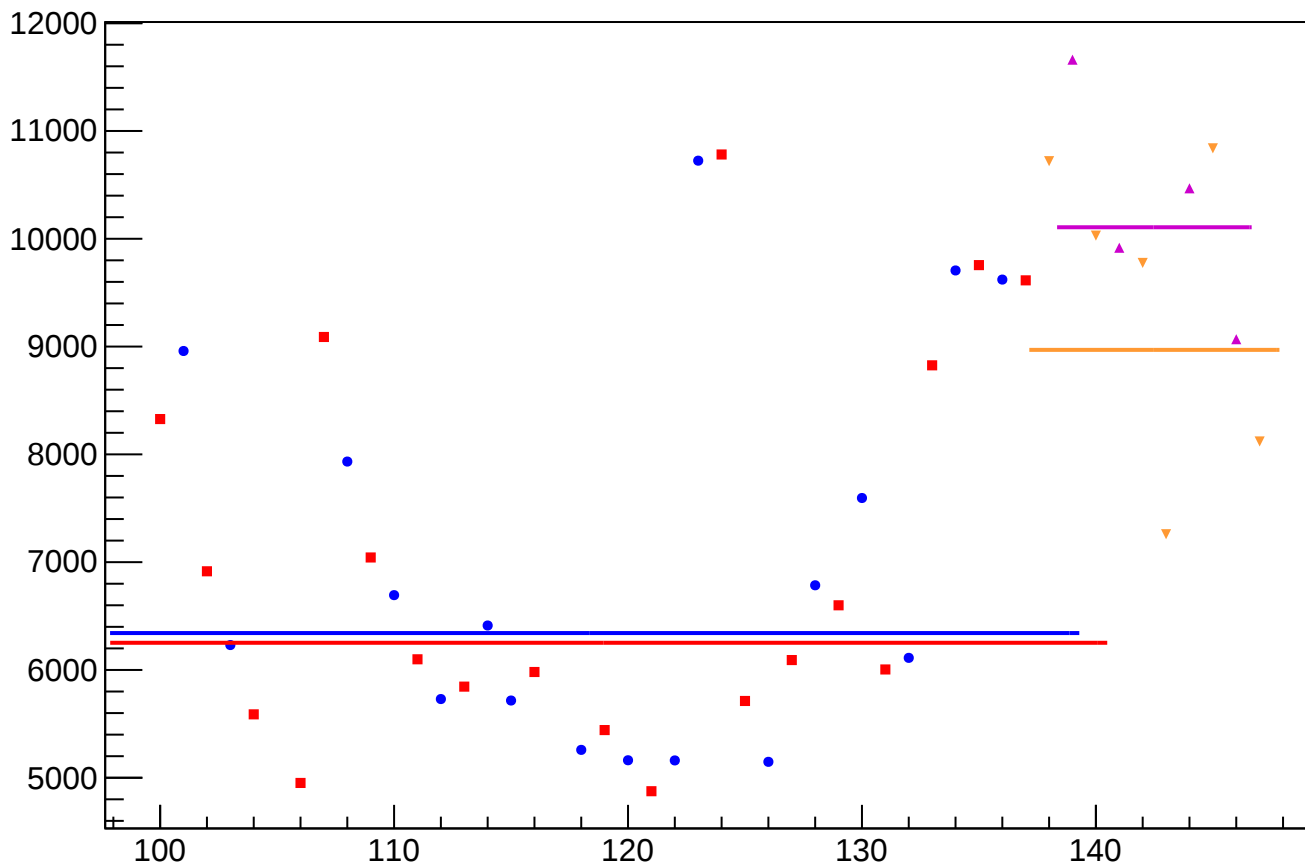
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3688.923+/-2295.852 χ^2/NDF : 14.9/20

Out: 1366.406+/-2121.331 χ^2/NDF : 25.3/24

All: 2436.046+/-1558.056 χ^2/NDF : 40.7/45

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2 /NDF: 593668.9/16

Left Out: 8969.362 $\pm$ 3.111 χ^2 /NDF:210431.0/5

Right Out: 6252.137 $\pm$ 1.712 χ^2 /NDF: 538031.2/18

Left In: 10106.781 $\pm$ 3.953 χ^2 /NDF:52102.7/3

Left: 9404.329 $\pm$ 2.445 χ^2 /NDF: 313656.8/9

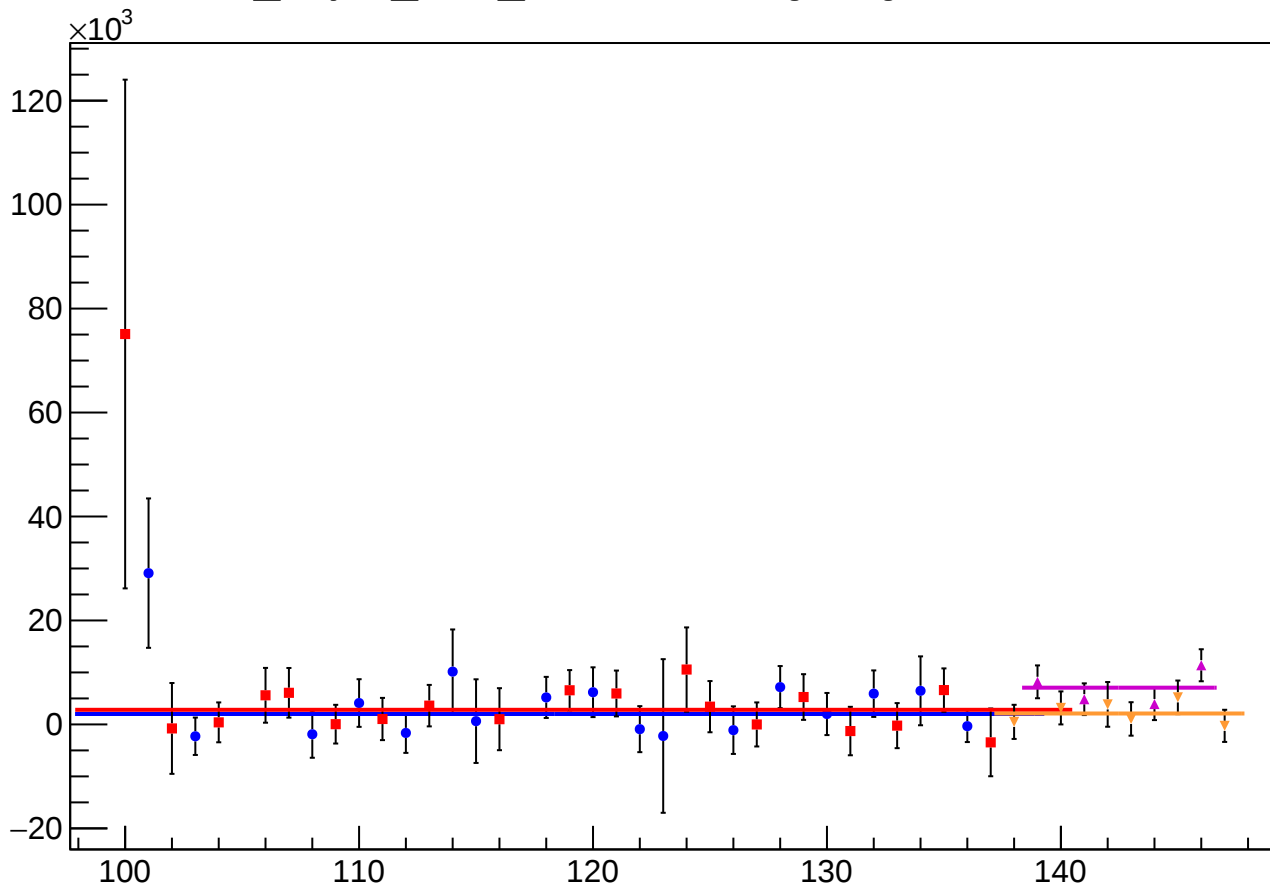
Right: 6295.468 $\pm$ 1.234 χ^2 /NDF: 1133033.3/35

In: 6977.126 $\pm$ 1.623 χ^2 /NDF:1399610.6/20

Out: 6883.853 $\pm$ 1.500 χ^2 /NDF:1334030.6/24

All: 6926.808 $\pm$ 1.102 χ^2 /NDF: 2735422.0/45

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2100.519+/-1357.093 χ^2/NDF : 2.1/5

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 7067.661+/-1547.050 χ^2/NDF : 3.7/3

Left: 4260.579+/-1020.197 χ^2/NDF : 11.6/9

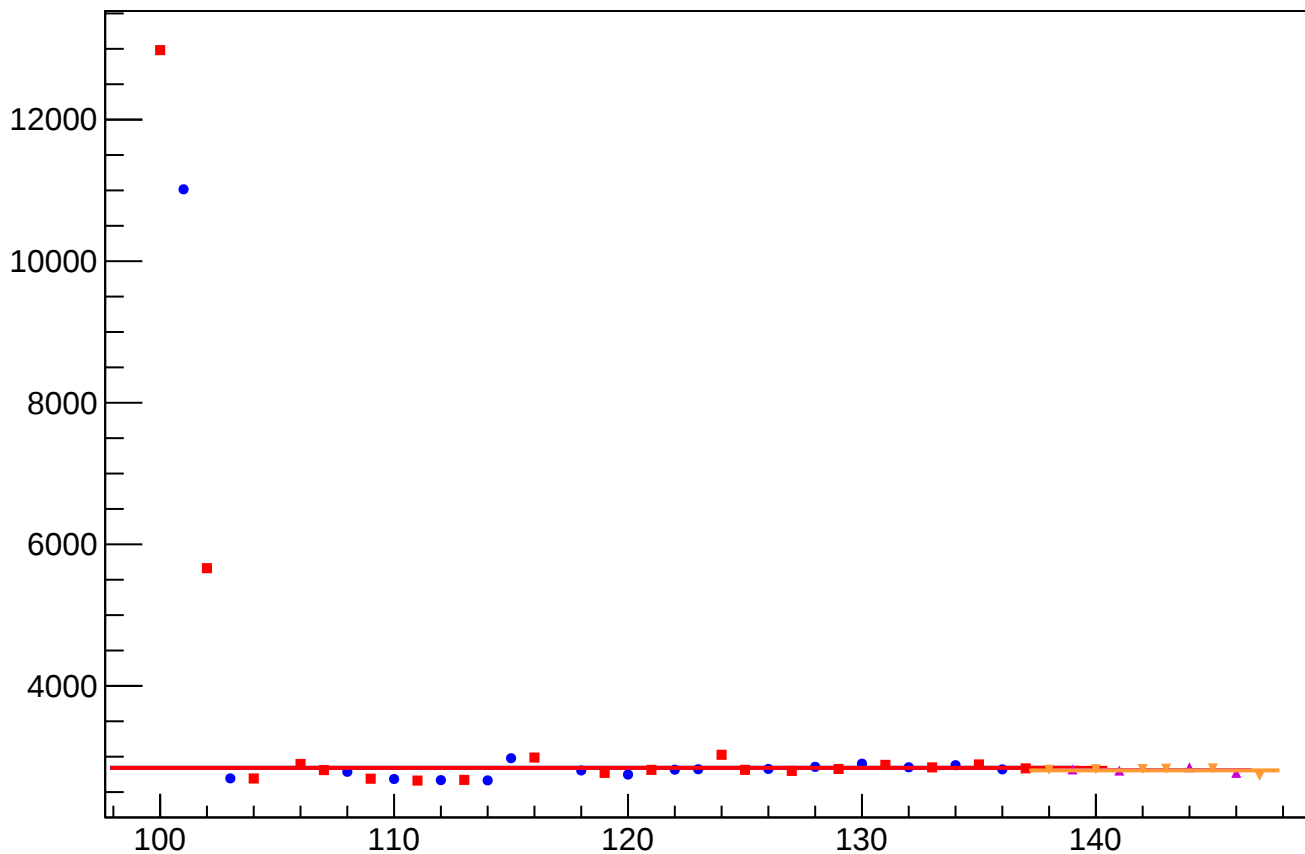
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 3756.759+/-910.092 χ^2/NDF : 24.4/20

Out: 2533.896+/-848.183 χ^2/NDF : 12.8/24

All: 3102.324+/-620.489 χ^2/NDF : 38.1/45

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2806.672+/-0.960 χ^2/NDF :1633.5/5

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2811.827+/-1.094 χ^2/NDF :680.9/3

Left: 2808.914+/-0.721 χ^2/NDF : 2327.0/9

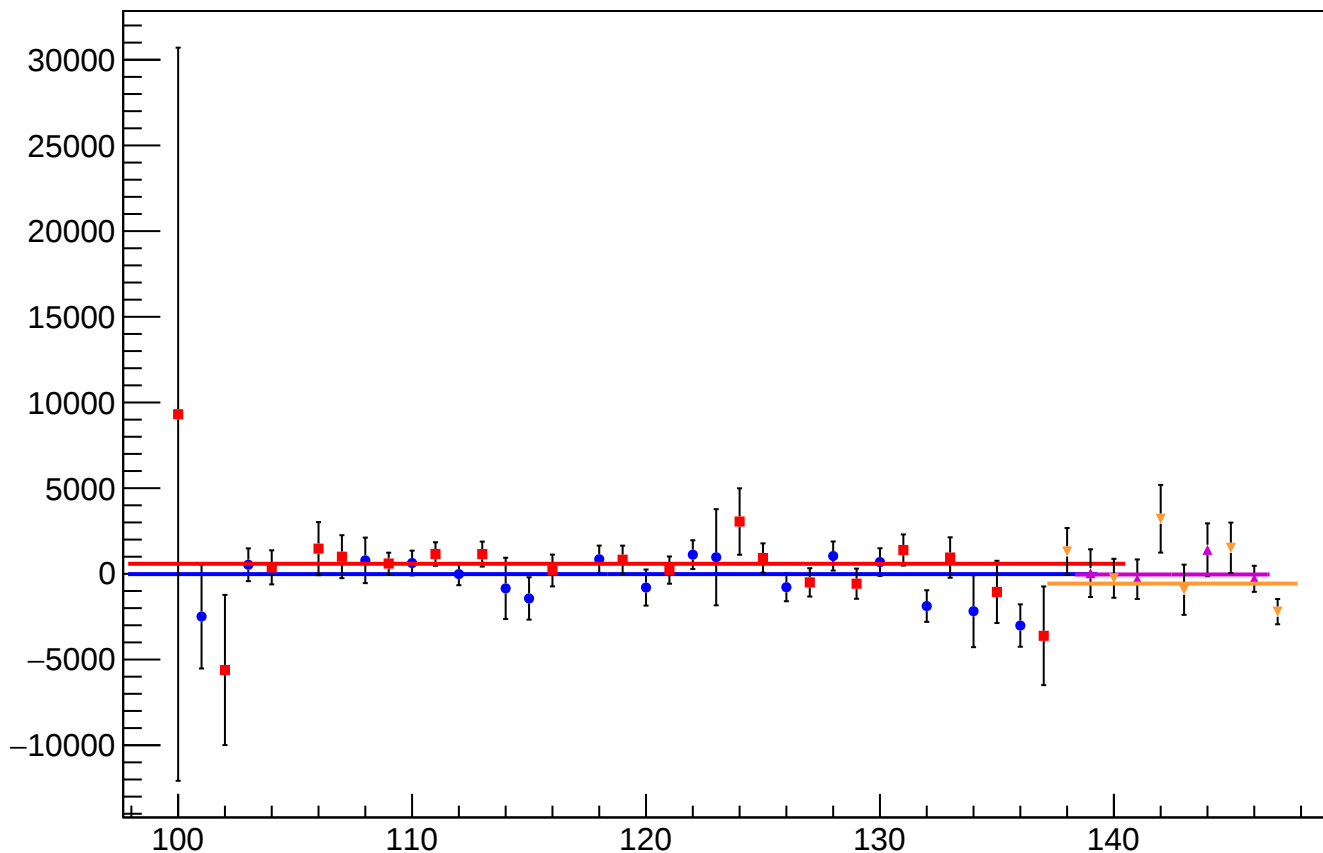
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2831.969+/-0.644 χ^2/NDF :661504.5/20

Out: 2828.469+/-0.600 χ^2/NDF :314815.7/24

All: 2830.096+/-0.439 χ^2/NDF : 976336.0/45

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -568.713 ± 480.702 $\chi^2/\text{NDF}: 12.6/5$

Right Out: 588.581 ± 225.799 $\chi^2/\text{NDF}: 13.5/18$

Left In: -36.905 ± 540.783 $\chi^2/\text{NDF}: 1.0/3$

Left: -333.980 ± 359.279 $\chi^2/\text{NDF}: 14.2/9$

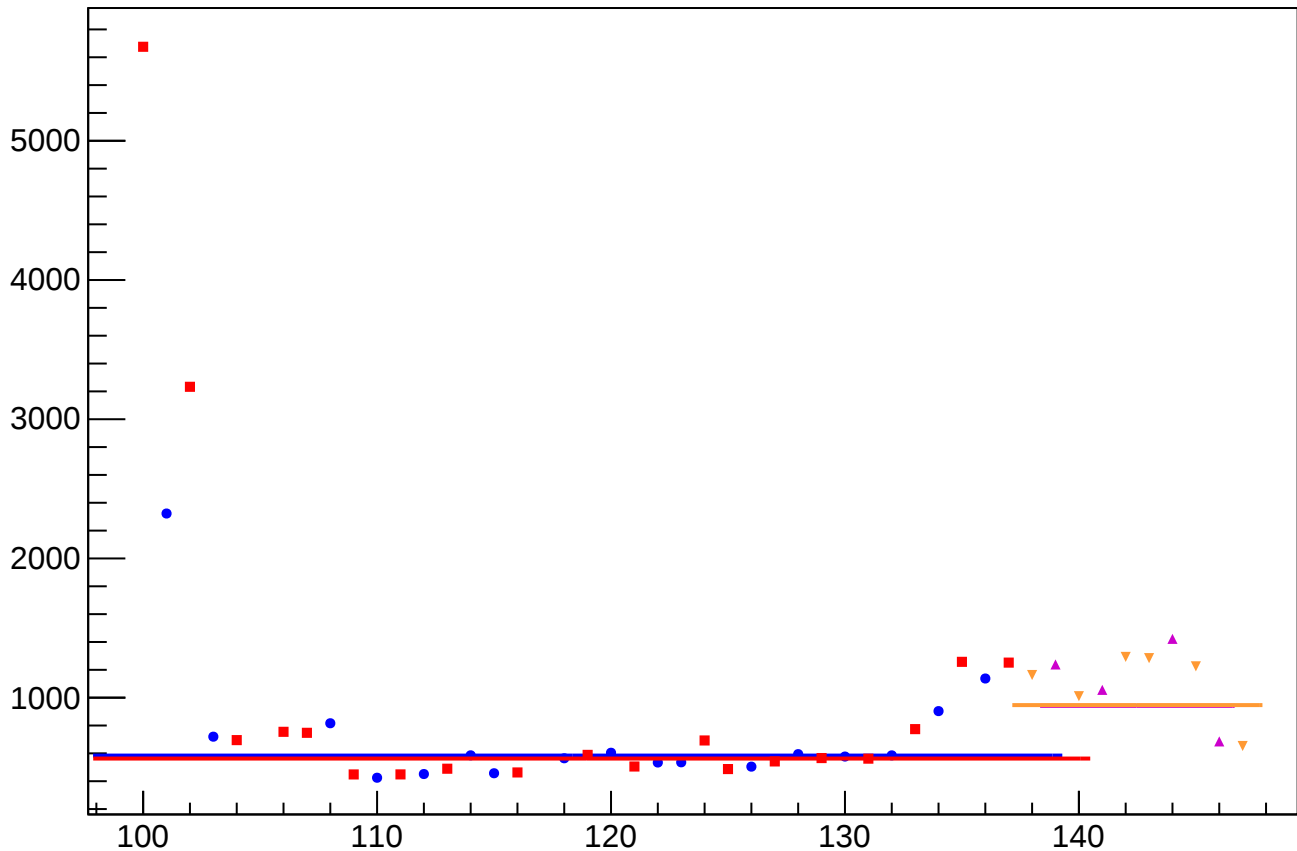
Right: 303.449 ± 164.088 $\chi^2/\text{NDF}: 38.5/35$

In: -19.104 ± 218.497 $\chi^2/\text{NDF}: 22.6/20$

Out: 379.389 ± 204.375 $\chi^2/\text{NDF}: 30.9/24$

All: 193.436 ± 149.258 $\chi^2/\text{NDF}: 55.3/45$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 946.657+/-0.340 χ^2/NDF : 611966.1/5

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 941.114+/-0.382 χ^2/NDF : 531435.2/3

Left: 944.210+/-0.254 χ^2/NDF : 1143518.7/9

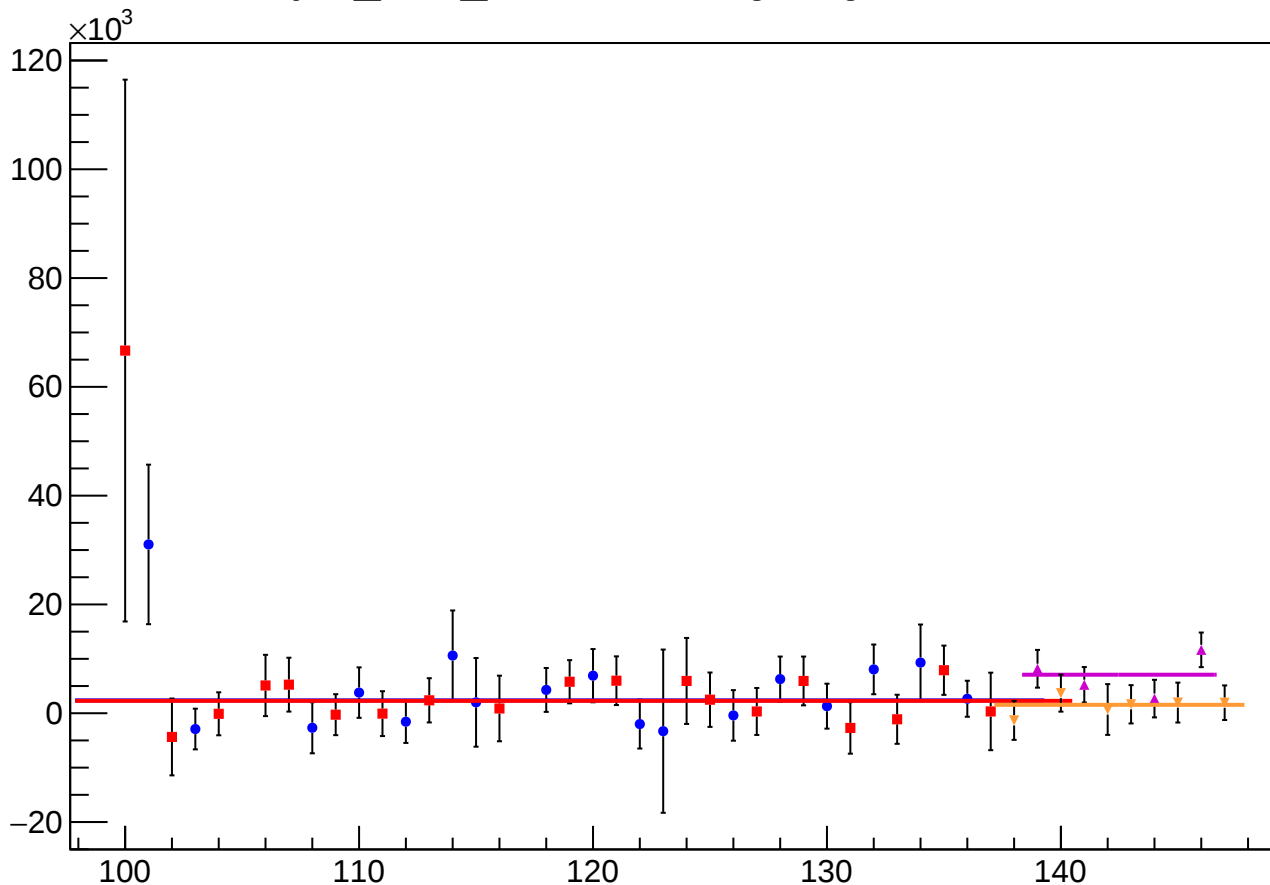
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 642.344+/-0.155 χ^2/NDF : 2697607.7/20

Out: 632.097+/-0.145 χ^2/NDF : 3296907.5/24

All: 636.879+/-0.106 χ^2/NDF : 5996861.3/45

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 1545.056+/-1467.205 χ^2/NDF : 1.1/5

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 7080.042+/-1667.042 χ^2/NDF : 4.1/3

Left: 3961.071+/-1101.383 χ^2/NDF : 11.4/9

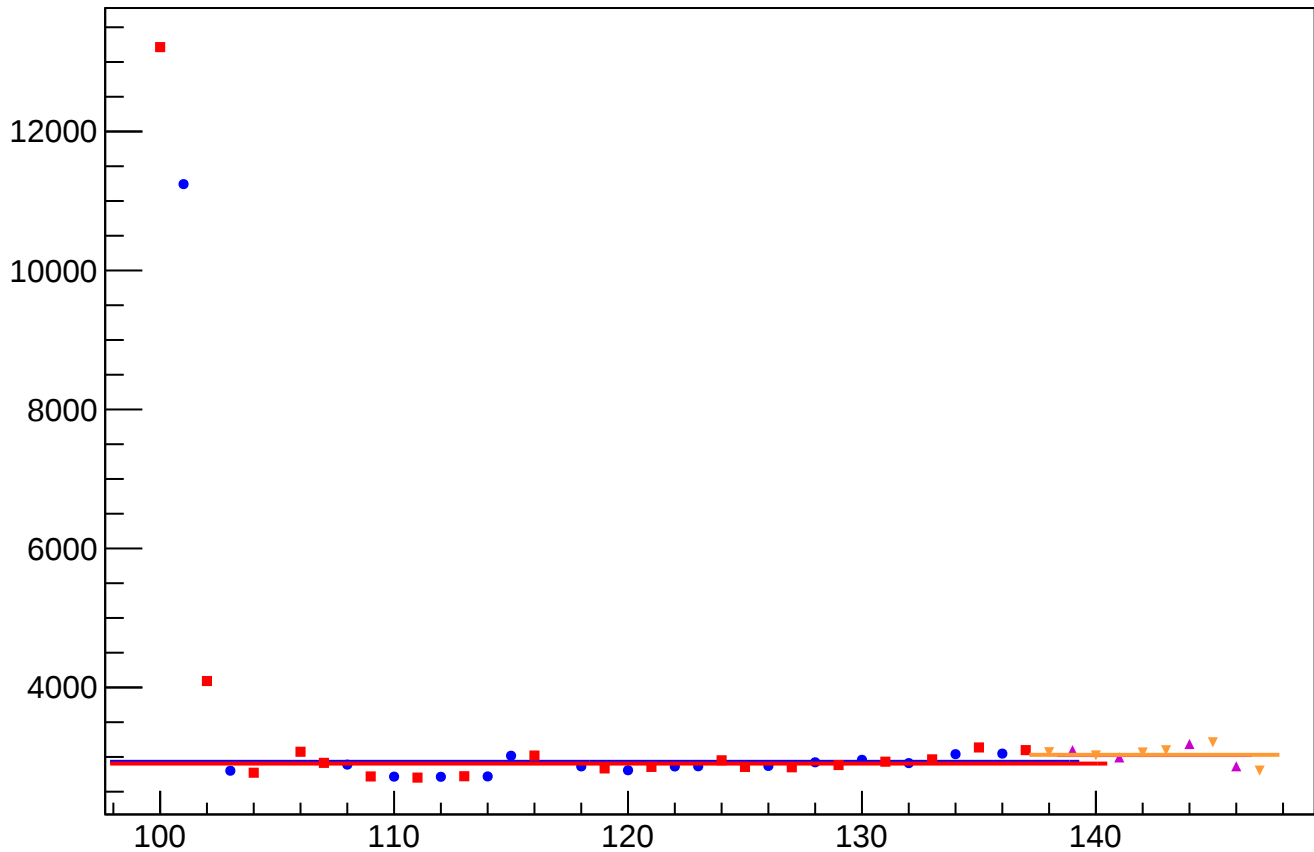
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 3901.628+/-952.133 χ^2/NDF : 24.6/20

Out: 2010.381+/-886.053 χ^2/NDF : 11.5/24

All: 2888.105+/-648.638 χ^2/NDF : 38.2/45

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3030.630+/-1.037 χ^2/NDF : 16069.1/5

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 3027.275+/-1.179 χ^2/NDF : 10441.0/3

Left: 3029.165+/-0.779 χ^2/NDF : 26514.7/9

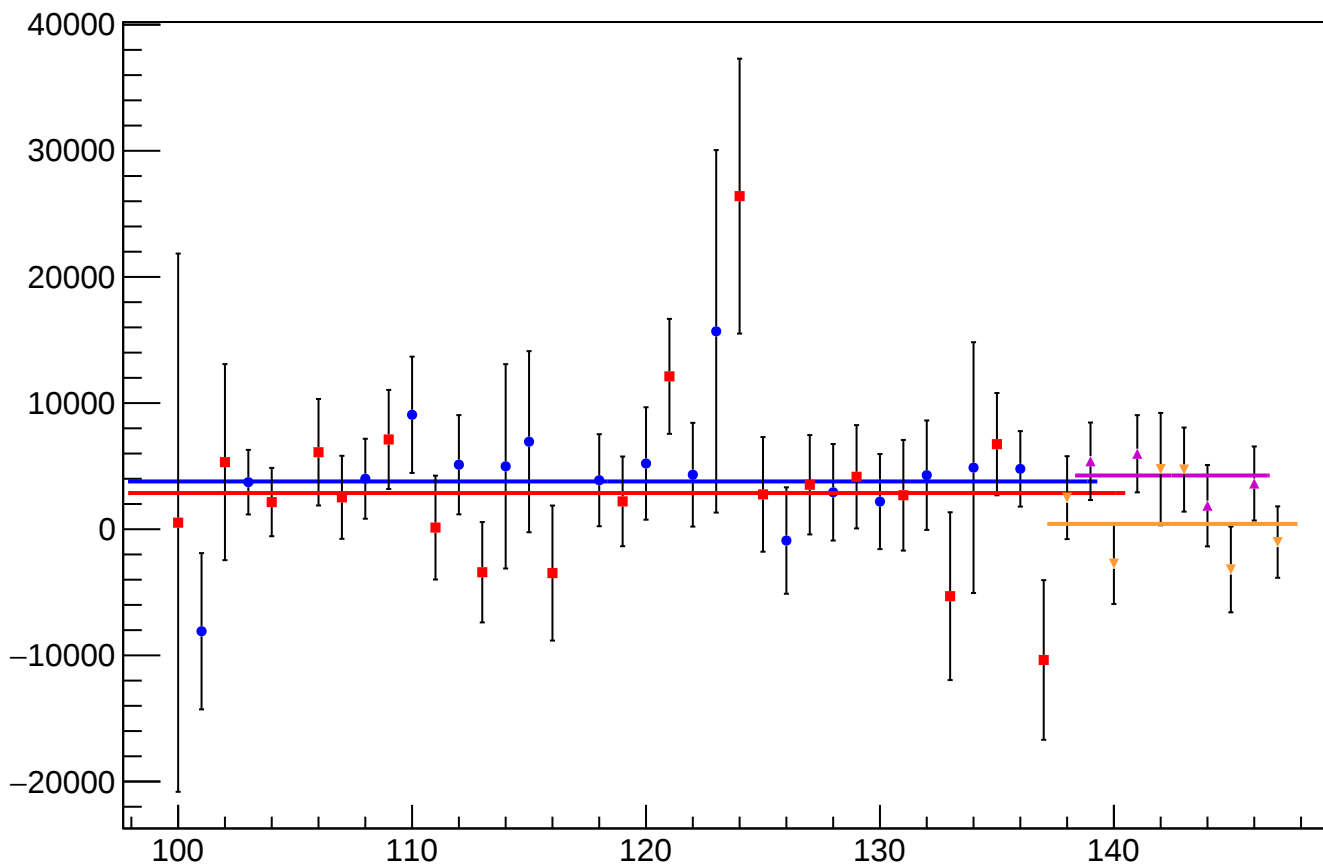
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2961.499+/-0.673 χ^2/NDF : 677691.2/20

Out: 2950.544+/-0.627 χ^2/NDF : 194737.2/24

All: 2955.628+/-0.459 χ^2/NDF : 872570.3/45

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 ± 1008.120 $\chi^2/\text{NDF}: 7.7/16$

Left Out: 422.288 ± 1358.438 $\chi^2/\text{NDF}: 5.4/5$

Right Out: 2869.484 ± 1002.967 $\chi^2/\text{NDF}: 22.0/18$

Left In: 4259.988 ± 1533.918 $\chi^2/\text{NDF}: 1.0/3$

Left: 2109.157 ± 1016.968 $\chi^2/\text{NDF}: 9.9/9$

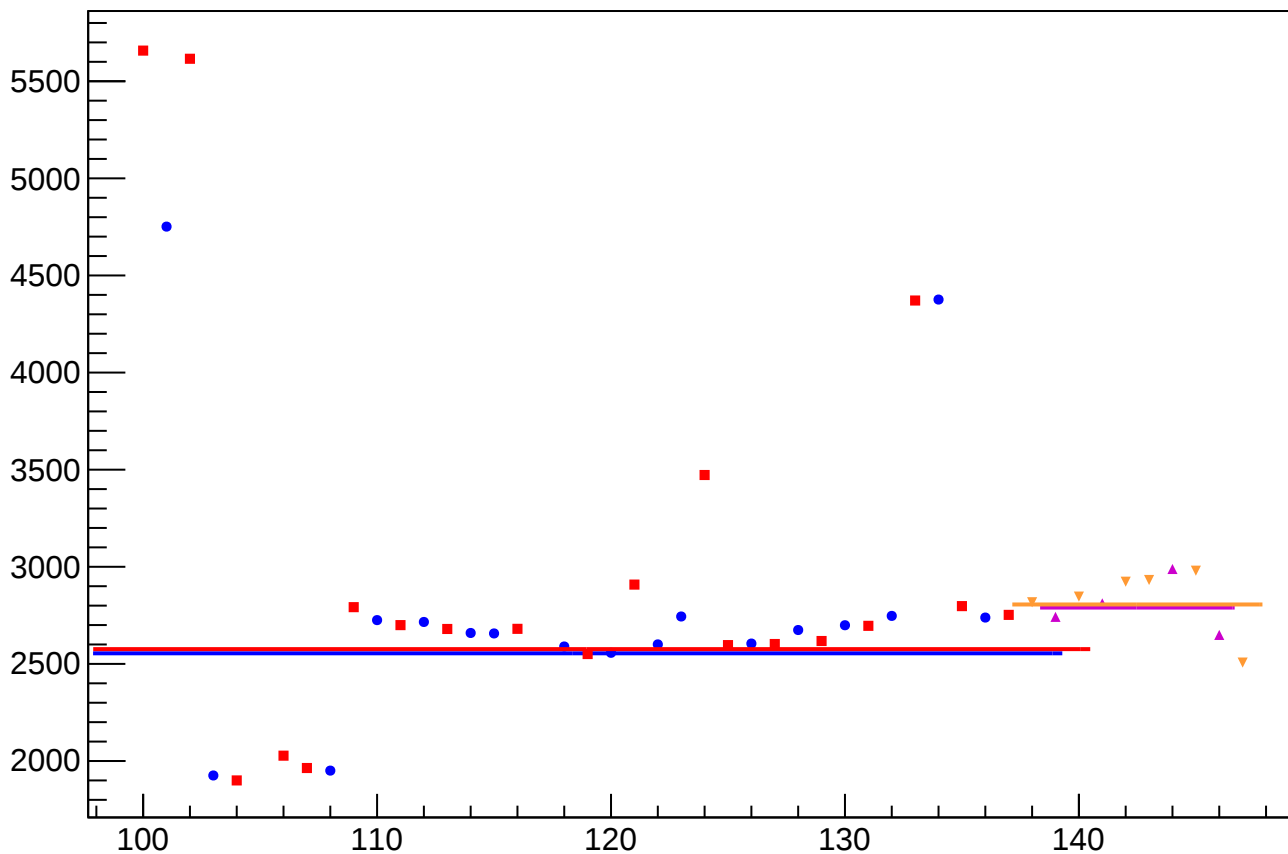
Right: 3326.309 ± 711.019 $\chi^2/\text{NDF}: 30.2/35$

In: 3930.261 ± 842.462 $\chi^2/\text{NDF}: 8.8/20$

Out: 2006.109 ± 806.873 $\chi^2/\text{NDF}: 29.5/24$

All: 2926.686 ± 582.721 $\chi^2/\text{NDF}: 41.1/45$

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537+/-0.713 χ^2/NDF : 536626.0/16

Left Out: 2805.981+/-0.961 χ^2/NDF : 32140.2/5

Right Out: 2576.077+/-0.709 χ^2/NDF : 765156.6/18

Left In: 2790.041+/-1.085 χ^2/NDF : 12774.5/3

Left: 2798.974+/-0.719 χ^2/NDF : 45035.7/9

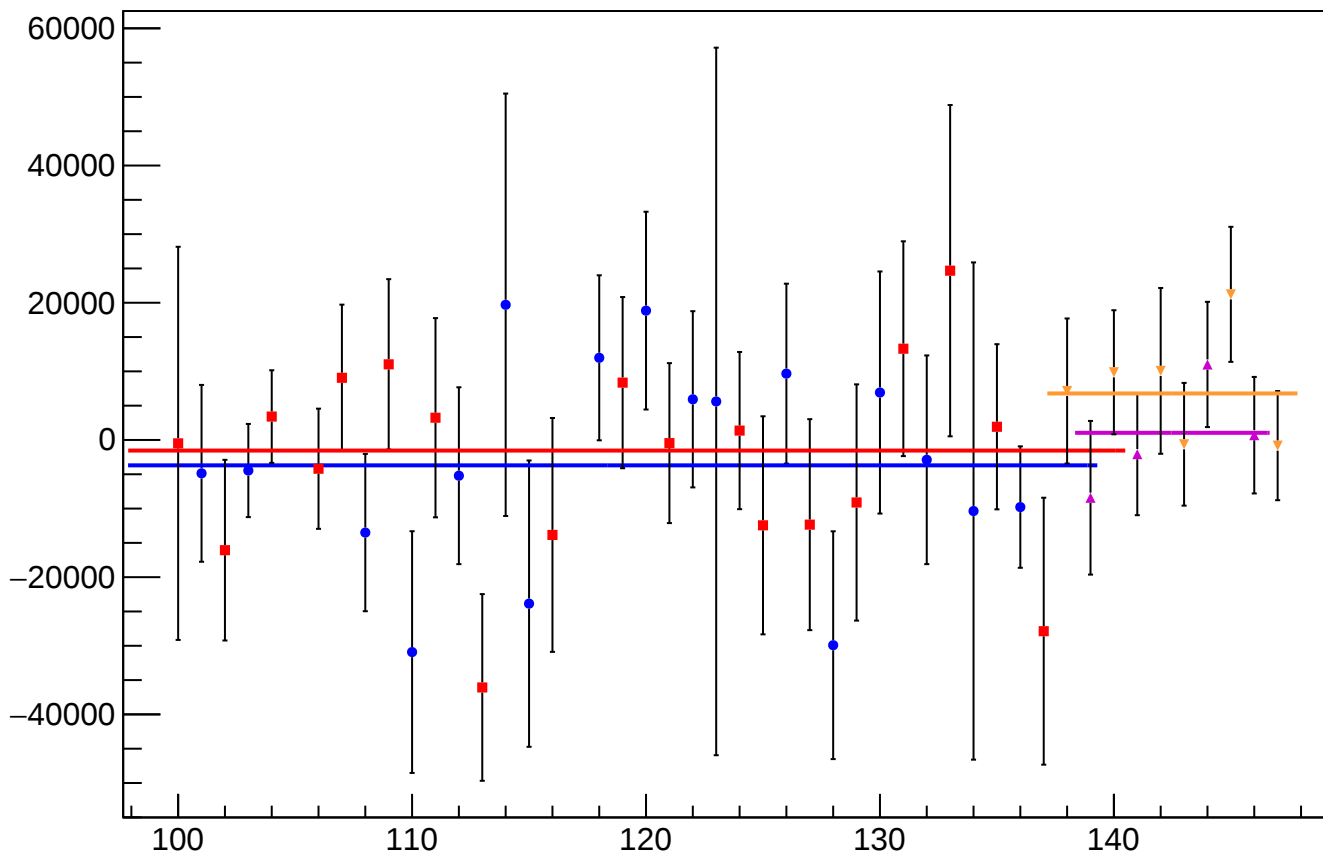
Right: 2565.366+/-0.503 χ^2/NDF : 1302241.7/35

In: 2625.576+/-0.596 χ^2/NDF : 582323.6/20

Out: 2657.145+/-0.570 χ^2/NDF : 834382.3/24

All: 2642.045+/-0.412 χ^2/NDF : 1418171.0/45

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 6779.943+/-3873.658 χ^2/NDF : 3.9/5

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 1041.909+/-4639.122 χ^2/NDF : 2.0/3

Left: 4422.748+/-2973.390 χ^2/NDF : 6.9/9

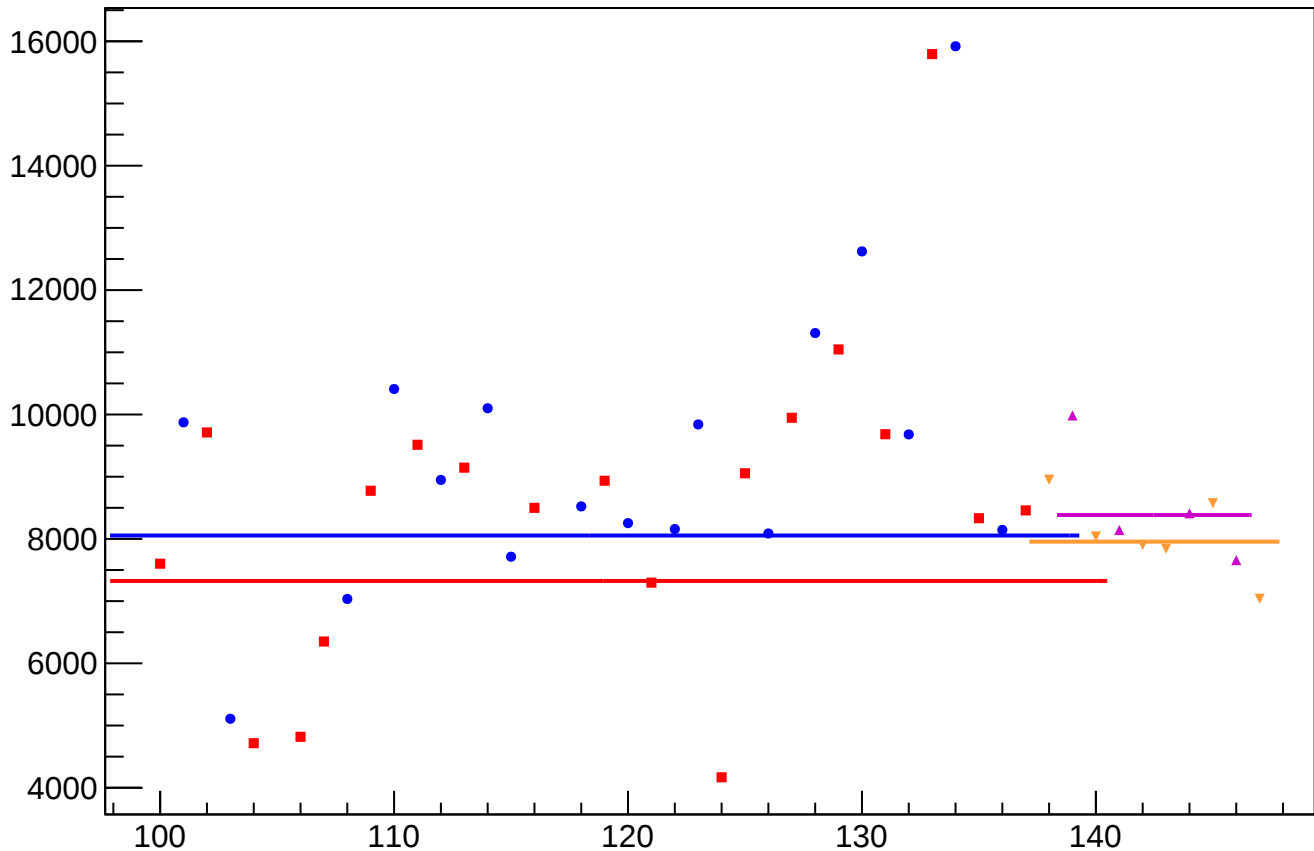
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -2159.326+/-2644.046 χ^2/NDF : 16.5/20

Out: 1440.978+/-2319.889 χ^2/NDF : 23.7/24

All: -125.064+/-1743.818 χ^2/NDF : 41.3/45

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 7956.380 $\pm$ 2.739 χ^2 /NDF: 52768.2/5

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8384.131 $\pm$ 3.280 χ^2 /NDF: 56960.1/3

Left: 8132.101 $\pm$ 2.103 χ^2 /NDF: 119746.8/9

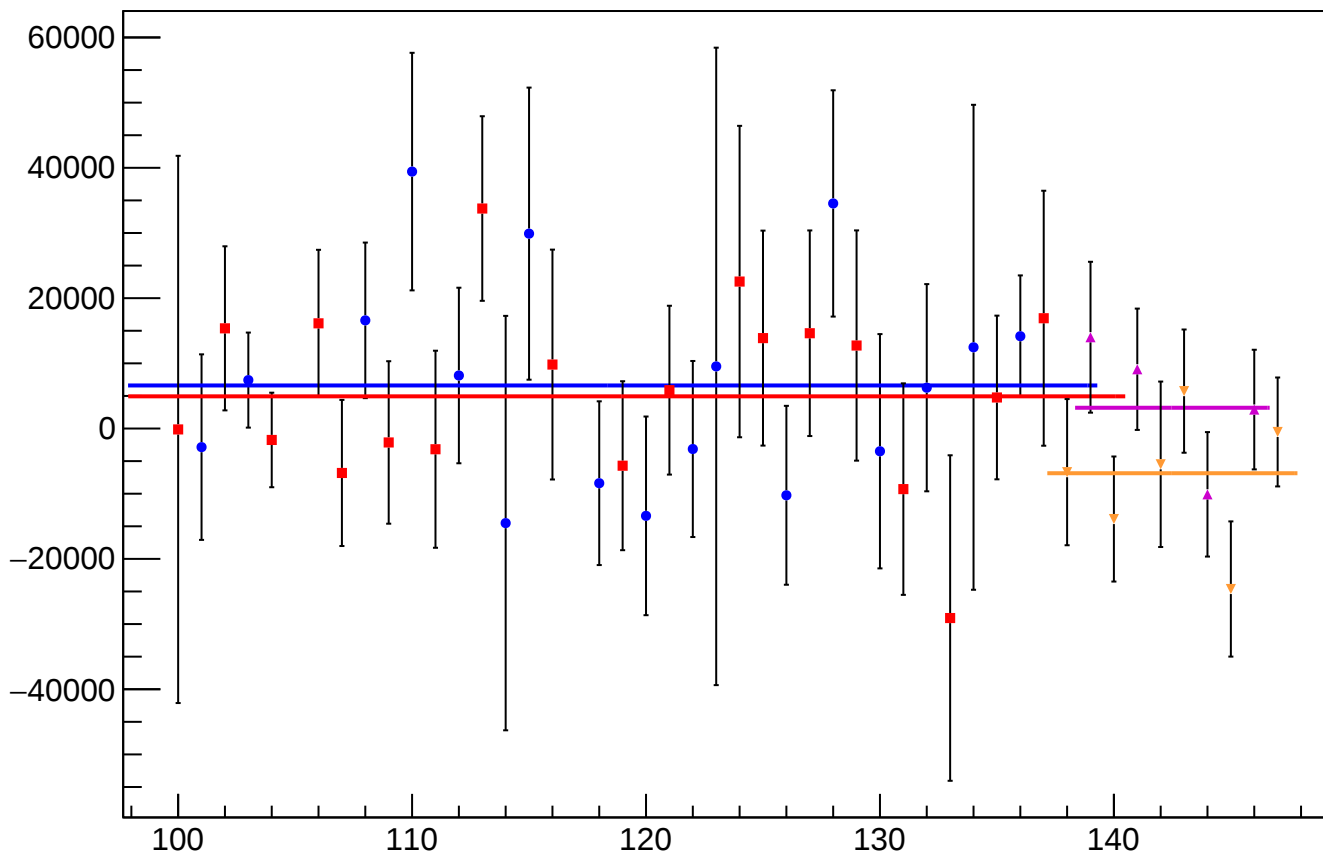
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8161.760 $\pm$ 1.870 χ^2 /NDF: 884529.7/20

Out: 7551.001 $\pm$ 1.640 χ^2 /NDF: 1423066.7/24

All: 7816.666 $\pm$ 1.233 χ^2 /NDF: 2367893.9/45

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -6857.823+/-4088.382 χ^2/NDF : 5.8/5

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 3186.237+/-4888.364 χ^2/NDF : 3.2/3

Left: -2723.838+/-3136.125 χ^2/NDF : 11.5/9

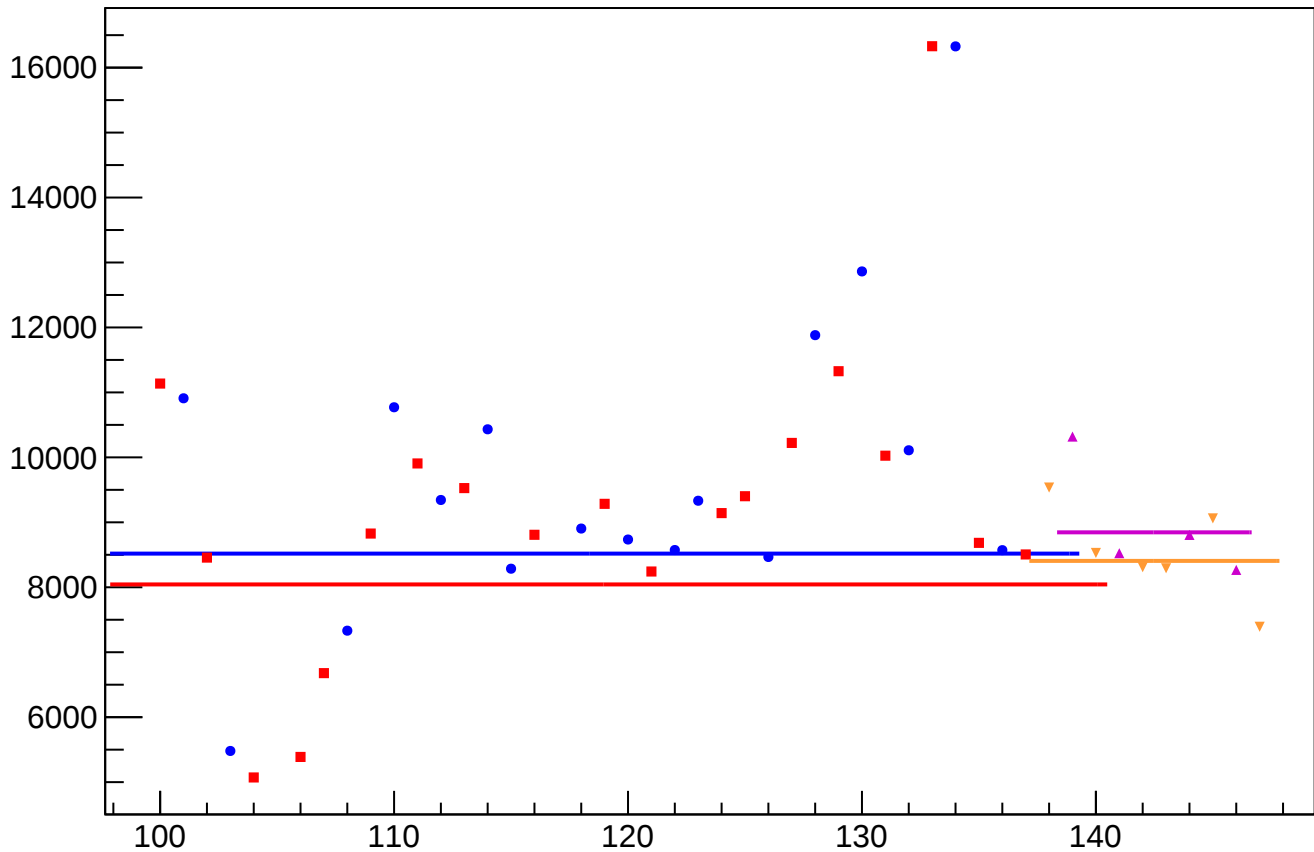
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 5493.757+/-2788.950 χ^2/NDF : 18.2/20

Out: 513.344+/-2504.087 χ^2/NDF : 24.6/24

All: 2736.286+/-1863.255 χ^2/NDF : 44.6/45

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8406.099+/-2.891 χ^2/NDF : 58421.5/5

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8845.704+/-3.457 χ^2/NDF : 42807.8/3

Left: 8587.034+/-2.218 χ^2/NDF : 110746.5/9

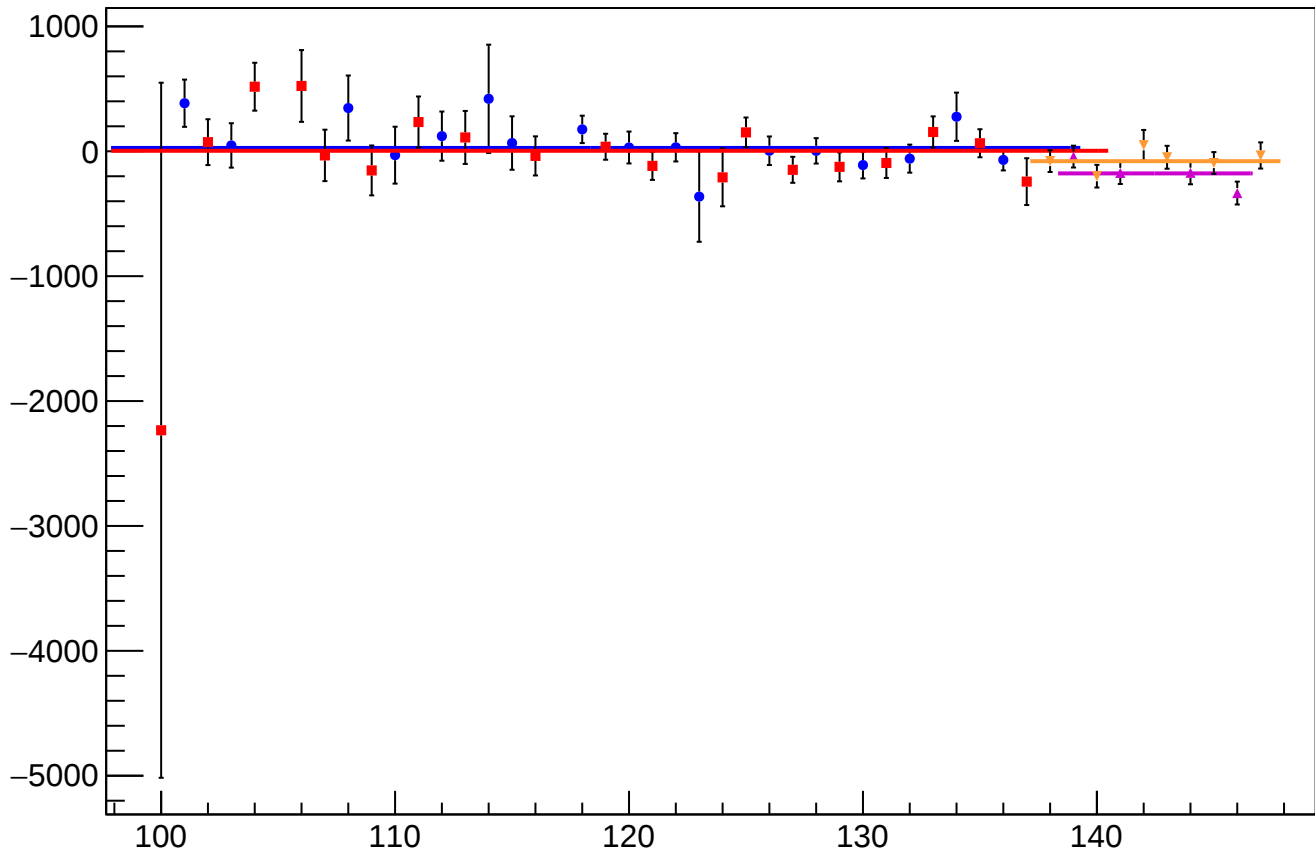
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8624.852+/-1.972 χ^2/NDF : 820855.1/20

Out: 8179.678+/-1.771 χ^2/NDF : 1021811.1/24

All: 8378.371+/-1.318 χ^2/NDF : 1870880.1/45

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -79.251 ± 38.919 $\chi^2/\text{NDF}: 3.2/5$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -177.144 ± 45.019 $\chi^2/\text{NDF}: 5.3/3$

Left: -121.120 ± 29.442 $\chi^2/\text{NDF}: 11.2/9$

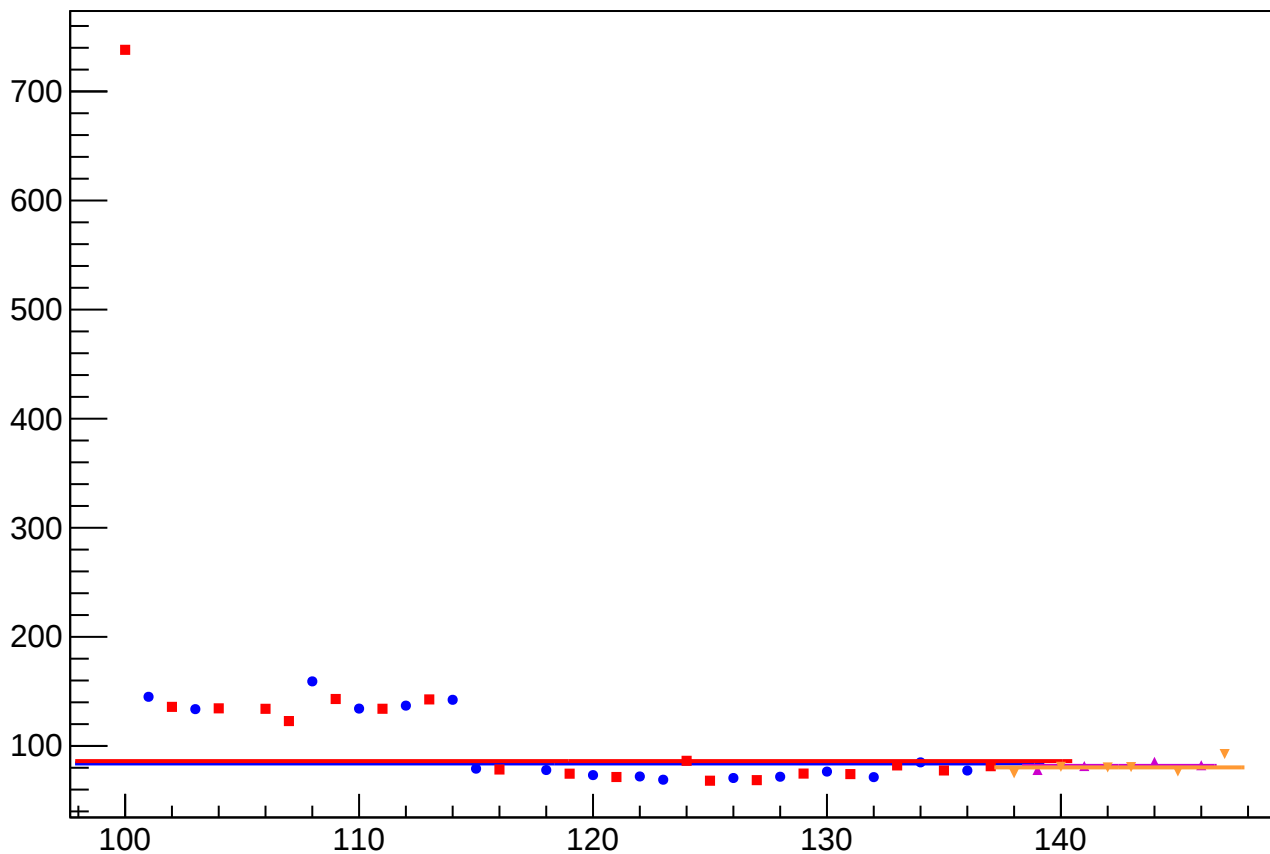
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -46.290 ± 26.941 $\chi^2/\text{NDF}: 33.0/20$

Out: -31.838 ± 25.536 $\chi^2/\text{NDF}: 30.4/24$

All: -38.678 ± 18.533 $\chi^2/\text{NDF}: 63.5/45$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.342 $\pm$ 0.028 χ^2 /NDF: 38808.3/5

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 81.728 $\pm$ 0.032 χ^2 /NDF: 6990.2/3

Left: 80.935 $\pm$ 0.021 χ^2 /NDF: 46883.3/9

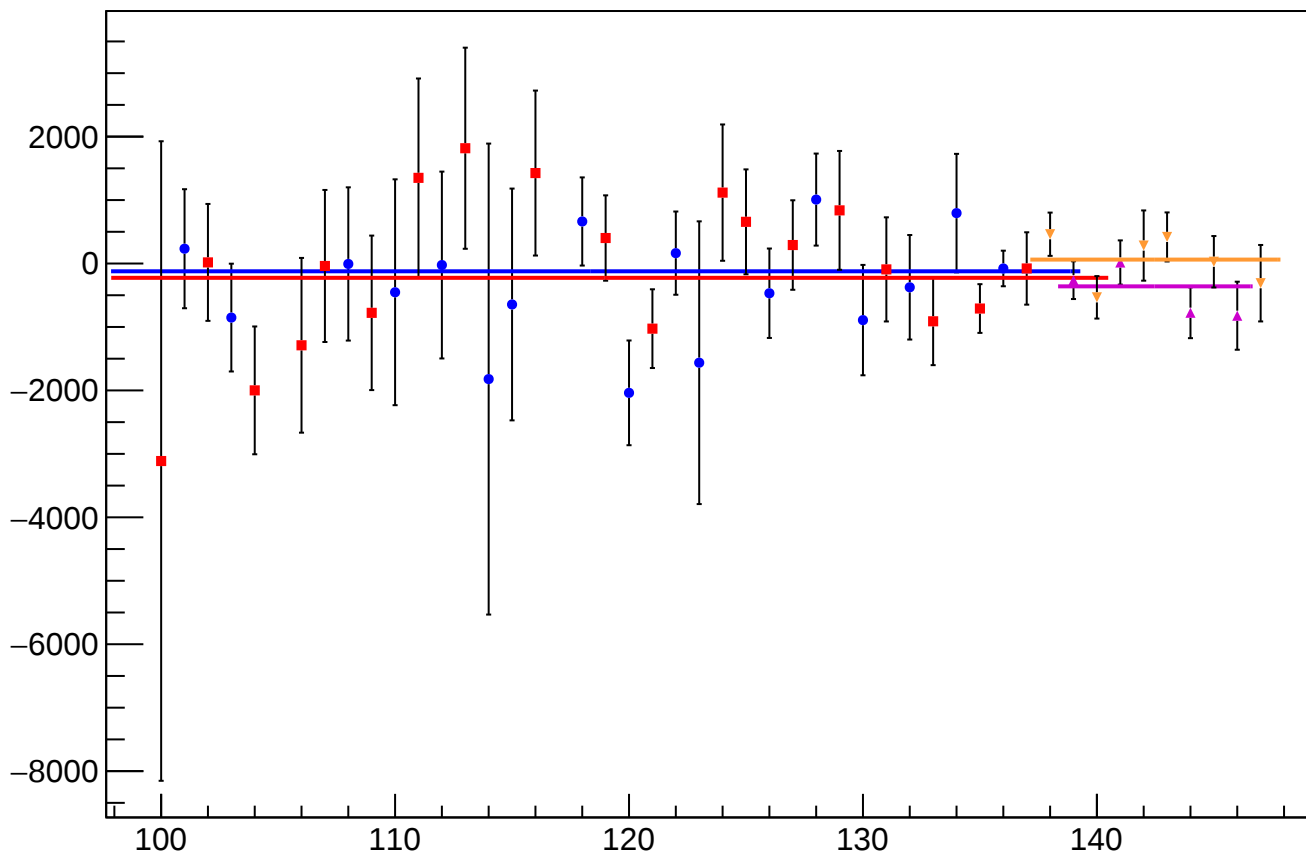
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.161 $\pm$ 0.019 χ^2 /NDF: 970400.8/20

Out: 83.626 $\pm$ 0.018 χ^2 /NDF: 1200038.6/24

All: 83.406 $\pm$ 0.013 χ^2 /NDF: 2170752.9/45

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2 /NDF: 13.0/16

Left Out: 61.939+/-165.898 χ^2 /NDF:5.9/5

Right Out: -225.420+/-184.973 χ^2 /NDF: 18.3/18

Left In: -359.899+/-184.925 χ^2 /NDF:3.1/3

Left: -126.168+/-123.488 χ^2 /NDF: 11.9/9

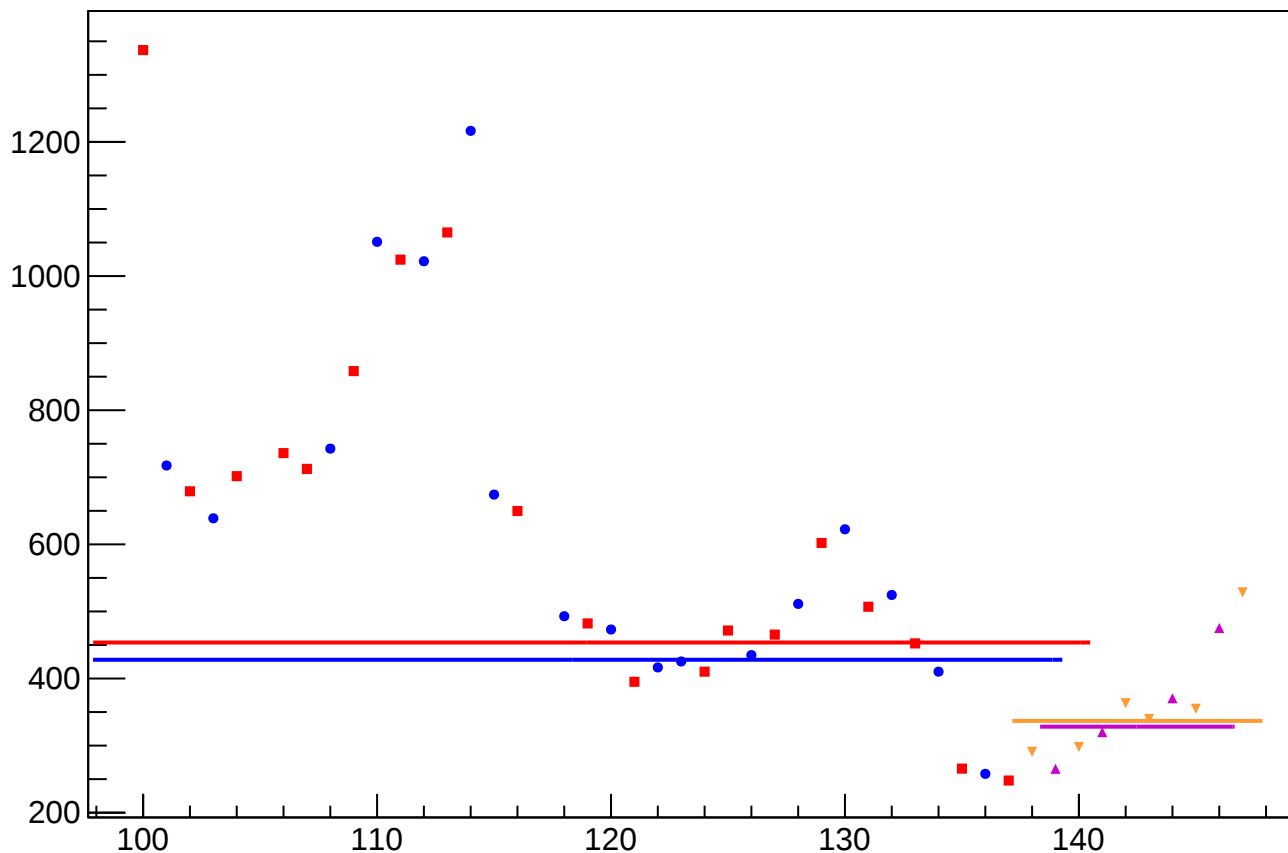
Right: -172.394+/-128.849 χ^2 /NDF: 31.5/35

In: -237.678+/-128.833 χ^2 /NDF:17.0/20

Out: -66.164+/-123.503 χ^2 /NDF:25.6/24

All: -148.299+/-89.154 χ^2 /NDF: 43.5/45

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 336.829 $\pm$ 0.117 χ^2 /NDF:274338.6/5

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 328.206 $\pm$ 0.131 χ^2 /NDF:263120.2/3

Left: 332.984 $\pm$ 0.087 χ^2 /NDF: 539868.5/9

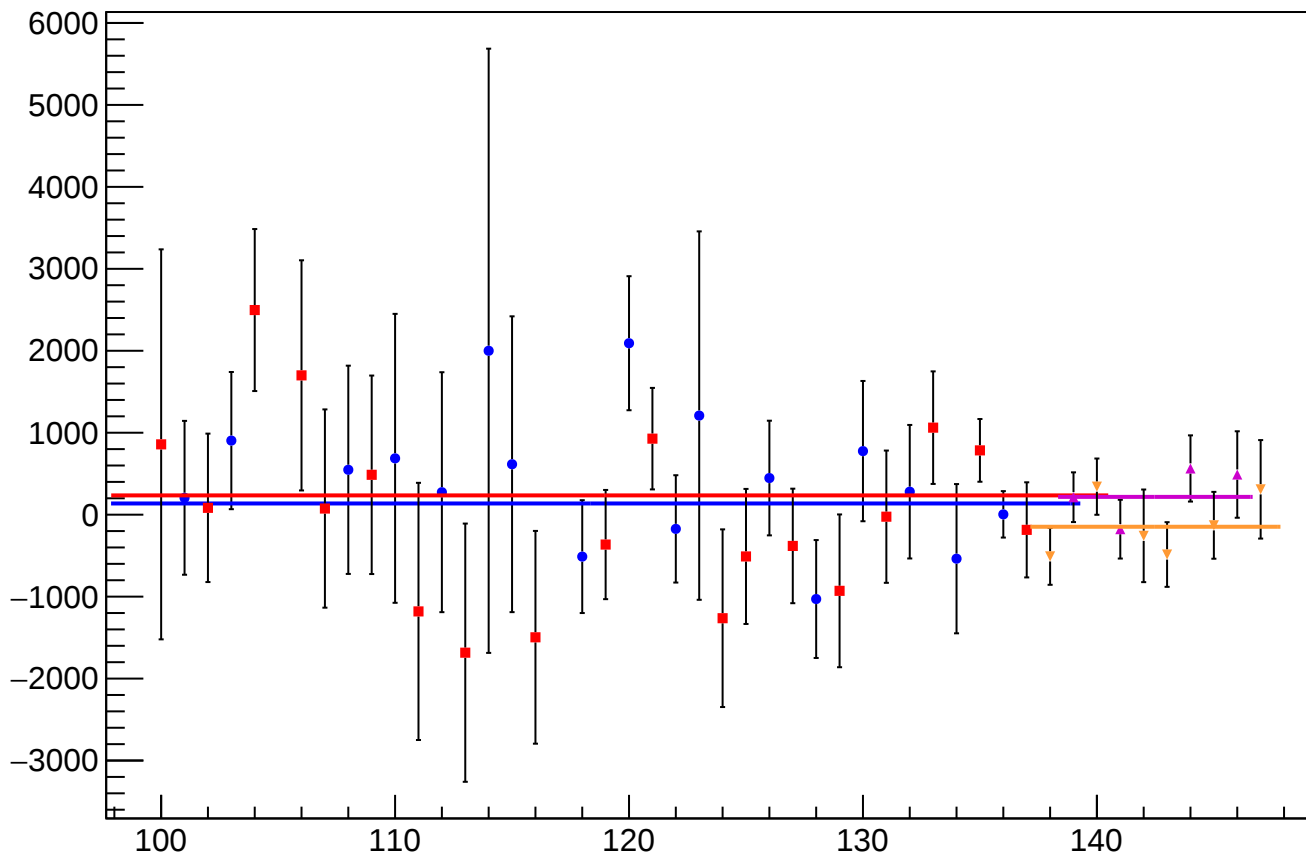
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 379.556 $\pm$ 0.091 χ^2 /NDF:2625026.2/20

Out: 388.929 $\pm$ 0.087 χ^2 /NDF:2851360.6/24

All: 384.441 $\pm$ 0.063 χ^2 /NDF: 5481902.5/45

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -147.359 $\pm$ 168.717 χ^2 /NDF: 4.5/5

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: 217.188 $\pm$ 187.795 χ^2 /NDF: 2.2/3

Left: 15.463 $\pm$ 125.506 χ^2 /NDF: 8.8/9

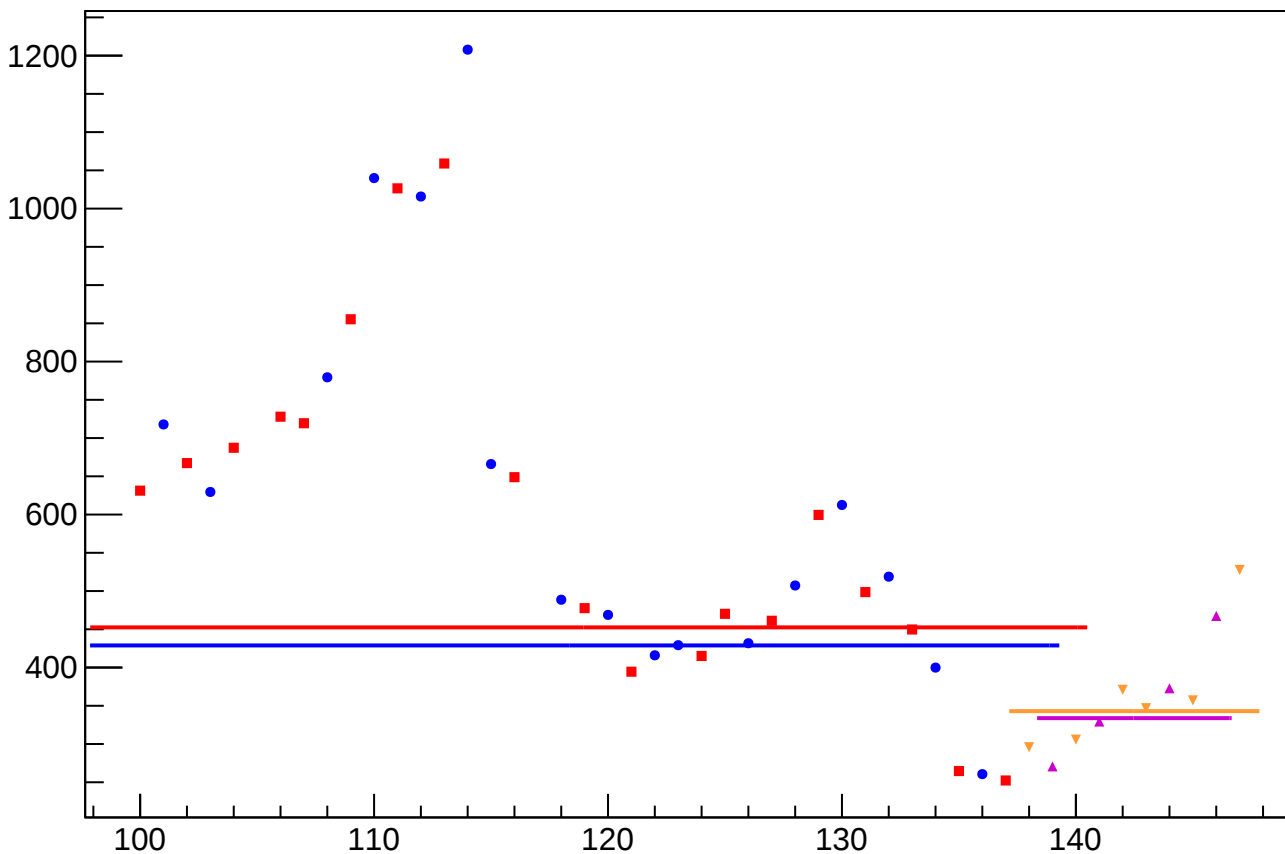
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 175.209 $\pm$ 129.800 χ^2 /NDF: 14.9/20

Out: 27.411 $\pm$ 124.362 χ^2 /NDF: 28.6/24

All: 98.149 $\pm$ 89.798 χ^2 /NDF: 44.2/45

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 342.966 $\pm$ 0.119 χ^2 /NDF: 256753.3/5

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 333.843 $\pm$ 0.133 χ^2 /NDF: 233673.1/3

Left: 338.891 $\pm$ 0.089 χ^2 /NDF: 493038.2/9

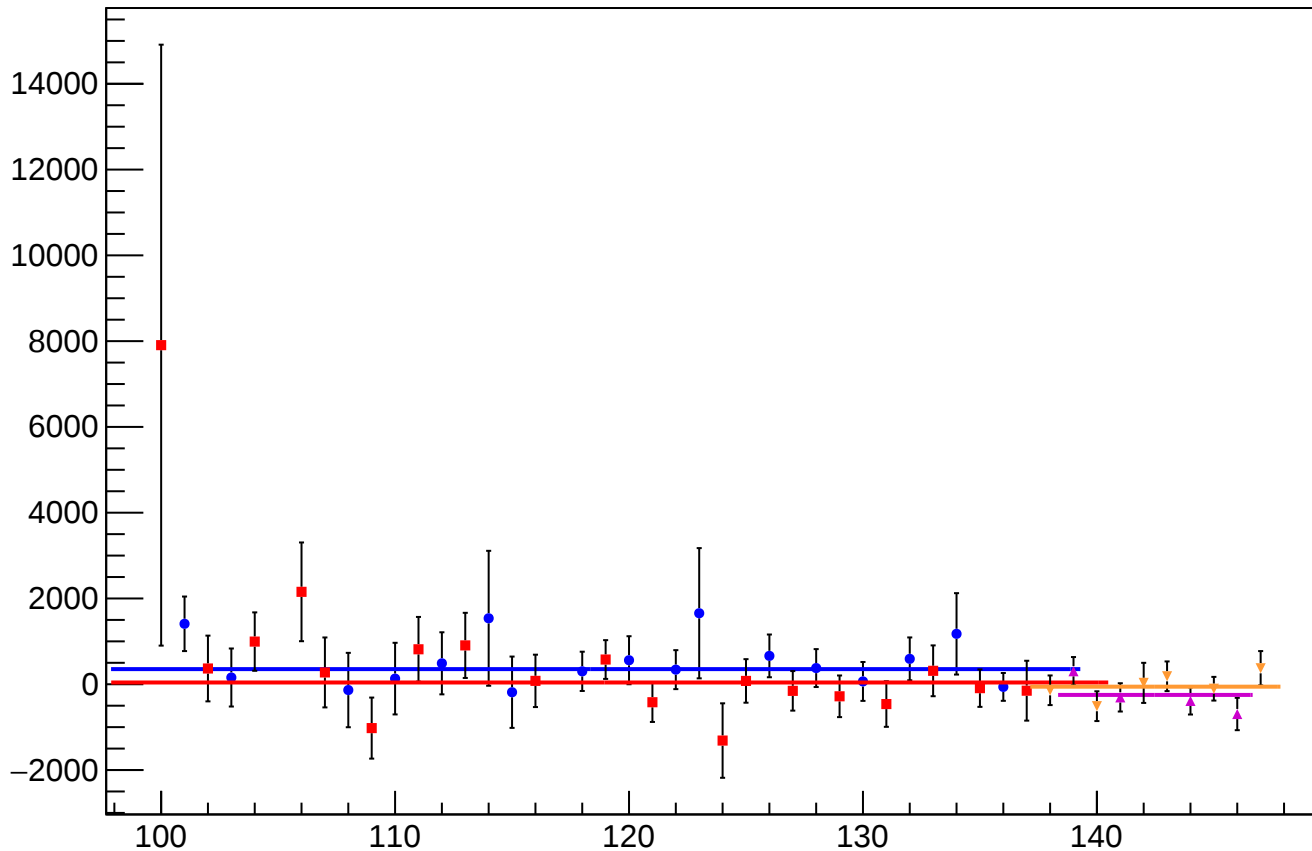
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 383.483 $\pm$ 0.092 χ^2 /NDF: 2511828.5/20

Out: 392.982 $\pm$ 0.088 χ^2 /NDF: 2683725.4/24

All: 388.436 $\pm$ 0.063 χ^2 /NDF: 5201139.0/45

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -56.488 ± 142.943 χ^2/NDF : 3.5/5

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -248.837 ± 168.279 χ^2/NDF : 4.4/3

Left: -137.107 ± 108.944 χ^2/NDF : 8.6/9

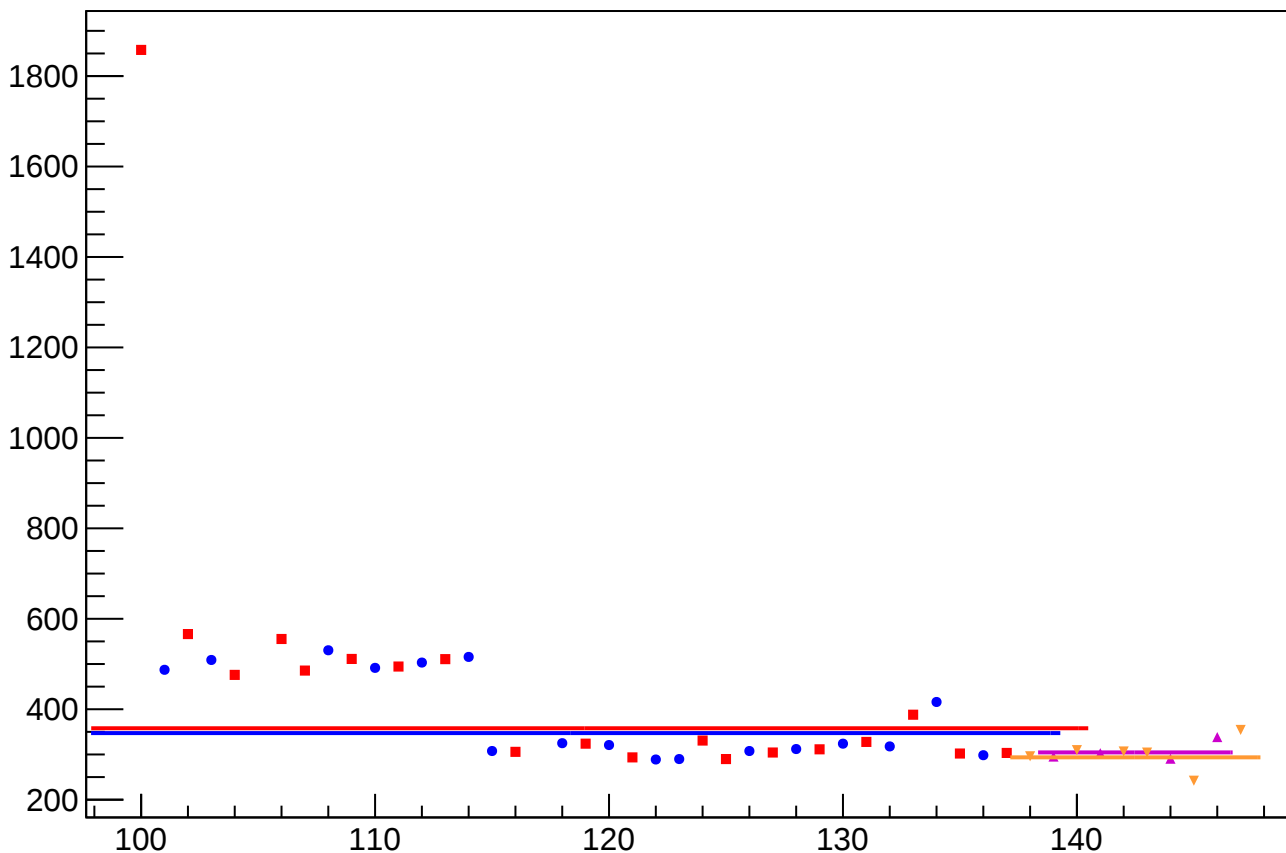
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 112.434 ± 106.382 χ^2/NDF : 20.6/20

Out: -6.339 ± 99.651 χ^2/NDF : 21.9/24

All: 49.172 ± 72.727 χ^2/NDF : 43.2/45

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 293.639 $\pm$ 0.101 χ^2 /NDF:123406.1/5

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 304.562 $\pm$ 0.119 χ^2 /NDF:21605.0/3

Left: 298.217 $\pm$ 0.077 χ^2 /NDF: 149906.1/9

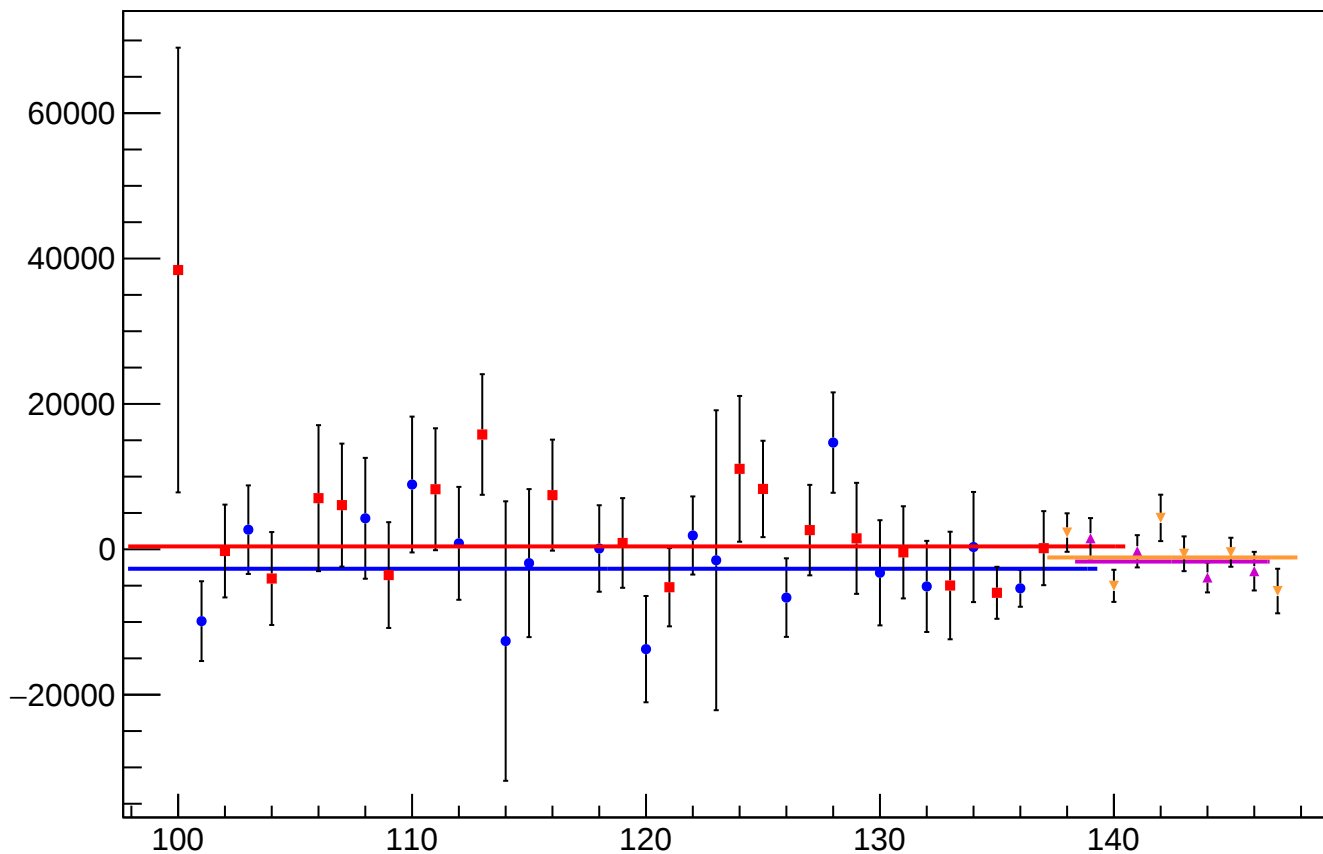
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 330.208 $\pm$ 0.075 χ^2 /NDF:717884.4/20

Out: 326.697 $\pm$ 0.070 χ^2 /NDF:1183168.8/24

All: 328.338 $\pm$ 0.051 χ^2 /NDF: 1902213.1/45

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1119.804+/-1011.122 χ^2/NDF : 10.1/5

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -1685.381+/-1185.081 χ^2/NDF : 3.1/3

Left: -1358.073+/-769.194 χ^2/NDF : 13.4/9

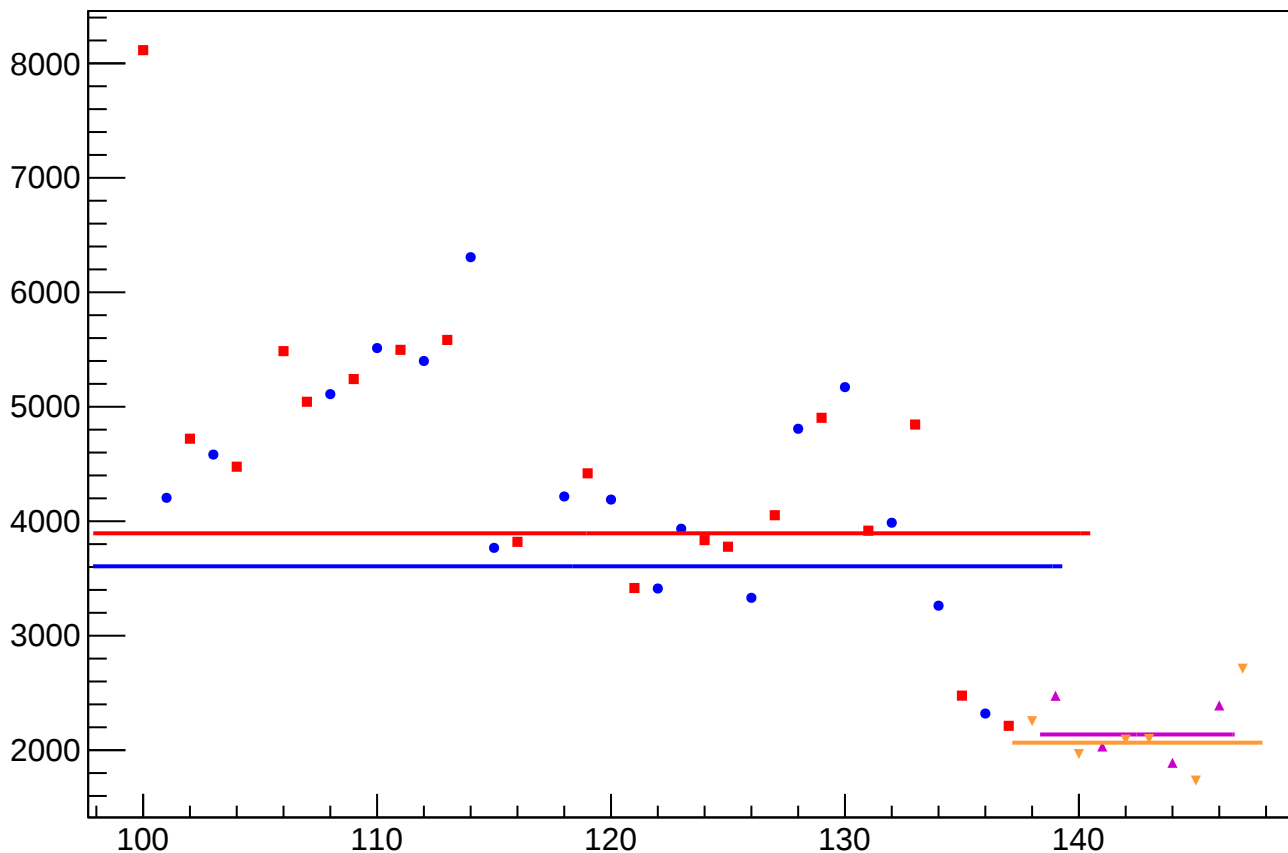
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -2079.284+/-919.162 χ^2/NDF : 20.2/20

Out: -652.346+/-841.182 χ^2/NDF : 26.8/24

All: -1302.728+/-620.546 χ^2/NDF : 48.2/45

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2065.498+/-0.715 χ^2/NDF : 158834.9/5

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2137.142+/-0.838 χ^2/NDF : 81408.1/3

Left: 2095.680+/-0.544 χ^2/NDF : 244473.2/9

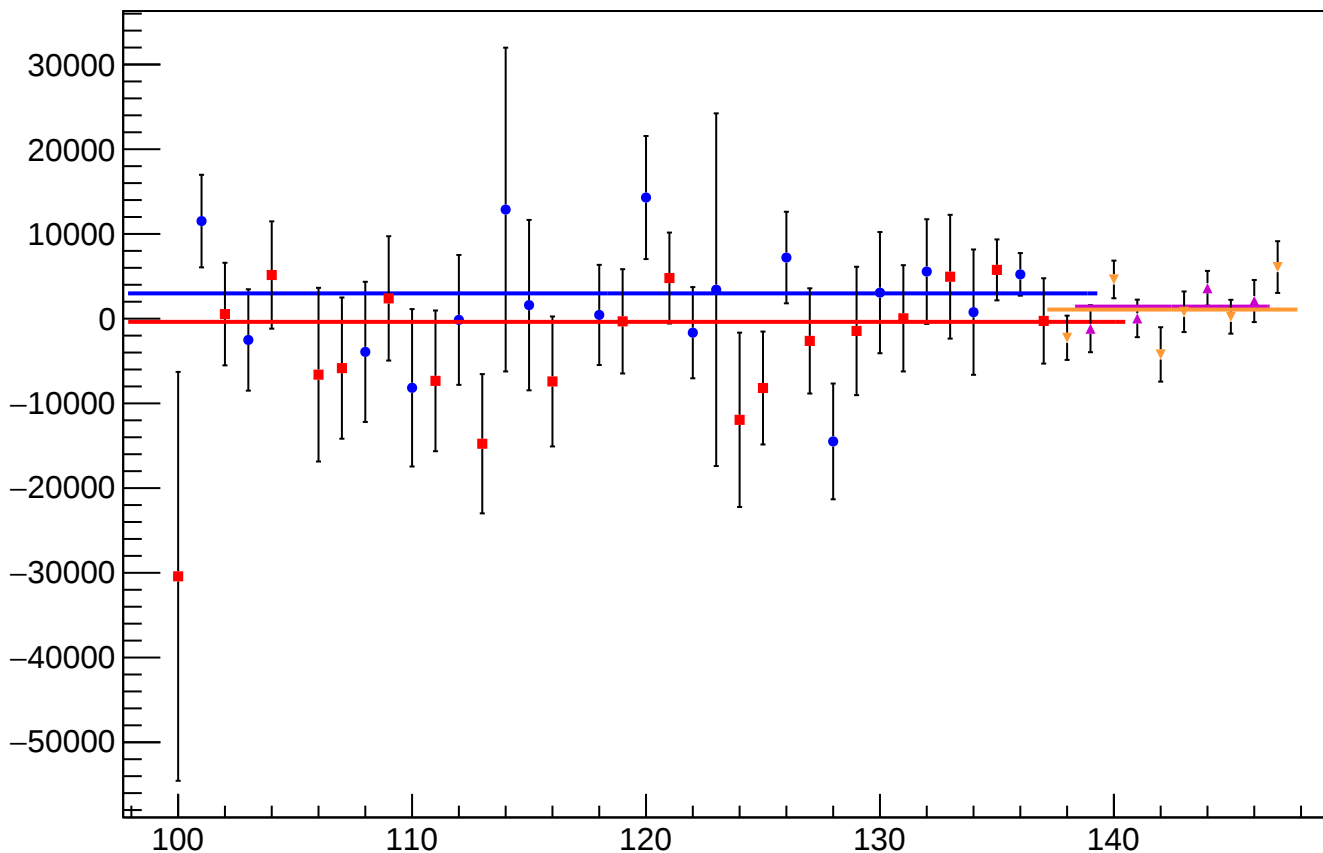
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2722.519+/-0.650 χ^2/NDF : 2398696.6/20

Out: 2628.665+/-0.595 χ^2/NDF : 3206690.0/24

All: 2671.442+/-0.439 χ^2/NDF : 5616734.7/45

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1074.792 $\pm$ 1011.063 χ^2 /NDF: 9.8/5

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 1420.943 $\pm$ 1167.602 χ^2 /NDF: 2.5/3

Left: 1223.124 $\pm$ 764.327 χ^2 /NDF: 12.3/9

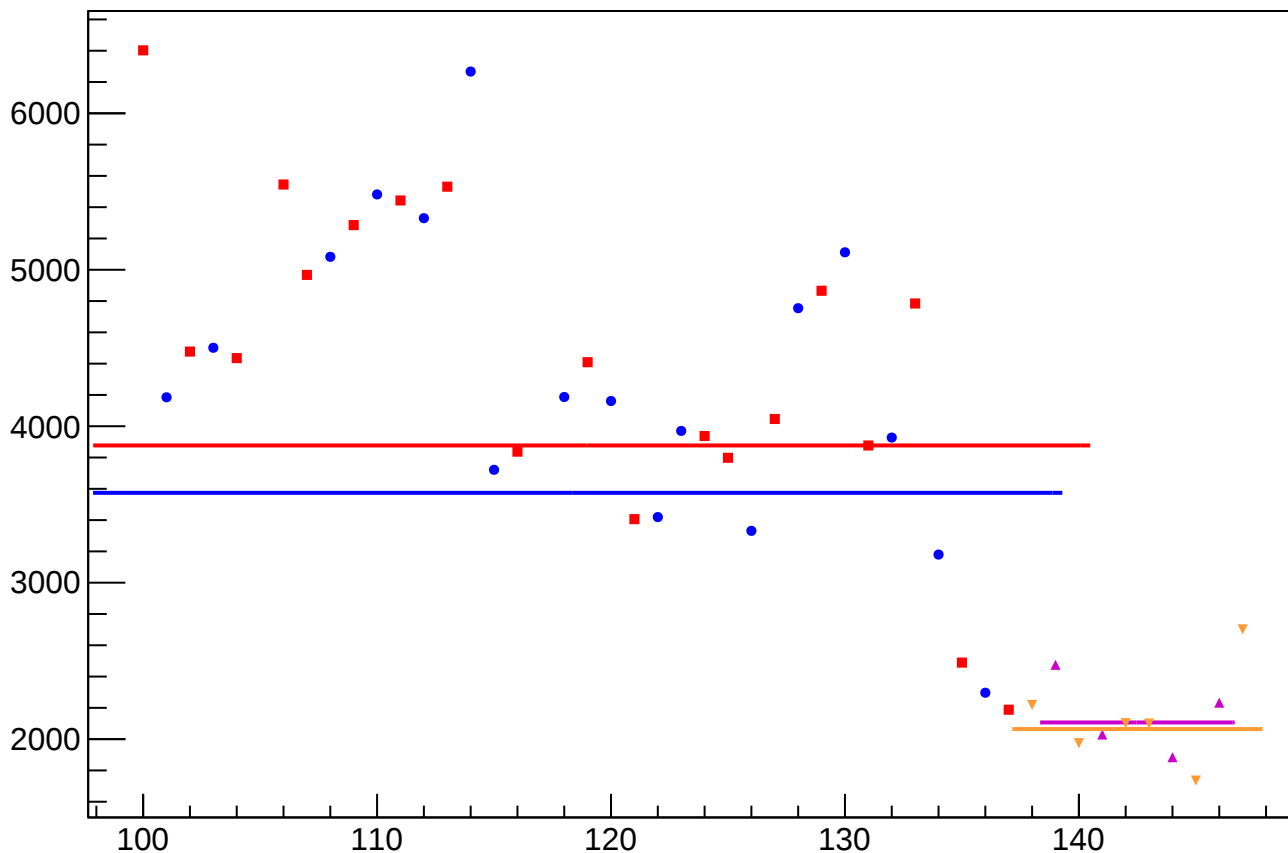
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 2038.915 $\pm$ 907.836 χ^2 /NDF: 20.6/20

Out: 624.198 $\pm$ 839.675 χ^2 /NDF: 25.5/24

All: 1276.460 $\pm$ 616.430 χ^2 /NDF: 47.4/45

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2064.427 $\pm$ 0.715 χ^2 /NDF:152350.4/5

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2106.595 $\pm$ 0.826 χ^2 /NDF:66398.2/3

Left: 2082.497 $\pm$ 0.540 χ^2 /NDF: 220239.4/9

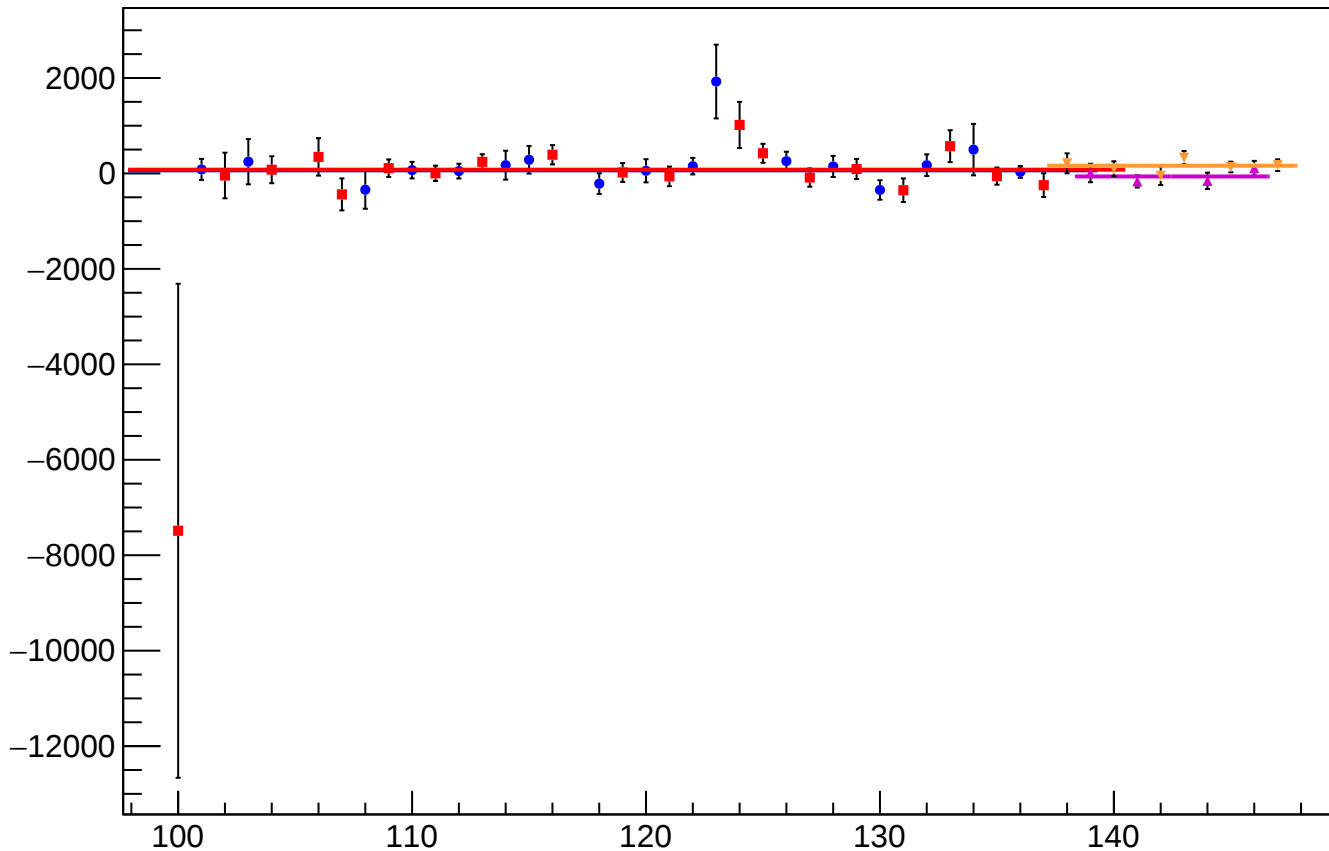
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2687.039 $\pm$ 0.642 χ^2 /NDF:2407597.3/20

Out: 2626.889 $\pm$ 0.594 χ^2 /NDF:3137243.7/24

All: 2654.621 $\pm$ 0.436 χ^2 /NDF: 5549572.9/45

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 161.816+/-58.939 χ^2/NDF : 2.9/5

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: -63.295+/-77.761 χ^2/NDF : 2.4/3

Left: 79.678+/-46.971 χ^2/NDF : 10.6/9

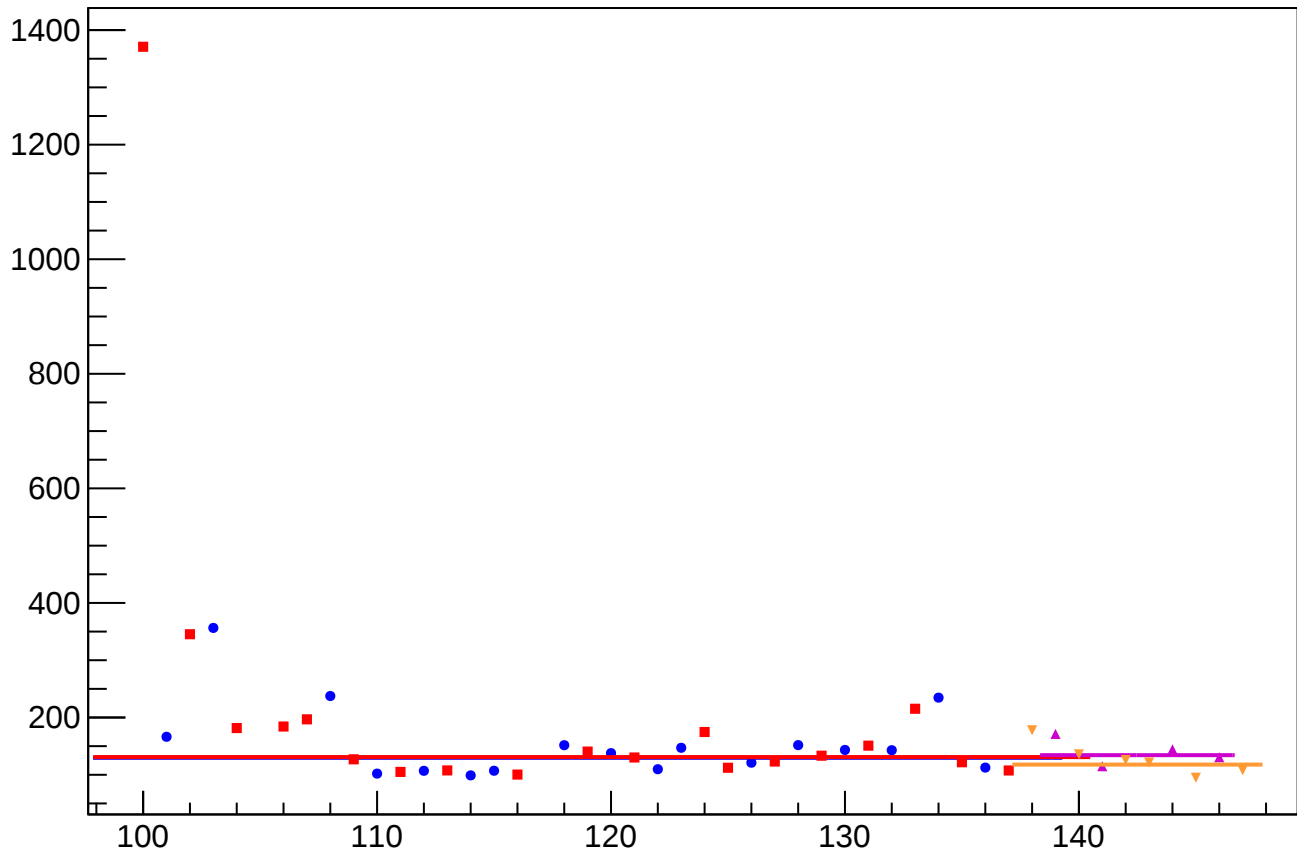
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 24.774+/-43.625 χ^2/NDF : 20.0/20

Out: 115.346+/-39.136 χ^2/NDF : 28.3/24

All: 74.958+/-29.132 χ^2/NDF : 50.7/45

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 117.778 $\pm$ 0.042 χ^2 /NDF: 292559.8/5

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 134.260 $\pm$ 0.055 χ^2 /NDF: 127722.6/3

Left: 123.792 $\pm$ 0.033 χ^2 /NDF: 477352.3/9

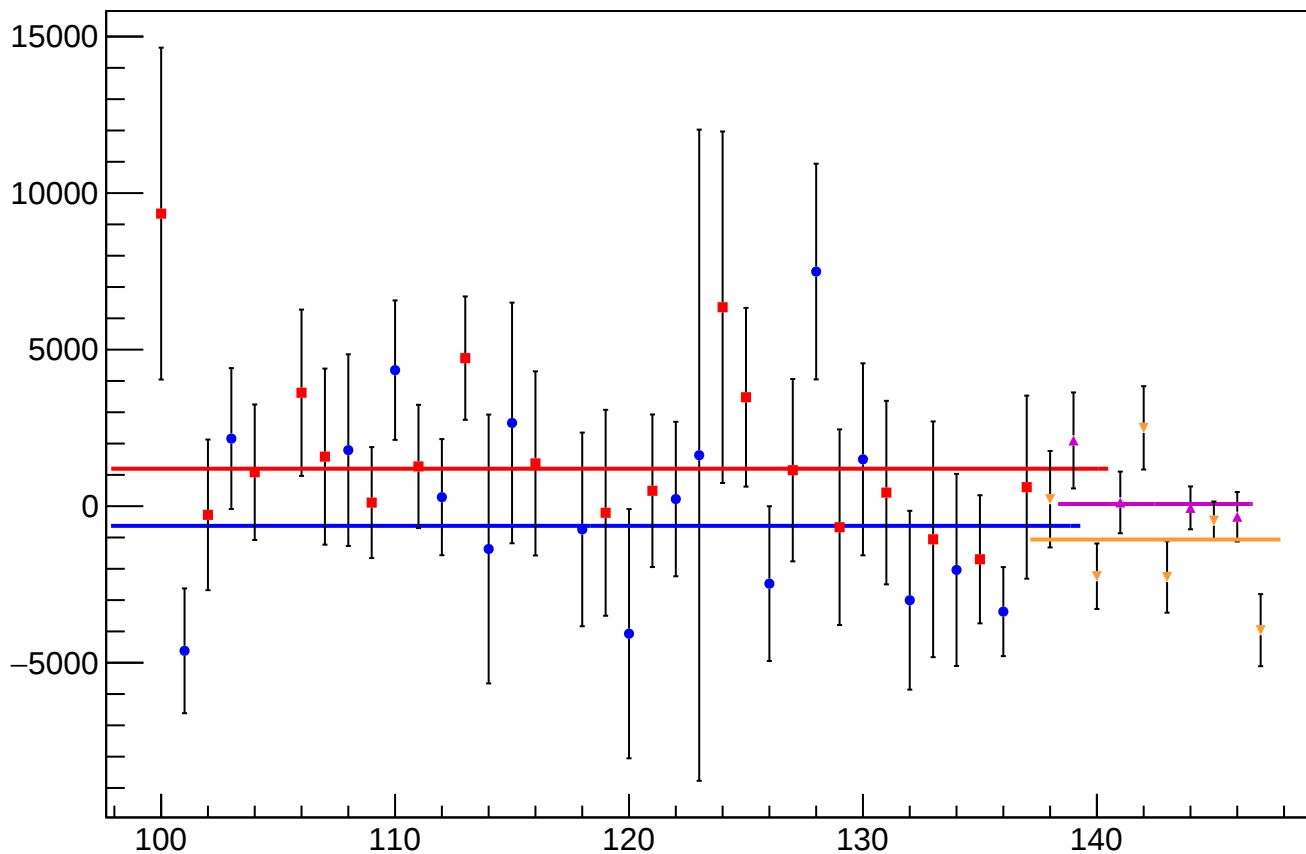
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 131.133 $\pm$ 0.031 χ^2 /NDF: 1122125.7/20

Out: 125.102 $\pm$ 0.028 χ^2 /NDF: 1390124.3/24

All: 127.791 $\pm$ 0.021 χ^2 /NDF: 2533428.4/45

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1065.696+/-404.787 χ^2/NDF :17.5/5

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 70.008+/-439.110 χ^2/NDF :2.1/3

Left: -543.959+/-297.623 χ^2/NDF : 23.2/9

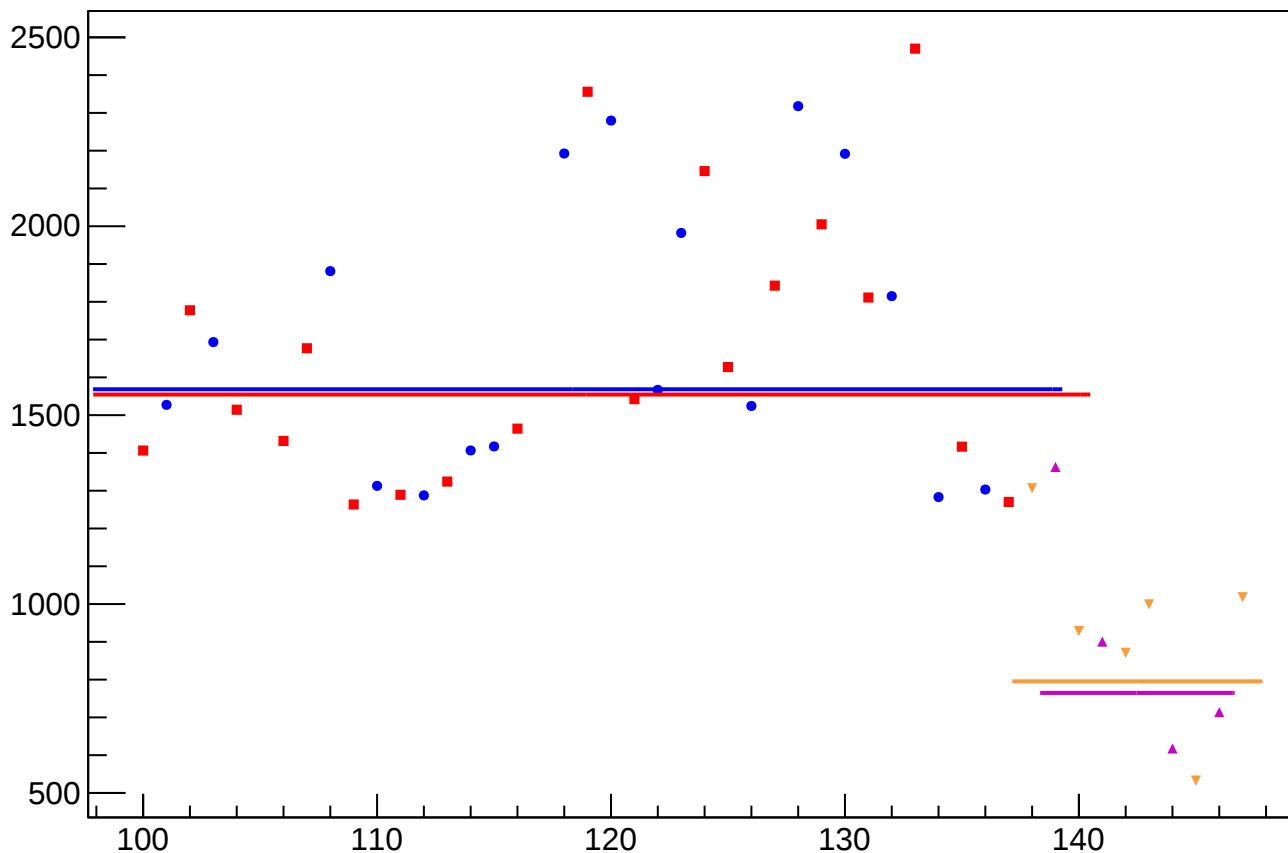
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -162.474+/-358.626 χ^2/NDF :27.2/20

Out: -351.178+/-334.802 χ^2/NDF :39.2/24

All: -263.302+/-244.730 χ^2/NDF : 66.5/45

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 795.427 $\pm$ 0.286 χ^2 /NDF: 767747.9/5

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 764.751 $\pm$ 0.310 χ^2 /NDF: 442905.3/3

Left: 781.335 $\pm$ 0.210 χ^2 /NDF: 1215930.0/9

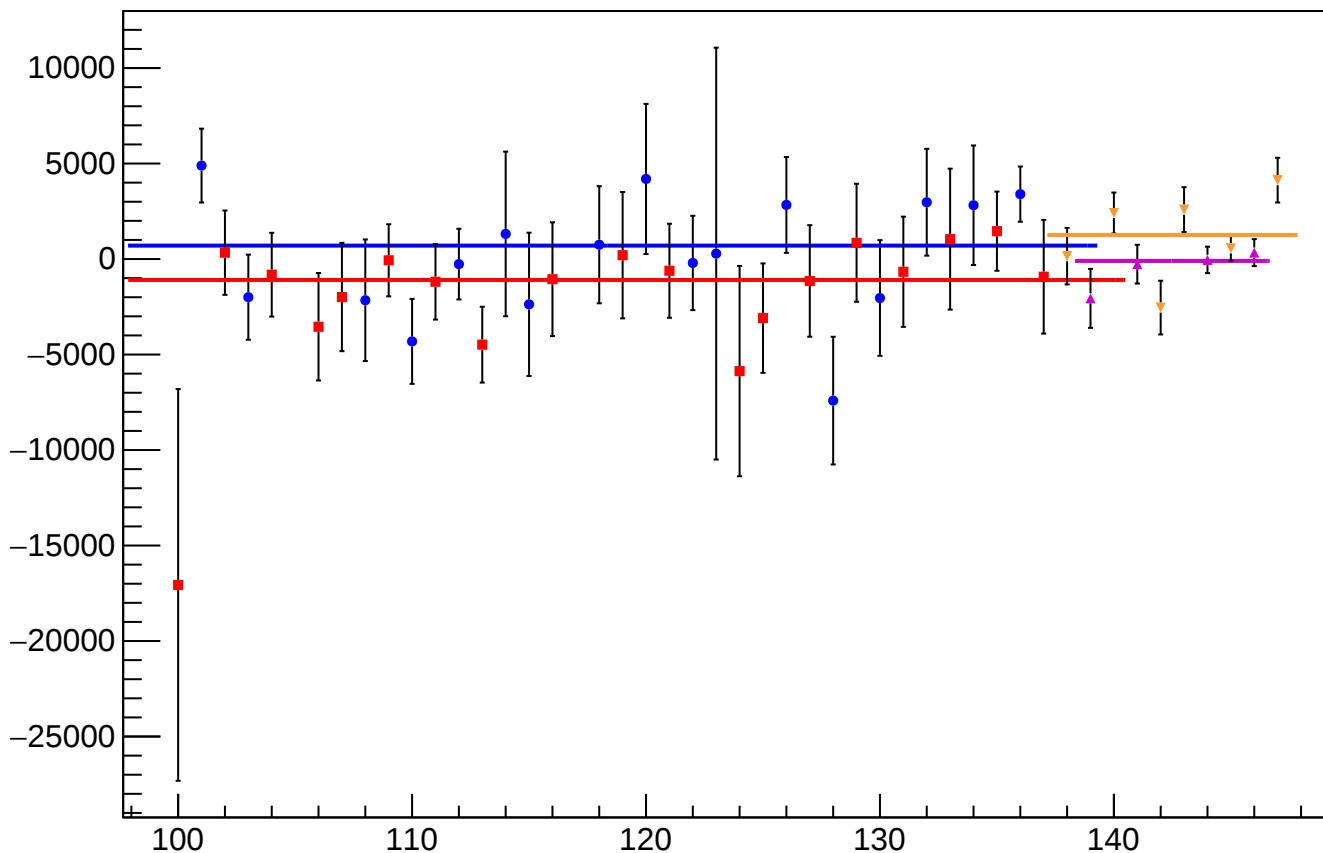
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1032.378 $\pm$ 0.254 χ^2 /NDF: 3208228.6/20

Out: 1035.223 $\pm$ 0.237 χ^2 /NDF: 3501649.6/24

All: 1033.898 $\pm$ 0.173 χ^2 /NDF: 6709945.5/45

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1256.934+/-420.552 χ^2/NDF : 17.5/5

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -99.663+/-427.637 χ^2/NDF : 2.0/3

Left: 589.967+/-299.849 χ^2/NDF : 24.6/9

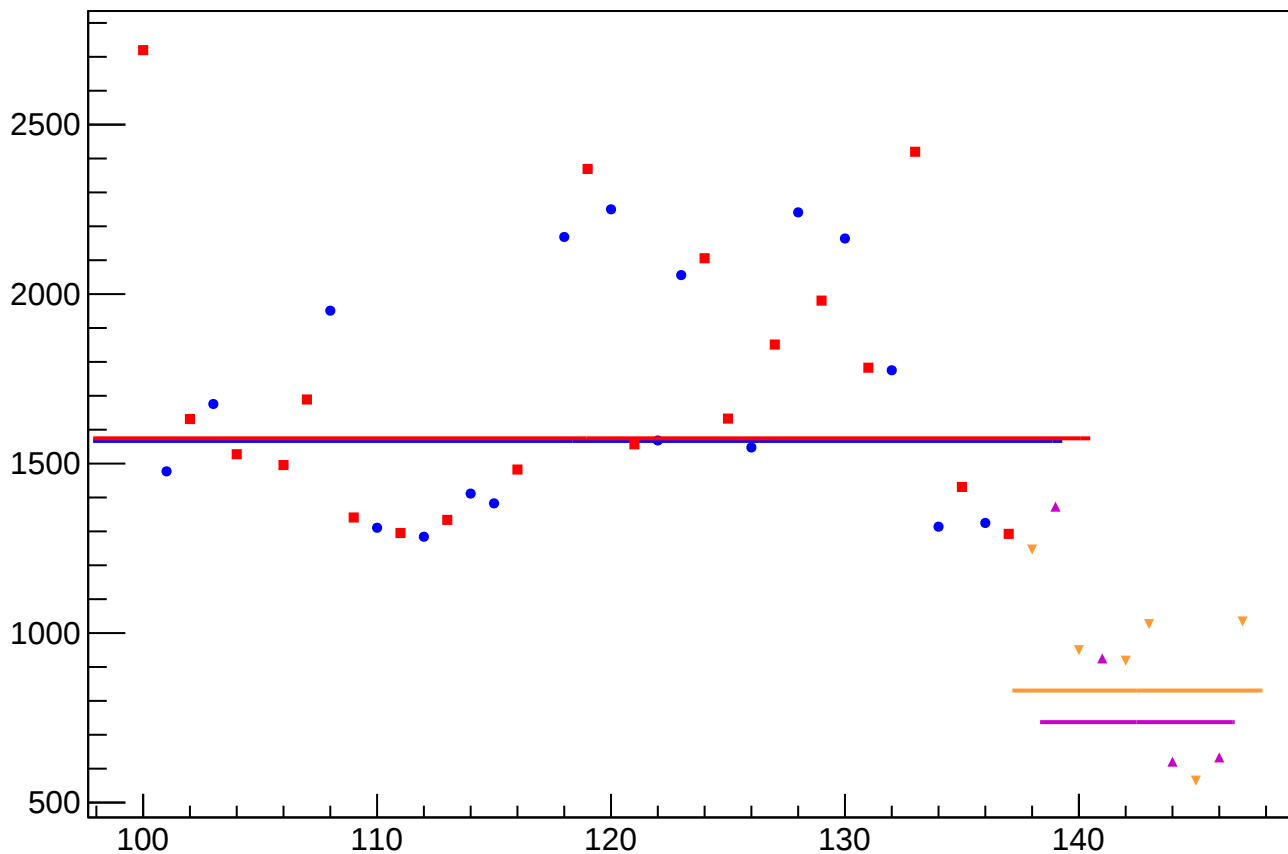
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 158.763+/-352.136 χ^2/NDF : 29.1/20

Out: 488.012+/-344.983 χ^2/NDF : 38.3/24

All: 326.765+/-246.430 χ^2/NDF : 67.9/45

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 830.481 $\pm$ 0.297 χ^2 /NDF: 641115.3/5

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 737.241 $\pm$ 0.302 χ^2 /NDF: 507643.3/3

Left: 784.640 $\pm$ 0.212 χ^2 /NDF: 1197092.6/9

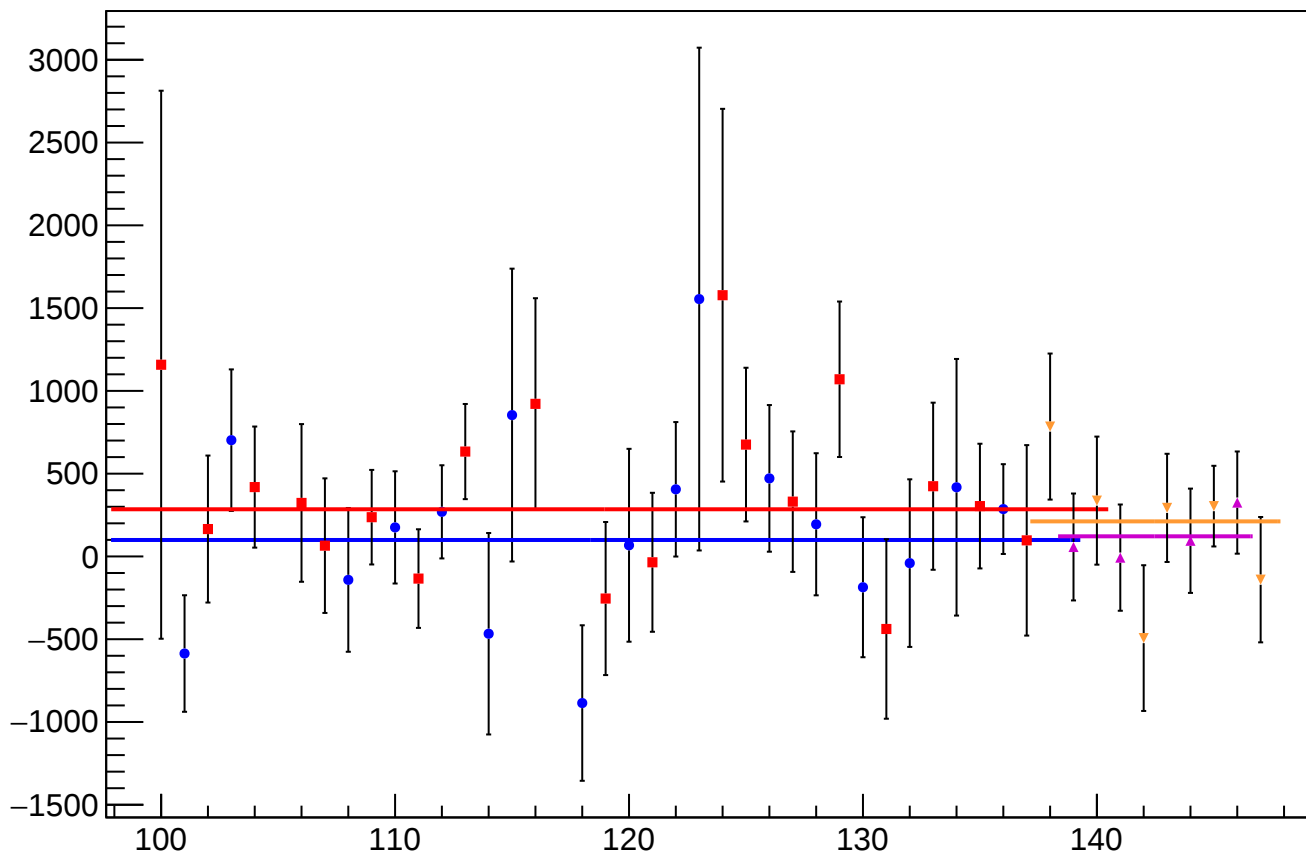
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1004.351 $\pm$ 0.249 χ^2 /NDF: 3431241.0/20

Out: 1073.851 $\pm$ 0.244 χ^2 /NDF: 3153051.8/24

All: 1039.814 $\pm$ 0.174 χ^2 /NDF: 6624045.5/45

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 211.792 $\pm$ 141.171 χ^2 /NDF: 5.4/5

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 121.555 $\pm$ 158.369 χ^2 /NDF: 0.6/3

Left: 171.837 $\pm$ 105.381 χ^2 /NDF: 6.3/9

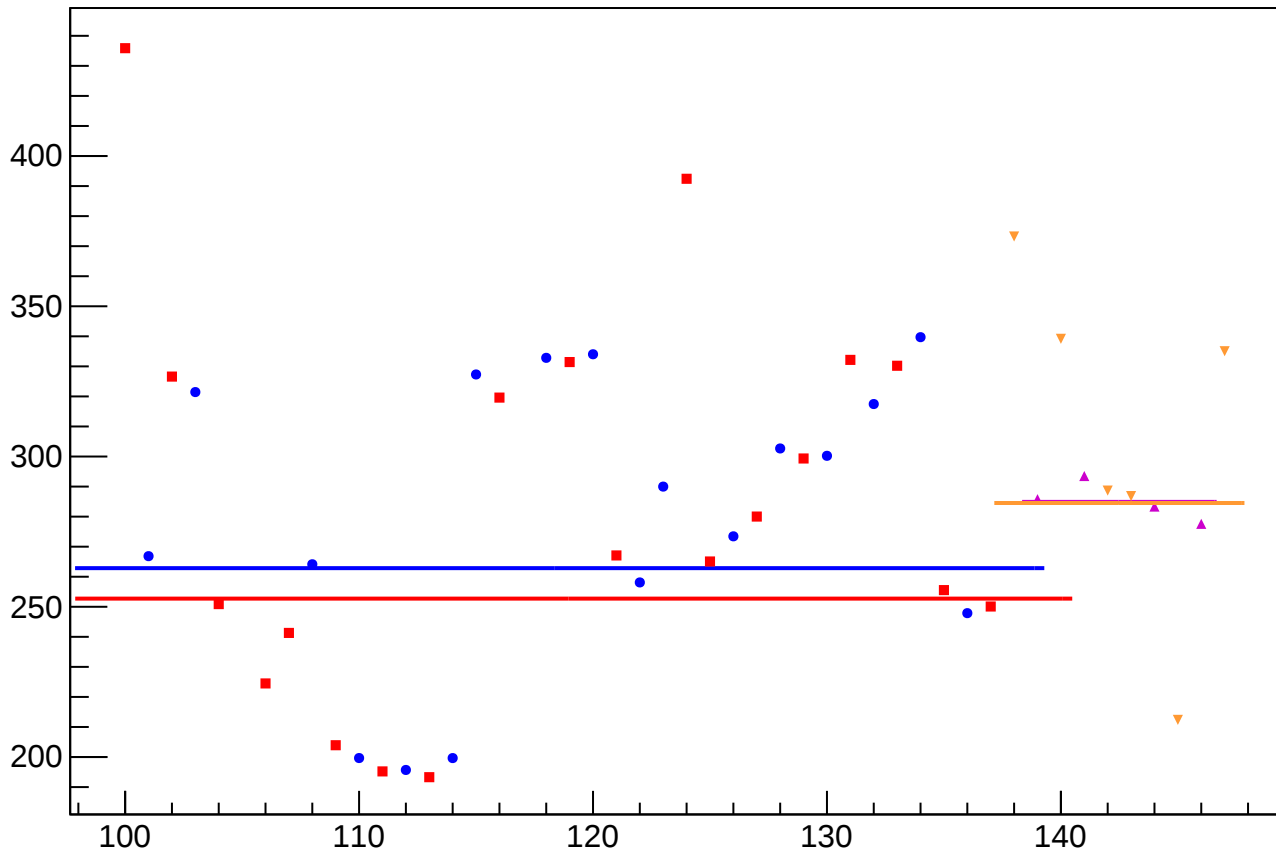
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 106.018 $\pm$ 86.617 χ^2 /NDF: 16.6/20

Out: 261.209 $\pm$ 80.342 χ^2 /NDF: 19.6/24

All: 189.438 $\pm$ 58.904 χ^2 /NDF: 37.9/45

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 284.539+/-0.100 χ^2/NDF :332153.9/5

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 284.906+/-0.112 χ^2/NDF :2622.5/3

Left: 284.701+/-0.075 χ^2/NDF : 334782.4/9

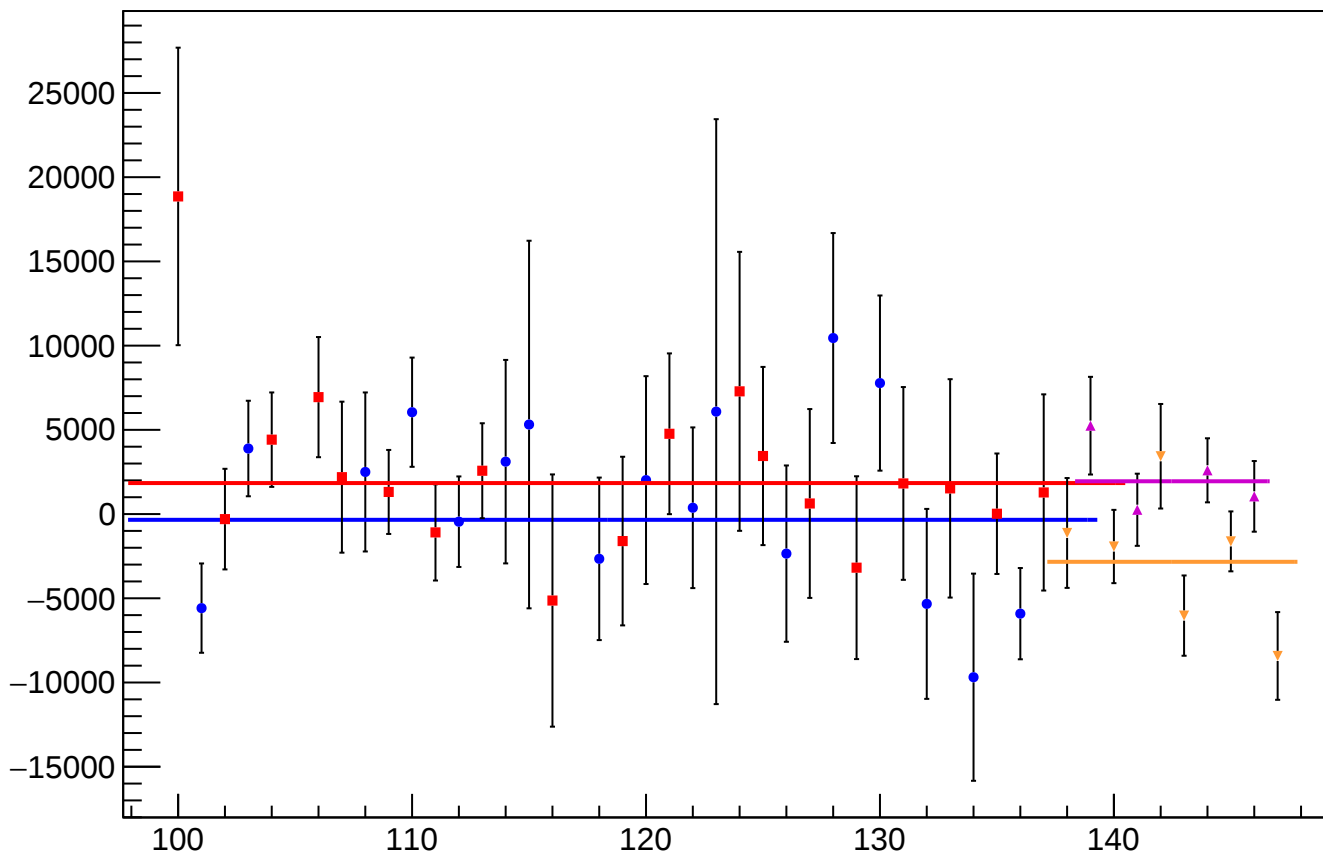
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 269.452+/-0.061 χ^2/NDF :441492.1/20

Out: 263.026+/-0.057 χ^2/NDF :940575.9/24

All: 265.998+/-0.042 χ^2/NDF : 1387985.8/45

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2834.261 ± 976.474 $\chi^2/\text{NDF}: 11.4/5$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1946.843 ± 1090.677 $\chi^2/\text{NDF}: 2.2/3$

Left: -707.045 ± 727.508 $\chi^2/\text{NDF}: 24.3/9$

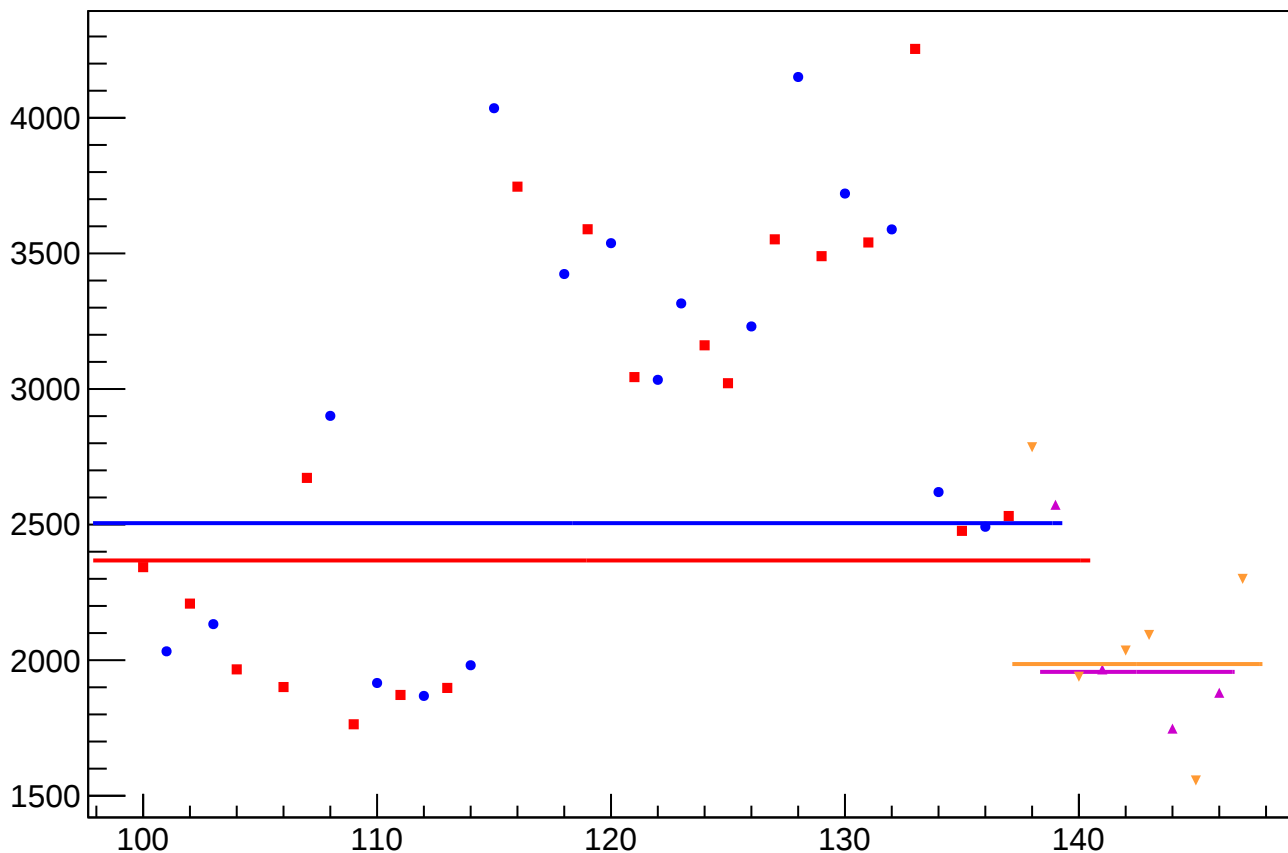
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 708.840 ± 738.933 $\chi^2/\text{NDF}: 29.0/20$

Out: -369.734 ± 671.437 $\chi^2/\text{NDF}: 35.2/24$

All: 118.054 ± 496.930 $\chi^2/\text{NDF}: 65.4/45$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 1985.752+/-0.690 χ^2/NDF : 271274.0/5

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 1956.854+/-0.771 χ^2/NDF : 117249.1/3

Left: 1972.895+/-0.514 χ^2/NDF : 389302.5/9

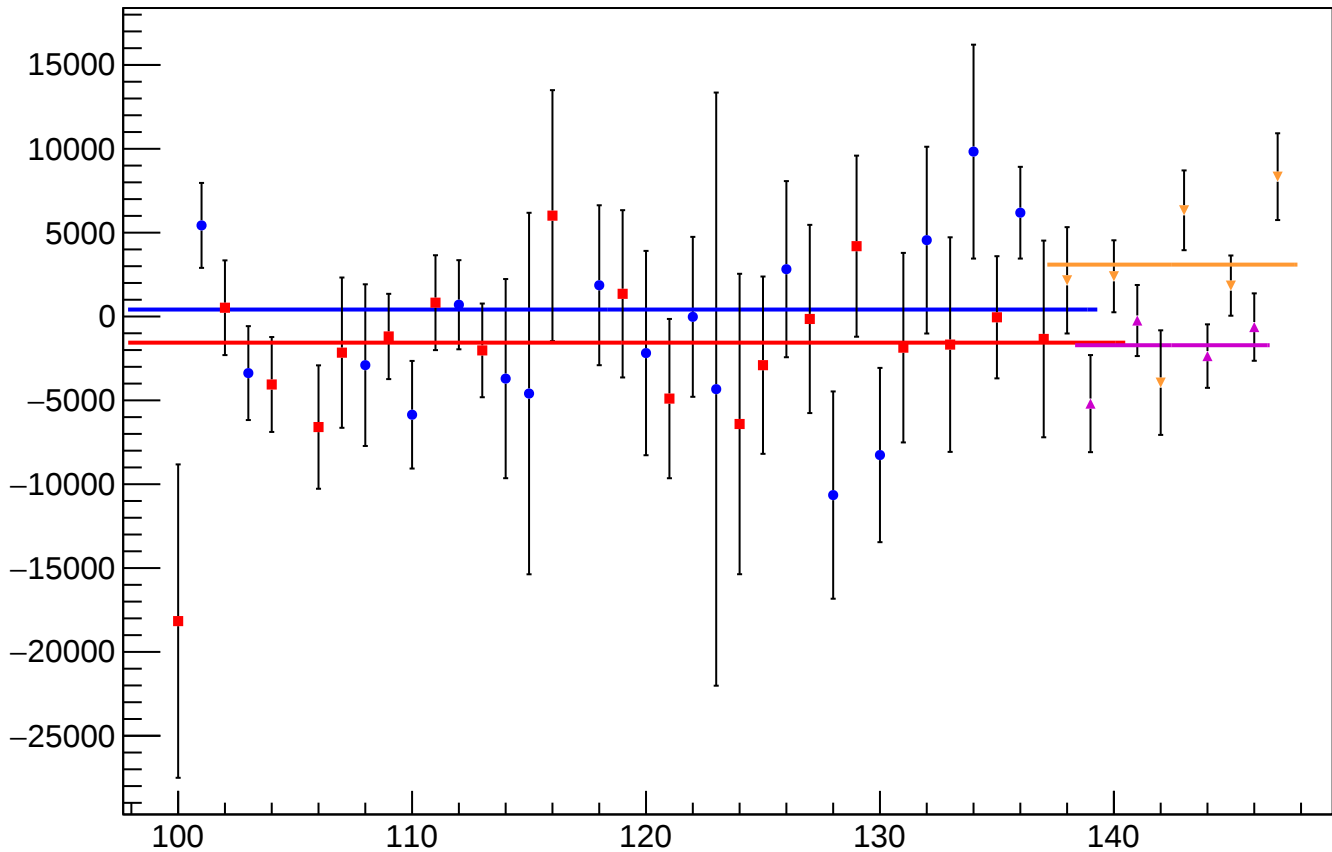
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2253.577+/-0.523 χ^2/NDF : 1255000.6/20

Out: 2187.126+/-0.475 χ^2/NDF : 1463513.2/24

All: 2217.178+/-0.351 χ^2/NDF : 2727373.1/45

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3094.320+/-973.205 χ^2/NDF : 11.7/5

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -1712.406+/-1073.115 χ^2/NDF : 2.3/3

Left: 925.084+/-720.900 χ^2/NDF : 25.1/9

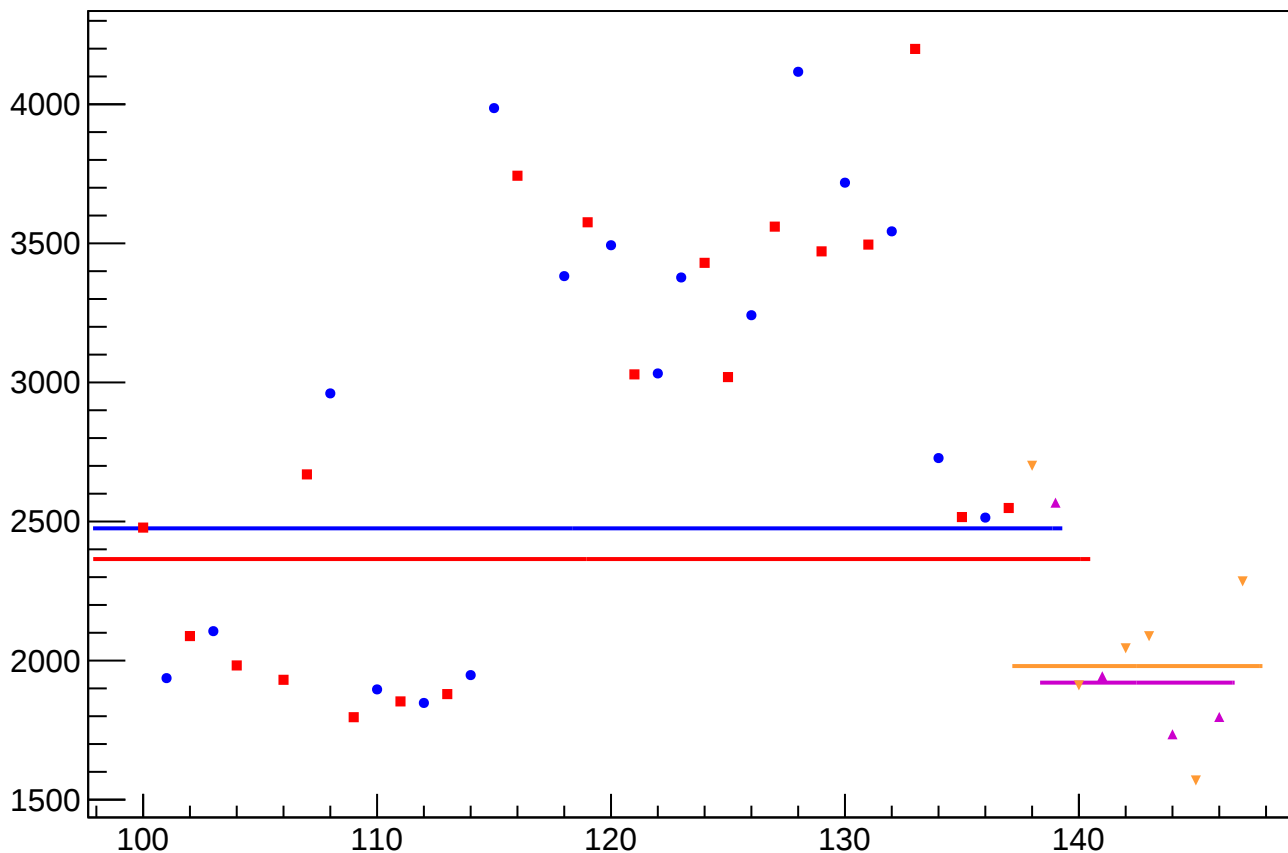
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -568.076+/-729.591 χ^2/NDF : 29.0/20

Out: 648.268+/-670.254 χ^2/NDF : 34.5/24

All: 91.563+/-493.587 χ^2/NDF : 64.9/45

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 1980.319+/-0.688 χ^2/NDF : 242811.5/5

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 1920.742+/-0.759 χ^2/NDF : 126908.6/3

Left: 1953.433+/-0.510 χ^2/NDF : 373102.6/9

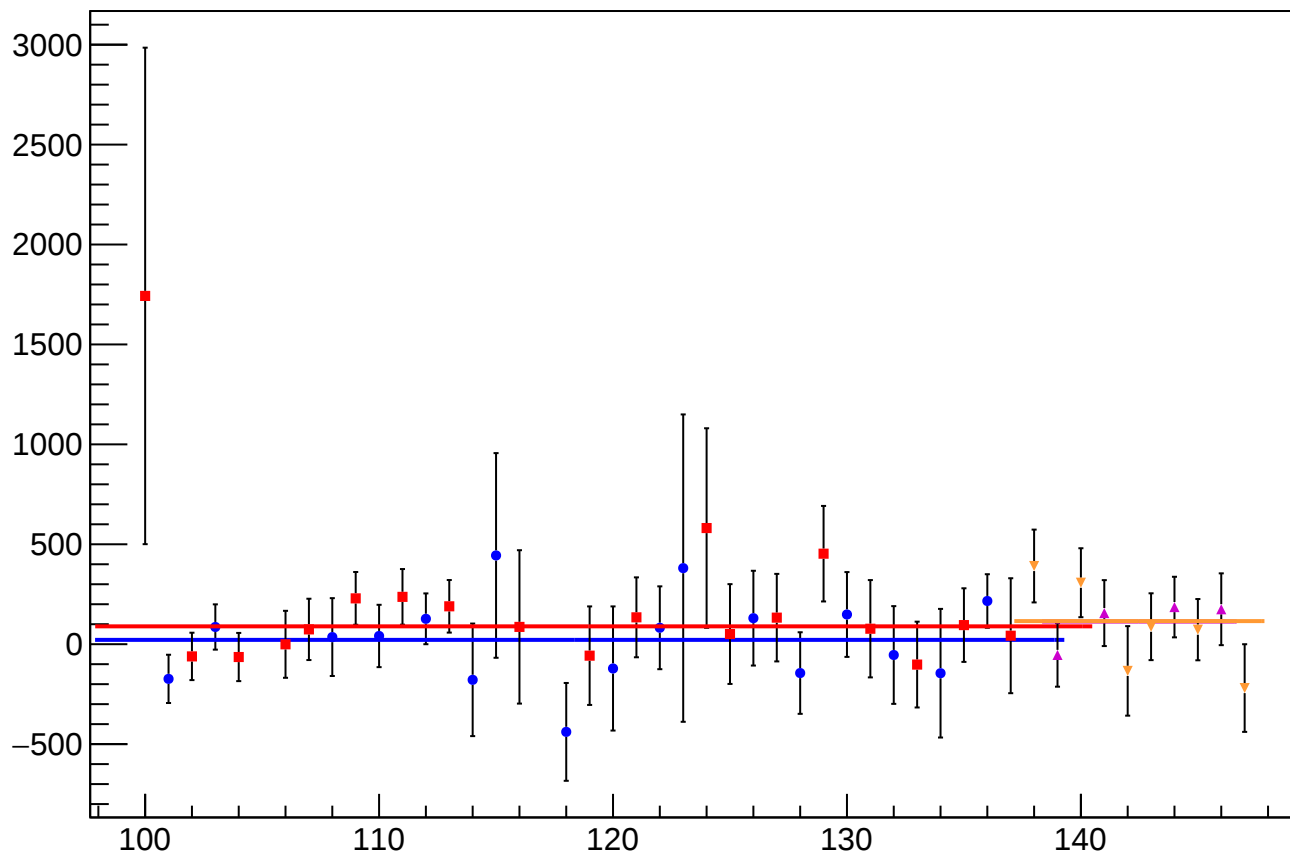
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2219.034+/-0.516 χ^2/NDF : 1327345.3/20

Out: 2182.552+/-0.474 χ^2/NDF : 1434269.4/24

All: 2199.249+/-0.349 χ^2/NDF : 2764326.6/45

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 115.539 $\pm$ 73.967 χ^2 /NDF:7.2/5

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 113.355 $\pm$ 81.430 χ^2 /NDF:1.5/3

Left: 114.552 $\pm$ 54.751 χ^2 /NDF: 8.7/9

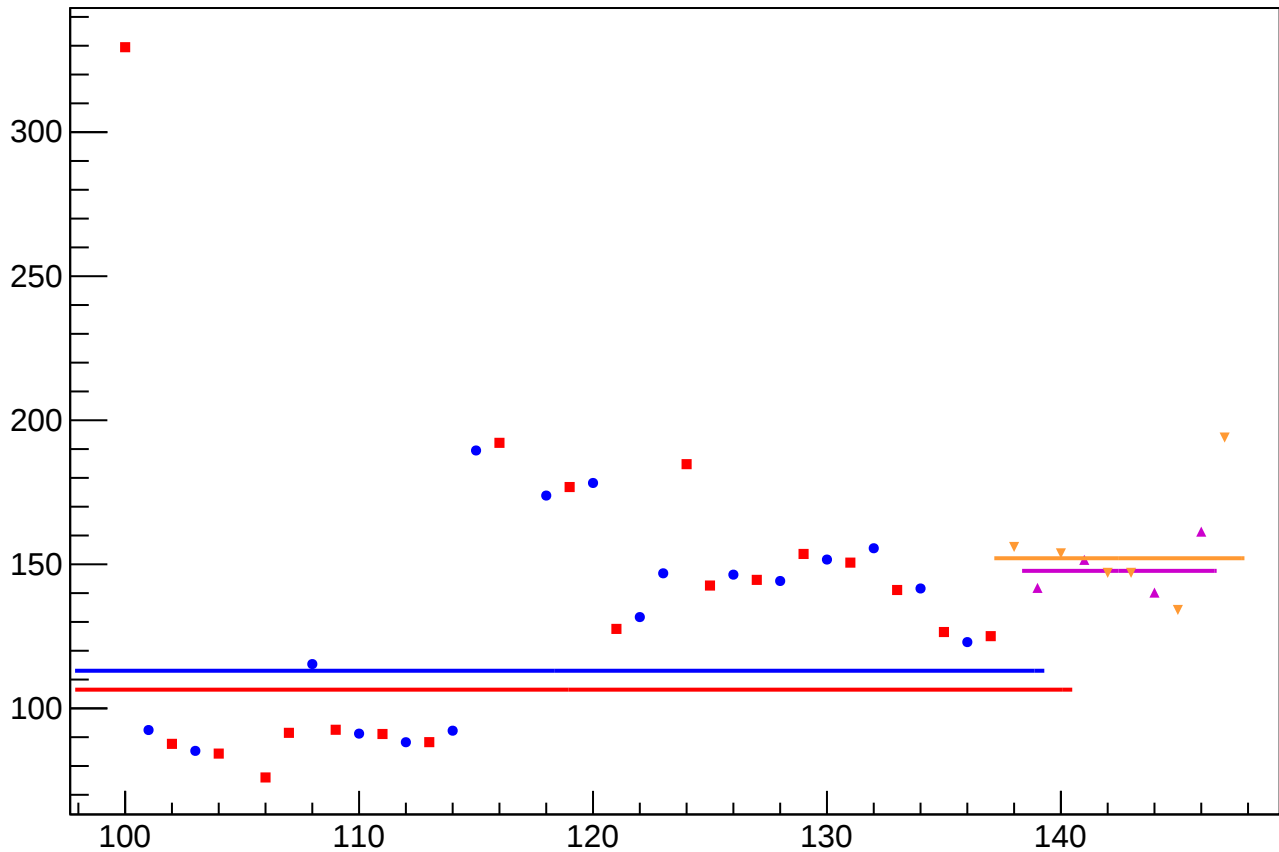
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 43.217 $\pm$ 39.491 χ^2 /NDF:15.1/20

Out: 95.662 $\pm$ 36.393 χ^2 /NDF:20.0/24

All: 71.577 $\pm$ 26.762 χ^2 /NDF: 36.0/45

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 152.105 $\pm$ 0.052 χ^2 /NDF:104374.6/5

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 147.731 $\pm$ 0.058 χ^2 /NDF:20273.0/3

Left: 150.127 $\pm$ 0.039 χ^2 /NDF: 127808.5/9

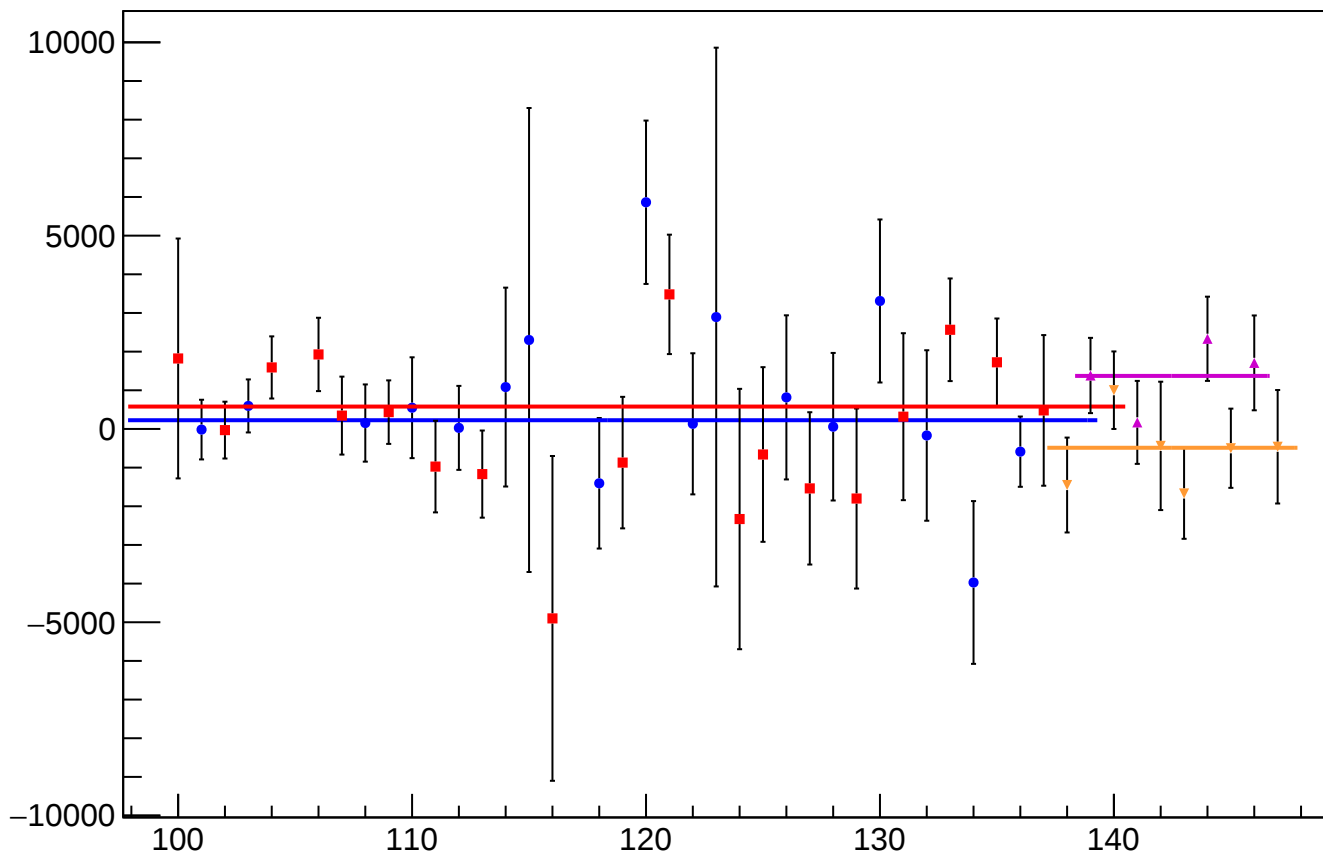
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 121.214 $\pm$ 0.028 χ^2 /NDF:1118390.7/20

Out: 117.535 $\pm$ 0.026 χ^2 /NDF:1697002.7/24

All: 119.224 $\pm$ 0.019 χ^2 /NDF: 2824780.1/45

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -486.725 $\pm$ 489.974 χ^2 /NDF:3.8/5

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 1372.002 $\pm$ 539.877 χ^2 /NDF:2.1/3

Left: 352.783 $\pm$ 362.827 χ^2 /NDF: 12.4/9

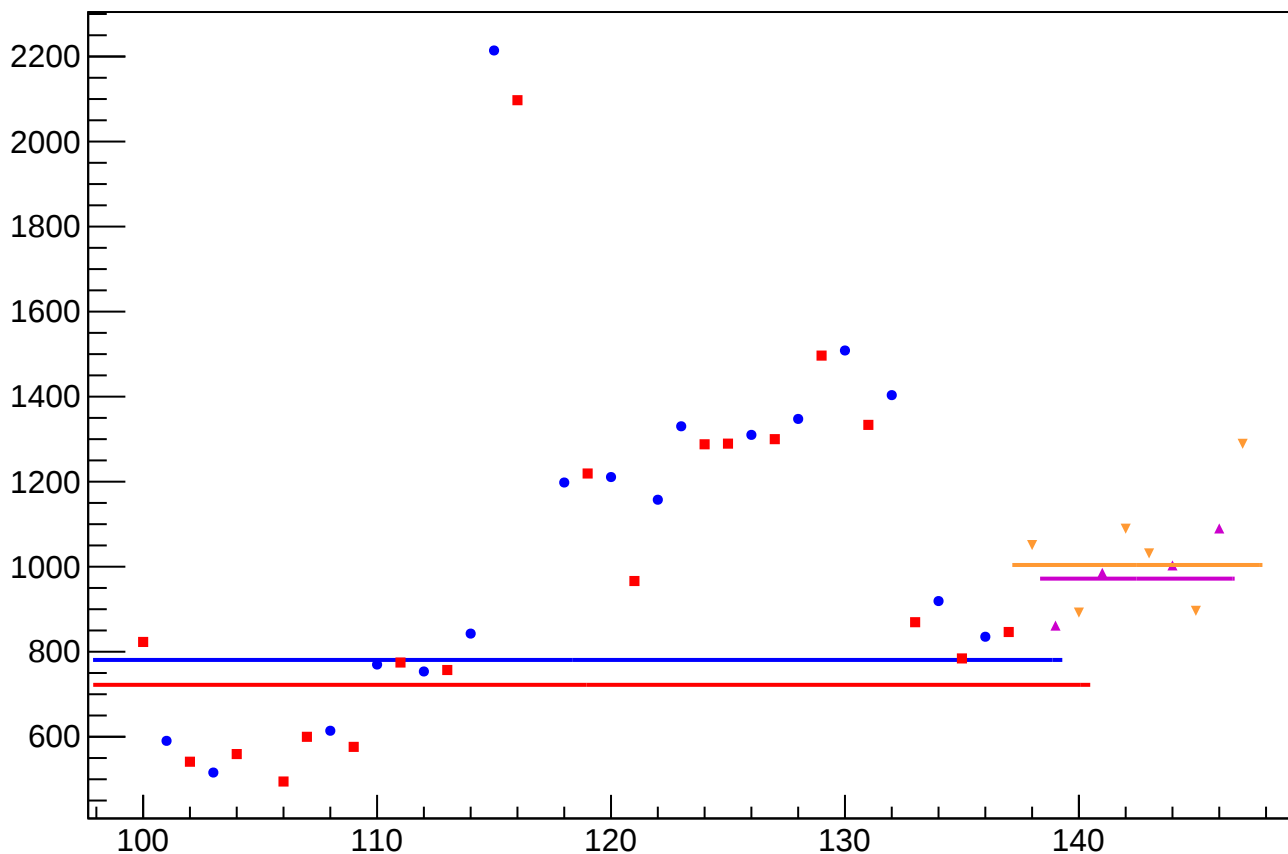
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 525.621 $\pm$ 276.174 χ^2 /NDF:21.4/20

Out: 303.615 $\pm$ 249.076 χ^2 /NDF:28.5/24

All: 403.195 $\pm$ 184.964 χ^2 /NDF: 50.2/45

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1004.071 $\pm$ 0.346 χ^2 /NDF:131797.6/5

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 971.932 $\pm$ 0.382 χ^2 /NDF:46227.0/3

Left: 989.555 $\pm$ 0.257 χ^2 /NDF: 181911.0/9

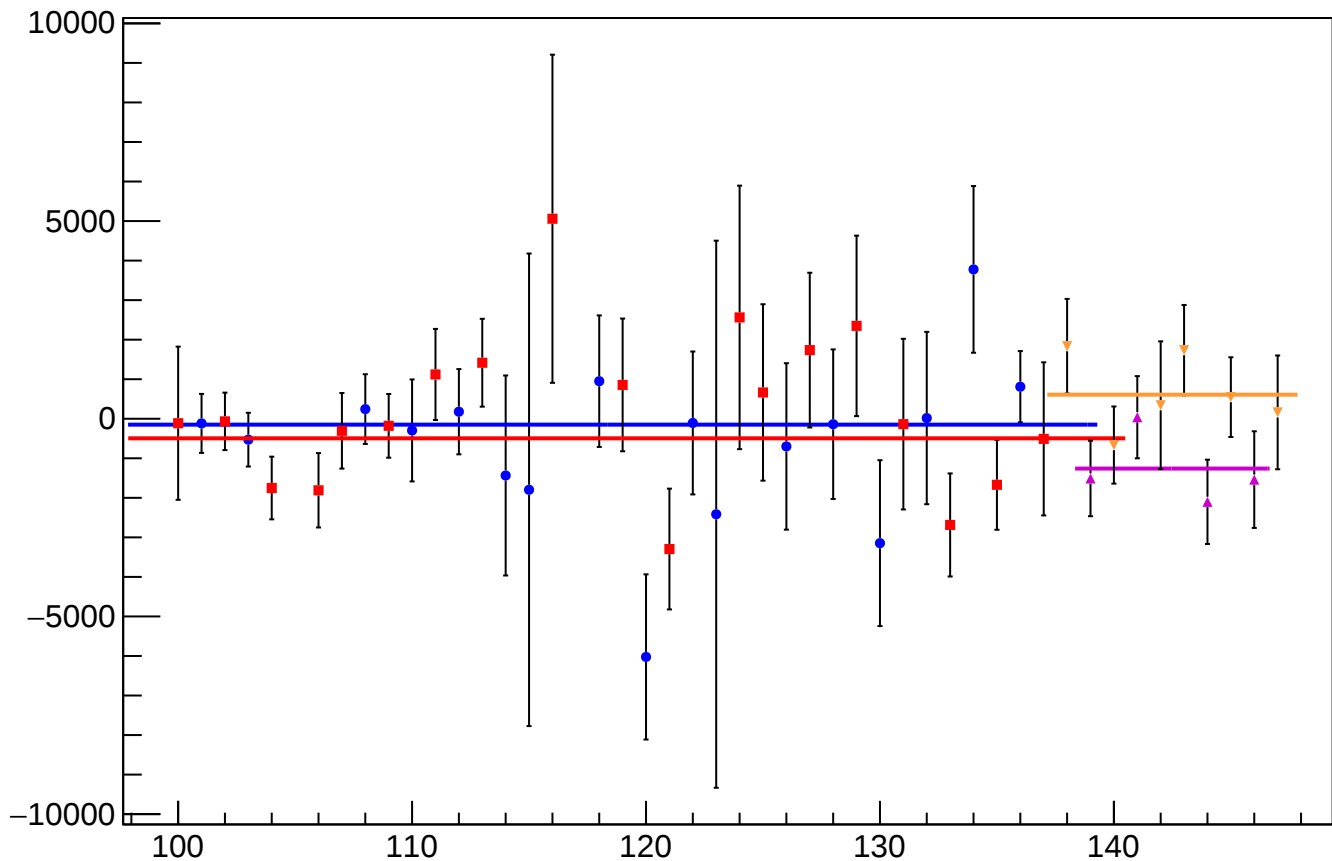
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 830.742 $\pm$ 0.195 χ^2 /NDF:1841007.5/20

Out: 795.001 $\pm$ 0.176 χ^2 /NDF:2251585.1/24

All: 811.033 $\pm$ 0.131 χ^2 /NDF: 4111064.9/45

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 608.866+/-478.670 χ^2/NDF : 3.9/5

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -1259.858+/-529.036 χ^2/NDF : 2.3/3

Left: -232.328+/-354.945 χ^2/NDF : 13.0/9

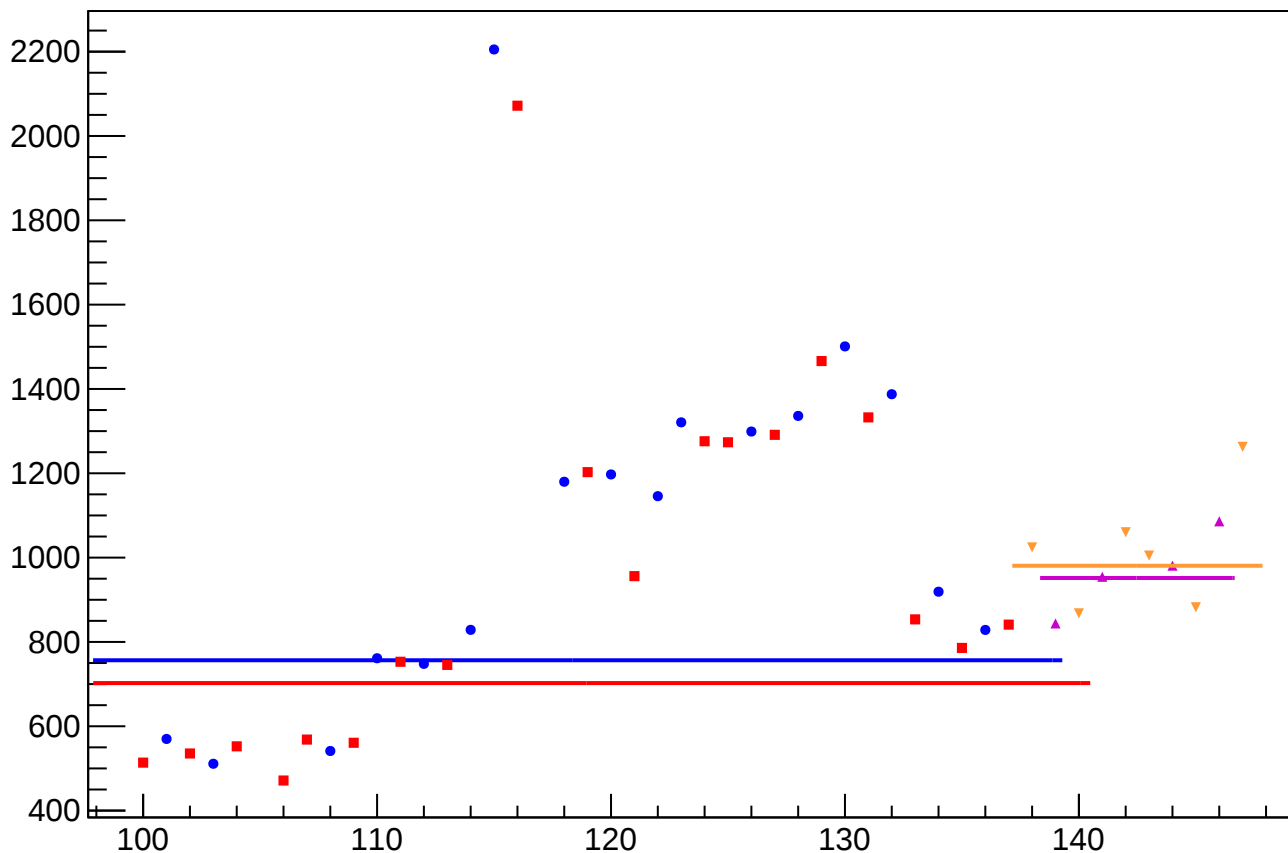
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -437.095+/-269.360 χ^2/NDF : 21.7/20

Out: -209.401+/-243.431 χ^2/NDF : 31.5/24

All: -311.764+/-180.605 χ^2/NDF : 53.5/45

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2/NDF : 1713642.0/16

Left Out: 980.700 $\pm$ 0.338 χ^2/NDF : 131086.6/5

Right Out: 702.444 $\pm$ 0.200 χ^2/NDF : 1689393.5/18

Left In: 951.685 $\pm$ 0.374 χ^2/NDF : 51216.1/3

Left: 967.639 $\pm$ 0.251 χ^2/NDF : 185610.5/9

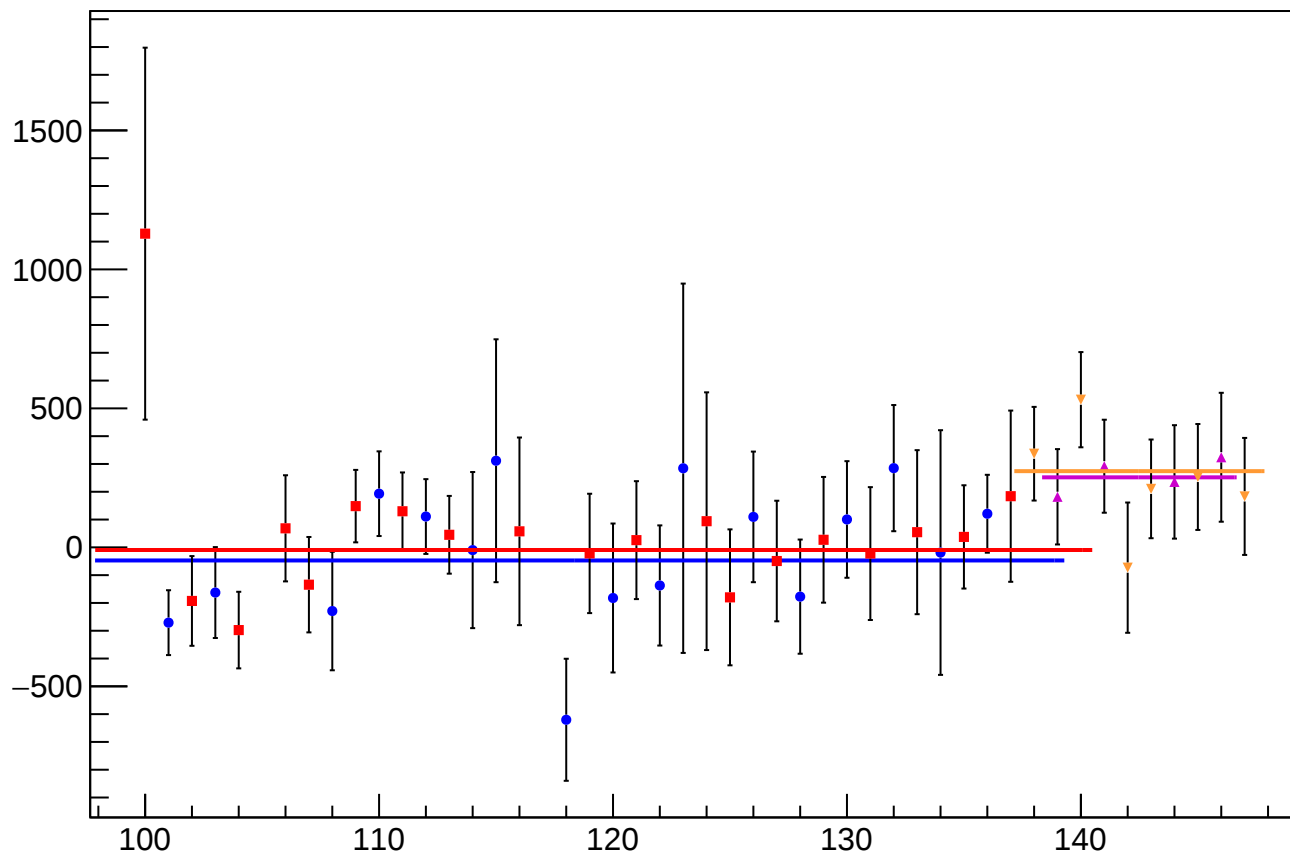
Right: 726.752 $\pm$ 0.148 χ^2/NDF : 3435937.4/35

In: 807.128 $\pm$ 0.190 χ^2/NDF : 1966444.0/20

Out: 774.409 $\pm$ 0.172 χ^2/NDF : 2321530.2/24

All: 789.118 $\pm$ 0.128 χ^2/NDF : 4304216.9/45

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 274.138 ± 76.840 $\chi^2/\text{NDF}: 4.9/5$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 251.883 ± 94.356 $\chi^2/\text{NDF}: 0.3/3$

Left: 265.264 ± 59.582 $\chi^2/\text{NDF}: 5.3/9$

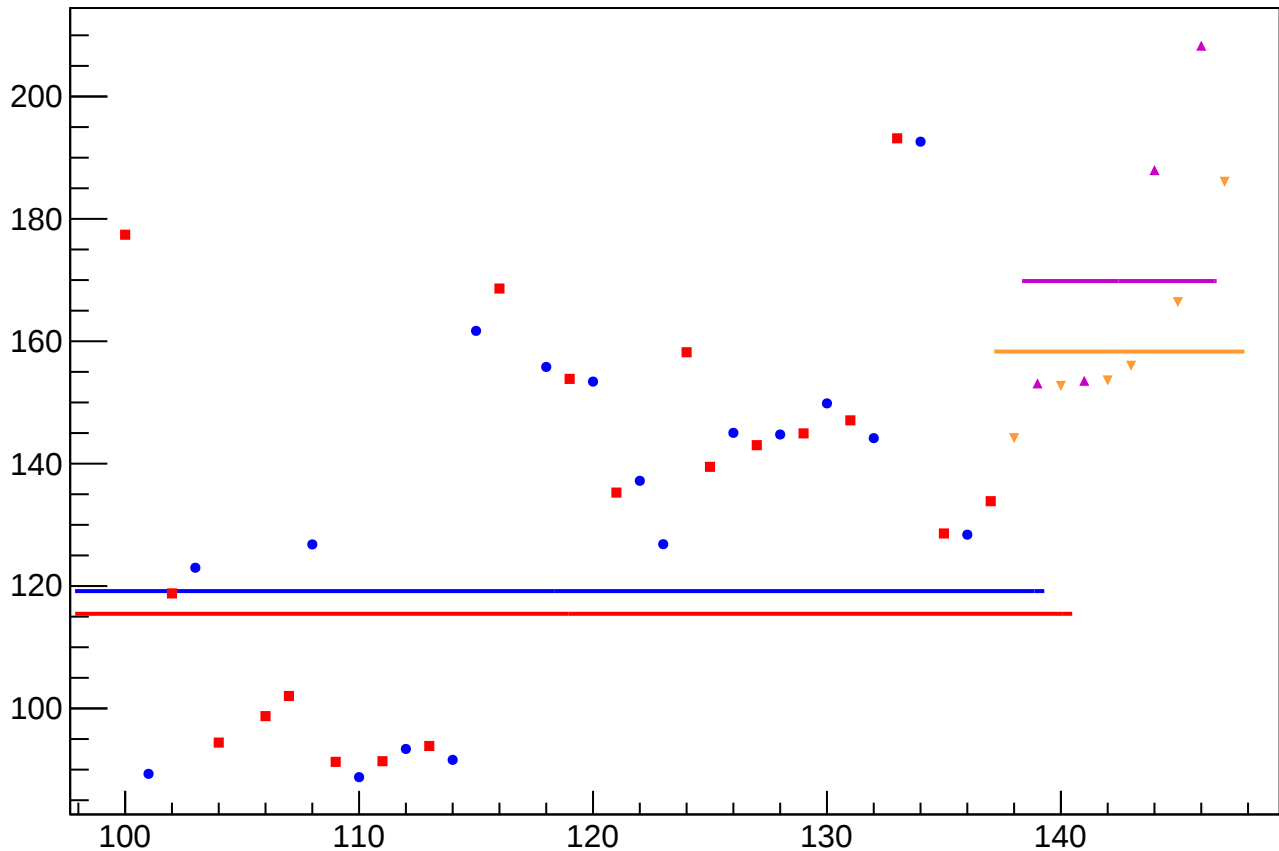
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 12.835 ± 42.262 $\chi^2/\text{NDF}: 30.2/20$

Out: 62.327 ± 38.669 $\chi^2/\text{NDF}: 28.1/24$

All: 39.774 ± 28.529 $\chi^2/\text{NDF}: 59.1/45$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 158.315+/-0.054 χ^2/NDF : 55772.4/5

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 169.843+/-0.067 χ^2/NDF : 108795.2/3

Left: 162.912+/-0.042 χ^2/NDF : 182517.7/9

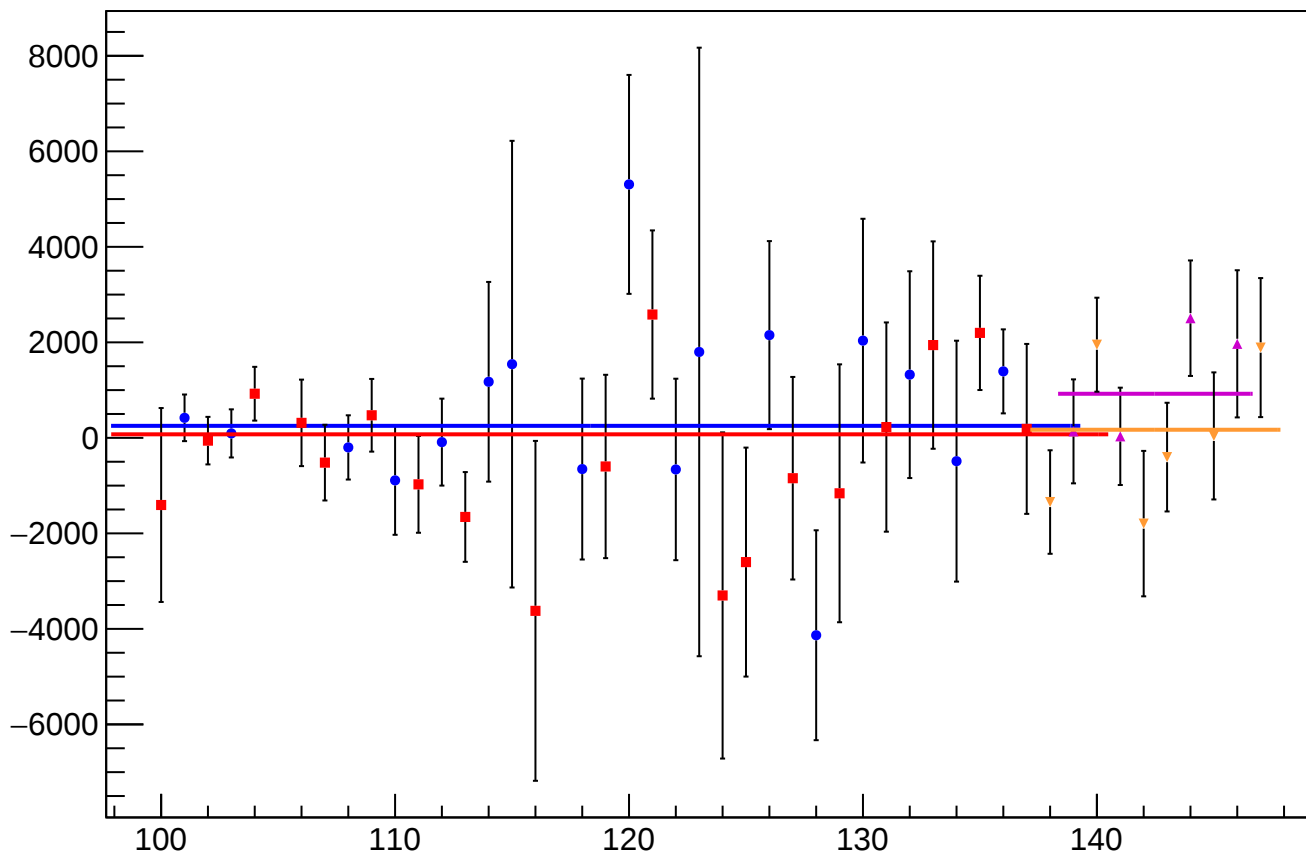
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 129.340+/-0.030 χ^2/NDF : 1185115.1/20

Out: 126.318+/-0.027 χ^2/NDF : 1212970.9/24

All: 127.695+/-0.020 χ^2/NDF : 2403653.5/45

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 169.804+/-492.407 χ^2/NDF : 8.6/5

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 923.172+/-586.077 χ^2/NDF : 3.5/3

Left: 481.545+/-377.006 χ^2/NDF : 13.0/9

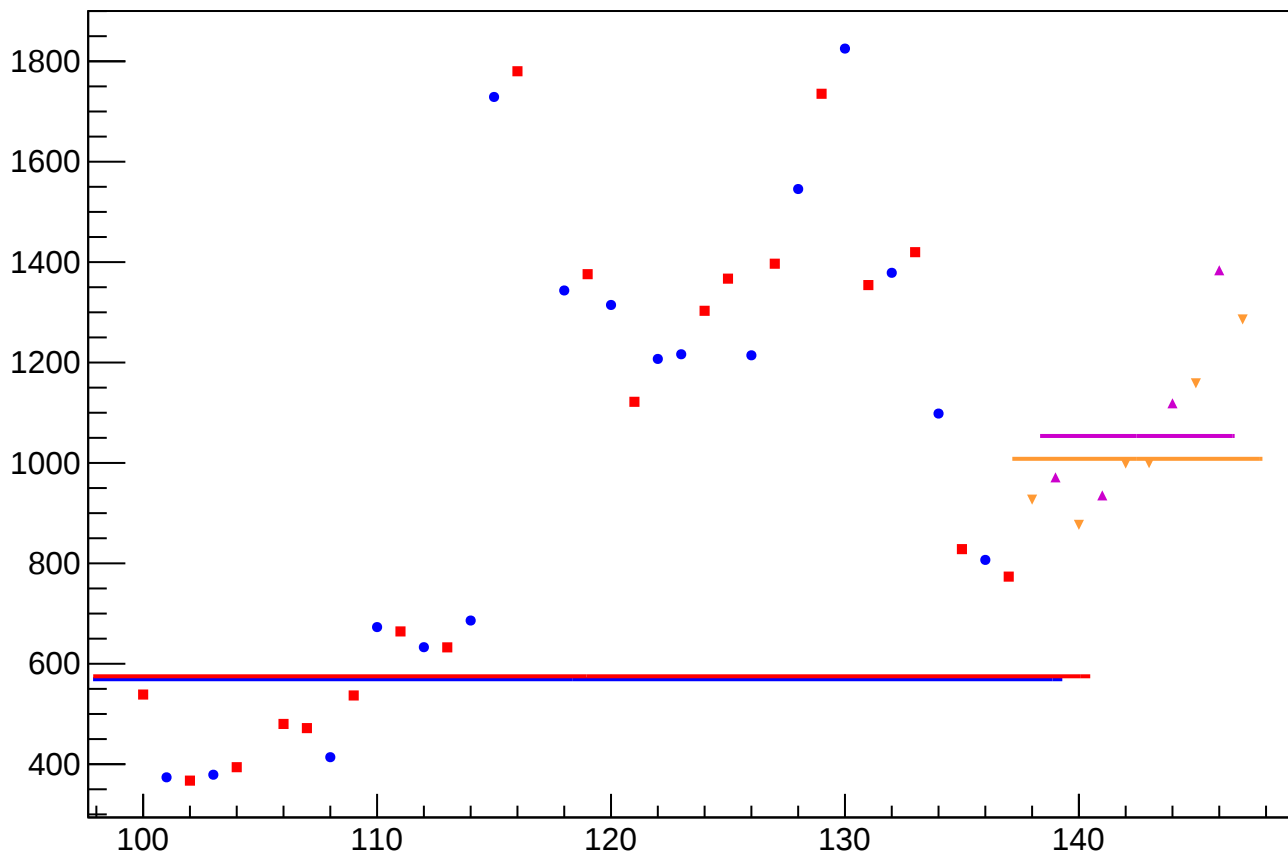
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 357.075+/-232.141 χ^2/NDF : 19.4/20

Out: 92.983+/-218.607 χ^2/NDF : 26.6/24

All: 217.106+/-159.148 χ^2/NDF : 46.7/45

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1008.229 $\pm$ 0.348 χ^2 /NDF:145459.2/5

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1053.729 $\pm$ 0.414 χ^2 /NDF:135958.9/3

Left: 1027.057 $\pm$ 0.267 χ^2 /NDF: 288484.5/9

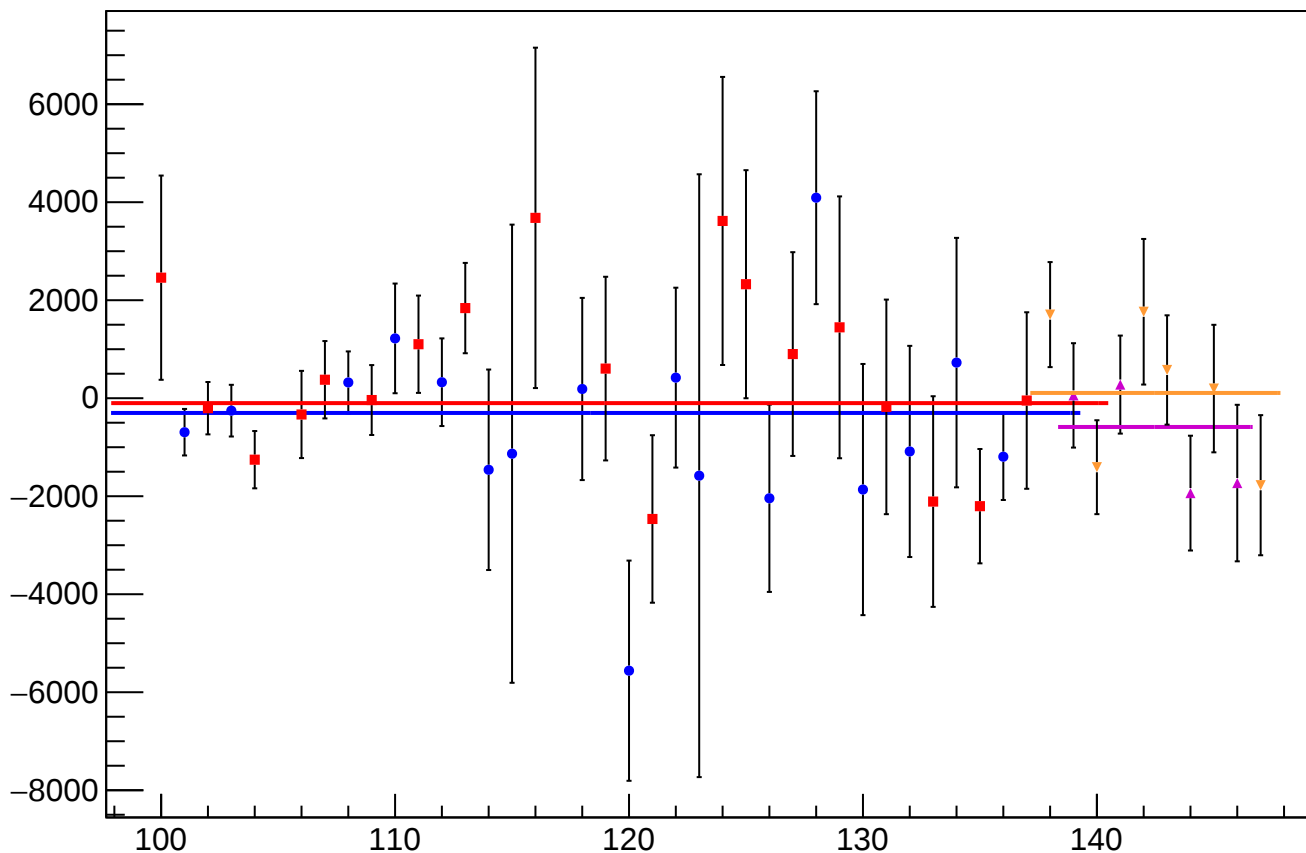
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 645.217 $\pm$ 0.164 χ^2 /NDF:4555517.6/20

Out: 660.429 $\pm$ 0.155 χ^2 /NDF:4447114.2/24

All: 653.280 $\pm$ 0.113 χ^2 /NDF: 9007183.3/45

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 107.703 ± 482.439 $\chi^2/\text{NDF}: 7.9/5$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -586.723 ± 577.170 $\chi^2/\text{NDF}: 3.0/3$

Left: -177.919 ± 370.158 $\chi^2/\text{NDF}: 11.7/9$

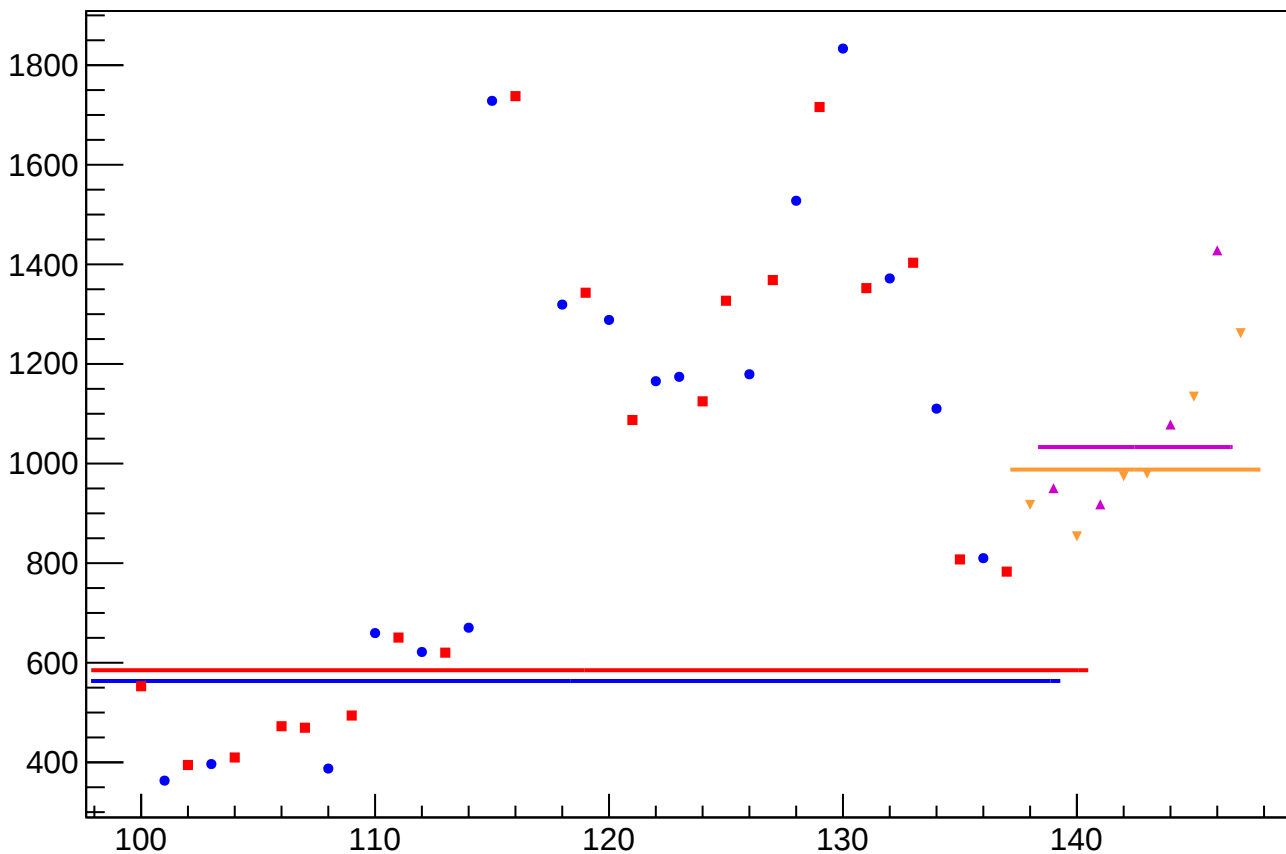
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -345.937 ± 229.638 $\chi^2/\text{NDF}: 19.9/20$

Out: -57.108 ± 219.126 $\chi^2/\text{NDF}: 30.4/24$

All: -194.761 ± 158.531 $\chi^2/\text{NDF}: 51.1/45$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 987.884+/-0.341 χ^2/NDF : 146952.7/5

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1033.180+/-0.408 χ^2/NDF : 163818.7/3

Left: 1006.514+/-0.262 χ^2/NDF : 318023.0/9

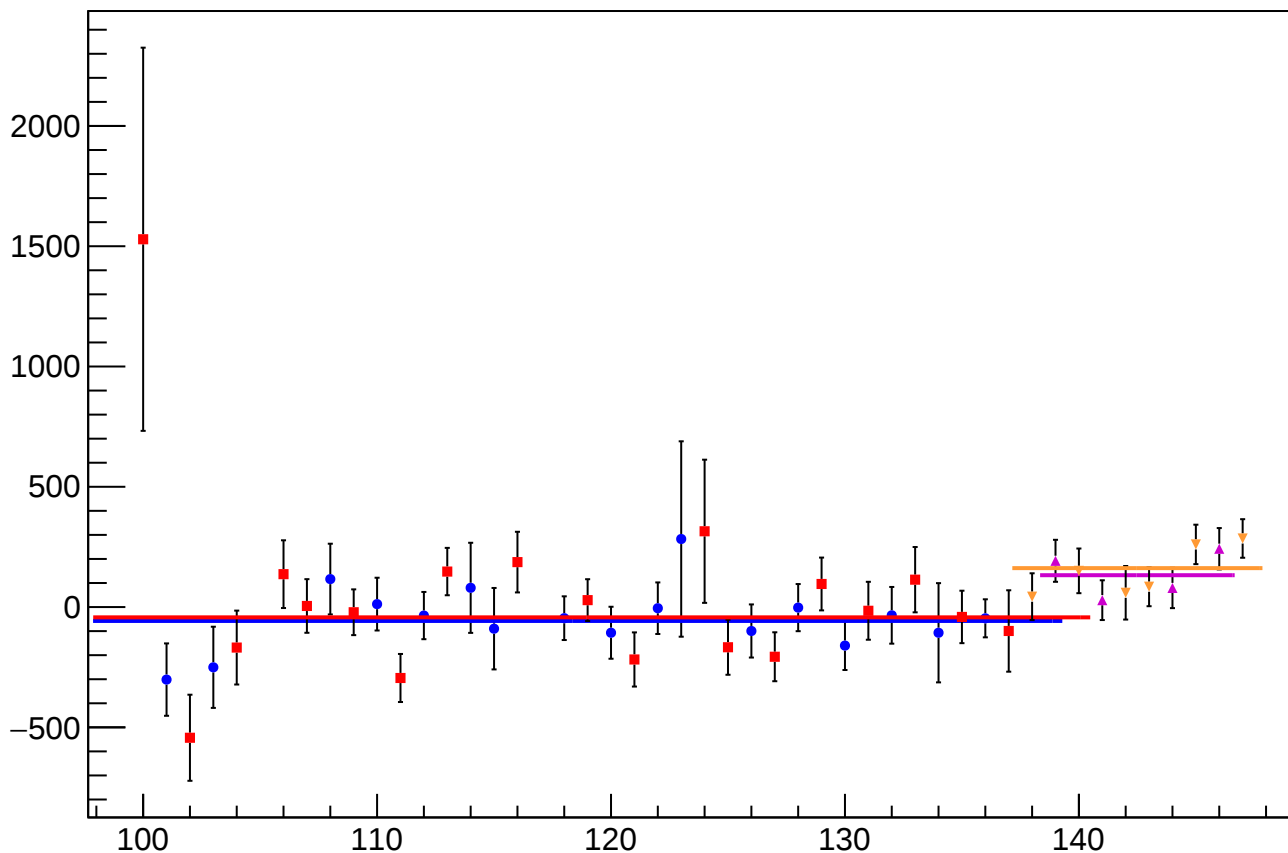
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 637.760+/-0.162 χ^2/NDF : 4538136.1/20

Out: 668.102+/-0.155 χ^2/NDF : 4072704.0/24

All: 653.642+/-0.112 χ^2/NDF : 8629116.3/45

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 161.826 $\pm$ 36.302 χ^2 /NDF: 7.1/5

Right Out: -42.790 $\pm$ 27.694 χ^2 /NDF: 39.1/18

Left In: 132.460 $\pm$ 42.453 χ^2 /NDF: 4.1/3

Left: 149.423 $\pm$ 27.590 χ^2 /NDF: 11.4/9

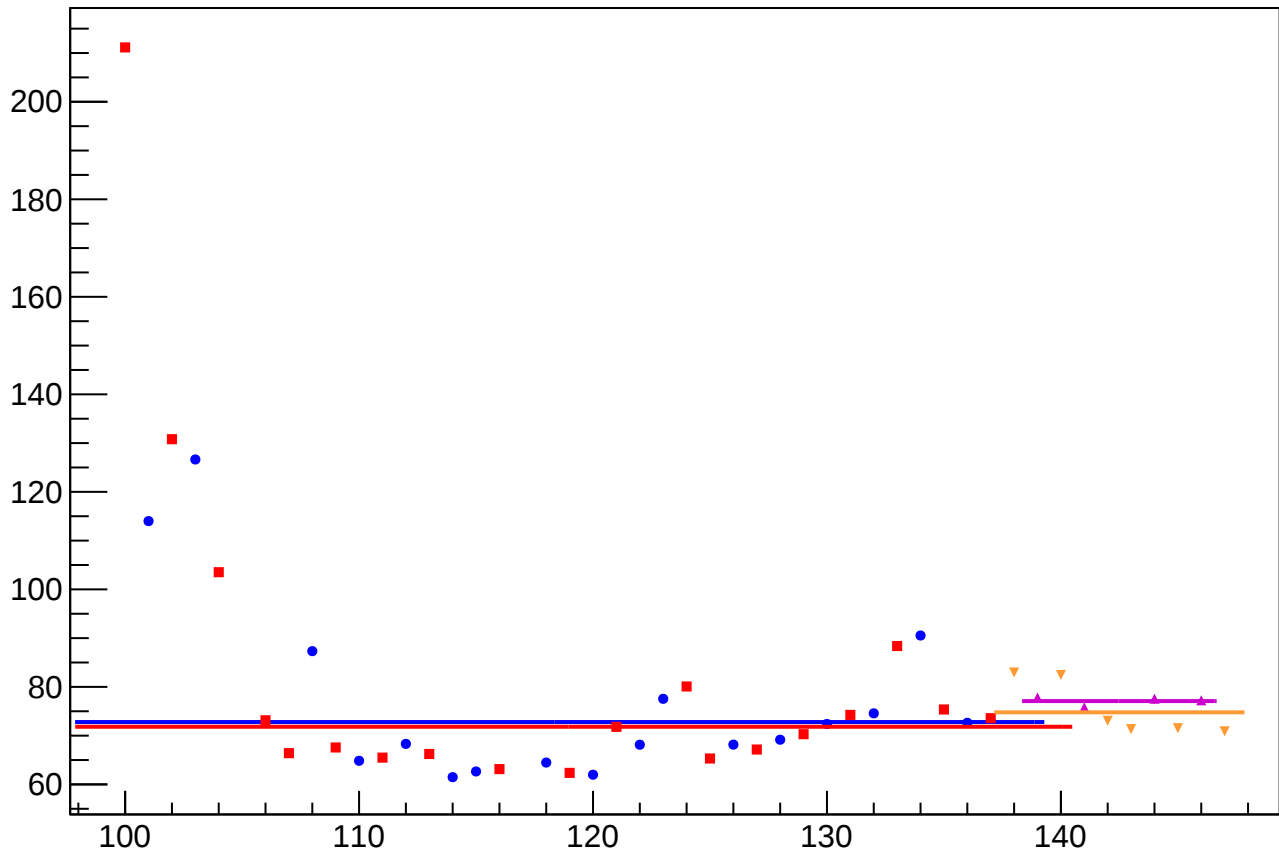
Right: -49.985 $\pm$ 19.927 χ^2 /NDF: 48.4/35

In: 1.923 $\pm$ 23.773 χ^2 /NDF: 27.0/20

Out: 32.487 $\pm$ 22.018 χ^2 /NDF: 66.2/24

All: 18.374 $\pm$ 16.154 χ^2 /NDF: 94.1/45

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 74.781 ± 0.026 $\chi^2/\text{NDF}: 39735.5/5$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 77.090 ± 0.030 $\chi^2/\text{NDF}: 694.7/3$

Left: 75.756 ± 0.020 $\chi^2/\text{NDF}: 43849.0/9$

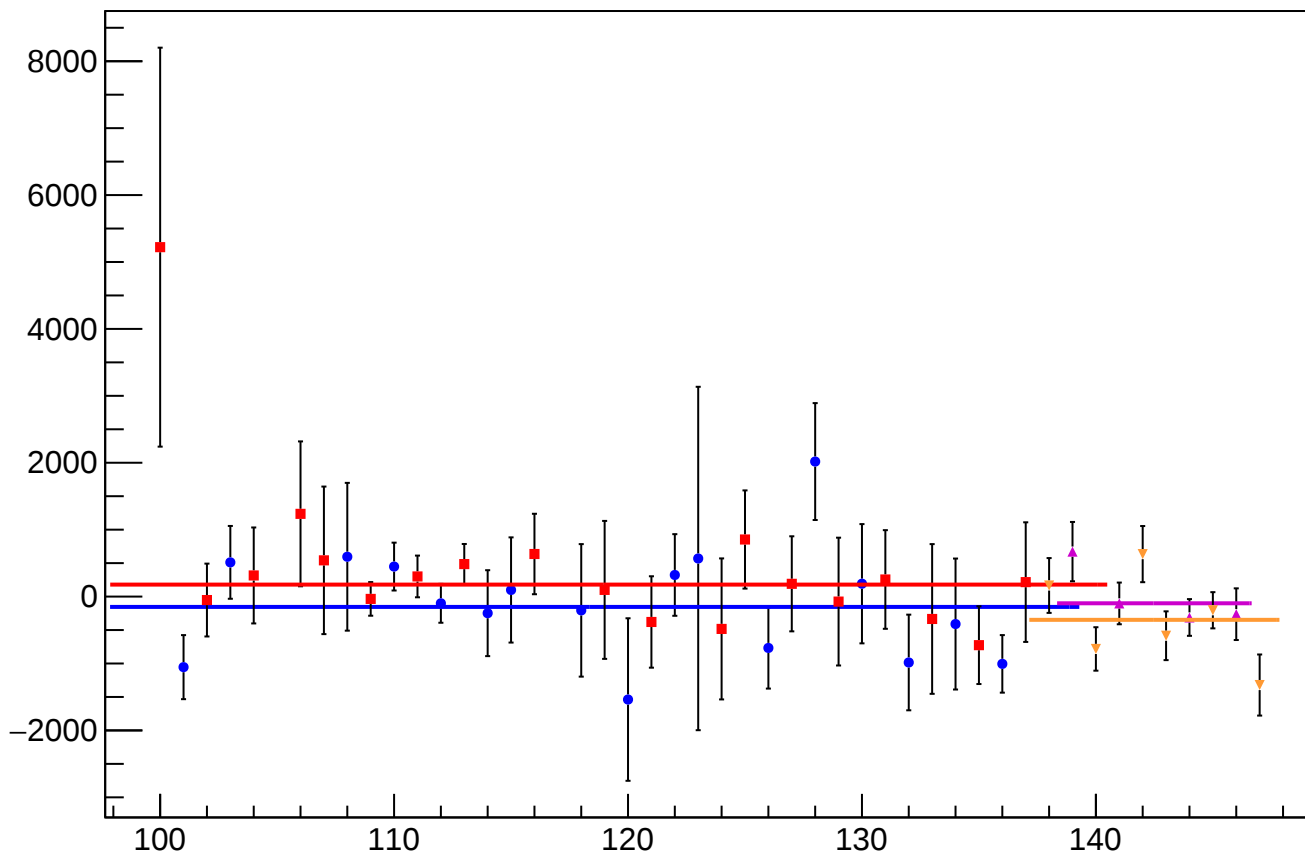
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 74.138 ± 0.017 $\chi^2/\text{NDF}: 479554.3/20$

Out: 72.912 ± 0.016 $\chi^2/\text{NDF}: 513777.2/24$

All: 73.478 ± 0.011 $\chi^2/\text{NDF}: 996197.4/45$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -347.471 $\pm$ 145.674 χ^2 /NDF:14.1/5

Right Out: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

Left In: -100.215 $\pm$ 168.122 χ^2 /NDF:3.8/3

Left: -241.441 $\pm$ 110.094 χ^2 /NDF: 19.2/9

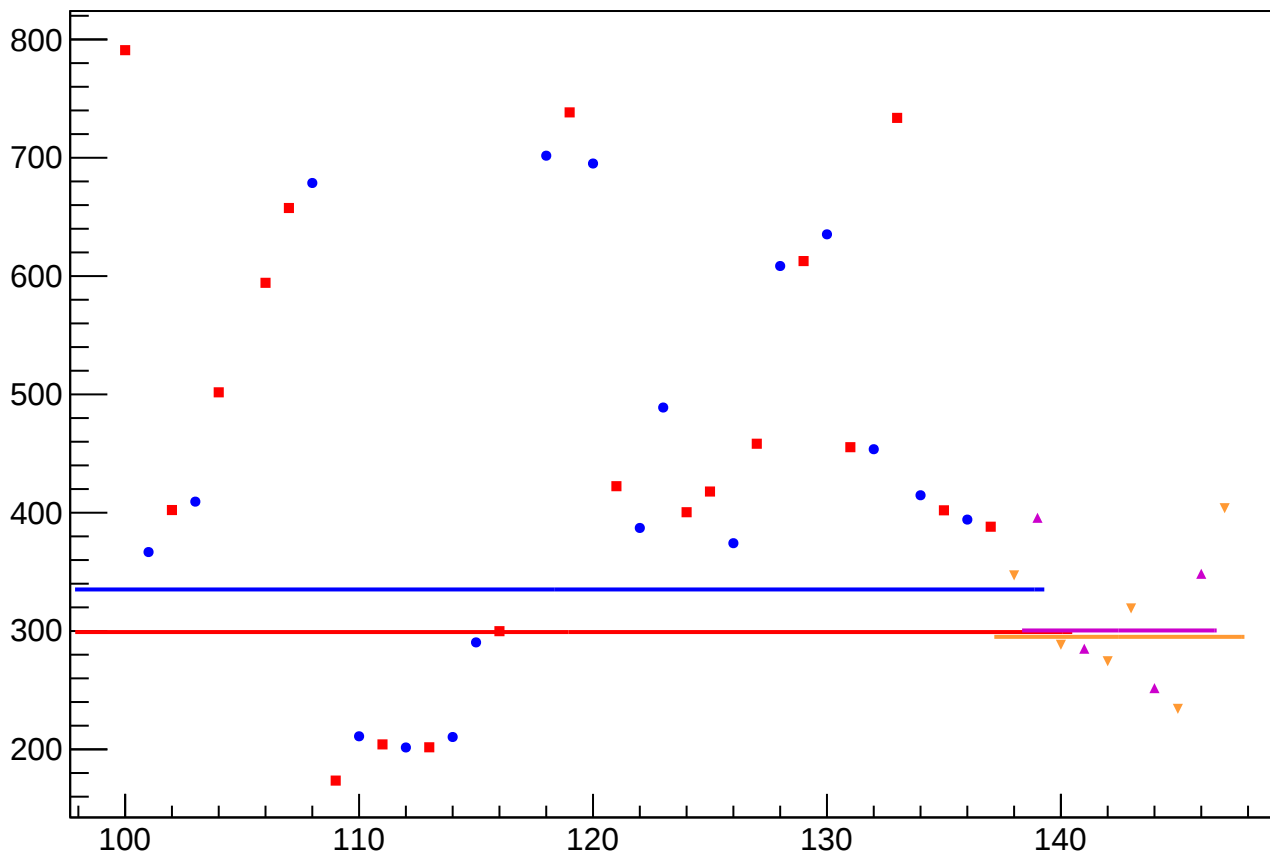
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -132.083 $\pm$ 107.900 χ^2 /NDF:27.0/20

Out: -46.490 $\pm$ 95.344 χ^2 /NDF:32.8/24

All: -84.019 $\pm$ 71.447 χ^2 /NDF: 60.3/45

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 295.085+/-0.103 χ^2/NDF : 261243.2/5

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 300.479+/-0.119 χ^2/NDF : 191101.9/3

Left: 297.398+/-0.078 χ^2/NDF : 453521.1/9

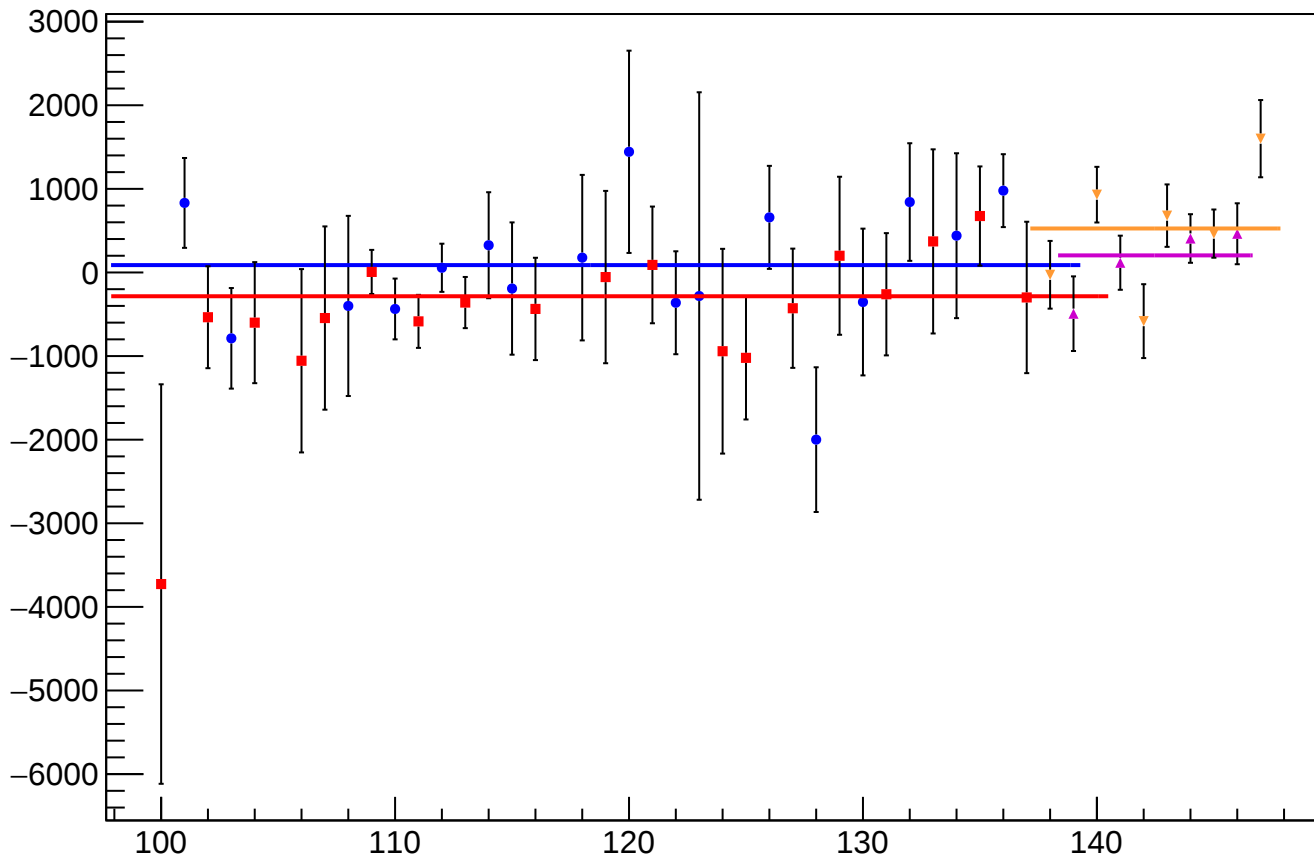
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 320.860+/-0.076 χ^2/NDF : 2235123.1/20

Out: 297.400+/-0.067 χ^2/NDF : 3093216.7/24

All: 307.686+/-0.051 χ^2/NDF : 5381430.0/45

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 χ^2/NDF : 20.8/16

Left Out: 526.047 ± 150.519 χ^2/NDF : 15.3/5

Right Out: -284.510 ± 129.675 χ^2/NDF : 10.1/18

Left In: 204.294 ± 171.670 χ^2/NDF : 3.5/3

Left: 386.202 ± 113.176 χ^2/NDF : 20.8/9

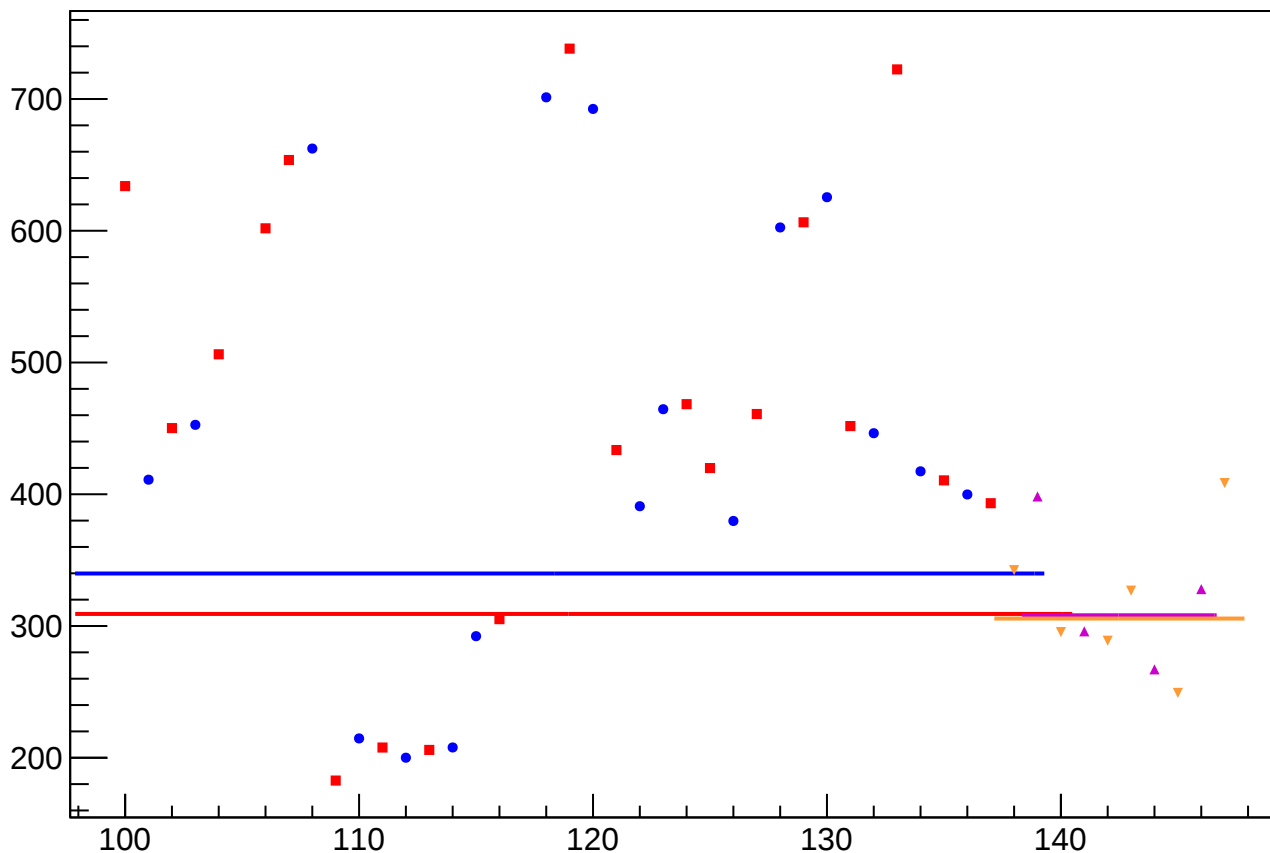
Right: -116.387 ± 96.066 χ^2/NDF : 34.7/35

In: 135.714 ± 109.882 χ^2/NDF : 24.6/20

Out: 60.802 ± 98.244 χ^2/NDF : 42.0/24

All: 94.082 ± 73.239 χ^2/NDF : 66.9/45

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 305.667 +/- 0.106 χ^2/NDF : 203459.5/5

Right Out: 309.158 +/- 0.092 χ^2/NDF : 2735887.4/18

Left In: 308.143 +/- 0.121 χ^2/NDF : 130345.2/3

Left: 306.743 +/- 0.080 χ^2/NDF : 334040.0/9

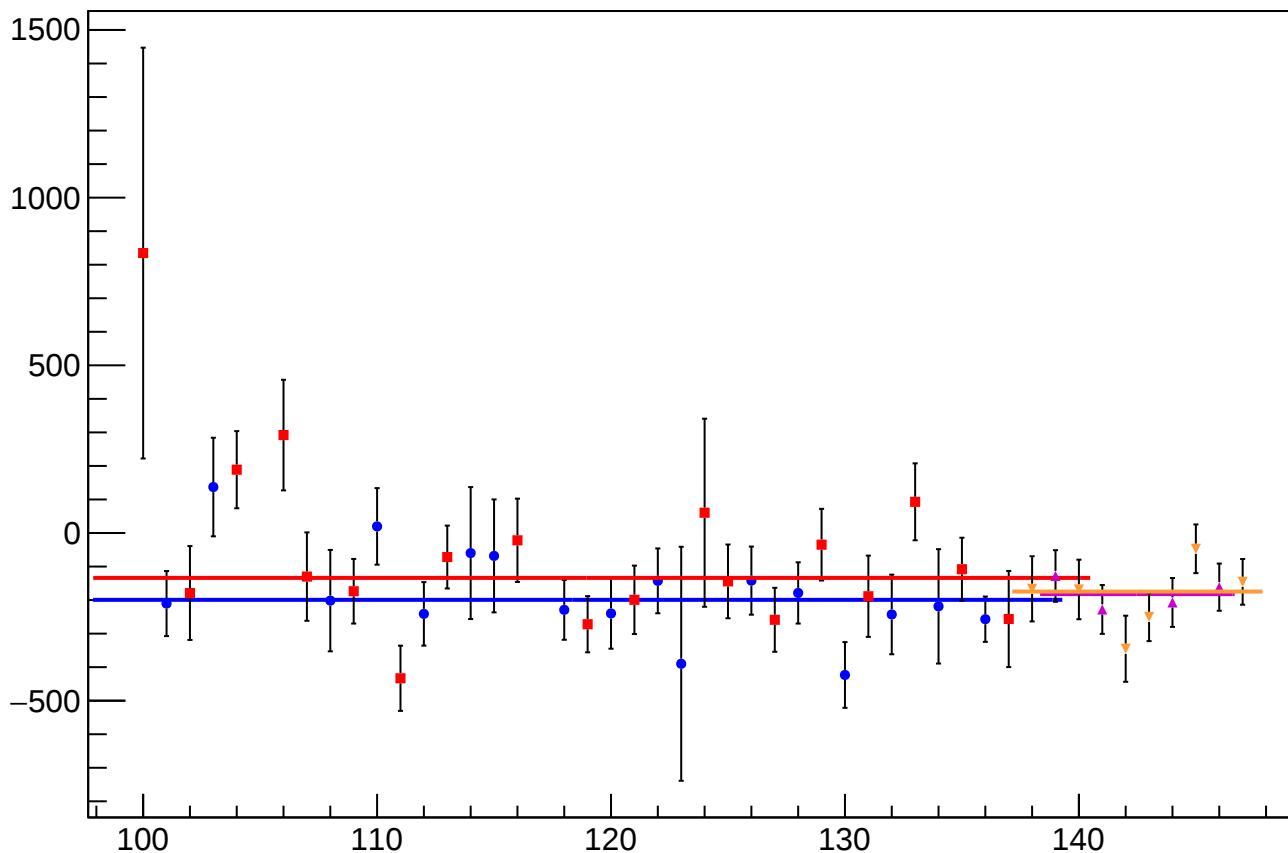
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 326.860 +/- 0.078 χ^2/NDF : 2214140.1/20

Out: 307.671 +/- 0.069 χ^2/NDF : 2939964.7/24

All: 316.196 +/- 0.052 χ^2/NDF : 5188000.5/45

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -174.561 ± 32.738 $\chi^2/\text{NDF}: 7.4/5$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -182.161 ± 36.555 $\chi^2/\text{NDF}: 1.1/3$

Left: -177.944 ± 24.388 $\chi^2/\text{NDF}: 8.5/9$

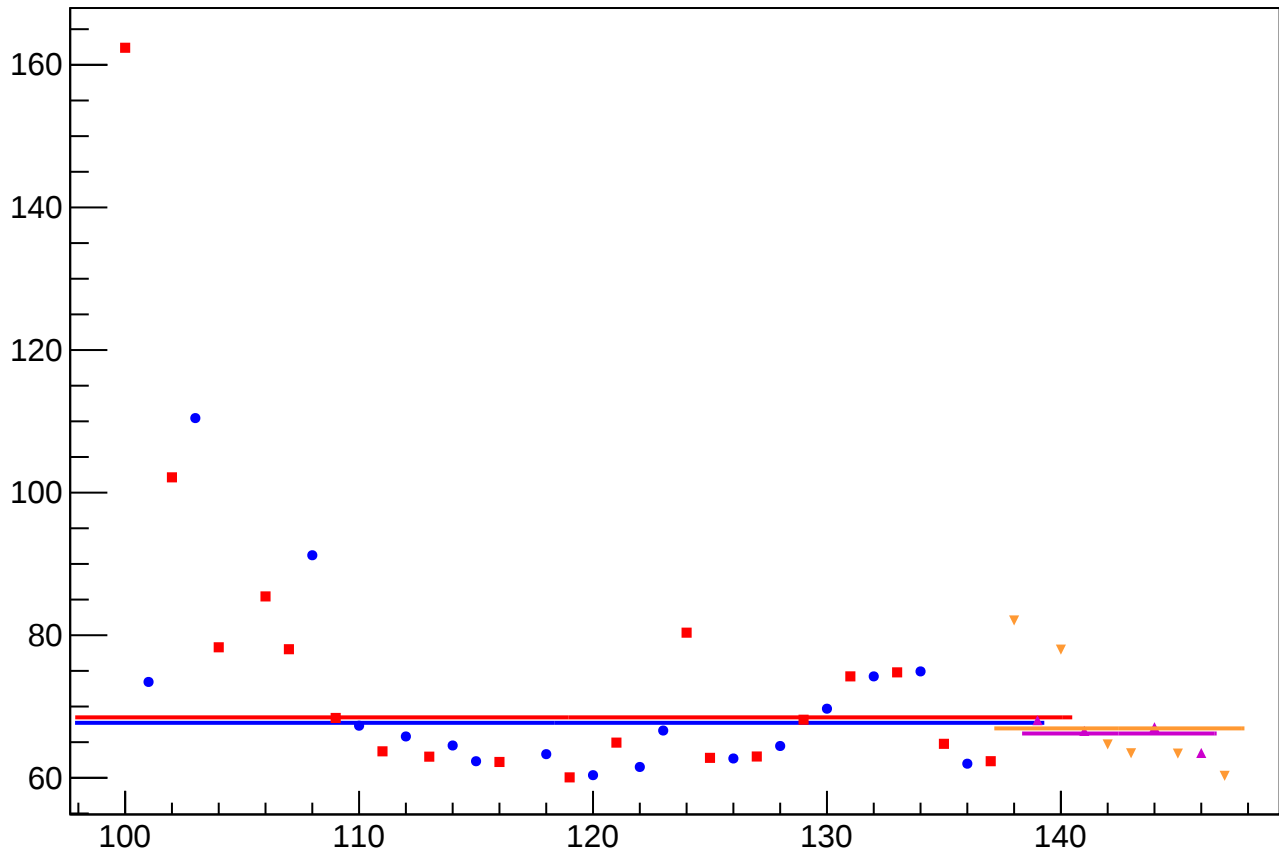
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -193.360 ± 21.463 $\chi^2/\text{NDF}: 18.8/20$

Out: -149.761 ± 20.469 $\chi^2/\text{NDF}: 47.5/24$

All: -170.528 ± 14.813 $\chi^2/\text{NDF}: 68.5/45$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 66.933 $\pm$ 0.023 χ^2/NDF : 109083.6/5

Right Out: 68.481 $\pm$ 0.019 χ^2/NDF : 281423.4/18

Left In: 66.218 $\pm$ 0.026 χ^2/NDF : 4533.3/3

Left: 66.615 $\pm$ 0.017 χ^2/NDF : 114041.5/9

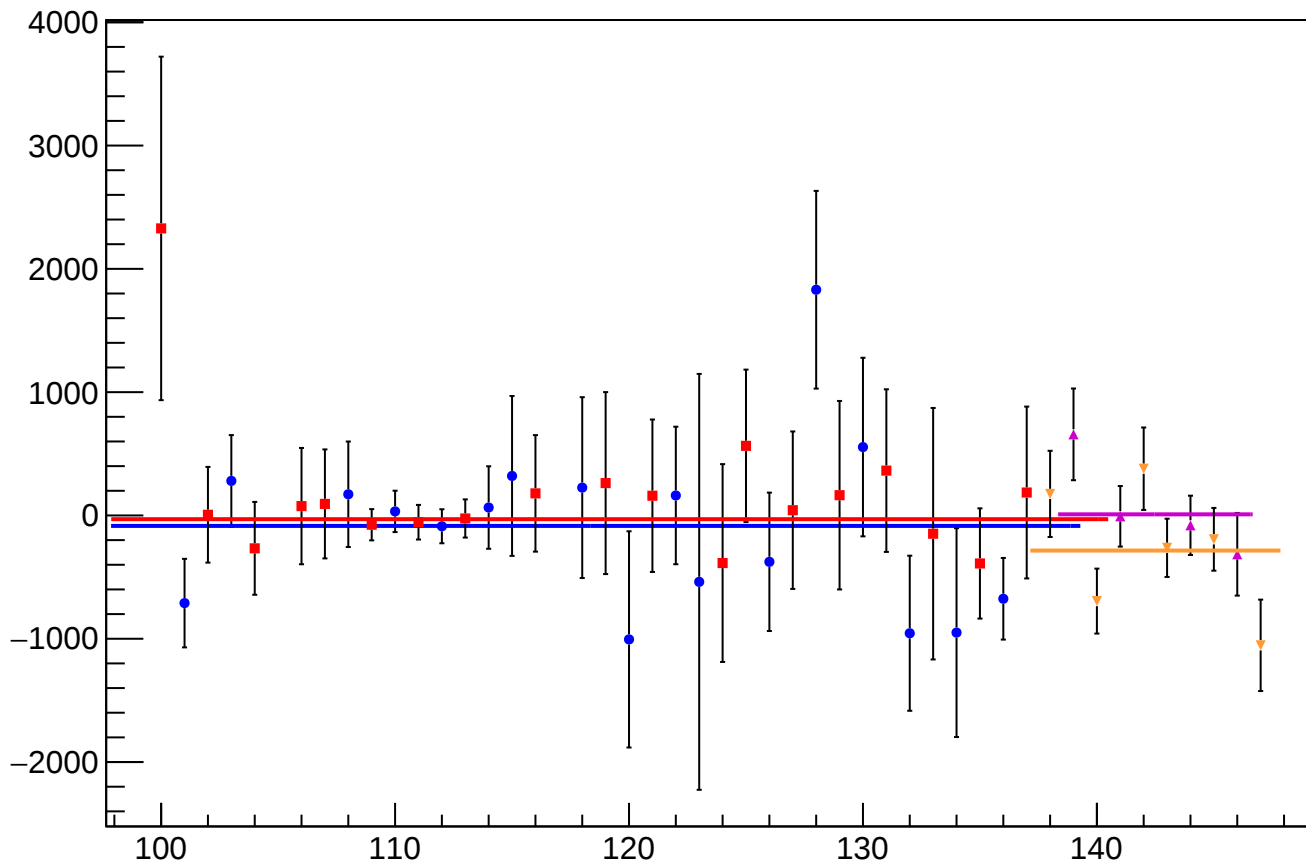
Right: 68.102 $\pm$ 0.013 χ^2/NDF : 565158.7/35

In: 67.199 $\pm$ 0.015 χ^2/NDF : 289623.3/20

Out: 67.876 $\pm$ 0.014 χ^2/NDF : 393228.7/24

All: 67.554 $\pm$ 0.010 χ^2/NDF : 683893.2/45

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759+/-82.667 χ^2/NDF : 19.9/16

Left Out: -284.614+/-117.696 χ^2/NDF :12.5/5

Right Out: -30.219+/-69.663 χ^2/NDF : 6.3/18

Left In: 9.028+/-141.397 χ^2/NDF :4.1/3

Left: -164.432+/-90.459 χ^2/NDF : 19.2/9

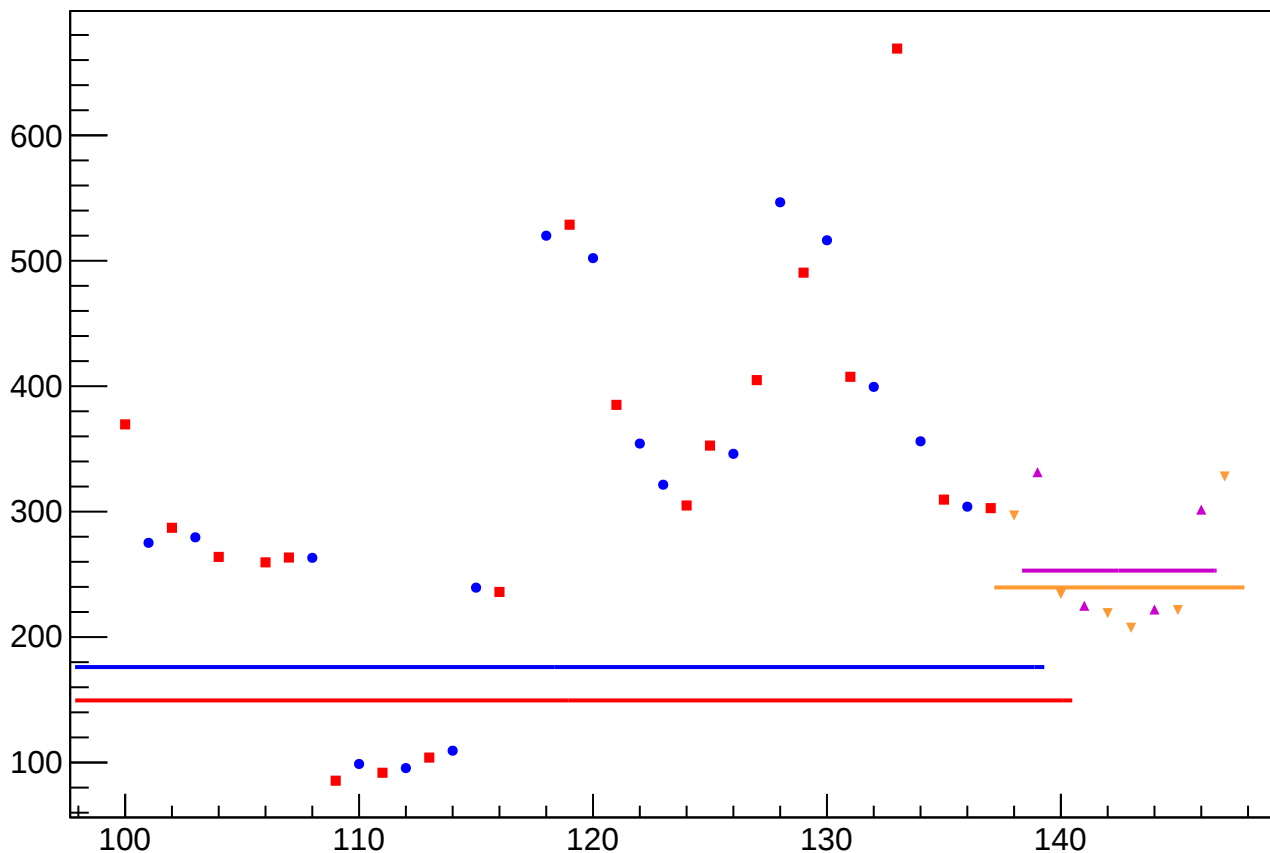
Right: -52.867+/-53.271 χ^2/NDF : 26.5/35

In: -60.868+/-71.366 χ^2/NDF :24.3/20

Out: -96.219+/-59.949 χ^2/NDF :22.3/24

All: -81.594+/-45.903 χ^2/NDF : 46.8/45

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 239.566+/-0.083 χ^2/NDF :223098.7/5

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 252.988+/-0.100 χ^2/NDF :190455.2/3

Left: 245.059+/-0.064 χ^2/NDF : 424199.6/9

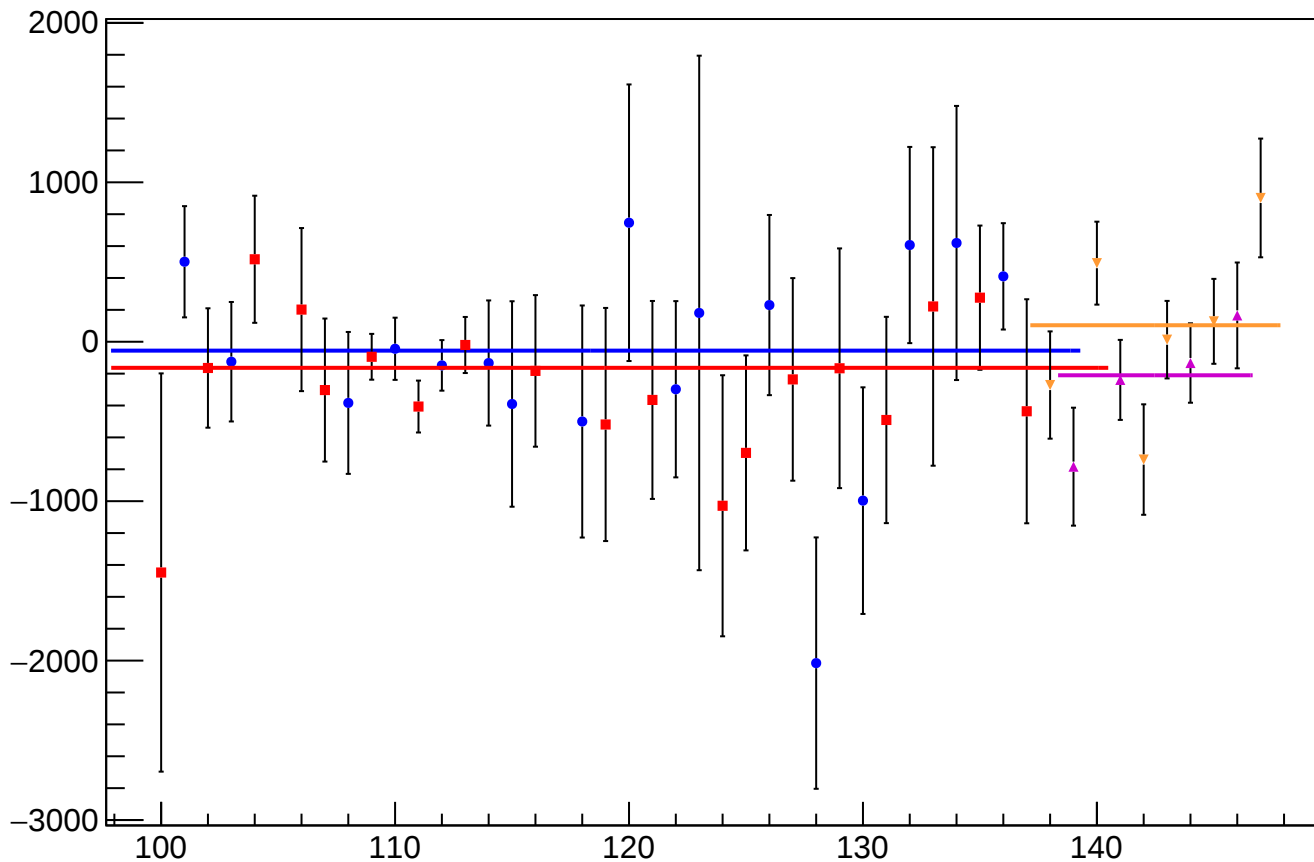
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 195.684+/-0.050 χ^2/NDF :4854877.8/20

Out: 172.854+/-0.042 χ^2/NDF :5911712.9/24

All: 182.299+/-0.032 χ^2/NDF : 10886580.5/45

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 103.495 ± 119.383 $\chi^2/\text{NDF}: 14.1/5$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -210.343 ± 143.768 $\chi^2/\text{NDF}: 3.8/3$

Left: -24.590 ± 91.846 $\chi^2/\text{NDF}: 20.8/9$

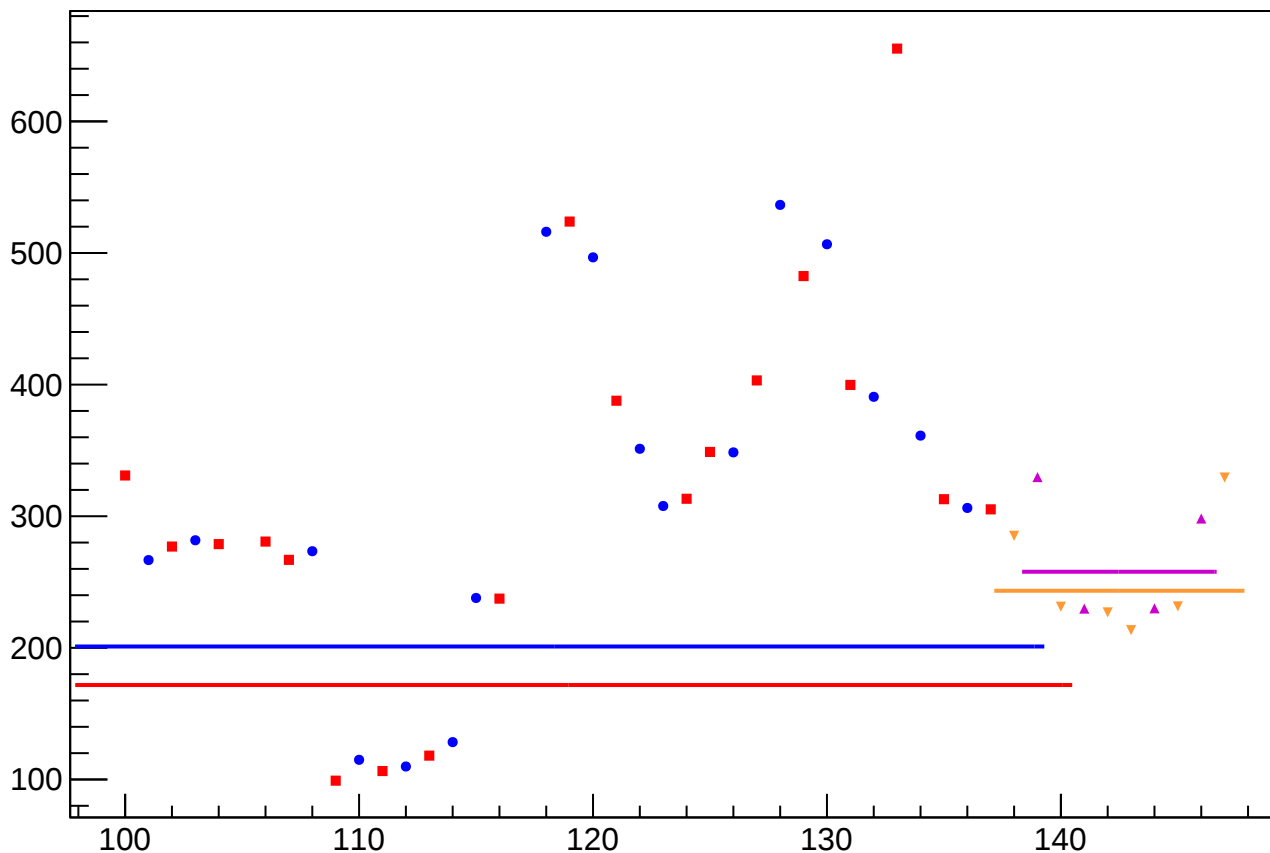
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -99.654 ± 76.633 $\chi^2/\text{NDF}: 21.8/20$

Out: -85.213 ± 64.664 $\chi^2/\text{NDF}: 29.1/24$

All: -91.219 ± 49.421 $\chi^2/\text{NDF}: 50.9/45$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 243.379 $\pm$ 0.084 χ^2/NDF :180657.0/5

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 257.825 $\pm$ 0.102 χ^2/NDF :155083.3/3

Left: 249.275 $\pm$ 0.065 χ^2/NDF : 347691.6/9

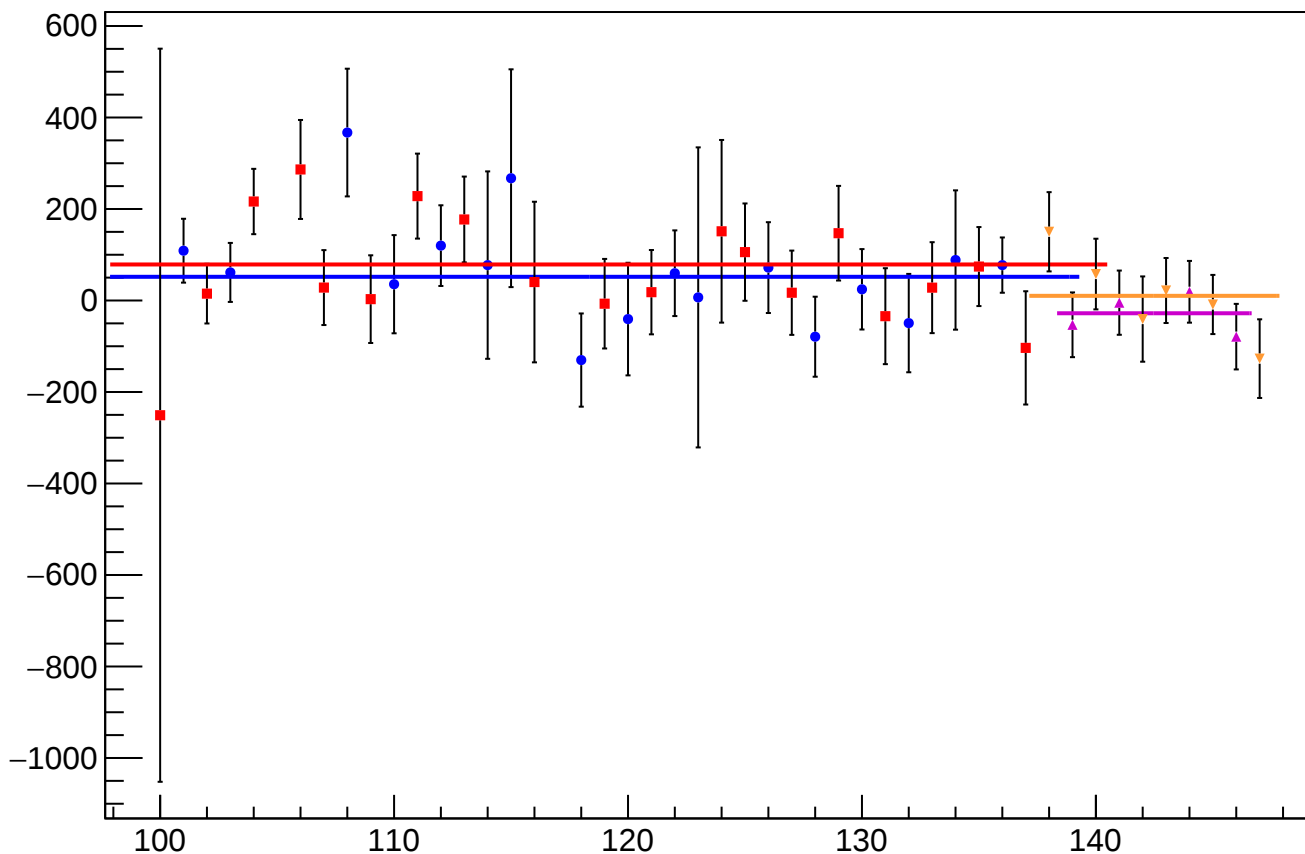
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 217.171 $\pm$ 0.054 χ^2/NDF :3811500.1/20

Out: 192.776 $\pm$ 0.046 χ^2/NDF :4787408.8/24

All: 202.922 $\pm$ 0.035 χ^2/NDF : 8717297.0/45

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799+/-23.538 χ^2/NDF : 14.5/16

Left Out: 10.204+/-31.805 χ^2/NDF : 6.0/5

Right Out: 78.749+/-22.490 χ^2/NDF : 19.1/18

Left In: -27.899+/-34.984 χ^2/NDF : 1.2/3

Left: -7.038+/-23.533 χ^2/NDF : 7.8/9

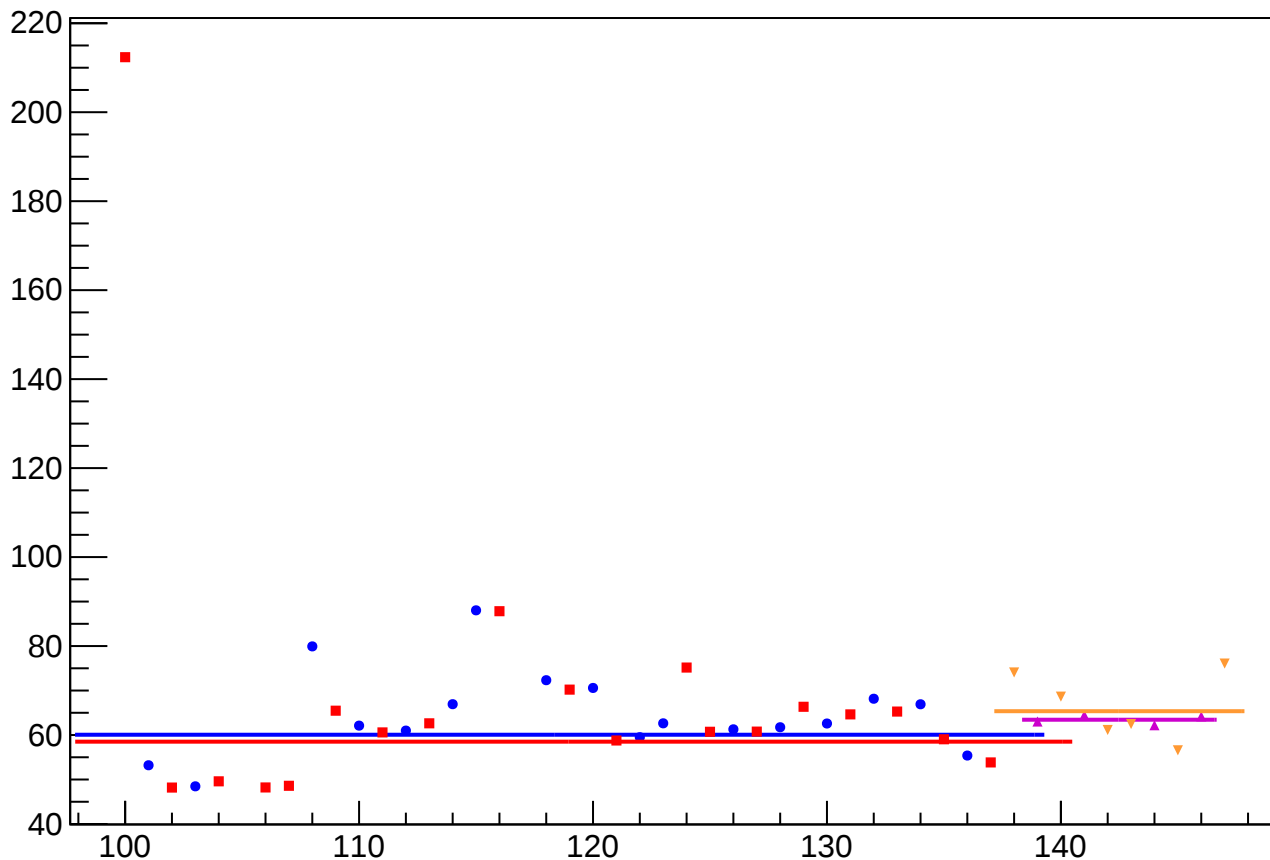
Right: 65.887+/-16.261 χ^2/NDF : 34.4/35

In: 26.964+/-19.529 χ^2/NDF : 19.3/20

Out: 55.899+/-18.363 χ^2/NDF : 28.2/24

All: 42.321+/-13.378 χ^2/NDF : 48.7/45

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.356 $\pm$ 0.022 χ^2 /NDF:99192.9/5

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 63.438 $\pm$ 0.025 χ^2 /NDF:1381.8/3

Left: 64.488 $\pm$ 0.017 χ^2 /NDF: 103864.9/9

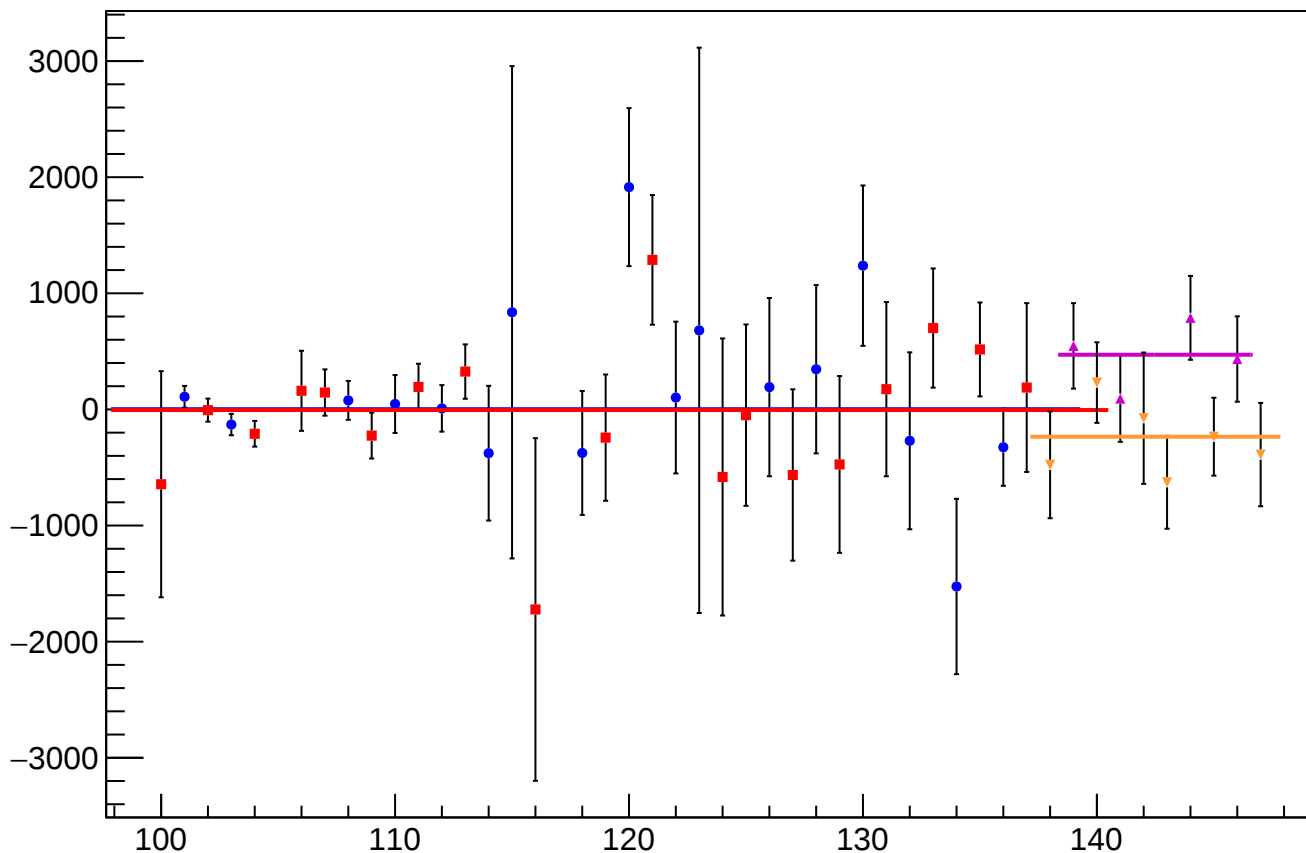
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 61.116 $\pm$ 0.014 χ^2 /NDF:243279.3/20

Out: 60.791 $\pm$ 0.013 χ^2 /NDF:509823.7/24

All: 60.944 $\pm$ 0.009 χ^2 /NDF: 753397.9/45

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -235.234 ± 165.818 $\chi^2/\text{NDF}: 3.2/5$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 470.947 ± 183.623 $\chi^2/\text{NDF}: 1.9/3$

Left: 81.967 ± 123.066 $\chi^2/\text{NDF}: 13.3/9$

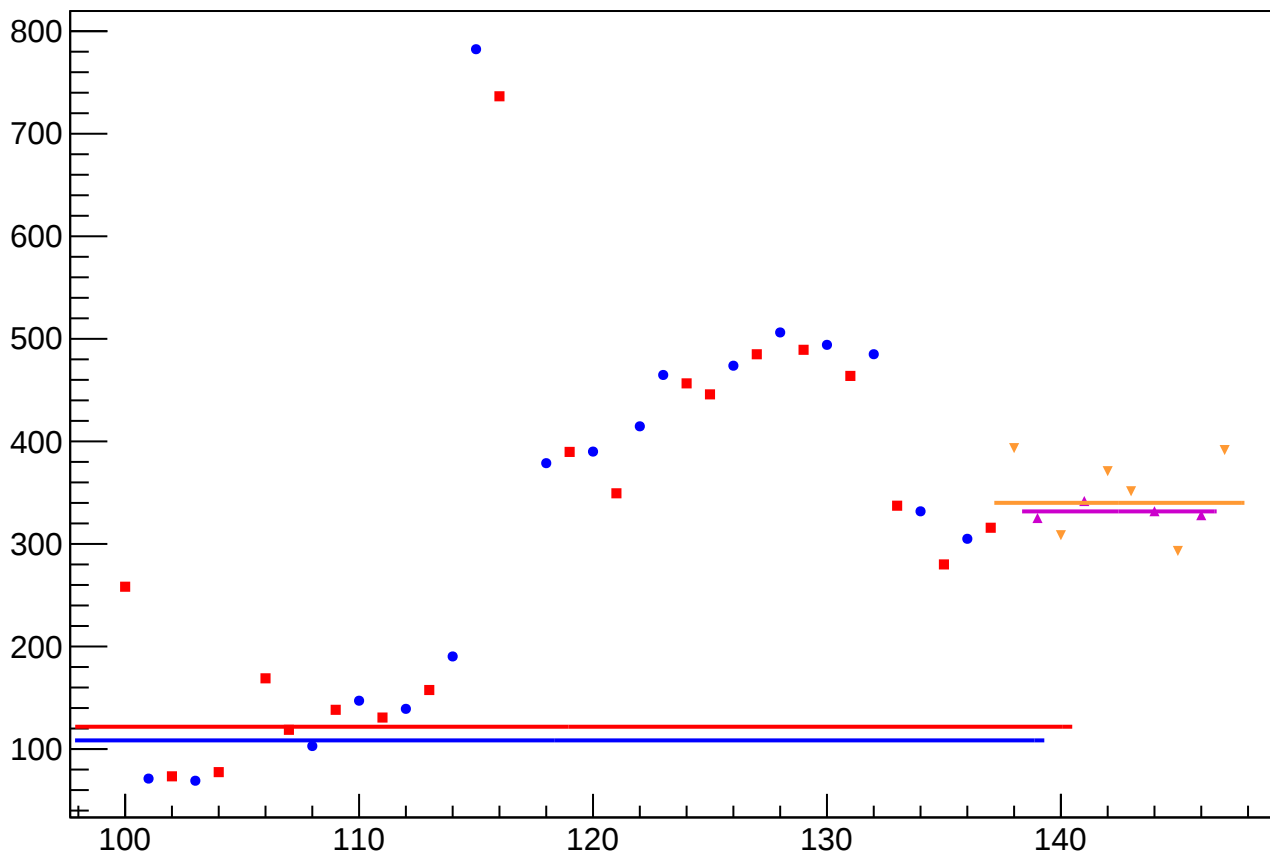
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 39.304 ± 52.057 $\chi^2/\text{NDF}: 29.3/20$

Out: -29.322 ± 53.494 $\chi^2/\text{NDF}: 25.6/24$

All: 5.926 ± 37.308 $\chi^2/\text{NDF}: 55.7/45$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 340.087+/-0.117 χ^2/NDF : 116959.1/5

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 331.725+/-0.130 χ^2/NDF : 2293.3/3

Left: 336.331+/-0.087 χ^2/NDF : 121536.6/9

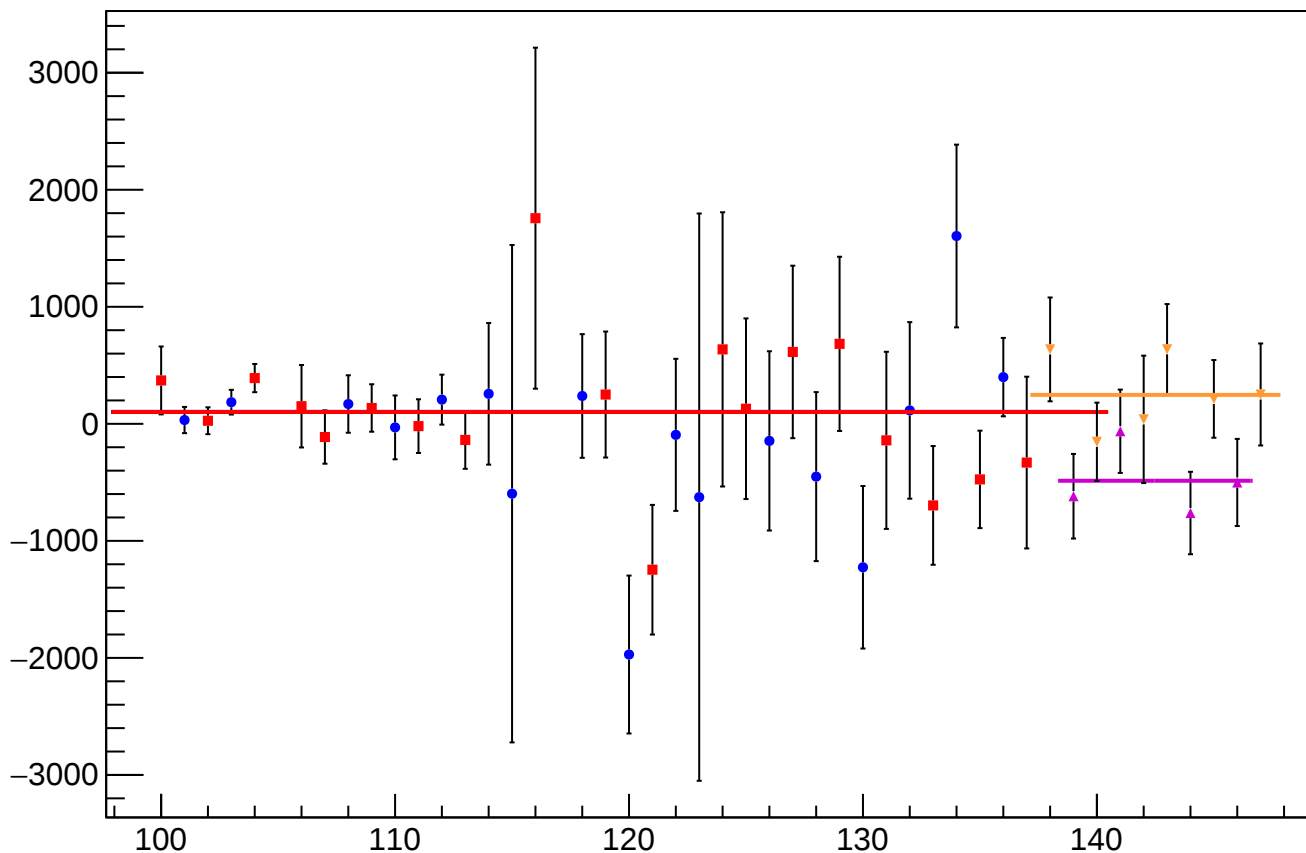
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 126.390+/-0.037 χ^2/NDF : 8125896.2/20

Out: 144.487+/-0.038 χ^2/NDF : 7994203.5/24

All: 135.192+/-0.026 χ^2/NDF : 16237655.1/45

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2/NDF : 20.3/16

Left Out: 247.367 $\pm$ 161.270 χ^2/NDF : 3.4/5

Right Out: 101.249 $\pm$ 60.846 χ^2/NDF : 22.6/18

Left In: -486.351 $\pm$ 180.121 χ^2/NDF : 2.2/3

Left: -79.101 $\pm$ 120.149 χ^2/NDF : 14.8/9

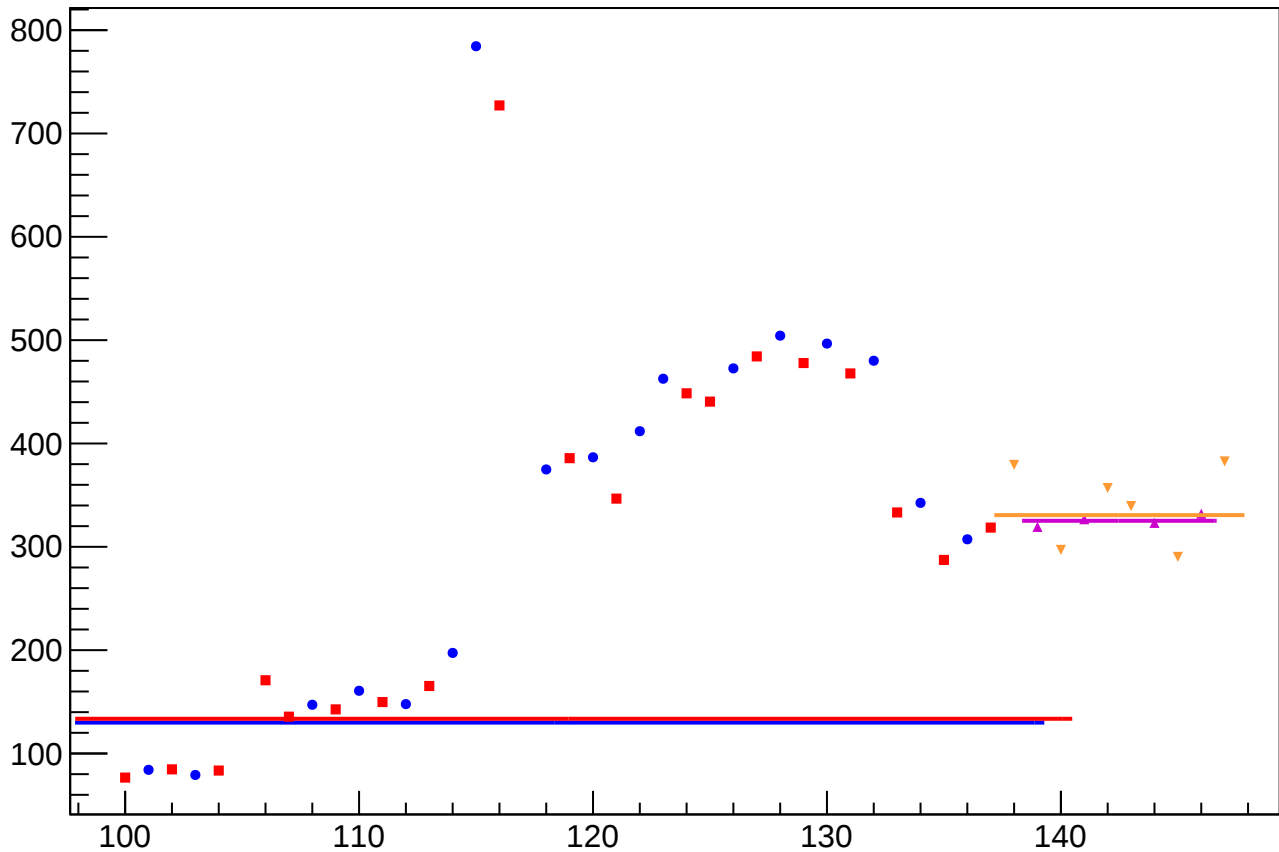
Right: 101.717 $\pm$ 43.809 χ^2/NDF : 42.9/35

In: 37.835 $\pm$ 59.575 χ^2/NDF : 31.9/20

Out: 119.456 $\pm$ 56.929 χ^2/NDF : 26.7/24

All: 80.498 $\pm$ 41.158 χ^2/NDF : 59.7/45

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 330.667+/-0.114 χ^2/NDF : 107998.8/5

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 325.188+/-0.127 χ^2/NDF : 1299.8/3

Left: 328.229+/-0.085 χ^2/NDF : 110325.8/9

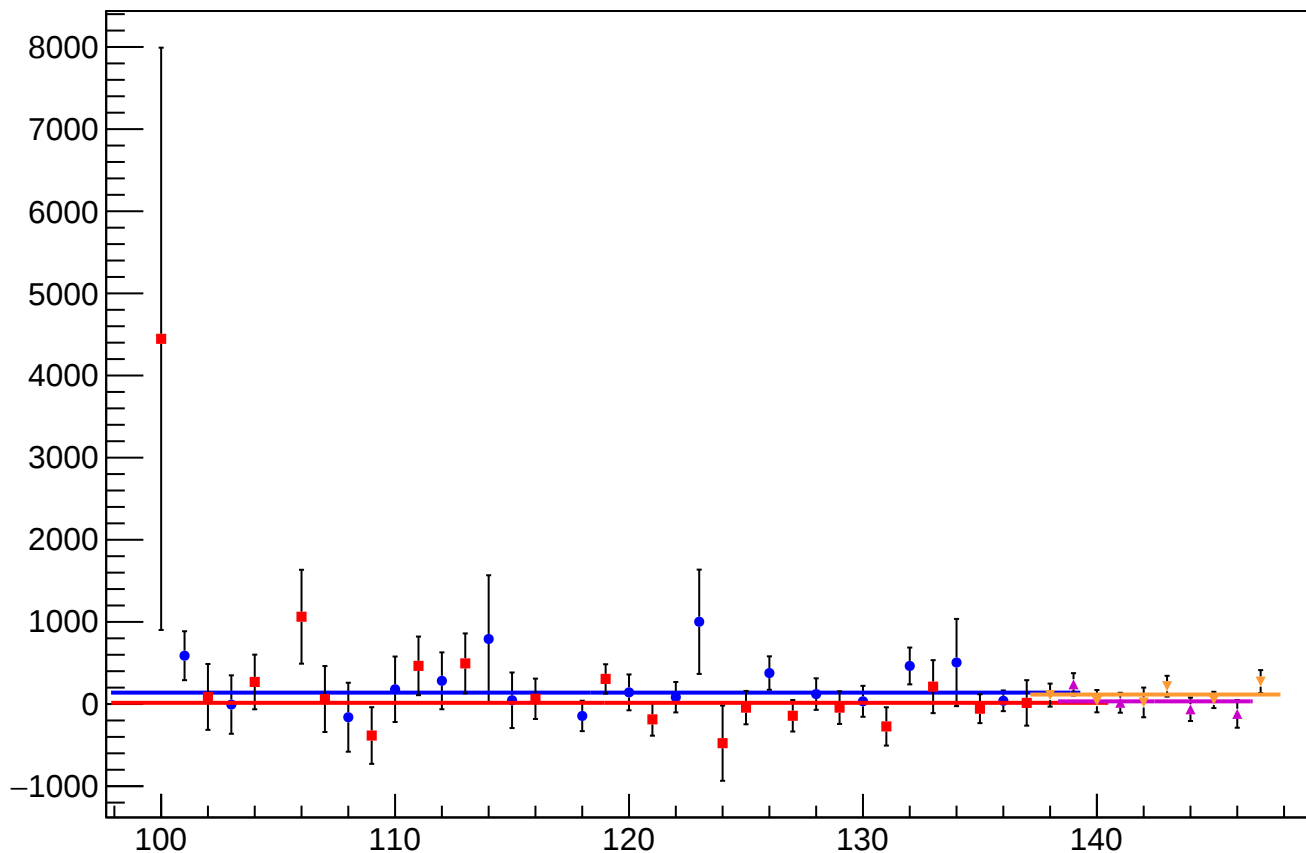
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 151.249+/-0.042 χ^2/NDF : 6924971.8/20

Out: 158.160+/-0.040 χ^2/NDF : 7085530.6/24

All: 154.862+/-0.029 χ^2/NDF : 14024572.8/45

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: 116.004 $\pm$ 53.320 χ^2 /NDF:3.0/5

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 32.767 $\pm$ 69.678 χ^2 /NDF:3.6/3

Left: 85.263 $\pm$ 42.344 χ^2 /NDF: 7.5/9

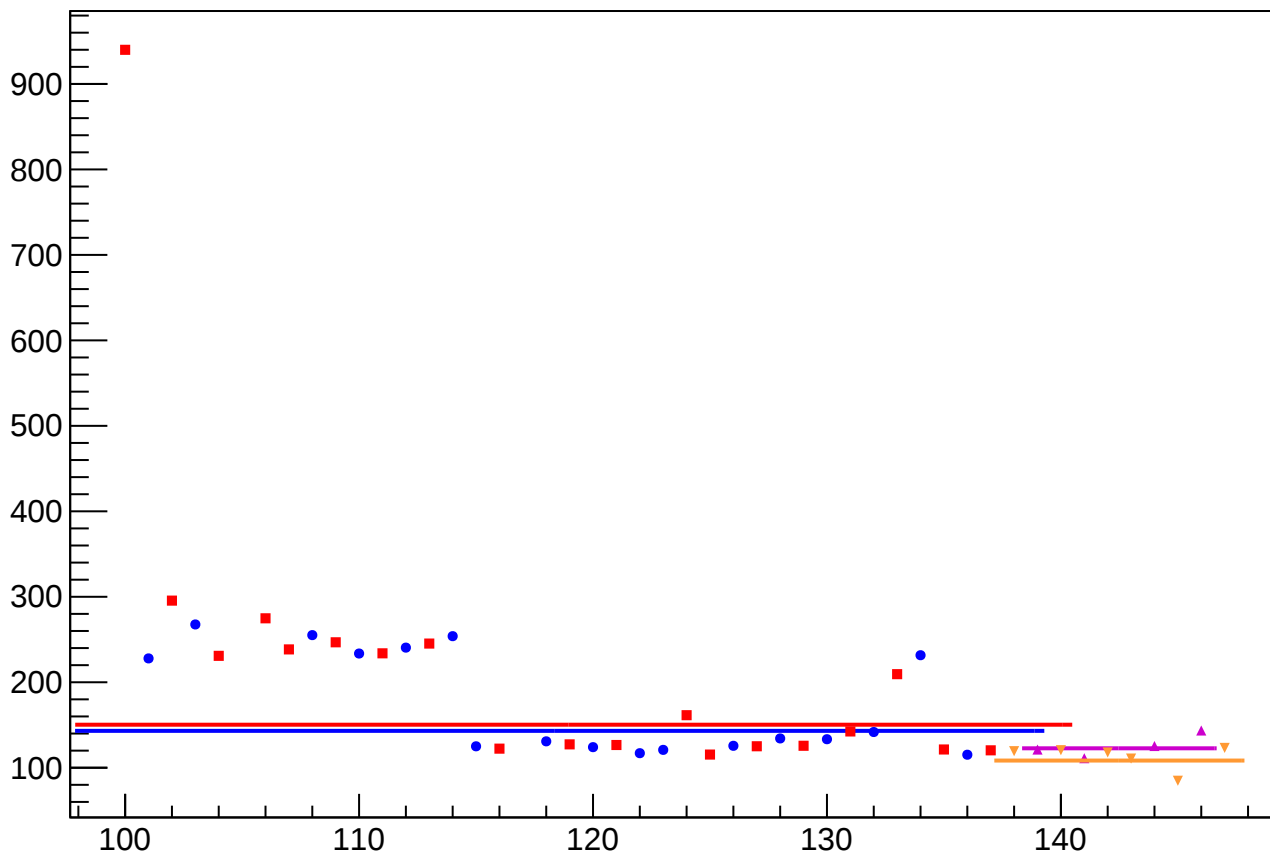
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 95.590 $\pm$ 44.569 χ^2 /NDF:18.1/20

Out: 71.495 $\pm$ 39.891 χ^2 /NDF:22.6/24

All: 82.212 $\pm$ 29.724 χ^2 /NDF: 40.8/45

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 108.401 $\pm$ 0.038 χ^2 /NDF: 170816.3/5

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 122.724 $\pm$ 0.049 χ^2 /NDF: 49613.2/3

Left: 113.691 $\pm$ 0.030 χ^2 /NDF: 273730.4/9

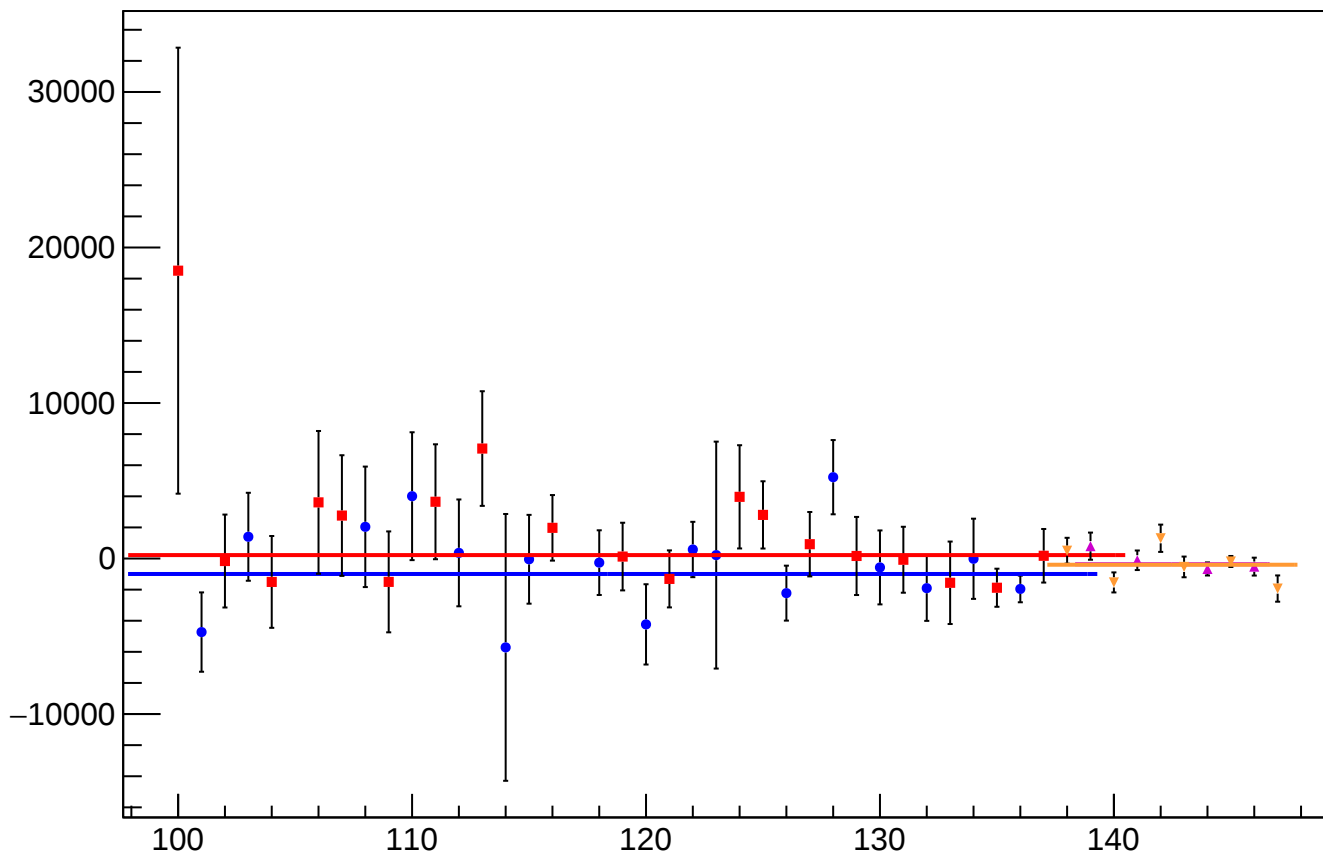
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 134.787 $\pm$ 0.032 χ^2 /NDF: 1252328.2/20

Out: 126.864 $\pm$ 0.028 χ^2 /NDF: 2147527.6/24

All: 130.388 $\pm$ 0.021 χ^2 /NDF: 3434941.3/45

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -399.366+/-243.782 χ^2/NDF : 11.8/5

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -367.286+/-282.675 χ^2/NDF : 2.5/3

Left: -385.683+/-184.612 χ^2/NDF : 14.3/9

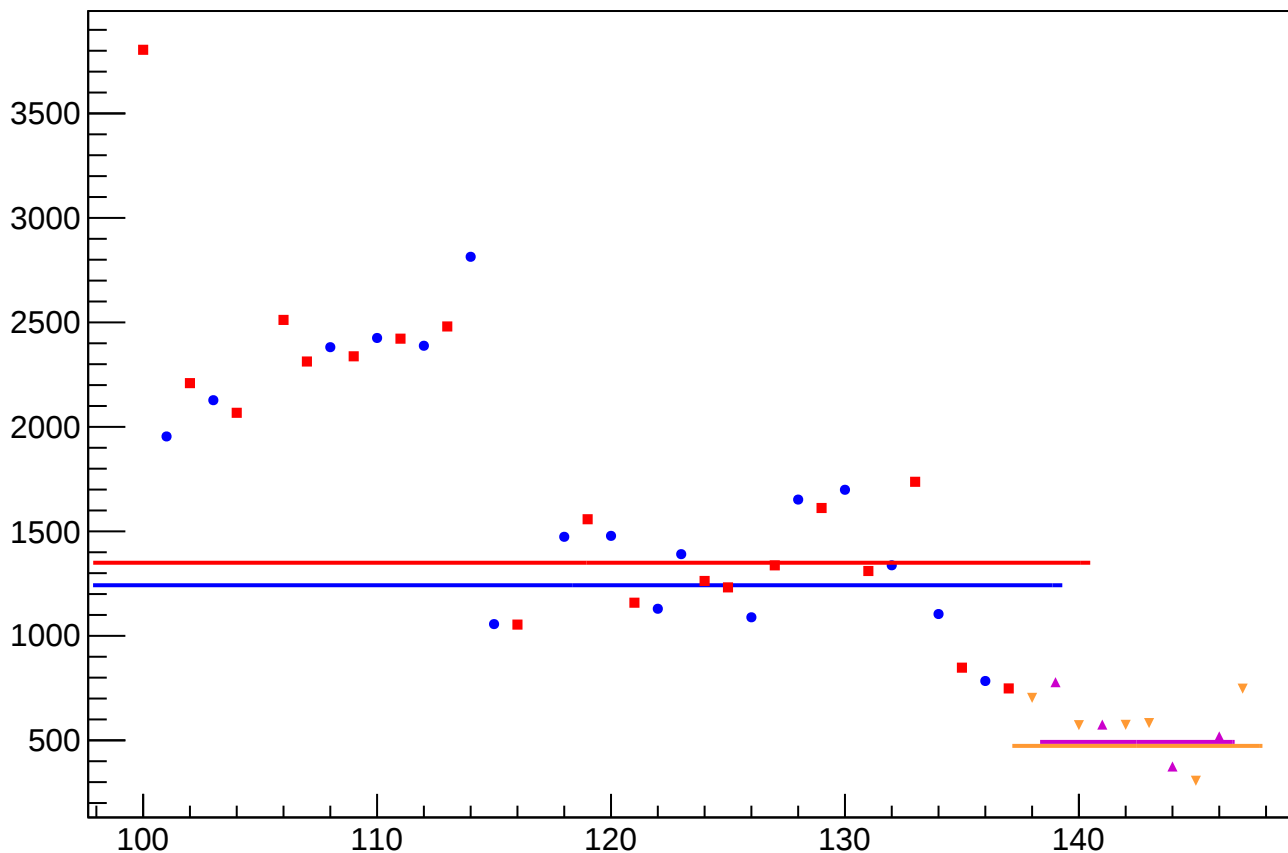
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -511.702+/-247.963 χ^2/NDF : 20.6/20

Out: -295.379+/-222.427 χ^2/NDF : 28.0/24

All: -391.831+/-165.574 χ^2/NDF : 49.0/45

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 473.406+/-0.172 χ^2/NDF : 936824.3/5

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 492.464+/-0.200 χ^2/NDF : 409790.5/3

Left: 481.535+/-0.131 χ^2/NDF : 1351828.2/9

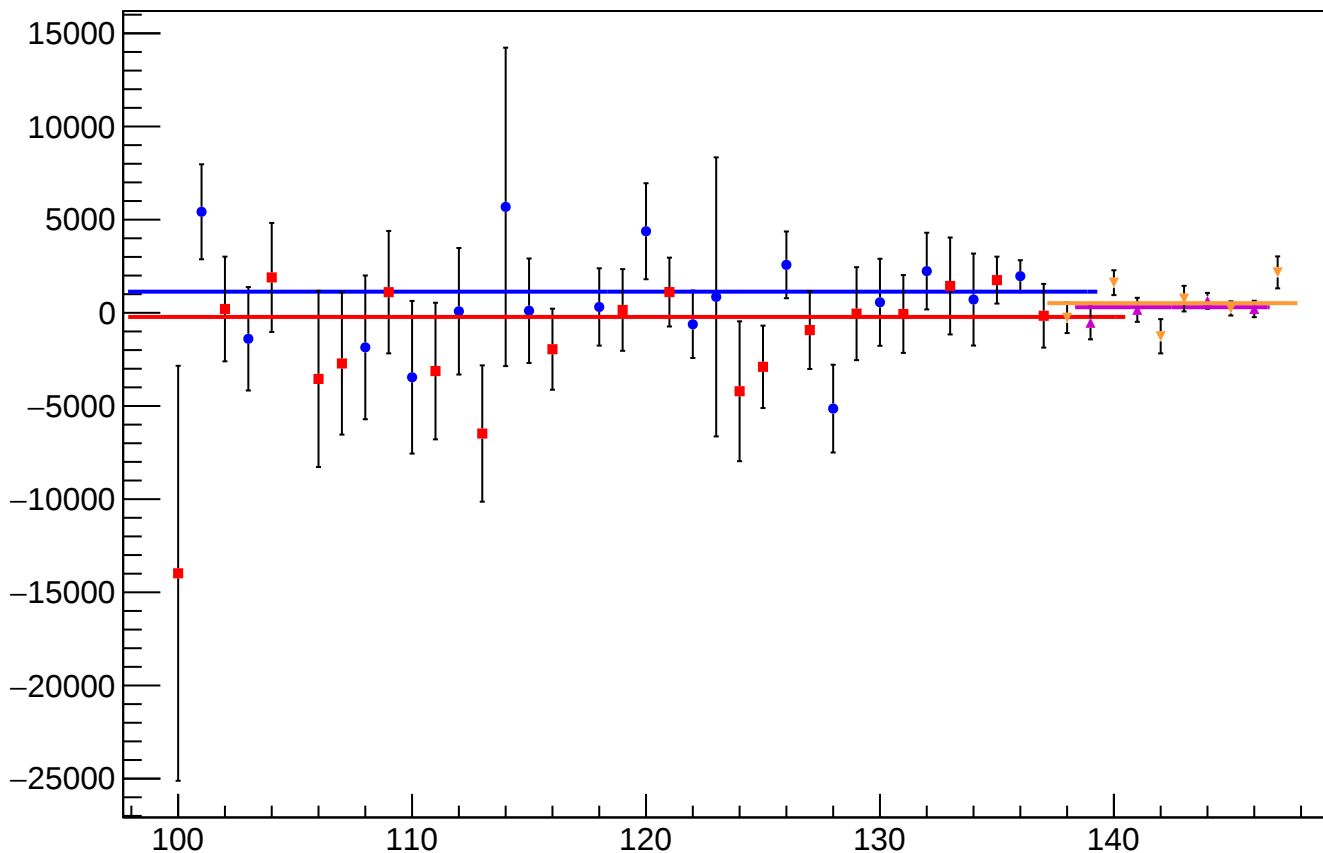
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 665.282+/-0.175 χ^2/NDF : 5420136.9/20

Out: 620.238+/-0.157 χ^2/NDF : 7135594.1/24

All: 640.322+/-0.117 χ^2/NDF : 12592302.1/45

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 518.947 $\pm$ 255.774 χ^2 /NDF:11.8/5

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 301.818 $\pm$ 264.158 χ^2 /NDF:1.6/3

Left: 413.883 $\pm$ 183.752 χ^2 /NDF: 13.7/9

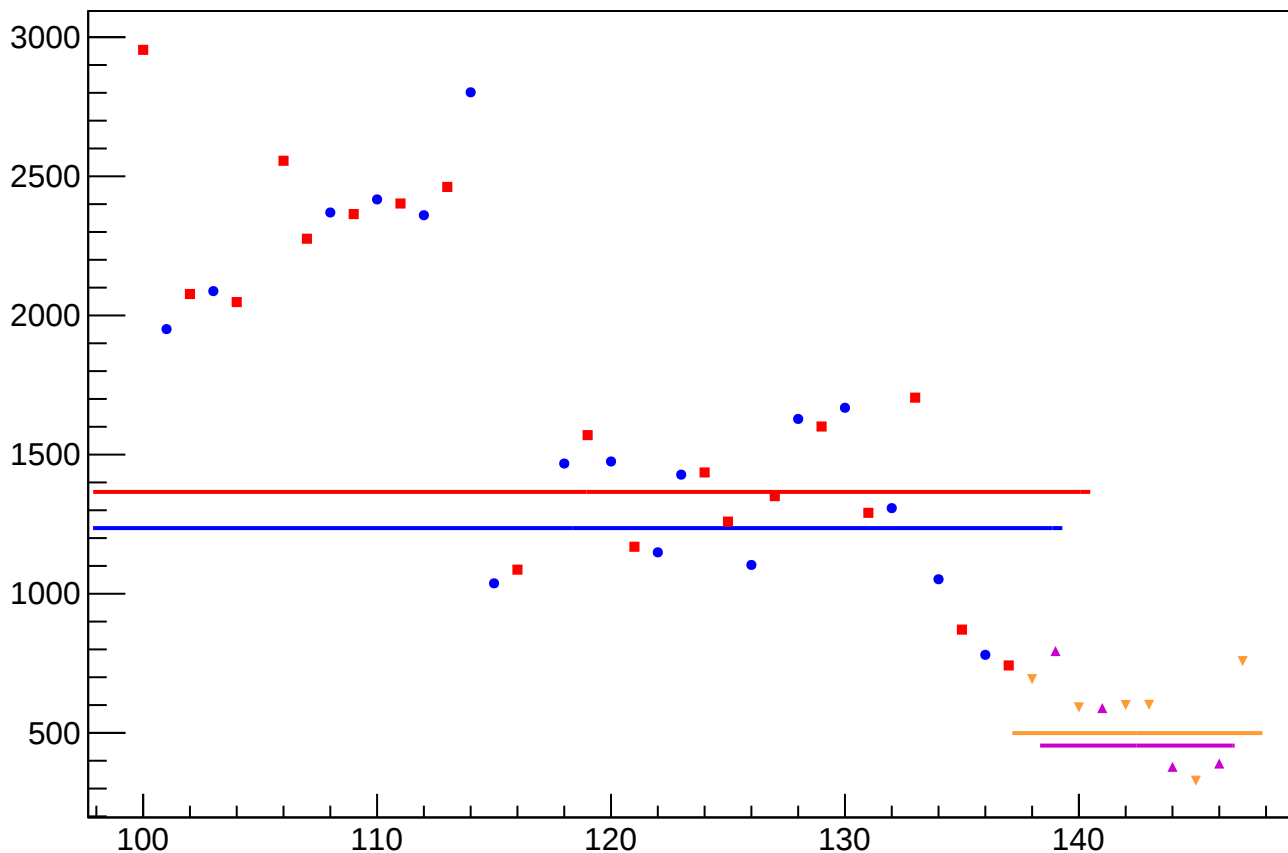
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 476.069 $\pm$ 234.925 χ^2 /NDF:21.5/20

Out: 386.426 $\pm$ 231.736 χ^2 /NDF:26.8/24

All: 430.635 $\pm$ 164.978 χ^2 /NDF: 48.3/45

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 499.349+/-0.181 χ^2/NDF : 803400.4/5

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 454.462+/-0.187 χ^2/NDF : 485401.1/3

Left: 477.629+/-0.130 χ^2/NDF : 1318608.0/9

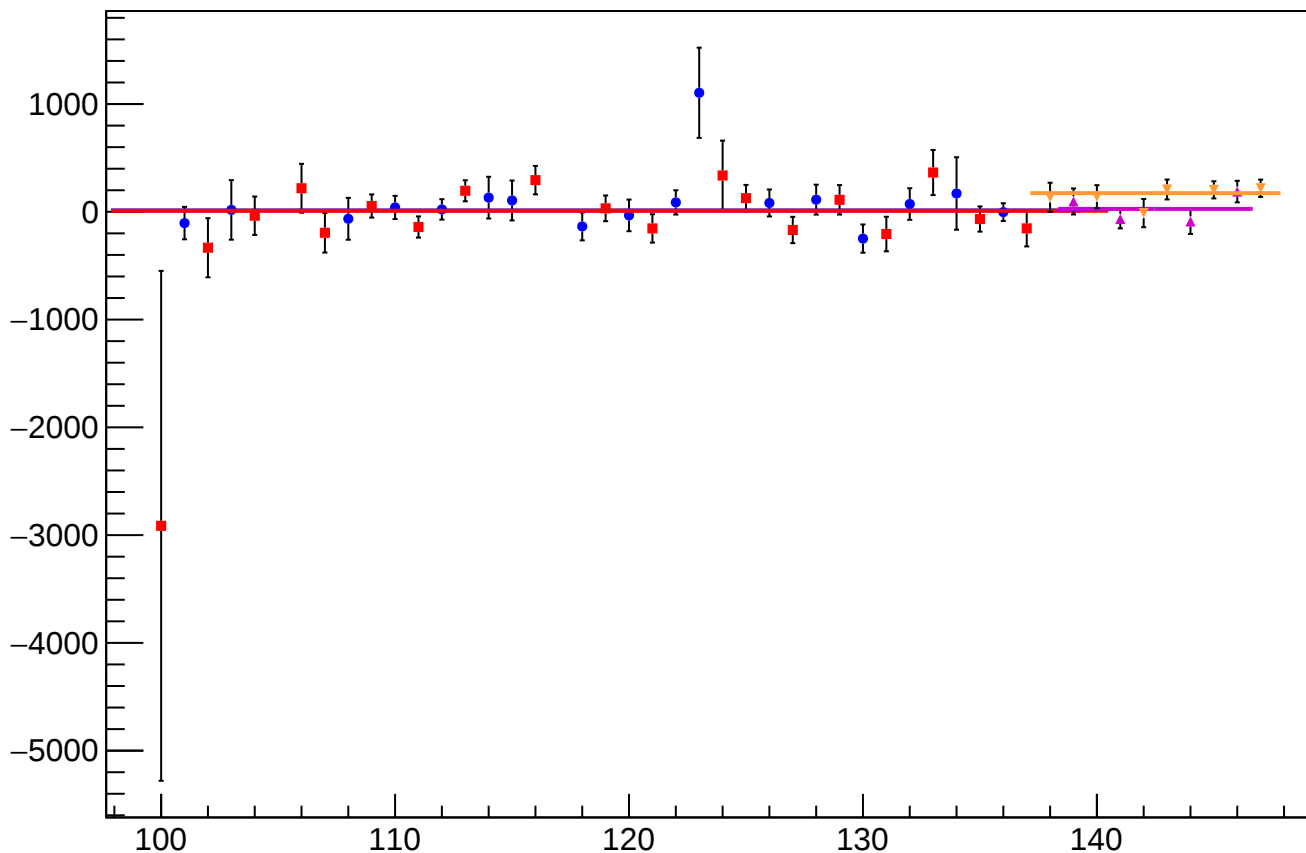
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 617.855+/-0.166 χ^2/NDF : 5890899.9/20

Out: 654.584+/-0.164 χ^2/NDF : 6666076.7/24

All: 636.470+/-0.117 χ^2/NDF : 12581752.9/45

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 173.288+/-39.827 χ^2/NDF : 2.8/5

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 26.871+/-51.732 χ^2/NDF : 5.0/3

Left: 118.800+/-31.558 χ^2/NDF : 12.8/9

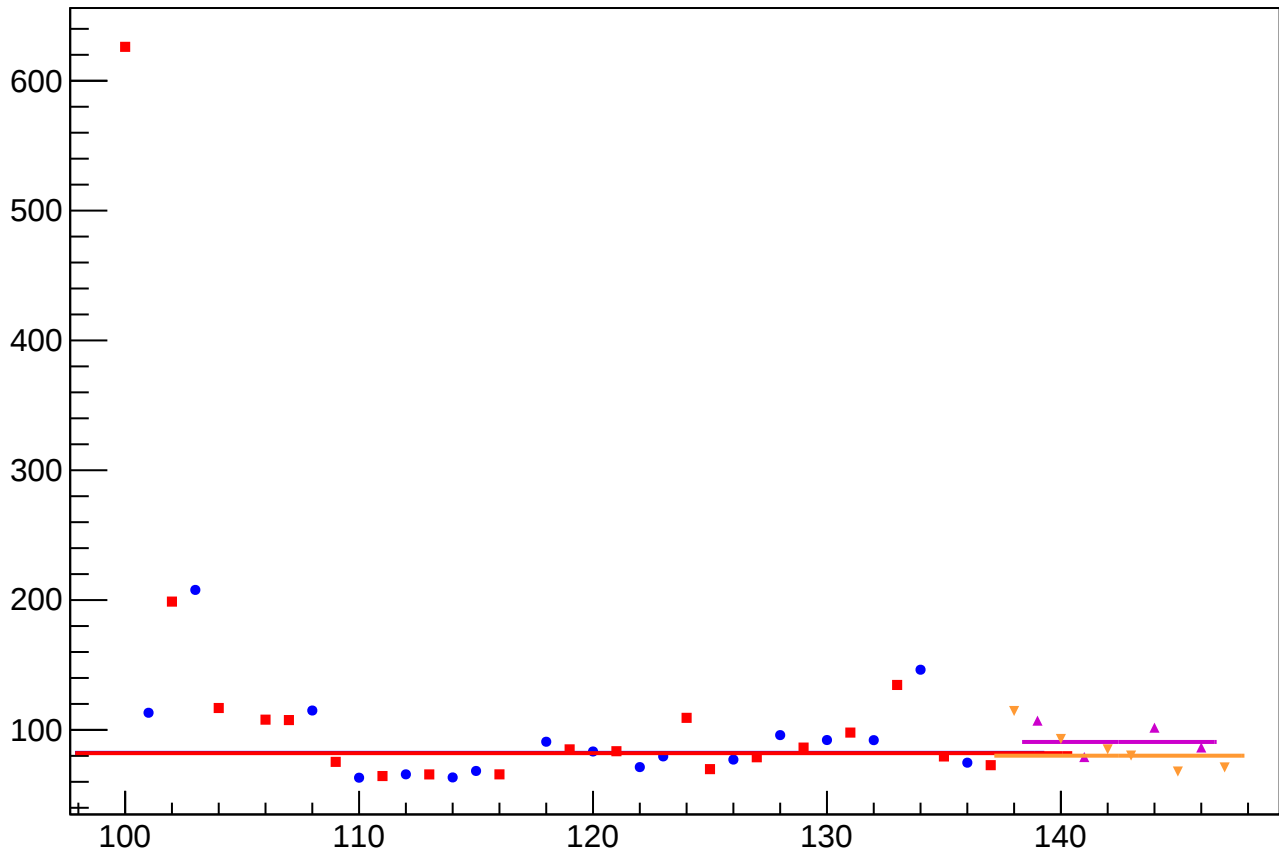
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 16.562+/-27.958 χ^2/NDF : 20.5/20

Out: 75.539+/-25.228 χ^2/NDF : 41.1/24

All: 49.069+/-18.730 χ^2/NDF : 64.0/45

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 80.133 $\pm$ 0.028 χ^2 /NDF: 234256.9/5

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 90.709 $\pm$ 0.037 χ^2 /NDF: 94073.4/3

Left: 84.069 $\pm$ 0.022 χ^2 /NDF: 380812.6/9

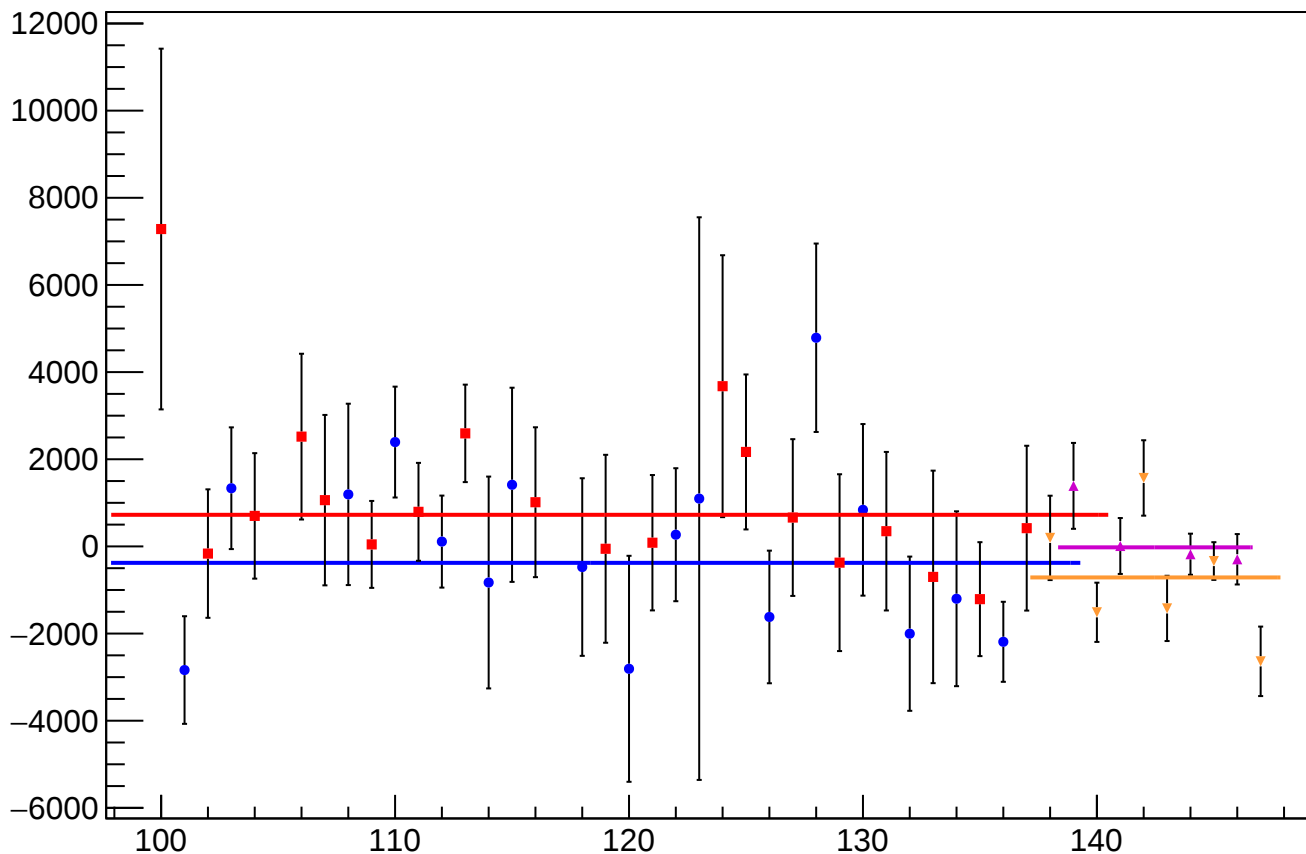
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 84.760 $\pm$ 0.020 χ^2 /NDF: 1000178.0/20

Out: 81.305 $\pm$ 0.018 χ^2 /NDF: 1196157.6/24

All: 82.856 $\pm$ 0.013 χ^2 /NDF: 2213169.5/45

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -712.159+/-274.572 χ^2/NDF :16.7/5

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: -21.507+/-302.337 χ^2/NDF :2.4/3

Left: -399.995+/-203.261 χ^2/NDF : 22.0/9

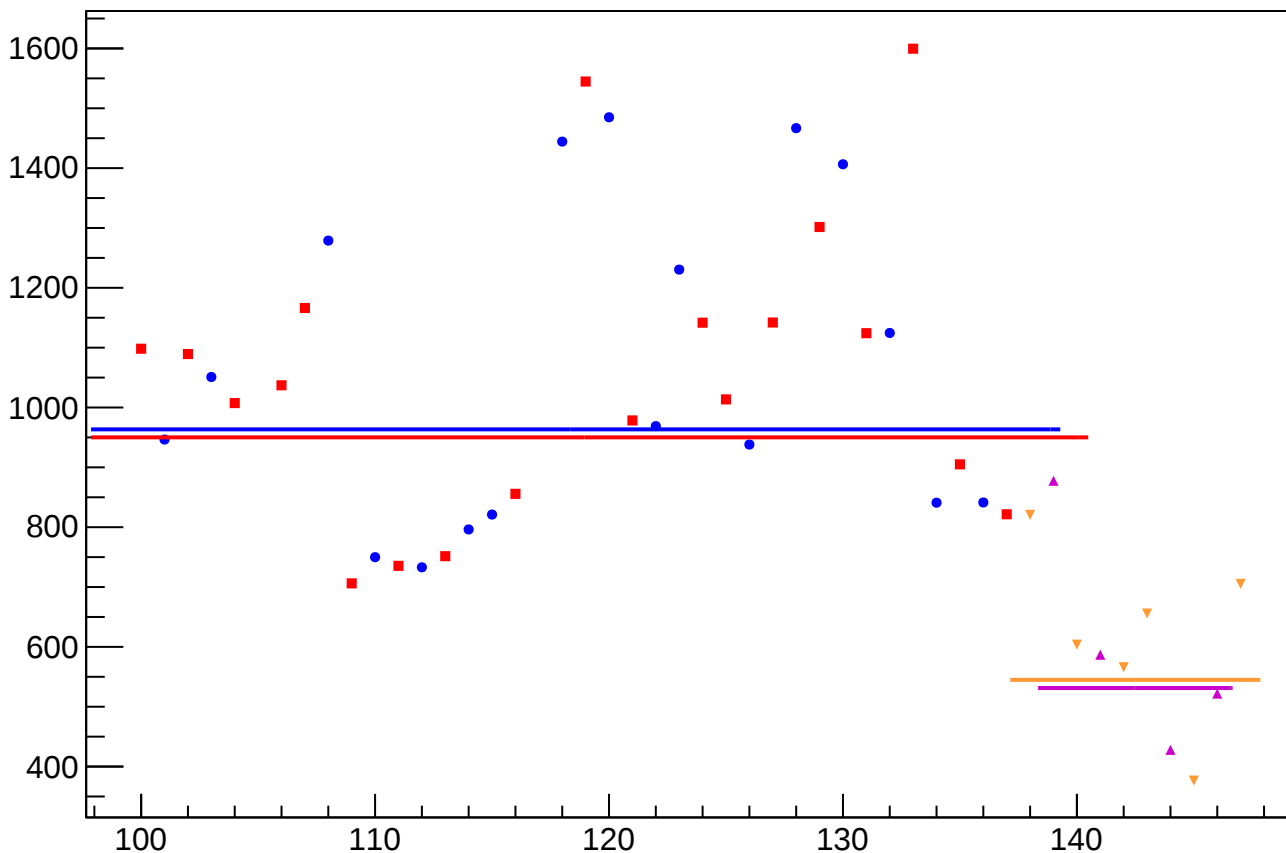
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -157.718+/-237.522 χ^2/NDF :27.4/20

Out: -196.647+/-219.889 χ^2/NDF :38.4/24

All: -178.681+/-161.359 χ^2/NDF : 65.8/45

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 544.916+/-0.194 χ^2/NDF : 605938.7/5

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 531.242+/-0.214 χ^2/NDF : 358323.7/3

Left: 538.736+/-0.144 χ^2/NDF : 966504.4/9

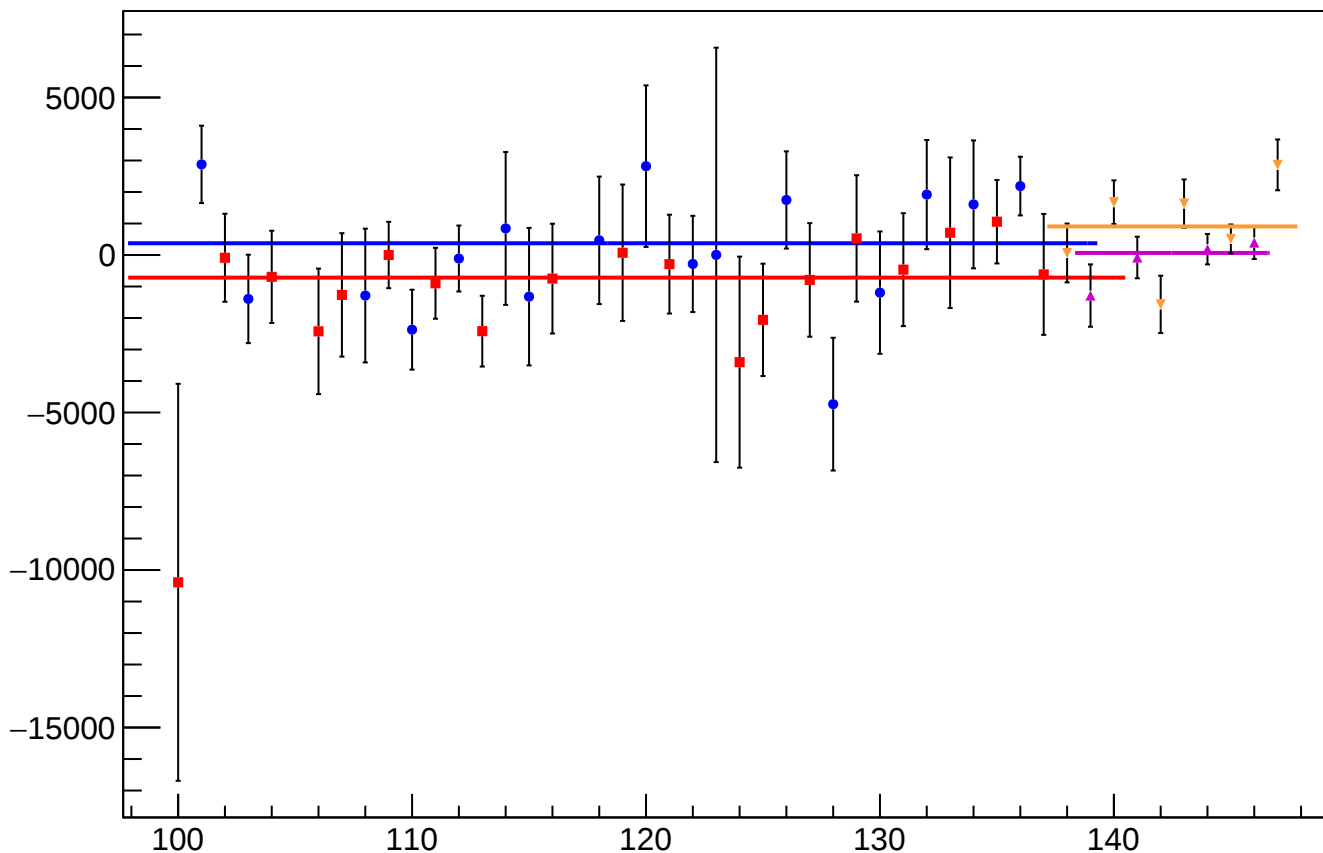
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 696.700+/-0.168 χ^2/NDF : 2611953.5/20

Out: 690.244+/-0.155 χ^2/NDF : 2900110.5/24

All: 693.223+/-0.114 χ^2/NDF : 5512859.9/45

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 906.713 $\pm$ 283.792 χ^2 /NDF:16.9/5

Right Out: -717.404 $\pm$ -371.769 χ^2 /NDF: 10.1/18

Left In: 65.853 $\pm$ -297.896 χ^2 /NDF:2.4/3

Left: 506.660 $\pm$ -205.476 χ^2 /NDF: 23.5/9

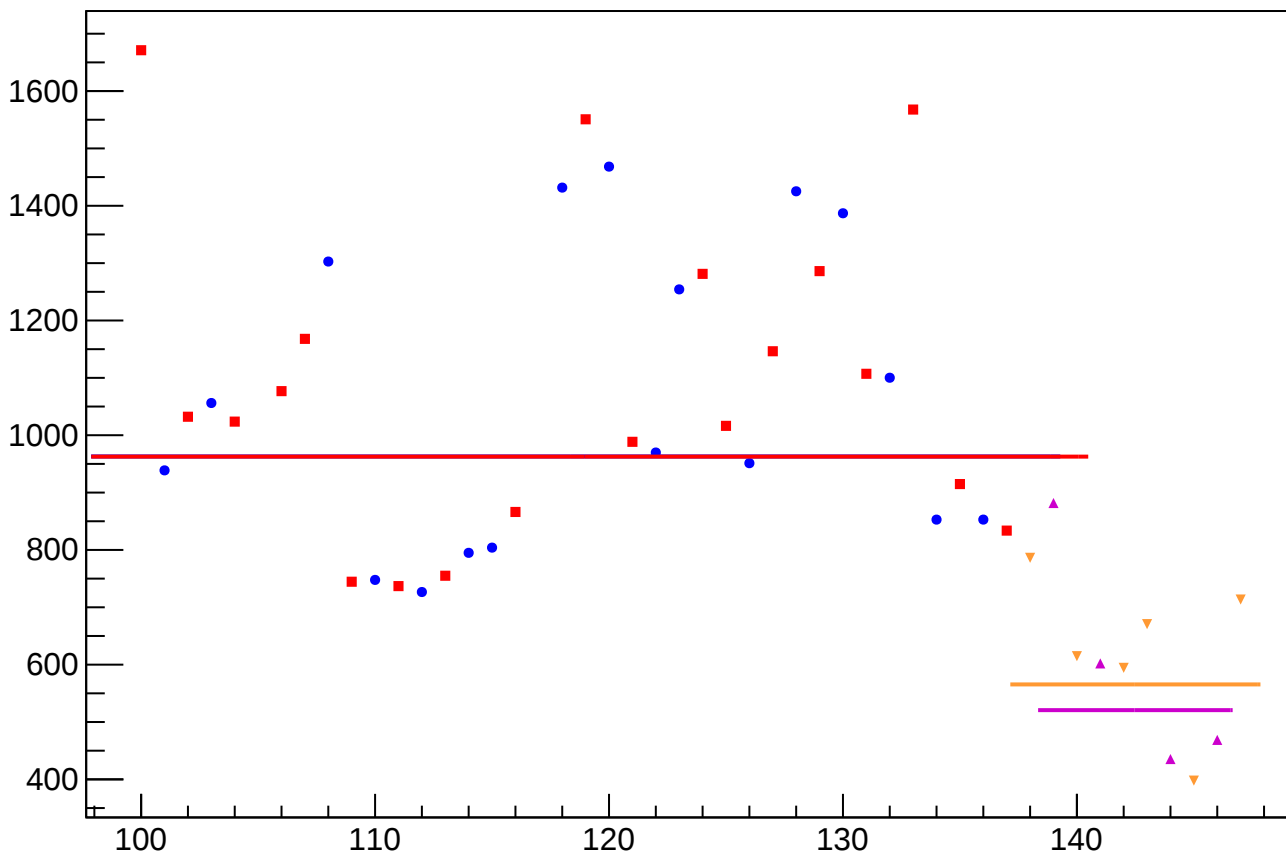
Right: -189.414 $\pm$ -266.986 χ^2 /NDF: 39.6/35

In: 181.339 $\pm$ -235.296 χ^2 /NDF:28.0/20

Out: 308.757 $\pm$ -225.579 χ^2 /NDF:39.1/24

All: 247.734 $\pm$ -162.835 χ^2 /NDF: 67.3/45

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 565.537 $\pm$ 0.201 χ^2 /NDF: 495945.6/5

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 520.699 $\pm$ 0.211 χ^2 /NDF: 378601.0/3

Left: 544.204 $\pm$ 0.145 χ^2 /NDF: 898299.7/9

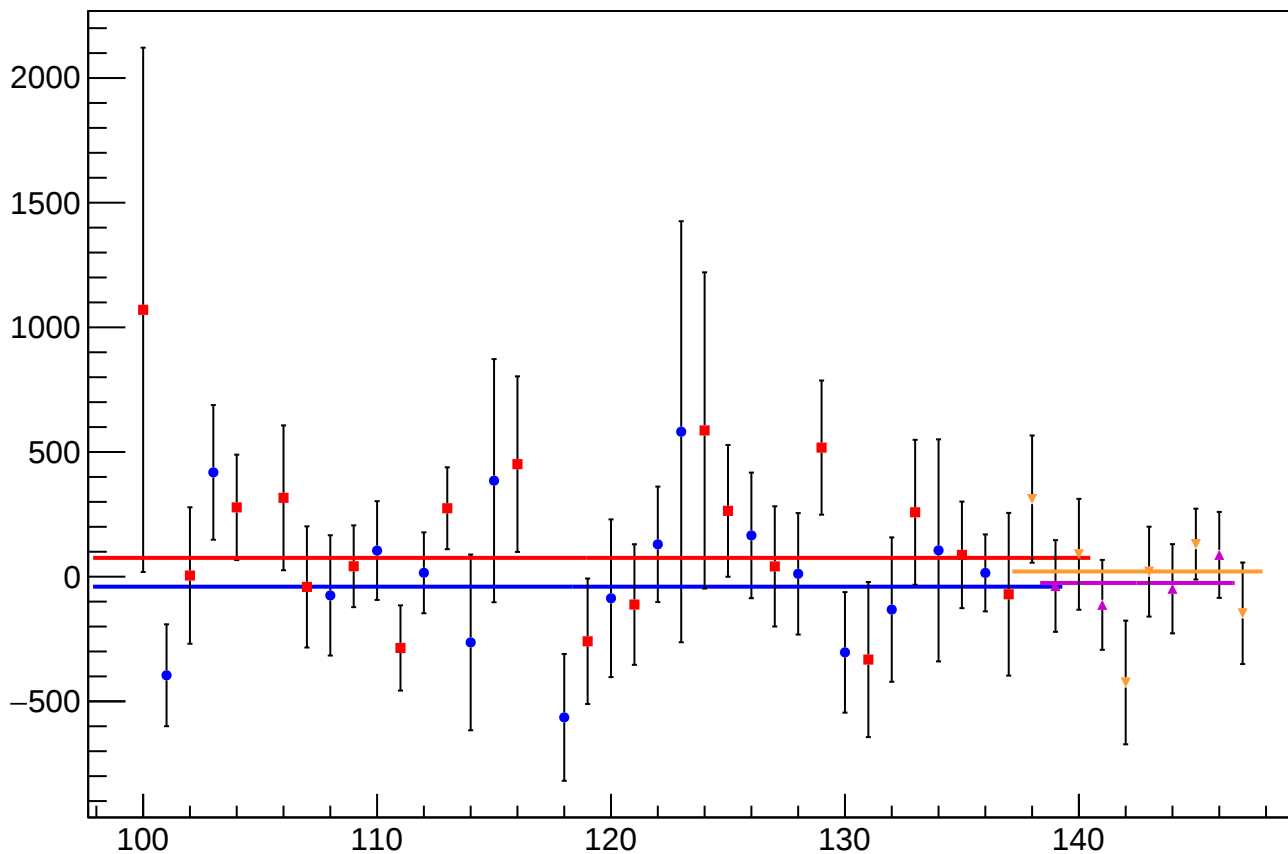
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 687.048 $\pm$ 0.166 χ^2 /NDF: 2704221.2/20

Out: 711.759 $\pm$ 0.160 χ^2 /NDF: 2634460.8/24

All: 699.924 $\pm$ 0.115 χ^2 /NDF: 5350176.2/45

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 20.814 ± 79.989 χ^2/NDF : 5.9/5

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: -25.161 ± 89.385 χ^2/NDF : 0.7/3

Left: 0.369 ± 59.607 χ^2/NDF : 6.7/9

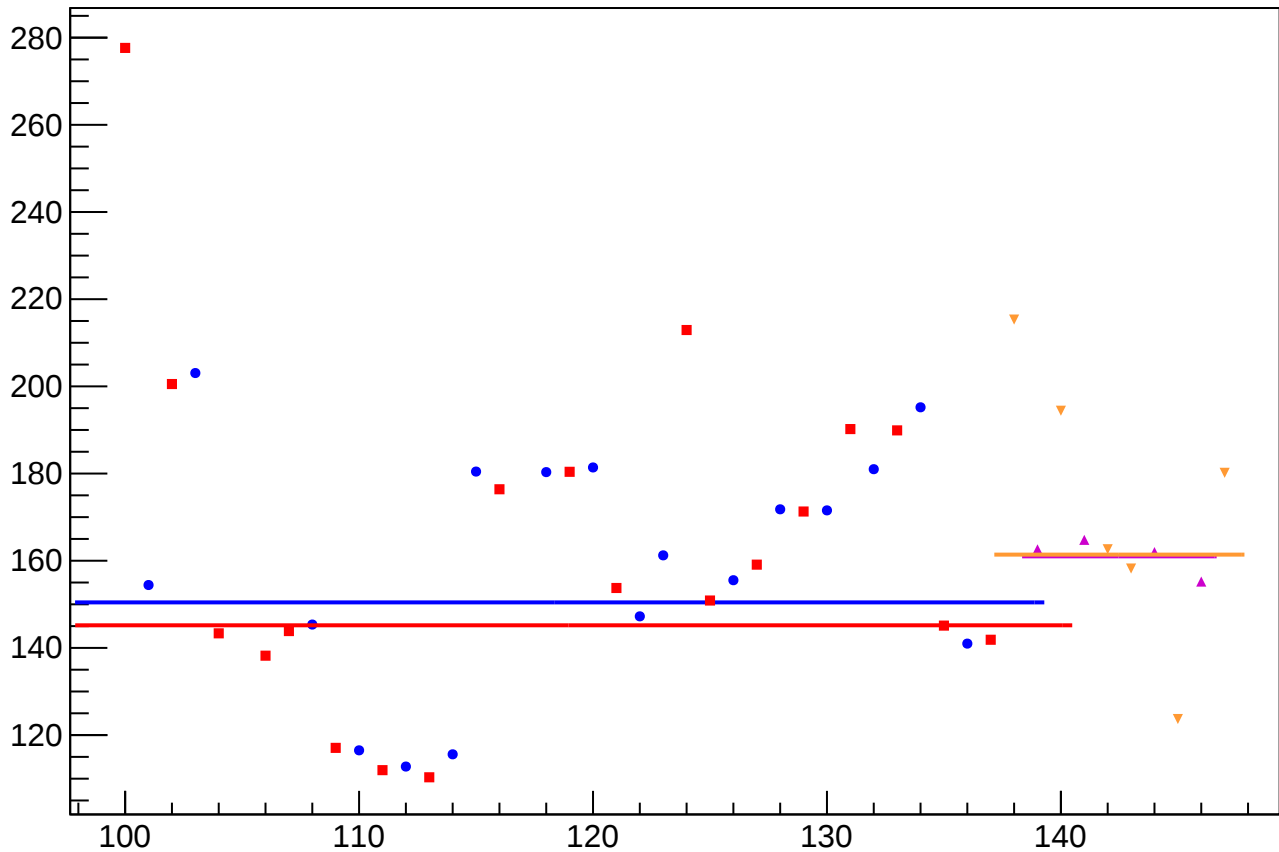
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -35.554 ± 49.389 χ^2/NDF : 16.0/20

Out: 57.386 ± 46.003 χ^2/NDF : 24.7/24

All: 14.211 ± 33.662 χ^2/NDF : 42.6/45

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: 161.402 $\pm$ 0.057 χ^2 /NDF: 292080.2/5

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.005 $\pm$ 0.063 χ^2 /NDF: 3347.6/3

Left: 161.226 $\pm$ 0.042 χ^2 /NDF: 295449.7/9

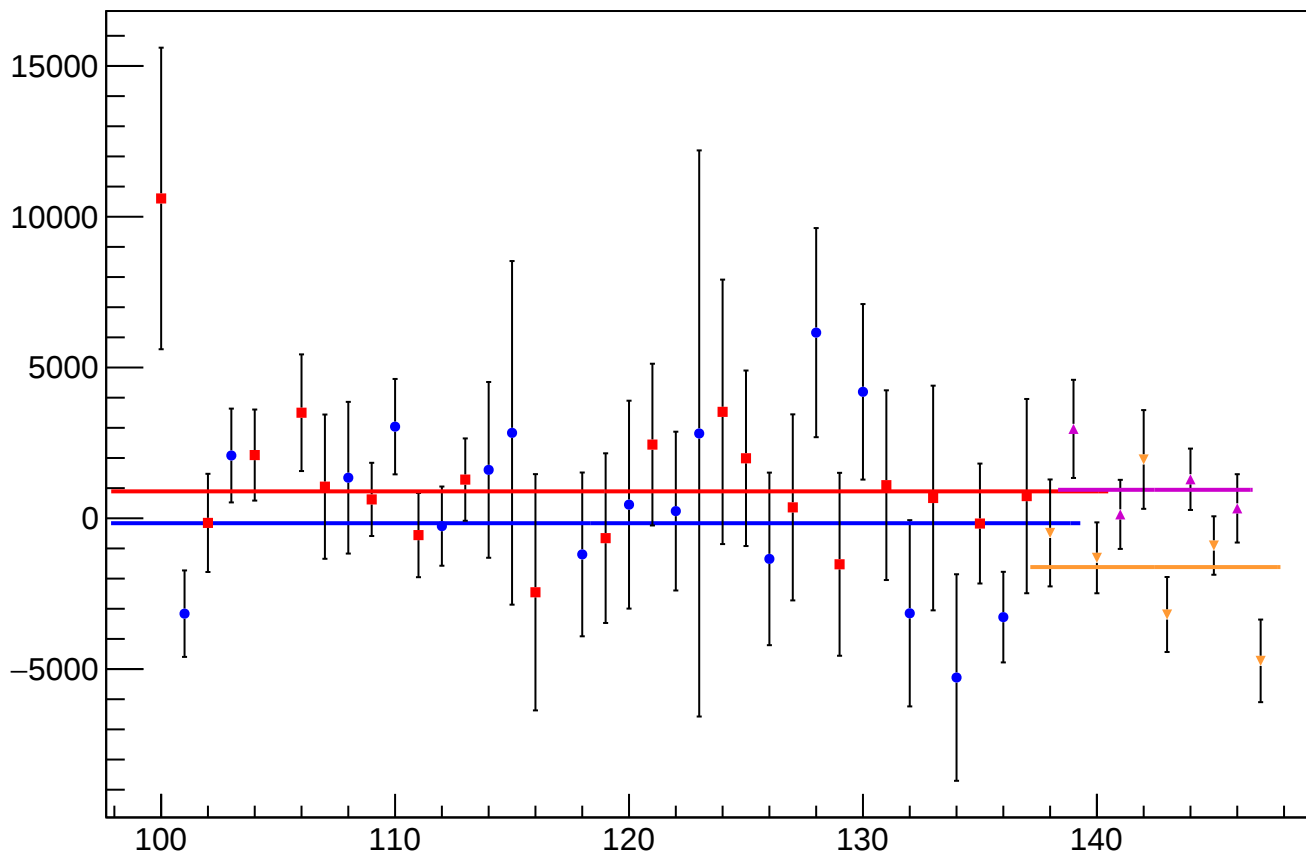
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 153.667 $\pm$ 0.035 χ^2 /NDF: 422874.7/20

Out: 150.550 $\pm$ 0.033 χ^2 /NDF: 882780.5/24

All: 151.998 $\pm$ 0.024 χ^2 /NDF: 1309919.4/45

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1617.655+/-522.796 χ^2/NDF : 12.5/5

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 944.573+/-588.803 χ^2/NDF : 2.5/3

Left: -488.152+/-390.935 χ^2/NDF : 25.6/9

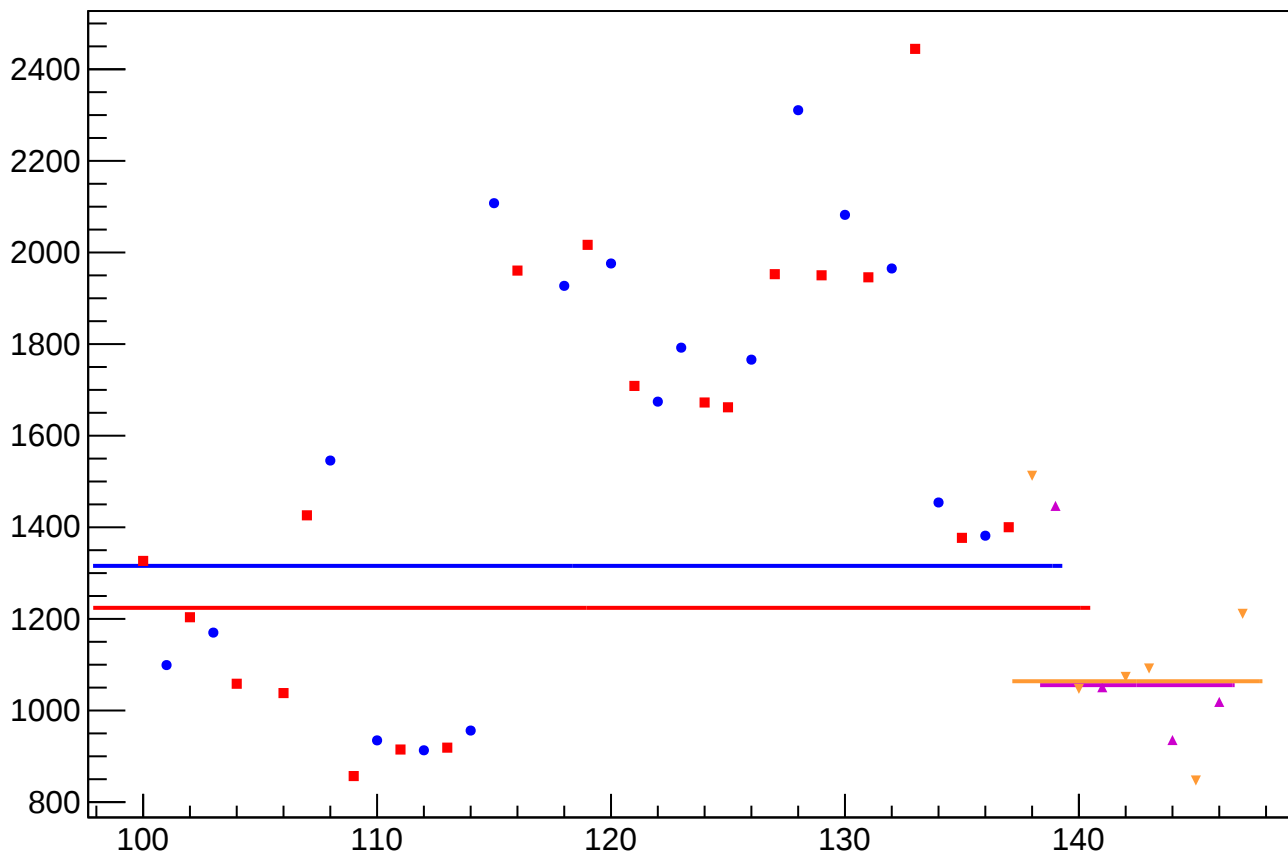
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 336.103+/-395.214 χ^2/NDF : 29.5/20

Out: -266.481+/-355.291 χ^2/NDF : 35.6/24

All: 2.847+/-264.219 χ^2/NDF : 66.4/45

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1063.914+/-0.370 χ^2/NDF : 252547.1/5

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1055.401+/-0.416 χ^2/NDF : 145530.1/3

Left: 1060.161+/-0.276 χ^2/NDF : 398310.9/9

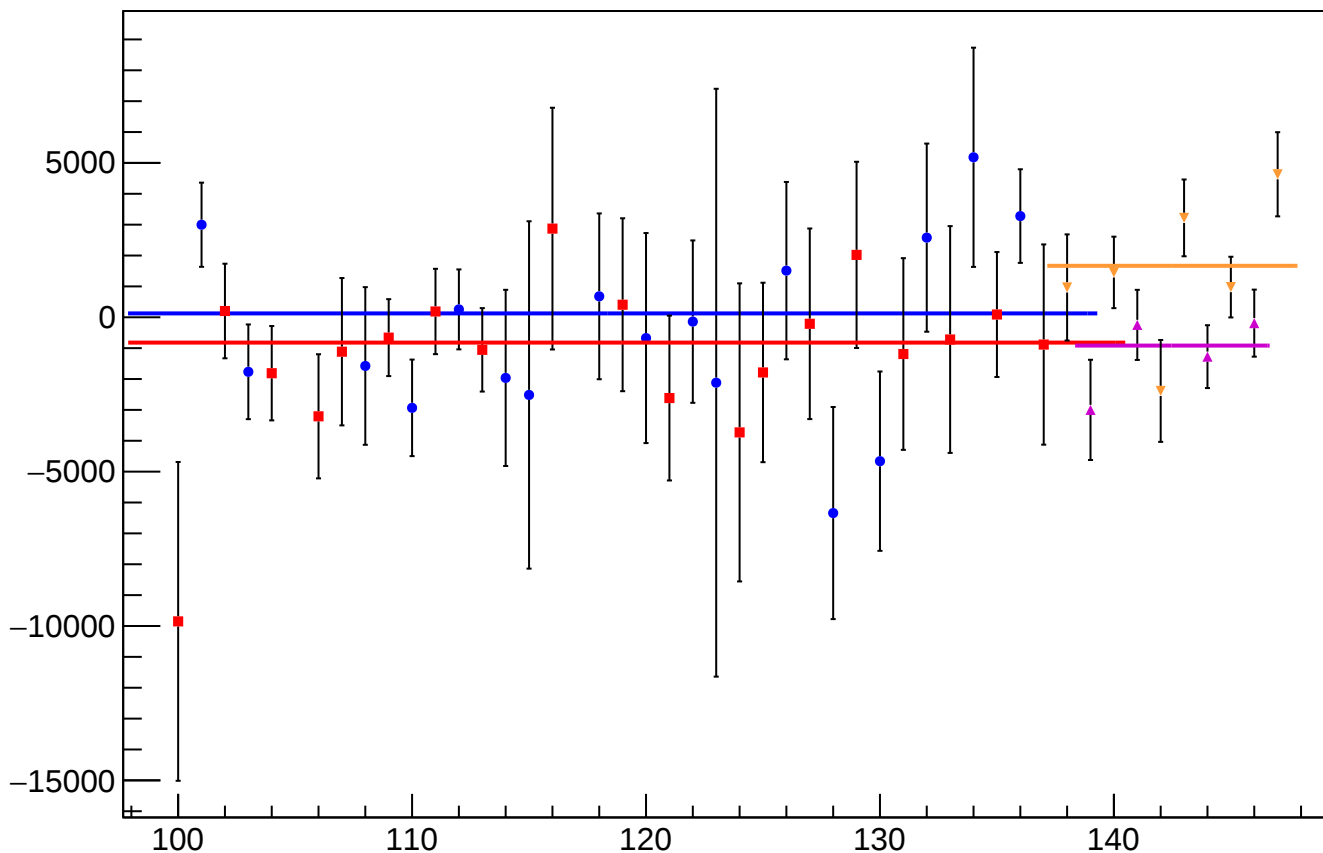
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1198.474+/-0.279 χ^2/NDF : 1478787.1/20

Out: 1150.144+/-0.251 χ^2/NDF : 1717557.0/24

All: 1171.745+/-0.187 χ^2/NDF : 3212884.9/45

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1667.319 $\pm$ 521.844 χ^2 /NDF:13.0/5

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -916.865 $\pm$ 580.422 χ^2 /NDF:2.6/3

Left: 512.171 $\pm$ 388.062 χ^2 /NDF: 26.5/9

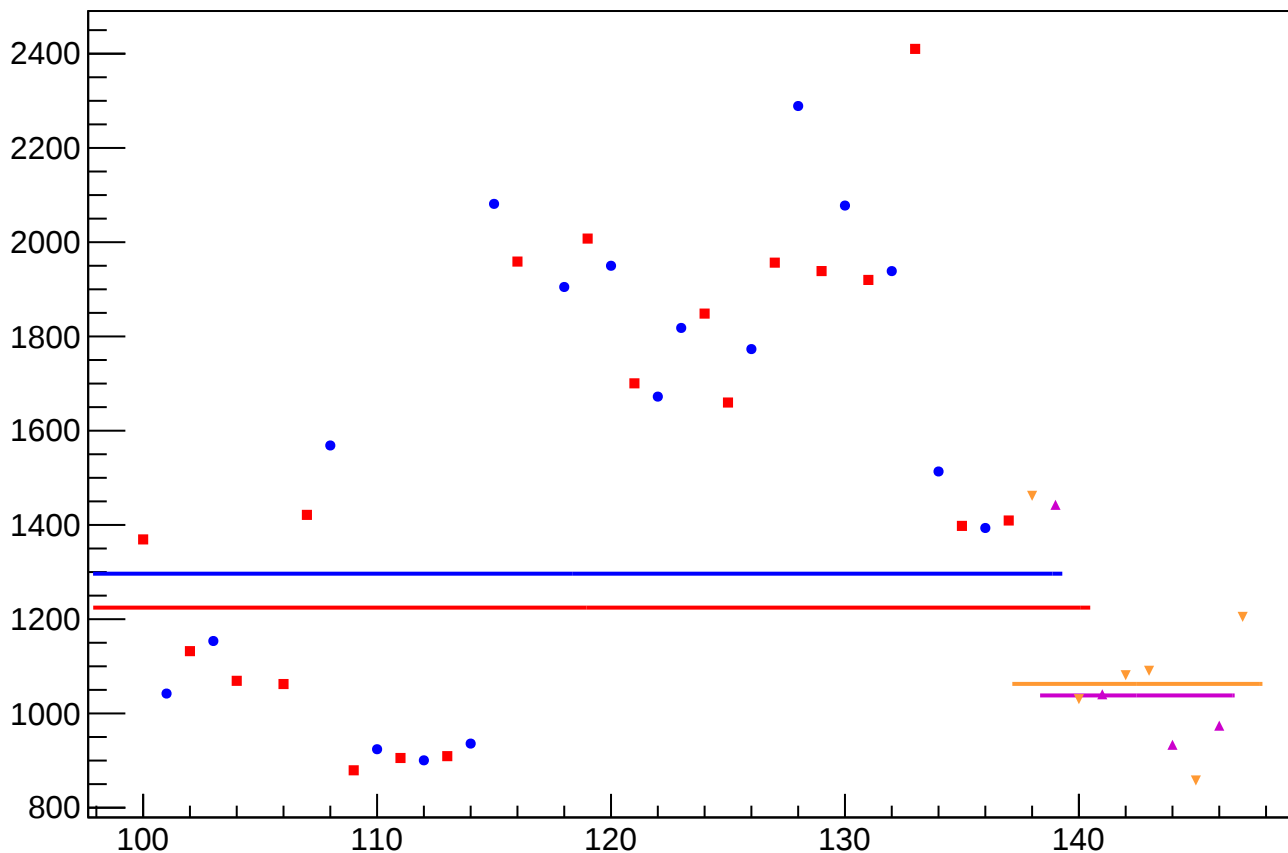
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -345.388 $\pm$ 390.087 χ^2 /NDF:29.0/20

Out: 331.775 $\pm$ 355.125 χ^2 /NDF:34.3/24

All: 24.894 $\pm$ 262.603 χ^2 /NDF: 64.9/45

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1062.706+/-0.369 χ^2/NDF : 219353.1/5

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1038.199+/-0.410 χ^2/NDF : 152297.4/3

Left: 1051.751+/-0.274 χ^2/NDF : 373622.3/9

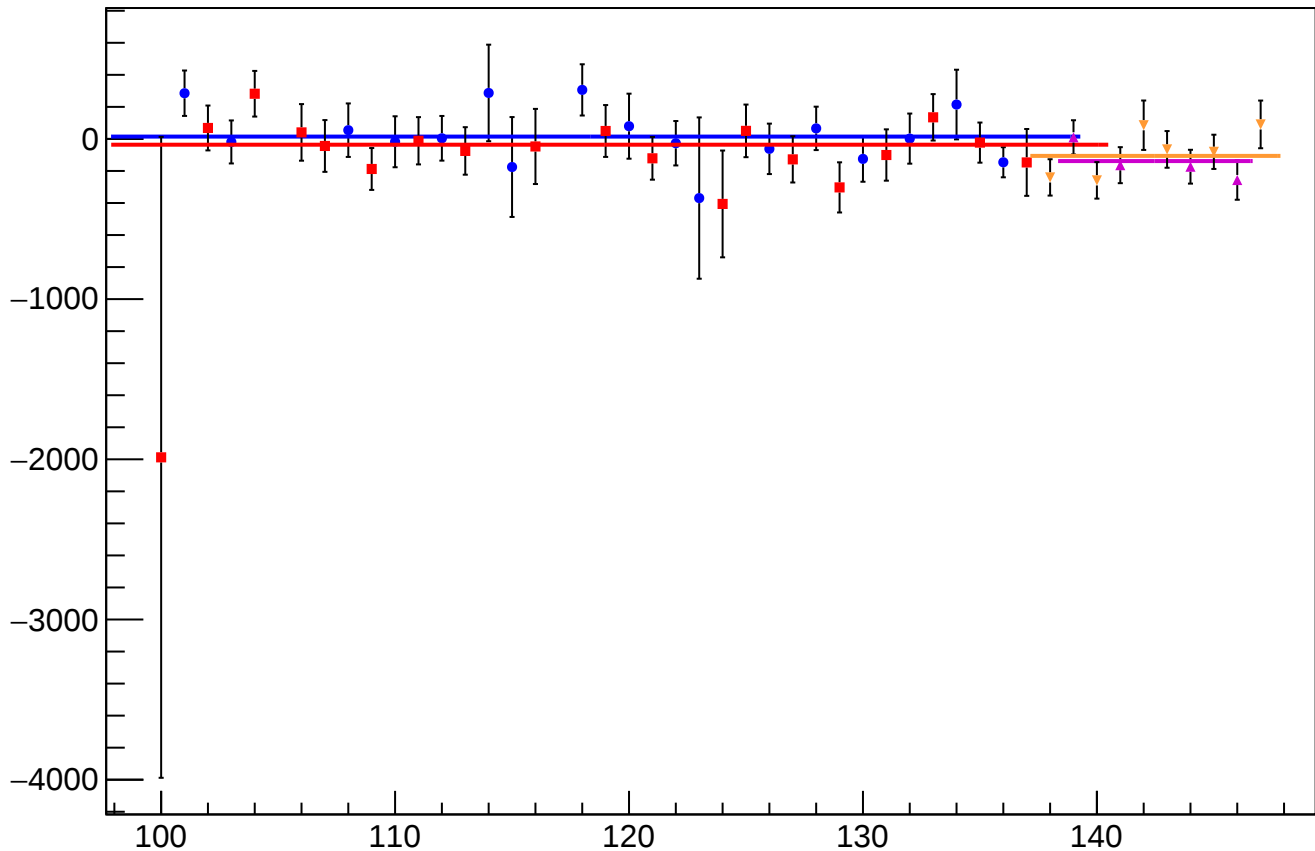
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1179.870+/-0.276 χ^2/NDF : 1545068.2/20

Out: 1149.605+/-0.251 χ^2/NDF : 1670924.6/24

All: 1163.320+/-0.186 χ^2/NDF : 3222575.7/45

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: -105.935 ± 49.637 $\chi^2/\text{NDF}: 6.7/5$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -138.321 ± 55.700 $\chi^2/\text{NDF}: 3.0/3$

Left: -120.270 ± 37.057 $\chi^2/\text{NDF}: 9.9/9$

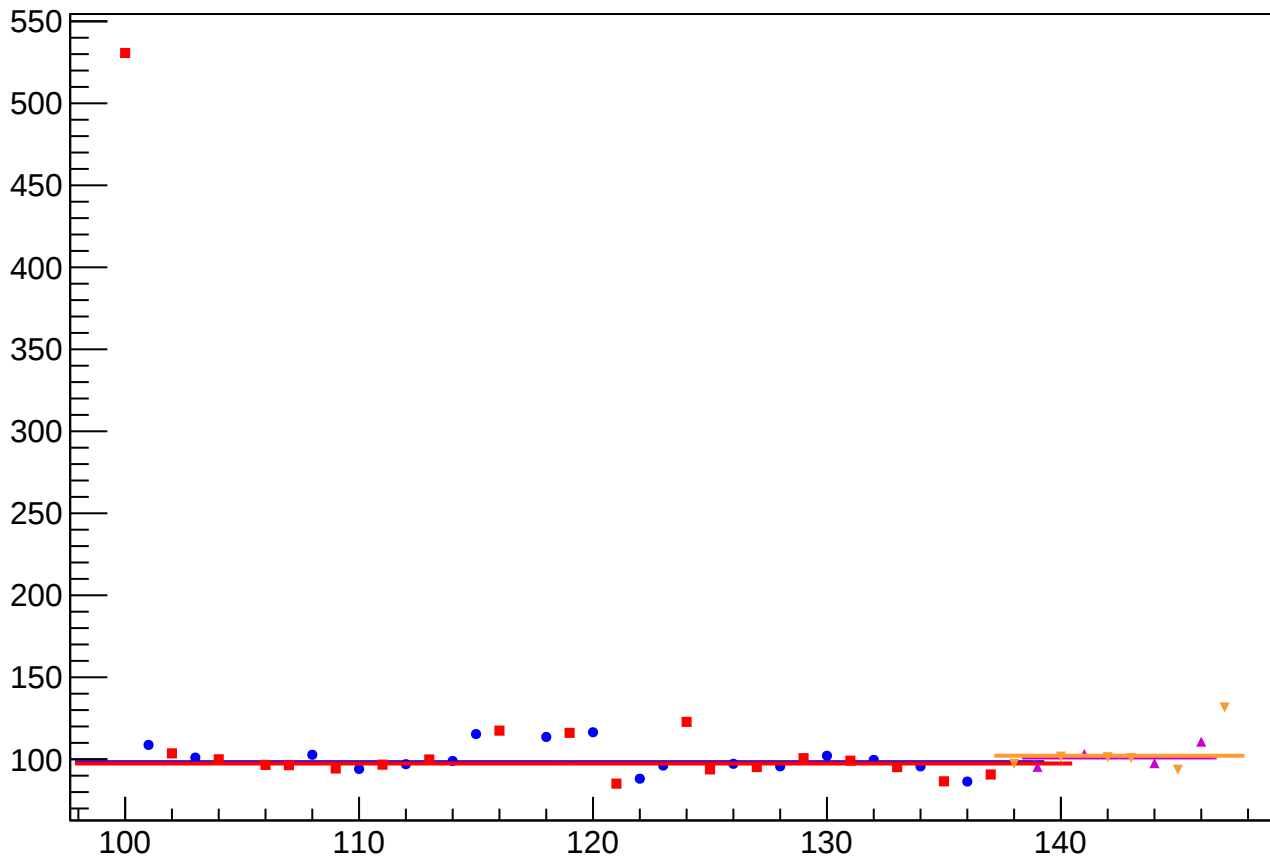
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -34.014 ± 31.400 $\chi^2/\text{NDF}: 22.3/20$

Out: -60.823 ± 29.521 $\chi^2/\text{NDF}: 23.4/24$

All: -48.245 ± 21.508 $\chi^2/\text{NDF}: 46.1/45$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 102.164+/-0.035 χ^2/NDF : 95287.9/5

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 101.093+/-0.039 χ^2/NDF : 20846.8/3

Left: 101.690+/-0.026 χ^2/NDF : 116546.4/9

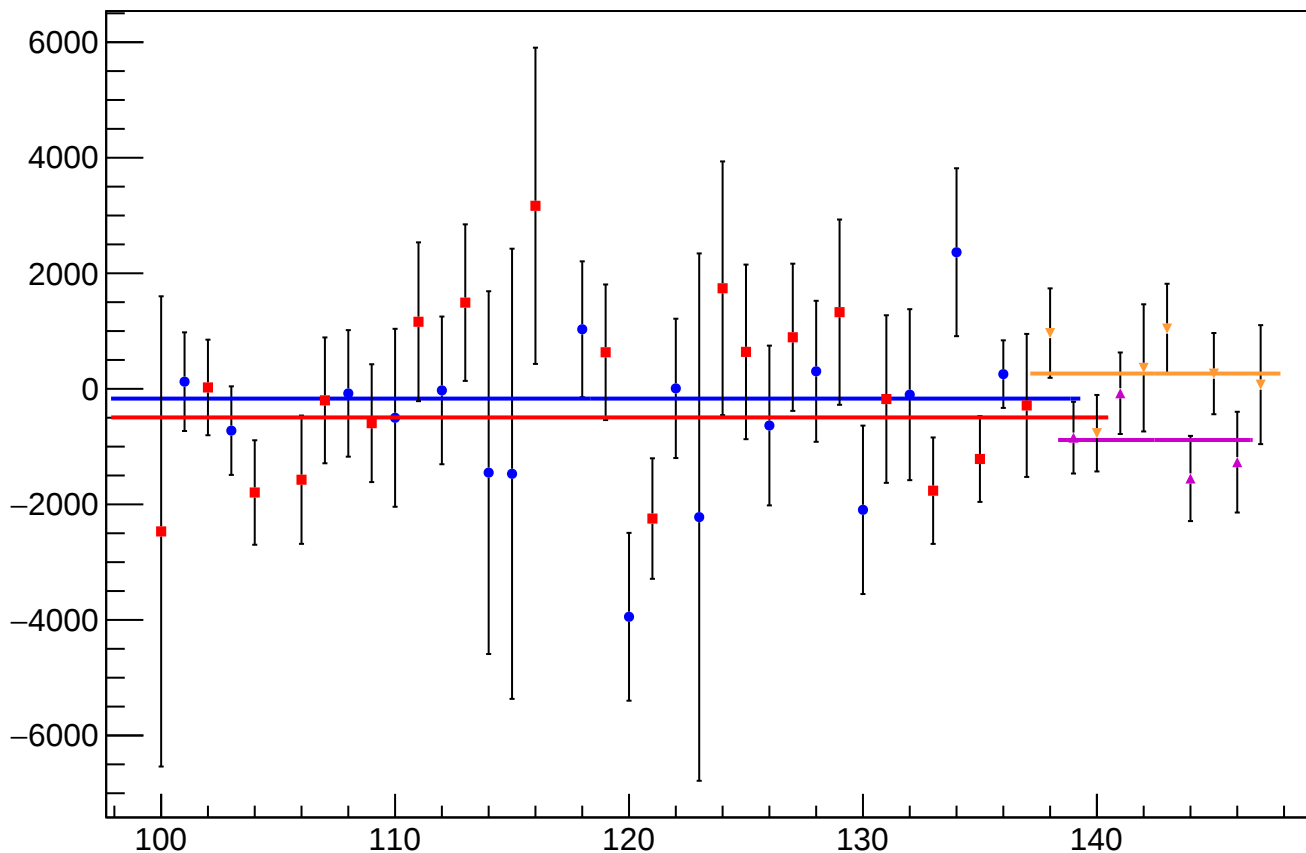
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 99.132+/-0.022 χ^2/NDF : 124990.2/20

Out: 99.109+/-0.021 χ^2/NDF : 297078.2/24

All: 99.120+/-0.015 χ^2/NDF : 422069.0/45

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: 264.687 $\pm$ 326.142 χ^2 /NDF: 4.3/5

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -885.312 $\pm$ 359.089 χ^2 /NDF: 2.3/3

Left: -255.145 $\pm$ 241.427 χ^2 /NDF: 12.2/9

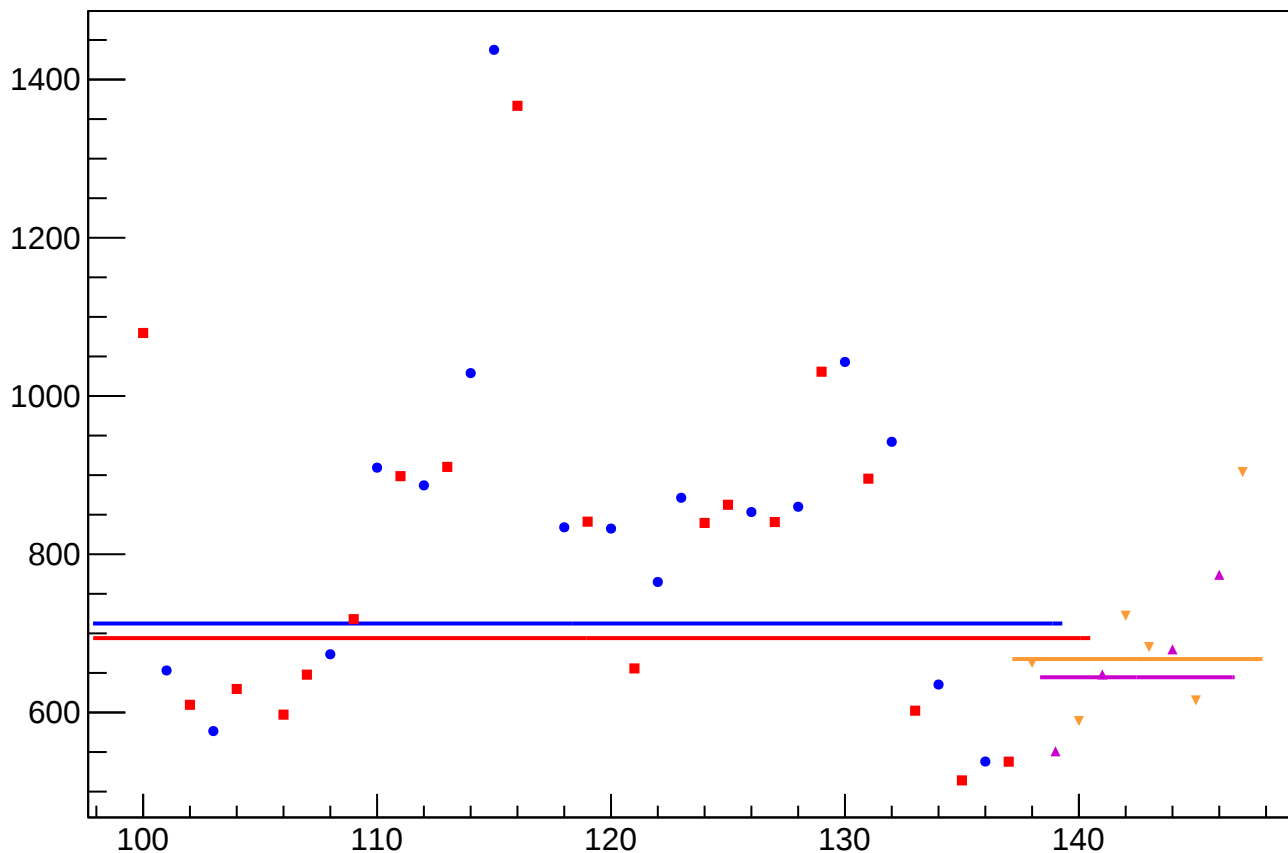
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -442.341 $\pm$ 221.871 χ^2 /NDF: 19.4/20

Out: -189.492 $\pm$ 206.797 χ^2 /NDF: 27.4/24

All: -307.036 $\pm$ 151.276 χ^2 /NDF: 47.4/45

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 667.547+/-0.231 χ^2/NDF :150278.0/5

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 644.509+/-0.254 χ^2/NDF :94154.6/3

Left: 657.133+/-0.171 χ^2/NDF : 248943.6/9

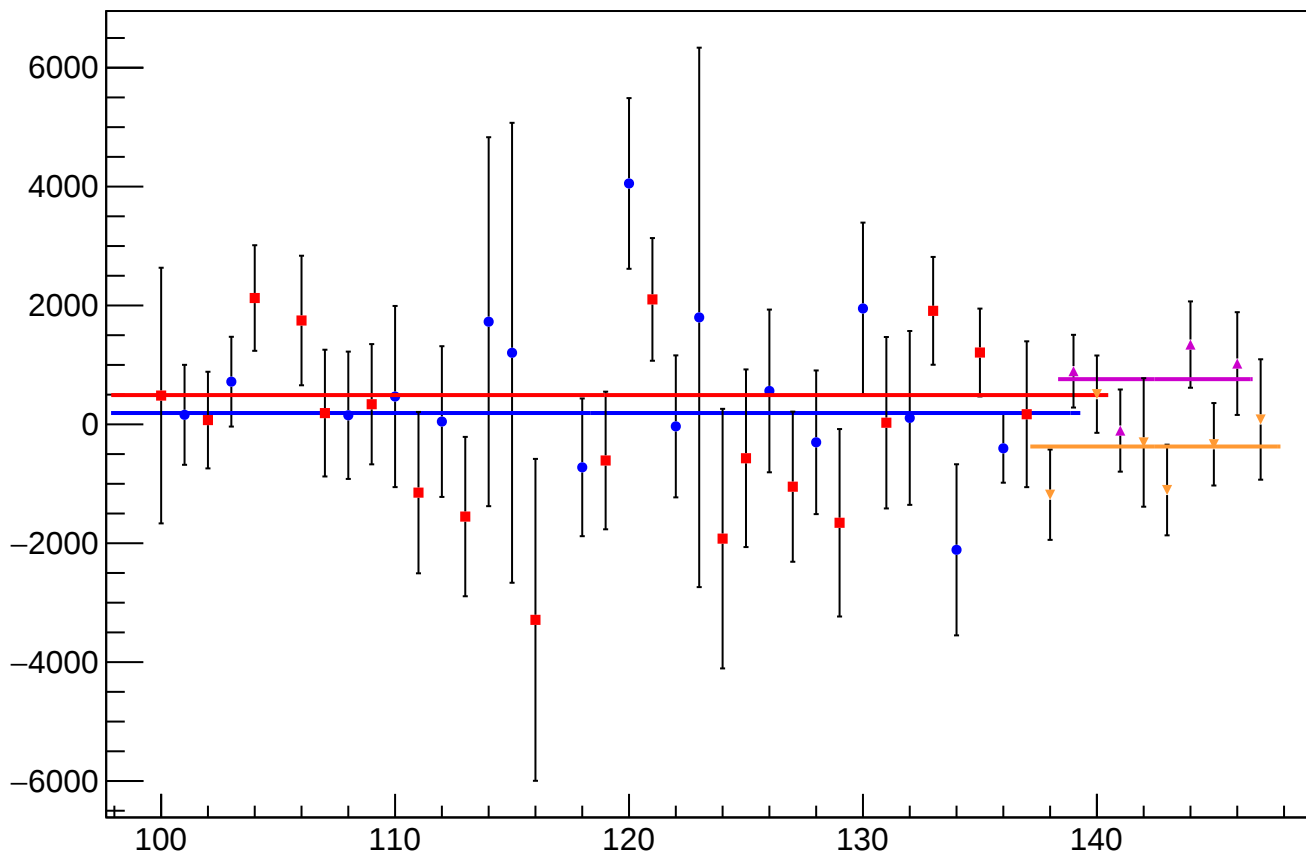
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 686.528+/-0.157 χ^2/NDF :798972.7/20

Out: 683.373+/-0.146 χ^2/NDF :833143.5/24

All: 684.840+/-0.107 χ^2/NDF : 1632332.6/45

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -372.653 $\pm$ 320.703 χ^2 /NDF:4.1/5

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 760.602 $\pm$ 353.558 χ^2 /NDF:2.3/3

Left: 138.885 $\pm$ 237.540 χ^2 /NDF: 12.1/9

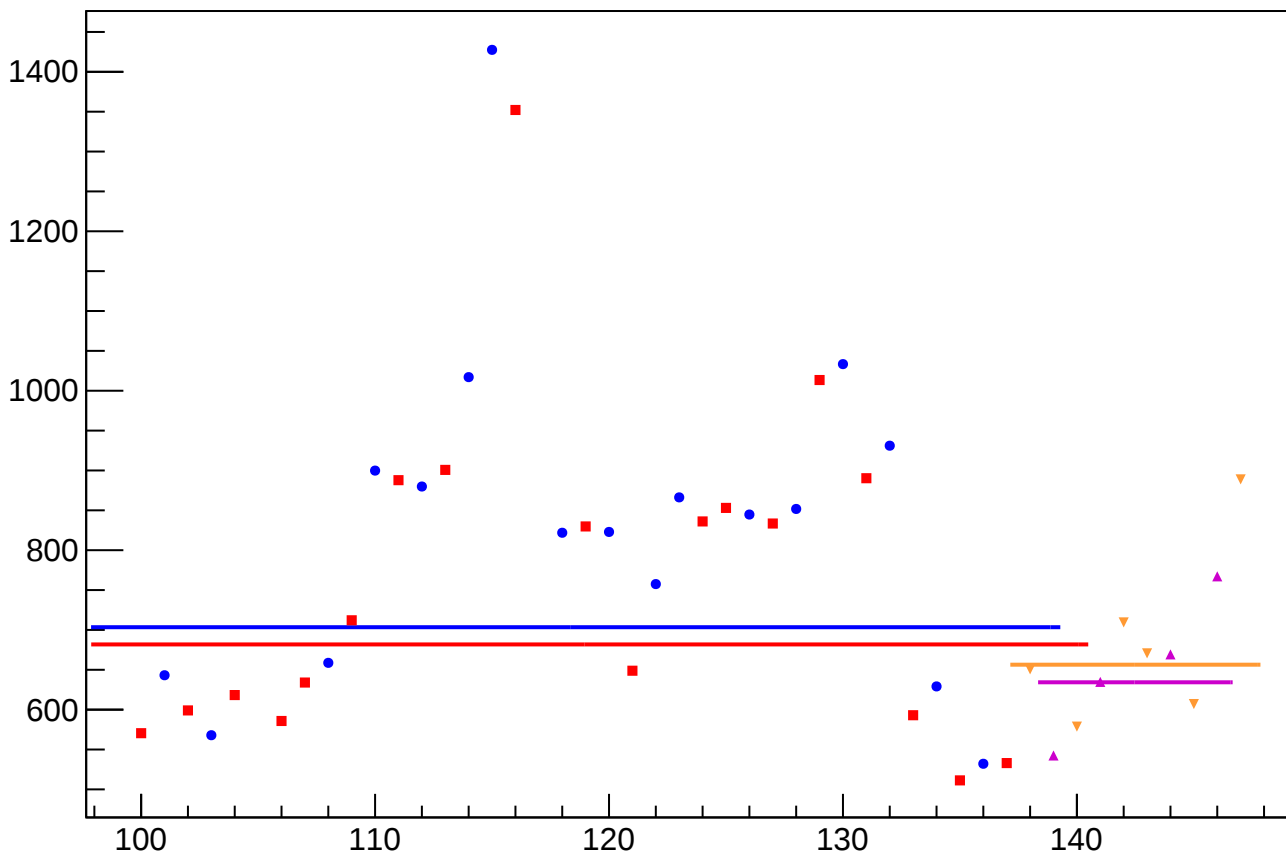
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 409.190 $\pm$ 218.860 χ^2 /NDF:18.2/20

Out: 145.274 $\pm$ 203.199 χ^2 /NDF:31.2/24

All: 267.453 $\pm$ 148.913 χ^2 /NDF: 50.2/45

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 656.396 $\pm$ 0.227 χ^2/NDF :149580.1/5

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 634.316 $\pm$ 0.250 χ^2/NDF :96956.9/3

Left: 646.429 $\pm$ 0.168 χ^2/NDF : 250816.0/9

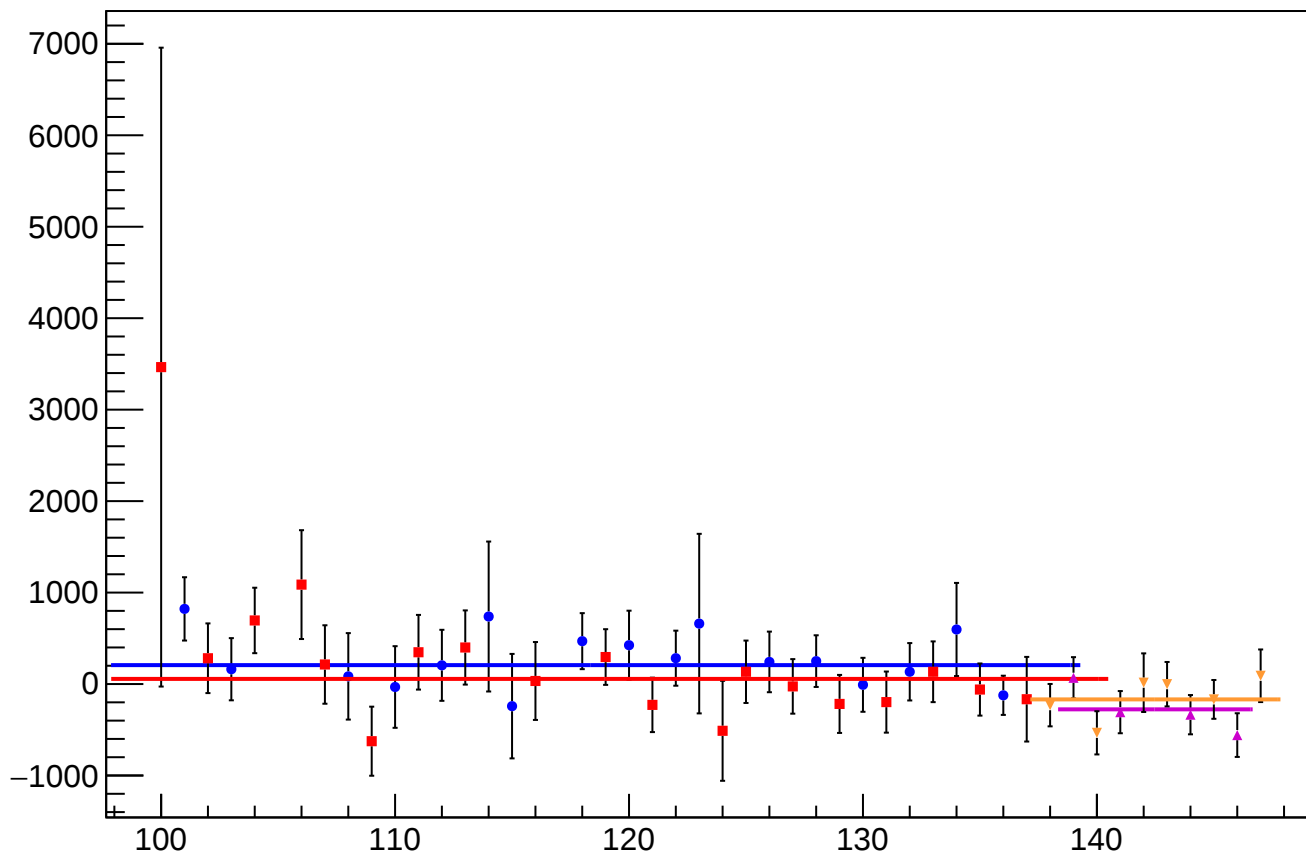
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 676.932 $\pm$ 0.155 χ^2/NDF :810949.9/20

Out: 671.605 $\pm$ 0.144 χ^2/NDF :821893.6/24

All: 674.071 $\pm$ 0.105 χ^2/NDF : 1633479.7/45

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$

Left Out: -167.874 ± 101.239 $\chi^2/\text{NDF}: 4.1/5$

Right Out: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$

Left In: -276.690 ± 113.455 $\chi^2/\text{NDF}: 3.8/3$

Left: -216.111 ± 75.538 $\chi^2/\text{NDF}: 8.4/9$

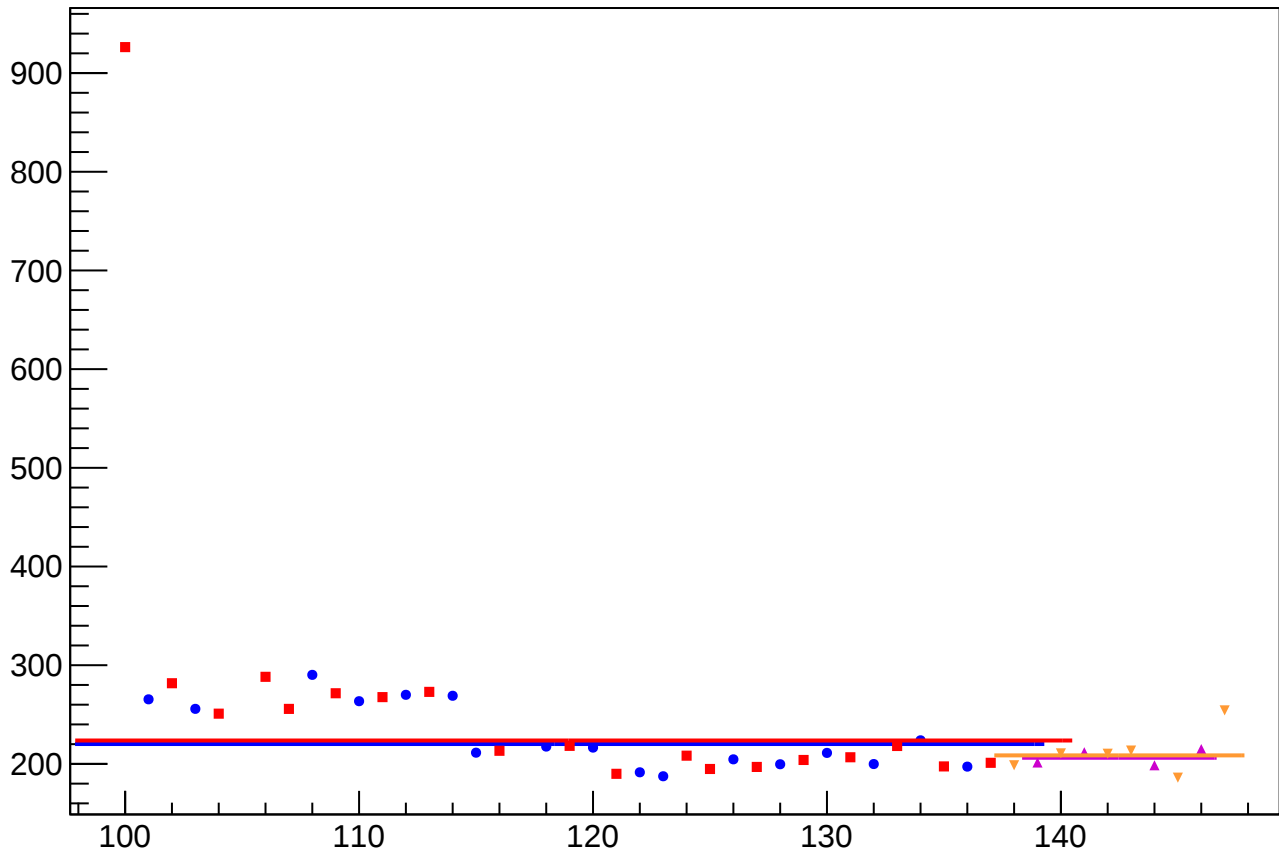
Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$

In: 31.378 ± 68.349 $\chi^2/\text{NDF}: 24.9/20$

Out: -36.652 ± 65.173 $\chi^2/\text{NDF}: 23.6/24$

All: -4.254 ± 47.167 $\chi^2/\text{NDF}: 49.0/45$

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: 208.623 $\pm$ 0.072 χ^2 /NDF: 77668.0/5

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 206.223 $\pm$ 0.080 χ^2 /NDF: 7319.2/3

Left: 207.559 $\pm$ 0.053 χ^2 /NDF: 85485.5/9

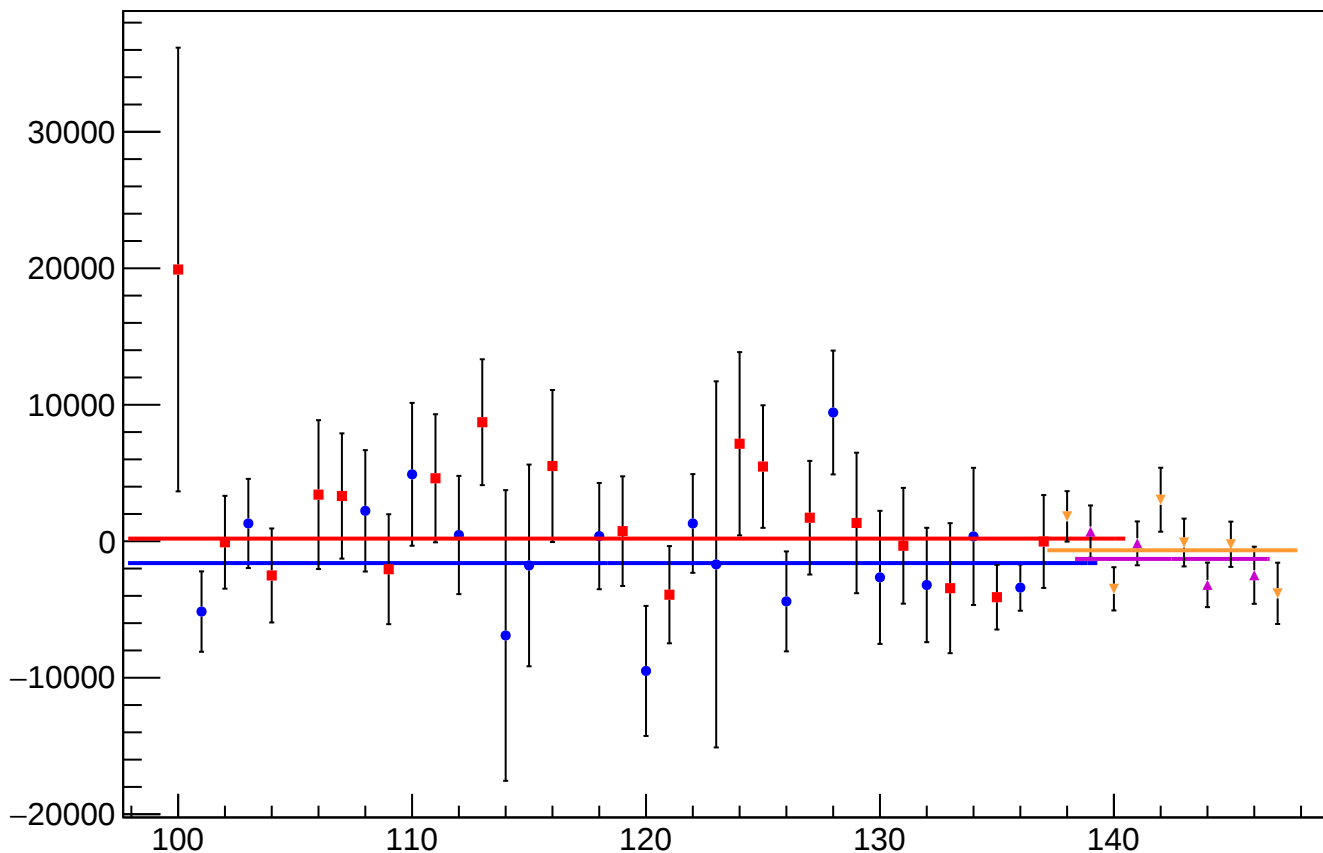
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 215.084 $\pm$ 0.048 χ^2 /NDF: 254916.0/20

Out: 217.455 $\pm$ 0.046 χ^2 /NDF: 456904.4/24

All: 216.326 $\pm$ 0.033 χ^2 /NDF: 713080.6/45

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: -661.632 $\pm$ 753.376 χ^2 /NDF:9.6/5

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -1294.047 $\pm$ 889.748 χ^2 /NDF:3.3/3

Left: -925.710 $\pm$ 574.954 χ^2 /NDF: 13.2/9

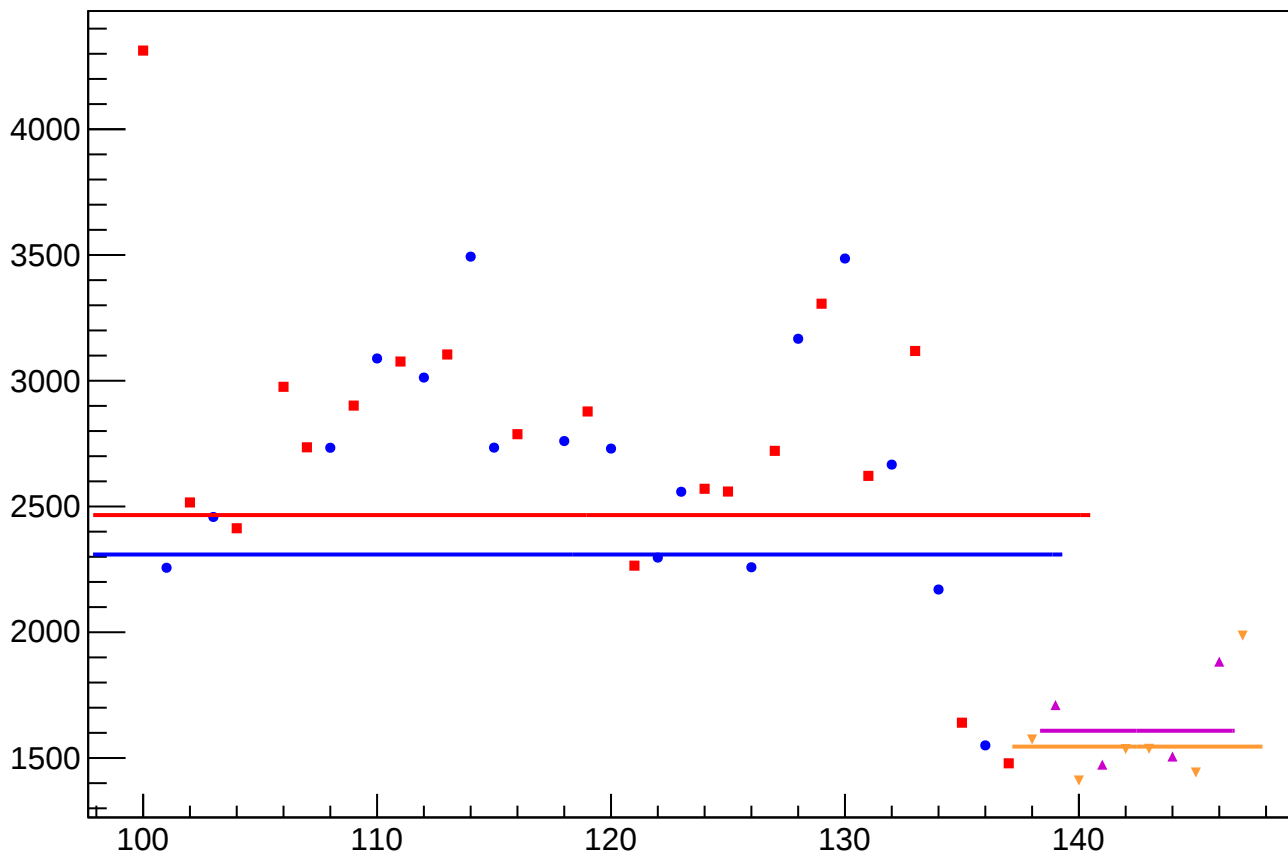
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -1441.276 $\pm$ 639.924 χ^2 /NDF:20.0/20

Out: -329.831 $\pm$ 589.684 χ^2 /NDF:26.4/24

All: -840.217 $\pm$ 433.645 χ^2 /NDF: 48.0/45

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: 1545.287 $\pm$ 0.533 χ^2/NDF : 99966.5/5

Right Out: 2465.900 $\pm$ 0.670 χ^2/NDF : 694086.3/18

Left In: 1608.341 $\pm$ 0.629 χ^2/NDF : 62084.4/3

Left: 1571.617 $\pm$ 0.407 χ^2/NDF : 167900.9/9

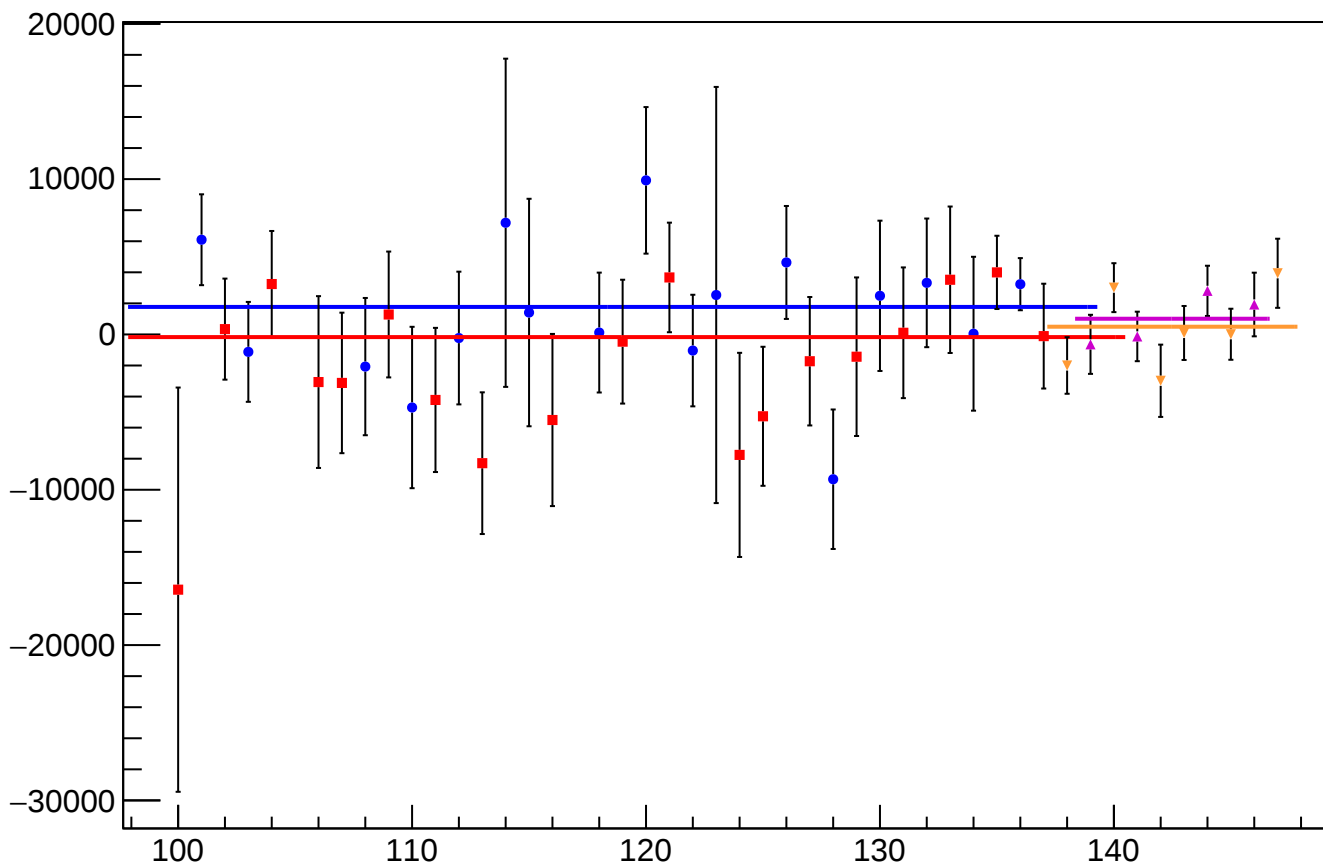
Right: 2385.298 $\pm$ 0.467 χ^2/NDF : 1522965.3/35

In: 1946.629 $\pm$ 0.452 χ^2/NDF : 1461735.4/20

Out: 1901.882 $\pm$ 0.417 χ^2/NDF : 1950854.8/24

All: 1922.430 $\pm$ 0.307 χ^2/NDF : 3417878.6/45

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 497.111+/-746.814 χ^2/NDF : 9.2/5

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 1010.897+/-880.161 χ^2/NDF : 2.7/3

Left: 712.175+/-569.449 χ^2/NDF : 12.1/9

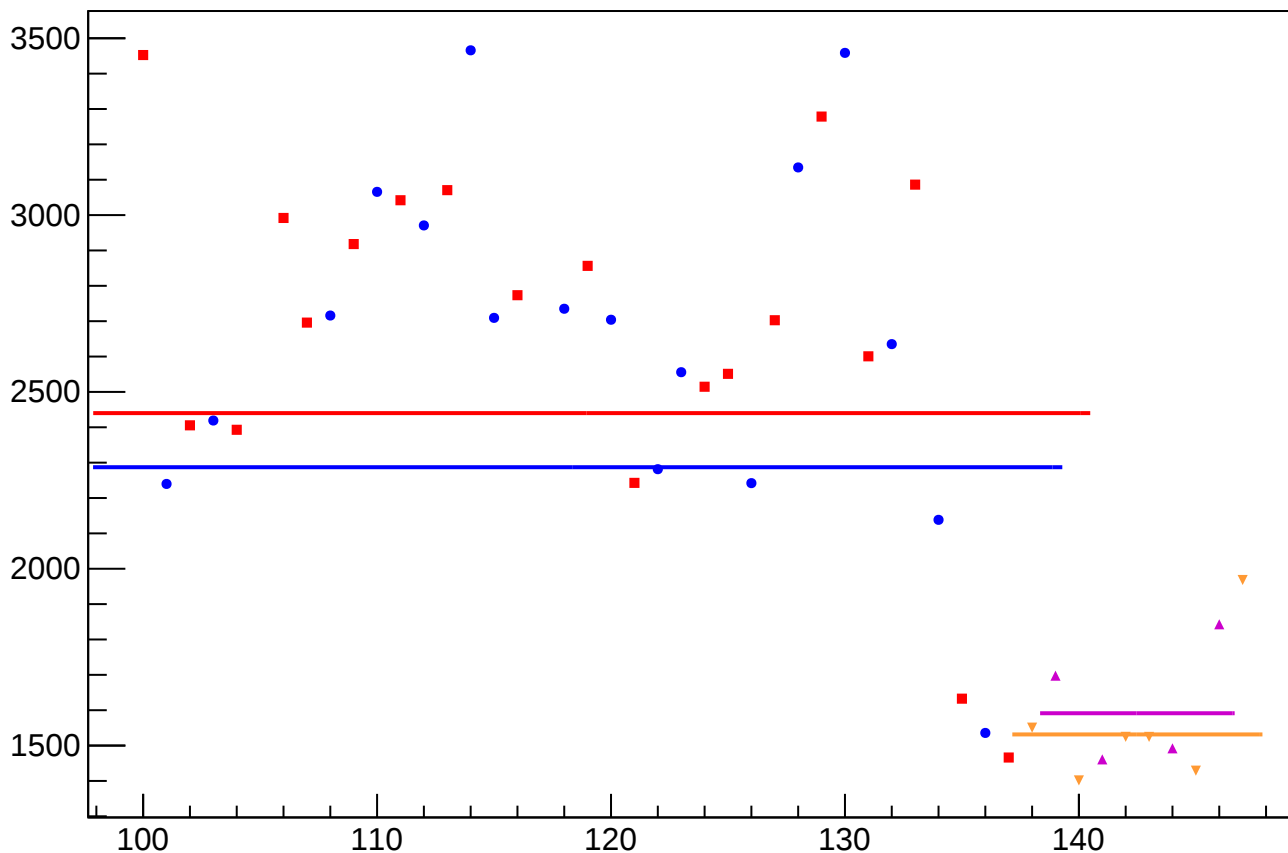
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1377.447+/-633.434 χ^2/NDF : 20.4/20

Out: 237.744+/-584.109 χ^2/NDF : 25.5/24

All: 761.500+/-429.408 χ^2/NDF : 47.7/45

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1531.535 $\pm$ 0.528 χ^2 /NDF: 98699.8/5

Right Out: 2440.067 $\pm$ 0.663 χ^2 /NDF: 679108.5/18

Left In: 1591.427 $\pm$ 0.622 χ^2 /NDF: 57313.2/3

Left: 1556.605 $\pm$ 0.403 χ^2 /NDF: 161397.3/9

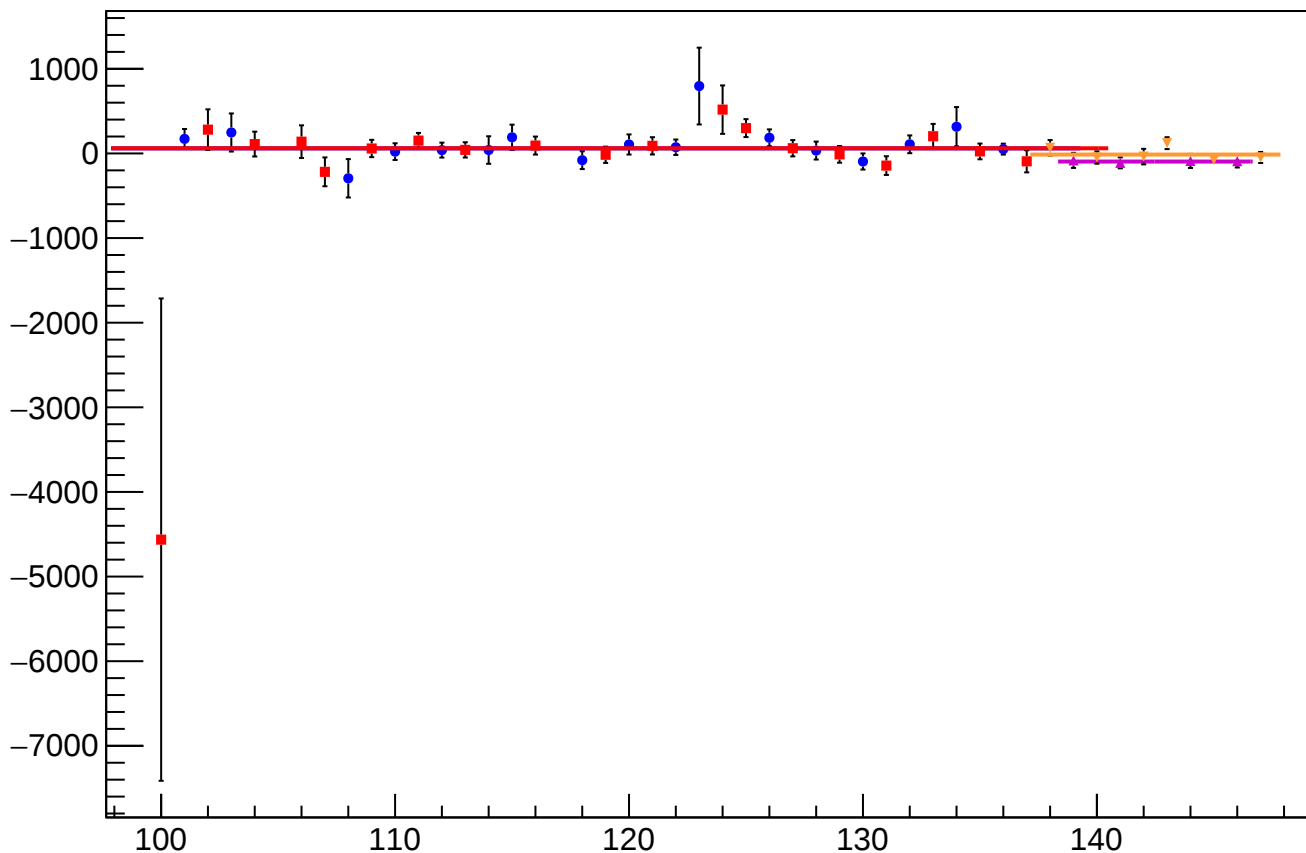
Right: 2361.511 $\pm$ 0.462 χ^2 /NDF: 1505856.7/35

In: 1926.784 $\pm$ 0.448 χ^2 /NDF: 1459022.1/20

Out: 1884.286 $\pm$ 0.413 χ^2 /NDF: 1927058.1/24

All: 1903.816 $\pm$ 0.304 χ^2 /NDF: 3390945.5/45

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -13.151+/-29.257 χ^2/NDF : 6.2/5

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -95.893+/-38.108 χ^2/NDF : 0.1/3

Left: -43.835+/-23.207 χ^2/NDF : 9.3/9

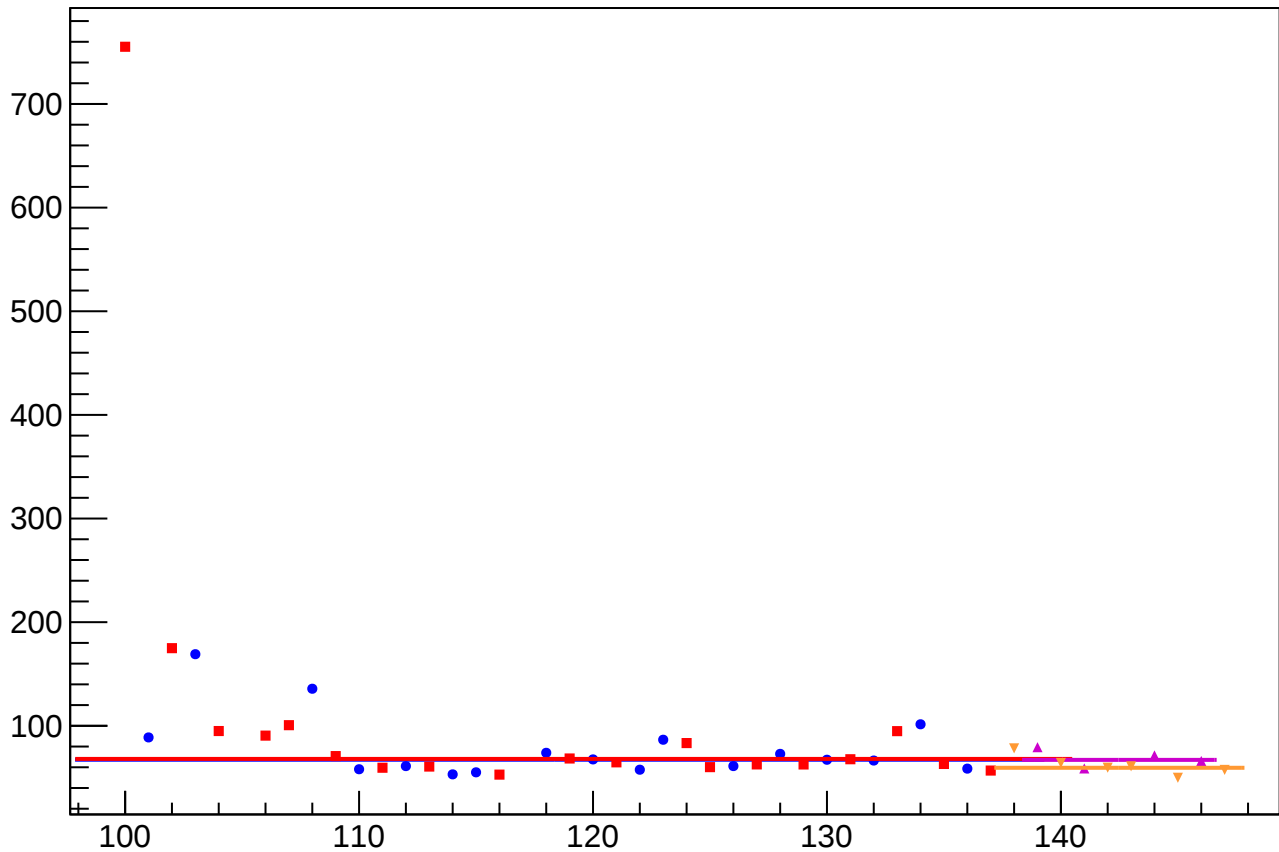
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 7.466+/-22.074 χ^2/NDF : 26.5/20

Out: 26.874+/-19.846 χ^2/NDF : 32.0/24

All: 18.199+/-14.758 χ^2/NDF : 58.9/45

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: 59.504 $\pm$ 0.021 χ^2 /NDF:150757.6/5

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 67.132 $\pm$ 0.027 χ^2 /NDF:76248.4/3

Left: 62.333 $\pm$ 0.016 χ^2 /NDF: 277425.5/9

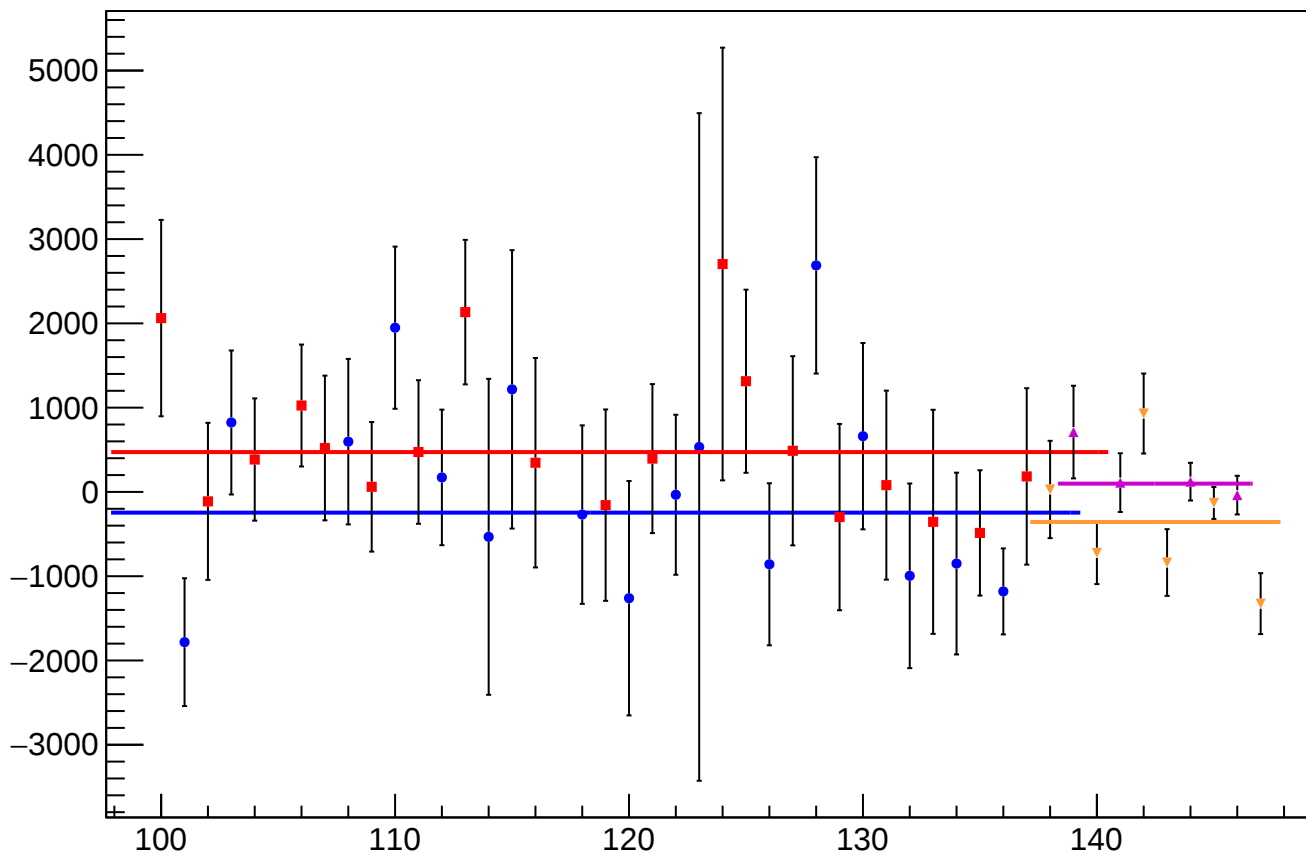
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 67.242 $\pm$ 0.016 χ^2 /NDF:917625.5/20

Out: 64.123 $\pm$ 0.014 χ^2 /NDF:1113717.6/24

All: 65.517 $\pm$ 0.010 χ^2 /NDF: 2053416.5/45

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 $\chi^2/\text{NDF}: 23.8/16$

Left Out: -356.600 ± 133.012 $\chi^2/\text{NDF}: 18.8/5$

Right Out: 472.860 ± 218.823 $\chi^2/\text{NDF}: 11.3/18$

Left In: 98.466 ± 140.703 $\chi^2/\text{NDF}: 1.6/3$

Left: -141.843 ± 96.658 $\chi^2/\text{NDF}: 26.0/9$

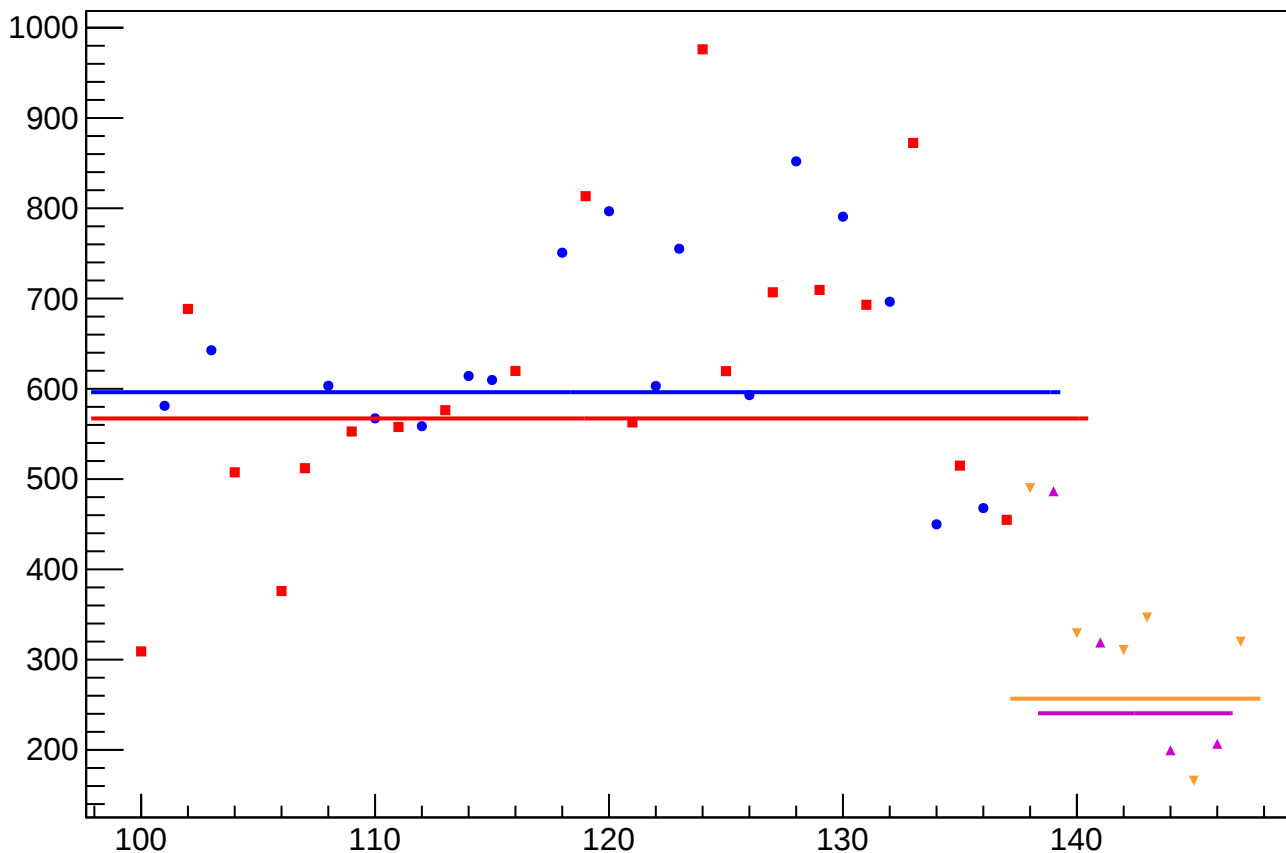
Right: 139.807 ± 160.273 $\chi^2/\text{NDF}: 40.1/35$

In: 7.893 ± 120.774 $\chi^2/\text{NDF}: 26.9/20$

Out: -132.814 ± 113.661 $\chi^2/\text{NDF}: 40.7/24$

All: -66.725 ± 82.771 $\chi^2/\text{NDF}: 68.3/45$

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 256.757 $\pm$ 0.094 χ^2 /NDF:1050913.9/5

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 240.598 $\pm$ 0.099 χ^2 /NDF:612039.0/3

Left: 249.131 $\pm$ 0.068 χ^2 /NDF: 1676881.5/9

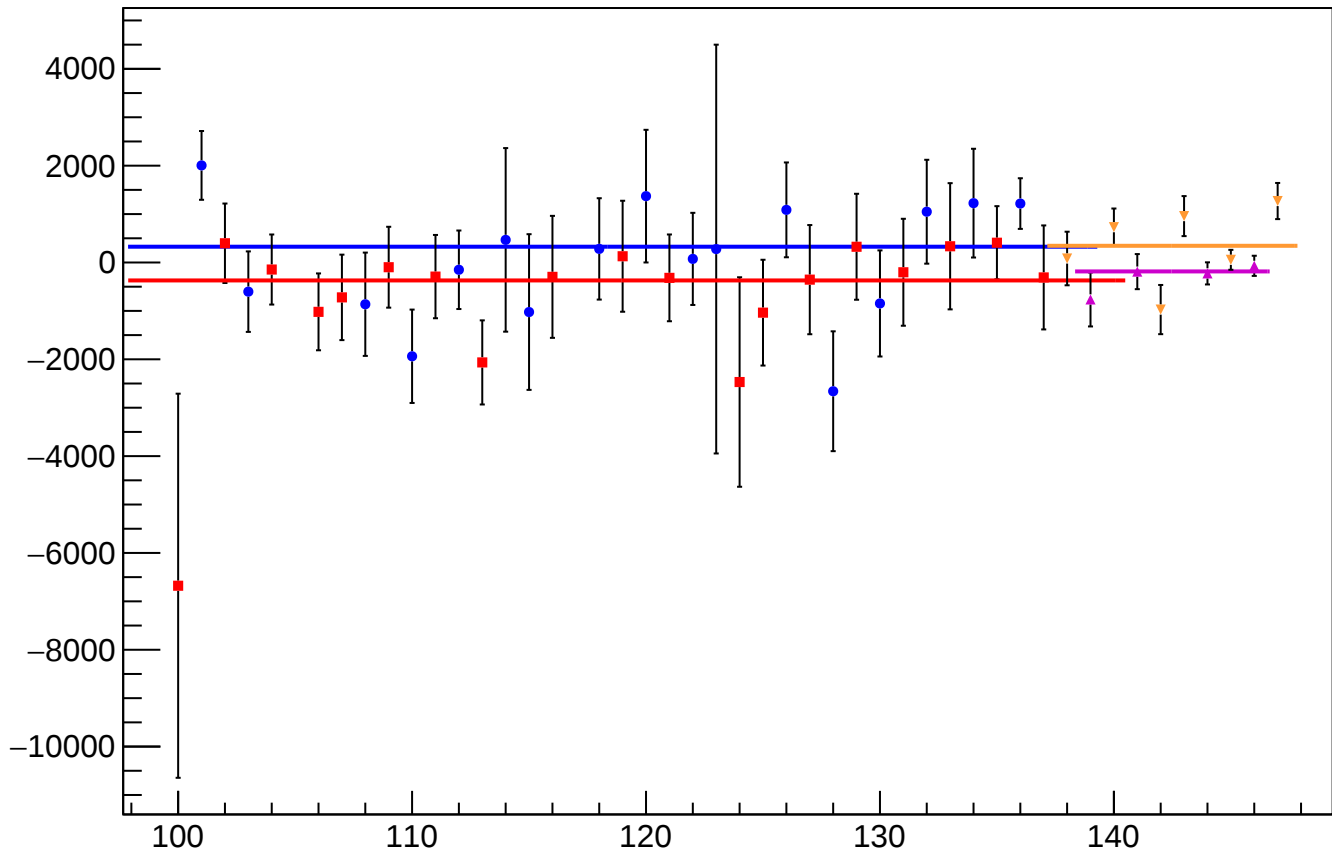
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 334.211 $\pm$ 0.085 χ^2 /NDF:4397604.6/20

Out: 340.507 $\pm$ 0.080 χ^2 /NDF:4665216.0/24

All: 337.550 $\pm$ 0.059 χ^2 /NDF: 9065703.0/45

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 344.890 ± 140.682 χ^2/NDF : 18.3/5

Right Out: -370.721 ± 224.892 χ^2/NDF : 11.5/18

Left In: -184.656 ± 137.297 χ^2/NDF : 1.4/3

Left: 73.669 ± 98.259 χ^2/NDF : 26.9/9

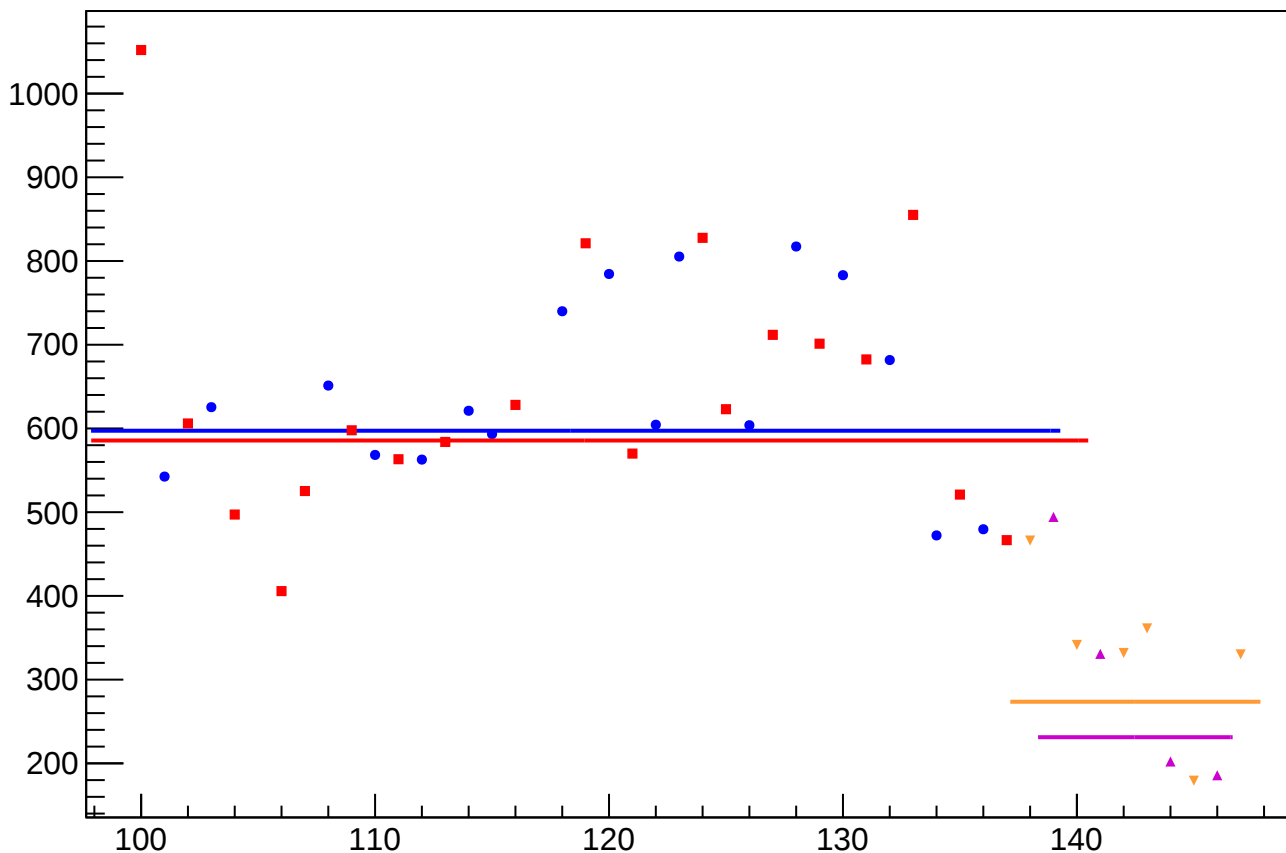
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: -55.179 ± 118.624 χ^2/NDF : 31.8/20

Out: 143.619 ± 119.269 χ^2/NDF : 37.1/24

All: 43.681 ± 84.107 χ^2/NDF : 70.3/45

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 273.593 $\pm$ 0.099 χ^2 /NDF:886201.7/5

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 231.234 $\pm$ 0.097 χ^2 /NDF:723475.4/3

Left: 251.898 $\pm$ 0.069 χ^2 /NDF: 1702543.8/9

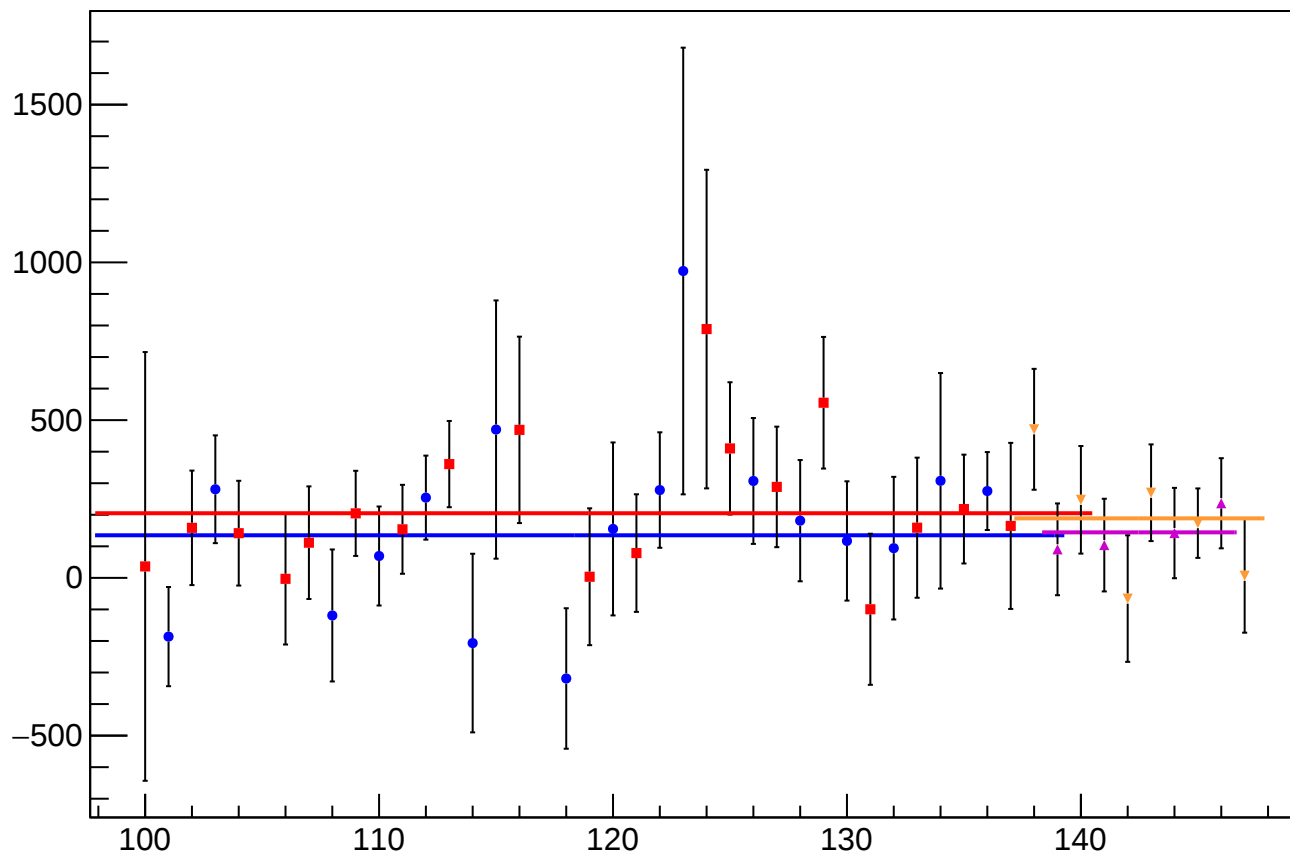
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 324.036 $\pm$ 0.084 χ^2 /NDF:4691416.5/20

Out: 361.352 $\pm$ 0.084 χ^2 /NDF:4127924.9/24

All: 342.592 $\pm$ 0.059 χ^2 /NDF: 8917761.5/45

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: 188.650 $\pm$ 64.234 χ^2 /NDF: 5.2/5

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 144.269 $\pm$ 72.289 χ^2 /NDF: 0.6/3

Left: 169.069 $\pm$ 48.017 χ^2 /NDF: 6.1/9

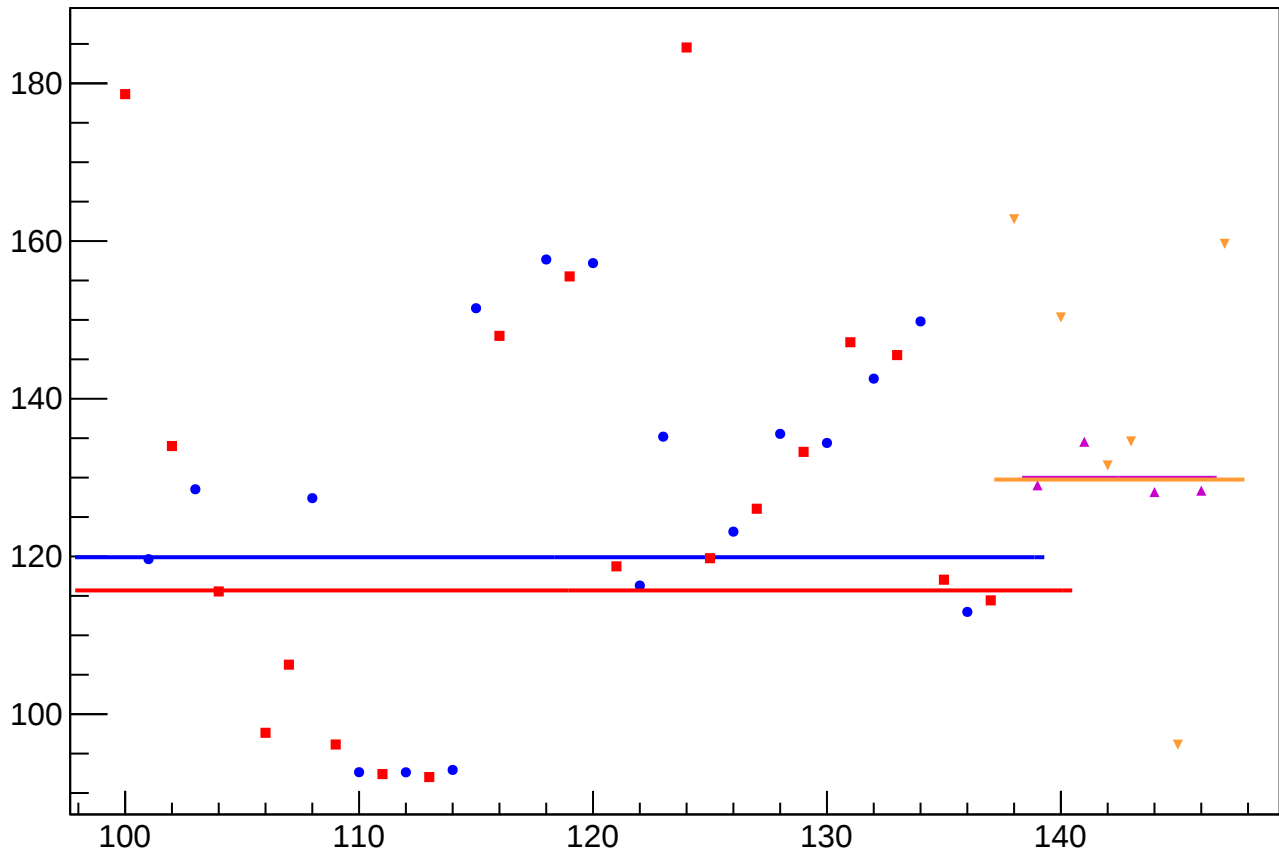
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 137.776 $\pm$ 39.418 χ^2 /NDF: 18.7/20

Out: 199.617 $\pm$ 36.546 χ^2 /NDF: 17.3/24

All: 171.031 $\pm$ 26.800 χ^2 /NDF: 37.4/45

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: 129.752 $\pm$ 0.045 χ^2/NDF :332169.3/5

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 129.971 $\pm$ 0.051 χ^2/NDF :2599.4/3

Left: 129.849 $\pm$ 0.034 χ^2/NDF : 334779.0/9

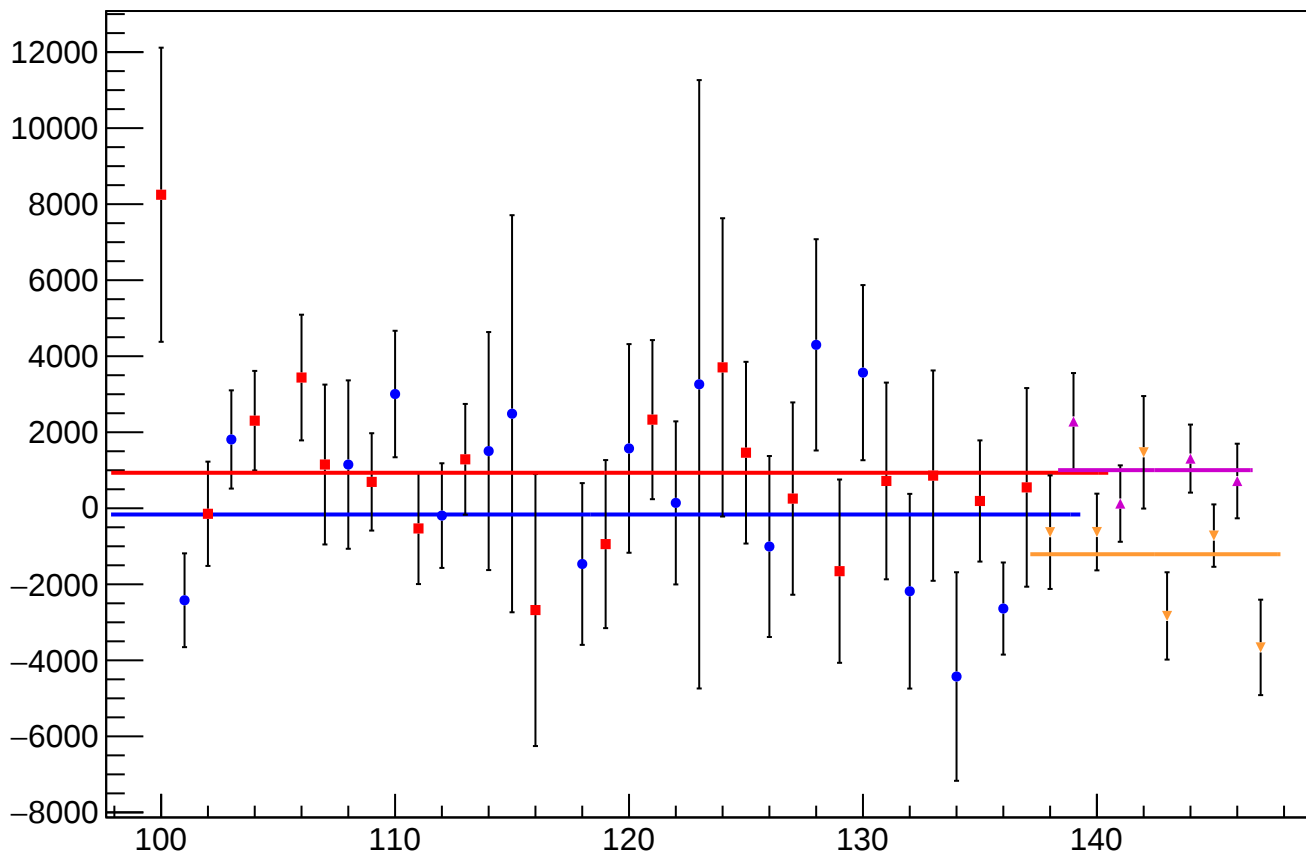
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 122.897 $\pm$ 0.028 χ^2/NDF :375366.7/20

Out: 120.244 $\pm$ 0.026 χ^2/NDF :832307.1/24

All: 121.470 $\pm$ 0.019 χ^2/NDF : 1212545.9/45

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1208.859+/-458.091 χ^2/NDF : 9.9/5

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 1003.092+/-506.900 χ^2/NDF : 2.0/3

Left: -214.480+/-339.869 χ^2/NDF : 22.4/9

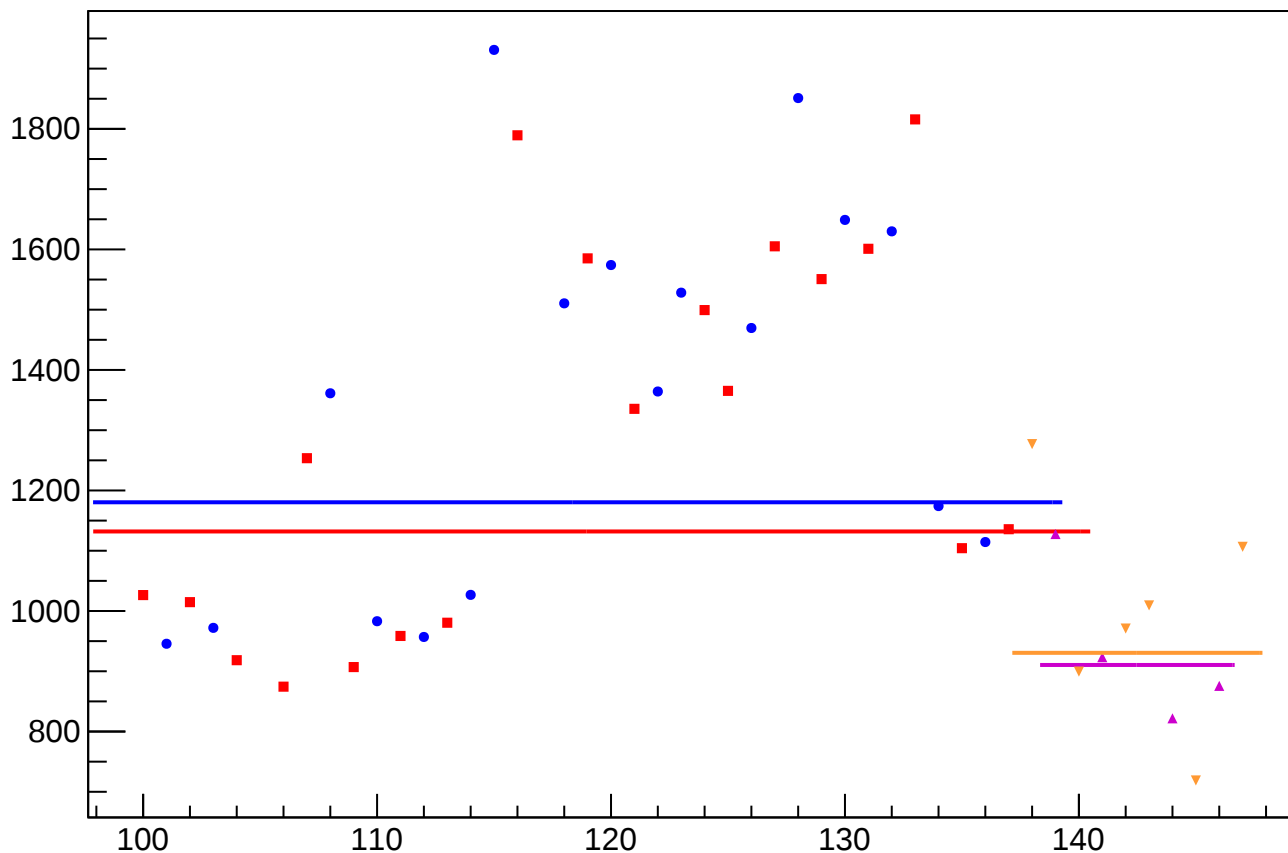
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 375.269+/-344.487 χ^2/NDF : 28.5/20

Out: -88.556+/-316.444 χ^2/NDF : 34.3/24

All: 123.712+/-233.044 χ^2/NDF : 63.8/45

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 930.594+/-0.324 χ^2/NDF : 292846.8/5

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 910.443+/-0.358 χ^2/NDF : 80526.4/3

Left: 921.535+/-0.240 χ^2/NDF : 375112.9/9

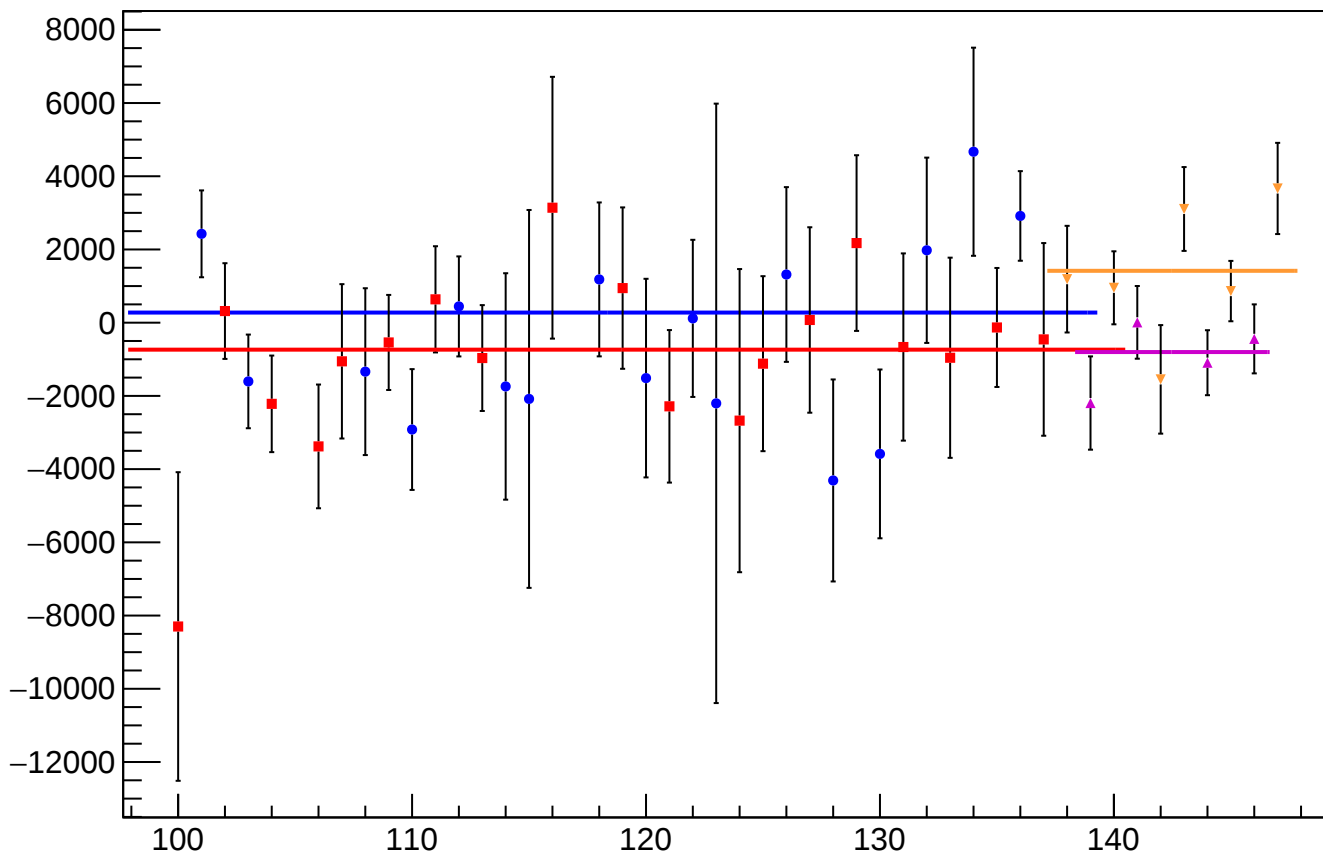
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1055.722+/-0.244 χ^2/NDF : 1054643.9/20

Out: 1035.880+/-0.224 χ^2/NDF : 1256830.8/24

All: 1044.961+/-0.165 χ^2/NDF : 2315073.5/45

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1416.830 $\pm$ 455.918 χ^2 /NDF:10.1/5

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -802.189 $\pm$ 498.424 χ^2 /NDF:2.1/3

Left: 405.958 $\pm$ 336.408 χ^2 /NDF: 23.0/9

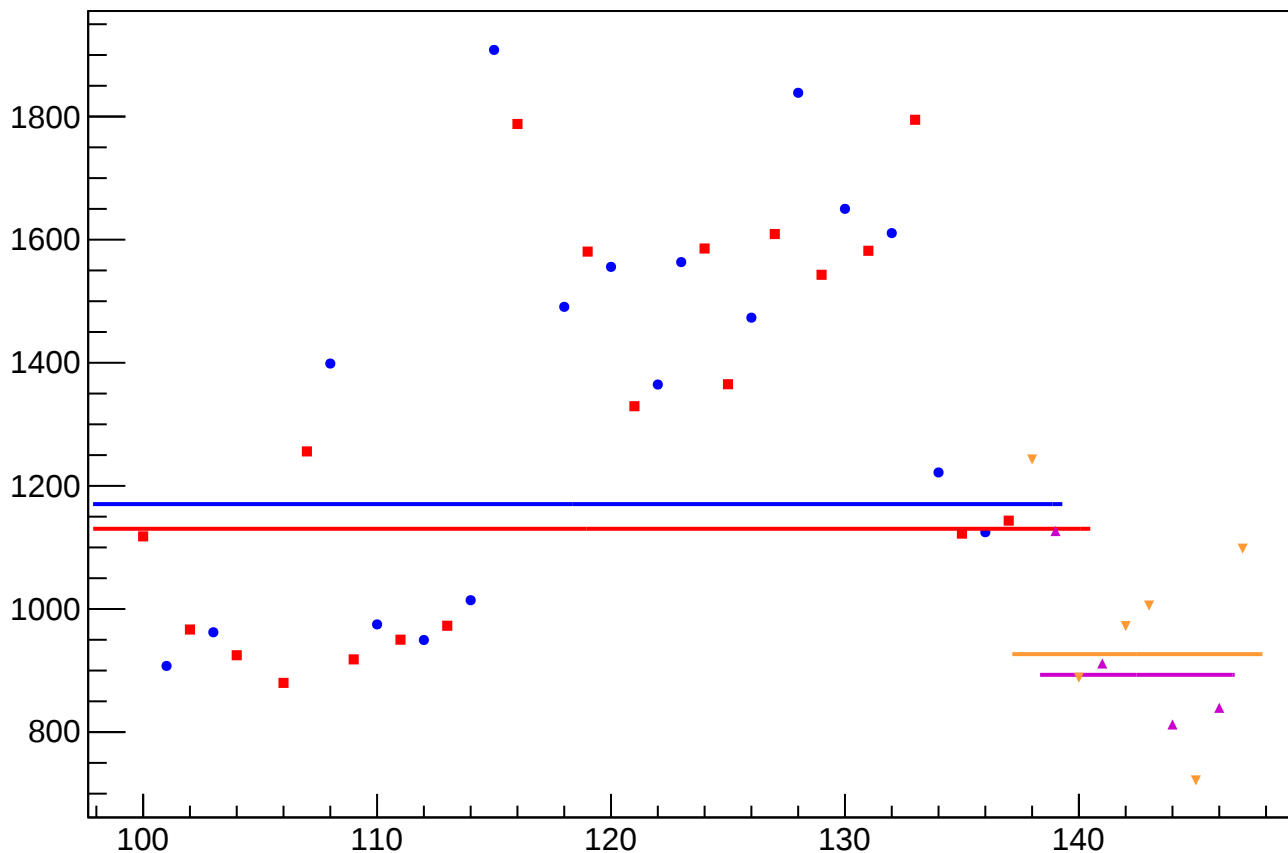
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -227.151 $\pm$ 340.563 χ^2 /NDF:28.9/20

Out: 295.536 $\pm$ 315.650 χ^2 /NDF:34.6/24

All: 54.007 $\pm$ 231.505 χ^2 /NDF: 64.8/45

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 926.661 $\pm$ 0.322 χ^2/NDF : 270396.6/5

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 893.037 $\pm$ 0.352 χ^2/NDF : 90895.5/3

Left: 911.344 $\pm$ 0.238 χ^2/NDF : 366247.5/9

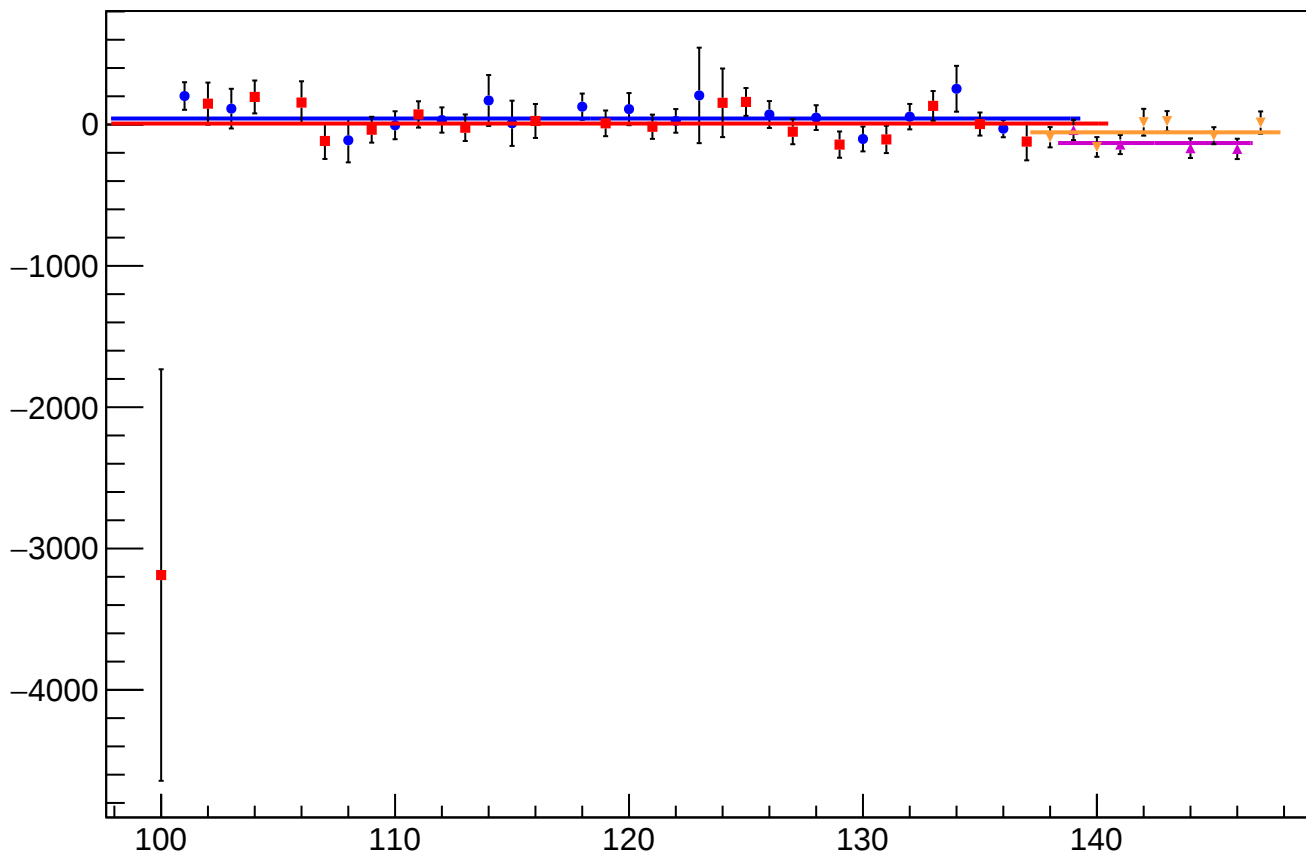
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1040.910 $\pm$ 0.241 χ^2/NDF : 1126579.7/20

Out: 1032.700 $\pm$ 0.223 χ^2/NDF : 1241234.7/24

All: 1036.494 $\pm$ 0.164 χ^2/NDF : 2368439.5/45

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: -55.028 ± 29.543 $\chi^2/\text{NDF}: 5.2/5$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -130.713 ± 35.032 $\chi^2/\text{NDF}: 2.3/3$

Left: -86.483 ± 22.584 $\chi^2/\text{NDF}: 10.2/9$

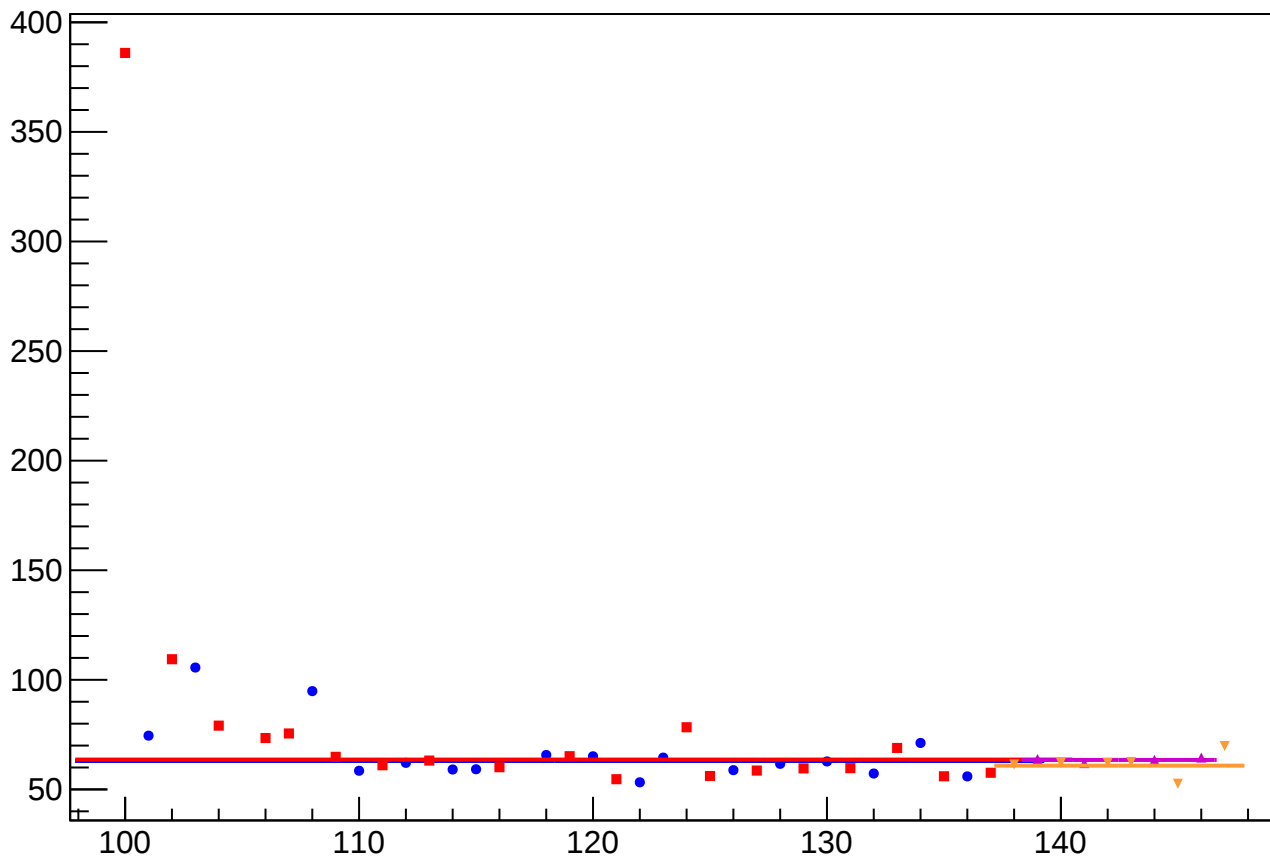
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -14.902 ± 20.187 $\chi^2/\text{NDF}: 30.6/20$

Out: -18.209 ± 18.854 $\chi^2/\text{NDF}: 28.4/24$

All: -16.668 ± 13.779 $\chi^2/\text{NDF}: 59.0/45$

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: 60.843 $\pm$ 0.021 χ^2 /NDF: 65571.9/5

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.440 $\pm$ 0.025 χ^2 /NDF: 1437.7/3

Left: 61.922 $\pm$ 0.016 χ^2 /NDF: 73428.9/9

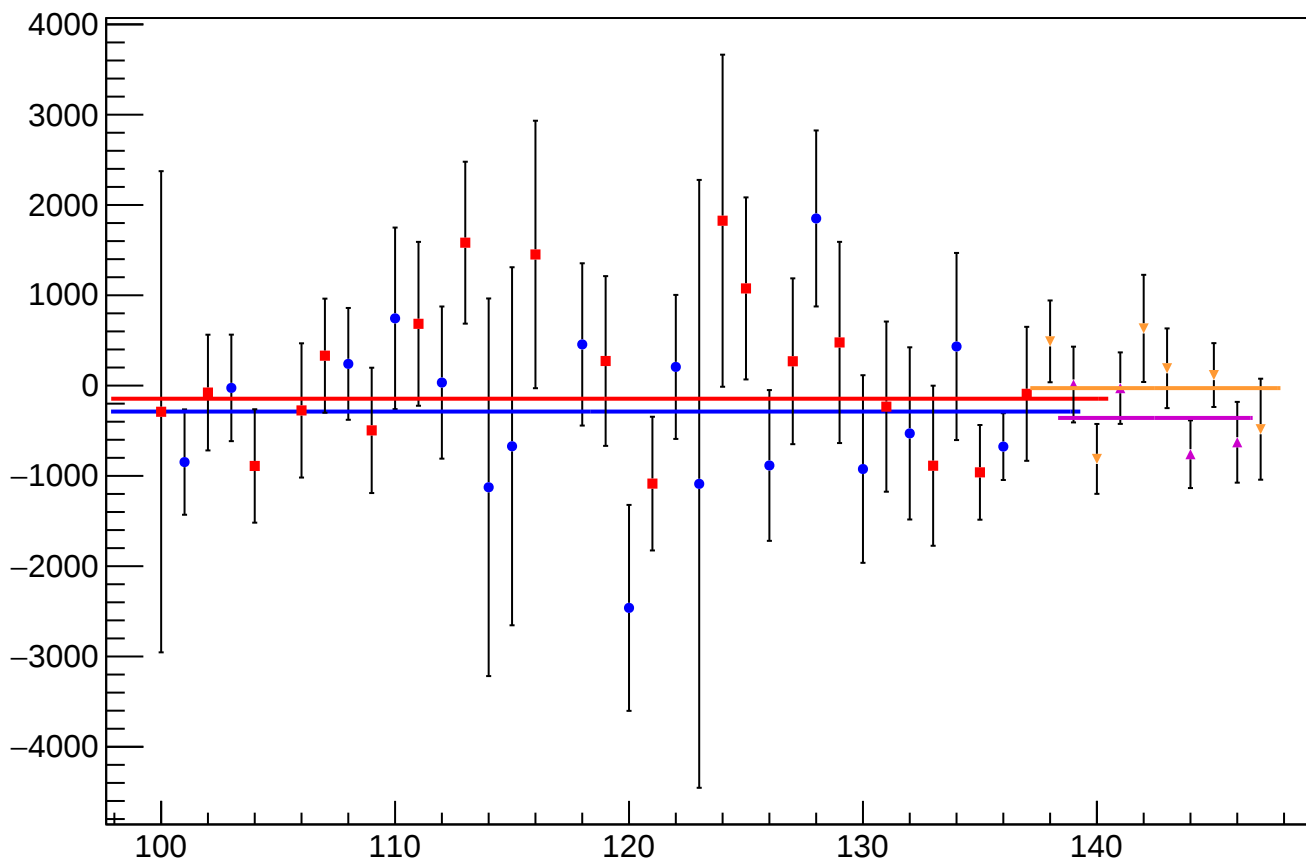
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.133 $\pm$ 0.014 χ^2 /NDF: 376930.9/20

Out: 62.485 $\pm$ 0.013 χ^2 /NDF: 509543.0/24

All: 62.787 $\pm$ 0.010 χ^2 /NDF: 887572.6/45

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -28.040 ± 180.404 $\chi^2/\text{NDF}: 7.7/5$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -358.195 ± 203.389 $\chi^2/\text{NDF}: 3.0/3$

Left: -173.415 ± 134.963 $\chi^2/\text{NDF}: 12.2/9$

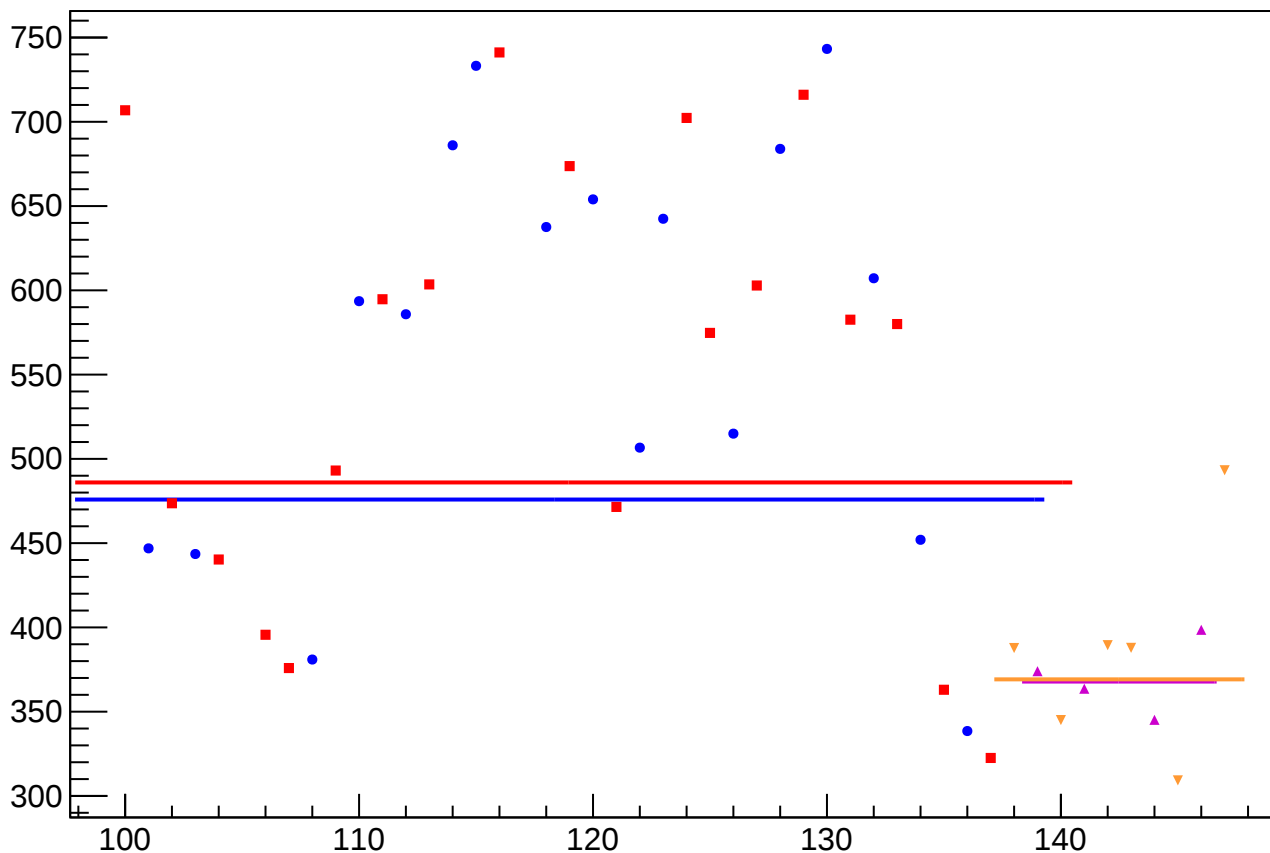
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -320.521 ± 138.799 $\chi^2/\text{NDF}: 18.4/20$

Out: -84.488 ± 129.938 $\chi^2/\text{NDF}: 24.0/24$

All: -194.731 ± 94.858 $\chi^2/\text{NDF}: 43.9/45$

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: 369.175+/-0.128 χ^2/NDF : 173015.8/5

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 367.868+/-0.144 χ^2/NDF : 17422.2/3

Left: 368.600+/-0.095 χ^2/NDF : 190484.3/9

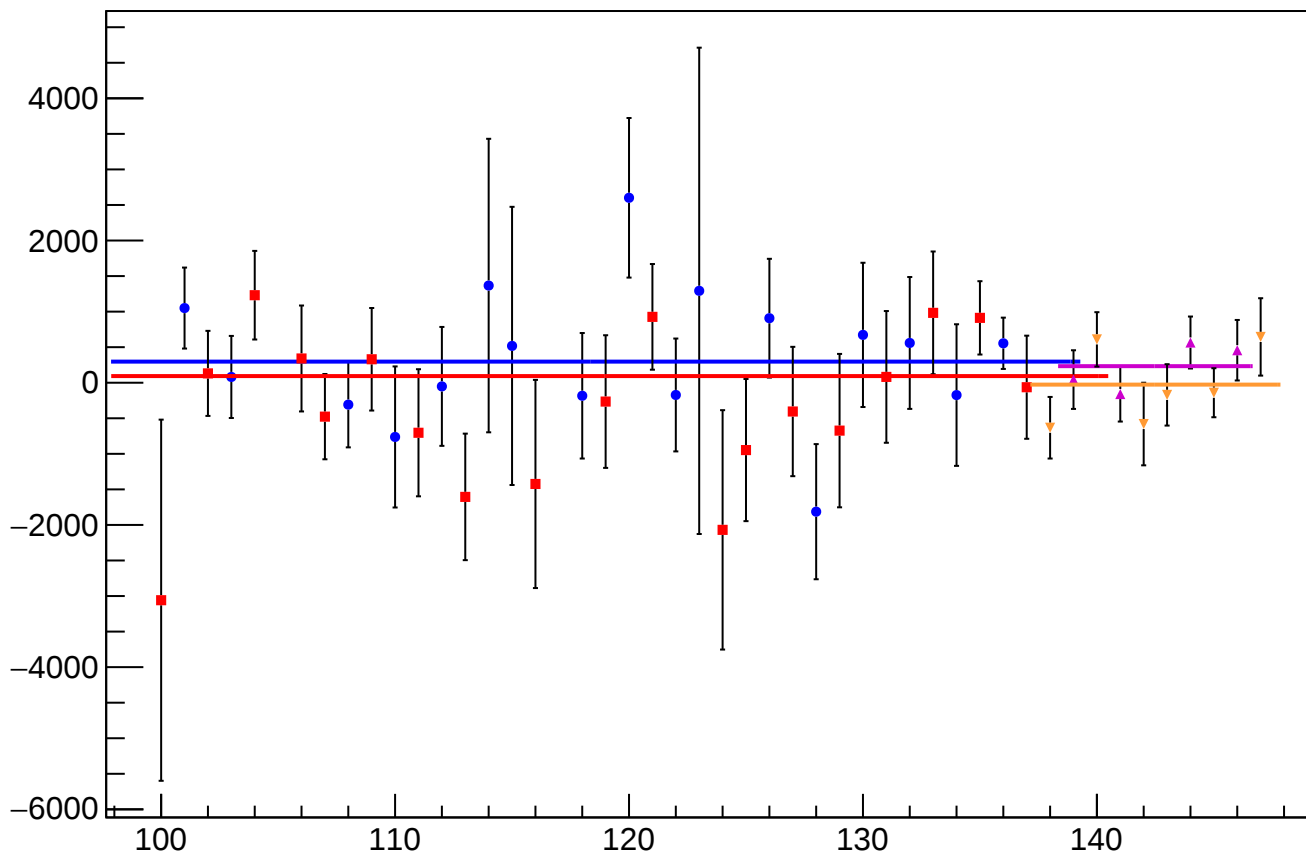
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 425.573+/-0.098 χ^2/NDF : 1156545.3/20

Out: 425.399+/-0.092 χ^2/NDF : 1306812.2/24

All: 425.480+/-0.067 χ^2/NDF : 2463359.1/45

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: -26.539 $\pm$ 176.006 χ^2 /NDF: 7.4/5

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 233.050 $\pm$ 197.773 χ^2 /NDF: 2.3/3

Left: 88.189 $\pm$ 131.480 χ^2 /NDF: 10.7/9

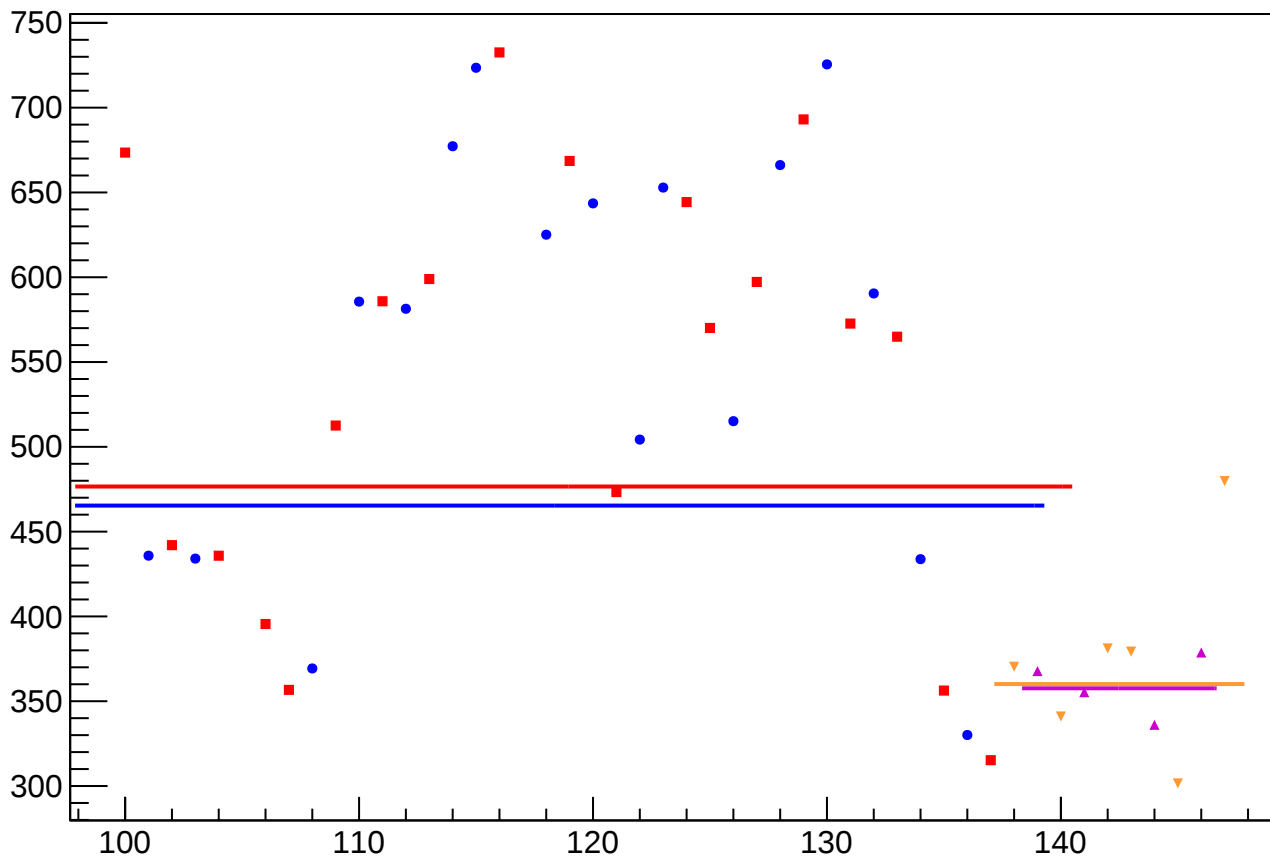
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 266.980 $\pm$ 135.483 χ^2 /NDF: 18.3/20

Out: 30.854 $\pm$ 127.160 χ^2 /NDF: 27.7/24

All: 141.442 $\pm$ 92.719 χ^2 /NDF: 47.6/45

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 360.114+/-0.124 χ^2/NDF : 167126.9/5

Right Out: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 357.617+/-0.140 χ^2/NDF : 13154.8/3

Left: 359.011+/-0.093 χ^2/NDF : 180459.6/9

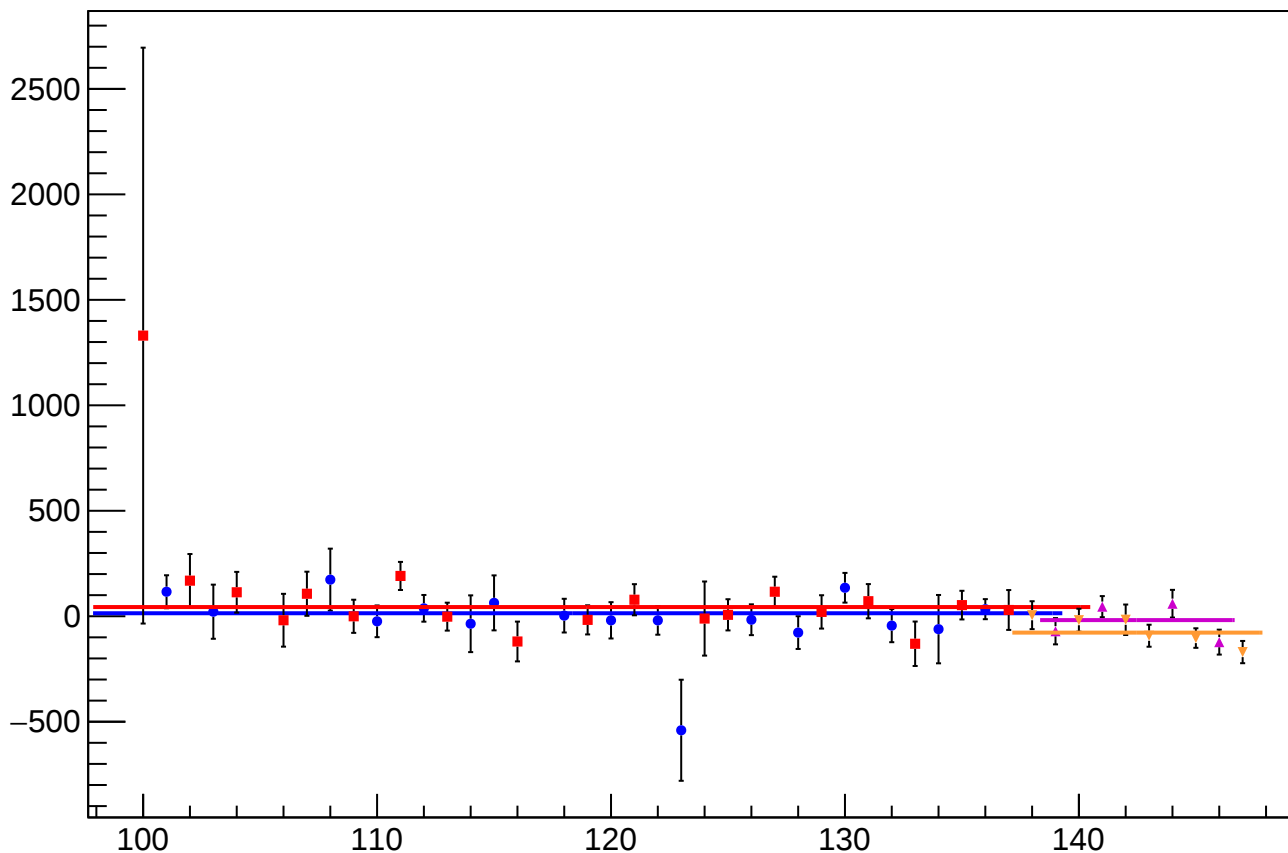
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 414.796+/-0.096 χ^2/NDF : 1188564.6/20

Out: 415.797+/-0.090 χ^2/NDF : 1338815.3/24

All: 415.328+/-0.066 χ^2/NDF : 2527438.0/45

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -77.563 ± 22.626 χ^2/NDF : 6.9/5

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -18.255 ± 29.165 χ^2/NDF : 6.9/3

Left: -55.280 ± 17.877 χ^2/NDF : 16.3/9

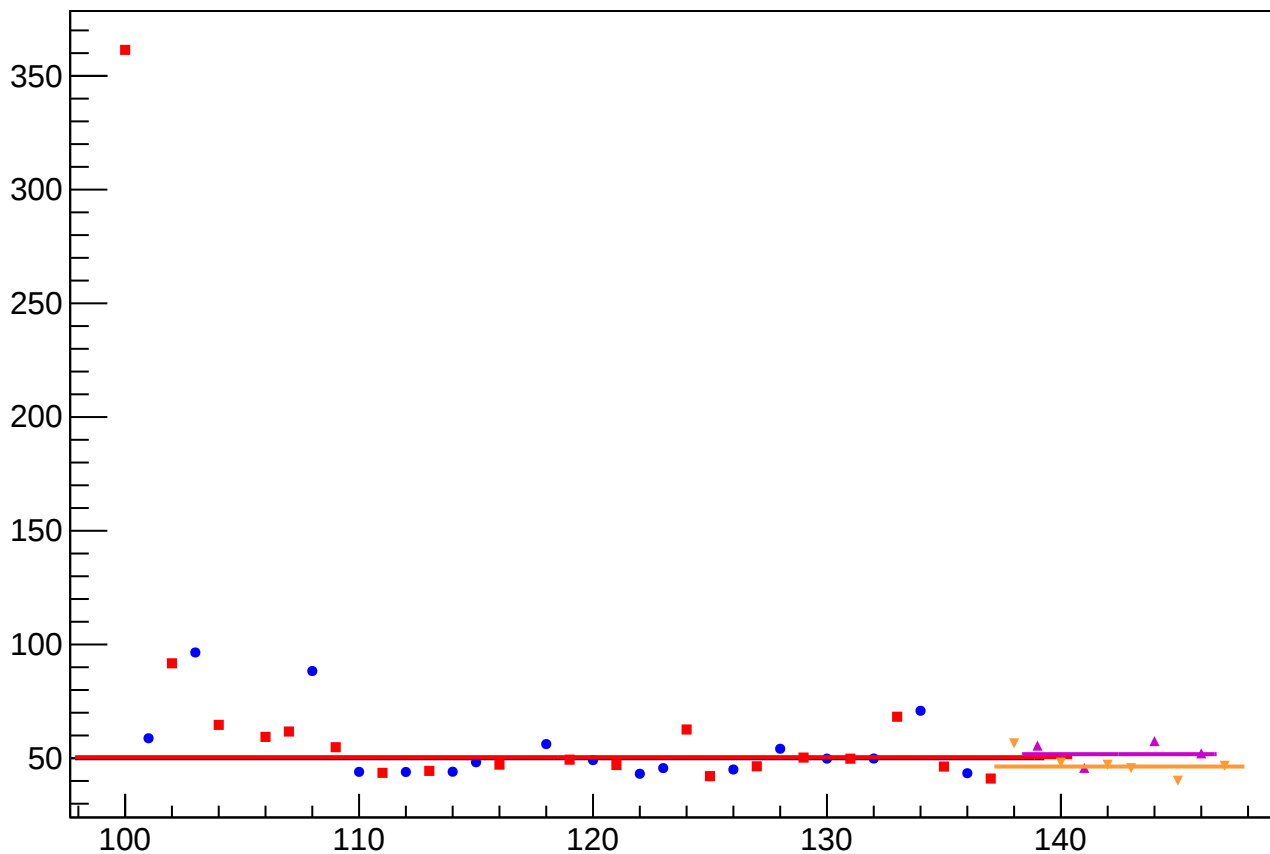
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: 3.950 ± 16.419 χ^2/NDF : 22.5/20

Out: -8.486 ± 14.835 χ^2/NDF : 40.3/24

All: -2.896 ± 11.008 χ^2/NDF : 63.1/45

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: 46.348+/-0.016 χ^2/NDF : 86363.4/5

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 51.781+/-0.021 χ^2/NDF : 51691.1/3

Left: 48.389+/-0.013 χ^2/NDF : 181386.5/9

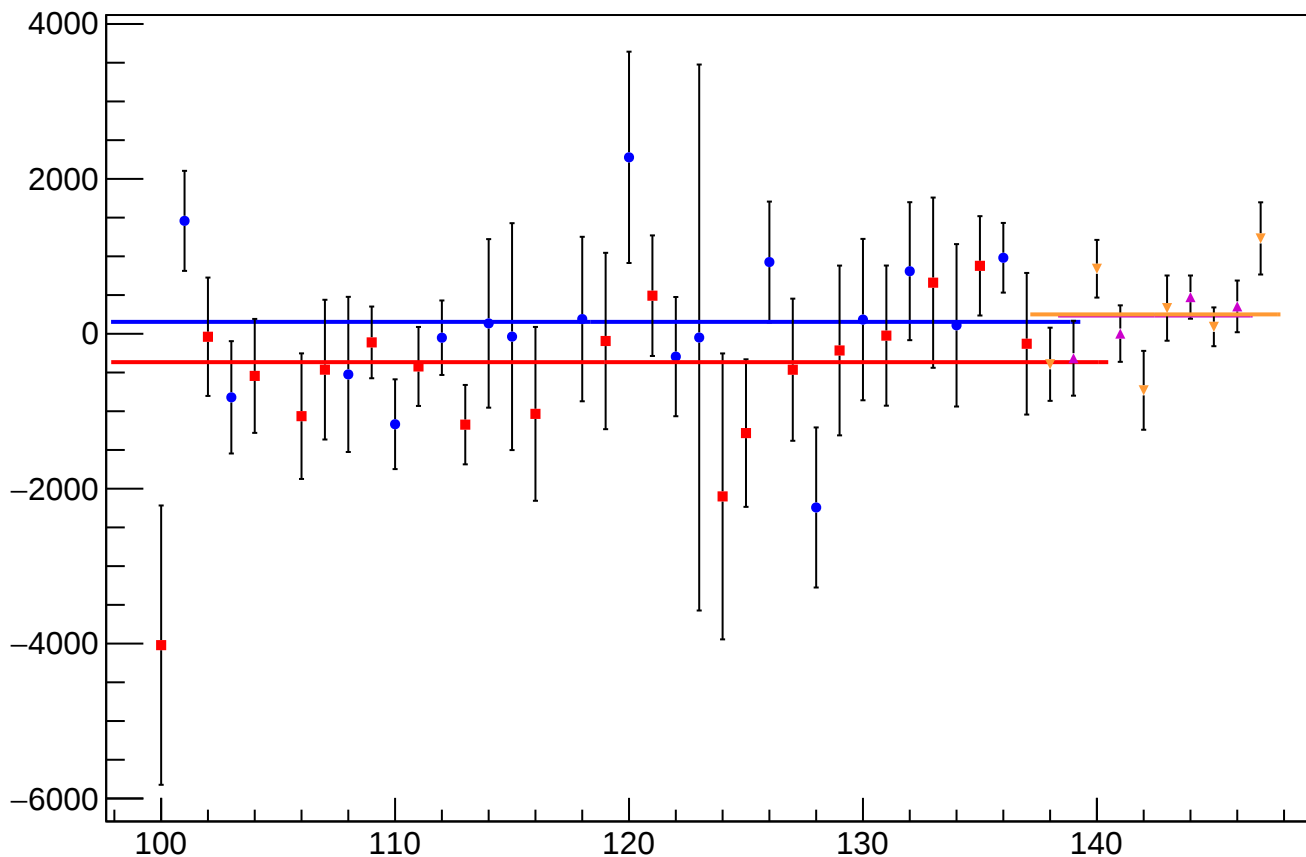
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 50.546+/-0.012 χ^2/NDF : 635692.4/20

Out: 48.699+/-0.010 χ^2/NDF : 695546.5/24

All: 49.529+/-0.008 χ^2/NDF : 1345170.4/45

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: 250.344 $\pm$ 154.804 χ^2 /NDF:12.9/5

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 235.867 $\pm$ 172.418 χ^2 /NDF:2.6/3

Left: 243.883 $\pm$ 115.189 χ^2 /NDF: 15.5/9

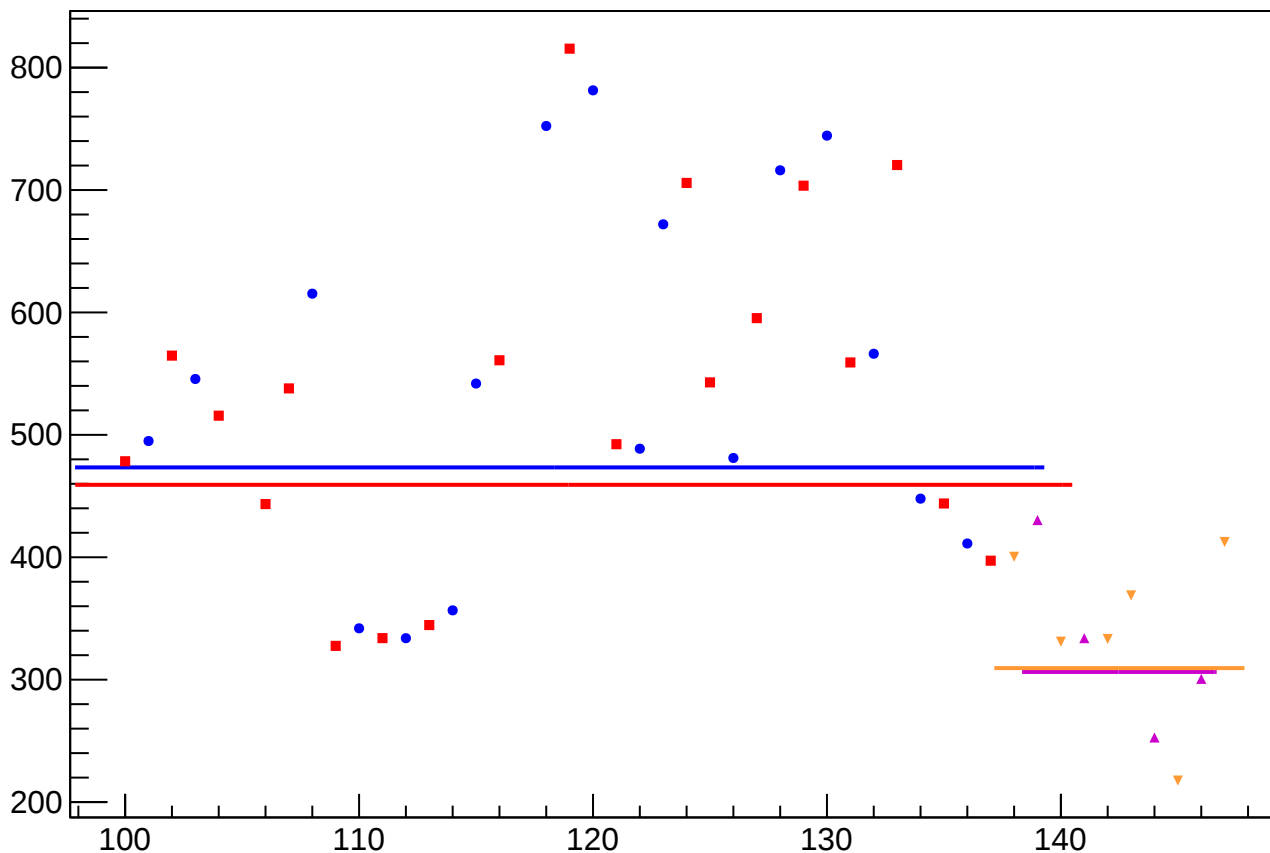
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 198.817 $\pm$ 127.671 χ^2 /NDF:27.5/20

Out: -13.660 $\pm$ 117.064 χ^2 /NDF:35.9/24

All: 83.387 $\pm$ 86.284 χ^2 /NDF: 64.9/45

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: 309.448 $\pm$ 0.109 χ^2 /NDF:491854.9/5

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 306.307 $\pm$ 0.122 χ^2 /NDF:217550.2/3

Left: 308.046 $\pm$ 0.081 χ^2 /NDF: 709772.8/9

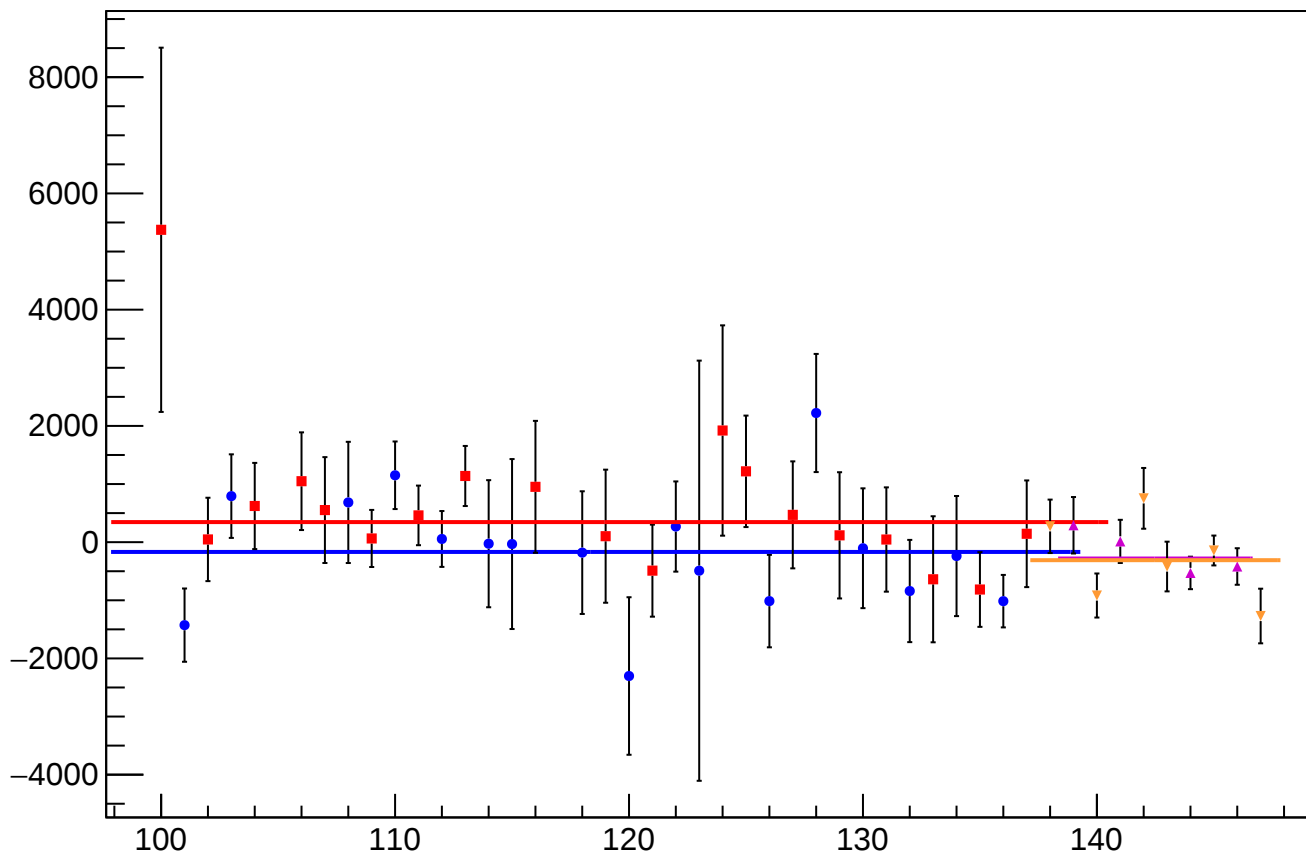
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 381.785 $\pm$ 0.090 χ^2 /NDF:1981001.0/20

Out: 373.555 $\pm$ 0.083 χ^2 /NDF:2299436.3/24

All: 377.314 $\pm$ 0.061 χ^2 /NDF: 4284952.3/45

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -309.924 $\pm$ 157.117 χ^2 /NDF:13.0/5

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -281.277 $\pm$ 170.430 χ^2 /NDF:3.0/3

Left: -296.763 $\pm$ 115.519 χ^2 /NDF: 16.0/9

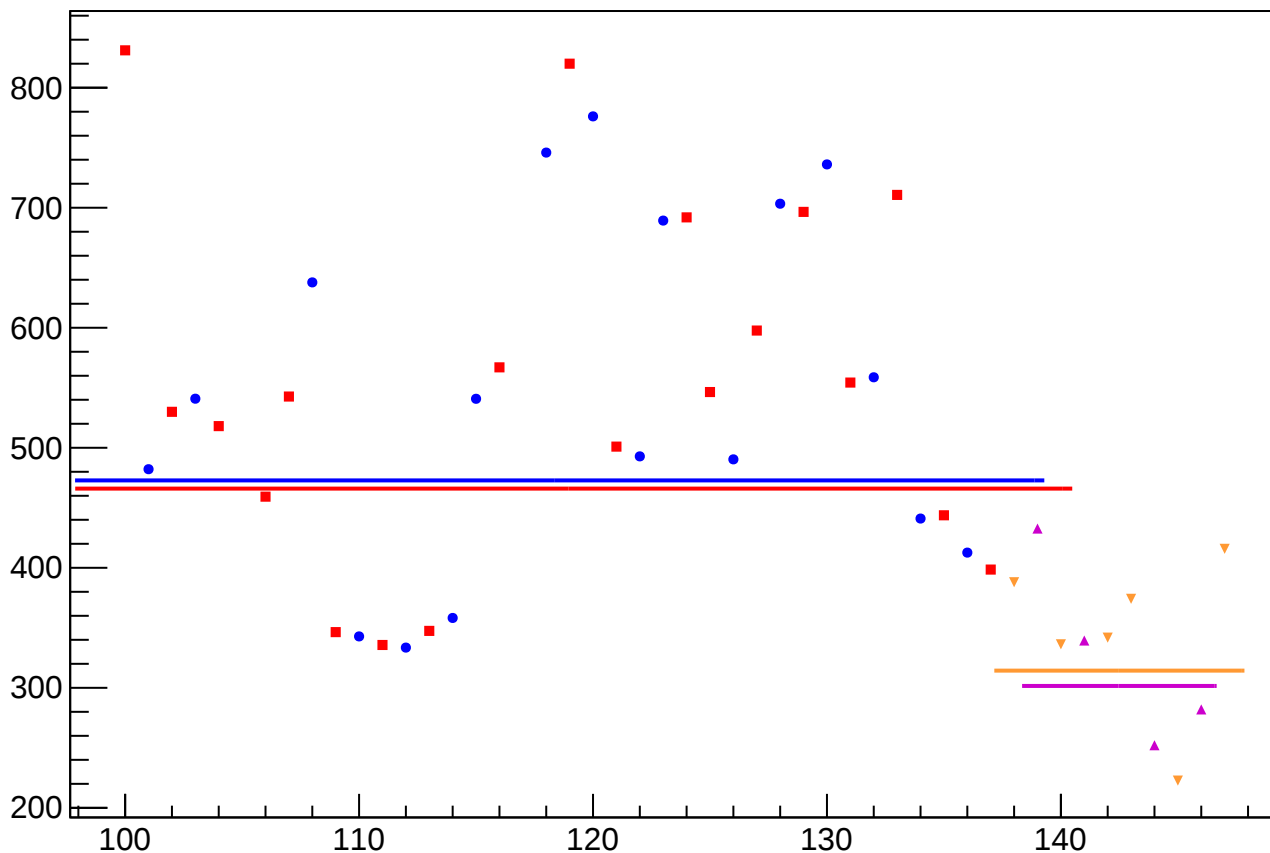
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -230.721 $\pm$ 126.797 χ^2 /NDF:28.6/20

Out: -28.739 $\pm$ 118.722 χ^2 /NDF:34.2/24

All: -123.095 $\pm$ 86.663 χ^2 /NDF: 64.1/45

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 314.329+/-0.111 χ^2/NDF : 450364.0/5

Right Out: 465.987+/-0.128 χ^2/NDF : 942033.1/18

Left In: 301.563+/-0.121 χ^2/NDF : 236845.3/3

Left: 308.464+/-0.082 χ^2/NDF : 693275.3/9

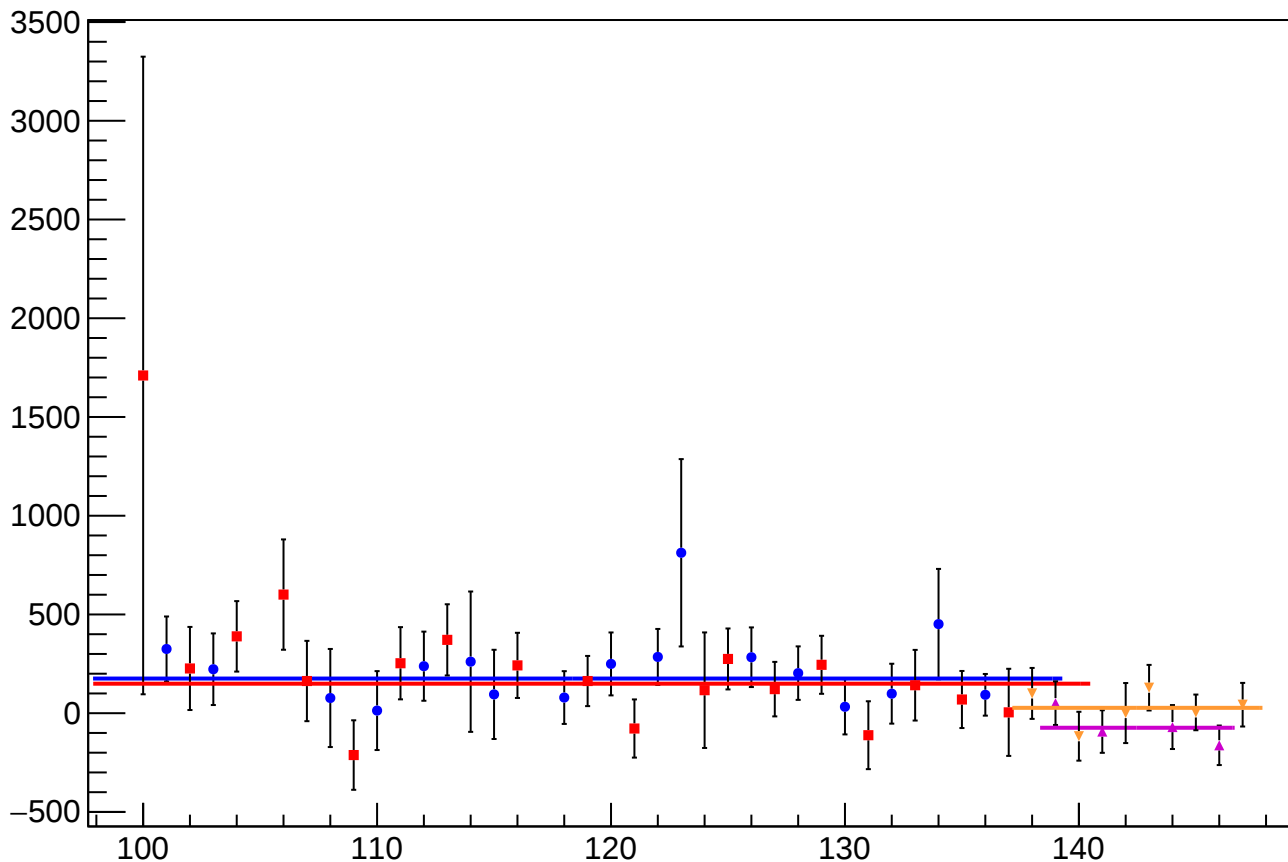
Right: 469.247+/-0.093 χ^2/NDF : 1839762.8/35

In: 378.028+/-0.090 χ^2/NDF : 2034887.8/20

Out: 379.394+/-0.084 χ^2/NDF : 2191851.7/24

All: 378.756+/-0.061 χ^2/NDF : 4226863.1/45

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: 27.134 ± 47.232 χ^2/NDF : 2.6/5

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -73.754 ± 53.549 χ^2/NDF : 2.1/3

Left: -17.011 ± 35.422 χ^2/NDF : 6.7/9

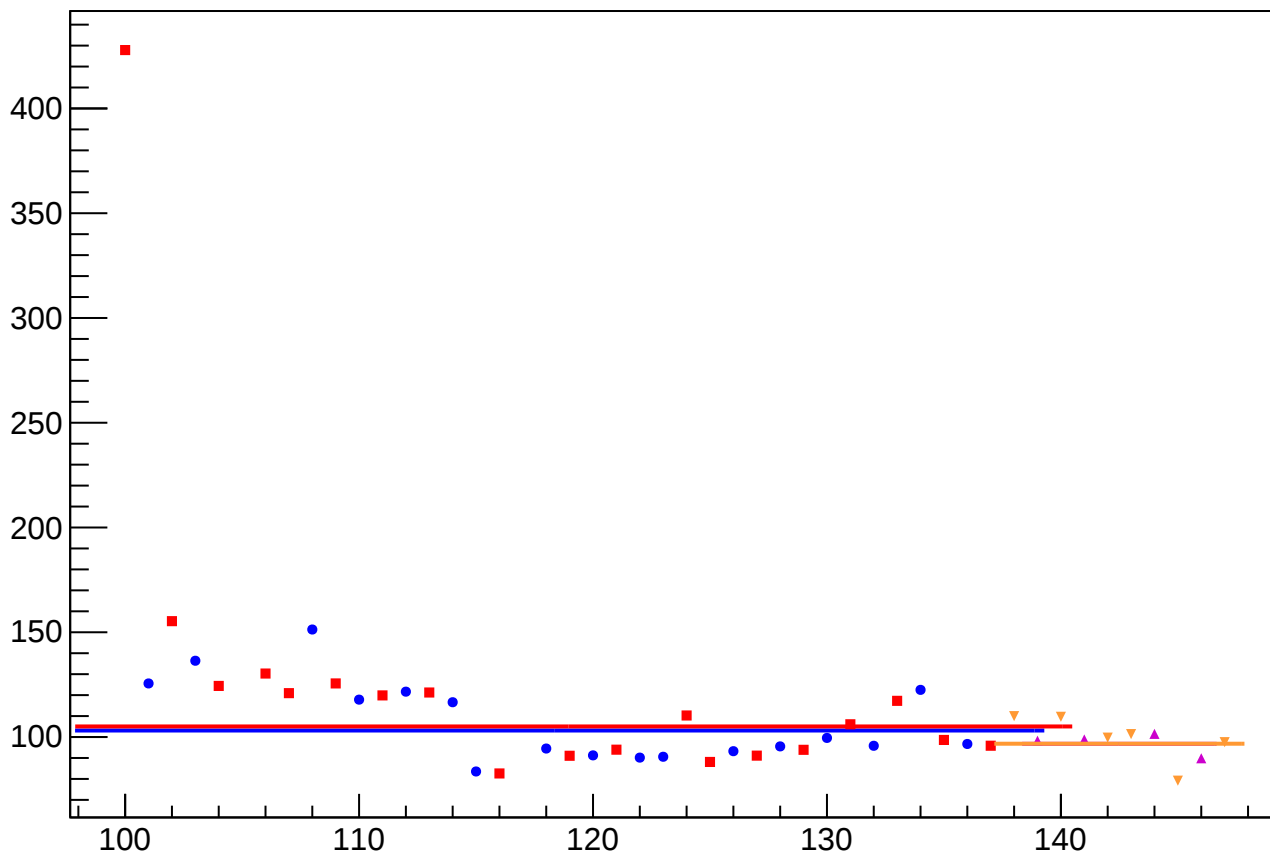
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 85.187 ± 32.230 χ^2/NDF : 24.5/20

Out: 97.871 ± 30.666 χ^2/NDF : 24.9/24

All: 91.844 ± 22.216 χ^2/NDF : 49.4/45

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: 96.806 $\pm$ 0.033 χ^2 /NDF:122590.1/5

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 96.751 $\pm$ 0.038 χ^2 /NDF:14268.0/3

Left: 96.782 $\pm$ 0.025 χ^2 /NDF: 136859.3/9

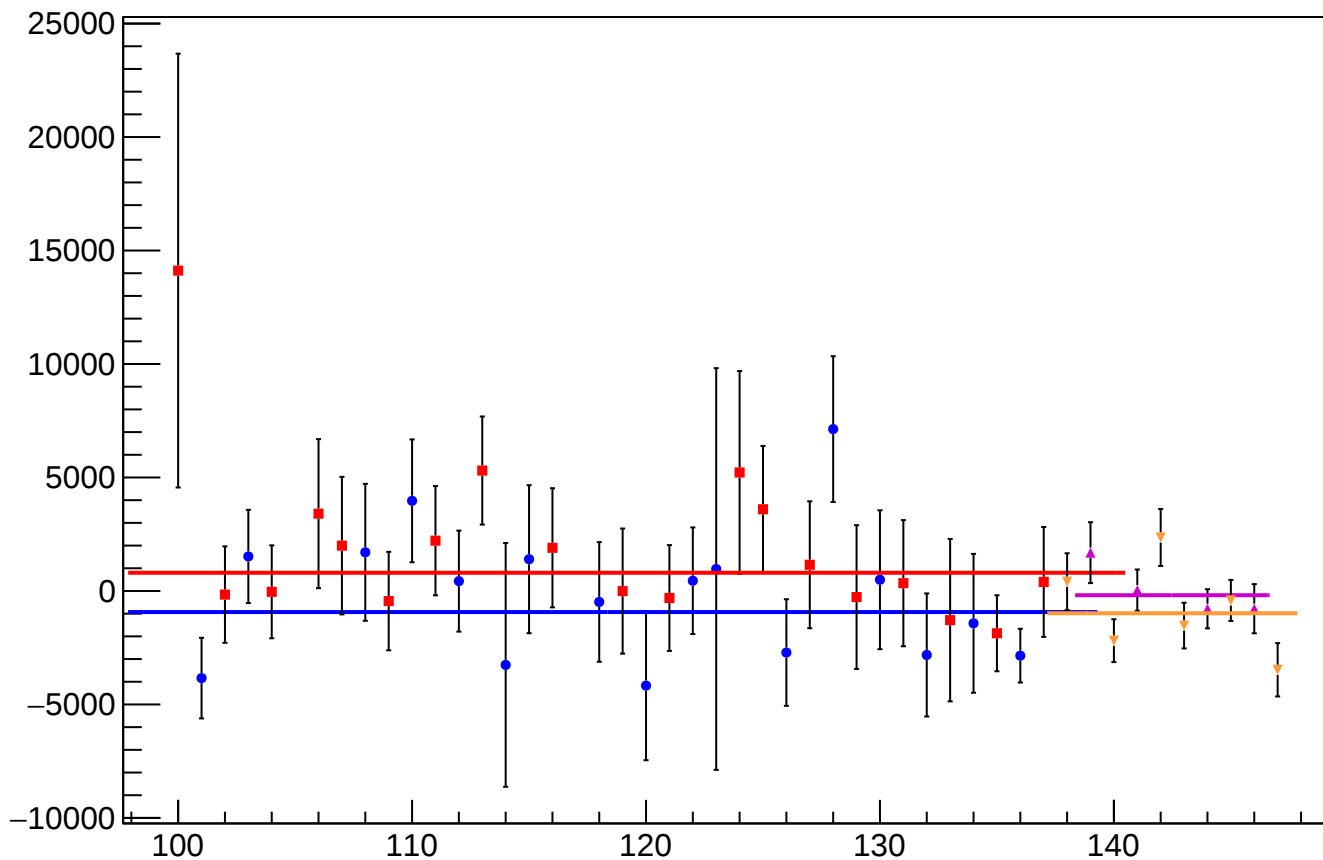
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 100.808 $\pm$ 0.023 χ^2 /NDF:338708.1/20

Out: 101.572 $\pm$ 0.022 χ^2 /NDF:606494.1/24

All: 101.209 $\pm$ 0.016 χ^2 /NDF: 945793.2/45

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2 /NDF: 20.9/16

Left Out: -981.300+/-433.117 χ^2 /NDF:15.1/5

Right Out: 802.855+/-593.810 χ^2 /NDF: 12.9/18

Left In: -187.176+/-502.292 χ^2 /NDF:2.8/3

Left: -642.646+/-328.013 χ^2 /NDF: 19.4/9

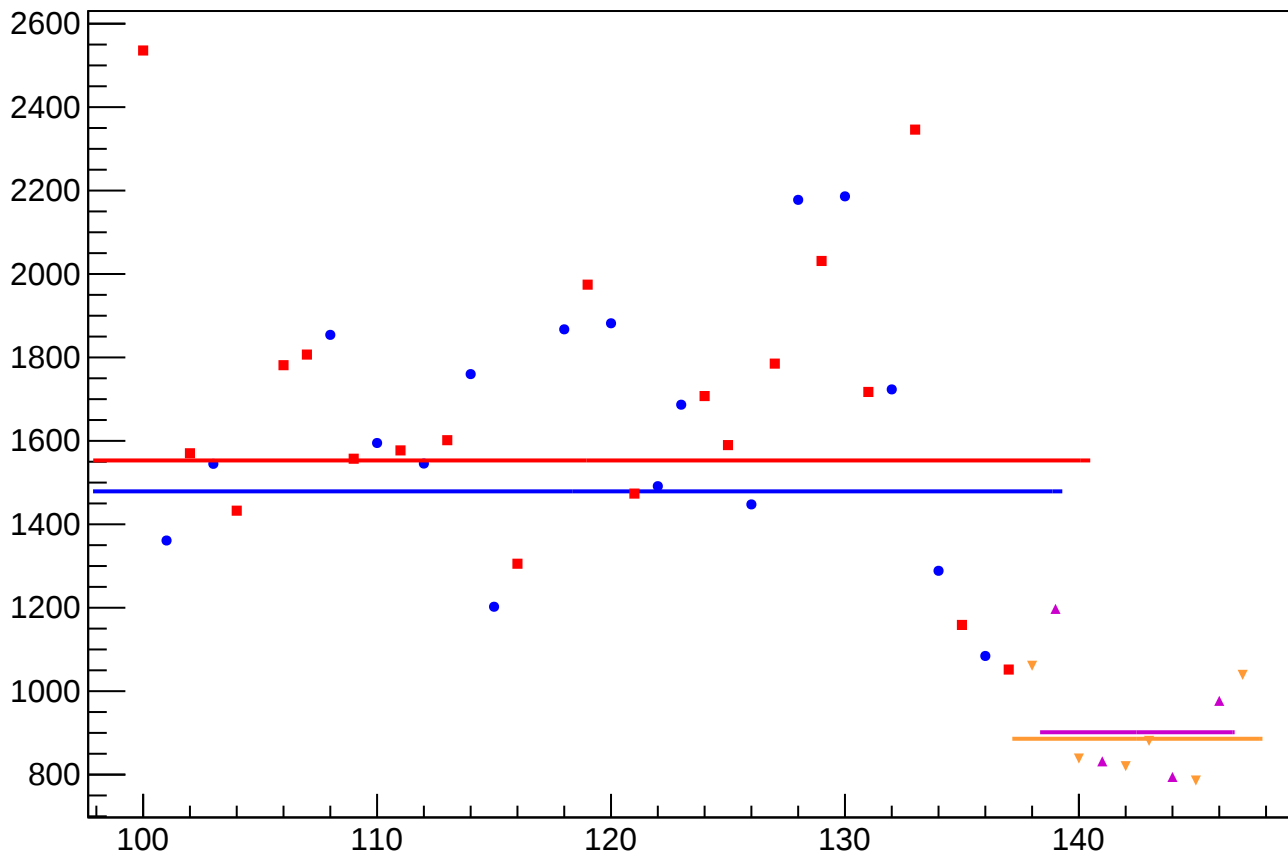
Right: -73.074+/-417.447 χ^2 /NDF: 38.0/35

In: -500.739+/-381.633 χ^2 /NDF:24.6/20

Out: -361.734+/-349.925 χ^2 /NDF:33.9/24

All: -425.223+/-257.917 χ^2 /NDF: 58.6/45

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: 885.937+/-0.306 χ^2/NDF : 108186.3/5

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 901.551+/-0.355 χ^2/NDF : 149489.3/3

Left: 892.596+/-0.232 χ^2/NDF : 258784.0/9

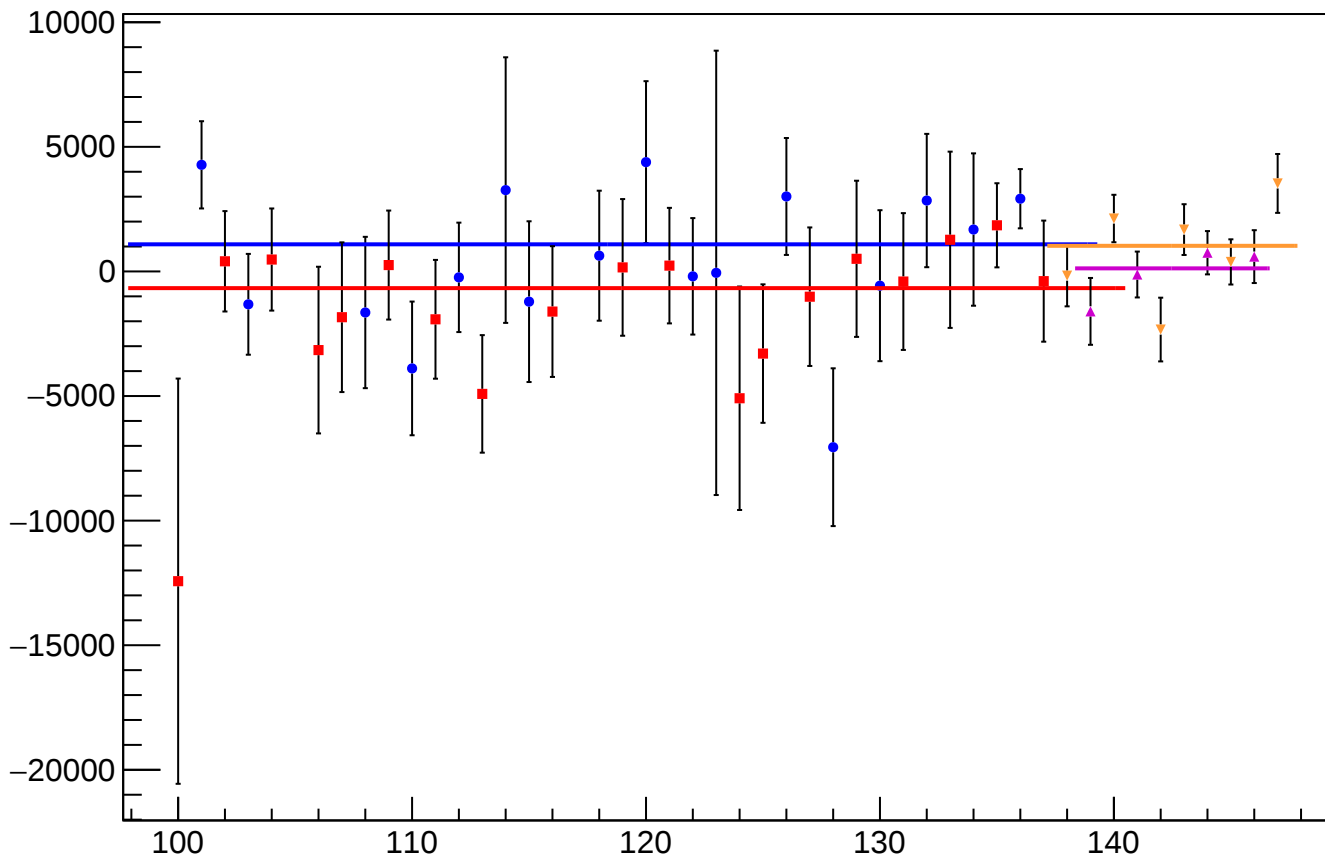
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1145.652+/-0.270 χ^2/NDF : 1856472.5/20

Out: 1117.607+/-0.247 χ^2/NDF : 2239772.0/24

All: 1130.416+/-0.182 χ^2/NDF : 4102112.1/45

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1028.159+/-435.648 χ^2/NDF :14.6/5

Right Out: -670.176+/-589.991 χ^2/NDF : 12.0/18

Left In: 123.059+/-503.163 χ^2/NDF :2.4/3

Left: 640.364+/-329.353 χ^2/NDF : 18.9/9

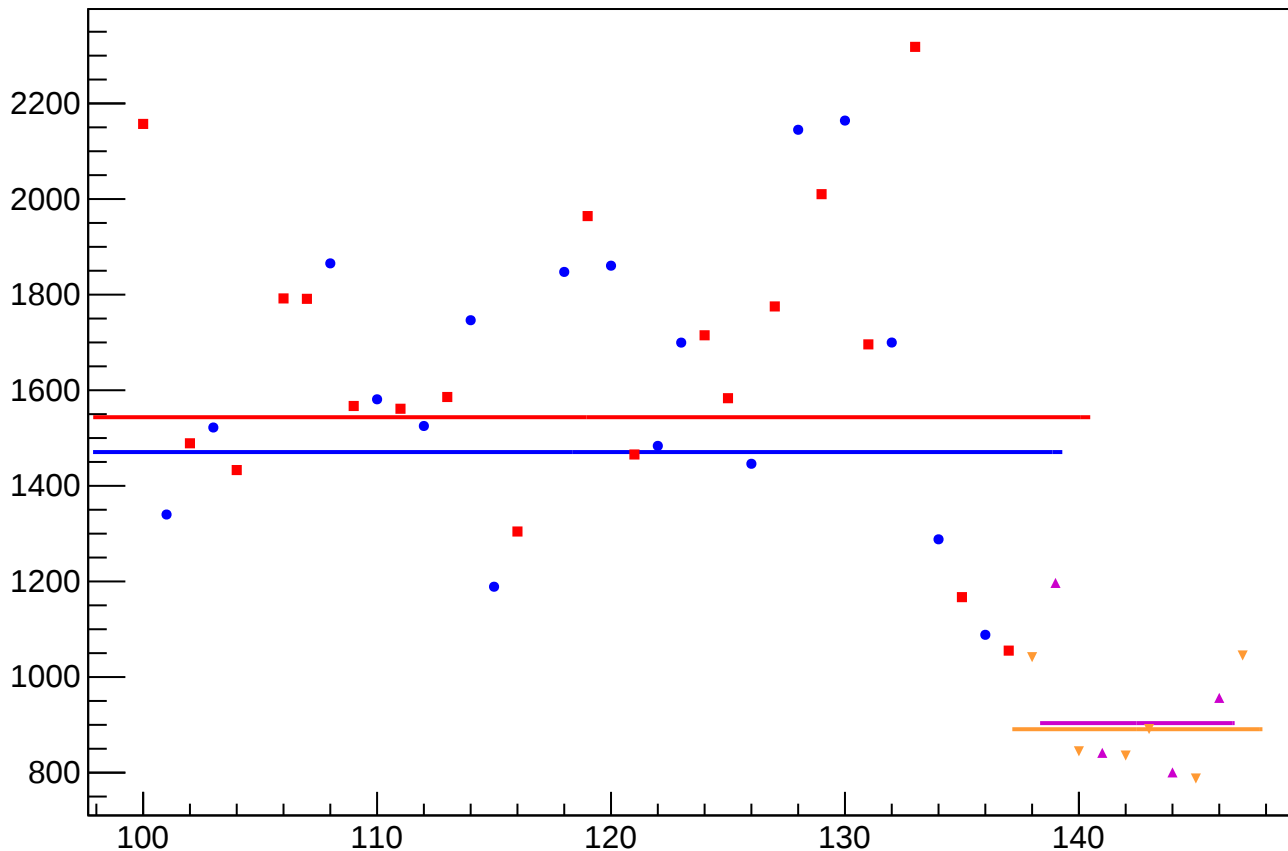
Right: 218.892+/-414.810 χ^2/NDF : 38.4/35

In: 534.714+/-381.005 χ^2/NDF :25.9/20

Out: 428.905+/-350.460 χ^2/NDF :32.0/24

All: 477.399+/-257.936 χ^2/NDF : 57.9/45

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: 890.864 $\pm$ 0.308 χ^2 /NDF: 98259.4/5

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 903.631 $\pm$ 0.356 χ^2 /NDF: 137874.8/3

Left: 896.334 $\pm$ 0.233 χ^2 /NDF: 236870.1/9

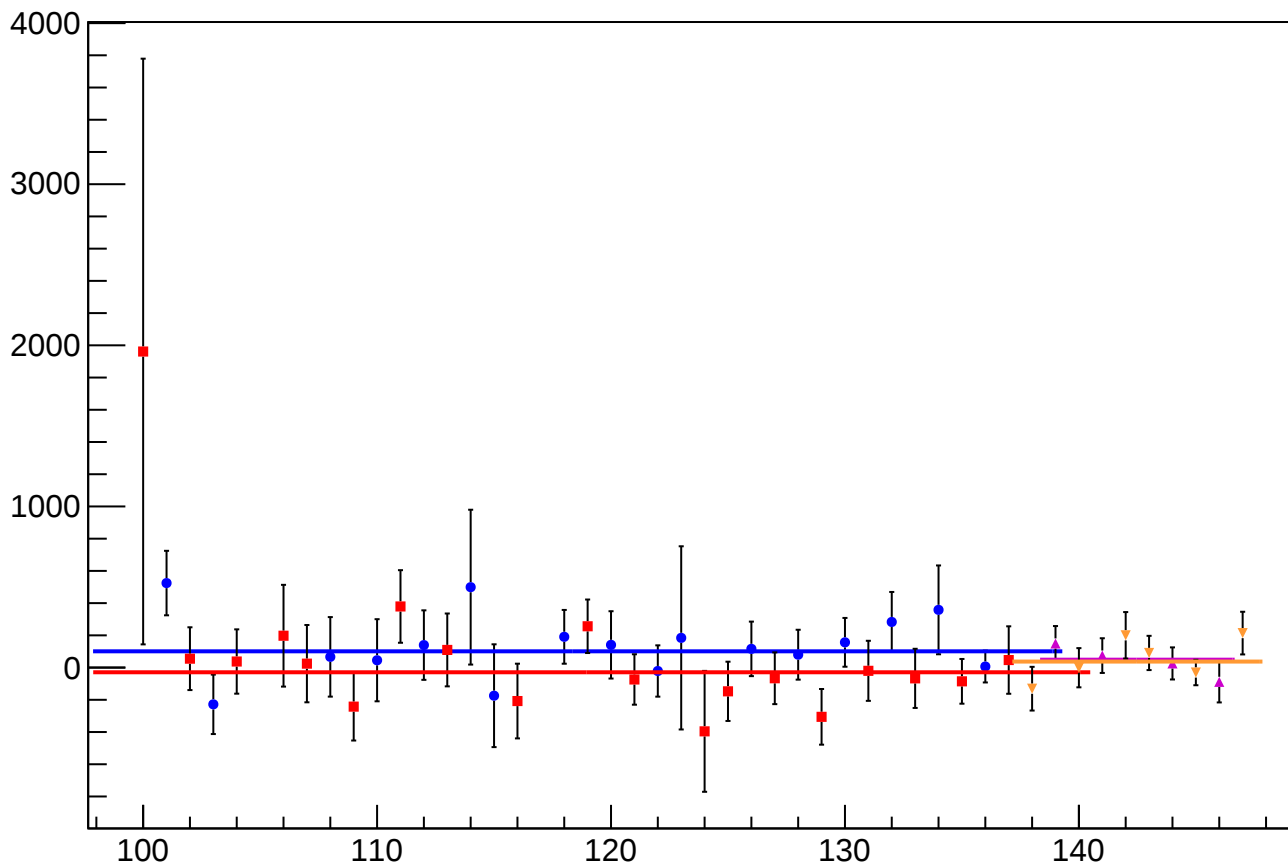
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1145.545 $\pm$ 0.269 χ^2 /NDF: 1789273.5/20

Out: 1121.177 $\pm$ 0.248 χ^2 /NDF: 2136696.5/24

All: 1132.345 $\pm$ 0.182 χ^2 /NDF: 3930401.5/45

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: 37.287 $\pm$ 45.826 χ^2 /NDF:5.7/5

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 48.981 $\pm$ 54.739 χ^2 /NDF:2.1/3

Left: 42.105 $\pm$ 35.138 χ^2 /NDF: 7.8/9

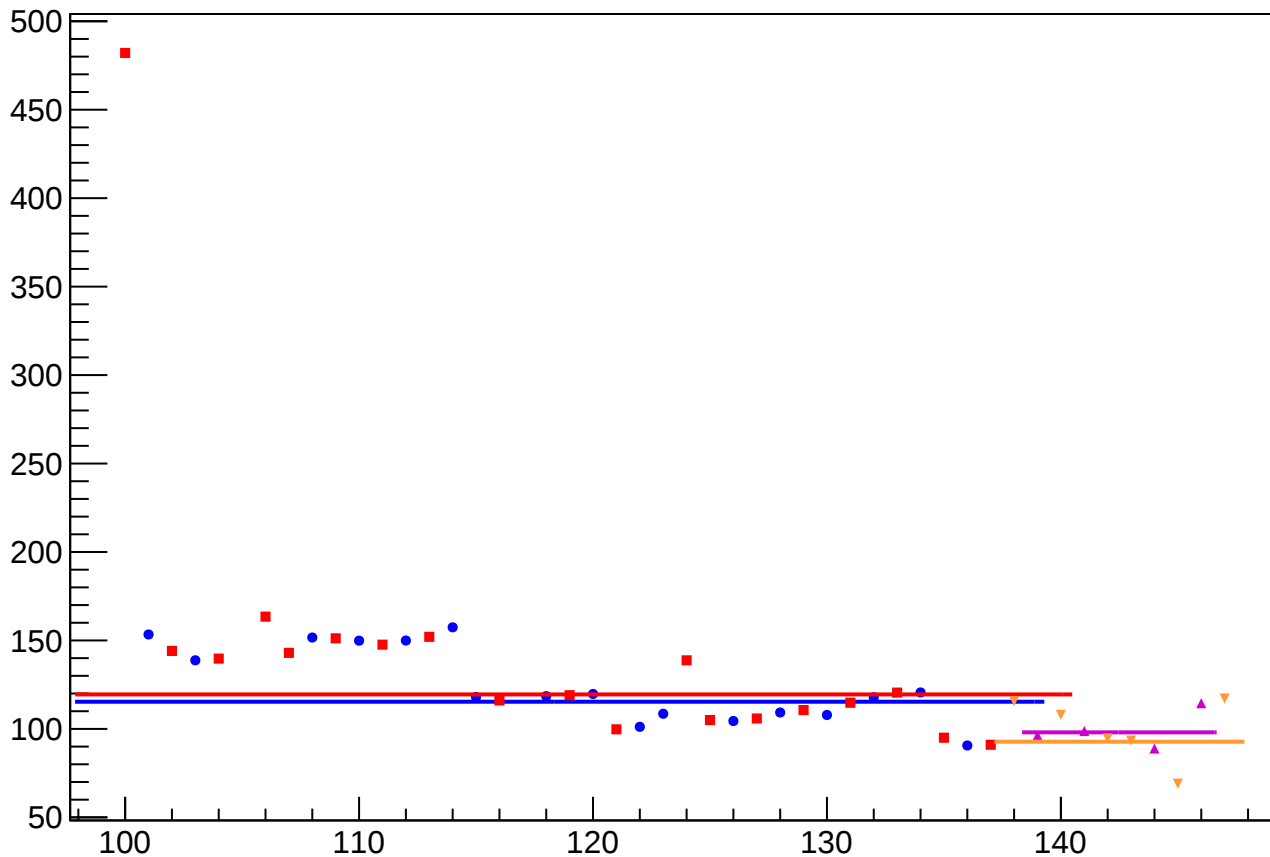
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 79.816 $\pm$ 34.892 χ^2 /NDF:15.7/20

Out: 3.973 $\pm$ 32.357 χ^2 /NDF:21.5/24

All: 39.040 $\pm$ 23.726 χ^2 /NDF: 39.7/45

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Left: 94.939 ± 0.025 $\chi^2/\text{NDF}: 399077.6/9$

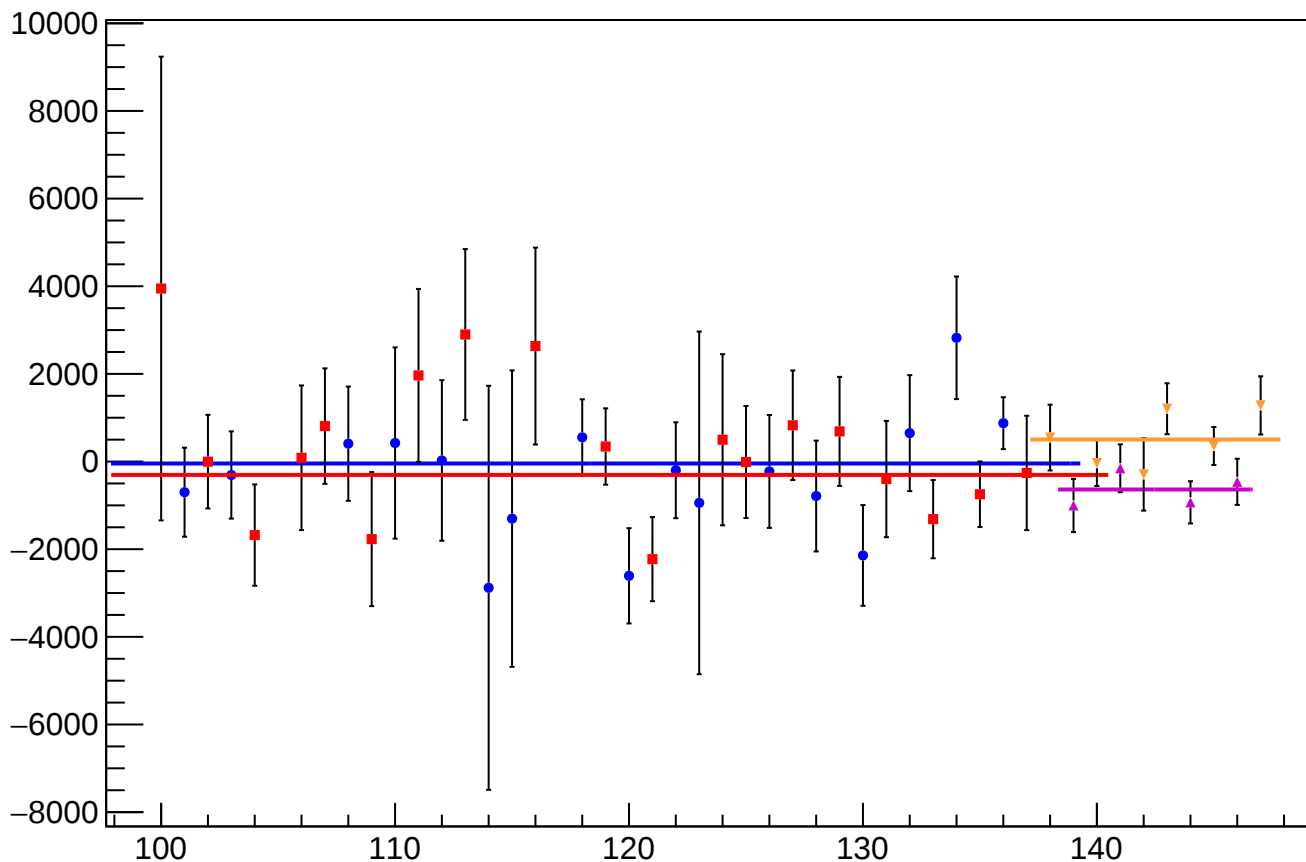
Right: 117.411 ± 0.023 $\chi^2/\text{NDF}: 897552.7/35$

In: 108.331 ± 0.025 $\chi^2/\text{NDF}: 580912.7/20$

Out: 106.164 ± 0.023 $\chi^2/\text{NDF}: 1156609.7/24$

All: 107.166 ± 0.017 $\chi^2/\text{NDF}: 1741669.5/45$

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: 502.776 ± 239.380 $\chi^2/\text{NDF}: 4.9/5$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -637.363 ± 267.333 $\chi^2/\text{NDF}: 1.6/3$

Left: -4.588 ± 178.334 $\chi^2/\text{NDF}: 16.7/9$

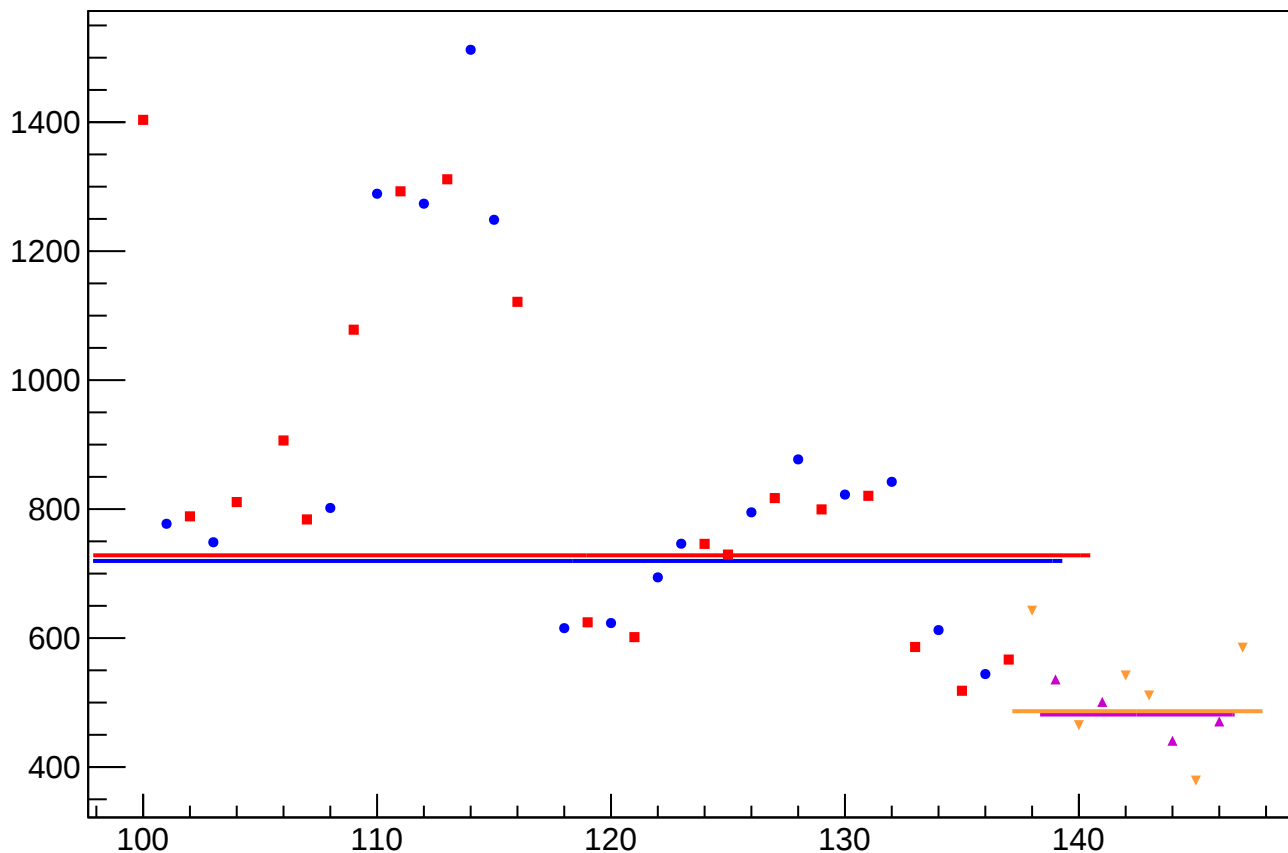
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -361.227 ± 195.390 $\chi^2/\text{NDF}: 21.8/20$

Out: 165.551 ± 182.687 $\chi^2/\text{NDF}: 27.1/24$

All: -80.159 ± 133.444 $\chi^2/\text{NDF}: 52.8/45$

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: 486.601 $\pm$ 0.169 χ^2 /NDF: 269389.9/5

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 481.455 $\pm$ 0.189 χ^2 /NDF: 33738.0/3

Left: 484.311 $\pm$ 0.126 χ^2 /NDF: 303539.3/9

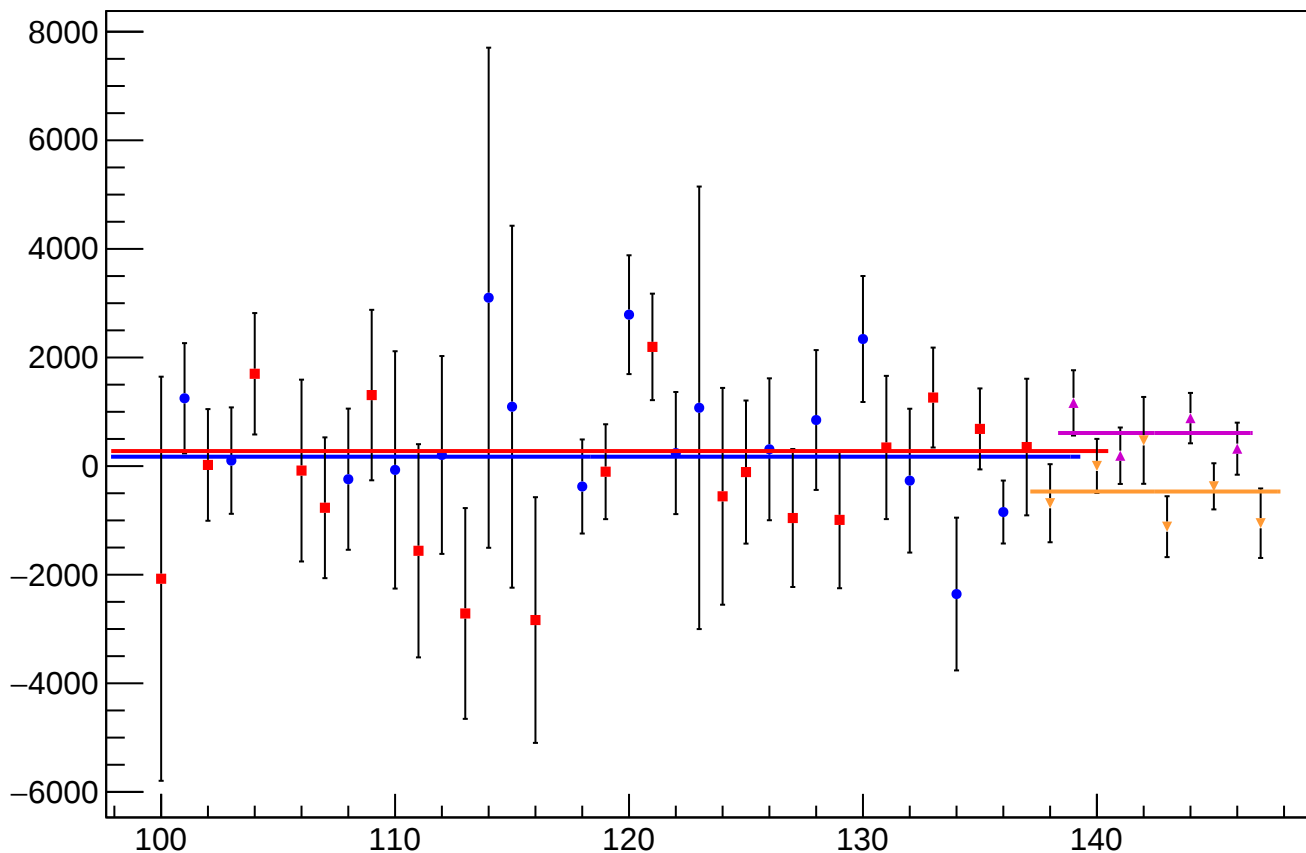
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 592.388 $\pm$ 0.138 χ^2 /NDF: 1520014.2/20

Out: 587.542 $\pm$ 0.129 χ^2 /NDF: 2034688.5/24

All: 589.802 $\pm$ 0.094 χ^2 /NDF: 3555359.1/45

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -467.960 $\pm$ 231.269 χ^2 /NDF:4.6/5

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 609.678 $\pm$ 254.345 χ^2 /NDF:2.2/3

Left: 19.765 $\pm$ 171.110 χ^2 /NDF: 16.6/9

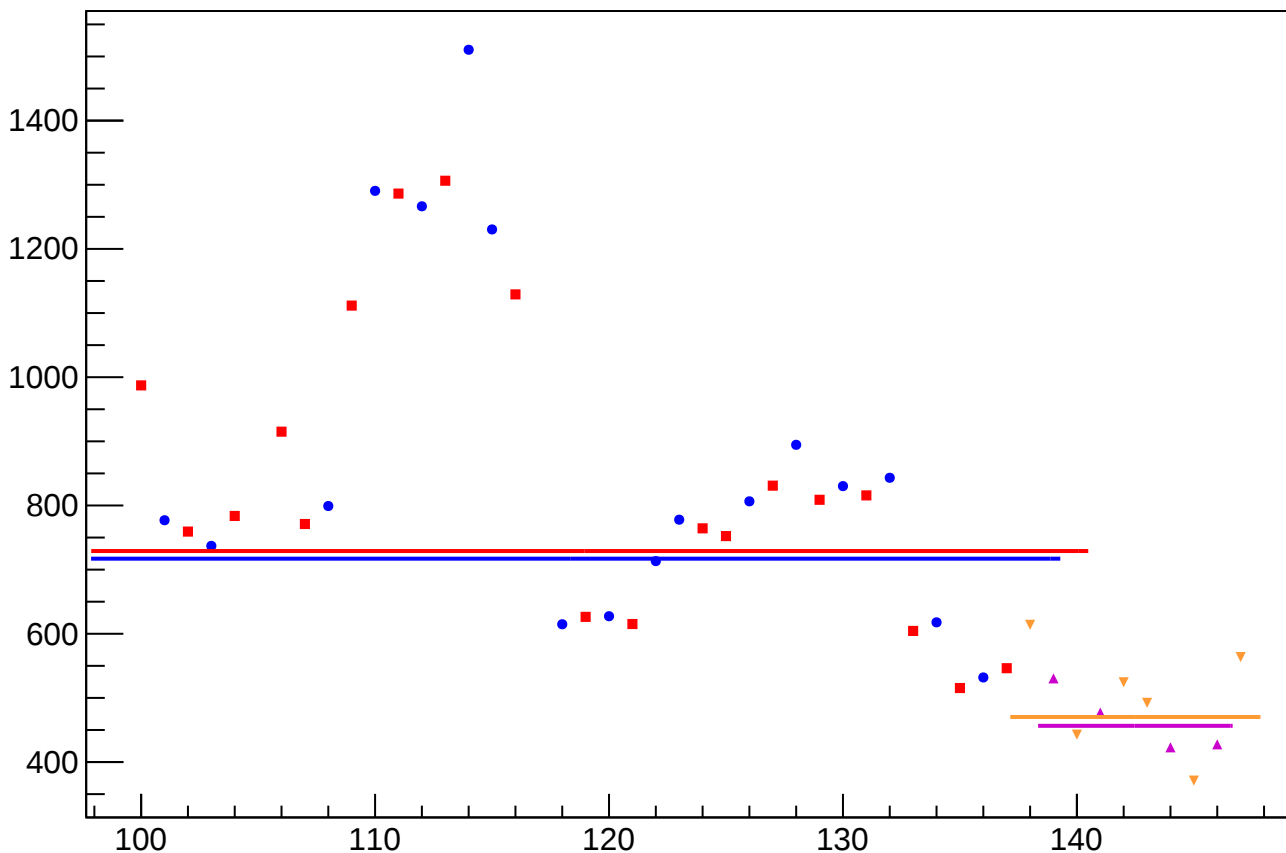
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 416.667 $\pm$ 189.963 χ^2 /NDF:21.6/20

Out: -169.261 $\pm$ 179.008 χ^2 /NDF:24.8/24

All: 106.322 $\pm$ 130.279 χ^2 /NDF: 51.4/45

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: 470.268 $\pm$ 0.164 χ^2 /NDF: 249830.7/5

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 456.493 $\pm$ 0.180 χ^2 /NDF: 51098.5/3

Left: 464.034 $\pm$ 0.121 χ^2 /NDF: 304140.5/9

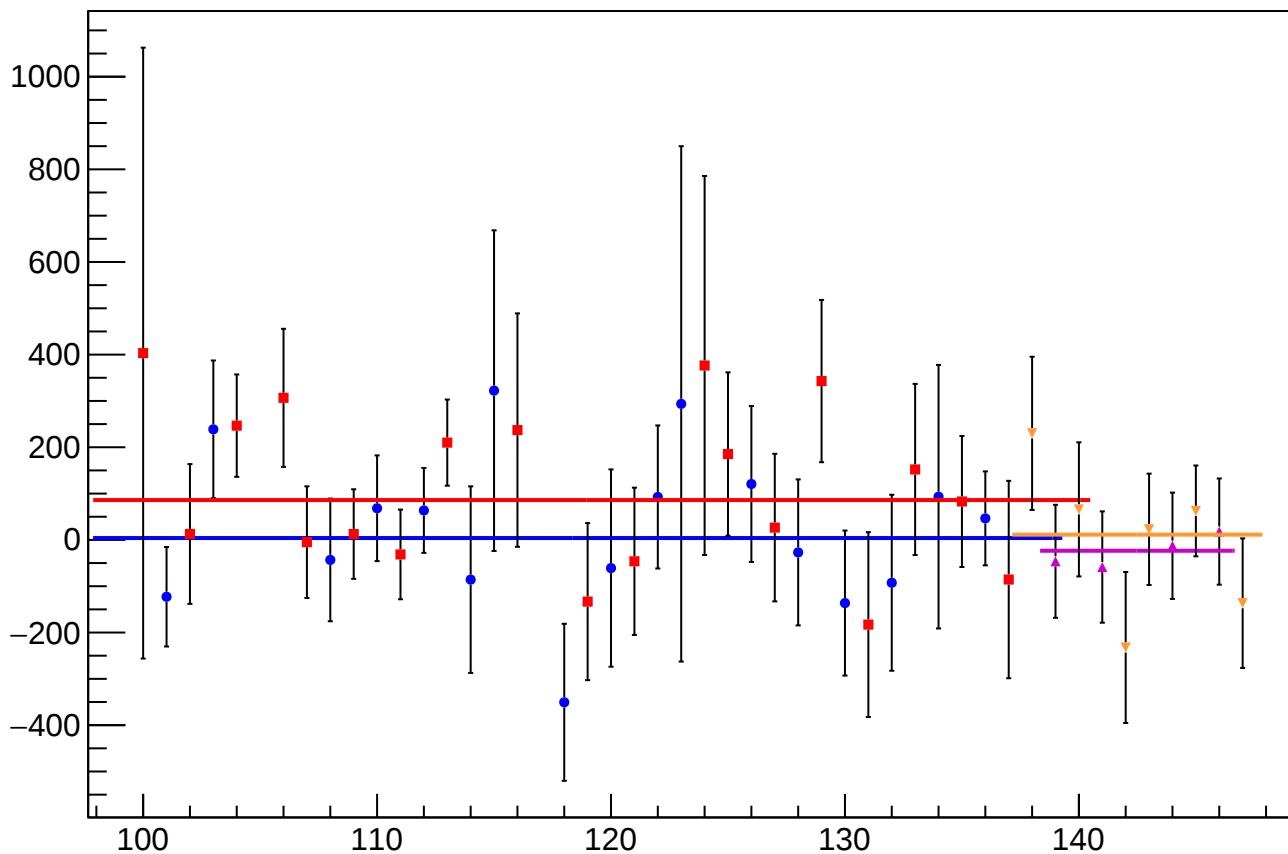
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 571.722 $\pm$ 0.134 χ^2 /NDF: 1761871.1/20

Out: 573.985 $\pm$ 0.127 χ^2 /NDF: 2143958.4/24

All: 572.920 $\pm$ 0.092 χ^2 /NDF: 3905979.8/45

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: 11.341 ± 53.734 $\chi^2/\text{NDF}: 5.5/5$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: -23.427 ± 58.876 $\chi^2/\text{NDF}: 0.3/3$

Left: -4.459 ± 39.689 $\chi^2/\text{NDF}: 6.0/9$

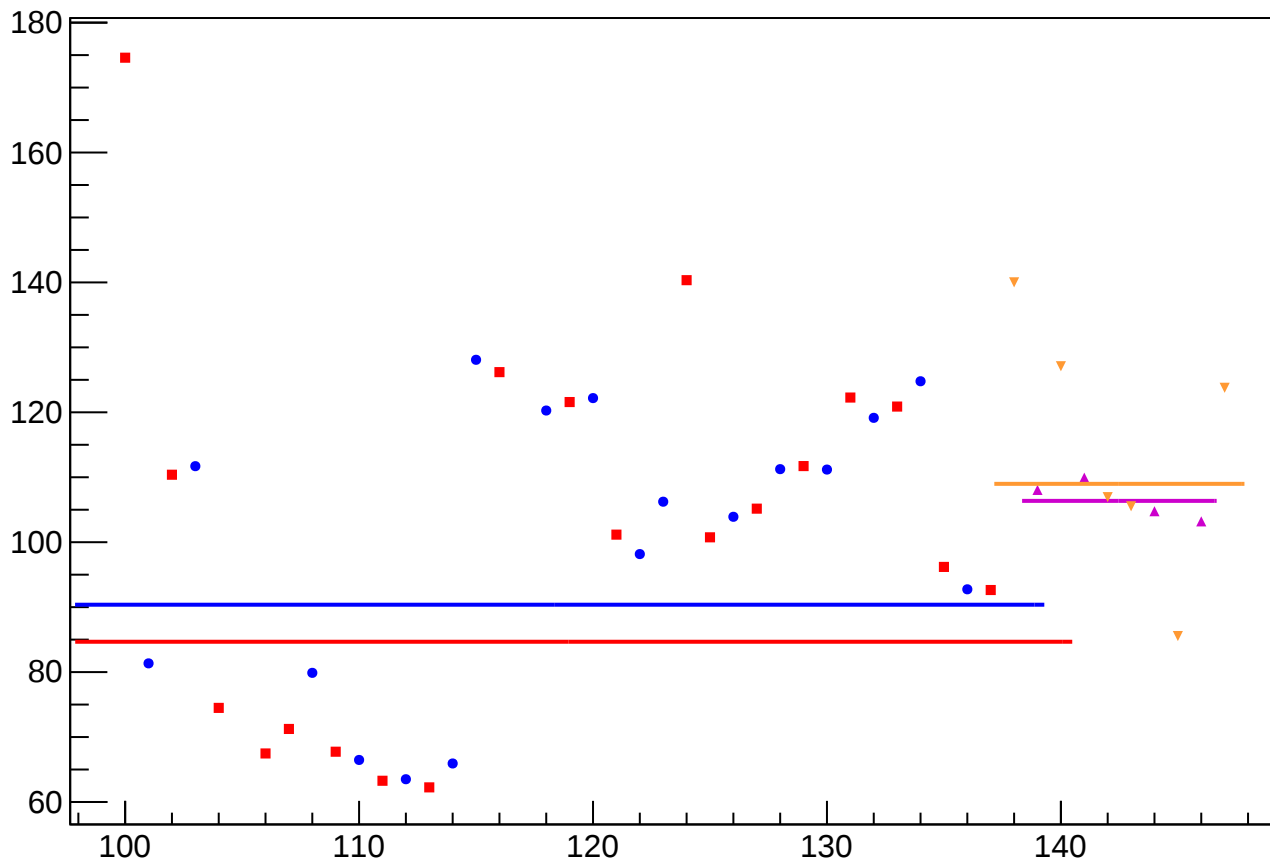
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: -3.441 ± 30.682 $\chi^2/\text{NDF}: 13.1/20$

Out: 65.235 ± 28.348 $\chi^2/\text{NDF}: 24.5/24$

All: 33.608 ± 20.822 $\chi^2/\text{NDF}: 40.4/45$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.985+/-0.038 χ^2/NDF : 240309.8/5

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 106.363+/-0.042 χ^2/NDF : 4055.4/3

Left: 107.794+/-0.028 χ^2/NDF : 246529.6/9

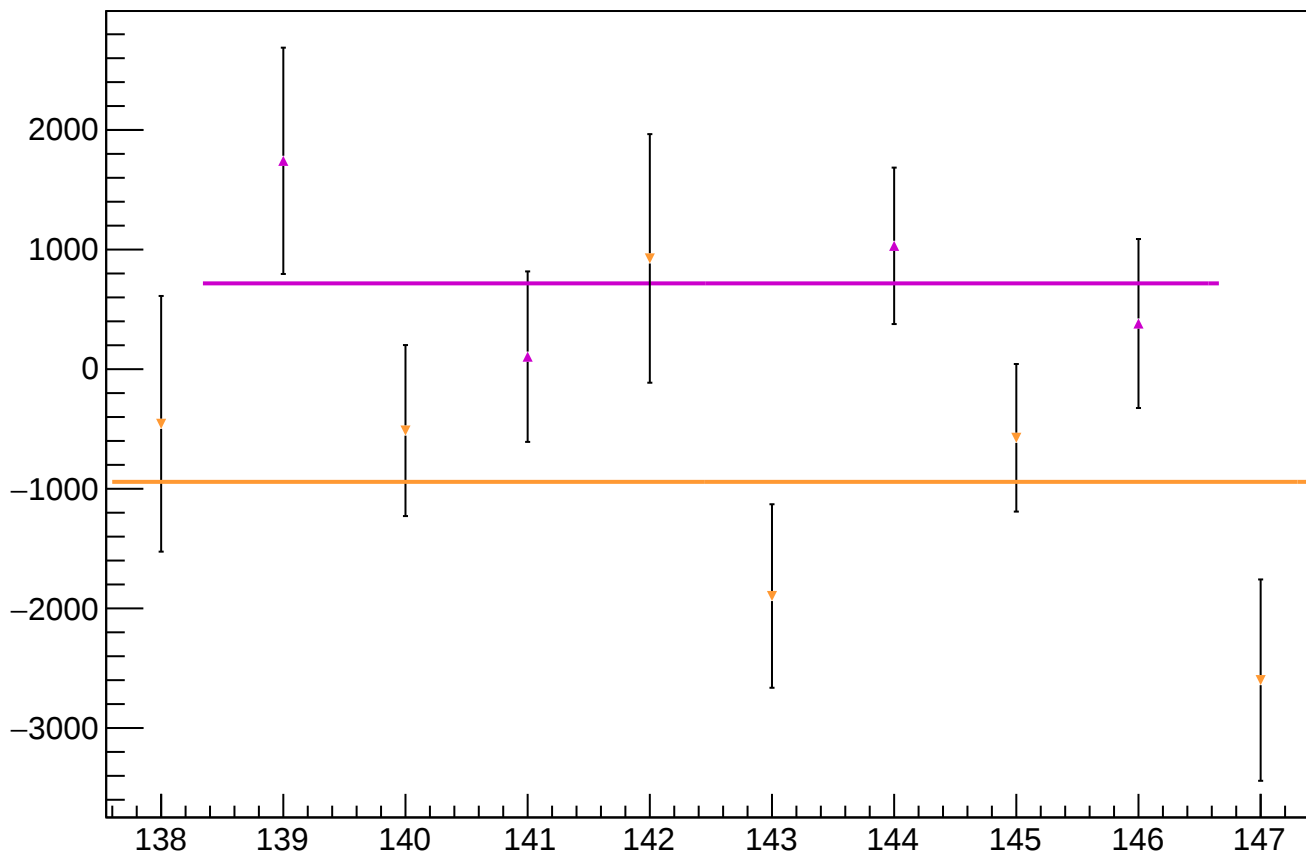
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 94.717+/-0.022 χ^2/NDF : 765625.5/20

Out: 91.440+/-0.020 χ^2/NDF : 1443915.4/24

All: 92.949+/-0.015 χ^2/NDF : 2221853.4/45

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -942.033+/-324.521 χ^2/NDF : 9.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 717.385+/-366.911 χ^2/NDF : 2.4/3

Left: -213.679+/-243.083 χ^2/NDF : 23.4/9

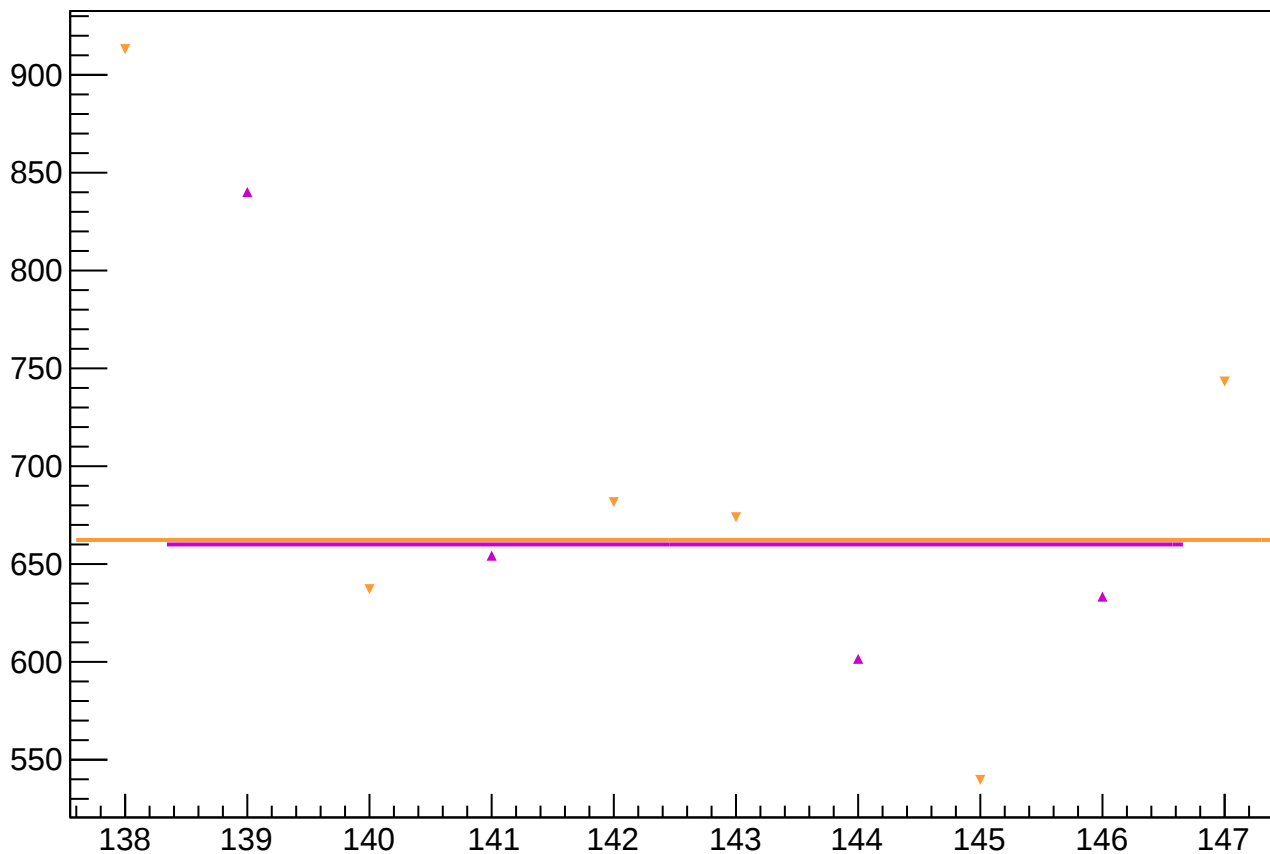
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 717.385+/-366.911 χ^2/NDF : 2.4/3

Out: -942.033+/-324.521 χ^2/NDF : 9.6/5

All: -213.679+/-243.083 χ^2/NDF : 23.4/9

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 662.299+/-0.229 χ^2/NDF :211299.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Left: 661.298+/-0.172 χ^2/NDF : 302811.9/9

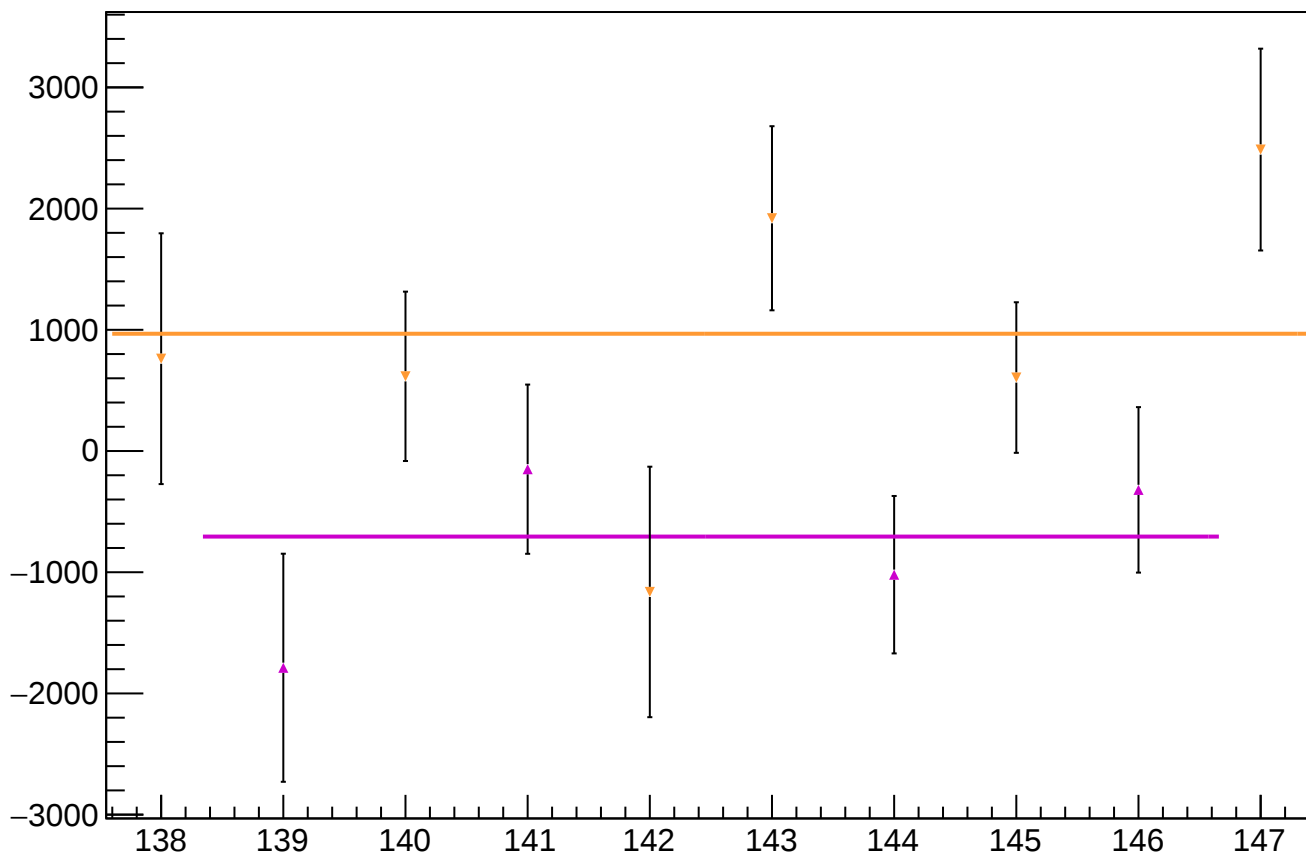
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Out: 662.299+/-0.229 χ^2/NDF :211299.4/5

All: 661.298+/-0.172 χ^2/NDF : 302811.9/9

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 967.562+/-321.281 χ^2/NDF : 9.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -705.881+/-360.399 χ^2/NDF : 2.5/3

Left: 226.556+/-239.822 χ^2/NDF : 24.3/9

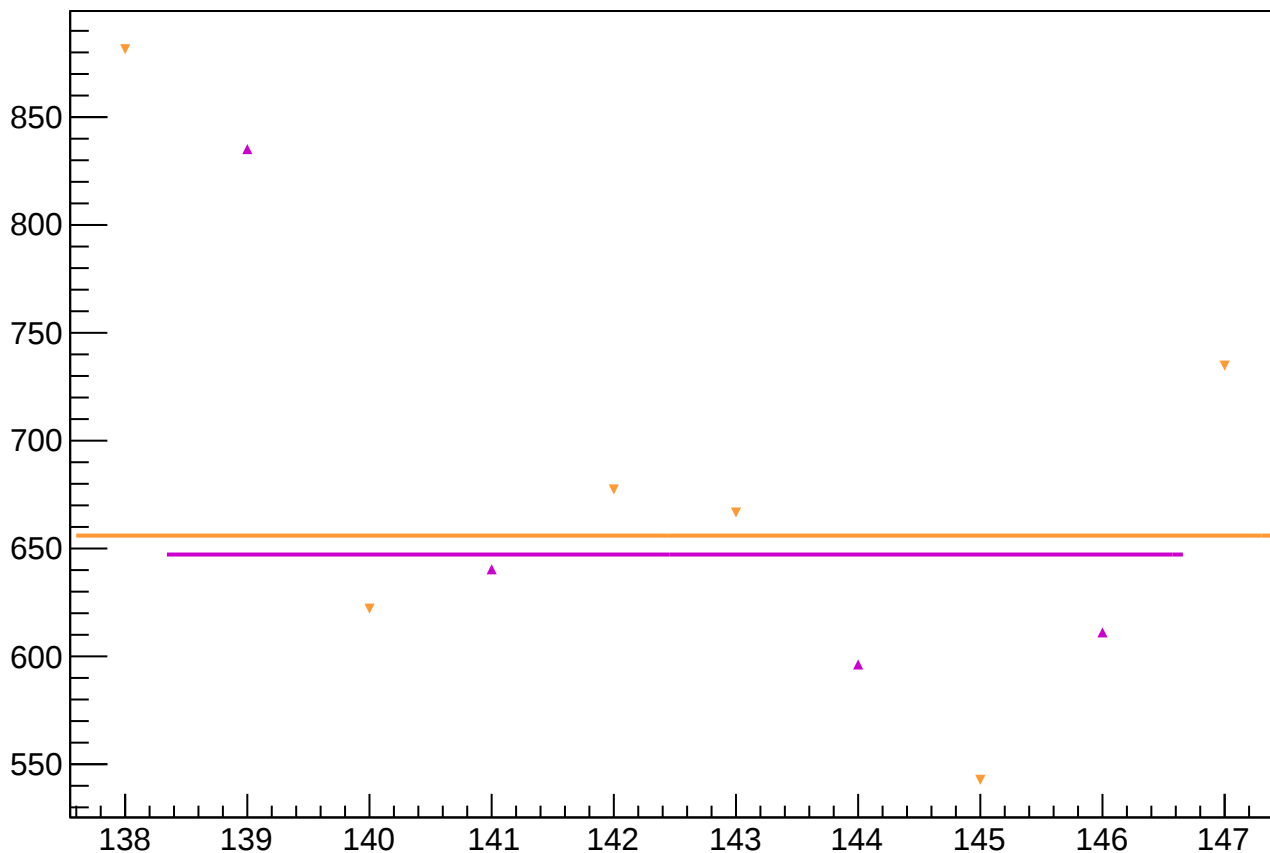
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -705.881+/-360.399 χ^2/NDF : 2.5/3

Out: 967.562+/-321.281 χ^2/NDF : 9.8/5

All: 226.556+/-239.822 χ^2/NDF : 24.3/9

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Left: 652.103+/-0.170 χ^2/NDF : 283926.5/9

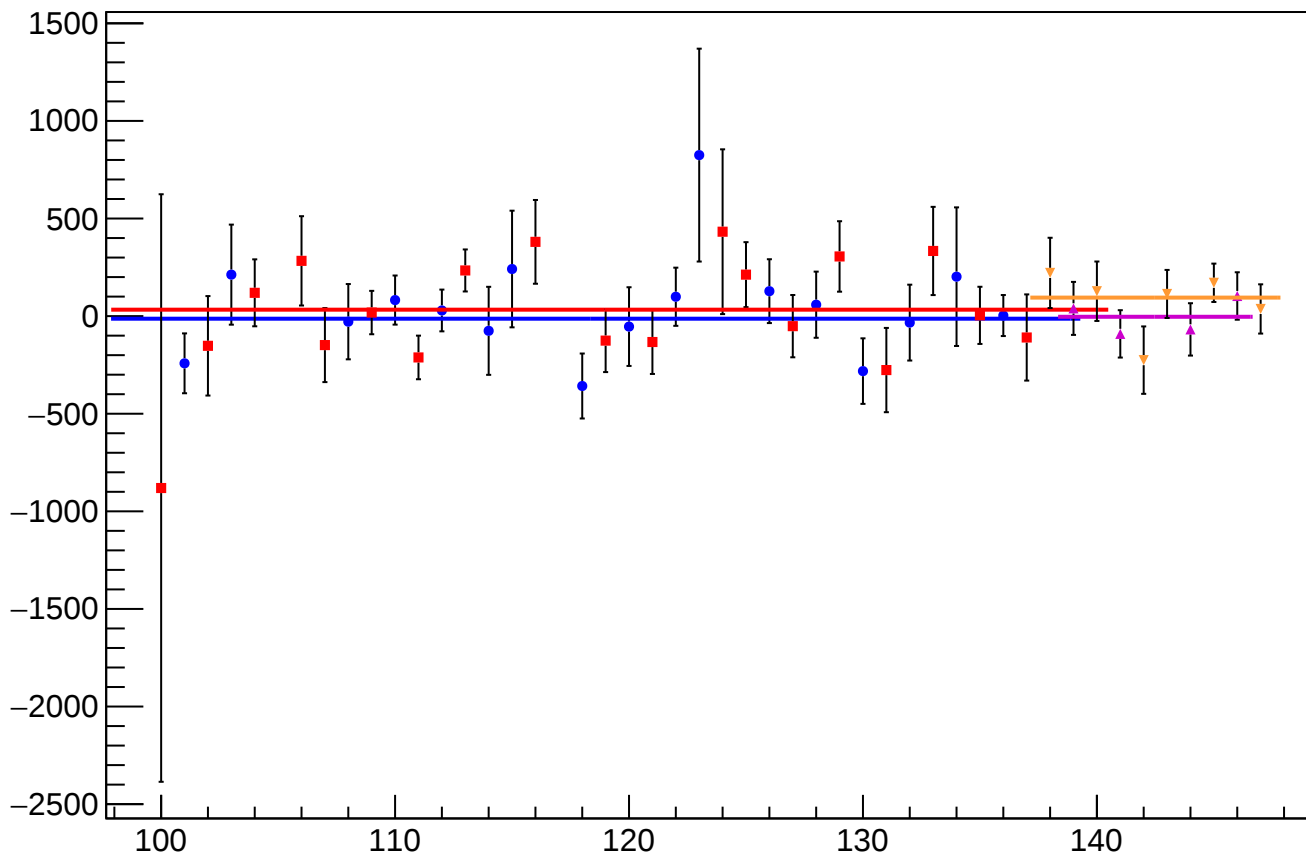
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

All: 652.103+/-0.170 χ^2/NDF : 283926.5/9

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 94.896 ± 54.241 $\chi^2/\text{NDF}: 4.8/5$

Right Out: 33.027 ± 38.878 $\chi^2/\text{NDF}: 25.1/18$

Left In: -3.355 ± 63.821 $\chi^2/\text{NDF}: 1.6/3$

Left: 53.690 ± 41.331 $\chi^2/\text{NDF}: 7.8/9$

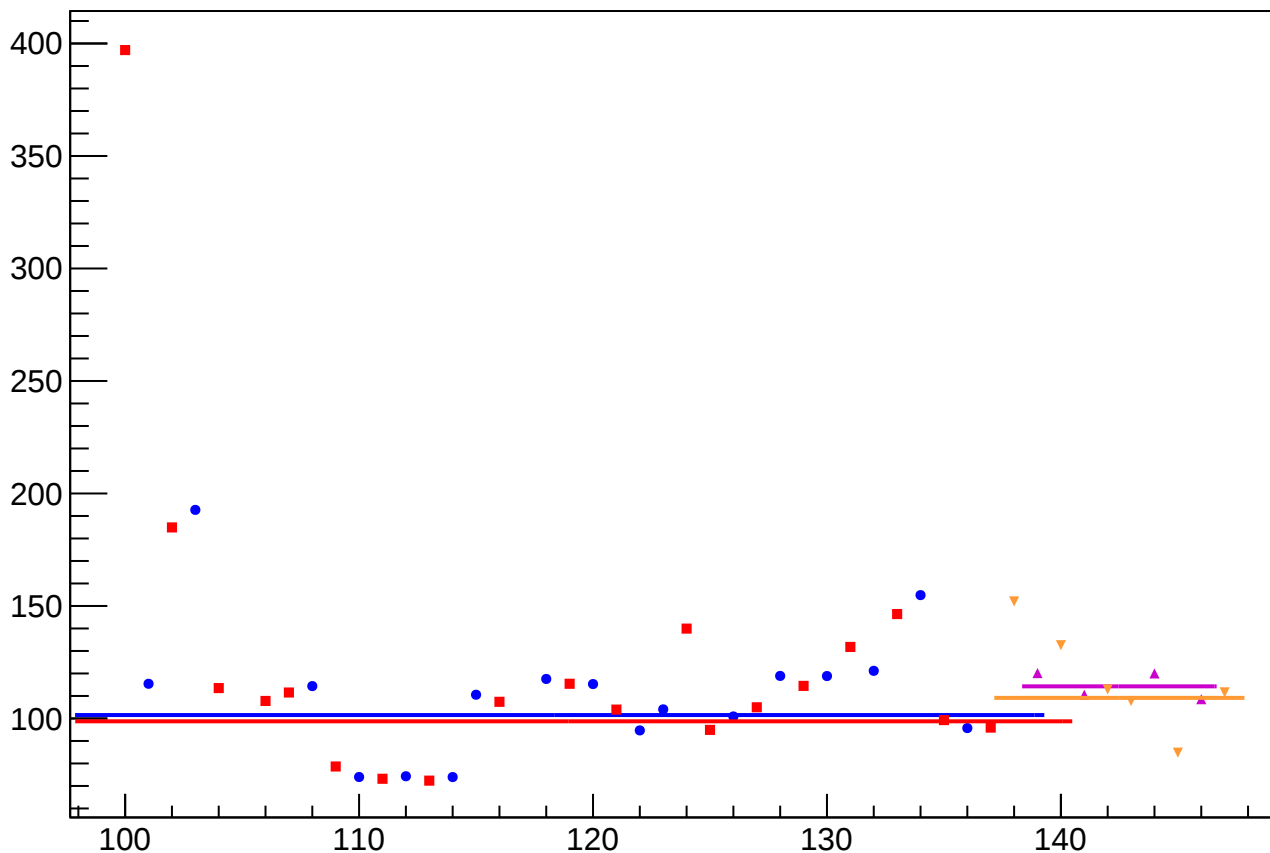
Right: 10.881 ± 28.065 $\chi^2/\text{NDF}: 41.4/35$

In: -10.379 ± 34.228 $\chi^2/\text{NDF}: 17.3/20$

Out: 54.024 ± 31.599 $\chi^2/\text{NDF}: 30.7/24$

All: 24.390 ± 23.218 $\chi^2/\text{NDF}: 50.0/45$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 109.154 $\pm$ 0.038 χ^2 /NDF: 285576.2/5

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 114.275 $\pm$ 0.045 χ^2 /NDF: 13718.7/3

Left: 111.302 $\pm$ 0.029 χ^2 /NDF: 306772.8/9

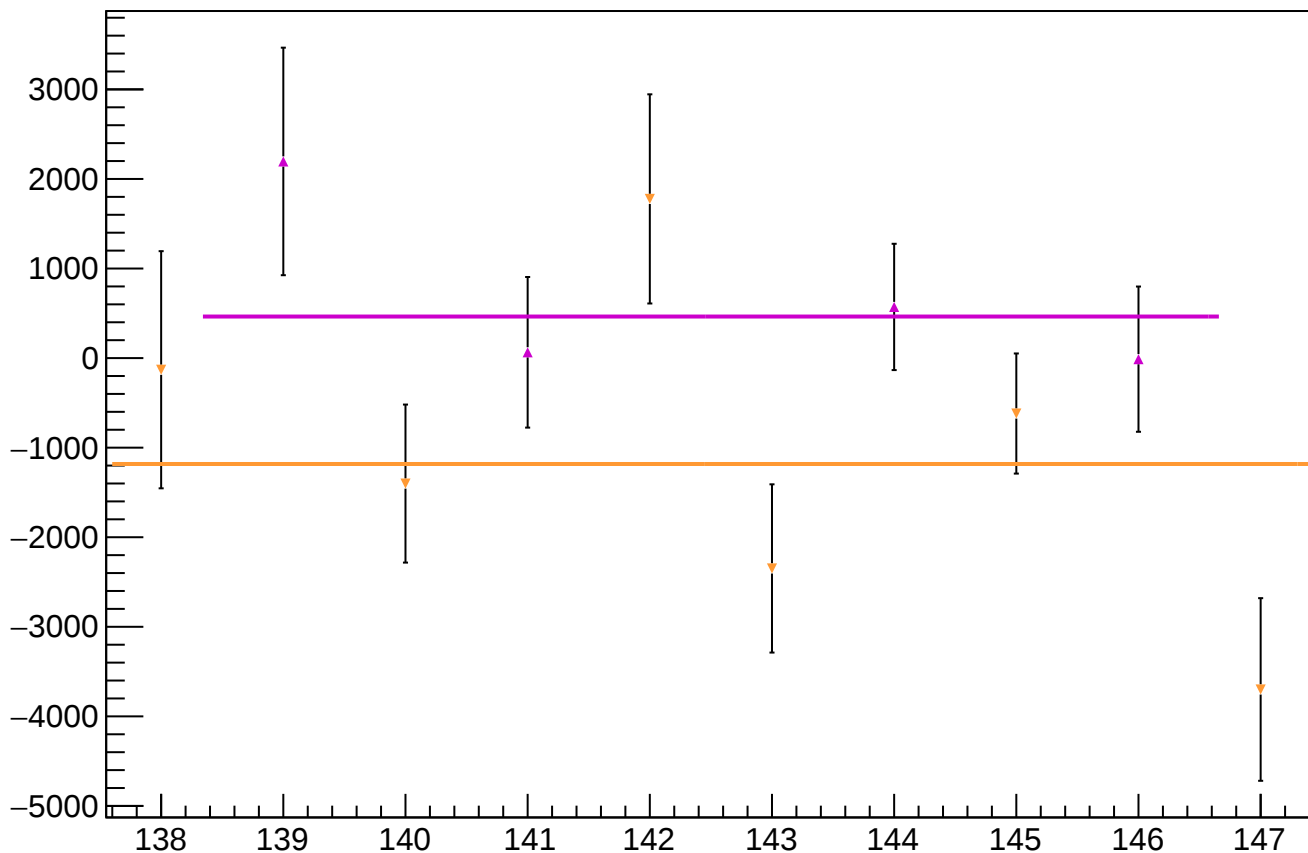
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 105.188 $\pm$ 0.024 χ^2 /NDF: 752348.8/20

Out: 102.271 $\pm$ 0.022 χ^2 /NDF: 1159946.1/24

All: 103.614 $\pm$ 0.016 χ^2 /NDF: 1920135.1/45

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1182.367+/-380.462 χ^2/NDF :15.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 464.029+/-423.803 χ^2/NDF :2.5/3

Left: -447.635+/-283.114 χ^2/NDF : 26.3/9

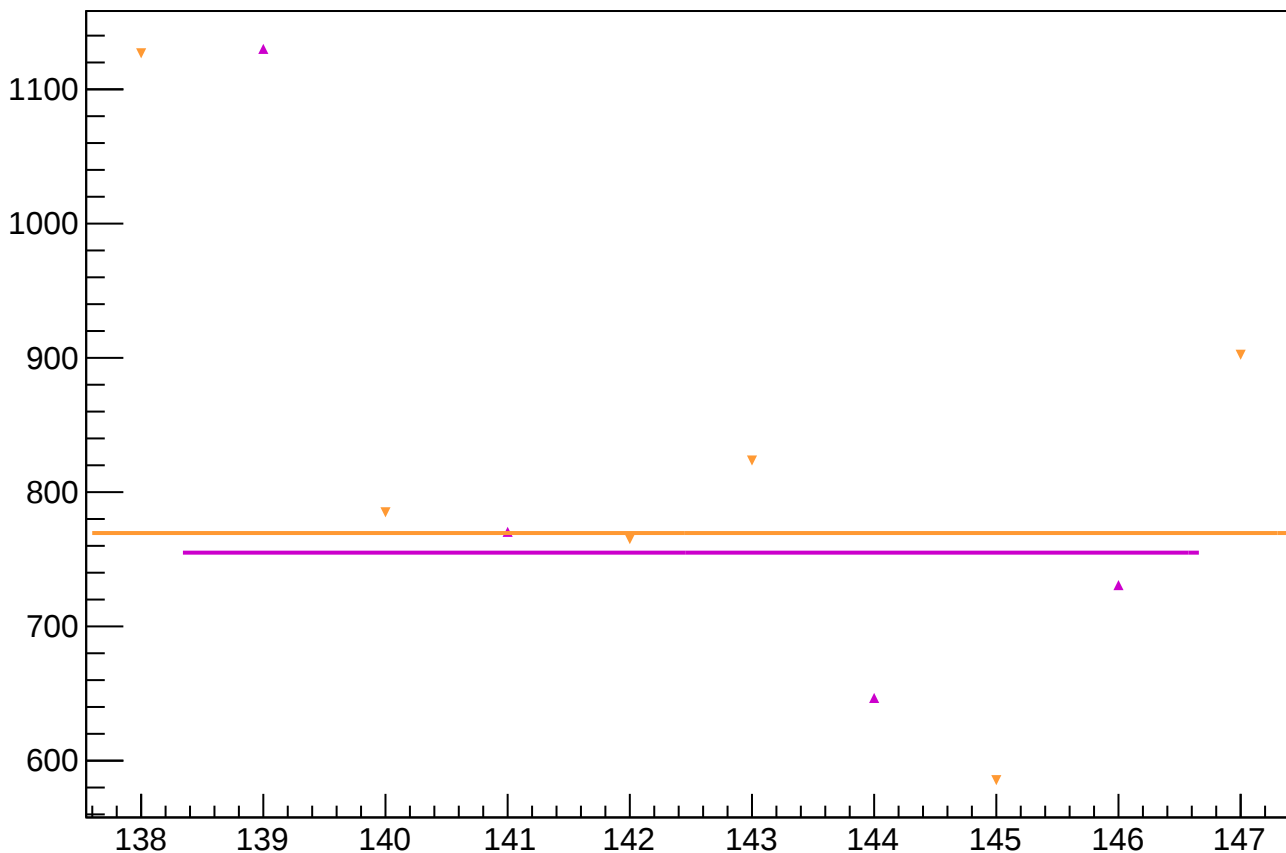
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 464.029+/-423.803 χ^2/NDF :2.5/3

Out: -1182.367+/-380.462 χ^2/NDF :15.5/5

All: -447.635+/-283.114 χ^2/NDF : 26.3/9

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Left: 763.021+/-0.200 χ^2/NDF : 562921.9/9

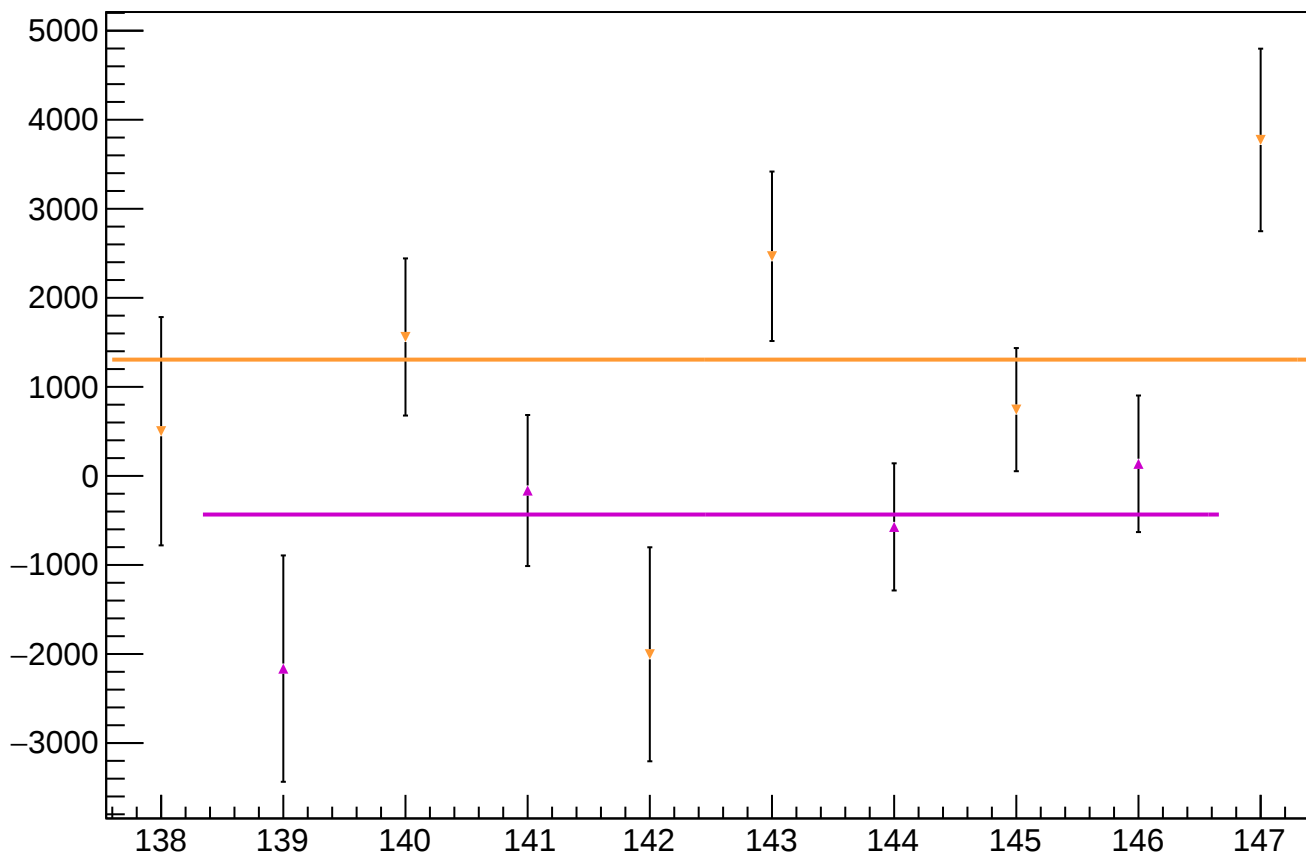
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

All: 763.021+/-0.200 χ^2/NDF : 562921.9/9

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1306.223+/-385.398 χ^2/NDF :16.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -433.621+/-419.944 χ^2/NDF :2.5/3

Left: 510.797+/-283.946 χ^2/NDF : 27.9/9

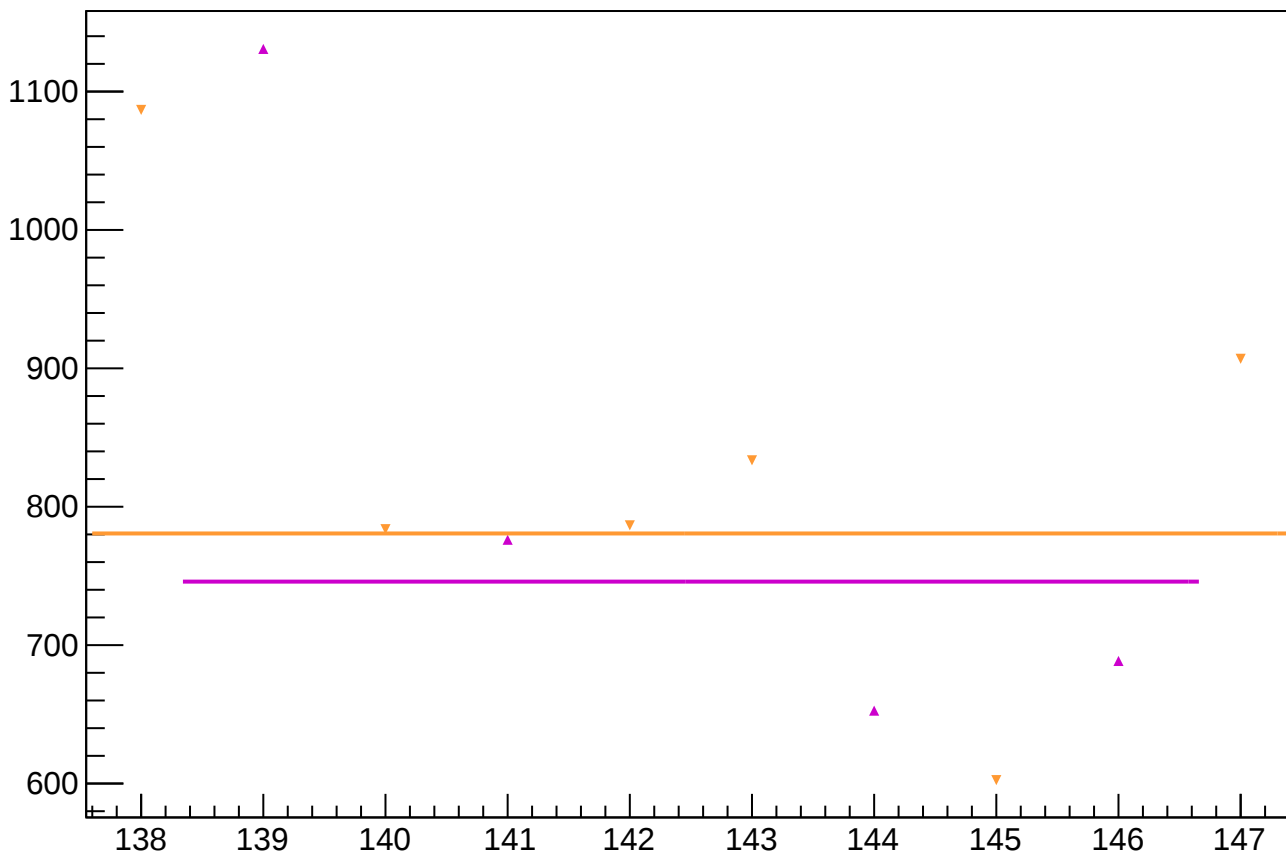
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -433.621+/-419.944 χ^2/NDF :2.5/3

Out: 1306.223+/-385.398 χ^2/NDF :16.0/5

All: 510.797+/-283.946 χ^2/NDF : 27.9/9

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 780.688+/-0.273 χ^2/NDF :283396.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 745.892+/-0.297 χ^2/NDF :231219.9/3

Left: 764.780+/-0.201 χ^2/NDF : 522069.4/9

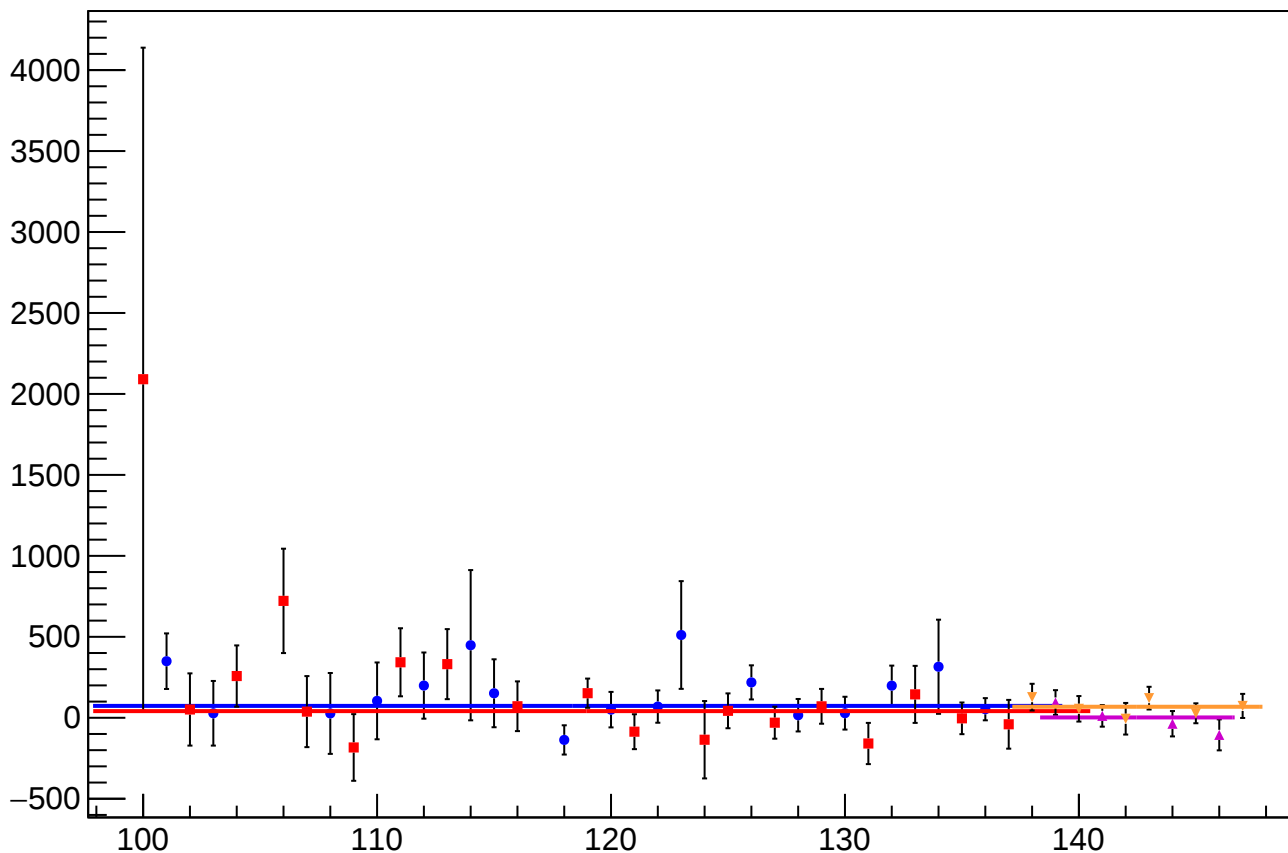
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 745.892+/-0.297 χ^2/NDF :231219.9/3

Out: 780.688+/-0.273 χ^2/NDF :283396.2/5

All: 764.780+/-0.201 χ^2/NDF : 522069.4/9

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: 68.086 $\pm$ 30.700 χ^2 /NDF:2.1/5

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 2.090 $\pm$ 38.687 χ^2 /NDF:3.0/3

Left: 42.584 $\pm$ 24.048 χ^2 /NDF: 6.9/9

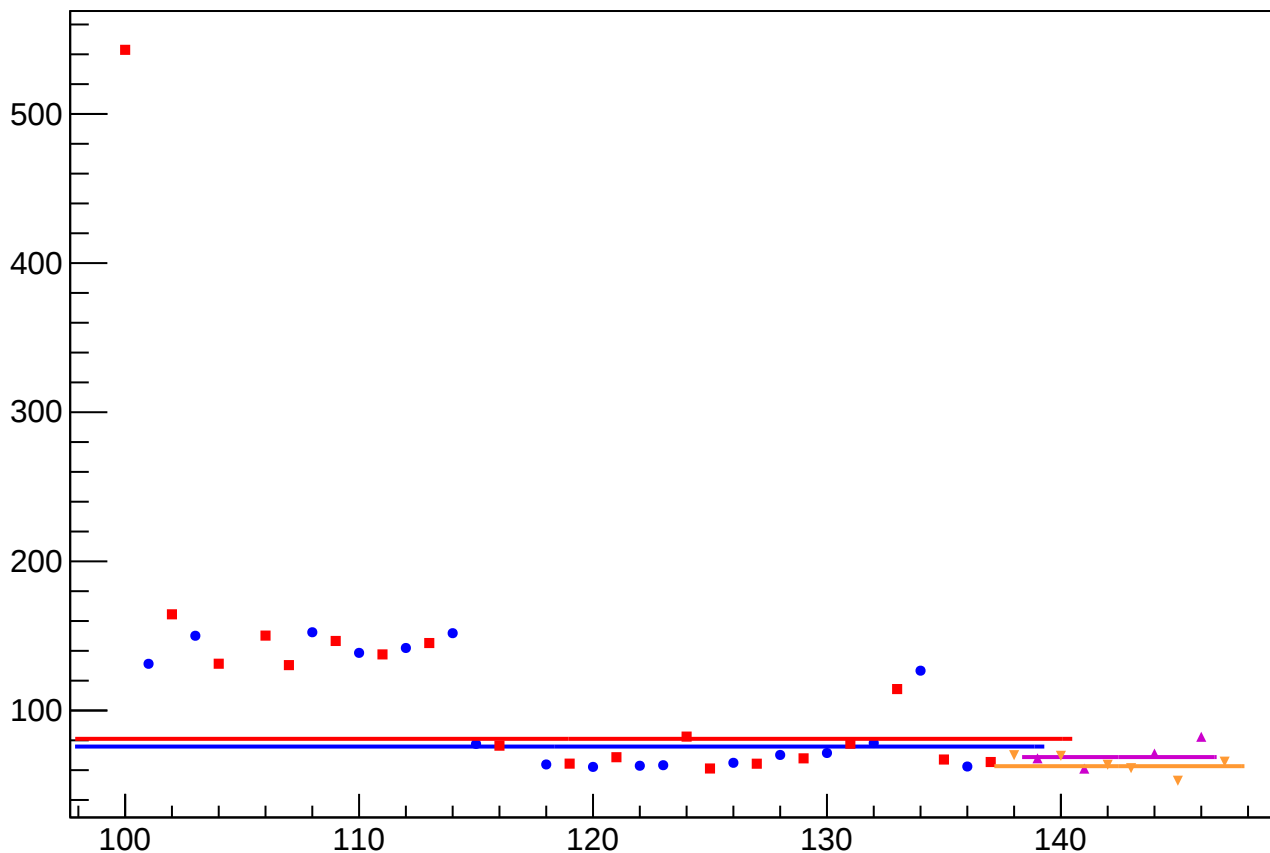
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 45.479 $\pm$ 24.220 χ^2 /NDF:20.3/20

Out: 55.468 $\pm$ 22.395 χ^2 /NDF:21.7/24

All: 50.864 $\pm$ 16.443 χ^2 /NDF: 42.1/45

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: 62.661 $\pm$ 0.022 χ^2 /NDF: 86038.5/5

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 68.768 $\pm$ 0.027 χ^2 /NDF: 69409.7/3

Left: 65.021 $\pm$ 0.017 χ^2 /NDF: 186024.4/9

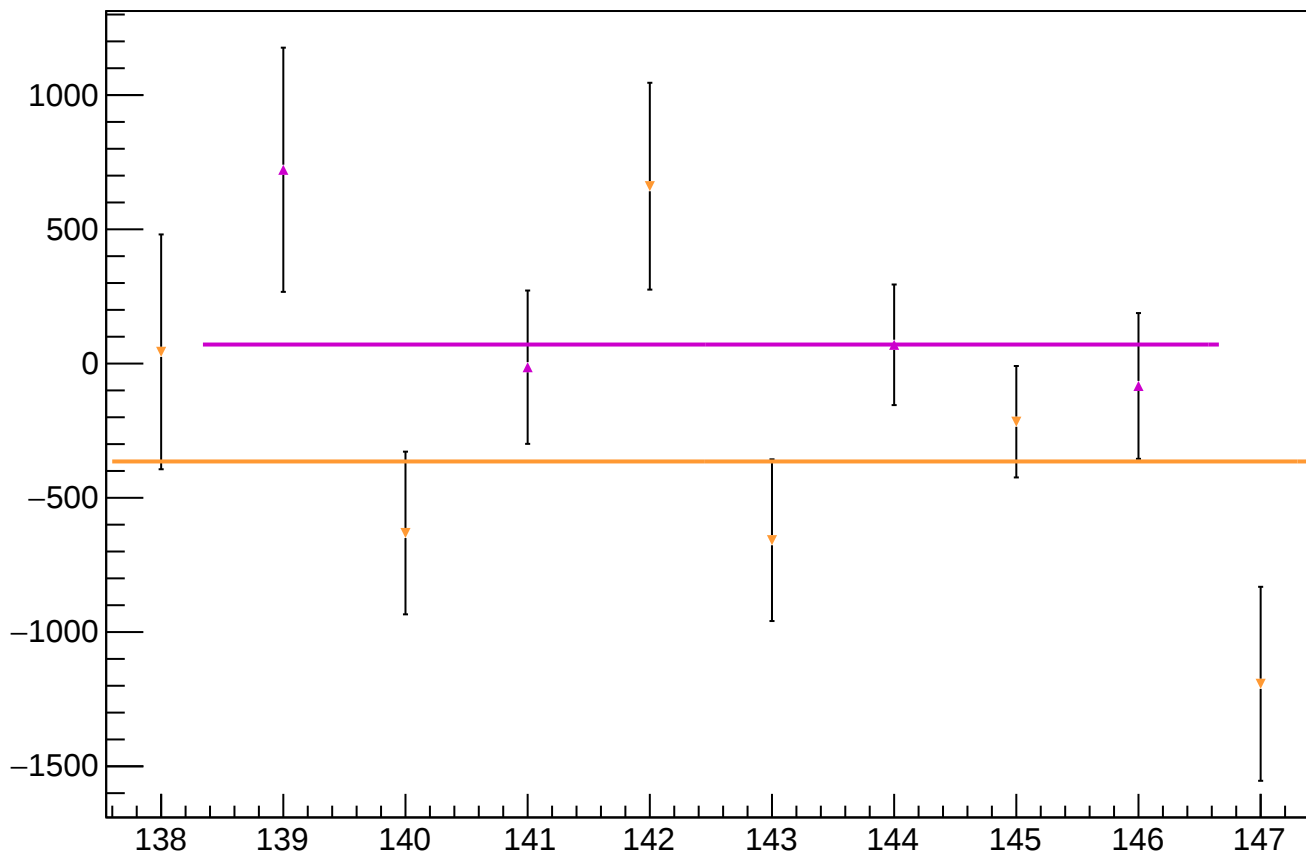
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 73.056 $\pm$ 0.017 χ^2 /NDF: 1459780.2/20

Out: 71.241 $\pm$ 0.016 χ^2 /NDF: 2047817.3/24

All: 72.077 $\pm$ 0.012 χ^2 /NDF: 3513649.1/45

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -364.604 $\pm$ 124.254 χ^2 /NDF:15.4/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 70.882 $\pm$ 140.724 χ^2 /NDF:2.5/3

Left: -173.824 $\pm$ 93.142 χ^2 /NDF: 23.3/9

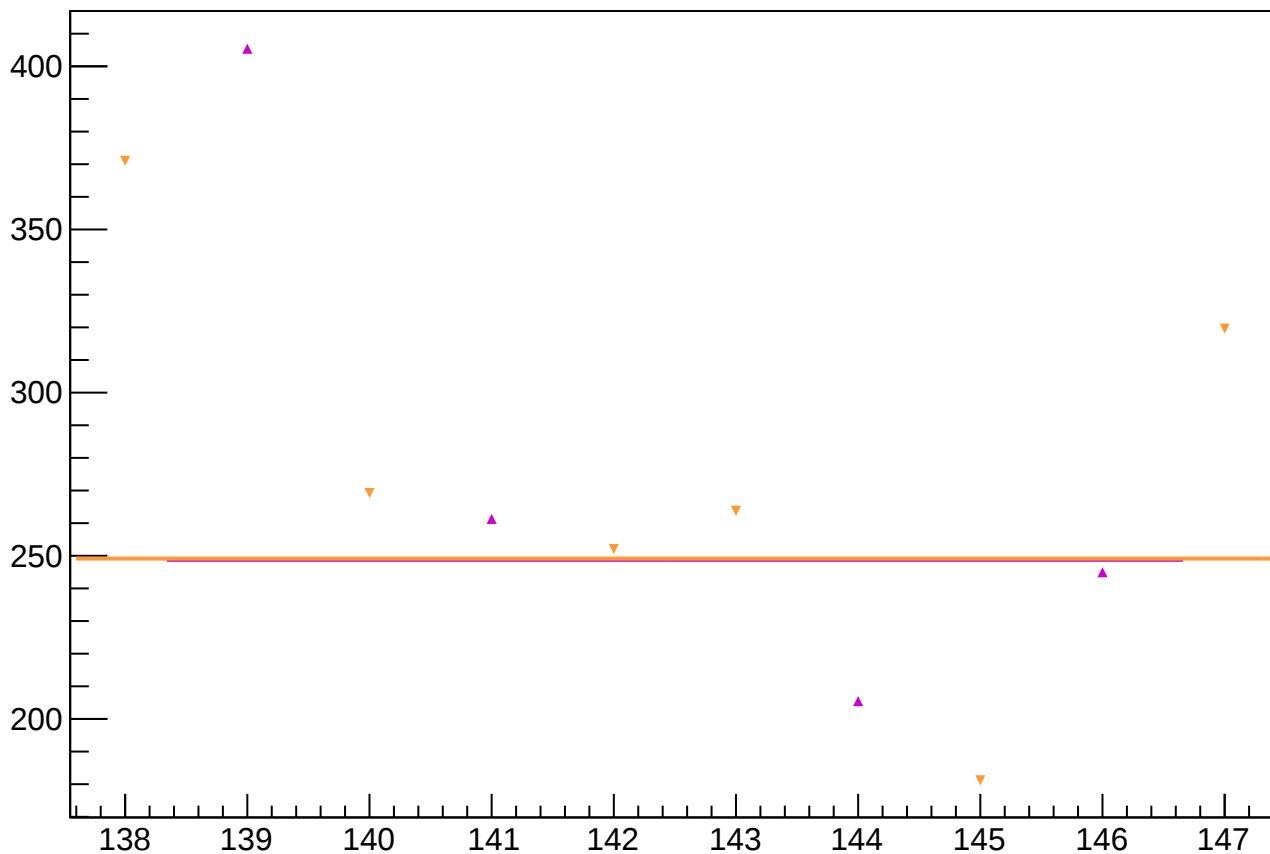
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 70.882 $\pm$ 140.724 χ^2 /NDF:2.5/3

Out: -364.604 $\pm$ 124.254 χ^2 /NDF:15.4/5

All: -173.824 $\pm$ 93.142 χ^2 /NDF: 23.3/9

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 249.143+/-0.088 χ^2/NDF :459631.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.781+/-0.100 χ^2/NDF :315896.0/3

Left: 248.985+/-0.066 χ^2/NDF : 775534.9/9

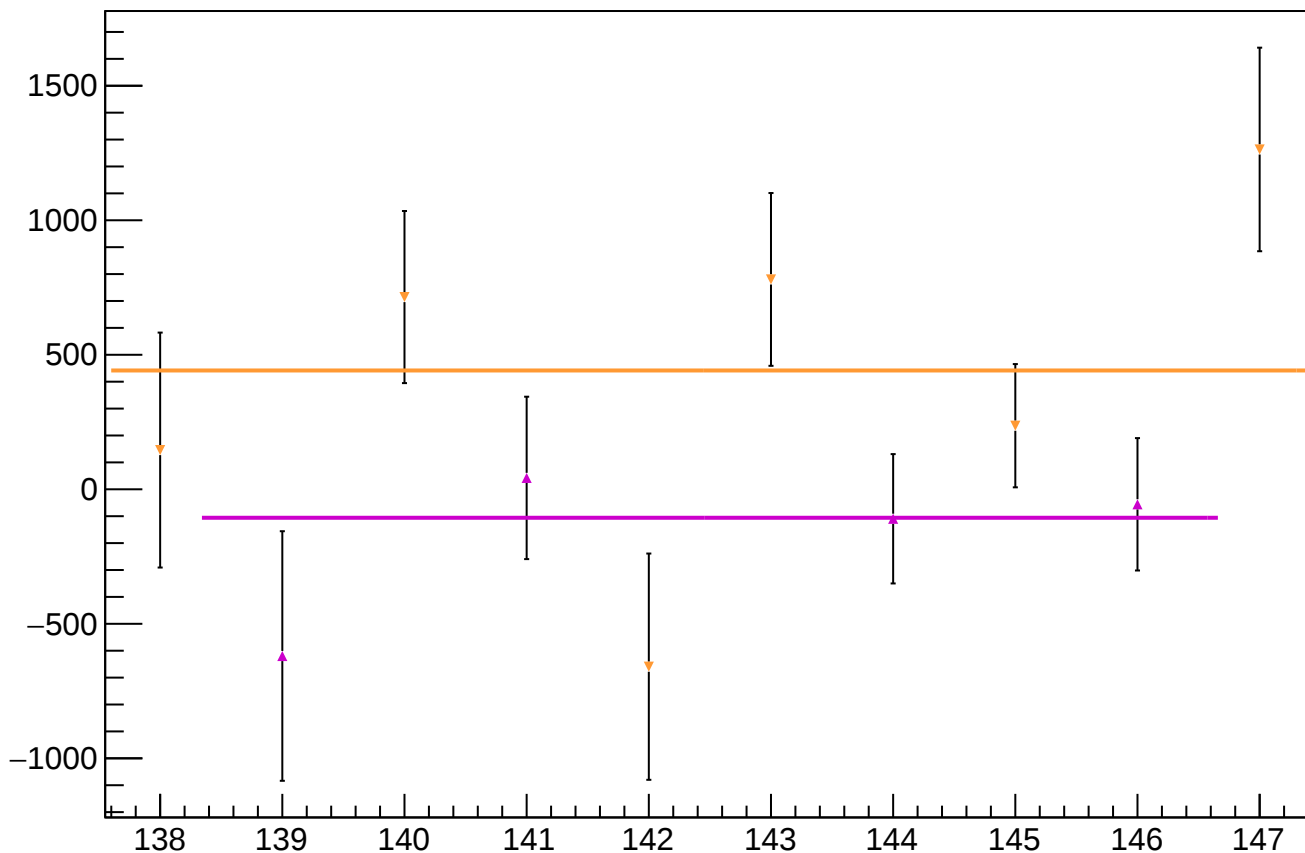
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.781+/-0.100 χ^2/NDF :315896.0/3

Out: 249.143+/-0.088 χ^2/NDF :459631.5/5

All: 248.985+/-0.066 χ^2/NDF : 775534.9/9

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 441.672+/-133.146 χ^2/NDF :14.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -105.829+/-142.213 χ^2/NDF :1.5/3

Left: 185.929+/-97.196 χ^2/NDF : 24.1/9

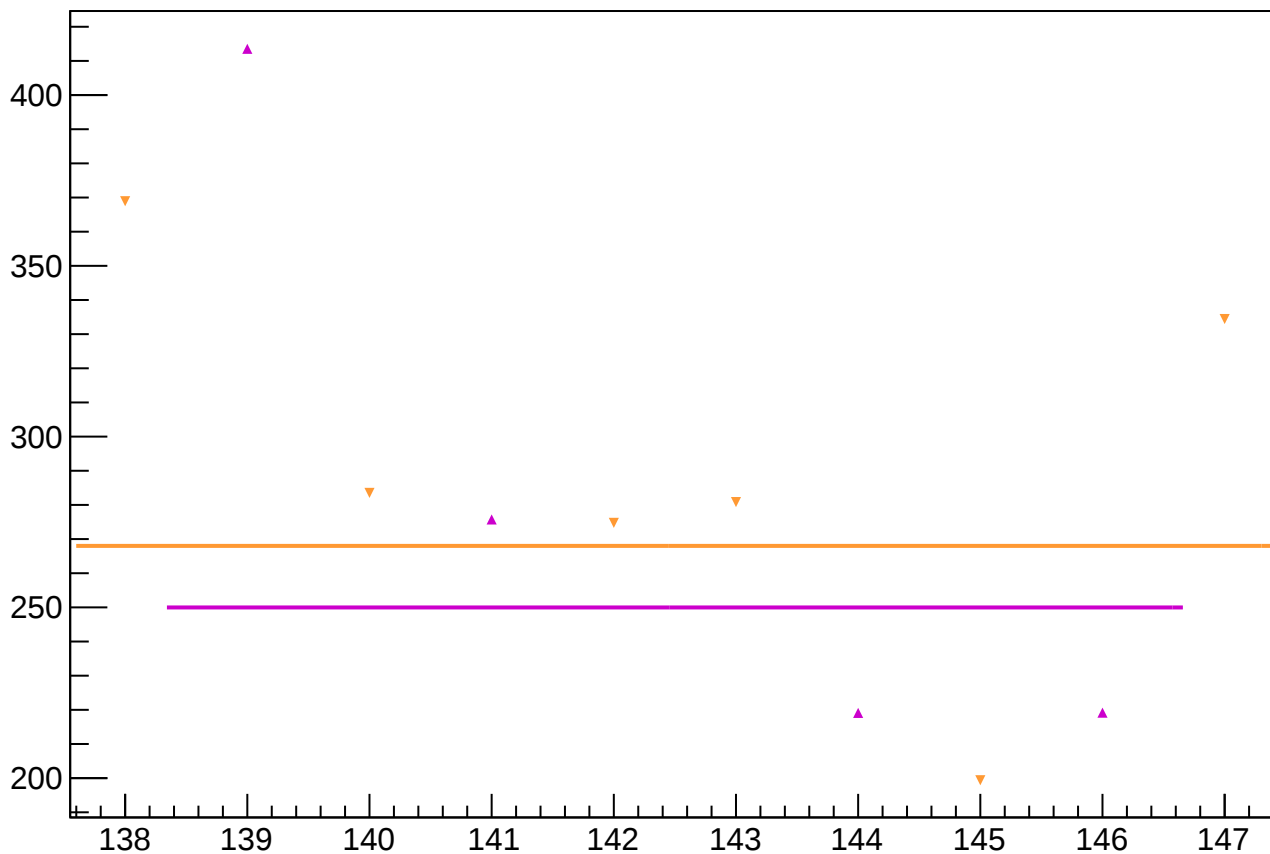
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.829+/-142.213 χ^2/NDF :1.5/3

Out: 441.672+/-133.146 χ^2/NDF :14.7/5

All: 185.929+/-97.196 χ^2/NDF : 24.1/9

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 268.003+/-0.094 χ^2/NDF :356313.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Left: 259.583+/-0.069 χ^2/NDF : 701050.0/9

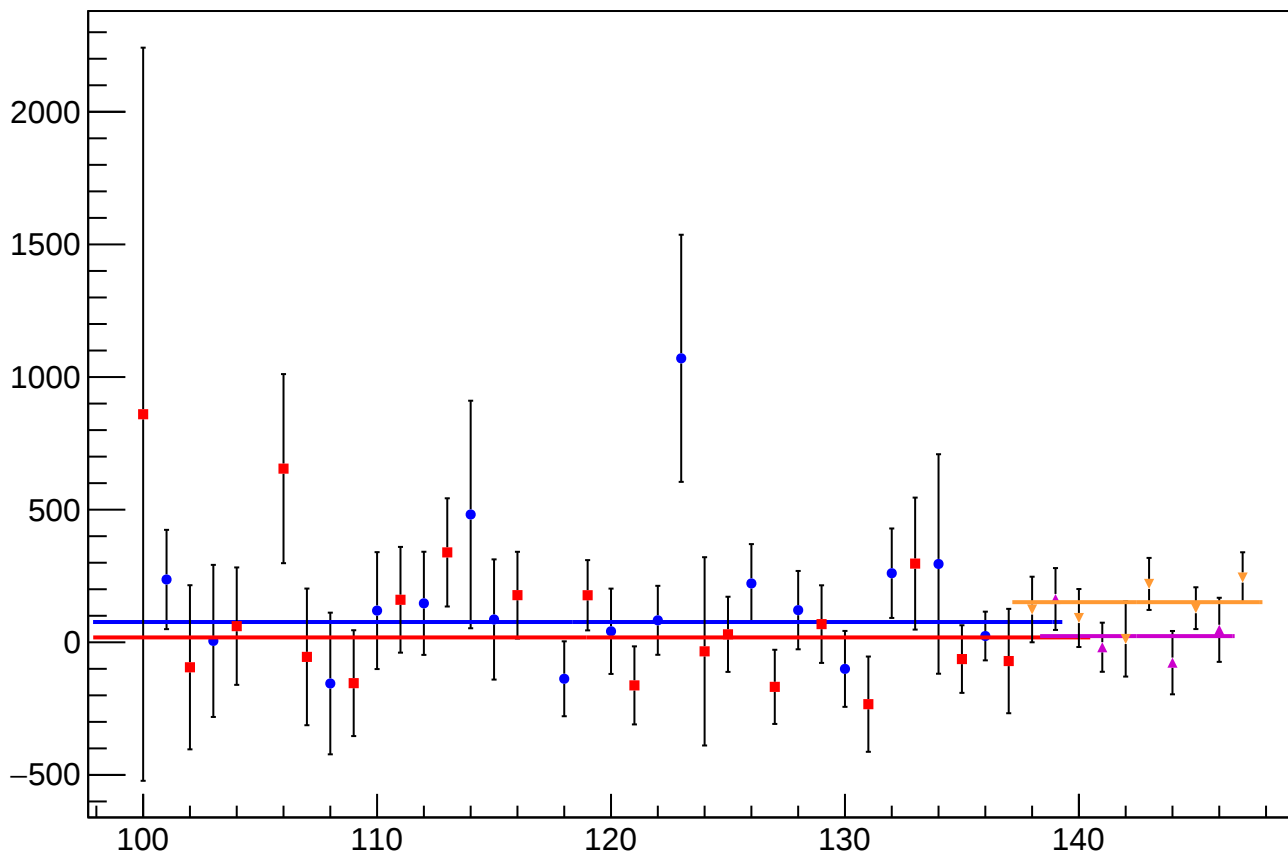
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Out: 268.003+/-0.094 χ^2/NDF :356313.0/5

All: 259.583+/-0.069 χ^2/NDF : 701050.0/9

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 151.327+/-41.734 χ^2/NDF : 2.8/5

Right Out: 18.393+/-42.277 χ^2/NDF : 17.2/18

Left In: 23.355+/-55.138 χ^2/NDF : 2.4/3

Left: 104.716+/-33.277 χ^2/NDF : 8.6/9

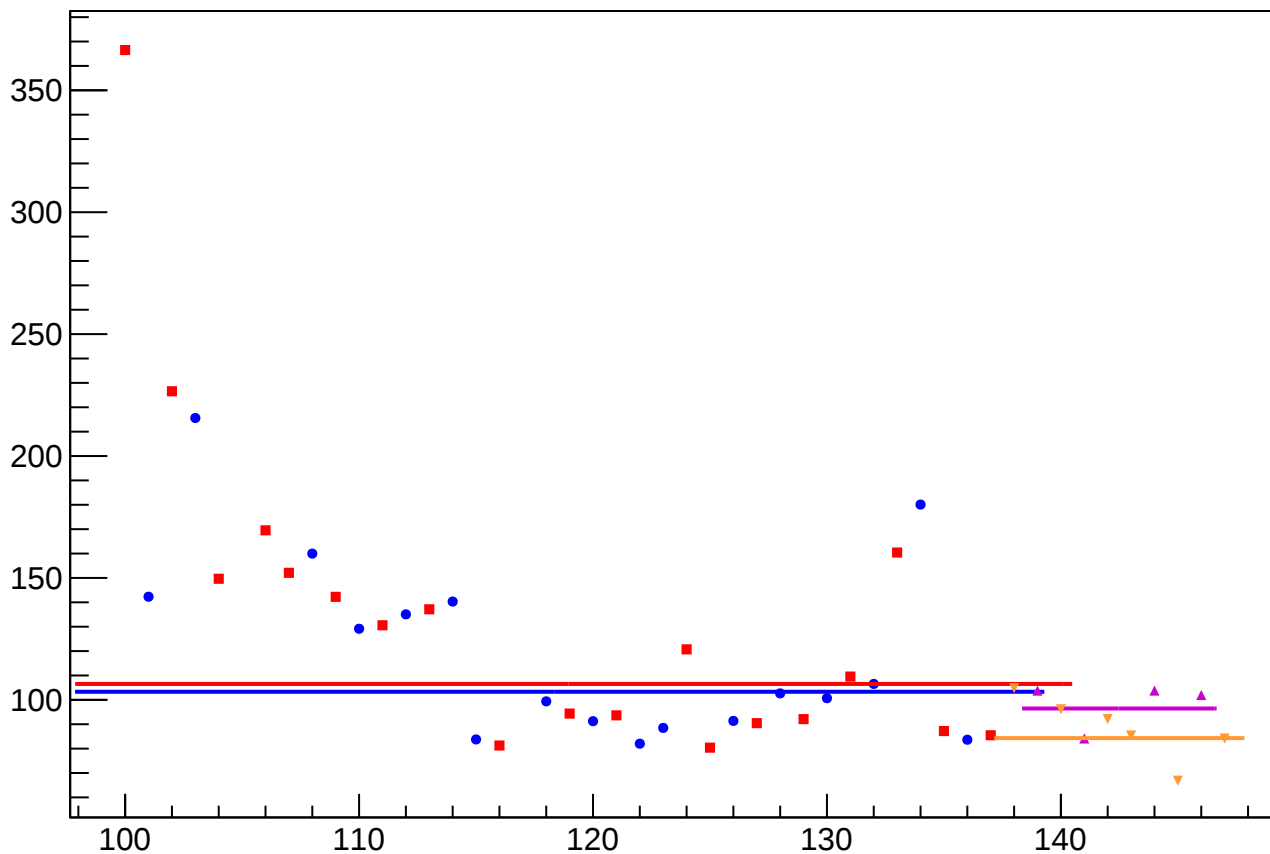
Right: 47.947+/-29.637 χ^2/NDF : 32.0/35

In: 57.249+/-33.187 χ^2/NDF : 16.9/20

Out: 85.720+/-29.701 χ^2/NDF : 25.0/24

All: 73.058+/-22.132 χ^2/NDF : 42.3/45

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 84.309 $\pm$ 0.030 χ^2 /NDF:182964.1/5

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 96.451 $\pm$ 0.039 χ^2 /NDF:55021.4/3

Left: 88.731 $\pm$ 0.024 χ^2 /NDF: 299648.2/9

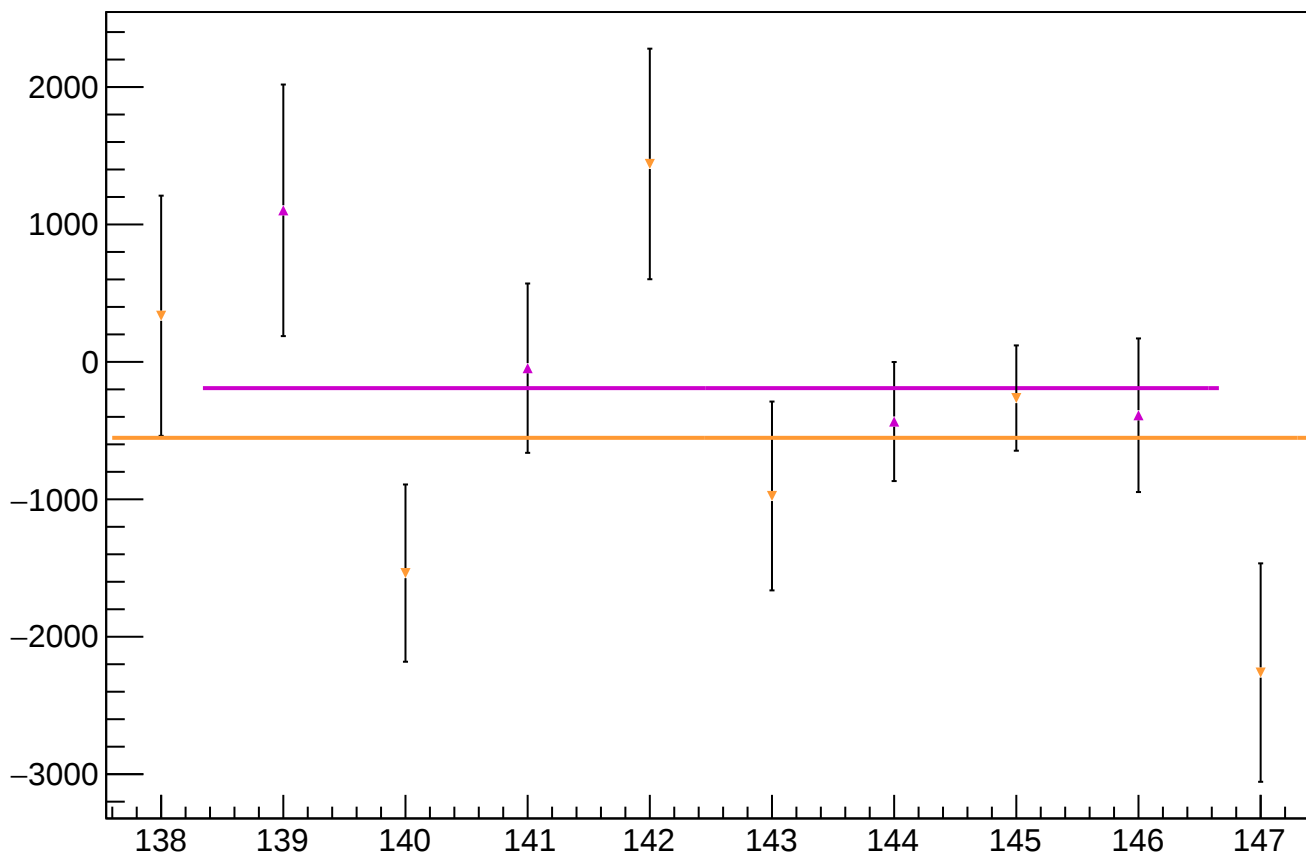
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 100.830 $\pm$ 0.023 χ^2 /NDF:912604.2/20

Out: 95.277 $\pm$ 0.021 χ^2 /NDF:1534410.3/24

All: 97.746 $\pm$ 0.016 χ^2 /NDF: 2478110.9/45

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -552.571+/-252.777 χ^2/NDF :14.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -190.939+/-284.450 χ^2/NDF :2.5/3

Left: -393.001+/-188.950 χ^2/NDF : 18.0/9

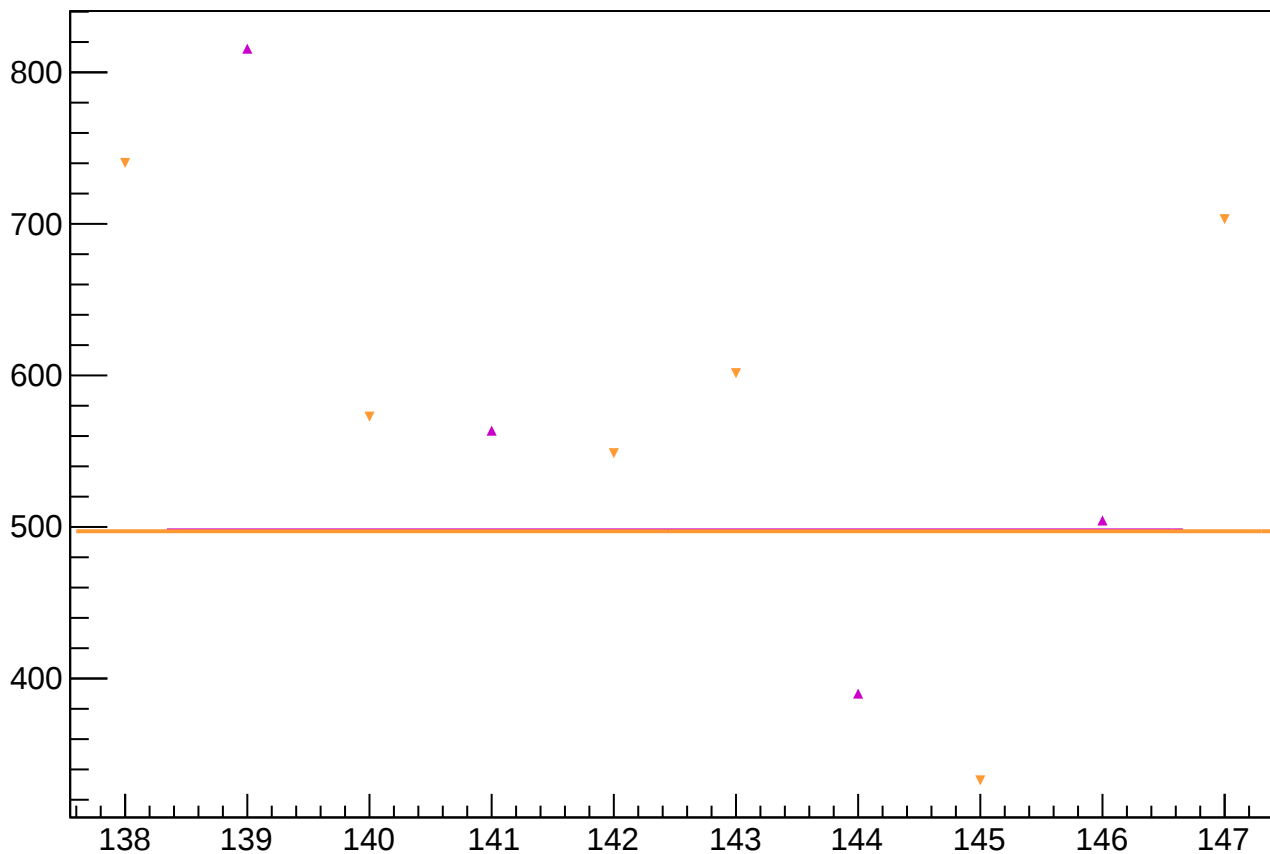
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -190.939+/-284.450 χ^2/NDF :2.5/3

Out: -552.571+/-252.777 χ^2/NDF :14.6/5

All: -393.001+/-188.950 χ^2/NDF : 18.0/9

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 497.739+/-0.201 χ^2/NDF : 387957.4/3

Left: 497.420+/-0.134 χ^2/NDF : 1126266.8/9

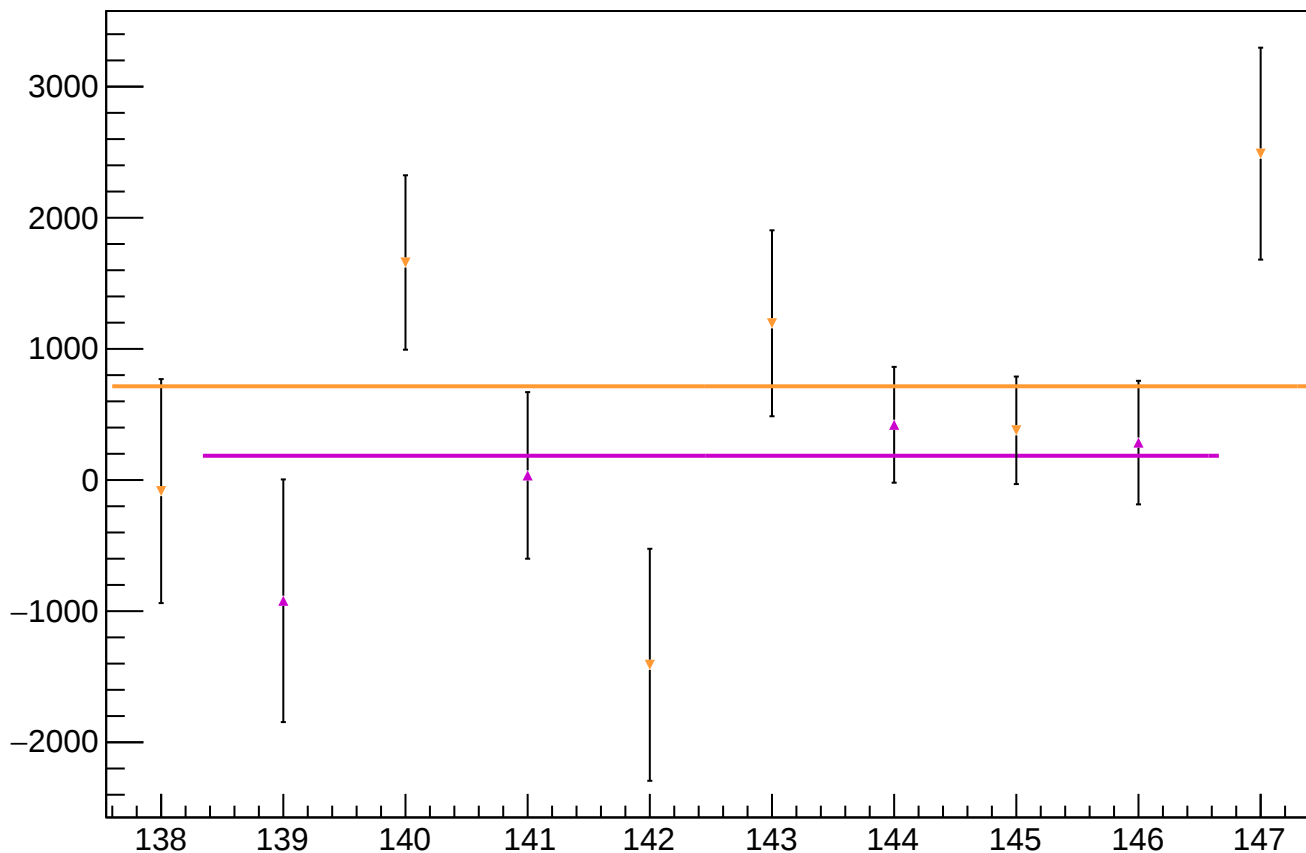
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 497.739+/-0.201 χ^2/NDF : 387957.4/3

Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

All: 497.420+/-0.134 χ^2/NDF : 1126266.8/9

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 714.835+/-263.727 χ^2/NDF :14.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 185.102+/-274.433 χ^2/NDF :1.8/3

Left: 460.503+/-190.155 χ^2/NDF : 18.4/9

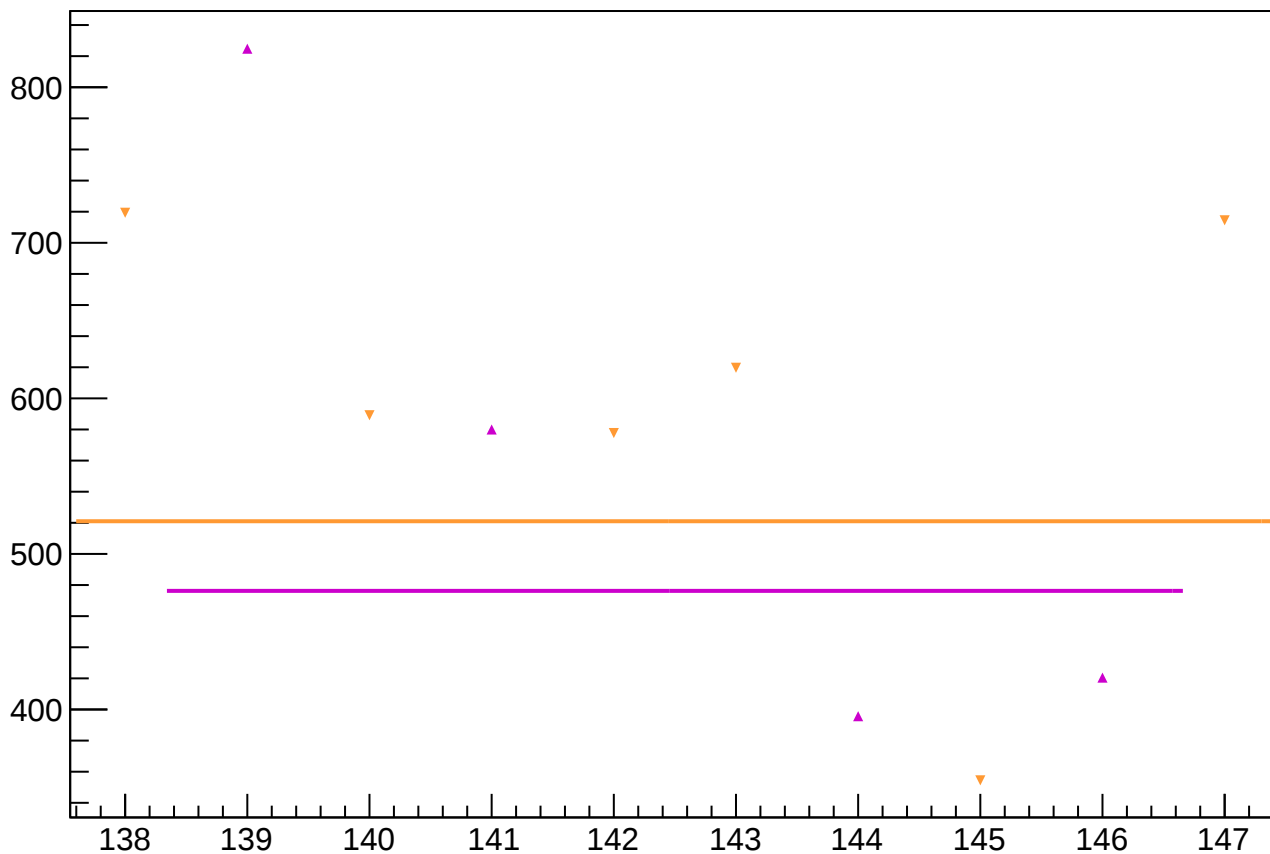
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 185.102+/-274.433 χ^2/NDF :1.8/3

Out: 714.835+/-263.727 χ^2/NDF :14.6/5

All: 460.503+/-190.155 χ^2/NDF : 18.4/9

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 521.013+/-0.186 χ^2/NDF :620409.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Left: 499.520+/-0.134 χ^2/NDF : 1079776.6/9

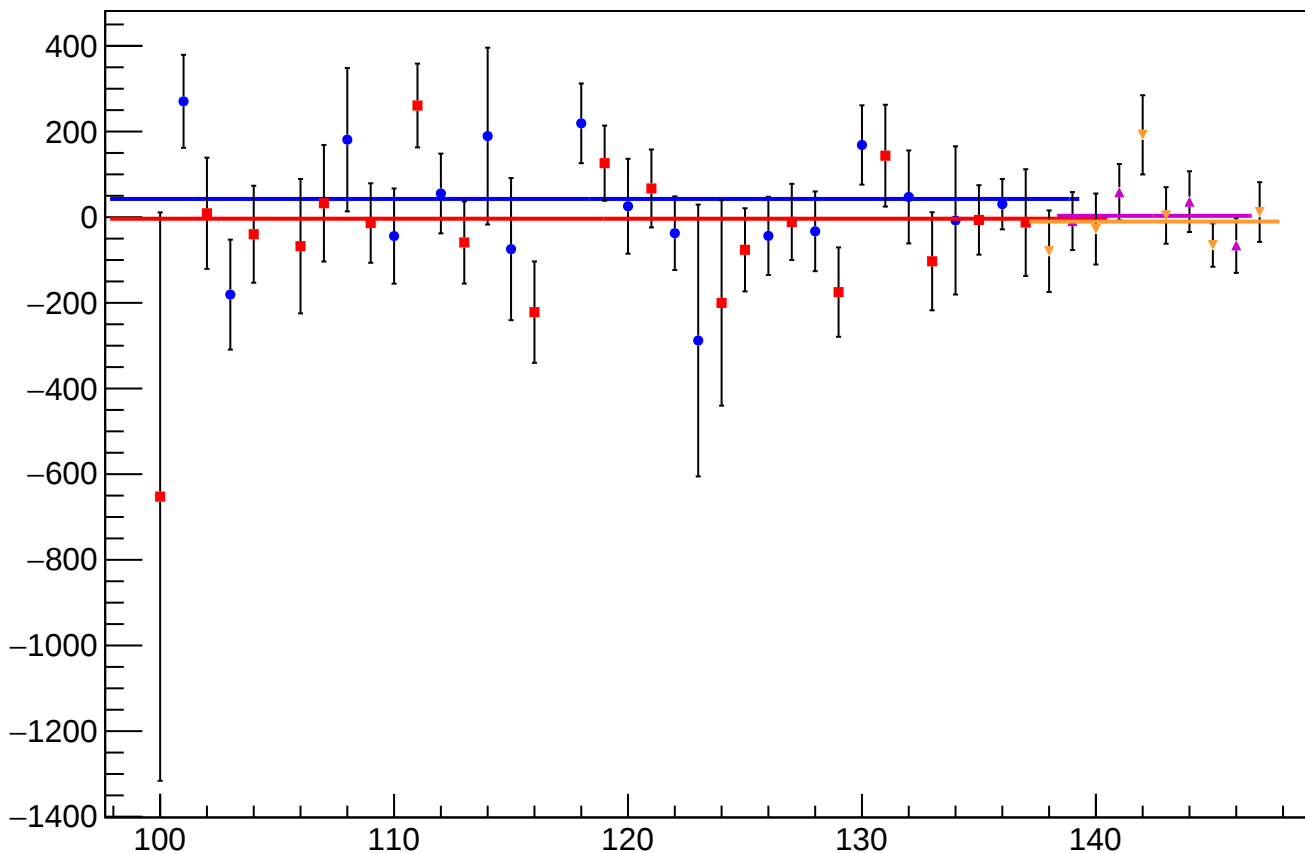
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Out: 521.013+/-0.186 χ^2/NDF :620409.6/5

All: 499.520+/-0.134 χ^2/NDF : 1079776.6/9

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: -10.157+/-28.896 χ^2/NDF : 6.7/5

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: 3.193+/-33.481 χ^2/NDF : 2.1/3

Left: -4.458+/-21.875 χ^2/NDF : 8.9/9

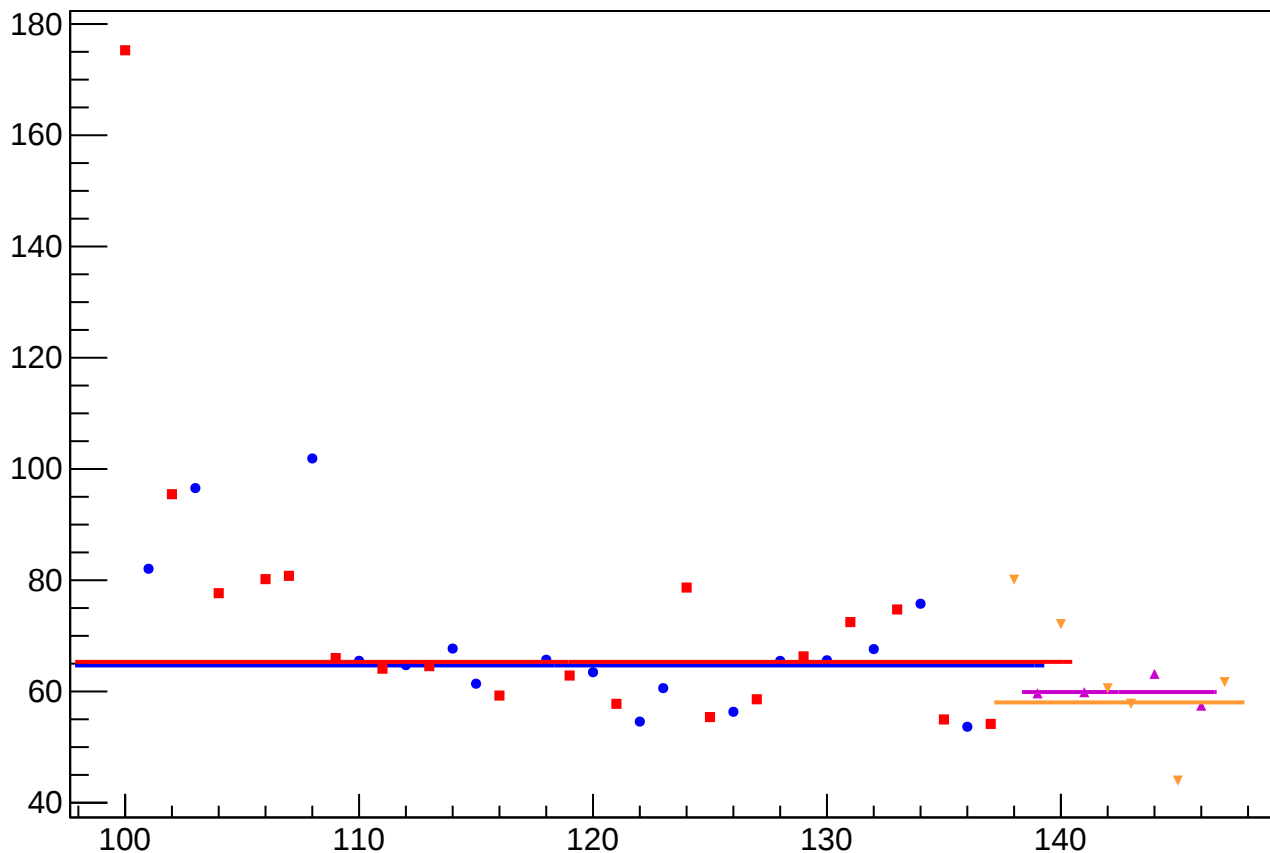
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 28.177+/-20.279 χ^2/NDF : 21.8/20

Out: -6.361+/-18.936 χ^2/NDF : 28.1/24

All: 9.727+/-13.840 χ^2/NDF : 51.5/45

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: 58.038 $\pm$ 0.020 χ^2 /NDF: 325799.1/5

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 59.898 $\pm$ 0.024 χ^2 /NDF: 7147.1/3

Left: 58.832 $\pm$ 0.015 χ^2 /NDF: 336484.1/9

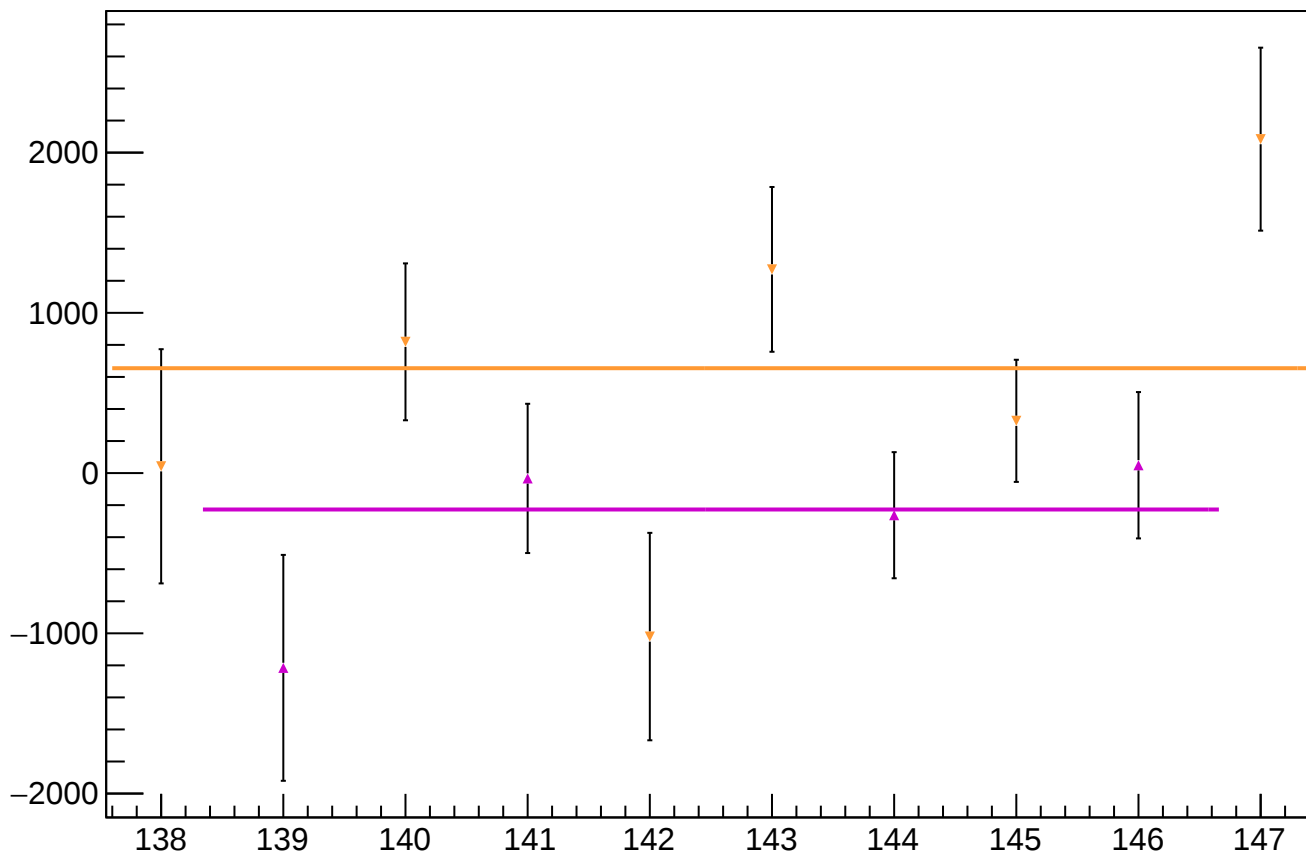
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 62.929 $\pm$ 0.014 χ^2 /NDF: 433224.8/20

Out: 62.195 $\pm$ 0.013 χ^2 /NDF: 757928.5/24

All: 62.537 $\pm$ 0.010 χ^2 /NDF: 1192553.1/45

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: 654.470+/-212.404 χ^2/NDF :16.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -227.276+/-236.524 χ^2/NDF :2.5/3

Left: 260.836+/-158.034 χ^2/NDF : 26.2/9

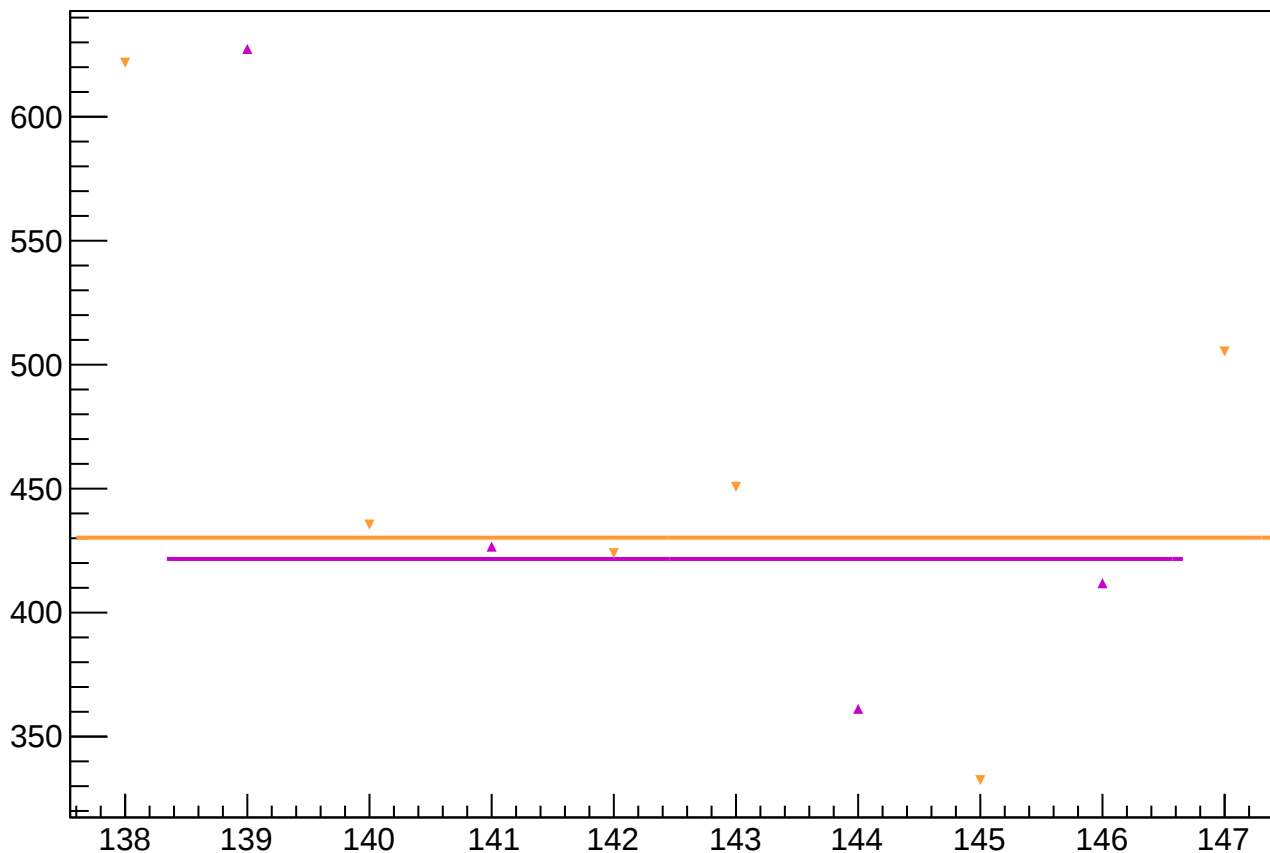
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -227.276+/-236.524 χ^2/NDF :2.5/3

Out: 654.470+/-212.404 χ^2/NDF :16.0/5

All: 260.836+/-158.034 χ^2/NDF : 26.2/9

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: 430.245+/-0.150 χ^2/NDF :307293.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Left: 426.403+/-0.112 χ^2/NDF : 527441.0/9

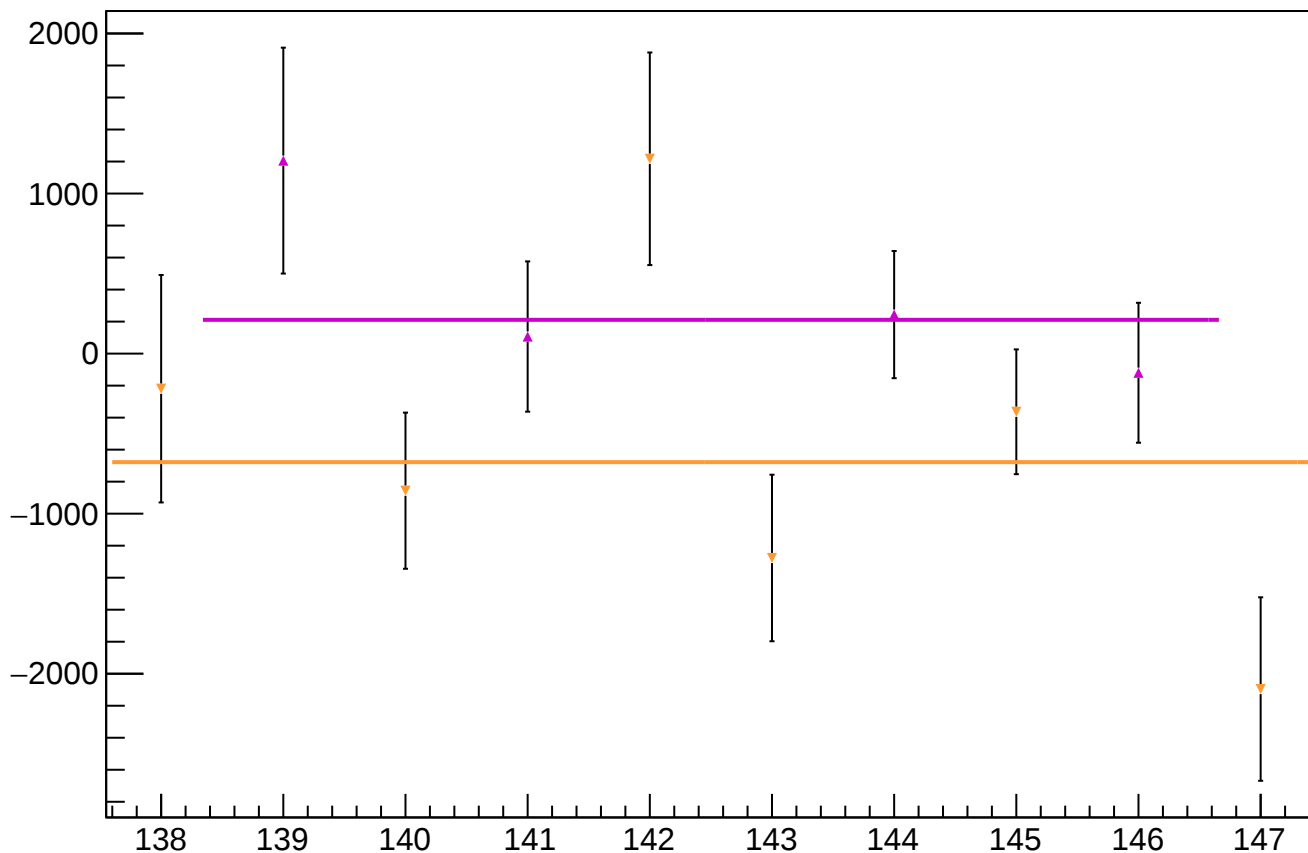
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Out: 430.245+/-0.150 χ^2/NDF :307293.8/5

All: 426.403+/-0.112 χ^2/NDF : 527441.0/9

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -678.122 ± 214.340 χ^2/NDF : 16.8/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 211.095 ± 234.962 χ^2/NDF : 2.6/3

Left: -274.241 ± 158.351 χ^2/NDF : 27.2/9

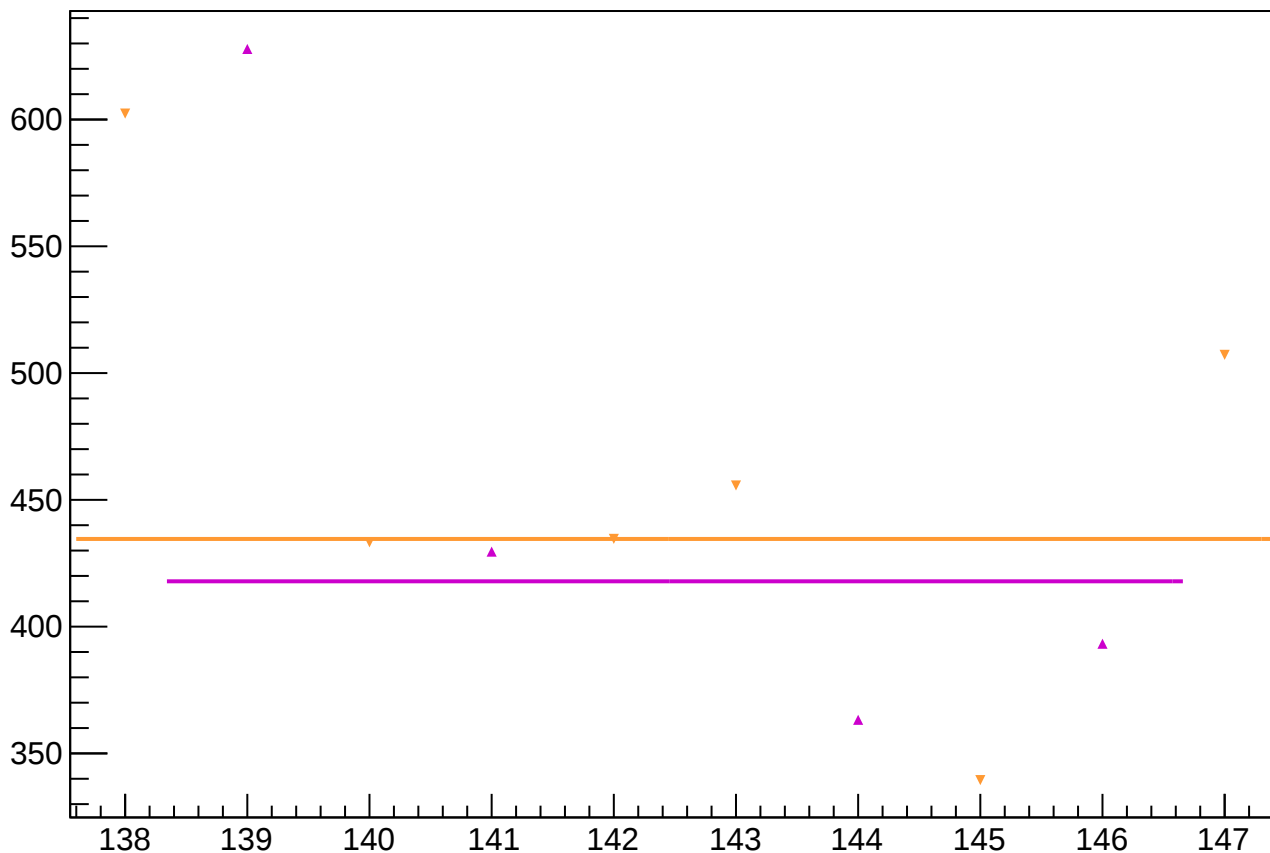
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 211.095 ± 234.962 χ^2/NDF : 2.6/3

Out: -678.122 ± 214.340 χ^2/NDF : 16.8/5

All: -274.241 ± 158.351 χ^2/NDF : 27.2/9

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 434.582+/-0.152 χ^2/NDF : 265872.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 417.875+/-0.166 χ^2/NDF : 222461.8/3

Left: 426.994+/-0.112 χ^2/NDF : 493853.8/9

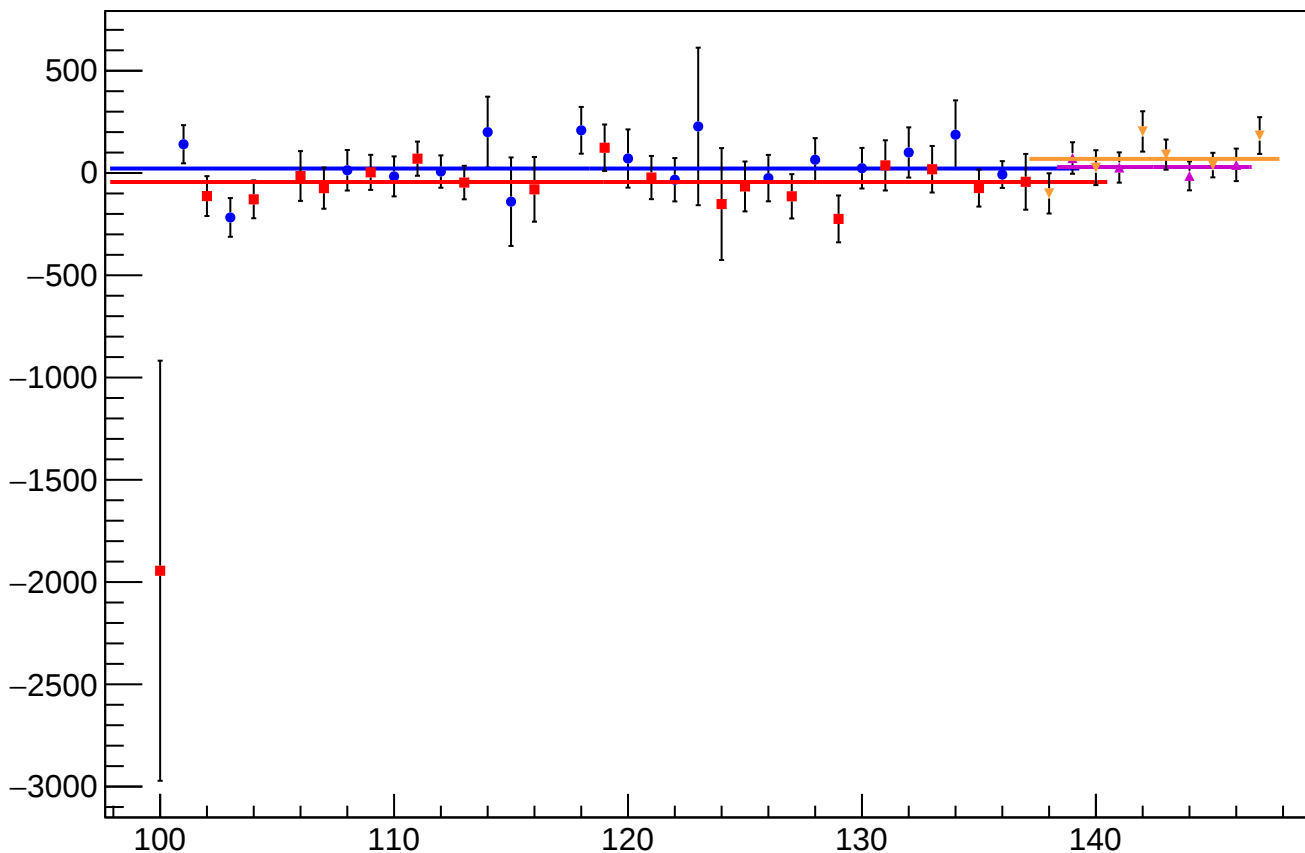
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 417.875+/-0.166 χ^2/NDF : 222461.8/3

Out: 434.582+/-0.152 χ^2/NDF : 265872.5/5

All: 426.994+/-0.112 χ^2/NDF : 493853.8/9

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: 69.026 $\pm$ 32.821 χ^2 /NDF:7.0/5

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 29.390 $\pm$ 37.573 χ^2 /NDF:0.7/3

Left: 51.871 $\pm$ 24.718 χ^2 /NDF: 8.3/9

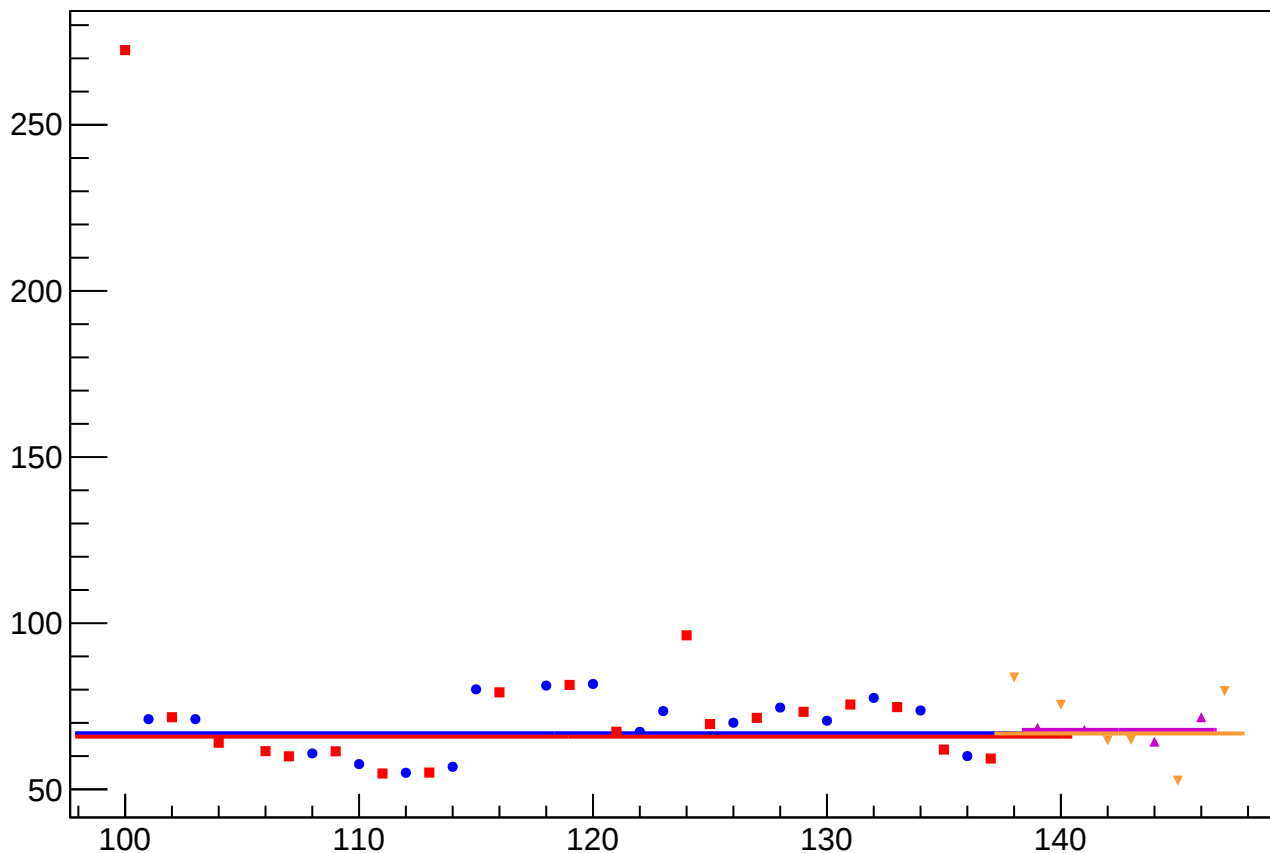
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 24.338 $\pm$ 21.411 χ^2 /NDF:15.8/20

Out: -2.244 $\pm$ 19.942 χ^2 /NDF:27.8/24

All: 10.104 $\pm$ 14.593 χ^2 /NDF: 44.4/45

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: 66.808 $\pm$ 0.023 χ^2 /NDF:233239.0/5

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 67.892 $\pm$ 0.027 χ^2 /NDF:9708.0/3

Left: 67.277 $\pm$ 0.017 χ^2 /NDF: 243891.0/9

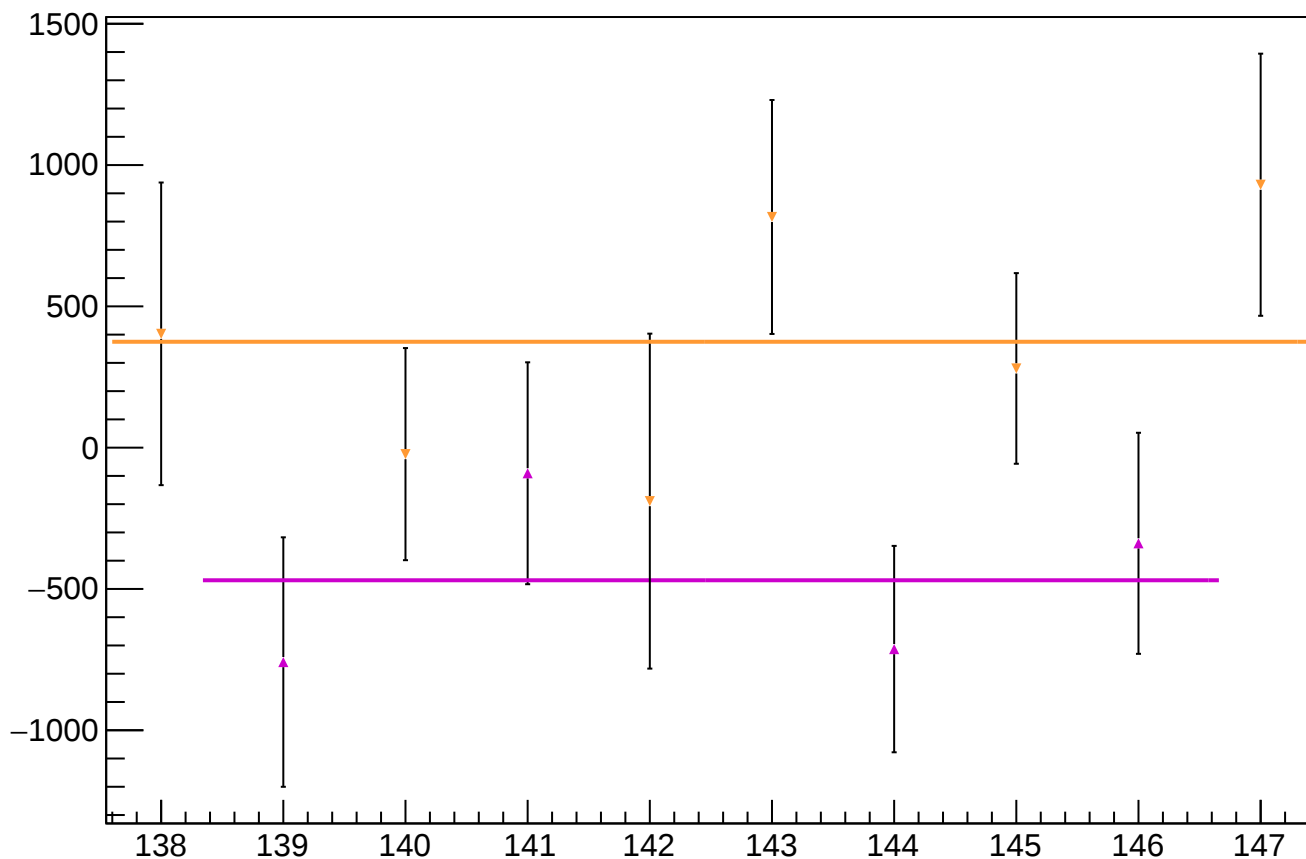
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.203 $\pm$ 0.015 χ^2 /NDF:213218.9/20

Out: 66.206 $\pm$ 0.014 χ^2 /NDF:534178.8/24

All: 66.669 $\pm$ 0.010 χ^2 /NDF: 749719.6/45

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: 374.732+/-174.854 χ^2/NDF : 4.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -469.273+/-197.429 χ^2/NDF : 1.9/3

Left: 3.721+/-130.897 χ^2/NDF : 16.8/9

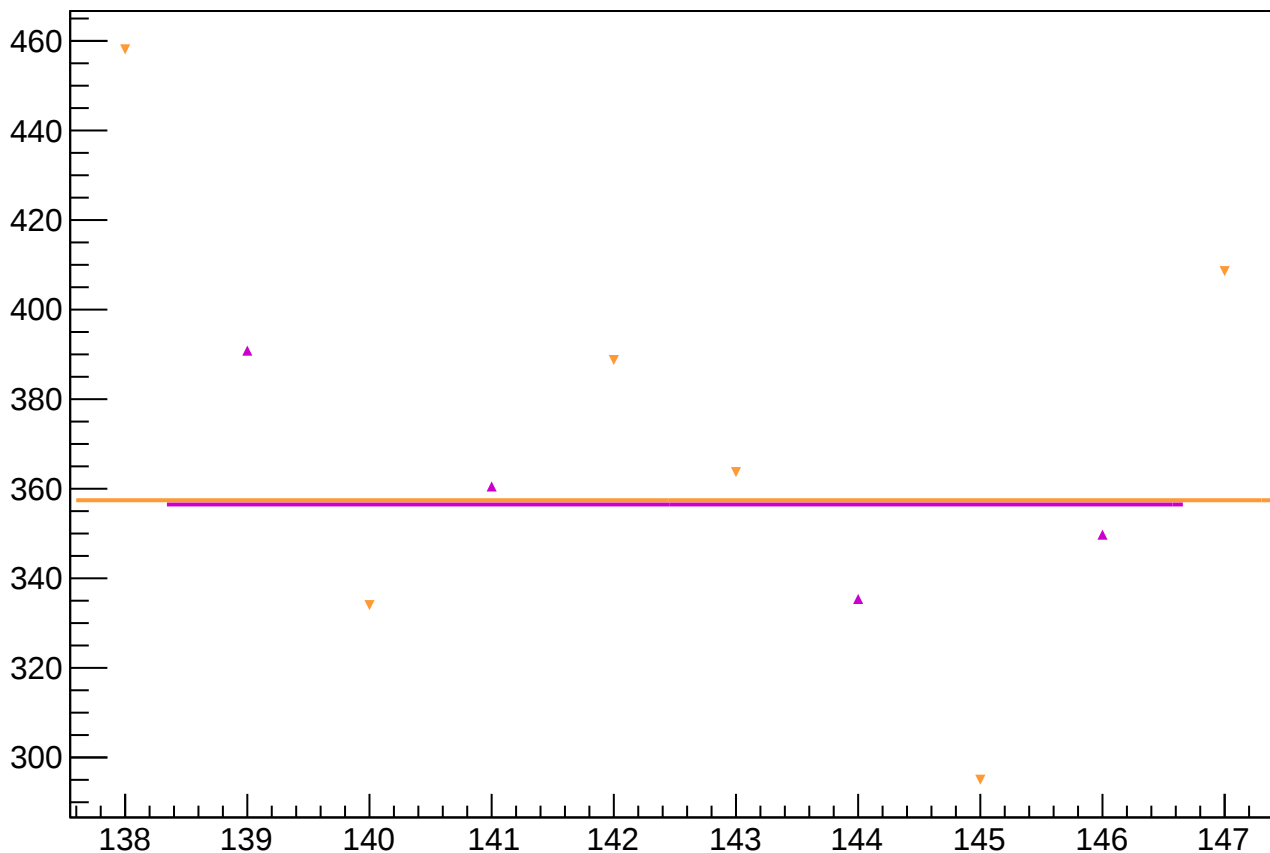
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -469.273+/-197.429 χ^2/NDF : 1.9/3

Out: 374.732+/-174.854 χ^2/NDF : 4.7/5

All: 3.721+/-130.897 χ^2/NDF : 16.8/9

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: 357.432+/-0.124 χ^2/NDF :177321.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Left: 357.019+/-0.093 χ^2/NDF : 196939.5/9

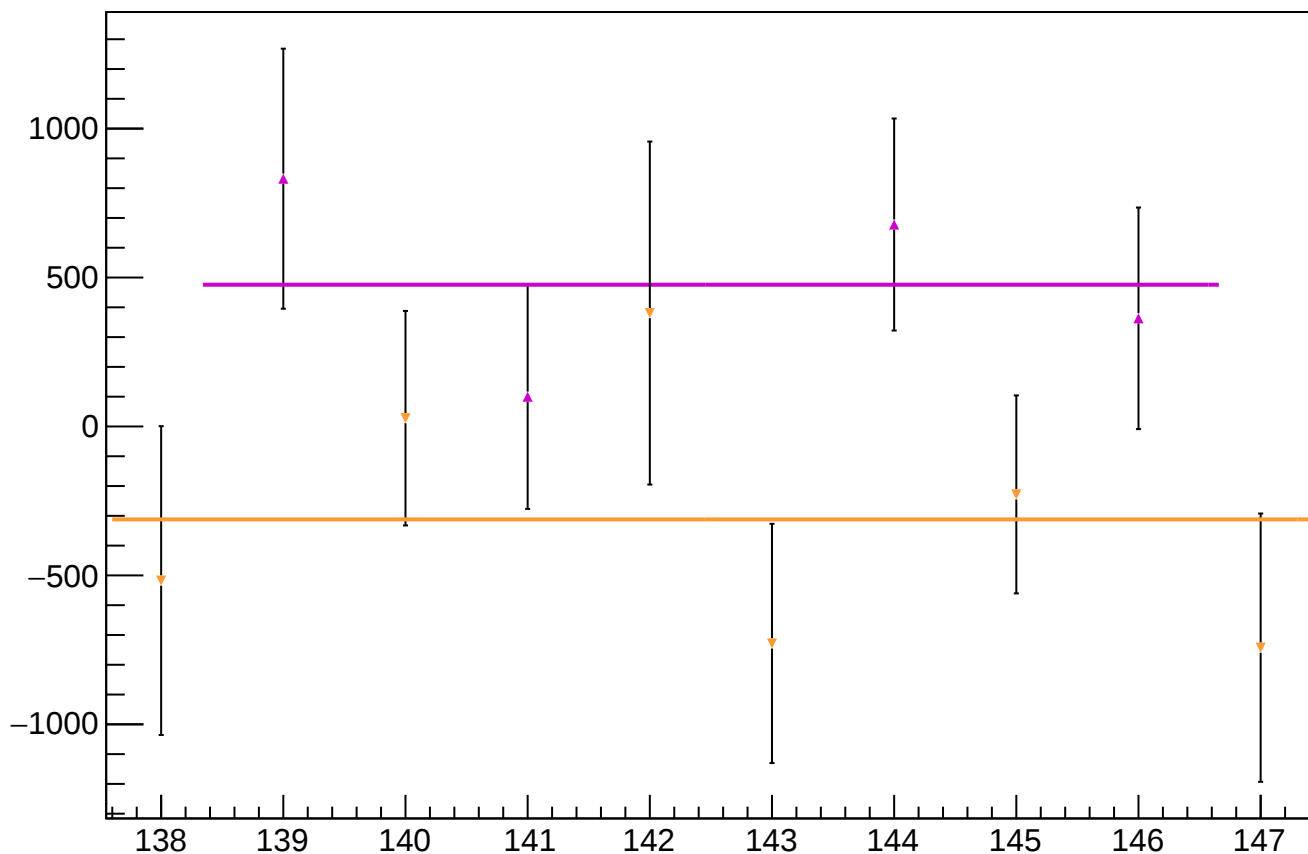
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Out: 357.432+/-0.124 χ^2/NDF :177321.9/5

All: 357.019+/-0.093 χ^2/NDF : 196939.5/9

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -311.967+/-169.911 χ^2/NDF : 4.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Left: 36.080+/-126.947 χ^2/NDF : 16.1/9

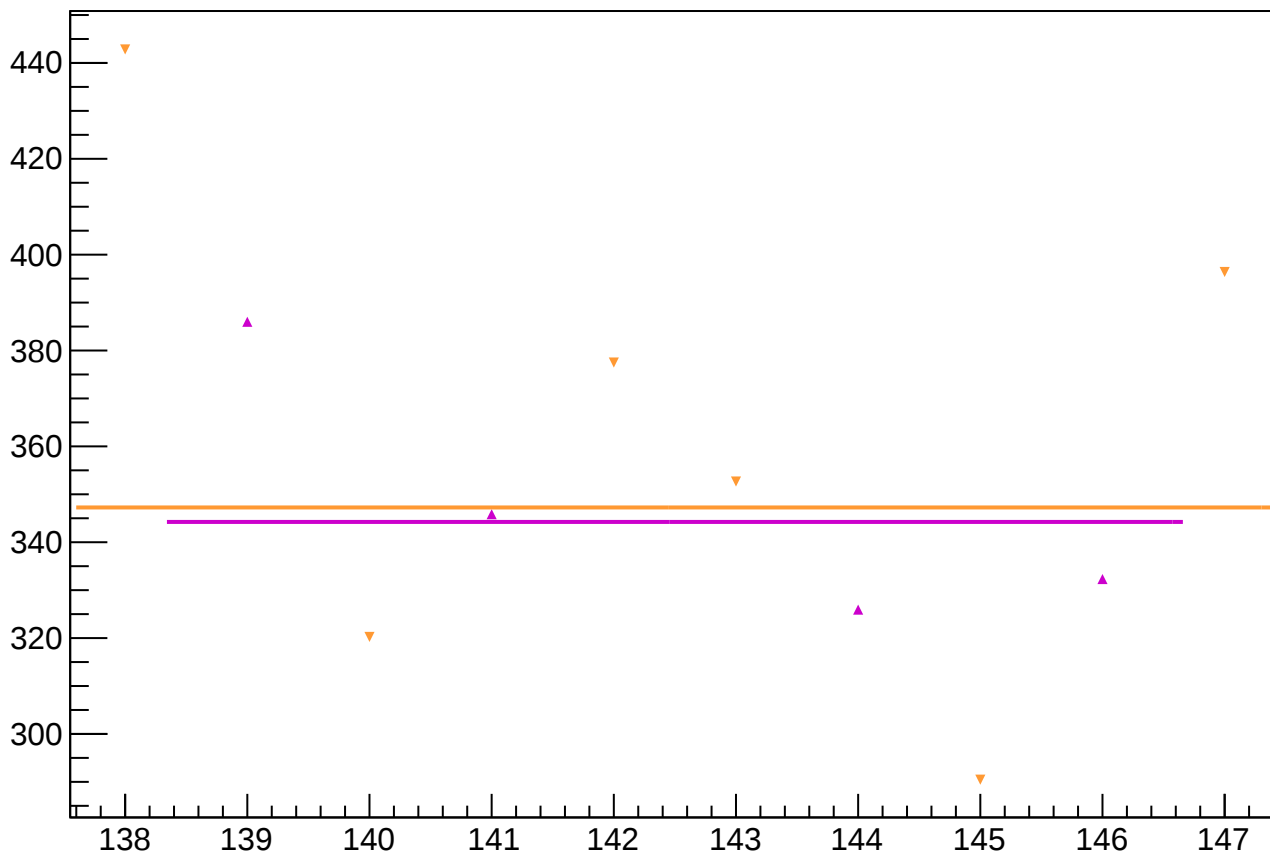
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Out: -311.967+/-169.911 χ^2/NDF : 4.5/5

All: 36.080+/-126.947 χ^2/NDF : 16.1/9

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Left: 345.921+/-0.090 χ^2/NDF : 193280.2/9

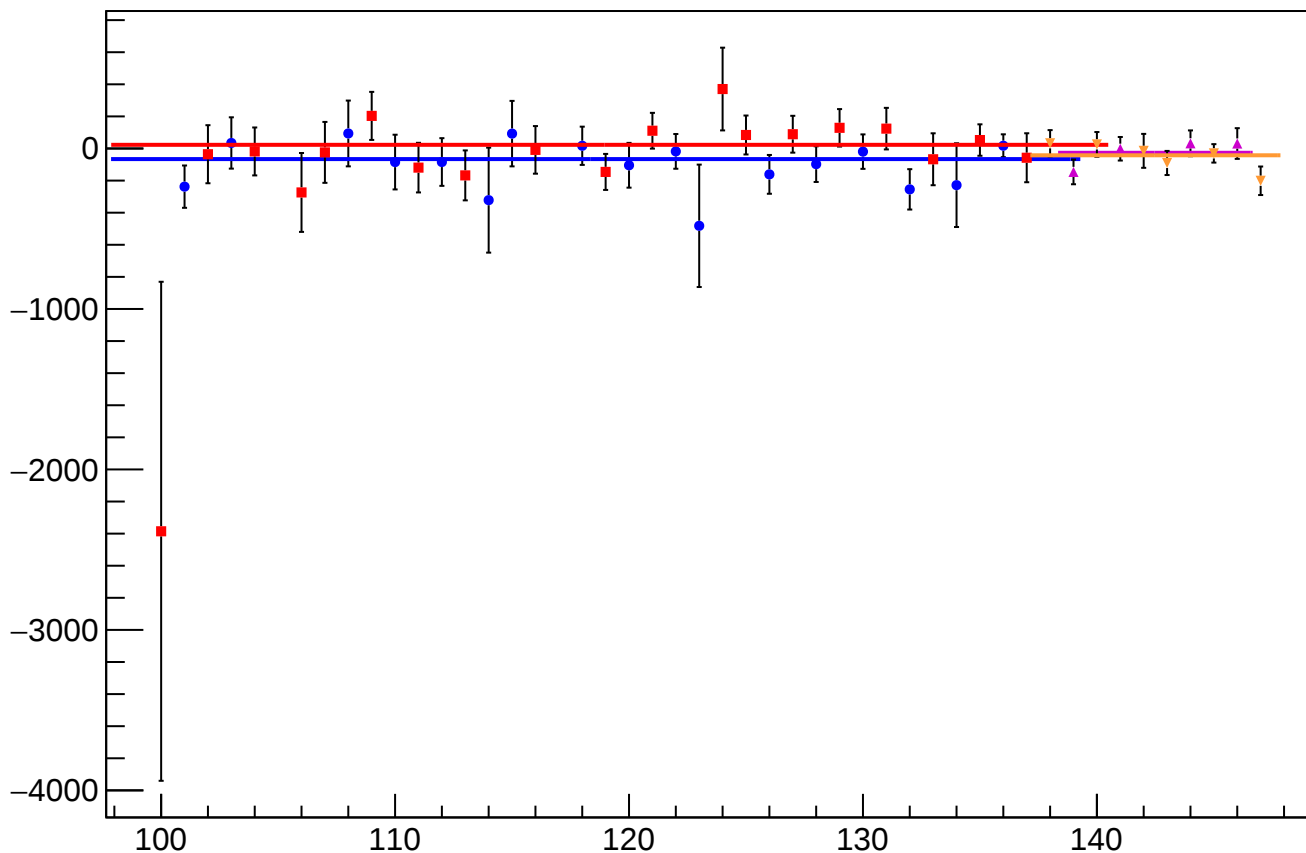
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

All: 345.921+/-0.090 χ^2/NDF : 193280.2/9

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -42.294 ± 31.418 $\chi^2/\text{NDF}: 5.3/5$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -26.778 ± 40.219 $\chi^2/\text{NDF}: 3.4/3$

Left: -36.414 ± 24.759 $\chi^2/\text{NDF}: 8.8/9$

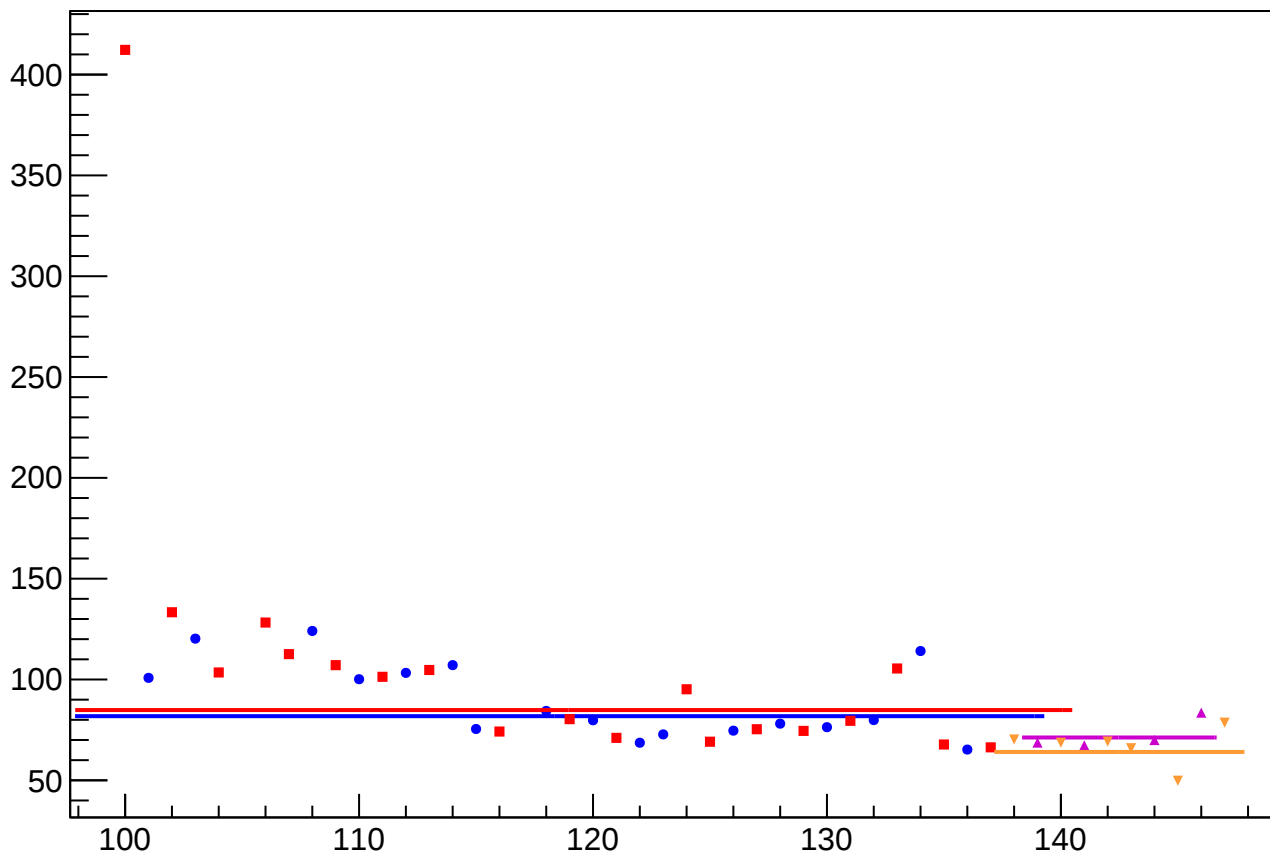
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -50.613 ± 25.179 $\chi^2/\text{NDF}: 14.8/20$

Out: -11.078 ± 22.683 $\chi^2/\text{NDF}: 22.7/24$

All: -28.789 ± 16.853 $\chi^2/\text{NDF}: 38.9/45$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 64.068 $\pm$ 0.022 χ^2 /NDF: 201202.2/5

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 71.237 $\pm$ 0.028 χ^2 /NDF: 41413.6/3

Left: 66.784 $\pm$ 0.018 χ^2 /NDF: 282078.6/9

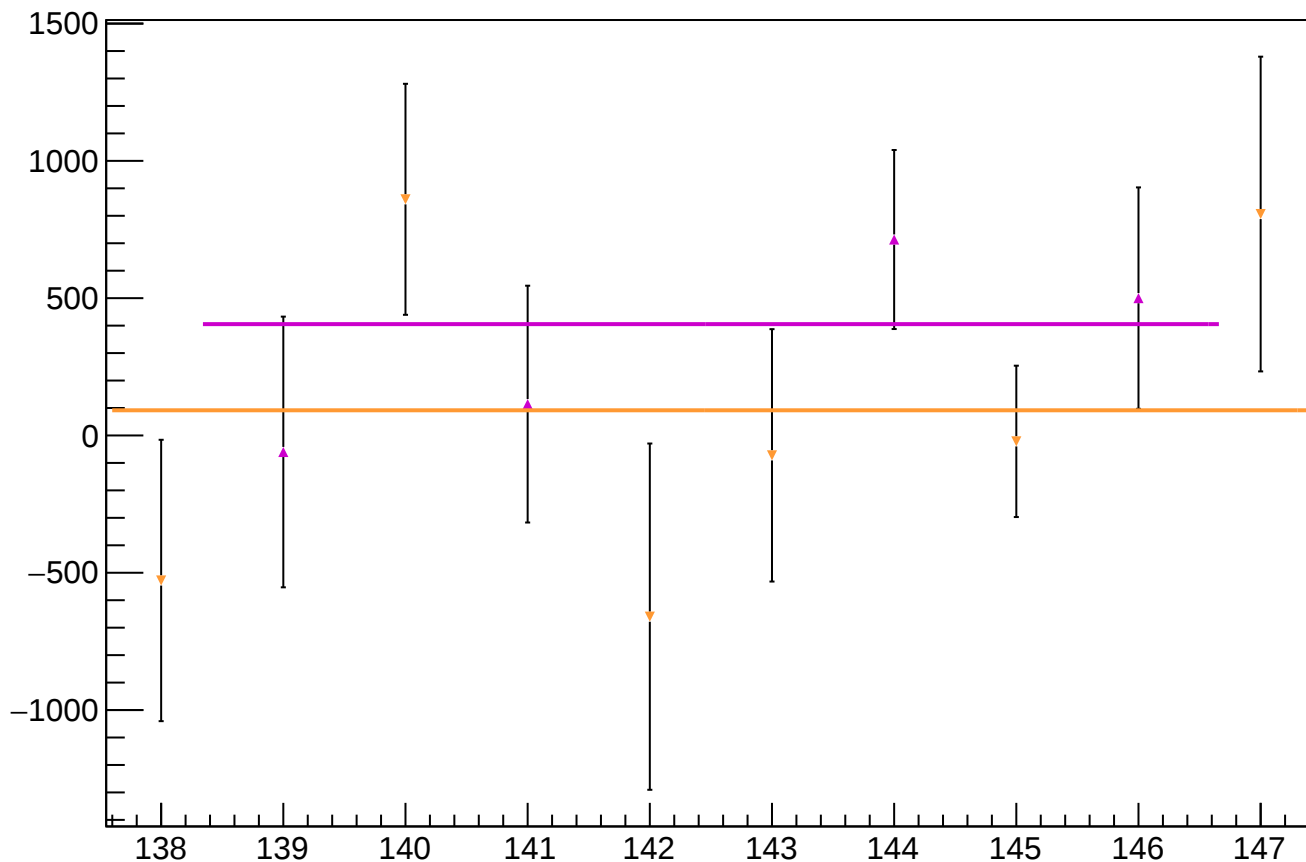
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 77.665 $\pm$ 0.018 χ^2 /NDF: 632638.4/20

Out: 74.011 $\pm$ 0.016 χ^2 /NDF: 1324269.0/24

All: 75.648 $\pm$ 0.012 χ^2 /NDF: 1980164.9/45

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: 91.661+/-174.283 χ^2/NDF : 8.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 405.439+/-199.778 χ^2/NDF : 2.3/3

Left: 227.262+/-131.332 χ^2/NDF : 11.8/9

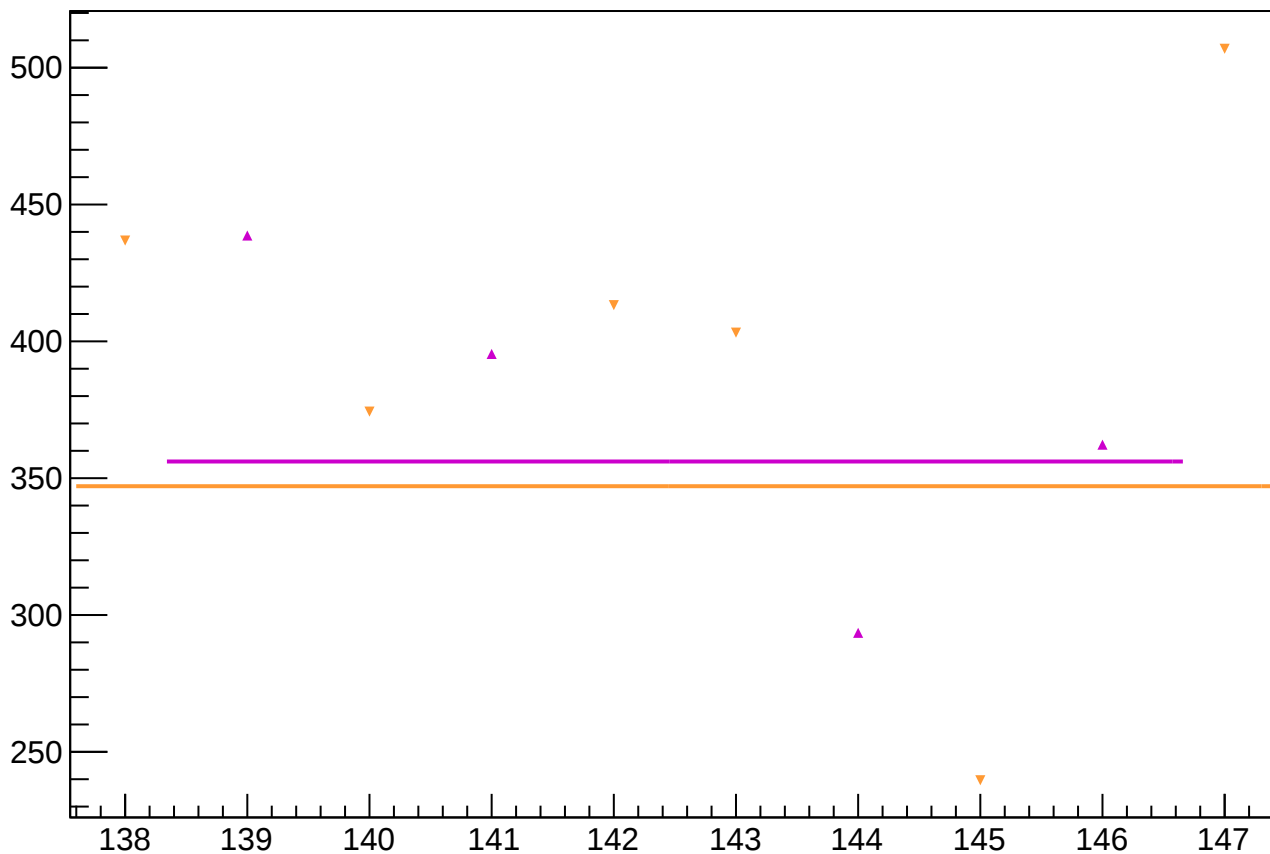
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 405.439+/-199.778 χ^2/NDF : 2.3/3

Out: 91.661+/-174.283 χ^2/NDF : 8.1/5

All: 227.262+/-131.332 χ^2/NDF : 11.8/9

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: 347.069+/-0.123 χ^2/NDF :581251.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.099+/-0.141 χ^2/NDF :146968.8/3

Left: 350.971+/-0.093 χ^2/NDF : 730540.5/9

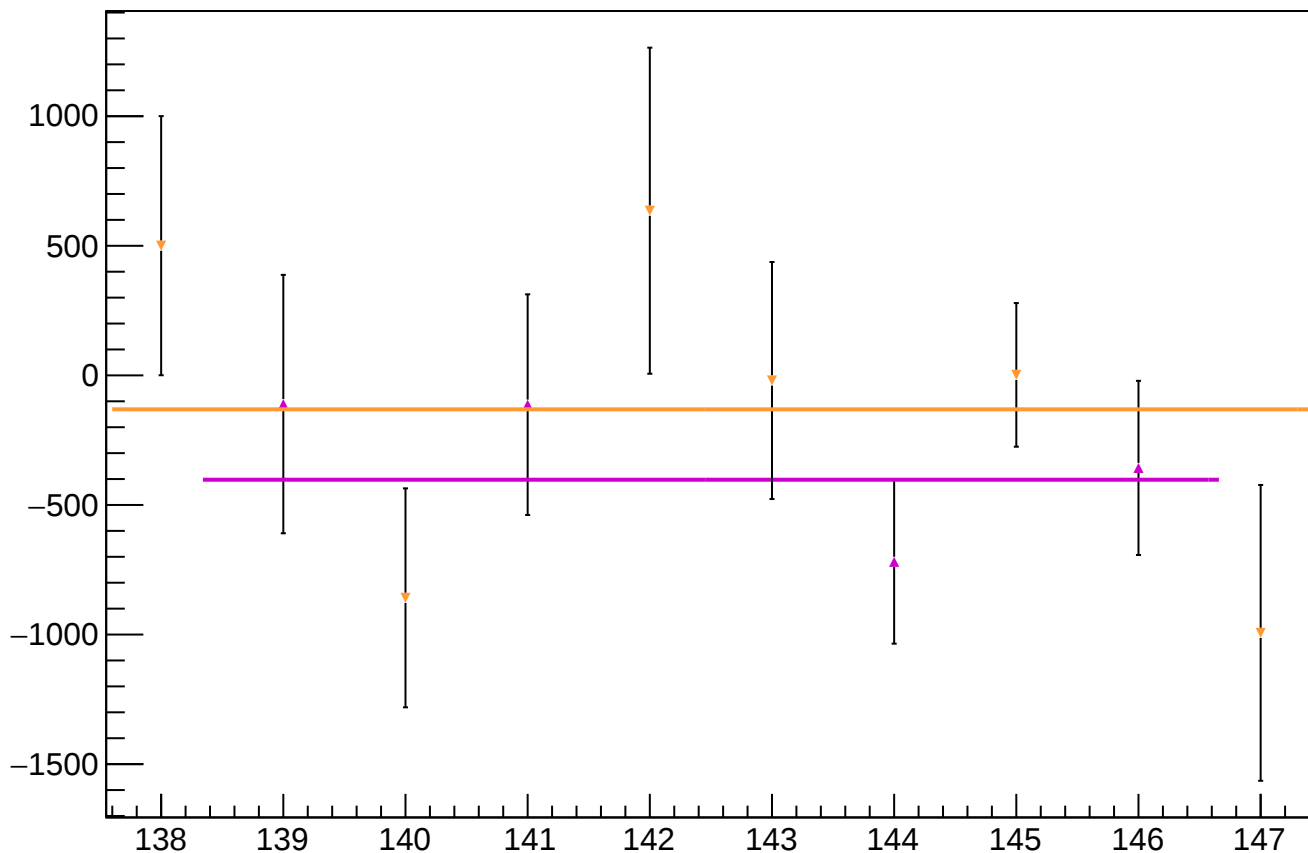
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.099+/-0.141 χ^2/NDF :146968.8/3

Out: 347.069+/-0.123 χ^2/NDF :581251.7/5

All: 350.971+/-0.093 χ^2/NDF : 730540.5/9

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -130.929 $\pm$ 174.064 χ^2 /NDF:8.6/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -402.567 $\pm$ 187.586 χ^2 /NDF:1.8/3

Left: -256.606 $\pm$ 127.595 χ^2 /NDF: 11.6/9

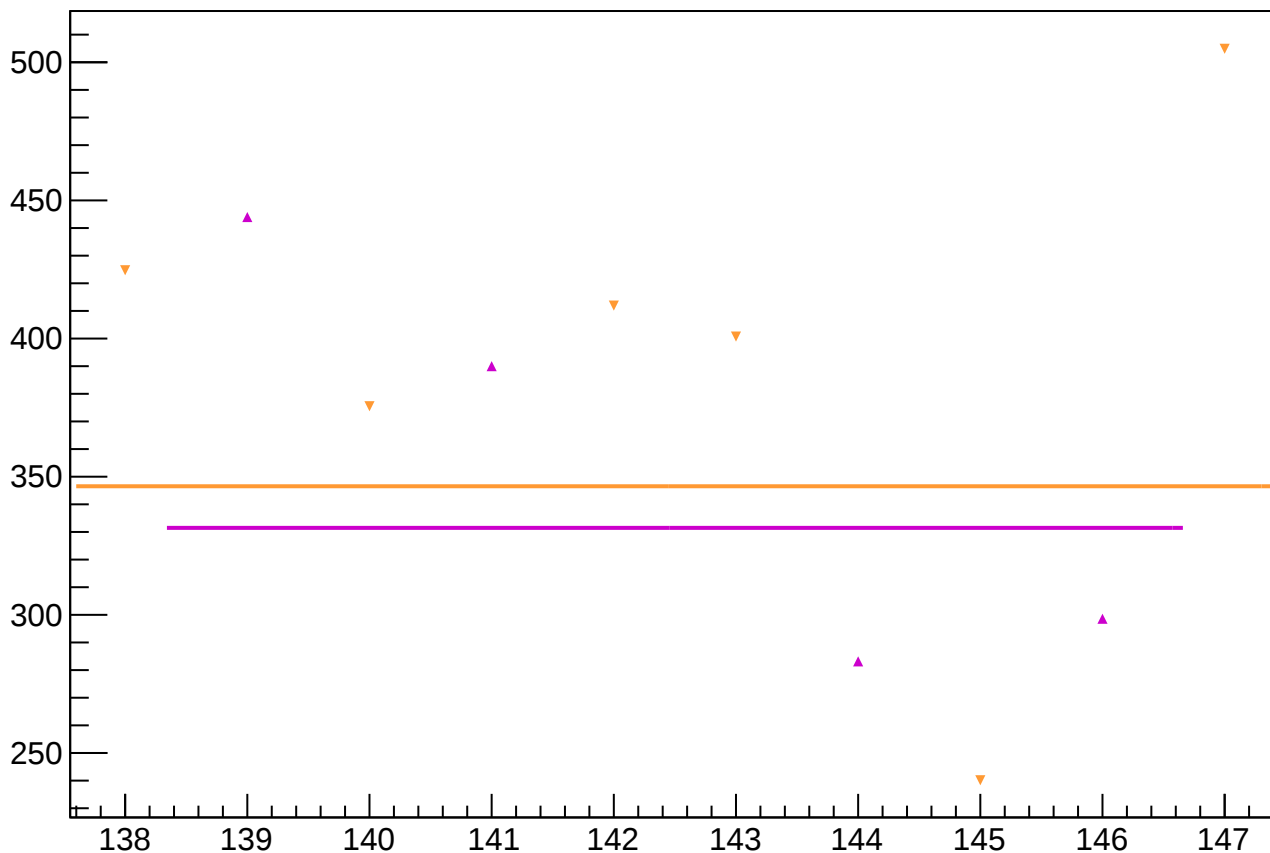
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -402.567 $\pm$ 187.586 χ^2 /NDF:1.8/3

Out: -130.929 $\pm$ 174.064 χ^2 /NDF:8.6/5

All: -256.606 $\pm$ 127.595 χ^2 /NDF: 11.6/9

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 331.480+/-0.133 χ^2/NDF :205601.6/3

Left: 339.571+/-0.090 χ^2/NDF : 769361.3/9

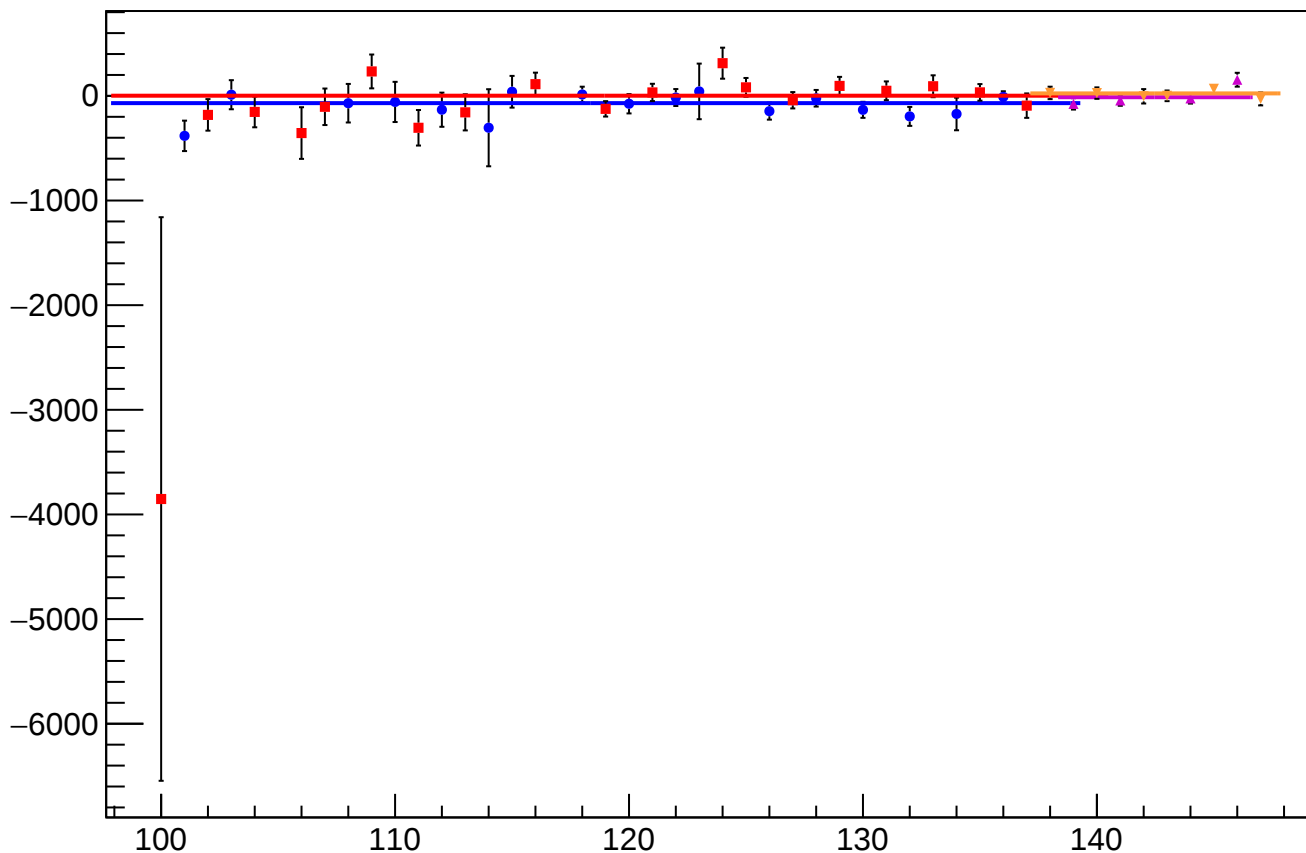
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.480+/-0.133 χ^2/NDF :205601.6/3

Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

All: 339.571+/-0.090 χ^2/NDF : 769361.3/9

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 23.742 ± 22.029 χ^2/NDF : 2.2/5

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -12.690 ± 27.093 χ^2/NDF : 8.2/3

Left: 9.242 ± 17.092 χ^2/NDF : 11.5/9

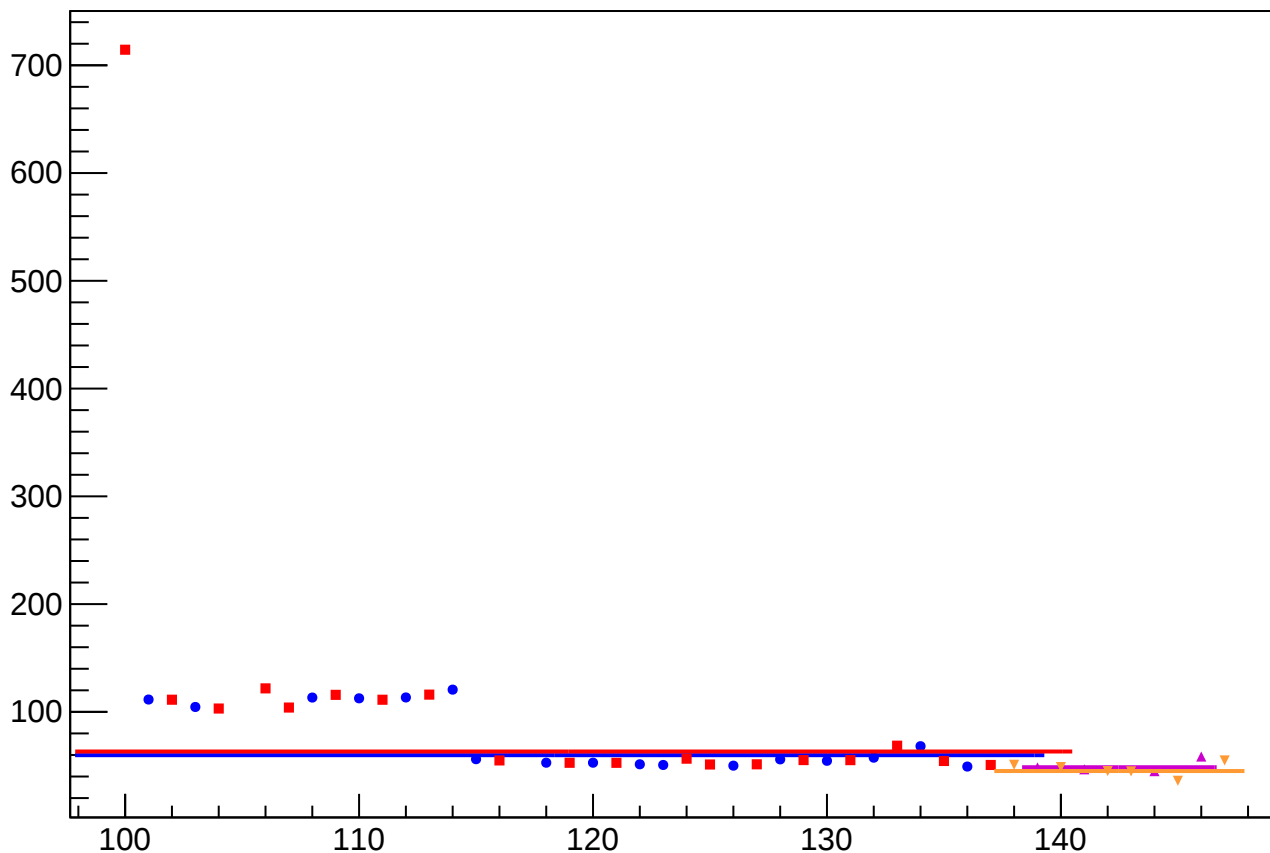
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -44.046 ± 18.073 χ^2/NDF : 24.1/20

Out: 14.207 ± 16.581 χ^2/NDF : 28.5/24

All: -12.416 ± 12.218 χ^2/NDF : 58.2/45

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: 45.099 $\pm$ 0.016 χ^2 /NDF: 174208.0/5

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 48.620 $\pm$ 0.019 χ^2 /NDF: 58671.7/3

Left: 46.500 $\pm$ 0.012 χ^2 /NDF: 253213.7/9

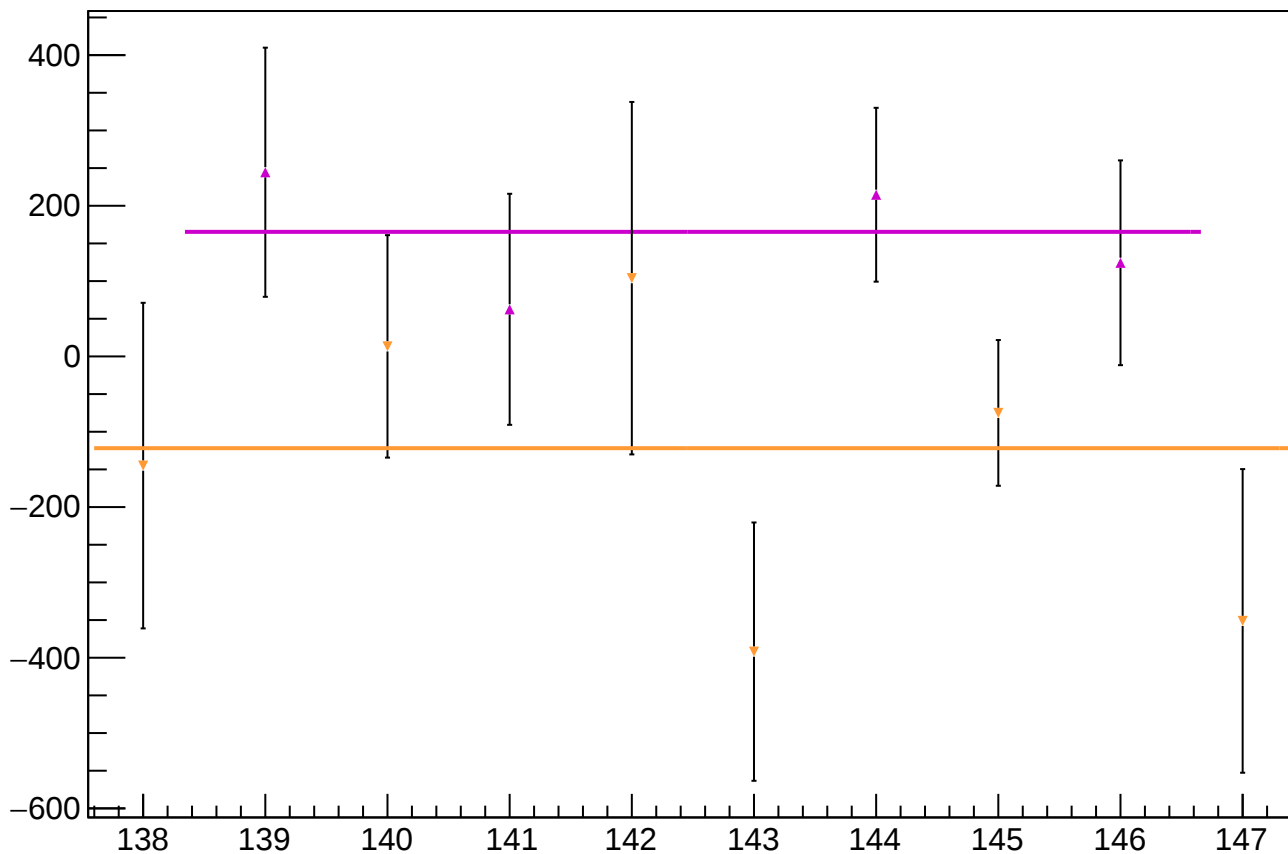
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 54.830 $\pm$ 0.013 χ^2 /NDF: 1477971.0/20

Out: 52.954 $\pm$ 0.012 χ^2 /NDF: 2265227.6/24

All: 53.811 $\pm$ 0.009 χ^2 /NDF: 3754887.8/45

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: -121.814+/-63.113 χ^2/NDF :5.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 165.366+/-69.284 χ^2/NDF :1.0/3

Left: 8.418+/-46.657 χ^2/NDF : 16.1/9

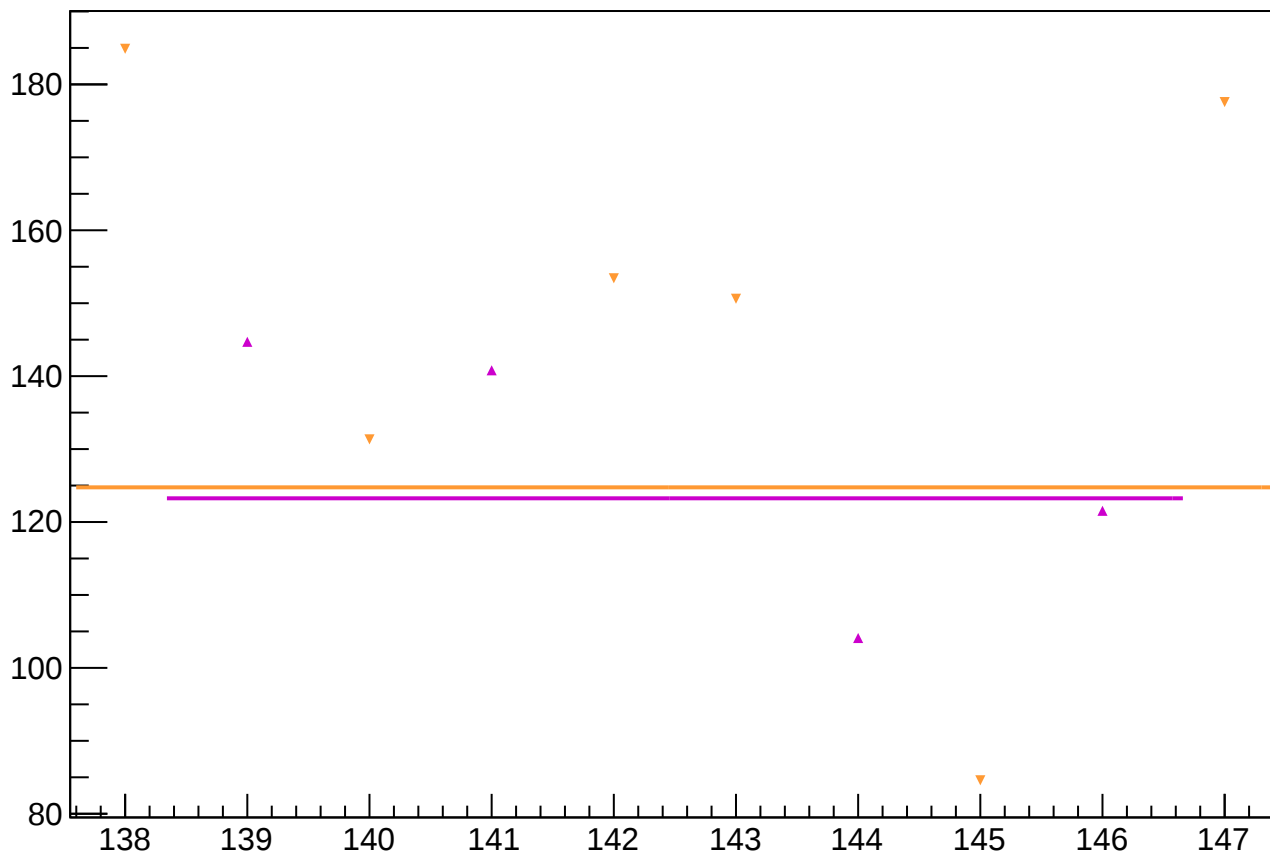
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 165.366+/-69.284 χ^2/NDF :1.0/3

Out: -121.814+/-63.113 χ^2/NDF :5.8/5

All: 8.418+/-46.657 χ^2/NDF : 16.1/9

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: 124.753+/-0.045 χ^2/NDF : 716491.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 123.251+/-0.049 χ^2/NDF : 115285.1/3

Left: 124.072+/-0.033 χ^2/NDF : 832290.2/9

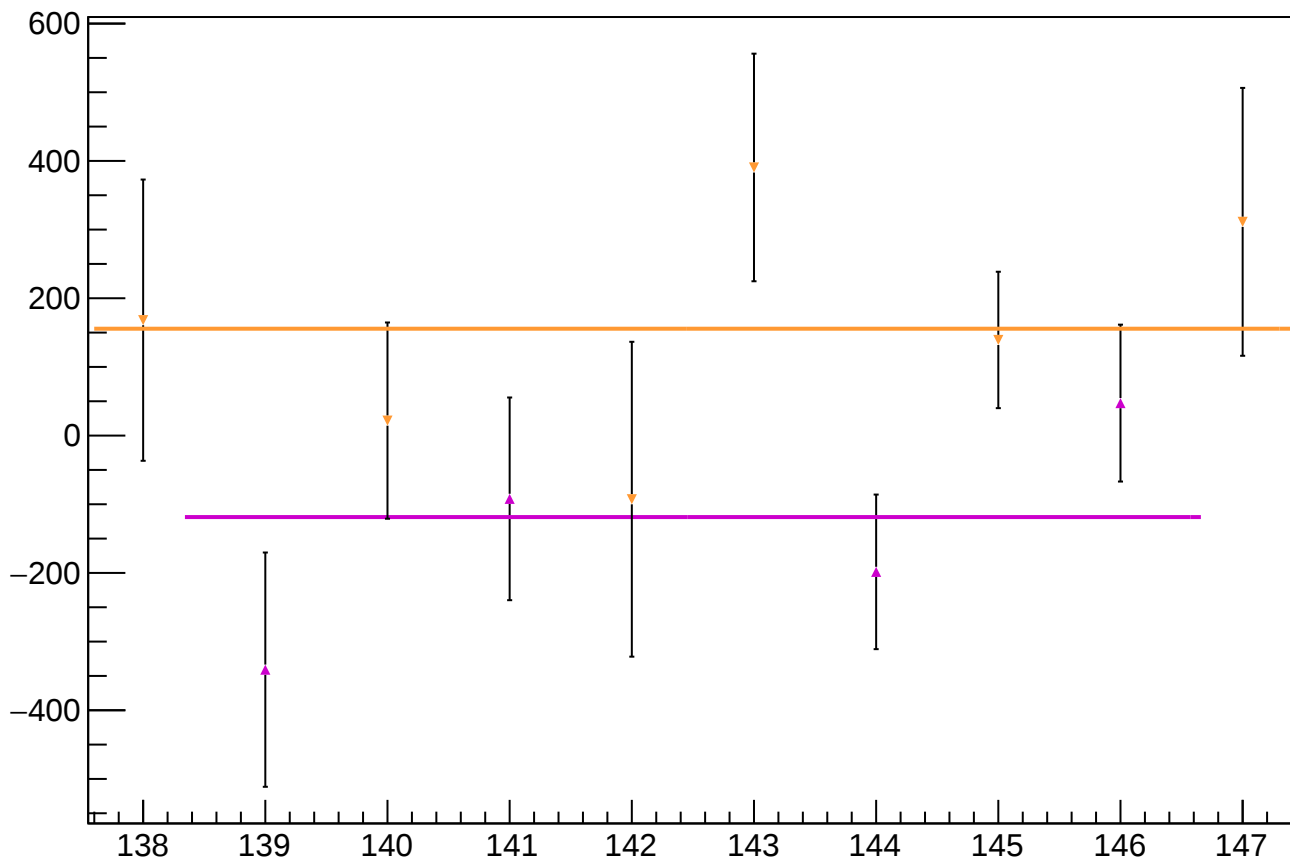
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.251+/-0.049 χ^2/NDF : 115285.1/3

Out: 124.753+/-0.045 χ^2/NDF : 716491.0/5

All: 124.072+/-0.033 χ^2/NDF : 832290.2/9

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 155.652+/-62.512 χ^2/NDF : 4.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -118.653+/-65.119 χ^2/NDF : 4.3/3

Left: 24.101+/-45.096 χ^2/NDF : 18.3/9

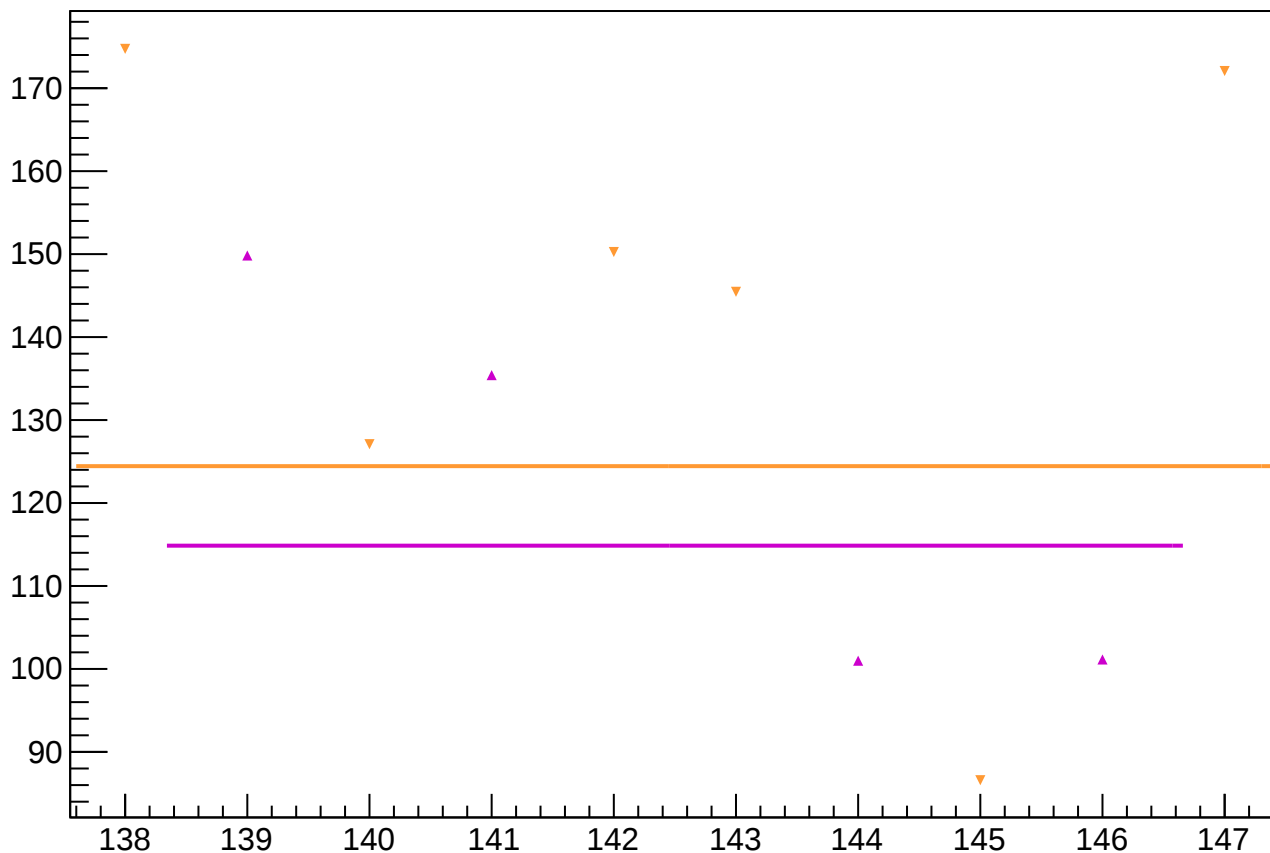
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -118.653+/-65.119 χ^2/NDF : 4.3/3

Out: 155.652+/-62.512 χ^2/NDF : 4.7/5

All: 24.101+/-45.096 χ^2/NDF : 18.3/9

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 124.443+/-0.044 χ^2/NDF : 588580.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Left: 119.847+/-0.032 χ^2/NDF : 793170.8/9

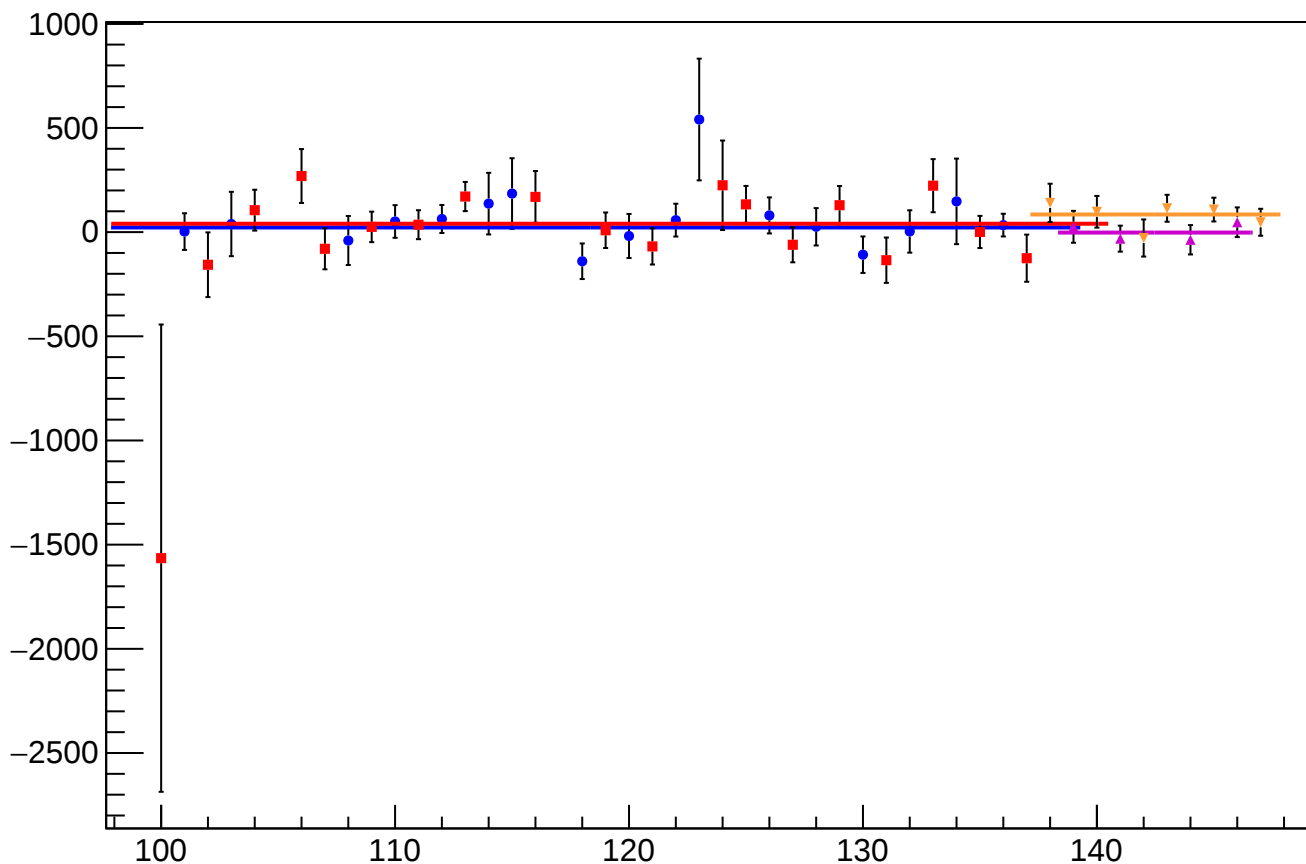
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Out: 124.443+/-0.044 χ^2/NDF : 588580.6/5

All: 119.847+/-0.032 χ^2/NDF : 793170.8/9

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: 84.688 $\pm$ 28.829 χ^2 /NDF: 2.7/5

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: -2.129 $\pm$ 34.805 χ^2 /NDF: 1.1/3

Left: 49.362 $\pm$ 22.202 χ^2 /NDF: 7.5/9

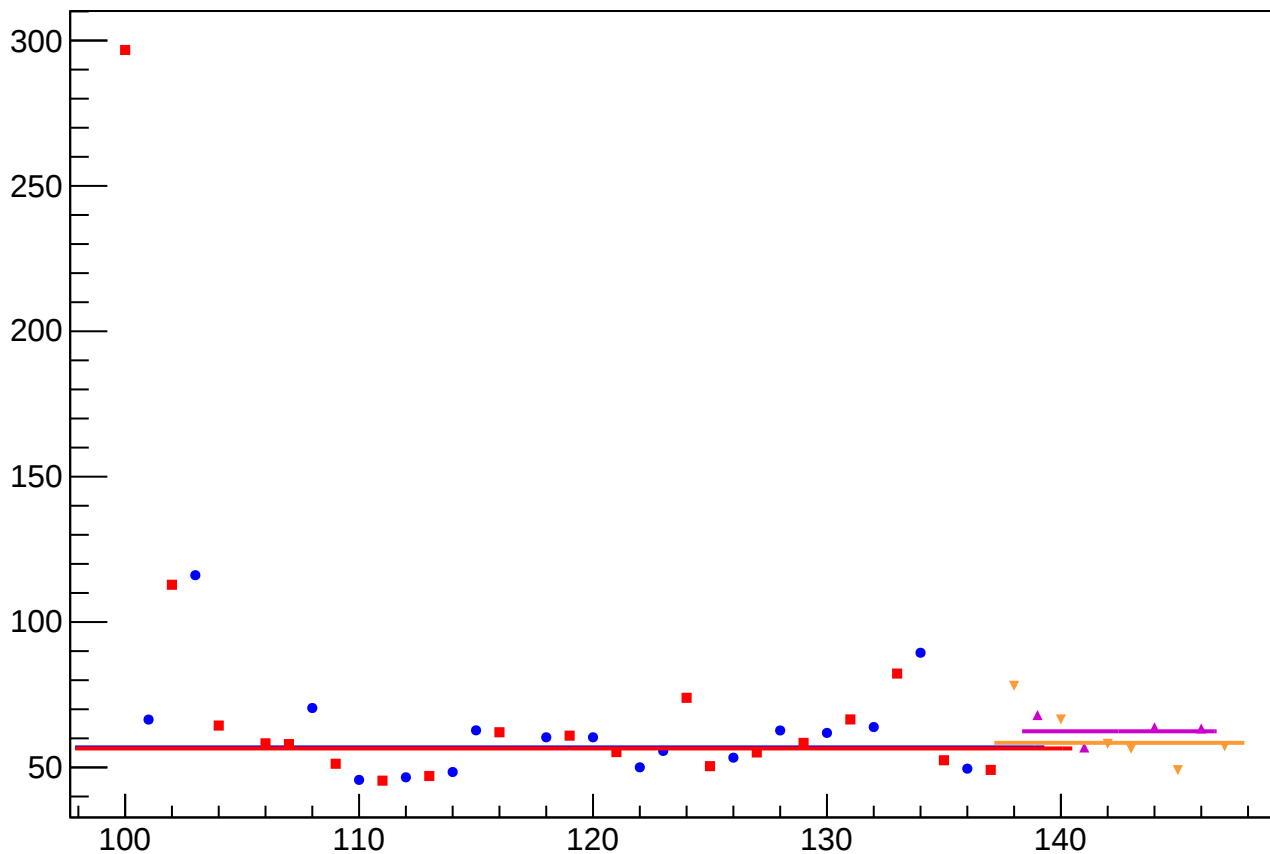
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 15.087 $\pm$ 18.969 χ^2 /NDF: 14.0/20

Out: 56.723 $\pm$ 17.555 χ^2 /NDF: 30.5/24

All: 37.515 $\pm$ 12.884 χ^2 /NDF: 47.1/45

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: 58.463 $\pm$ 0.020 χ^2 /NDF: 170297.6/5

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 62.423 $\pm$ 0.025 χ^2 /NDF: 27686.4/3

Left: 60.074 $\pm$ 0.016 χ^2 /NDF: 213343.9/9

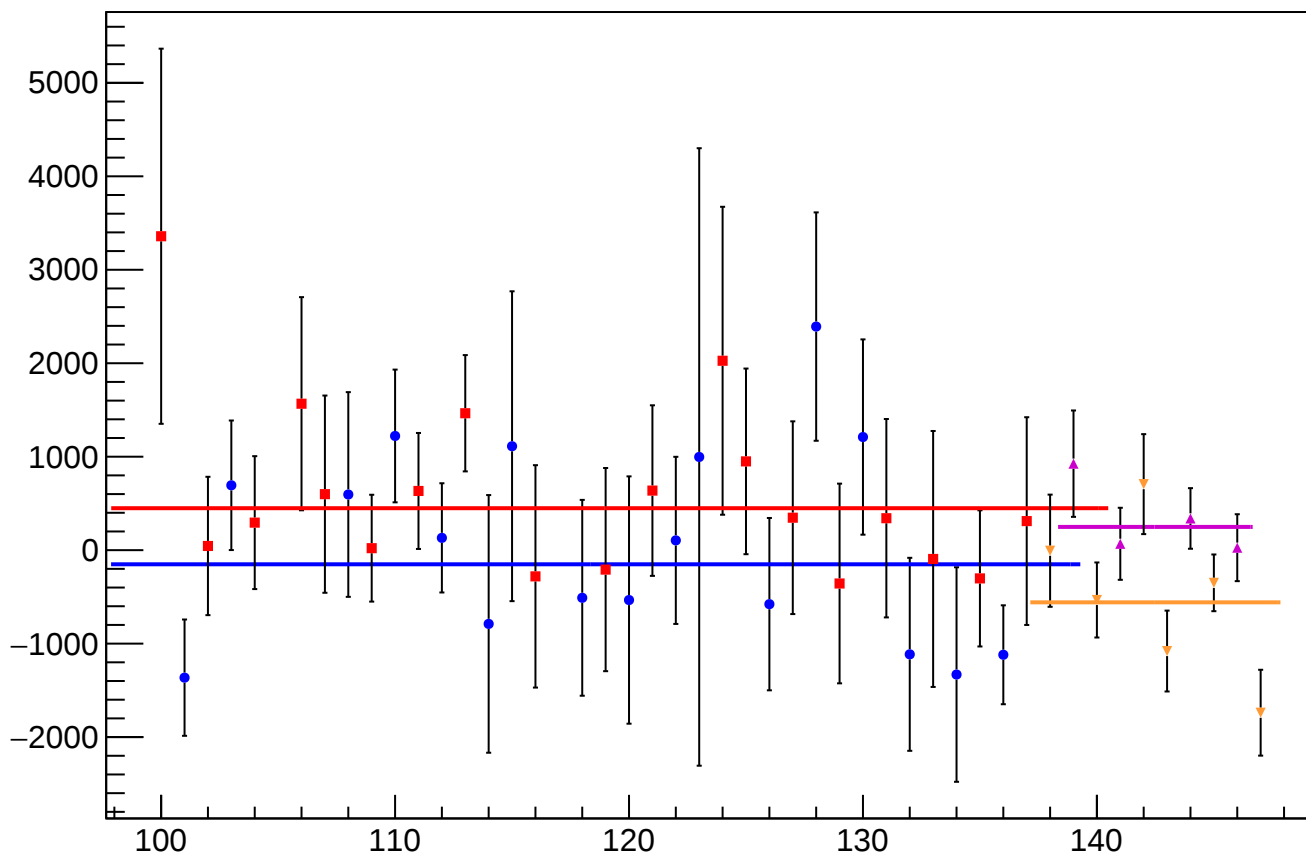
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 58.526 $\pm$ 0.013 χ^2 /NDF: 638850.5/20

Out: 57.245 $\pm$ 0.012 χ^2 /NDF: 788240.2/24

All: 57.836 $\pm$ 0.009 χ^2 /NDF: 1432000.0/45

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -558.356+/-172.967 χ^2/NDF : 15.0/5

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 248.747+/-191.957 χ^2/NDF : 2.1/3

Left: -196.692+/-128.497 χ^2/NDF : 26.8/9

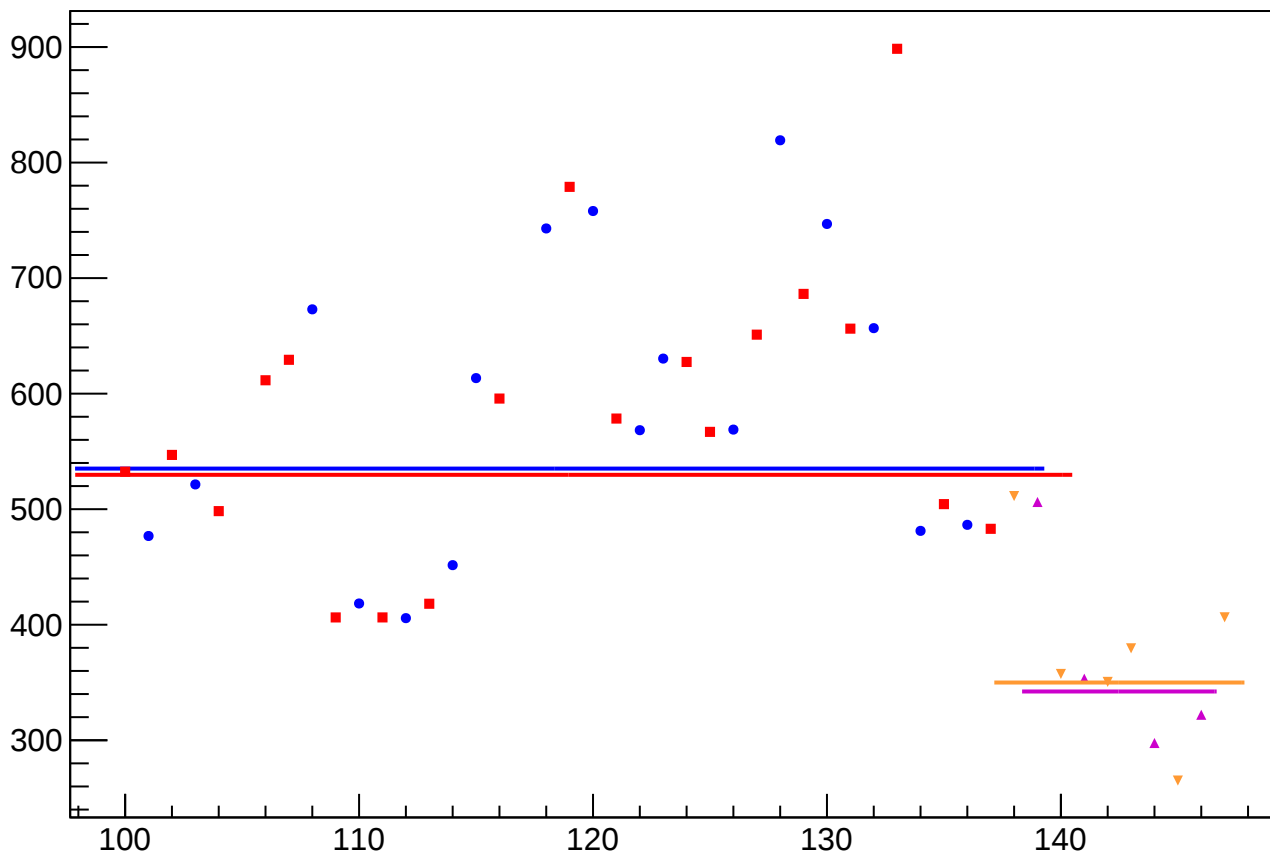
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 68.989+/-142.429 χ^2/NDF : 26.5/20

Out: -137.076+/-131.928 χ^2/NDF : 39.7/24

All: -41.919+/-96.787 χ^2/NDF : 67.3/45

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: 349.974 $\pm$ 0.122 χ^2 /NDF: 341331.5/5

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 342.214 $\pm$ 0.136 χ^2 /NDF: 211949.3/3

Left: 346.497 $\pm$ 0.091 χ^2 /NDF: 555085.0/9

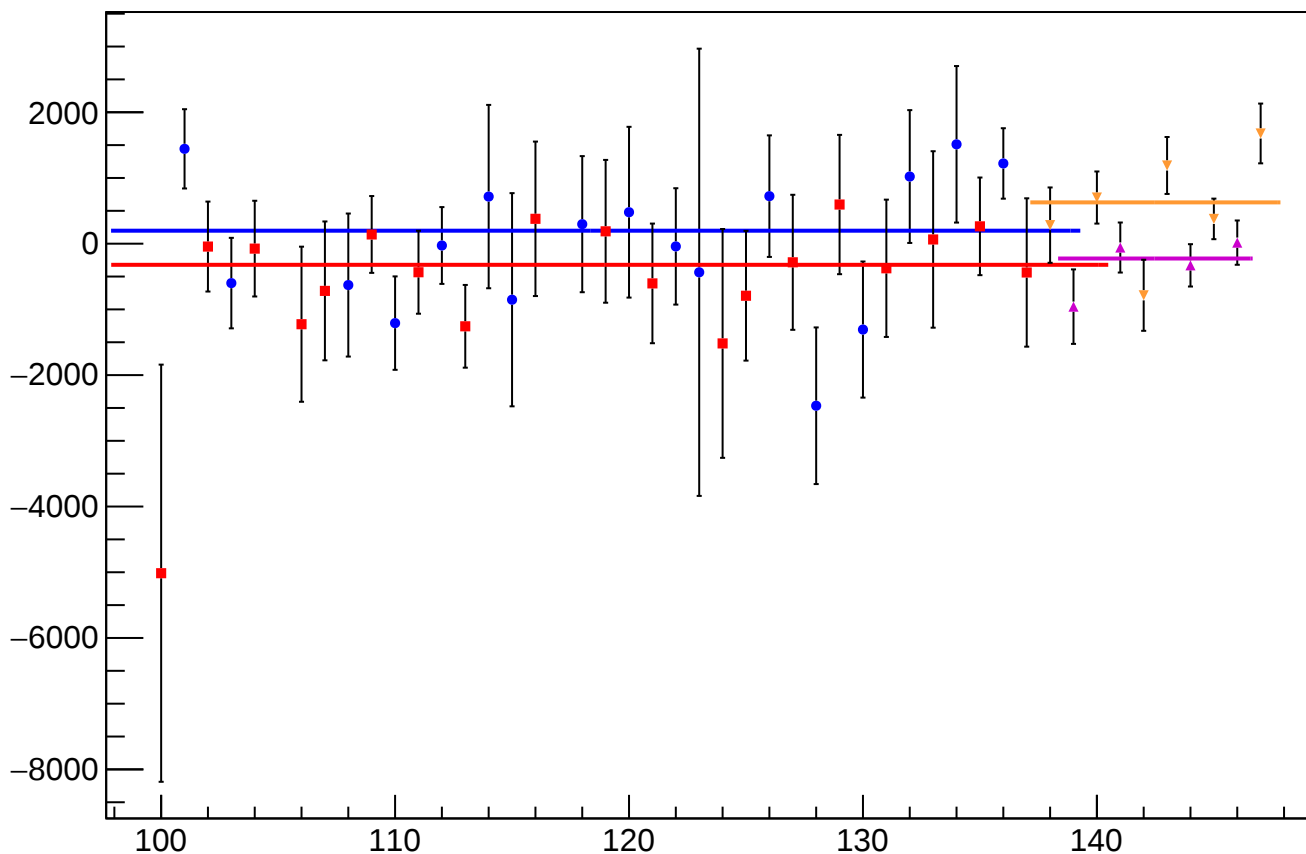
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 428.925 $\pm$ 0.101 χ^2 /NDF: 1716033.5/20

Out: 425.162 $\pm$ 0.093 χ^2 /NDF: 1891660.5/24

All: 426.900 $\pm$ 0.068 χ^2 /NDF: 3608445.6/45

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 628.367 $\pm$ 172.805 χ^2 /NDF:14.9/5

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -225.731 $\pm$ 187.480 χ^2 /NDF:2.5/3

Left: 236.048 $\pm$ 127.063 χ^2 /NDF: 28.6/9

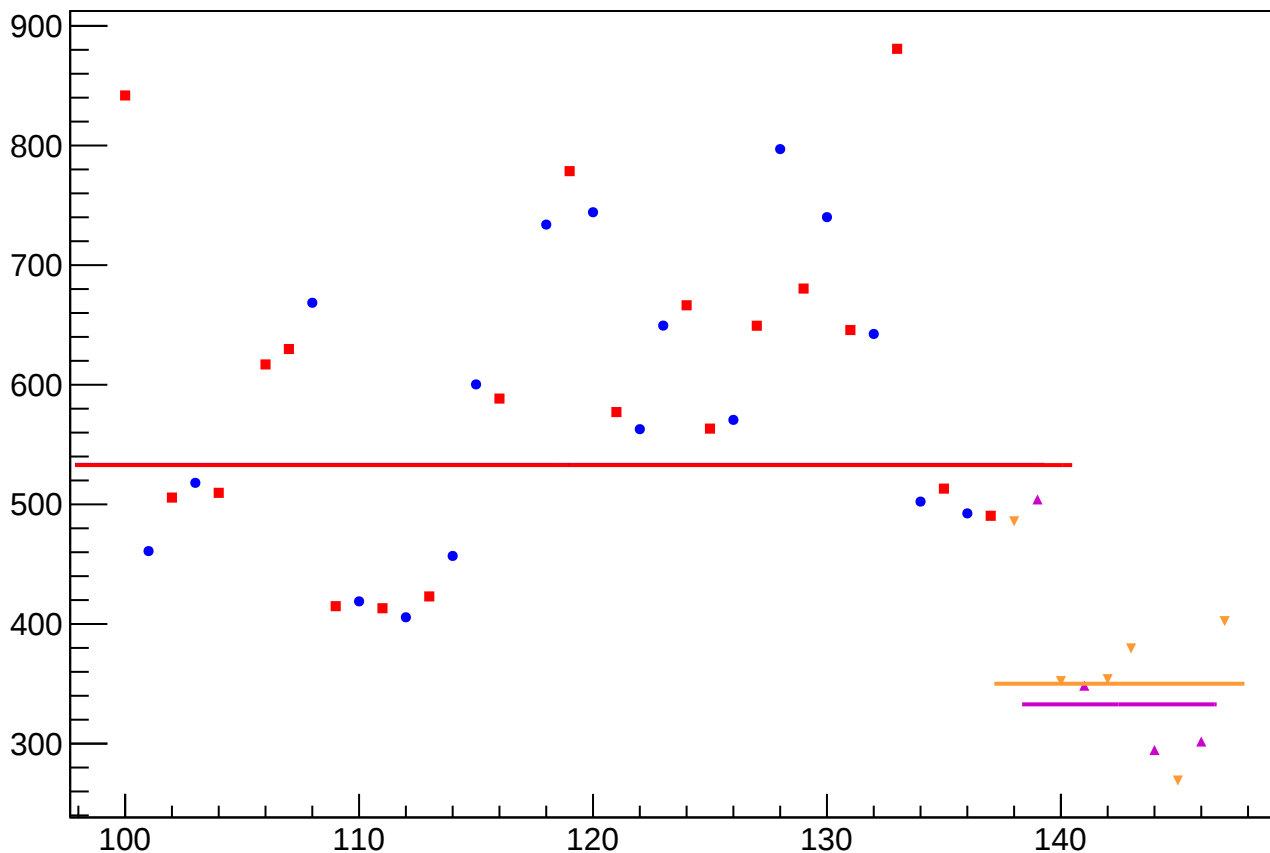
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -39.457 $\pm$ 140.289 χ^2 /NDF:28.6/20

Out: 234.372 $\pm$ 132.197 χ^2 /NDF:36.3/24

All: 105.582 $\pm$ 96.211 χ^2 /NDF: 67.0/45

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 350.085+/-0.122 χ^2/NDF : 285684.2/5

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 332.827+/-0.133 χ^2/NDF : 231188.7/3

Left: 342.158+/-0.090 χ^2/NDF : 526035.7/9

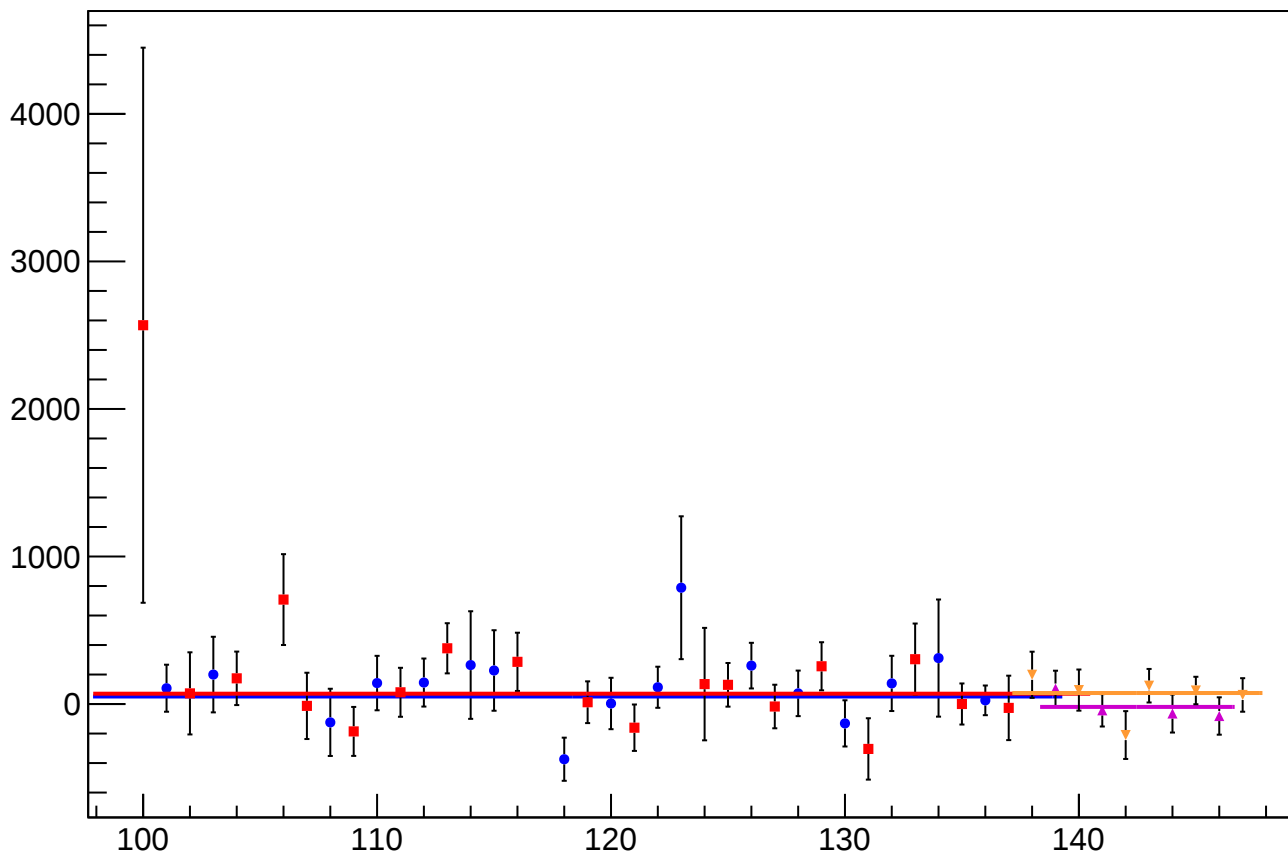
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 420.929+/-0.099 χ^2/NDF : 1801684.3/20

Out: 425.892+/-0.093 χ^2/NDF : 1830606.2/24

All: 423.558+/-0.068 χ^2/NDF : 3633616.1/45

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 74.761+/-49.951 χ^2/NDF : 4.0/5

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: -19.487+/-60.506 χ^2/NDF : 1.4/3

Left: 36.561+/-38.520 χ^2/NDF : 6.9/9

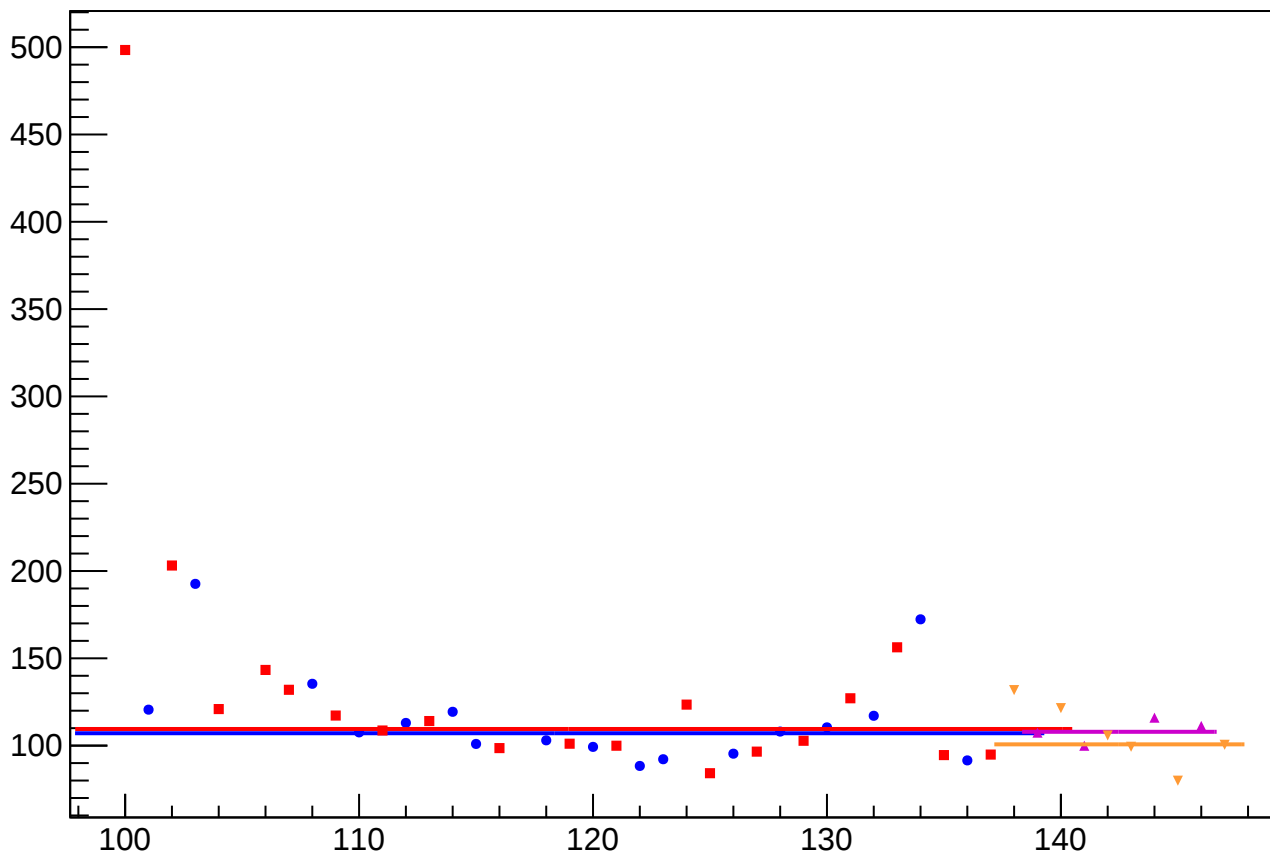
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 27.885+/-34.732 χ^2/NDF : 19.7/20

Out: 72.056+/-32.498 χ^2/NDF : 26.1/24

All: 51.437+/-23.730 χ^2/NDF : 46.7/45

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 100.728+/-0.035 χ^2/NDF : 225533.7/5

Right Out: 109.530+/-0.030 χ^2/NDF : 591522.9/18

Left In: 107.915+/-0.043 χ^2/NDF : 19875.5/3

Left: 103.641+/-0.027 χ^2/NDF : 262191.8/9

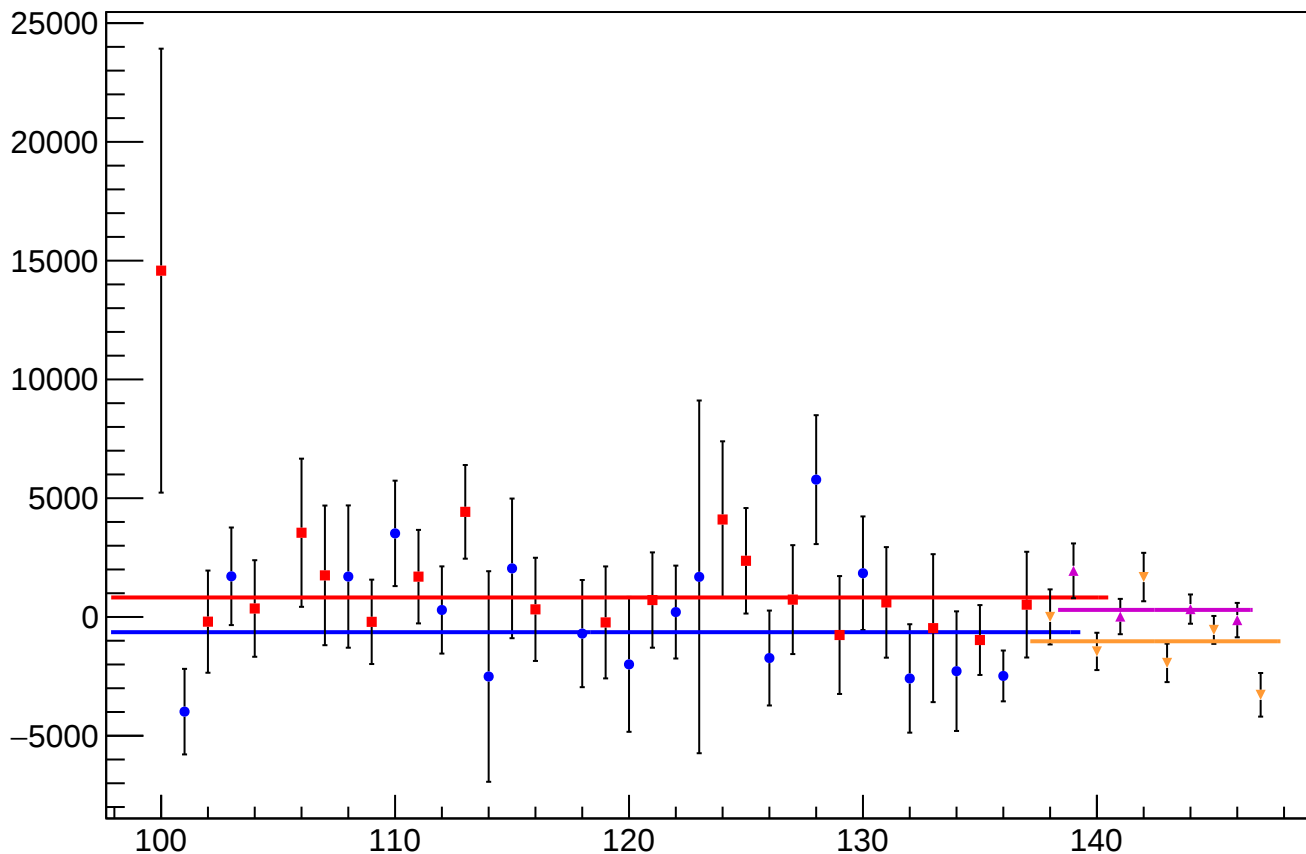
Right: 108.301+/-0.021 χ^2/NDF : 1032549.7/35

In: 107.364+/-0.025 χ^2/NDF : 457878.1/20

Out: 105.805+/-0.023 χ^2/NDF : 852877.0/24

All: 106.533+/-0.017 χ^2/NDF : 1312905.8/45

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1022.909+/-334.399 χ^2/NDF :16.1/5

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 298.065+/-375.133 χ^2/NDF :2.5/3

Left: -438.010+/-249.620 χ^2/NDF : 25.5/9

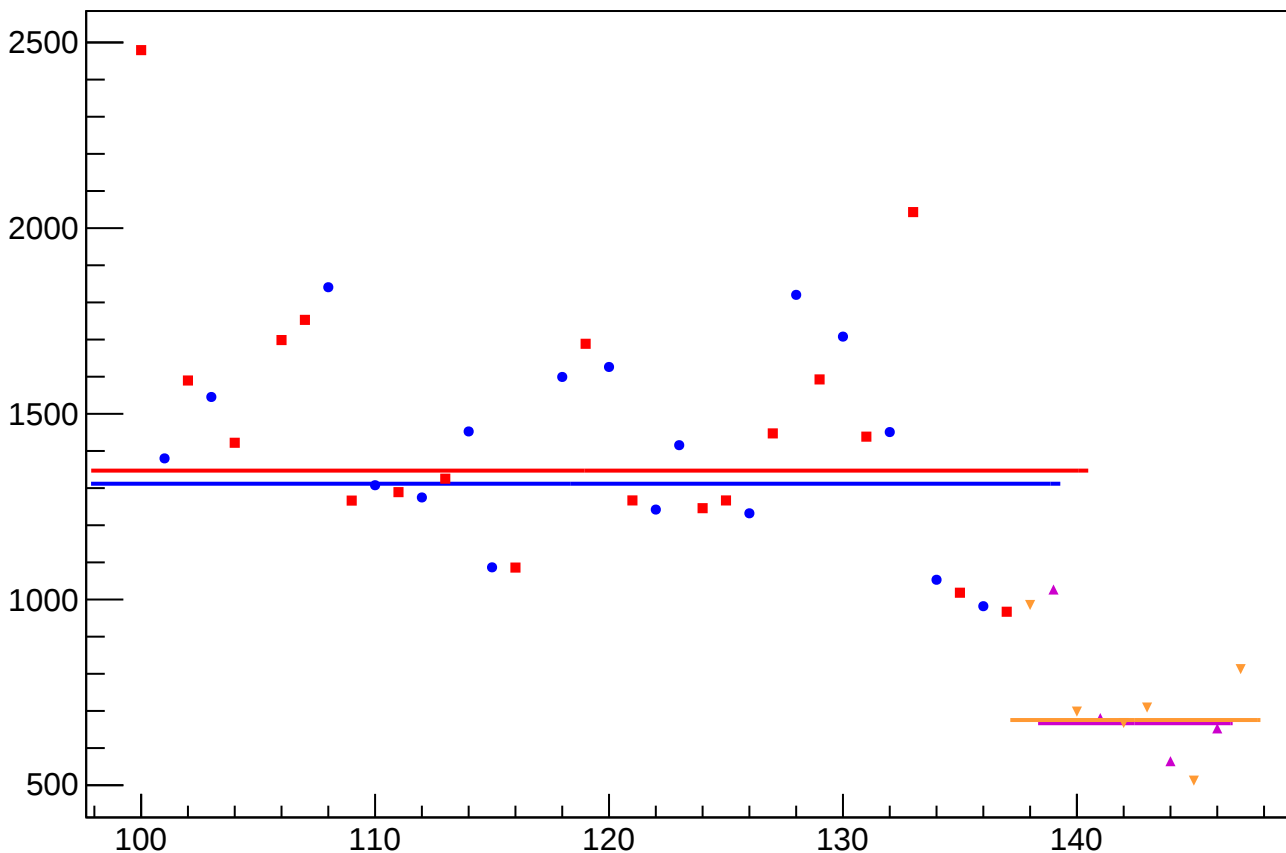
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -23.587+/-304.079 χ^2/NDF :26.4/20

Out: -476.903+/-280.569 χ^2/NDF :36.1/24

All: -268.445+/-206.203 χ^2/NDF : 63.7/45

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 675.509+/-0.236 χ^2/NDF : 347171.2/5

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 666.912+/-0.265 χ^2/NDF : 251550.7/3

Left: 671.702+/-0.177 χ^2/NDF : 599307.1/9

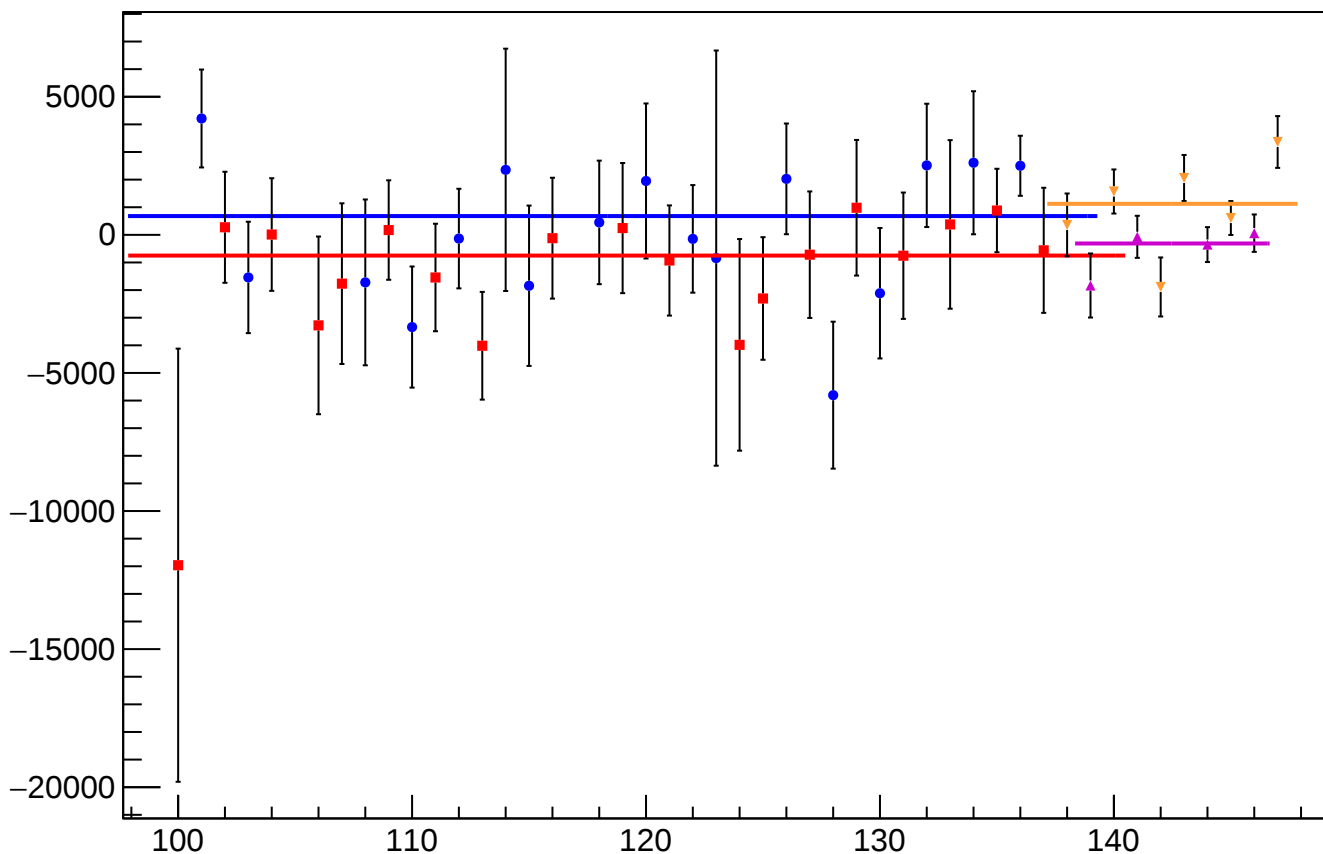
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 888.071+/-0.215 χ^2/NDF : 2791179.3/20

Out: 874.330+/-0.198 χ^2/NDF : 3225882.4/24

All: 880.649+/-0.146 χ^2/NDF : 6019267.9/45

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1124.220 $\pm$ 343.871 χ^2 /NDF:16.4/5

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -312.409 $\pm$ 373.771 χ^2 /NDF:2.1/3

Left: 465.656 $\pm$ 253.065 χ^2 /NDF: 26.5/9

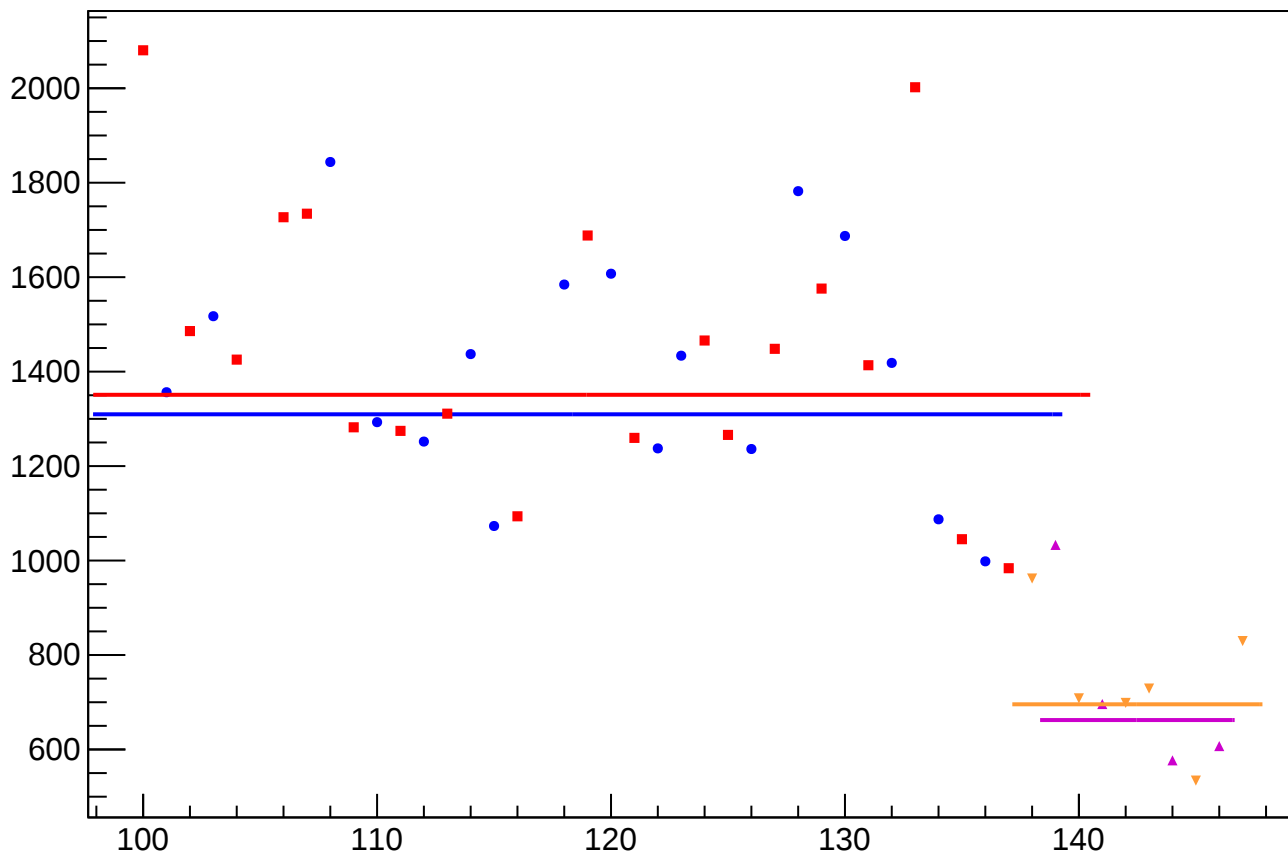
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 27.780 $\pm$ 303.004 χ^2 /NDF:27.1/20

Out: 548.227 $\pm$ 286.185 χ^2 /NDF:35.2/24

All: 302.848 $\pm$ 208.055 χ^2 /NDF: 63.8/45

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 695.638 $\pm$ 0.243 χ^2 /NDF: 293028.8/5

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 662.282 $\pm$ 0.264 χ^2 /NDF: 258133.9/3

Left: 680.347 $\pm$ 0.179 χ^2 /NDF: 559789.2/9

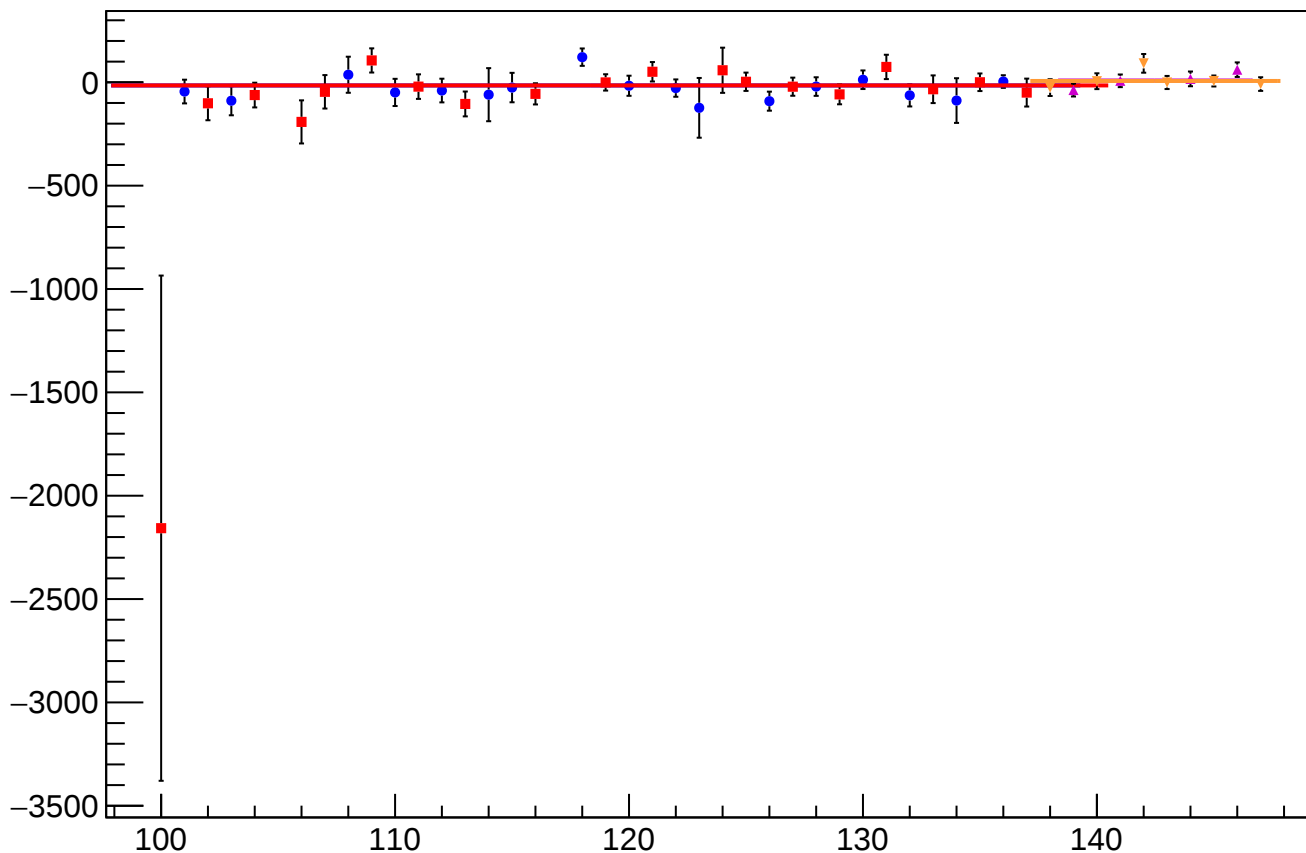
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 884.212 $\pm$ 0.214 χ^2 /NDF: 2774241.9/20

Out: 897.058 $\pm$ 0.202 χ^2 /NDF: 2948220.3/24

All: 891.002 $\pm$ 0.147 χ^2 /NDF: 5724362.1/45

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: 6.480 ± 13.989 χ^2/NDF : 4.4/5

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: 8.717 ± 16.487 χ^2/NDF : 4.4/3

Left: 7.416 ± 10.667 χ^2/NDF : 8.9/9

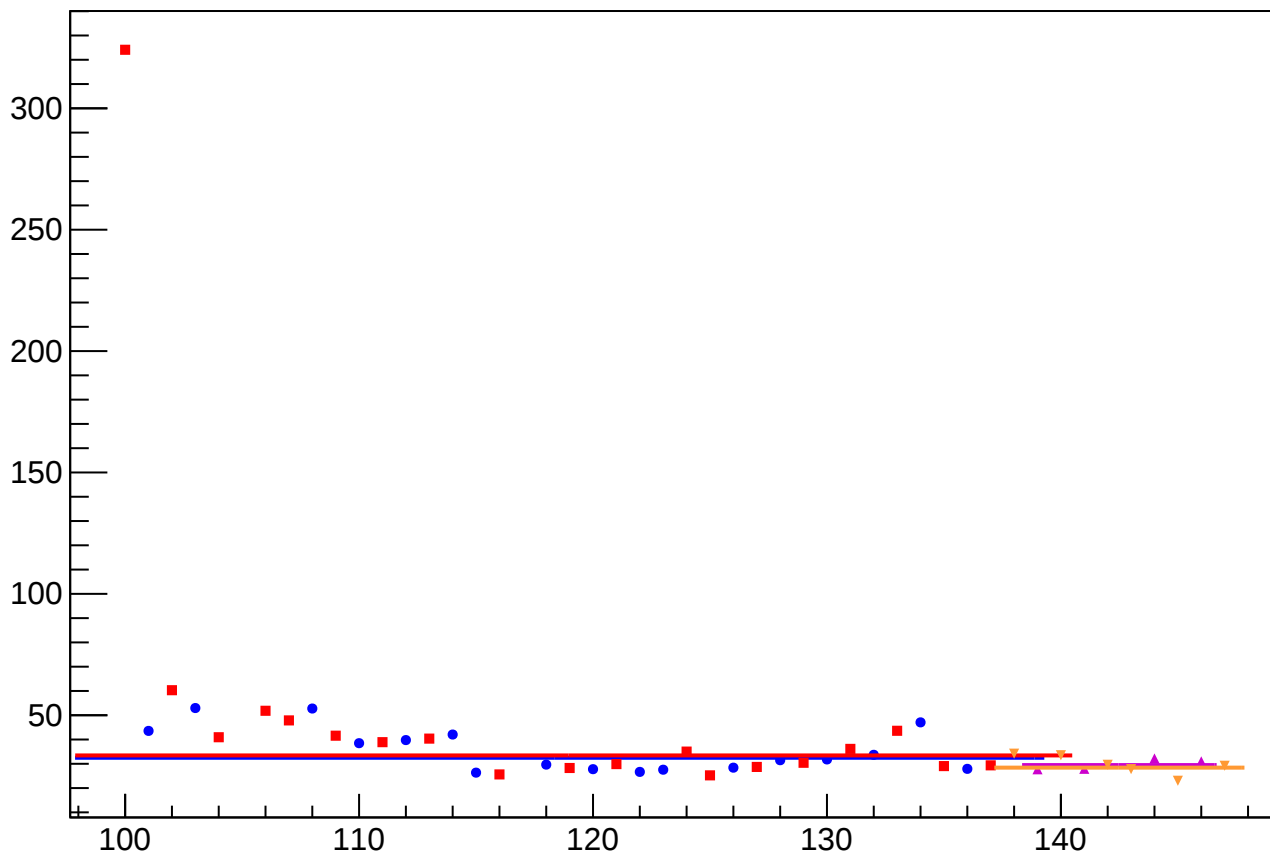
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -6.162 ± 10.163 χ^2/NDF : 24.0/20

Out: -5.012 ± 9.561 χ^2/NDF : 27.0/24

All: -5.552 ± 6.964 χ^2/NDF : 51.0/45

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.417 $\pm$ 0.010 χ^2 /NDF: 161927.2/5

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 29.468 $\pm$ 0.012 χ^2 /NDF: 26654.0/3

Left: 28.857 $\pm$ 0.008 χ^2 /NDF: 193305.7/9

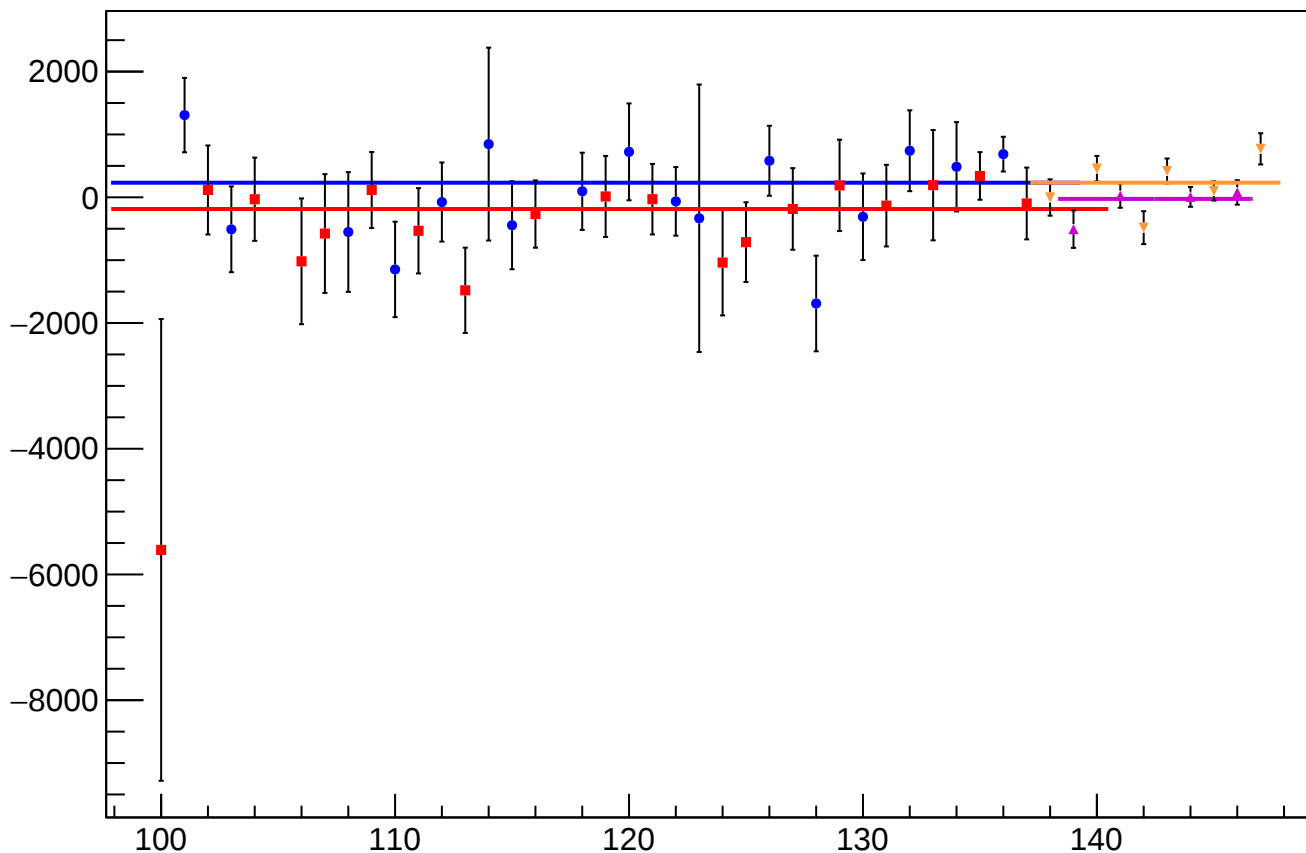
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.341 $\pm$ 0.007 χ^2 /NDF: 662771.5/20

Out: 31.096 $\pm$ 0.007 χ^2 /NDF: 1137925.5/24

All: 31.211 $\pm$ 0.005 χ^2 /NDF: 1801313.1/45

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 232.755 $\pm$ 86.085 χ^2 /NDF:15.7/5

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -25.305 $\pm$ 97.655 χ^2 /NDF:3.0/3

Left: 119.910 $\pm$ 64.576 χ^2 /NDF: 22.6/9

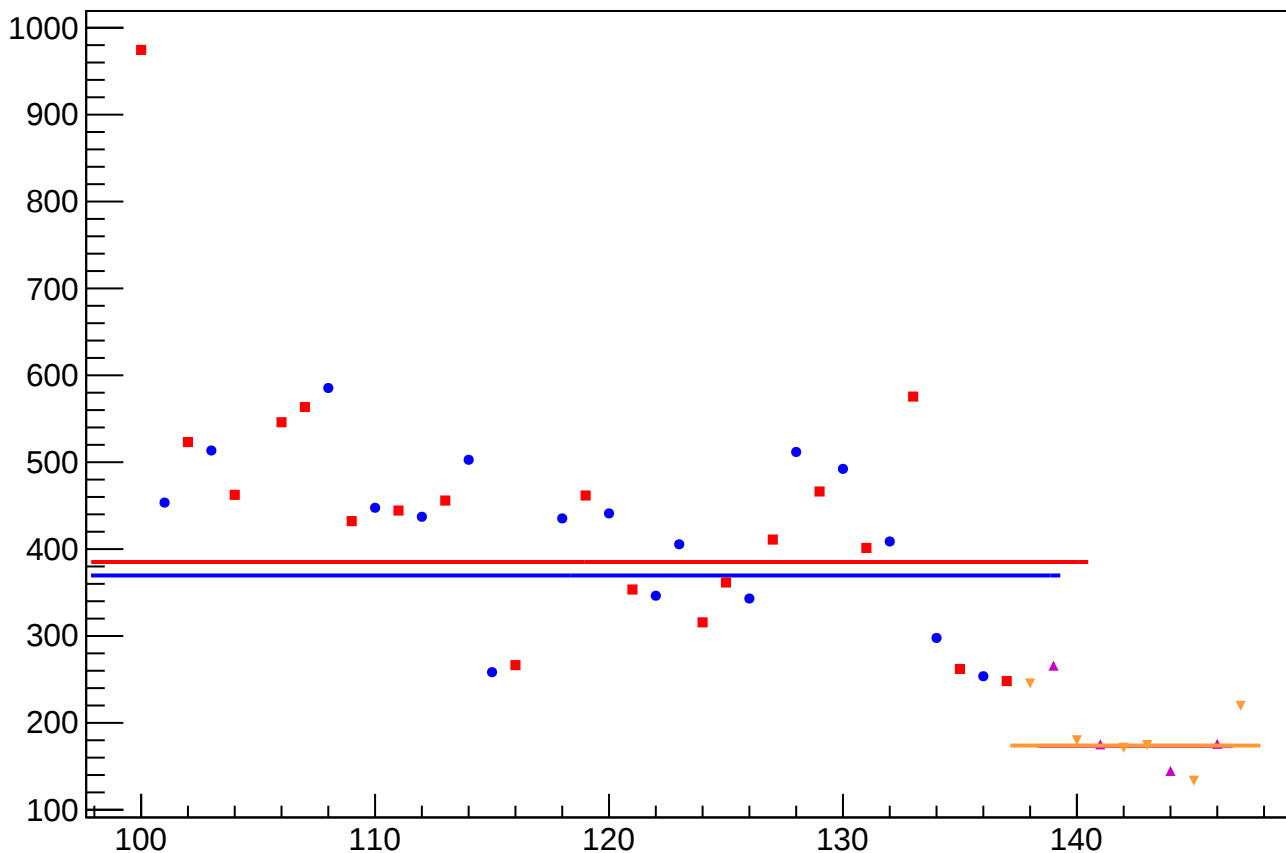
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 52.396 $\pm$ 81.611 χ^2 /NDF:26.6/20

Out: 128.828 $\pm$ 74.648 χ^2 /NDF:33.3/24

All: 94.011 $\pm$ 55.082 χ^2 /NDF: 60.3/45

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 173.891+/-0.061 χ^2/NDF : 331310.5/5

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 173.484+/-0.069 χ^2/NDF : 258634.1/3

Left: 173.713+/-0.046 χ^2/NDF : 589964.1/9

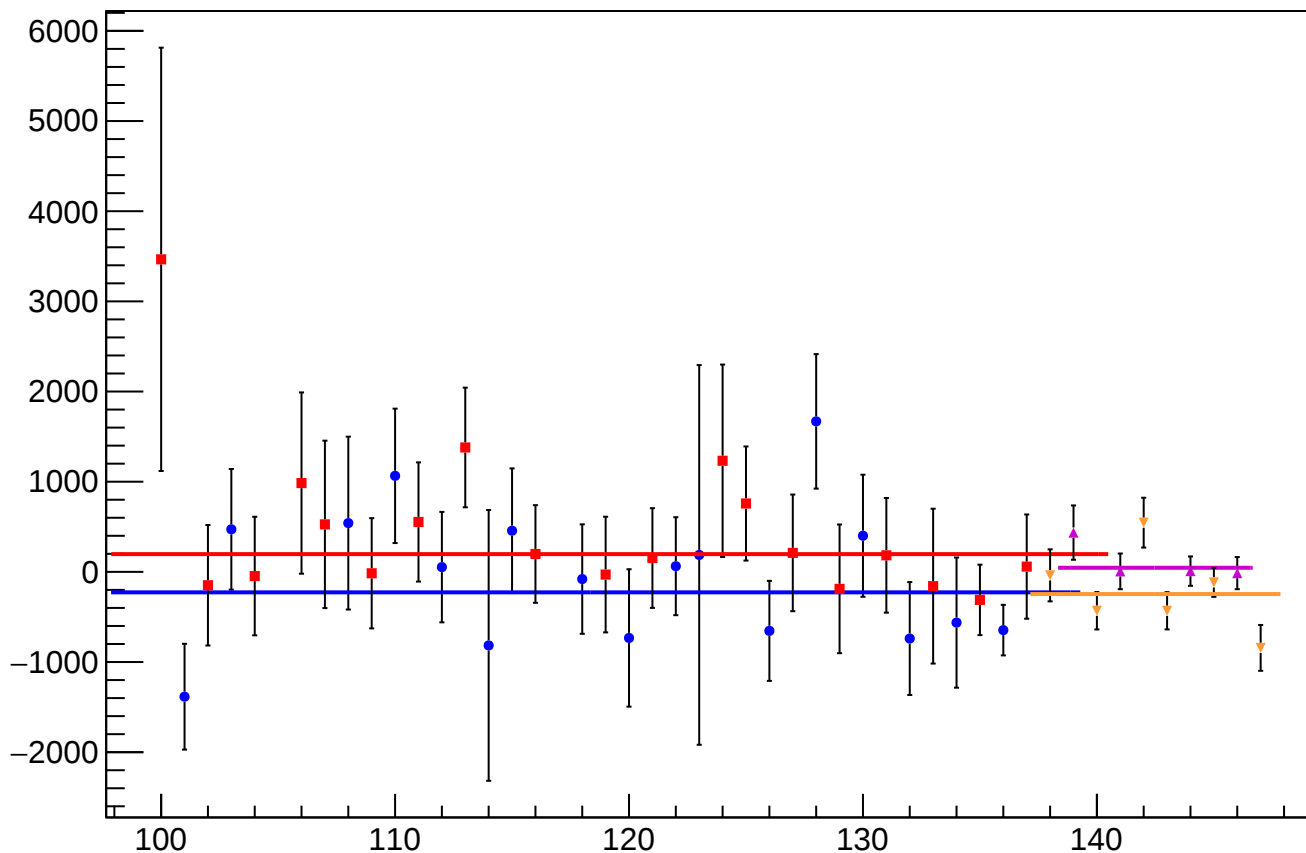
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 232.646+/-0.058 χ^2/NDF : 3595321.6/20

Out: 226.298+/-0.053 χ^2/NDF : 4245897.1/24

All: 229.190+/-0.039 χ^2/NDF : 7847807.5/45

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -246.056+/-89.036 χ^2/NDF :16.5/5

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: 45.491+/-97.235 χ^2/NDF :1.9/3

Left: -113.091+/-65.666 χ^2/NDF : 23.3/9

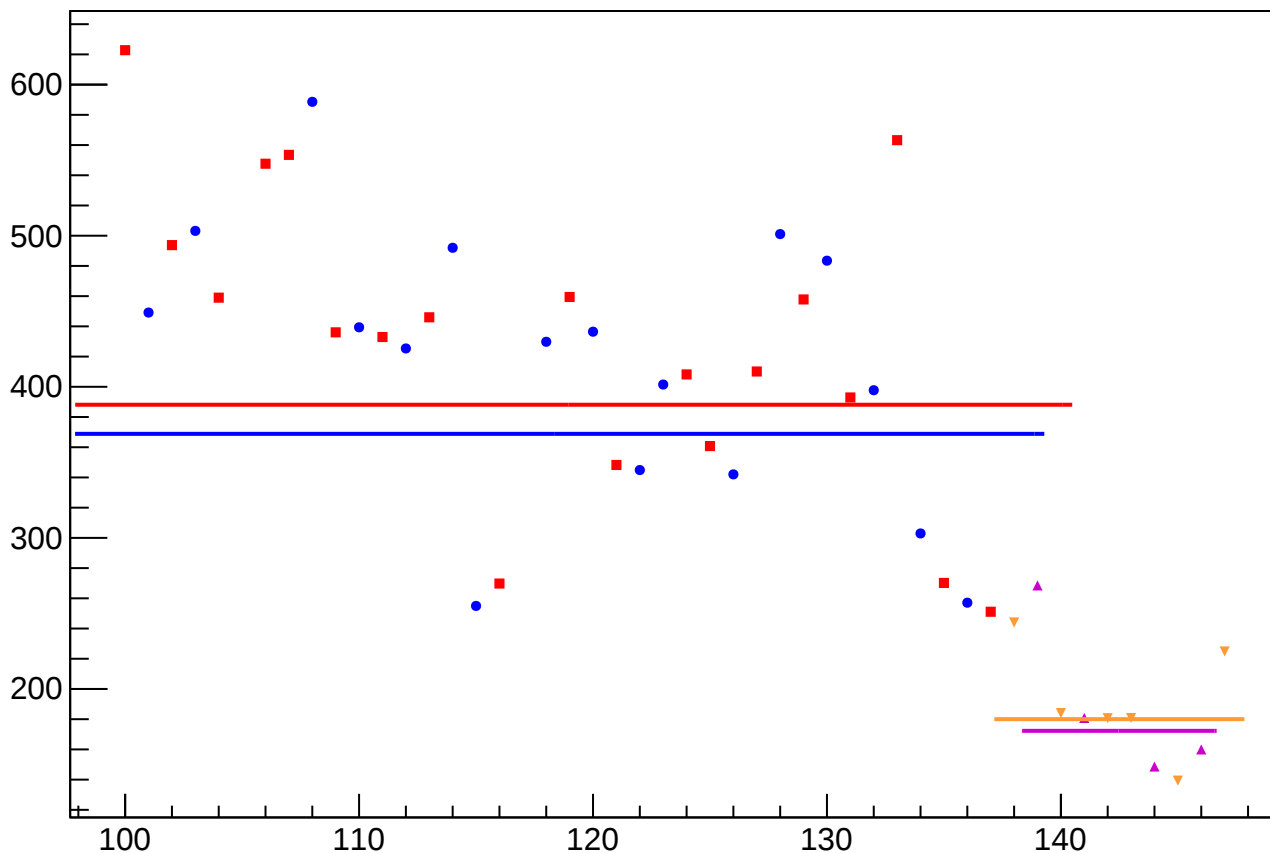
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -36.809+/-81.253 χ^2/NDF :26.1/20

Out: -130.891+/-76.587 χ^2/NDF :33.7/24

All: -86.629+/-55.732 χ^2/NDF : 60.5/45

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: 180.016 $\pm$ 0.063 χ^2 /NDF: 290129.5/5

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 172.294 $\pm$ 0.069 χ^2 /NDF: 259506.1/3

Left: 176.494 $\pm$ 0.046 χ^2 /NDF: 556496.5/9

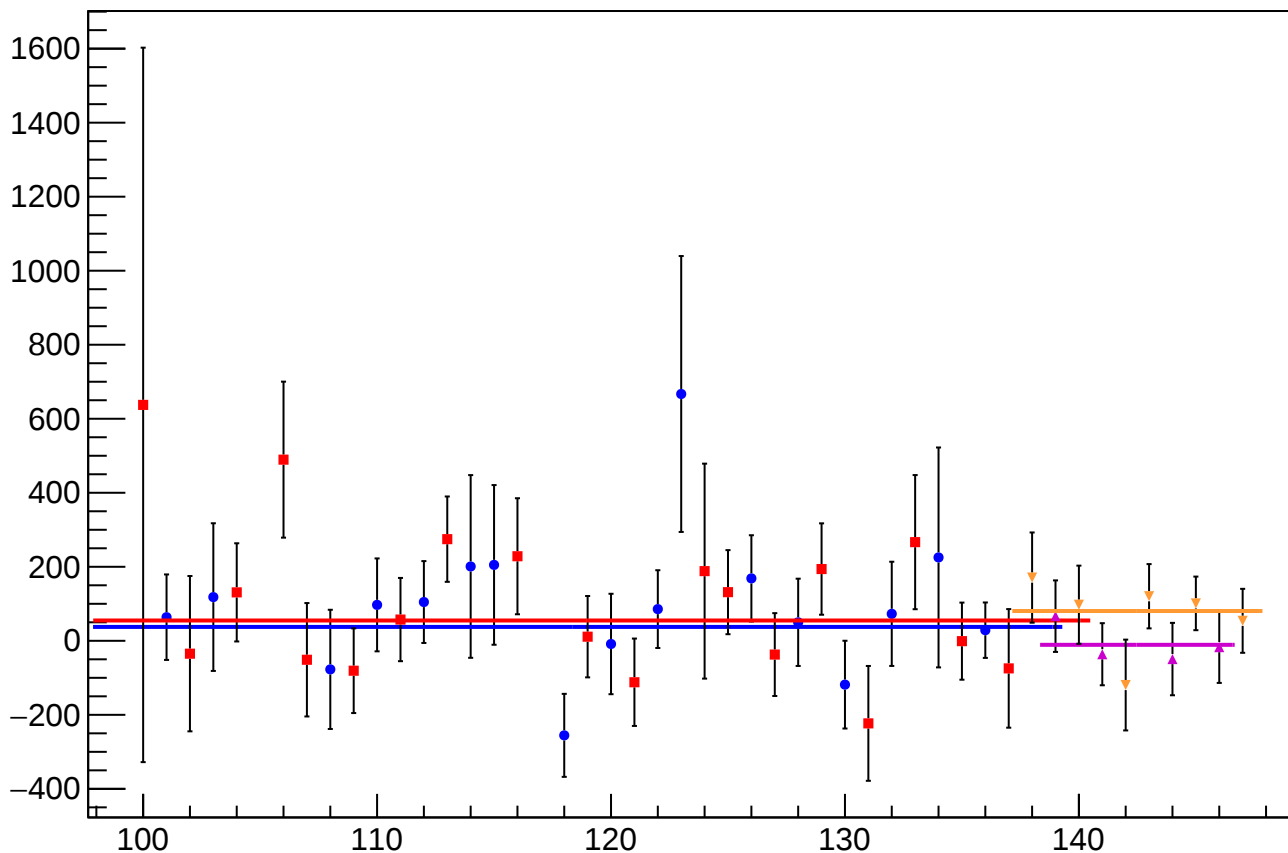
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 231.604 $\pm$ 0.057 χ^2 /NDF: 3555390.3/20

Out: 234.142 $\pm$ 0.054 χ^2 /NDF: 3910165.1/24

All: 232.947 $\pm$ 0.039 χ^2 /NDF: 7466588.6/45

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 80.502+/-38.328 χ^2/NDF : 3.6/5

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: -10.858+/-46.589 χ^2/NDF : 0.9/3

Left: 43.626+/-29.599 χ^2/NDF : 6.8/9

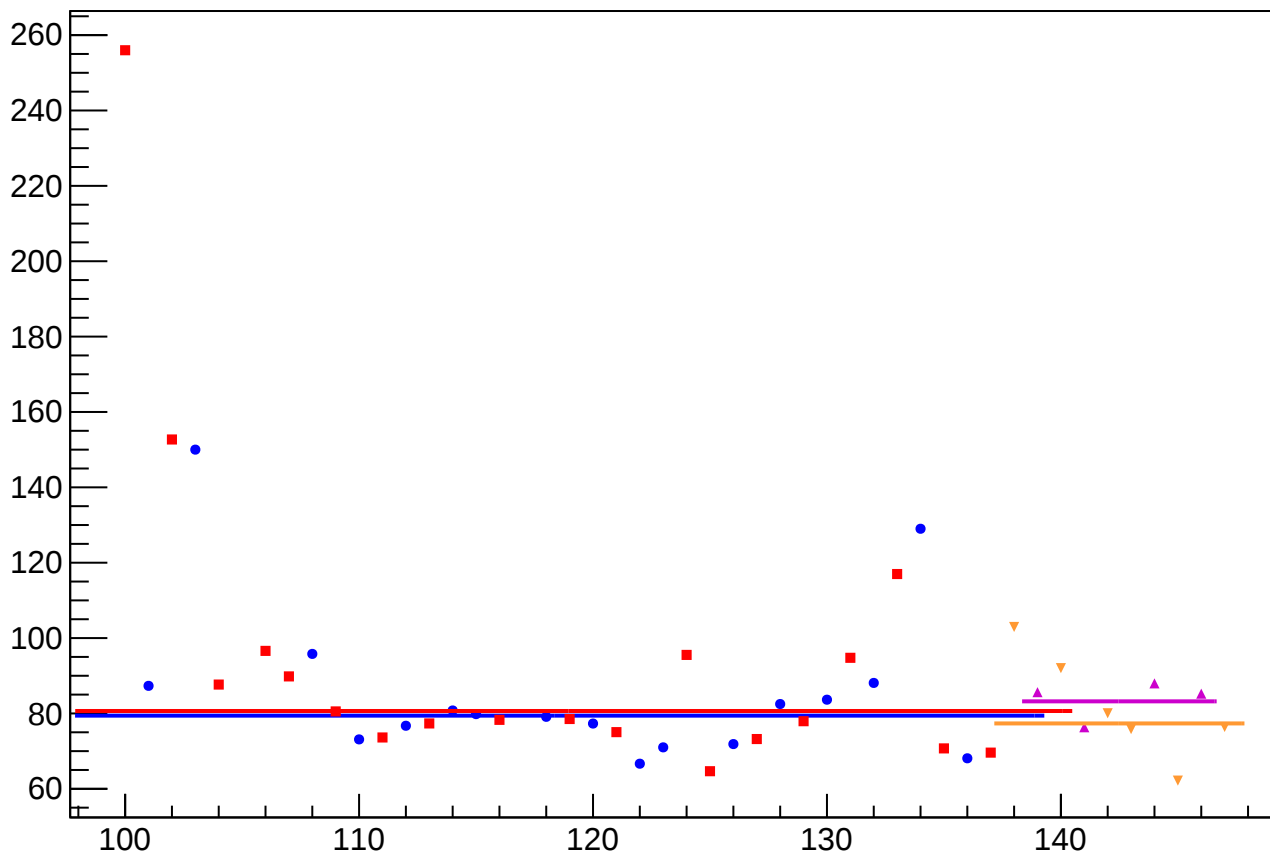
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 22.379+/-26.072 χ^2/NDF : 17.5/20

Out: 65.207+/-24.323 χ^2/NDF : 26.0/24

All: 45.278+/-17.785 χ^2/NDF : 45.0/45

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 77.350+/-0.027 χ^2/NDF : 216462.0/5

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 83.211+/-0.033 χ^2/NDF : 20350.7/3

Left: 79.716+/-0.021 χ^2/NDF : 255687.2/9

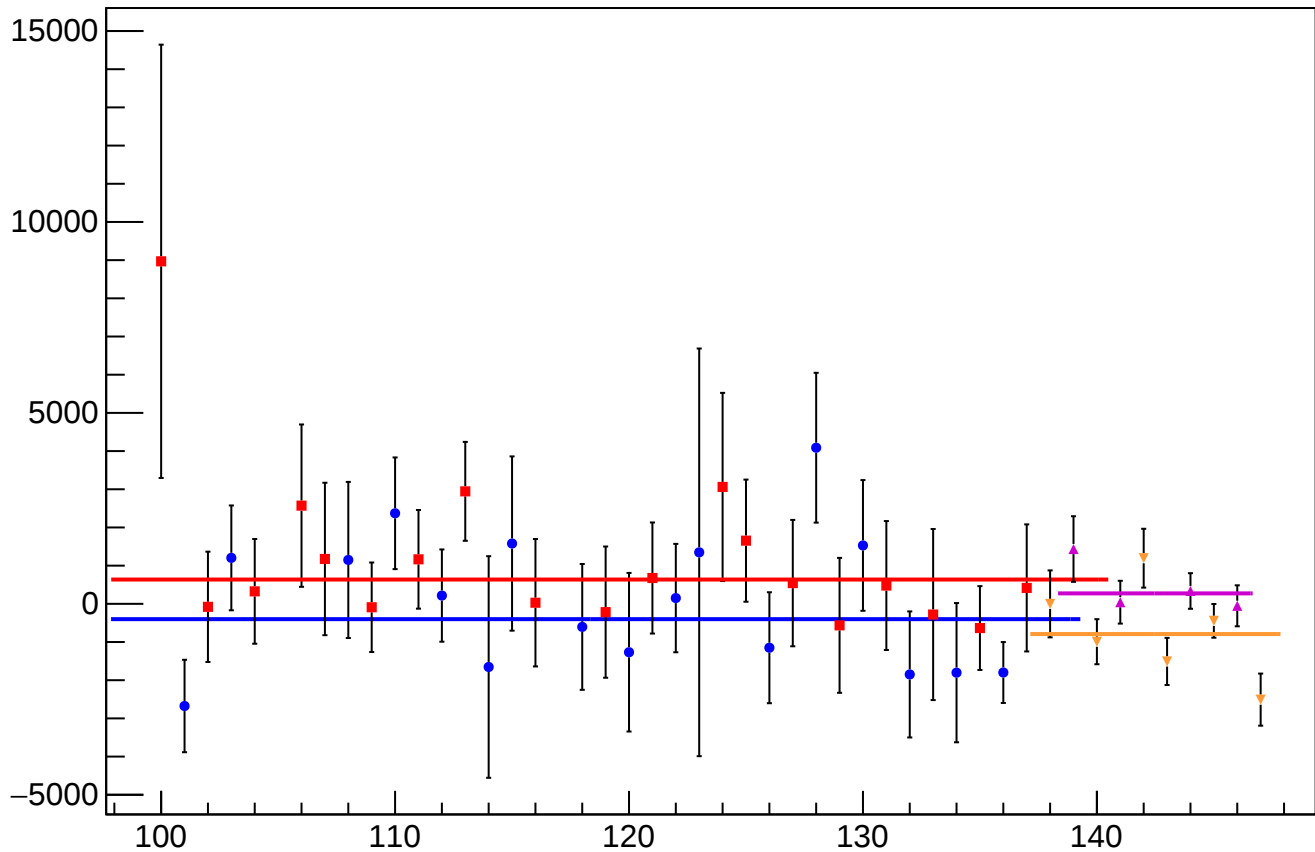
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 80.608+/-0.018 χ^2/NDF : 468486.5/20

Out: 79.322+/-0.017 χ^2/NDF : 745766.1/24

All: 79.921+/-0.013 χ^2/NDF : 1216853.5/45

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -791.344+/-251.898 χ^2/NDF :15.9/5

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 273.560+/-281.570 χ^2/NDF :2.4/3

Left: -317.940+/-187.735 χ^2/NDF : 26.2/9

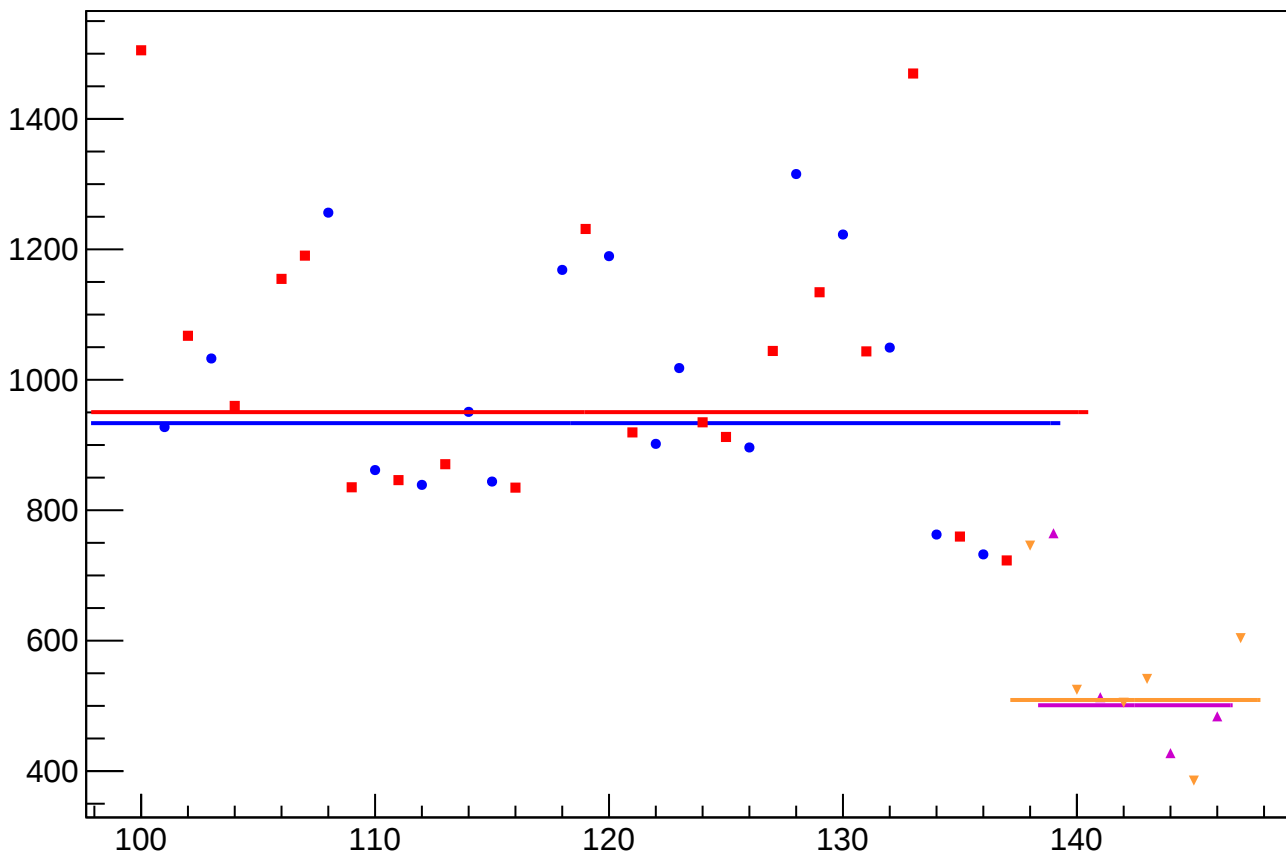
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 24.866+/-223.728 χ^2/NDF :26.4/20

Out: -327.241+/-206.936 χ^2/NDF :37.1/24

All: -164.896+/-151.916 χ^2/NDF : 64.9/45

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 509.047 $\pm$ 0.178 χ^2 /NDF: 348074.5/5

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 500.967 $\pm$ 0.199 χ^2 /NDF: 241177.5/3

Left: 505.455 $\pm$ 0.133 χ^2 /NDF: 590166.8/9

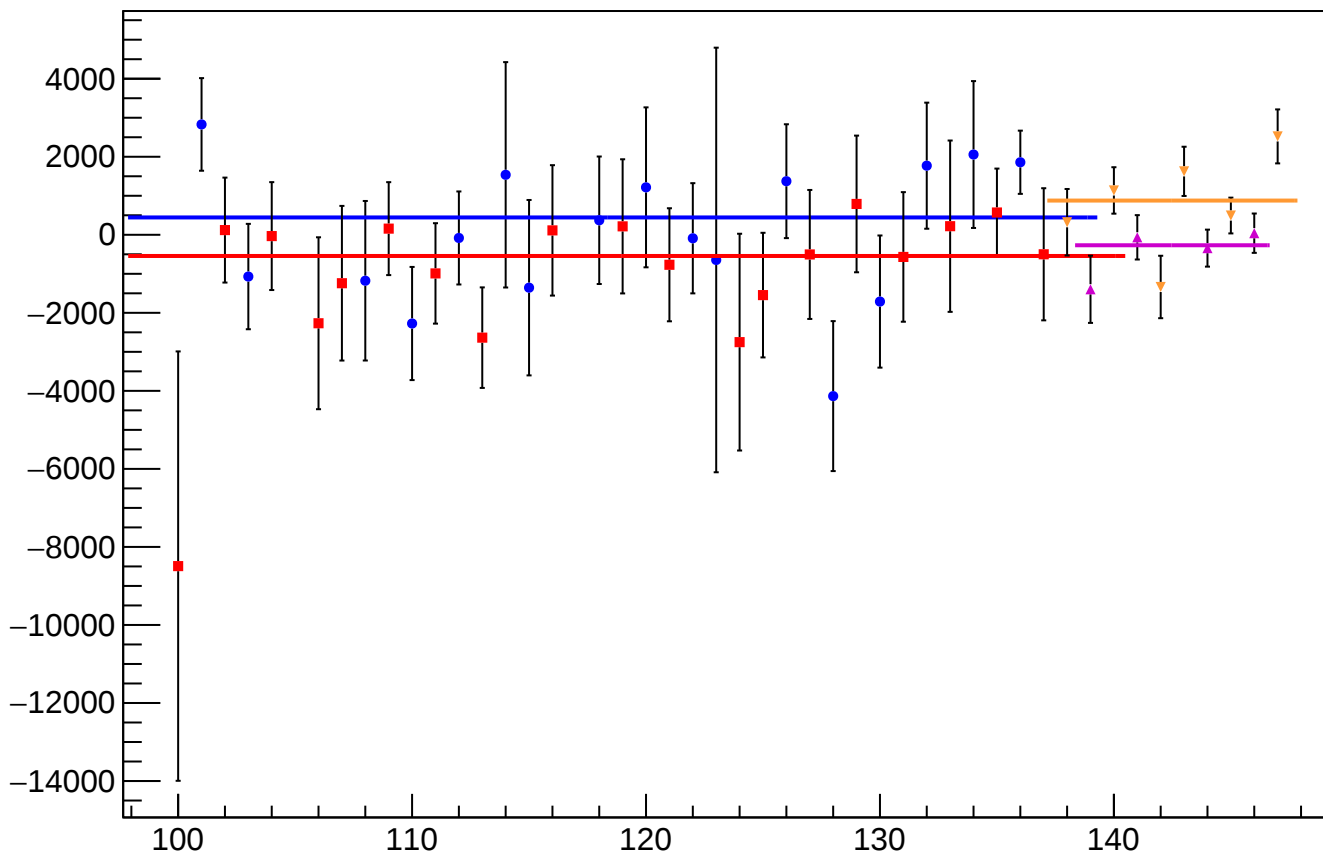
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 660.431 $\pm$ 0.158 χ^2 /NDF: 2423593.9/20

Out: 652.544 $\pm$ 0.146 χ^2 /NDF: 2768717.9/24

All: 656.180 $\pm$ 0.107 χ^2 /NDF: 5193651.5/45

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 877.290+/-257.142 χ^2/NDF :16.0/5

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -268.308+/-279.263 χ^2/NDF :2.2/3

Left: 351.655+/-189.164 χ^2/NDF : 27.4/9

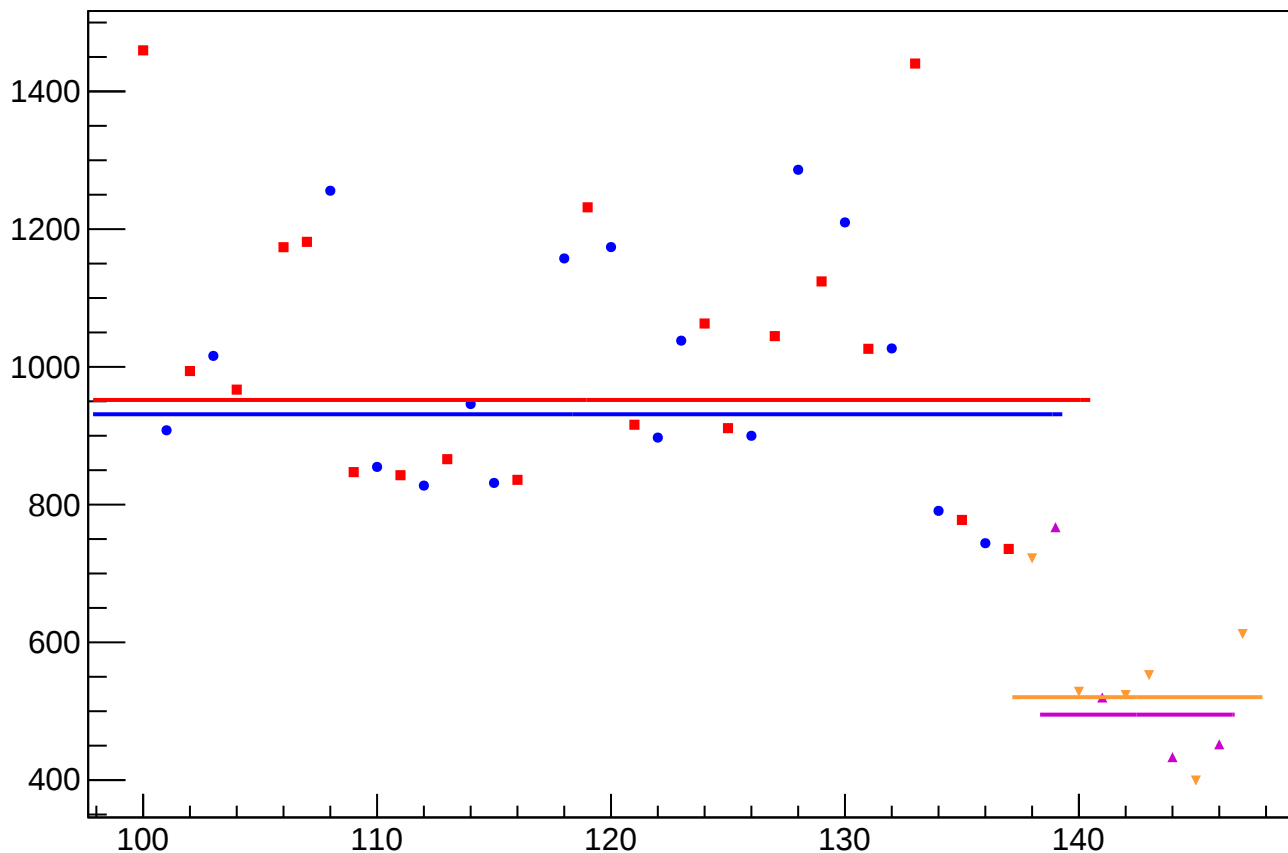
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -6.951+/-222.260 χ^2/NDF :27.5/20

Out: 403.268+/-209.891 χ^2/NDF :35.6/24

All: 209.891+/-152.601 χ^2/NDF : 64.9/45

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 520.391 $\pm$ 0.182 χ^2 /NDF: 292007.2/5

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 495.041 $\pm$ 0.197 χ^2 /NDF: 251831.4/3

Left: 508.760 $\pm$ 0.134 χ^2 /NDF: 552757.1/9

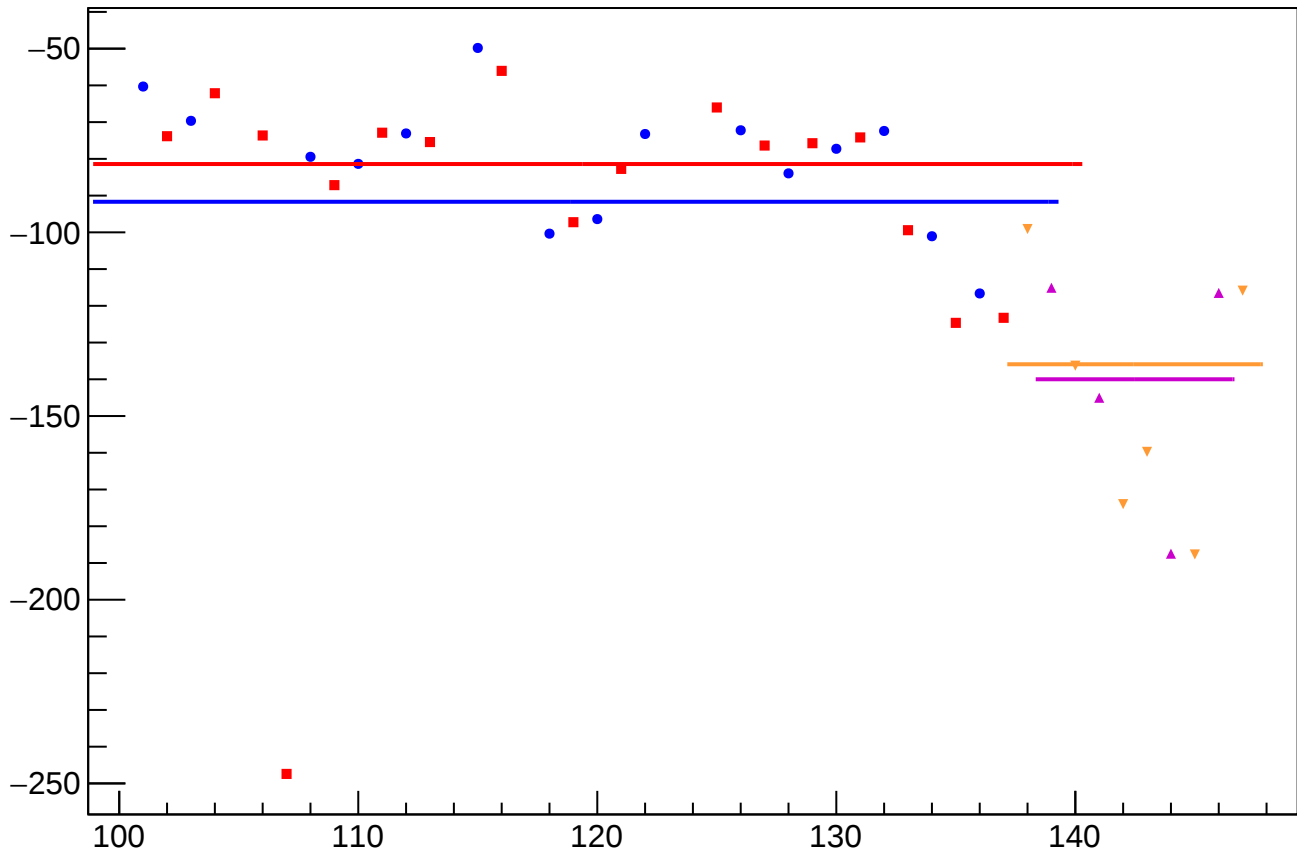
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 654.925 $\pm$ 0.157 χ^2 /NDF: 2440442.9/20

Out: 664.425 $\pm$ 0.148 χ^2 /NDF: 2554864.2/24

All: 659.947 $\pm$ 0.108 χ^2 /NDF: 4997238.7/45

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 $\pm$ 0.070 χ^2 /NDF: 64621.9/14

Left Out: -135.907 $\pm$ 0.197 χ^2 /NDF: 12415.1/5

Right Out: -81.406 $\pm$ 0.098 χ^2 /NDF: 41708.8/16

Left In: -139.994 $\pm$ 0.140 χ^2 /NDF: 17280.0/3

Left: -138.619 $\pm$ 0.114 χ^2 /NDF: 29979.8/9

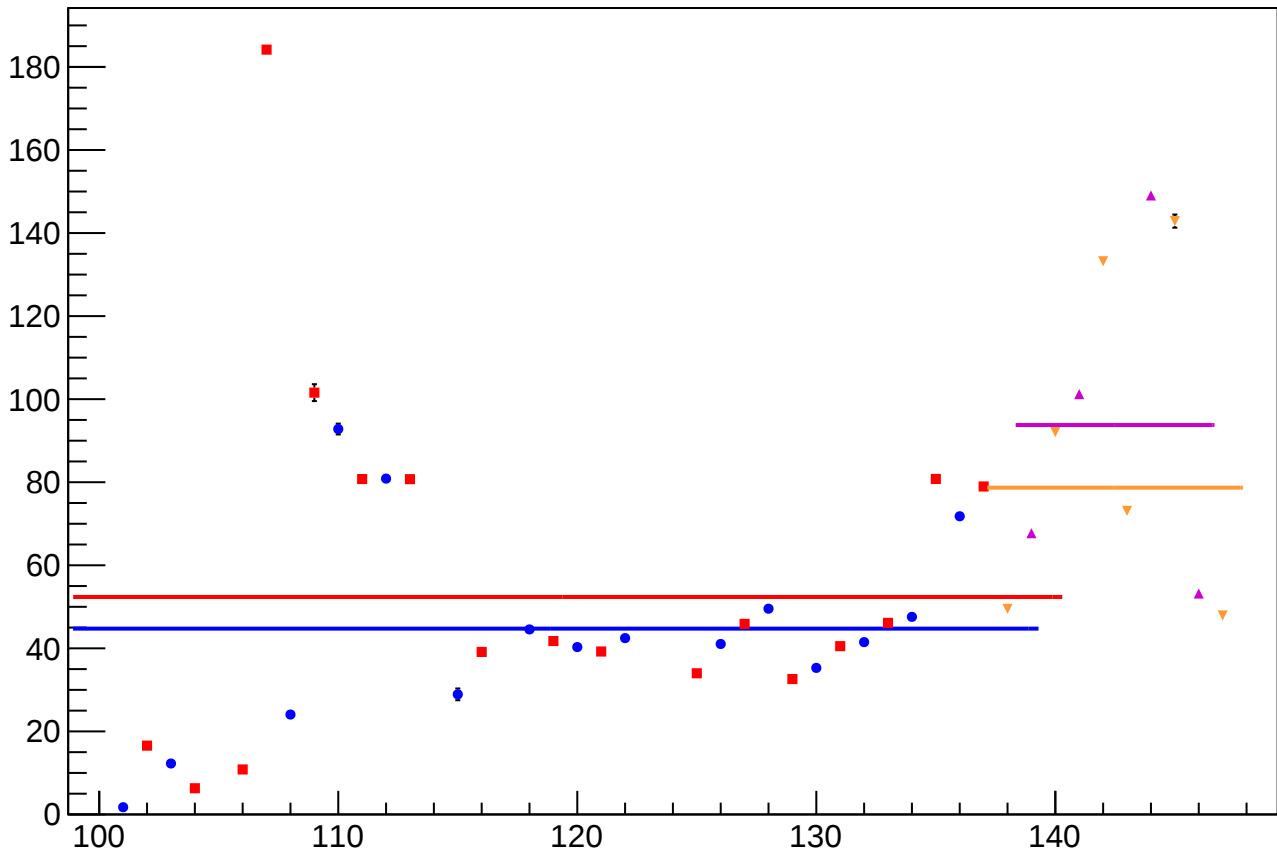
Right: -88.221 $\pm$ 0.057 χ^2 /NDF: 113551.1/31

In: -101.317 $\pm$ 0.063 χ^2 /NDF: 176571.3/18

Out: -92.275 $\pm$ 0.088 χ^2 /NDF: 115221.1/22

All: -98.274 $\pm$ 0.051 χ^2 /NDF: 298780.1/41

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 78.687 $\pm$ 0.201 χ^2/NDF :20438.7/5

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 93.773 $\pm$ 0.144 χ^2/NDF :24527.2/3

Left: 88.645 $\pm$ 0.117 χ^2/NDF : 48680.5/9

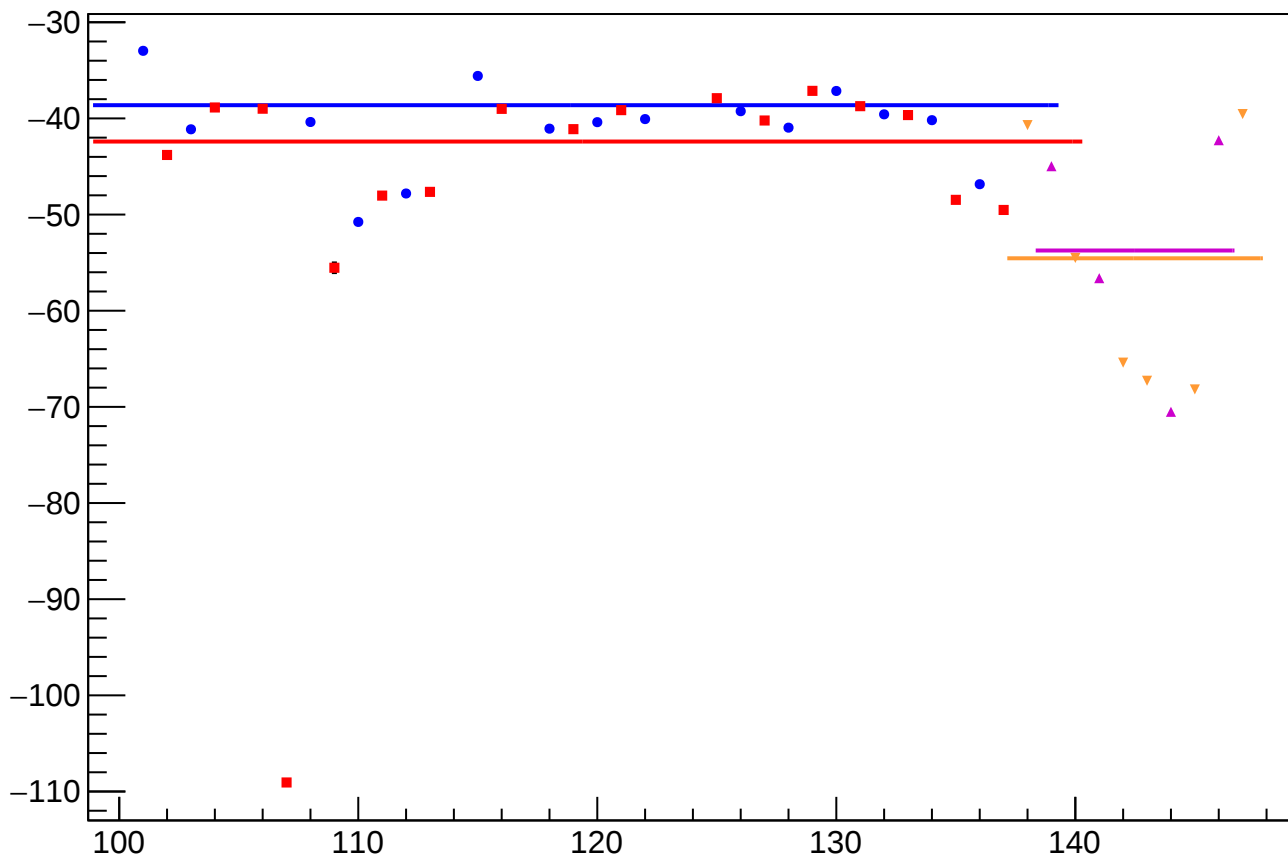
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 52.088 $\pm$ 0.056 χ^2/NDF :207353.7/18

Out: 58.645 $\pm$ 0.098 χ^2/NDF :102765.7/22

All: 53.690 $\pm$ 0.049 χ^2/NDF : 313487.4/41

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -54.548+/-0.043 χ^2/NDF : 71751.3/5

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -53.737+/-0.041 χ^2/NDF : 32059.2/3

Left: -54.121+/-0.030 χ^2/NDF : 103996.3/9

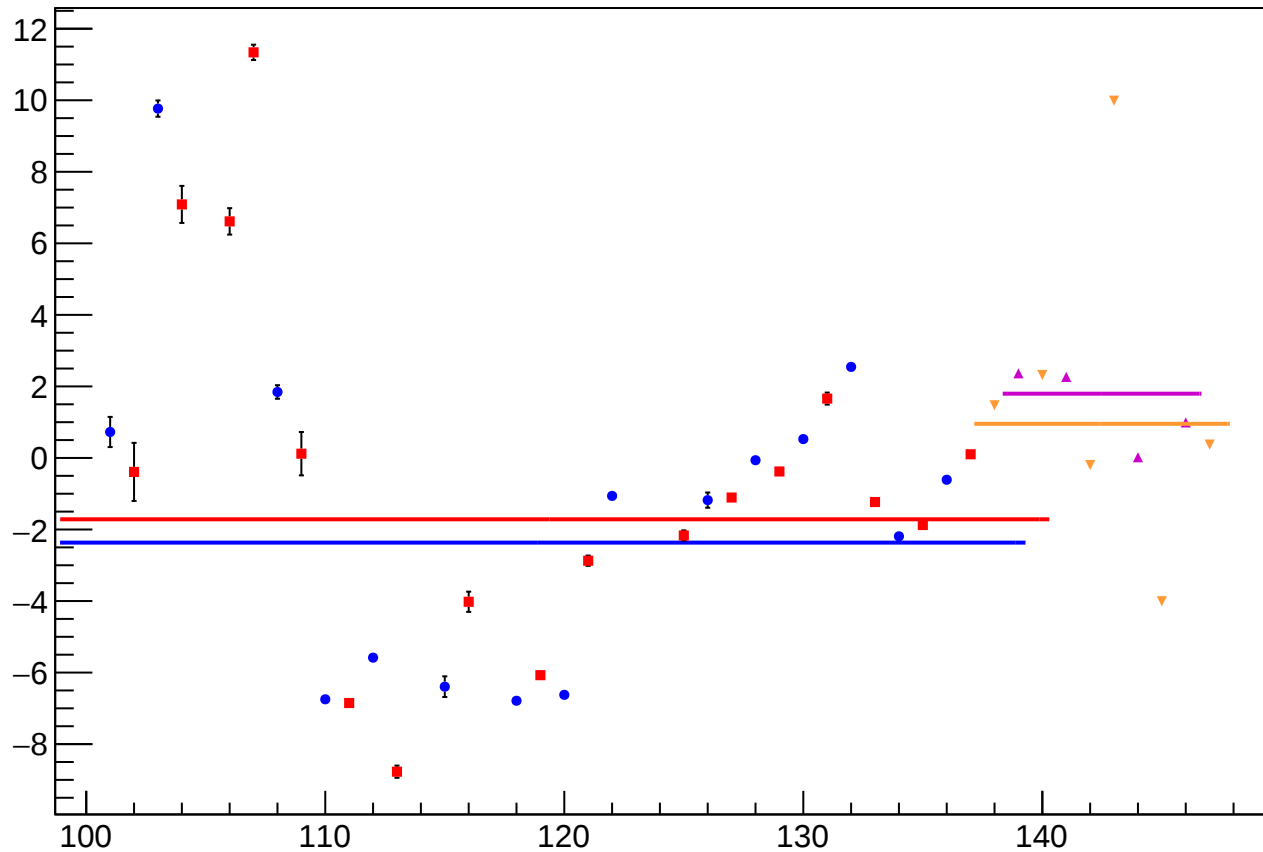
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.218+/-0.008 χ^2/NDF : 403268.4/18

Out: -44.784+/-0.019 χ^2/NDF : 404604.6/22

All: -40.068+/-0.007 χ^2/NDF : 879904.1/41

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 0.955 ± 0.020 χ^2/NDF : 10090.6/5

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.797 ± 0.018 χ^2/NDF : 1624.6/3

Left: 1.423 ± 0.013 χ^2/NDF : 12725.8/9

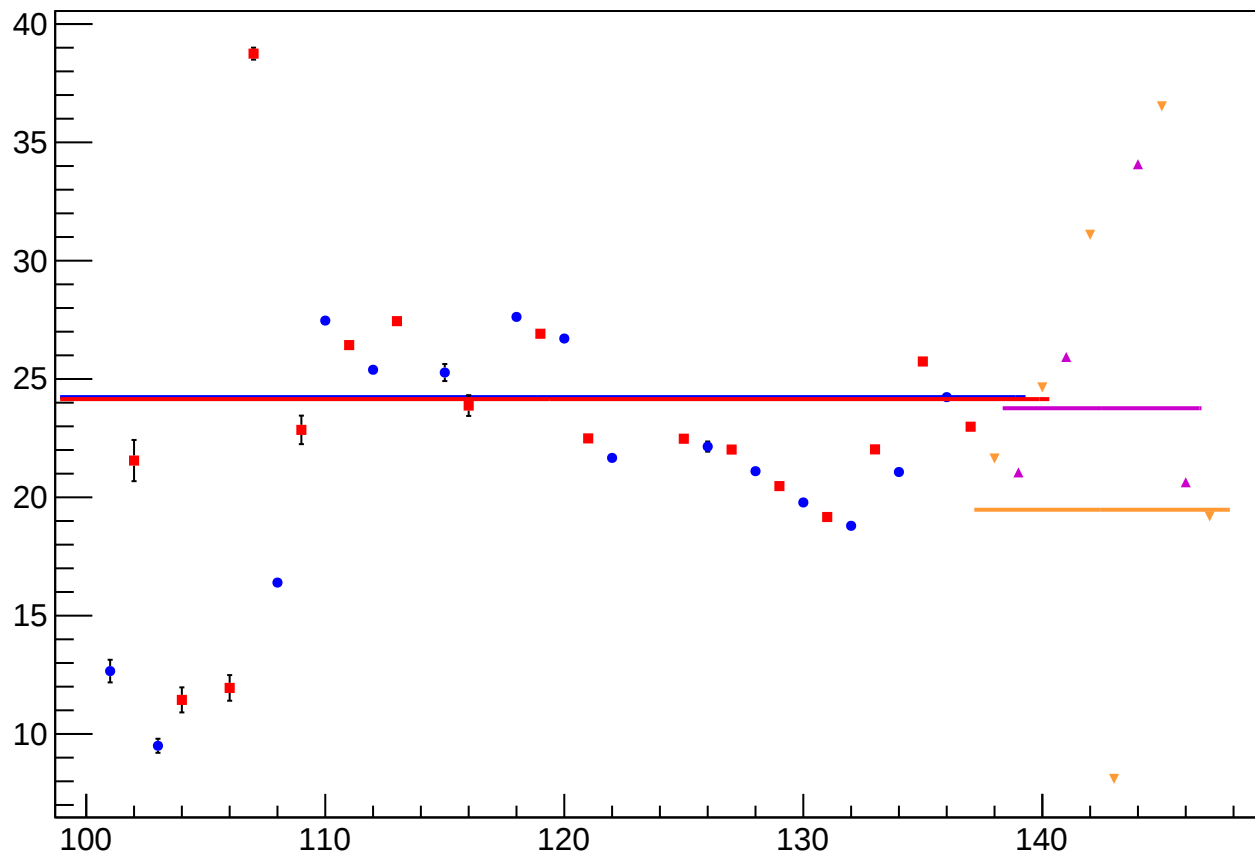
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.750 ± 0.011 χ^2/NDF : 64417.2/18

Out: 0.024 ± 0.016 χ^2/NDF : 29181.5/22

All: -0.500 ± 0.009 χ^2/NDF : 95194.4/41

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2/NDF : 21896.9/14

Left Out: 19.476 $\pm$ 0.031 χ^2/NDF : 37991.5/5

Right Out: 24.150 $\pm$ 0.024 χ^2/NDF : 13222.6/16

Left In: 23.765 $\pm$ 0.029 χ^2/NDF : 14071.5/3

Left: 21.746 $\pm$ 0.021 χ^2/NDF : 62420.2/9

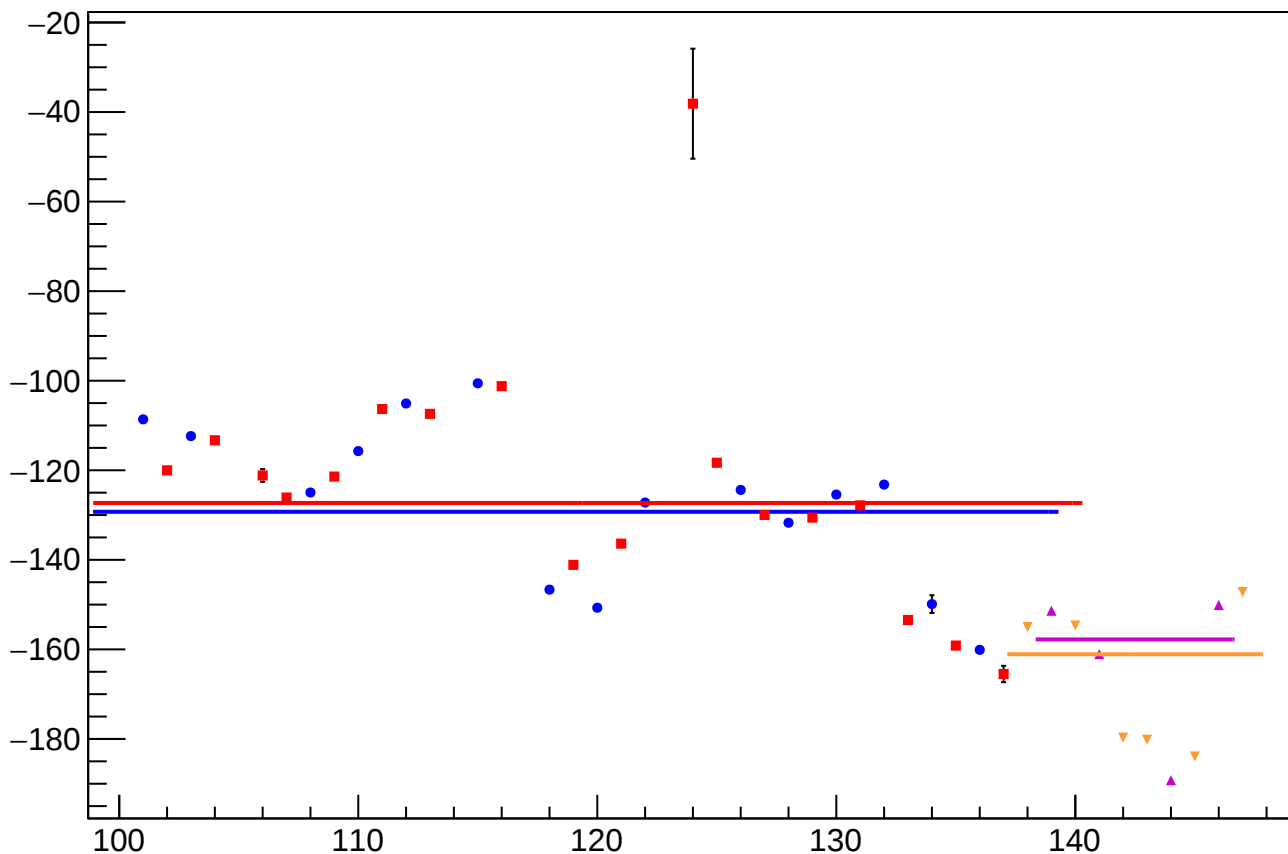
Right: 24.197 $\pm$ 0.016 χ^2/NDF : 35126.2/31

In: 24.063 $\pm$ 0.018 χ^2/NDF : 36135.7/18

Out: 22.340 $\pm$ 0.019 χ^2/NDF : 65457.9/22

All: 23.275 $\pm$ 0.013 χ^2/NDF : 106015.6/41

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -161.082 ± 0.117 χ^2/NDF : 13681.4/5

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -157.770 ± 0.117 χ^2/NDF : 10886.9/3

Left: -159.421 ± 0.083 χ^2/NDF : 24969.8/9

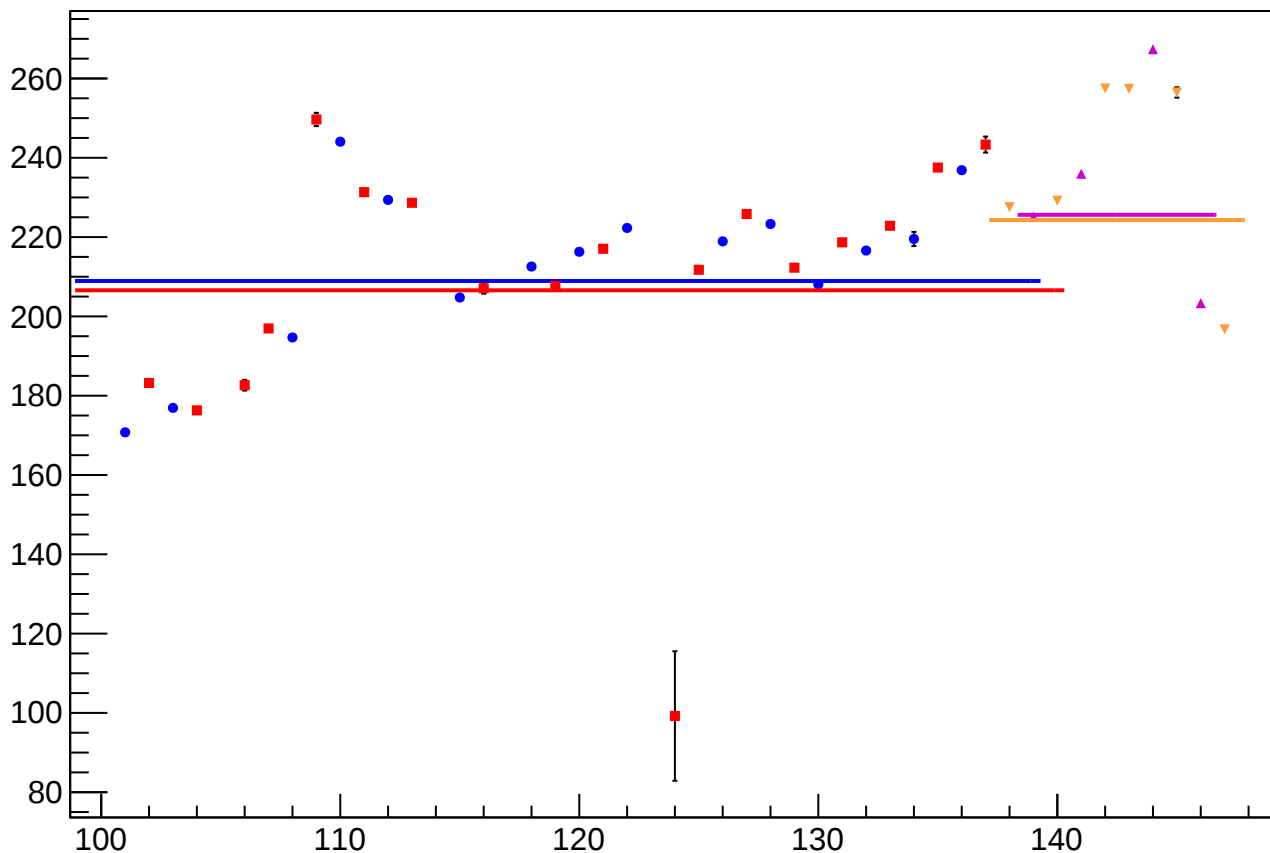
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -139.572 ± 0.070 χ^2/NDF : 84094.4/18

Out: -138.839 ± 0.068 χ^2/NDF : 98091.7/23

All: -139.196 ± 0.049 χ^2/NDF : 182242.1/42

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 224.291 $\pm$ 0.109 χ^2/NDF : 51026.5/5

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 225.622 $\pm$ 0.119 χ^2/NDF : 24703.5/3

Left: 224.898 $\pm$ 0.081 χ^2/NDF : 75797.7/9

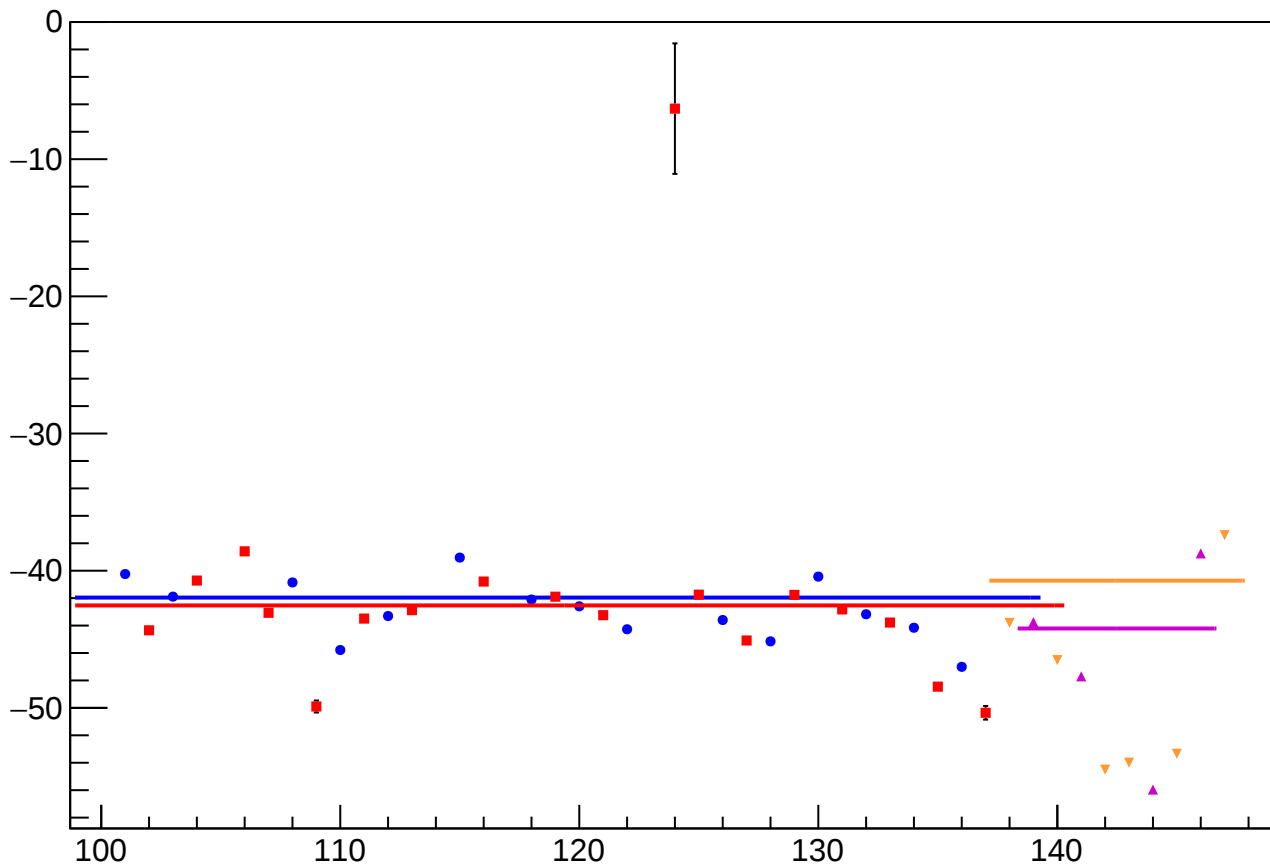
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 214.920 $\pm$ 0.071 χ^2/NDF : 81942.8/18

Out: 213.086 $\pm$ 0.066 χ^2/NDF : 115886.0/23

All: 213.933 $\pm$ 0.049 χ^2/NDF : 198183.5/42

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -40.724 ± 0.014 χ^2/NDF : 151632.6/5

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -44.213 ± 0.021 χ^2/NDF : 28917.4/3

Left: -41.812 ± 0.012 χ^2/NDF : 199941.7/9

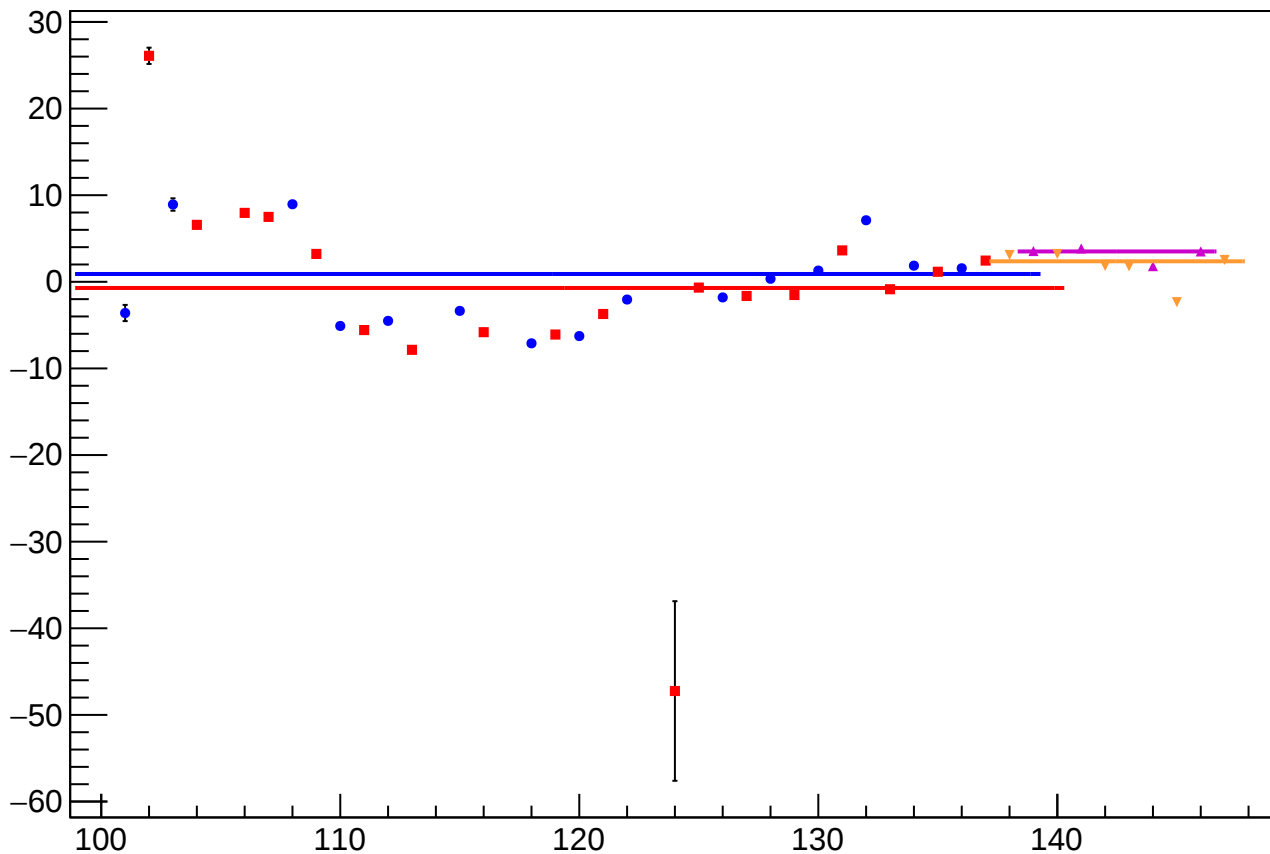
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -42.772 ± 0.012 χ^2/NDF : 60664.6/18

Out: -41.293 ± 0.012 χ^2/NDF : 163019.6/23

All: -41.977 ± 0.008 χ^2/NDF : 231232.7/42

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.368 ± 0.019 χ^2/NDF : 5107.4/5

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.505 ± 0.019 χ^2/NDF : 947.9/3

Left: 2.951 ± 0.013 χ^2/NDF : 7877.8/9

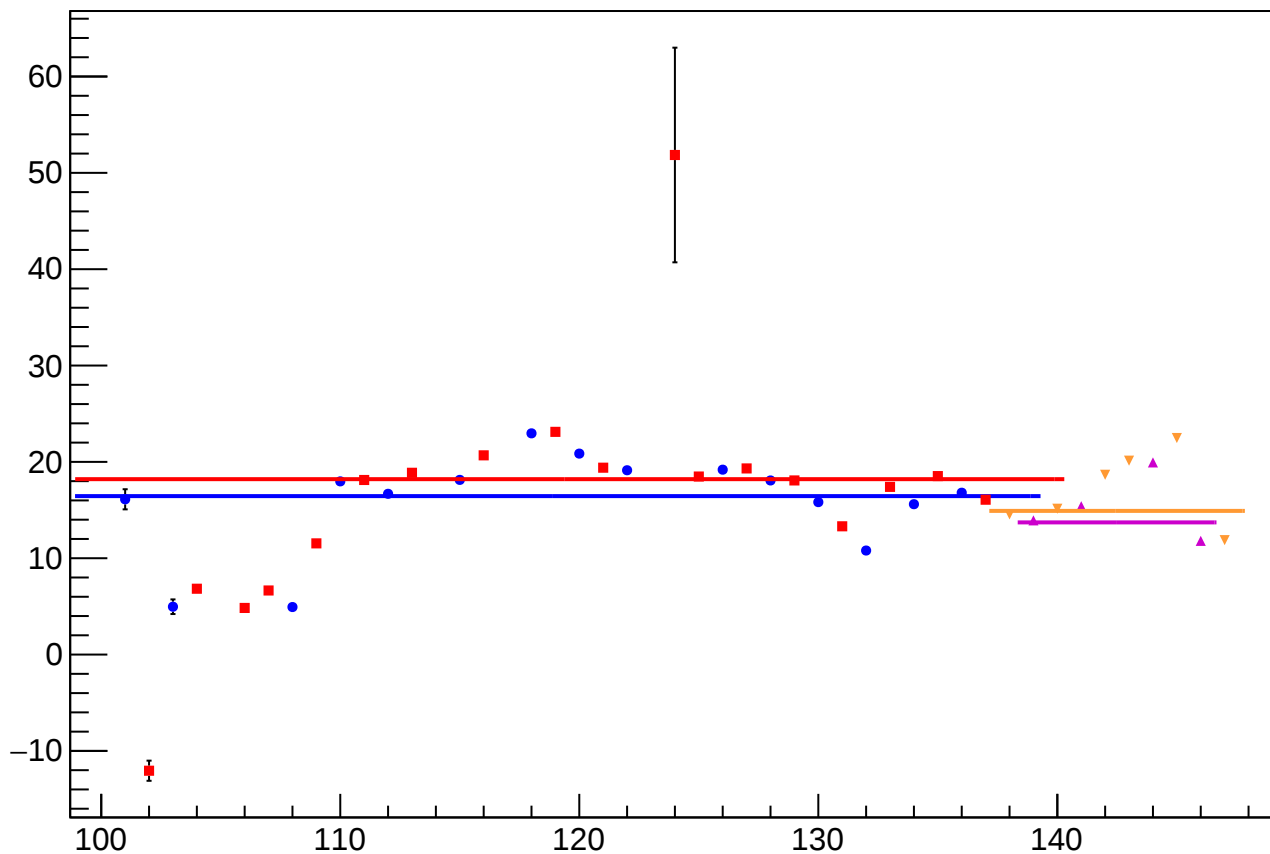
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.302 ± 0.014 χ^2/NDF : 31147.4/18

Out: 1.194 ± 0.015 χ^2/NDF : 45765.1/23

All: 1.801 ± 0.010 χ^2/NDF : 79901.7/42

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 14.913 $\pm$ 0.020 χ^2 /NDF: 29275.3/5

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 13.719 $\pm$ 0.022 χ^2 /NDF: 9576.2/3

Left: 14.372 $\pm$ 0.015 χ^2 /NDF: 40466.0/9

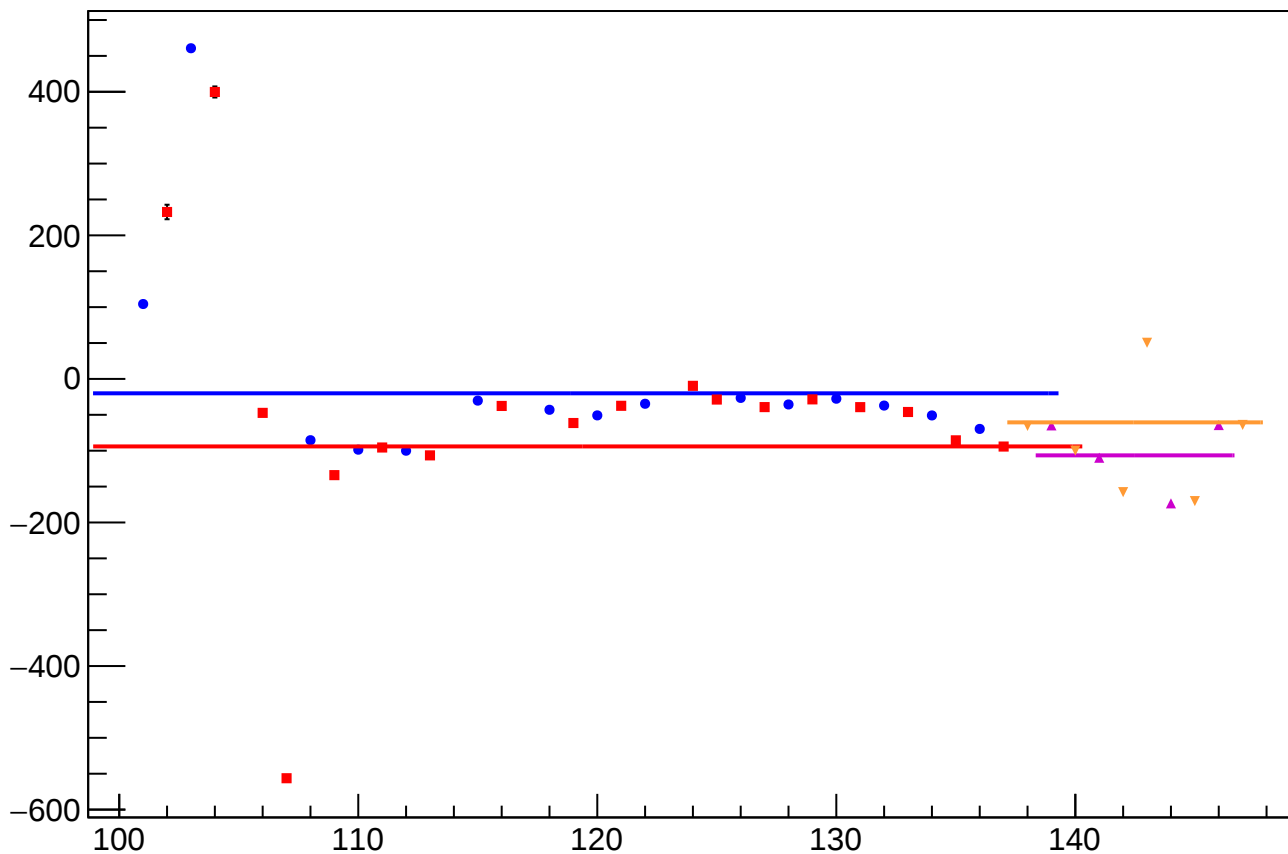
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 14.941 $\pm$ 0.016 χ^2 /NDF: 30660.0/18

Out: 16.527 $\pm$ 0.014 χ^2 /NDF: 70022.6/23

All: 15.839 $\pm$ 0.011 χ^2 /NDF: 106020.5/42

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.543+/-0.232 χ^2/NDF : 42936.2/5

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -106.502+/-0.307 χ^2/NDF : 16749.3/3

Left: -77.251+/-0.185 χ^2/NDF : 73927.8/9

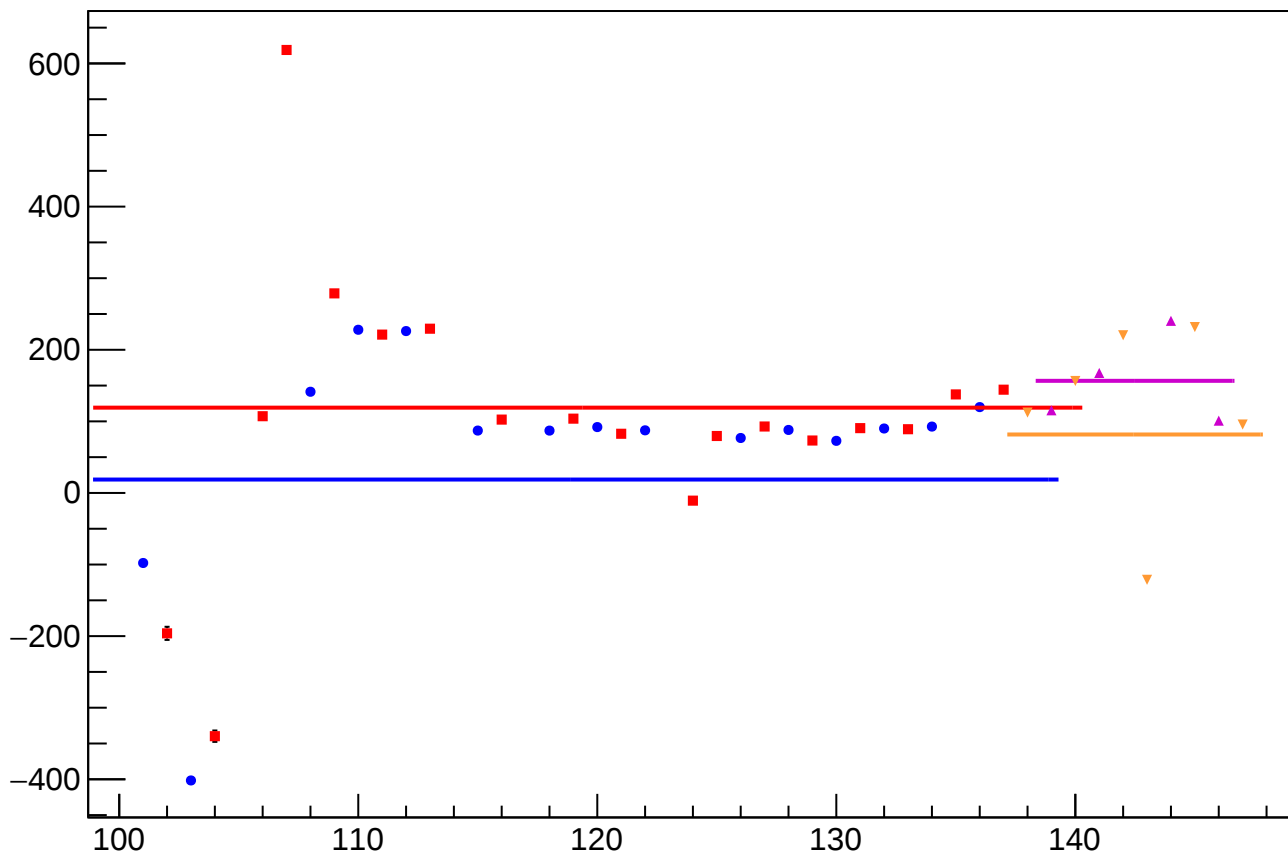
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -37.263+/-0.137 χ^2/NDF : 521620.5/18

Out: -93.954+/-0.012 χ^2/NDF : 151188.0/23

All: -93.493+/-0.012 χ^2/NDF : 842494.2/42

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 81.669 ± 0.228 $\chi^2/\text{NDF}: 161449.5/5$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 156.628 ± 0.307 $\chi^2/\text{NDF}: 20688.3/3$

Left: 108.342 ± 0.183 $\chi^2/\text{NDF}: 220511.9/9$

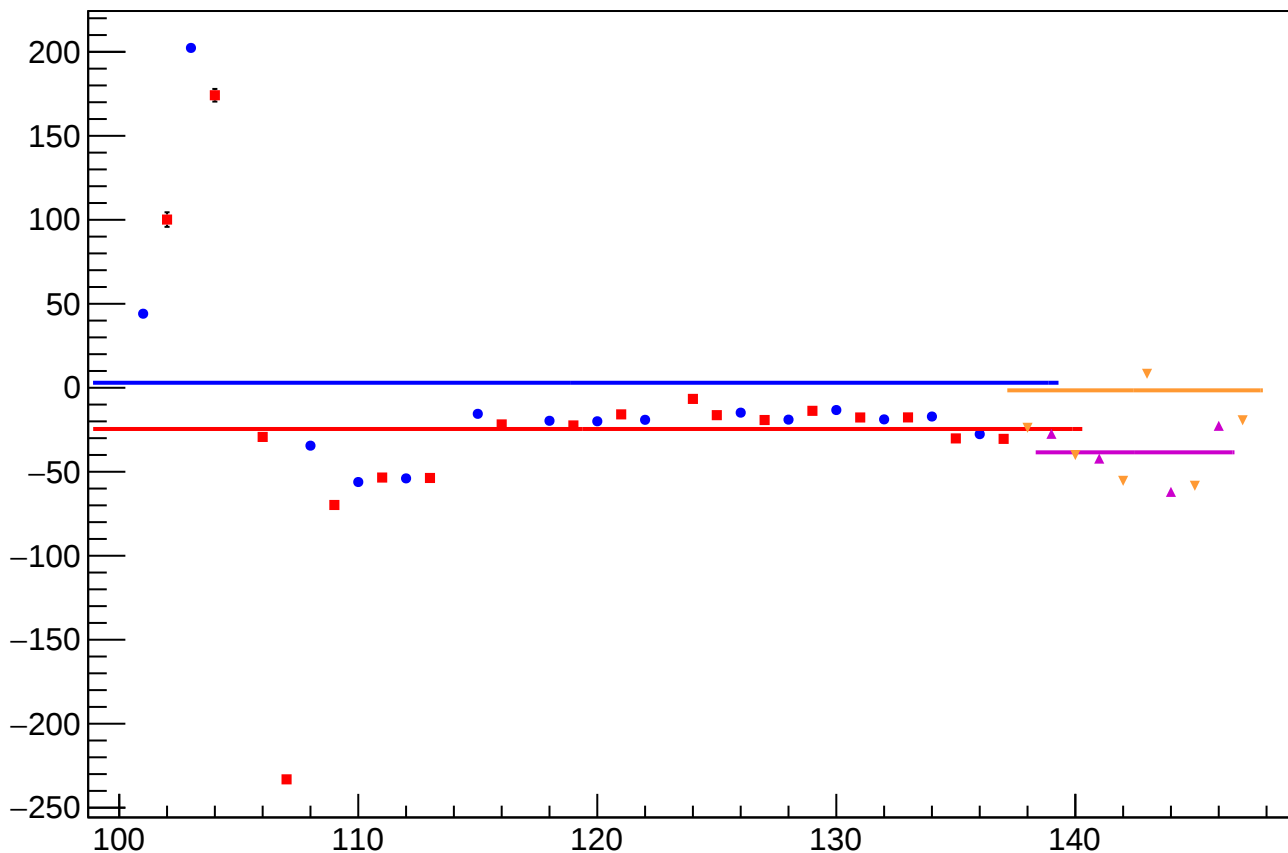
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 45.885 ± 0.136 $\chi^2/\text{NDF}: 1284398.1/18$

Out: 102.951 ± 0.150 $\chi^2/\text{NDF}: 264216.3/23$

All: 71.669 ± 0.101 $\chi^2/\text{NDF}: 1627836.7/42$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -1.529 ± 0.033 χ^2/NDF : 279984.5/5

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -38.435 ± 0.060 χ^2/NDF : 27195.2/3

Left: -10.118 ± 0.029 χ^2/NDF : 601061.1/9

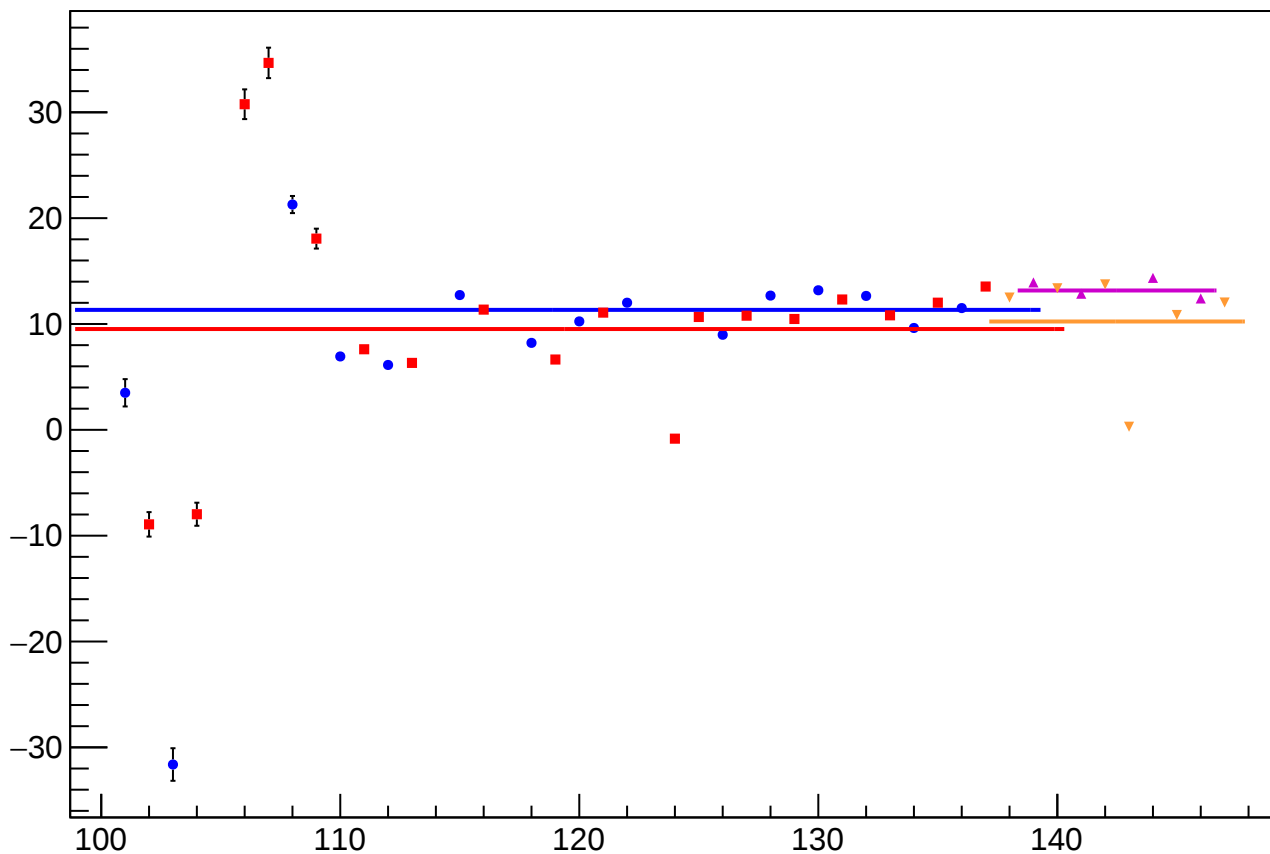
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -4.007 ± 0.025 χ^2/NDF : 3924997.8/18

Out: -9.850 ± 0.026 χ^2/NDF : 633940.1/23

All: -6.730 ± 0.018 χ^2/NDF : 4585418.0/42

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 10.236 $\pm$ 0.031 χ^2 /NDF: 24533.8/5

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.165 $\pm$ 0.040 χ^2 /NDF: 365.3/3

Left: 11.349 $\pm$ 0.025 χ^2 /NDF: 28243.8/9

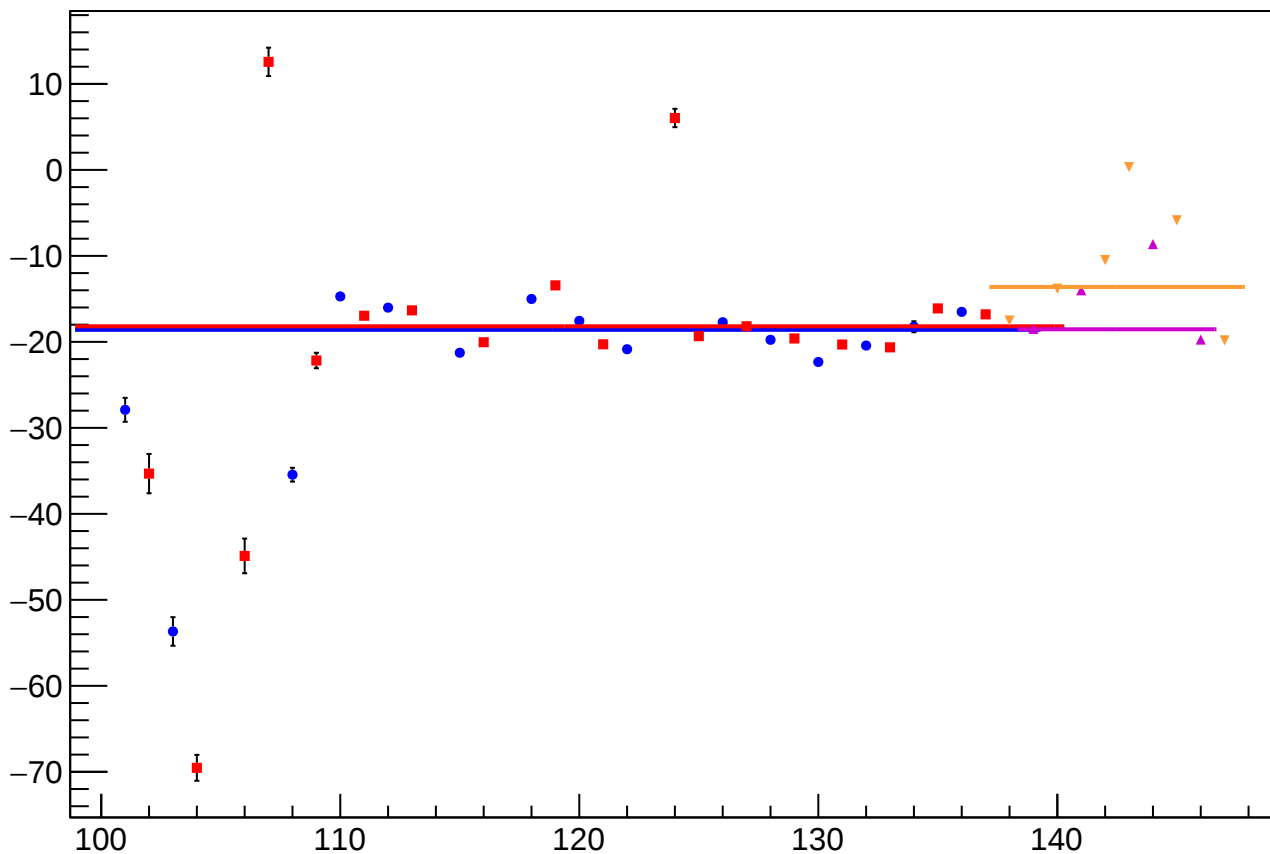
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.190 $\pm$ 0.027 χ^2 /NDF: 3894.2/18

Out: 10.025 $\pm$ 0.026 χ^2 /NDF: 28755.4/23

All: 11.063 $\pm$ 0.019 χ^2 /NDF: 35932.8/42

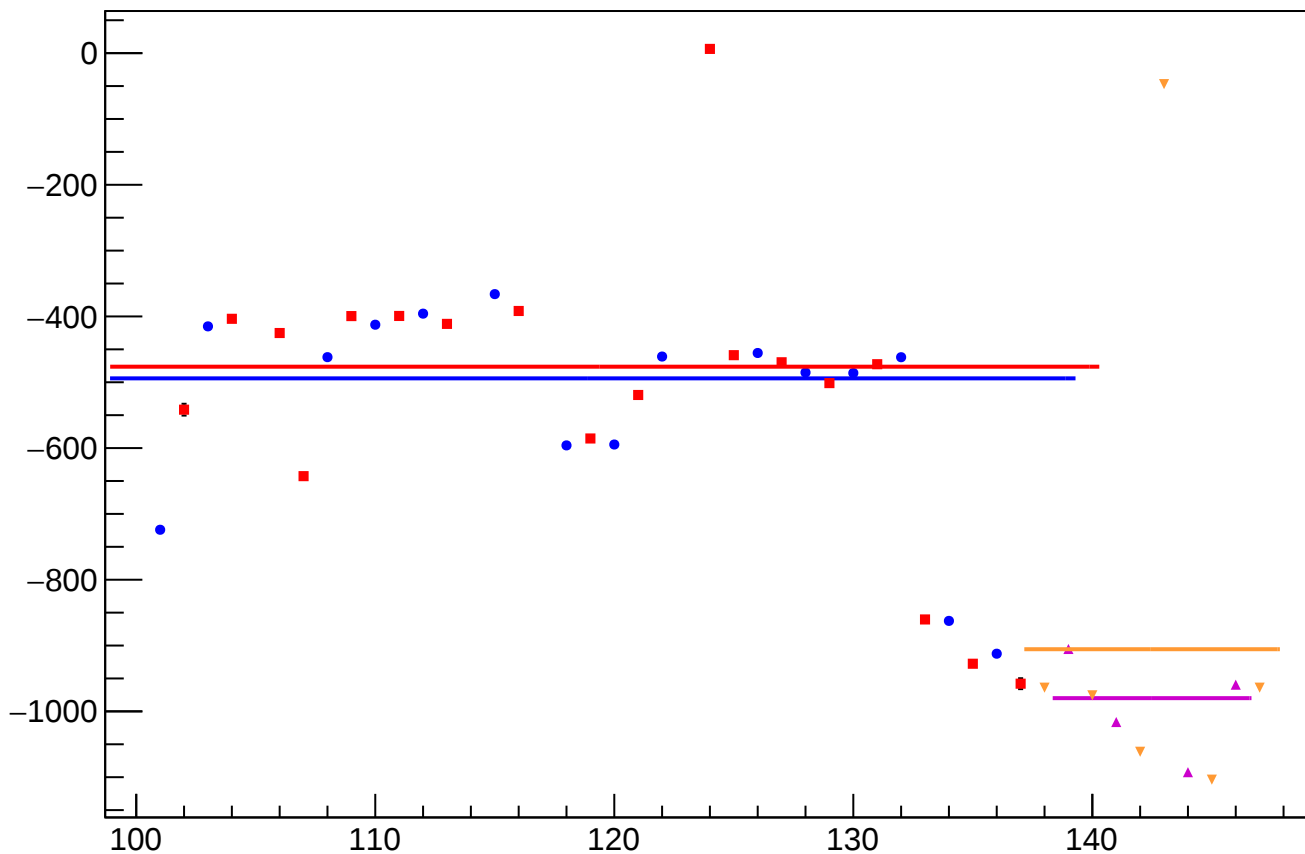
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -13.615 ± 0.040 χ^2/NDF : 30559.8/5
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -18.536 ± 0.038 χ^2/NDF : 5319.9/3

Left: -16.189 ± 0.028 χ^2/NDF : 43824.5/9
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -18.567 ± 0.027 χ^2/NDF : 11510.2/18
 Out: -15.420 ± 0.031 χ^2/NDF : 40620.6/23
 All: -17.235 ± 0.020 χ^2/NDF : 58047.7/42

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -905.580 ± 0.512 $\chi^2/\text{NDF}: 291501.0/5$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -979.915 ± 0.514 $\chi^2/\text{NDF}: 13949.4/3$

Left: -942.618 ± 0.363 $\chi^2/\text{NDF}: 315956.0/9$

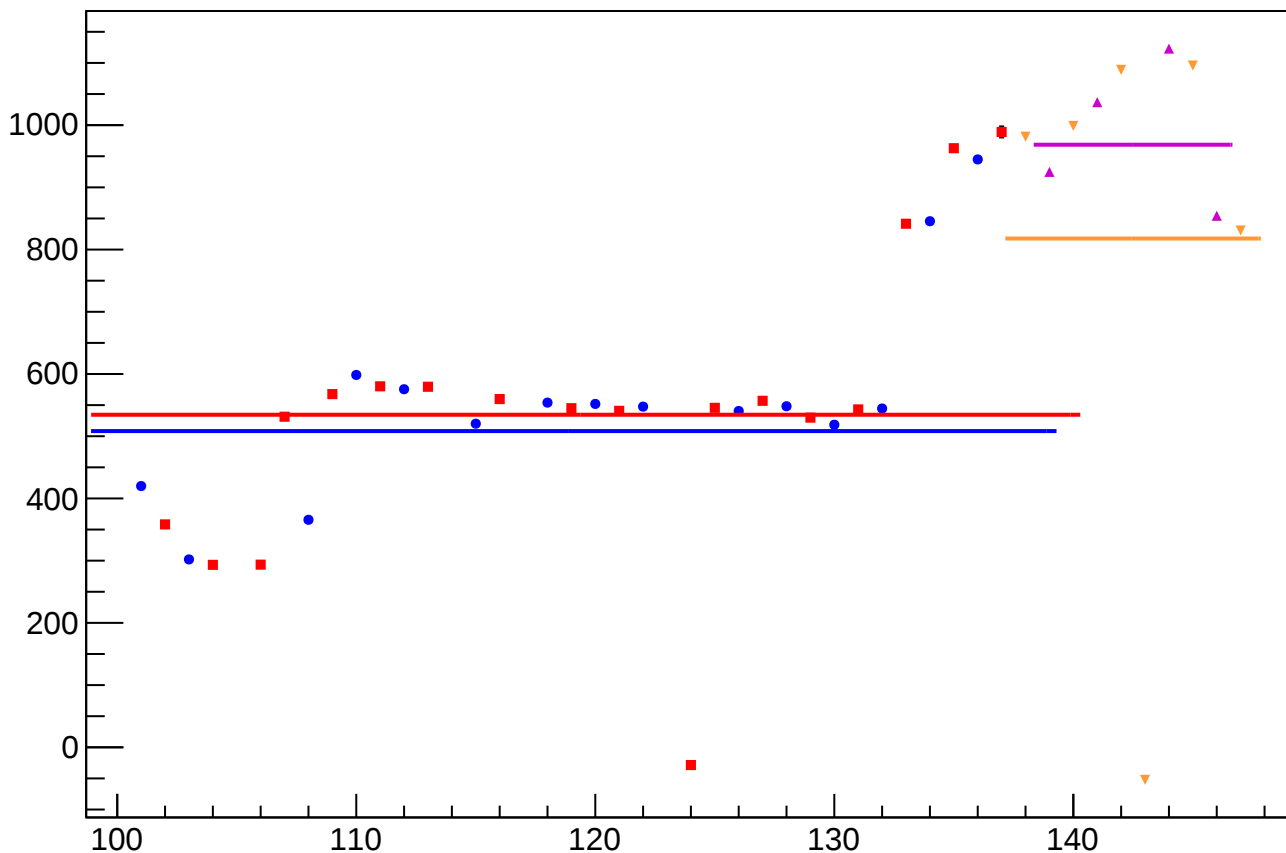
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -576.442 ± 0.212 $\chi^2/\text{NDF}: 1082731.7/18$

Out: -525.988 ± 0.174 $\chi^2/\text{NDF}: 1507310.6/23$

All: -546.365 ± 0.134 $\chi^2/\text{NDF}: 2623962.3/42$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 817.769+/-0.506 χ^2/NDF : 401517.8/5

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 968.531+/-0.535 χ^2/NDF : 29148.8/3

Left: 888.900+/-0.368 χ^2/NDF : 472573.0/9

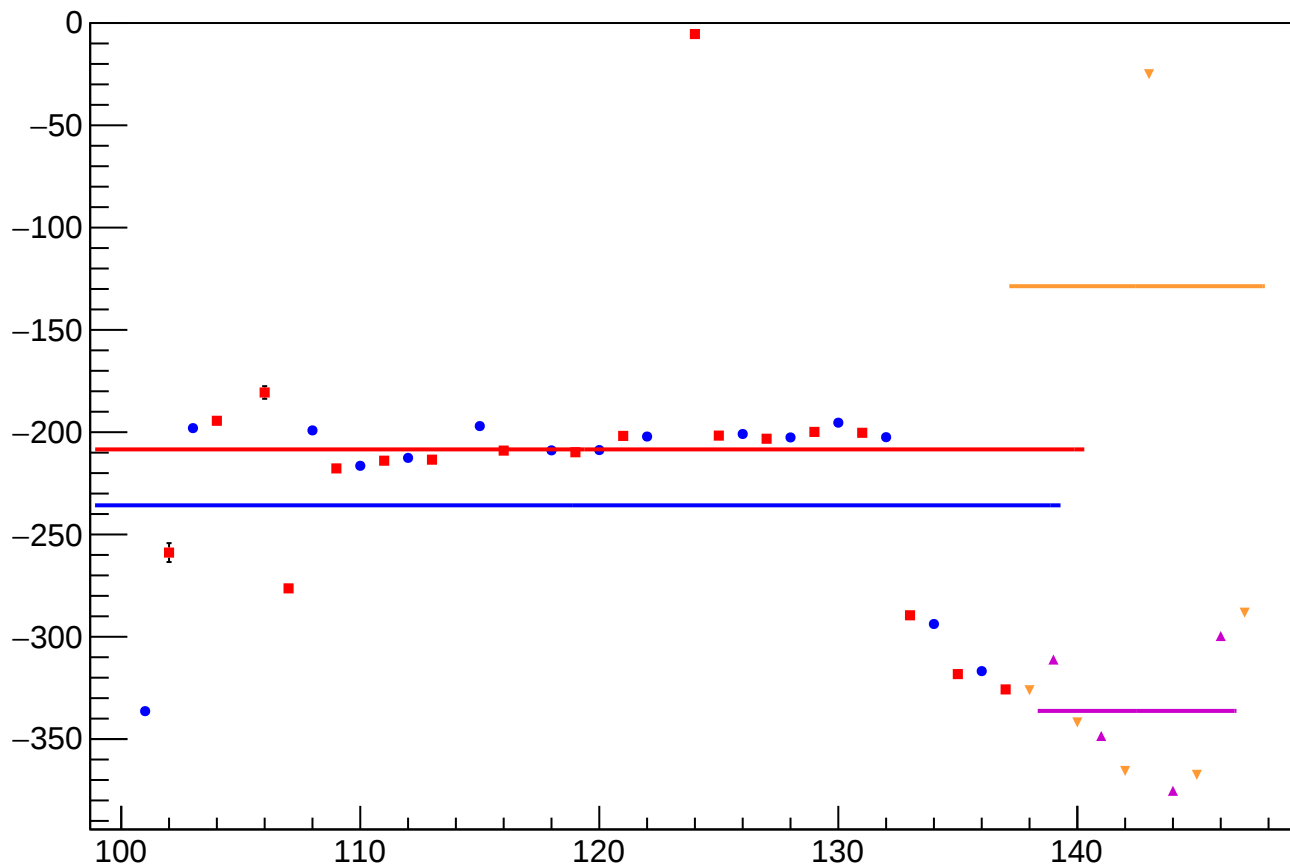
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 575.654+/-0.205 χ^2/NDF : 1099844.8/18

Out: 578.615+/-0.200 χ^2/NDF : 1034479.7/23

All: 577.173+/-0.143 χ^2/NDF : 2134431.7/42

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -128.638+/-0.084 χ^2/NDF : 2886080.1/5

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -336.233+/-0.100 χ^2/NDF : 49426.7/3

Left: -214.573+/-0.064 χ^2/NDF : 5473476.8/9

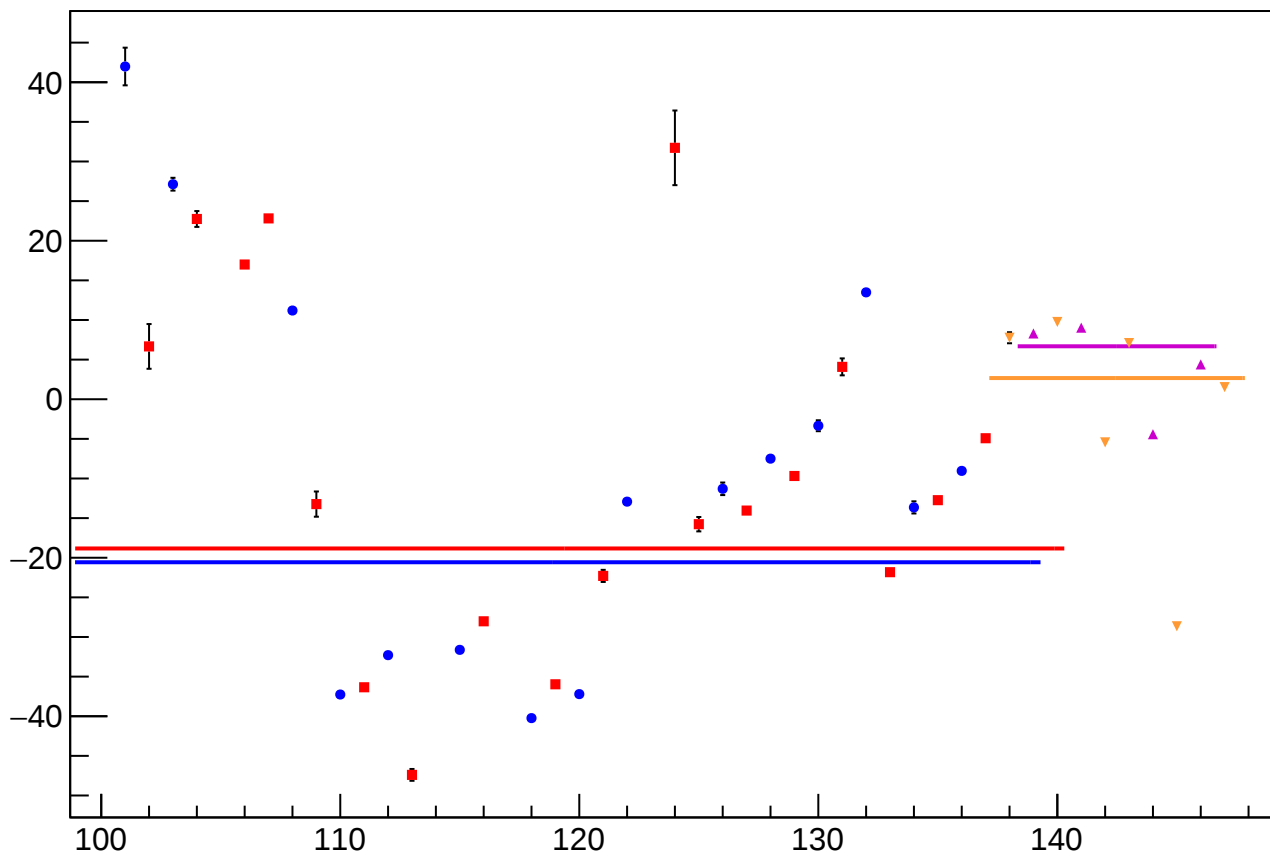
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -259.319+/-0.048 χ^2/NDF : 1702296.2/18

Out: -189.494+/-0.041 χ^2/NDF : 3951761.1/23

All: -218.584+/-0.031 χ^2/NDF : 6872566.5/42

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 2.673 ± 0.058 $\chi^2/\text{NDF}: 7195.0/5$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 6.682 ± 0.074 $\chi^2/\text{NDF}: 2015.2/3$

Left: 4.193 ± 0.045 $\chi^2/\text{NDF}: 11038.0/9$

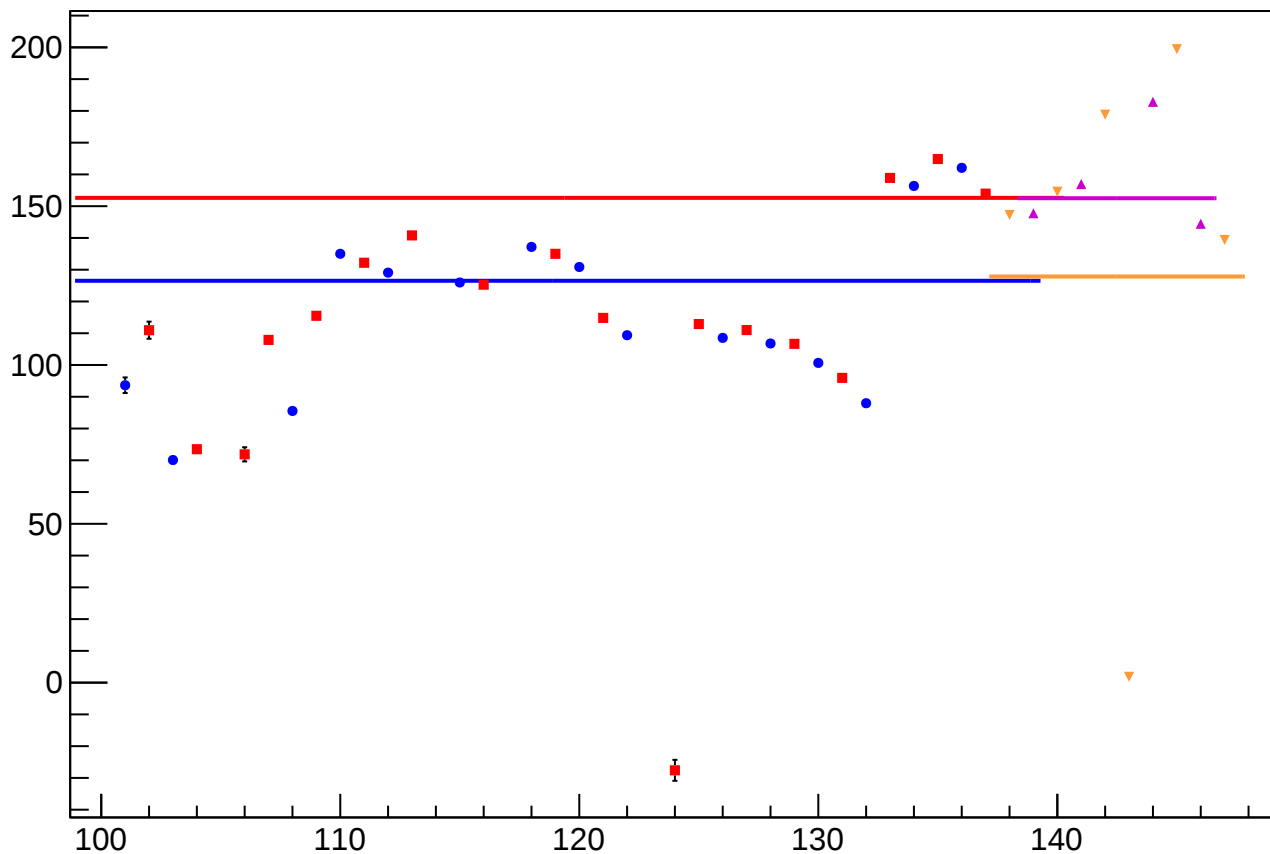
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: -7.423 ± 0.051 $\chi^2/\text{NDF}: 135816.6/18$

Out: -2.105 ± 0.051 $\chi^2/\text{NDF}: 58881.3/23$

All: -4.743 ± 0.036 $\chi^2/\text{NDF}: 200107.7/42$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.862 $\pm$ 0.079 χ^2 /NDF: 370035.4/5

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 152.502 $\pm$ 0.094 χ^2 /NDF: 10242.3/3

Left: 138.035 $\pm$ 0.060 χ^2 /NDF: 420613.0/9

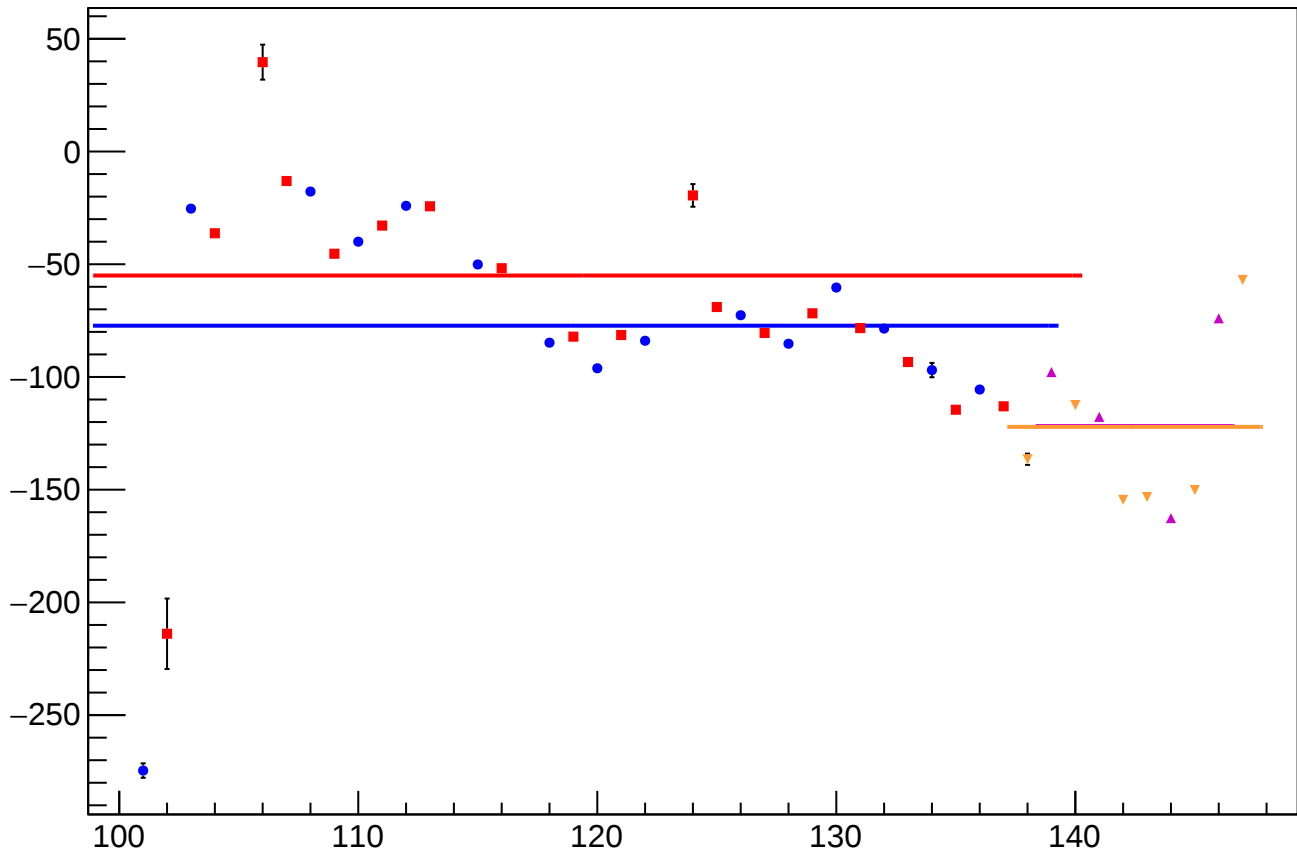
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 138.053 $\pm$ 0.063 χ^2 /NDF: 167692.8/18

Out: 149.423 $\pm$ 0.028 χ^2 /NDF: 529958.3/23

All: 147.493 $\pm$ 0.026 χ^2 /NDF: 725011.6/42

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -122.141 ± 0.255 $\chi^2/\text{NDF}: 17164.3/5$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -121.763 ± 0.237 $\chi^2/\text{NDF}: 12216.2/3$

Left: -121.938 ± 0.174 $\chi^2/\text{NDF}: 29381.7/9$

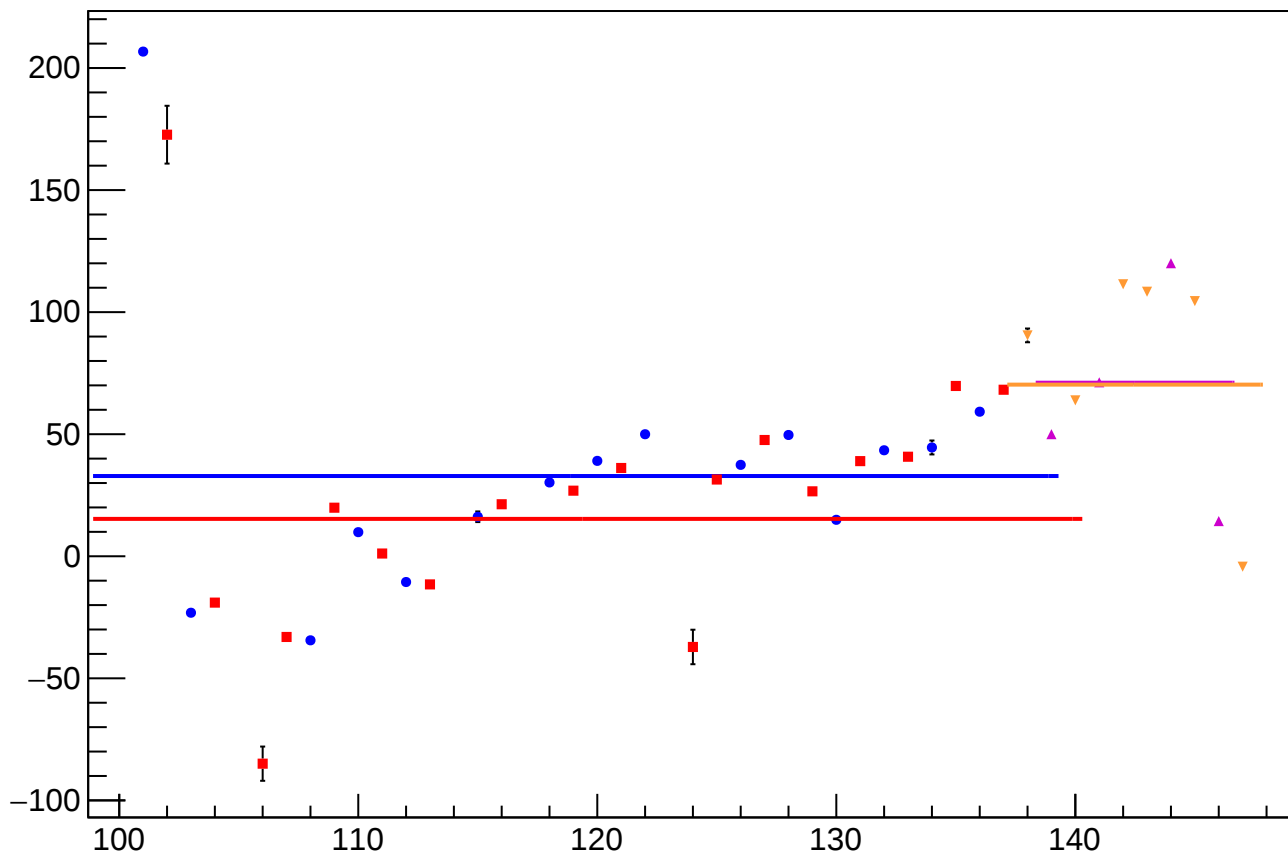
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -89.538 ± 0.125 $\chi^2/\text{NDF}: 68045.5/18$

Out: -78.971 ± 0.153 $\chi^2/\text{NDF}: 85239.5/23$

All: -85.309 ± 0.097 $\chi^2/\text{NDF}: 156162.1/42$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 70.309 ± 0.247 $\chi^2/\text{NDF}: 28691.2/5$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 71.096 ± 0.227 $\chi^2/\text{NDF}: 16177.4/3$

Left: 70.735 ± 0.167 $\chi^2/\text{NDF}: 44874.1/9$

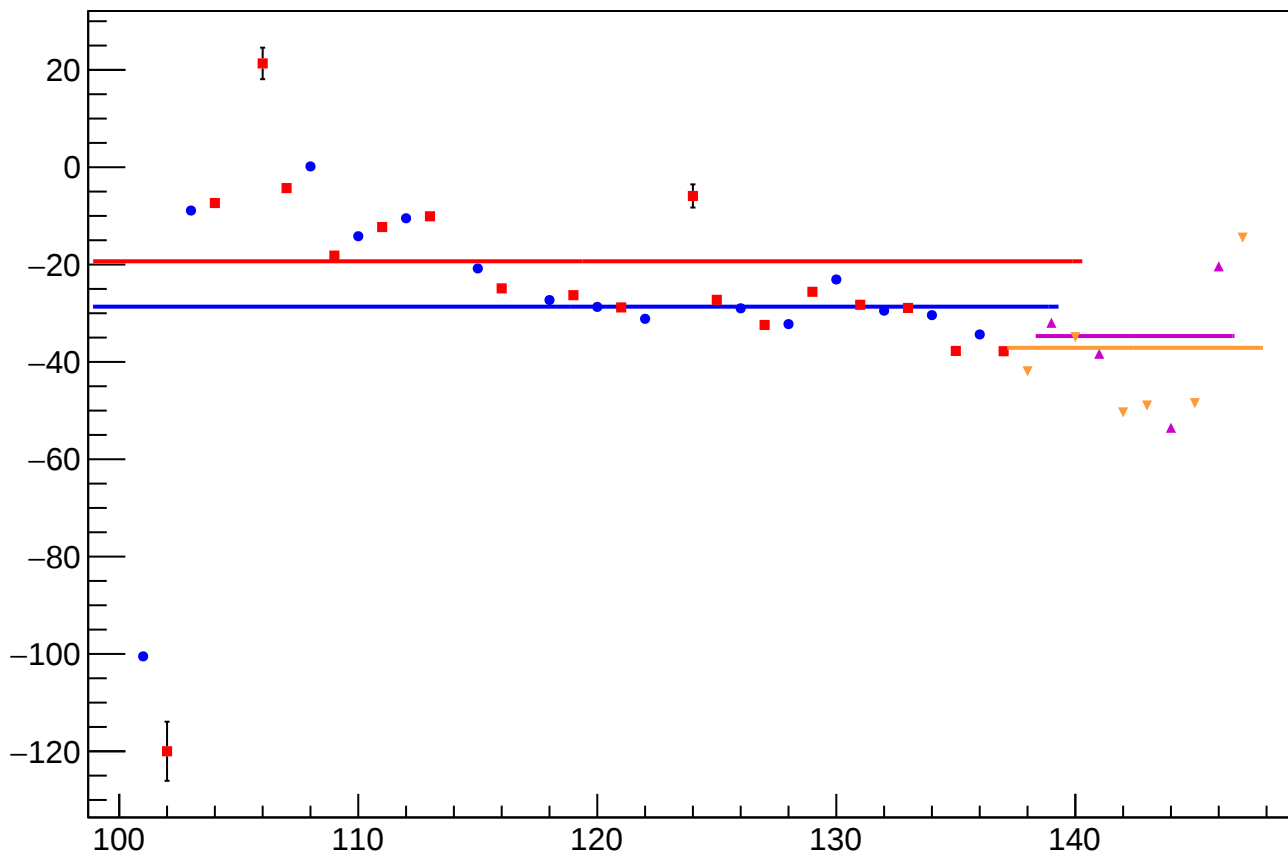
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 44.034 ± 0.123 $\chi^2/\text{NDF}: 67590.3/18$

Out: 38.331 ± 0.160 $\chi^2/\text{NDF}: 74241.0/23$

All: 41.917 ± 0.097 $\chi^2/\text{NDF}: 142631.2/42$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -37.103 ± 0.053 $\chi^2/\text{NDF}: 74043.0/5$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -34.684 ± 0.042 $\chi^2/\text{NDF}: 27744.3/3$

Left: -35.609 ± 0.033 $\chi^2/\text{NDF}: 103068.3/9$

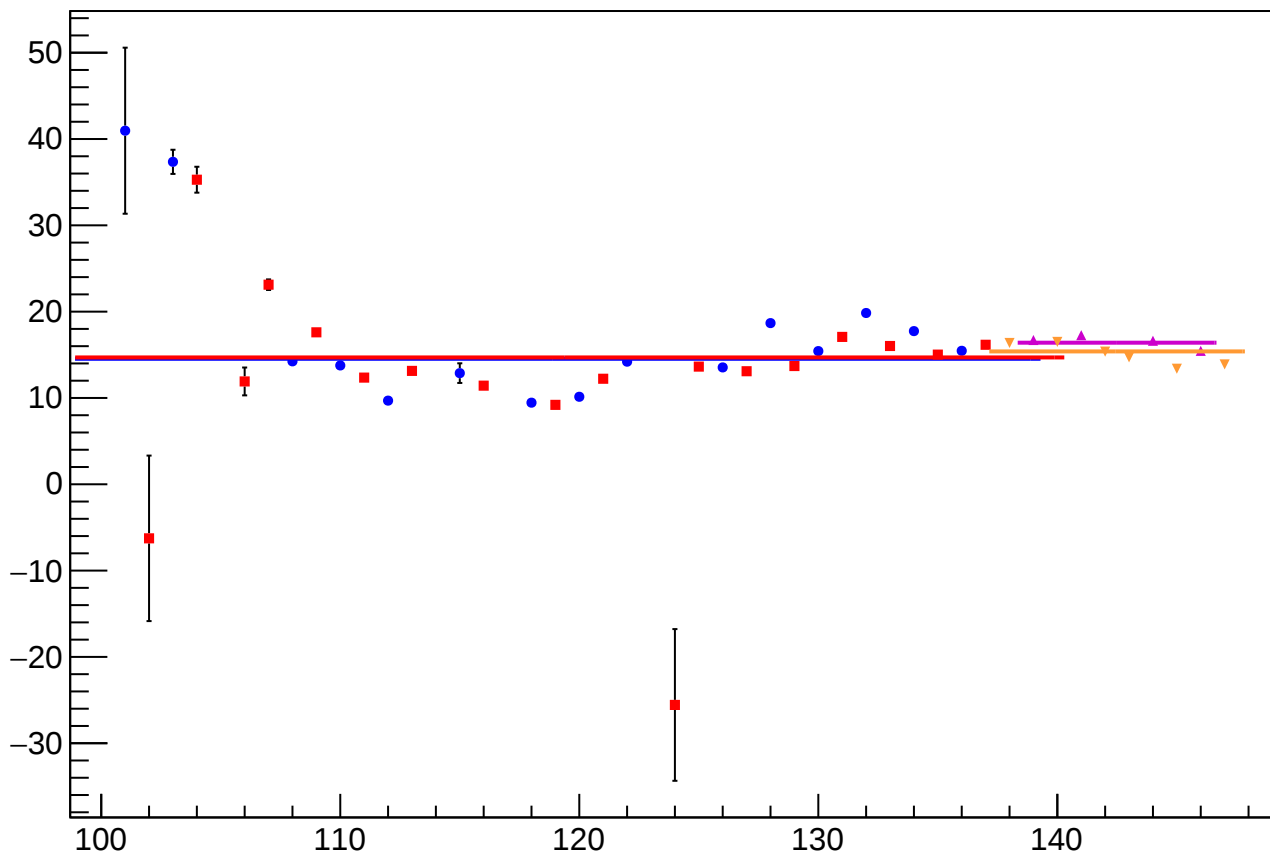
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -31.075 ± 0.026 $\chi^2/\text{NDF}: 153660.9/18$

Out: -25.628 ± 0.032 $\chi^2/\text{NDF}: 202979.4/23$

All: -28.827 ± 0.020 $\chi^2/\text{NDF}: 374073.1/42$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.392+/-0.033 χ^2/NDF :1209.7/5

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.403+/-0.033 χ^2/NDF :524.3/3

Left: 15.901+/-0.023 χ^2/NDF : 2200.2/9

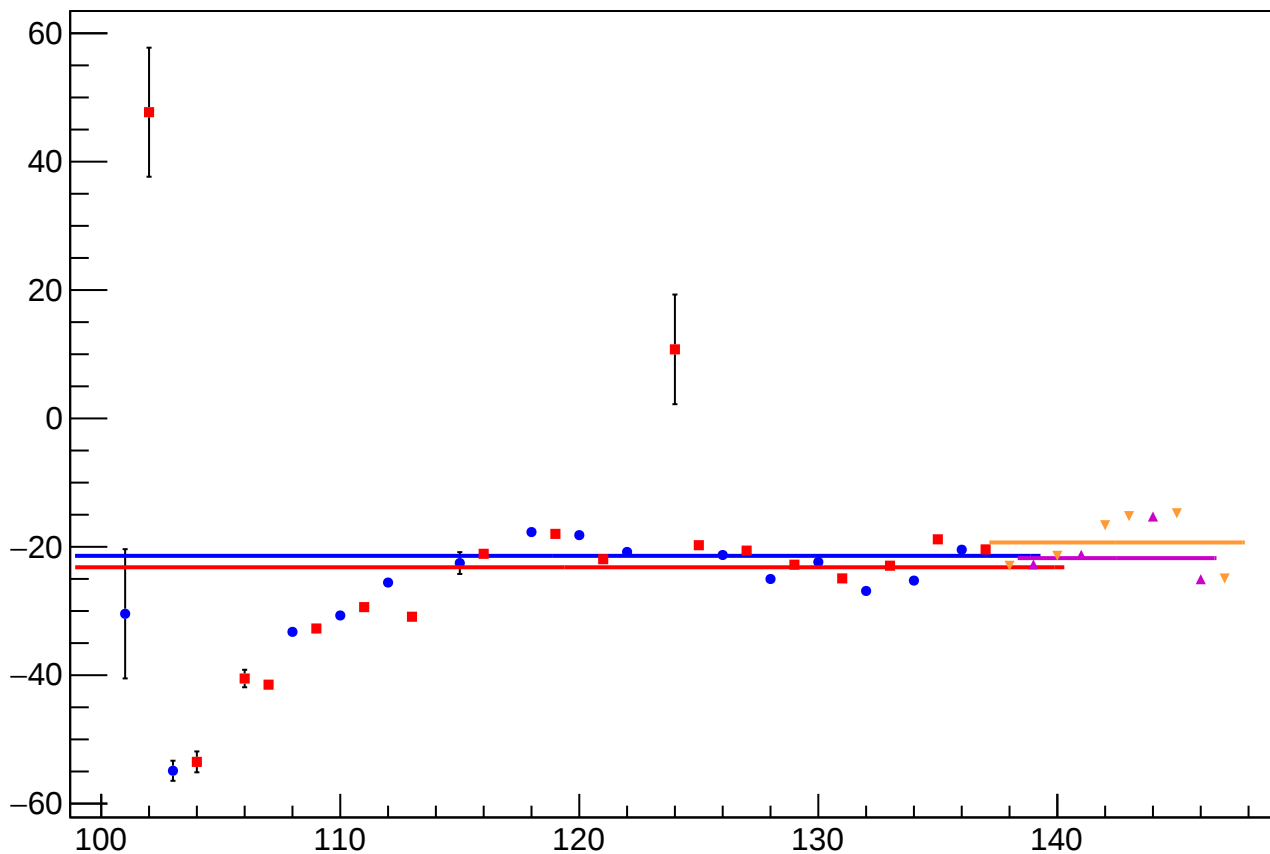
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.377+/-0.022 χ^2/NDF :14354.9/18

Out: 15.136+/-0.026 χ^2/NDF :3005.0/23

All: 15.278+/-0.017 χ^2/NDF : 17409.2/42

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 χ^2/NDF : 9686.6/14

Left Out: -19.321 ± 0.036 χ^2/NDF : 13048.4/5

Right Out: -23.186 ± 0.051 χ^2/NDF : 9126.8/17

Left In: -21.761 ± 0.054 χ^2/NDF : 3807.8/3

Left: -20.071 ± 0.030 χ^2/NDF : 18244.1/9

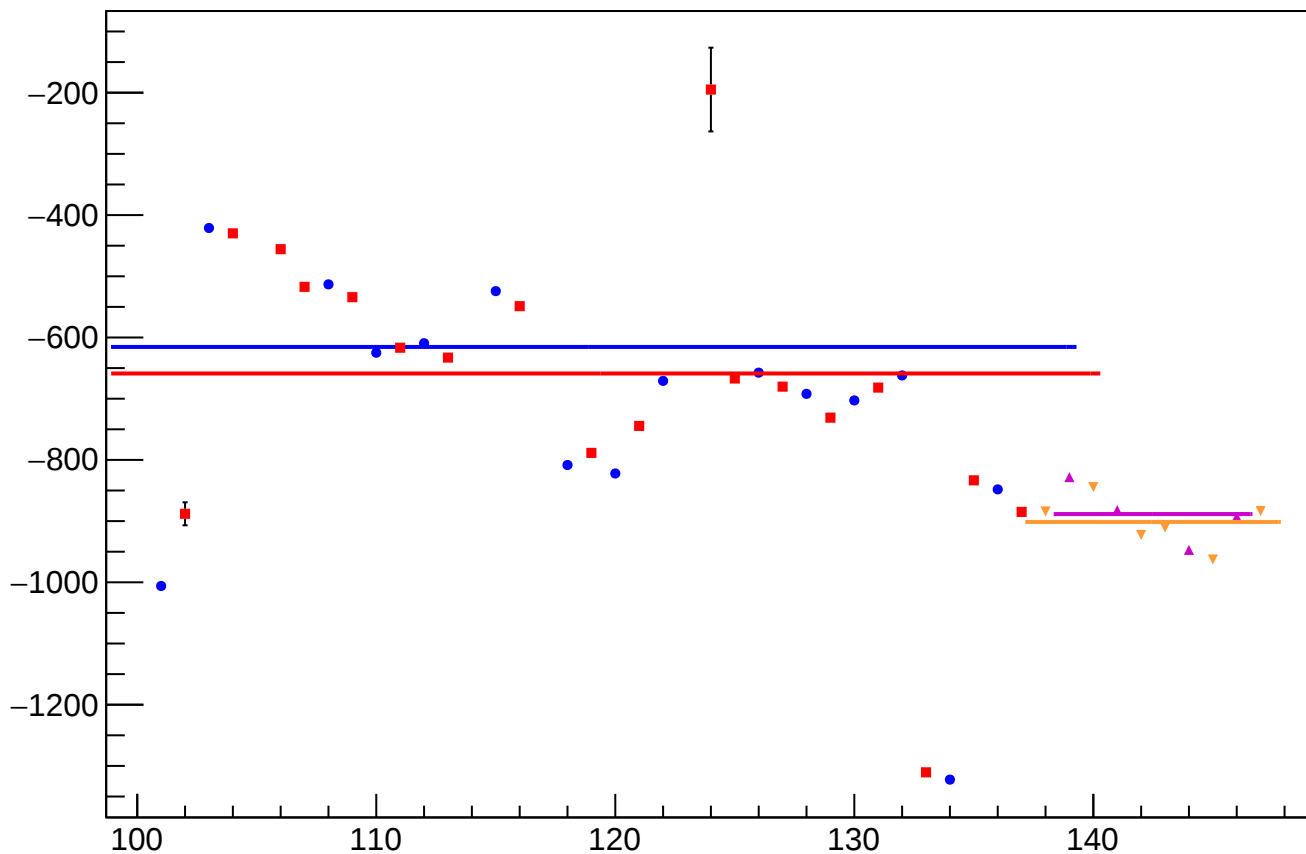
Right: -21.987 ± 0.029 χ^2/NDF : 19630.5/32

In: -21.512 ± 0.030 χ^2/NDF : 13524.1/18

Out: -20.618 ± 0.030 χ^2/NDF : 25975.2/23

All: -21.063 ± 0.021 χ^2/NDF : 39952.1/42

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -901.353+/-0.391 χ^2/NDF : 7666.5/5

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -888.476+/-0.402 χ^2/NDF : 7964.1/3

Left: -895.089+/-0.280 χ^2/NDF : 16157.4/9

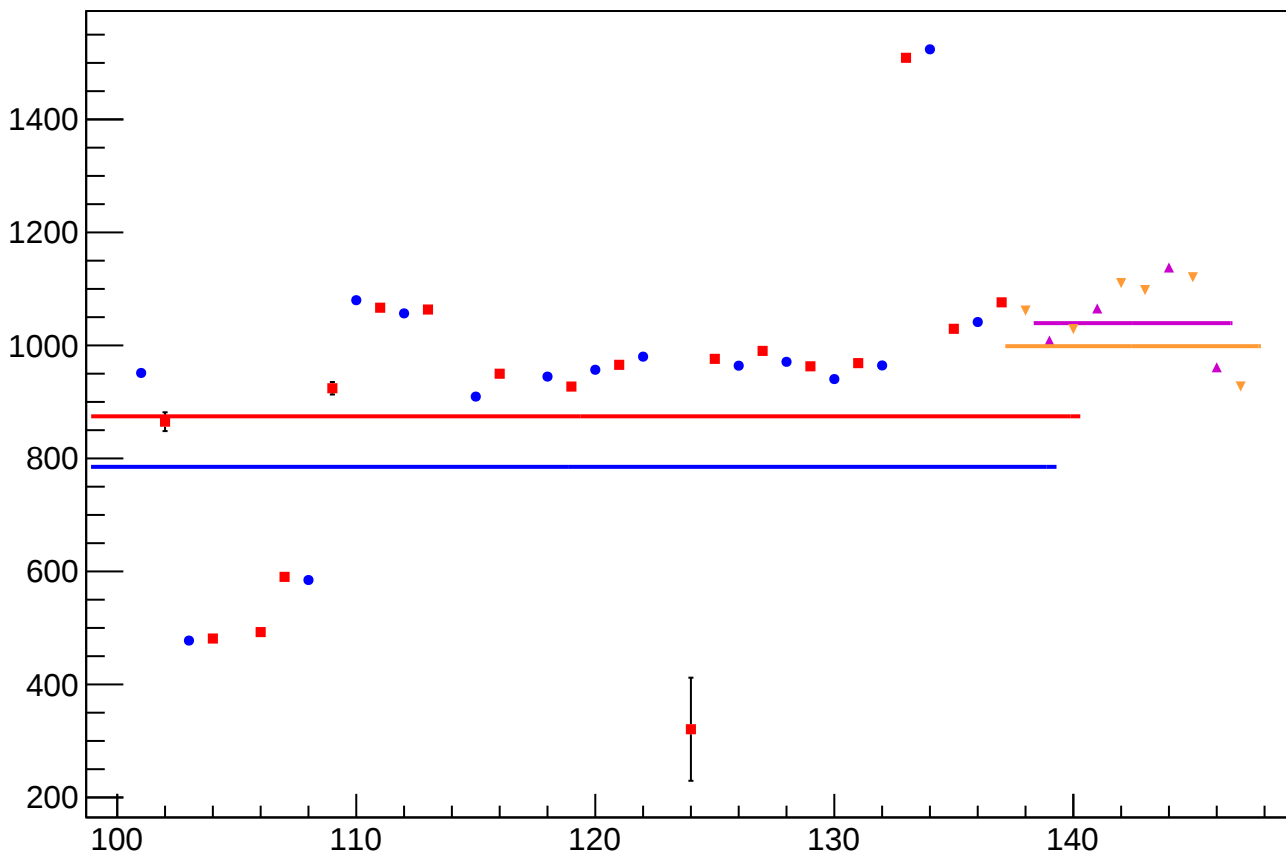
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -686.108+/-0.205 χ^2/NDF : 732686.6/18

Out: -731.613+/-0.214 χ^2/NDF : 661854.6/23

All: -707.791+/-0.148 χ^2/NDF : 1418124.5/42

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 998.651+/-0.394 χ^2/NDF : 41727.5/5

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 1039.454+/-0.442 χ^2/NDF : 19138.3/3

Left: 1016.756+/-0.294 χ^2/NDF : 65613.2/9

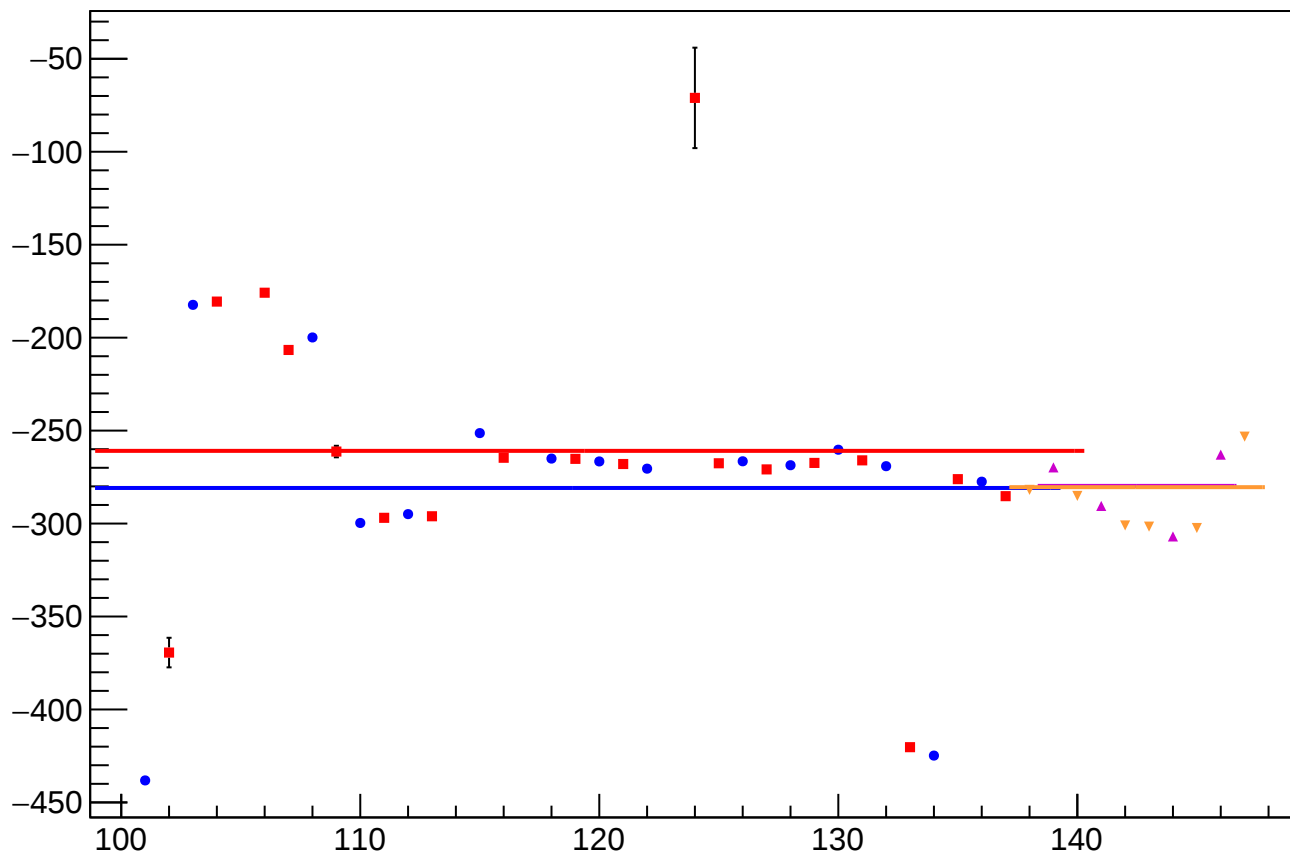
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 838.627+/-0.203 χ^2/NDF : 1167126.9/18

Out: 912.365+/-0.218 χ^2/NDF : 953127.2/23

All: 872.835+/-0.148 χ^2/NDF : 2181691.2/42

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -280.428+/-0.085 χ^2/NDF : 61401.3/5

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -279.738+/-0.063 χ^2/NDF : 42285.8/3

Left: -279.980+/-0.051 χ^2/NDF : 103729.4/9

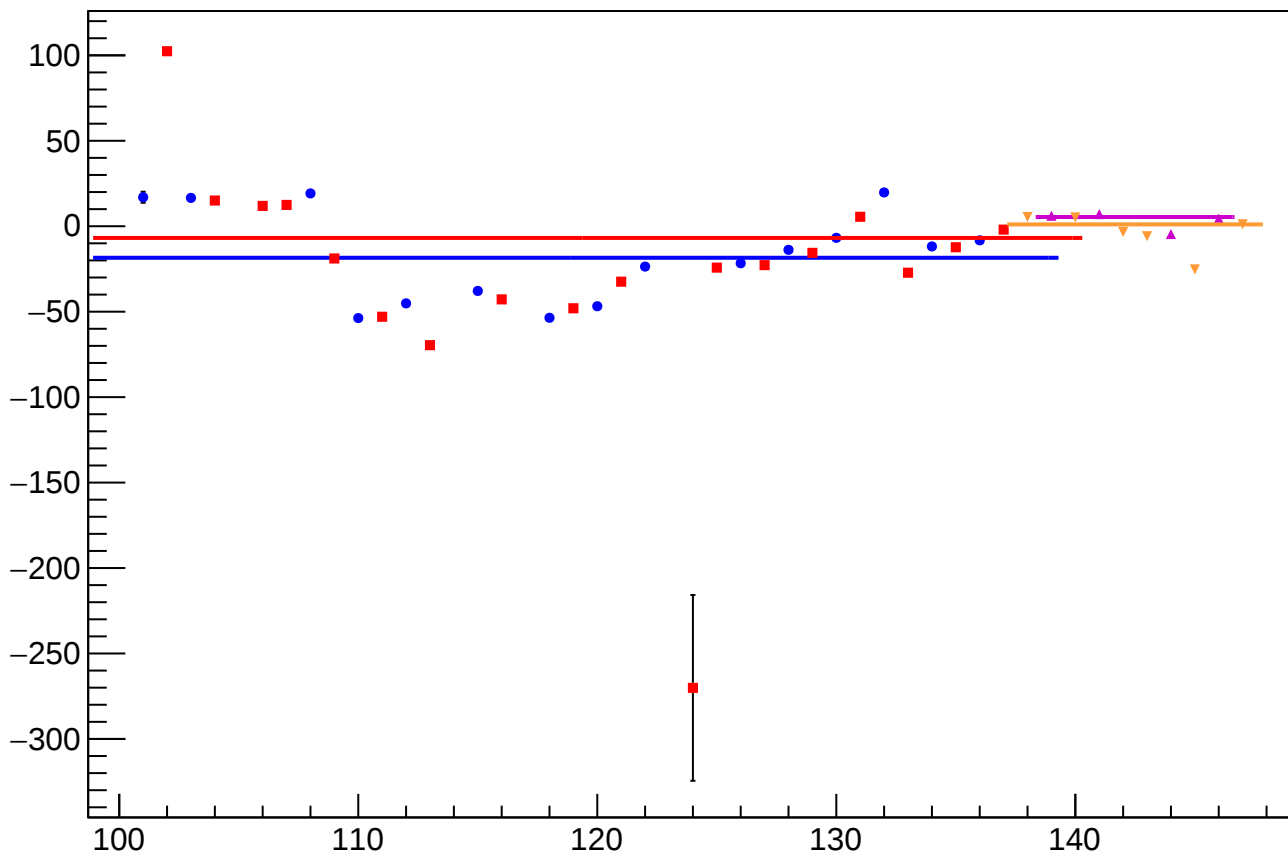
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -280.337+/-0.043 χ^2/NDF : 916066.1/18

Out: -268.409+/-0.053 χ^2/NDF : 441266.4/23

All: -275.621+/-0.033 χ^2/NDF : 1387960.6/42

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 χ^2/NDF : 46574.6/14

Left Out: 1.068 ± 0.065 χ^2/NDF : 5415.8/5

Right Out: -6.843 ± 0.065 χ^2/NDF : 50023.0/17

Left In: 5.394 ± 0.075 χ^2/NDF : 1653.9/3

Left: 2.904 ± 0.049 χ^2/NDF : 8962.2/9

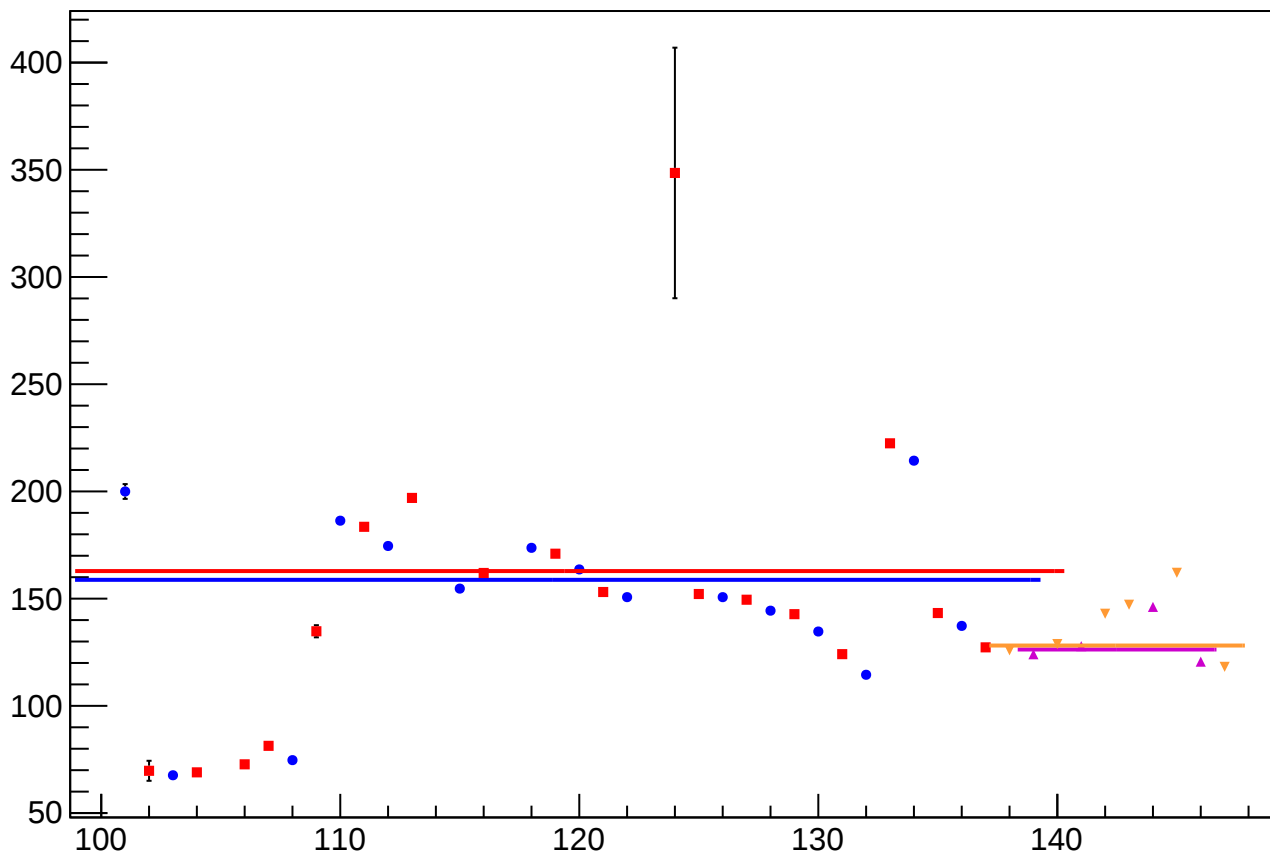
Right: -10.715 ± 0.053 χ^2/NDF : 107378.5/32

In: -4.285 ± 0.058 χ^2/NDF : 88780.7/18

Out: -2.901 ± 0.046 χ^2/NDF : 62917.7/23

All: -3.430 ± 0.036 χ^2/NDF : 152048.4/42

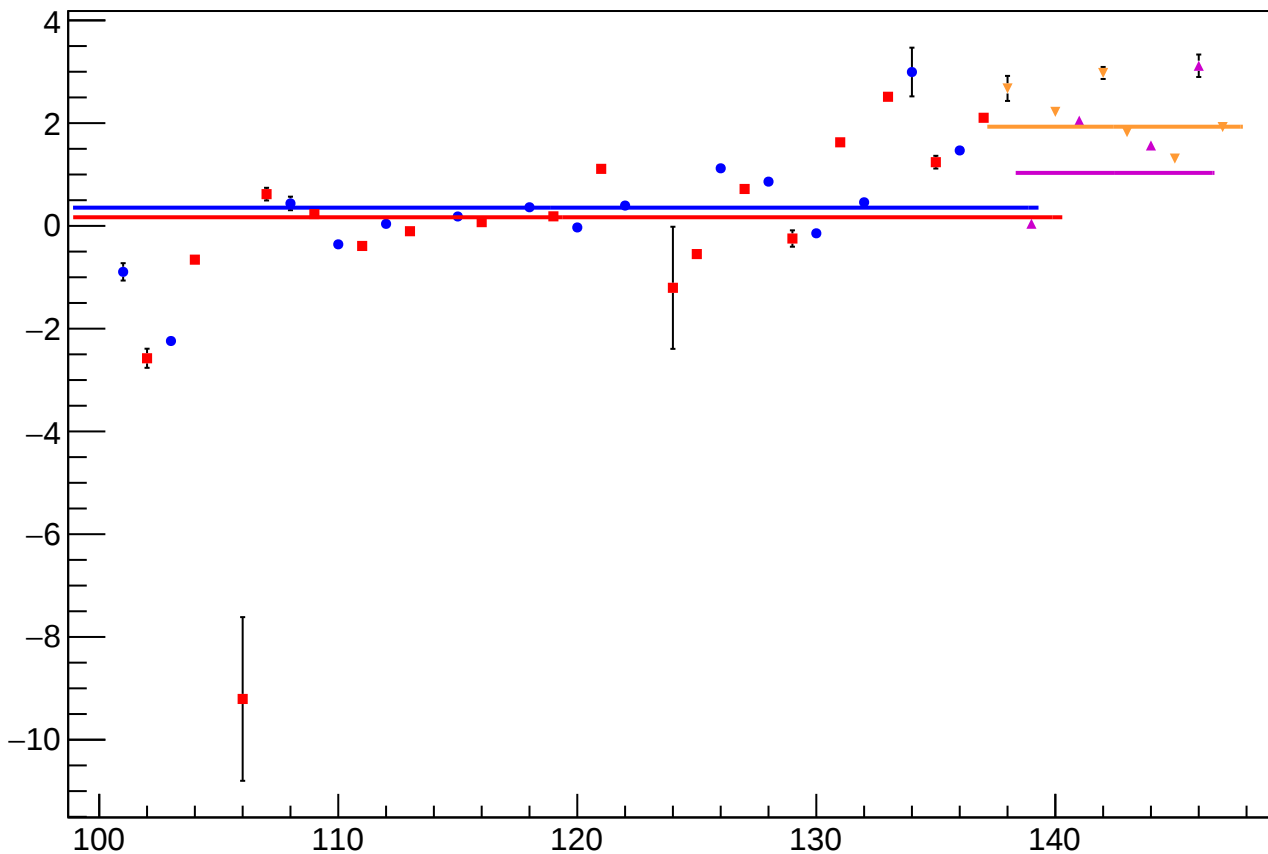
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 128.131 ± 0.082 χ^2/NDF : 23371.0/5
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 126.279 ± 0.081 χ^2/NDF : 6822.4/3

Left: 127.194 ± 0.058 χ^2/NDF : 30452.7/9
 Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32
 In: 141.092 ± 0.060 χ^2/NDF : 239502.6/18
 Out: 143.237 ± 0.062 χ^2/NDF : 257863.3/23
 All: 142.131 ± 0.043 χ^2/NDF : 497992.8/42

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.930 ± 0.023 $\chi^2/\text{NDF}: 244.0/5$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.032 ± 0.019 $\chi^2/\text{NDF}: 2107.8/3$

Left: 1.397 ± 0.015 $\chi^2/\text{NDF}: 3231.8/9$

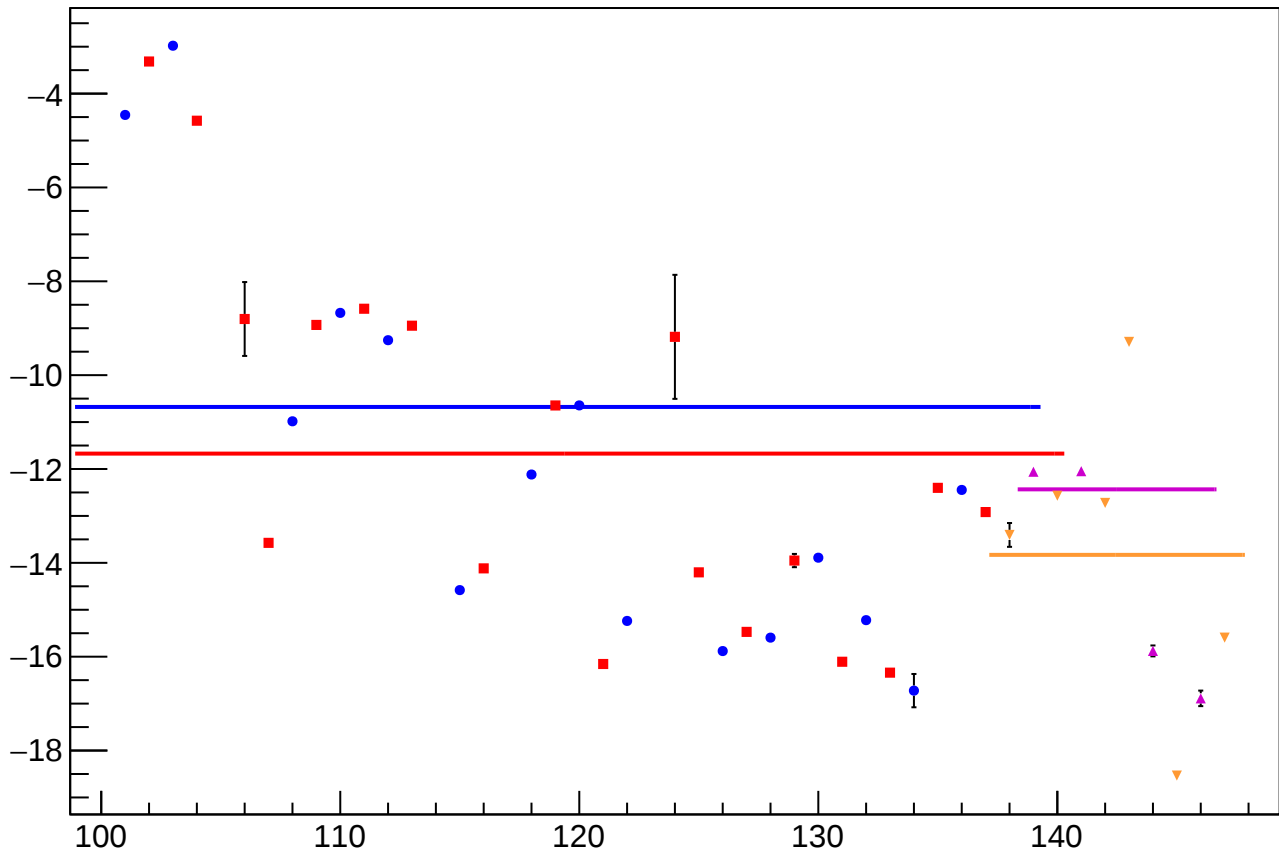
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.538 ± 0.010 $\chi^2/\text{NDF}: 7014.4/18$

Out: 0.339 ± 0.007 $\chi^2/\text{NDF}: 9980.4/23$

All: 0.407 ± 0.006 $\chi^2/\text{NDF}: 17253.6/42$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -13.830 ± 0.019 $\chi^2/\text{NDF}: 25271.0/5$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -12.434 ± 0.029 $\chi^2/\text{NDF}: 1761.9/3$

Left: -13.404 ± 0.016 $\chi^2/\text{NDF}: 28647.4/9$

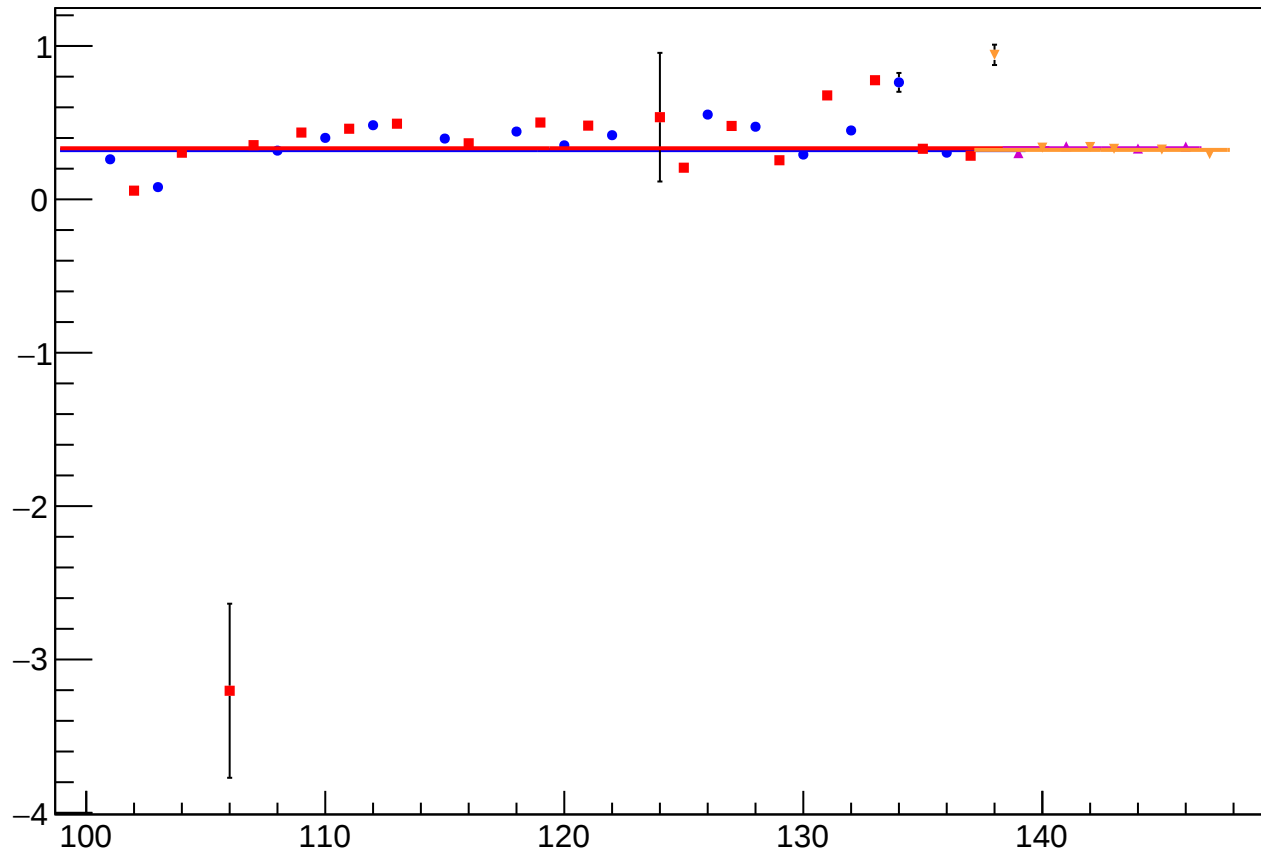
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.874 ± 0.010 $\chi^2/\text{NDF}: 231818.0/18$

Out: -12.252 ± 0.010 $\chi^2/\text{NDF}: 142359.8/23$

All: -11.545 ± 0.007 $\chi^2/\text{NDF}: 384028.2/42$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.322 $\pm$ 0.001 χ^2 /NDF:1218.7/5

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.333 $\pm$ 0.001 χ^2 /NDF:270.4/3

Left: 0.326 $\pm$ 0.000 χ^2 /NDF: 1621.8/9

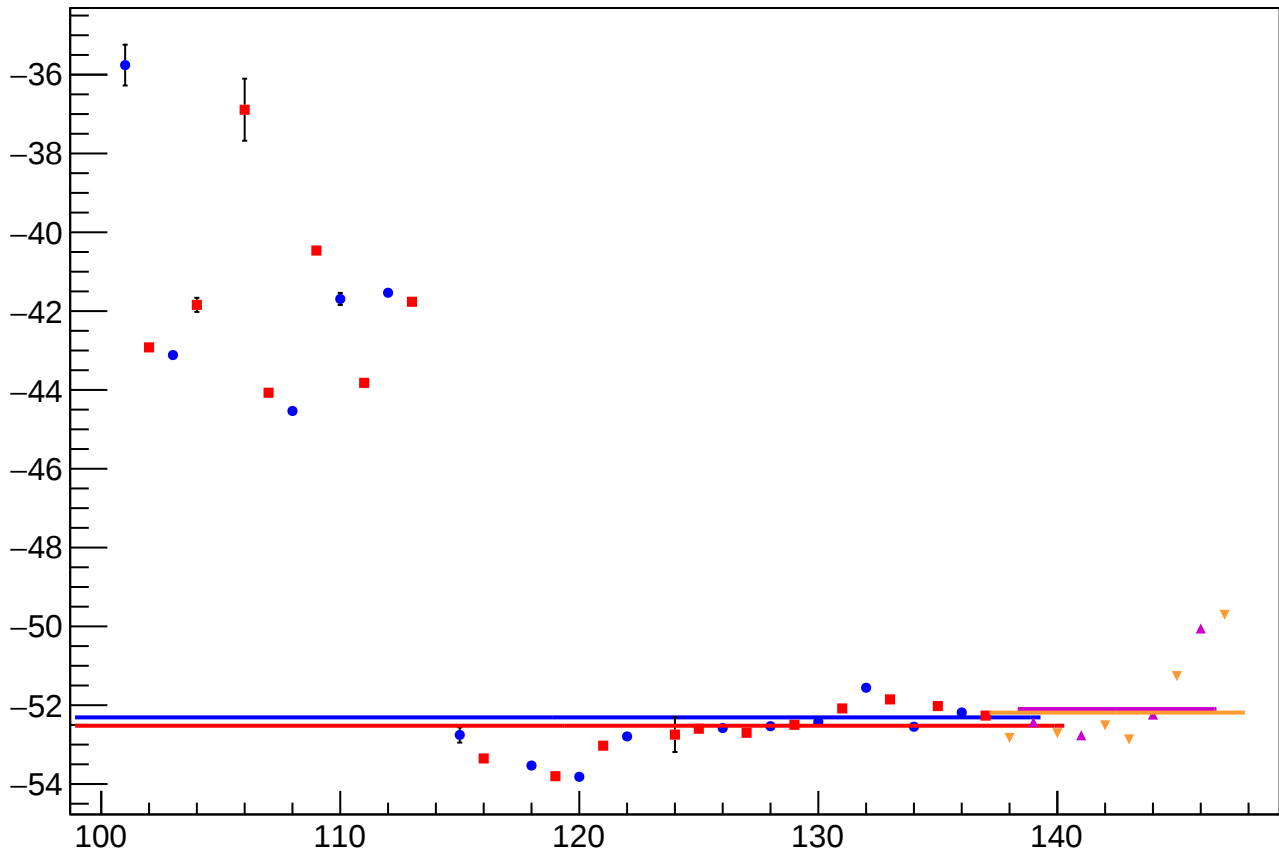
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:4392.5/18

Out: 0.324 $\pm$ 0.001 χ^2 /NDF:5448.3/23

All: 0.326 $\pm$ 0.000 χ^2 /NDF: 9870.8/42

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.188 $\pm$ 0.005 χ^2 /NDF: 59736.7/5

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -52.097 $\pm$ 0.006 χ^2 /NDF: 31476.3/3

Left: -52.149 $\pm$ 0.004 χ^2 /NDF: 91354.2/9

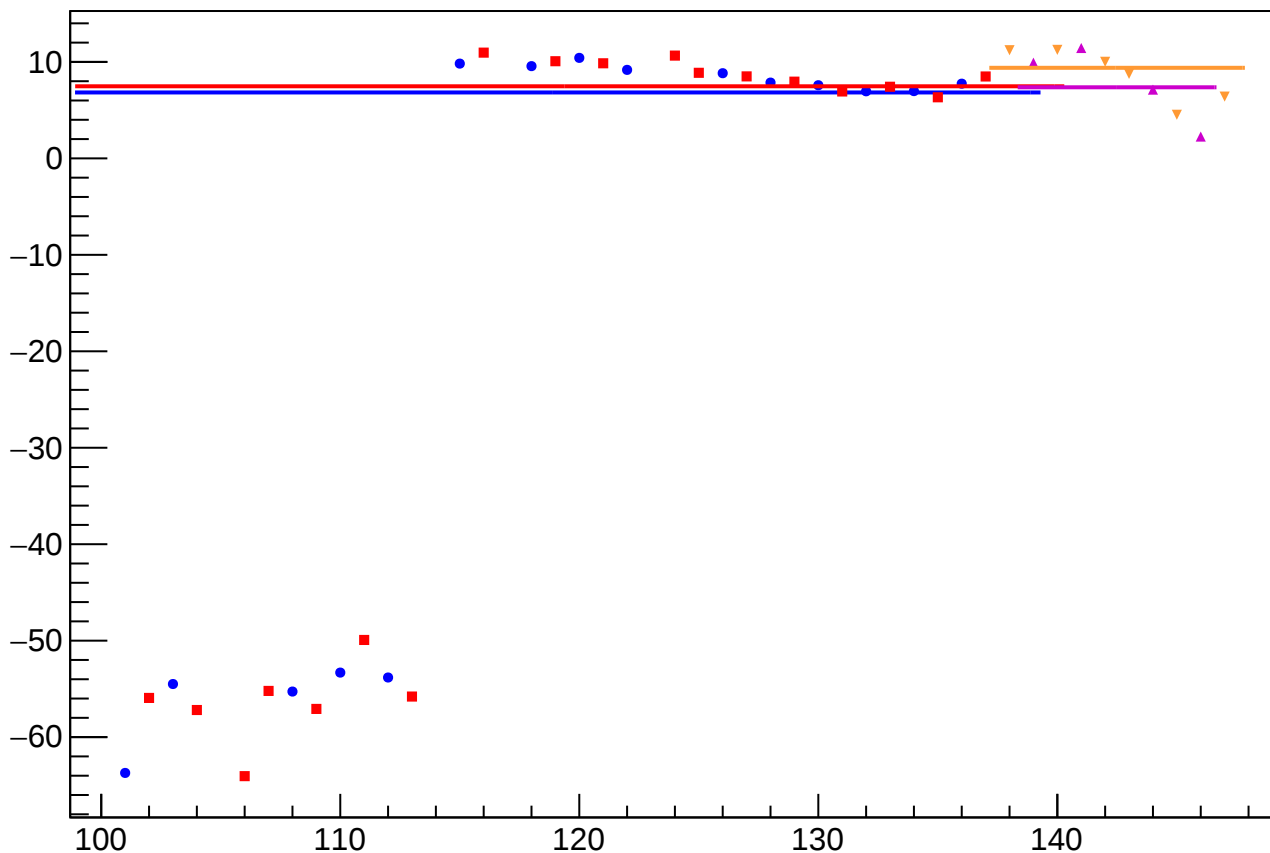
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.230 $\pm$ 0.003 χ^2 /NDF: 85791.2/18

Out: -52.367 $\pm$ 0.003 χ^2 /NDF: 138764.0/23

All: -52.301 $\pm$ 0.002 χ^2 /NDF: 225349.8/42

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 9.389 $\pm$ 0.012 χ^2 /NDF:32464.9/5

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.369 $\pm$ 0.015 χ^2 /NDF:72718.9/3

Left: 8.564 $\pm$ 0.009 χ^2 /NDF: 116656.8/9

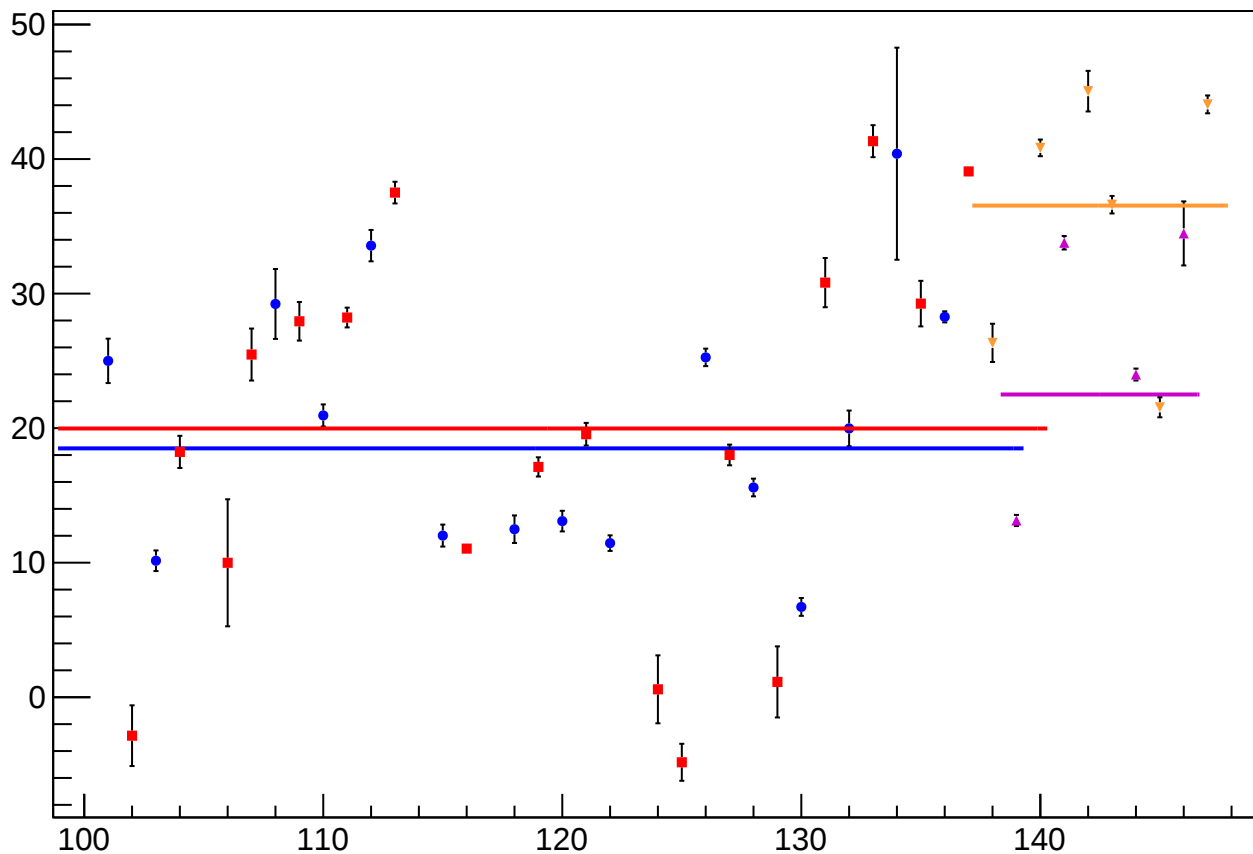
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 6.892 $\pm$ 0.005 χ^2 /NDF:1064510.4/18

Out: 8.188 $\pm$ 0.007 χ^2 /NDF:1243793.6/23

All: 7.276 $\pm$ 0.004 χ^2 /NDF: 2330098.5/42

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.542 $\pm$ 0.317 χ^2/NDF :665.9/5

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 22.502 $\pm$ 0.258 χ^2/NDF :1054.4/3

Left: 28.100 $\pm$ 0.200 χ^2/NDF : 2903.3/9

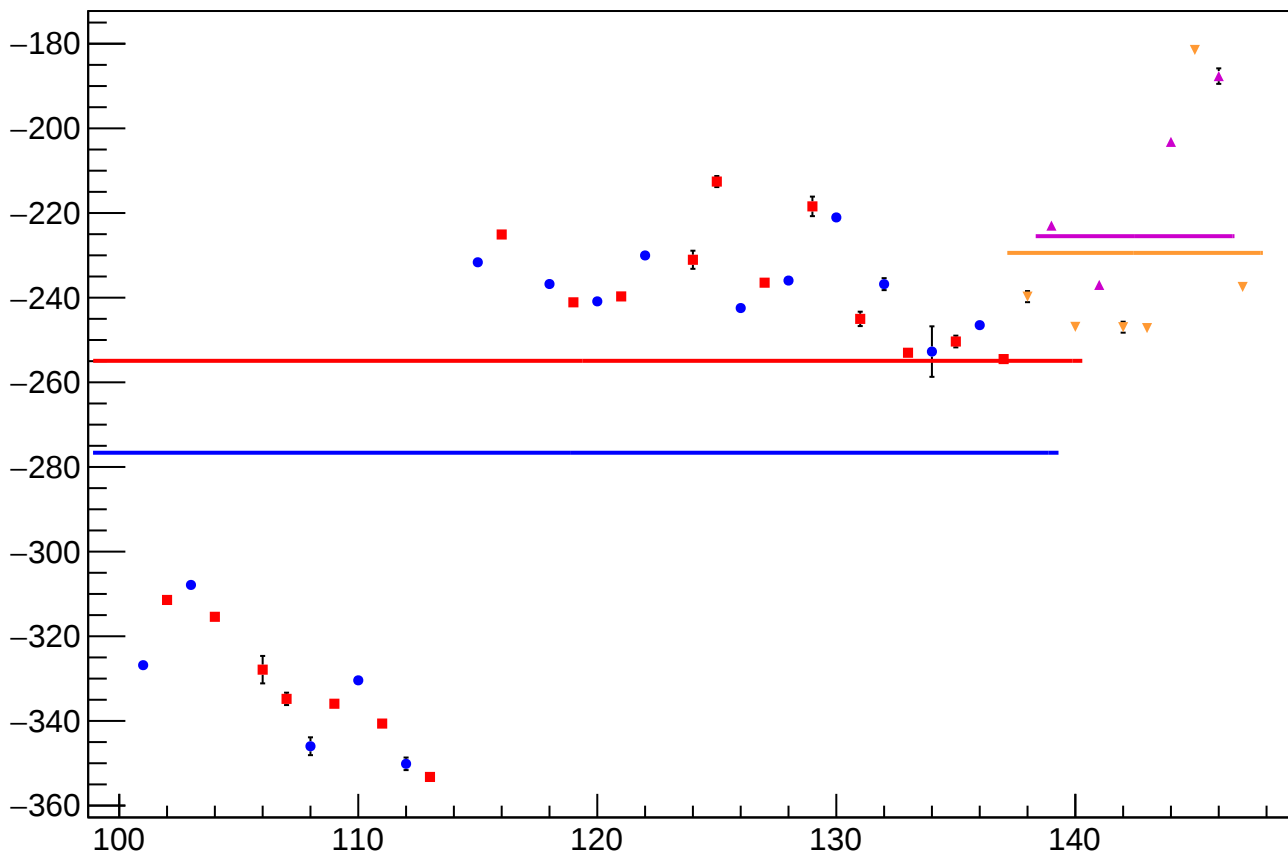
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 20.002 $\pm$ 0.158 χ^2/NDF :2841.8/18

Out: 22.371 $\pm$ 0.120 χ^2/NDF :12210.6/23

All: 21.501 $\pm$ 0.096 χ^2/NDF : 15194.5/42

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -229.420 ± 0.258 $\chi^2/\text{NDF}: 10501.5/5$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -225.471 ± 0.253 $\chi^2/\text{NDF}: 2114.6/3$

Left: -227.412 ± 0.181 $\chi^2/\text{NDF}: 12735.6/9$

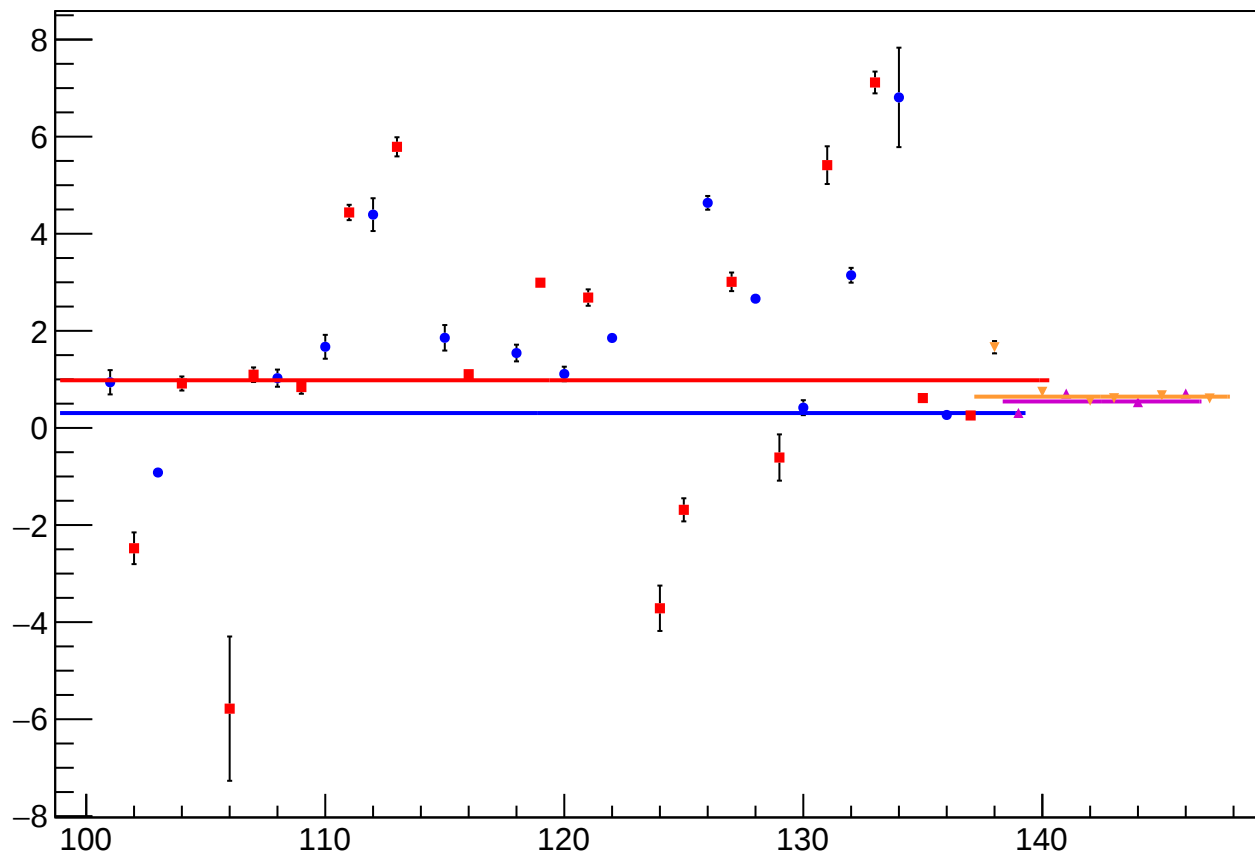
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -263.668 ± 0.127 $\chi^2/\text{NDF}: 109712.6/18$

Out: -253.109 ± 0.069 $\chi^2/\text{NDF}: 91557.8/23$

All: -255.482 ± 0.060 $\chi^2/\text{NDF}: 206589.2/42$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.645 ± 0.004 χ^2/NDF : 257.6/5

Right Out: 0.982 ± 0.015 χ^2/NDF : 3374.7/17

Left In: 0.545 ± 0.004 χ^2/NDF : 1604.6/3

Left: 0.592 ± 0.003 χ^2/NDF : 2136.1/9

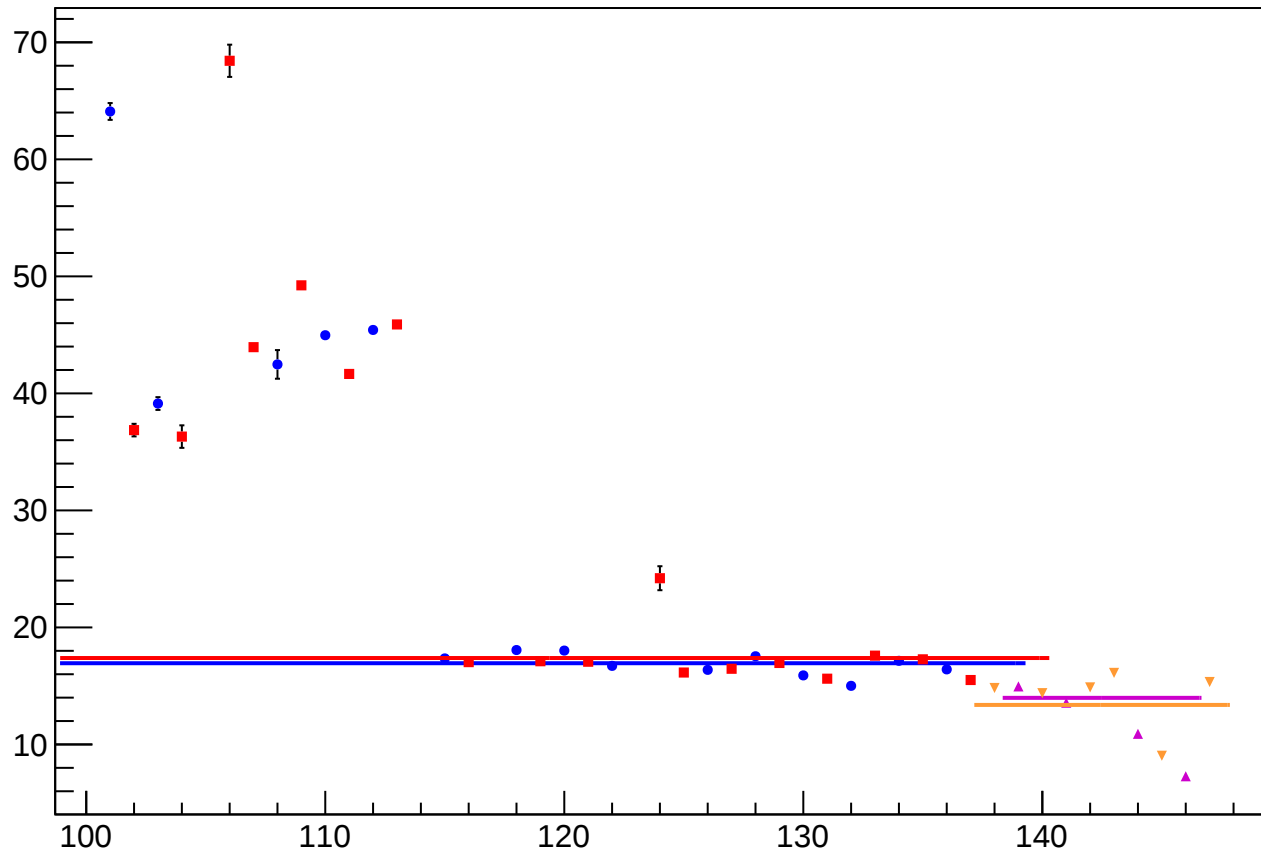
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.479 ± 0.004 χ^2/NDF : 5322.5/18

Out: 0.672 ± 0.004 χ^2/NDF : 4117.1/23

All: 0.558 ± 0.003 χ^2/NDF : 10695.3/42

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.377 ± 0.014 $\chi^2/\text{NDF}: 41252.8/5$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 13.982 ± 0.025 $\chi^2/\text{NDF}: 4708.8/3$

Left: 13.529 ± 0.012 $\chi^2/\text{NDF}: 46406.3/9$

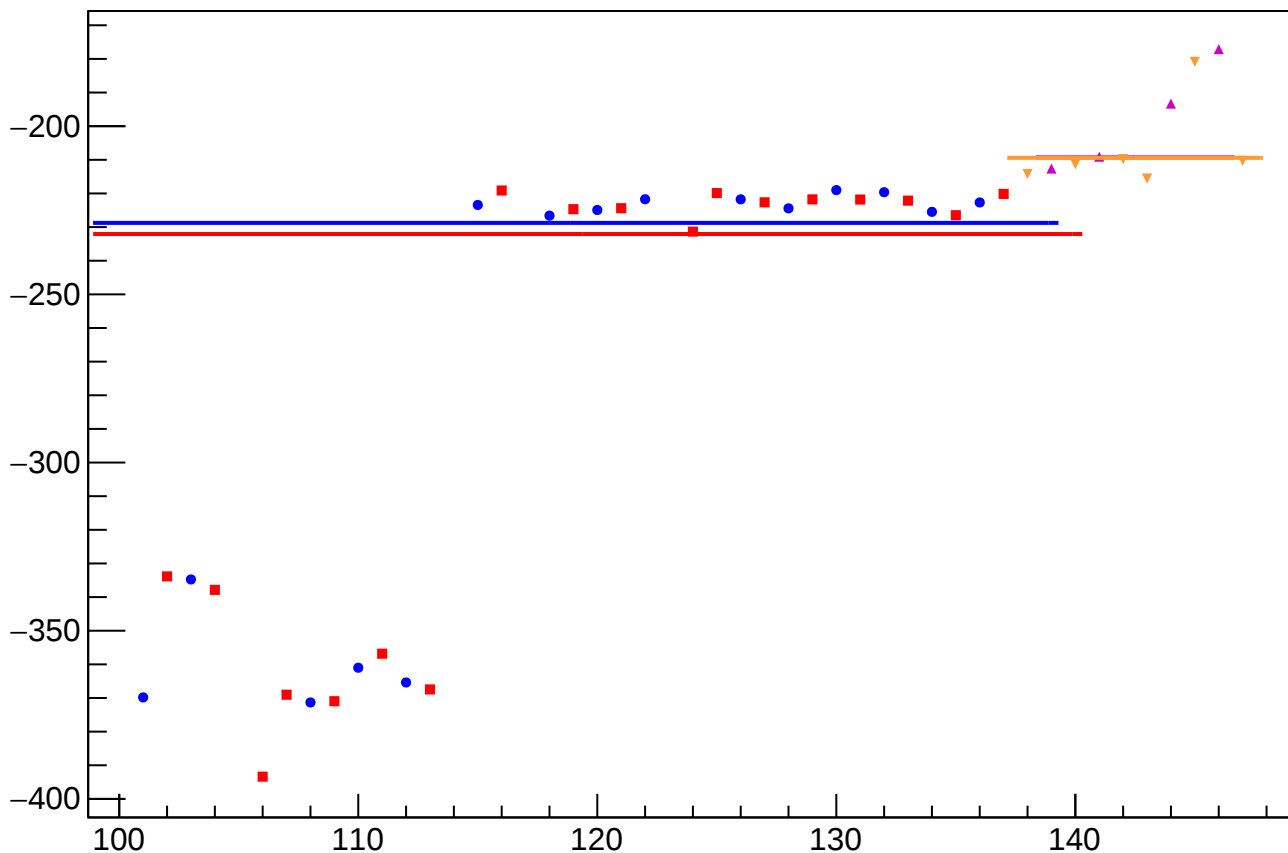
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.314 ± 0.011 $\chi^2/\text{NDF}: 44929.7/18$

Out: 14.982 ± 0.011 $\chi^2/\text{NDF}: 133510.0/23$

All: 15.631 ± 0.008 $\chi^2/\text{NDF}: 185411.5/42$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -209.408 ± 0.035 $\chi^2/\text{NDF}: 64965.5/5$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -209.262 ± 0.044 $\chi^2/\text{NDF}: 8959.2/3$

Left: -209.351 ± 0.028 $\chi^2/\text{NDF}: 73931.3/9$

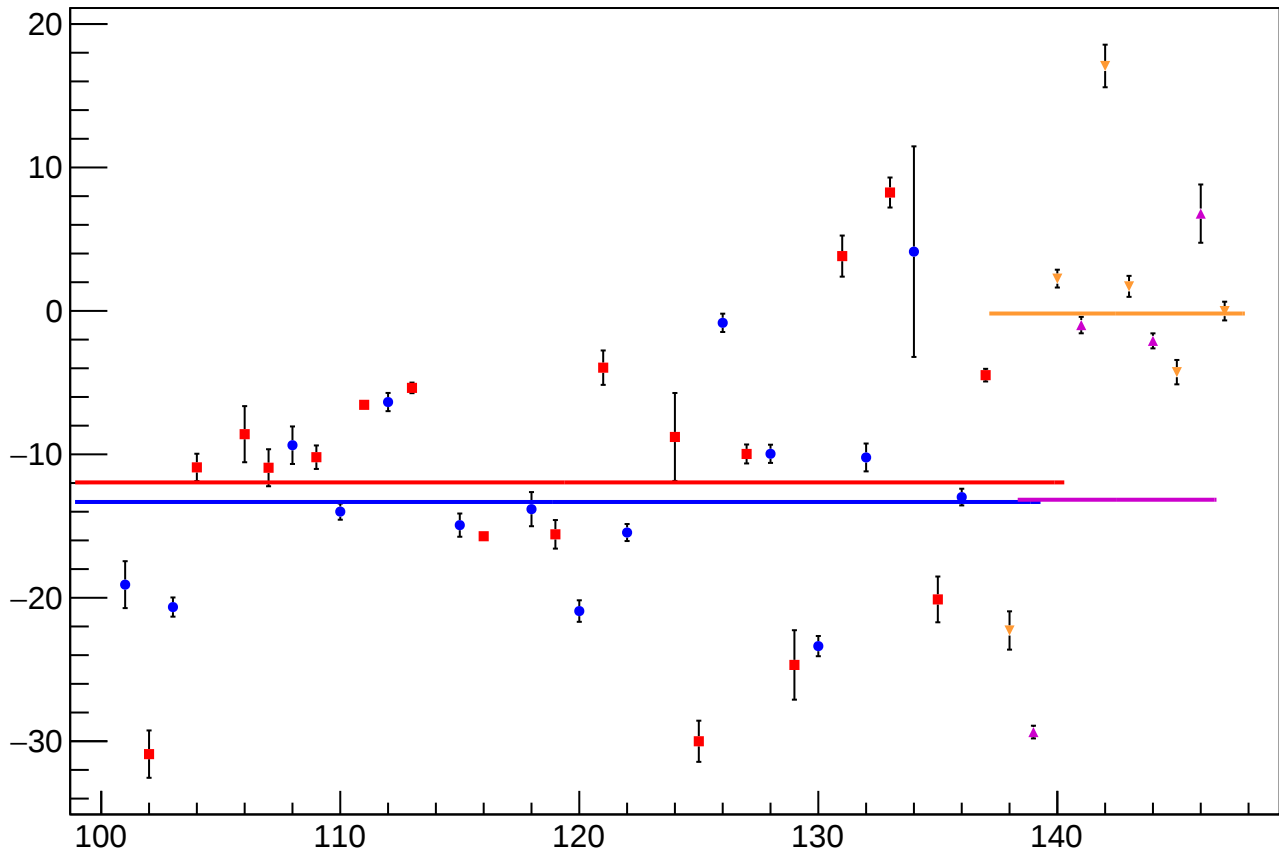
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.290 ± 0.027 $\chi^2/\text{NDF}: 787346.2/18$

Out: -218.969 ± 0.027 $\chi^2/\text{NDF}: 1030288.4/23$

All: -220.112 ± 0.019 $\chi^2/\text{NDF}: 1821318.3/42$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -0.182 ± 0.330 $\chi^2/\text{NDF}: 454.2/5$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -13.165 ± 0.288 $\chi^2/\text{NDF}: 2328.7/3$

Left: -7.535 ± 0.217 $\chi^2/\text{NDF}: 3661.1/9$

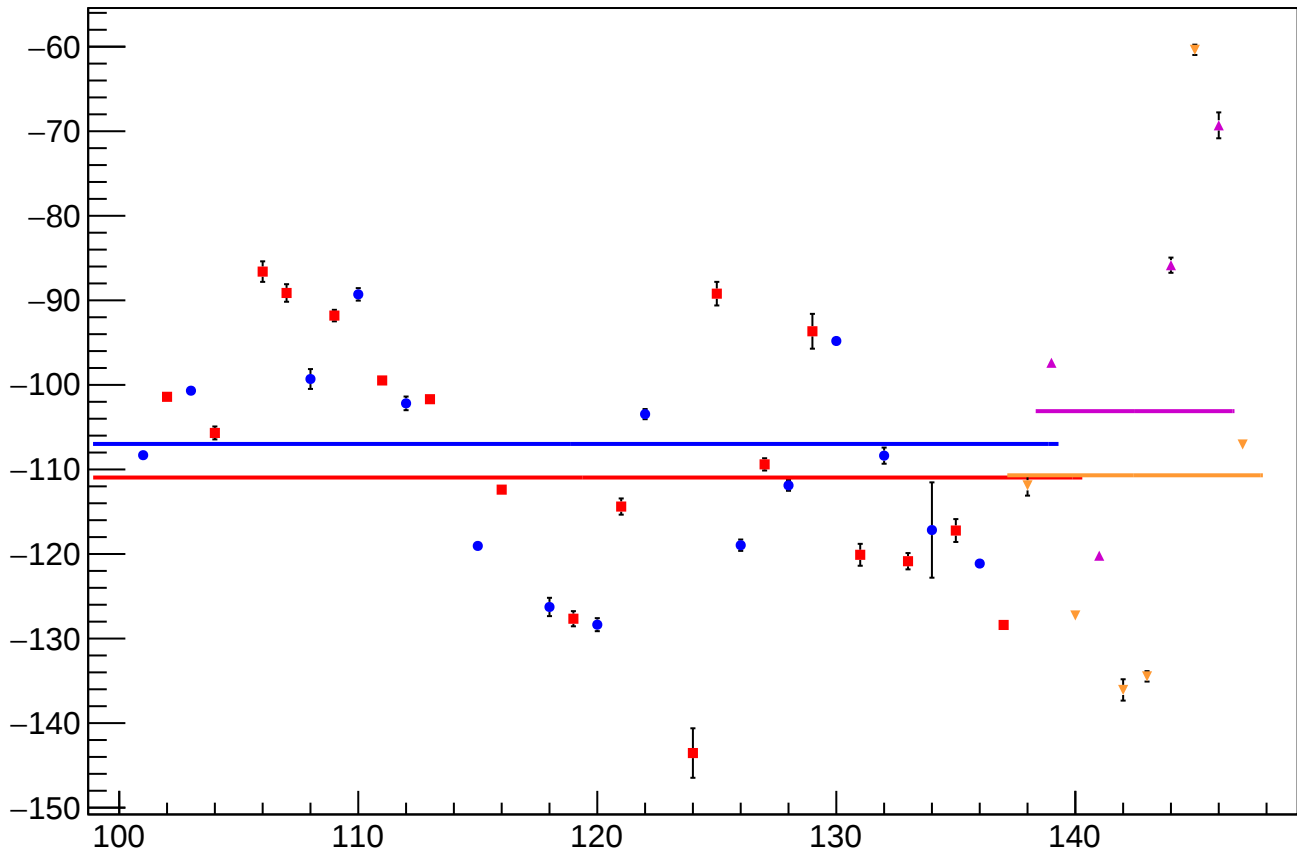
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.272 ± 0.161 $\chi^2/\text{NDF}: 3341.9/18$

Out: -10.727 ± 0.107 $\chi^2/\text{NDF}: 4083.5/23$

All: -11.503 ± 0.089 $\chi^2/\text{NDF}: 7599.6/42$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -110.691 ± 0.263 $\chi^2/\text{NDF}: 9928.6/5$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -103.105 ± 0.264 $\chi^2/\text{NDF}: 2499.4/3$

Left: -106.915 ± 0.187 $\chi^2/\text{NDF}: 12841.6/9$

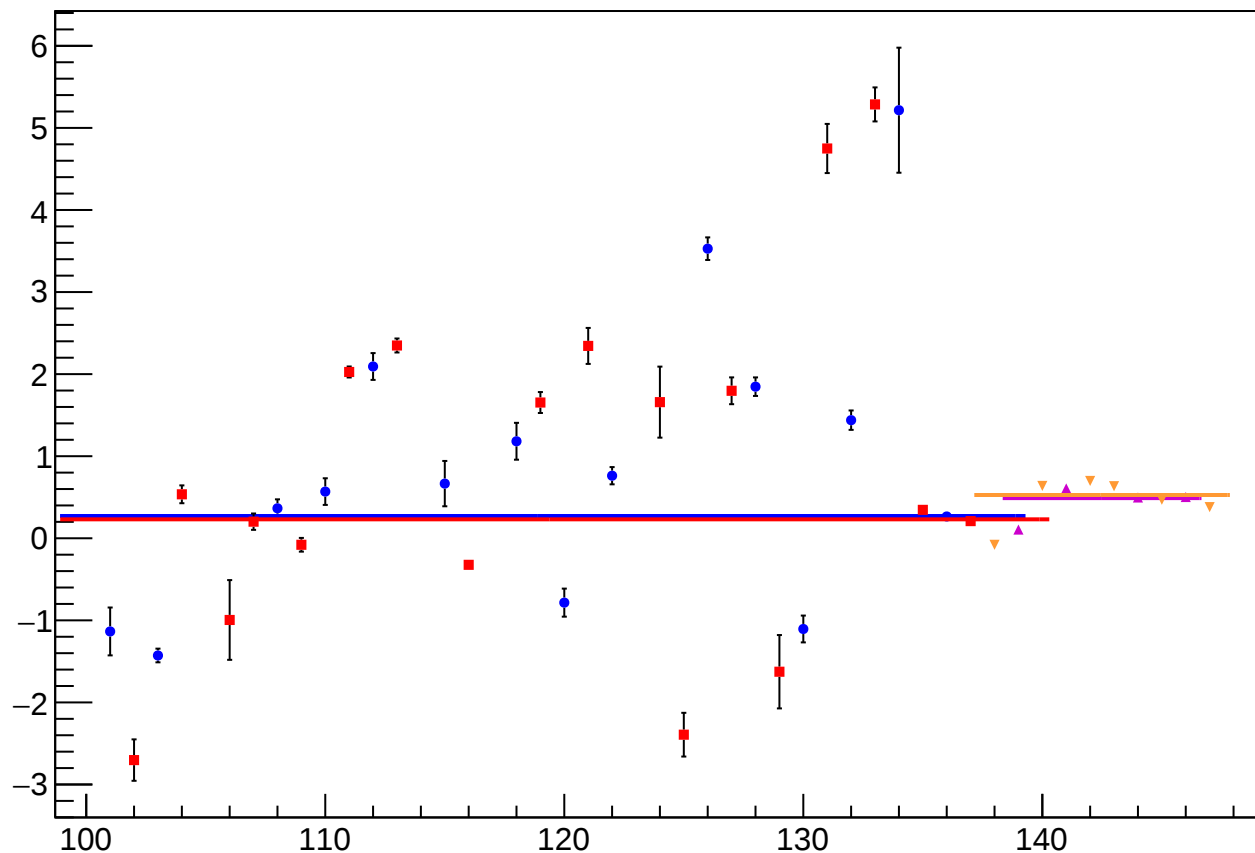
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -106.410 ± 0.102 $\chi^2/\text{NDF}: 7341.1/18$

Out: -110.945 ± 0.049 $\chi^2/\text{NDF}: 20604.5/23$

All: -110.081 ± 0.044 $\chi^2/\text{NDF}: 29559.2/42$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.527 ± 0.005 $\chi^2/\text{NDF}: 1297.2/5$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.489 ± 0.004 $\chi^2/\text{NDF}: 2396.6/3$

Left: 0.502 ± 0.003 $\chi^2/\text{NDF}: 3731.1/9$

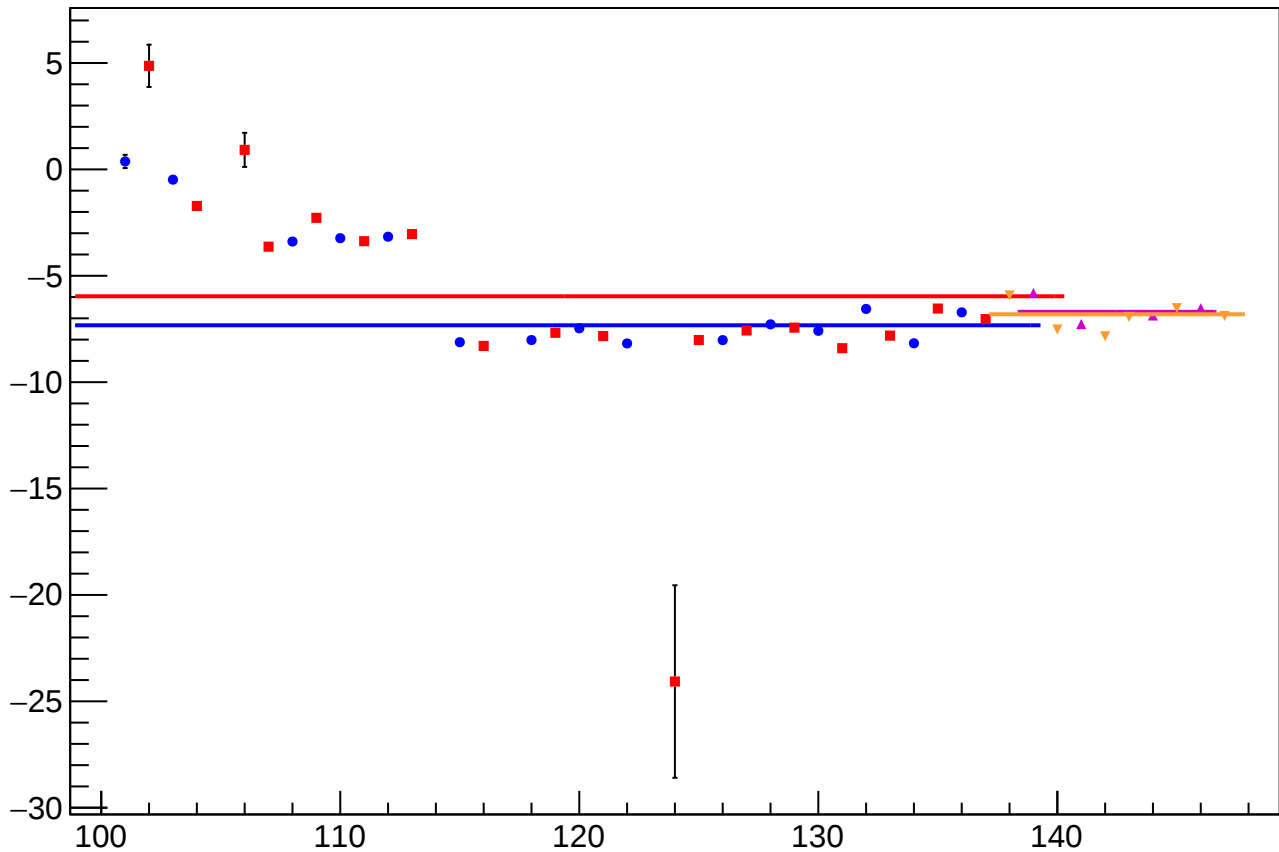
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.420 ± 0.003 $\chi^2/\text{NDF}: 5152.1/18$

Out: 0.360 ± 0.003 $\chi^2/\text{NDF}: 6169.6/23$

All: 0.393 ± 0.002 $\chi^2/\text{NDF}: 11498.4/42$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -6.809 ± 0.011 χ^2/NDF : 1430.7/5

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

Left In: -6.693 ± 0.010 χ^2/NDF : 2688.2/3

Left: -6.744 ± 0.007 χ^2/NDF : 4181.6/9

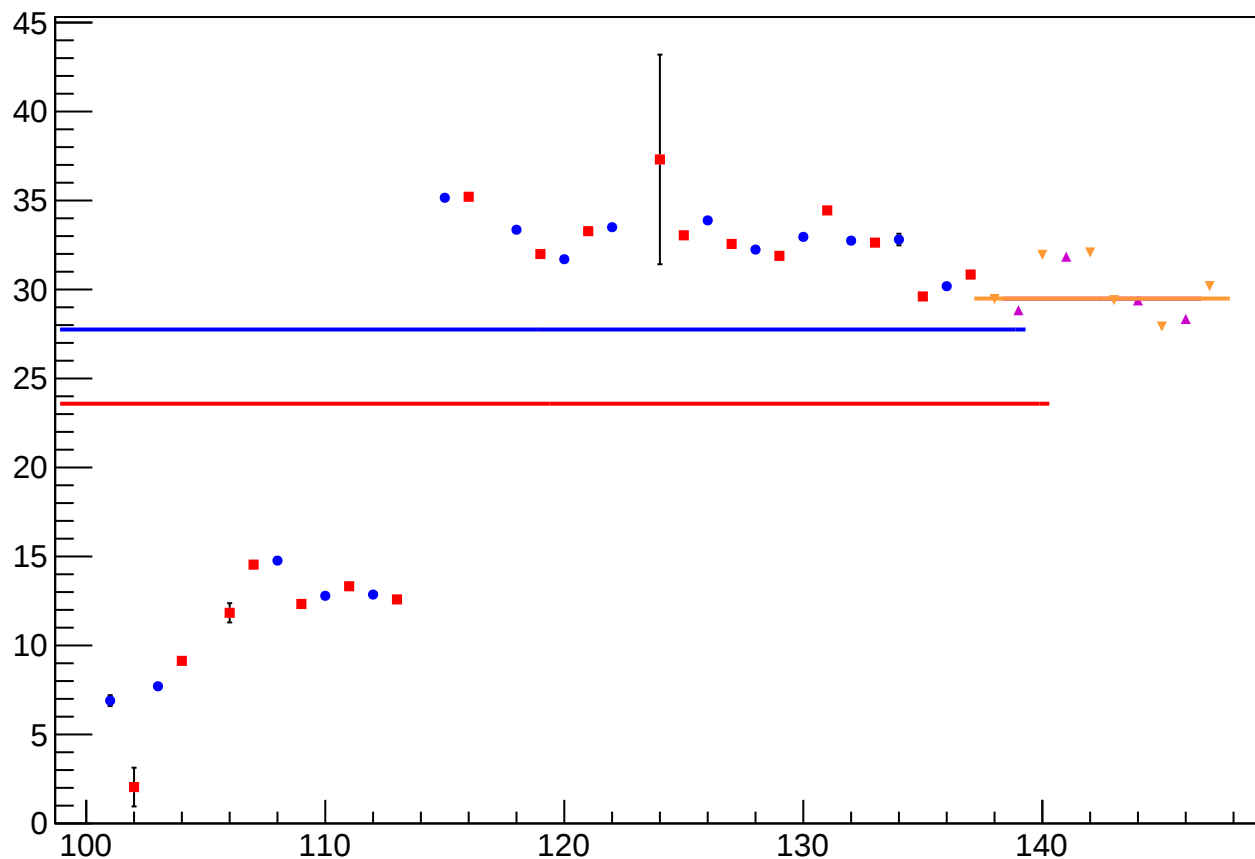
Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32

In: -7.057 ± 0.006 χ^2/NDF : 35614.5/18

Out: -6.294 ± 0.007 χ^2/NDF : 76863.0/23

All: -6.704 ± 0.005 χ^2/NDF : 119150.2/42

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.491 $\pm$ 0.020 χ^2 /NDF: 5850.5/5

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.485 $\pm$ 0.027 χ^2 /NDF: 1392.1/3

Left: 29.489 $\pm$ 0.016 χ^2 /NDF: 7242.6/9

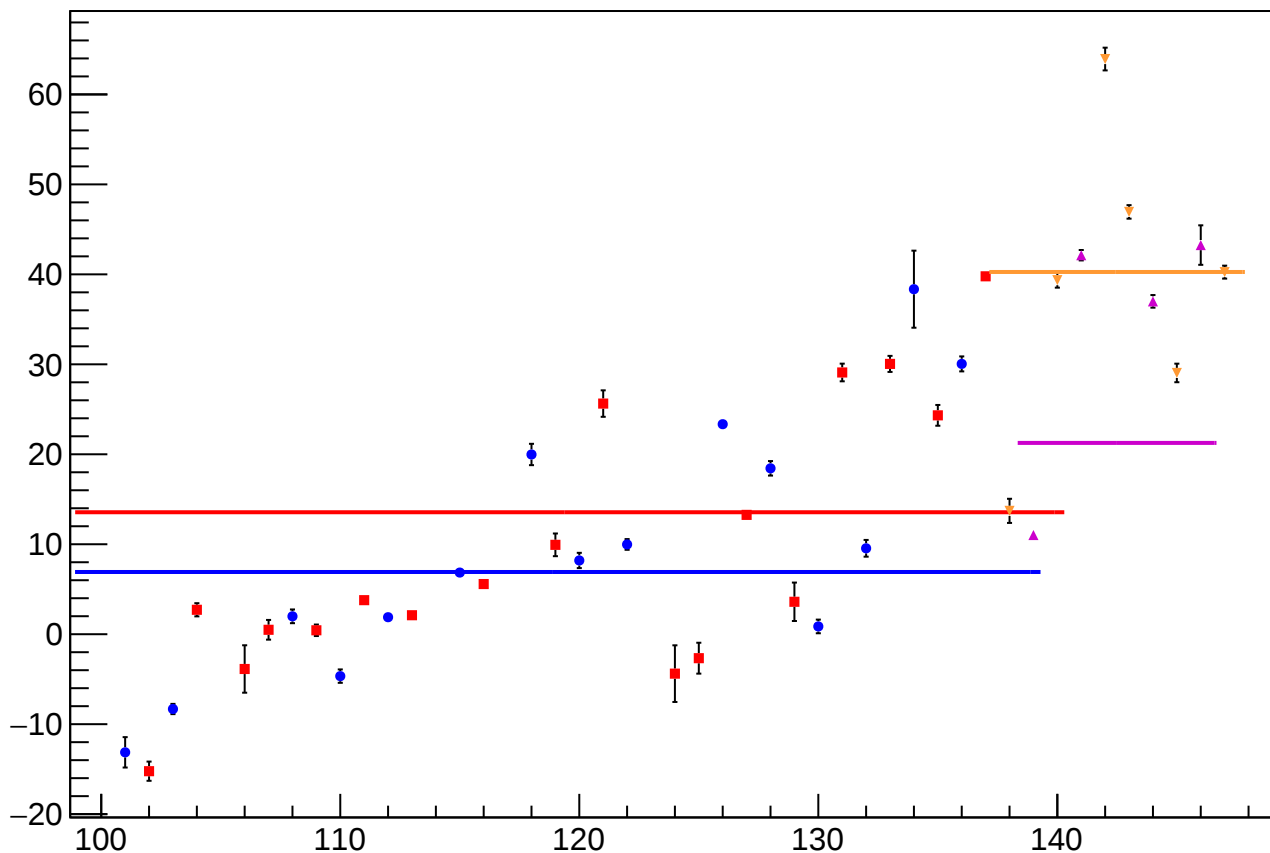
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.152 $\pm$ 0.013 χ^2 /NDF: 337384.2/18

Out: 25.485 $\pm$ 0.011 χ^2 /NDF: 605139.6/23

All: 26.613 $\pm$ 0.009 χ^2 /NDF: 966122.6/42

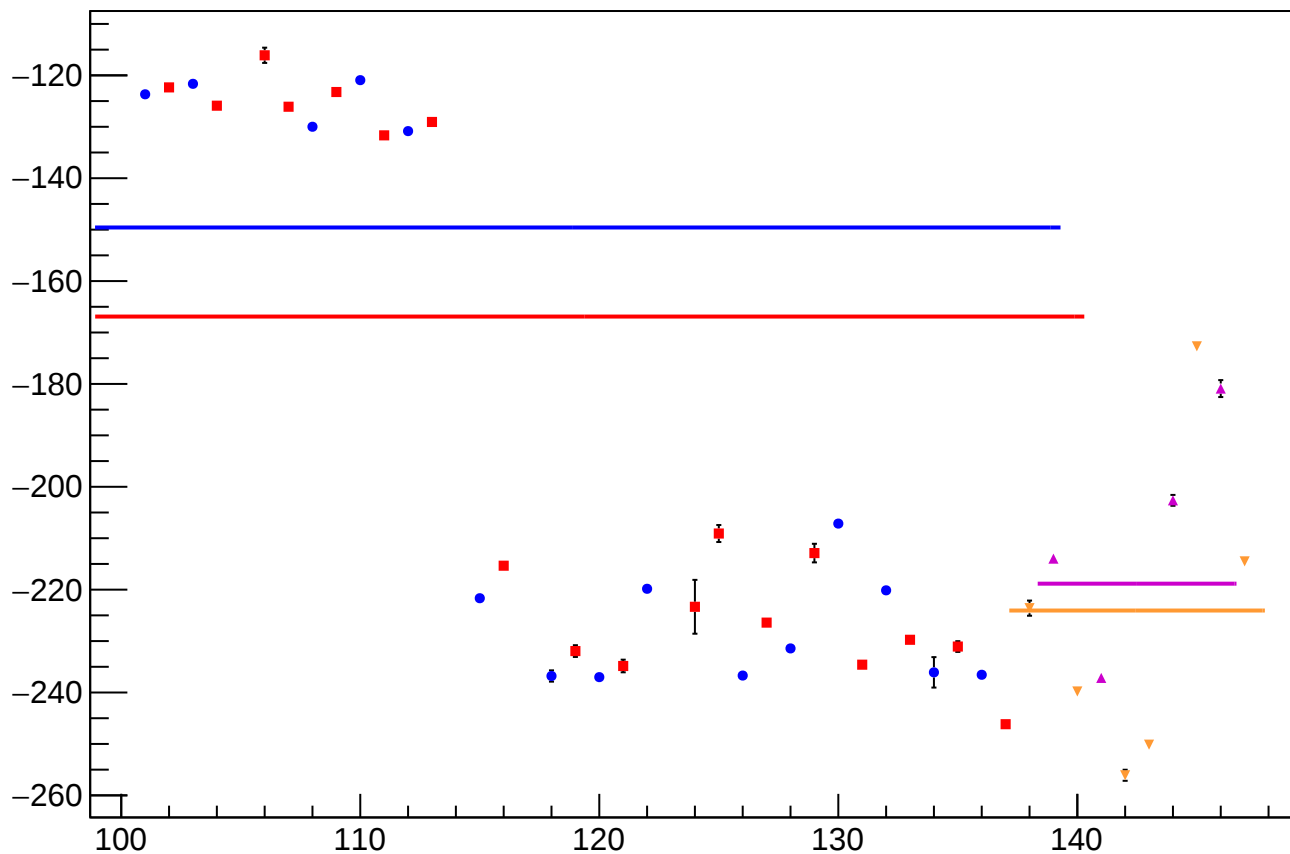
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 40.264 ± 0.371 $\chi^2/\text{NDF}: 940.6/5$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 21.264 ± 0.260 $\chi^2/\text{NDF}: 2908.9/3$

Left: 27.498 ± 0.213 $\chi^2/\text{NDF}: 5607.9/9$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 11.455 ± 0.146 $\chi^2/\text{NDF}: 8501.3/18$
 Out: 17.092 ± 0.135 $\chi^2/\text{NDF}: 17084.0/23$
 All: 14.491 ± 0.099 $\chi^2/\text{NDF}: 26388.3/42$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -224.059 ± 0.307 χ^2/NDF : 8391.2/5

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -218.838 ± 0.232 χ^2/NDF : 2689.3/3

Left: -220.740 ± 0.185 χ^2/NDF : 11264.5/9

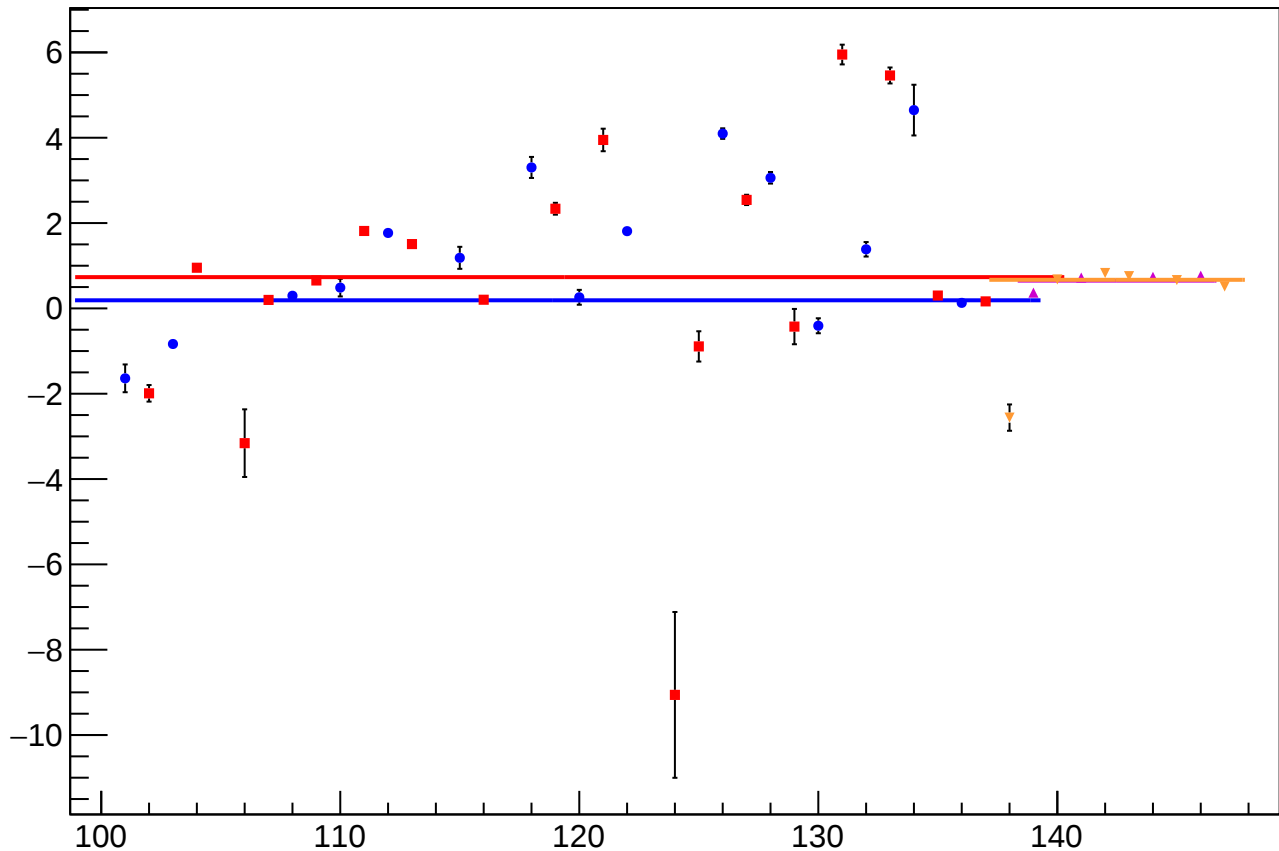
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -160.565 ± 0.093 χ^2/NDF : 272549.4/18

Out: -172.444 ± 0.096 χ^2/NDF : 335203.8/23

All: -166.311 ± 0.066 χ^2/NDF : 615725.7/42

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.670 $\pm$ 0.007 χ^2 /NDF:411.1/5

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.651 $\pm$ 0.006 χ^2 /NDF:769.8/3

Left: 0.658 $\pm$ 0.004 χ^2 /NDF: 1185.8/9

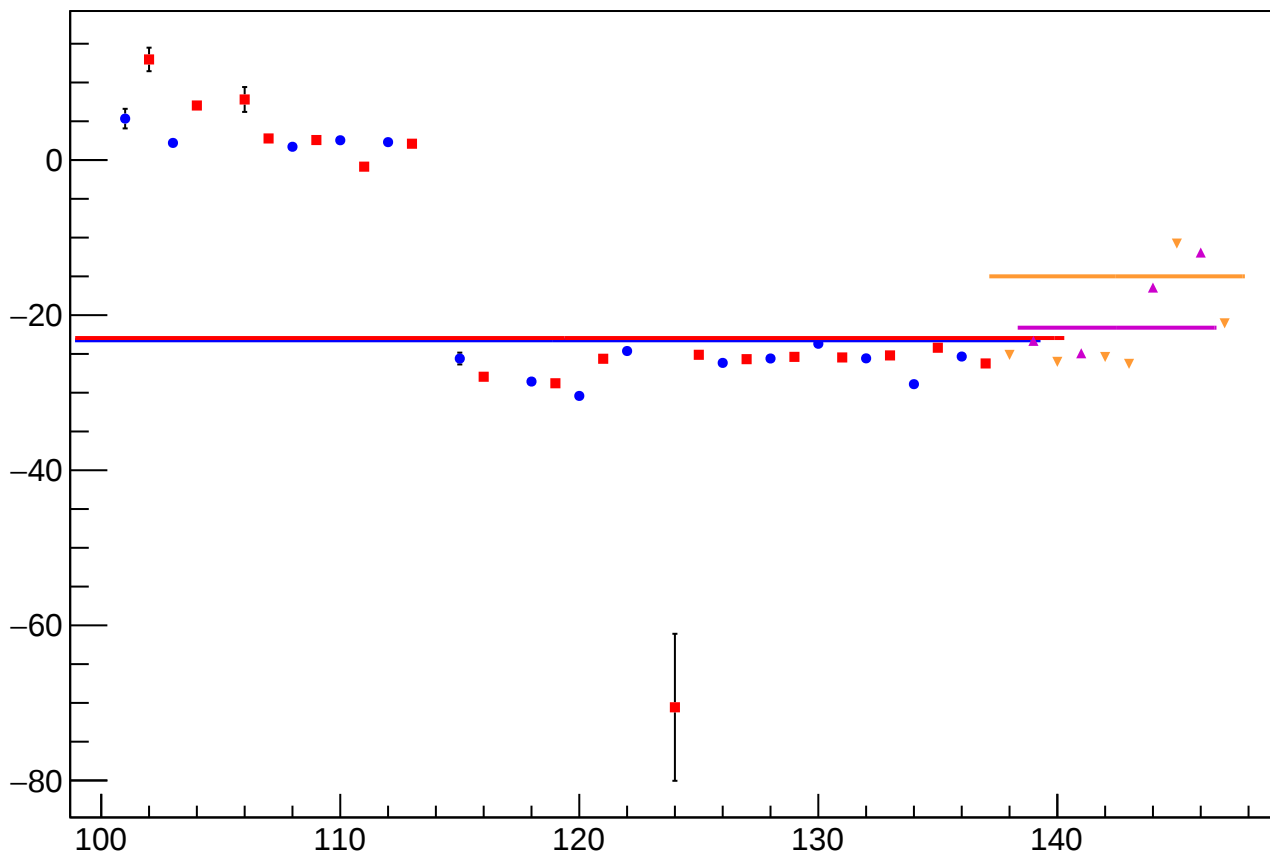
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.516 $\pm$ 0.005 χ^2 /NDF:5524.0/18

Out: 0.677 $\pm$ 0.006 χ^2 /NDF:3087.1/23

All: 0.571 $\pm$ 0.004 χ^2 /NDF: 9021.8/42

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -14.996 ± 0.021 $\chi^2/\text{NDF}: 87964.8/5$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.617 ± 0.054 $\chi^2/\text{NDF}: 7660.9/3$

Left: -15.910 ± 0.020 $\chi^2/\text{NDF}: 108727.8/9$

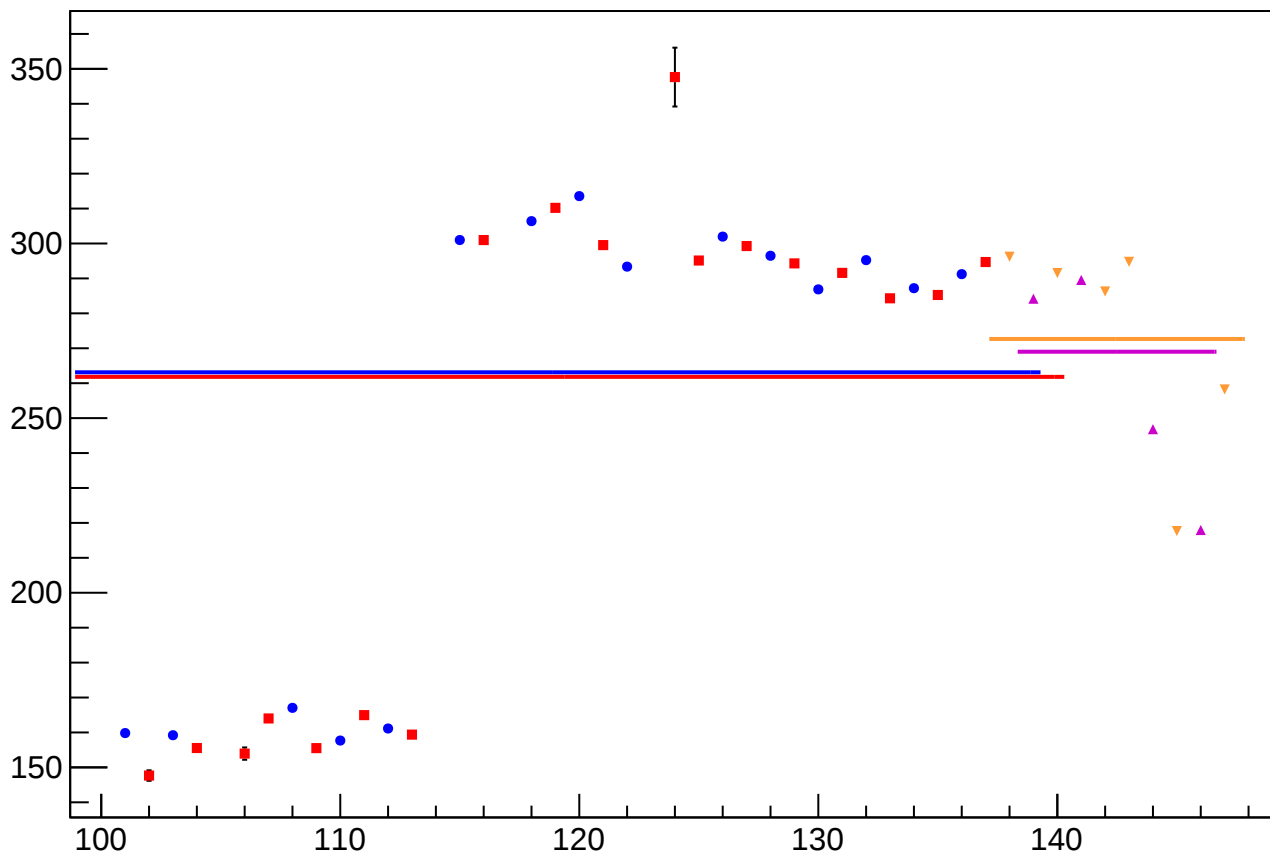
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.956 ± 0.022 $\chi^2/\text{NDF}: 111518.3/18$

Out: -18.426 ± 0.016 $\chi^2/\text{NDF}: 255047.3/23$

All: -19.976 ± 0.013 $\chi^2/\text{NDF}: 393262.6/42$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 272.664 $\pm$ 0.073 χ^2 /NDF: 171349.5/5

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 269.009 $\pm$ 0.165 χ^2 /NDF: 32311.4/3

Left: 272.073 $\pm$ 0.066 χ^2 /NDF: 204071.3/9

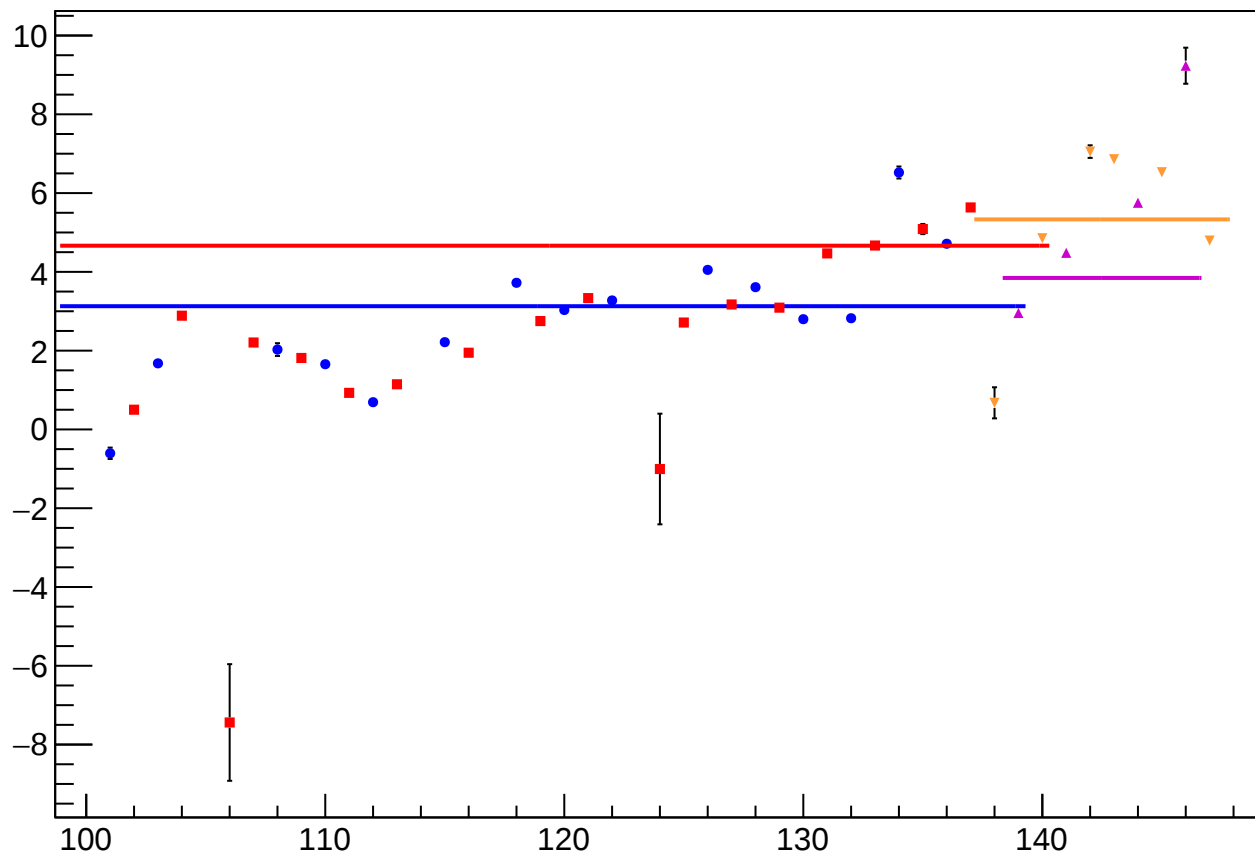
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 263.997 $\pm$ 0.064 χ^2 /NDF: 726278.6/18

Out: 266.258 $\pm$ 0.046 χ^2 /NDF: 1190739.8/23

All: 265.474 $\pm$ 0.038 χ^2 /NDF: 1917841.0/42

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 5.333 $\pm$ 0.036 χ^2 /NDF: 760.6/5

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 3.846 $\pm$ 0.028 χ^2 /NDF: 1439.4/3

Left: 4.413 $\pm$ 0.022 χ^2 /NDF: 3273.4/9

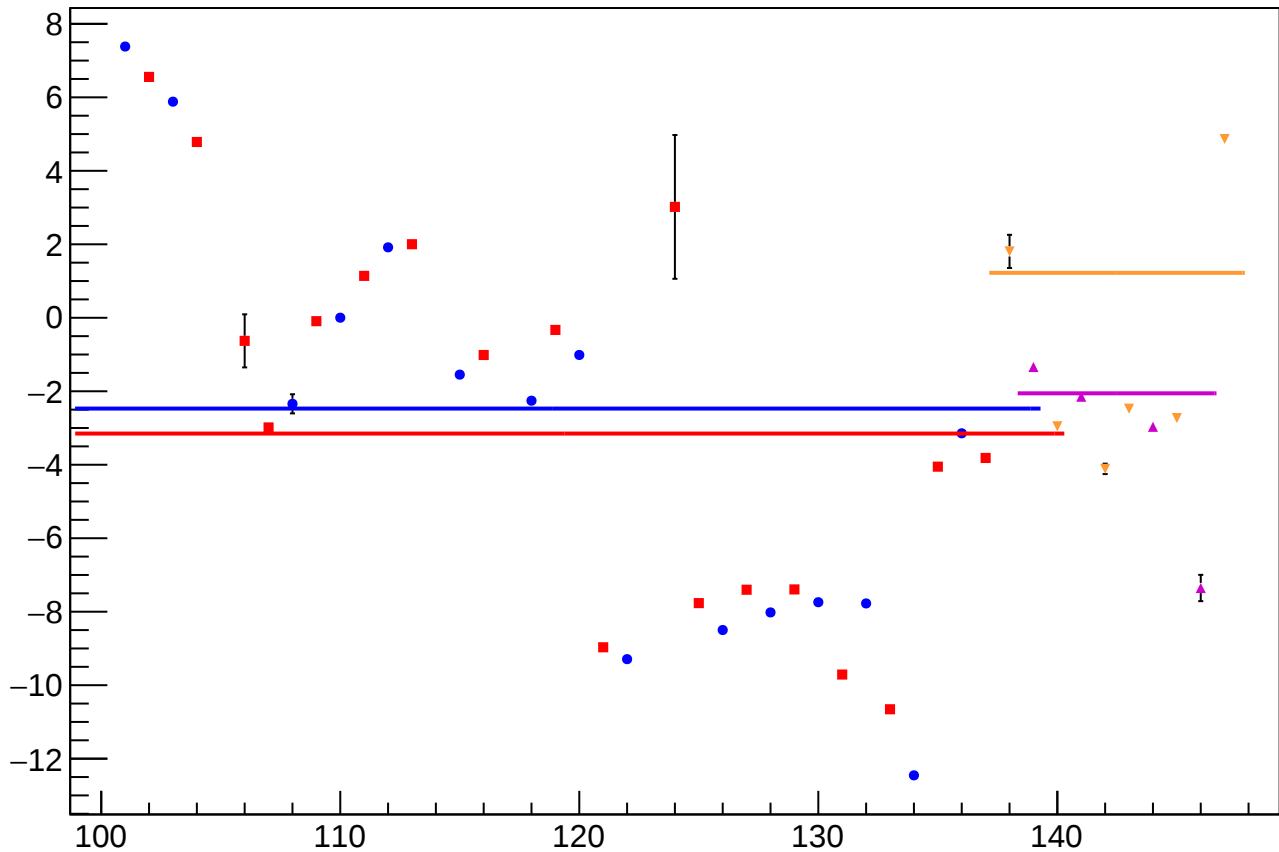
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.301 $\pm$ 0.014 χ^2 /NDF: 7604.7/18

Out: 4.685 $\pm$ 0.006 χ^2 /NDF: 67963.0/23

All: 4.447 $\pm$ 0.006 χ^2 /NDF: 83980.7/42

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 1.224 ± 0.029 $\chi^2/\text{NDF}: 18119.2/5$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -2.056 ± 0.029 $\chi^2/\text{NDF}: 651.0/3$

Left: -0.414 ± 0.020 $\chi^2/\text{NDF}: 25275.9/9$

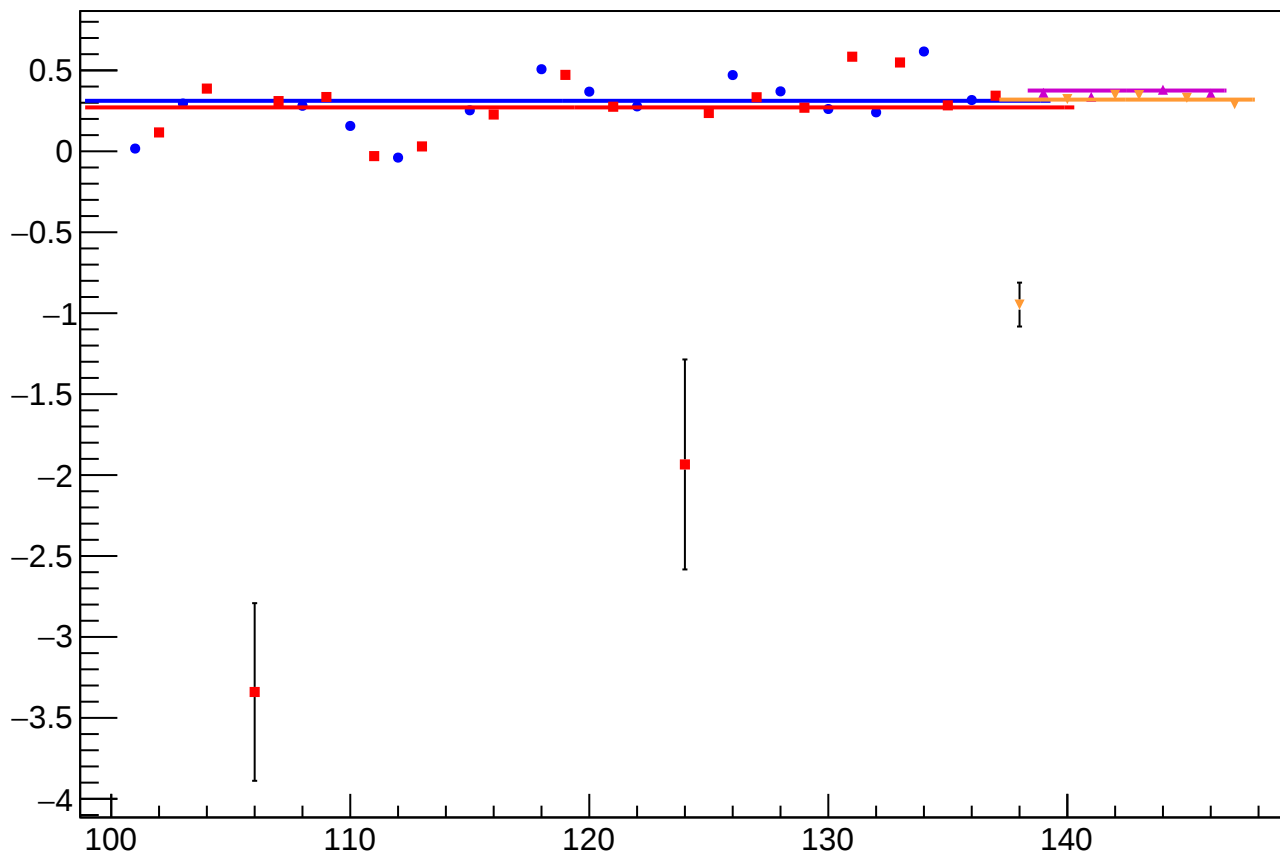
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.391 ± 0.013 $\chi^2/\text{NDF}: 243398.5/18$

Out: -2.877 ± 0.007 $\chi^2/\text{NDF}: 287277.1/23$

All: -2.758 ± 0.006 $\chi^2/\text{NDF}: 531789.0/42$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.319 ± 0.001 $\chi^2/\text{NDF}: 512.6/5$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.375 ± 0.001 $\chi^2/\text{NDF}: 78.0/3$

Left: 0.342 ± 0.001 $\chi^2/\text{NDF}: 1491.2/9$

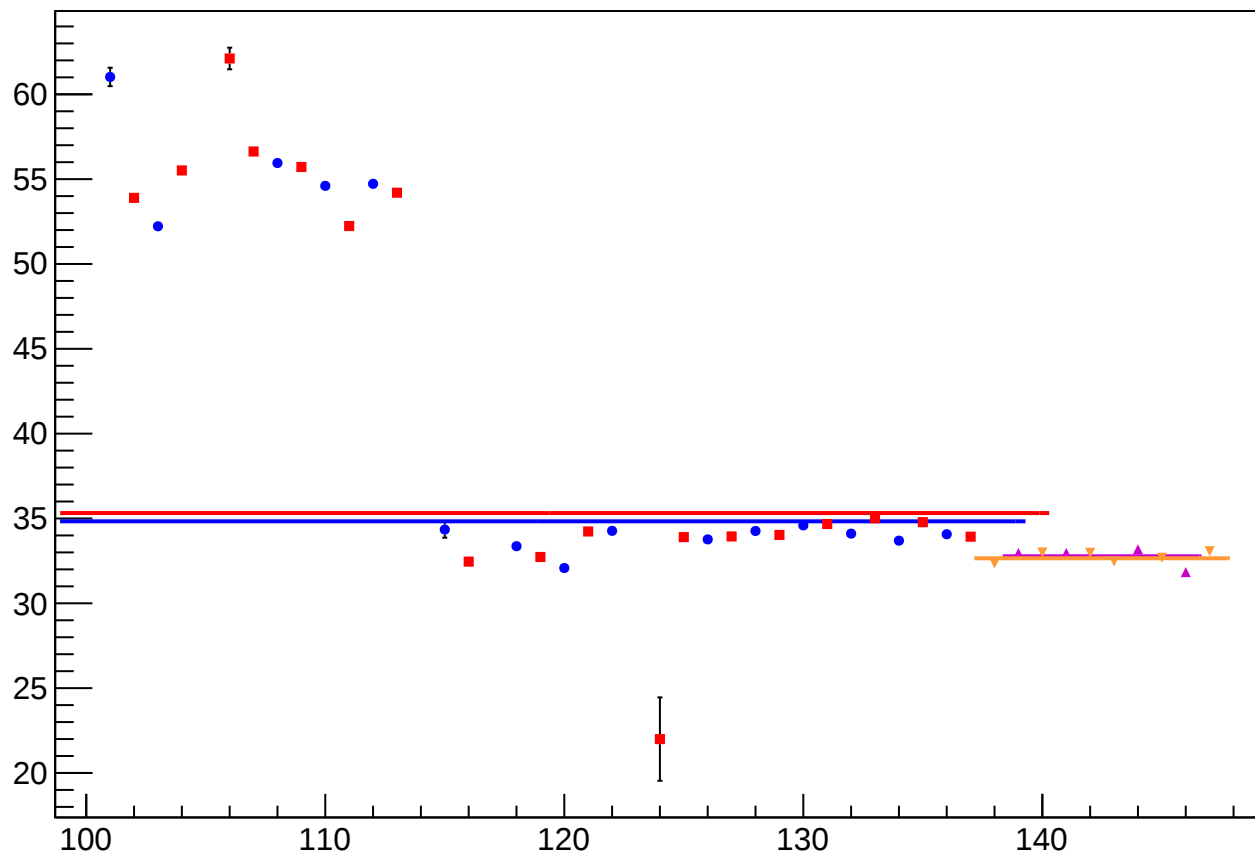
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2485.9/18$

Out: 0.308 ± 0.001 $\chi^2/\text{NDF}: 7052.1/23$

All: 0.325 ± 0.001 $\chi^2/\text{NDF}: 10064.2/42$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.655+/-0.011 χ^2/NDF : 468.4/5

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.771+/-0.014 χ^2/NDF : 1412.0/3

Left: 32.702+/-0.009 χ^2/NDF : 1921.7/9

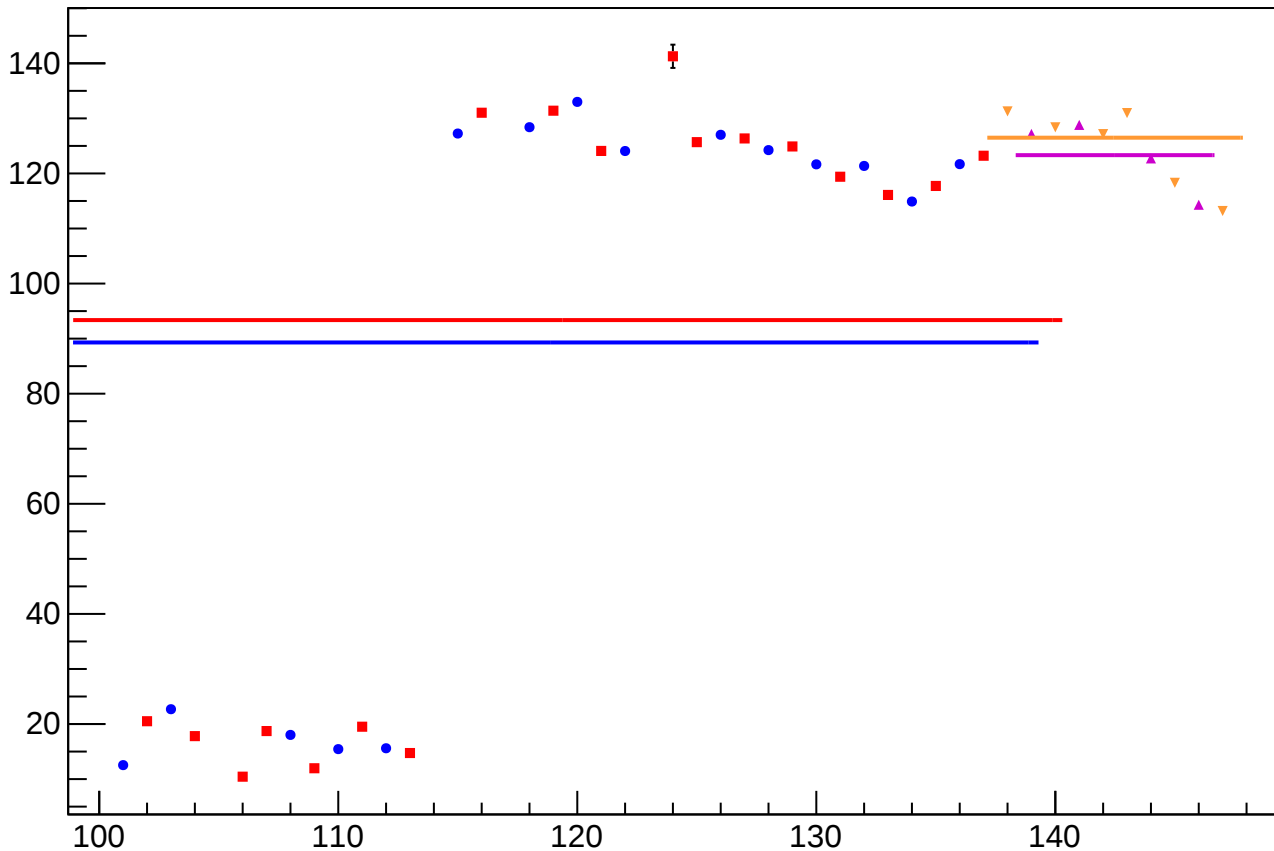
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.265+/-0.007 χ^2/NDF : 262684.4/18

Out: 34.177+/-0.008 χ^2/NDF : 292684.8/23

All: 34.222+/-0.005 χ^2/NDF : 555440.6/42

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 126.495 $\pm$ 0.034 χ^2 /NDF: 29387.3/5

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 123.322 $\pm$ 0.051 χ^2 /NDF: 13926.4/3

Left: 125.509 $\pm$ 0.028 χ^2 /NDF: 45984.8/9

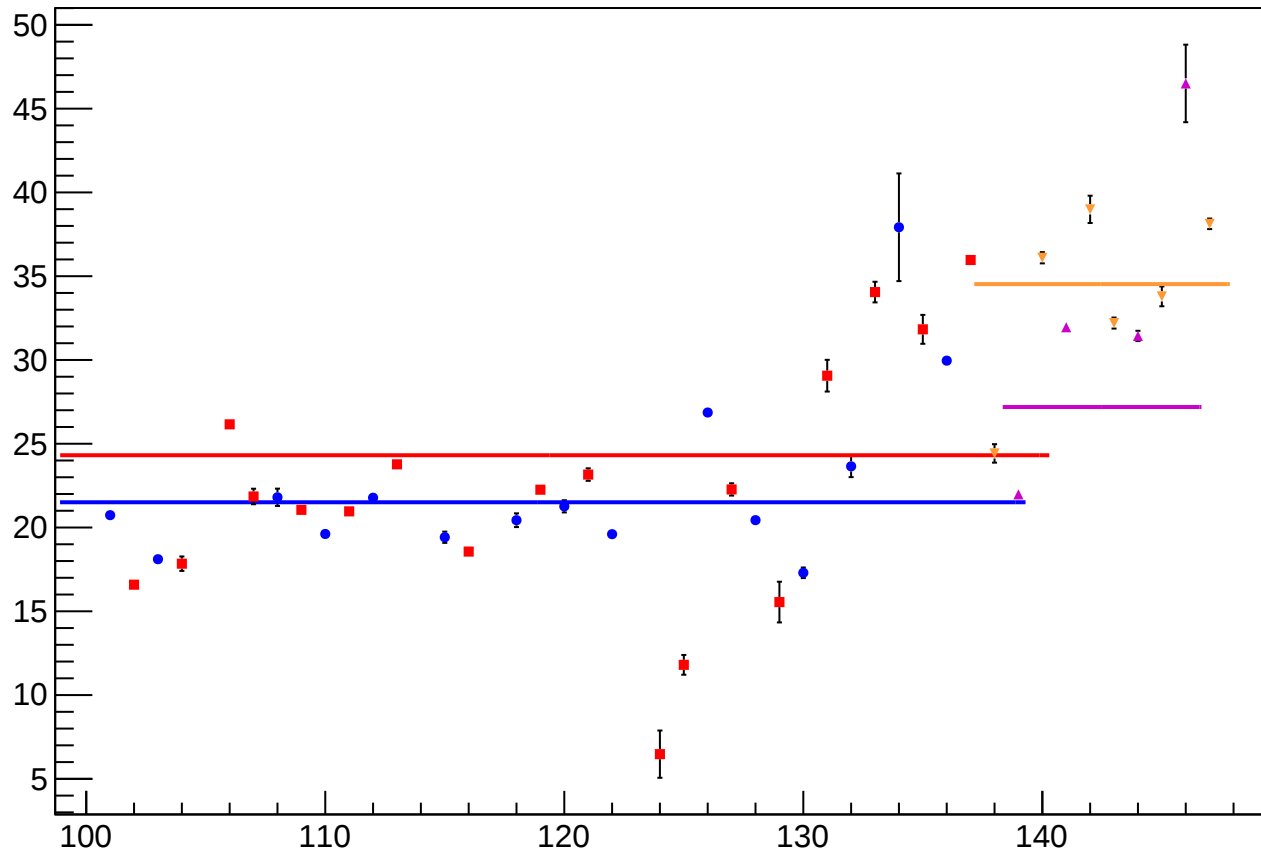
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 96.948 $\pm$ 0.024 χ^2 /NDF: 3393942.0/18

Out: 107.733 $\pm$ 0.023 χ^2 /NDF: 3412727.7/23

All: 102.716 $\pm$ 0.016 χ^2 /NDF: 6913243.6/42

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 34.528 $\pm$ 0.167 χ^2 /NDF:569.5/5

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 27.192 $\pm$ 0.143 χ^2 /NDF:1235.3/3

Left: 30.280 $\pm$ 0.108 χ^2 /NDF: 2919.5/9

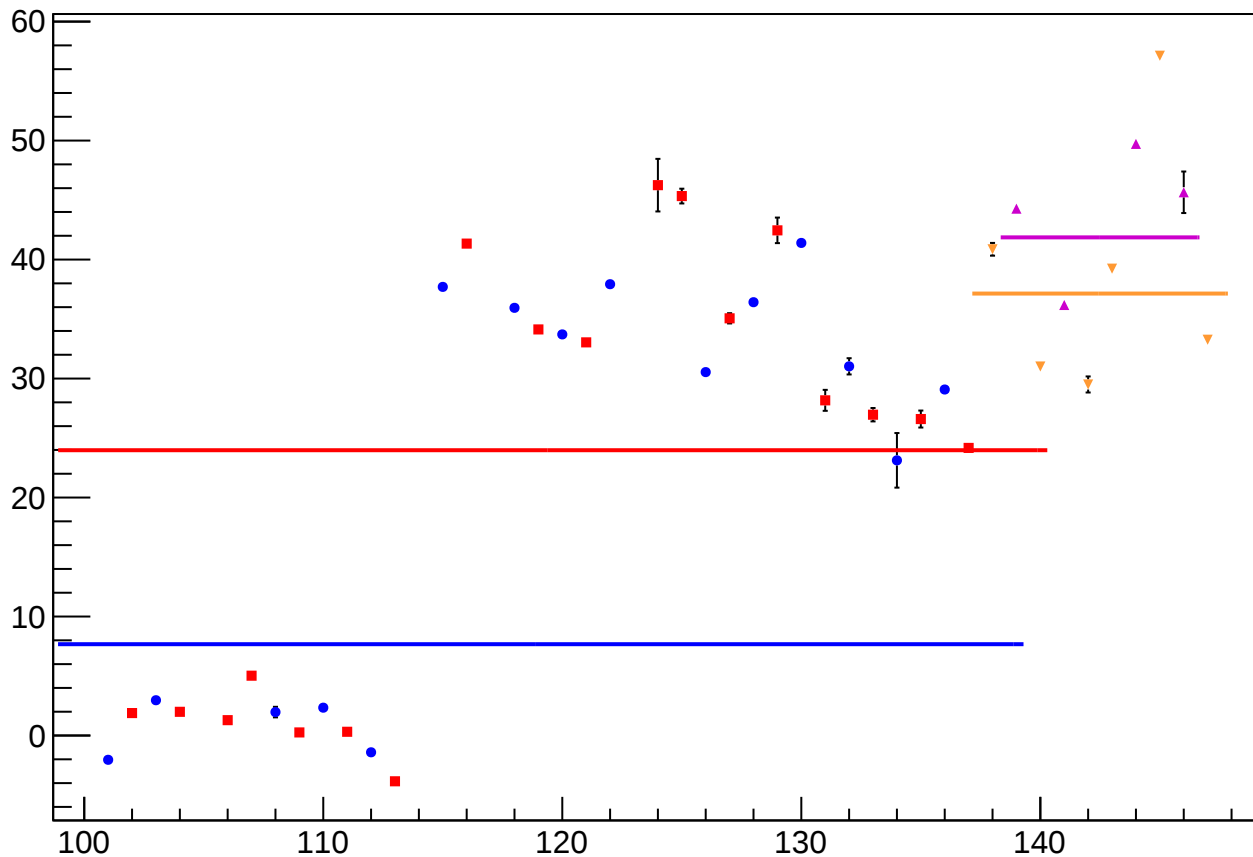
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.671 $\pm$ 0.064 χ^2 /NDF:5463.1/18

Out: 25.427 $\pm$ 0.055 χ^2 /NDF:18190.8/23

All: 24.262 $\pm$ 0.042 χ^2 /NDF: 24708.2/42

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 +/- 0.045 χ^2/NDF : 96442.5/14

Left Out: 37.143 +/- 0.138 χ^2/NDF : 3145.7/5

Right Out: 23.977 +/- 0.008 χ^2/NDF : 110564.0/17

Left In: 41.865 +/- 0.125 χ^2/NDF : 1397.0/3

Left: 39.749 +/- 0.093 χ^2/NDF : 5185.8/9

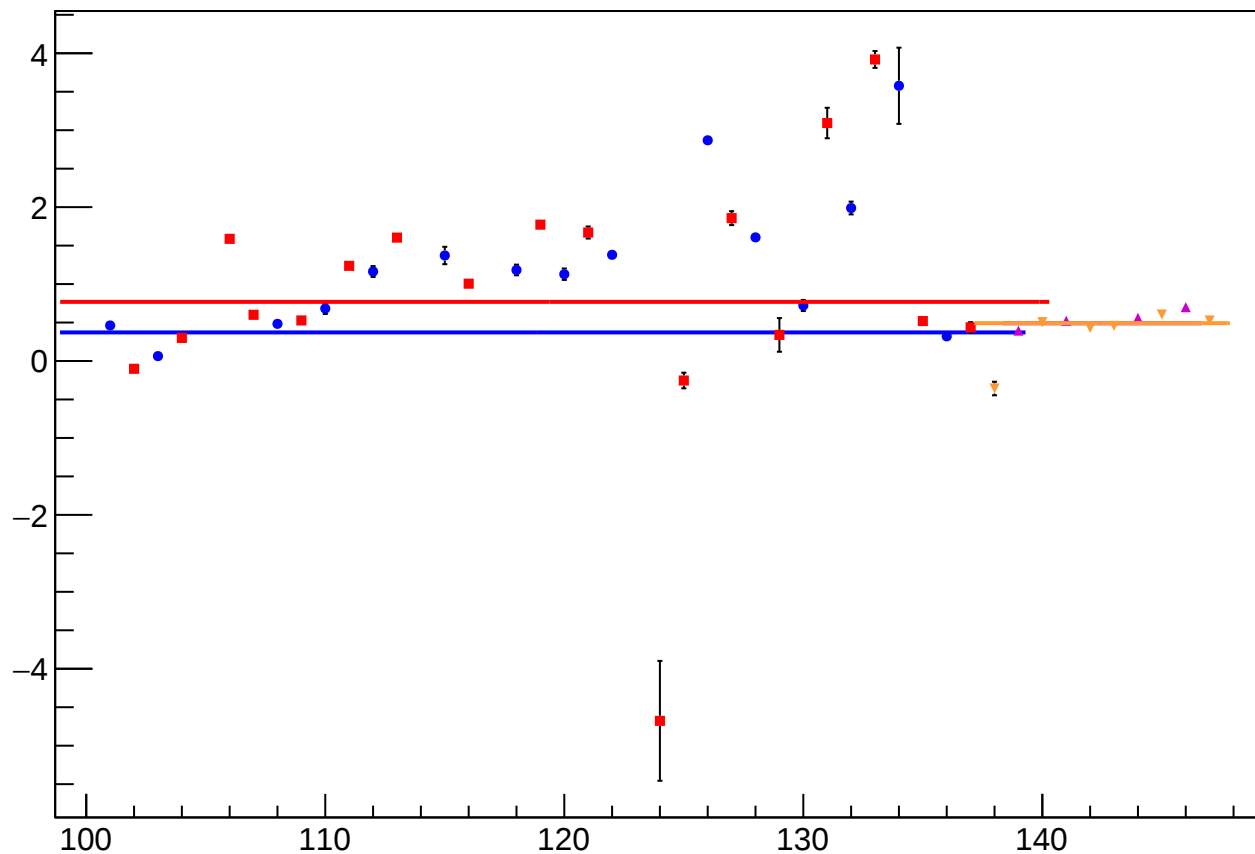
Right: 23.461 +/- 0.008 χ^2/NDF : 332774.6/32

In: 11.654 +/- 0.043 χ^2/NDF : 164329.5/18

Out: 24.023 +/- 0.008 χ^2/NDF : 122733.9/23

All: 23.583 +/- 0.008 χ^2/NDF : 368668.1/42

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.492 ± 0.002 $\chi^2/\text{NDF}: 322.5/5$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.490 ± 0.003 $\chi^2/\text{NDF}: 604.9/3$

Left: 0.491 ± 0.002 $\chi^2/\text{NDF}: 927.6/9$

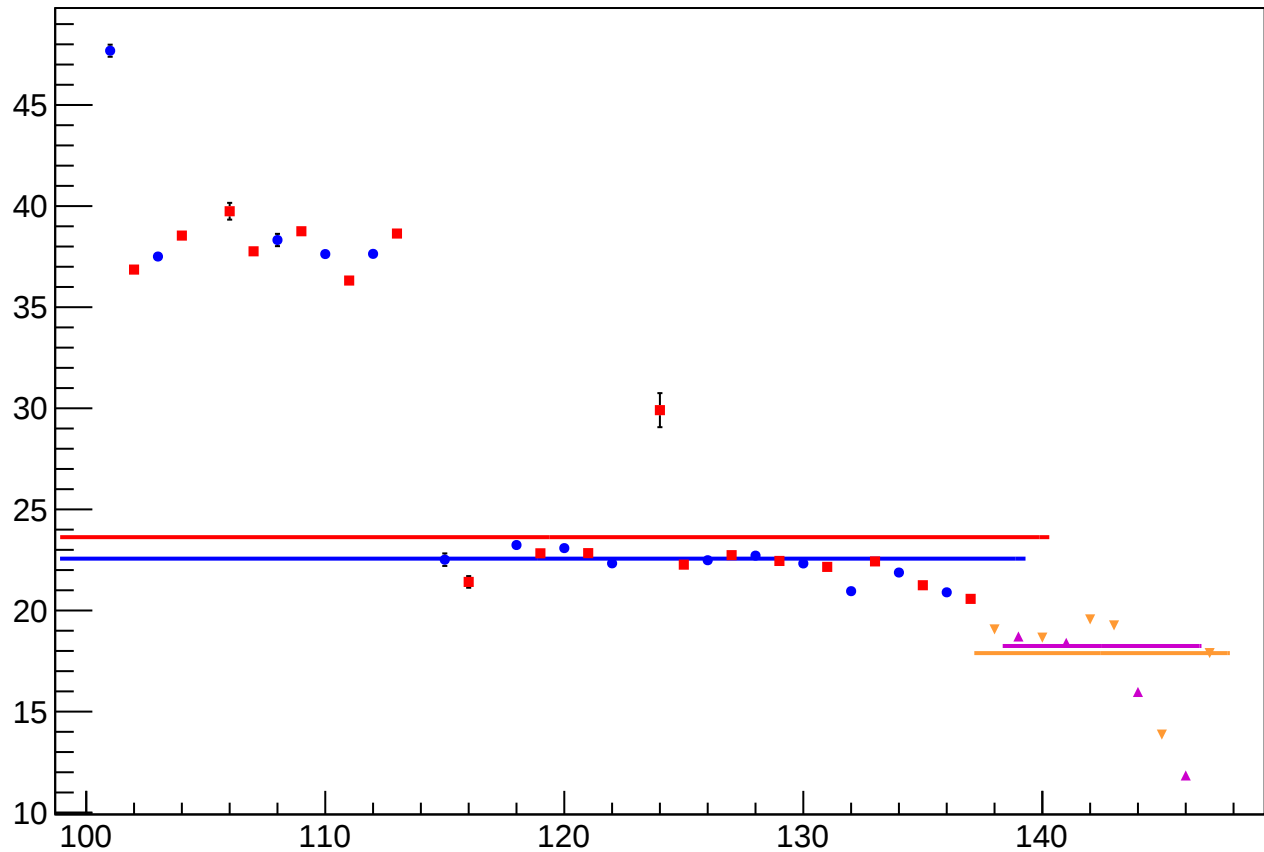
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.454 ± 0.002 $\chi^2/\text{NDF}: 5870.7/18$

Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 5881.7/23$

All: 0.490 ± 0.002 $\chi^2/\text{NDF}: 12168.3/42$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.892 $\pm$ 0.011 χ^2 /NDF: 35377.3/5

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 18.245 $\pm$ 0.019 χ^2 /NDF: 4025.1/3

Left: 17.987 $\pm$ 0.010 χ^2 /NDF: 39665.1/9

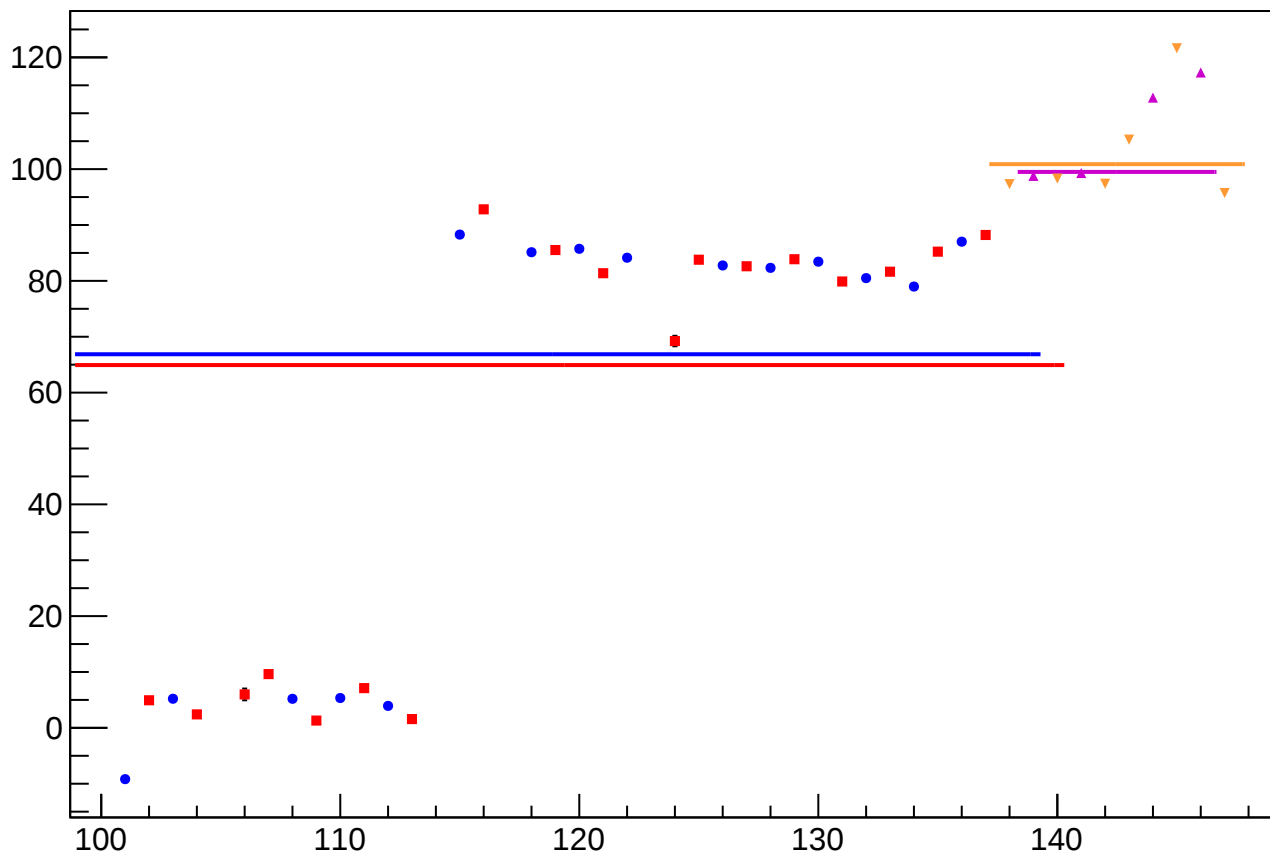
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.569 $\pm$ 0.009 χ^2 /NDF: 138448.4/18

Out: 20.776 $\pm$ 0.008 χ^2 /NDF: 288415.7/23

All: 21.127 $\pm$ 0.006 χ^2 /NDF: 431267.0/42

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 100.887 $\pm$ 0.027 χ^2 /NDF: 57316.4/5

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.499 $\pm$ 0.032 χ^2 /NDF: 4218.3/3

Left: 100.313 $\pm$ 0.021 χ^2 /NDF: 62610.0/9

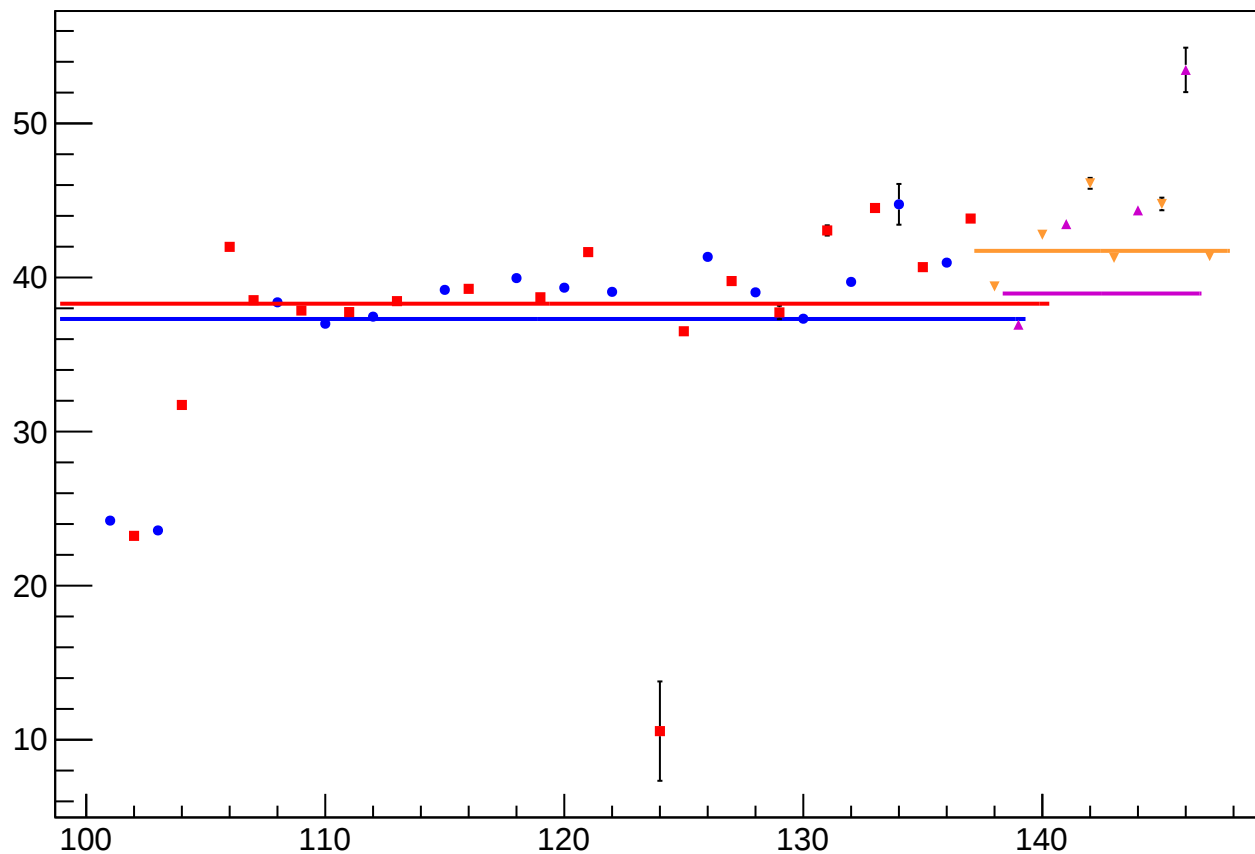
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 80.268 $\pm$ 0.021 χ^2 /NDF: 2095685.4/18

Out: 84.483 $\pm$ 0.020 χ^2 /NDF: 2187537.4/23

All: 82.447 $\pm$ 0.014 χ^2 /NDF: 4304507.8/42

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 41.729 $\pm$ 0.067 χ^2 /NDF:376.2/5

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.960 $\pm$ 0.058 χ^2 /NDF:3001.6/3

Left: 40.150 $\pm$ 0.044 χ^2 /NDF: 4355.4/9

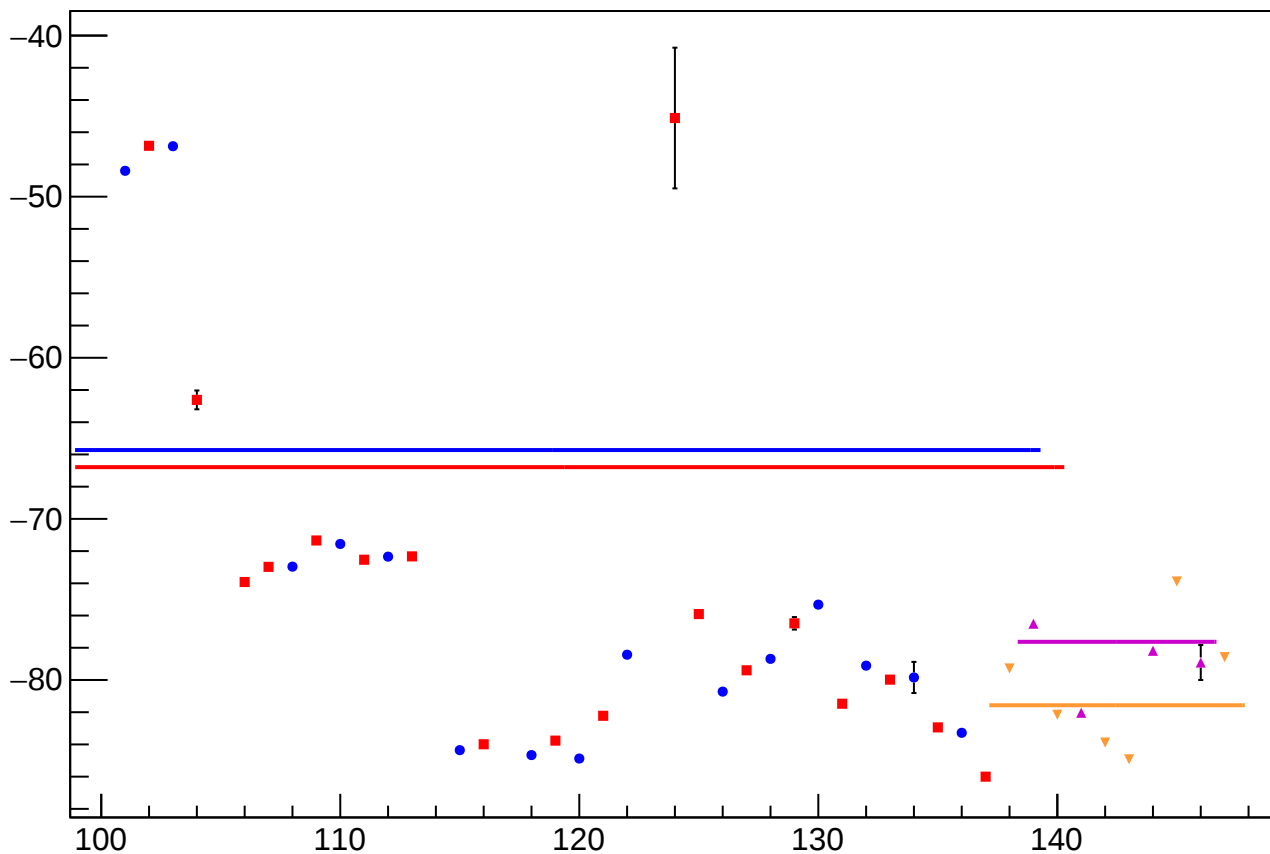
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.533 $\pm$ 0.021 χ^2 /NDF:63280.9/18

Out: 38.595 $\pm$ 0.020 χ^2 /NDF:21619.7/23

All: 38.111 $\pm$ 0.014 χ^2 /NDF: 86234.5/42

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728±/0.017 χ^2/NDF : 903051.8/14

Left Out: -81.568±/0.056 χ^2/NDF : 3003.8/5

Right Out: -66.788±/0.016 χ^2/NDF : 809356.5/17

Left In: -77.631±/0.046 χ^2/NDF : 2044.3/3

Left: -79.210±/0.035 χ^2/NDF : 8005.9/9

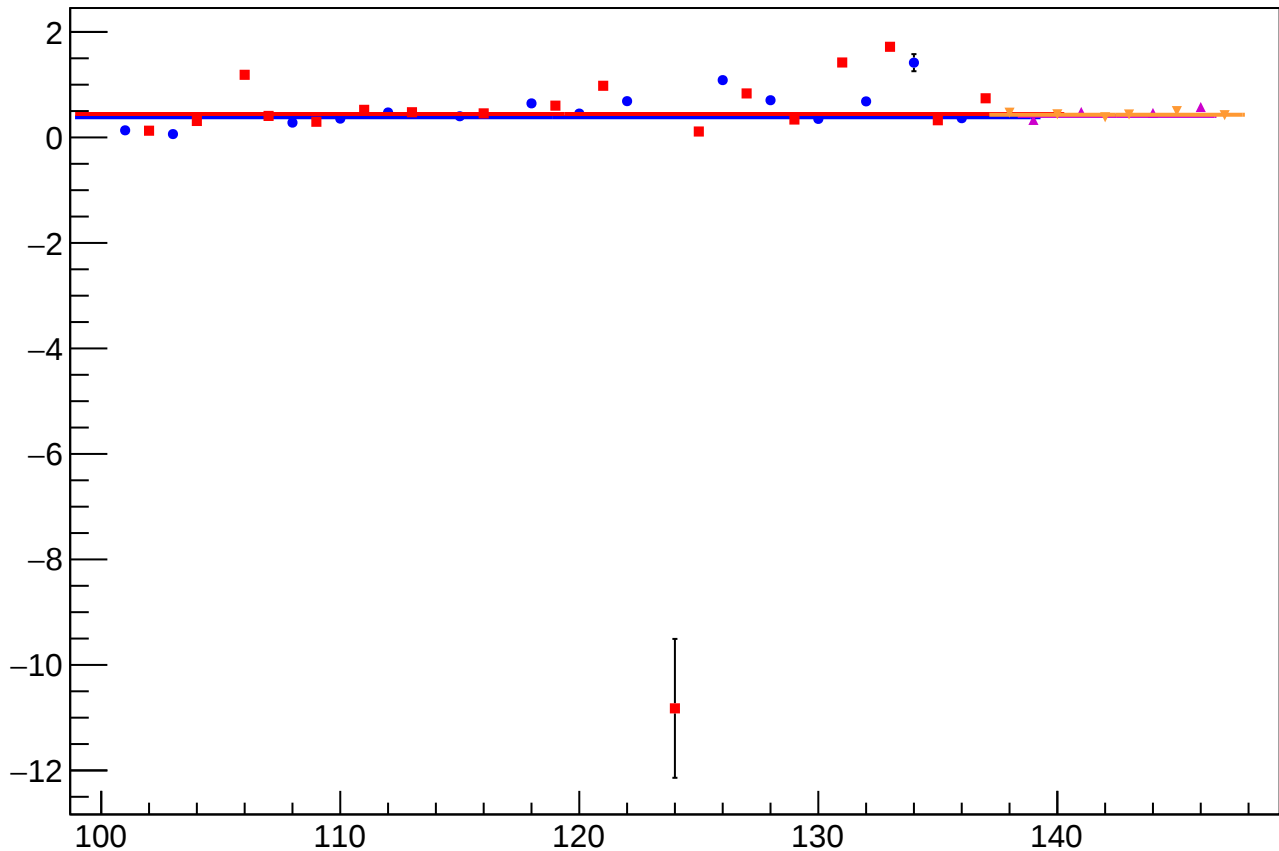
Right: -66.292±/0.012 χ^2/NDF : 1714516.0/32

In: -67.144±/0.016 χ^2/NDF : 964483.0/18

Out: -67.878±/0.015 χ^2/NDF : 876812.9/23

All: -67.525±/0.011 χ^2/NDF : 1842413.7/42

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.430 ± 0.001 $\chi^2/\text{NDF}: 114.1/5$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.408 ± 0.002 $\chi^2/\text{NDF}: 1993.6/3$

Left: 0.422 ± 0.001 $\chi^2/\text{NDF}: 2218.3/9$

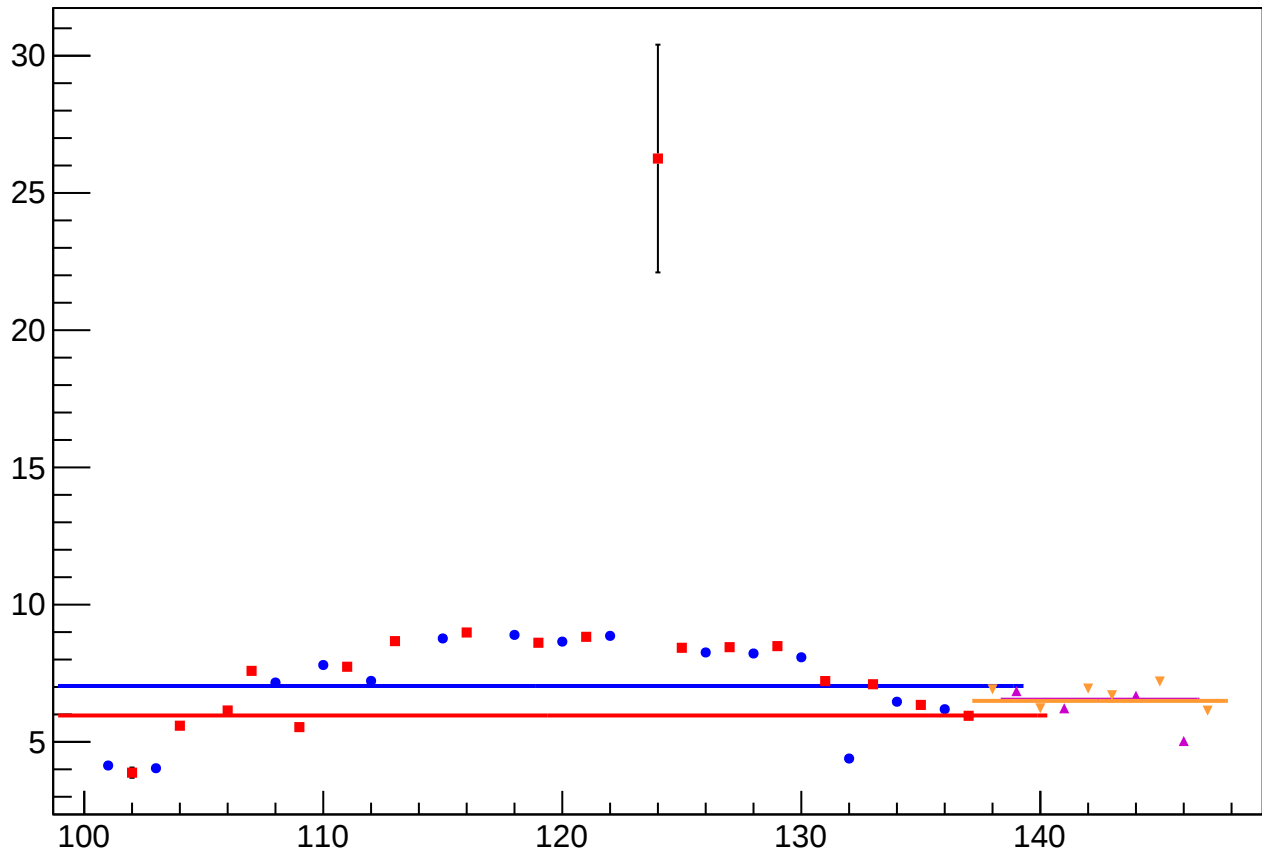
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 10268.8/18$

Out: 0.432 ± 0.001 $\chi^2/\text{NDF}: 2913.3/23$

All: 0.414 ± 0.001 $\chi^2/\text{NDF}: 13580.9/42$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$

Left Out: 6.494 ± 0.004 $\chi^2/\text{NDF}: 8520.1/5$

Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$

Left In: 6.537 ± 0.005 $\chi^2/\text{NDF}: 3460.9/3$

Left: 6.509 ± 0.003 $\chi^2/\text{NDF}: 12030.5/9$

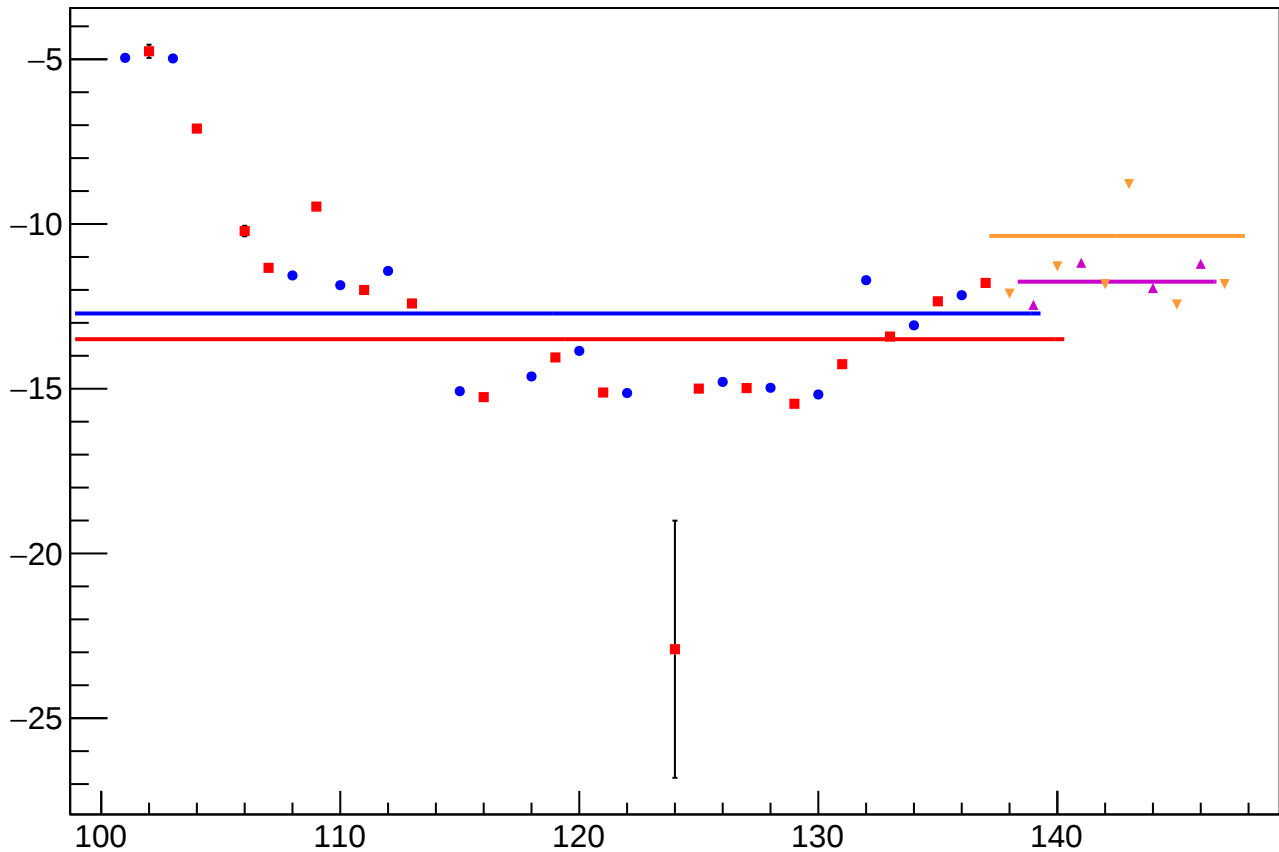
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$

In: 6.806 ± 0.003 $\chi^2/\text{NDF}: 78979.1/18$

Out: 5.968 ± 0.000 $\chi^2/\text{NDF}: 197885.4/23$

All: 5.981 ± 0.000 $\chi^2/\text{NDF}: 339578.1/42$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.361 $\pm$ 0.004 χ^2 /NDF:125783.6/5

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.751 $\pm$ 0.009 χ^2 /NDF:3520.7/3

Left: -10.638 $\pm$ 0.004 χ^2 /NDF: 149820.1/9

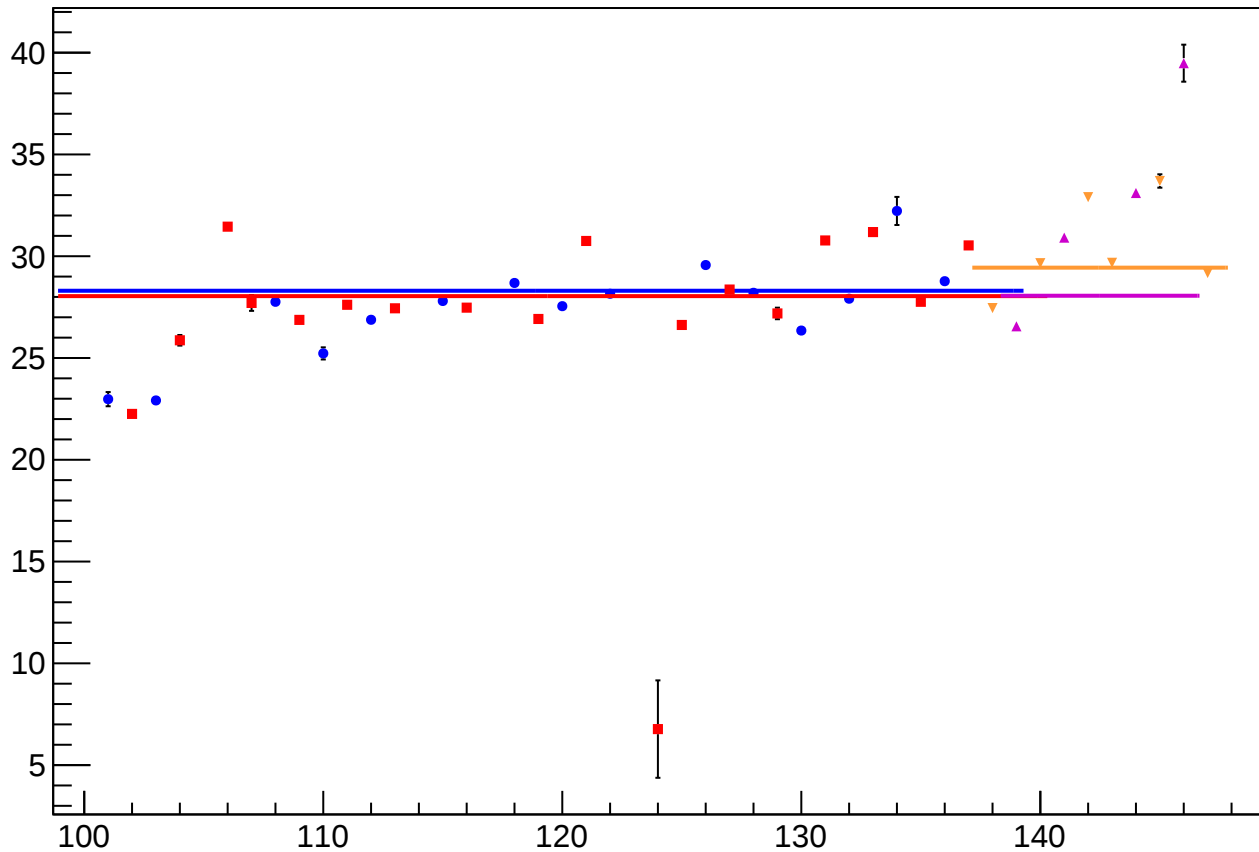
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.377 $\pm$ 0.005 χ^2 /NDF:96765.9/18

Out: -11.480 $\pm$ 0.003 χ^2 /NDF:368639.3/23

All: -11.761 $\pm$ 0.003 χ^2 /NDF: 486310.3/42

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.439 $\pm$ 0.044 χ^2 /NDF: 768.9/5

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.059 $\pm$ 0.045 χ^2 /NDF: 2836.4/3

Left: 28.764 $\pm$ 0.031 χ^2 /NDF: 4091.1/9

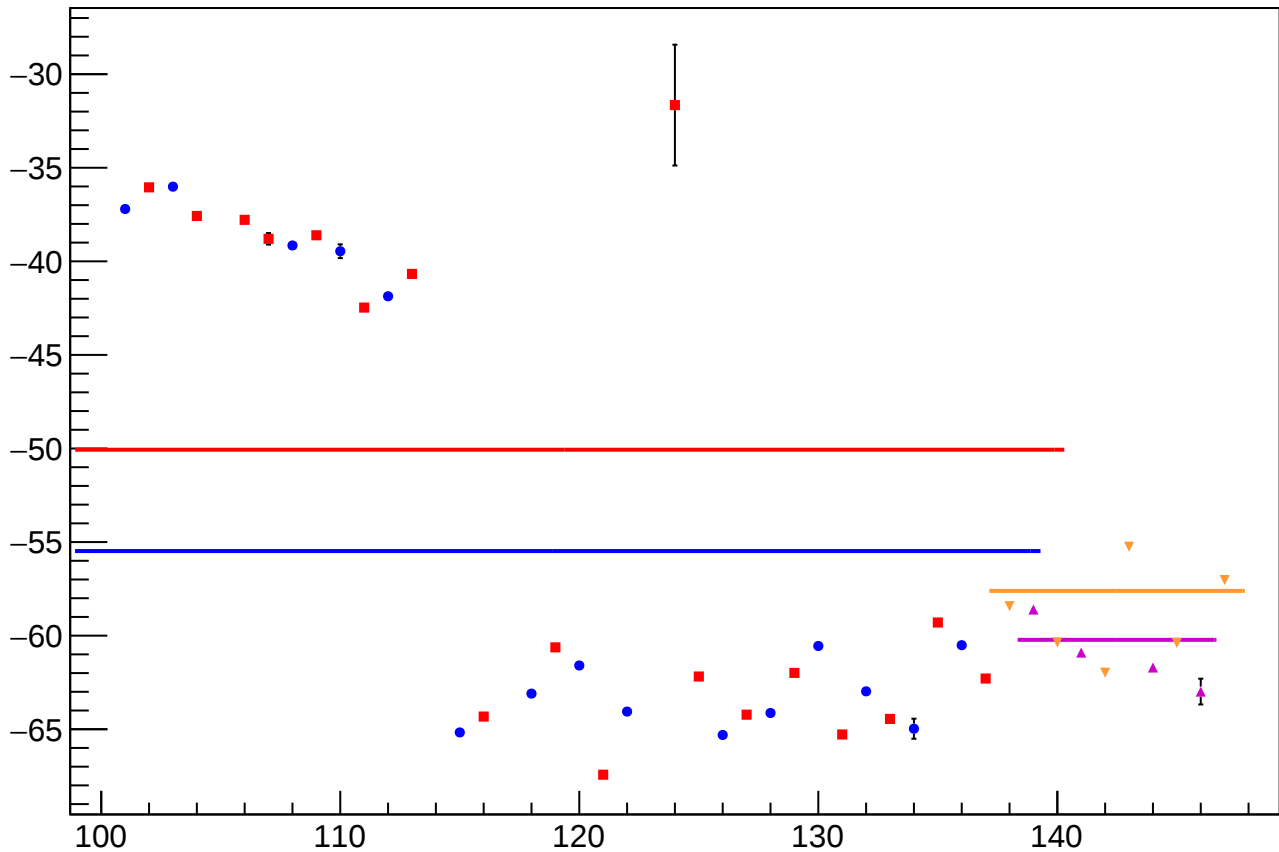
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.253 $\pm$ 0.021 χ^2 /NDF: 6260.2/18

Out: 28.493 $\pm$ 0.025 χ^2 /NDF: 4020.8/23

All: 28.350 $\pm$ 0.016 χ^2 /NDF: 10336.5/42

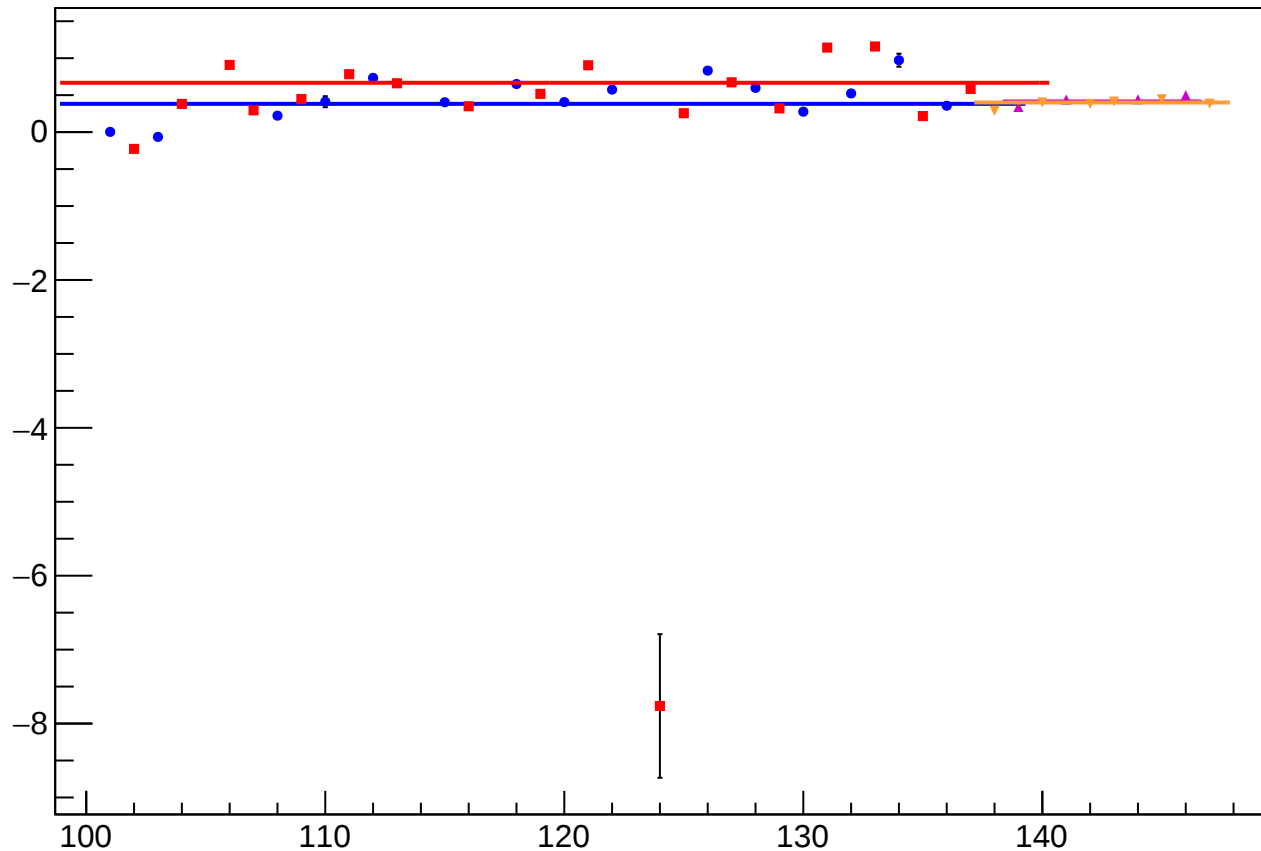
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -57.608 ± 0.038 $\chi^2/\text{NDF}: 3132.3/5$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -60.223 ± 0.053 $\chi^2/\text{NDF}: 560.6/3$

Left: -58.516 ± 0.031 $\chi^2/\text{NDF}: 5301.3/9$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -55.907 ± 0.016 $\chi^2/\text{NDF}: 603078.5/18$
 Out: -52.072 ± 0.020 $\chi^2/\text{NDF}: 371540.6/23$
 All: -54.416 ± 0.012 $\chi^2/\text{NDF}: 997512.4/42$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.401 ± 0.001 χ^2/NDF : 362.1/5

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.415 ± 0.001 χ^2/NDF : 986.0/3

Left: 0.405 ± 0.001 χ^2/NDF : 1412.7/9

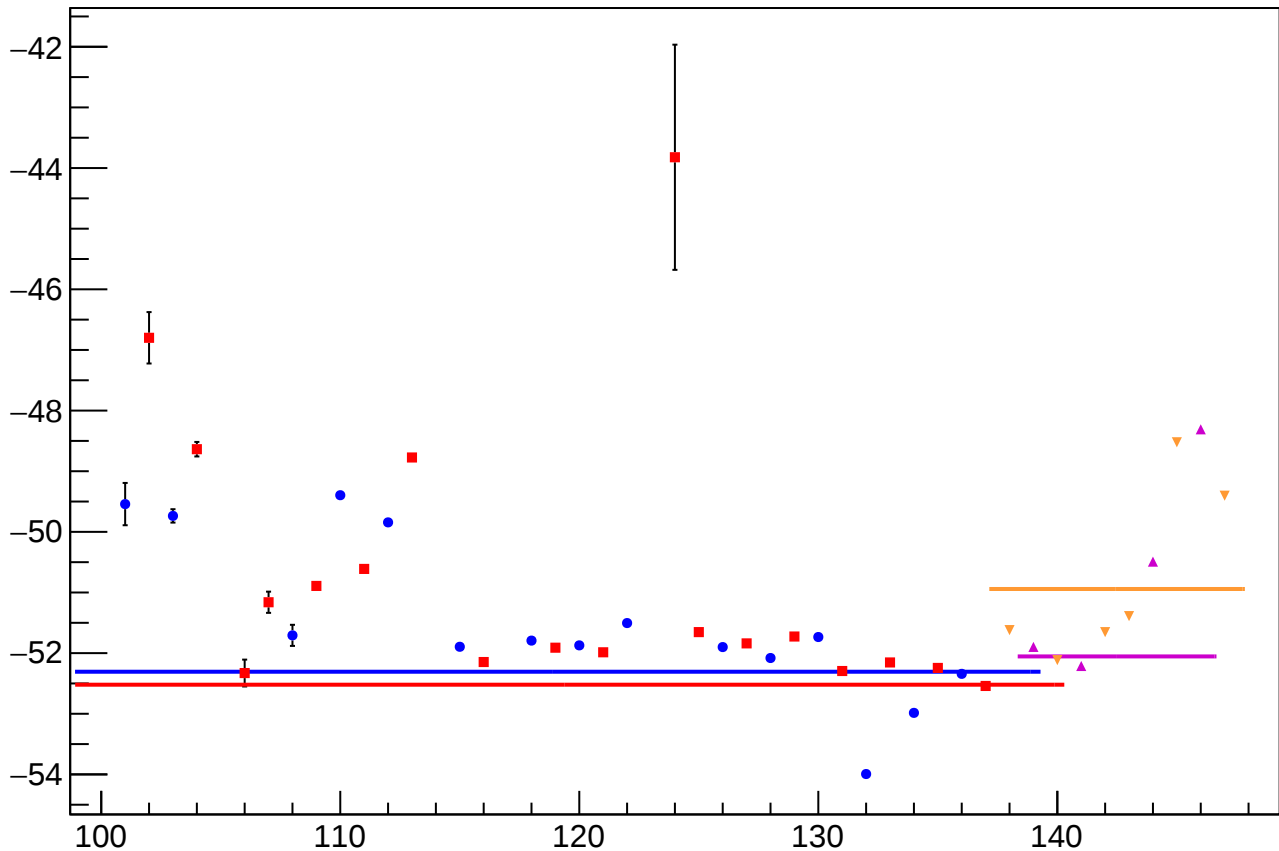
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.400 ± 0.001 χ^2/NDF : 5811.0/18

Out: 0.413 ± 0.001 χ^2/NDF : 7265.7/23

All: 0.407 ± 0.001 χ^2/NDF : 13153.9/42

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -50.942 $\pm$ 0.004 χ^2 /NDF:62767.4/5

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -52.054 $\pm$ 0.005 χ^2 /NDF:10143.4/3

Left: -51.360 $\pm$ 0.003 χ^2 /NDF: 102849.9/9

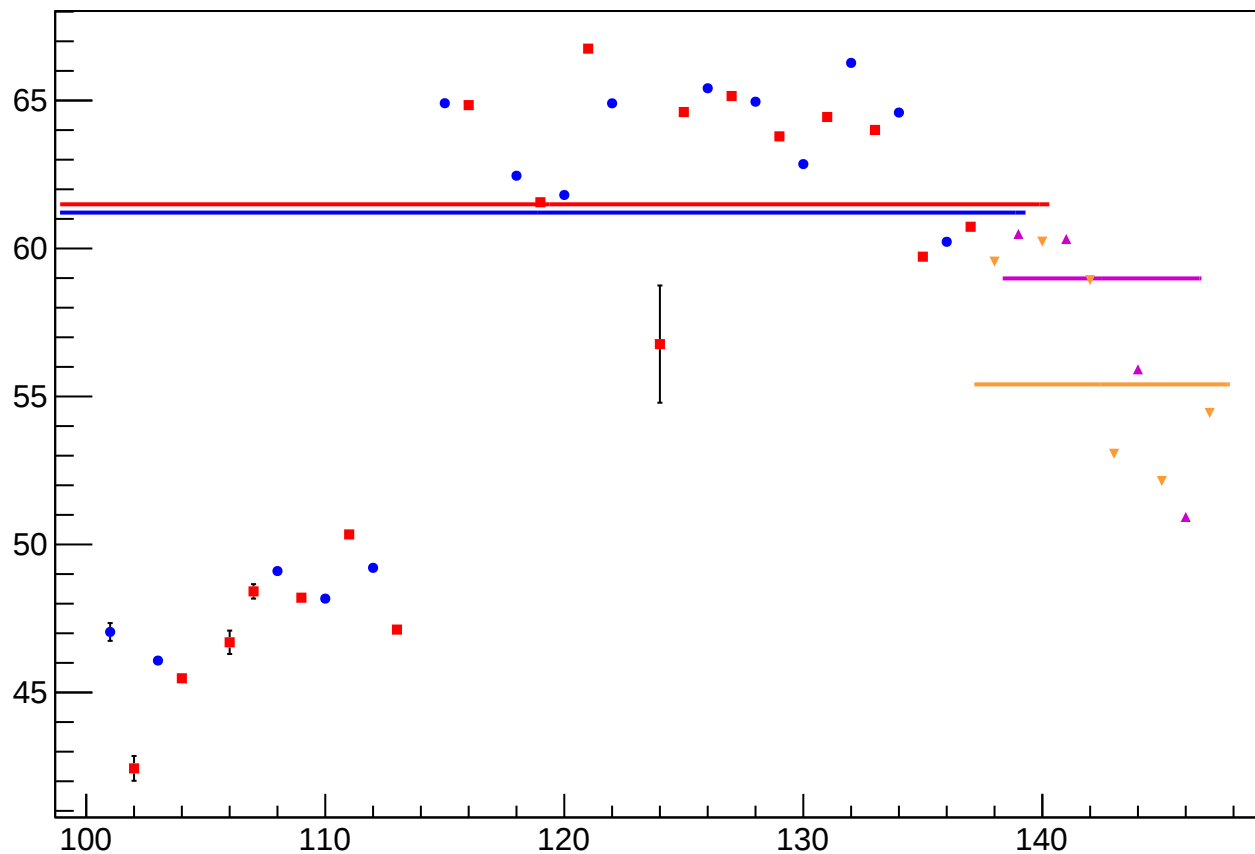
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -52.214 $\pm$ 0.003 χ^2 /NDF:37129.4/18

Out: -52.406 $\pm$ 0.001 χ^2 /NDF:226730.9/23

All: -52.385 $\pm$ 0.001 χ^2 /NDF: 267330.9/42

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 55.409 $\pm$ 0.007 χ^2 /NDF:188077.8/5

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 58.989 $\pm$ 0.022 χ^2 /NDF:17885.8/3

Left: 55.756 $\pm$ 0.007 χ^2 /NDF: 230277.1/9

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 60.831 $\pm$ 0.009 χ^2 /NDF:183124.0/18

Out: 58.641 $\pm$ 0.005 χ^2 /NDF:816153.9/23

All: 59.138 $\pm$ 0.004 χ^2 /NDF: 1044719.3/42

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

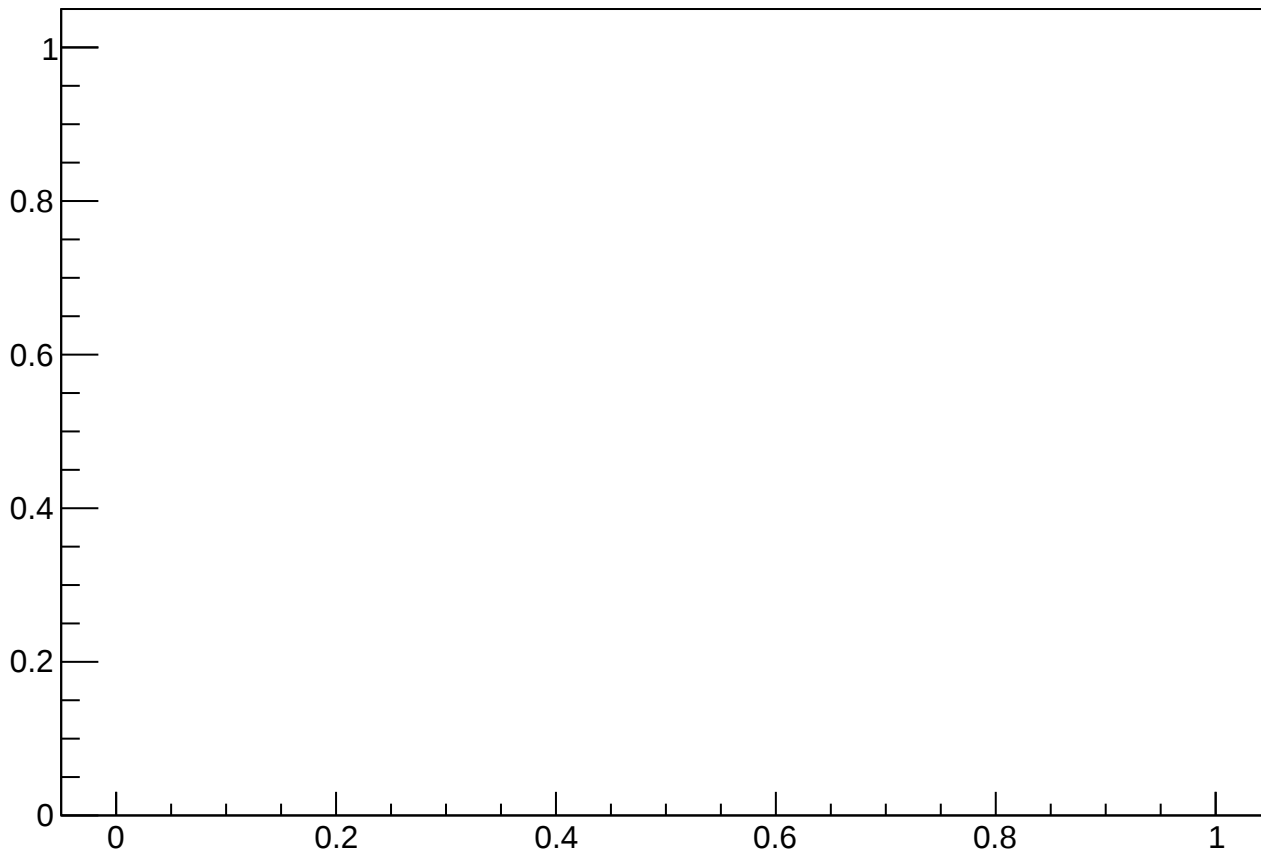
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

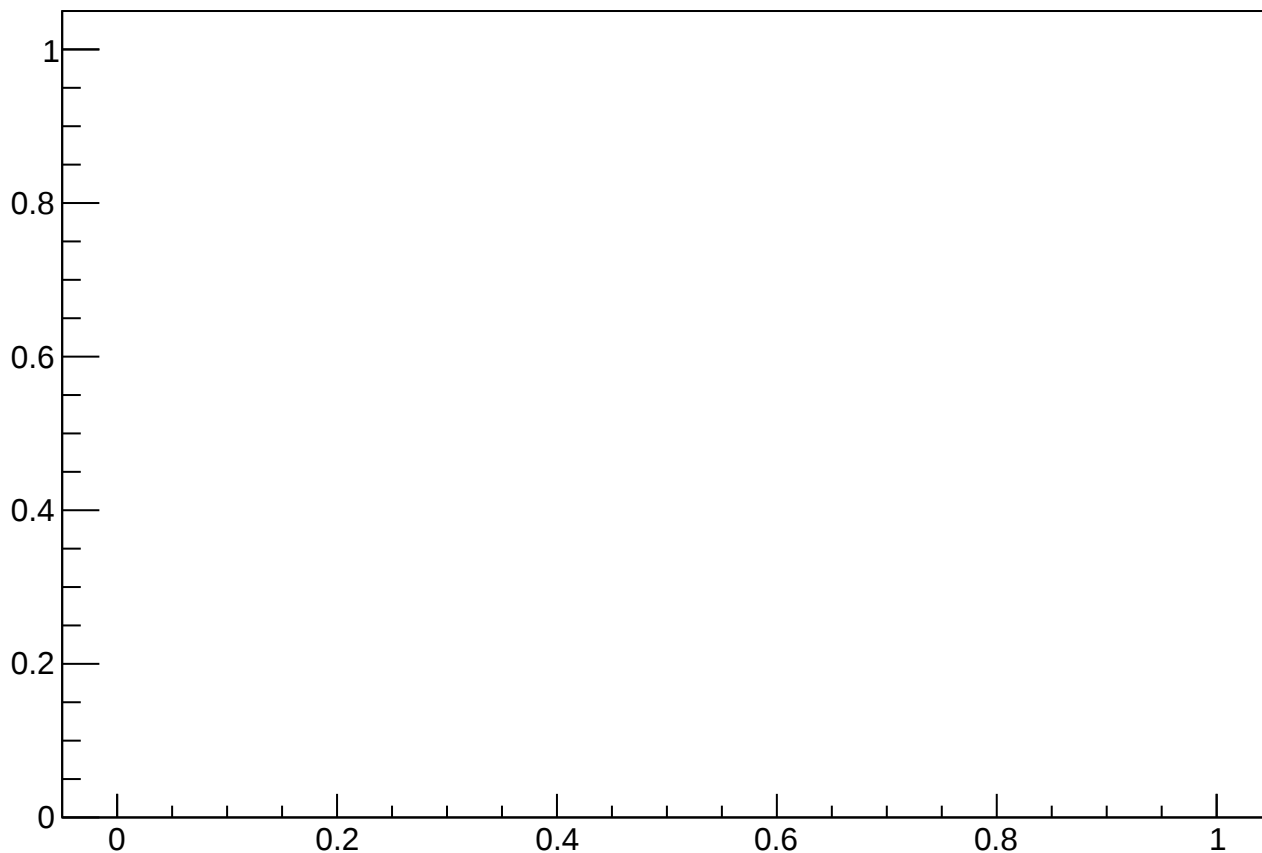
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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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_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

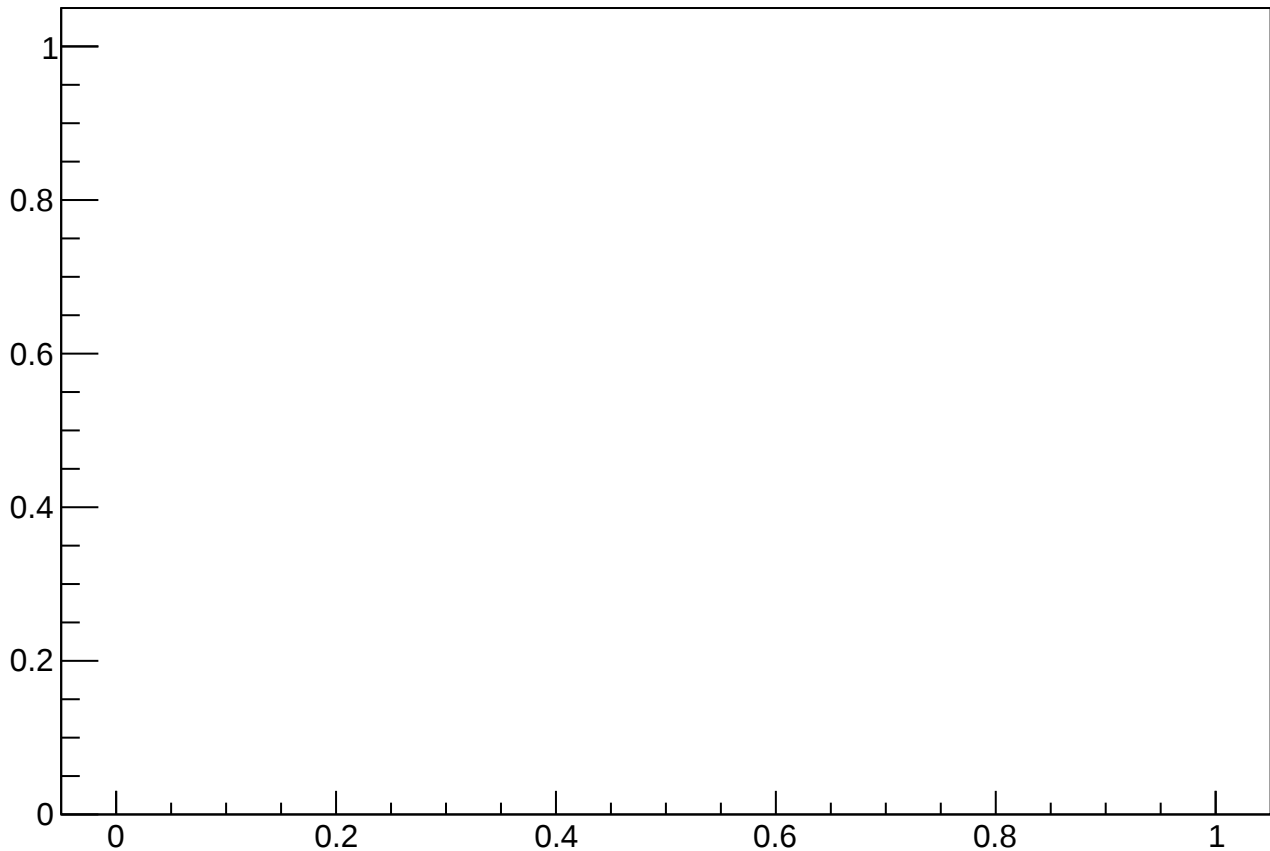
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

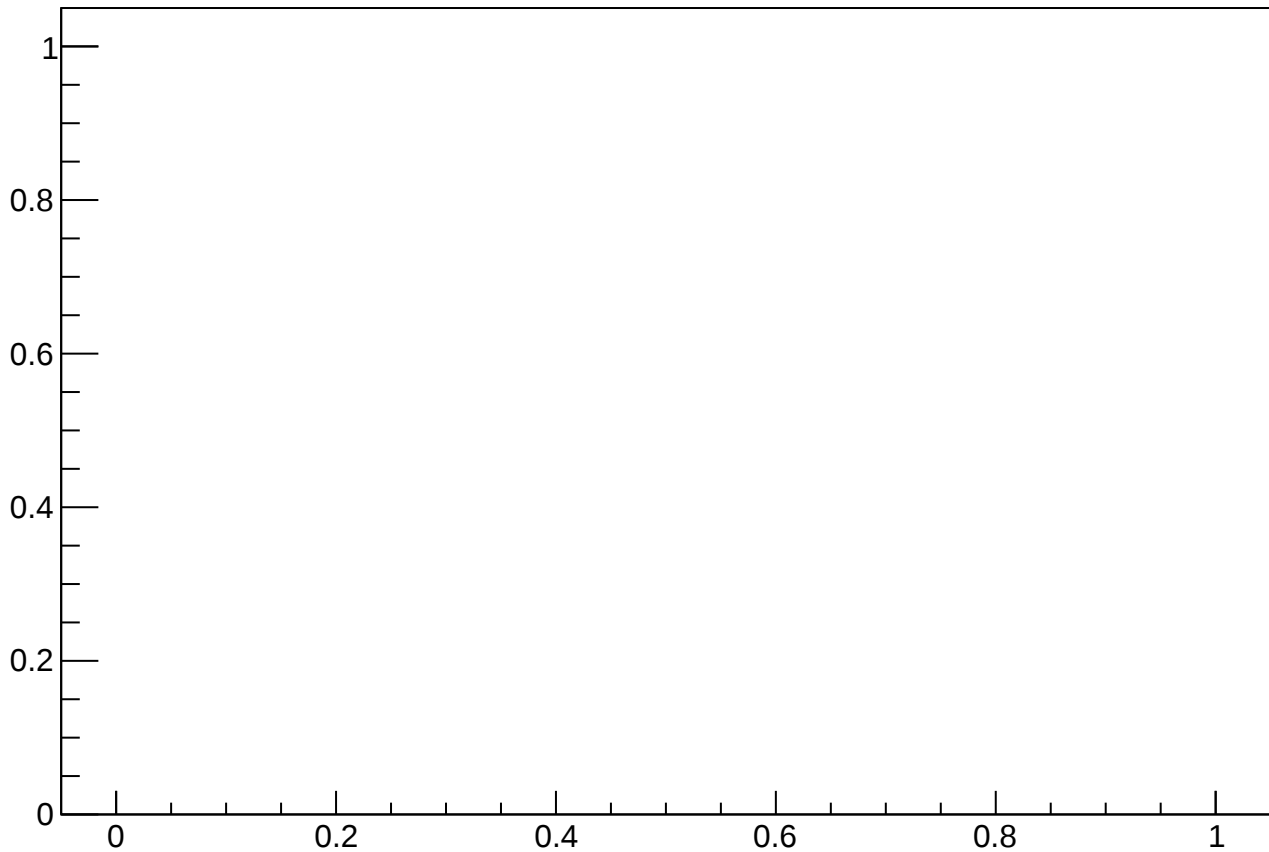
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

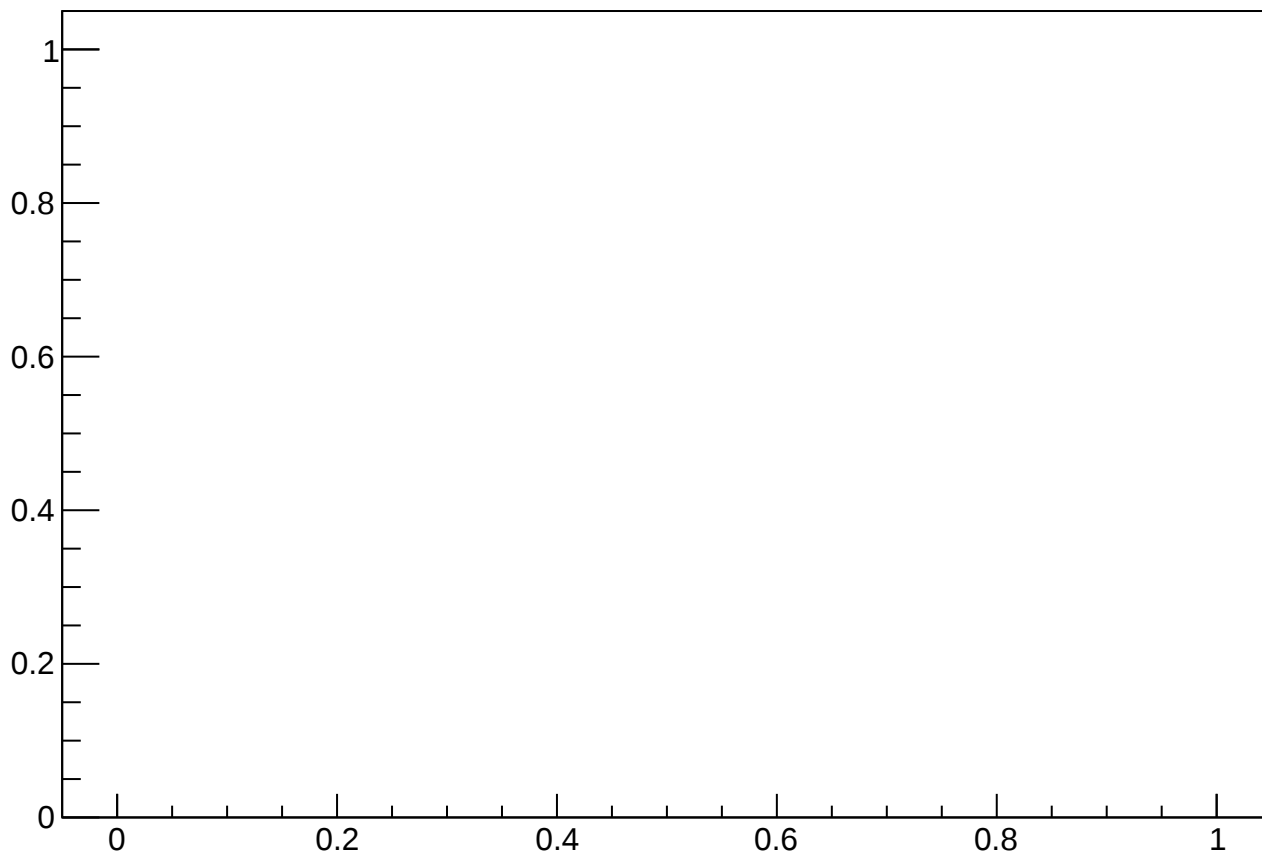
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

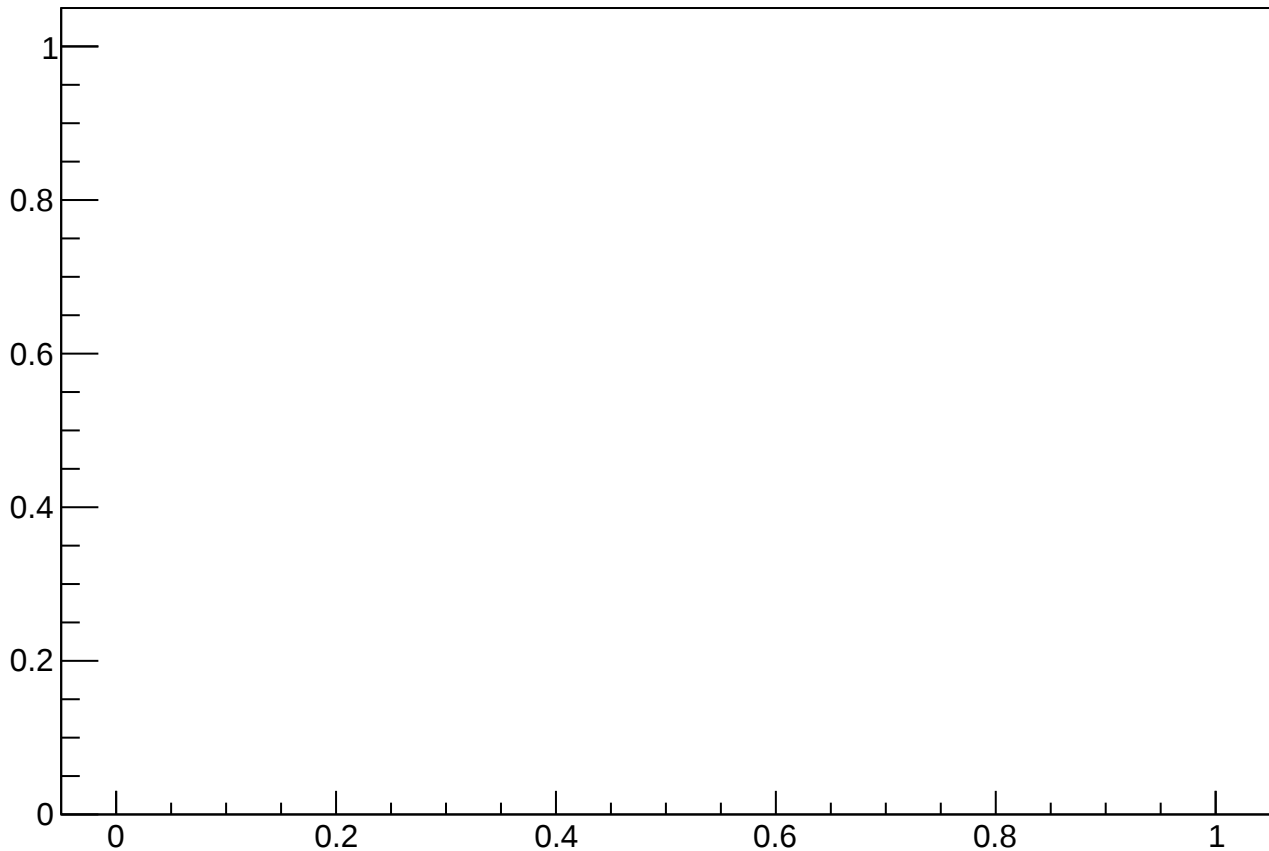
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

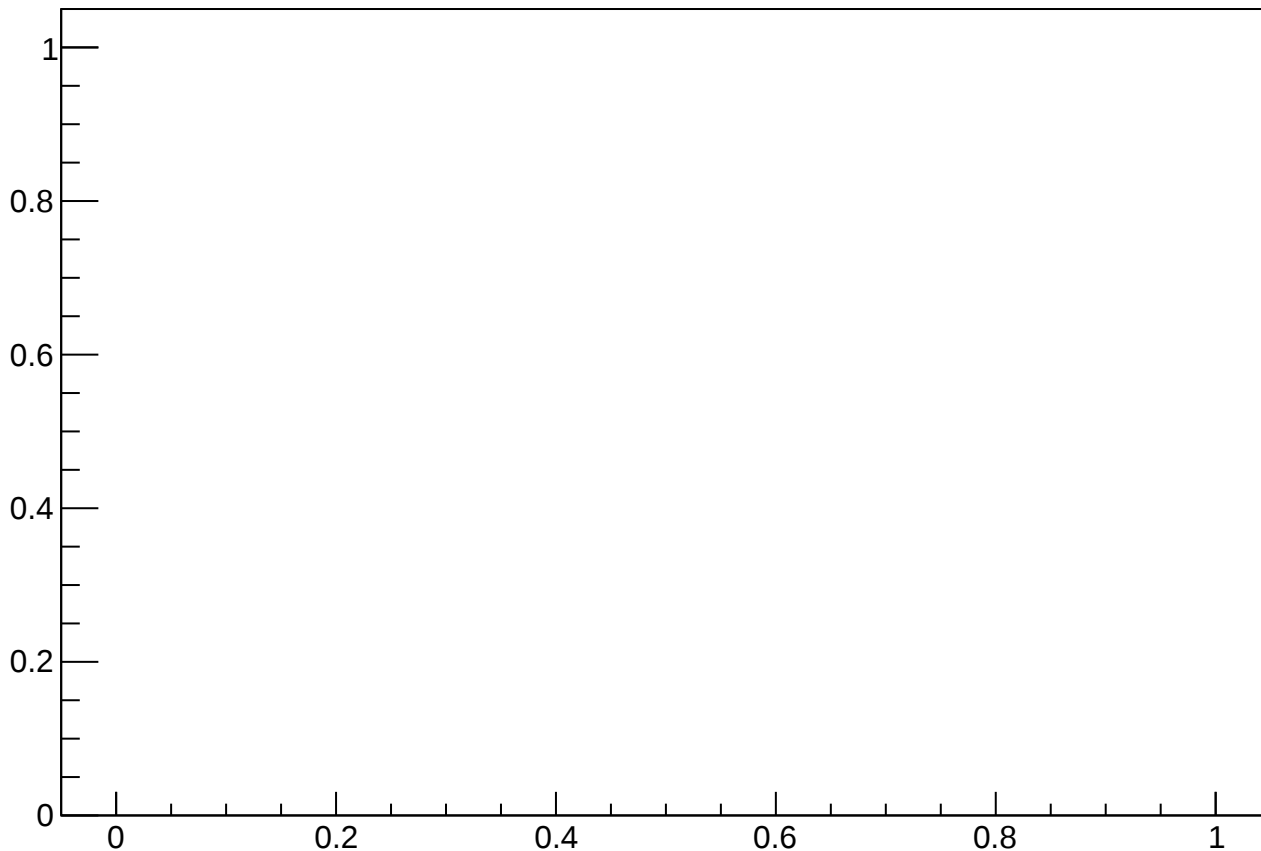
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

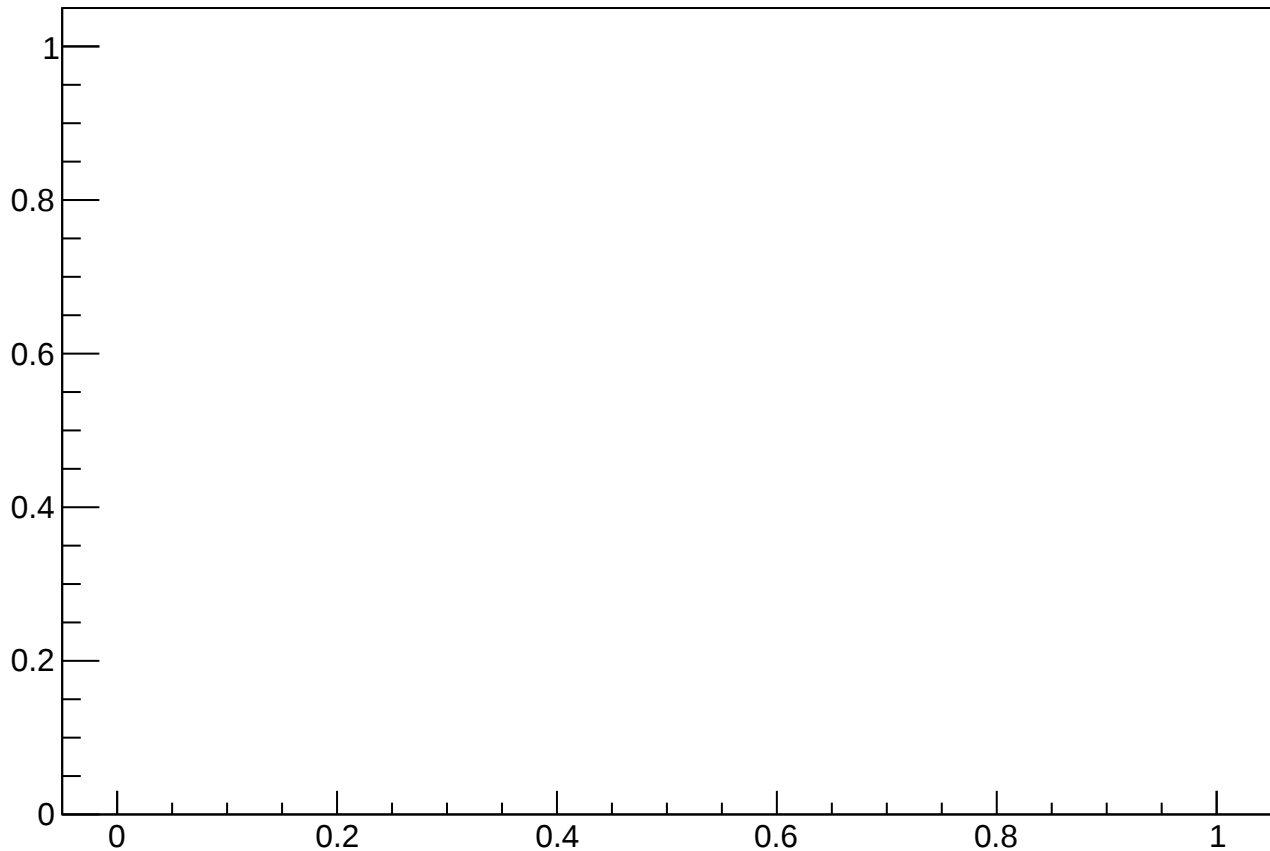
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

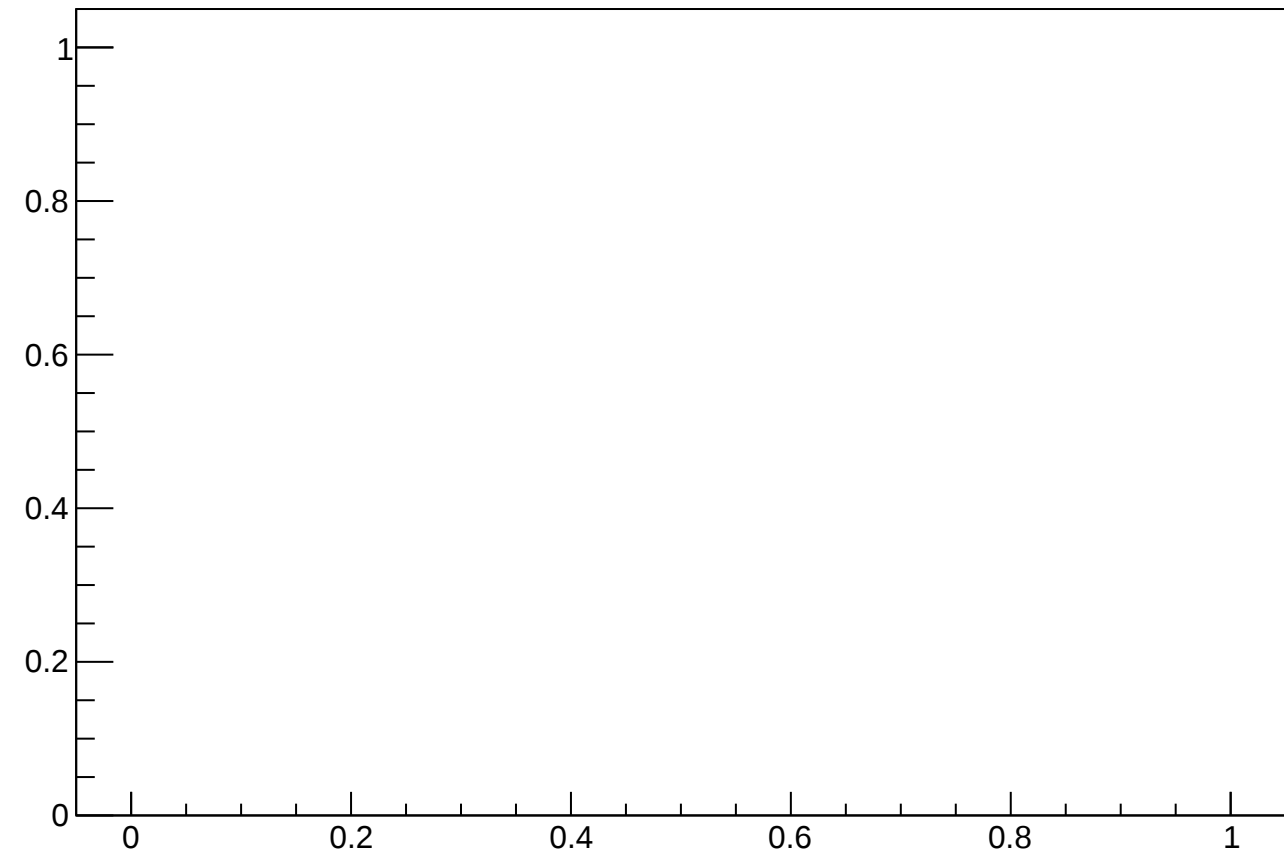
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

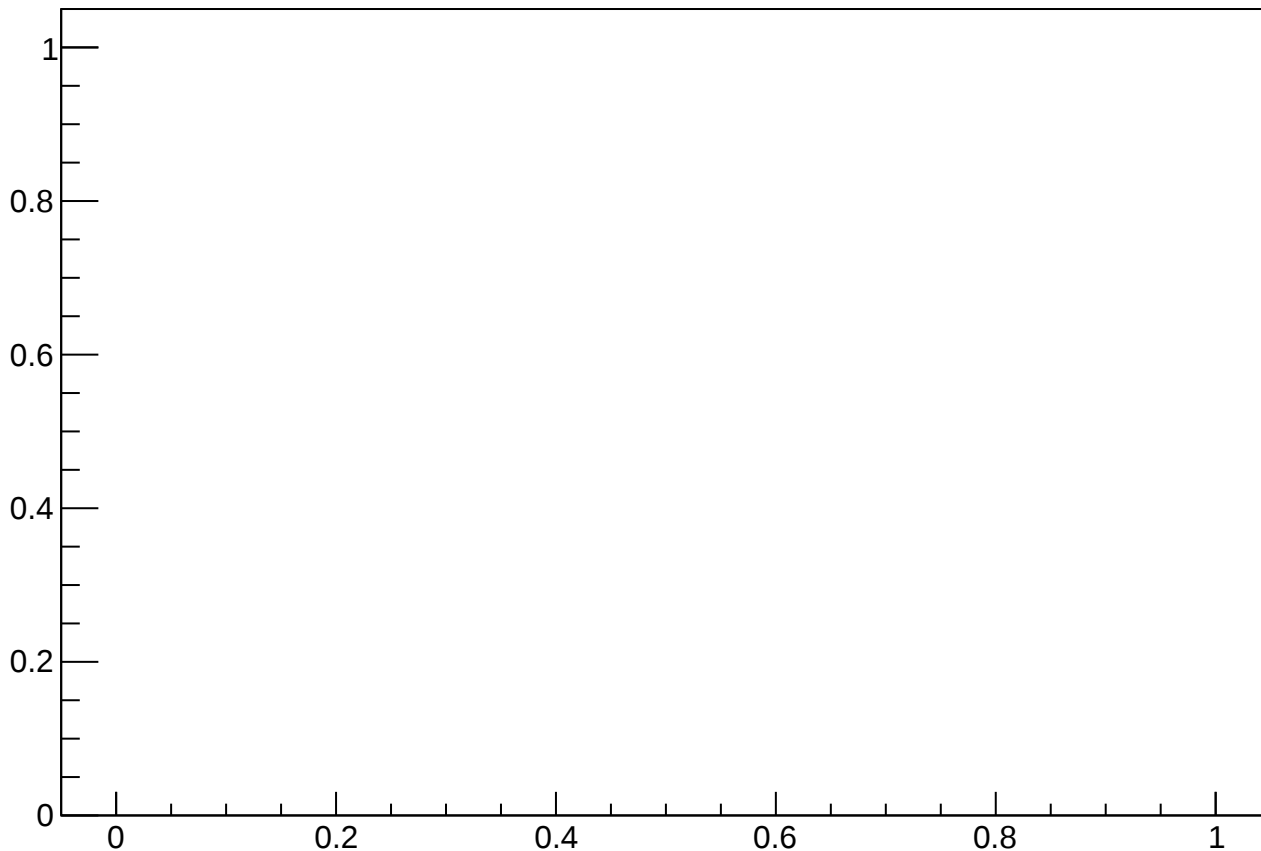
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

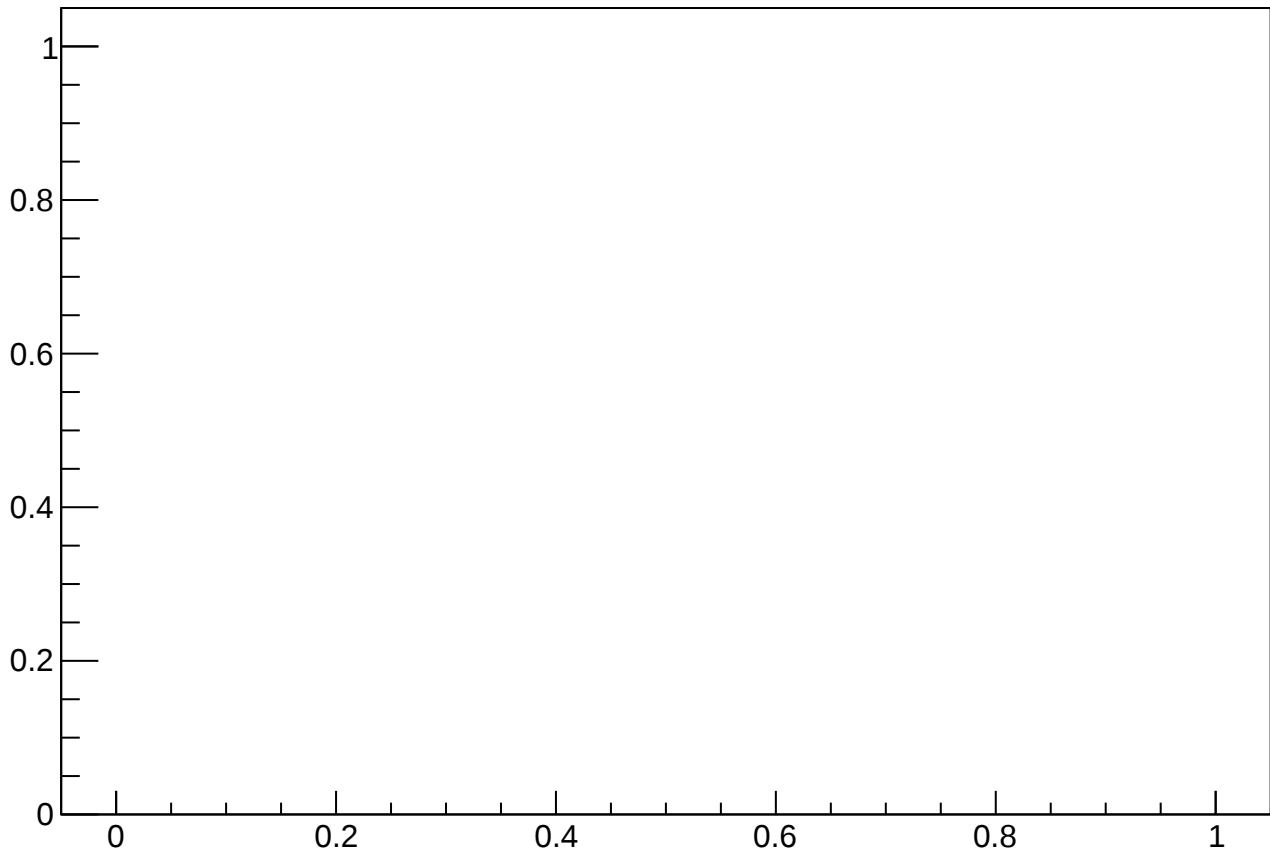
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

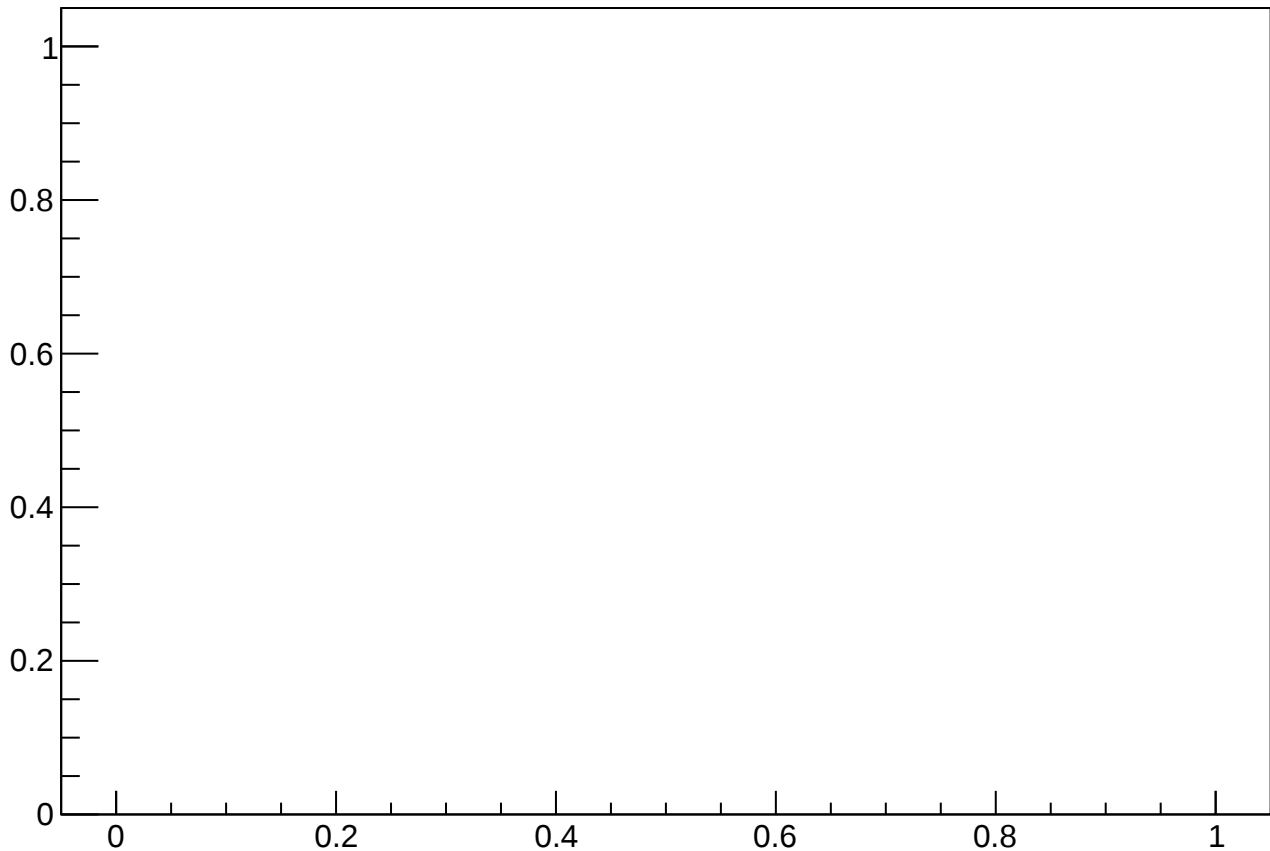
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

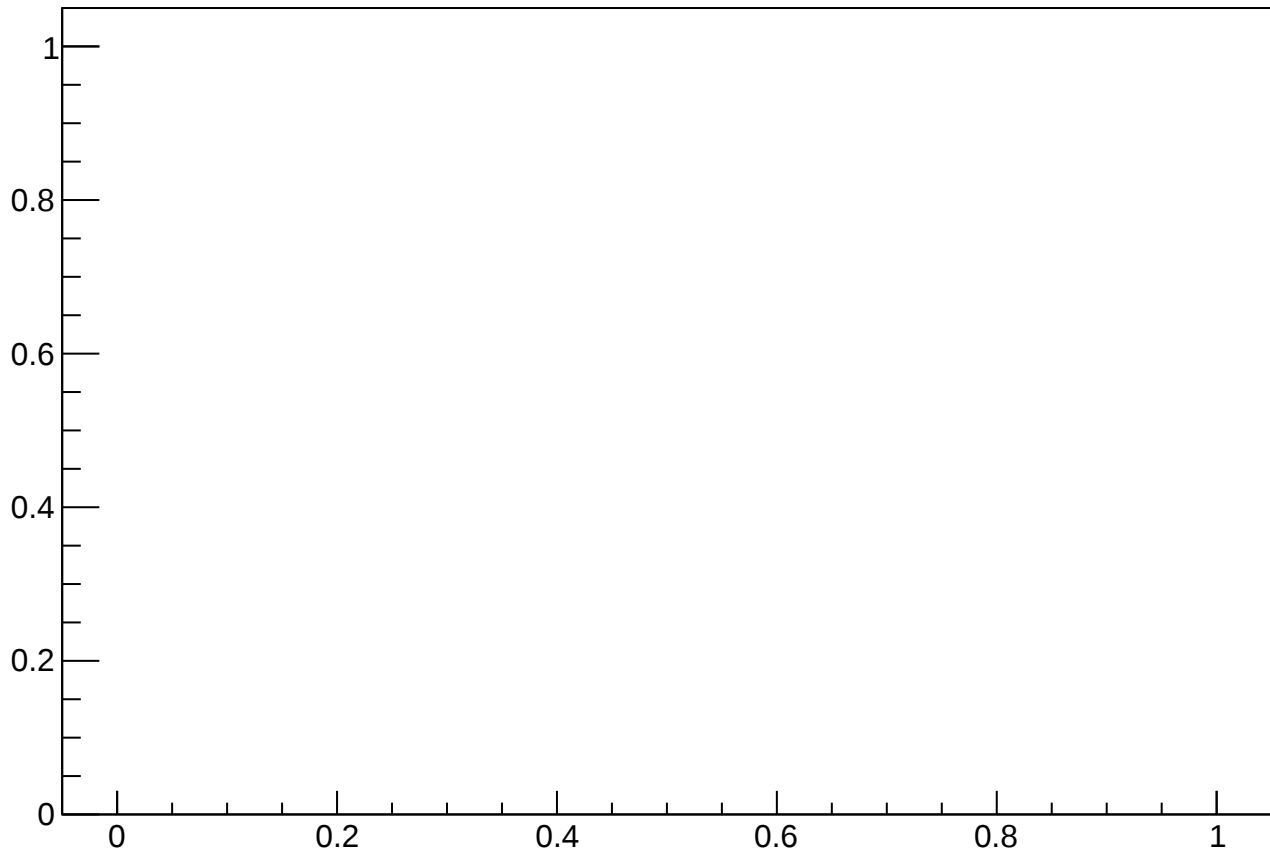
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

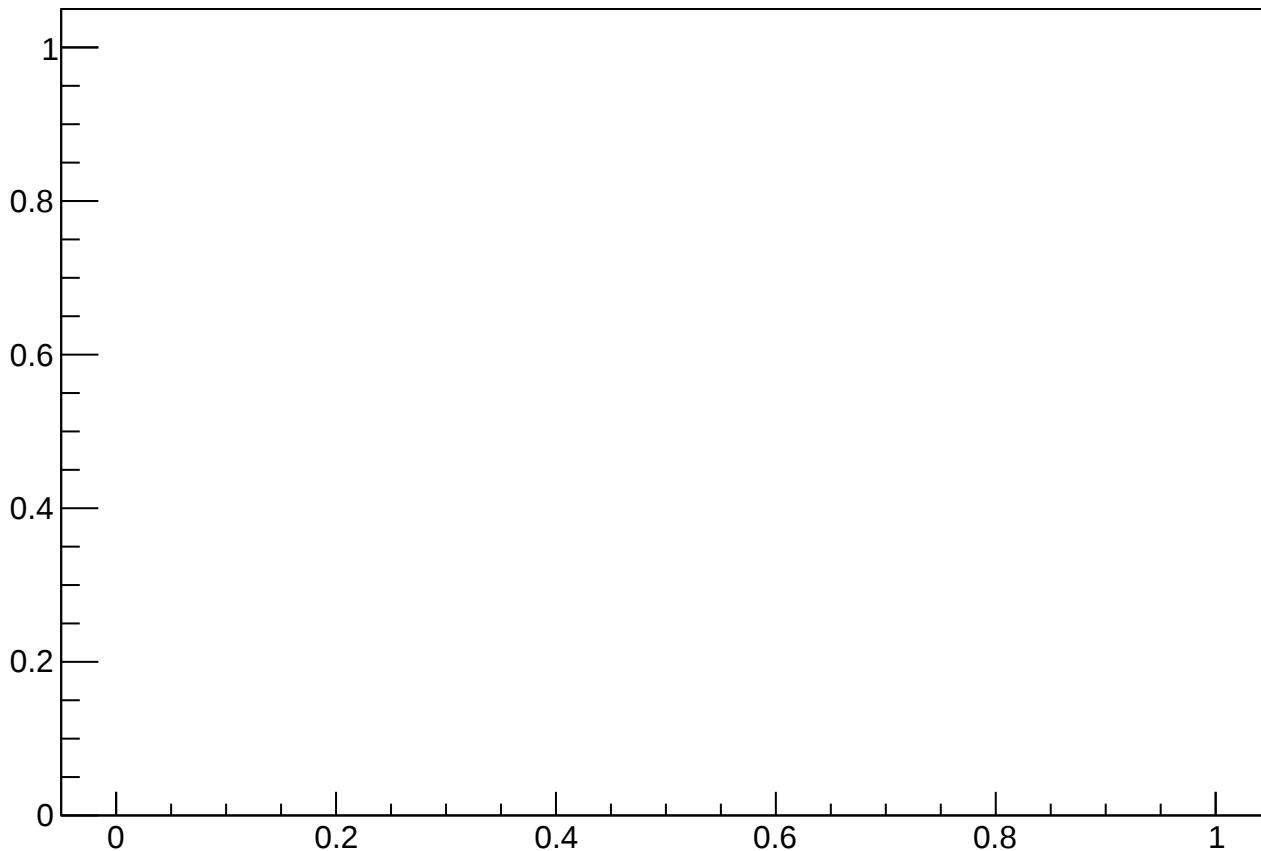
dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

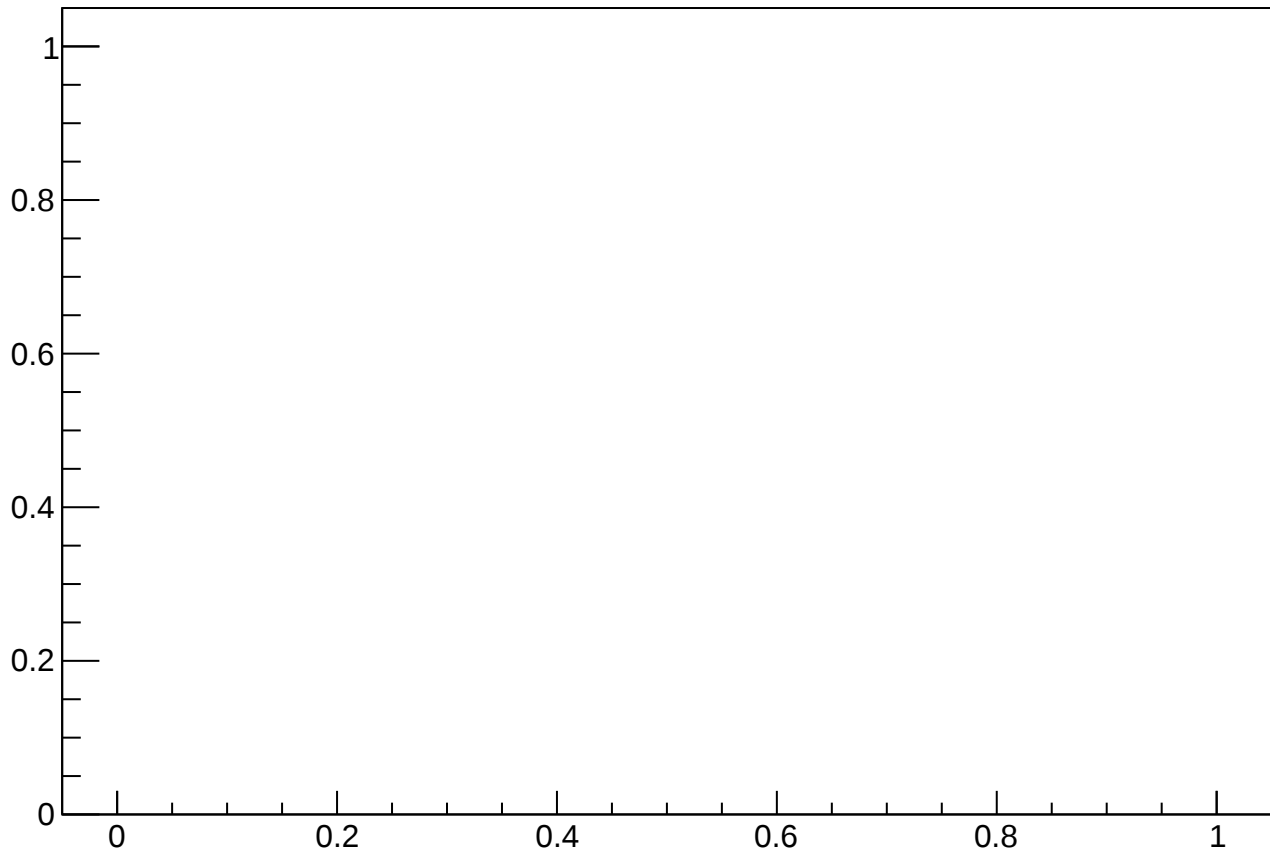
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

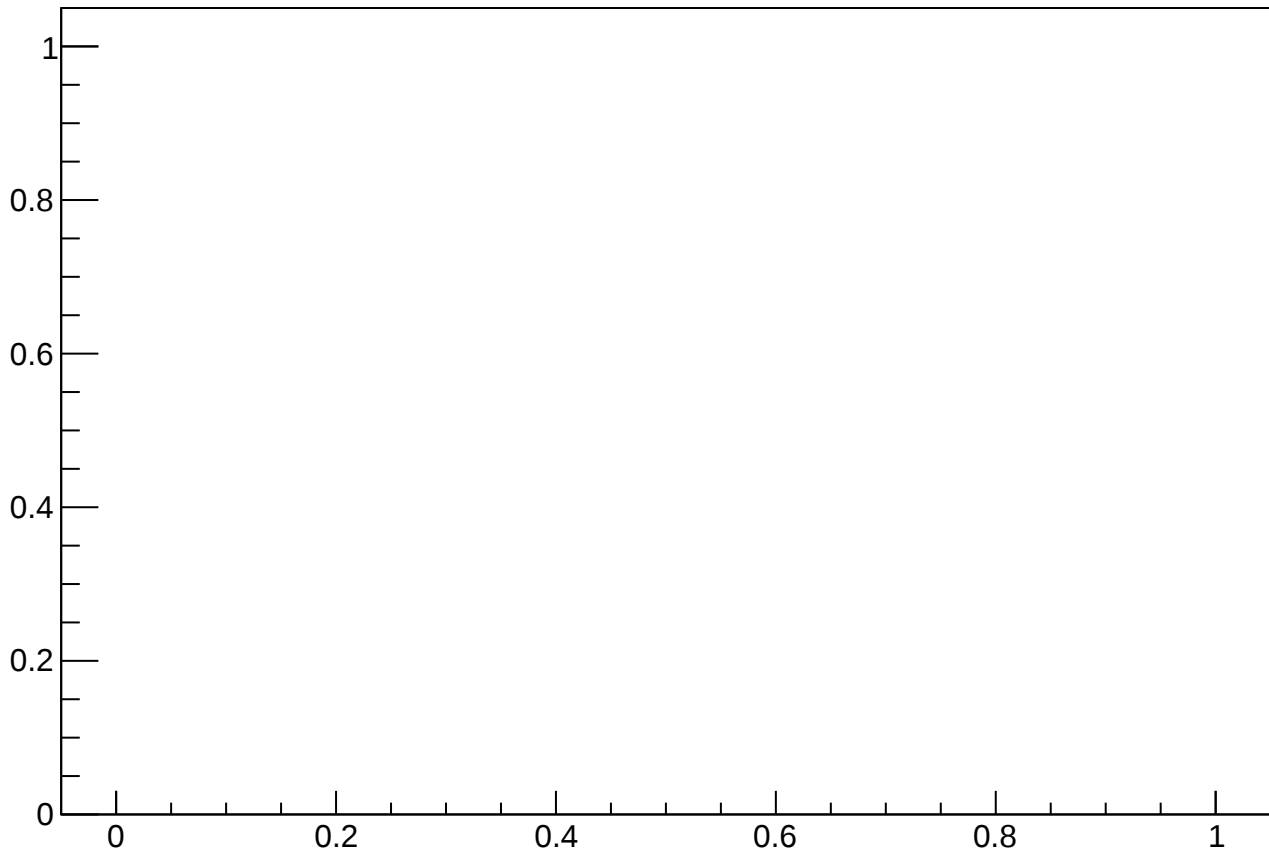
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

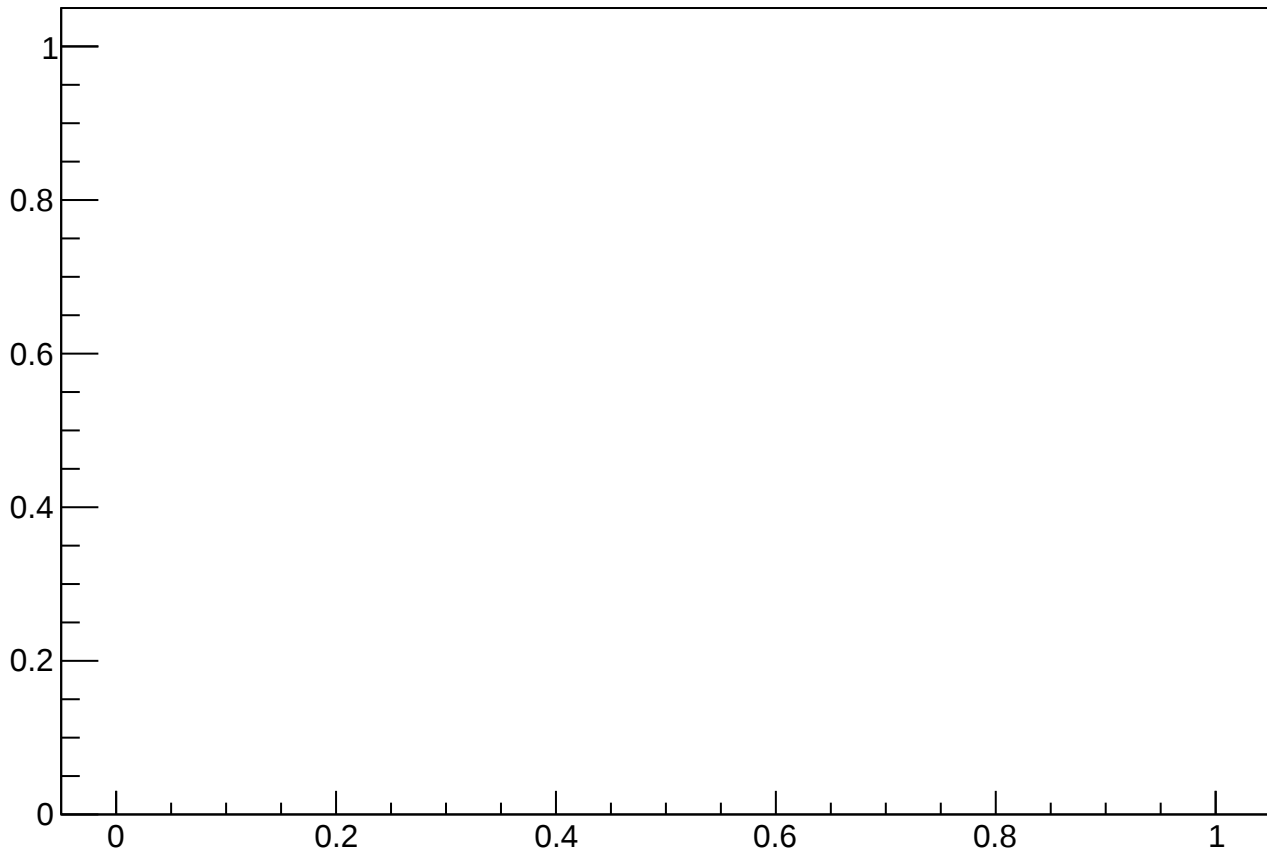
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

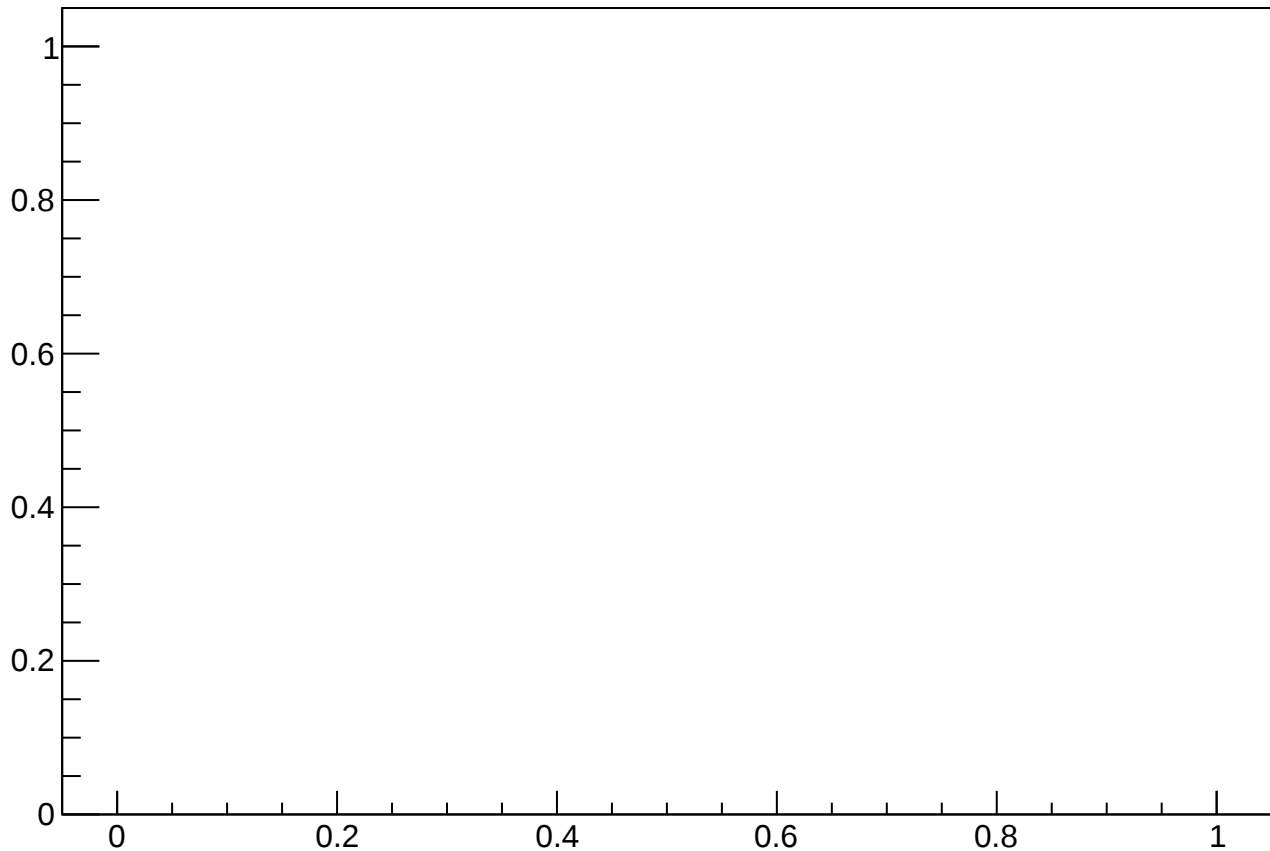
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

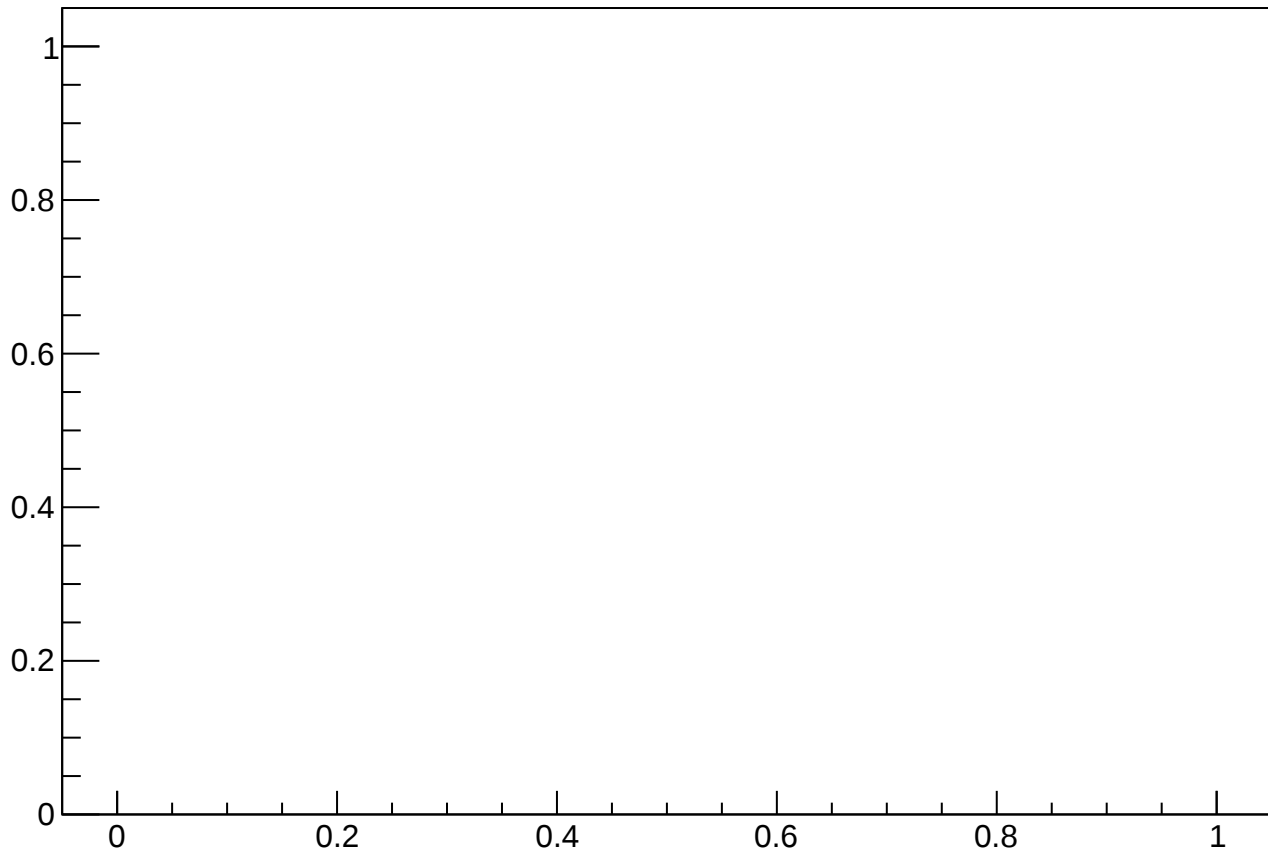
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

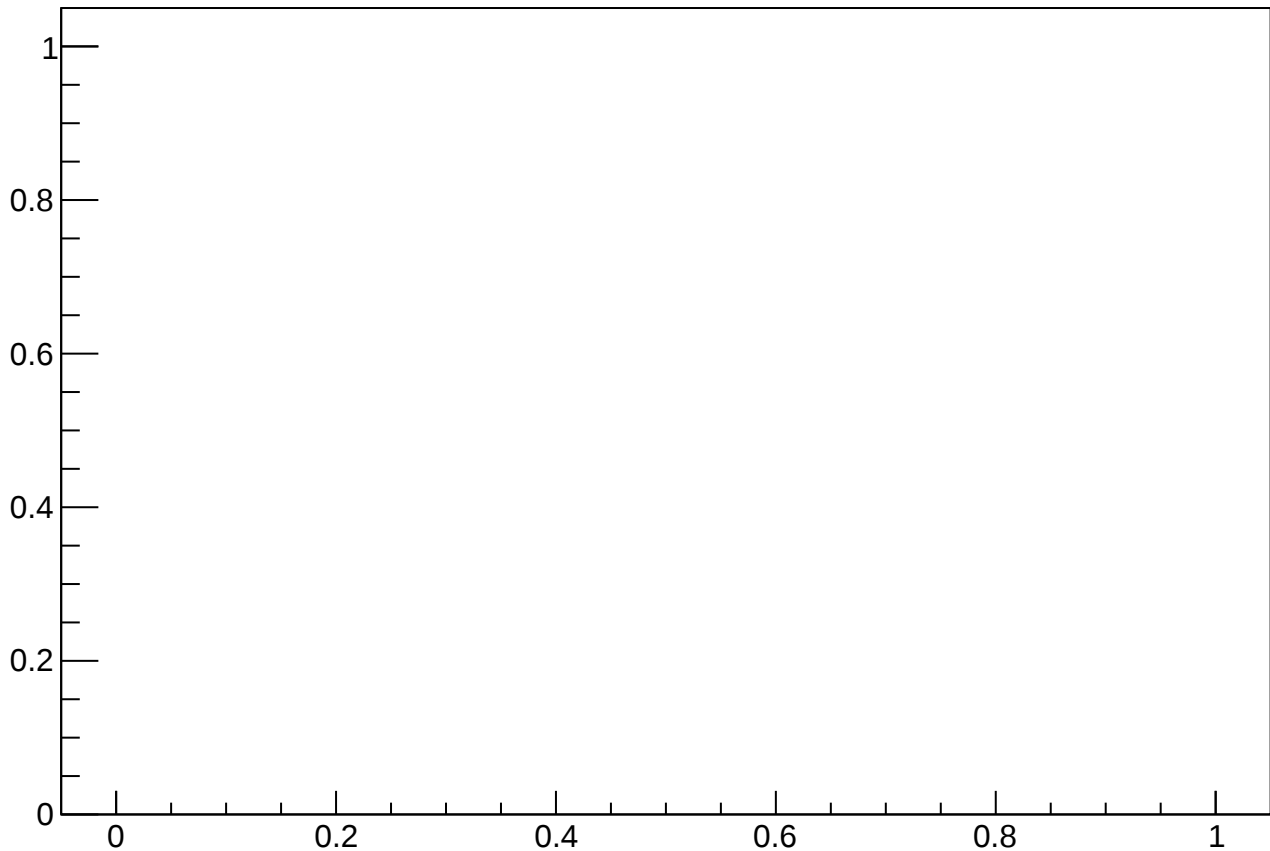
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

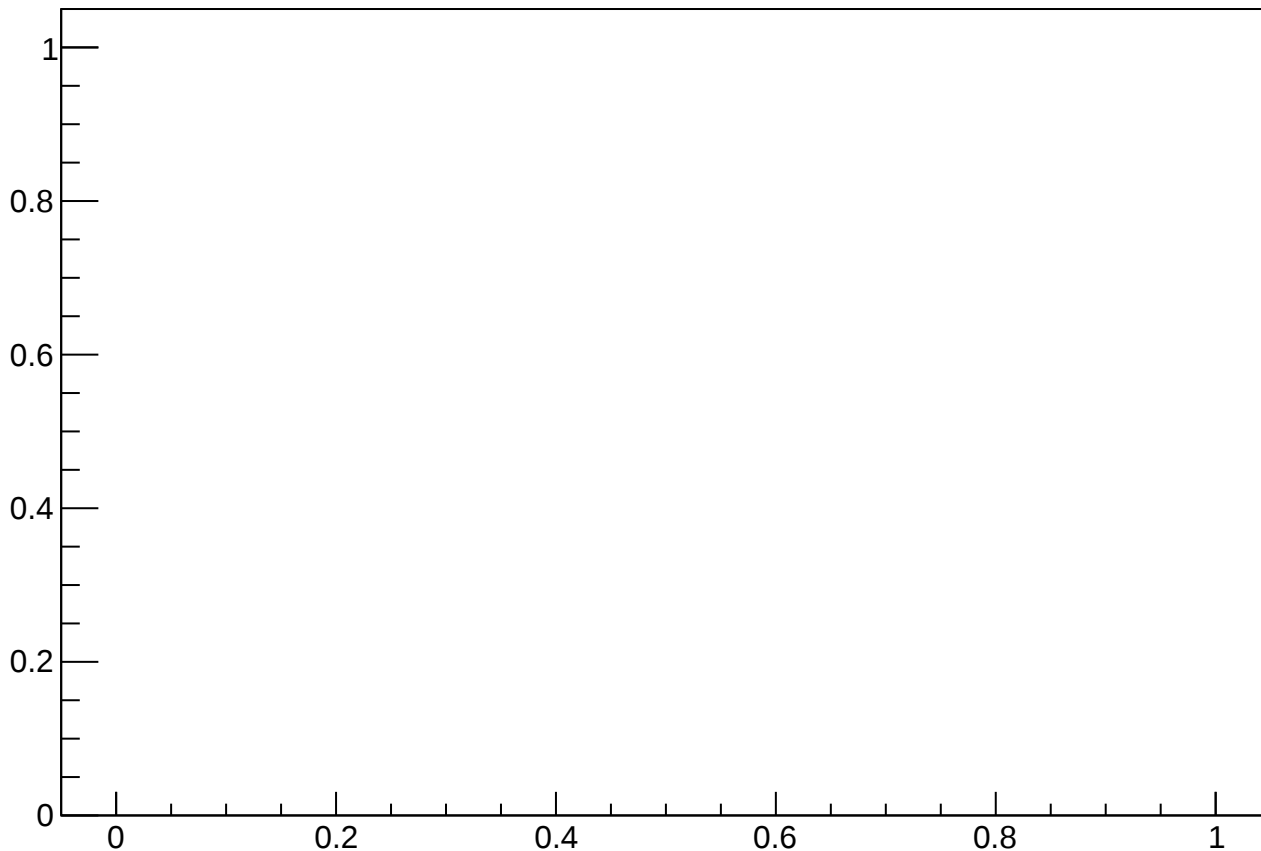
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

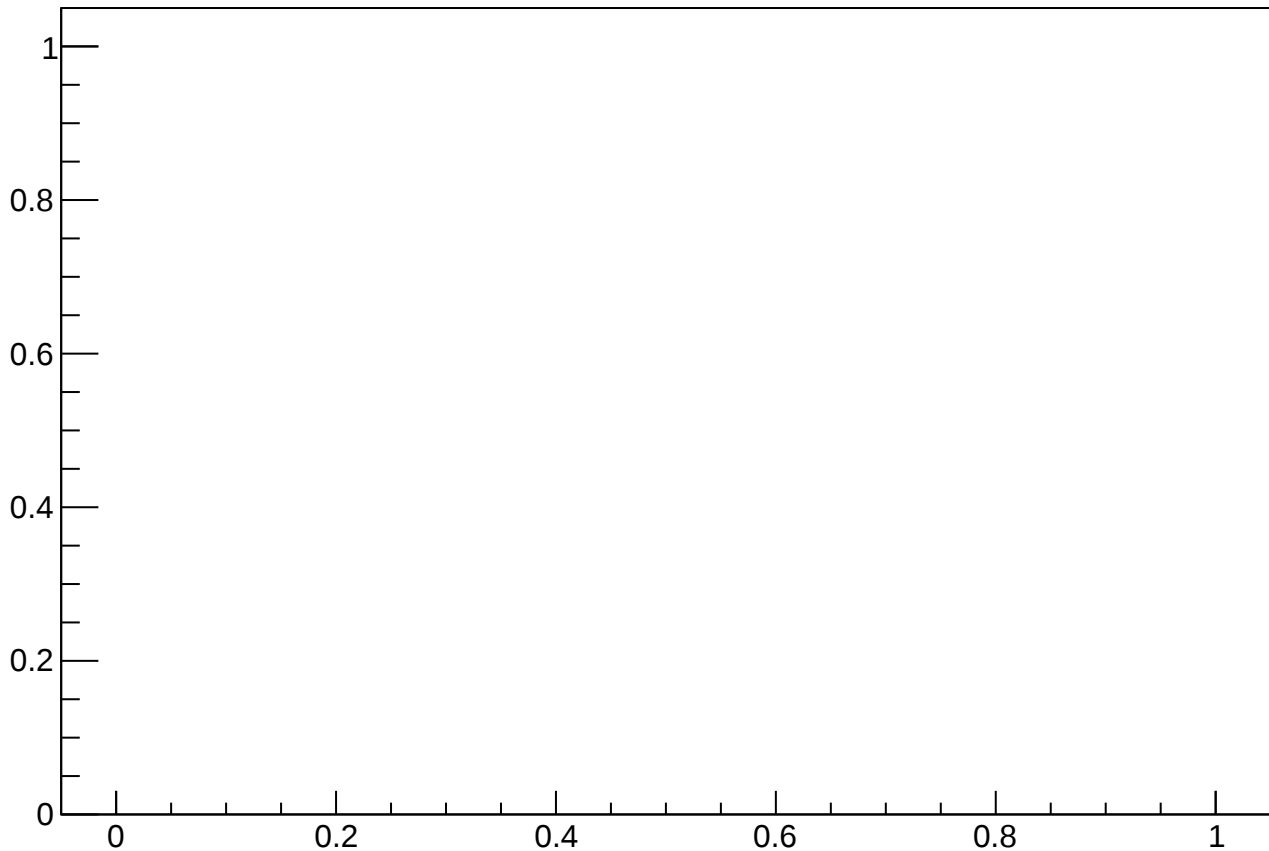
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

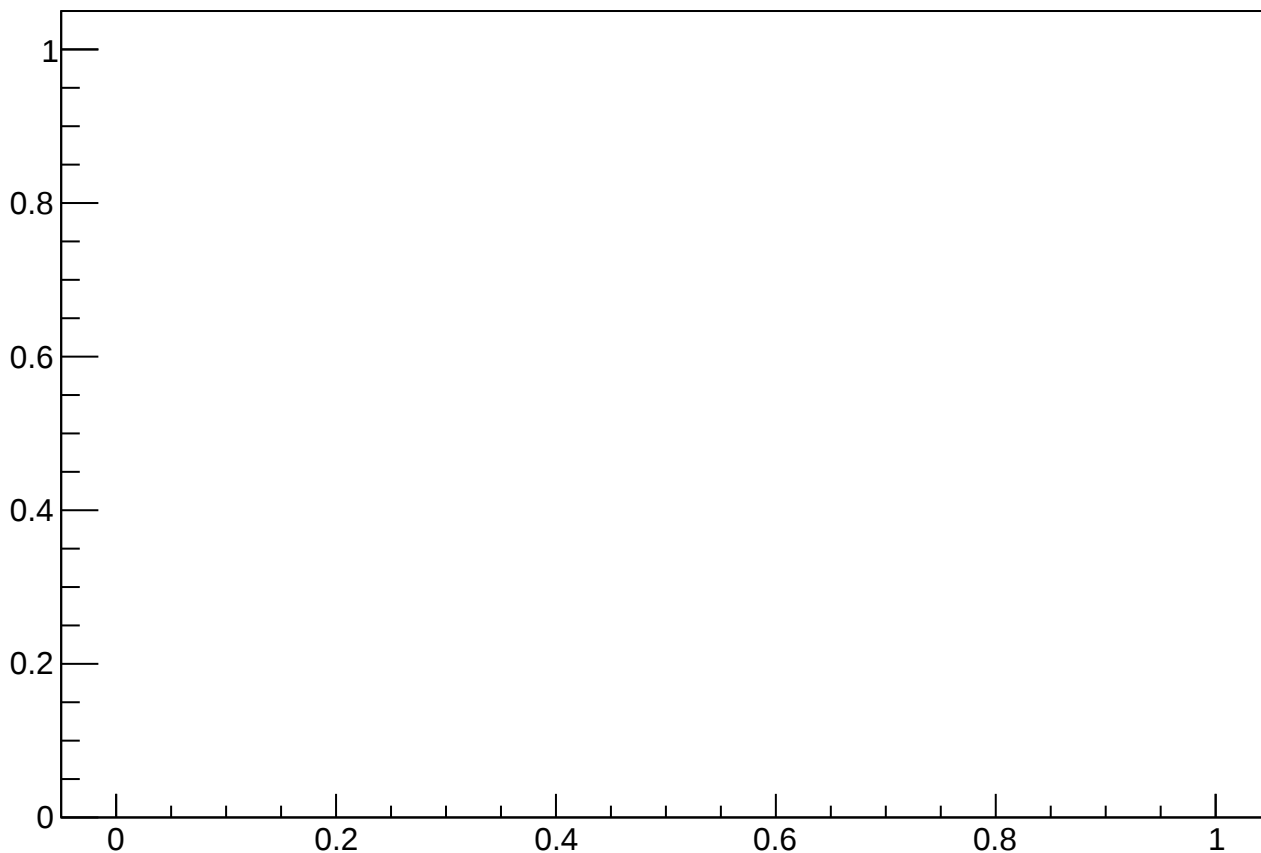
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

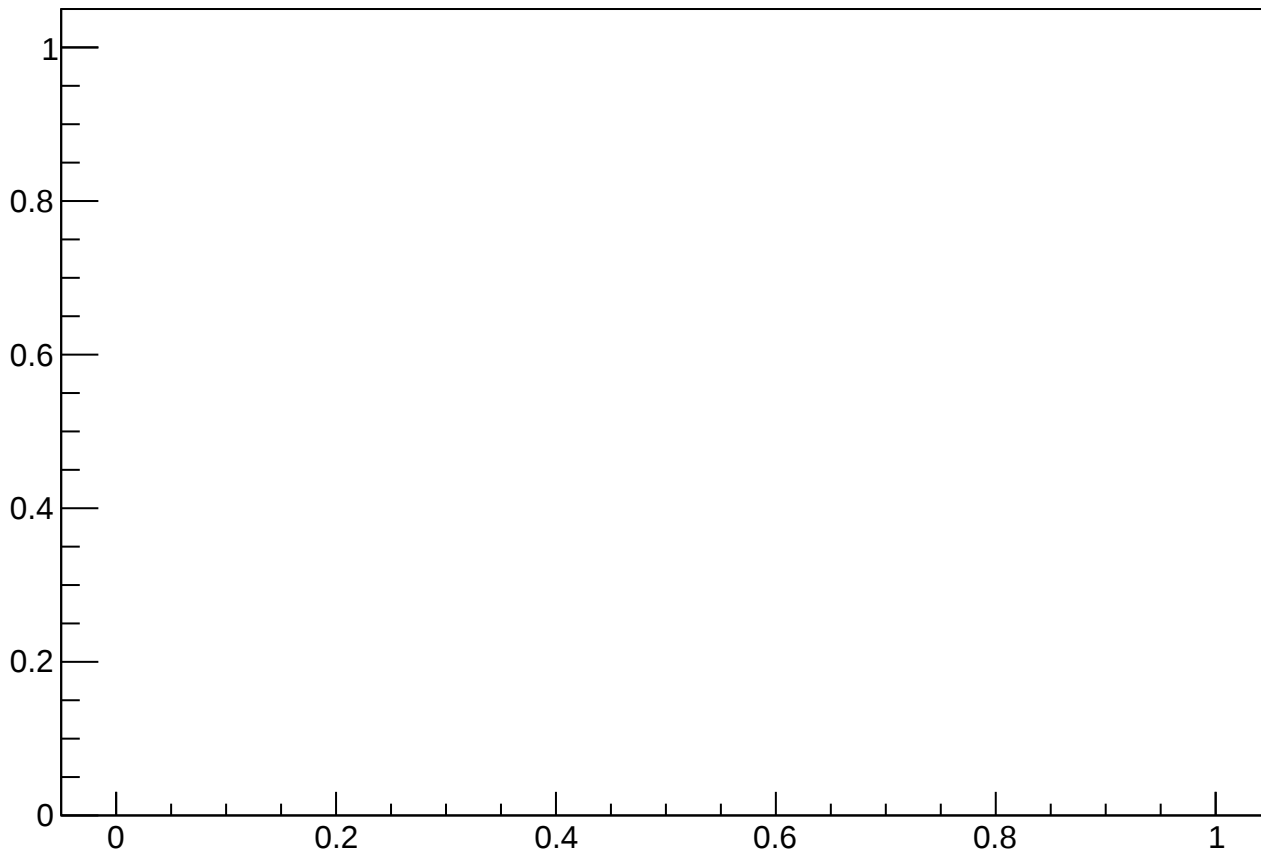
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

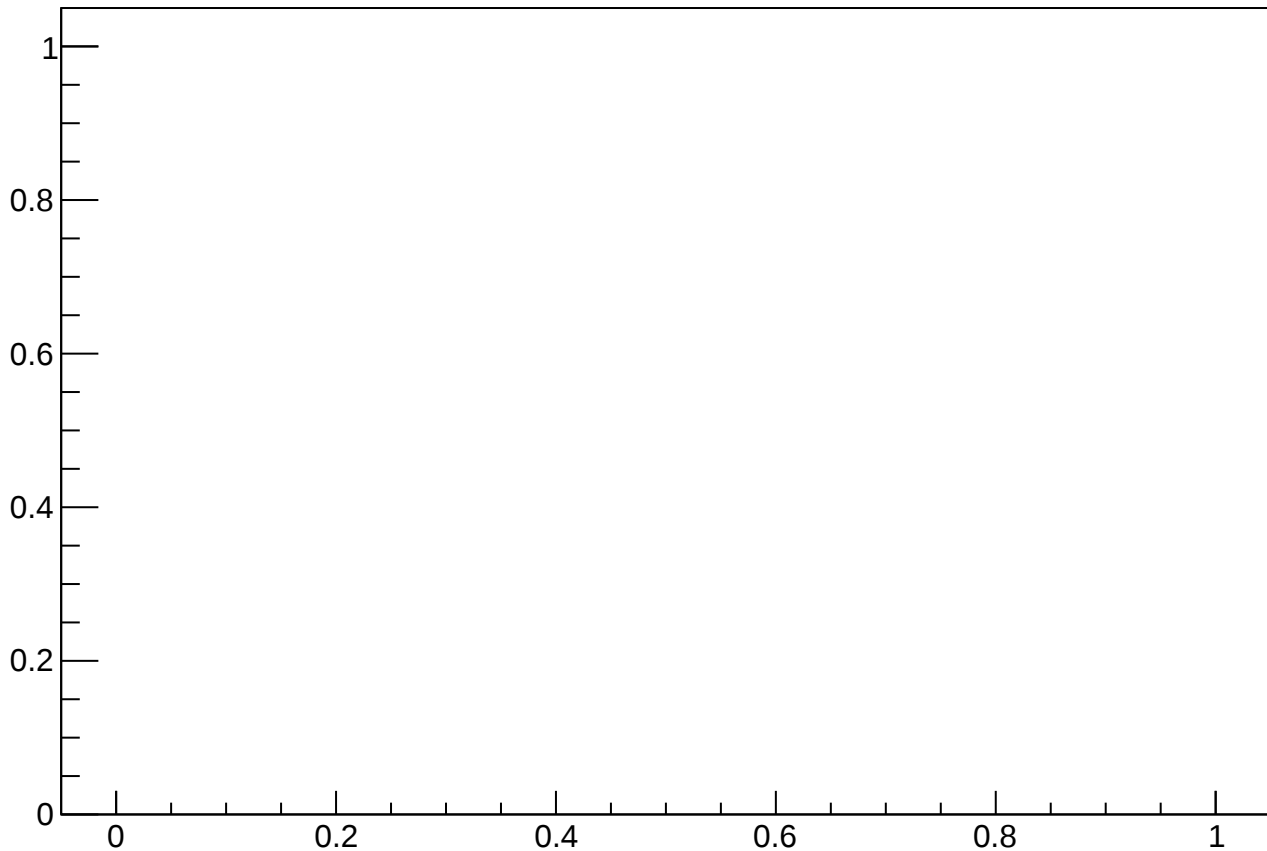
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

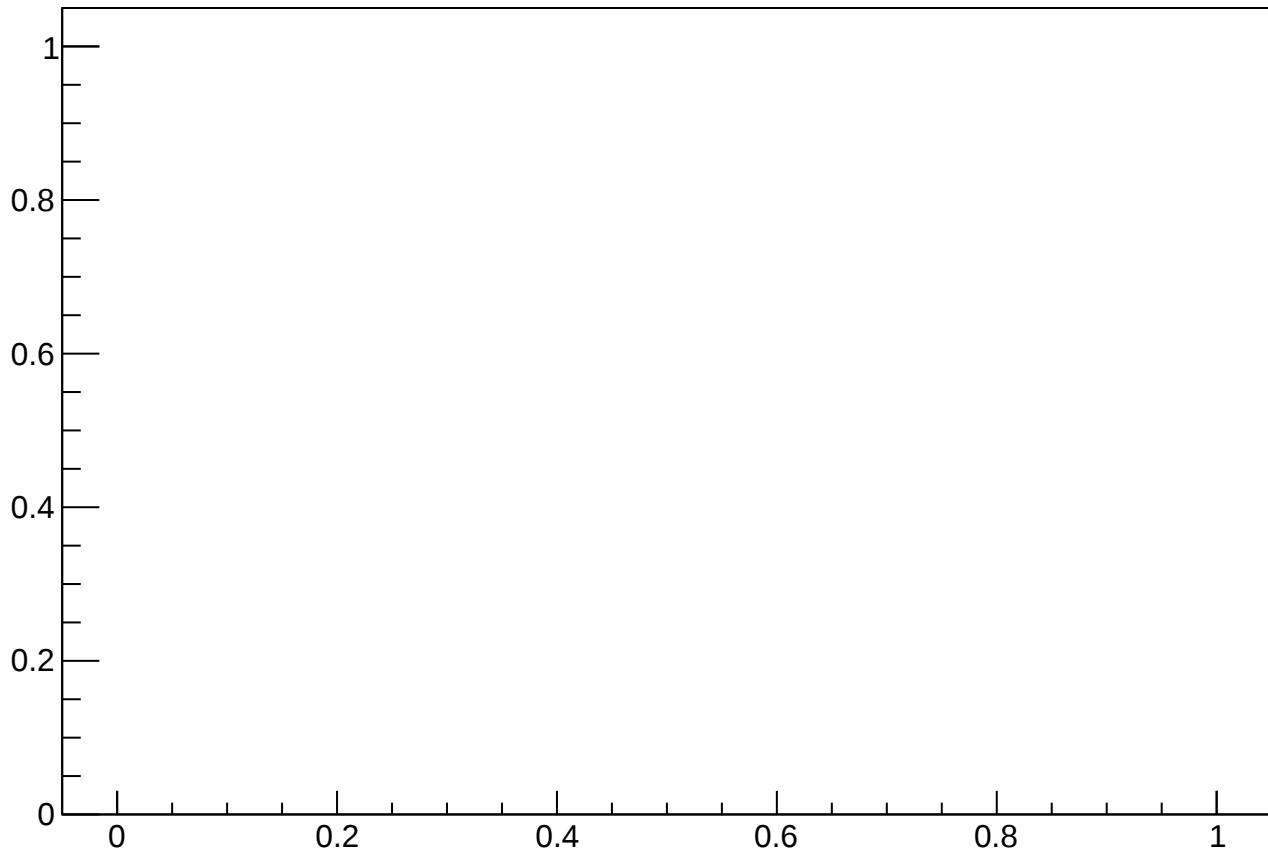
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

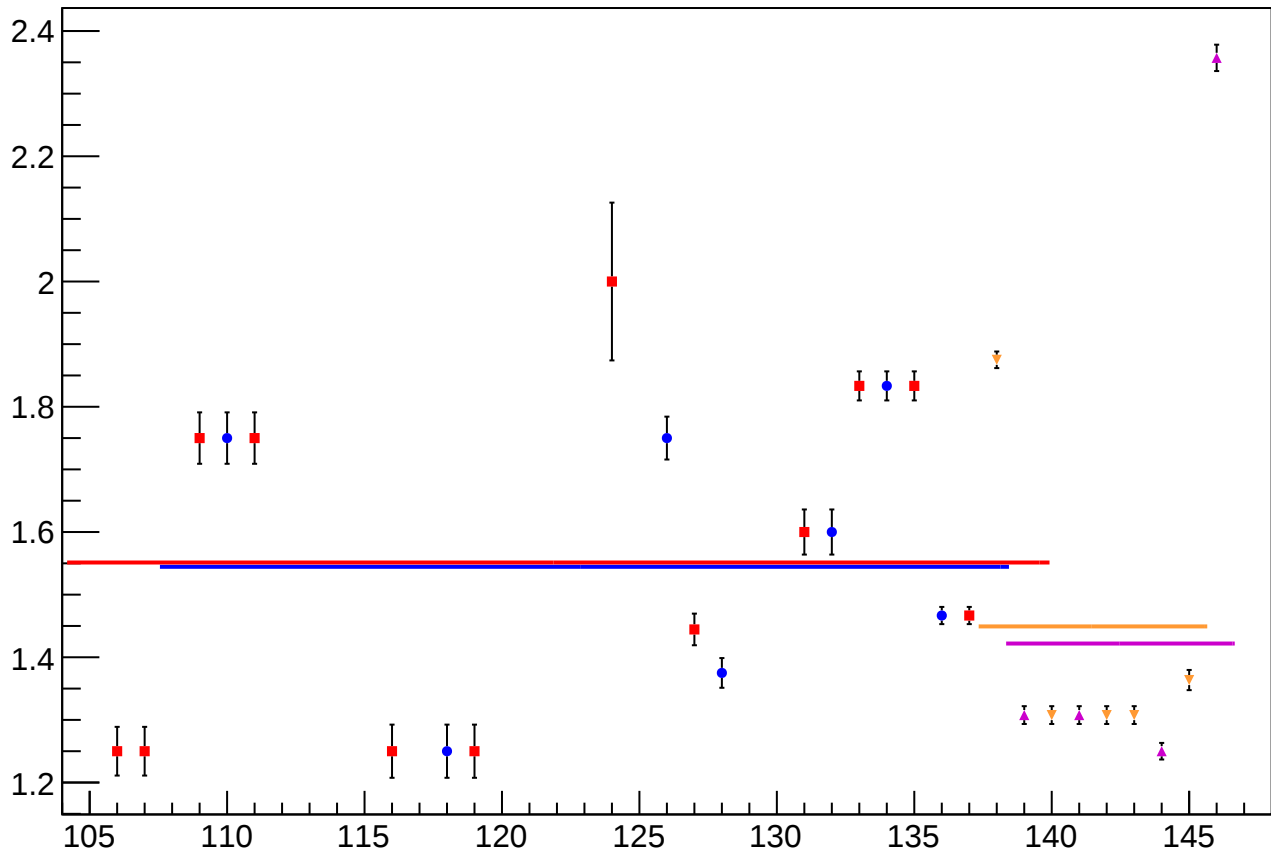
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.449 $\pm$ 0.006 χ^2 /NDF:1359.5/4

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.422 $\pm$ 0.007 χ^2 /NDF:2269.6/3

Left: 1.438 $\pm$ 0.005 χ^2 /NDF: 3636.9/8

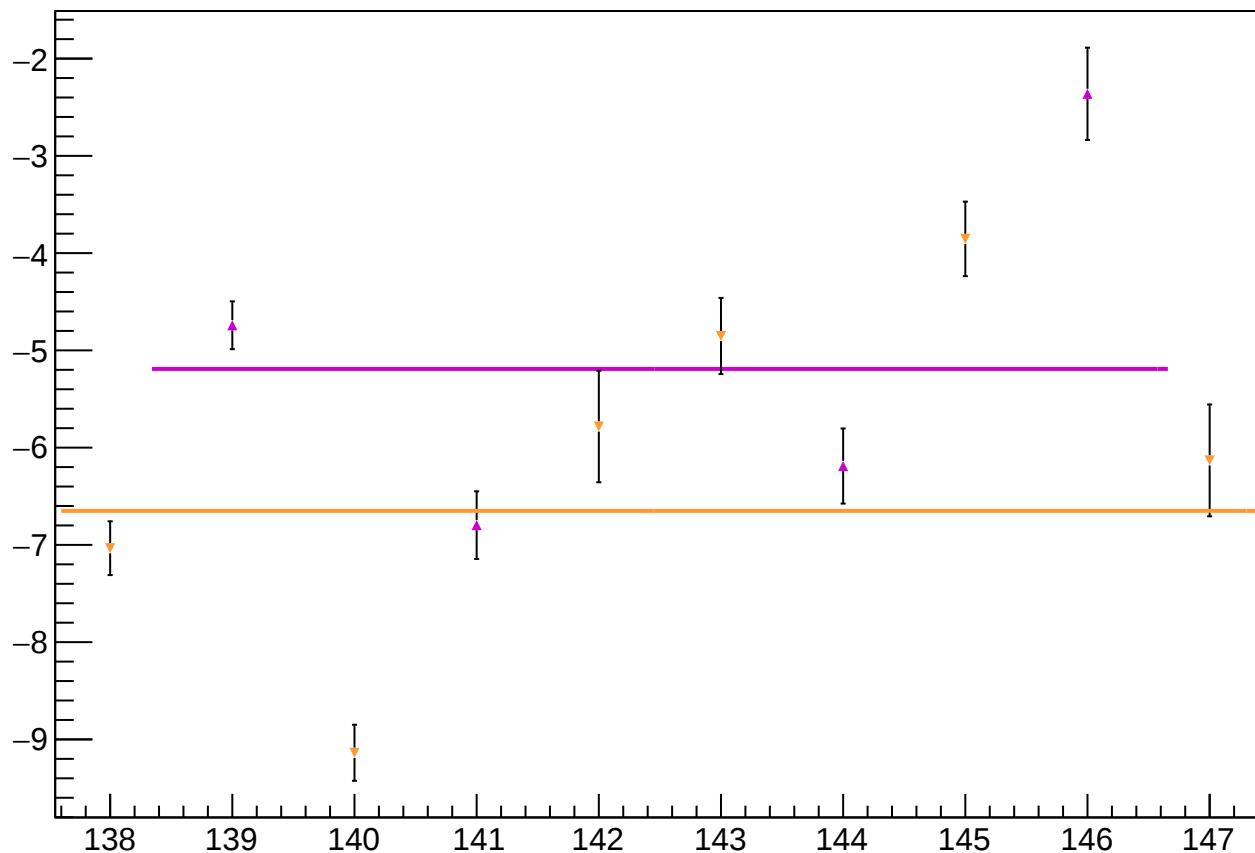
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.470 $\pm$ 0.006 χ^2 /NDF:2725.4/10

Out: 1.488 $\pm$ 0.005 χ^2 /NDF:2090.0/16

All: 1.481 $\pm$ 0.004 χ^2 /NDF: 4820.7/27

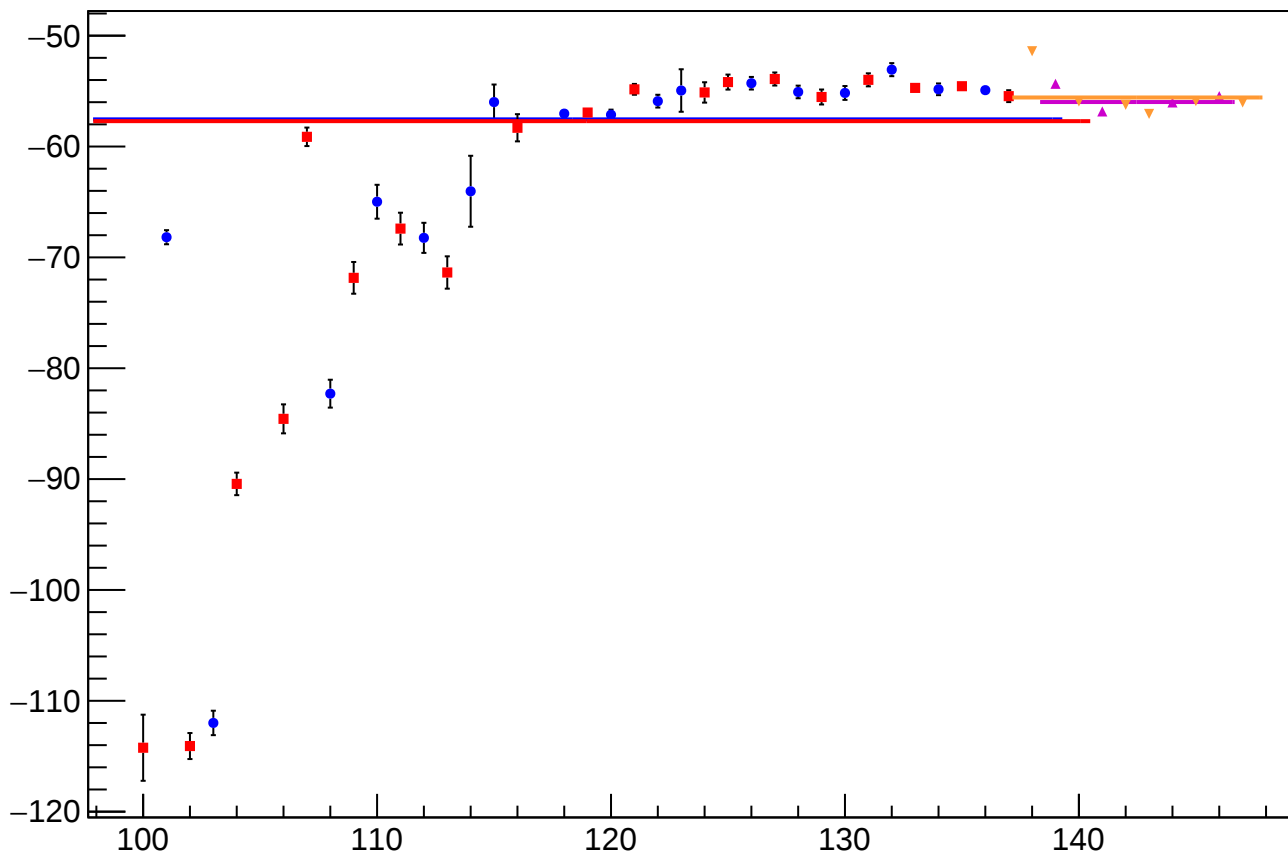
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.650+/-0.150 χ^2/NDF :153.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.191+/-0.167 χ^2/NDF :66.9/3

Left: -5.998+/-0.111 χ^2/NDF : 263.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.191+/-0.167 χ^2/NDF :66.9/3
 Out: -6.650+/-0.150 χ^2/NDF :153.9/5
 All: -5.998+/-0.111 χ^2/NDF : 263.2/9

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.576 $\pm$ 0.119 χ^2 /NDF:206.2/5

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -55.987 $\pm$ 0.150 χ^2 /NDF:28.1/3

Left: -55.734 $\pm$ 0.093 χ^2 /NDF: 238.9/9

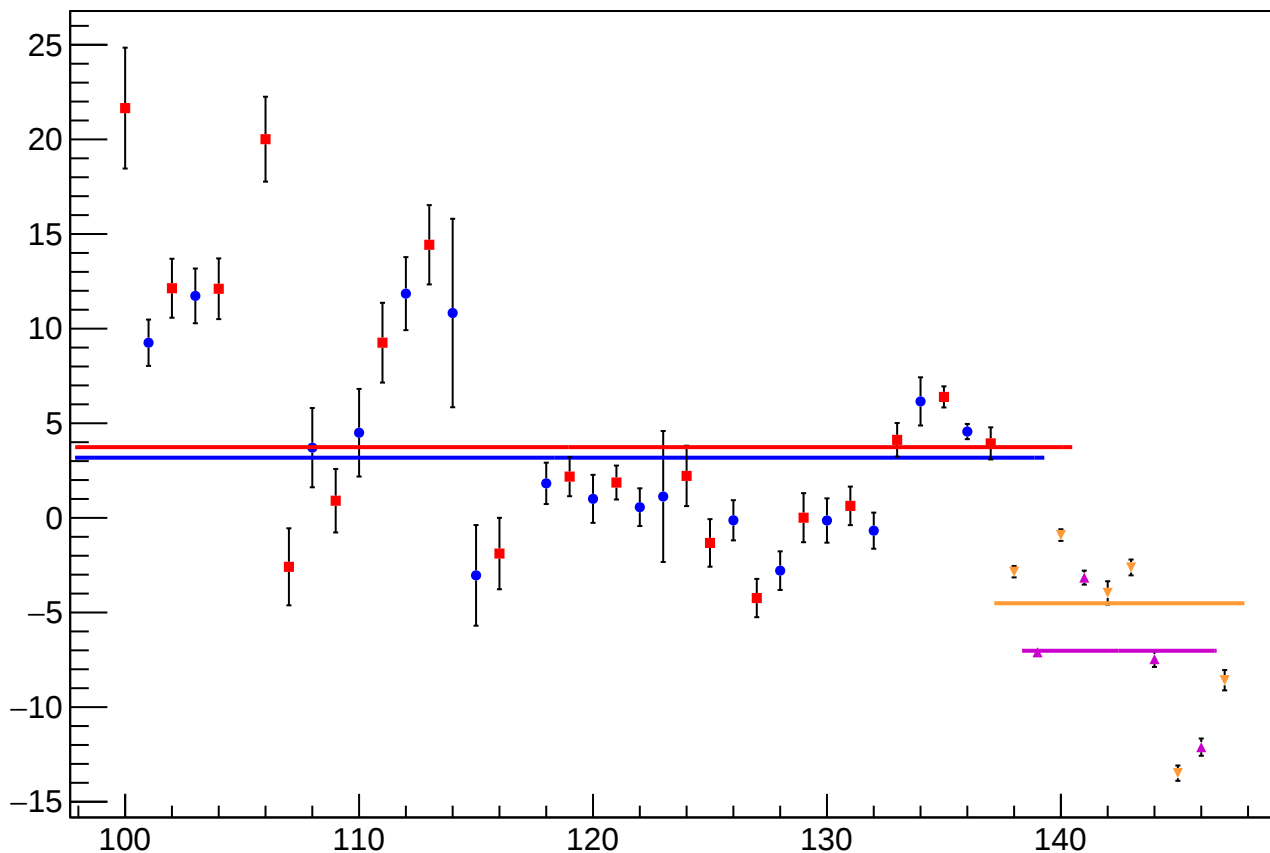
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -56.814 $\pm$ 0.103 χ^2 /NDF:3545.8/20

Out: -56.451 $\pm$ 0.091 χ^2 /NDF:5041.9/24

All: -56.611 $\pm$ 0.068 χ^2 /NDF: 8594.7/45

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: -4.511 ± 0.159 $\chi^2/\text{NDF}: 740.0/5$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -7.021 ± 0.177 $\chi^2/\text{NDF}: 235.4/3$

Left: -5.634 ± 0.118 $\chi^2/\text{NDF}: 1087.2/9$

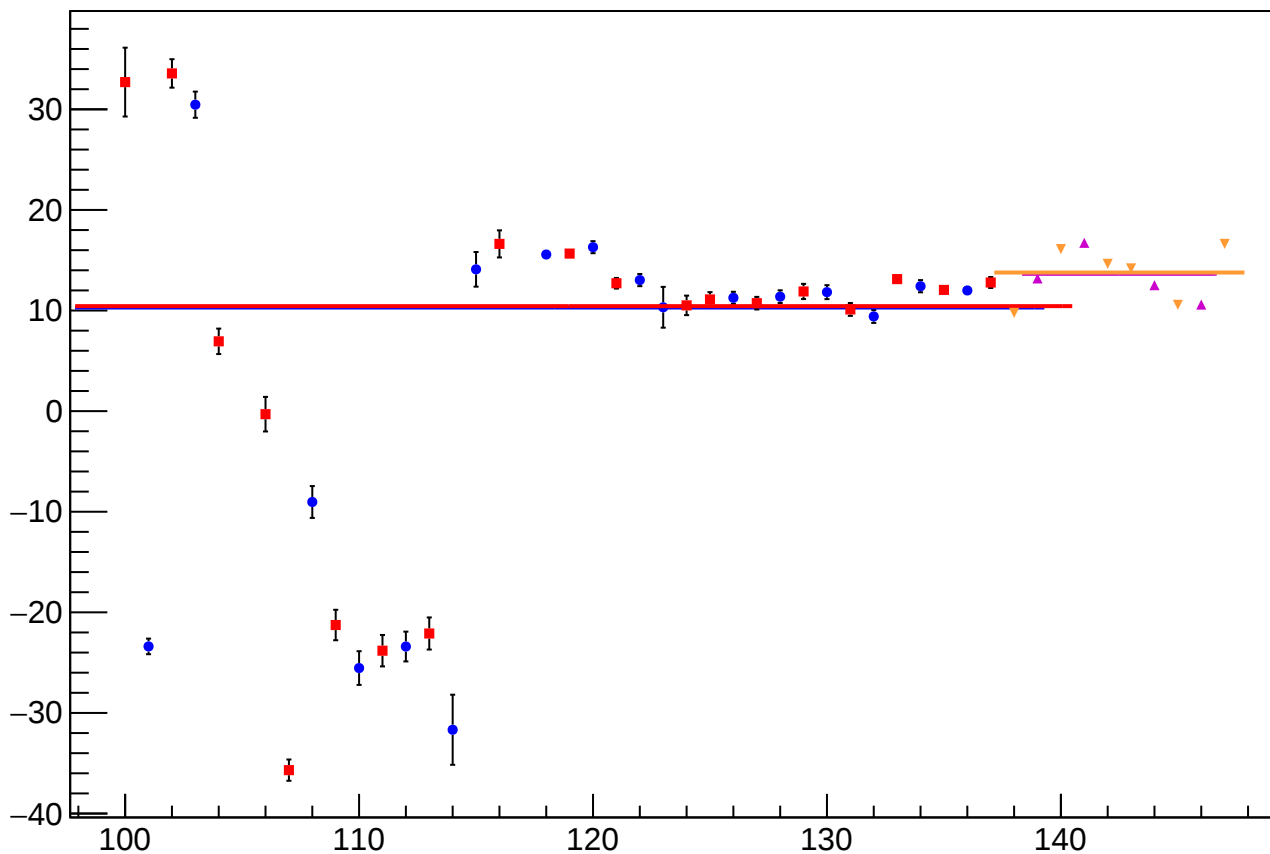
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -3.769 ± 0.146 $\chi^2/\text{NDF}: 1485.9/20$

Out: -2.355 ± 0.136 $\chi^2/\text{NDF}: 1766.3/24$

All: -3.016 ± 0.100 $\chi^2/\text{NDF}: 3302.3/45$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.779 $\pm$ 0.143 χ^2 /NDF:333.0/5

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 13.650 $\pm$ 0.175 χ^2 /NDF:183.3/3

Left: 13.727 $\pm$ 0.111 χ^2 /NDF: 516.6/9

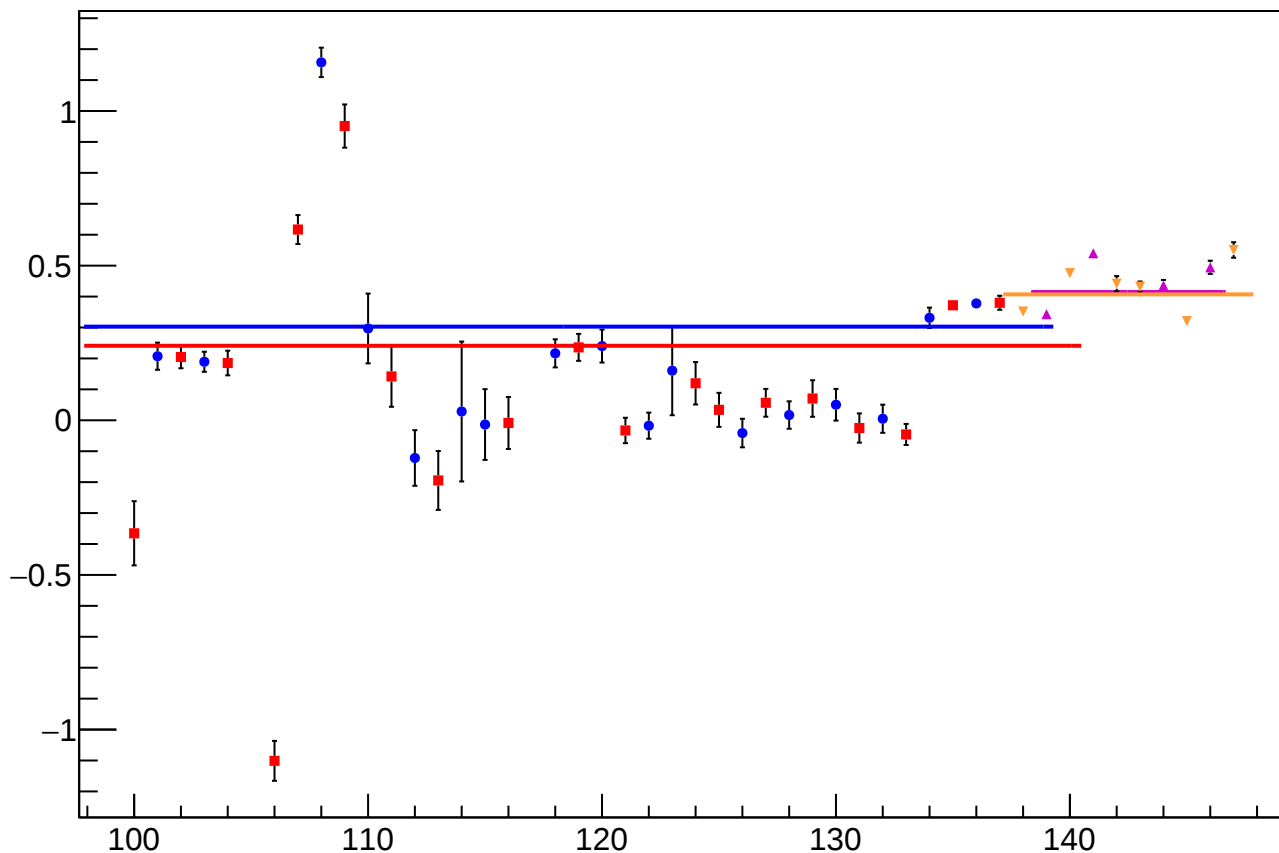
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 11.797 $\pm$ 0.117 χ^2 /NDF:4086.1/20

Out: 12.294 $\pm$ 0.106 χ^2 /NDF:4405.1/24

All: 12.069 $\pm$ 0.079 χ^2 /NDF: 8501.1/45

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.407 $\pm$ 0.006 χ^2 /NDF:116.5/5

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.415 $\pm$ 0.007 χ^2 /NDF:144.5/3

Left: 0.411 $\pm$ 0.005 χ^2 /NDF: 261.6/9

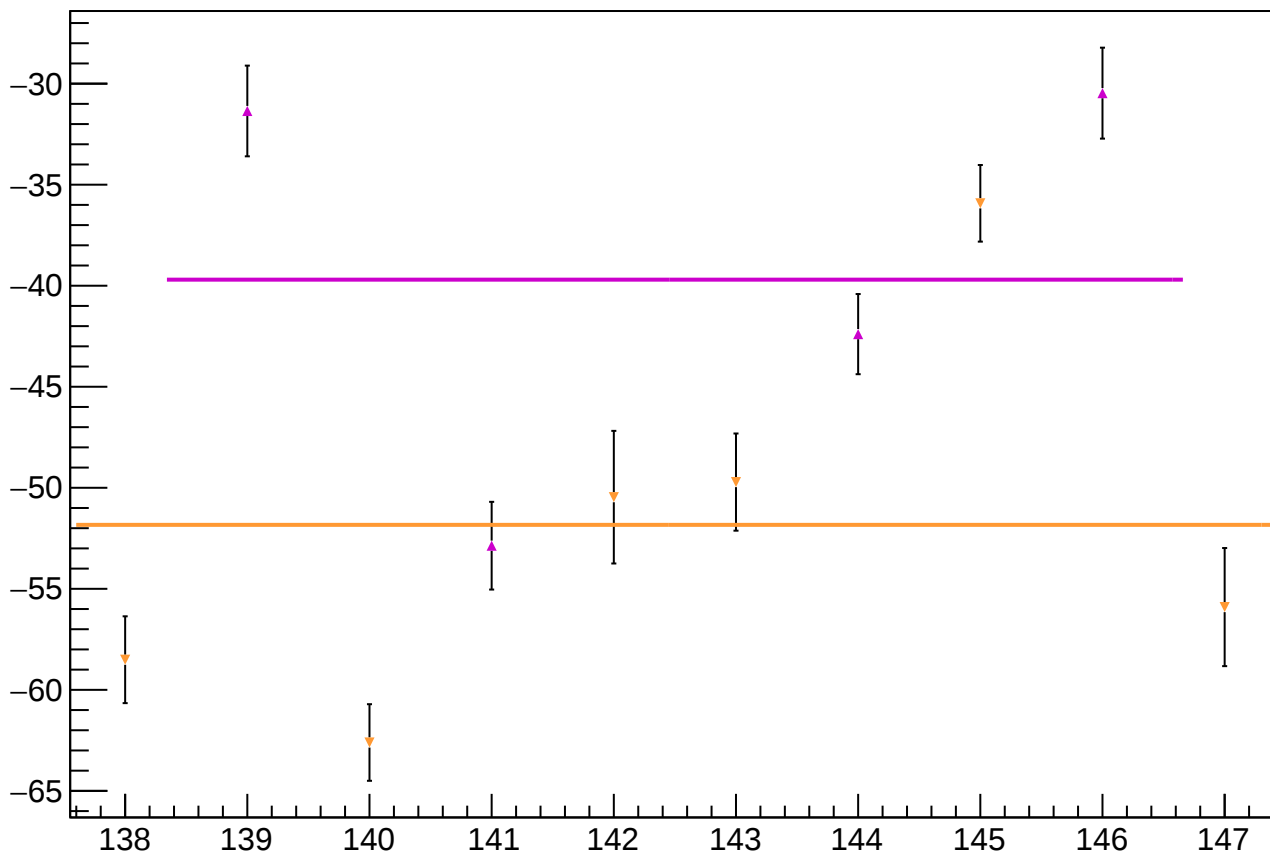
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.368 $\pm$ 0.005 χ^2 /NDF:900.8/20

Out: 0.346 $\pm$ 0.005 χ^2 /NDF:1348.0/24

All: 0.357 $\pm$ 0.004 χ^2 /NDF: 2258.0/45

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.835+/-0.930 χ^2/NDF :115.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.700+/-1.077 χ^2/NDF :69.3/3

Left: -46.651+/-0.704 χ^2/NDF : 257.3/9

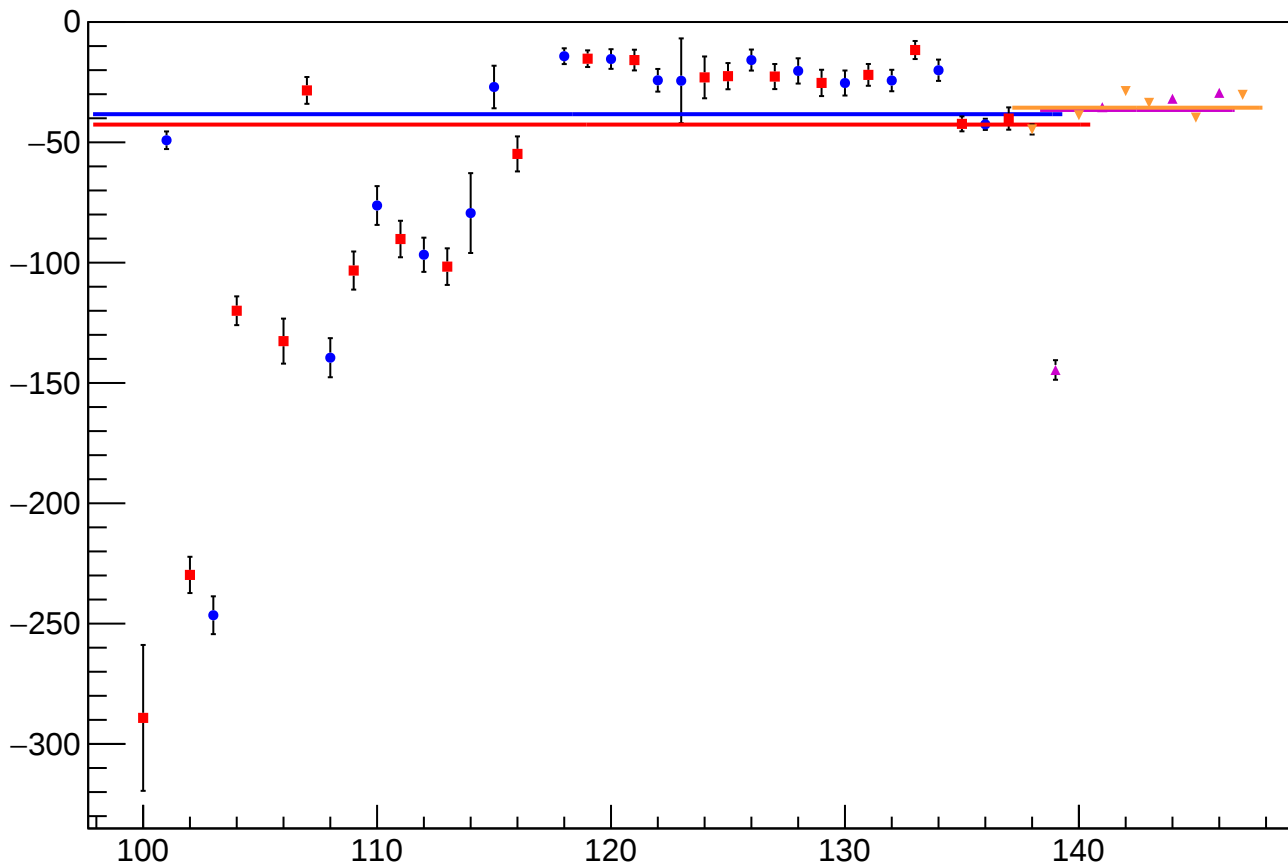
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.700+/-1.077 χ^2/NDF :69.3/3

Out: -51.835+/-0.930 χ^2/NDF :115.3/5

All: -46.651+/-0.704 χ^2/NDF : 257.3/9

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: -35.604 ± 0.676 $\chi^2/\text{NDF}: 57.1/5$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -36.549 ± 0.817 $\chi^2/\text{NDF}: 742.1/3$

Left: -35.988 ± 0.521 $\chi^2/\text{NDF}: 800.0/9$

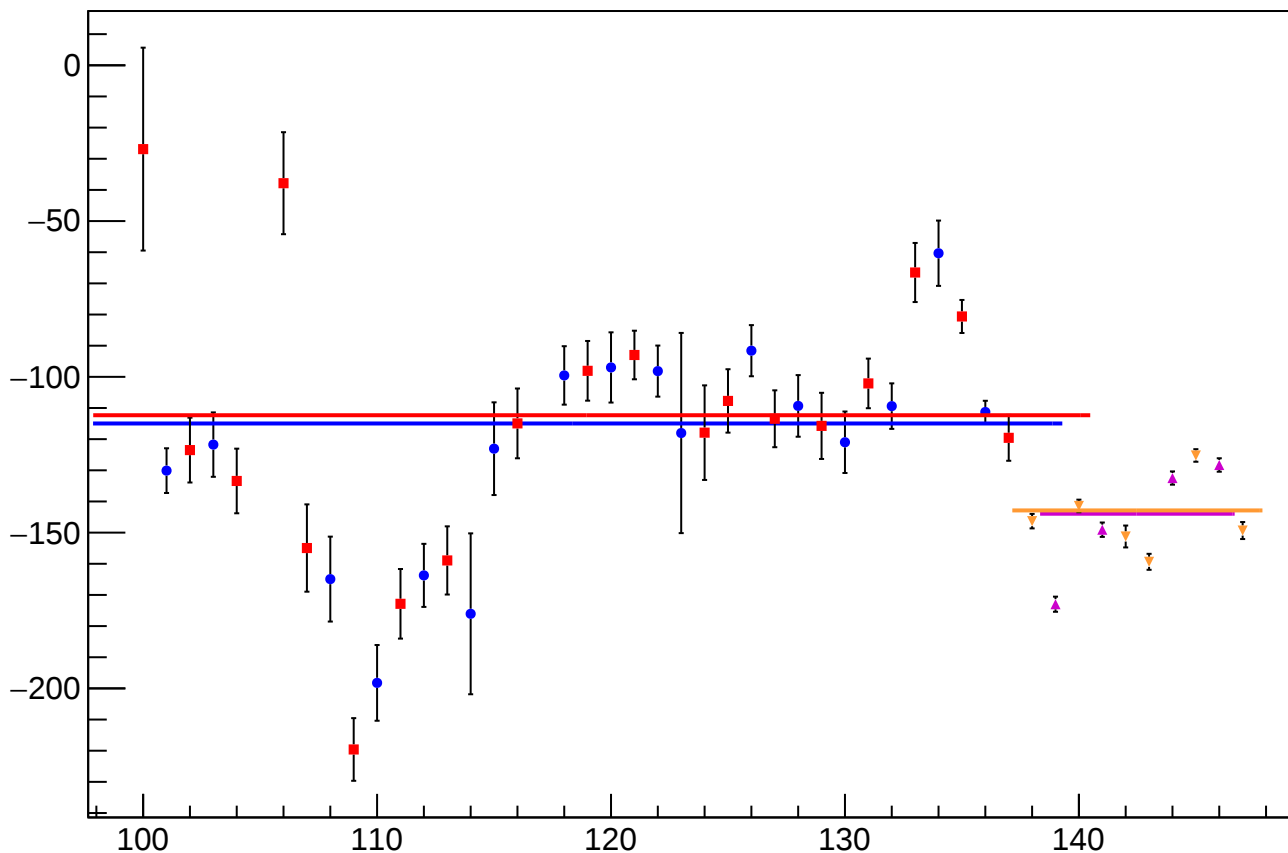
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -37.146 ± 0.664 $\chi^2/\text{NDF}: 1876.4/20$

Out: -37.276 ± 0.590 $\chi^2/\text{NDF}: 1427.2/24$

All: -37.219 ± 0.441 $\chi^2/\text{NDF}: 3303.7/45$

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: -142.876 ± 0.979 $\chi^2/\text{NDF}: 131.8/5$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -143.930 ± 1.123 $\chi^2/\text{NDF}: 229.6/3$

Left: -143.332 ± 0.738 $\chi^2/\text{NDF}: 361.9/9$

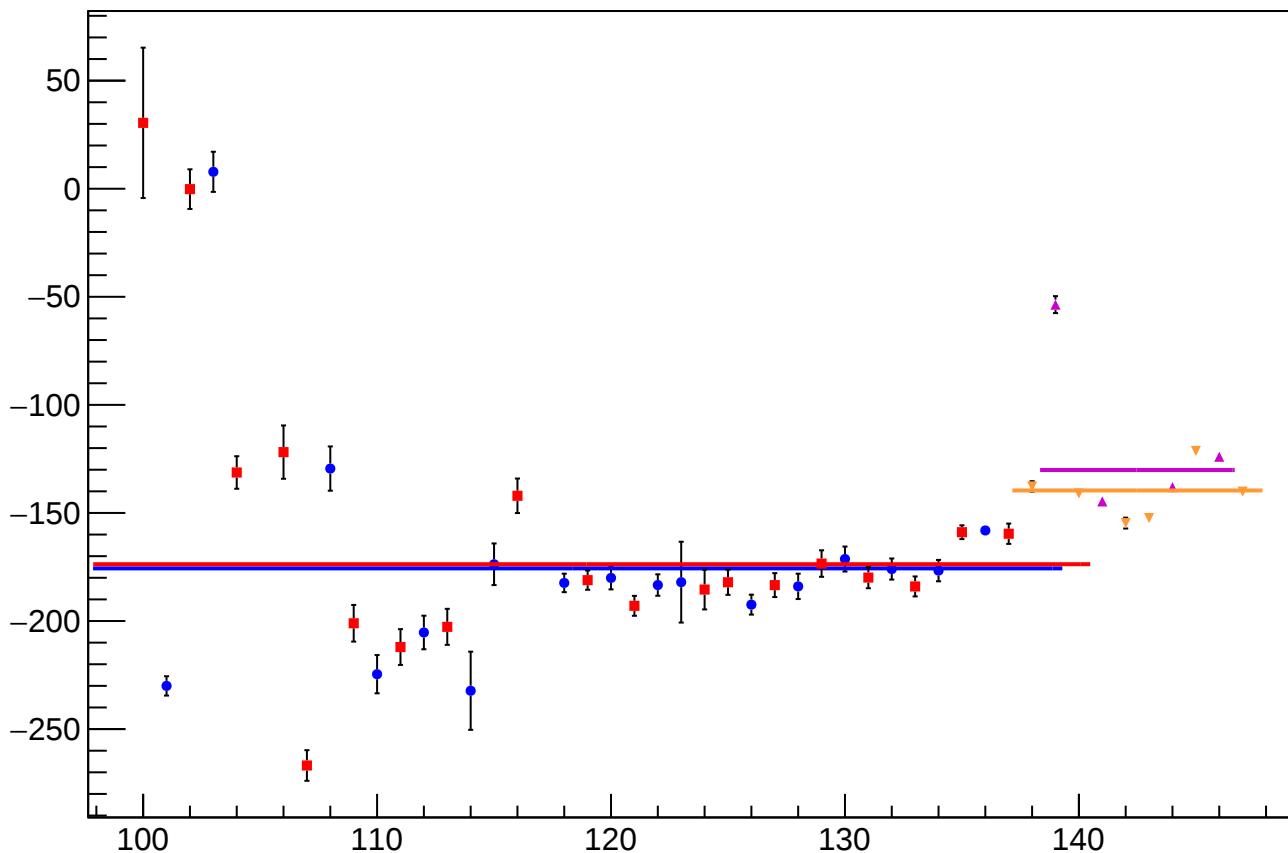
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -137.370 ± 0.987 $\chi^2/\text{NDF}: 521.8/20$

Out: -137.843 ± 0.895 $\chi^2/\text{NDF}: 566.2/24$

All: -137.630 ± 0.663 $\chi^2/\text{NDF}: 1088.1/45$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 $\chi^2/\text{NDF}: 692.1/16$

Left Out: -139.598 ± 0.827 $\chi^2/\text{NDF}: 186.5/5$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

Left In: -130.138 ± 0.982 $\chi^2/\text{NDF}: 476.3/3$

Left: -135.674 ± 0.632 $\chi^2/\text{NDF}: 717.2/9$

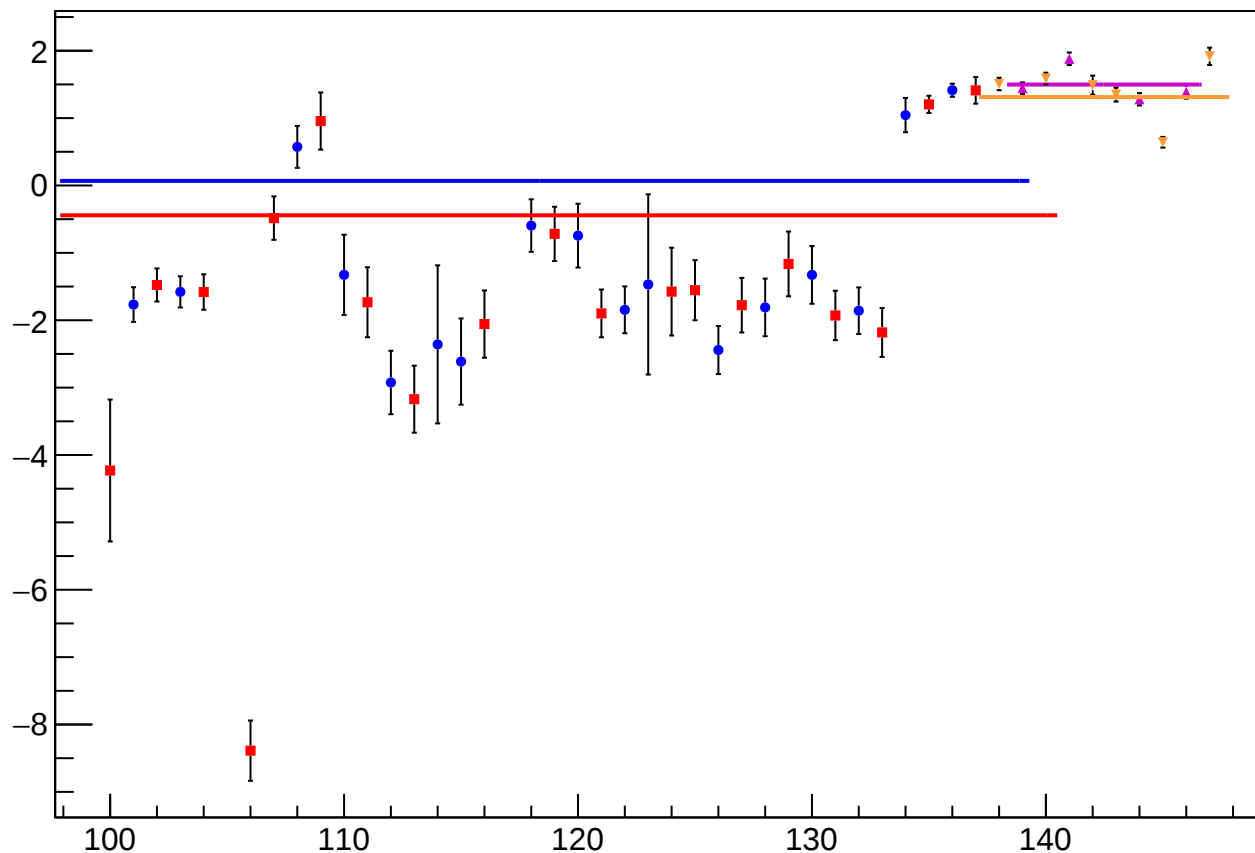
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -147.177 ± 0.777 $\chi^2/\text{NDF}: 1973.0/20$

Out: -148.858 ± 0.706 $\chi^2/\text{NDF}: 1386.9/24$

All: -148.098 ± 0.522 $\chi^2/\text{NDF}: 3362.5/45$

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: 1.313 $\pm$ 0.040 χ^2 /NDF:110.0/5

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.498 $\pm$ 0.046 χ^2 /NDF:24.0/3

Left: 1.393 $\pm$ 0.030 χ^2 /NDF: 143.1/9

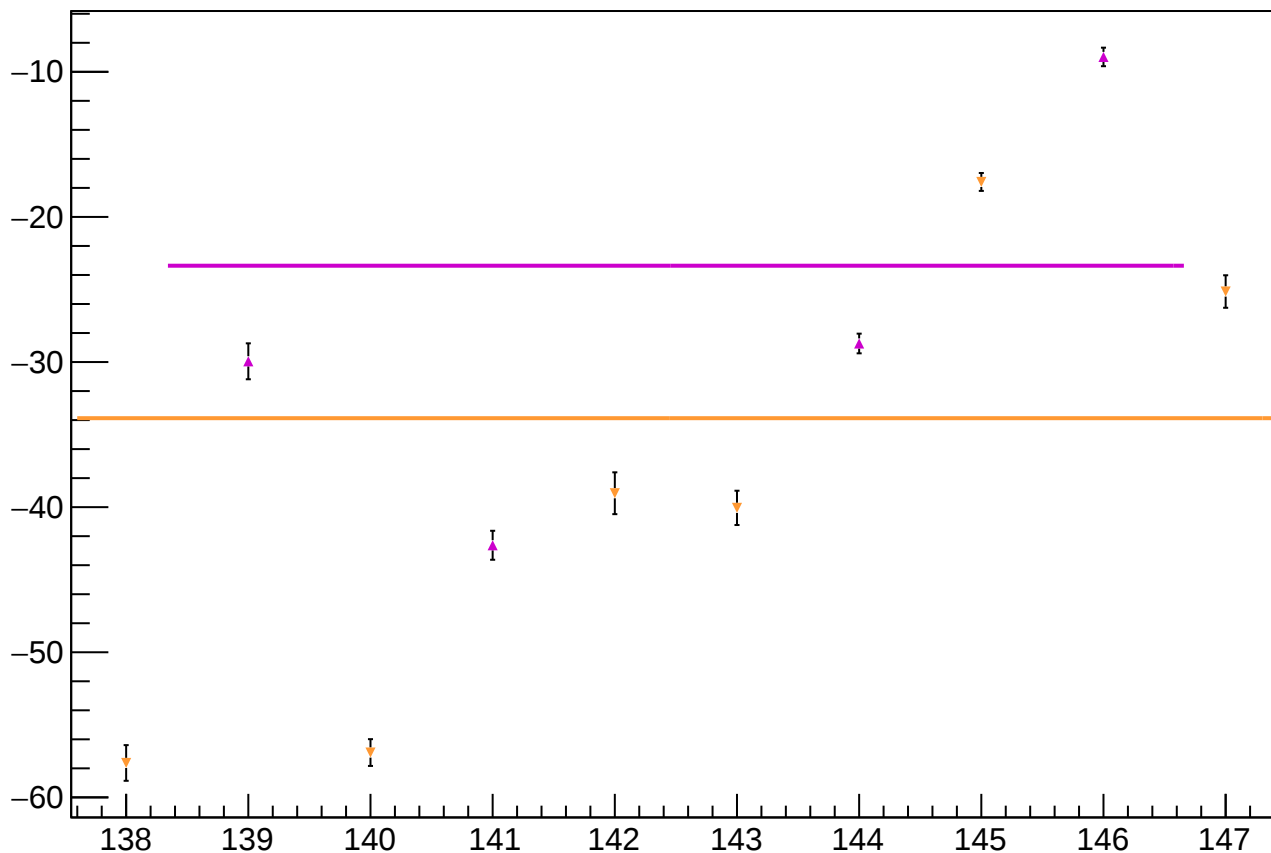
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.037 $\pm$ 0.038 χ^2 /NDF:858.4/20

Out: 0.883 $\pm$ 0.035 χ^2 /NDF:1326.4/24

All: 0.954 $\pm$ 0.026 χ^2 /NDF: 2193.6/45

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.869+/-0.394 χ^2/NDF :1794.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.361+/-0.399 χ^2/NDF :970.8/3

Left: -28.687+/-0.280 χ^2/NDF : 3116.4/9

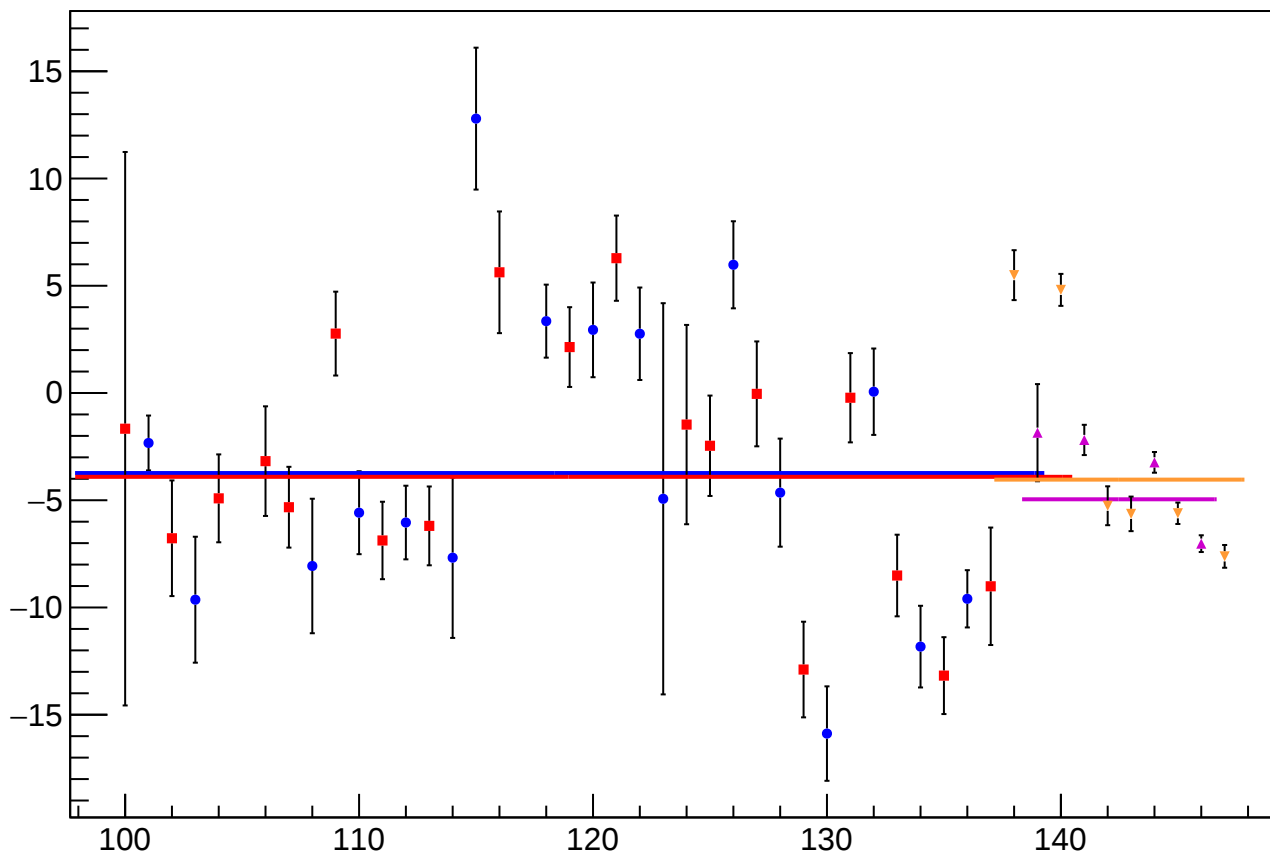
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.361+/-0.399 χ^2/NDF :970.8/3

Out: -33.869+/-0.394 χ^2/NDF :1794.0/5

All: -28.687+/-0.280 χ^2/NDF : 3116.4/9

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.039 ± 0.279 $\chi^2/\text{NDF}: 269.1/5$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -4.956 ± 0.277 $\chi^2/\text{NDF}: 58.0/3$

Left: -4.501 ± 0.196 $\chi^2/\text{NDF}: 332.5/9$

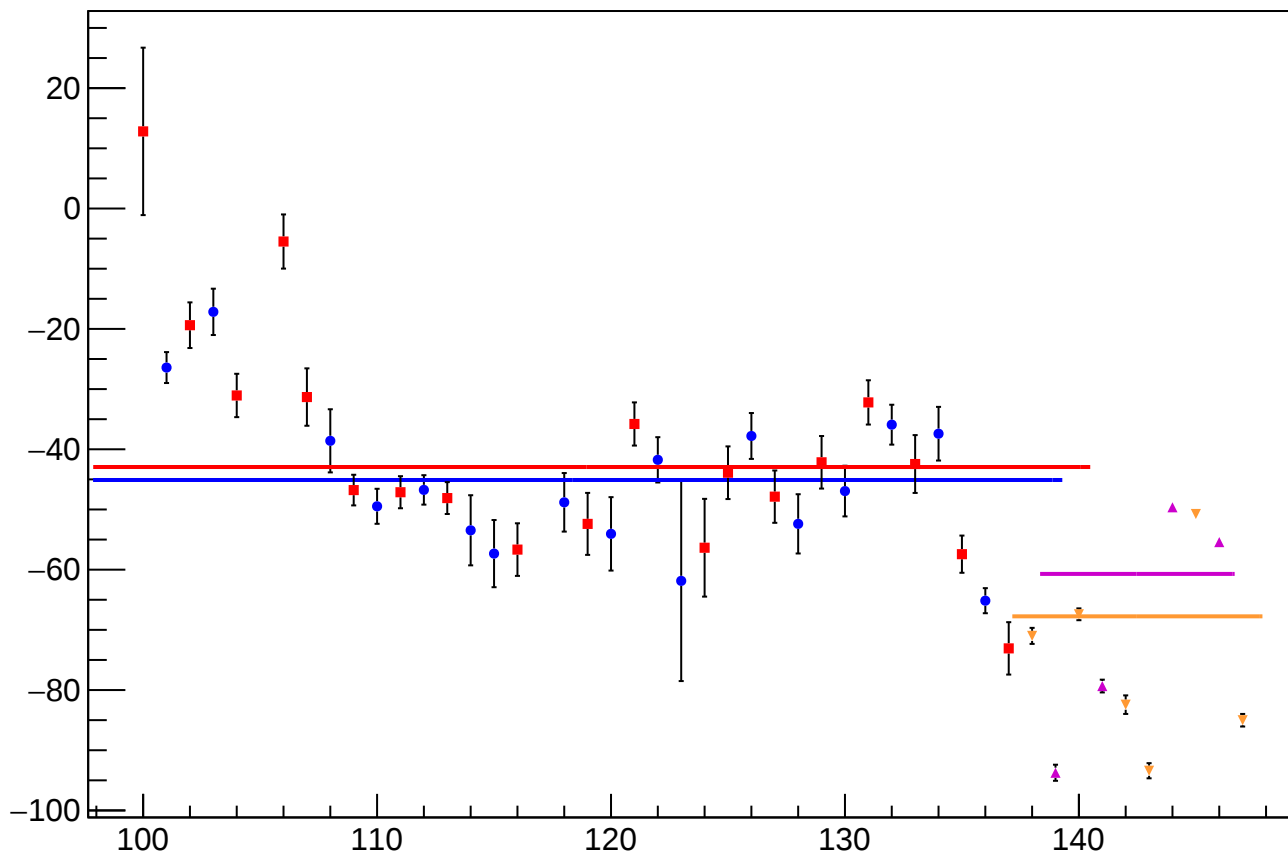
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -4.665 ± 0.242 $\chi^2/\text{NDF}: 228.5/20$

Out: -4.008 ± 0.244 $\chi^2/\text{NDF}: 393.9/24$

All: -4.340 ± 0.172 $\chi^2/\text{NDF}: 626.1/45$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -67.755 ± 0.412 χ^2/NDF : 1456.4/5

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -60.705 ± 0.408 χ^2/NDF : 1223.8/3

Left: -64.199 ± 0.290 χ^2/NDF : 2827.8/9

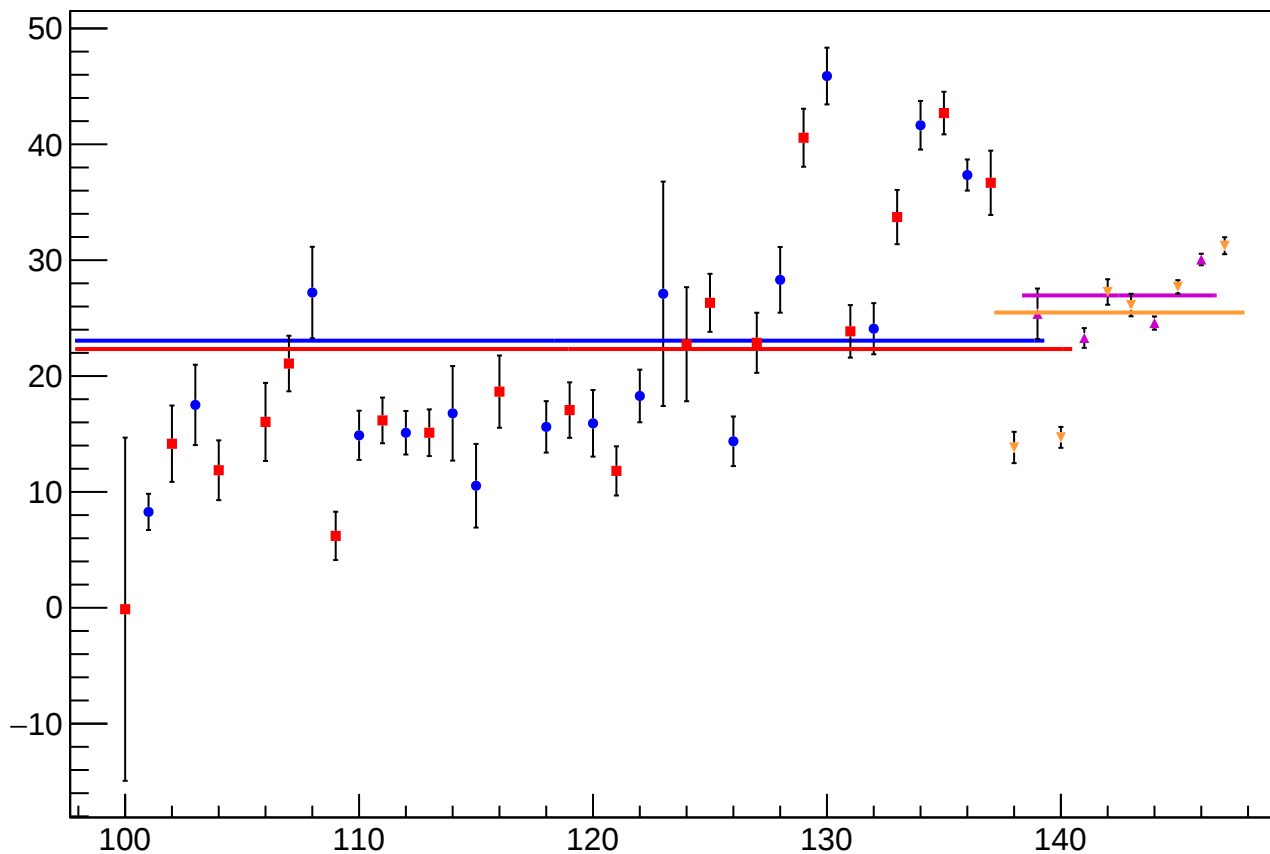
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -57.953 ± 0.371 χ^2/NDF : 1711.8/20

Out: -63.273 ± 0.373 χ^2/NDF : 2360.6/24

All: -60.597 ± 0.263 χ^2/NDF : 4174.7/45

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 25.482 $\pm$ 0.342 χ^2 /NDF: 296.6/5

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 26.958 $\pm$ 0.339 χ^2 /NDF: 75.7/3

Left: 26.228 $\pm$ 0.241 χ^2 /NDF: 381.7/9

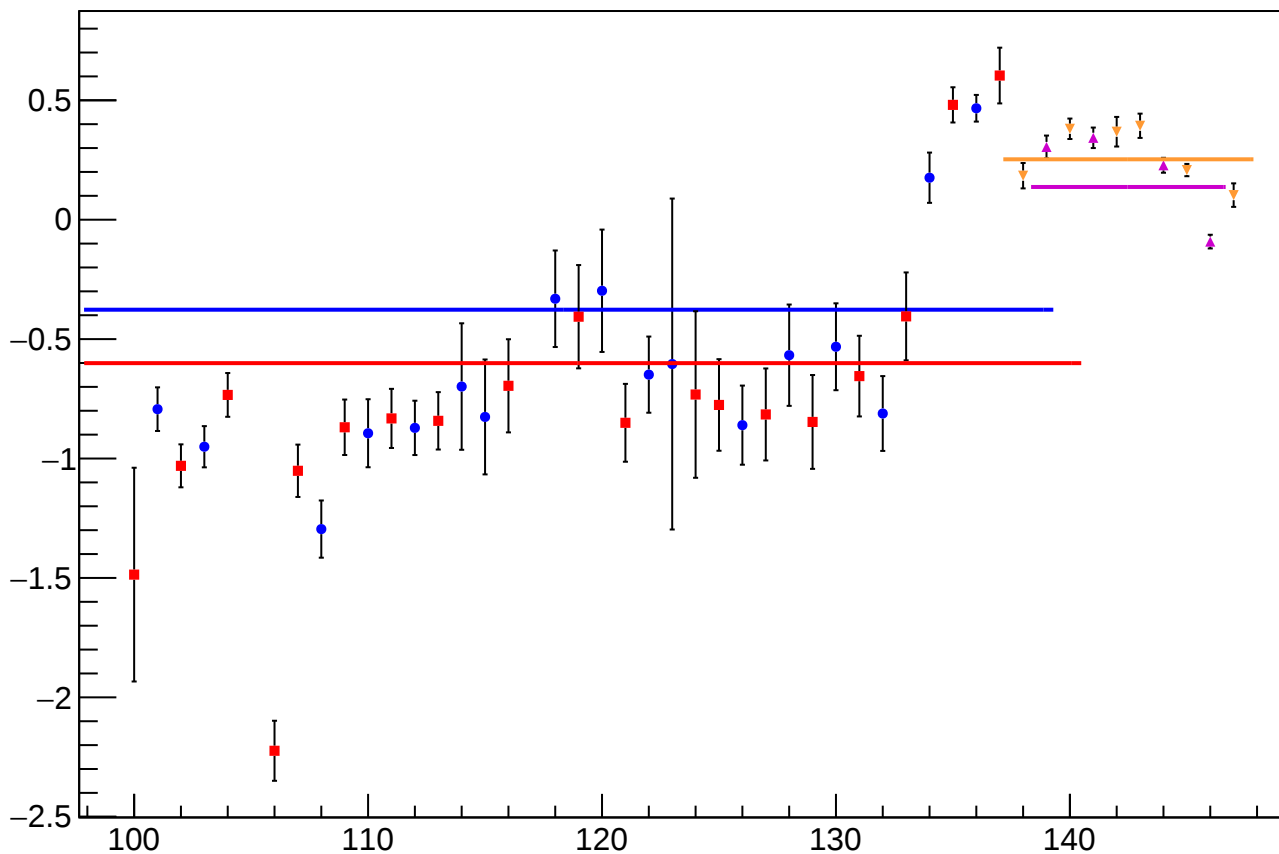
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 25.904 $\pm$ 0.289 χ^2 /NDF: 572.6/20

Out: 24.652 $\pm$ 0.294 χ^2 /NDF: 690.0/24

All: 25.287 $\pm$ 0.206 χ^2 /NDF: 1271.8/45

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.253 ± 0.017 $\chi^2/\text{NDF}: 34.0/5$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.137 ± 0.018 $\chi^2/\text{NDF}: 107.5/3$

Left: 0.197 ± 0.012 $\chi^2/\text{NDF}: 163.9/9$

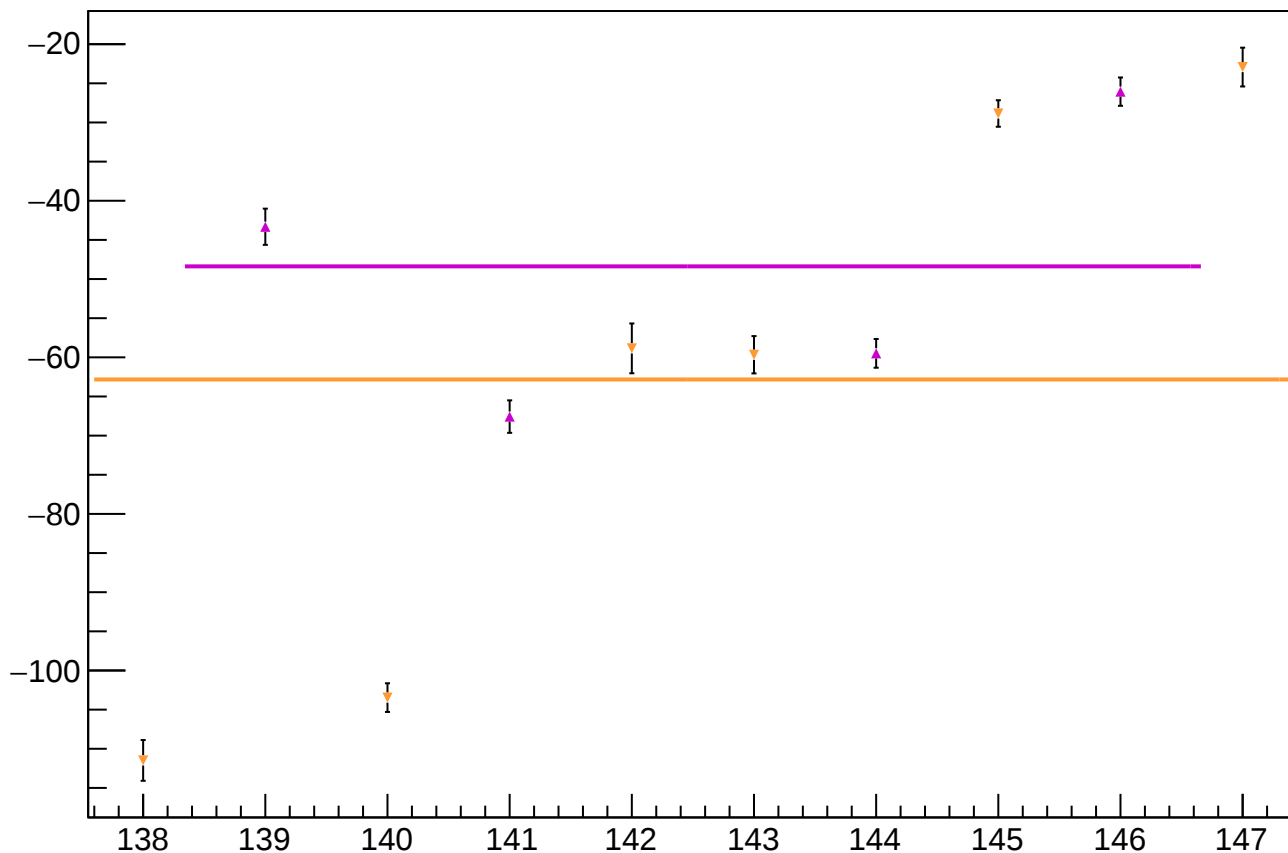
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.006 ± 0.015 $\chi^2/\text{NDF}: 762.0/20$

Out: 0.048 ± 0.015 $\chi^2/\text{NDF}: 1196.9/24$

All: 0.027 ± 0.011 $\chi^2/\text{NDF}: 1962.7/45$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -62.827+/-0.901 χ^2/NDF :1505.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.380+/-0.989 χ^2/NDF :279.0/3

Left: -56.275+/-0.666 χ^2/NDF : 1900.8/9

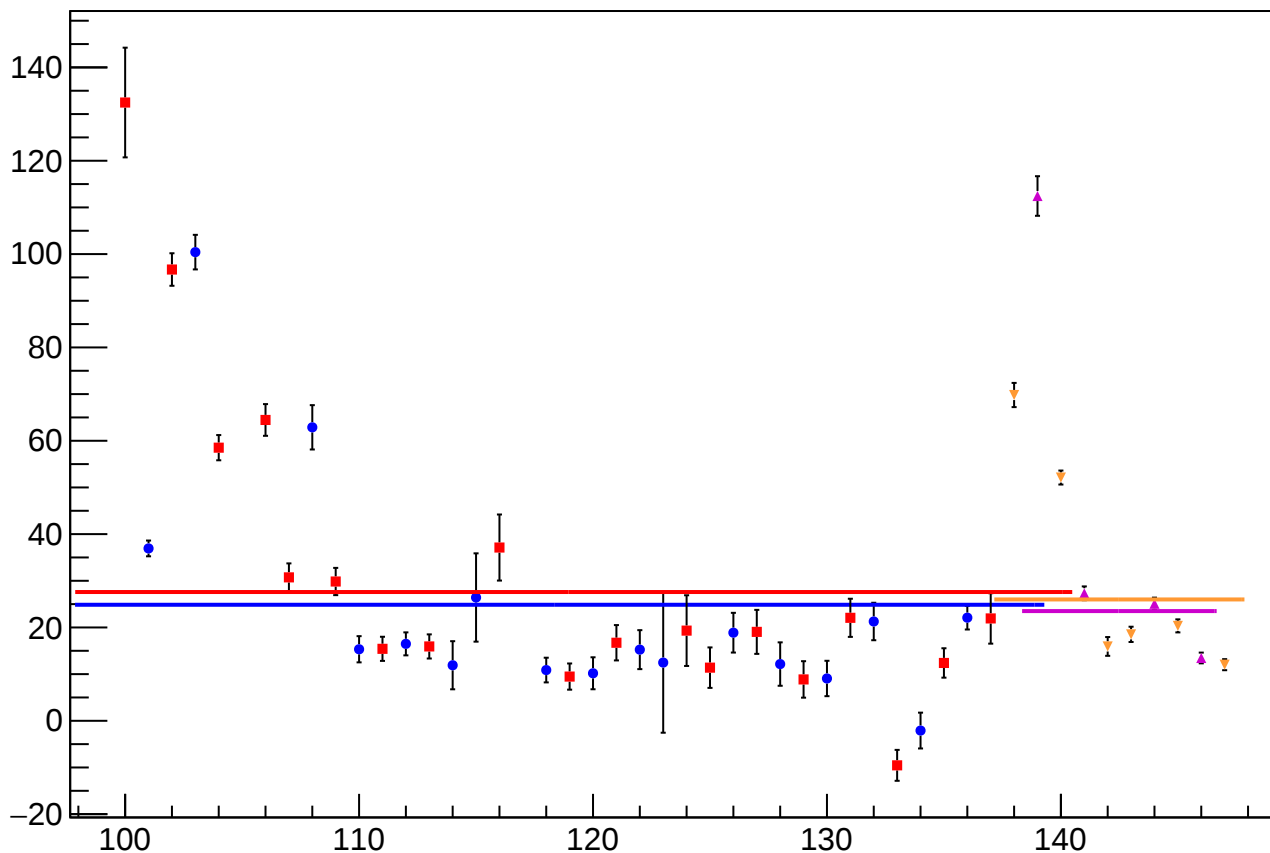
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.380+/-0.989 χ^2/NDF :279.0/3

Out: -62.827+/-0.901 χ^2/NDF :1505.2/5

All: -56.275+/-0.666 χ^2/NDF : 1900.8/9

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: 26.001 $\pm$ 0.640 χ^2 /NDF: 790.5/5

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 23.509 $\pm$ 0.735 χ^2 /NDF: 523.9/3

Left: 24.926 $\pm$ 0.483 χ^2 /NDF: 1320.9/9

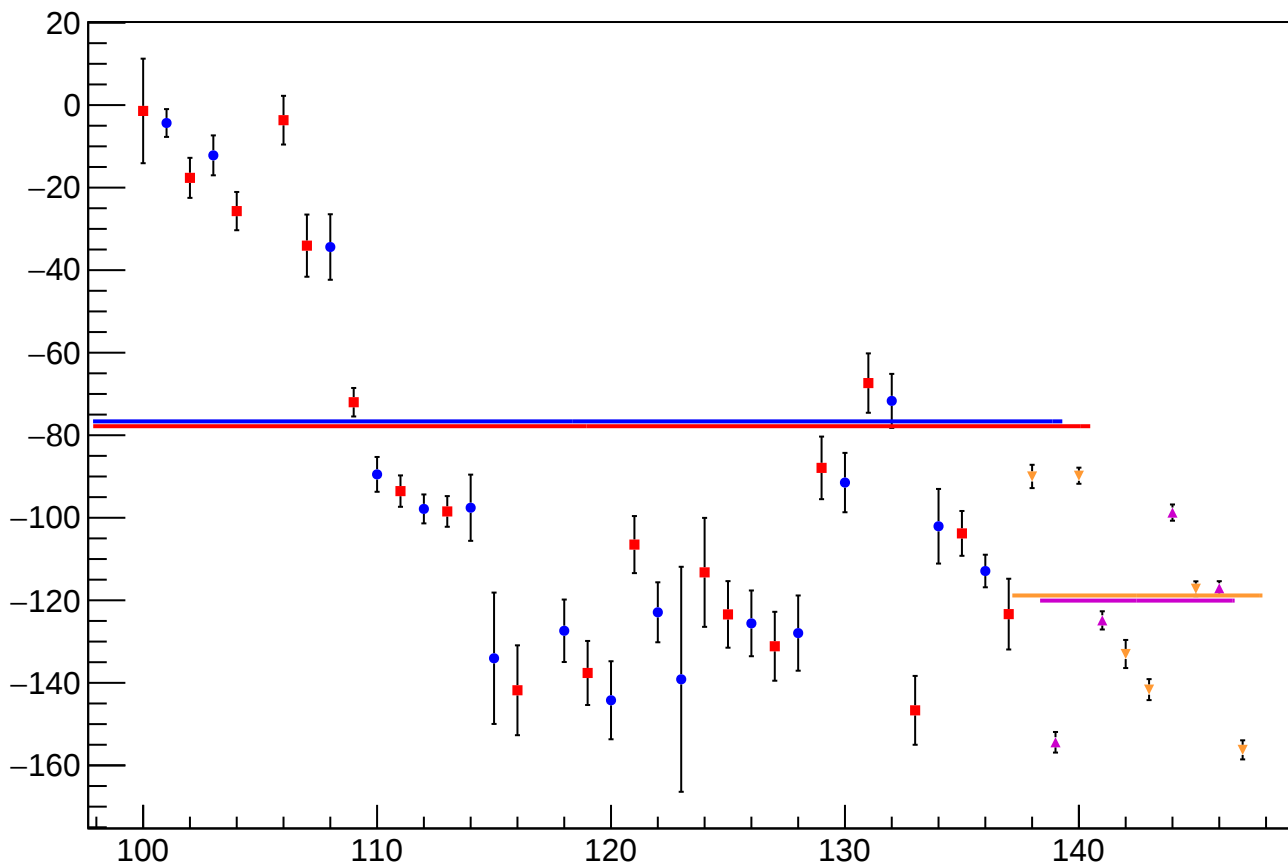
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 24.127 $\pm$ 0.542 χ^2 /NDF: 1216.4/20

Out: 26.614 $\pm$ 0.502 χ^2 /NDF: 1803.8/24

All: 25.465 $\pm$ 0.368 χ^2 /NDF: 3031.6/45

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: -118.830 ± 0.942 $\chi^2/\text{NDF}: 685.5/5$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -120.072 ± 1.023 $\chi^2/\text{NDF}: 314.3/3$

Left: -119.400 ± 0.693 $\chi^2/\text{NDF}: 1000.7/9$

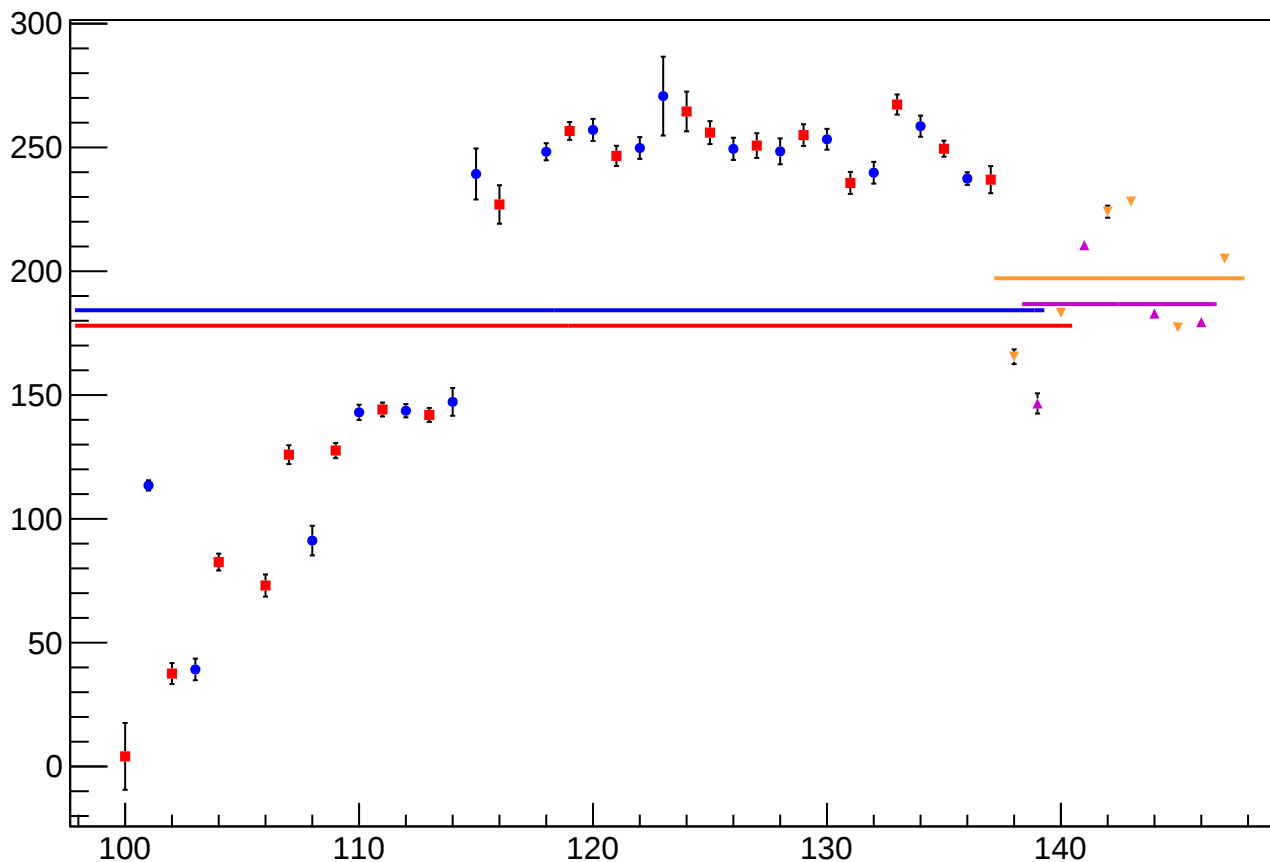
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -105.156 ± 0.829 $\chi^2/\text{NDF}: 1973.8/20$

Out: -105.431 ± 0.773 $\chi^2/\text{NDF}: 2178.3/24$

All: -105.303 ± 0.565 $\chi^2/\text{NDF}: 4152.2/45$

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: 197.167 $\pm$ 0.787 χ^2 /NDF: 719.9/5

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 186.736 $\pm$ 0.884 χ^2 /NDF: 307.1/3

Left: 192.555 $\pm$ 0.588 χ^2 /NDF: 1104.6/9

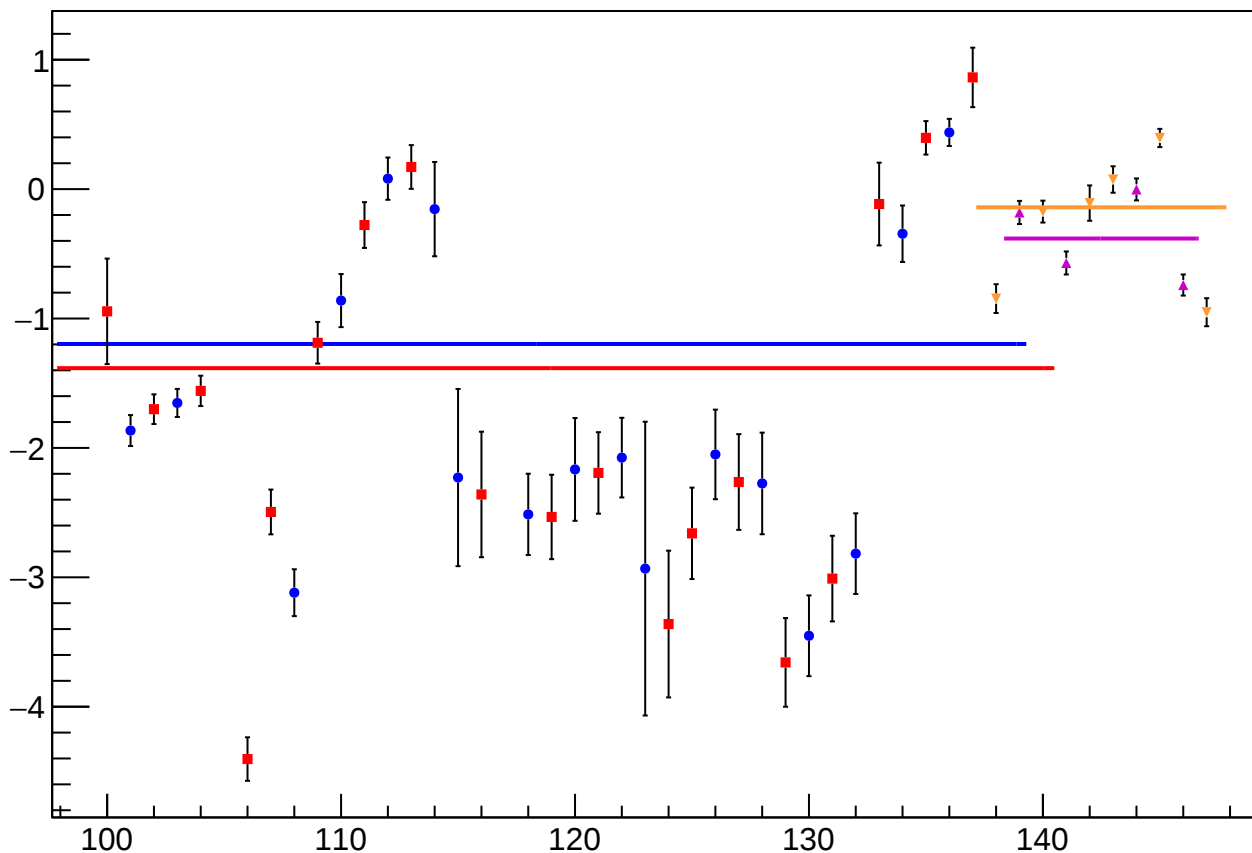
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 185.534 $\pm$ 0.636 χ^2 /NDF: 5699.5/20

Out: 189.100 $\pm$ 0.599 χ^2 /NDF: 7307.2/24

All: 187.423 $\pm$ 0.436 χ^2 /NDF: 13023.4/45

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.141 ± 0.039 χ^2/NDF : 158.8/5

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.382 ± 0.043 χ^2/NDF : 49.1/3

Left: -0.250 ± 0.029 χ^2/NDF : 225.2/9

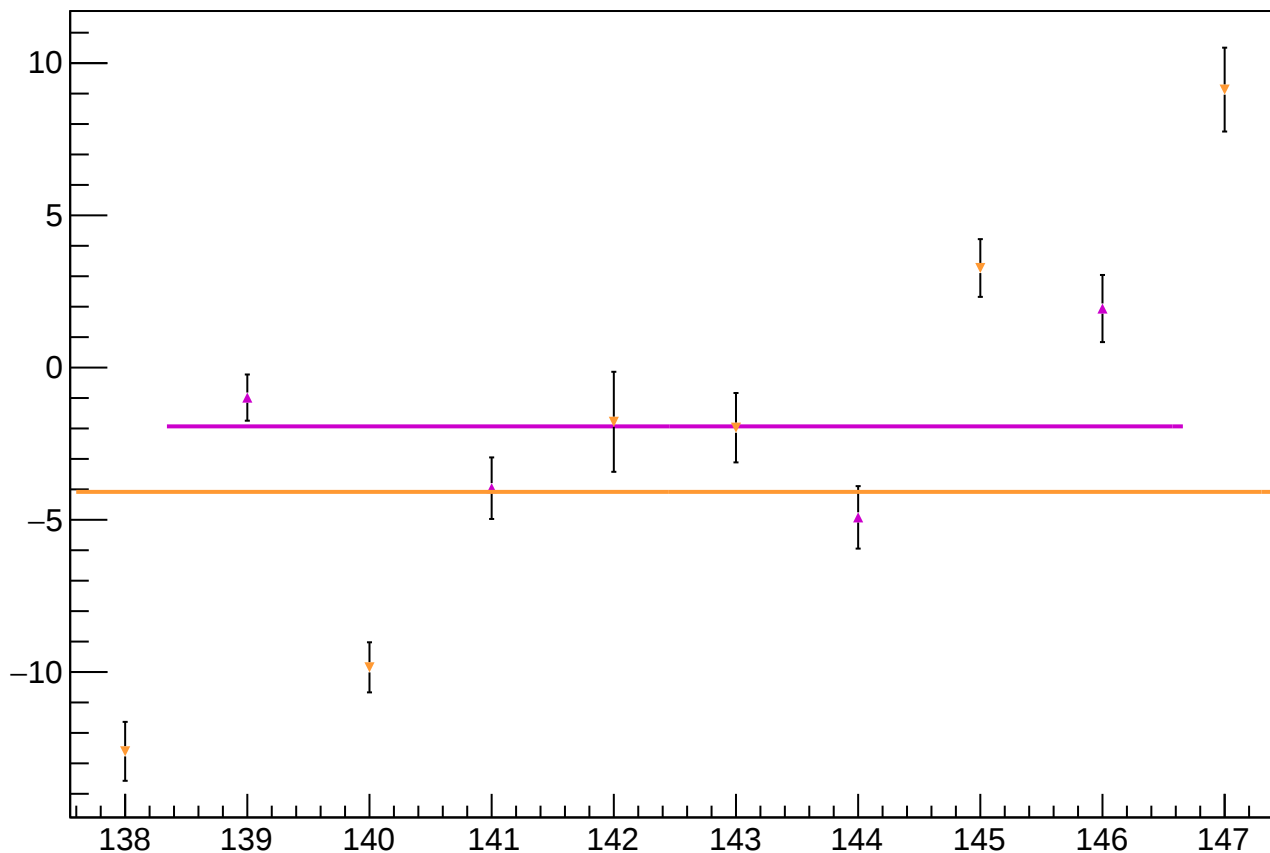
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.743 ± 0.032 χ^2/NDF : 830.0/20

Out: -0.664 ± 0.030 χ^2/NDF : 1509.2/24

All: -0.701 ± 0.022 χ^2/NDF : 2342.6/45

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.083+/-0.433 χ^2/NDF : 284.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.931+/-0.472 χ^2/NDF : 26.4/3

Left: -3.099+/-0.319 χ^2/NDF : 321.8/9

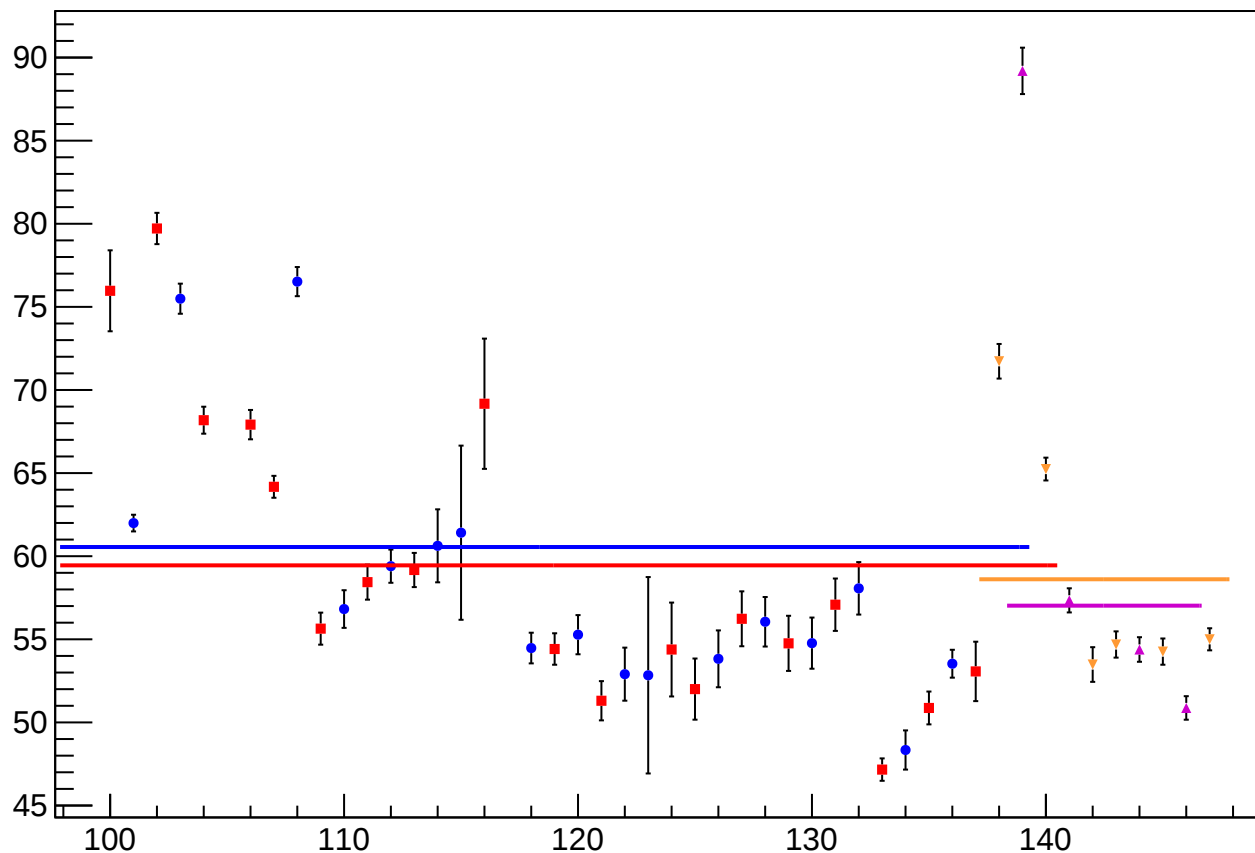
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.931+/-0.472 χ^2/NDF : 26.4/3

Out: -4.083+/-0.433 χ^2/NDF : 284.2/5

All: -3.099+/-0.319 χ^2/NDF : 321.8/9

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: 58.612 ± 0.325 $\chi^2/\text{NDF}: 360.8/5$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 57.024 ± 0.400 $\chi^2/\text{NDF}: 619.6/3$

Left: 57.980 ± 0.253 $\chi^2/\text{NDF}: 989.9/9$

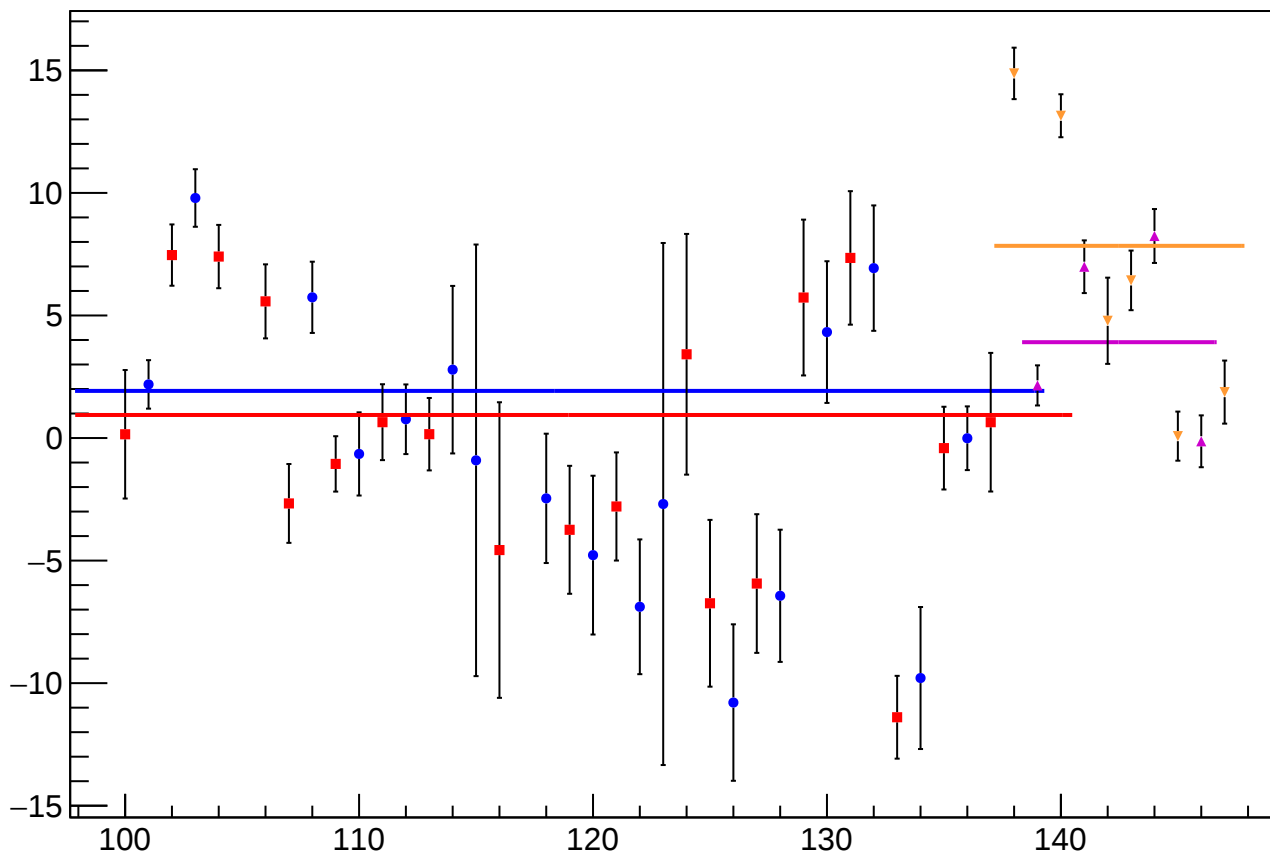
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 59.496 ± 0.219 $\chi^2/\text{NDF}: 1605.0/20$

Out: 59.142 ± 0.197 $\chi^2/\text{NDF}: 1686.3/24$

All: 59.300 ± 0.147 $\chi^2/\text{NDF}: 3292.7/45$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 7.841 ± 0.456 χ^2/NDF : 167.5/5

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 3.910 ± 0.495 χ^2/NDF : 43.0/3

Left: 6.038 ± 0.335 χ^2/NDF : 244.6/9

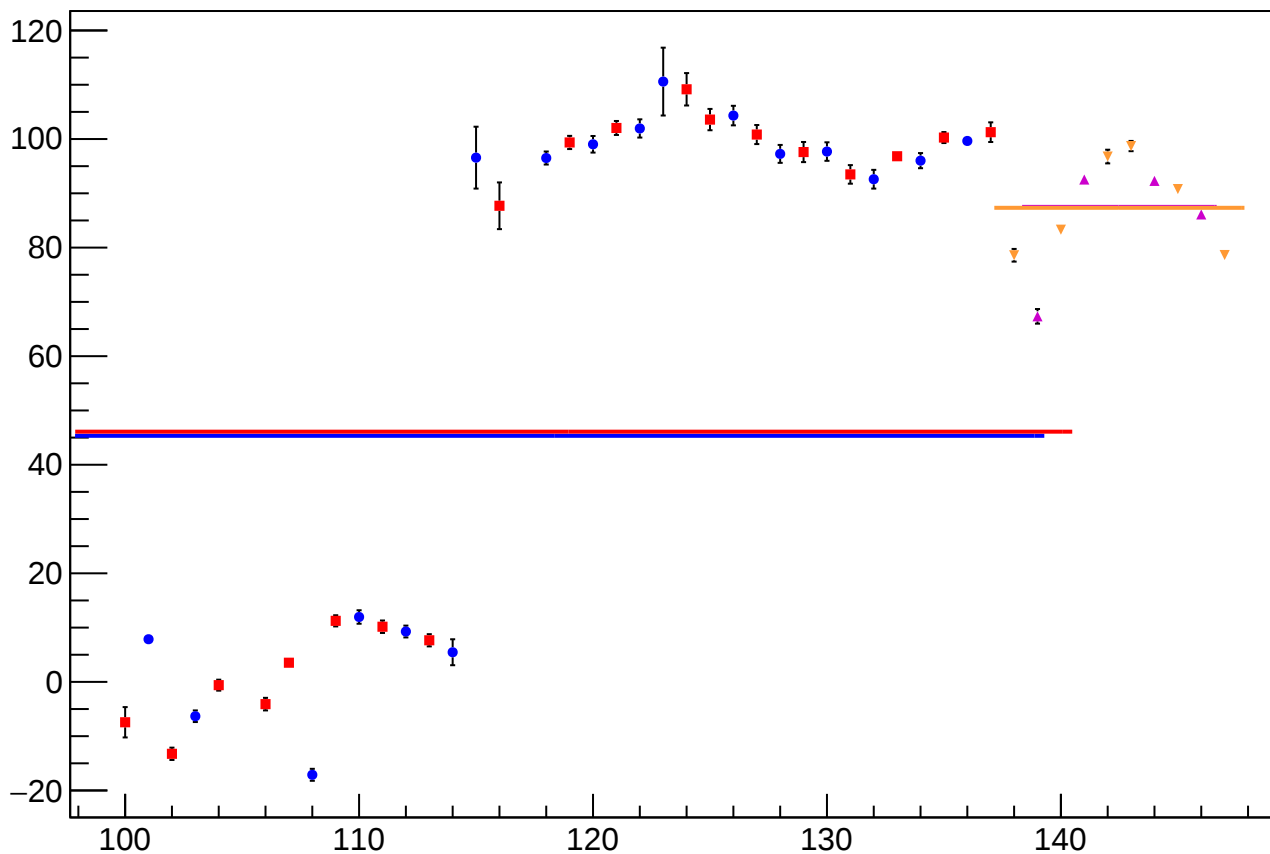
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 2.840 ± 0.336 χ^2/NDF : 172.7/20

Out: 4.140 ± 0.311 χ^2/NDF : 440.5/24

All: 3.542 ± 0.228 χ^2/NDF : 621.3/45

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.332 $\pm$ 0.395 χ^2 /NDF:387.6/5

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 87.502 $\pm$ 0.472 χ^2 /NDF:290.4/3

Left: 87.402 $\pm$ 0.303 χ^2 /NDF: 678.1/9

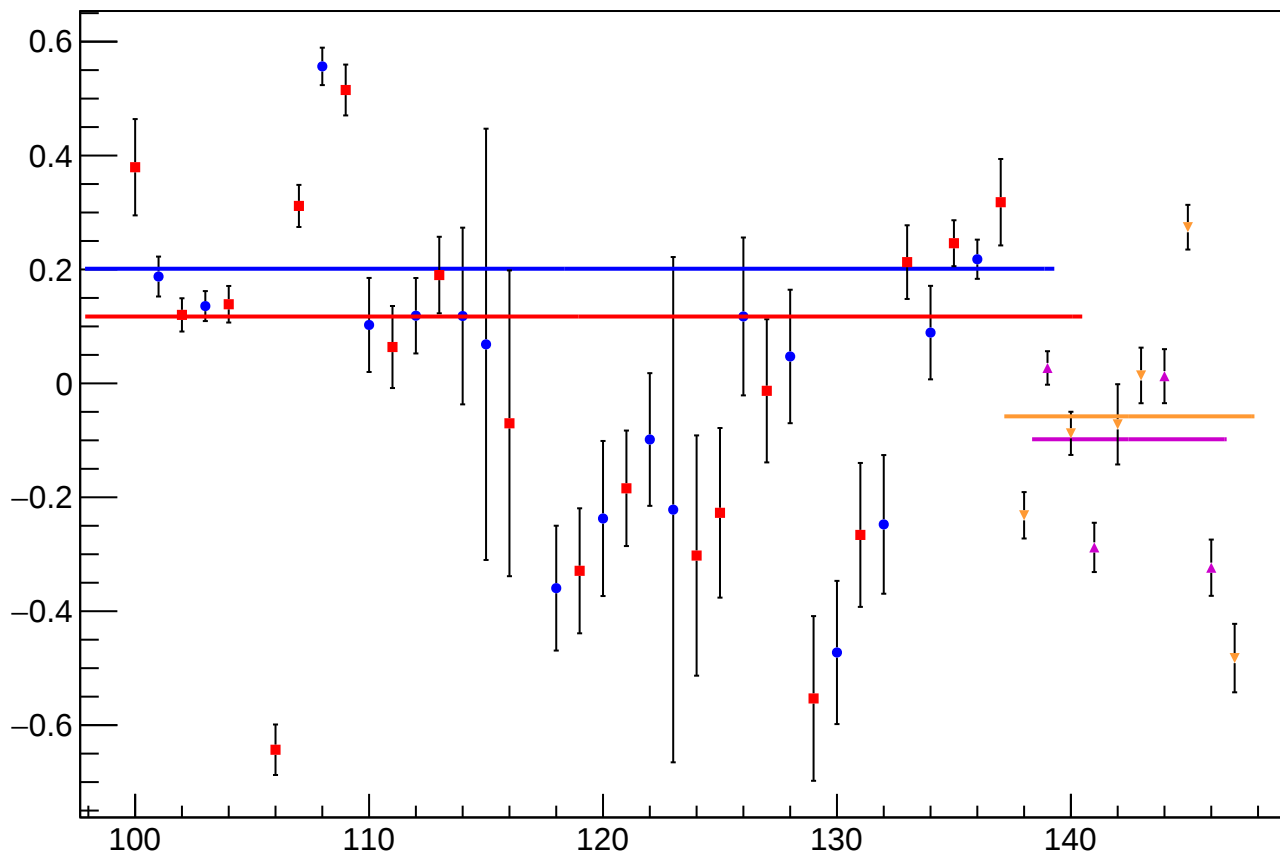
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 57.687 $\pm$ 0.255 χ^2 /NDF:30950.3/20

Out: 60.463 $\pm$ 0.233 χ^2 /NDF:35739.8/24

All: 59.198 $\pm$ 0.172 χ^2 /NDF: 66754.5/45

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.058 ± 0.019 χ^2/NDF : 142.5/5

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.098 ± 0.020 χ^2/NDF : 63.7/3

Left: -0.077 ± 0.014 χ^2/NDF : 208.3/9

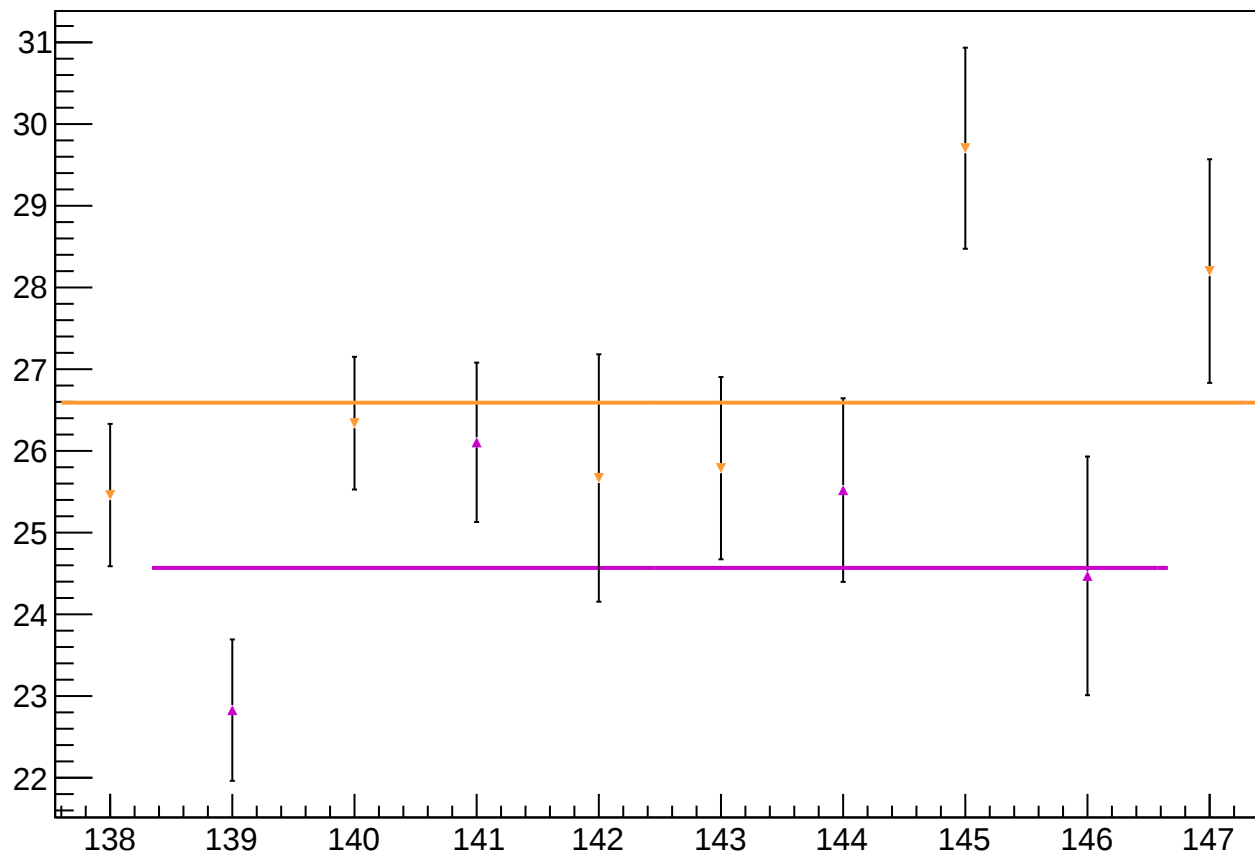
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.101 ± 0.011 χ^2/NDF : 432.8/20

Out: 0.060 ± 0.011 χ^2/NDF : 700.9/24

All: 0.079 ± 0.008 χ^2/NDF : 1140.5/45

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.590 $\pm$ 0.436 χ^2 /NDF:10.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Left: 25.763 $\pm$ 0.335 χ^2 /NDF: 26.5/9

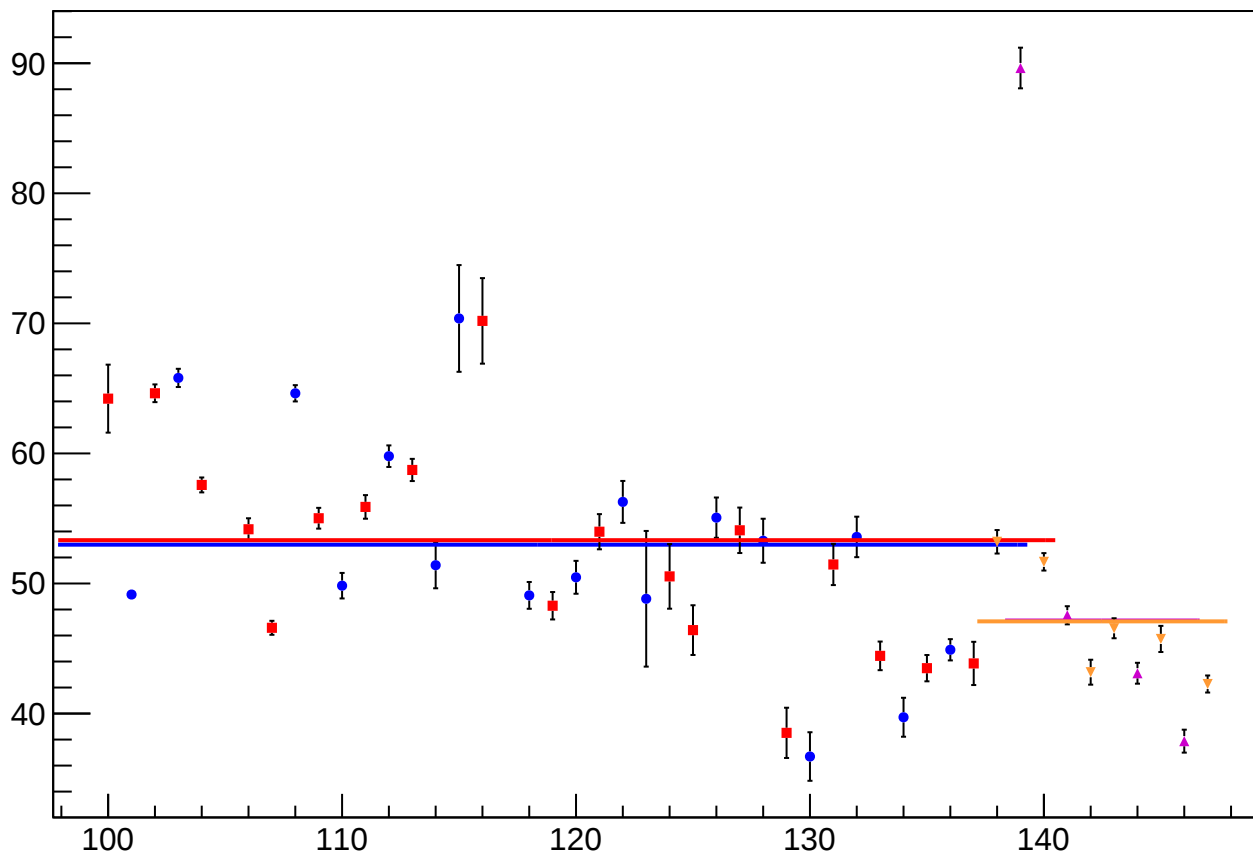
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Out: 26.590 $\pm$ 0.436 χ^2 /NDF:10.5/5

All: 25.763 $\pm$ 0.335 χ^2 /NDF: 26.5/9

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: 47.087 $\pm$ 0.324 χ^2 /NDF:165.5/5

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 47.153 $\pm$ 0.434 χ^2 /NDF:874.9/3

Left: 47.111 $\pm$ 0.259 χ^2 /NDF: 1040.3/9

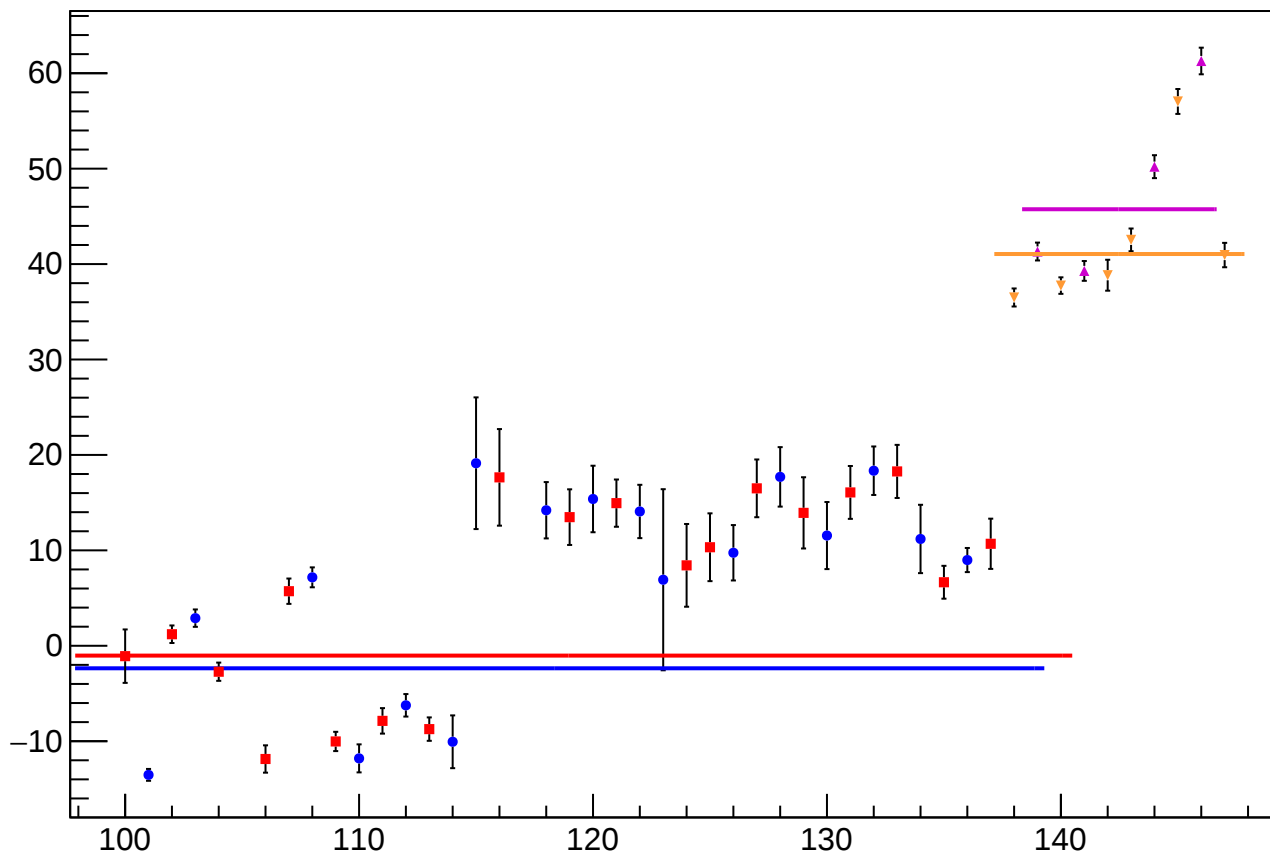
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 51.877 $\pm$ 0.189 χ^2 /NDF:2218.9/20

Out: 51.277 $\pm$ 0.186 χ^2 /NDF:1289.0/24

All: 51.571 $\pm$ 0.133 χ^2 /NDF: 3513.0/45

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 41.054 ± 0.459 χ^2/NDF : 191.4/5

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 45.746 ± 0.552 χ^2/NDF : 199.0/3

Left: 42.971 ± 0.353 χ^2/NDF : 433.1/9

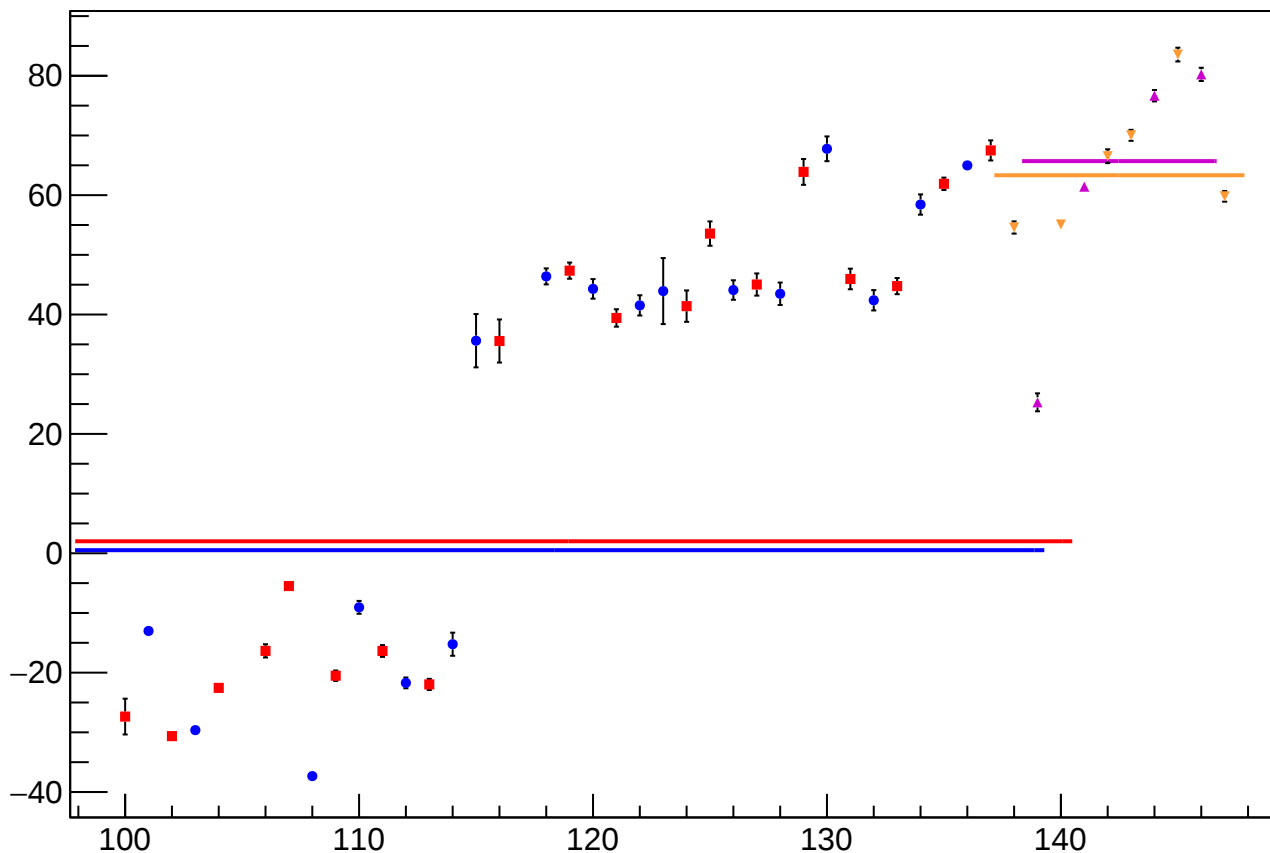
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 12.211 ± 0.304 χ^2/NDF : 6323.2/20

Out: 15.907 ± 0.291 χ^2/NDF : 5719.3/24

All: 14.138 ± 0.210 χ^2/NDF : 12119.6/45

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 63.336 $\pm$ 0.395 χ^2 /NDF:559.1/5

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 65.703 $\pm$ 0.514 χ^2 /NDF:1051.3/3

Left: 64.216 $\pm$ 0.313 χ^2 /NDF: 1623.7/9

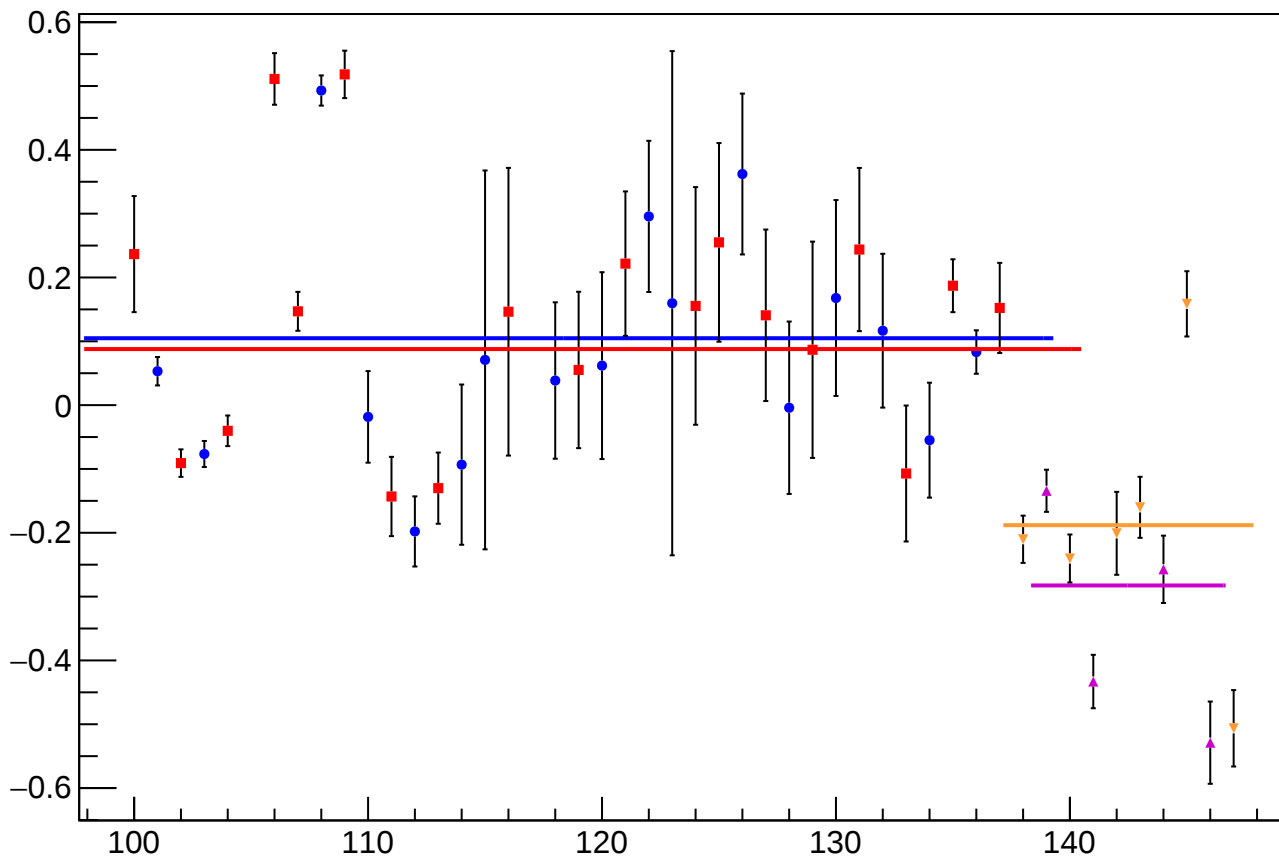
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 12.732 $\pm$ 0.223 χ^2 /NDF:32495.5/20

Out: 21.148 $\pm$ 0.221 χ^2 /NDF:32573.9/24

All: 16.972 $\pm$ 0.157 χ^2 /NDF: 65789.4/45

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.188 ± 0.019 χ^2/NDF : 76.9/5

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.283 ± 0.022 χ^2/NDF : 48.0/3

Left: -0.229 ± 0.014 χ^2/NDF : 135.5/9

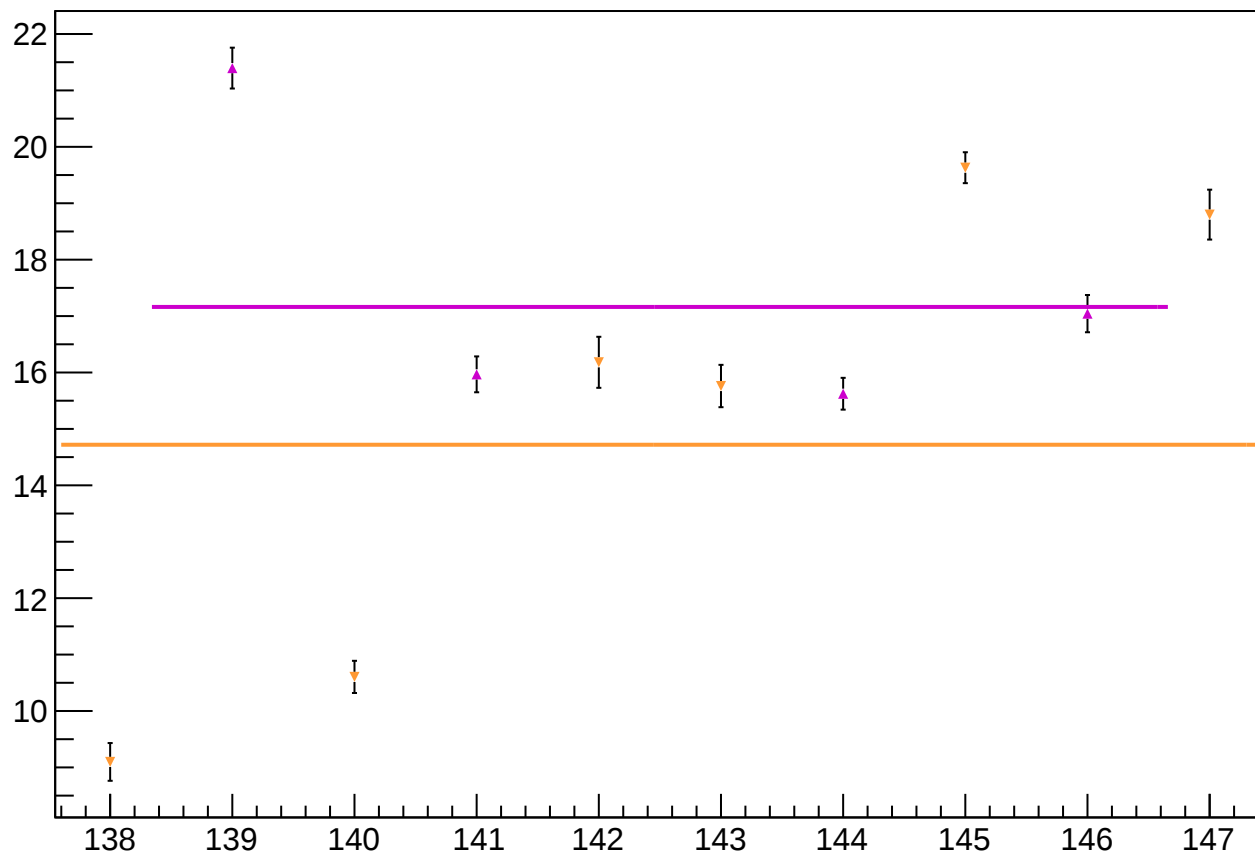
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: 0.026 ± 0.010 χ^2/NDF : 698.7/20

Out: 0.018 ± 0.010 χ^2/NDF : 626.1/24

All: 0.022 ± 0.007 χ^2/NDF : 1325.1/45

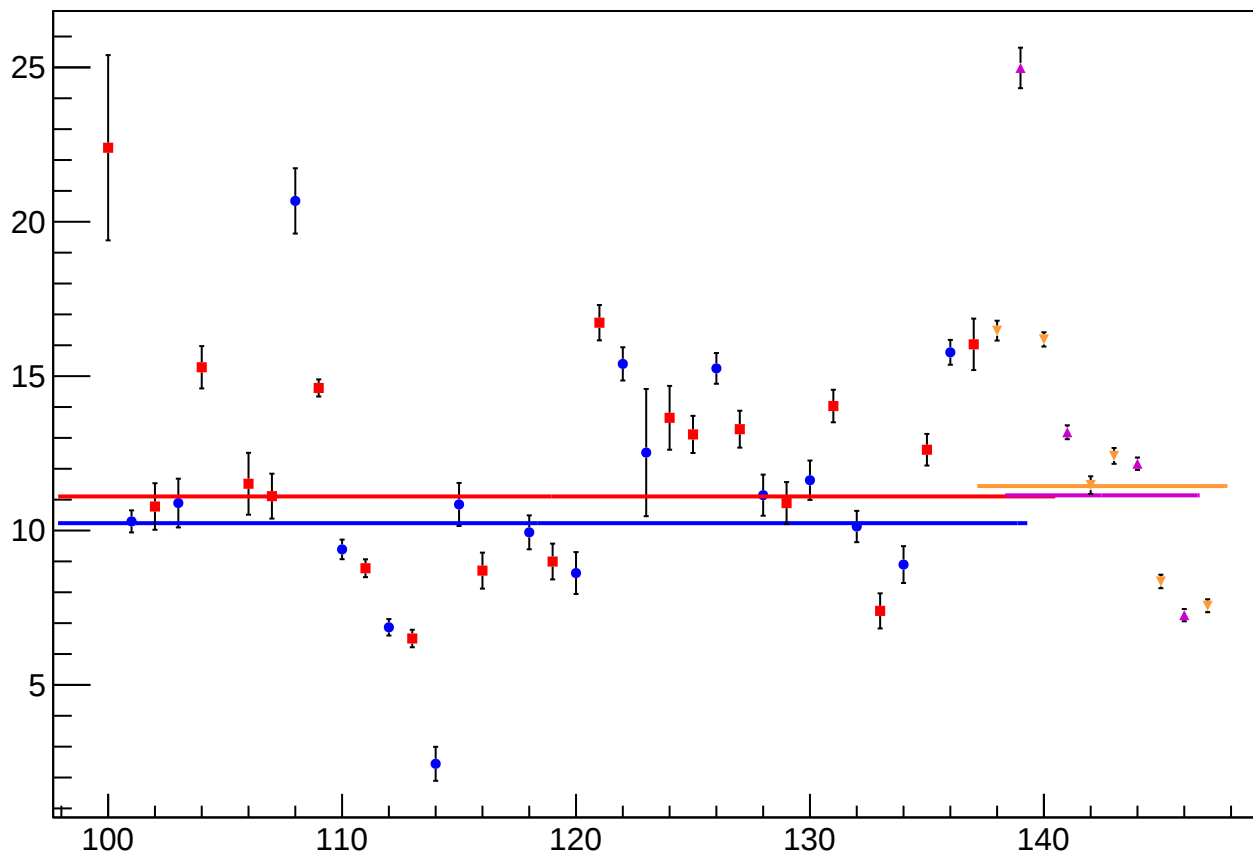
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 14.720 $\pm$ 0.139 χ^2 /NDF:914.5/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 17.162 $\pm$ 0.160 χ^2 /NDF:180.8/3

Left: 15.775 $\pm$ 0.105 χ^2 /NDF: 1228.5/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 17.162 $\pm$ 0.160 χ^2 /NDF:180.8/3
 Out: 14.720 $\pm$ 0.139 χ^2 /NDF:914.5/5
 All: 15.775 $\pm$ 0.105 χ^2 /NDF: 1228.5/9

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 11.439 ± 0.100 $\chi^2/\text{NDF}: 1221.5/5$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 11.139 ± 0.118 $\chi^2/\text{NDF}: 933.7/3$

Left: 11.313 ± 0.076 $\chi^2/\text{NDF}: 2159.0/9$

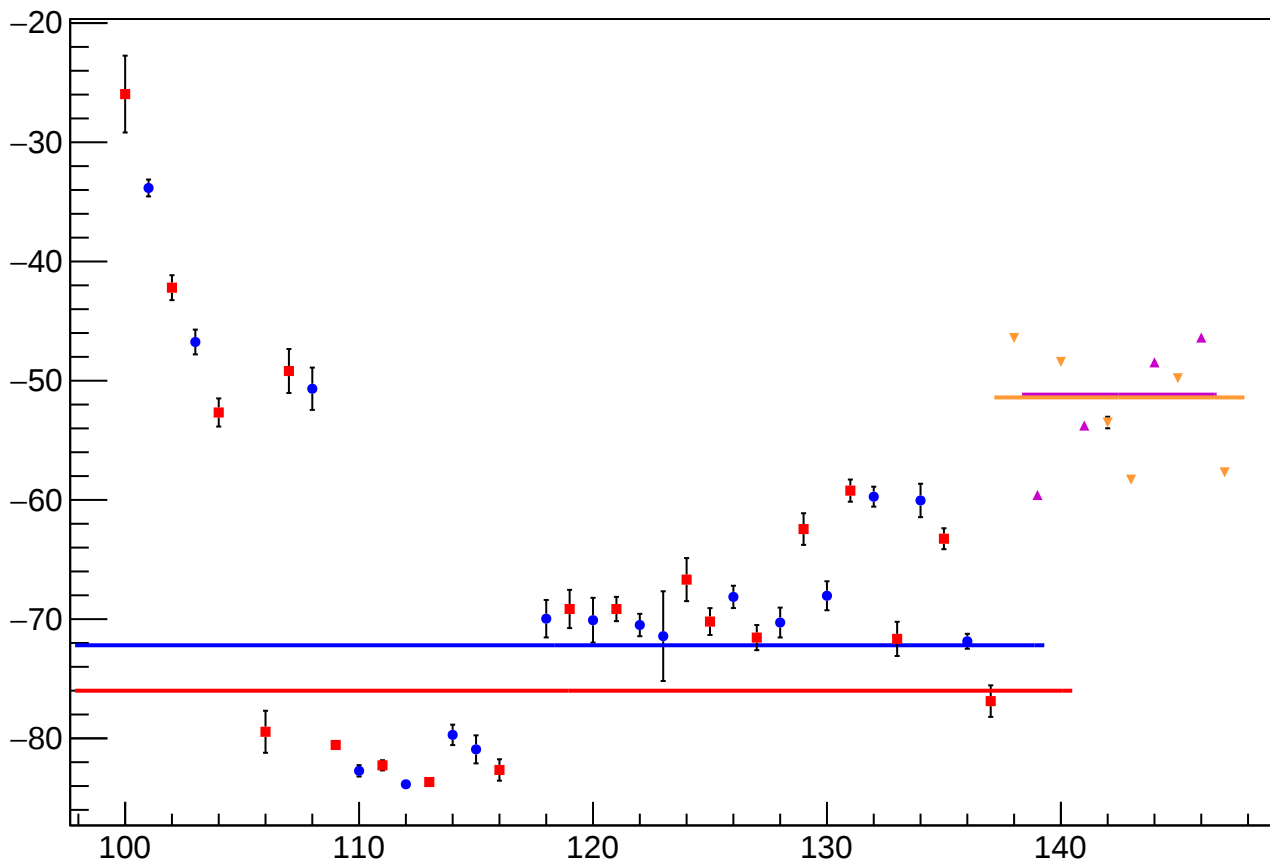
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 10.694 ± 0.084 $\chi^2/\text{NDF}: 1830.0/20$

Out: 11.296 ± 0.076 $\chi^2/\text{NDF}: 2041.5/24$

All: 11.025 ± 0.056 $\chi^2/\text{NDF}: 3899.9/45$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -51.402 ± 0.147 $\chi^2/\text{NDF}: 863.5/5$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -51.169 ± 0.166 $\chi^2/\text{NDF}: 829.8/3$

Left: -51.300 ± 0.110 $\chi^2/\text{NDF}: 1694.4/9$

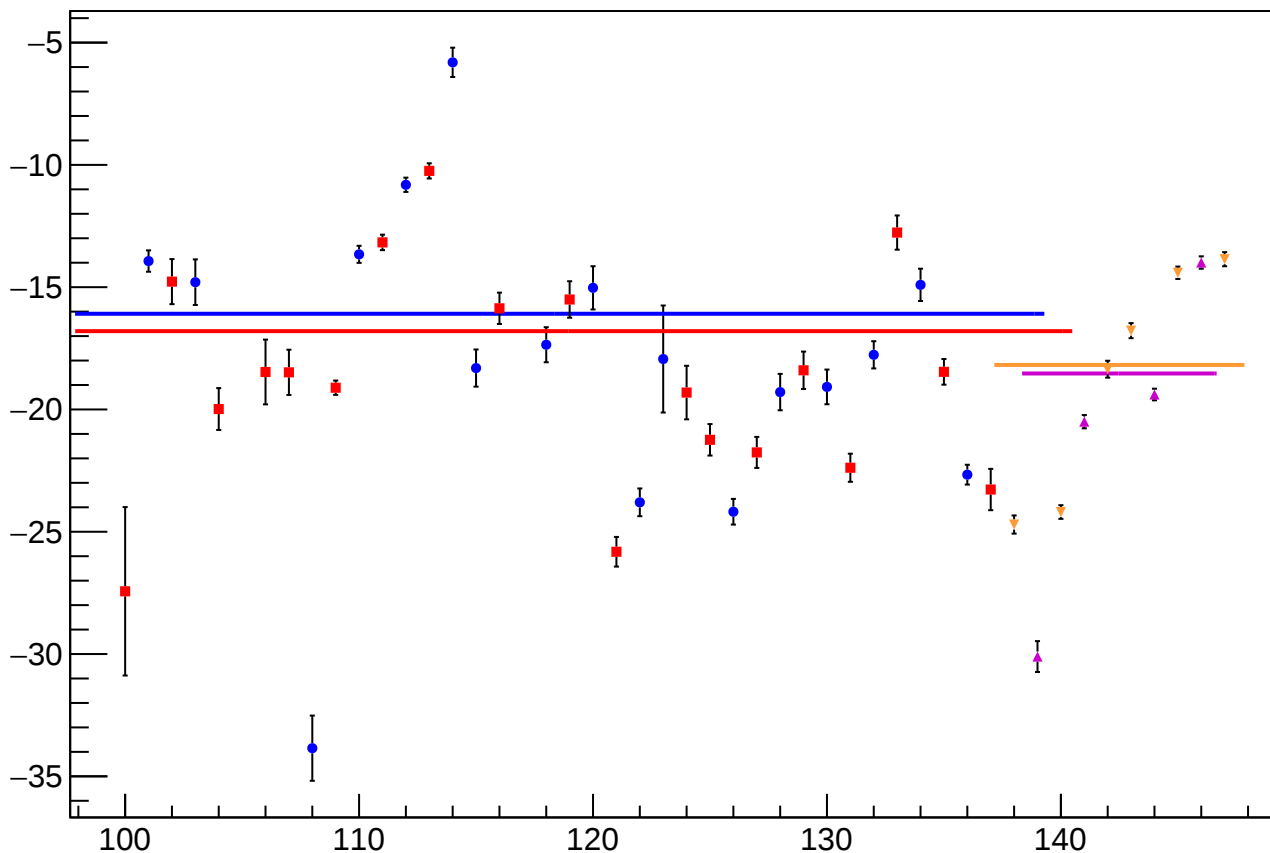
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -59.849 ± 0.127 $\chi^2/\text{NDF}: 13002.5/20$

Out: -61.154 ± 0.114 $\chi^2/\text{NDF}: 15486.0/24$

All: -60.574 ± 0.085 $\chi^2/\text{NDF}: 28546.8/45$

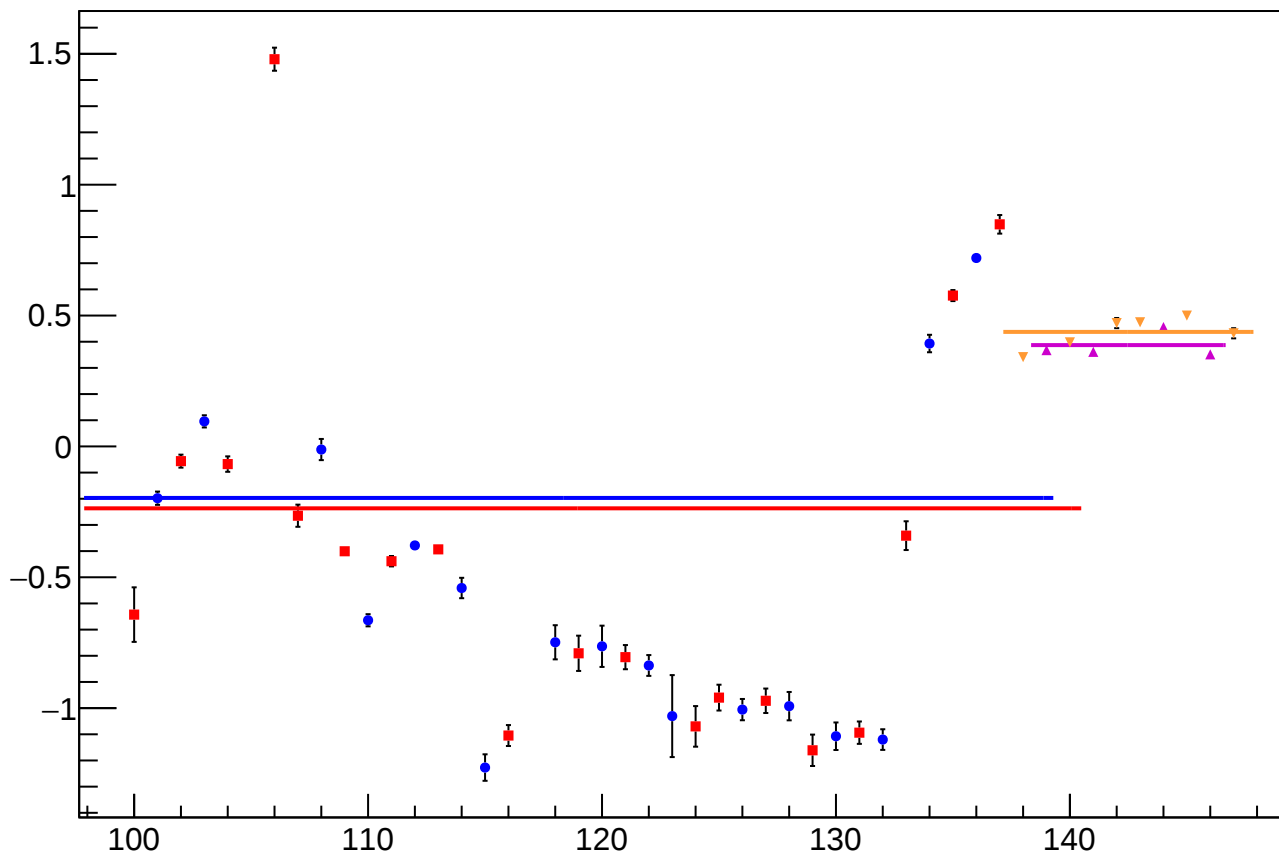
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16
 Left Out: -18.180 ± 0.123 χ^2/NDF : 1234.5/5
 Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18
 Left In: -18.528 ± 0.142 χ^2/NDF : 722.6/3

Left: -18.328 ± 0.093 χ^2/NDF : 1960.6/9
 Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35
 In: -17.219 ± 0.097 χ^2/NDF : 2501.9/20
 Out: -17.519 ± 0.089 χ^2/NDF : 2509.1/24
 All: -17.382 ± 0.065 χ^2/NDF : 5016.3/45

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.438 ± 0.006 χ^2/NDF : 91.5/5

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.387 ± 0.007 χ^2/NDF : 39.0/3

Left: 0.416 ± 0.005 χ^2/NDF : 160.6/9

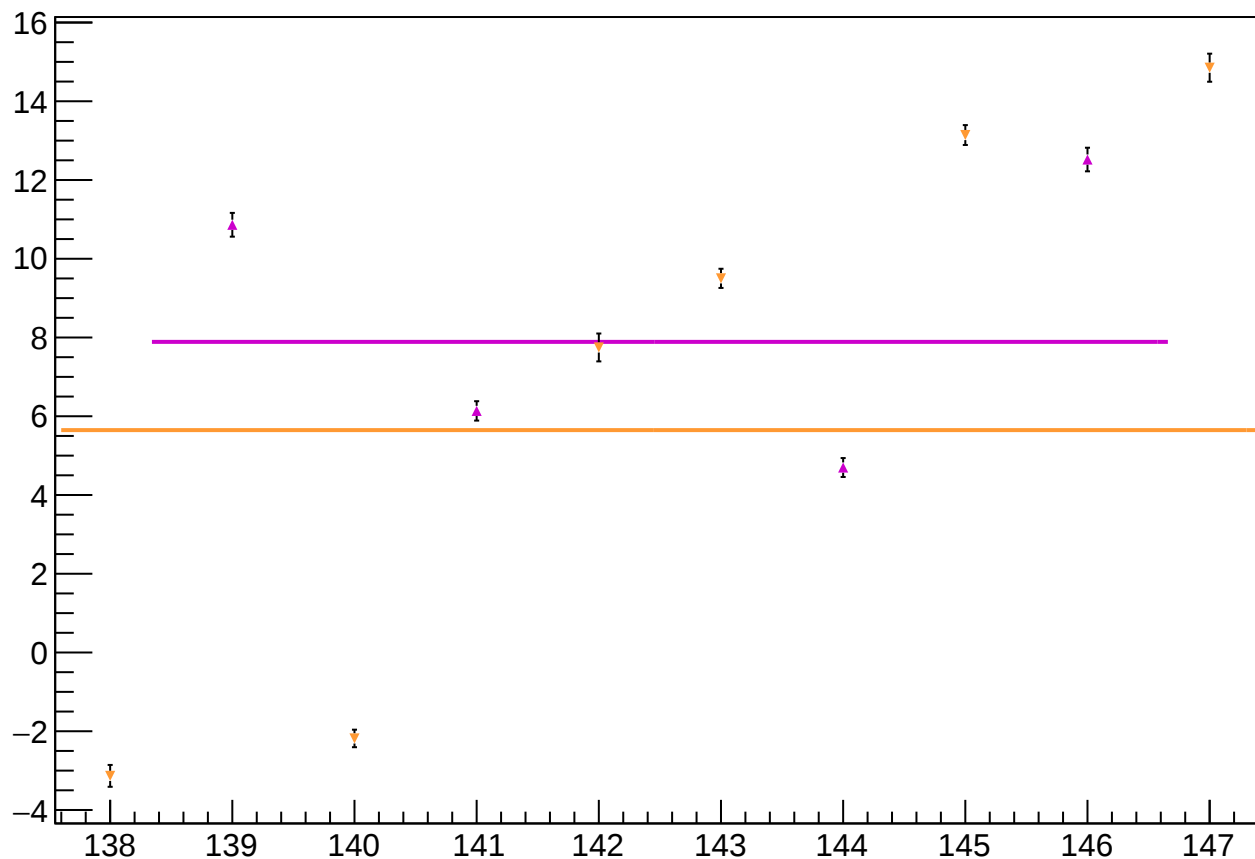
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.121 ± 0.005 χ^2/NDF : 9629.5/20

Out: 0.157 ± 0.005 χ^2/NDF : 11468.5/24

All: 0.141 ± 0.003 χ^2/NDF : 21124.7/45

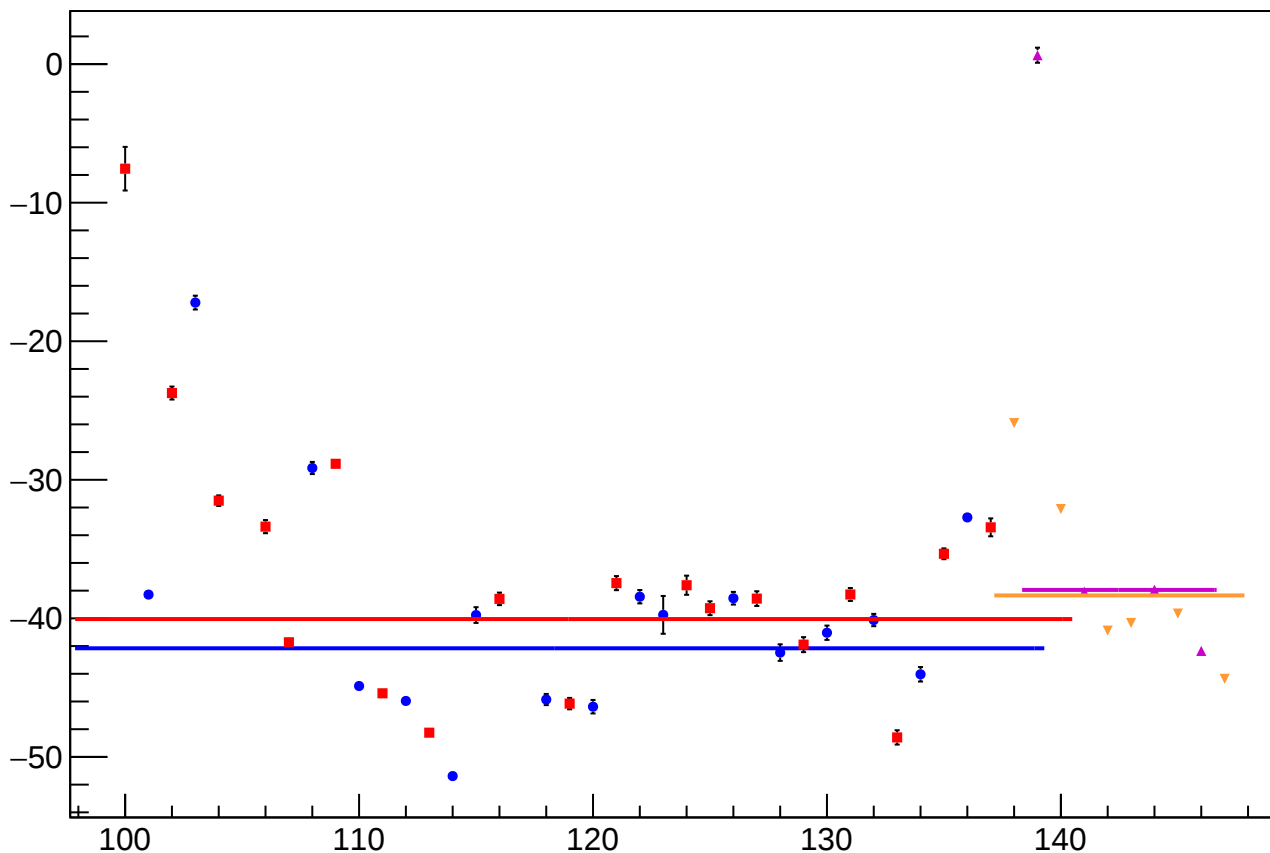
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.648+/-0.111 χ^2/NDF : 4071.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.889+/-0.134 χ^2/NDF : 562.6/3

Left: 6.559+/-0.085 χ^2/NDF : 4800.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.889+/-0.134 χ^2/NDF : 562.6/3
 Out: 5.648+/-0.111 χ^2/NDF : 4071.4/5
 All: 6.559+/-0.085 χ^2/NDF : 4800.6/9

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.346 ± 0.079 $\chi^2/\text{NDF}: 4889.7/5$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -37.947 ± 0.101 $\chi^2/\text{NDF}: 5577.7/3$

Left: -38.193 ± 0.062 $\chi^2/\text{NDF}: 10477.1/9$

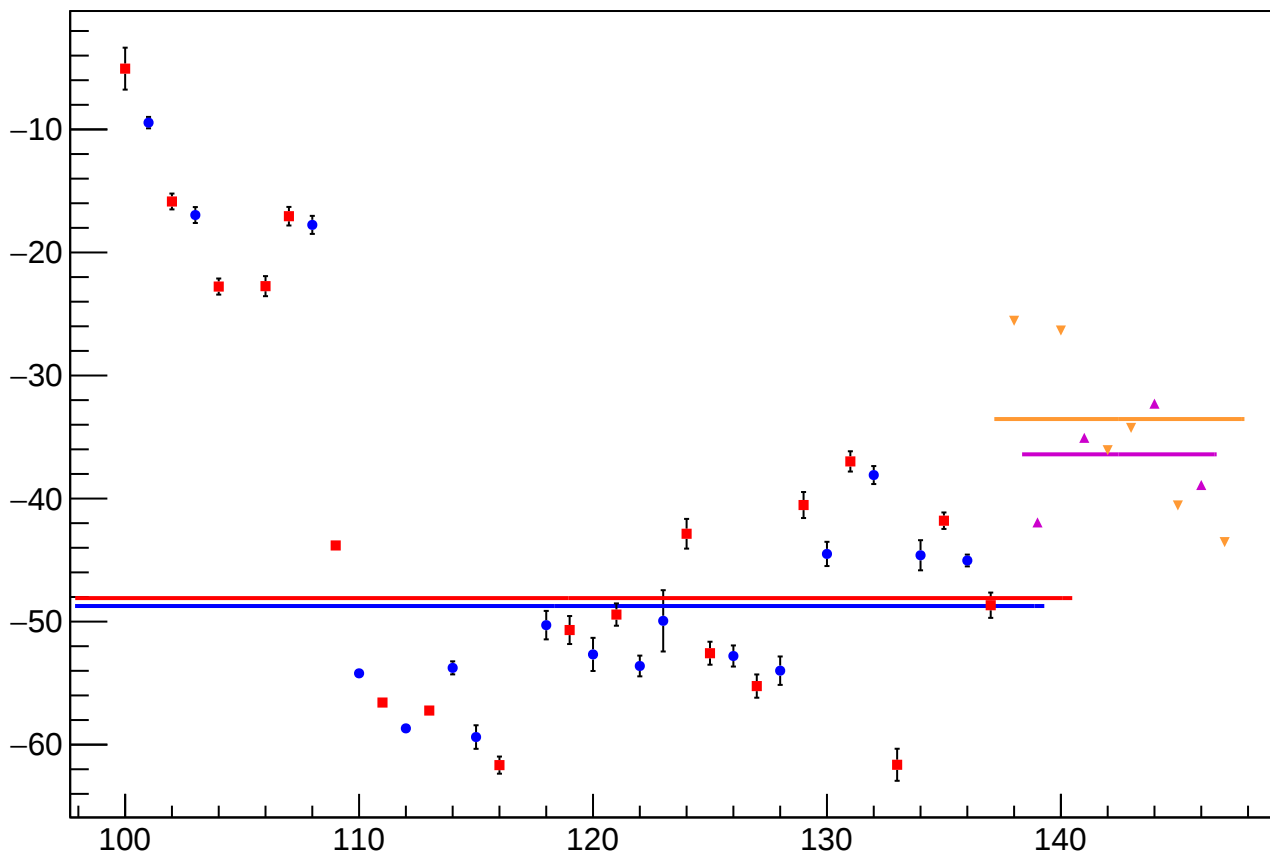
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.579 ± 0.062 $\chi^2/\text{NDF}: 13245.5/20$

Out: -39.272 ± 0.054 $\chi^2/\text{NDF}: 16451.5/24$

All: -39.836 ± 0.040 $\chi^2/\text{NDF}: 29953.2/45$

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: -33.537 ± 0.117 $\chi^2/\text{NDF}: 3264.8/5$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -36.406 ± 0.140 $\chi^2/\text{NDF}: 644.2/3$

Left: -34.714 ± 0.090 $\chi^2/\text{NDF}: 4157.3/9$

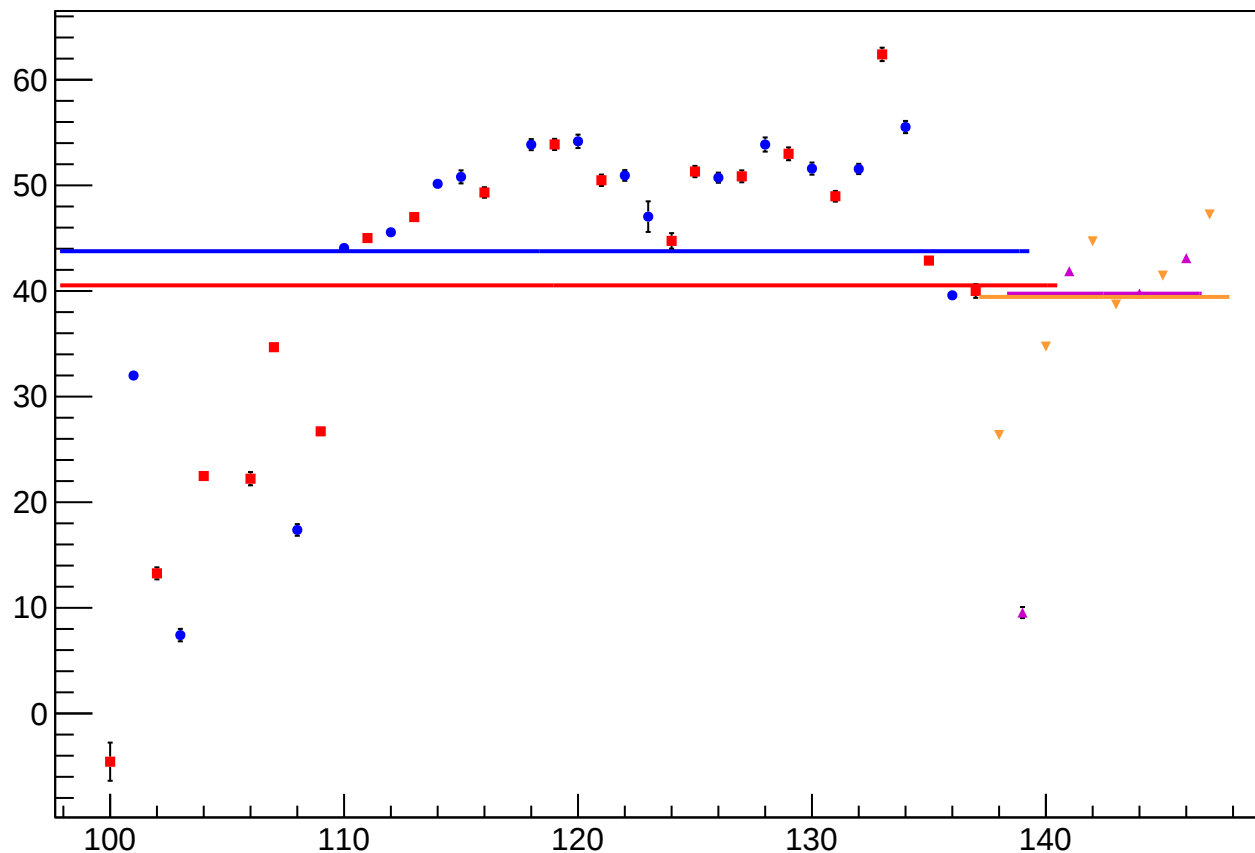
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -43.273 ± 0.093 $\chi^2/\text{NDF}: 19633.3/20$

Out: -41.423 ± 0.079 $\chi^2/\text{NDF}: 23435.1/24$

All: -42.197 ± 0.060 $\chi^2/\text{NDF}: 43298.3/45$

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: 39.437 $\pm$ 0.097 χ^2 /NDF: 3816.4/5

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 39.747 $\pm$ 0.121 χ^2 /NDF: 3625.4/3

Left: 39.559 $\pm$ 0.076 χ^2 /NDF: 7445.8/9

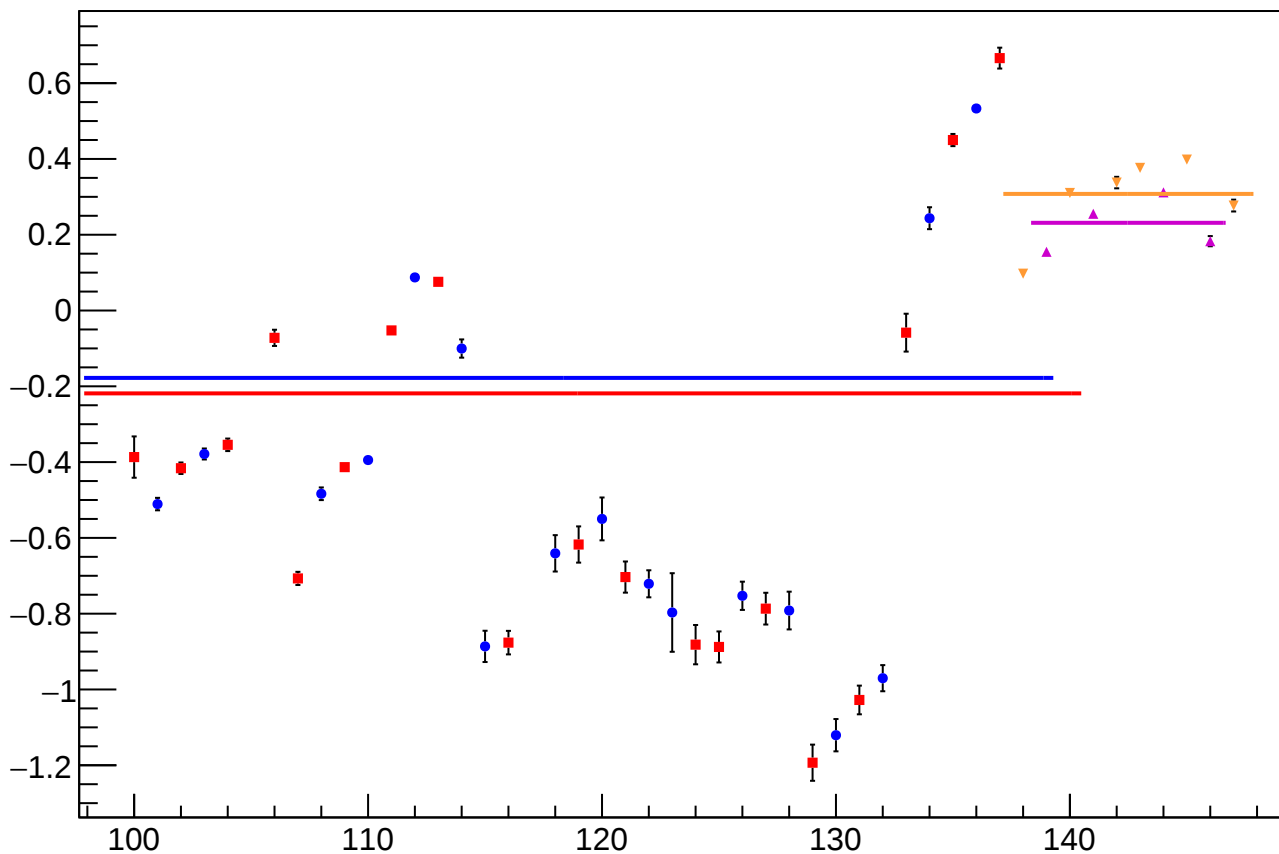
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.396 $\pm$ 0.070 χ^2 /NDF: 14990.1/20

Out: 40.088 $\pm$ 0.062 χ^2 /NDF: 21472.7/24

All: 41.092 $\pm$ 0.046 χ^2 /NDF: 37069.1/45

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7364.4/16$

Left Out: 0.308 ± 0.005 $\chi^2/\text{NDF}: 435.7/5$

Right Out: -0.219 ± 0.004 $\chi^2/\text{NDF}: 7465.2/18$

Left In: 0.231 ± 0.006 $\chi^2/\text{NDF}: 113.5/3$

Left: 0.276 ± 0.004 $\chi^2/\text{NDF}: 652.0/9$

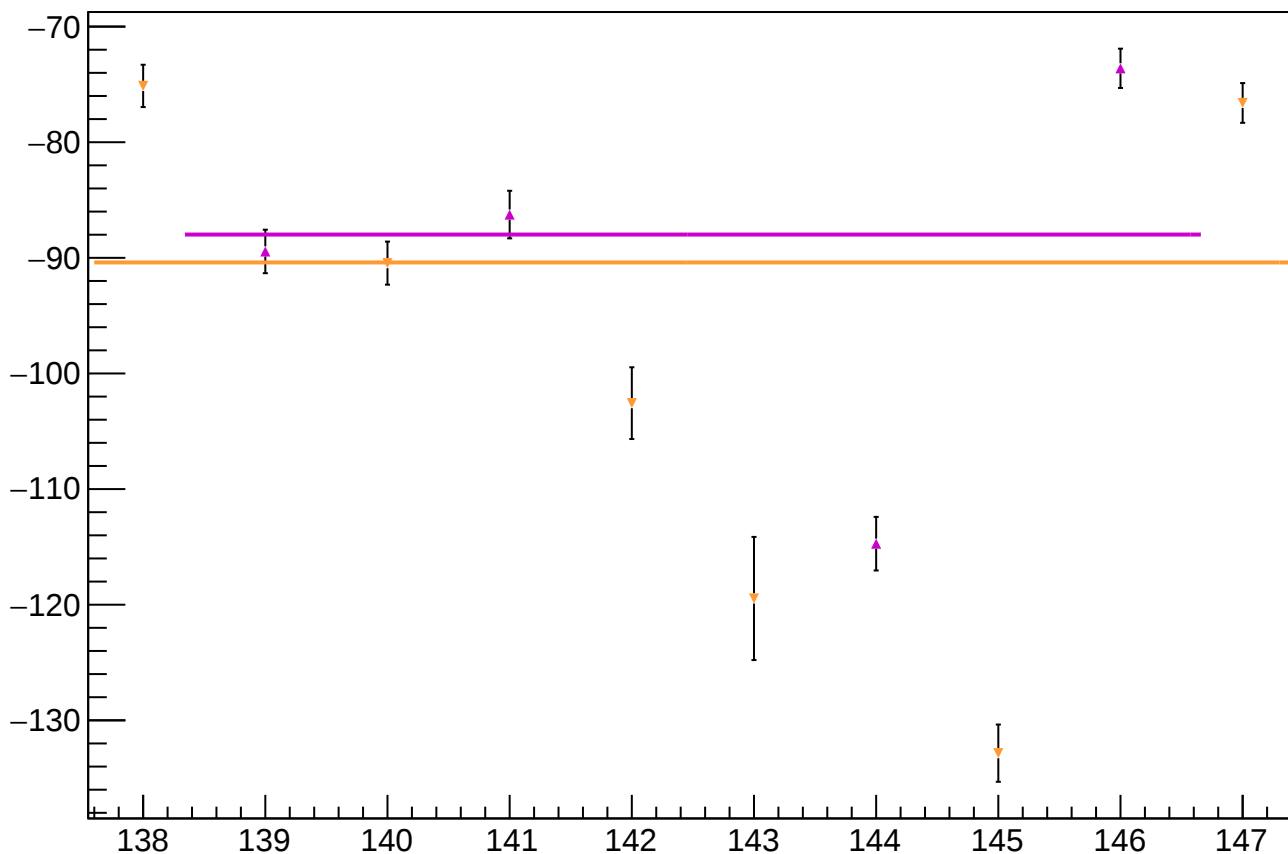
Right: -0.201 ± 0.003 $\chi^2/\text{NDF}: 14869.5/35$

In: -0.009 ± 0.004 $\chi^2/\text{NDF}: 10427.0/20$

Out: 0.014 ± 0.003 $\chi^2/\text{NDF}: 14538.0/24$

All: 0.005 ± 0.002 $\chi^2/\text{NDF}: 24987.5/45$

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -90.399+/-0.903 χ^2/NDF :473.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.986+/-0.975 χ^2/NDF :206.0/3

Left: -89.285+/-0.662 χ^2/NDF : 682.4/9

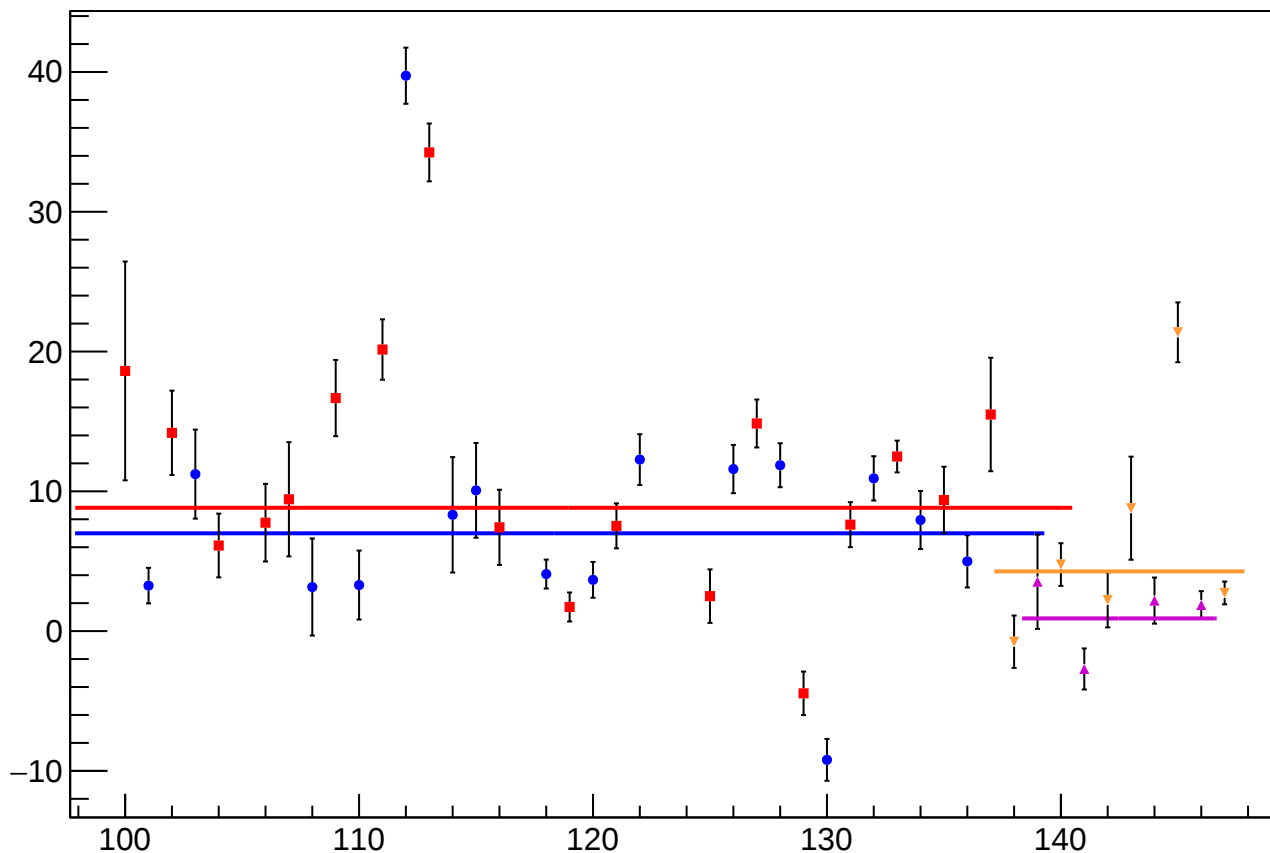
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.986+/-0.975 χ^2/NDF :206.0/3

Out: -90.399+/-0.903 χ^2/NDF :473.1/5

All: -89.285+/-0.662 χ^2/NDF : 682.4/9

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 4.272 $\pm$ 0.601 χ^2 /NDF: 77.4/5

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 0.906 $\pm$ 0.719 χ^2 /NDF: 8.2/3

Left: 2.886 $\pm$ 0.461 χ^2 /NDF: 98.5/9

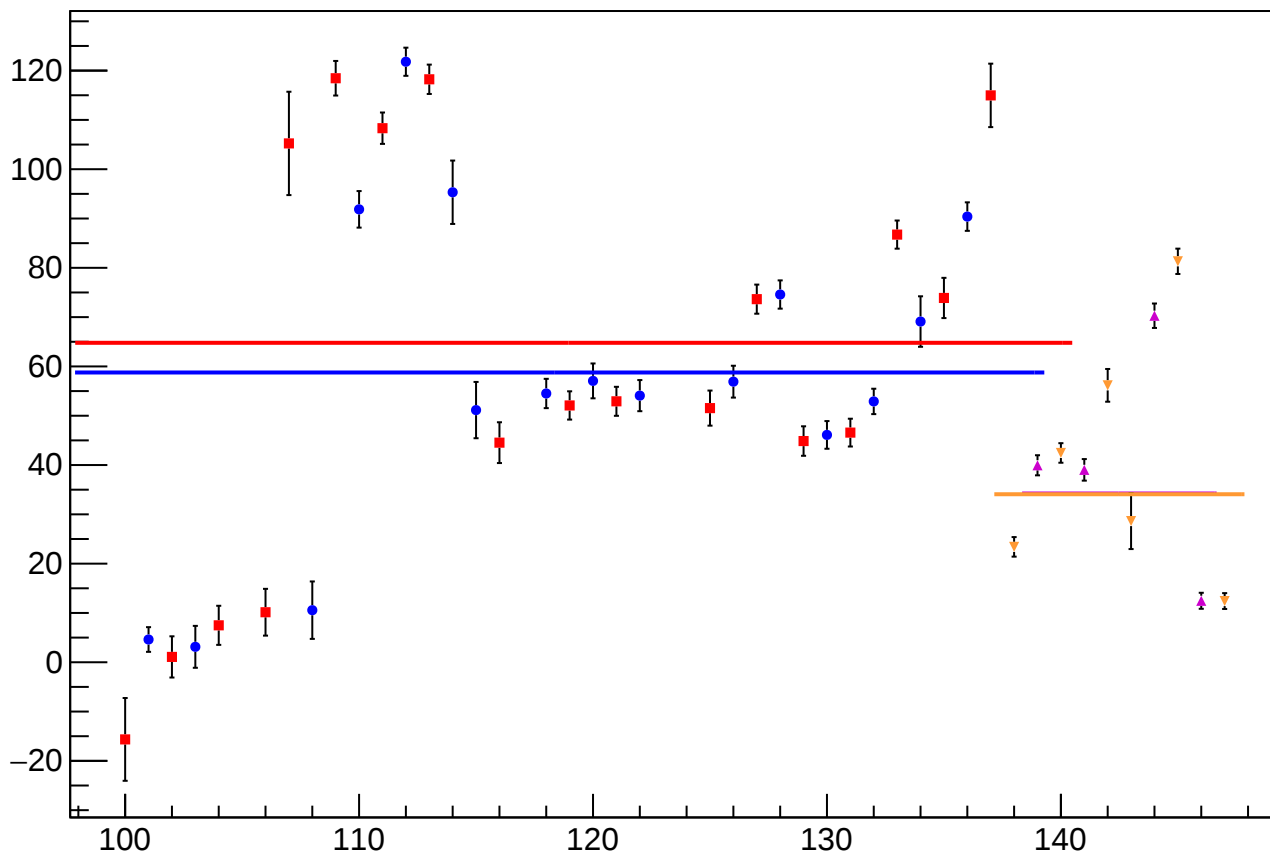
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 5.367 $\pm$ 0.372 χ^2 /NDF: 506.2/19

Out: 7.193 $\pm$ 0.360 χ^2 /NDF: 464.6/23

All: 6.310 $\pm$ 0.258 χ^2 /NDF: 983.2/43

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: 34.077 $\pm$ 0.925 χ^2 /NDF:612.2/5

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 34.231 $\pm$ 1.004 χ^2 /NDF:403.8/3

Left: 34.148 $\pm$ 0.680 χ^2 /NDF: 1016.0/9

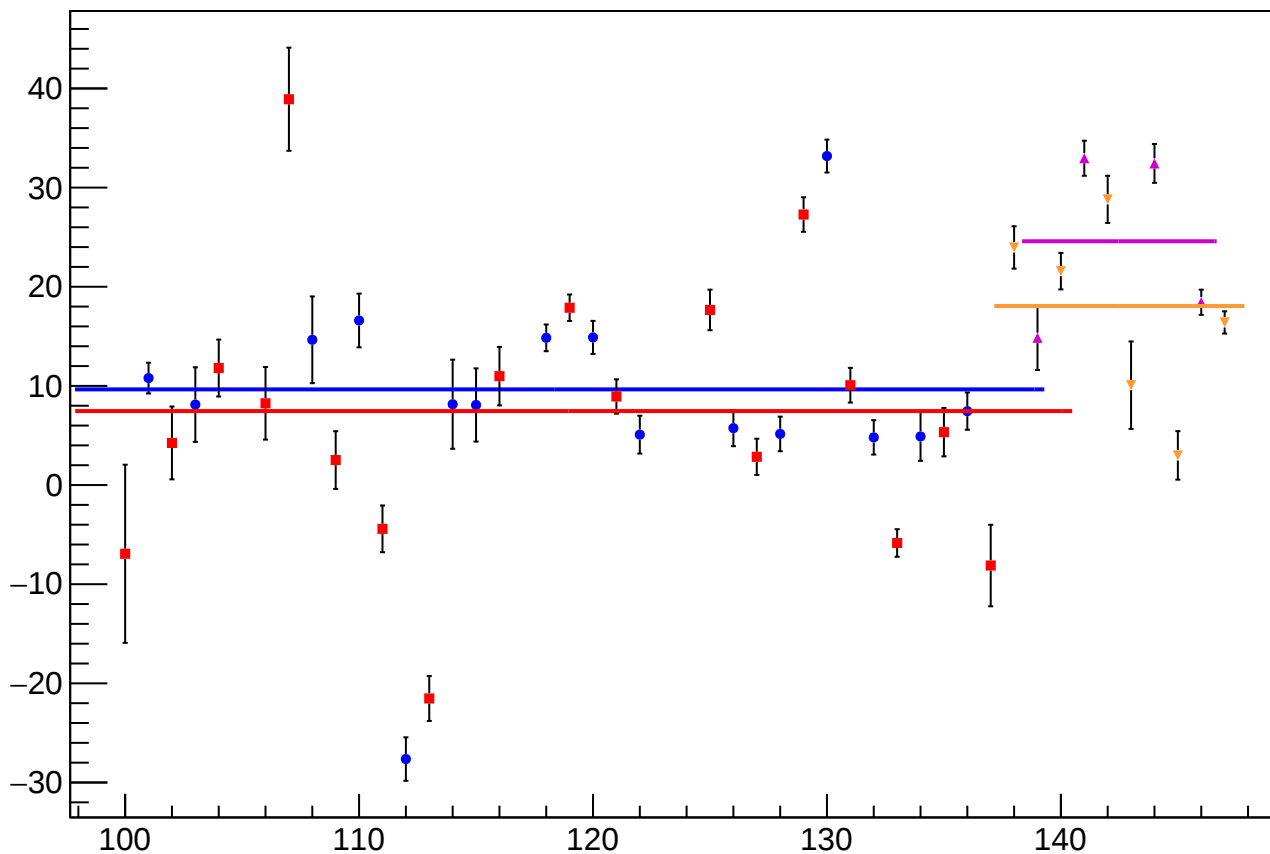
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 48.771 $\pm$ 0.641 χ^2 /NDF:2250.8/19

Out: 50.896 $\pm$ 0.622 χ^2 /NDF:2934.5/23

All: 49.866 $\pm$ 0.446 χ^2 /NDF: 5191.0/43

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 18.055 ± 0.766 χ^2/NDF : 75.1/5

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 24.586 ± 0.878 χ^2/NDF : 71.0/3

Left: 20.879 ± 0.577 χ^2/NDF : 177.6/9

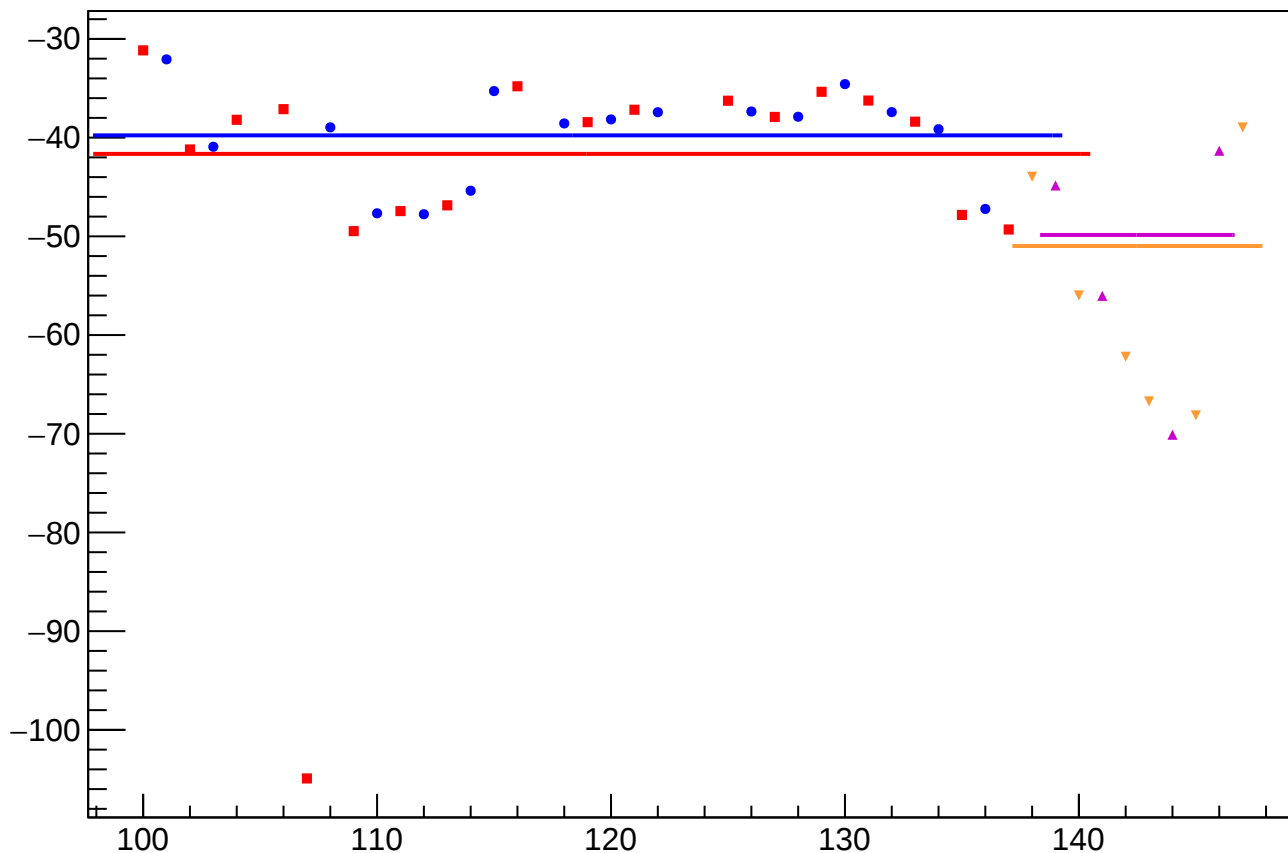
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 13.328 ± 0.436 χ^2/NDF : 842.7/19

Out: 10.763 ± 0.428 χ^2/NDF : 773.5/23

All: 12.022 ± 0.305 χ^2/NDF : 1633.8/43

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -50.979+/-0.039 χ^2/NDF : 77003.6/5

Right Out: -41.647+/-0.031 χ^2/NDF : 94514.5/17

Left In: -49.860+/-0.041 χ^2/NDF : 57387.1/3

Left: -50.446+/-0.029 χ^2/NDF : 134775.5/9

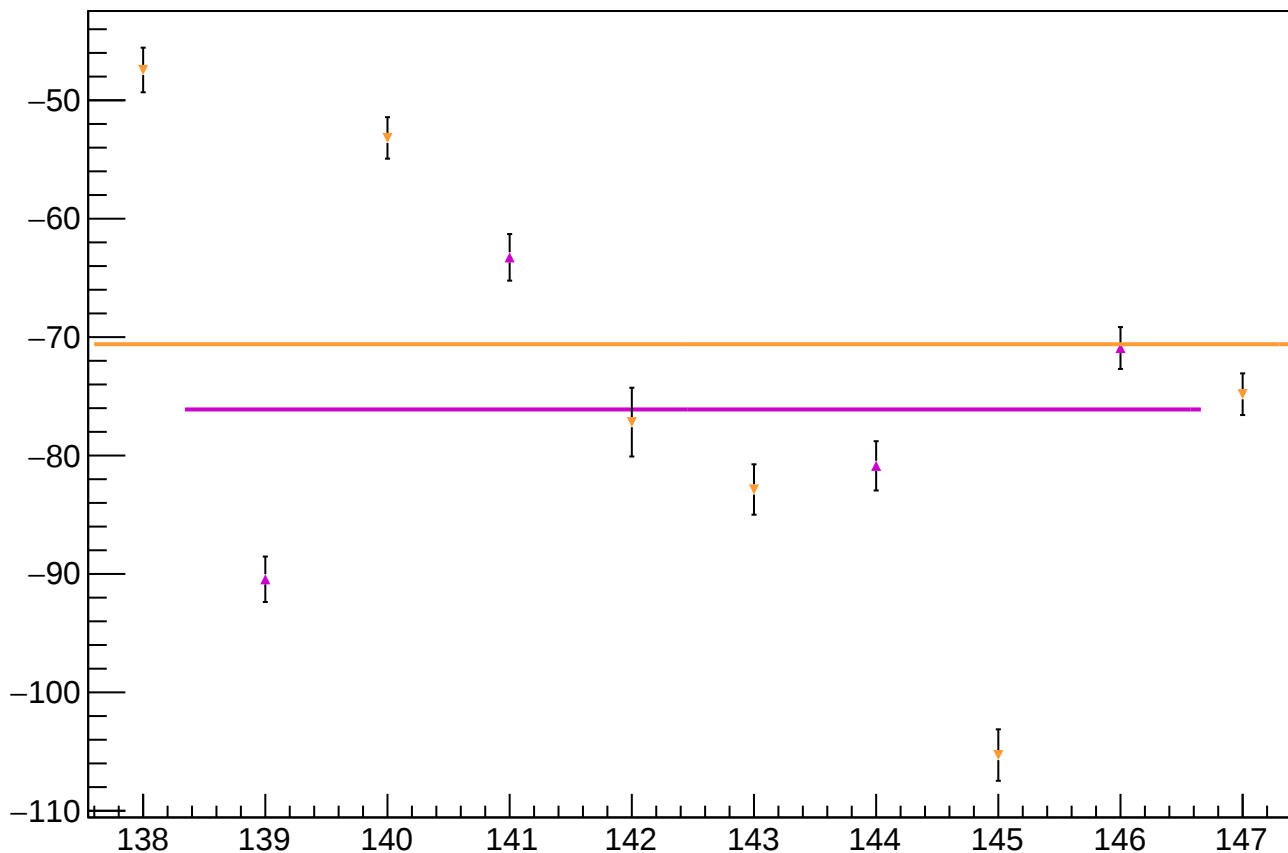
Right: -40.706+/-0.022 χ^2/NDF : 122504.5/33

In: -43.422+/-0.025 χ^2/NDF : 121631.5/19

Out: -45.246+/-0.024 χ^2/NDF : 206021.5/23

All: -44.348+/-0.017 χ^2/NDF : 330390.0/43

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.601+/-0.822 χ^2/NDF :548.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -76.108+/-0.961 χ^2/NDF :112.4/3

Left: -72.926+/-0.625 χ^2/NDF : 680.0/9

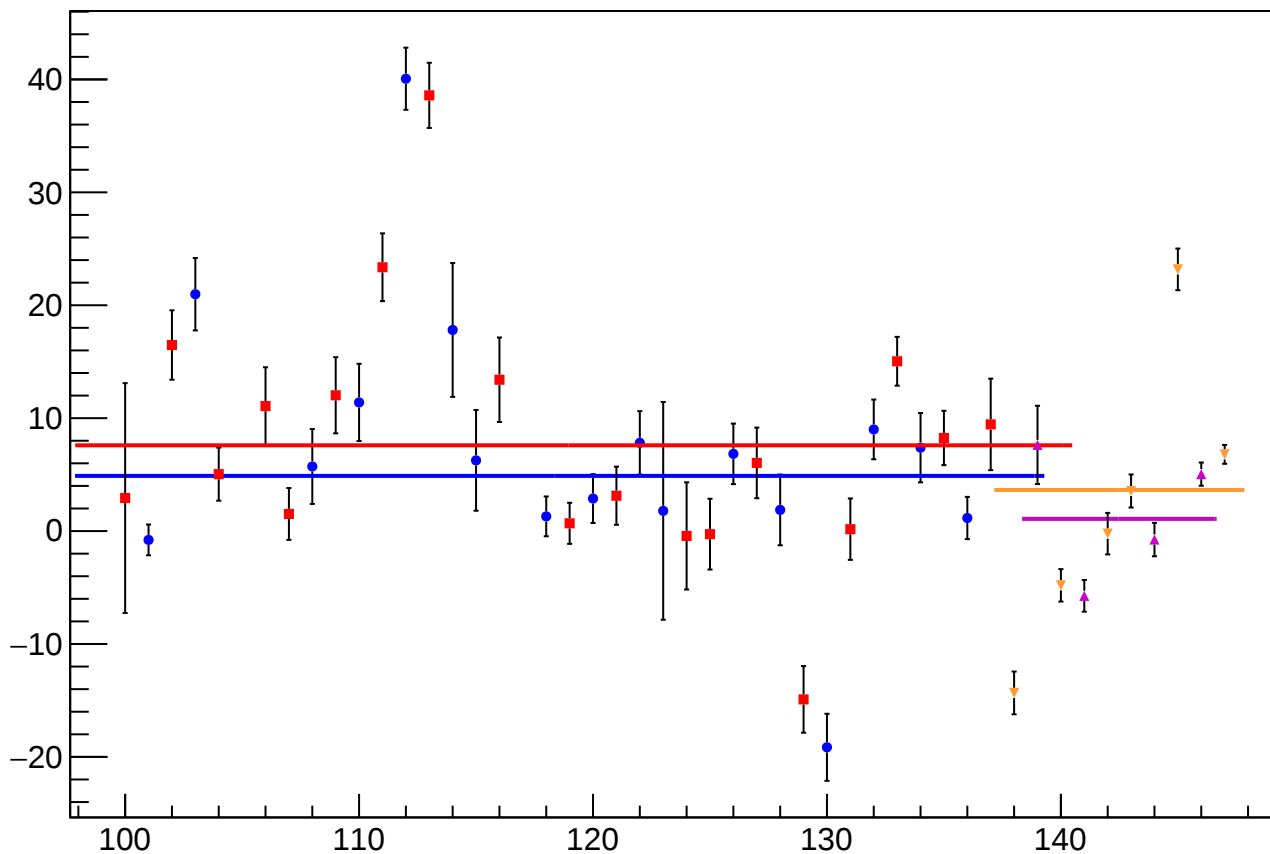
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.108+/-0.961 χ^2/NDF :112.4/3

Out: -70.601+/-0.822 χ^2/NDF :548.6/5

All: -72.926+/-0.625 χ^2/NDF : 680.0/9

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: 3.639 $\pm$ 0.554 χ^2 /NDF:255.3/5

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 1.080 $\pm$ 0.708 χ^2 /NDF:43.6/3

Left: 2.667 $\pm$ 0.436 χ^2 /NDF: 307.0/9

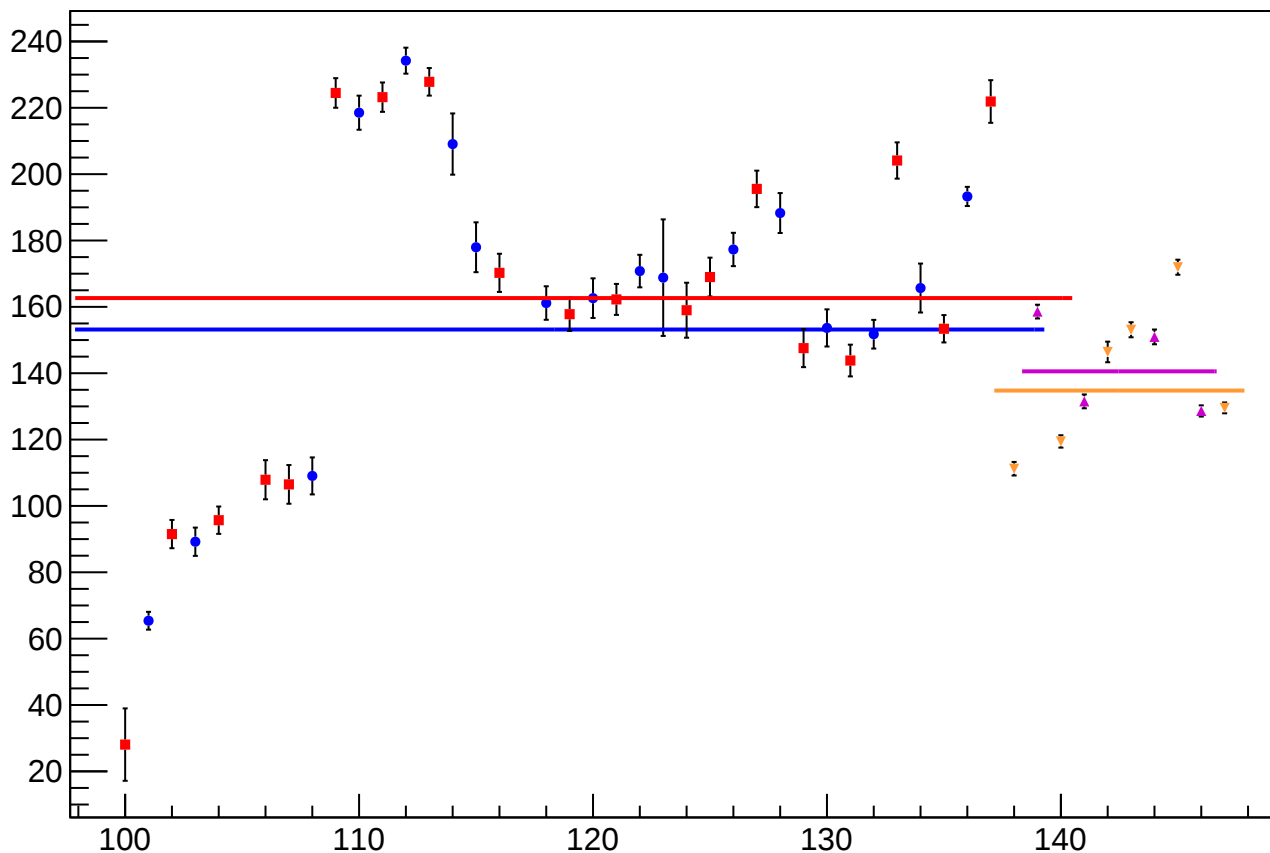
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 3.230 $\pm$ 0.467 χ^2 /NDF:354.6/20

Out: 5.302 $\pm$ 0.422 χ^2 /NDF:546.1/24

All: 4.371 $\pm$ 0.313 χ^2 /NDF: 911.6/45

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 134.774 $\pm$ 0.848 χ^2 /NDF:558.0/5

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 140.563 $\pm$ 0.993 χ^2 /NDF:165.6/3

Left: 137.217 $\pm$ 0.645 χ^2 /NDF: 743.3/9

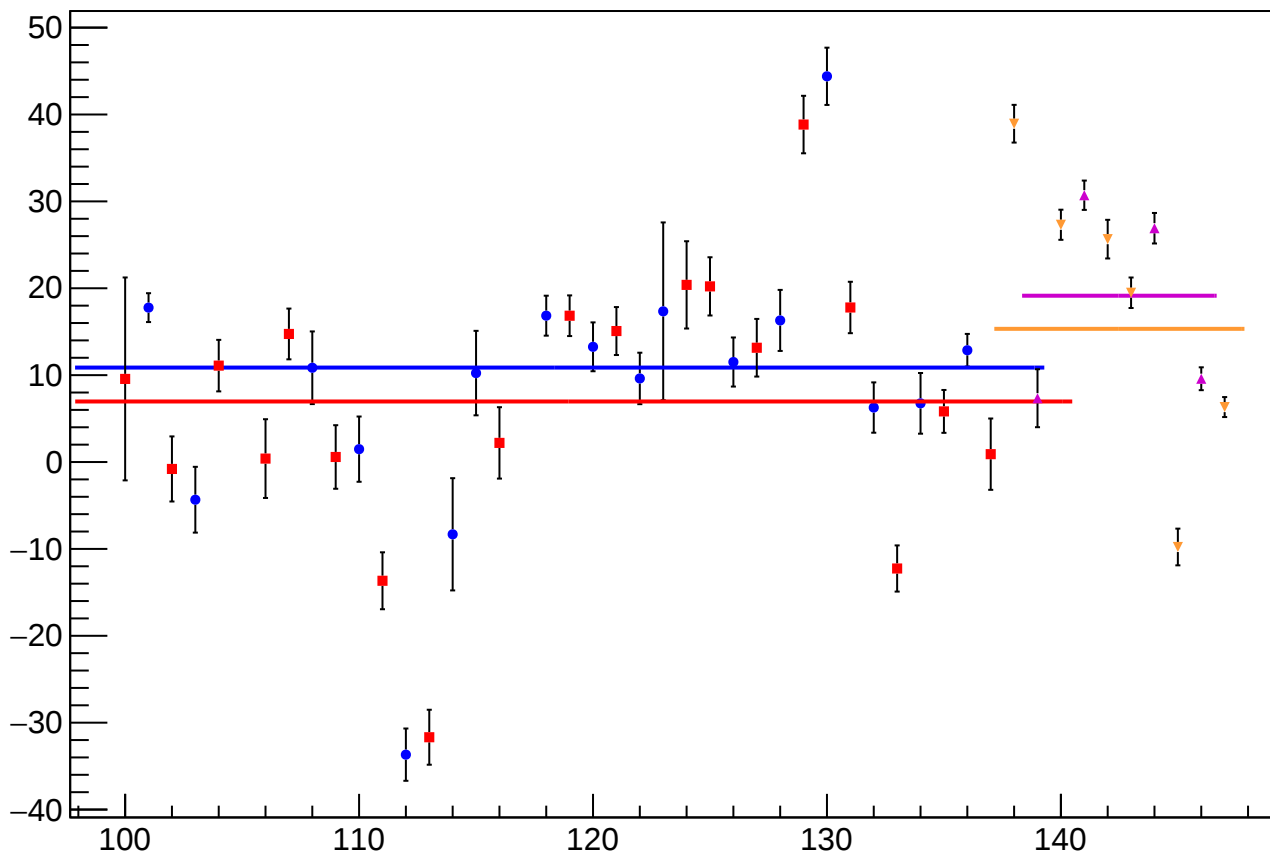
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 145.970 $\pm$ 0.751 χ^2 /NDF:2499.0/20

Out: 144.315 $\pm$ 0.688 χ^2 /NDF:2636.1/24

All: 145.071 $\pm$ 0.507 χ^2 /NDF: 5137.7/45

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.330 $\pm$ 0.698 χ^2 /NDF:395.7/5

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 19.142 $\pm$ 0.863 χ^2 /NDF:131.8/3

Left: 16.838 $\pm$ 0.543 χ^2 /NDF: 539.3/9

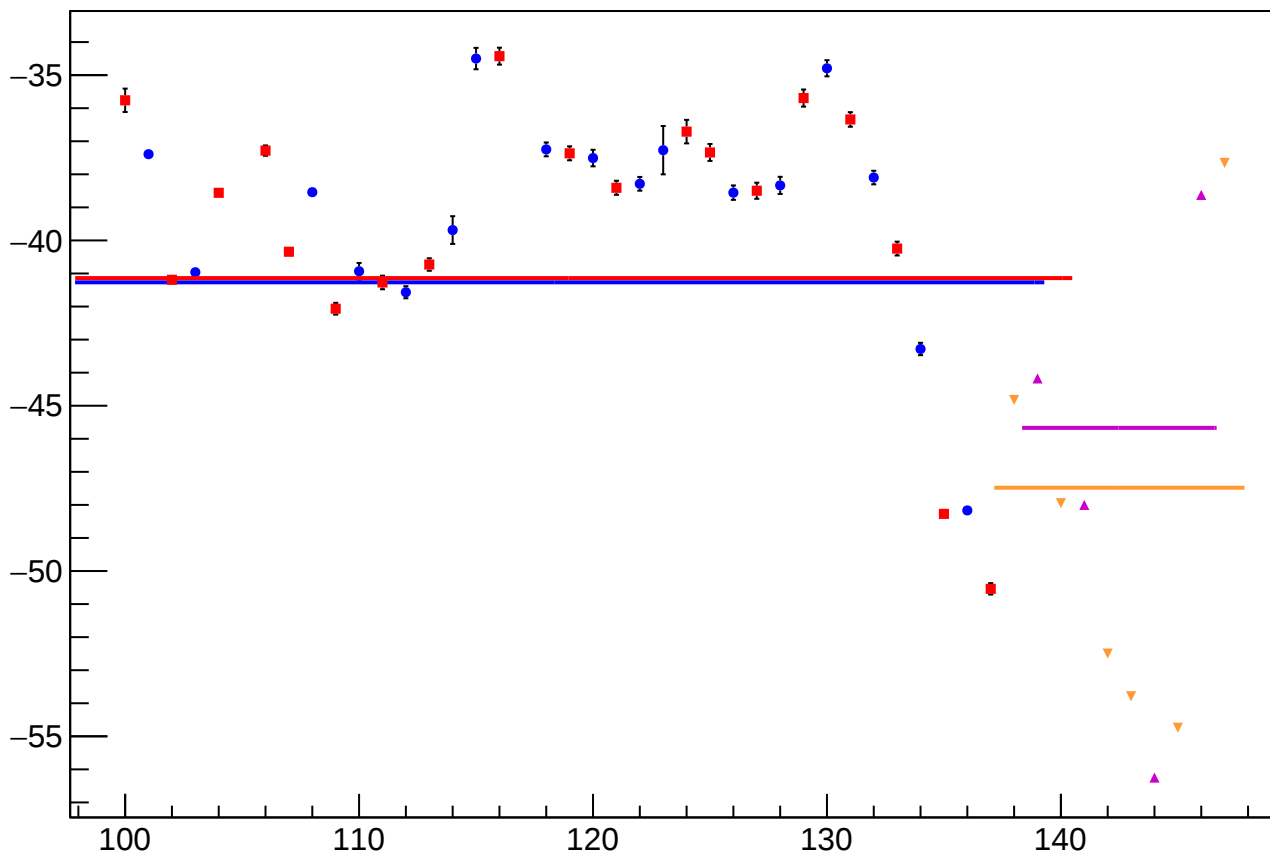
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.235 $\pm$ 0.550 χ^2 /NDF:573.0/20

Out: 11.435 $\pm$ 0.510 χ^2 /NDF:884.8/24

All: 12.729 $\pm$ 0.374 χ^2 /NDF: 1471.7/45

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: -47.481 ± 0.036 $\chi^2/\text{NDF}: 30181.4/5$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -45.670 ± 0.041 $\chi^2/\text{NDF}: 21191.6/3$

Left: -46.695 ± 0.027 $\chi^2/\text{NDF}: 52481.2/9$

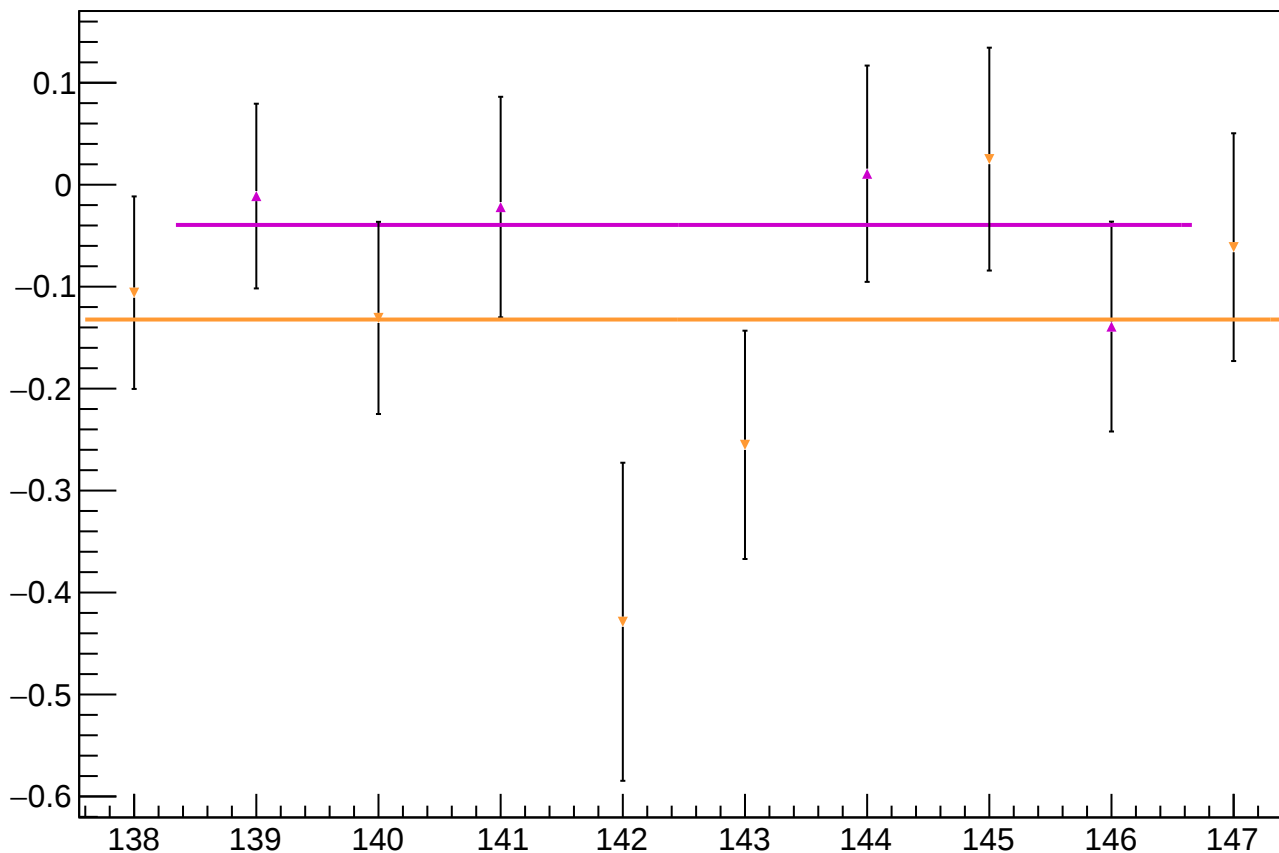
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -43.335 ± 0.028 $\chi^2/\text{NDF}: 39908.0/20$

Out: -44.547 ± 0.026 $\chi^2/\text{NDF}: 56920.9/24$

All: -43.981 ± 0.019 $\chi^2/\text{NDF}: 97824.1/45$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.132+/-0.044 χ^2/NDF : 7.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.039+/-0.051 χ^2/NDF : 1.3/3

Left: -0.092+/-0.033 χ^2/NDF : 10.6/9

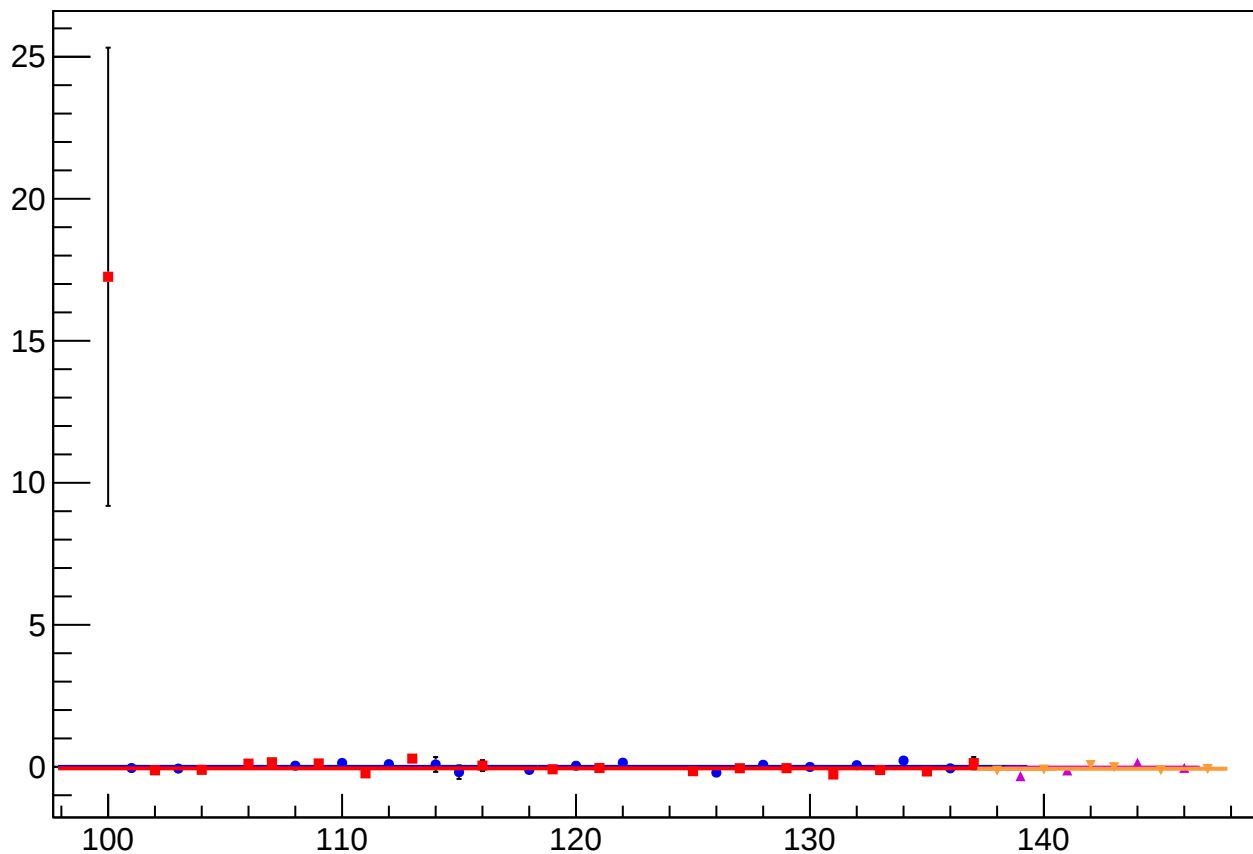
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.039+/-0.051 χ^2/NDF : 1.3/3

Out: -0.132+/-0.044 χ^2/NDF : 7.4/5

All: -0.092+/-0.033 χ^2/NDF : 10.6/9

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.067 ± 0.032 χ^2/NDF : 3.2/5

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.027 ± 0.039 χ^2/NDF : 10.1/3

Left: -0.051 ± 0.025 χ^2/NDF : 13.9/9

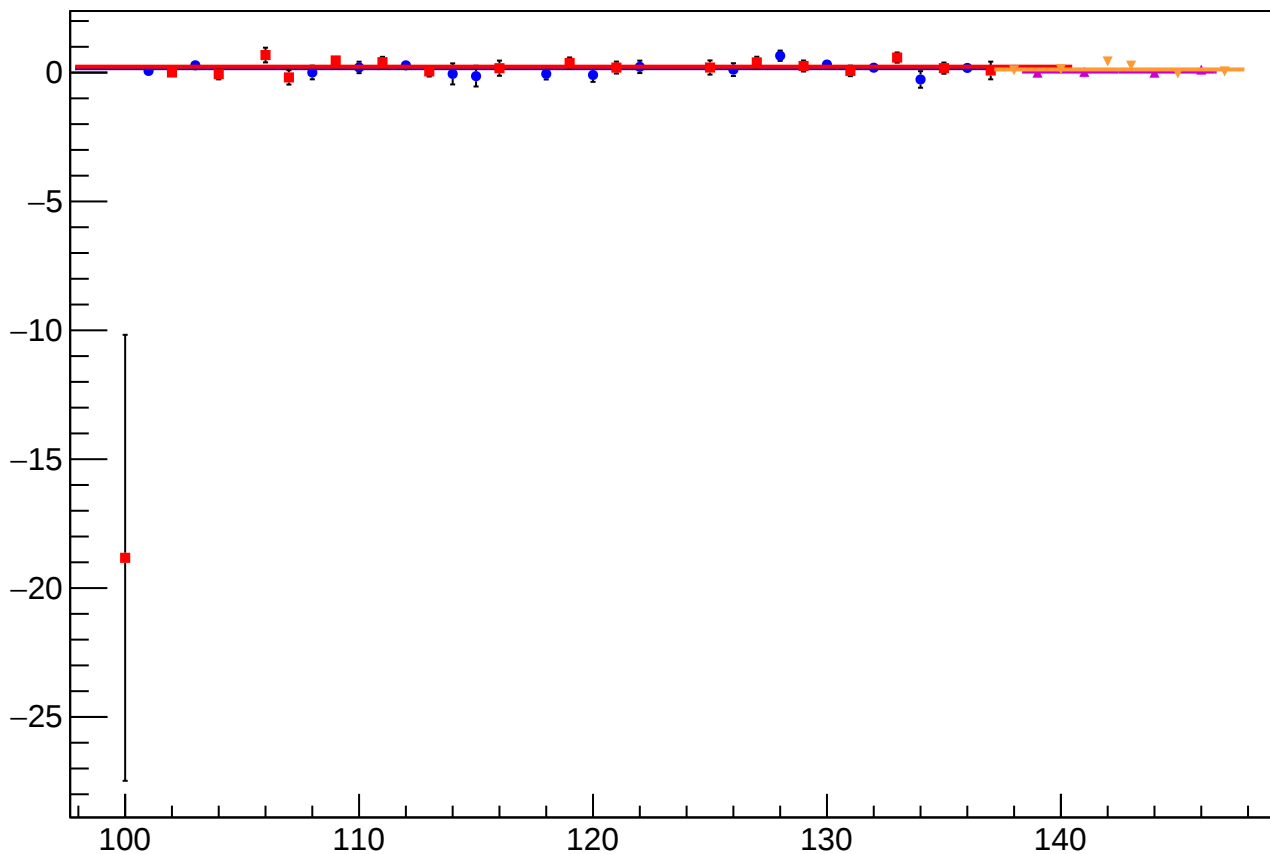
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.011 ± 0.023 χ^2/NDF : 22.5/19

Out: -0.059 ± 0.021 χ^2/NDF : 28.8/23

All: -0.037 ± 0.016 χ^2/NDF : 53.7/43

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: 0.122 $\pm$ 0.046 χ^2/NDF : 7.4/5

Right Out: 0.229 $\pm$ 0.054 χ^2/NDF : 21.7/17

Left In: 0.038 $\pm$ 0.053 χ^2/NDF : 0.9/3

Left: 0.085 $\pm$ 0.035 χ^2/NDF : 9.7/9

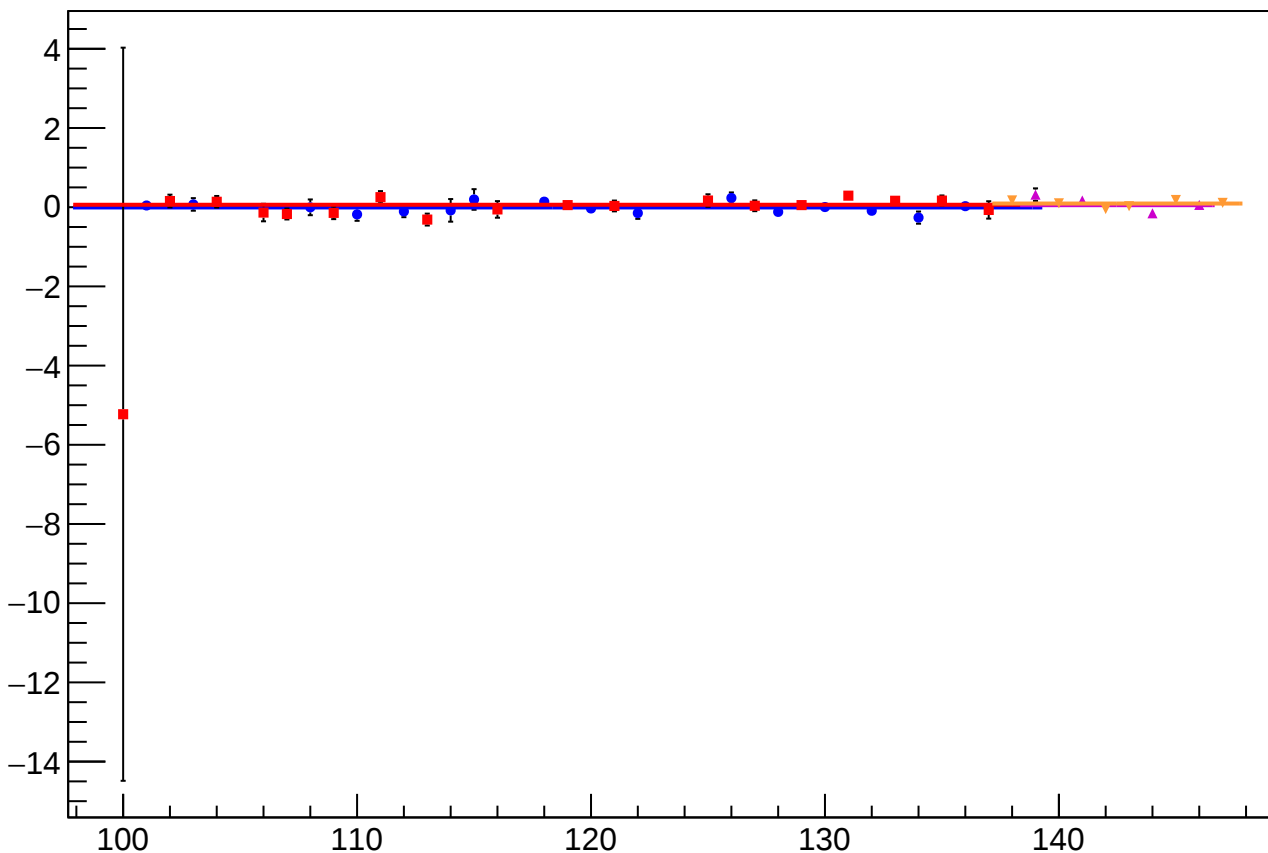
Right: 0.199 $\pm$ 0.038 χ^2/NDF : 35.3/33

In: 0.104 $\pm$ 0.037 χ^2/NDF : 17.1/19

Out: 0.167 $\pm$ 0.035 χ^2/NDF : 31.3/23

All: 0.138 $\pm$ 0.025 χ^2/NDF : 50.0/43

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.092 ± 0.039 $\chi^2/\text{NDF}: 3.2/5$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.3/17$

Left In: 0.051 ± 0.047 $\chi^2/\text{NDF}: 9.7/3$

Left: 0.076 ± 0.030 $\chi^2/\text{NDF}: 13.3/9$

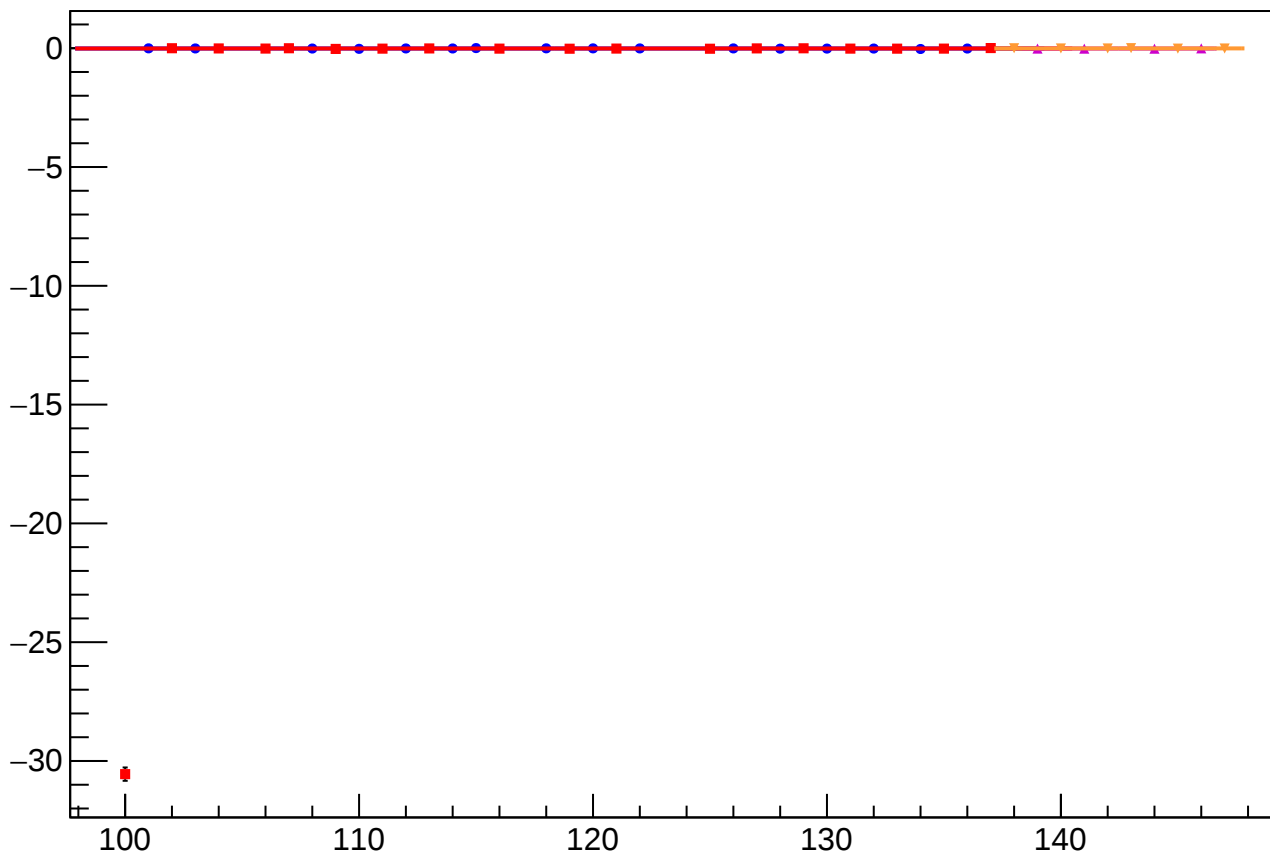
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.6/33$

In: 0.012 ± 0.027 $\chi^2/\text{NDF}: 23.9/19$

Out: 0.075 ± 0.026 $\chi^2/\text{NDF}: 23.8/23$

All: 0.045 ± 0.019 $\chi^2/\text{NDF}: 50.6/43$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 $\pm$ 0.002 χ^2/NDF : 12.4/5

Right Out: -0.012 $\pm$ 0.002 χ^2/NDF : 11890.6/17

Left In: -0.015 $\pm$ 0.002 χ^2/NDF : 5.0/3

Left: -0.011 $\pm$ 0.001 χ^2/NDF : 23.8/9

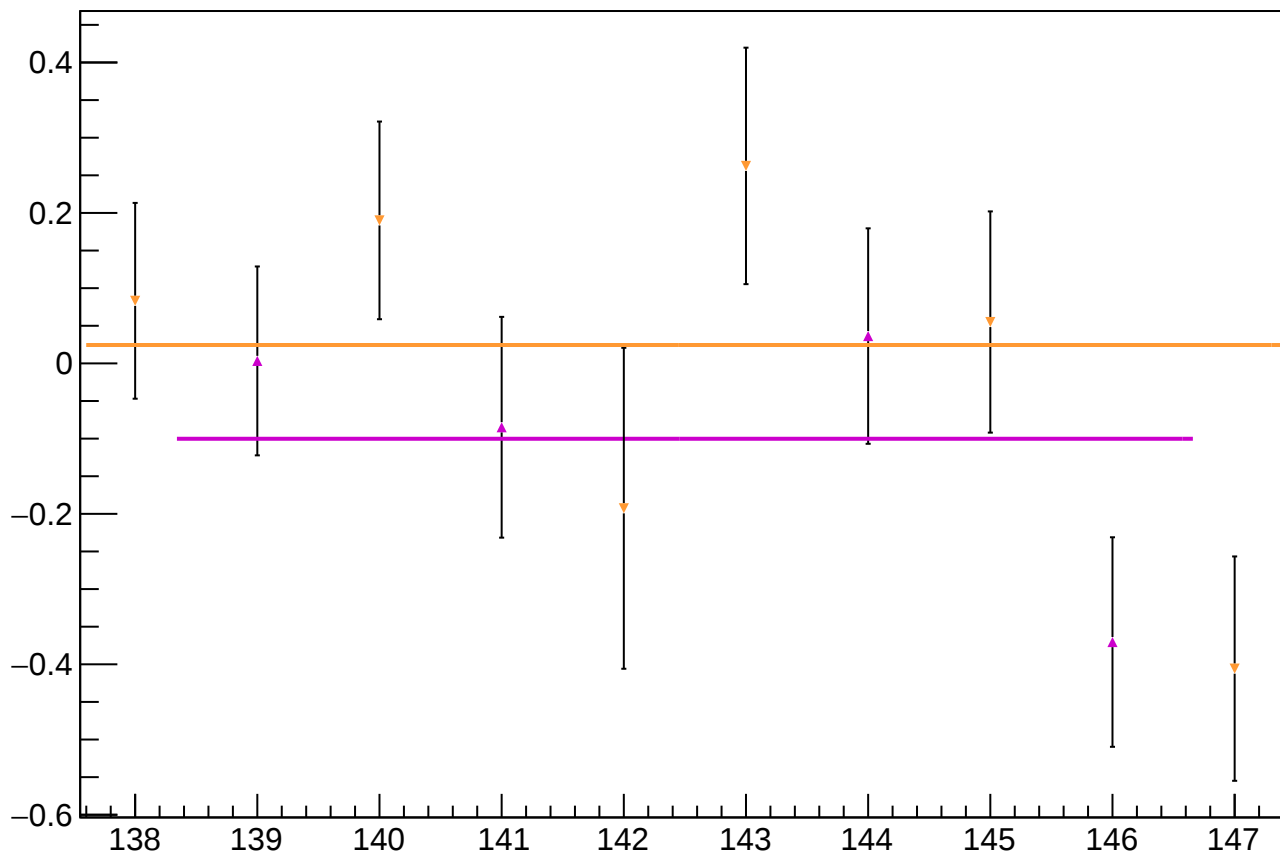
Right: -0.012 $\pm$ 0.001 χ^2/NDF : 11903.4/33

In: -0.013 $\pm$ 0.001 χ^2/NDF : 19.0/19

Out: -0.010 $\pm$ 0.001 χ^2/NDF : 11905.7/23

All: -0.011 $\pm$ 0.001 χ^2/NDF : 11927.4/43

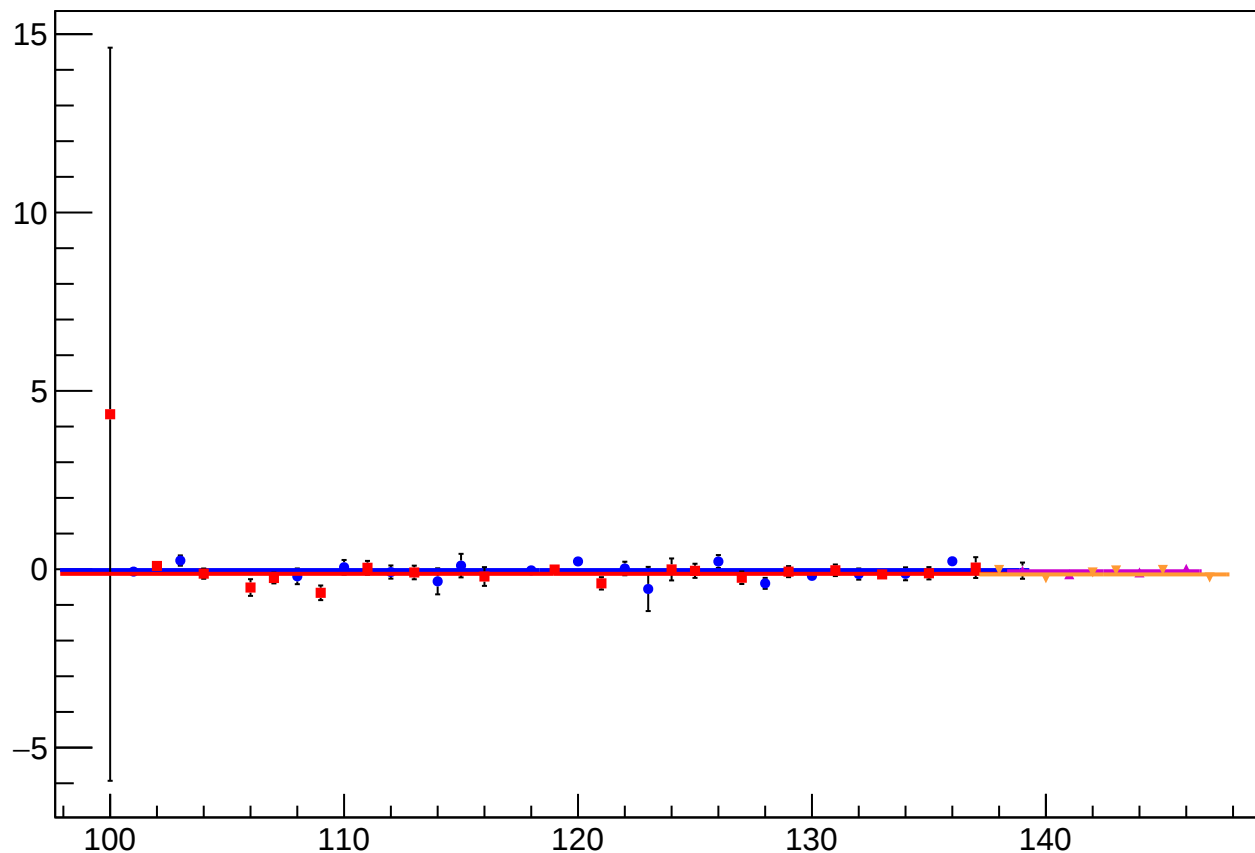
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.024+/-0.061 χ^2/NDF :13.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.100+/-0.069 χ^2/NDF :5.4/3

Left: -0.030+/-0.046 χ^2/NDF : 20.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.100+/-0.069 χ^2/NDF :5.4/3
 Out: 0.024+/-0.061 χ^2/NDF :13.5/5
 All: -0.030+/-0.046 χ^2/NDF : 20.7/9

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2 /NDF: 22.4/16

Left Out: -0.145+/-0.043 χ^2 /NDF: 5.5/5

Right Out: -0.129+/-0.039 χ^2 /NDF: 18.8/18

Left In: -0.057+/-0.053 χ^2 /NDF: 1.4/3

Left: -0.110+/-0.034 χ^2 /NDF: 8.6/9

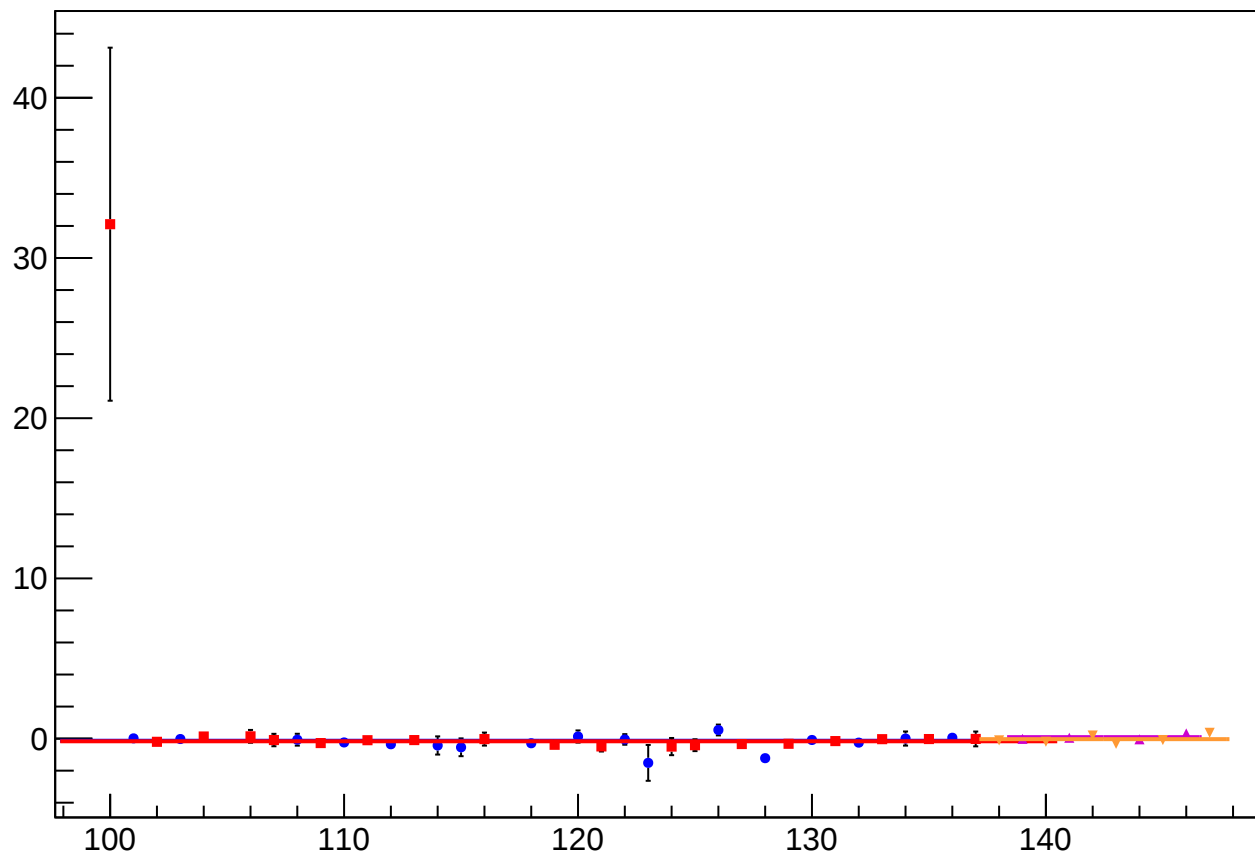
Right: -0.072+/-0.027 χ^2 /NDF: 45.1/35

In: -0.034+/-0.030 χ^2 /NDF: 24.1/20

Out: -0.136+/-0.029 χ^2 /NDF: 24.4/24

All: -0.087+/-0.021 χ^2 /NDF: 54.5/45

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.033 ± 0.063 χ^2/NDF : 13.8/5

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.092 ± 0.072 χ^2/NDF : 4.5/3

Left: 0.022 ± 0.047 χ^2/NDF : 20.0/9

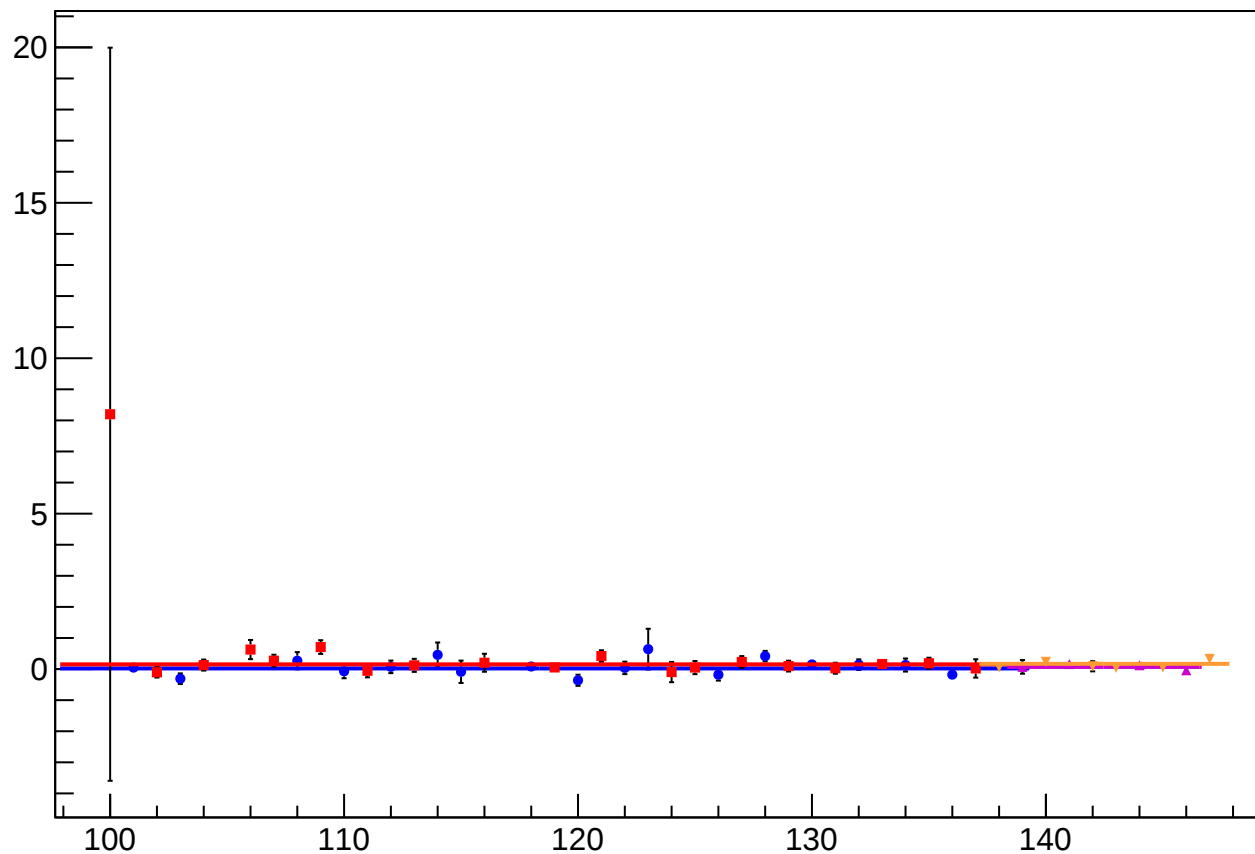
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.028 ± 0.049 χ^2/NDF : 35.5/20

Out: -0.092 ± 0.047 χ^2/NDF : 30.5/24

All: -0.061 ± 0.034 χ^2/NDF : 66.9/45

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: 0.168 $\pm$ 0.053 χ^2 /NDF:5.3/5

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.069 $\pm$ 0.064 χ^2 /NDF:1.8/3

Left: 0.128 $\pm$ 0.041 χ^2 /NDF: 8.5/9

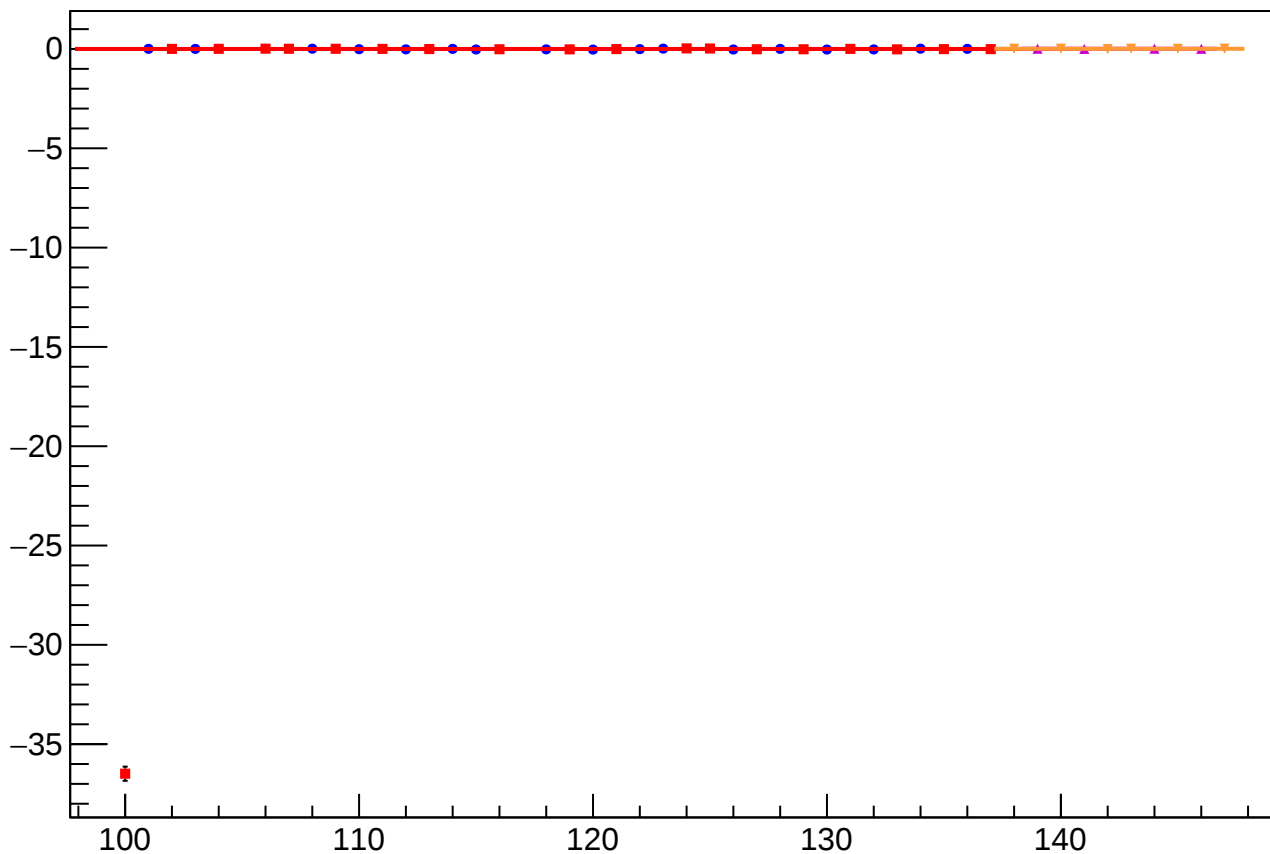
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.035 $\pm$ 0.035 χ^2 /NDF:24.0/20

Out: 0.159 $\pm$ 0.035 χ^2 /NDF:22.6/24

All: 0.098 $\pm$ 0.025 χ^2 /NDF: 52.9/45

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.003 χ^2 /NDF: 4.3/5

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/3

Left: 0.011 $\pm$ 0.002 χ^2 /NDF: 6.3/9

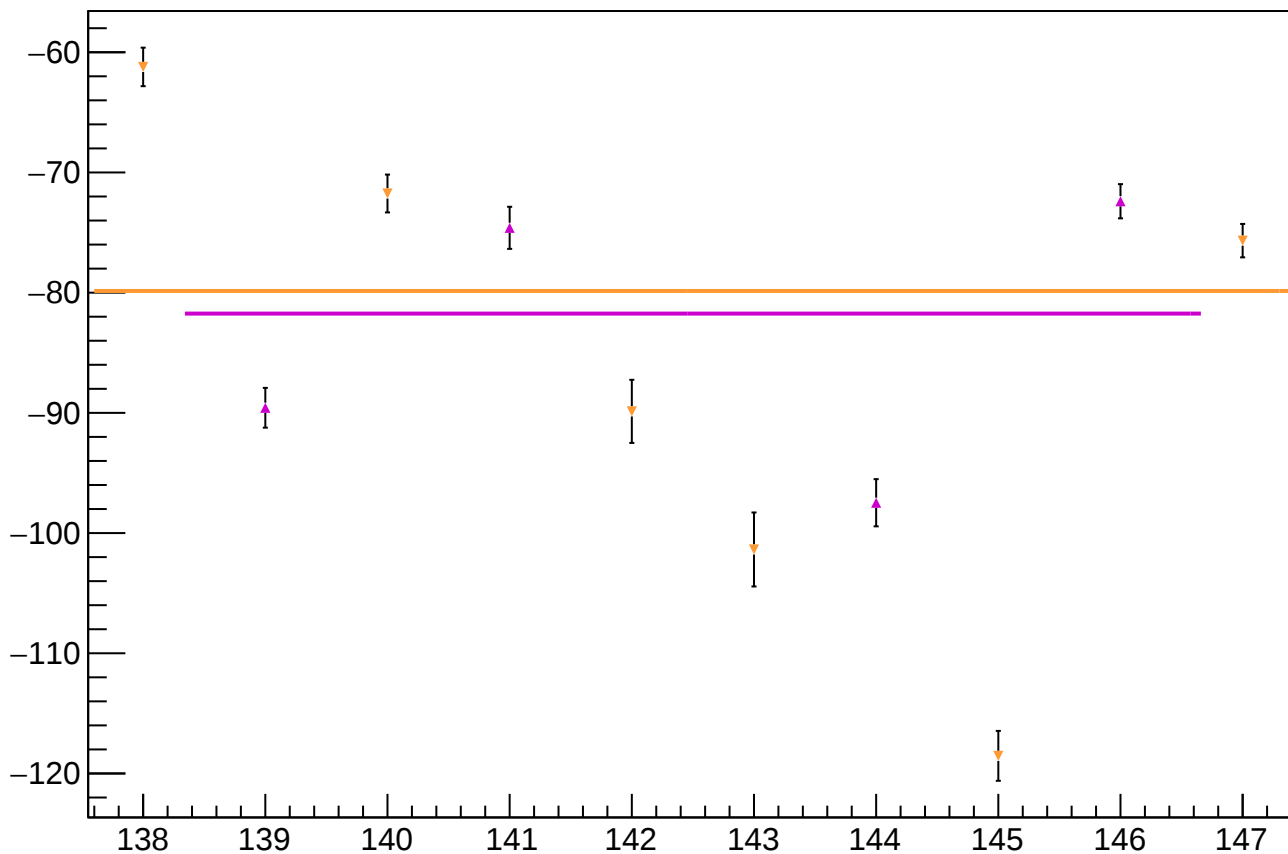
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.005 $\pm$ 0.002 χ^2 /NDF: 41.4/20

Out: 0.005 $\pm$ 0.002 χ^2 /NDF: 10461.0/24

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10502.4/45

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: -79.859+/-0.747 χ^2/NDF :581.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.741+/-0.832 χ^2/NDF :146.4/3

Left: -80.698+/-0.556 χ^2/NDF : 730.8/9

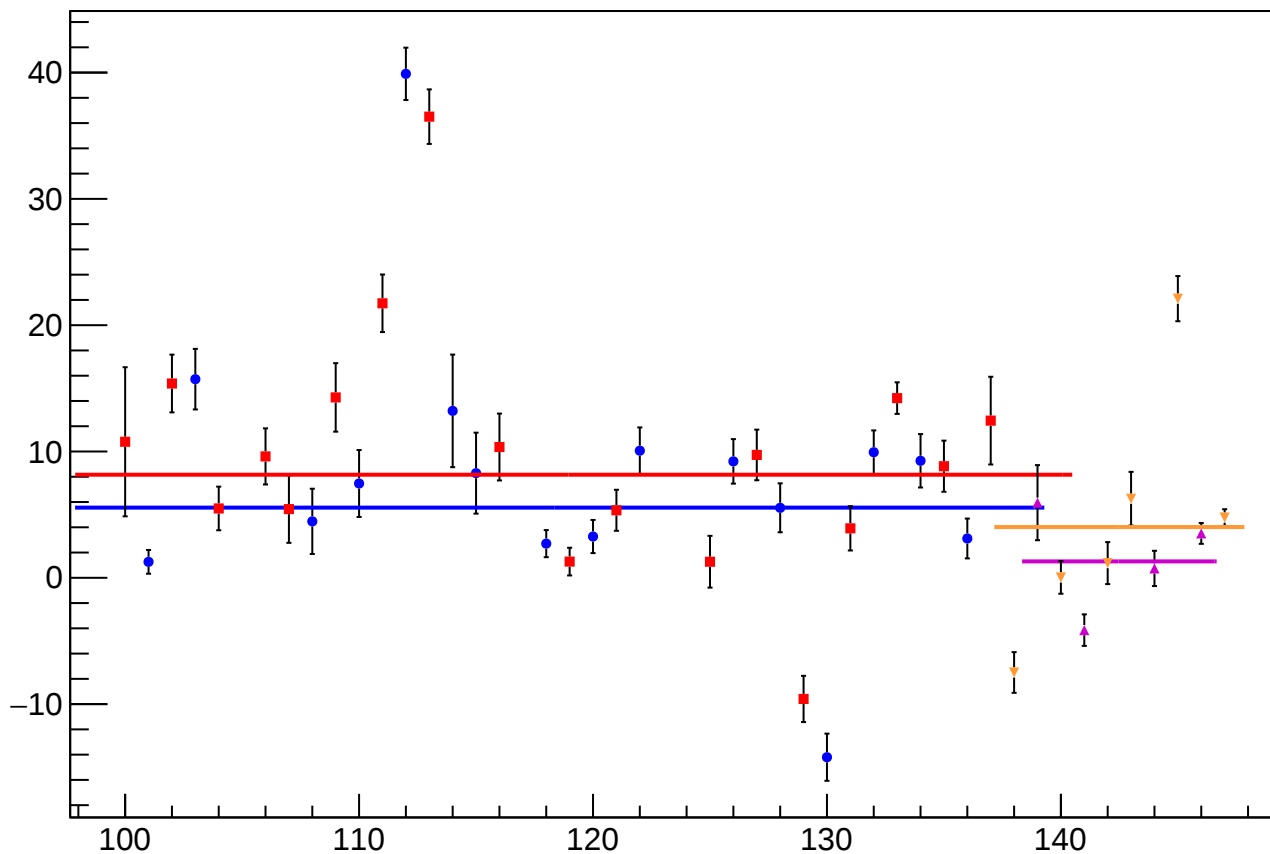
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.741+/-0.832 χ^2/NDF :146.4/3

Out: -79.859+/-0.747 χ^2/NDF :581.6/5

All: -80.698+/-0.556 χ^2/NDF : 730.8/9

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 χ^2/NDF : 462.0/15

Left Out: 4.020 ± 0.489 χ^2/NDF : 168.3/5

Right Out: 8.162 ± 0.453 χ^2/NDF : 407.0/17

Left In: 1.299 ± 0.605 χ^2/NDF : 28.8/3

Left: 2.944 ± 0.380 χ^2/NDF : 209.3/9

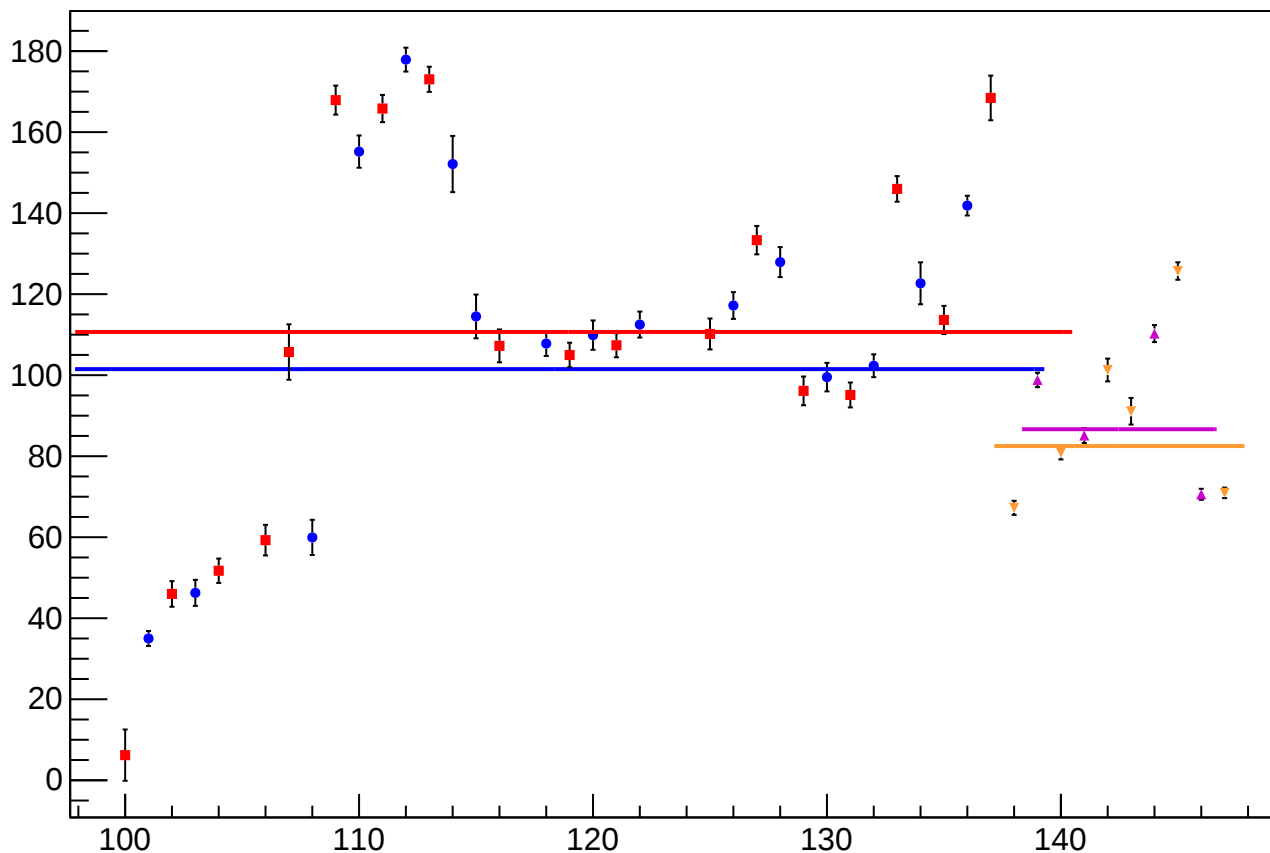
Right: 6.774 ± 0.310 χ^2/NDF : 886.6/33

In: 4.153 ± 0.347 χ^2/NDF : 524.1/19

Out: 6.248 ± 0.332 χ^2/NDF : 613.9/23

All: 5.247 ± 0.240 χ^2/NDF : 1156.9/43

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: 82.501 $\pm$ 0.763 χ^2 /NDF:611.0/5

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 86.660 $\pm$ 0.855 χ^2 /NDF:313.0/3

Left: 84.346 $\pm$ 0.569 χ^2 /NDF: 937.2/9

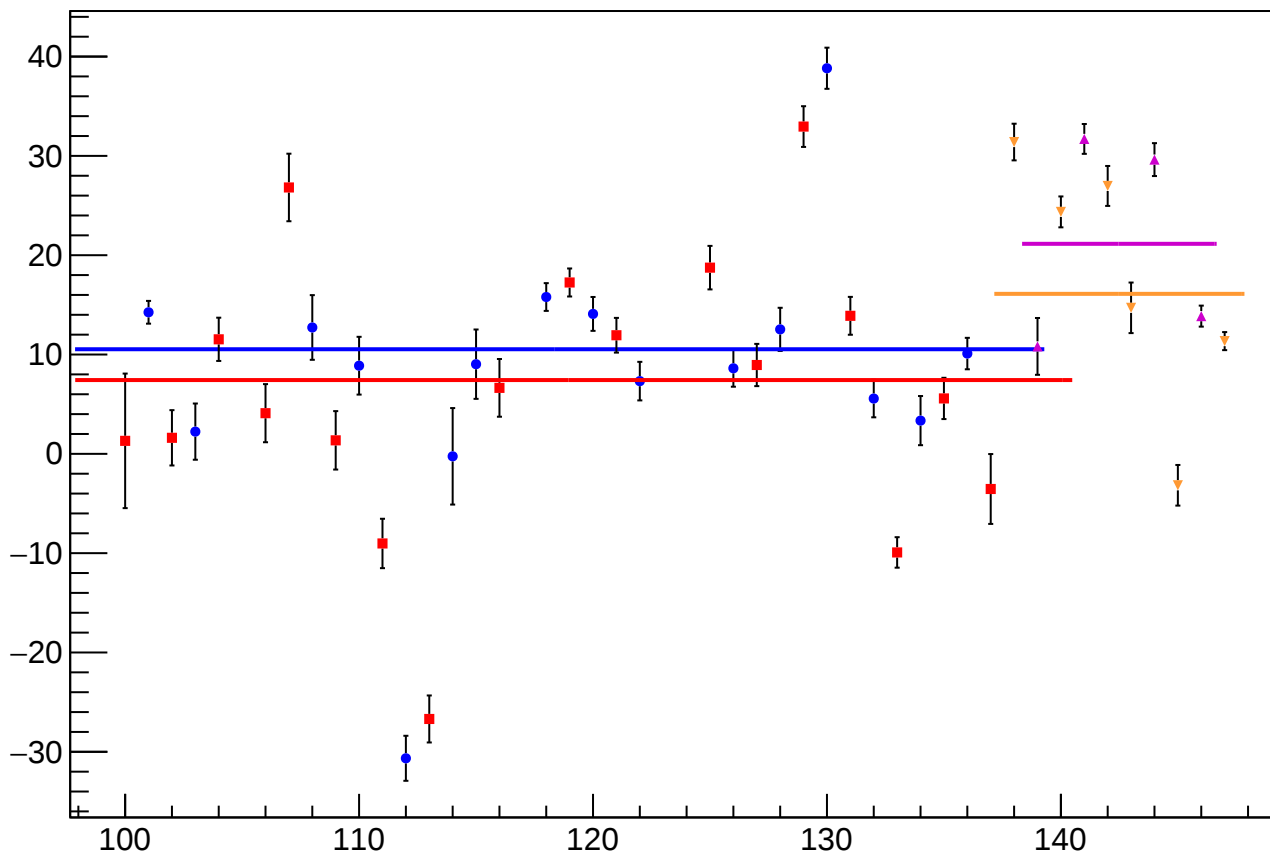
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 94.495 $\pm$ 0.587 χ^2 /NDF:3444.9/19

Out: 95.313 $\pm$ 0.564 χ^2 /NDF:3744.0/23

All: 94.921 $\pm$ 0.407 χ^2 /NDF: 7189.9/43

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: 16.109 $\pm$ 0.625 χ^2 /NDF:242.4/5

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 21.147 $\pm$ 0.741 χ^2 /NDF:136.0/3

Left: 18.206 $\pm$ 0.478 χ^2 /NDF: 405.4/9

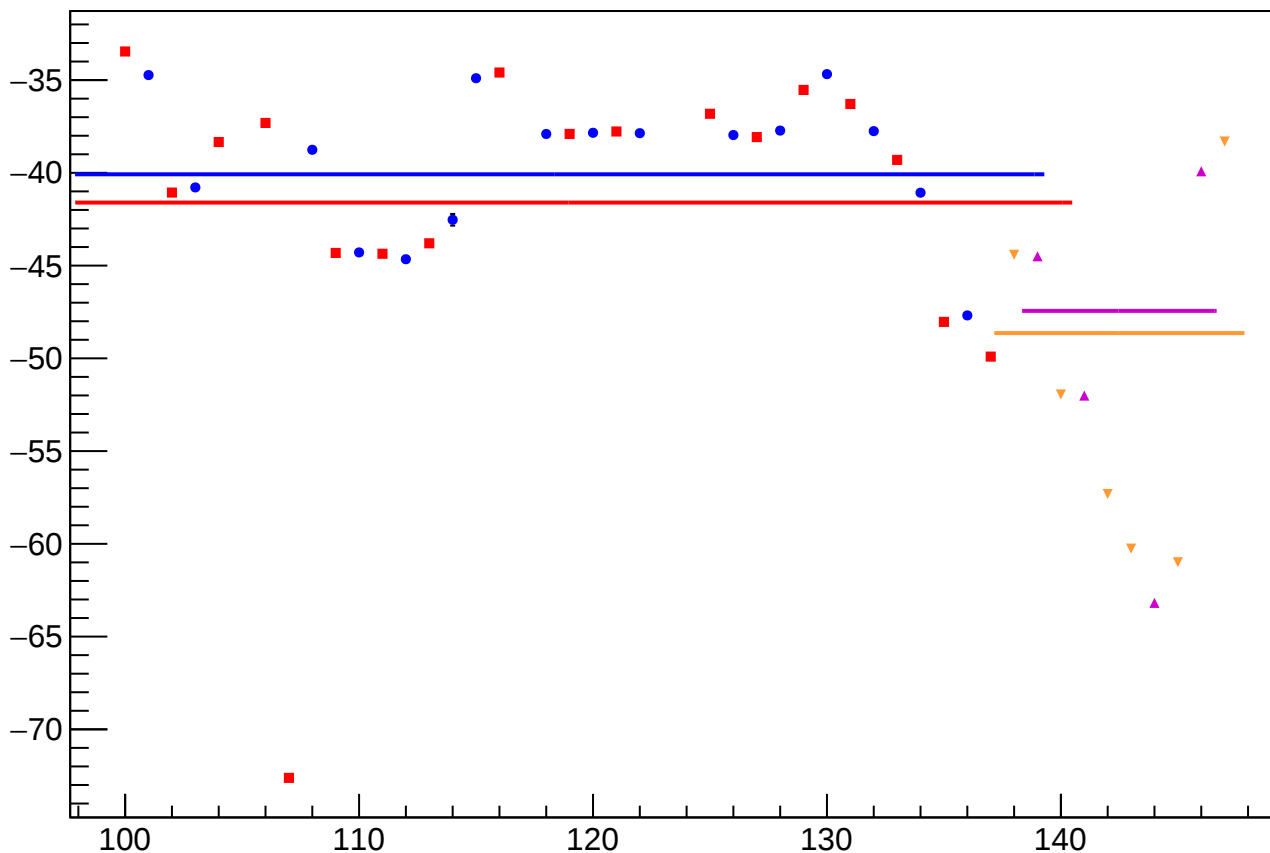
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 13.790 $\pm$ 0.410 χ^2 /NDF:858.7/19

Out: 11.007 $\pm$ 0.401 χ^2 /NDF:1041.5/23

All: 12.368 $\pm$ 0.287 χ^2 /NDF: 1923.7/43

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: -48.639 ± 0.033 χ^2/NDF : 68950.4/5

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -47.442 ± 0.035 χ^2/NDF : 49508.9/3

Left: -48.087 ± 0.024 χ^2/NDF : 119078.8/9

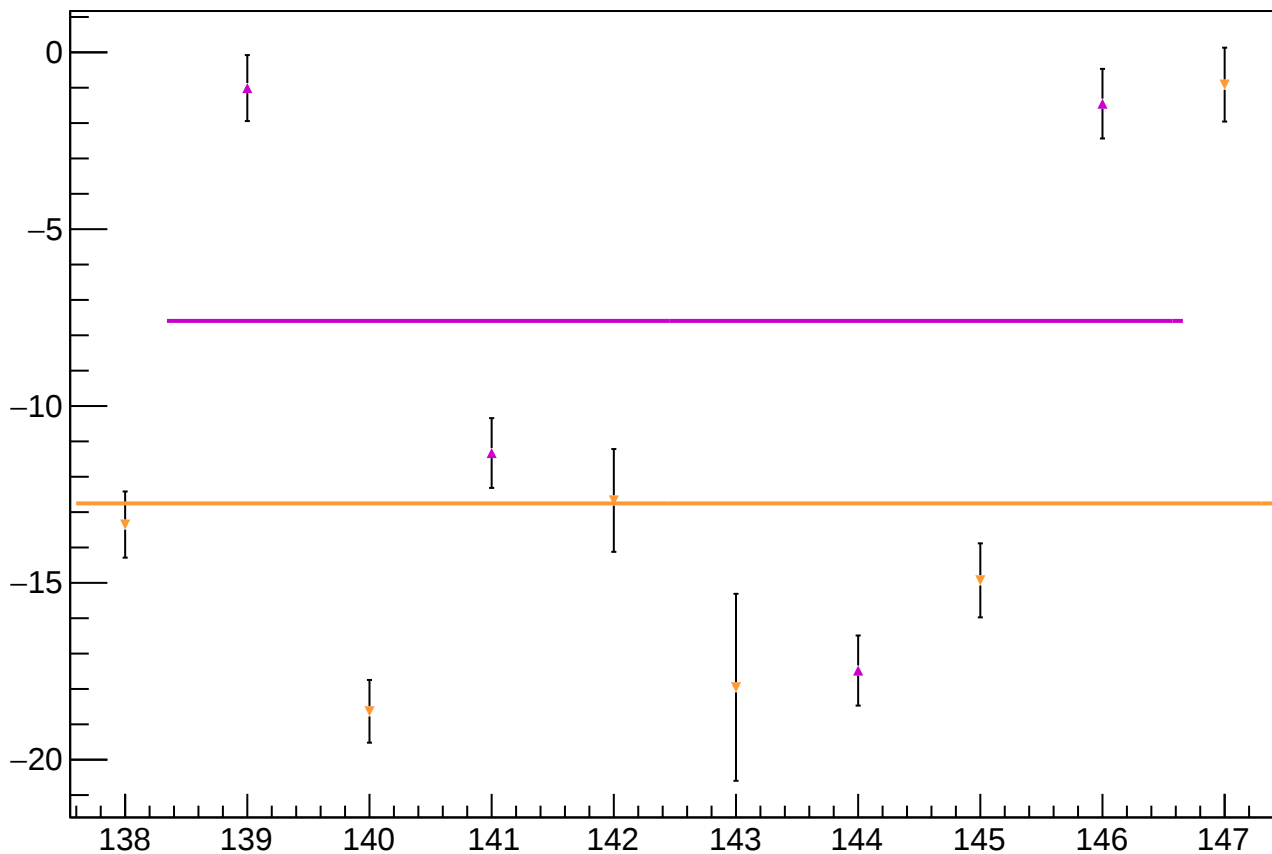
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -42.947 ± 0.022 χ^2/NDF : 101171.2/19

Out: -44.655 ± 0.021 χ^2/NDF : 157123.3/23

All: -43.823 ± 0.015 χ^2/NDF : 261370.7/43

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: -12.753+/-0.454 χ^2/NDF :181.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.593+/-0.486 χ^2/NDF :202.6/3

Left: -10.353+/-0.332 χ^2/NDF : 443.8/9

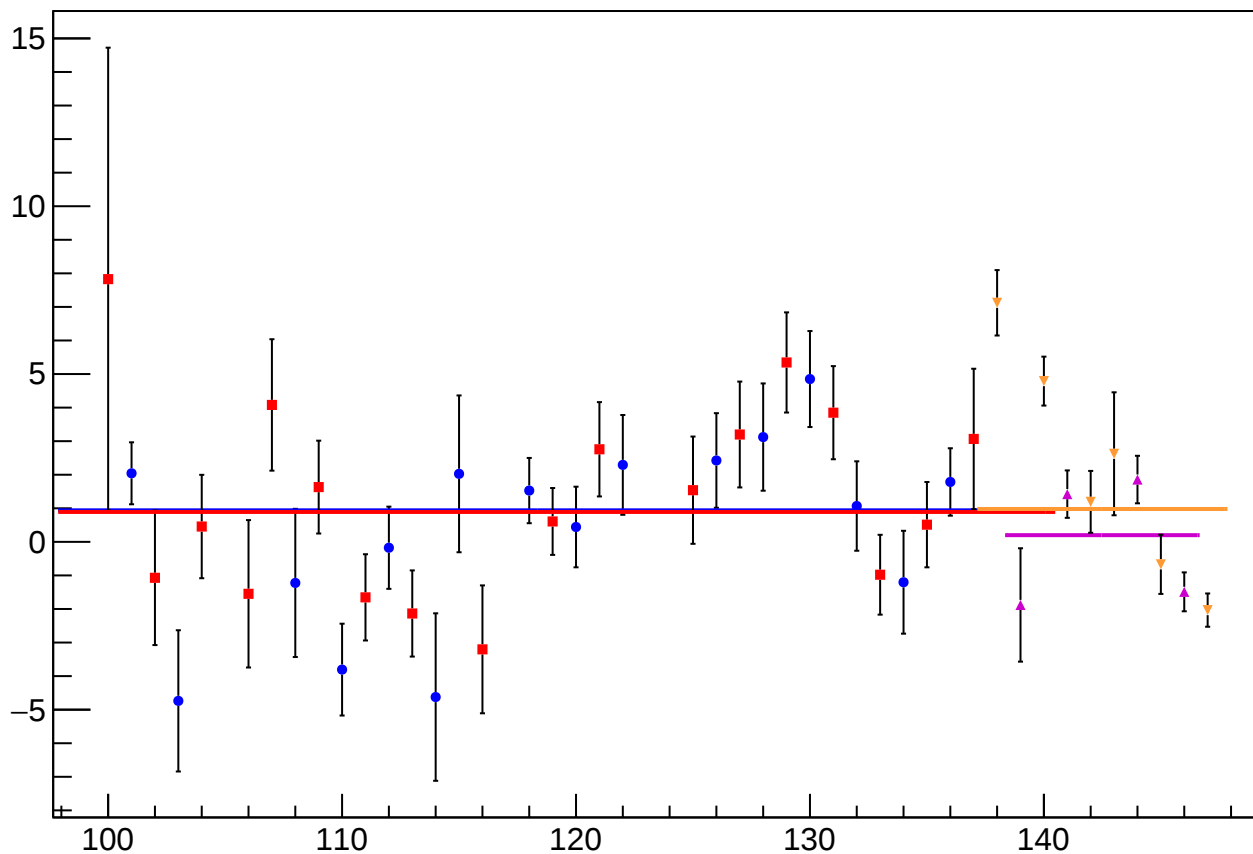
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.593+/-0.486 χ^2/NDF :202.6/3

Out: -12.753+/-0.454 χ^2/NDF :181.1/5

All: -10.353+/-0.332 χ^2/NDF : 443.8/9

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: 0.979 ± 0.320 $\chi^2/\text{NDF}: 108.4/5$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.199 ± 0.369 $\chi^2/\text{NDF}: 18.5/3$

Left: 0.645 ± 0.242 $\chi^2/\text{NDF}: 129.4/9$

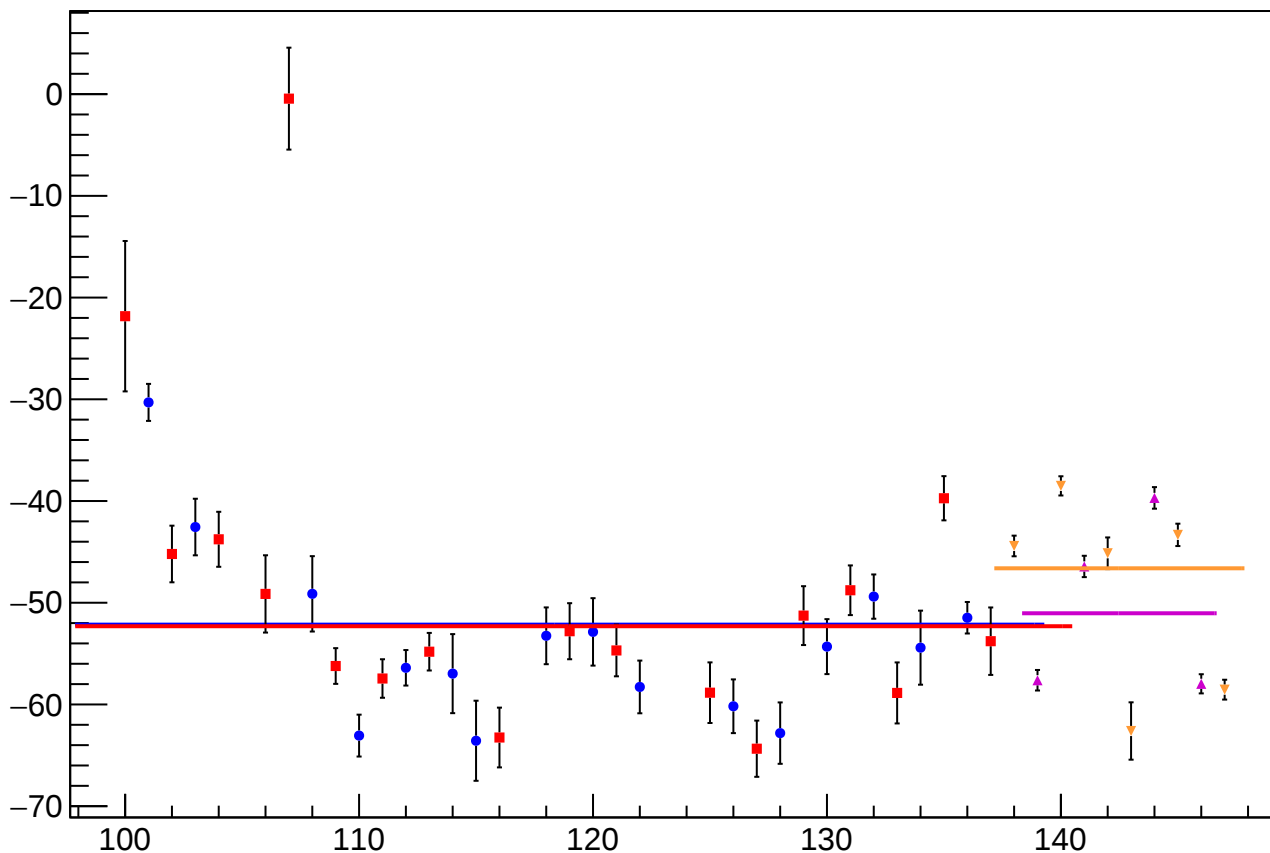
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.601 ± 0.250 $\chi^2/\text{NDF}: 62.9/19$

Out: 0.940 ± 0.237 $\chi^2/\text{NDF}: 150.0/23$

All: 0.779 ± 0.172 $\chi^2/\text{NDF}: 213.8/43$

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: -46.615 ± 0.471 χ^2/NDF : 269.9/5

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -51.035 ± 0.506 χ^2/NDF : 230.4/3

Left: -48.666 ± 0.345 χ^2/NDF : 541.3/9

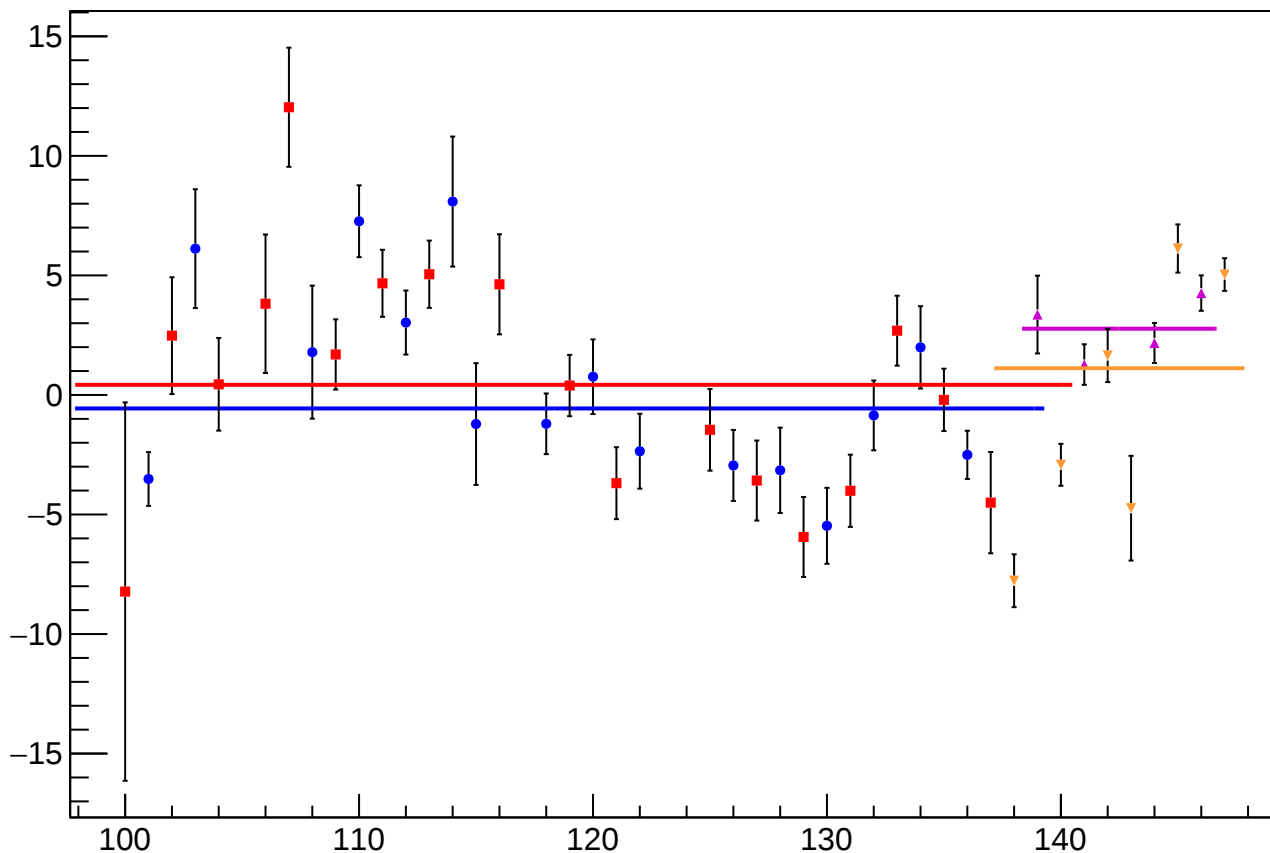
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -51.489 ± 0.390 χ^2/NDF : 463.5/19

Out: -48.716 ± 0.374 χ^2/NDF : 558.7/23

All: -50.044 ± 0.270 χ^2/NDF : 1048.5/43

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.118 ± 0.400 χ^2/NDF : 150.9/5

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 2.771 ± 0.447 χ^2/NDF : 7.8/3

Left: 1.853 ± 0.298 χ^2/NDF : 166.3/9

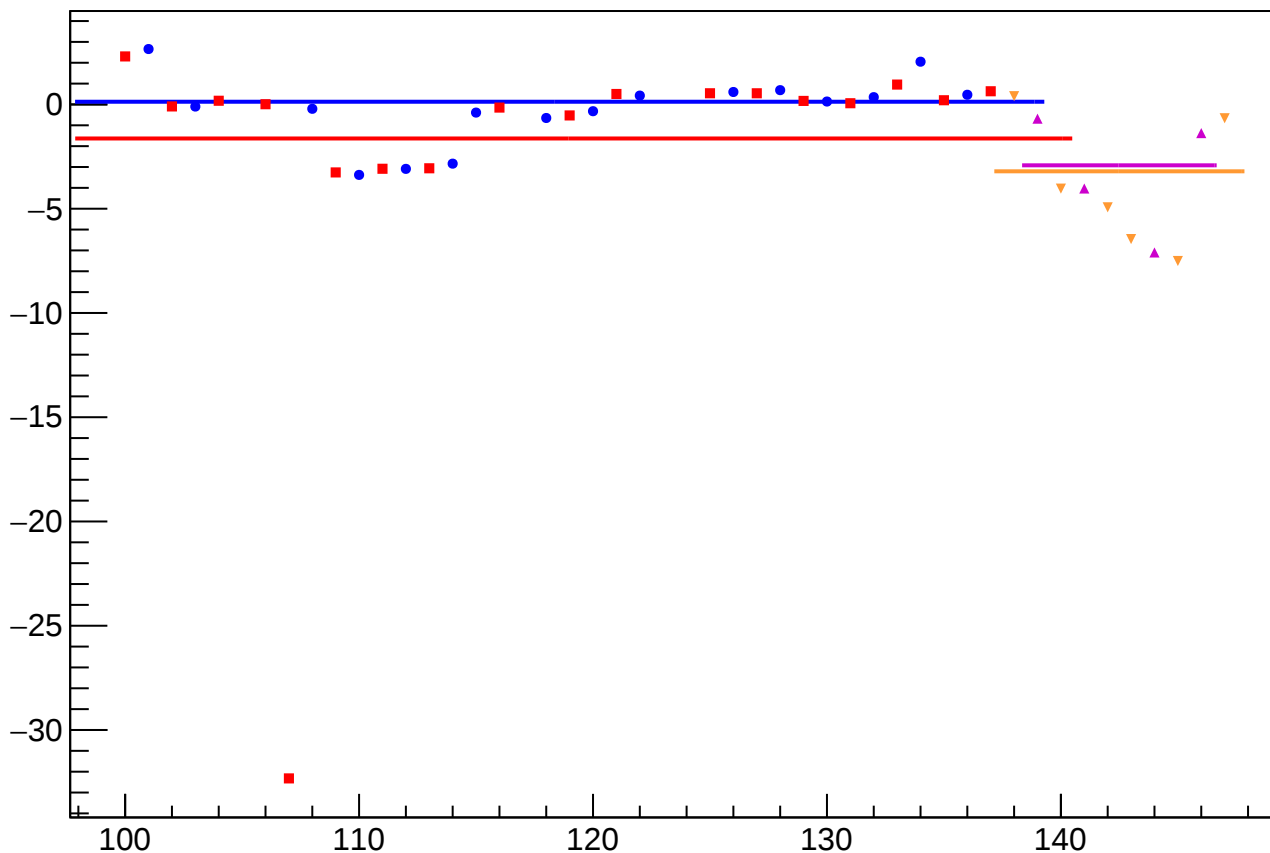
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 0.855 ± 0.291 χ^2/NDF : 121.7/19

Out: 0.771 ± 0.283 χ^2/NDF : 247.7/23

All: 0.812 ± 0.203 χ^2/NDF : 369.5/43

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: -3.206 ± 0.020 $\chi^2/\text{NDF}: 23218.6/5$

Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$

Left In: -2.919 ± 0.021 $\chi^2/\text{NDF}: 14018.0/3$

Left: -3.070 ± 0.014 $\chi^2/\text{NDF}: 37338.0/9$

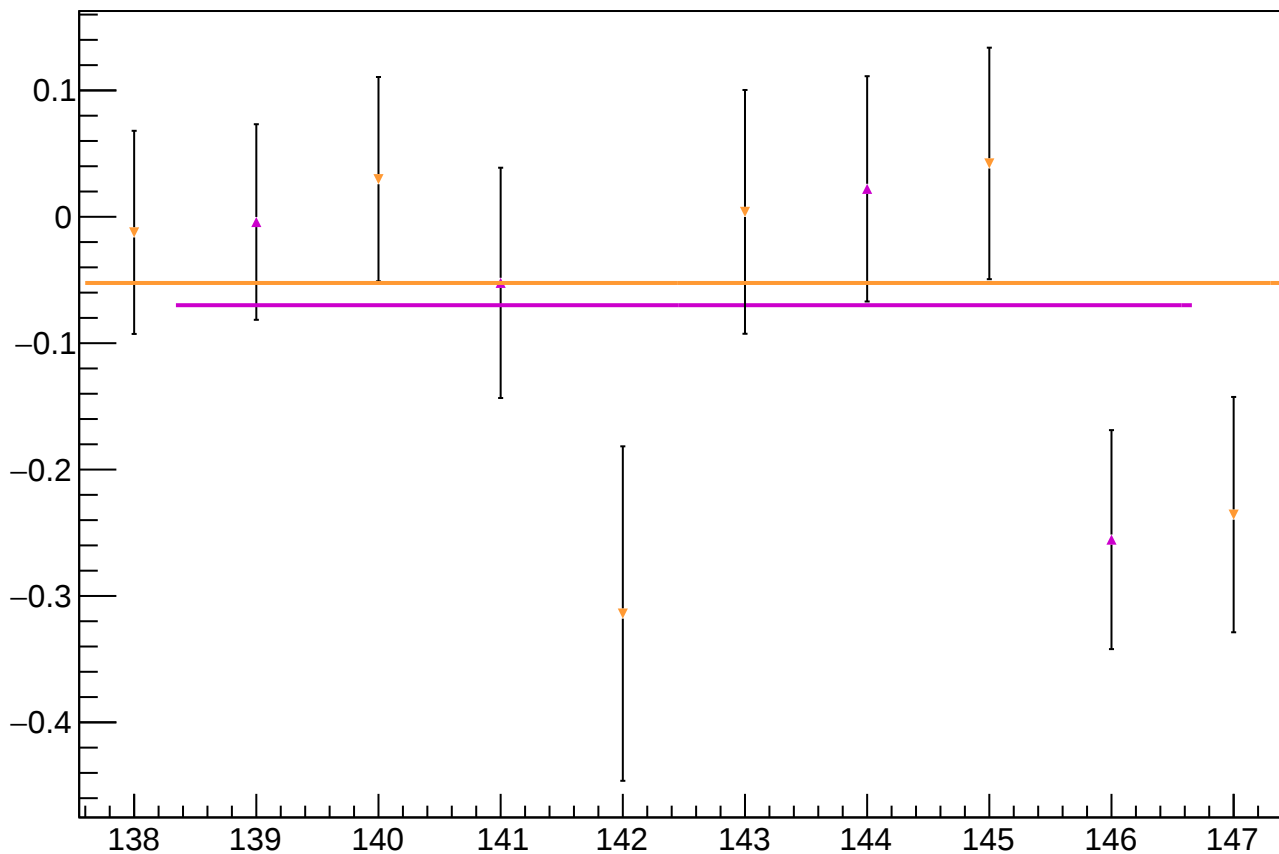
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -1.455 ± 0.015 $\chi^2/\text{NDF}: 29690.3/19$

Out: -2.498 ± 0.015 $\chi^2/\text{NDF}: 103963.7/23$

All: -1.987 ± 0.010 $\chi^2/\text{NDF}: 136153.3/43$

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: -0.052 $\pm$ 0.038 χ^2 /NDF:10.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.070 $\pm$ 0.043 χ^2 /NDF:6.4/3

Left: -0.060 $\pm$ 0.028 χ^2 /NDF: 17.0/9

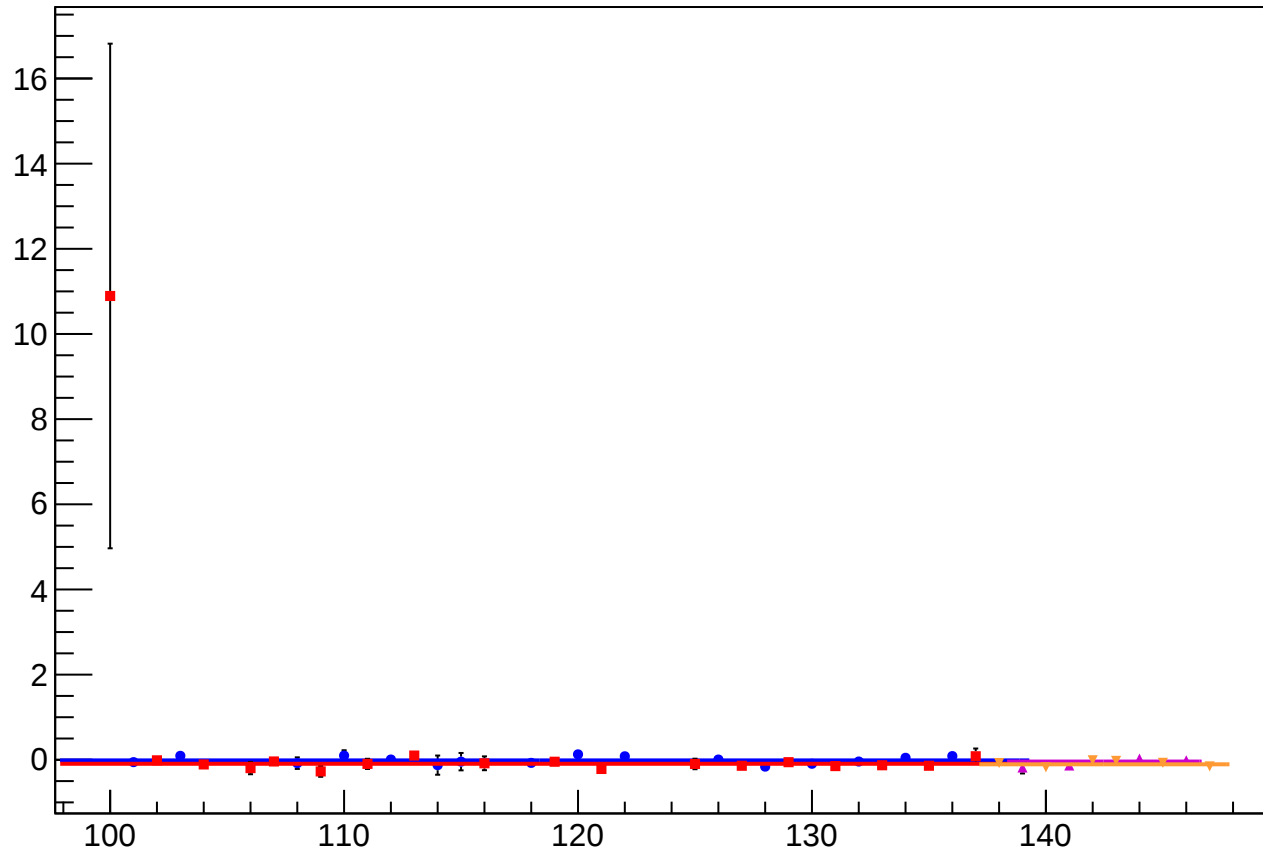
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.070 $\pm$ 0.043 χ^2 /NDF:6.4/3

Out: -0.052 $\pm$ 0.038 χ^2 /NDF:10.5/5

All: -0.060 $\pm$ 0.028 χ^2 /NDF: 17.0/9

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.106 ± 0.027 χ^2/NDF : 5.4/5

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.041 ± 0.033 χ^2/NDF : 4.5/3

Left: -0.080 ± 0.021 χ^2/NDF : 12.3/9

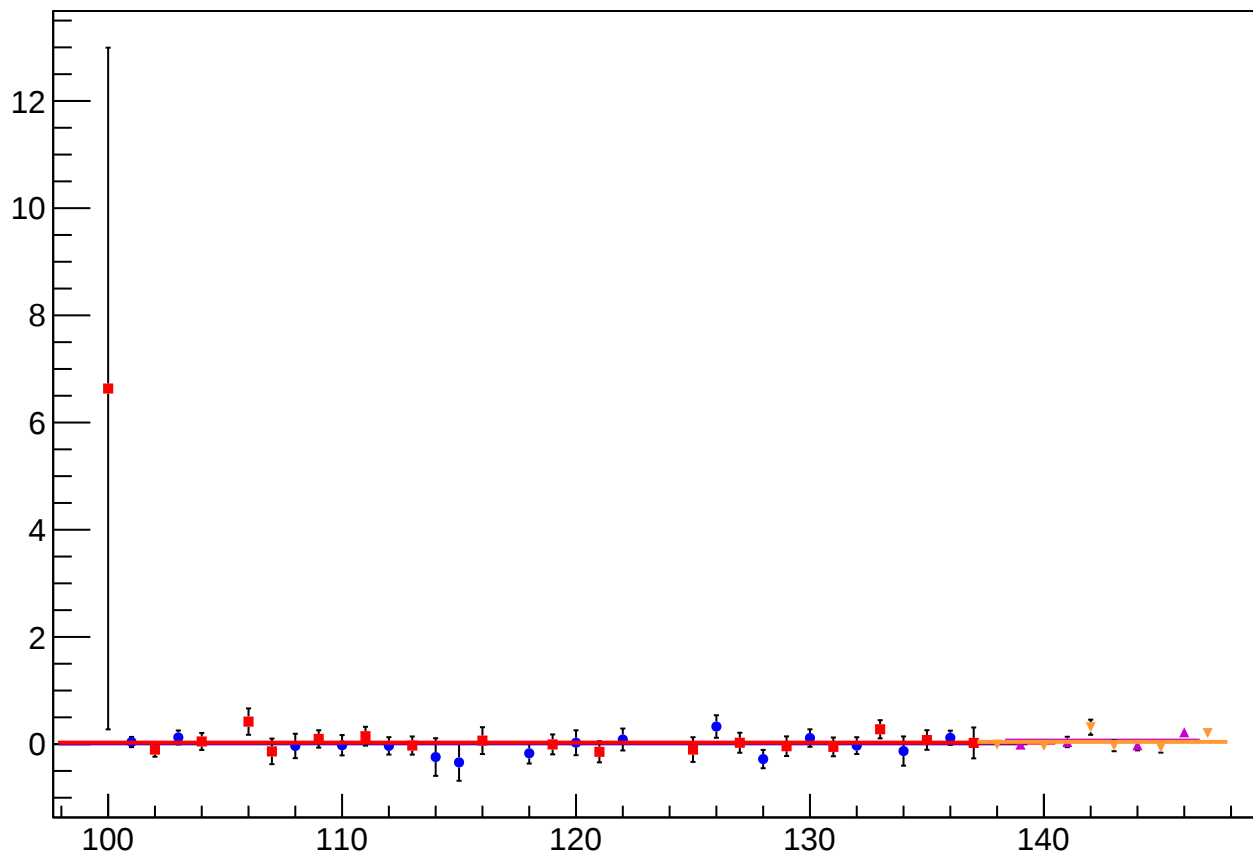
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.023 ± 0.019 χ^2/NDF : 17.4/19

Out: -0.099 ± 0.018 χ^2/NDF : 19.1/23

All: -0.063 ± 0.013 χ^2/NDF : 44.9/43

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.042 $\pm$ 0.039 χ^2 /NDF:10.0/5

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.065 $\pm$ 0.045 χ^2 /NDF:5.2/3

Left: 0.052 $\pm$ 0.029 χ^2 /NDF: 15.3/9

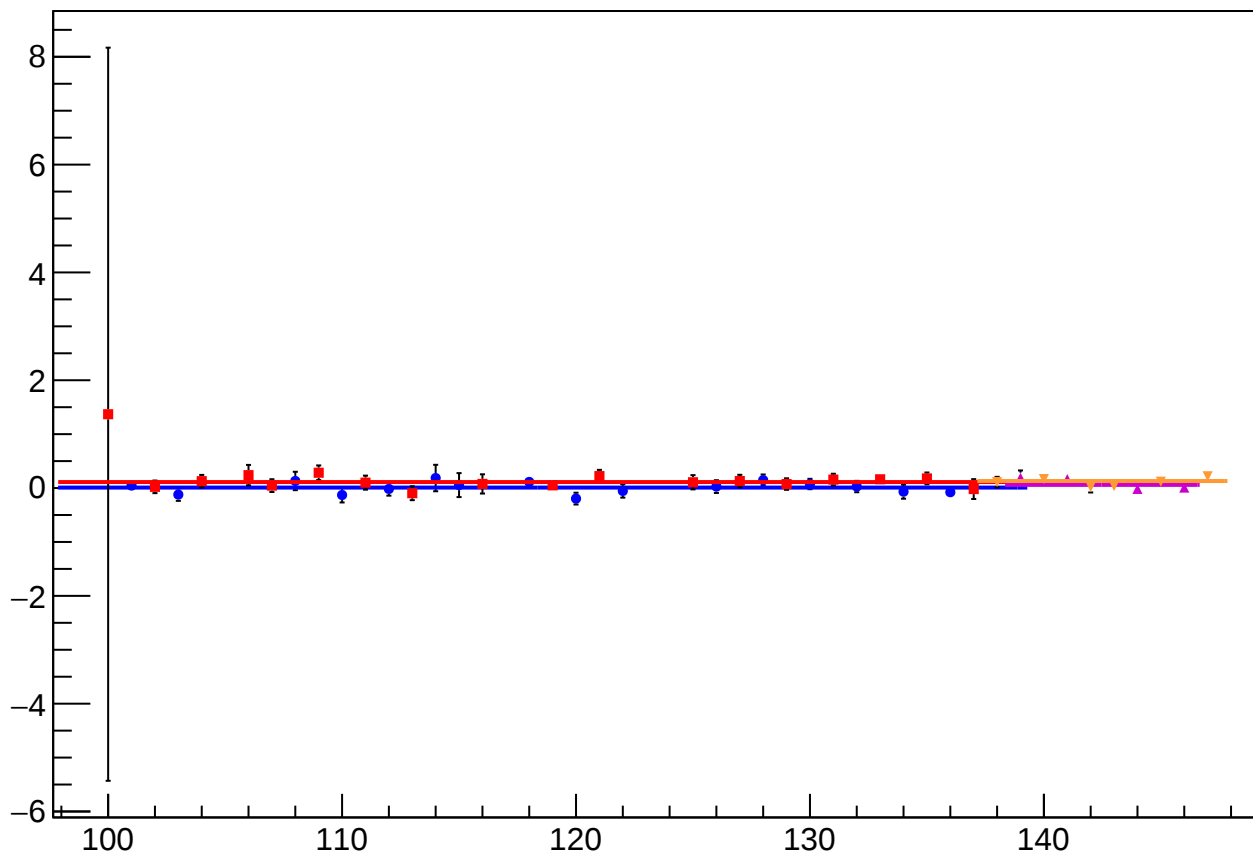
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.039 $\pm$ 0.031 χ^2 /NDF:15.9/19

Out: 0.036 $\pm$ 0.030 χ^2 /NDF:19.6/23

All: 0.038 $\pm$ 0.021 χ^2 /NDF: 35.5/43

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: 0.130 $\pm$ 0.033 χ^2 /NDF: 5.0/5

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.059 $\pm$ 0.040 χ^2 /NDF: 4.4/3

Left: 0.101 $\pm$ 0.025 χ^2 /NDF: 11.3/9

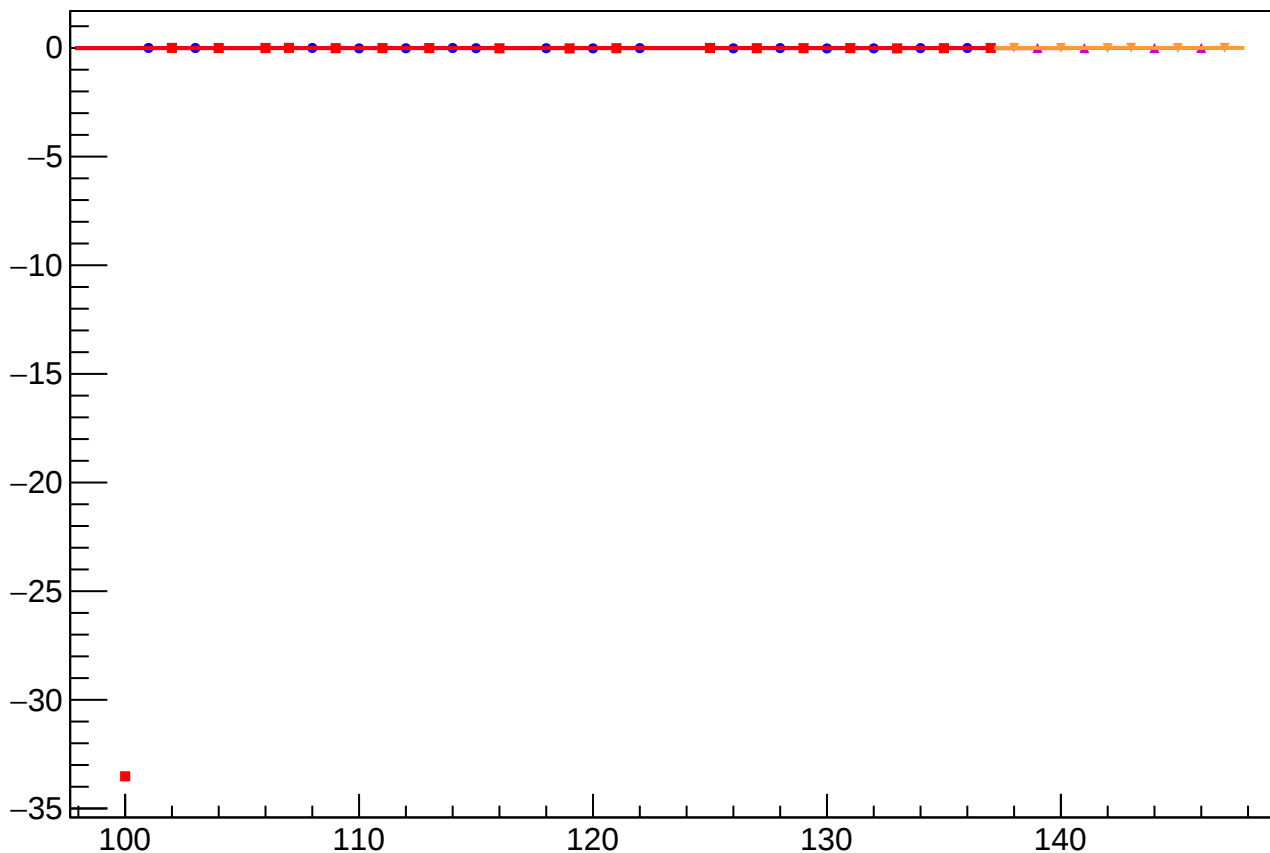
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.024 $\pm$ 0.022 χ^2 /NDF: 18.1/19

Out: 0.119 $\pm$ 0.022 χ^2 /NDF: 13.8/23

All: 0.073 $\pm$ 0.016 χ^2 /NDF: 41.2/43

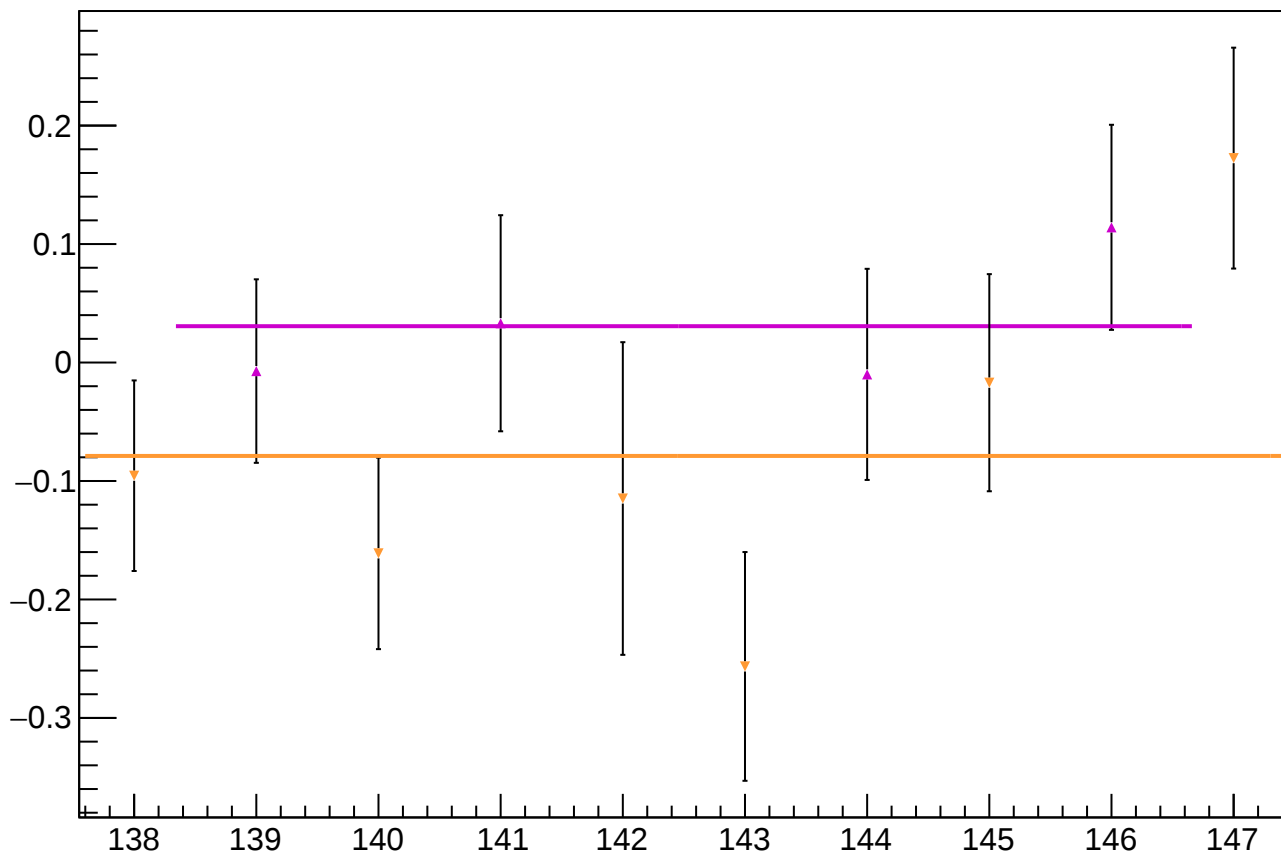
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 $\chi^2/\text{NDF}: 22.3/15$
 Left Out: 0.001 ± 0.002 $\chi^2/\text{NDF}: 8.3/5$
 Right Out: -0.006 ± 0.001 $\chi^2/\text{NDF}: 26508.9/17$
 Left In: -0.002 ± 0.002 $\chi^2/\text{NDF}: 2.9/3$

Left: -0.000 ± 0.001 $\chi^2/\text{NDF}: 13.0/9$
 Right: -0.006 ± 0.001 $\chi^2/\text{NDF}: 26531.2/33$
 In: -0.004 ± 0.001 $\chi^2/\text{NDF}: 27.6/19$
 Out: -0.003 ± 0.001 $\chi^2/\text{NDF}: 26528.1/23$
 All: -0.003 ± 0.001 $\chi^2/\text{NDF}: 26556.5/43$

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: -0.079 $\pm$ 0.038 χ^2 /NDF:12.3/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.031 $\pm$ 0.043 χ^2 /NDF:1.4/3

Left: -0.031 $\pm$ 0.028 χ^2 /NDF: 17.3/9

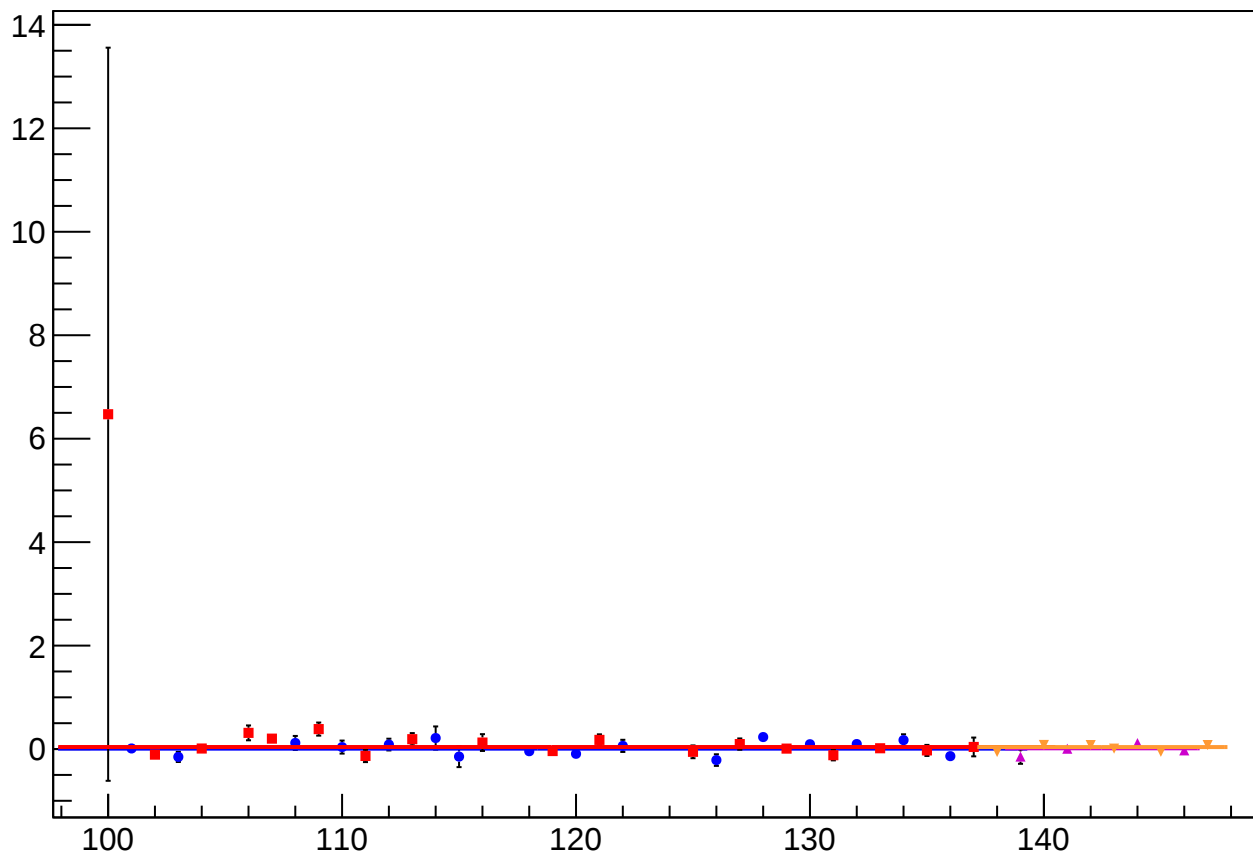
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.031 $\pm$ 0.043 χ^2 /NDF:1.4/3

Out: -0.079 $\pm$ 0.038 χ^2 /NDF:12.3/5

All: -0.031 $\pm$ 0.028 χ^2 /NDF: 17.3/9

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: 0.038 $\pm$ 0.027 χ^2 /NDF:4.1/5

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.014 $\pm$ 0.033 χ^2 /NDF:4.4/3

Left: 0.029 $\pm$ 0.021 χ^2 /NDF: 8.9/9

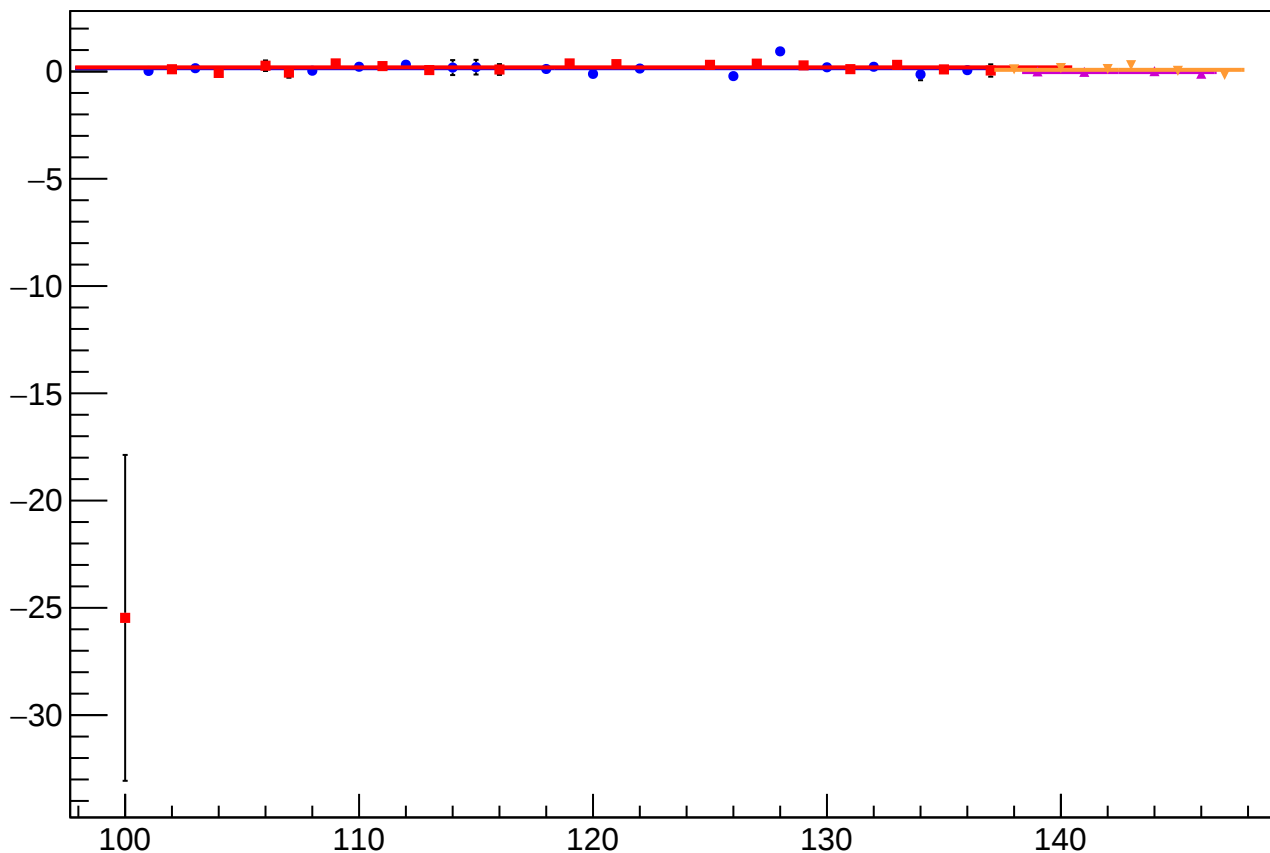
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.010 $\pm$ 0.019 χ^2 /NDF:28.1/19

Out: 0.039 $\pm$ 0.018 χ^2 /NDF:32.6/23

All: 0.025 $\pm$ 0.013 χ^2 /NDF: 61.9/43

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.078 $\pm$ 0.039 χ^2 /NDF:13.2/5

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: -0.027 $\pm$ 0.045 χ^2 /NDF:1.2/3

Left: 0.032 $\pm$ 0.029 χ^2 /NDF: 17.5/9

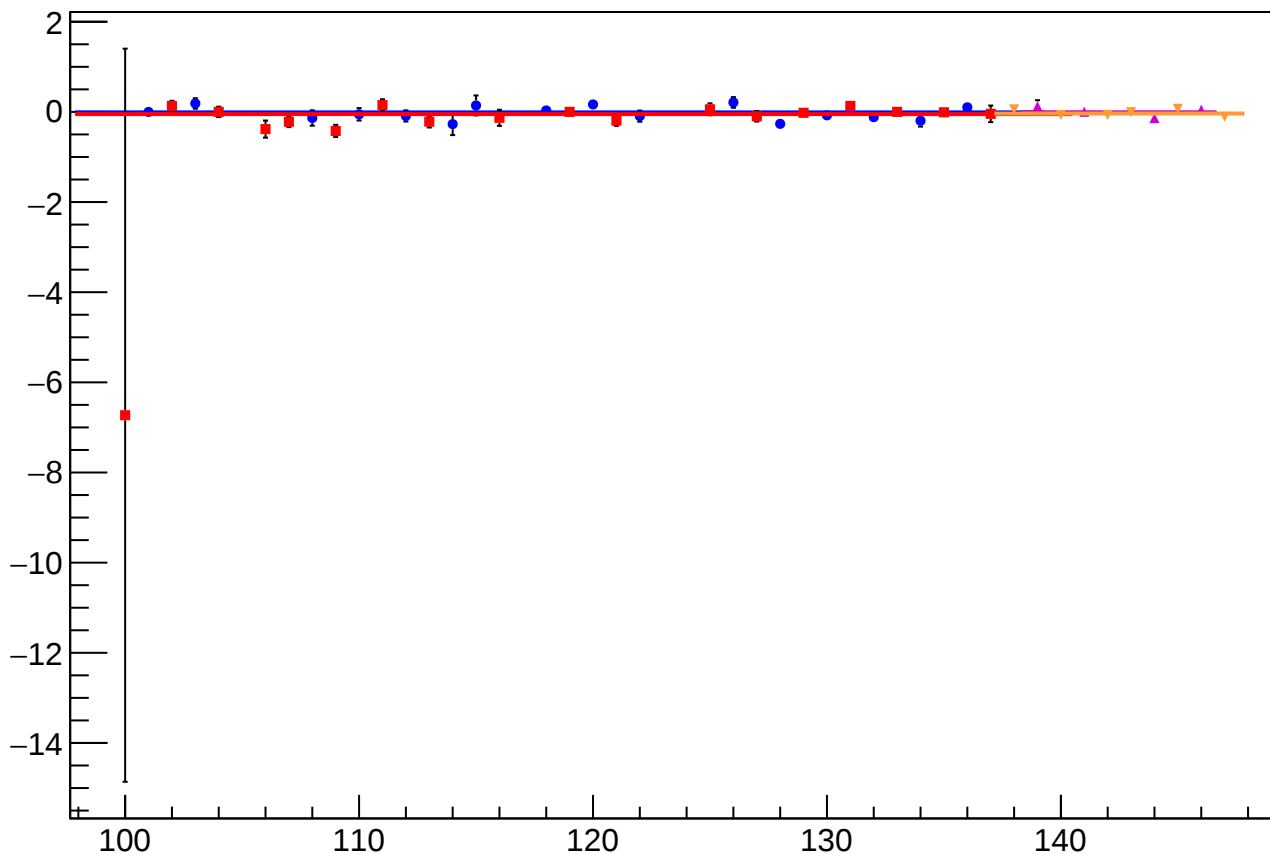
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.067 $\pm$ 0.031 χ^2 /NDF:40.3/19

Out: 0.128 $\pm$ 0.030 χ^2 /NDF:38.9/23

All: 0.099 $\pm$ 0.021 χ^2 /NDF: 81.2/43

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: -0.037 ± 0.033 χ^2/NDF : 4.2/5

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.009 ± 0.040 χ^2/NDF : 4.7/3

Left: -0.025 ± 0.026 χ^2/NDF : 9.1/9

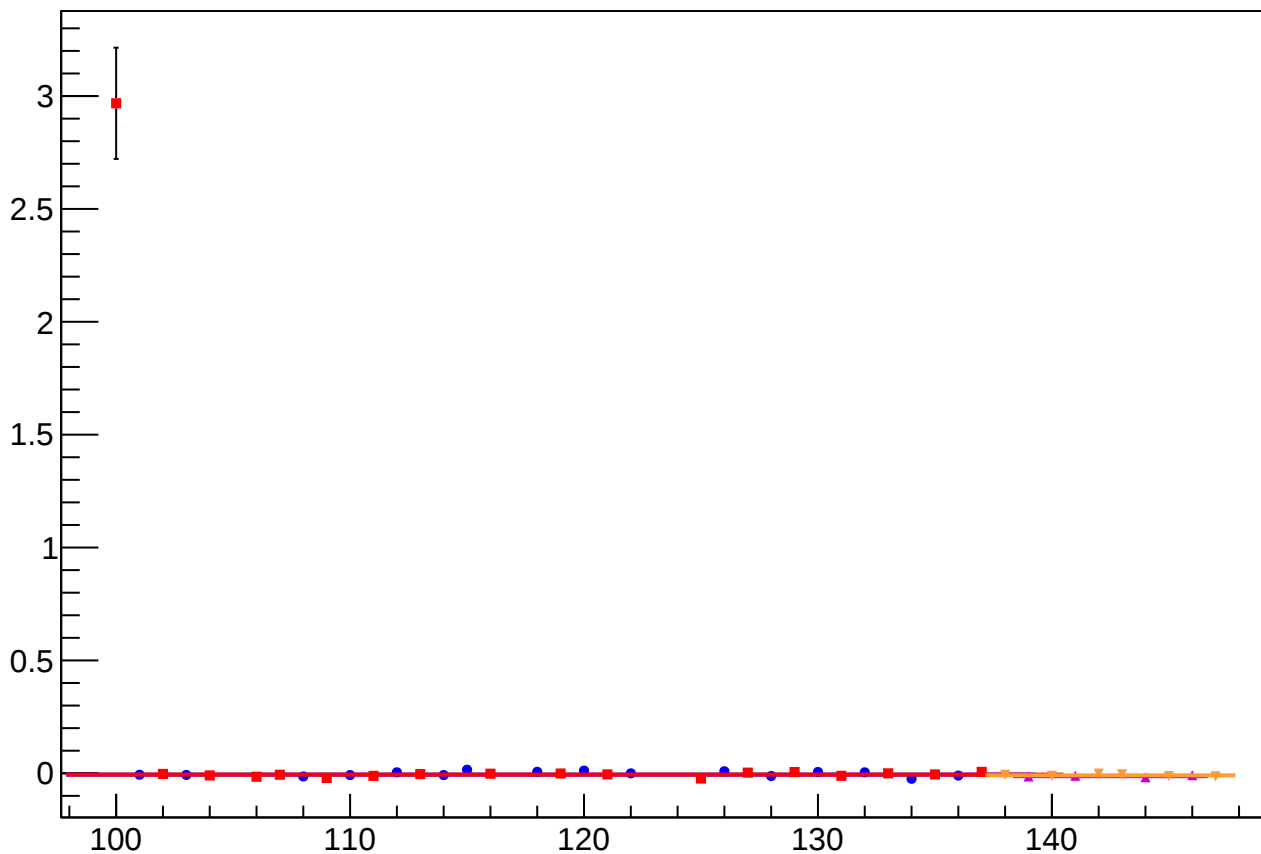
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.010 ± 0.022 χ^2/NDF : 28.1/19

Out: -0.043 ± 0.022 χ^2/NDF : 30.5/23

All: -0.027 ± 0.016 χ^2/NDF : 59.7/43

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 5.8/5

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.013 ± 0.002 χ^2/NDF : 3.1/3

Left: -0.011 ± 0.001 χ^2/NDF : 11.5/9

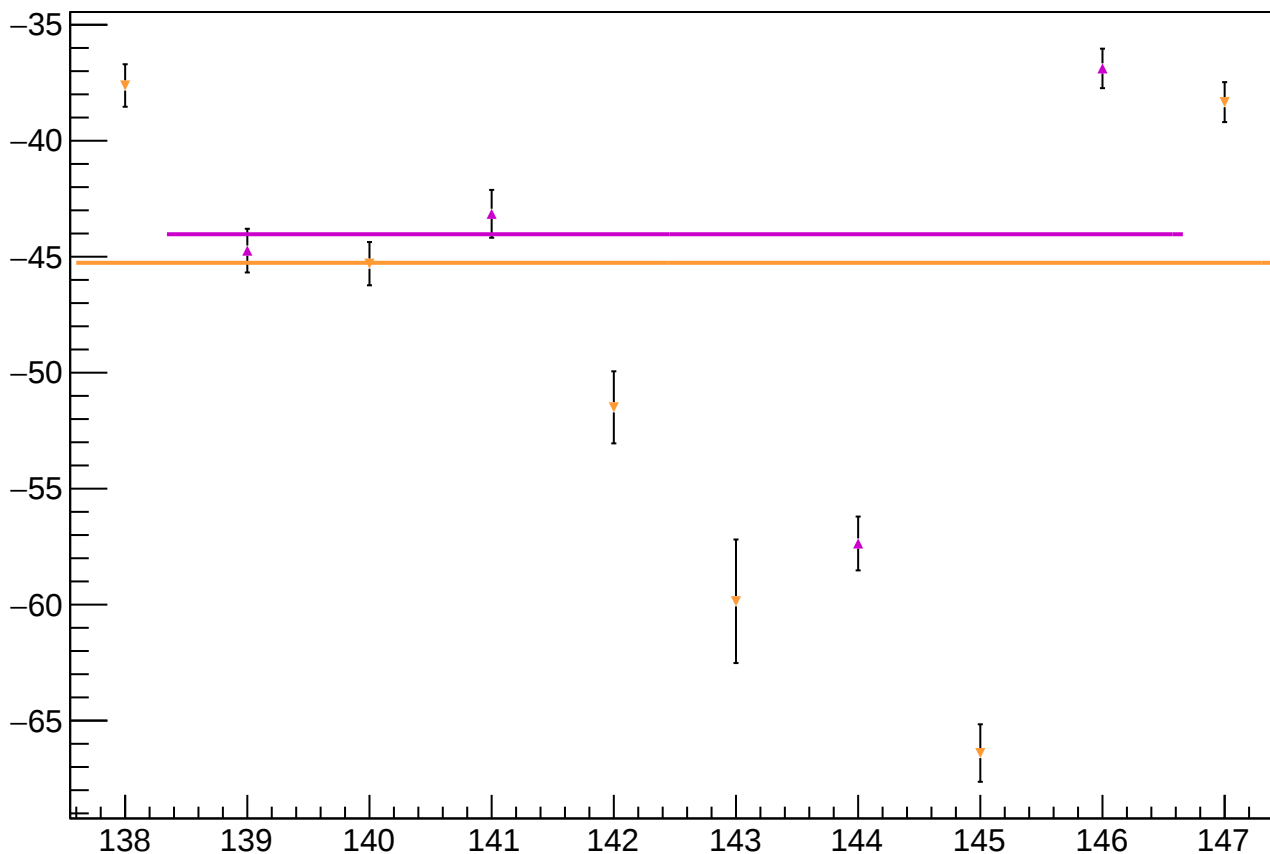
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 40.9/19

Out: -0.007 ± 0.001 χ^2/NDF : 173.1/23

All: -0.008 ± 0.001 χ^2/NDF : 214.9/43

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: -45.262+/-0.452 χ^2/NDF : 471.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.031+/-0.488 χ^2/NDF : 203.8/3

Left: -44.694+/-0.332 χ^2/NDF : 678.4/9

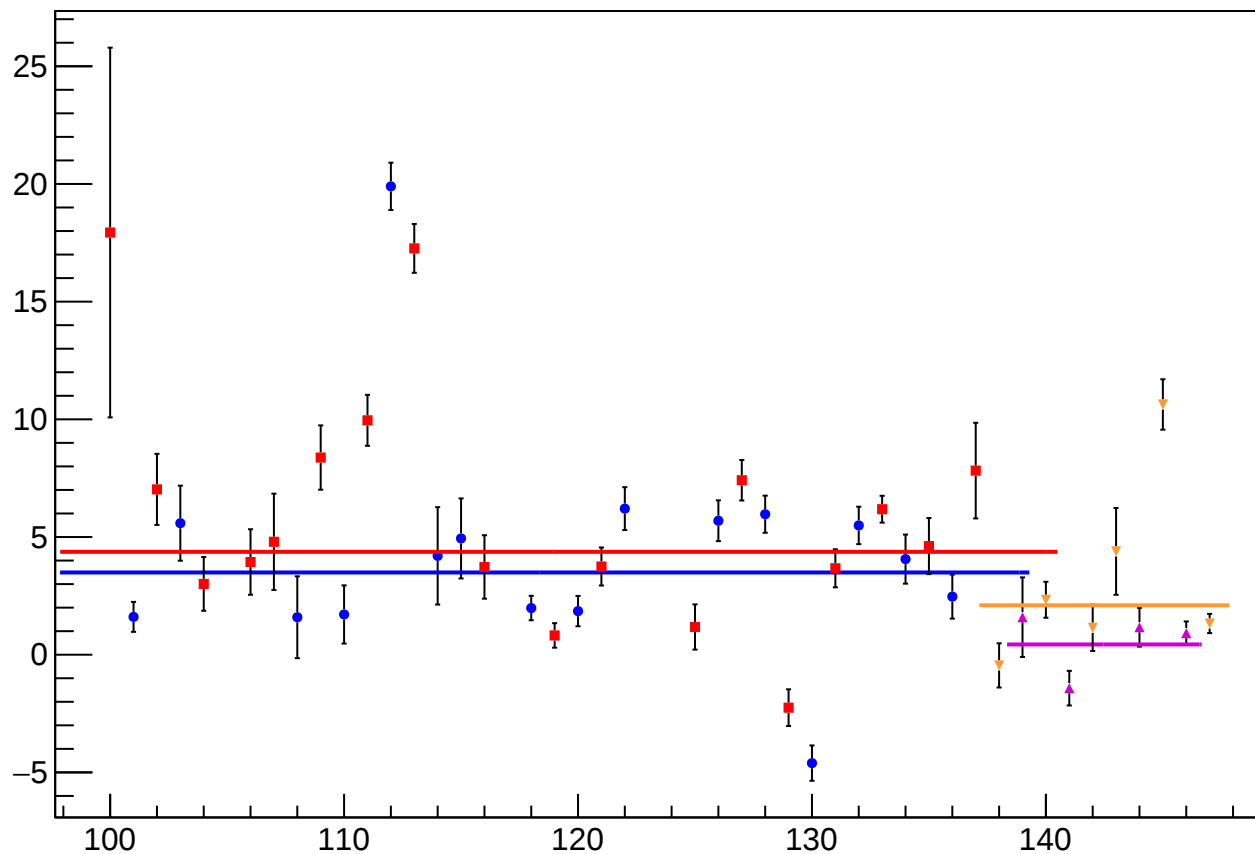
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.031+/-0.488 χ^2/NDF : 203.8/3

Out: -45.262+/-0.452 χ^2/NDF : 471.1/5

All: -44.694+/-0.332 χ^2/NDF : 678.4/9

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: 2.099 ± 0.301 $\chi^2/\text{NDF}: 77.0/5$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 0.436 ± 0.360 $\chi^2/\text{NDF}: 8.6/3$

Left: 1.414 ± 0.231 $\chi^2/\text{NDF}: 98.1/9$

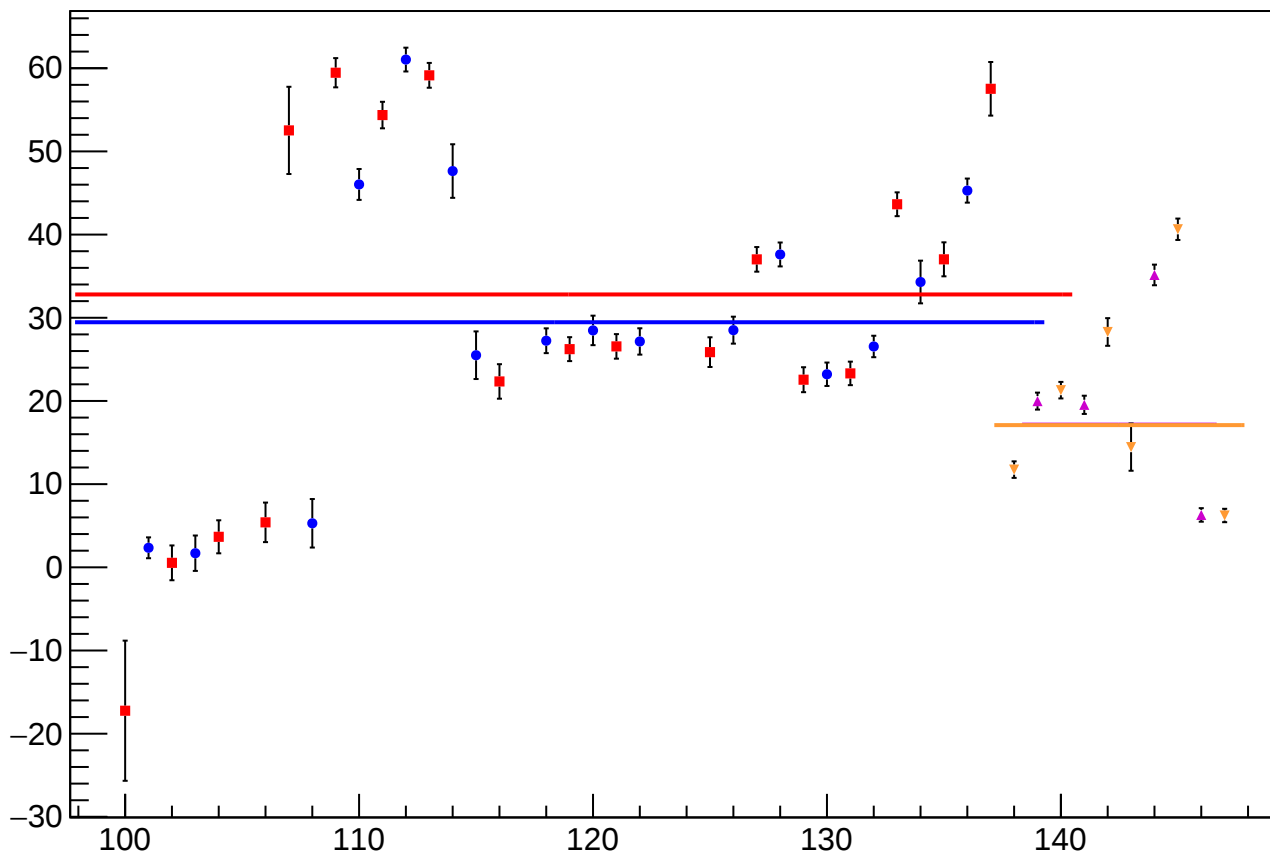
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.675 ± 0.186 $\chi^2/\text{NDF}: 506.3/19$

Out: 3.556 ± 0.180 $\chi^2/\text{NDF}: 467.4/23$

All: 3.130 ± 0.130 $\chi^2/\text{NDF}: 985.3/43$

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: 17.096 $\pm$ 0.463 χ^2 /NDF:610.5/5

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 17.154 $\pm$ 0.503 χ^2 /NDF:400.6/3

Left: 17.123 $\pm$ 0.341 χ^2 /NDF: 1011.1/9

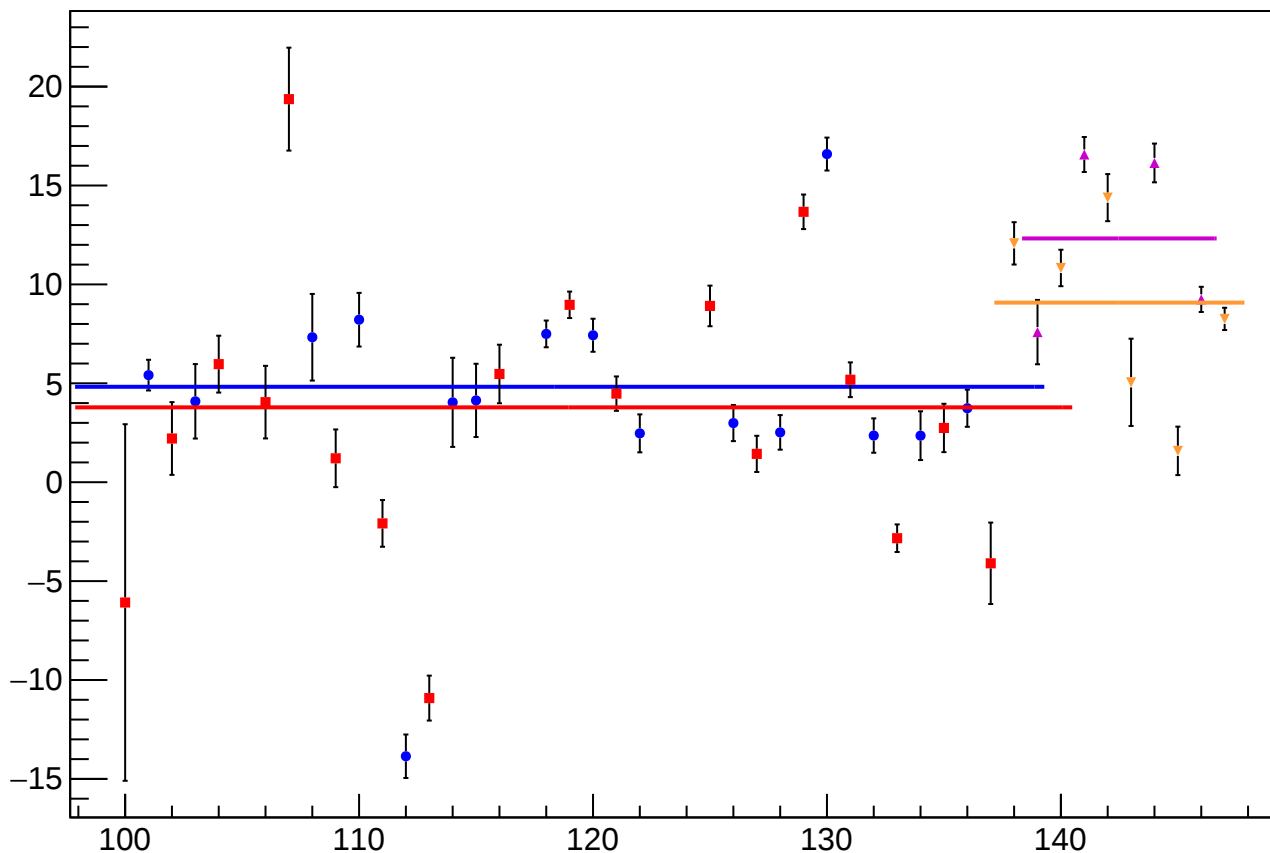
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 24.443 $\pm$ 0.321 χ^2 /NDF:2246.6/19

Out: 25.661 $\pm$ 0.312 χ^2 /NDF:2897.4/23

All: 25.069 $\pm$ 0.224 χ^2 /NDF: 5151.4/43

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: 9.079 ± 0.384 $\chi^2/\text{NDF}: 74.2/5$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 12.324 ± 0.440 $\chi^2/\text{NDF}: 70.1/3$

Left: 10.482 ± 0.289 $\chi^2/\text{NDF}: 175.3/9$

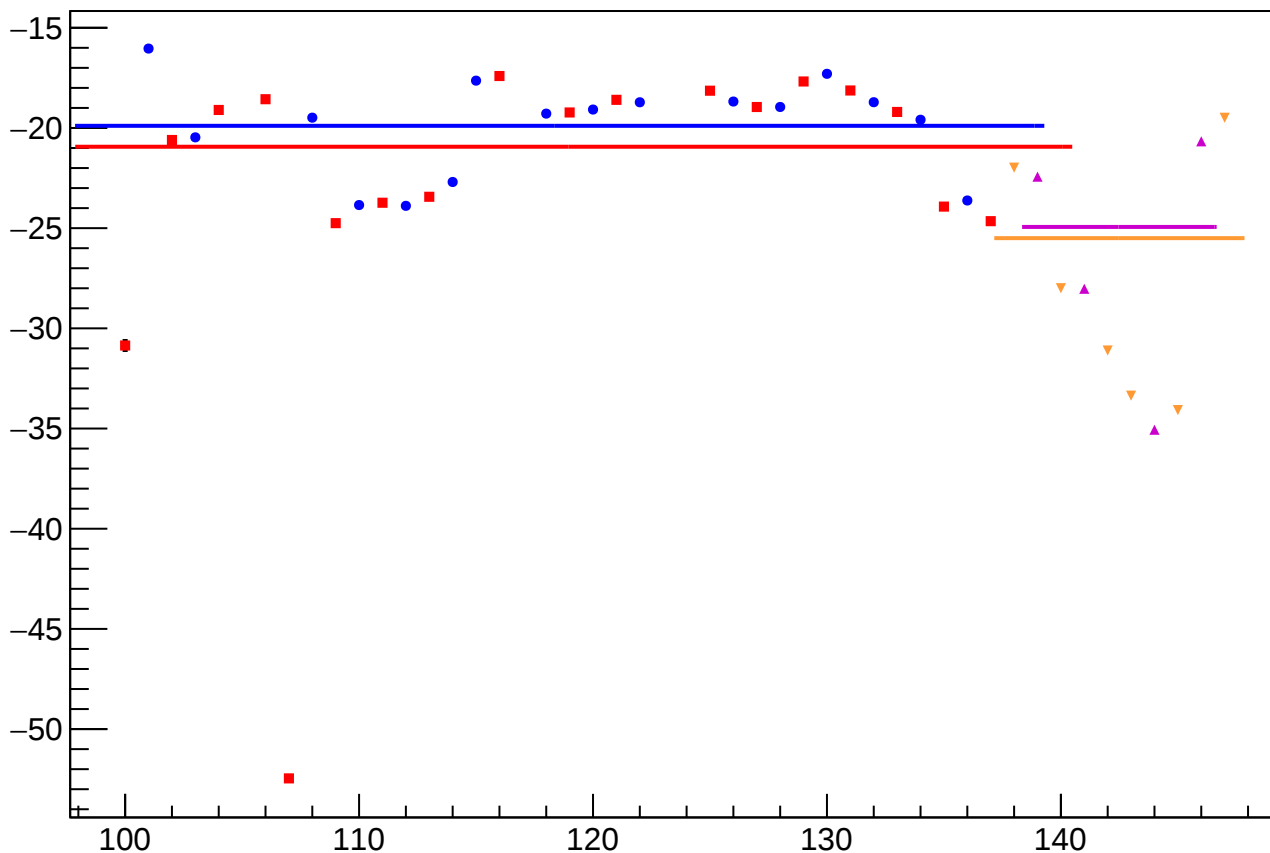
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.674 ± 0.218 $\chi^2/\text{NDF}: 842.1/19$

Out: 5.439 ± 0.215 $\chi^2/\text{NDF}: 769.8/23$

All: 6.045 ± 0.153 $\chi^2/\text{NDF}: 1628.2/43$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -25.498 $\pm$ 0.020 χ^2 /NDF: 76782.9/5

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -24.939 $\pm$ 0.021 χ^2 /NDF: 57260.4/3

Left: -25.232 $\pm$ 0.014 χ^2 /NDF: 134426.1/9

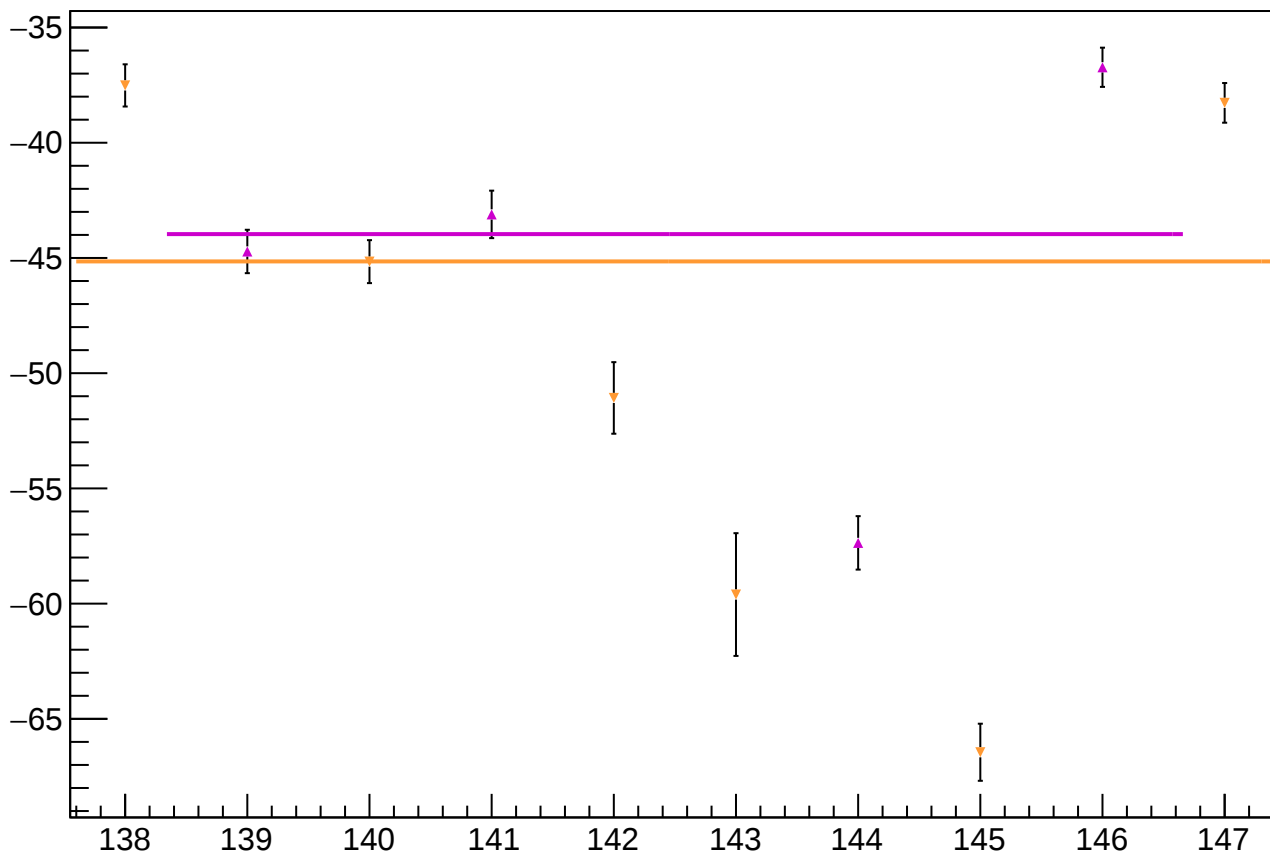
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.720 $\pm$ 0.012 χ^2 /NDF: 121309.2/19

Out: -22.707 $\pm$ 0.012 χ^2 /NDF: 203632.7/23

All: -22.220 $\pm$ 0.009 χ^2 /NDF: 328130.9/43

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: -45.150+/-0.452 χ^2/NDF : 473.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.965+/-0.488 χ^2/NDF : 207.2/3

Left: -44.603+/-0.332 χ^2/NDF : 683.4/9

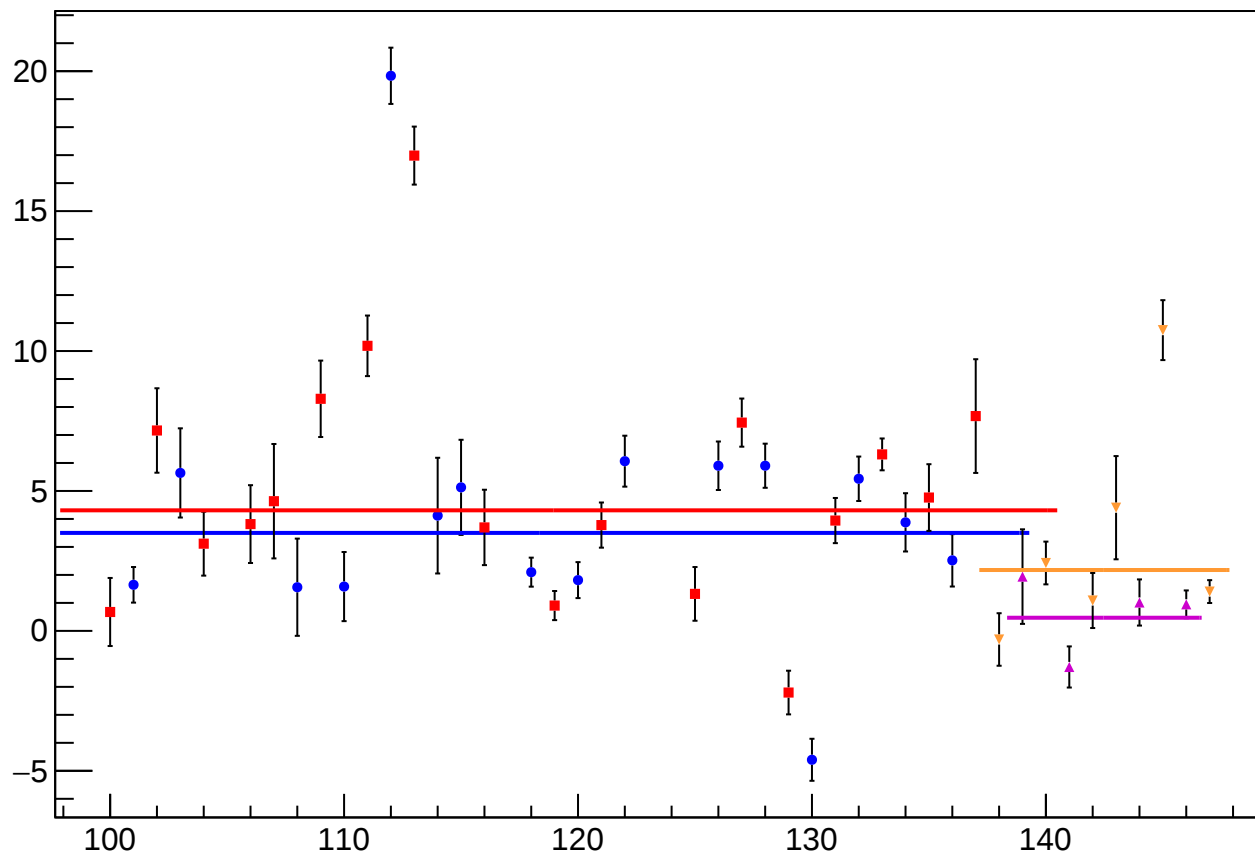
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.965+/-0.488 χ^2/NDF : 207.2/3

Out: -45.150+/-0.452 χ^2/NDF : 473.1/5

All: -44.603+/-0.332 χ^2/NDF : 683.4/9

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 2.175 ± 0.301 $\chi^2/\text{NDF}: 77.5/5$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 0.470 ± 0.360 $\chi^2/\text{NDF}: 7.9/3$

Left: 1.473 ± 0.231 $\chi^2/\text{NDF}: 98.5/9$

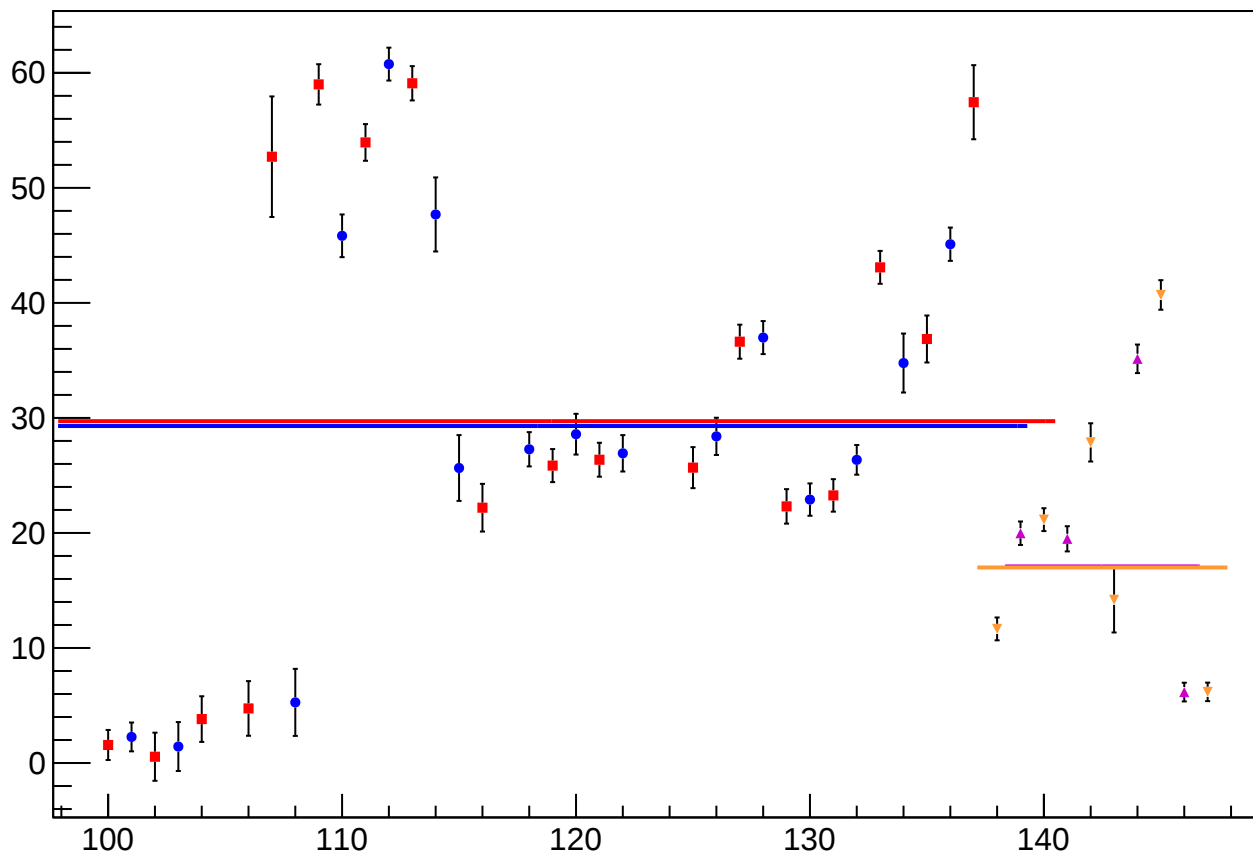
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.690 ± 0.186 $\chi^2/\text{NDF}: 501.7/19$

Out: 3.559 ± 0.178 $\chi^2/\text{NDF}: 462.8/23$

All: 3.143 ± 0.129 $\chi^2/\text{NDF}: 975.9/43$

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: 16.999 $\pm$ 0.463 χ^2/NDF : 610.9/5

Right Out: 29.719 $\pm$ 0.403 χ^2/NDF : 2128.9/17

Left In: 17.092 $\pm$ 0.503 χ^2/NDF : 404.9/3

Left: 17.041 $\pm$ 0.341 χ^2/NDF : 1015.8/9

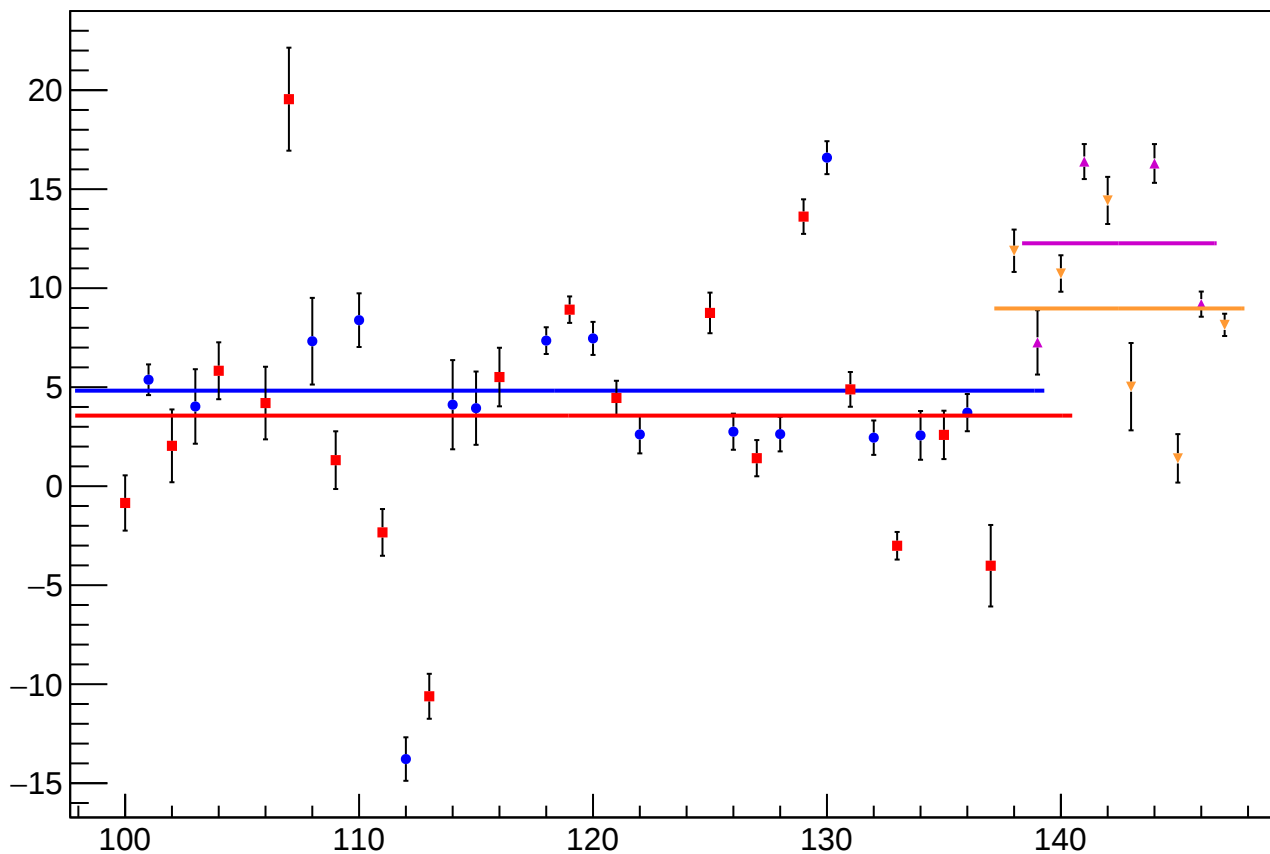
Right: 29.515 $\pm$ 0.290 χ^2/NDF : 3614.7/33

In: 24.319 $\pm$ 0.321 χ^2/NDF : 2239.1/19

Out: 24.241 $\pm$ 0.304 χ^2/NDF : 3169.8/23

All: 24.278 $\pm$ 0.221 χ^2/NDF : 5409.0/43

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 8.975 $\pm$ 0.384 χ^2 /NDF: 75.8/5

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 12.267 $\pm$ 0.440 χ^2 /NDF: 71.6/3

Left: 10.399 $\pm$ 0.289 χ^2 /NDF: 179.2/9

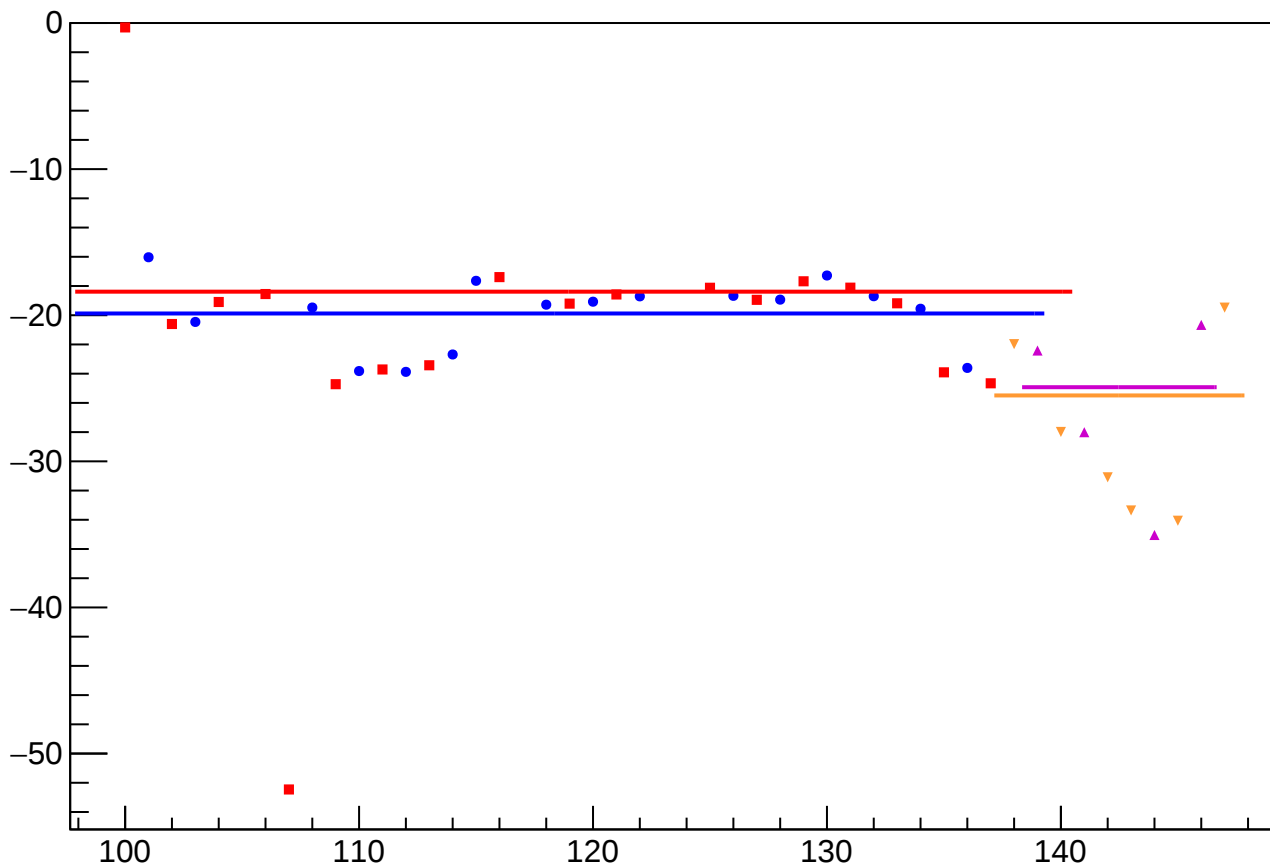
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 6.659 $\pm$ 0.218 χ^2 /NDF: 836.8/19

Out: 5.217 $\pm$ 0.212 χ^2 /NDF: 784.1/23

All: 5.917 $\pm$ 0.152 χ^2 /NDF: 1643.3/43

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880+/-0.016 χ^2/NDF : 26082.0/15

Left Out: -25.490+/-0.020 χ^2/NDF : 76829.0/5

Right Out: -18.387+/-0.015 χ^2/NDF : 301256.3/17

Left In: -24.926+/-0.021 χ^2/NDF : 57216.4/3

Left: -25.221+/-0.014 χ^2/NDF : 134435.4/9

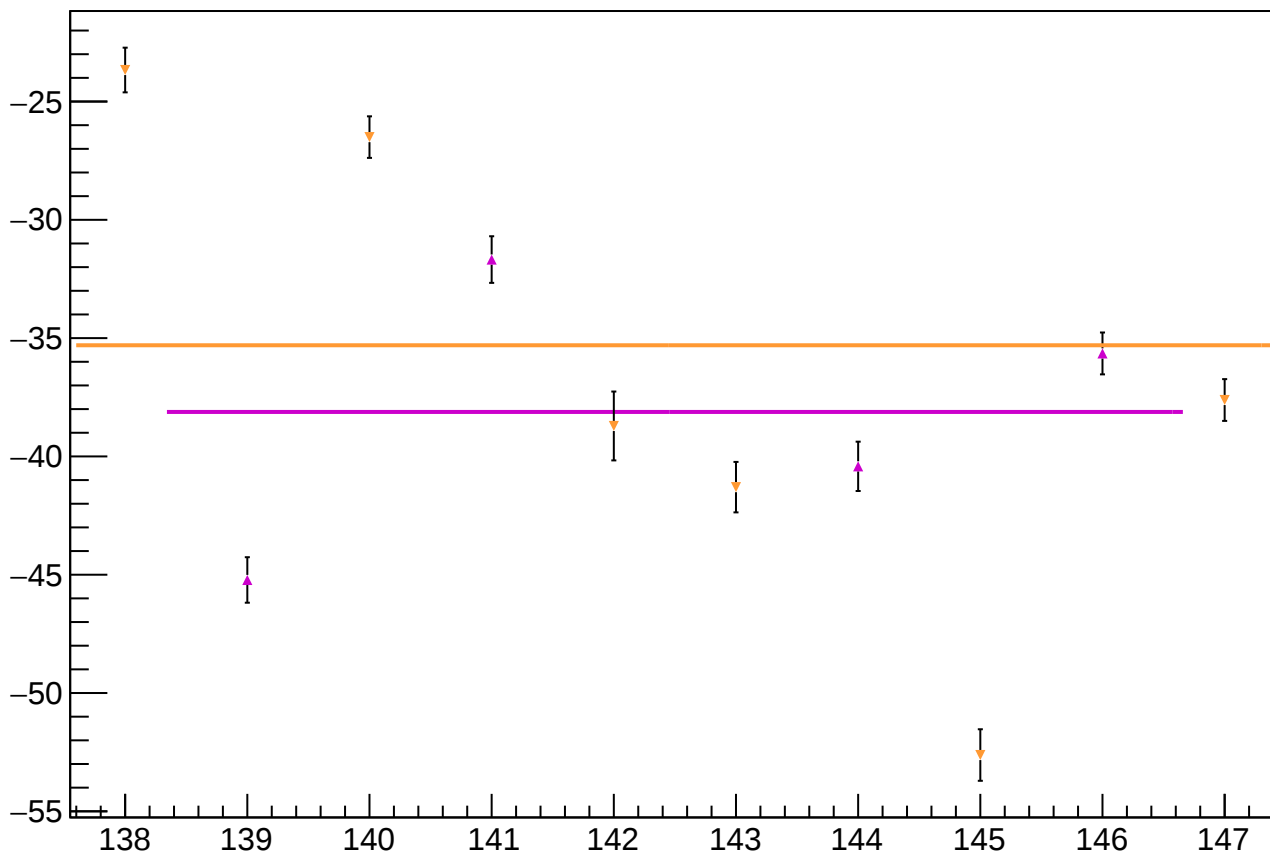
Right: -19.093+/-0.011 χ^2/NDF : 332185.5/33

In: -21.707+/-0.012 χ^2/NDF : 121281.5/19

Out: -20.934+/-0.012 χ^2/NDF : 461339.8/23

All: -21.301+/-0.009 χ^2/NDF : 584650.7/43

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: -35.302+/-0.412 χ^2/NDF :548.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.120+/-0.482 χ^2/NDF :109.9/3

Left: -36.492+/-0.313 χ^2/NDF : 678.6/9

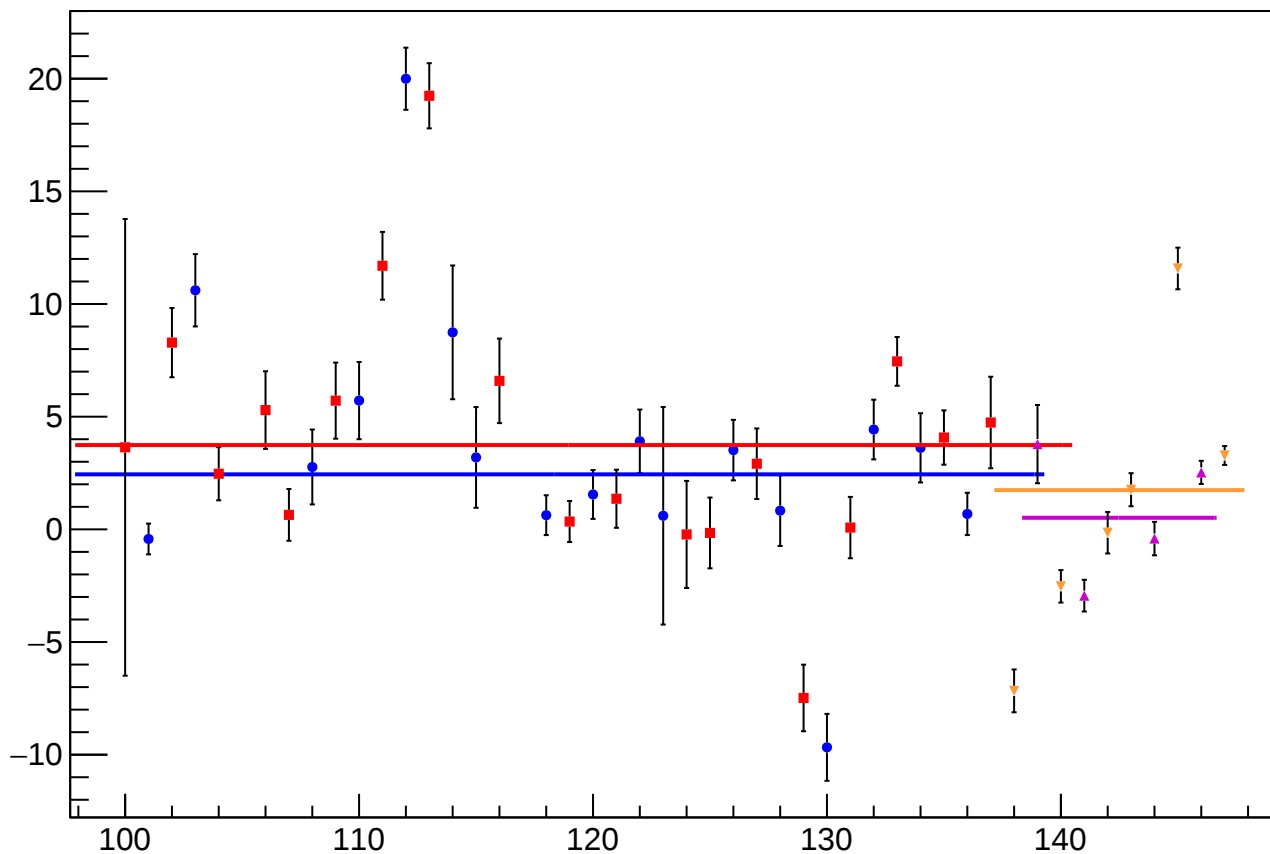
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.120+/-0.482 χ^2/NDF :109.9/3

Out: -35.302+/-0.412 χ^2/NDF :548.9/5

All: -36.492+/-0.313 χ^2/NDF : 678.6/9

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.742 ± 0.278 χ^2/NDF : 253.9/5

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 0.514 ± 0.355 χ^2/NDF : 44.5/3

Left: 1.275 ± 0.219 χ^2/NDF : 305.8/9

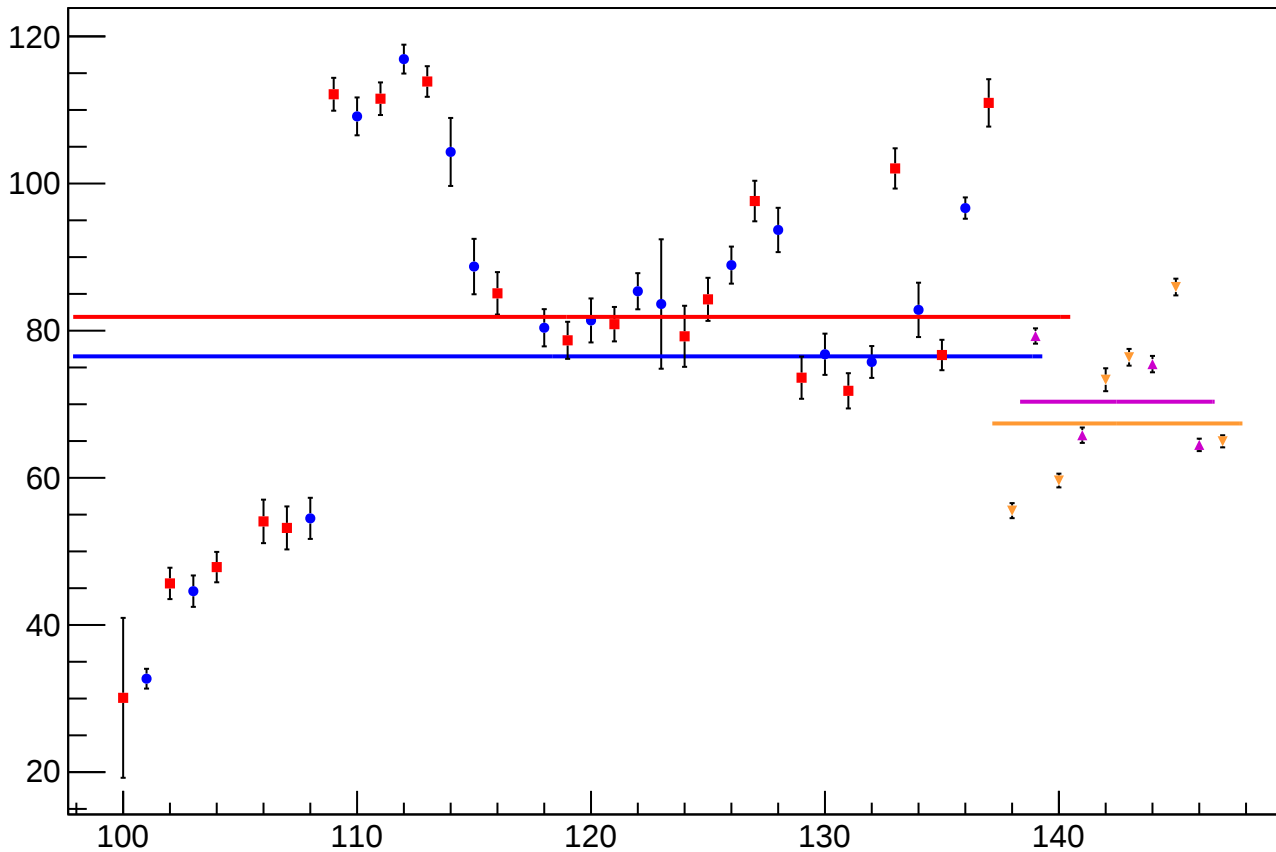
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.603 ± 0.234 χ^2/NDF : 355.8/20

Out: 2.581 ± 0.212 χ^2/NDF : 543.8/24

All: 2.142 ± 0.157 χ^2/NDF : 909.2/45

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: 67.389 $\pm$ 0.425 χ^2 /NDF: 554.3/5

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 70.346 $\pm$ 0.498 χ^2 /NDF: 161.6/3

Left: 68.637 $\pm$ 0.323 χ^2 /NDF: 736.3/9

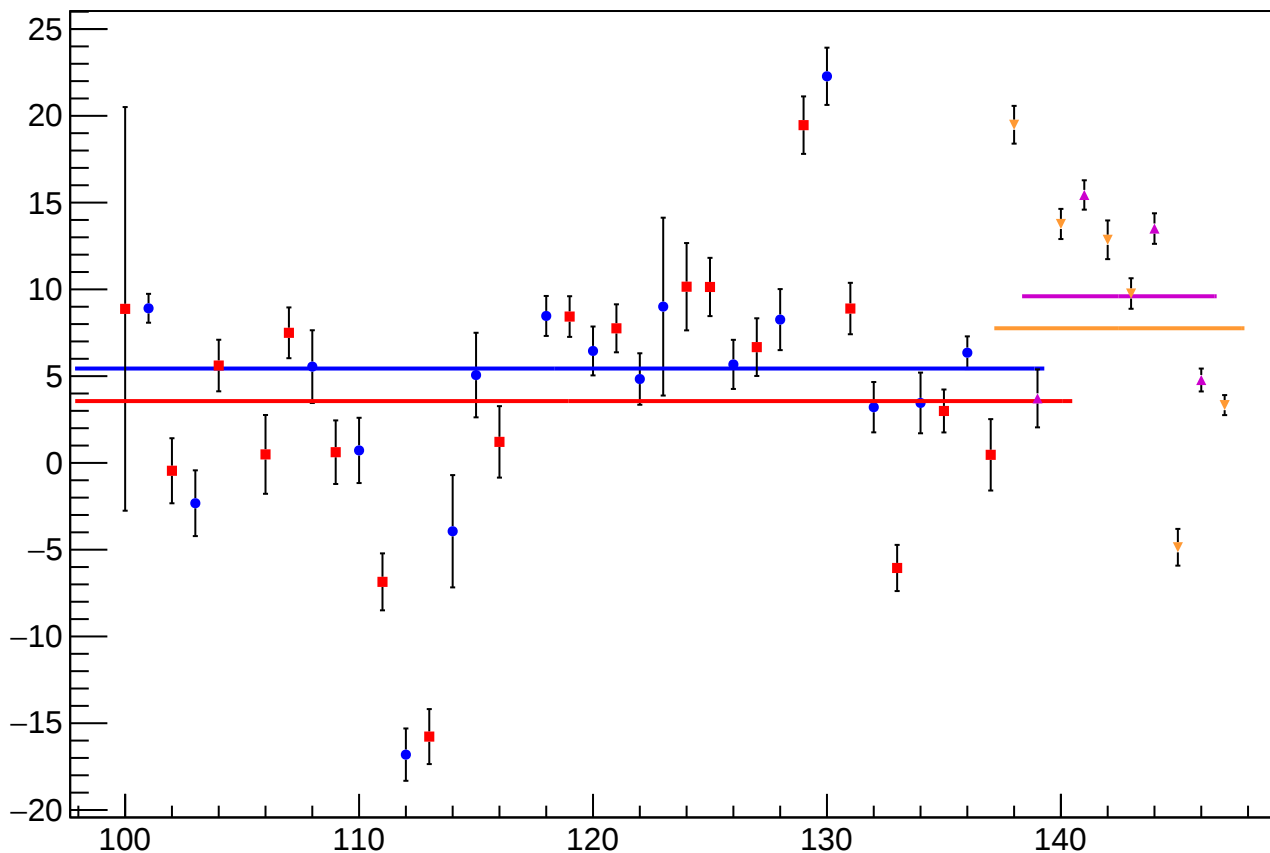
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 72.990 $\pm$ 0.376 χ^2 /NDF: 2478.3/20

Out: 72.324 $\pm$ 0.345 χ^2 /NDF: 2520.1/24

All: 72.629 $\pm$ 0.254 χ^2 /NDF: 5000.1/45

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 7.759 ± 0.350 $\chi^2/\text{NDF}: 391.1/5$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 9.603 ± 0.433 $\chi^2/\text{NDF}: 133.2/3$

Left: 8.488 ± 0.272 $\chi^2/\text{NDF}: 535.3/9$

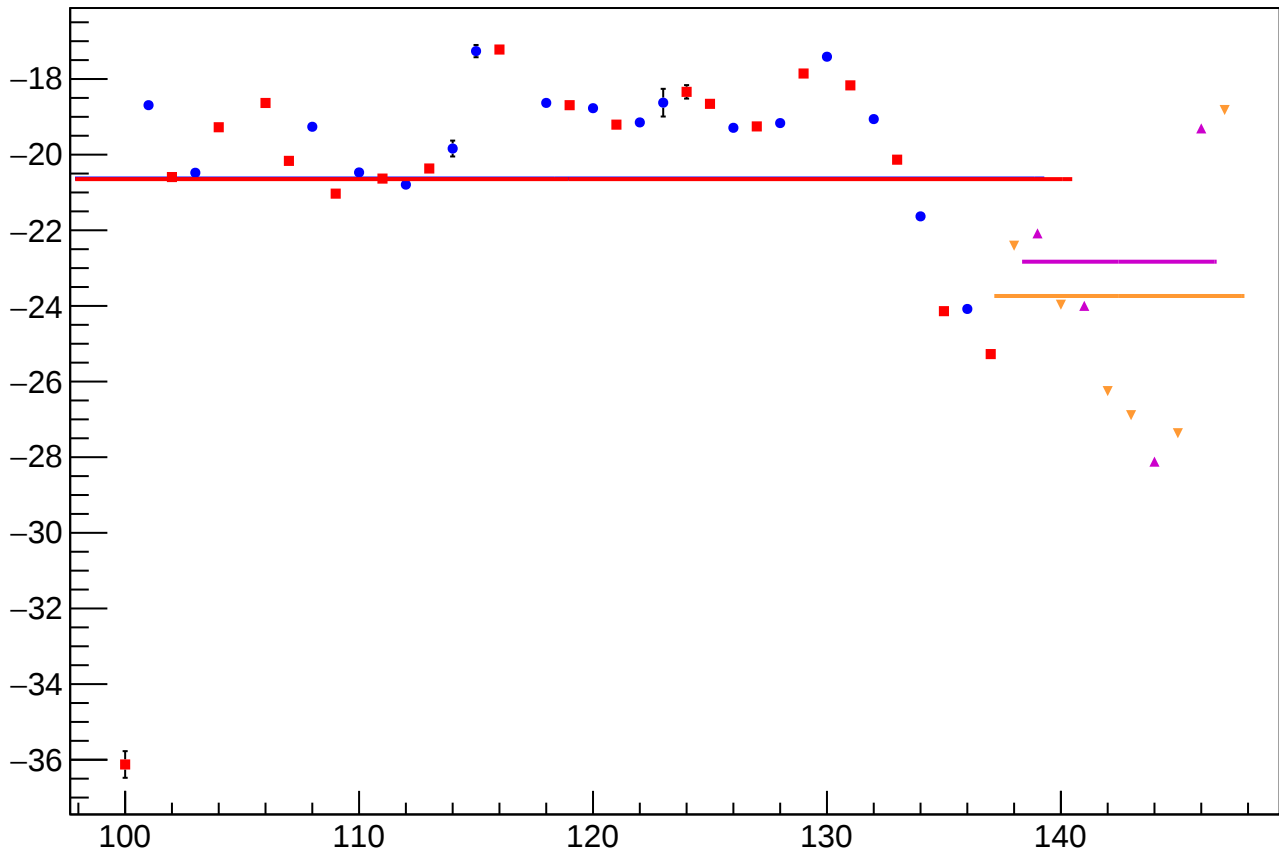
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 7.130 ± 0.276 $\chi^2/\text{NDF}: 574.4/20$

Out: 5.805 ± 0.256 $\chi^2/\text{NDF}: 878.8/24$

All: 6.418 ± 0.188 $\chi^2/\text{NDF}: 1465.6/45$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -23.737+/-0.018 χ^2/NDF : 30045.8/5

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -22.831+/-0.021 χ^2/NDF : 21092.6/3

Left: -23.344+/-0.014 χ^2/NDF : 52244.6/9

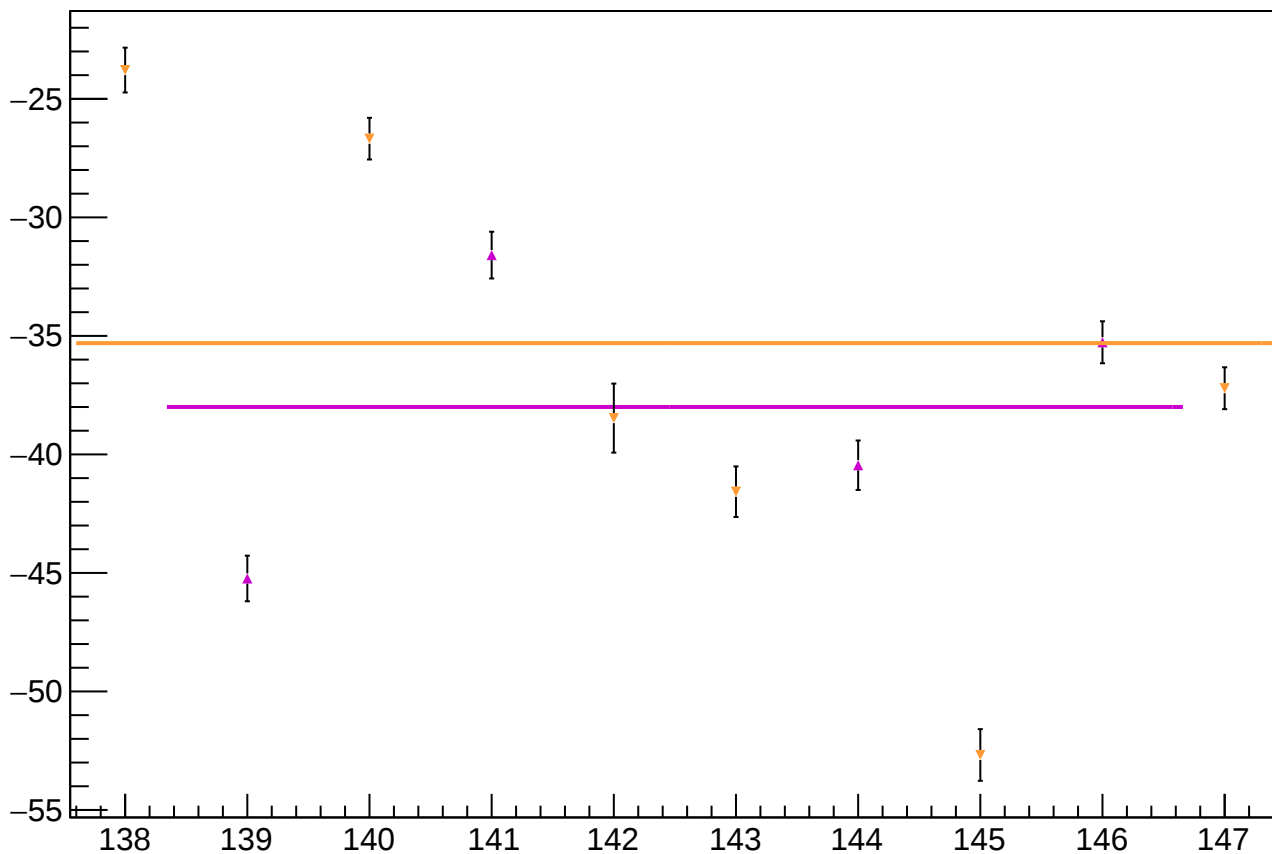
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -21.664+/-0.014 χ^2/NDF : 39693.1/20

Out: -22.314+/-0.013 χ^2/NDF : 57600.1/24

All: -22.009+/-0.010 χ^2/NDF : 98431.2/45

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: -35.305+/-0.412 χ^2/NDF :543.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.998+/-0.482 χ^2/NDF :113.8/3

Left: -36.442+/-0.313 χ^2/NDF : 674.8/9

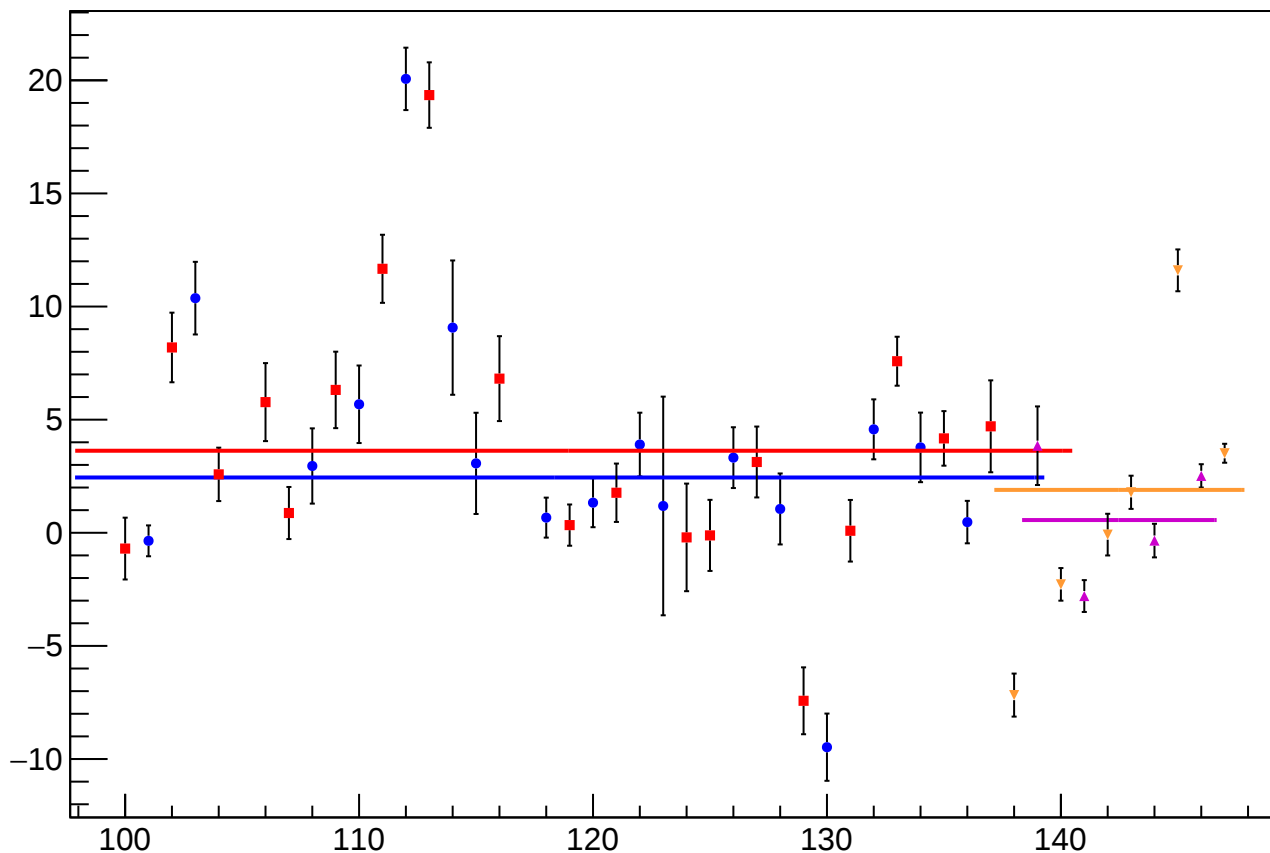
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.998+/-0.482 χ^2/NDF :113.8/3

Out: -35.305+/-0.412 χ^2/NDF :543.0/5

All: -36.442+/-0.313 χ^2/NDF : 674.8/9

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 1.896 ± 0.278 χ^2/NDF : 254.2/5

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 0.563 ± 0.355 χ^2/NDF : 42.2/3

Left: 1.390 ± 0.219 χ^2/NDF : 305.1/9

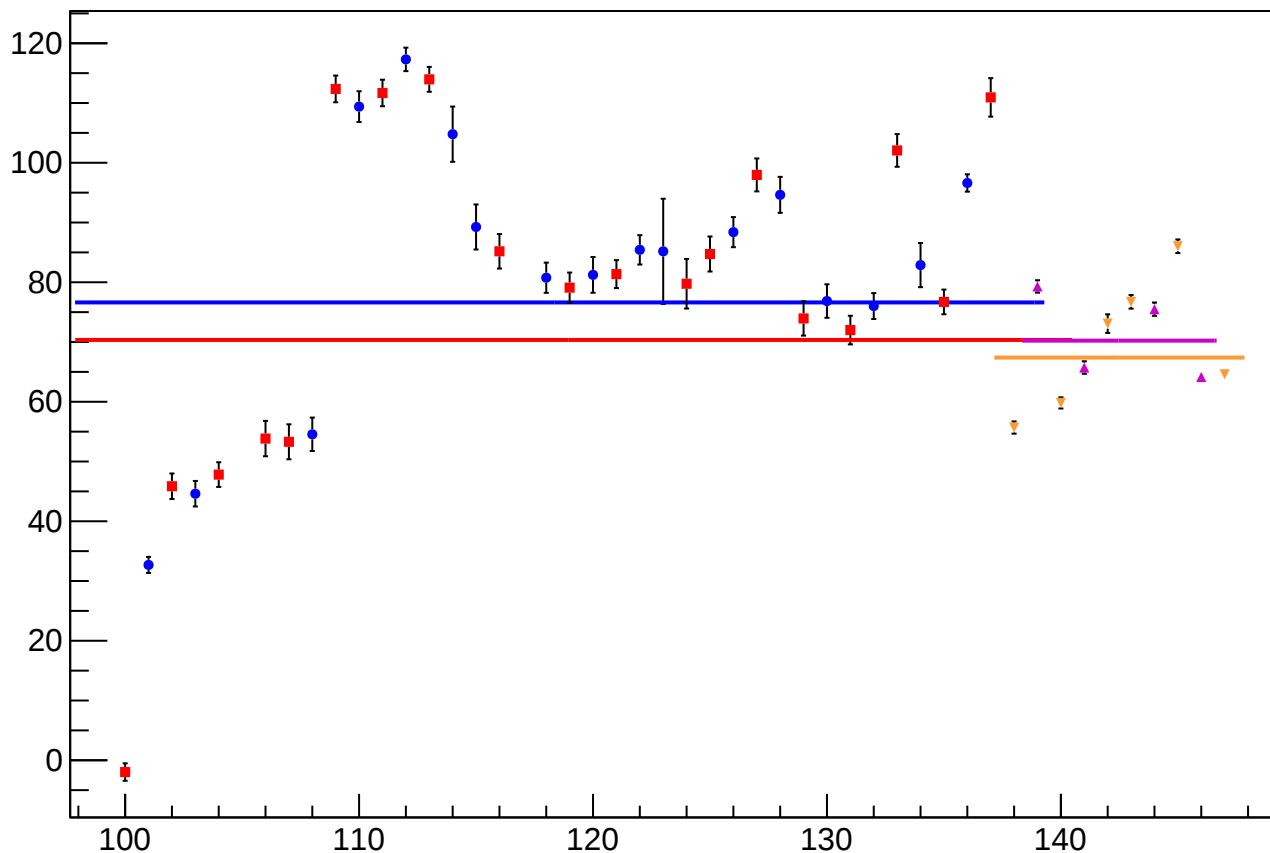
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.626 ± 0.234 χ^2/NDF : 350.7/20

Out: 2.646 ± 0.209 χ^2/NDF : 549.9/24

All: 2.193 ± 0.156 χ^2/NDF : 911.1/45

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: 67.395 $\pm$ 0.426 χ^2 /NDF: 556.4/5

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 70.231 $\pm$ 0.498 χ^2 /NDF: 168.1/3

Left: 68.592 $\pm$ 0.324 χ^2 /NDF: 743.2/9

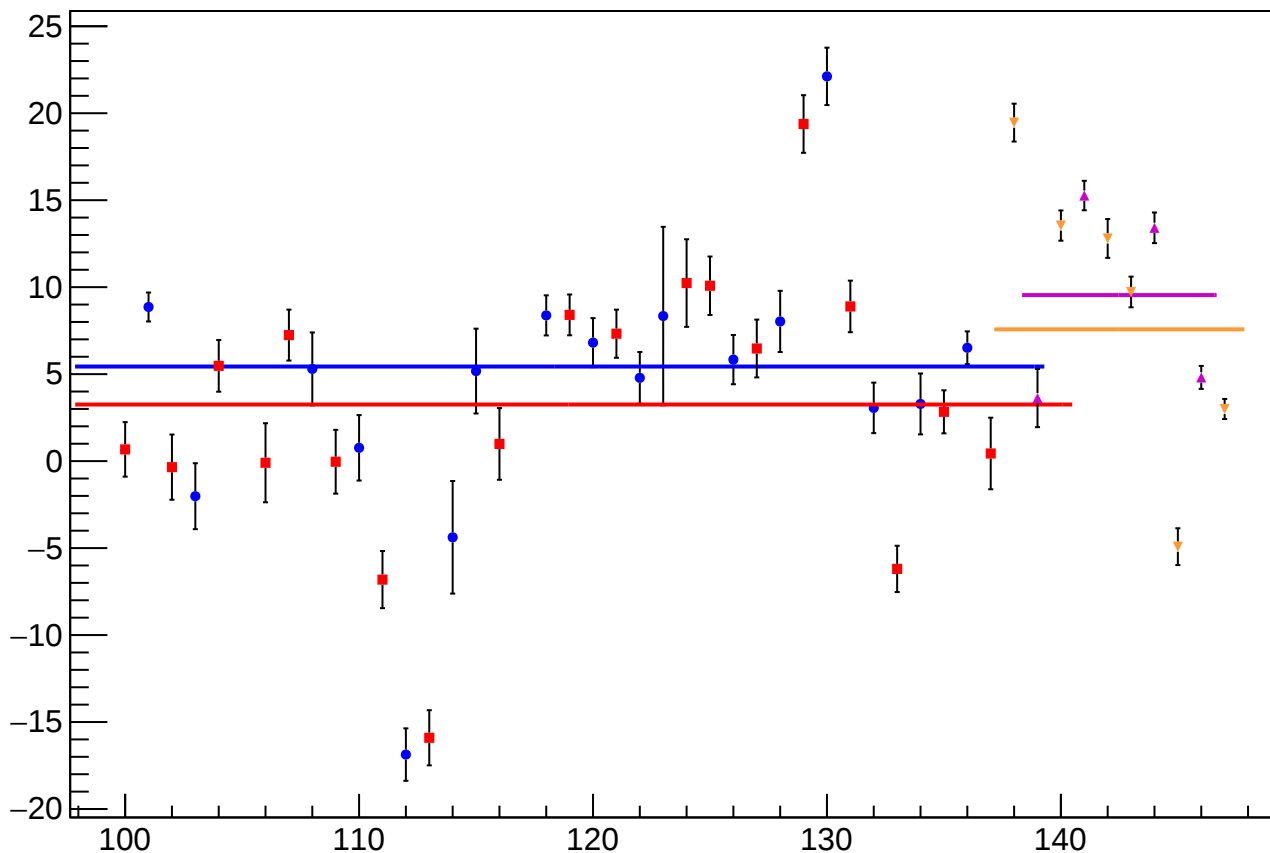
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 72.976 $\pm$ 0.376 χ^2 /NDF: 2501.7/20

Out: 68.502 $\pm$ 0.337 χ^2 /NDF: 4962.5/24

All: 70.489 $\pm$ 0.251 χ^2 /NDF: 7542.7/45

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.576 ± 0.350 $\chi^2/\text{NDF}: 396.2/5$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 9.545 ± 0.433 $\chi^2/\text{NDF}: 128.9/3$

Left: 8.355 ± 0.272 $\chi^2/\text{NDF}: 537.6/9$

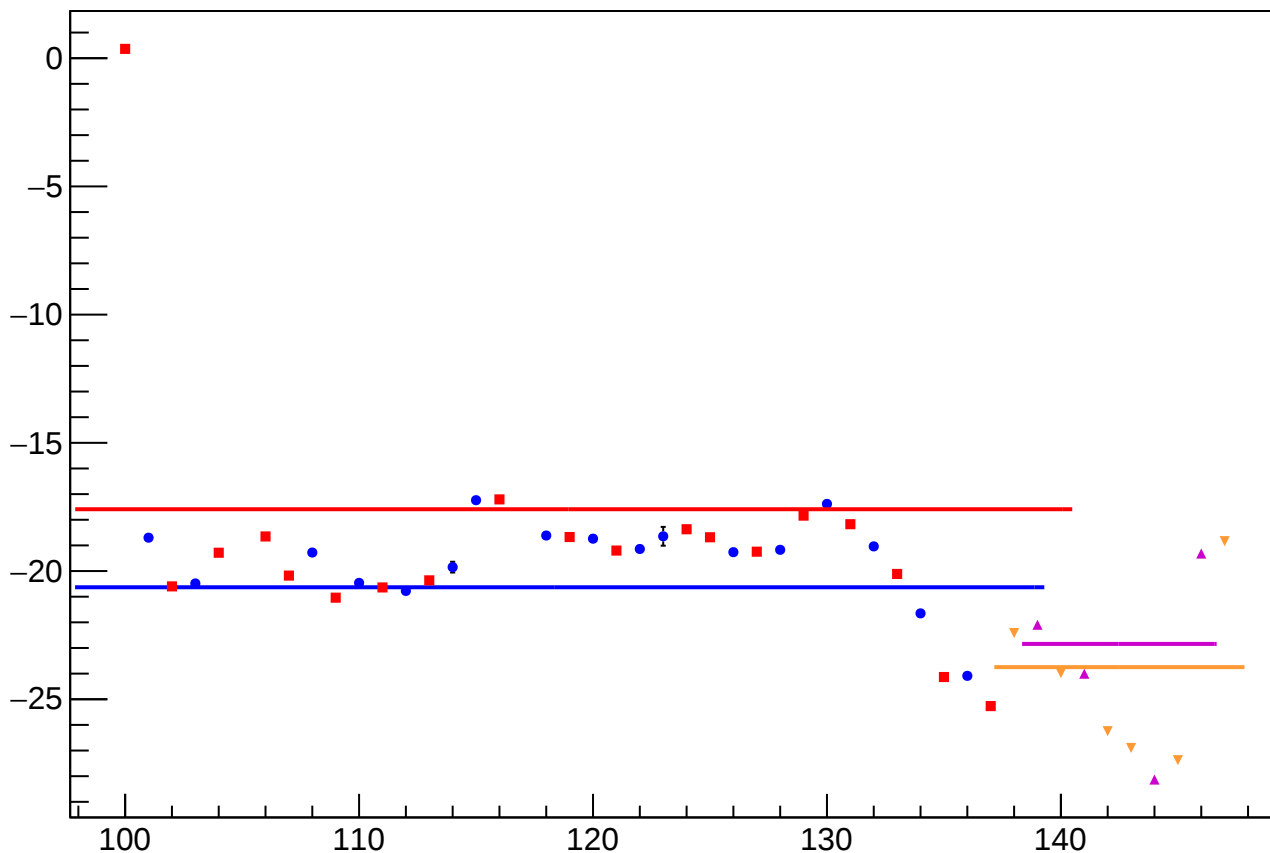
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.106 ± 0.276 $\chi^2/\text{NDF}: 566.9/20$

Out: 5.505 ± 0.253 $\chi^2/\text{NDF}: 893.0/24$

All: 6.235 ± 0.186 $\chi^2/\text{NDF}: 1478.2/45$

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: -23.748 ± 0.018 $\chi^2/\text{NDF}: 29958.1/5$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -22.842 ± 0.021 $\chi^2/\text{NDF}: 21060.3/3$

Left: -23.355 ± 0.014 $\chi^2/\text{NDF}: 52120.6/9$

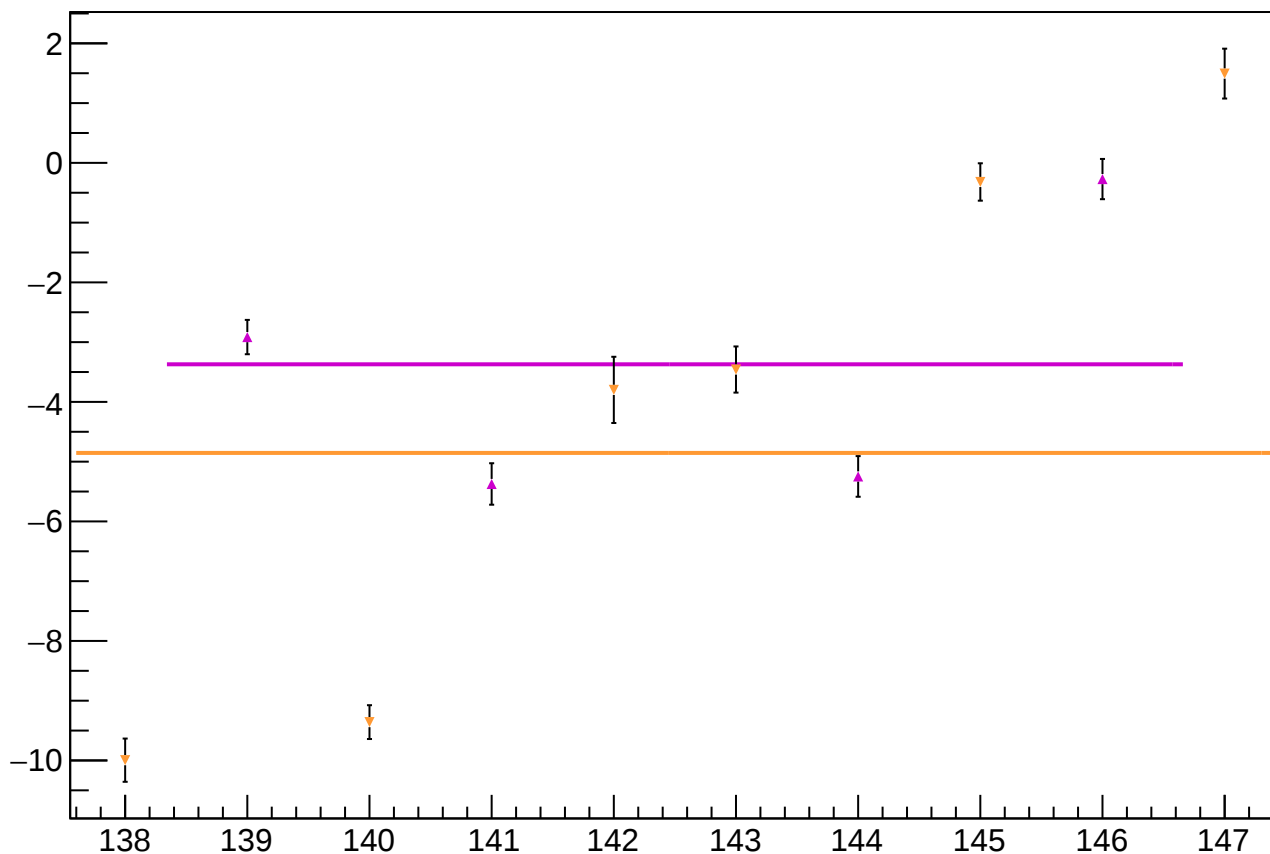
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -21.669 ± 0.014 $\chi^2/\text{NDF}: 39751.4/20$

Out: -20.676 ± 0.013 $\chi^2/\text{NDF}: 267226.4/24$

All: -21.123 ± 0.009 $\chi^2/\text{NDF}: 309719.1/45$

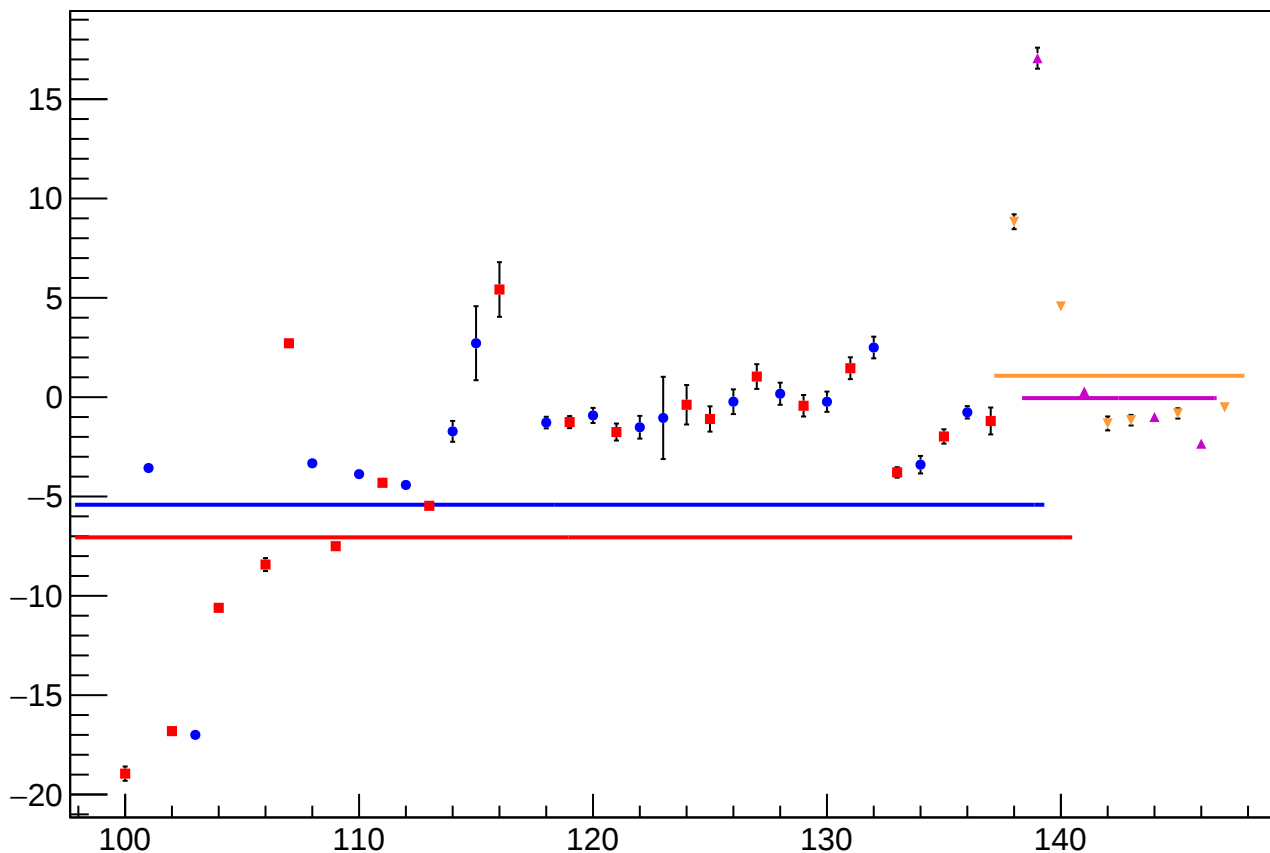
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.854+/-0.147 χ^2/NDF : 913.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.371+/-0.162 χ^2/NDF : 151.0/3

Left: -4.184+/-0.109 χ^2/NDF : 1110.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.371+/-0.162 χ^2/NDF : 151.0/3
 Out: -4.854+/-0.147 χ^2/NDF : 913.6/5
 All: -4.184+/-0.109 χ^2/NDF : 1110.2/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 1.078 ± 0.107 χ^2/NDF : 881.9/5

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: -0.047 ± 0.131 χ^2/NDF : 1178.5/3

Left: 0.626 ± 0.083 χ^2/NDF : 2104.7/9

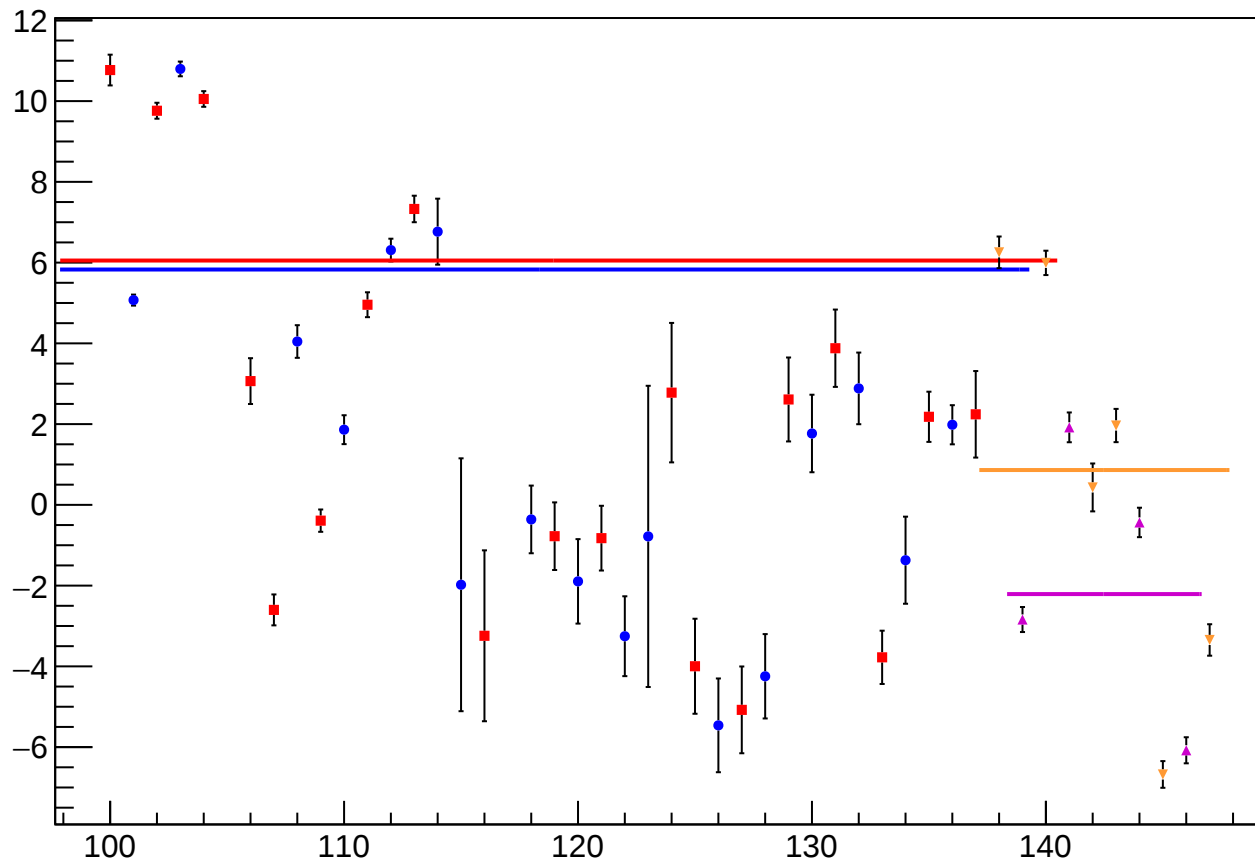
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -4.614 ± 0.051 χ^2/NDF : 11868.4/20

Out: -5.164 ± 0.052 χ^2/NDF : 17634.1/24

All: -4.883 ± 0.036 χ^2/NDF : 29560.5/45

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 0.863 $\pm$ 0.154 χ^2 /NDF:1123.1/5

Right Out: 6.051 $\pm$ 0.093 χ^2 /NDF: 2674.1/18

Left In: -2.210 $\pm$ 0.169 χ^2 /NDF:296.6/3

Left: -0.532 $\pm$ 0.114 χ^2 /NDF: 1599.5/9

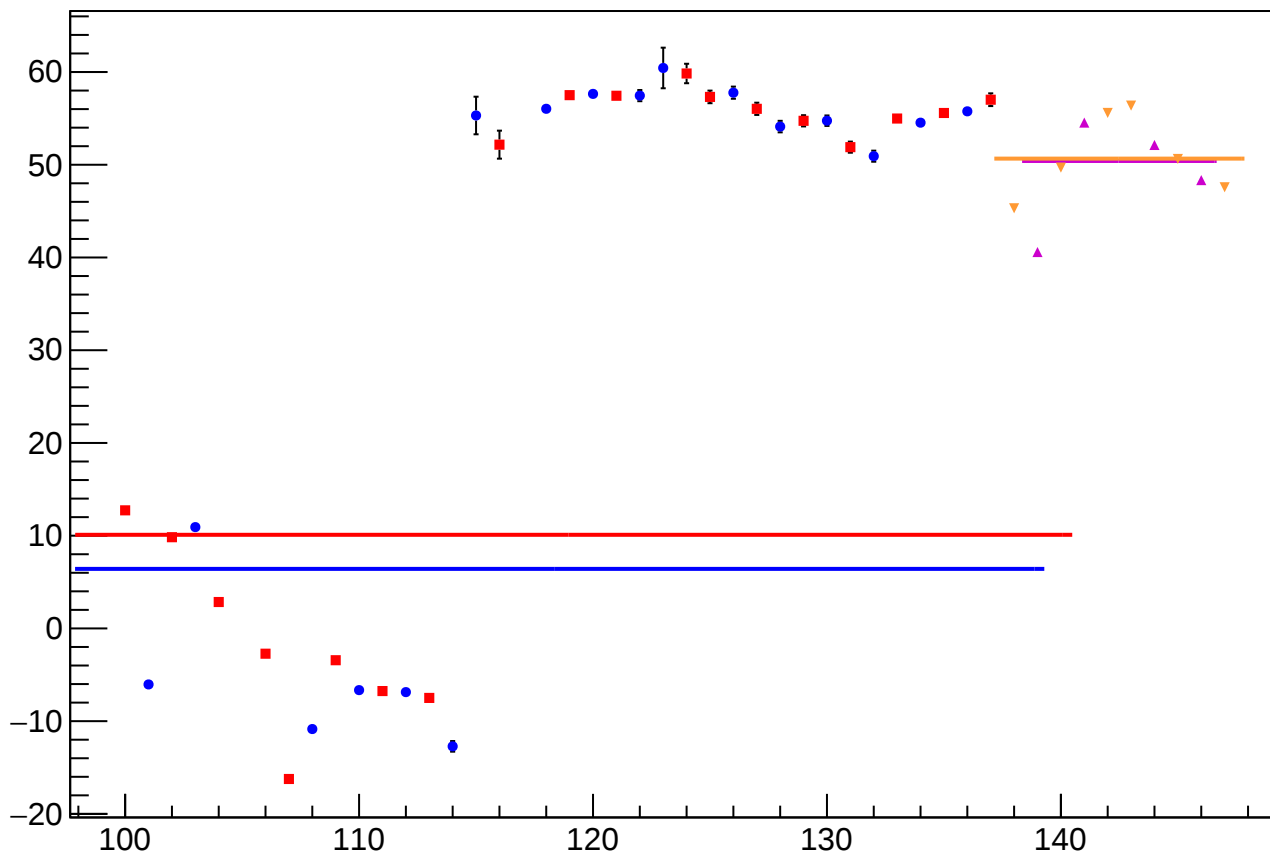
Right: 5.936 $\pm$ 0.065 χ^2 /NDF: 4125.3/35

In: 4.070 $\pm$ 0.079 χ^2 /NDF:3505.2/20

Out: 4.663 $\pm$ 0.080 χ^2 /NDF:4624.9/24

All: 4.364 $\pm$ 0.056 χ^2 /NDF: 8157.8/45

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: 50.662 ± 0.131 χ^2/NDF : 752.2/5

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 50.408 ± 0.155 χ^2/NDF : 659.3/3

Left: 50.556 ± 0.100 χ^2/NDF : 1413.0/9

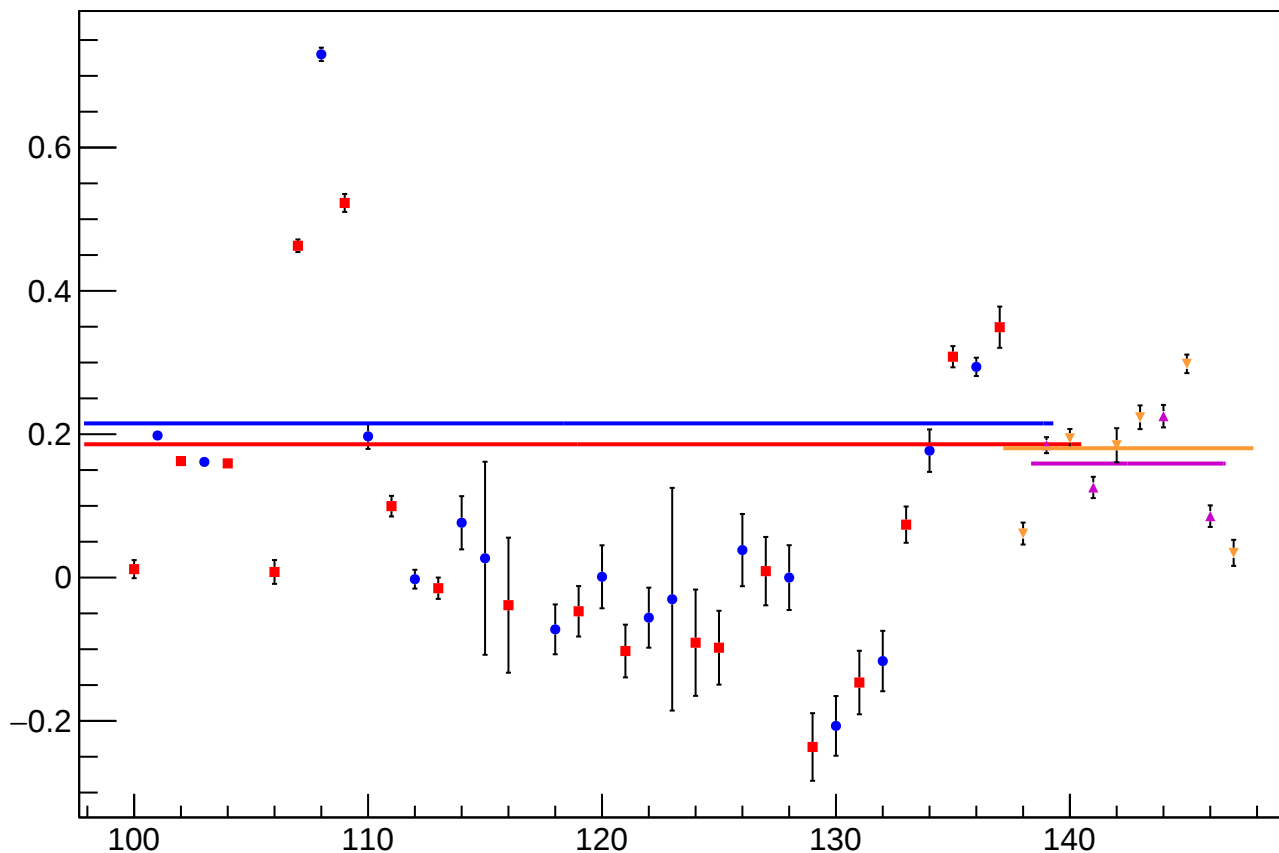
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 12.920 ± 0.060 χ^2/NDF : 191989.6/20

Out: 19.008 ± 0.062 χ^2/NDF : 197271.0/24

All: 15.873 ± 0.043 χ^2/NDF : 394295.1/45

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: 0.180 $\pm$ 0.006 χ^2 /NDF:215.1/5

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.159 $\pm$ 0.007 χ^2 /NDF:51.9/3

Left: 0.171 $\pm$ 0.005 χ^2 /NDF: 272.2/9

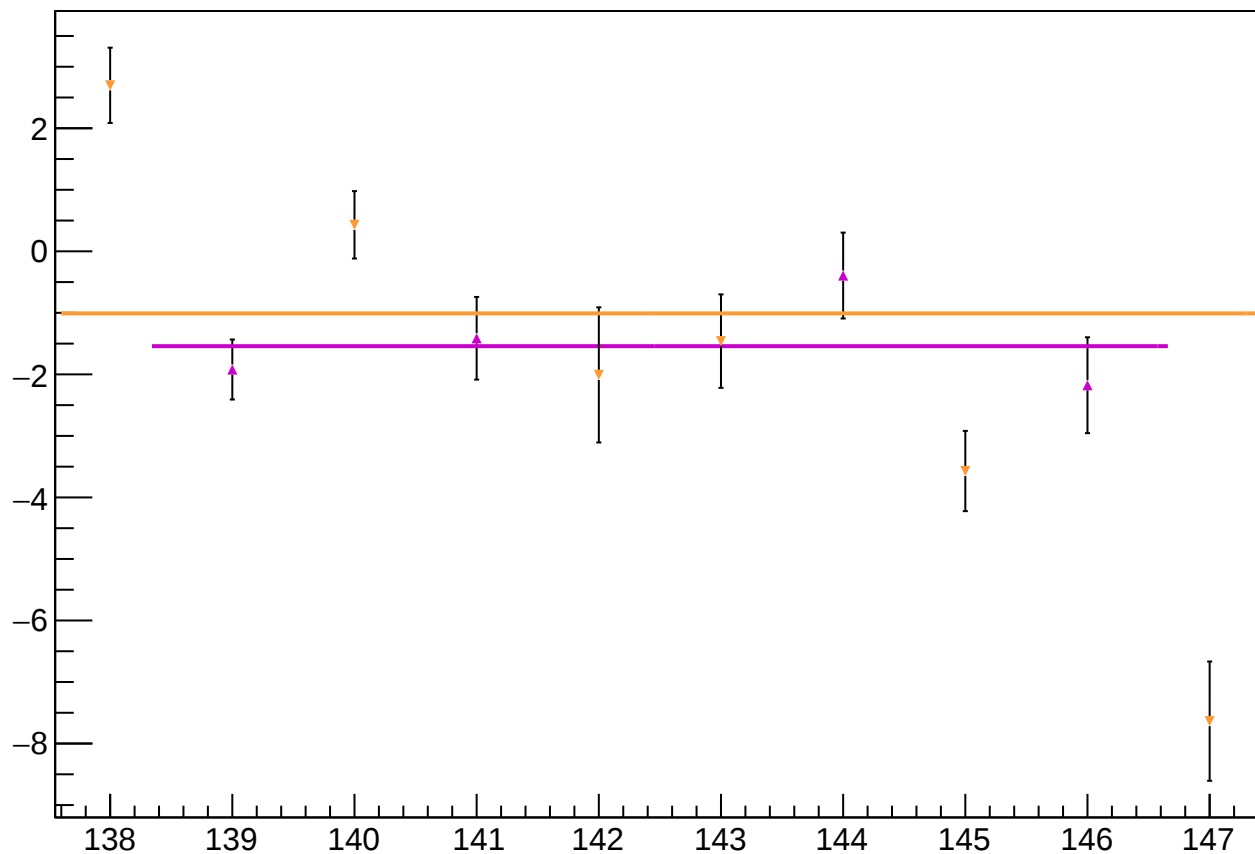
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.207 $\pm$ 0.003 χ^2 /NDF:4035.9/20

Out: 0.185 $\pm$ 0.002 χ^2 /NDF:2935.1/24

All: 0.196 $\pm$ 0.002 χ^2 /NDF: 7009.7/45

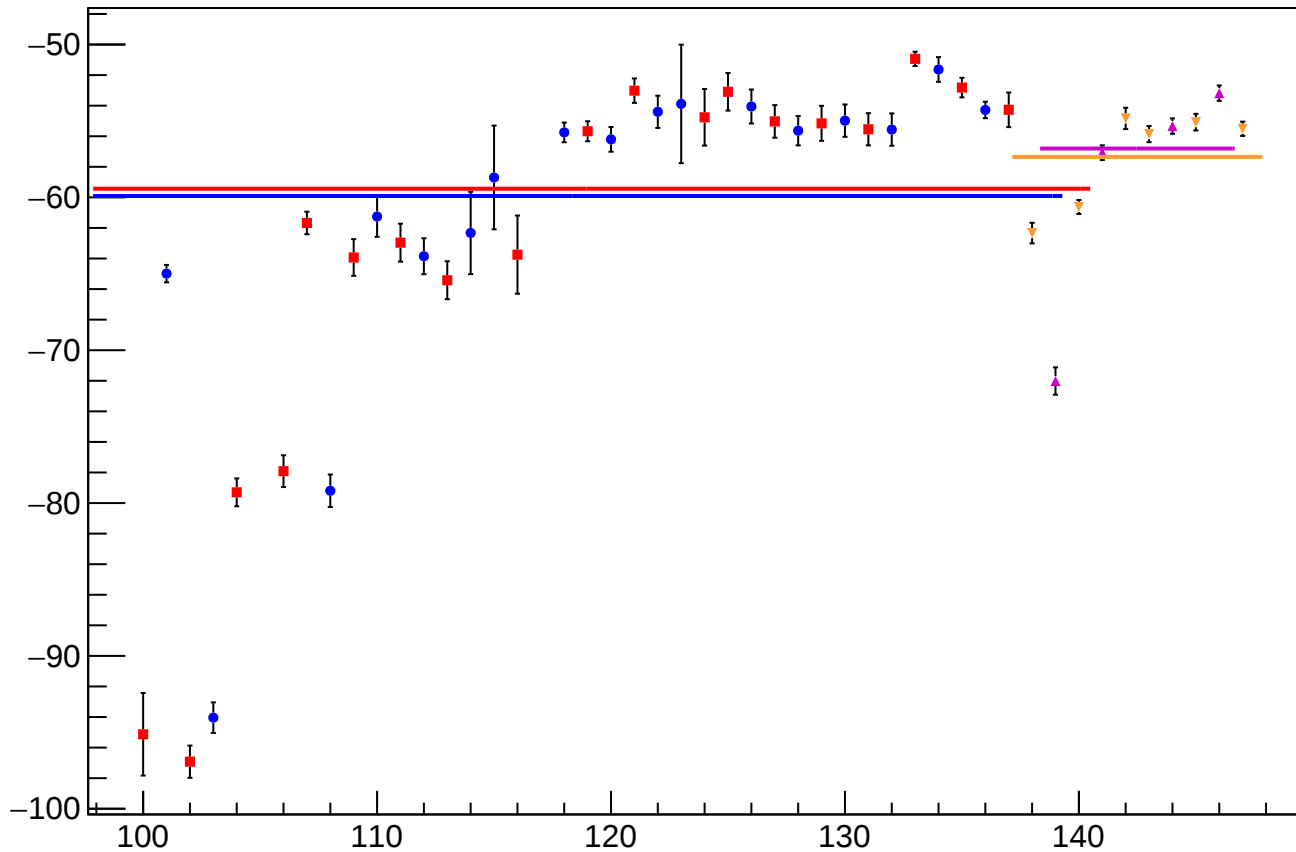
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.009+/-0.289 χ^2/NDF :106.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.542+/-0.314 χ^2/NDF :4.0/3

Left: -1.253+/-0.213 χ^2/NDF : 112.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.542+/-0.314 χ^2/NDF :4.0/3
 Out: -1.009+/-0.289 χ^2/NDF :106.9/5
 All: -1.253+/-0.213 χ^2/NDF : 112.5/9

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -57.353 ± 0.220 χ^2/NDF : 160.1/5

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -56.804 ± 0.273 χ^2/NDF : 349.7/3

Left: -57.136 ± 0.171 χ^2/NDF : 512.2/9

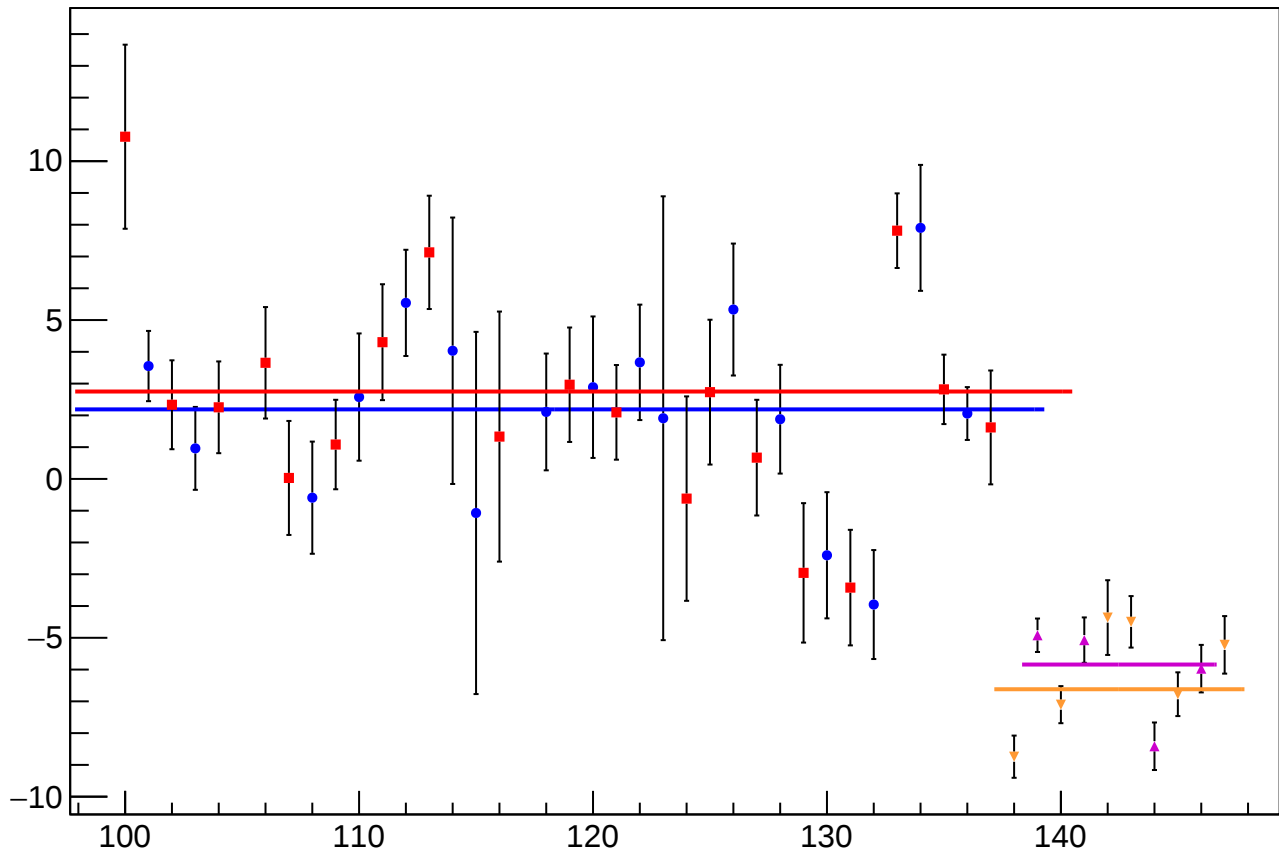
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -58.664 ± 0.173 χ^2/NDF : 2408.3/20

Out: -58.434 ± 0.153 χ^2/NDF : 3125.3/24

All: -58.535 ± 0.114 χ^2/NDF : 5534.6/45

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.619 ± 0.305 $\chi^2/\text{NDF}: 23.9/5$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -5.842 ± 0.331 $\chi^2/\text{NDF}: 16.1/3$

Left: -6.262 ± 0.224 $\chi^2/\text{NDF}: 42.9/9$

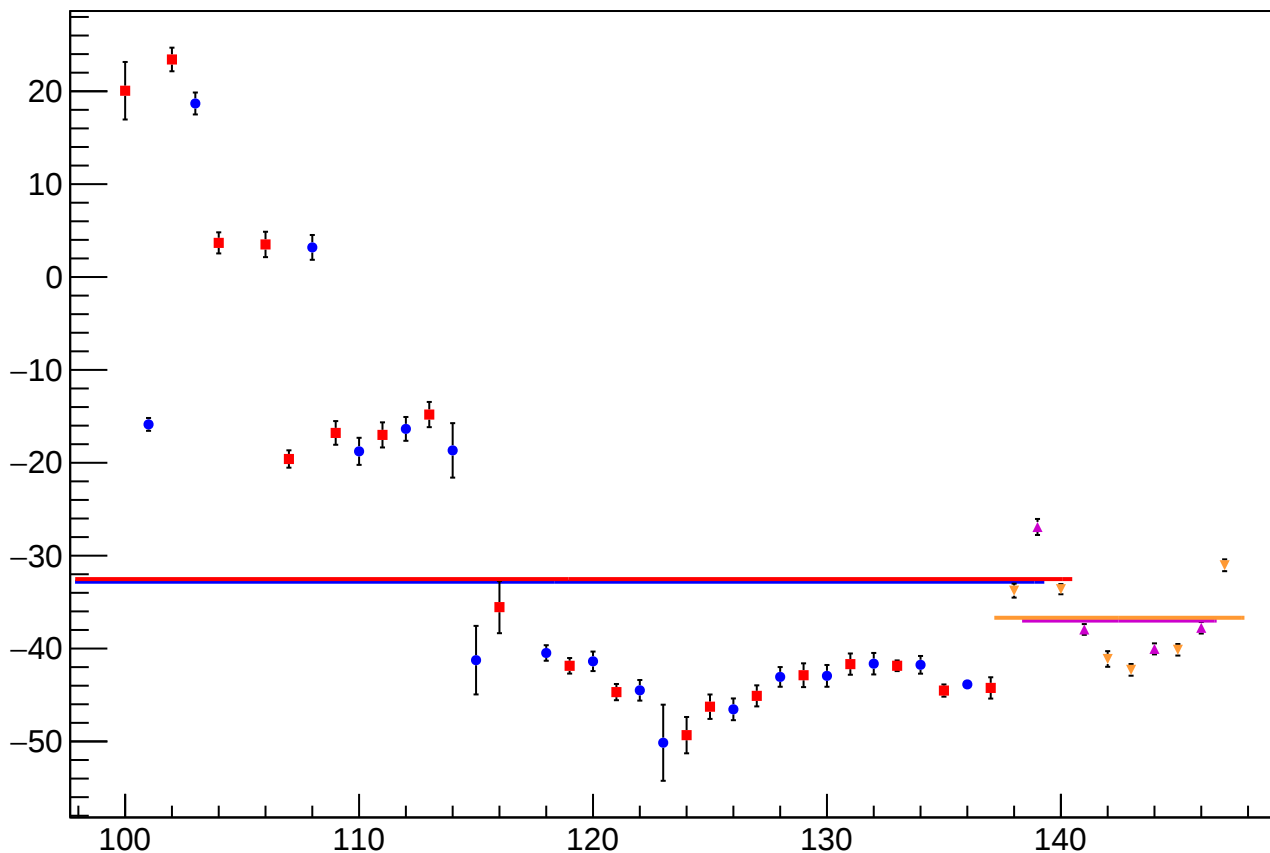
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -2.625 ± 0.256 $\chi^2/\text{NDF}: 291.3/20$

Out: -3.039 ± 0.239 $\chi^2/\text{NDF}: 444.0/24$

All: -2.846 ± 0.175 $\chi^2/\text{NDF}: 736.8/45$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -36.686 ± 0.267 χ^2/NDF : 262.7/5

Right Out: -32.522 ± 0.244 χ^2/NDF : 6040.2/18

Left In: -36.989 ± 0.320 χ^2/NDF : 167.0/3

Left: -36.811 ± 0.205 χ^2/NDF : 430.3/9

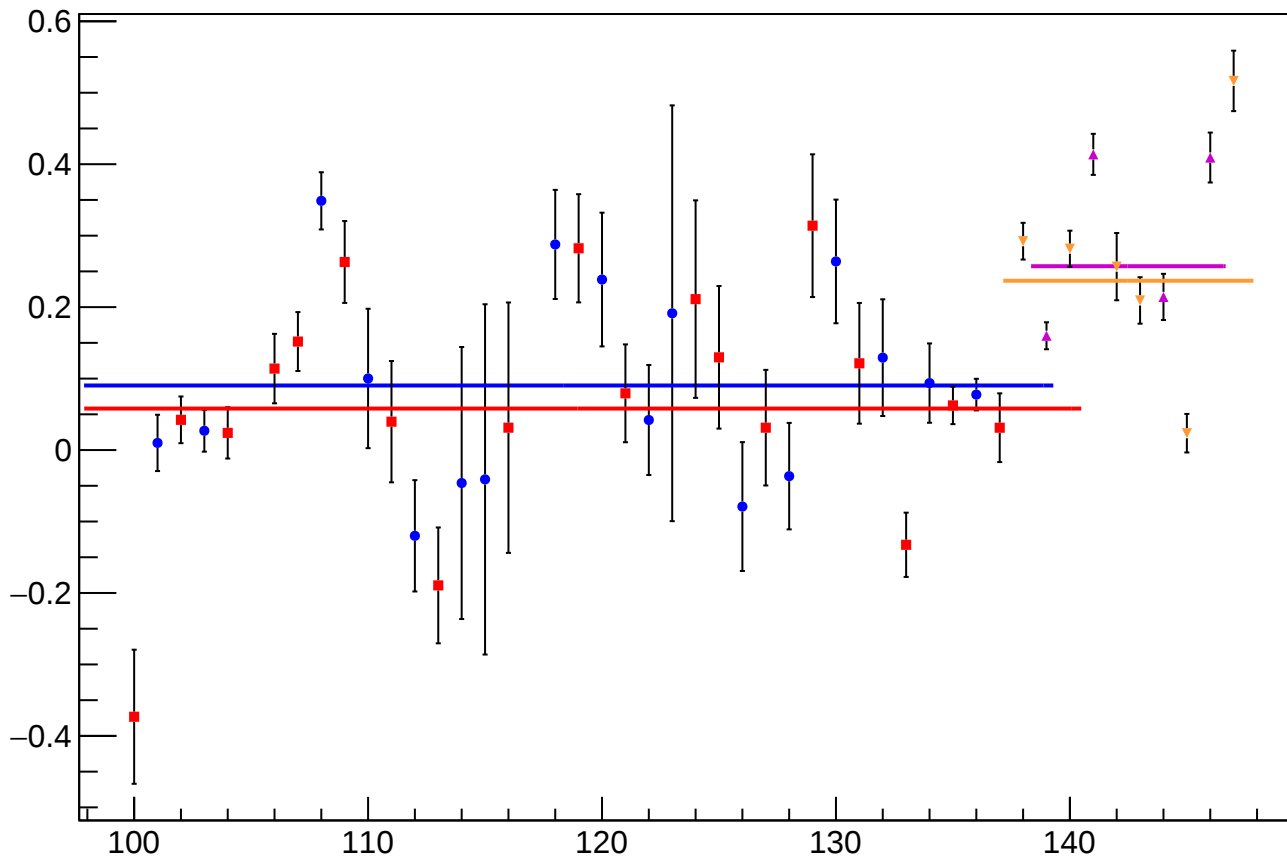
Right: -32.658 ± 0.176 χ^2/NDF : 10703.7/35

In: -34.426 ± 0.199 χ^2/NDF : 4934.6/20

Out: -34.416 ± 0.180 χ^2/NDF : 6435.8/24

All: -34.421 ± 0.133 χ^2/NDF : 11370.5/45

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.237 $\pm$ 0.012 χ^2 /NDF:115.0/5

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.257 $\pm$ 0.013 χ^2 /NDF:77.0/3

Left: 0.247 $\pm$ 0.009 χ^2 /NDF: 193.2/9

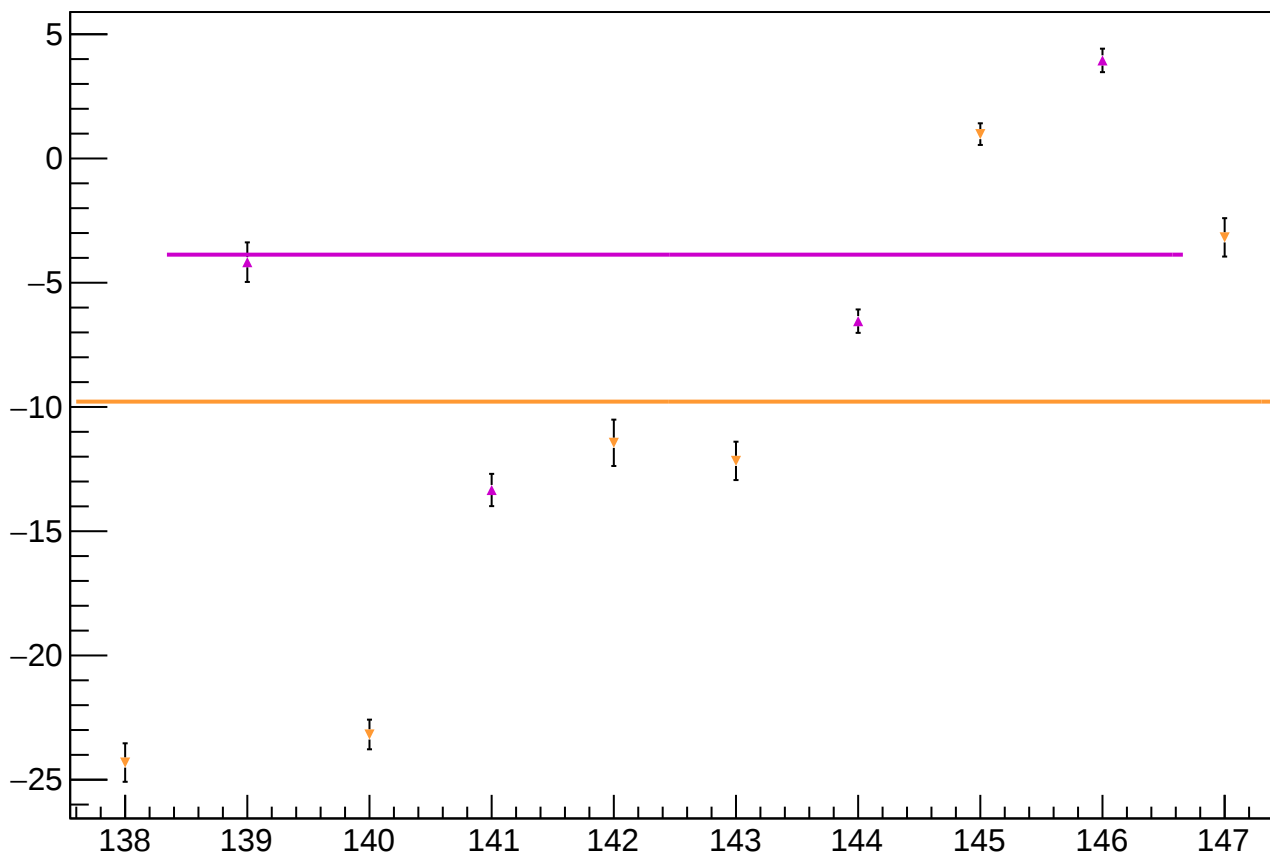
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.171 $\pm$ 0.009 χ^2 /NDF:239.7/20

Out: 0.145 $\pm$ 0.009 χ^2 /NDF:307.6/24

All: 0.157 $\pm$ 0.006 χ^2 /NDF: 551.6/45

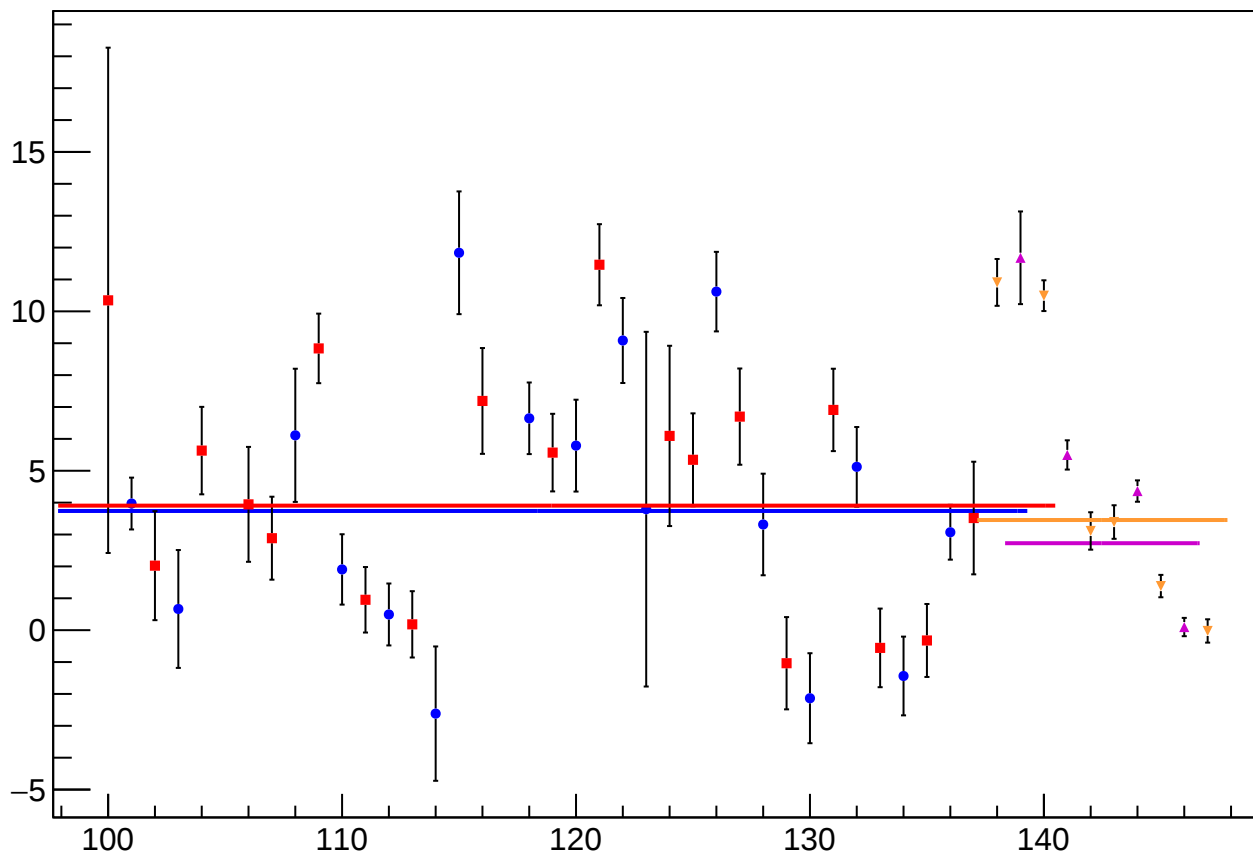
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.784+/-0.265 χ^2/NDF :1551.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.870+/-0.278 χ^2/NDF :518.8/3

Left: -6.970+/-0.192 χ^2/NDF : 2306.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.870+/-0.278 χ^2/NDF :518.8/3
 Out: -9.784+/-0.265 χ^2/NDF :1551.0/5
 All: -6.970+/-0.192 χ^2/NDF : 2306.9/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 3.455 ± 0.188 χ^2/NDF : 441.3/5

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 2.728 ± 0.195 χ^2/NDF : 182.1/3

Left: 3.105 ± 0.135 χ^2/NDF : 630.6/9

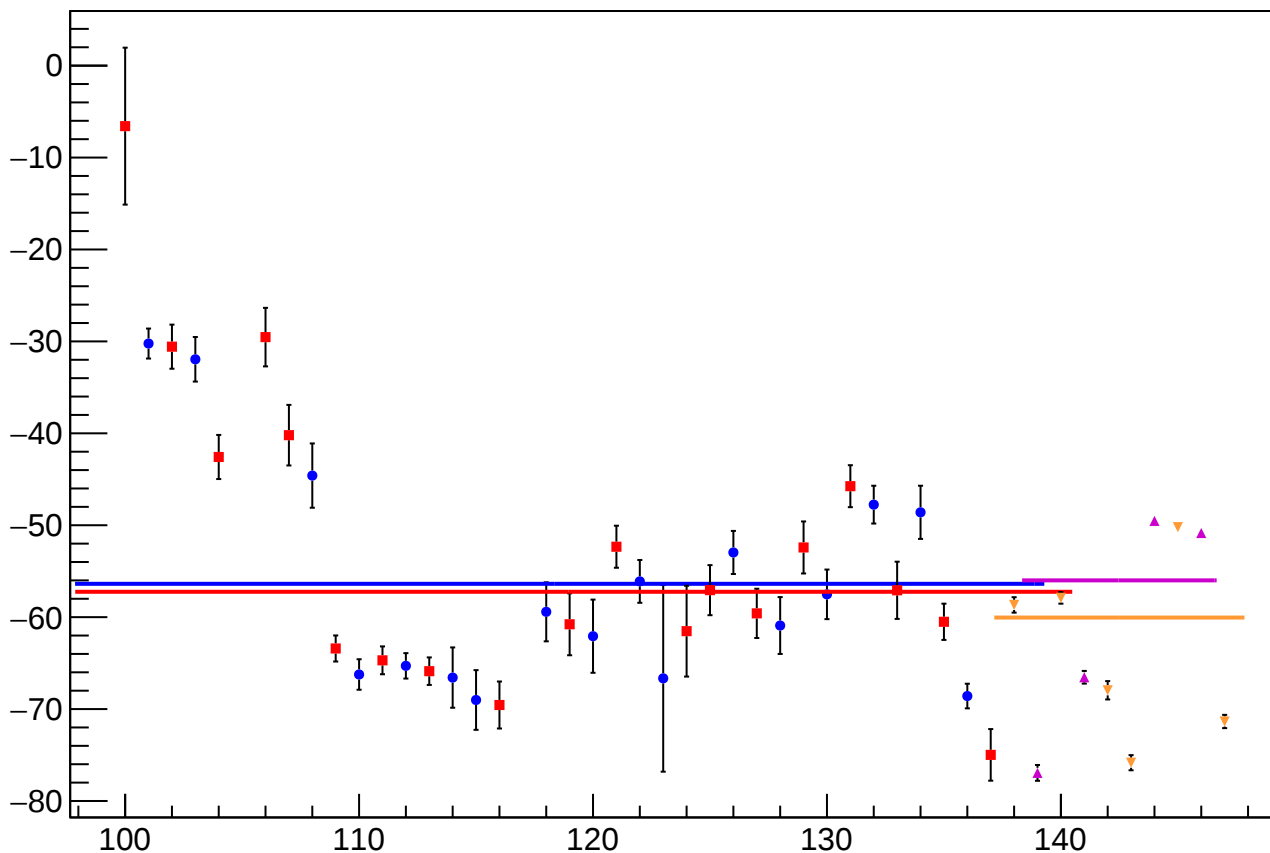
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 3.016 ± 0.165 χ^2/NDF : 326.6/20

Out: 3.573 ± 0.162 χ^2/NDF : 578.3/24

All: 3.300 ± 0.115 χ^2/NDF : 910.8/45

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: -60.042 ± 0.278 $\chi^2/\text{NDF}: 1140.5/5$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -55.998 ± 0.286 $\chi^2/\text{NDF}: 1118.4/3$

Left: -58.078 ± 0.199 $\chi^2/\text{NDF}: 2361.8/9$

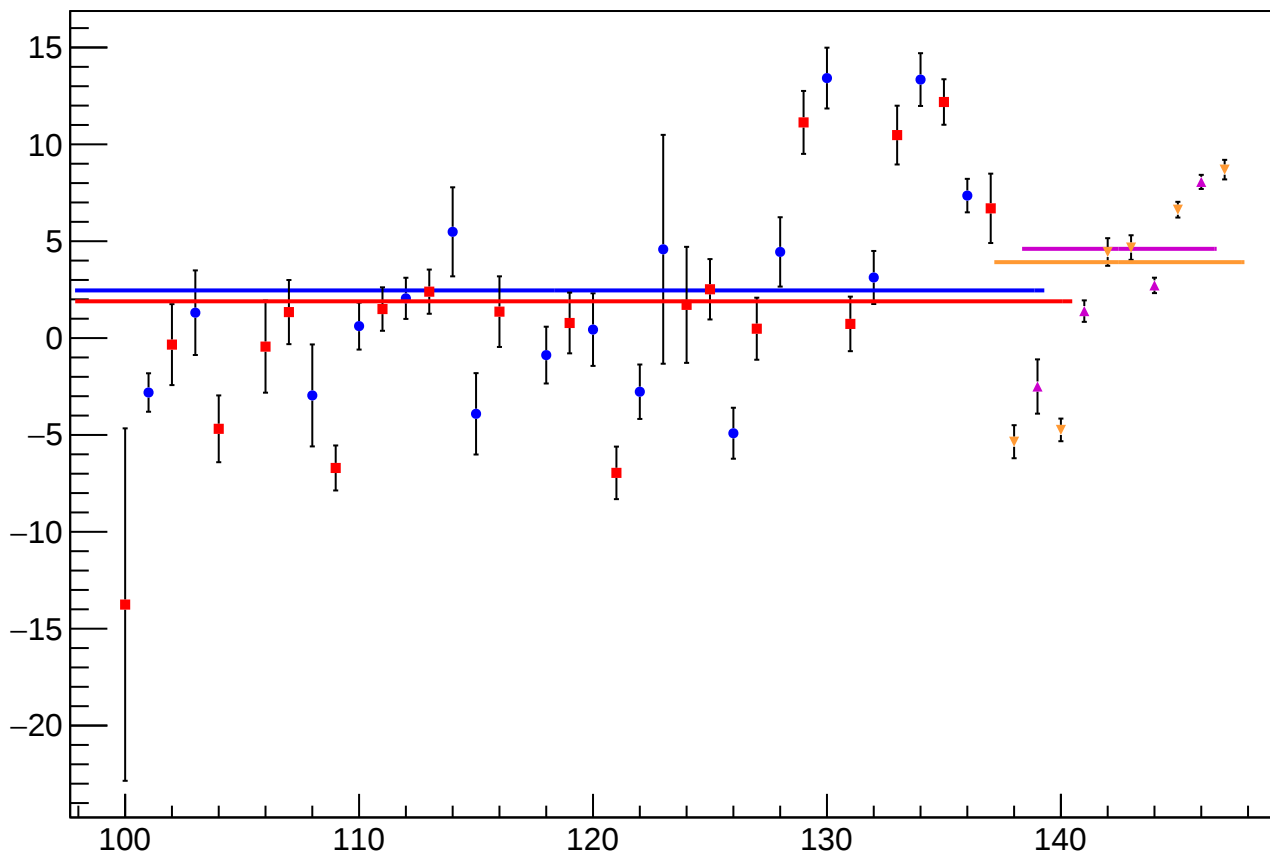
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -56.080 ± 0.253 $\chi^2/\text{NDF}: 1706.4/20$

Out: -59.448 ± 0.247 $\chi^2/\text{NDF}: 1638.4/24$

All: -57.806 ± 0.177 $\chi^2/\text{NDF}: 3435.6/45$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 3.919 $\pm$ 0.231 χ^2 /NDF:473.8/5

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 4.607 $\pm$ 0.238 χ^2 /NDF:171.7/3

Left: 4.252 $\pm$ 0.166 χ^2 /NDF: 649.7/9

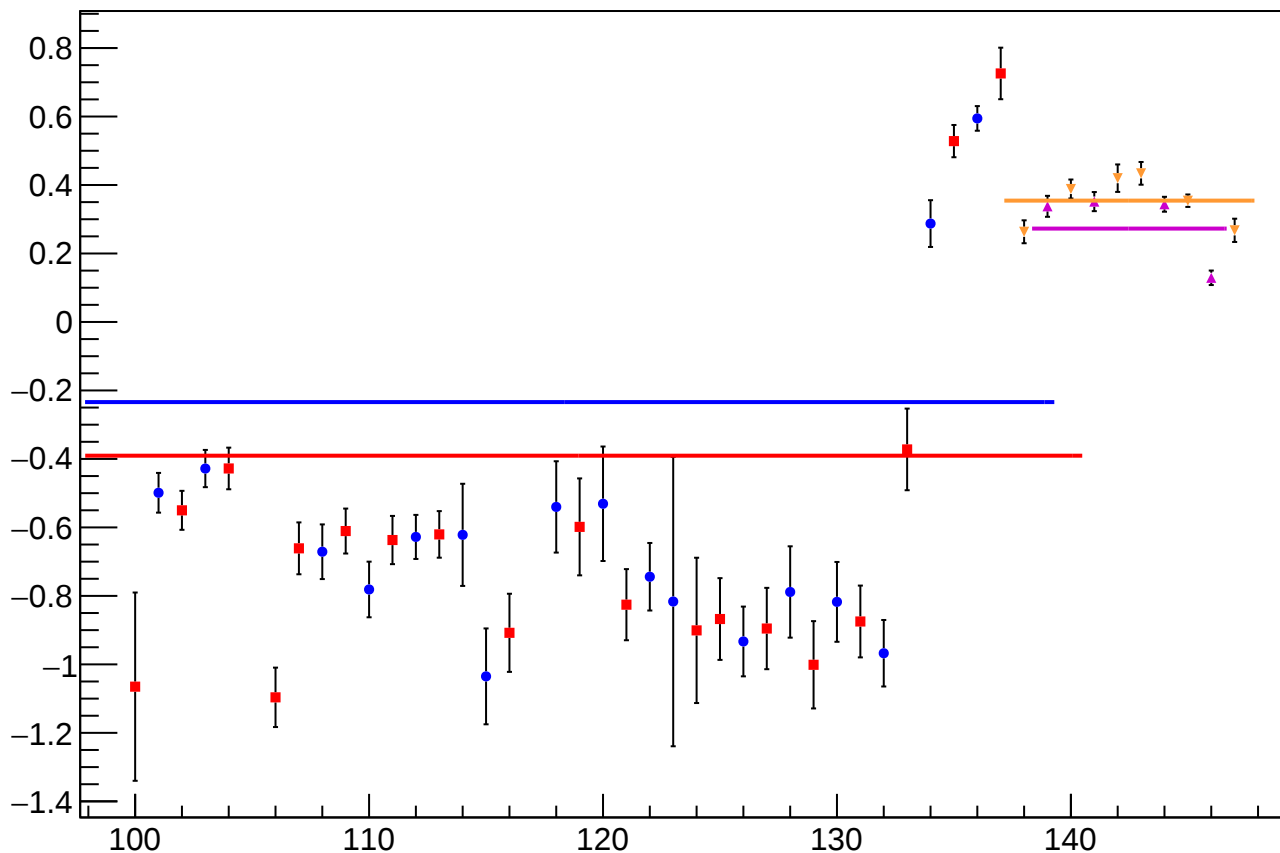
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 3.916 $\pm$ 0.196 χ^2 /NDF:441.7/20

Out: 3.318 $\pm$ 0.193 χ^2 /NDF:764.7/24

All: 3.613 $\pm$ 0.138 χ^2 /NDF: 1211.1/45

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: 0.354 ± 0.011 χ^2/NDF : 23.8/5

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.273 ± 0.012 χ^2/NDF : 69.2/3

Left: 0.316 ± 0.008 χ^2/NDF : 116.9/9

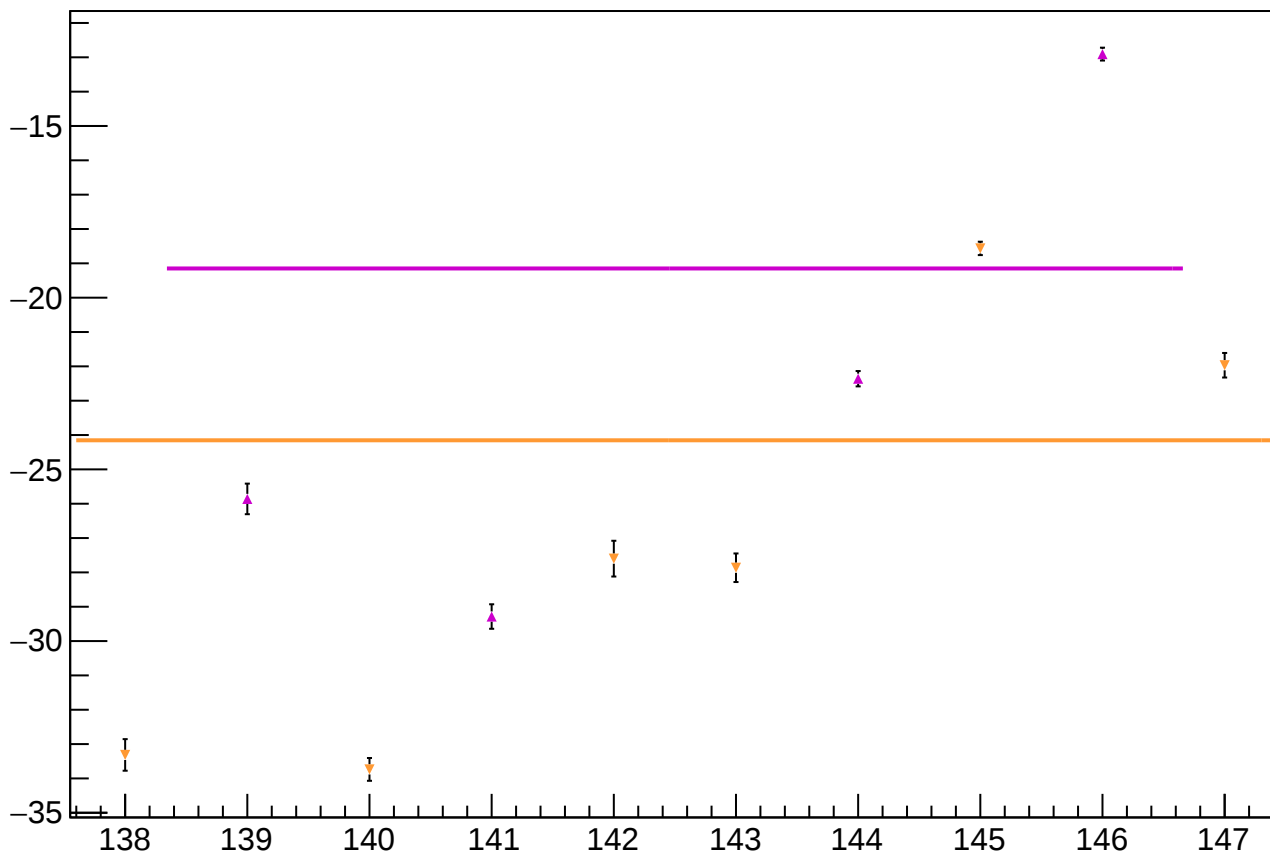
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.123 ± 0.010 χ^2/NDF : 1534.5/20

Out: 0.155 ± 0.010 χ^2/NDF : 2007.1/24

All: 0.140 ± 0.007 χ^2/NDF : 3546.7/45

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: -24.153+/-0.132 χ^2/NDF :2213.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.149+/-0.128 χ^2/NDF :2349.7/3

Left: -21.568+/-0.092 χ^2/NDF : 5306.6/9

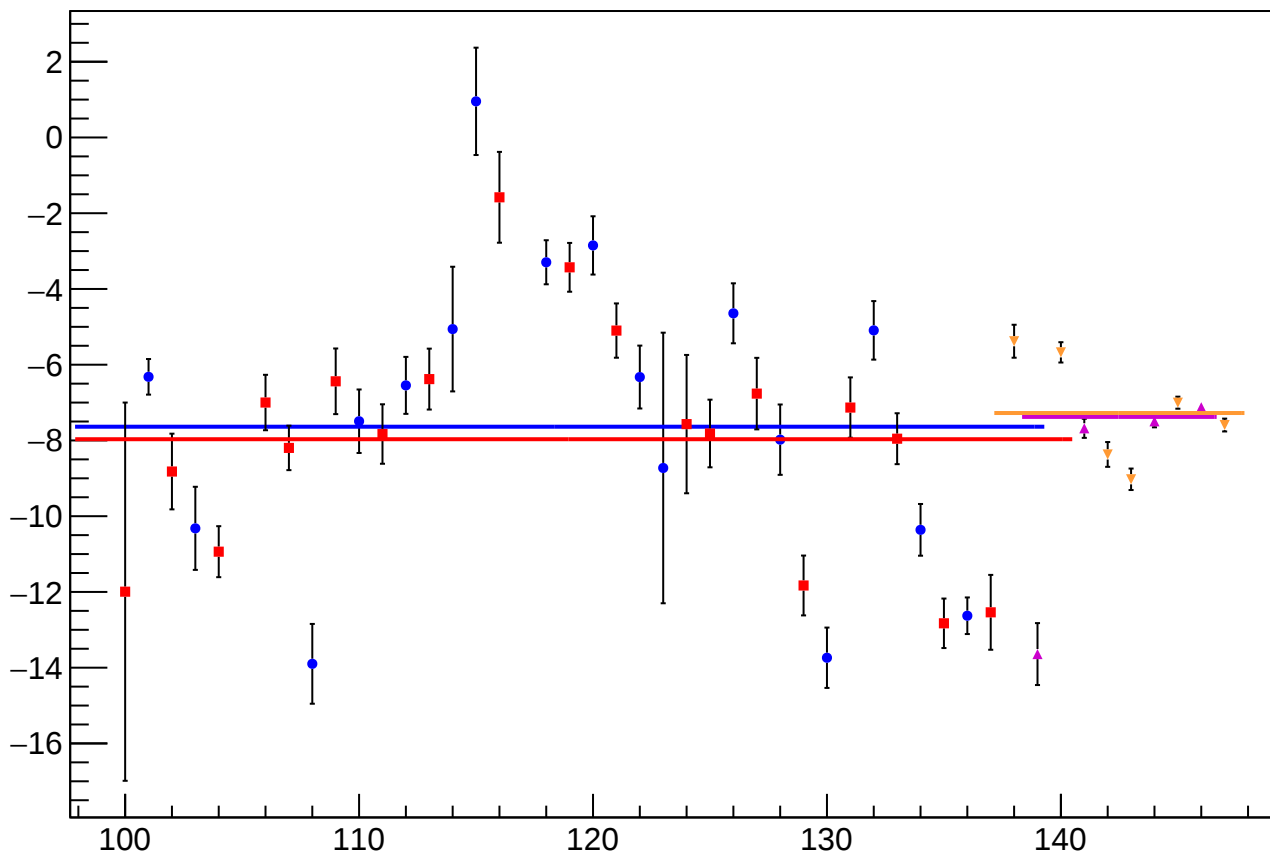
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.149+/-0.128 χ^2/NDF :2349.7/3

Out: -24.153+/-0.132 χ^2/NDF :2213.8/5

All: -21.568+/-0.092 χ^2/NDF : 5306.6/9

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: -7.276 ± 0.093 χ^2/NDF : 110.3/5

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.378 ± 0.088 χ^2/NDF : 65.4/3

Left: -7.330 ± 0.064 χ^2/NDF : 176.4/9

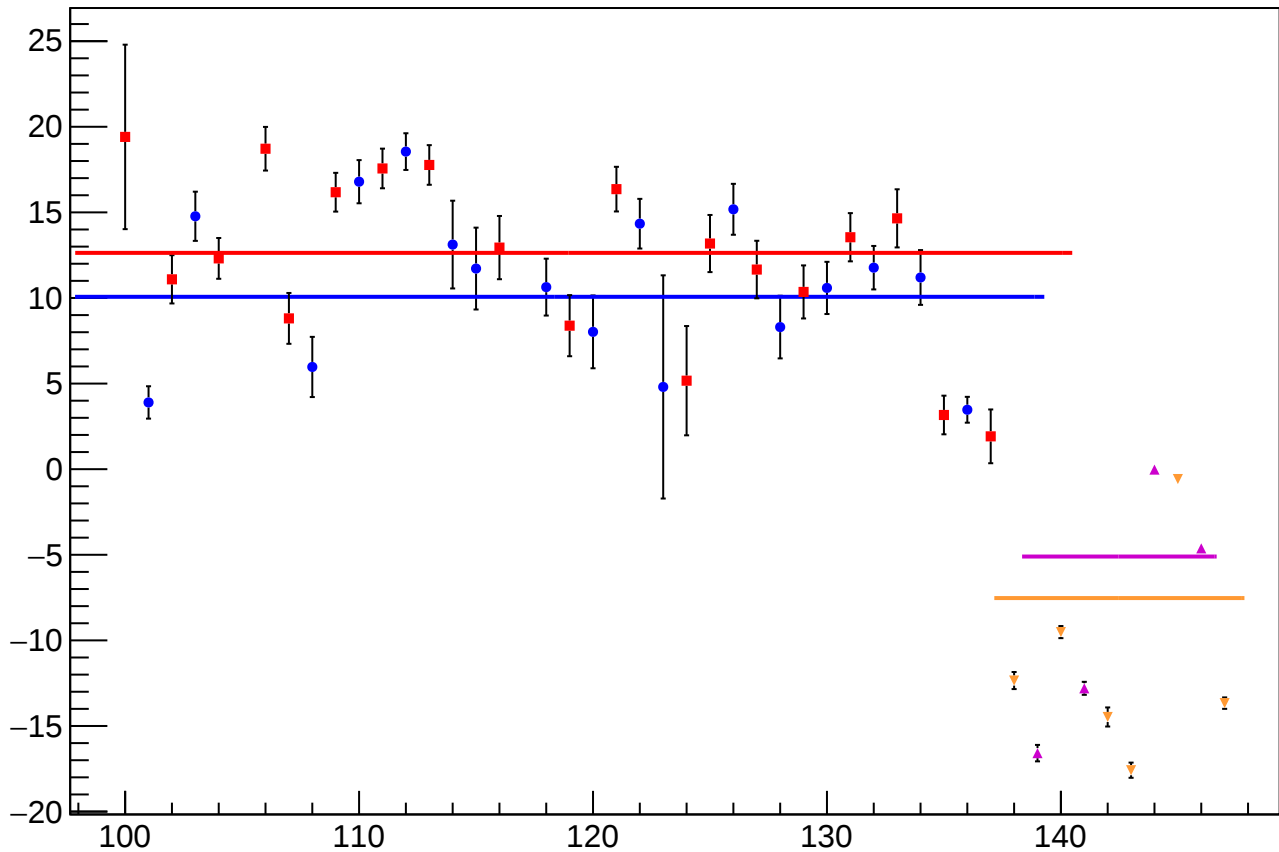
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.425 ± 0.079 χ^2/NDF : 461.0/20

Out: -7.415 ± 0.083 χ^2/NDF : 348.6/24

All: -7.420 ± 0.057 χ^2/NDF : 809.6/45

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -7.529 ± 0.138 $\chi^2/\text{NDF}: 2270.5/5$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -5.102 ± 0.130 $\chi^2/\text{NDF}: 1438.3/3$

Left: -6.244 ± 0.094 $\chi^2/\text{NDF}: 3873.5/9$

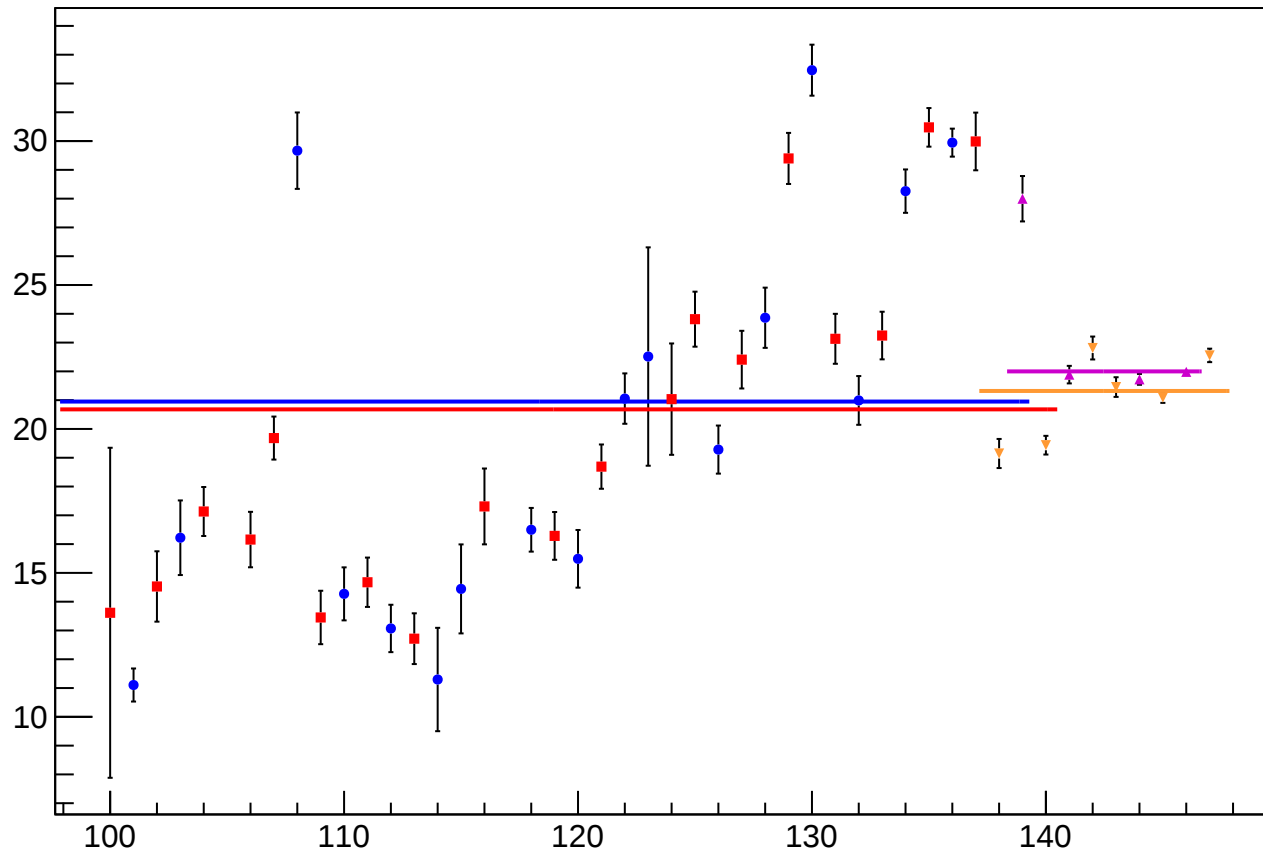
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -3.151 ± 0.121 $\chi^2/\text{NDF}: 3453.3/20$

Out: -4.582 ± 0.127 $\chi^2/\text{NDF}: 5631.6/24$

All: -3.831 ± 0.088 $\chi^2/\text{NDF}: 9151.4/45$

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: 21.320 $\pm$ 0.115 χ^2 /NDF: 95.8/5

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.999 $\pm$ 0.107 χ^2 /NDF: 60.2/3

Left: 21.681 $\pm$ 0.078 χ^2 /NDF: 174.7/9

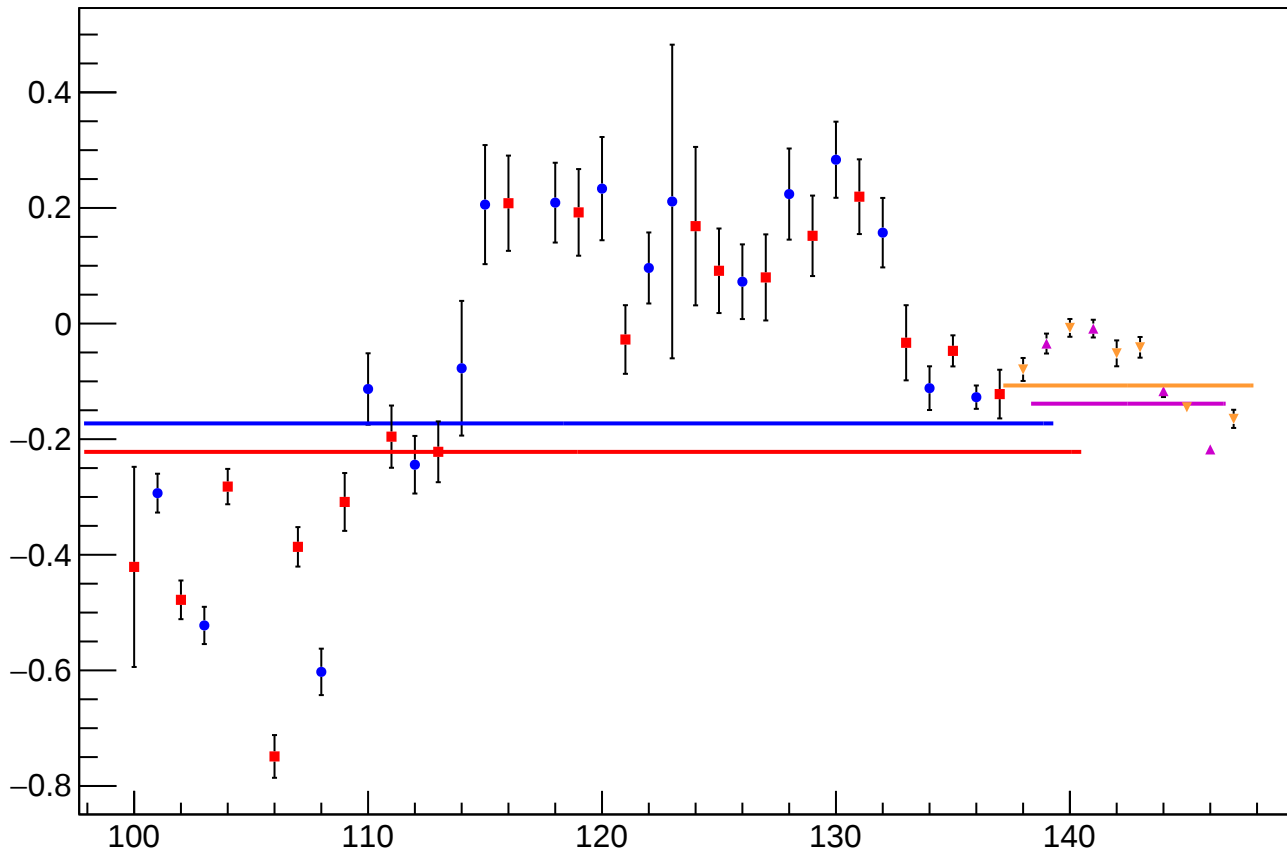
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.782 $\pm$ 0.096 χ^2 /NDF: 1302.7/20

Out: 21.176 $\pm$ 0.101 χ^2 /NDF: 831.3/24

All: 21.495 $\pm$ 0.069 χ^2 /NDF: 2153.0/45

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: -0.107 ± 0.006 χ^2/NDF : 98.8/5

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.139 ± 0.006 χ^2/NDF : 200.4/3

Left: -0.123 ± 0.004 χ^2/NDF : 314.6/9

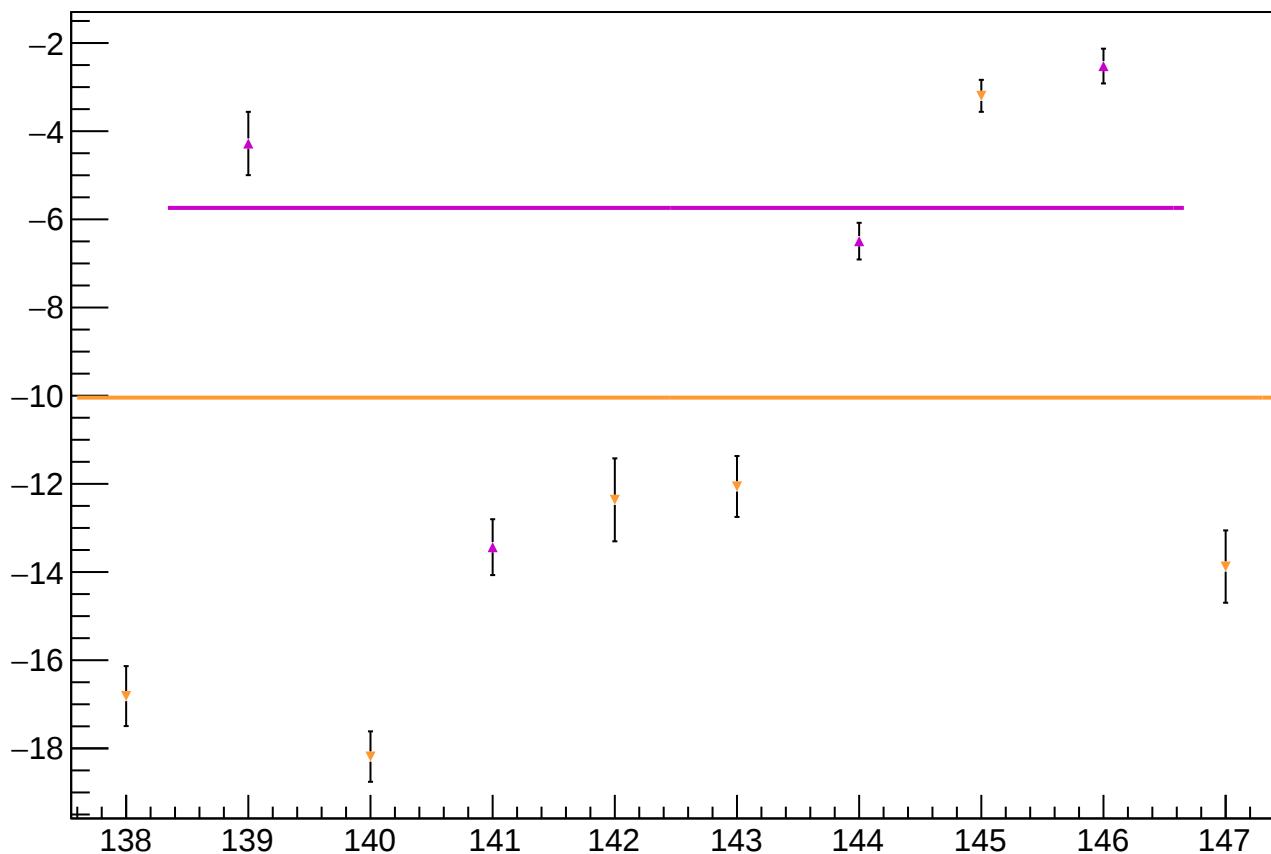
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.146 ± 0.005 χ^2/NDF : 668.2/20

Out: -0.131 ± 0.005 χ^2/NDF : 722.1/24

All: -0.138 ± 0.004 χ^2/NDF : 1394.2/45

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: -10.044+/-0.239 χ^2/NDF : 694.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.740+/-0.245 χ^2/NDF : 221.3/3

Left: -7.948+/-0.171 χ^2/NDF : 1073.7/9

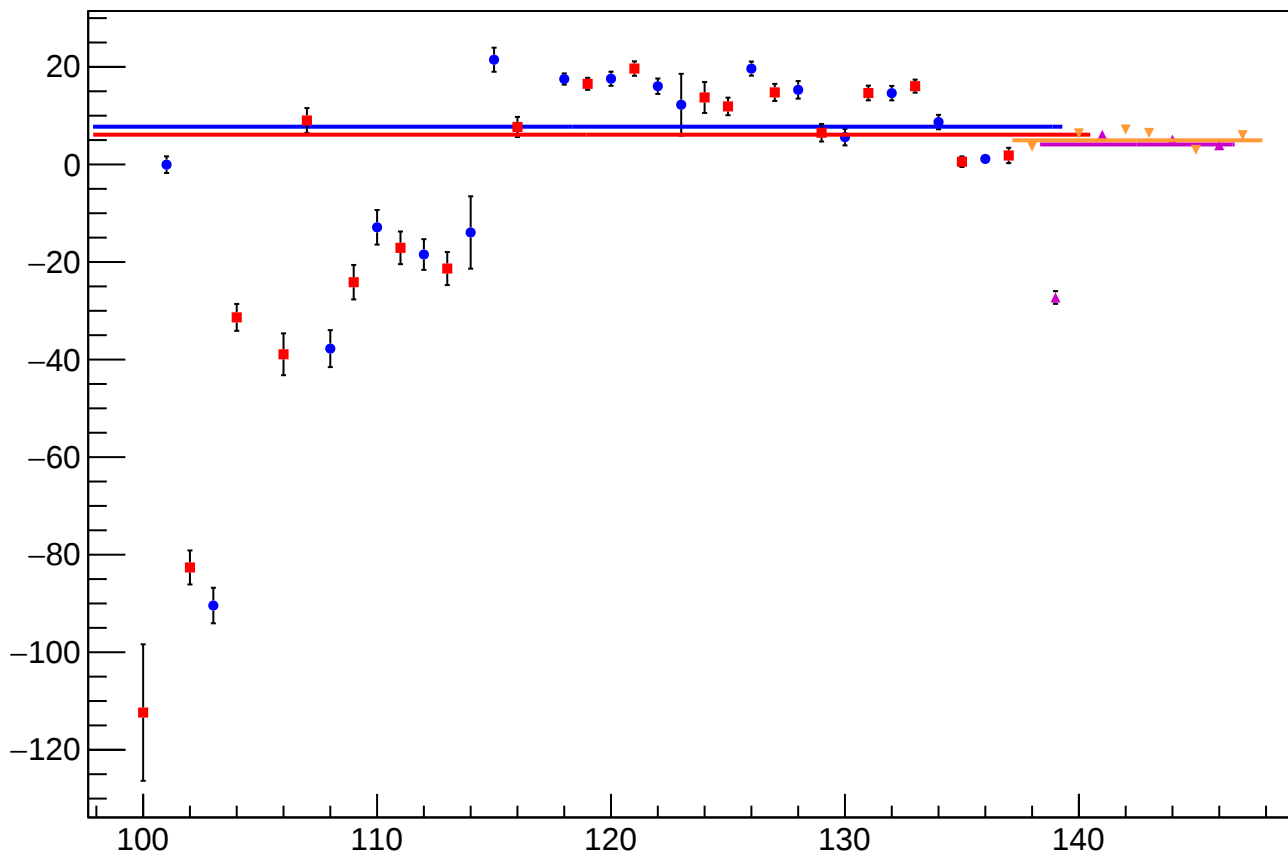
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.740+/-0.245 χ^2/NDF : 221.3/3

Out: -10.044+/-0.239 χ^2/NDF : 694.3/5

All: -7.948+/-0.171 χ^2/NDF : 1073.7/9

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: 4.948 ± 0.174 χ^2/NDF : 91.1/5

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.102 ± 0.175 χ^2/NDF : 606.7/3

Left: 4.527 ± 0.123 χ^2/NDF : 709.5/9

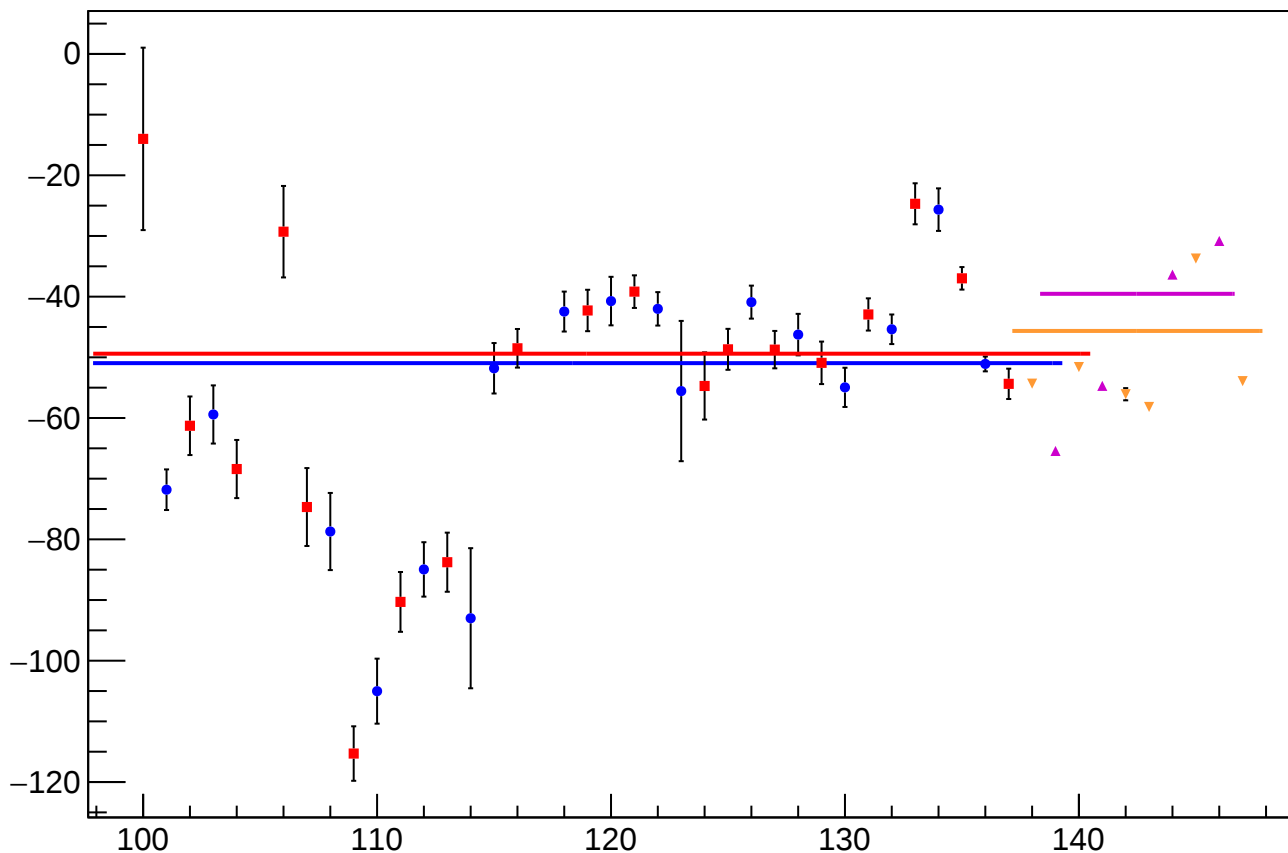
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.679 ± 0.160 χ^2/NDF : 2034.2/20

Out: 5.109 ± 0.162 χ^2/NDF : 1614.9/24

All: 4.893 ± 0.114 χ^2/NDF : 3652.7/45

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: -45.652 ± 0.252 χ^2/NDF : 1695.3/5

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -39.534 ± 0.251 χ^2/NDF : 2195.6/3

Left: -42.584 ± 0.178 χ^2/NDF : 4186.0/9

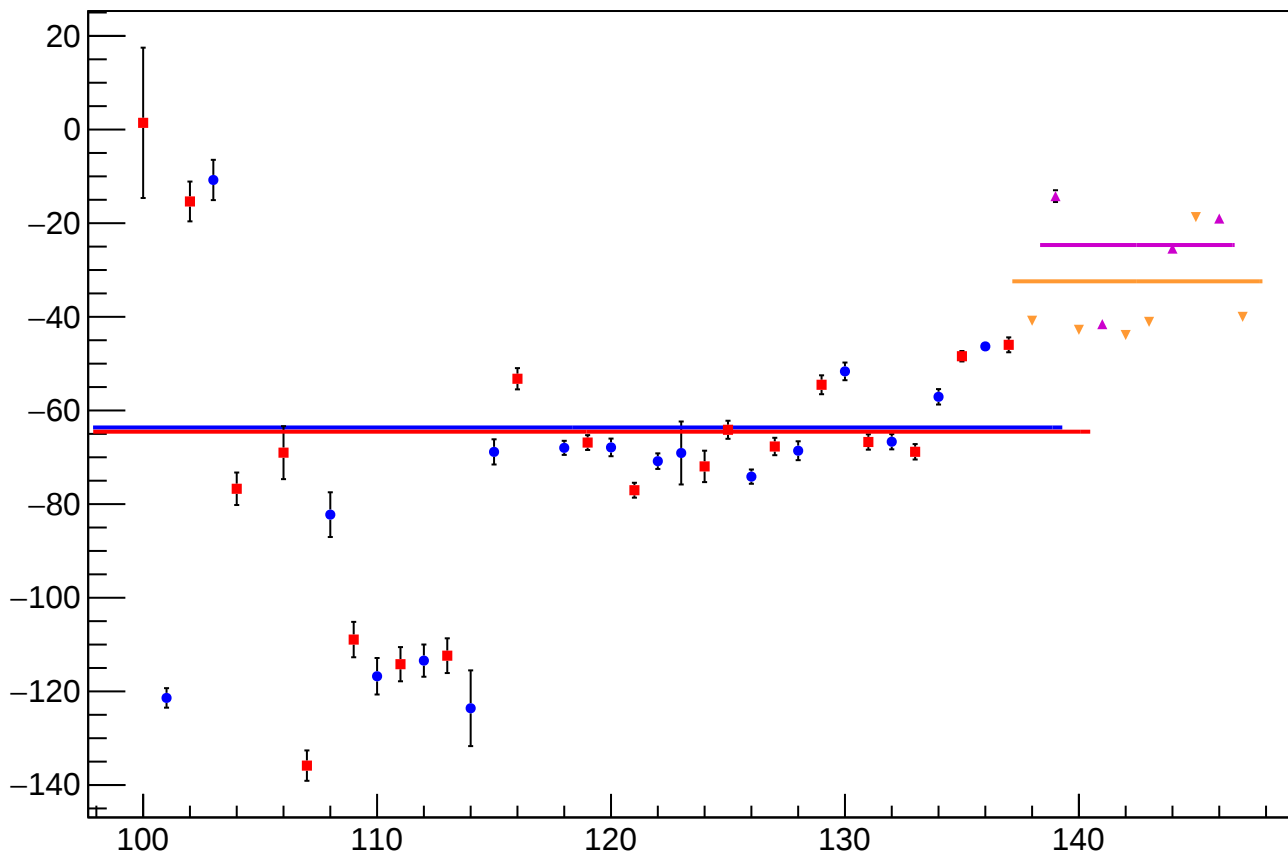
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -40.721 ± 0.238 χ^2/NDF : 2742.0/20

Out: -45.993 ± 0.240 χ^2/NDF : 2227.4/24

All: -43.331 ± 0.169 χ^2/NDF : 5212.2/45

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: -32.416 ± 0.211 χ^2/NDF : 2837.7/5

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -24.662 ± 0.212 χ^2/NDF : 1368.1/3

Left: -28.556 ± 0.150 χ^2/NDF : 4876.2/9

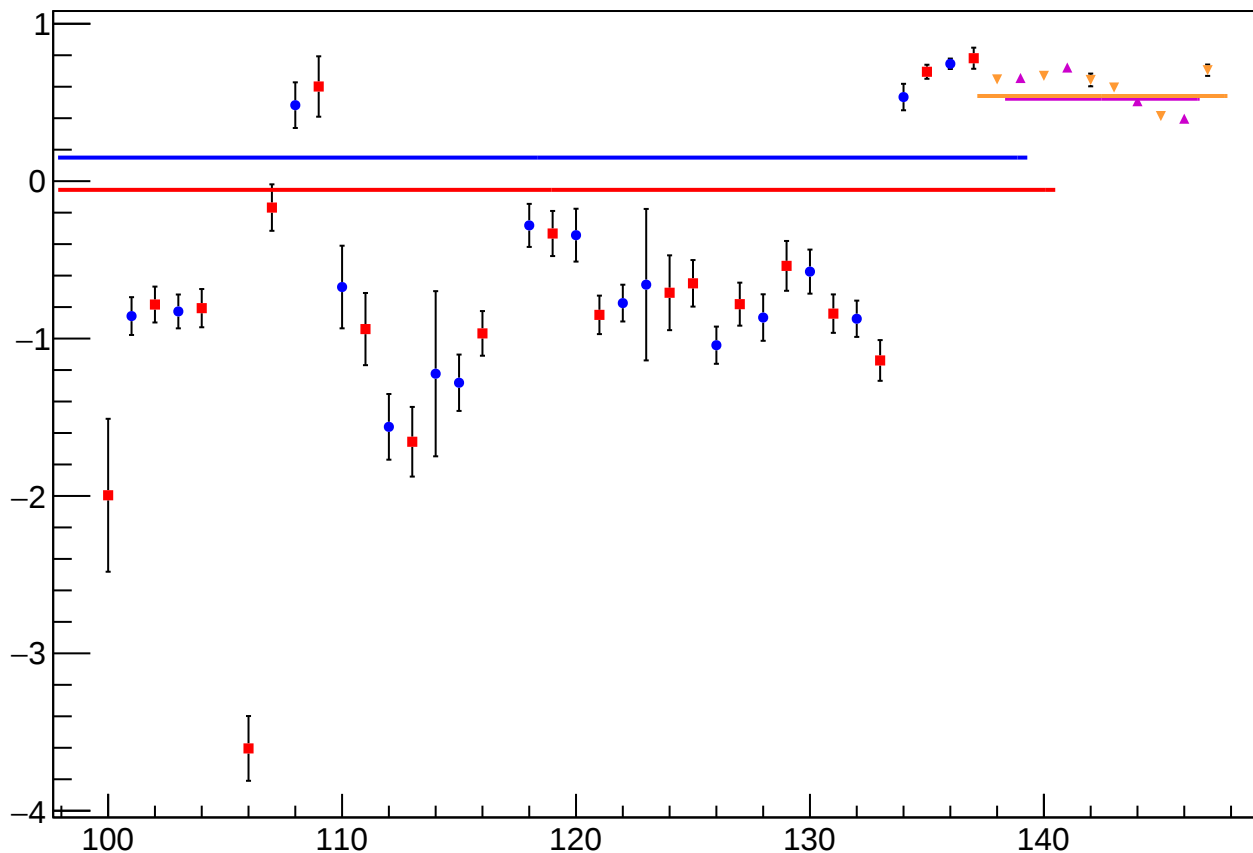
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -31.861 ± 0.192 χ^2/NDF : 9607.7/20

Out: -37.592 ± 0.194 χ^2/NDF : 8173.5/24

All: -34.699 ± 0.136 χ^2/NDF : 18224.0/45

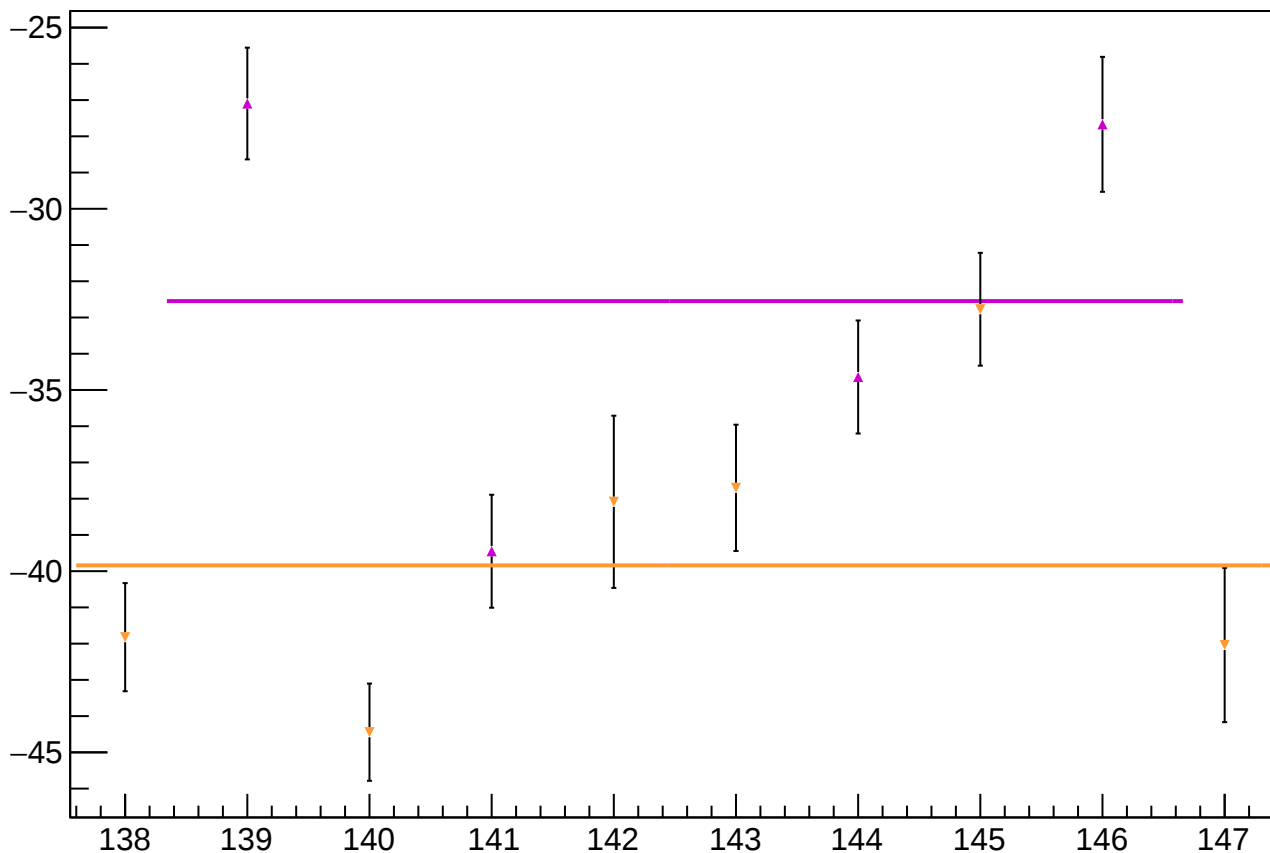
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.541 ± 0.010 χ^2/NDF : 136.7/5
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.524 ± 0.011 χ^2/NDF : 126.8/3

Left: 0.533 ± 0.007 χ^2/NDF : 264.8/9
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.460 ± 0.010 χ^2/NDF : 1317.8/20
 Out: 0.461 ± 0.010 χ^2/NDF : 1755.7/24
 All: 0.461 ± 0.007 χ^2/NDF : 3073.5/45

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: -39.840+/-0.683 χ^2/NDF : 37.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.547+/-0.808 χ^2/NDF : 40.8/3

Left: -36.801+/-0.522 χ^2/NDF : 125.6/9

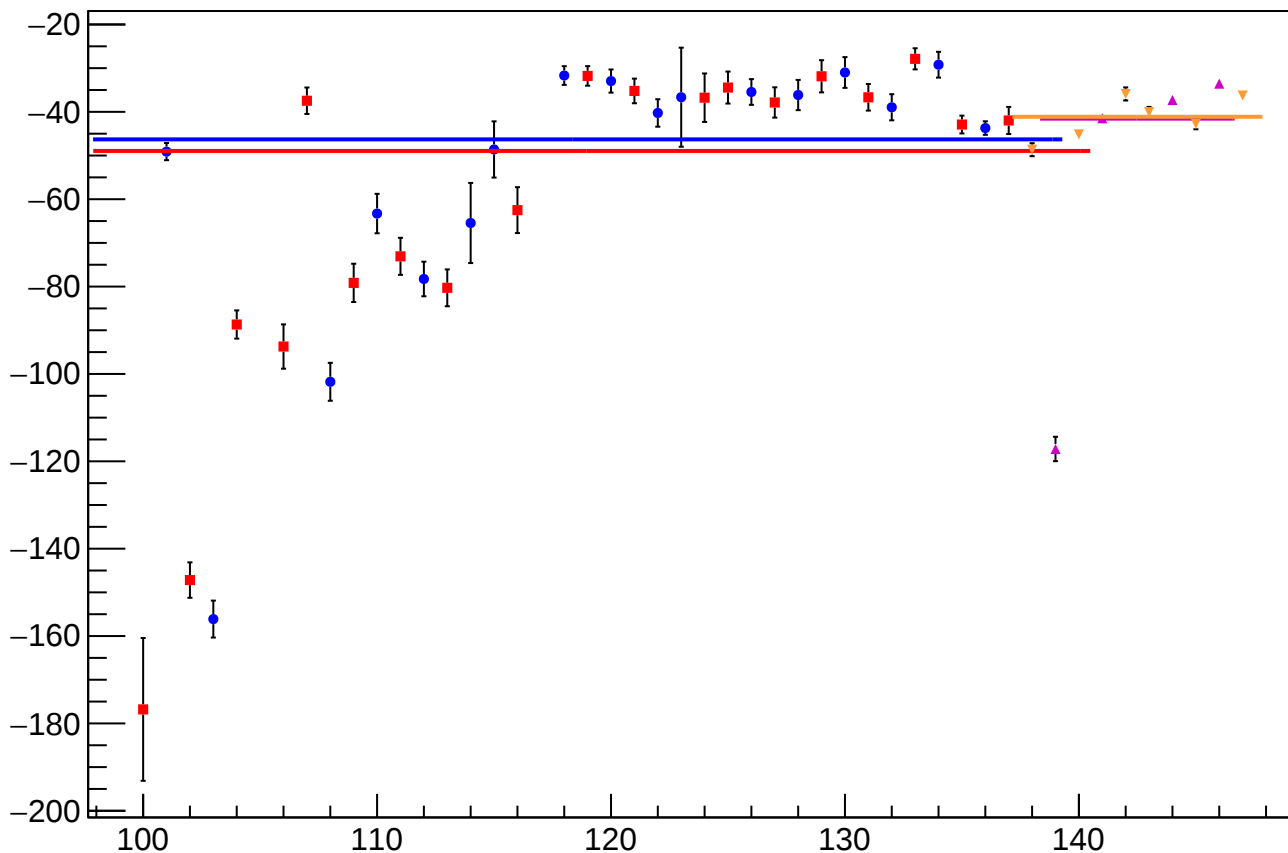
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.547+/-0.808 χ^2/NDF : 40.8/3

Out: -39.840+/-0.683 χ^2/NDF : 37.3/5

All: -36.801+/-0.522 χ^2/NDF : 125.6/9

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -41.126 ± 0.499 χ^2/NDF : 76.7/5

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -41.557 ± 0.630 χ^2/NDF : 797.8/3

Left: -41.292 ± 0.391 χ^2/NDF : 874.8/9

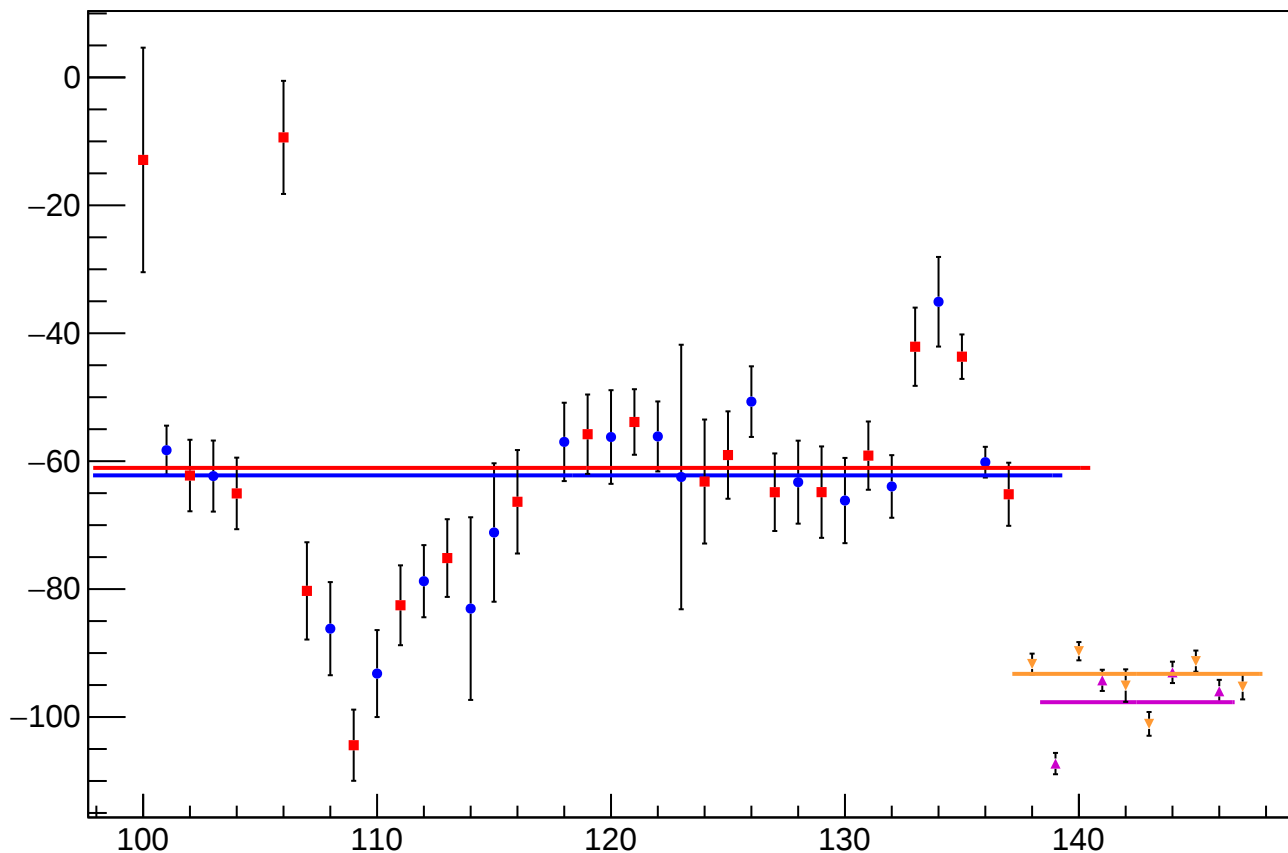
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -43.604 ± 0.475 χ^2/NDF : 1906.2/20

Out: -43.468 ± 0.417 χ^2/NDF : 1424.0/24

All: -43.527 ± 0.314 χ^2/NDF : 3330.2/45

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: -93.254 ± 0.719 χ^2/NDF : 27.7/5

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -97.682 ± 0.846 χ^2/NDF : 46.1/3

Left: -95.110 ± 0.548 χ^2/NDF : 89.7/9

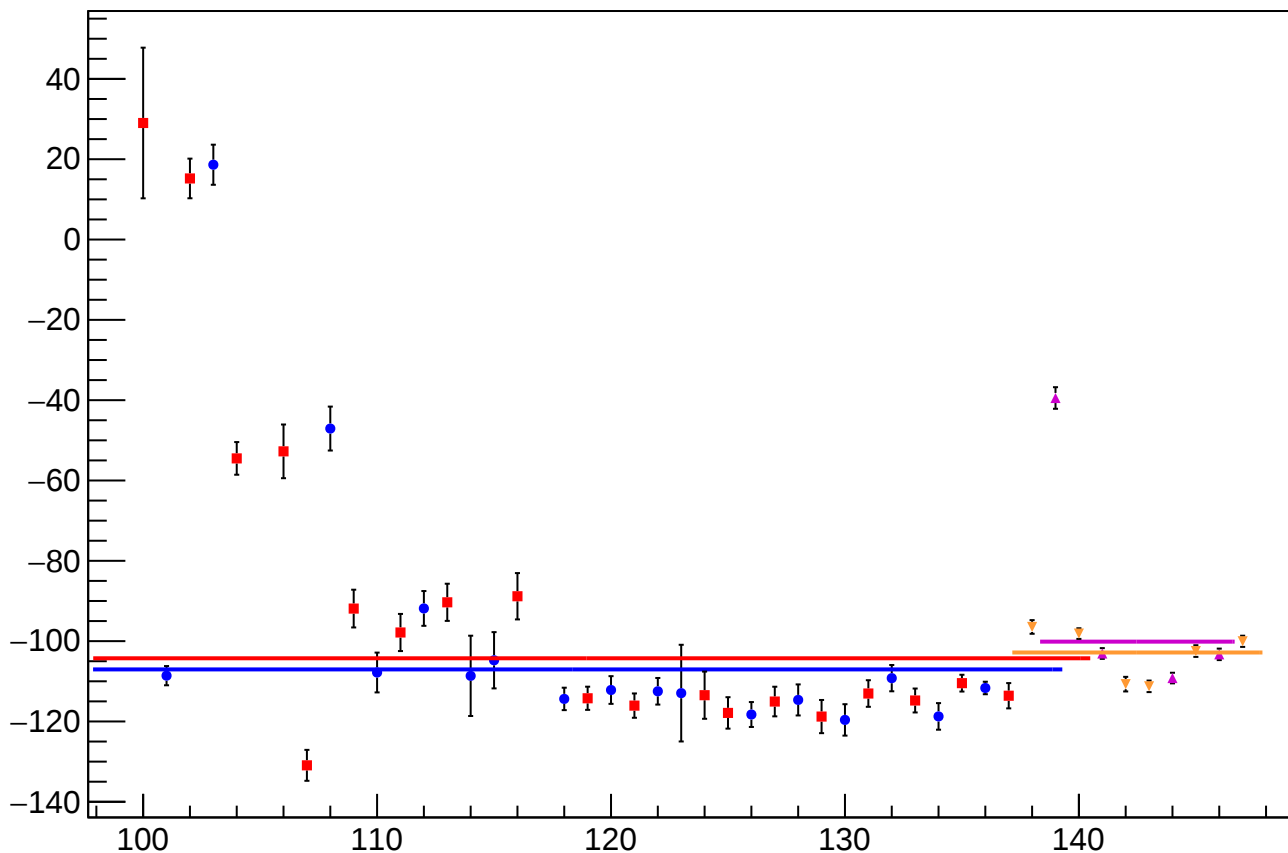
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -87.260 ± 0.711 χ^2/NDF : 629.5/20

Out: -86.366 ± 0.638 χ^2/NDF : 622.7/24

All: -86.765 ± 0.475 χ^2/NDF : 1253.0/45

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 $\pm$ 0.812 χ^2 /NDF: 827.8/16

Left Out: -102.827 $\pm$ 0.610 χ^2 /NDF:83.8/5

Right Out: -104.269 $\pm$ 0.860 χ^2 /NDF: 1018.0/18

Left In: -100.125 $\pm$ 0.754 χ^2 /NDF:565.9/3

Left: -101.758 $\pm$ 0.474 χ^2 /NDF: 657.4/9

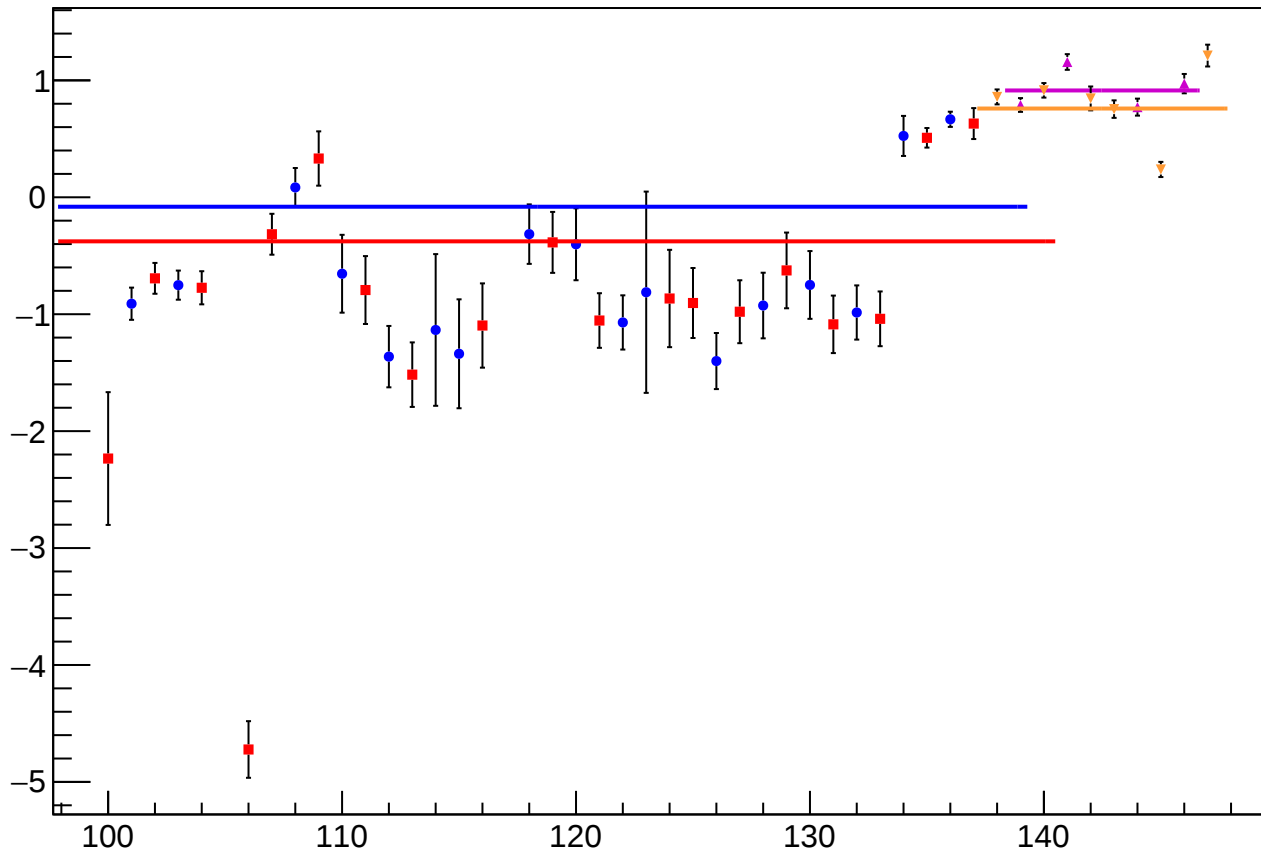
Right: -105.733 $\pm$ 0.590 χ^2 /NDF: 1851.4/35

In: -103.326 $\pm$ 0.553 χ^2 /NDF:1432.7/20

Out: -103.310 $\pm$ 0.498 χ^2 /NDF:1103.7/24

All: -103.317 $\pm$ 0.370 χ^2 /NDF: 2536.3/45

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: 0.759 ± 0.030 χ^2/NDF : 97.5/5

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.914 ± 0.034 χ^2/NDF : 22.0/3

Left: 0.825 ± 0.022 χ^2/NDF : 131.1/9

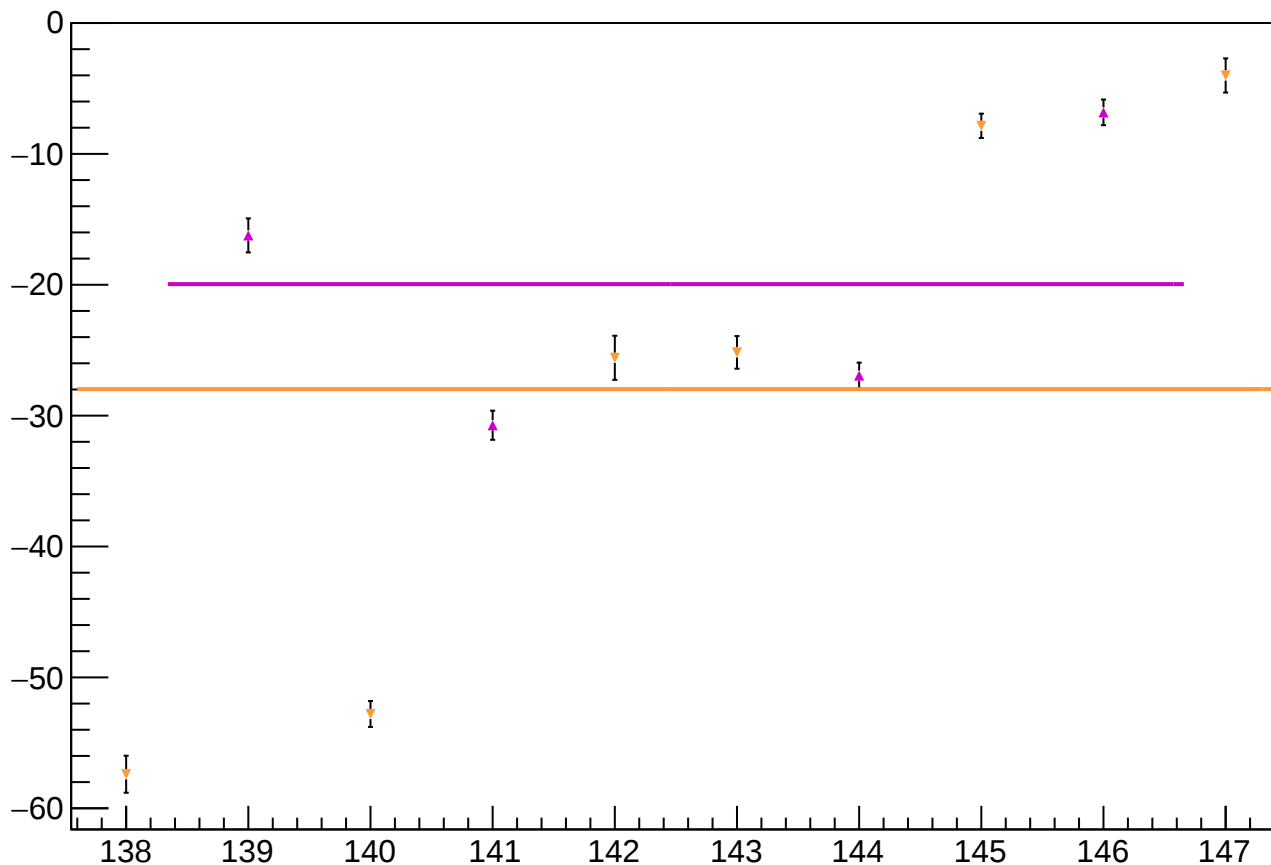
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.517 ± 0.027 χ^2/NDF : 684.8/20

Out: 0.401 ± 0.025 χ^2/NDF : 1140.3/24

All: 0.455 ± 0.018 χ^2/NDF : 1835.3/45

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: -27.975+/-0.484 χ^2/NDF :1873.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.950+/-0.537 χ^2/NDF :331.6/3

Left: -24.374+/-0.360 χ^2/NDF : 2328.6/9

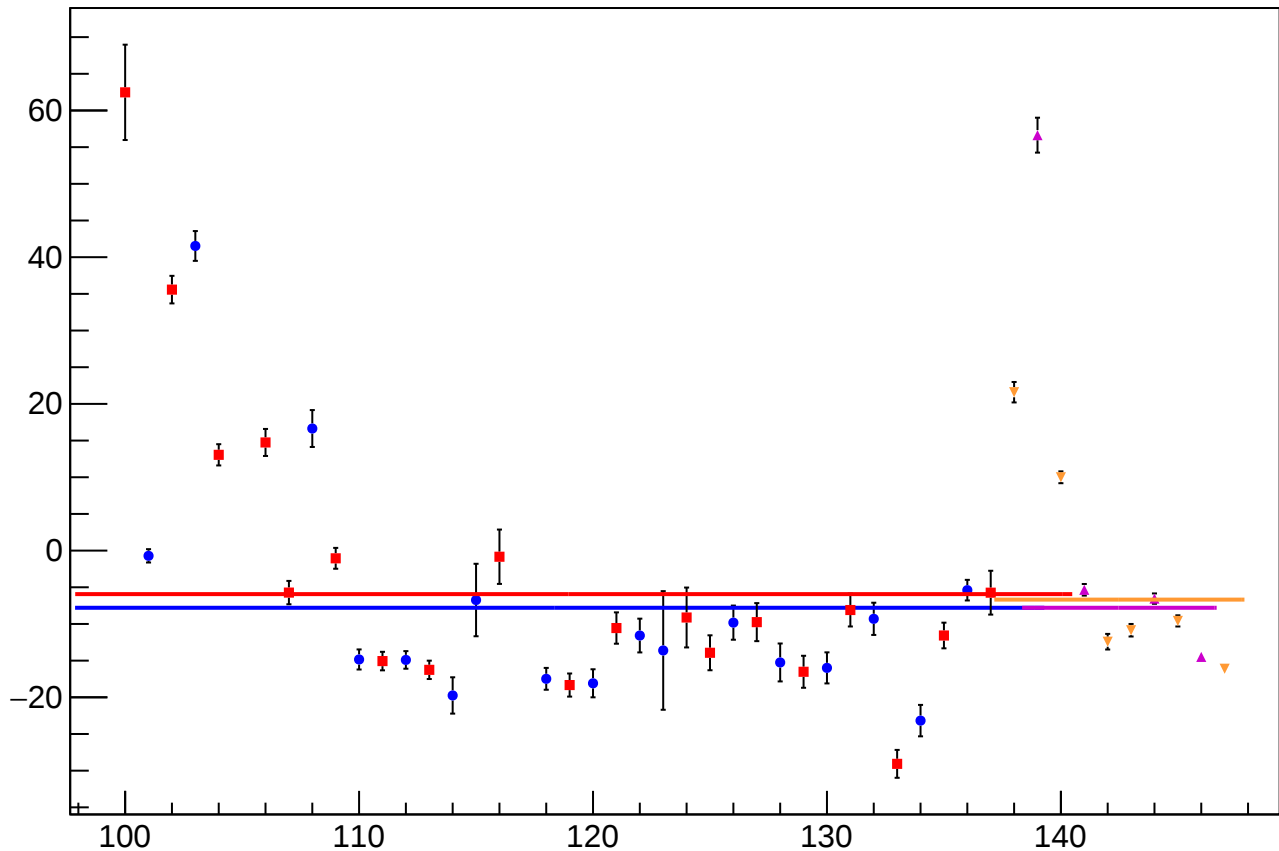
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.950+/-0.537 χ^2/NDF :331.6/3

Out: -27.975+/-0.484 χ^2/NDF :1873.9/5

All: -24.374+/-0.360 χ^2/NDF : 2328.6/9

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: -6.681 ± 0.341 χ^2/NDF : 1133.7/5

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -7.795 ± 0.394 χ^2/NDF : 864.4/3

Left: -7.158 ± 0.258 χ^2/NDF : 2002.7/9

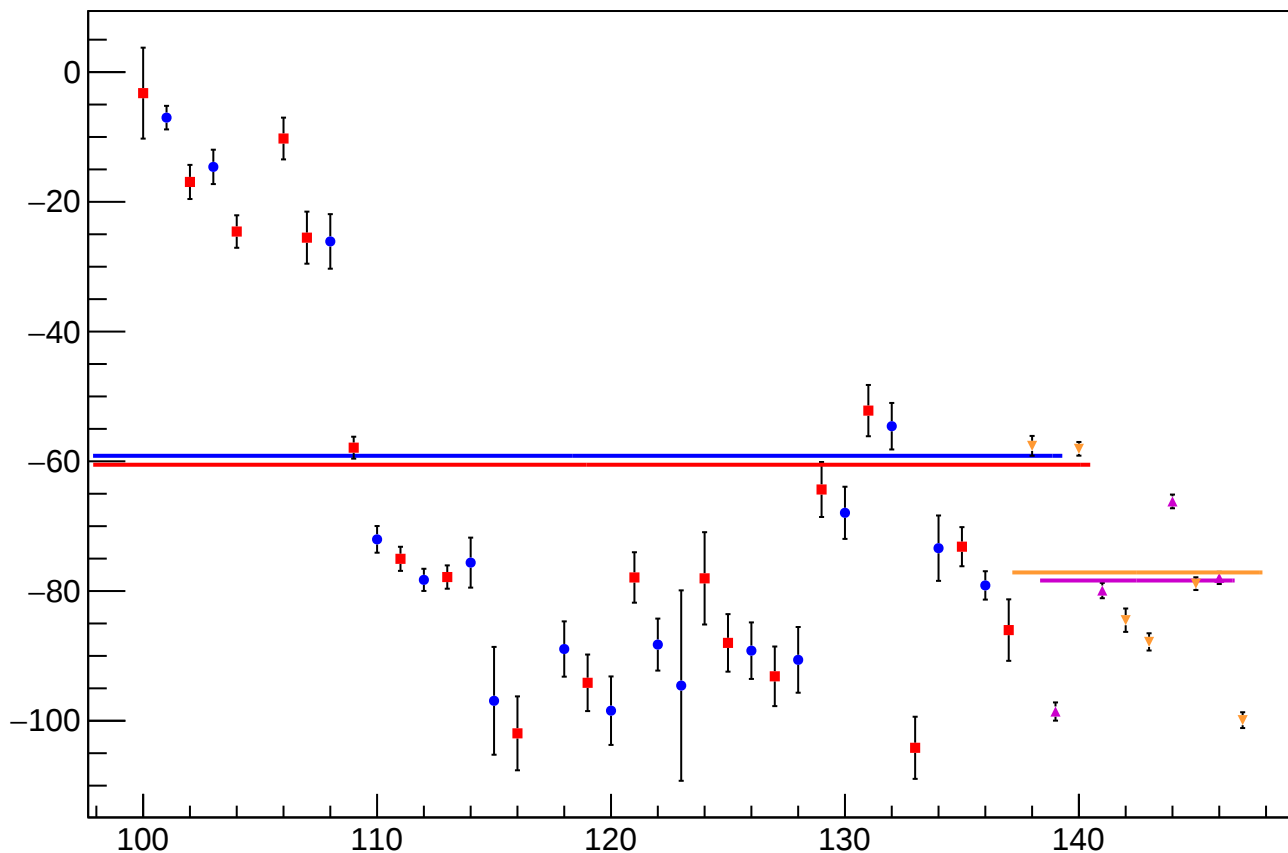
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -7.795 ± 0.290 χ^2/NDF : 1847.1/20

Out: -6.391 ± 0.267 χ^2/NDF : 2429.8/24

All: -7.035 ± 0.196 χ^2/NDF : 4289.6/45

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -77.133 $\pm$ 0.506 χ^2 /NDF: 922.1/5

Right Out: -60.530 $\pm$ 0.704 χ^2 /NDF: 1385.2/18

Left In: -78.376 $\pm$ 0.555 χ^2 /NDF: 341.6/3

Left: -77.697 $\pm$ 0.374 χ^2 /NDF: 1266.5/9

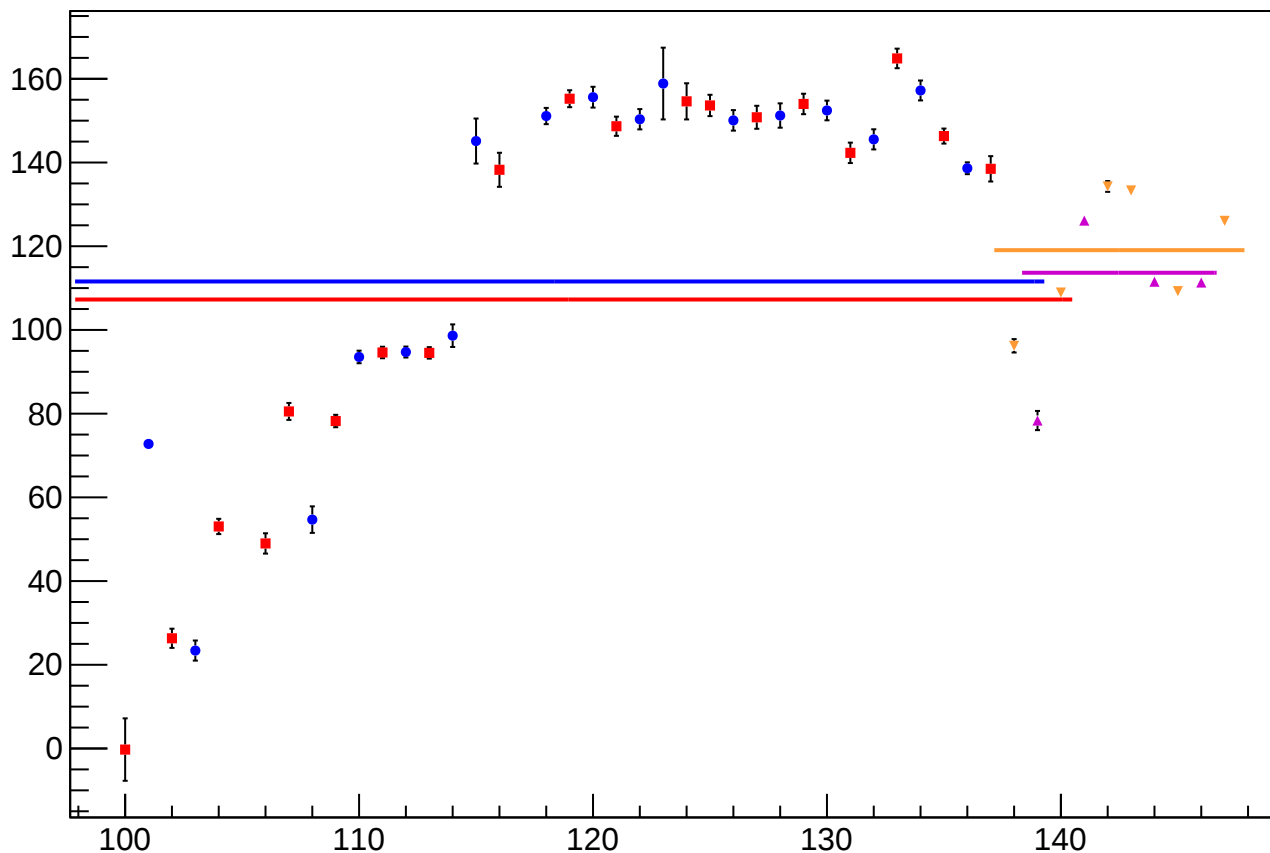
Right: -59.879 $\pm$ 0.512 χ^2 /NDF: 3105.4/35

In: -71.515 $\pm$ 0.445 χ^2 /NDF: 2488.0/20

Out: -71.478 $\pm$ 0.411 χ^2 /NDF: 2674.0/24

All: -71.495 $\pm$ 0.302 χ^2 /NDF: 5162.0/45

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: 119.060 $\pm$ 0.420 χ^2 /NDF:834.8/5

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 113.663 $\pm$ 0.476 χ^2 /NDF:423.5/3

Left: 116.693 $\pm$ 0.315 χ^2 /NDF: 1330.6/9

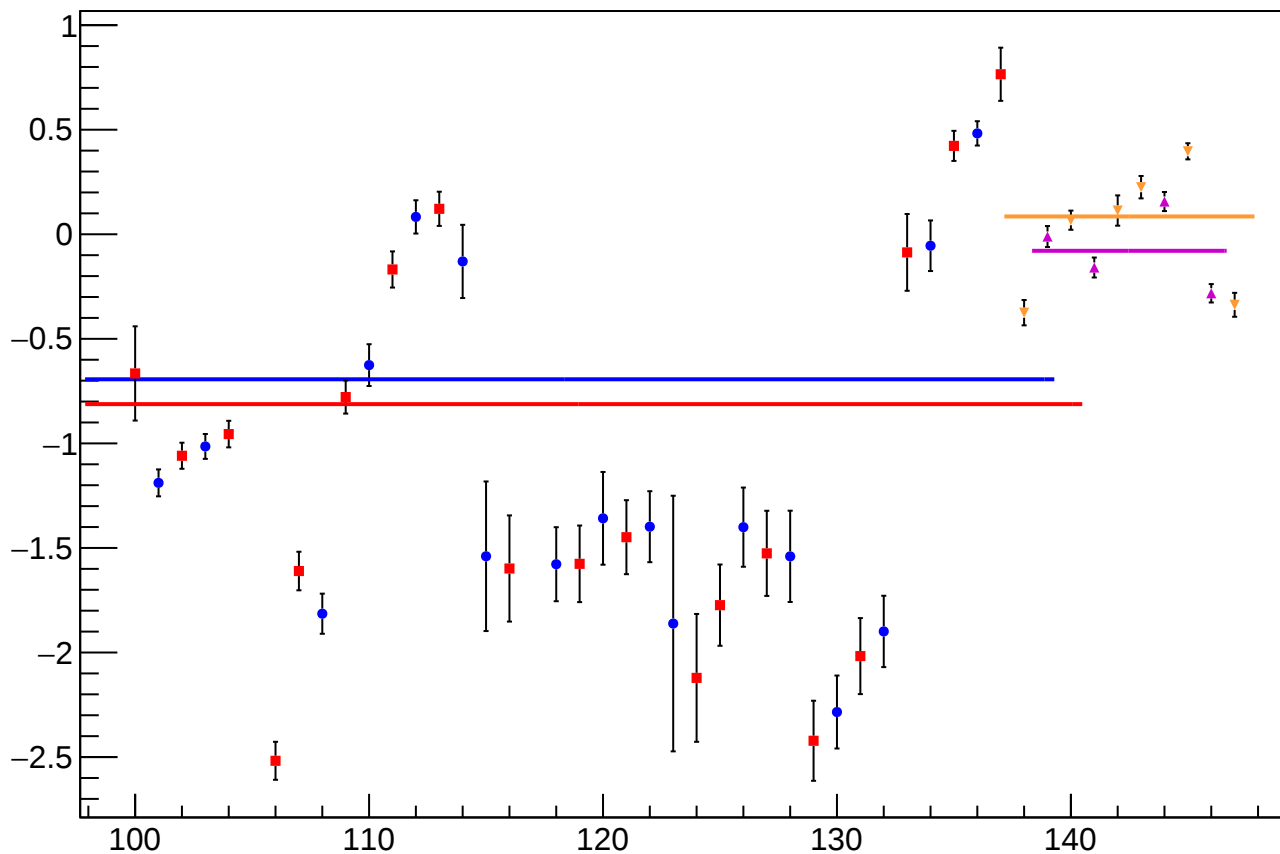
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 112.647 $\pm$ 0.340 χ^2 /NDF:6378.8/20

Out: 114.033 $\pm$ 0.318 χ^2 /NDF:8214.9/24

All: 113.386 $\pm$ 0.233 χ^2 /NDF: 14602.5/45

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: 0.085 ± 0.021 χ^2/NDF : 184.5/5

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.079 ± 0.023 χ^2/NDF : 52.6/3

Left: 0.012 ± 0.016 χ^2/NDF : 264.4/9

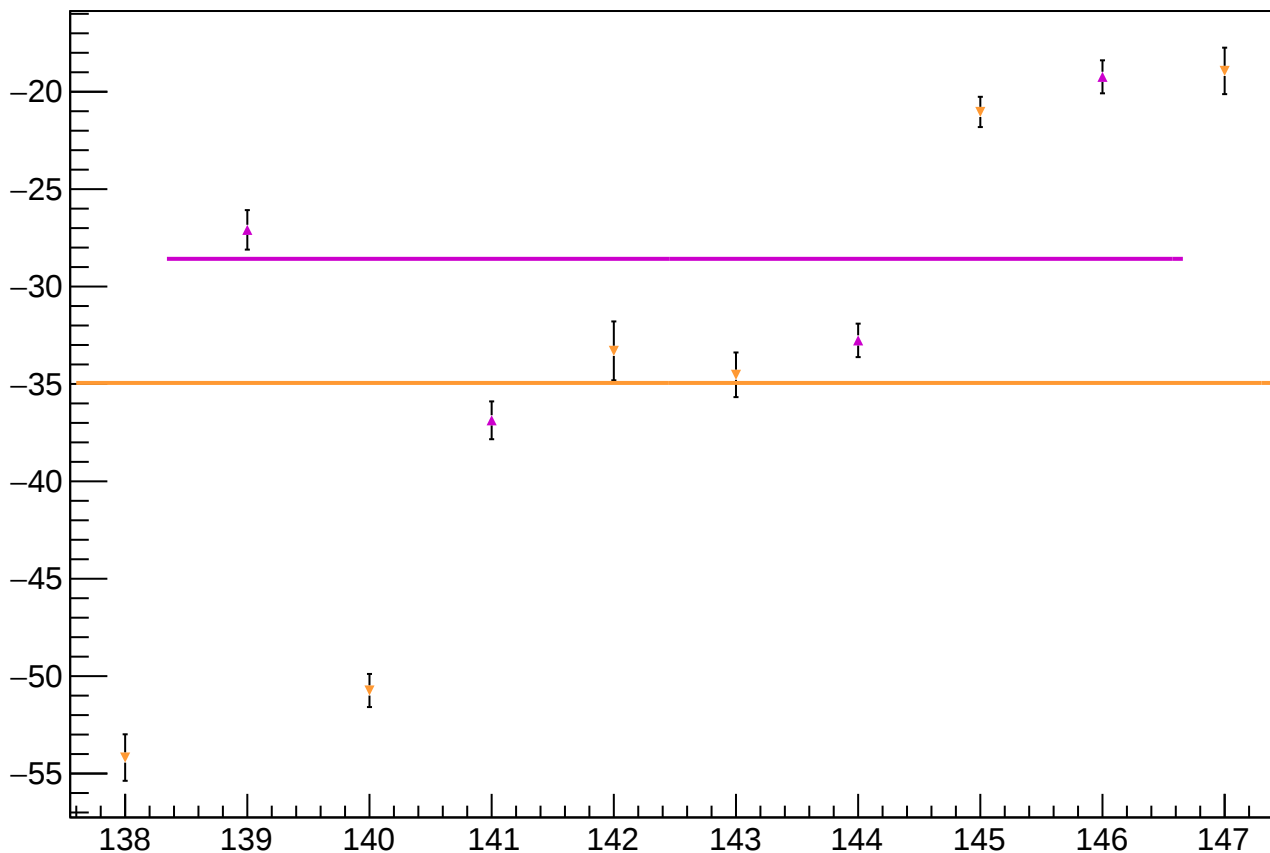
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.356 ± 0.017 χ^2/NDF : 1354.8/20

Out: -0.298 ± 0.016 χ^2/NDF : 2272.9/24

All: -0.324 ± 0.012 χ^2/NDF : 3633.8/45

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: -34.948+/-0.421 χ^2/NDF :1107.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.577+/-0.457 χ^2/NDF :220.4/3

Left: -32.027+/-0.310 χ^2/NDF : 1432.8/9

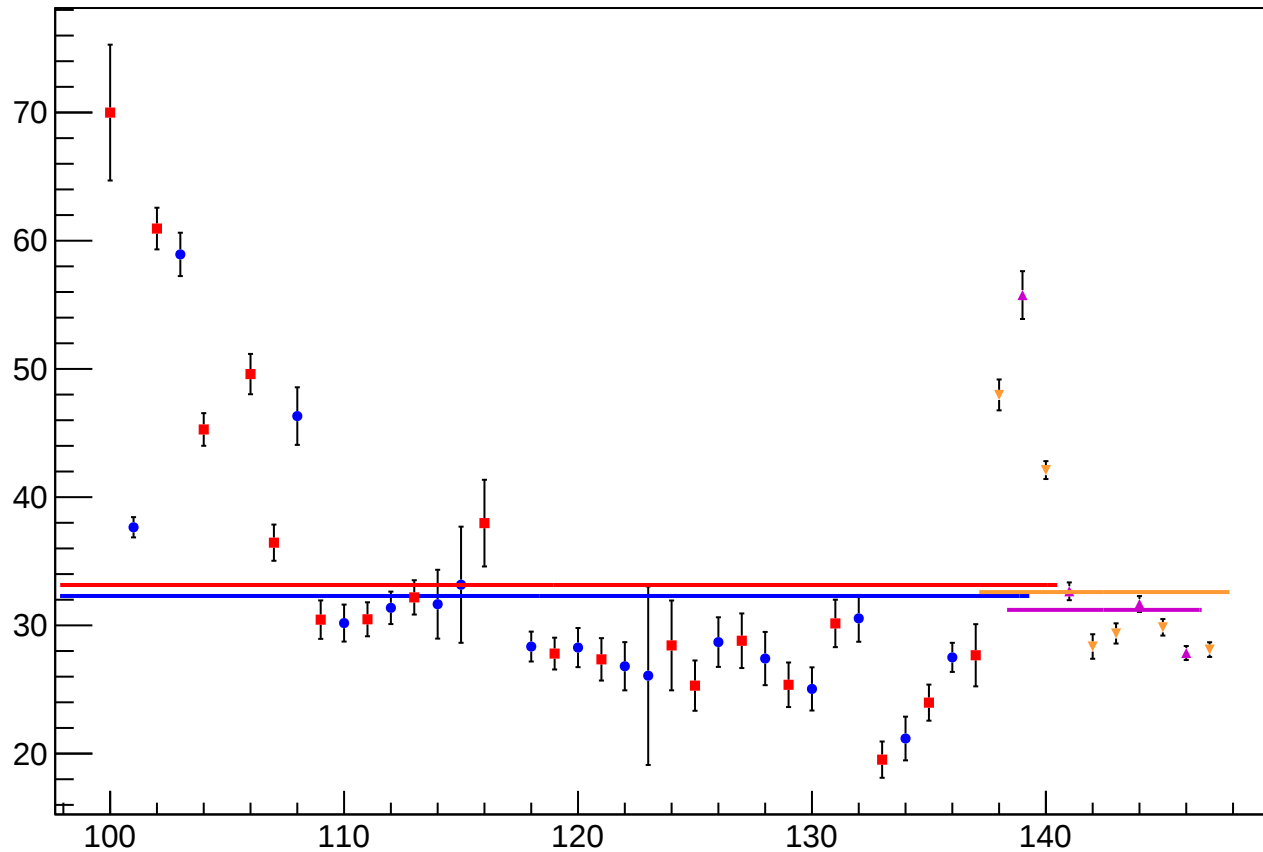
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.577+/-0.457 χ^2/NDF :220.4/3

Out: -34.948+/-0.421 χ^2/NDF :1107.2/5

All: -32.027+/-0.310 χ^2/NDF : 1432.8/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 32.598 ± 0.303 $\chi^2/\text{NDF}: 465.3/5$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 31.209 ± 0.346 $\chi^2/\text{NDF}: 216.2/3$

Left: 31.995 ± 0.228 $\chi^2/\text{NDF}: 690.6/9$

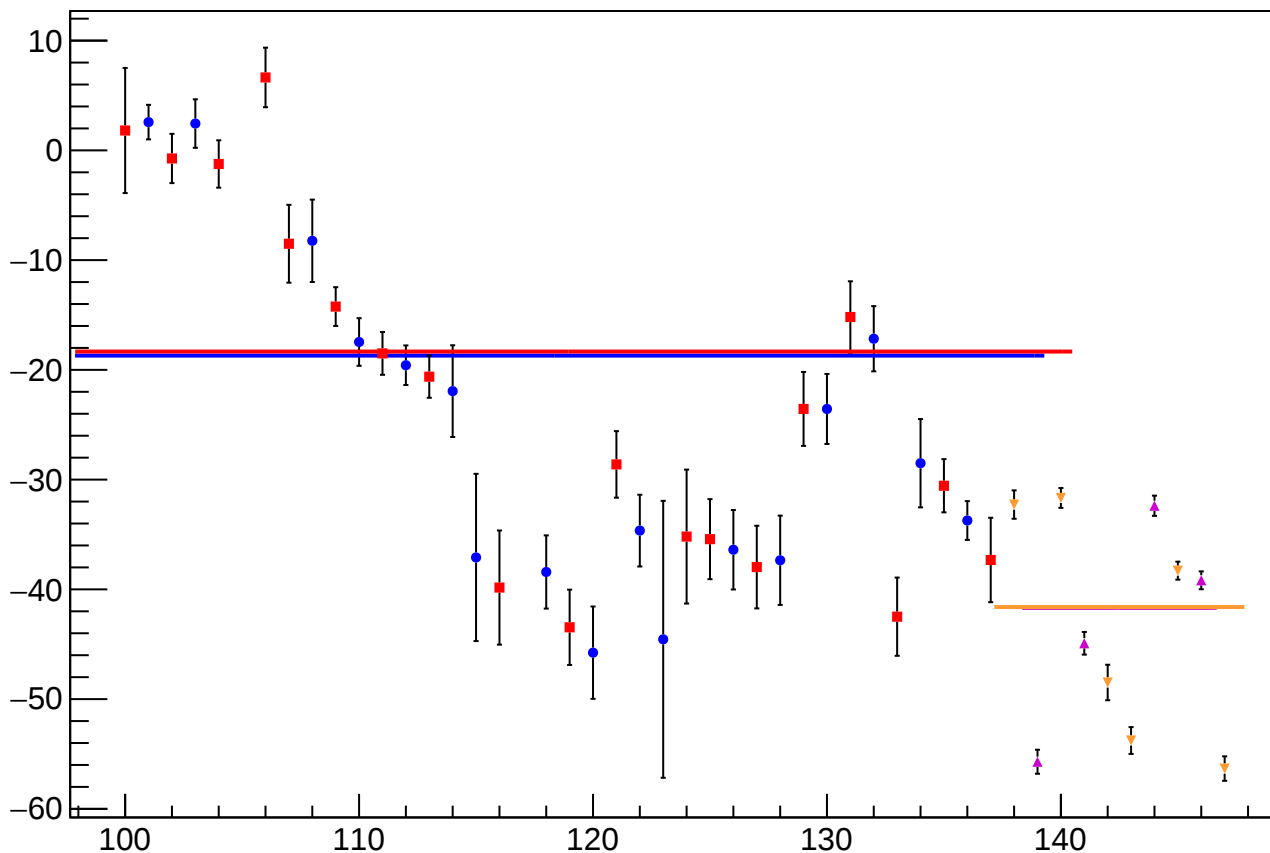
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.710 ± 0.254 $\chi^2/\text{NDF}: 673.3/20$

Out: 32.813 ± 0.236 $\chi^2/\text{NDF}: 1239.2/24$

All: 32.300 ± 0.173 $\chi^2/\text{NDF}: 1922.5/45$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -41.611 ± 0.440 χ^2/NDF : 480.8/5

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -41.682 ± 0.473 χ^2/NDF : 285.6/3

Left: -41.644 ± 0.322 χ^2/NDF : 766.4/9

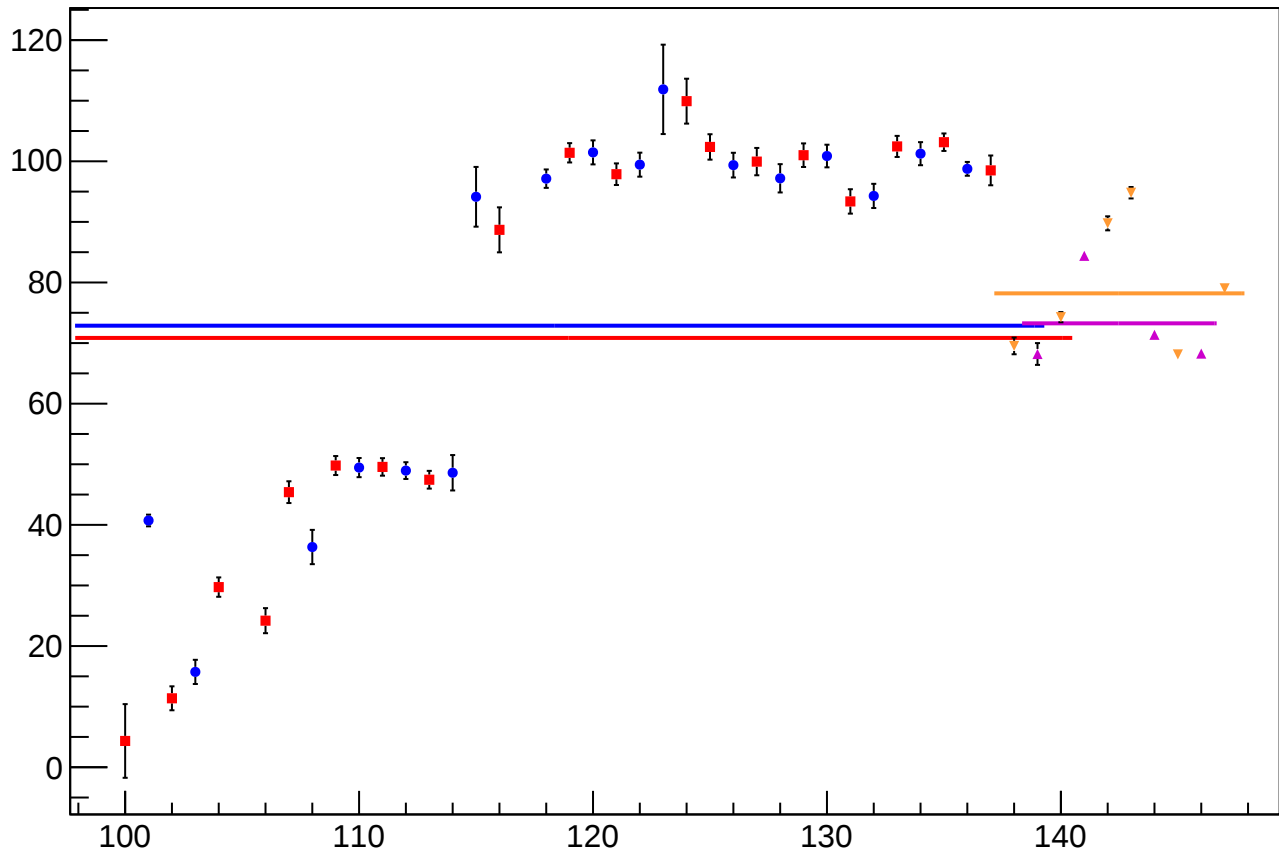
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -33.974 ± 0.386 χ^2/NDF : 1594.9/20

Out: -34.191 ± 0.363 χ^2/NDF : 1846.7/24

All: -34.089 ± 0.265 χ^2/NDF : 3441.8/45

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 78.205 $\pm$ 0.371 χ^2 /NDF: 656.3/5

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 73.257 $\pm$ 0.414 χ^2 /NDF: 248.3/3

Left: 76.003 $\pm$ 0.276 χ^2 /NDF: 983.8/9

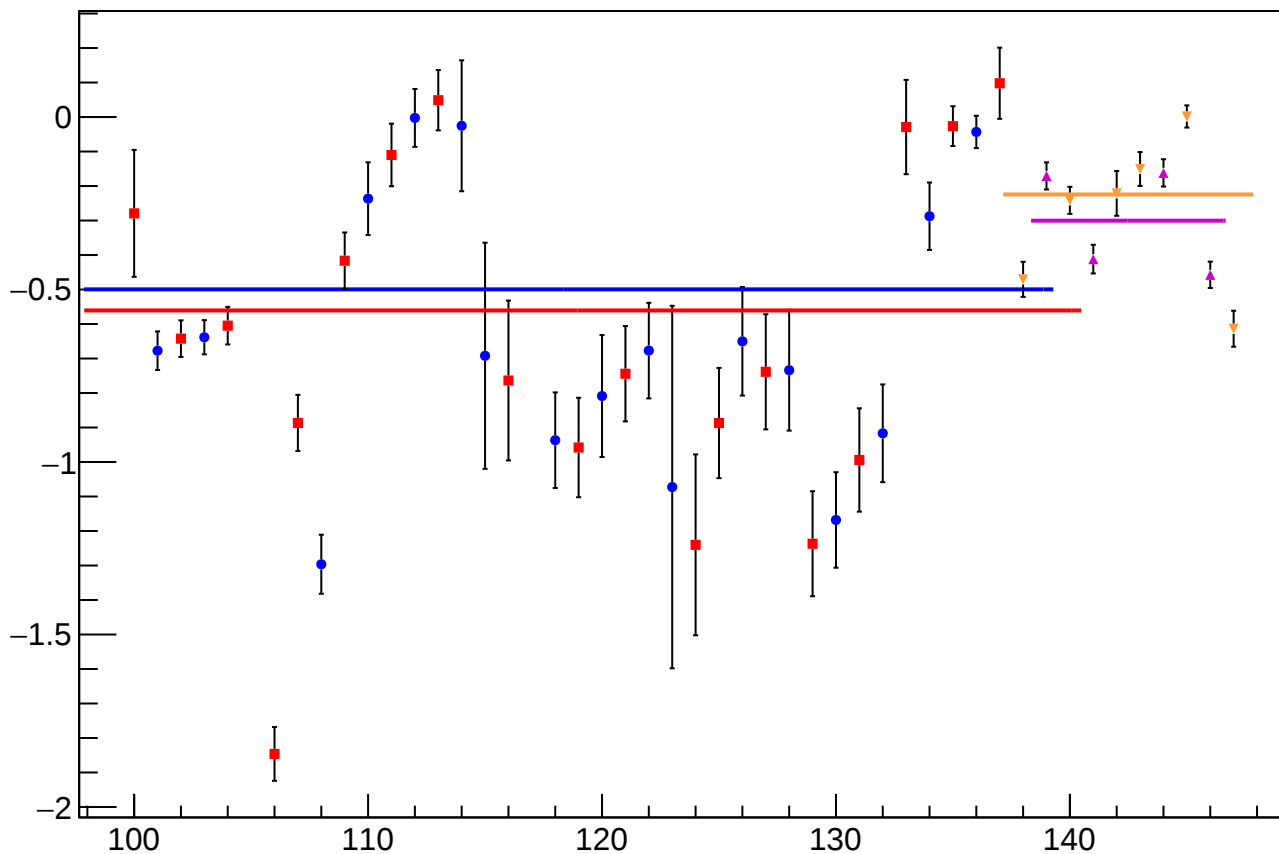
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 73.069 $\pm$ 0.297 χ^2 /NDF: 4975.8/20

Out: 75.092 $\pm$ 0.282 χ^2 /NDF: 6318.2/24

All: 74.135 $\pm$ 0.204 χ^2 /NDF: 11318.4/45

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: -0.224 ± 0.018 χ^2/NDF : 131.0/5

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.300 ± 0.020 χ^2/NDF : 47.2/3

Left: -0.259 ± 0.013 χ^2/NDF : 186.1/9

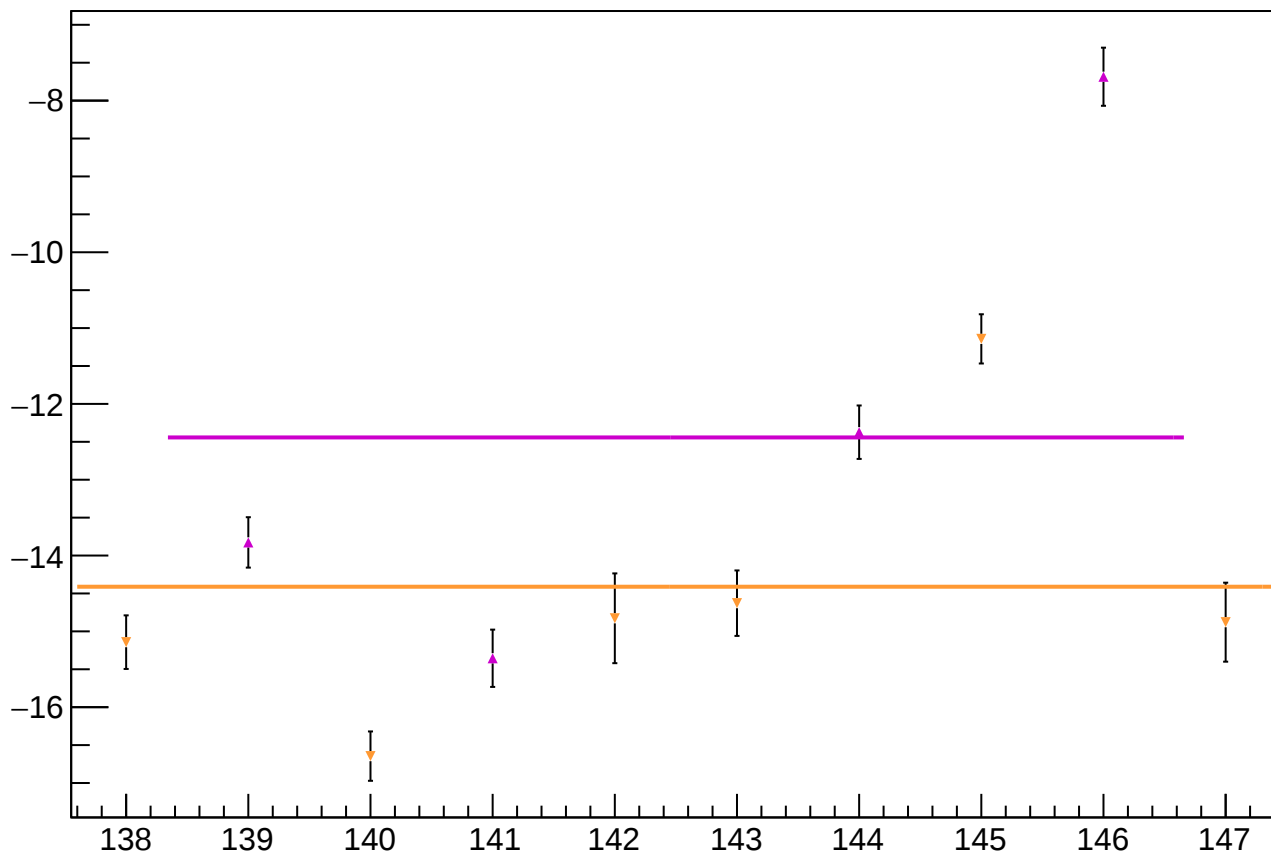
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.388 ± 0.015 χ^2/NDF : 394.3/20

Out: -0.365 ± 0.014 χ^2/NDF : 836.1/24

All: -0.376 ± 0.010 χ^2/NDF : 1231.7/45

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: -14.411+/-0.160 χ^2/NDF :154.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.442+/-0.180 χ^2/NDF :230.9/3

Left: -13.539+/-0.120 χ^2/NDF : 451.9/9

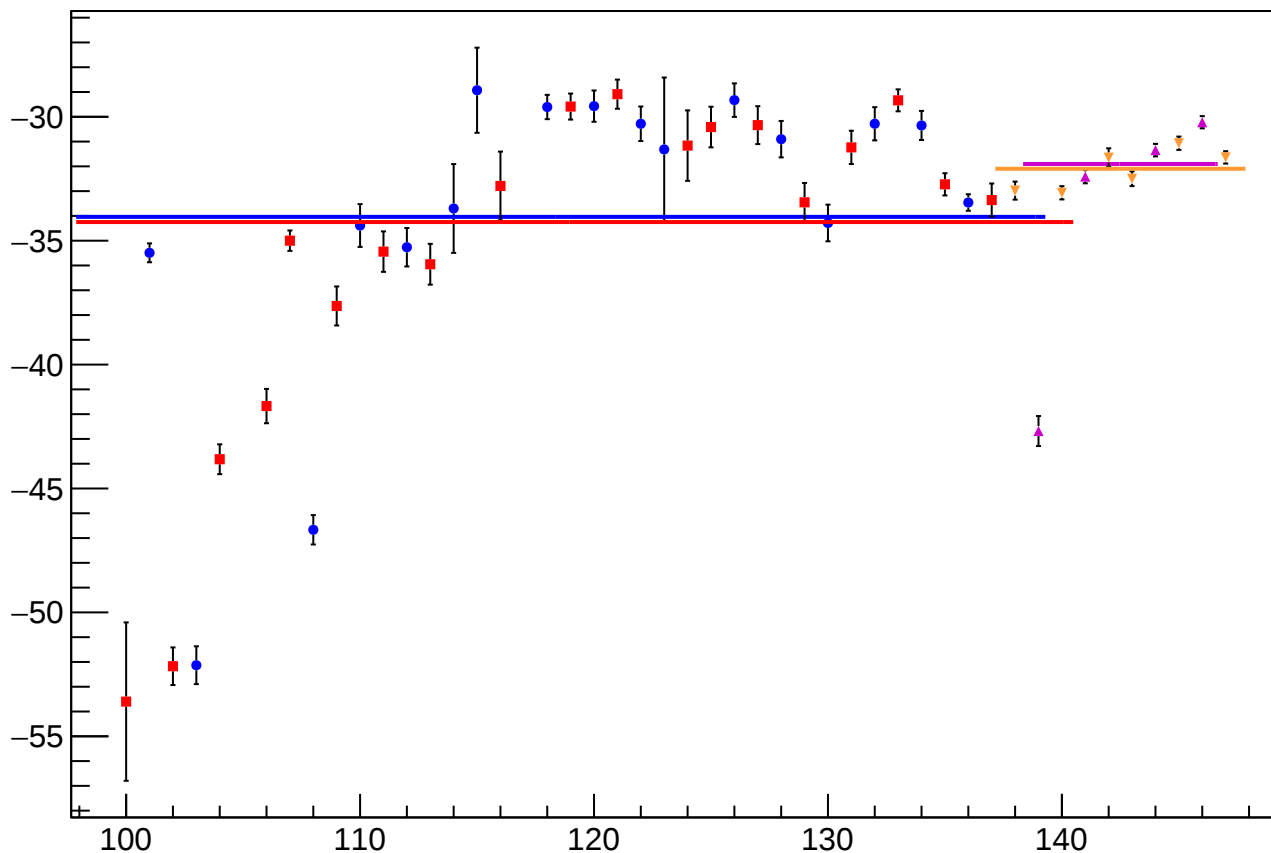
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.442+/-0.180 χ^2/NDF :230.9/3

Out: -14.411+/-0.160 χ^2/NDF :154.4/5

All: -13.539+/-0.120 χ^2/NDF : 451.9/9

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.097 ± 0.120 χ^2/NDF : 40.3/5

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -31.904 ± 0.144 χ^2/NDF : 372.0/3

Left: -32.018 ± 0.092 χ^2/NDF : 413.4/9

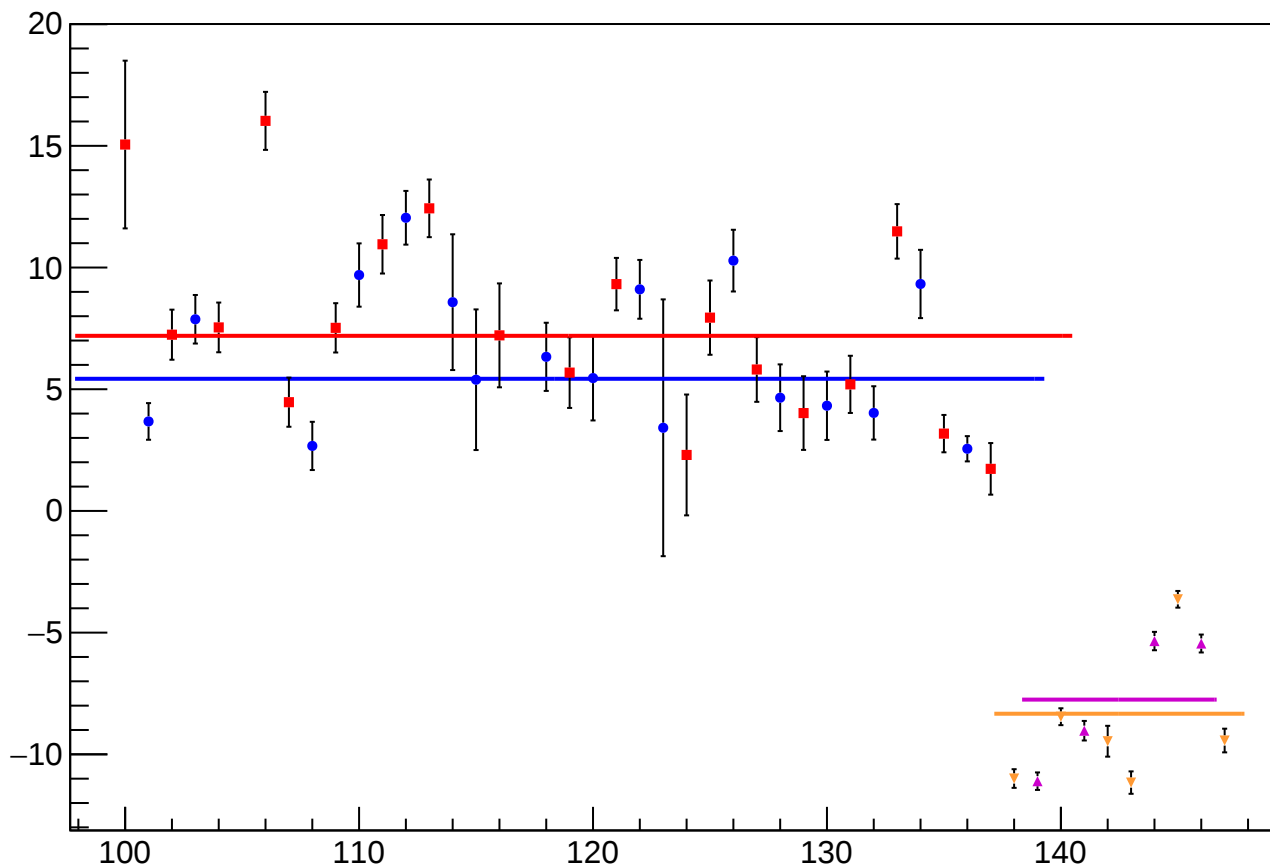
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.918 ± 0.104 χ^2/NDF : 1819.9/20

Out: -32.930 ± 0.094 χ^2/NDF : 1522.7/24

All: -32.925 ± 0.070 χ^2/NDF : 3342.6/45

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: -8.332 ± 0.169 $\chi^2/\text{NDF}: 282.2/5$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -7.752 ± 0.188 $\chi^2/\text{NDF}: 176.9/3$

Left: -8.073 ± 0.126 $\chi^2/\text{NDF}: 464.4/9$

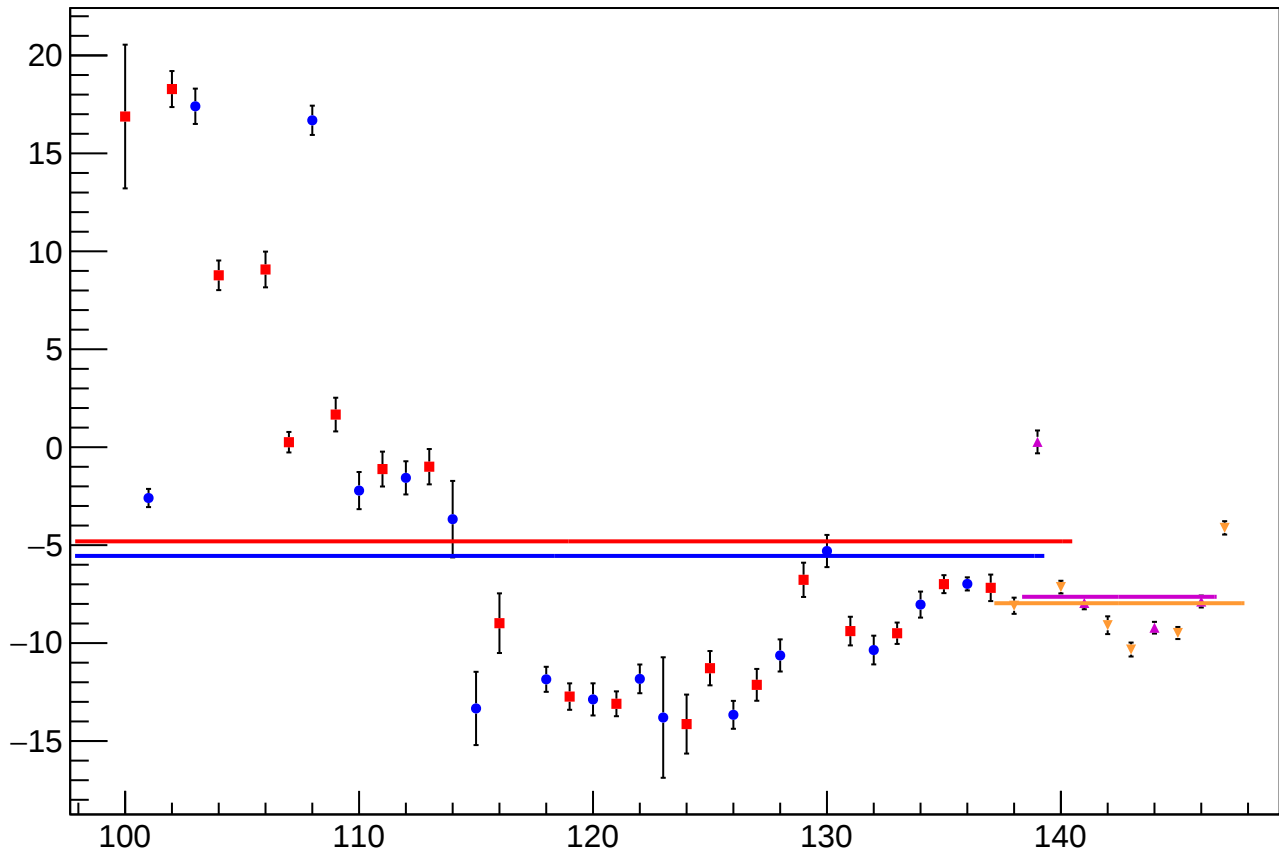
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -3.450 ± 0.154 $\chi^2/\text{NDF}: 1916.2/20$

Out: -4.058 ± 0.144 $\chi^2/\text{NDF}: 2791.4/24$

All: -3.775 ± 0.105 $\chi^2/\text{NDF}: 4715.9/45$

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: -7.965 ± 0.145 χ^2/NDF : 207.4/5

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.636 ± 0.171 χ^2/NDF : 213.1/3

Left: -7.826 ± 0.111 χ^2/NDF : 422.7/9

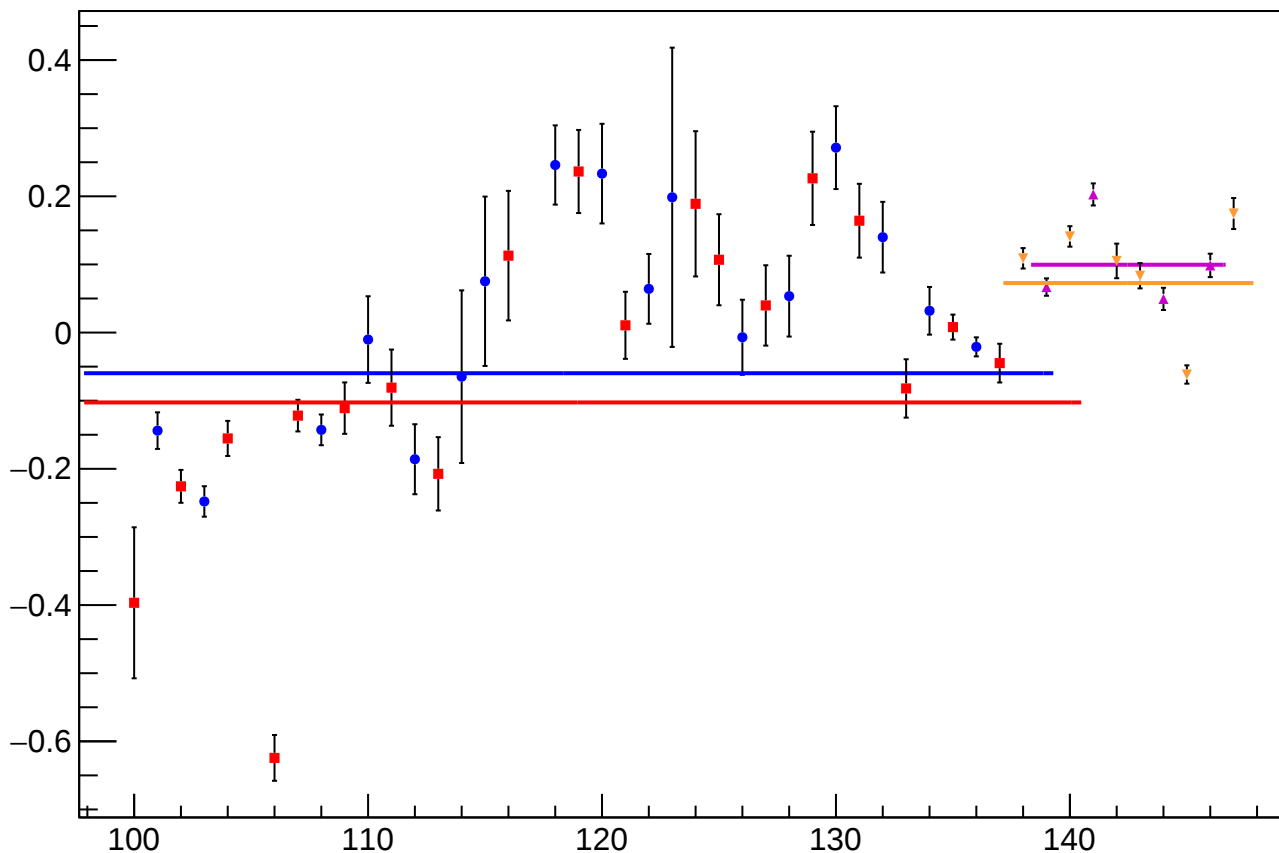
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.591 ± 0.120 χ^2/NDF : 2414.8/20

Out: -6.653 ± 0.111 χ^2/NDF : 2451.3/24

All: -6.624 ± 0.082 χ^2/NDF : 4866.2/45

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: 0.073 ± 0.007 χ^2/NDF : 148.3/5

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.100 ± 0.008 χ^2/NDF : 56.7/3

Left: 0.085 ± 0.005 χ^2/NDF : 211.8/9

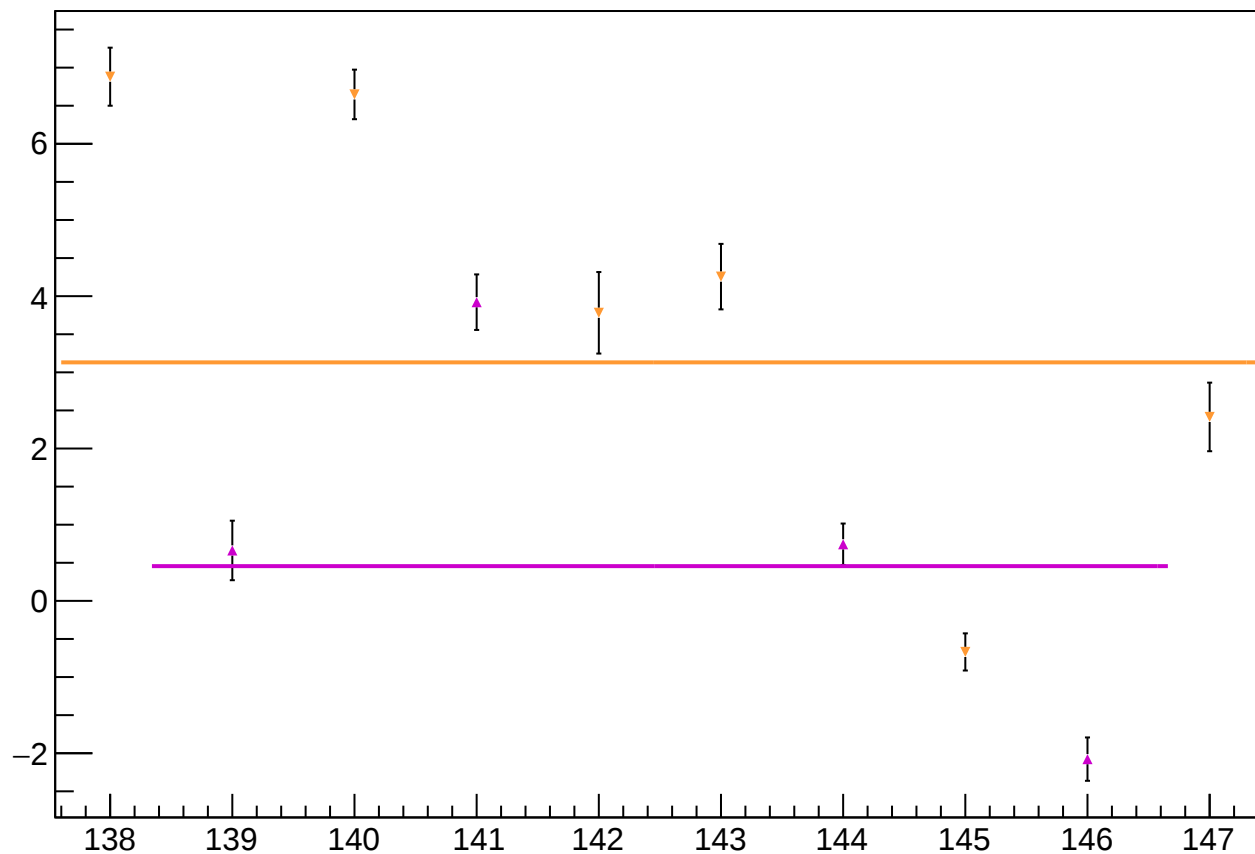
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.027 ± 0.006 χ^2/NDF : 470.0/20

Out: 0.002 ± 0.005 χ^2/NDF : 841.9/24

All: 0.014 ± 0.004 χ^2/NDF : 1322.6/45

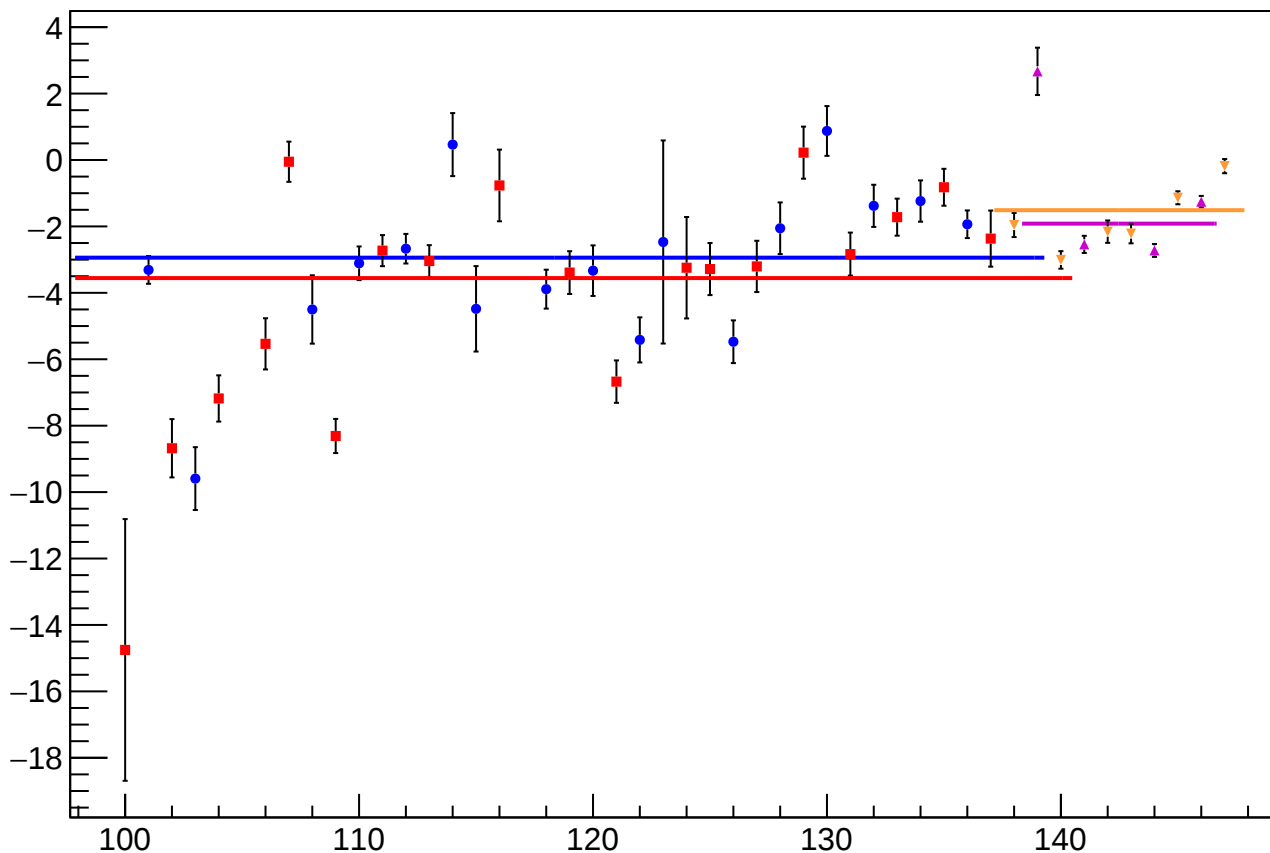
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.131 $\pm$ 0.146 χ^2 /NDF:467.6/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3

Left: 1.902 $\pm$ 0.107 χ^2 /NDF: 793.1/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3
 Out: 3.131 $\pm$ 0.146 χ^2 /NDF:467.6/5
 All: 1.902 $\pm$ 0.107 χ^2 /NDF: 793.1/9

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: -1.511 ± 0.105 χ^2/NDF : 85.2/5

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.916 ± 0.115 χ^2/NDF : 78.7/3

Left: -1.697 ± 0.078 χ^2/NDF : 170.7/9

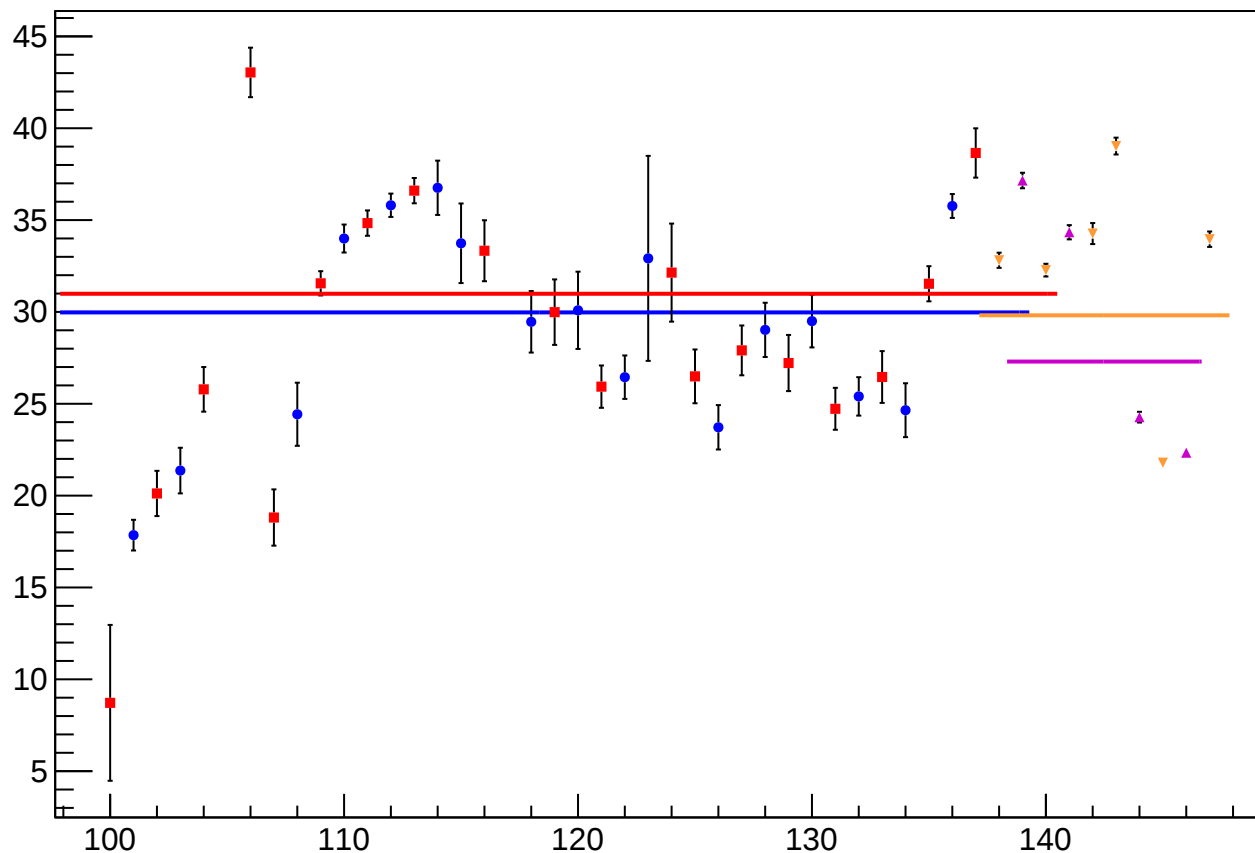
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.281 ± 0.092 χ^2/NDF : 252.8/20

Out: -2.160 ± 0.087 χ^2/NDF : 496.4/24

All: -2.217 ± 0.063 χ^2/NDF : 750.1/45

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: 29.816 $\pm$ 0.153 χ^2 /NDF:1618.7/5

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 27.298 $\pm$ 0.163 χ^2 /NDF:1312.7/3

Left: 28.637 $\pm$ 0.112 χ^2 /NDF: 3057.6/9

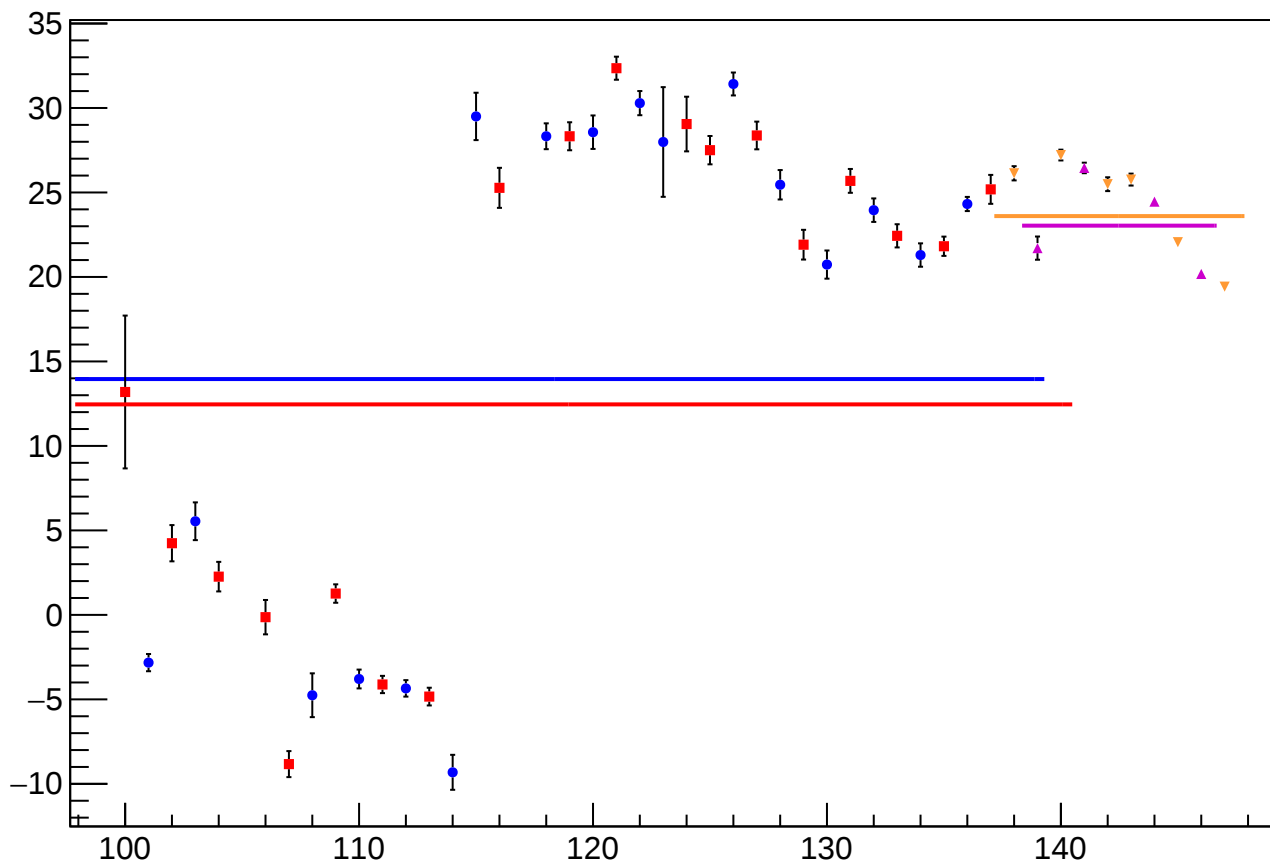
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 28.027 $\pm$ 0.139 χ^2 /NDF:1939.6/20

Out: 30.119 $\pm$ 0.132 χ^2 /NDF:2114.9/24

All: 29.129 $\pm$ 0.096 χ^2 /NDF: 4173.0/45

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: 23.602 $\pm$ 0.129 χ^2 /NDF:470.0/5

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 23.036 $\pm$ 0.139 χ^2 /NDF:330.4/3

Left: 23.340 $\pm$ 0.094 χ^2 /NDF: 809.3/9

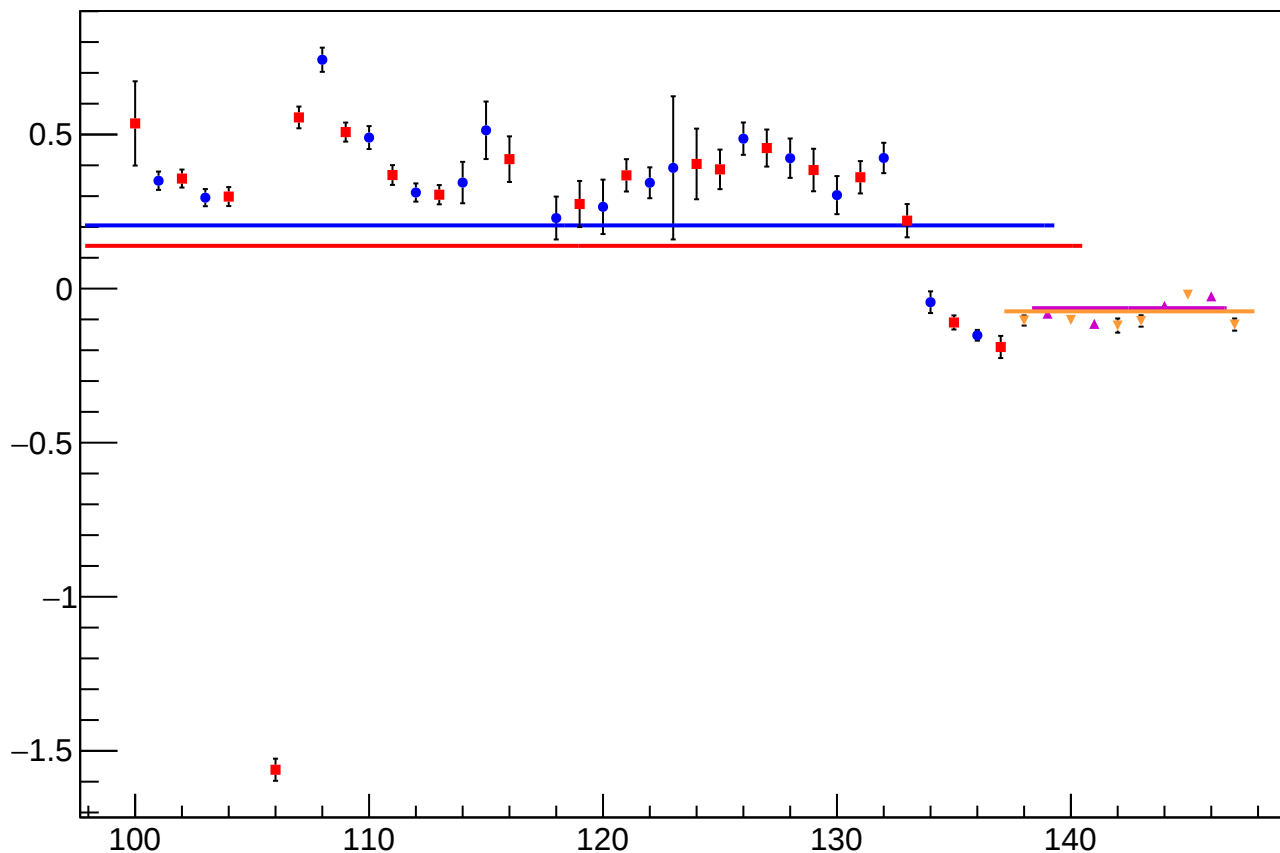
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.462 $\pm$ 0.108 χ^2 /NDF:9362.7/20

Out: 19.651 $\pm$ 0.103 χ^2 /NDF:10109.1/24

All: 19.561 $\pm$ 0.075 χ^2 /NDF: 19473.4/45

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF : 846.7/16

Left Out: -0.074+/-0.006 χ^2/NDF : 46.4/5

Right Out: 0.139+/-0.009 χ^2/NDF : 3016.4/18

Left In: -0.064+/-0.007 χ^2/NDF : 21.5/3

Left: -0.069+/-0.005 χ^2/NDF : 69.1/9

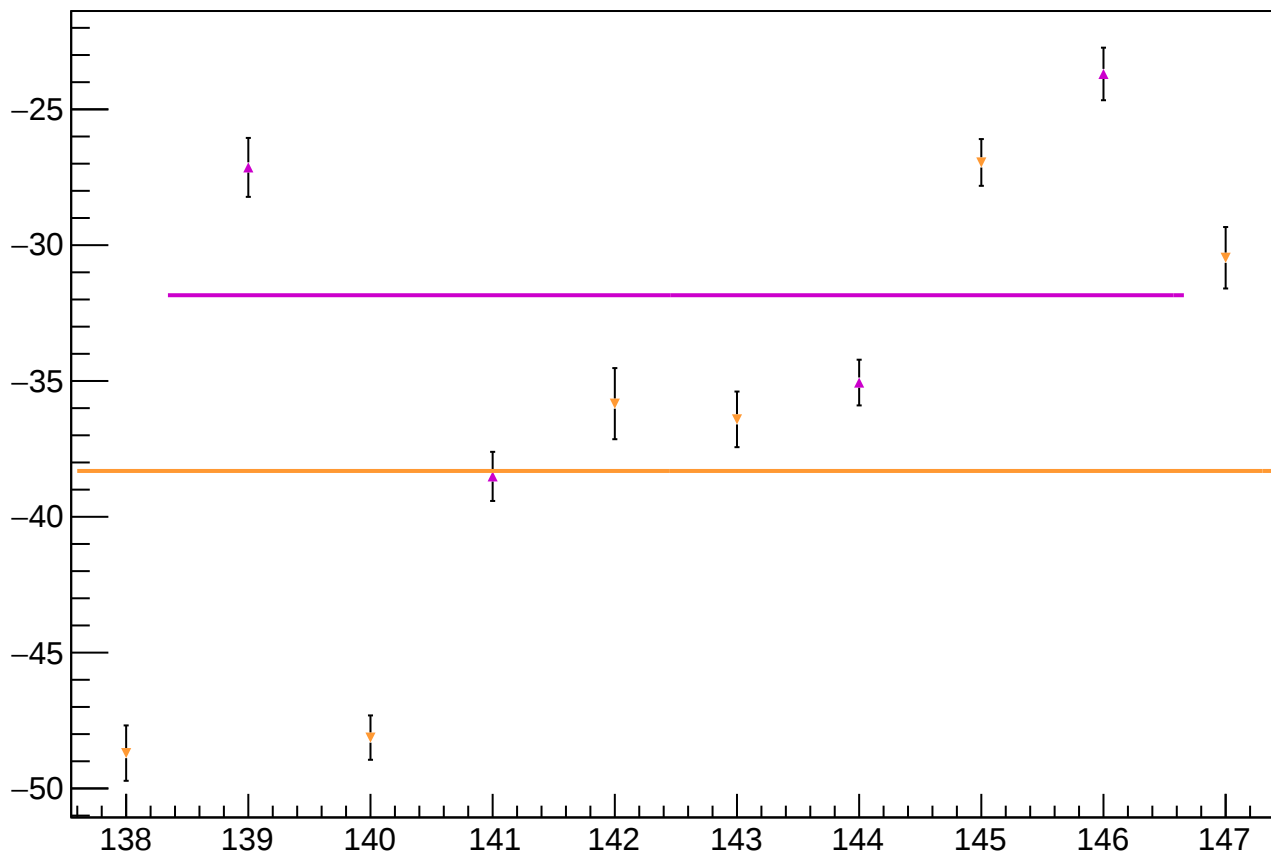
Right: 0.171+/-0.007 χ^2/NDF : 3888.5/35

In: 0.031+/-0.006 χ^2/NDF : 1401.4/20

Out: -0.006+/-0.005 χ^2/NDF : 3426.2/24

All: 0.011+/-0.004 χ^2/NDF : 4850.5/45

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: -38.312+/-0.404 χ^2/NDF :477.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.843+/-0.469 χ^2/NDF :158.7/3

Left: -35.555+/-0.306 χ^2/NDF : 745.8/9

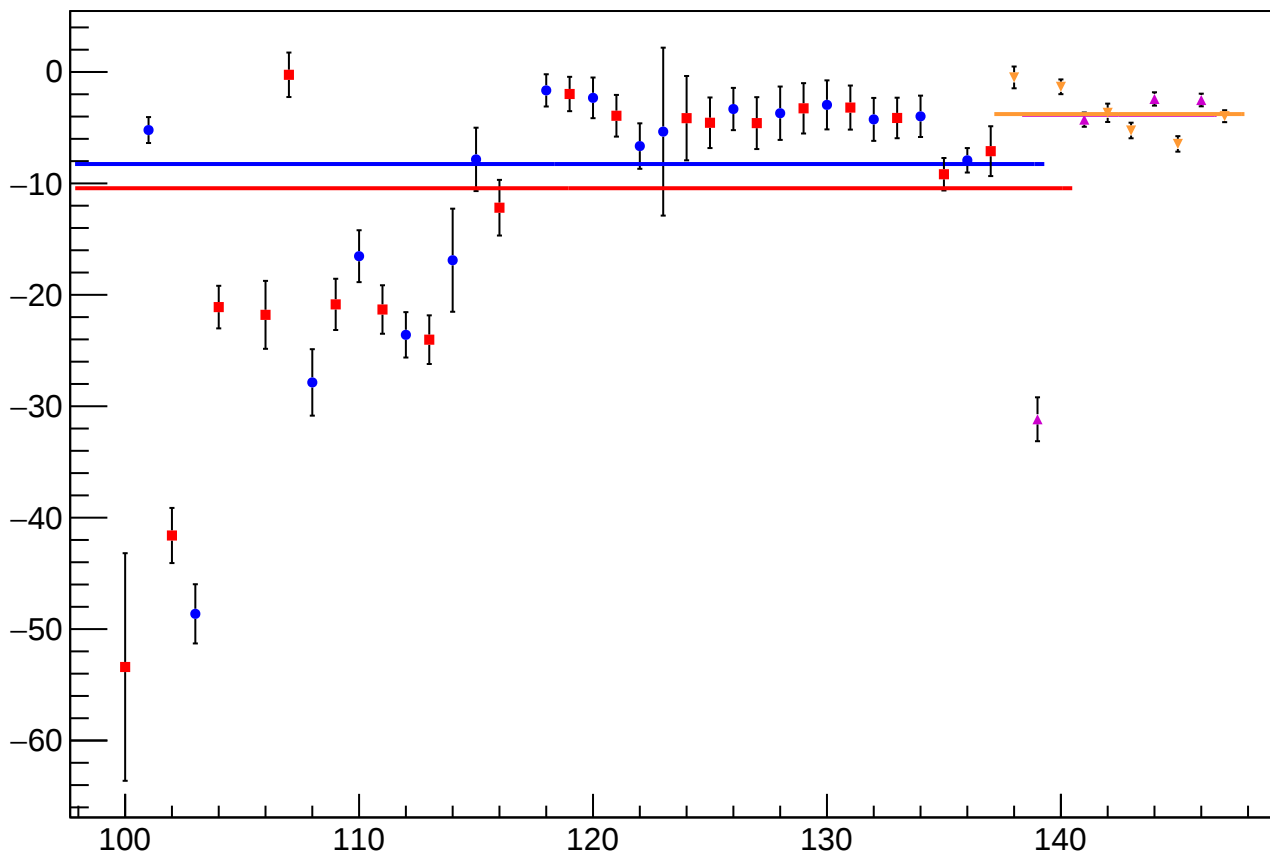
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.843+/-0.469 χ^2/NDF :158.7/3

Out: -38.312+/-0.404 χ^2/NDF :477.7/5

All: -35.555+/-0.306 χ^2/NDF : 745.8/9

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: -3.777 ± 0.284 $\chi^2/\text{NDF}: 44.4/5$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -3.843 ± 0.341 $\chi^2/\text{NDF}: 203.9/3$

Left: -3.804 ± 0.218 $\chi^2/\text{NDF}: 248.3/9$

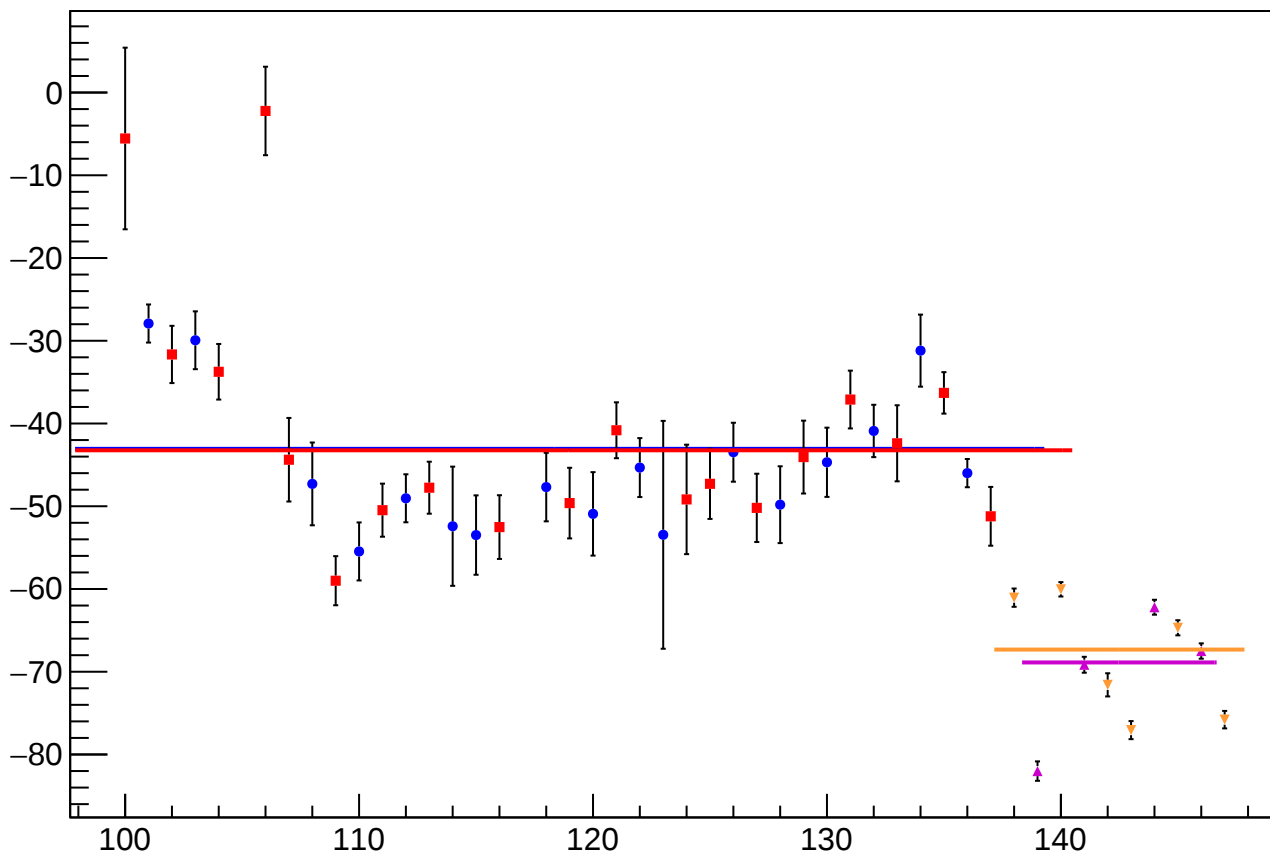
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -5.400 ± 0.275 $\chi^2/\text{NDF}: 674.9/20$

Out: -5.448 ± 0.246 $\chi^2/\text{NDF}: 611.0/24$

All: -5.427 ± 0.183 $\chi^2/\text{NDF}: 1285.8/45$

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: -67.321 ± 0.423 $\chi^2/\text{NDF}: 263.8/5$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -68.877 ± 0.488 $\chi^2/\text{NDF}: 182.4/3$

Left: -67.990 ± 0.320 $\chi^2/\text{NDF}: 451.9/9$

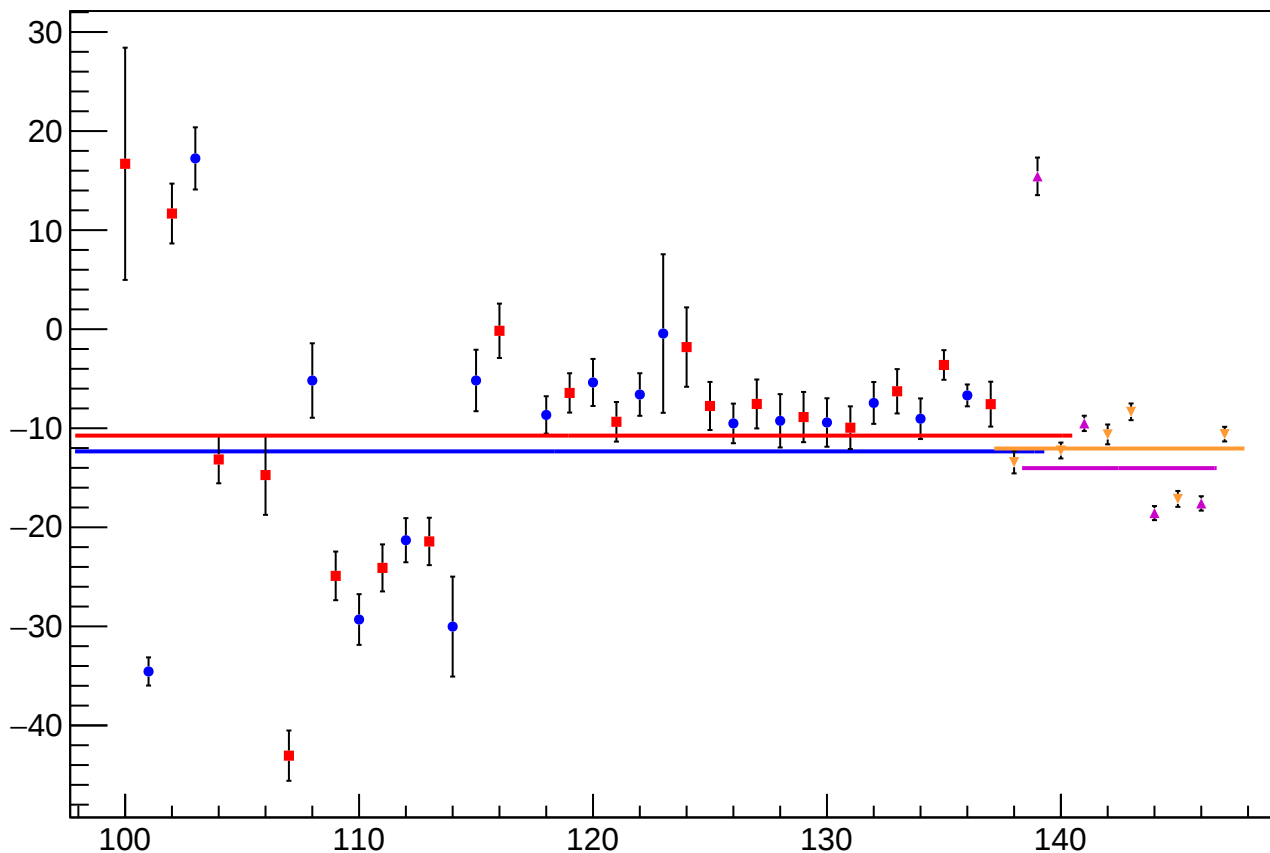
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -62.318 ± 0.421 $\chi^2/\text{NDF}: 993.7/20$

Out: -62.678 ± 0.380 $\chi^2/\text{NDF}: 1042.2/24$

All: -62.517 ± 0.282 $\chi^2/\text{NDF}: 2036.3/45$

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: -12.044 ± 0.351 $\chi^2/\text{NDF}: 67.0/5$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -14.026 ± 0.414 $\chi^2/\text{NDF}: 339.7/3$

Left: -12.871 ± 0.268 $\chi^2/\text{NDF}: 420.0/9$

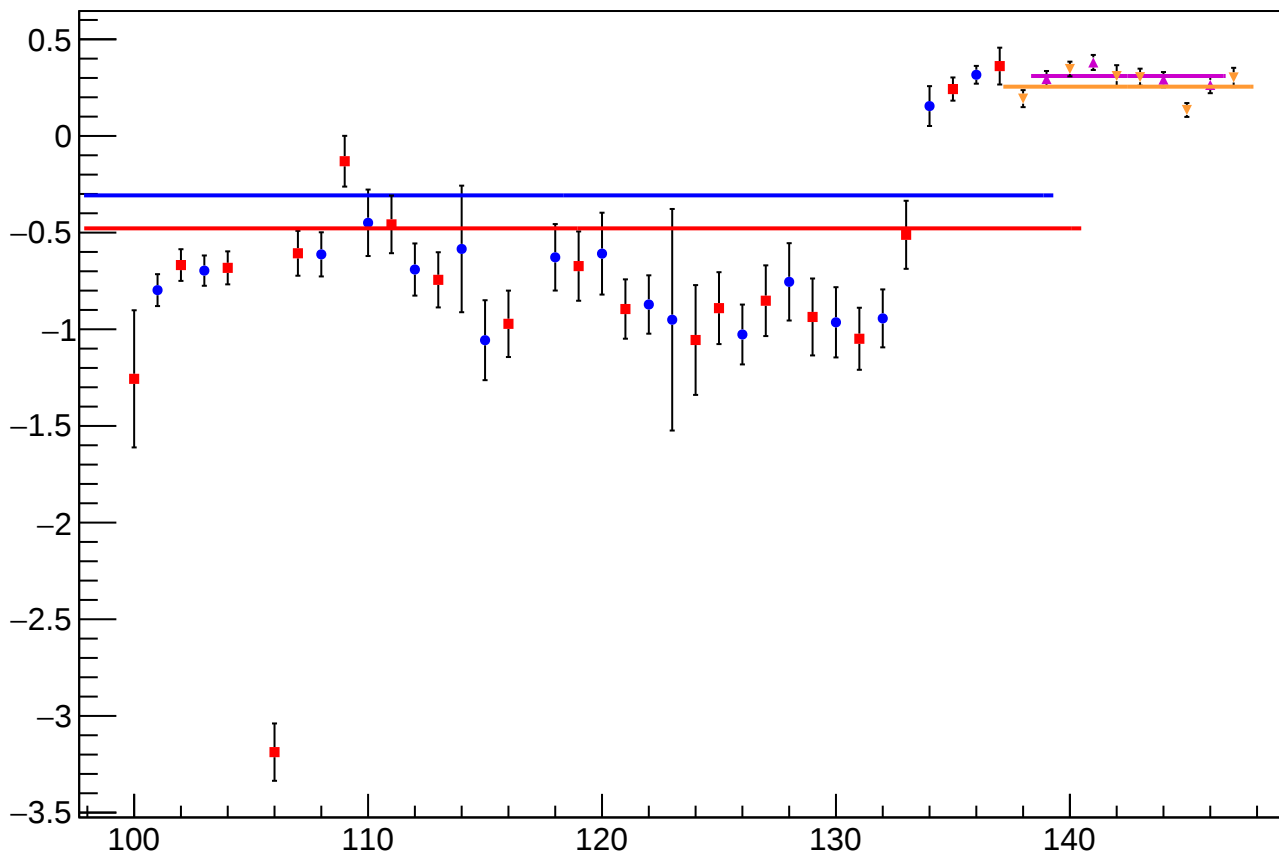
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -13.370 ± 0.324 $\chi^2/\text{NDF}: 821.3/20$

Out: -11.671 ± 0.296 $\chi^2/\text{NDF}: 437.8/24$

All: -12.444 ± 0.219 $\chi^2/\text{NDF}: 1274.1/45$

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: 0.255 ± 0.018 χ^2/NDF : 22.2/5

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.310 ± 0.020 χ^2/NDF : 4.8/3

Left: 0.279 ± 0.013 χ^2/NDF : 31.2/9

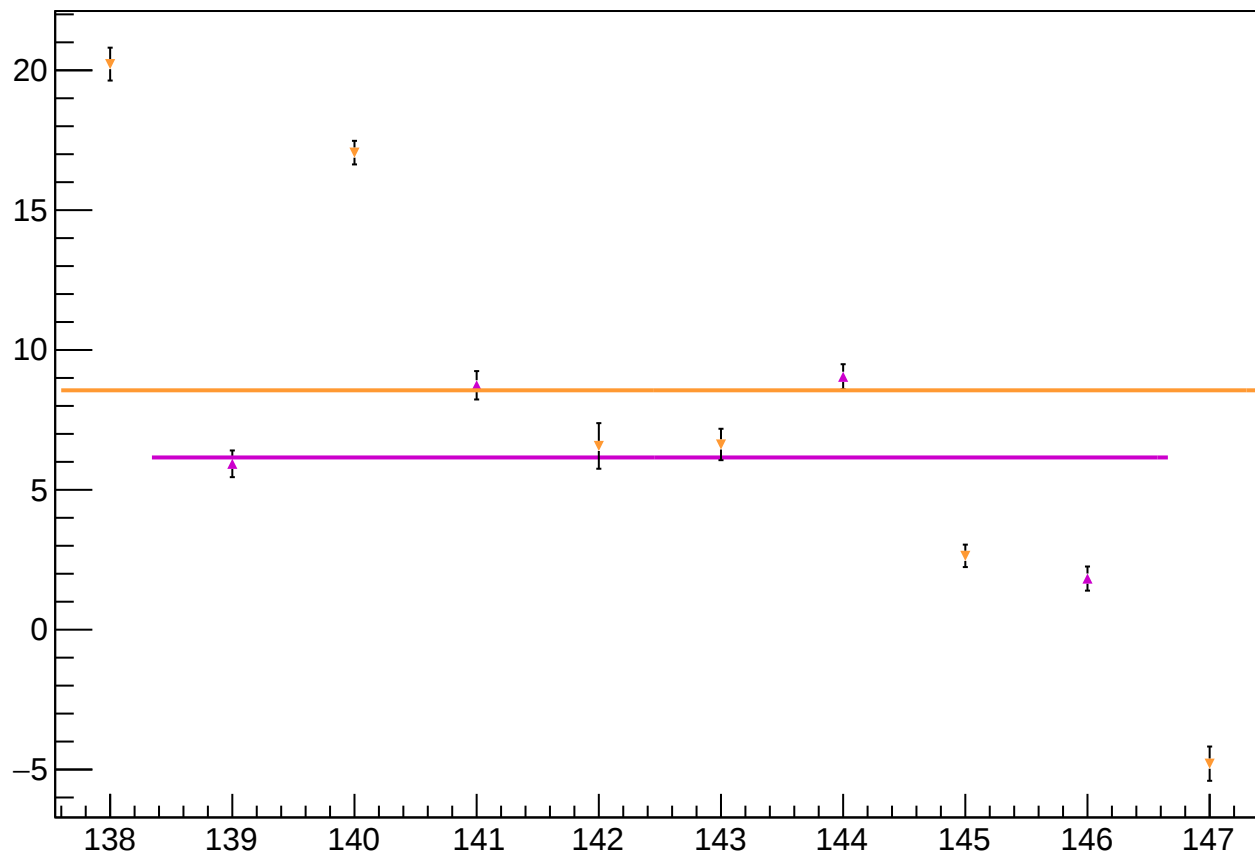
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.093 ± 0.016 χ^2/NDF : 703.2/20

Out: 0.053 ± 0.015 χ^2/NDF : 1131.5/24

All: 0.071 ± 0.011 χ^2/NDF : 1838.1/45

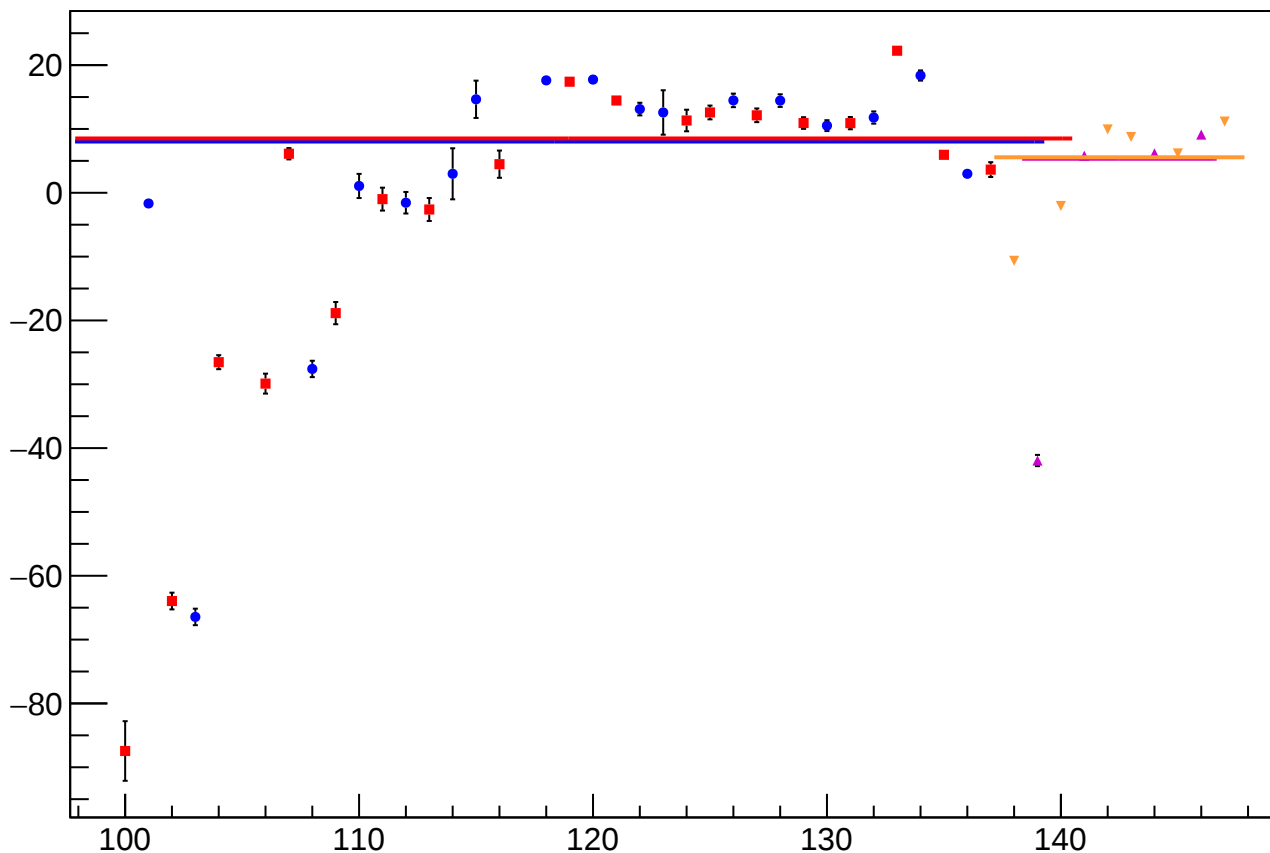
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.558+/-0.213 χ^2/NDF :1509.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.157+/-0.232 χ^2/NDF :168.1/3

Left: 7.460+/-0.157 χ^2/NDF : 1735.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.157+/-0.232 χ^2/NDF :168.1/3
 Out: 8.558+/-0.213 χ^2/NDF :1509.4/5
 All: 7.460+/-0.157 χ^2/NDF : 1735.7/9

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



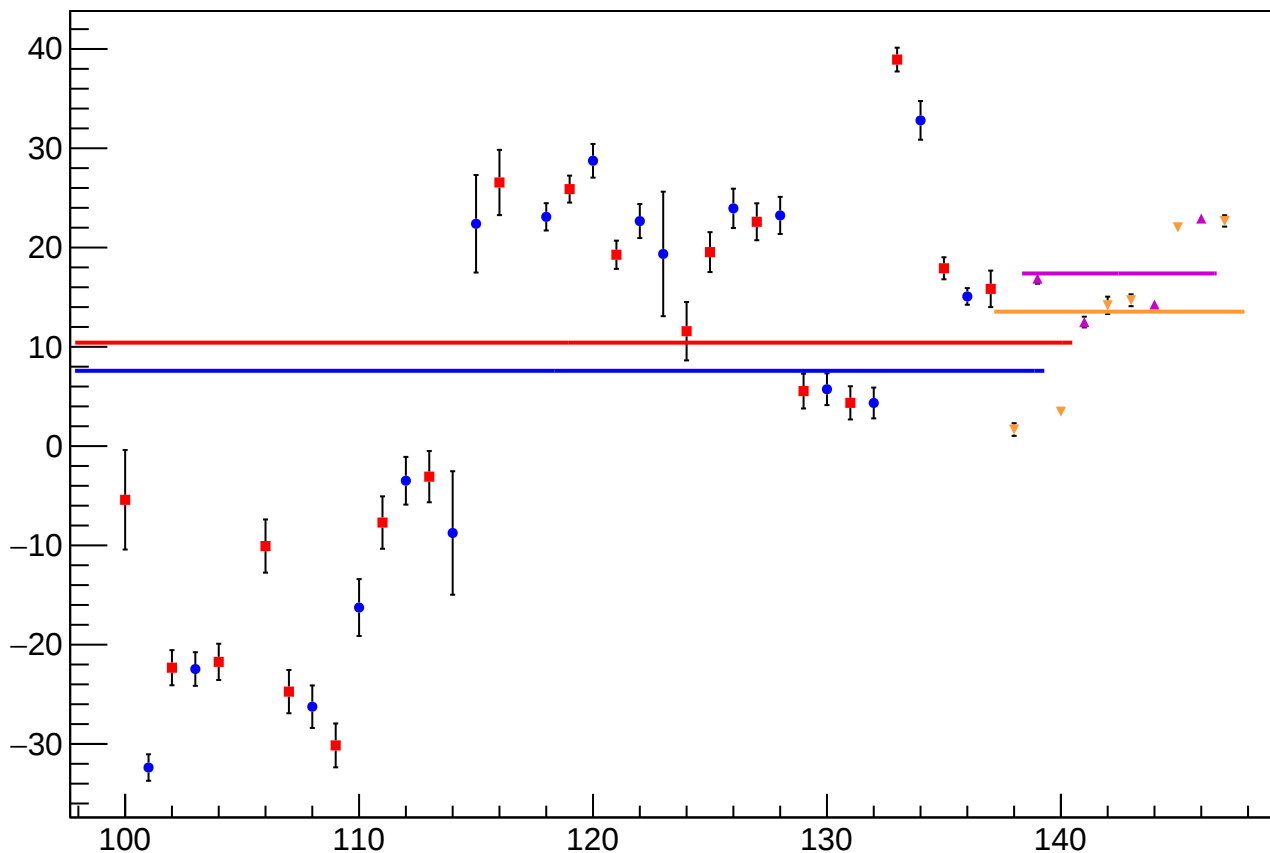
Left: 5.463 ± 0.116 $\chi^2/\text{NDF}: 4804.7/9$
 Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$
 Left Out: 5.558 ± 0.154 $\chi^2/\text{NDF}: 1718.8/5$
 Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$
 Left In: 5.335 ± 0.178 $\chi^2/\text{NDF}: 3085.0/3$

In: 6.431 ± 0.137 $\chi^2/\text{NDF}: 8548.6/20$
 Out: 6.571 ± 0.125 $\chi^2/\text{NDF}: 8558.2/24$

All: 6.508 ± 0.092 $\chi^2/\text{NDF}: 17107.4/45$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 13.543 ± 0.223 $\chi^2/\text{NDF}: 1508.0/5$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 17.390 ± 0.240 $\chi^2/\text{NDF}: 303.6/3$

Left: 15.323 ± 0.163 $\chi^2/\text{NDF}: 1949.4/9$

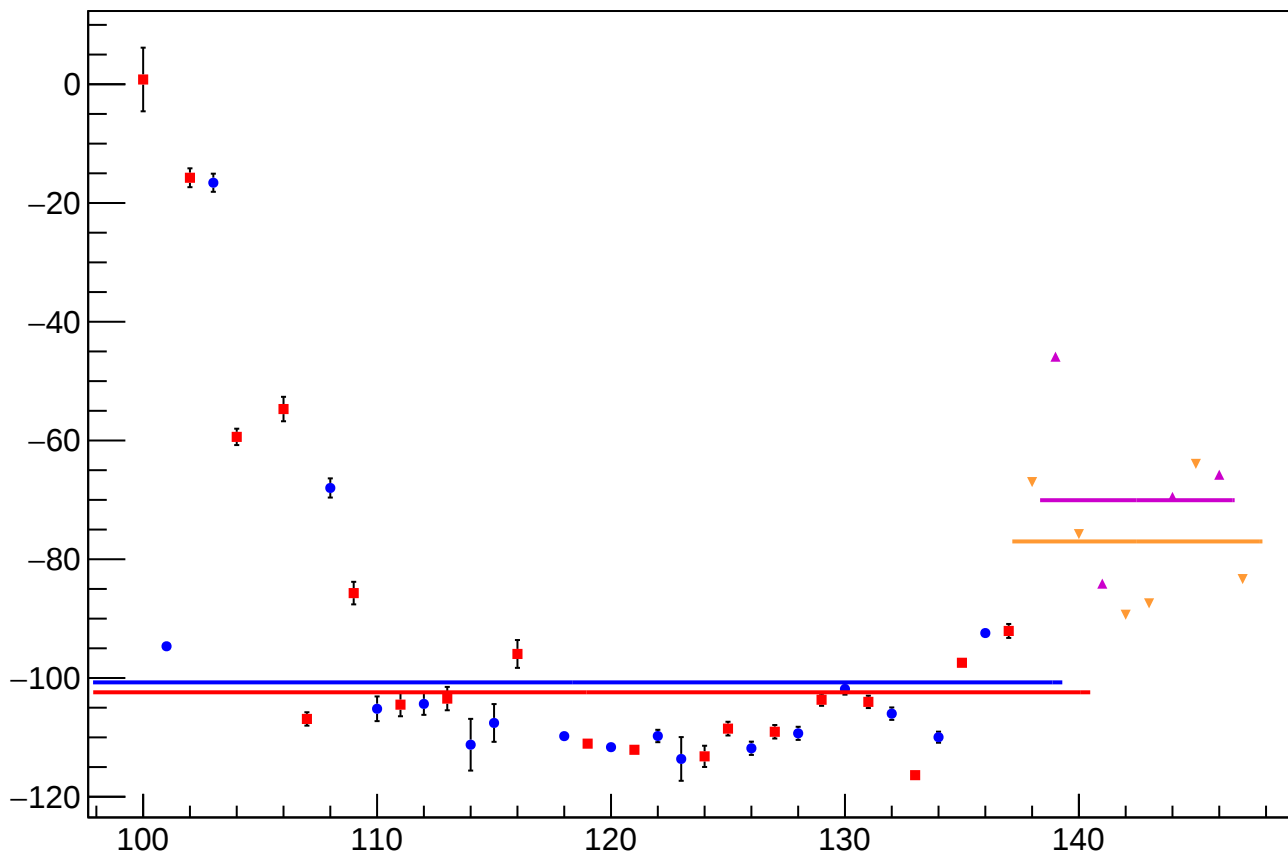
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 14.941 ± 0.208 $\chi^2/\text{NDF}: 3042.5/20$

Out: 12.846 ± 0.197 $\chi^2/\text{NDF}: 3841.2/24$

All: 13.834 ± 0.143 $\chi^2/\text{NDF}: 6937.3/45$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -77.000+/-0.189 χ^2/NDF : 2556.1/5

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -70.055+/-0.213 χ^2/NDF : 2009.0/3

Left: -73.951+/-0.141 χ^2/NDF : 5160.9/9

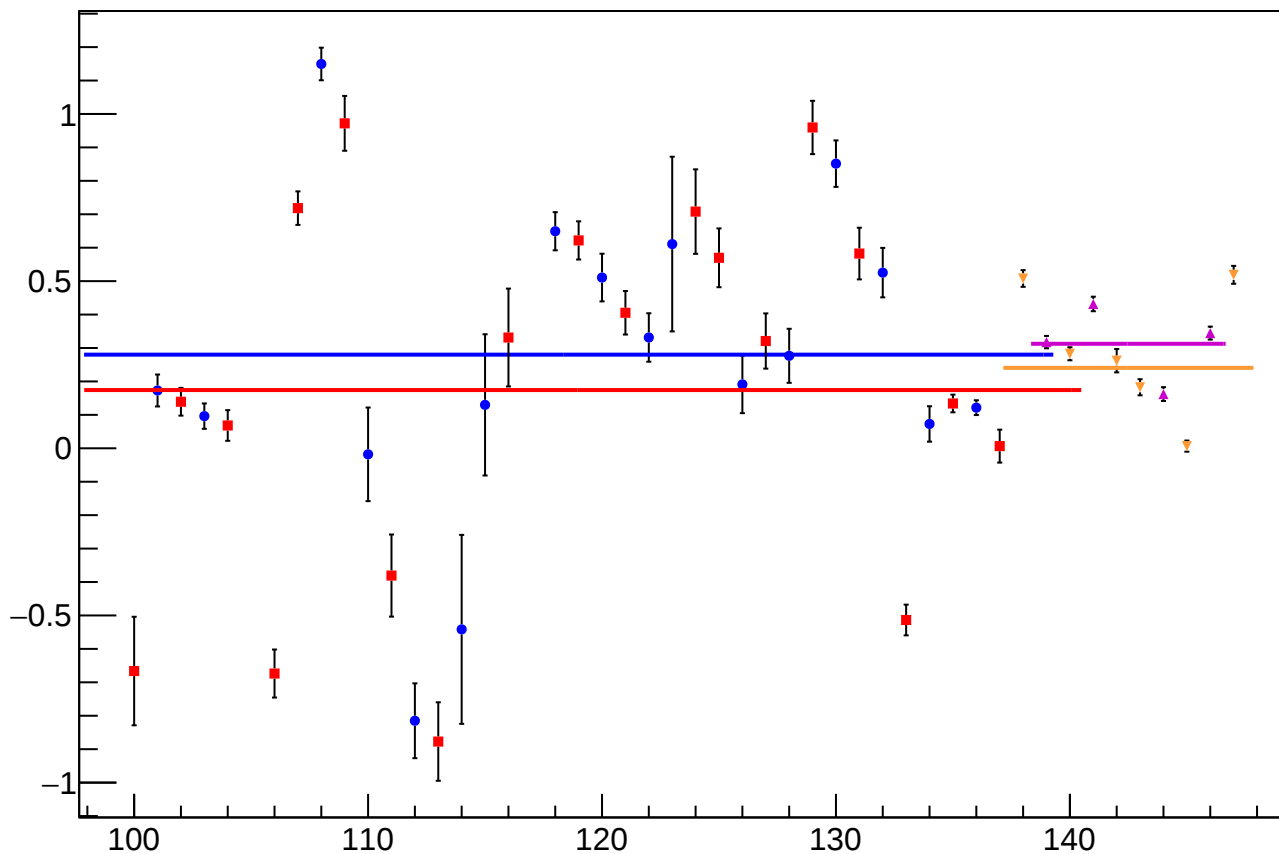
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -83.068+/-0.162 χ^2/NDF : 15321.2/20

Out: -86.407+/-0.150 χ^2/NDF : 15370.1/24

All: -84.867+/-0.110 χ^2/NDF : 30920.9/45

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: 0.241 ± 0.009 χ^2/NDF : 430.5/5

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.313 ± 0.010 χ^2/NDF : 85.5/3

Left: 0.274 ± 0.007 χ^2/NDF : 544.1/9

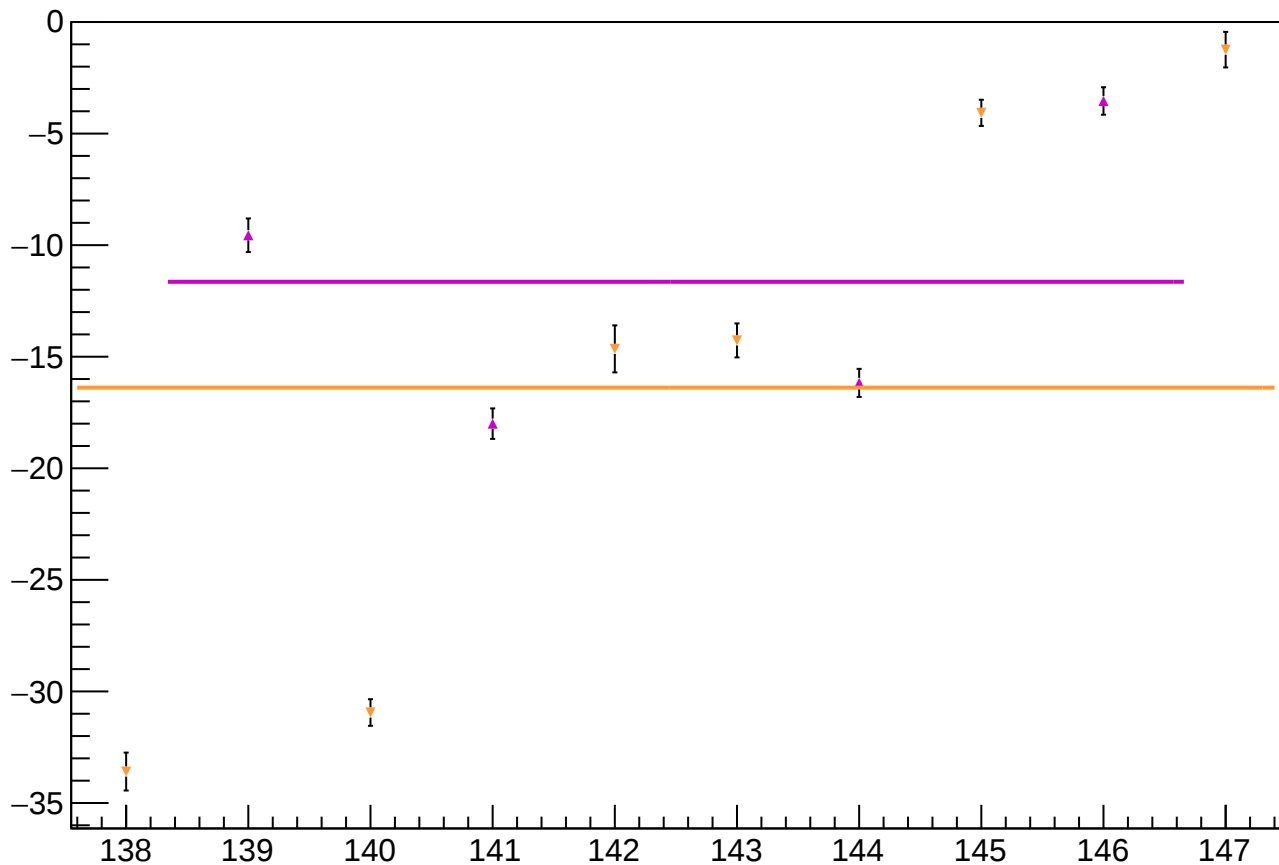
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.301 ± 0.008 χ^2/NDF : 745.7/20

Out: 0.219 ± 0.008 χ^2/NDF : 1411.2/24

All: 0.258 ± 0.006 χ^2/NDF : 2211.5/45

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: -16.385+/-0.297 χ^2/NDF :1819.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.642+/-0.332 χ^2/NDF :319.6/3

Left: -14.273+/-0.221 χ^2/NDF : 2252.1/9

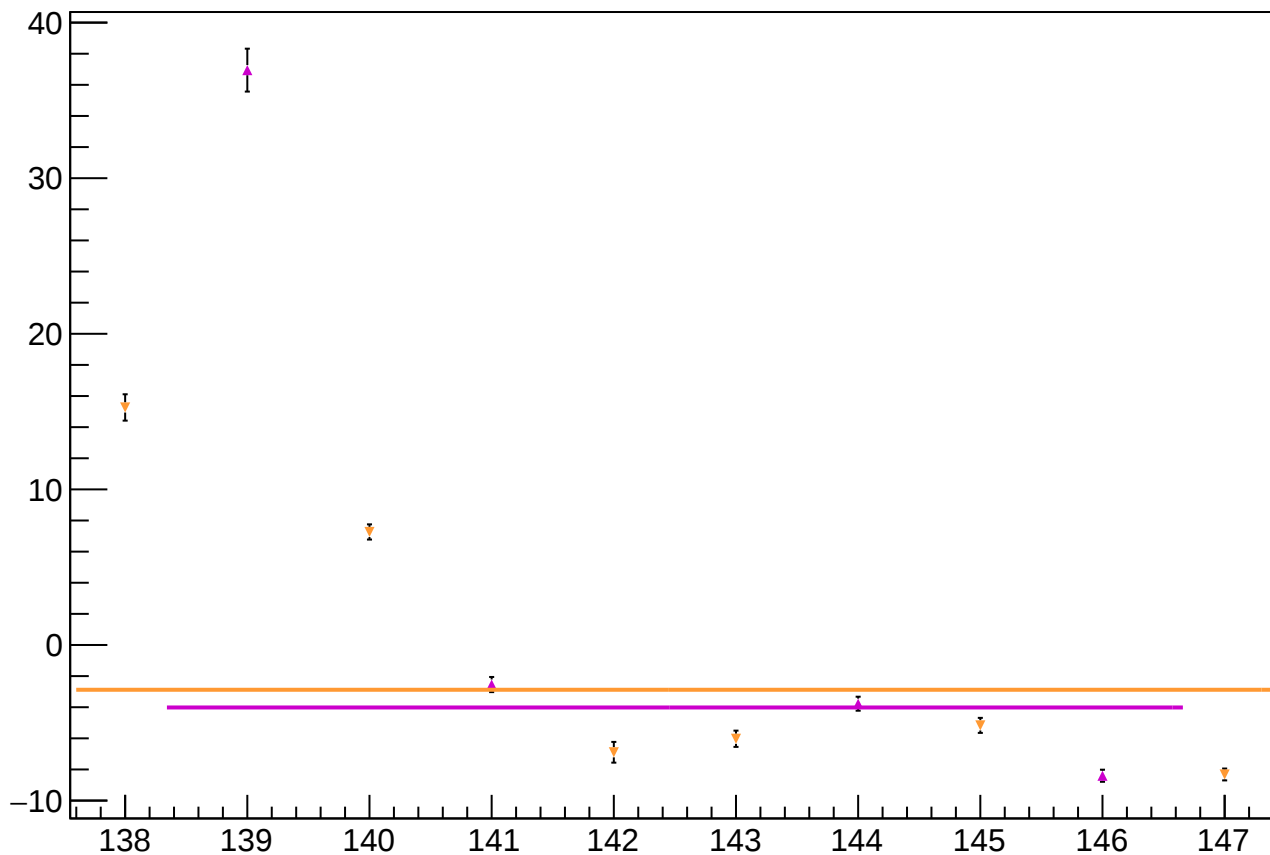
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.642+/-0.332 χ^2/NDF :319.6/3

Out: -16.385+/-0.297 χ^2/NDF :1819.2/5

All: -14.273+/-0.221 χ^2/NDF : 2252.1/9

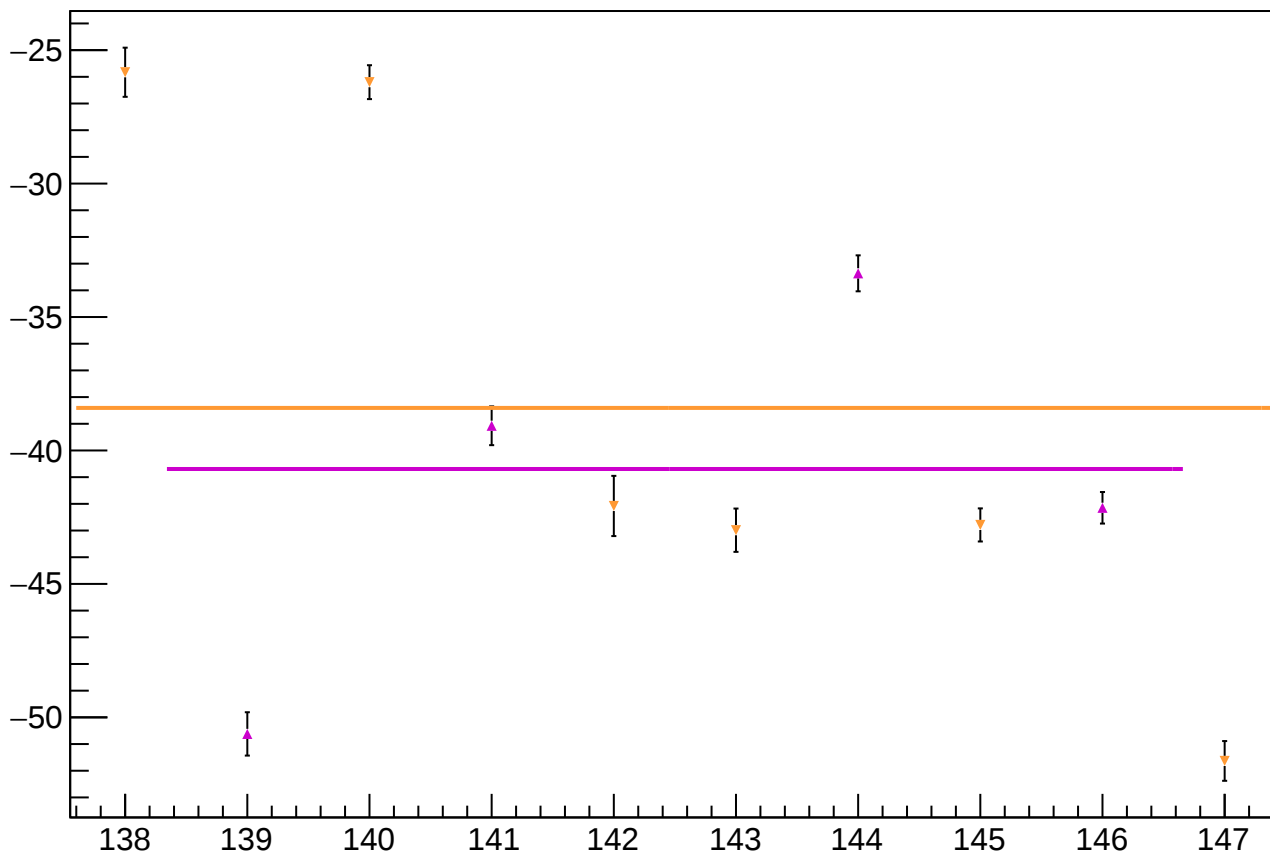
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.878+/-0.210 χ^2/NDF :1188.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.016+/-0.248 χ^2/NDF :1018.7/3

Left: -3.354+/-0.160 χ^2/NDF : 2219.0/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.016+/-0.248 χ^2/NDF :1018.7/3
 Out: -2.878+/-0.210 χ^2/NDF :1188.0/5
 All: -3.354+/-0.160 χ^2/NDF : 2219.0/9

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.406+/-0.311 χ^2/NDF :964.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.694+/-0.343 χ^2/NDF :278.7/3

Left: -39.435+/-0.230 χ^2/NDF : 1267.4/9

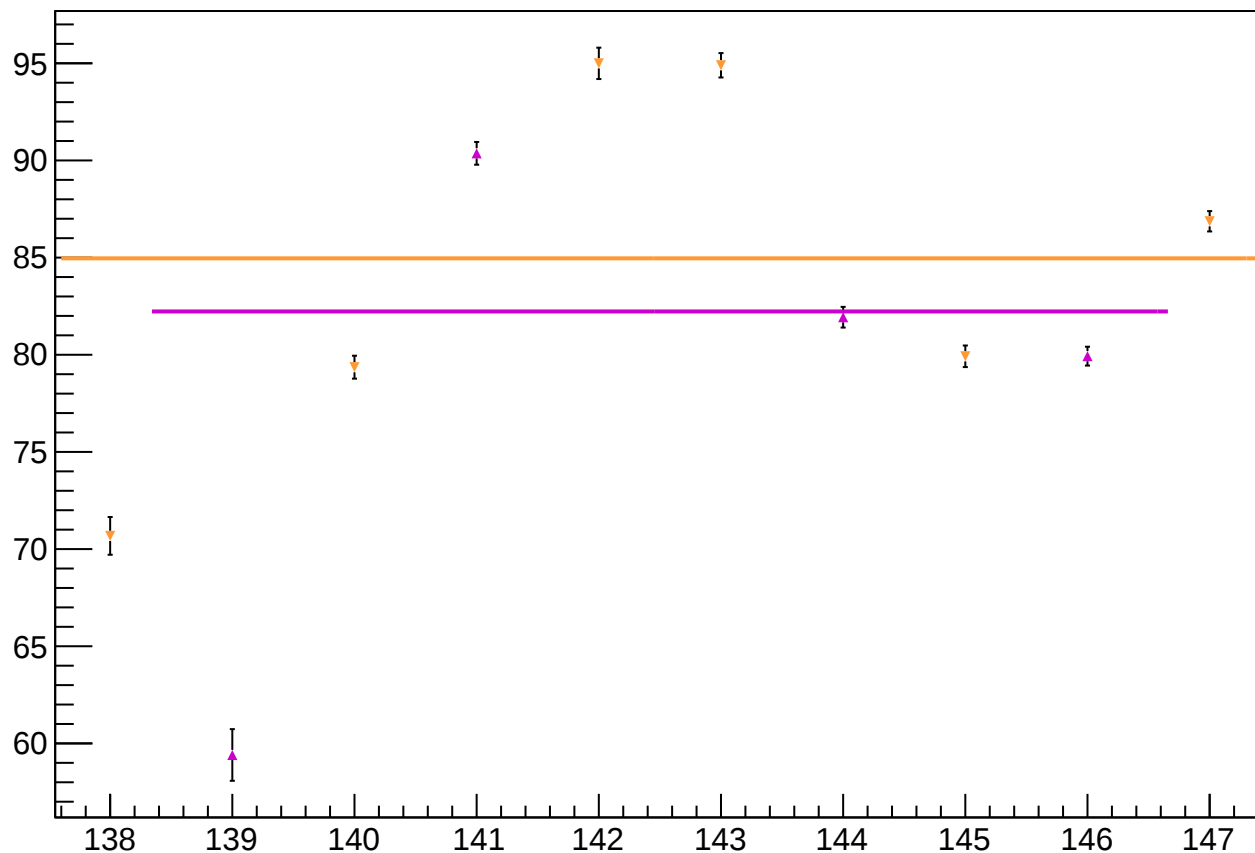
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.694+/-0.343 χ^2/NDF :278.7/3

Out: -38.406+/-0.311 χ^2/NDF :964.3/5

All: -39.435+/-0.230 χ^2/NDF : 1267.4/9

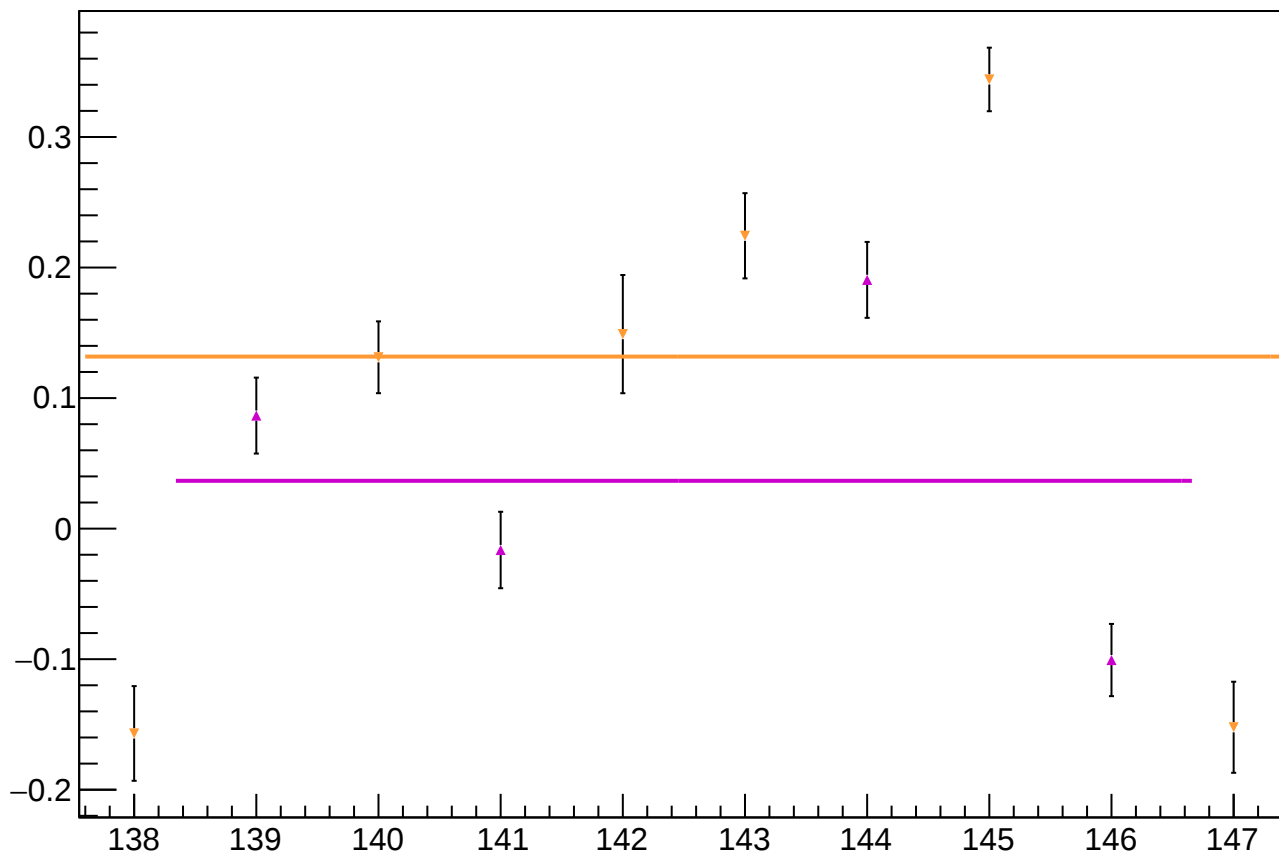
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.963+/-0.259 χ^2/NDF : 807.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 82.229+/-0.298 χ^2/NDF : 510.5/3

Left: 83.786+/-0.195 χ^2/NDF : 1365.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 82.229+/-0.298 χ^2/NDF : 510.5/3
 Out: 84.963+/-0.259 χ^2/NDF : 807.5/5
 All: 83.786+/-0.195 χ^2/NDF : 1365.9/9

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: 0.132+/-0.013 χ^2/NDF :213.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.037+/-0.014 χ^2/NDF :58.9/3

Left: 0.089+/-0.010 χ^2/NDF : 297.0/9

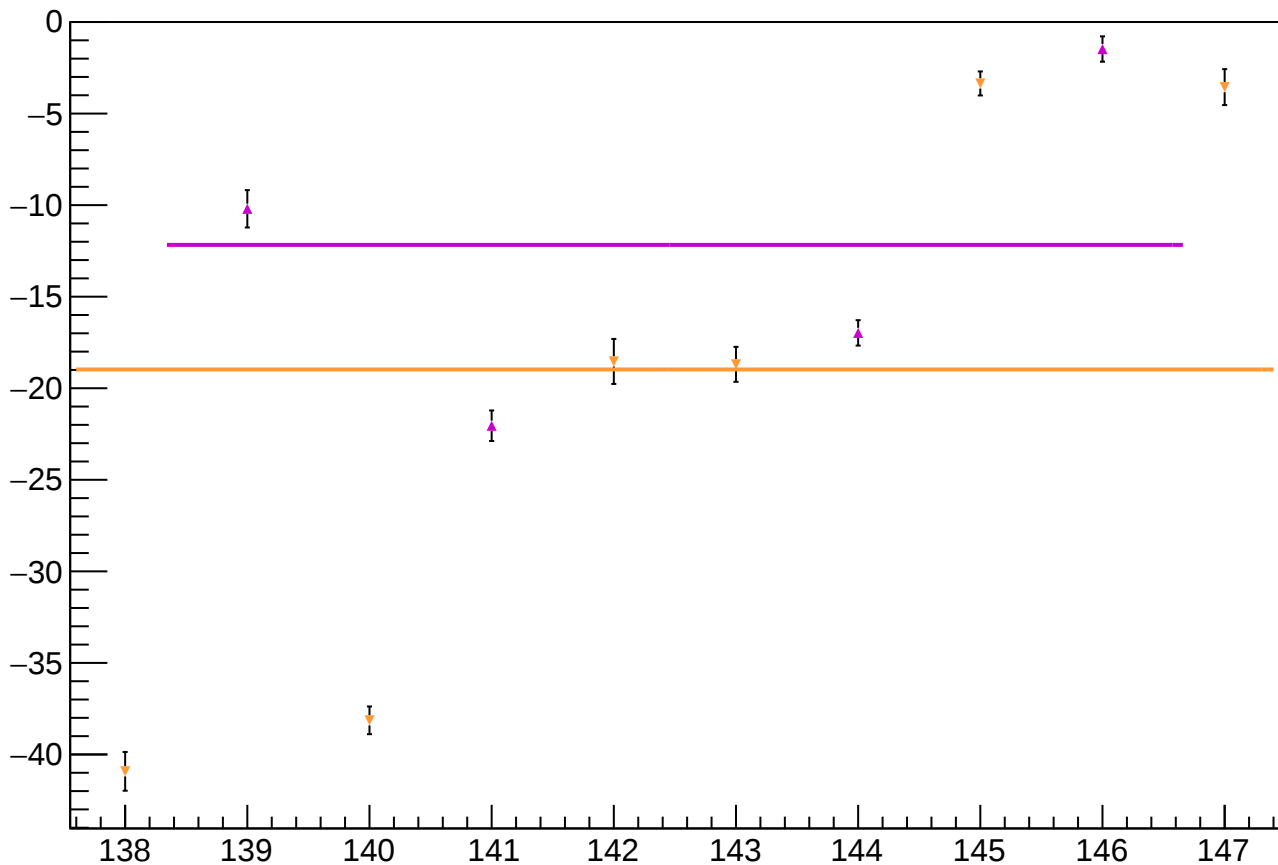
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.037+/-0.014 χ^2/NDF :58.9/3

Out: 0.132+/-0.013 χ^2/NDF :213.9/5

All: 0.089+/-0.010 χ^2/NDF : 297.0/9

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.976+/-0.359 χ^2/NDF :1886.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.171+/-0.390 χ^2/NDF :430.9/3

Left: -15.858+/-0.264 χ^2/NDF : 2482.3/9

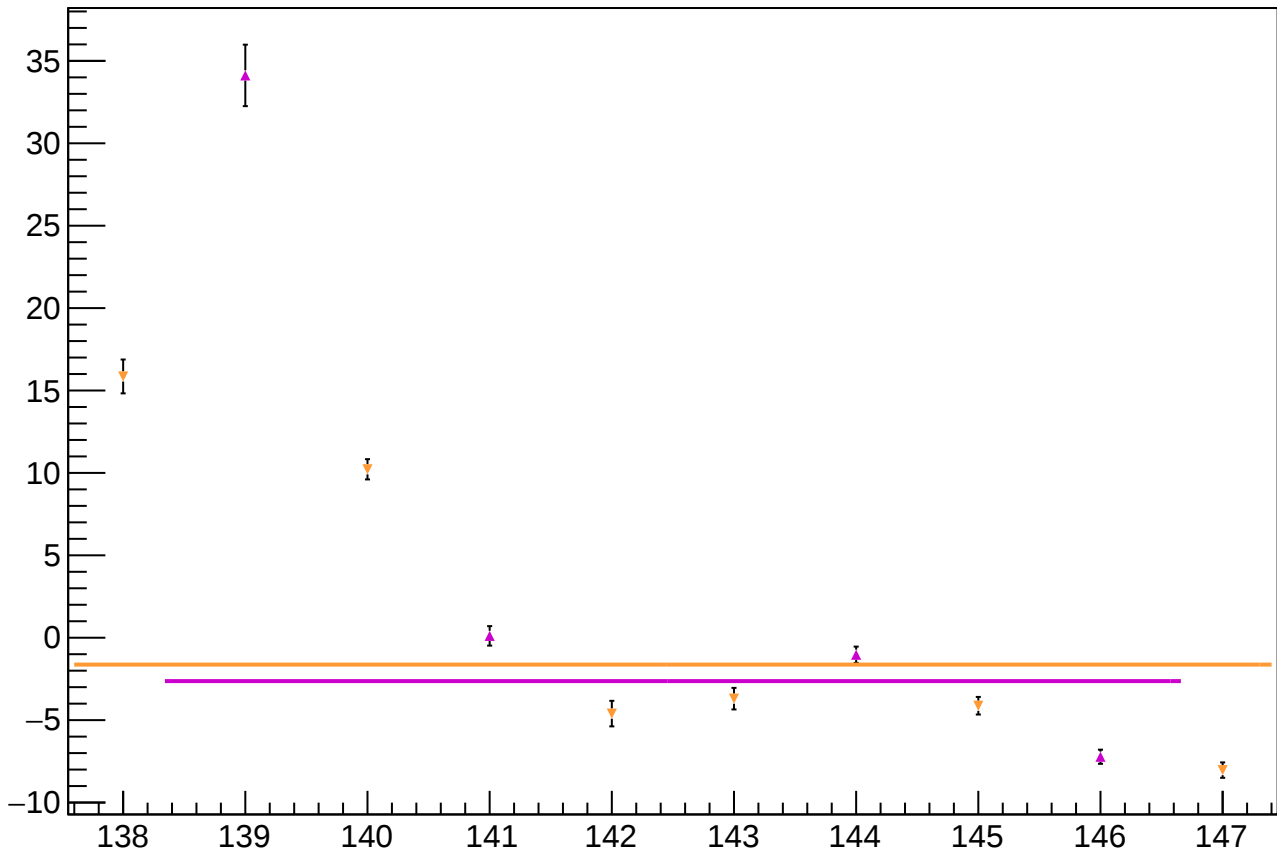
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.171+/-0.390 χ^2/NDF :430.9/3

Out: -18.976+/-0.359 χ^2/NDF :1886.6/5

All: -15.858+/-0.264 χ^2/NDF : 2482.3/9

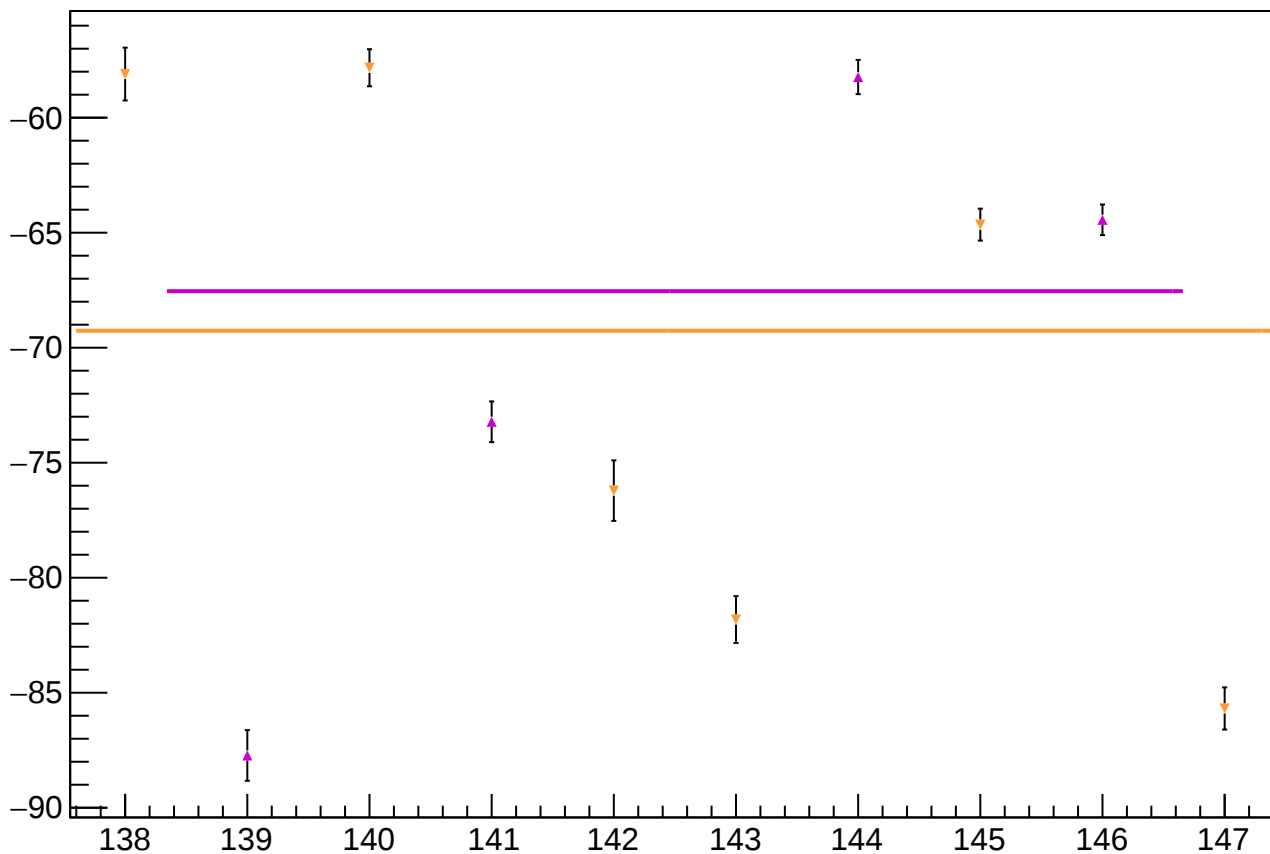
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.630+/-0.252 χ^2/NDF : 896.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.632+/-0.281 χ^2/NDF : 534.9/3

Left: -2.078+/-0.188 χ^2/NDF : 1438.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.632+/-0.281 χ^2/NDF : 534.9/3
 Out: -1.630+/-0.252 χ^2/NDF : 896.5/5
 All: -2.078+/-0.188 χ^2/NDF : 1438.5/9

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: -69.262+/-0.375 χ^2/NDF :840.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -67.541+/-0.403 χ^2/NDF :555.0/3

Left: -68.463+/-0.274 χ^2/NDF : 1405.5/9

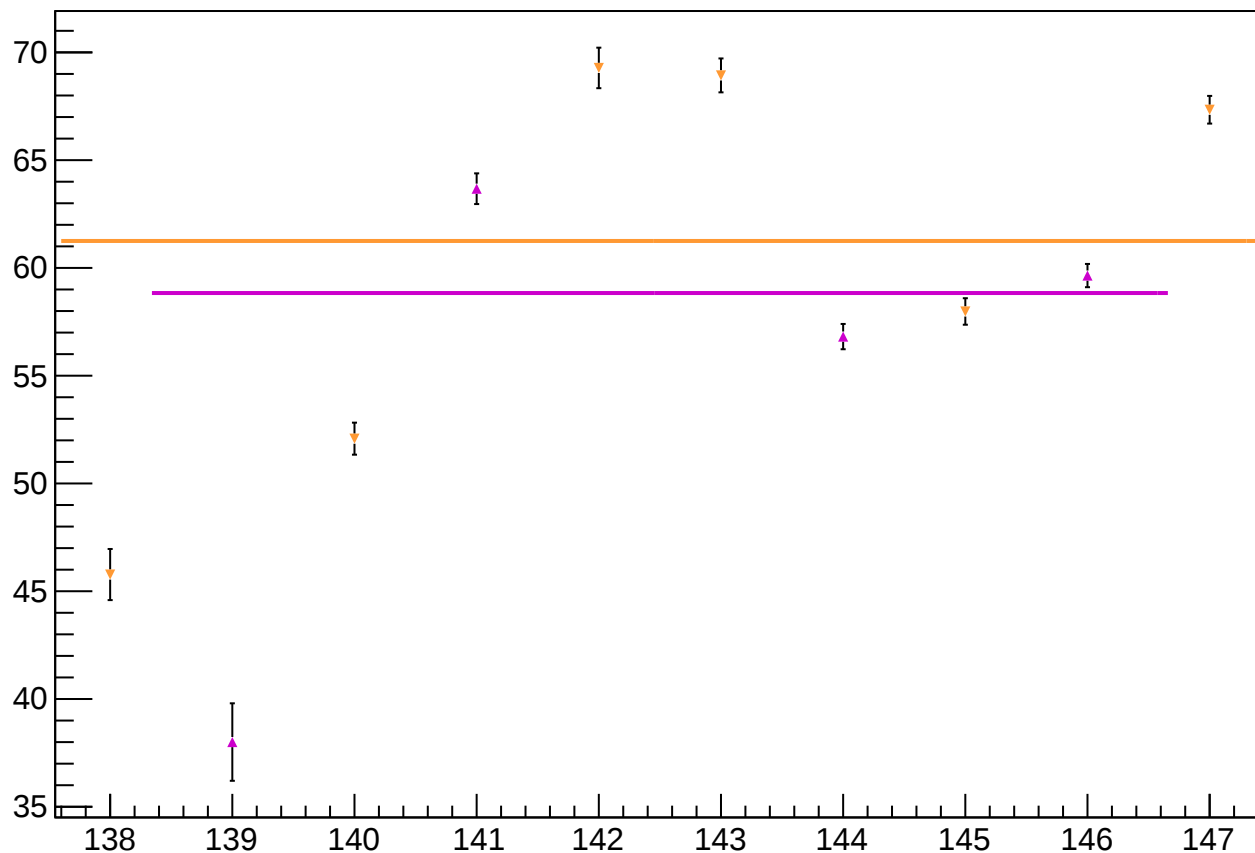
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.541+/-0.403 χ^2/NDF :555.0/3

Out: -69.262+/-0.375 χ^2/NDF :840.7/5

All: -68.463+/-0.274 χ^2/NDF : 1405.5/9

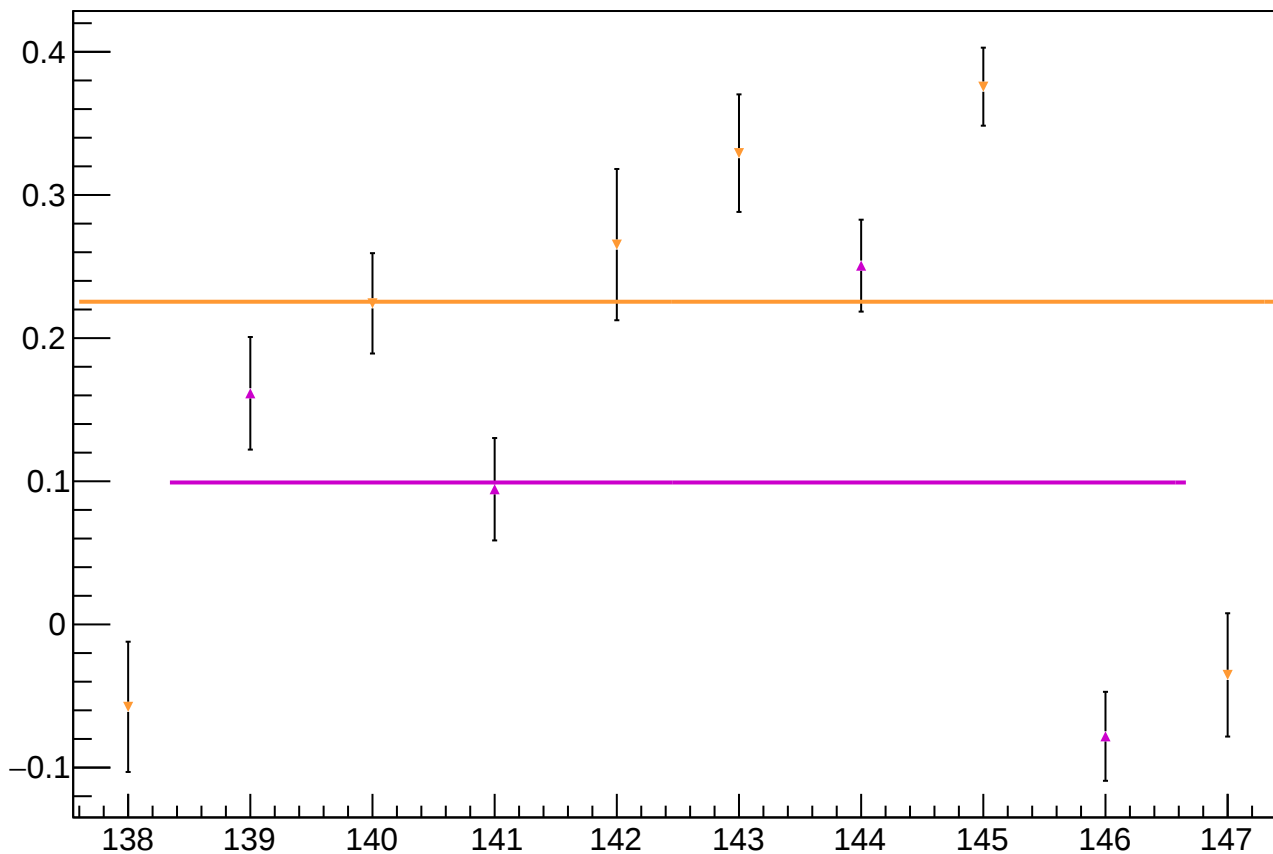
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 61.251+/-0.311 χ^2/NDF :609.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 58.835+/-0.341 χ^2/NDF :194.6/3

Left: 60.153+/-0.230 χ^2/NDF : 831.4/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 58.835+/-0.341 χ^2/NDF :194.6/3
 Out: 61.251+/-0.311 χ^2/NDF :609.3/5
 All: 60.153+/-0.230 χ^2/NDF : 831.4/9

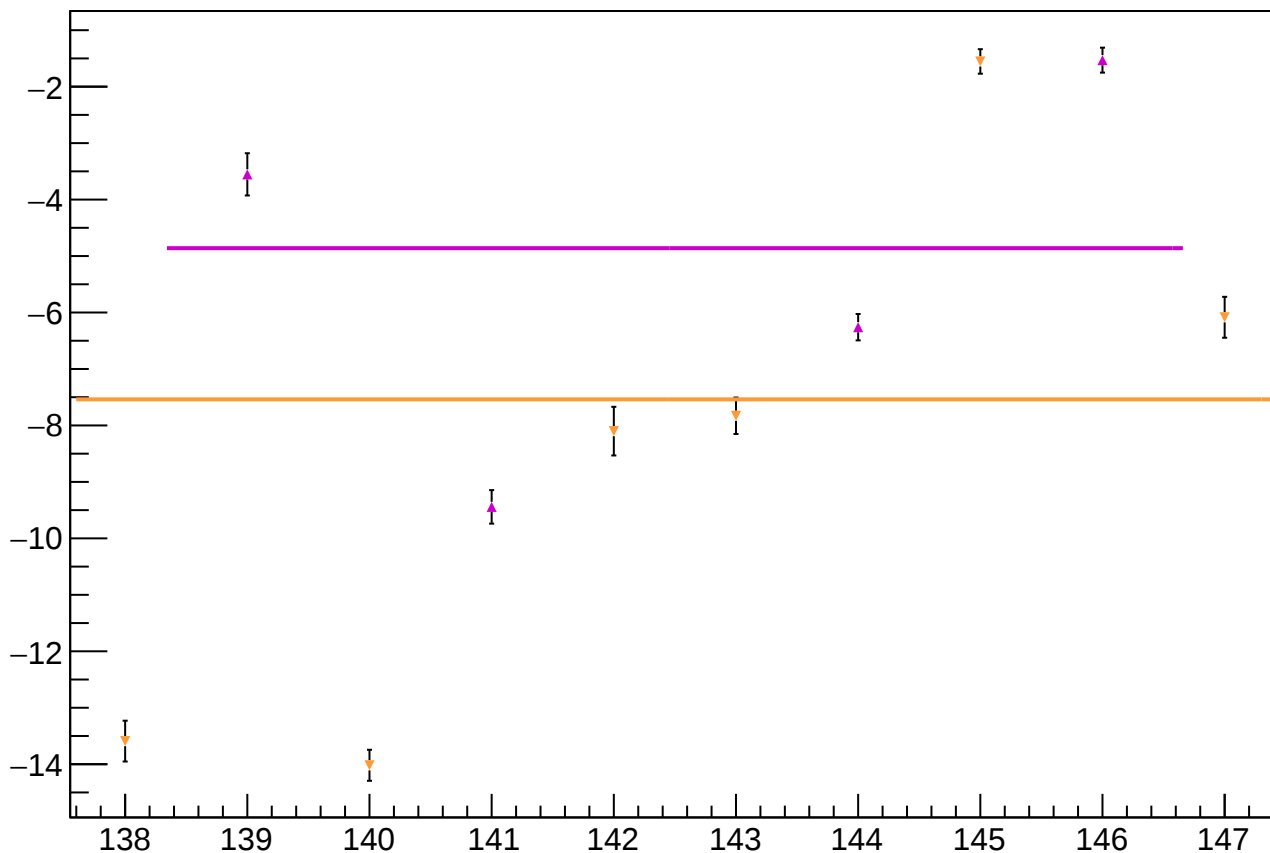
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.225 $\pm$ 0.016 χ^2 /NDF:112.7/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3

Left: 0.168 $\pm$ 0.011 χ^2 /NDF: 199.9/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3
 Out: 0.225 $\pm$ 0.016 χ^2 /NDF:112.7/5
 All: 0.168 $\pm$ 0.011 χ^2 /NDF: 199.9/9

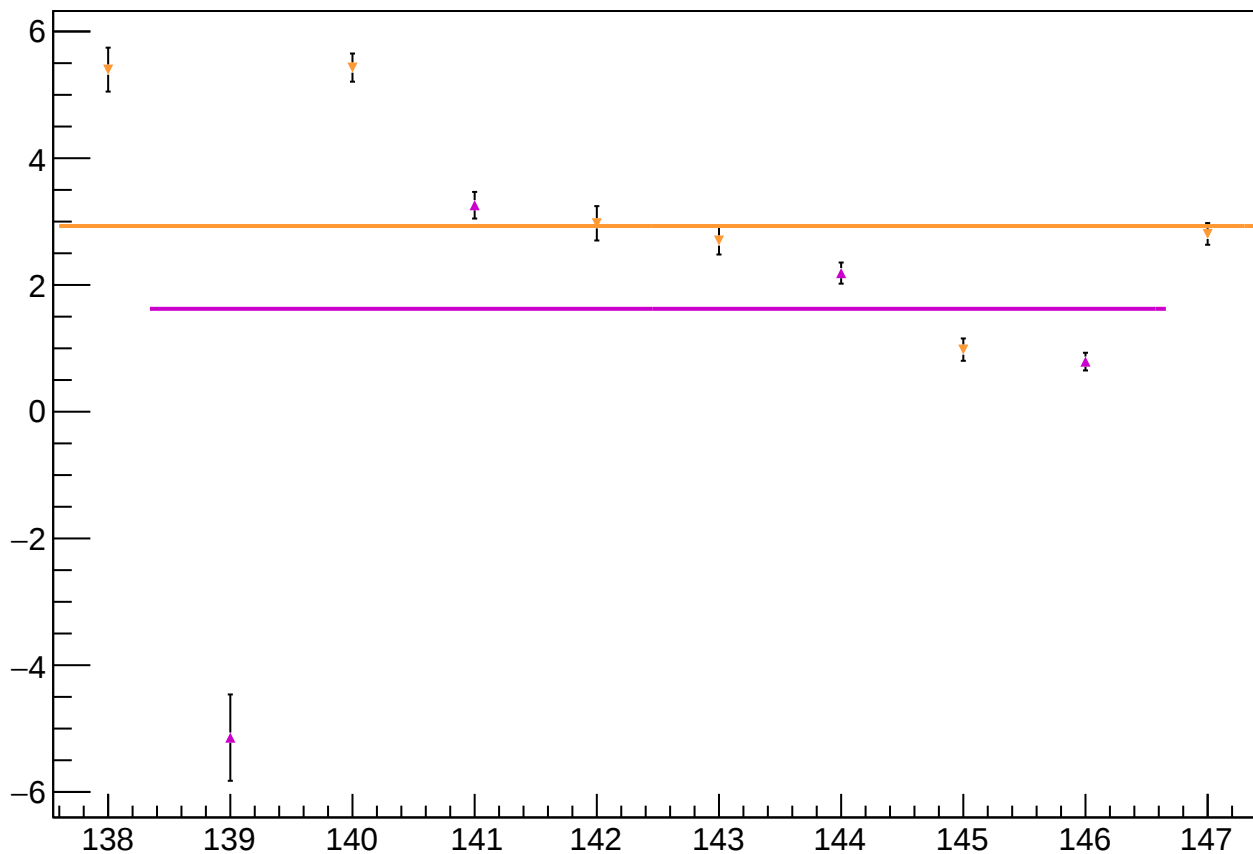
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.538+/-0.124 χ^2/NDF :1616.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.860+/-0.132 χ^2/NDF :513.5/3

Left: -6.281+/-0.091 χ^2/NDF : 2347.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.860+/-0.132 χ^2/NDF :513.5/3
 Out: -7.538+/-0.124 χ^2/NDF :1616.3/5
 All: -6.281+/-0.091 χ^2/NDF : 2347.7/9

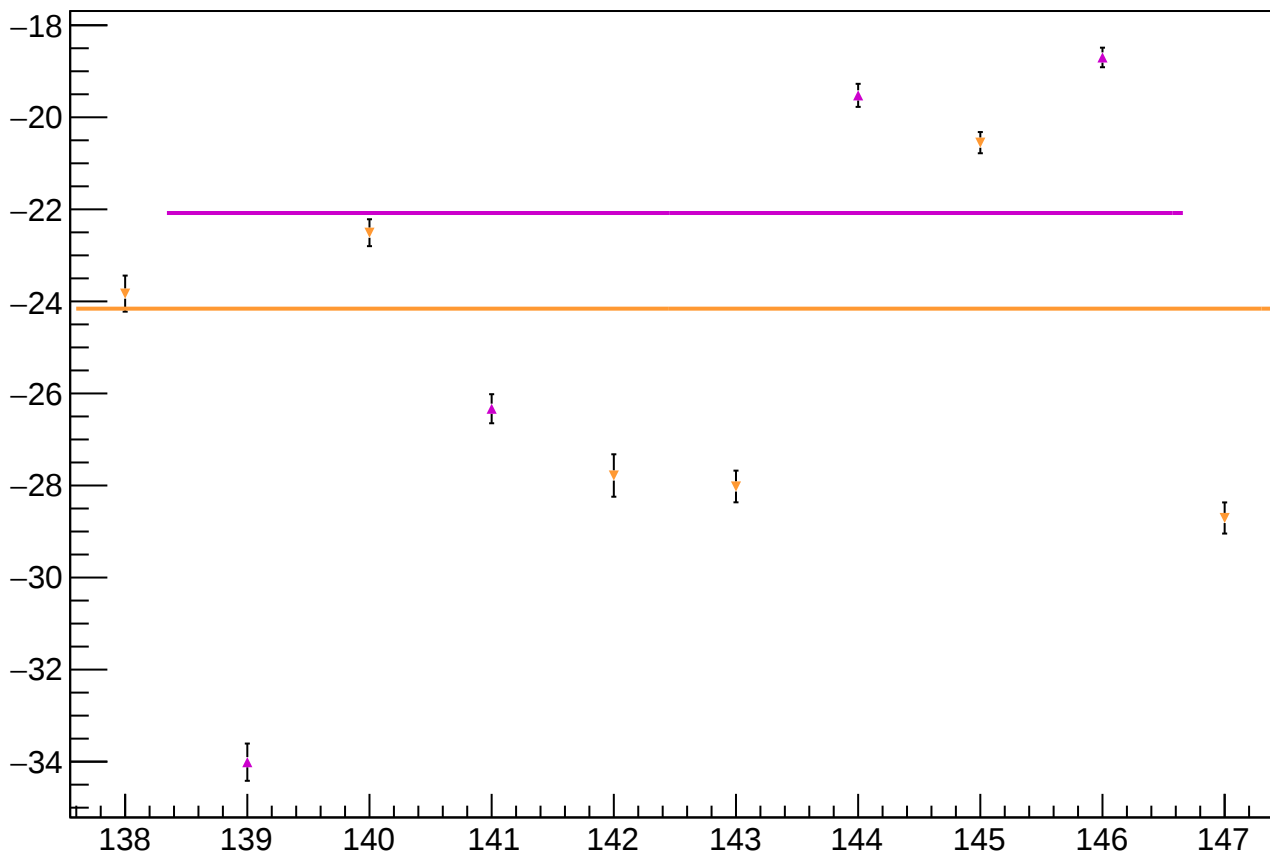
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.930 $\pm$ 0.088 χ^2 /NDF:301.2/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.624 $\pm$ 0.094 χ^2 /NDF:206.2/3

Left: 2.323 $\pm$ 0.064 χ^2 /NDF: 609.8/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.624 $\pm$ 0.094 χ^2 /NDF:206.2/3
 Out: 2.930 $\pm$ 0.088 χ^2 /NDF:301.2/5
 All: 2.323 $\pm$ 0.064 χ^2 /NDF: 609.8/9

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: -24.158+/-0.130 χ^2/NDF : 646.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.079+/-0.136 χ^2/NDF : 1408.3/3

Left: -23.162+/-0.094 χ^2/NDF : 2176.5/9

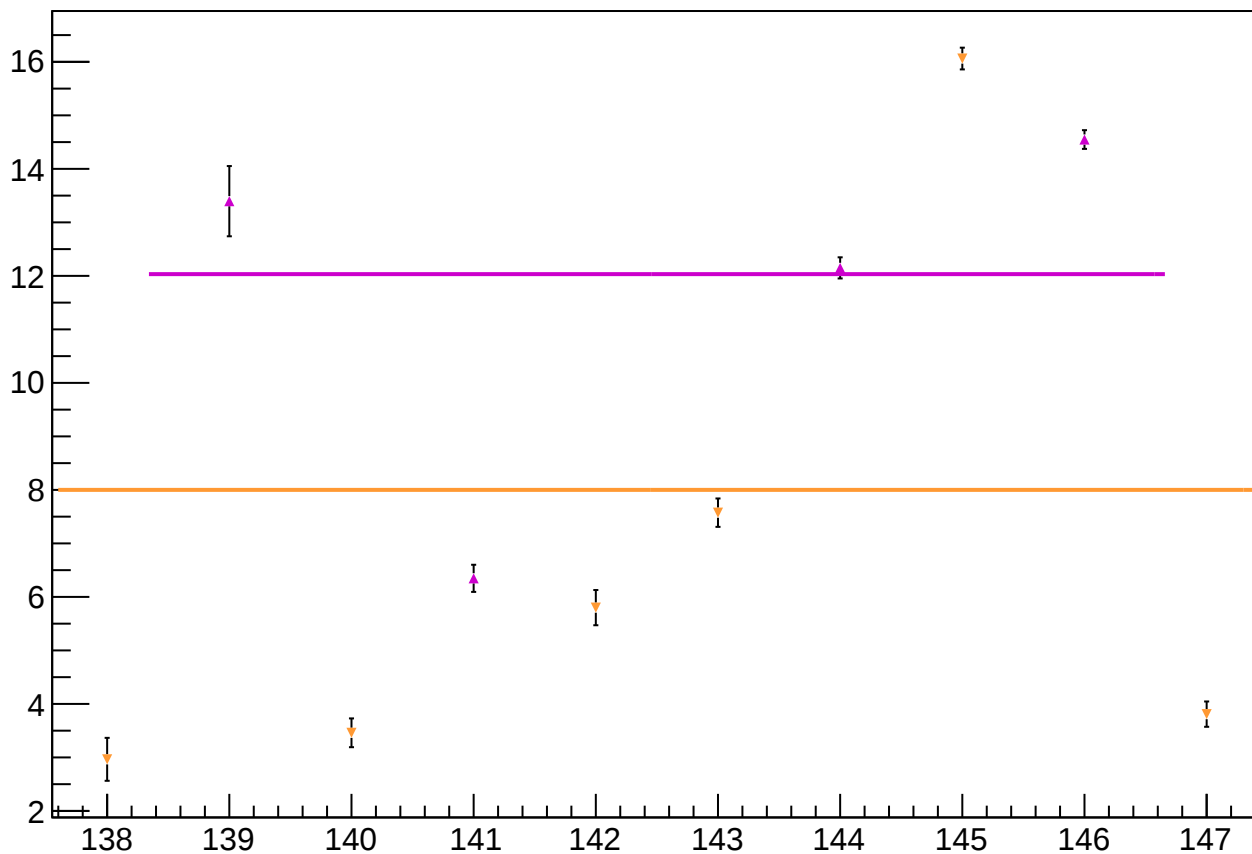
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.079+/-0.136 χ^2/NDF : 1408.3/3

Out: -24.158+/-0.130 χ^2/NDF : 646.2/5

All: -23.162+/-0.094 χ^2/NDF : 2176.5/9

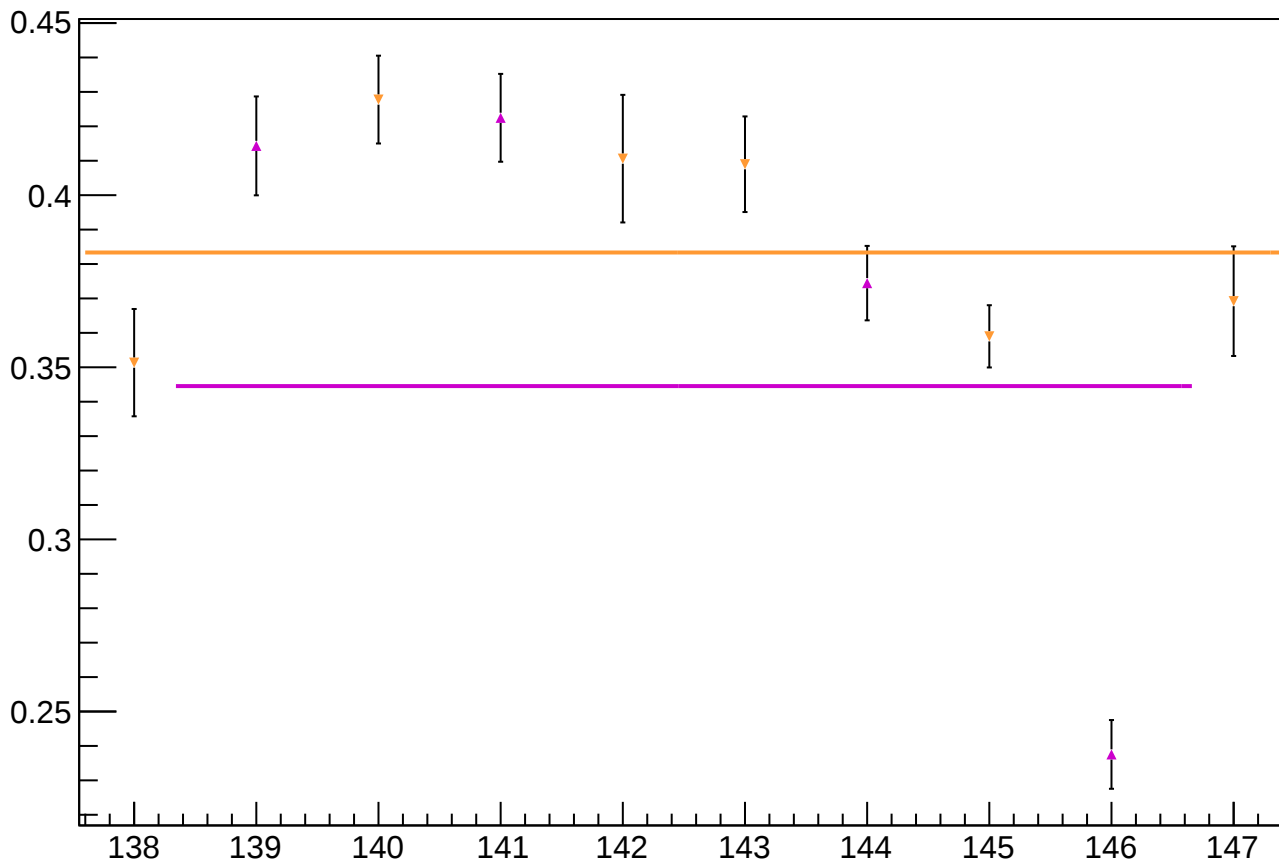
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.033+/-0.115 χ^2/NDF :714.1/3

Left: 9.900+/-0.079 χ^2/NDF : 3746.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.033+/-0.115 χ^2/NDF :714.1/3
 Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 All: 9.900+/-0.079 χ^2/NDF : 3746.2/9

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: 0.383+/-0.005 χ^2/NDF :30.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.345+/-0.006 χ^2/NDF :183.3/3

Left: 0.365+/-0.004 χ^2/NDF : 237.3/9

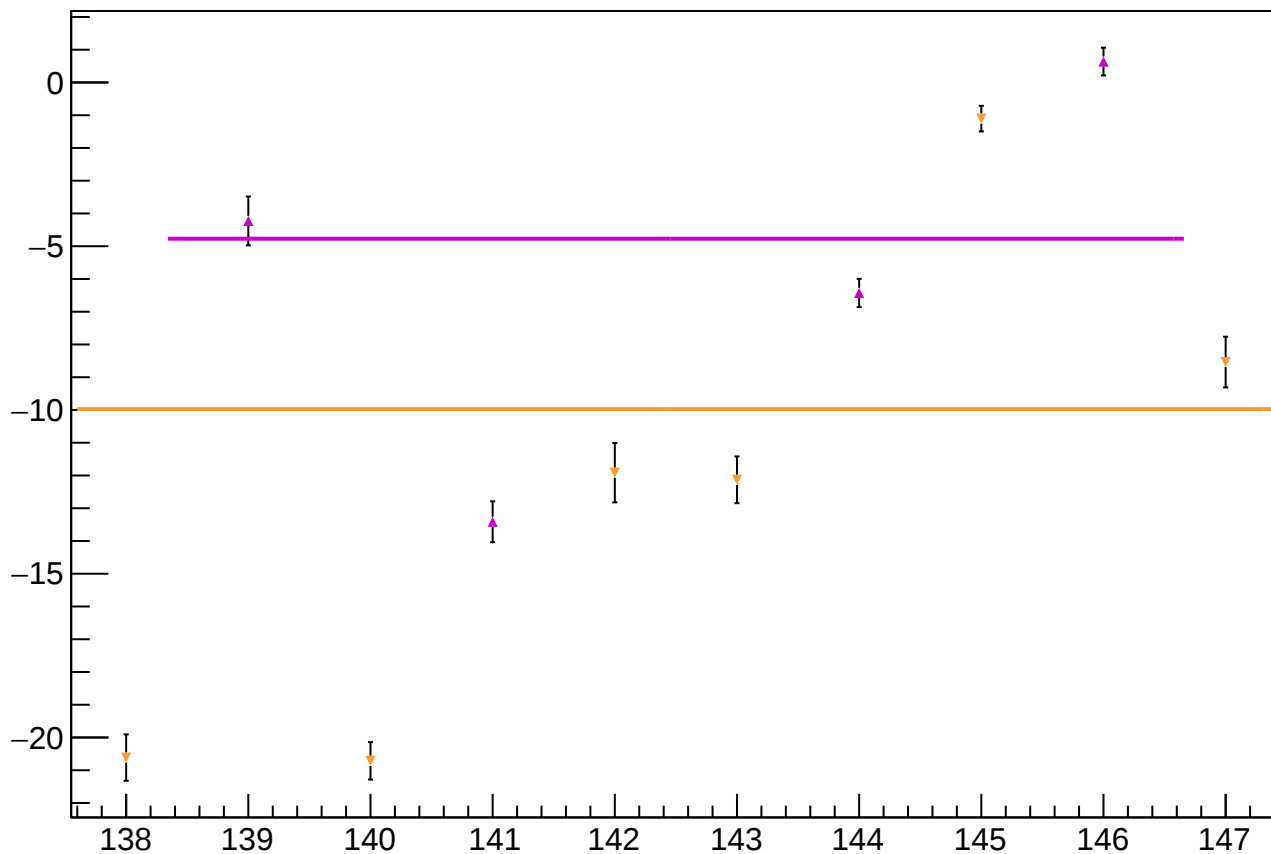
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.345+/-0.006 χ^2/NDF :183.3/3

Out: 0.383+/-0.005 χ^2/NDF :30.0/5

All: 0.365+/-0.004 χ^2/NDF : 237.3/9

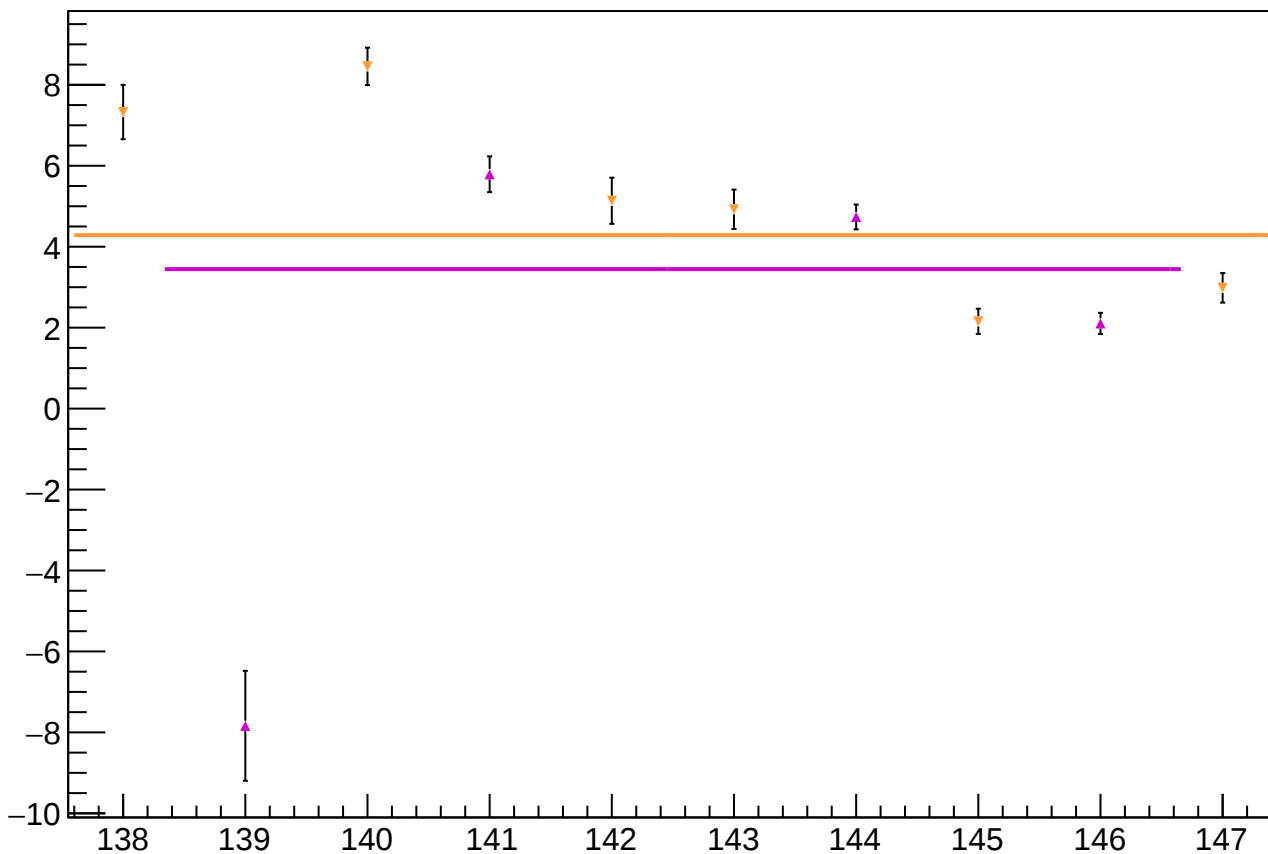
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.972+/-0.246 χ^2 /NDF:1112.8/5
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -4.770+/-0.256 χ^2 /NDF:369.0/3

Left: -7.468+/-0.177 χ^2 /NDF: 1696.5/9
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -4.770+/-0.256 χ^2 /NDF:369.0/3
 Out: -9.972+/-0.246 χ^2 /NDF:1112.8/5
 All: -7.468+/-0.177 χ^2 /NDF: 1696.5/9

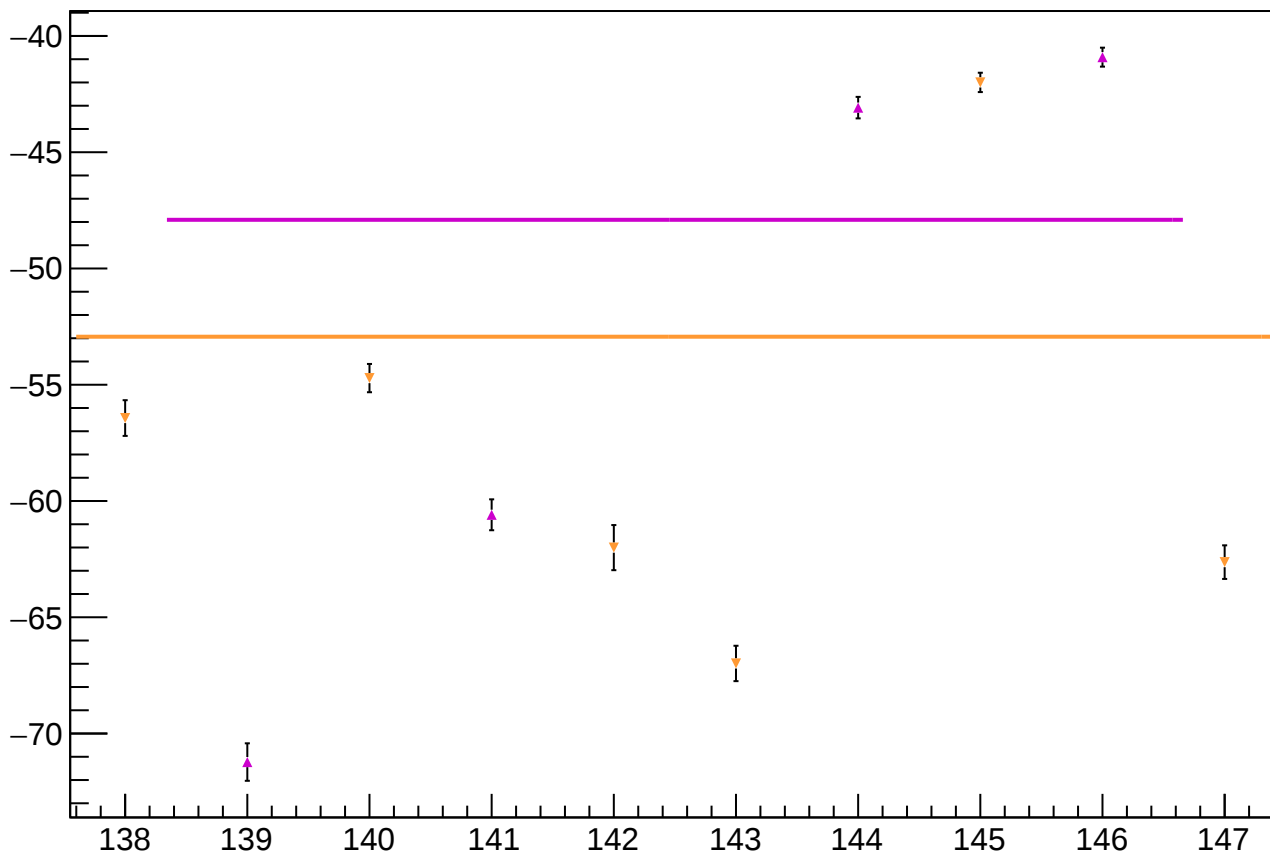
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.446+/-0.180 χ^2/NDF :140.9/3

Left: 3.873+/-0.126 χ^2/NDF : 316.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.446+/-0.180 χ^2/NDF :140.9/3
 Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 All: 3.873+/-0.126 χ^2/NDF : 316.9/9

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.934+/-0.259 χ^2/NDF :1329.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.906+/-0.263 χ^2/NDF :1604.6/3

Left: -50.454+/-0.185 χ^2/NDF : 3119.7/9

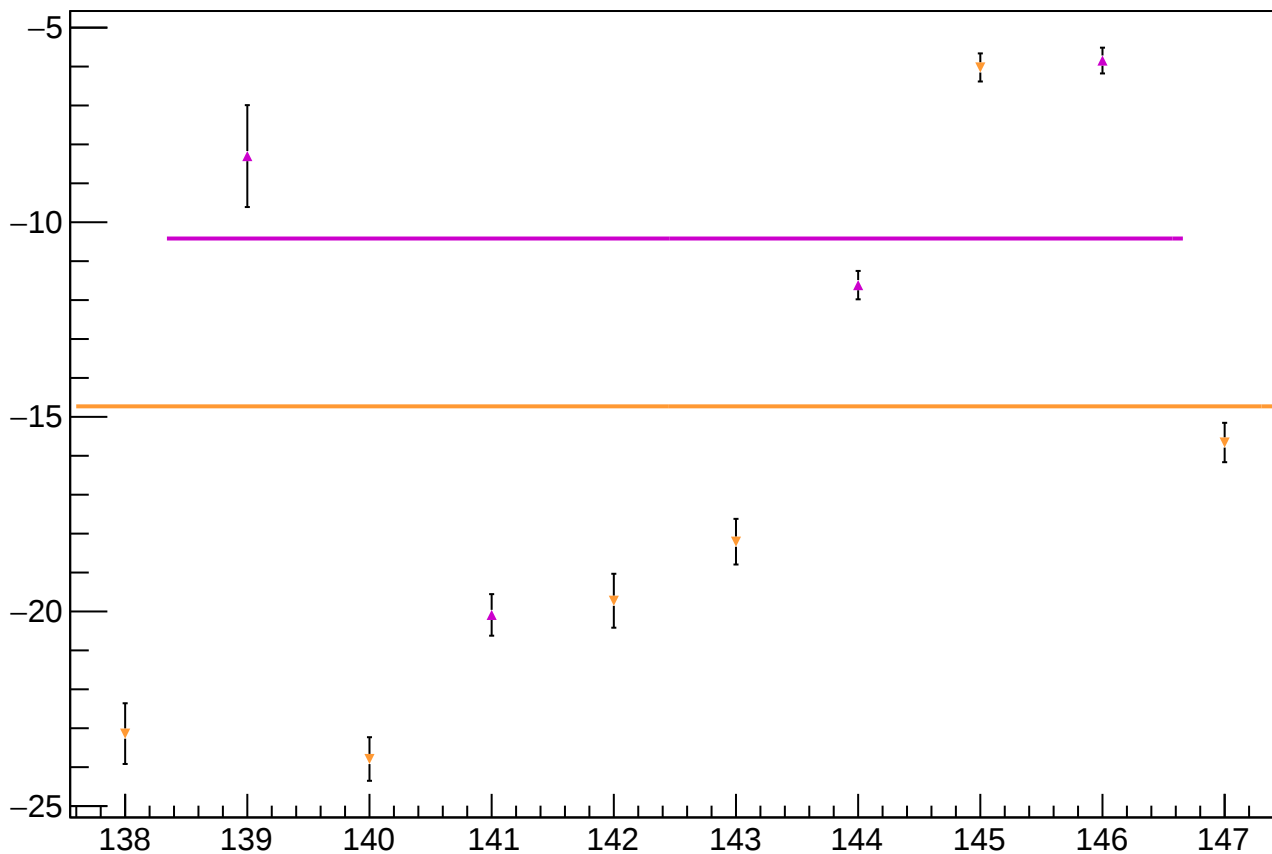
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.906+/-0.263 χ^2/NDF :1604.6/3

Out: -52.934+/-0.259 χ^2/NDF :1329.5/5

All: -50.454+/-0.185 χ^2/NDF : 3119.7/9

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.730+/-0.216 χ^2/NDF :1050.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.418+/-0.220 χ^2/NDF :532.1/3

Left: -12.609+/-0.154 χ^2/NDF : 1778.7/9

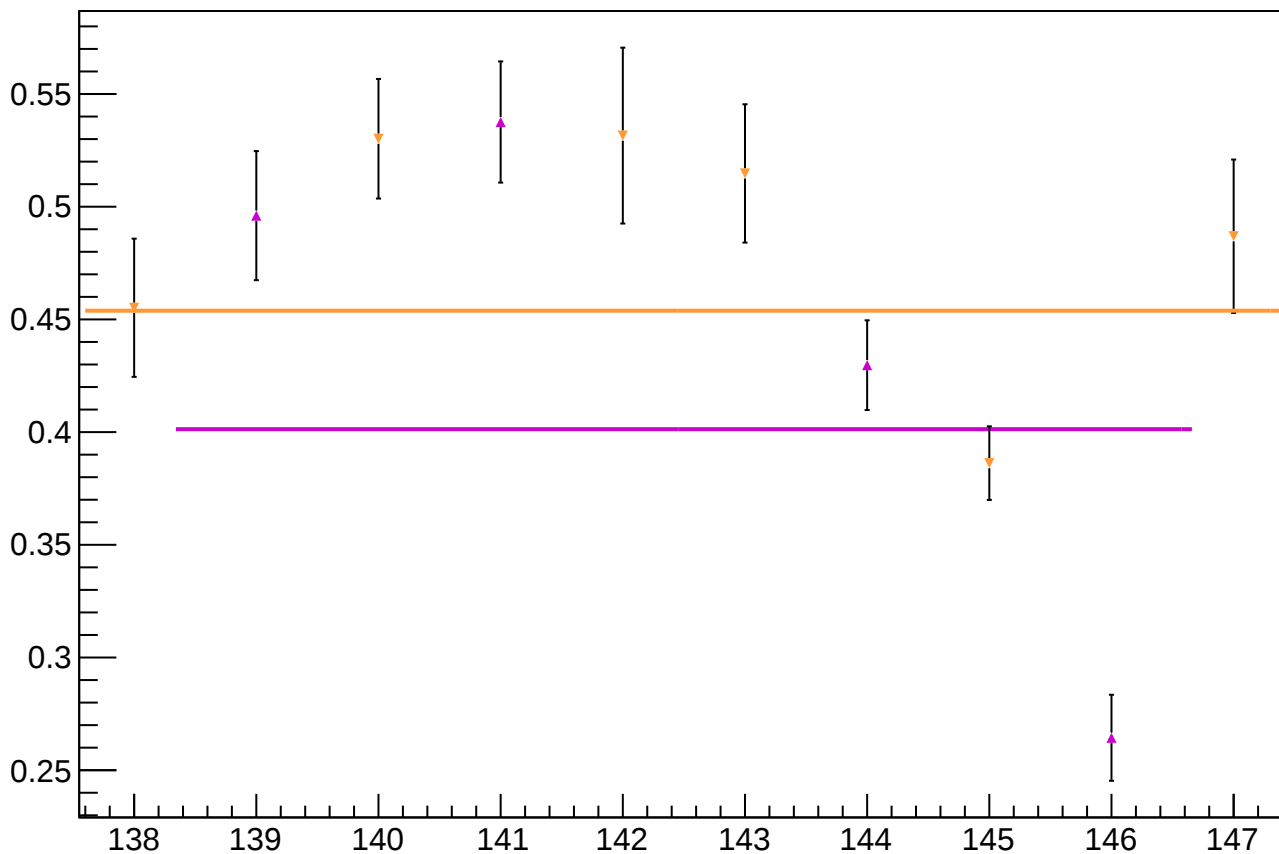
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.418+/-0.220 χ^2/NDF :532.1/3

Out: -14.730+/-0.216 χ^2/NDF :1050.7/5

All: -12.609+/-0.154 χ^2/NDF : 1778.7/9

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.3/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Left: 0.429 $\pm$ 0.008 χ^2 /NDF: 135.9/9

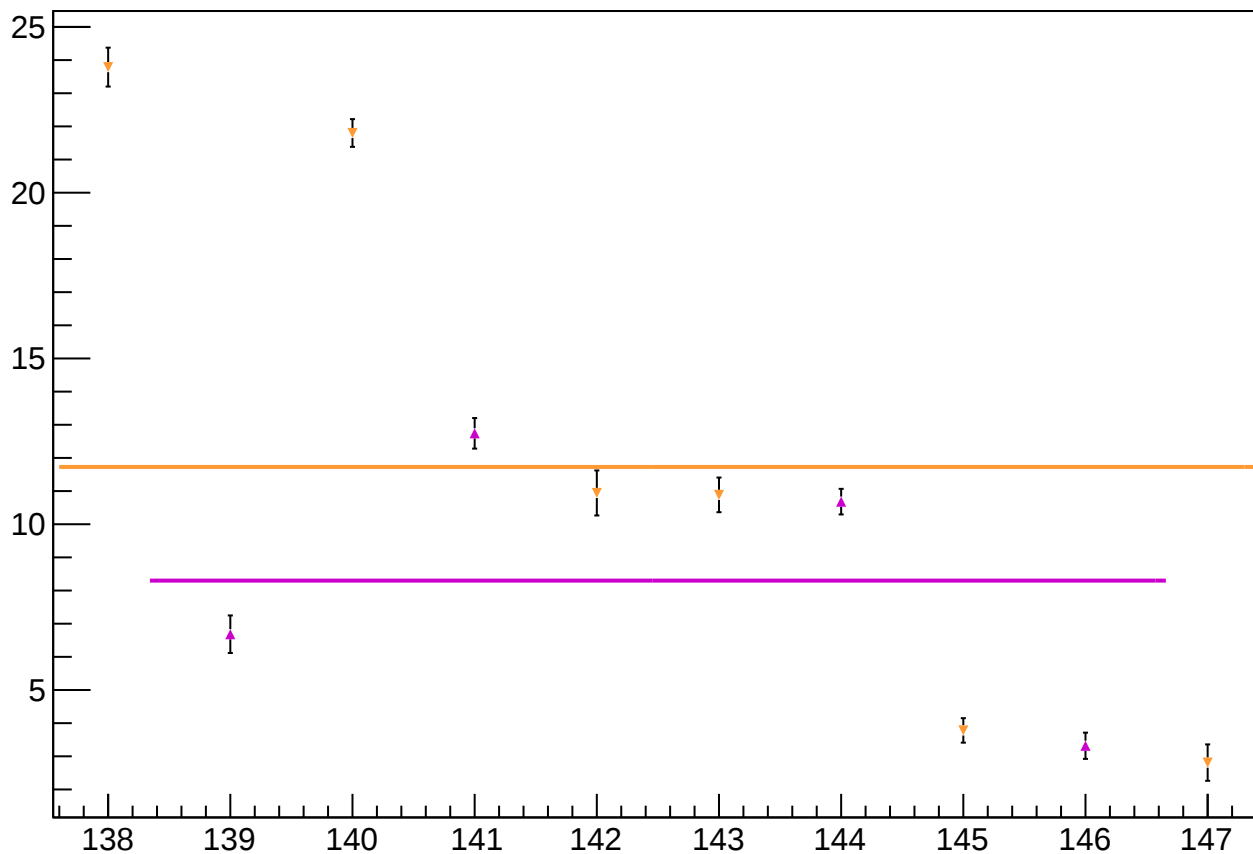
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.3/5

All: 0.429 $\pm$ 0.008 χ^2 /NDF: 135.9/9

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: 11.728+/-0.200 χ^2/NDF :1732.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.300+/-0.219 χ^2/NDF :297.5/3

Left: 10.170+/-0.147 χ^2/NDF : 2164.5/9

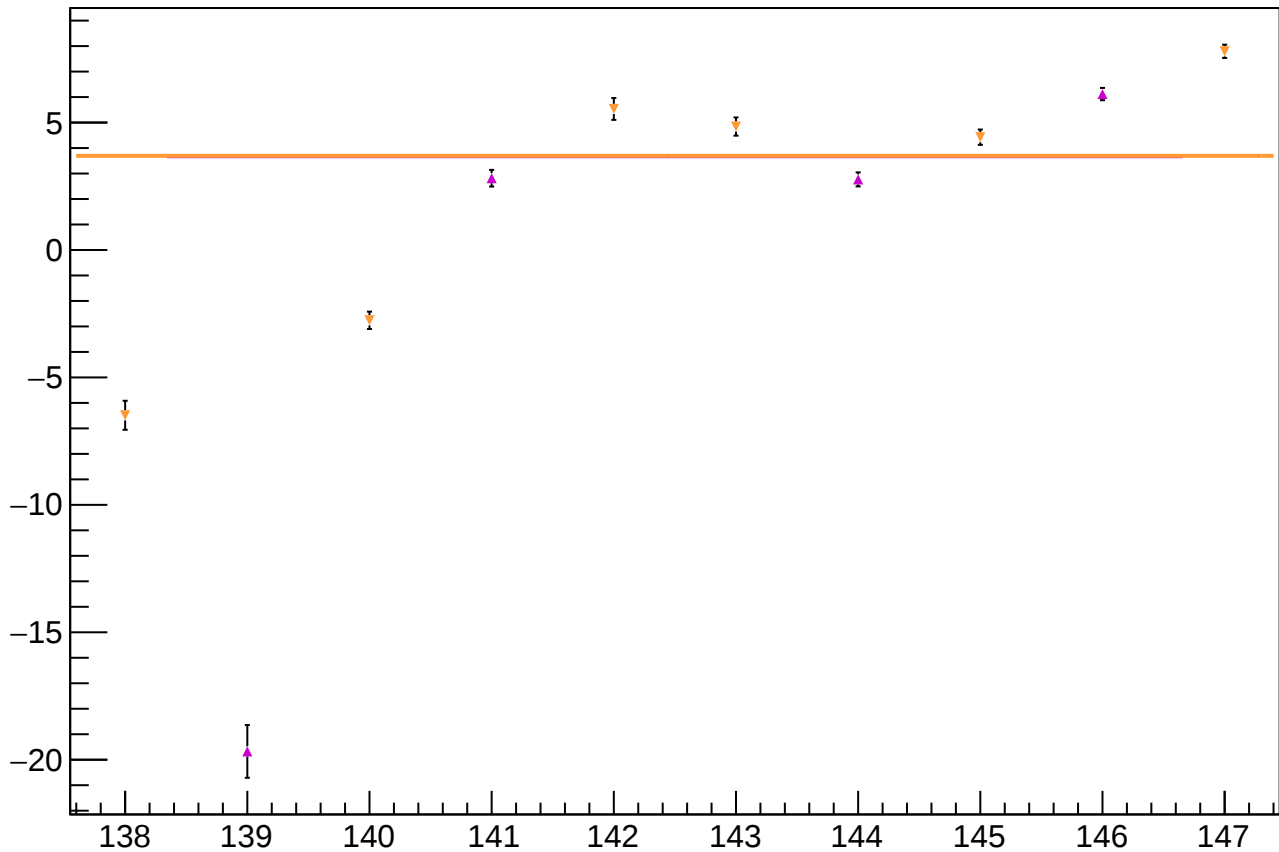
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.300+/-0.219 χ^2/NDF :297.5/3

Out: 11.728+/-0.200 χ^2/NDF :1732.9/5

All: 10.170+/-0.147 χ^2/NDF : 2164.5/9

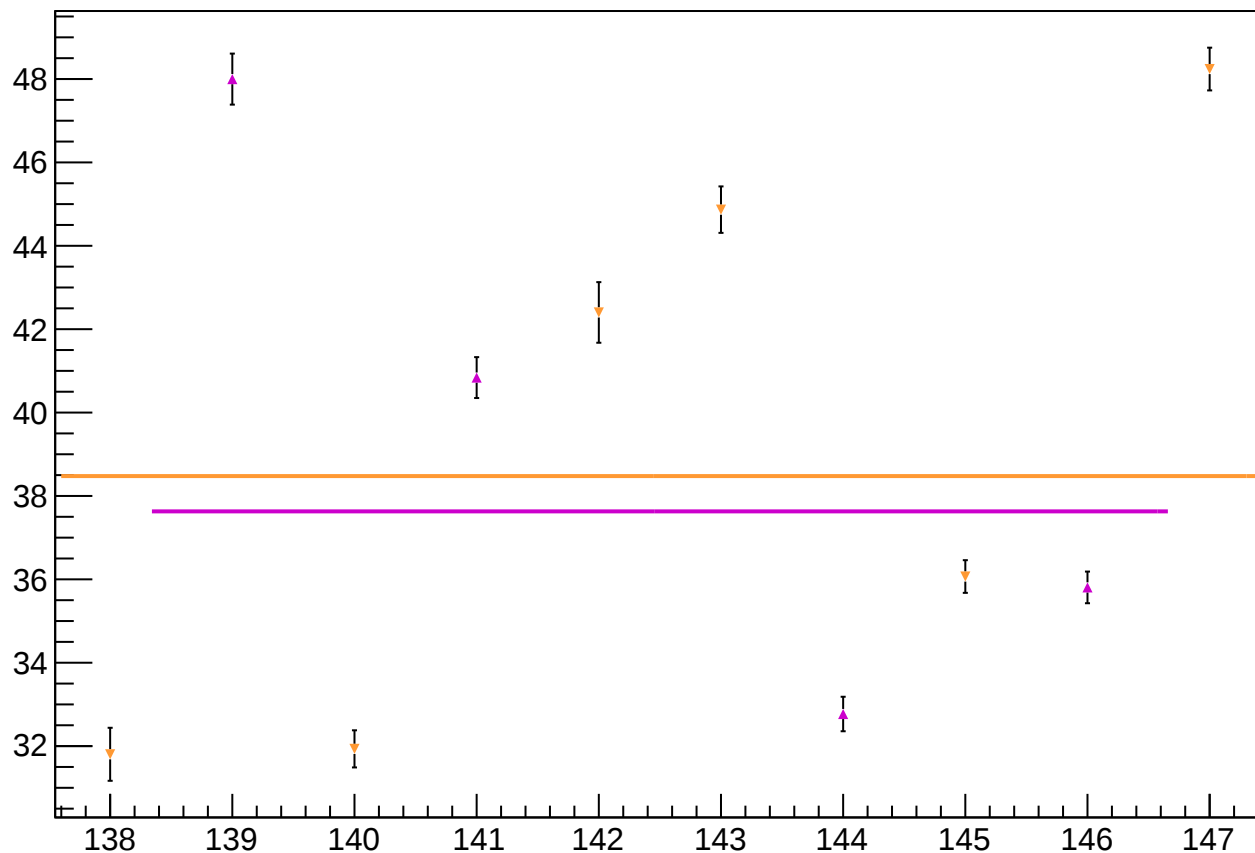
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.680+/-0.157 χ^2/NDF :628.9/3

Left: 3.688+/-0.105 χ^2/NDF : 1591.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.680+/-0.157 χ^2/NDF :628.9/3
 Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 All: 3.688+/-0.105 χ^2/NDF : 1591.9/9

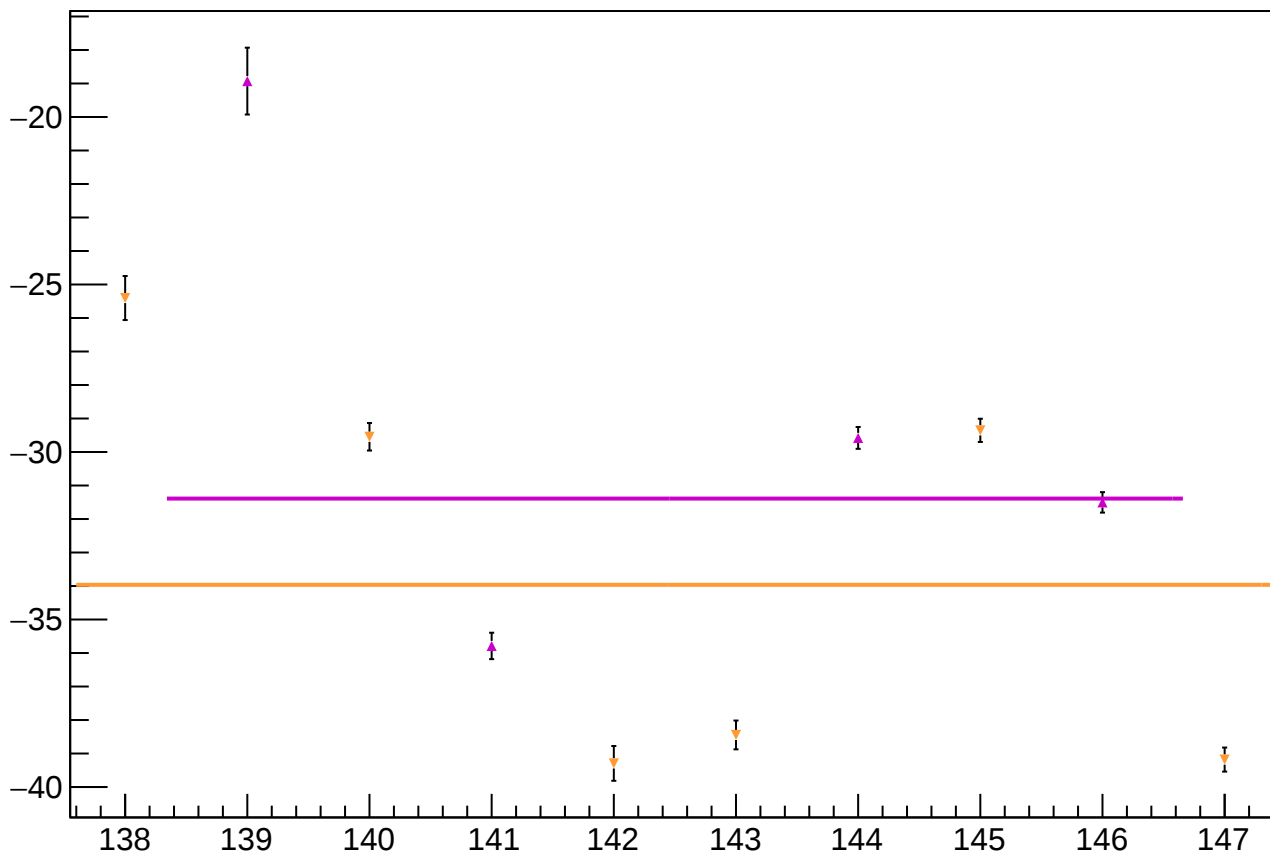
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 38.477+/-0.209 χ^2/NDF :887.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.630+/-0.226 χ^2/NDF :490.9/3

Left: 38.087+/-0.153 χ^2/NDF : 1385.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.630+/-0.226 χ^2/NDF :490.9/3
 Out: 38.477+/-0.209 χ^2/NDF :887.1/5
 All: 38.087+/-0.153 χ^2/NDF : 1385.6/9

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.965+/-0.173 χ^2/NDF : 887.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Left: -32.801+/-0.128 χ^2/NDF : 1299.2/9

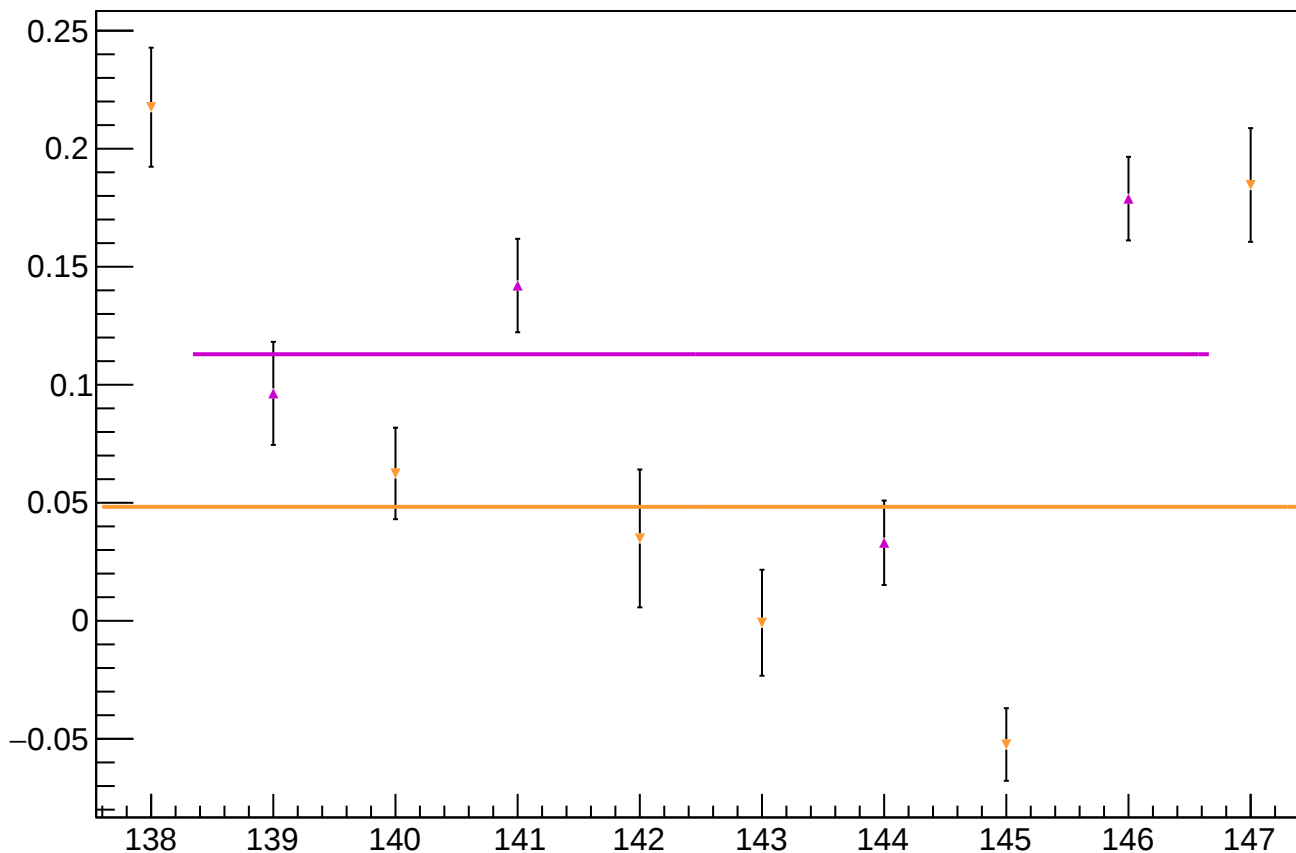
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Out: -33.965+/-0.173 χ^2/NDF : 887.7/5

All: -32.801+/-0.128 χ^2/NDF : 1299.2/9

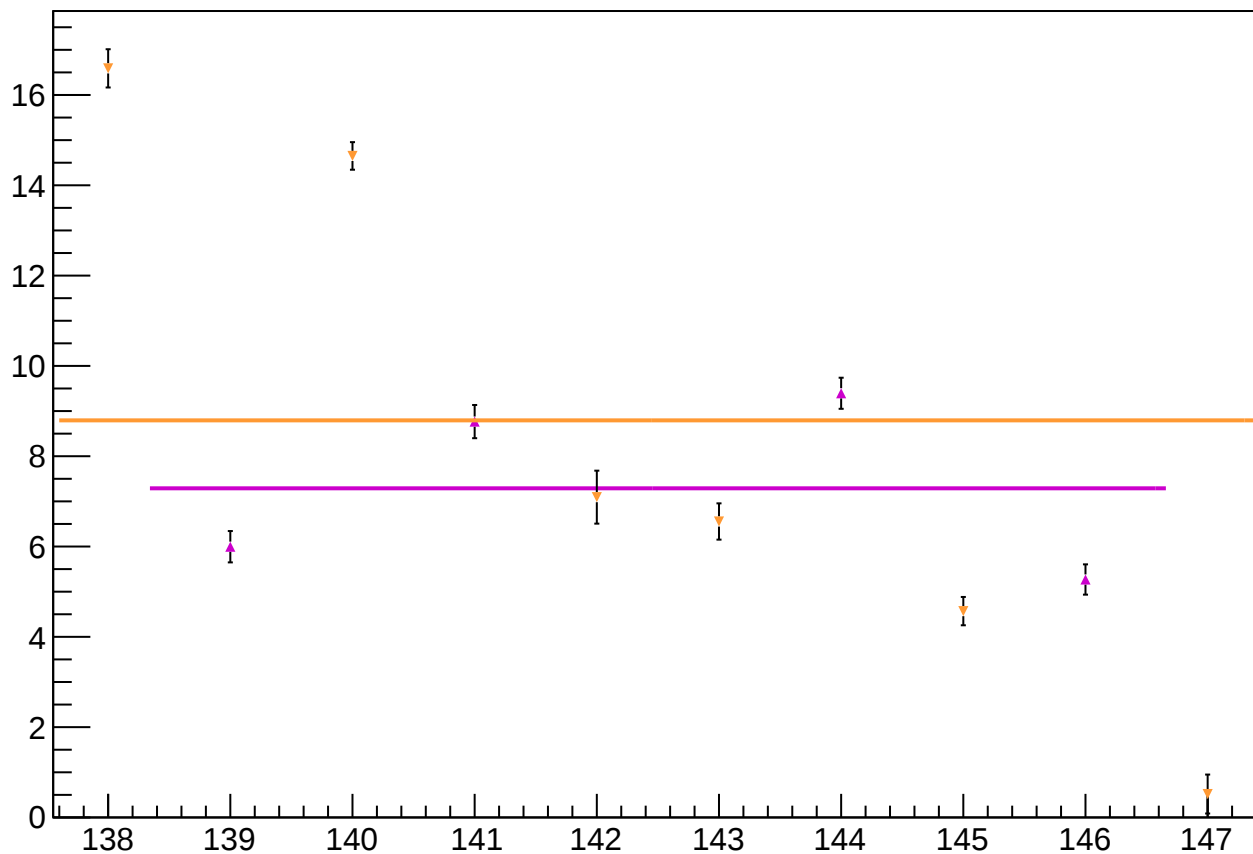
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3

Left: 0.077 $\pm$ 0.006 χ^2 /NDF: 187.2/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3
 Out: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5
 All: 0.077 $\pm$ 0.006 χ^2 /NDF: 187.2/9

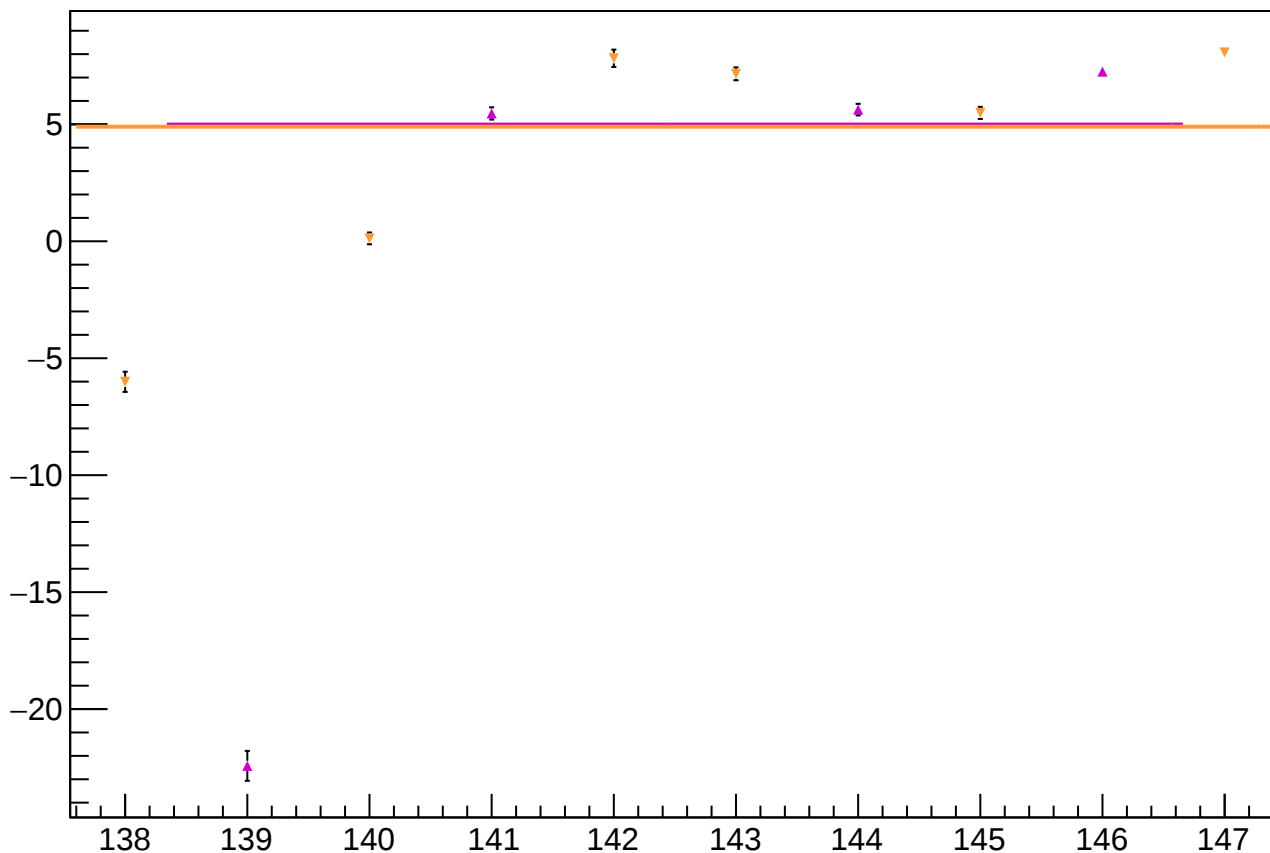
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.794 $\pm$ 0.156 χ^2 /NDF:1295.8/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.289 $\pm$ 0.174 χ^2 /NDF:103.6/3

Left: 8.122 $\pm$ 0.116 χ^2 /NDF: 1440.8/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.289 $\pm$ 0.174 χ^2 /NDF:103.6/3
 Out: 8.794 $\pm$ 0.156 χ^2 /NDF:1295.8/5
 All: 8.122 $\pm$ 0.116 χ^2 /NDF: 1440.8/9

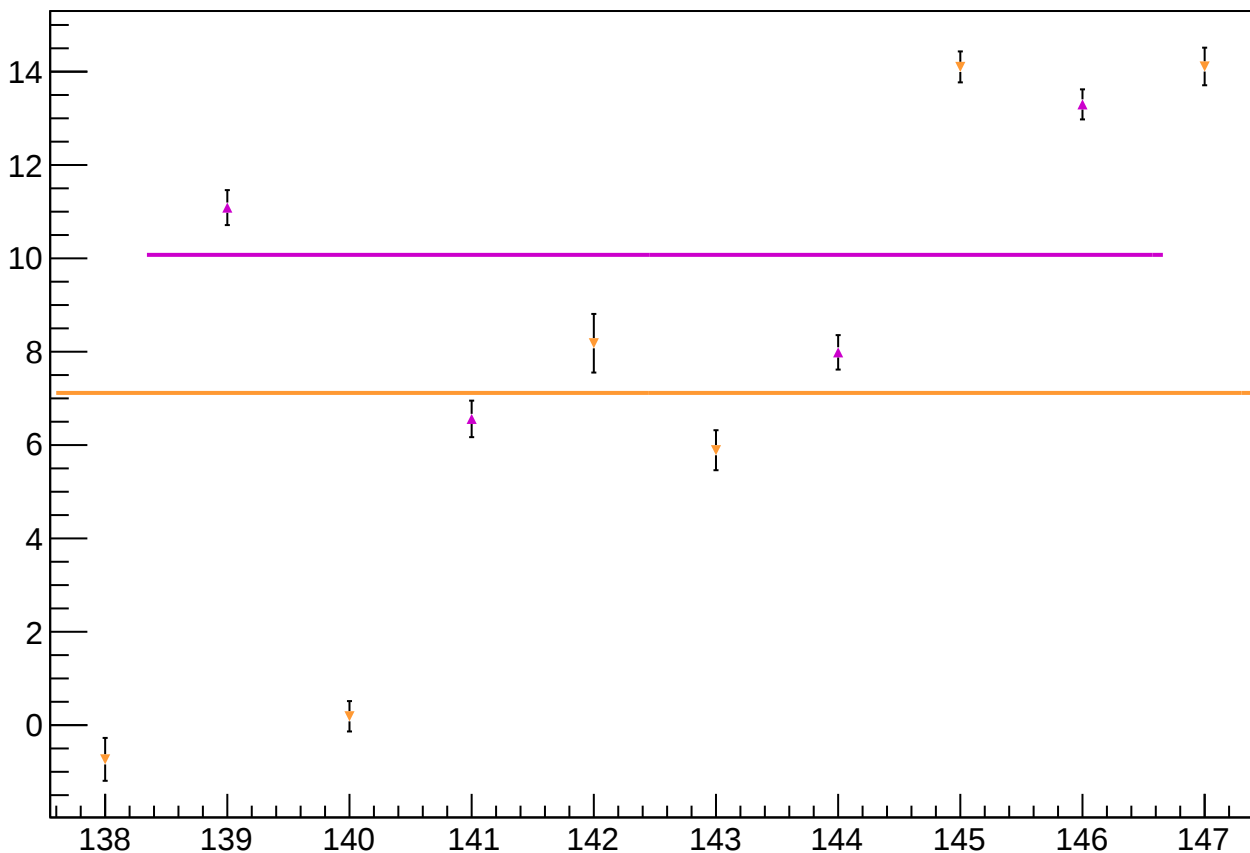
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.899+/-0.112 χ^2/NDF :1363.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.988+/-0.135 χ^2/NDF :1963.6/3

Left: 4.936+/-0.086 χ^2/NDF : 3327.8/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.988+/-0.135 χ^2/NDF :1963.6/3
 Out: 4.899+/-0.112 χ^2/NDF :1363.9/5
 All: 4.936+/-0.086 χ^2/NDF : 3327.8/9

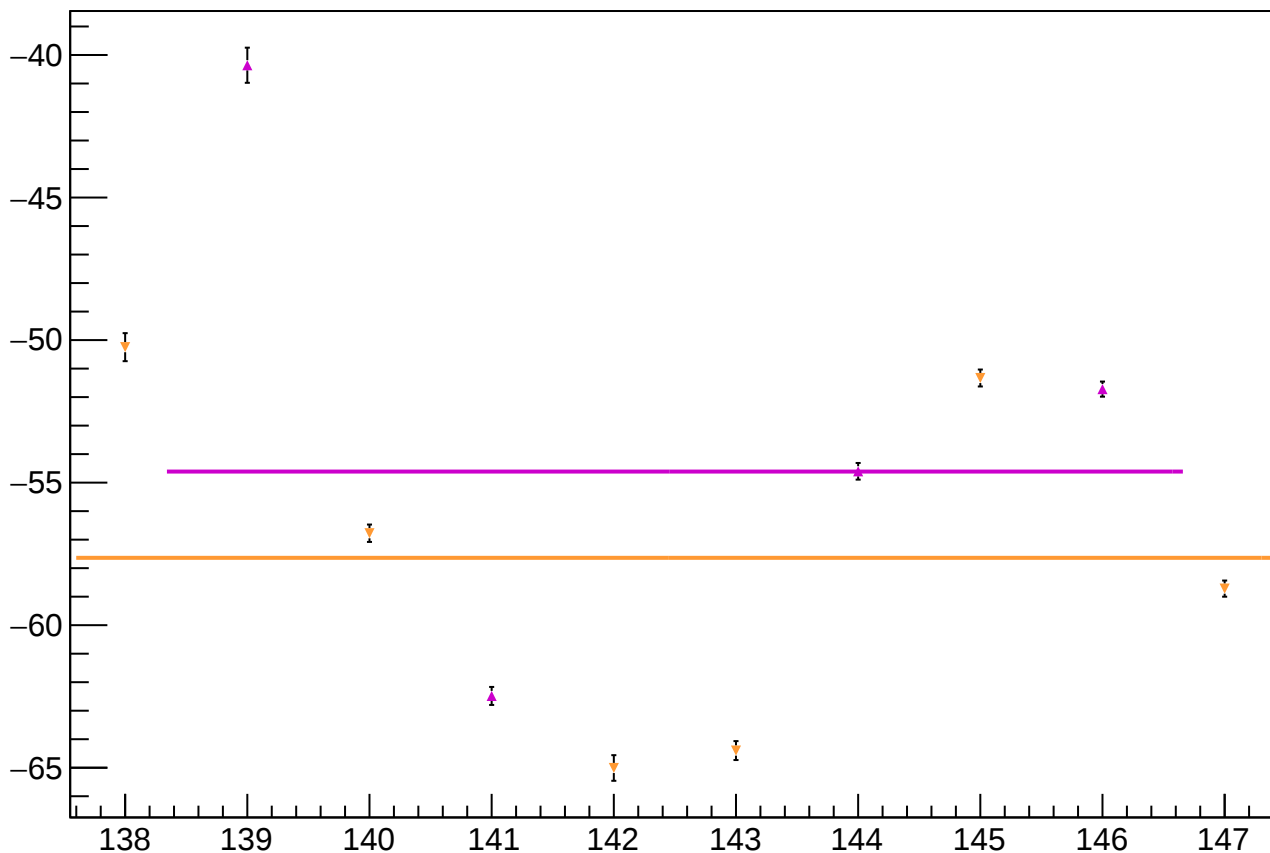
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.075+/-0.181 χ^2/NDF :220.3/3

Left: 8.449+/-0.121 χ^2/NDF : 1869.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.075+/-0.181 χ^2/NDF :220.3/3
 Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 All: 8.449+/-0.121 χ^2/NDF : 1869.6/9

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.637+/-0.138 χ^2/NDF :1382.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Left: -56.358+/-0.105 χ^2/NDF : 2861.1/9

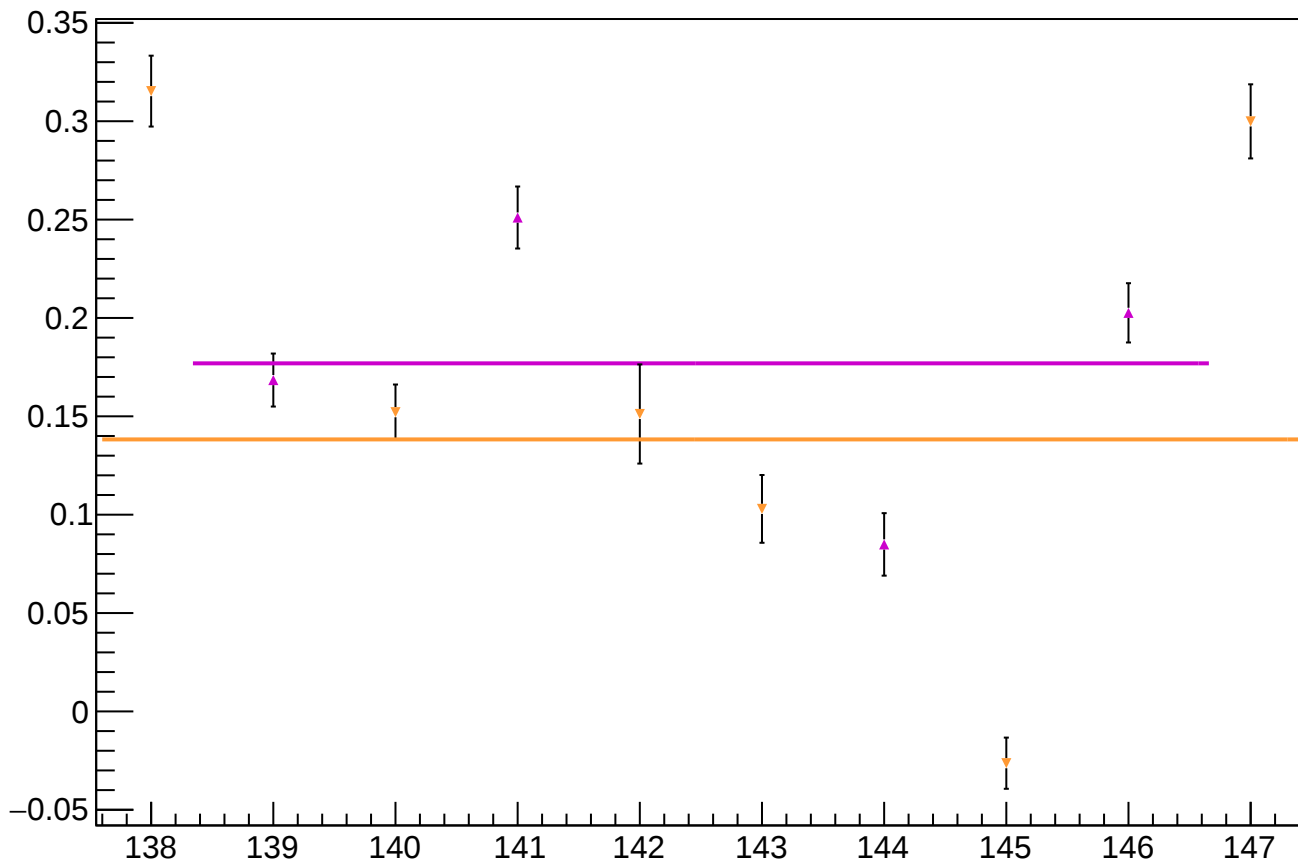
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Out: -57.637+/-0.138 χ^2/NDF :1382.6/5

All: -56.358+/-0.105 χ^2/NDF : 2861.1/9

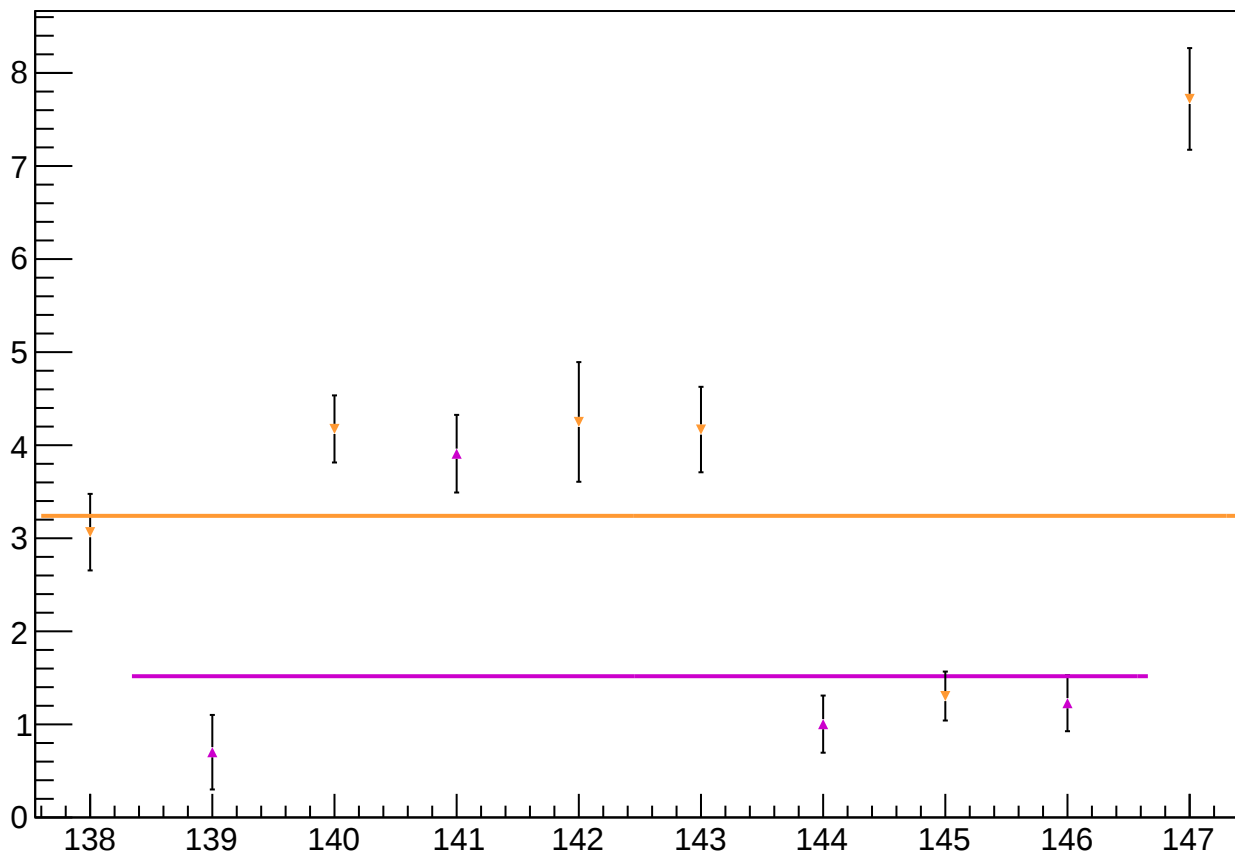
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.138+/-0.007 χ^2/NDF :335.7/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.177+/-0.007 χ^2/NDF :59.0/3

Left: 0.156+/-0.005 χ^2/NDF : 409.3/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.177+/-0.007 χ^2/NDF :59.0/3
 Out: 0.138+/-0.007 χ^2/NDF :335.7/5
 All: 0.156+/-0.005 χ^2/NDF : 409.3/9

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: 3.241 $\pm$ 0.161 χ^2 /NDF:134.9/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Left: 2.439 $\pm$ 0.118 χ^2 /NDF: 228.9/9

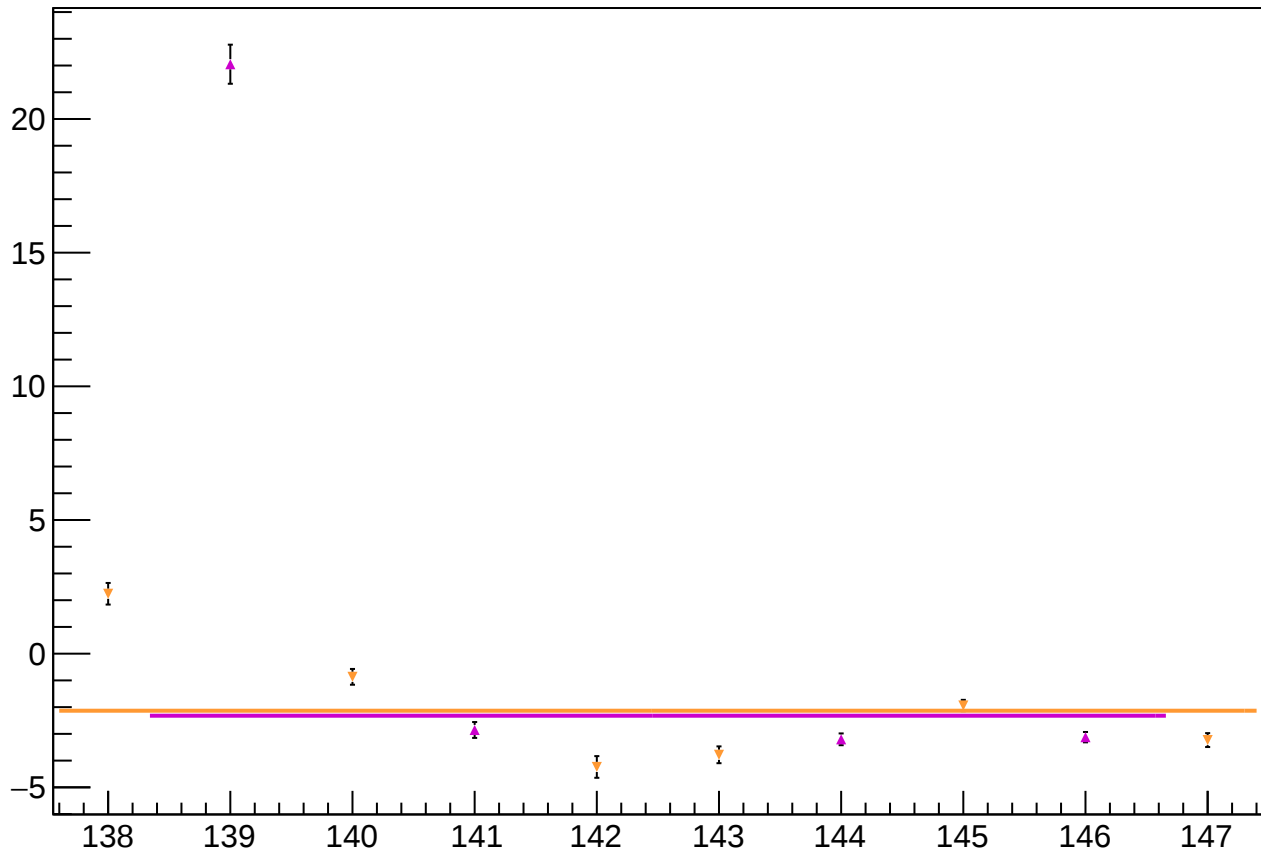
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Out: 3.241 $\pm$ 0.161 χ^2 /NDF:134.9/5

All: 2.439 $\pm$ 0.118 χ^2 /NDF: 228.9/9

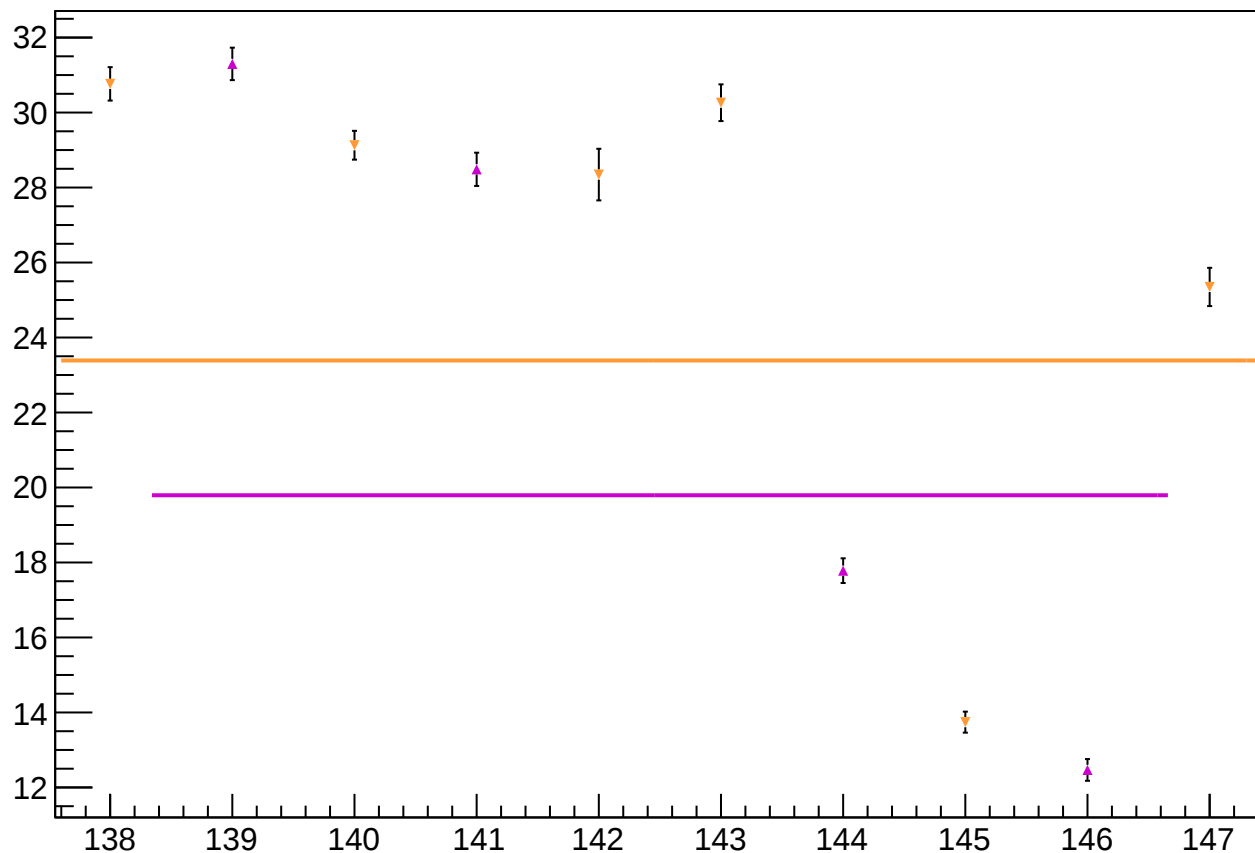
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.134+/-0.119 χ^2/NDF :208.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.321+/-0.129 χ^2/NDF :1147.7/3

Left: -2.220+/-0.087 χ^2/NDF : 1357.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.321+/-0.129 χ^2/NDF :1147.7/3
 Out: -2.134+/-0.119 χ^2/NDF :208.6/5
 All: -2.220+/-0.087 χ^2/NDF : 1357.5/9

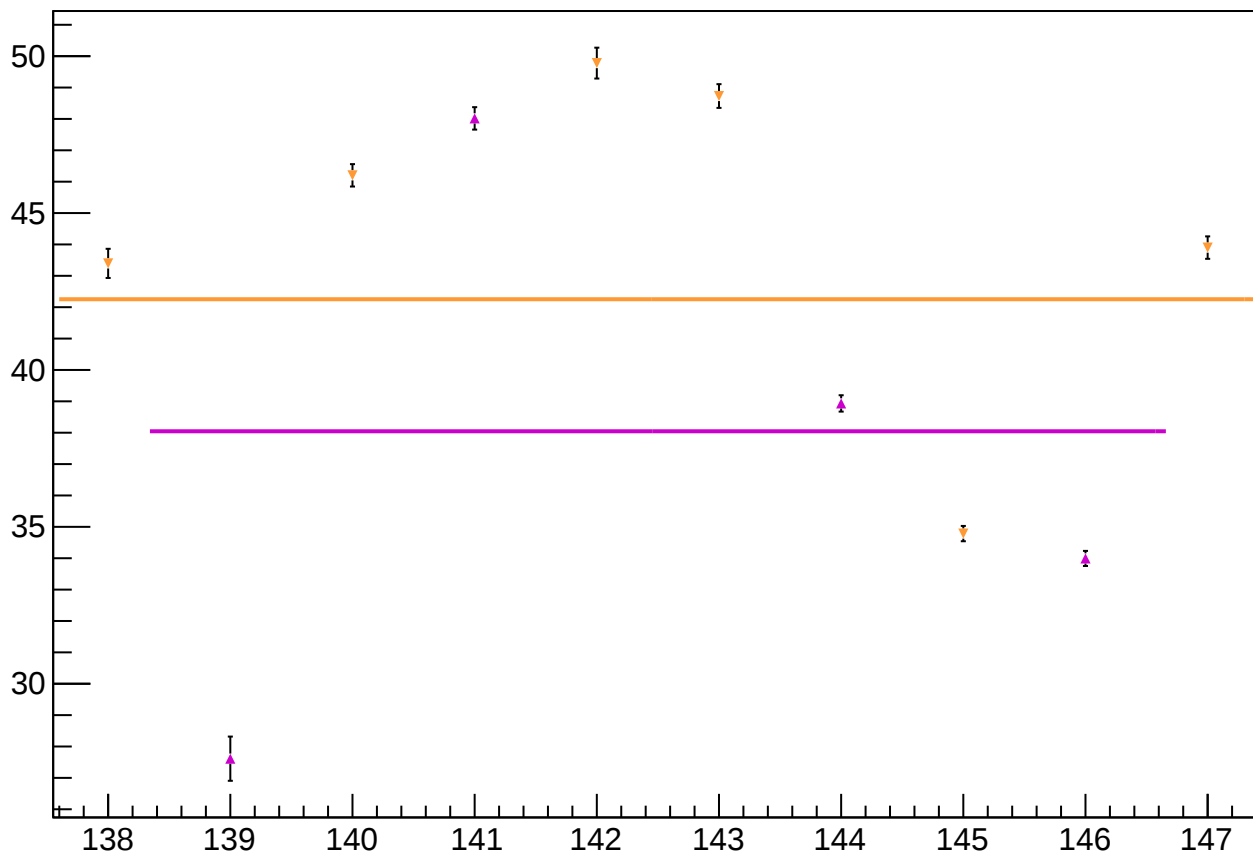
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.793+/-0.178 χ^2/NDF :1766.2/3

Left: 21.676+/-0.123 χ^2/NDF : 3924.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.793+/-0.178 χ^2/NDF :1766.2/3
 Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 All: 21.676+/-0.123 χ^2/NDF : 3924.5/9

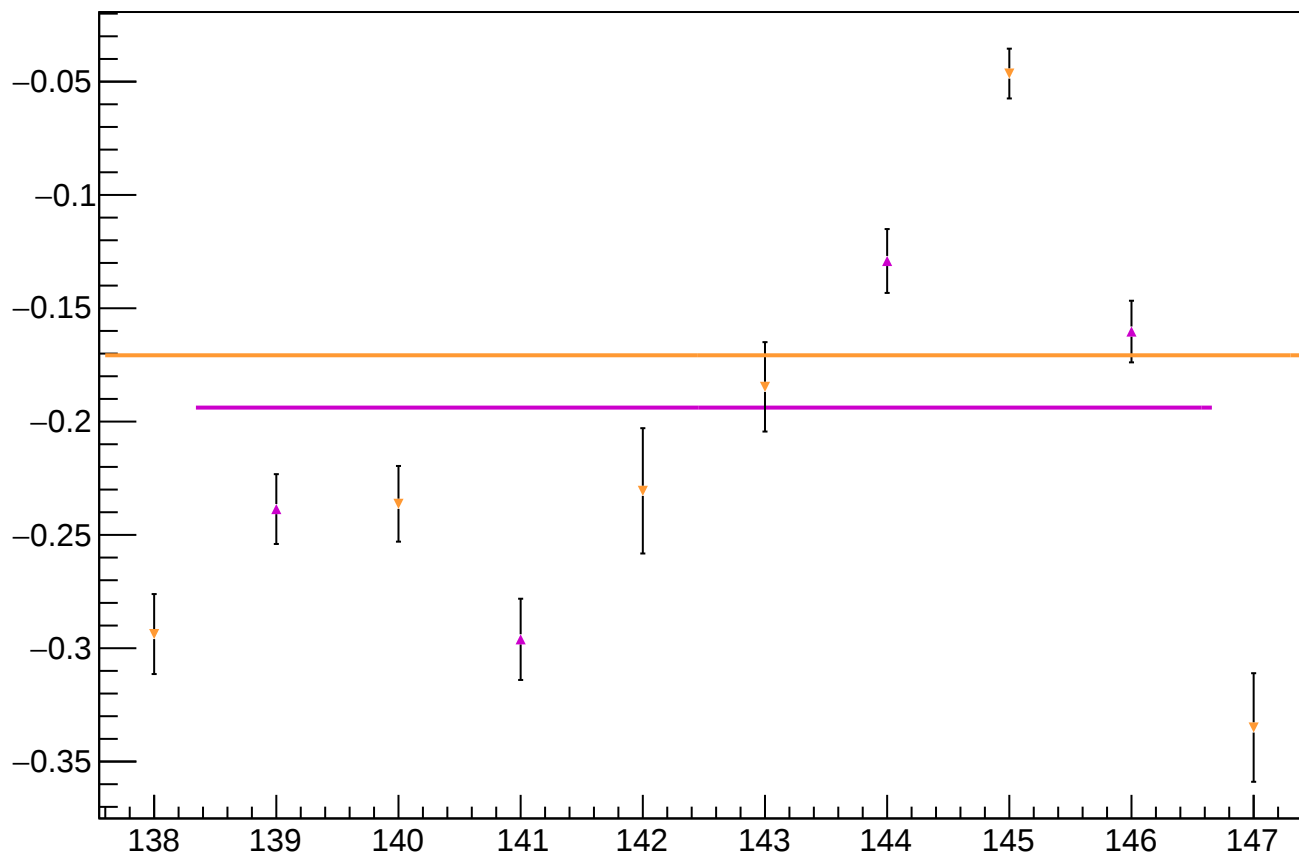
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.254+/-0.144 χ^2/NDF :1614.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Left: 40.299+/-0.105 χ^2/NDF : 3303.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 38.046+/-0.155 χ^2/NDF :1292.6/3
 Out: 42.254+/-0.144 χ^2/NDF :1614.0/5
 All: 40.299+/-0.105 χ^2/NDF : 3303.2/9

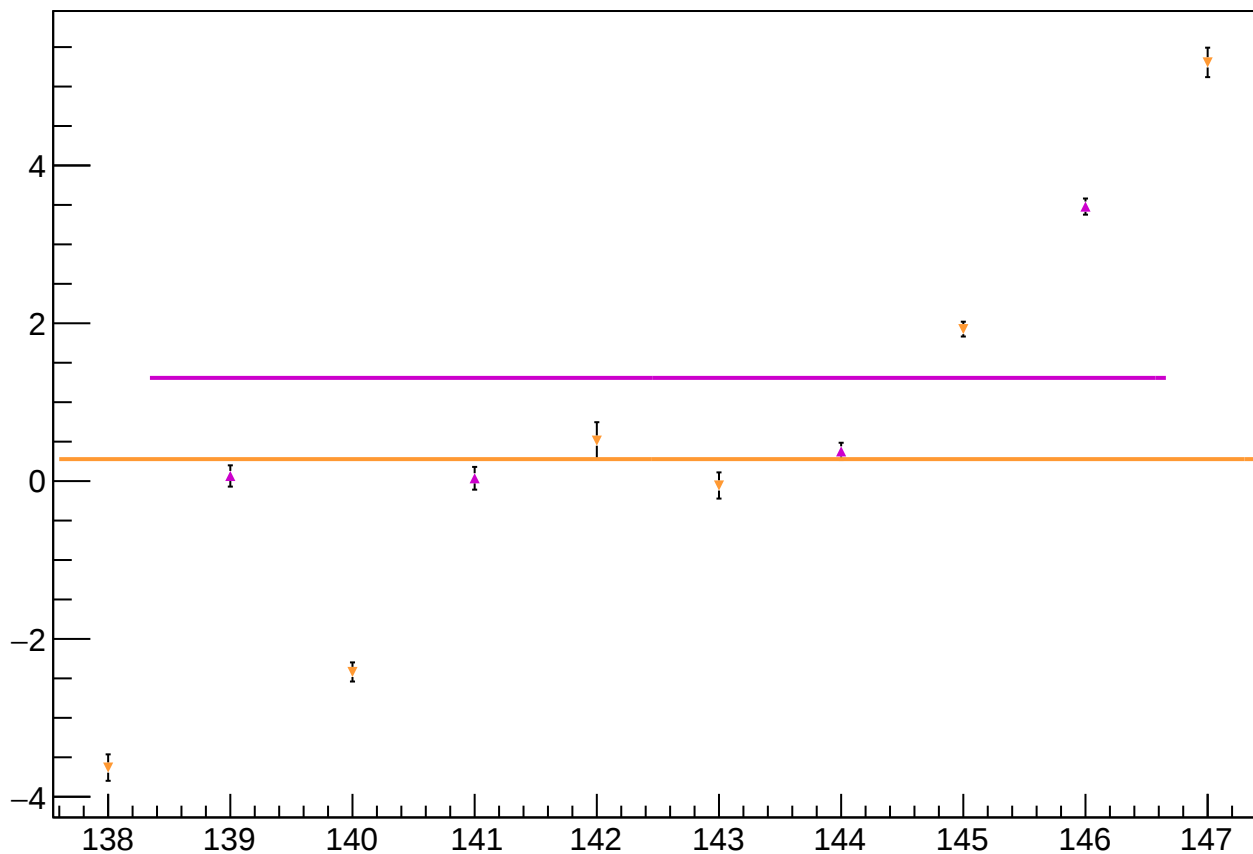
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.171+/-0.007 χ^2/NDF :244.2/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.194+/-0.008 χ^2/NDF :68.2/3

Left: -0.181+/-0.005 χ^2/NDF : 317.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.194+/-0.008 χ^2/NDF :68.2/3
 Out: -0.171+/-0.007 χ^2/NDF :244.2/5
 All: -0.181+/-0.005 χ^2/NDF : 317.5/9

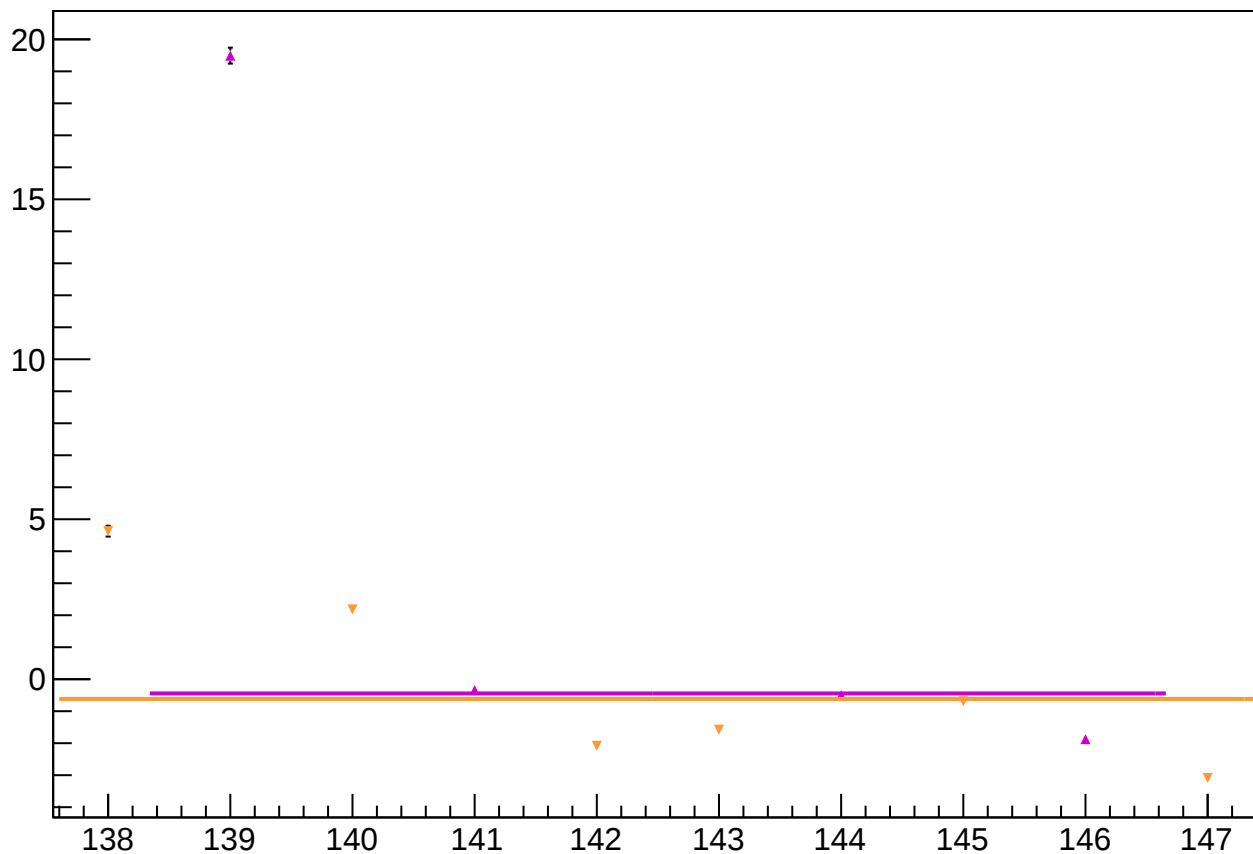
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.279 $\pm$ 0.058 χ^2 /NDF:2078.6/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3

Left: 0.777 $\pm$ 0.041 χ^2 /NDF: 2918.8/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3
 Out: 0.279 $\pm$ 0.058 χ^2 /NDF:2078.6/5
 All: 0.777 $\pm$ 0.041 χ^2 /NDF: 2918.8/9

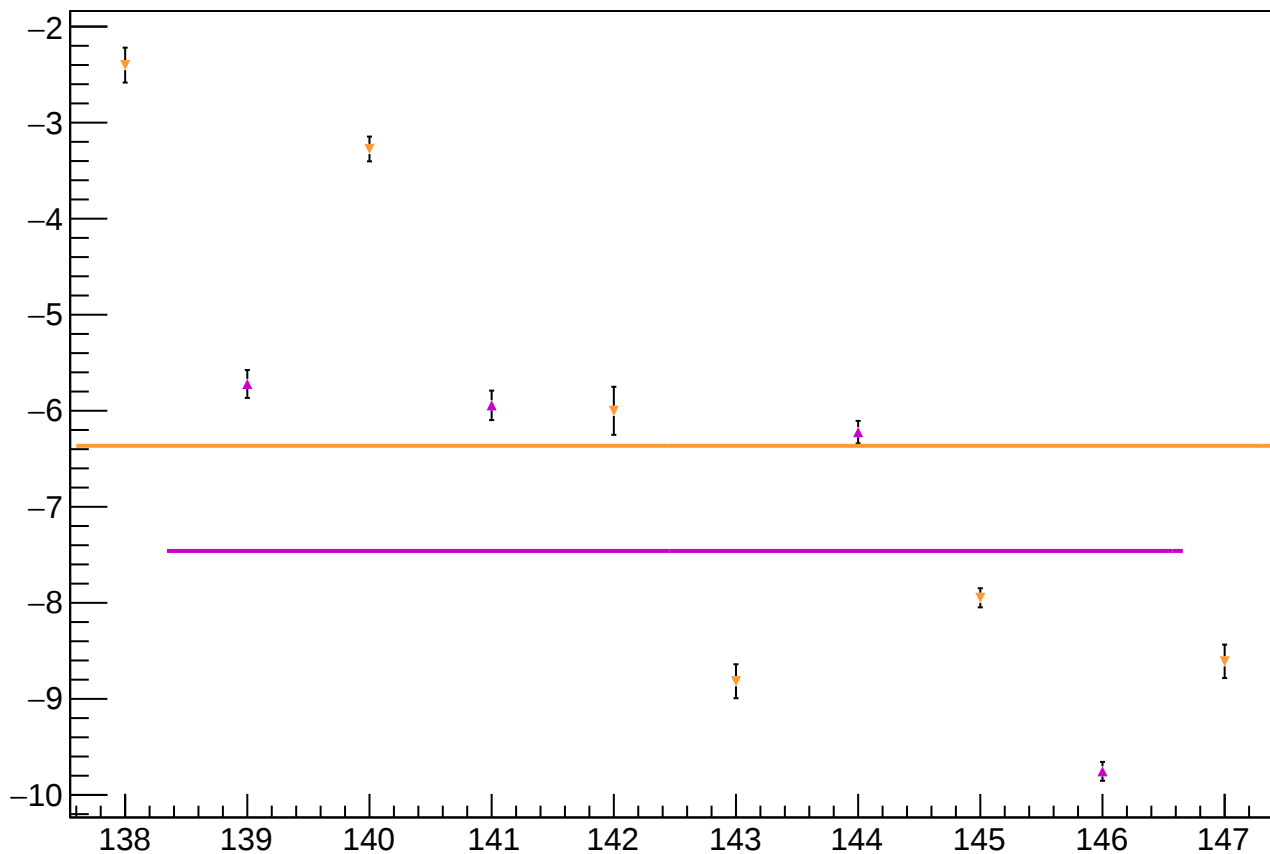
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.617+/-0.043 χ^2/NDF : 2675.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.444+/-0.045 χ^2/NDF : 6861.1/3

Left: -0.535+/-0.031 χ^2/NDF : 9544.0/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.444+/-0.045 χ^2/NDF : 6861.1/3
 Out: -0.617+/-0.043 χ^2/NDF : 2675.1/5
 All: -0.535+/-0.031 χ^2/NDF : 9544.0/9

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: -6.365+/-0.061 χ^2/NDF :1662.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.459+/-0.061 χ^2/NDF :895.0/3

Left: -6.906+/-0.043 χ^2/NDF : 2718.0/9

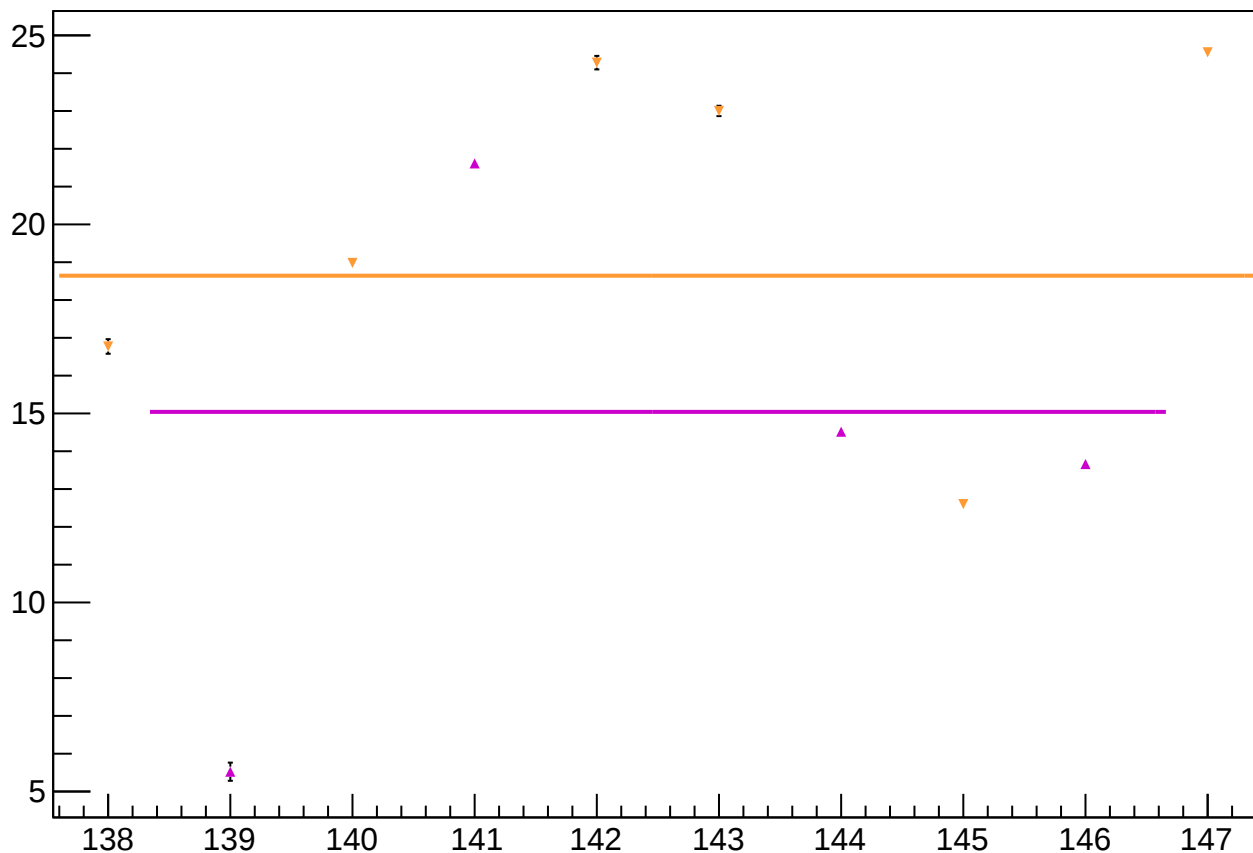
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.459+/-0.061 χ^2/NDF :895.0/3

Out: -6.365+/-0.061 χ^2/NDF :1662.0/5

All: -6.906+/-0.043 χ^2/NDF : 2718.0/9

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 18.644 $\pm$ 0.052 χ^2 /NDF:9115.8/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 15.041 $\pm$ 0.054 χ^2 /NDF:4698.2/3

Left: 16.914 $\pm$ 0.037 χ^2 /NDF: 16148.4/9

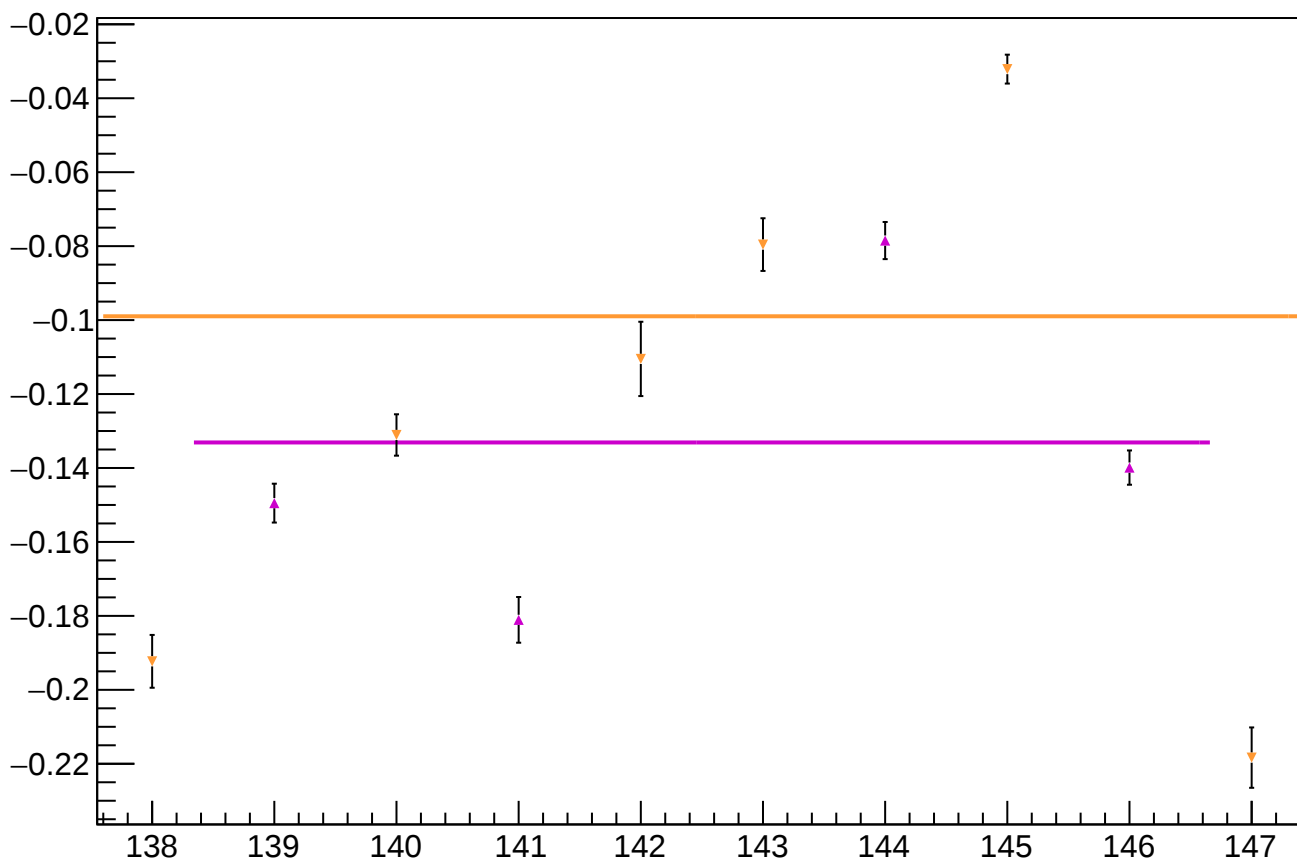
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.041 $\pm$ 0.054 χ^2 /NDF:4698.2/3

Out: 18.644 $\pm$ 0.052 χ^2 /NDF:9115.8/5

All: 16.914 $\pm$ 0.037 χ^2 /NDF: 16148.4/9

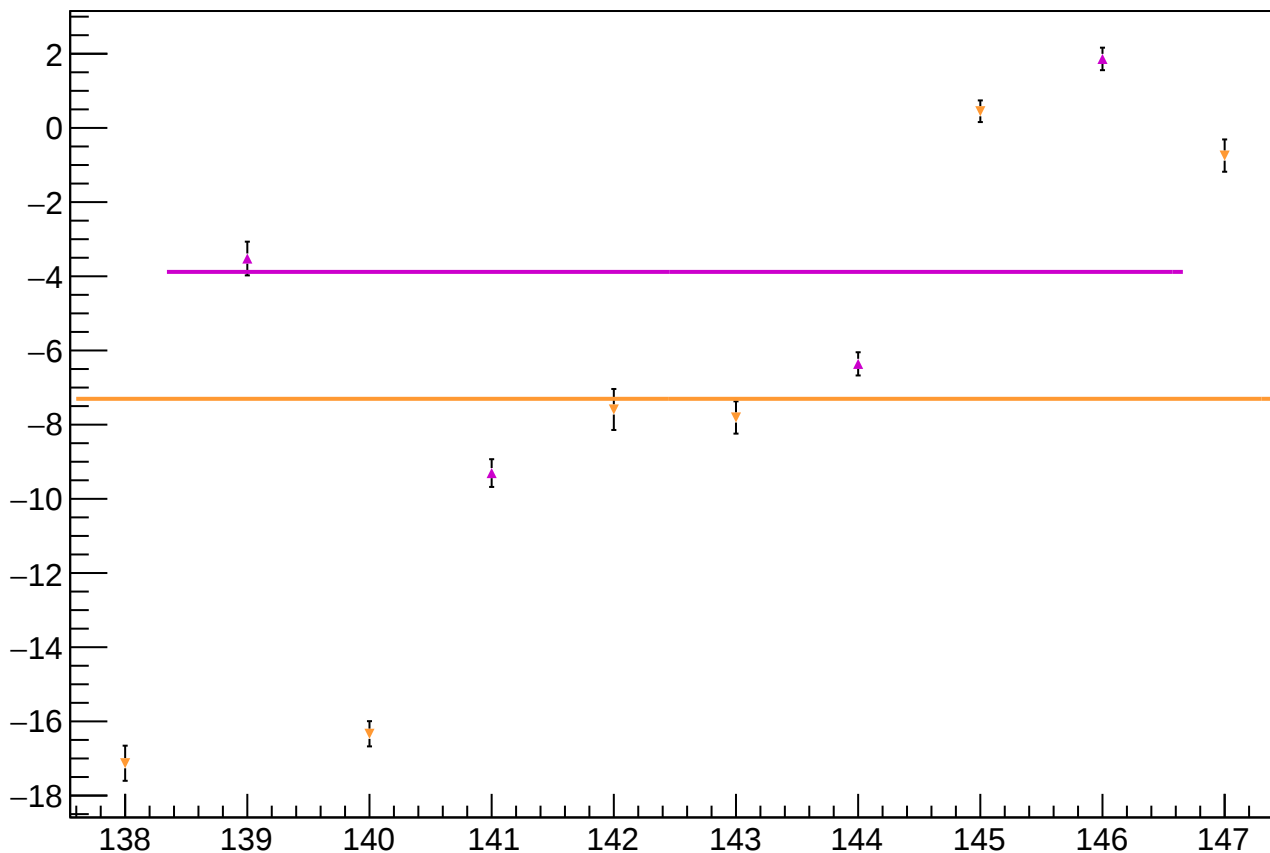
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.099+/-0.002 χ^2/NDF : 718.8/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.133+/-0.003 χ^2/NDF : 190.4/3

Left: -0.115+/-0.002 χ^2/NDF : 999.4/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.133+/-0.003 χ^2/NDF : 190.4/3
 Out: -0.099+/-0.002 χ^2/NDF : 718.8/5
 All: -0.115+/-0.002 χ^2/NDF : 999.4/9

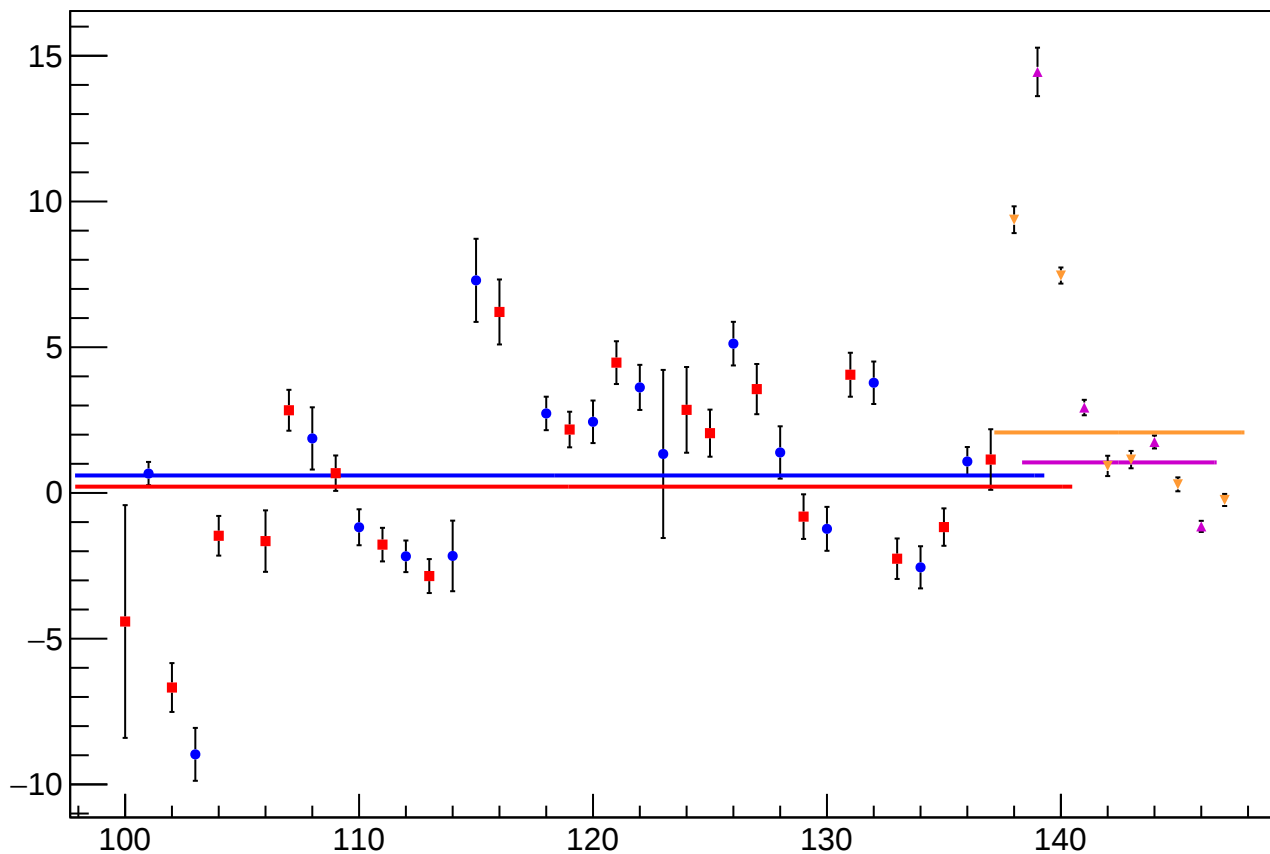
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.303+/-0.161 χ^2/NDF :2069.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.881+/-0.174 χ^2/NDF :632.0/3

Left: -5.726+/-0.118 χ^2/NDF : 2910.1/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.881+/-0.174 χ^2/NDF :632.0/3
 Out: -7.303+/-0.161 χ^2/NDF :2069.4/5
 All: -5.726+/-0.118 χ^2/NDF : 2910.1/9

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: 2.076 ± 0.113 χ^2/NDF : 833.4/5

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.048 ± 0.126 χ^2/NDF : 452.0/3

Left: 1.616 ± 0.084 χ^2/NDF : 1322.4/9

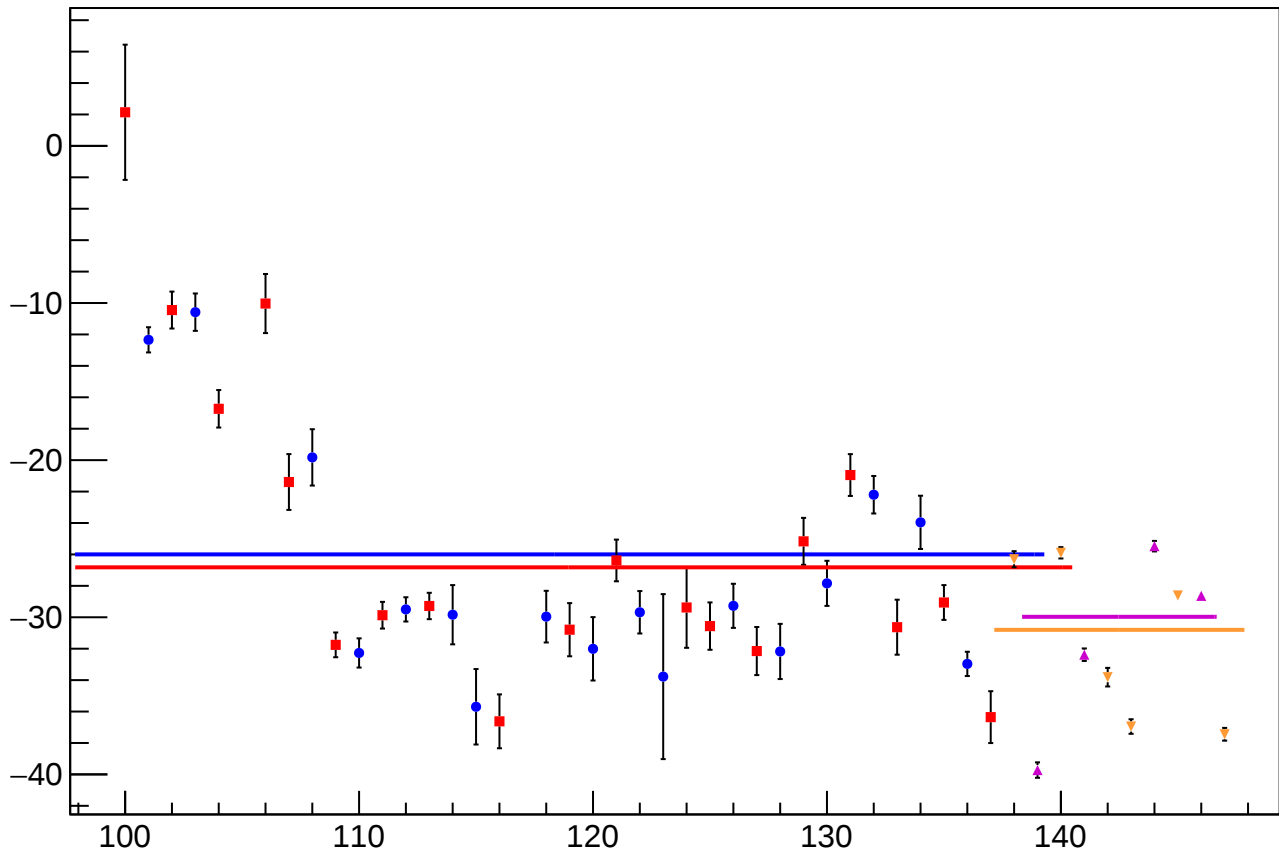
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.888 ± 0.101 χ^2/NDF : 748.5/20

Out: 1.526 ± 0.095 χ^2/NDF : 1187.9/24

All: 1.227 ± 0.069 χ^2/NDF : 1957.5/45

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -30.800 ± 0.168 χ^2/NDF : 779.0/5

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -29.970 ± 0.179 χ^2/NDF : 631.7/3

Left: -30.412 ± 0.123 χ^2/NDF : 1422.1/9

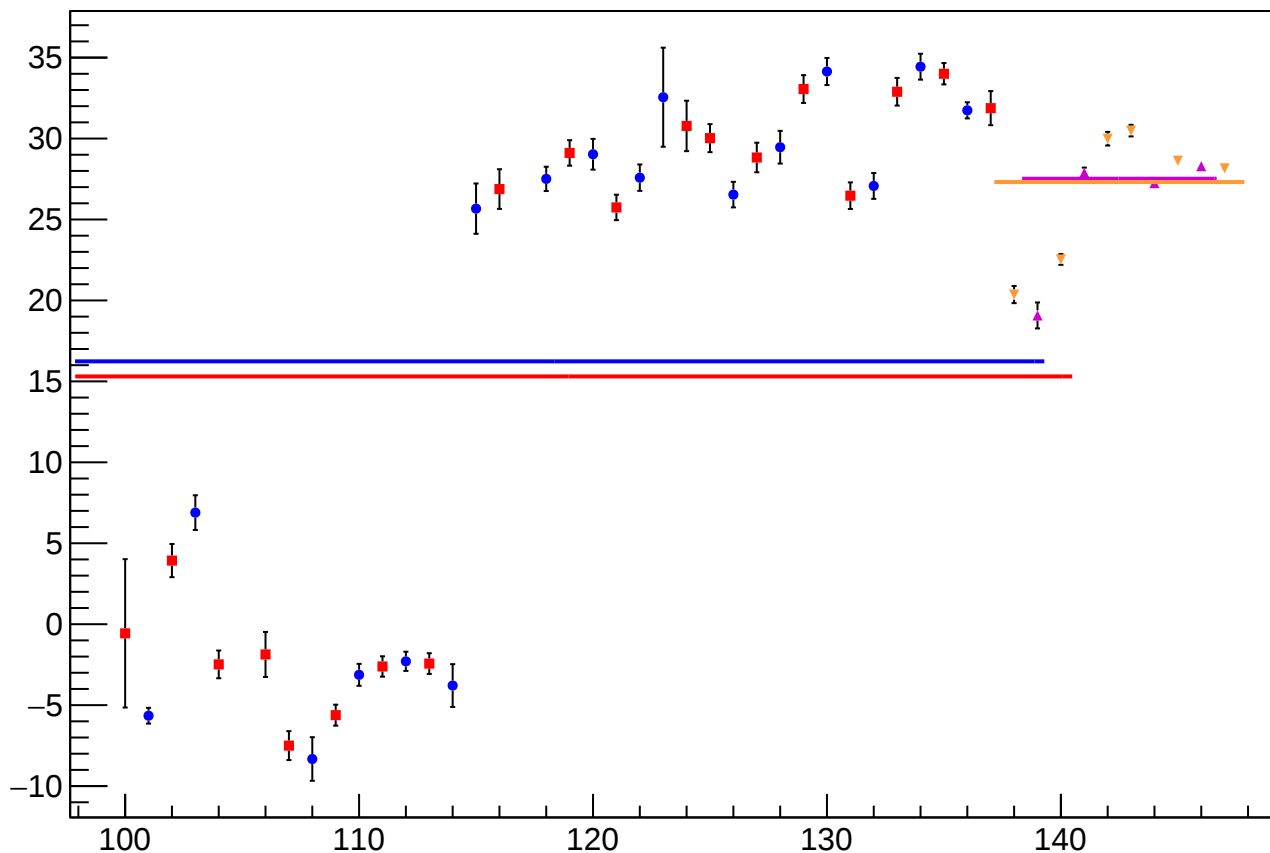
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -28.925 ± 0.154 χ^2/NDF : 1453.3/20

Out: -29.838 ± 0.146 χ^2/NDF : 1495.5/24

All: -29.405 ± 0.106 χ^2/NDF : 2967.3/45

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: 27.314 $\pm$ 0.139 χ^2 /NDF:527.1/5

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.520 $\pm$ 0.152 χ^2 /NDF:123.8/3

Left: 27.408 $\pm$ 0.103 χ^2 /NDF: 651.9/9

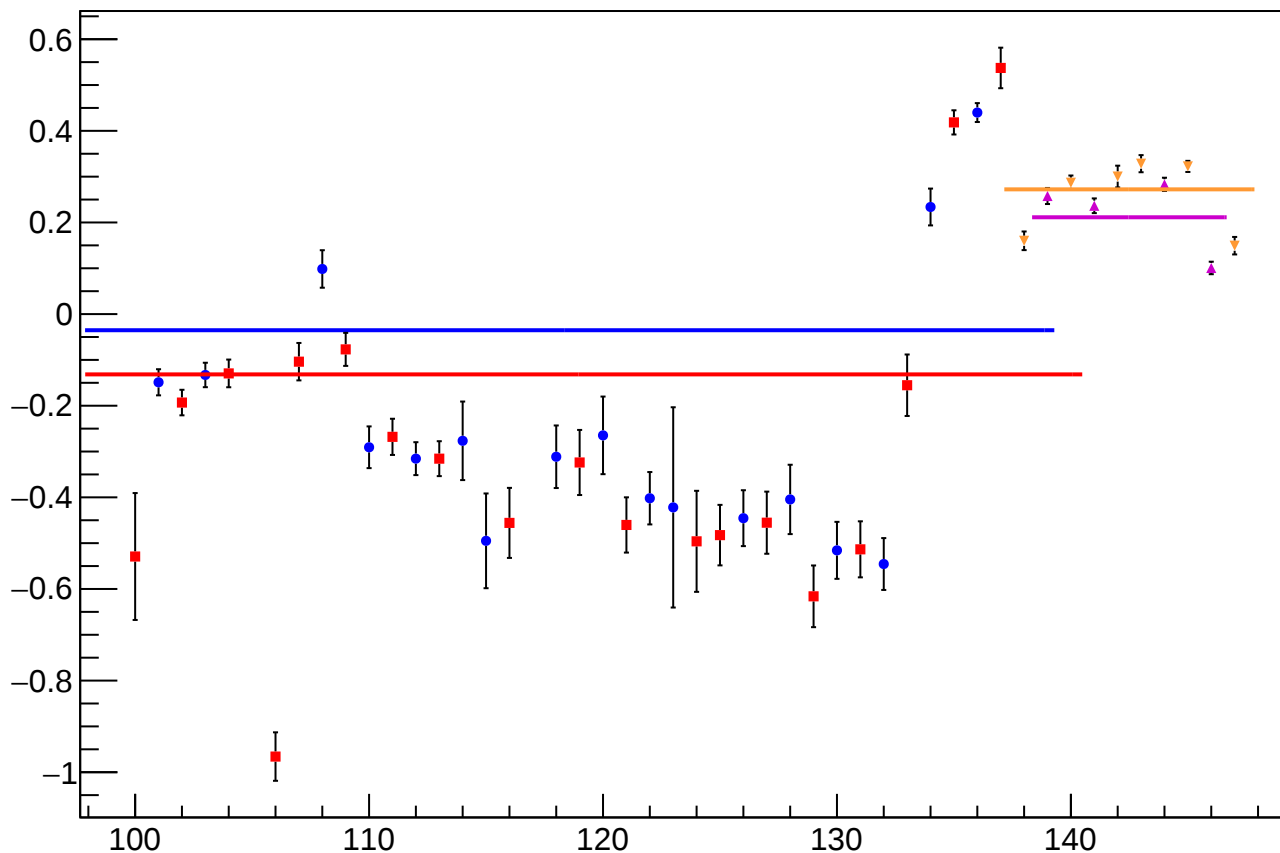
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 23.147 $\pm$ 0.119 χ^2 /NDF:9832.2/20

Out: 23.307 $\pm$ 0.114 χ^2 /NDF:10275.1/24

All: 23.230 $\pm$ 0.082 χ^2 /NDF: 20108.3/45

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: 0.272 ± 0.007 χ^2/NDF : 100.2/5

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.211 ± 0.008 χ^2/NDF : 99.7/3

Left: 0.244 ± 0.005 χ^2/NDF : 234.7/9

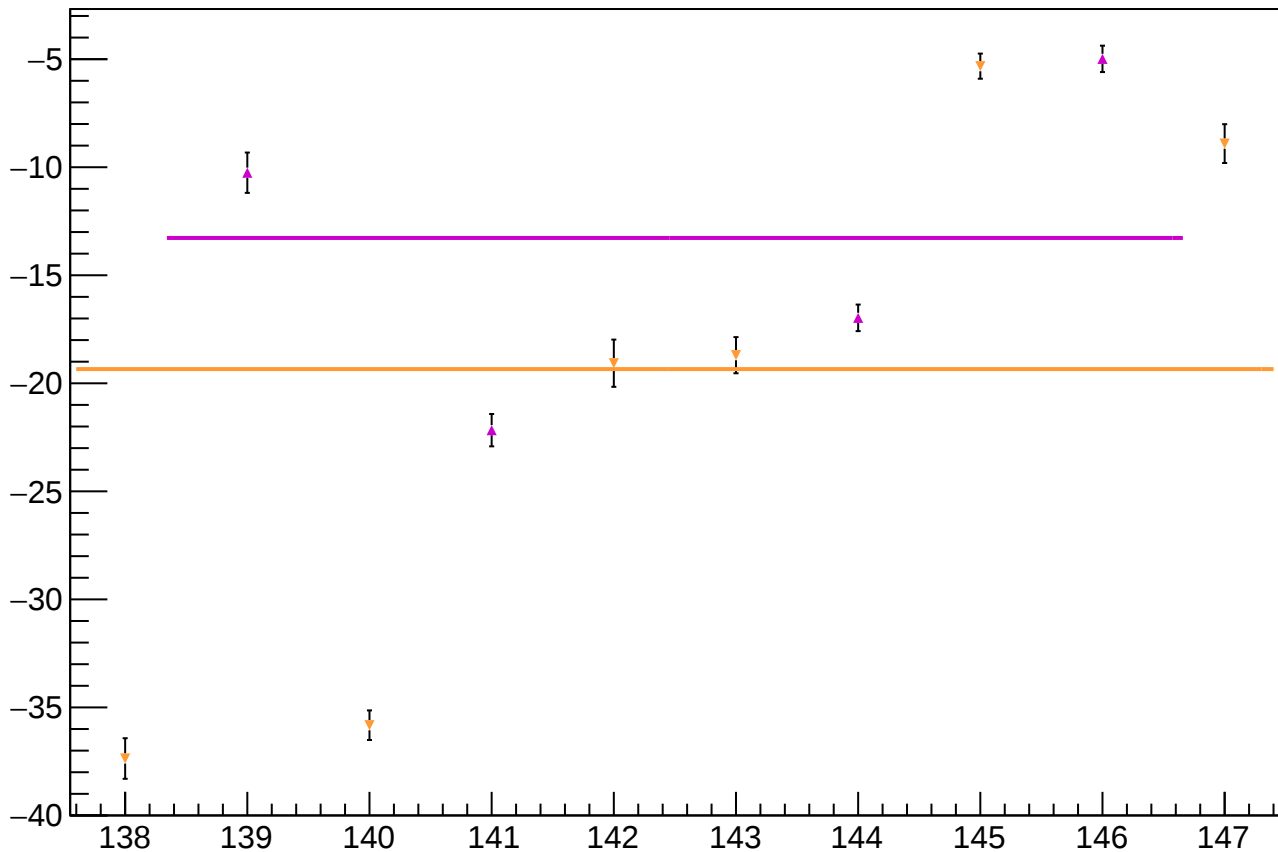
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.125 ± 0.006 χ^2/NDF : 1482.9/20

Out: 0.147 ± 0.006 χ^2/NDF : 2316.7/24

All: 0.136 ± 0.004 χ^2/NDF : 3806.4/45

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -19.343+/-0.321 χ^2 /NDF:1664.3/5

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -13.273+/-0.348 χ^2 /NDF:372.3/3

Left: -16.554+/-0.236 χ^2 /NDF: 2201.3/9

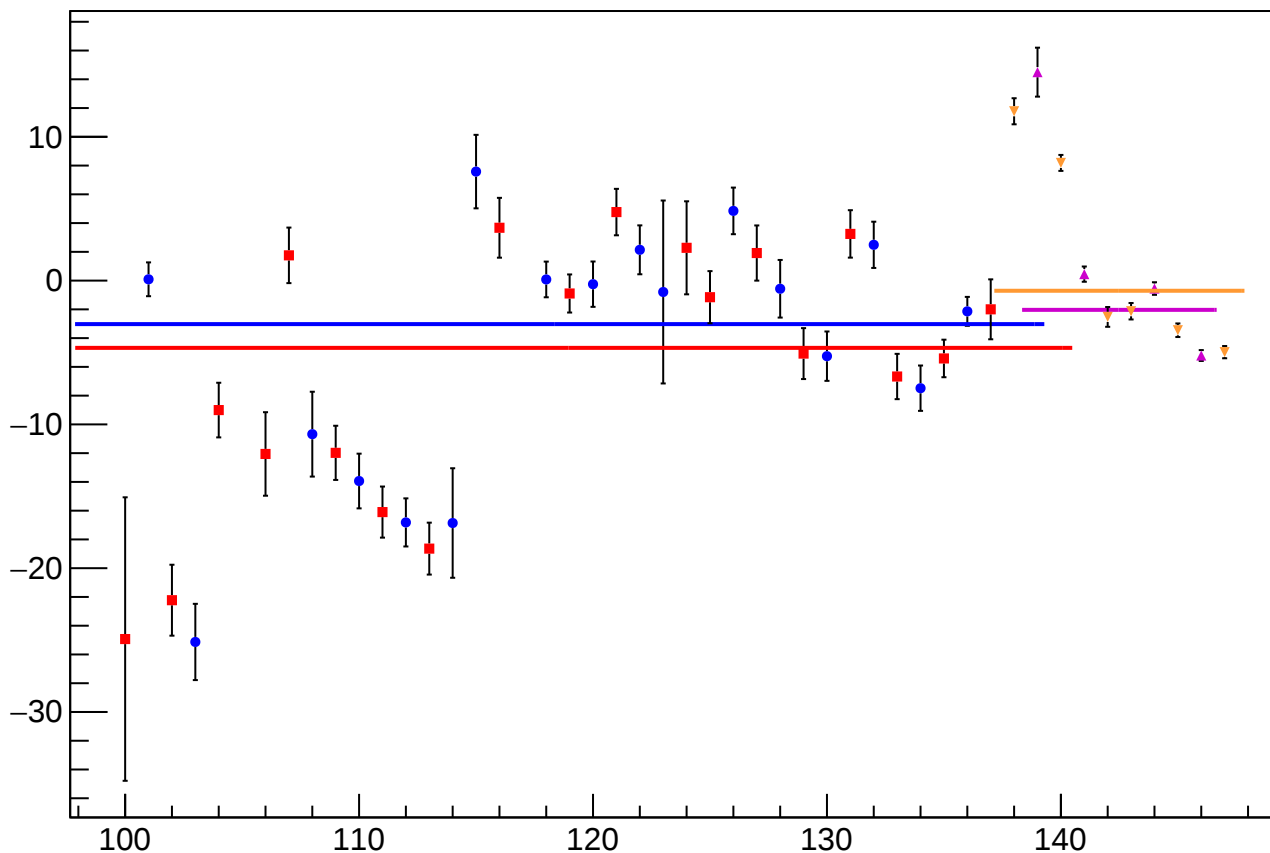
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -13.273+/-0.348 χ^2 /NDF:372.3/3

Out: -19.343+/-0.321 χ^2 /NDF:1664.3/5

All: -16.554+/-0.236 χ^2 /NDF: 2201.3/9

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -0.706 ± 0.226 $\chi^2/\text{NDF}: 593.4/5$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: -2.034 ± 0.249 $\chi^2/\text{NDF}: 198.5/3$

Left: -1.306 ± 0.167 $\chi^2/\text{NDF}: 807.5/9$

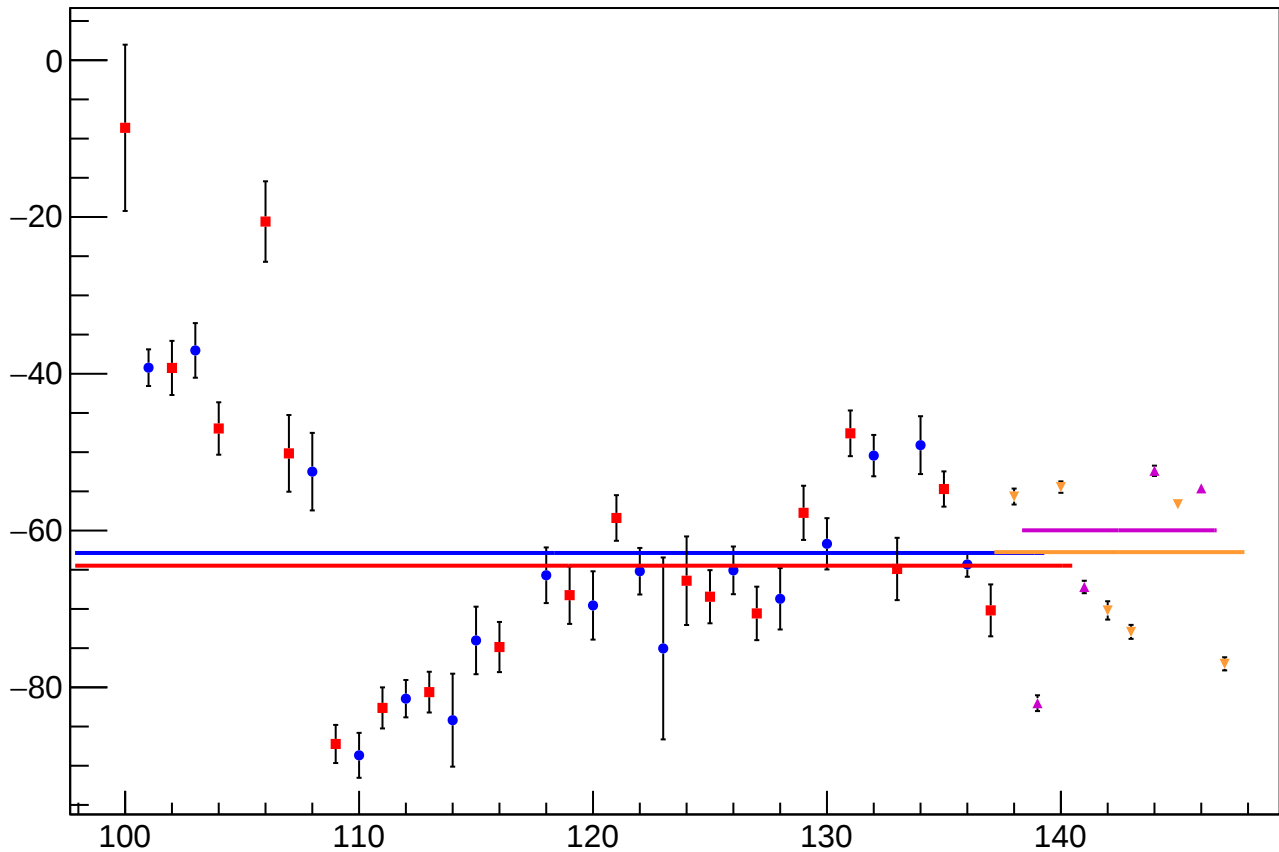
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: -2.303 ± 0.212 $\chi^2/\text{NDF}: 483.4/20$

Out: -1.576 ± 0.199 $\chi^2/\text{NDF}: 960.3/24$

All: -1.917 ± 0.145 $\chi^2/\text{NDF}: 1449.9/45$

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: -62.750 ± 0.336 $\chi^2/\text{NDF}: 735.4/5$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -59.969 ± 0.359 $\chi^2/\text{NDF}: 777.0/3$

Left: -61.452 ± 0.245 $\chi^2/\text{NDF}: 1544.5/9$

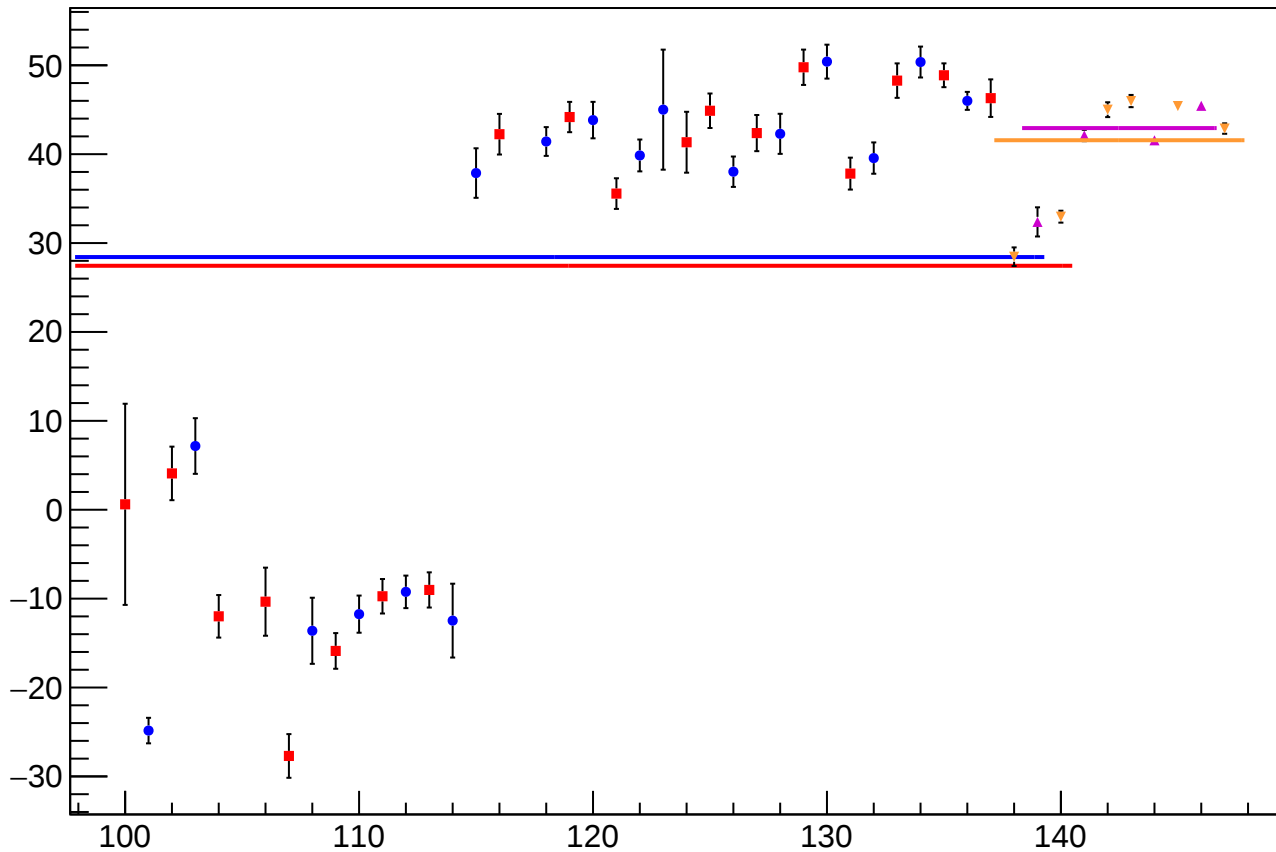
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -60.520 ± 0.323 $\chi^2/\text{NDF}: 1157.1/20$

Out: -63.038 ± 0.306 $\chi^2/\text{NDF}: 1183.8/24$

All: -61.844 ± 0.222 $\chi^2/\text{NDF}: 2372.9/45$

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: 41.568 $\pm$ 0.278 χ^2 /NDF:433.1/5

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.935 $\pm$ 0.302 χ^2 /NDF:77.8/3

Left: 42.194 $\pm$ 0.205 χ^2 /NDF: 522.0/9

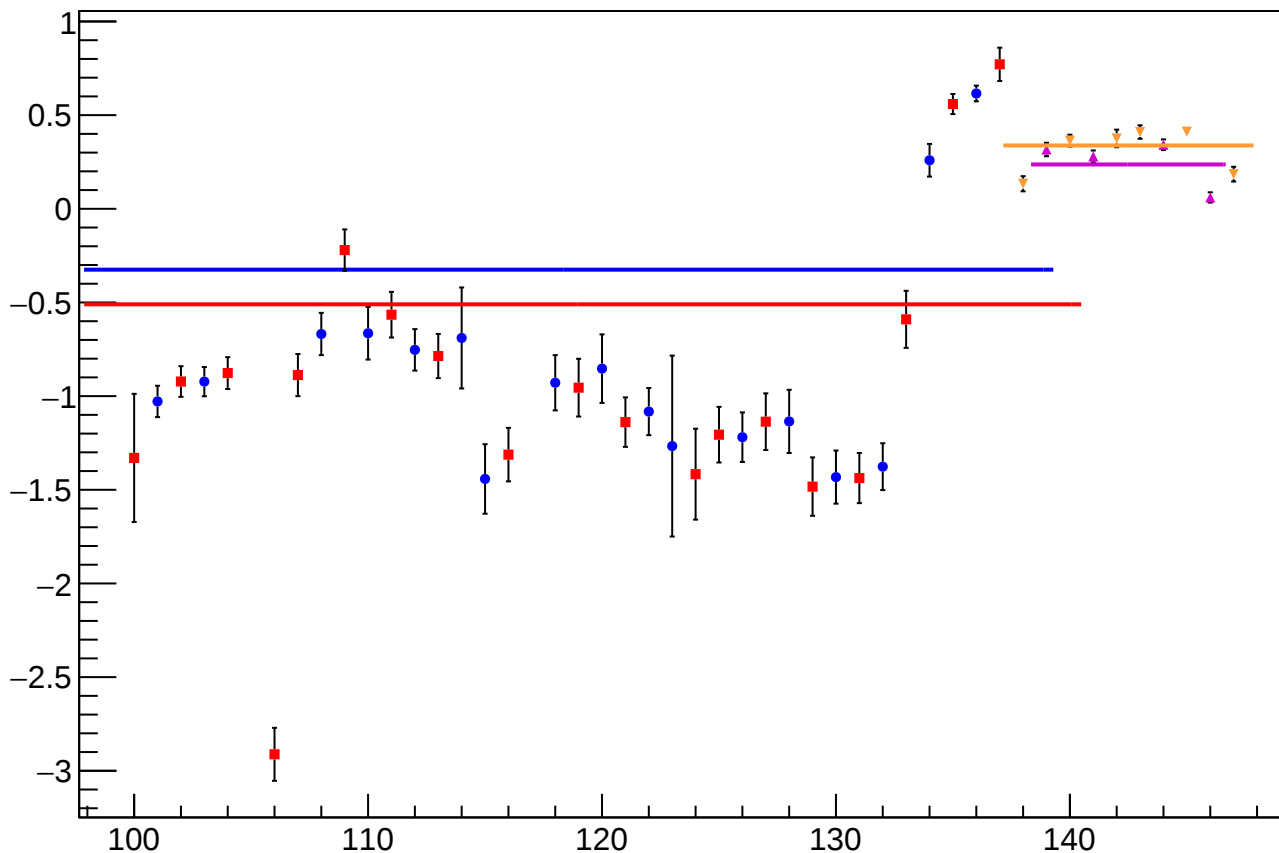
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.530 $\pm$ 0.252 χ^2 /NDF:4099.8/20

Out: 38.002 $\pm$ 0.240 χ^2 /NDF:4118.2/24

All: 38.254 $\pm$ 0.174 χ^2 /NDF: 8220.3/45

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: 0.338 ± 0.014 χ^2/NDF : 55.2/5

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.237 ± 0.015 χ^2/NDF : 61.7/3

Left: 0.292 ± 0.010 χ^2/NDF : 141.0/9

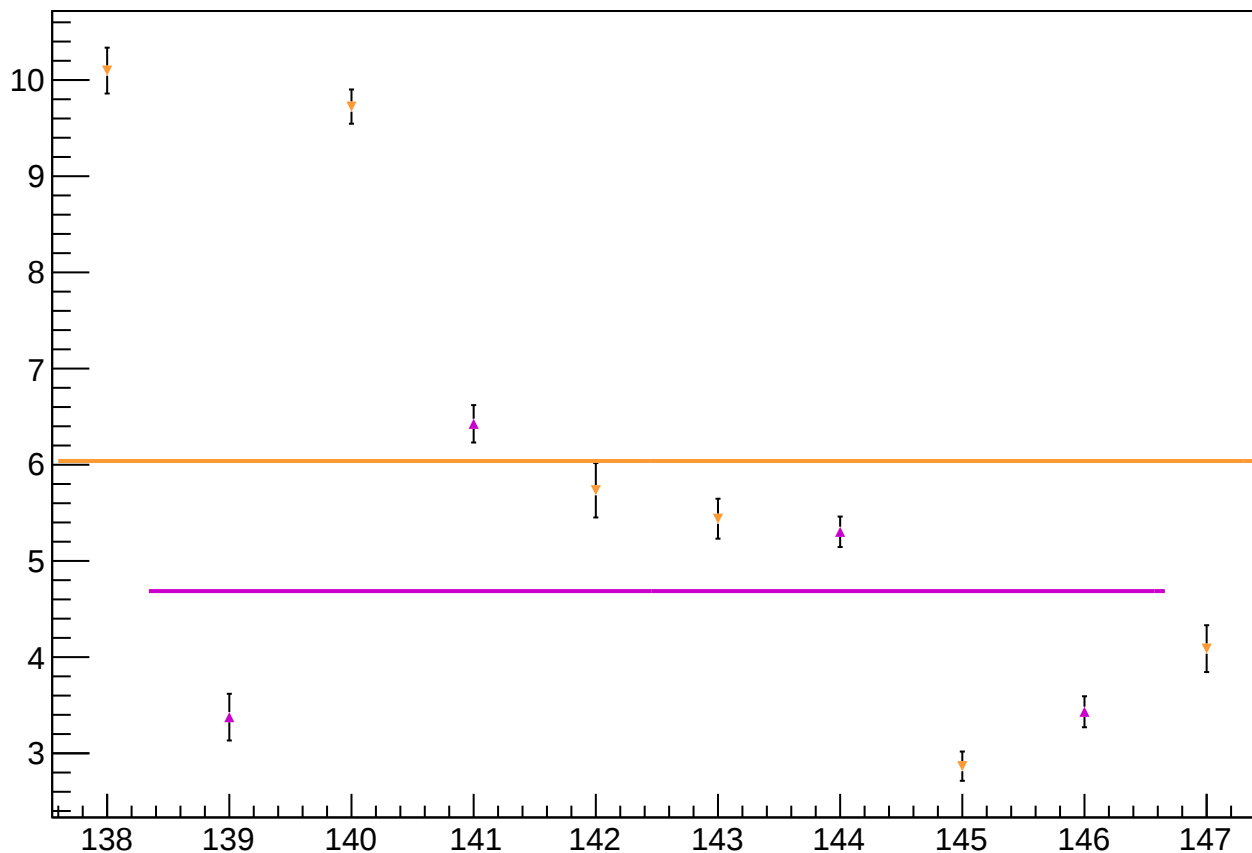
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.084 ± 0.013 χ^2/NDF : 1443.1/20

Out: 0.146 ± 0.012 χ^2/NDF : 2066.9/24

All: 0.117 ± 0.009 χ^2/NDF : 3522.2/45

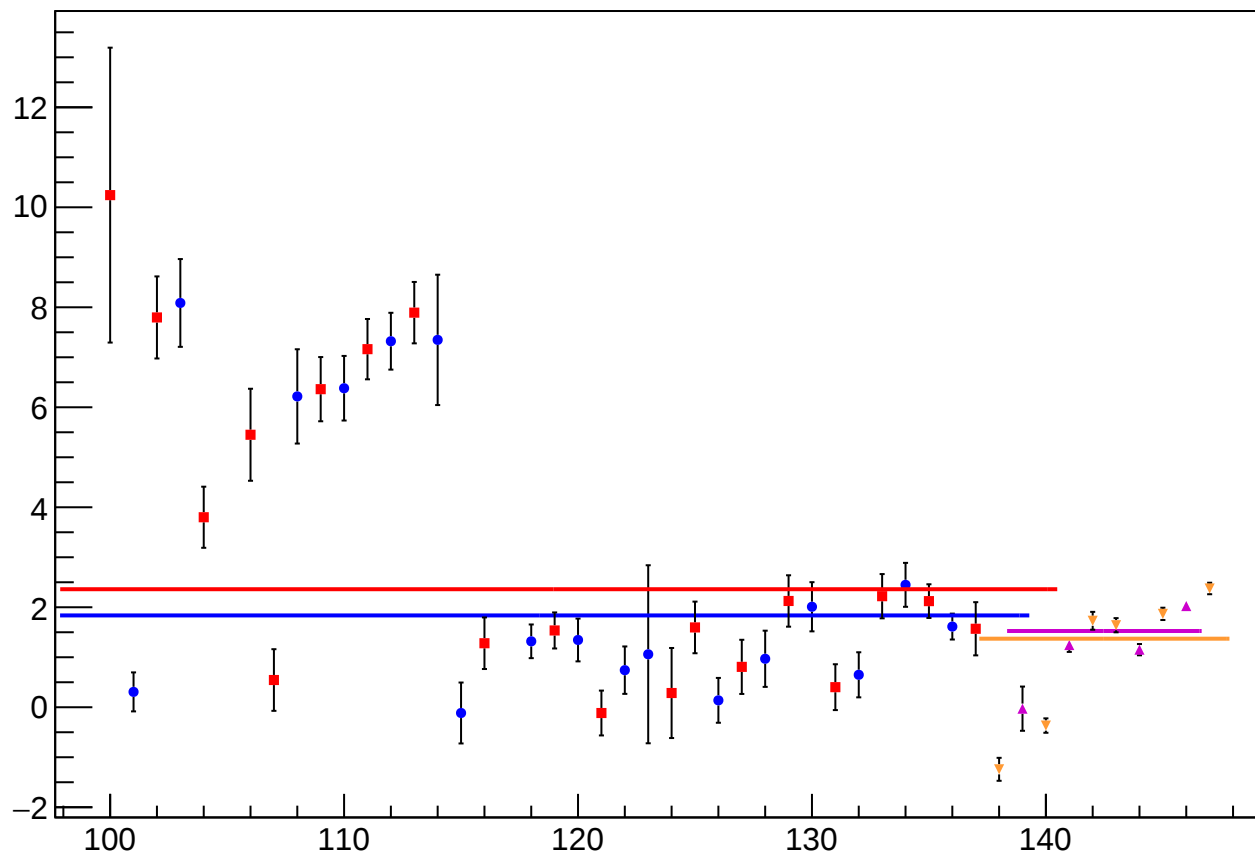
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.039+/-0.083 χ^2/NDF :1227.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.687+/-0.091 χ^2/NDF :184.9/3

Left: 5.422+/-0.061 χ^2/NDF : 1533.1/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.687+/-0.091 χ^2/NDF :184.9/3
 Out: 6.039+/-0.083 χ^2/NDF :1227.1/5
 All: 5.422+/-0.061 χ^2/NDF : 1533.1/9

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: 1.371 ± 0.059 χ^2/NDF : 374.5/5

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.525 ± 0.064 χ^2/NDF : 53.4/3

Left: 1.441 ± 0.043 χ^2/NDF : 431.0/9

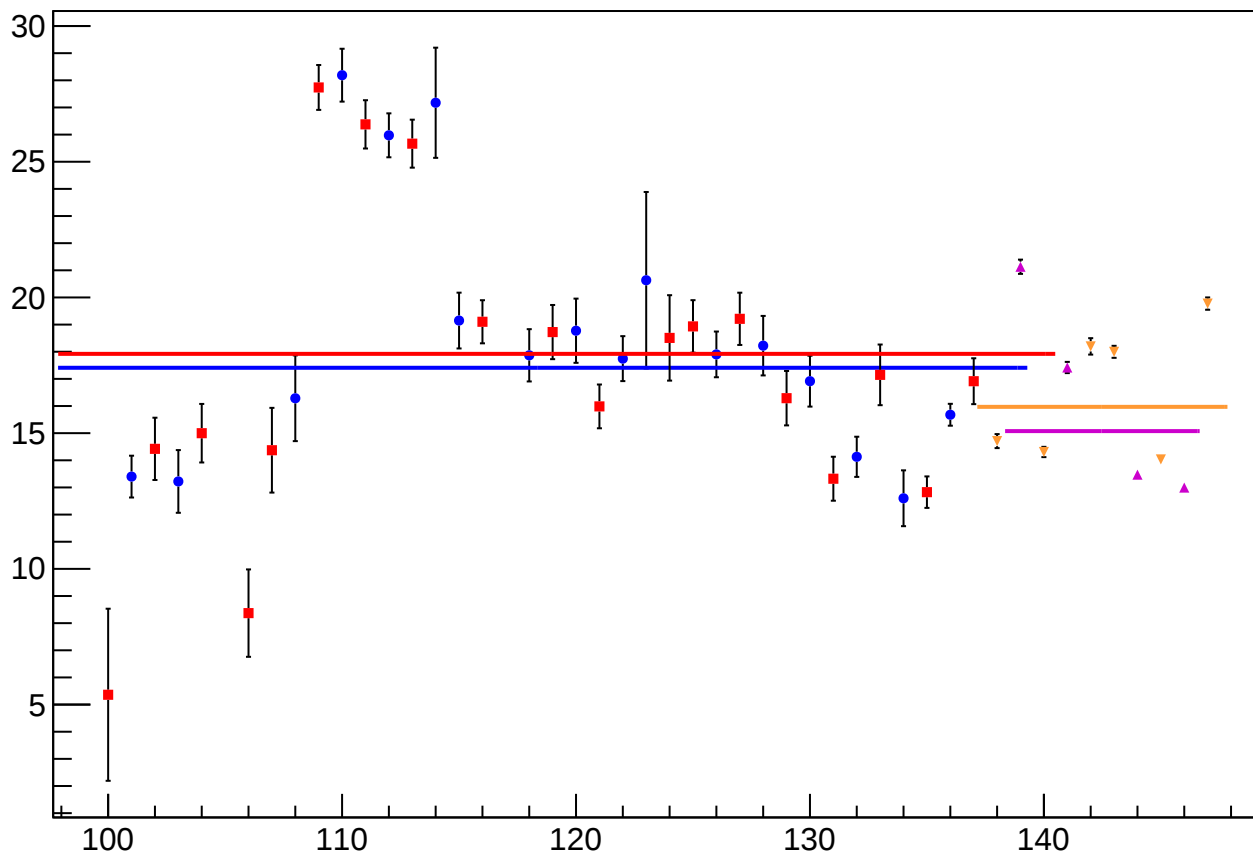
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.598 ± 0.056 χ^2/NDF : 353.0/20

Out: 1.557 ± 0.053 χ^2/NDF : 764.5/24

All: 1.576 ± 0.039 χ^2/NDF : 1117.8/45

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.970 $\pm$ 0.087 χ^2 /NDF: 662.5/5

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 15.076 $\pm$ 0.093 χ^2 /NDF: 930.9/3

Left: 15.554 $\pm$ 0.064 χ^2 /NDF: 1642.2/9

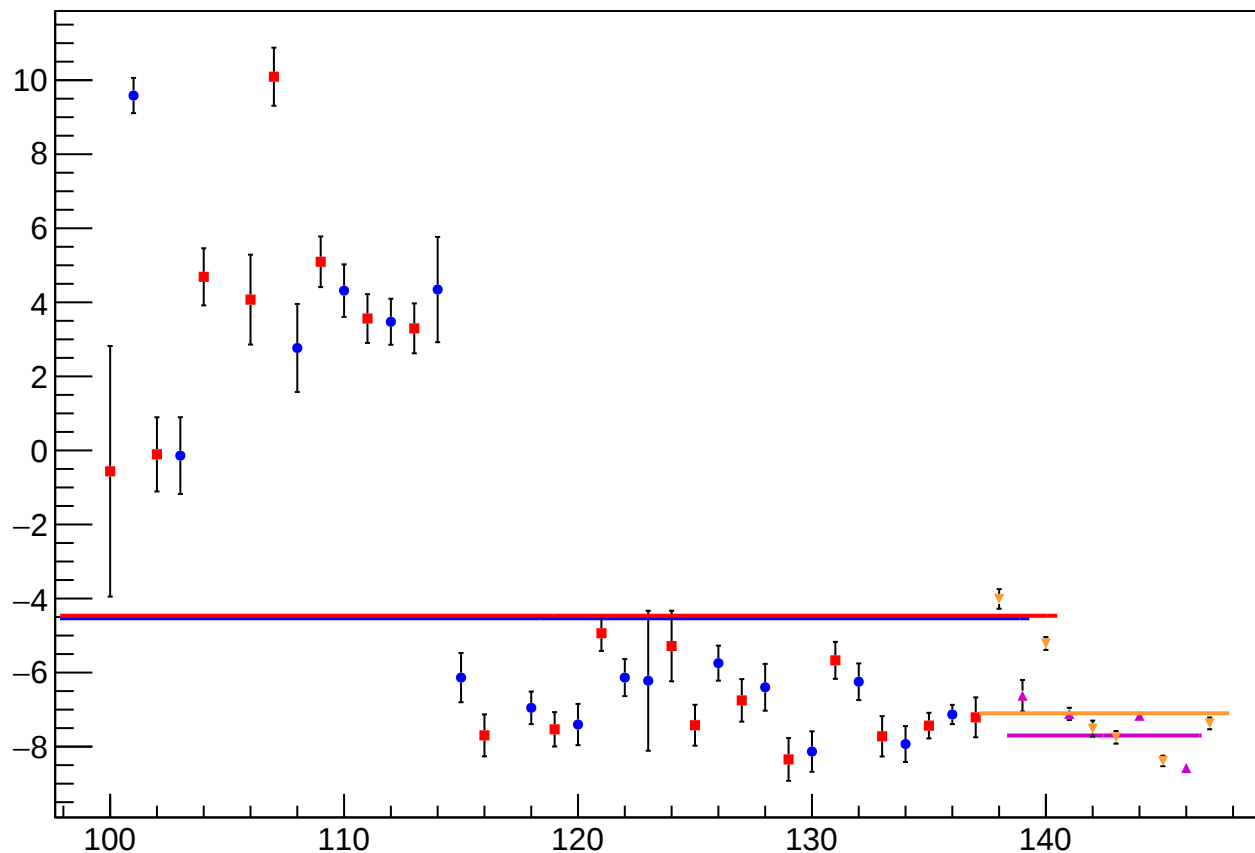
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 15.456 $\pm$ 0.086 χ^2 /NDF: 1397.4/20

Out: 16.237 $\pm$ 0.081 χ^2 /NDF: 1237.7/24

All: 15.868 $\pm$ 0.059 χ^2 /NDF: 2679.1/45

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: -7.100 ± 0.072 χ^2/NDF : 355.2/5

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.700 ± 0.078 χ^2/NDF : 84.5/3

Left: -7.375 ± 0.053 χ^2/NDF : 471.3/9

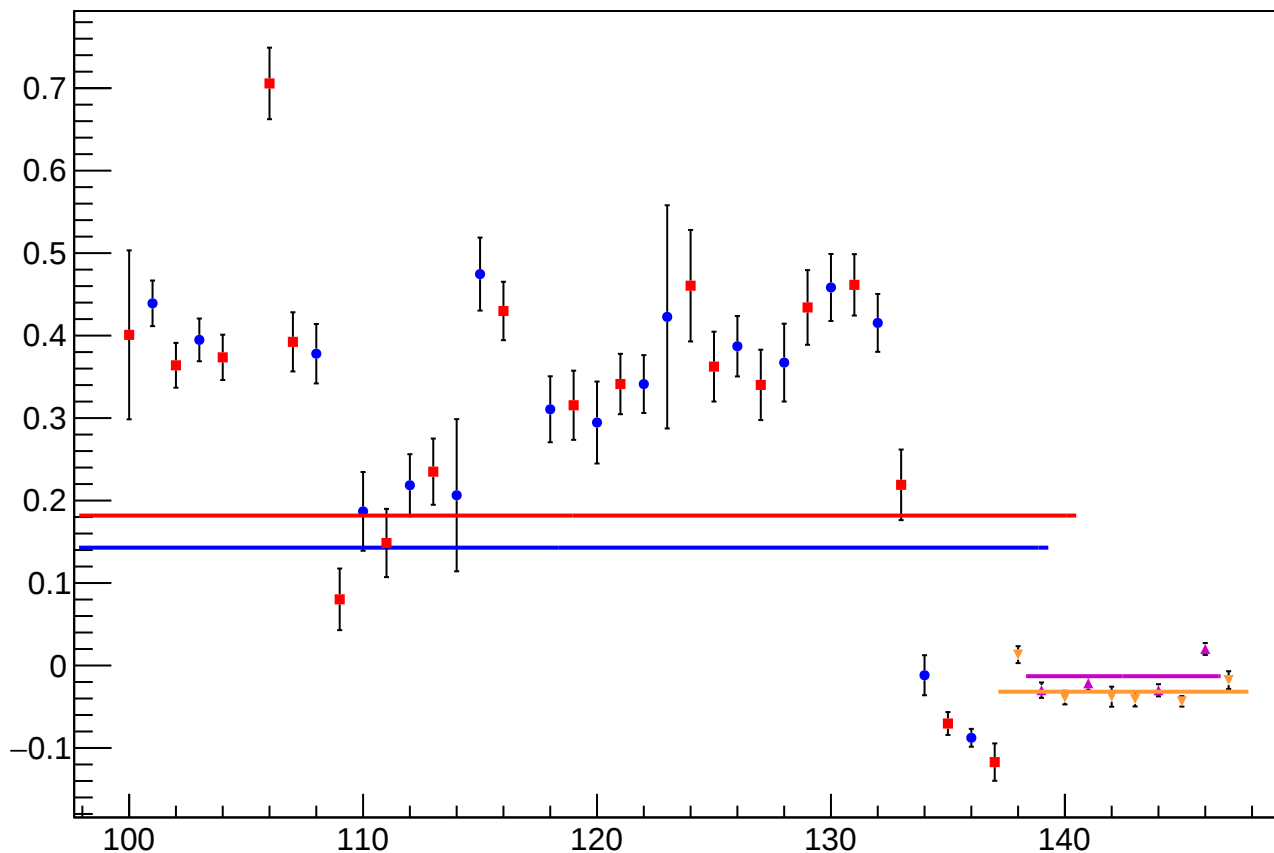
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.851 ± 0.067 χ^2/NDF : 2109.5/20

Out: -6.526 ± 0.064 χ^2/NDF : 1986.0/24

All: -6.680 ± 0.046 χ^2/NDF : 4107.8/45

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF : 1058.9/16

Left Out: -0.032+/-0.004 χ^2/NDF : 26.3/5

Right Out: 0.182+/-0.007 χ^2/NDF : 1008.3/18

Left In: -0.013+/-0.004 χ^2/NDF : 30.6/3

Left: -0.023+/-0.003 χ^2/NDF : 69.2/9

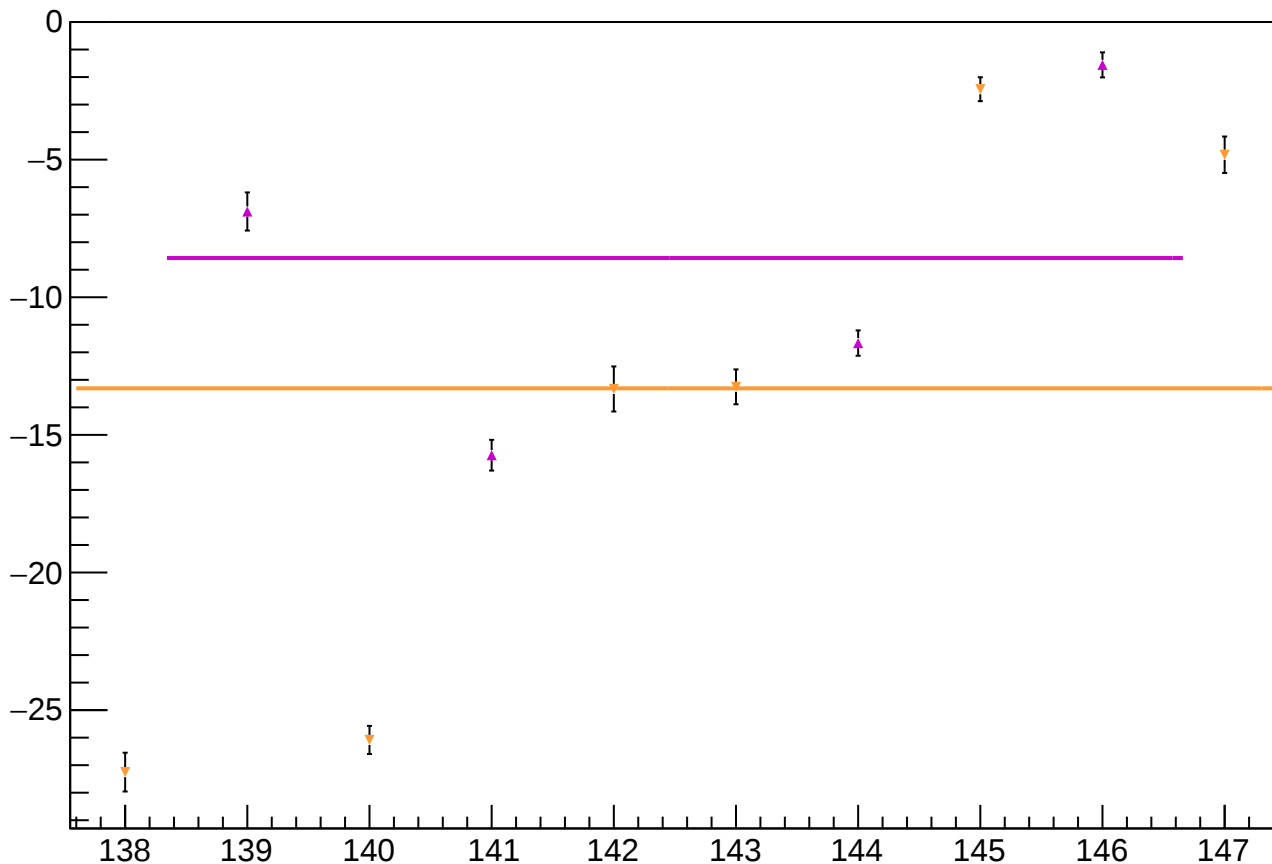
Right: 0.161+/-0.005 χ^2/NDF : 2081.6/35

In: 0.024+/-0.003 χ^2/NDF : 1460.3/20

Out: 0.009+/-0.003 χ^2/NDF : 1710.1/24

All: 0.016+/-0.002 χ^2/NDF : 3180.6/45

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: -13.309+/-0.240 χ^2/NDF :1808.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.575+/-0.260 χ^2/NDF :453.8/3

Left: -11.131+/-0.176 χ^2/NDF : 2441.6/9

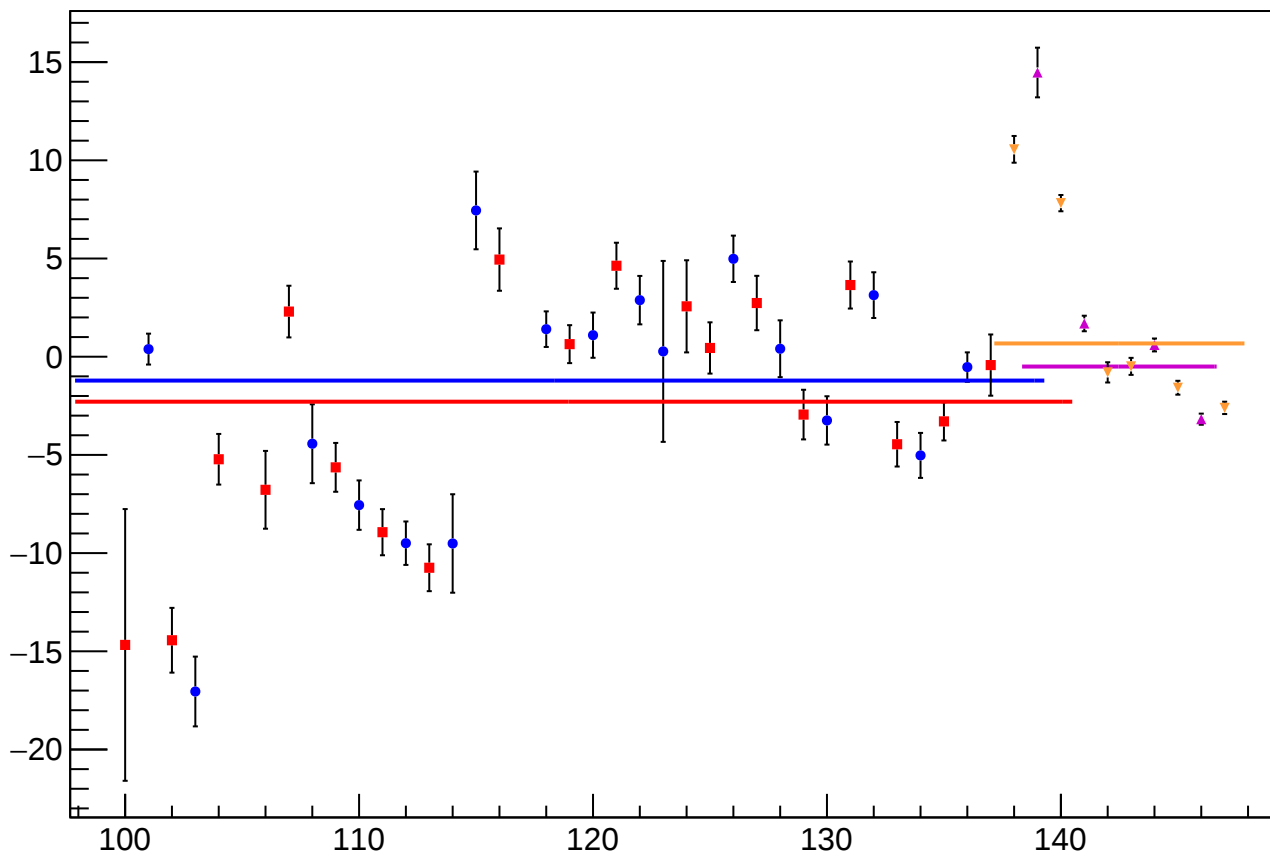
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.575+/-0.260 χ^2/NDF :453.8/3

Out: -13.309+/-0.240 χ^2/NDF :1808.2/5

All: -11.131+/-0.176 χ^2/NDF : 2441.6/9

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.676 ± 0.169 χ^2/NDF : 673.1/5

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.501 ± 0.186 χ^2/NDF : 271.8/3

Left: 0.146 ± 0.125 χ^2/NDF : 966.9/9

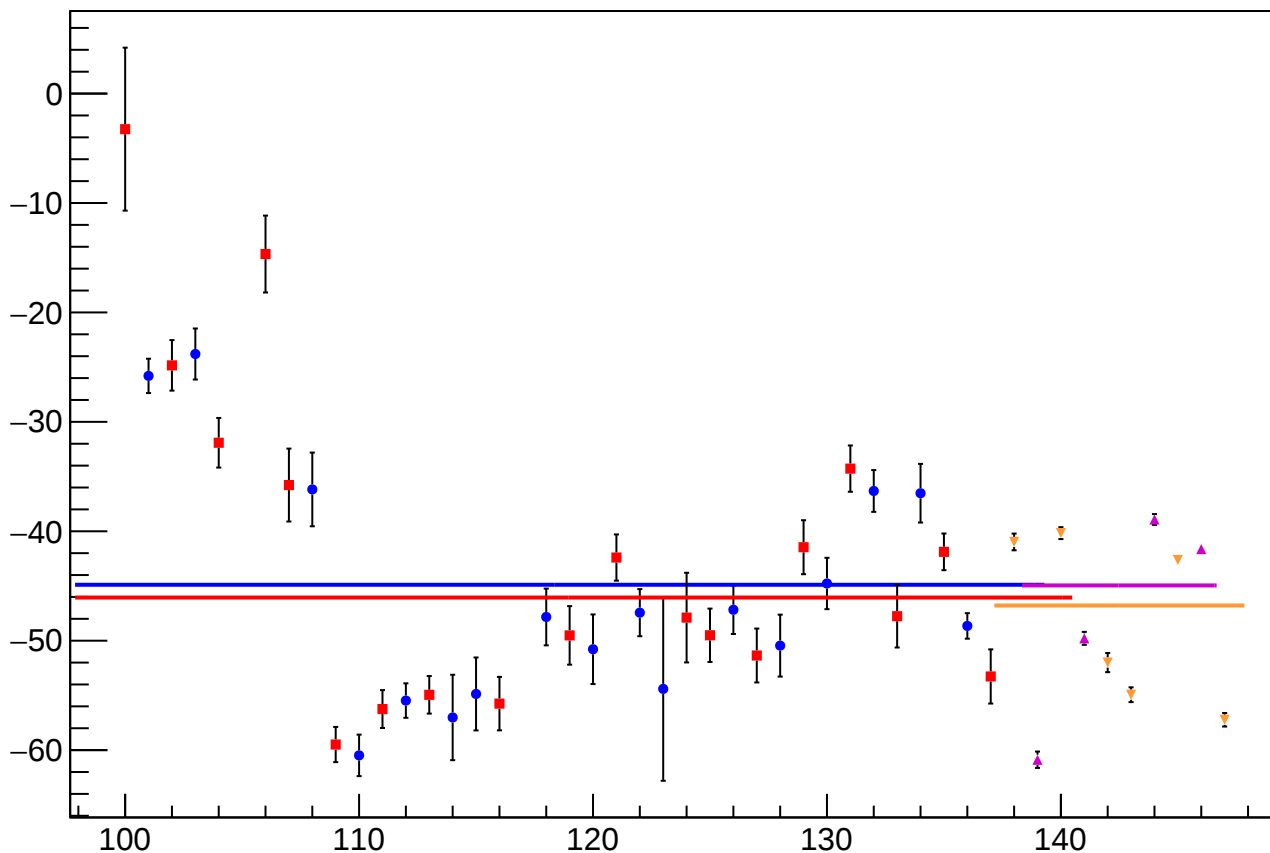
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.709 ± 0.157 χ^2/NDF : 554.8/20

Out: -0.029 ± 0.147 χ^2/NDF : 1033.7/24

All: -0.347 ± 0.107 χ^2/NDF : 1598.6/45

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -46.781 ± 0.251 $\chi^2/\text{NDF}: 753.6/5$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -44.948 ± 0.268 $\chi^2/\text{NDF}: 726.0/3$

Left: -45.925 ± 0.183 $\chi^2/\text{NDF}: 1504.6/9$

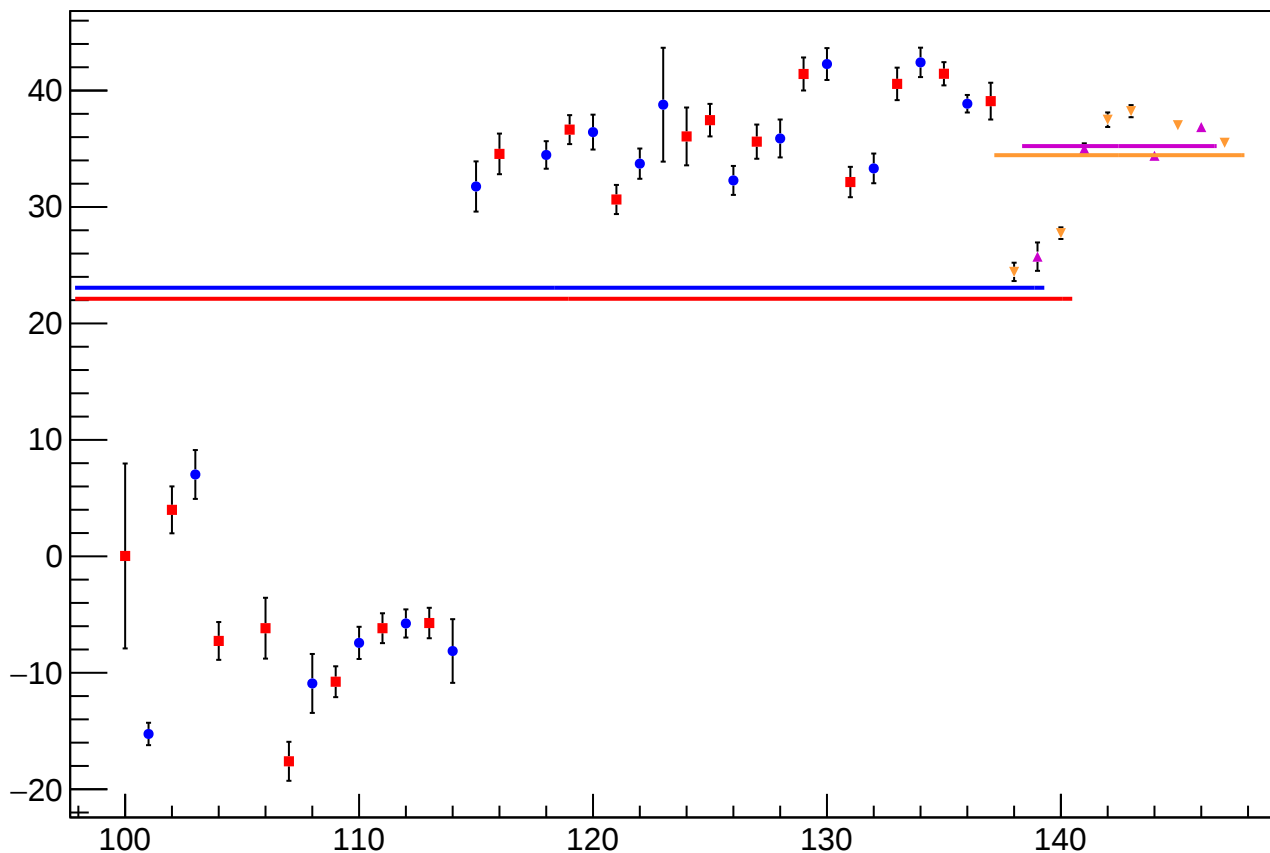
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -44.936 ± 0.238 $\chi^2/\text{NDF}: 1146.4/20$

Out: -46.648 ± 0.226 $\chi^2/\text{NDF}: 1208.9/24$

All: -45.835 ± 0.164 $\chi^2/\text{NDF}: 2382.4/45$

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: 34.449 $\pm$ 0.208 χ^2 /NDF:463.1/5

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.231 $\pm$ 0.226 χ^2 /NDF:86.6/3

Left: 34.807 $\pm$ 0.153 χ^2 /NDF: 556.2/9

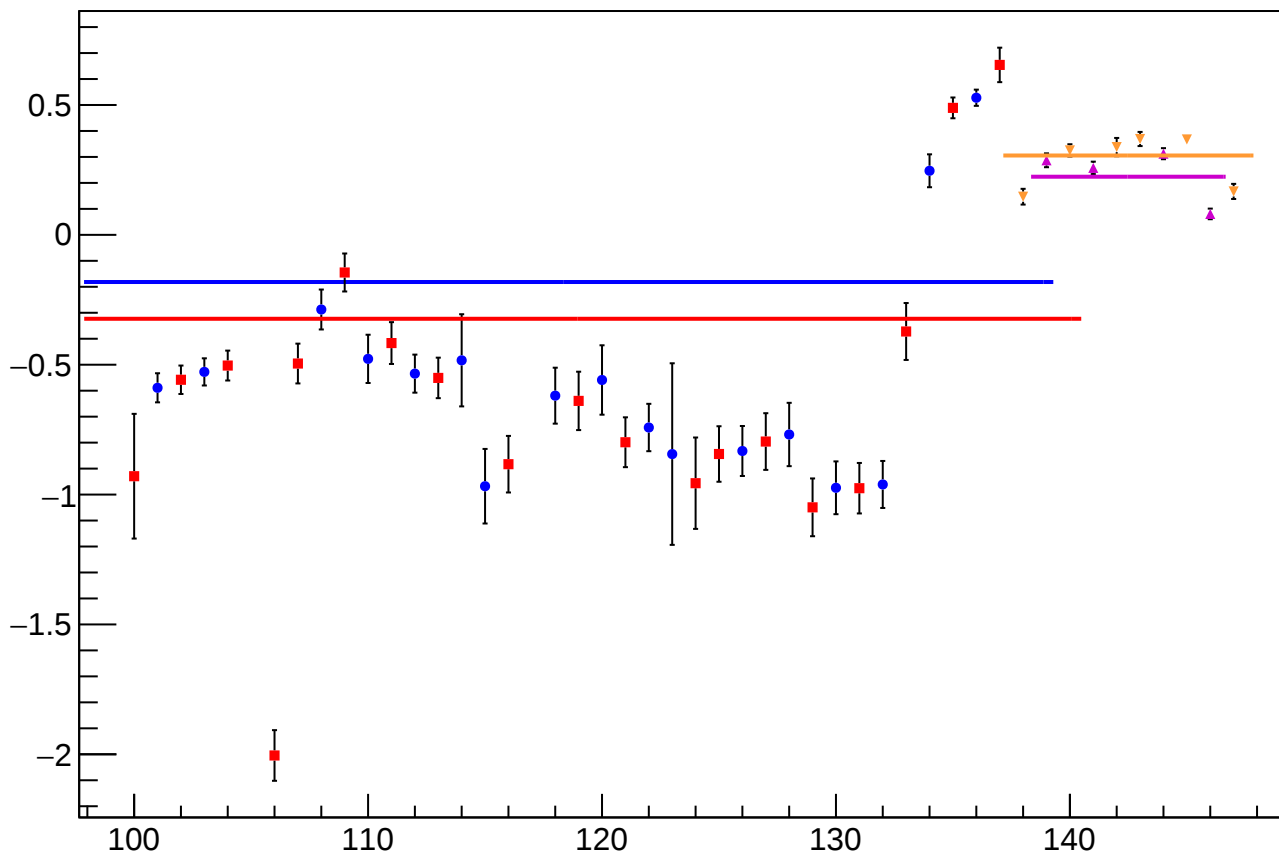
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 31.289 $\pm$ 0.186 χ^2 /NDF:5358.1/20

Out: 31.094 $\pm$ 0.177 χ^2 /NDF:5455.5/24

All: 31.187 $\pm$ 0.128 χ^2 /NDF: 10814.2/45

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: 0.306 ± 0.010 χ^2/NDF : 68.7/5

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.224 ± 0.011 χ^2/NDF : 74.0/3

Left: 0.268 ± 0.008 χ^2/NDF : 170.9/9

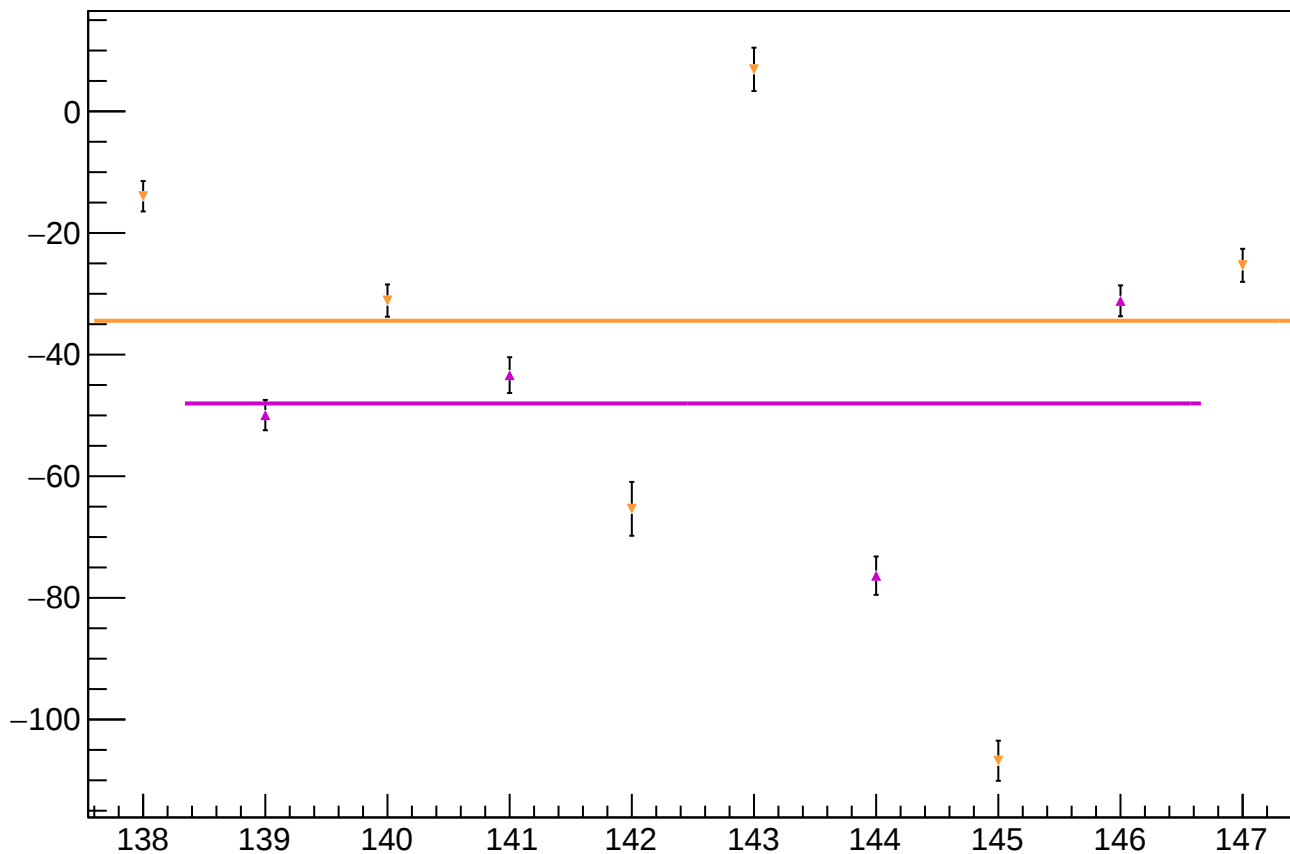
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.106 ± 0.010 χ^2/NDF : 1441.1/20

Out: 0.151 ± 0.009 χ^2/NDF : 2155.6/24

All: 0.130 ± 0.007 χ^2/NDF : 3608.4/45

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.431+/-1.231 χ^2/NDF :745.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.031+/-1.371 χ^2/NDF :128.0/3

Left: -40.506+/-0.916 χ^2/NDF : 927.4/9

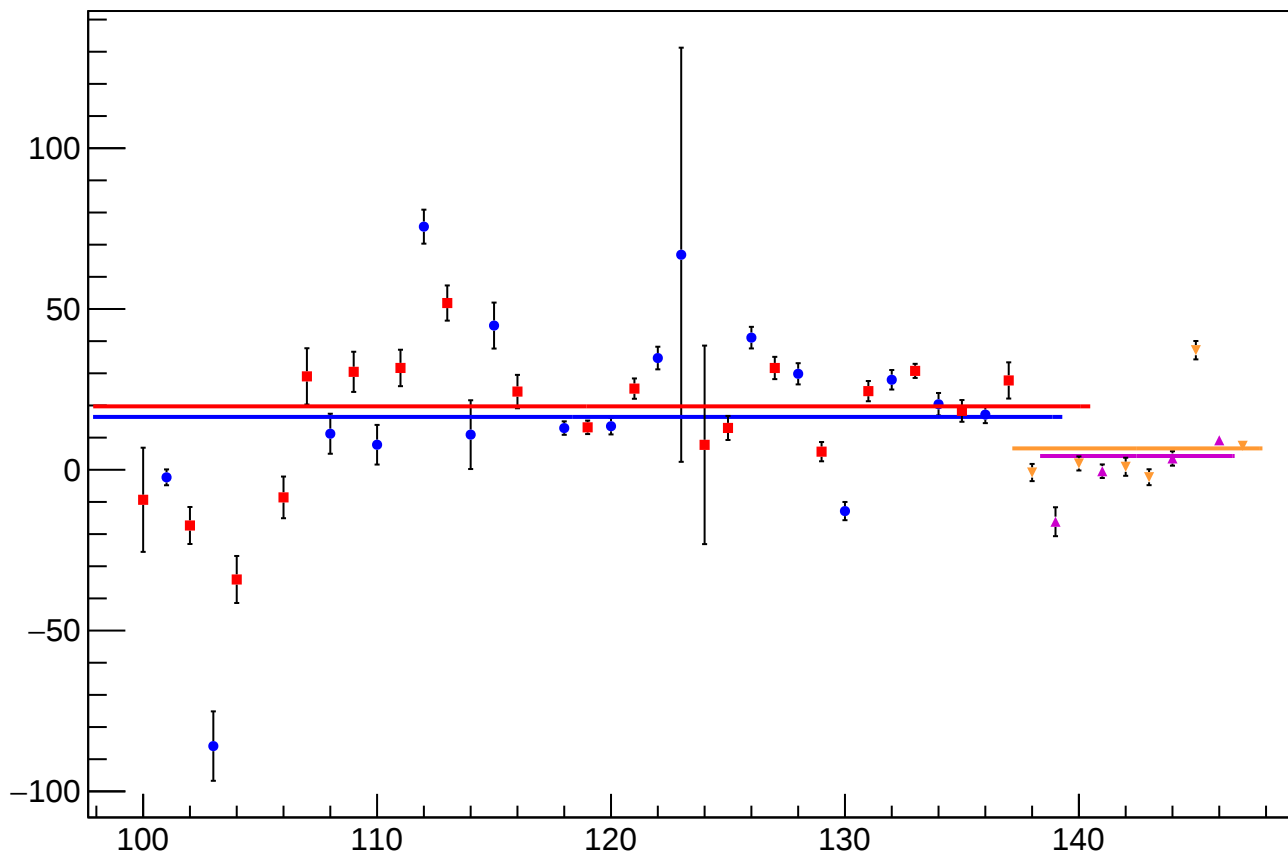
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.031+/-1.371 χ^2/NDF :128.0/3

Out: -34.431+/-1.231 χ^2/NDF :745.0/5

All: -40.506+/-0.916 χ^2/NDF : 927.4/9

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.649 $\pm$ 0.857 χ^2 /NDF:144.3/5

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 4.283 $\pm$ 1.038 χ^2 /NDF:36.6/3

Left: 5.690 $\pm$ 0.661 χ^2 /NDF: 184.0/9

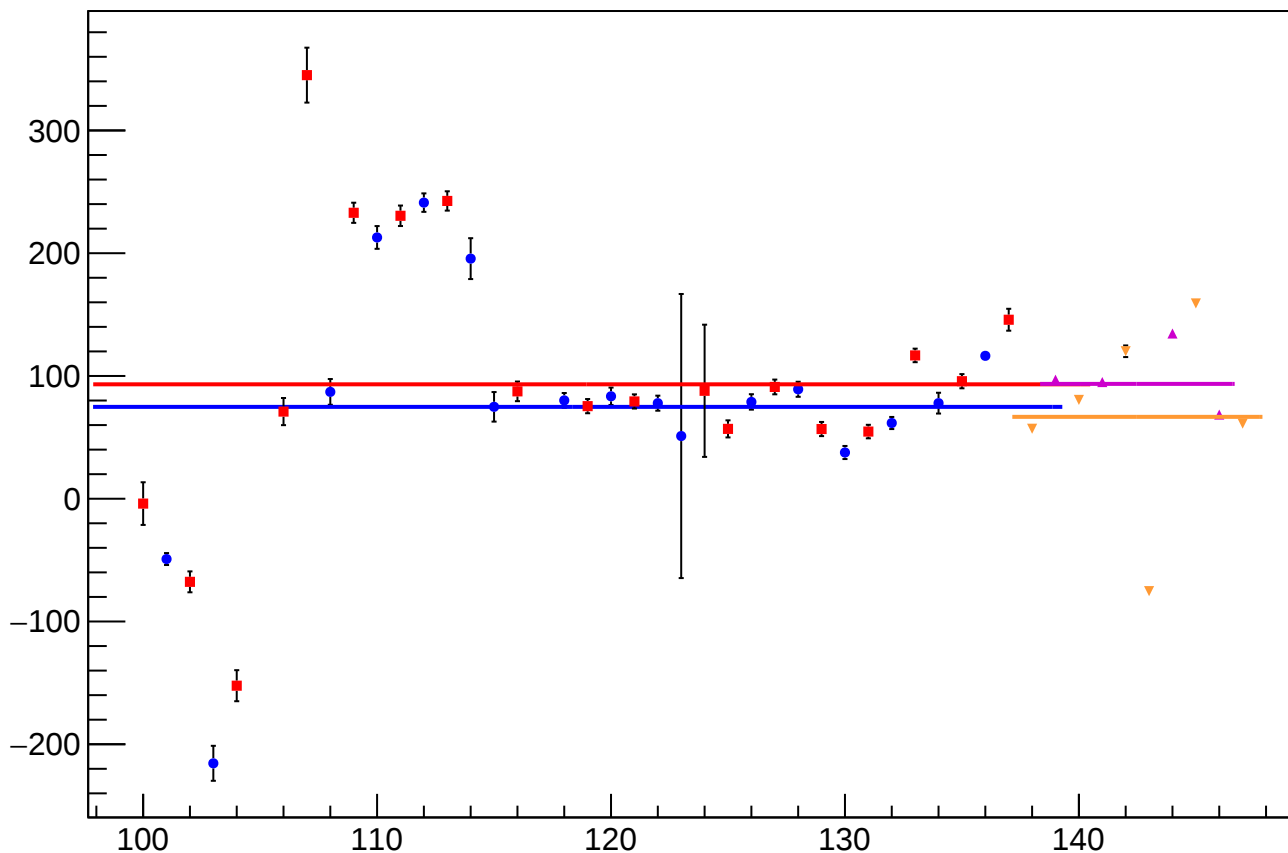
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 11.570 $\pm$ 0.657 χ^2 /NDF:635.8/20

Out: 12.883 $\pm$ 0.620 χ^2 /NDF:497.0/24

All: 12.265 $\pm$ 0.451 χ^2 /NDF: 1134.8/45

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 66.702 $\pm$ 1.274 χ^2 /NDF:2290.9/5

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 93.546 $\pm$ 1.418 χ^2 /NDF:256.0/3

Left: 78.694 $\pm$ 0.948 χ^2 /NDF: 2745.1/9

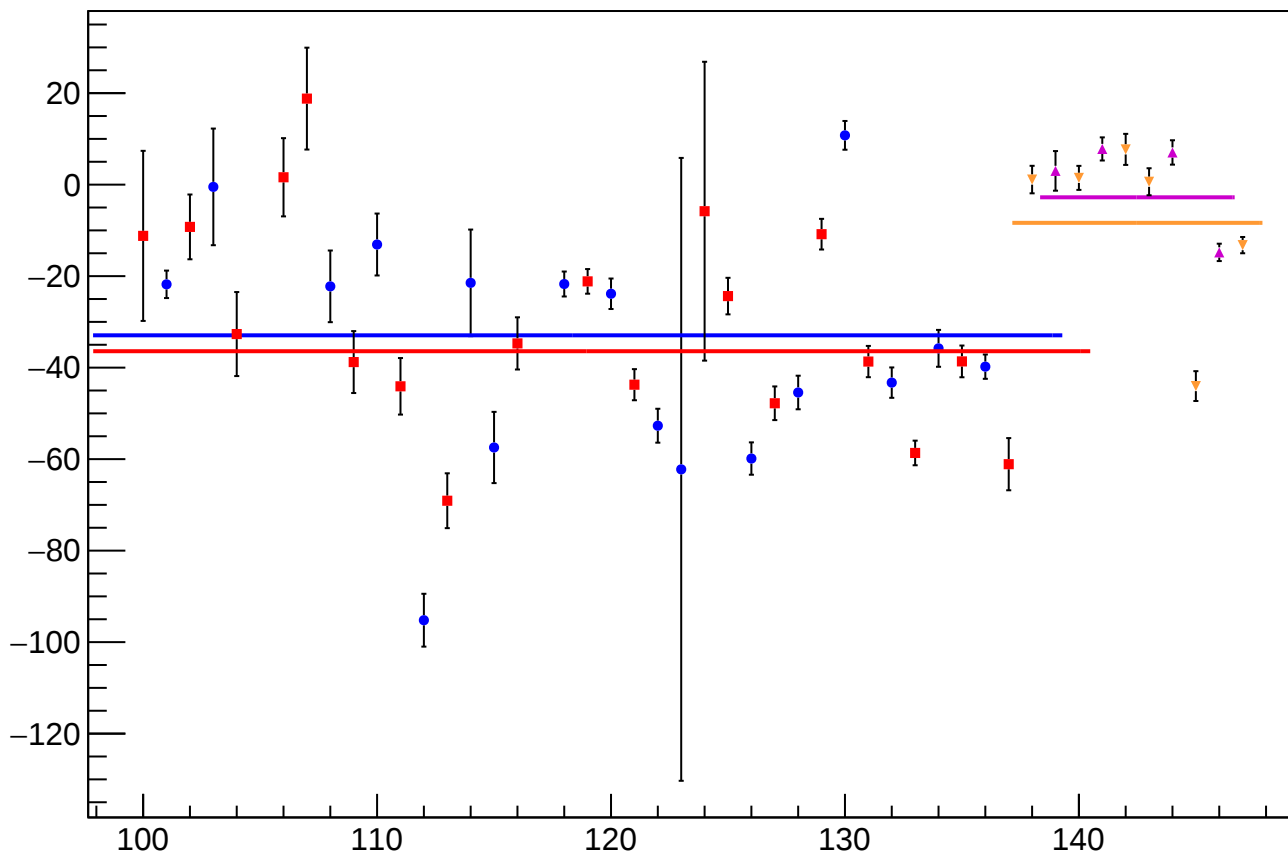
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 85.528 $\pm$ 1.072 χ^2 /NDF:2327.5/20

Out: 76.153 $\pm$ 1.022 χ^2 /NDF:4445.8/24

All: 80.616 $\pm$ 0.740 χ^2 /NDF: 6813.3/45

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -8.350 ± 1.074 $\chi^2/\text{NDF}: 182.8/5$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -2.769 ± 1.262 $\chi^2/\text{NDF}: 73.0/3$

Left: -6.006 ± 0.818 $\chi^2/\text{NDF}: 267.2/9$

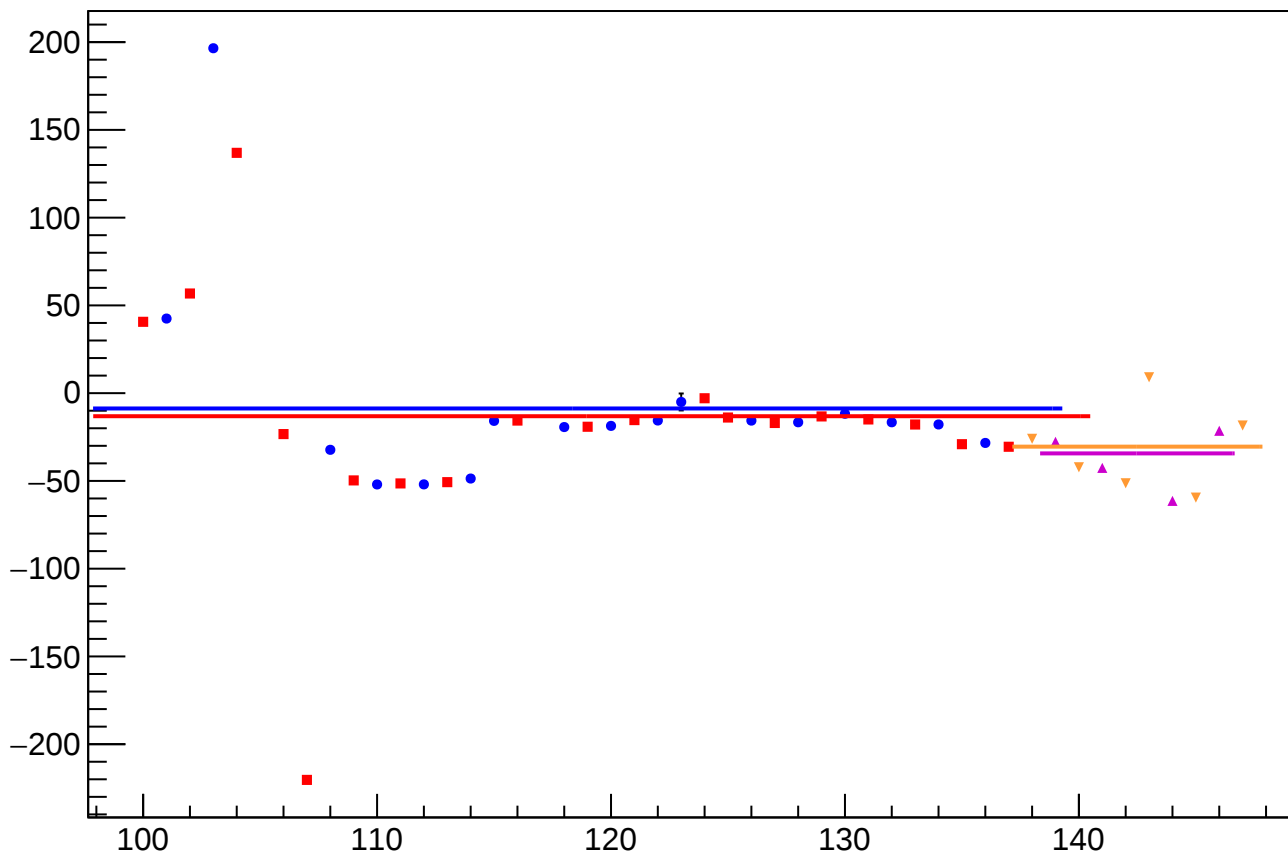
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -21.680 ± 0.771 $\chi^2/\text{NDF}: 922.2/20$

Out: -23.027 ± 0.741 $\chi^2/\text{NDF}: 835.2/24$

All: -22.380 ± 0.534 $\chi^2/\text{NDF}: 1759.0/45$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723+/-0.059 χ^2/NDF : 575838.7/16

Left Out: -30.470+/-0.053 χ^2/NDF :146357.5/5

Right Out: -13.136+/-0.062 χ^2/NDF : 558621.9/18

Left In: -34.320+/-0.058 χ^2/NDF :55910.5/3

Left: -32.239+/-0.039 χ^2/NDF : 204664.2/9

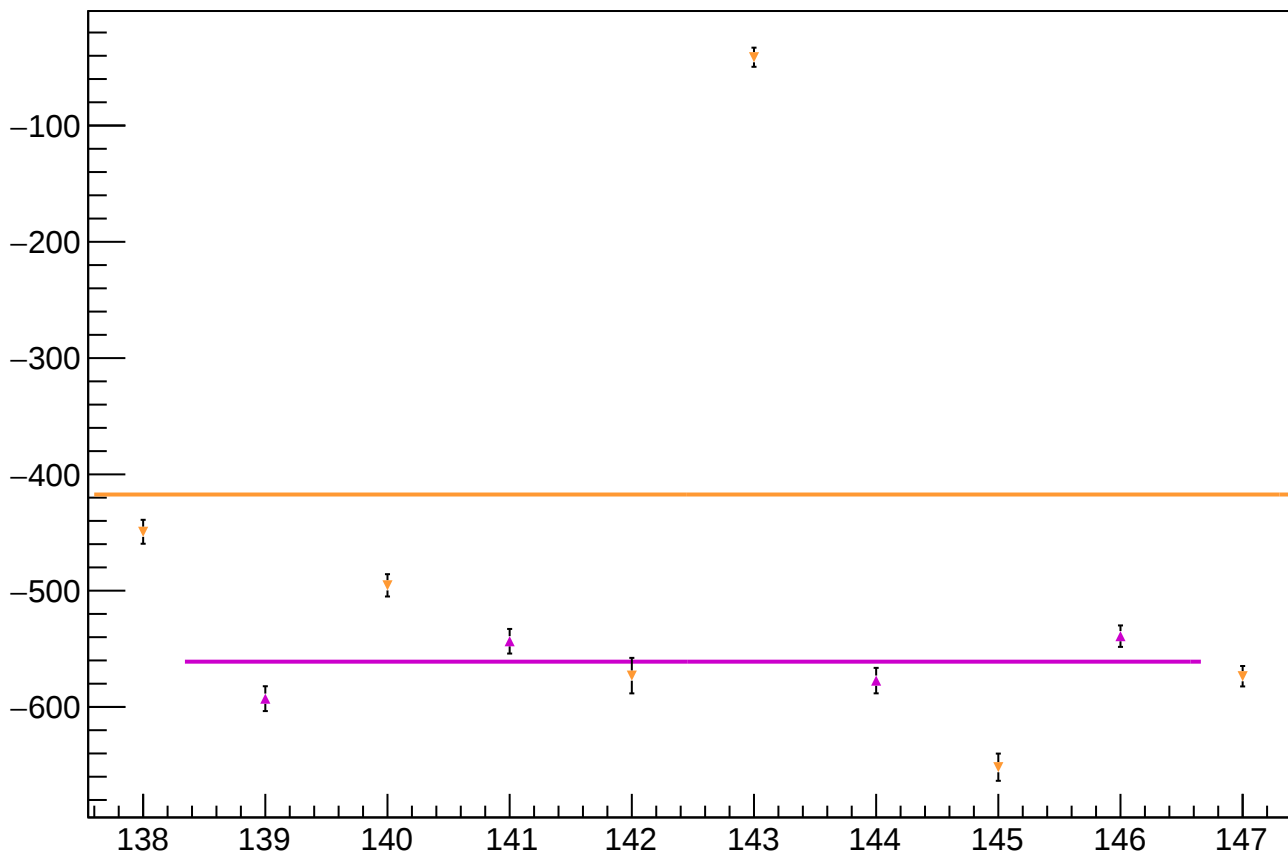
Right: -10.824+/-0.043 χ^2/NDF : 1137135.6/35

In: -21.751+/-0.041 χ^2/NDF :727983.9/20

Out: -23.066+/-0.040 χ^2/NDF :750136.6/24

All: -22.423+/-0.029 χ^2/NDF : 1478639.9/45

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -417.309+/-4.095 χ^2/NDF :2988.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -561.059+/-5.143 χ^2/NDF :19.5/3

Left: -473.074+/-3.204 χ^2/NDF : 3486.3/9

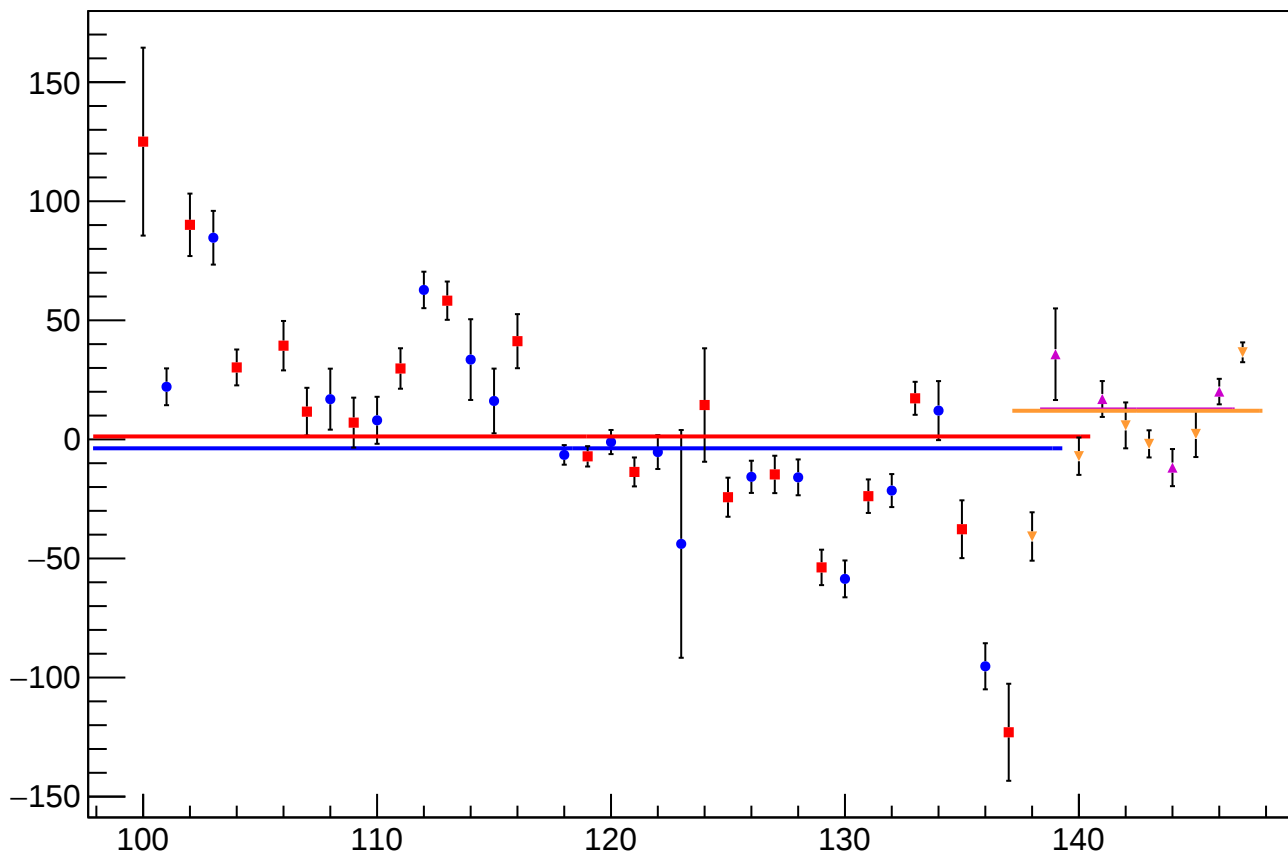
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -561.059+/-5.143 χ^2/NDF :19.5/3

Out: -417.309+/-4.095 χ^2/NDF :2988.7/5

All: -473.074+/-3.204 χ^2/NDF : 3486.3/9

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 $\chi^2/\text{NDF}: 314.1/16$

Left Out: 12.025 ± 2.714 $\chi^2/\text{NDF}: 75.0/5$

Right Out: 1.241 ± 1.916 $\chi^2/\text{NDF}: 303.5/18$

Left In: 12.571 ± 3.737 $\chi^2/\text{NDF}: 13.6/3$

Left: 12.214 ± 2.196 $\chi^2/\text{NDF}: 88.6/9$

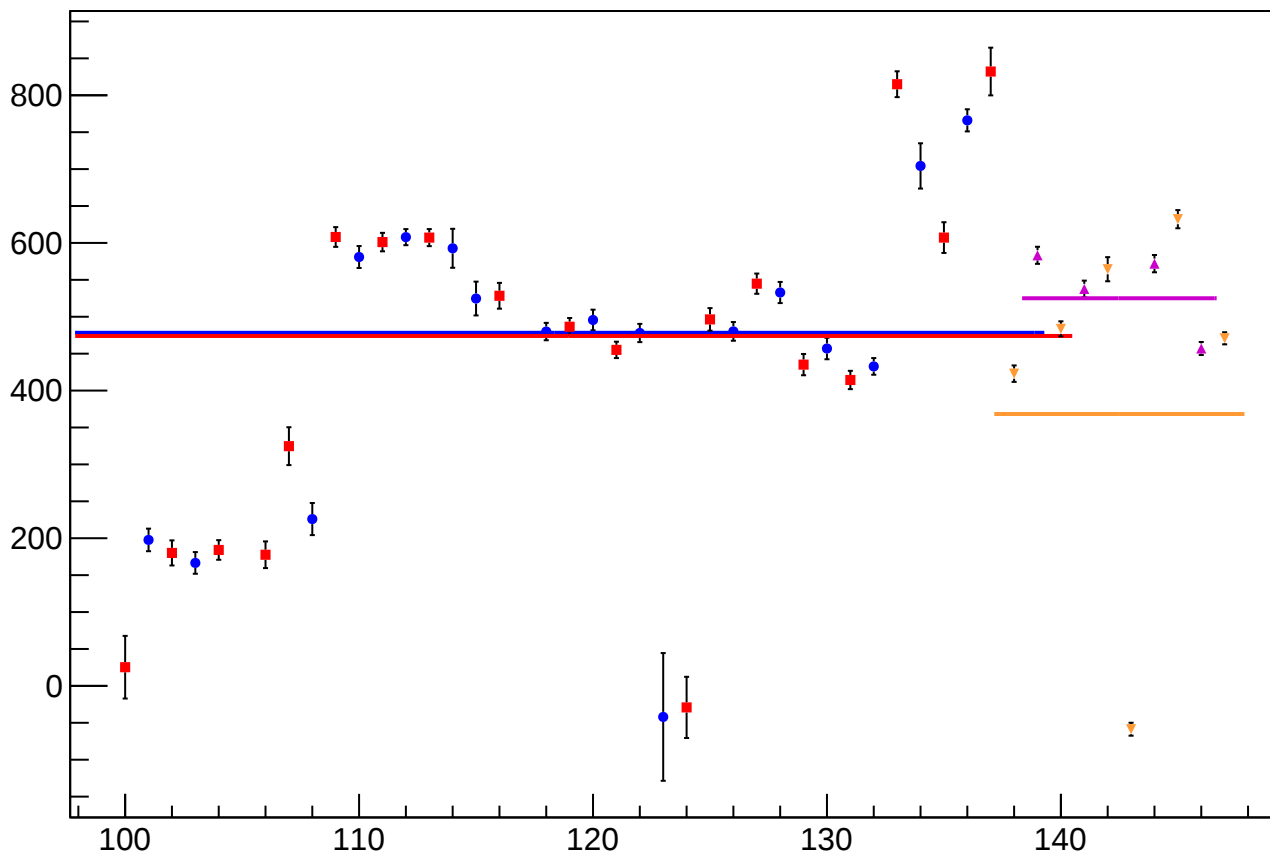
Right: -1.282 ± 1.346 $\chi^2/\text{NDF}: 621.1/35$

In: -0.415 ± 1.688 $\chi^2/\text{NDF}: 342.8/20$

Out: 4.827 ± 1.565 $\chi^2/\text{NDF}: 389.1/24$

All: 2.404 ± 1.148 $\chi^2/\text{NDF}: 737.1/45$

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: 368.267 $\pm$ 4.233 χ^2 /NDF:3280.2/5

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 525.049 $\pm$ 5.304 χ^2 /NDF:102.2/3

Left: 429.268 $\pm$ 3.308 χ^2 /NDF: 3916.3/9

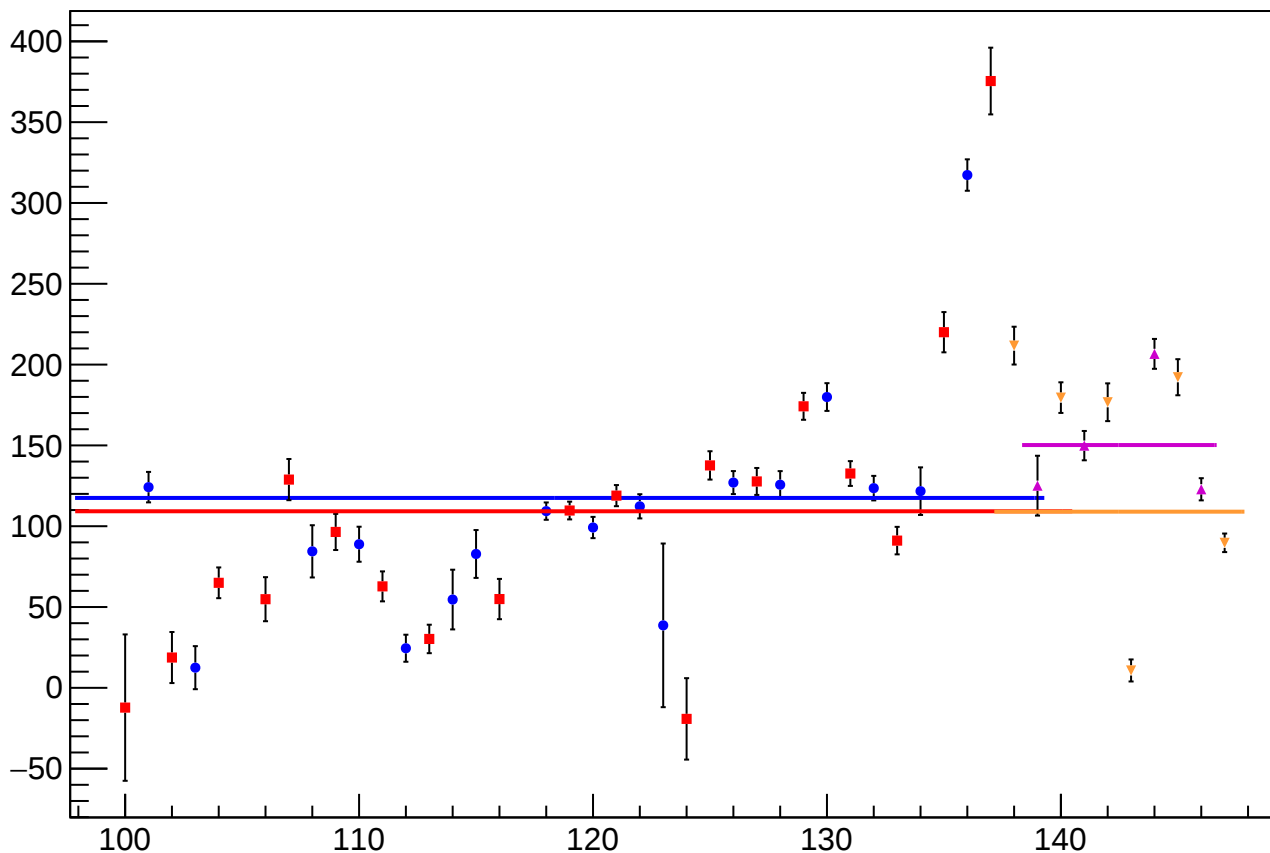
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 493.235 $\pm$ 3.000 χ^2 /NDF:1783.1/20

Out: 430.625 $\pm$ 2.711 χ^2 /NDF:5936.6/24

All: 458.763 $\pm$ 2.011 χ^2 /NDF: 7959.4/45

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: 109.000 $\pm$ 3.417 χ^2 /NDF:440.7/5

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 150.224 $\pm$ 4.564 χ^2 /NDF:55.0/3

Left: 123.803 $\pm$ 2.735 χ^2 /NDF: 548.0/9

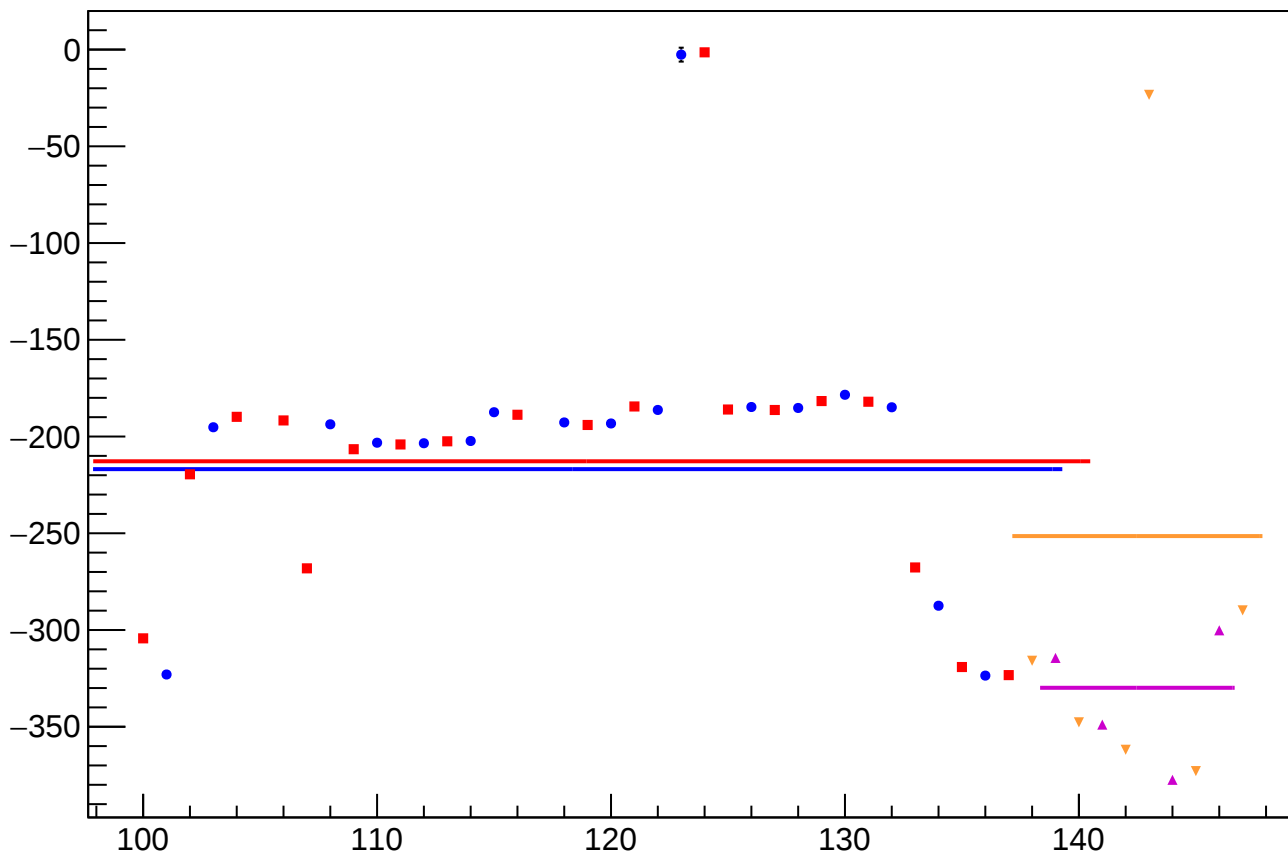
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 123.660 $\pm$ 1.980 χ^2 /NDF:802.6/20

Out: 109.174 $\pm$ 1.853 χ^2 /NDF:1010.1/24

All: 115.938 $\pm$ 1.353 χ^2 /NDF: 1841.3/45

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -251.453+/-0.178 χ^2/NDF : 587446.9/5

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -329.861+/-0.220 χ^2/NDF : 17133.5/3

Left: -282.599+/-0.139 χ^2/NDF : 681289.7/9

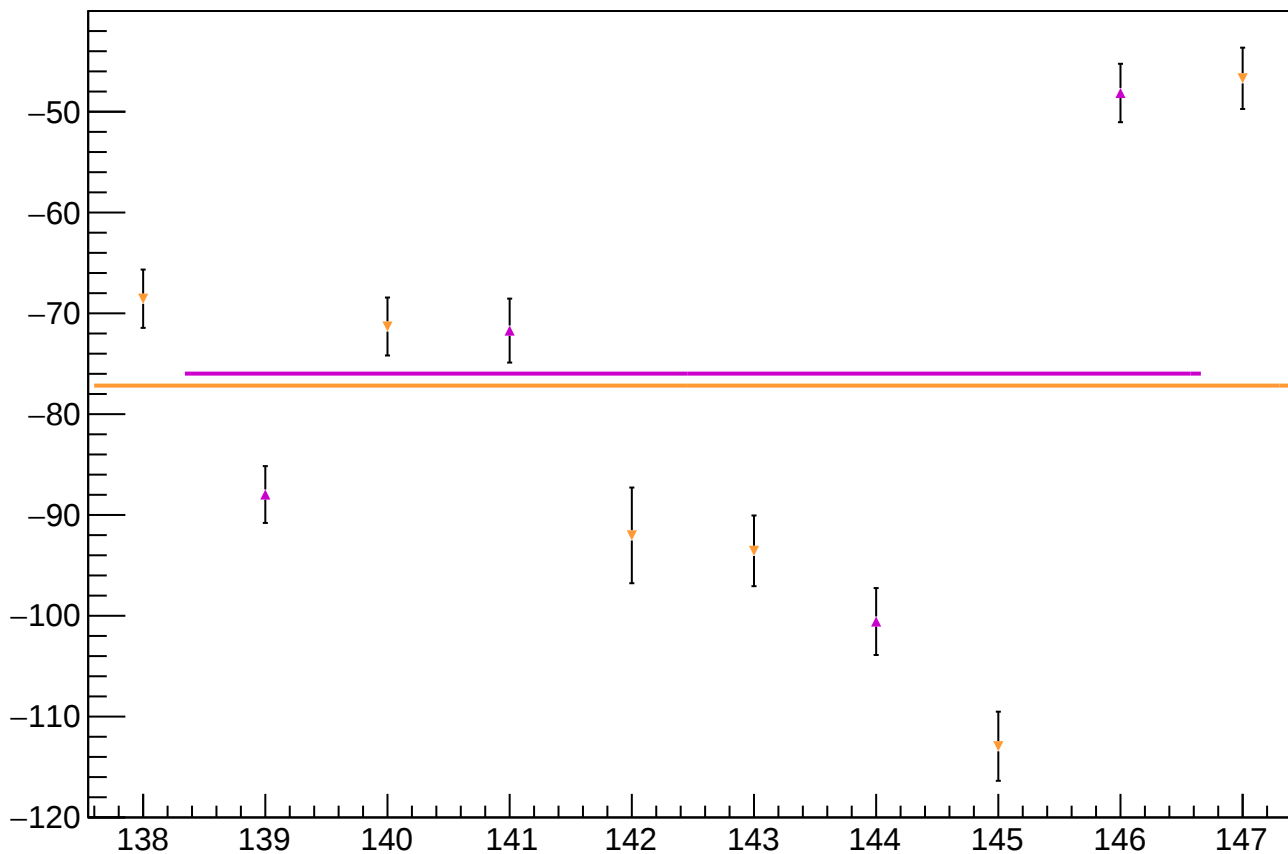
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -248.096+/-0.116 χ^2/NDF : 355331.0/20

Out: -226.208+/-0.105 χ^2/NDF : 734694.7/24

All: -236.117+/-0.078 χ^2/NDF : 1109658.5/45

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.167+/-1.337 χ^2/NDF :254.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.978+/-1.516 χ^2/NDF :167.1/3

Left: -76.647+/-1.003 χ^2/NDF : 421.6/9

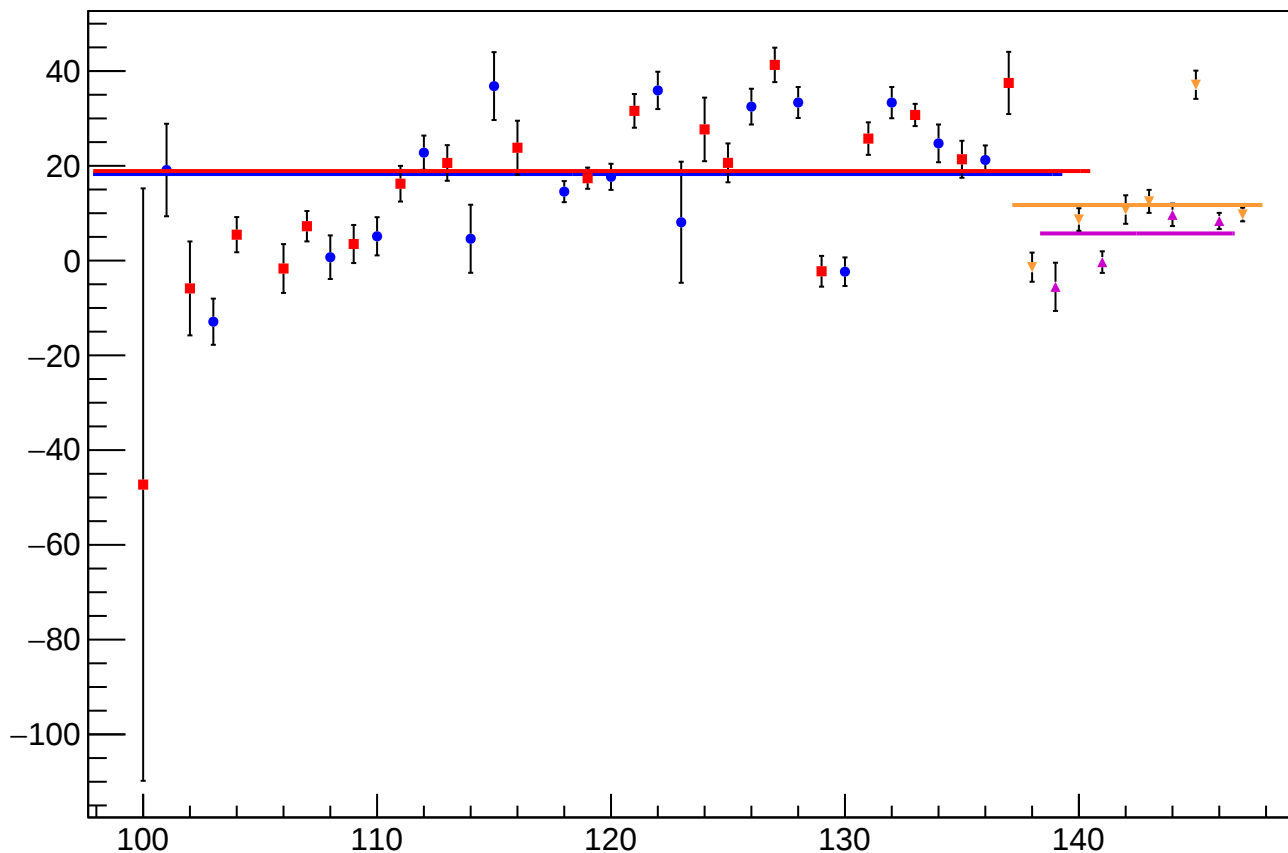
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.978+/-1.516 χ^2/NDF :167.1/3

Out: -77.167+/-1.337 χ^2/NDF :254.1/5

All: -76.647+/-1.003 χ^2/NDF : 421.6/9

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 11.725 ± 0.931 χ^2/NDF : 94.4/5

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 5.727 ± 1.152 χ^2/NDF : 17.1/3

Left: 9.357 ± 0.724 χ^2/NDF : 127.9/9

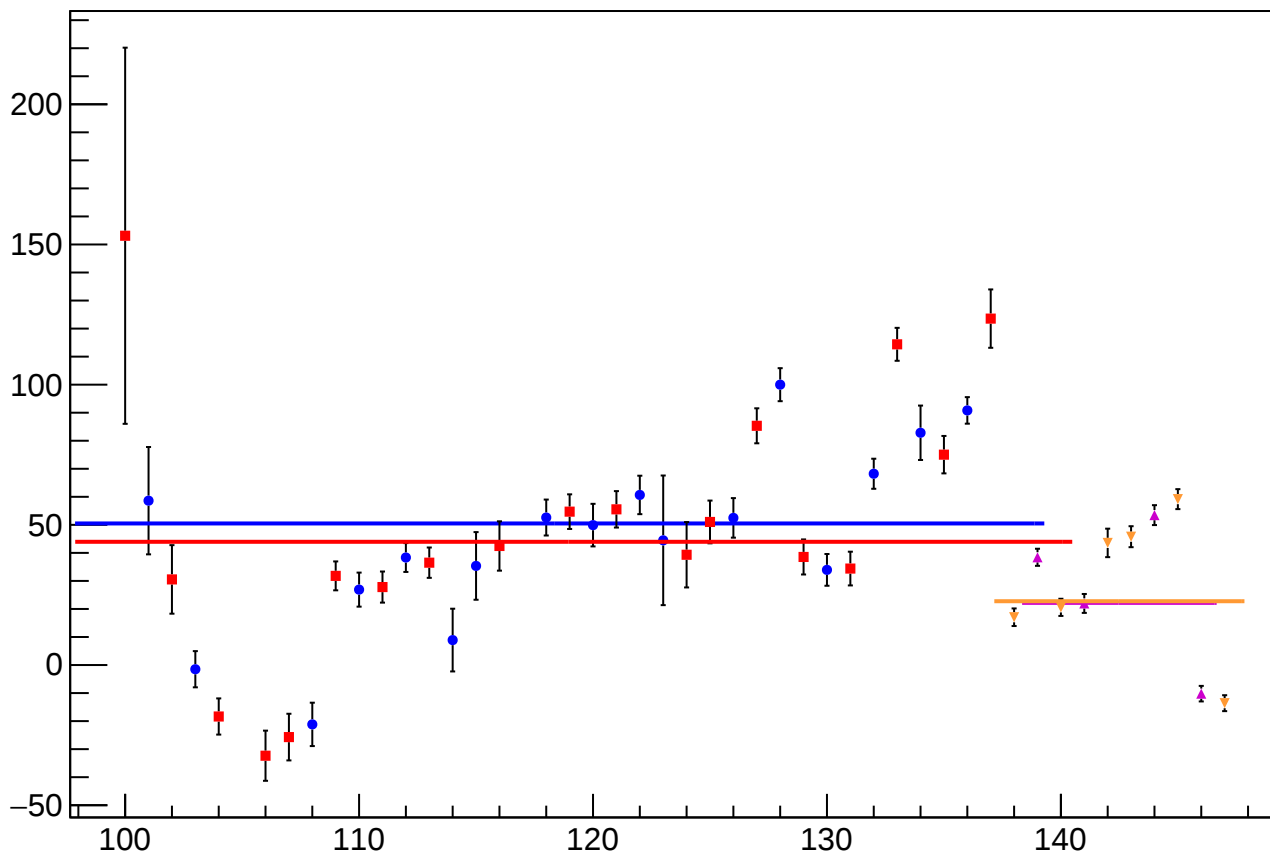
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 13.472 ± 0.713 χ^2/NDF : 298.6/20

Out: 15.576 ± 0.633 χ^2/NDF : 325.5/24

All: 14.648 ± 0.473 χ^2/NDF : 629.0/45

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: 22.759 $\pm$ 1.385 χ^2 /NDF:327.1/5

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 22.171 $\pm$ 1.572 χ^2 /NDF:242.6/3

Left: 22.502 $\pm$ 1.039 χ^2 /NDF: 569.8/9

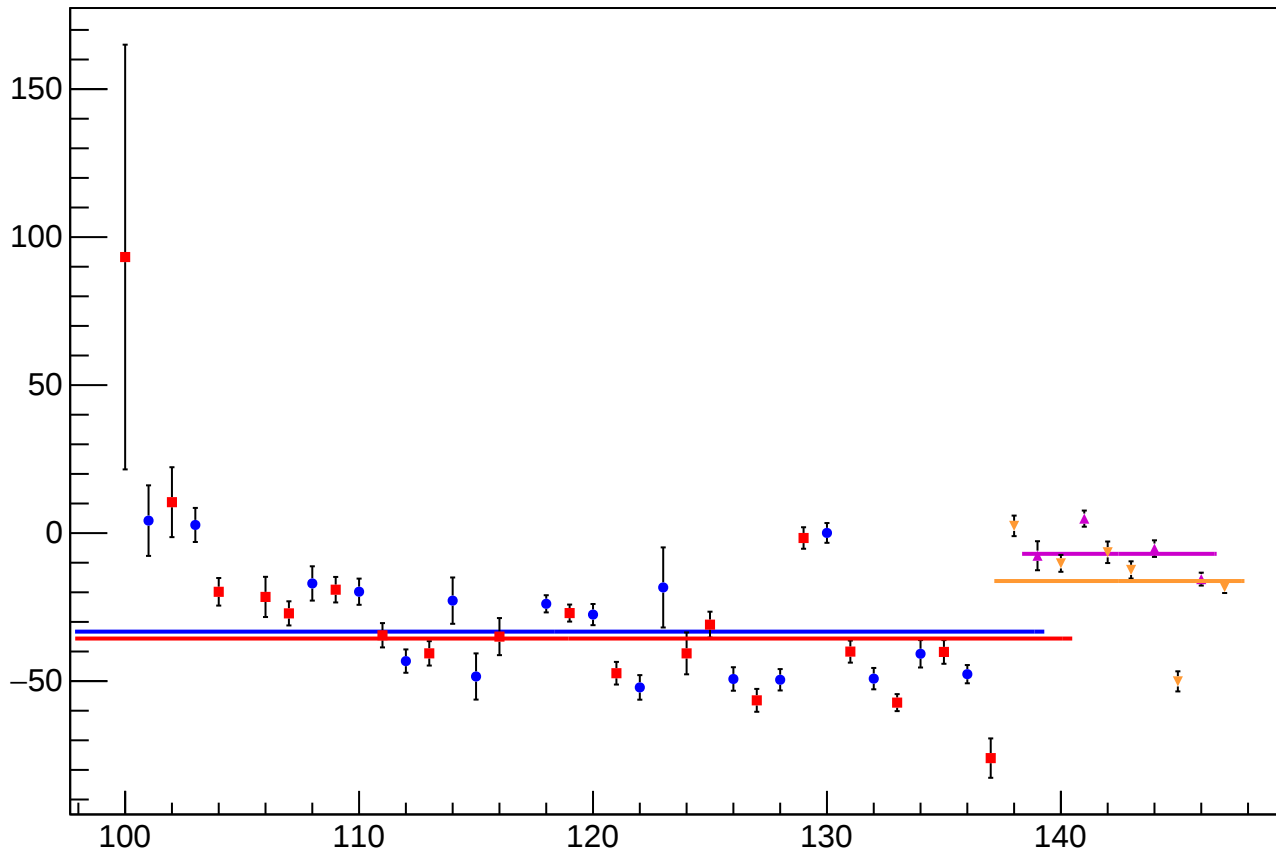
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 35.468 $\pm$ 1.145 χ^2 /NDF:758.3/20

Out: 31.817 $\pm$ 1.048 χ^2 /NDF:961.5/24

All: 33.481 $\pm$ 0.773 χ^2 /NDF: 1725.3/45

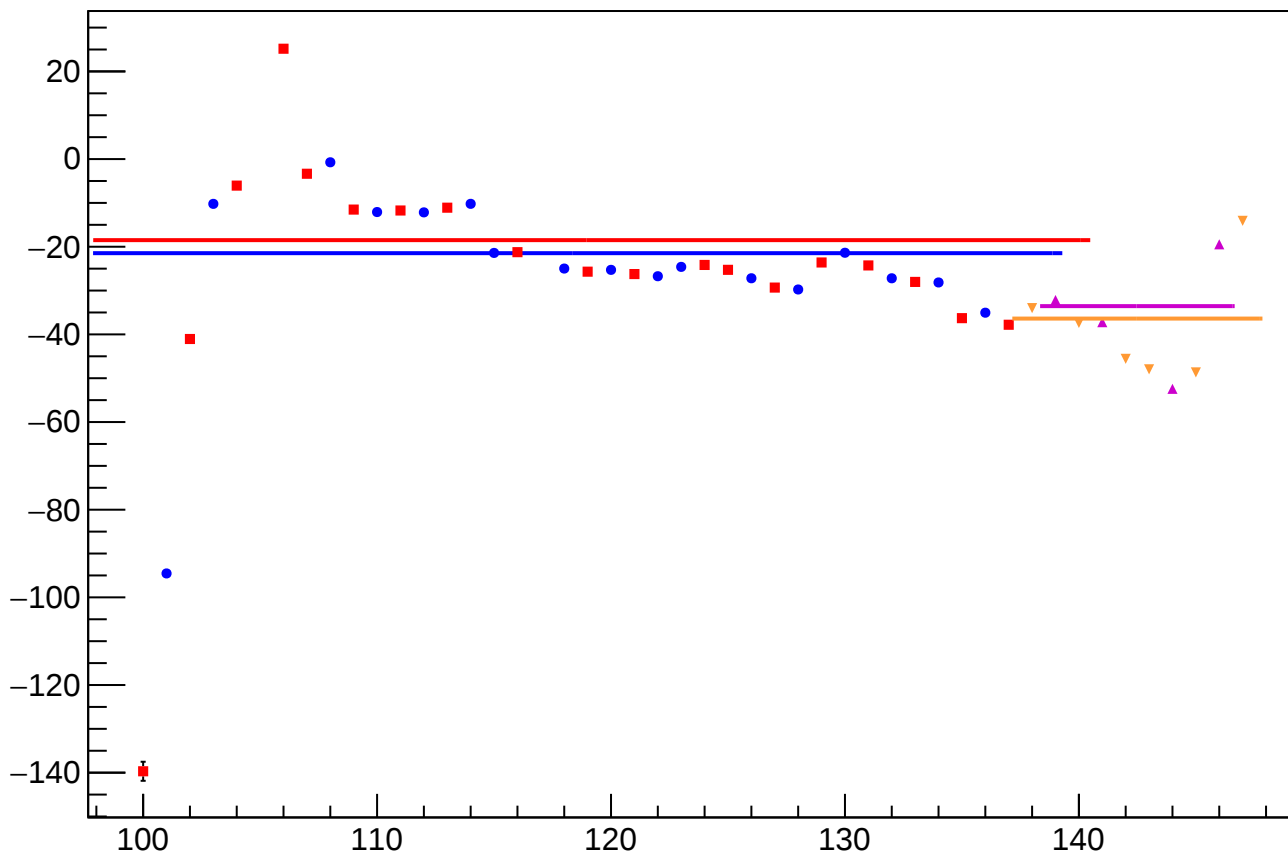
reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16
 Left Out: -16.187 ± 1.163 χ^2/NDF : 142.7/5
 Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18
 Left In: -7.002 ± 1.396 χ^2/NDF : 34.8/3

Left: -12.425 ± 0.893 χ^2/NDF : 203.0/9
 Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35
 In: -23.960 ± 0.831 χ^2/NDF : 556.4/20
 Out: -27.427 ± 0.755 χ^2/NDF : 592.0/24
 All: -25.860 ± 0.559 χ^2/NDF : 1158.0/45

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: -36.392 ± 0.058 $\chi^2/\text{NDF}: 43963.5/5$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -33.551 ± 0.064 $\chi^2/\text{NDF}: 27778.8/3$

Left: -35.117 ± 0.043 $\chi^2/\text{NDF}: 72823.2/9$

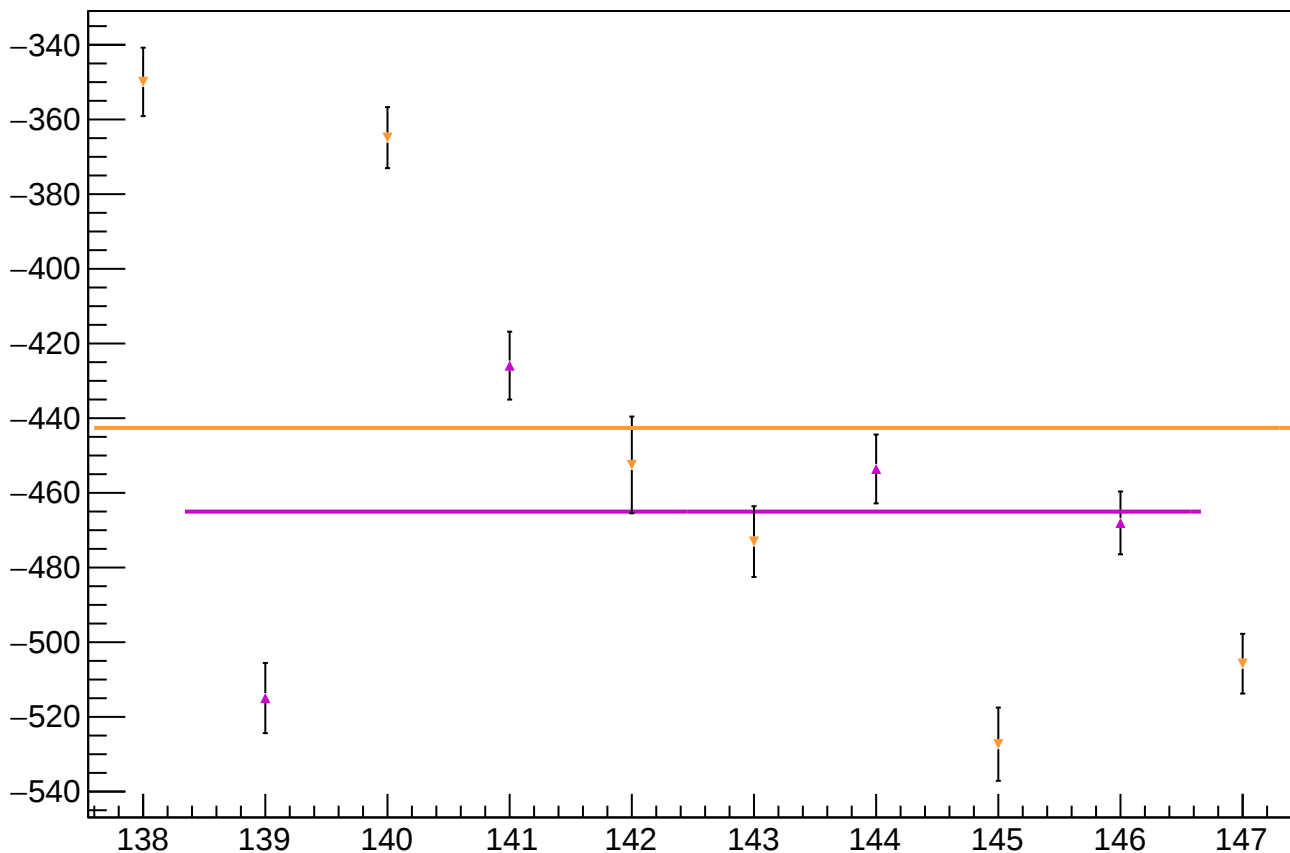
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -26.980 ± 0.043 $\chi^2/\text{NDF}: 96057.3/20$

Out: -27.362 ± 0.041 $\chi^2/\text{NDF}: 172890.6/24$

All: -27.183 ± 0.030 $\chi^2/\text{NDF}: 268989.2/45$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -442.611 $\pm$ 3.779 χ^2/NDF :340.6/5

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -465.018 $\pm$ 4.504 χ^2/NDF :48.3/3

Left: -451.870 $\pm$ 2.895 χ^2/NDF : 403.4/9

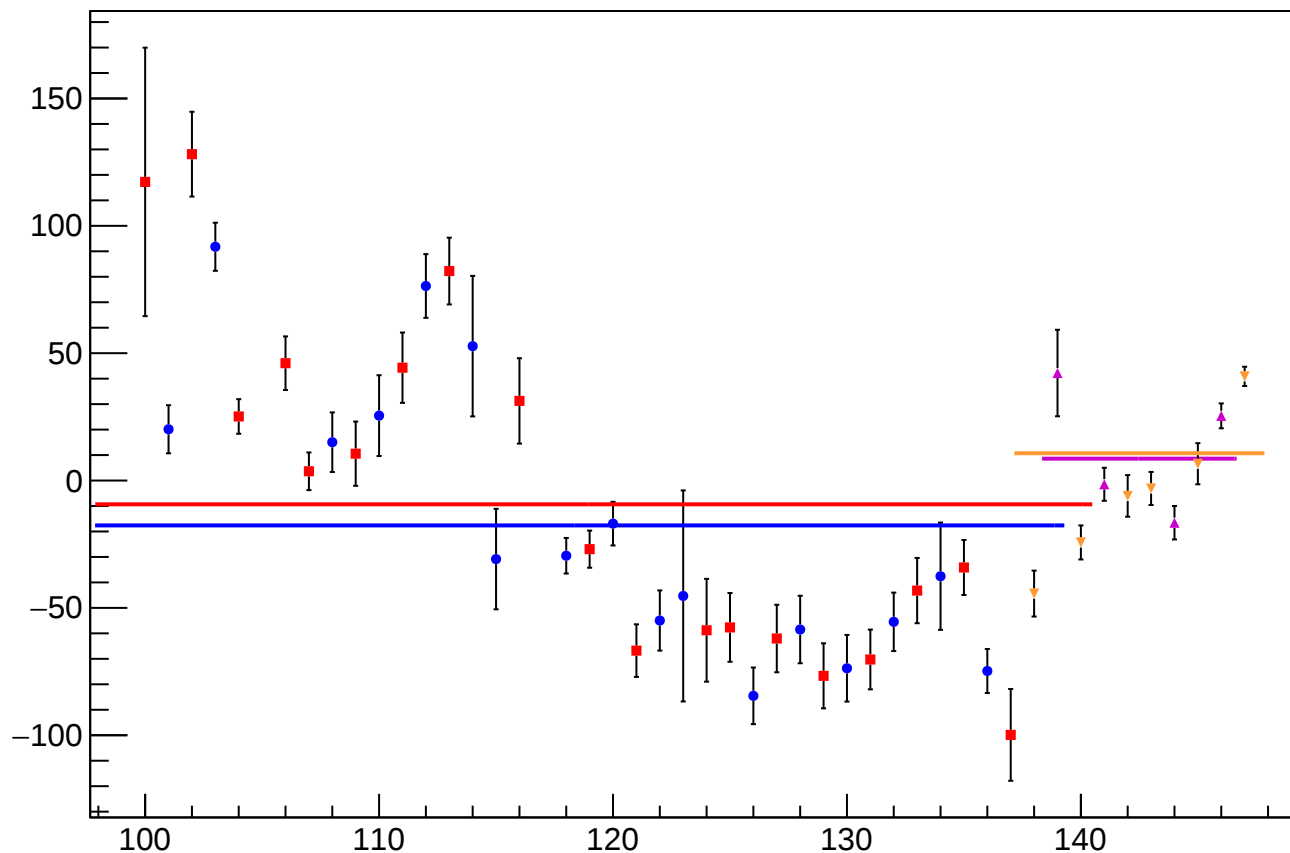
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -465.018 $\pm$ 4.504 χ^2/NDF :48.3/3

Out: -442.611 $\pm$ 3.779 χ^2/NDF :340.6/5

All: -451.870 $\pm$ 2.895 χ^2/NDF : 403.4/9

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: 10.714 ± 2.513 $\chi^2/\text{NDF}: 137.3/5$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 8.589 ± 3.288 $\chi^2/\text{NDF}: 32.9/3$

Left: 9.930 ± 1.997 $\chi^2/\text{NDF}: 170.4/9$

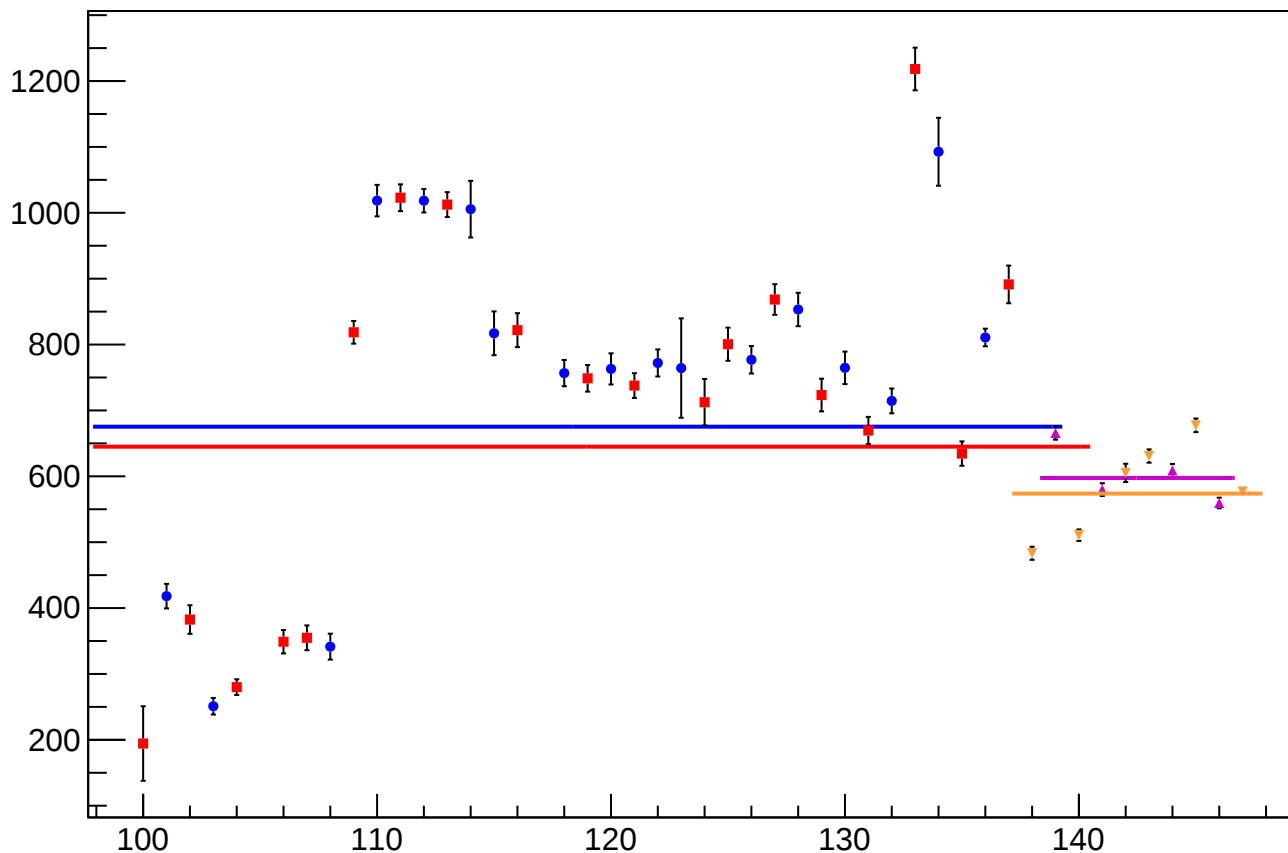
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -6.666 ± 2.126 $\chi^2/\text{NDF}: 431.9/20$

Out: 1.070 ± 1.810 $\chi^2/\text{NDF}: 534.4/24$

All: -2.182 ± 1.378 $\chi^2/\text{NDF}: 973.9/45$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 573.754 ± 3.904 χ^2/NDF : 273.3/5

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 597.484 ± 4.656 χ^2/NDF : 72.0/3

Left: 583.549 ± 2.992 χ^2/NDF : 360.6/9

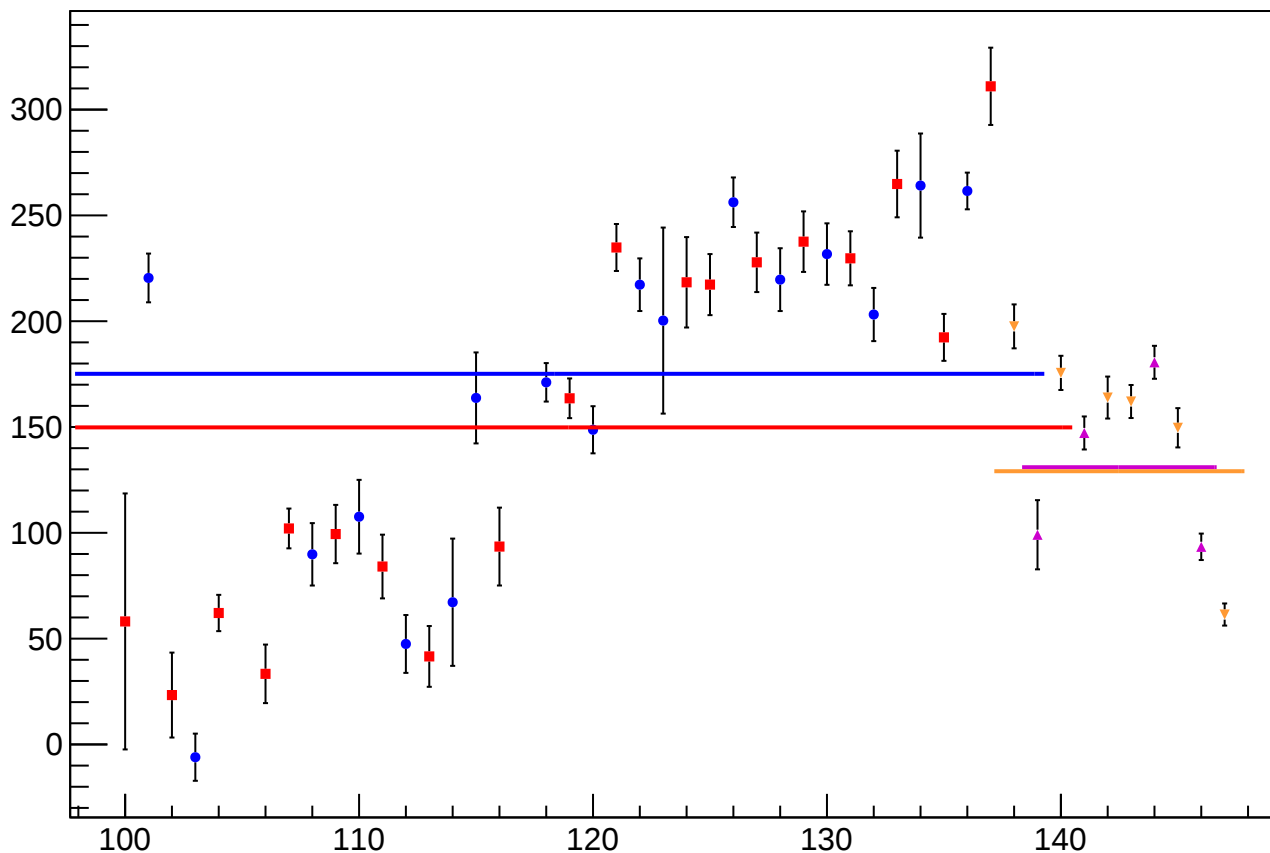
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 633.292 ± 3.422 χ^2/NDF : 2783.3/20

Out: 602.429 ± 3.018 χ^2/NDF : 3530.2/24

All: 615.932 ± 2.263 χ^2/NDF : 6359.3/45

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 129.111 $\pm$ 3.172 χ^2 /NDF:279.5/5

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 130.998 $\pm$ 4.008 χ^2 /NDF:84.9/3

Left: 129.838 $\pm$ 2.487 χ^2 /NDF: 364.5/9

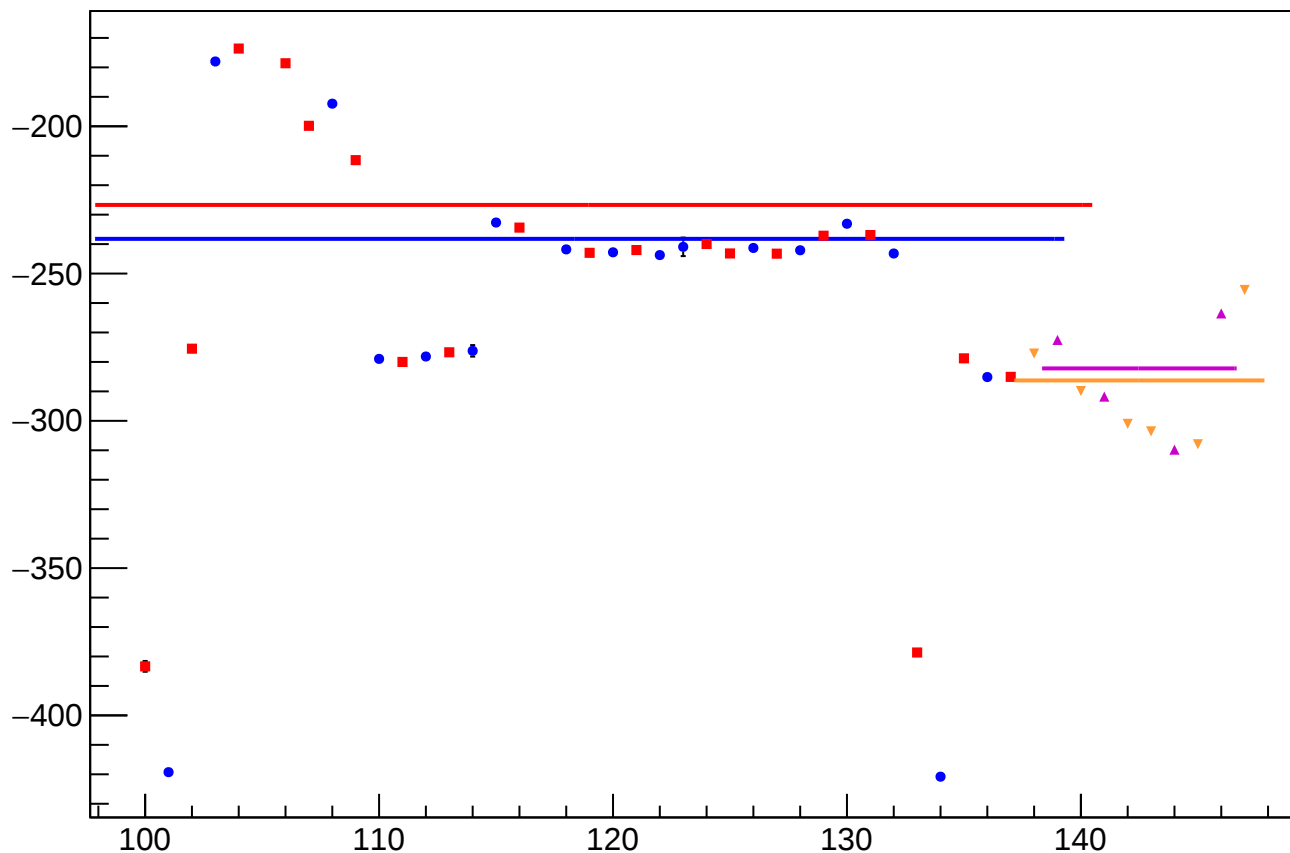
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 157.894 $\pm$ 2.505 χ^2 /NDF:794.4/20

Out: 139.900 $\pm$ 2.195 χ^2 /NDF:990.2/24

All: 147.717 $\pm$ 1.651 χ^2 /NDF: 1813.8/45

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -286.281+/-0.165 χ^2/NDF :13571.5/5

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -282.202+/-0.193 χ^2/NDF :7963.3/3

Left: -284.553+/-0.125 χ^2/NDF : 21793.1/9

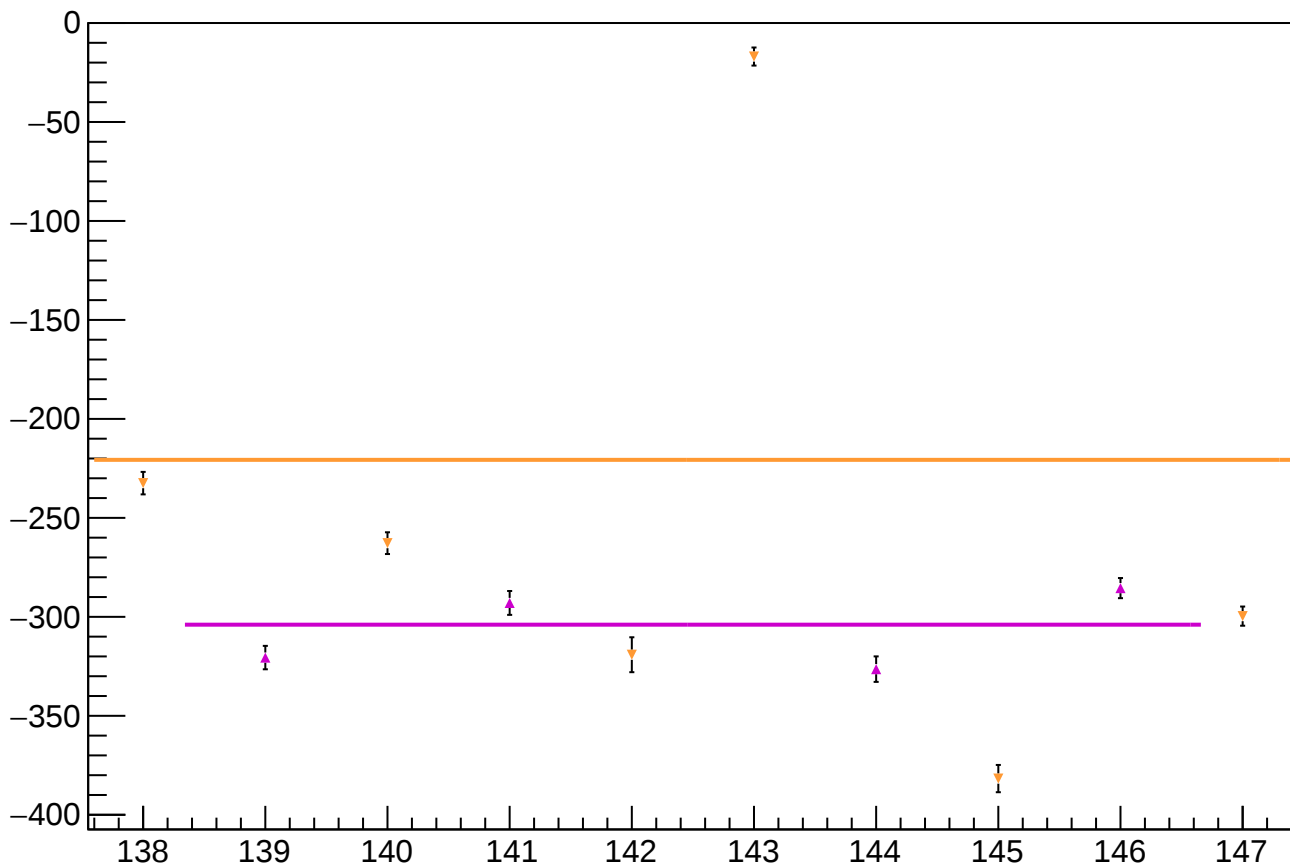
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.172+/-0.123 χ^2/NDF :205887.8/20

Out: -253.821+/-0.111 χ^2/NDF :187220.5/24

All: -254.880+/-0.083 χ^2/NDF : 393308.6/45

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: -220.686+/-2.302 χ^2/NDF :2993.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -303.961+/-2.901 χ^2/NDF :36.6/3

Left: -252.863+/-1.803 χ^2/NDF : 3535.8/9

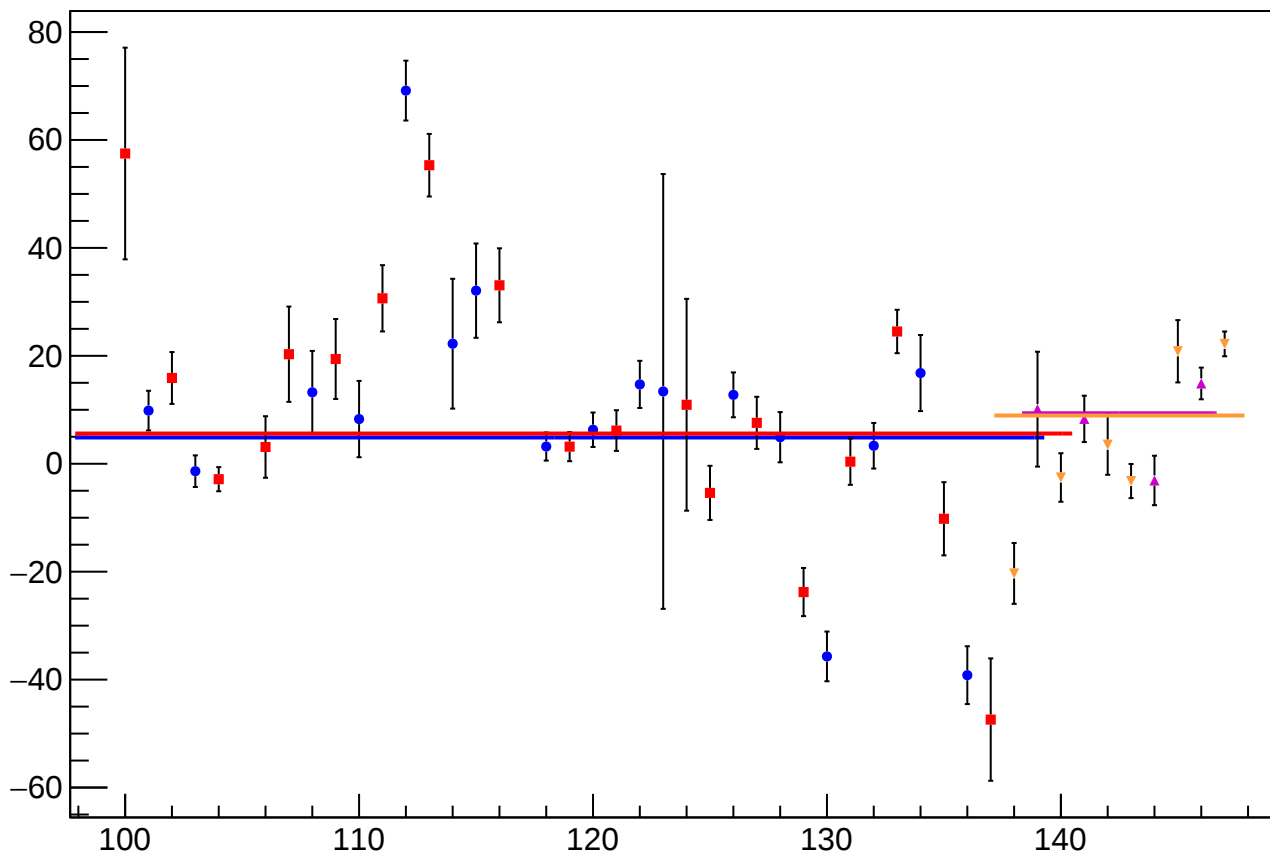
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -303.961+/-2.901 χ^2/NDF :36.6/3

Out: -220.686+/-2.302 χ^2/NDF :2993.6/5

All: -252.863+/-1.803 χ^2/NDF : 3535.8/9

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: 8.943 ± 1.520 χ^2/NDF : 86.8/5

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 9.350 ± 2.100 χ^2/NDF : 11.0/3

Left: 9.083 ± 1.231 χ^2/NDF : 97.8/9

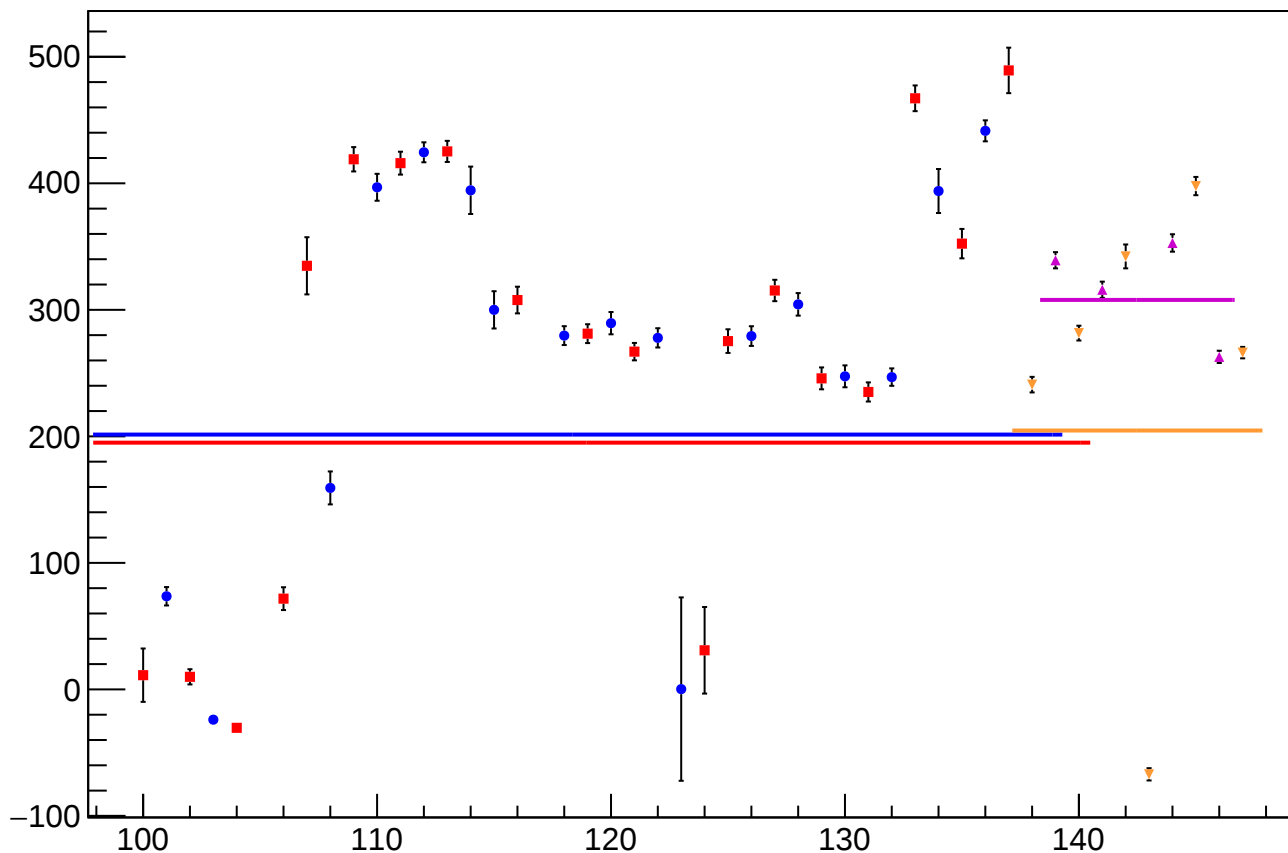
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 5.822 ± 0.968 χ^2/NDF : 326.1/20

Out: 6.710 ± 0.875 χ^2/NDF : 328.6/24

All: 6.311 ± 0.649 χ^2/NDF : 655.2/45

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: 204.622 $\pm$ 2.376 χ^2 /NDF:4438.7/5

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 307.840 $\pm$ 2.986 χ^2 /NDF:154.1/3

Left: 244.641 $\pm$ 1.859 χ^2 /NDF: 5324.3/9

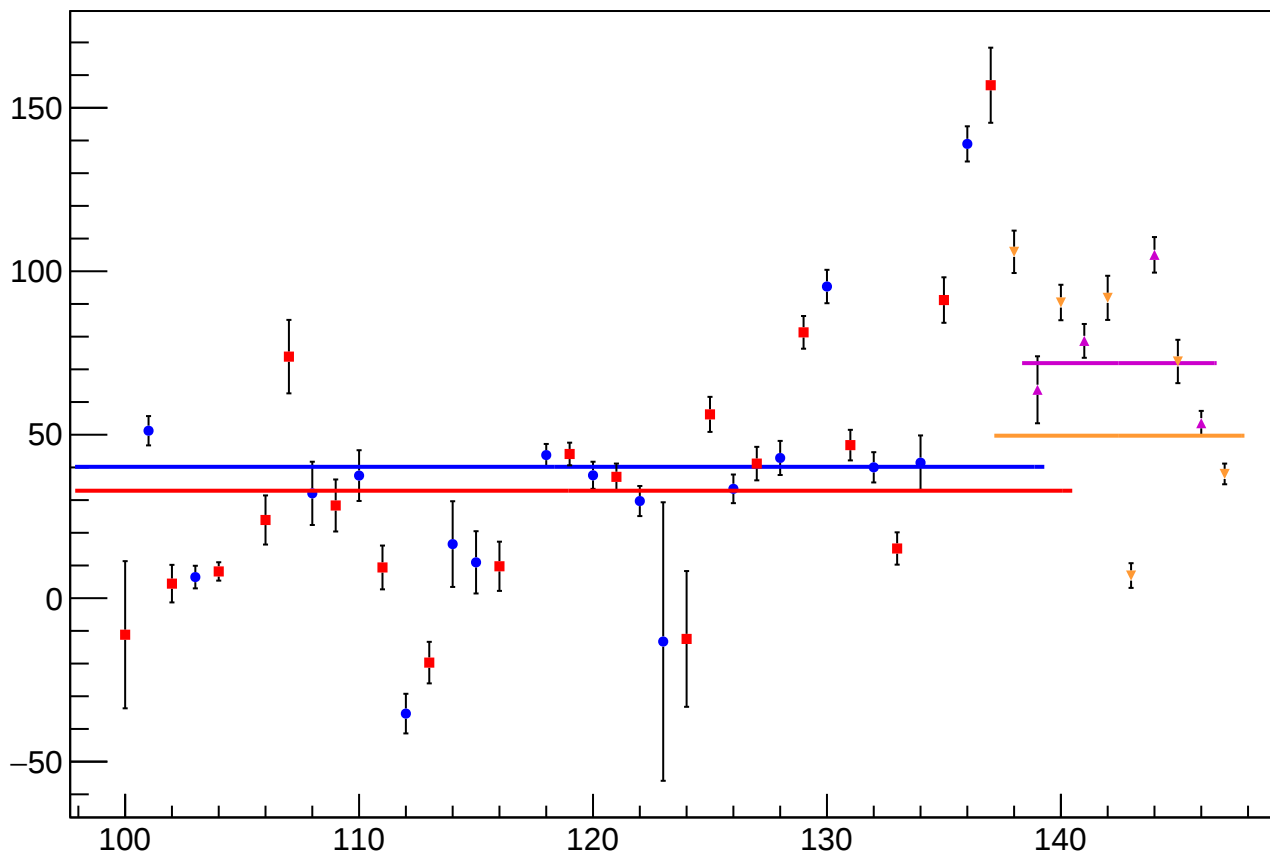
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 233.767 $\pm$ 1.646 χ^2 /NDF:7778.7/20

Out: 198.823 $\pm$ 1.495 χ^2 /NDF:12703.2/24

All: 214.612 $\pm$ 1.107 χ^2 /NDF: 20728.8/45

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 49.705+/-1.916 χ^2/NDF :324.2/5

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 71.901+/-2.571 χ^2/NDF :63.3/3

Left: 57.631+/-1.537 χ^2/NDF : 435.4/9

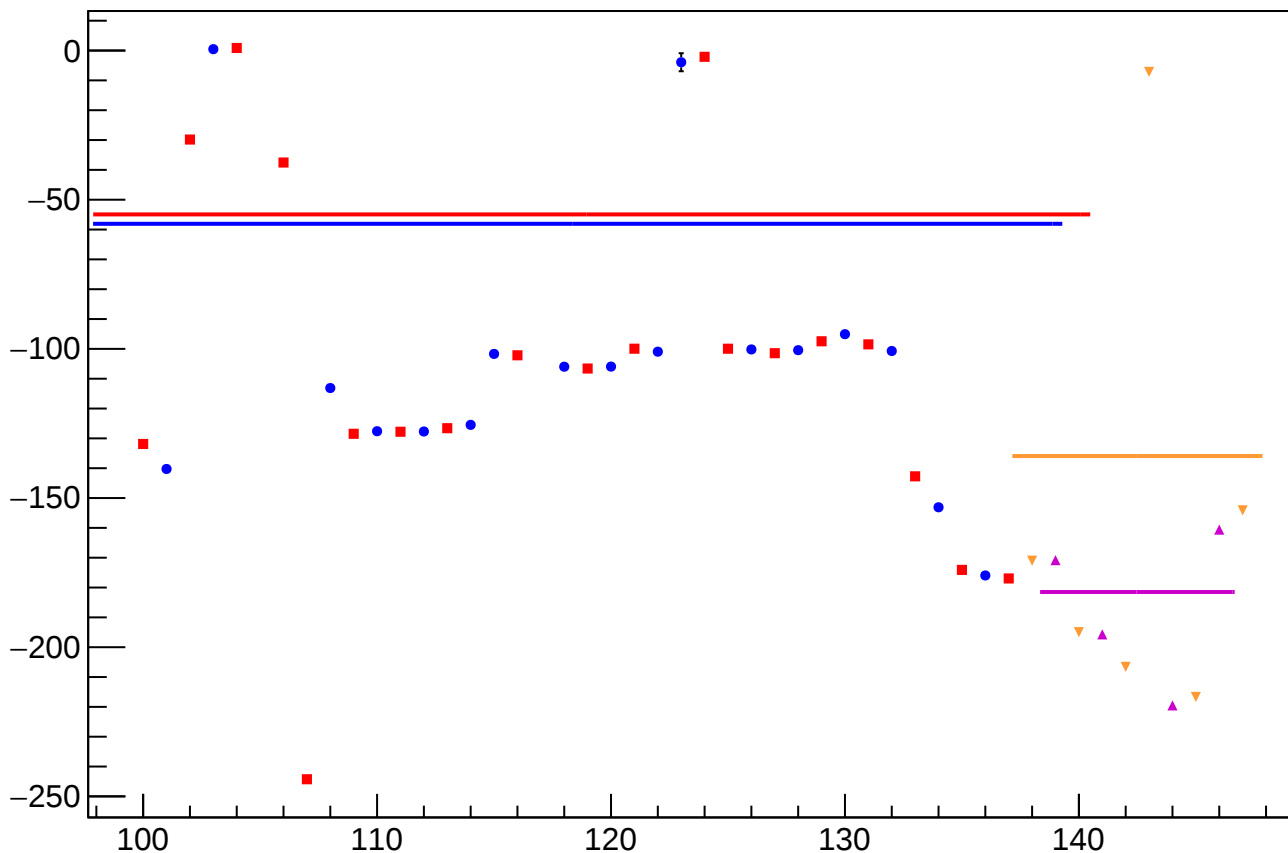
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 46.402+/-1.139 χ^2/NDF :919.6/20

Out: 37.901+/-1.047 χ^2/NDF :929.3/24

All: 41.798+/-0.771 χ^2/NDF : 1879.1/45

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -135.923 $\pm$ 0.100 χ^2 /NDF: 630569.1/5

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -181.496 $\pm$ 0.124 χ^2 /NDF: 29831.3/3

Left: -154.001 $\pm$ 0.078 χ^2 /NDF: 742413.1/9

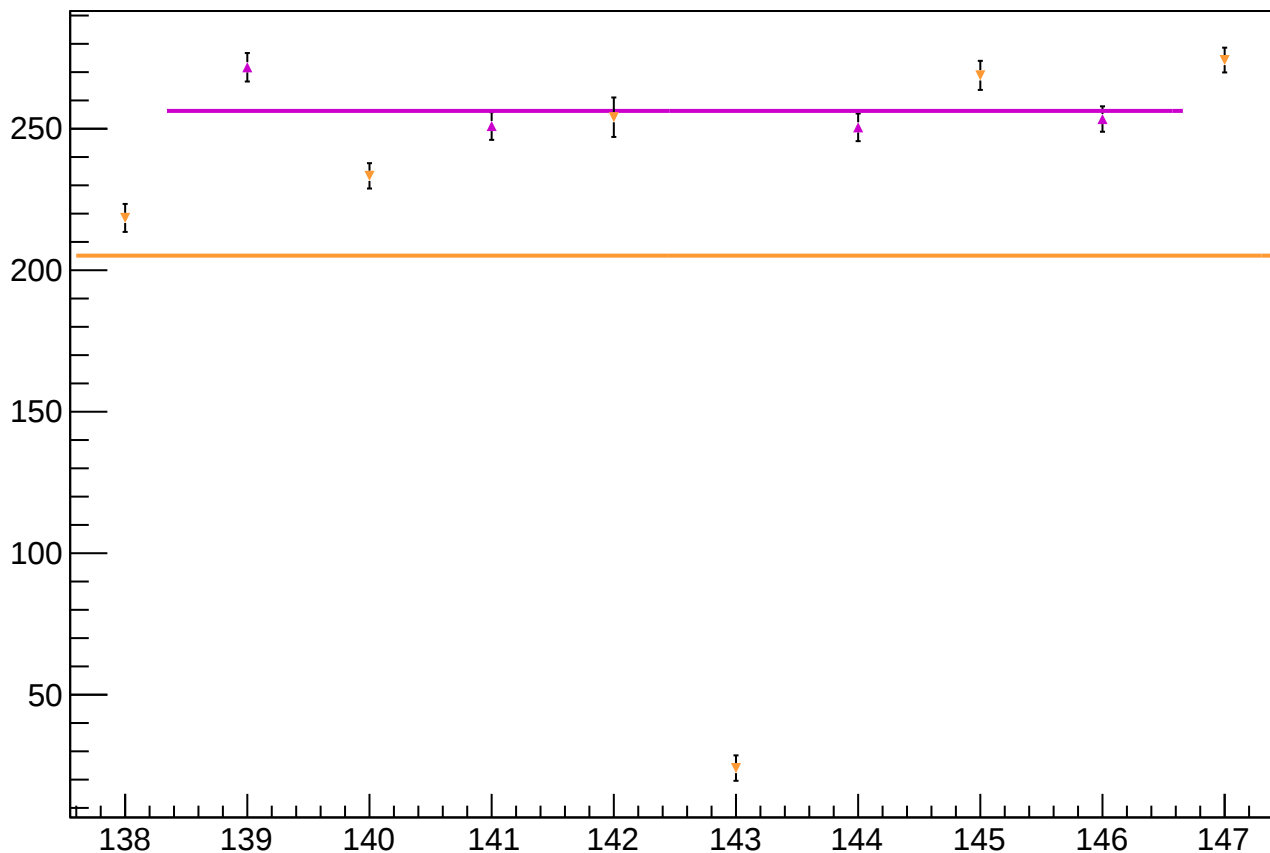
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -82.644 $\pm$ 0.055 χ^2 /NDF: 1932796.1/20

Out: -76.403 $\pm$ 0.052 χ^2 /NDF: 2114383.4/24

All: -79.317 $\pm$ 0.038 χ^2 /NDF: 4054007.2/45

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: 205.159+/-1.996 χ^2/NDF :2124.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.299+/-2.407 χ^2/NDF :12.4/3

Left: 226.002+/-1.536 χ^2/NDF : 2404.4/9

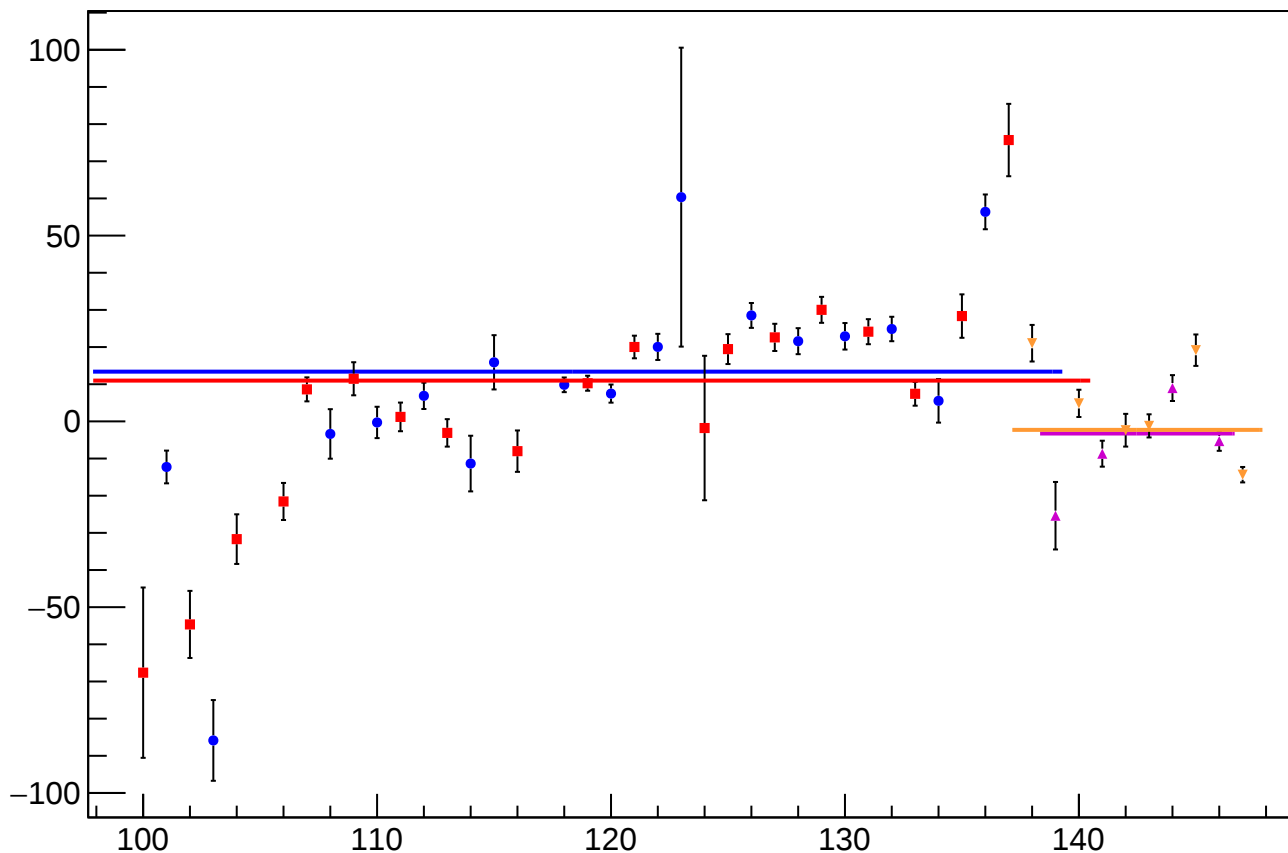
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.299+/-2.407 χ^2/NDF :12.4/3

Out: 205.159+/-1.996 χ^2/NDF :2124.5/5

All: 226.002+/-1.536 χ^2/NDF : 2404.4/9

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: -2.285 $\pm$ 1.339 χ^2 /NDF:85.8/5

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: -3.265 $\pm$ 1.762 χ^2 /NDF:21.3/3

Left: -2.643 $\pm$ 1.066 χ^2 /NDF: 107.3/9

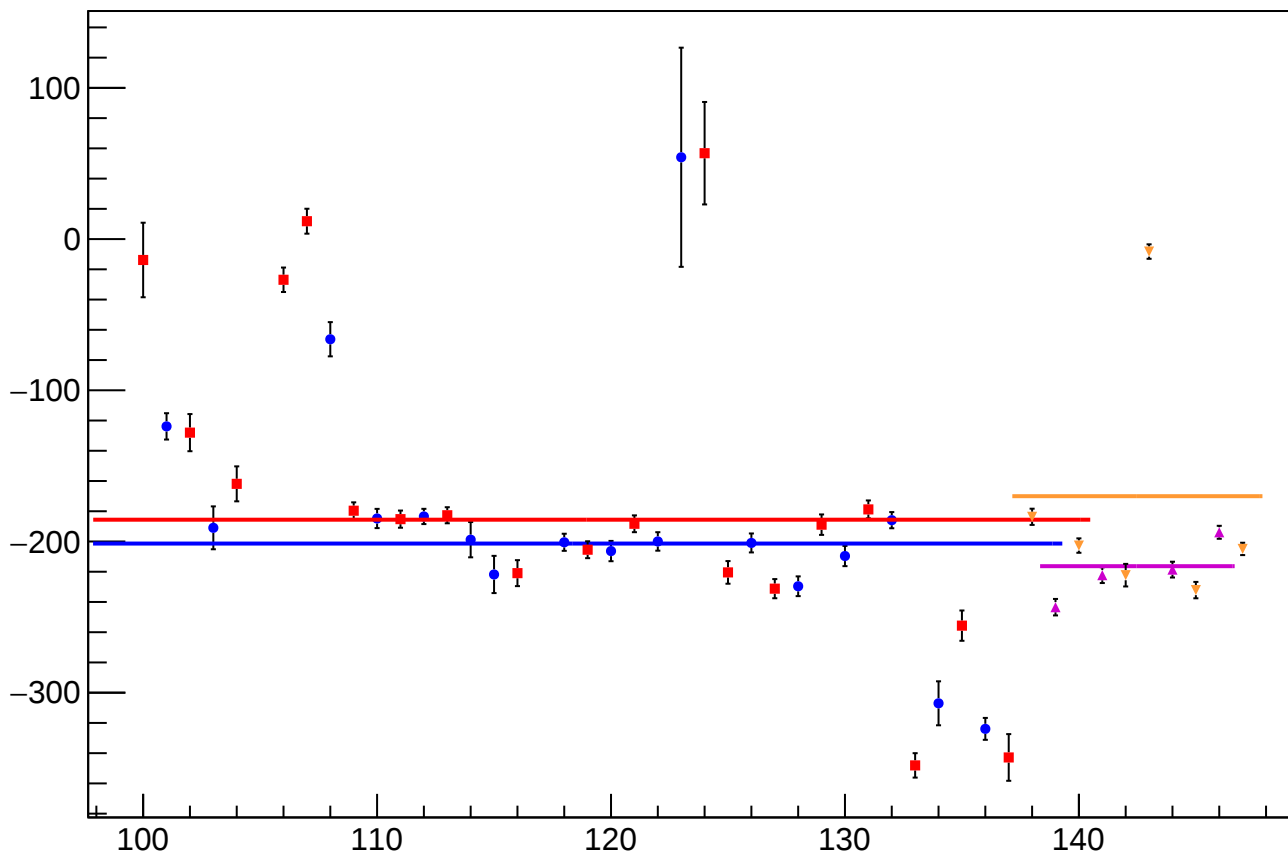
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 9.813 $\pm$ 0.816 χ^2 /NDF:385.5/20

Out: 6.755 $\pm$ 0.755 χ^2 /NDF:456.7/24

All: 8.165 $\pm$ 0.554 χ^2 /NDF: 849.7/45

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -170.042 ± 2.067 χ^2/NDF : 1446.7/5

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -216.332 ± 2.489 χ^2/NDF : 53.5/3

Left: -188.933 ± 1.590 χ^2/NDF : 1704.9/9

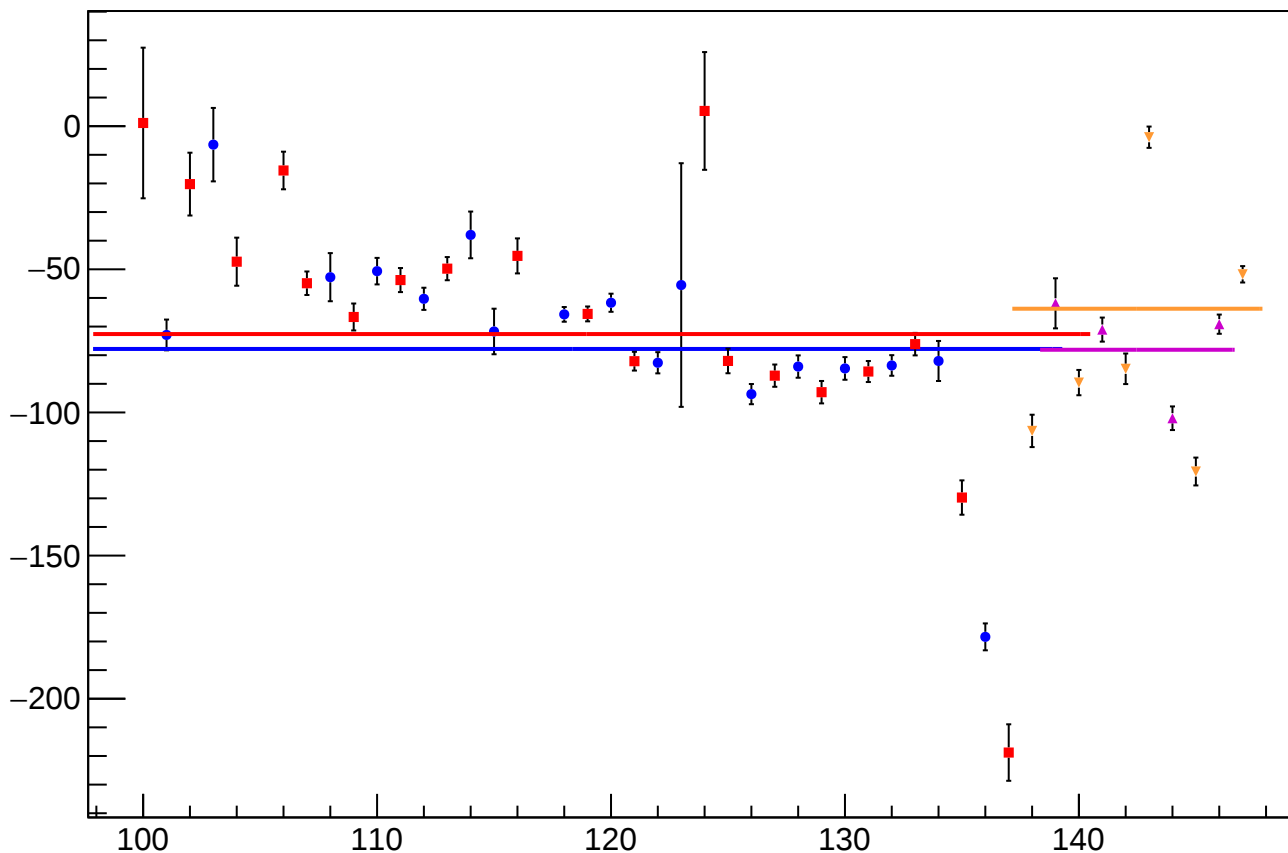
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -206.445 ± 1.450 χ^2/NDF : 702.4/20

Out: -179.318 ± 1.313 χ^2/NDF : 3228.7/24

All: -191.537 ± 0.973 χ^2/NDF : 4123.4/45

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: -63.766 ± 1.680 $\chi^2/\text{NDF}: 520.3/5$

Right Out: -72.616 ± 1.053 $\chi^2/\text{NDF}: 606.8/18$

Left In: -78.100 ± 2.146 $\chi^2/\text{NDF}: 46.9/3$

Left: -69.215 ± 1.323 $\chi^2/\text{NDF}: 594.9/9$

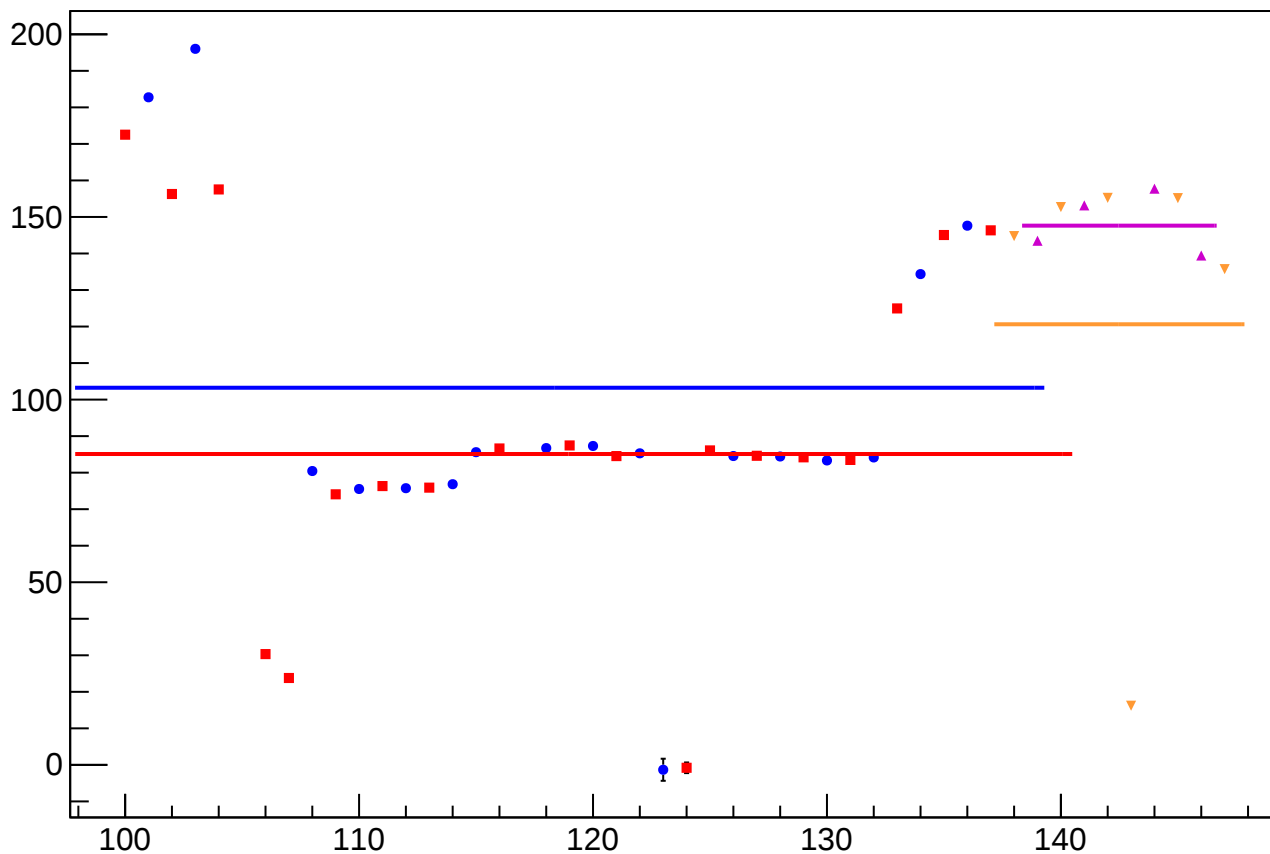
Right: -75.179 ± 0.750 $\chi^2/\text{NDF}: 1275.2/35$

In: -77.874 ± 0.956 $\chi^2/\text{NDF}: 703.3/20$

Out: -70.121 ± 0.892 $\chi^2/\text{NDF}: 1147.1/24$

All: -73.730 ± 0.652 $\chi^2/\text{NDF}: 1885.5/45$

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: 120.622 $\pm$ 0.087 χ^2 /NDF: 377272.2/5

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 147.622 $\pm$ 0.103 χ^2 /NDF: 4819.9/3

Left: 131.845 $\pm$ 0.066 χ^2 /NDF: 422189.1/9

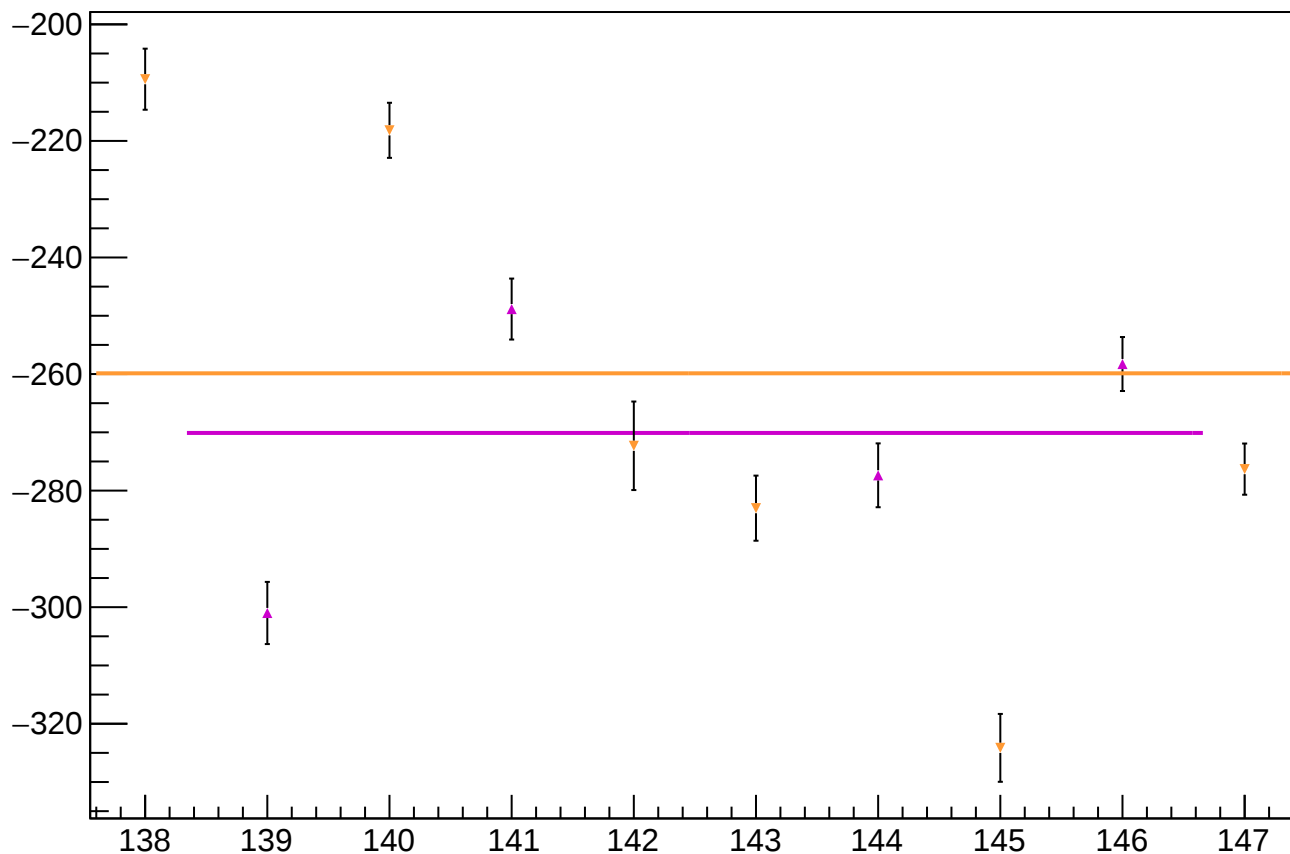
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 117.380 $\pm$ 0.058 χ^2 /NDF: 404531.5/20

Out: 97.515 $\pm$ 0.051 χ^2 /NDF: 909394.3/24

All: 106.223 $\pm$ 0.039 χ^2 /NDF: 1379429.3/45

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.874+/-2.172 χ^2/NDF :326.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.105+/-2.568 χ^2/NDF :58.3/3

Left: -264.141+/-1.658 χ^2/NDF : 393.9/9

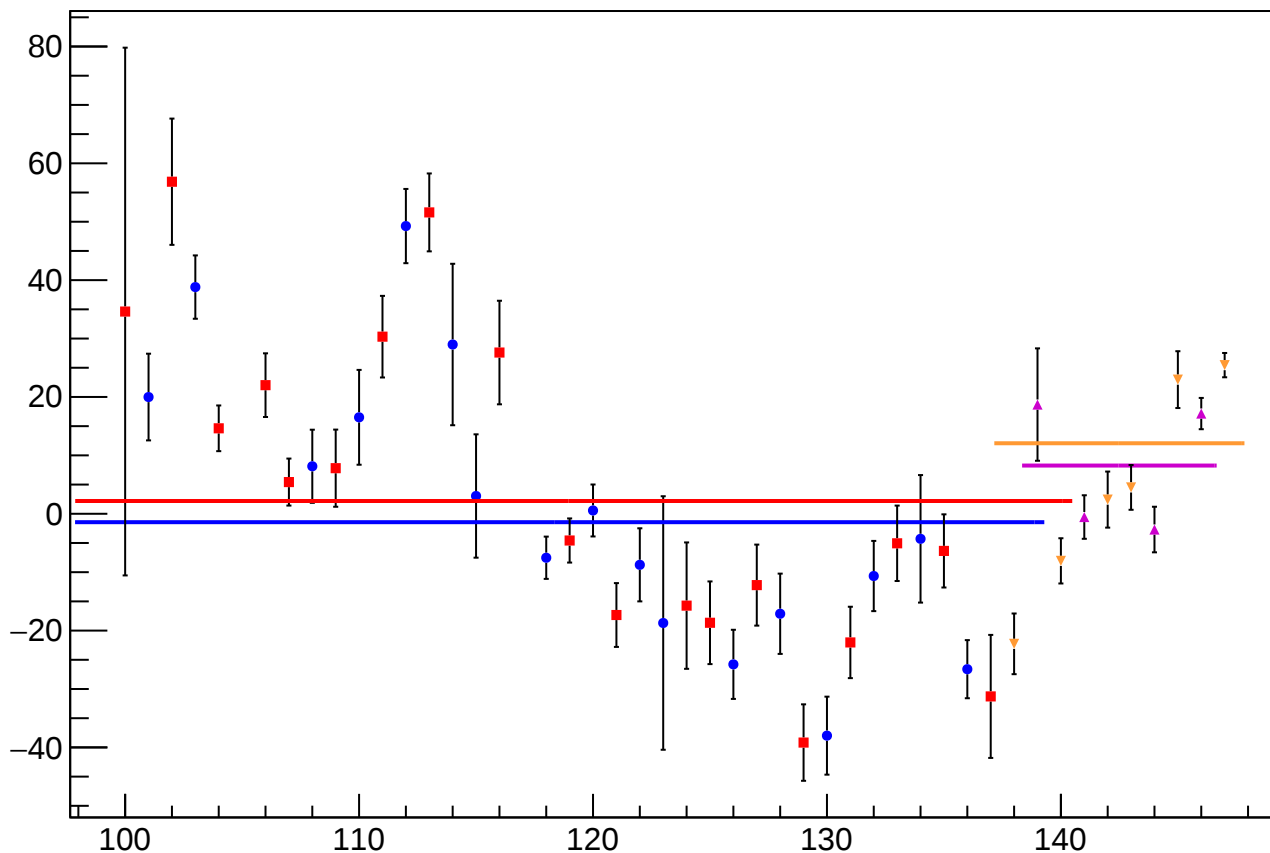
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.105+/-2.568 χ^2/NDF :58.3/3

Out: -259.874+/-2.172 χ^2/NDF :326.3/5

All: -264.141+/-1.658 χ^2/NDF : 393.9/9

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: 12.073 $\pm$ 1.431 χ^2 /NDF:125.0/5

Right Out: 2.188 $\pm$ 1.400 χ^2 /NDF: 230.7/18

Left In: 8.257 $\pm$ 1.864 χ^2 /NDF:25.7/3

Left: 10.658 $\pm$ 1.135 χ^2 /NDF: 153.3/9

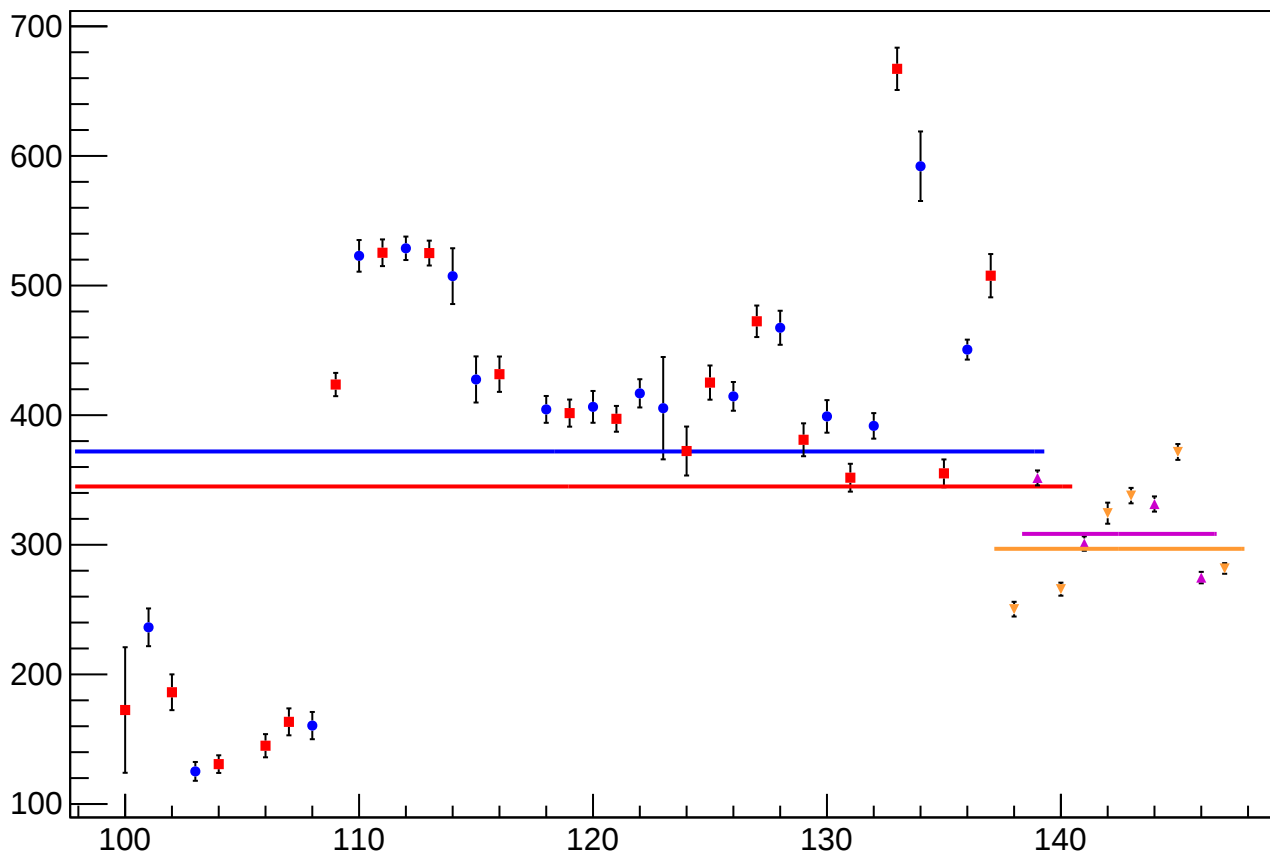
Right: 0.518 $\pm$ 1.029 χ^2 /NDF: 458.2/35

In: 2.421 $\pm$ 1.176 χ^2 /NDF:266.4/20

Out: 7.024 $\pm$ 1.001 χ^2 /NDF:380.1/24

All: 5.091 $\pm$ 0.762 χ^2 /NDF: 655.4/45

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: 296.898 $\pm$ 2.236 χ^2 /NDF:327.7/5

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 308.409 $\pm$ 2.648 χ^2 /NDF:131.3/3

Left: 301.688 $\pm$ 1.708 χ^2 /NDF: 470.1/9

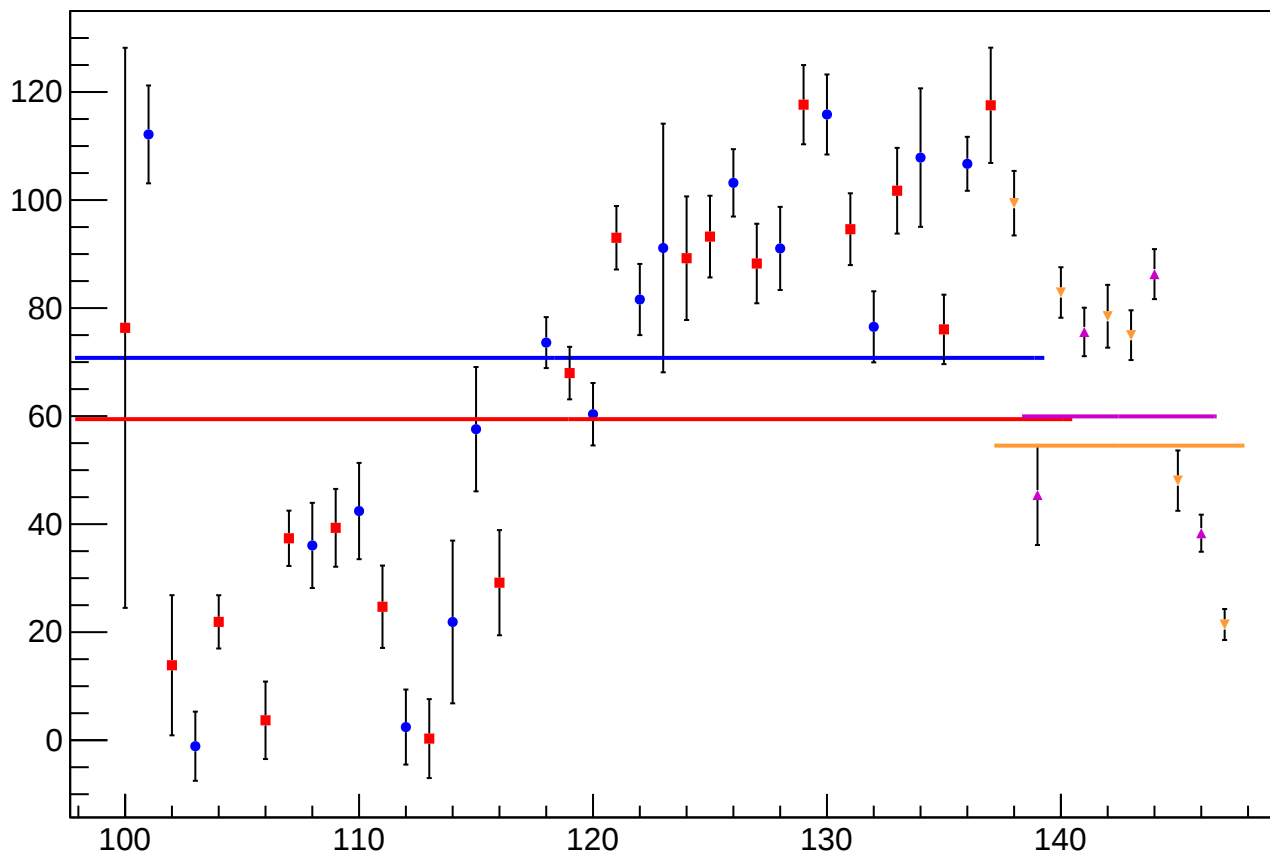
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 338.838 $\pm$ 1.912 χ^2 /NDF:2838.4/20

Out: 317.698 $\pm$ 1.684 χ^2 /NDF:3942.2/24

All: 326.931 $\pm$ 1.264 χ^2 /NDF: 6849.4/45

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: 54.535 $\pm$ 1.814 χ^2 /NDF:264.5/5

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 59.946 $\pm$ 2.277 χ^2 /NDF:86.7/3

Left: 56.635 $\pm$ 1.419 χ^2 /NDF: 354.6/9

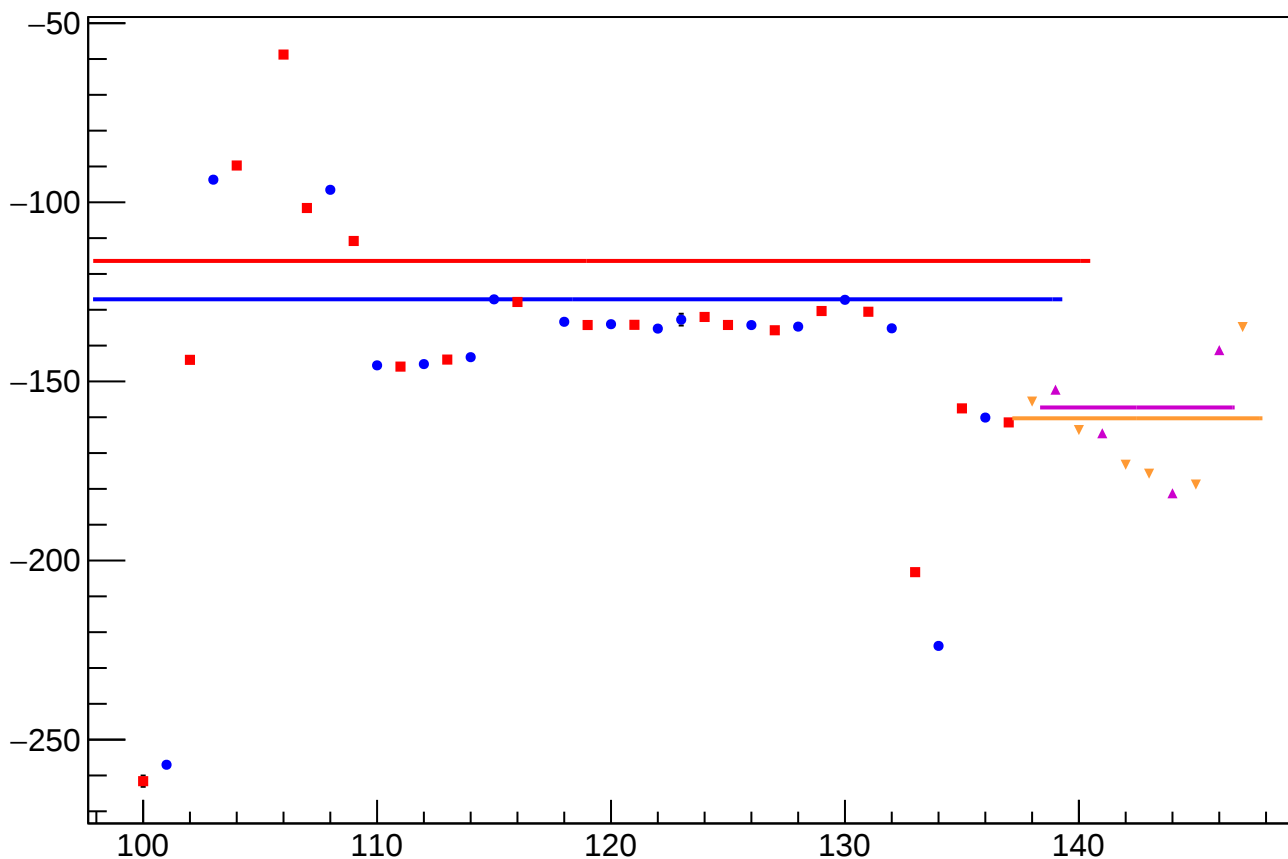
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 66.767 $\pm$ 1.386 χ^2 /NDF:524.9/20

Out: 57.245 $\pm$ 1.213 χ^2 /NDF:755.2/24

All: 61.375 $\pm$ 0.913 χ^2 /NDF: 1306.8/45

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: -160.295+/-0.095 χ^2/NDF : 29633.5/5

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -157.273+/-0.110 χ^2/NDF : 16524.3/3

Left: -159.001+/-0.072 χ^2/NDF : 46592.0/9

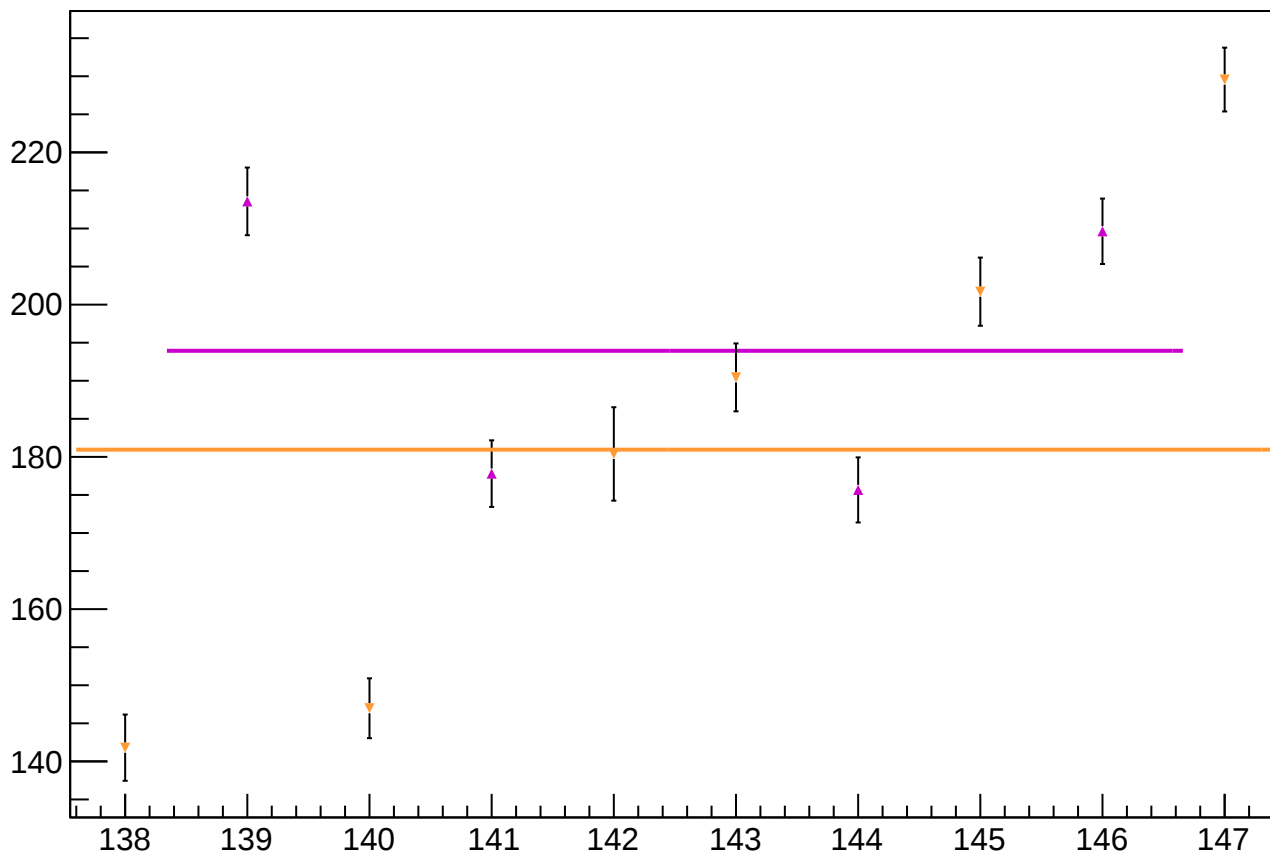
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -139.151+/-0.069 χ^2/NDF : 229044.6/20

Out: -135.371+/-0.062 χ^2/NDF : 318677.3/24

All: -137.063+/-0.046 χ^2/NDF : 549362.6/45

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: 180.950+/-1.822 χ^2/NDF :316.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.937+/-2.173 χ^2/NDF :64.7/3

Left: 186.312+/-1.396 χ^2/NDF : 402.0/9

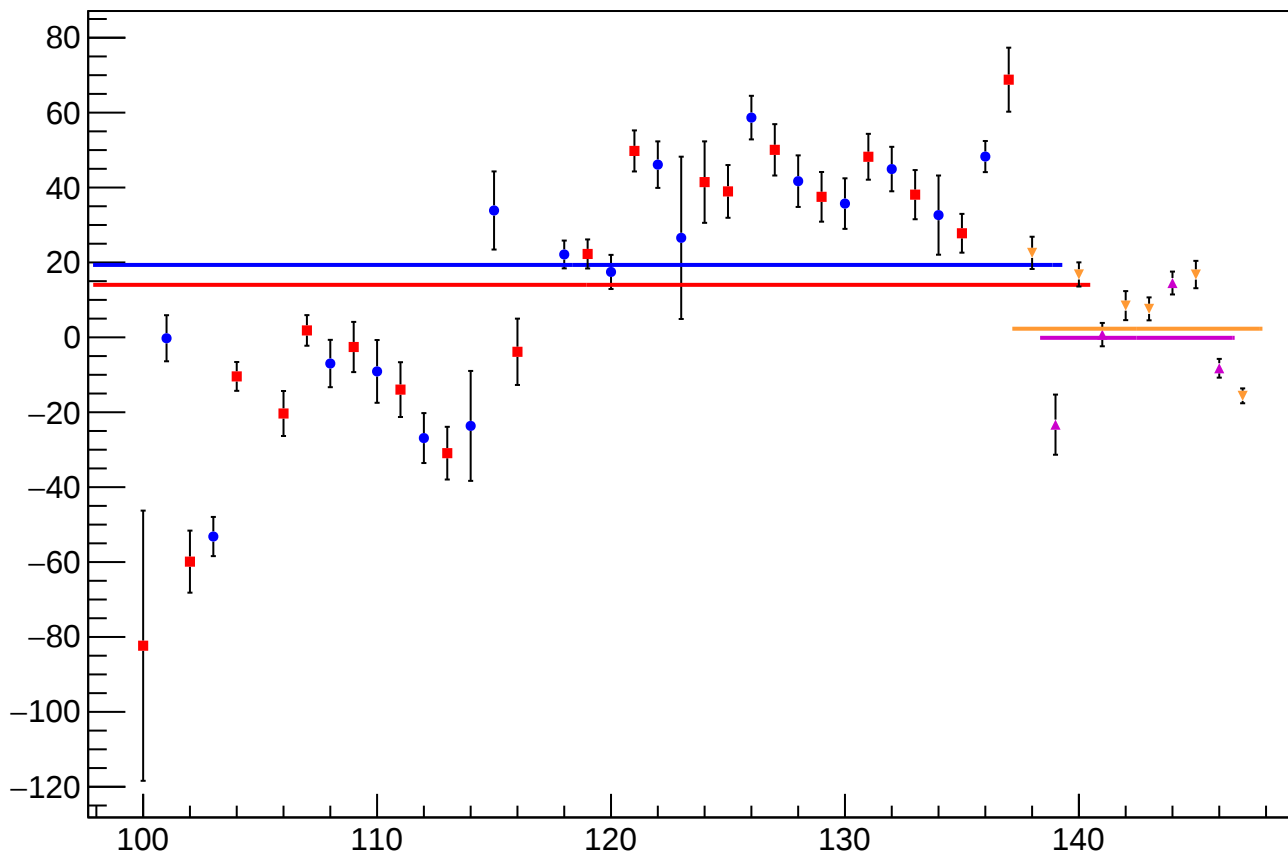
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.937+/-2.173 χ^2/NDF :64.7/3

Out: 180.950+/-1.822 χ^2/NDF :316.2/5

All: 186.312+/-1.396 χ^2/NDF : 402.0/9

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: 2.306 ± 1.238 $\chi^2/\text{NDF}: 145.0/5$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -0.128 ± 1.612 $\chi^2/\text{NDF}: 41.9/3$

Left: 1.402 ± 0.982 $\chi^2/\text{NDF}: 188.4/9$

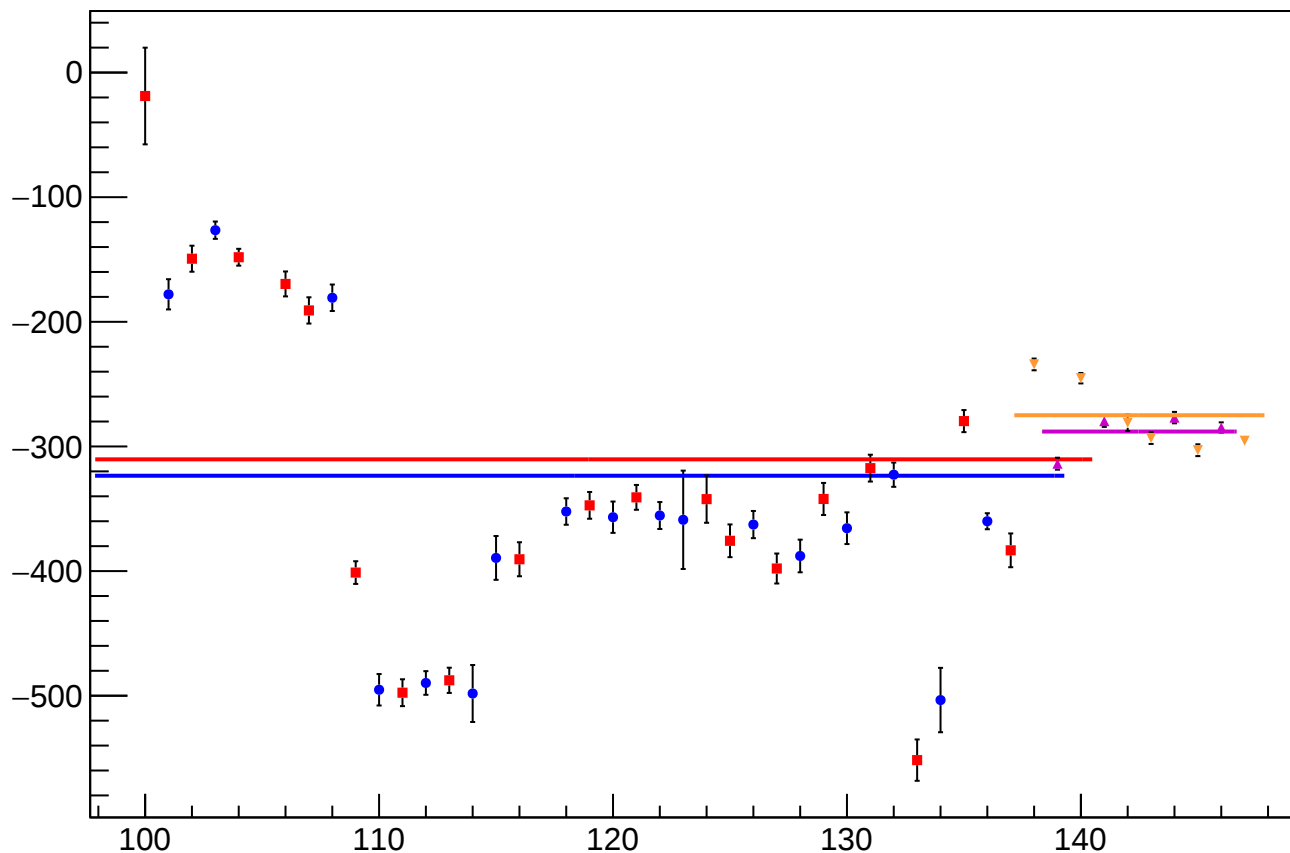
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 10.416 ± 1.091 $\chi^2/\text{NDF}: 560.8/20$

Out: 7.488 ± 0.925 $\chi^2/\text{NDF}: 617.8/24$

All: 8.712 ± 0.705 $\chi^2/\text{NDF}: 1182.8/45$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -274.953 ± 1.893 χ^2/NDF : 203.0/5

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -288.041 ± 2.255 χ^2/NDF : 38.6/3

Left: -280.361 ± 1.450 χ^2/NDF : 261.4/9

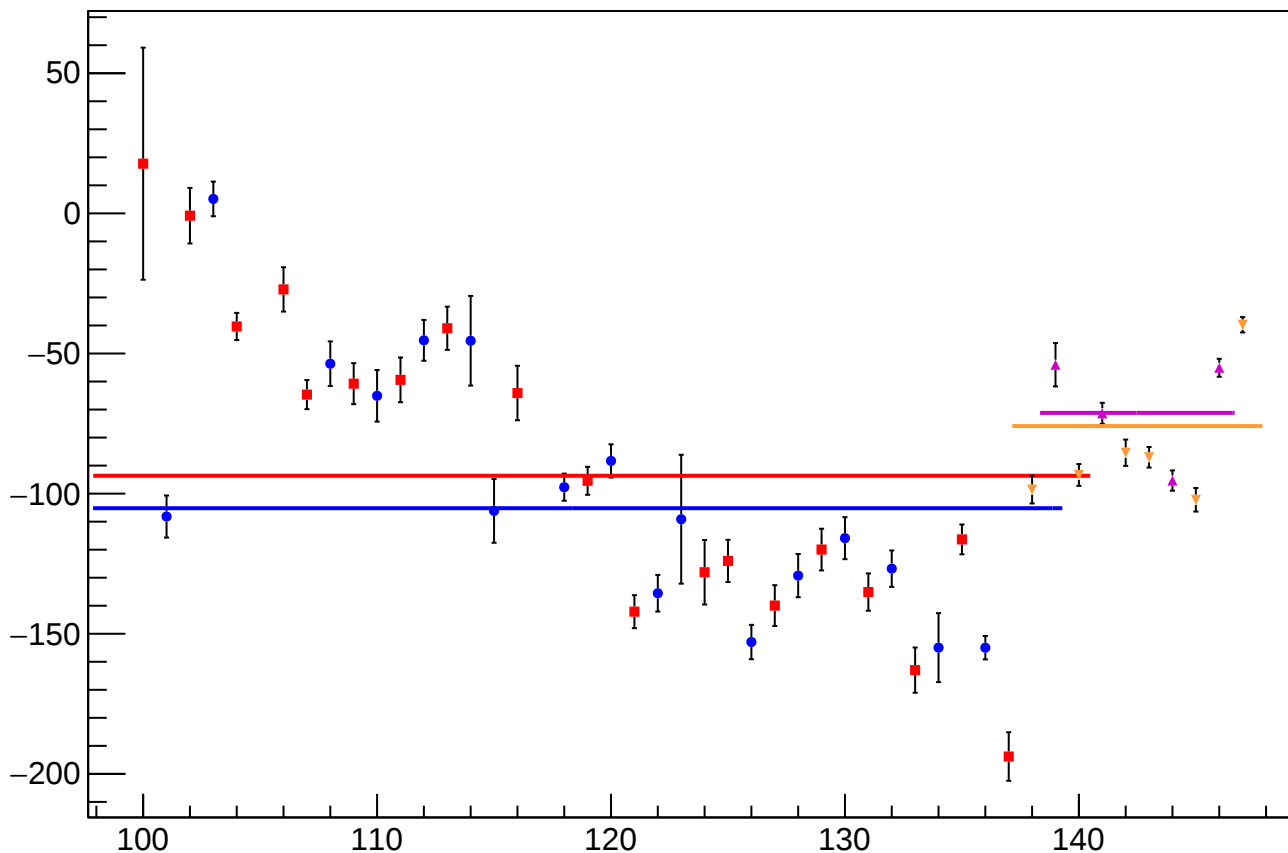
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -302.787 ± 1.724 χ^2/NDF : 1989.0/20

Out: -287.704 ± 1.514 χ^2/NDF : 2629.5/24

All: -294.272 ± 1.137 χ^2/NDF : 4661.7/45

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: -75.890 ± 1.550 χ^2/NDF : 267.8/5

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -71.180 ± 1.955 χ^2/NDF : 74.7/3

Left: -74.072 ± 1.215 χ^2/NDF : 346.1/9

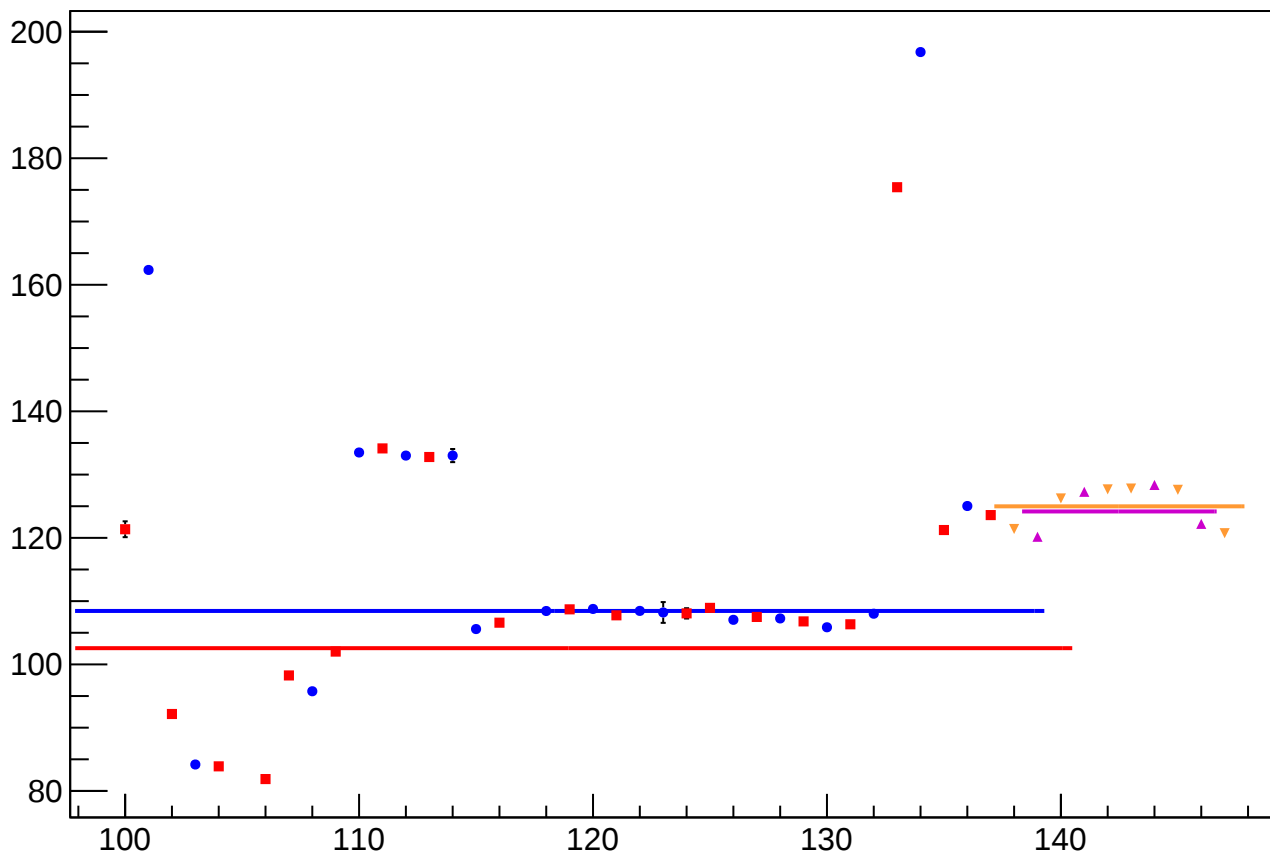
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -90.589 ± 1.282 χ^2/NDF : 983.1/20

Out: -84.422 ± 1.117 χ^2/NDF : 1153.4/24

All: -87.084 ± 0.842 χ^2/NDF : 2149.6/45

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: 124.984 $\pm$ 0.080 χ^2 /NDF: 1456.7/5

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 124.174 $\pm$ 0.093 χ^2 /NDF: 1373.4/3

Left: 124.641 $\pm$ 0.060 χ^2 /NDF: 2873.9/9

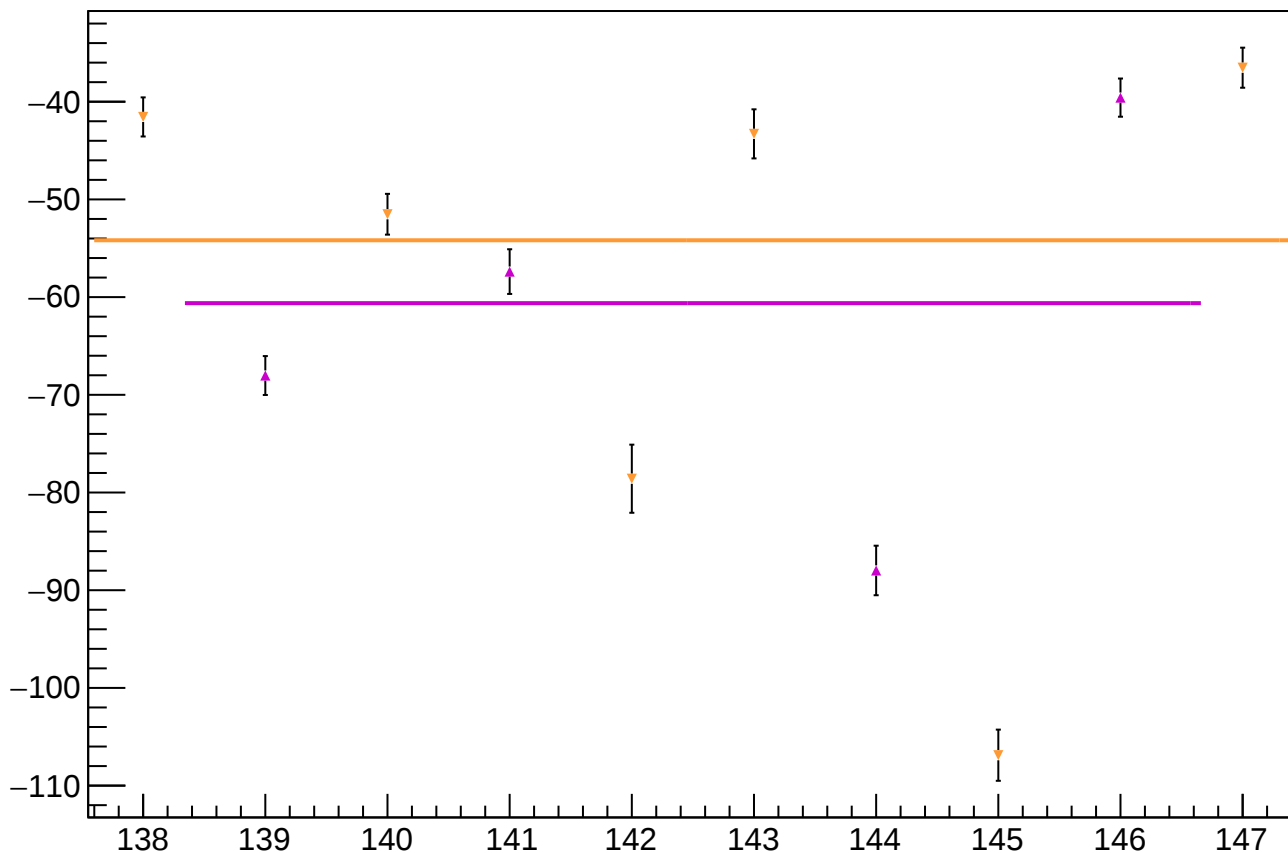
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 115.592 $\pm$ 0.063 χ^2 /NDF: 90264.4/20

Out: 113.760 $\pm$ 0.056 χ^2 /NDF: 94355.9/24

All: 114.577 $\pm$ 0.042 χ^2 /NDF: 185094.3/45

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: -54.182+/-0.952 χ^2/NDF :588.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -60.618+/-1.078 χ^2/NDF :248.2/3

Left: -57.002+/-0.713 χ^2/NDF : 856.7/9

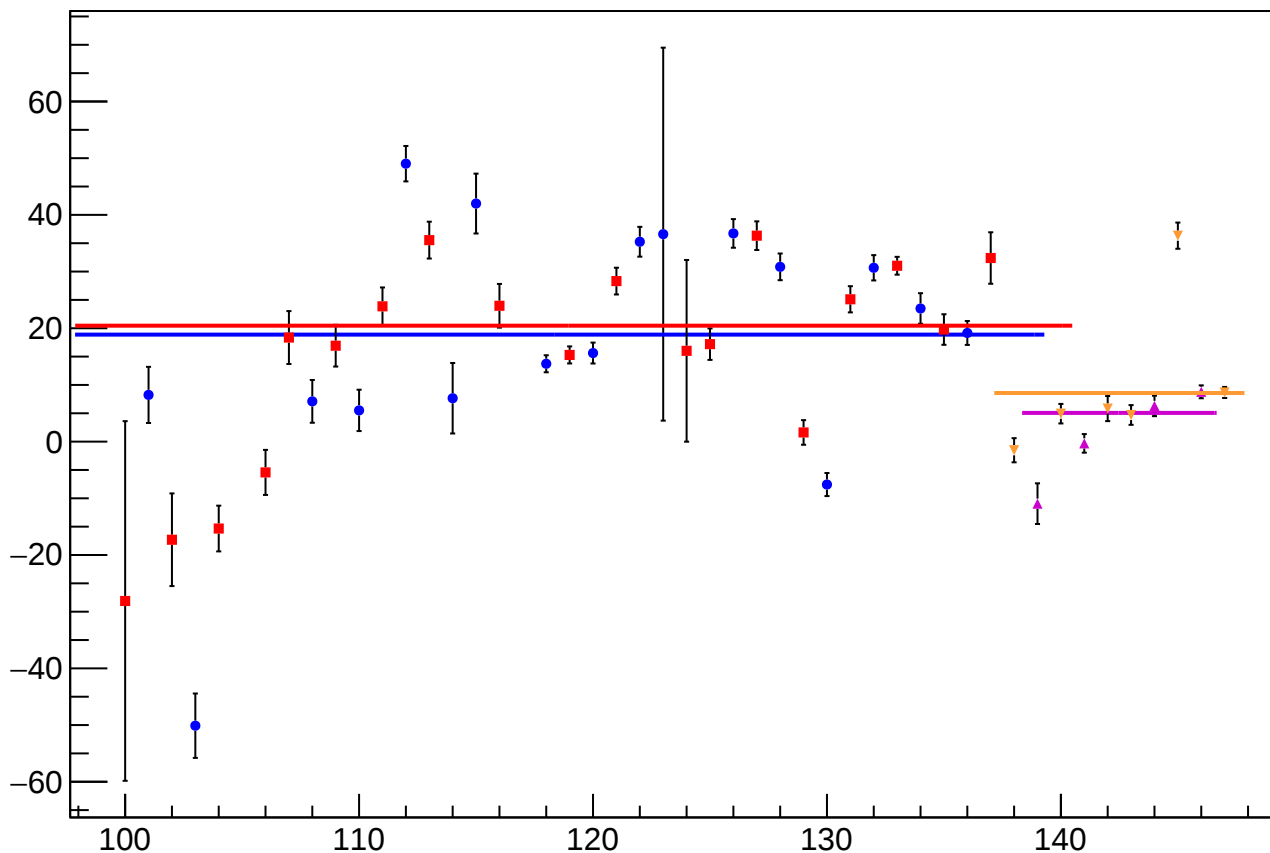
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.618+/-1.078 χ^2/NDF :248.2/3

Out: -54.182+/-0.952 χ^2/NDF :588.5/5

All: -57.002+/-0.713 χ^2/NDF : 856.7/9

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.578 $\pm$ 0.655 χ^2 /NDF:177.7/5

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 5.066 $\pm$ 0.809 χ^2 /NDF:41.8/3

Left: 7.188 $\pm$ 0.509 χ^2 /NDF: 231.0/9

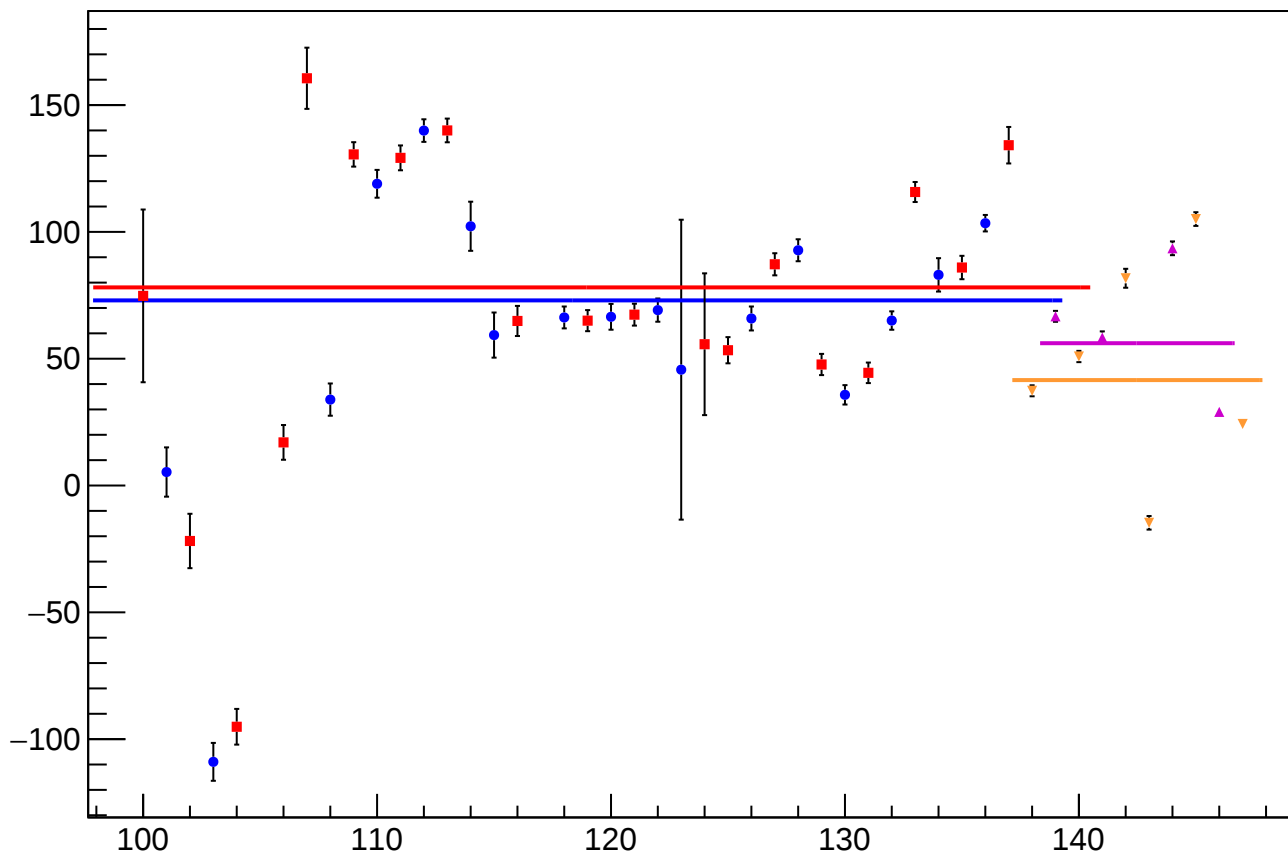
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 13.515 $\pm$ 0.504 χ^2 /NDF:840.6/20

Out: 14.620 $\pm$ 0.459 χ^2 /NDF:709.9/24

All: 14.119 $\pm$ 0.339 χ^2 /NDF: 1553.1/45

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: 41.569 $\pm$ 0.983 χ^2 /NDF:1211.2/5

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 56.110 $\pm$ 1.113 χ^2 /NDF:425.5/3

Left: 47.937 $\pm$ 0.737 χ^2 /NDF: 1732.6/9

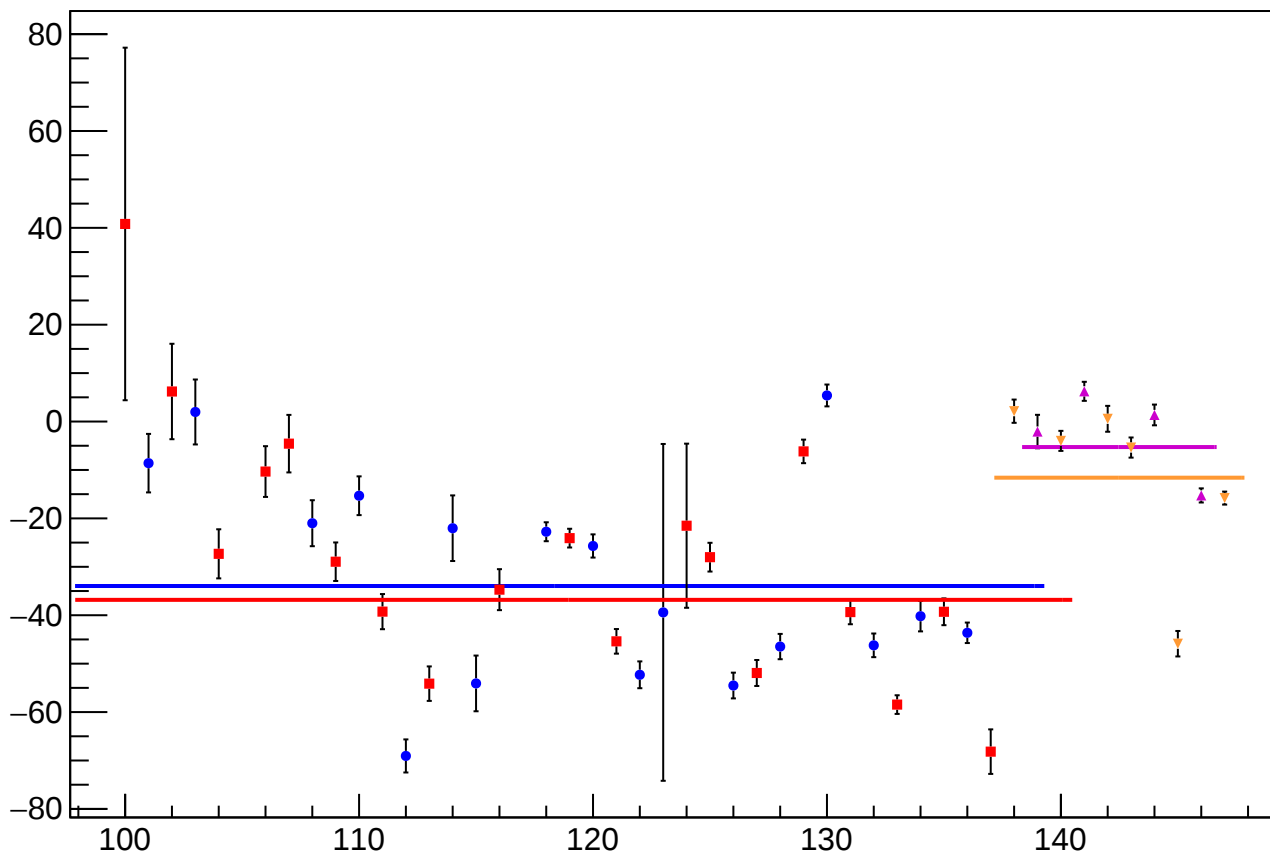
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 63.712 $\pm$ 0.825 χ^2 /NDF:1734.5/20

Out: 55.907 $\pm$ 0.766 χ^2 /NDF:3300.6/24

All: 59.519 $\pm$ 0.562 χ^2 /NDF: 5083.1/45

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: -11.595 ± 0.822 χ^2/NDF : 255.6/5

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -5.269 ± 0.985 χ^2/NDF : 91.6/3

Left: -8.997 ± 0.631 χ^2/NDF : 371.5/9

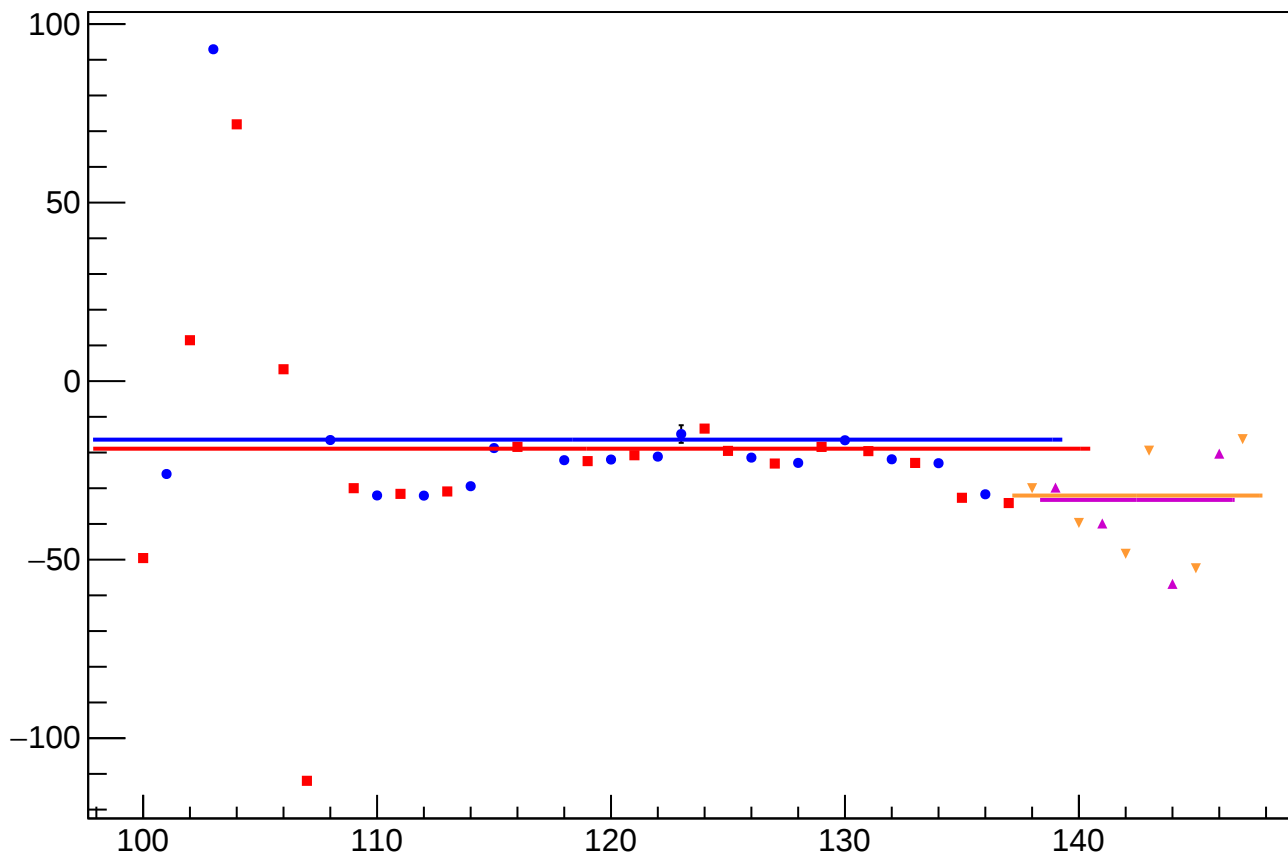
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -23.657 ± 0.590 χ^2/NDF : 1357.2/20

Out: -25.589 ± 0.549 χ^2/NDF : 1317.6/24

All: -24.694 ± 0.402 χ^2/NDF : 2680.5/45

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 $\pm$ 0.044 χ^2 /NDF: 474297.3/16

Left Out: -32.046 $\pm$ 0.041 χ^2 /NDF: 99363.8/5

Right Out: -18.925 $\pm$ 0.045 χ^2 /NDF: 434146.0/18

Left In: -33.265 $\pm$ 0.045 χ^2 /NDF: 68355.9/3

Left: -32.596 $\pm$ 0.031 χ^2 /NDF: 168114.3/9

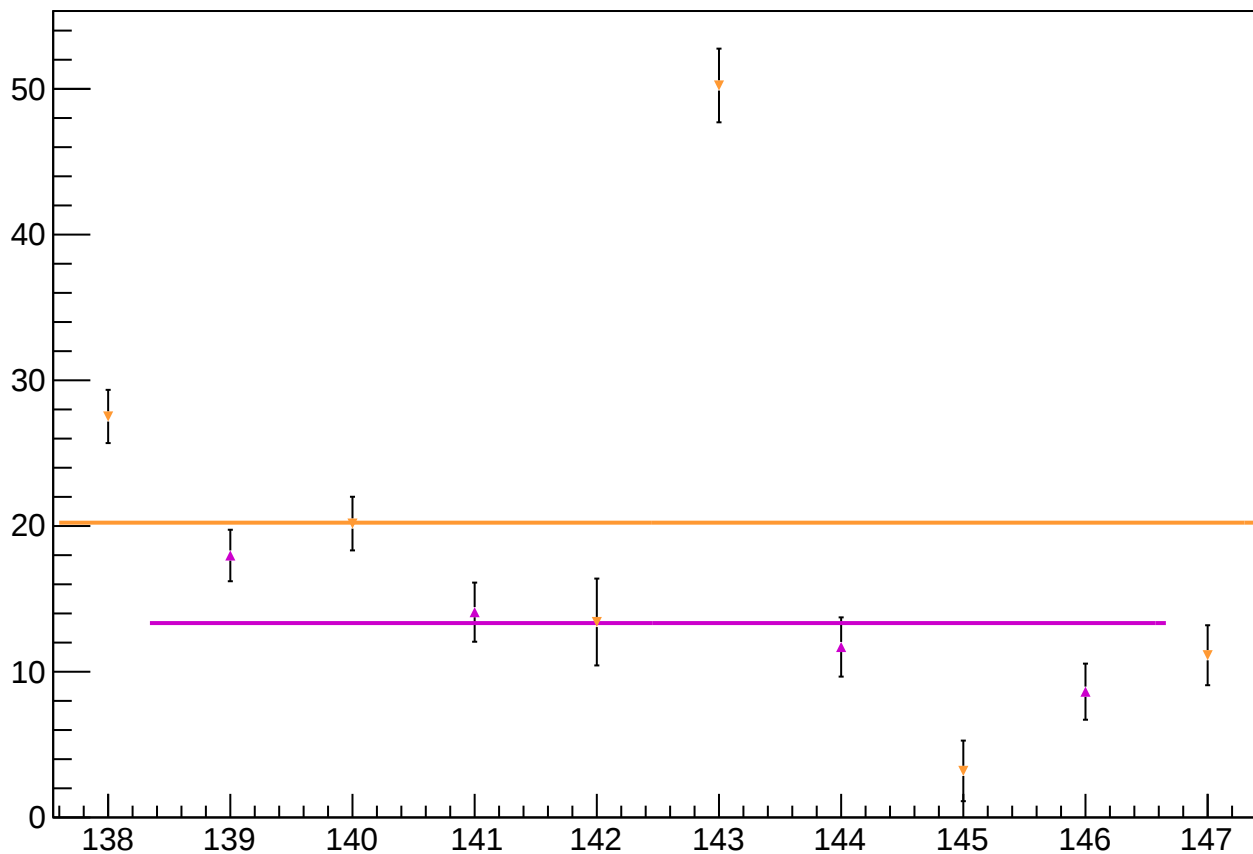
Right: -17.633 $\pm$ 0.032 χ^2 /NDF: 910044.8/35

In: -24.635 $\pm$ 0.032 χ^2 /NDF: 613071.1/20

Out: -26.094 $\pm$ 0.030 χ^2 /NDF: 579446.4/24

All: -25.396 $\pm$ 0.022 χ^2 /NDF: 1193615.1/45

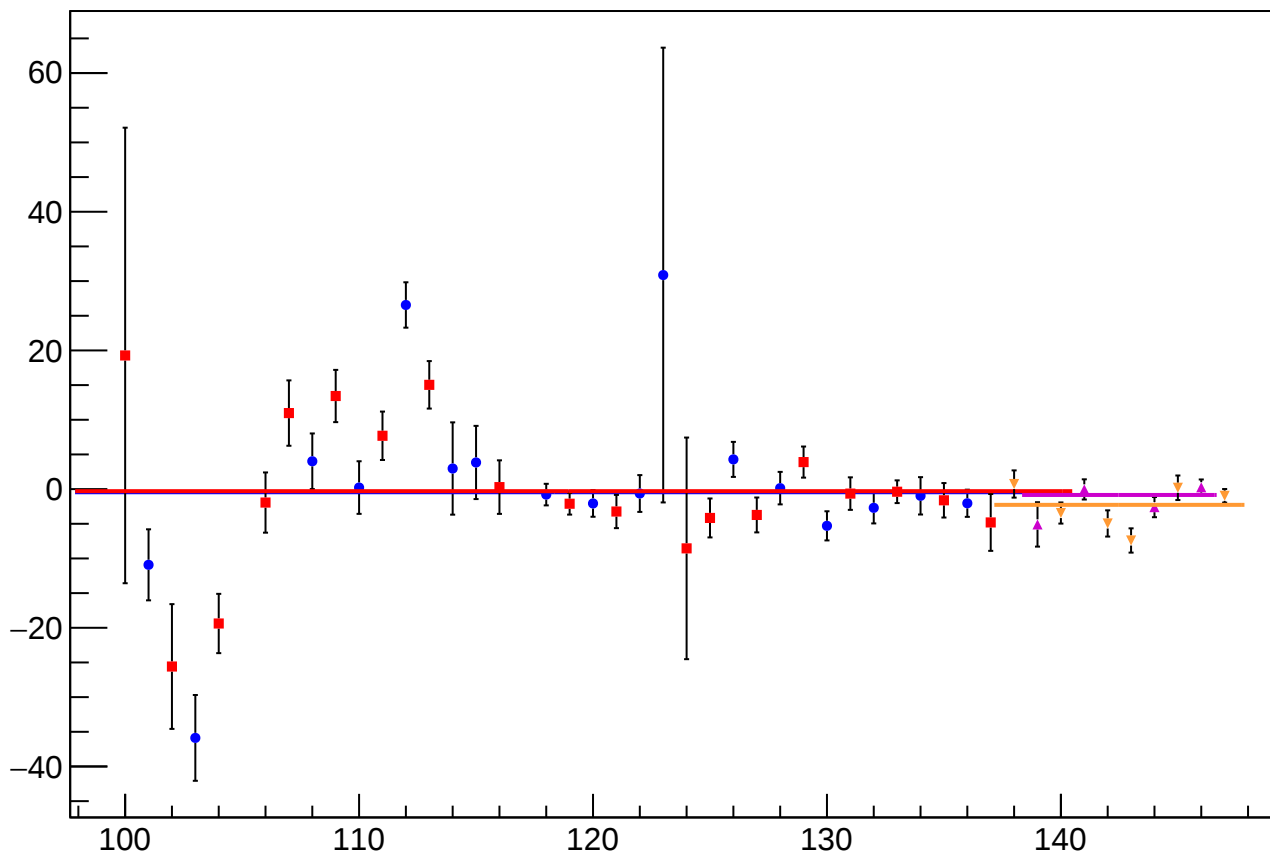
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.231 $\pm$ 0.867 χ^2 /NDF:248.7/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3

Left: 17.153 $\pm$ 0.645 χ^2 /NDF: 290.6/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3
 Out: 20.231 $\pm$ 0.867 χ^2 /NDF:248.7/5
 All: 17.153 $\pm$ 0.645 χ^2 /NDF: 290.6/9

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: -2.271 ± 0.613 χ^2/NDF : 17.3/5

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.844 ± 0.741 χ^2/NDF : 4.5/3

Left: -1.690 ± 0.472 χ^2/NDF : 24.0/9

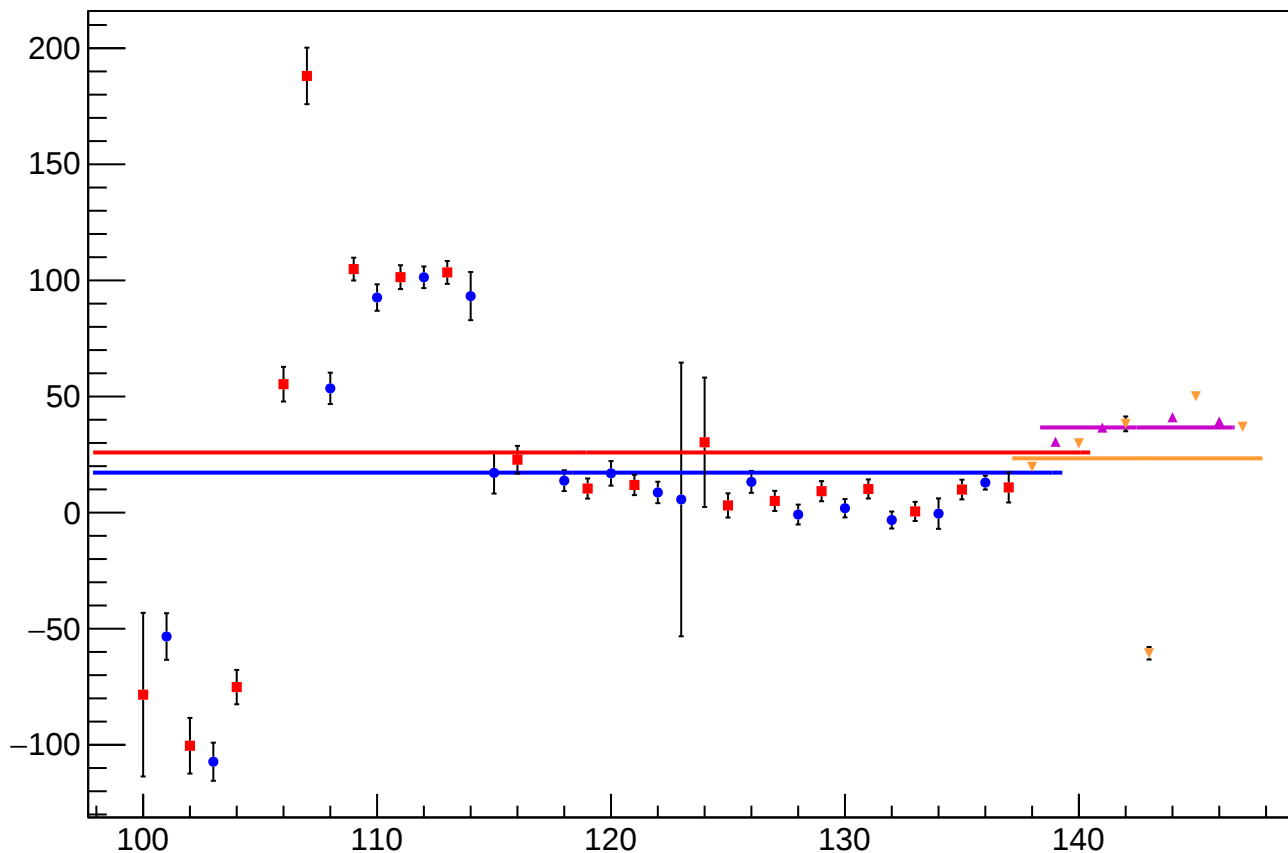
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.624 ± 0.490 χ^2/NDF : 124.2/20

Out: -1.353 ± 0.448 χ^2/NDF : 106.6/24

All: -1.021 ± 0.331 χ^2/NDF : 231.9/45

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: 23.381 $\pm$ 0.901 χ^2 /NDF:1205.8/5

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 36.674 $\pm$ 1.003 χ^2 /NDF:16.5/3

Left: 29.317 $\pm$ 0.670 χ^2 /NDF: 1319.6/9

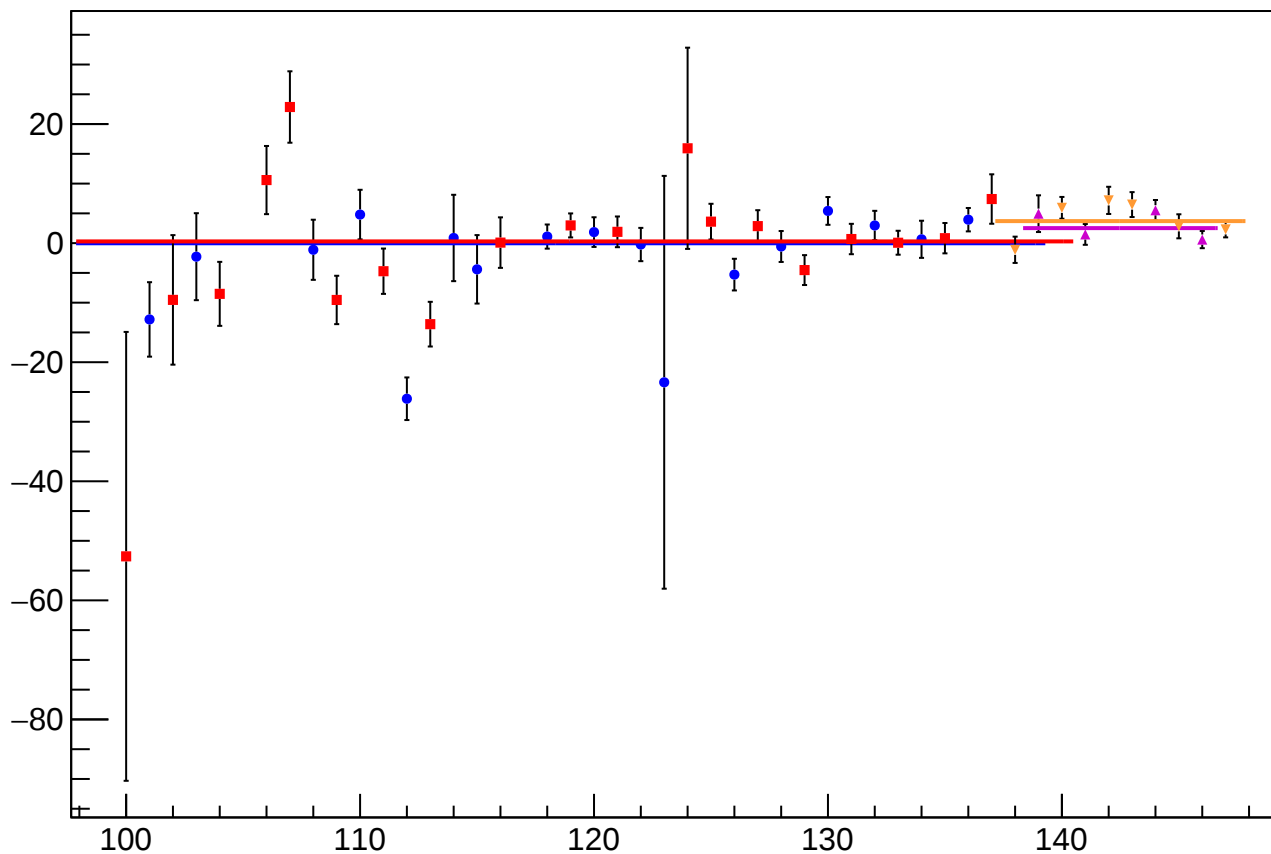
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 28.988 $\pm$ 0.780 χ^2 /NDF:1105.3/20

Out: 24.248 $\pm$ 0.729 χ^2 /NDF:2583.2/24

All: 26.460 $\pm$ 0.533 χ^2 /NDF: 3708.3/45

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: 3.700 ± 0.762 χ^2/NDF : 11.6/5

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.522 ± 0.895 χ^2/NDF : 5.8/3

Left: 3.205 ± 0.580 χ^2/NDF : 18.4/9

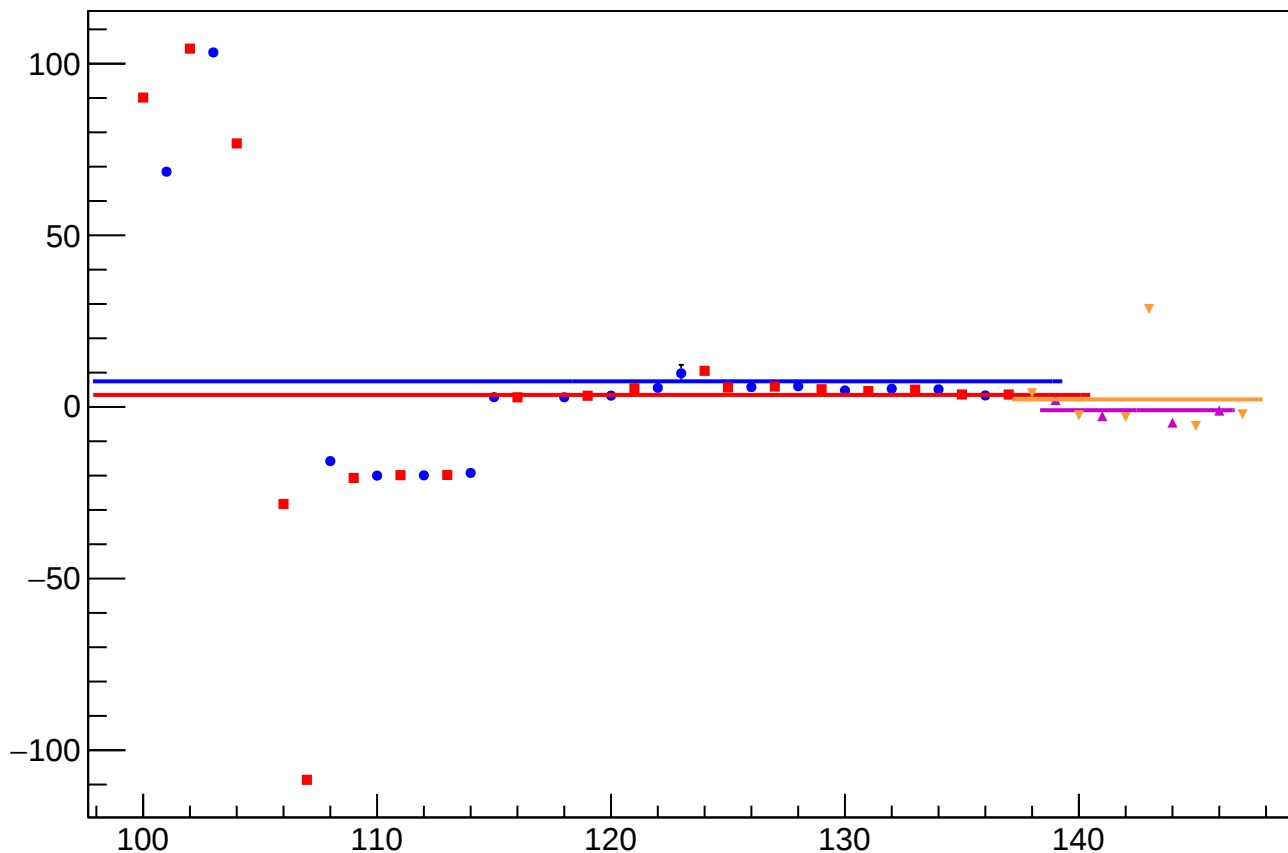
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.020 ± 0.572 χ^2/NDF : 86.4/20

Out: 1.967 ± 0.534 χ^2/NDF : 77.8/24

All: 1.526 ± 0.391 χ^2/NDF : 165.7/45

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 2.197 $\pm$ 0.037 χ^2 /NDF: 74815.7/5

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -0.947 $\pm$ 0.041 χ^2 /NDF: 3759.1/3

Left: 0.760 $\pm$ 0.028 χ^2 /NDF: 81794.9/9

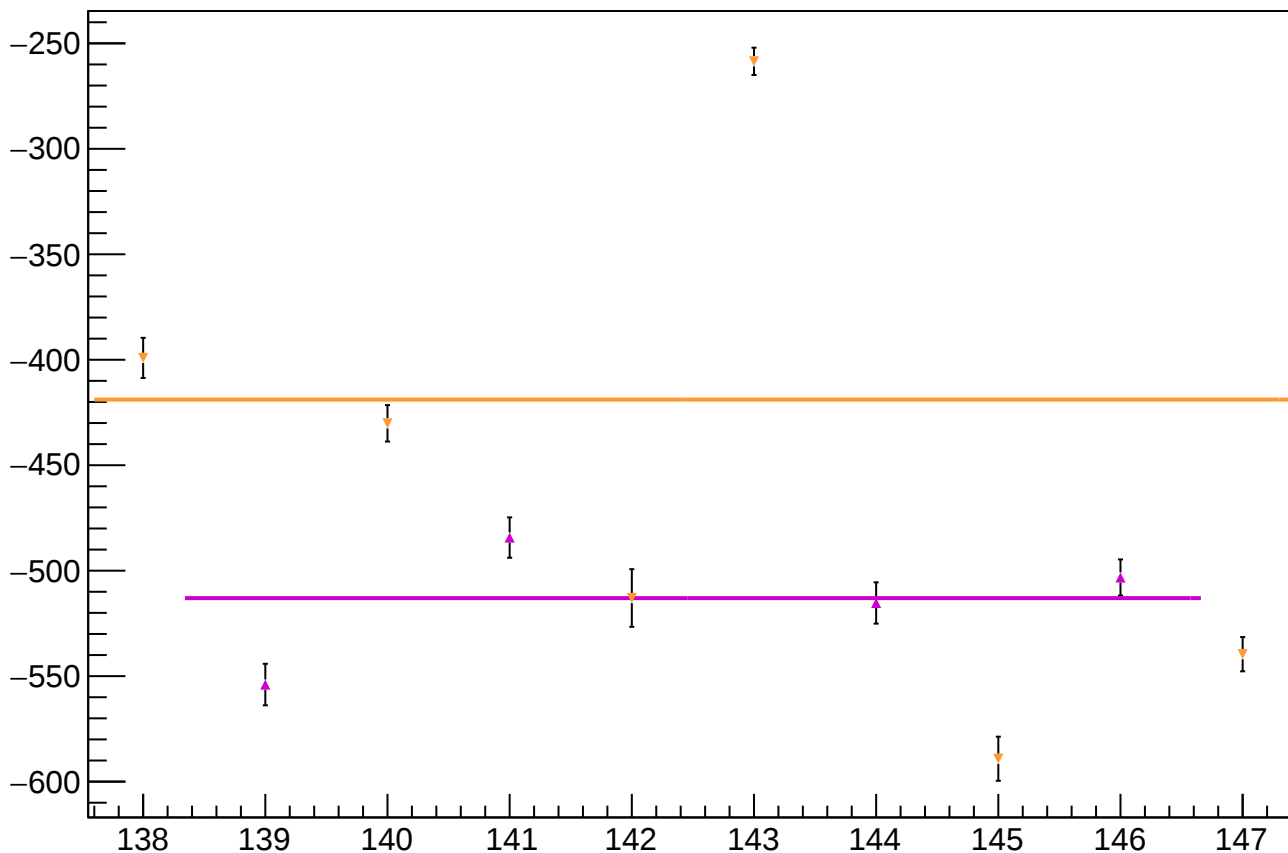
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 2.900 $\pm$ 0.030 χ^2 /NDF: 379080.5/20

Out: 2.722 $\pm$ 0.029 χ^2 /NDF: 585881.0/24

All: 2.808 $\pm$ 0.021 χ^2 /NDF: 964979.6/45

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: -418.894+/-3.582 χ^2/NDF :1152.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -513.007+/-4.700 χ^2/NDF :27.7/3

Left: -453.469+/-2.849 χ^2/NDF : 1433.7/9

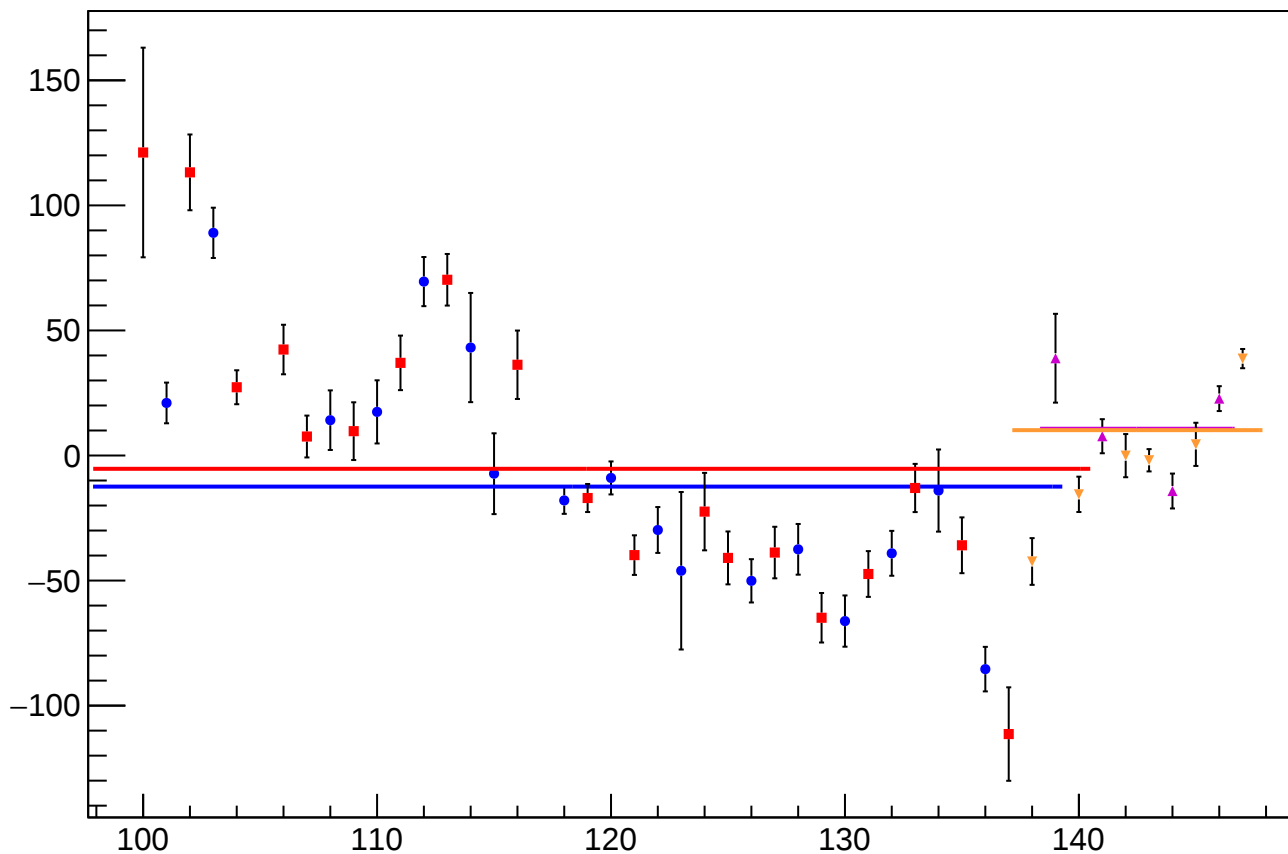
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.007+/-4.700 χ^2/NDF :27.7/3

Out: -418.894+/-3.582 χ^2/NDF :1152.4/5

All: -453.469+/-2.849 χ^2/NDF : 1433.7/9

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: 10.136 ± 2.382 $\chi^2/\text{NDF}: 109.2/5$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: 10.700 ± 3.416 $\chi^2/\text{NDF}: 21.3/3$

Left: 10.321 ± 1.954 $\chi^2/\text{NDF}: 130.6/9$

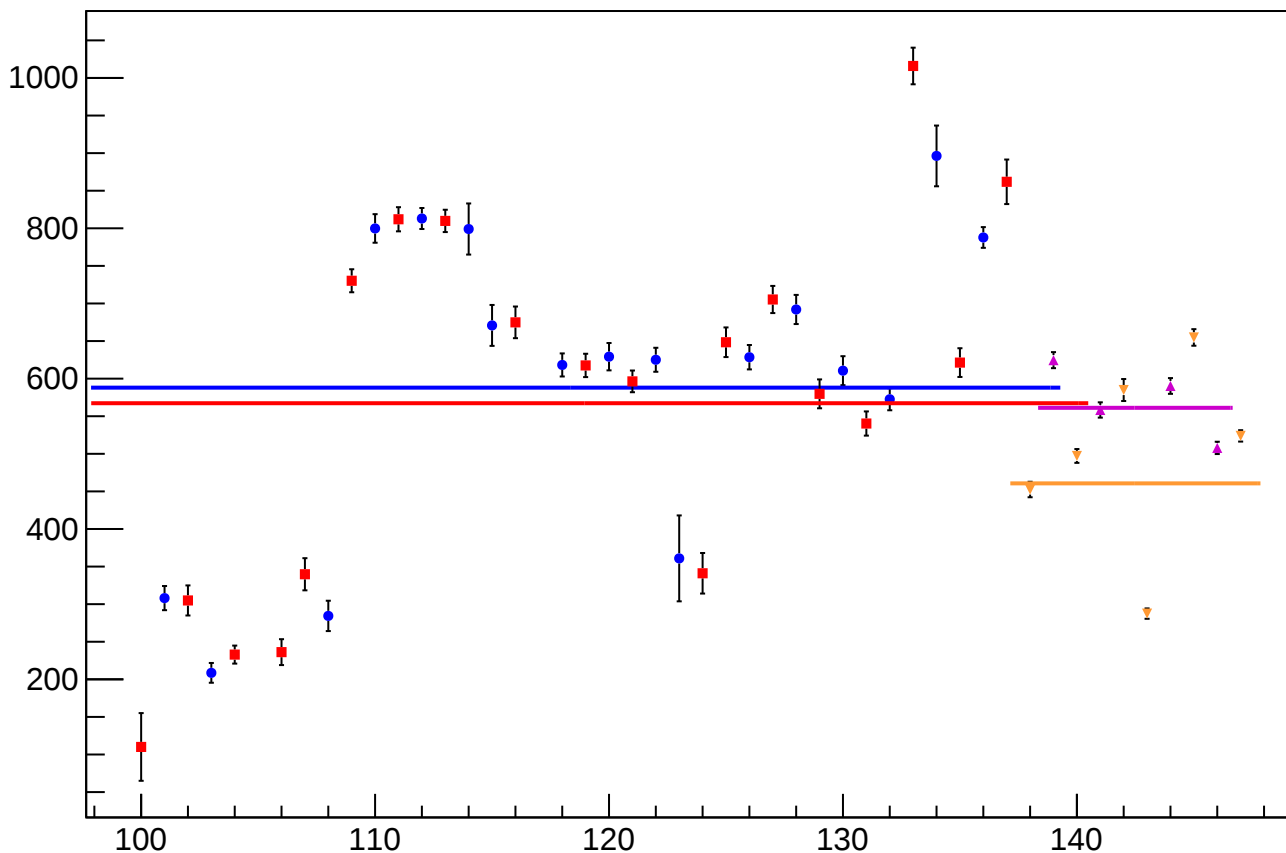
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: -5.152 ± 1.916 $\chi^2/\text{NDF}: 393.0/20$

Out: 2.002 ± 1.639 $\chi^2/\text{NDF}: 474.2/24$

All: -1.021 ± 1.246 $\chi^2/\text{NDF}: 875.2/45$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 460.680 $\pm$ 3.714 χ^2 /NDF:1097.2/5

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 561.194 $\pm$ 4.852 χ^2 /NDF:85.5/3

Left: 497.820 $\pm$ 2.949 χ^2 /NDF: 1453.2/9

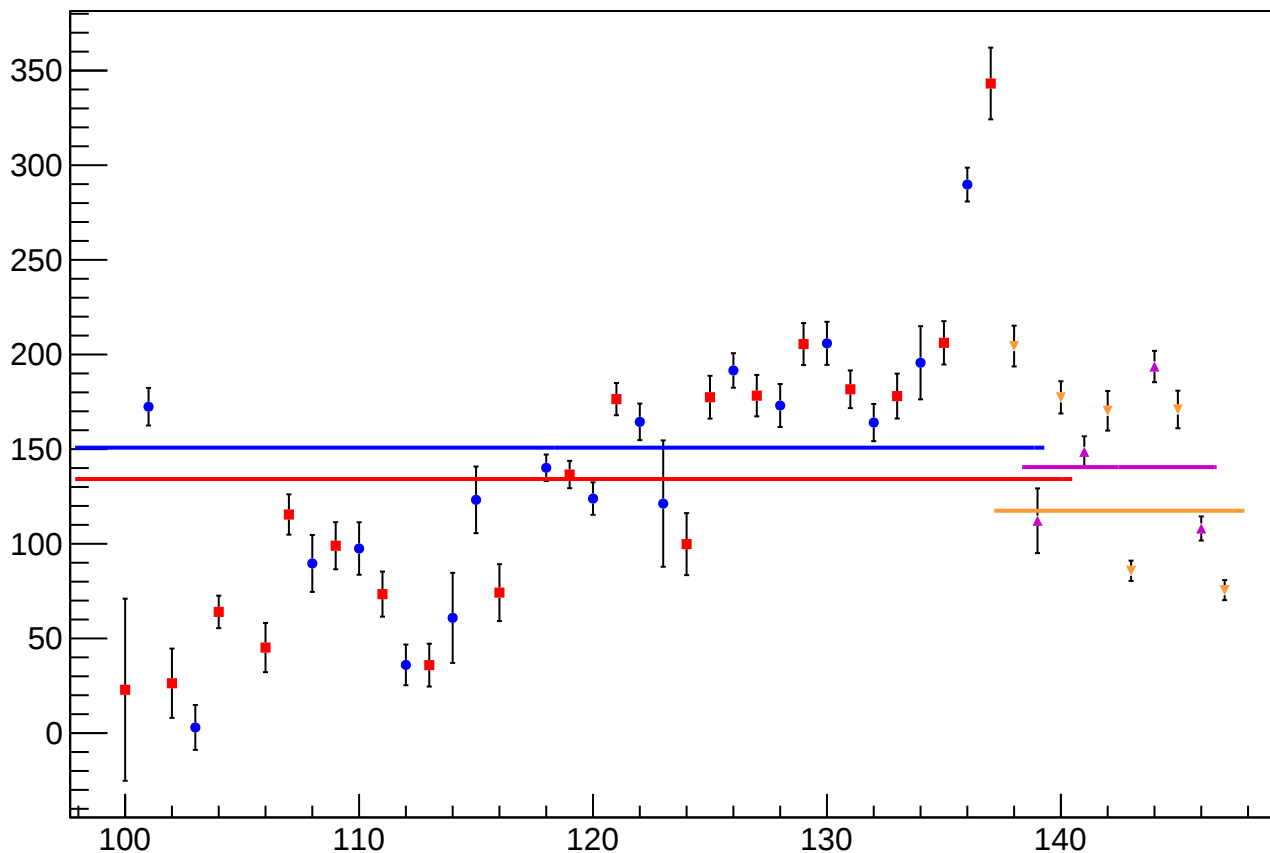
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 576.138 $\pm$ 3.230 χ^2 /NDF:2230.3/20

Out: 508.323 $\pm$ 2.763 χ^2 /NDF:4249.7/24

All: 536.973 $\pm$ 2.100 χ^2 /NDF: 6734.5/45

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 117.452 $\pm$ 2.986 χ^2 /NDF:266.6/5

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 140.515 $\pm$ 4.170 χ^2 /NDF:70.9/3

Left: 125.271 $\pm$ 2.428 χ^2 /NDF: 357.7/9

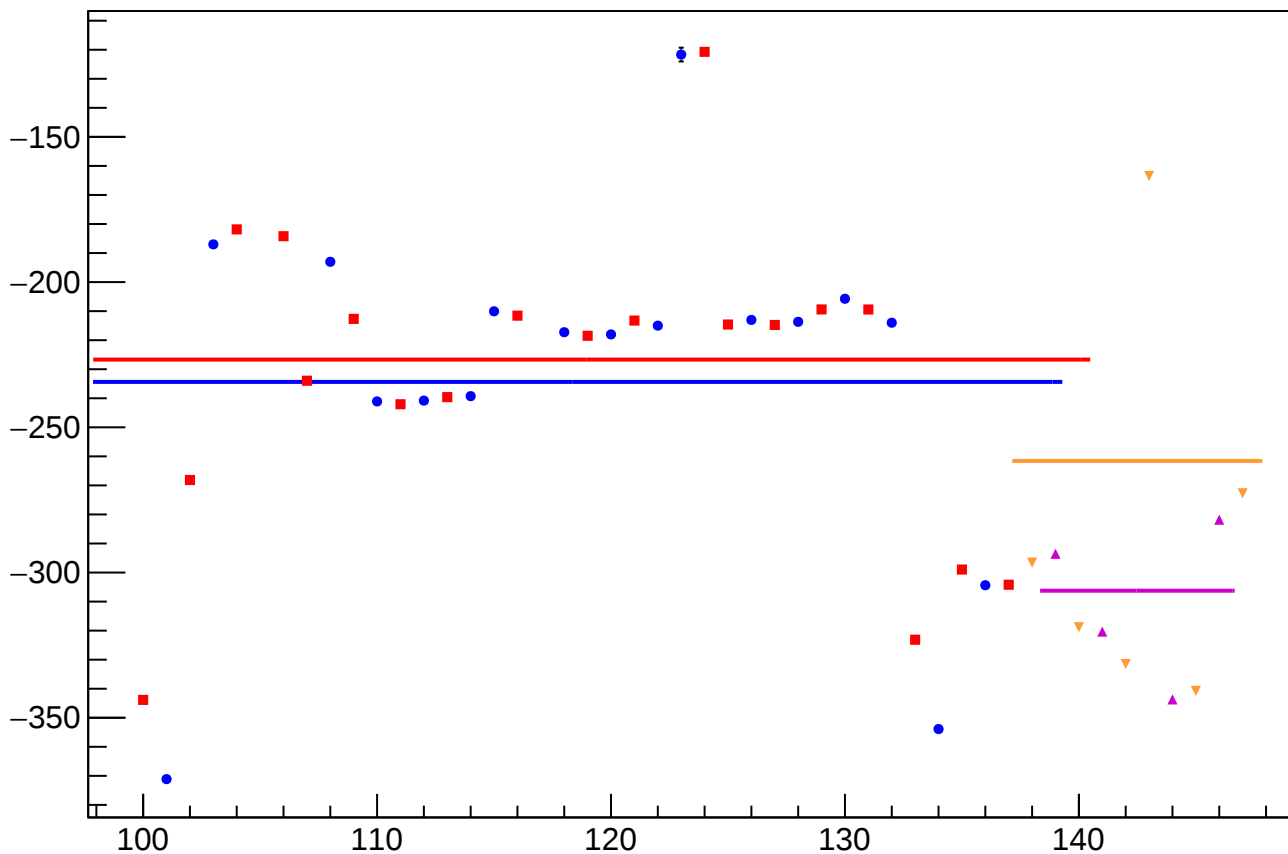
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 147.784 $\pm$ 2.254 χ^2 /NDF:708.3/20

Out: 126.941 $\pm$ 1.968 χ^2 /NDF:866.0/24

All: 135.953 $\pm$ 1.482 χ^2 /NDF: 1622.8/45

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: -261.573+/-0.156 χ^2/NDF : 200162.6/5

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -306.248+/-0.201 χ^2/NDF : 13177.6/3

Left: -278.368+/-0.123 χ^2/NDF : 244138.7/9

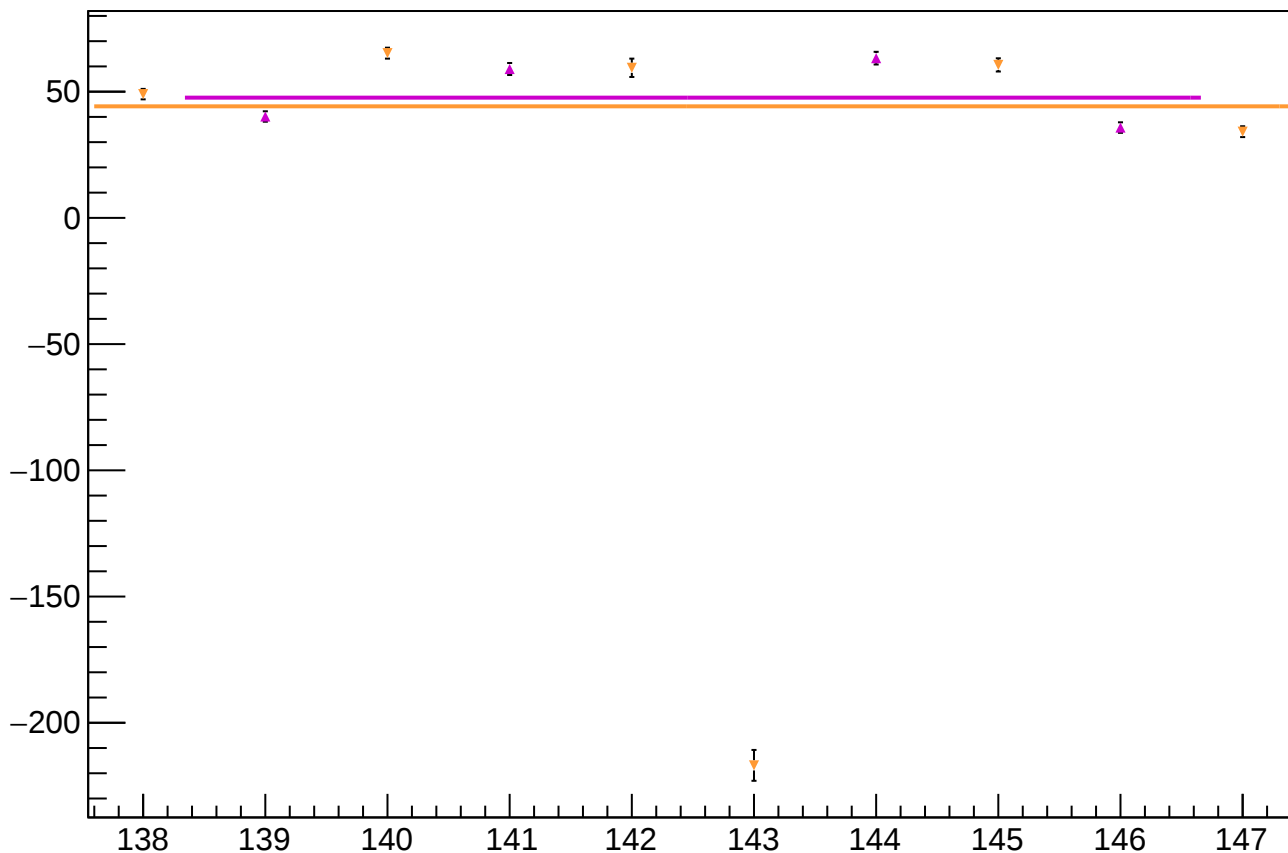
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -259.723+/-0.119 χ^2/NDF : 241039.5/20

Out: -242.387+/-0.105 χ^2/NDF : 327134.5/24

All: -249.922+/-0.079 χ^2/NDF : 580081.7/45

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: 44.188+/-1.048 χ^2/NDF :2003.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.630+/-1.119 χ^2/NDF :106.9/3

Left: 45.796+/-0.765 χ^2/NDF : 2115.1/9

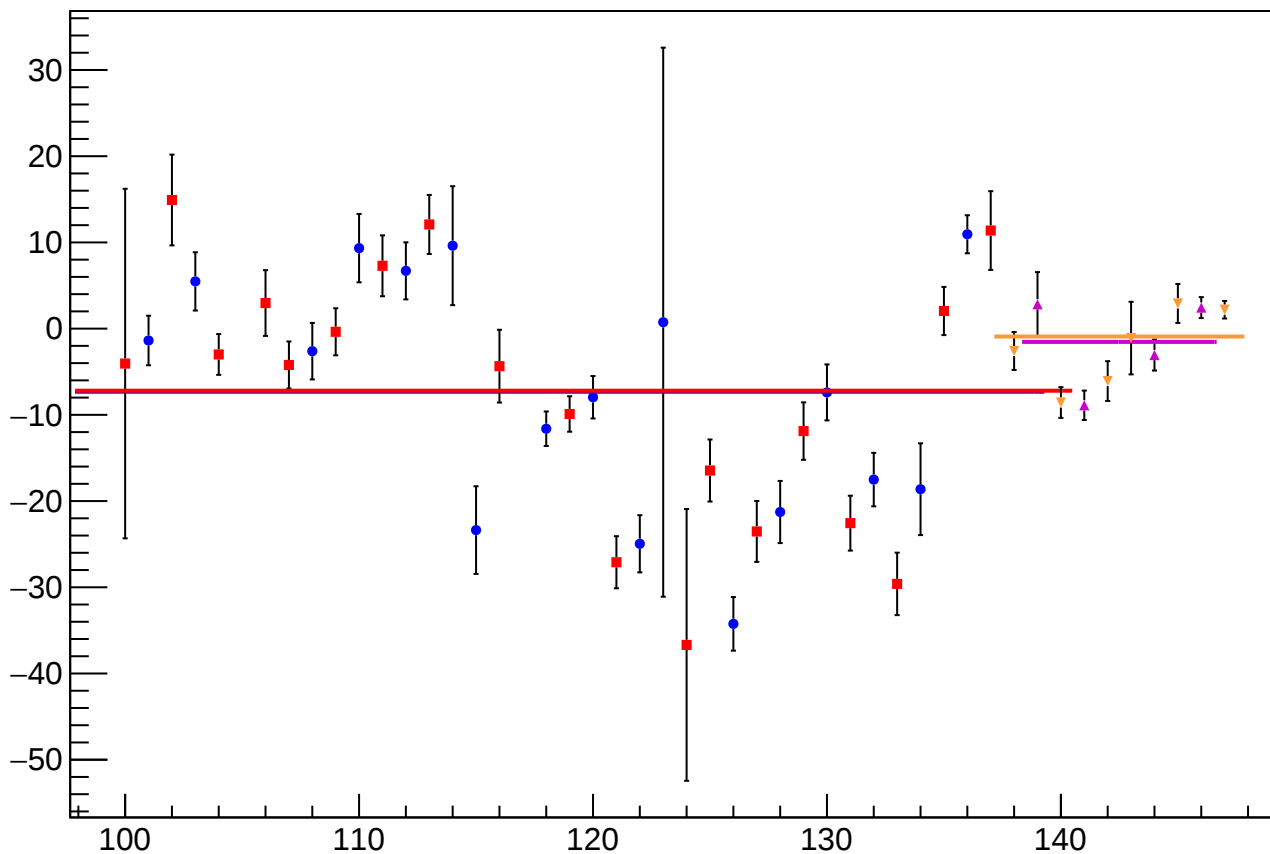
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.630+/-1.119 χ^2/NDF :106.9/3

Out: 44.188+/-1.048 χ^2/NDF :2003.2/5

All: 45.796+/-0.765 χ^2/NDF : 2115.1/9

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: -0.912 ± 0.721 χ^2/NDF : 36.2/5

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.538 ± 0.844 χ^2/NDF : 31.4/3

Left: -1.176 ± 0.548 χ^2/NDF : 67.9/9

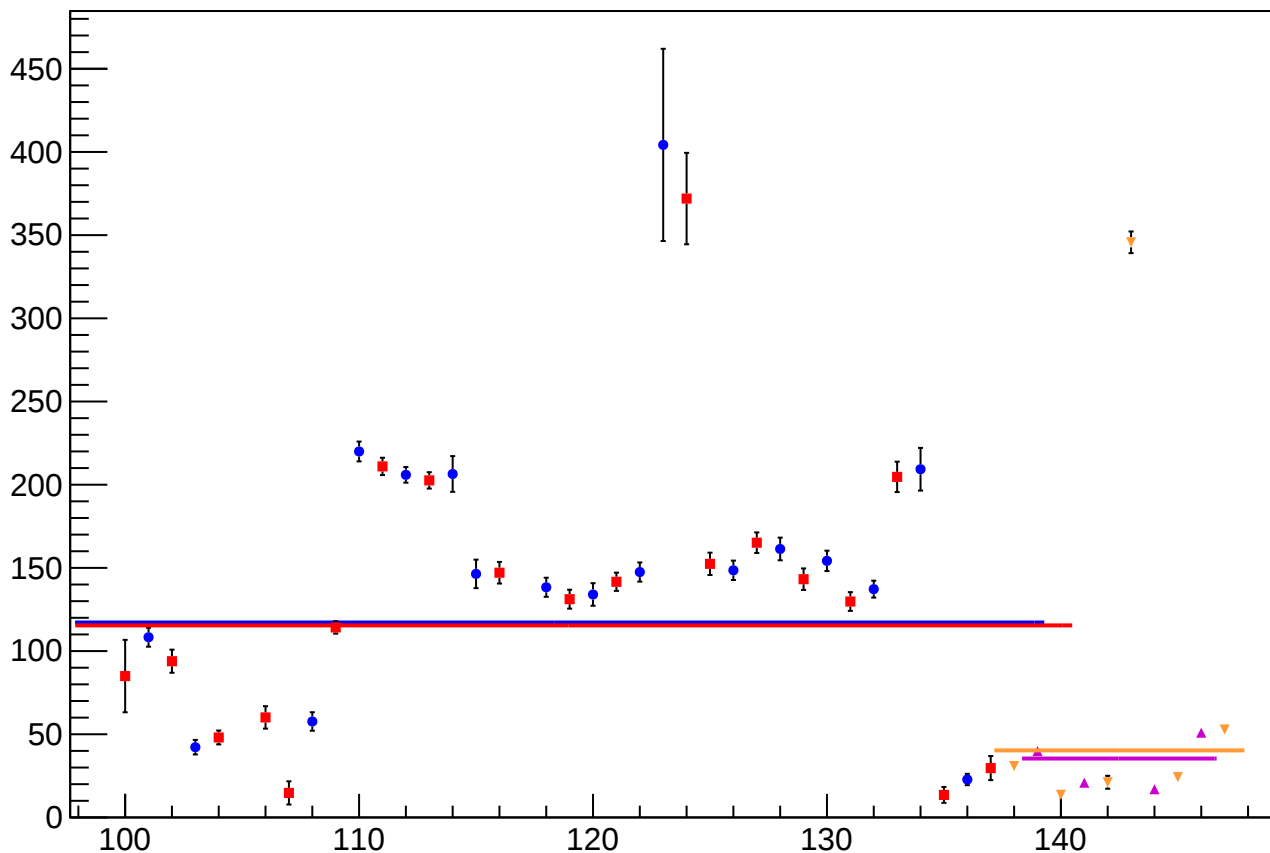
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -4.654 ± 0.573 χ^2/NDF : 335.7/20

Out: -3.884 ± 0.524 χ^2/NDF : 324.3/24

All: -4.234 ± 0.387 χ^2/NDF : 661.0/45

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 40.305 $\pm$ 1.079 χ^2 /NDF:2445.0/5

Right Out: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 35.406 $\pm$ 1.158 χ^2 /NDF:144.9/3

Left: 38.028 $\pm$ 0.789 χ^2 /NDF: 2599.5/9

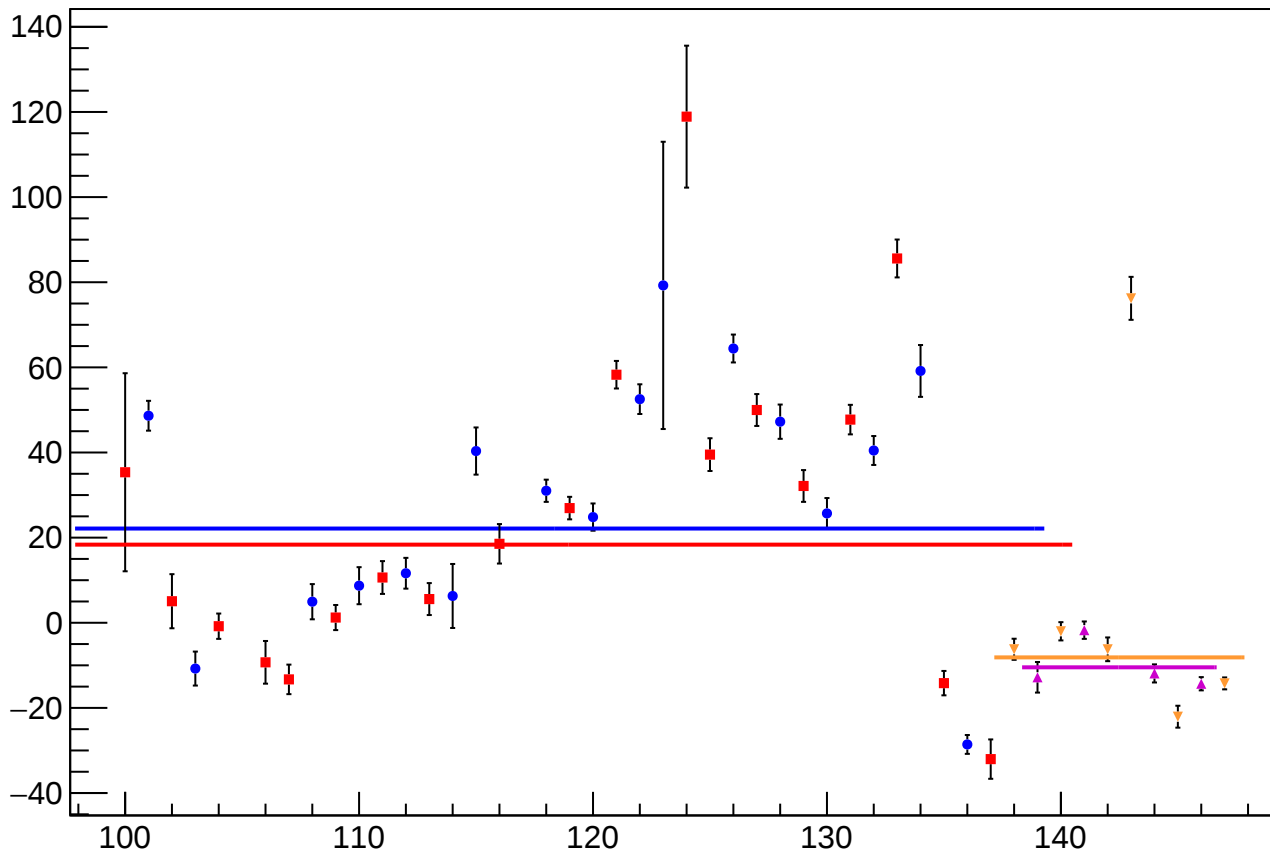
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 68.305 $\pm$ 0.895 χ^2 /NDF:4310.8/20

Out: 69.318 $\pm$ 0.845 χ^2 /NDF:6468.1/24

All: 68.841 $\pm$ 0.615 χ^2 /NDF: 10779.5/45

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -8.134 ± 0.910 $\chi^2/\text{NDF}: 336.7/5$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -10.467 ± 1.026 $\chi^2/\text{NDF}: 25.2/3$

Left: -9.162 ± 0.681 $\chi^2/\text{NDF}: 364.8/9$

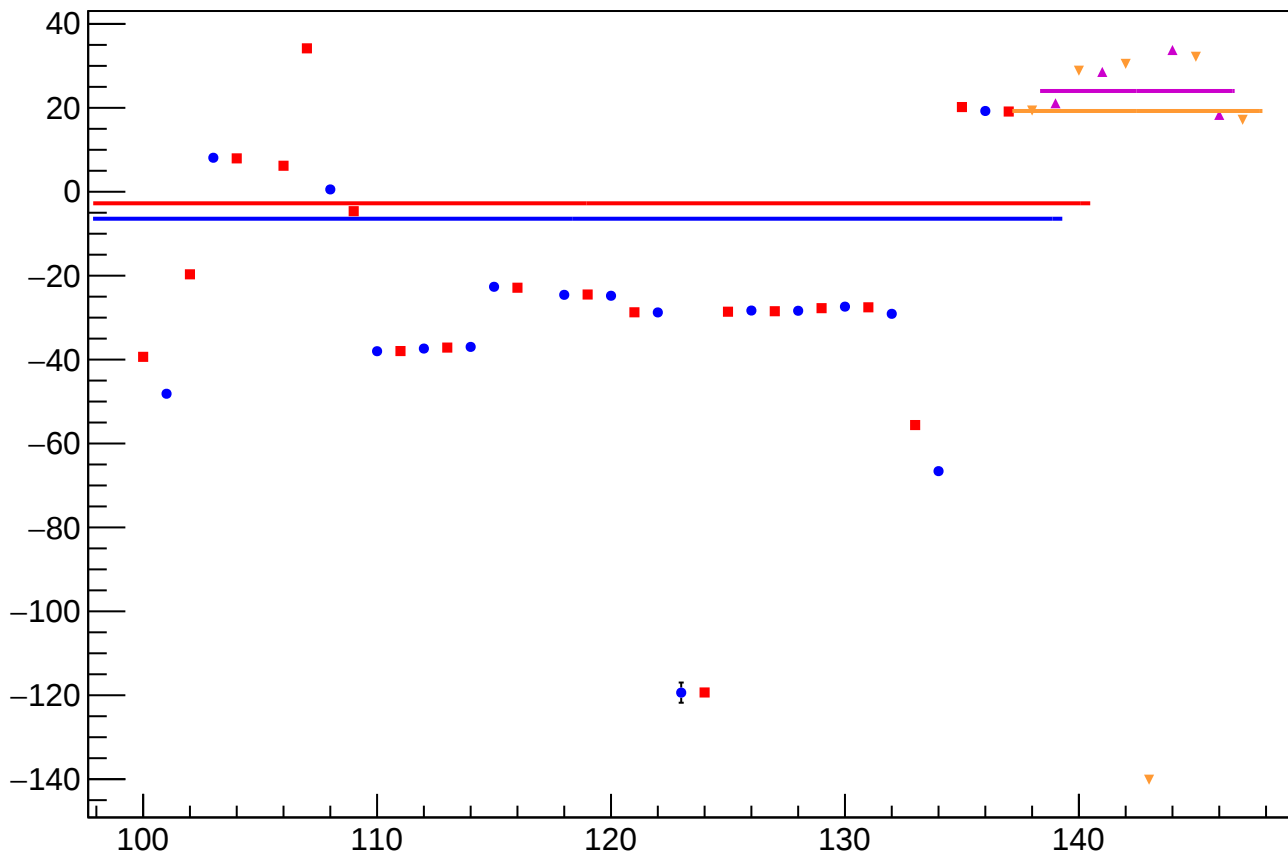
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: 8.121 ± 0.673 $\chi^2/\text{NDF}: 1664.7/20$

Out: 5.691 ± 0.630 $\chi^2/\text{NDF}: 1849.4/24$

All: 6.825 ± 0.460 $\chi^2/\text{NDF}: 3521.1/45$

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: 19.251 ± 0.045 χ^2/NDF : 398405.5/5

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 24.018 ± 0.047 χ^2/NDF : 14087.8/3

Left: 21.539 ± 0.033 χ^2/NDF : 417783.2/9

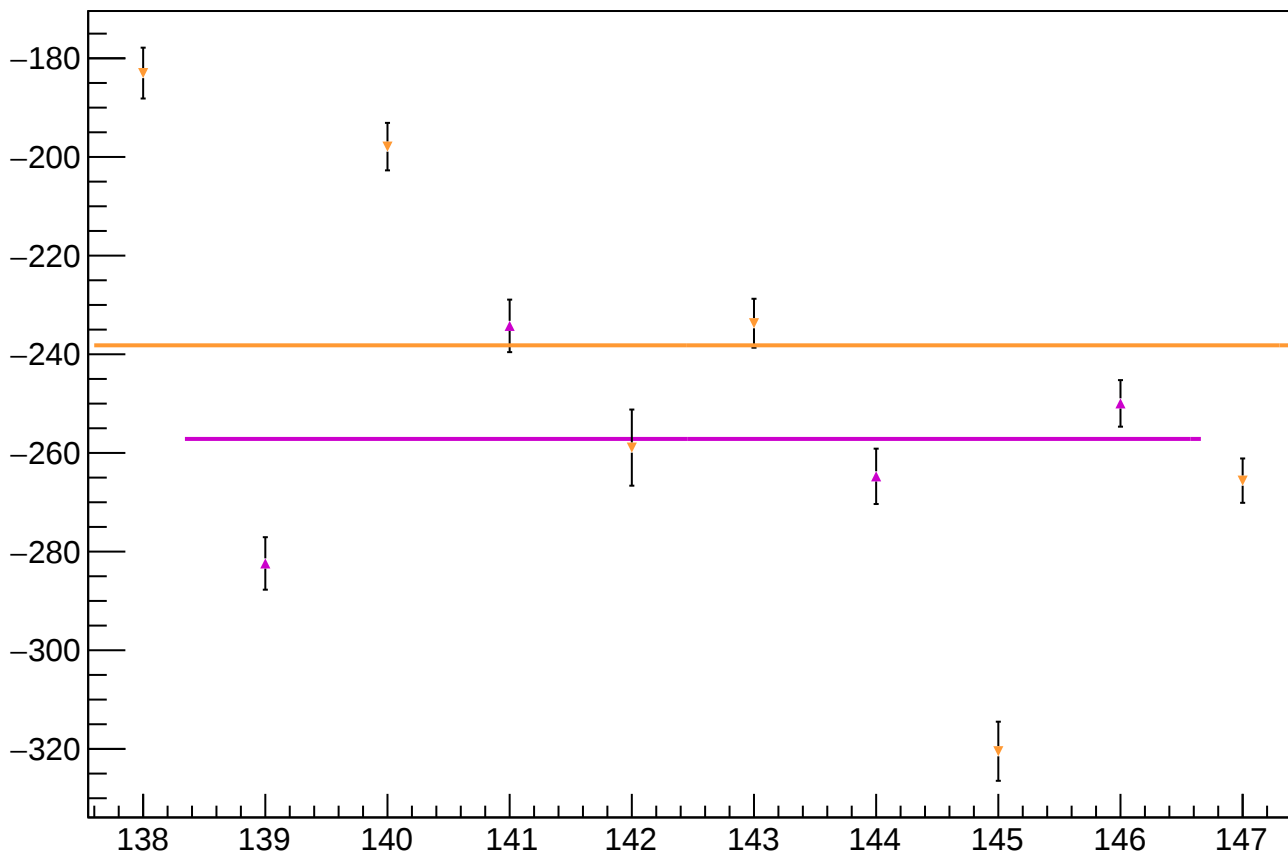
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 8.451 ± 0.033 χ^2/NDF : 491376.2/20

Out: 8.316 ± 0.032 χ^2/NDF : 781403.5/24

All: 8.382 ± 0.023 χ^2/NDF : 1272788.3/45

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: -238.185+/-2.154 χ^2/NDF :418.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -257.160+/-2.606 χ^2/NDF :45.2/3

Left: -245.886+/-1.660 χ^2/NDF : 495.3/9

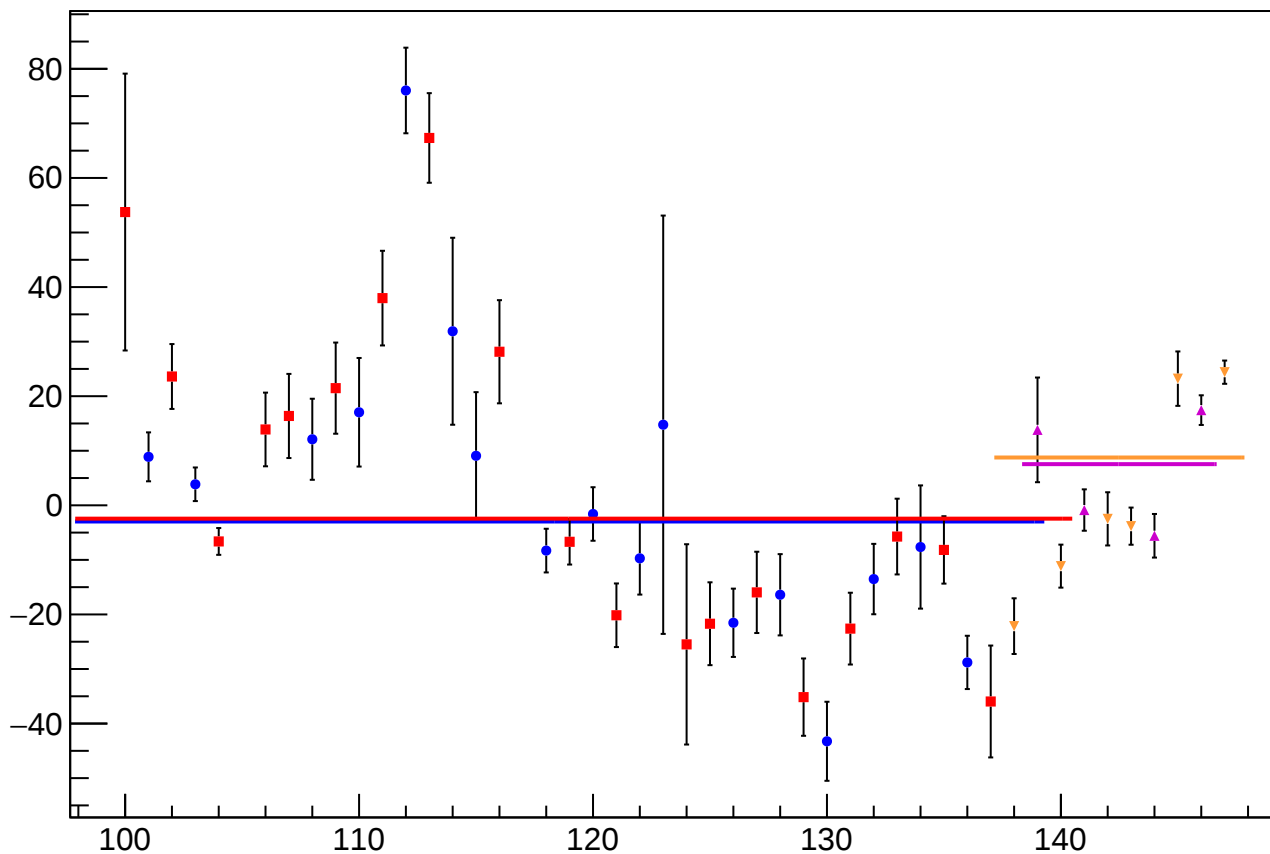
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -257.160+/-2.606 χ^2/NDF :45.2/3

Out: -238.185+/-2.154 χ^2/NDF :418.6/5

All: -245.886+/-1.660 χ^2/NDF : 495.3/9

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 8.763 ± 1.426 χ^2/NDF : 143.5/5

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 7.546 ± 1.896 χ^2/NDF : 29.4/3

Left: 8.323 ± 1.140 χ^2/NDF : 173.1/9

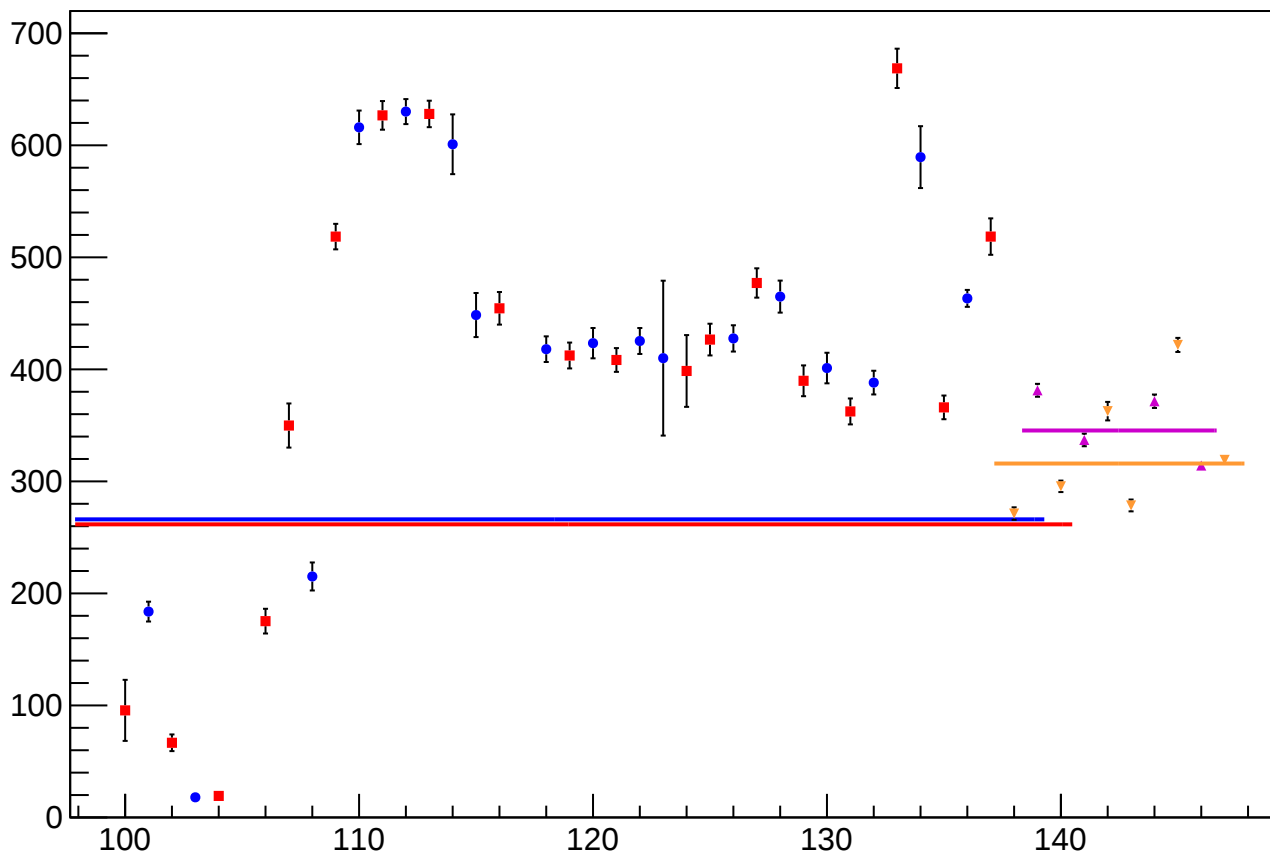
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 0.924 ± 1.153 χ^2/NDF : 252.3/20

Out: 3.042 ± 0.998 χ^2/NDF : 390.4/24

All: 2.135 ± 0.755 χ^2/NDF : 644.6/45

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: 315.937 $\pm$ 2.222 χ^2 /NDF:445.4/5

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 345.432 $\pm$ 2.688 χ^2 /NDF:108.2/3

Left: 327.910 $\pm$ 1.713 χ^2 /NDF: 625.1/9

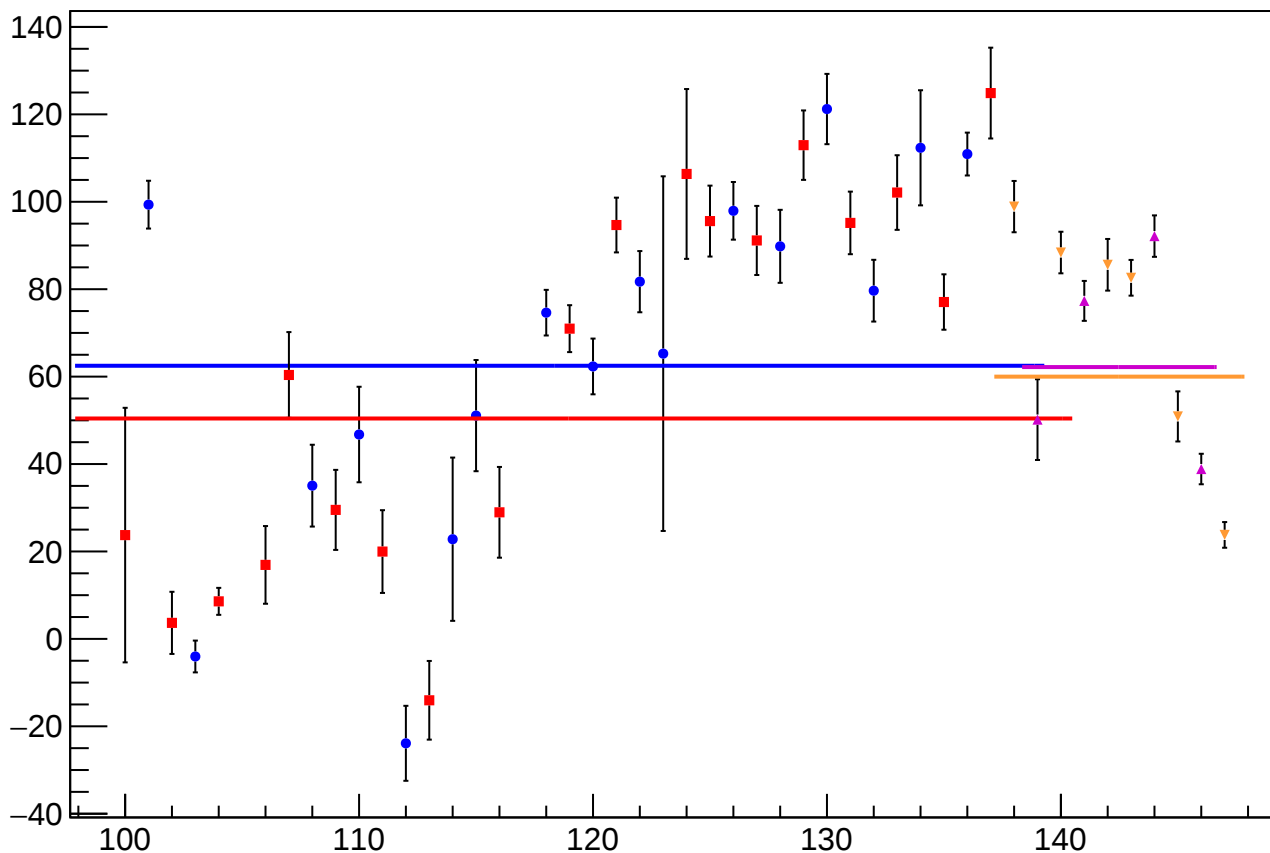
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 302.586 $\pm$ 1.823 χ^2 /NDF:8222.5/20

Out: 291.504 $\pm$ 1.648 χ^2 /NDF:8923.6/24

All: 296.488 $\pm$ 1.222 χ^2 /NDF: 17166.4/45

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 59.997 $\pm$ 1.802 χ^2 /NDF:283.3/5

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 62.186 $\pm$ 2.316 χ^2 /NDF:97.3/3

Left: 60.822 $\pm$ 1.422 χ^2 /NDF: 381.2/9

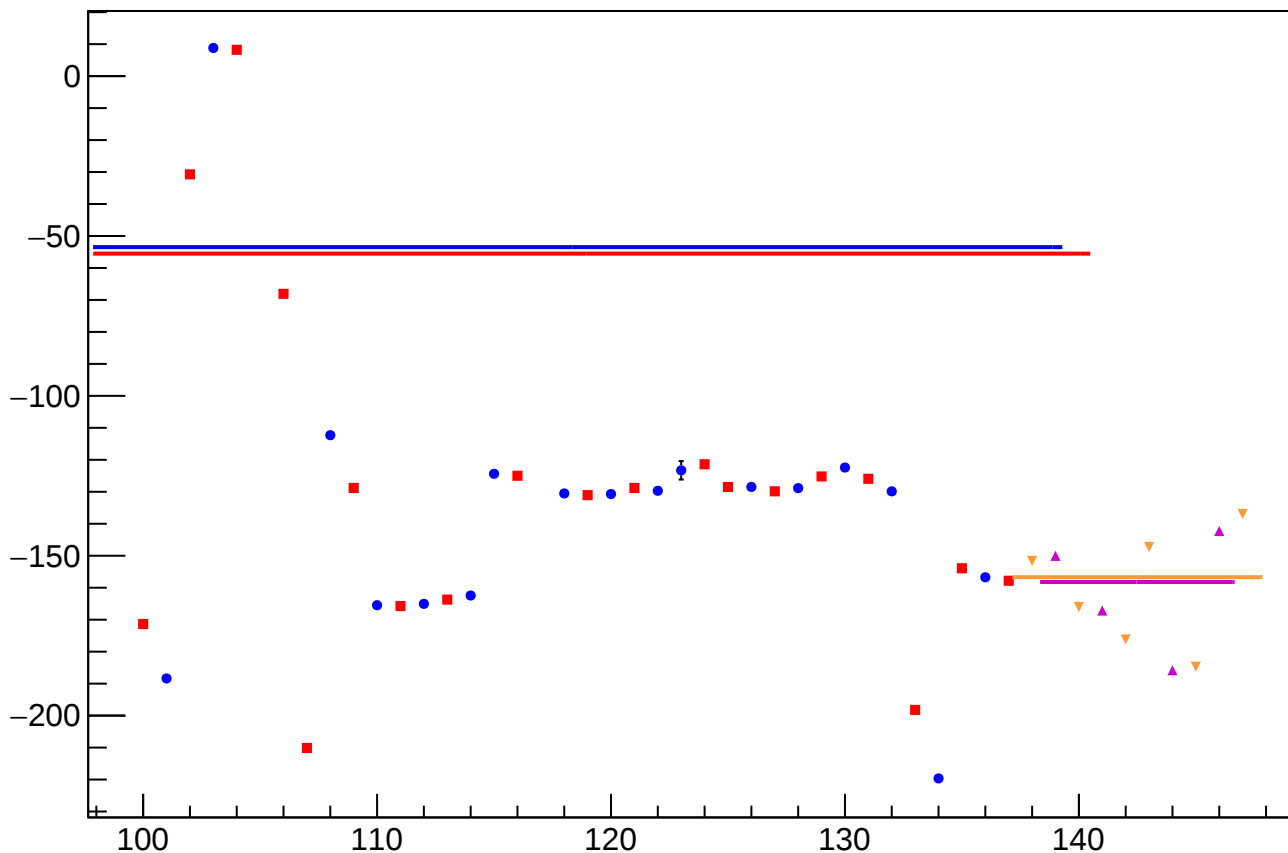
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 62.382 $\pm$ 1.360 χ^2 /NDF:818.1/20

Out: 54.765 $\pm$ 1.214 χ^2 /NDF:950.2/24

All: 58.140 $\pm$ 0.906 χ^2 /NDF: 1785.8/45

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2/NDF : 1228730.5/16

Left Out: -156.699 $\pm$ 0.094 χ^2/NDF : 30299.6/5

Right Out: -55.523 $\pm$ 0.072 χ^2/NDF : 969818.3/18

Left In: -158.218 $\pm$ 0.111 χ^2/NDF : 20100.3/3

Left: -157.333 $\pm$ 0.072 χ^2/NDF : 50508.8/9

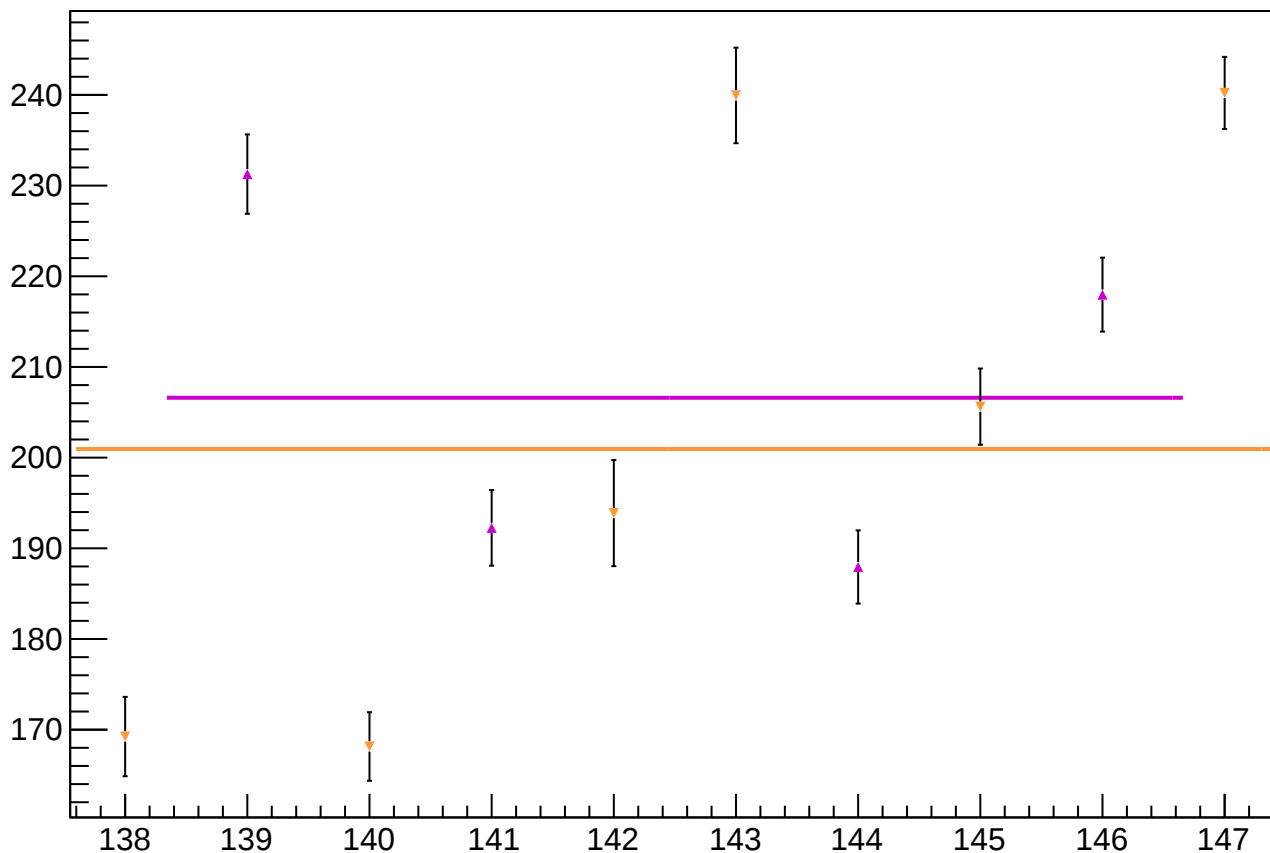
Right: -54.479 $\pm$ 0.050 χ^2/NDF : 2198961.2/35

In: -83.427 $\pm$ 0.059 χ^2/NDF : 1883316.3/20

Out: -92.852 $\pm$ 0.057 χ^2/NDF : 1730855.9/24

All: -88.326 $\pm$ 0.041 χ^2/NDF : 3627251.4/45

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: 200.955+/-1.804 χ^2/NDF :282.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.604+/-2.080 χ^2/NDF :72.7/3

Left: 203.380+/-1.363 χ^2/NDF : 359.8/9

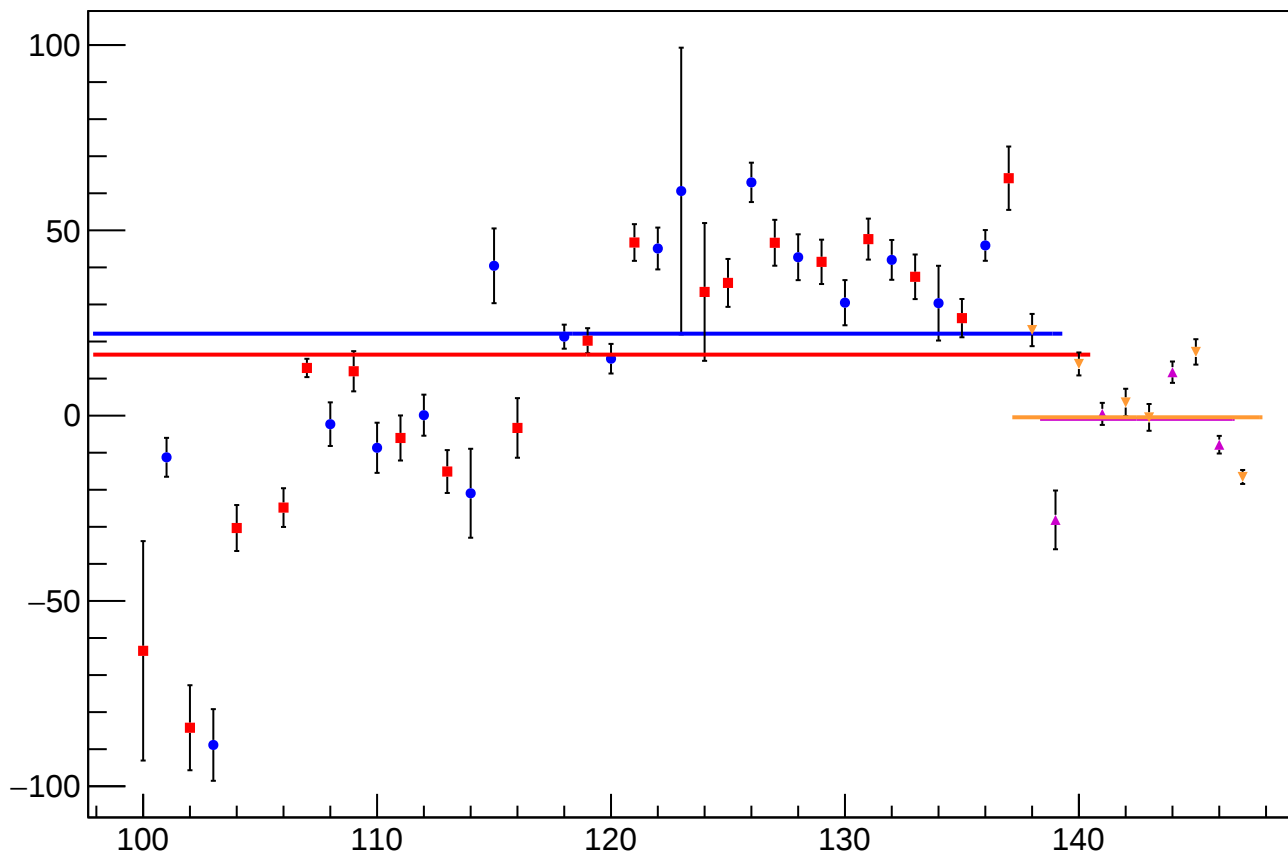
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.604+/-2.080 χ^2/NDF :72.7/3

Out: 200.955+/-1.804 χ^2/NDF :282.9/5

All: 203.380+/-1.363 χ^2/NDF : 359.8/9

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -0.445 ± 1.219 $\chi^2/\text{NDF}: 151.5/5$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -0.863 ± 1.532 $\chi^2/\text{NDF}: 39.7/3$

Left: -0.607 ± 0.954 $\chi^2/\text{NDF}: 191.3/9$

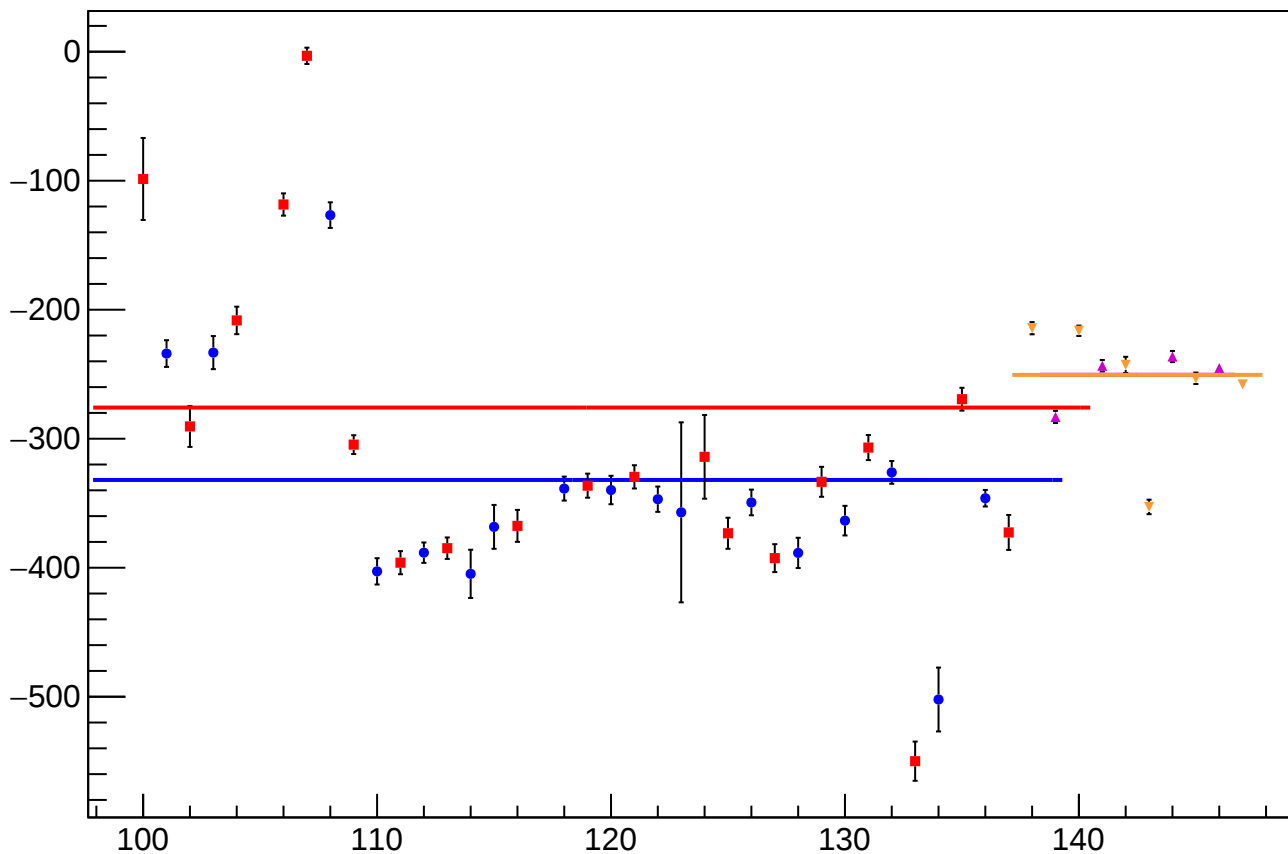
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 11.855 ± 1.024 $\chi^2/\text{NDF}: 546.2/20$

Out: 7.945 ± 0.865 $\chi^2/\text{NDF}: 671.2/24$

All: 9.573 ± 0.661 $\chi^2/\text{NDF}: 1225.9/45$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -250.524 $\pm$ 1.869 χ^2 /NDF:468.4/5

Right Out: -275.853 $\pm$ 2.323 χ^2 /NDF: 3361.7/18

Left In: -250.441 $\pm$ 2.157 χ^2 /NDF:62.6/3

Left: -250.489 $\pm$ 1.412 χ^2 /NDF: 530.9/9

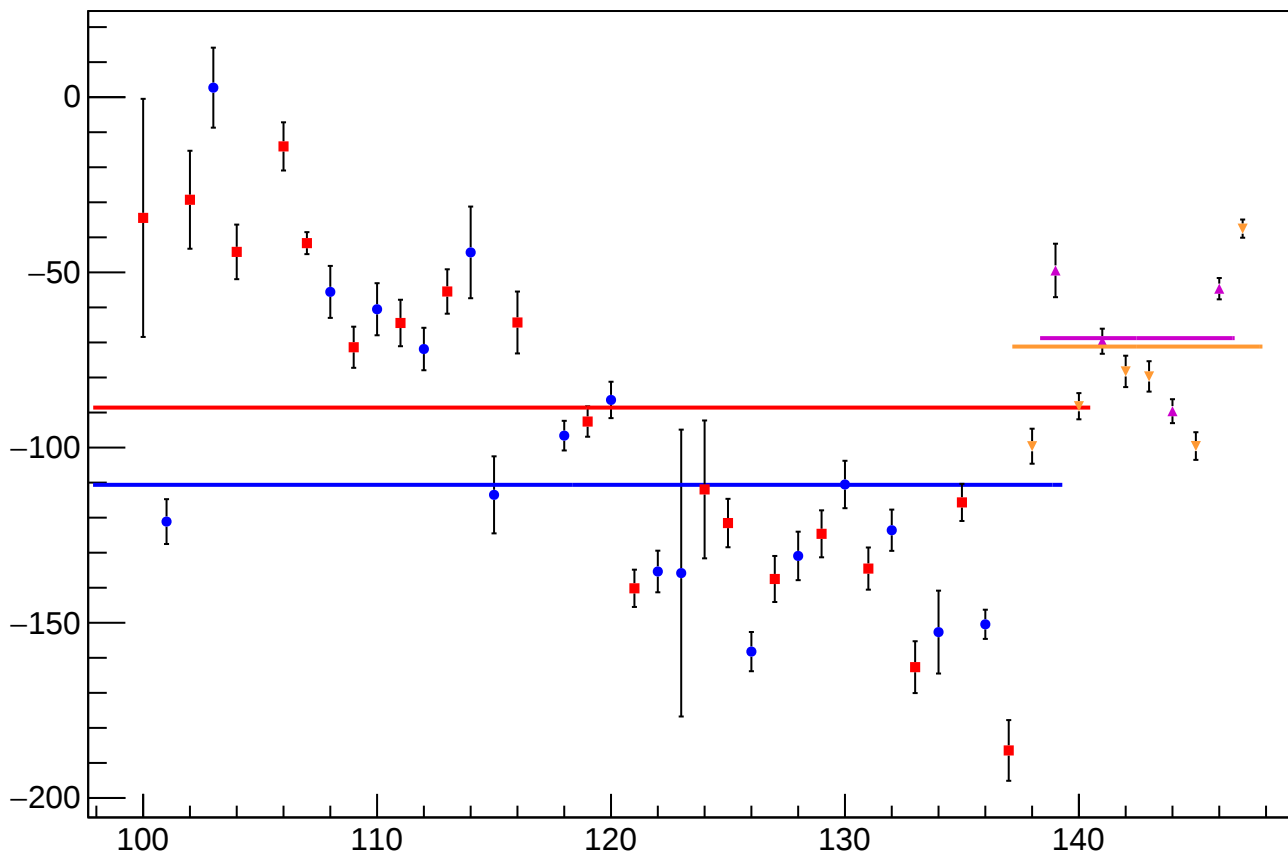
Right: -301.110 $\pm$ 1.723 χ^2 /NDF: 4409.7/35

In: -284.174 $\pm$ 1.652 χ^2 /NDF:1439.0/20

Out: -260.475 $\pm$ 1.456 χ^2 /NDF:3902.2/24

All: -270.840 $\pm$ 1.092 χ^2 /NDF: 5457.0/45

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -71.172+/-1.530 χ^2/NDF : 279.1/5

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -68.765+/-1.860 χ^2/NDF : 65.3/3

Left: -70.200+/-1.182 χ^2/NDF : 345.3/9

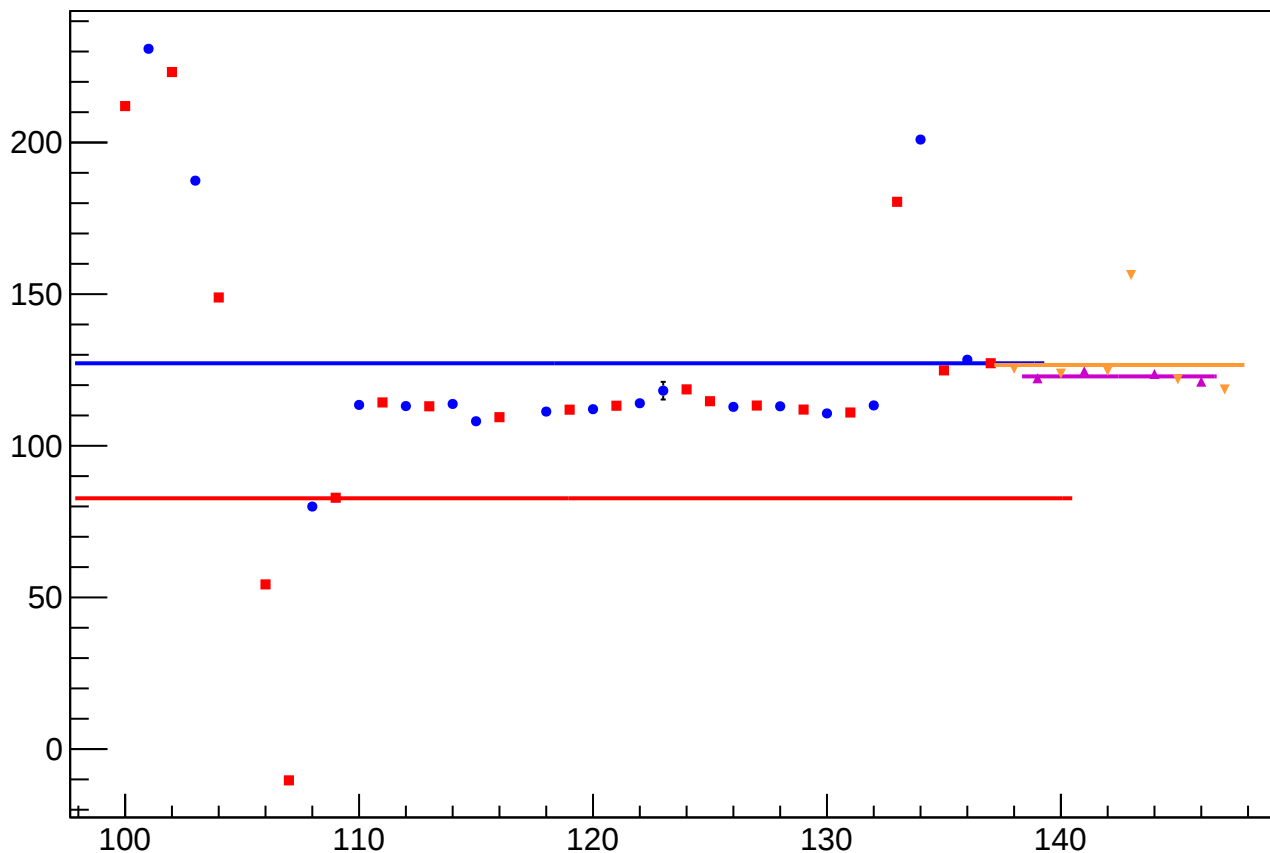
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -93.073+/-1.205 χ^2/NDF : 868.2/20

Out: -80.450+/-1.046 χ^2/NDF : 1314.6/24

All: -85.876+/-0.790 χ^2/NDF : 2245.4/45

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: 126.649 $\pm$ 0.079 χ^2 /NDF:20410.1/5

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 122.883 $\pm$ 0.089 χ^2 /NDF:215.8/3

Left: 125.000 $\pm$ 0.059 χ^2 /NDF: 21627.1/9

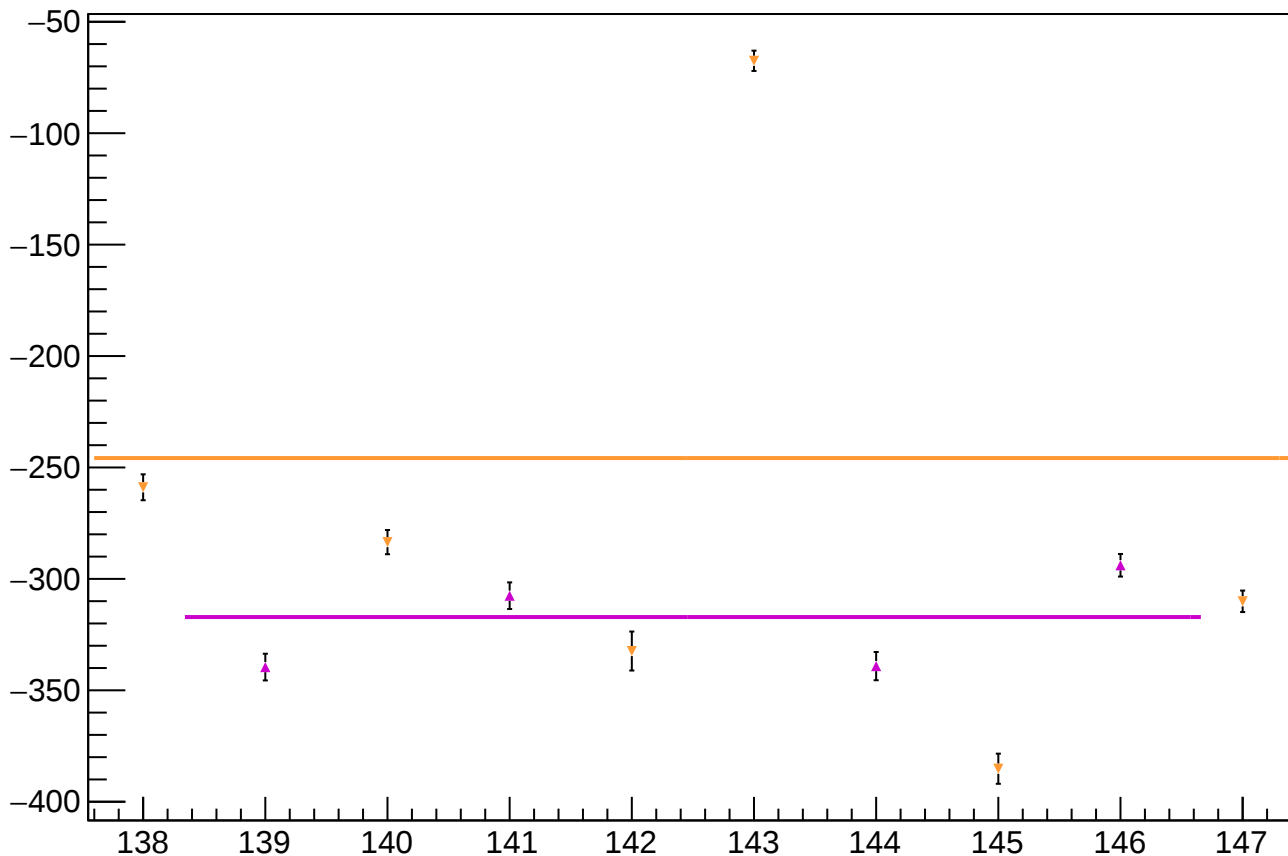
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 125.046 $\pm$ 0.063 χ^2 /NDF:189416.3/20

Out: 103.681 $\pm$ 0.054 χ^2 /NDF:948927.8/24

All: 112.801 $\pm$ 0.041 χ^2 /NDF: 1204146.6/45

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -245.780+/-2.296 χ^2/NDF :2289.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -317.124+/-2.891 χ^2/NDF :49.7/3

Left: -273.373+/-1.798 χ^2/NDF : 2712.5/9

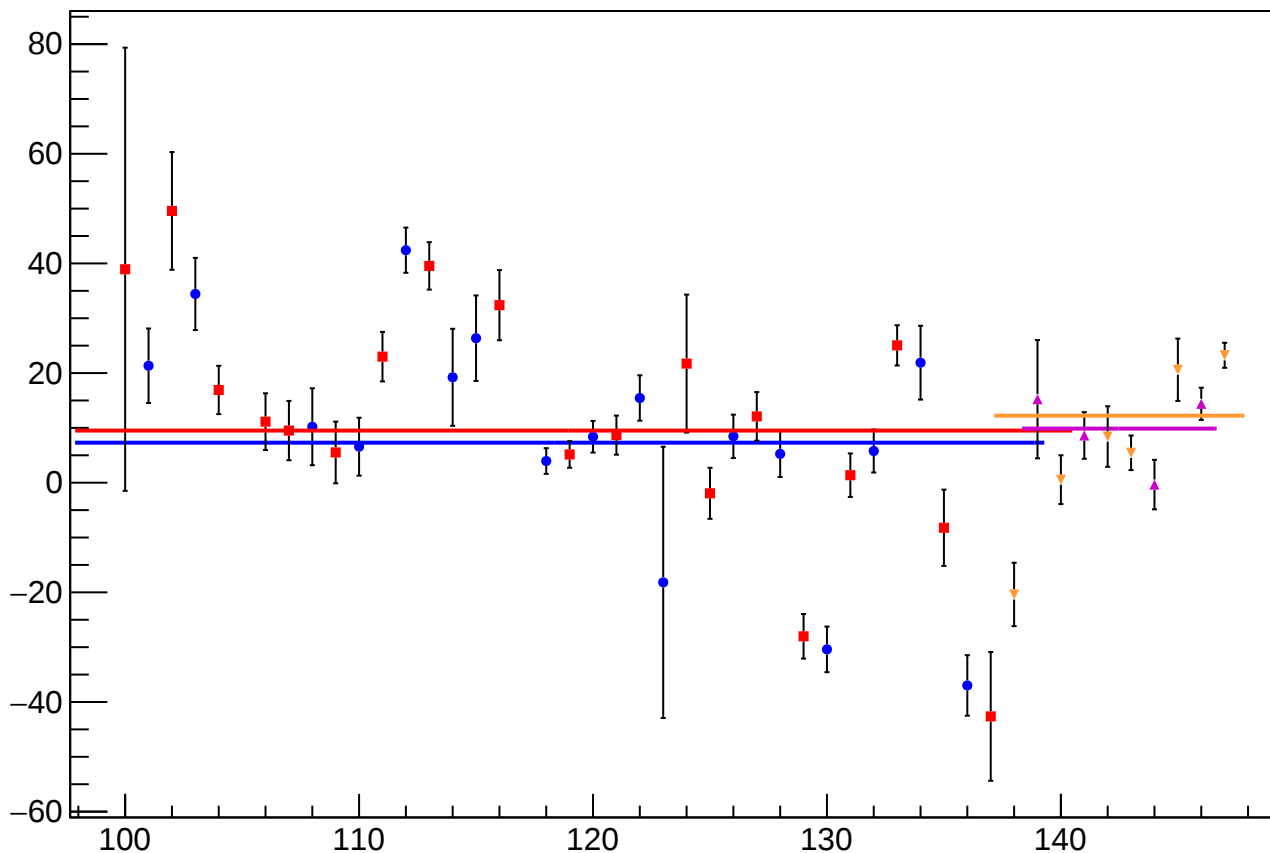
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -317.124+/-2.891 χ^2/NDF :49.7/3

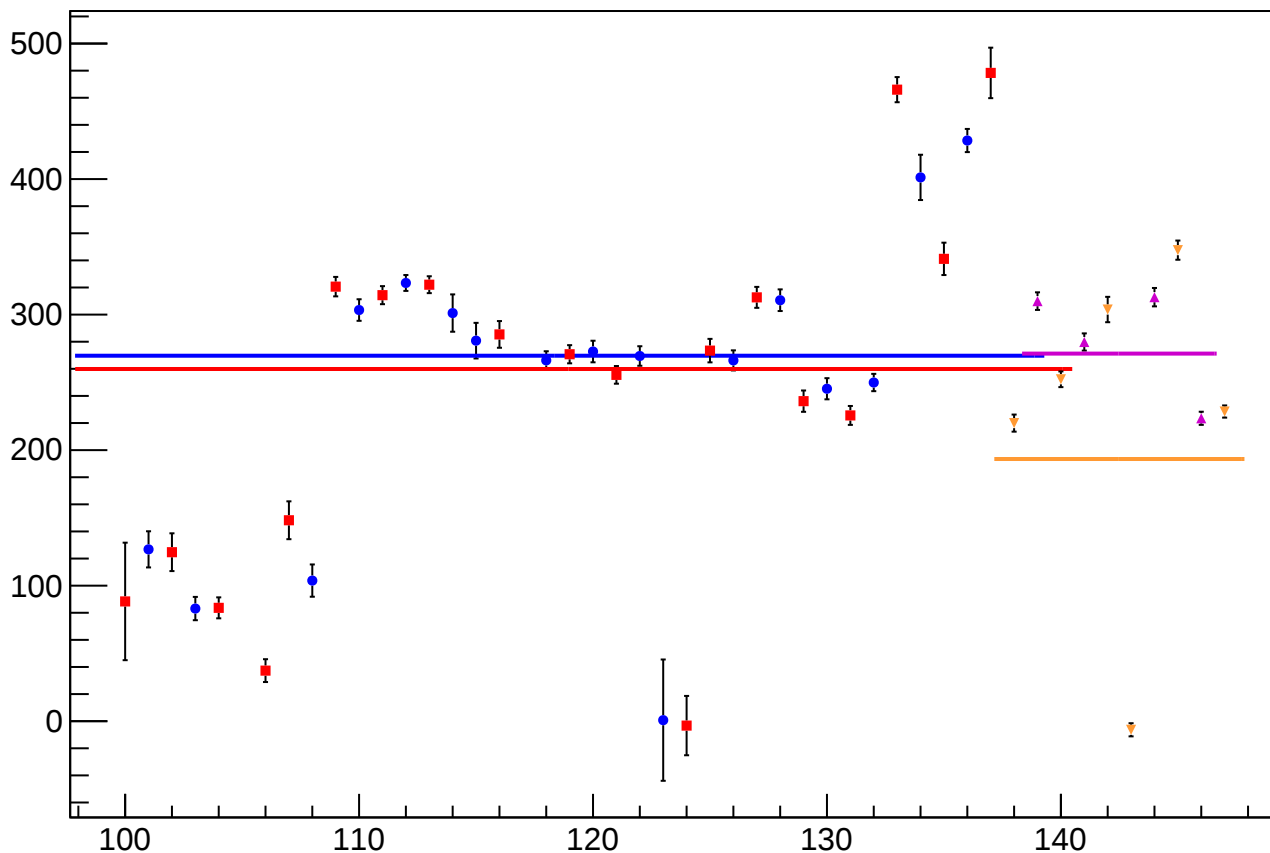
Out: -245.780+/-2.296 χ^2/NDF :2289.4/5

All: -273.373+/-1.798 χ^2/NDF : 2712.5/9

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 193.457 $\pm$ 2.369 χ^2 /NDF:2488.9/5

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 271.228 $\pm$ 2.976 χ^2 /NDF:172.2/3

Left: 223.621 $\pm$ 1.853 χ^2 /NDF: 3079.2/9

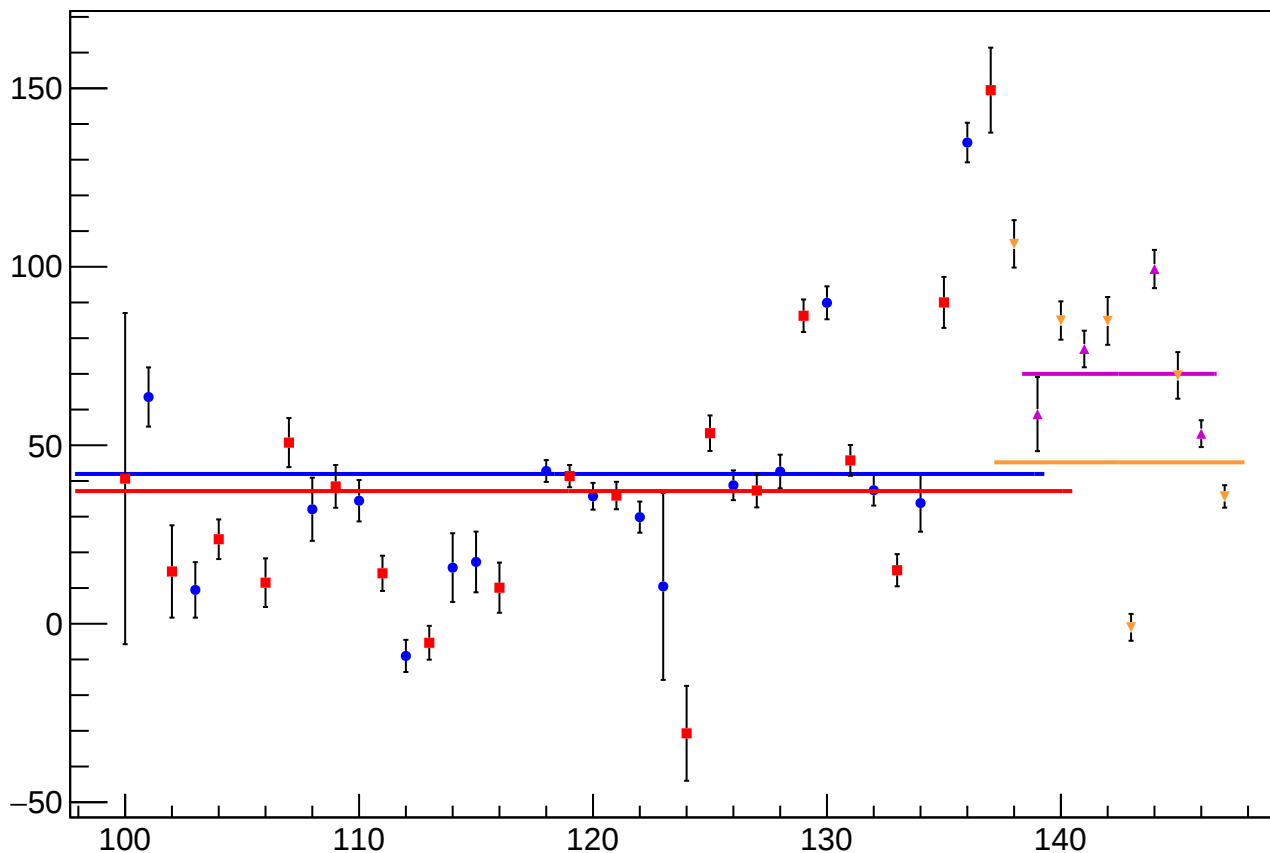
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 270.176 $\pm$ 1.703 χ^2 /NDF:1549.0/20

Out: 232.609 $\pm$ 1.518 χ^2 /NDF:5495.9/24

All: 249.242 $\pm$ 1.133 χ^2 /NDF: 7316.2/45

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 45.221 $\pm$ 1.909 χ^2 /NDF: 348.1/5

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 70.010 $\pm$ 2.558 χ^2 /NDF: 52.9/3

Left: 54.090 $\pm$ 1.530 χ^2 /NDF: 461.3/9

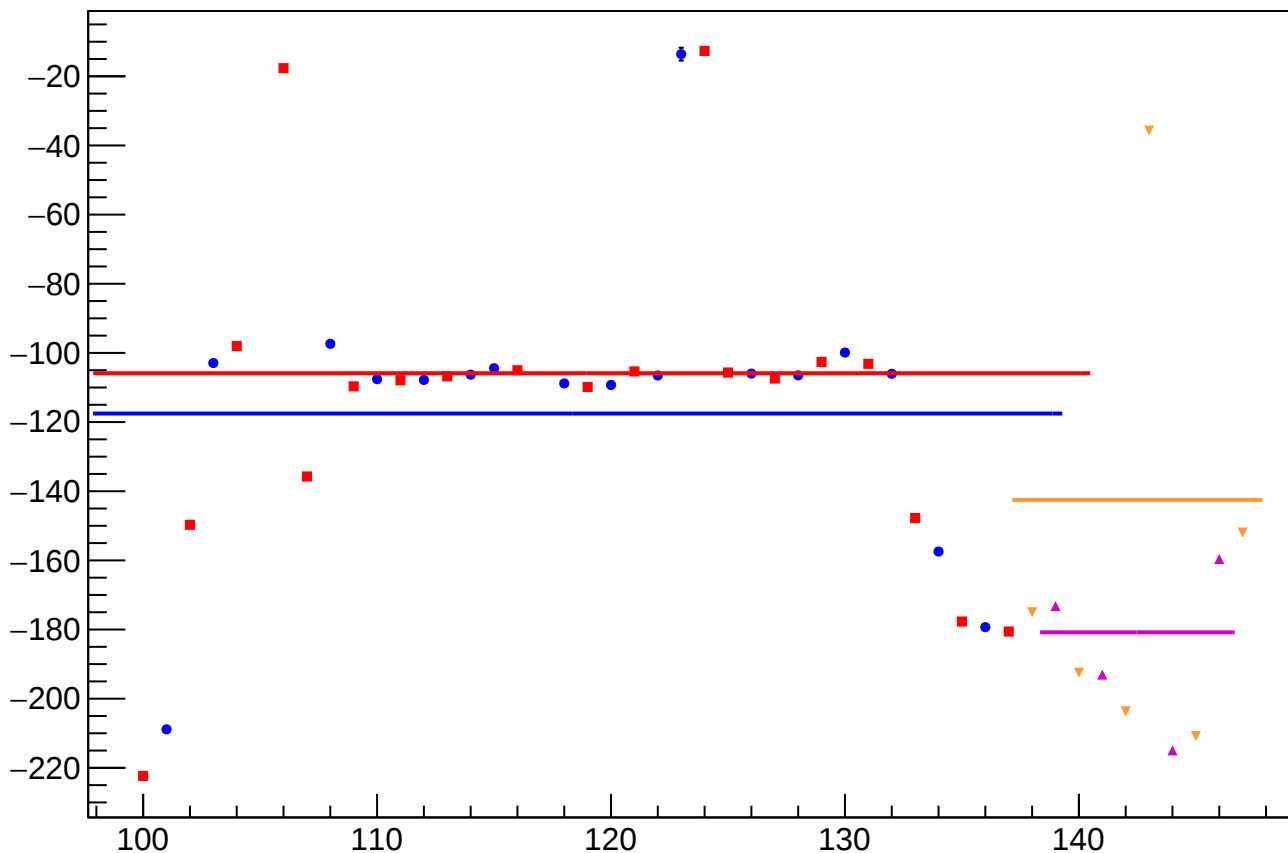
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 47.424 $\pm$ 1.129 χ^2 /NDF: 724.0/20

Out: 39.549 $\pm$ 1.037 χ^2 /NDF: 831.5/24

All: 43.154 $\pm$ 0.764 χ^2 /NDF: 1581.9/45

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: -142.516 ± 0.100 χ^2/NDF : 444041.9/5

Right Out: -105.868 ± 0.073 χ^2/NDF : 324319.1/18

Left In: -180.805 ± 0.123 χ^2/NDF : 25596.3/3

Left: -157.697 ± 0.078 χ^2/NDF : 527751.9/9

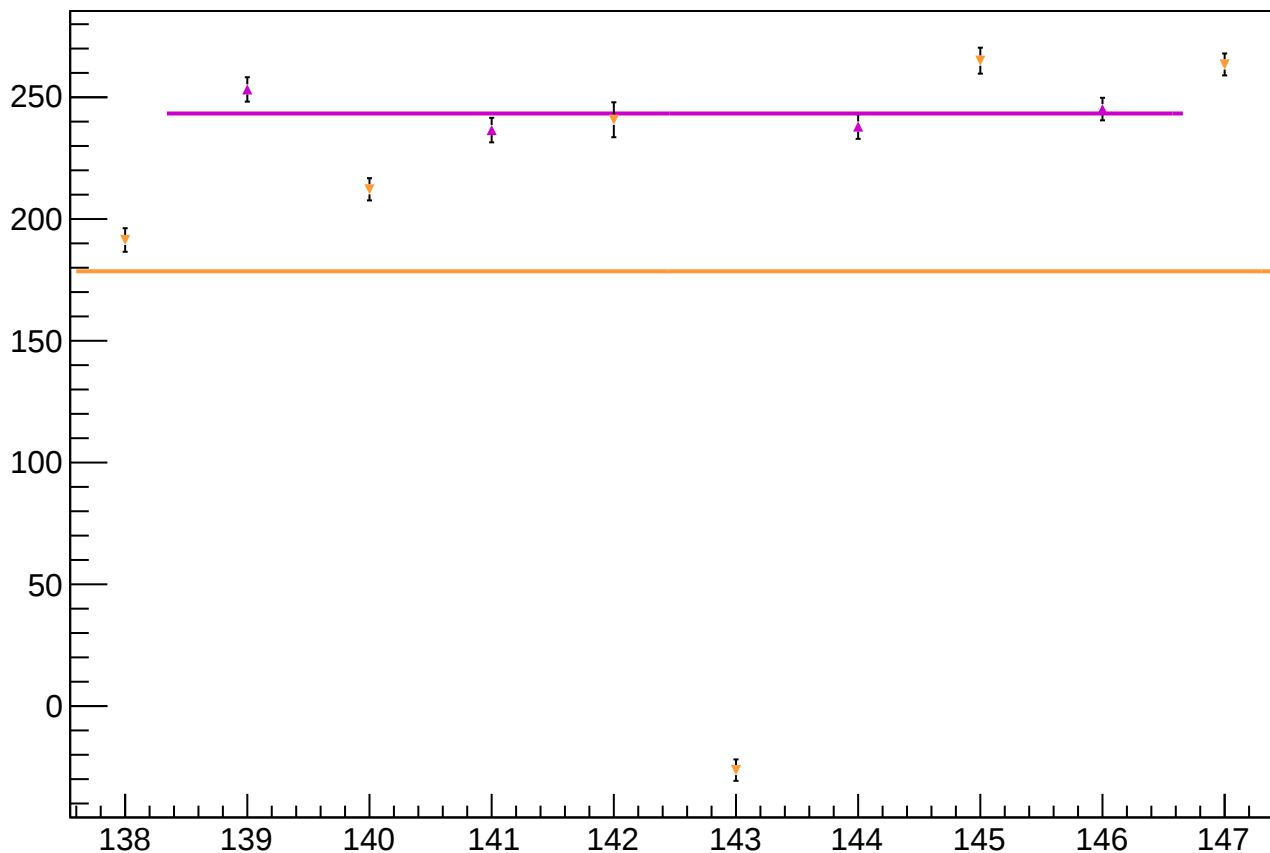
Right: -111.288 ± 0.053 χ^2/NDF : 478296.7/35

In: -135.639 ± 0.066 χ^2/NDF : 355335.7/20

Out: -118.555 ± 0.059 χ^2/NDF : 856156.2/24

All: -126.121 ± 0.044 χ^2/NDF : 1248816.8/45

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: 178.530+/-2.015 χ^2/NDF :2927.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 243.338+/-2.462 χ^2/NDF :7.0/3

Left: 204.539+/-1.559 χ^2/NDF : 3349.4/9

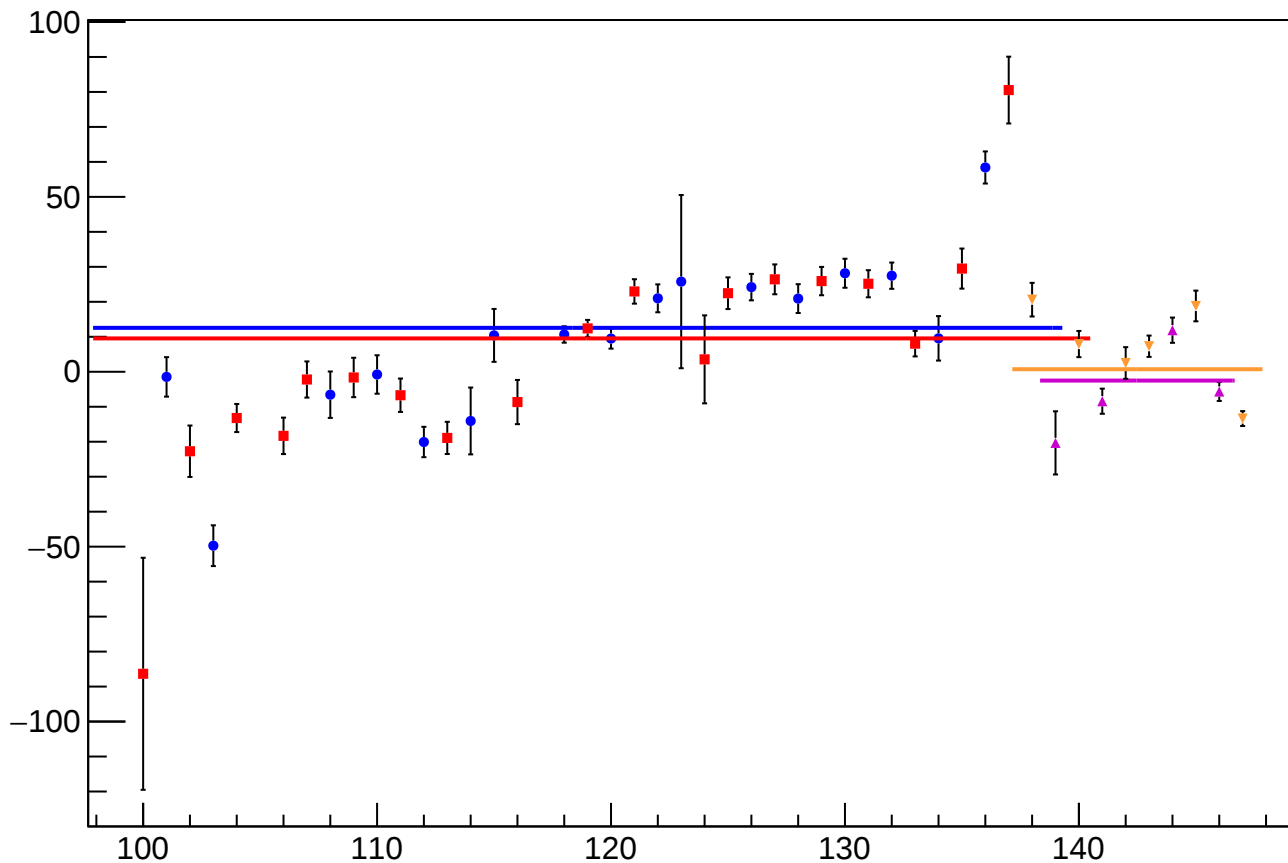
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.338+/-2.462 χ^2/NDF :7.0/3

Out: 178.530+/-2.015 χ^2/NDF :2927.5/5

All: 204.539+/-1.559 χ^2/NDF : 3349.4/9

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: 0.729+/-1.357 χ^2/NDF : 86.4/5

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -2.514+/-1.814 χ^2/NDF : 23.9/3

Left: -0.435+/-1.087 χ^2/NDF : 112.3/9

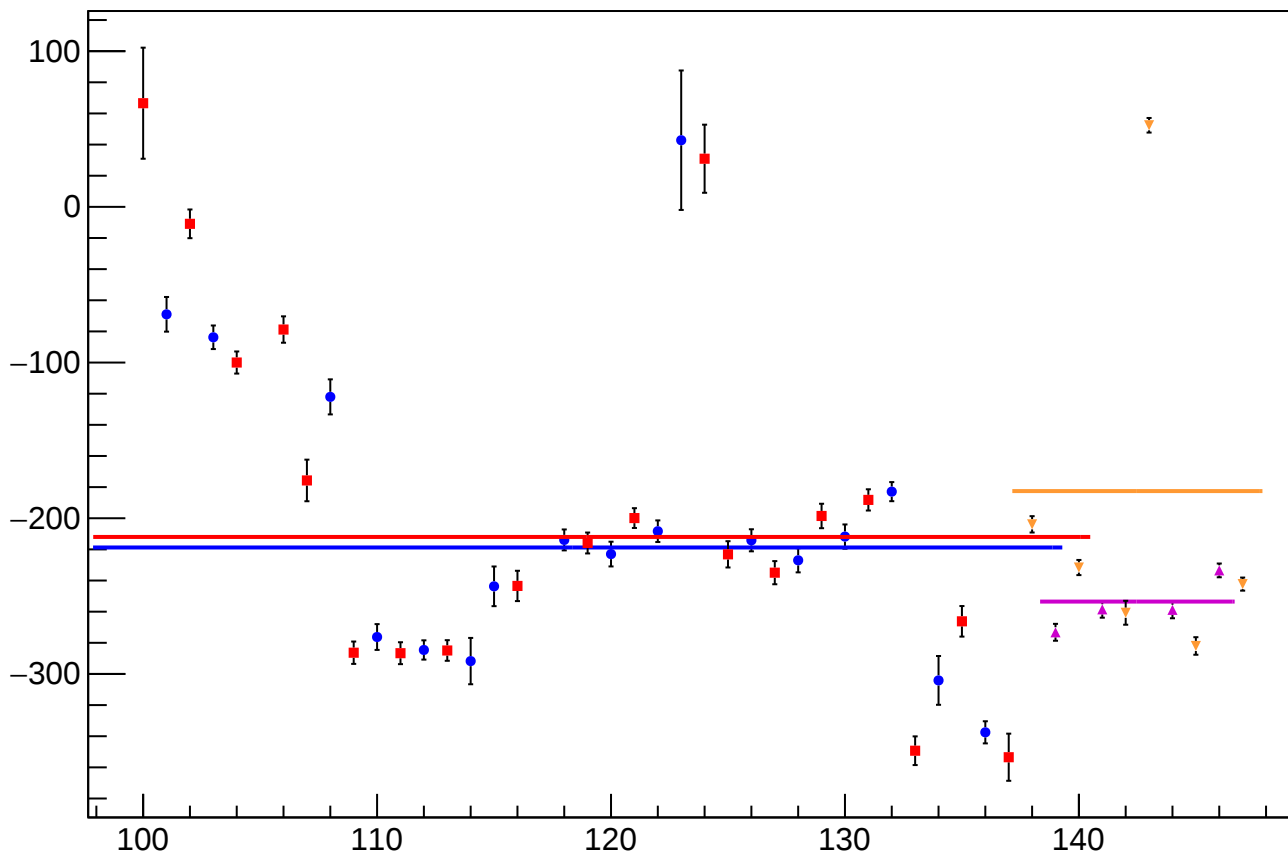
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 8.735+/-0.914 χ^2/NDF : 424.0/20

Out: 6.243+/-0.830 χ^2/NDF : 408.5/24

All: 7.370+/-0.614 χ^2/NDF : 836.6/45

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: -182.550 ± 2.089 $\chi^2/\text{NDF}: 3247.4/5$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -253.521 ± 2.547 $\chi^2/\text{NDF}: 35.6/3$

Left: -211.094 ± 1.615 $\chi^2/\text{NDF}: 3747.0/9$

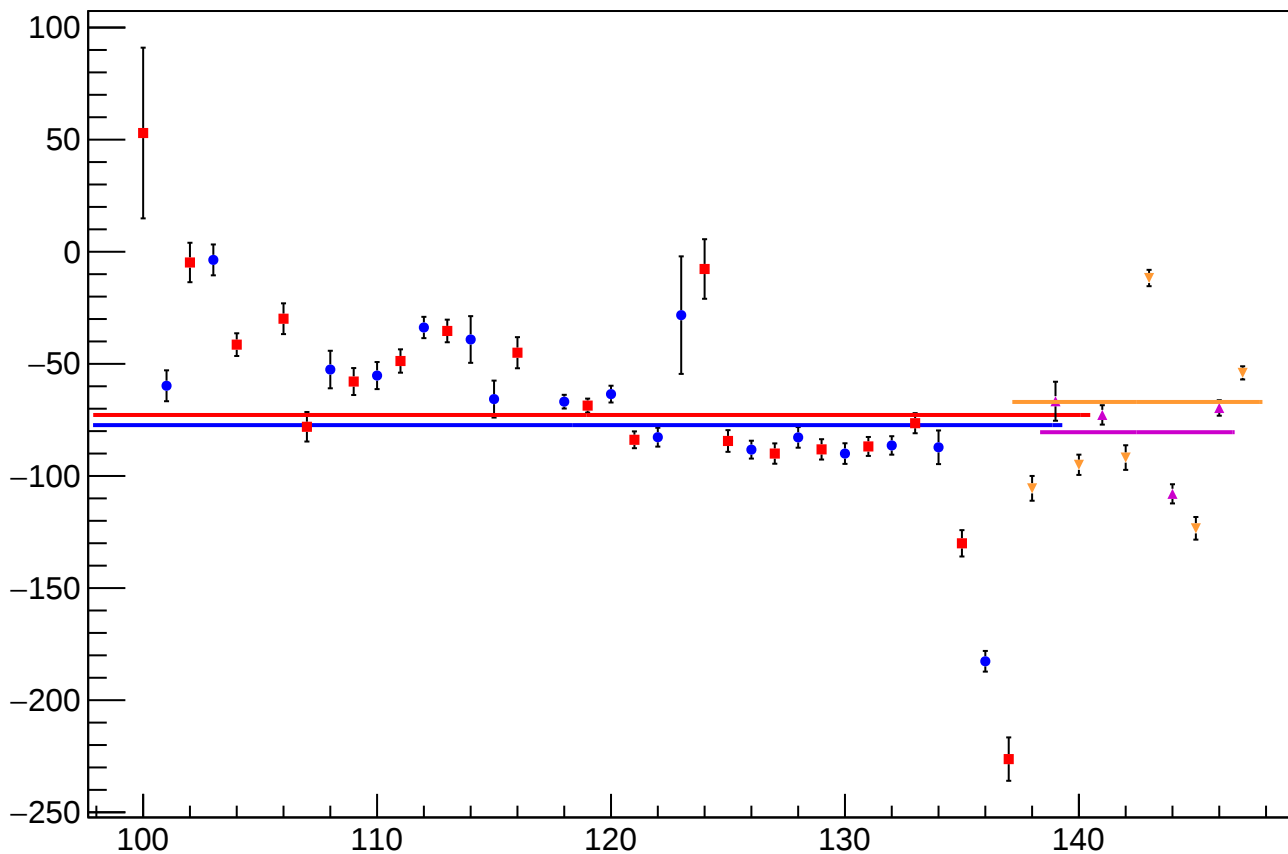
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -232.106 ± 1.578 $\chi^2/\text{NDF}: 1294.7/20$

Out: -198.493 ± 1.415 $\chi^2/\text{NDF}: 5240.6/24$

All: -213.476 ± 1.054 $\chi^2/\text{NDF}: 6786.8/45$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -66.988 ± 1.702 χ^2/NDF : 481.8/5

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.479 ± 2.207 χ^2/NDF : 56.8/3

Left: -72.021 ± 1.348 χ^2/NDF : 562.1/9

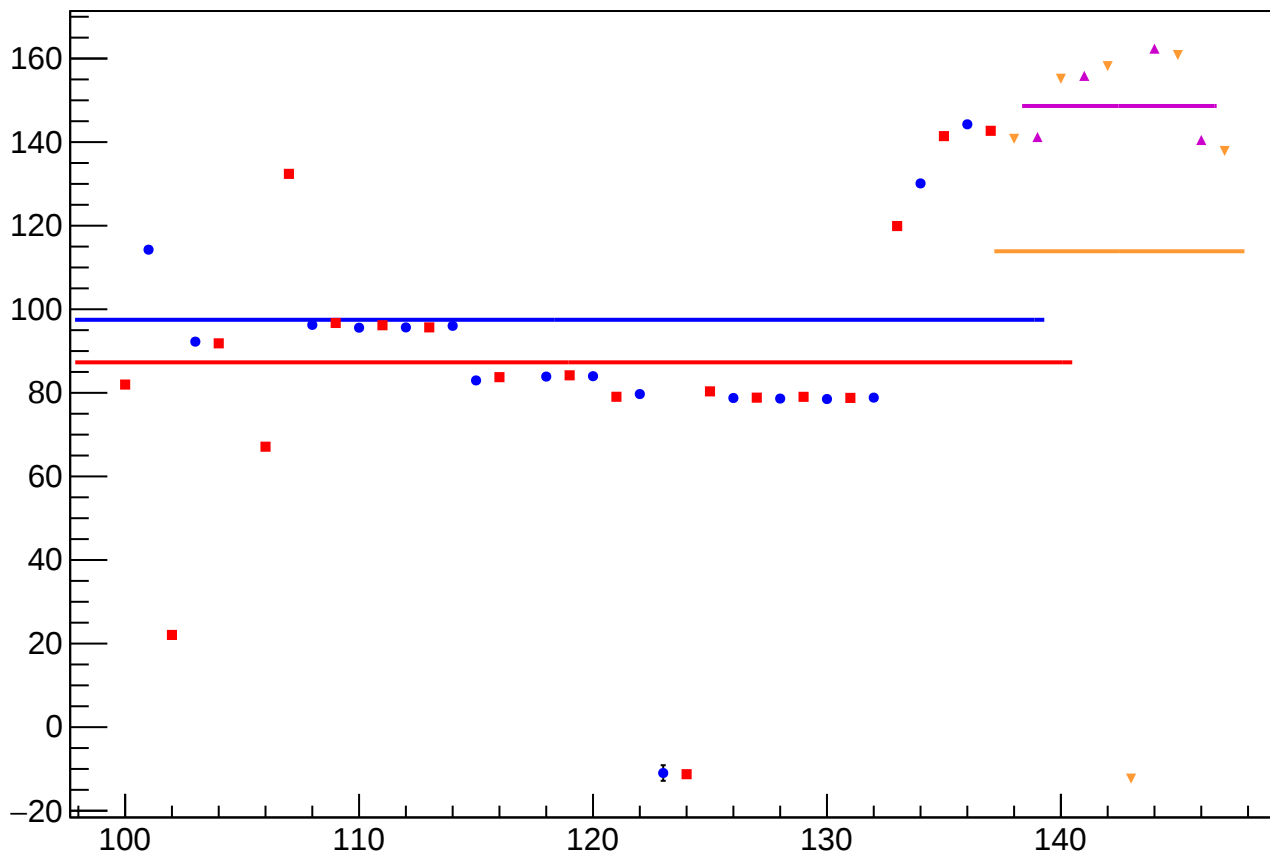
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.061 ± 1.069 χ^2/NDF : 876.1/20

Out: -70.852 ± 0.985 χ^2/NDF : 1161.3/24

All: -74.161 ± 0.724 χ^2/NDF : 2062.0/45

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: 113.881+/-0.088 χ^2/NDF : 583959.4/5

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 148.647+/-0.105 χ^2/NDF : 7569.7/3

Left: 128.170+/-0.067 χ^2/NDF : 655949.4/9

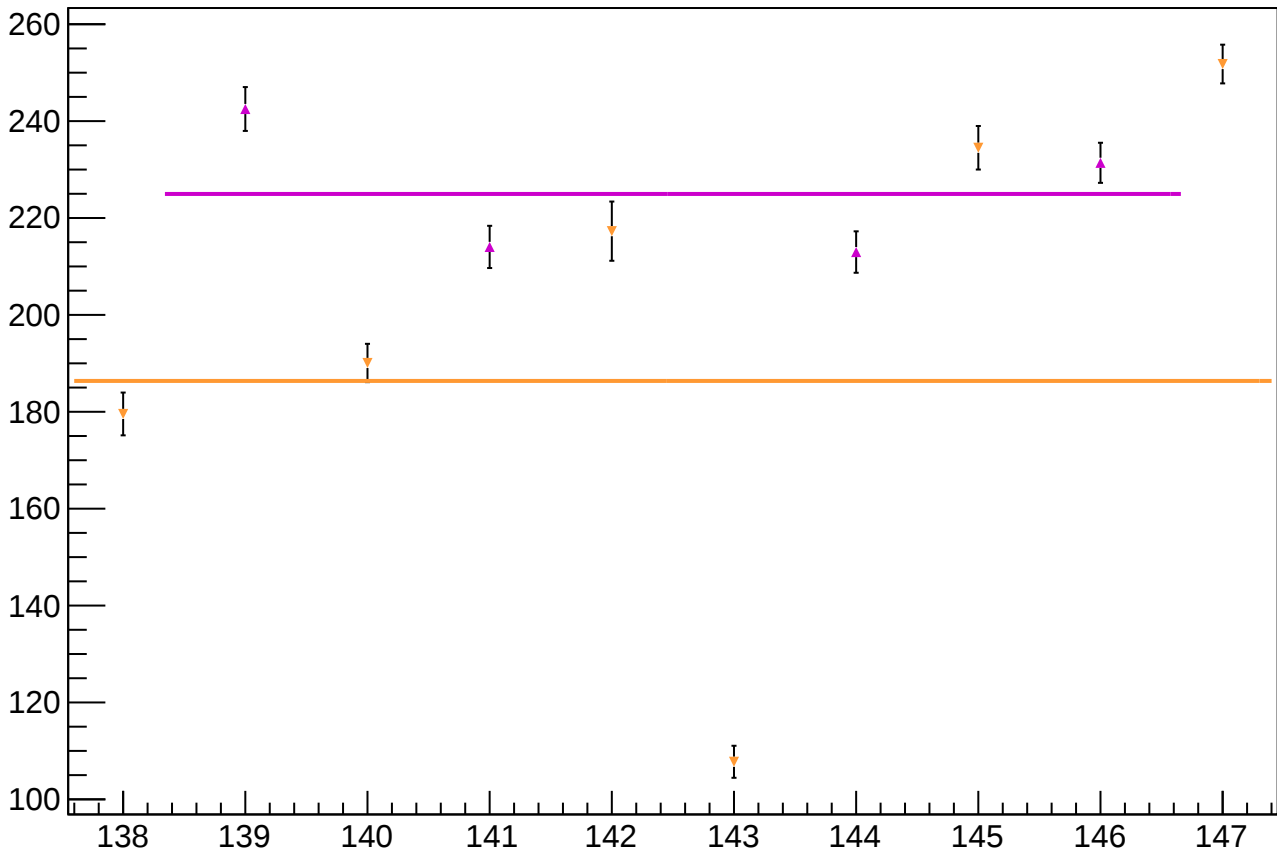
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 114.241+/-0.060 χ^2/NDF : 261258.7/20

Out: 97.304+/-0.054 χ^2/NDF : 862984.4/24

All: 104.841+/-0.040 χ^2/NDF : 1168230.3/45

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: 186.370+/-1.701 χ^2/NDF :976.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 224.966+/-2.159 χ^2/NDF :31.6/3

Left: 201.152+/-1.336 χ^2/NDF : 1205.6/9

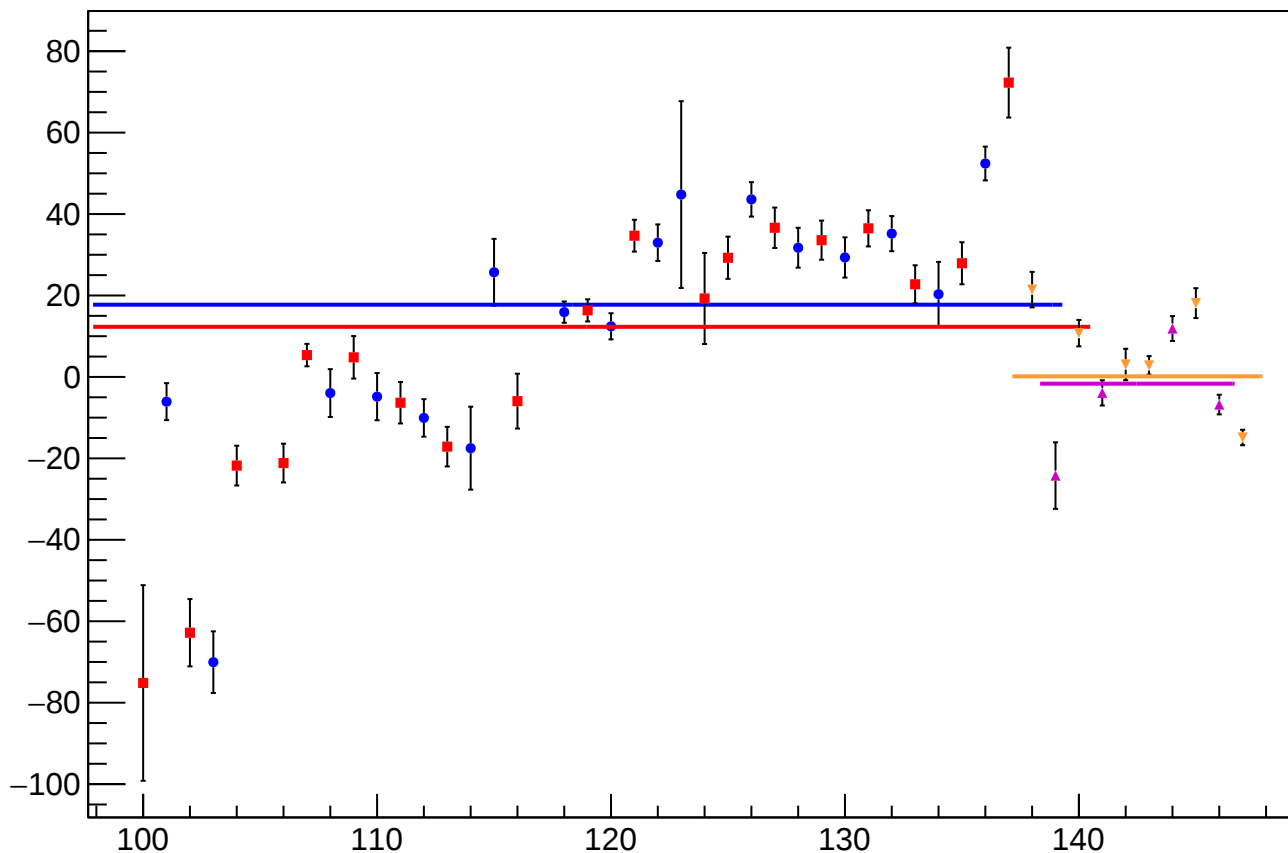
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 224.966+/-2.159 χ^2/NDF :31.6/3

Out: 186.370+/-1.701 χ^2/NDF :976.8/5

All: 201.152+/-1.336 χ^2/NDF : 1205.6/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 0.143 ± 1.146 $\chi^2/\text{NDF}: 123.6/5$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -1.656 ± 1.585 $\chi^2/\text{NDF}: 32.4/3$

Left: -0.475 ± 0.929 $\chi^2/\text{NDF}: 156.8/9$

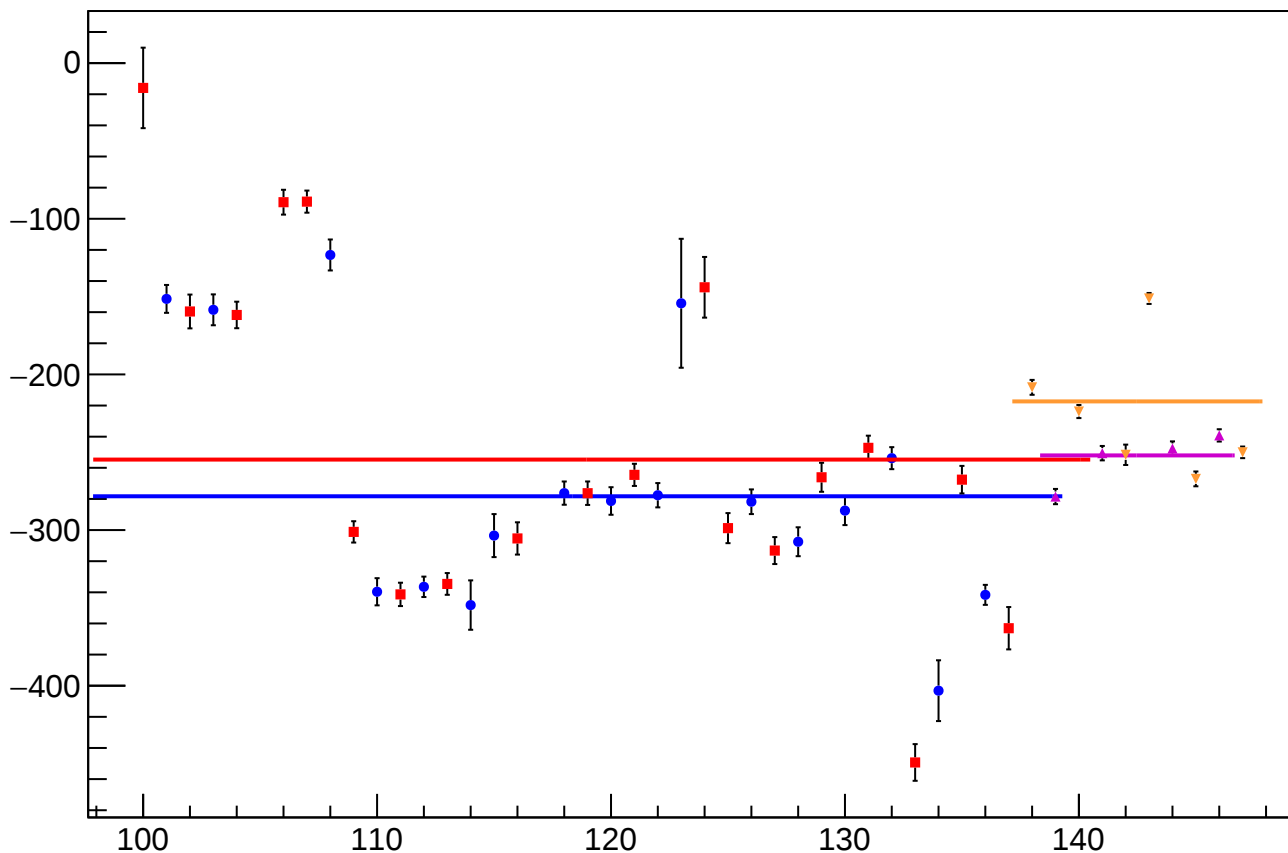
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 11.062 ± 0.930 $\chi^2/\text{NDF}: 524.5/20$

Out: 6.563 ± 0.788 $\chi^2/\text{NDF}: 625.4/24$

All: 8.442 ± 0.601 $\chi^2/\text{NDF}: 1163.6/45$

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: -217.340 ± 1.768 $\chi^2/\text{NDF}: 571.6/5$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -252.035 ± 2.236 $\chi^2/\text{NDF}: 40.7/3$

Left: -230.687 ± 1.387 $\chi^2/\text{NDF}: 760.4/9$

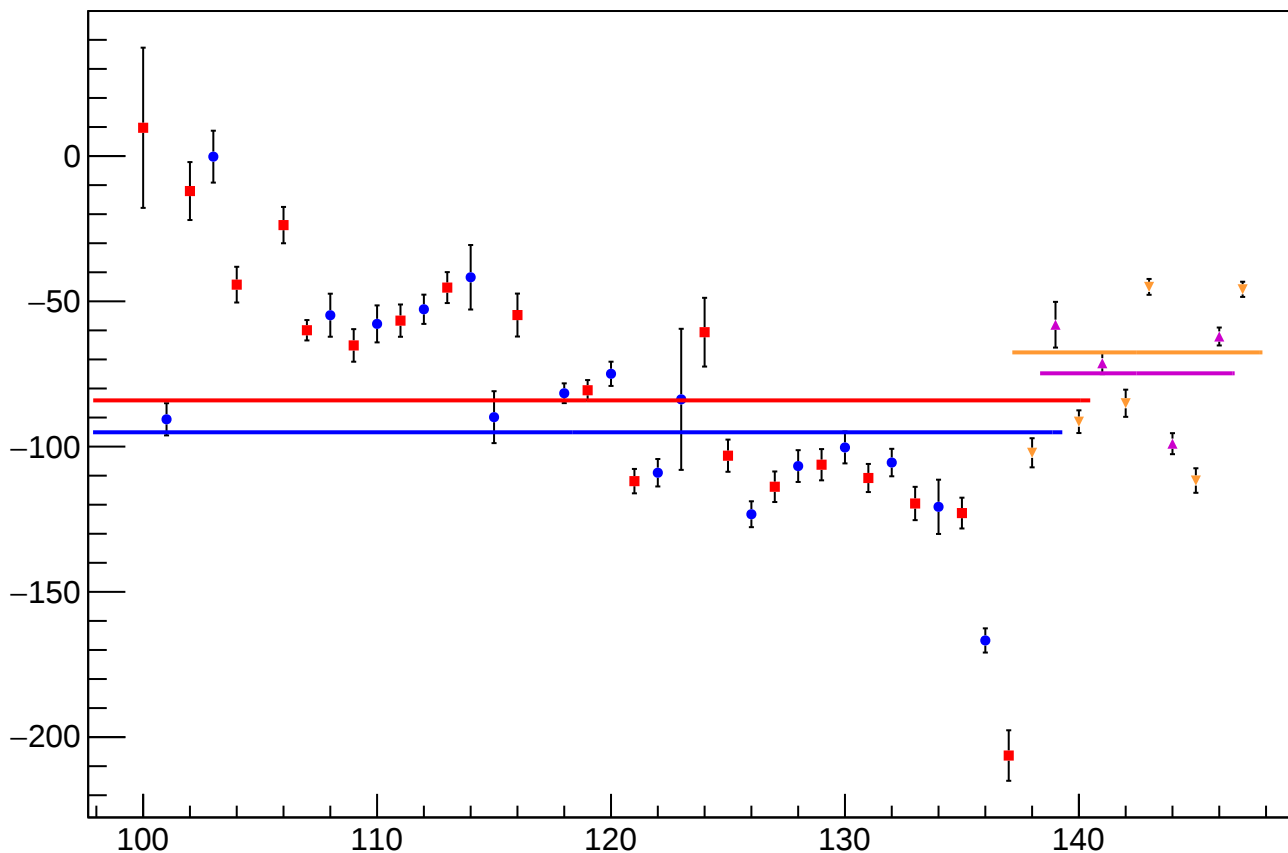
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -265.547 ± 1.558 $\chi^2/\text{NDF}: 1021.6/20$

Out: -233.567 ± 1.330 $\chi^2/\text{NDF}: 2803.5/24$

All: -247.048 ± 1.012 $\chi^2/\text{NDF}: 4068.8/45$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -67.579 ± 1.432 $\chi^2/\text{NDF}: 345.2/5$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -74.778 ± 1.928 $\chi^2/\text{NDF}: 67.0/3$

Left: -70.138 ± 1.149 $\chi^2/\text{NDF}: 421.2/9$

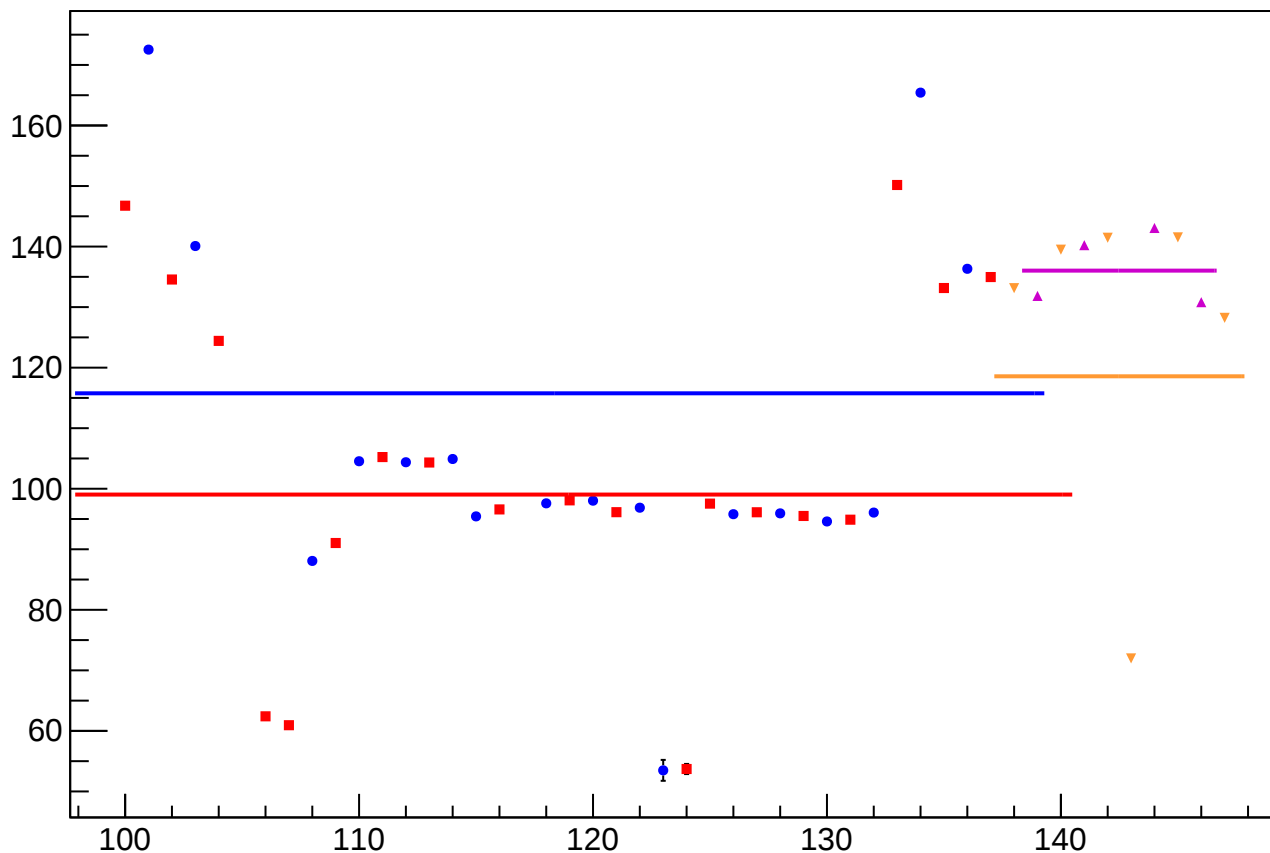
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -88.560 ± 1.092 $\chi^2/\text{NDF}: 815.5/20$

Out: -76.905 ± 0.945 $\chi^2/\text{NDF}: 1200.7/24$

All: -81.893 ± 0.714 $\chi^2/\text{NDF}: 2081.4/45$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 118.571+/-0.074 χ^2/NDF :152277.5/5

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 136.027+/-0.093 χ^2/NDF :3144.2/3

Left: 125.392+/-0.058 χ^2/NDF : 177108.2/9

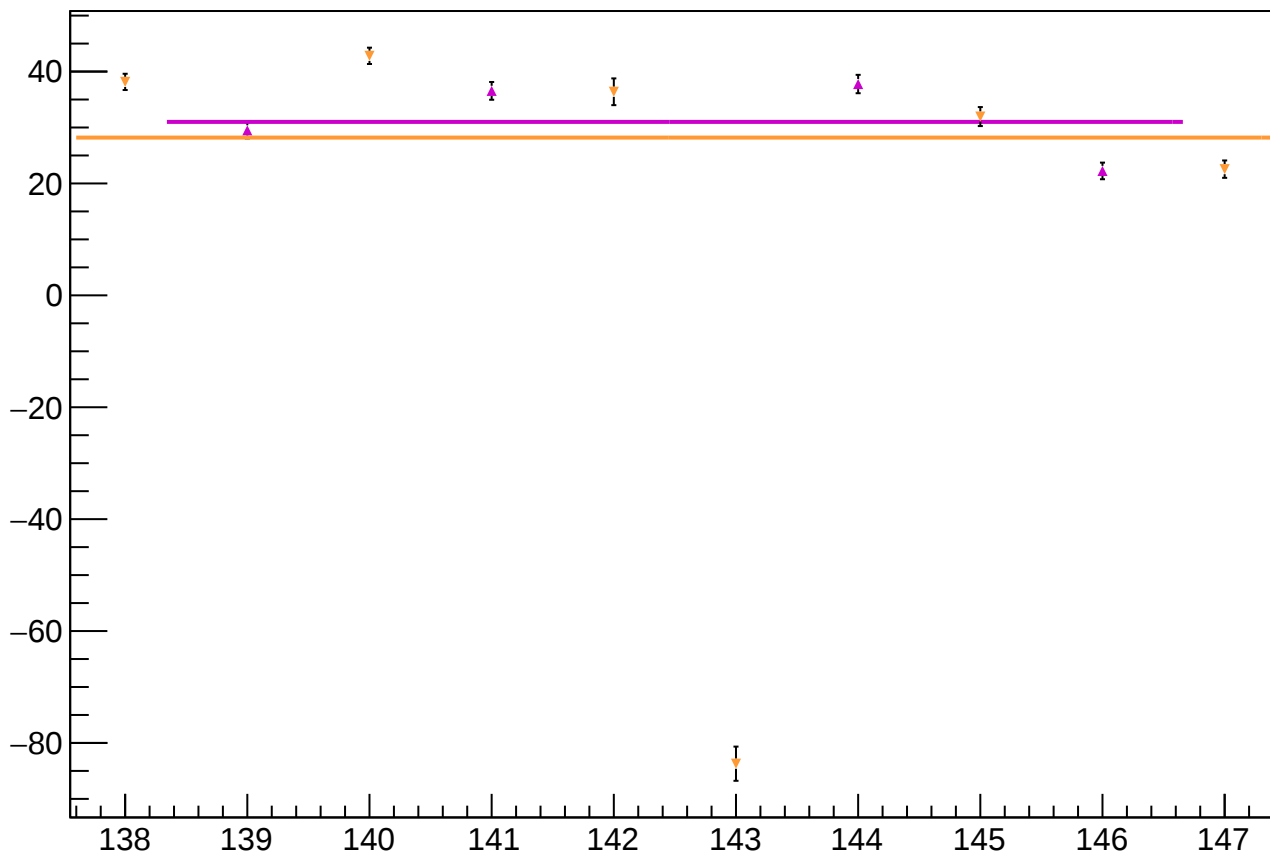
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 124.192+/-0.060 χ^2/NDF :137456.9/20

Out: 108.035+/-0.050 χ^2/NDF :363235.9/24

All: 114.745+/-0.038 χ^2/NDF : 543561.0/45

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: 28.198+/-0.709 χ^2/NDF :1518.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 31.000+/-0.765 χ^2/NDF :65.1/3

Left: 29.493+/-0.520 χ^2/NDF : 1590.7/9

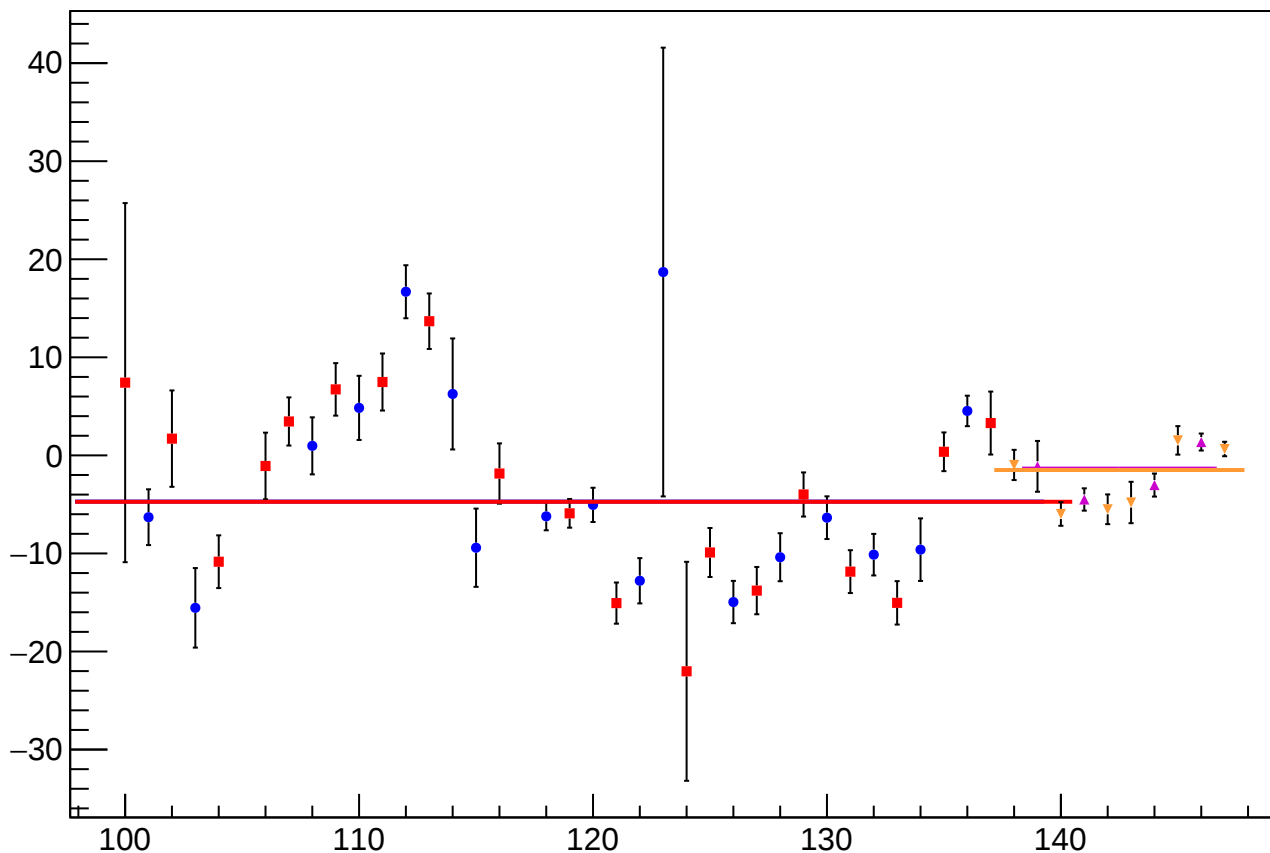
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.000+/-0.765 χ^2/NDF :65.1/3

Out: 28.198+/-0.709 χ^2/NDF :1518.4/5

All: 29.493+/-0.520 χ^2/NDF : 1590.7/9

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -1.491 ± 0.495 $\chi^2/\text{NDF}: 36.2/5$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -1.351 ± 0.579 $\chi^2/\text{NDF}: 19.5/3$

Left: -1.432 ± 0.376 $\chi^2/\text{NDF}: 55.7/9$

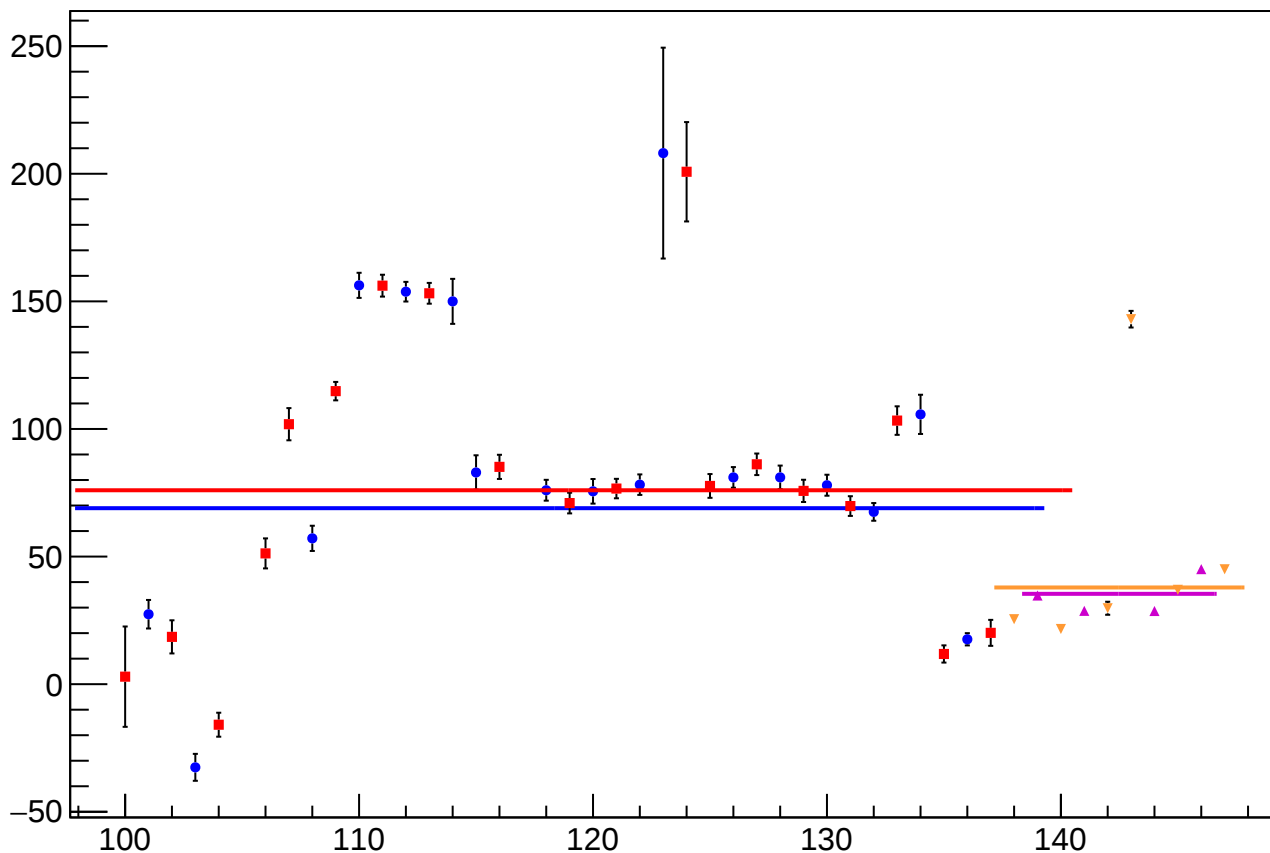
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -3.028 ± 0.410 $\chi^2/\text{NDF}: 211.0/20$

Out: -2.843 ± 0.378 $\chi^2/\text{NDF}: 243.8/24$

All: -2.928 ± 0.278 $\chi^2/\text{NDF}: 454.9/45$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 37.891 $\pm$ 0.734 χ^2 /NDF:1246.9/5

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 35.401 $\pm$ 0.794 χ^2 /NDF:76.8/3

Left: 36.744 $\pm$ 0.539 χ^2 /NDF: 1329.0/9

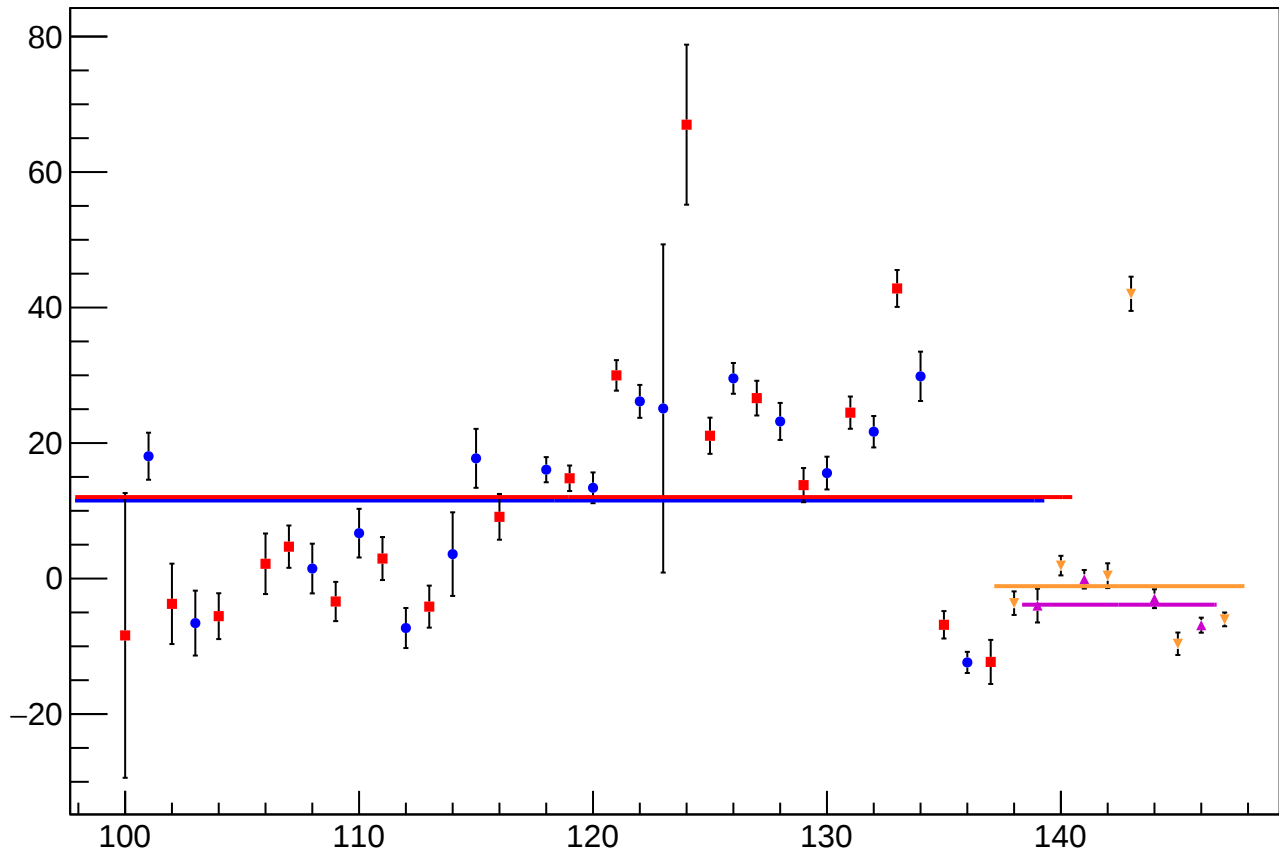
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 47.190 $\pm$ 0.639 χ^2 /NDF:2548.4/20

Out: 50.080 $\pm$ 0.605 χ^2 /NDF:4004.4/24

All: 48.715 $\pm$ 0.439 χ^2 /NDF: 6563.6/45

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -1.123+/-0.620 χ^2/NDF : 348.9/5

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: -3.857+/-0.702 χ^2/NDF : 15.4/3

Left: -2.321+/-0.465 χ^2/NDF : 372.8/9

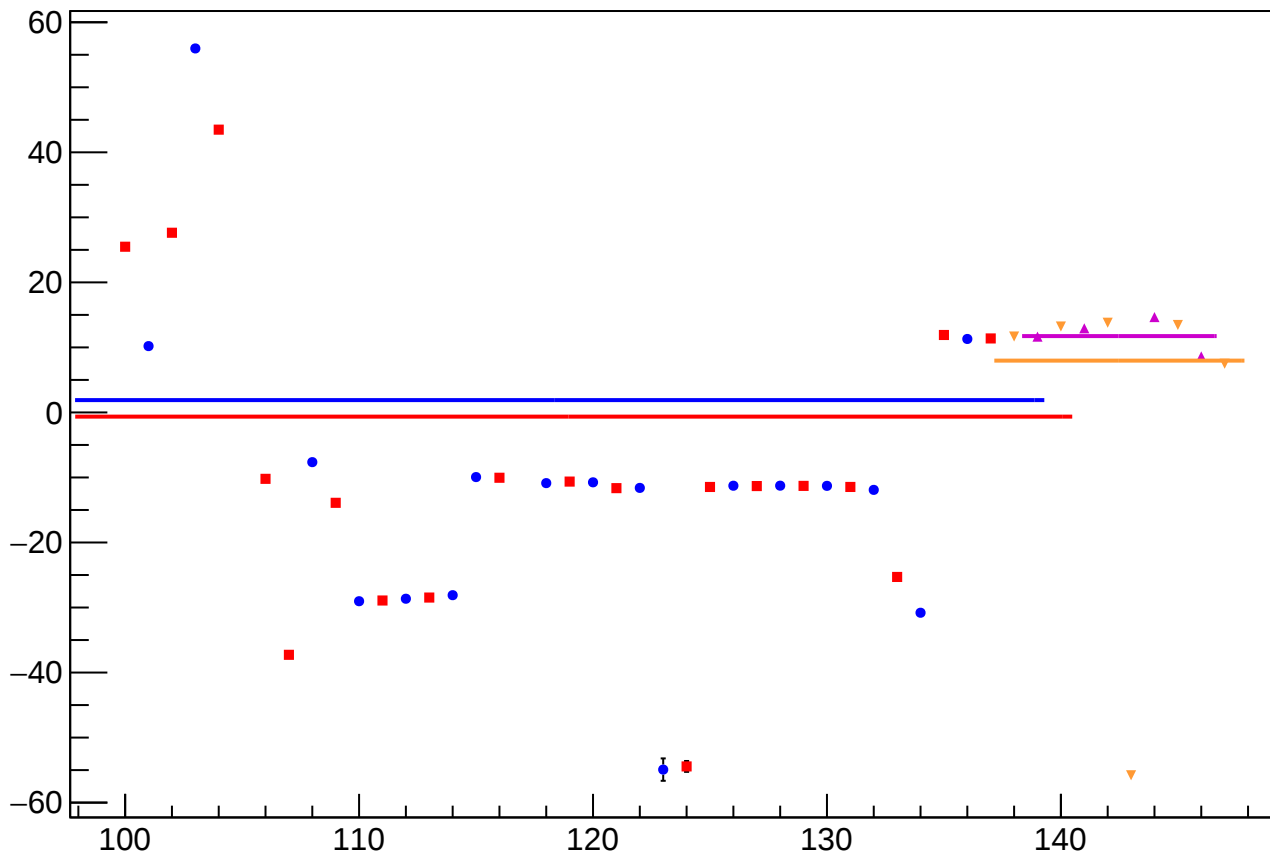
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 4.313+/-0.481 χ^2/NDF : 747.2/20

Out: 5.002+/-0.453 χ^2/NDF : 1097.9/24

All: 4.678+/-0.330 χ^2/NDF : 1846.2/45

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.968 $\pm$ 0.031 χ^2/NDF :256015.8/5

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 11.740 $\pm$ 0.032 χ^2/NDF :4030.0/3

Left: 9.754 $\pm$ 0.022 χ^2/NDF : 267182.5/9

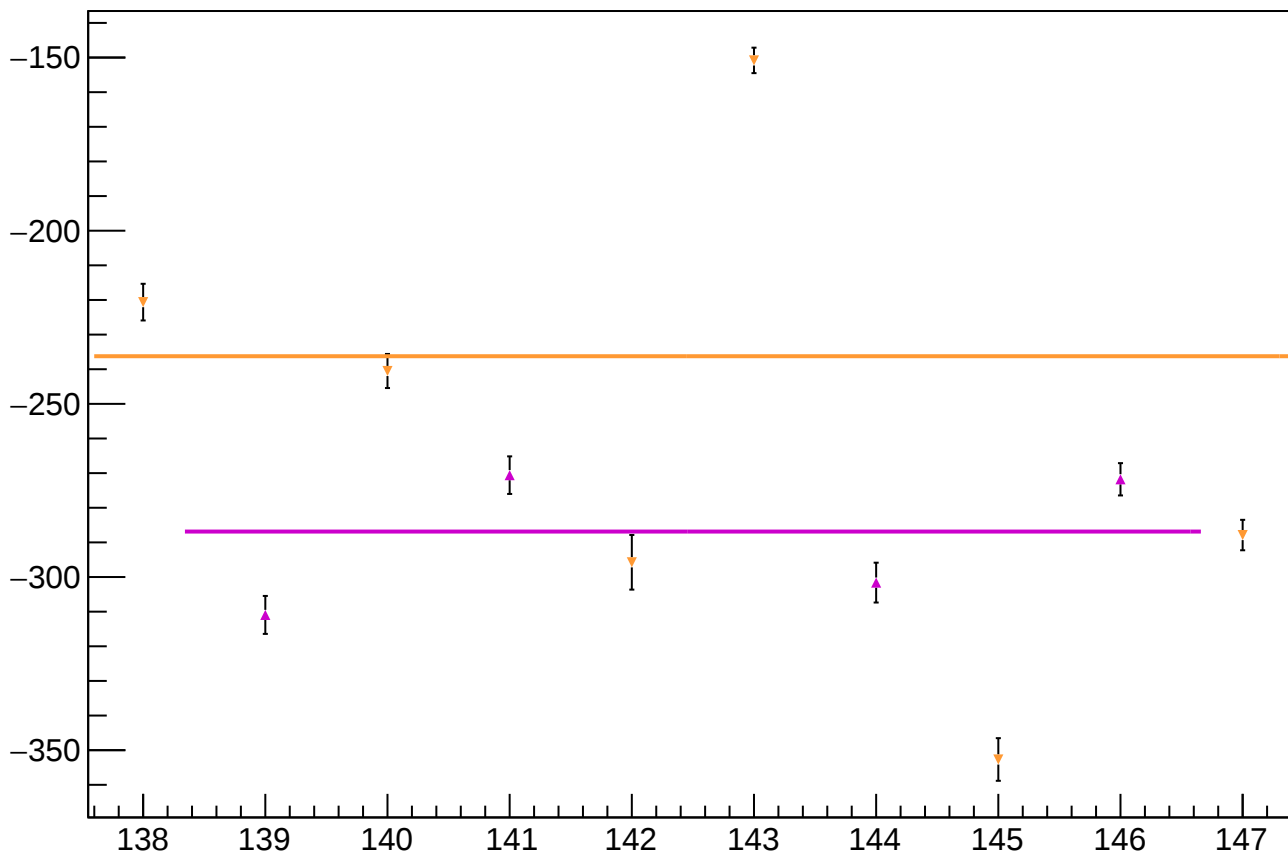
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.473 $\pm$ 0.024 χ^2/NDF :402895.1/20

Out: 4.460 $\pm$ 0.024 χ^2/NDF :649662.2/24

All: 5.920 $\pm$ 0.017 χ^2/NDF : 1060423.3/45

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: -236.244+/-2.019 χ^2/NDF :1102.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -286.871+/-2.640 χ^2/NDF :45.3/3

Left: -254.929+/-1.604 χ^2/NDF : 1379.5/9

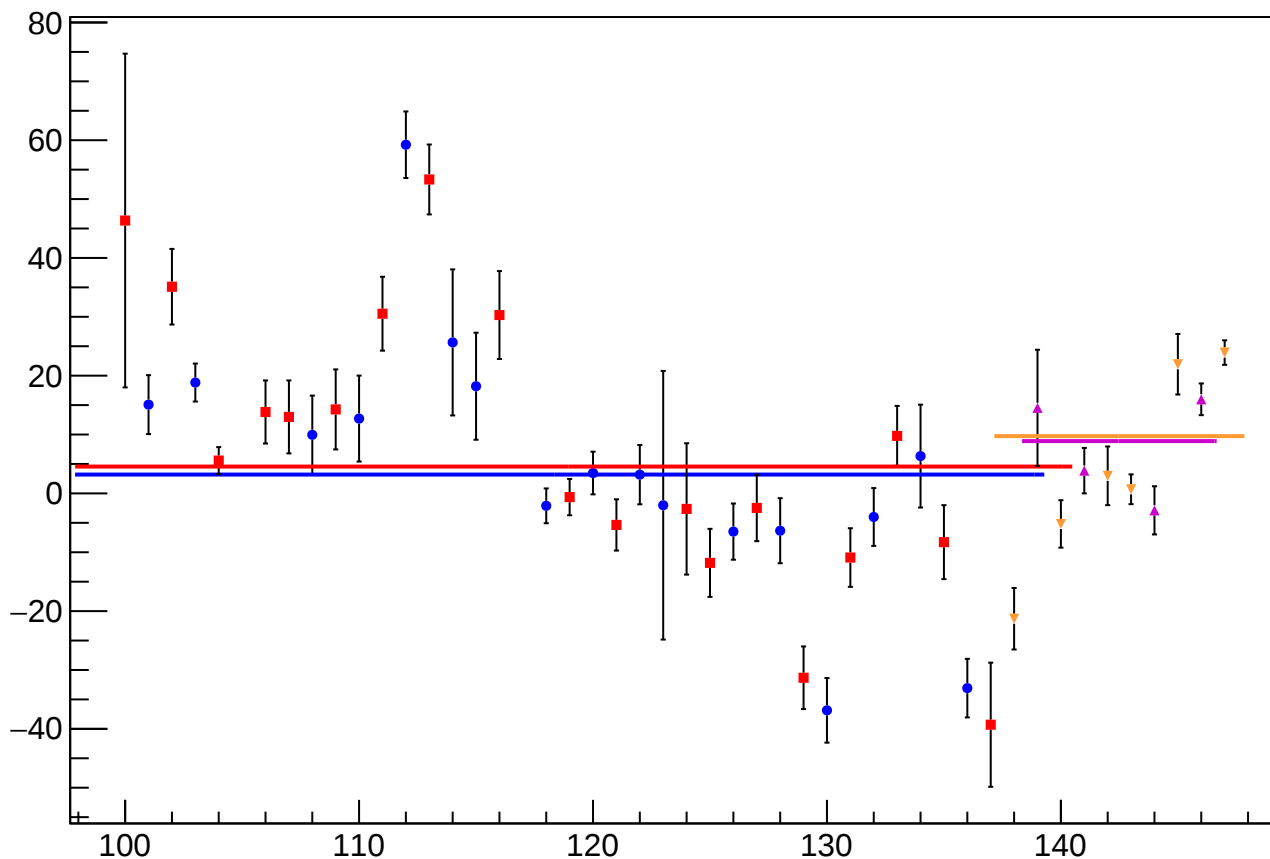
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -286.871+/-2.640 χ^2/NDF :45.3/3

Out: -236.244+/-2.019 χ^2/NDF :1102.1/5

All: -254.929+/-1.604 χ^2/NDF : 1379.5/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 9.727 ± 1.333 $\chi^2/\text{NDF}: 115.6/5$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 8.883 ± 1.907 $\chi^2/\text{NDF}: 17.2/3$

Left: 9.450 ± 1.092 $\chi^2/\text{NDF}: 133.0/9$

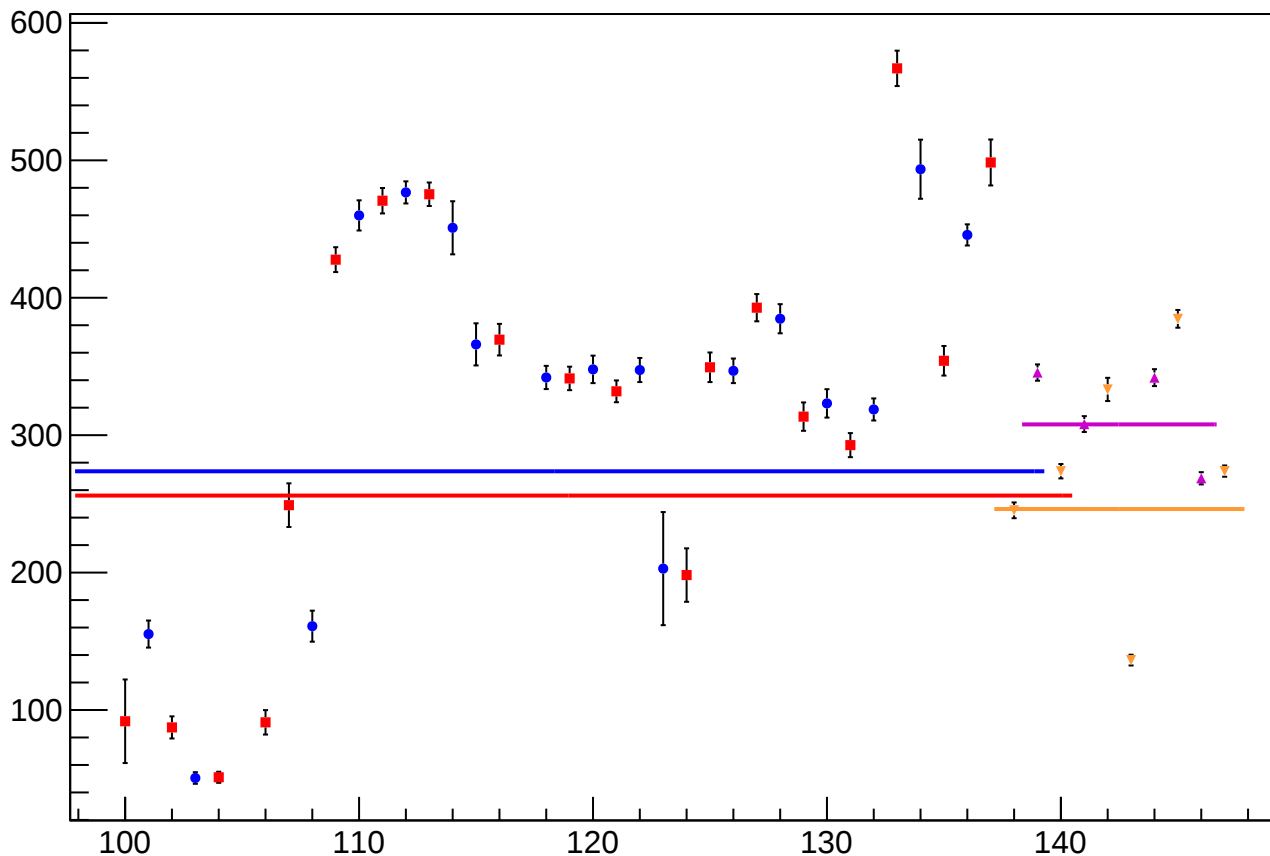
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 4.864 ± 1.032 $\chi^2/\text{NDF}: 278.7/20$

Out: 6.781 ± 0.874 $\chi^2/\text{NDF}: 348.1/24$

All: 5.981 ± 0.667 $\chi^2/\text{NDF}: 628.8/45$

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: 246.257 $\pm$ 2.088 χ^2 /NDF:1424.9/5

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 307.835 $\pm$ 2.719 χ^2 /NDF:148.6/3

Left: 269.109 $\pm$ 1.656 χ^2 /NDF: 1896.1/9

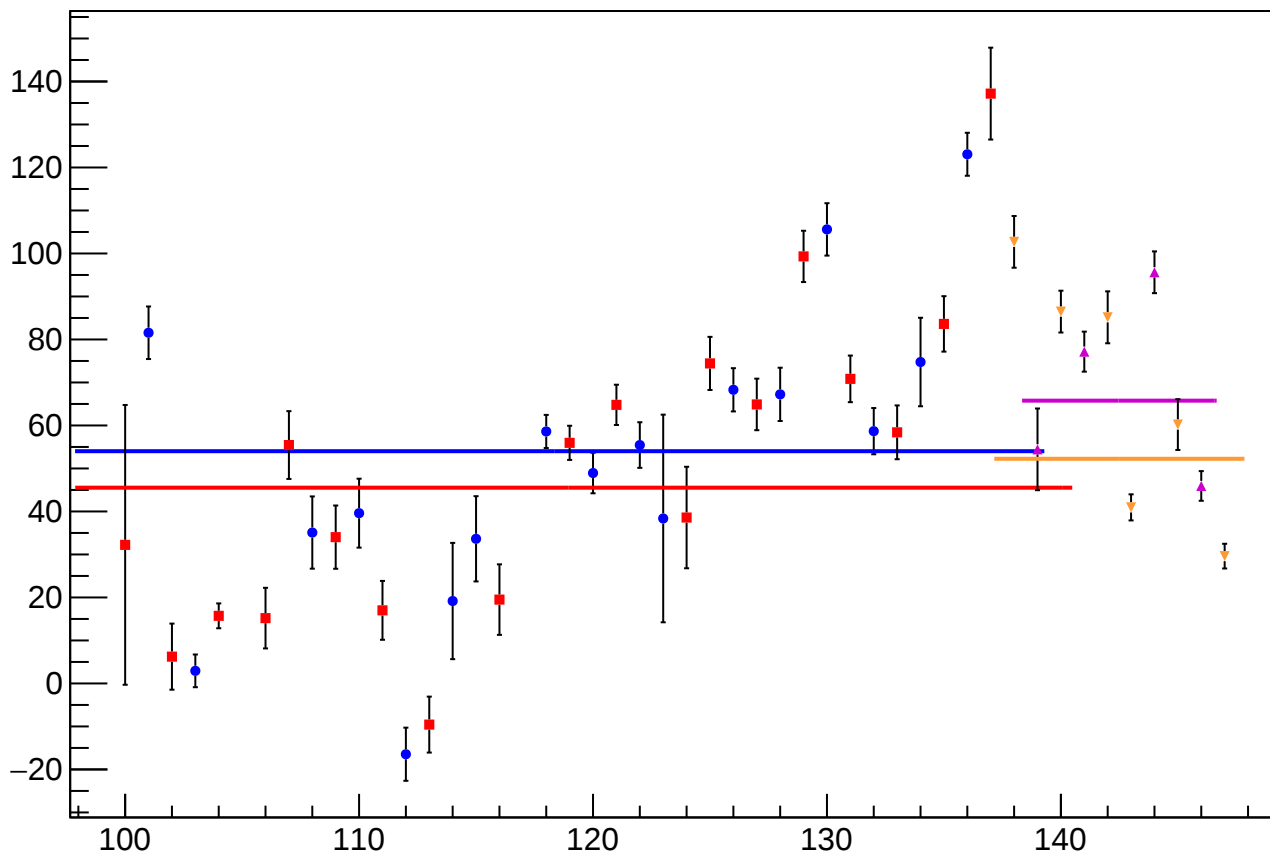
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 287.177 $\pm$ 1.708 χ^2 /NDF:5347.2/20

Out: 251.179 $\pm$ 1.473 χ^2 /NDF:7877.0/24

All: 266.540 $\pm$ 1.116 χ^2 /NDF: 13479.0/45

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: 52.252 $\pm$ 1.676 χ^2 /NDF:227.4/5

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 65.773 $\pm$ 2.334 χ^2 /NDF:78.2/3

Left: 56.853 $\pm$ 1.362 χ^2 /NDF: 327.8/9

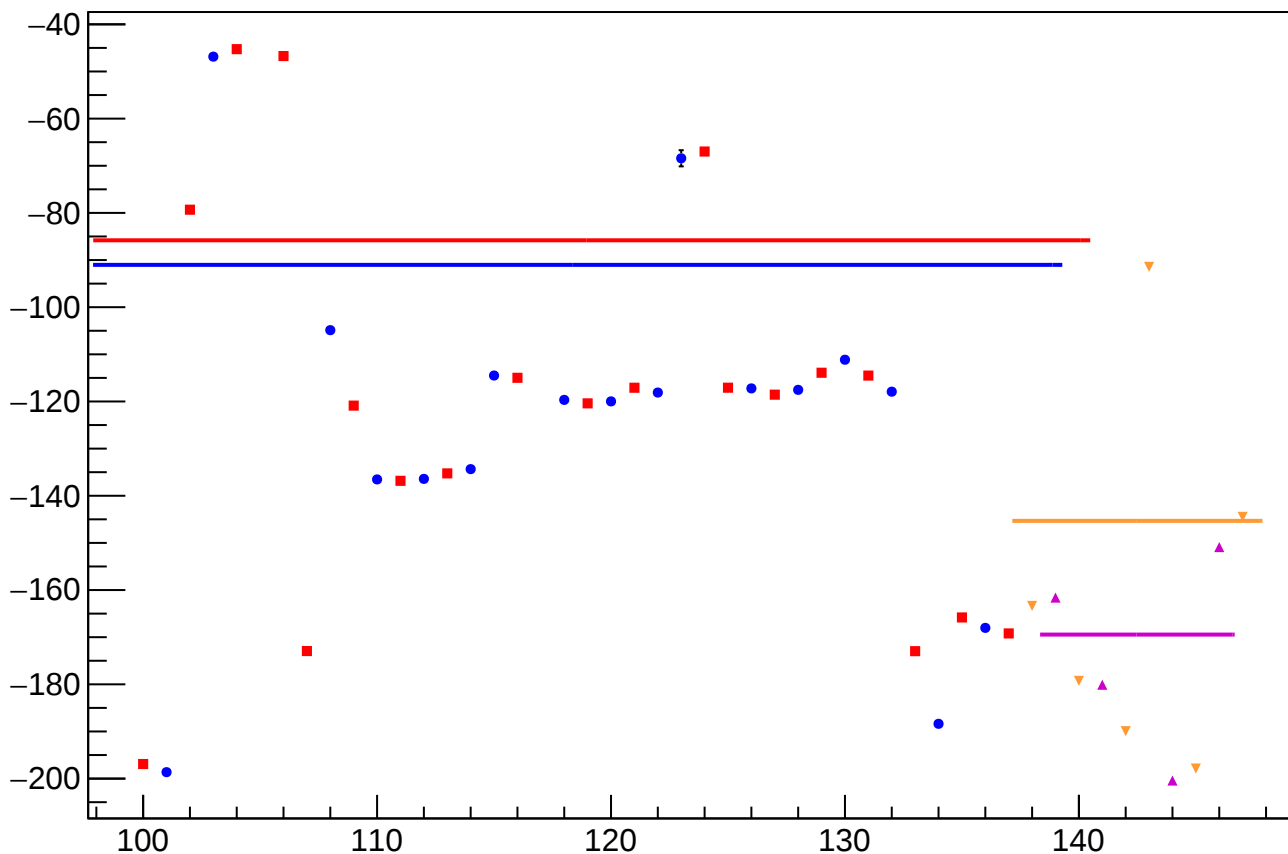
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.202 $\pm$ 1.215 χ^2 /NDF:729.6/20

Out: 48.191 $\pm$ 1.055 χ^2 /NDF:764.0/24

All: 52.063 $\pm$ 0.797 χ^2 /NDF: 1524.9/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -145.323 $\pm$ 0.088 χ^2 /NDF: 204423.5/5

Right Out: -85.811 $\pm$ 0.065 χ^2 /NDF: 495868.7/18

Left In: -169.448 $\pm$ 0.113 χ^2 /NDF: 24875.0/3

Left: -154.457 $\pm$ 0.069 χ^2 /NDF: 257771.4/9

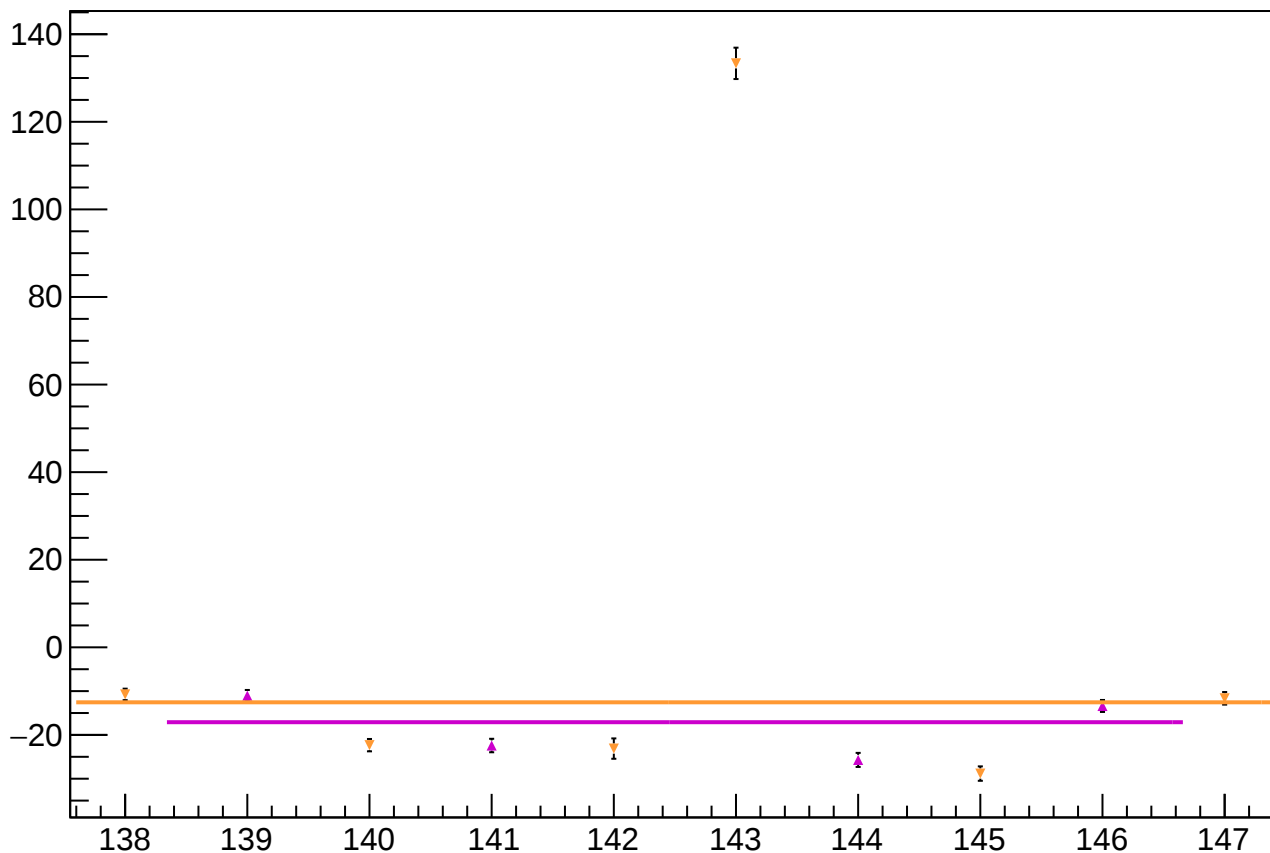
Right: -88.315 $\pm$ 0.047 χ^2 /NDF: 1033213.2/35

In: -111.764 $\pm$ 0.058 χ^2 /NDF: 915312.7/20

Out: -106.835 $\pm$ 0.052 χ^2 /NDF: 996243.5/24

All: -109.046 $\pm$ 0.039 χ^2 /NDF: 1915543.6/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.556+/-0.674 χ^2/NDF :1828.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.098+/-0.719 χ^2/NDF :69.9/3

Left: -14.682+/-0.492 χ^2/NDF : 1919.5/9

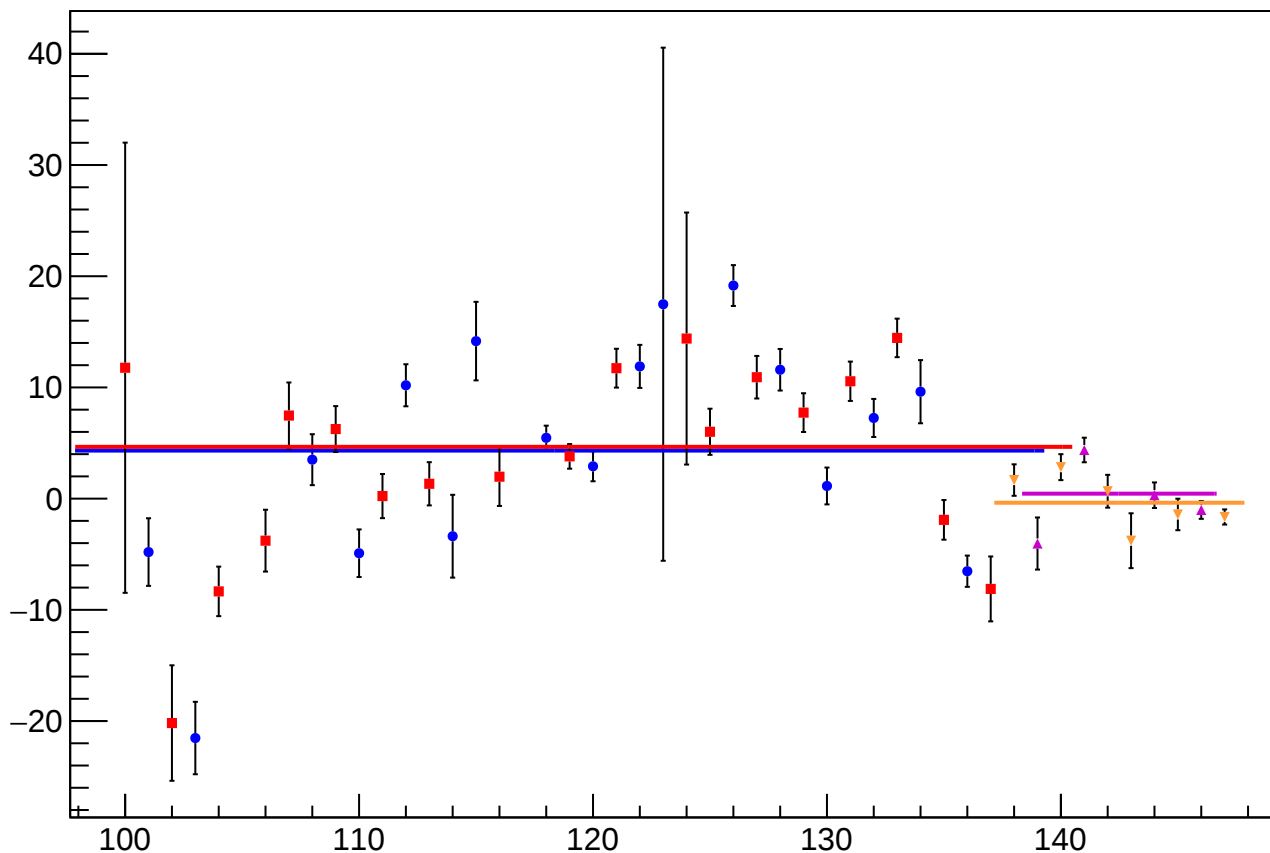
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.098+/-0.719 χ^2/NDF :69.9/3

Out: -12.556+/-0.674 χ^2/NDF :1828.3/5

All: -14.682+/-0.492 χ^2/NDF : 1919.5/9

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: -0.368 ± 0.471 $\chi^2/\text{NDF}: 16.1/5$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.448 ± 0.549 $\chi^2/\text{NDF}: 19.7/3$

Left: -0.022 ± 0.357 $\chi^2/\text{NDF}: 37.0/9$

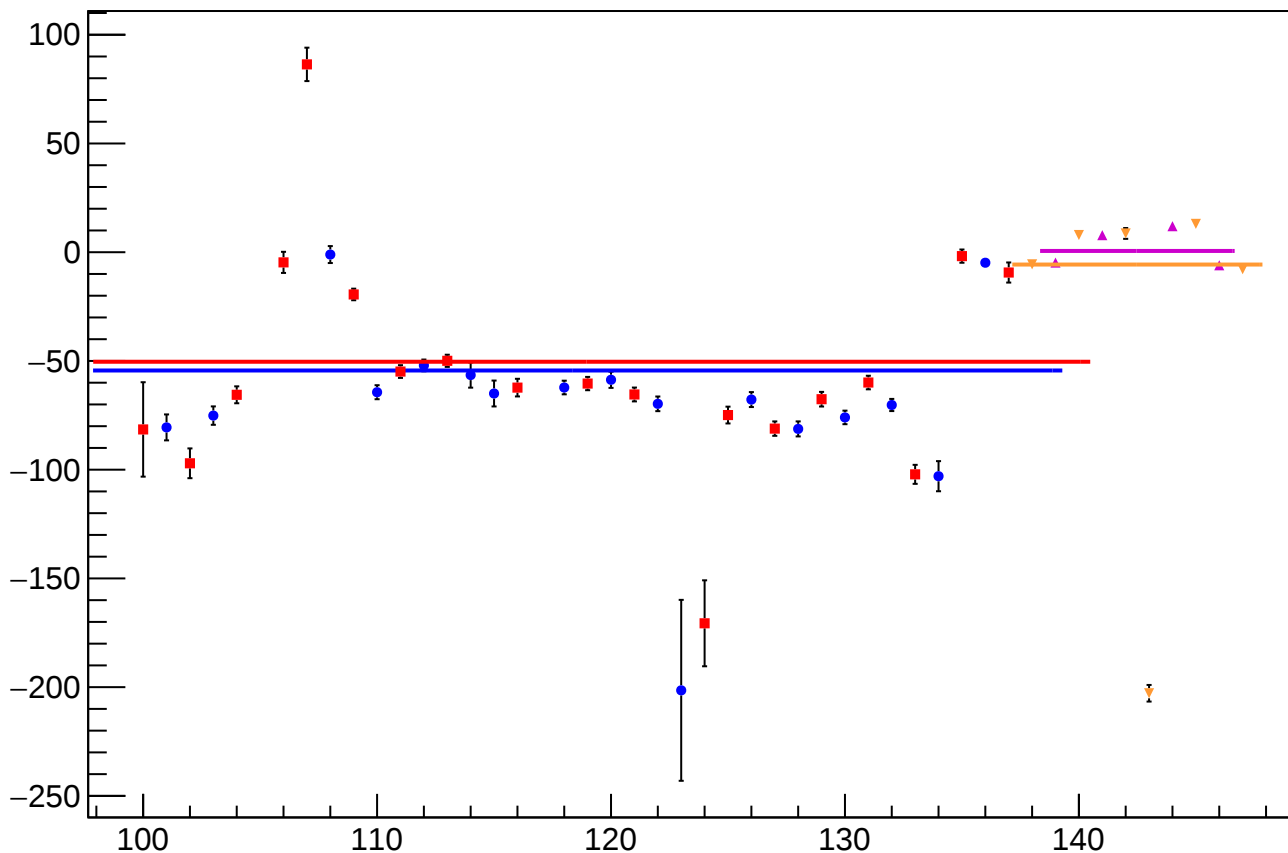
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 2.701 ± 0.355 $\chi^2/\text{NDF}: 329.0/20$

Out: 2.130 ± 0.334 $\chi^2/\text{NDF}: 257.2/24$

All: 2.398 ± 0.243 $\chi^2/\text{NDF}: 587.5/45$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -5.670 $\pm$ 0.696 χ^2 /NDF: 2900.0/5

Right Out: -50.364 $\pm$ 0.858 χ^2 /NDF: 1321.3/18

Left In: 0.585 $\pm$ 0.745 χ^2 /NDF: 103.3/3

Left: -2.753 $\pm$ 0.509 χ^2 /NDF: 3041.0/9

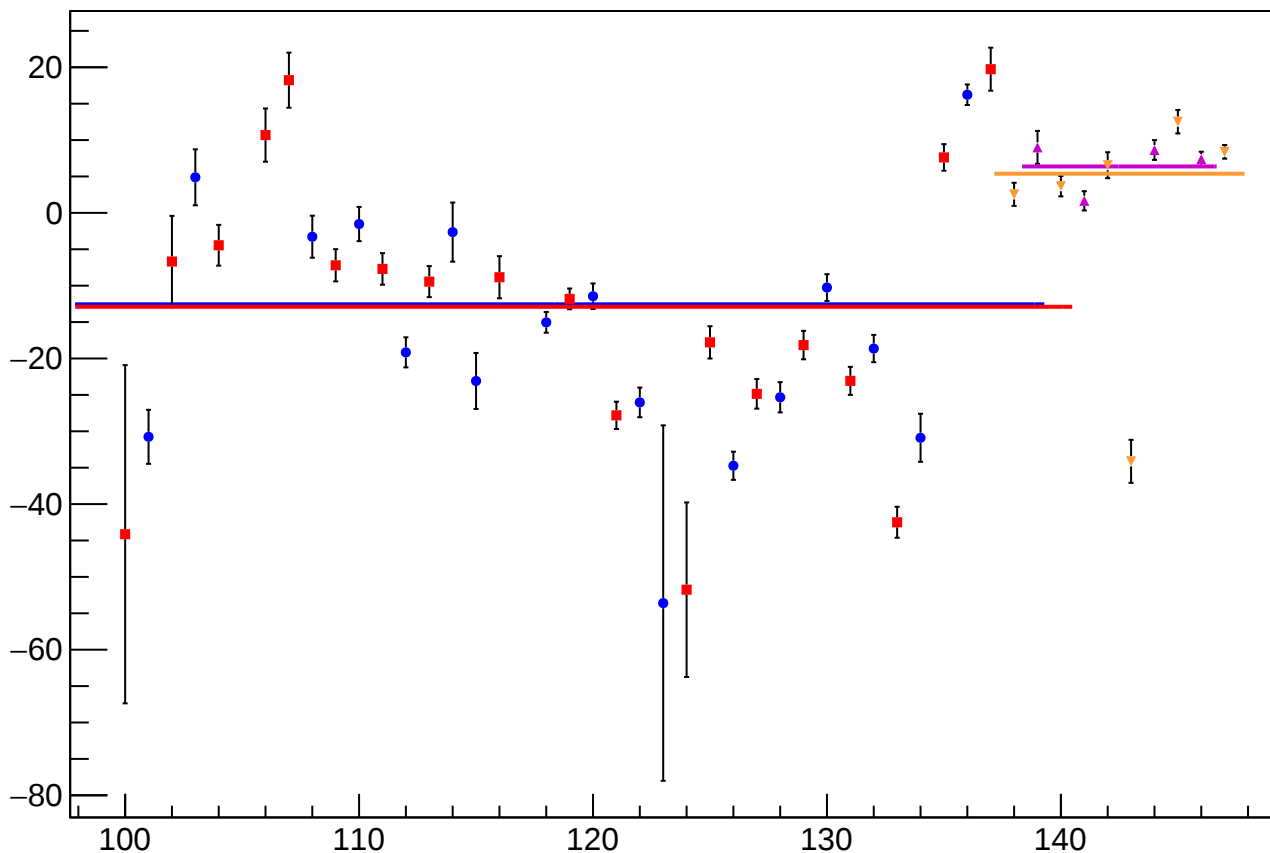
Right: -52.360 $\pm$ 0.609 χ^2 /NDF: 2346.2/35

In: -22.845 $\pm$ 0.564 χ^2 /NDF: 3437.5/20

Out: -23.430 $\pm$ 0.541 χ^2 /NDF: 5858.1/24

All: -23.150 $\pm$ 0.390 χ^2 /NDF: 9296.1/45

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: 5.379 ± 0.592 χ^2/NDF : 213.5/5

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.375 ± 0.665 χ^2/NDF : 17.8/3

Left: 5.819 ± 0.442 χ^2/NDF : 232.5/9

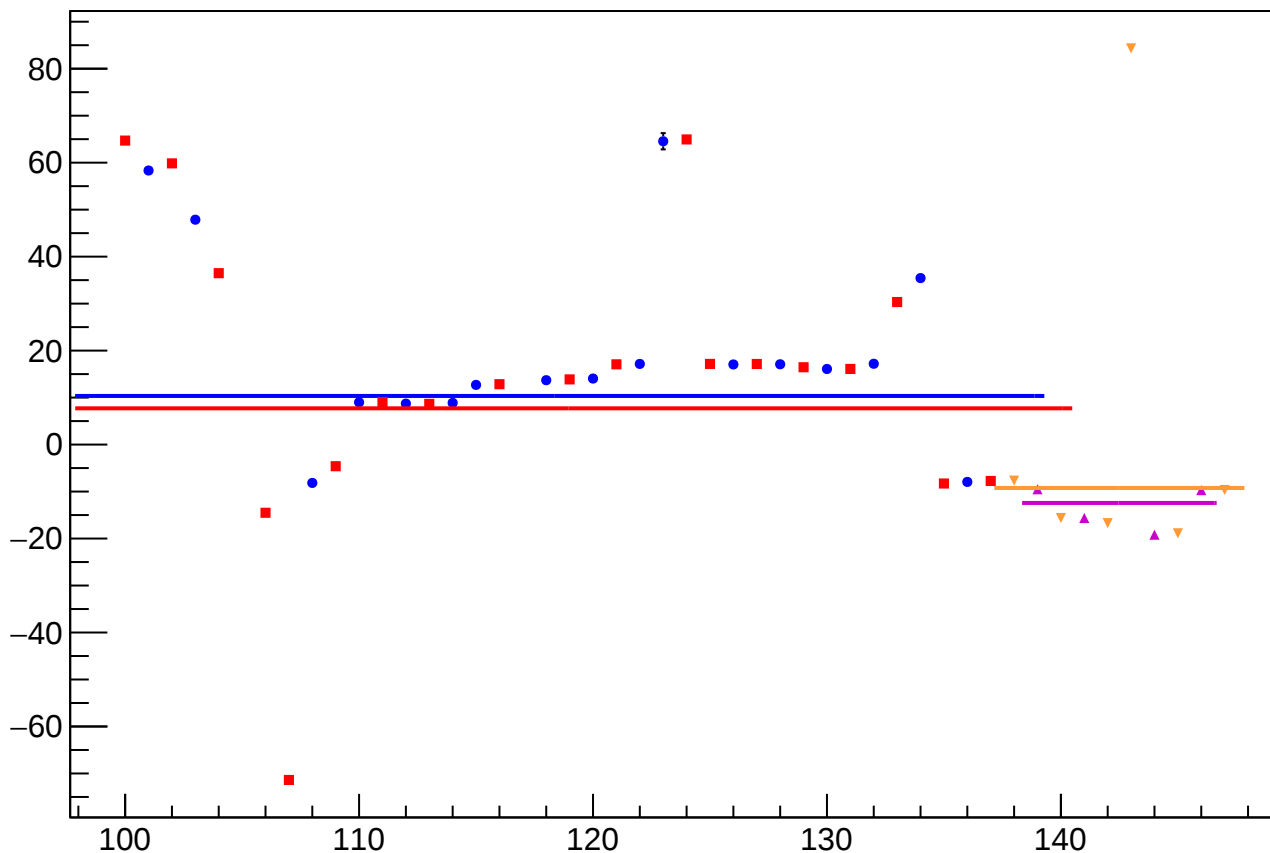
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -5.182 ± 0.415 χ^2/NDF : 1292.0/20

Out: -4.629 ± 0.398 χ^2/NDF : 1463.8/24

All: -4.894 ± 0.287 χ^2/NDF : 2756.8/45

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: -9.237+/-0.029 χ^2/NDF :406998.9/5

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -12.422+/-0.030 χ^2/NDF :15938.4/3

Left: -10.768+/-0.021 χ^2/NDF : 428671.8/9

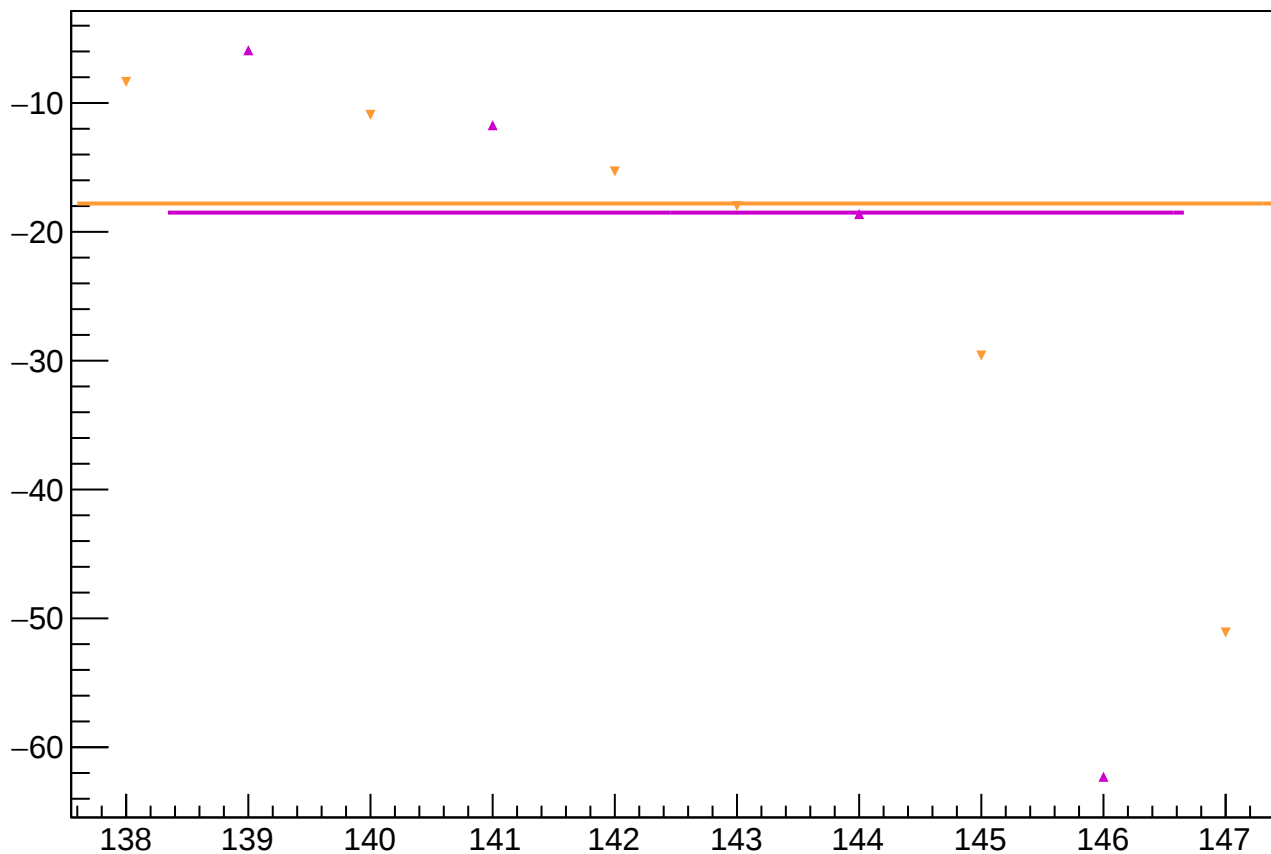
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -1.139+/-0.022 χ^2/NDF :676598.3/20

Out: -1.351+/-0.021 χ^2/NDF :1109277.3/24

All: -1.246+/-0.015 χ^2/NDF : 1785924.3/45

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: -17.800+/-0.112 χ^2/NDF :13600.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.509+/-0.122 χ^2/NDF :24338.8/3

Left: -18.124+/-0.083 χ^2/NDF : 37957.6/9

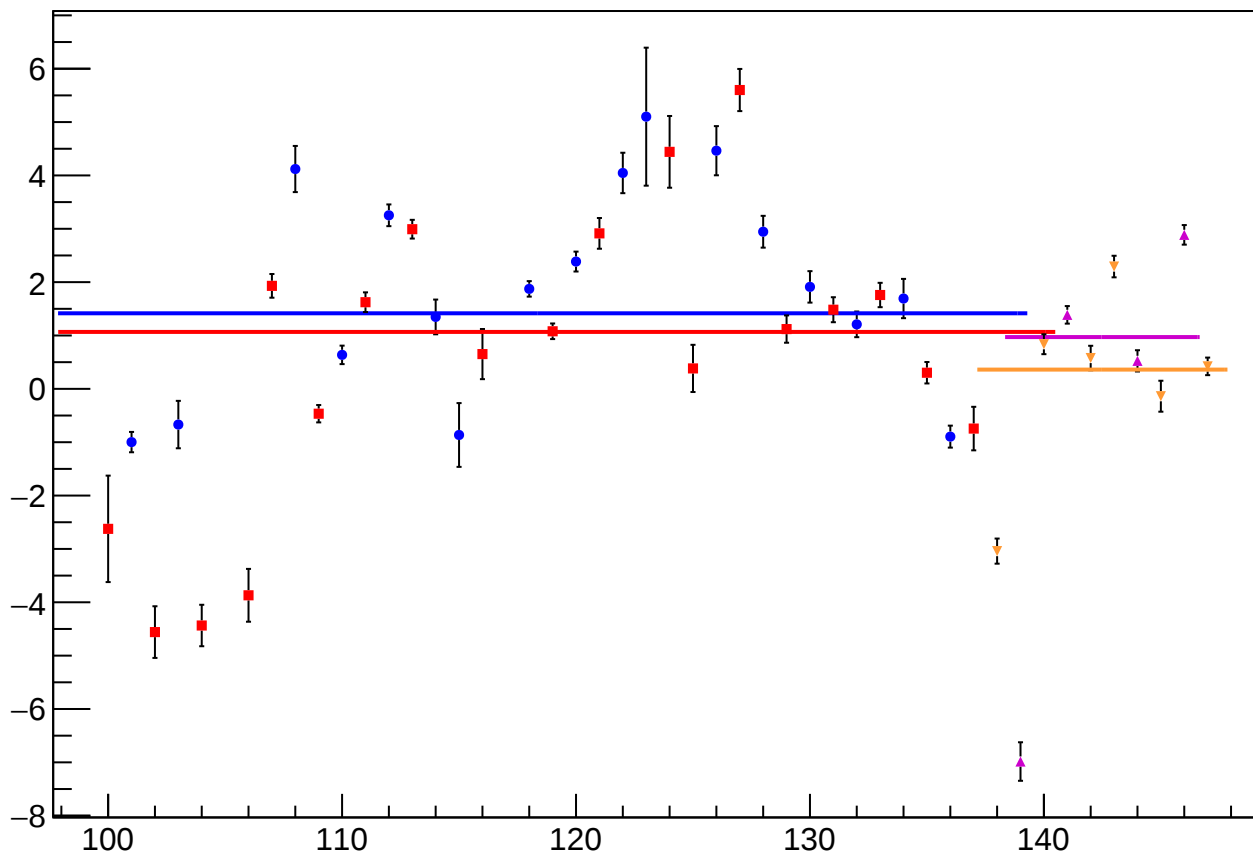
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.509+/-0.122 χ^2/NDF :24338.8/3

Out: -17.800+/-0.112 χ^2/NDF :13600.6/5

All: -18.124+/-0.083 χ^2/NDF : 37957.6/9

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: 0.361 $\pm$ 0.085 χ^2 /NDF:310.6/5

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 0.971 $\pm$ 0.100 χ^2 /NDF:605.8/3

Left: 0.615 $\pm$ 0.065 χ^2 /NDF: 938.0/9

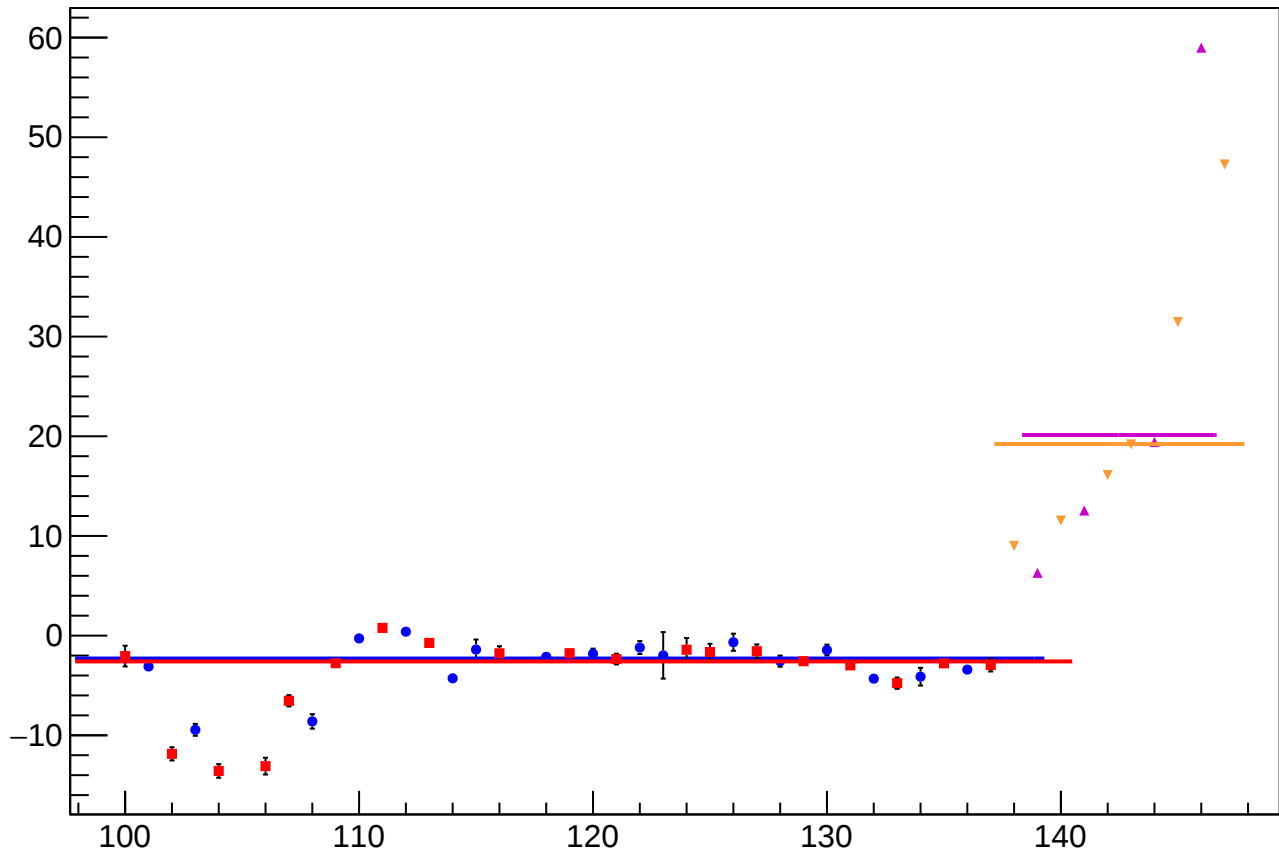
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.295 $\pm$ 0.052 χ^2 /NDF:1251.4/20

Out: 0.842 $\pm$ 0.048 χ^2 /NDF:1287.7/24

All: 1.049 $\pm$ 0.035 χ^2 /NDF: 2580.1/45

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: 19.218 ± 0.118 χ^2/NDF : 11916.2/5

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 20.125 ± 0.128 χ^2/NDF : 21872.4/3

Left: 19.633 ± 0.087 χ^2/NDF : 33815.7/9

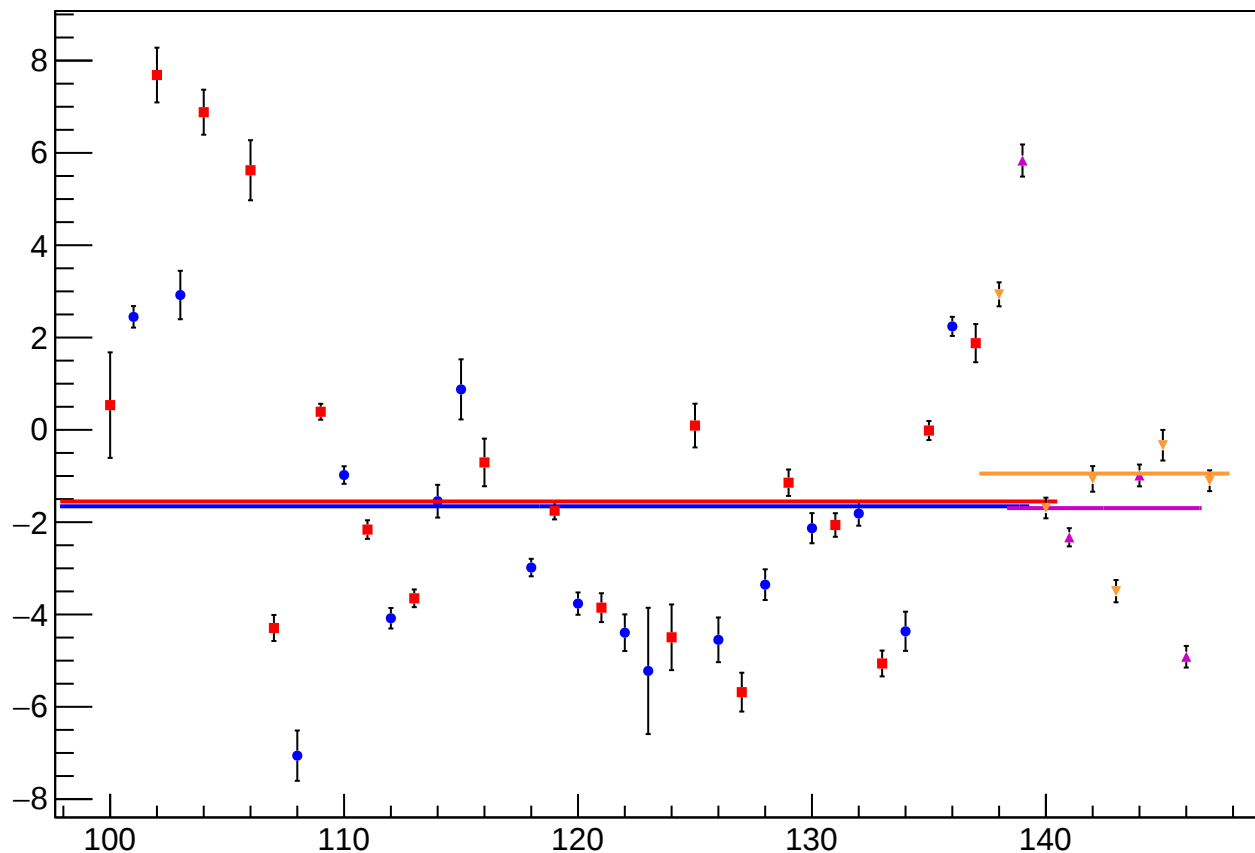
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 7.275 ± 0.084 χ^2/NDF : 39787.8/20

Out: 6.392 ± 0.076 χ^2/NDF : 32860.7/24

All: 6.788 ± 0.056 χ^2/NDF : 72709.4/45

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: -0.947 ± 0.103 χ^2/NDF : 349.9/5

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.695 ± 0.119 χ^2/NDF : 676.6/3

Left: -1.267 ± 0.078 χ^2/NDF : 1049.0/9

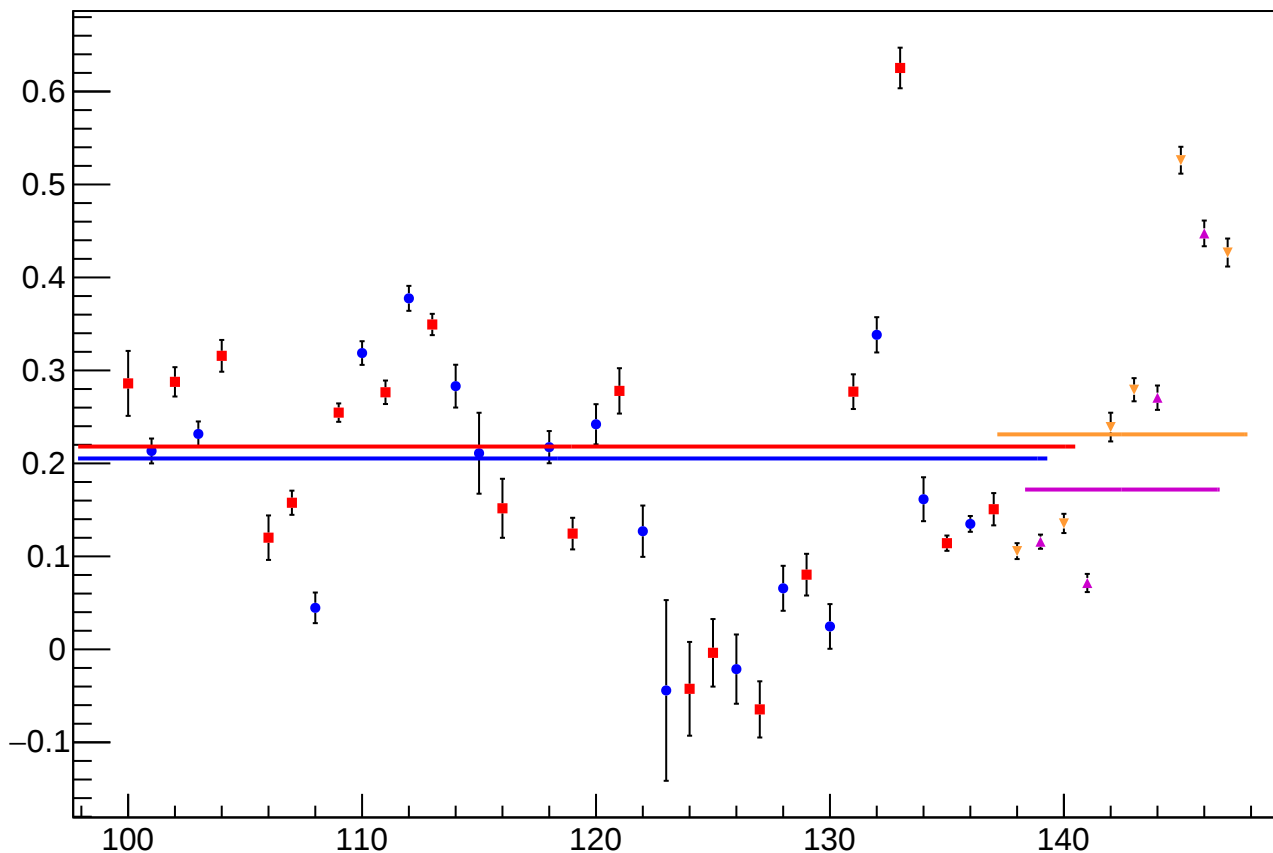
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.666 ± 0.061 χ^2/NDF : 1947.8/20

Out: -1.378 ± 0.055 χ^2/NDF : 1862.4/24

All: -1.509 ± 0.041 χ^2/NDF : 3822.6/45

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.231 ± 0.005 χ^2/NDF : 902.0/5

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.172 ± 0.005 χ^2/NDF : 613.7/3

Left: 0.203 ± 0.004 χ^2/NDF : 1587.3/9

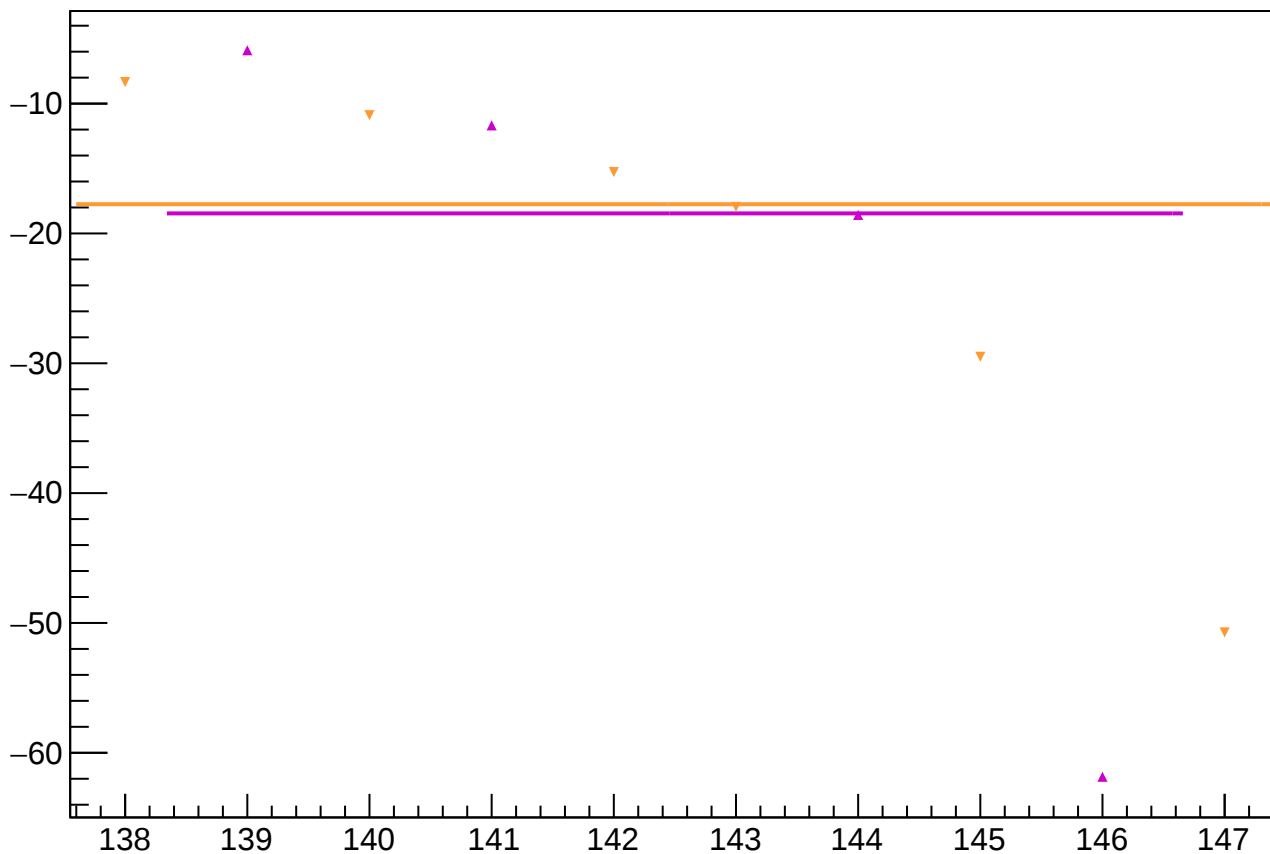
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.192 ± 0.003 χ^2/NDF : 1260.2/20

Out: 0.223 ± 0.003 χ^2/NDF : 1929.9/24

All: 0.209 ± 0.002 χ^2/NDF : 3240.8/45

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: -17.749+/-0.111 χ^2/NDF :13576.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.456+/-0.121 χ^2/NDF :24293.2/3

Left: -18.072+/-0.082 χ^2/NDF : 37887.9/9

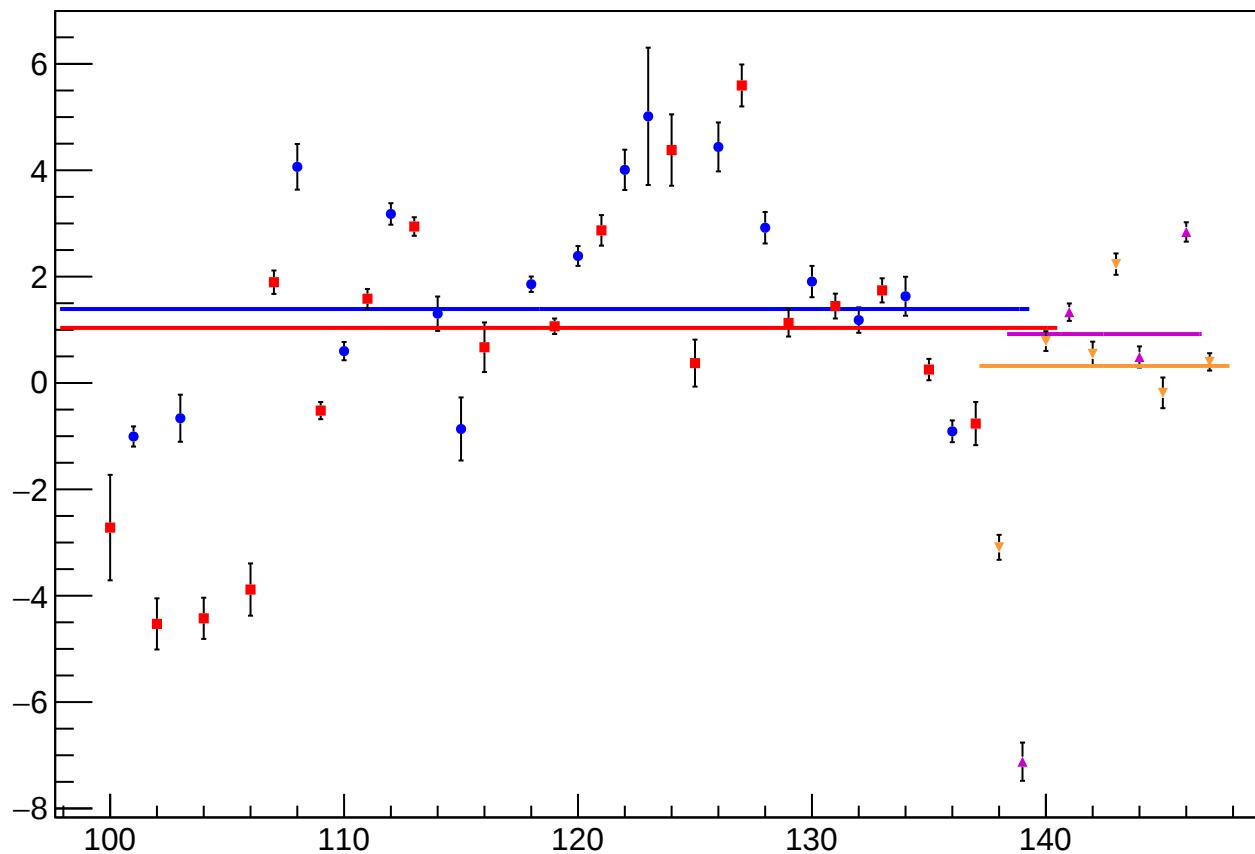
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.456+/-0.121 χ^2/NDF :24293.2/3

Out: -17.749+/-0.111 χ^2/NDF :13576.3/5

All: -18.072+/-0.082 χ^2/NDF : 37887.9/9

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.320 ± 0.084 χ^2/NDF : 312.9/5

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.920 ± 0.100 χ^2/NDF : 622.3/3

Left: 0.570 ± 0.064 χ^2/NDF : 956.3/9

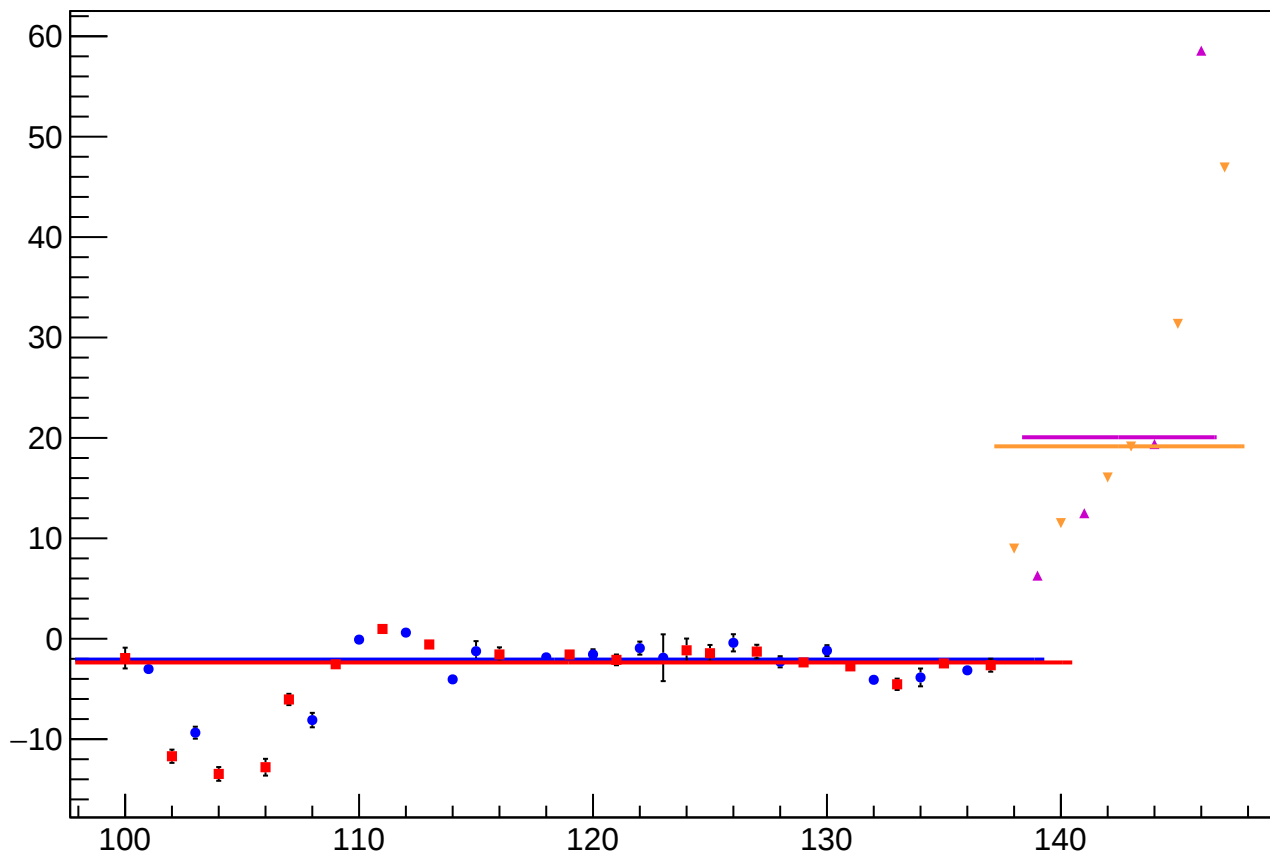
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.263 ± 0.052 χ^2/NDF : 1267.7/20

Out: 0.807 ± 0.048 χ^2/NDF : 1296.1/24

All: 1.016 ± 0.035 χ^2/NDF : 2605.5/45

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: 19.160 ± 0.118 χ^2/NDF : 11888.5/5

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 20.066 ± 0.128 χ^2/NDF : 21821.5/3

Left: 19.575 ± 0.086 χ^2/NDF : 33737.2/9

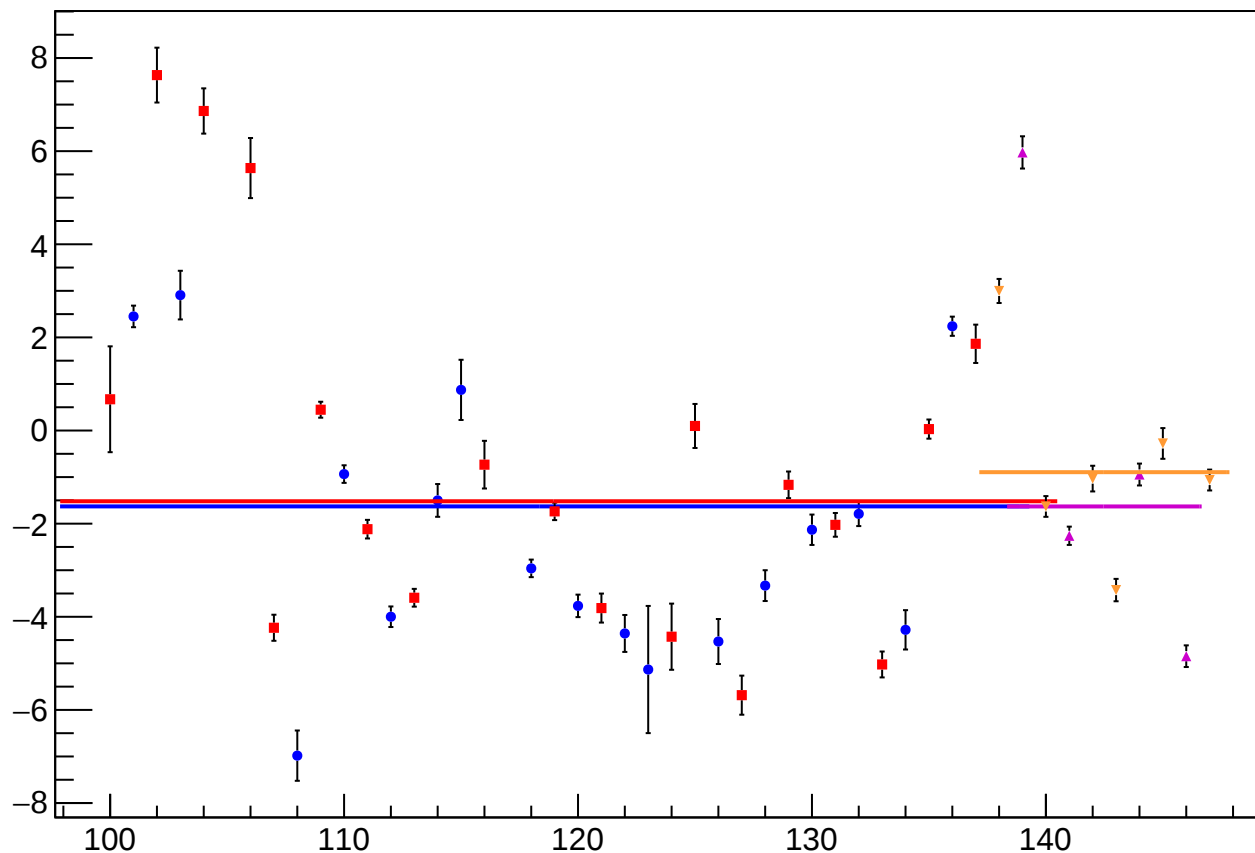
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 7.377 ± 0.083 χ^2/NDF : 39470.7/20

Out: 6.498 ± 0.075 χ^2/NDF : 32518.0/24

All: 6.893 ± 0.056 χ^2/NDF : 72049.8/45

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: -0.894 ± 0.103 χ^2/NDF : 352.6/5

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -1.630 ± 0.119 χ^2/NDF : 691.8/3

Left: -1.209 ± 0.078 χ^2/NDF : 1066.3/9

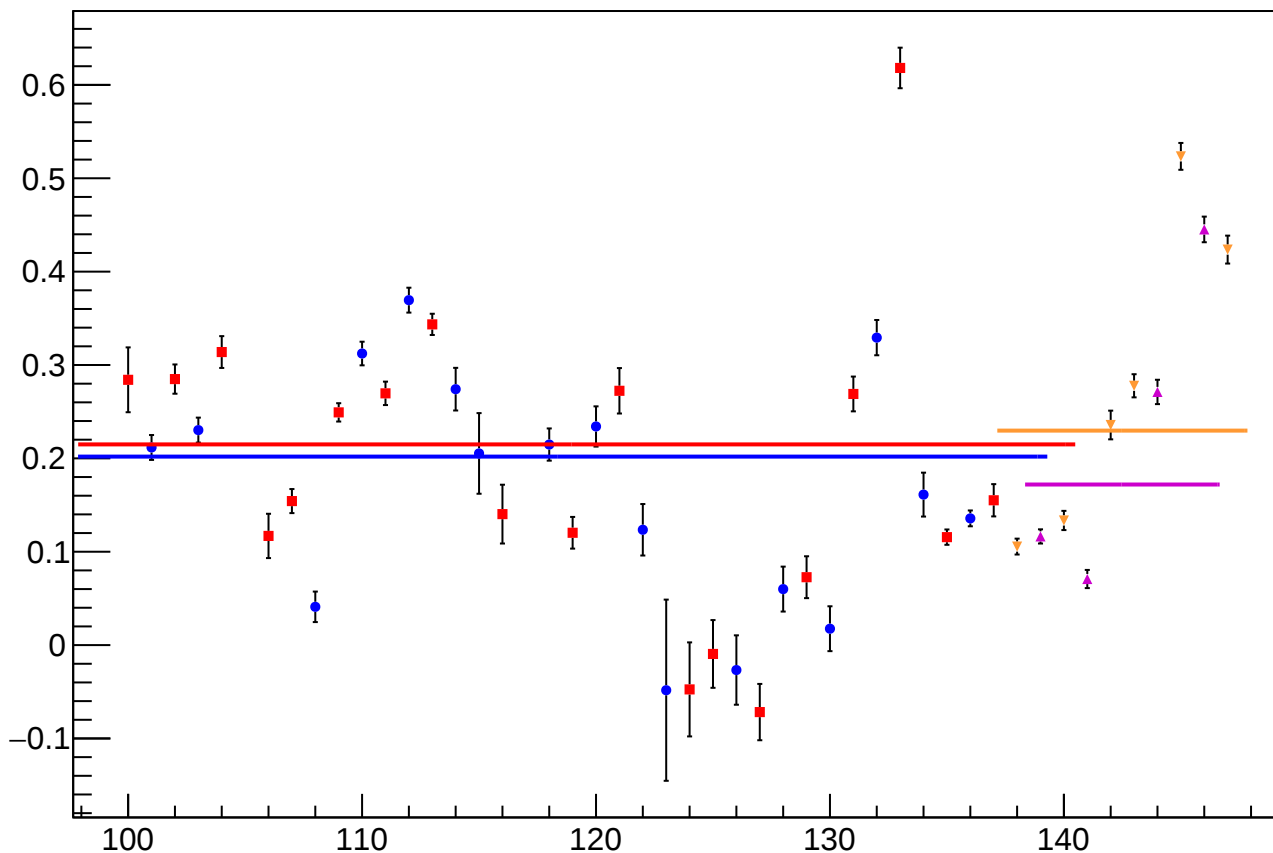
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.630 ± 0.060 χ^2/NDF : 1958.1/20

Out: -1.339 ± 0.055 χ^2/NDF : 1870.8/24

All: -1.471 ± 0.041 χ^2/NDF : 3841.6/45

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.230 ± 0.005 $\chi^2/\text{NDF}: 901.1/5$

Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$

Left In: 0.172 ± 0.005 $\chi^2/\text{NDF}: 615.8/3$

Left: 0.202 ± 0.003 $\chi^2/\text{NDF}: 1585.4/9$

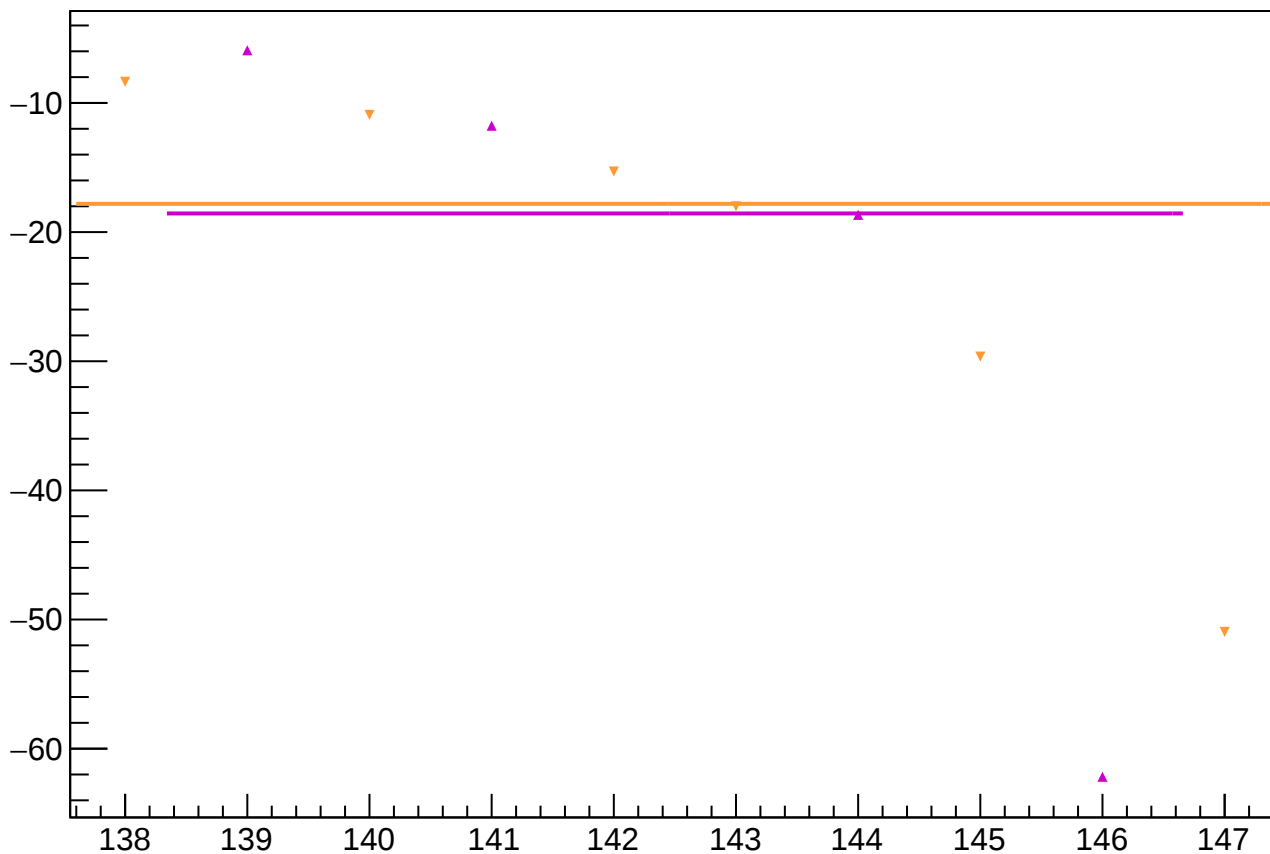
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$

In: 0.190 ± 0.003 $\chi^2/\text{NDF}: 1241.5/20$

Out: 0.220 ± 0.003 $\chi^2/\text{NDF}: 1912.7/24$

All: 0.207 ± 0.002 $\chi^2/\text{NDF}: 3203.7/45$

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: -17.813+/-0.112 χ^2/NDF :13582.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.556+/-0.122 χ^2/NDF :24326.5/3

Left: -18.153+/-0.082 χ^2/NDF : 37928.5/9

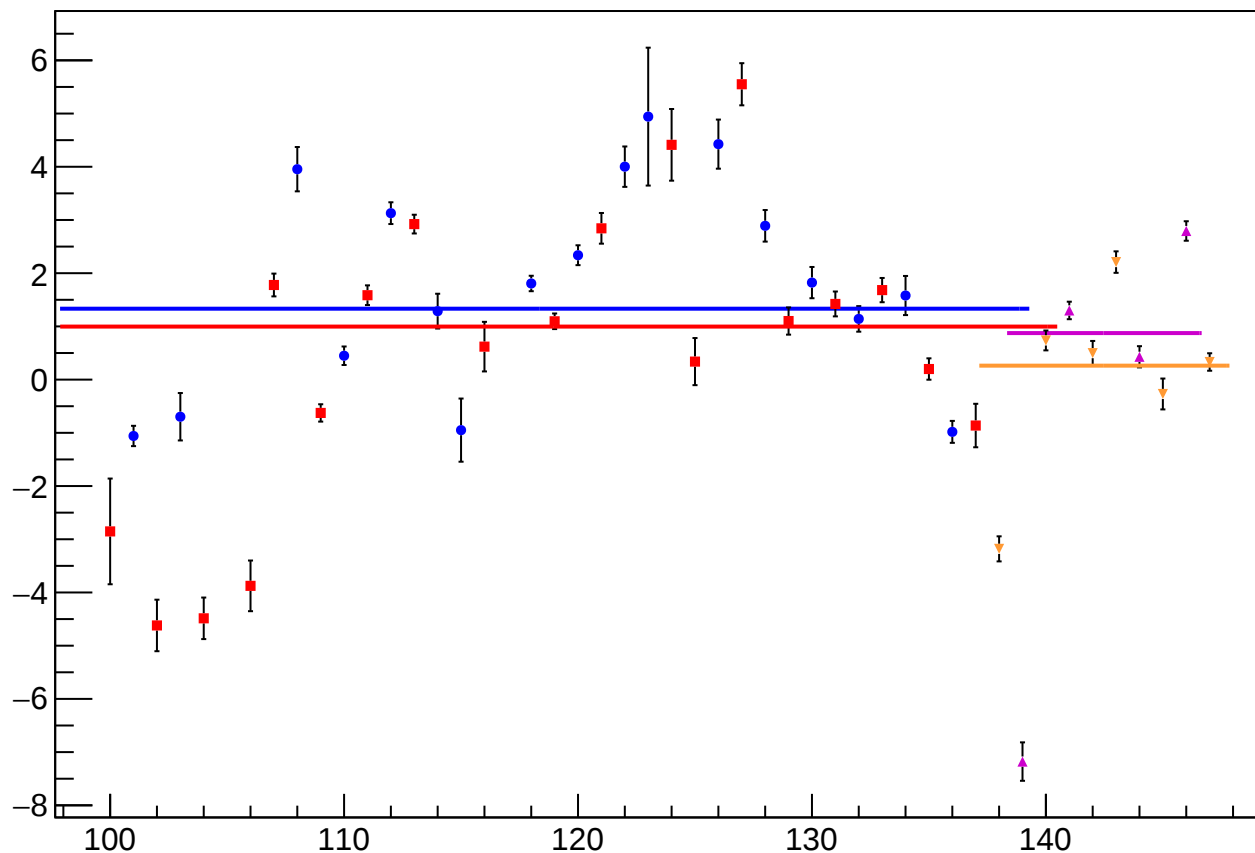
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.556+/-0.122 χ^2/NDF :24326.5/3

Out: -17.813+/-0.112 χ^2/NDF :13582.0/5

All: -18.153+/-0.082 χ^2/NDF : 37928.5/9

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.263 ± 0.085 χ^2/NDF : 317.6/5

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.875 ± 0.100 χ^2/NDF : 618.8/3

Left: 0.518 ± 0.065 χ^2/NDF : 958.1/9

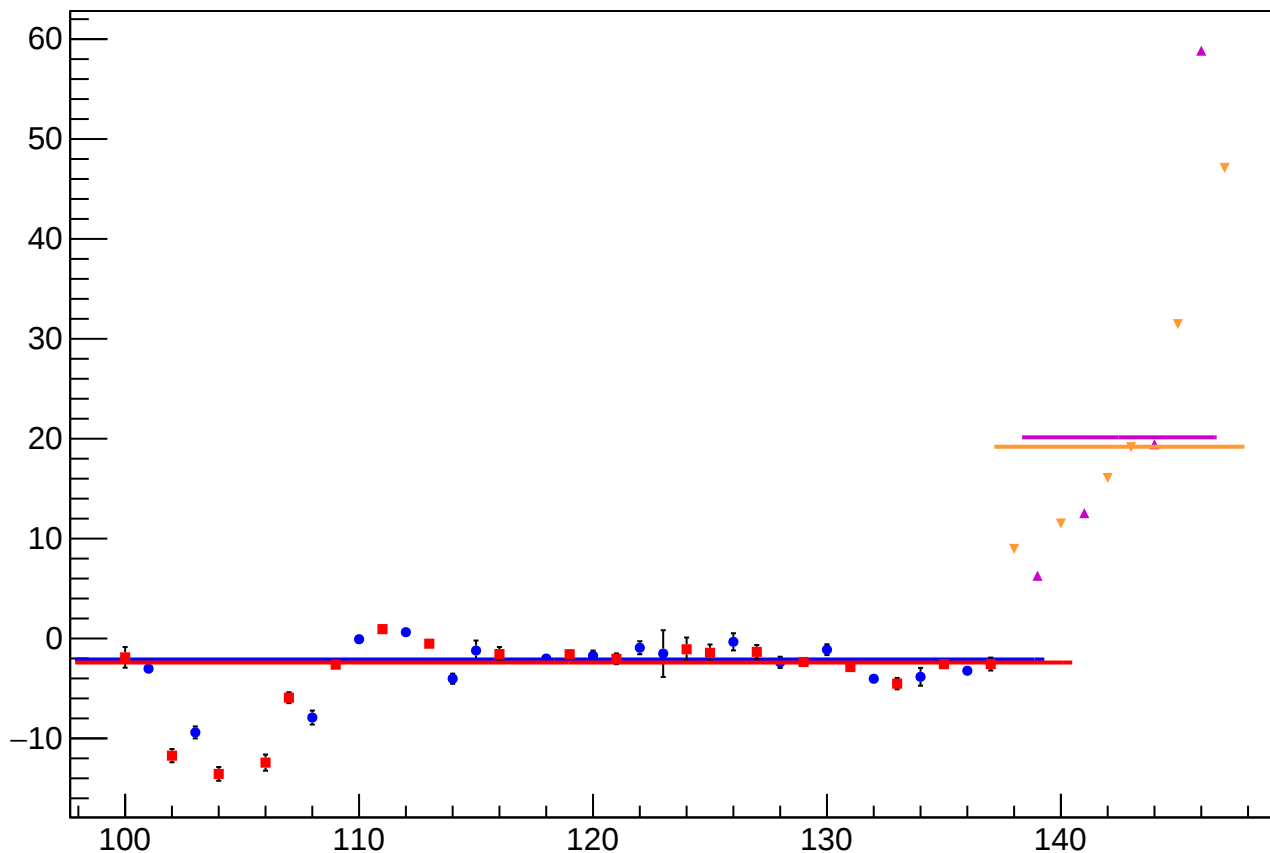
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.208 ± 0.052 χ^2/NDF : 1268.6/20

Out: 0.763 ± 0.048 χ^2/NDF : 1314.1/24

All: 0.966 ± 0.035 χ^2/NDF : 2622.3/45

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 19.195 ± 0.118 $\chi^2/\text{NDF}: 11896.2/5$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 20.137 ± 0.128 $\chi^2/\text{NDF}: 21854.9/3$

Left: 19.627 ± 0.087 $\chi^2/\text{NDF}: 33780.2/9$

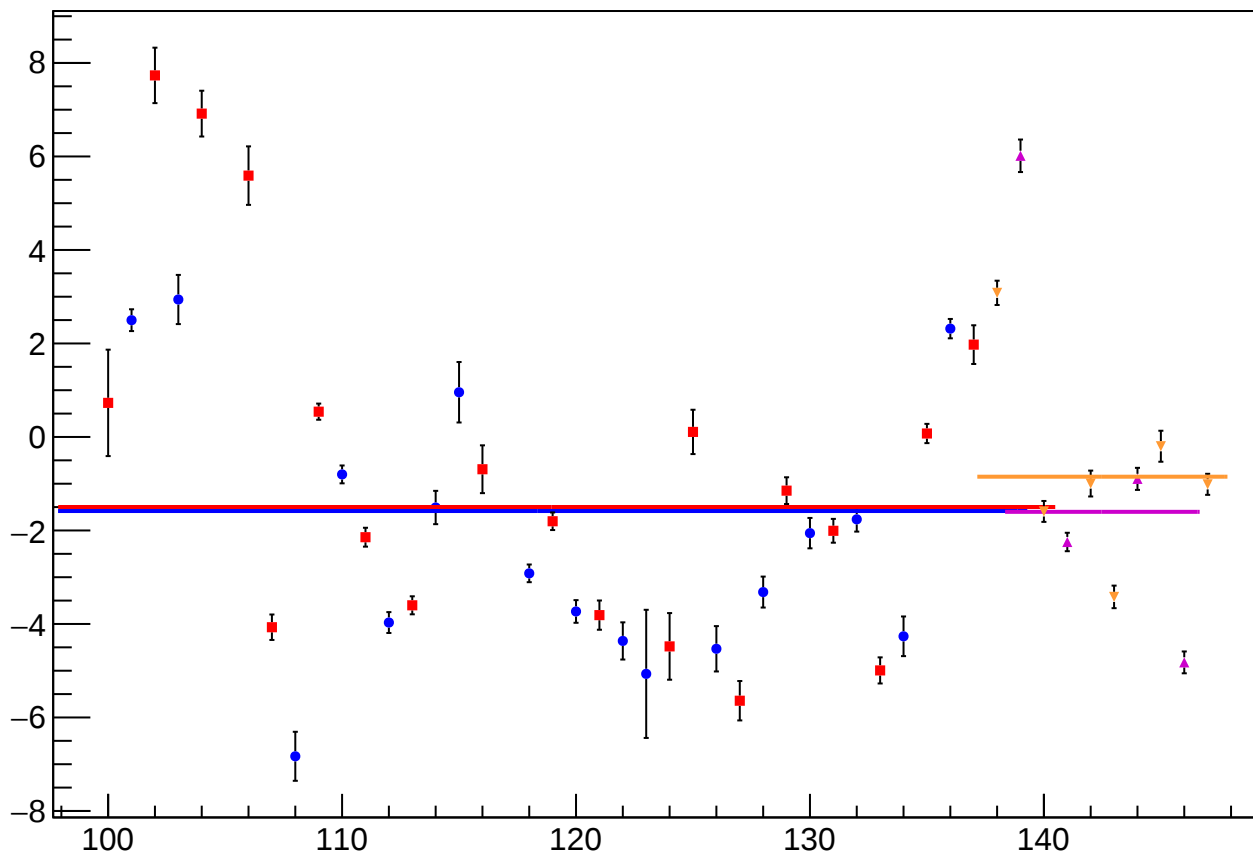
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 7.401 ± 0.084 $\chi^2/\text{NDF}: 39490.7/20$

Out: 6.491 ± 0.076 $\chi^2/\text{NDF}: 32476.7/24$

All: 6.900 ± 0.056 $\chi^2/\text{NDF}: 72032.3/45$

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: -0.850 ± 0.103 χ^2/NDF : 358.2/5

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.602 ± 0.119 χ^2/NDF : 688.6/3

Left: -1.172 ± 0.078 χ^2/NDF : 1069.6/9

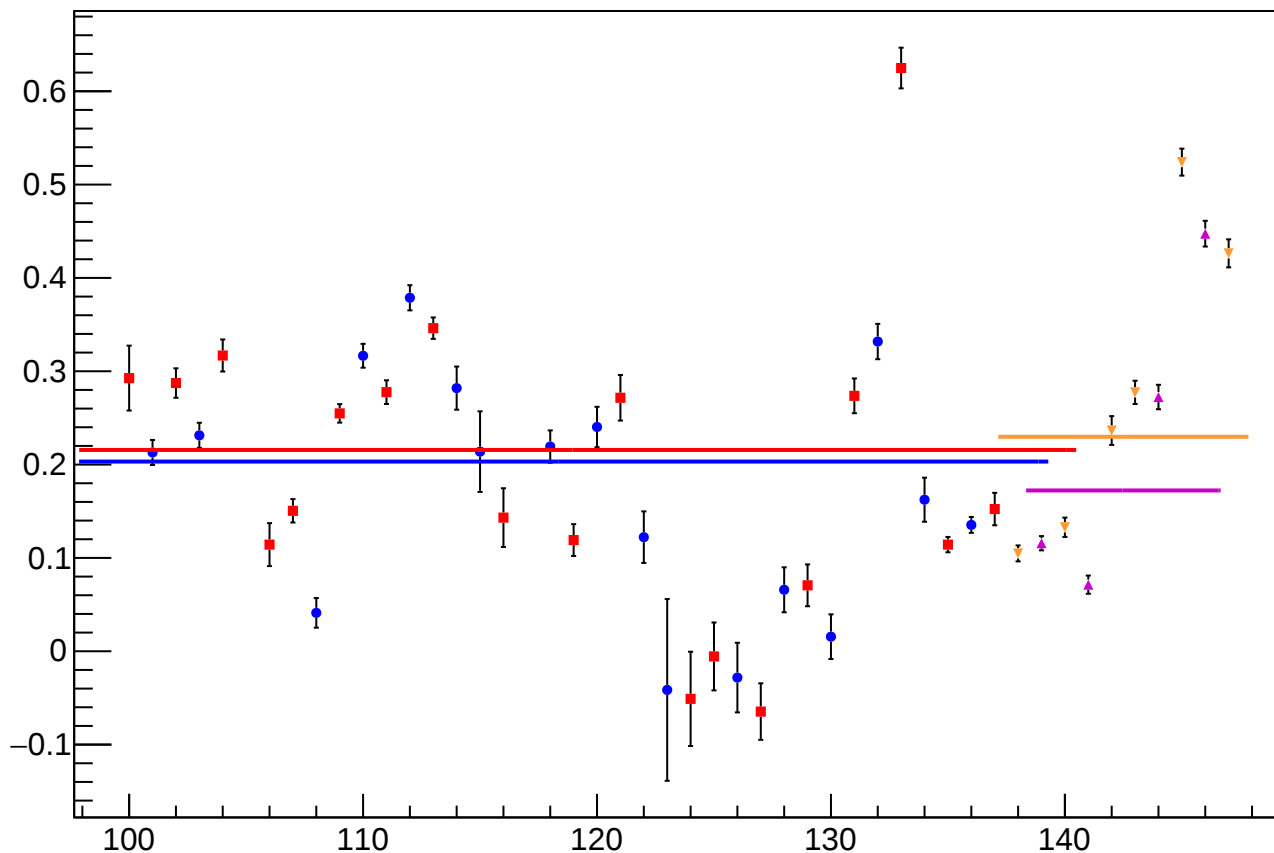
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.589 ± 0.061 χ^2/NDF : 1960.8/20

Out: -1.312 ± 0.055 χ^2/NDF : 1890.0/24

All: -1.438 ± 0.041 χ^2/NDF : 3862.2/45

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.230 $\pm$ 0.005 χ^2 /NDF:902.4/5

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:618.1/3

Left: 0.203 $\pm$ 0.003 χ^2 /NDF: 1587.9/9

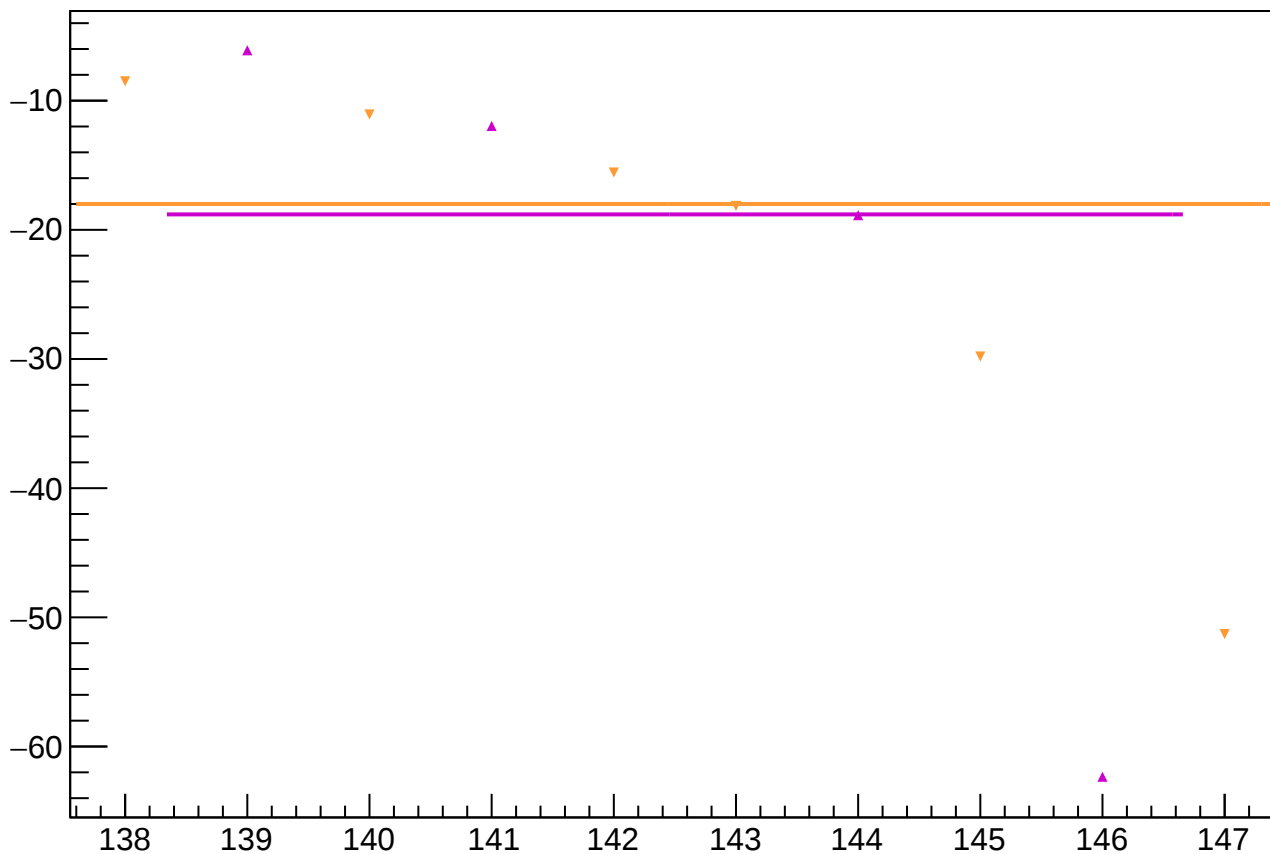
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.191 $\pm$ 0.003 χ^2 /NDF:1273.3/20

Out: 0.221 $\pm$ 0.003 χ^2 /NDF:1945.7/24

All: 0.207 $\pm$ 0.002 χ^2 /NDF: 3266.6/45

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: -18.000+/-0.113 χ^2/NDF :13466.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.804+/-0.123 χ^2/NDF :23972.1/3

Left: -18.367+/-0.083 χ^2/NDF : 37461.3/9

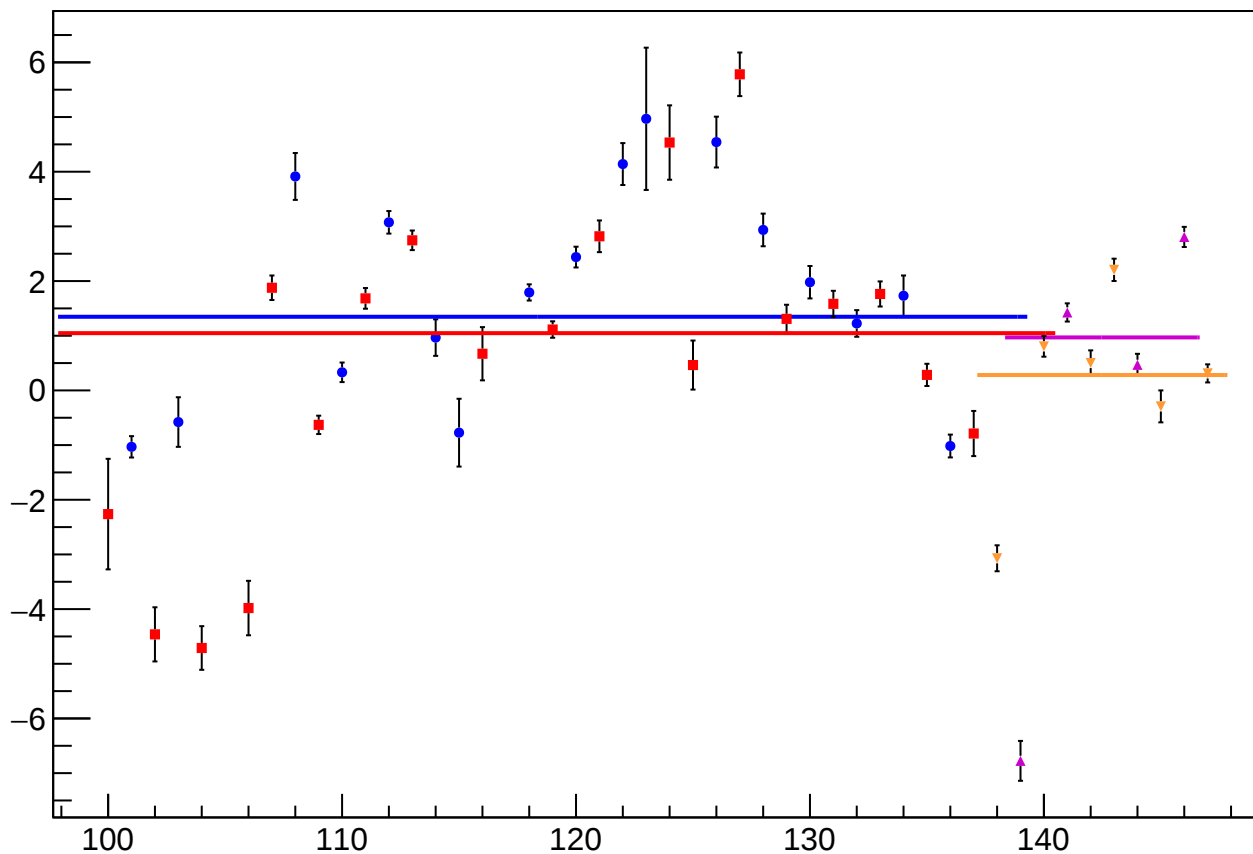
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.804+/-0.123 χ^2/NDF :23972.1/3

Out: -18.000+/-0.113 χ^2/NDF :13466.1/5

All: -18.367+/-0.083 χ^2/NDF : 37461.3/9

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 0.282 $\pm$ 0.085 χ^2 /NDF:300.6/5

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 0.969 $\pm$ 0.101 χ^2 /NDF:563.7/3

Left: 0.568 $\pm$ 0.065 χ^2 /NDF: 891.2/9

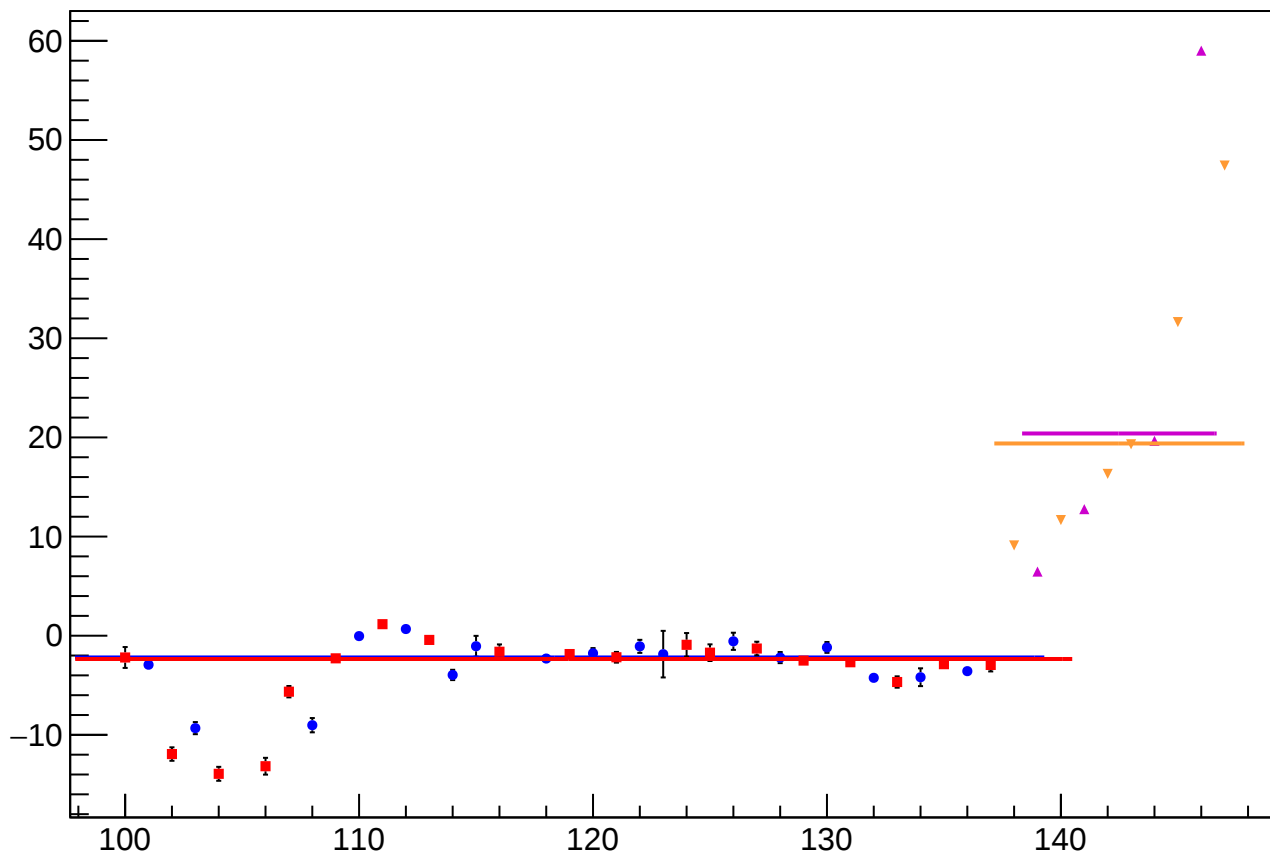
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.243 $\pm$ 0.053 χ^2 /NDF:1204.0/20

Out: 0.799 $\pm$ 0.049 χ^2 /NDF:1270.9/24

All: 1.002 $\pm$ 0.036 χ^2 /NDF: 2512.9/45

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: 19.390 ± 0.119 $\chi^2/\text{NDF}: 11787.4/5$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 20.398 ± 0.130 $\chi^2/\text{NDF}: 21517.1/3$

Left: 19.851 ± 0.088 $\chi^2/\text{NDF}: 33337.3/9$

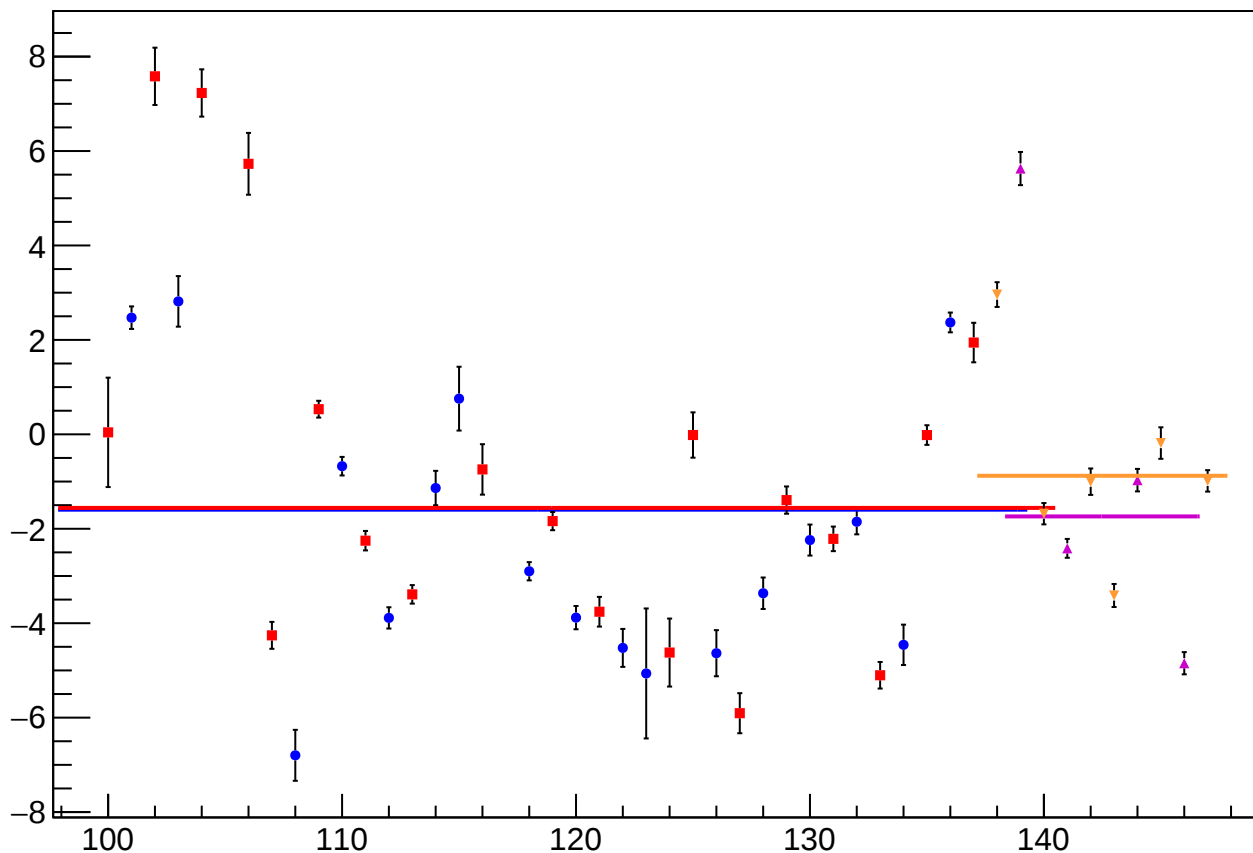
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 7.548 ± 0.085 $\chi^2/\text{NDF}: 39263.5/20$

Out: 6.730 ± 0.077 $\chi^2/\text{NDF}: 32089.6/24$

All: 7.098 ± 0.057 $\chi^2/\text{NDF}: 71403.9/45$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -0.878 ± 0.104 $\chi^2/\text{NDF}: 339.9/5$

Right Out: -1.558 ± 0.067 $\chi^2/\text{NDF}: 1463.8/18$

Left In: -1.738 ± 0.120 $\chi^2/\text{NDF}: 635.8/3$

Left: -1.246 ± 0.079 $\chi^2/\text{NDF}: 1004.9/9$

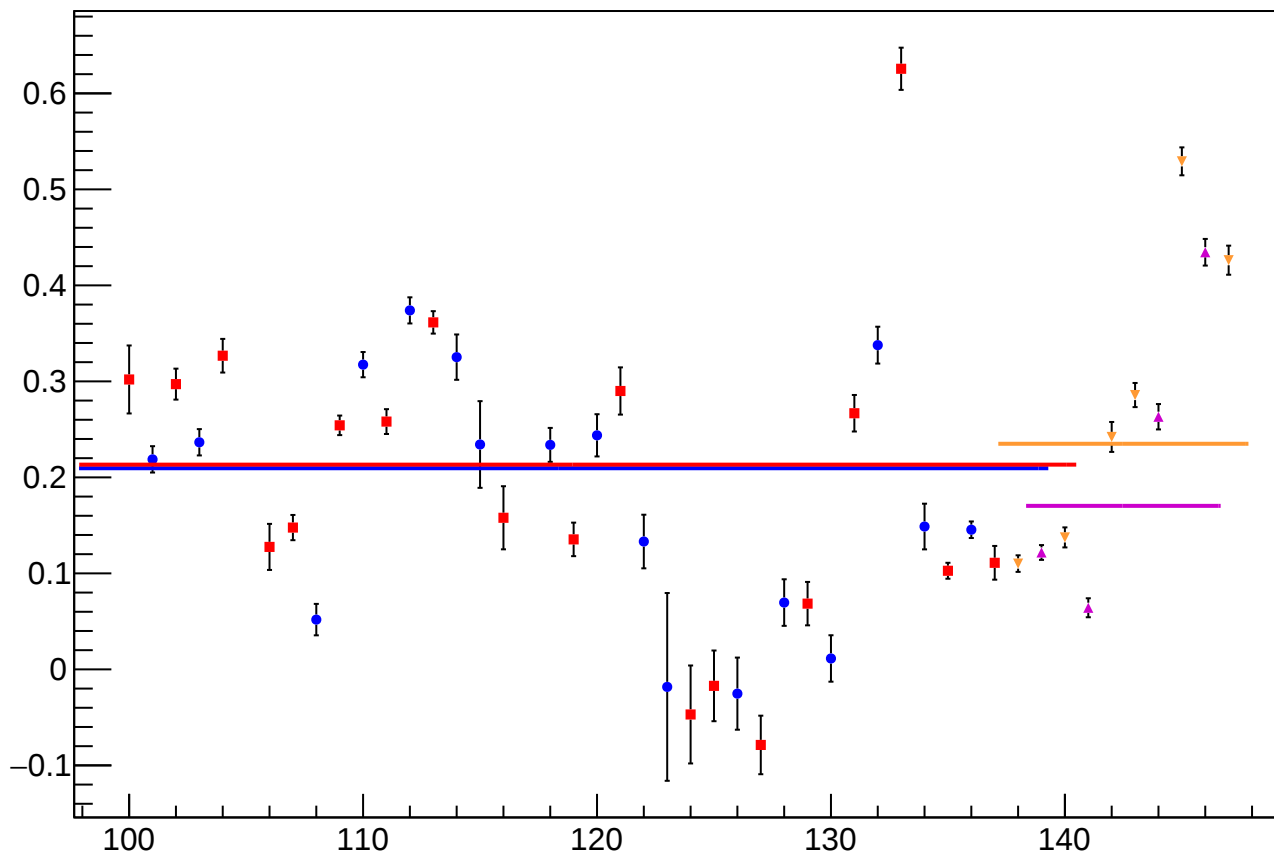
Right: -1.575 ± 0.049 $\chi^2/\text{NDF}: 2719.3/35$

In: -1.633 ± 0.062 $\chi^2/\text{NDF}: 1892.3/20$

Out: -1.360 ± 0.056 $\chi^2/\text{NDF}: 1833.9/24$

All: -1.484 ± 0.042 $\chi^2/\text{NDF}: 3736.9/45$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.235 ± 0.005 $\chi^2/\text{NDF}: 881.8/5$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1103.2/18$

Left In: 0.170 ± 0.005 $\chi^2/\text{NDF}: 566.7/3$

Left: 0.204 ± 0.004 $\chi^2/\text{NDF}: 1532.0/9$

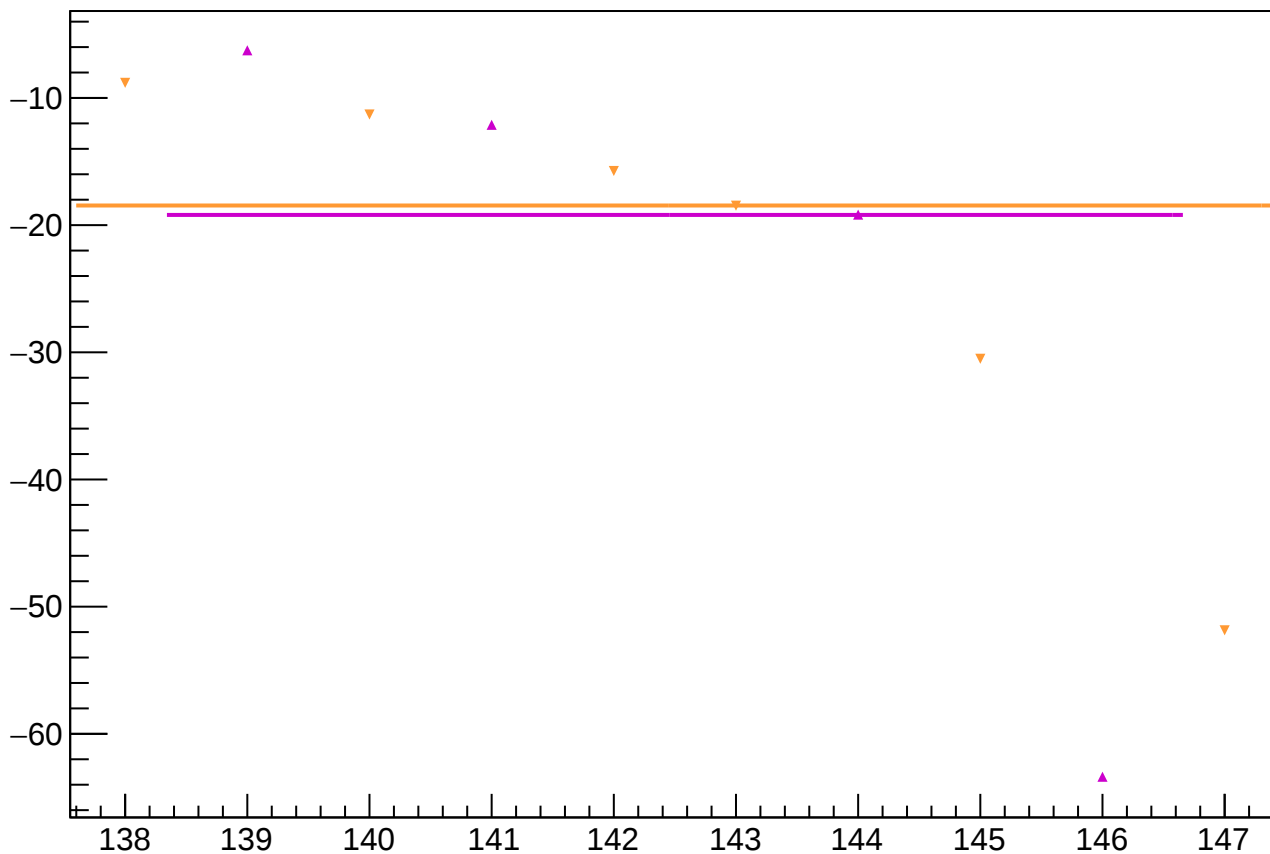
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.194 ± 0.003 $\chi^2/\text{NDF}: 1199.3/20$

Out: 0.221 ± 0.003 $\chi^2/\text{NDF}: 1997.5/24$

All: 0.209 ± 0.002 $\chi^2/\text{NDF}: 3236.0/45$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.456+/-0.115 χ^2/NDF :13269.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.197+/-0.126 χ^2/NDF :23921.8/3

Left: -18.795+/-0.085 χ^2/NDF : 37210.3/9

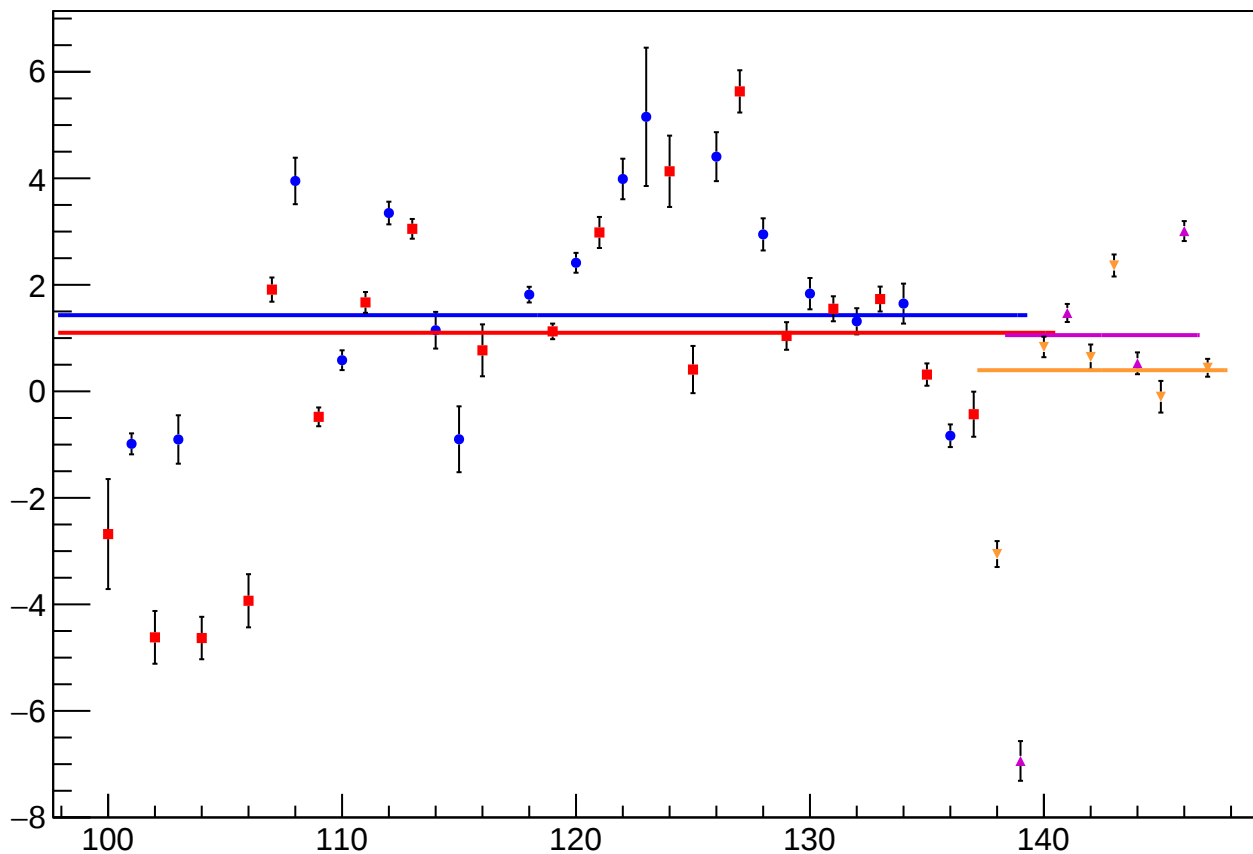
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.197+/-0.126 χ^2/NDF :23921.8/3

Out: -18.456+/-0.115 χ^2/NDF :13269.7/5

All: -18.795+/-0.085 χ^2/NDF : 37210.3/9

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 0.397 $\pm$ 0.087 χ^2 /NDF:300.4/5

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 1.056 $\pm$ 0.103 χ^2 /NDF:581.0/3

Left: 0.671 $\pm$ 0.066 χ^2 /NDF: 905.3/9

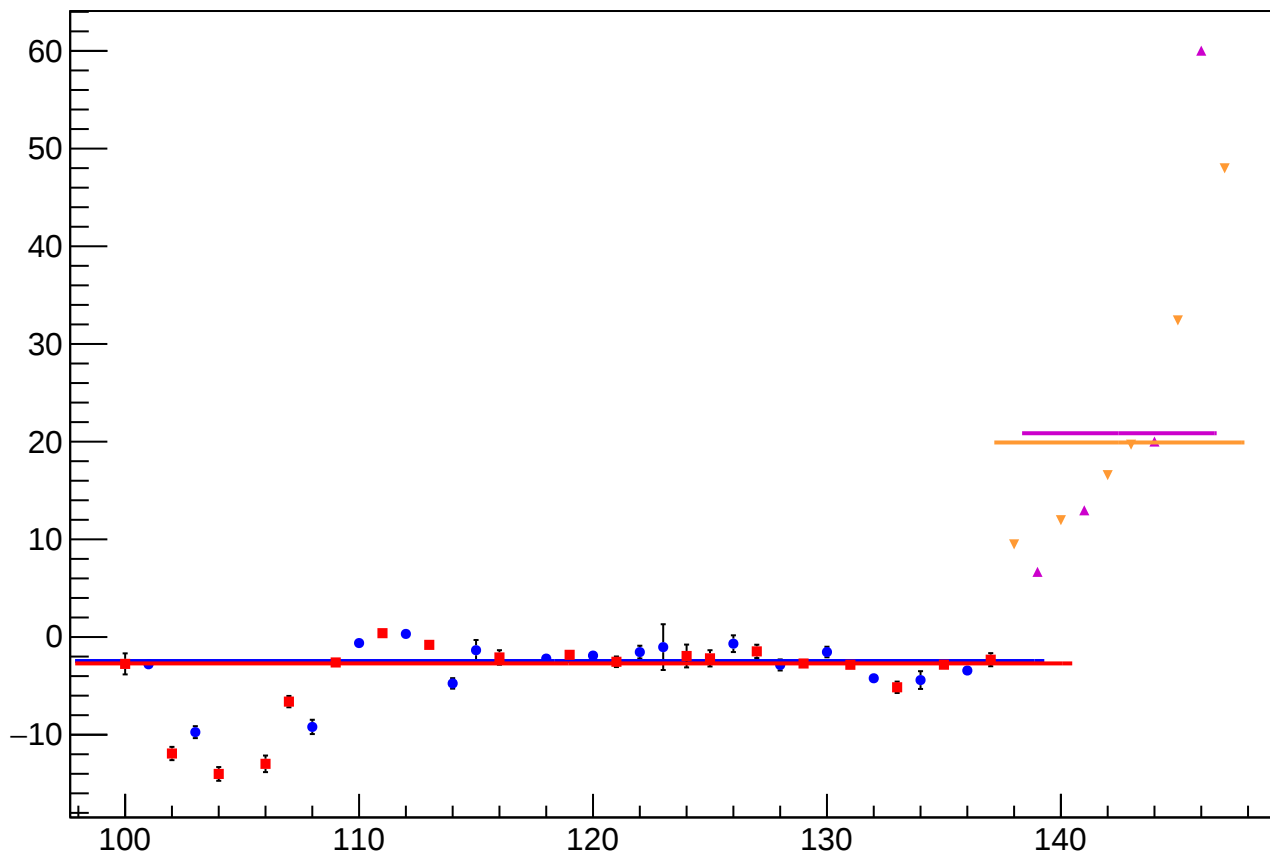
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.329 $\pm$ 0.054 χ^2 /NDF:1188.7/20

Out: 0.873 $\pm$ 0.049 χ^2 /NDF:1245.7/24

All: 1.082 $\pm$ 0.036 χ^2 /NDF: 2473.5/45

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 19.916 ± 0.122 $\chi^2/\text{NDF}: 11587.5/5$

Right Out: -2.700 ± 0.103 $\chi^2/\text{NDF}: 829.7/18$

Left In: 20.862 ± 0.132 $\chi^2/\text{NDF}: 21455.7/3$

Left: 20.349 ± 0.089 $\chi^2/\text{NDF}: 33071.0/9$

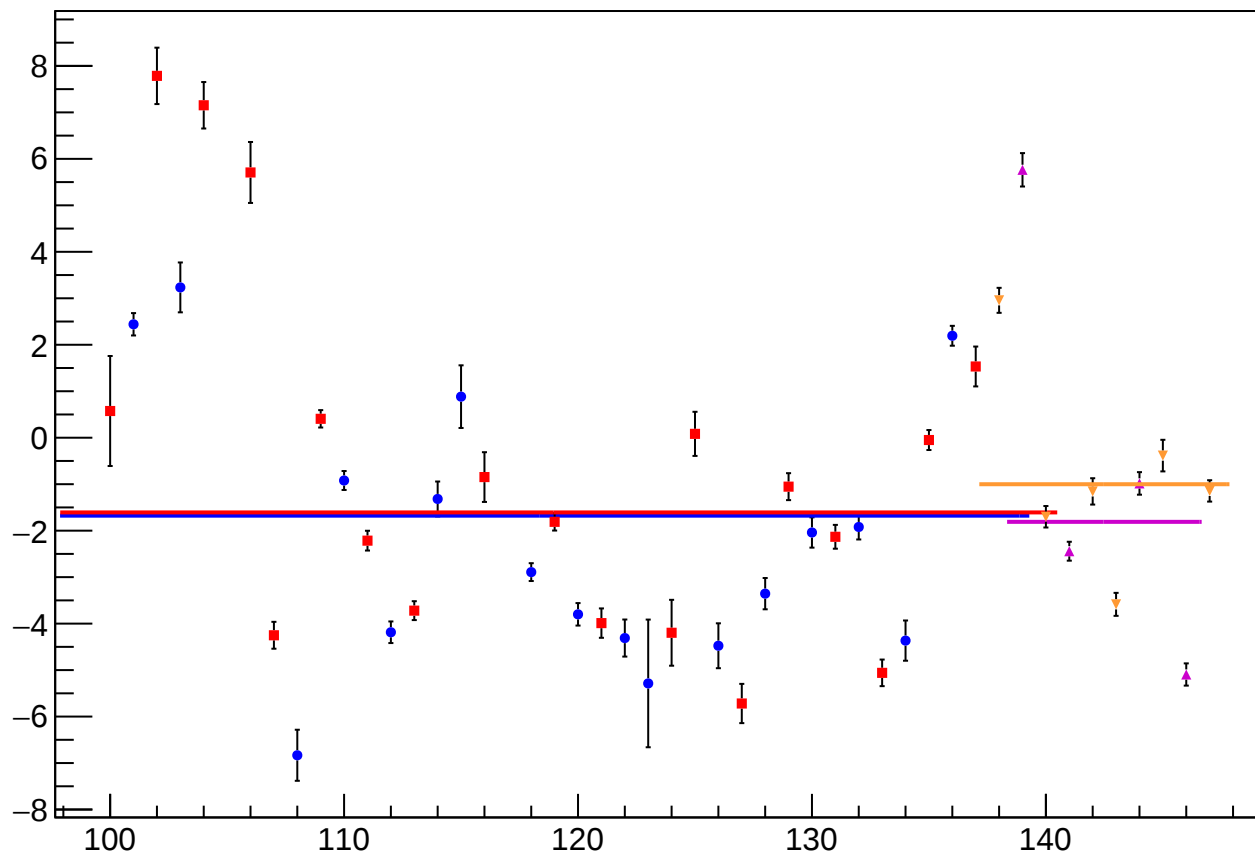
Right: -2.591 ± 0.077 $\chi^2/\text{NDF}: 1251.4/35$

In: 7.548 ± 0.087 $\chi^2/\text{NDF}: 39649.5/20$

Out: 6.763 ± 0.079 $\chi^2/\text{NDF}: 32556.9/24$

All: 7.118 ± 0.058 $\chi^2/\text{NDF}: 72251.5/45$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.001 ± 0.106 χ^2/NDF : 338.9/5

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.810 ± 0.123 χ^2/NDF : 654.4/3

Left: -1.347 ± 0.080 χ^2/NDF : 1018.2/9

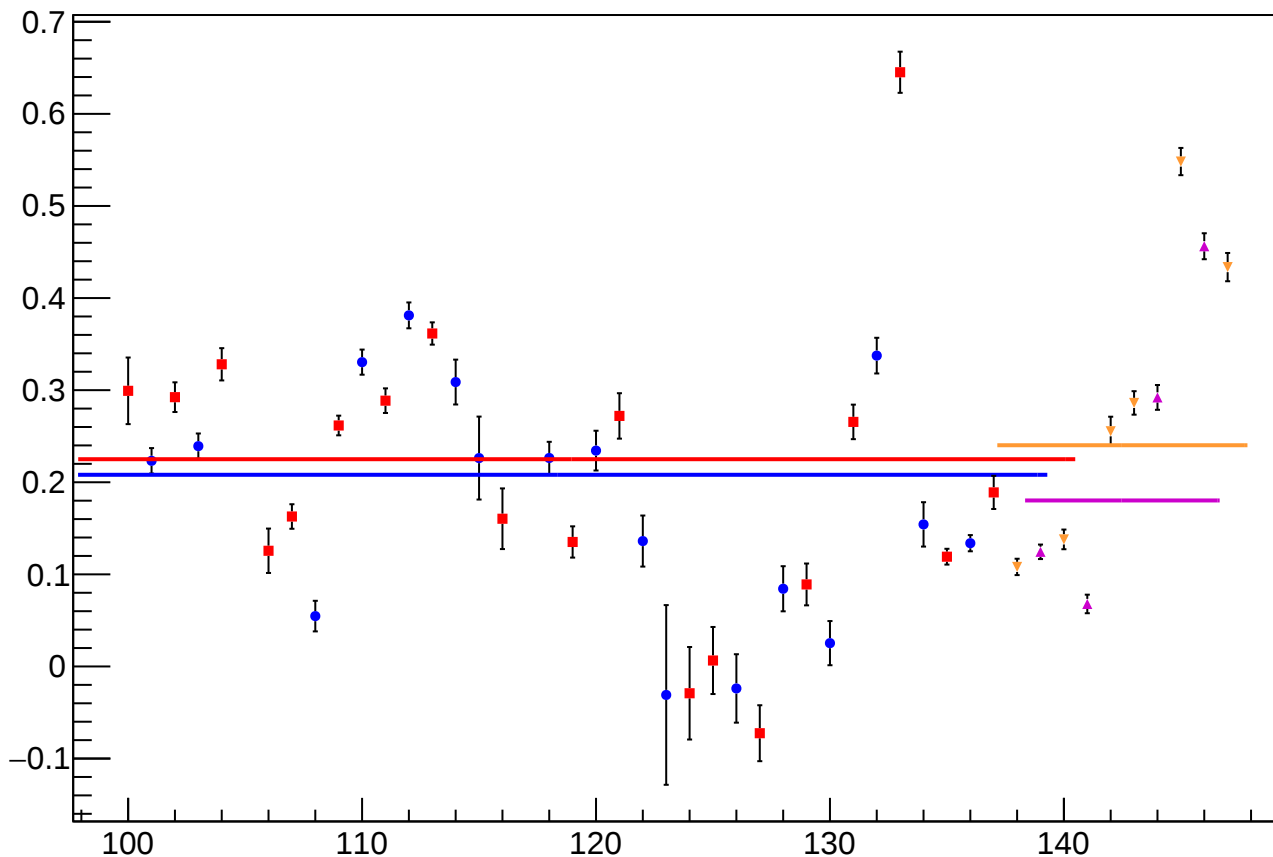
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.711 ± 0.062 χ^2/NDF : 1860.0/20

Out: -1.431 ± 0.057 χ^2/NDF : 1792.8/24

All: -1.559 ± 0.042 χ^2/NDF : 3663.8/45

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$

Left Out: 0.240 ± 0.005 $\chi^2/\text{NDF}: 919.4/5$

Right Out: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1000.0/18$

Left In: 0.180 ± 0.005 $\chi^2/\text{NDF}: 626.8/3$

Left: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1615.2/9$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1609.0/35$

In: 0.197 ± 0.003 $\chi^2/\text{NDF}: 1244.0/20$

Out: 0.231 ± 0.003 $\chi^2/\text{NDF}: 1925.3/24$

All: 0.215 ± 0.002 $\chi^2/\text{NDF}: 3225.7/45$