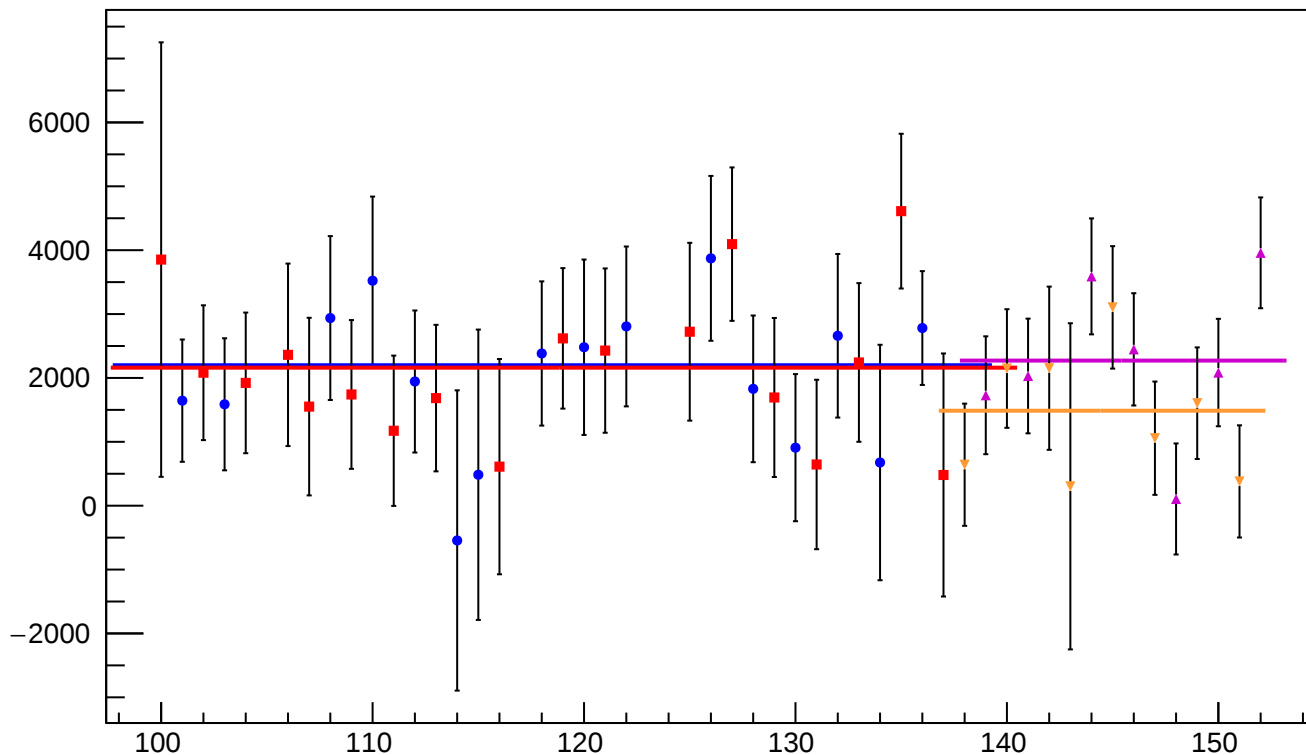


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1487.039+/-353.872

Right Out: 2160.742+/-303.587

Left In: 2271.767+/-333.544

χ^2/NDF : 8.6/15

χ^2/NDF : 6.5/7

χ^2/NDF : 11.7/17

χ^2/NDF : 12.6/6

Left: 1902.588+/-242.720

Right: 2179.612+/-215.784

In: 2232.281+/-225.791

Out: 1875.118+/-230.414

All: 2057.318+/-161.268

χ^2/NDF : 21.7/14

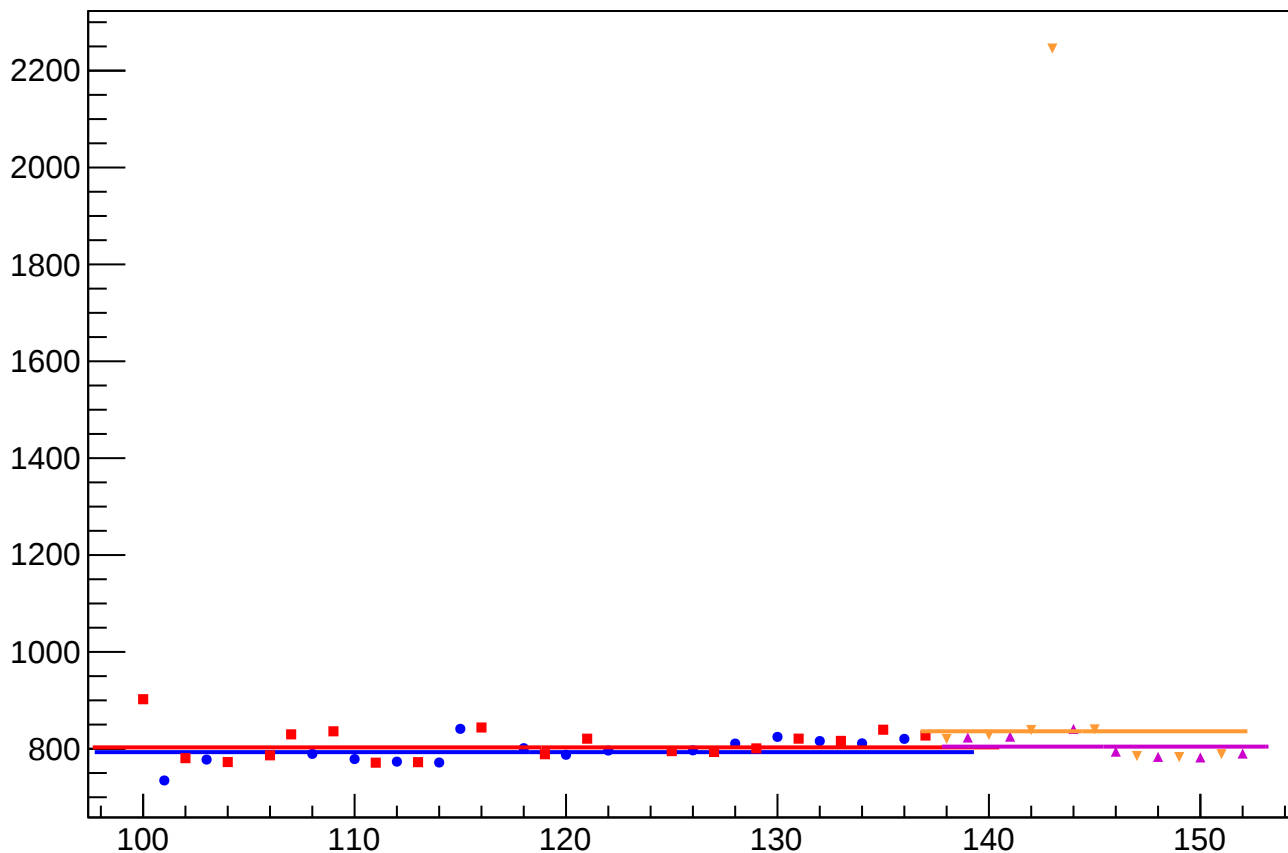
χ^2/NDF : 20.3/33

χ^2/NDF : 21.2/22

χ^2/NDF : 20.2/25

χ^2/NDF : 42.7/48

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 836.178+/-0.250 χ^2/NDF : 630142.5/7

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

Left In: 804.488+/-0.236 χ^2/NDF : 8520.0/6

Left: 819.397+/-0.172 χ^2/NDF : 647156.0/14

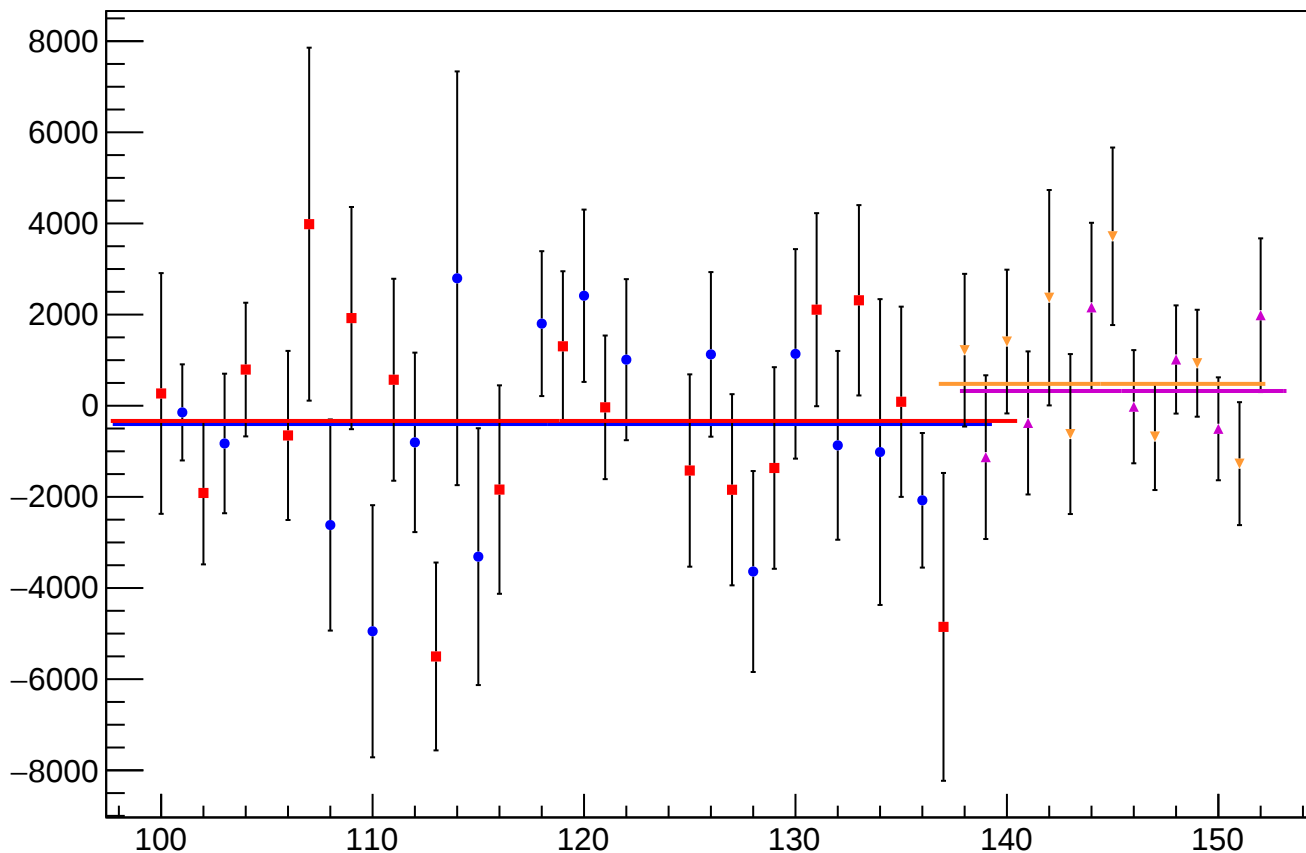
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 798.314+/-0.160 χ^2/NDF : 24488.2/22

Out: 817.035+/-0.163 χ^2/NDF : 654748.3/25

All: 807.485+/-0.114 χ^2/NDF : 685972.0/48

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 479.699 ± 532.479 $\chi^2/\text{NDF}: 7.1/7$

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

Left In: 323.466 ± 534.550 $\chi^2/\text{NDF}: 3.8/6$

Left: 401.886 ± 377.250 $\chi^2/\text{NDF}: 10.9/14$

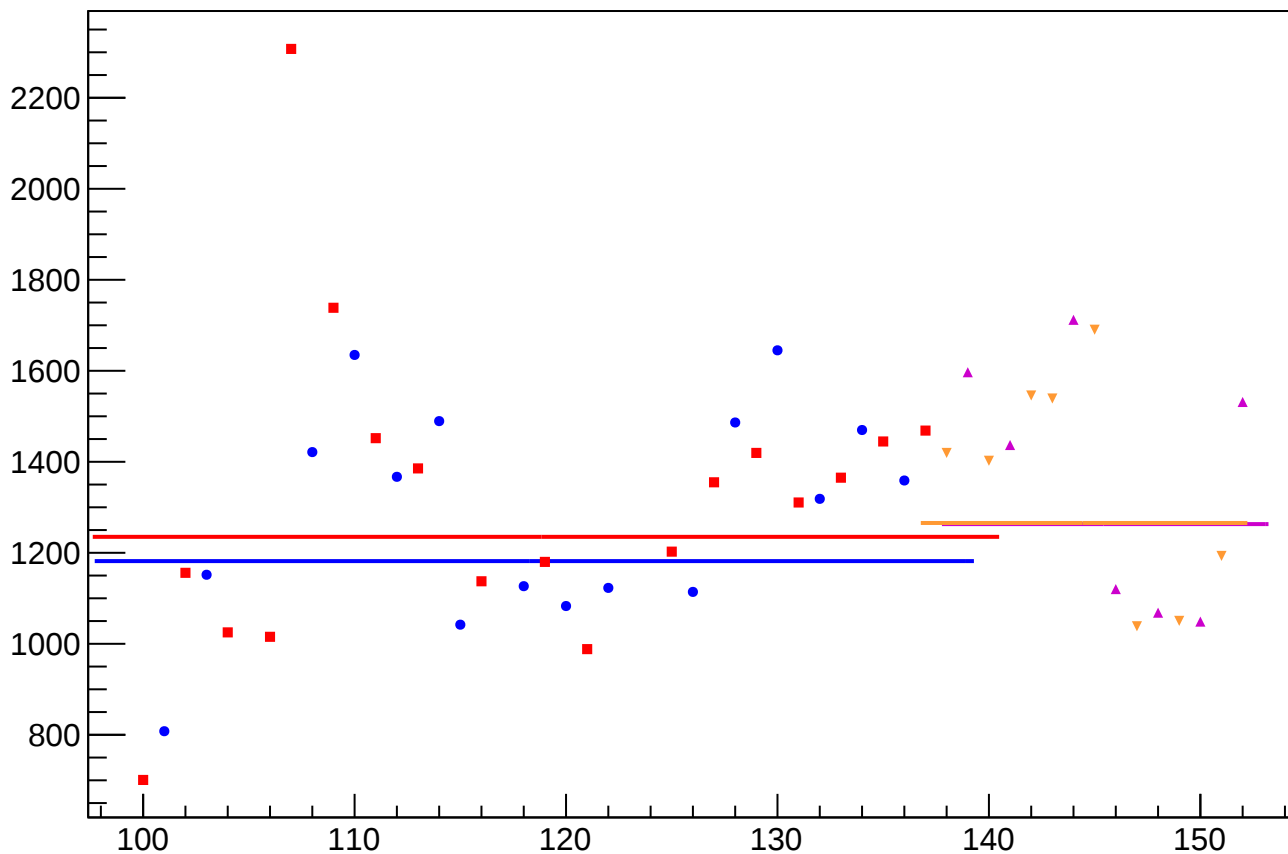
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -86.400 ± 352.403 $\chi^2/\text{NDF}: 19.6/22$

Out: 29.508 ± 355.899 $\chi^2/\text{NDF}: 25.9/25$

All: -29.018 ± 250.413 $\chi^2/\text{NDF}: 45.6/48$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1265.552 $\pm$ 0.377 χ^2/NDF : 351461.7/7

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

Left In: 1263.087 $\pm$ 0.378 χ^2/NDF : 413537.1/6

Left: 1264.324 $\pm$ 0.267 χ^2/NDF : 765020.1/14

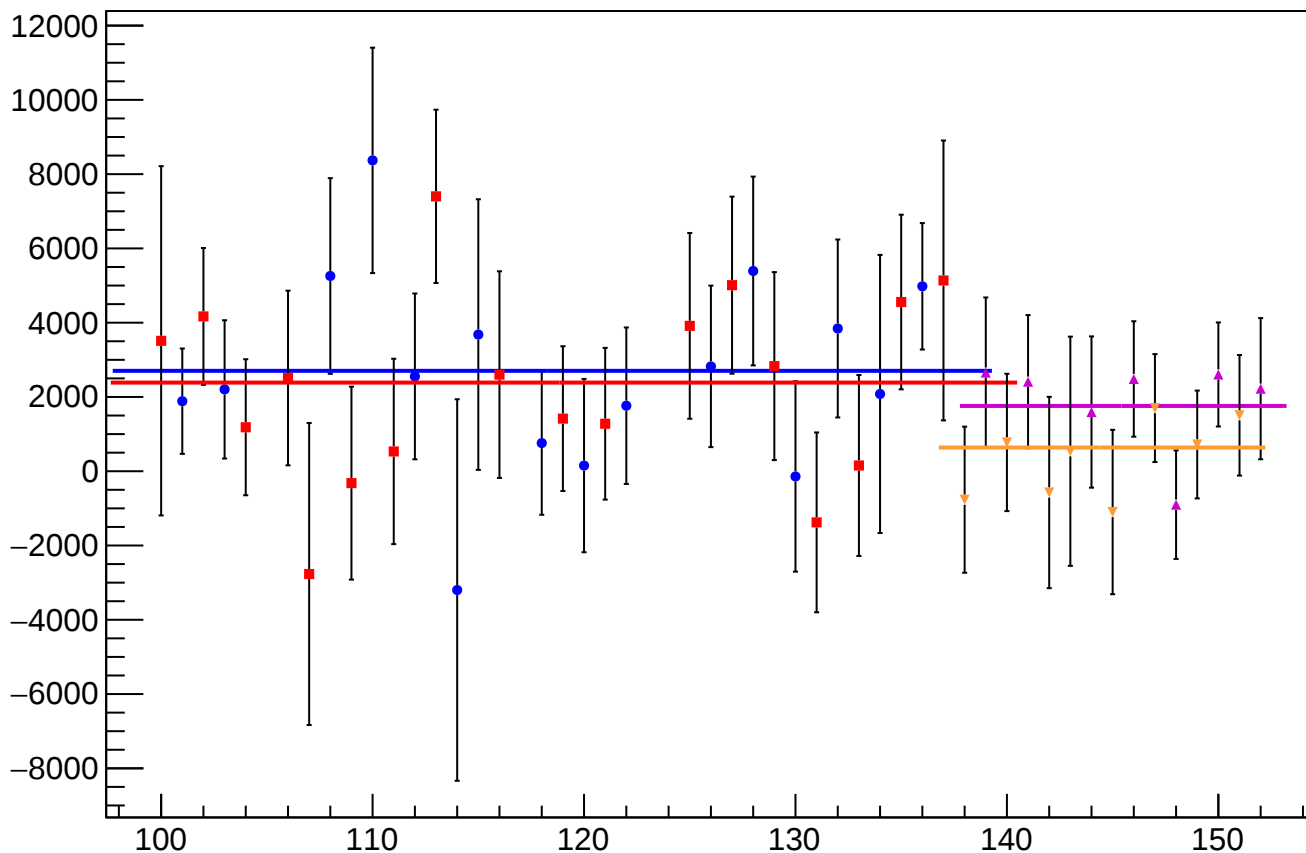
Right: 1207.878 $\pm$ 0.237 χ^2/NDF : 1096424.2/33

In: 1217.109 $\pm$ 0.249 χ^2/NDF : 983199.9/22

Out: 1248.700 $\pm$ 0.252 χ^2/NDF : 895334.5/25

All: 1232.749 $\pm$ 0.177 χ^2/NDF : 1886491.1/48

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 638.827 $\pm$ 653.921 χ^2/NDF : 2.2/7

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

Left In: 1758.458 $\pm$ 636.912 χ^2/NDF : 4.3/6

Left: 1213.393 $\pm$ 456.260 χ^2/NDF : 8.0/14

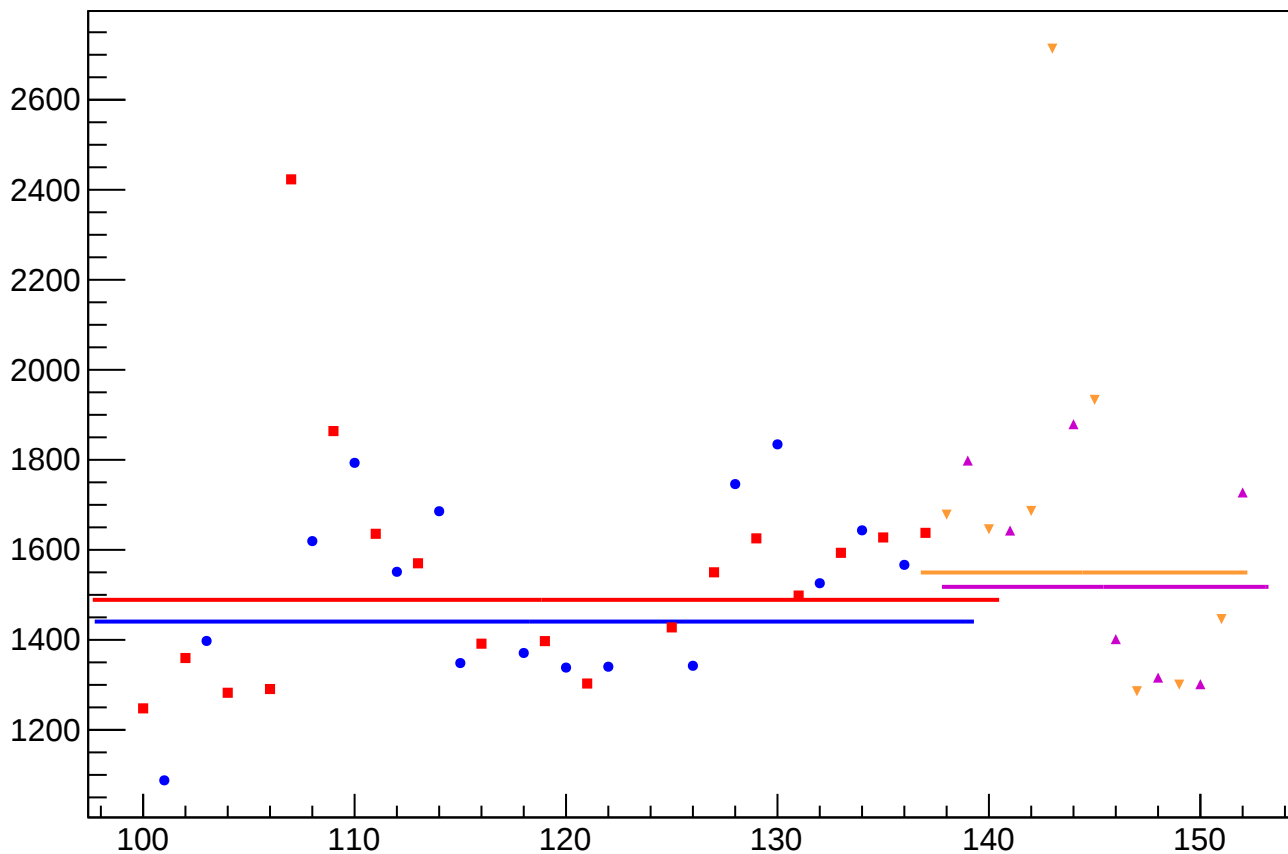
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

In: 2287.834 $\pm$ 422.456 χ^2/NDF : 18.6/22

Out: 1633.522 $\pm$ 429.363 χ^2/NDF : 22.3/25

All: 1965.983 $\pm$ 301.134 χ^2/NDF : 42.1/48

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1549.684 $\pm$ 0.462 χ^2/NDF : 497036.0/7

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

Left In: 1517.803 $\pm$ 0.450 χ^2/NDF : 232455.2/6

Left: 1533.323 $\pm$ 0.323 χ^2/NDF : 731930.8/14

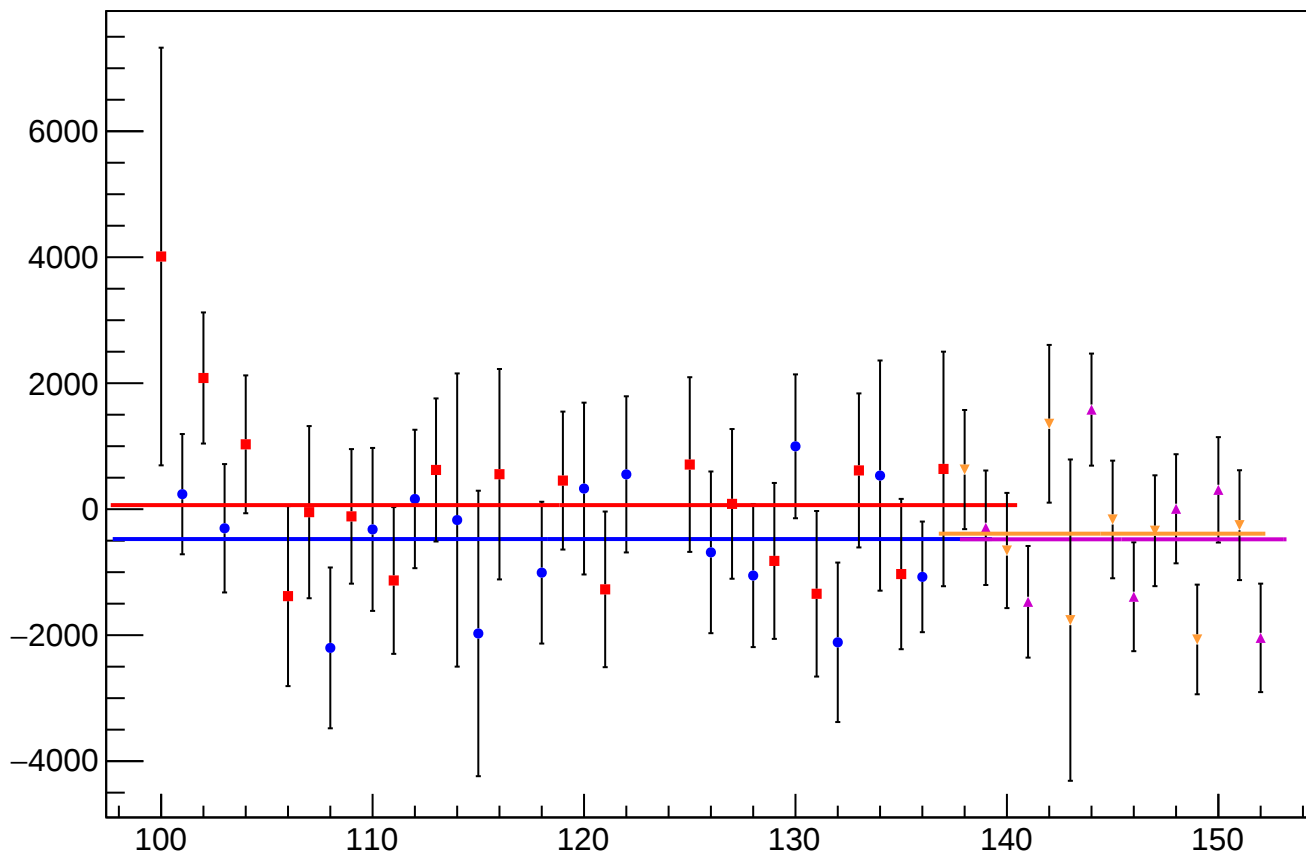
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1474.595 $\pm$ 0.299 χ^2/NDF : 531153.1/22

Out: 1515.130 $\pm$ 0.304 χ^2/NDF : 763694.9/25

All: 1494.534 $\pm$ 0.213 χ^2/NDF : 1303905.3/48

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -388.703 ± 349.651 $\chi^2/\text{NDF}: 7.3/7$

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

Left In: -478.279 ± 329.734 $\chi^2/\text{NDF}: 12.3/6$

Left: -436.115 ± 239.889 $\chi^2/\text{NDF}: 19.6/14$

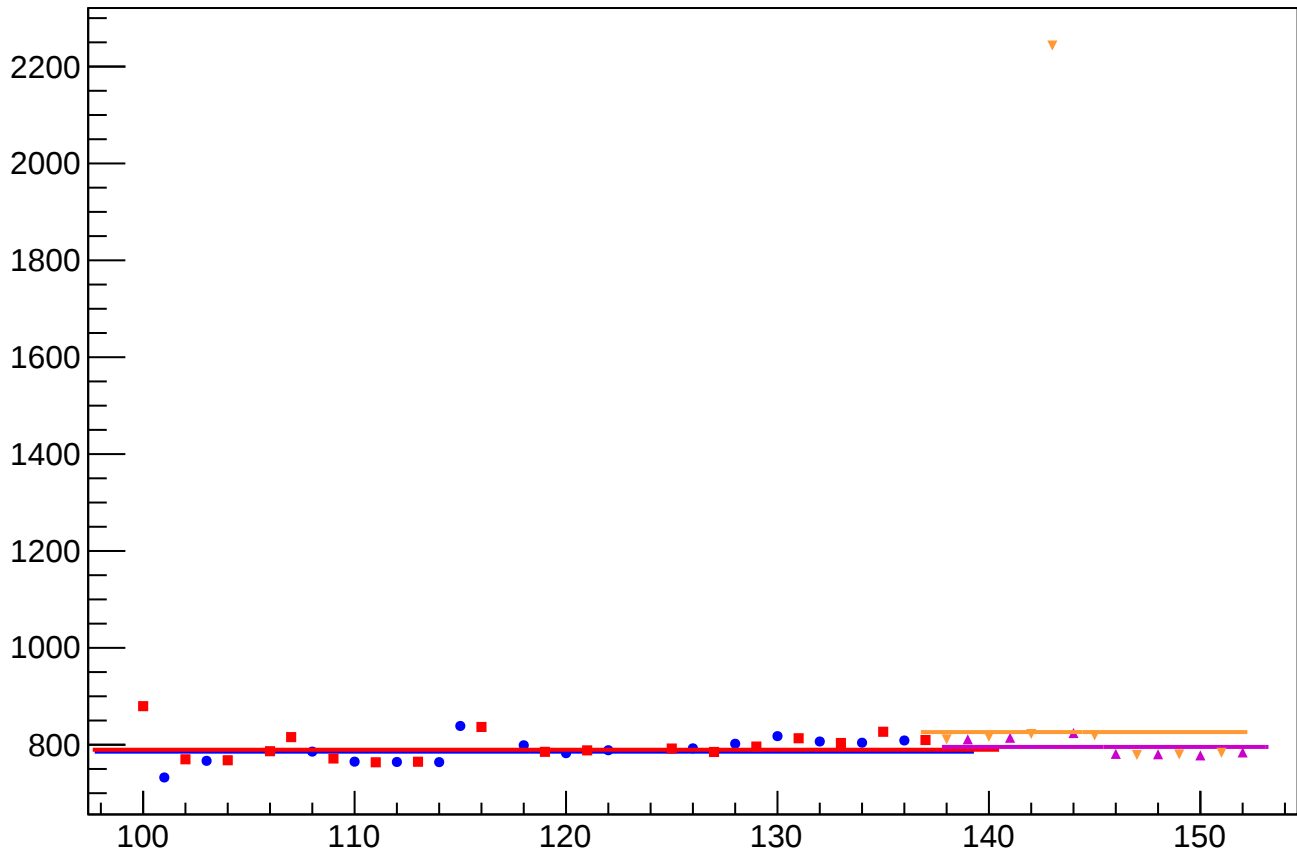
Right: -199.789 ± 212.921 $\chi^2/\text{NDF}: 23.2/33$

In: -476.039 ± 223.471 $\chi^2/\text{NDF}: 21.1/22$

Out: -126.372 ± 226.977 $\chi^2/\text{NDF}: 21.0/25$

All: -303.927 ± 159.243 $\chi^2/\text{NDF}: 43.3/48$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 826.180 $\pm$ 0.247 χ^2 /NDF: 634624.7/7

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

Left In: 795.480 $\pm$ 0.233 χ^2 /NDF: 5970.5/6

Left: 809.931 $\pm$ 0.170 χ^2 /NDF: 648755.8/14

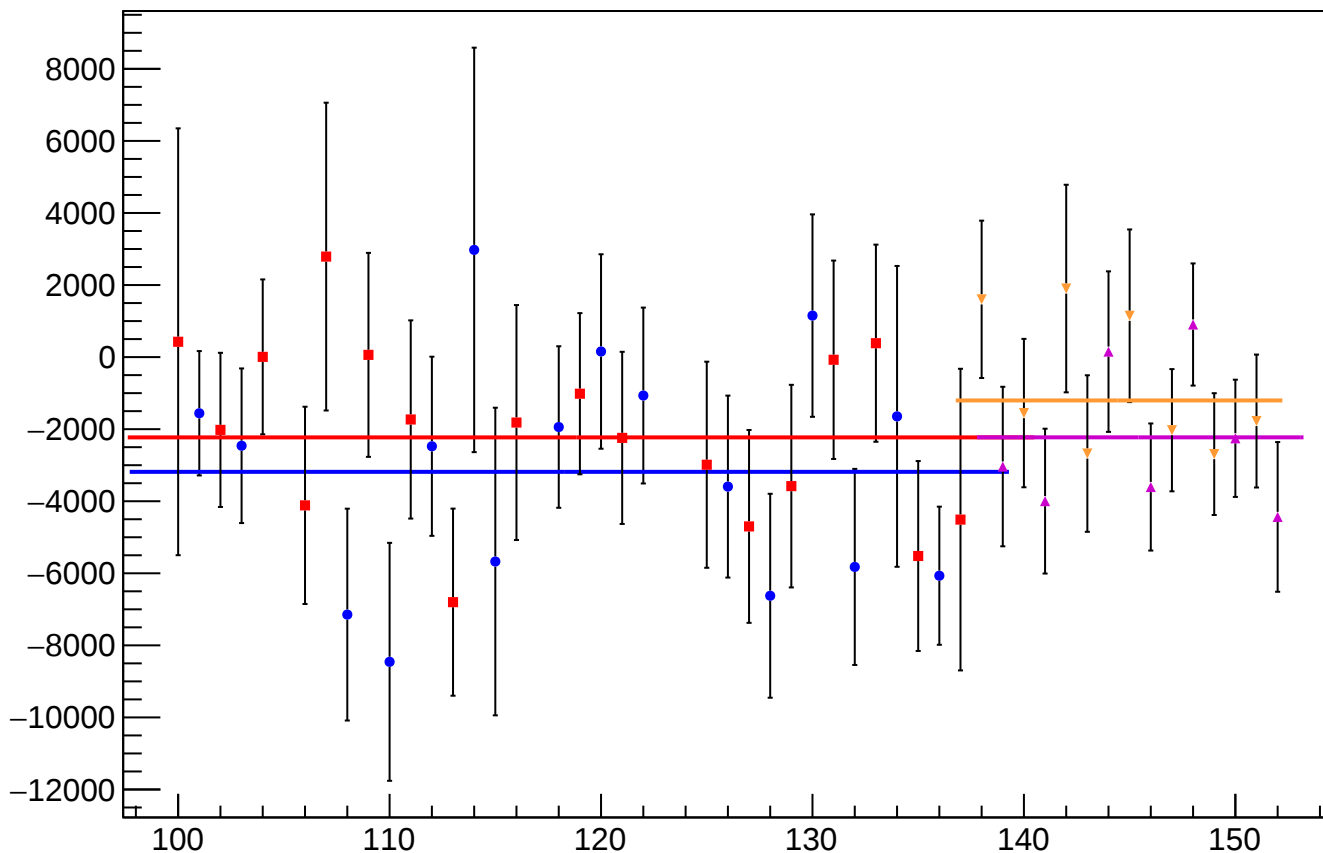
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 790.217 $\pm$ 0.158 χ^2 /NDF: 20834.5/22

Out: 805.058 $\pm$ 0.160 χ^2 /NDF: 658248.4/25

All: 797.522 $\pm$ 0.113 χ^2 /NDF: 683424.8/48

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$

Left Out: -1202.645 ± 717.260 $\chi^2/\text{NDF}: 5.4/7$

Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$

Left In: -2226.685 ± 719.432 $\chi^2/\text{NDF}: 7.2/6$

Left: -1713.117 ± 507.946 $\chi^2/\text{NDF}: 13.6/14$

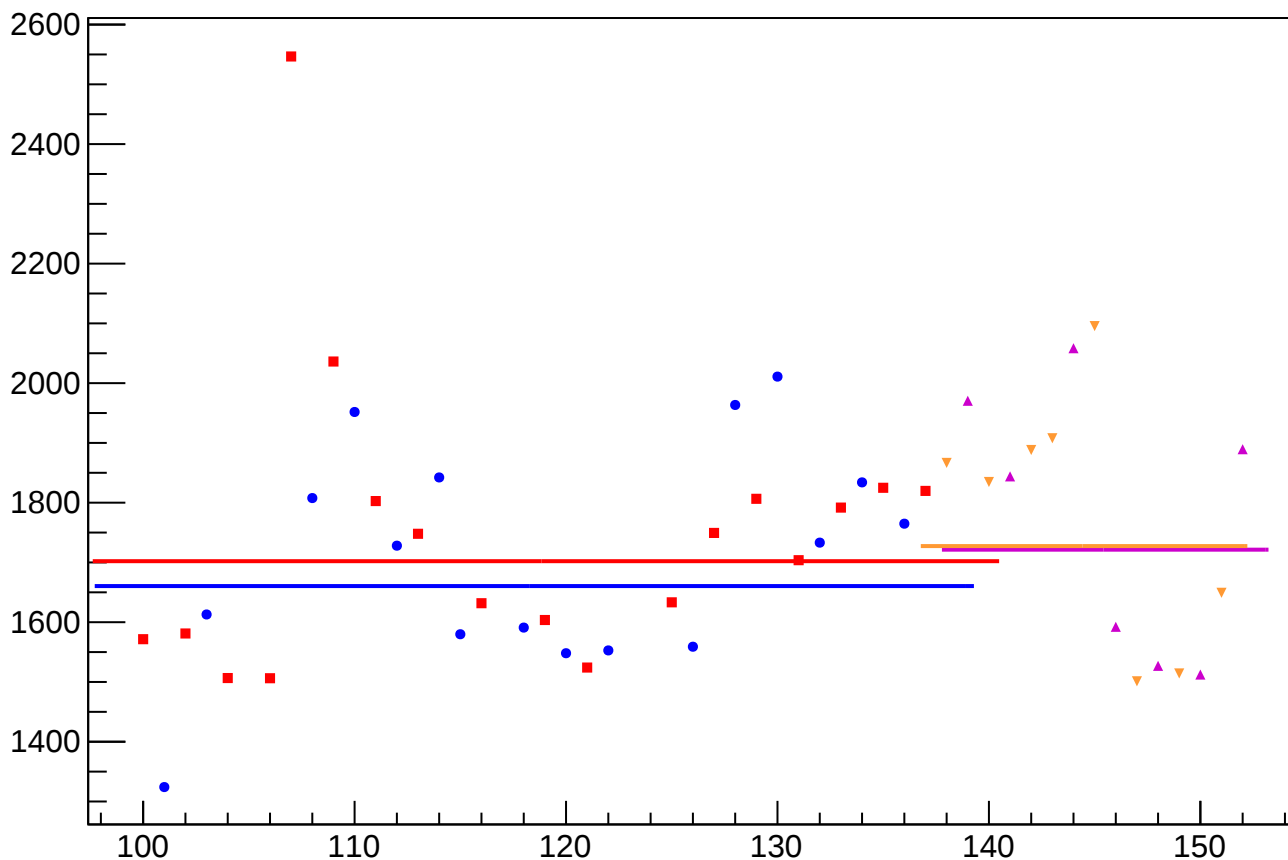
Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$

In: -2755.970 ± 481.222 $\chi^2/\text{NDF}: 25.0/22$

Out: -1767.223 ± 480.850 $\chi^2/\text{NDF}: 18.3/25$

All: -2261.214 ± 340.144 $\chi^2/\text{NDF}: 45.4/48$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1727.363 $\pm$ 0.507 χ^2 /NDF: 151757.0/7

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

Left In: 1721.367 $\pm$ 0.509 χ^2 /NDF: 161656.3/6

Left: 1724.374 $\pm$ 0.359 χ^2 /NDF: 313483.0/14

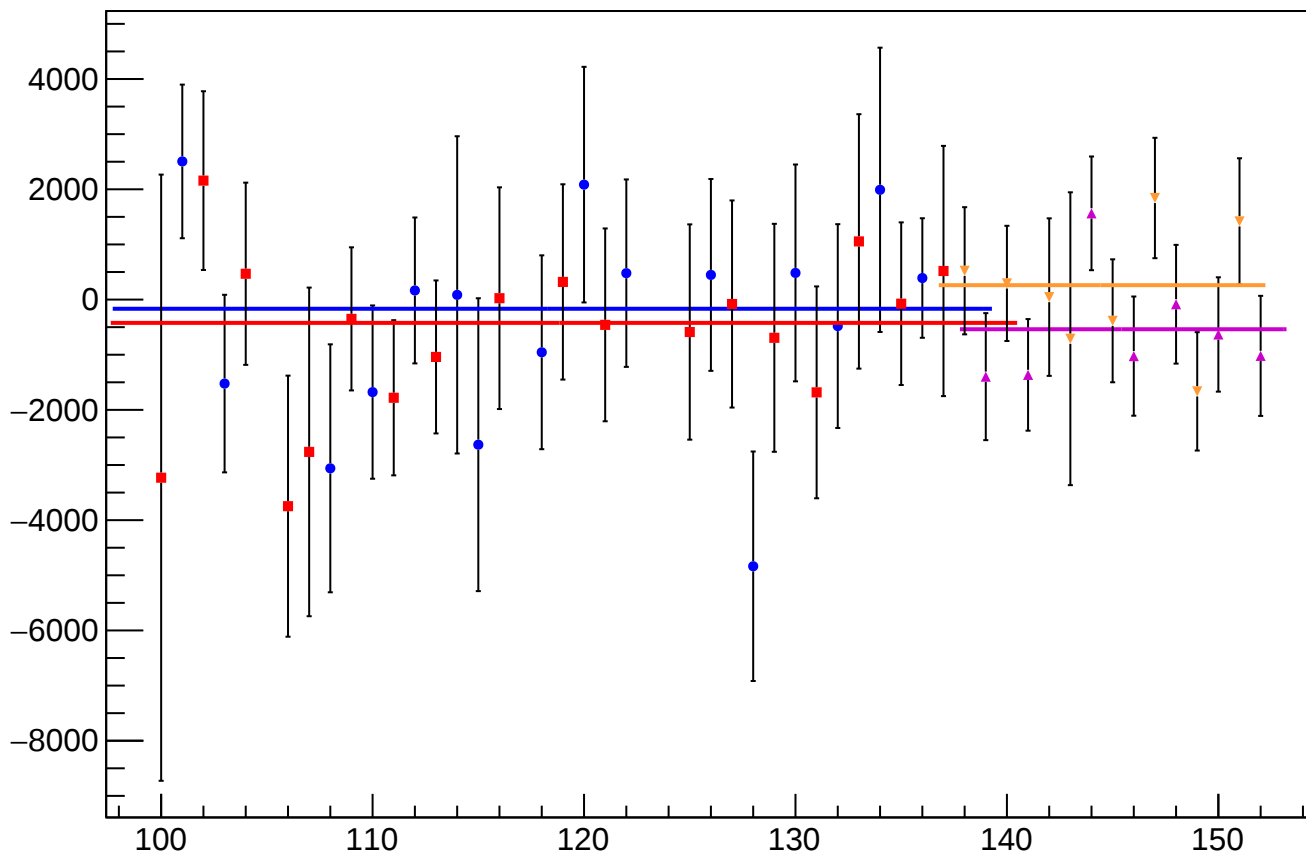
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1687.712 $\pm$ 0.340 χ^2 /NDF: 348783.0/22

Out: 1713.453 $\pm$ 0.340 χ^2 /NDF: 325131.6/25

All: 1700.592 $\pm$ 0.241 χ^2 /NDF: 676778.2/48

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 261.269 ± 423.504 $\chi^2/\text{NDF}: 6.9/7$

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

Left In: -537.888 ± 402.799 $\chi^2/\text{NDF}: 6.0/6$

Left: -158.321 ± 291.867 $\chi^2/\text{NDF}: 14.7/14$

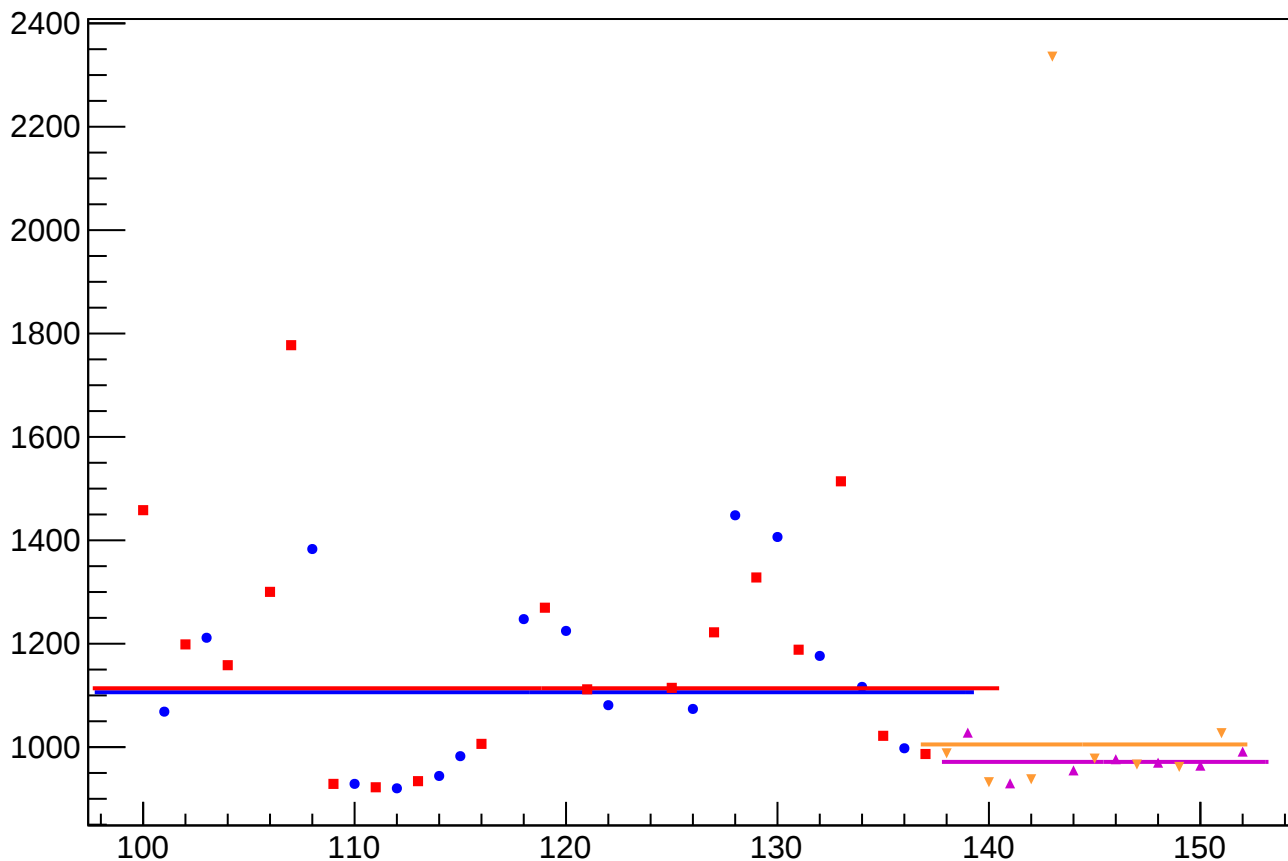
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -365.394 ± 294.820 $\chi^2/\text{NDF}: 22.0/22$

Out: -77.478 ± 300.803 $\chi^2/\text{NDF}: 16.3/25$

All: -224.328 ± 210.553 $\chi^2/\text{NDF}: 38.8/48$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1005.155+/-0.299 χ^2/NDF : 524507.8/7

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

Left In: 971.404+/-0.285 χ^2/NDF : 9514.5/6

Left: 987.435+/-0.206 χ^2/NDF : 540691.6/14

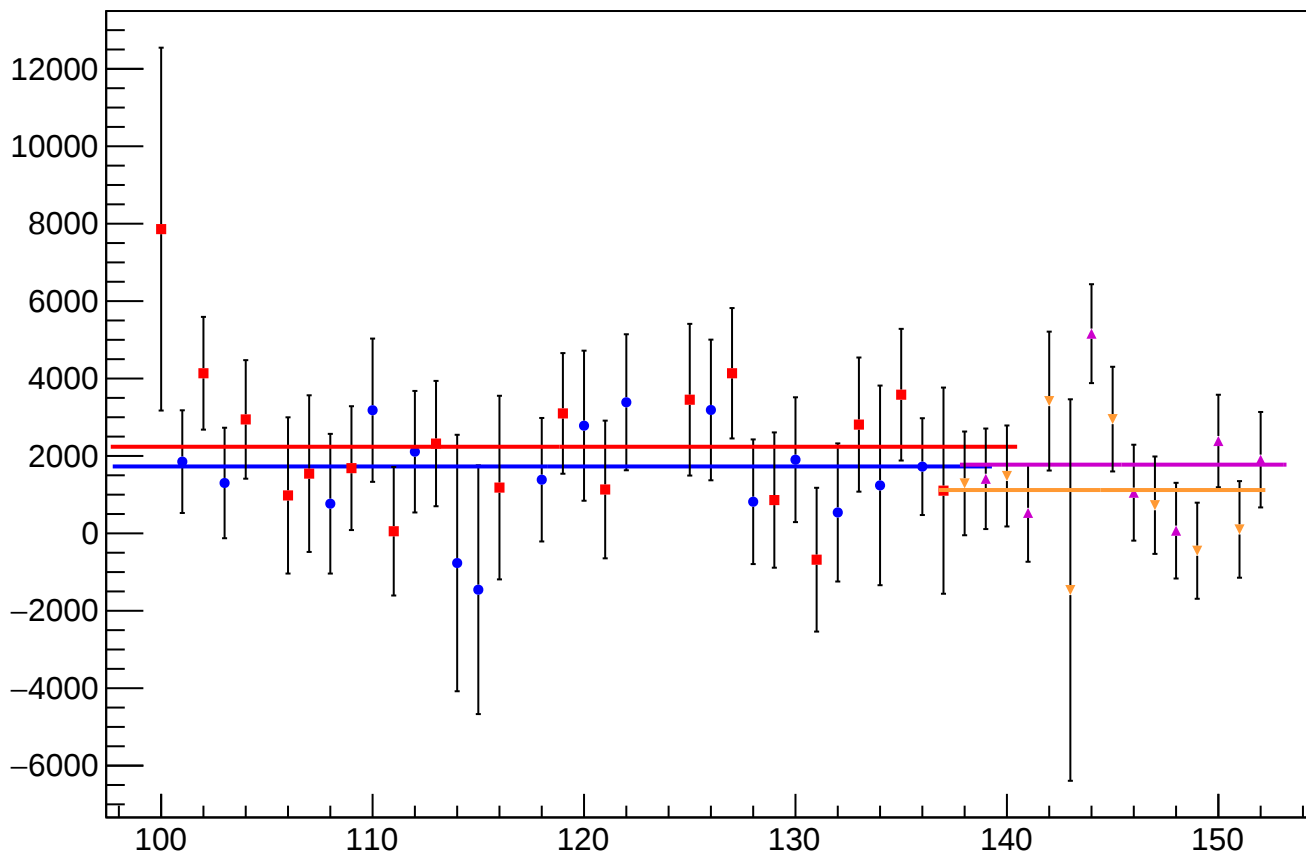
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1033.968+/-0.208 χ^2/NDF : 373357.7/22

Out: 1059.000+/-0.213 χ^2/NDF : 954047.3/25

All: 1046.233+/-0.149 χ^2/NDF : 1334469.3/48

dit_asym_usl_mean vs Slug, Sign Corrected



Left: 1467.867 ± 343.721 χ^2/NDF : 17.7/14

Right: 1985.660 ± 302.369 χ^2/NDF : 18.3/33

In: 1749.613 ± 317.650 χ^2/NDF : 15.9/22

Out: 1770.374 ± 324.591 χ^2/NDF : 21.3/25

All: 1759.769 ± 227.027 χ^2/NDF : 37.2/48

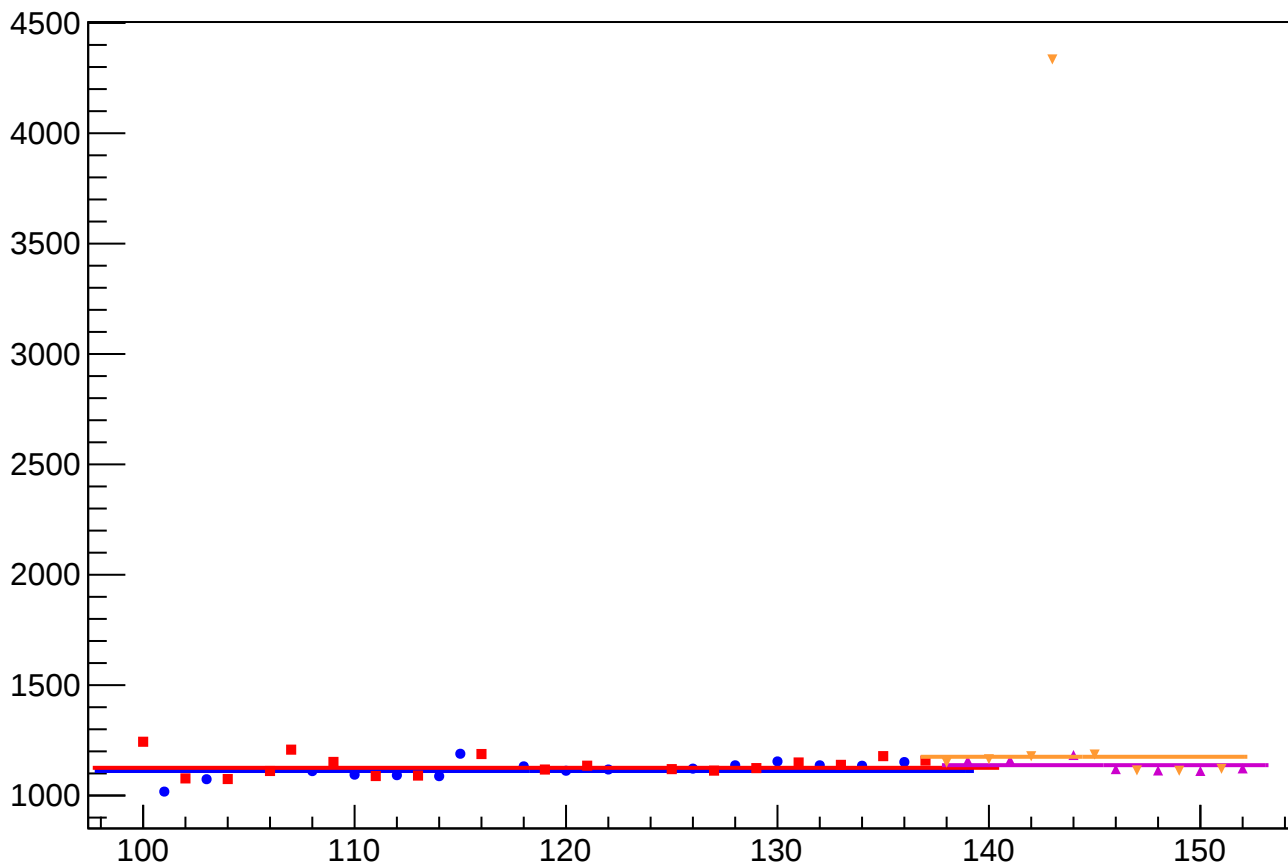
Right In: 1728.463 ± 429.803 χ^2/NDF : 5.3/15

Left Out: 1119.585 ± 502.082 χ^2/NDF : 6.2/7

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

Left In: 1775.070 ± 471.543 χ^2/NDF : 10.6/6

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1175.476 $\pm$ 0.355 χ^2 /NDF: 836732.4/7

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

Left In: 1137.465 $\pm$ 0.333 χ^2 /NDF: 6194.4/6

Left: 1155.279 $\pm$ 0.243 χ^2 /NDF: 849017.3/14

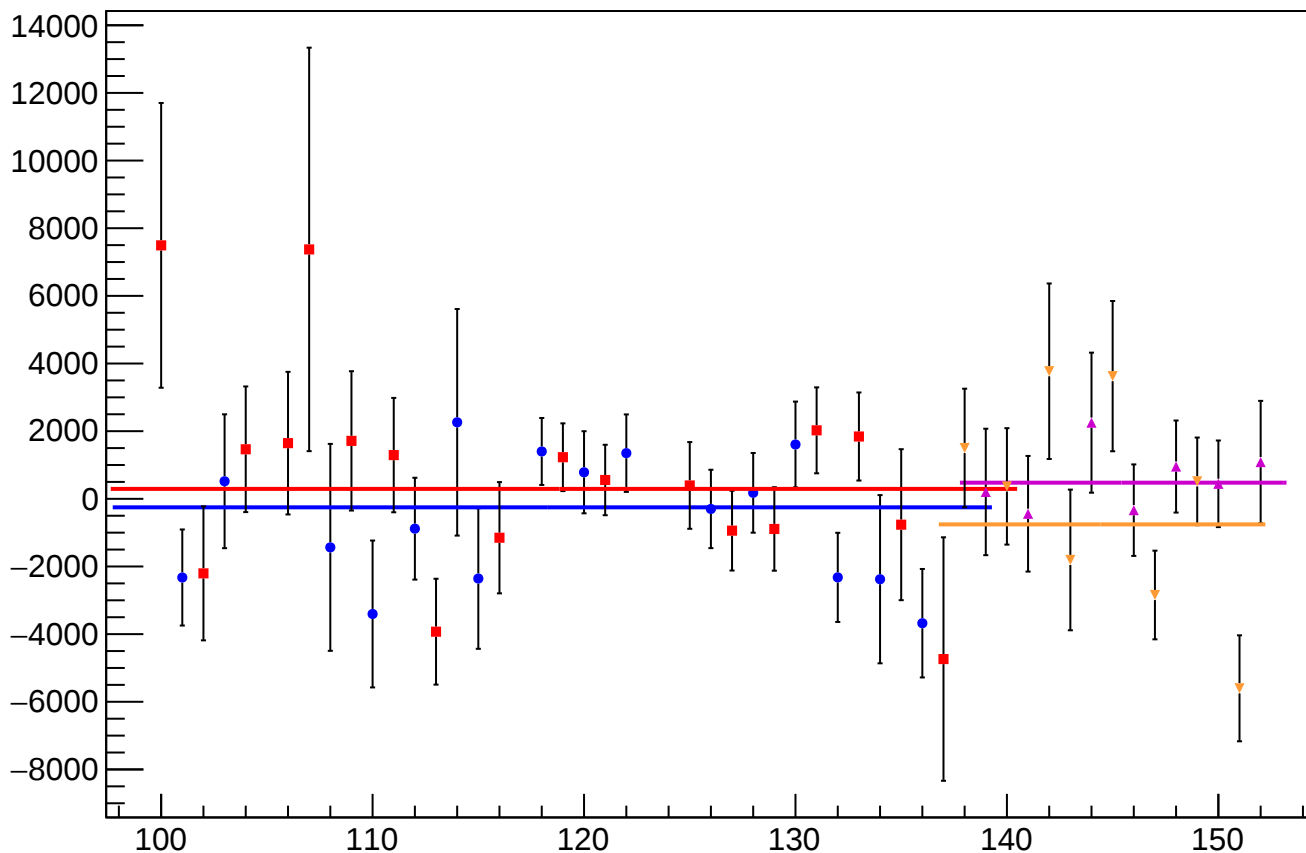
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1123.033 $\pm$ 0.225 χ^2 /NDF: 27715.5/22

Out: 1146.385 $\pm$ 0.230 χ^2 /NDF: 864148.7/25

All: 1134.456 $\pm$ 0.161 χ^2 /NDF: 897151.8/48

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -755.564+/-594.296 χ^2/NDF : 22.4/7

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

Left In: 477.409+/-590.924 χ^2/NDF : 1.6/6

Left: -135.569+/-419.033 χ^2/NDF : 26.2/14

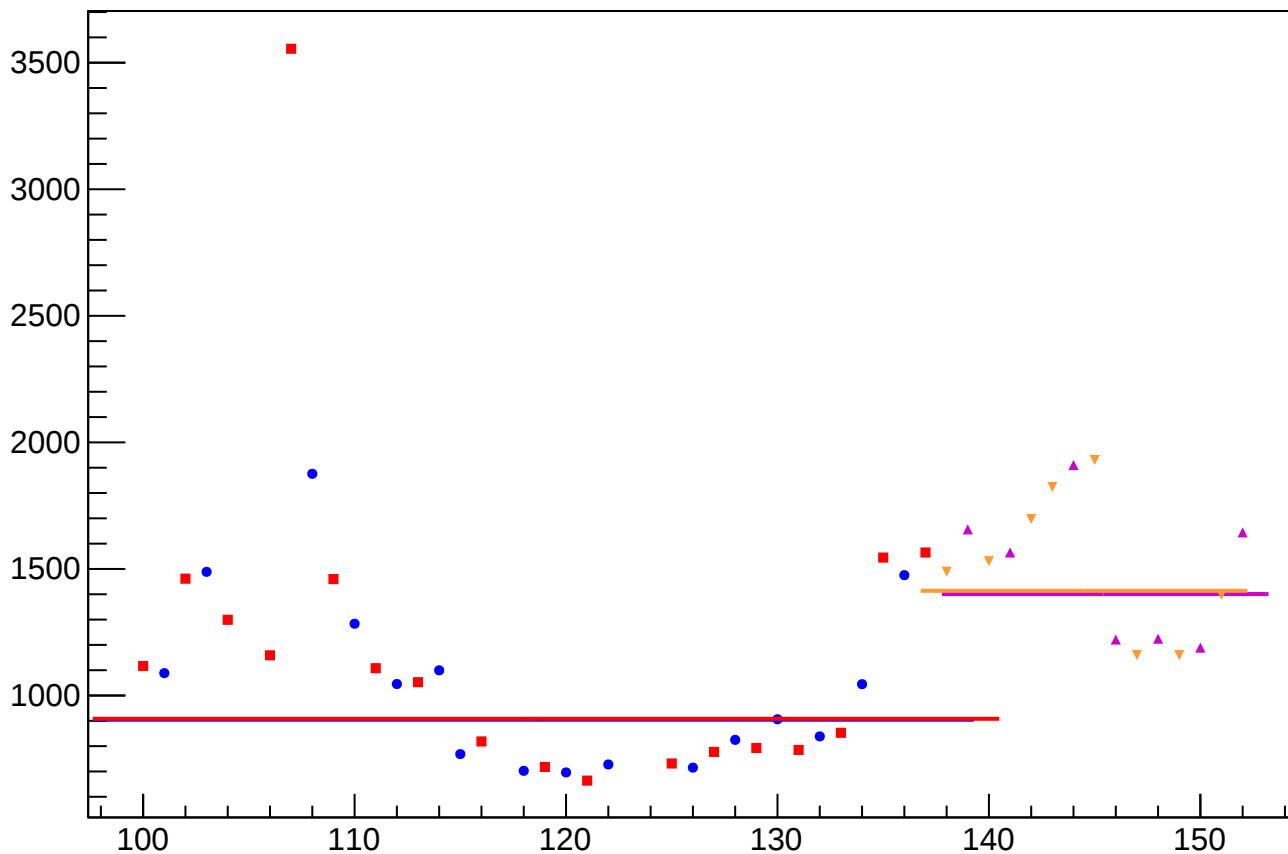
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -50.117+/-310.507 χ^2/NDF : 24.6/22

Out: 9.155+/-309.466 χ^2/NDF : 48.6/25

All: -20.381+/-219.193 χ^2/NDF : 73.2/48

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1413.765 $\pm$ 0.420 χ^2/NDF : 374965.2/7

Right Out: 908.153 $\pm$ 0.256 χ^2/NDF : 1381025.2/17

Left In: 1400.883 $\pm$ 0.418 χ^2/NDF : 336975.0/6

Left: 1407.287 $\pm$ 0.296 χ^2/NDF : 712412.7/14

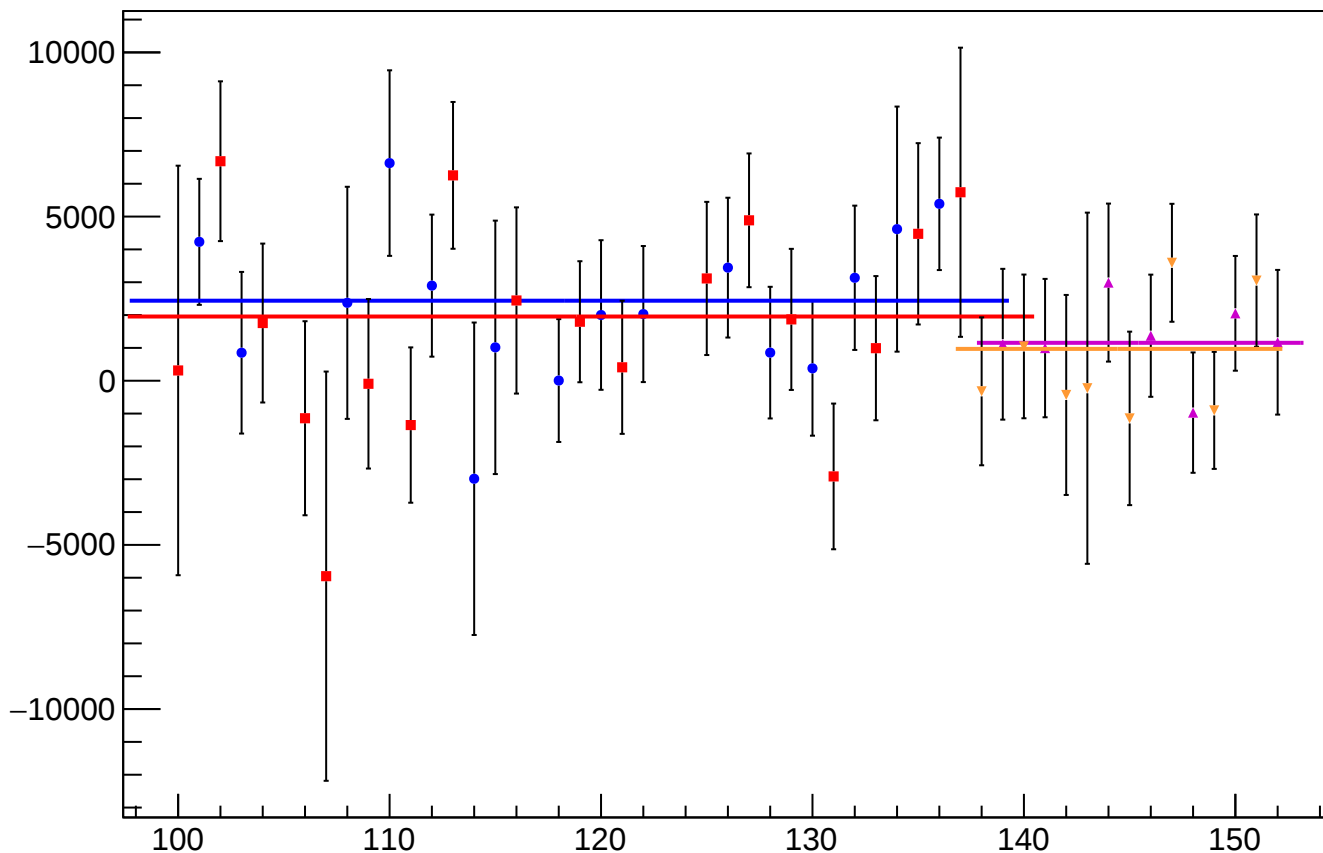
Right: 906.333 $\pm$ 0.182 χ^2/NDF : 2402221.4/33

In: 1041.547 $\pm$ 0.220 χ^2/NDF : 2379702.1/22

Out: 1045.253 $\pm$ 0.219 χ^2/NDF : 2811090.7/25

All: 1043.406 $\pm$ 0.155 χ^2/NDF : 5190935.7/48

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 969.960 $\pm$ 799.888 χ^2 /NDF:5.5/7

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

Left In: 1154.799 $\pm$ 765.293 χ^2 /NDF:2.2/6

Left: 1066.463 $\pm$ 552.970 χ^2 /NDF: 7.8/14

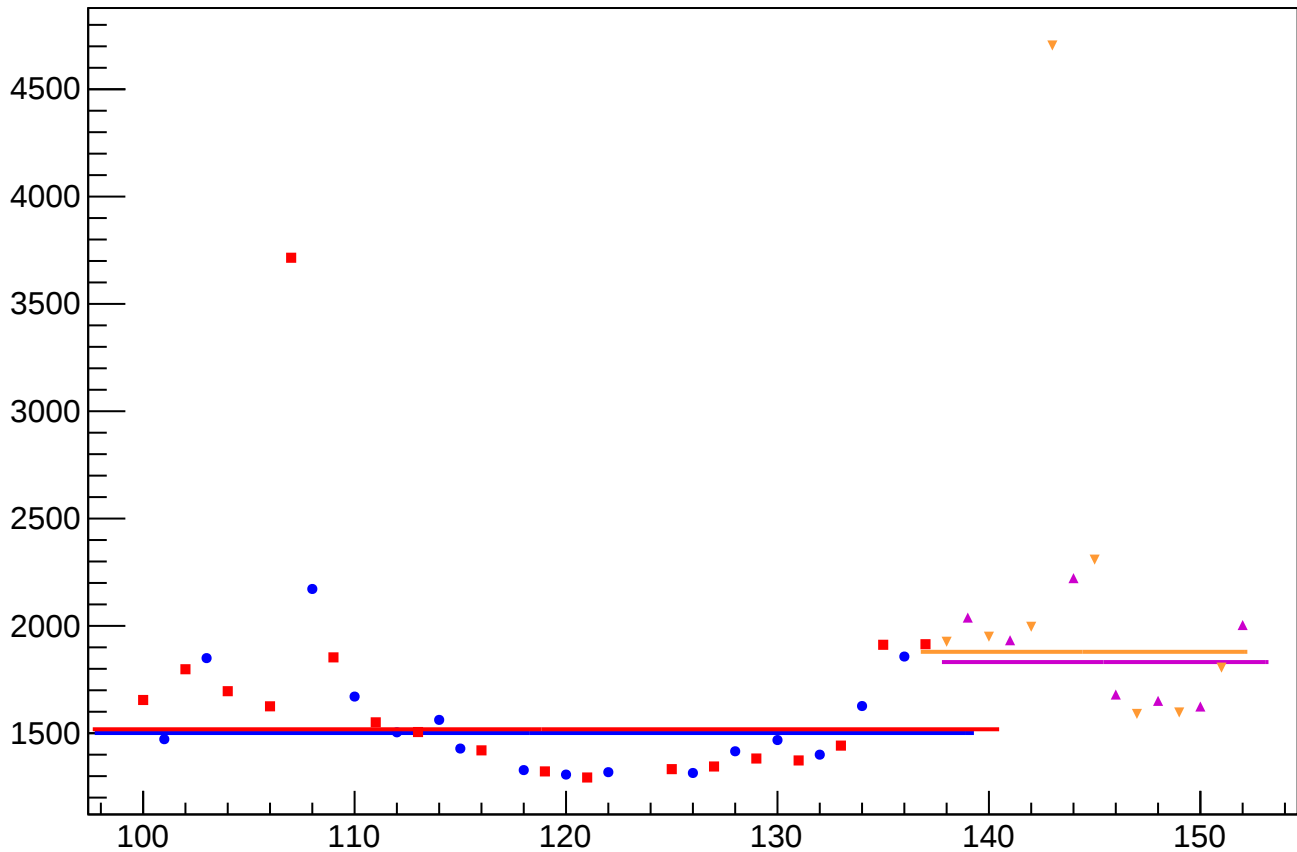
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1963.168 $\pm$ 465.382 χ^2 /NDF:15.1/22

Out: 1613.025 $\pm$ 471.711 χ^2 /NDF:28.9/25

All: 1790.461 $\pm$ 331.290 χ^2 /NDF: 44.3/48

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 $\pm$ 0.415 χ^2/NDF : 256227.7/15

Left Out: 1879.175 $\pm$ 0.566 χ^2/NDF : 721490.0/7

Right Out: 1518.327 $\pm$ 0.413 χ^2/NDF : 476011.7/17

Left In: 1831.428 $\pm$ 0.541 χ^2/NDF : 146732.7/6

Left: 1854.246 $\pm$ 0.391 χ^2/NDF : 871943.2/14

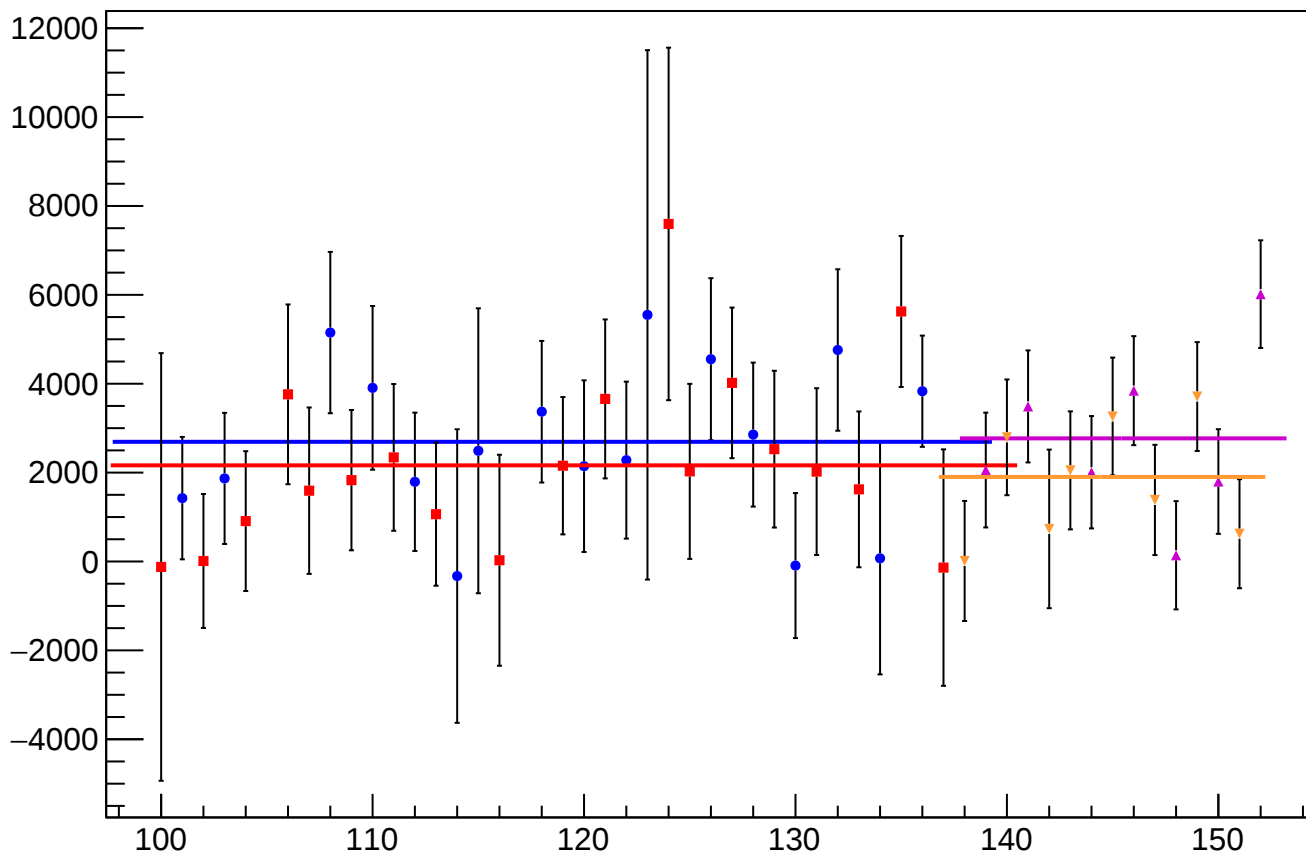
Right: 1509.610 $\pm$ 0.293 χ^2/NDF : 733133.5/33

In: 1623.084 $\pm$ 0.329 χ^2/NDF : 638170.9/22

Out: 1643.819 $\pm$ 0.334 χ^2/NDF : 1462973.8/25

All: 1633.311 $\pm$ 0.234 χ^2/NDF : 2103103.2/48

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1902.614 $\pm$ 467.868 χ^2 /NDF: 7.4/7

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

Left In: 2770.403 $\pm$ 466.484 χ^2 /NDF: 14.3/6

Left: 2337.794 $\pm$ 330.342 χ^2 /NDF: 23.4/14

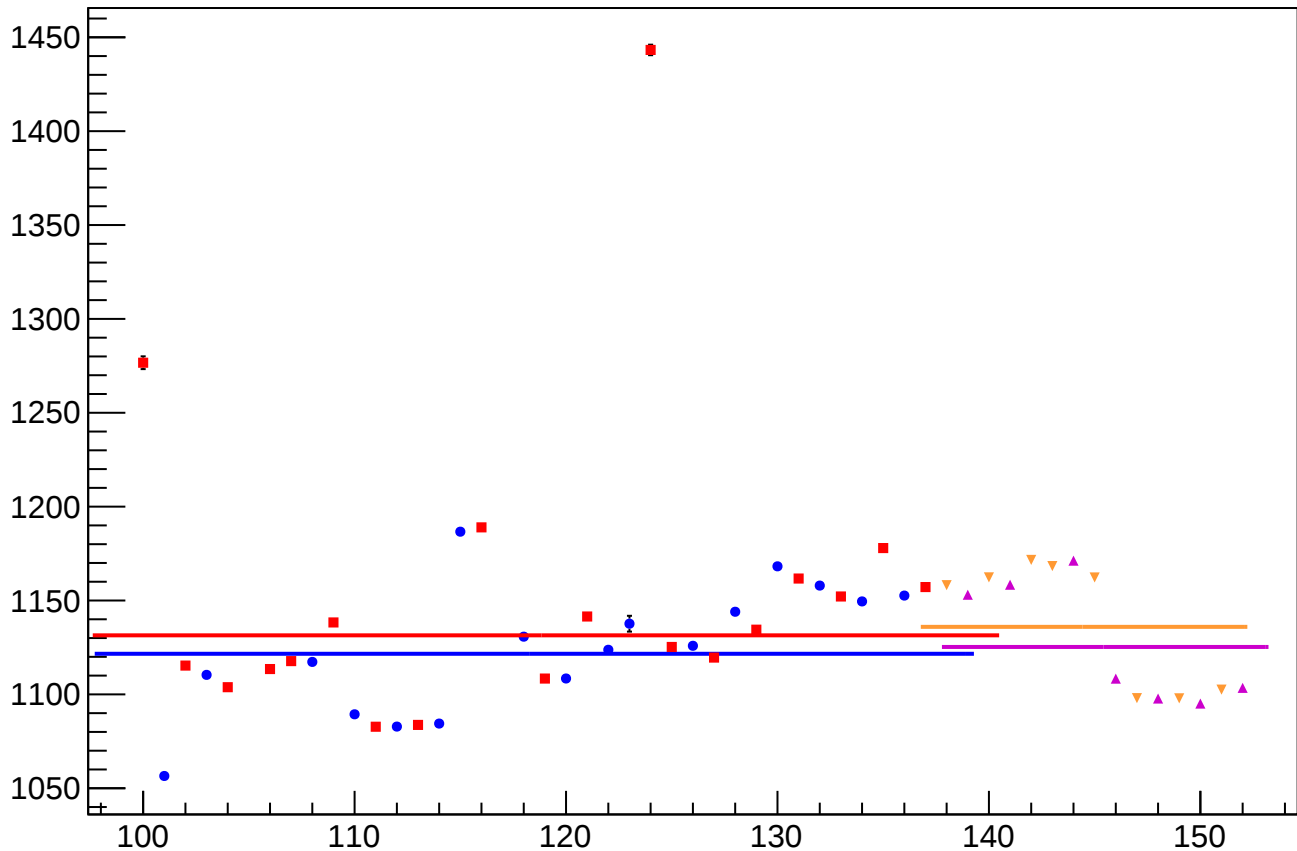
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2728.789 $\pm$ 317.204 χ^2 /NDF: 26.5/23

Out: 2045.703 $\pm$ 314.098 χ^2 /NDF: 21.3/26

All: 2383.885 $\pm$ 223.191 χ^2 /NDF: 50.2/50

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1135.970 $\pm$ 0.331 χ^2 /NDF:9424.2/7

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

Left In: 1125.262 $\pm$ 0.330 χ^2 /NDF:8308.8/6

Left: 1130.600 $\pm$ 0.234 χ^2 /NDF: 18258.3/14

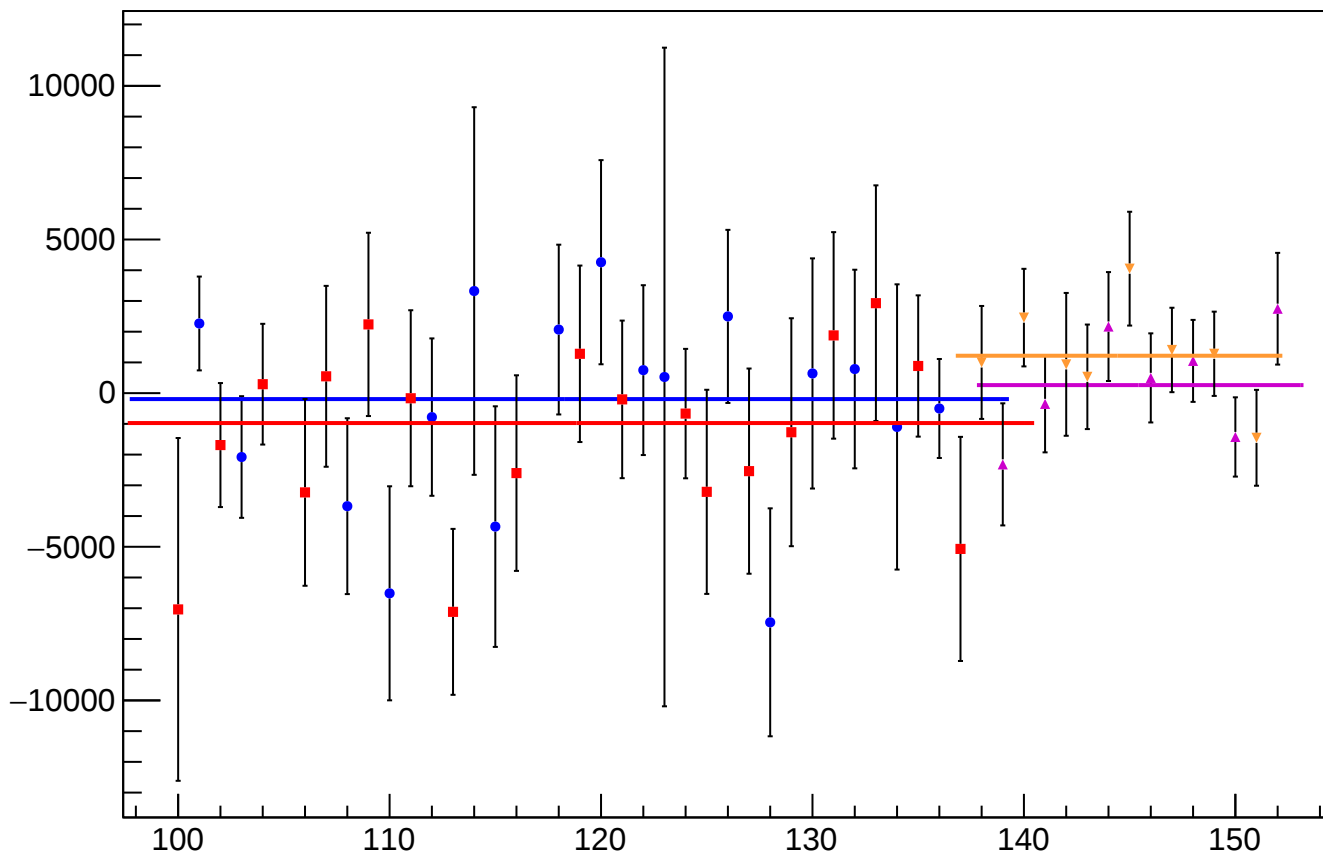
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1123.308 $\pm$ 0.224 χ^2 /NDF:20354.4/23

Out: 1133.488 $\pm$ 0.222 χ^2 /NDF:32638.4/26

All: 1128.448 $\pm$ 0.158 χ^2 /NDF: 54032.9/50

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1217.703+/-578.566 χ^2/NDF : 6.1/7

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

Left In: 261.565+/-585.719 χ^2/NDF : 6.9/6

Left: 745.508+/-411.614 χ^2/NDF : 14.4/14

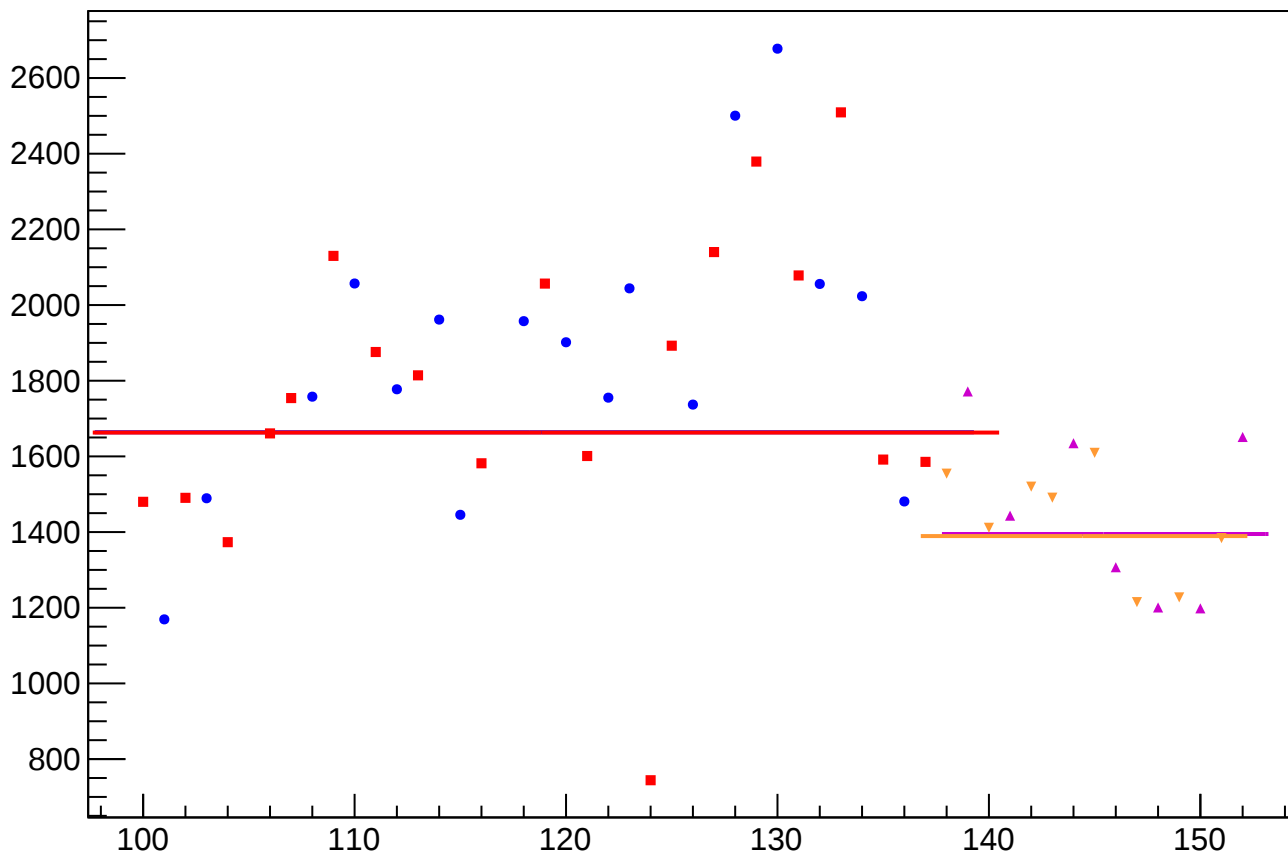
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 61.267+/-438.189 χ^2/NDF : 24.6/23

Out: 240.910+/-430.700 χ^2/NDF : 26.8/26

All: 152.637+/-307.165 χ^2/NDF : 51.4/50

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1389.416 $\pm$ 0.409 χ^2 /NDF:118405.2/7

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

Left In: 1394.884 $\pm$ 0.414 χ^2 /NDF:246390.5/6

Left: 1392.116 $\pm$ 0.291 χ^2 /NDF: 364884.0/14

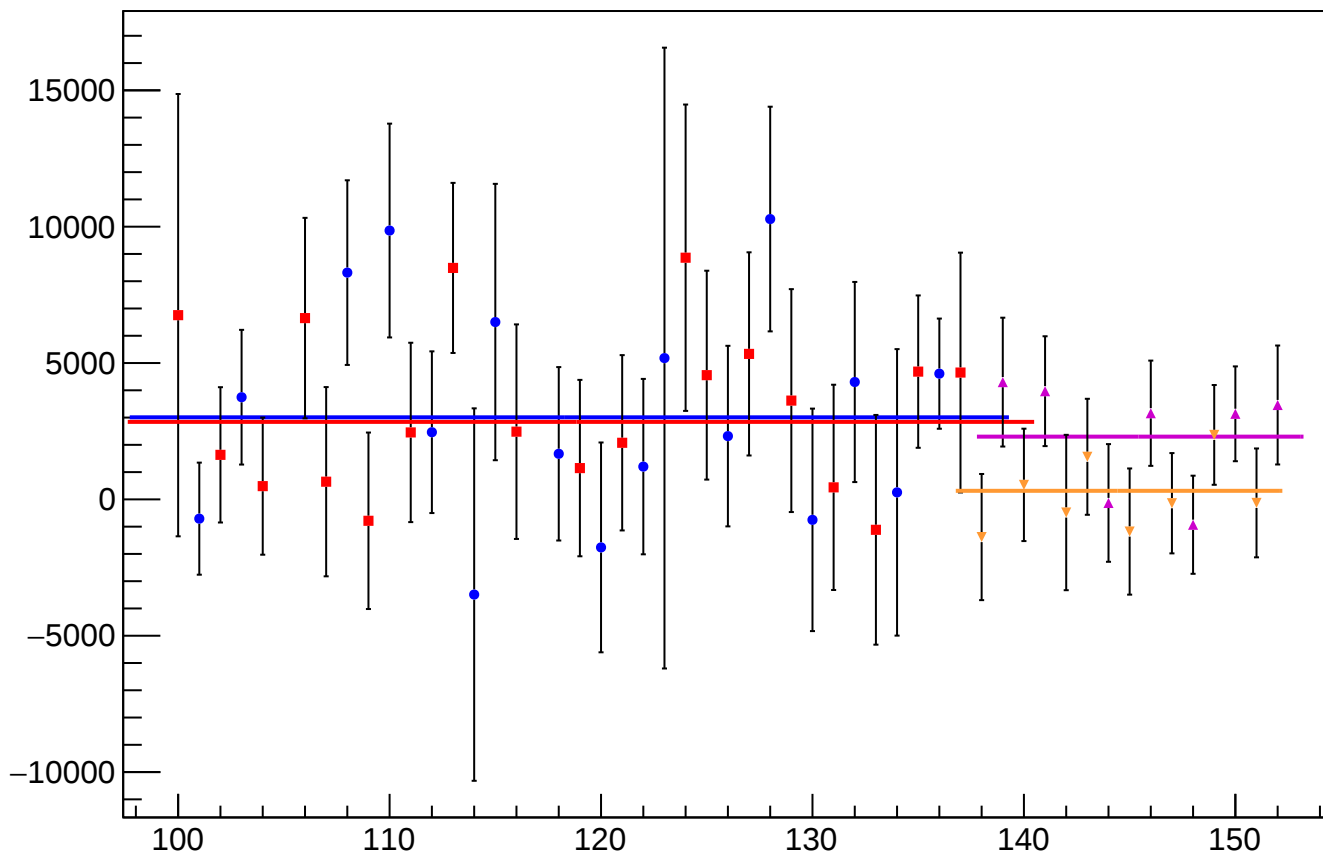
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1513.282 $\pm$ 0.310 χ^2 /NDF:1054469.2/23

Out: 1511.381 $\pm$ 0.305 χ^2 /NDF:1122734.7/26

All: 1512.315 $\pm$ 0.217 χ^2 /NDF: 2177223.0/50

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 313.994 $\pm$ 745.569 χ^2/NDF : 2.8/7

Right Out: 2842.013 $\pm$ 795.731 χ^2/NDF : 11.4/18

Left In: 2300.897 $\pm$ 753.997 χ^2/NDF : 6.6/6

Left: 1296.279 $\pm$ 530.151 χ^2/NDF : 12.9/14

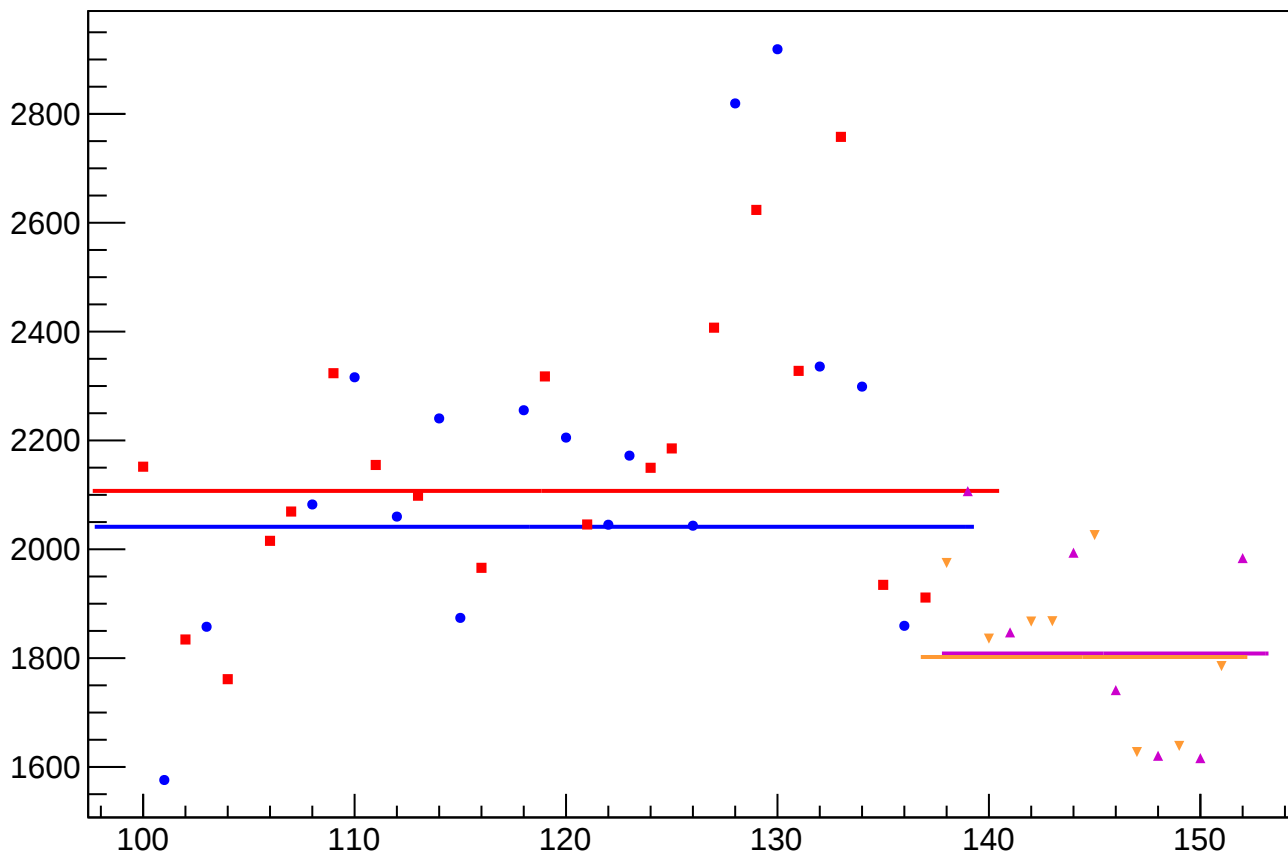
Right: 2925.191 $\pm$ 564.046 χ^2/NDF : 28.8/35

In: 2634.250 $\pm$ 548.585 χ^2/NDF : 24.4/23

Out: 1495.814 $\pm$ 544.067 χ^2/NDF : 19.6/26

All: 2060.324 $\pm$ 386.301 χ^2/NDF : 46.1/50

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1802.063 $\pm$ 0.527 χ^2 /NDF:67539.4/7

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

Left In: 1808.490 $\pm$ 0.533 χ^2 /NDF:109001.2/6

Left: 1805.240 $\pm$ 0.375 χ^2 /NDF: 176614.1/14

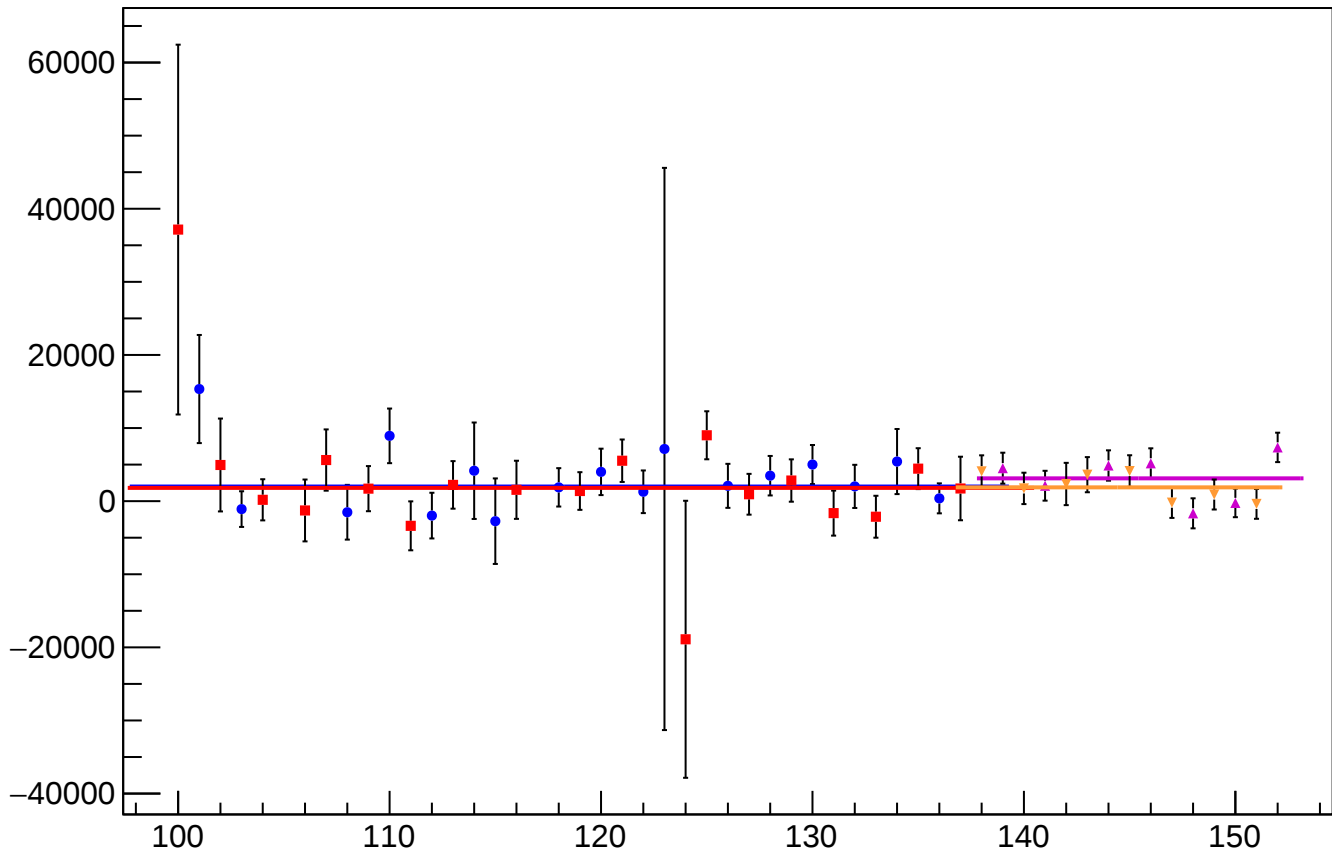
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1918.083 $\pm$ 0.388 χ^2 /NDF:537215.2/23

Out: 1944.747 $\pm$ 0.385 χ^2 /NDF:421009.0/26

All: 1931.525 $\pm$ 0.273 χ^2 /NDF: 960606.1/50

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1886.346+/-781.212 χ^2/NDF : 5.1/7

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

Left In: 3119.486+/-771.797 χ^2/NDF : 15.2/6

Left: 2510.392+/-549.041 χ^2/NDF : 21.5/14

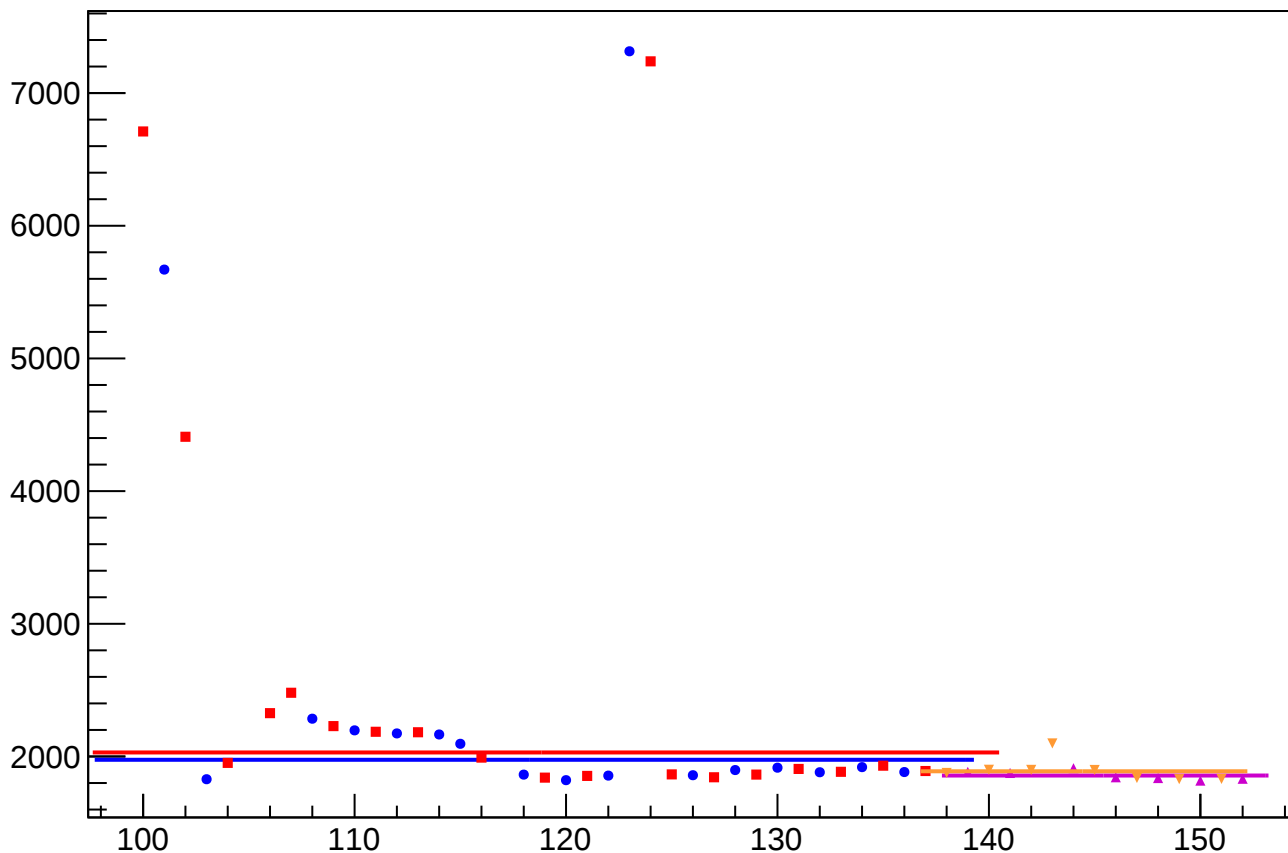
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2566.766+/-549.180 χ^2/NDF : 31.1/23

Out: 1850.973+/-552.489 χ^2/NDF : 23.3/26

All: 2211.020+/-389.493 χ^2/NDF : 55.2/50

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1888.471+/-0.552 χ^2/NDF : 19916.9/7

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

Left In: 1856.467+/-0.546 χ^2/NDF : 3251.8/6

Left: 1872.275+/-0.388 χ^2/NDF : 24867.2/14

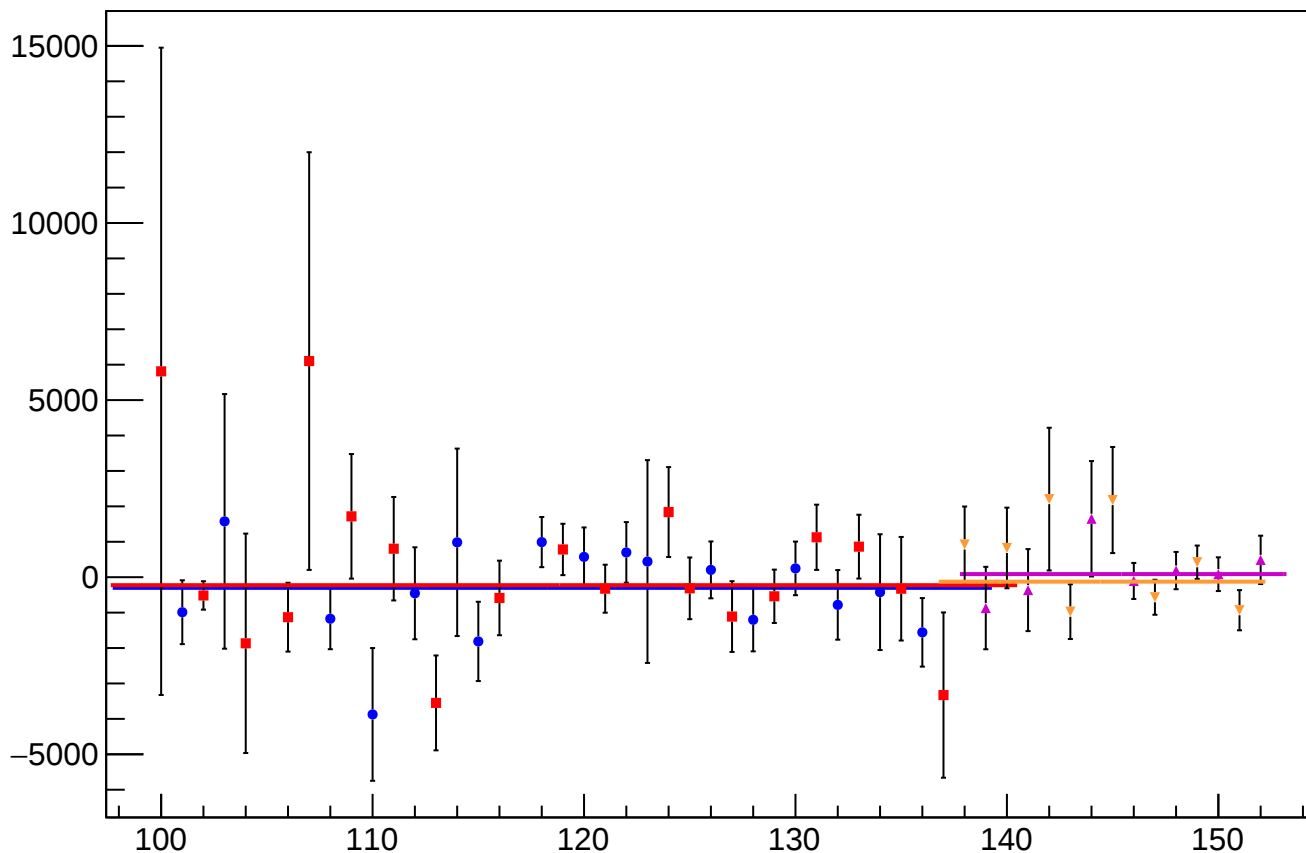
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1915.039+/-0.388 χ^2/NDF : 626415.0/23

Out: 1959.384+/-0.391 χ^2/NDF : 656810.0/26

All: 1937.078+/-0.275 χ^2/NDF : 1289706.1/50

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -125.886 ± 252.178 $\chi^2/\text{NDF}: 10.7/7$

Right Out: -225.432 ± 215.564 $\chi^2/\text{NDF}: 22.2/18$

Left In: 87.944 ± 250.897 $\chi^2/\text{NDF}: 2.3/6$

Left: -18.426 ± 177.862 $\chi^2/\text{NDF}: 13.4/14$

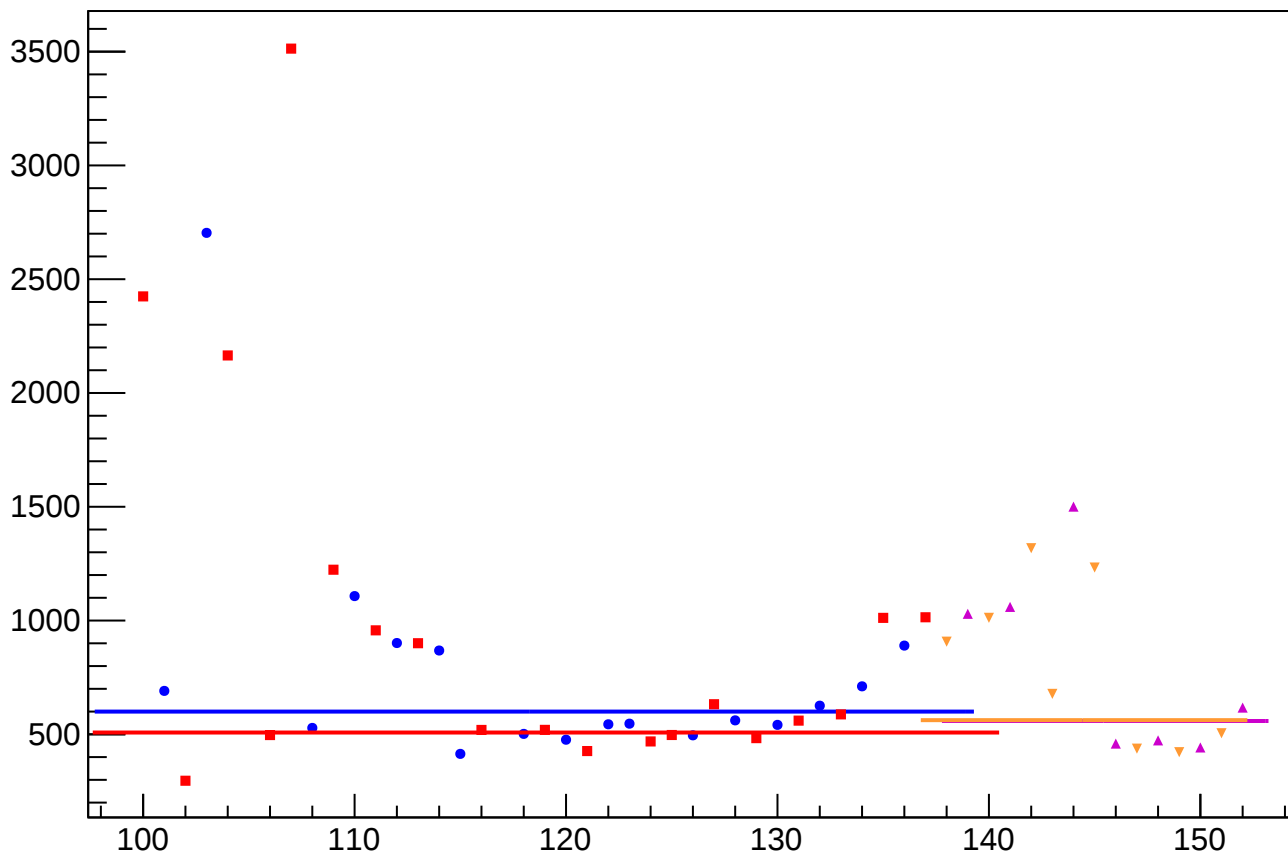
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -109.361 ± 175.877 $\chi^2/\text{NDF}: 20.8/23$

Out: -183.404 ± 163.857 $\chi^2/\text{NDF}: 33.0/26$

All: -148.999 ± 119.889 $\chi^2/\text{NDF}: 54.0/50$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 562.298+/-0.178 χ^2/NDF :1574298.2/7

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

Left In: 558.594+/-0.177 χ^2/NDF :1634363.6/6

Left: 560.437+/-0.126 χ^2/NDF : 3208878.6/14

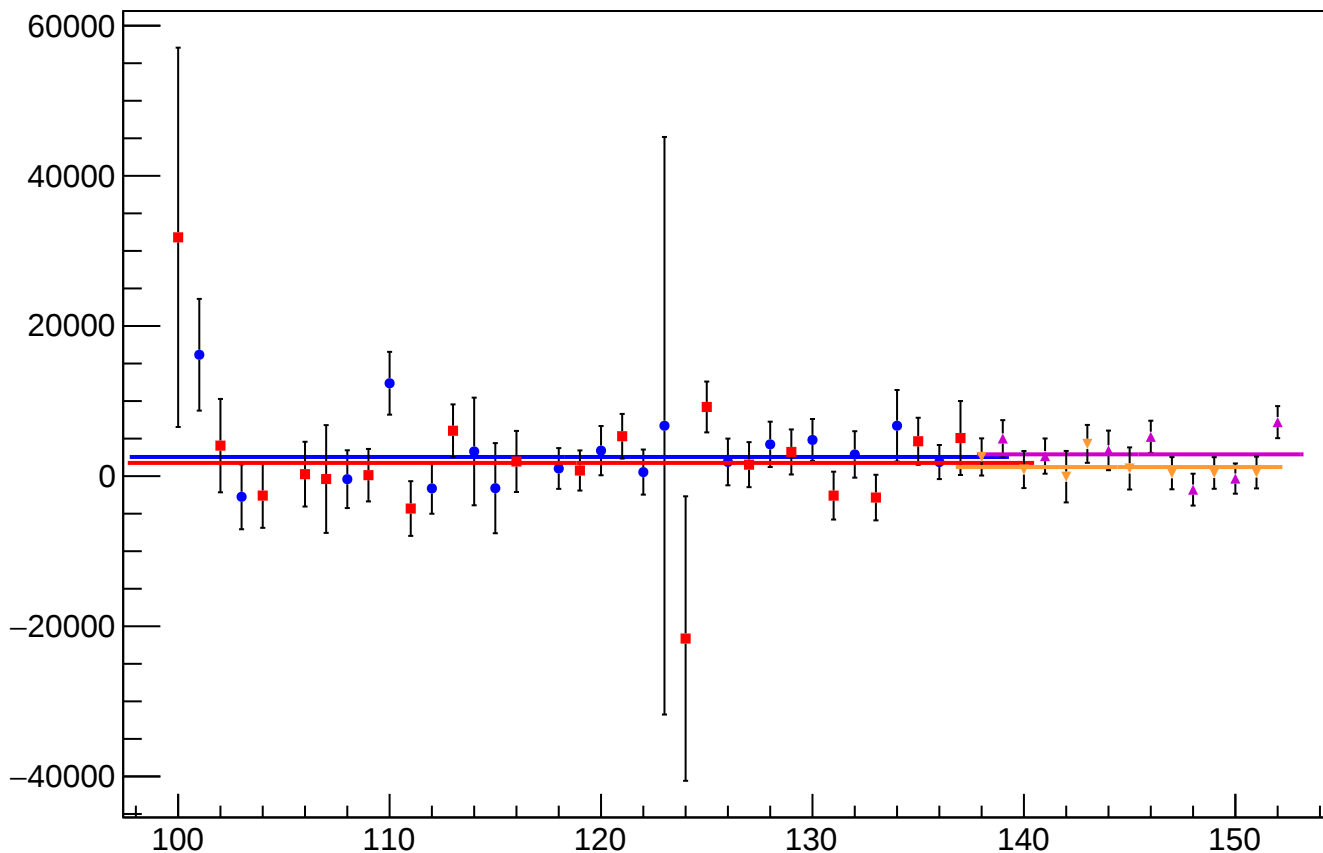
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 579.630+/-0.124 χ^2/NDF :3043054.7/23

Out: 530.891+/-0.116 χ^2/NDF :4476870.0/26

All: 553.538+/-0.085 χ^2/NDF : 7602144.7/50

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1208.148 $\pm$ 856.555 χ^2 /NDF: 2.4/7

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

Left In: 2902.091 $\pm$ 845.389 χ^2 /NDF: 13.5/6

Left: 2066.232 $\pm$ 601.689 χ^2 /NDF: 17.9/14

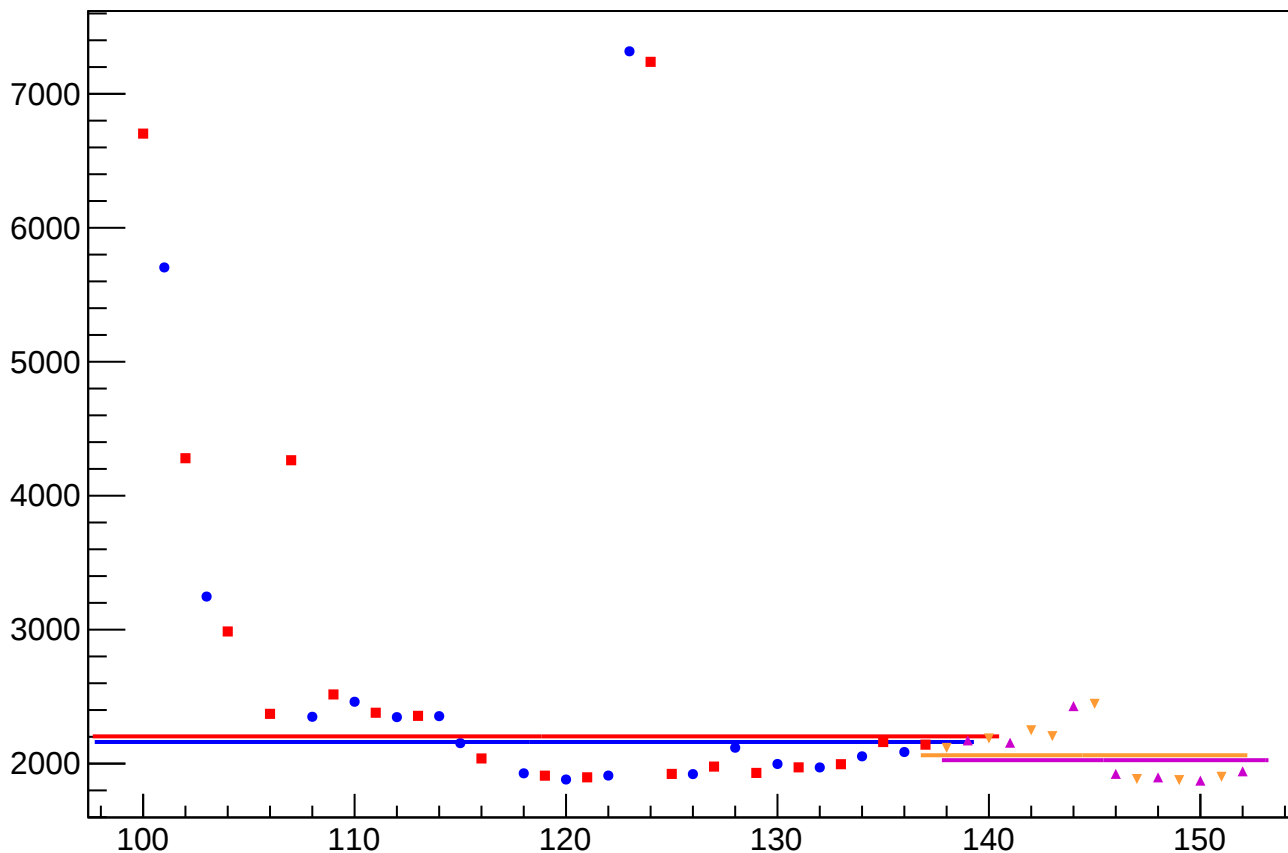
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2730.608 $\pm$ 602.502 χ^2 /NDF: 29.3/23

Out: 1485.432 $\pm$ 605.009 χ^2 /NDF: 23.5/26

All: 2110.605 $\pm$ 426.917 χ^2 /NDF: 54.9/50

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2062.382+/-0.606 χ^2/NDF : 96703.5/7

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

Left In: 2025.586+/-0.598 χ^2/NDF : 86750.8/6

Left: 2043.743+/-0.425 χ^2/NDF : 185323.8/14

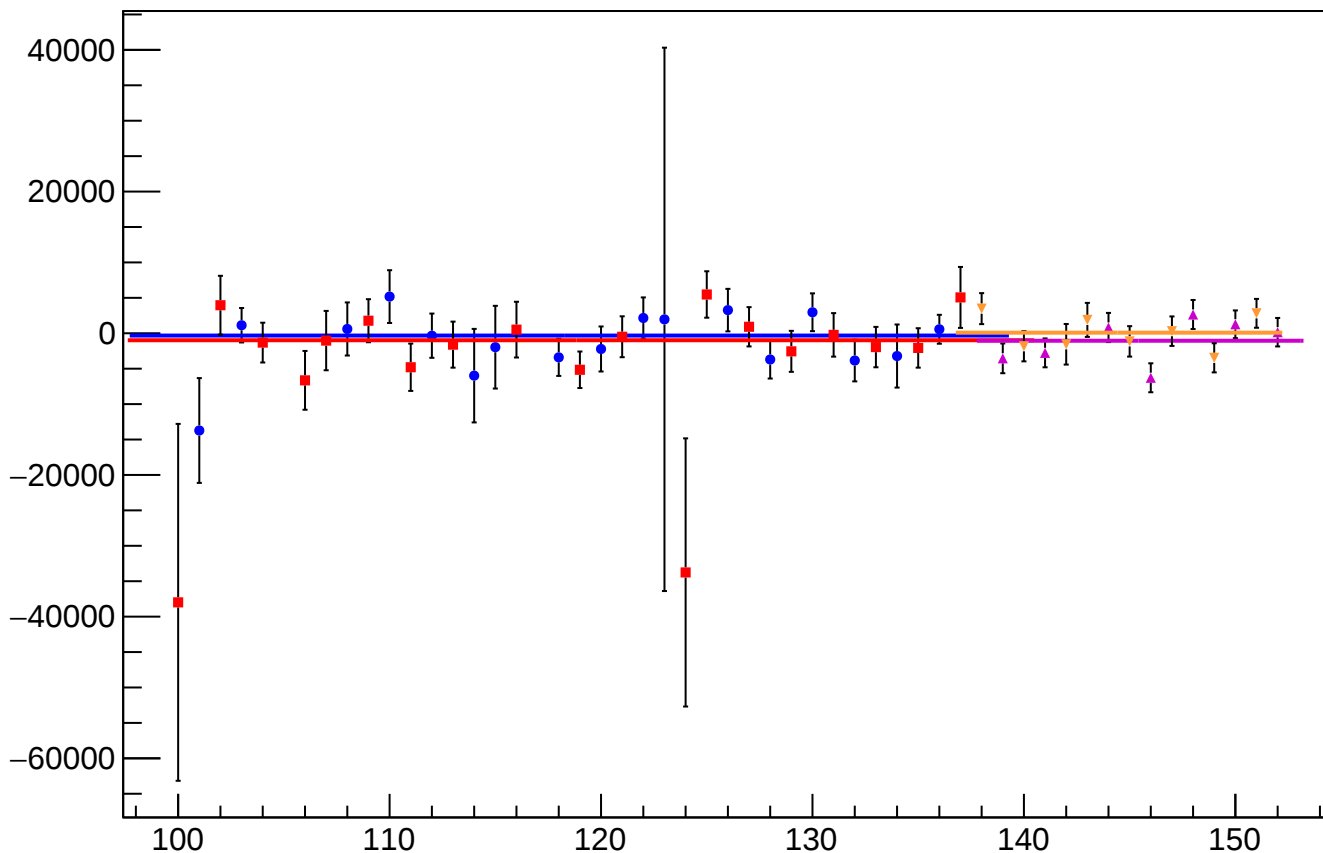
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2092.425+/-0.426 χ^2/NDF : 823410.8/23

Out: 2133.017+/-0.428 χ^2/NDF : 921238.7/26

All: 2112.637+/-0.302 χ^2/NDF : 1749169.8/50

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 82.650 ± 778.625 $\chi^2/\text{NDF}: 9.2/7$

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

Left In: -1055.935 ± 769.376 $\chi^2/\text{NDF}: 14.5/6$

Left: -493.445 ± 547.272 $\chi^2/\text{NDF}: 24.8/14$

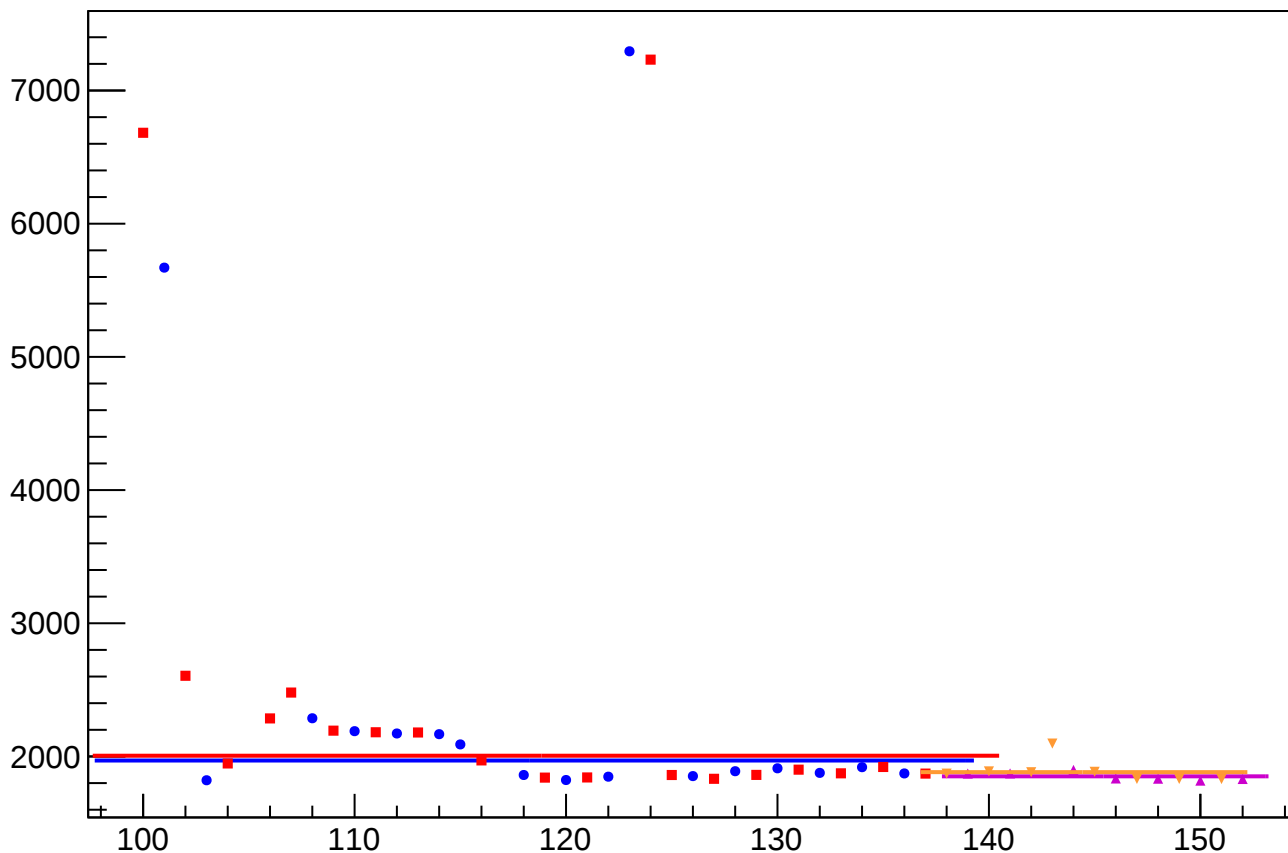
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -694.626 ± 547.578 $\chi^2/\text{NDF}: 30.7/23$

Out: -457.629 ± 547.469 $\chi^2/\text{NDF}: 30.5/26$

All: -576.104 ± 387.158 $\chi^2/\text{NDF}: 61.3/50$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1882.267+/-0.551 χ^2/NDF :19783.0/7

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

Left In: 1850.772+/-0.544 χ^2/NDF :2529.9/6

Left: 1866.331+/-0.387 χ^2/NDF : 23968.4/14

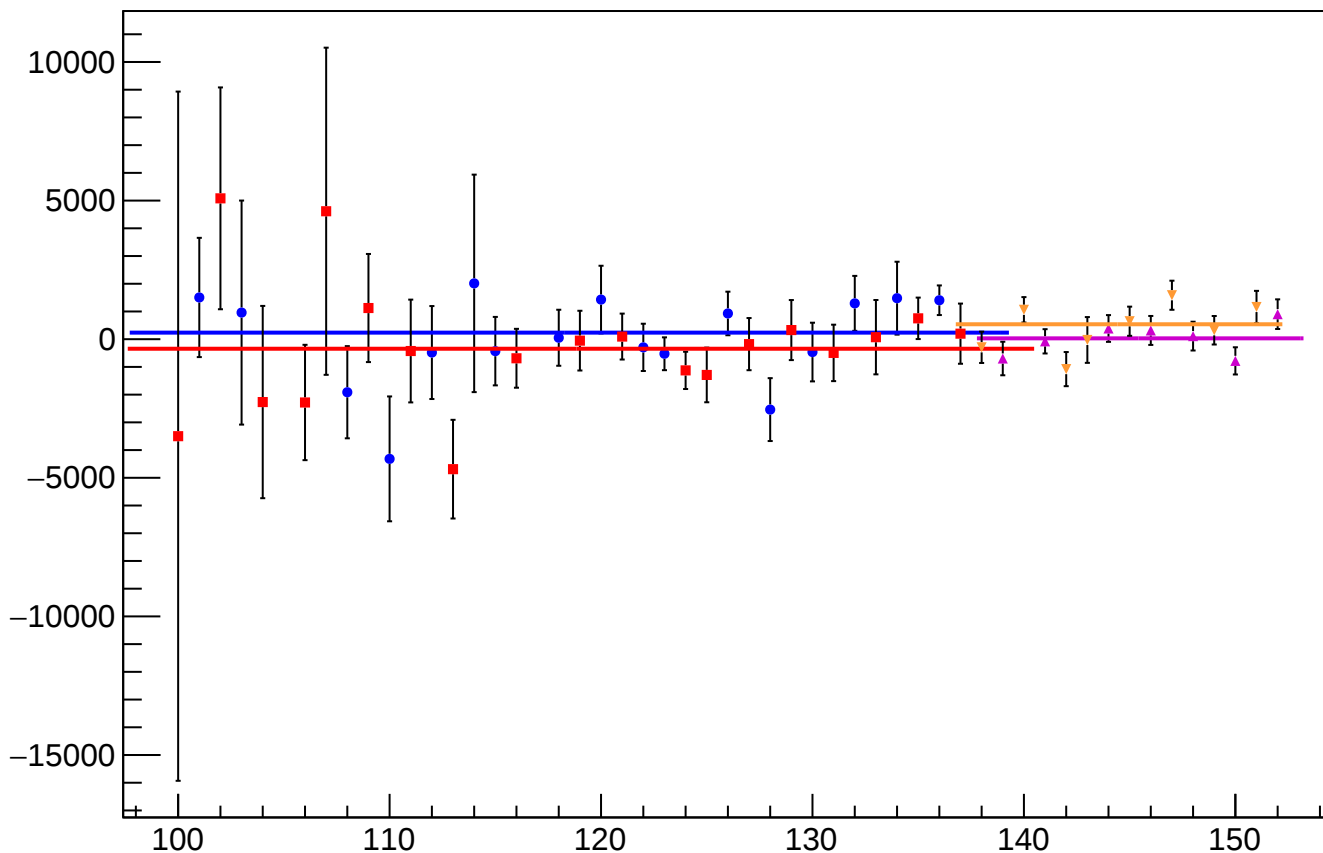
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1909.357+/-0.387 χ^2/NDF :628840.2/23

Out: 1944.602+/-0.387 χ^2/NDF :404780.0/26

All: 1926.983+/-0.274 χ^2/NDF : 1037763.9/50

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 538.754 $\pm$ 196.204 χ^2 /NDF:16.2/7

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

Left In: 30.497 $\pm$ 191.524 χ^2 /NDF:7.8/6

Left: 278.492 $\pm$ 137.052 χ^2 /NDF: 27.4/14

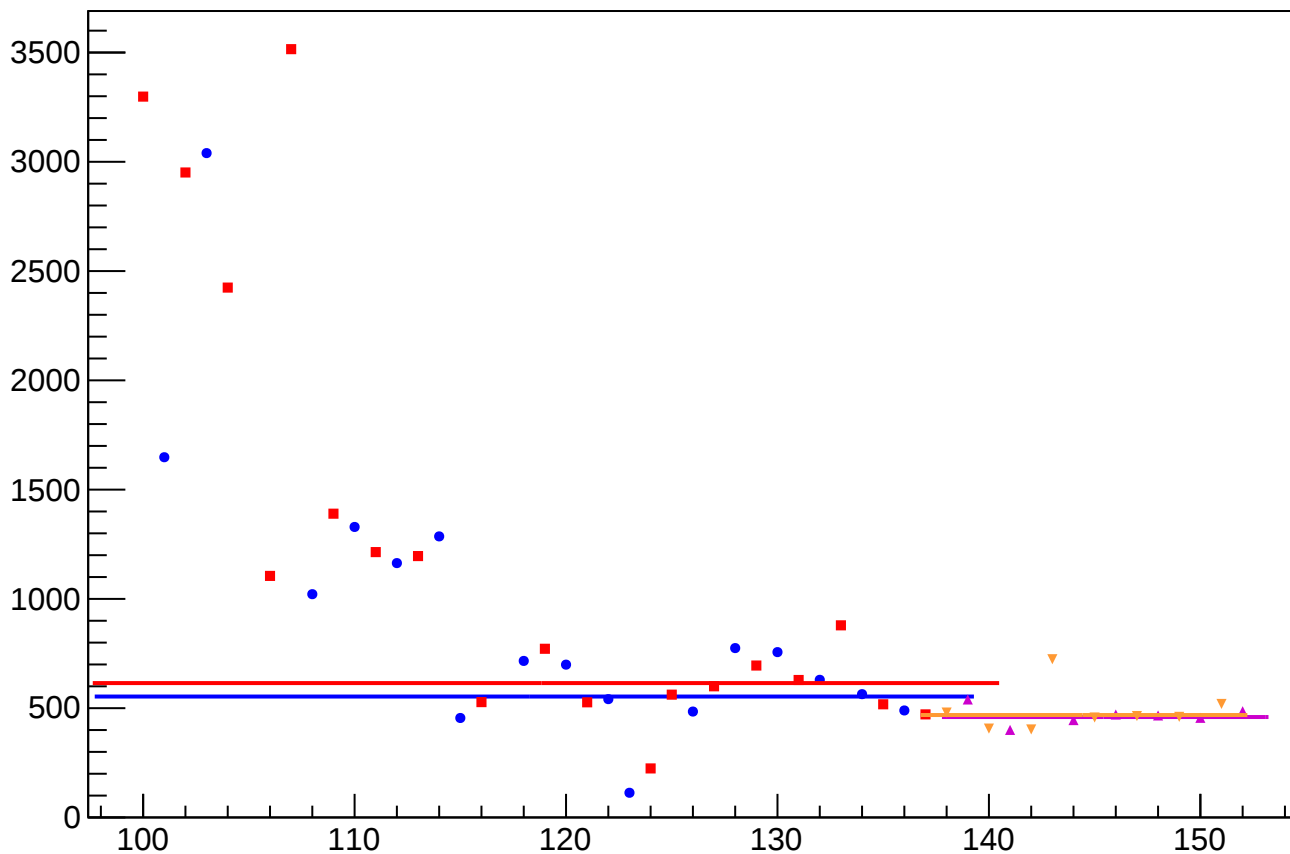
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 107.360 $\pm$ 151.721 χ^2 /NDF:32.1/23

Out: 231.398 $\pm$ 158.419 χ^2 /NDF:39.2/26

All: 166.701 $\pm$ 109.574 χ^2 /NDF: 71.6/50

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 468.675+/-0.139 χ^2/NDF : 268442.0/7

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

Left In: 459.492+/-0.135 χ^2/NDF : 79527.8/6

Left: 463.973+/-0.097 χ^2/NDF : 350213.3/14

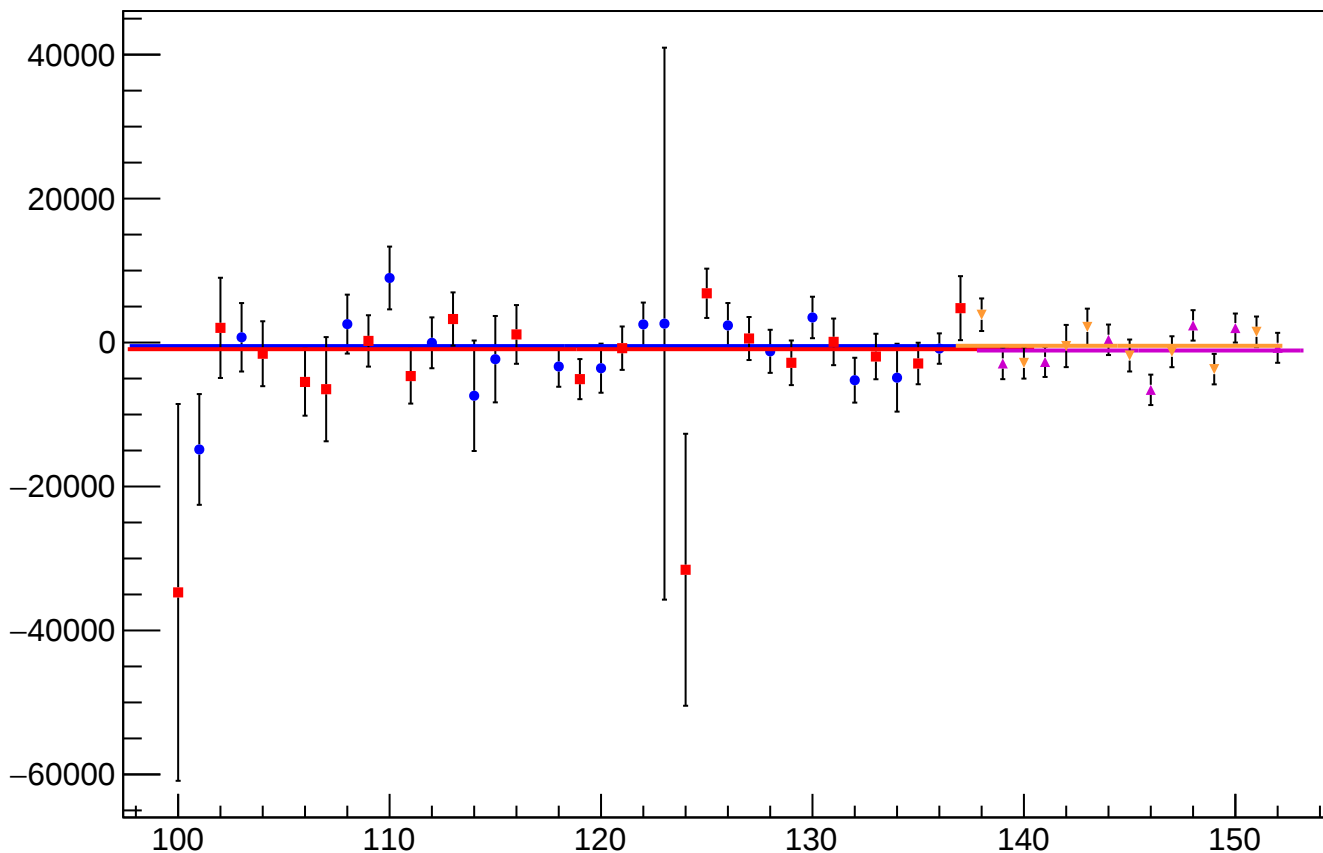
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 494.424+/-0.107 χ^2/NDF : 3670904.4/23

Out: 519.547+/-0.112 χ^2/NDF : 4224336.8/26

All: 506.443+/-0.077 χ^2/NDF : 7921477.2/50

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -449.646+/-805.683 χ^2/NDF : 9.6/7

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

Left In: -1105.089+/-793.768 χ^2/NDF : 13.6/6

Left: -782.250+/-565.444 χ^2/NDF : 23.5/14

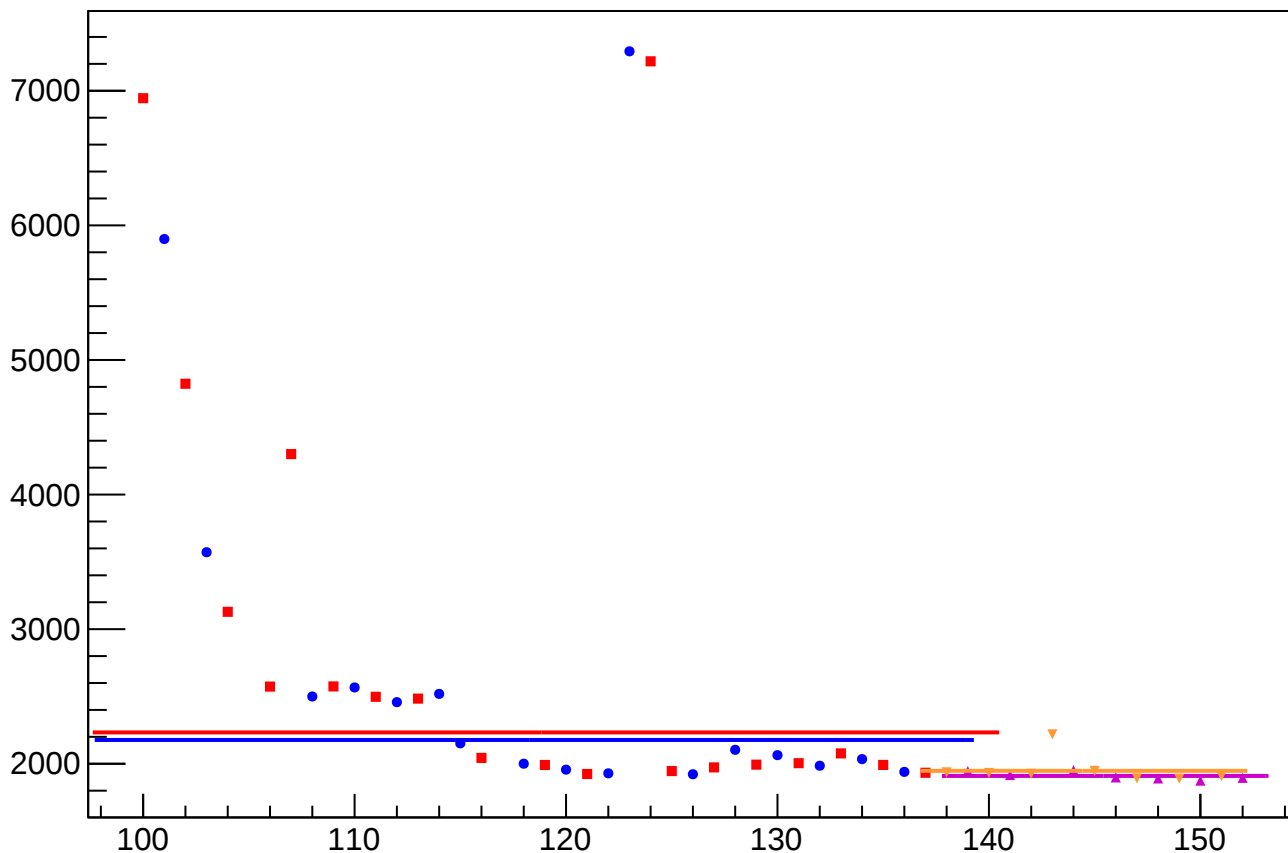
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -825.845+/-585.764 χ^2/NDF : 32.4/23

Out: -668.038+/-590.715 χ^2/NDF : 28.7/26

All: -747.606+/-415.937 χ^2/NDF : 61.1/50

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1947.377 $\pm$ 0.570 χ^2 /NDF: 26624.6/7

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

Left In: 1909.634 $\pm$ 0.561 χ^2 /NDF: 2282.4/6

Left: 1928.225 $\pm$ 0.400 χ^2 /NDF: 31134.3/14

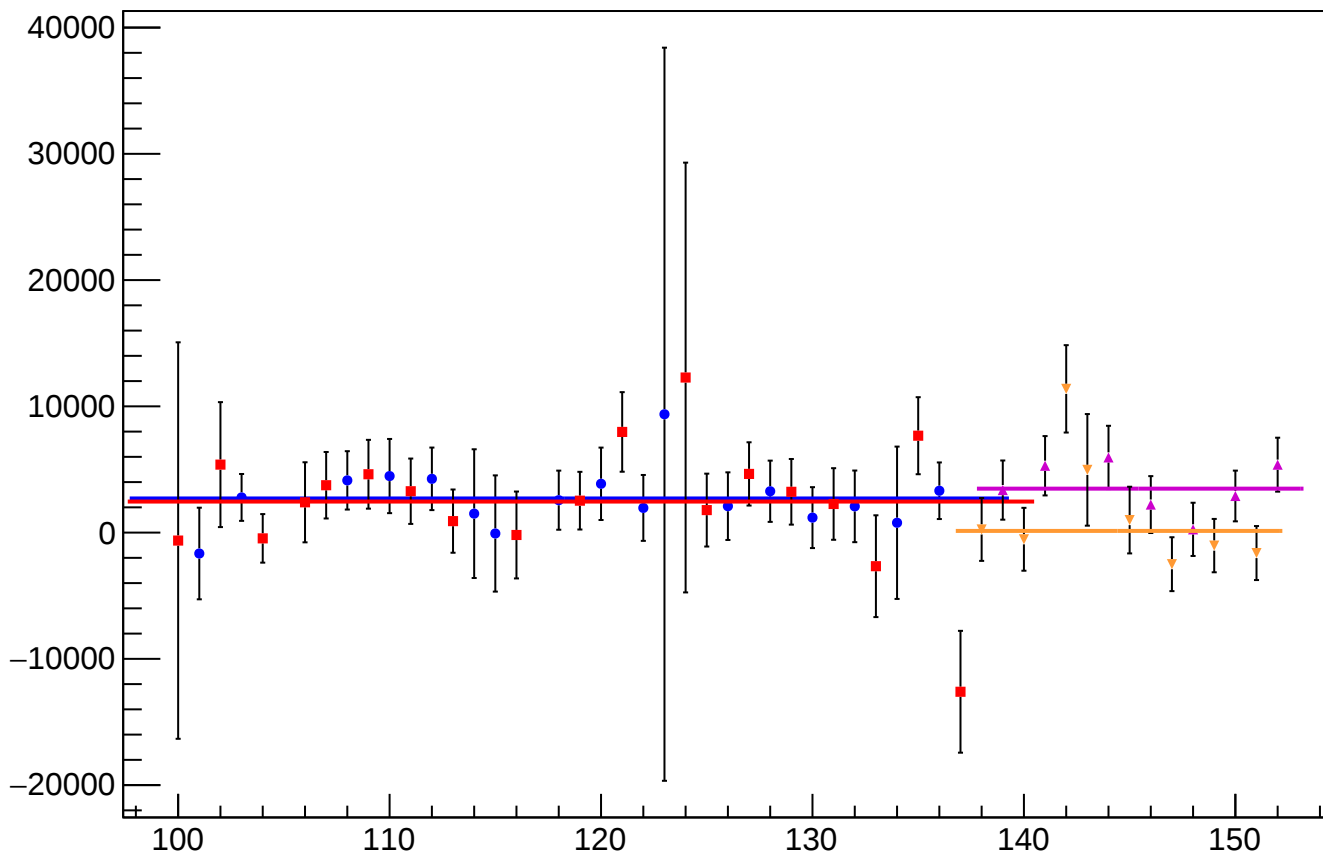
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2031.284 $\pm$ 0.414 χ^2 /NDF: 908104.9/23

Out: 2079.407 $\pm$ 0.418 χ^2 /NDF: 1033319.0/26

All: 2055.143 $\pm$ 0.294 χ^2 /NDF: 1948116.4/50

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 133.254 $\pm$ 889.895 χ^2 /NDF:14.4/7

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

Left In: 3481.019 $\pm$ 841.666 χ^2 /NDF:5.1/6

Left: 1900.310 $\pm$ 611.487 χ^2 /NDF: 27.0/14

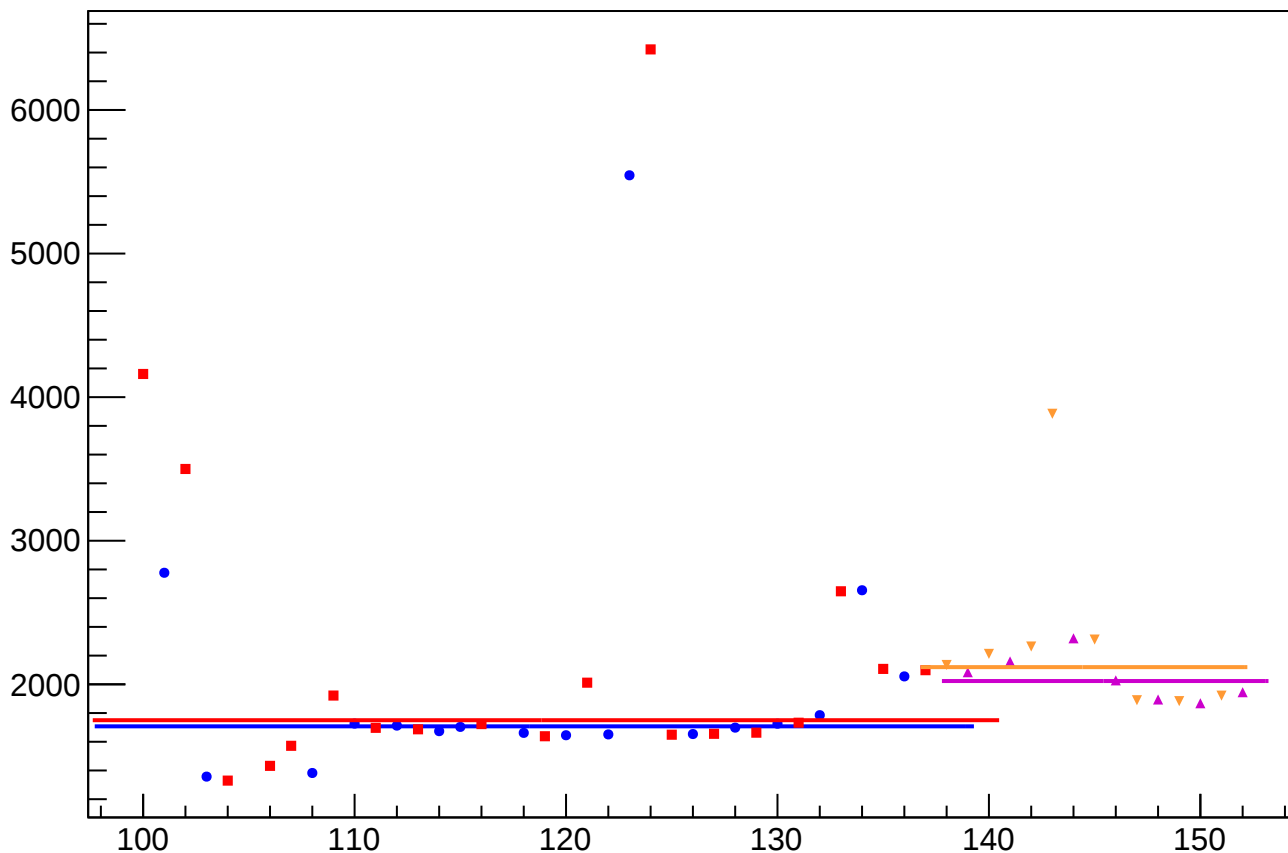
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3007.238 $\pm$ 526.054 χ^2 /NDF:9.7/23

Out: 1597.267 $\pm$ 541.629 χ^2 /NDF:42.0/26

All: 2322.816 $\pm$ 377.362 χ^2 /NDF: 55.1/50

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2119.768 $\pm$ 0.629 χ^2/NDF : 401233.4/7

Right Out: 1750.114 $\pm$ 0.483 χ^2/NDF : 746498.0/18

Left In: 2022.924 $\pm$ 0.595 χ^2/NDF : 58291.4/6

Left: 2068.650 $\pm$ 0.432 χ^2/NDF : 472027.2/14

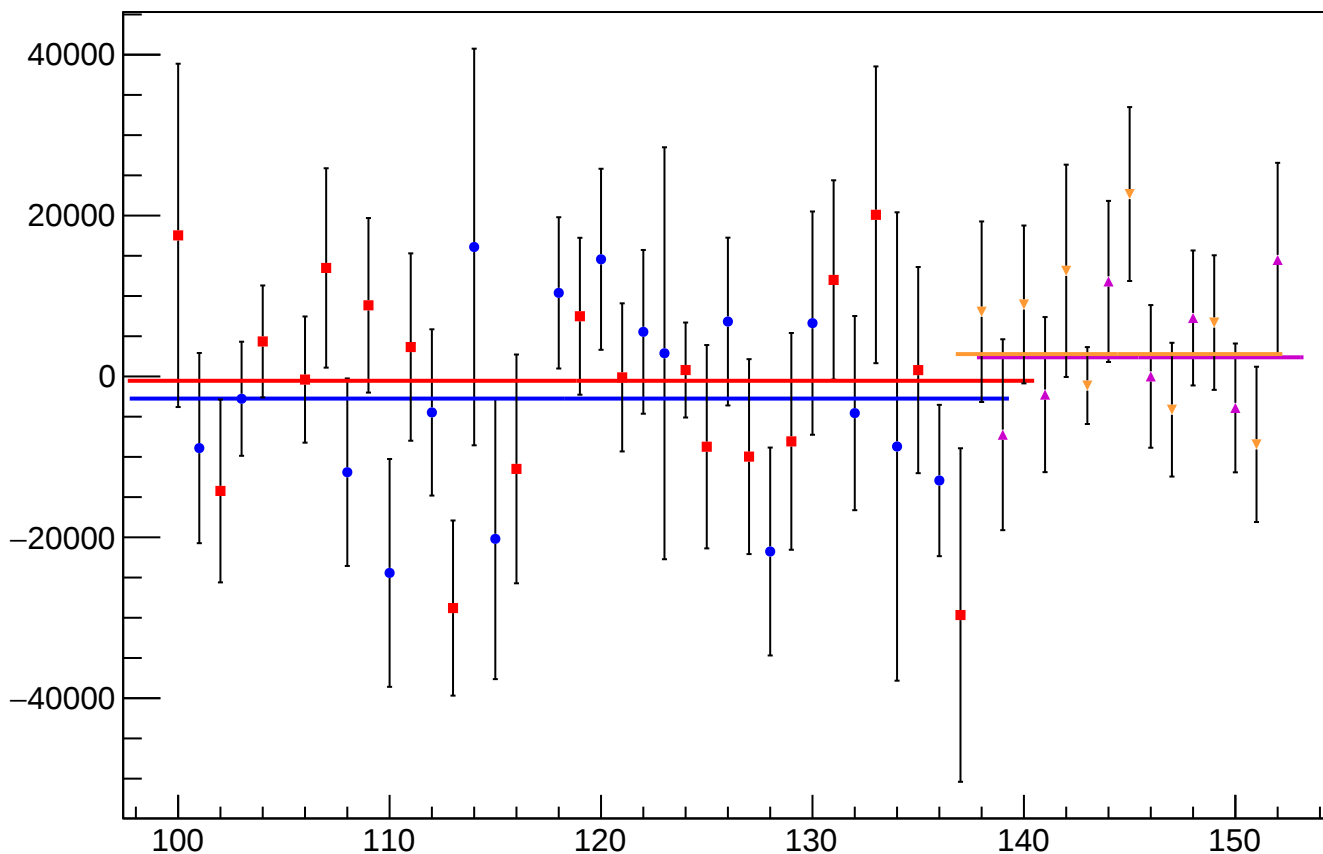
Right: 1728.481 $\pm$ 0.339 χ^2/NDF : 1172634.0/35

In: 1830.649 $\pm$ 0.372 χ^2/NDF : 651744.7/23

Out: 1887.004 $\pm$ 0.383 χ^2/NDF : 1365032.5/26

All: 1858.009 $\pm$ 0.267 χ^2/NDF : 2027920.9/50

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2779.897+/-2937.694 χ^2/NDF : 7.6/7

Right Out: -538.445+/-2424.977 χ^2/NDF : 18.5/18

Left In: 2380.787+/-3598.979 χ^2/NDF : 3.8/6

Left: 2620.309+/-2275.794 χ^2/NDF : 11.4/14

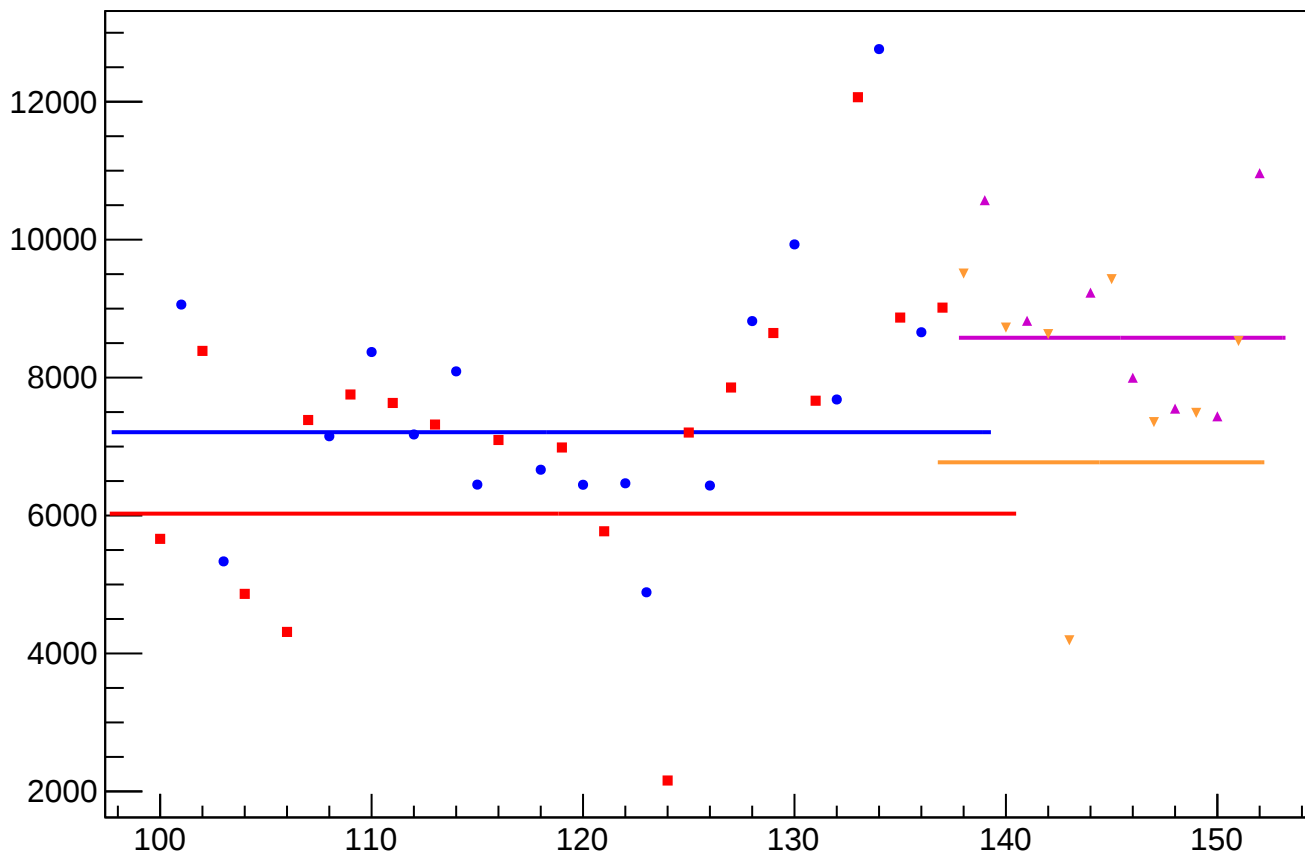
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -779.495+/-2230.619 χ^2/NDF : 19.6/23

Out: 806.338+/-1870.132 χ^2/NDF : 26.8/26

All: 151.759+/-1433.104 χ^2/NDF : 46.7/50

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6771.719+/-2.077 χ^2/NDF : 1032377.8/7

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

Left In: 8577.562+/-2.545 χ^2/NDF : 223490.3/6

Left: 7493.803+/-1.609 χ^2/NDF : 1558060.8/14

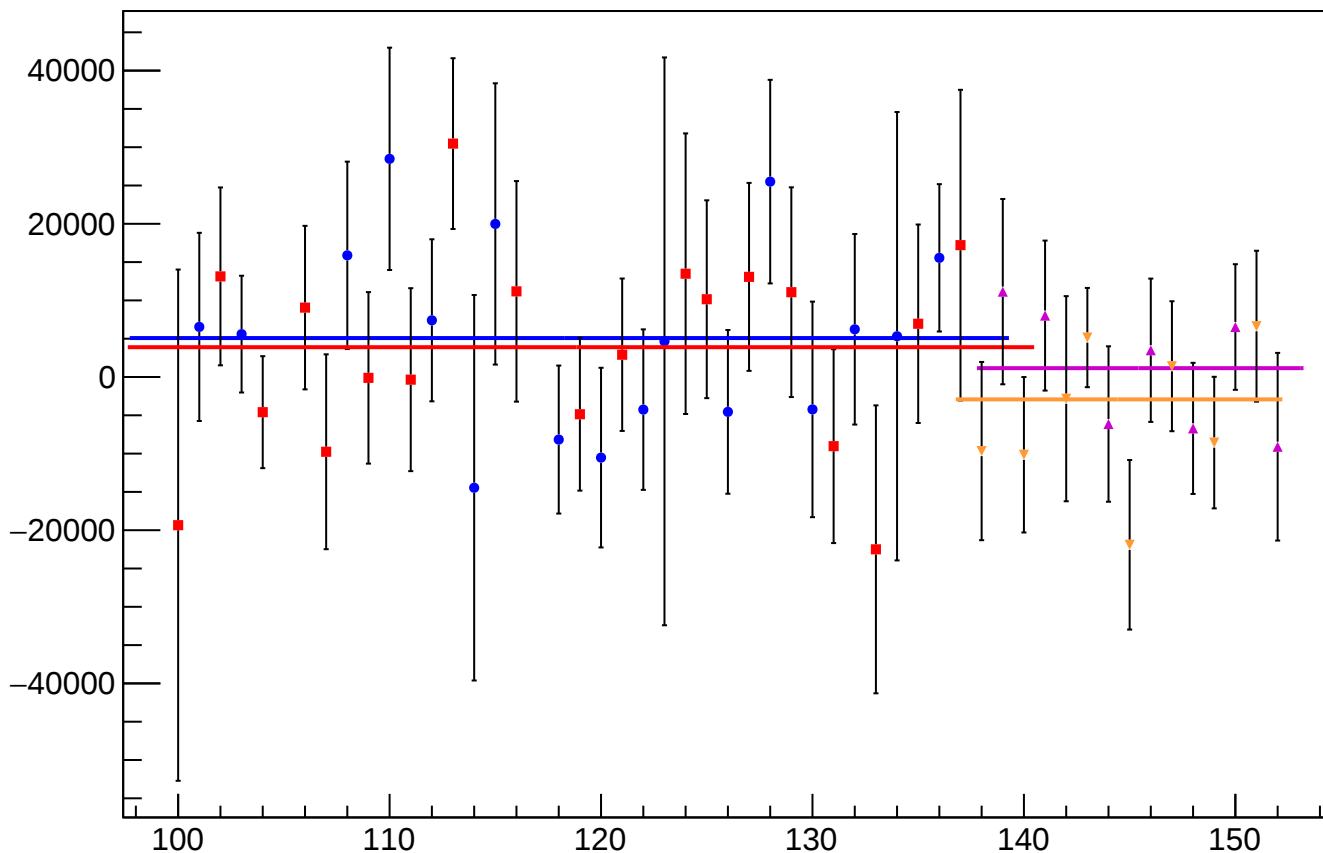
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7734.319+/-1.577 χ^2/NDF : 895517.3/23

Out: 6329.047+/-1.322 χ^2/NDF : 2906893.2/26

All: 6909.096+/-1.013 χ^2/NDF : 4268545.3/50

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -2922.401+/-3289.363 χ^2/NDF : 7.0/7

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

Left In: 1155.034+/-3686.151 χ^2/NDF : 3.7/6

Left: -1114.872+/-2454.269 χ^2/NDF : 11.4/14

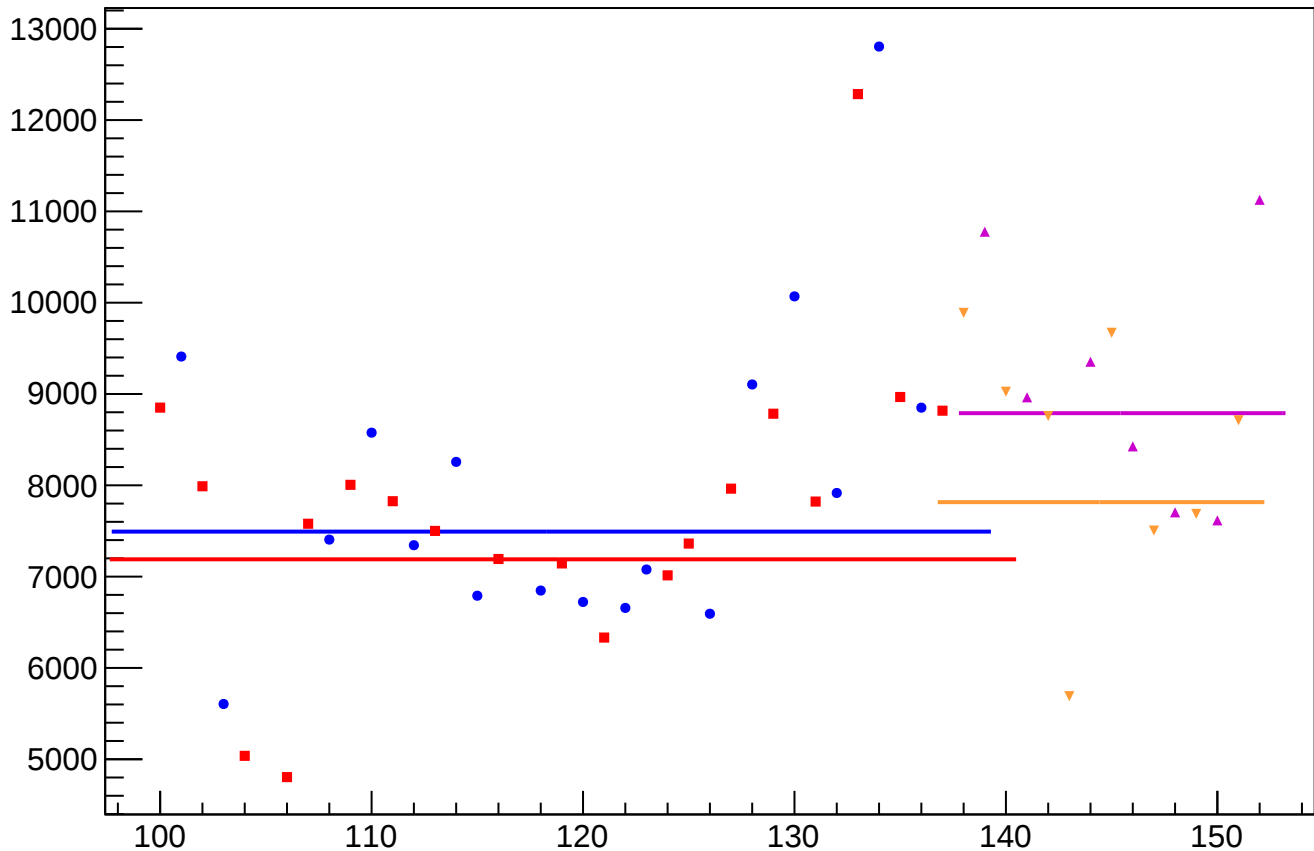
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3547.120+/-2305.728 χ^2/NDF : 18.4/23

Out: 1040.470+/-2127.831 χ^2/NDF : 25.1/26

All: 2193.377+/-1563.718 χ^2/NDF : 44.2/50

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7815.728 $\pm$ 2.326 χ^2/NDF : 392880.8/7

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

Left In: 8790.120 $\pm$ 2.607 χ^2/NDF : 209763.6/6

Left: 8247.676 $\pm$ 1.735 χ^2/NDF : 680443.0/14

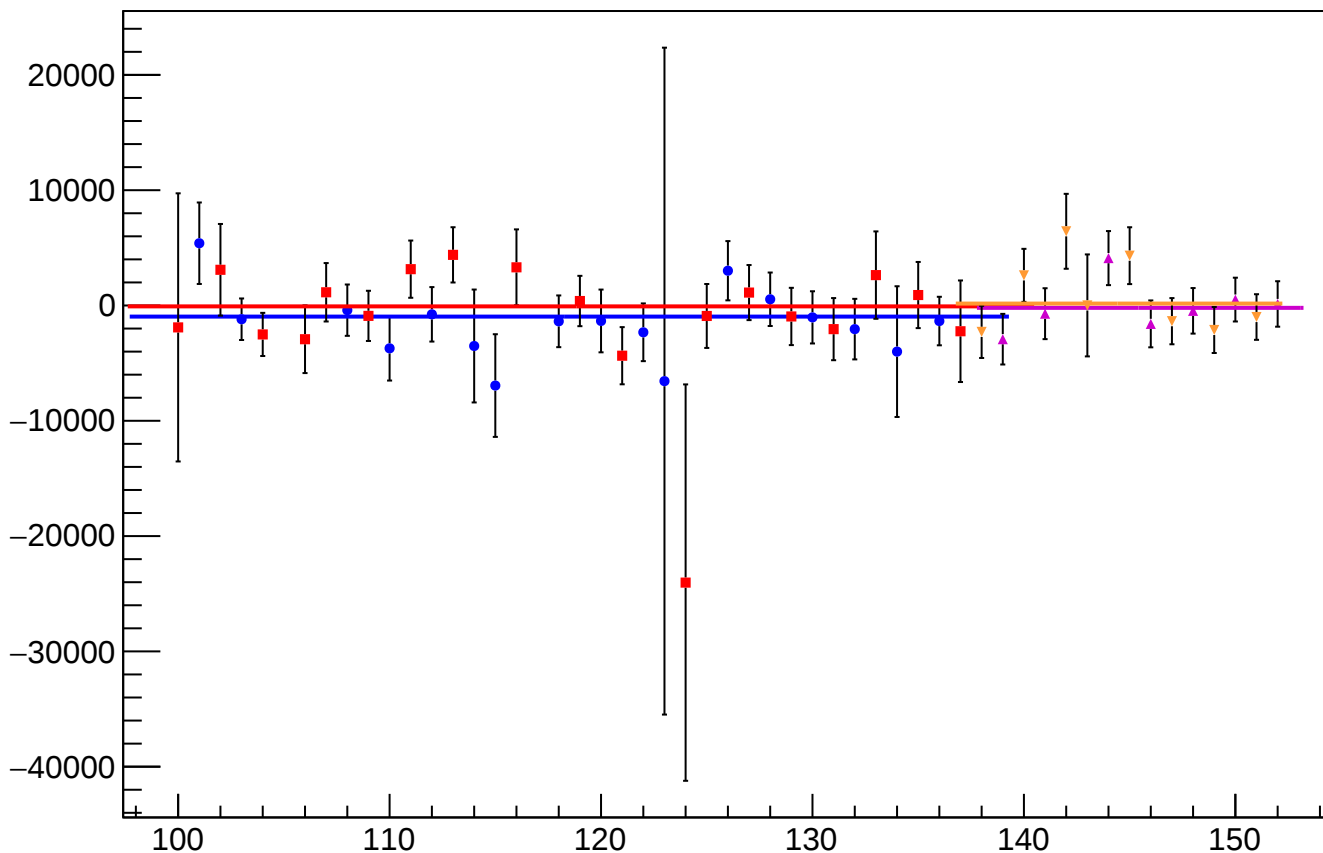
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

In: 8000.450 $\pm$ 1.630 χ^2/NDF : 797625.5/23

Out: 7451.513 $\pm$ 1.504 χ^2/NDF : 995934.0/26

All: 7703.975 $\pm$ 1.106 χ^2/NDF : 1854786.0/50

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 166.054 $\pm$ 830.350 χ^2/NDF : 11.1/7

Right Out: -76.747 $\pm$ 633.483 χ^2/NDF : 16.7/18

Left In: -204.157 $\pm$ 784.008 χ^2/NDF : 5.6/6

Left: -29.670 $\pm$ 570.057 χ^2/NDF : 16.8/14

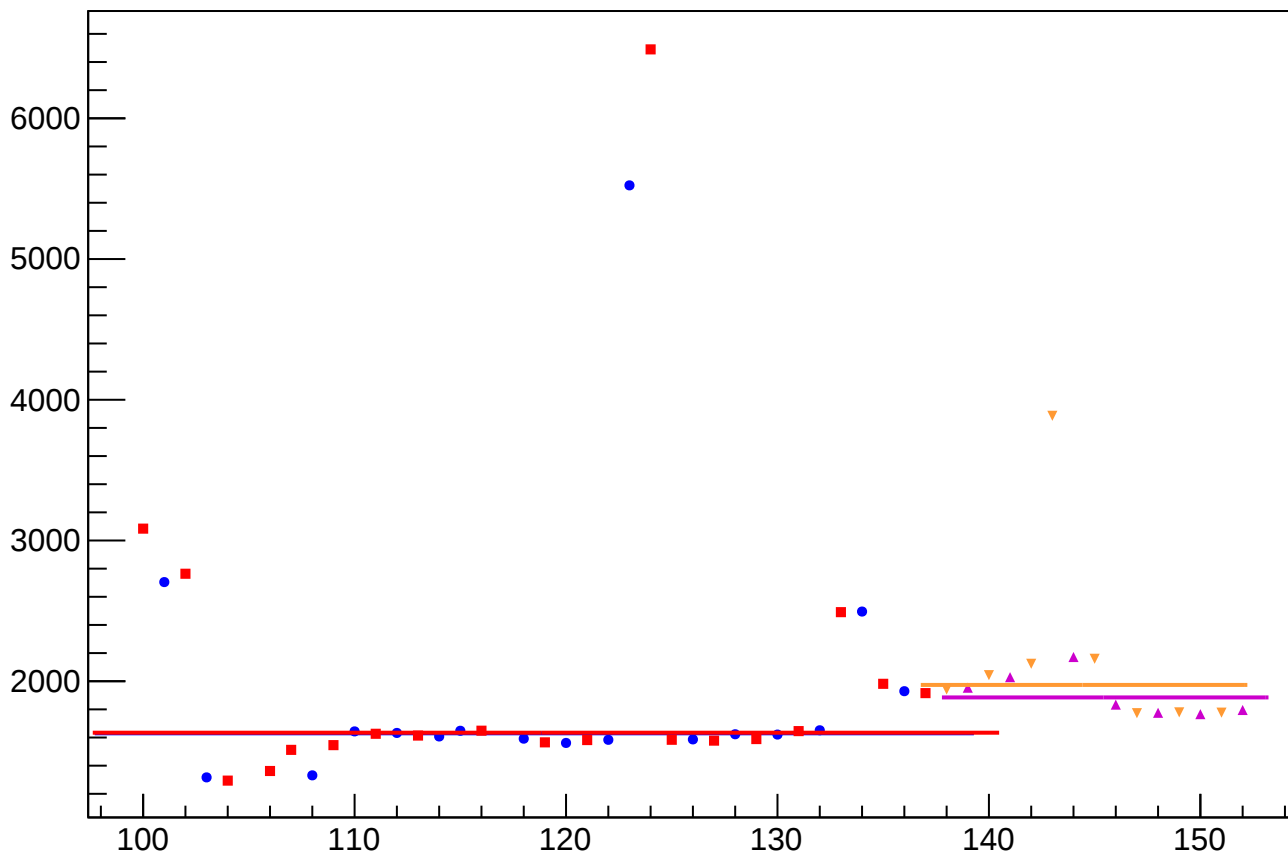
Right: -513.024 $\pm$ 451.276 χ^2/NDF : 27.8/35

In: -657.549 $\pm$ 497.187 χ^2/NDF : 16.3/23

Out: 12.580 $\pm$ 503.648 χ^2/NDF : 27.9/26

All: -326.811 $\pm$ 353.827 χ^2/NDF : 45.1/50

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 ± 0.455 $\chi^2/\text{NDF}: 408151.7/16$

Left Out: 1973.764 ± 0.587 $\chi^2/\text{NDF}: 450844.0/7$

Right Out: 1634.258 ± 0.448 $\chi^2/\text{NDF}: 588649.4/18$

Left In: 1884.878 ± 0.554 $\chi^2/\text{NDF}: 59782.7/6$

Left: 1926.772 ± 0.403 $\chi^2/\text{NDF}: 522743.0/14$

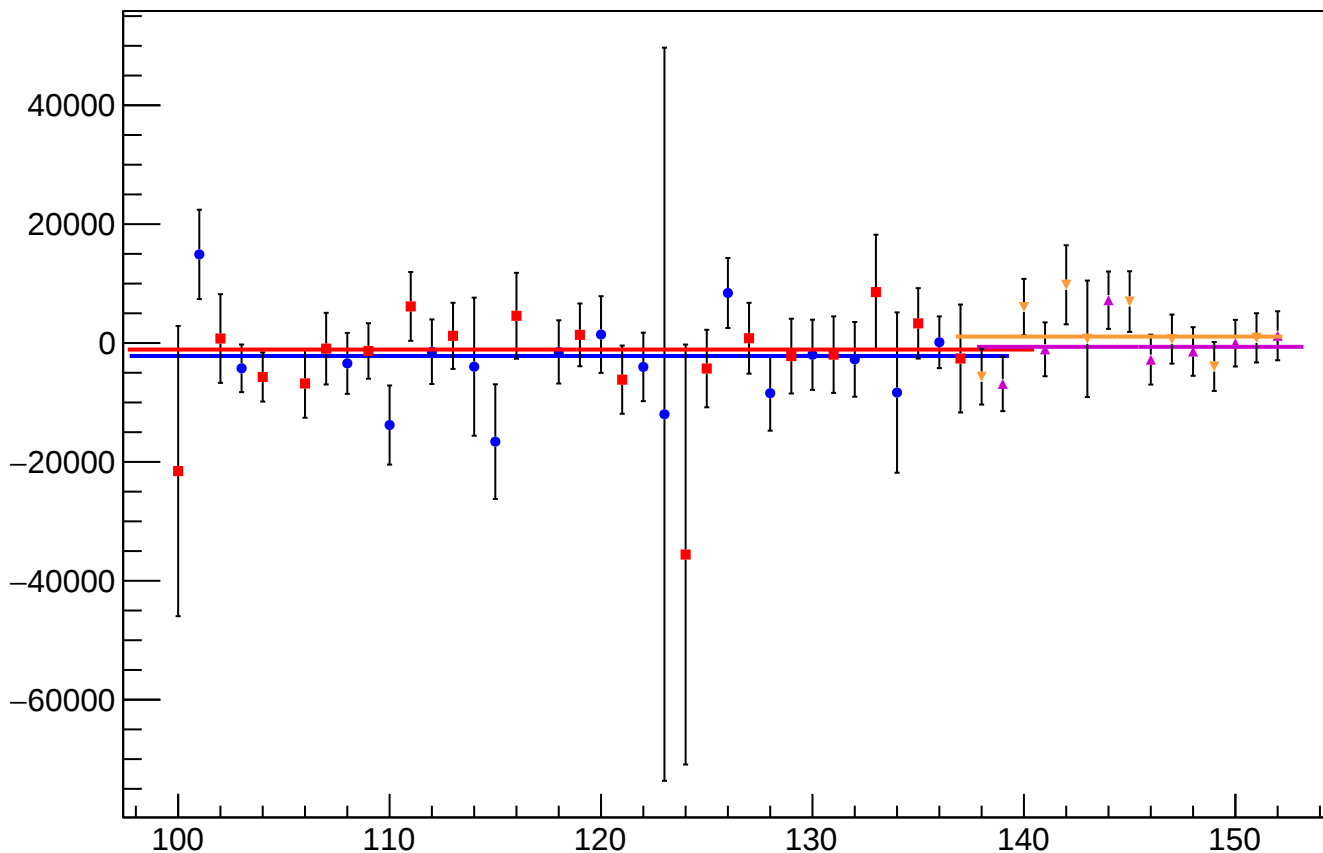
Right: 1632.138 ± 0.319 $\chi^2/\text{NDF}: 996846.6/35$

In: 1732.474 ± 0.352 $\chi^2/\text{NDF}: 594348.8/23$

Out: 1759.163 ± 0.356 $\chi^2/\text{NDF}: 1250837.1/26$

All: 1745.646 ± 0.250 $\chi^2/\text{NDF}: 1848030.2/50$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1080.362+/-1720.632 χ^2/NDF : 7.7/7

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

Left In: -641.003+/-1622.896 χ^2/NDF : 5.0/6

Left: 169.405+/-1180.601 χ^2/NDF : 13.3/14

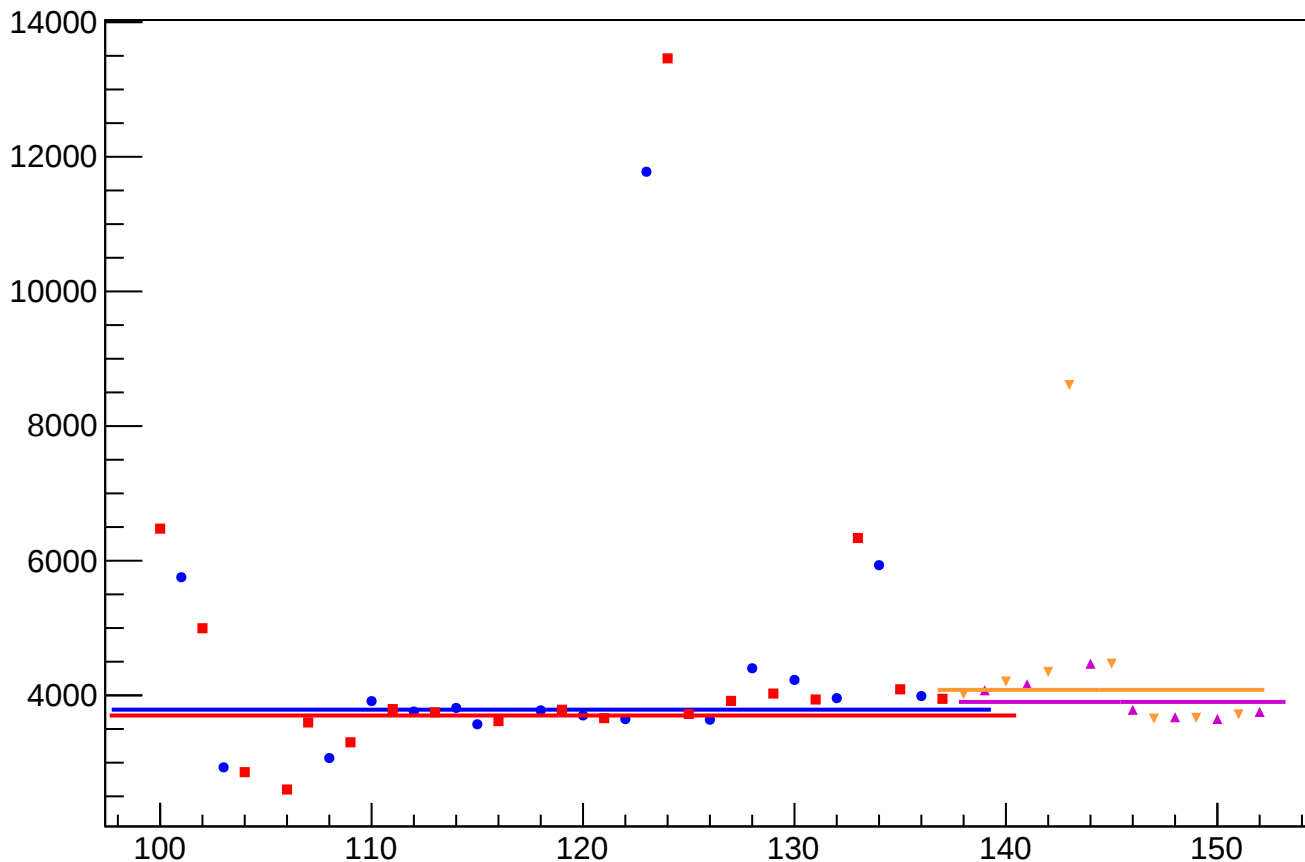
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1474.126+/-1098.777 χ^2/NDF : 21.5/23

Out: -201.057+/-1104.217 χ^2/NDF : 18.0/26

All: -840.735+/-778.869 χ^2/NDF : 40.1/50

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301 $\pm$ 1.056 χ^2/NDF : 392650.8/16

Left Out: 4081.135 $\pm$ 1.217 χ^2/NDF : 500986.9/7

Right Out: 3700.932 $\pm$ 1.018 χ^2/NDF : 581094.9/18

Left In: 3902.419 $\pm$ 1.148 χ^2/NDF : 55865.5/6

Left: 3986.557 $\pm$ 0.835 χ^2/NDF : 568270.9/14

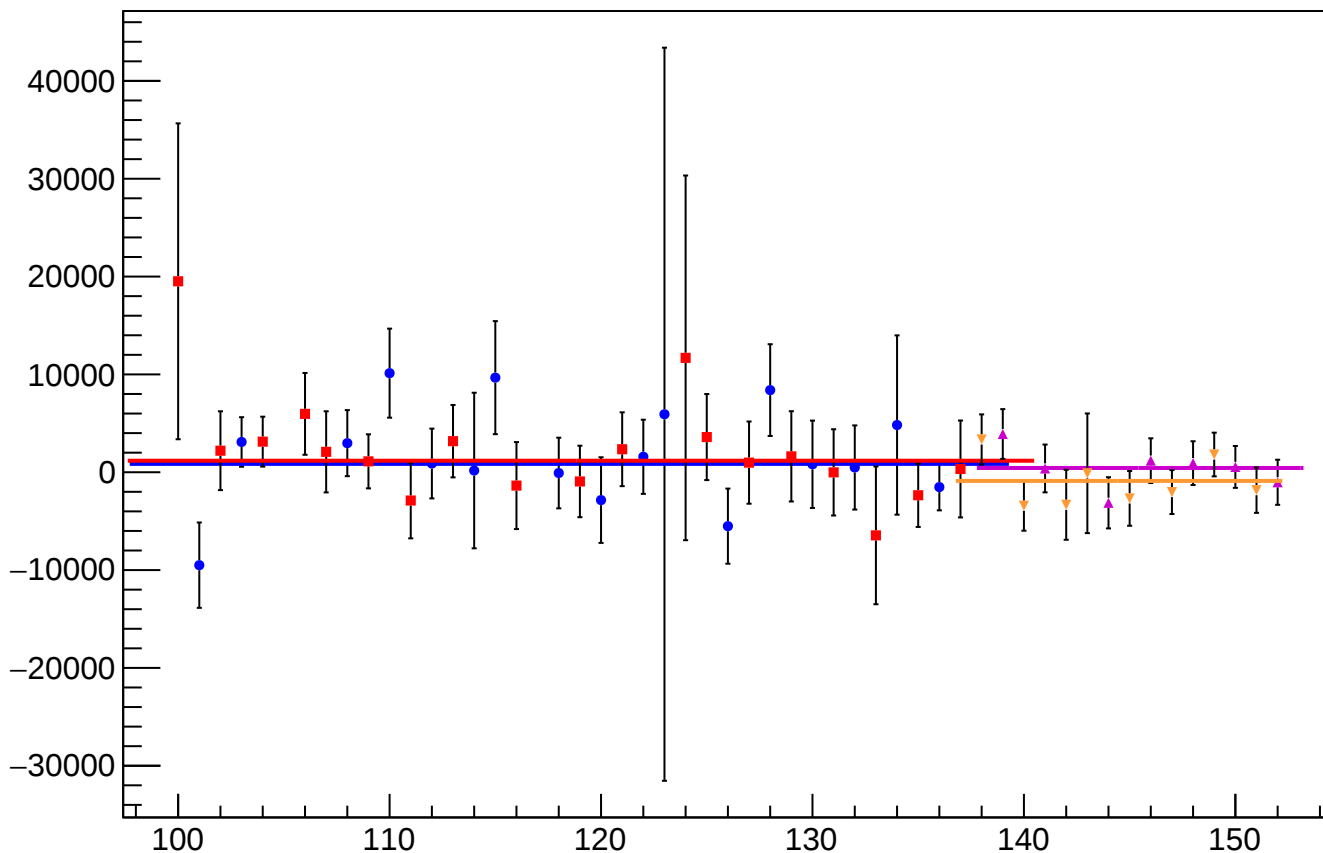
Right: 3742.549 $\pm$ 0.733 χ^2/NDF : 977213.6/35

In: 3840.070 $\pm$ 0.777 χ^2/NDF : 453966.6/23

Out: 3857.512 $\pm$ 0.781 χ^2/NDF : 1139518.0/26

All: 3848.748 $\pm$ 0.551 χ^2/NDF : 1593735.3/50

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -885.907 ± 943.704 χ^2/NDF : 6.5/7

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

Left In: 436.622 ± 888.564 χ^2/NDF : 4.3/6

Left: -184.879 ± 646.925 χ^2/NDF : 11.8/14

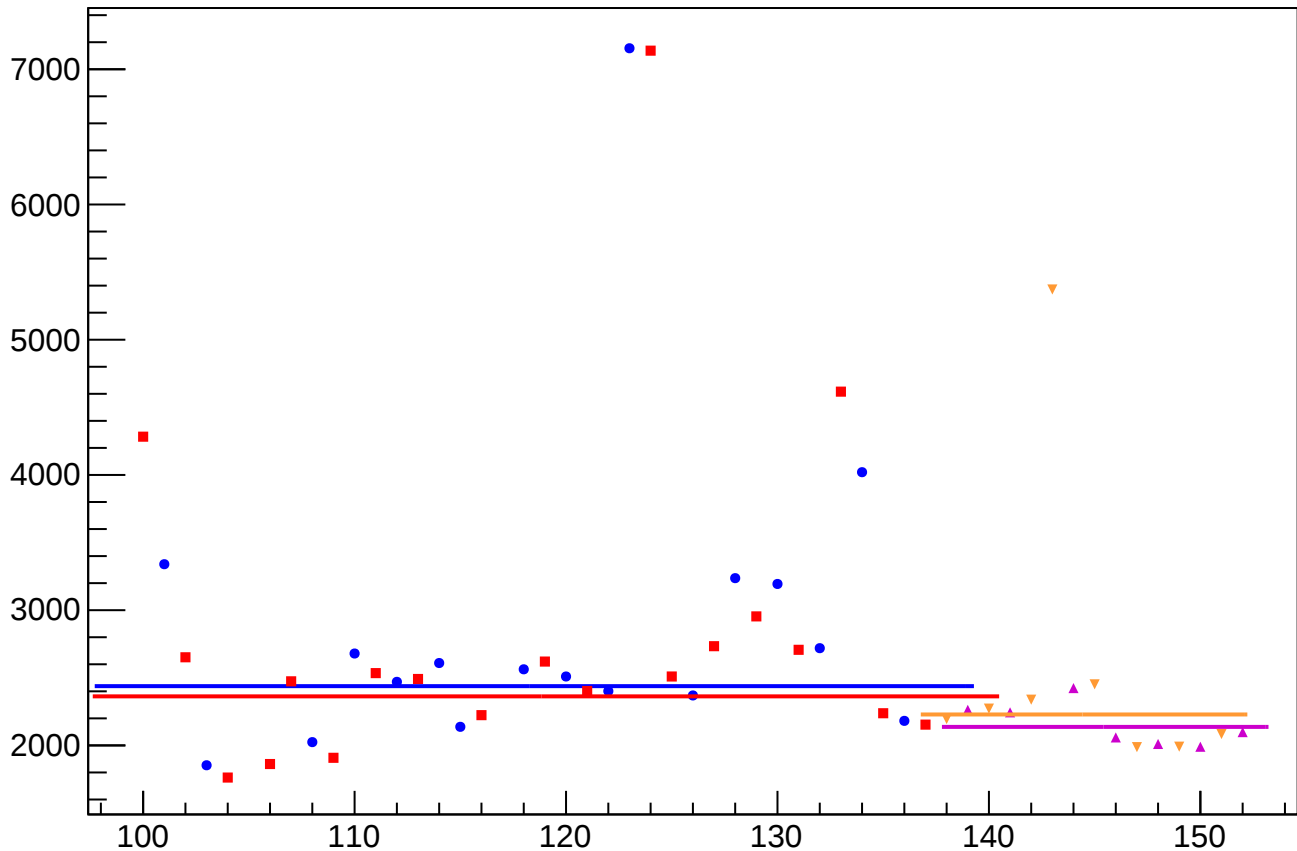
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 629.188 ± 653.584 χ^2/NDF : 25.0/23

Out: 165.978 ± 660.831 χ^2/NDF : 17.5/26

All: 400.137 ± 464.695 χ^2/NDF : 42.8/50

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2228.836+/-0.667 χ^2/NDF : 597316.9/7

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

Left In: 2136.951+/-0.628 χ^2/NDF : 51513.0/6

Left: 2180.130+/-0.457 χ^2/NDF : 658880.2/14

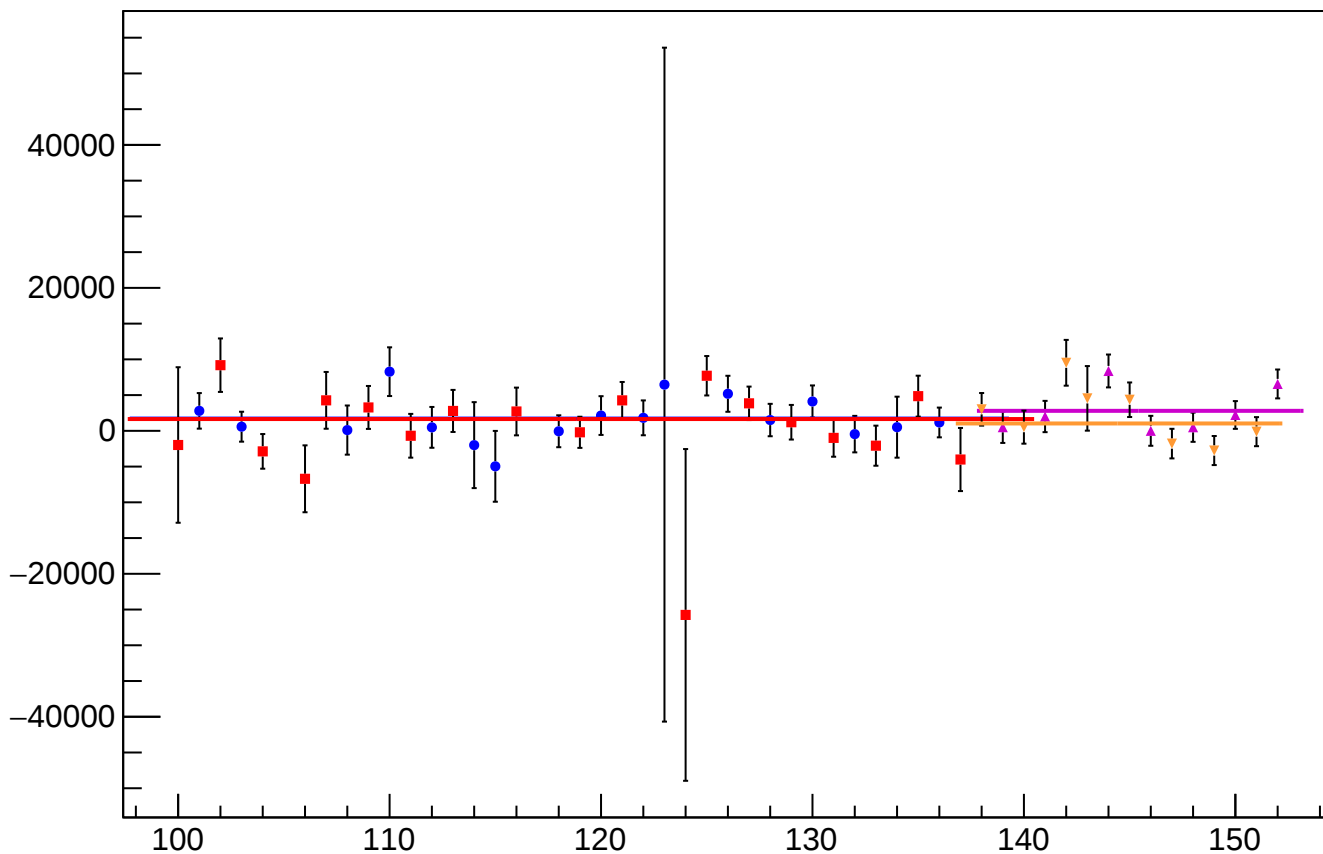
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2275.248+/-0.462 χ^2/NDF : 633796.9/23

Out: 2297.079+/-0.467 χ^2/NDF : 1275363.9/26

All: 2286.044+/-0.329 χ^2/NDF : 1910264.2/50

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1031.772+/-840.809 χ^2/NDF : 16.0/7

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

Left In: 2798.185+/-795.050 χ^2/NDF : 13.7/6

Left: 1964.351+/-577.685 χ^2/NDF : 32.0/14

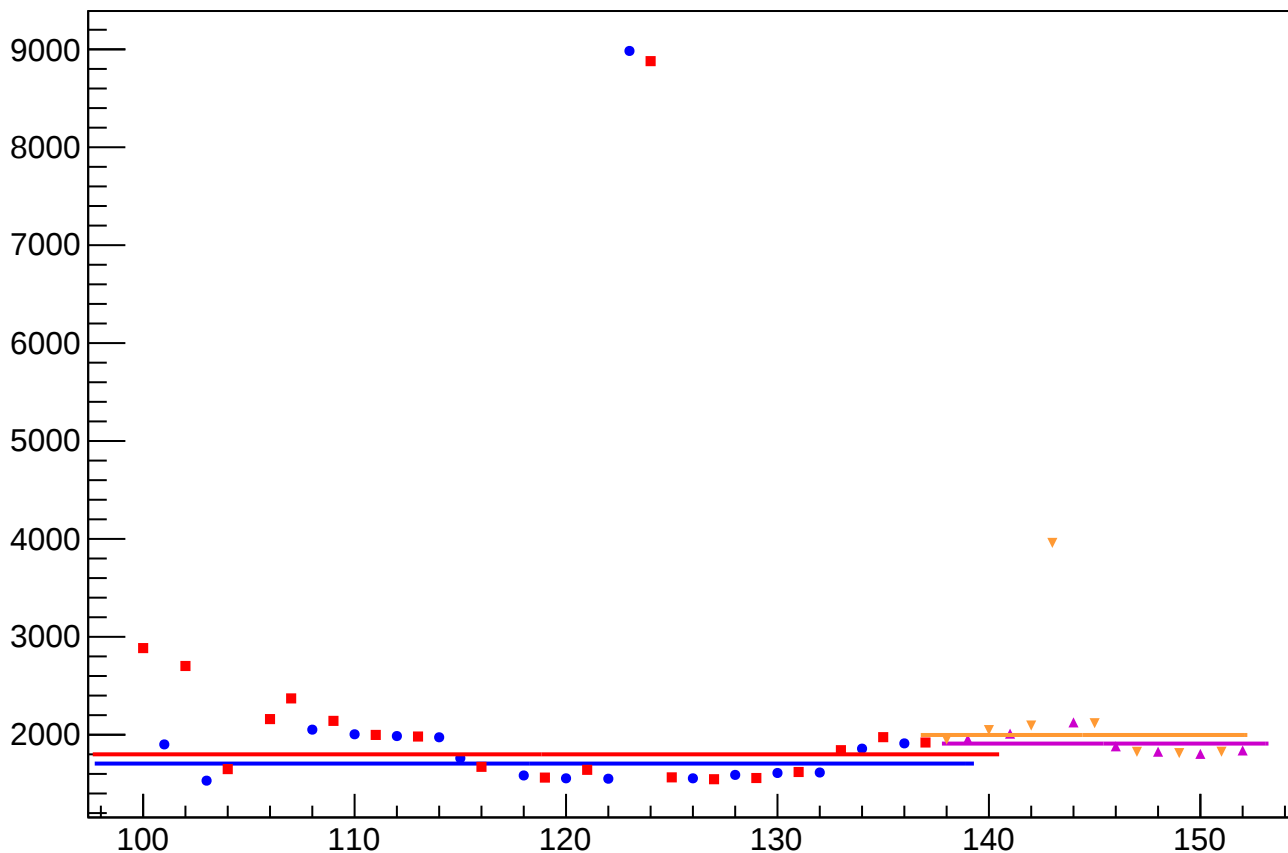
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2161.136+/-511.059 χ^2/NDF : 26.2/23

Out: 1399.674+/-535.359 χ^2/NDF : 43.2/26

All: 1798.078+/-369.665 χ^2/NDF : 70.4/50

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1997.631+/-0.595 χ^2/NDF : 430121.2/7

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

Left In: 1909.744+/-0.562 χ^2/NDF : 34712.1/6

Left: 1951.231+/-0.408 χ^2/NDF : 476369.7/14

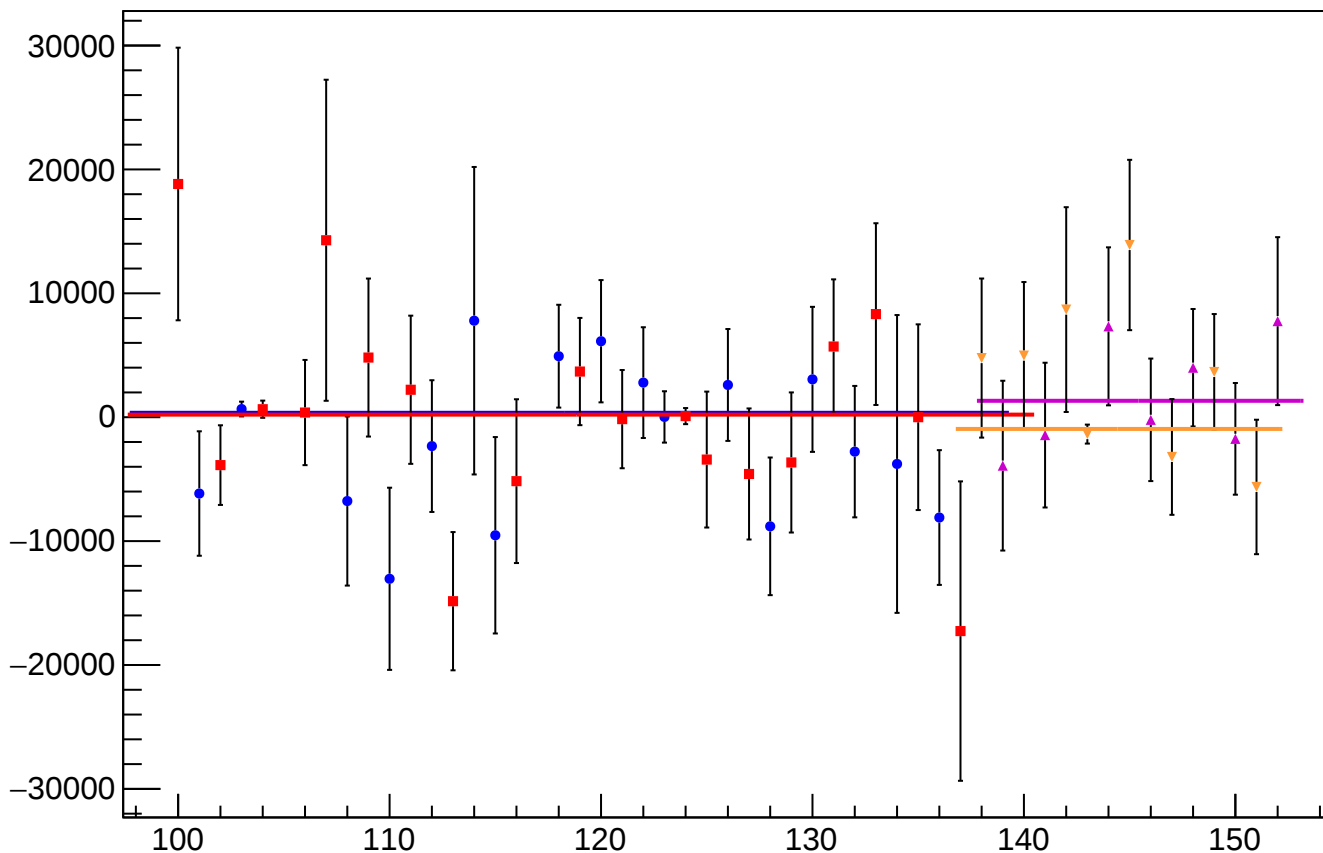
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1789.965+/-0.361 χ^2/NDF : 306245.1/23

Out: 1879.908+/-0.378 χ^2/NDF : 1034722.2/26

All: 1832.908+/-0.261 χ^2/NDF : 1370543.8/50

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -946.174+/-722.120 χ^2/NDF :10.1/7

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

Left In: 1325.291+/-2077.988 χ^2/NDF :3.5/6

Left: -701.422+/-682.107 χ^2/NDF : 14.6/14

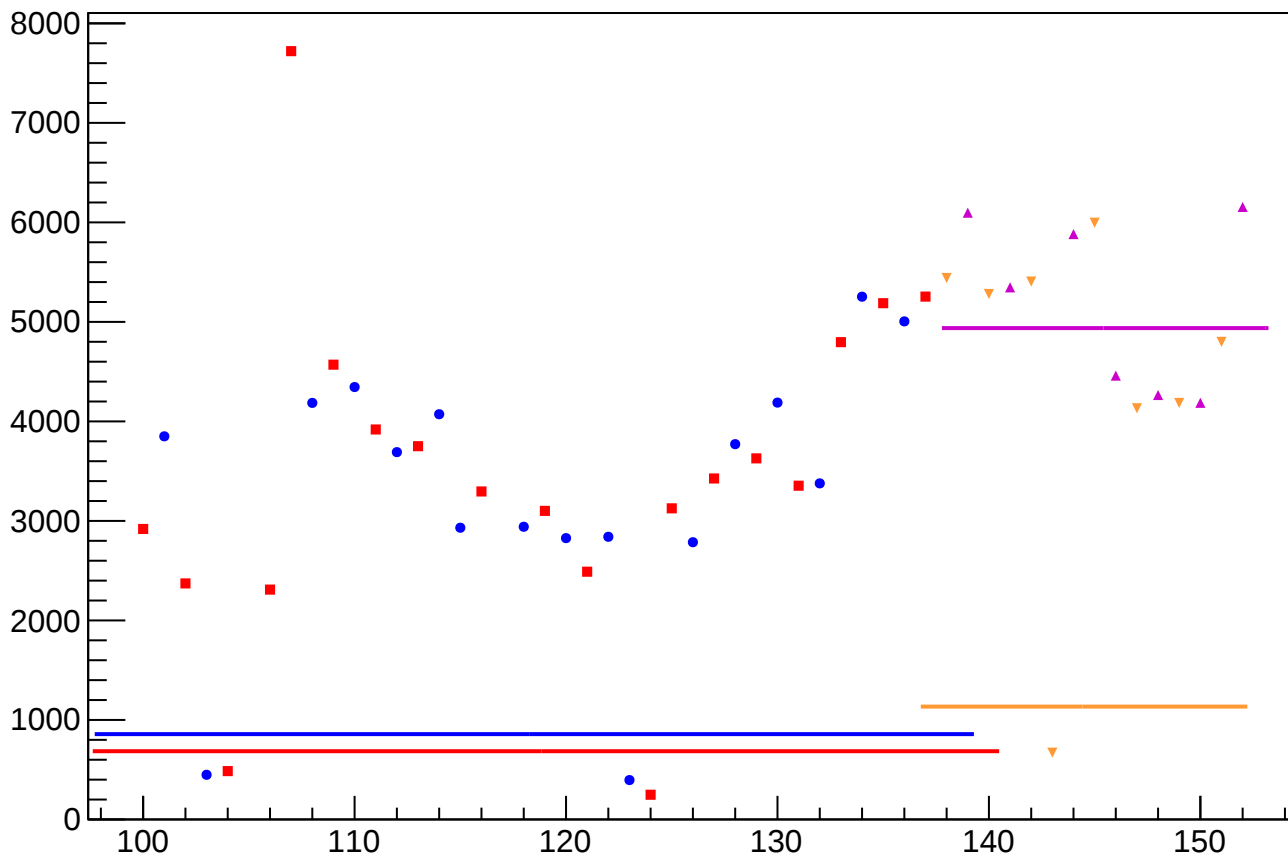
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 416.840+/-516.477 χ^2/NDF :21.2/23

Out: -109.970+/-379.845 χ^2/NDF :33.3/26

All: 74.954+/-305.999 χ^2/NDF : 55.1/50

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1134.151 $\pm$ 0.511 χ^2/NDF : 6728201.6/7

Right Out: 685.800 $\pm$ 0.316 χ^2/NDF : 9461114.1/18

Left In: 4937.817 $\pm$ 1.469 χ^2/NDF : 289863.6/6

Left: 1543.997 $\pm$ 0.482 χ^2/NDF : 12997153.4/14

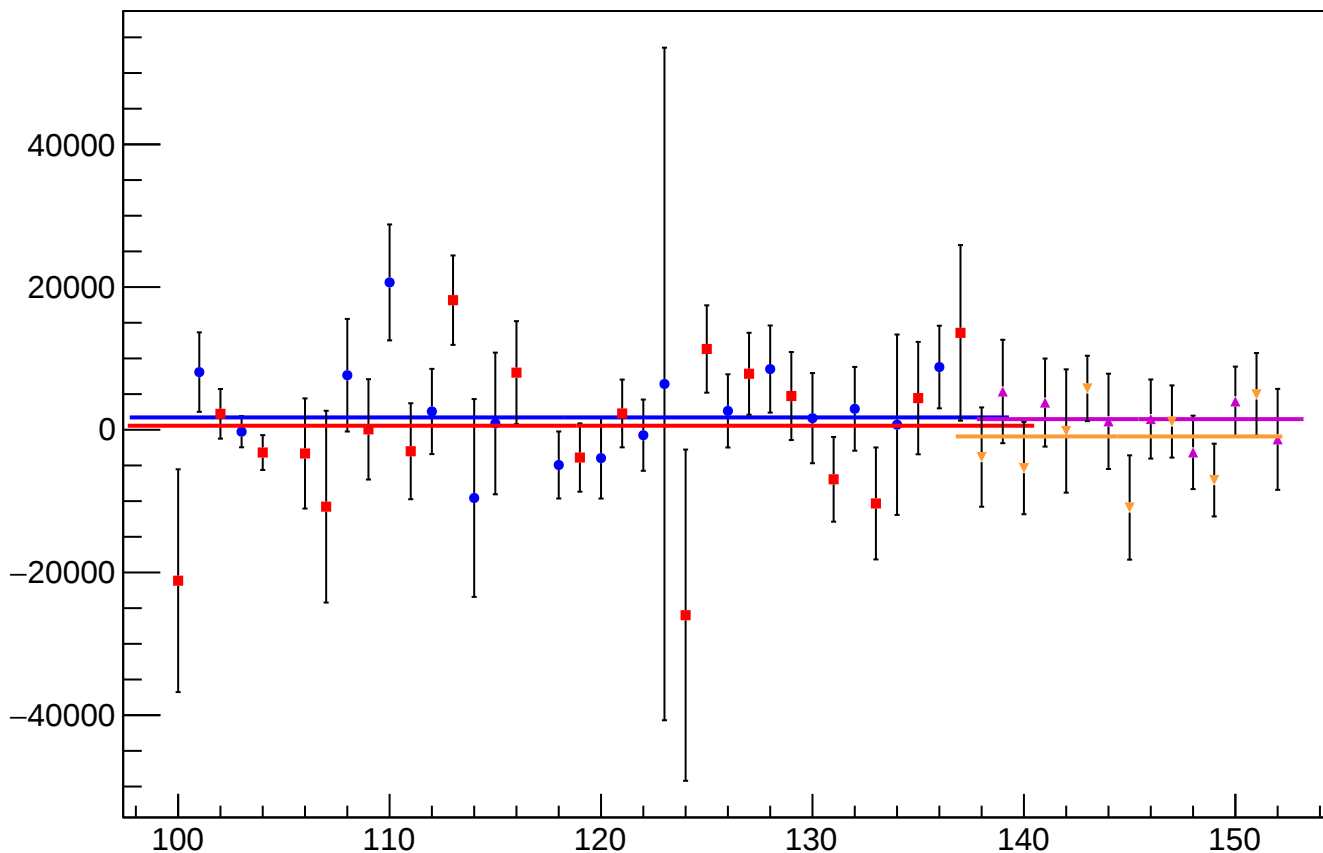
Right: 756.584 $\pm$ 0.242 χ^2/NDF : 17758209.4/35

In: 1109.537 $\pm$ 0.365 χ^2/NDF : 15700223.1/23

Out: 809.855 $\pm$ 0.269 χ^2/NDF : 16746978.0/26

All: 915.051 $\pm$ 0.216 χ^2/NDF : 32884196.1/50

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -933.198+/-2078.001 χ^2/NDF : 7.3/7

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

Left In: 1493.182+/-2235.943 χ^2/NDF : 1.7/6

Left: 191.276+/-1522.146 χ^2/NDF : 9.6/14

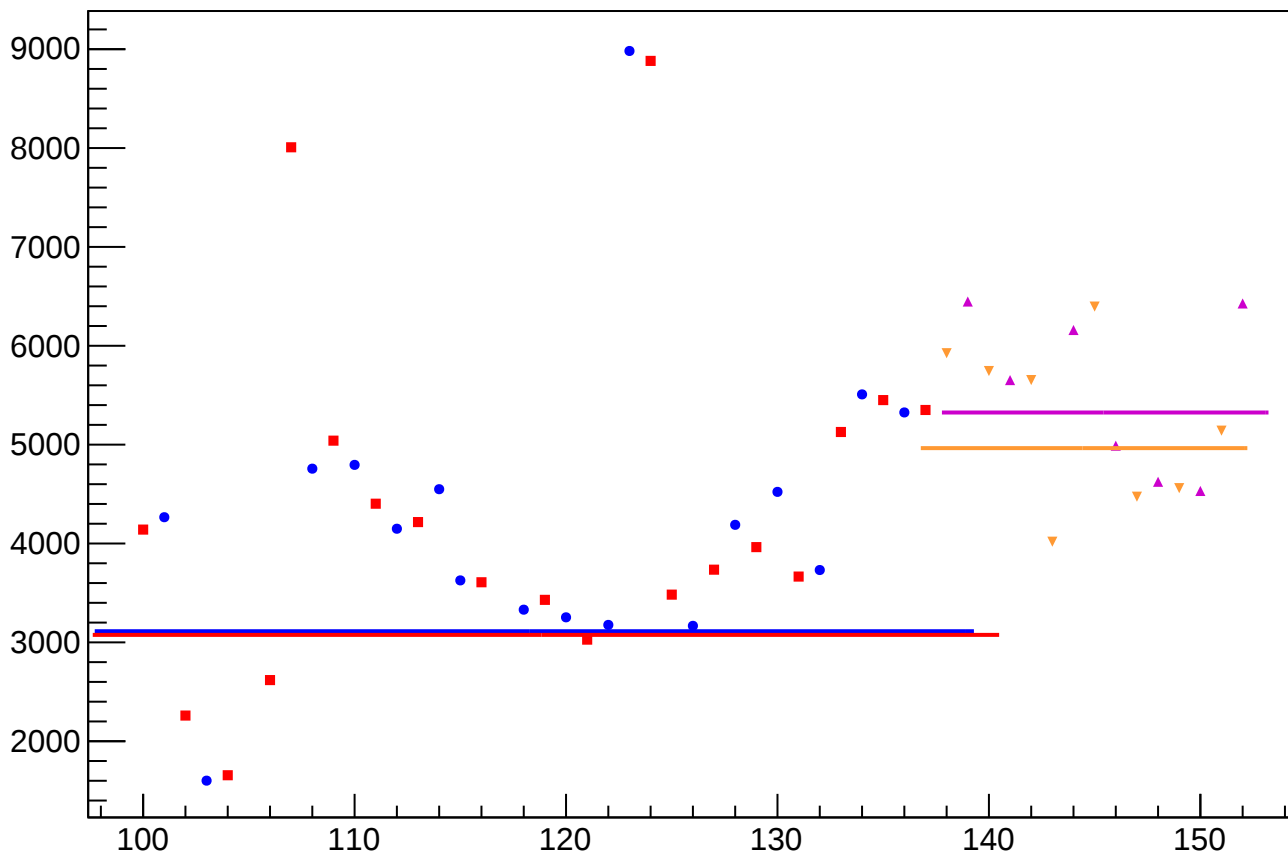
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1672.296+/-1126.824 χ^2/NDF : 16.6/23

Out: 151.465+/-1093.721 χ^2/NDF : 34.8/26

All: 889.213+/-784.820 χ^2/NDF : 52.3/50

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 4964.710 $\pm$ 1.469 χ^2 /NDF: 275144.6/7

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

Left In: 5325.010 $\pm$ 1.581 χ^2 /NDF: 230786.0/6

Left: 5131.687 $\pm$ 1.076 χ^2 /NDF: 533795.4/14

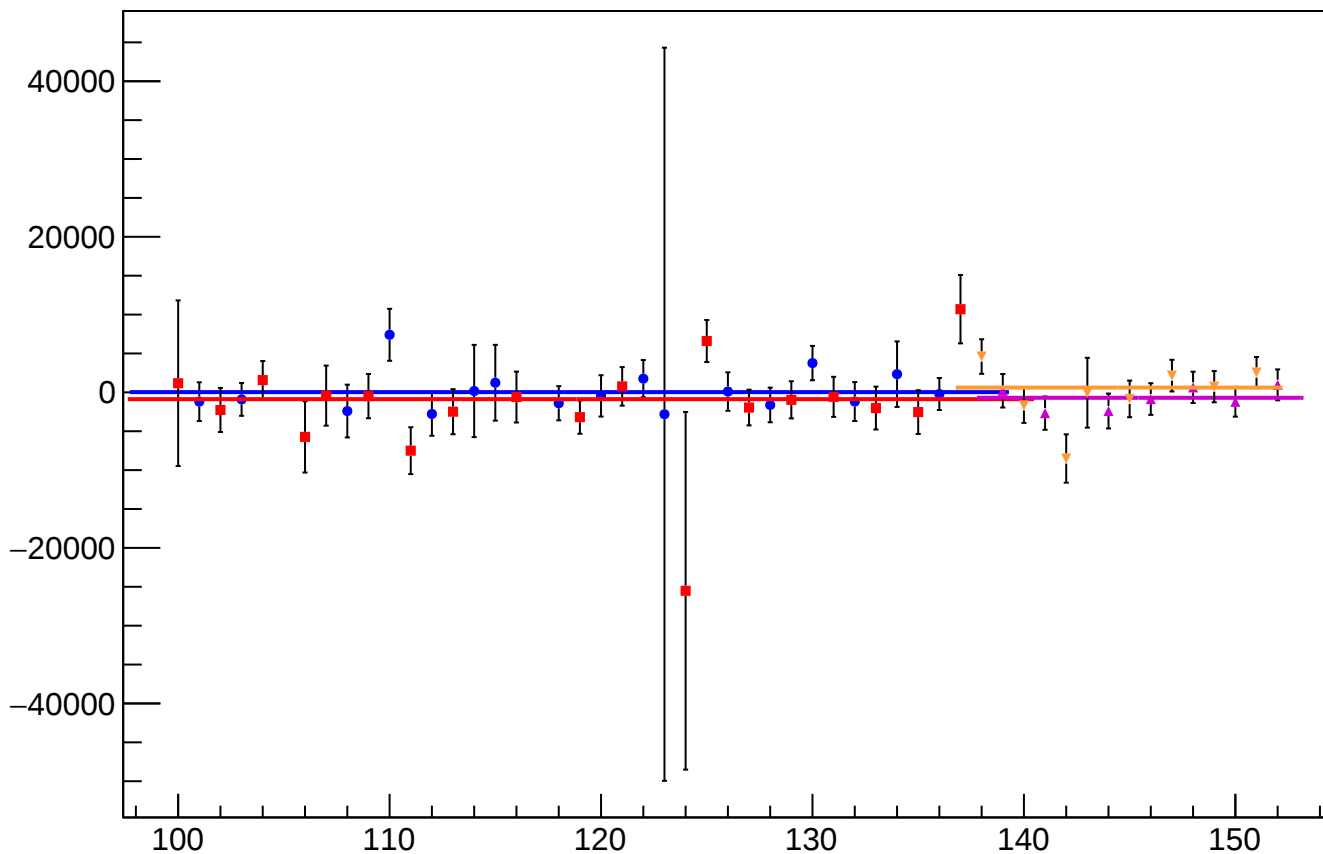
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3674.557 $\pm$ 0.797 χ^2 /NDF: 3575995.6/23

Out: 3588.044 $\pm$ 0.765 χ^2 /NDF: 3490628.9/26

All: 3629.554 $\pm$ 0.552 χ^2 /NDF: 7072757.0/50

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 611.809 ± 824.170 $\chi^2/\text{NDF}: 14.8/7$

Right Out: -874.470 ± 673.273 $\chi^2/\text{NDF}: 25.7/18$

Left In: -699.463 ± 779.160 $\chi^2/\text{NDF}: 2.8/6$

Left: -80.609 ± 566.193 $\chi^2/\text{NDF}: 18.9/14$

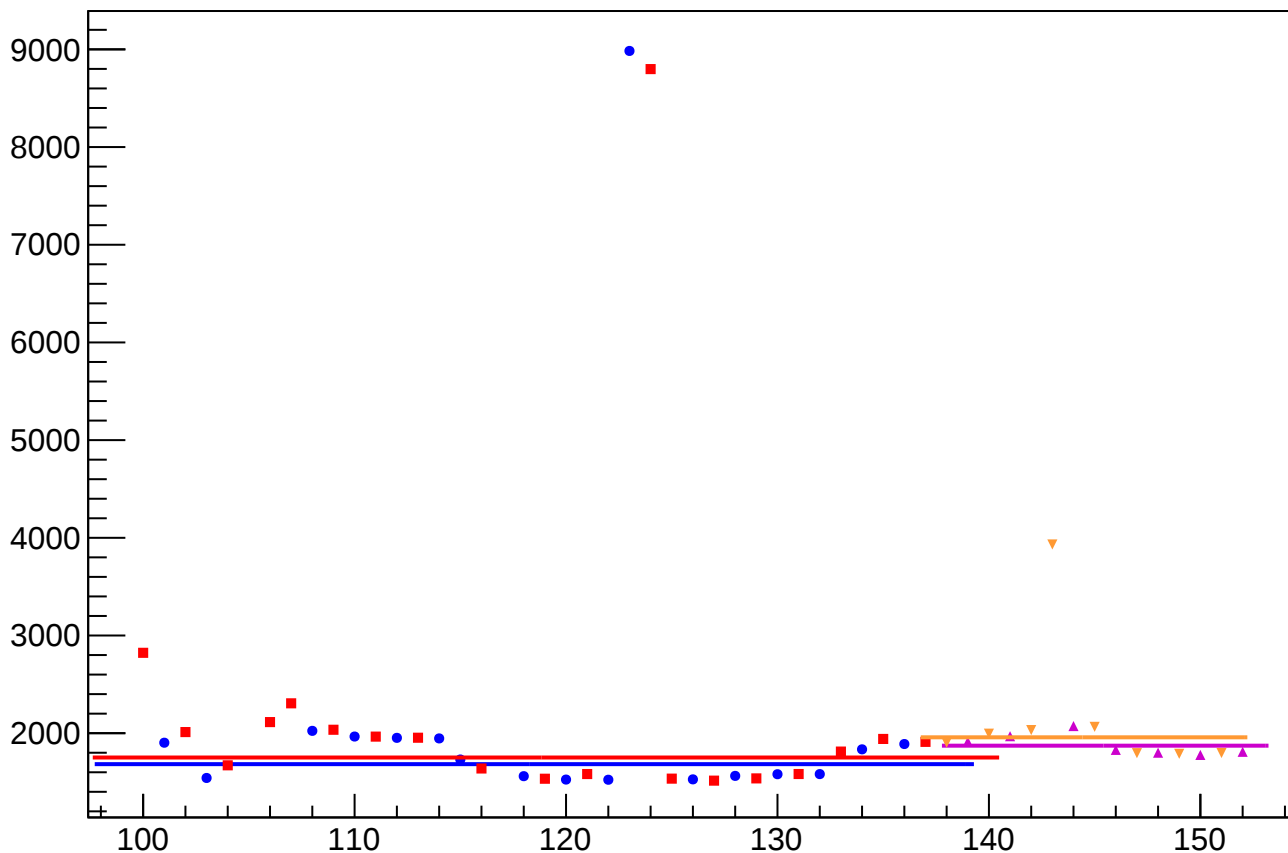
Right: -412.596 ± 470.731 $\chi^2/\text{NDF}: 38.4/35$

In: -274.409 ± 502.898 $\chi^2/\text{NDF}: 15.2/23$

Out: -279.597 ± 521.409 $\chi^2/\text{NDF}: 42.4/26$

All: -276.909 ± 361.970 $\chi^2/\text{NDF}: 57.5/50$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1957.830+/-0.583 χ^2/NDF : 433912.1/7

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

Left In: 1872.207+/-0.551 χ^2/NDF : 31163.9/6

Left: 1912.617+/-0.400 χ^2/NDF : 476474.8/14

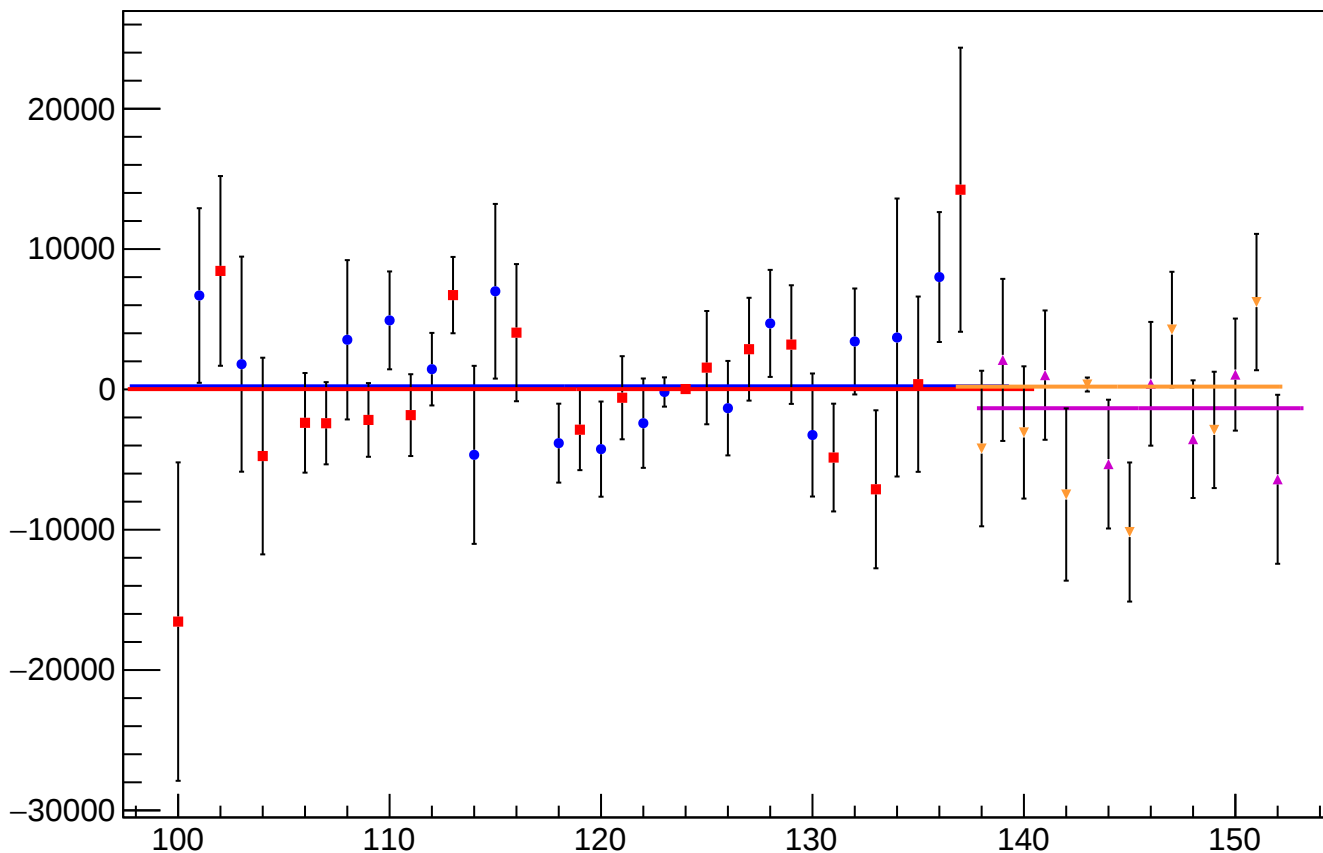
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1761.893+/-0.356 χ^2/NDF : 295736.6/23

Out: 1833.615+/-0.368 χ^2/NDF : 936596.0/26

All: 1796.506+/-0.256 χ^2/NDF : 1251964.2/50

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 197.836 $\pm$ 481.357 χ^2 /NDF:10.2/7

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

Left In: -1341.282 $\pm$ 1759.034 χ^2 /NDF:2.9/6

Left: 90.611 $\pm$ 464.287 χ^2 /NDF: 13.8/14

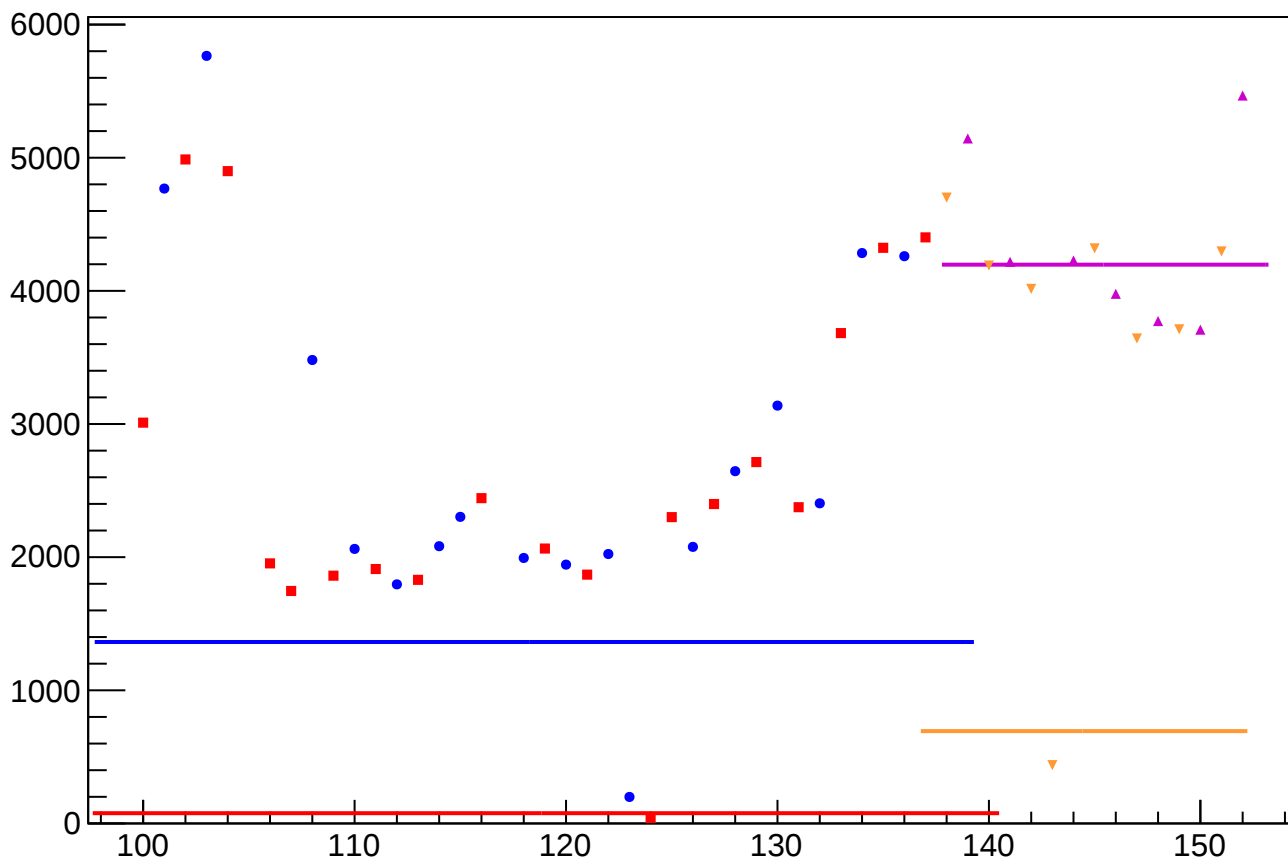
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: -4.693 $\pm$ 667.067 χ^2 /NDF:19.4/23

Out: 29.719 $\pm$ 111.051 χ^2 /NDF:31.0/26

All: 28.791 $\pm$ 109.543 χ^2 /NDF: 50.4/50

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 693.626 $\pm$ 0.340 χ^2 /NDF: 7511910.7/7

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

Left In: 4196.844 $\pm$ 1.244 χ^2 /NDF: 198255.5/6

Left: 937.683 $\pm$ 0.328 χ^2 /NDF: 15090139.0/14

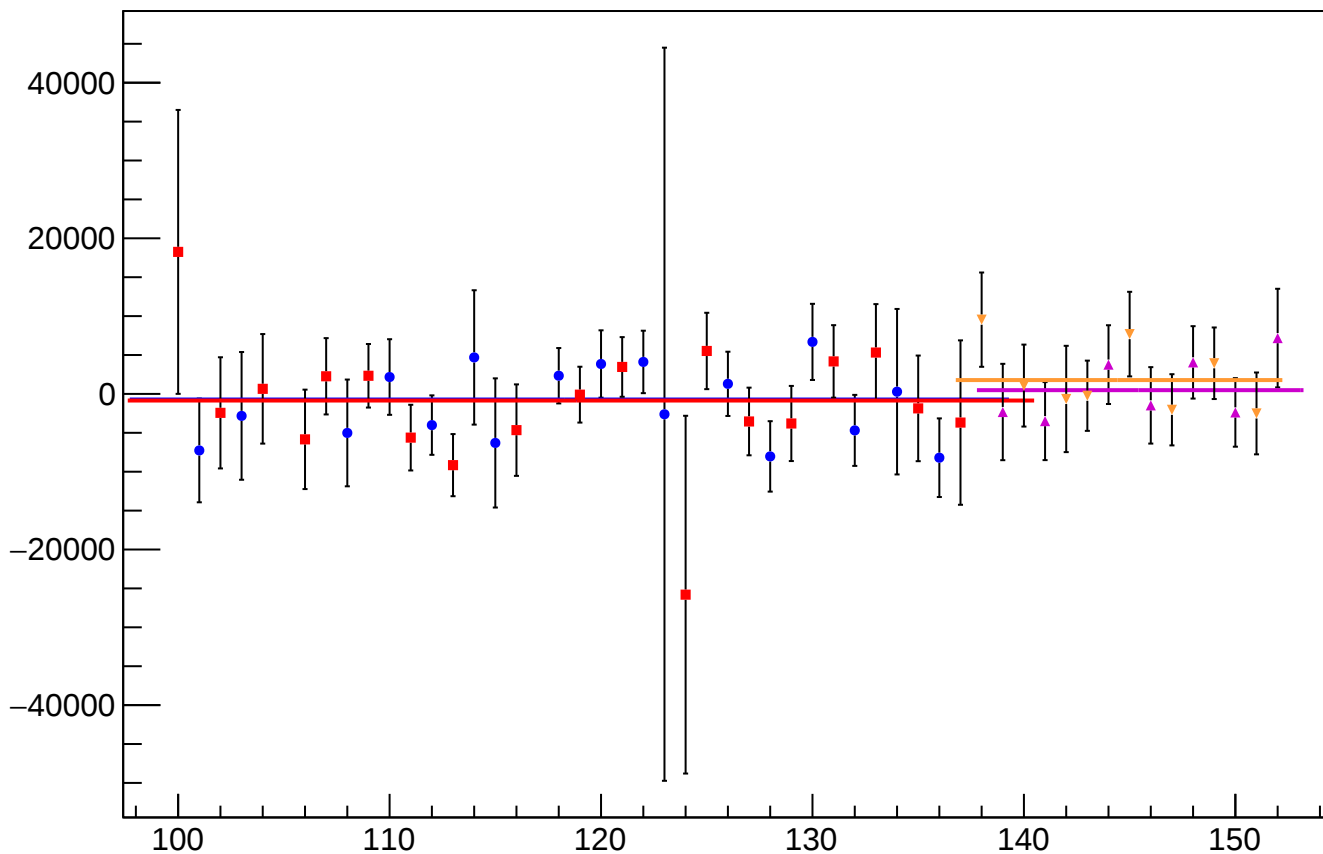
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1770.401 $\pm$ 0.472 χ^2 /NDF: 10878901.5/23

Out: 109.941 $\pm$ 0.079 χ^2 /NDF: 23865991.1/26

All: 154.719 $\pm$ 0.077 χ^2 /NDF: 46802905.1/50

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1778.117+/-1829.412 χ^2/NDF : 4.7/7

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

Left In: 481.330+/-1928.279 χ^2/NDF : 3.5/6

Left: 1163.819+/-1327.165 χ^2/NDF : 8.5/14

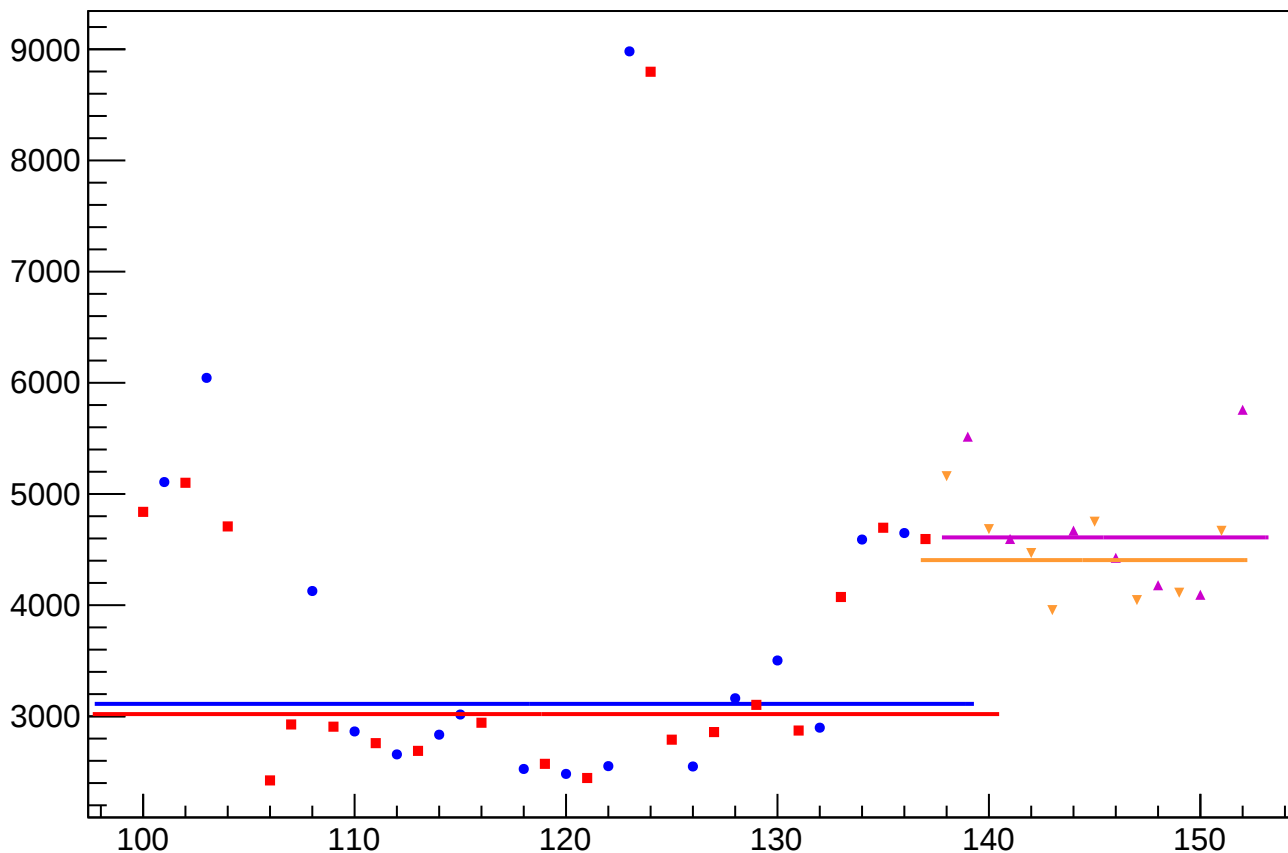
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -364.578+/-1050.381 χ^2/NDF : 18.6/23

Out: -66.734+/-998.650 χ^2/NDF : 22.2/26

All: -208.142+/-723.750 χ^2/NDF : 40.8/50

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4405.345 $\pm$ 1.294 χ^2/NDF : 90221.6/7

Right Out: 3020.363 $\pm$ 0.832 χ^2/NDF : 794218.3/18

Left In: 4609.563 $\pm$ 1.363 χ^2/NDF : 156085.5/6

Left: 4502.084 $\pm$ 0.938 χ^2/NDF : 258113.3/14

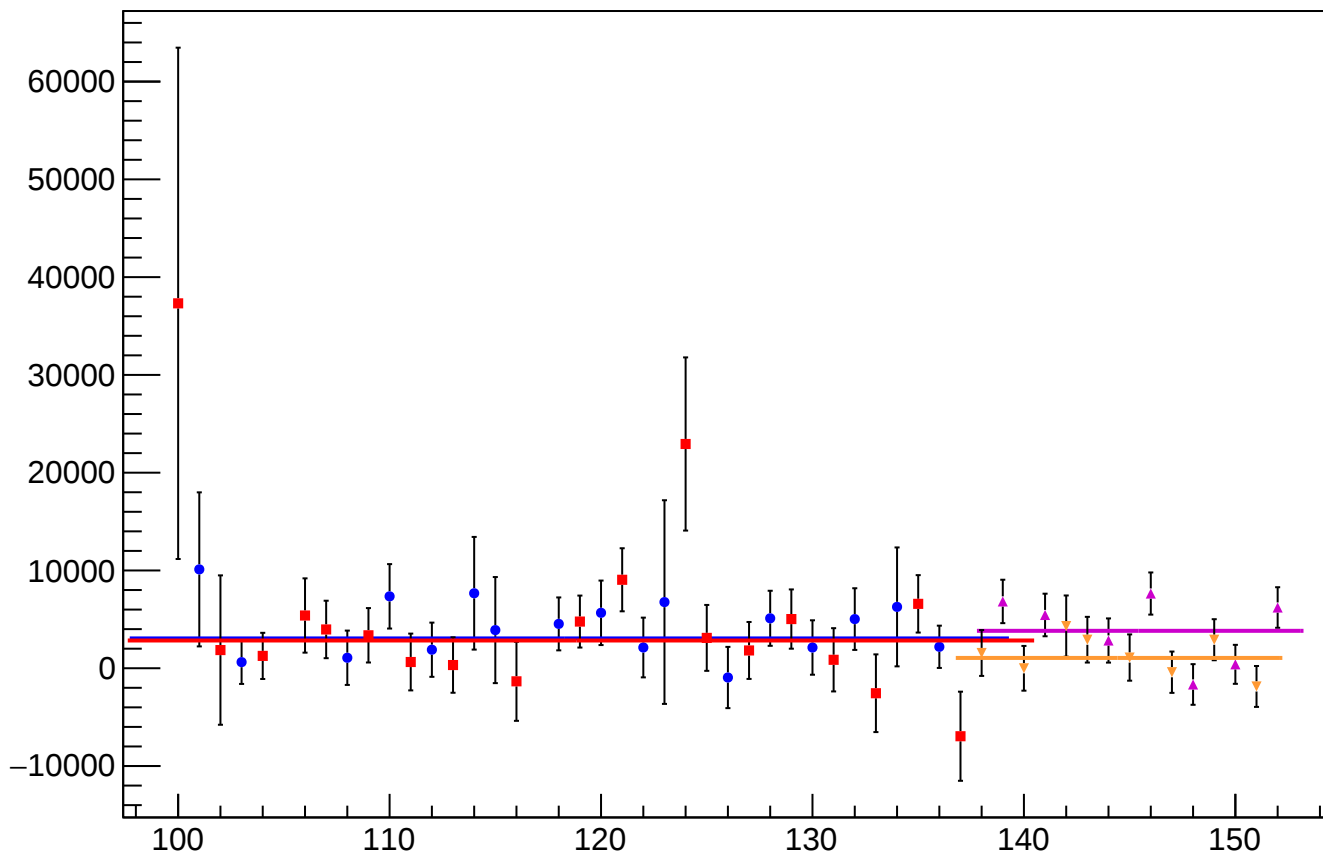
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3556.524 $\pm$ 0.743 χ^2/NDF : 1962693.8/23

Out: 3425.842 $\pm$ 0.700 χ^2/NDF : 1695133.7/26

All: 3487.310 $\pm$ 0.509 χ^2/NDF : 3674224.1/50

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1054.481+/-812.161 χ^2/NDF :5.2/7

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

Left In: 3826.903+/-805.728 χ^2/NDF :17.0/6

Left: 2451.715+/-571.997 χ^2/NDF : 28.0/14

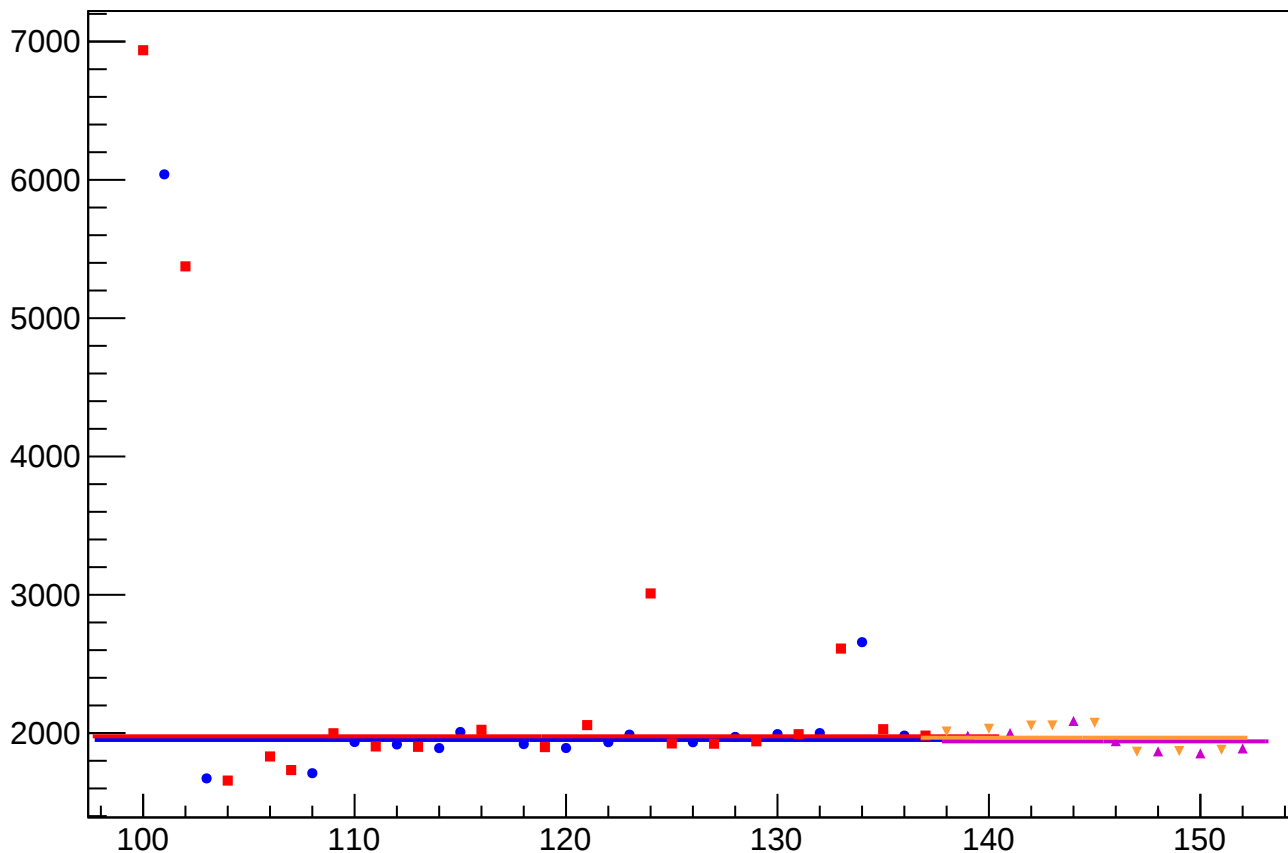
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3421.534+/-557.549 χ^2/NDF :26.7/23

Out: 1998.882+/-557.204 χ^2/NDF :31.5/26

All: 2709.767+/-394.125 χ^2/NDF : 61.5/50

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1967.032+/-0.574 χ^2/NDF : 23193.8/7

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

Left In: 1940.400+/-0.570 χ^2/NDF : 18168.8/6

Left: 1953.610+/-0.404 χ^2/NDF : 42446.5/14

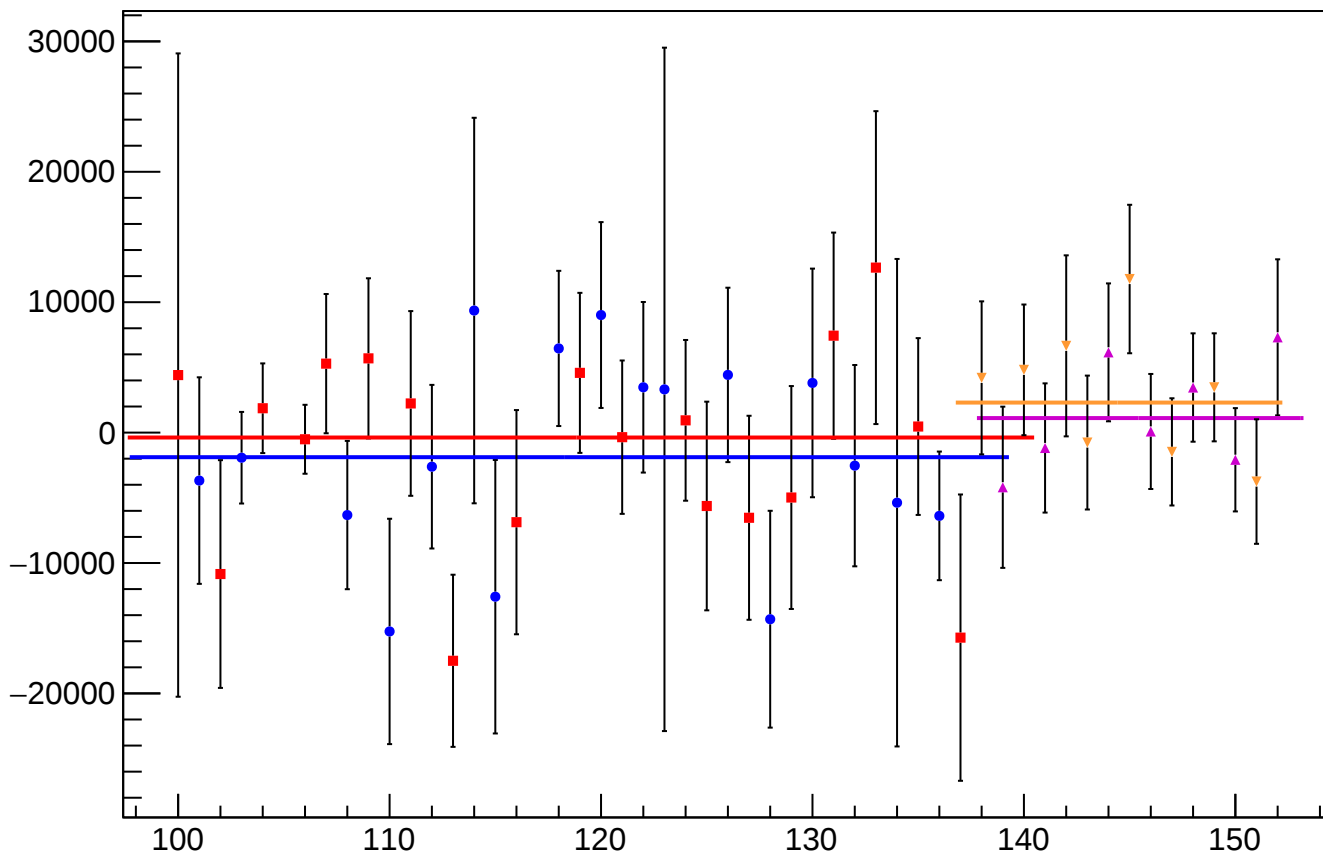
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1945.763+/-0.394 χ^2/NDF : 633504.2/23

Out: 1972.300+/-0.394 χ^2/NDF : 631059.1/26

All: 1959.044+/-0.279 χ^2/NDF : 1266830.8/50

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2302.892+/-1768.401 χ^2/NDF : 6.4/7

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

Left In: 1113.705+/-1814.693 χ^2/NDF : 4.0/6

Left: 1723.659+/-1266.498 χ^2/NDF : 10.6/14

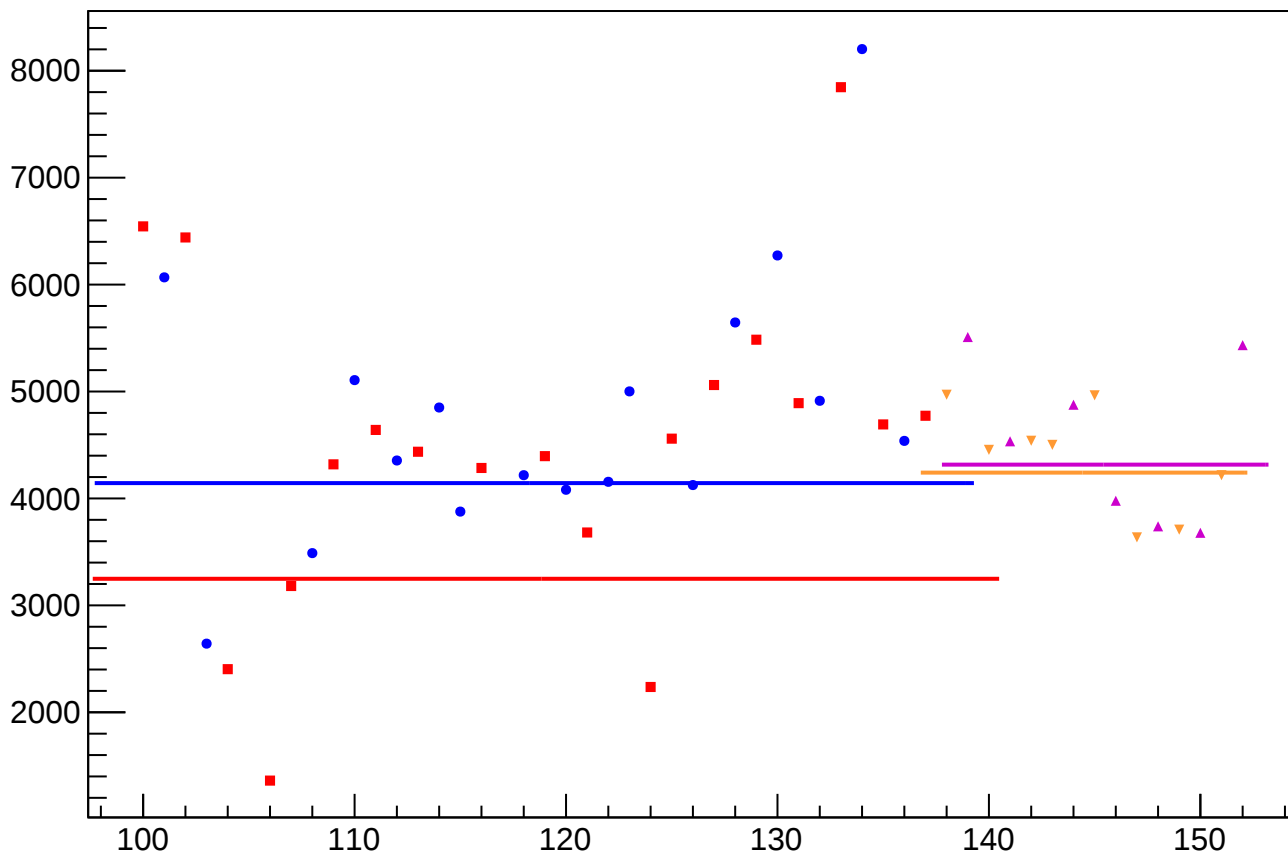
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -520.852+/-1224.029 χ^2/NDF : 19.6/23

Out: 618.692+/-1077.868 χ^2/NDF : 25.5/26

All: 120.985+/-808.933 χ^2/NDF : 45.5/50

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4241.518+/-1.250 χ^2/NDF : 152142.7/7

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

Left In: 4316.174+/-1.283 χ^2/NDF : 272747.2/6

Left: 4277.882+/-0.896 χ^2/NDF : 426626.1/14

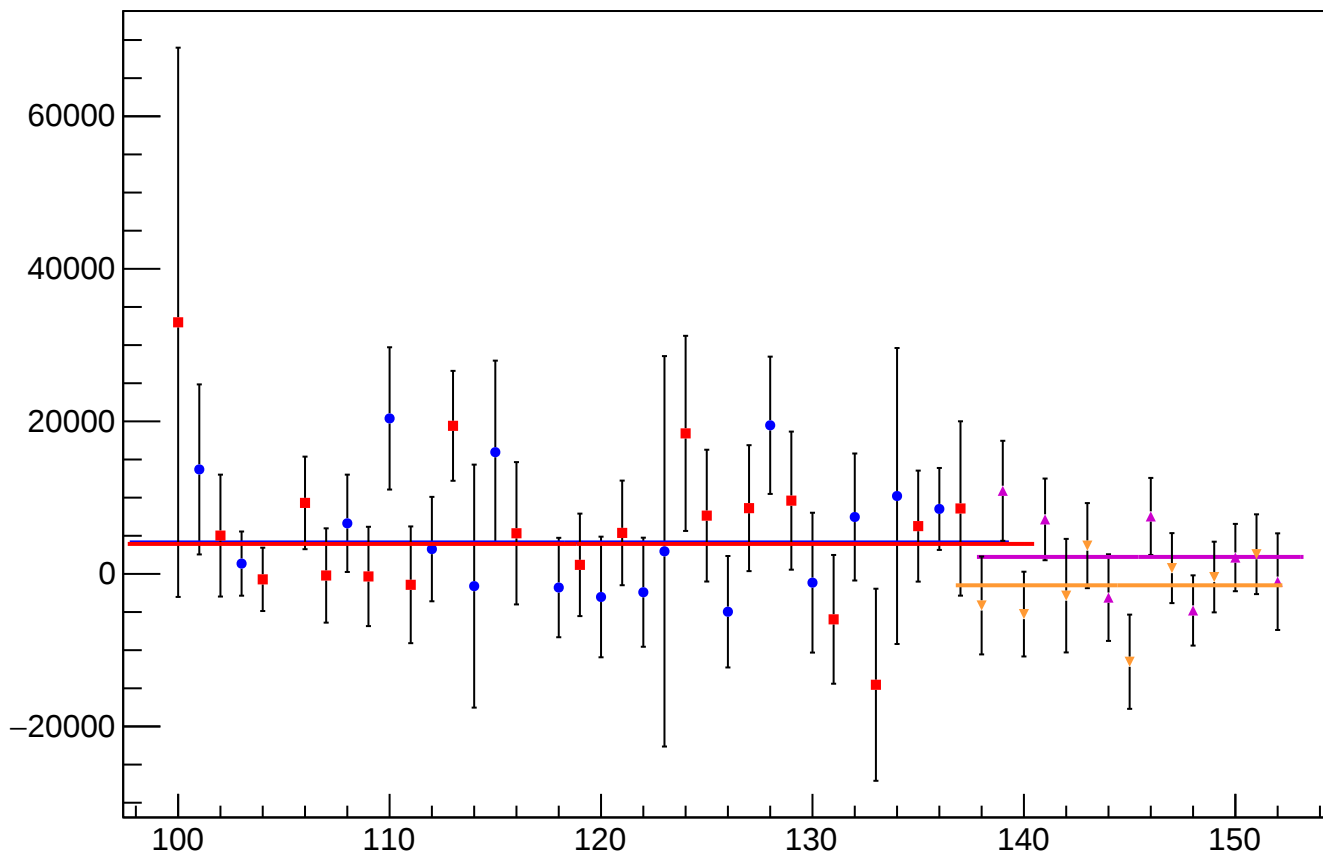
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4222.049+/-0.866 χ^2/NDF : 1138591.9/23

Out: 3617.499+/-0.762 χ^2/NDF : 3166162.8/26

All: 3881.542+/-0.572 χ^2/NDF : 4579546.9/50

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -1492.676 $\pm$ 1947.327 χ^2 /NDF: 5.1/7

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

Left In: 2227.293 $\pm$ 1992.962 χ^2 /NDF: 7.2/6

Left: 324.232 $\pm$ 1392.822 χ^2 /NDF: 14.0/14

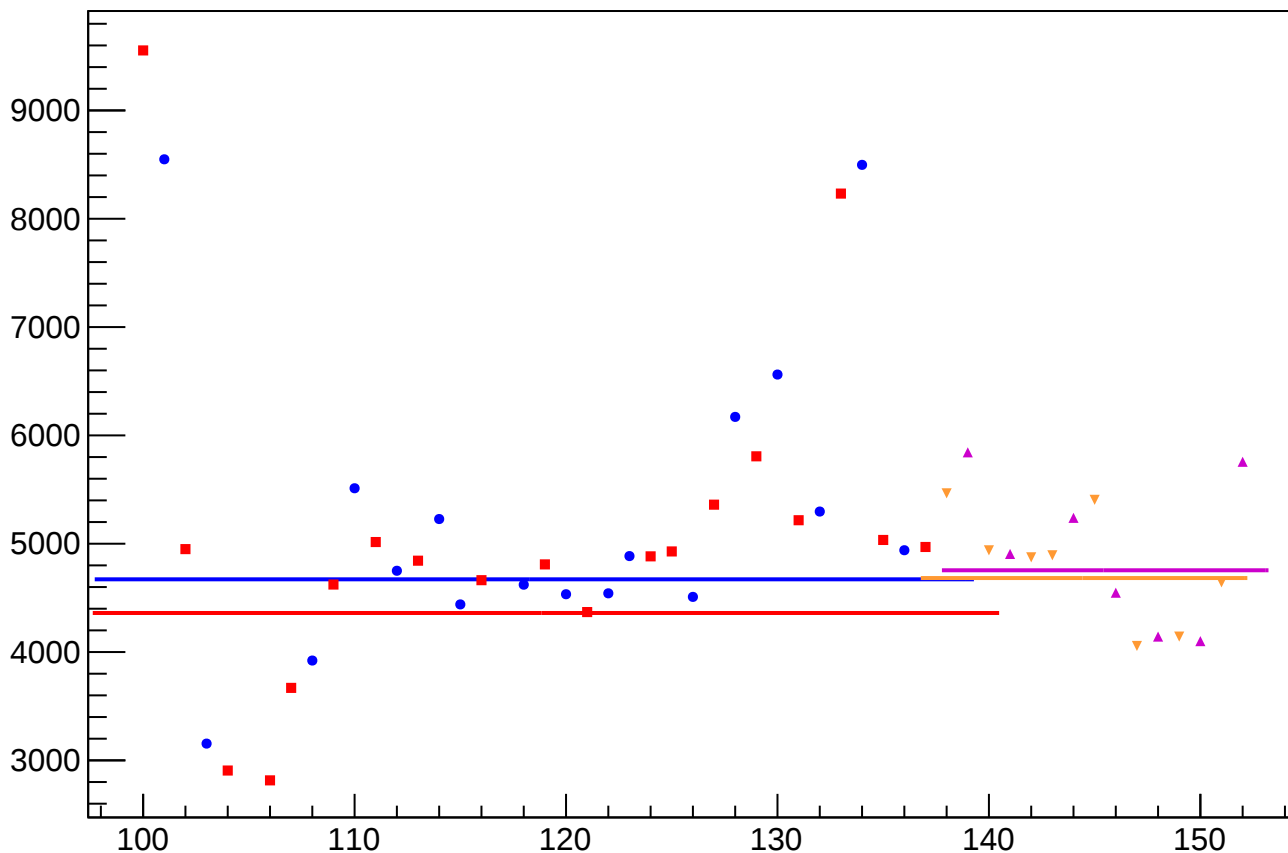
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3240.874 $\pm$ 1360.991 χ^2 /NDF: 21.3/23

Out: 1546.862 $\pm$ 1291.450 χ^2 /NDF: 24.3/26

All: 2349.485 $\pm$ 936.813 χ^2 /NDF: 46.5/50

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4683.122+/-1.377 χ^2/NDF :130084.6/7

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

Left In: 4754.836+/-1.409 χ^2/NDF :203921.8/6

Left: 4718.149+/-0.985 χ^2/NDF : 335331.2/14

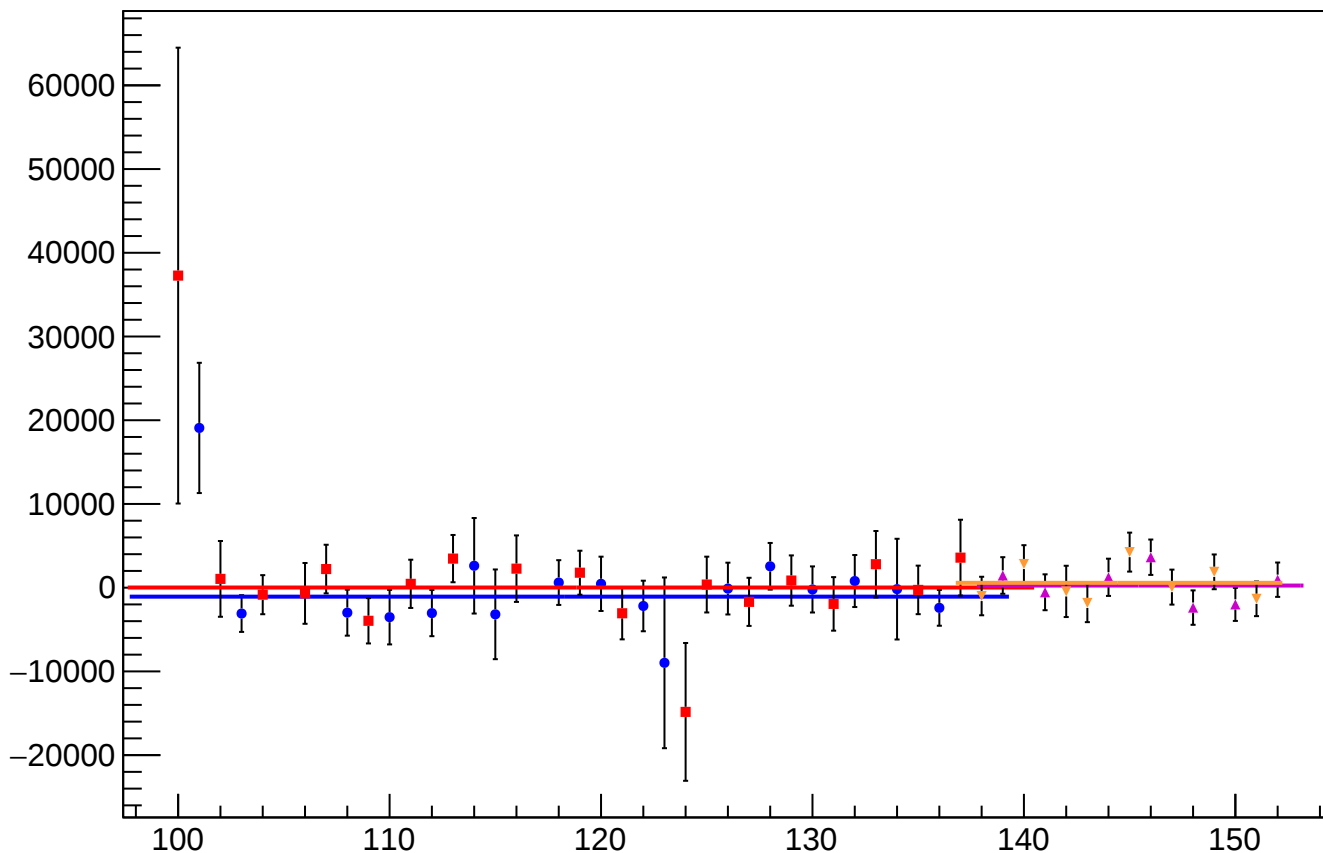
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4710.267+/-0.962 χ^2/NDF :991908.0/23

Out: 4501.494+/-0.910 χ^2/NDF :995110.0/26

All: 4600.072+/-0.661 χ^2/NDF : 2011858.4/50

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 579.522 $\pm$ 799.979 χ^2 /NDF: 6.5/7

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

Left In: 252.884 $\pm$ 794.490 χ^2 /NDF: 6.3/6

Left: 415.079 $\pm$ 563.720 χ^2 /NDF: 12.8/14

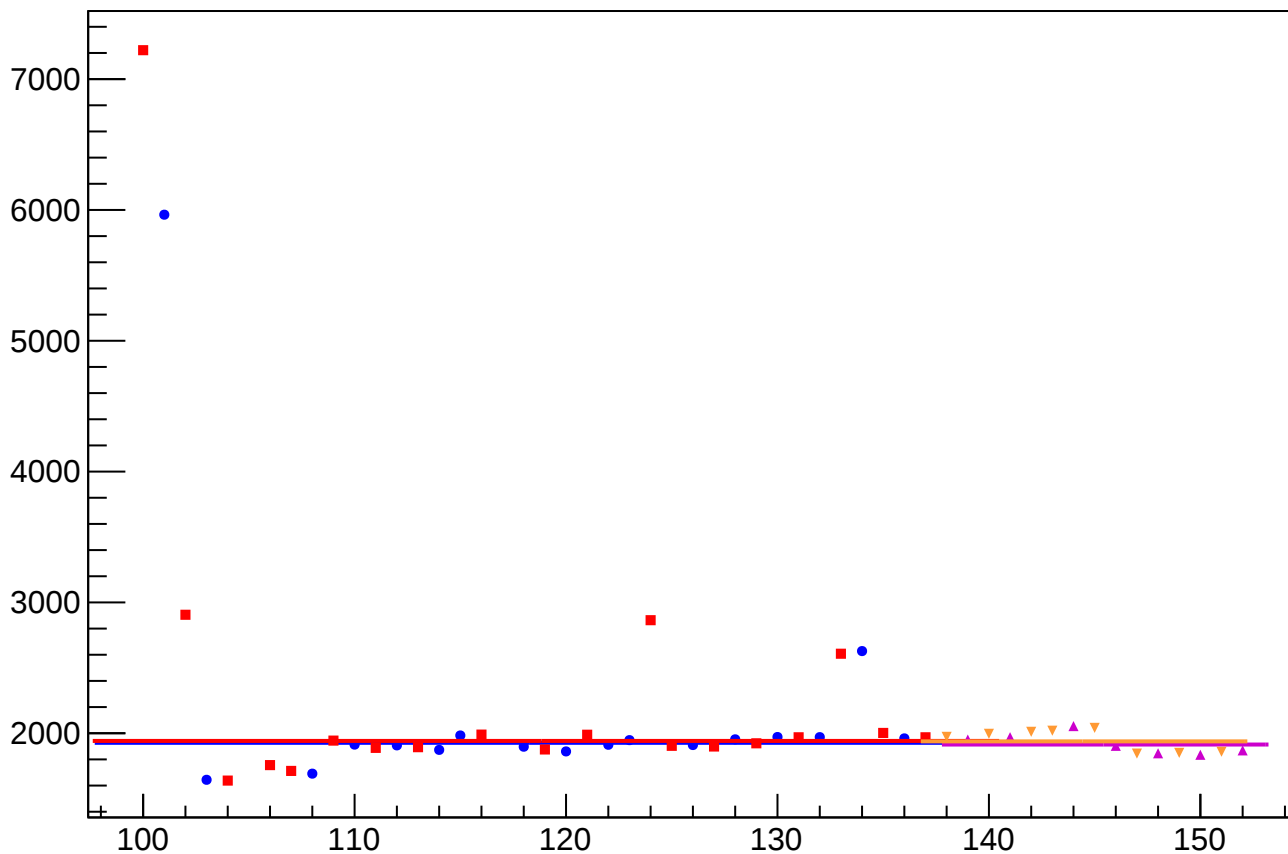
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -435.971 $\pm$ 550.307 χ^2 /NDF: 21.4/23

Out: 280.508 $\pm$ 546.294 χ^2 /NDF: 20.0/26

All: -75.110 $\pm$ 387.699 χ^2 /NDF: 42.3/50

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1937.844+/-0.566 χ^2/NDF :19875.6/7

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

Left In: 1913.642+/-0.562 χ^2/NDF :16296.5/6

Left: 1925.660+/-0.399 χ^2/NDF : 37093.6/14

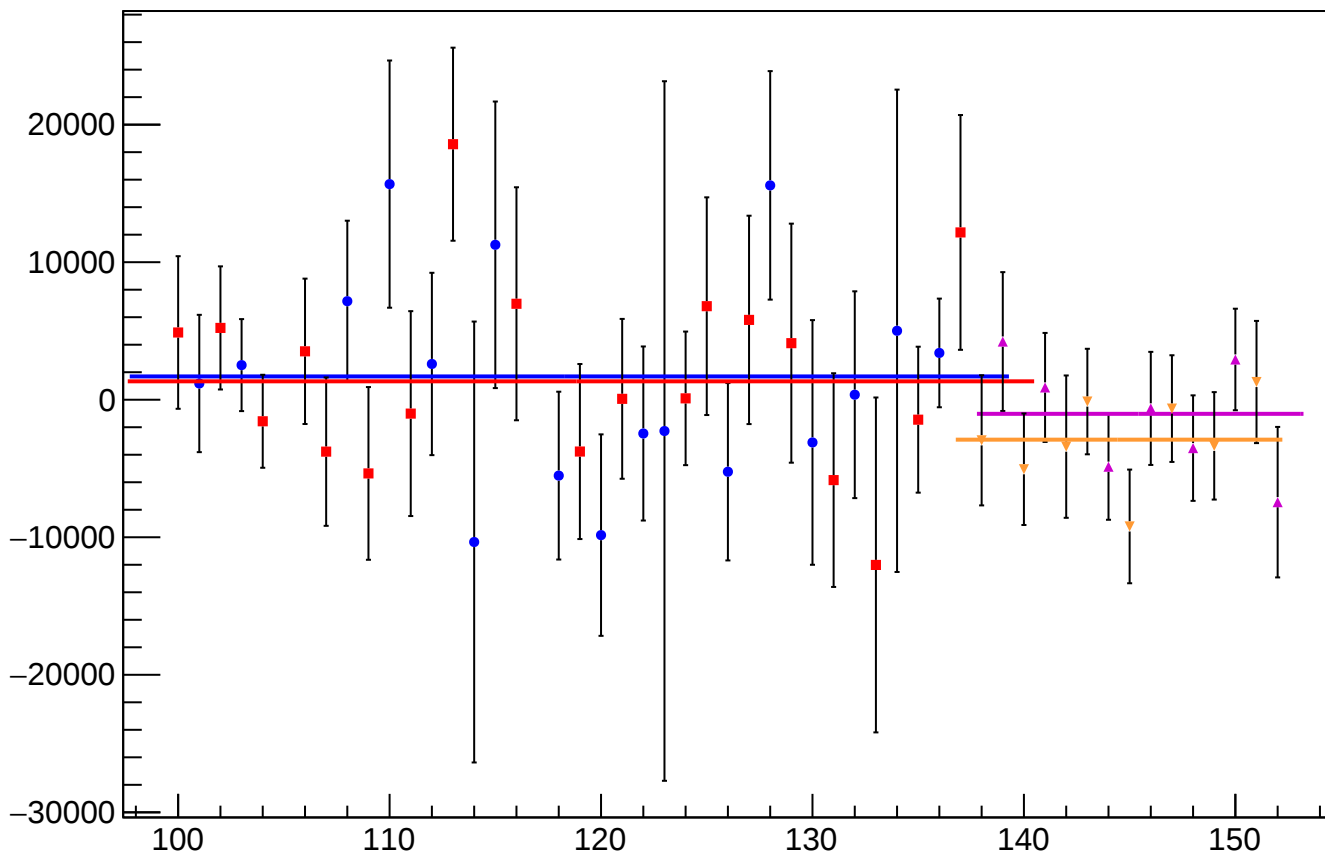
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1920.534+/-0.389 χ^2/NDF :633702.1/23

Out: 1939.669+/-0.386 χ^2/NDF :324262.4/26

All: 1930.175+/-0.274 χ^2/NDF : 959182.8/50

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2903.365 $\pm$ 1487.317 χ^2 /NDF: 4.4/7

Right Out: 1338.172 $\pm$ 1369.005 χ^2 /NDF: 16.3/18

Left In: -1025.685 $\pm$ 1573.301 χ^2 /NDF: 5.3/6

Left: -2017.234 $\pm$ 1080.812 χ^2 /NDF: 10.4/14

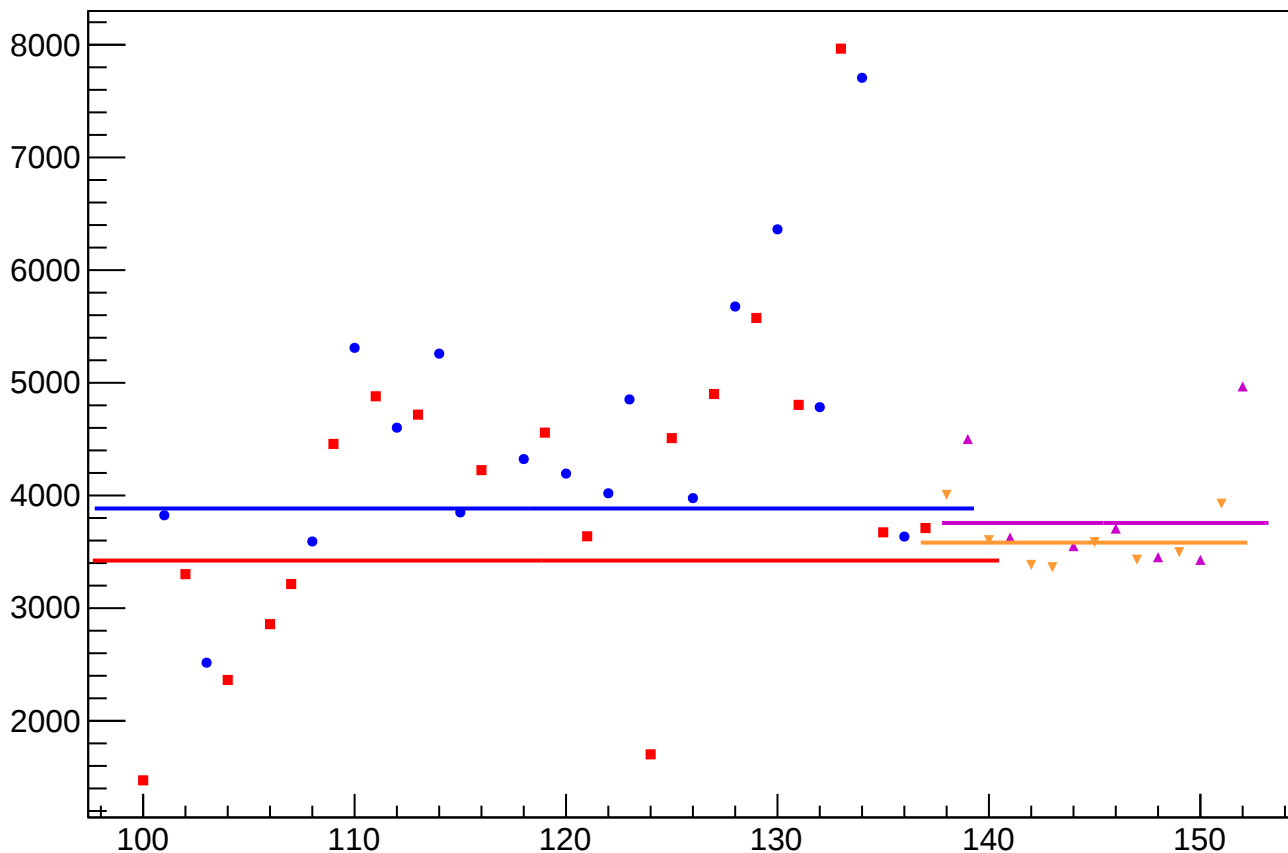
Right: 1493.873 $\pm$ 1026.648 χ^2 /NDF: 30.0/35

In: 352.728 $\pm$ 1104.863 χ^2 /NDF: 20.4/23

Out: -607.208 $\pm$ 1007.266 χ^2 /NDF: 25.1/26

All: -171.502 $\pm$ 744.362 χ^2 /NDF: 45.9/50

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3581.866+/-1.052 χ^2/NDF : 41617.1/7

Right Out: 3422.628+/-0.968 χ^2/NDF : 1590296.5/18

Left In: 3756.339+/-1.112 χ^2/NDF : 178091.7/6

Left: 3664.205+/-0.764 χ^2/NDF : 232697.1/14

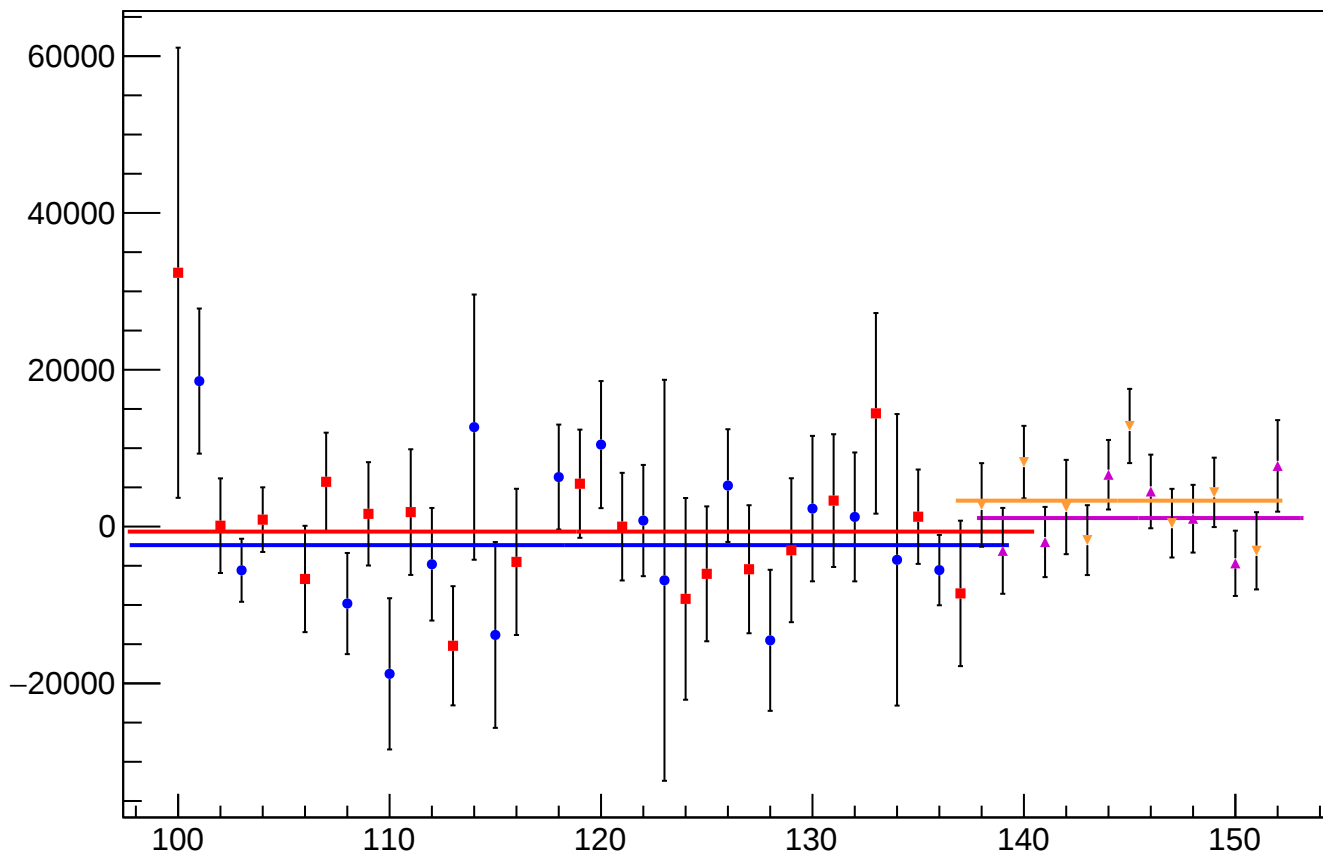
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 3821.347+/-0.781 χ^2/NDF : 1011392.7/23

Out: 3495.663+/-0.712 χ^2/NDF : 1644324.3/26

All: 3643.488+/-0.526 χ^2/NDF : 2750621.6/50

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 3305.956 $\pm$ 1692.597 χ^2 /NDF: 8.7/7

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

Left In: 1087.962 $\pm$ 1767.587 χ^2 /NDF: 6.3/6

Left: 2245.006 $\pm$ 1222.498 χ^2 /NDF: 15.8/14

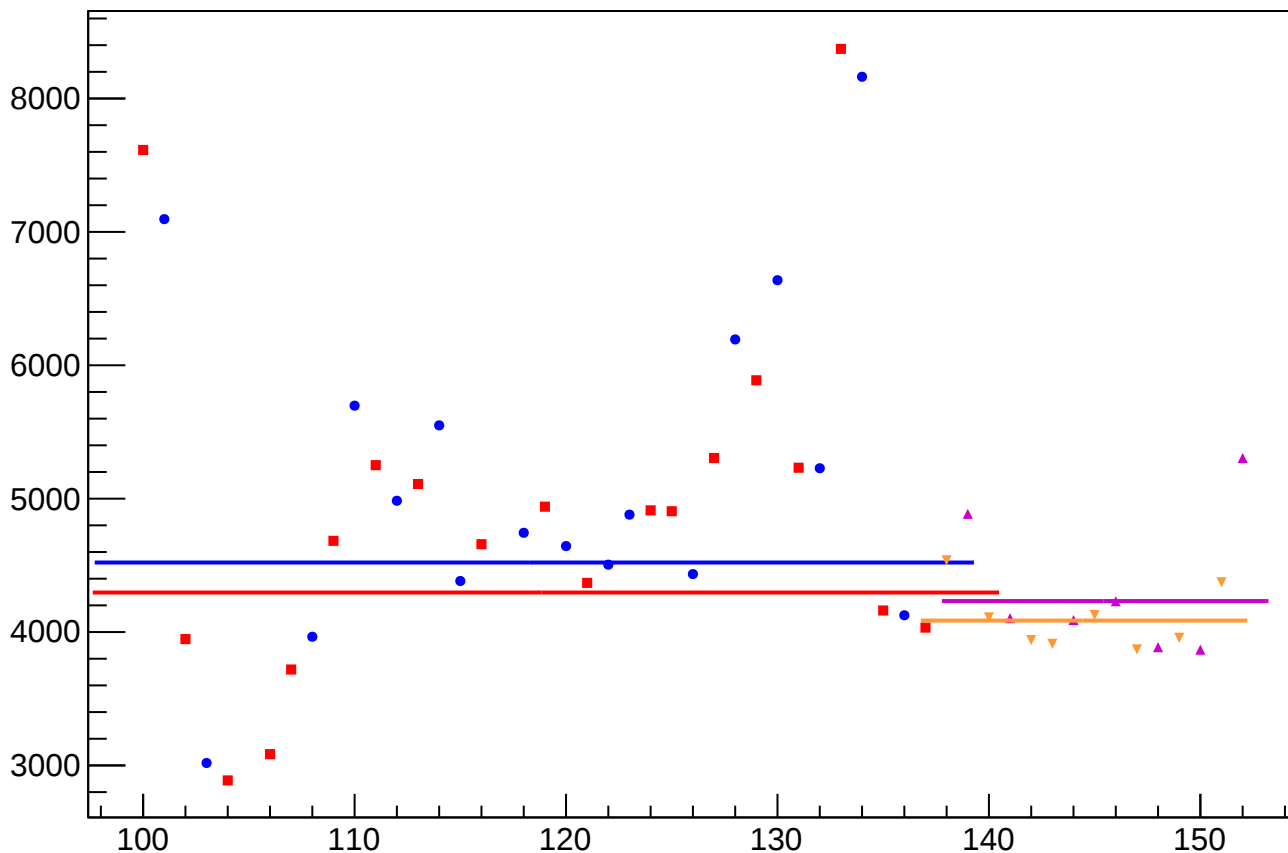
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -606.527 $\pm$ 1261.844 χ^2 /NDF: 28.4/23

Out: 1329.684 $\pm$ 1195.986 χ^2 /NDF: 23.2/26

All: 413.422 $\pm$ 868.039 χ^2 /NDF: 52.8/50

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4086.163 $\pm$ 1.197 χ^2/NDF : 32211.5/7

Right Out: 4296.482 $\pm$ 1.189 χ^2/NDF : 773210.4/18

Left In: 4232.432 $\pm$ 1.250 χ^2/NDF : 127894.5/6

Left: 4156.129 $\pm$ 0.864 χ^2/NDF : 167250.4/14

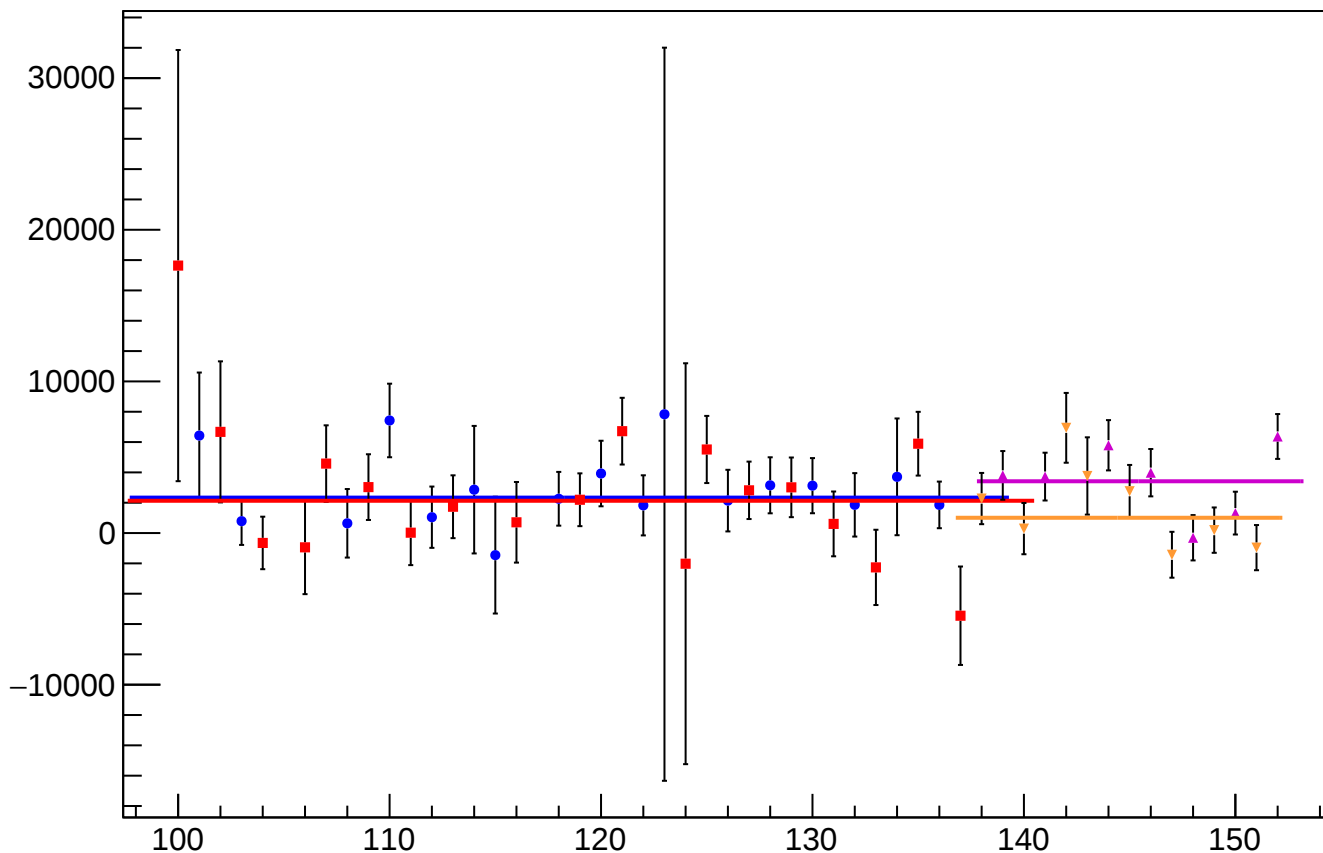
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

In: 4374.052 $\pm$ 0.892 χ^2/NDF : 932750.5/23

Out: 4192.058 $\pm$ 0.843 χ^2/NDF : 820970.0/26

All: 4277.929 $\pm$ 0.613 χ^2/NDF : 1775694.2/50

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: 1008.083+/-607.326 χ^2 /NDF:14.2/7

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

Left In: 3414.736+/-580.112 χ^2 /NDF:14.7/6

Left: 2266.536+/-419.492 χ^2 /NDF: 37.1/14

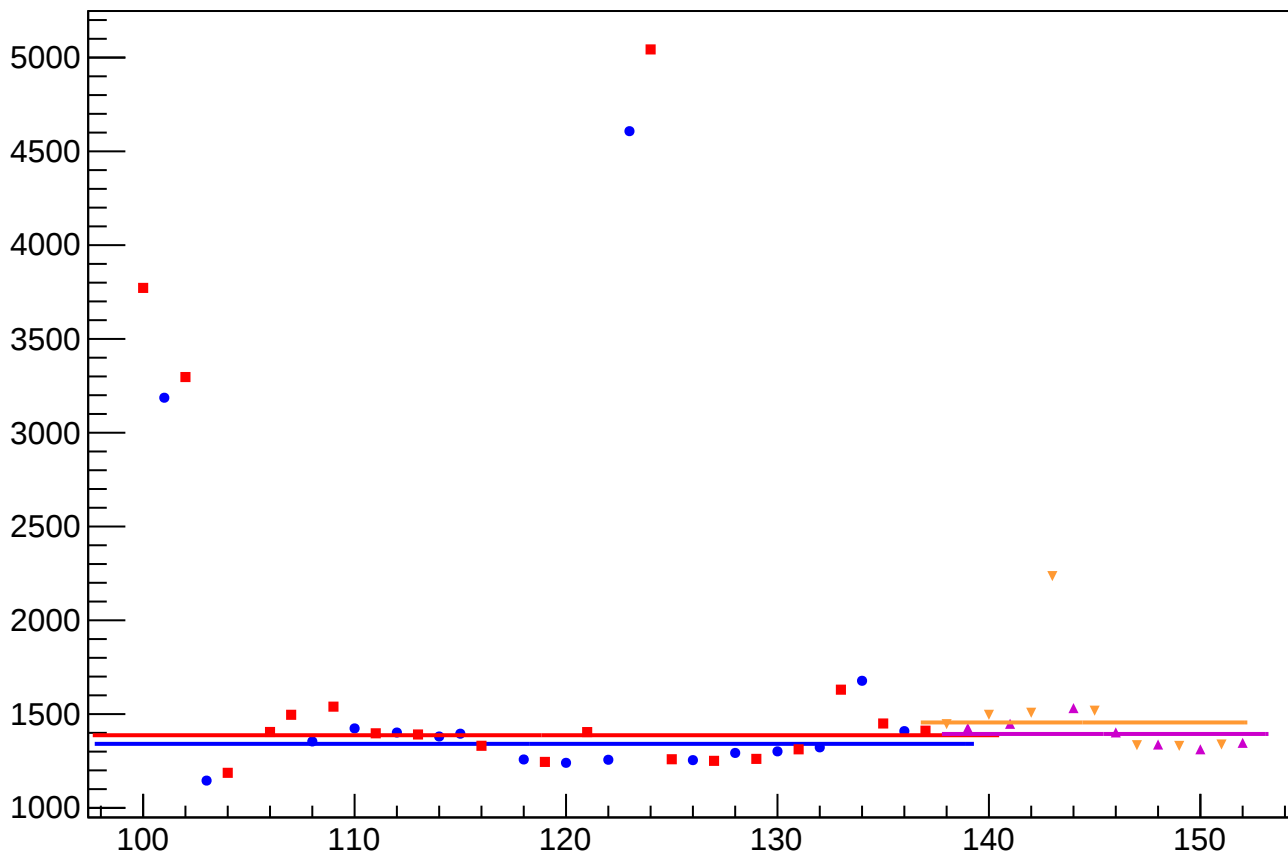
Right: 2234.784+/-378.395 χ^2 /NDF: 37.3/35

In: 2828.443+/-391.741 χ^2 /NDF:26.2/23

Out: 1635.143+/-403.225 χ^2 /NDF:43.7/26

All: 2249.029+/-280.975 χ^2 /NDF: 74.4/50

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: 1455.413+/-0.429 χ^2/NDF : 231517.0/7

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

Left In: 1394.116+/-0.410 χ^2/NDF : 28623.2/6

Left: 1423.361+/-0.297 χ^2/NDF : 270793.6/14

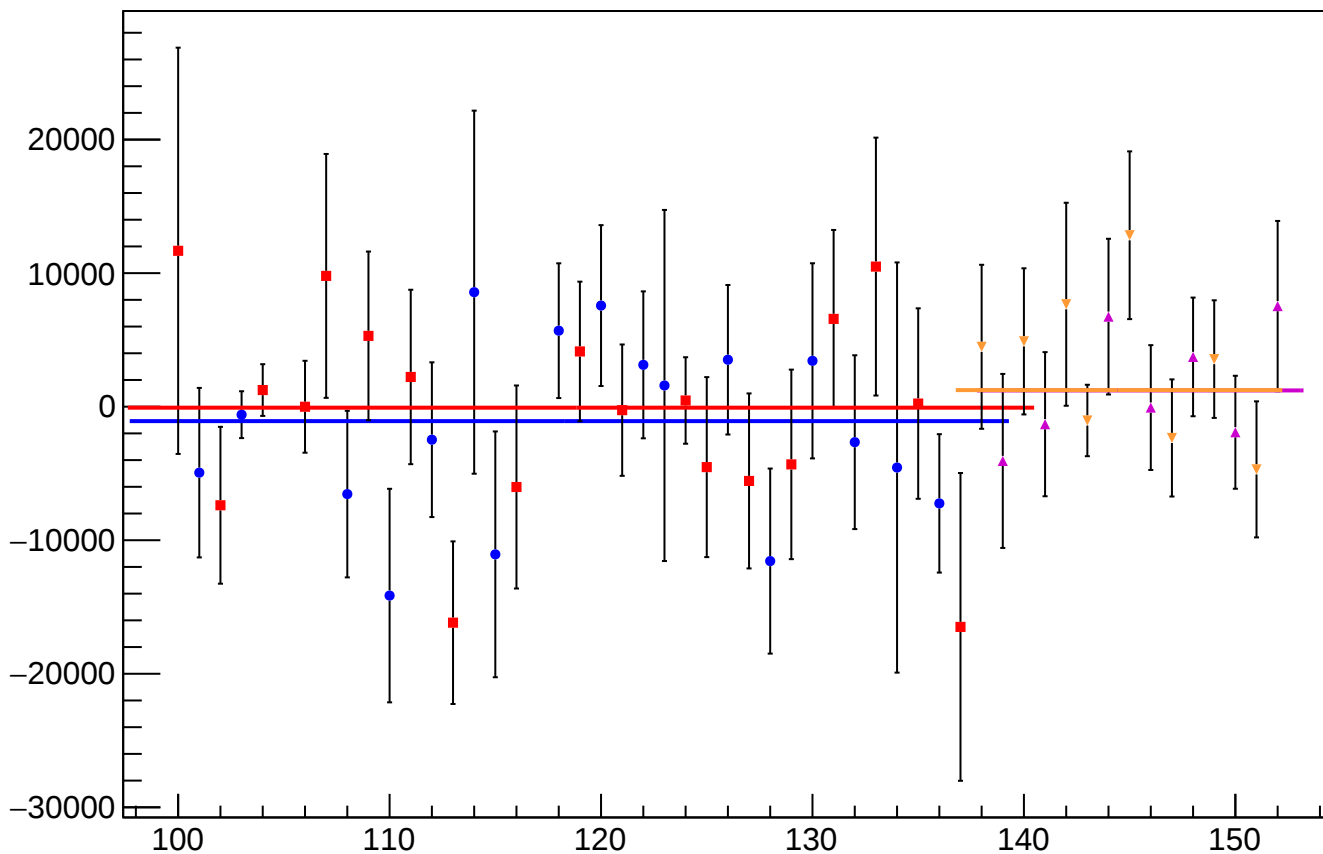
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1365.425+/-0.277 χ^2/NDF : 541888.4/23

Out: 1417.337+/-0.285 χ^2/NDF : 895763.3/26

All: 1390.638+/-0.199 χ^2/NDF : 1454709.6/50

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: 1240.775+/-1612.767 χ^2/NDF : 7.9/7

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

Left In: 1216.867+/-1945.304 χ^2/NDF : 3.7/6

Left: 1231.036+/-1241.569 χ^2/NDF : 11.6/14

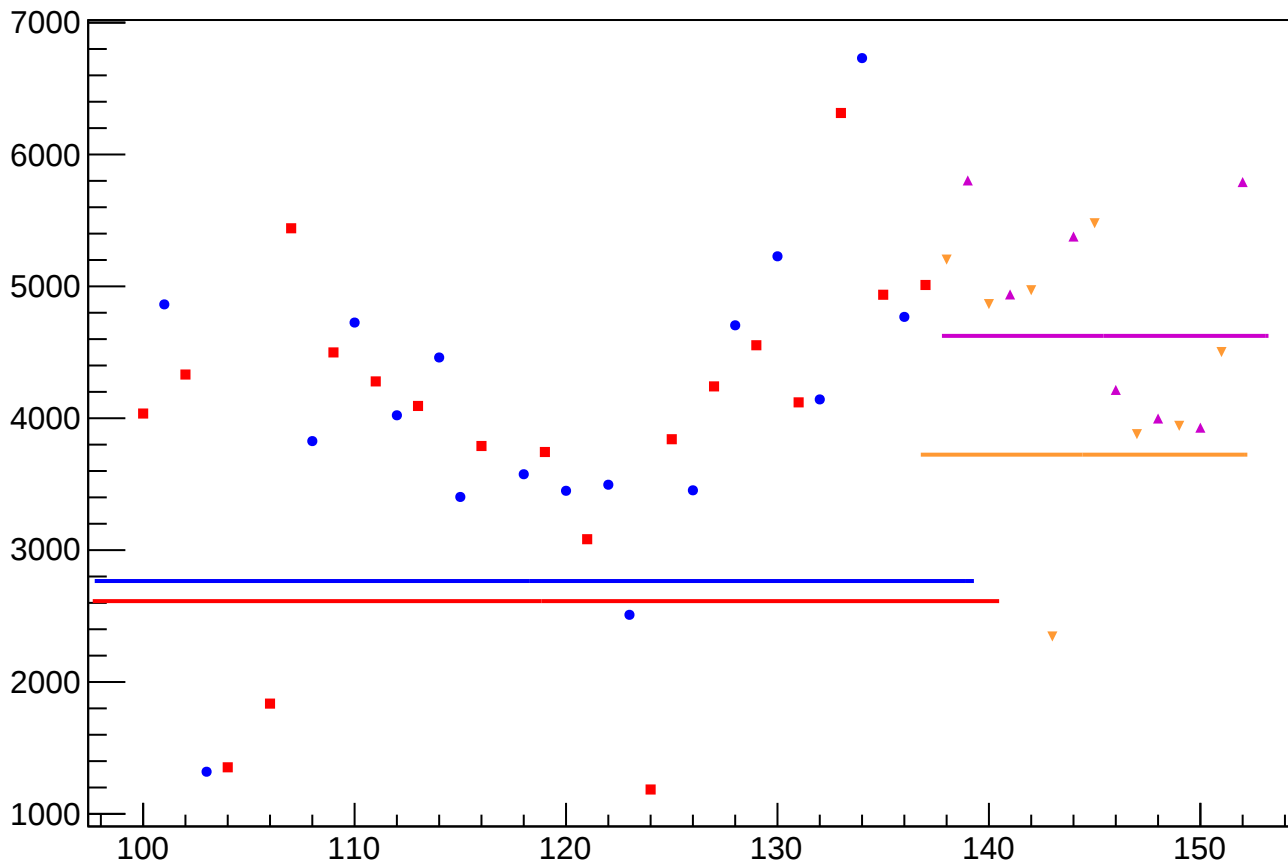
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -438.182+/-1028.913 χ^2/NDF : 19.7/23

Out: 356.918+/-923.365 χ^2/NDF : 26.9/26

All: 2.229+/-687.213 χ^2/NDF : 47.0/50

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: 3723.881+/-1.140 χ^2/NDF : 998575.5/7

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

Left In: 4624.625+/-1.376 χ^2/NDF : 281817.4/6

Left: 4090.798+/-0.878 χ^2/NDF : 1534523.6/14

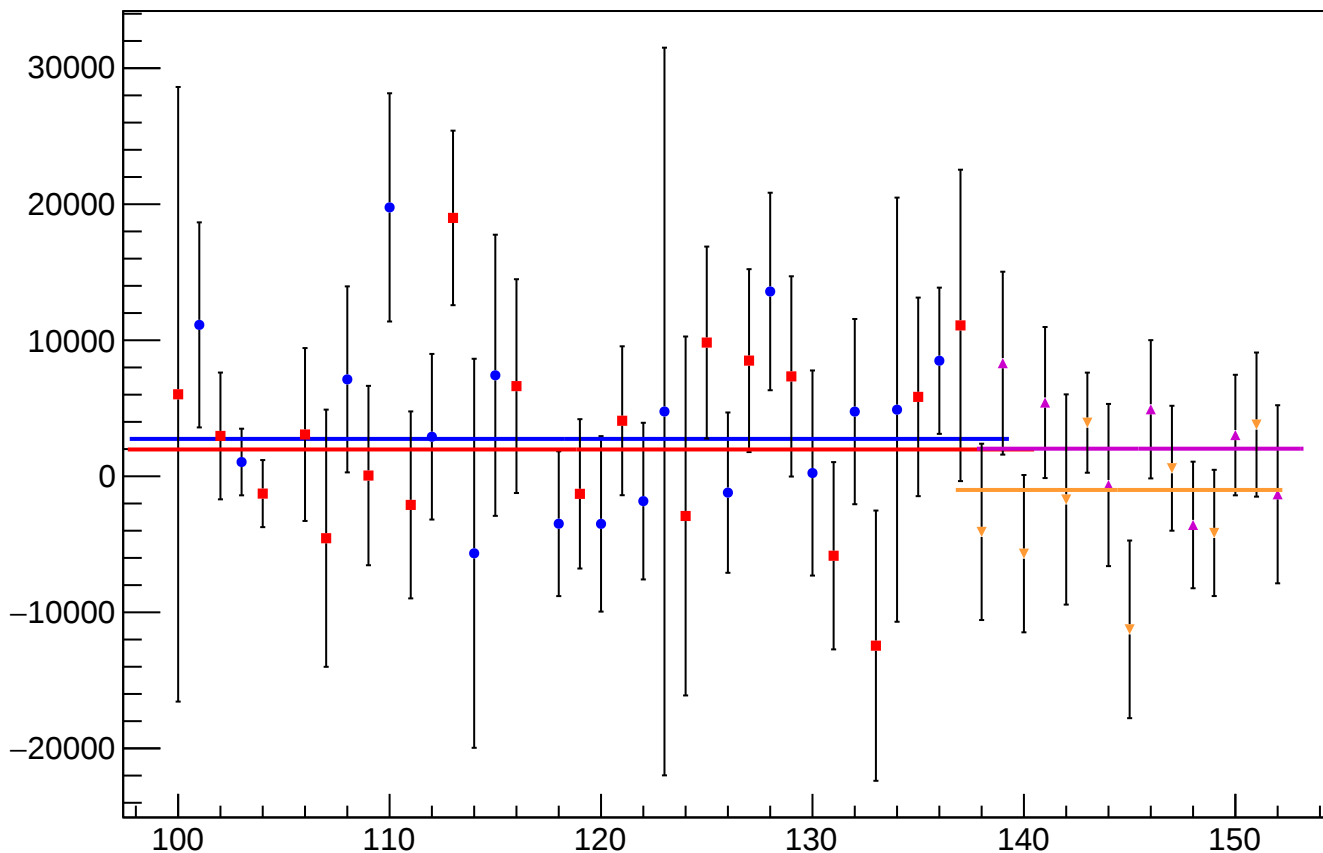
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3285.776+/-0.728 χ^2/NDF : 4536247.7/23

Out: 2977.389+/-0.653 χ^2/NDF : 4975927.9/26

All: 3114.958+/-0.486 χ^2/NDF : 9611693.1/50

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: -1004.308+/-1833.897 χ^2/NDF : 6.6/7

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

Left In: 2028.928+/-2033.161 χ^2/NDF : 3.5/6

Left: 356.425+/-1361.775 χ^2/NDF : 11.3/14

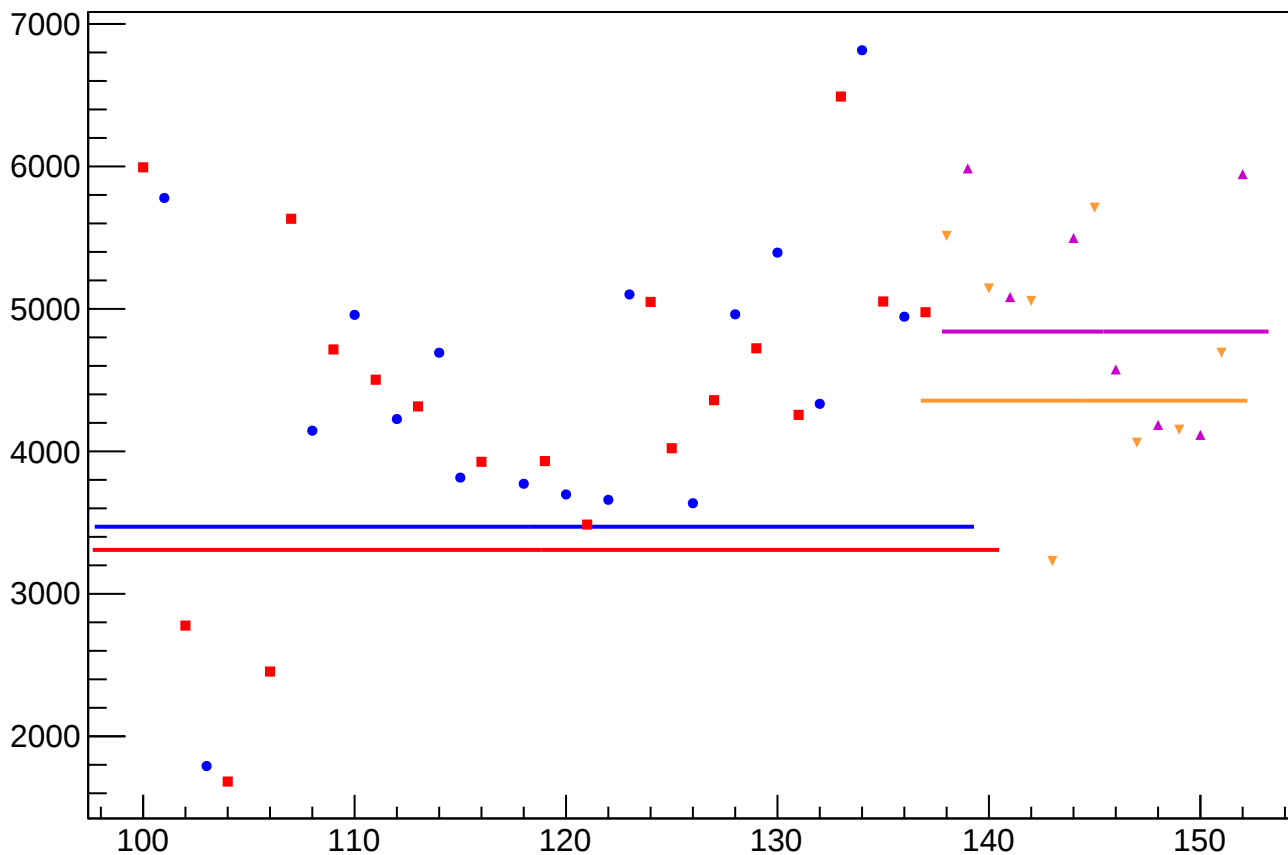
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2506.502+/-1178.717 χ^2/NDF : 17.4/23

Out: 893.728+/-1103.549 χ^2/NDF : 26.1/26

All: 1647.055+/-805.591 χ^2/NDF : 44.5/50

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: 4355.758+/-1.297 χ^2/NDF : 411018.5/7

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

Left In: 4840.928+/-1.438 χ^2/NDF : 241834.6/6

Left: 4573.409+/-0.963 χ^2/NDF : 715649.5/14

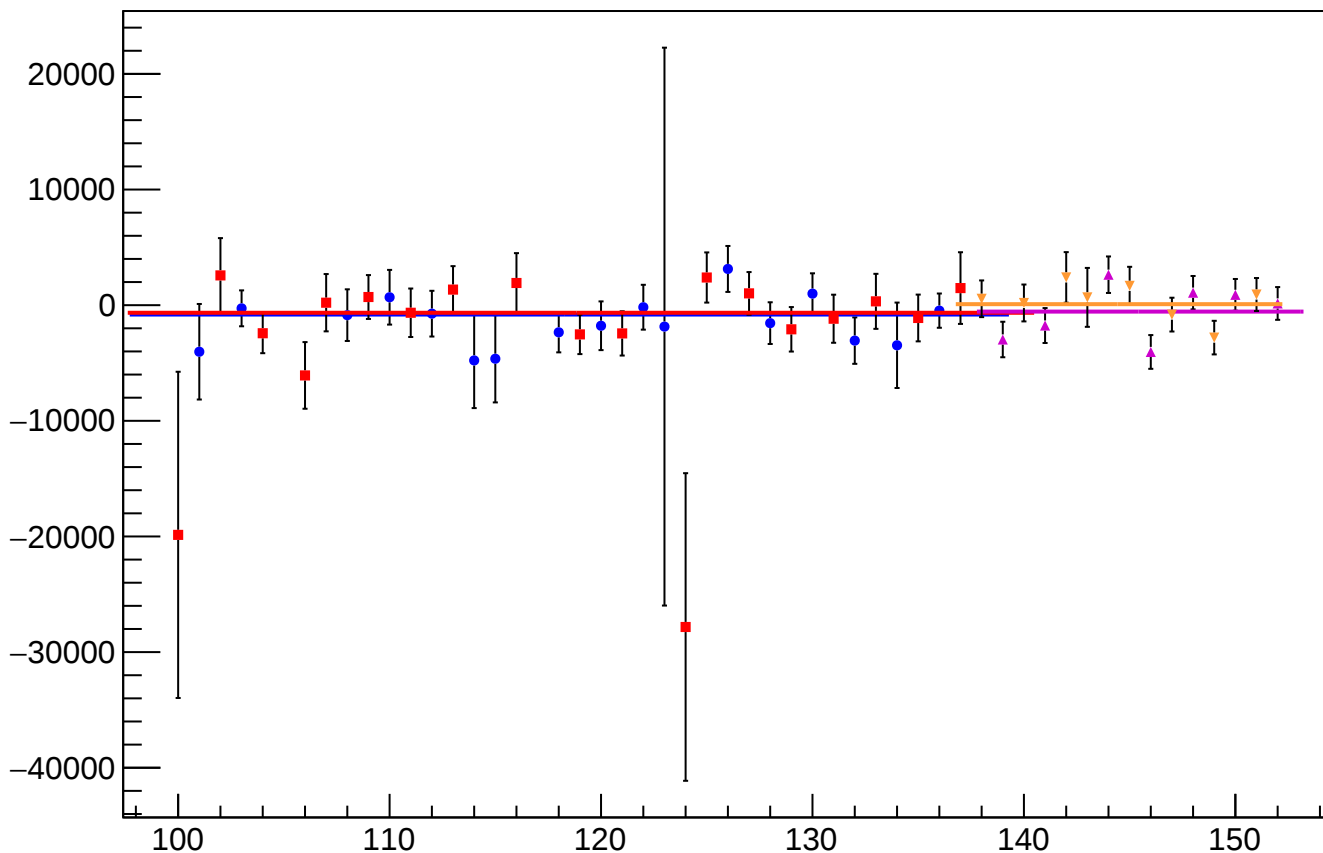
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3931.527+/-0.833 χ^2/NDF : 2612412.8/23

Out: 3683.322+/-0.776 χ^2/NDF : 2744159.0/26

All: 3798.535+/-0.568 χ^2/NDF : 5404090.3/50

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 ± 518.190 $\chi^2/\text{NDF}: 11.2/16$

Left Out: 87.968 ± 581.550 $\chi^2/\text{NDF}: 6.9/7$

Right Out: -656.248 ± 514.588 $\chi^2/\text{NDF}: 20.4/18$

Left In: -554.988 ± 555.076 $\chi^2/\text{NDF}: 15.6/6$

Left: -248.477 ± 401.531 $\chi^2/\text{NDF}: 23.1/14$

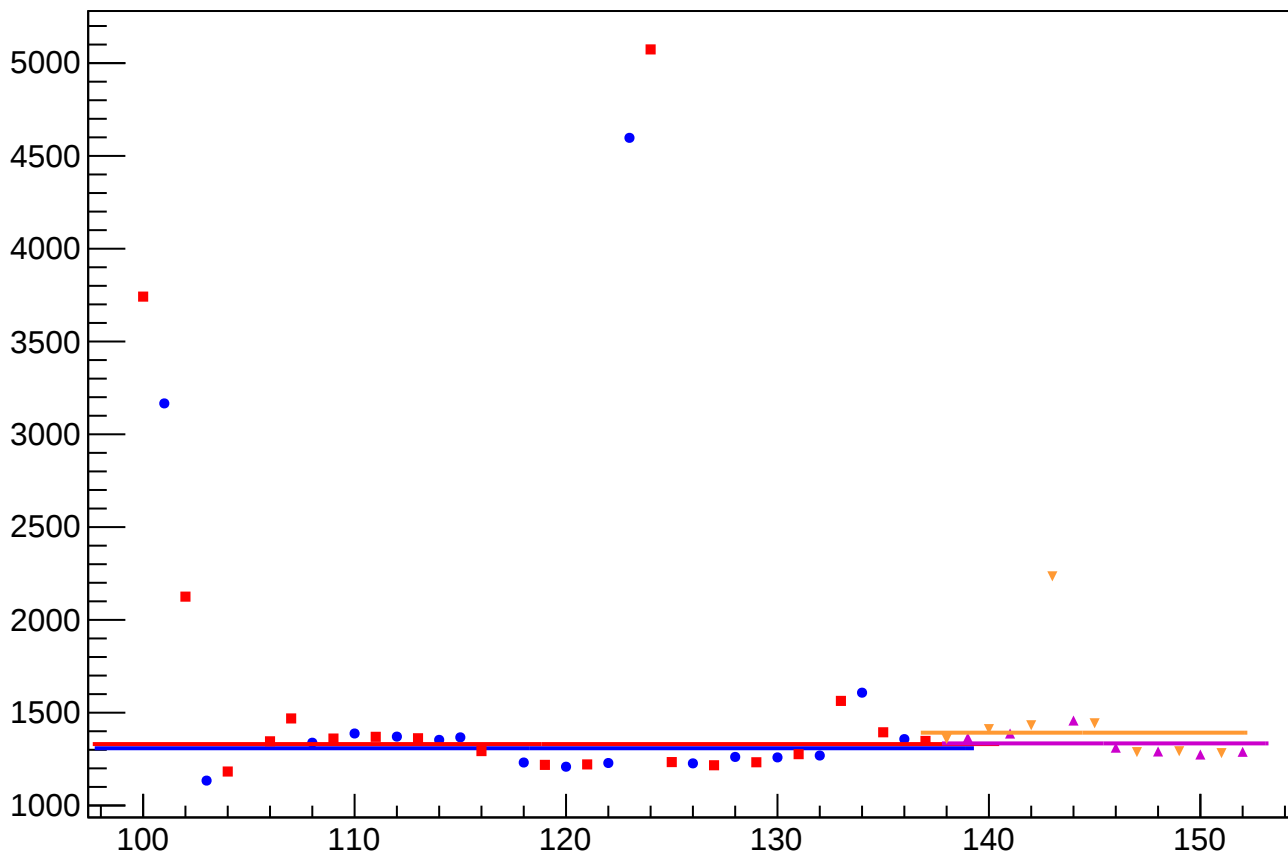
Right: -732.099 ± 365.136 $\chi^2/\text{NDF}: 31.6/35$

In: -690.723 ± 378.785 $\chi^2/\text{NDF}: 26.9/23$

Out: -329.434 ± 385.379 $\chi^2/\text{NDF}: 28.2/26$

All: -513.195 ± 270.142 $\chi^2/\text{NDF}: 55.5/50$

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1392.303 $\pm$ 0.411 χ^2 /NDF:254066.6/7

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

Left In: 1334.519 $\pm$ 0.392 χ^2 /NDF:23671.4/6

Left: 1362.066 $\pm$ 0.284 χ^2 /NDF: 288070.1/14

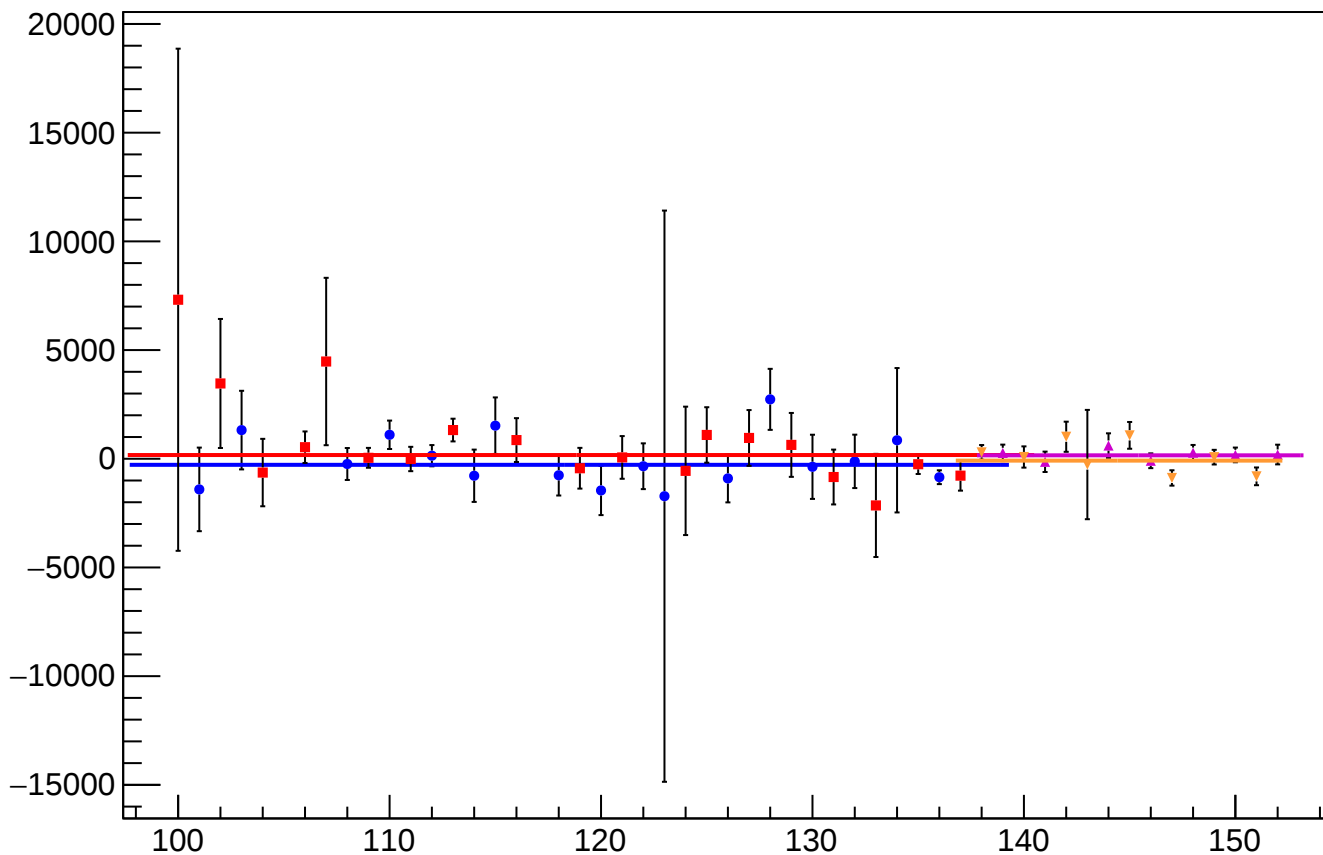
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1320.545 $\pm$ 0.268 χ^2 /NDF:532588.7/23

Out: 1357.842 $\pm$ 0.273 χ^2 /NDF:682433.6/26

All: 1338.872 $\pm$ 0.191 χ^2 /NDF: 1224550.0/50

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 $\chi^2/\text{NDF}: 18.0/16$

Left Out: -85.269 ± 156.887 $\chi^2/\text{NDF}: 15.9/7$

Right Out: 171.593 ± 192.461 $\chi^2/\text{NDF}: 14.7/18$

Left In: 158.447 ± 149.256 $\chi^2/\text{NDF}: 1.8/6$

Left: 42.660 ± 108.137 $\chi^2/\text{NDF}: 19.0/14$

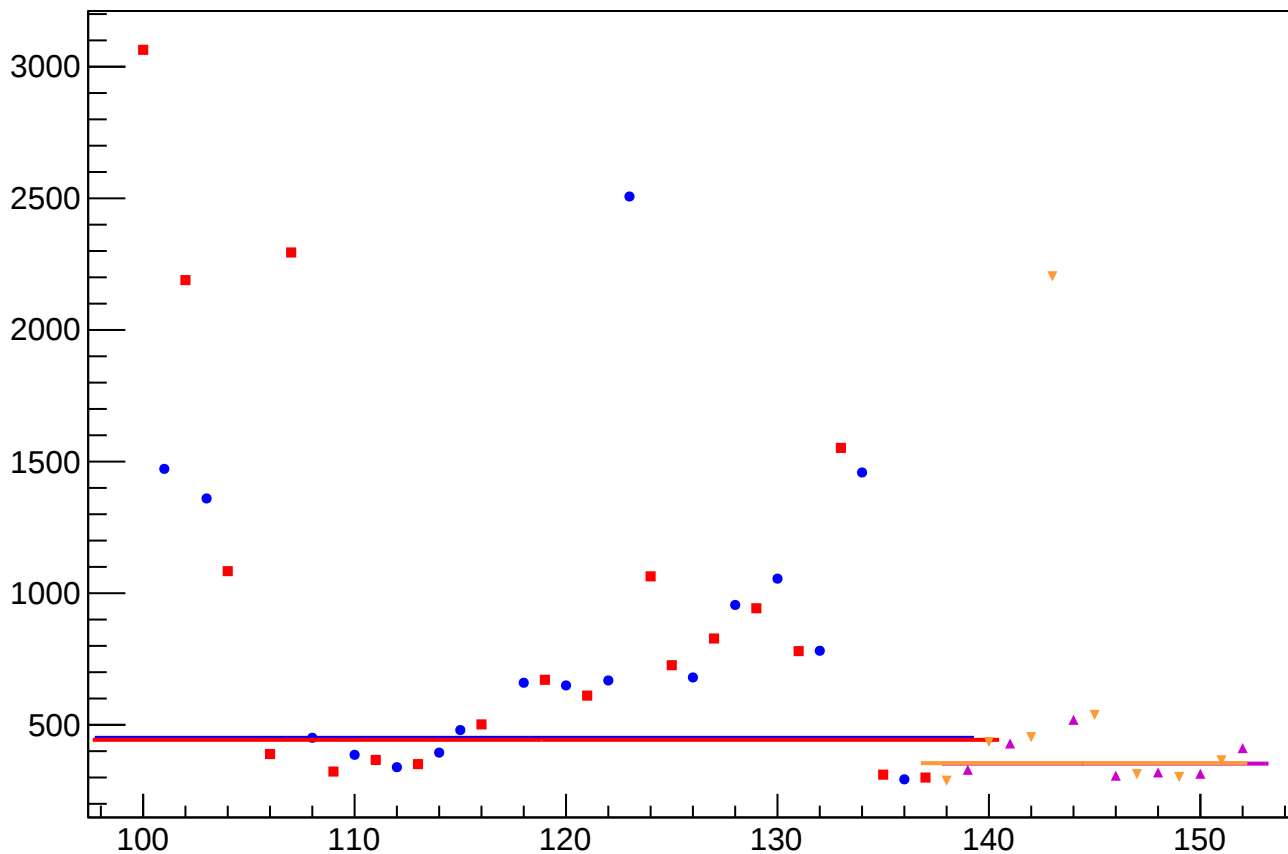
Right: -47.033 ± 138.049 $\chi^2/\text{NDF}: 35.4/35$

In: 0.171 ± 119.213 $\chi^2/\text{NDF}: 23.0/23$

Out: 17.274 ± 121.603 $\chi^2/\text{NDF}: 31.7/26$

All: 8.553 ± 85.129 $\chi^2/\text{NDF}: 54.7/50$

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: 354.503+/-0.111 χ^2/NDF : 1509632.6/7

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

Left In: 352.725+/-0.106 χ^2/NDF : 349795.2/6

Left: 353.569+/-0.076 χ^2/NDF : 1859562.6/14

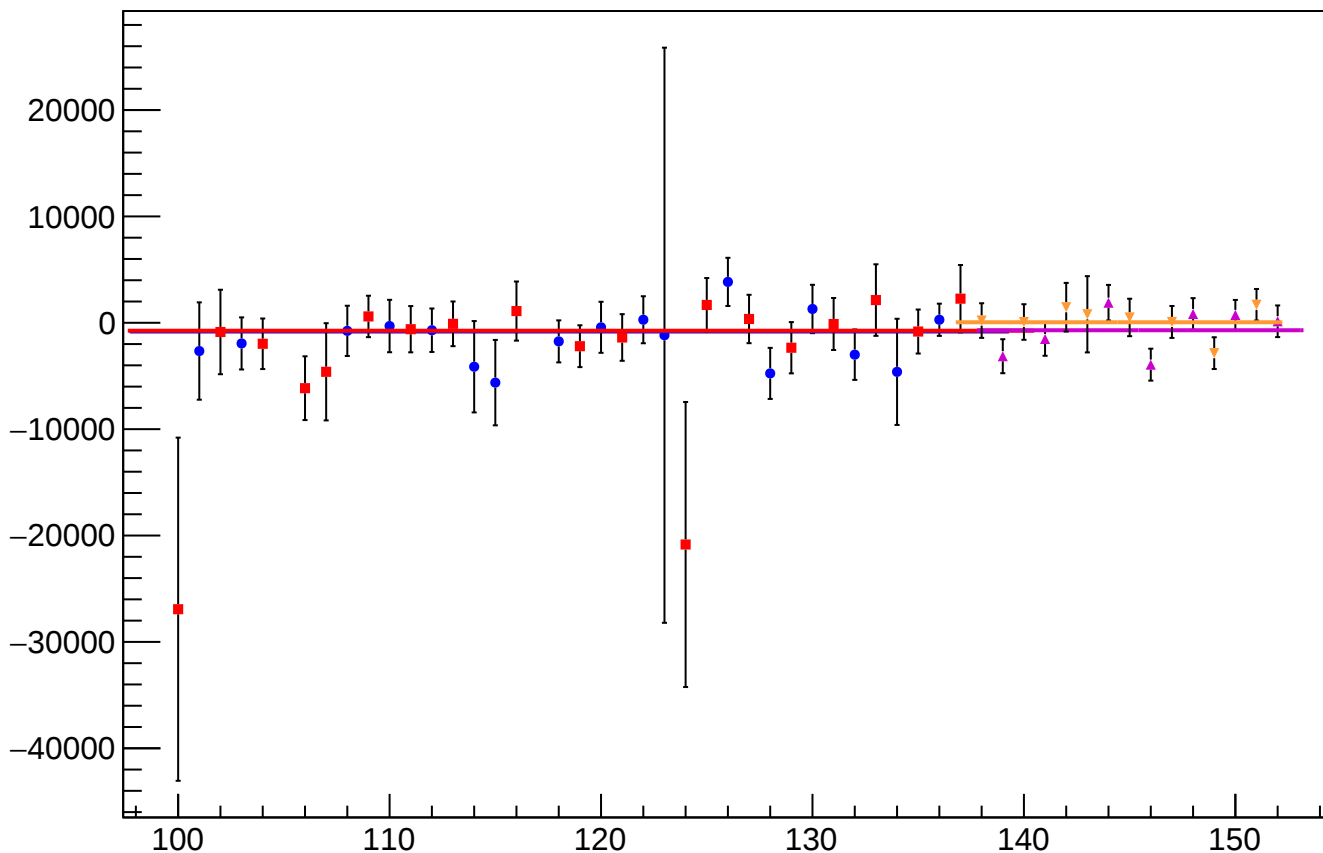
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 388.160+/-0.084 χ^2/NDF : 3658879.6/23

Out: 389.870+/-0.086 χ^2/NDF : 5235607.4/26

All: 388.998+/-0.060 χ^2/NDF : 8894688.9/50

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: 49.329+/-611.606 χ^2/NDF : 5.5/7

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

Left In: -701.424+/-577.636 χ^2/NDF : 12.1/6

Left: -347.475+/-419.946 χ^2/NDF : 18.4/14

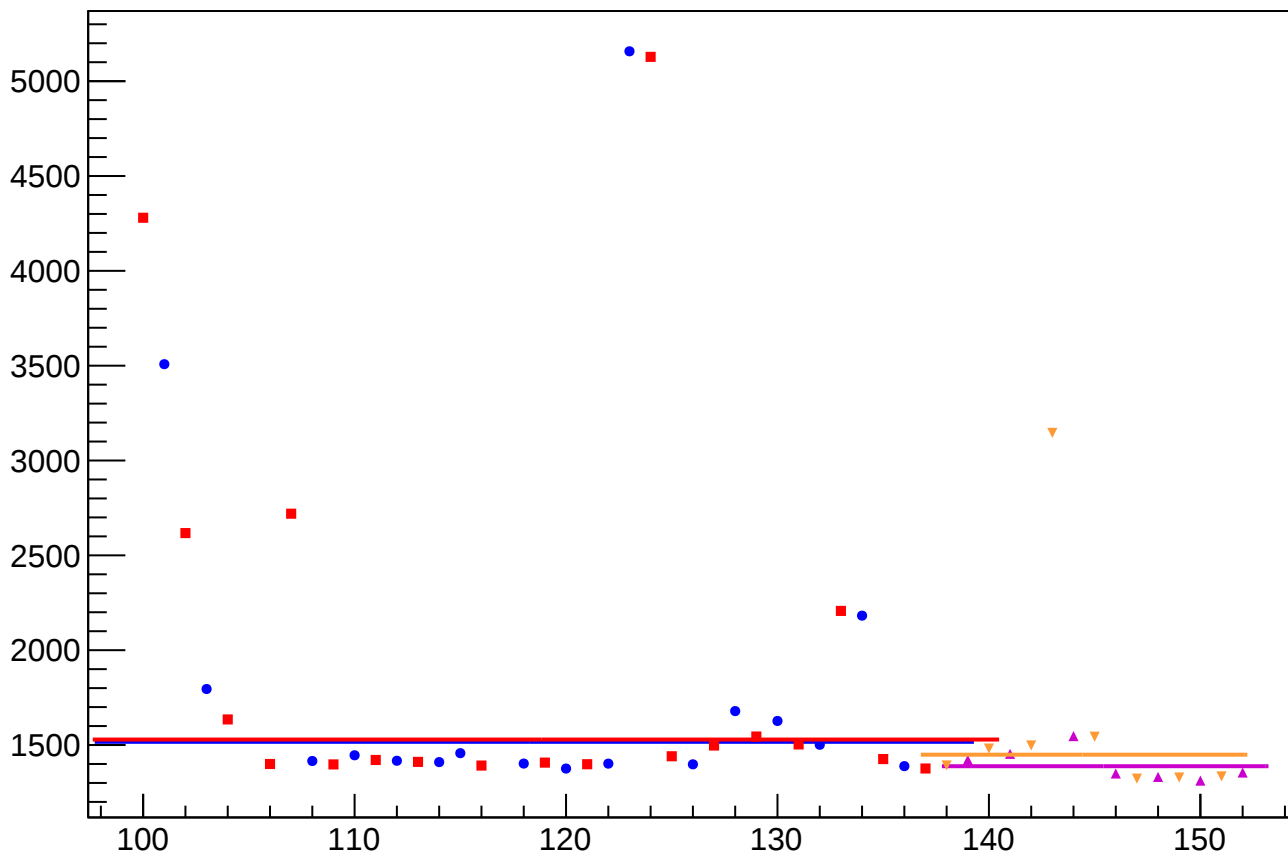
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -756.961+/-416.515 χ^2/NDF : 24.8/23

Out: -359.026+/-426.721 χ^2/NDF : 20.4/26

All: -562.809+/-298.063 χ^2/NDF : 45.6/50

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1449.009+/-0.432 χ^2/NDF : 497183.9/7

Right Out: 1528.856+/-0.421 χ^2/NDF : 630181.6/18

Left In: 1388.269+/-0.408 χ^2/NDF : 33197.7/6

Left: 1416.905+/-0.297 χ^2/NDF : 540807.7/14

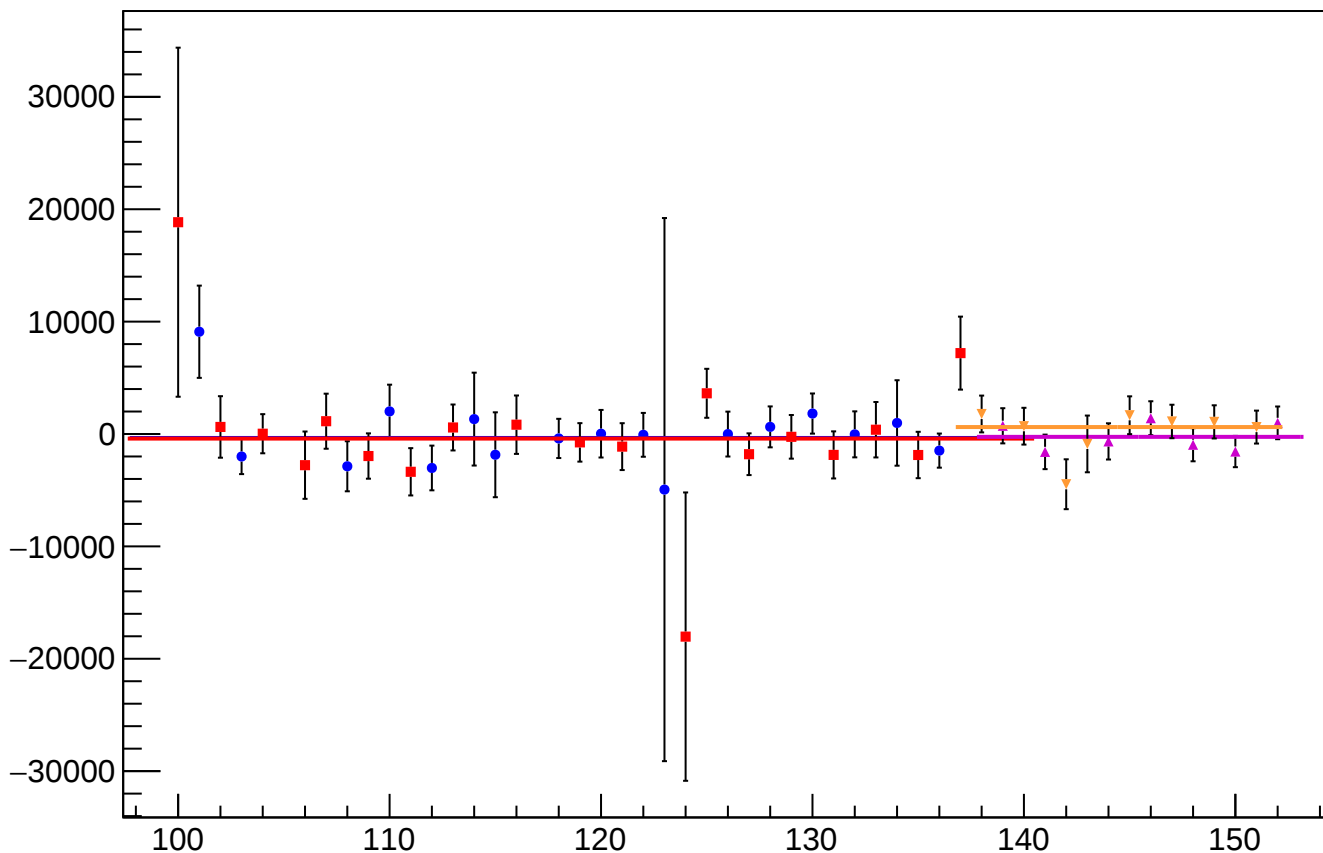
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1450.037+/-0.295 χ^2/NDF : 621874.8/23

Out: 1489.987+/-0.302 χ^2/NDF : 1144859.7/26

All: 1469.528+/-0.211 χ^2/NDF : 1775711.9/50

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 617.897 ± 593.858 $\chi^2/\text{NDF}: 6.7/7$

Right Out: -407.388 ± 522.047 $\chi^2/\text{NDF}: 18.4/18$

Left In: -254.426 ± 567.439 $\chi^2/\text{NDF}: 4.3/6$

Left: 161.900 ± 410.262 $\chi^2/\text{NDF}: 12.1/14$

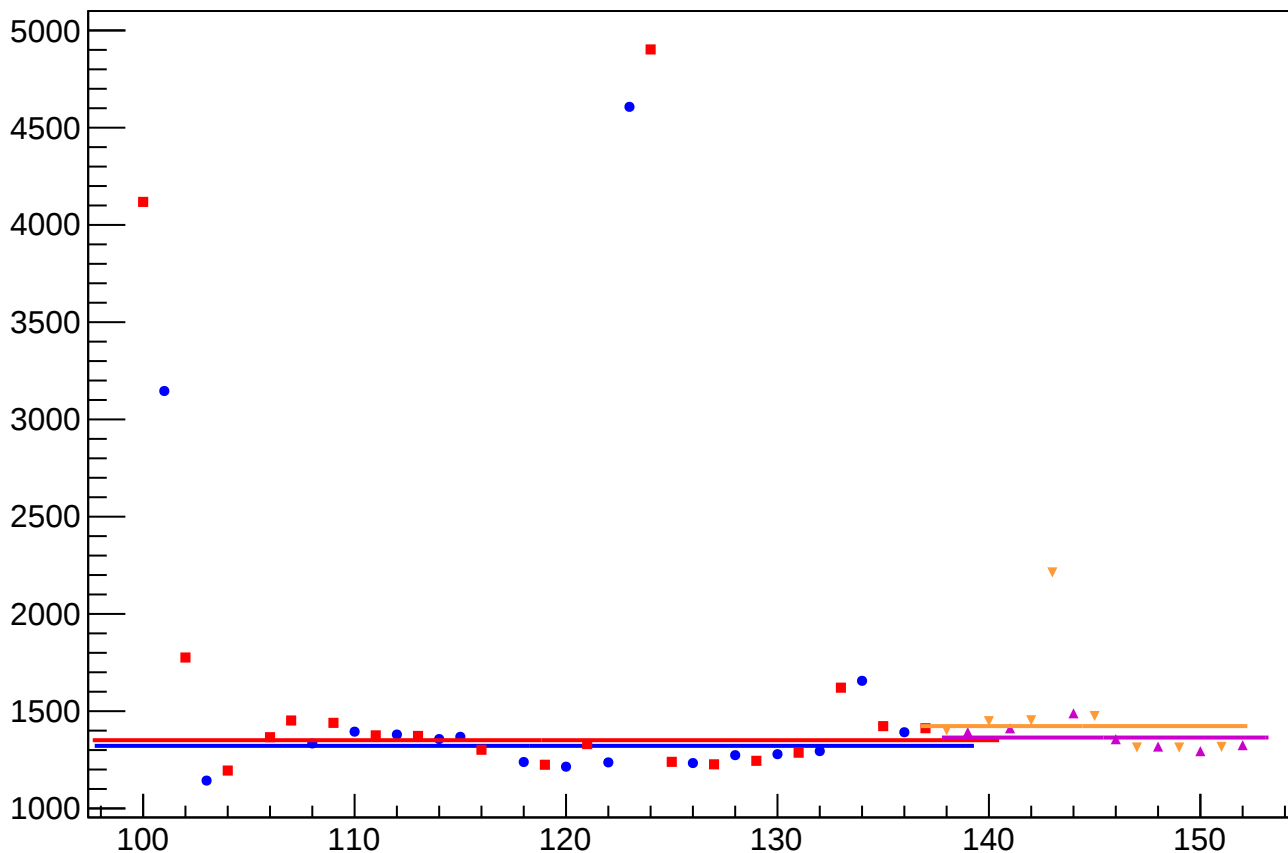
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -307.764 ± 384.698 $\chi^2/\text{NDF}: 17.7/23$

Out: 39.546 ± 392.087 $\chi^2/\text{NDF}: 26.8/26$

All: -137.412 ± 274.598 $\chi^2/\text{NDF}: 44.9/50$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2 /NDF: 502245.7/16

Left Out: 1423.224 $\pm$ 0.420 χ^2 /NDF: 231812.4/7

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

Left In: 1364.376 $\pm$ 0.401 χ^2 /NDF: 23058.1/6

Left: 1392.462 $\pm$ 0.290 χ^2 /NDF: 265136.5/14

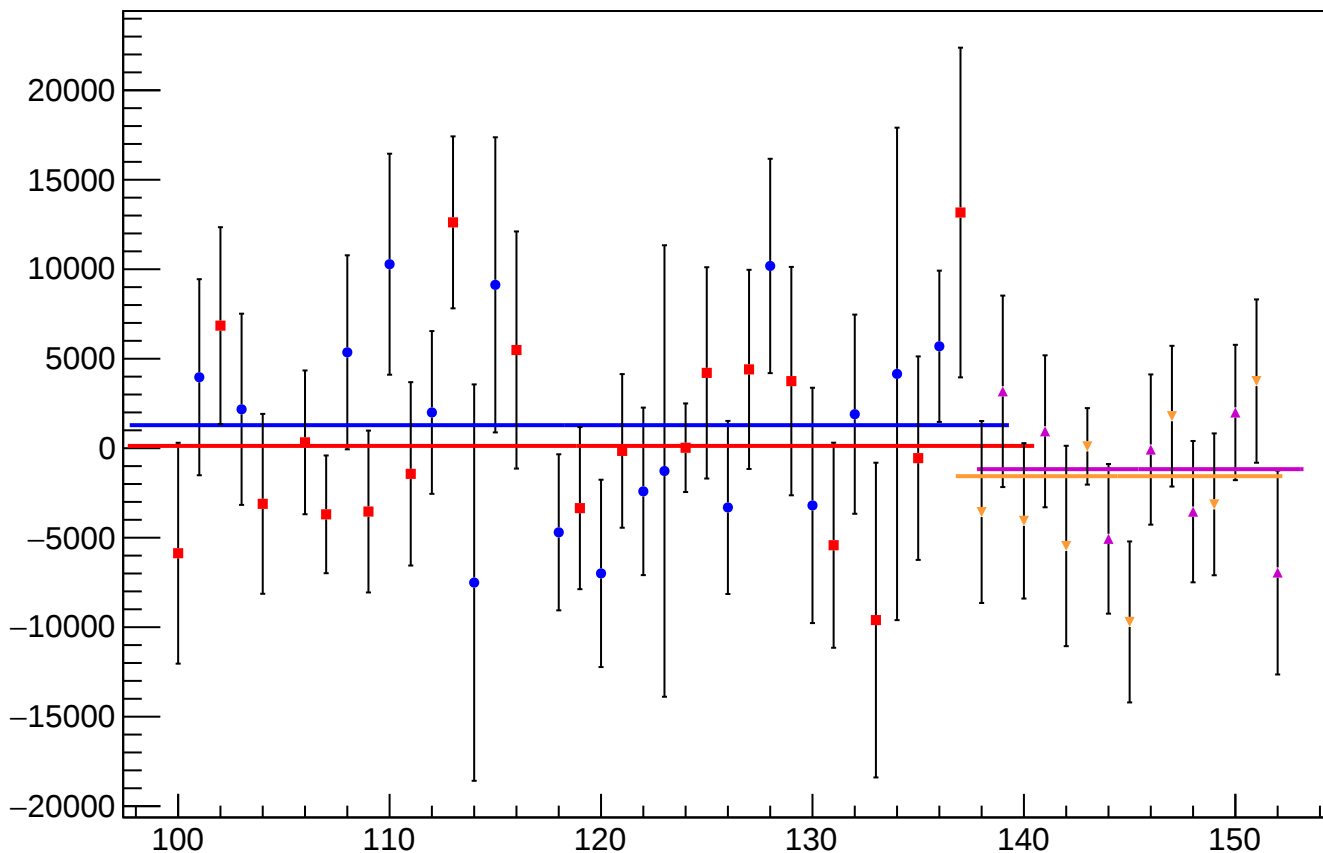
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1341.316 $\pm$ 0.272 χ^2 /NDF: 531416.2/23

Out: 1382.336 $\pm$ 0.277 χ^2 /NDF: 598495.9/26

All: 1361.442 $\pm$ 0.194 χ^2 /NDF: 1141068.8/50

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: -1563.295+/-1326.495 χ^2/NDF : 7.1/7

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

Left In: -1170.201+/-1645.507 χ^2/NDF : 3.9/6

Left: -1408.462+/-1032.723 χ^2/NDF : 11.1/14

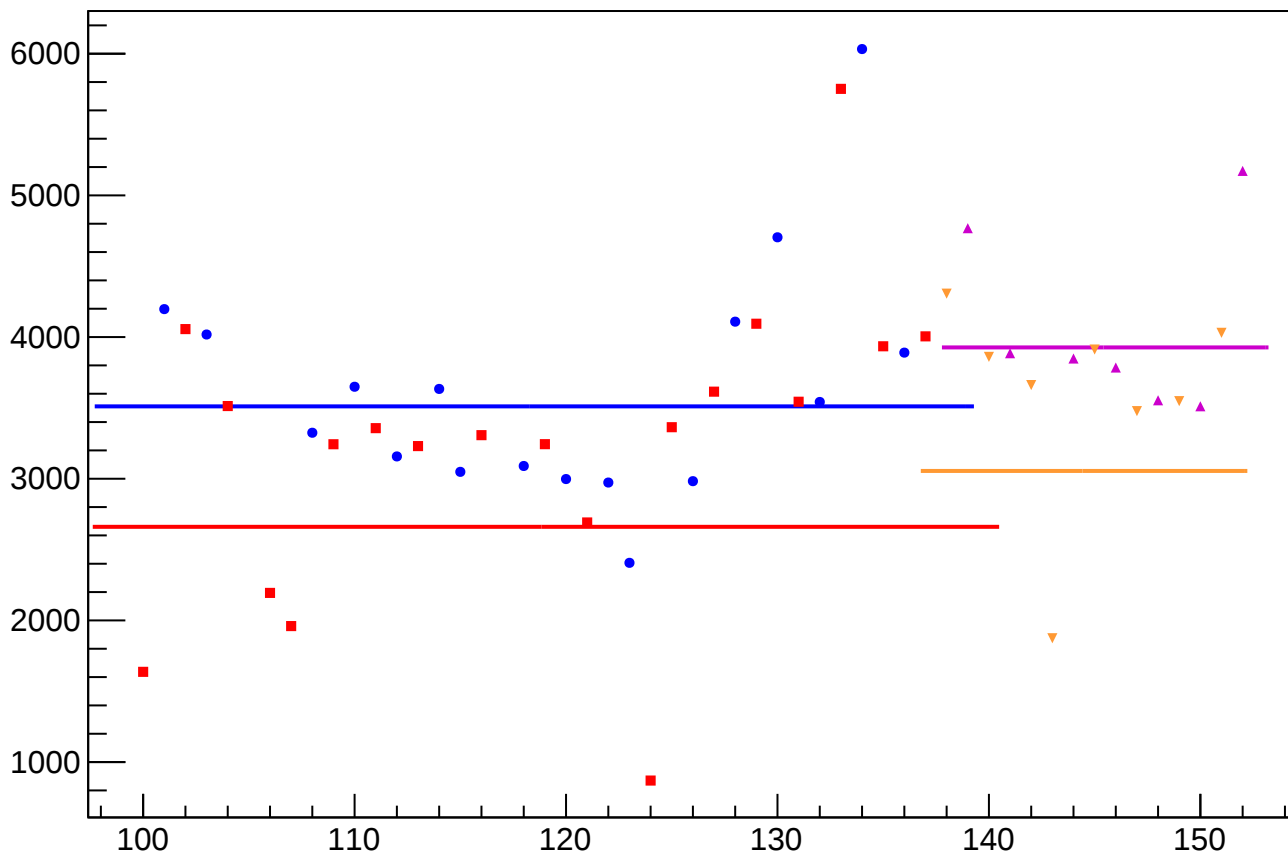
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 276.261+/-1055.508 χ^2/NDF : 19.5/23

Out: -551.805+/-841.344 χ^2/NDF : 26.6/26

All: -230.088+/-657.910 χ^2/NDF : 46.5/50

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: 3055.043 $\pm$ 0.938 χ^2 /NDF:1041564.7/7

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

Left In: 3926.882 $\pm$ 1.164 χ^2 /NDF:190331.4/6

Left: 3398.446 $\pm$ 0.730 χ^2 /NDF: 1572194.4/14

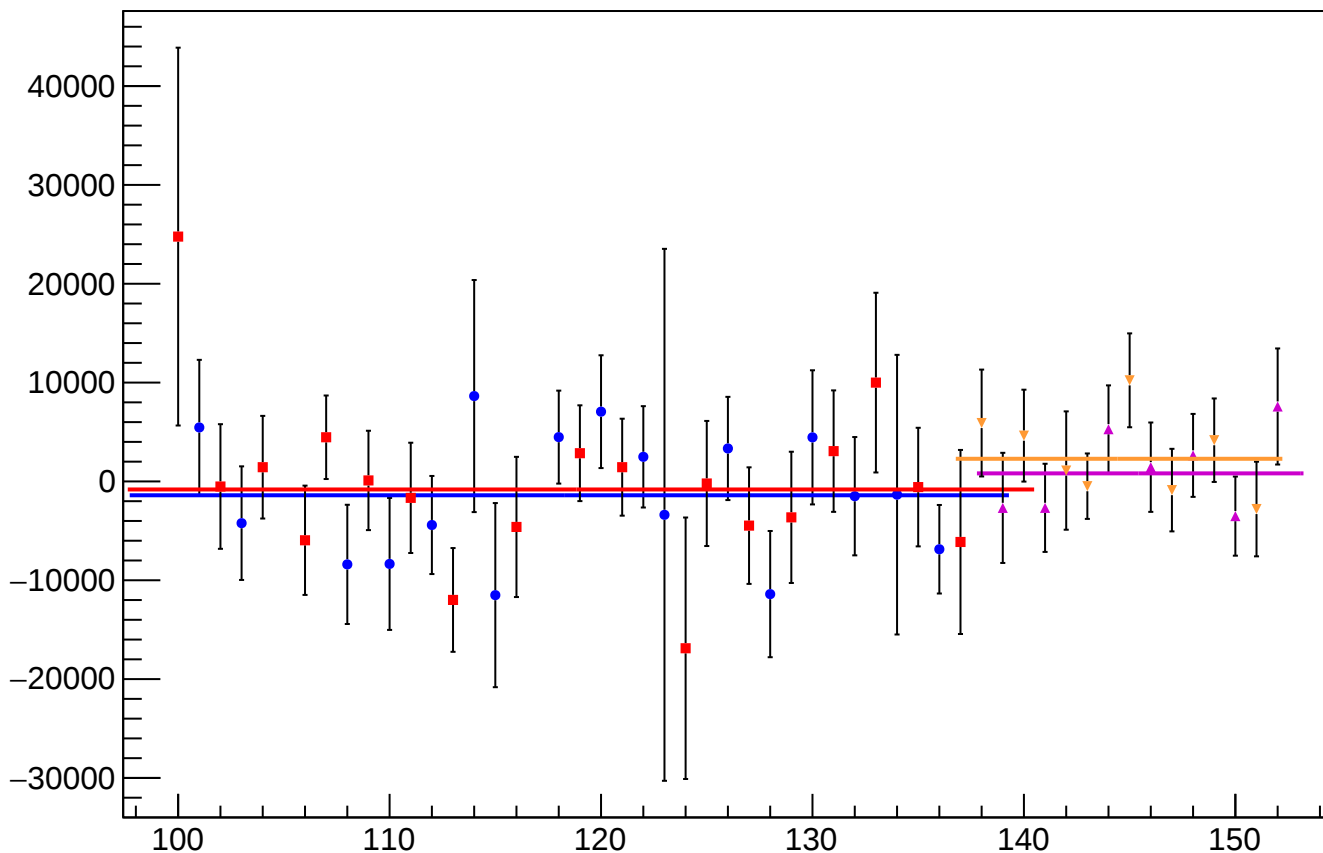
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3681.999 $\pm$ 0.746 χ^2 /NDF:609647.0/23

Out: 2819.301 $\pm$ 0.595 χ^2 /NDF:3329904.2/26

All: 3154.473 $\pm$ 0.465 χ^2 /NDF: 4756527.1/50

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: 2290.871+/-1579.168 χ^2/NDF : 6.1/7

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

Left In: 814.520+/-1739.508 χ^2/NDF : 4.7/6

Left: 1623.859+/-1169.226 χ^2/NDF : 11.3/14

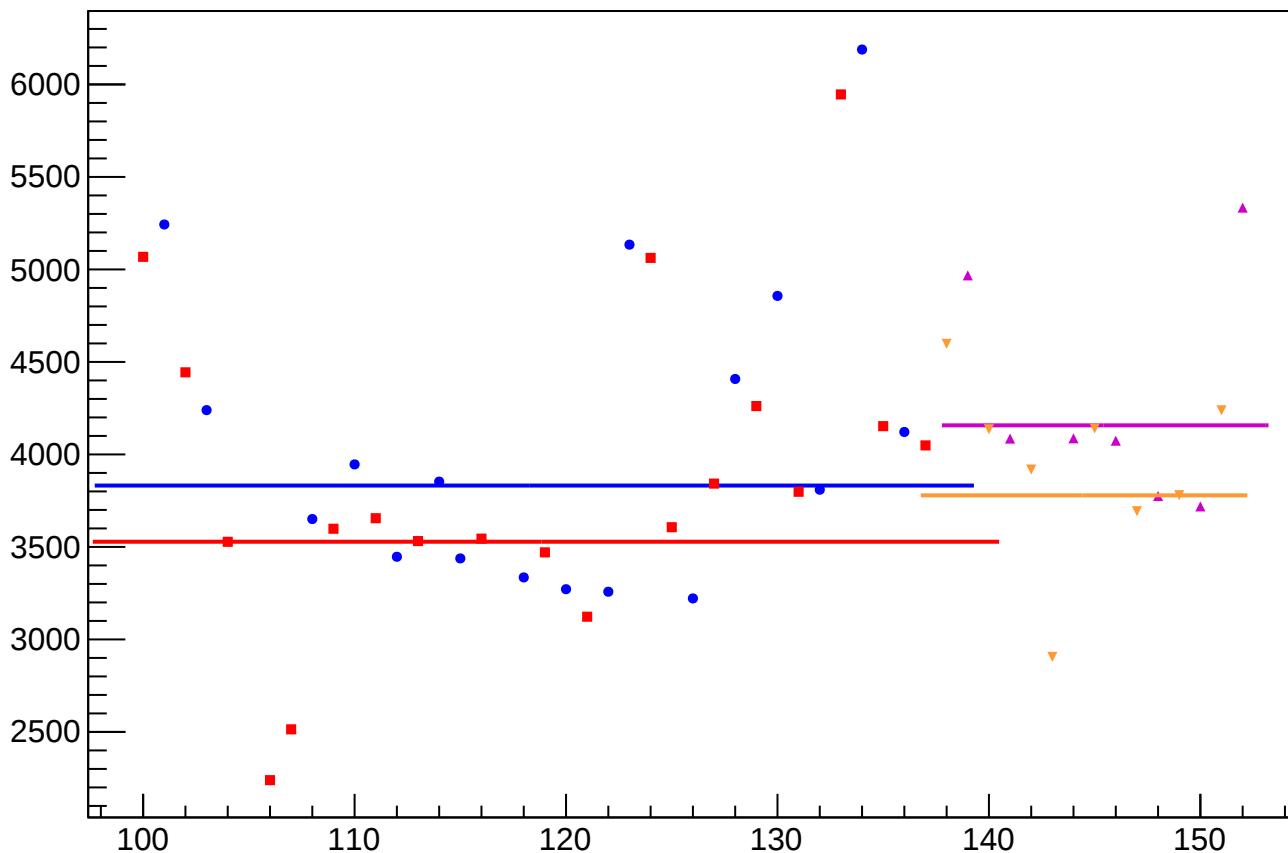
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

In: -453.408+/-1137.777 χ^2/NDF : 21.4/23

Out: 529.375+/-1038.751 χ^2/NDF : 22.6/26

All: 82.605+/-767.133 χ^2/NDF : 44.4/50

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 3778.853+/-1.117 χ^2/NDF : 228800.2/7

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

Left In: 4157.277+/-1.230 χ^2/NDF : 164892.4/6

Left: 3949.824+/-0.827 χ^2/NDF : 445581.4/14

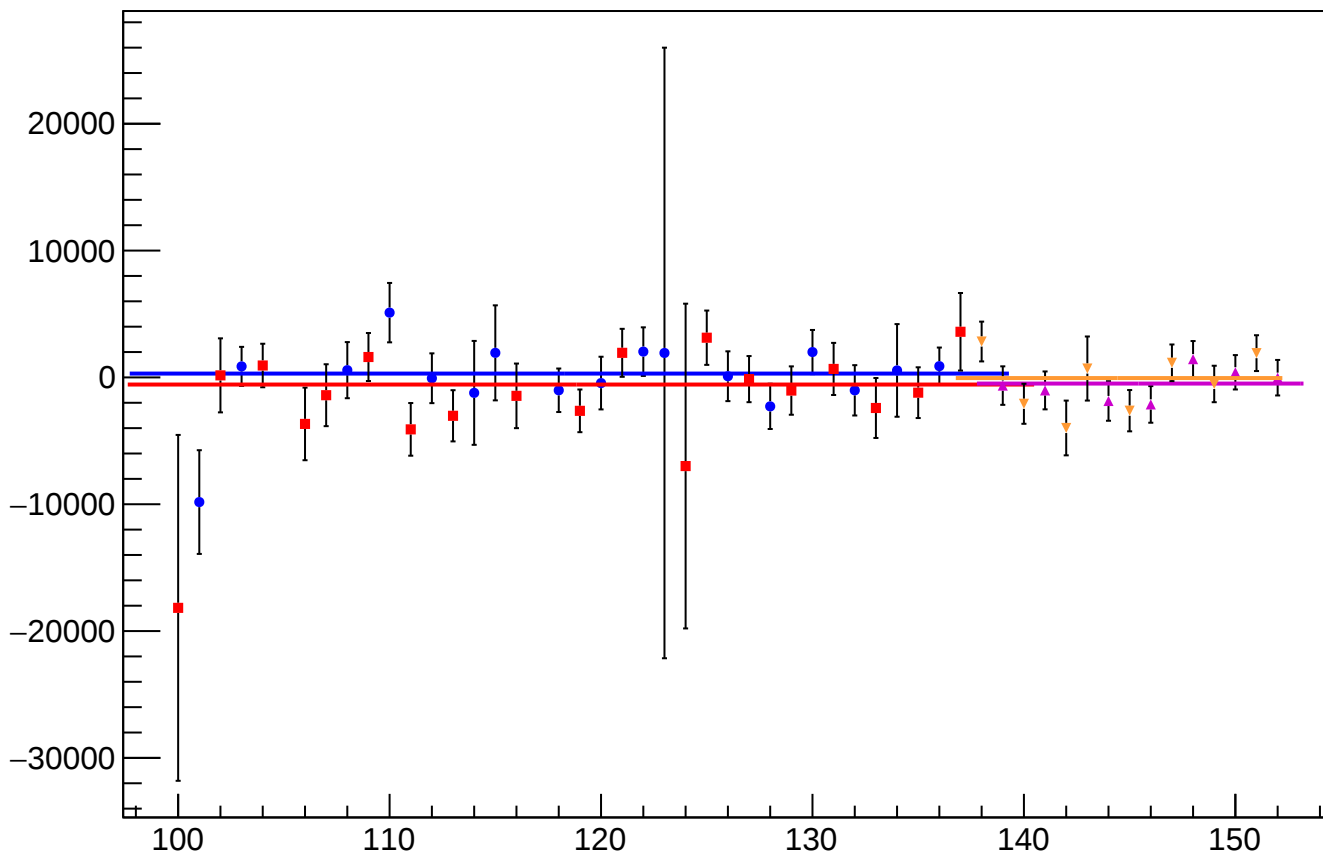
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 3971.052+/-0.805 χ^2/NDF : 542659.4/23

Out: 3635.473+/-0.731 χ^2/NDF : 814827.0/26

All: 3787.164+/-0.541 χ^2/NDF : 1452826.9/50

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: -52.024 ± 575.219 χ^2/NDF : 13.7/7

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

Left In: -485.256 ± 548.981 χ^2/NDF : 4.6/6

Left: -278.746 ± 397.140 χ^2/NDF : 18.5/14

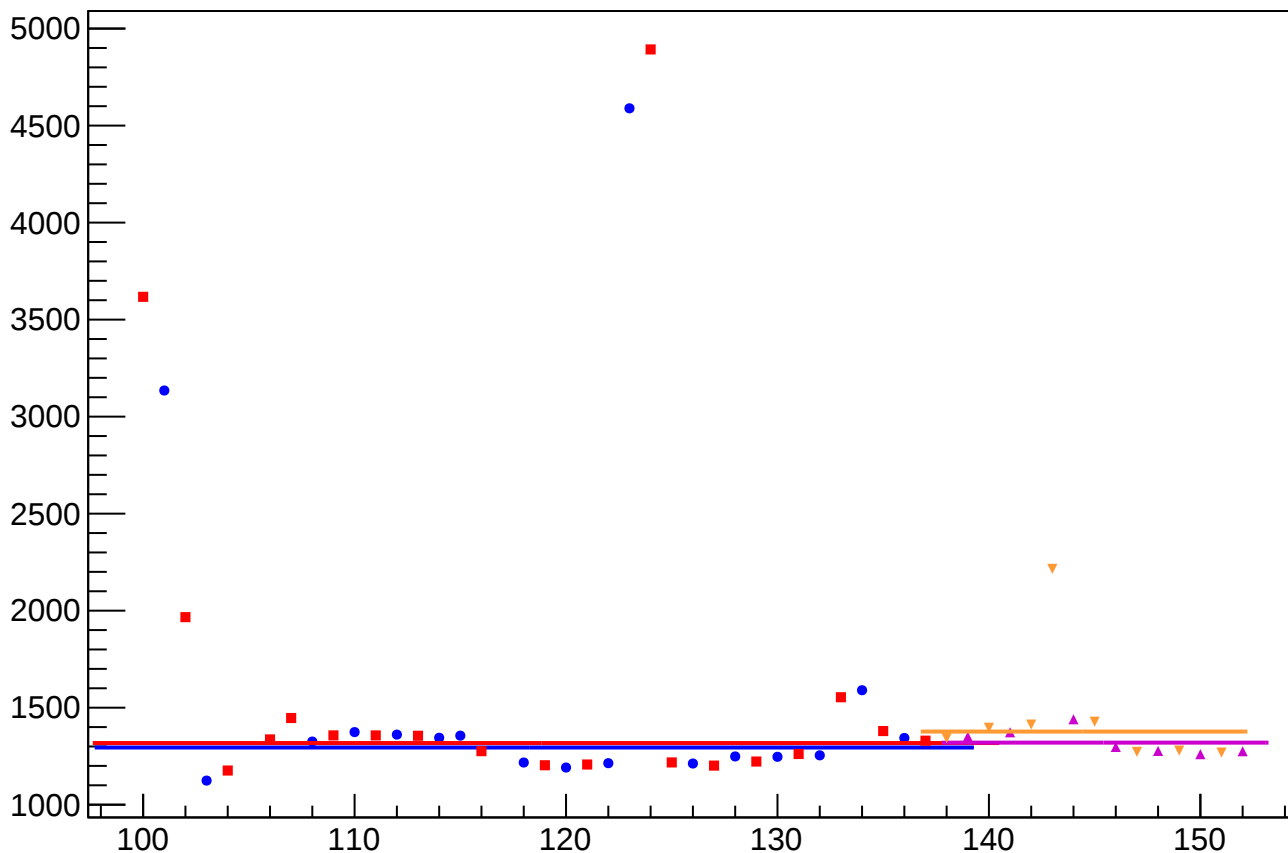
Right: -133.943 ± 361.026 χ^2/NDF : 36.6/35

In: -64.876 ± 374.756 χ^2/NDF : 21.7/23

Out: -338.504 ± 380.908 χ^2/NDF : 33.3/26

All: -199.463 ± 267.141 χ^2/NDF : 55.3/50

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: 1376.951+/-0.407 χ^2/NDF : 255697.9/7

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

Left In: 1319.879+/-0.388 χ^2/NDF : 23433.7/6

Left: 1347.084+/-0.281 χ^2/NDF : 289435.0/14

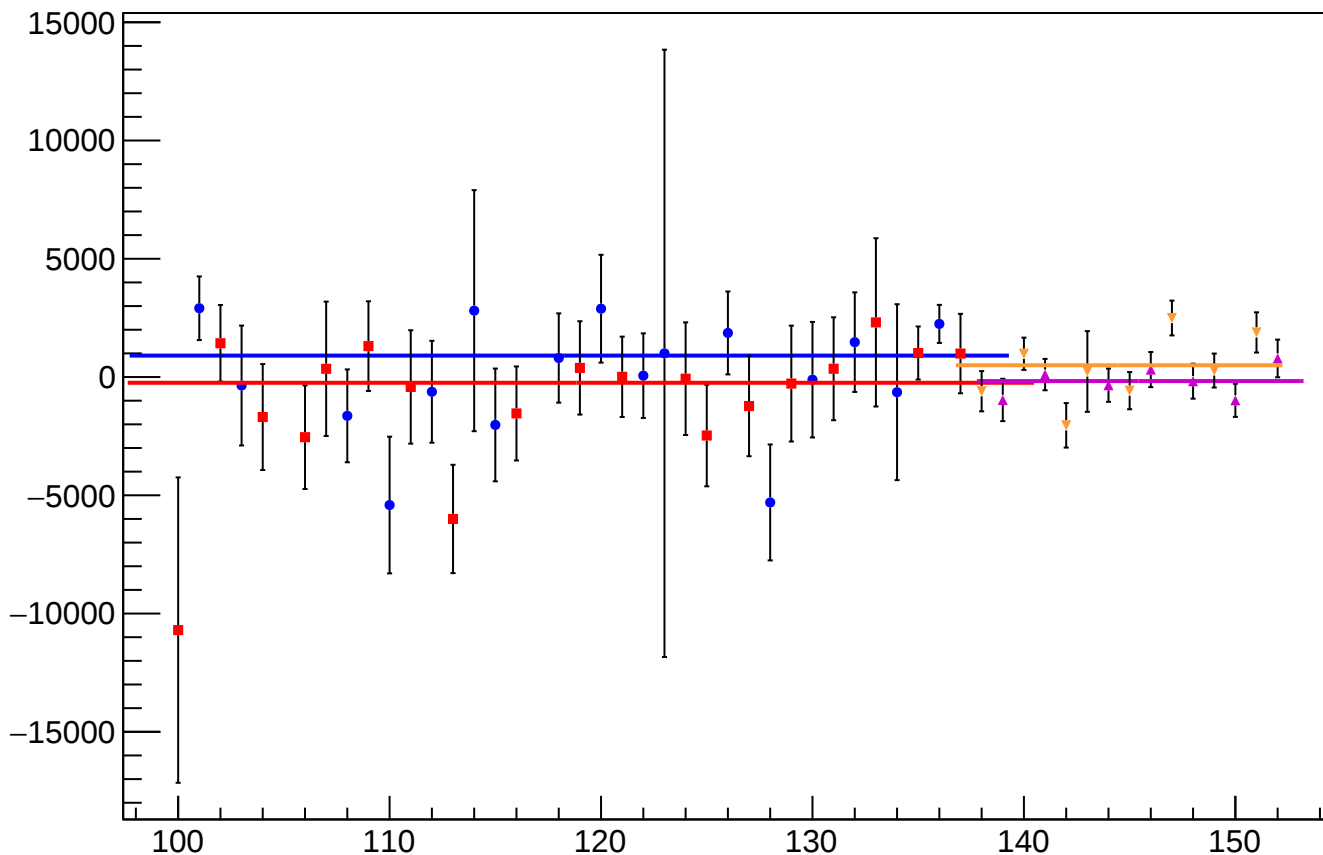
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1306.449+/-0.265 χ^2/NDF : 533479.1/23

Out: 1343.731+/-0.269 χ^2/NDF : 658384.9/26

All: 1324.787+/-0.189 χ^2/NDF : 1201600.0/50

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 497.895 $\pm$ 291.290 χ^2 /NDF:21.5/7

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -170.688 $\pm$ 279.515 χ^2 /NDF:4.2/6

Left: 149.817 $\pm$ 201.681 χ^2 /NDF: 28.5/14

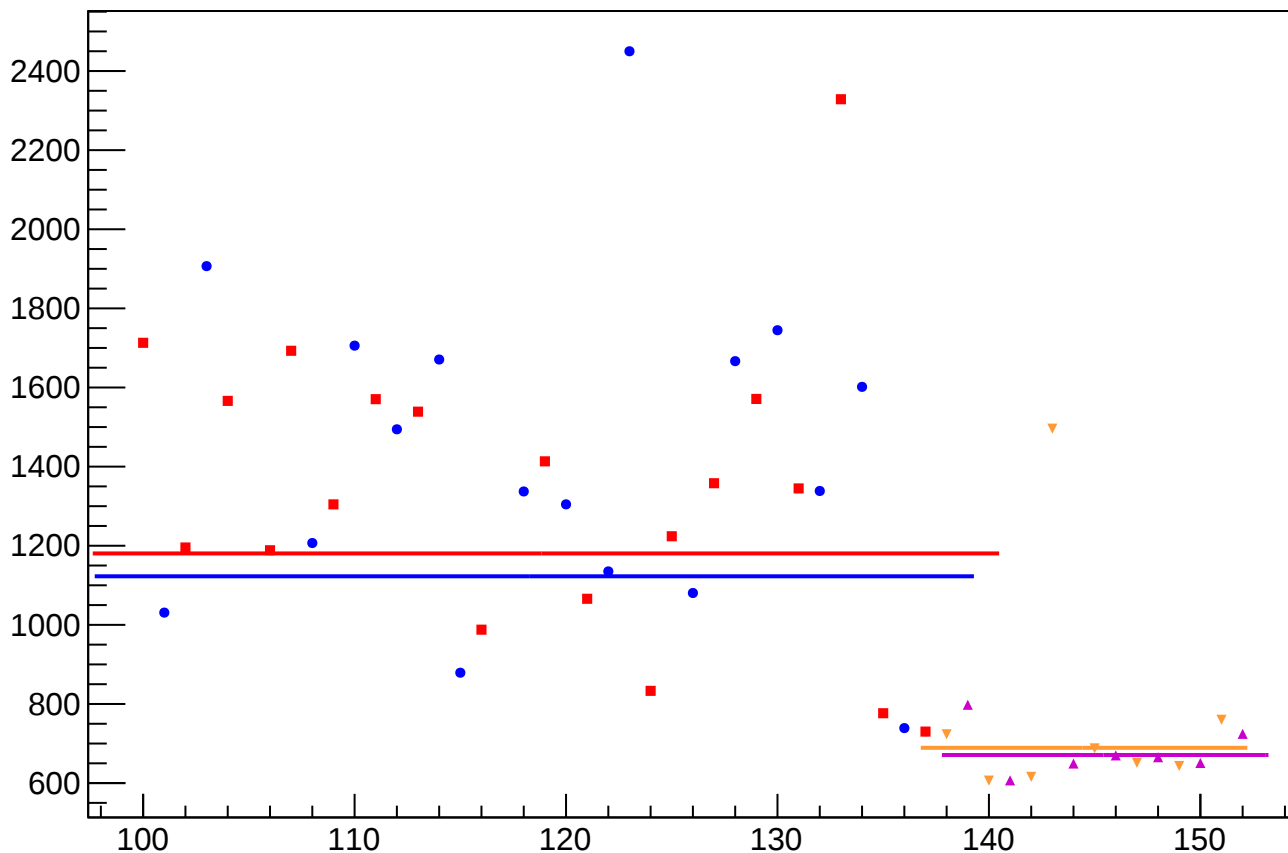
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 123.710 $\pm$ 238.285 χ^2 /NDF:30.3/23

Out: 288.216 $\pm$ 246.605 χ^2 /NDF:39.8/26

All: 203.141 $\pm$ 171.359 χ^2 /NDF: 70.3/50

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 689.202+/-0.206 χ^2/NDF : 519189.9/7

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

Left In: 671.033+/-0.198 χ^2/NDF : 71640.0/6

Left: 679.743+/-0.143 χ^2/NDF : 594881.2/14

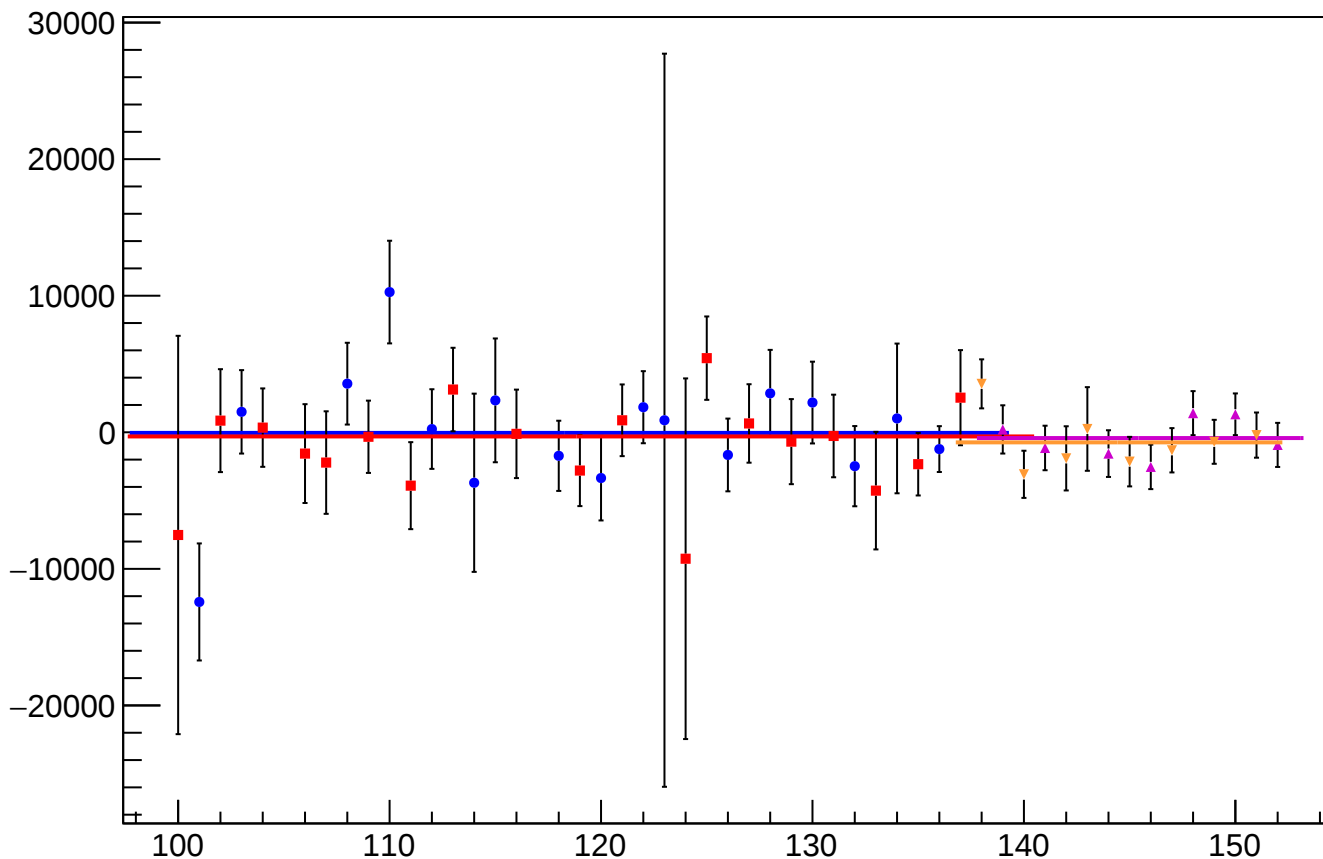
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 794.473+/-0.168 χ^2/NDF : 2687100.4/23

Out: 828.389+/-0.174 χ^2/NDF : 3166589.0/26

All: 810.849+/-0.121 χ^2/NDF : 5873253.7/50

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: -738.314 ± 649.663 χ^2/NDF : 8.7/7

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -422.168 ± 618.538 χ^2/NDF : 5.1/6

Left: -572.486 ± 447.972 χ^2/NDF : 14.0/14

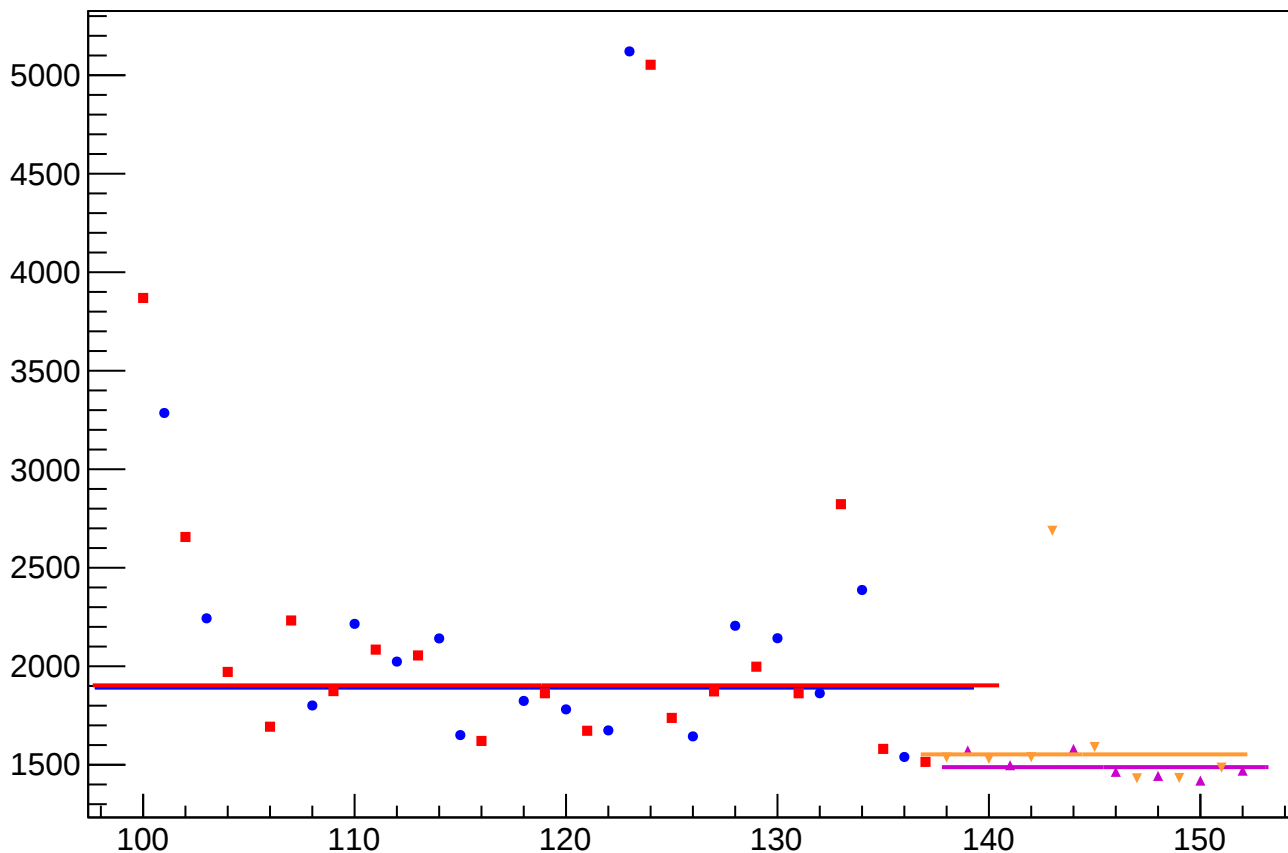
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -268.640 ± 476.567 χ^2/NDF : 28.5/23

Out: -547.542 ± 486.612 χ^2/NDF : 19.8/26

All: -405.183 ± 340.480 χ^2/NDF : 48.4/50

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: 1552.783+/-0.459 χ^2/NDF : 301791.1/7

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1488.047+/-0.437 χ^2/NDF : 16638.8/6

Left: 1518.827+/-0.317 χ^2/NDF : 328846.1/14

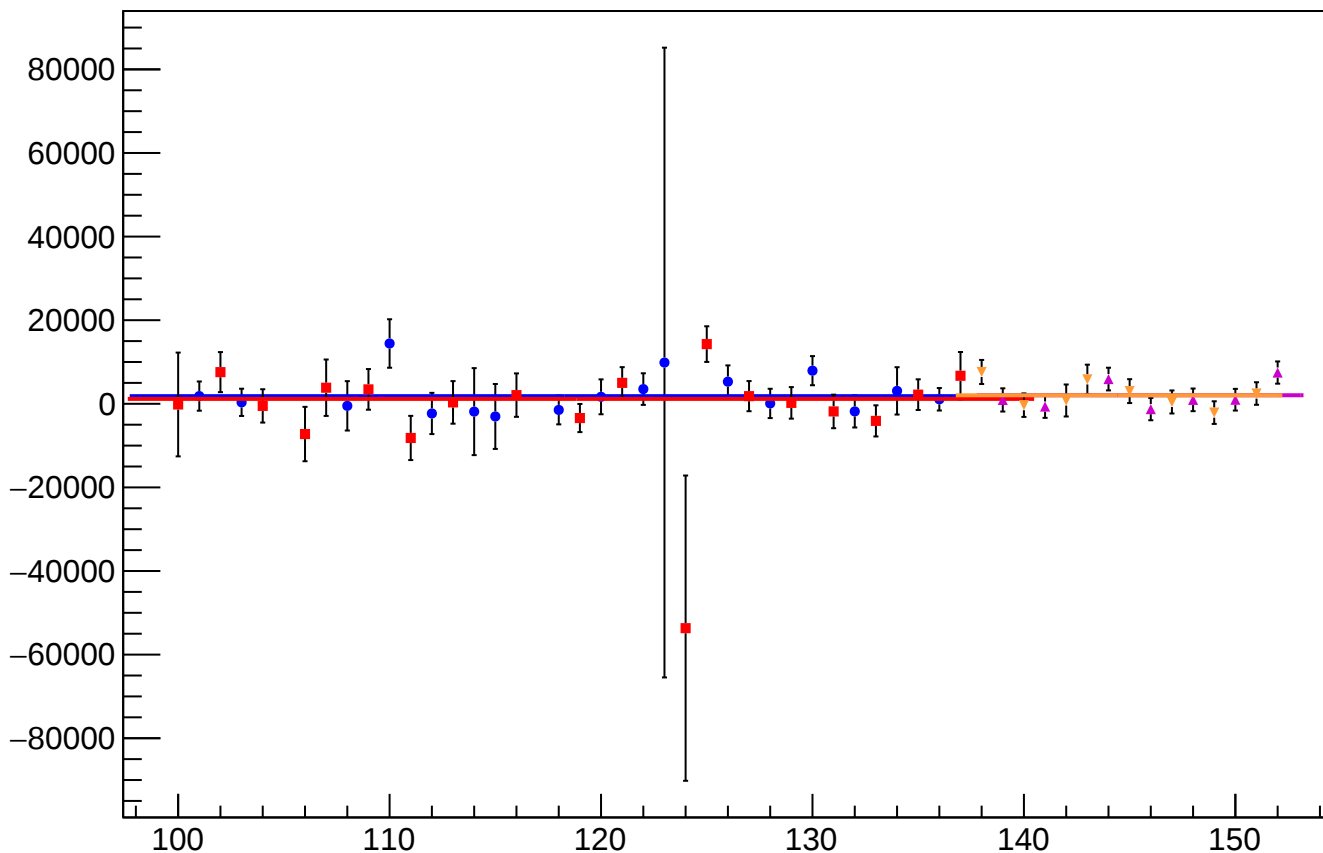
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1652.068+/-0.337 χ^2/NDF : 831802.3/23

Out: 1706.523+/-0.344 χ^2/NDF : 1017086.2/26

All: 1678.728+/-0.241 χ^2/NDF : 1861672.9/50

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2/NDF : 12.6/16

Left Out: 2034.384 $\pm$ 1040.245 χ^2/NDF : 8.5/7

Right Out: 1173.235 $\pm$ 1046.189 χ^2/NDF : 25.5/18

Left In: 2045.943 $\pm$ 1015.438 χ^2/NDF : 9.3/6

Left: 2040.303 $\pm$ 726.635 χ^2/NDF : 17.8/14

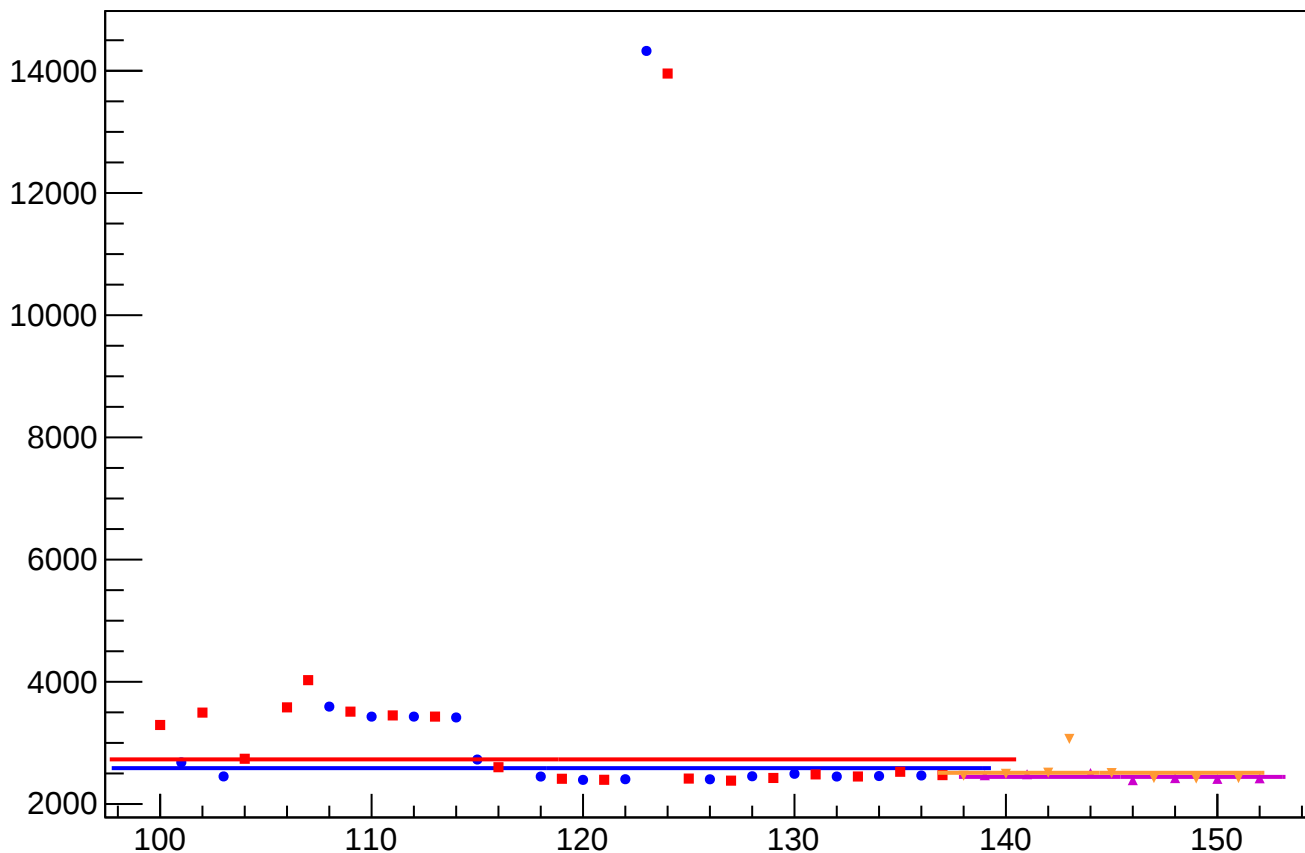
Right: 1510.553 $\pm$ 726.697 χ^2/NDF : 38.2/35

In: 1934.918 $\pm$ 716.152 χ^2/NDF : 21.8/23

Out: 1606.263 $\pm$ 737.657 χ^2/NDF : 34.4/26

All: 1775.451 $\pm$ 513.830 χ^2/NDF : 56.3/50

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2510.897+/-0.736 χ^2/NDF : 56766.1/7

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2443.849+/-0.718 χ^2/NDF : 3162.1/6

Left: 2476.564+/-0.514 χ^2/NDF : 64182.8/14

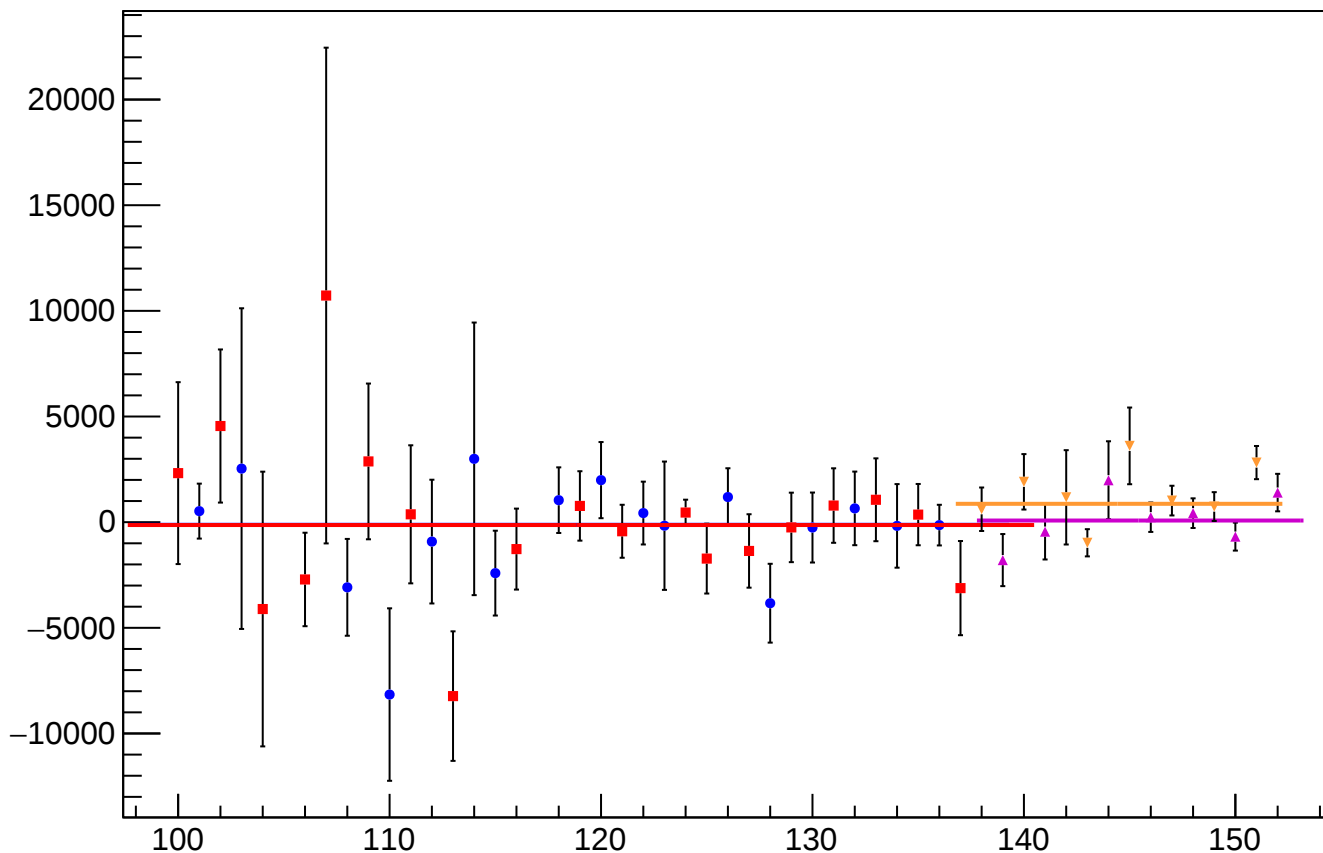
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2515.786+/-0.506 χ^2/NDF : 277246.1/23

Out: 2620.065+/-0.522 χ^2/NDF : 686065.0/26

All: 2566.383+/-0.363 χ^2/NDF : 983886.5/50

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 868.703+/-312.570 χ^2/NDF : 17.5/7

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: 77.945+/-330.186 χ^2/NDF : 7.4/6

Left: 494.980+/-226.993 χ^2/NDF : 27.9/14

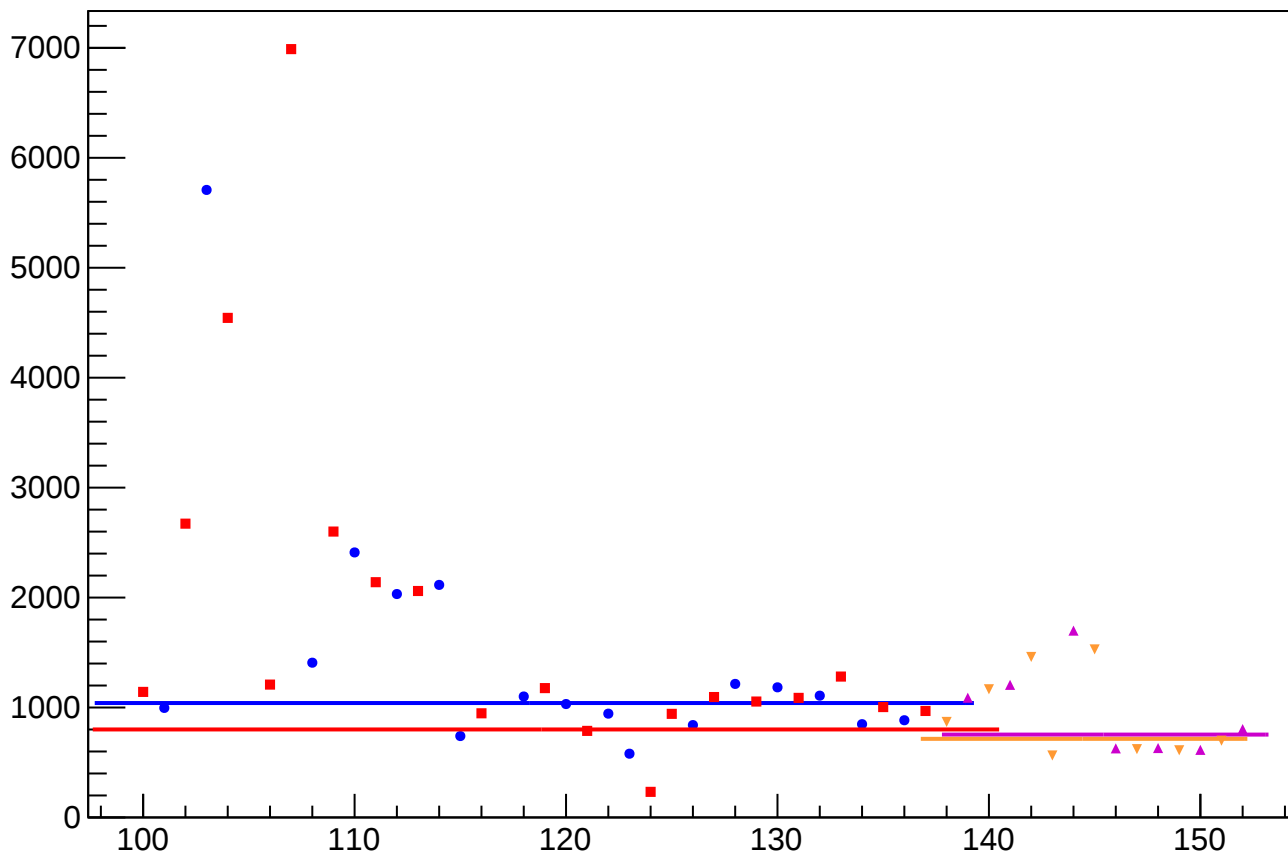
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: 3.031+/-262.056 χ^2/NDF : 22.2/23

Out: 462.805+/-241.254 χ^2/NDF : 39.5/26

All: 251.889+/-177.492 χ^2/NDF : 63.4/50

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 χ^2/NDF : 1573034.8/16

Left Out: 714.937 ± 0.221 χ^2/NDF : 1098946.3/7

Right Out: 800.407 ± 0.268 χ^2/NDF : 5187026.8/18

Left In: 753.726 ± 0.233 χ^2/NDF : 1129526.2/6

Left: 733.269 ± 0.161 χ^2/NDF : 2243028.4/14

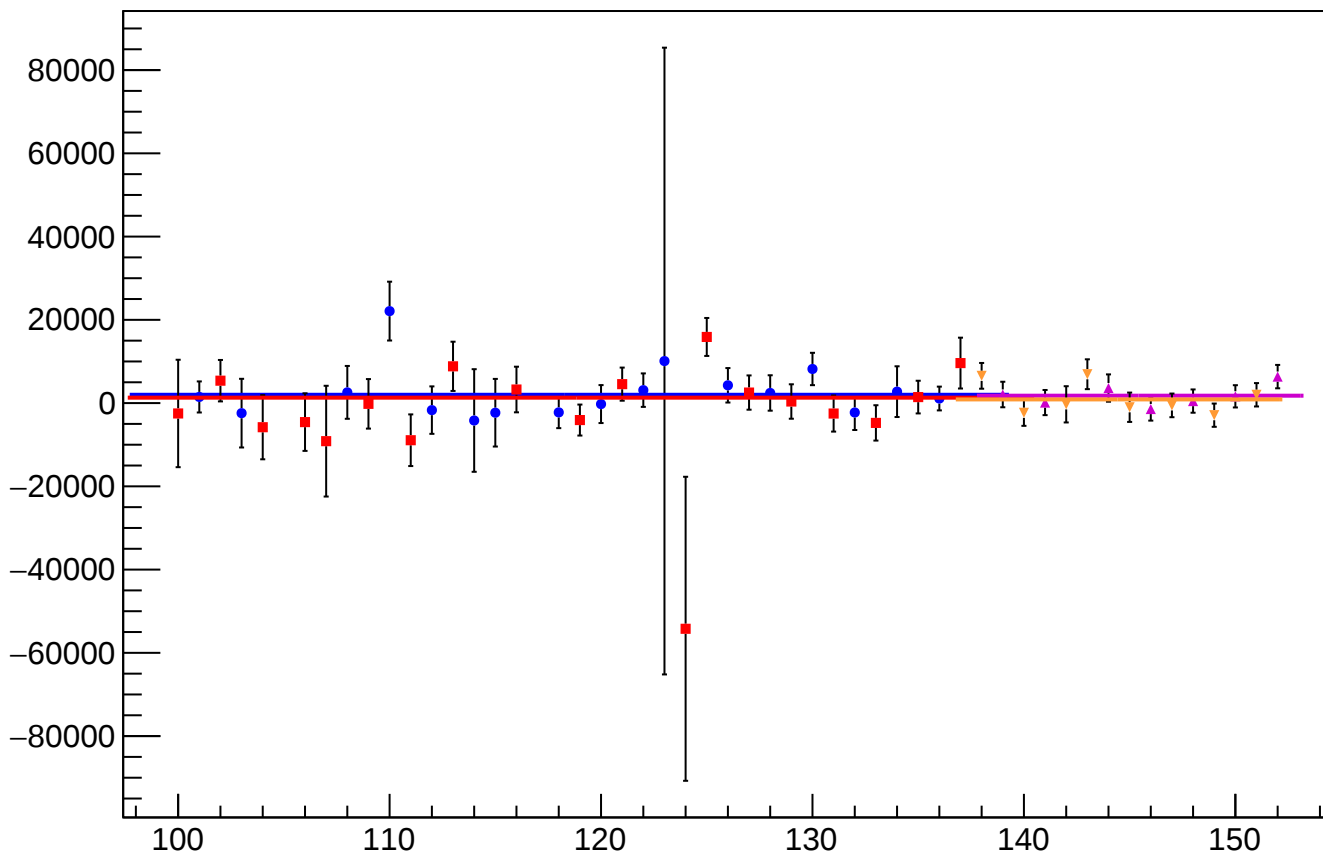
Right: 905.419 ± 0.201 χ^2/NDF : 7110681.5/35

In: 859.957 ± 0.185 χ^2/NDF : 3261931.2/23

Out: 749.490 ± 0.171 χ^2/NDF : 6346427.1/26

All: 800.165 ± 0.126 χ^2/NDF : 9800717.8/50

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 881.309+/-1120.584 χ^2/NDF : 9.9/7

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1777.665+/-1095.847 χ^2/NDF : 4.8/6

Left: 1339.490+/-783.480 χ^2/NDF : 15.0/14

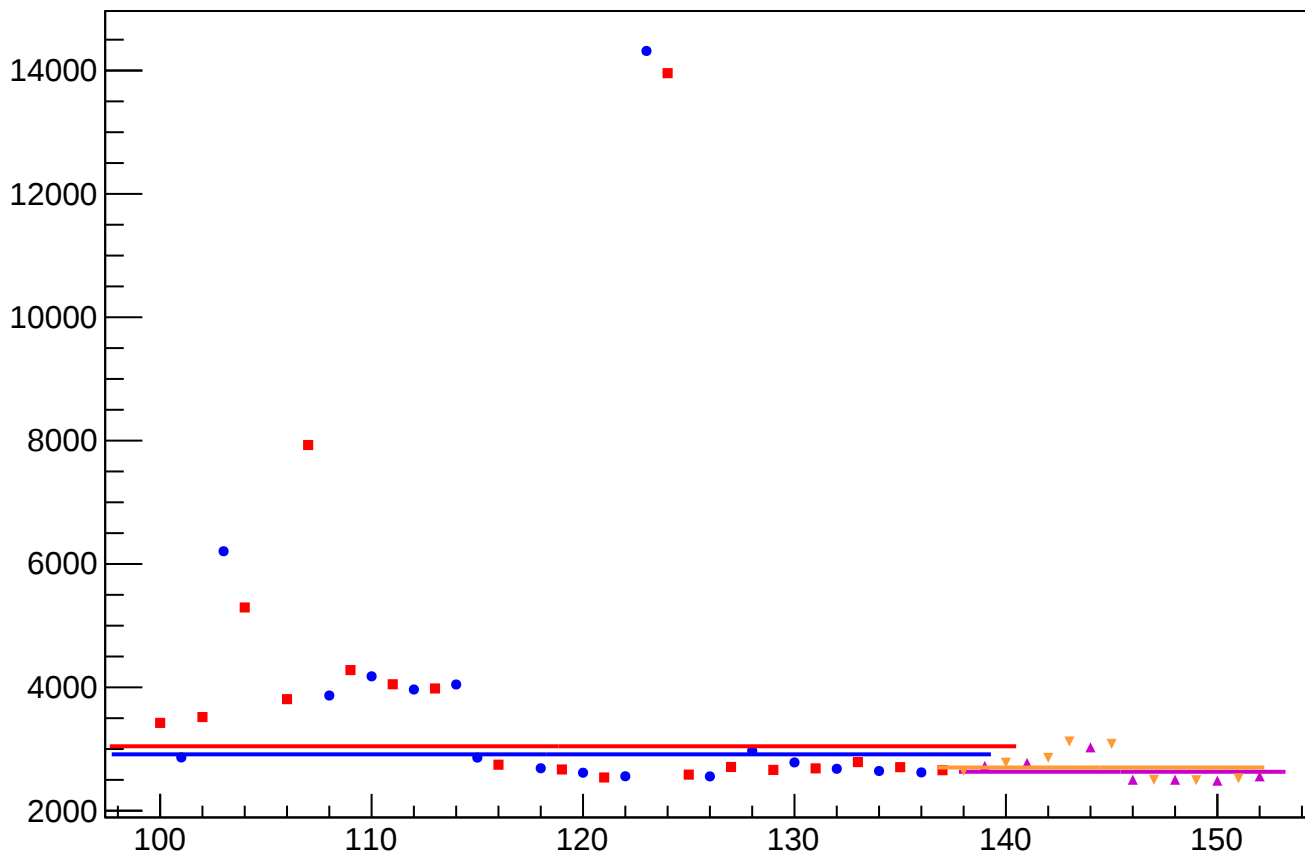
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1881.218+/-794.988 χ^2/NDF : 19.8/23

Out: 1080.264+/-815.375 χ^2/NDF : 37.5/26

All: 1490.879+/-569.213 χ^2/NDF : 57.8/50

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2700.761+/-0.792 χ^2/NDF : 84356.9/7

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2631.199+/-0.775 χ^2/NDF : 51264.6/6

Left: 2665.204+/-0.554 χ^2/NDF : 139561.0/14

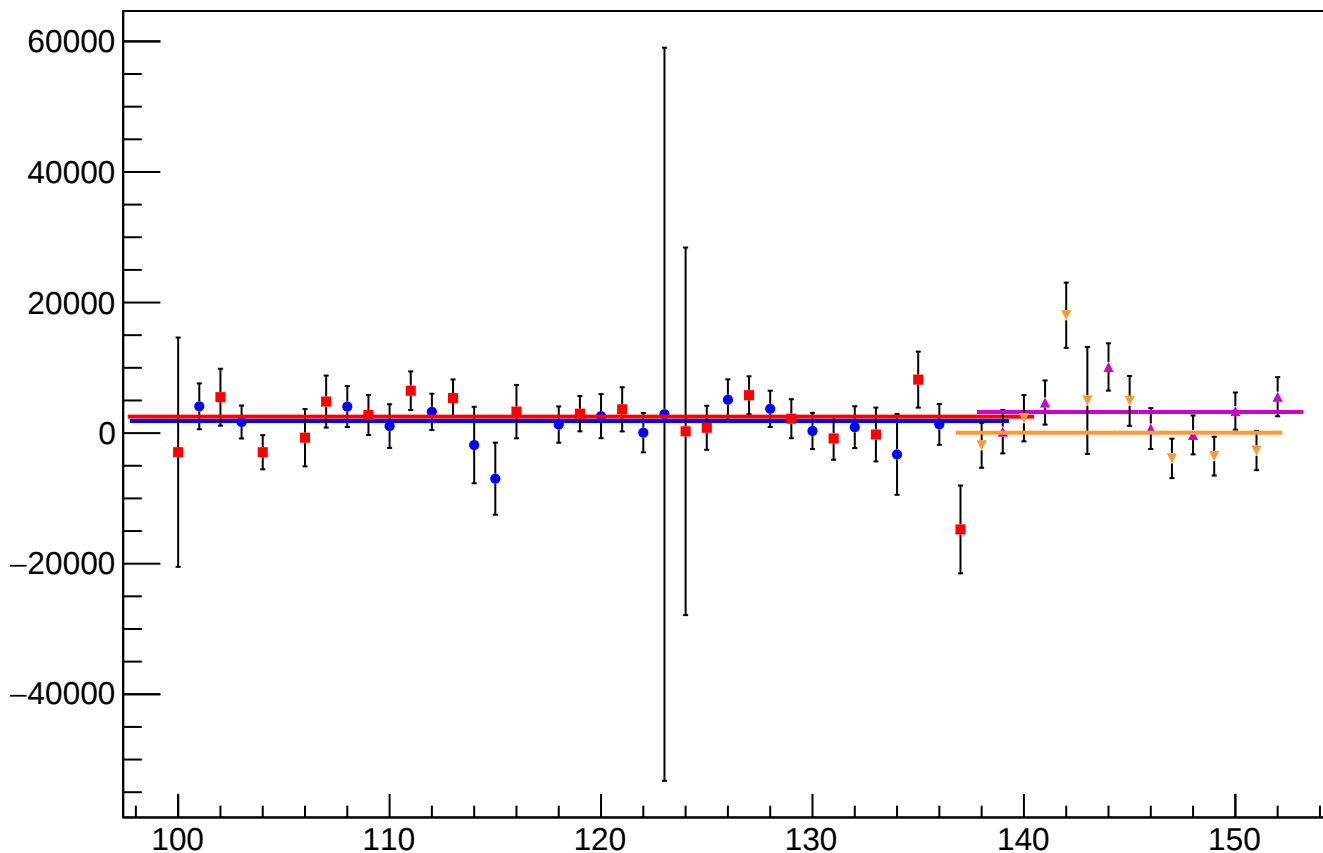
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2765.107+/-0.562 χ^2/NDF : 753290.4/23

Out: 2862.494+/-0.577 χ^2/NDF : 1178222.7/26

All: 2812.568+/-0.402 χ^2/NDF : 1946139.8/50

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 65.024+/-1268.566 χ^2/NDF :19.7/7

Right Out: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 3236.147+/-1192.383 χ^2/NDF :7.3/6

Left: 1748.660+/-868.827 χ^2/NDF : 30.3/14

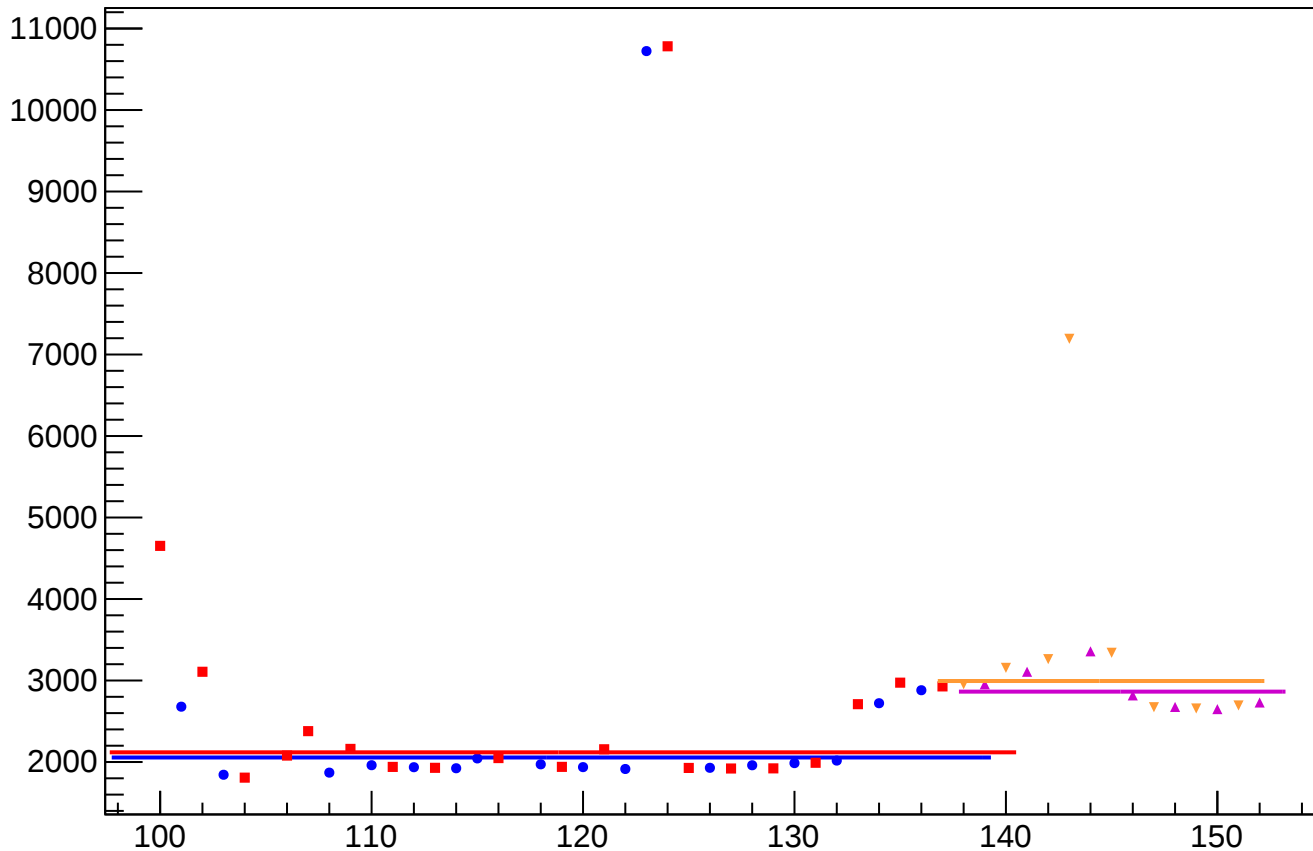
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2285.349+/-668.187 χ^2/NDF :15.5/23

Out: 1800.809+/-687.725 χ^2/NDF :42.4/26

All: 2050.060+/-479.238 χ^2/NDF : 58.2/50

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2993.795+/-0.897 χ^2/NDF : 621145.4/7

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2863.529+/-0.843 χ^2/NDF : 72768.0/6

Left: 2924.633+/-0.614 χ^2/NDF : 705110.3/14

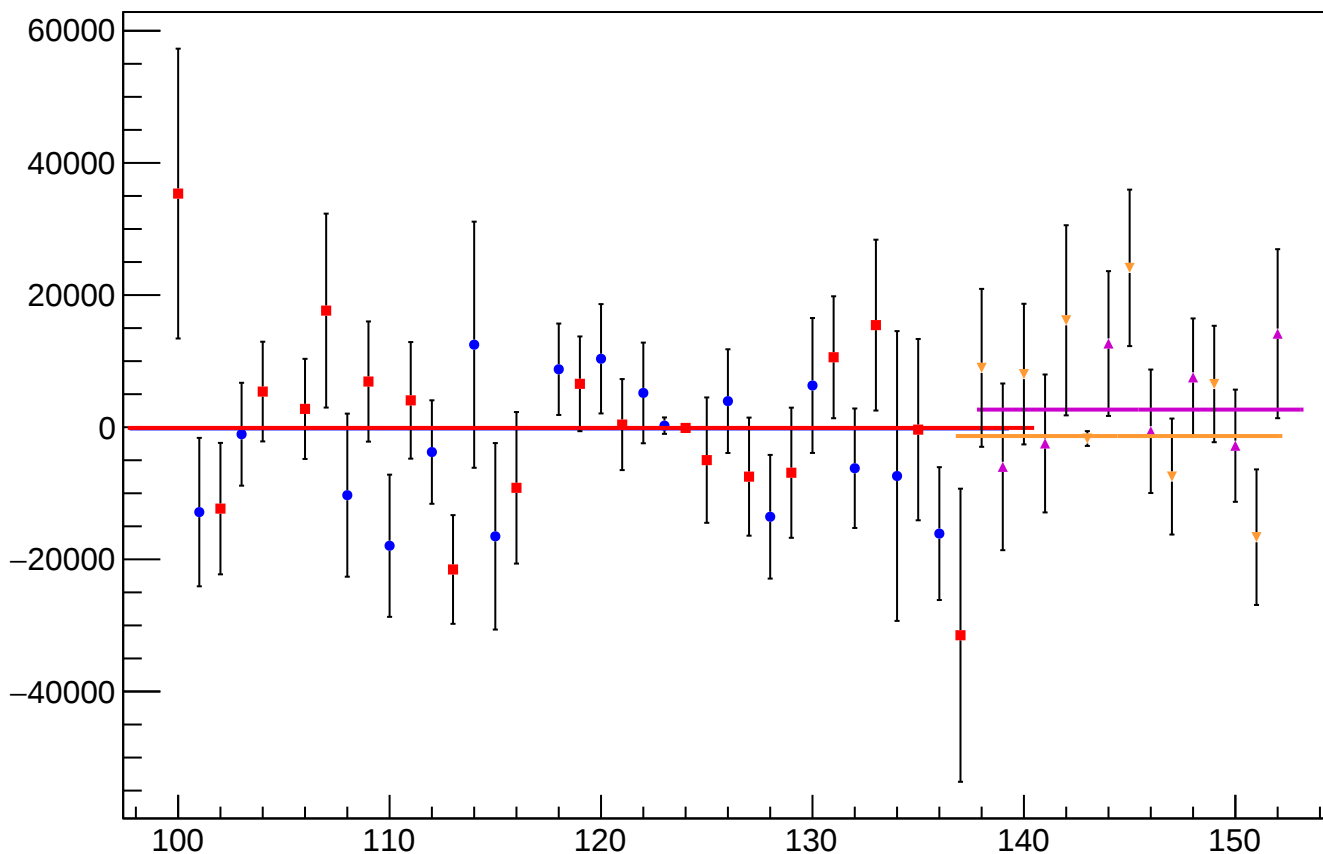
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2309.205+/-0.472 χ^2/NDF : 1019264.4/23

Out: 2375.421+/-0.486 χ^2/NDF : 1867318.9/26

All: 2341.394+/-0.339 χ^2/NDF : 2896131.2/50

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1338.053+/-1080.136 χ^2/NDF : 11.3/7

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 2663.616+/-3840.689 χ^2/NDF : 3.2/6

Left: -1044.748+/-1039.798 χ^2/NDF : 15.4/14

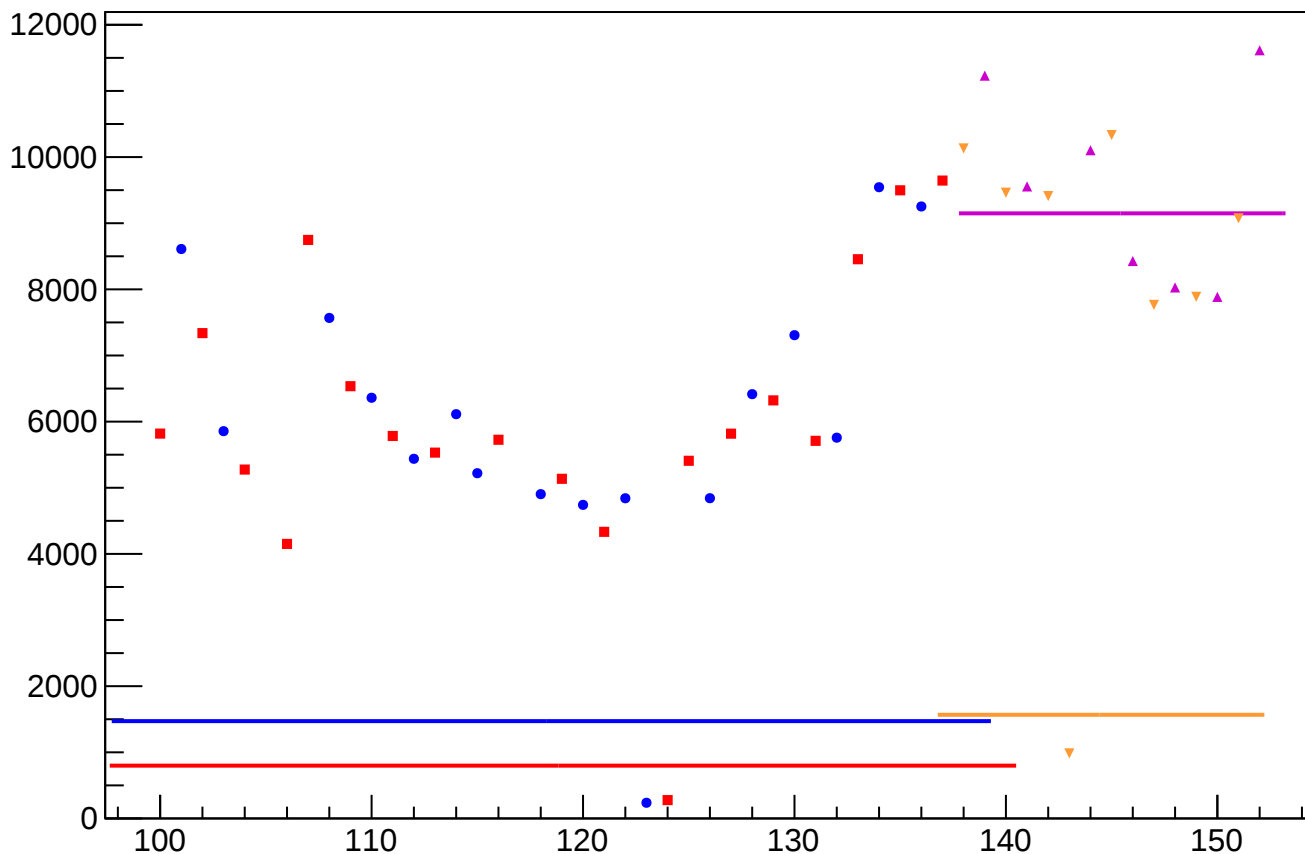
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 31.010+/-1058.175 χ^2/NDF : 20.1/23

Out: -464.051+/-581.862 χ^2/NDF : 33.7/26

All: -349.116+/-509.864 χ^2/NDF : 54.0/50

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 1567.437+/-0.764 χ^2/NDF : 7455284.3/7

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9149.016+/-2.716 χ^2/NDF : 234708.7/6

Left: 2123.135+/-0.735 χ^2/NDF : 14912236.1/14

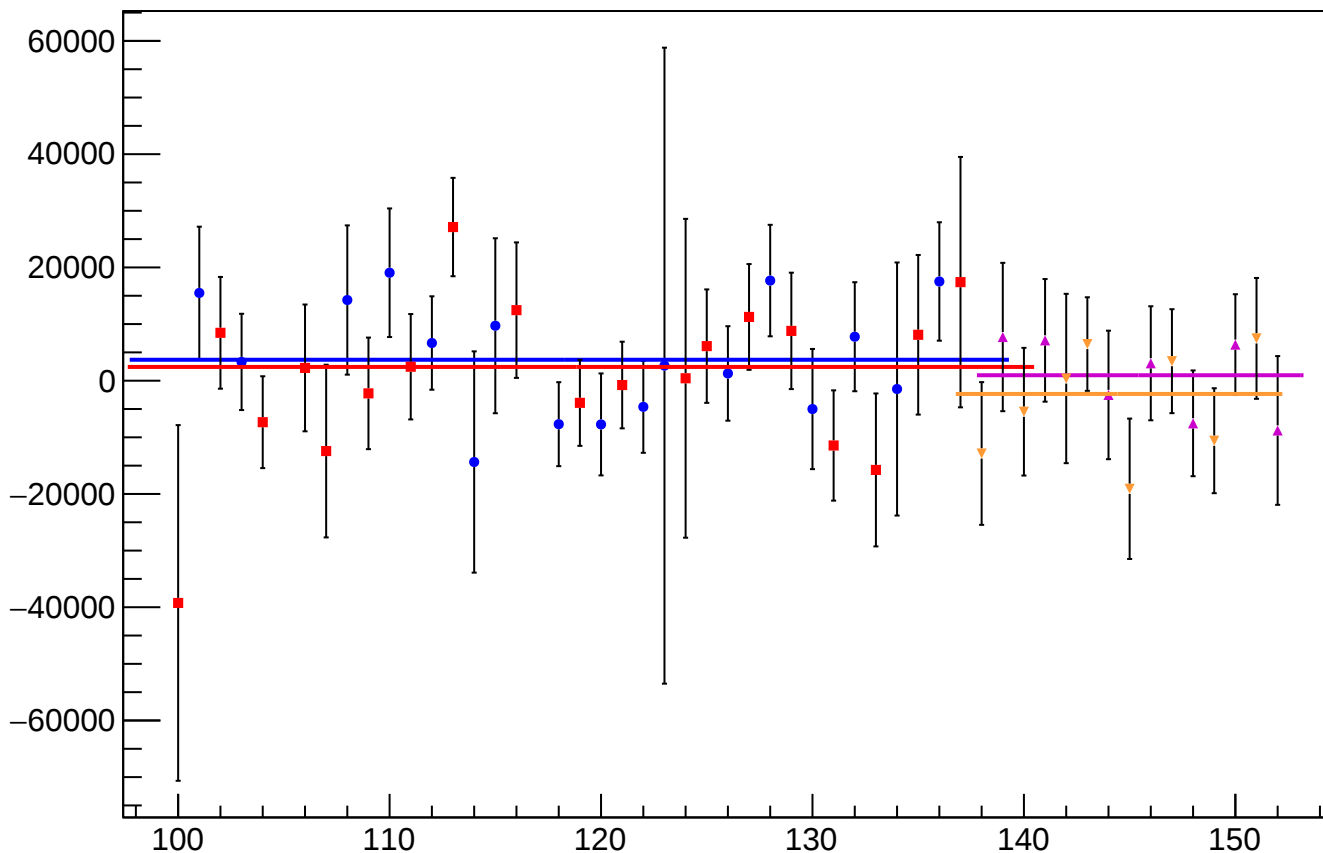
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 2054.398+/-0.748 χ^2/NDF : 17408045.8/23

Out: 1021.740+/-0.411 χ^2/NDF : 19701943.4/26

All: 1261.485+/-0.361 χ^2/NDF : 38572491.6/5

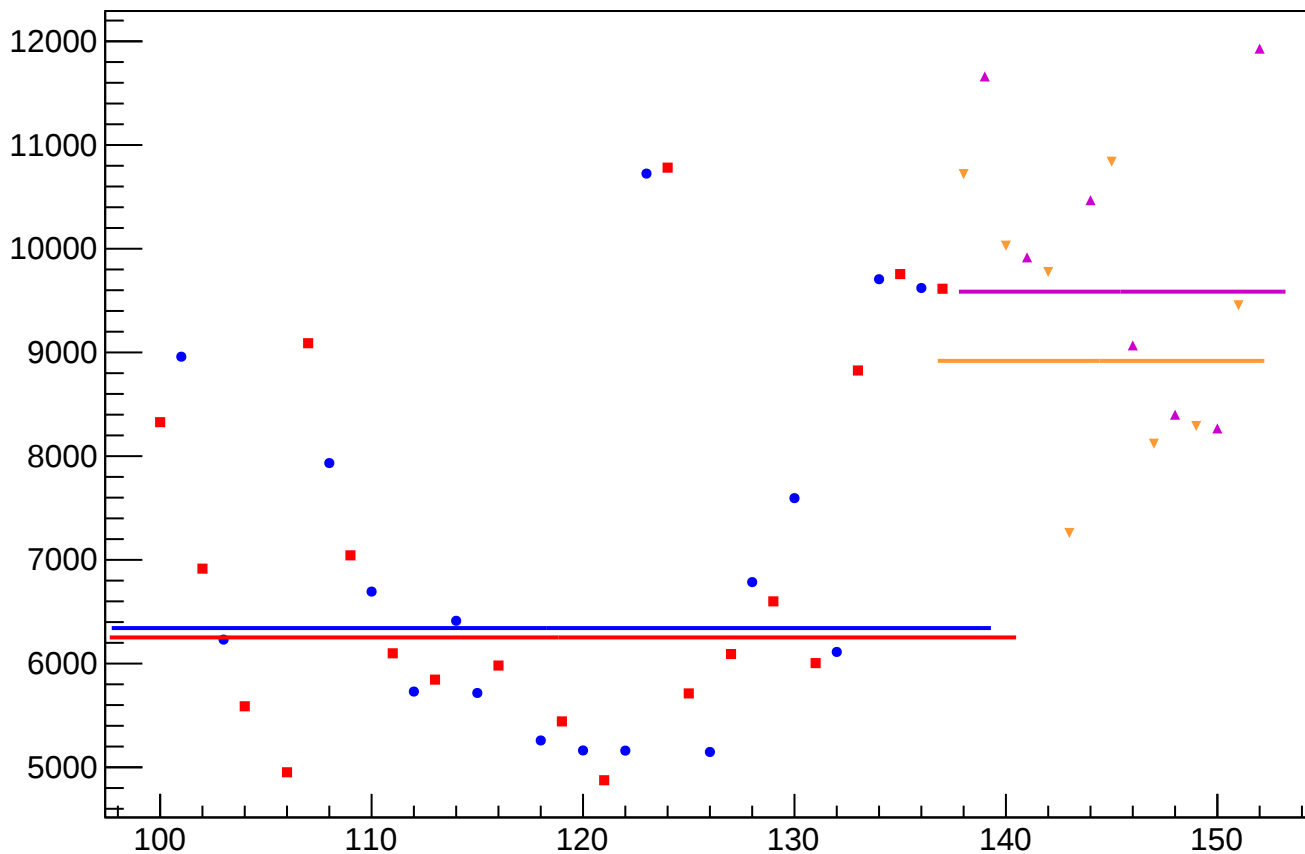
asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16
 Left Out: -2339.438+/-3724.332 χ^2/NDF : 5.8/7
 Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18
 Left In: 963.843+/-4019.888 χ^2/NDF : 2.5/6

Left: -813.683+/-2732.018 χ^2/NDF : 8.6/14
 Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35
 In: 2927.868+/-2133.899 χ^2/NDF : 17.2/23
 Out: 1013.084+/-2030.072 χ^2/NDF : 27.3/26
 All: 1922.762+/-1470.814 χ^2/NDF : 44.9/50

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 8918.866+/-2.634 χ^2/NDF : 224924.0/7

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 9585.997+/-2.842 χ^2/NDF : 209294.4/6

Left: 9227.008+/-1.932 χ^2/NDF : 463859.6/14

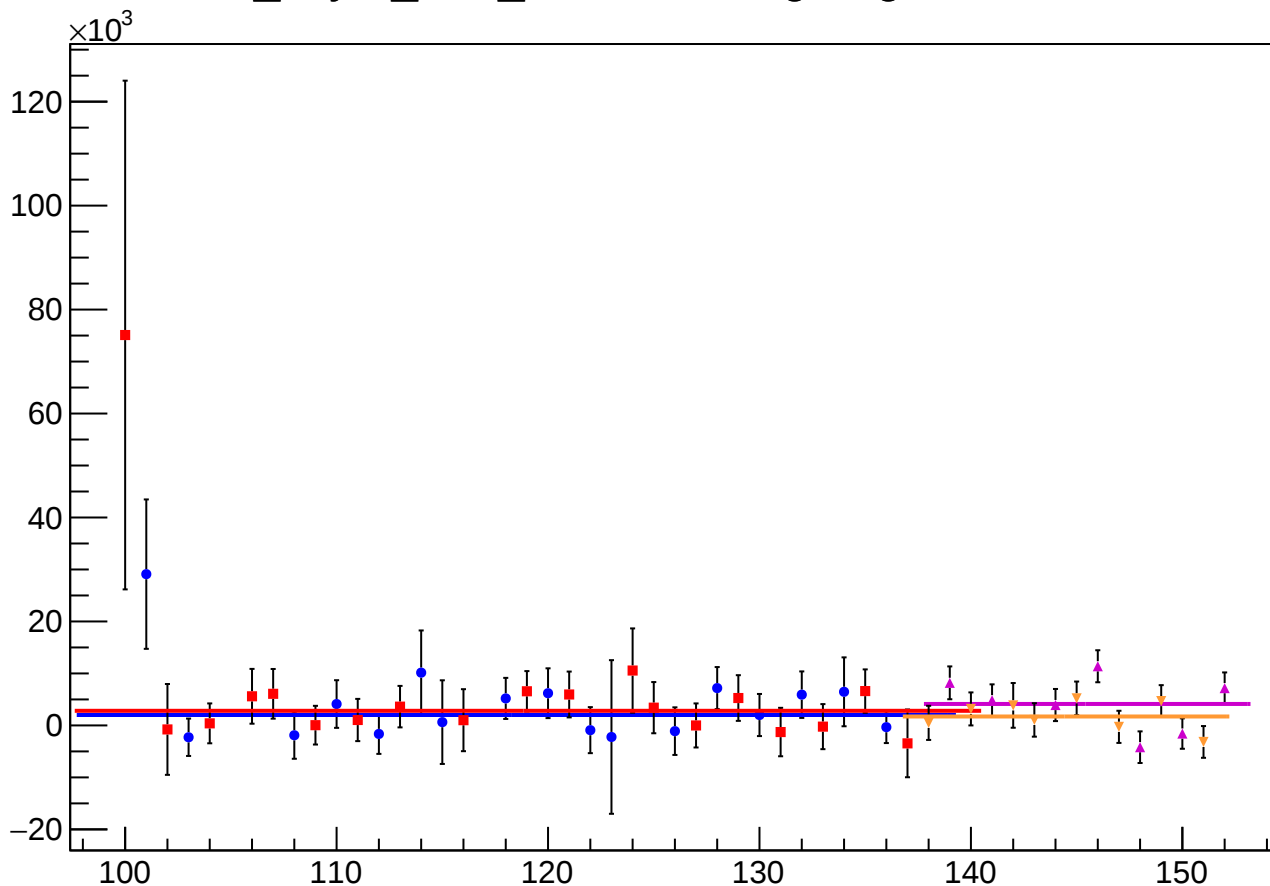
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7256.342+/-1.509 χ^2/NDF : 1738219.1/23

Out: 7044.414+/-1.435 χ^2/NDF : 1483708.2/26

All: 7145.094+/-1.040 χ^2/NDF : 3232282.7/50

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 1717.471 $\pm$ 1149.454 χ^2/NDF : 5.7/7

Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18

Left In: 4128.218 $\pm$ 1152.953 χ^2/NDF : 19.5/6

Left: 2919.180 $\pm$ 814.021 χ^2/NDF : 27.5/14

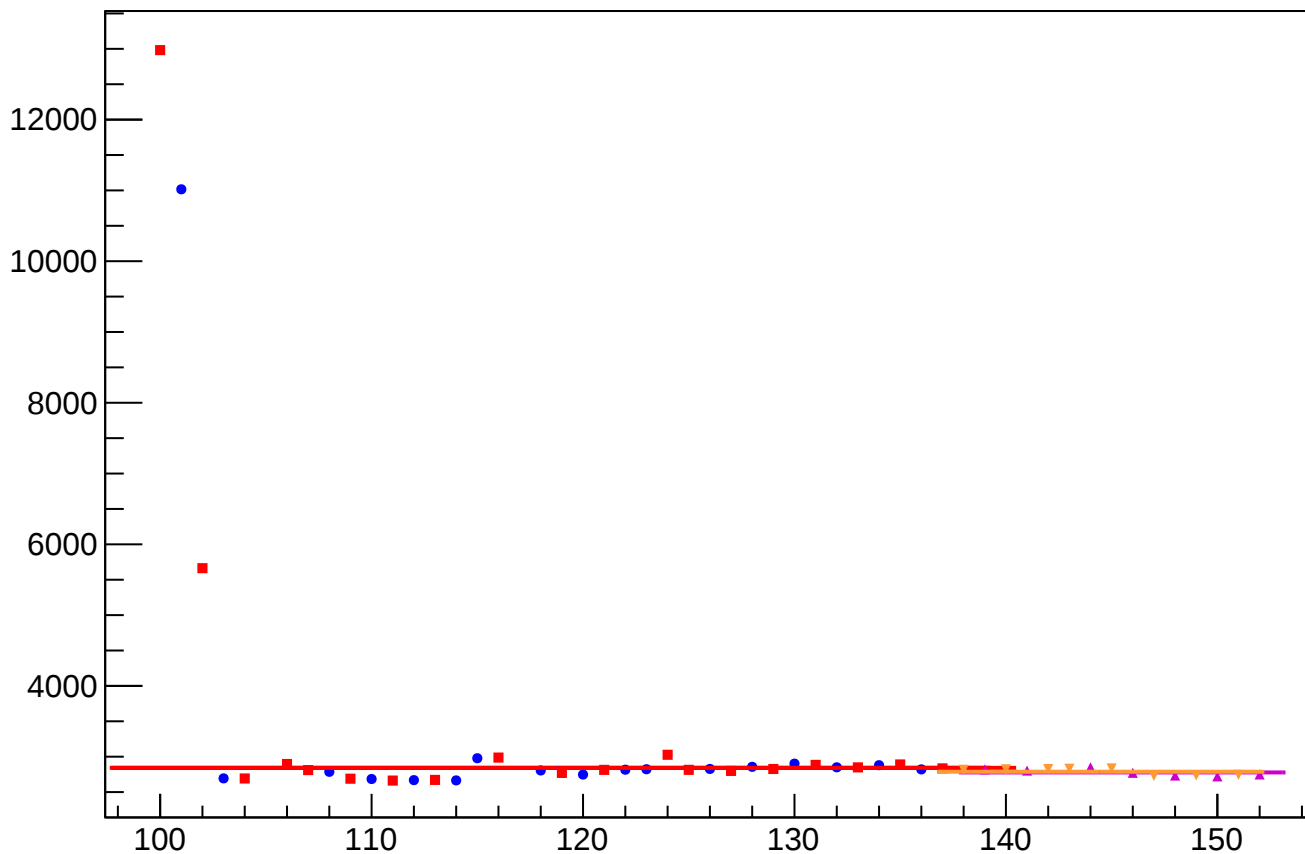
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 3040.755 $\pm$ 805.354 χ^2/NDF : 35.0/23

Out: 2295.348 $\pm$ 789.606 χ^2/NDF : 16.7/26

All: 2660.692 $\pm$ 563.821 χ^2/NDF : 52.1/50

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2787.630+/-0.813 χ^2/NDF :3035.9/7

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2777.475+/-0.815 χ^2/NDF :2981.3/6

Left: 2782.568+/-0.576 χ^2/NDF : 6094.9/14

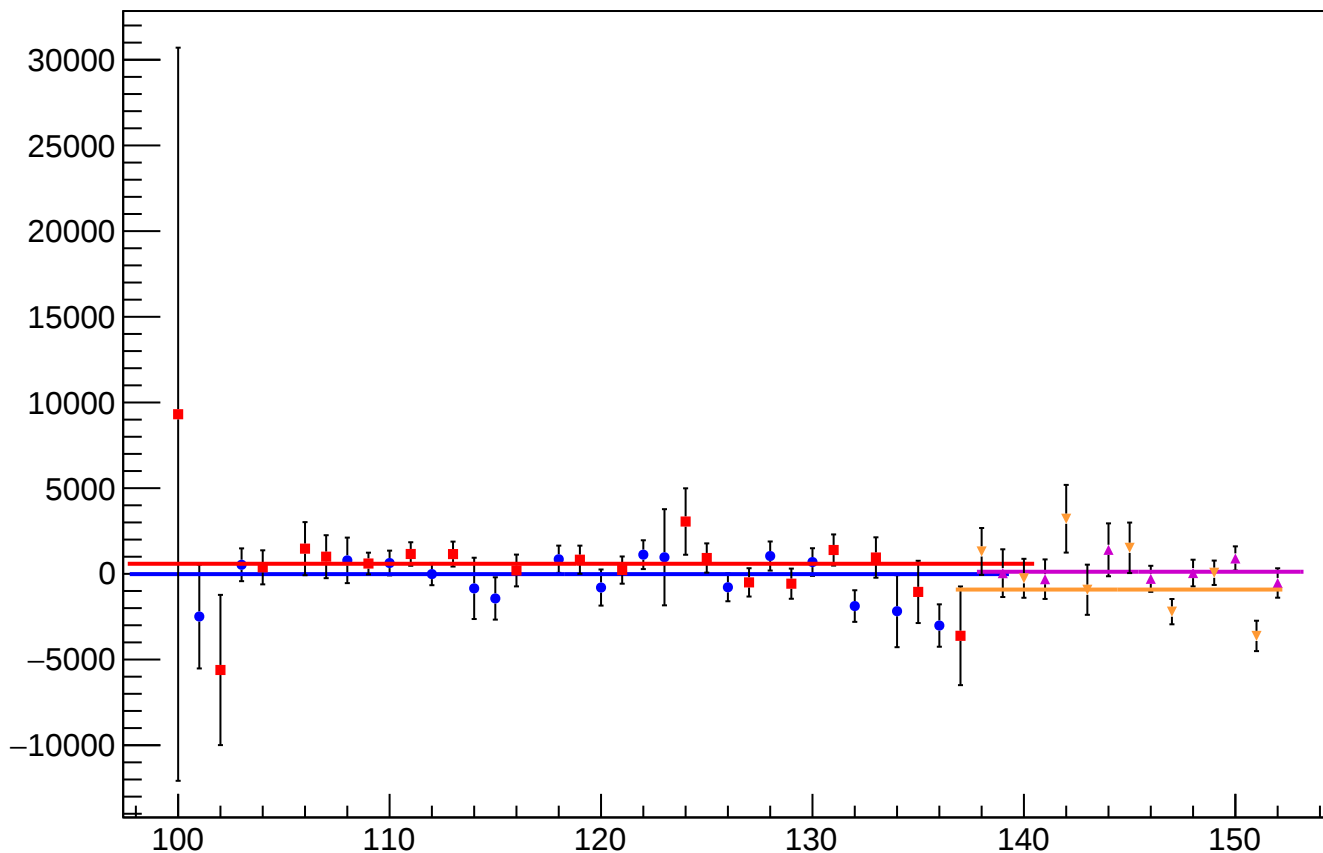
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2810.838+/-0.569 χ^2/NDF :666556.9/23

Out: 2816.576+/-0.558 χ^2/NDF :317773.0/26

All: 2813.764+/-0.399 χ^2/NDF : 984381.7/50

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2 /NDF: 21.6/16

Left Out: -916.389 $\pm$ 363.342 χ^2 /NDF:24.3/7

Right Out: 588.581 $\pm$ 225.799 χ^2 /NDF: 13.5/18

Left In: 122.366 $\pm$ 344.326 χ^2 /NDF:2.9/6

Left: -369.118 $\pm$ 249.928 χ^2 /NDF: 31.6/14

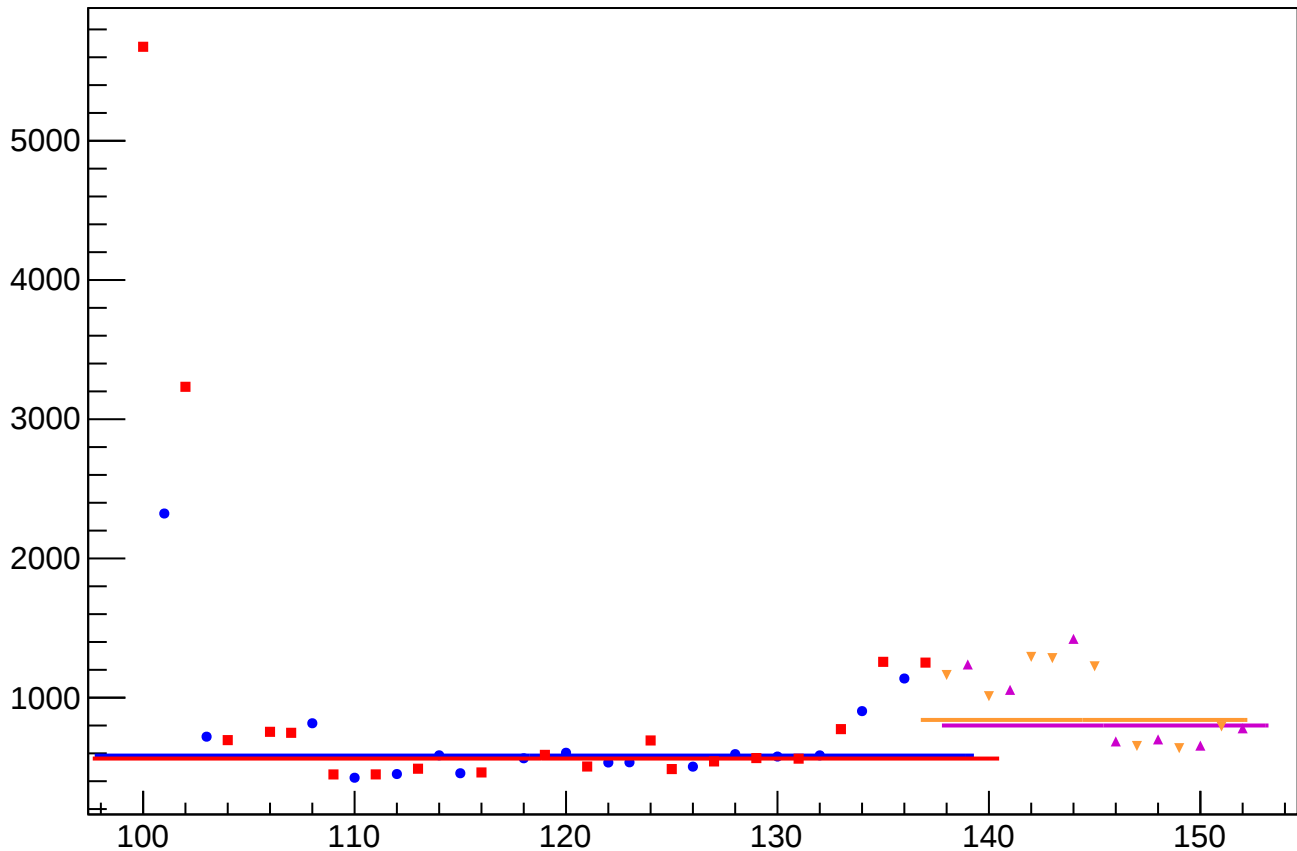
Right: 303.449 $\pm$ 164.088 χ^2 /NDF: 38.5/35

In: 29.203 $\pm$ 196.262 χ^2 /NDF:24.6/23

Out: 169.293 $\pm$ 191.782 χ^2 /NDF:50.2/26

All: 100.865 $\pm$ 137.167 χ^2 /NDF: 75.1/50

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 840.136+/-0.257 χ^2/NDF : 878619.4/7

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 800.123+/-0.243 χ^2/NDF : 785189.4/6

Left: 819.055+/-0.177 χ^2/NDF : 1676587.7/14

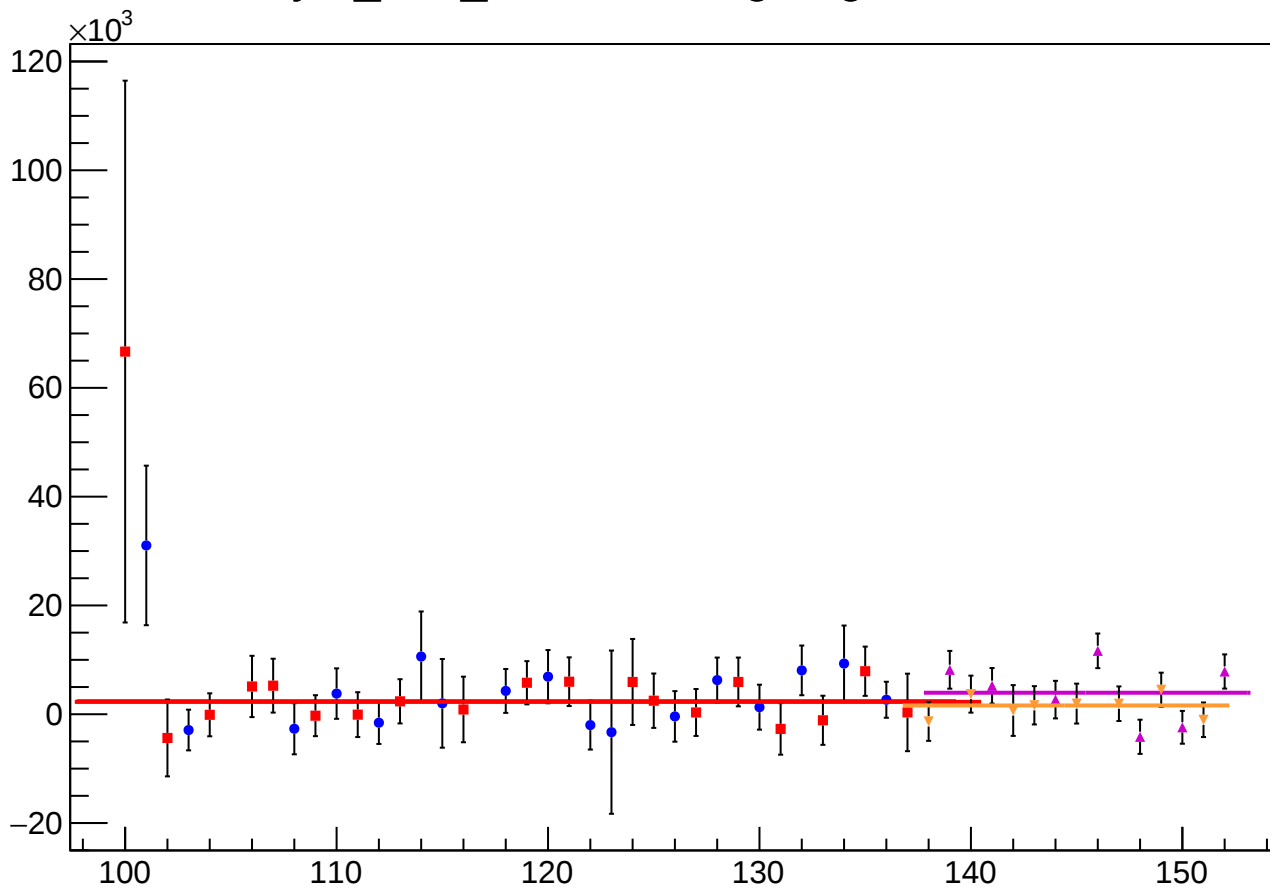
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 654.253+/-0.139 χ^2/NDF : 2753477.3/23

Out: 639.988+/-0.136 χ^2/NDF : 3359430.8/26

All: 646.956+/-0.097 χ^2/NDF : 6118312.4/50

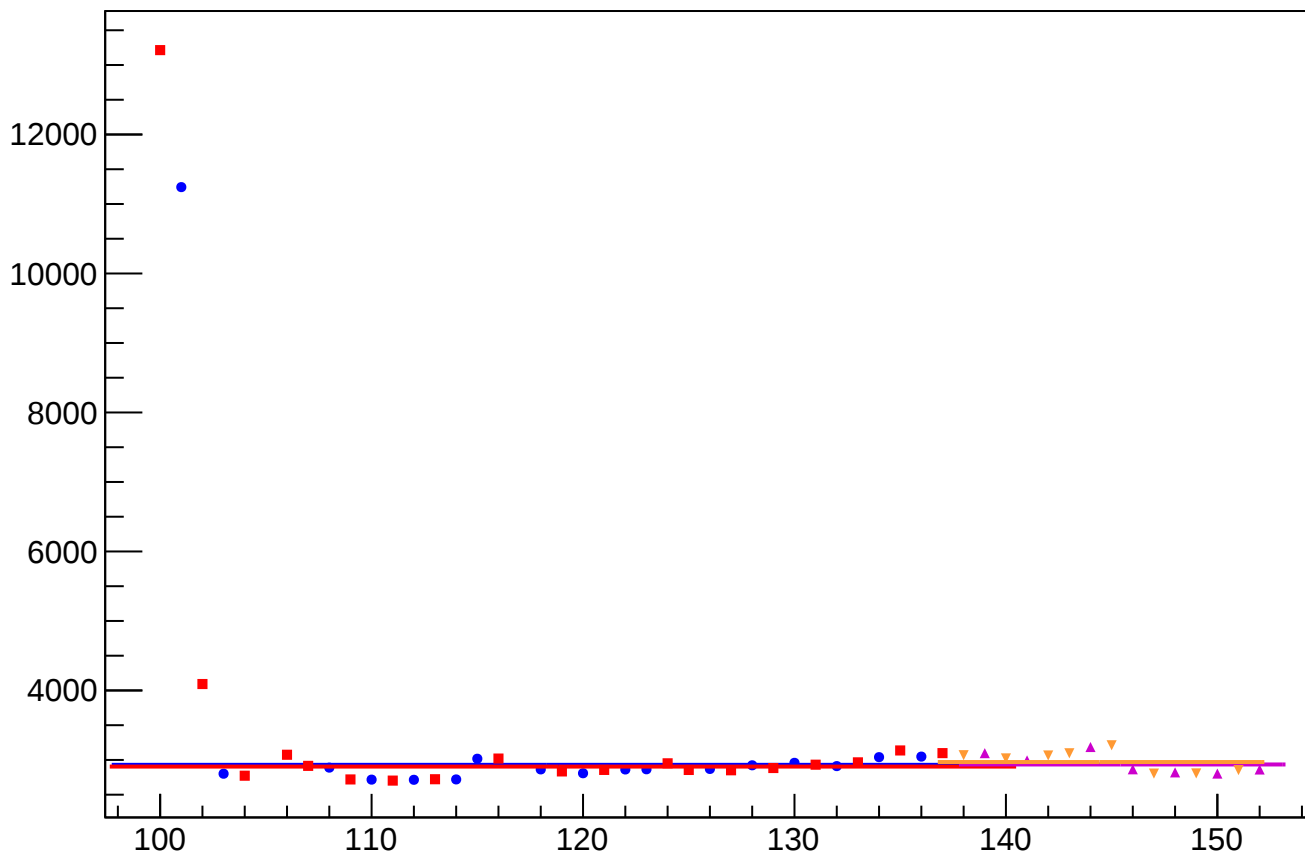
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16
 Left Out: 1612.698+/-1226.310 χ^2/NDF : 2.6/7
 Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18
 Left In: 3952.974+/-1219.501 χ^2/NDF : 20.3/6

Left: 2789.351+/-864.714 χ^2/NDF : 24.7/14
 Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35
 In: 3118.109+/-840.470 χ^2/NDF : 36.2/23
 Out: 1977.626+/-823.619 χ^2/NDF : 13.0/26
 All: 2536.320+/-588.254 χ^2/NDF : 50.2/50

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2970.065+/-0.867 χ^2/NDF : 27603.7/7

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2934.910+/-0.862 χ^2/NDF : 24027.5/6

Left: 2952.390+/-0.611 χ^2/NDF : 52457.6/14

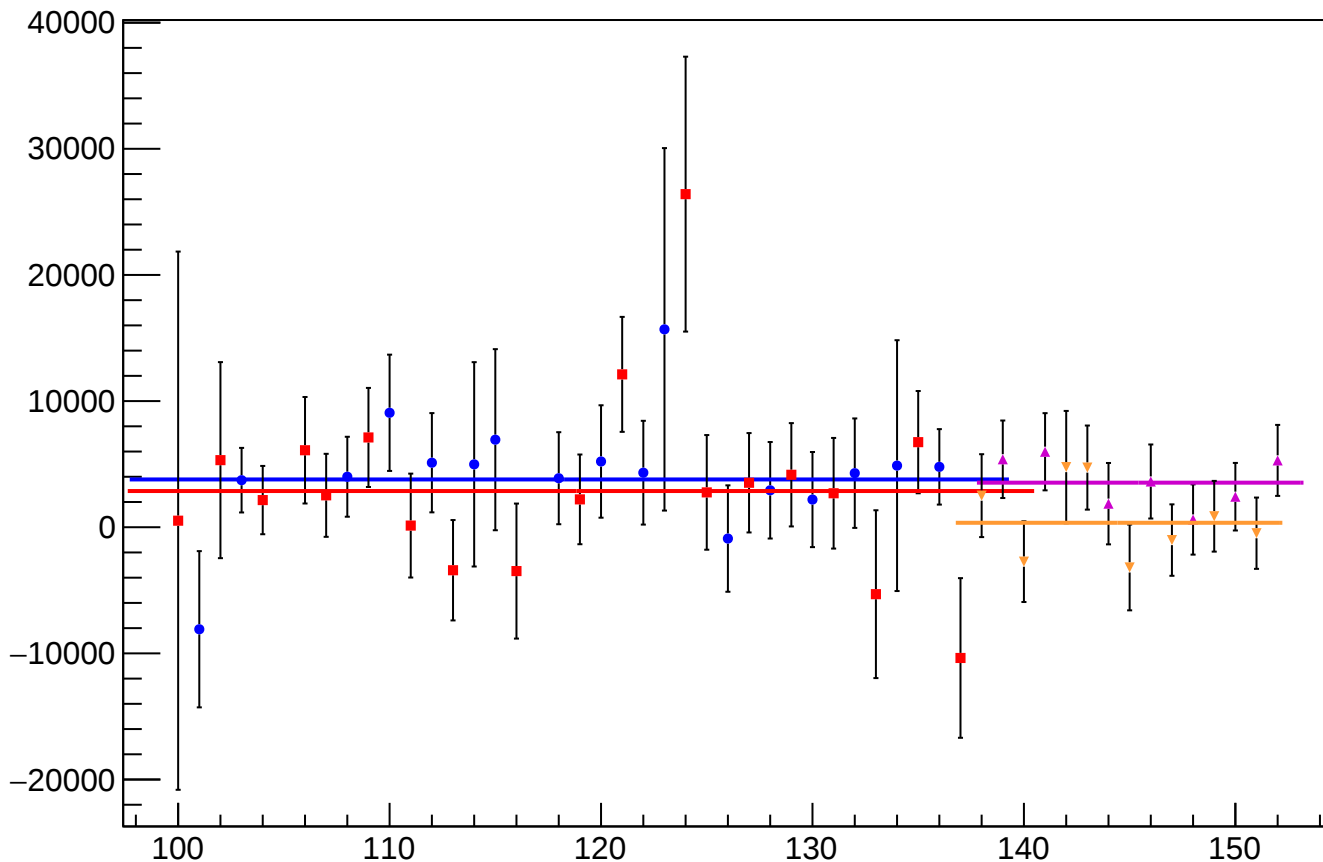
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2932.150+/-0.594 χ^2/NDF : 686676.0/23

Out: 2934.113+/-0.582 χ^2/NDF : 200023.9/26

All: 2933.152+/-0.416 χ^2/NDF : 886705.6/50

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 352.634 $\pm$ 1122.010 χ^2/NDF : 5.5/7

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3532.621 $\pm$ 1104.470 χ^2/NDF : 2.9/6

Left: 1967.678 $\pm$ 787.106 χ^2/NDF : 12.5/14

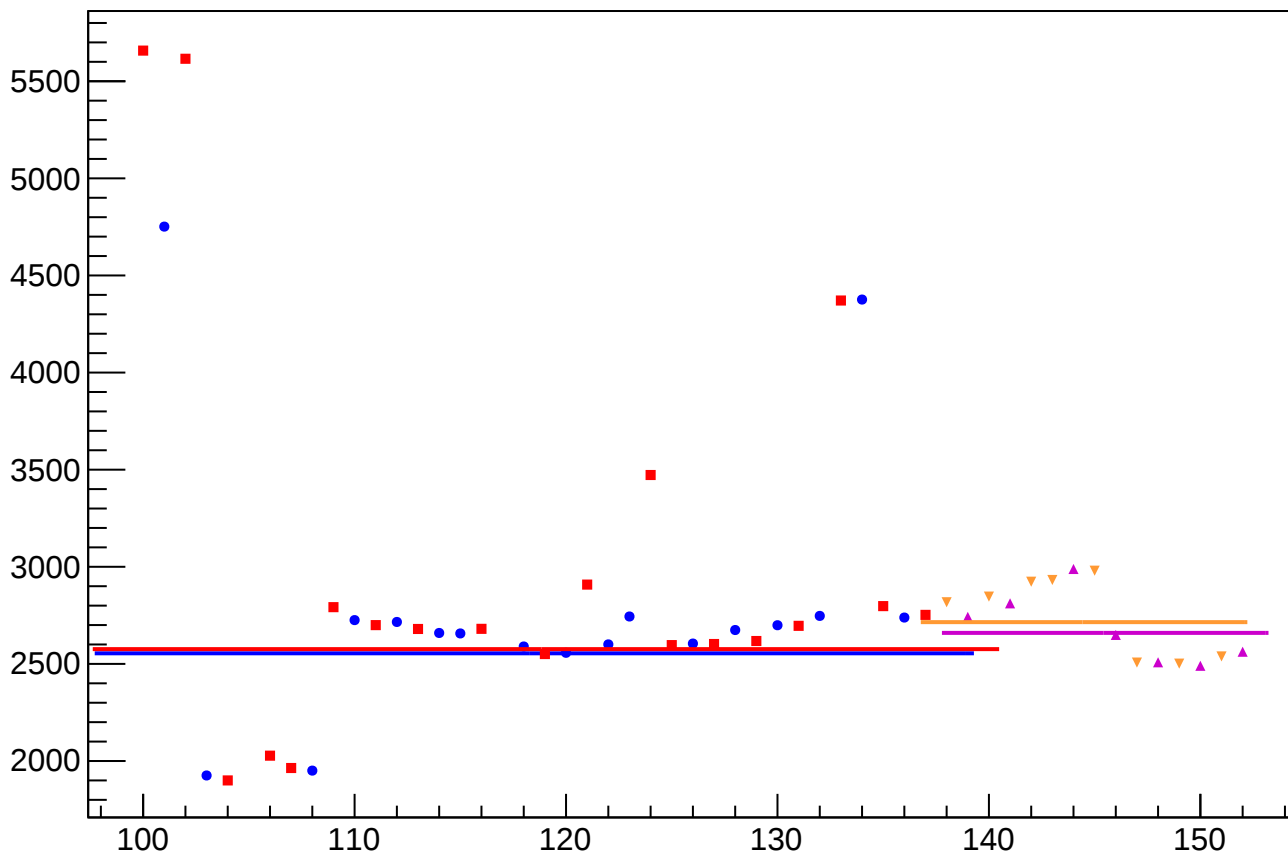
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3671.846 $\pm$ 744.586 χ^2/NDF : 10.7/23

Out: 1751.615 $\pm$ 747.763 χ^2/NDF : 30.3/26

All: 2715.818 $\pm$ 527.621 χ^2/NDF : 44.3/50

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2715.024 $\pm$ 0.793 χ^2 /NDF: 60528.6/7

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2659.686 $\pm$ 0.781 χ^2 /NDF: 43509.8/6

Left: 2686.919 $\pm$ 0.557 χ^2 /NDF: 106509.1/14

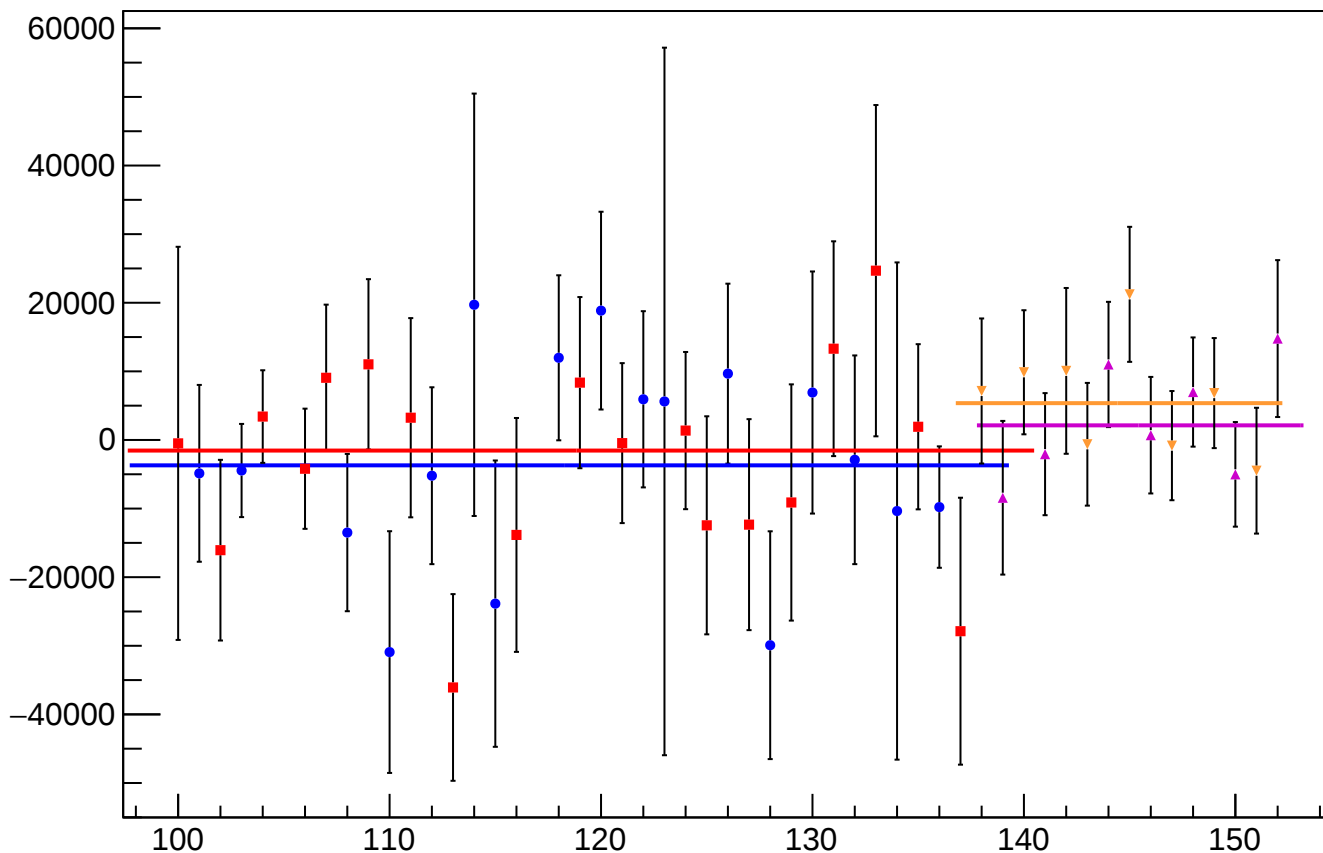
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2602.326 $\pm$ 0.527 χ^2 /NDF: 590024.5/23

Out: 2637.763 $\pm$ 0.529 χ^2 /NDF: 842739.8/26

All: 2619.973 $\pm$ 0.373 χ^2 /NDF: 1435020.3/50

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 5365.311+/-3260.215 χ^2/NDF : 5.3/7

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 2129.492+/-3388.338 χ^2/NDF : 4.6/6

Left: 3809.735+/-2349.309 χ^2/NDF : 10.3/14

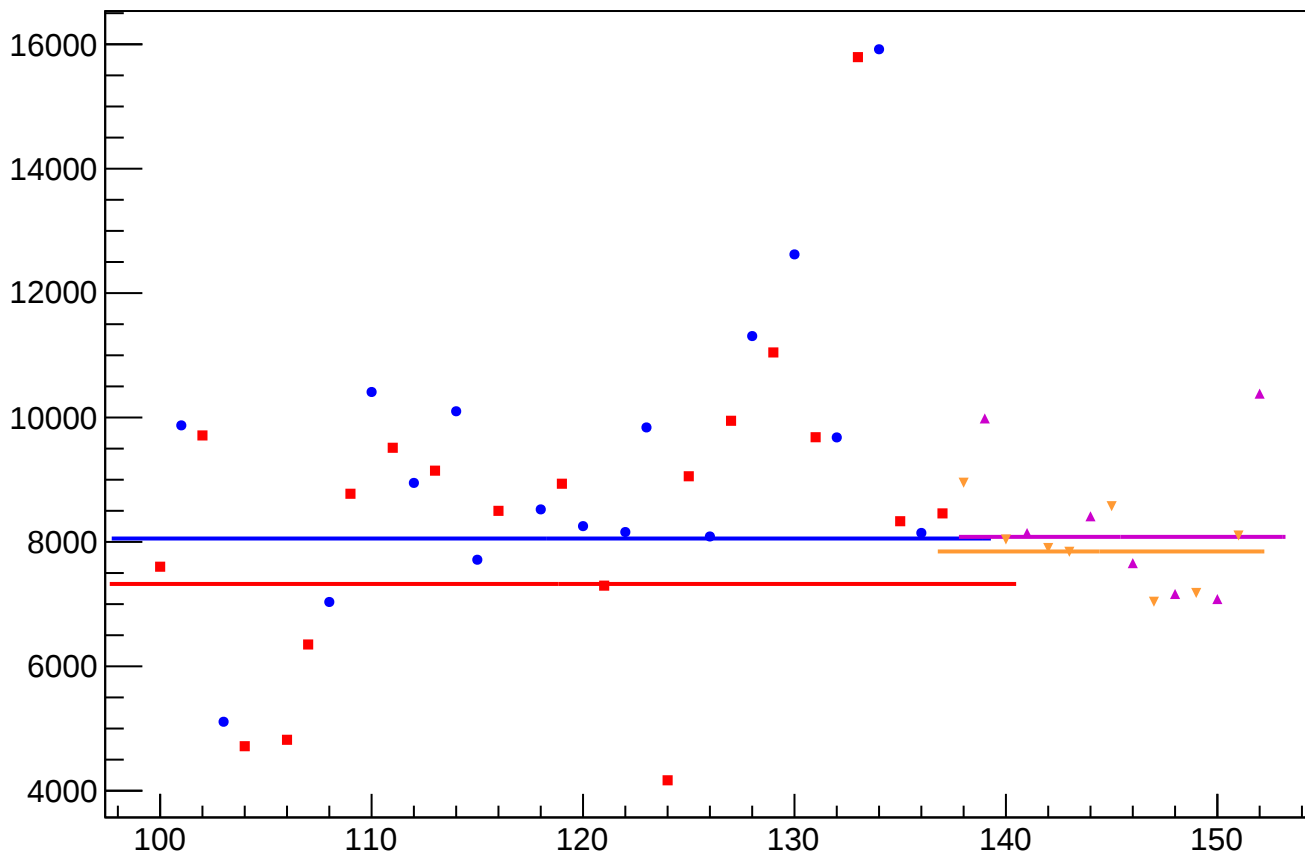
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -935.352+/-2333.305 χ^2/NDF : 19.9/23

Out: 1503.829+/-2165.501 χ^2/NDF : 24.6/26

All: 375.093+/-1587.251 χ^2/NDF : 45.1/50

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 7846.578+/-2.305 χ^2/NDF : 69770.6/7

Right Out: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 8081.241+/-2.396 χ^2/NDF : 207569.8/6

Left: 7959.389+/-1.661 χ^2/NDF : 282321.6/14

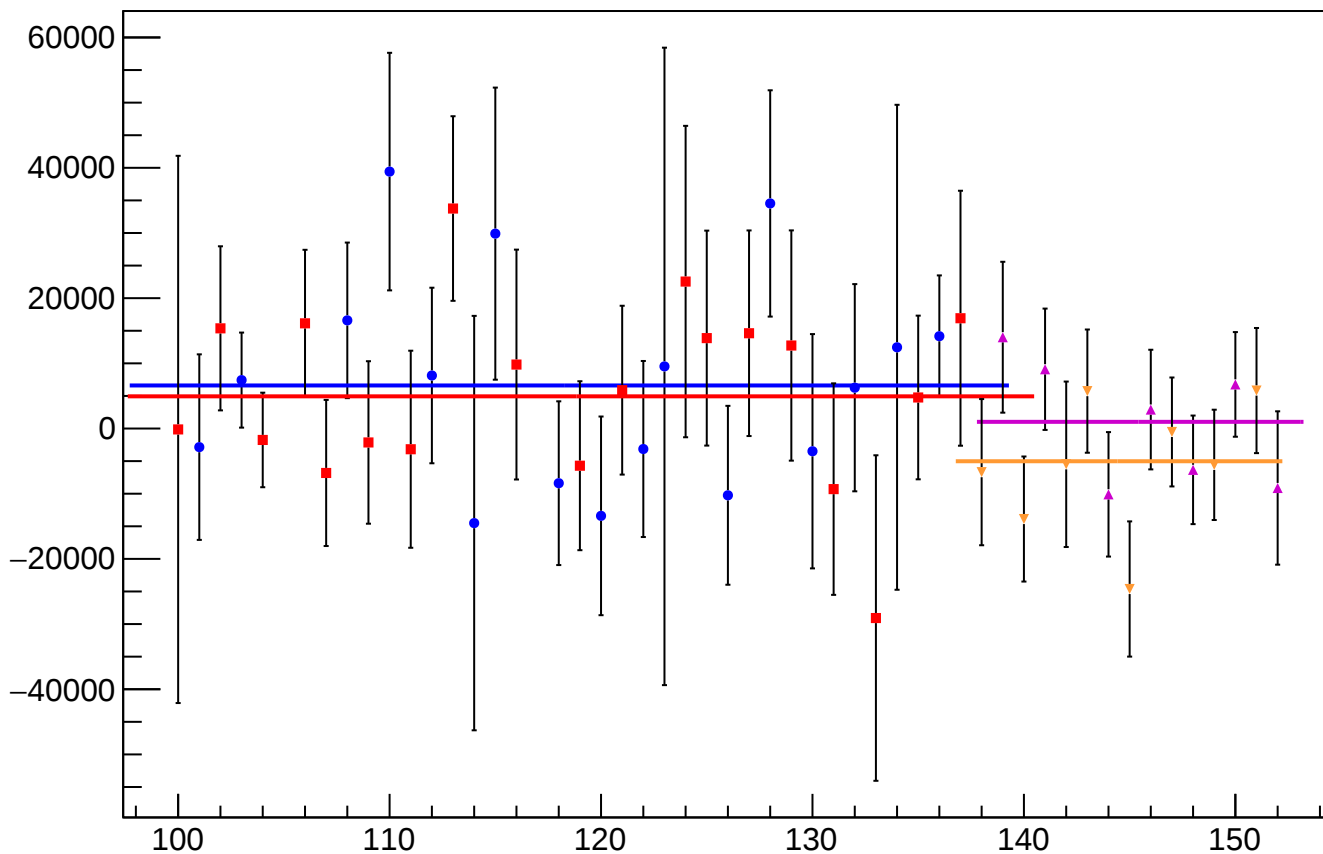
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8067.324+/-1.650 χ^2/NDF : 1028397.3/23

Out: 7554.718+/-1.531 χ^2/NDF : 1434599.1/26

All: 7791.928+/-1.122 χ^2/NDF : 2514855.9/50

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -5020.065+/-3437.175 χ^2/NDF : 7.3/7

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1026.362+/-3557.844 χ^2/NDF : 5.4/6

Left: -2101.126+/-2472.009 χ^2/NDF : 14.3/14

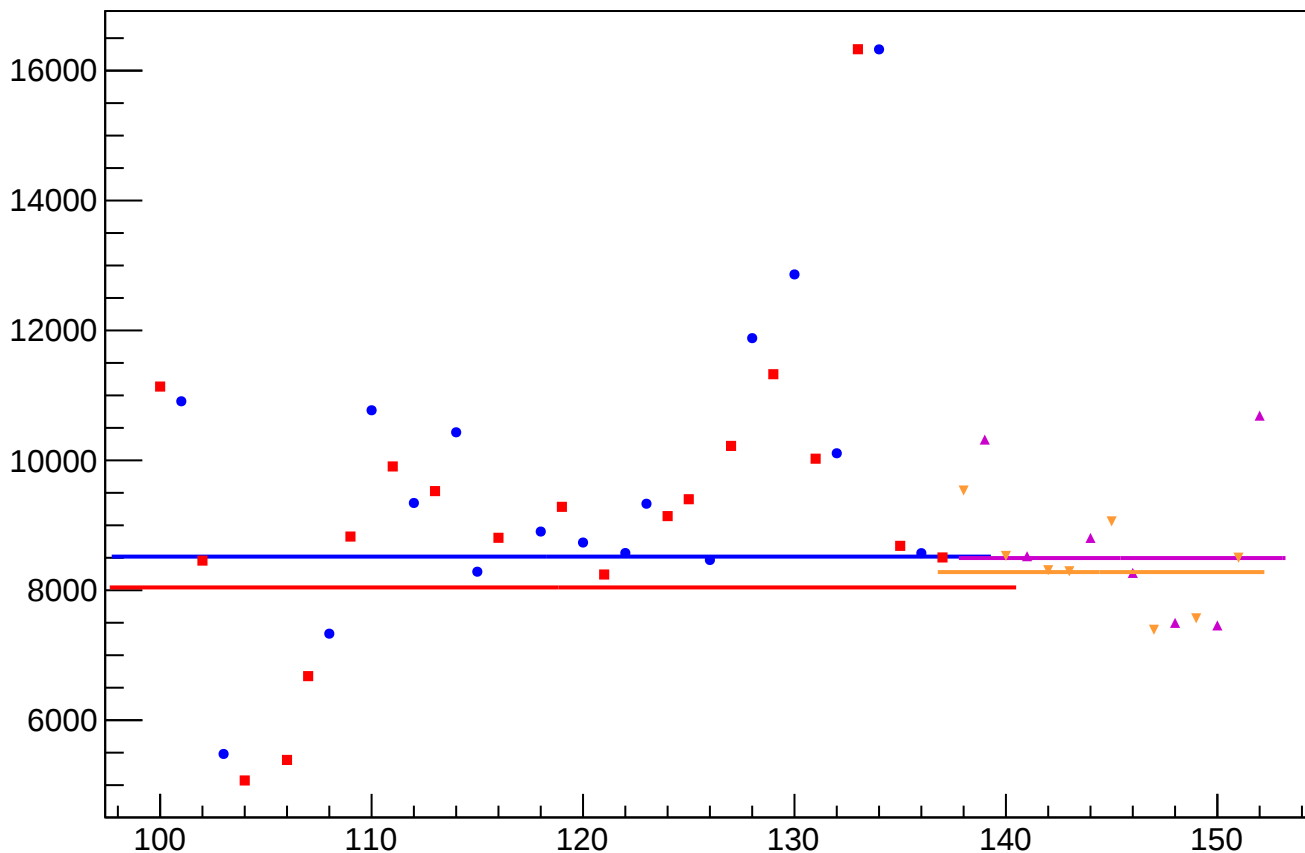
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3946.777+/-2456.508 χ^2/NDF : 21.4/23

Out: 364.801+/-2329.394 χ^2/NDF : 25.4/26

All: 2060.718+/-1690.282 χ^2/NDF : 48.0/50

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8280.140+/-2.430 χ^2/NDF : 75539.2/7

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8496.050+/-2.516 χ^2/NDF : 184567.8/6

Left: 8384.371+/-1.748 χ^2/NDF : 263916.7/14

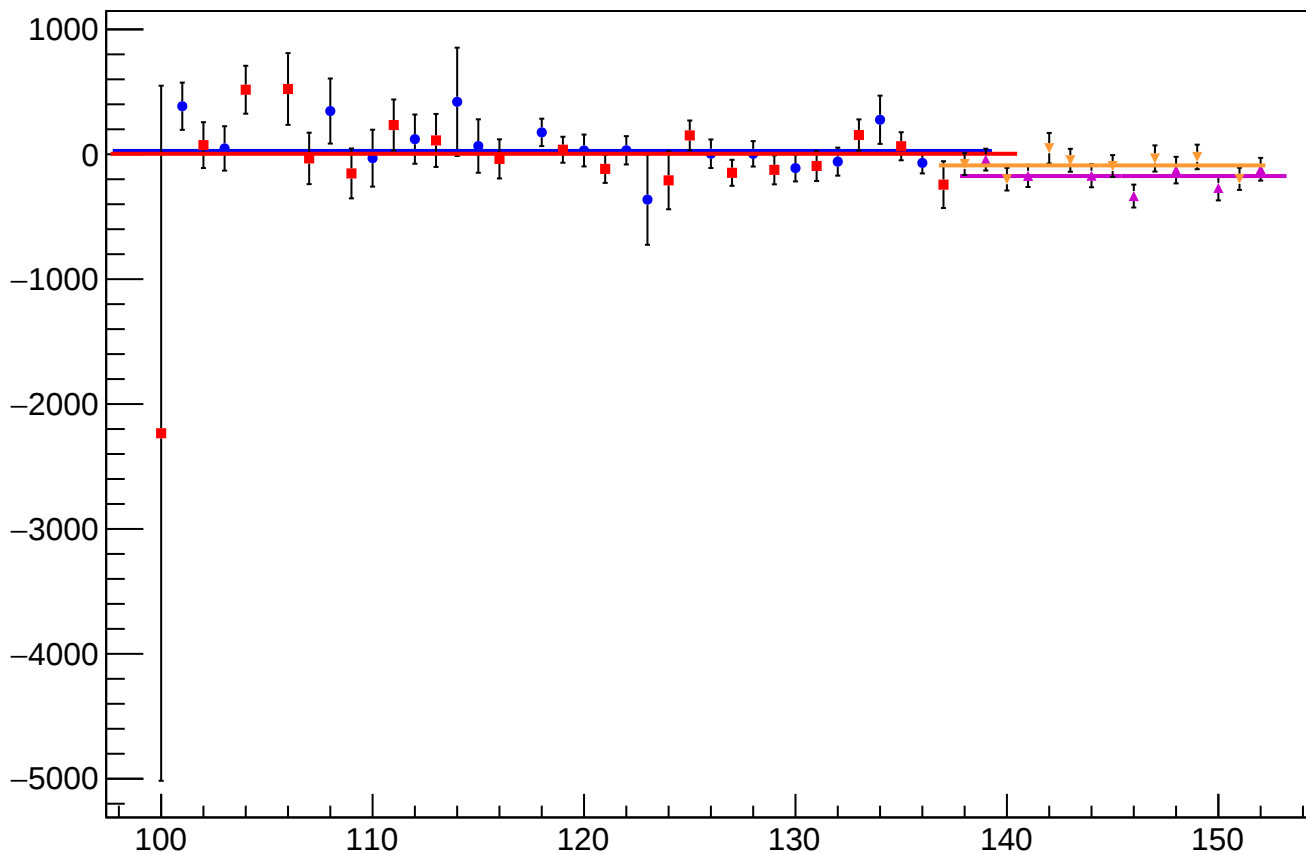
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8507.679+/-1.737 χ^2/NDF : 956603.6/23

Out: 8152.318+/-1.647 χ^2/NDF : 1034227.2/26

All: 8320.563+/-1.195 χ^2/NDF : 2012868.9/50

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -89.109 ± 33.527 χ^2/NDF : 5.2/7

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -174.364 ± 35.302 χ^2/NDF : 6.8/6

Left: -129.540 ± 24.310 χ^2/NDF : 15.0/14

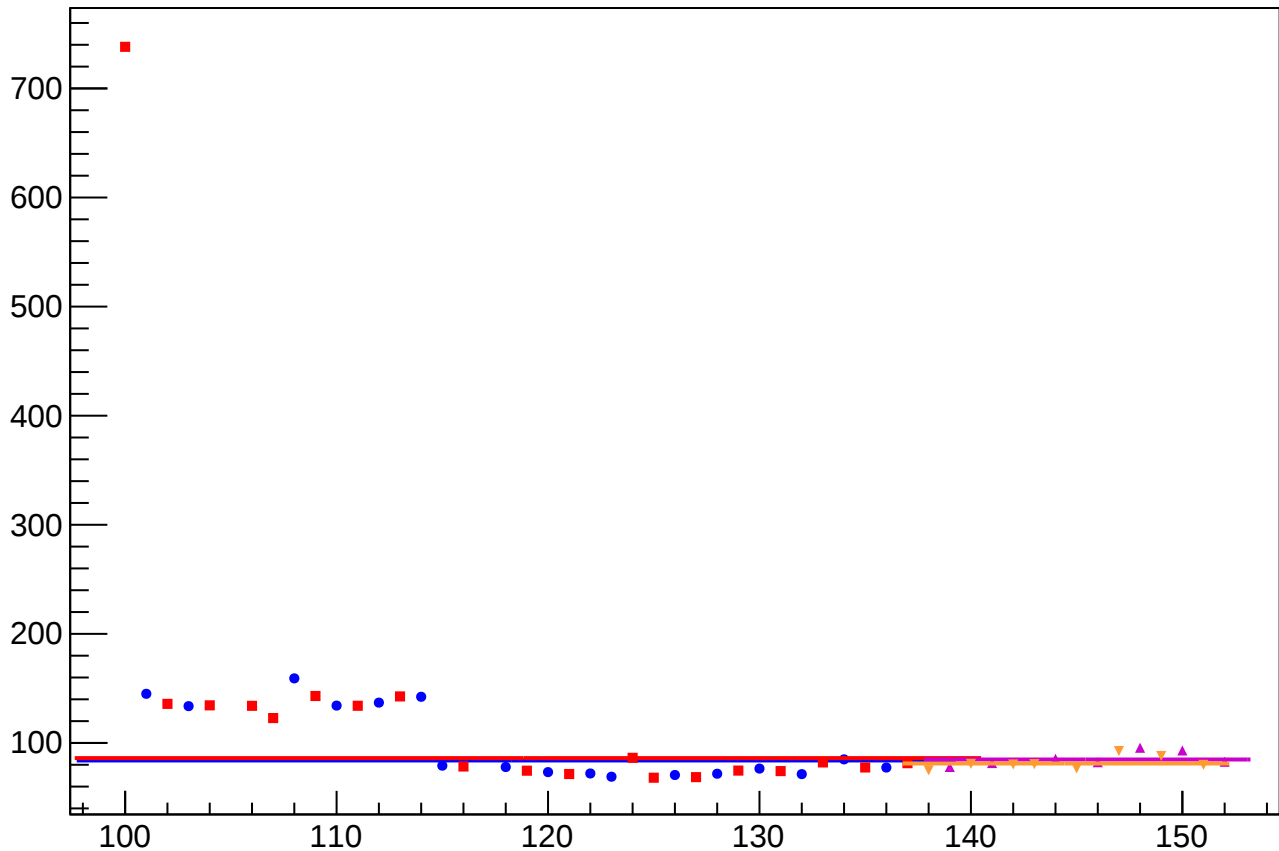
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -68.941 ± 24.348 χ^2/NDF : 38.3/23

Out: -42.983 ± 23.817 χ^2/NDF : 33.6/26

All: -55.675 ± 17.026 χ^2/NDF : 72.5/50

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.179 $\pm$ 0.024 χ^2 /NDF: 49859.8/7

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 84.833 $\pm$ 0.025 χ^2 /NDF: 51798.3/6

Left: 82.912 $\pm$ 0.017 χ^2 /NDF: 112920.9/14

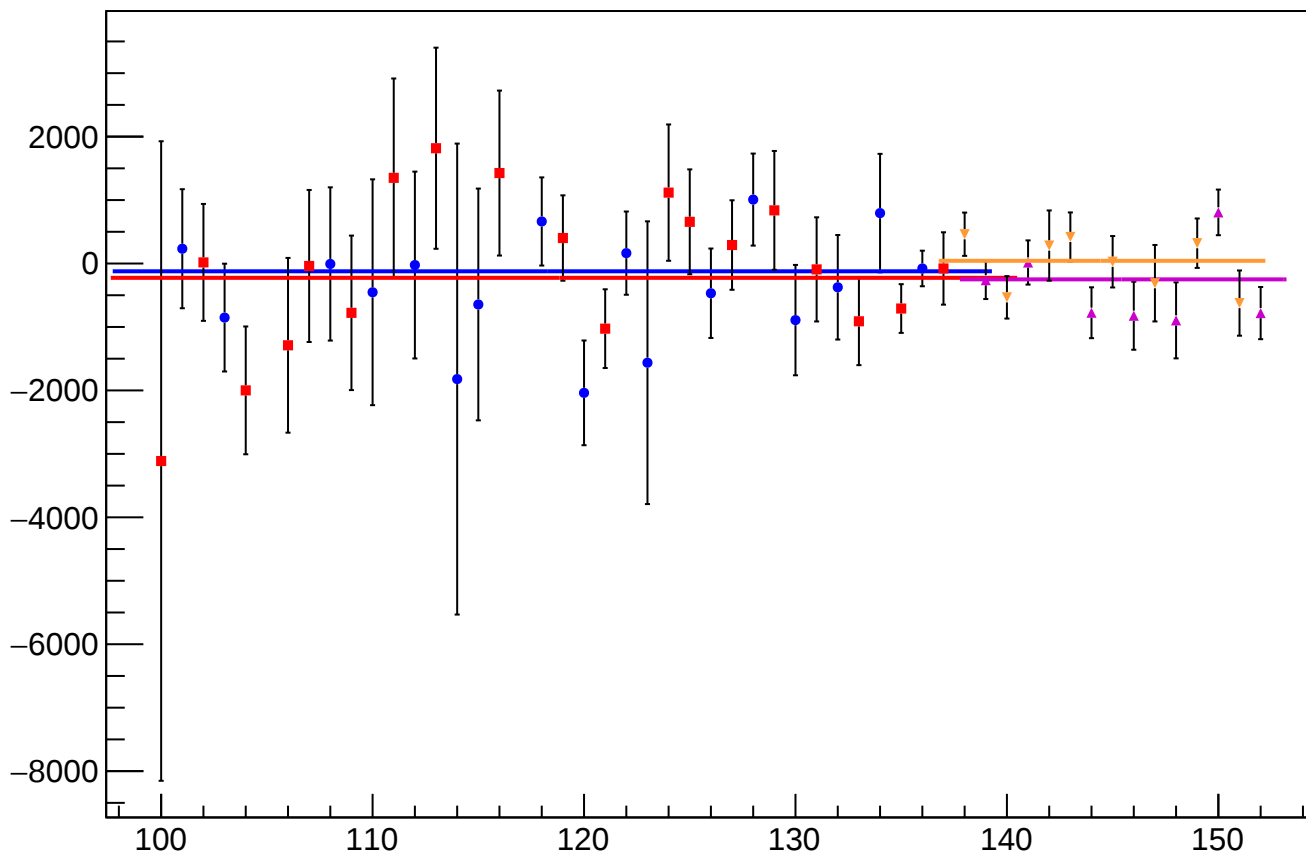
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 84.375 $\pm$ 0.017 χ^2 /NDF: 1012691.7/23

Out: 83.621 $\pm$ 0.017 χ^2 /NDF: 1207504.0/26

All: 83.990 $\pm$ 0.012 χ^2 /NDF: 2221177.0/50

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: 42.851+/-146.309 χ^2/NDF : 8.1/7

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -249.928+/-147.964 χ^2/NDF : 14.9/6

Left: -101.892+/-104.037 χ^2/NDF : 25.0/14

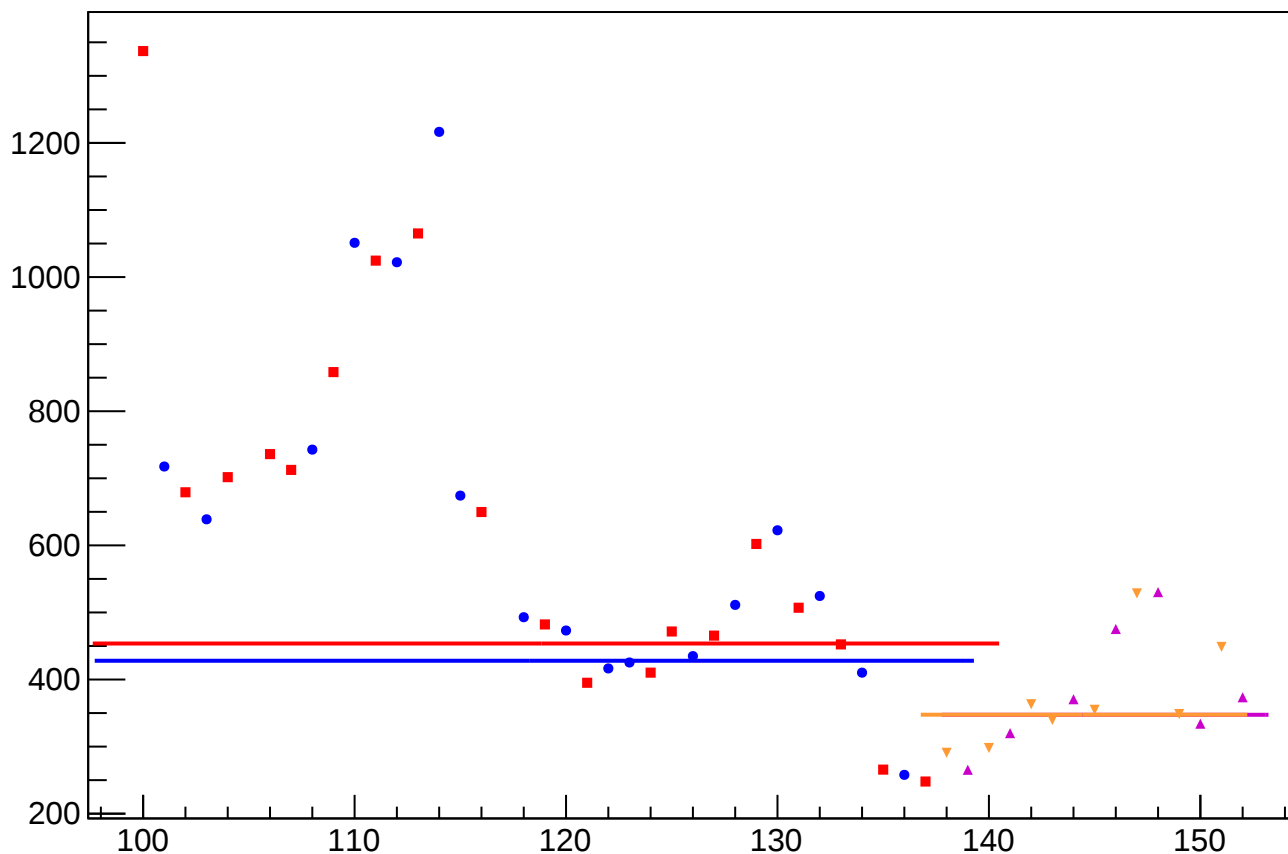
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -198.366+/-114.197 χ^2/NDF : 28.2/23

Out: -60.395+/-114.752 χ^2/NDF : 27.8/26

All: -129.715+/-80.945 χ^2/NDF : 56.7/50

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 347.550+/-0.103 χ^2/NDF : 360079.9/7

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 347.421+/-0.105 χ^2/NDF : 481964.8/6

Left: 347.486+/-0.074 χ^2/NDF : 842045.4/14

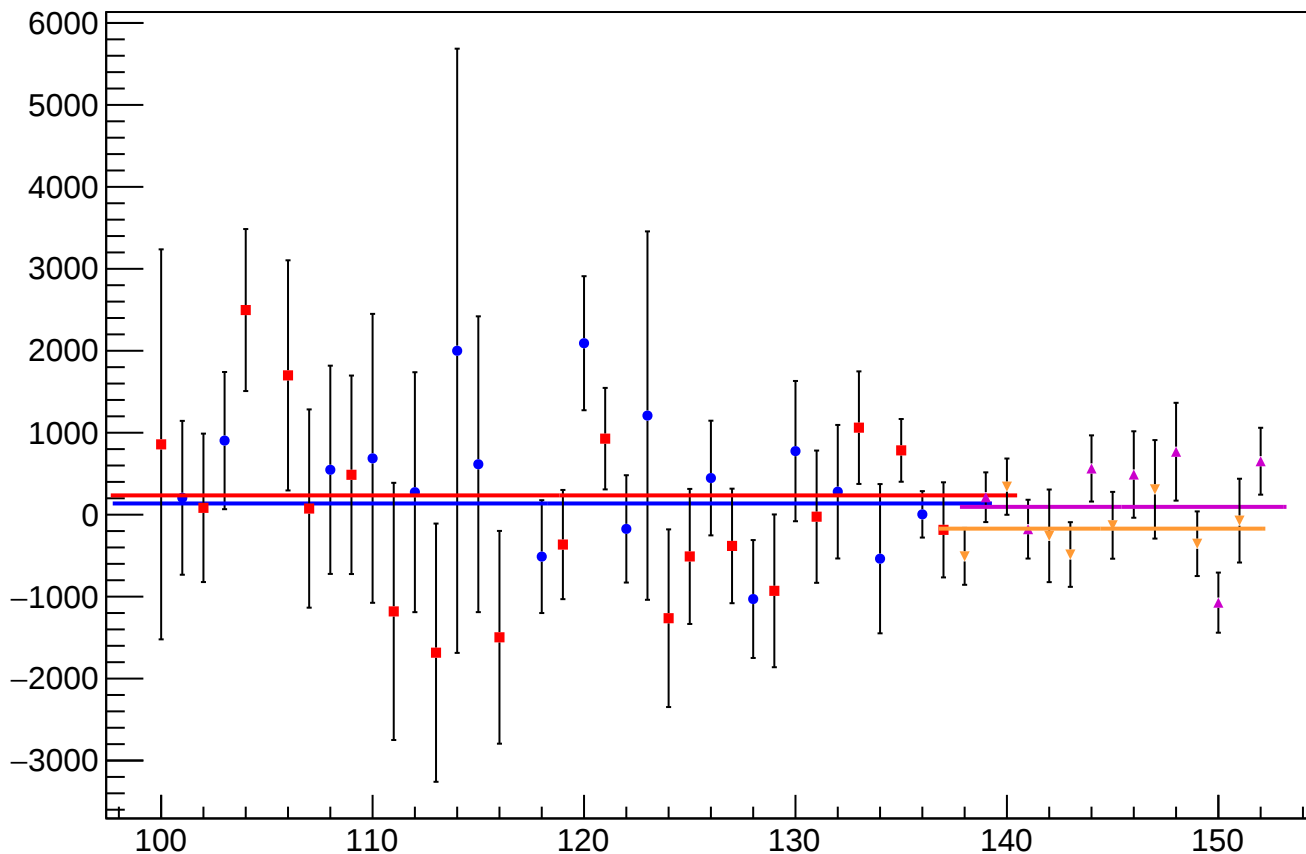
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 379.997+/-0.081 χ^2/NDF : 2783962.0/23

Out: 388.402+/-0.081 χ^2/NDF : 2899780.7/26

All: 384.179+/-0.057 χ^2/NDF : 5689133.6/50

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -170.380 $\pm$ 148.440 χ^2 /NDF:4.7/7

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: 95.354 $\pm$ 149.735 χ^2 /NDF:15.9/6

Left: -38.667 $\pm$ 105.418 χ^2 /NDF: 22.3/14

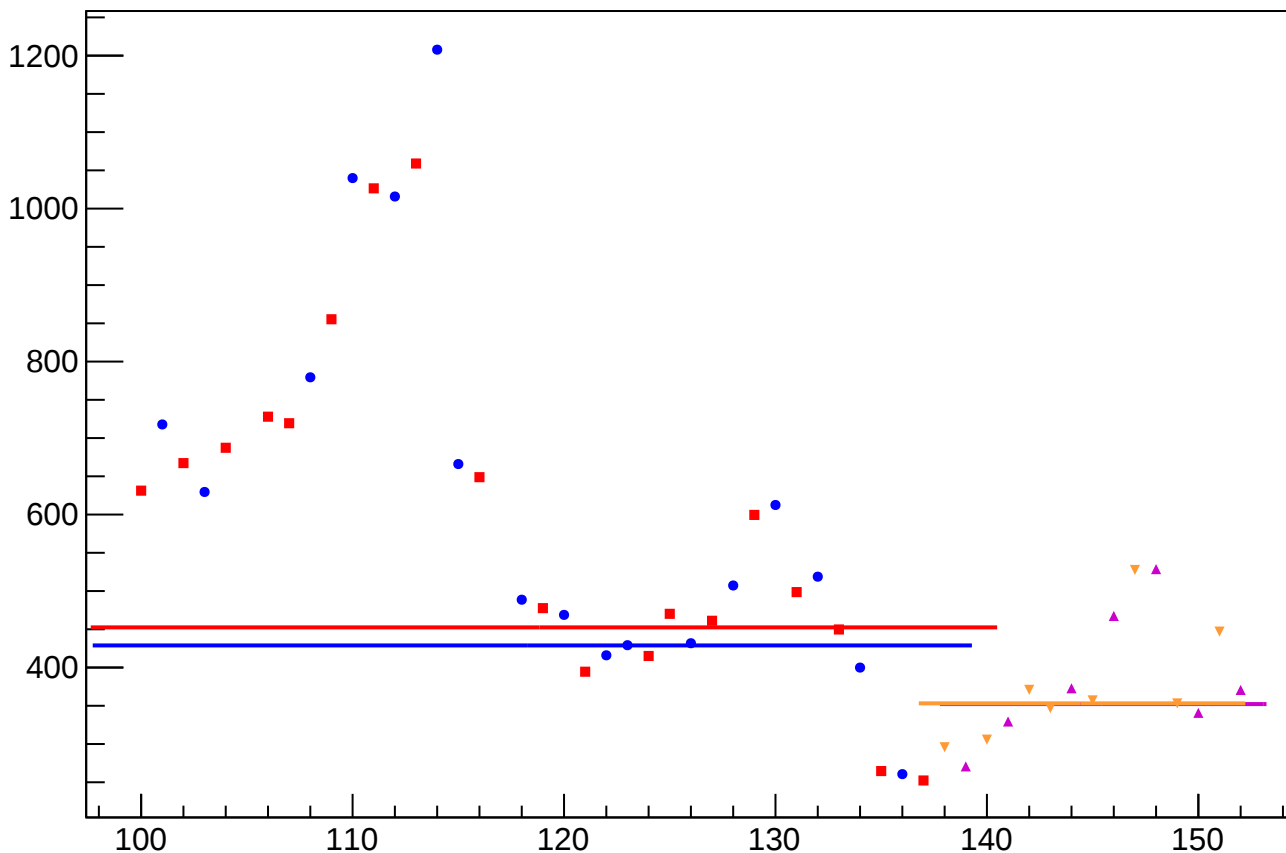
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 112.353 $\pm$ 115.010 χ^2 /NDF:28.6/23

Out: -10.457 $\pm$ 115.538 χ^2 /NDF:29.5/26

All: 51.228 $\pm$ 81.510 χ^2 /NDF: 58.7/50

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 353.167 $\pm$ 0.105 χ^2 /NDF:331400.2/7

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 352.227 $\pm$ 0.106 χ^2 /NDF:433747.2/6

Left: 352.701 $\pm$ 0.075 χ^2 /NDF: 765187.2/14

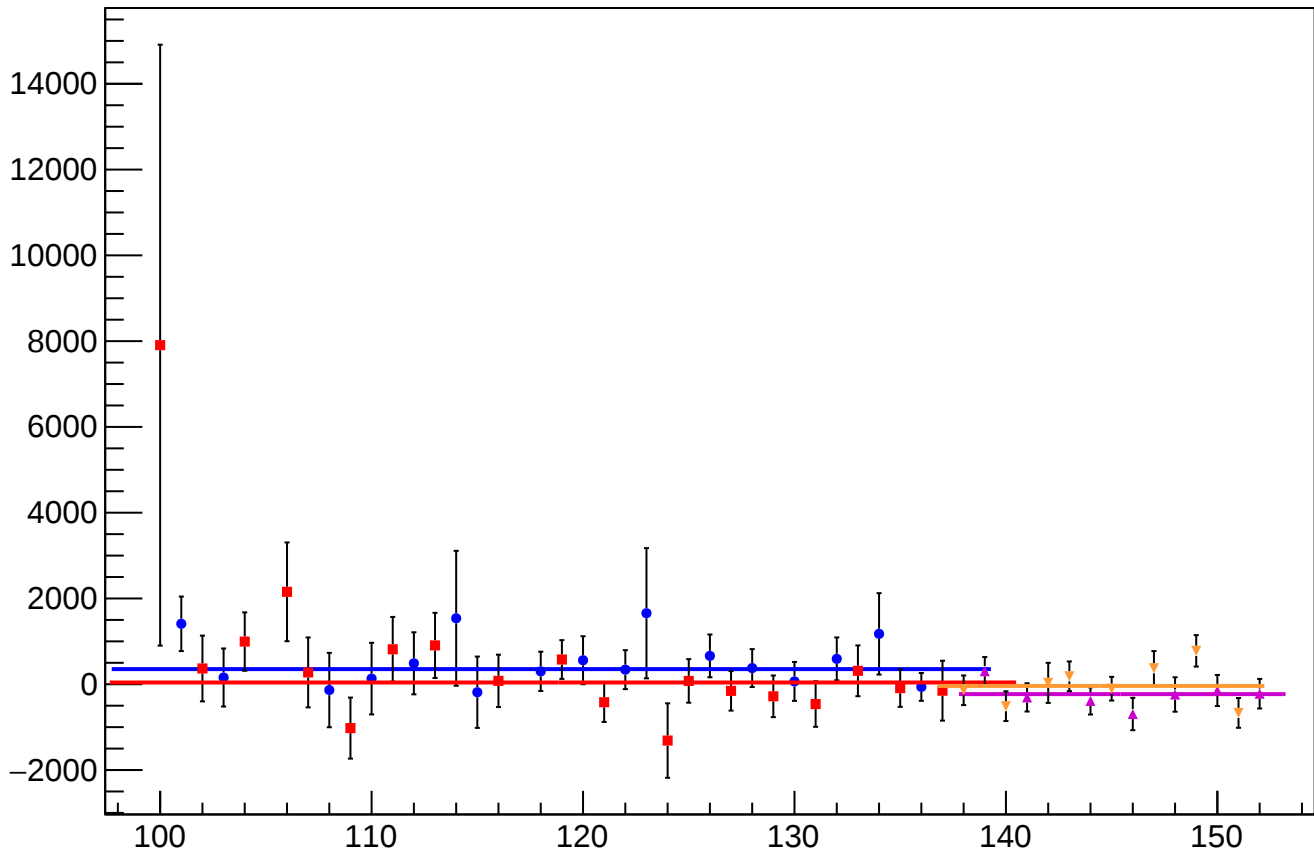
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 383.661 $\pm$ 0.081 χ^2 /NDF:2659303.4/23

Out: 392.317 $\pm$ 0.082 χ^2 /NDF:2726429.3/26

All: 387.969 $\pm$ 0.058 χ^2 /NDF: 5391370.5/50

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -39.252 ± 124.337 χ^2/NDF : 11.8/7

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -229.970 ± 131.846 χ^2/NDF : 4.5/6

Left: -129.025 ± 90.458 χ^2/NDF : 17.3/14

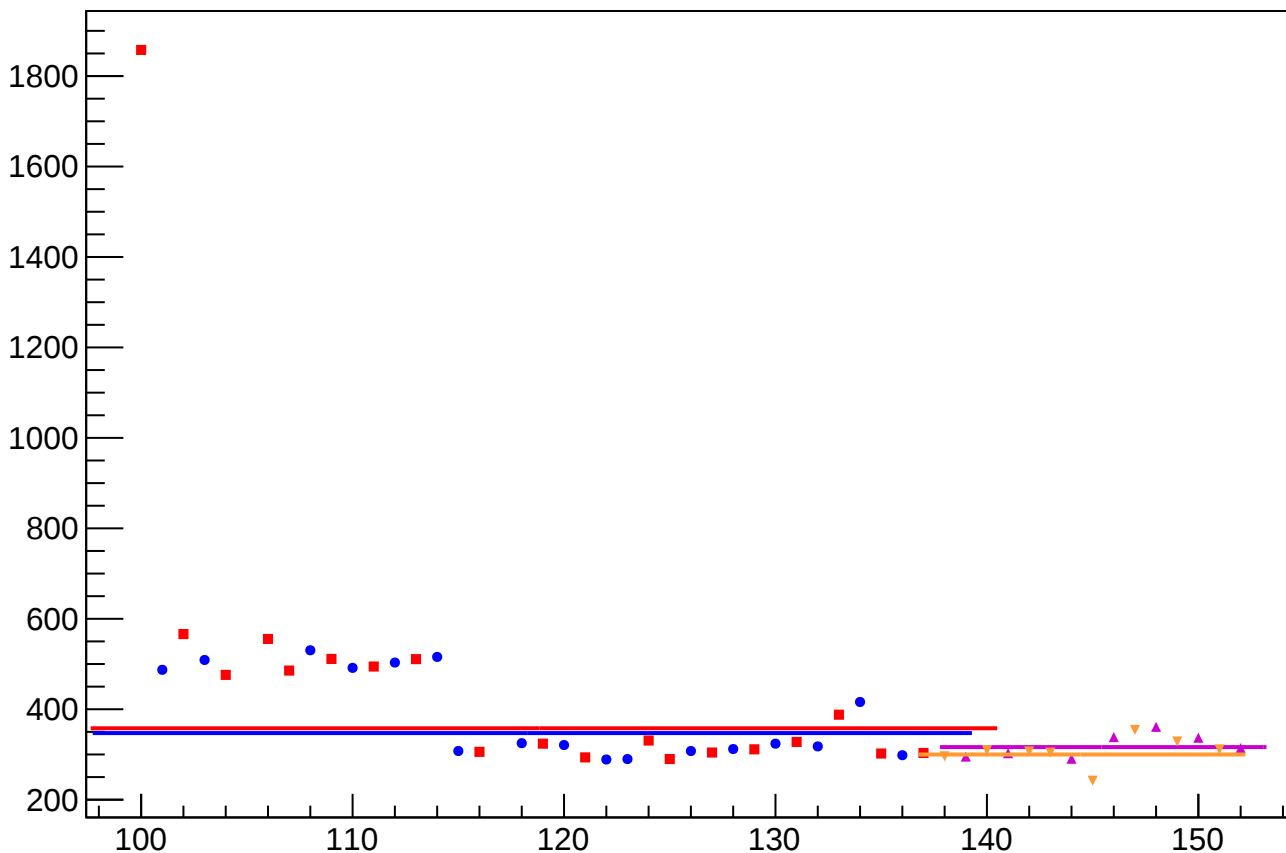
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 49.677 ± 95.098 χ^2/NDF : 22.4/23

Out: -3.545 ± 92.670 χ^2/NDF : 30.1/26

All: 22.378 ± 66.370 χ^2/NDF : 52.7/50

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 299.925+/-0.088 χ^2/NDF :141657.1/7

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 316.332+/-0.093 χ^2/NDF :62866.3/6

Left: 307.648+/-0.064 χ^2/NDF : 220915.1/14

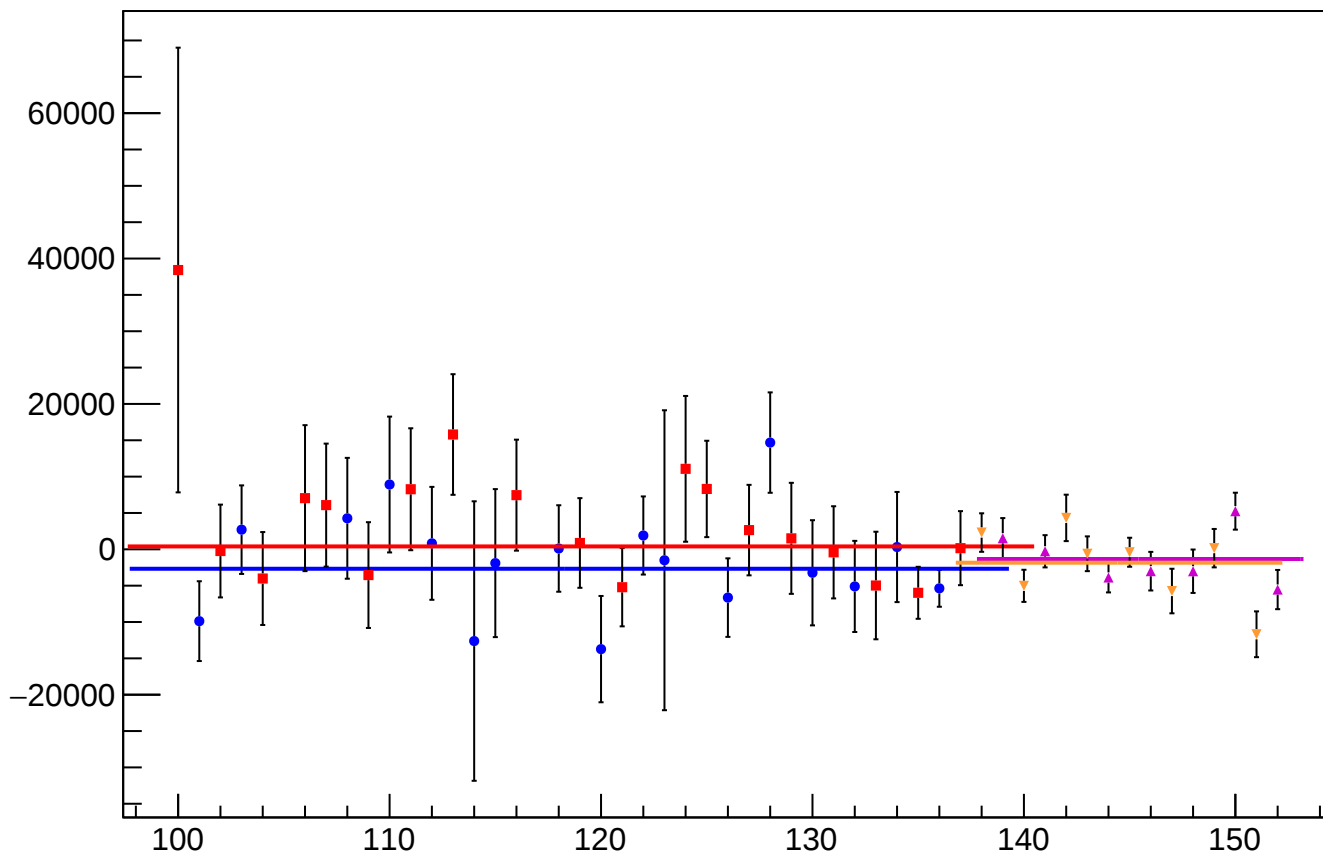
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 331.179+/-0.067 χ^2/NDF :734639.5/23

Out: 325.720+/-0.066 χ^2/NDF :1186953.6/26

All: 328.379+/-0.047 χ^2/NDF : 1924973.9/50

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1840.871+/-904.597 χ^2/NDF : 21.0/7

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -1330.481+/-946.339 χ^2/NDF : 12.7/6

Left: -1597.181+/-653.906 χ^2/NDF : 33.8/14

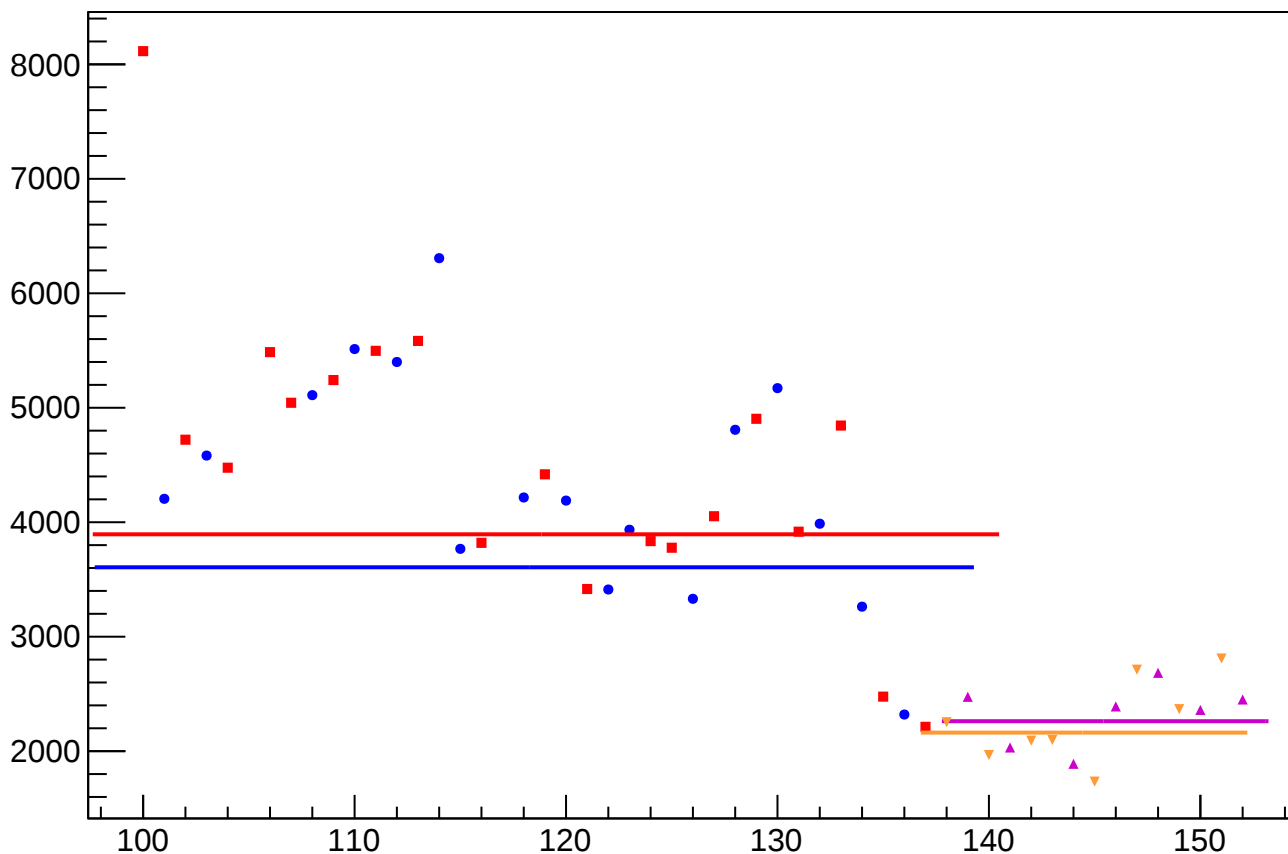
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1729.422+/-793.498 χ^2/NDF : 30.0/23

Out: -1252.888+/-776.810 χ^2/NDF : 38.5/26

All: -1486.092+/-555.094 χ^2/NDF : 68.7/50

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2162.141+/-0.640 χ^2/NDF : 273575.6/7

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2261.810+/-0.669 χ^2/NDF : 156518.1/6

Left: 2209.729+/-0.462 χ^2/NDF : 441686.1/14

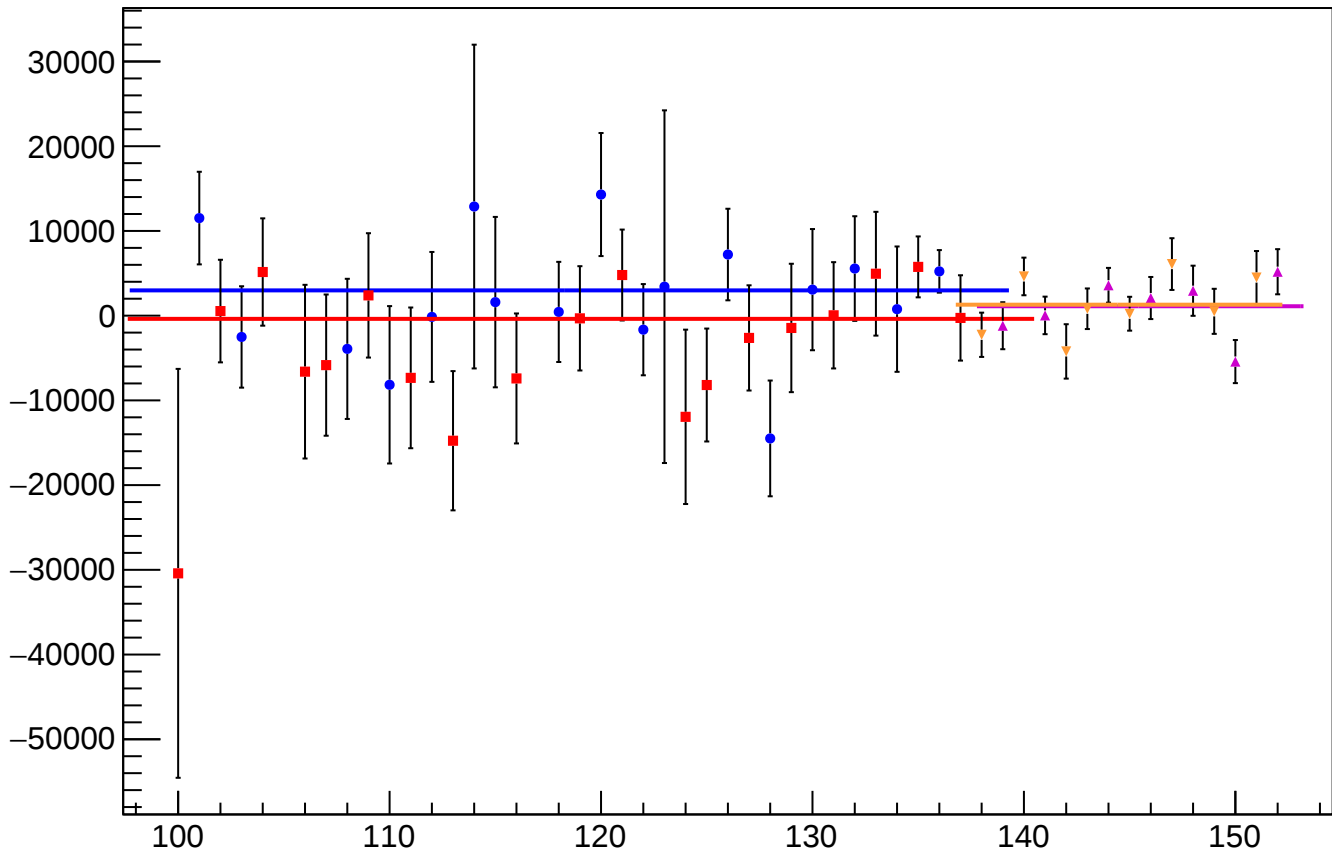
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2661.049+/-0.561 χ^2/NDF : 2447833.1/23

Out: 2617.037+/-0.549 χ^2/NDF : 3232490.2/26

All: 2638.575+/-0.393 χ^2/NDF : 5683465.2/50

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1295.497 $\pm$ 904.728 χ^2 /NDF: 11.0/7

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 1111.459 $\pm$ 935.244 χ^2 /NDF: 11.9/6

Left: 1206.529 $\pm$ 650.260 χ^2 /NDF: 22.9/14

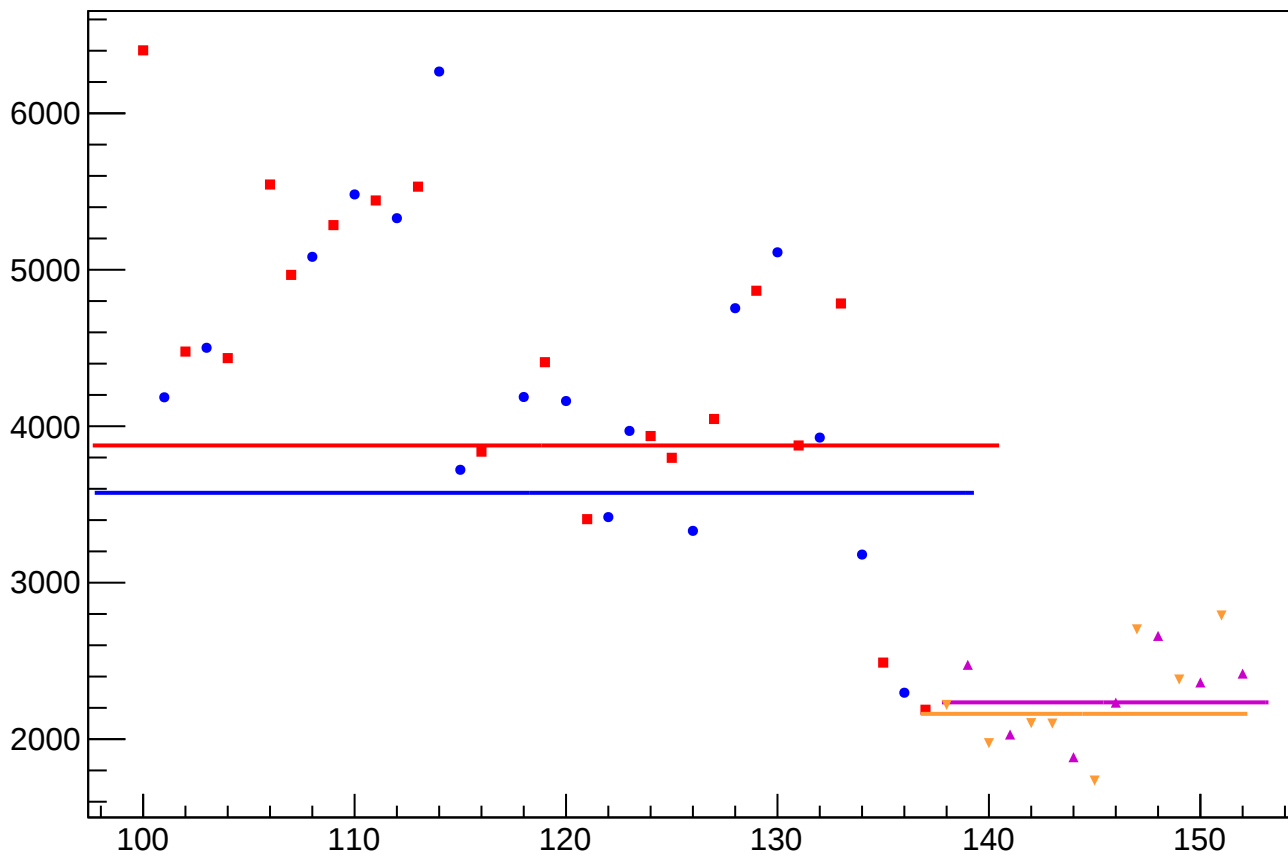
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1664.914 $\pm$ 784.923 χ^2 /NDF: 30.5/23

Out: 852.468 $\pm$ 775.732 χ^2 /NDF: 26.9/26

All: 1253.907 $\pm$ 551.746 χ^2 /NDF: 58.0/50

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2161.697+/-0.640 χ^2/NDF : 265087.9/7

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2235.002+/-0.661 χ^2/NDF : 146412.5/6

Left: 2197.134+/-0.460 χ^2/NDF : 417847.7/14

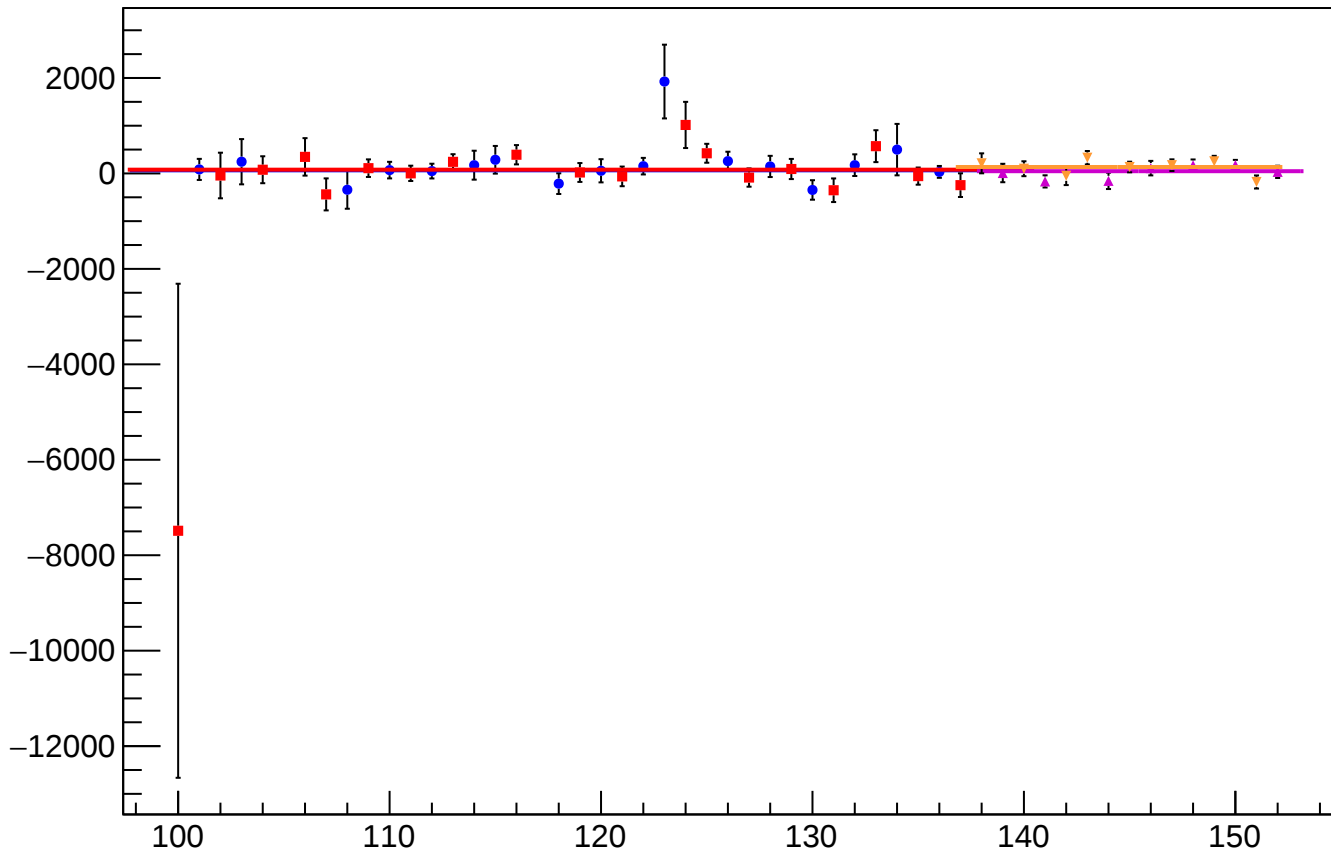
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2630.951+/-0.555 χ^2/NDF : 2450360.2/23

Out: 2615.996+/-0.549 χ^2/NDF : 3159389.4/26

All: 2623.385+/-0.390 χ^2/NDF : 5610116.9/50

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 134.782+/-49.045 χ^2/NDF : 9.4/7

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 46.865+/-51.521 χ^2/NDF : 6.8/6

Left: 92.987+/-35.523 χ^2/NDF : 17.7/14

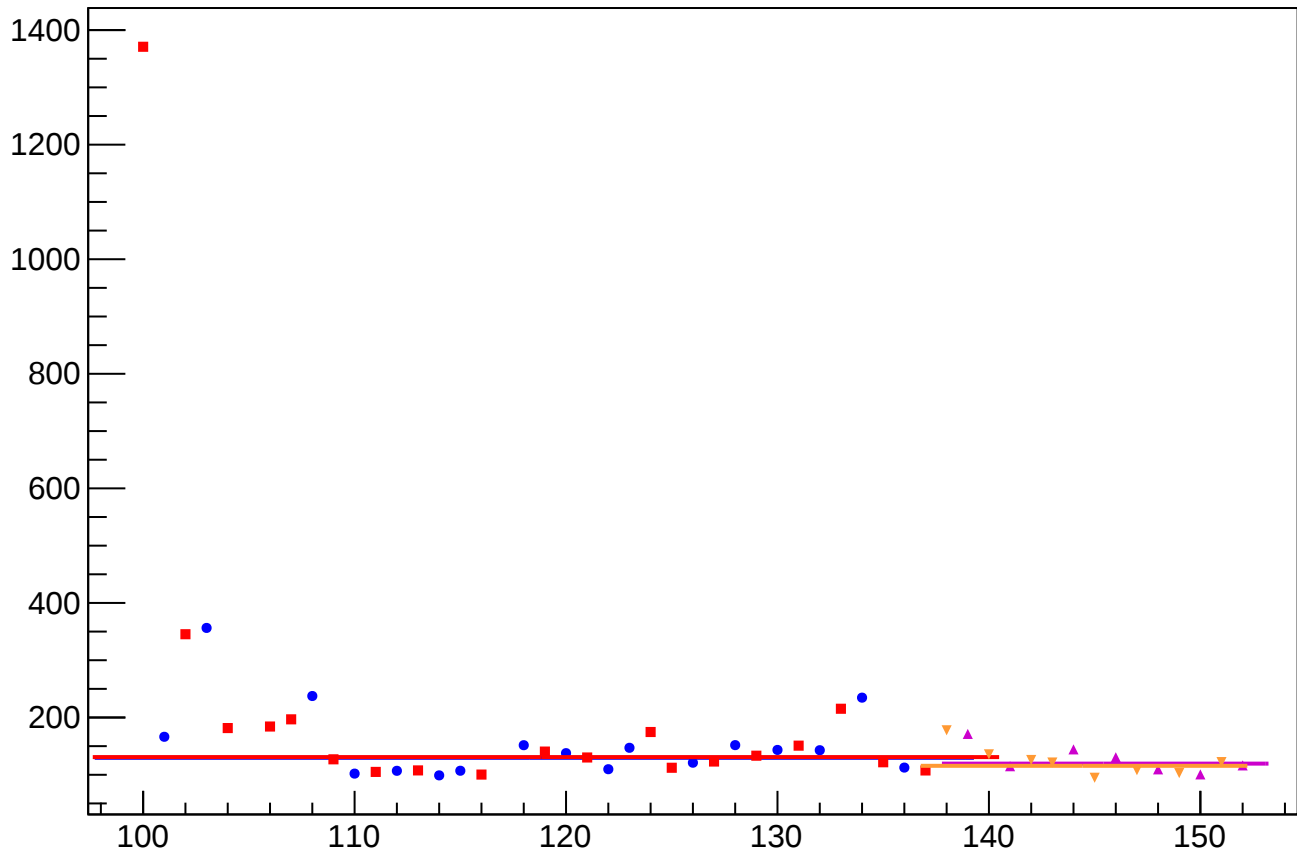
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 55.837+/-36.841 χ^2/NDF : 22.6/23

Out: 108.562+/-35.789 χ^2/NDF : 34.3/26

All: 82.963+/-25.670 χ^2/NDF : 57.9/50

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 115.673 $\pm$ 0.035 χ^2 /NDF: 323685.9/7

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 119.498 $\pm$ 0.036 χ^2 /NDF: 274032.4/6

Left: 117.492 $\pm$ 0.025 χ^2 /NDF: 603501.4/14

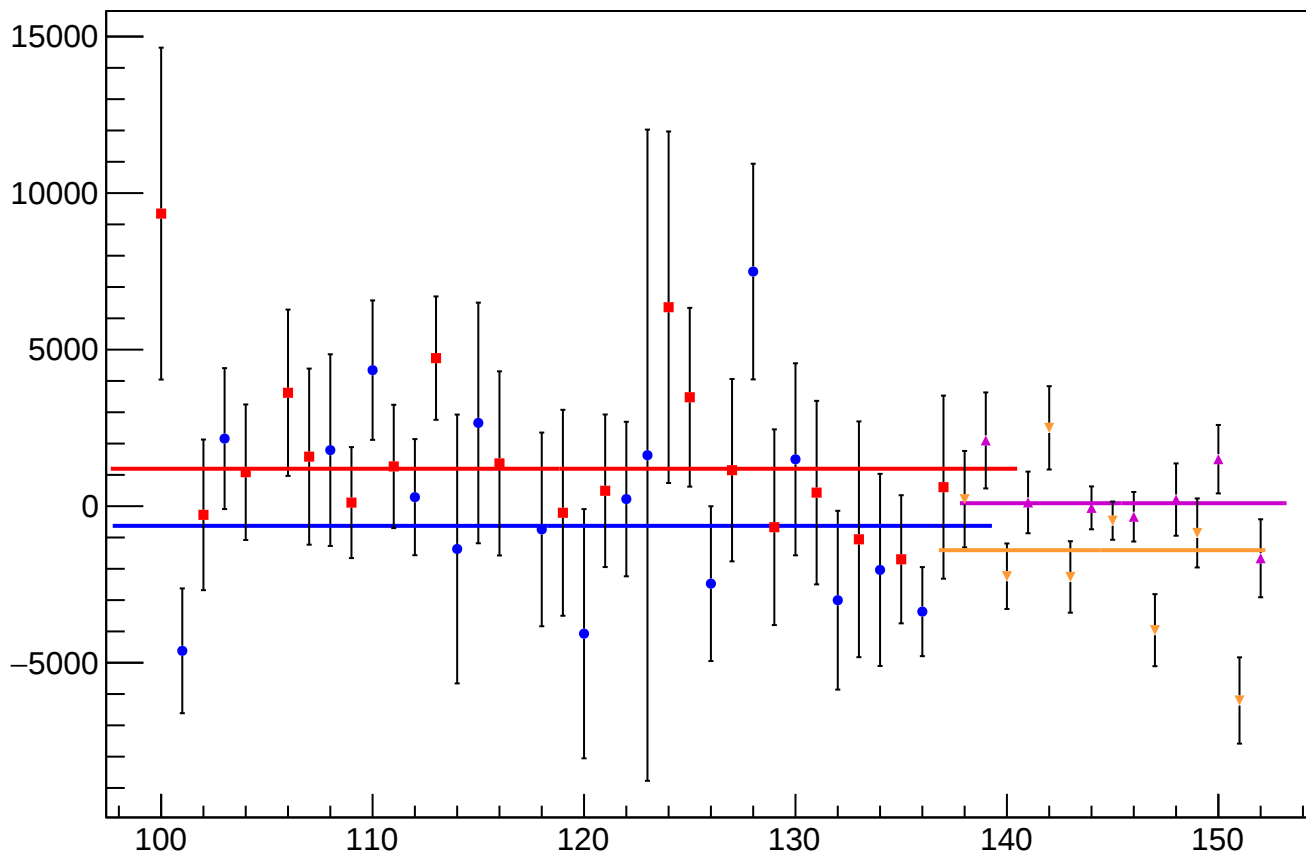
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 124.482 $\pm$ 0.026 χ^2 /NDF: 1302011.6/23

Out: 122.782 $\pm$ 0.025 χ^2 /NDF: 1455881.6/26

All: 123.607 $\pm$ 0.018 χ^2 /NDF: 2760084.5/50

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1405.860+/-366.307 χ^2/NDF :30.6/7

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 95.221+/-367.170 χ^2/NDF :5.7/6

Left: -657.087+/-259.323 χ^2/NDF : 44.7/14

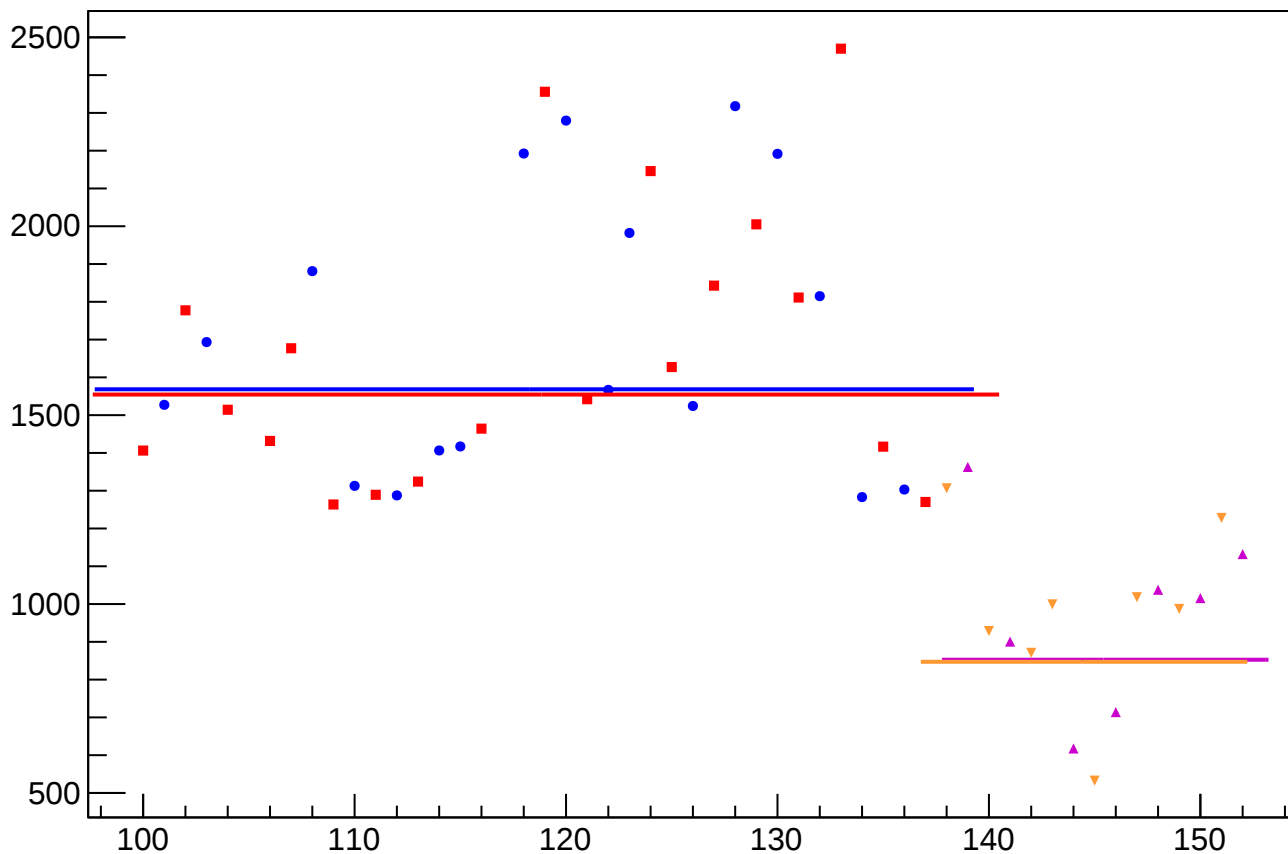
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -91.944+/-316.123 χ^2/NDF :31.0/23

Out: -691.894+/-312.031 χ^2/NDF :56.2/26

All: -395.827+/-222.072 χ^2/NDF : 89.1/50

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 847.183+/-0.259 χ^2/NDF : 985525.0/7

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 852.614+/-0.260 χ^2/NDF : 719787.5/6

Left: 849.892+/-0.183 χ^2/NDF : 1705531.8/14

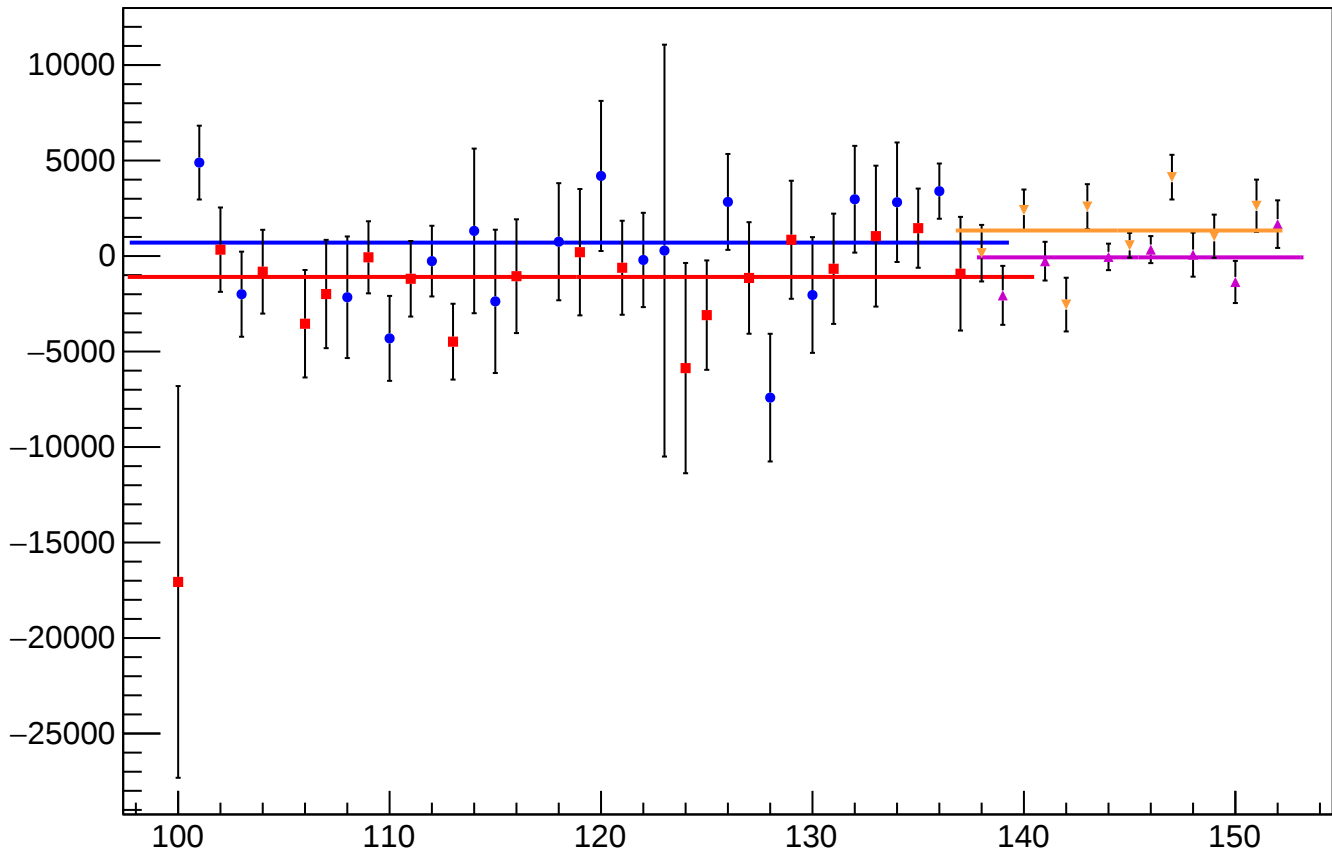
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1037.830+/-0.224 χ^2/NDF : 3220995.2/23

Out: 1041.269+/-0.221 χ^2/NDF : 3543834.8/26

All: 1039.572+/-0.157 χ^2/NDF : 6764949.9/50

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1337.470+/-378.863 χ^2/NDF : 18.5/7

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -68.779+/-360.751 χ^2/NDF : 5.4/6

Left: 599.930+/-261.258 χ^2/NDF : 31.1/14

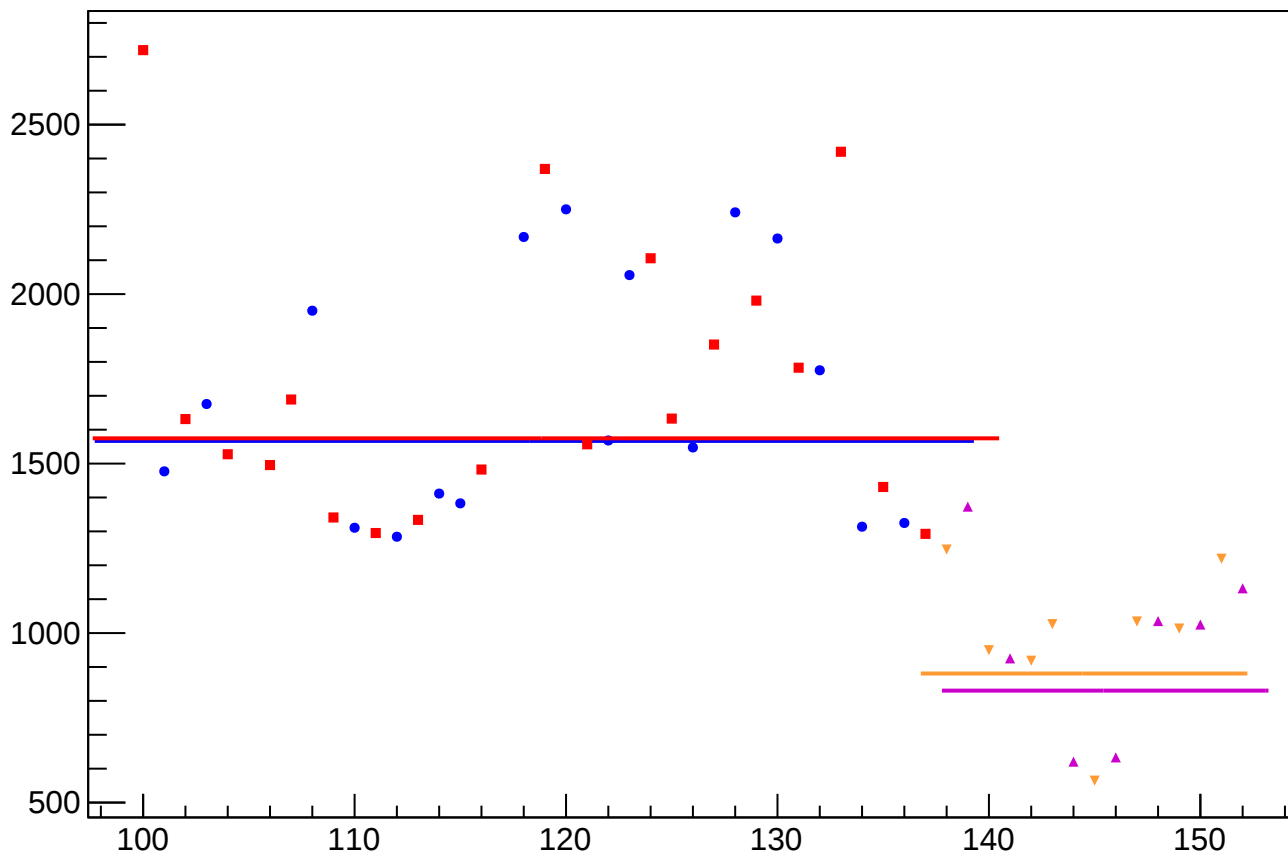
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 126.149+/-311.888 χ^2/NDF : 32.5/23

Out: 649.666+/-320.829 χ^2/NDF : 40.8/26

All: 380.511+/-223.632 χ^2/NDF : 74.6/50

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 880.701 $\pm$ 0.268 χ^2 /NDF: 819338.4/7

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 830.228 $\pm$ 0.255 χ^2 /NDF: 845168.5/6

Left: 854.229 $\pm$ 0.185 χ^2 /NDF: 1683124.1/14

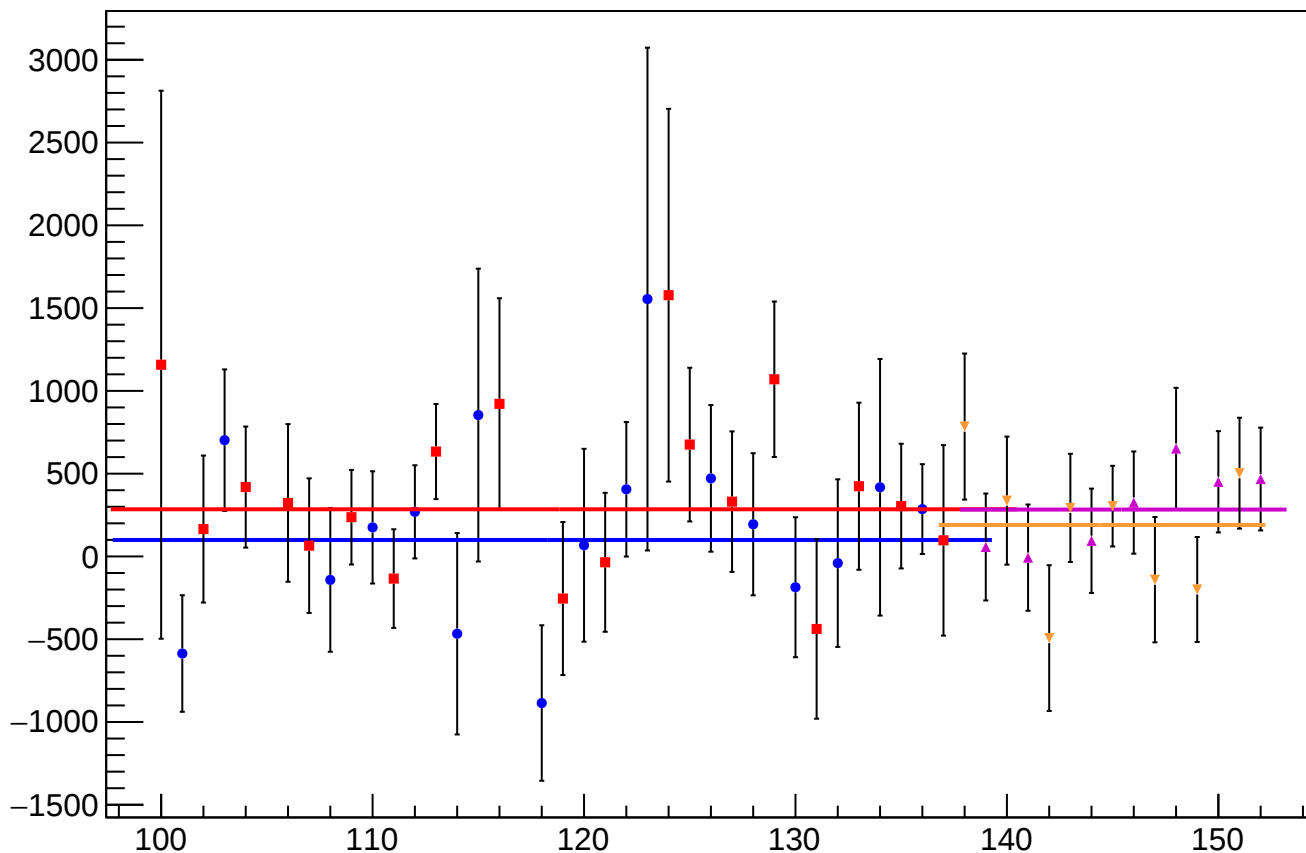
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1016.284 $\pm$ 0.221 χ^2 /NDF: 3451481.2/23

Out: 1076.978 $\pm$ 0.227 χ^2 /NDF: 3181140.7/26

All: 1045.773 $\pm$ 0.158 χ^2 /NDF: 6669422.1/50

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 190.110 $\pm$ 120.350 χ^2/NDF : 7.8/7

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 283.104 $\pm$ 120.959 χ^2/NDF : 3.3/6

Left: 236.372 $\pm$ 85.315 χ^2/NDF : 11.5/14

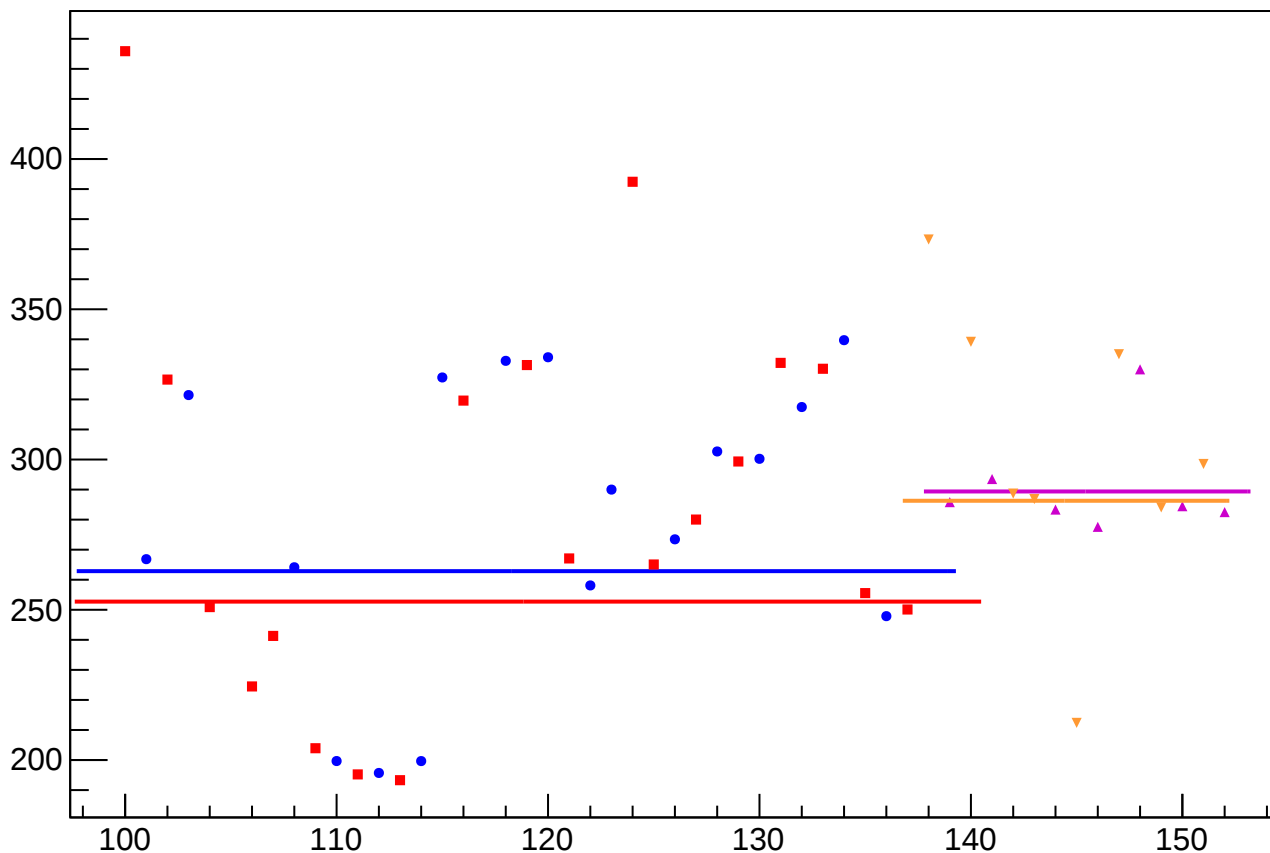
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 177.010 $\pm$ 78.624 χ^2/NDF : 20.6/23

Out: 247.232 $\pm$ 75.857 χ^2/NDF : 22.2/26

All: 213.379 $\pm$ 54.591 χ^2/NDF : 43.2/50

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 286.277 $\pm$ 0.085 χ^2 /NDF:335228.4/7

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 289.371 $\pm$ 0.086 χ^2 /NDF:30224.6/6

Left: 287.816 $\pm$ 0.060 χ^2 /NDF: 366110.8/14

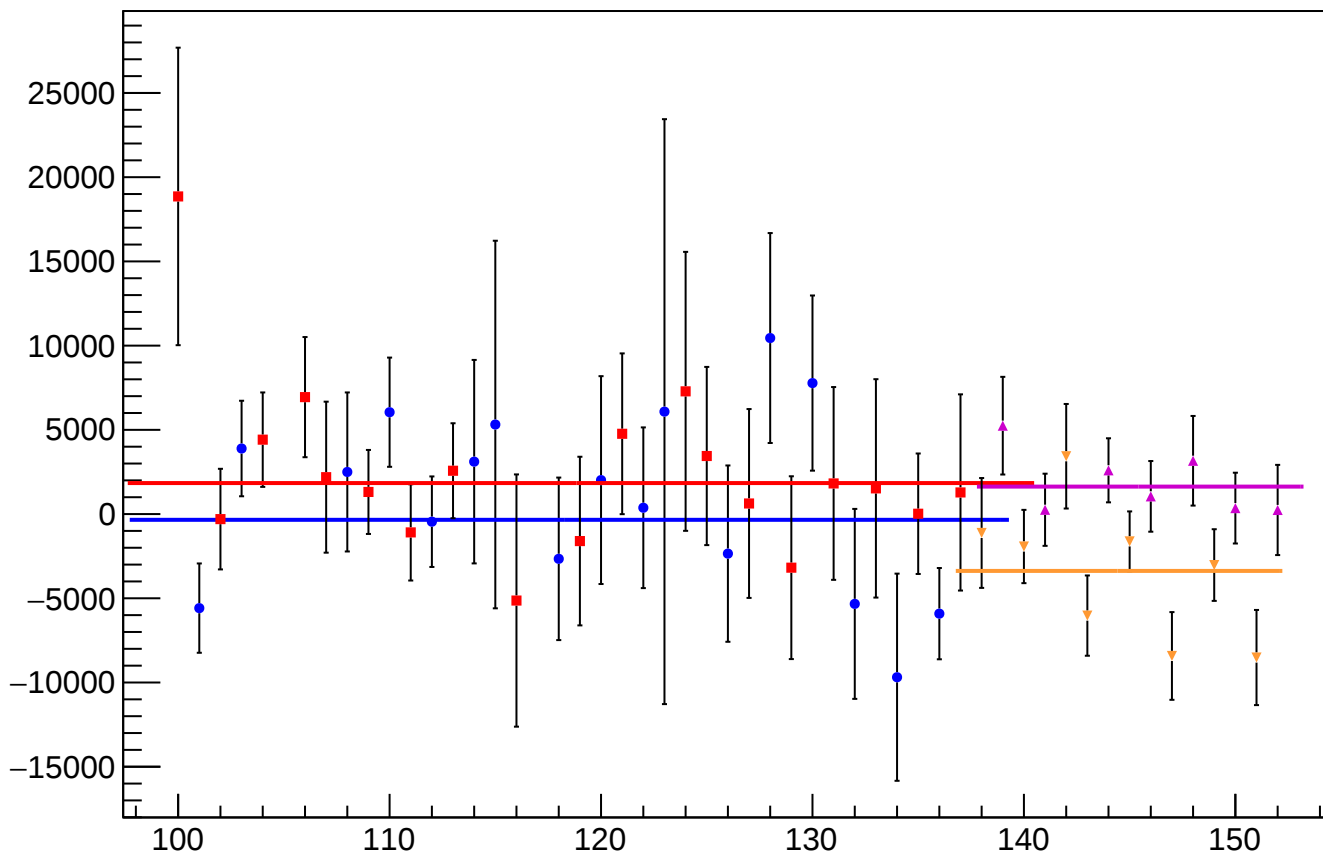
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 274.059 $\pm$ 0.056 χ^2 /NDF:497421.3/23

Out: 266.051 $\pm$ 0.054 χ^2 /NDF:968673.4/26

All: 269.912 $\pm$ 0.039 χ^2 /NDF: 1476839.8/50

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3375.307 ± 846.637 $\chi^2/\text{NDF}: 15.0/7$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1630.408 ± 861.335 $\chi^2/\text{NDF}: 3.3/6$

Left: -915.523 ± 603.793 $\chi^2/\text{NDF}: 35.5/14$

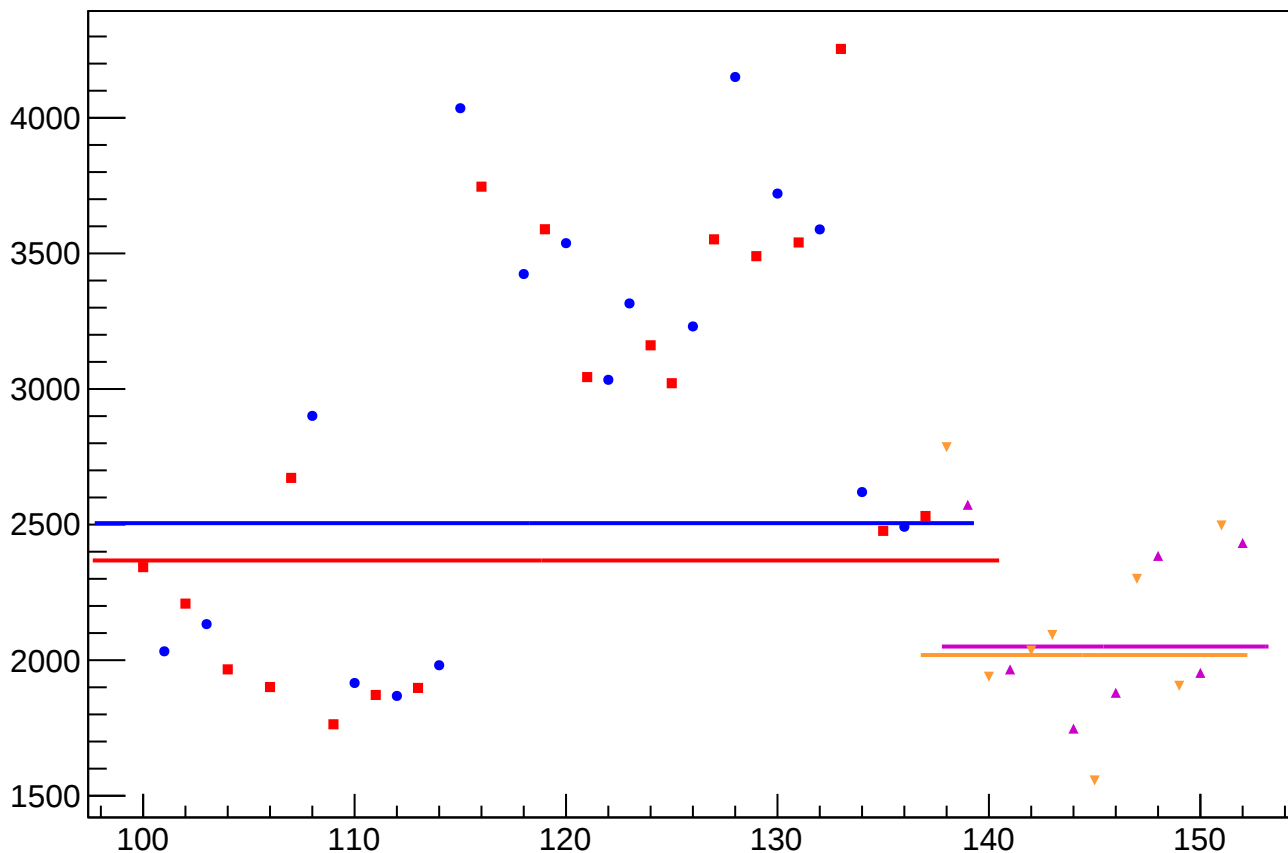
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 794.985 ± 653.904 $\chi^2/\text{NDF}: 29.9/23$

Out: -996.903 ± 624.454 $\chi^2/\text{NDF}: 44.1/26$

All: -142.217 ± 451.608 $\chi^2/\text{NDF}: 77.9/50$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2/NDF : 864133.9/16

Left Out: 2018.957 $\pm$ 0.599 χ^2/NDF : 336475.9/7

Right Out: 2367.730 $\pm$ 0.654 χ^2/NDF : 1030895.6/18

Left In: 2050.283 $\pm$ 0.609 χ^2/NDF : 208468.7/6

Left: 2034.350 $\pm$ 0.427 χ^2/NDF : 546290.1/14

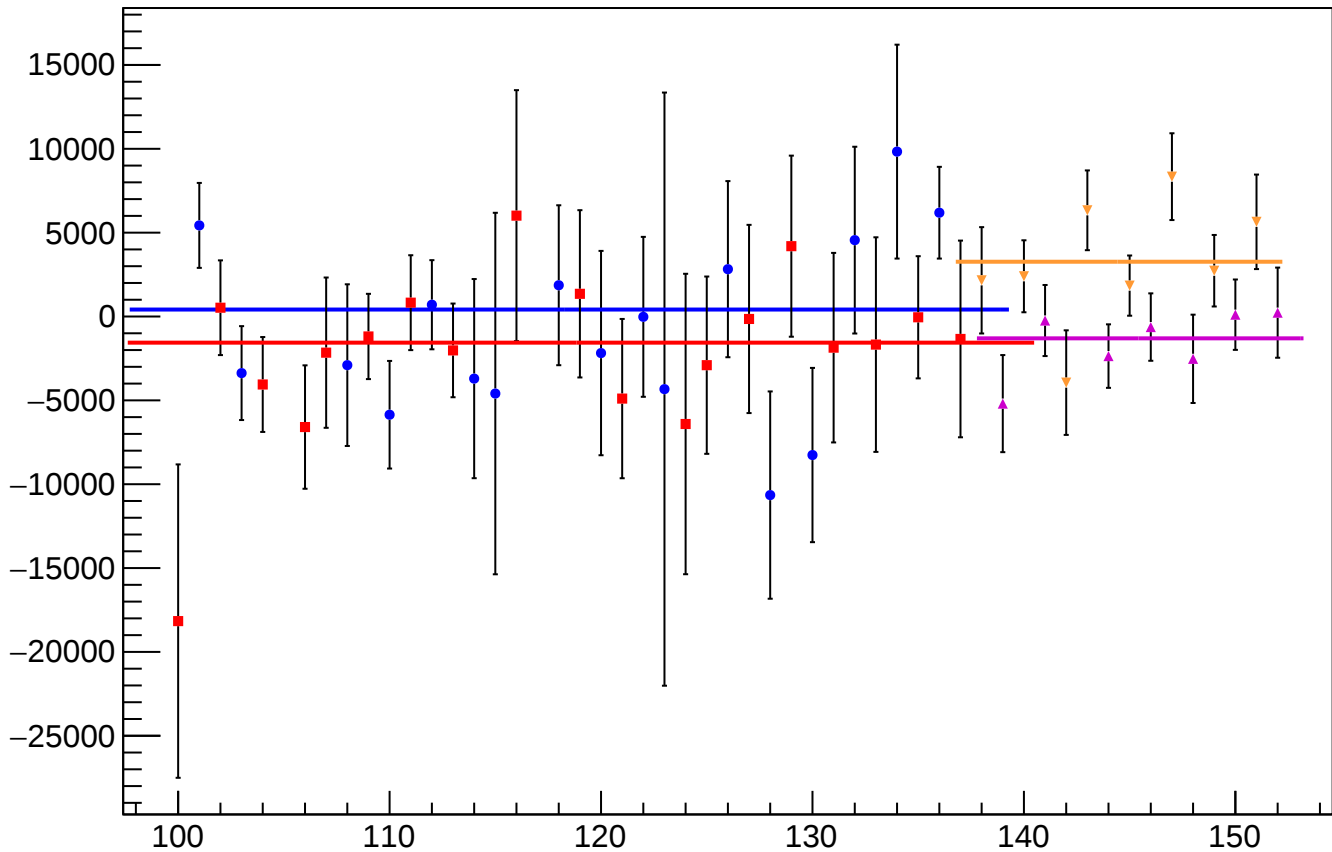
Right: 2430.842 $\pm$ 0.481 χ^2/NDF : 1915339.5/35

In: 2243.065 $\pm$ 0.462 χ^2/NDF : 1309090.1/23

Out: 2177.994 $\pm$ 0.442 χ^2/NDF : 1522138.5/26

All: 2209.031 $\pm$ 0.319 χ^2/NDF : 2841587.2/50

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3266.472 $\pm$ 844.652 χ^2 /NDF:12.5/7

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -1302.056 $\pm$ 851.818 χ^2 /NDF:3.5/6

Left: 1001.502 $\pm$ 599.777 χ^2 /NDF: 30.5/14

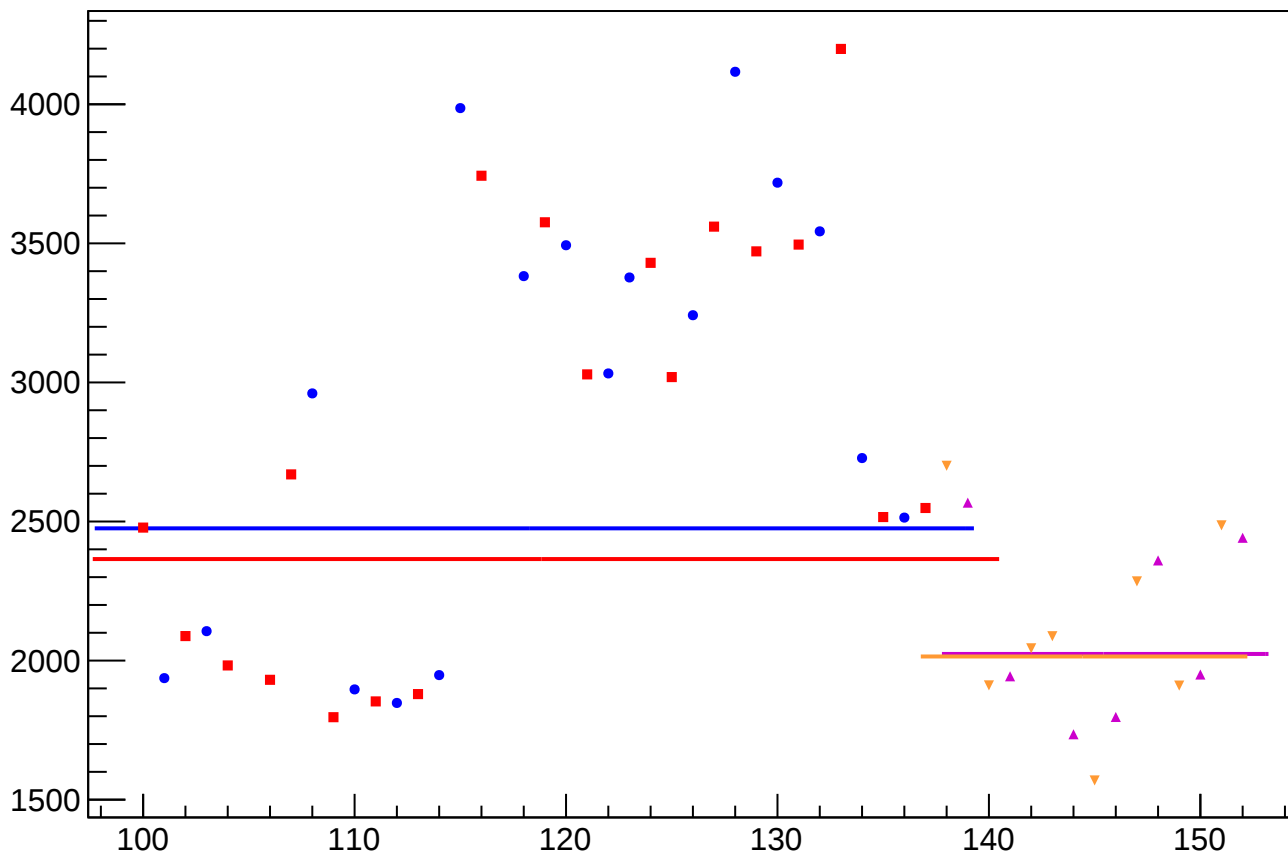
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -575.550 $\pm$ 647.058 χ^2 /NDF:29.7/23

Out: 1071.020 $\pm$ 623.562 χ^2 /NDF:38.1/26

All: 278.173 $\pm$ 449.002 χ^2 /NDF: 71.2/50

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2014.764+/-0.597 χ^2/NDF : 306106.9/7

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2023.850+/-0.602 χ^2/NDF : 228778.5/6

Left: 2019.269+/-0.424 χ^2/NDF : 535000.2/14

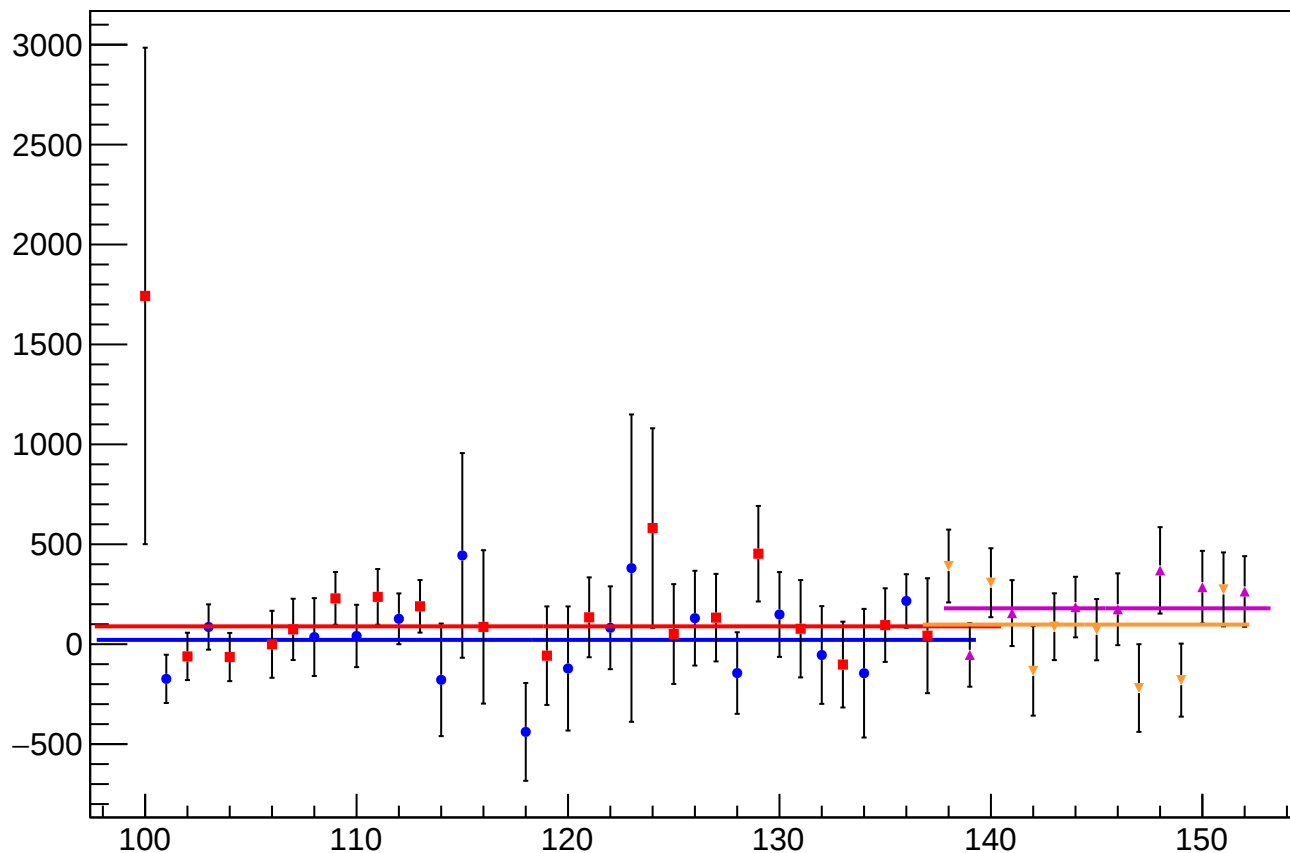
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2214.860+/-0.458 χ^2/NDF : 1379607.6/23

Out: 2174.130+/-0.441 χ^2/NDF : 1489759.2/26

All: 2193.742+/-0.317 χ^2/NDF : 2873475.6/50

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 98.188 $\pm$ 64.291 χ^2 /NDF:10.5/7

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 179.532 $\pm$ 65.292 χ^2 /NDF:3.5/6

Left: 138.232 $\pm$ 45.810 χ^2 /NDF: 14.8/14

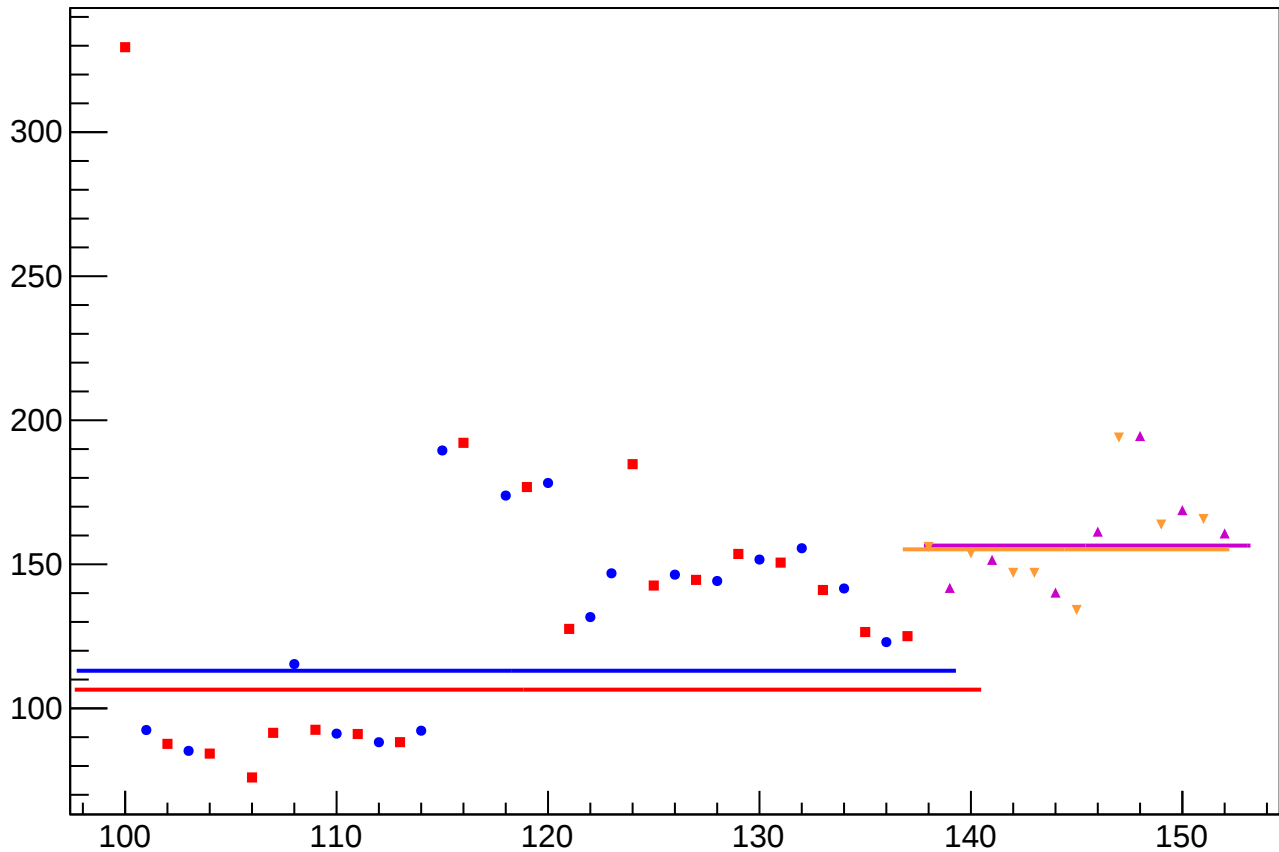
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 72.734 $\pm$ 37.139 χ^2 /NDF:20.1/23

Out: 91.950 $\pm$ 35.046 χ^2 /NDF:23.2/26

All: 82.899 $\pm$ 25.489 χ^2 /NDF: 43.4/50

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 155.197 $\pm$ 0.045 χ^2/NDF :118779.9/7

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 156.499 $\pm$ 0.046 χ^2/NDF :115685.4/6

Left: 155.838 $\pm$ 0.032 χ^2/NDF : 234869.1/14

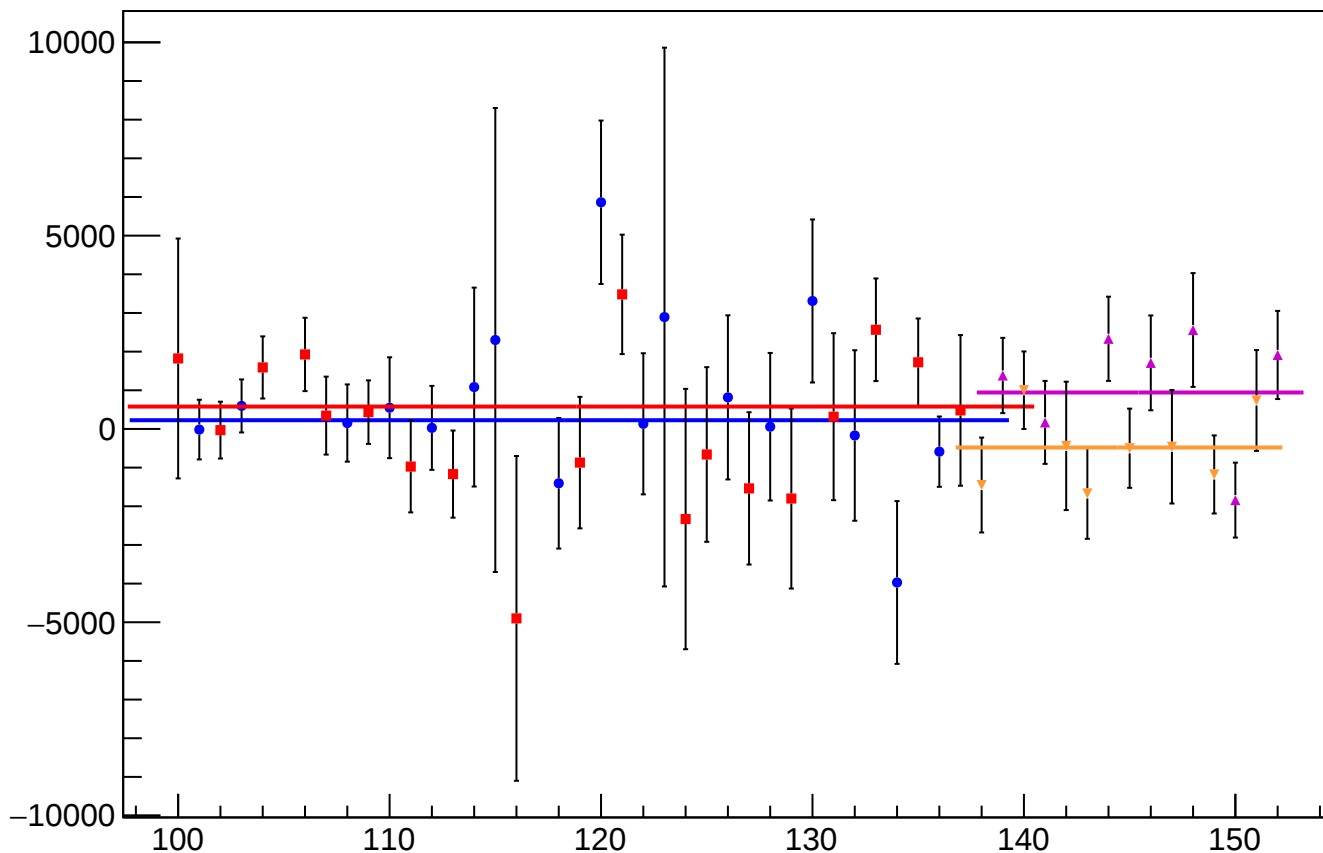
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 127.114 $\pm$ 0.026 χ^2/NDF :1535338.3/23

Out: 120.965 $\pm$ 0.025 χ^2/NDF :1941724.4/26

All: 123.862 $\pm$ 0.018 χ^2/NDF : 3506063.5/50

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -479.385+/-417.598 χ^2/NDF : 5.2/7

Right Out: 579.018+/-289.235 χ^2/NDF : 21.1/18

Left In: 943.024+/-417.860 χ^2/NDF : 12.9/6

Left: 231.374+/-295.379 χ^2/NDF : 23.9/14

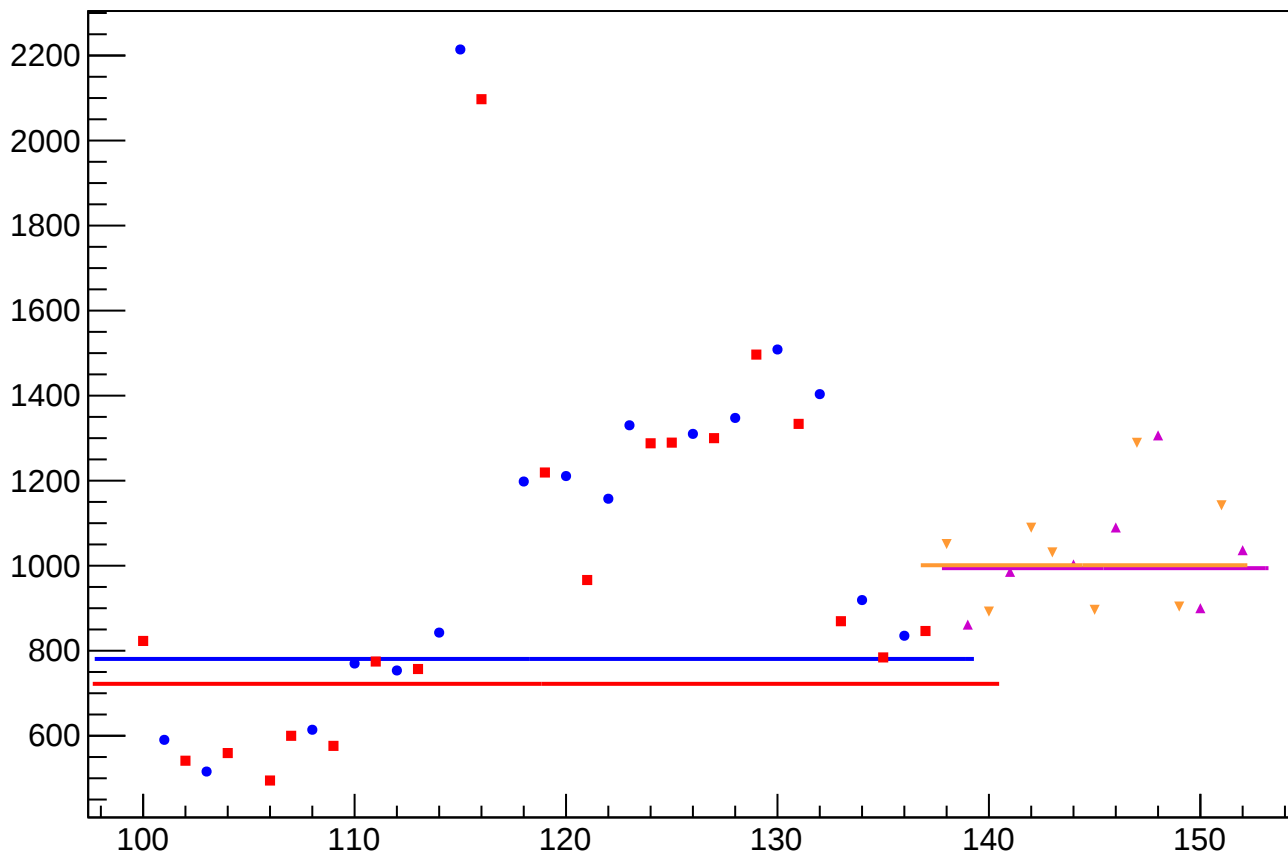
Right: 420.896+/-214.998 χ^2/NDF : 37.8/35

In: 492.302+/-254.764 χ^2/NDF : 30.7/23

Out: 235.890+/-237.772 χ^2/NDF : 30.7/26

All: 355.261+/-173.827 χ^2/NDF : 61.9/50

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2/NDF : 1609510.2/16

Left Out: 1001.085 $\pm$ 0.295 χ^2/NDF :173781.6/7

Right Out: 722.148 $\pm$ 0.205 χ^2/NDF : 1628760.4/18

Left In: 994.216 $\pm$ 0.295 χ^2/NDF :161336.7/6

Left: 997.653 $\pm$ 0.209 χ^2/NDF : 335388.8/14

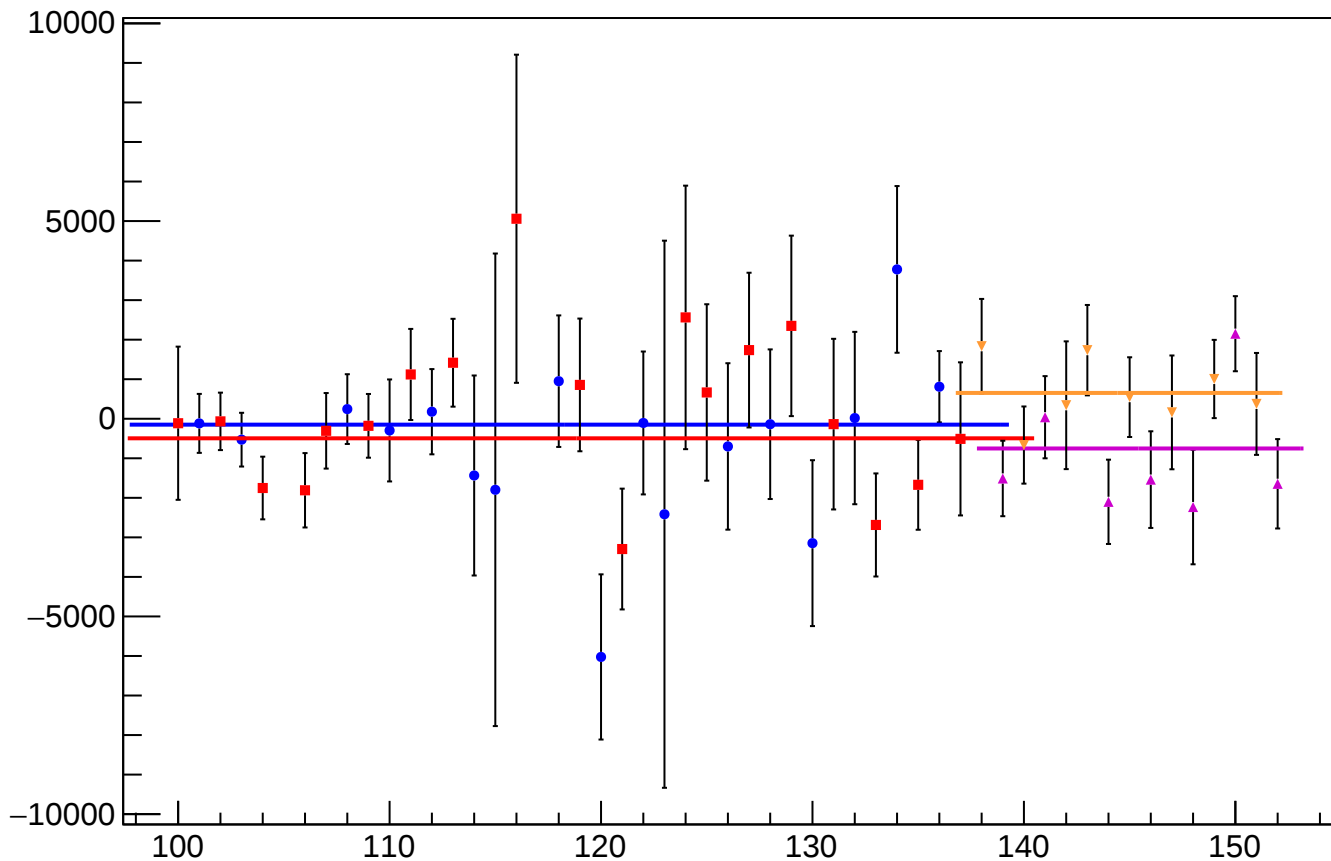
Right: 748.347 $\pm$ 0.152 χ^2/NDF : 3274944.8/35

In: 860.068 $\pm$ 0.180 χ^2/NDF :2098927.9/23

Out: 812.578 $\pm$ 0.168 χ^2/NDF :2405584.5/26

All: 834.686 $\pm$ 0.123 χ^2/NDF : 4541654.9/50

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 653.044 ± 408.673 $\chi^2/\text{NDF}: 4.0/7$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -751.919 ± 410.272 $\chi^2/\text{NDF}: 14.2/6$

Left: -46.693 ± 289.539 $\chi^2/\text{NDF}: 24.2/14$

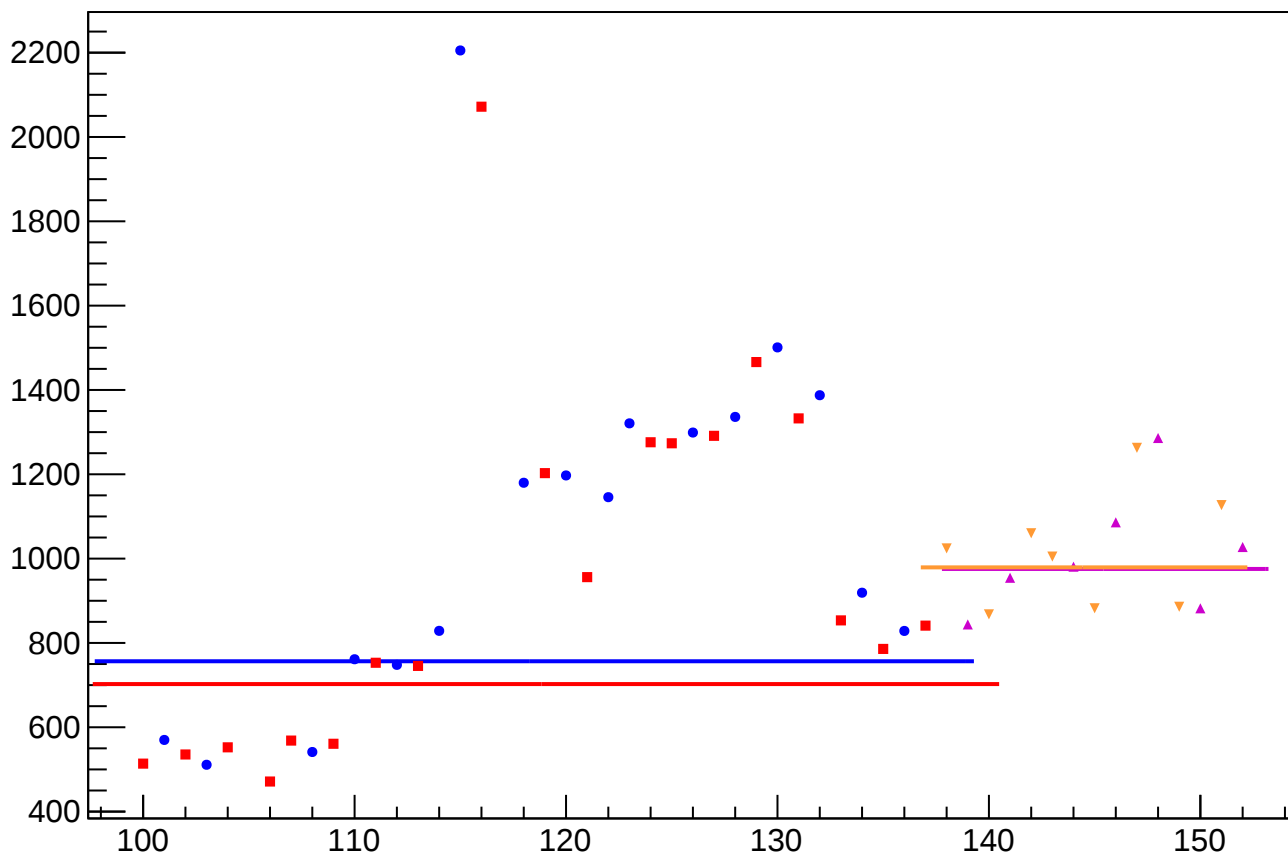
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -370.884 ± 248.831 $\chi^2/\text{NDF}: 31.7/23$

Out: -123.303 ± 232.506 $\chi^2/\text{NDF}: 33.0/26$

All: -238.706 ± 169.885 $\chi^2/\text{NDF}: 65.3/50$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 979.212+/-0.289 χ^2/NDF : 175172.6/7

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 975.501+/-0.290 χ^2/NDF : 170718.7/6

Left: 977.364+/-0.205 χ^2/NDF : 345973.4/14

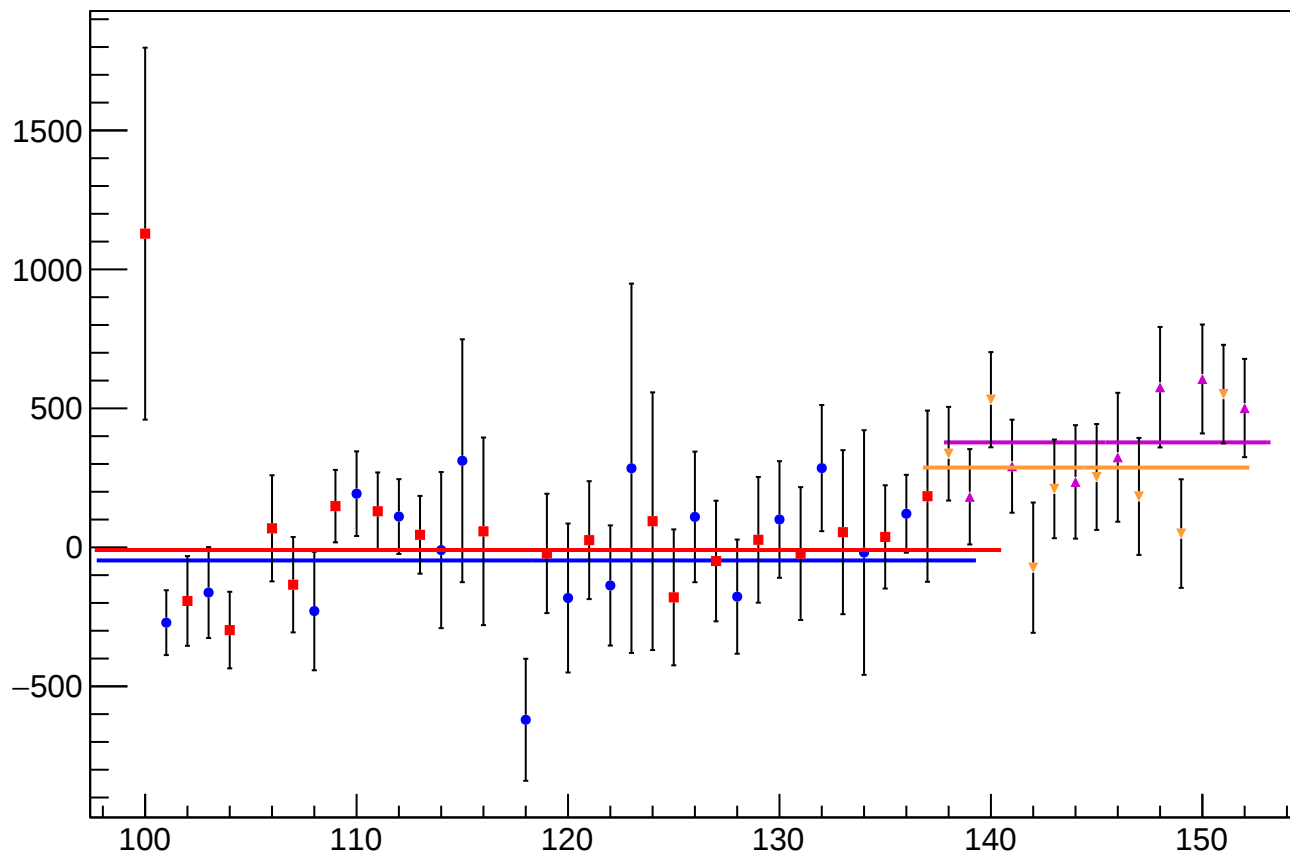
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 837.083+/-0.176 χ^2/NDF : 2244479.7/23

Out: 792.028+/-0.164 χ^2/NDF : 2484953.3/26

All: 813.029+/-0.120 χ^2/NDF : 4764438.6/50

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 287.057 ± 66.314 $\chi^2/\text{NDF}: 8.6/7$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 377.630 ± 72.236 $\chi^2/\text{NDF}: 4.8/6$

Left: 328.479 ± 48.851 $\chi^2/\text{NDF}: 14.3/14$

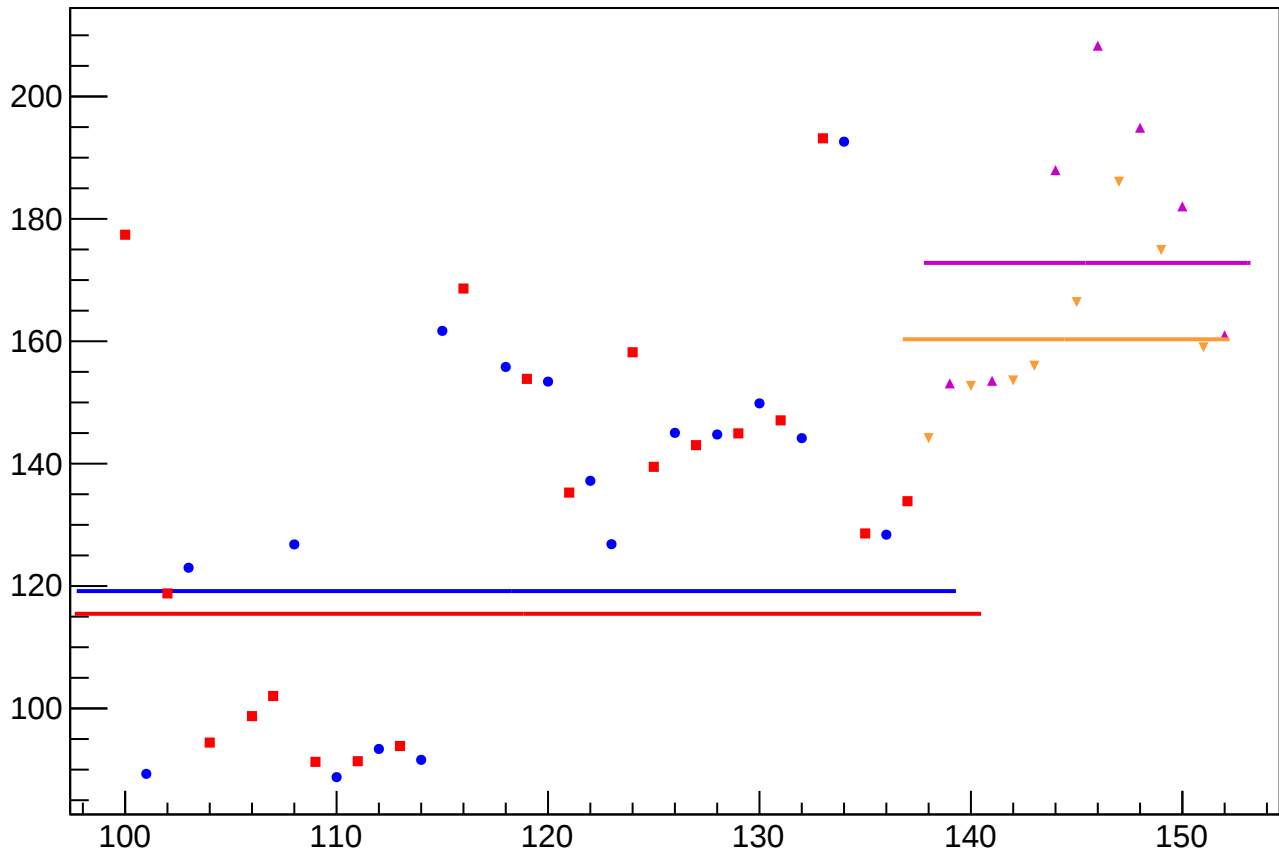
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 80.201 ± 39.553 $\chi^2/\text{NDF}: 50.9/23$

Out: 83.283 ± 37.093 $\chi^2/\text{NDF}: 35.4/26$

All: 81.841 ± 27.057 $\chi^2/\text{NDF}: 86.3/50$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 160.326+/-0.047 χ^2/NDF : 68404.2/7

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 172.806+/-0.051 χ^2/NDF : 144952.4/6

Left: 166.033+/-0.035 χ^2/NDF : 245752.4/14

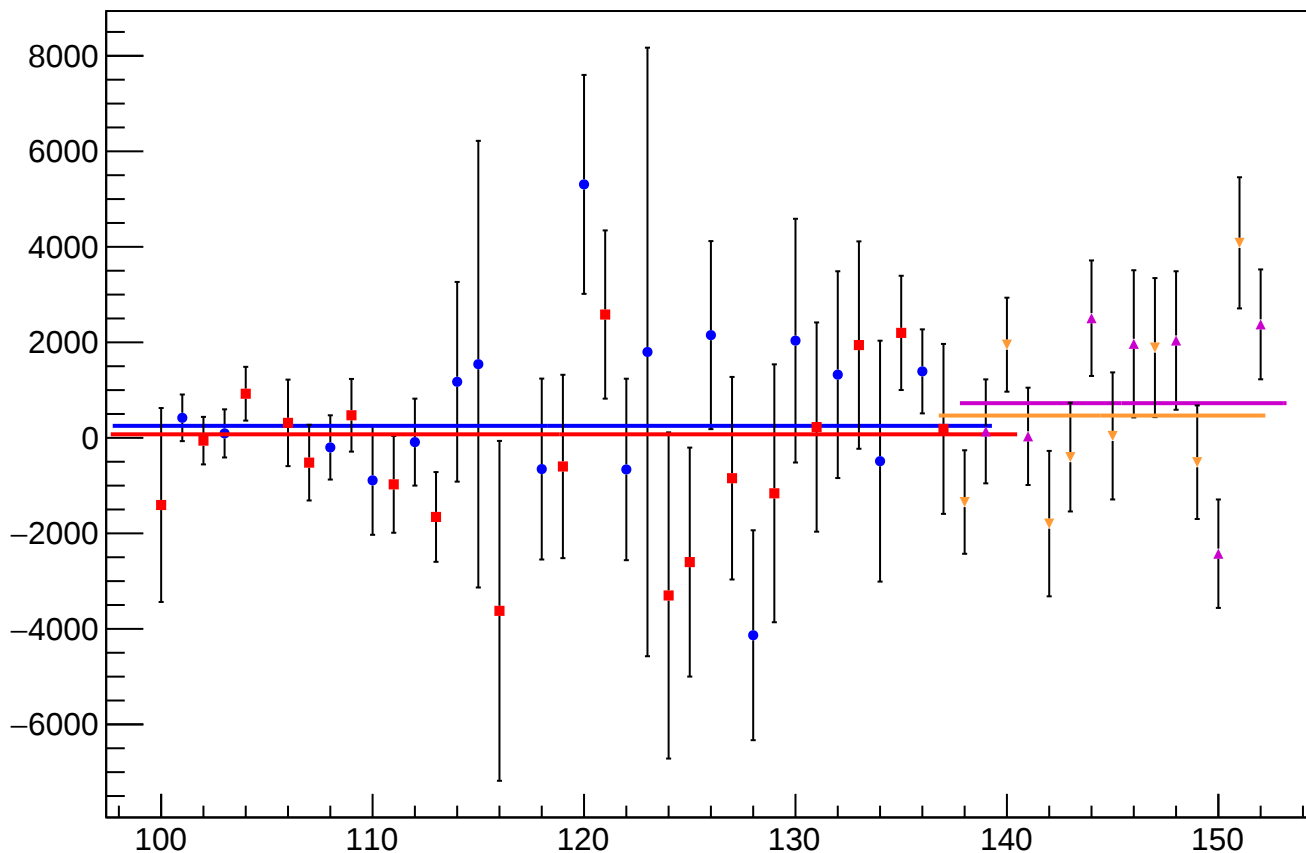
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 135.254+/-0.028 χ^2/NDF : 1532157.1/23

Out: 129.502+/-0.026 χ^2/NDF : 1390058.8/26

All: 132.194+/-0.019 χ^2/NDF : 2944725.5/50

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 467.328+/-431.855 χ^2/NDF : 16.5/7

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 726.310+/-450.925 χ^2/NDF : 14.2/6

Left: 591.227+/-311.891 χ^2/NDF : 30.9/14

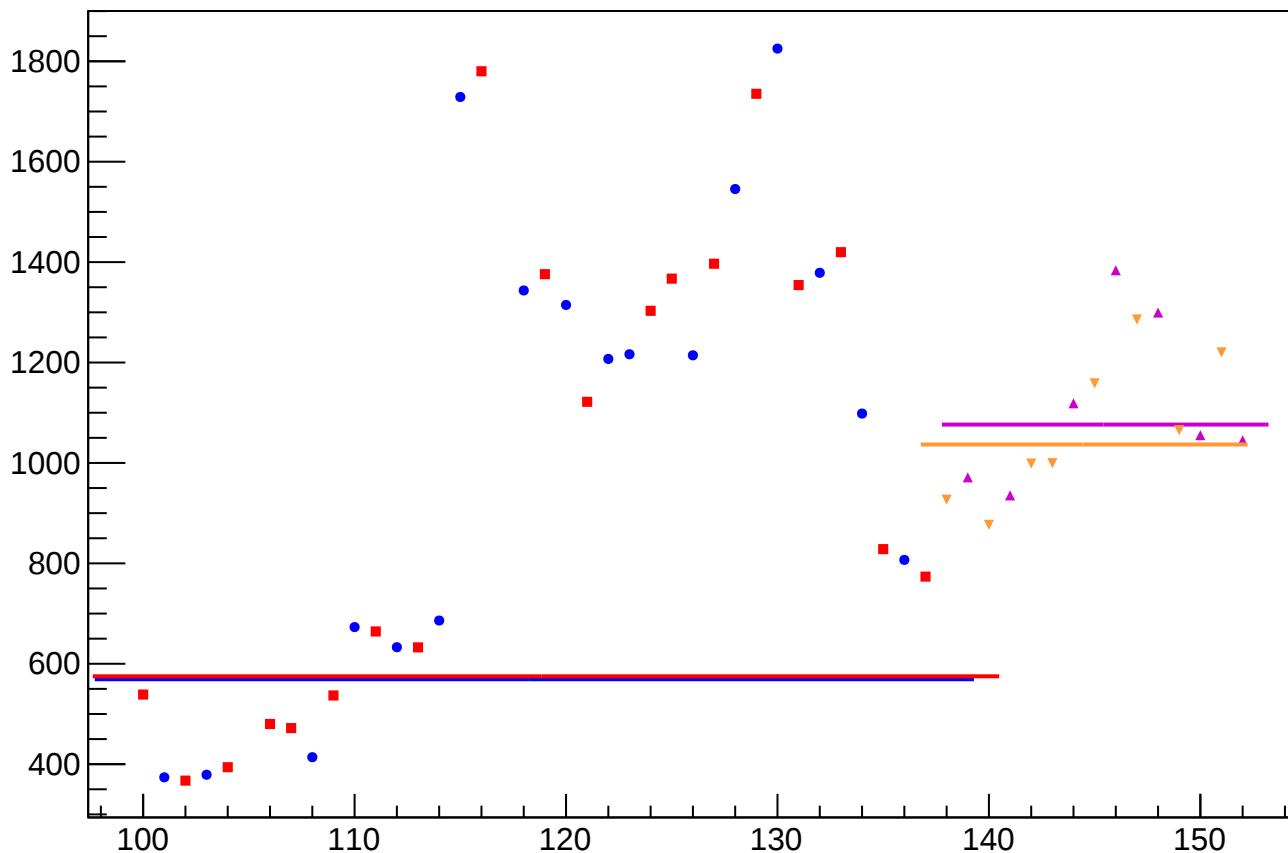
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 365.236+/-220.524 χ^2/NDF : 29.9/23

Out: 169.254+/-212.415 χ^2/NDF : 35.2/26

All: 263.576+/-152.986 χ^2/NDF : 65.4/50

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 1036.715+/-0.305 χ^2/NDF : 189041.4/7

Right Out: 575.051+/-0.173 χ^2/NDF : 3058923.3/18

Left In: 1076.443+/-0.319 χ^2/NDF : 188497.8/6

Left: 1055.721+/-0.221 χ^2/NDF : 385636.4/14

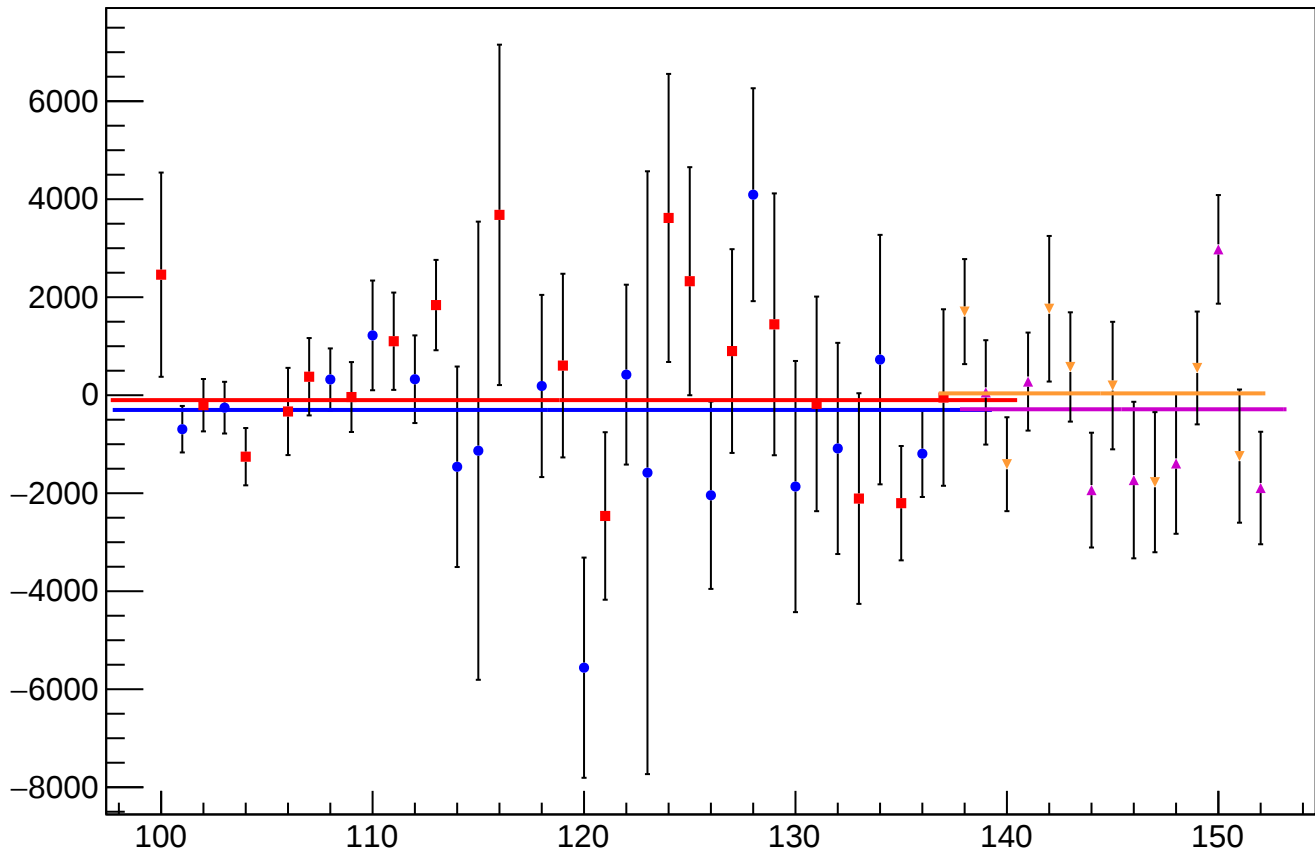
Right: 572.230+/-0.124 χ^2/NDF : 6326525.2/35

In: 690.516+/-0.156 χ^2/NDF : 5381045.9/23

Out: 686.743+/-0.150 χ^2/NDF : 4980623.9/26

All: 688.559+/-0.108 χ^2/NDF : 10361973.4/50

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 37.508 ± 422.862 χ^2/NDF : 9.0/7

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: -286.851 ± 444.544 χ^2/NDF : 14.4/6

Left: -116.569 ± 306.387 χ^2/NDF : 23.7/14

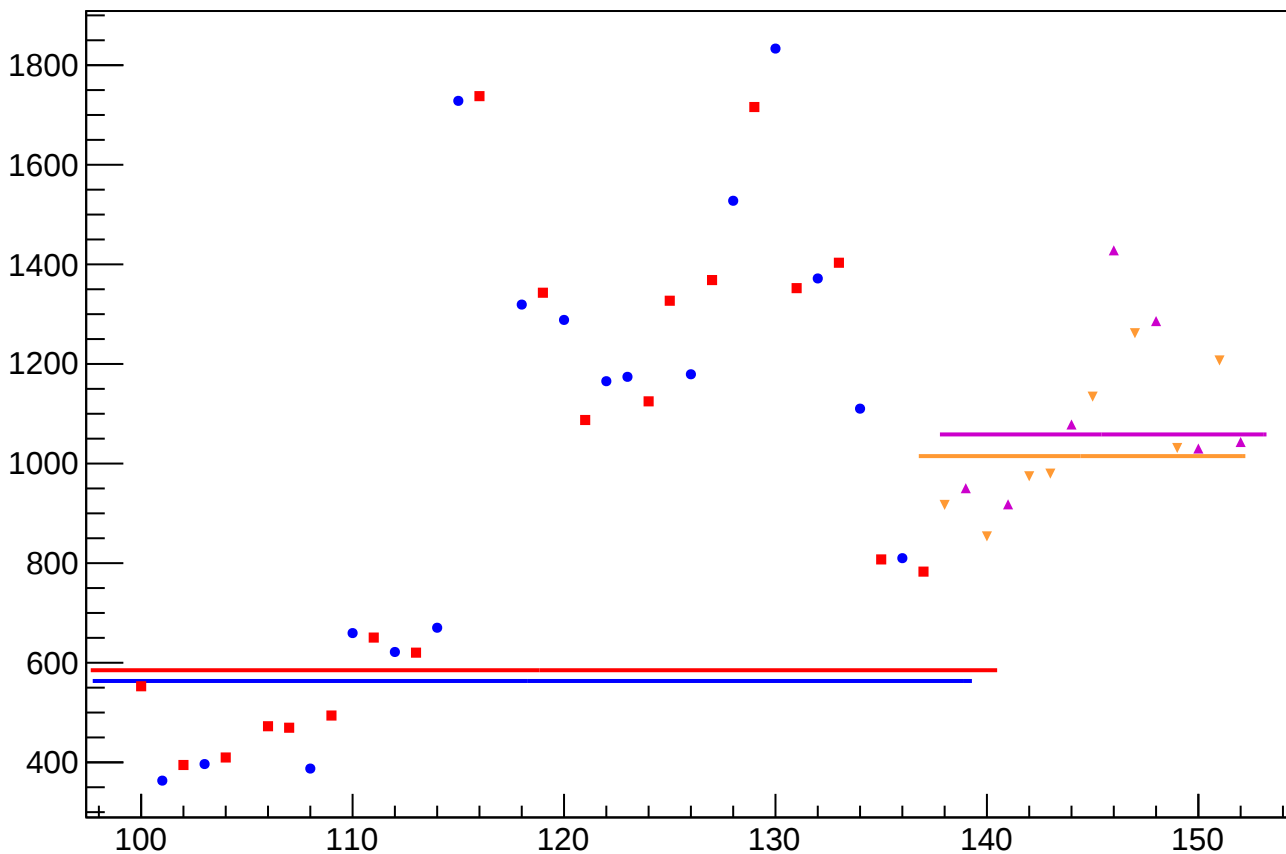
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -297.330 ± 218.106 χ^2/NDF : 31.2/23

Out: -65.198 ± 212.611 χ^2/NDF : 31.5/26

All: -178.303 ± 152.244 χ^2/NDF : 63.2/50

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2/NDF : 3259045.7/16

Left Out: 1014.953 $\pm$ 0.299 χ^2/NDF :193610.5/7

Right Out: 584.984 $\pm$ 0.174 χ^2/NDF : 2818628.0/18

Left In: 1058.492 $\pm$ 0.314 χ^2/NDF :219629.6/6

Left: 1035.635 $\pm$ 0.217 χ^2/NDF : 423311.7/14

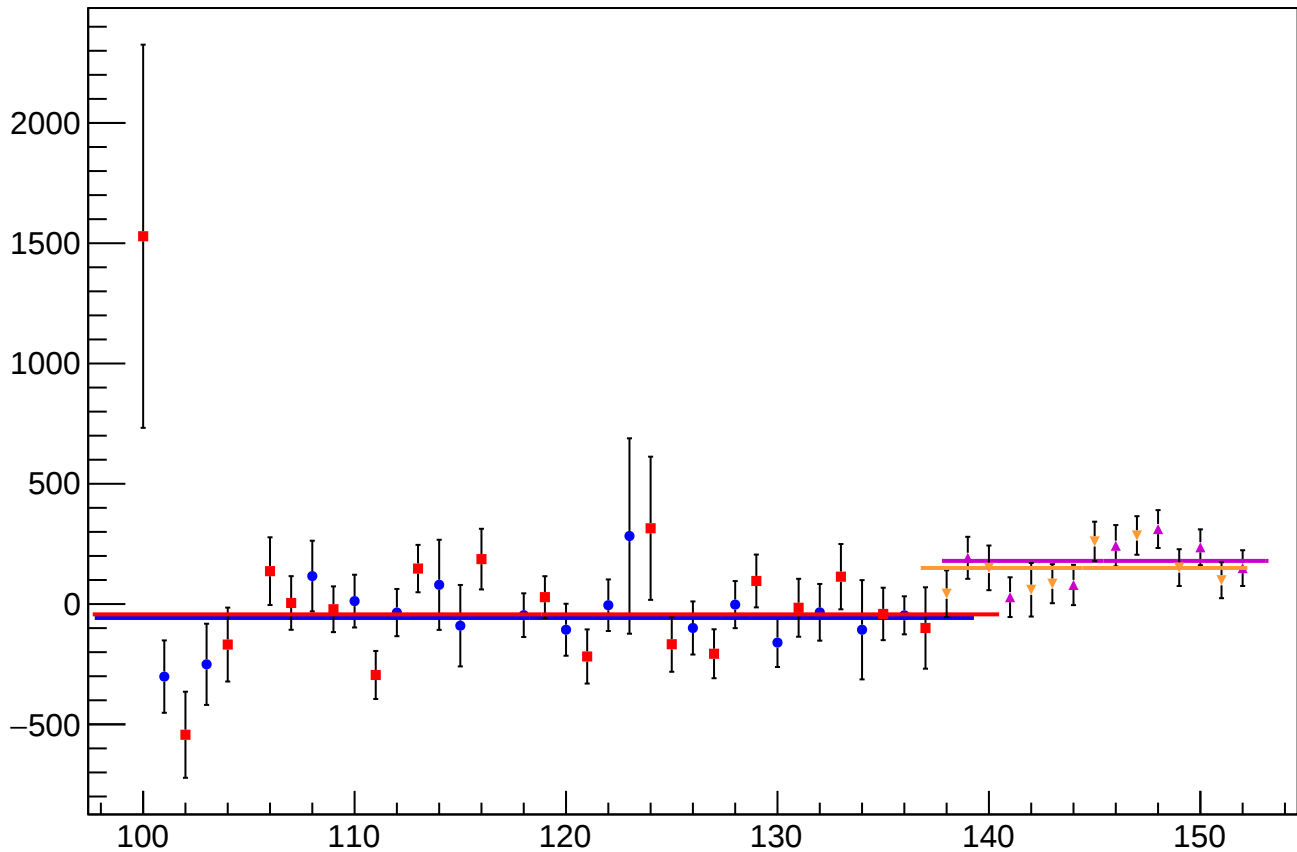
Right: 574.377 $\pm$ 0.124 χ^2/NDF : 6085244.2/35

In: 682.571 $\pm$ 0.154 χ^2/NDF :5362273.7/23

Out: 693.679 $\pm$ 0.150 χ^2/NDF :4557299.2/26

All: 688.267 $\pm$ 0.108 χ^2/NDF : 9922232.5/50

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$

Left Out: 150.101 ± 30.024 $\chi^2/\text{NDF}: 7.6/7$

Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$

Left In: 179.457 ± 30.468 $\chi^2/\text{NDF}: 8.9/6$

Left: 164.564 ± 21.385 $\chi^2/\text{NDF}: 17.0/14$

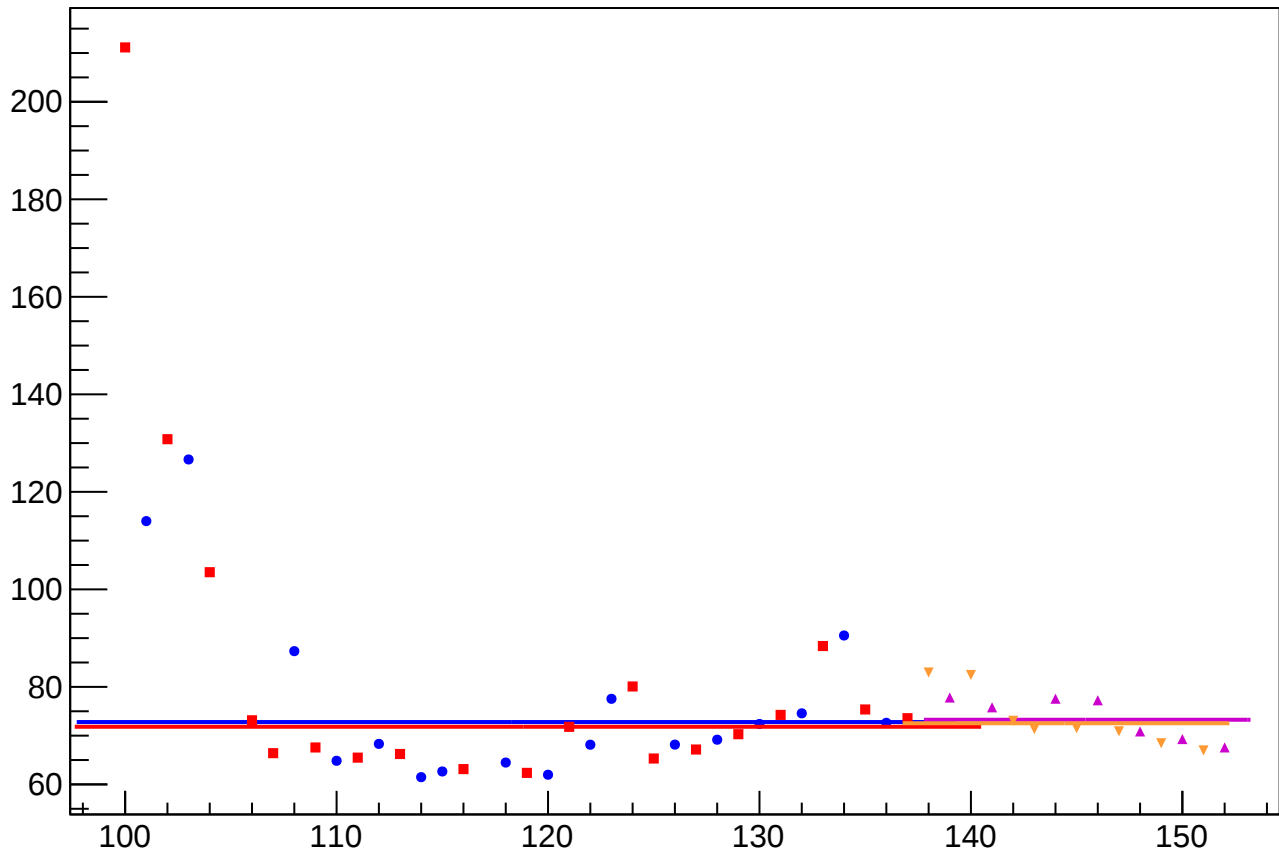
Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$

In: 53.767 ± 20.888 $\chi^2/\text{NDF}: 50.1/23$

Out: 45.884 ± 20.357 $\chi^2/\text{NDF}: 69.0/26$

All: 49.724 ± 14.579 $\chi^2/\text{NDF}: 119.2/50$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 72.541+/-0.021 χ^2/NDF : 64215.9/7

Right Out: 71.824+/-0.020 χ^2/NDF : 465654.1/18

Left In: 73.259+/-0.022 χ^2/NDF : 36130.4/6

Left: 72.894+/-0.015 χ^2/NDF : 100909.8/14

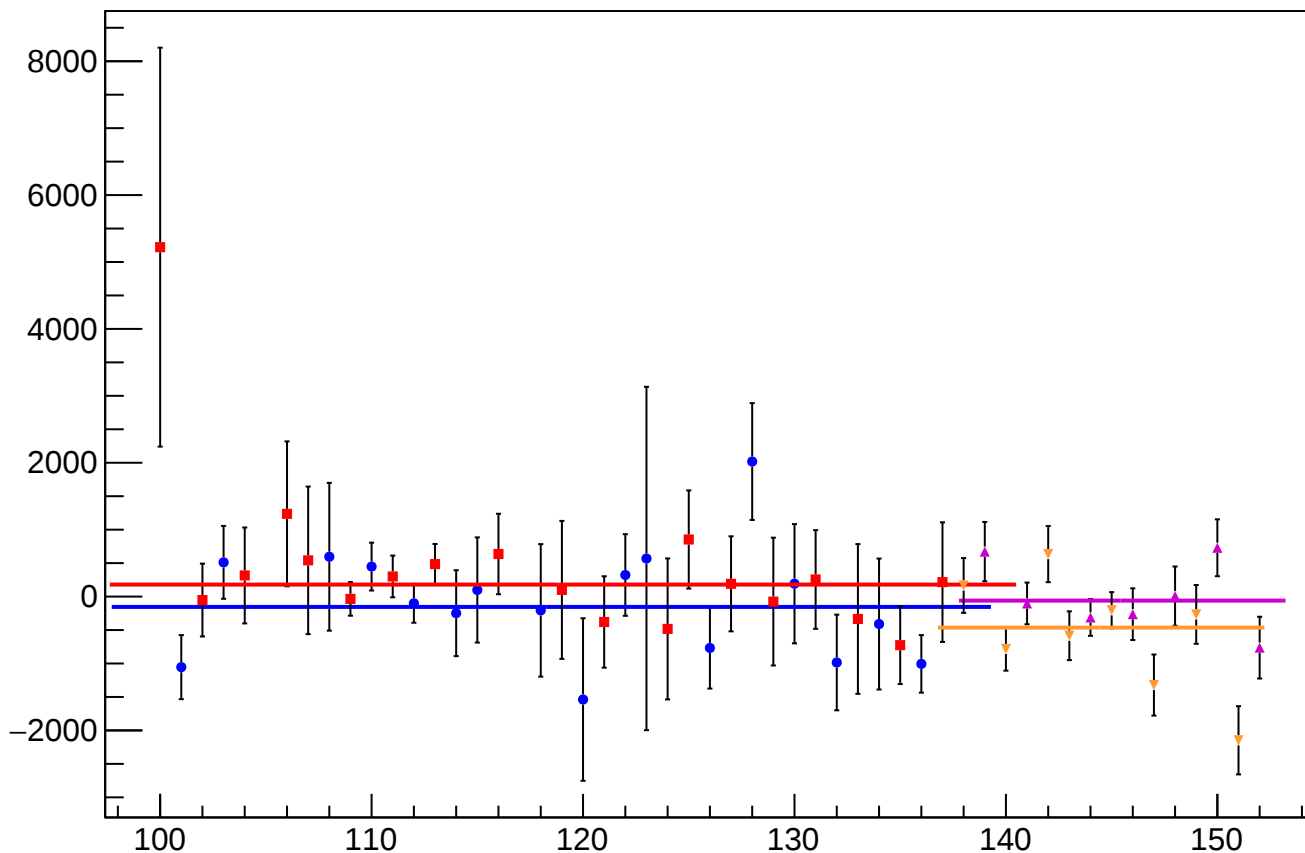
Right: 72.290+/-0.014 χ^2/NDF : 931600.5/35

In: 73.010+/-0.015 χ^2/NDF : 501154.3/23

Out: 72.153+/-0.014 χ^2/NDF : 530485.9/26

All: 72.571+/-0.010 χ^2/NDF : 1033366.1/50

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -463.369+/-133.441 χ^2/NDF : 25.9/7

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -60.252+/-140.405 χ^2/NDF : 9.7/6

Left: -272.056+/-96.725 χ^2/NDF : 39.8/14

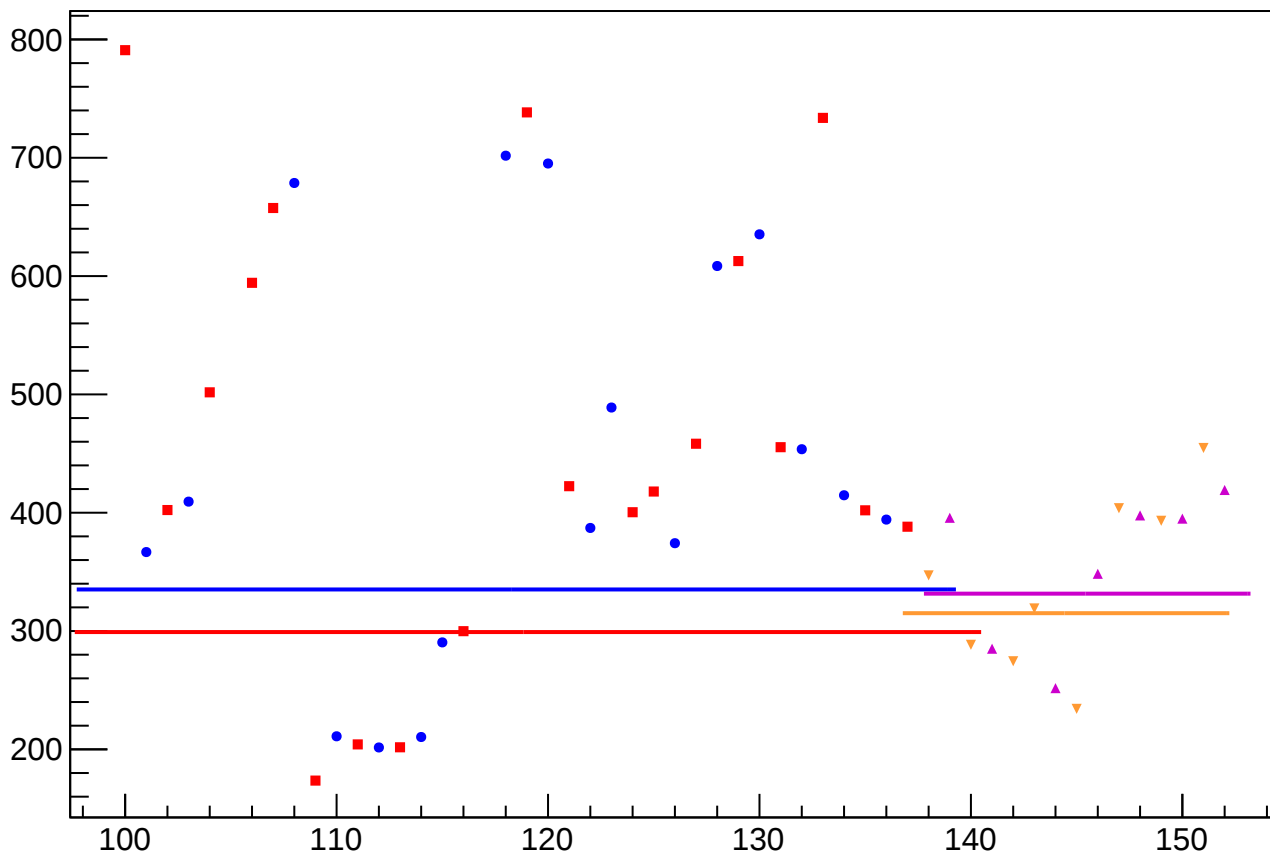
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -107.229+/-99.386 χ^2/NDF : 33.1/23

Out: -124.013+/-91.654 χ^2/NDF : 49.4/26

All: -116.299+/-67.377 χ^2/NDF : 82.5/50

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 315.087 $\pm$ 0.094 χ^2/NDF : 512331.3/7

Right Out: 299.135 $\pm$ 0.089 χ^2/NDF : 2831089.8/18

Left In: 331.594 $\pm$ 0.099 χ^2/NDF : 420992.6/6

Left: 322.921 $\pm$ 0.068 χ^2/NDF : 947848.0/14

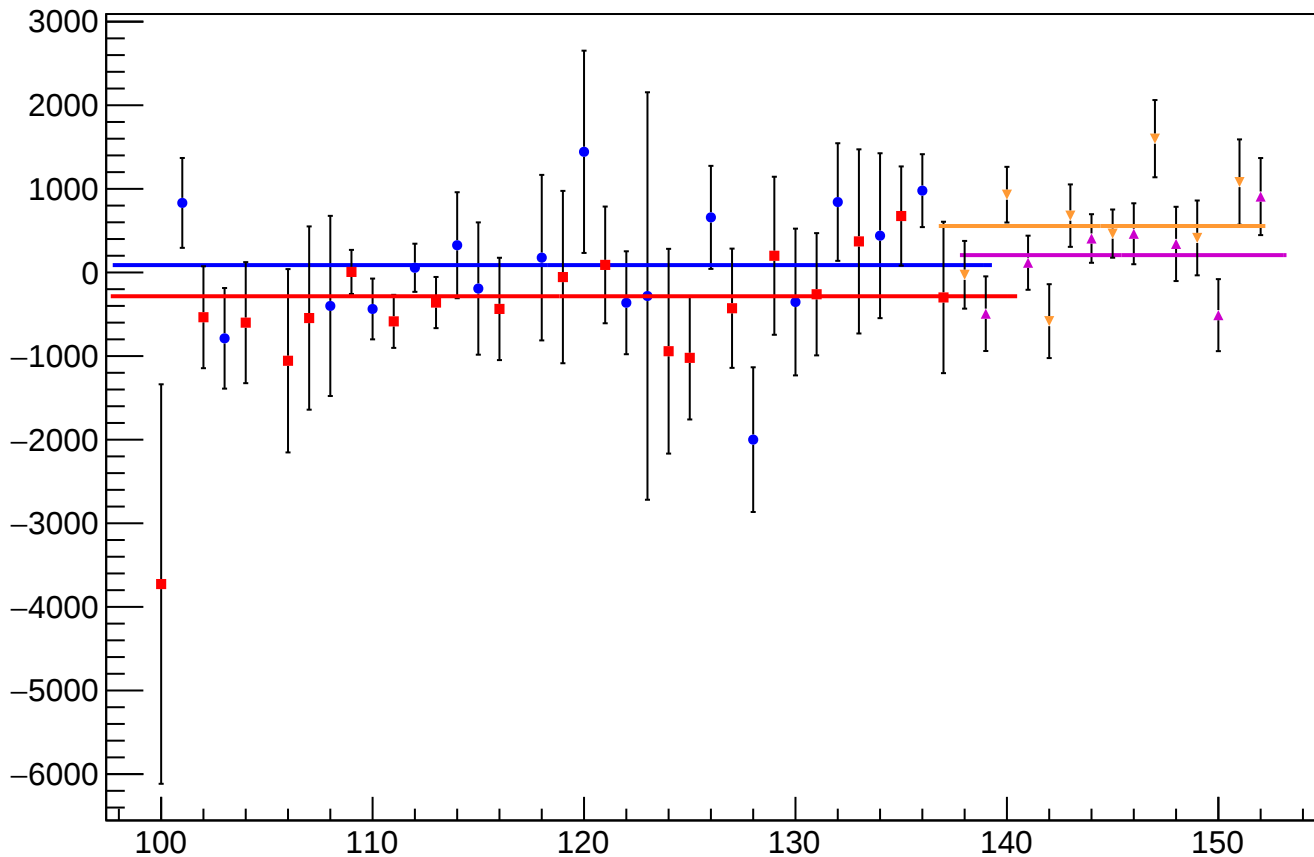
Right: 315.172 $\pm$ 0.066 χ^2/NDF : 4897737.2/35

In: 333.360 $\pm$ 0.070 χ^2/NDF : 2415672.2/23

Out: 306.661 $\pm$ 0.065 χ^2/NDF : 3358519.1/26

All: 318.932 $\pm$ 0.048 χ^2/NDF : 5852194.0/50

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 555.621+/-137.400 χ^2/NDF :16.5/7

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 207.429+/-142.714 χ^2/NDF :8.7/6

Left: 388.128+/-98.982 χ^2/NDF : 28.2/14

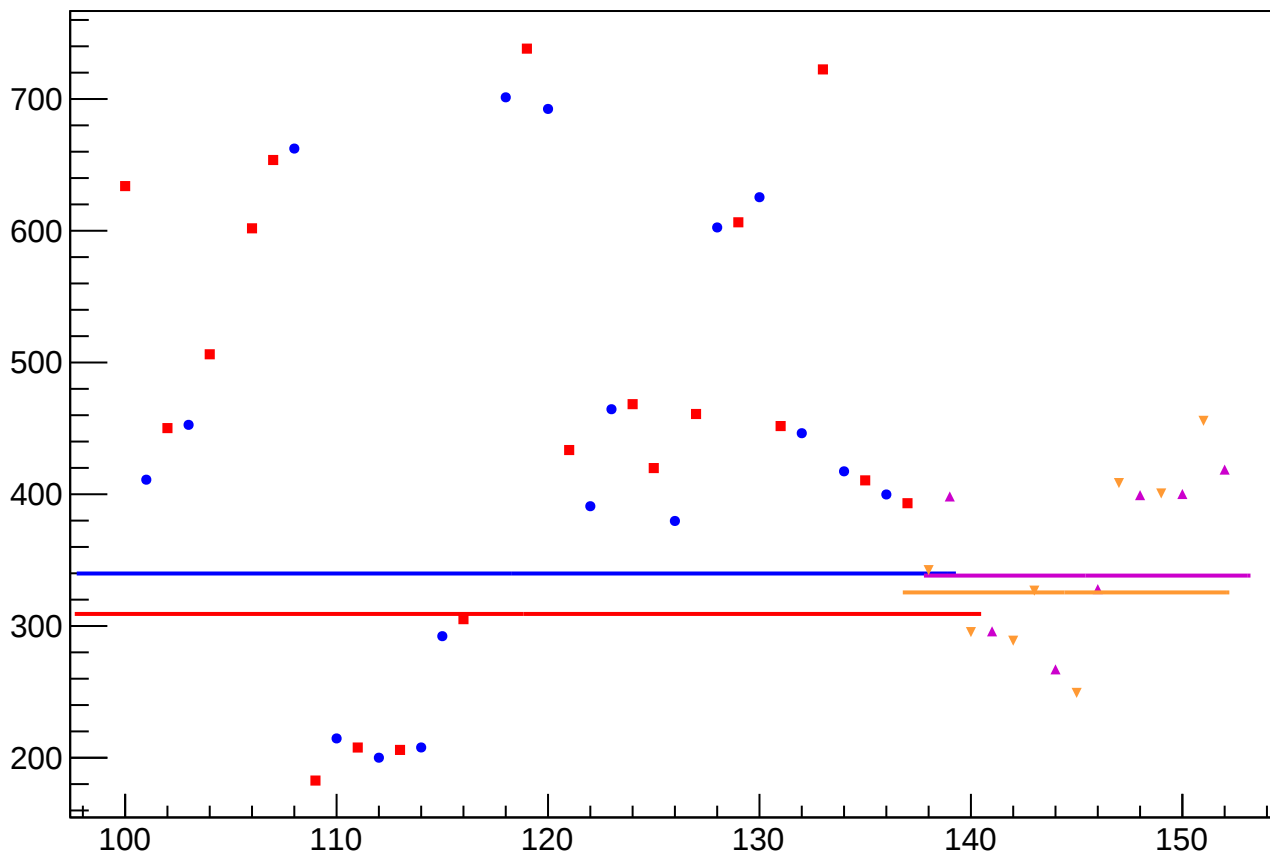
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 147.899+/-101.021 χ^2/NDF :29.8/23

Out: 111.275+/-94.307 χ^2/NDF :46.4/26

All: 128.330+/-68.937 χ^2/NDF : 76.3/50

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 325.489+/-0.097 χ^2/NDF : 424686.0/7

Right Out: 309.158+/-0.092 χ^2/NDF : 2735887.4/18

Left In: 338.264+/-0.101 χ^2/NDF : 332002.7/6

Left: 331.634+/-0.070 χ^2/NDF : 765006.1/14

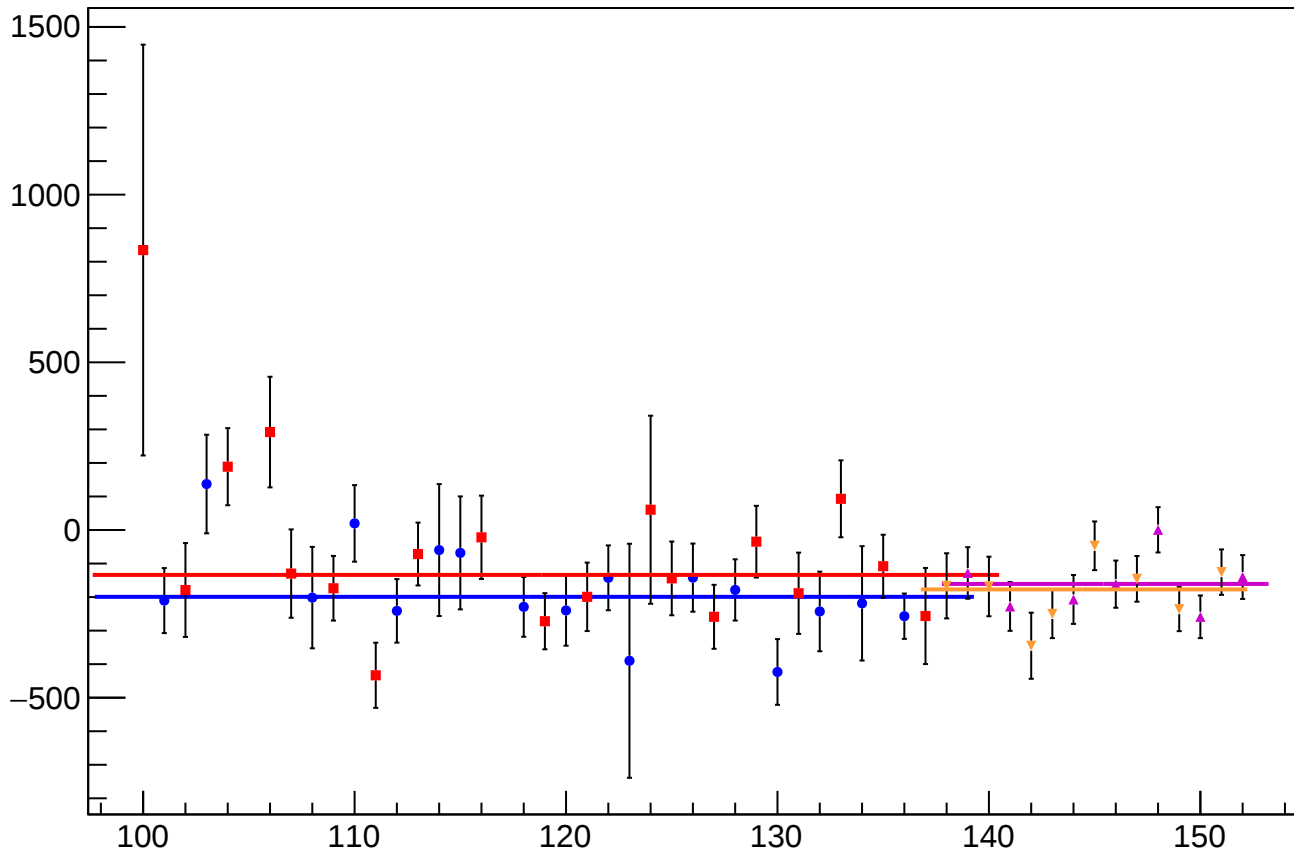
Right: 323.006+/-0.068 χ^2/NDF : 4829958.1/35

In: 339.055+/-0.071 χ^2/NDF : 2375648.3/23

Out: 316.851+/-0.067 χ^2/NDF : 3175515.6/26

All: 327.191+/-0.049 χ^2/NDF : 5602789.7/50

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -177.128 ± 26.888 $\chi^2/\text{NDF}: 8.8/7$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -160.800 ± 26.267 $\chi^2/\text{NDF}: 9.6/6$

Left: -168.773 ± 18.789 $\chi^2/\text{NDF}: 18.6/14$

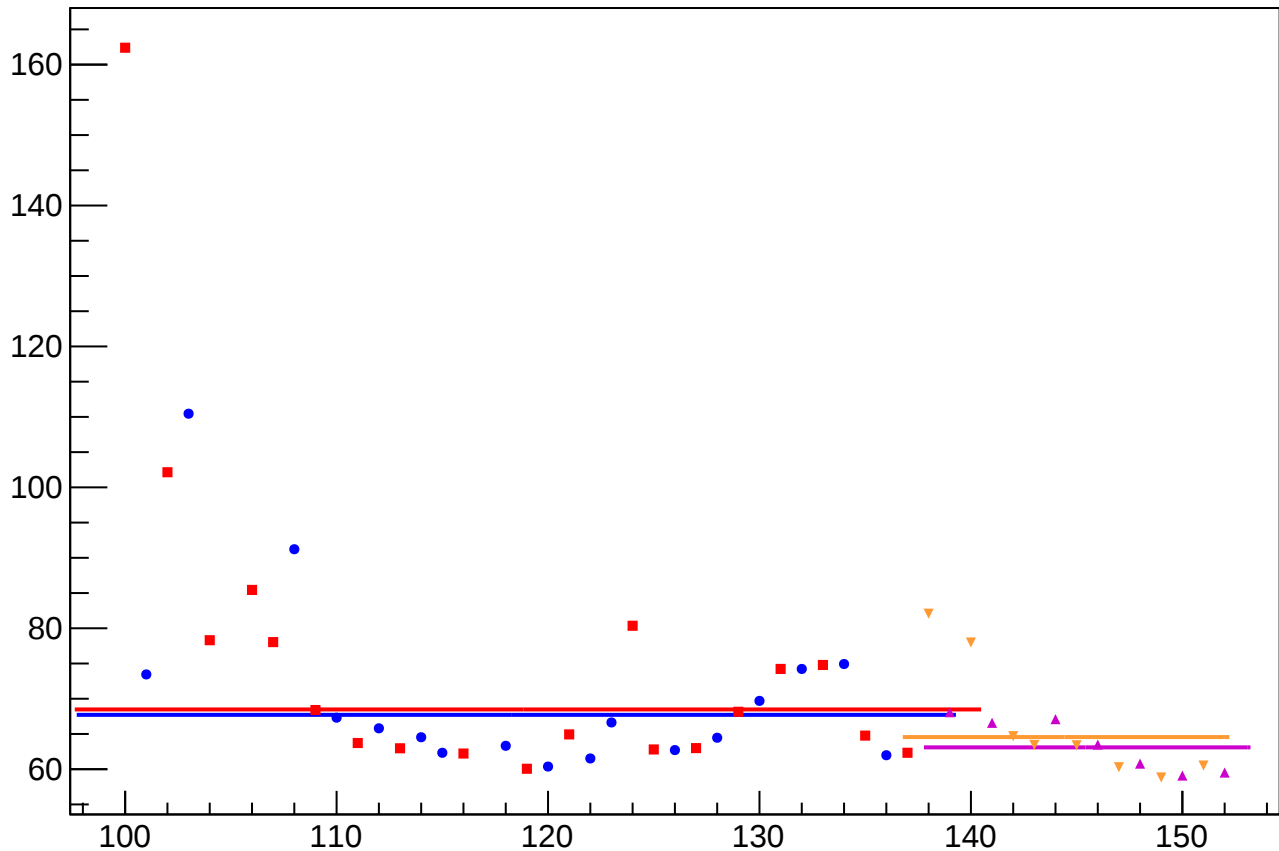
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -179.845 ± 18.661 $\chi^2/\text{NDF}: 28.3/23$

Out: -154.948 ± 18.775 $\chi^2/\text{NDF}: 49.2/26$

All: -167.473 ± 13.235 $\chi^2/\text{NDF}: 78.4/50$

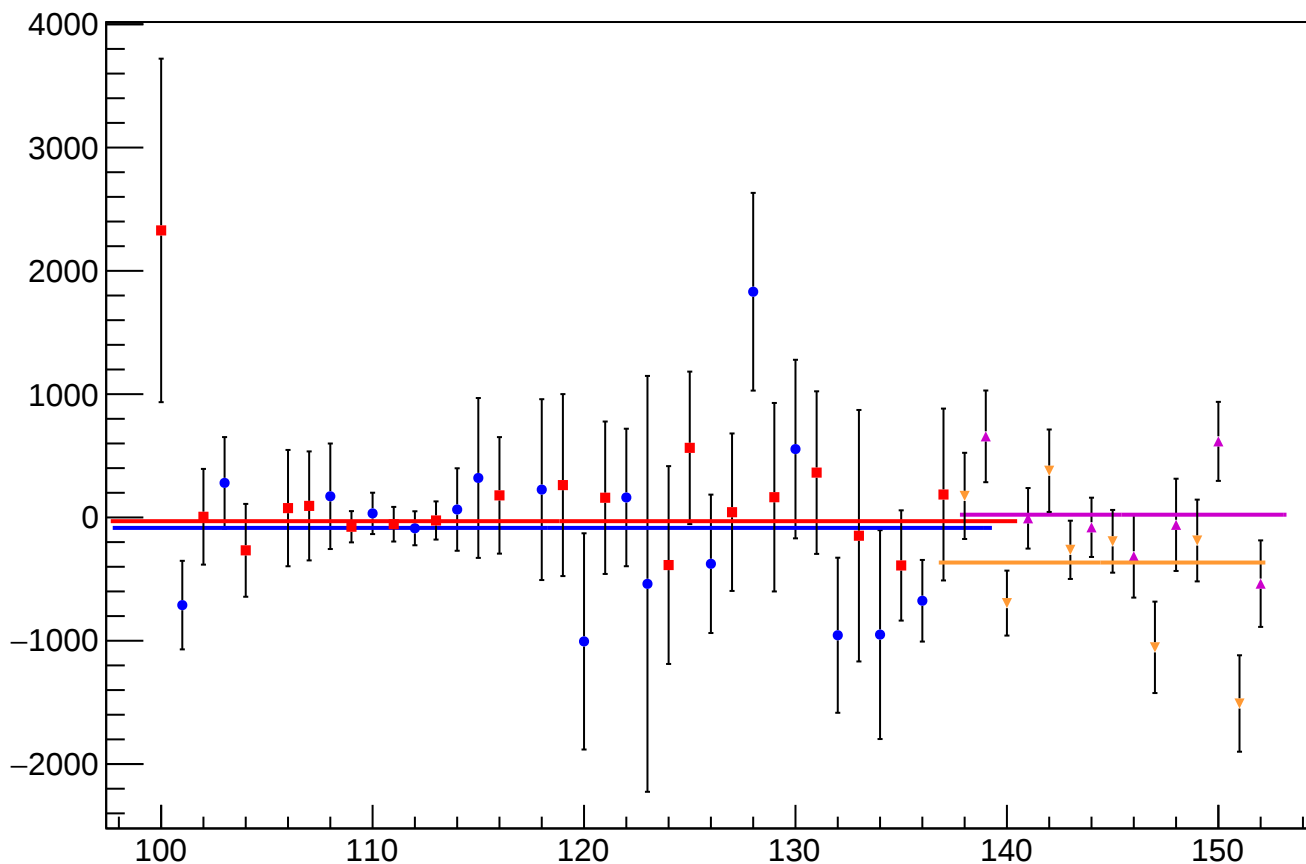
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16
 Left Out: 64.562 $\pm$ 0.019 χ^2/NDF : 141975.2/7
 Right Out: 68.481 $\pm$ 0.019 χ^2/NDF : 281423.4/18
 Left In: 63.099 $\pm$ 0.019 χ^2/NDF : 35356.6/6

Left: 63.813 $\pm$ 0.013 χ^2/NDF : 180361.2/14
 Right: 68.102 $\pm$ 0.013 χ^2/NDF : 565158.7/35
 In: 65.386 $\pm$ 0.013 χ^2/NDF : 348846.3/23
 Out: 66.570 $\pm$ 0.013 χ^2/NDF : 445171.5/26
 All: 65.974 $\pm$ 0.009 χ^2/NDF : 798022.7/50

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -365.647 ± 106.708 $\chi^2/\text{NDF}: 21.8/7$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 22.266 ± 115.452 $\chi^2/\text{NDF}: 10.2/6$

Left: -186.935 ± 78.363 $\chi^2/\text{NDF}: 38.1/14$

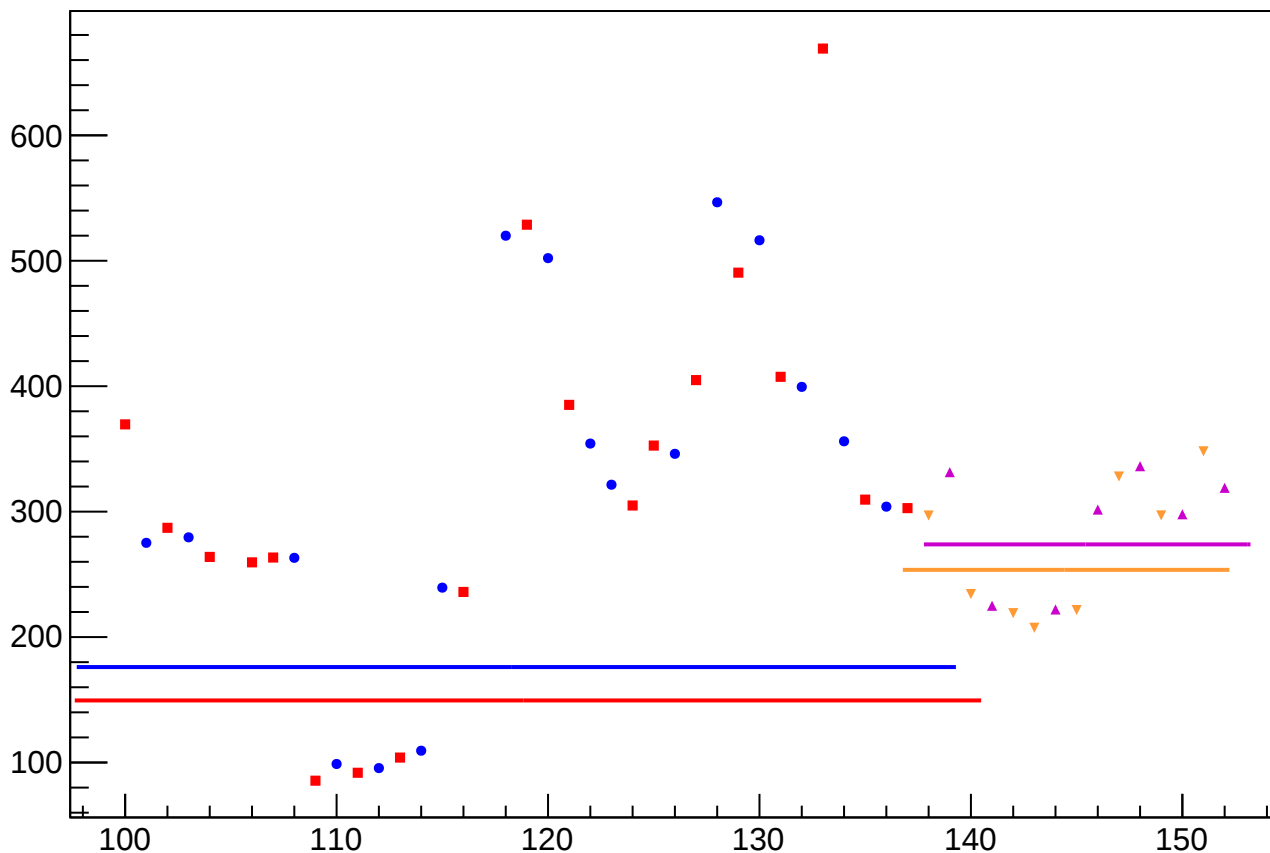
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -48.485 ± 67.214 $\chi^2/\text{NDF}: 30.6/23$

Out: -130.456 ± 58.333 $\chi^2/\text{NDF}: 35.1/26$

All: -95.240 ± 44.055 $\chi^2/\text{NDF}: 66.6/50$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 253.595+/-0.075 χ^2/NDF : 402600.6/7

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 273.892+/-0.082 χ^2/NDF : 333961.8/6

Left: 262.946+/-0.055 χ^2/NDF : 769899.5/14

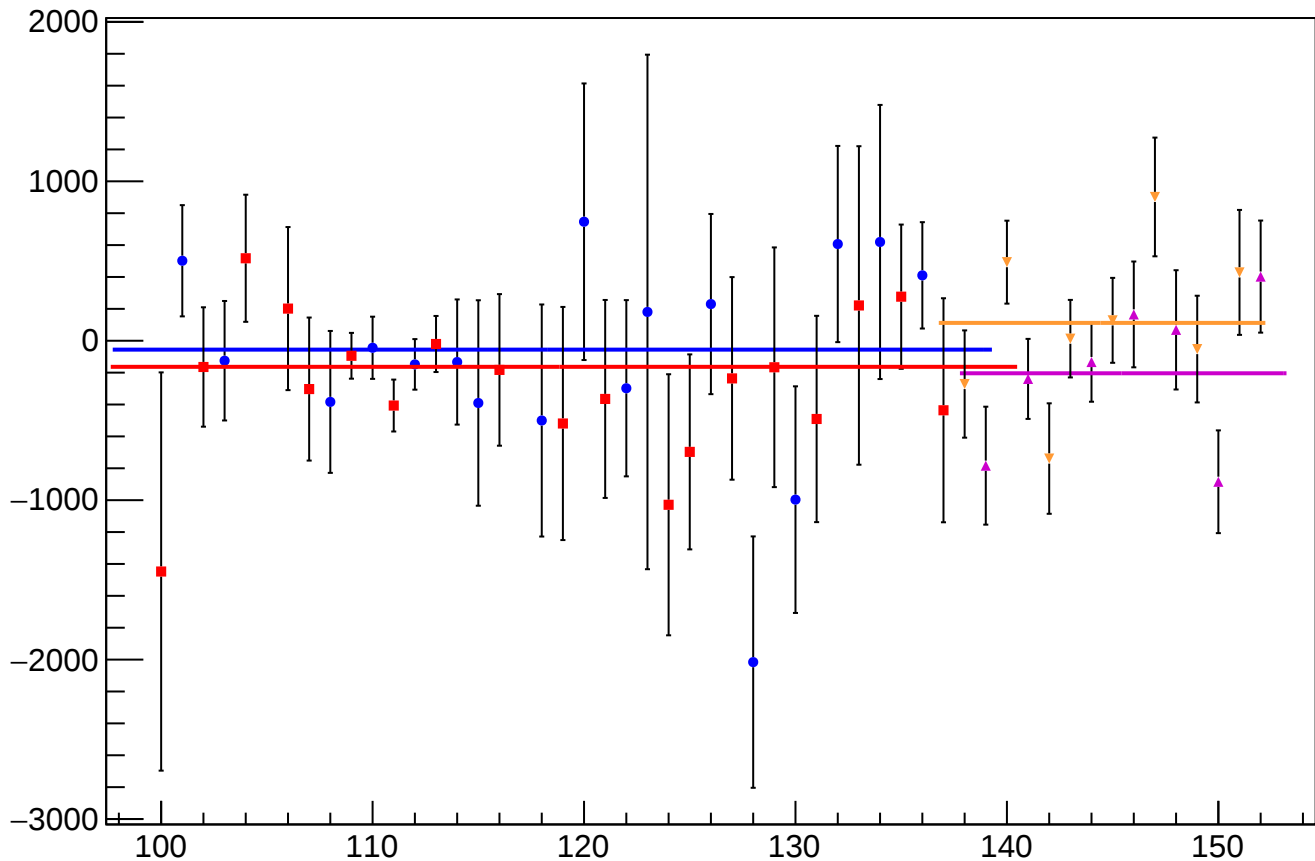
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 209.242+/-0.048 χ^2/NDF : 5506275.9/23

Out: 180.596+/-0.041 χ^2/NDF : 6558481.8/26

All: 192.903+/-0.031 χ^2/NDF : 12271981.8/50

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 111.983+/-108.081 χ^2/NDF :15.0/7

Right Out: -163.564+/-76.926 χ^2/NDF : 11.4/18

Left In: -204.051+/-116.843 χ^2/NDF :11.8/6

Left: -33.741+/-79.342 χ^2/NDF : 30.7/14

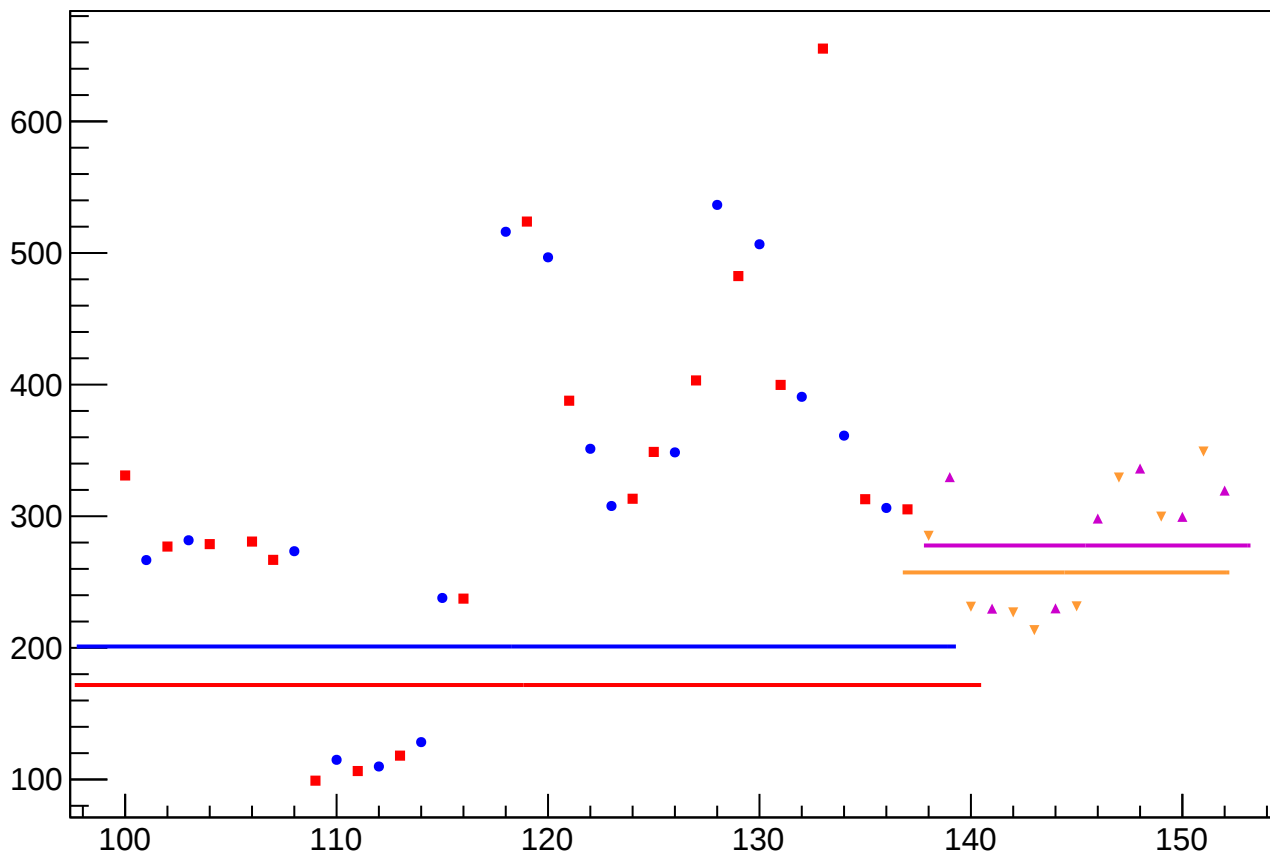
Right: -118.372+/-58.632 χ^2/NDF : 29.4/35

In: -111.397+/-71.584 χ^2/NDF :29.9/23

Out: -70.913+/-62.672 χ^2/NDF :30.8/26

All: -88.479+/-47.154 χ^2/NDF : 60.9/50

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 257.301 $\pm$ 0.076 χ^2/NDF :349869.4/7

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 277.775 $\pm$ 0.083 χ^2/NDF :279776.2/6

Left: 266.742 $\pm$ 0.056 χ^2/NDF : 662737.6/14

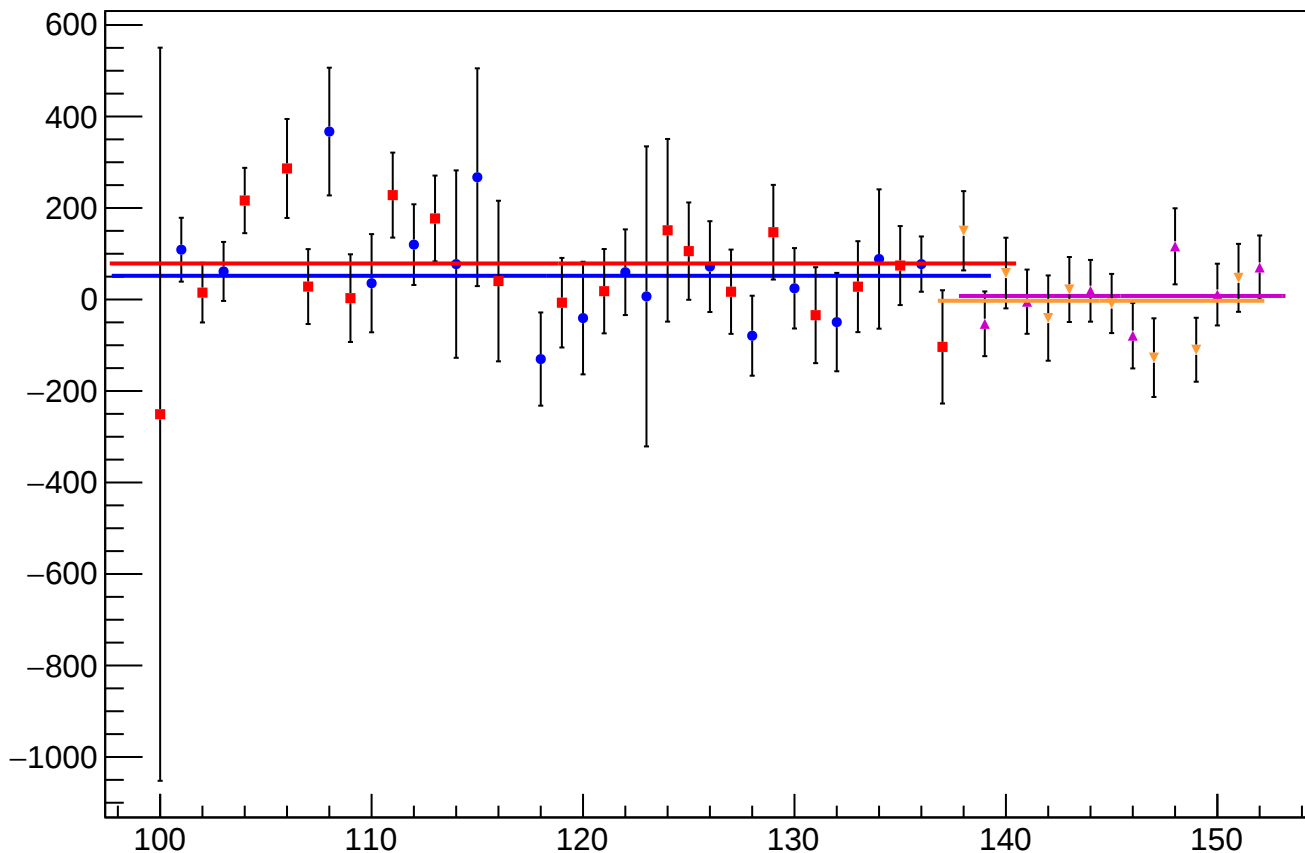
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 229.840 $\pm$ 0.051 χ^2/NDF :4251688.1/23

Out: 200.526 $\pm$ 0.044 χ^2/NDF :5279548.6/26

All: 213.246 $\pm$ 0.033 χ^2/NDF : 9721085.9/50

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: -2.767 $\pm$ 26.973 χ^2 /NDF: 8.9/7

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 7.746 $\pm$ 26.858 χ^2 /NDF: 4.8/6

Left: 2.512 $\pm$ 19.032 χ^2 /NDF: 13.8/14

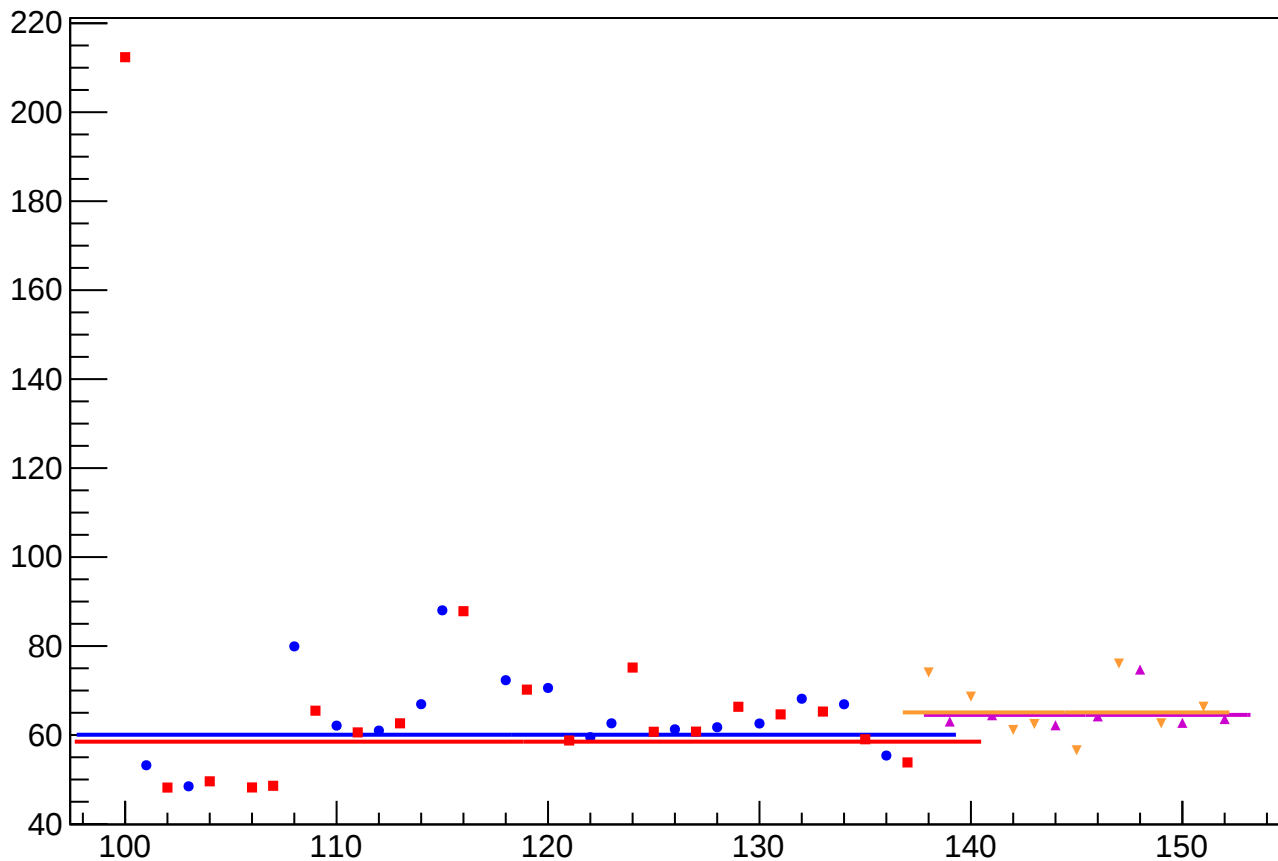
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 32.662 $\pm$ 17.702 χ^2 /NDF: 20.8/23

Out: 45.318 $\pm$ 17.273 χ^2 /NDF: 33.4/26

All: 39.145 $\pm$ 12.363 χ^2 /NDF: 54.5/50

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065+/-0.017 χ^2/NDF : 229098.7/16

Left Out: 65.085+/-0.019 χ^2/NDF : 102375.7/7

Right Out: 58.508+/-0.016 χ^2/NDF : 348822.3/18

Left In: 64.527+/-0.019 χ^2/NDF : 35119.2/6

Left: 64.805+/-0.013 χ^2/NDF : 137924.4/14

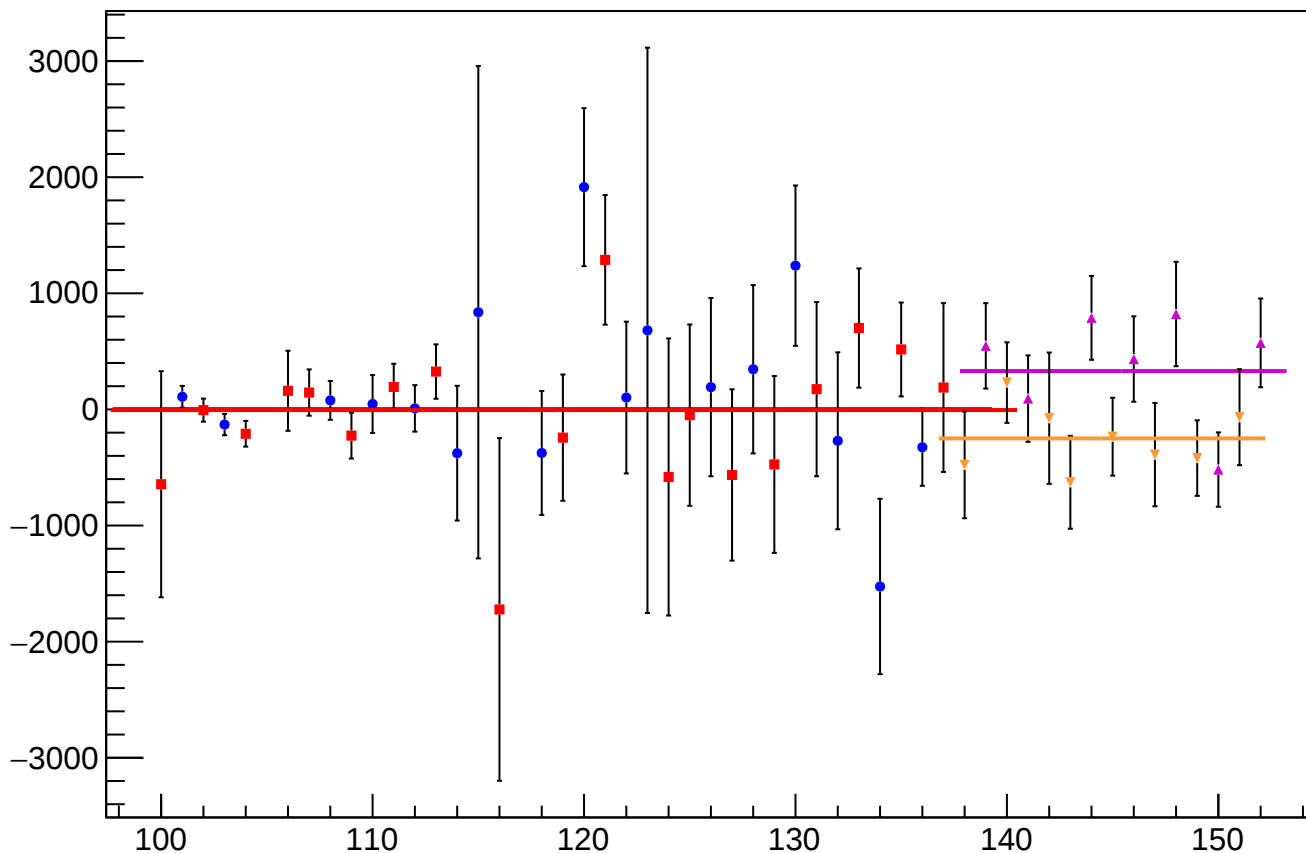
Right: 59.251+/-0.011 χ^2/NDF : 582496.2/35

In: 62.003+/-0.013 χ^2/NDF : 295432.7/23

Out: 61.205+/-0.012 χ^2/NDF : 521330.7/26

All: 61.595+/-0.009 χ^2/NDF : 818846.0/50

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: -249.787 ± 139.114 $\chi^2/\text{NDF}: 3.7/7$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 330.166 ± 139.737 $\chi^2/\text{NDF}: 11.1/6$

Left: 38.893 ± 98.588 $\chi^2/\text{NDF}: 23.4/14$

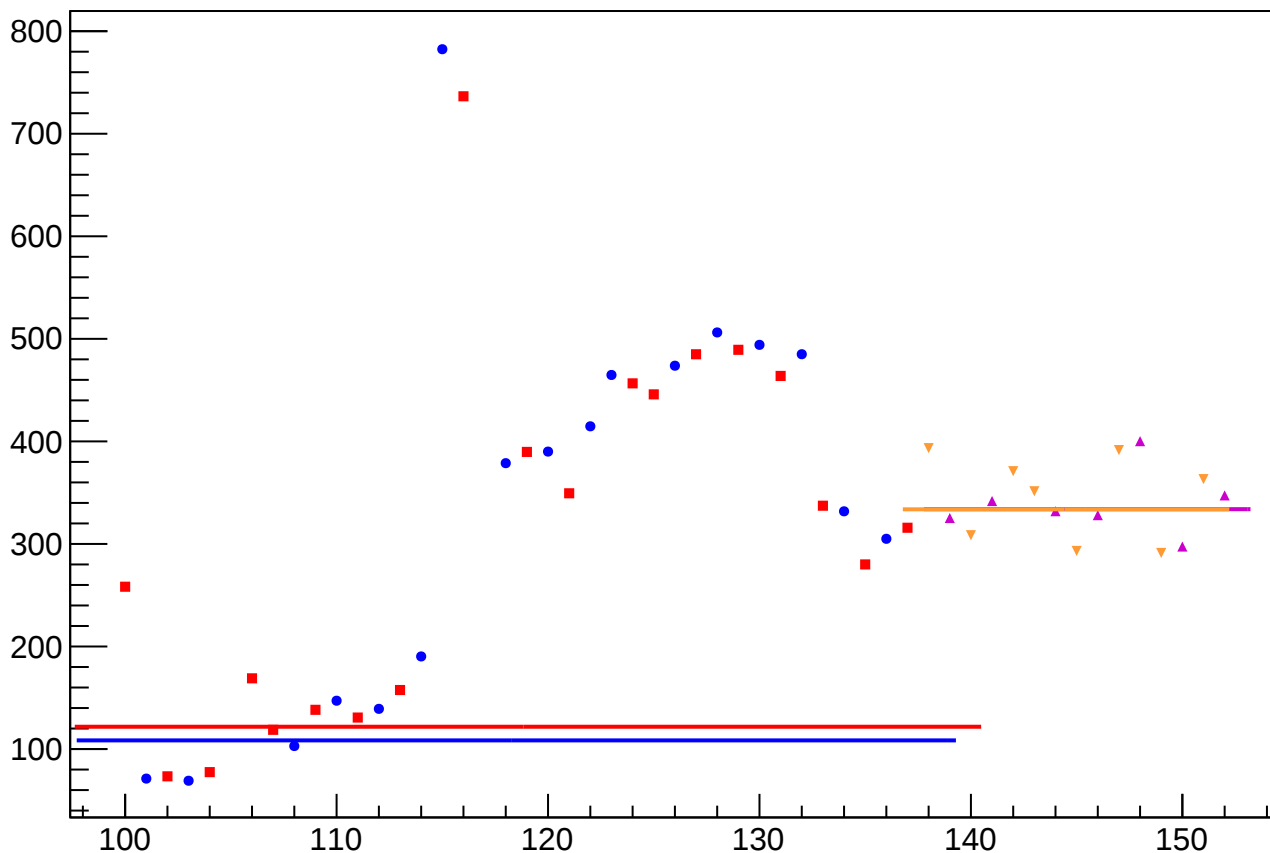
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 44.666 ± 50.600 $\chi^2/\text{NDF}: 37.2/23$

Out: -40.022 ± 52.360 $\chi^2/\text{NDF}: 27.0/26$

All: 3.769 ± 36.386 $\chi^2/\text{NDF}: 65.6/50$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 333.769 $\pm$ 0.098 χ^2 /NDF:164192.5/7

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 333.912 $\pm$ 0.099 χ^2 /NDF:74474.1/6

Left: 333.841 $\pm$ 0.070 χ^2 /NDF: 238667.6/14

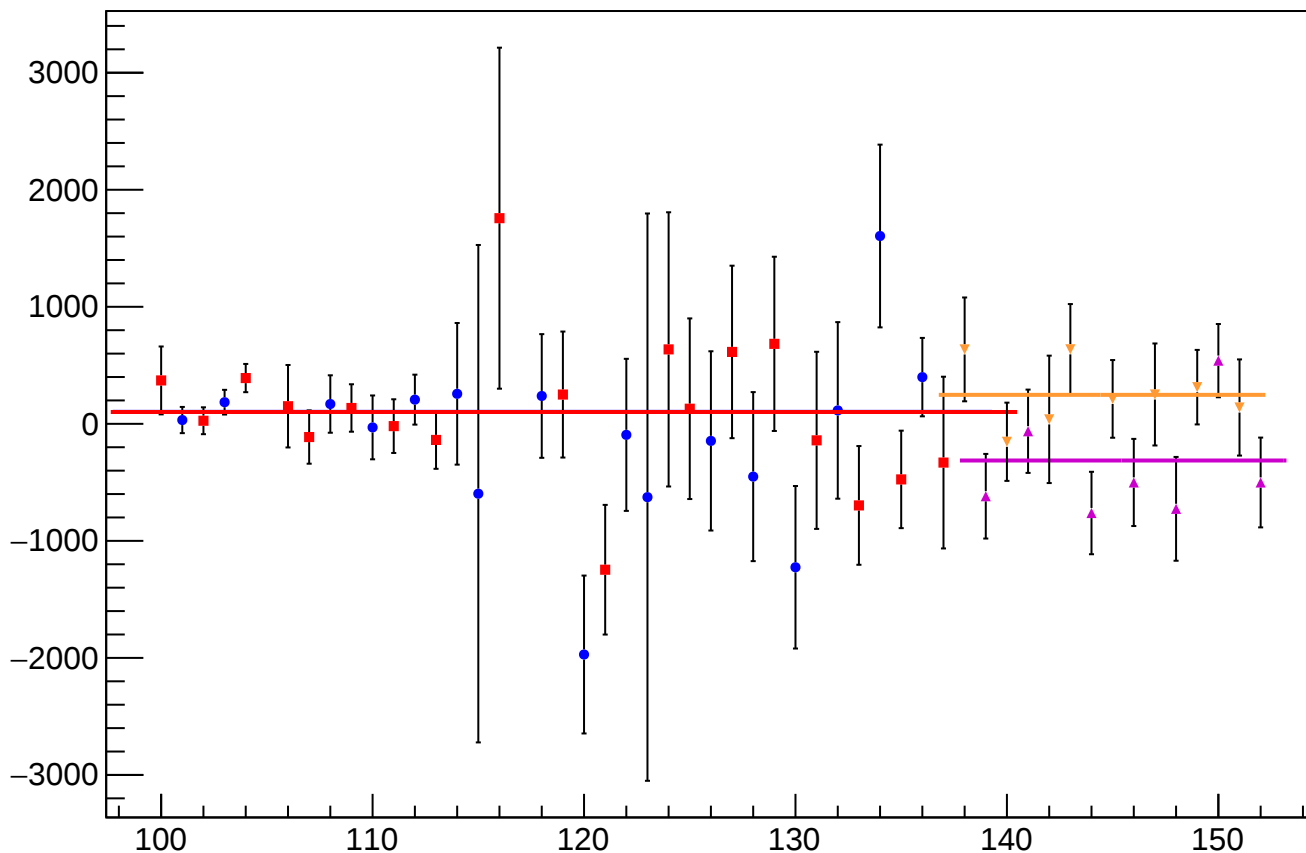
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 138.009 $\pm$ 0.036 χ^2 /NDF:10002676.0/23

Out: 151.798 $\pm$ 0.037 χ^2 /NDF:8922132.9/26

All: 144.668 $\pm$ 0.026 χ^2 /NDF: 18996535.0/50

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 247.592 $\pm$ 135.784 χ^2 /NDF:3.5/7

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -313.306 $\pm$ 137.477 χ^2 /NDF:11.6/6

Left: -29.384 $\pm$ 96.607 χ^2 /NDF: 23.5/14

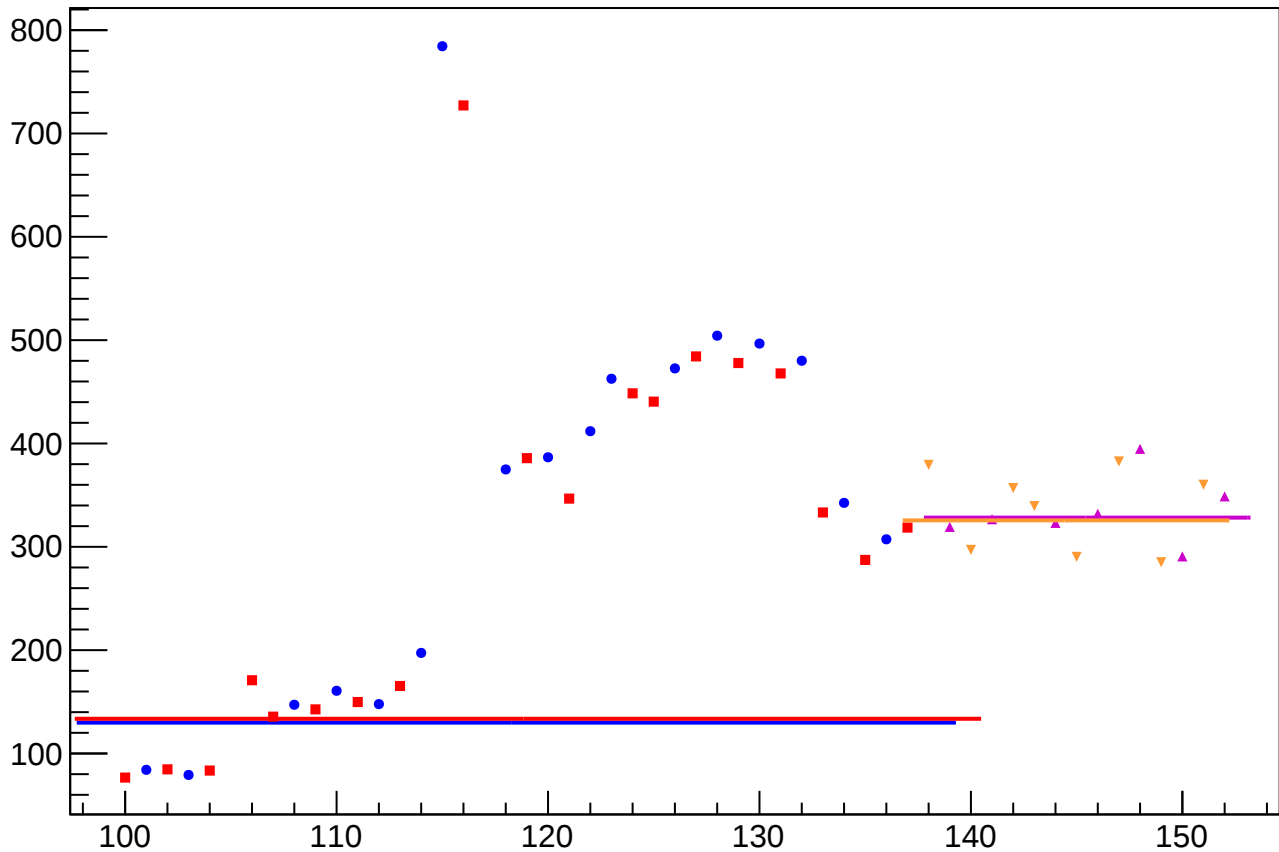
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 29.863 $\pm$ 57.368 χ^2 /NDF:39.4/23

Out: 125.720 $\pm$ 55.526 χ^2 /NDF:27.1/26

All: 79.356 $\pm$ 39.898 χ^2 /NDF: 68.0/50

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 325.585+/-0.096 χ^2/NDF :156456.9/7

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 328.260+/-0.097 χ^2/NDF :81419.7/6

Left: 326.906+/-0.068 χ^2/NDF : 238260.0/14

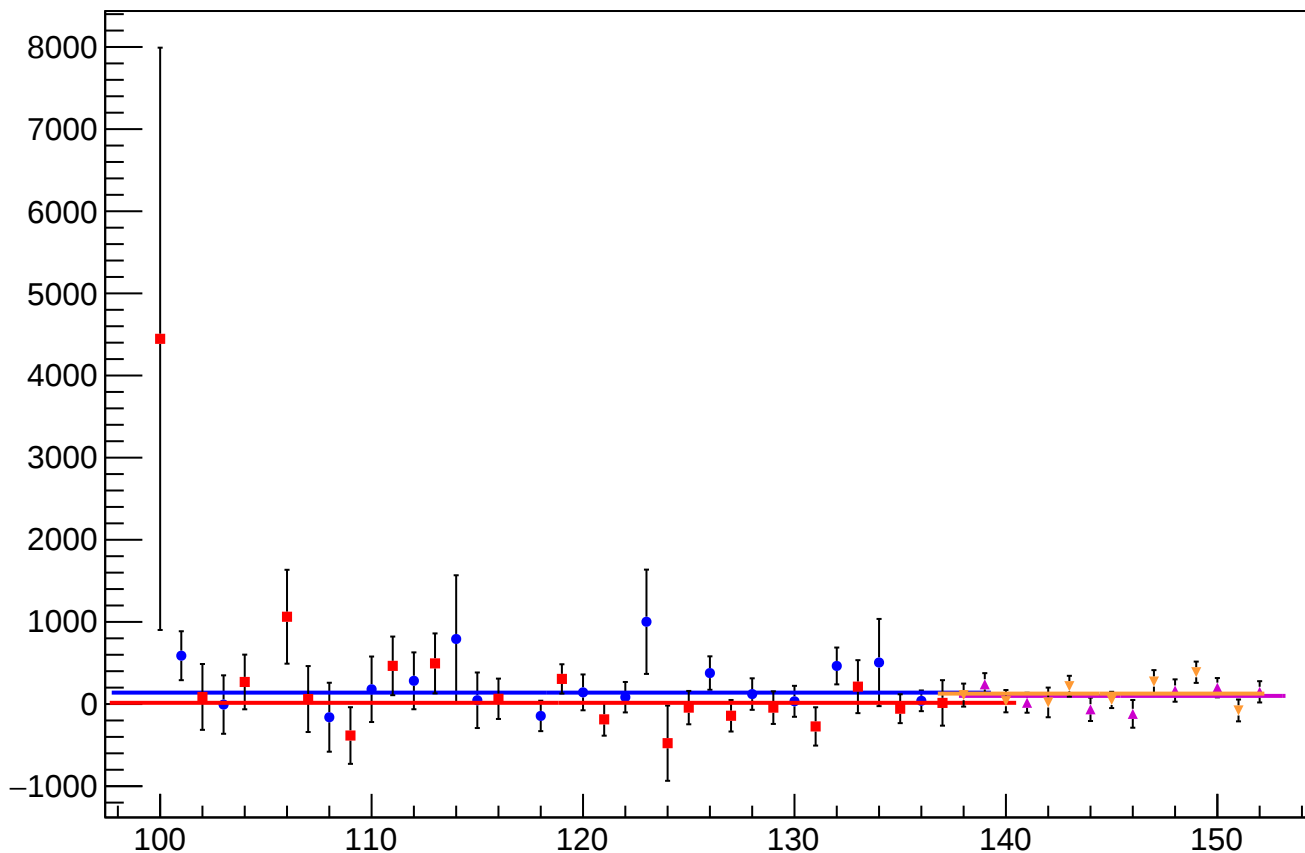
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 164.428+/-0.041 χ^2/NDF :8350152.6/23

Out: 165.707+/-0.039 χ^2/NDF :7849286.2/26

All: 165.089+/-0.028 χ^2/NDF : 16199952.3/50

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: 127.106 $\pm$ 46.234 χ^2 /NDF: 9.5/7

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 99.282 $\pm$ 50.506 χ^2 /NDF: 5.6/6

Left: 114.420 $\pm$ 34.103 χ^2 /NDF: 15.2/14

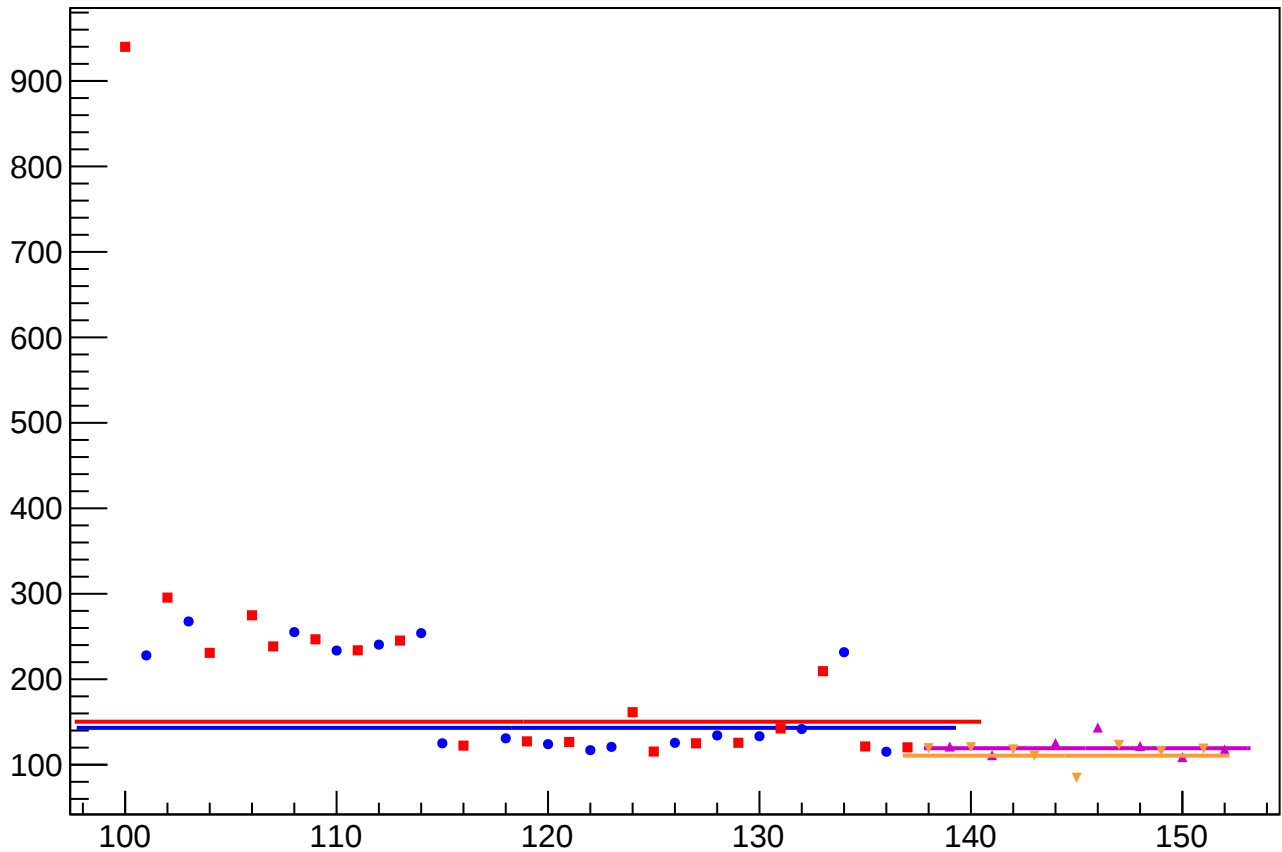
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 116.457 $\pm$ 38.084 χ^2 /NDF: 19.0/23

Out: 85.411 $\pm$ 36.650 χ^2 /NDF: 29.6/26

All: 100.338 $\pm$ 26.408 χ^2 /NDF: 49.0/50

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 110.614 $\pm$ 0.033 χ^2 /NDF:185247.2/7

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 119.321 $\pm$ 0.036 χ^2 /NDF:70896.1/6

Left: 114.584 $\pm$ 0.024 χ^2 /NDF: 288485.8/14

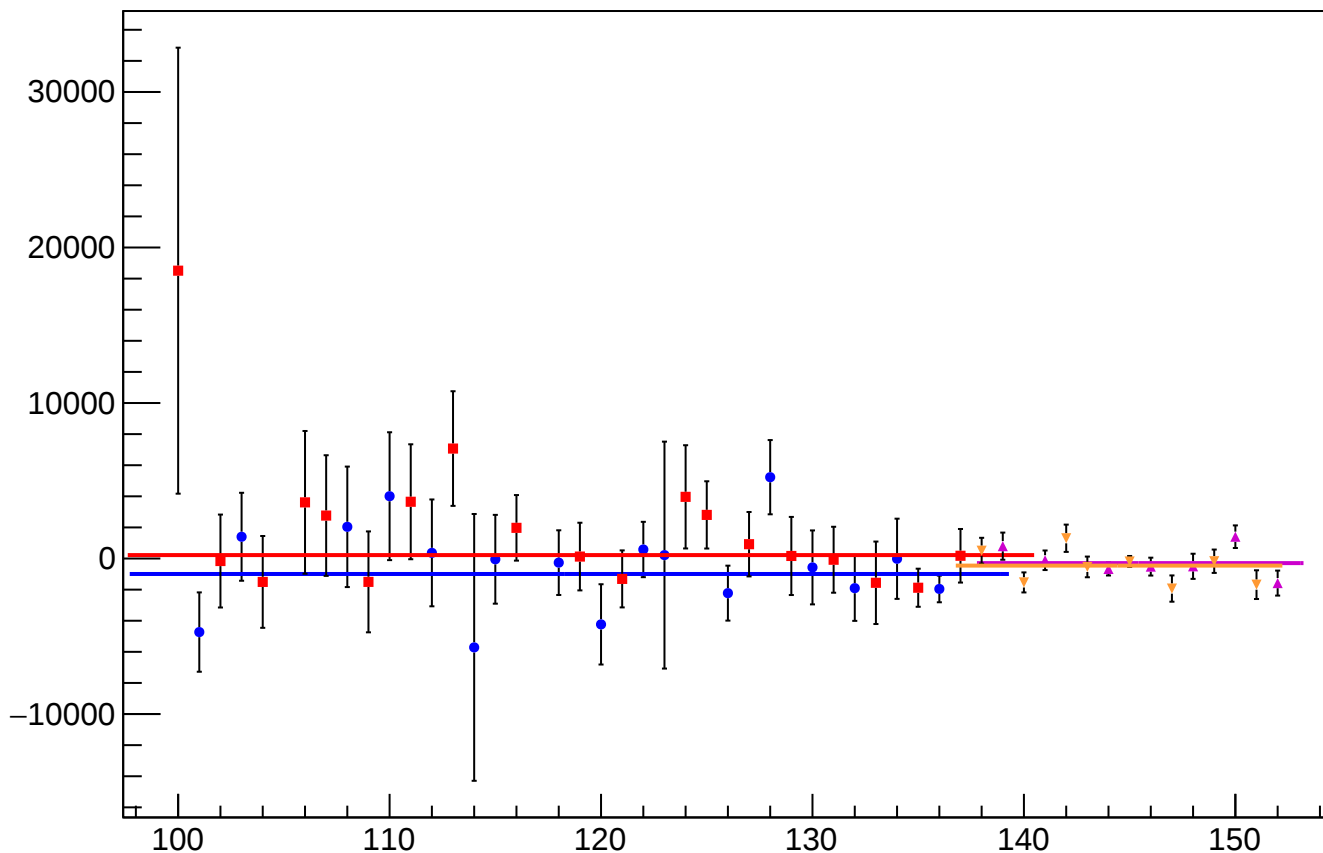
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 129.597 $\pm$ 0.027 χ^2 /NDF:1364061.9/23

Out: 125.376 $\pm$ 0.026 χ^2 /NDF:2165932.3/26

All: 127.406 $\pm$ 0.019 χ^2 /NDF: 3542747.8/50

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -454.987+/-224.892 χ^2/NDF :13.7/7

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -294.679+/-239.139 χ^2/NDF :10.7/6

Left: -379.750+/-163.828 χ^2/NDF : 24.6/14

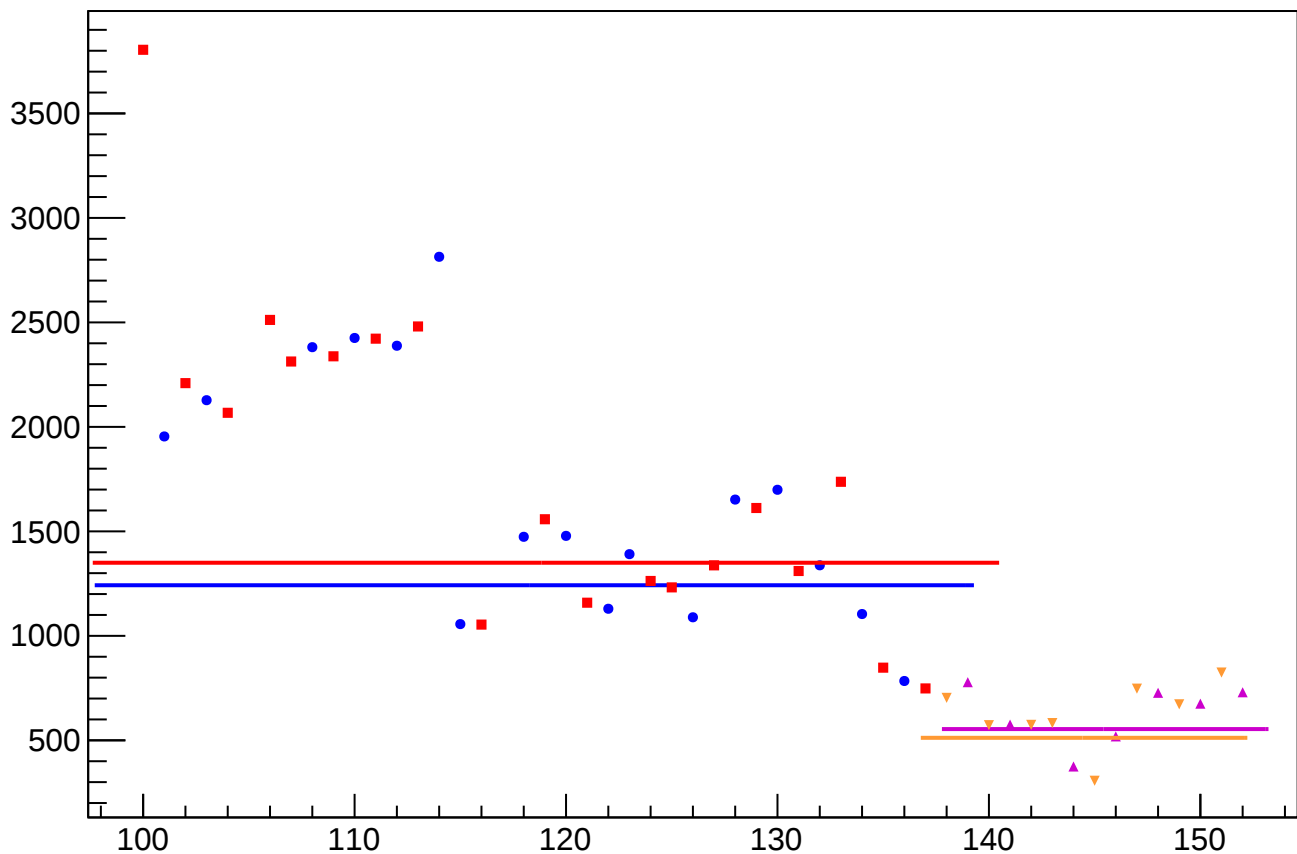
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -418.104+/-217.005 χ^2/NDF :29.1/23

Out: -356.092+/-207.801 χ^2/NDF :30.2/26

All: -385.755+/-150.086 χ^2/NDF : 59.4/50

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 512.061+/-0.159 χ^2/NDF : 1306999.4/7

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 553.887+/-0.169 χ^2/NDF : 748605.5/6

Left: 531.691+/-0.116 χ^2/NDF : 2088073.0/14

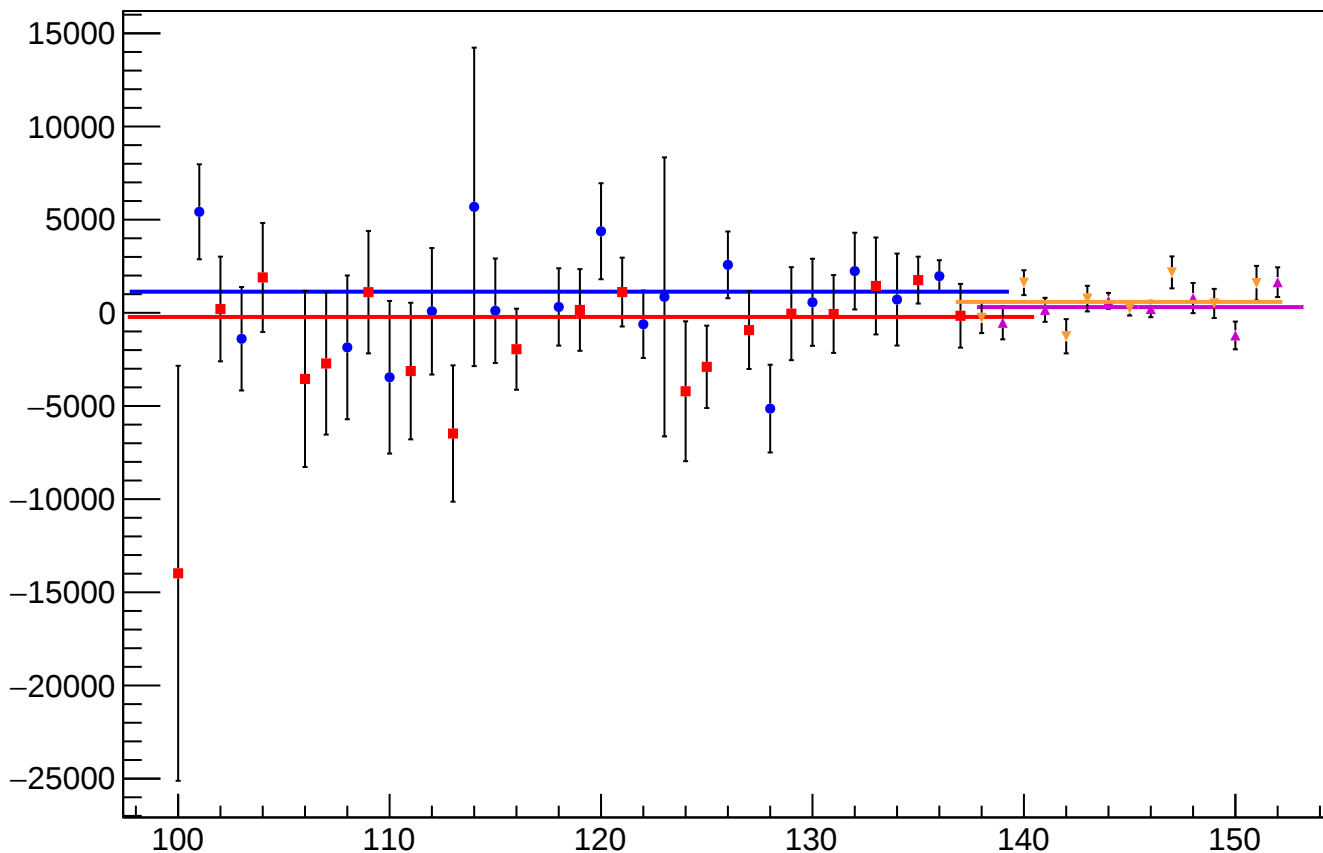
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 675.403+/-0.153 χ^2/NDF : 5441029.5/23

Out: 634.565+/-0.147 χ^2/NDF : 7233468.4/26

All: 654.100+/-0.106 χ^2/NDF : 12711445.3/50

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 586.036+/-235.189 χ^2/NDF : 13.0/7

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 307.789+/-228.075 χ^2/NDF : 9.0/6

Left: 442.641+/-163.730 χ^2/NDF : 22.7/14

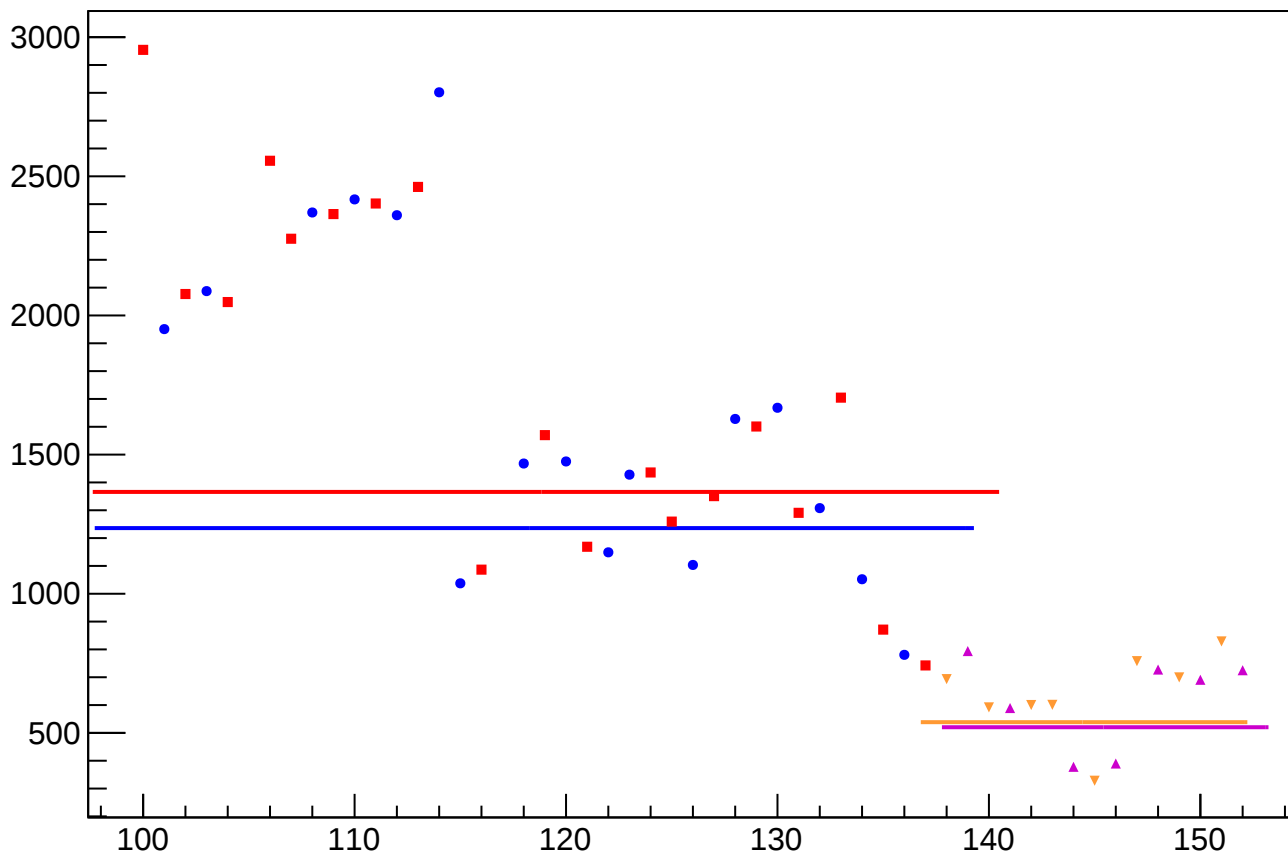
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 444.005+/-208.457 χ^2/NDF : 28.9/23

Out: 460.349+/-216.096 χ^2/NDF : 28.3/26

All: 451.883+/-150.029 χ^2/NDF : 57.2/50

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 538.535+/-0.166 χ^2/NDF : 1129917.5/7

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 520.354+/-0.161 χ^2/NDF : 977179.3/6

Left: 529.165+/-0.116 χ^2/NDF : 2113256.7/14

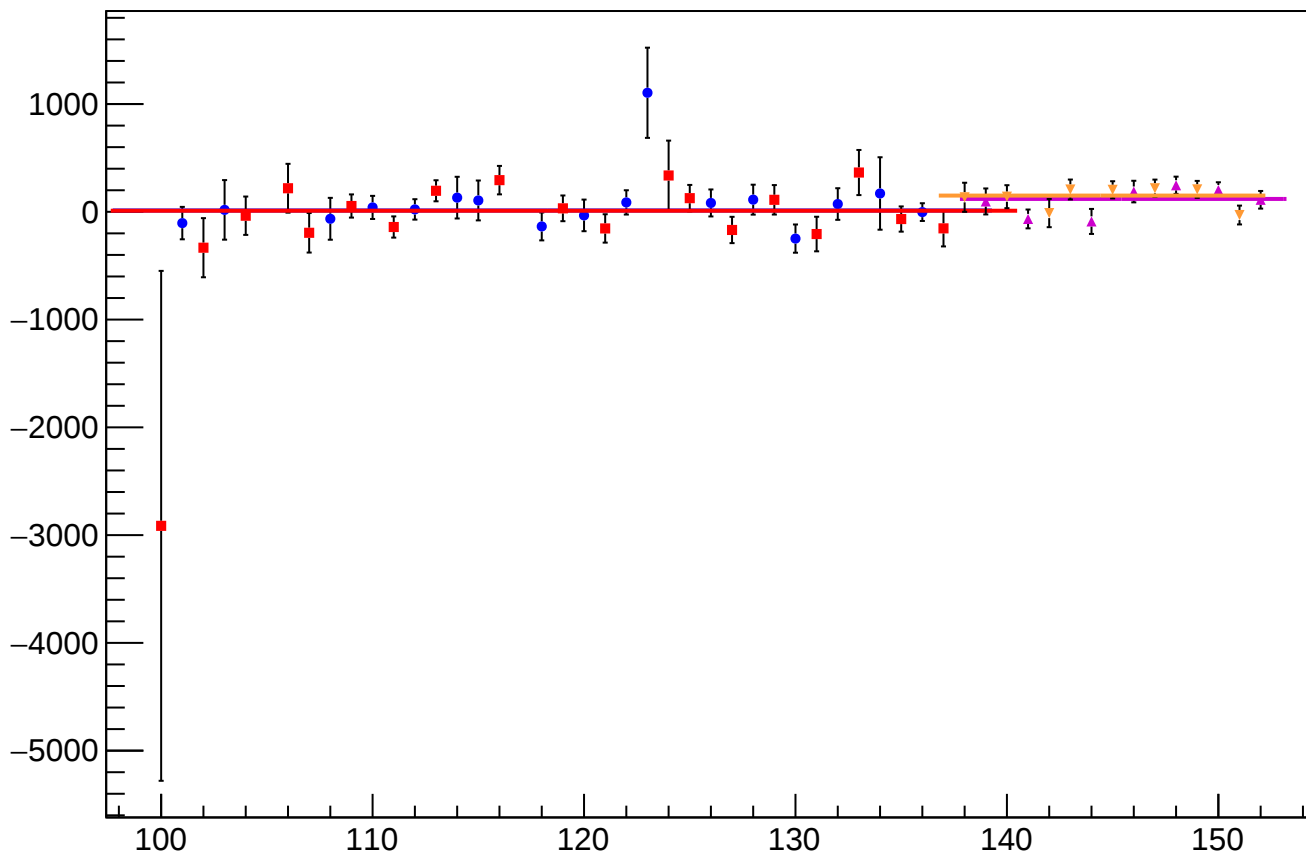
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 638.157+/-0.147 χ^2/NDF : 5964019.7/23

Out: 667.420+/-0.153 χ^2/NDF : 6735771.1/26

All: 652.262+/-0.106 χ^2/NDF : 12718787.4/50

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 150.602+/-32.918 χ^2/NDF : 7.9/7

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 119.467+/-33.864 χ^2/NDF : 12.1/6

Left: 135.475+/-23.604 χ^2/NDF : 20.4/14

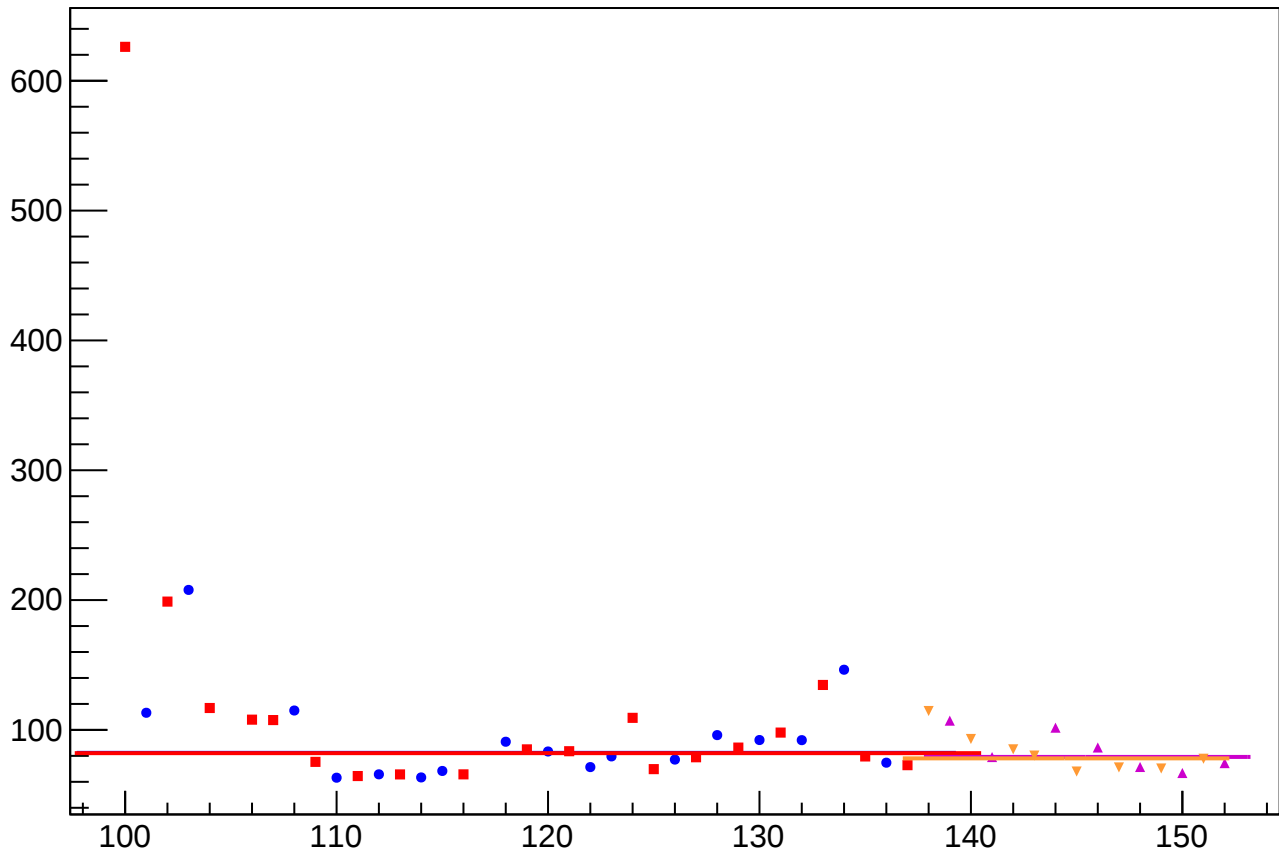
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 64.872+/-23.717 χ^2/NDF : 32.6/23

Out: 79.643+/-23.164 χ^2/NDF : 45.4/26

All: 72.432+/-16.572 χ^2/NDF : 78.1/50

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 78.073+/-0.023 χ^2/NDF : 259300.7/7

Right Out: 82.091+/-0.023 χ^2/NDF : 959008.5/18

Left In: 79.180+/-0.024 χ^2/NDF : 278041.8/6

Left: 78.611+/-0.017 χ^2/NDF : 538440.6/14

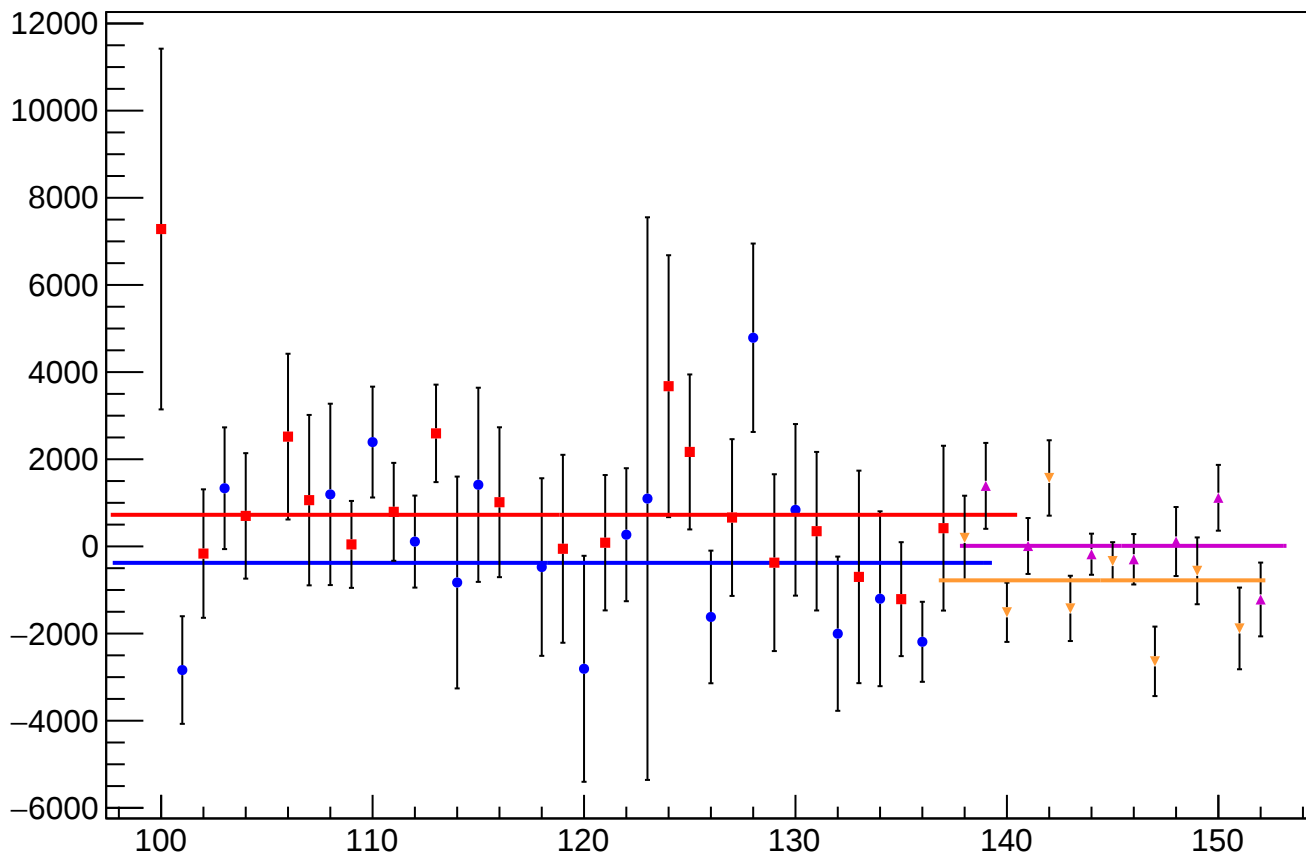
Right: 82.196+/-0.016 χ^2/NDF : 1827793.7/35

In: 80.772+/-0.017 χ^2/NDF : 1155468.3/23

Out: 80.101+/-0.016 χ^2/NDF : 1233349.0/26

All: 80.429+/-0.012 χ^2/NDF : 2389637.0/50

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -778.825 ± 249.191 $\chi^2/\text{NDF}: 18.2/7$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: 12.852 ± 252.507 $\chi^2/\text{NDF}: 6.7/6$

Left: -388.219 ± 177.365 $\chi^2/\text{NDF}: 29.9/14$

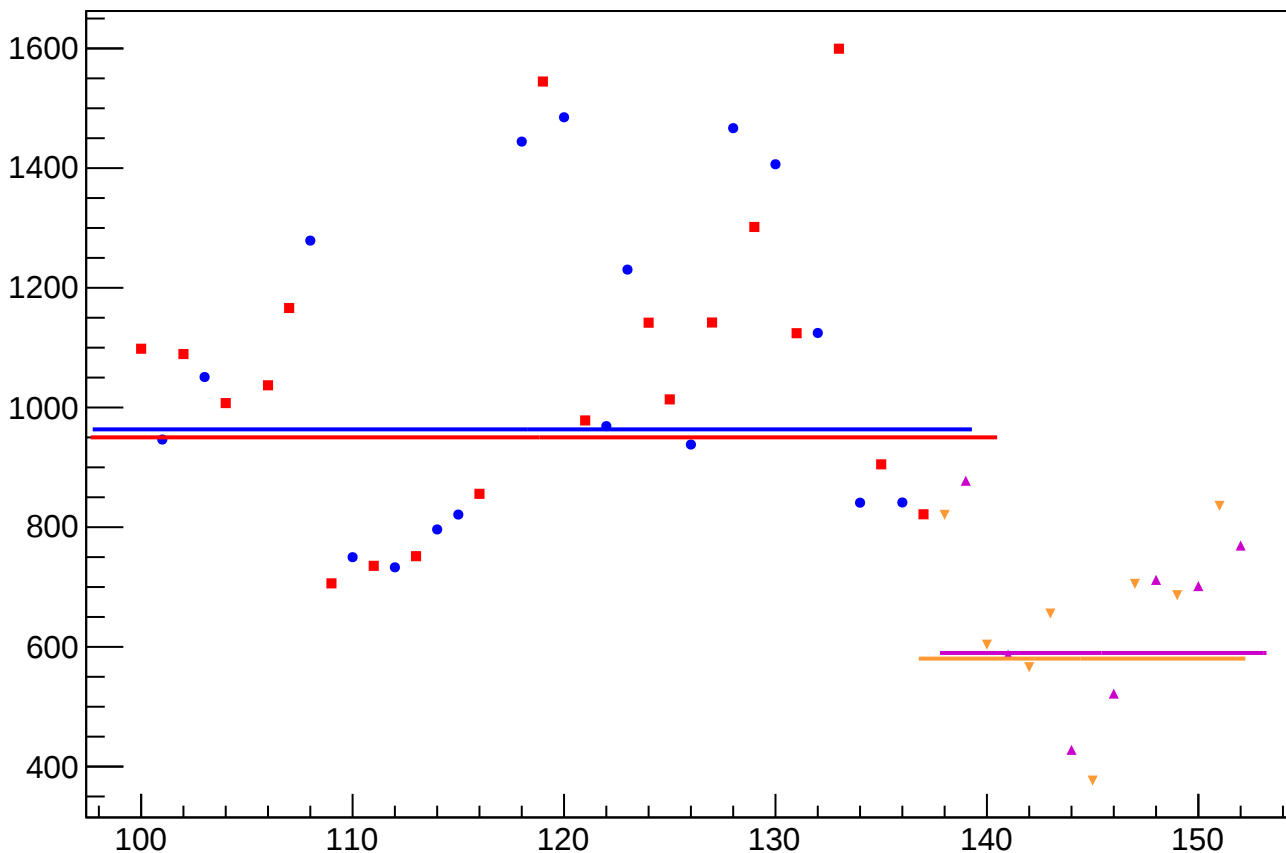
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -104.977 ± 210.963 $\chi^2/\text{NDF}: 31.8/23$

Out: -304.527 ± 206.189 $\chi^2/\text{NDF}: 41.6/26$

All: -207.035 ± 147.456 $\chi^2/\text{NDF}: 73.9/50$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 580.419+/-0.176 χ^2/NDF : 825954.6/7

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 589.851+/-0.179 χ^2/NDF : 614735.8/6

Left: 585.072+/-0.125 χ^2/NDF : 1442104.0/14

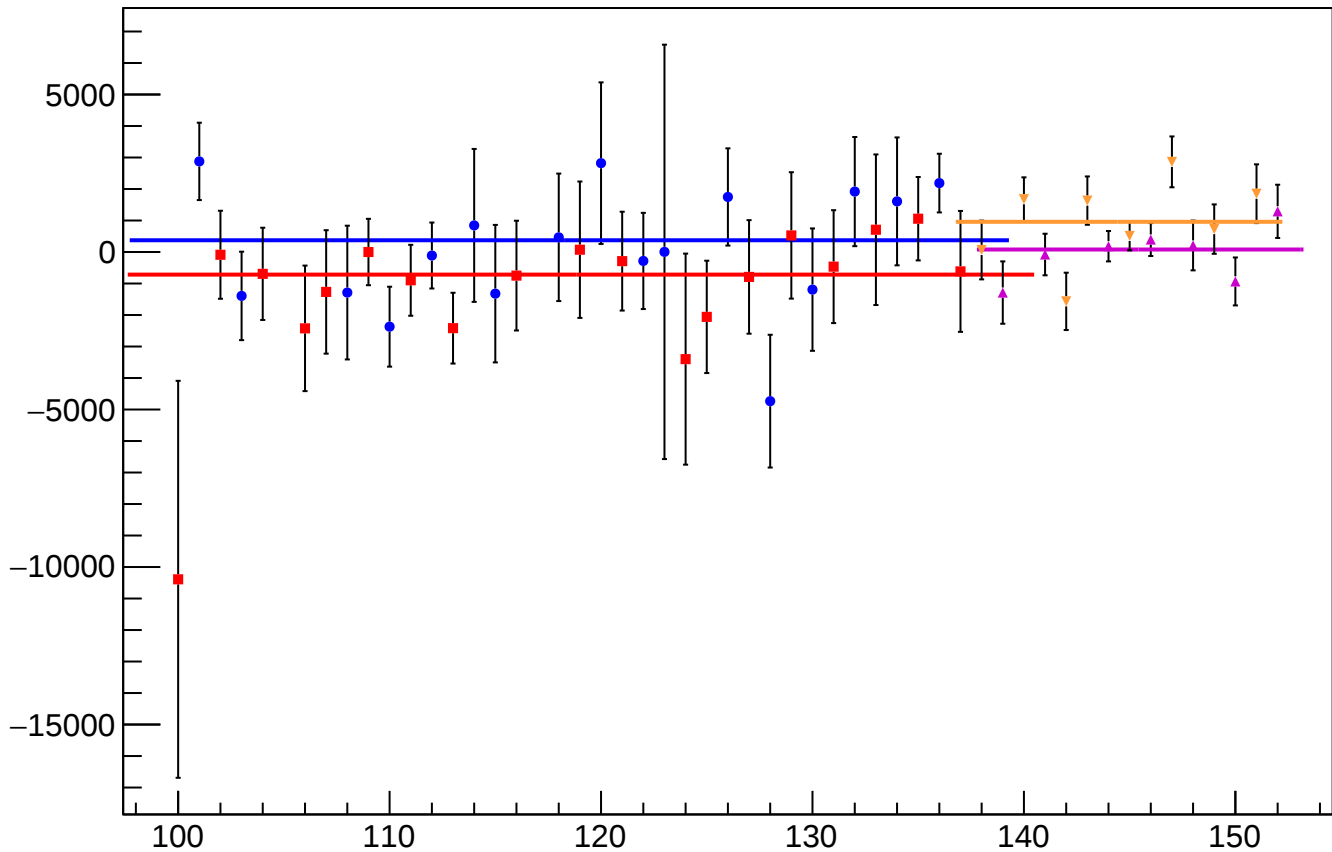
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 702.677+/-0.149 χ^2/NDF : 2625888.2/23

Out: 697.005+/-0.146 χ^2/NDF : 2946163.1/26

All: 699.776+/-0.104 χ^2/NDF : 5572790.6/50

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 958.919+/-256.555 χ^2/NDF : 18.0/7

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 79.395+/-250.025 χ^2/NDF : 6.2/6

Left: 507.822+/-179.059 χ^2/NDF : 30.2/14

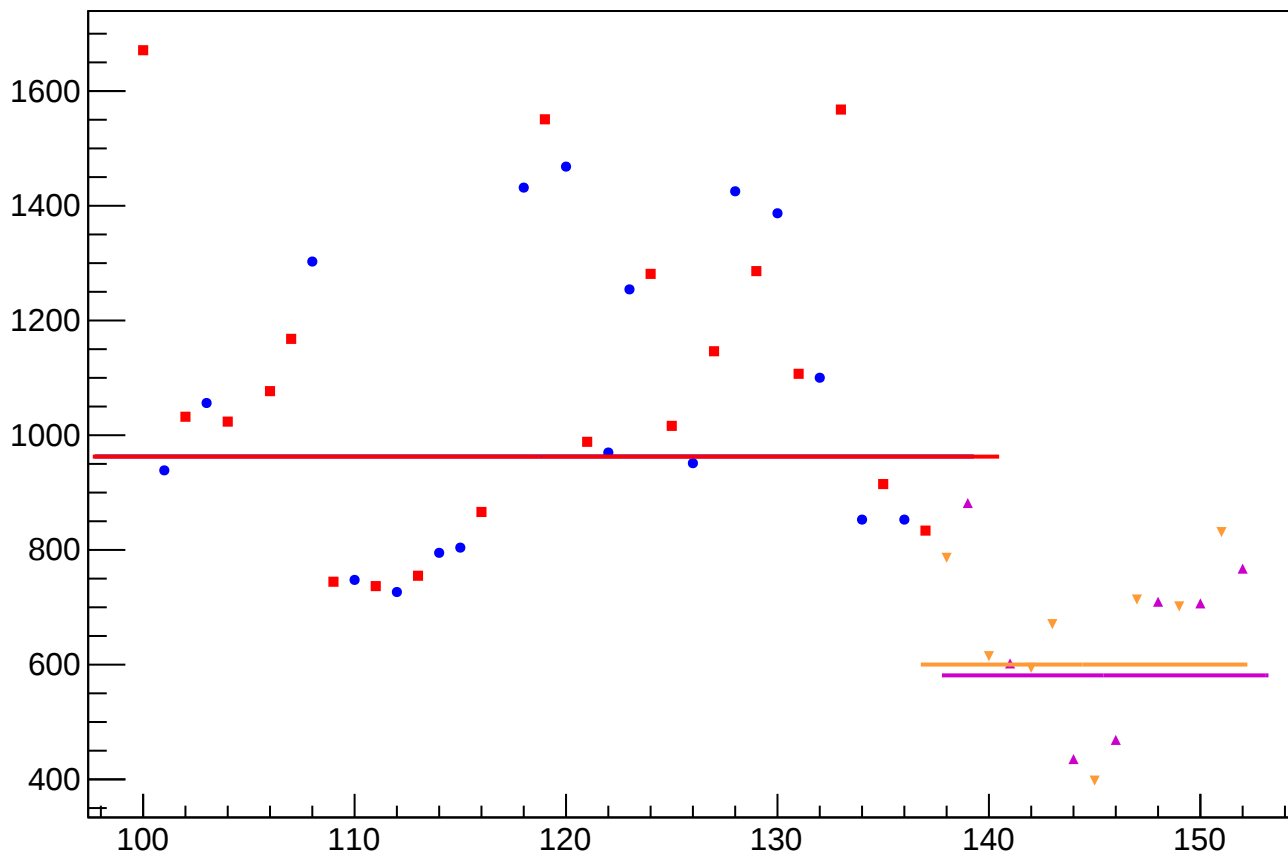
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 166.886+/-209.471 χ^2/NDF : 31.9/23

Out: 418.140+/-211.156 χ^2/NDF : 41.9/26

All: 291.506+/-148.711 χ^2/NDF : 74.5/50

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 600.191 $\pm$ 0.181 χ^2 /NDF: 681751.3/7

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 581.307 $\pm$ 0.177 χ^2 /NDF: 665612.4/6

Left: 590.506 $\pm$ 0.127 χ^2 /NDF: 1352921.6/14

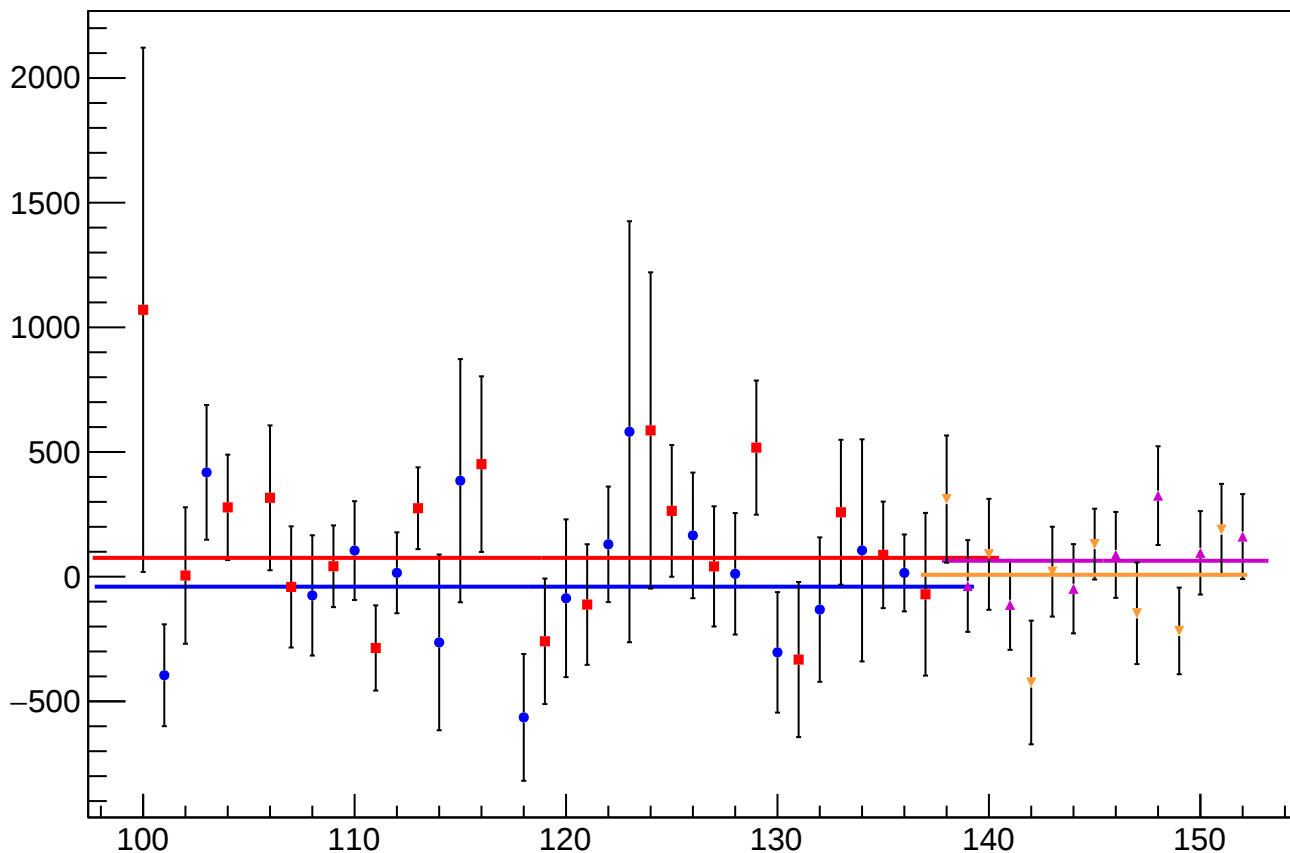
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 695.078 $\pm$ 0.148 χ^2 /NDF: 2722369.5/23

Out: 717.134 $\pm$ 0.149 χ^2 /NDF: 2666237.5/26

All: 706.017 $\pm$ 0.105 χ^2 /NDF: 5399604.8/50

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 7.529 ± 67.555 χ^2/NDF : 8.6/7

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 63.871 ± 67.293 χ^2/NDF : 3.8/6

Left: 35.810 ± 47.676 χ^2/NDF : 12.7/14

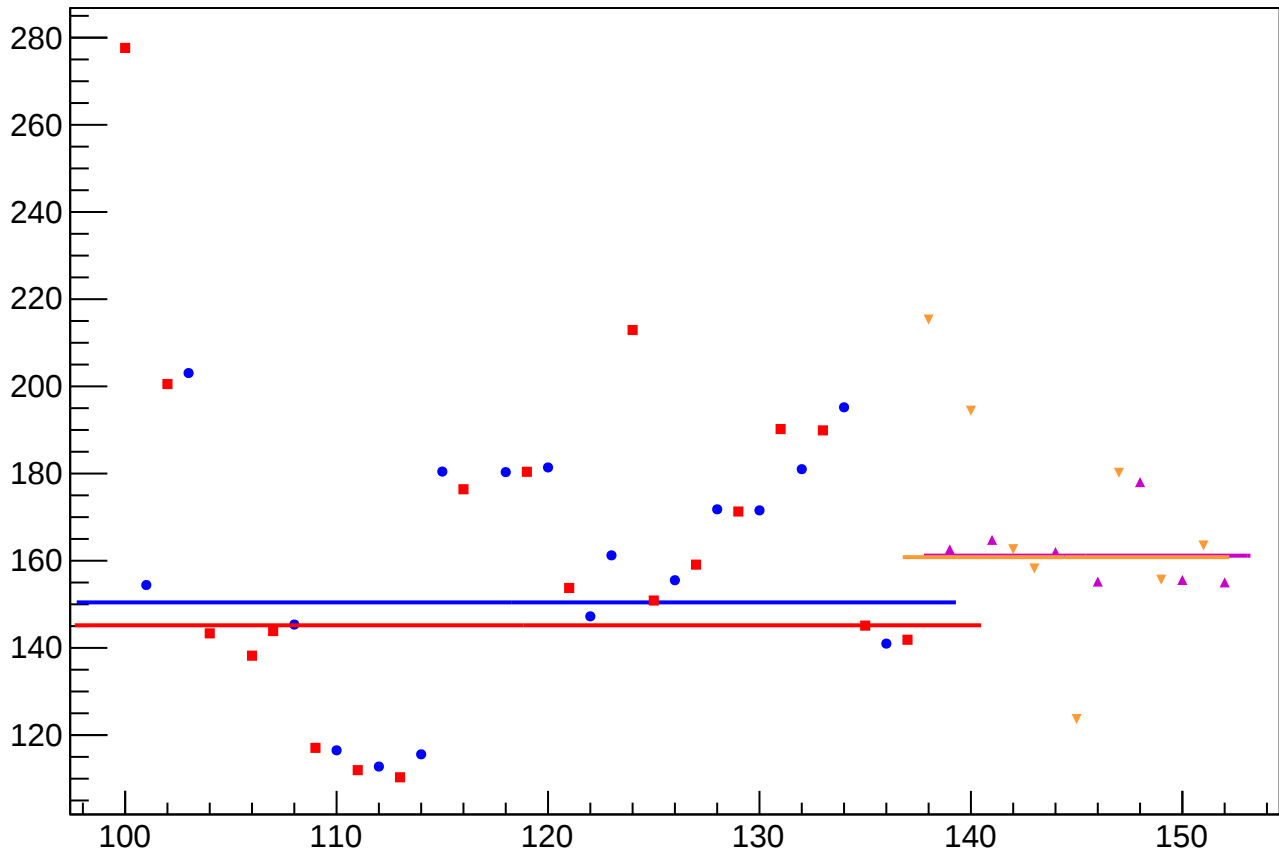
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 5.297 ± 44.472 χ^2/NDF : 20.4/23

Out: 47.656 ± 43.219 χ^2/NDF : 27.7/26

All: 27.082 ± 30.994 χ^2/NDF : 48.6/50

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.818 $\pm$ 0.048 χ^2 /NDF: 294378.9/7

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.166 $\pm$ 0.048 χ^2 /NDF: 22684.6/6

Left: 160.993 $\pm$ 0.034 χ^2 /NDF: 317090.2/14

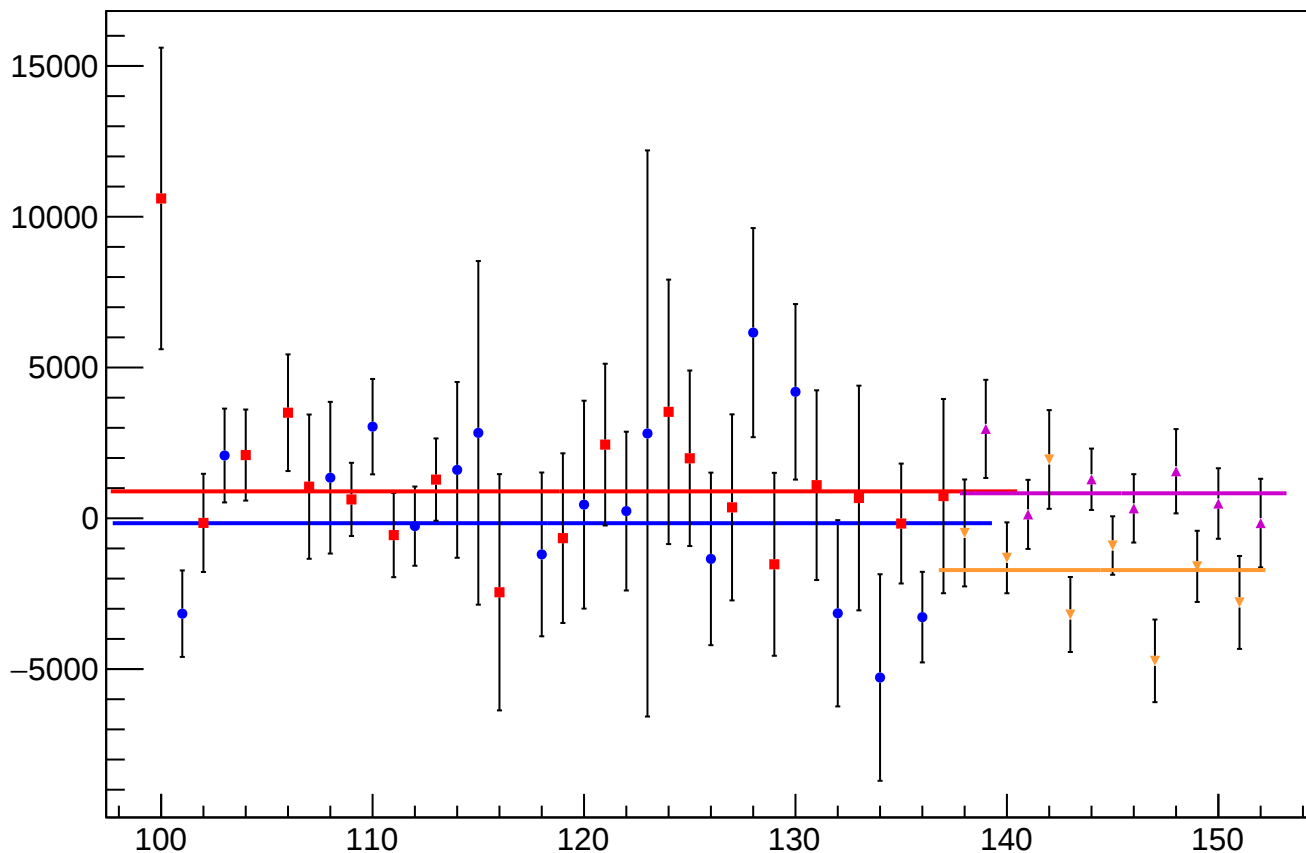
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 155.125 $\pm$ 0.031 χ^2 /NDF: 451416.1/23

Out: 151.585 $\pm$ 0.031 χ^2 /NDF: 893323.1/26

All: 153.304 $\pm$ 0.022 χ^2 /NDF: 1351259.4/50

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -1717.028 ± 456.537 $\chi^2/\text{NDF}: 13.1/7$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 829.525 ± 466.696 $\chi^2/\text{NDF}: 3.3/6$

Left: -471.770 ± 326.353 $\chi^2/\text{NDF}: 31.6/14$

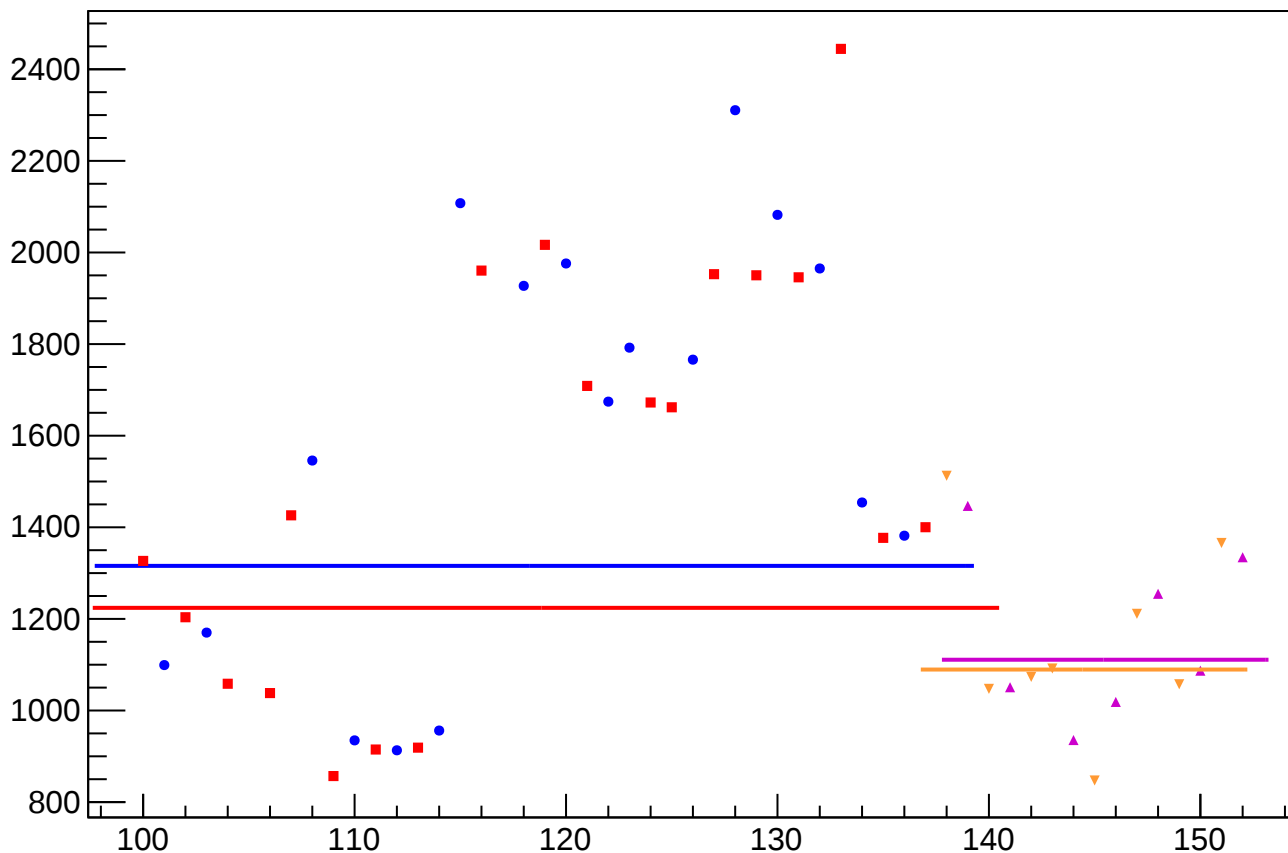
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 399.036 ± 351.167 $\chi^2/\text{NDF}: 30.3/23$

Out: -488.959 ± 332.209 $\chi^2/\text{NDF}: 39.1/26$

All: -69.577 ± 241.331 $\chi^2/\text{NDF}: 72.8/50$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1089.431 $\pm$ 0.323 χ^2 /NDF:323142.5/7

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1110.861 $\pm$ 0.330 χ^2 /NDF:231744.8/6

Left: 1099.910 $\pm$ 0.231 χ^2 /NDF: 557042.2/14

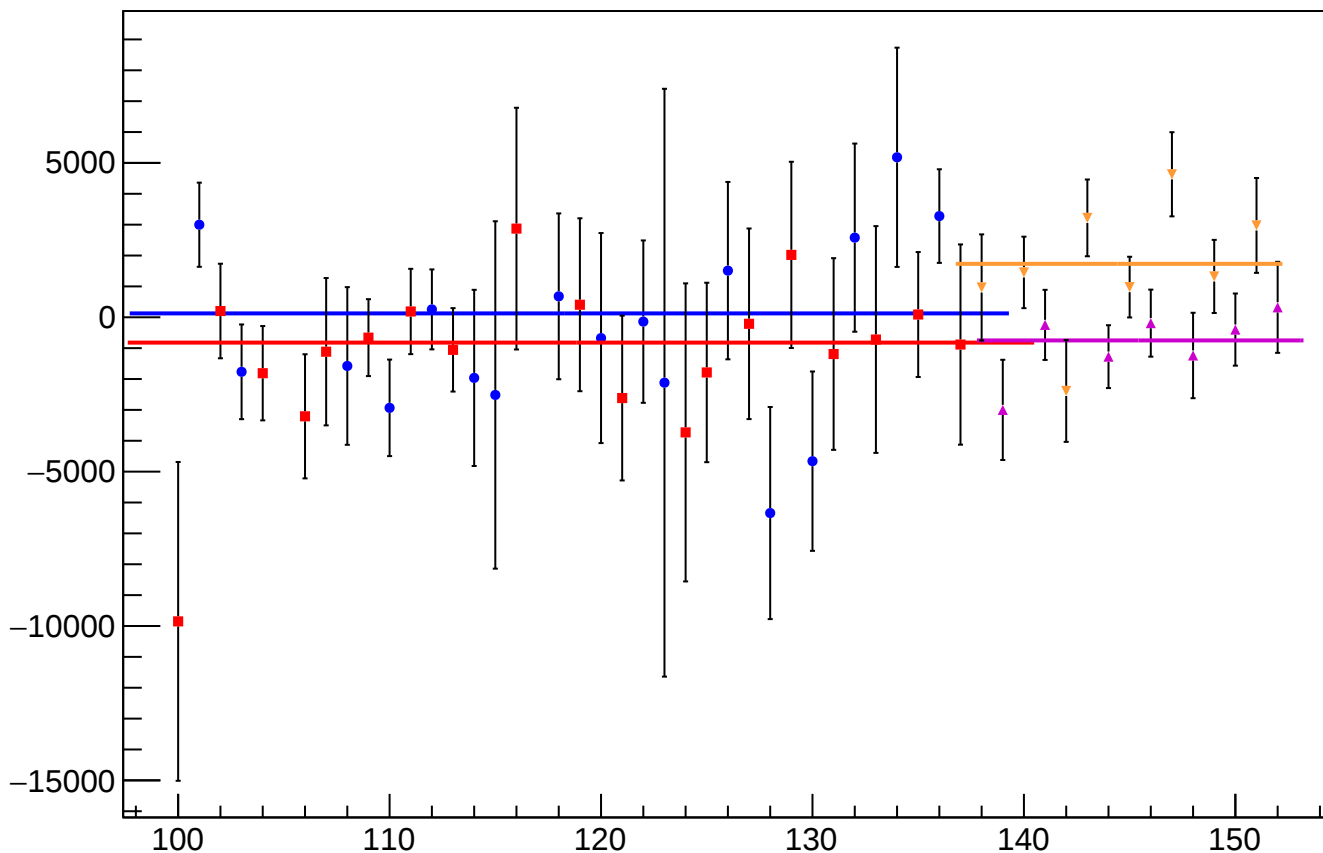
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1199.760 $\pm$ 0.248 χ^2 /NDF:1517373.4/23

Out: 1152.815 $\pm$ 0.235 χ^2 /NDF:1768982.6/26

All: 1174.986 $\pm$ 0.171 χ^2 /NDF: 3305217.5/50

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1731.433 $\pm$ 456.031 χ^2 /NDF:13.8/7

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -749.891 $\pm$ 462.082 χ^2 /NDF:3.4/6

Left: 507.123 $\pm$ 324.581 χ^2 /NDF: 31.8/14

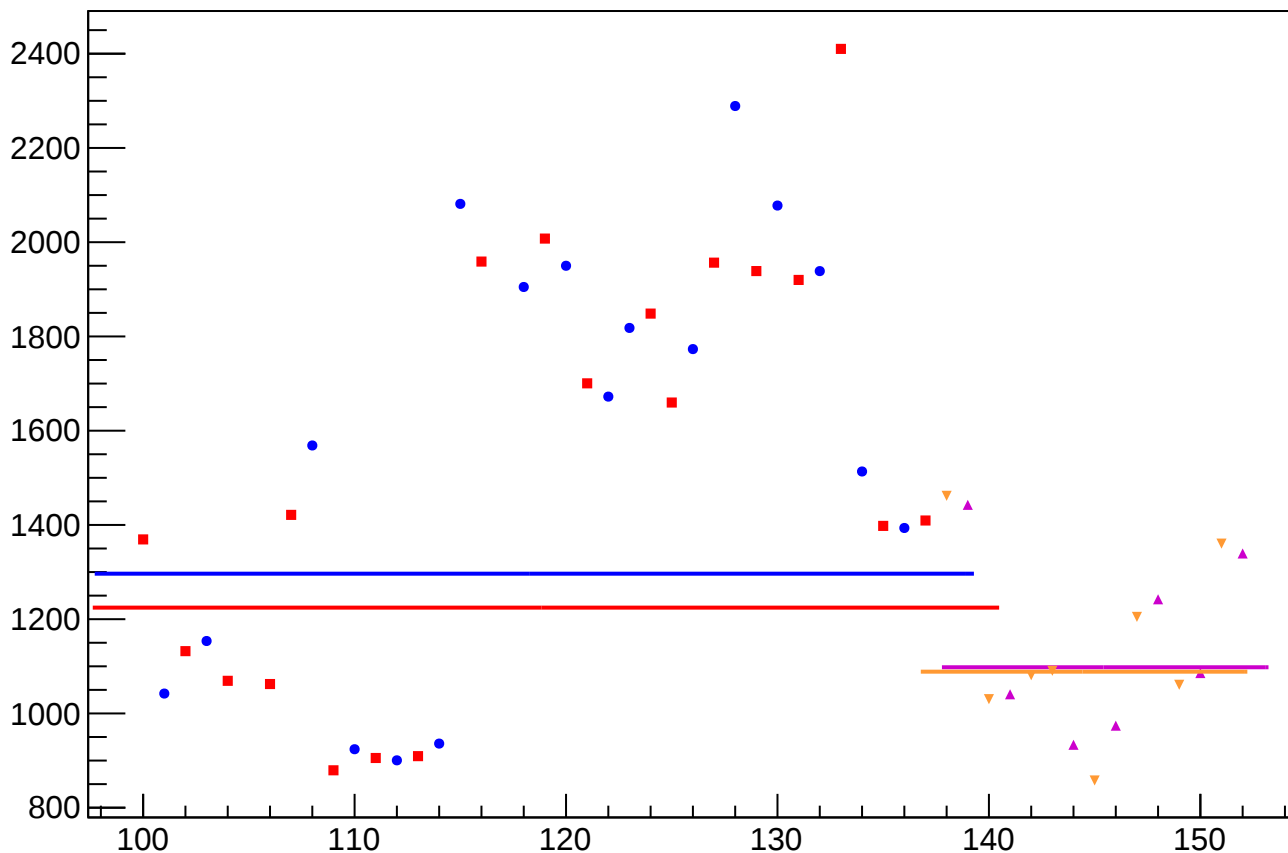
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -369.296 $\pm$ 347.382 χ^2 /NDF:29.6/23

Out: 533.191 $\pm$ 332.122 χ^2 /NDF:37.6/26

All: 102.205 $\pm$ 240.059 χ^2 /NDF: 70.7/50

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1088.643 $\pm$ 0.322 χ^2 /NDF: 287930.9/7

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1097.988 $\pm$ 0.327 χ^2 /NDF: 249133.9/6

Left: 1093.254 $\pm$ 0.230 χ^2 /NDF: 537479.2/14

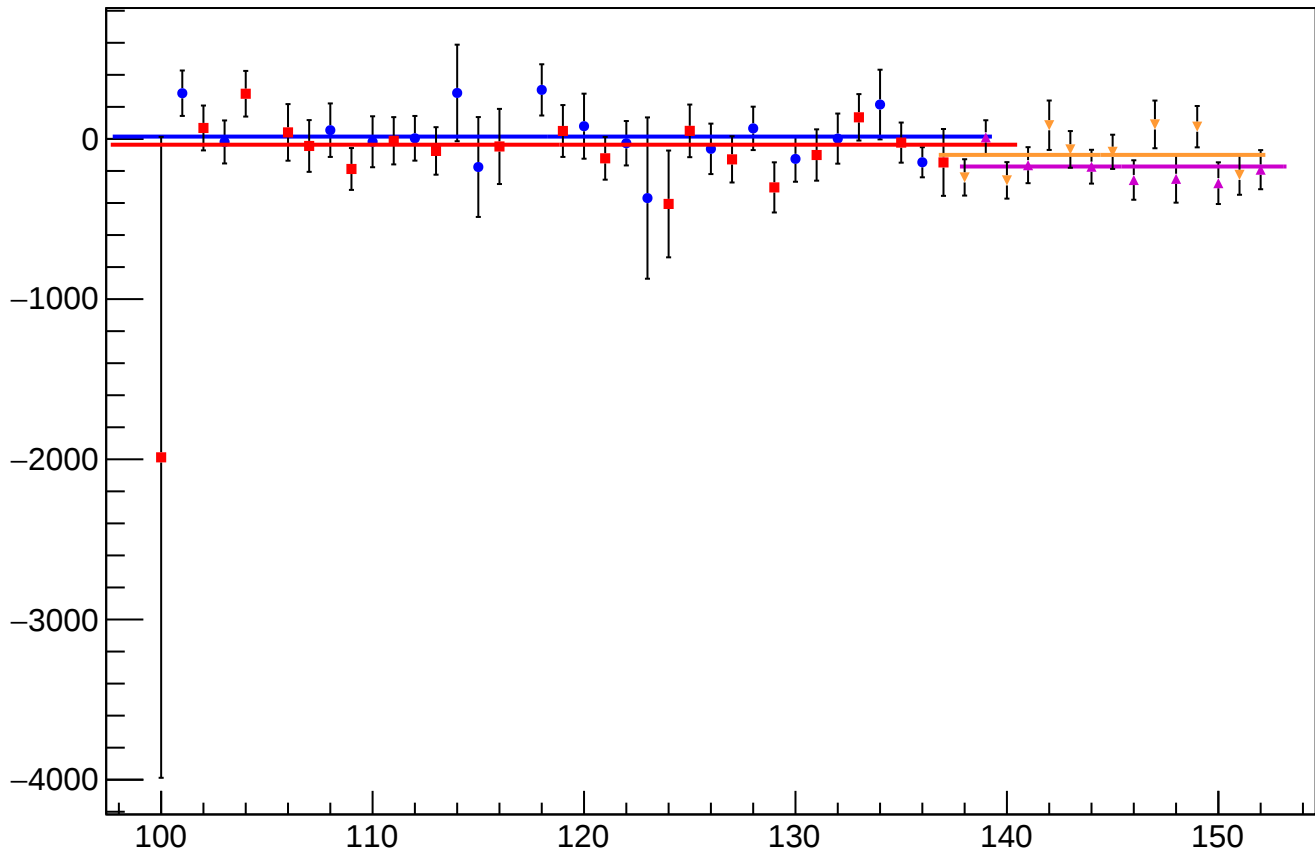
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1184.339 $\pm$ 0.246 χ^2 /NDF: 1585222.9/23

Out: 1152.469 $\pm$ 0.235 χ^2 /NDF: 1719634.1/26

All: 1167.689 $\pm$ 0.170 χ^2 /NDF: 3313651.5/50

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: -99.706 ± 43.419 $\chi^2/\text{NDF}: 9.5/7$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -172.231 ± 45.010 $\chi^2/\text{NDF}: 4.3/6$

Left: -134.663 ± 31.249 $\chi^2/\text{NDF}: 15.2/14$

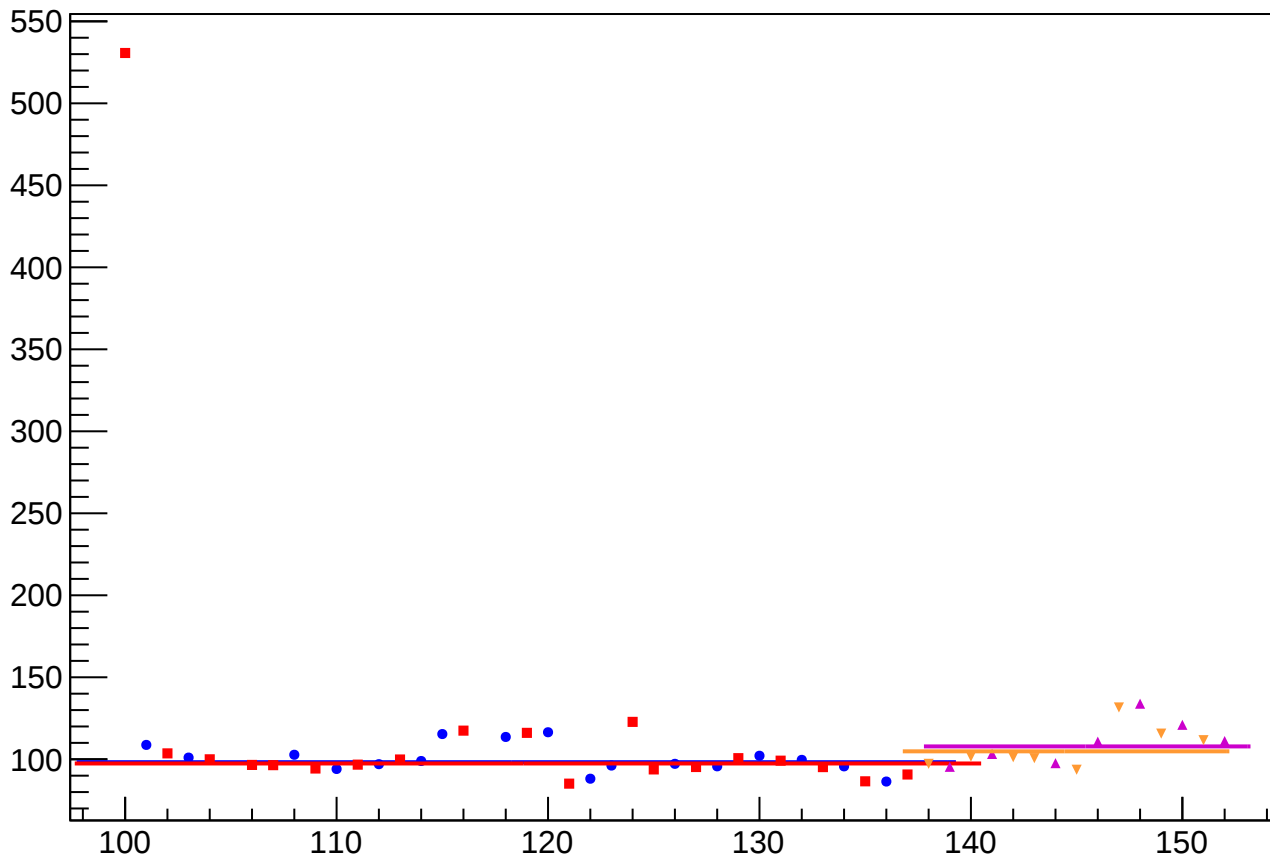
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -63.202 ± 29.043 $\chi^2/\text{NDF}: 28.5/23$

Out: -62.643 ± 28.038 $\chi^2/\text{NDF}: 26.3/26$

All: -62.913 ± 20.172 $\chi^2/\text{NDF}: 54.8/50$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 104.843+/-0.031 χ^2/NDF :121093.0/7

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 107.841+/-0.032 χ^2/NDF :133516.6/6

Left: 106.288+/-0.022 χ^2/NDF : 259207.3/14

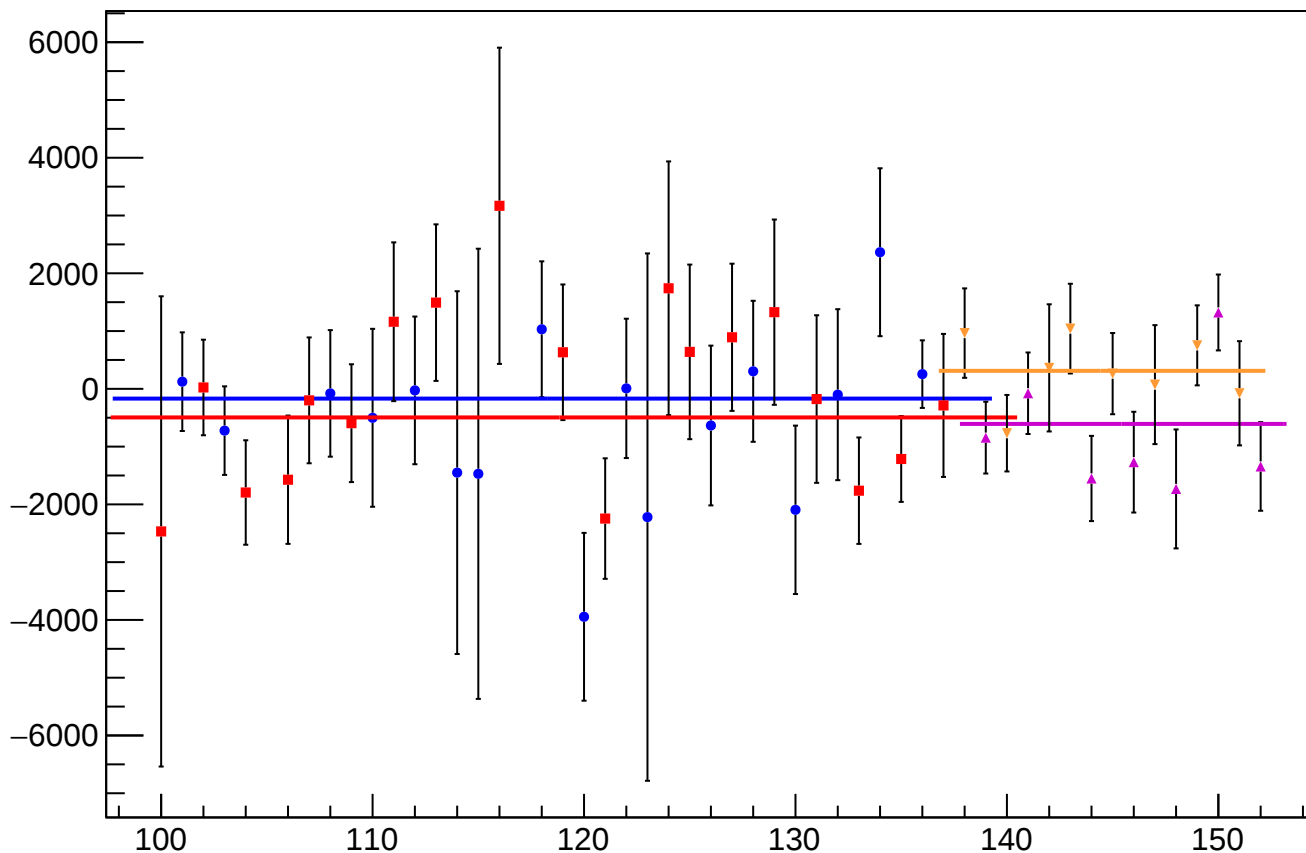
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 102.225+/-0.021 χ^2/NDF :287373.5/23

Out: 100.525+/-0.020 χ^2/NDF :345086.3/26

All: 101.345+/-0.014 χ^2/NDF : 636008.1/50

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 311.691 ± 280.441 χ^2/NDF : 4.9/7

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -607.143 ± 280.434 χ^2/NDF : 13.7/6

Left: -147.737 ± 198.299 χ^2/NDF : 23.9/14

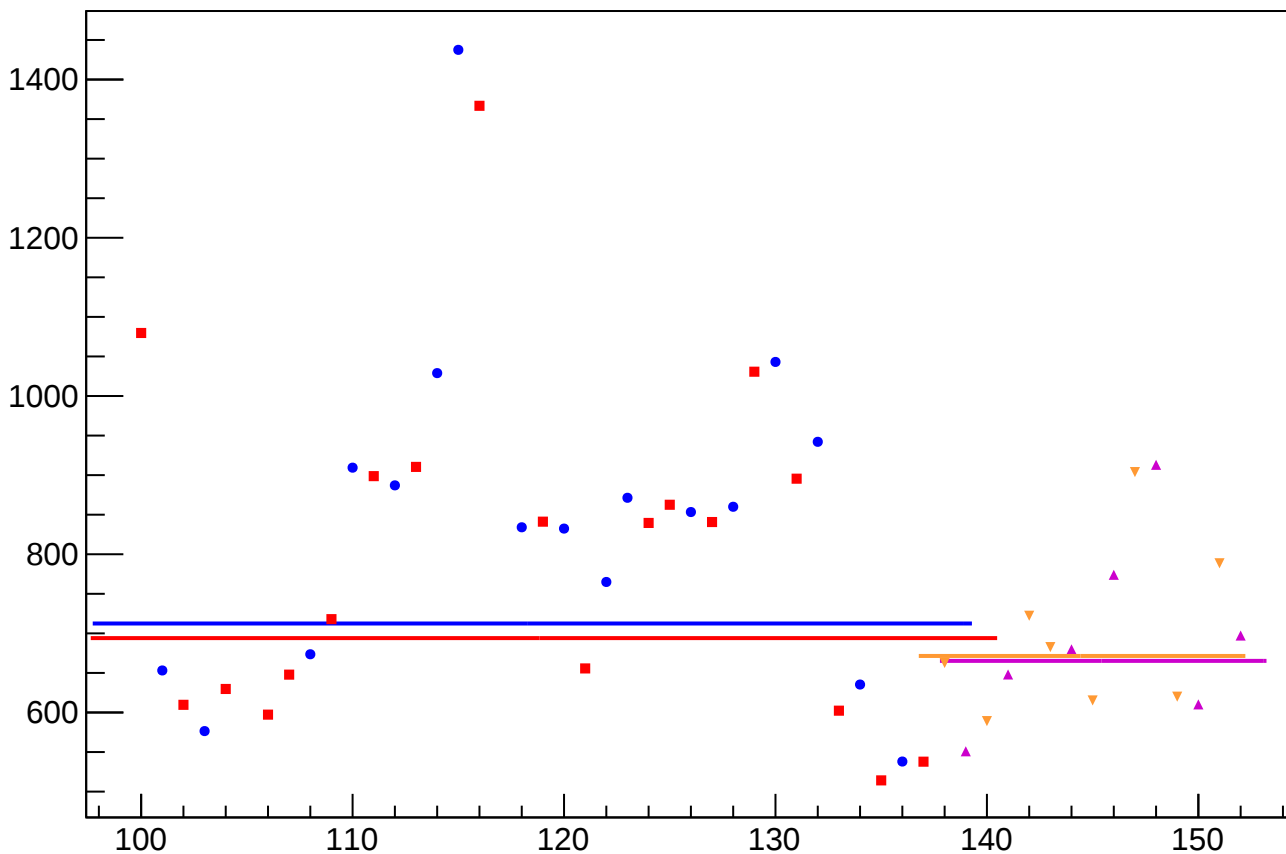
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -389.331 ± 198.911 χ^2/NDF : 29.5/23

Out: -110.732 ± 193.538 χ^2/NDF : 29.1/26

All: -246.218 ± 138.713 χ^2/NDF : 59.6/50

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 671.453+/-0.198 χ^2/NDF : 195330.1/7

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 665.236+/-0.198 χ^2/NDF : 234187.2/6

Left: 668.344+/-0.140 χ^2/NDF : 430008.7/14

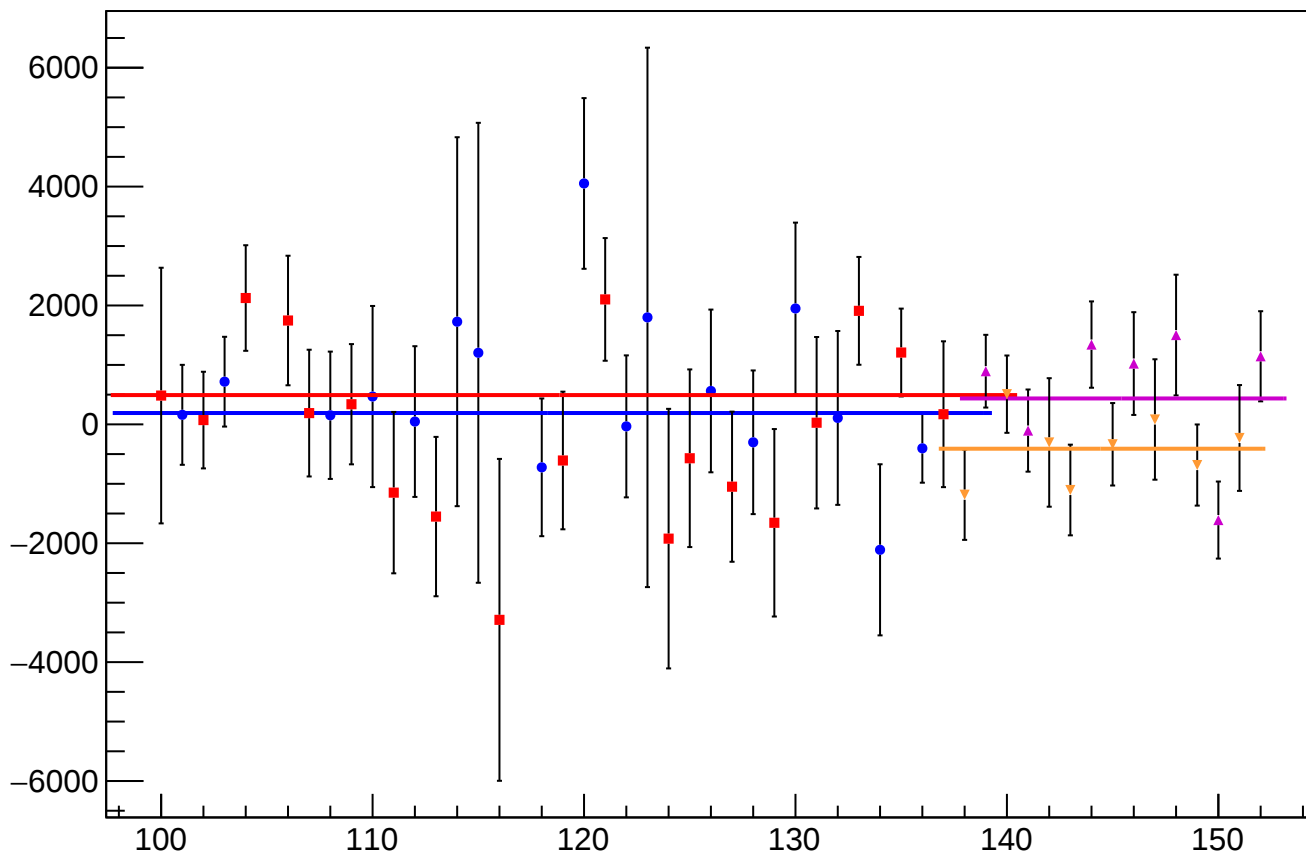
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 688.710+/-0.141 χ^2/NDF : 922908.2/23

Out: 683.269+/-0.137 χ^2/NDF : 877098.8/26

All: 685.915+/-0.098 χ^2/NDF : 1800775.6/50

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -409.795 $\pm$ 275.966 χ^2 /NDF: 4.3/7

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 435.696 $\pm$ 276.396 χ^2 /NDF: 15.1/6

Left: 12.293 $\pm$ 195.289 χ^2 /NDF: 24.1/14

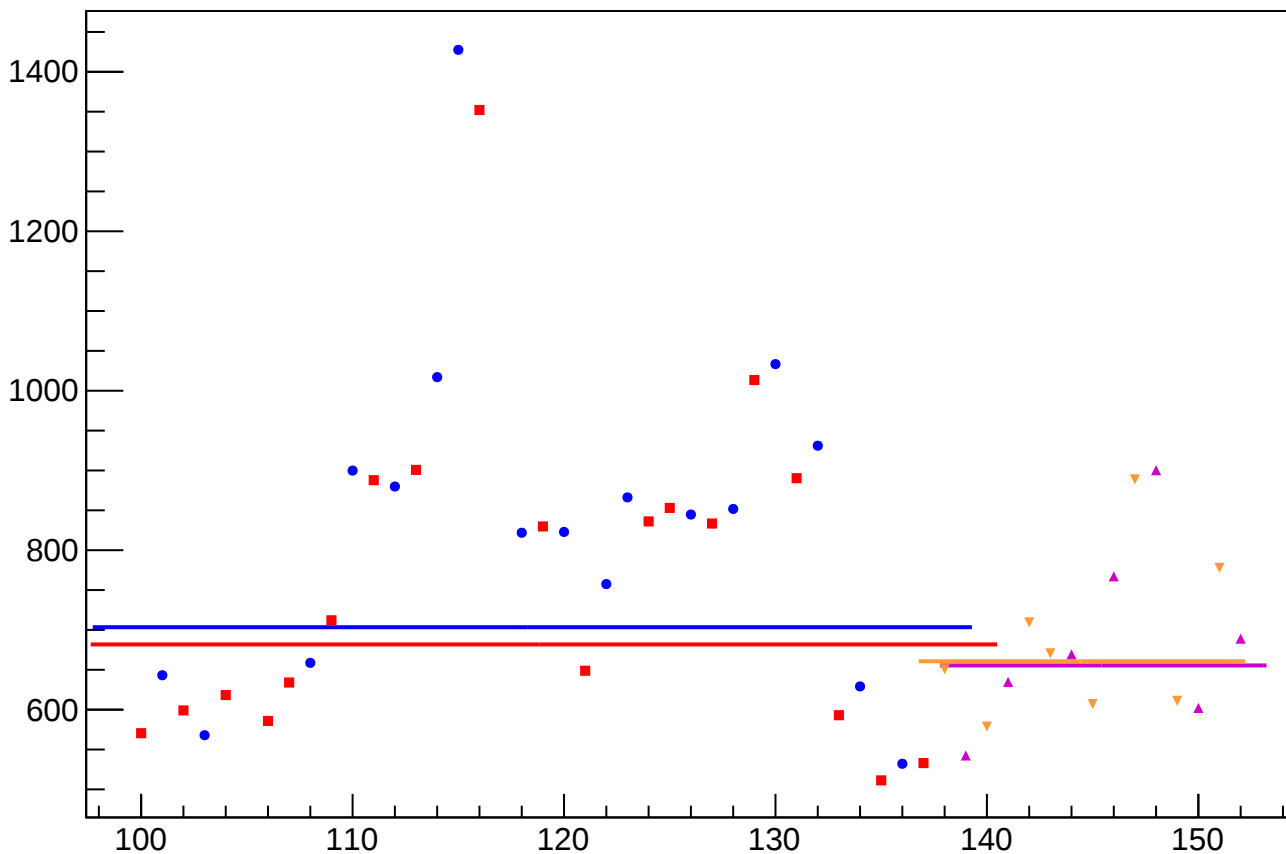
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 314.291 $\pm$ 196.240 χ^2 /NDF: 29.7/23

Out: 63.733 $\pm$ 190.254 χ^2 /NDF: 32.7/26

All: 185.132 $\pm$ 136.597 χ^2 /NDF: 63.3/50

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 660.659 $\pm$ 0.195 χ^2/NDF :195177.2/7

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 655.454 $\pm$ 0.195 χ^2/NDF :237861.0/6

Left: 658.061 $\pm$ 0.138 χ^2/NDF : 433393.3/14

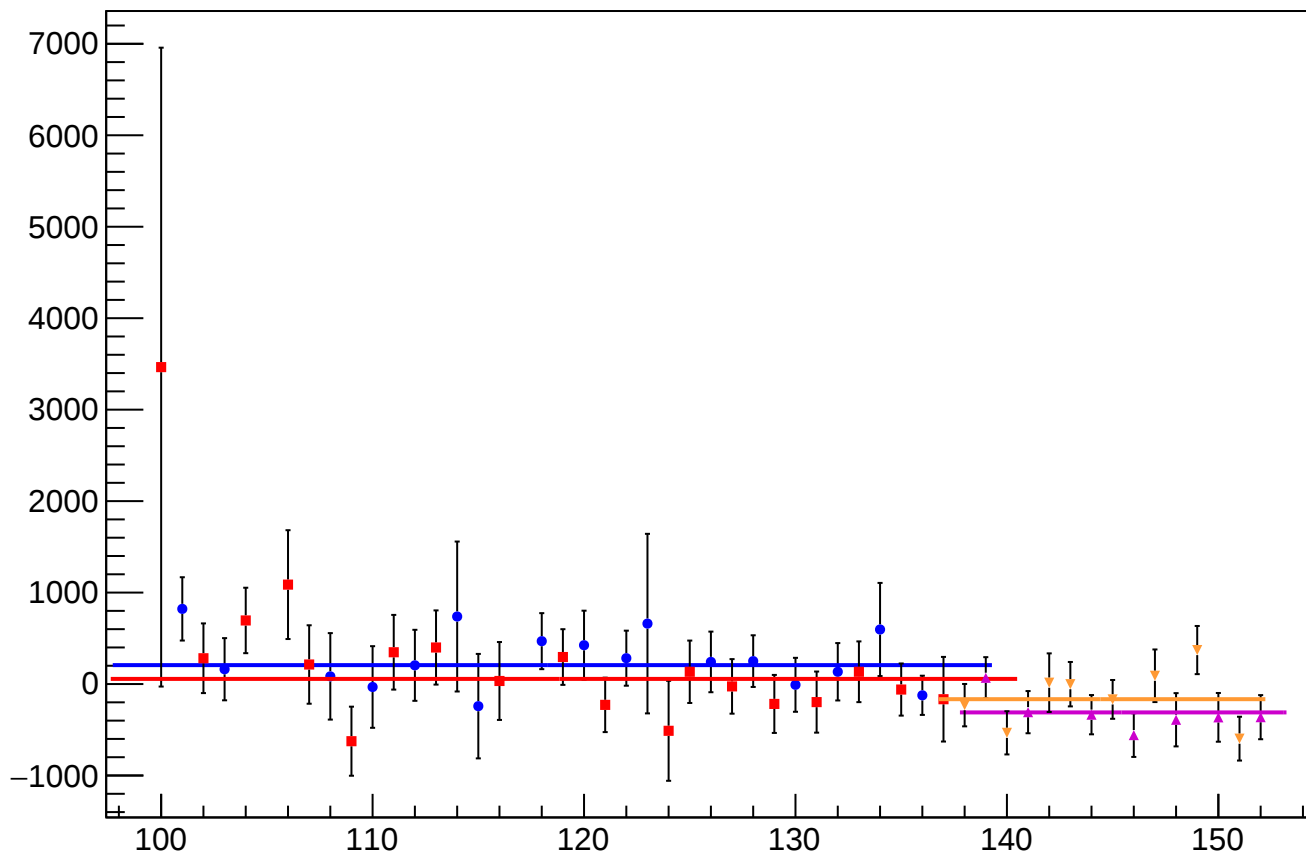
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 679.234 $\pm$ 0.139 χ^2/NDF :934599.0/23

Out: 671.756 $\pm$ 0.135 χ^2/NDF :866137.7/26

All: 675.379 $\pm$ 0.097 χ^2/NDF : 1802233.8/50

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -165.518 $\pm$ 87.905 χ^2 /NDF:11.5/7

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -310.191 $\pm$ 90.997 χ^2 /NDF:4.1/6

Left: -235.355 $\pm$ 63.223 χ^2 /NDF: 16.9/14

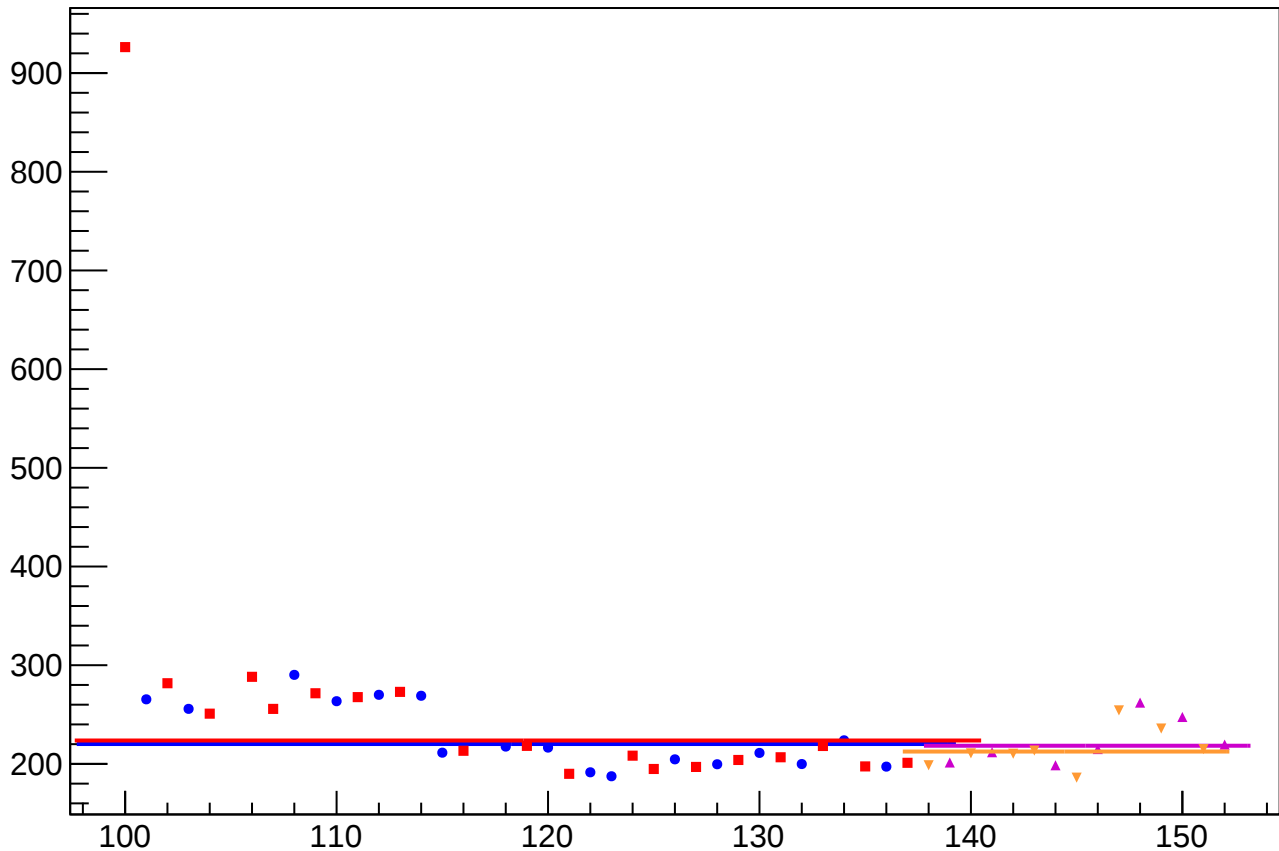
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -35.965 $\pm$ 62.361 χ^2 /NDF:30.7/23

Out: -51.145 $\pm$ 61.167 χ^2 /NDF:31.4/26

All: -43.702 $\pm$ 43.668 χ^2 /NDF: 62.1/50

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: 212.515 $\pm$ 0.062 χ^2 /NDF: 96531.3/7

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 218.402 $\pm$ 0.064 χ^2 /NDF: 99412.6/6

Left: 215.357 $\pm$ 0.045 χ^2 /NDF: 200274.3/14

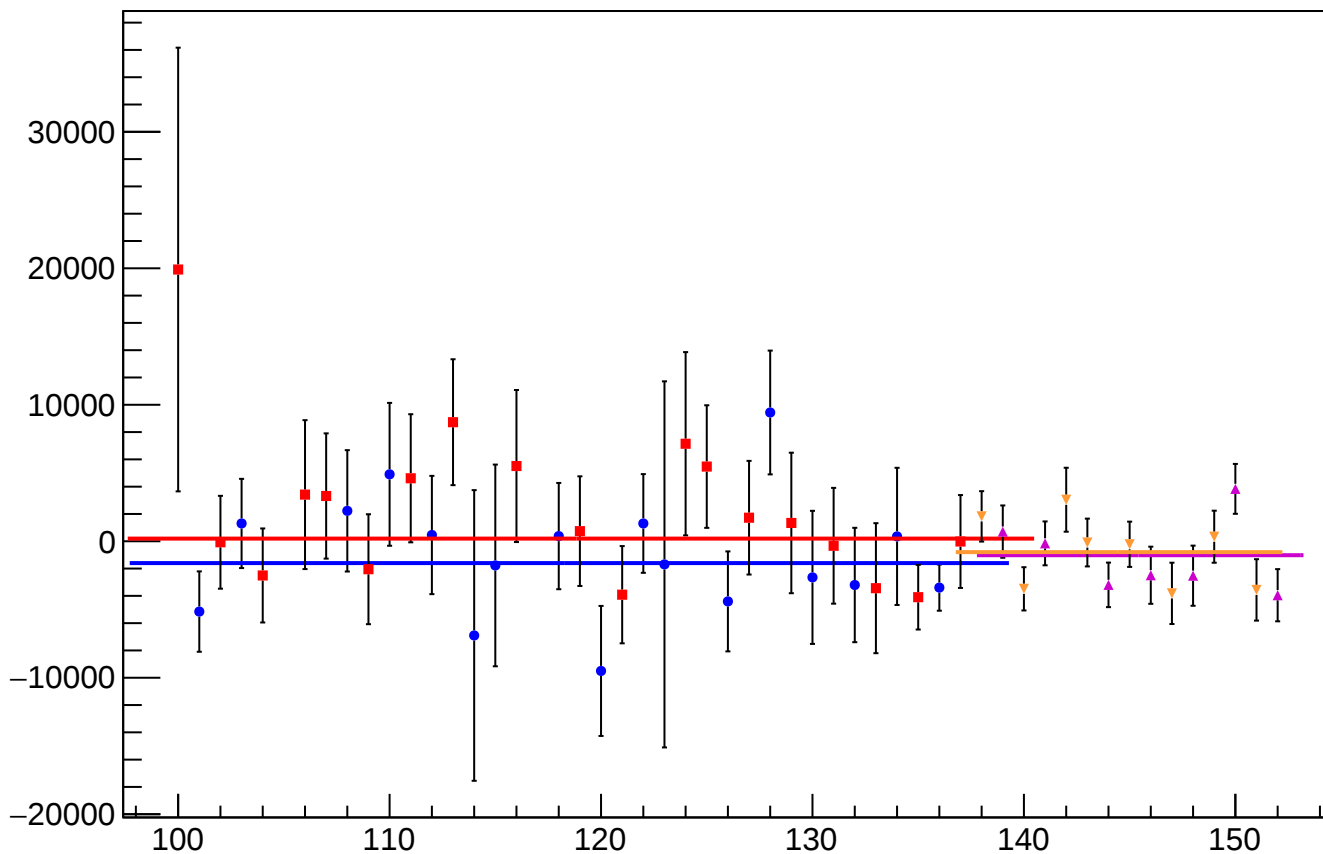
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.320 $\pm$ 0.044 χ^2 /NDF: 328240.2/23

Out: 218.287 $\pm$ 0.043 χ^2 /NDF: 466492.3/26

All: 218.794 $\pm$ 0.031 χ^2 /NDF: 795012.1/50

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: -795.756 $\pm$ 668.962 χ^2 /NDF:11.5/7

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -1022.197 $\pm$ 699.826 χ^2 /NDF:13.3/6

Left: -903.873 $\pm$ 483.571 χ^2 /NDF: 24.8/14

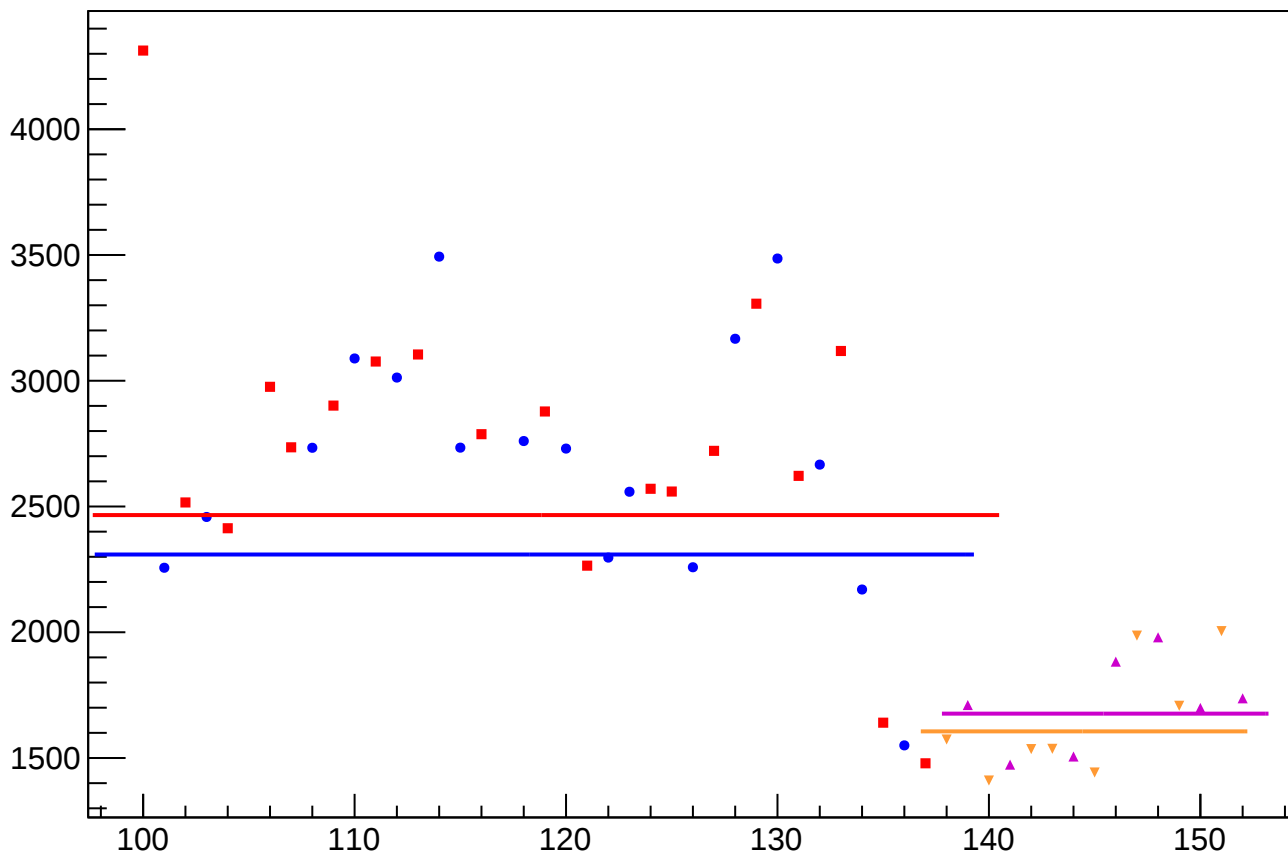
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -1233.332 $\pm$ 557.223 χ^2 /NDF:30.1/23

Out: -466.177 $\pm$ 546.479 χ^2 /NDF:28.6/26

All: -842.287 $\pm$ 390.162 χ^2 /NDF: 59.7/50

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: 1605.883 $\pm$ 0.473 χ^2 /NDF:181386.7/7

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1676.391 $\pm$ 0.495 χ^2 /NDF:114074.7/6

Left: 1639.548 $\pm$ 0.342 χ^2 /NDF: 306069.7/14

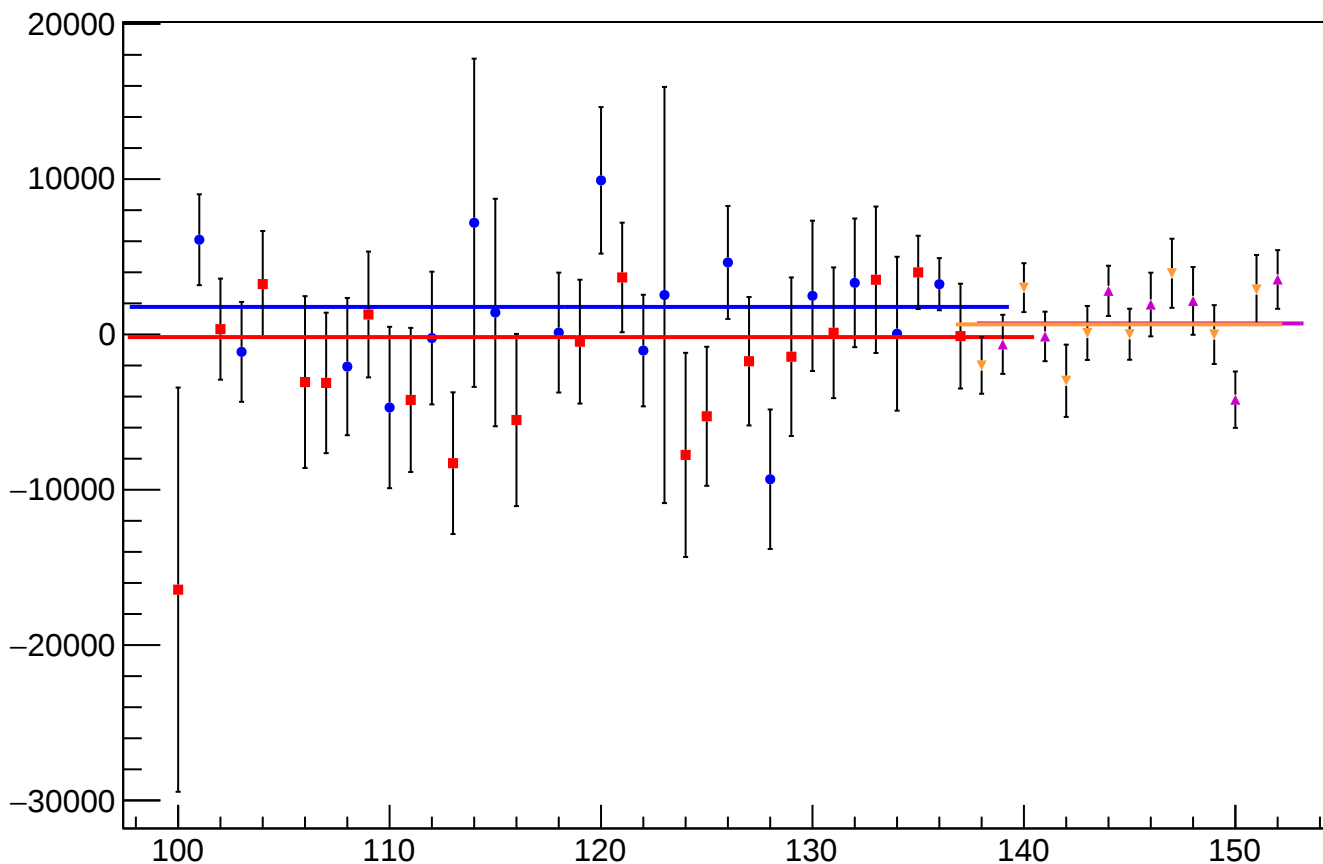
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1907.984 $\pm$ 0.394 χ^2 /NDF:1513215.2/23

Out: 1891.980 $\pm$ 0.386 χ^2 /NDF:1975105.0/26

All: 1899.826 $\pm$ 0.276 χ^2 /NDF: 3489161.2/50

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 647.336+/-663.249 χ^2/NDF : 10.4/7

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 707.665+/-692.539 χ^2/NDF : 12.8/6

Left: 676.198+/-479.008 χ^2/NDF : 23.2/14

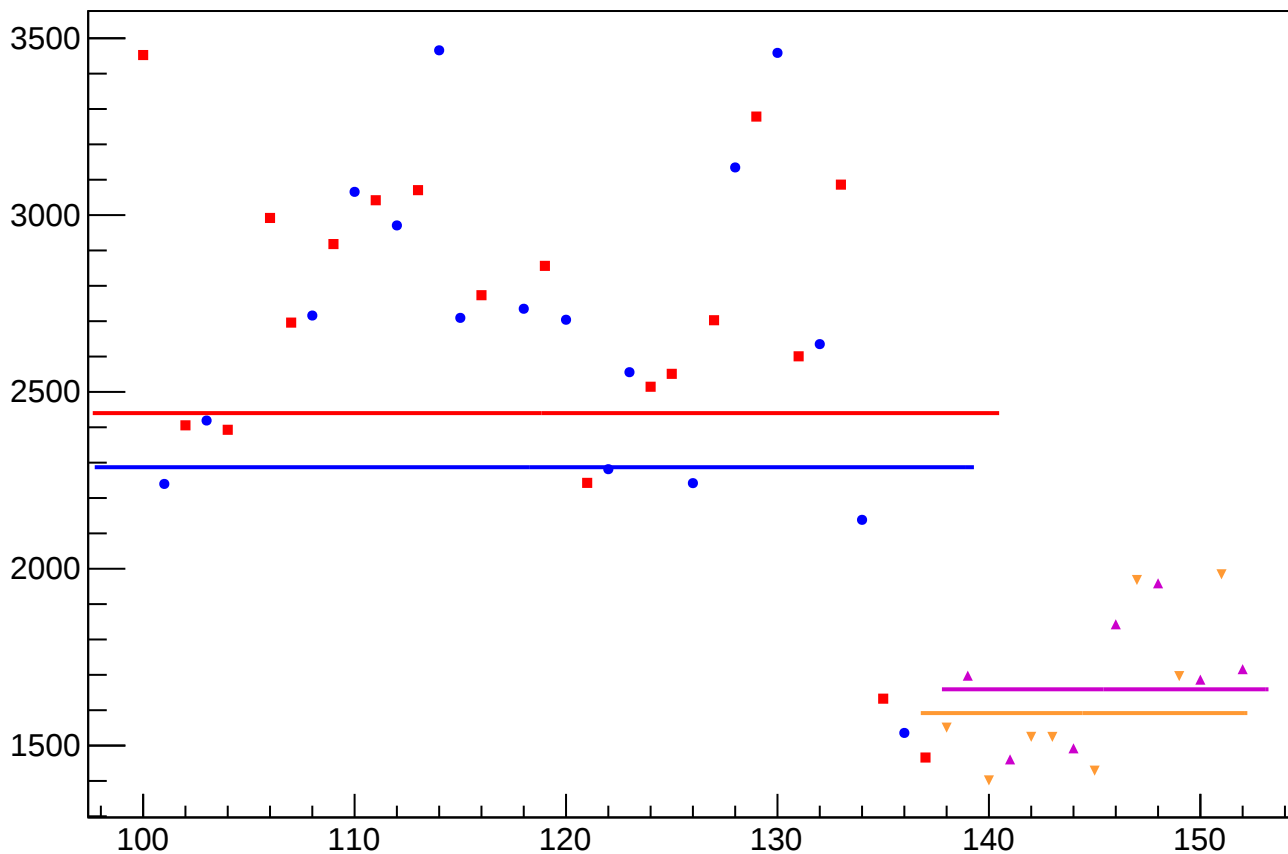
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1096.490+/-551.615 χ^2/NDF : 31.0/23

Out: 374.371+/-541.432 χ^2/NDF : 26.9/26

All: 728.703+/-386.400 χ^2/NDF : 58.8/50

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1591.880 $\pm$ 0.469 χ^2 /NDF:179897.5/7

Right Out: 2440.067 $\pm$ 0.663 χ^2 /NDF: 679108.5/18

Left In: 1659.099 $\pm$ 0.490 χ^2 /NDF:109225.3/6

Left: 1624.038 $\pm$ 0.339 χ^2 /NDF: 298950.6/14

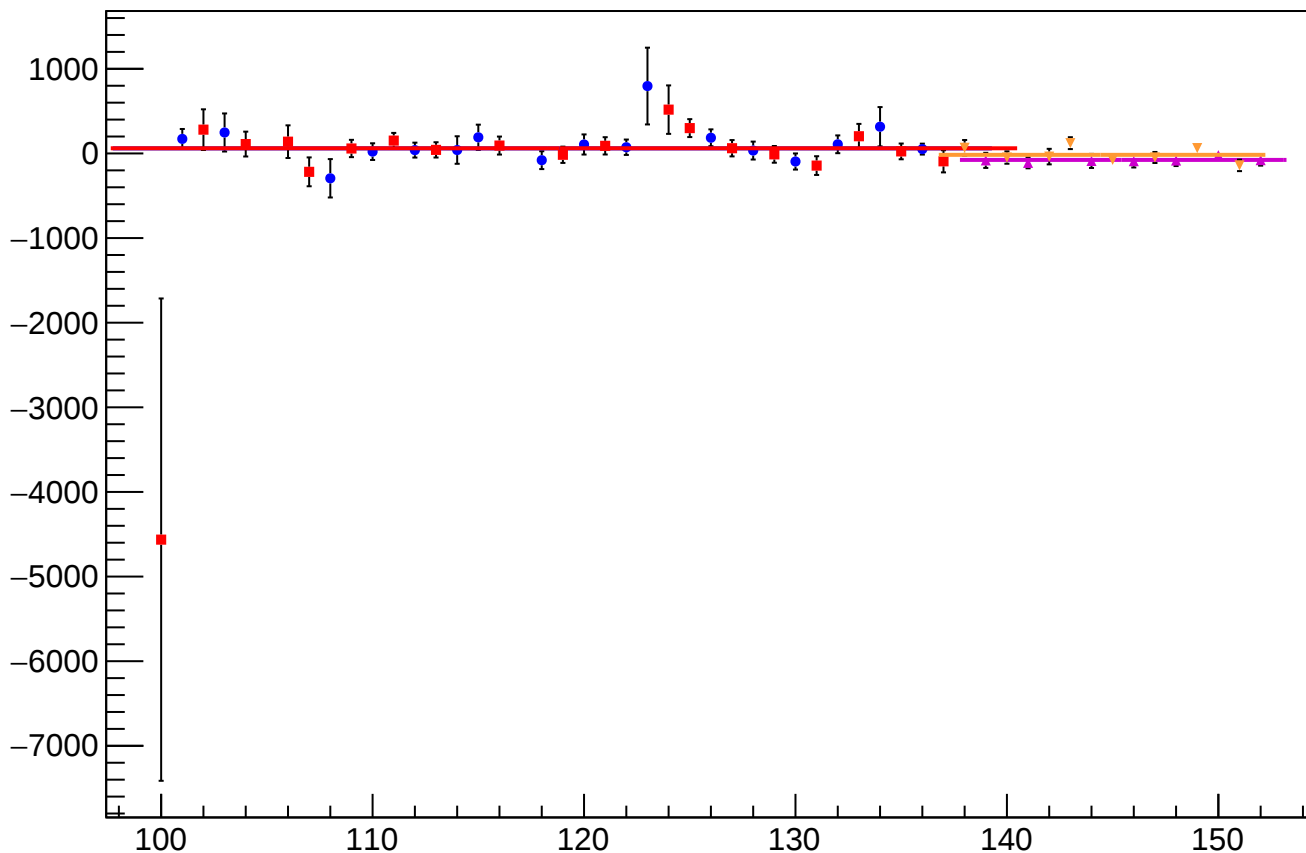
Right: 2361.511 $\pm$ 0.462 χ^2 /NDF: 1505856.7/35

In: 1888.678 $\pm$ 0.390 χ^2 /NDF:1509846.0/23

Out: 1874.836 $\pm$ 0.383 χ^2 /NDF:1950164.6/26

All: 1881.628 $\pm$ 0.273 χ^2 /NDF: 3460652.0/50

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -16.468 $\pm$ 24.444 χ^2 /NDF:11.4/7

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -76.445 $\pm$ 26.323 χ^2 /NDF:1.2/6

Left: -44.240 $\pm$ 17.912 χ^2 /NDF: 15.5/14

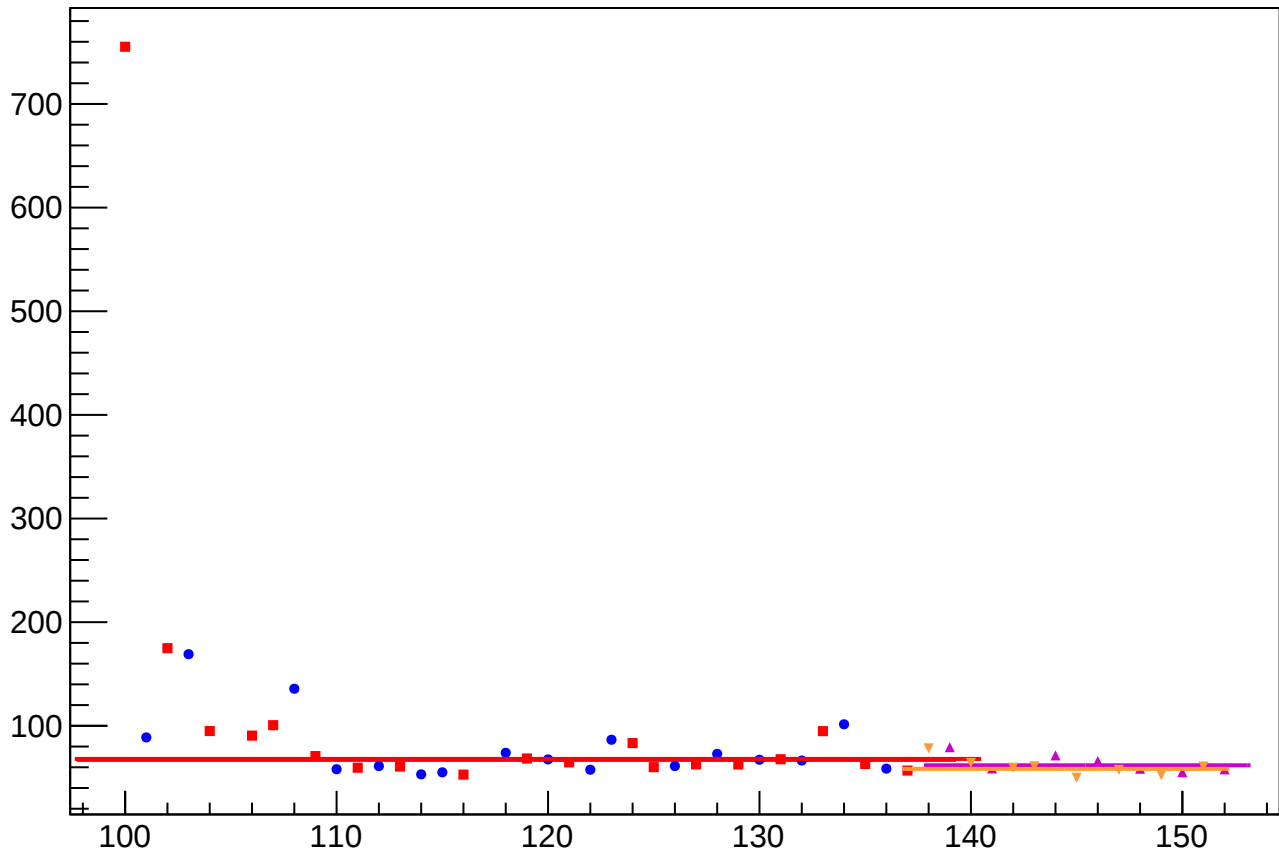
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -10.322 $\pm$ 18.875 χ^2 /NDF:29.6/23

Out: 18.406 $\pm$ 18.124 χ^2 /NDF:38.3/26

All: 4.625 $\pm$ 13.073 χ^2 /NDF: 69.1/50

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: 58.452 $\pm$ 0.017 χ^2 /NDF: 176227.4/7

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 61.916 $\pm$ 0.019 χ^2 /NDF: 151249.4/6

Left: 60.056 $\pm$ 0.013 χ^2 /NDF: 346077.3/14

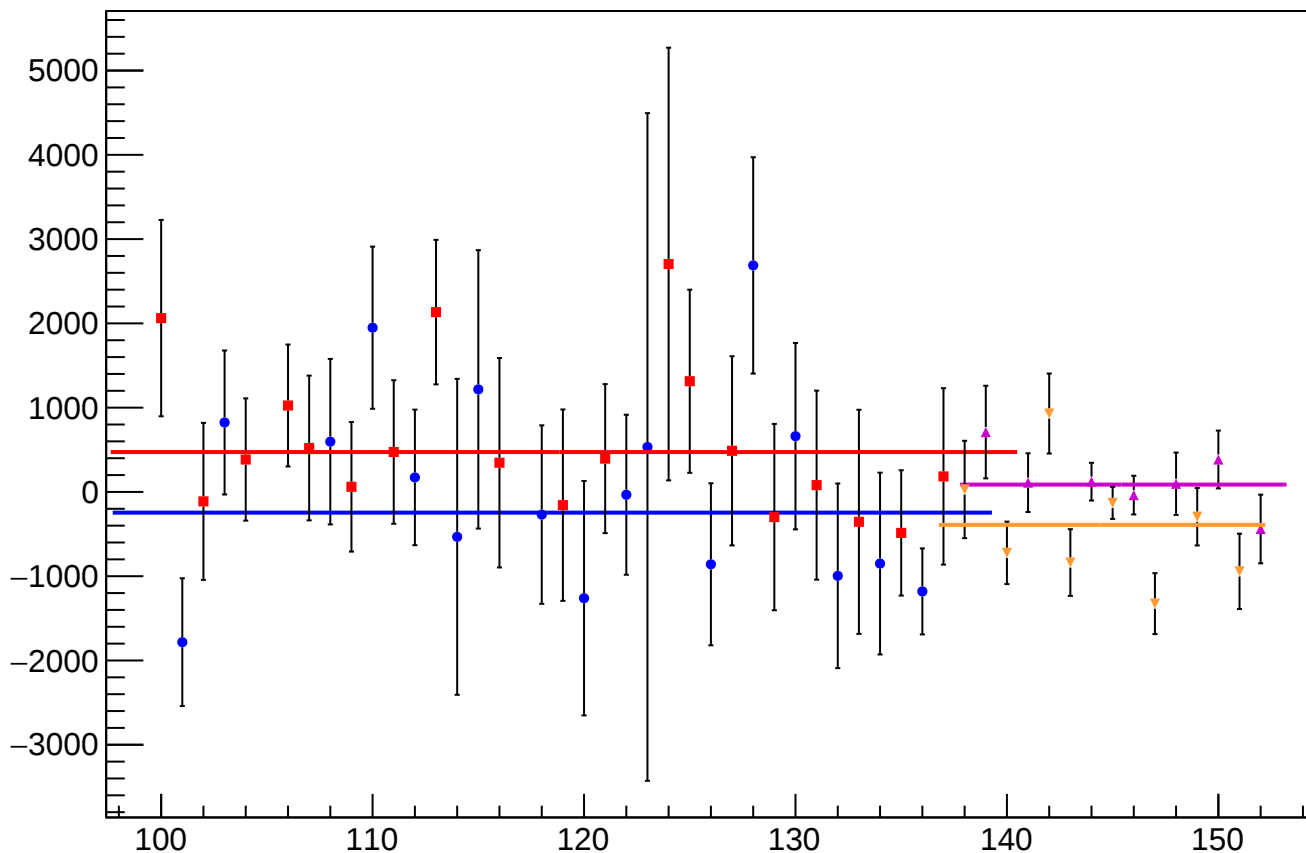
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 64.530 $\pm$ 0.013 χ^2 /NDF: 1033207.2/23

Out: 62.778 $\pm$ 0.013 χ^2 /NDF: 1185981.3/26

All: 63.619 $\pm$ 0.009 χ^2 /NDF: 2228156.0/50

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -390.787+/-119.431 χ^2/NDF : 20.5/7

Right Out: 472.860+/-218.823 χ^2/NDF : 11.3/18

Left In: 87.065+/-117.576 χ^2/NDF : 4.0/6

Left: -148.122+/-83.787 χ^2/NDF : 32.7/14

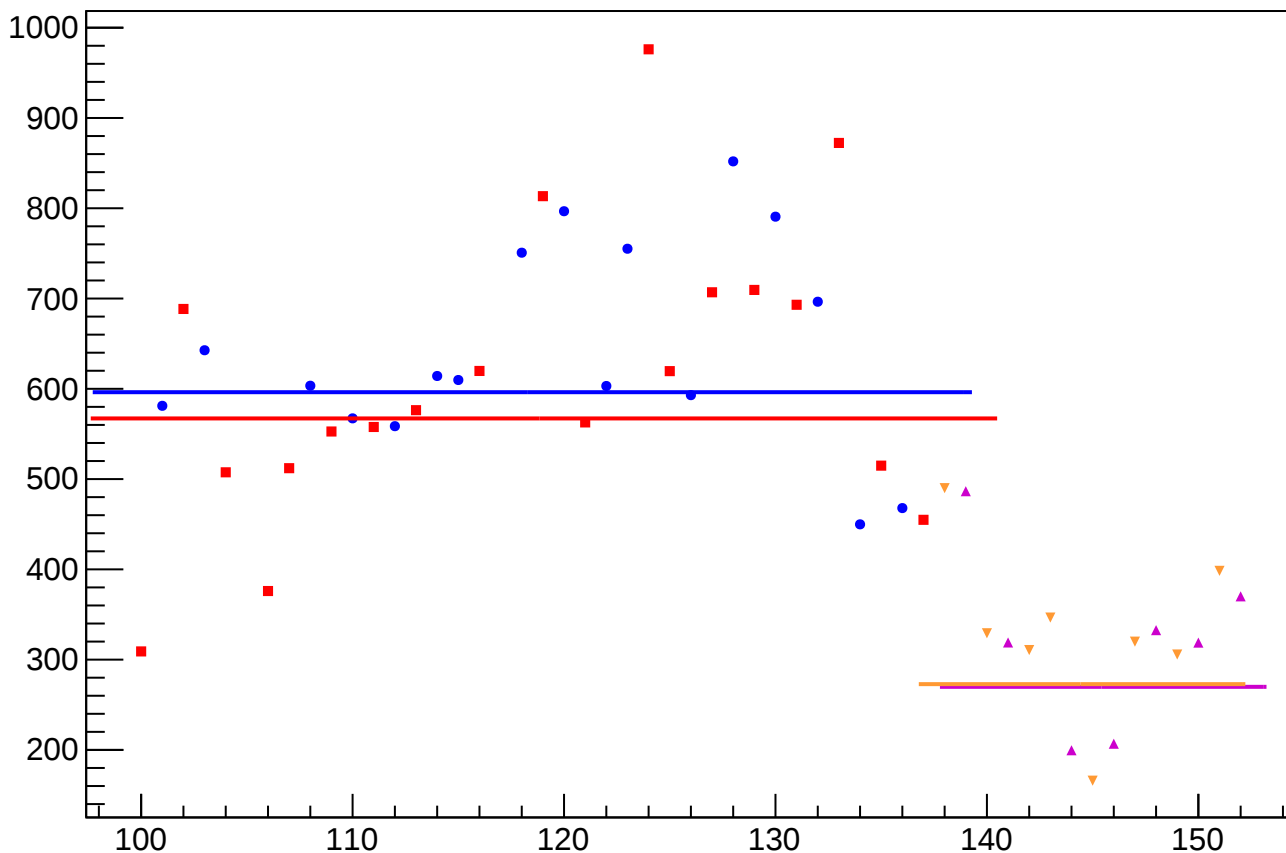
Right: 139.807+/-160.273 χ^2/NDF : 40.1/35

In: 20.640+/-105.186 χ^2/NDF : 29.4/23

Out: -192.568+/-104.833 χ^2/NDF : 43.8/26

All: -86.322+/-74.253 χ^2/NDF : 75.3/50

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 ± 0.166 $\chi^2/NDF: 422153.3/16$

Left Out: 272.852 ± 0.084 $\chi^2/NDF: 1256338.6/7$

Right Out: 567.177 ± 0.155 $\chi^2/NDF: 675391.6/18$

Left In: 269.879 ± 0.083 $\chi^2/NDF: 918178.9/6$

Left: 271.342 ± 0.059 $\chi^2/NDF: 2175146.8/14$

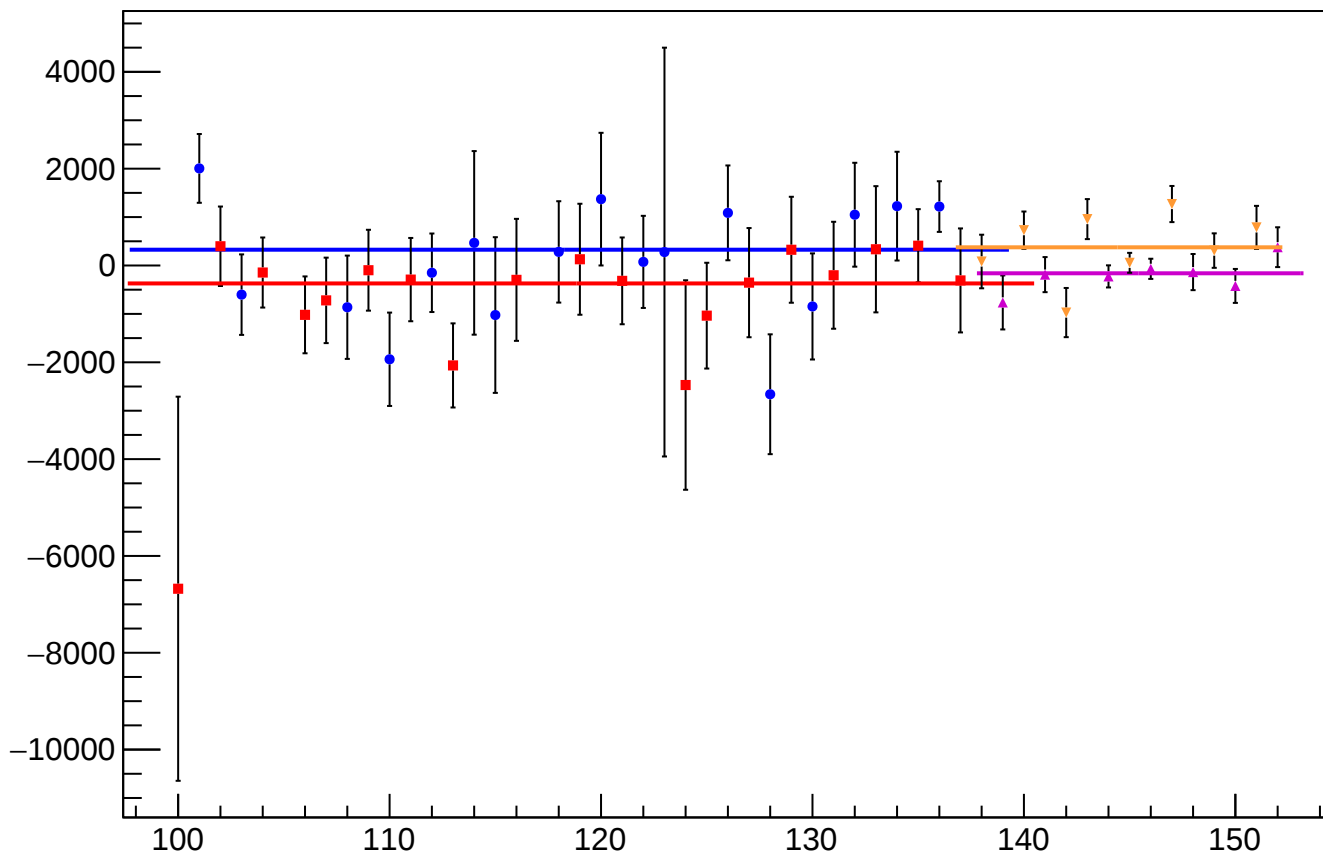
Right: 580.651 ± 0.113 $\chi^2/NDF: 1113905.5/35$

In: 335.041 ± 0.074 $\chi^2/NDF: 4417059.1/23$

Out: 340.404 ± 0.074 $\chi^2/NDF: 4719524.4/26$

All: 337.731 ± 0.053 $\chi^2/NDF: 9139192.0/50$

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 375.479+/-125.527 χ^2/NDF :19.2/7

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -161.142+/-116.036 χ^2/NDF :3.7/6

Left: 86.116+/-85.208 χ^2/NDF : 32.8/14

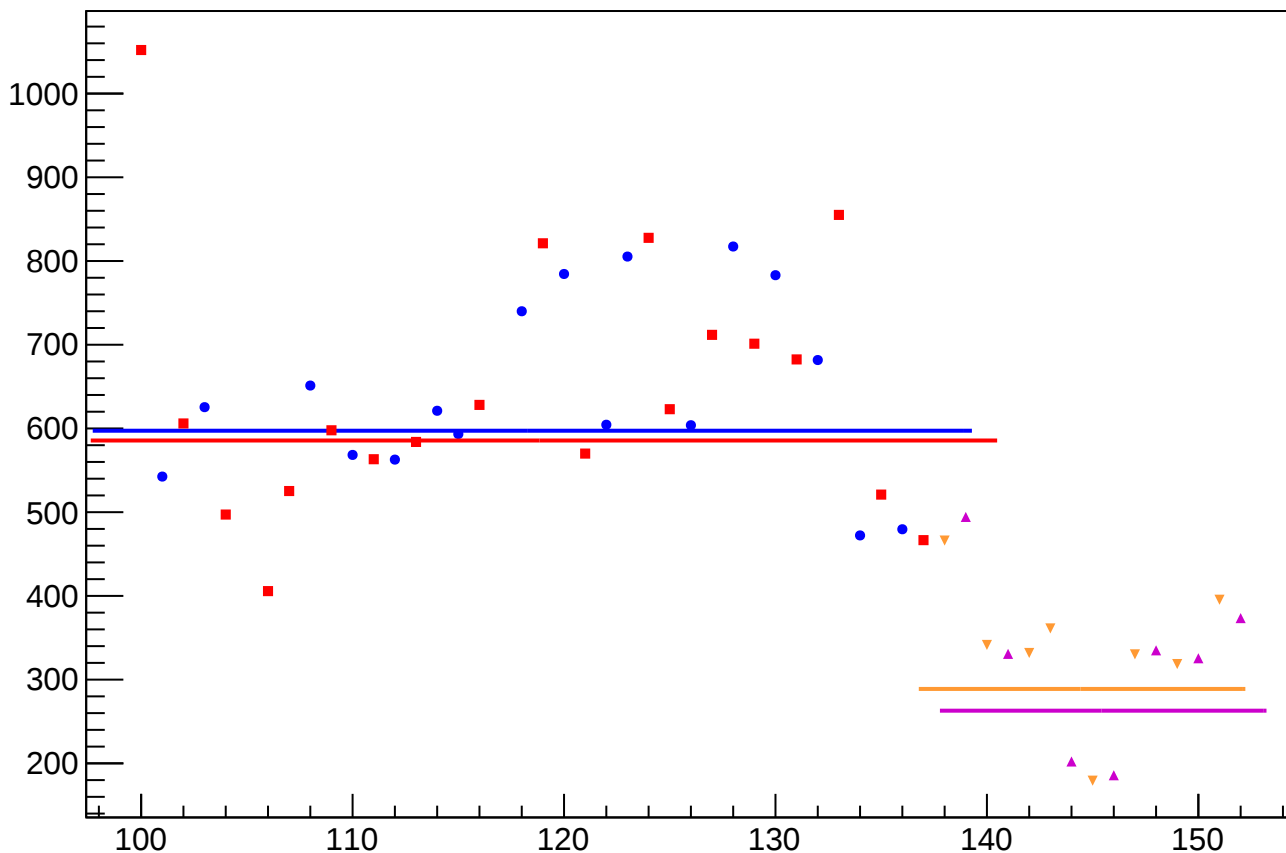
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -66.029+/-104.095 χ^2/NDF :34.0/23

Out: 198.224+/-109.609 χ^2/NDF :39.1/26

All: 59.284+/-75.480 χ^2/NDF : 76.2/50

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 288.887 $\pm$ 0.089 χ^2 /NDF:1038490.1/7

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 262.911 $\pm$ 0.082 χ^2 /NDF:1112901.5/6

Left: 274.880 $\pm$ 0.060 χ^2 /NDF: 2197574.3/14

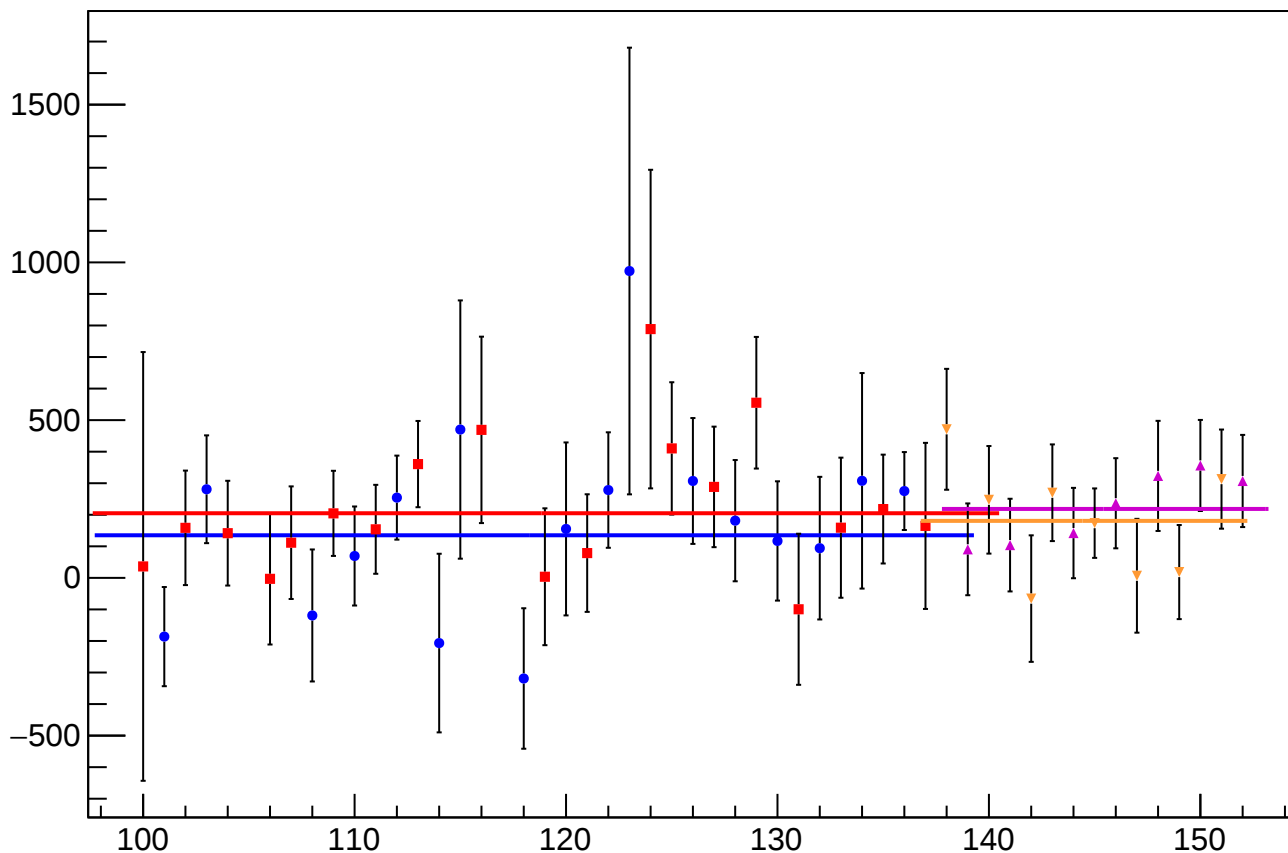
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 328.188 $\pm$ 0.074 χ^2 /NDF:4718915.9/23

Out: 359.373 $\pm$ 0.078 χ^2 /NDF:4167798.1/26

All: 342.977 $\pm$ 0.053 χ^2 /NDF: 8971832.4/50

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: 180.670 $\pm$ 55.230 χ^2 /NDF: 7.1/7

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 218.509 $\pm$ 55.983 χ^2 /NDF: 3.3/6

Left: 199.333 $\pm$ 39.317 χ^2 /NDF: 10.7/14

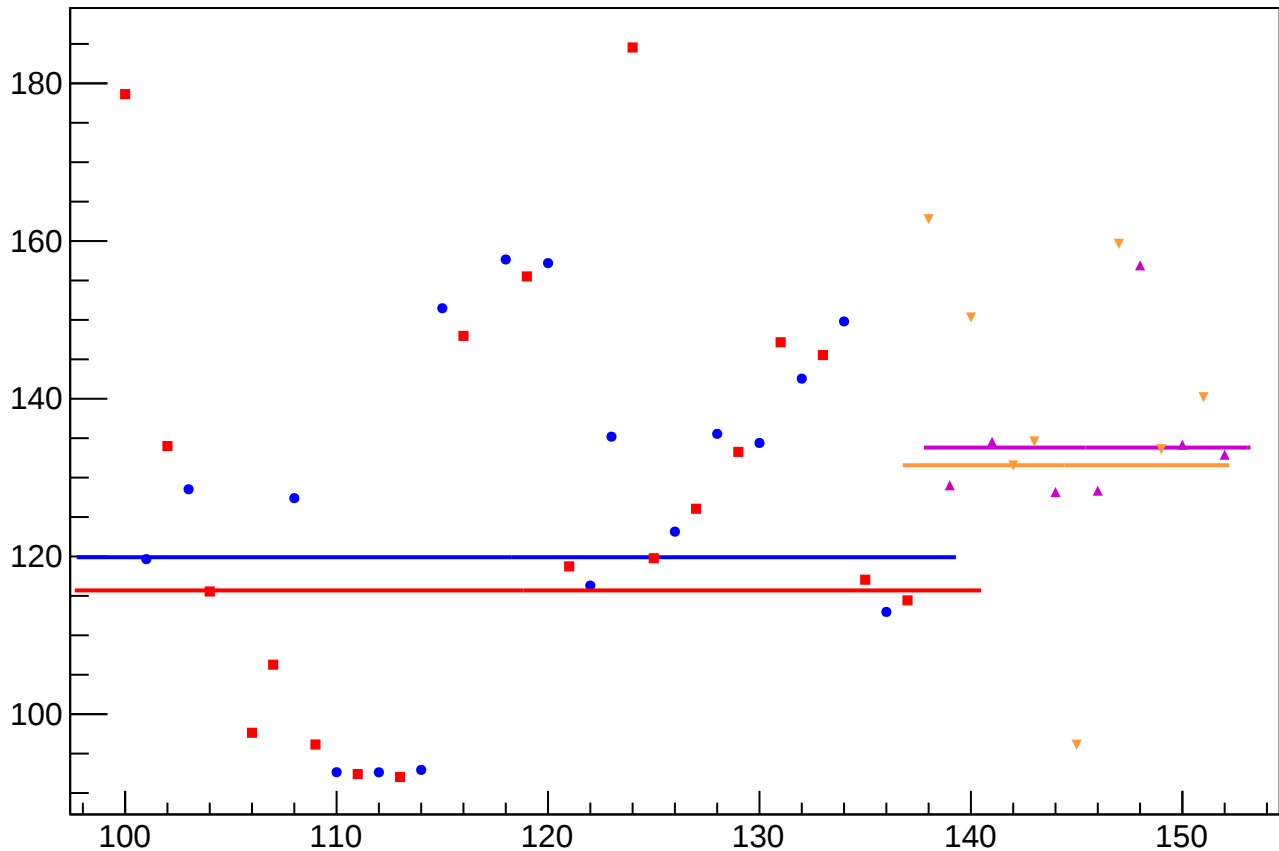
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 169.563 $\pm$ 36.007 χ^2 /NDF: 22.7/23

Out: 195.357 $\pm$ 34.623 χ^2 /NDF: 19.3/26

All: 182.965 $\pm$ 24.957 χ^2 /NDF: 42.3/50

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: 131.572 $\pm$ 0.039 χ^2/NDF :340175.1/7

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 133.807 $\pm$ 0.040 χ^2/NDF :43402.0/6

Left: 132.674 $\pm$ 0.028 χ^2/NDF : 385192.9/14

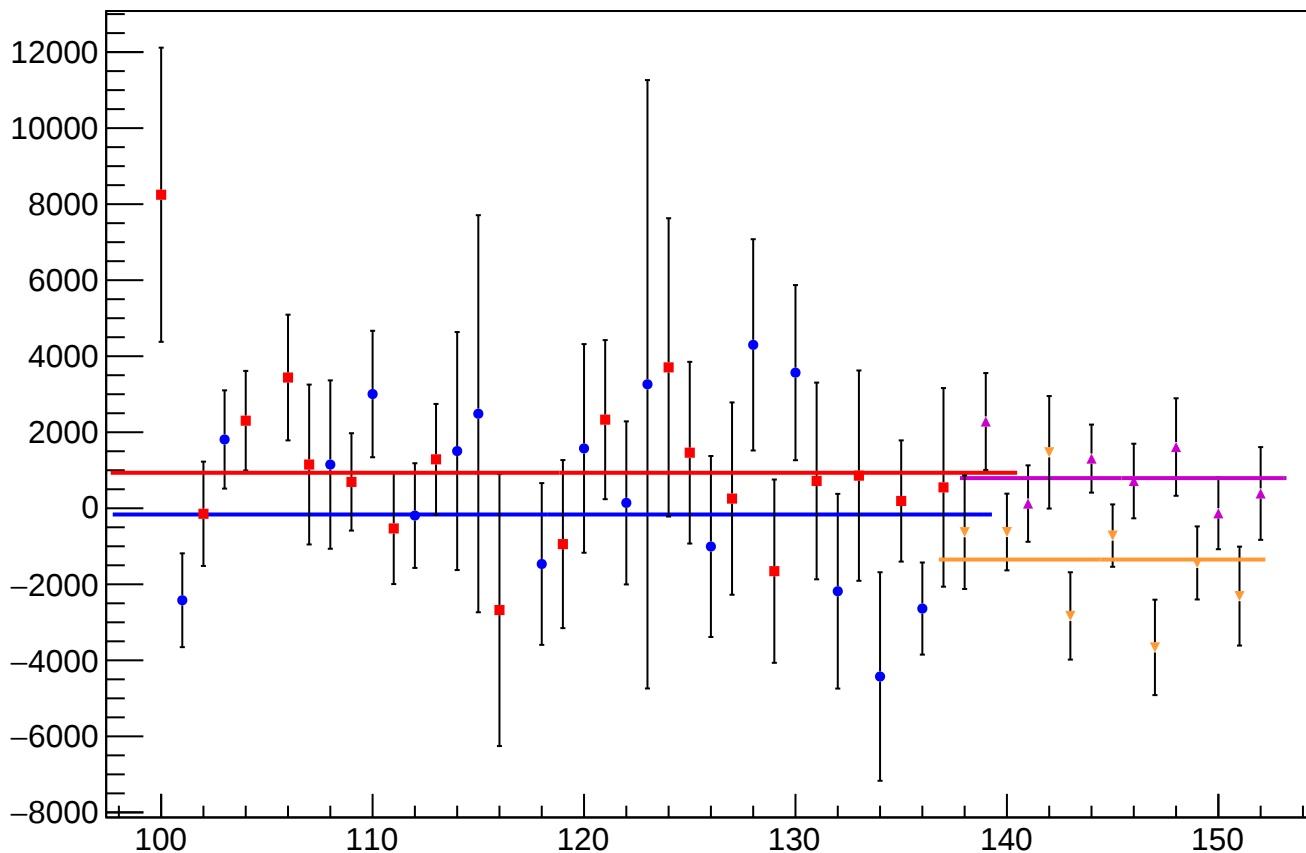
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 125.655 $\pm$ 0.025 χ^2/NDF :461241.9/23

Out: 121.933 $\pm$ 0.024 χ^2/NDF :875866.6/26

All: 123.721 $\pm$ 0.018 χ^2/NDF : 1348212.0/50

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1348.483 $\pm$ 394.080 χ^2 /NDF:10.6/7

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 793.676 $\pm$ 398.593 χ^2 /NDF:3.6/6

Left: -289.601 $\pm$ 280.239 χ^2 /NDF: 28.8/14

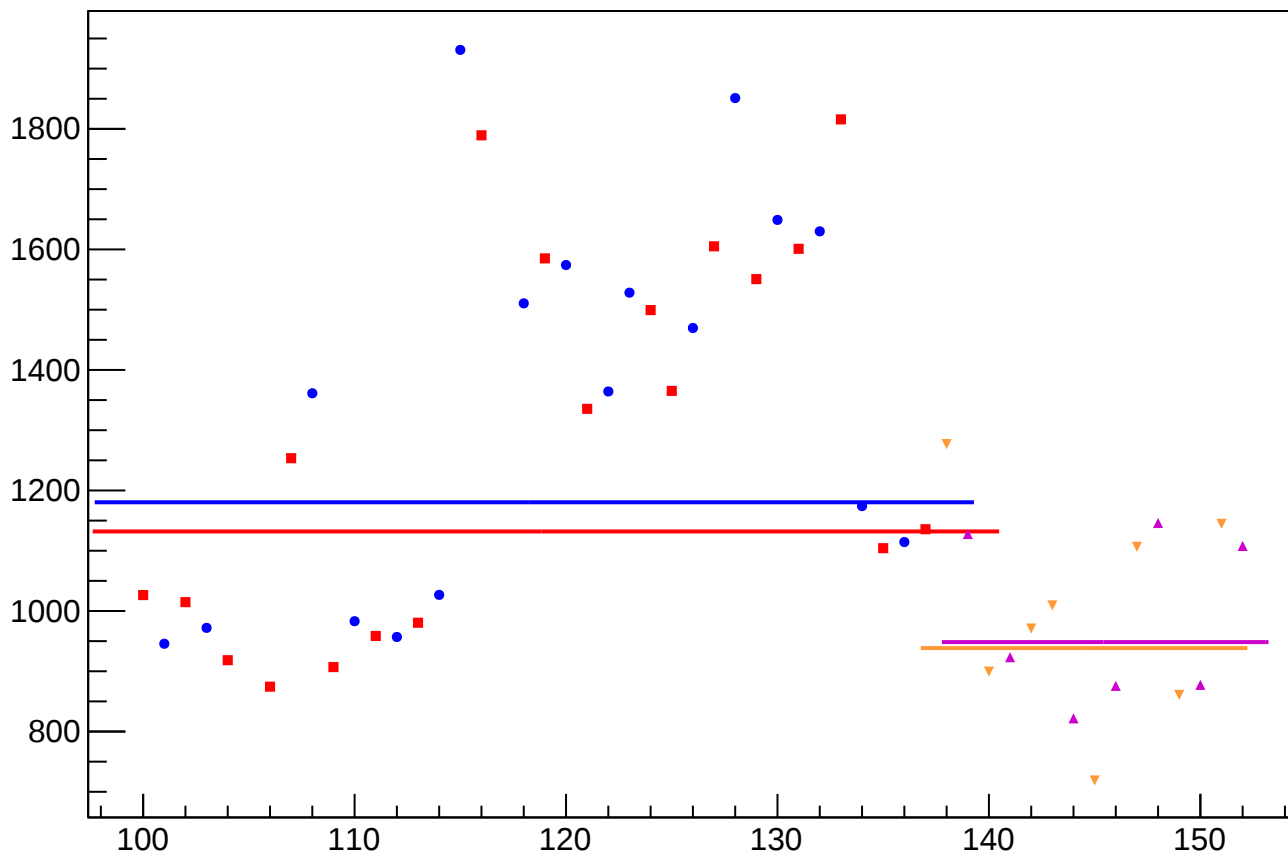
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 392.828 $\pm$ 303.883 χ^2 /NDF:29.7/23

Out: -326.481 $\pm$ 292.852 χ^2 /NDF:38.5/26

All: 19.882 $\pm$ 210.869 χ^2 /NDF: 71.2/50

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 938.476+/-0.279 χ^2/NDF : 356714.7/7

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 948.399+/-0.282 χ^2/NDF : 184733.8/6

Left: 943.381+/-0.198 χ^2/NDF : 542075.3/14

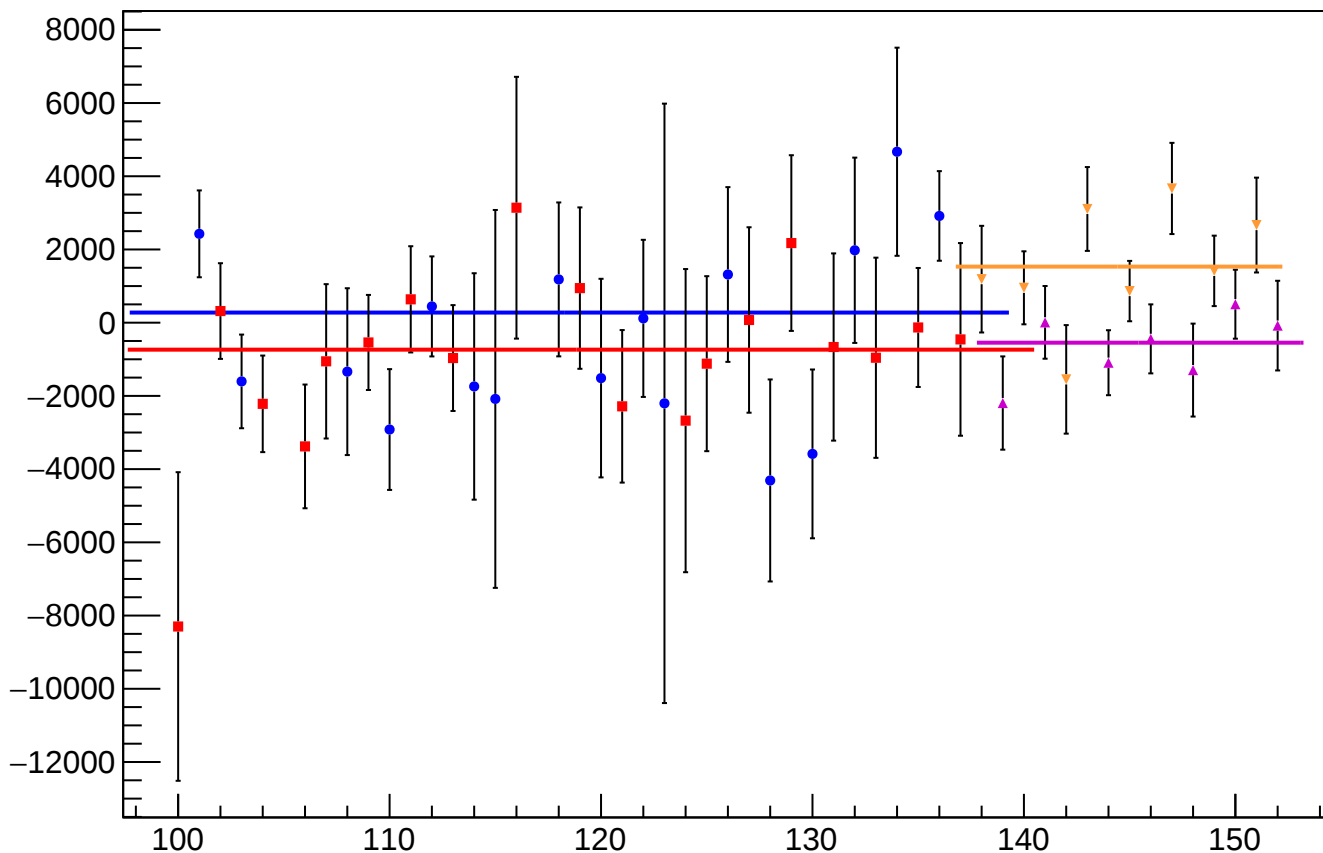
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1045.554+/-0.215 χ^2/NDF : 1137327.2/23

Out: 1025.119+/-0.207 χ^2/NDF : 1334533.3/26

All: 1034.959+/-0.149 χ^2/NDF : 2476549.8/50

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 ± 466.424 χ^2/NDF : 24.3/16

Left Out: 1531.354 ± 392.627 χ^2/NDF : 11.0/7

Right Out: -736.749 ± 437.448 χ^2/NDF : 12.8/18

Left In: -546.226 ± 394.071 χ^2/NDF : 4.1/6

Left: 496.376 ± 278.138 χ^2/NDF : 29.0/14

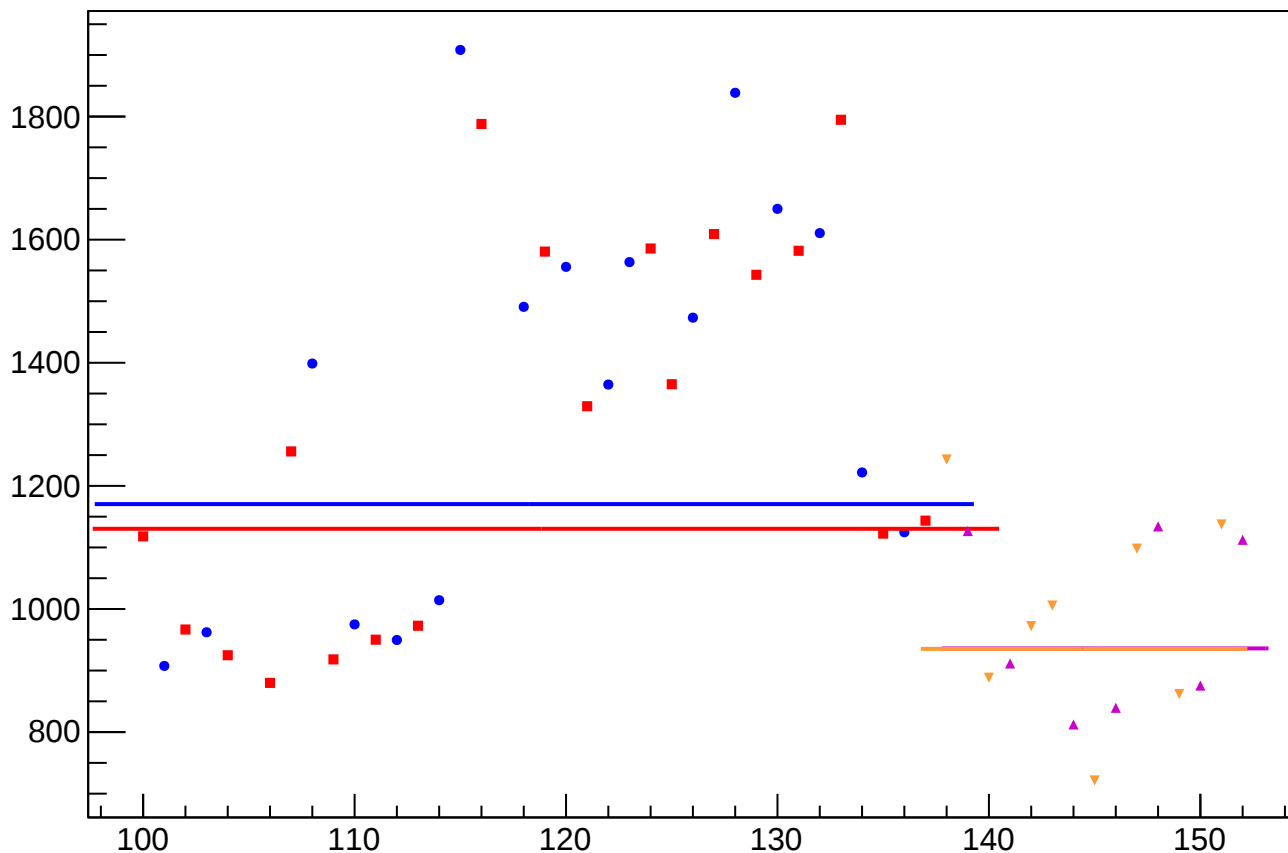
Right: -262.610 ± 319.075 χ^2/NDF : 39.7/35

In: -203.588 ± 301.018 χ^2/NDF : 30.2/23

Out: 519.417 ± 292.195 χ^2/NDF : 38.7/26

All: 168.666 ± 209.663 χ^2/NDF : 71.9/50

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 935.237 $\pm$ 0.278 χ^2/NDF : 331415.2/7

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 935.951 $\pm$ 0.279 χ^2/NDF : 204267.9/6

Left: 935.593 $\pm$ 0.197 χ^2/NDF : 535686.3/14

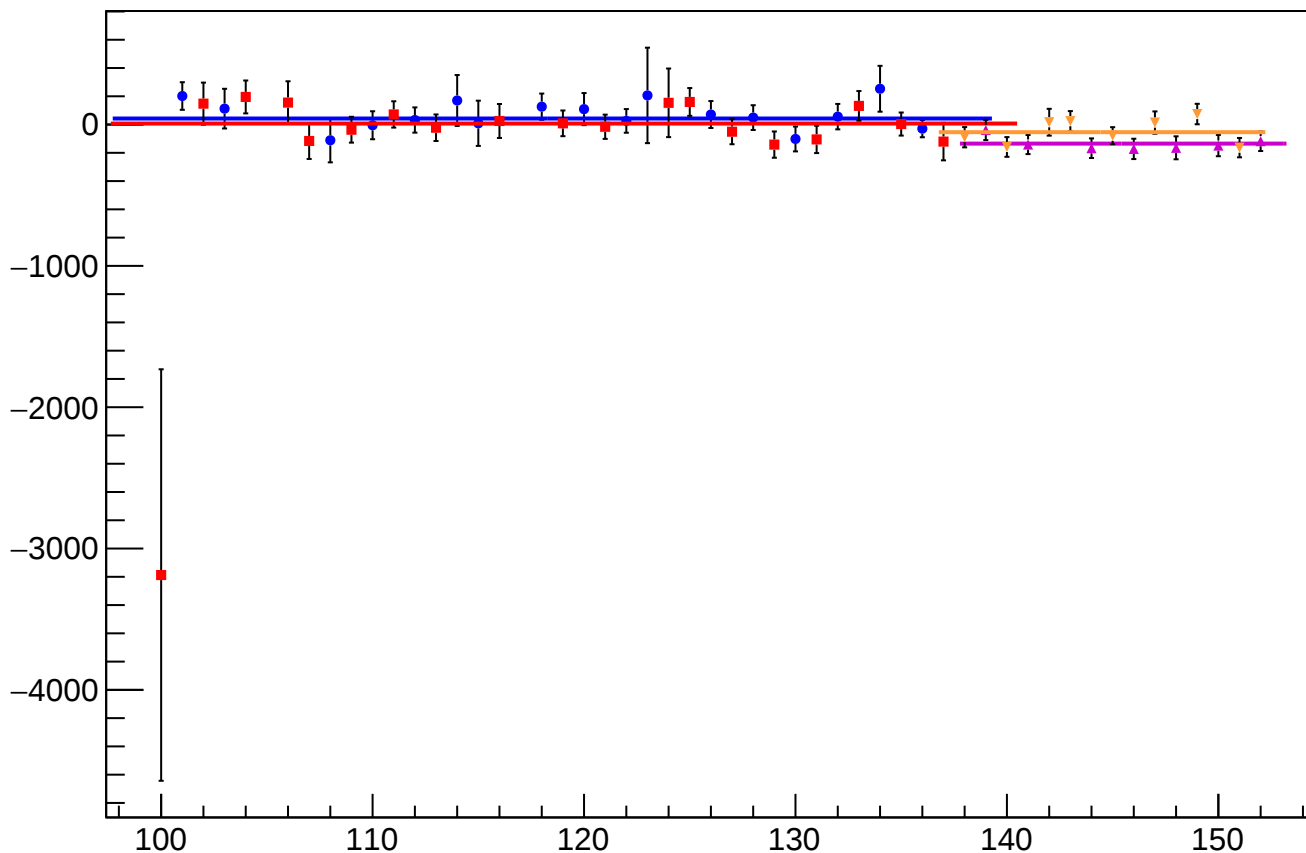
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1033.603 $\pm$ 0.213 χ^2/NDF : 1204613.7/23

Out: 1022.276 $\pm$ 0.207 χ^2/NDF : 1314756.8/26

All: 1027.771 $\pm$ 0.148 χ^2/NDF : 2520828.3/50

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: -54.008 ± 25.406 $\chi^2/\text{NDF}: 10.8/7$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -134.894 ± 27.231 $\chi^2/\text{NDF}: 2.5/6$

Left: -91.651 ± 18.576 $\chi^2/\text{NDF}: 18.1/14$

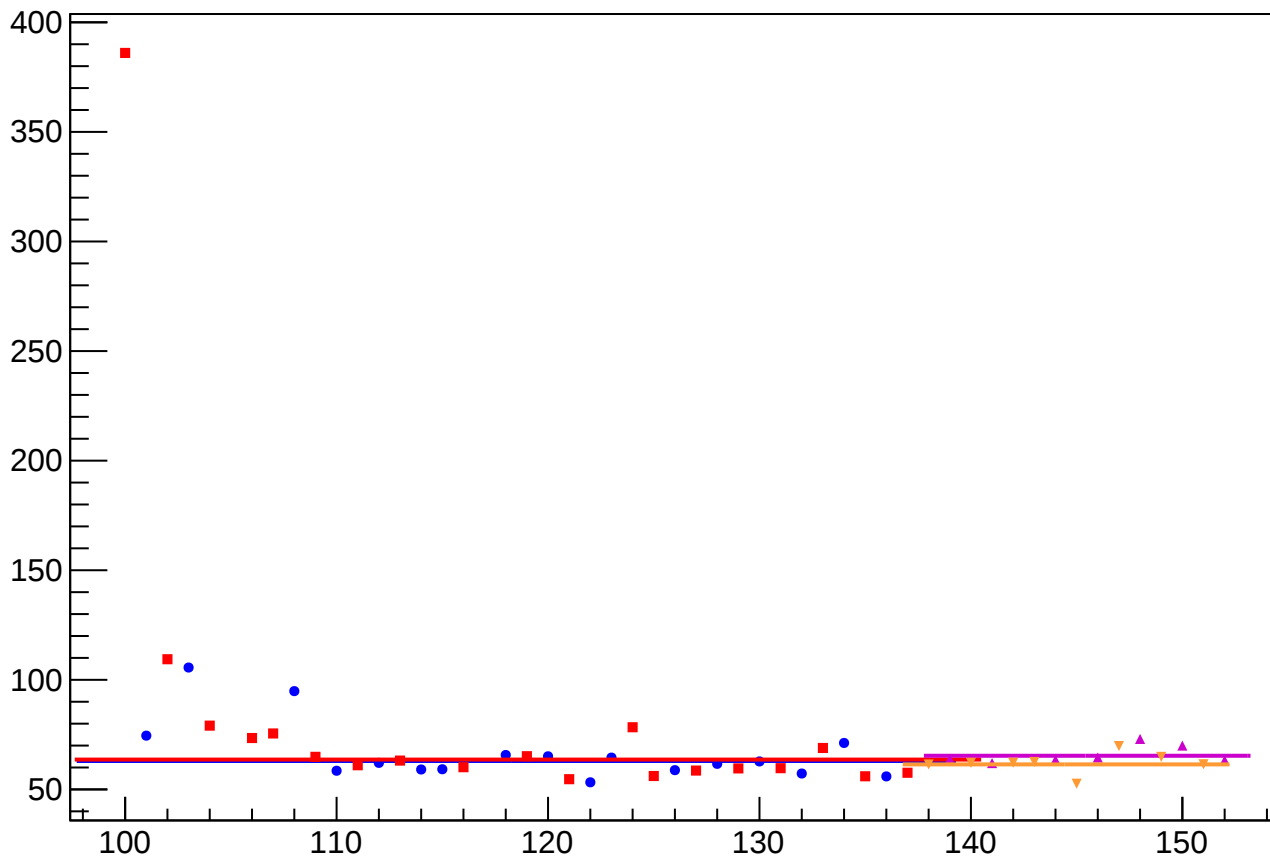
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -37.481 ± 18.295 $\chi^2/\text{NDF}: 37.9/23$

Out: -22.336 ± 17.632 $\chi^2/\text{NDF}: 34.4/26$

All: -29.629 ± 12.696 $\chi^2/\text{NDF}: 72.6/50$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.420 $\pm$ 0.018 χ^2 /NDF: 70791.0/7

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 65.354 $\pm$ 0.019 χ^2 /NDF: 34648.3/6

Left: 63.251 $\pm$ 0.013 χ^2 /NDF: 127755.9/14

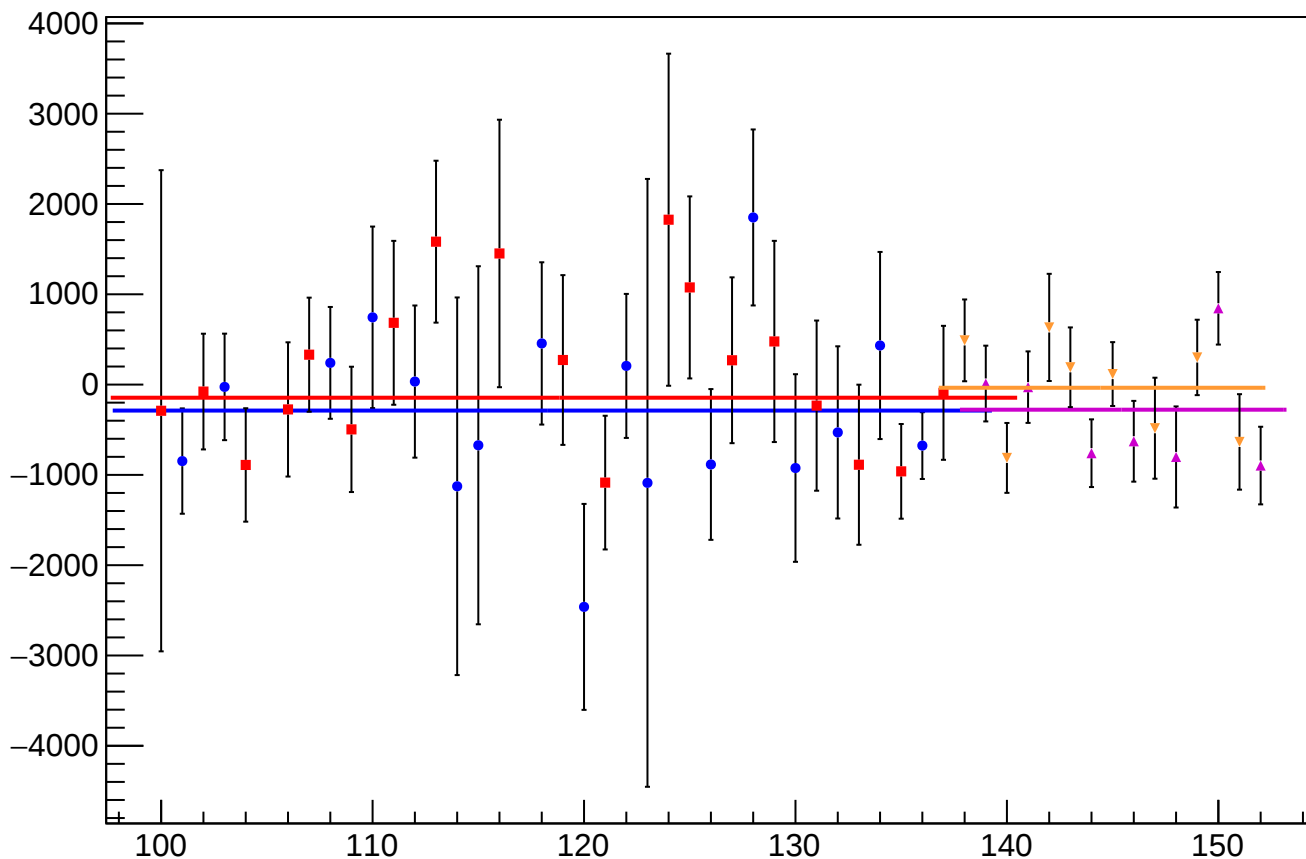
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 64.052 $\pm$ 0.013 χ^2 /NDF: 418252.5/23

Out: 62.557 $\pm$ 0.012 χ^2 /NDF: 512065.5/26

All: 63.277 $\pm$ 0.009 χ^2 /NDF: 937238.5/50

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -35.180+/-158.036 χ^2/NDF : 9.7/7

Right Out: -145.341+/-187.312 χ^2/NDF : 16.1/18

Left In: -278.088+/-160.178 χ^2/NDF : 13.9/6

Left: -154.999+/-112.498 χ^2/NDF : 24.7/14

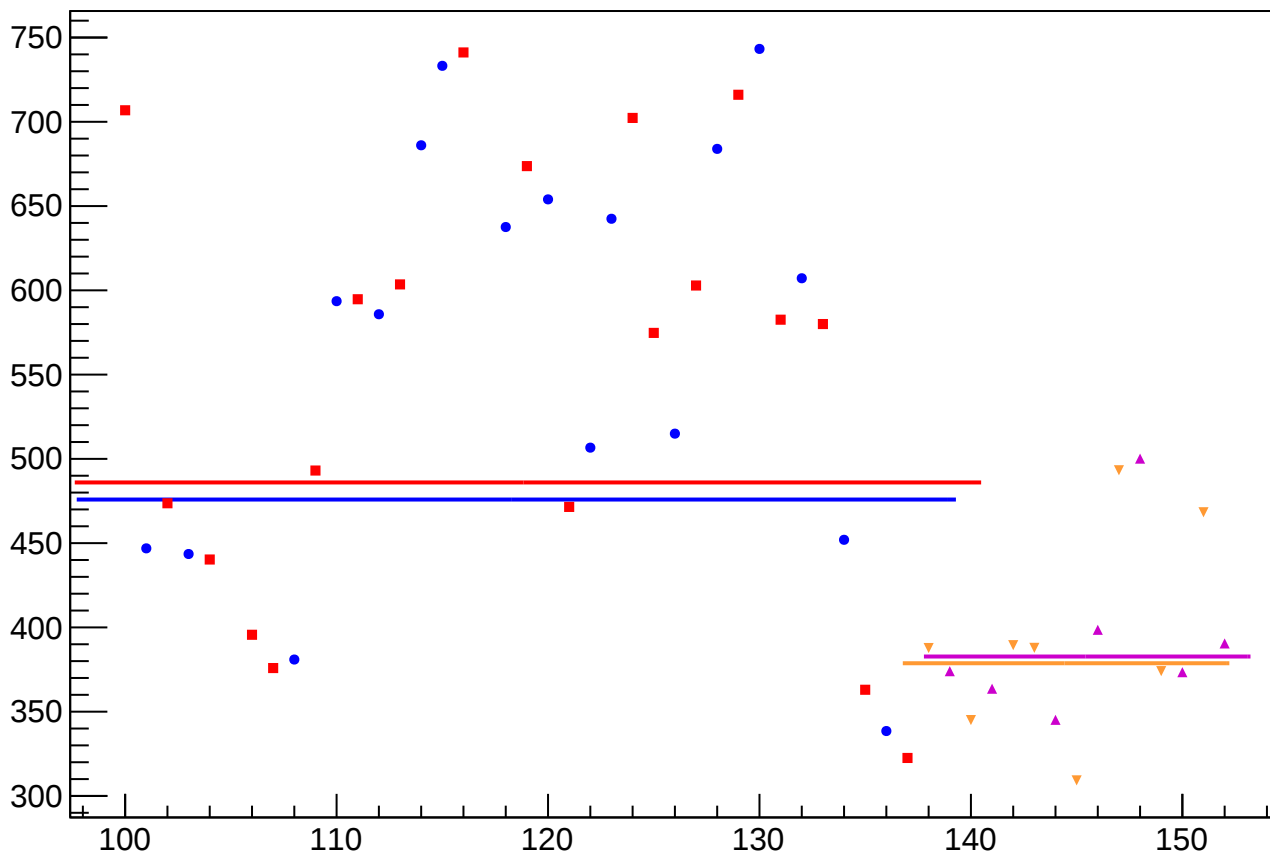
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -282.077+/-122.435 χ^2/NDF : 29.3/23

Out: -80.989+/-120.788 χ^2/NDF : 25.9/26

All: -180.171+/-85.987 χ^2/NDF : 56.6/50

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: 378.736+/-0.112 χ^2/NDF : 236323.2/7

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 382.728+/-0.113 χ^2/NDF : 117851.1/6

Left: 380.706+/-0.080 χ^2/NDF : 354803.8/14

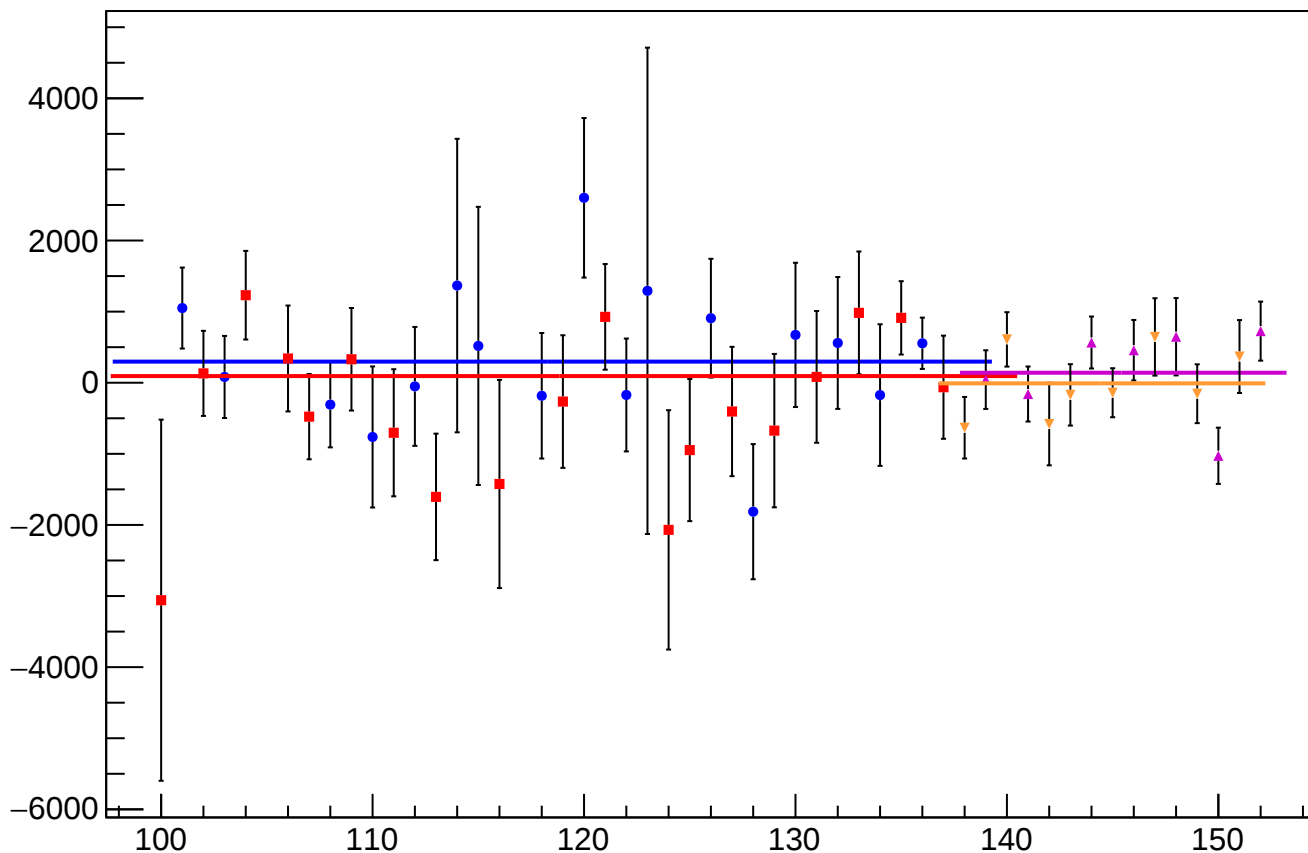
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 421.451+/-0.087 χ^2/NDF : 1236809.5/23

Out: 423.344+/-0.085 χ^2/NDF : 1349649.6/26

All: 422.411+/-0.061 χ^2/NDF : 2586701.4/50

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: -8.554 $\pm$ 154.430 χ^2 /NDF: 8.1/7

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 140.430 $\pm$ 155.917 χ^2 /NDF: 14.1/6

Left: 65.224 $\pm$ 109.720 χ^2 /NDF: 22.7/14

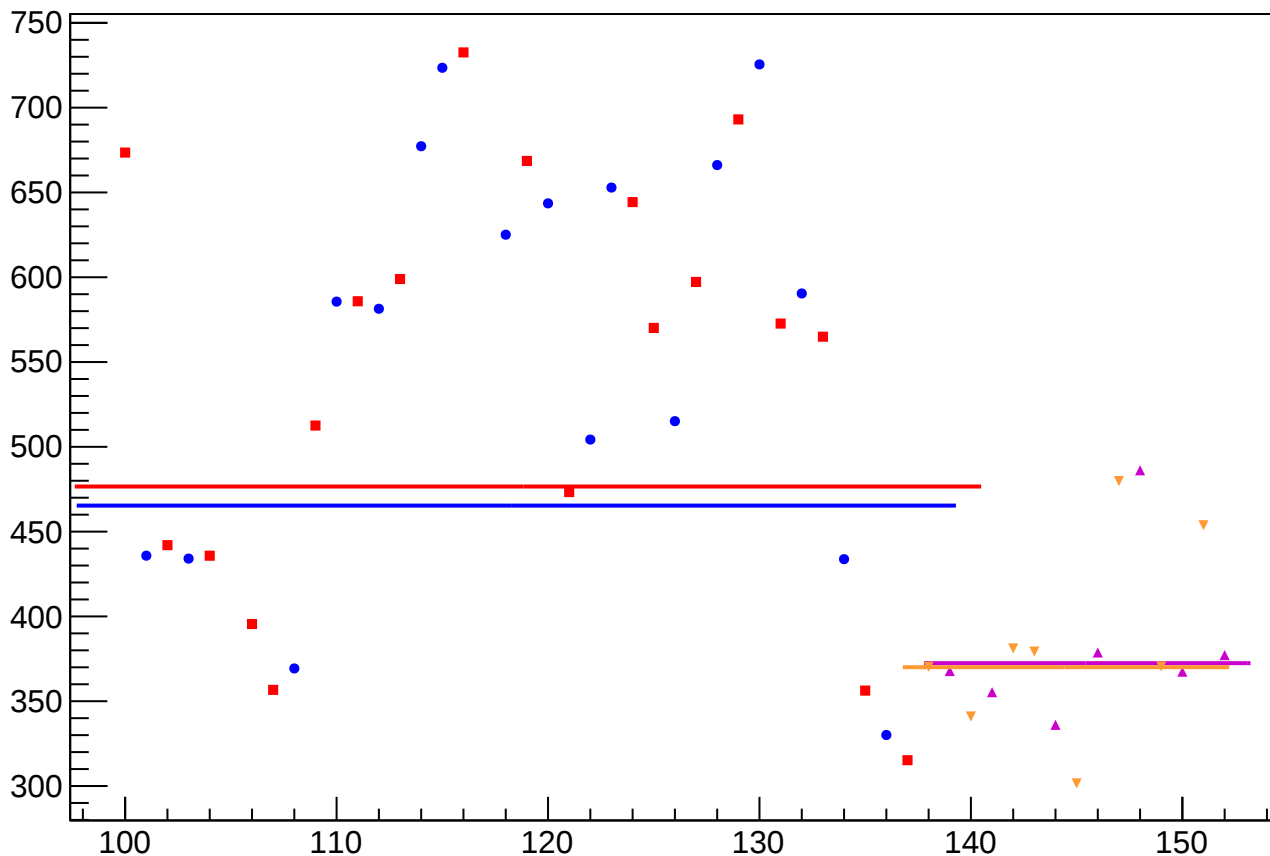
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 205.049 $\pm$ 119.482 χ^2 /NDF: 30.4/23

Out: 33.655 $\pm$ 118.267 χ^2 /NDF: 28.3/26

All: 118.476 $\pm$ 84.053 χ^2 /NDF: 59.8/50

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 370.058 $\pm$ 0.109 χ^2/NDF : 226816.4/7

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 372.449 $\pm$ 0.110 χ^2/NDF : 112311.4/6

Left: 371.242 $\pm$ 0.078 χ^2/NDF : 339365.4/14

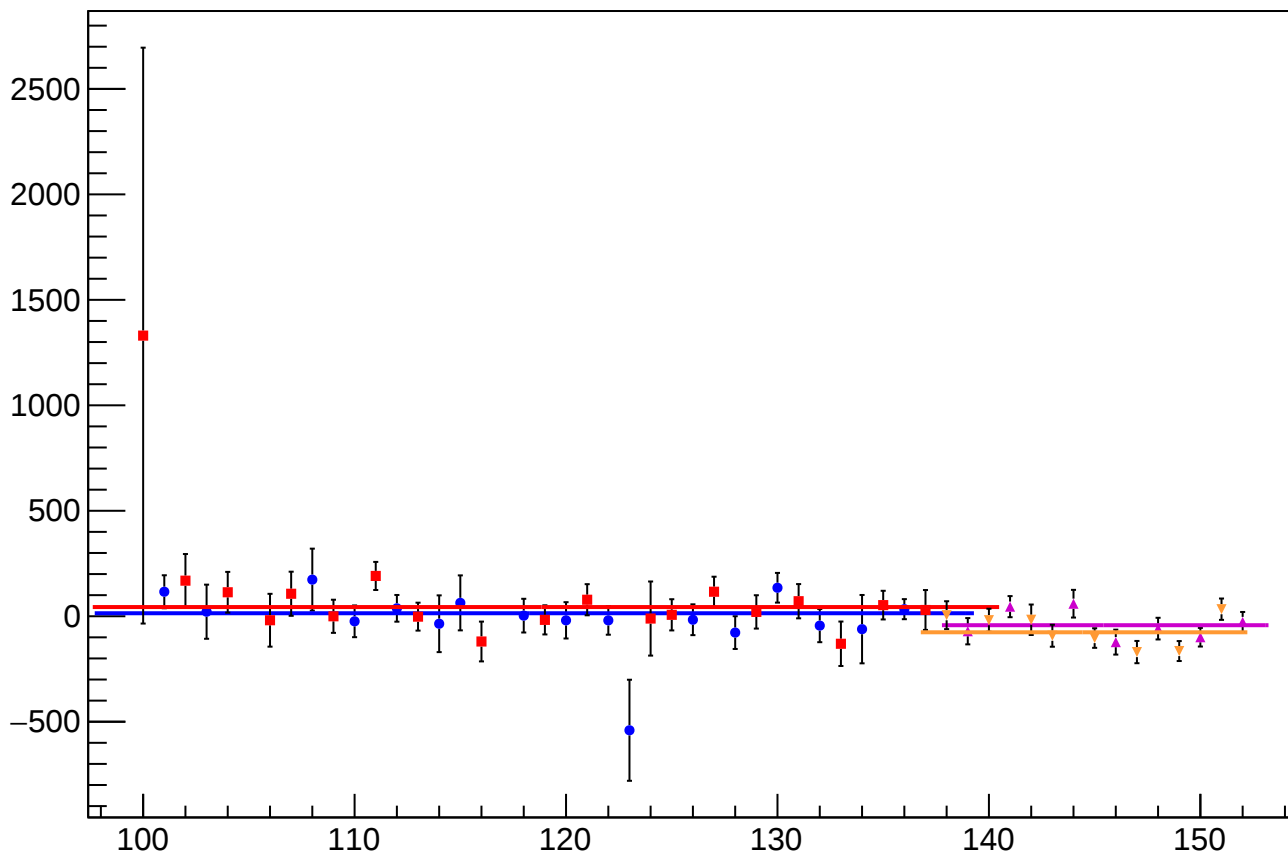
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 410.797 $\pm$ 0.084 χ^2/NDF : 1265841.1/23

Out: 414.113 $\pm$ 0.084 χ^2/NDF : 1373370.5/26

All: 412.472 $\pm$ 0.059 χ^2/NDF : 2639989.5/50

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: -76.028+/-18.930 χ^2/NDF :15.1/7

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -42.452+/-19.944 χ^2/NDF :9.4/6

Left: -60.116+/-13.730 χ^2/NDF : 26.0/14

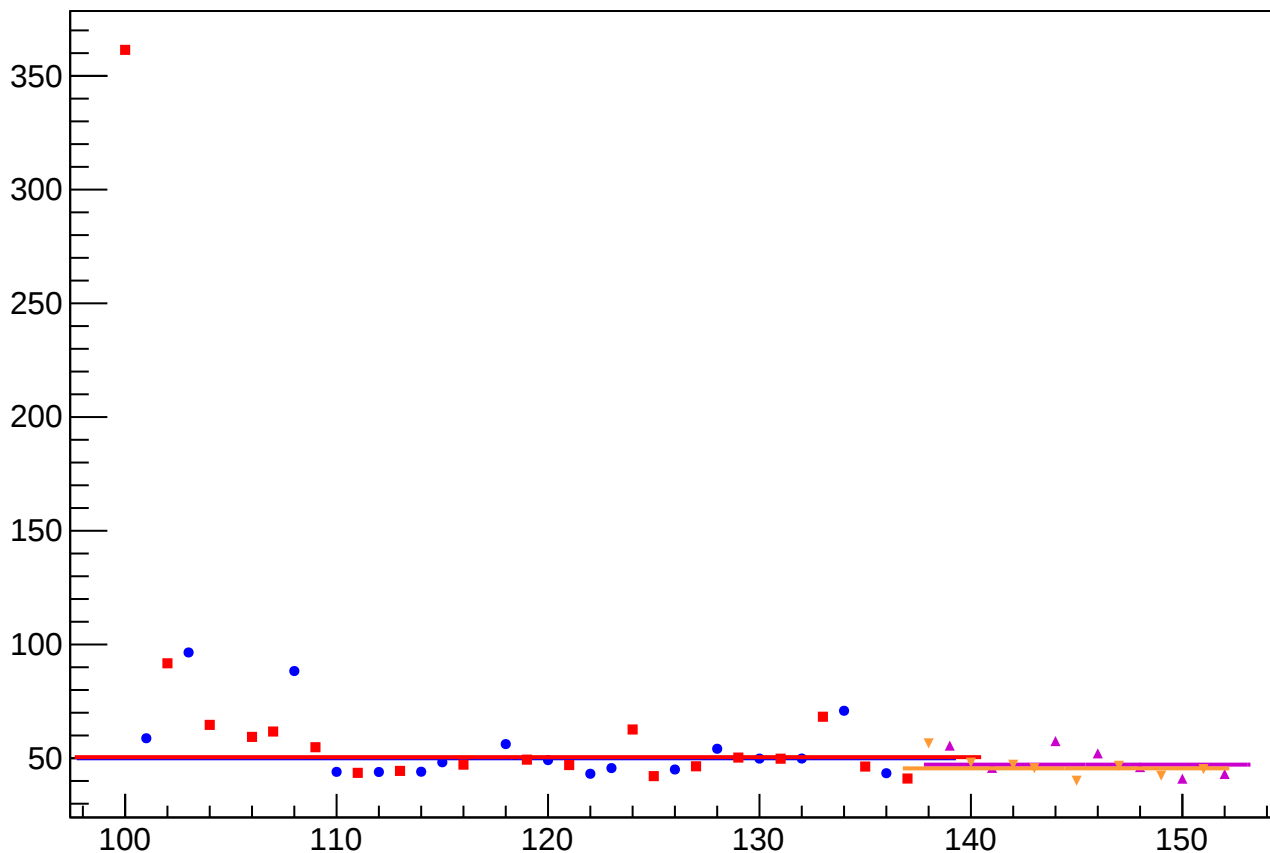
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: -13.989+/-14.075 χ^2/NDF :28.3/23

Out: -18.439+/-13.632 χ^2/NDF :51.4/26

All: -16.285+/-9.792 χ^2/NDF : 79.7/50

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 45.548 $\pm$ 0.013 χ^2 /NDF: 98168.1/7

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 47.182 $\pm$ 0.014 χ^2 /NDF: 156382.3/6

Left: 46.322 $\pm$ 0.010 χ^2 /NDF: 261613.3/14

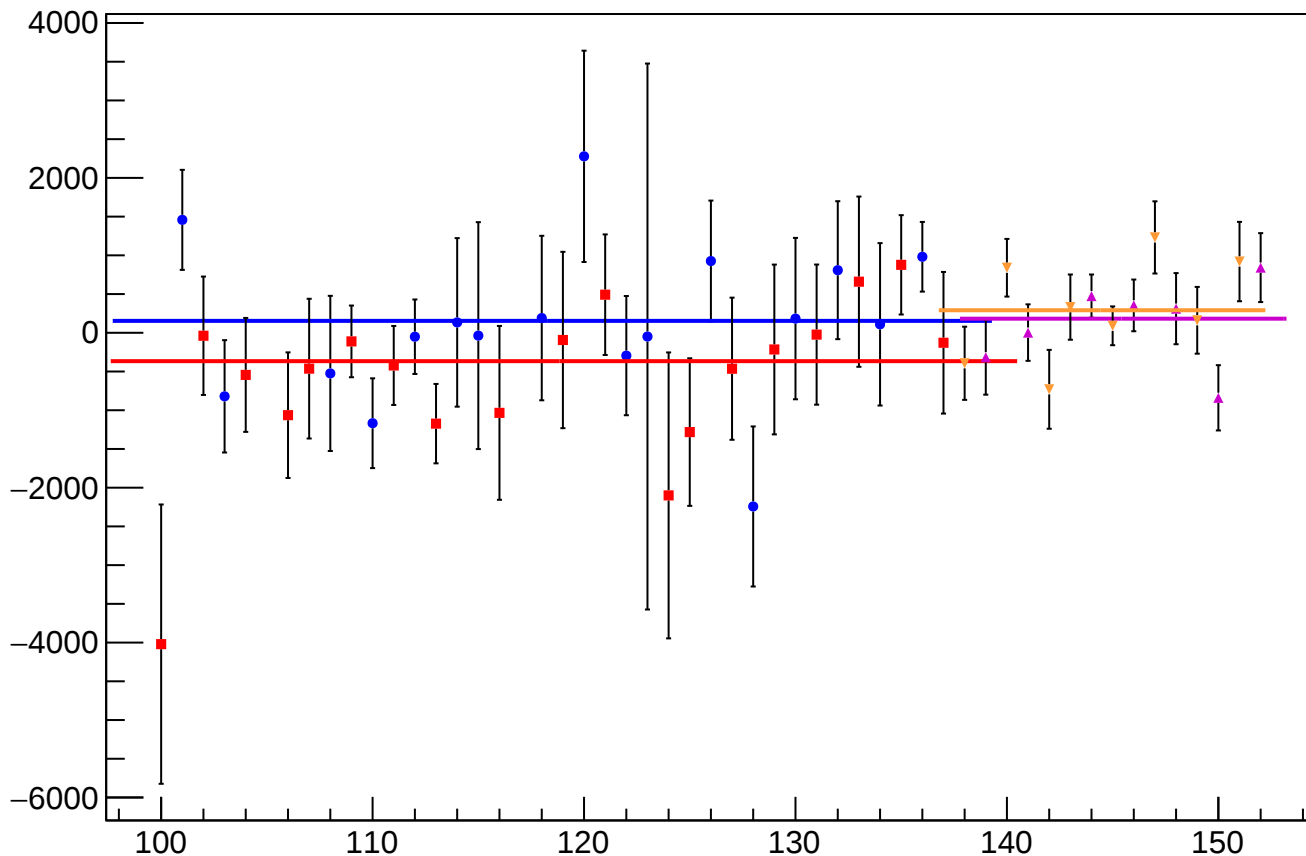
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 48.583 $\pm$ 0.010 χ^2 /NDF: 754794.1/23

Out: 47.918 $\pm$ 0.010 χ^2 /NDF: 734619.7/26

All: 48.240 $\pm$ 0.007 χ^2 /NDF: 1491713.6/50

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: 290.963 $\pm$ 140.137 χ^2 /NDF:14.6/7

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 182.142 $\pm$ 142.767 χ^2 /NDF:10.8/6

Left: 237.564 $\pm$ 100.009 χ^2 /NDF: 25.7/14

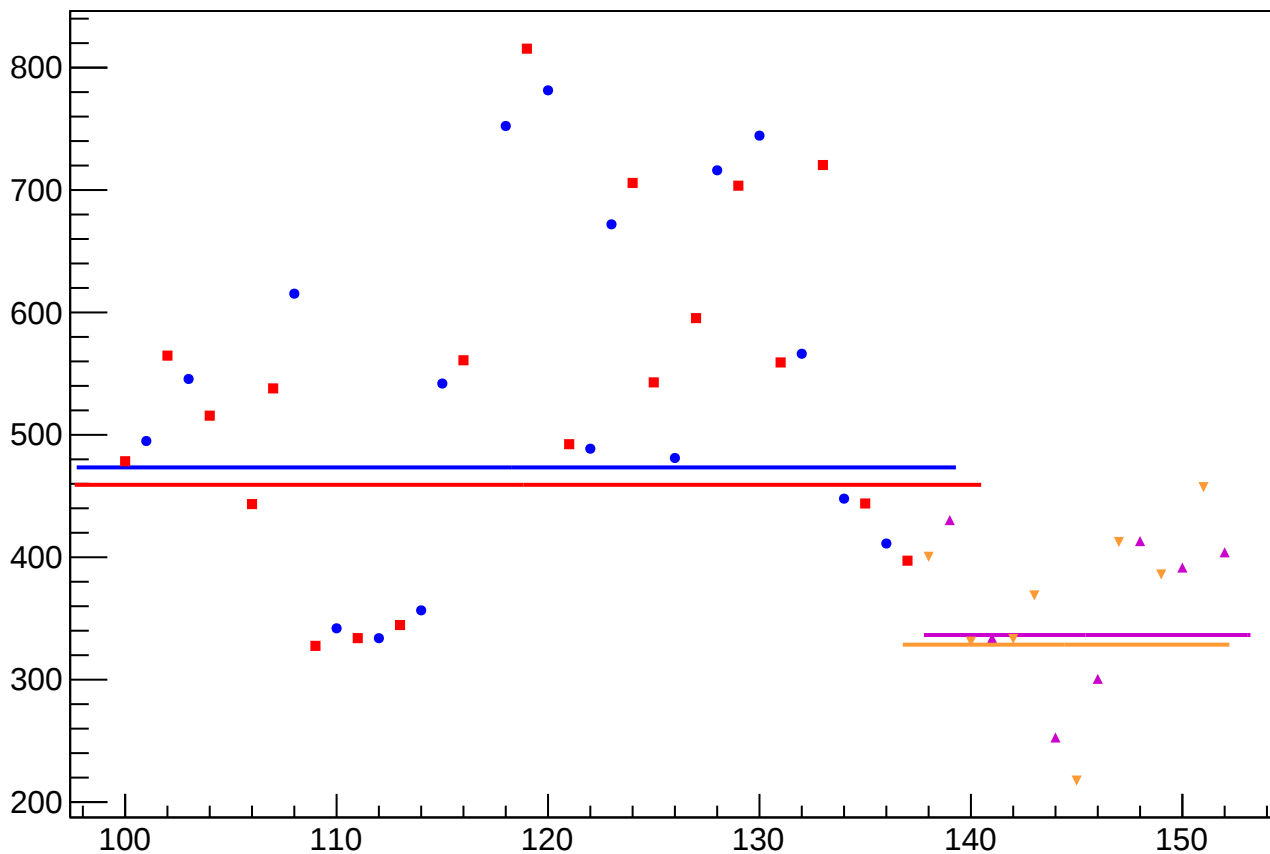
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 171.927 $\pm$ 114.128 χ^2 /NDF:35.6/23

Out: 41.048 $\pm$ 110.322 χ^2 /NDF:39.2/26

All: 104.269 $\pm$ 79.321 χ^2 /NDF: 75.5/50

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: 328.591 $\pm$ 0.099 χ^2 /NDF: 683987.3/7

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 336.494 $\pm$ 0.101 χ^2 /NDF: 415014.0/6

Left: 332.469 $\pm$ 0.071 χ^2 /NDF: 1102122.4/14

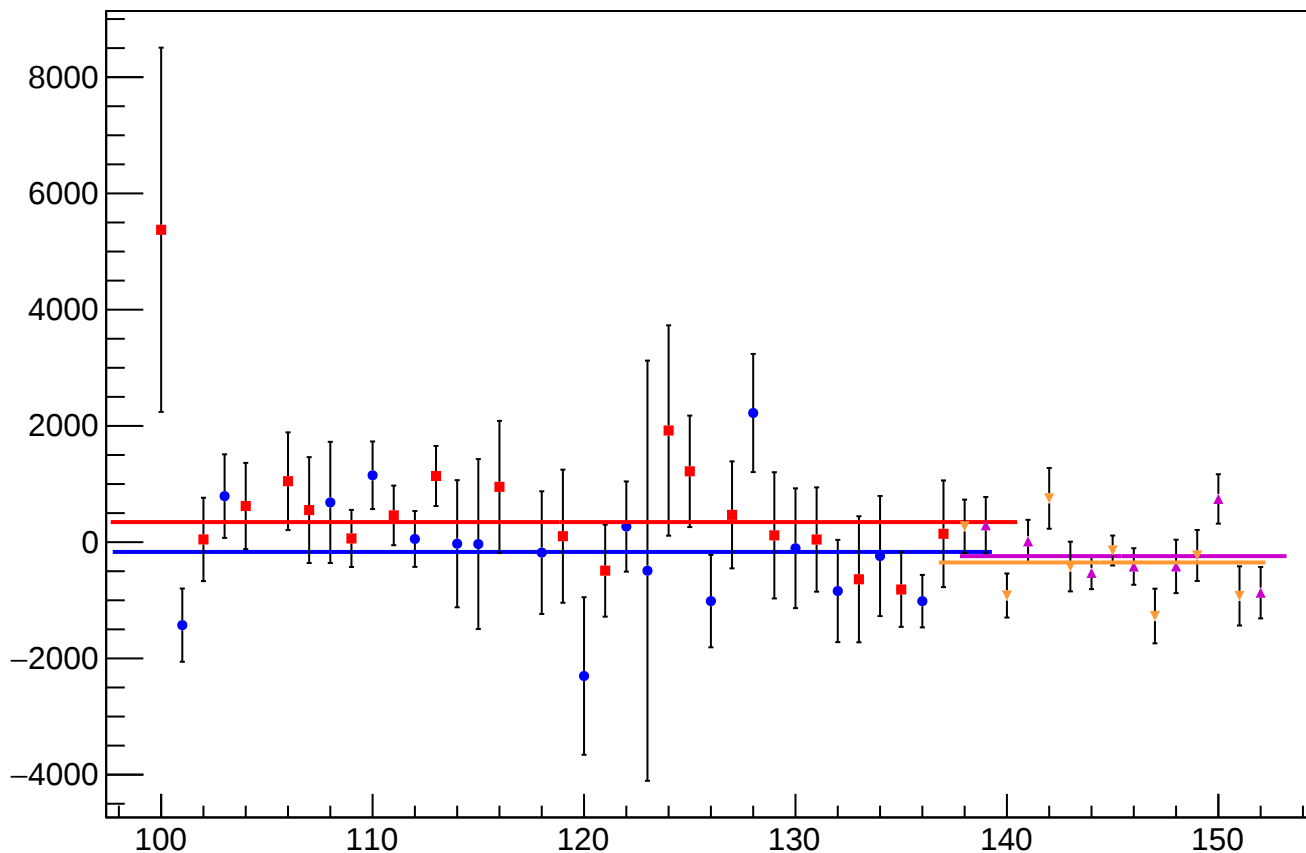
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 385.913 $\pm$ 0.081 χ^2 /NDF: 1993855.0/23

Out: 378.247 $\pm$ 0.078 χ^2 /NDF: 2350864.8/26

All: 381.950 $\pm$ 0.056 χ^2 /NDF: 4349384.0/50

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -349.198+/-142.056 χ^2/NDF :14.4/7

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -240.318+/-141.682 χ^2/NDF :10.6/6

Left: -294.614+/-100.316 χ^2/NDF : 25.3/14

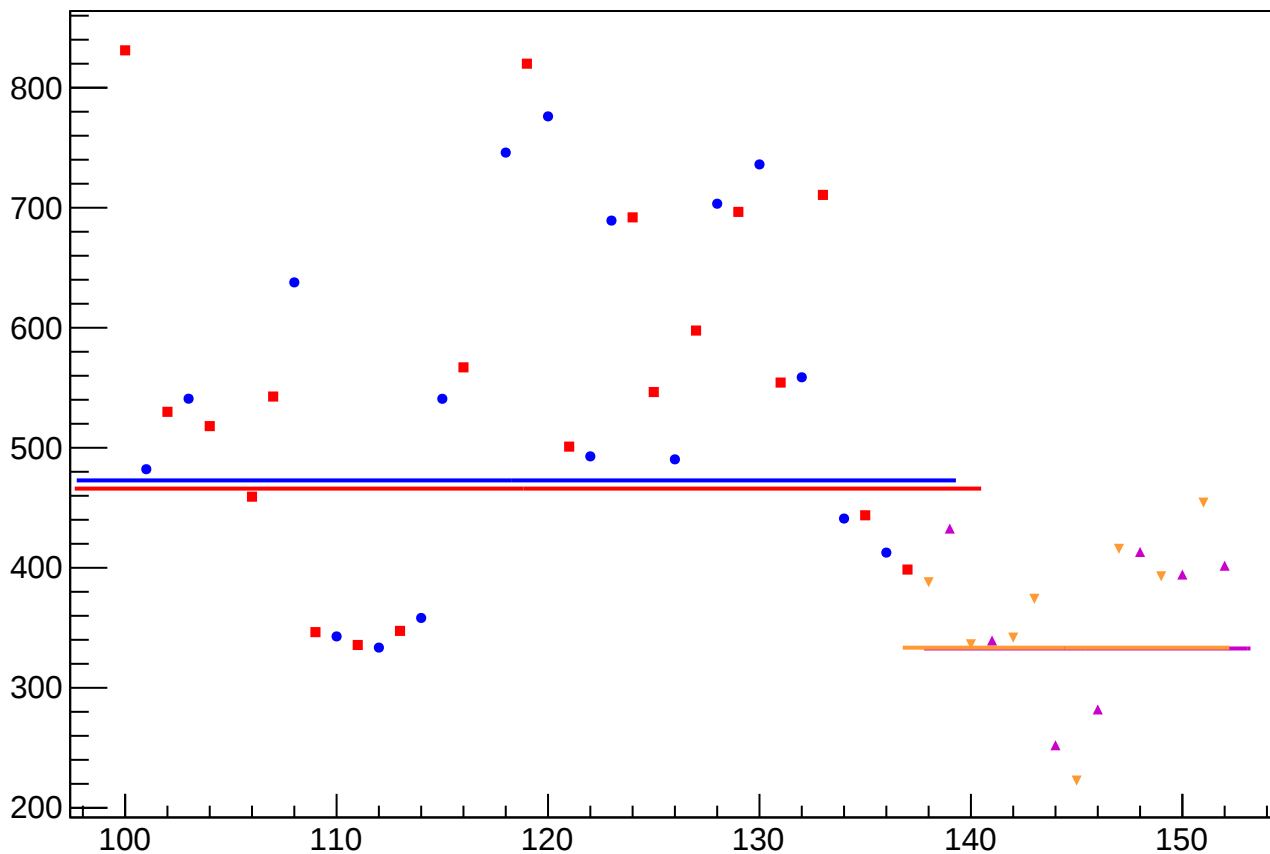
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -214.450+/-113.528 χ^2/NDF :36.1/23

Out: -84.863+/-111.809 χ^2/NDF :37.2/26

All: -148.668+/-79.662 χ^2/NDF : 74.0/50

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 333.445 $\pm$ 0.100 χ^2 /NDF: 629253.5/7

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 332.780 $\pm$ 0.100 χ^2 /NDF: 455883.8/6

Left: 333.112 $\pm$ 0.071 χ^2 /NDF: 1085159.3/14

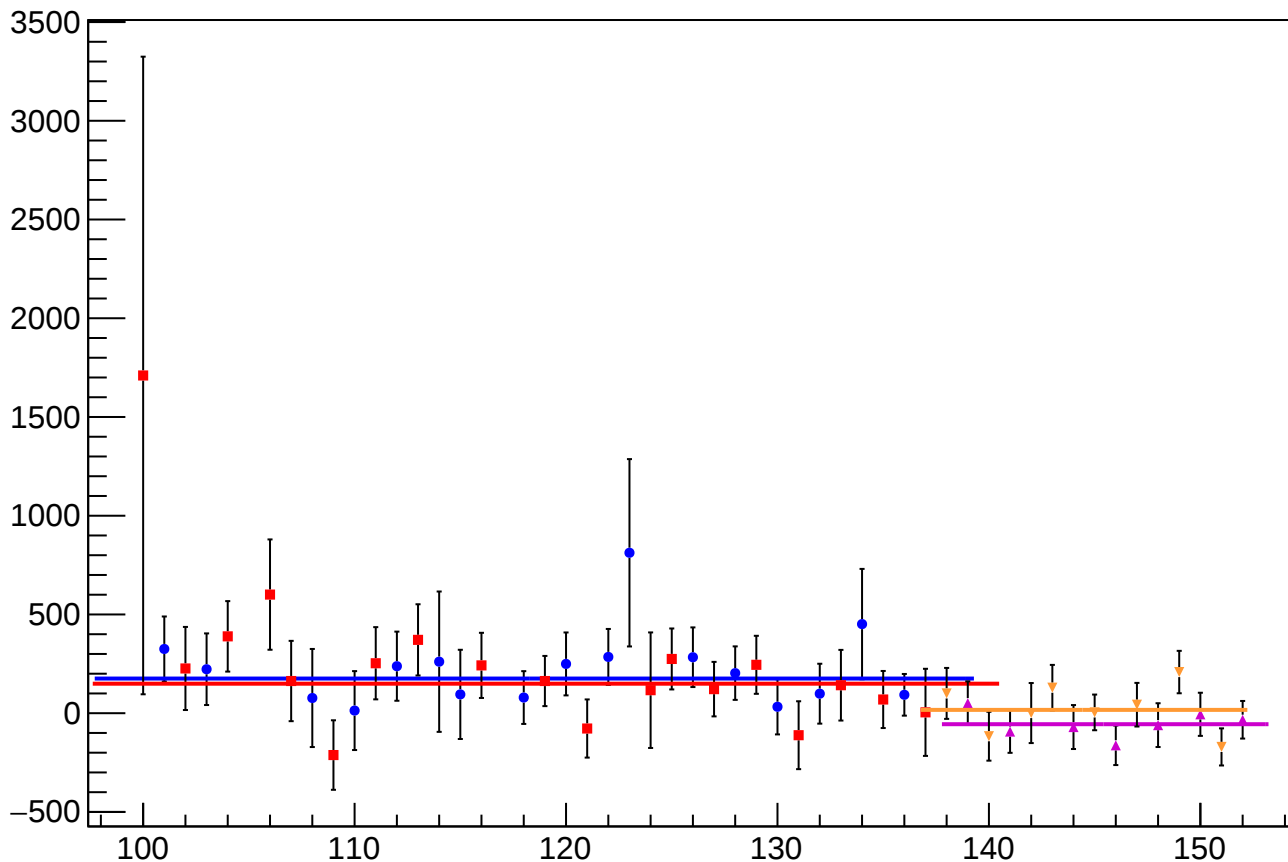
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 382.905 $\pm$ 0.080 χ^2 /NDF: 2051628.9/23

Out: 383.879 $\pm$ 0.079 χ^2 /NDF: 2233782.5/26

All: 383.400 $\pm$ 0.056 χ^2 /NDF: 4285486.1/50

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: 16.783 ± 39.278 χ^2/NDF : 9.8/7

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -55.715 ± 40.027 χ^2/NDF : 2.5/6

Left: -18.782 ± 28.035 χ^2/NDF : 13.9/14

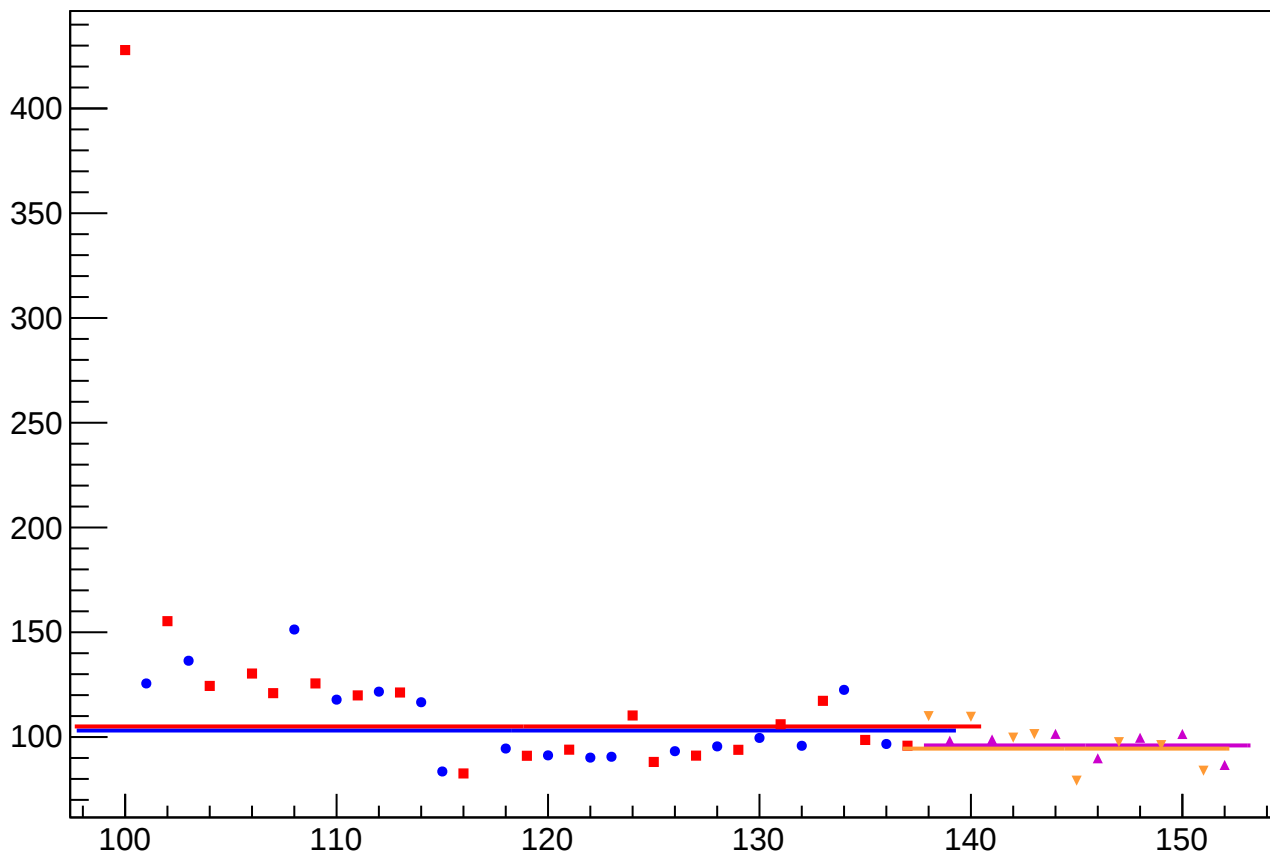
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 58.922 ± 28.420 χ^2/NDF : 27.6/23

Out: 81.366 ± 28.135 χ^2/NDF : 33.8/26

All: 70.257 ± 19.994 χ^2/NDF : 61.7/50

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: 94.466 $\pm$ 0.028 χ^2 /NDF:153145.0/7

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 95.982 $\pm$ 0.028 χ^2 /NDF:40993.2/6

Left: 95.210 $\pm$ 0.020 χ^2 /NDF: 195598.4/14

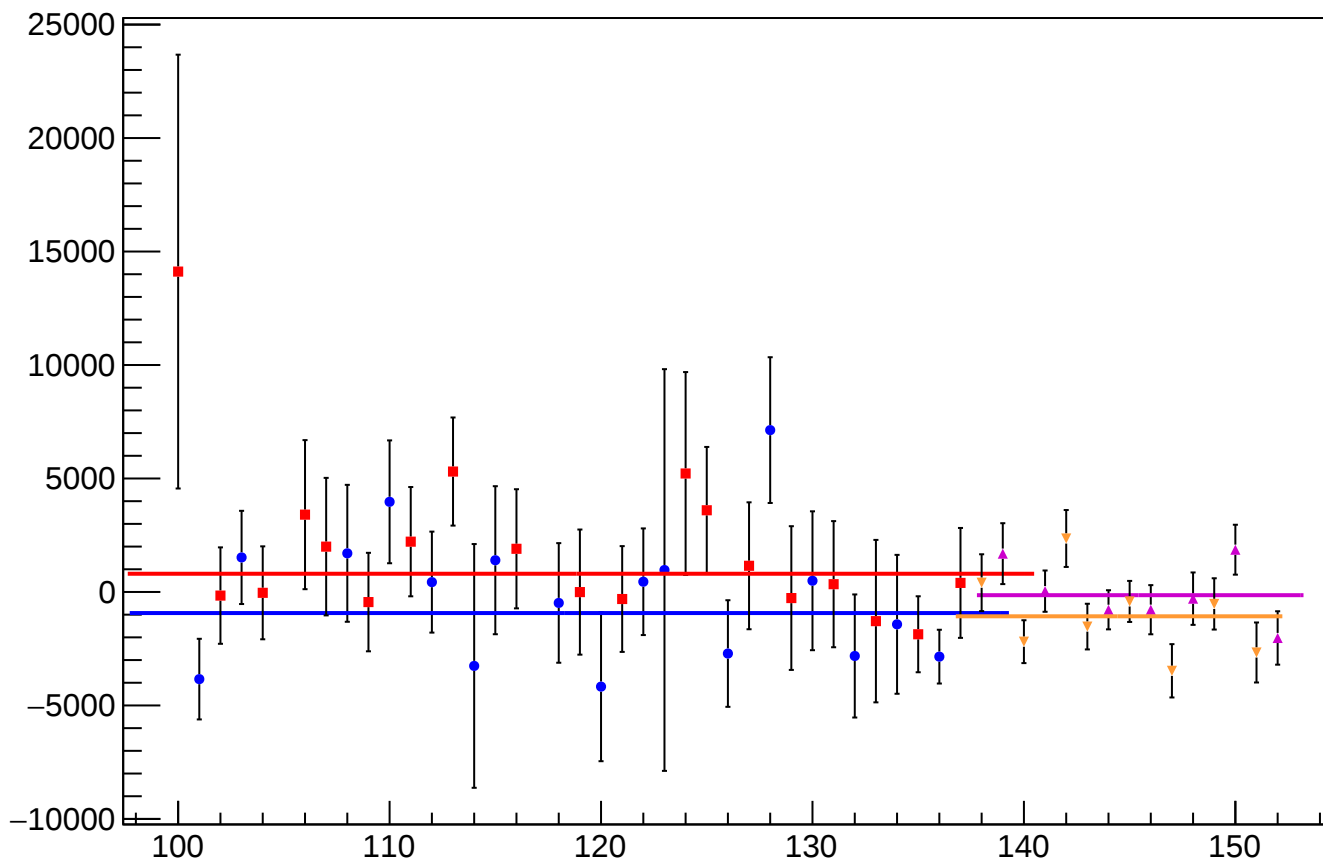
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 99.517 $\pm$ 0.020 χ^2 /NDF:378905.1/23

Out: 99.618 $\pm$ 0.020 χ^2 /NDF:672490.6/26

All: 99.568 $\pm$ 0.014 χ^2 /NDF: 1051408.2/50

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: -1072.214+/-386.735 χ^2/NDF :16.9/7

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -141.539+/-399.580 χ^2/NDF :8.7/6

Left: -622.075+/-277.893 χ^2/NDF : 28.4/14

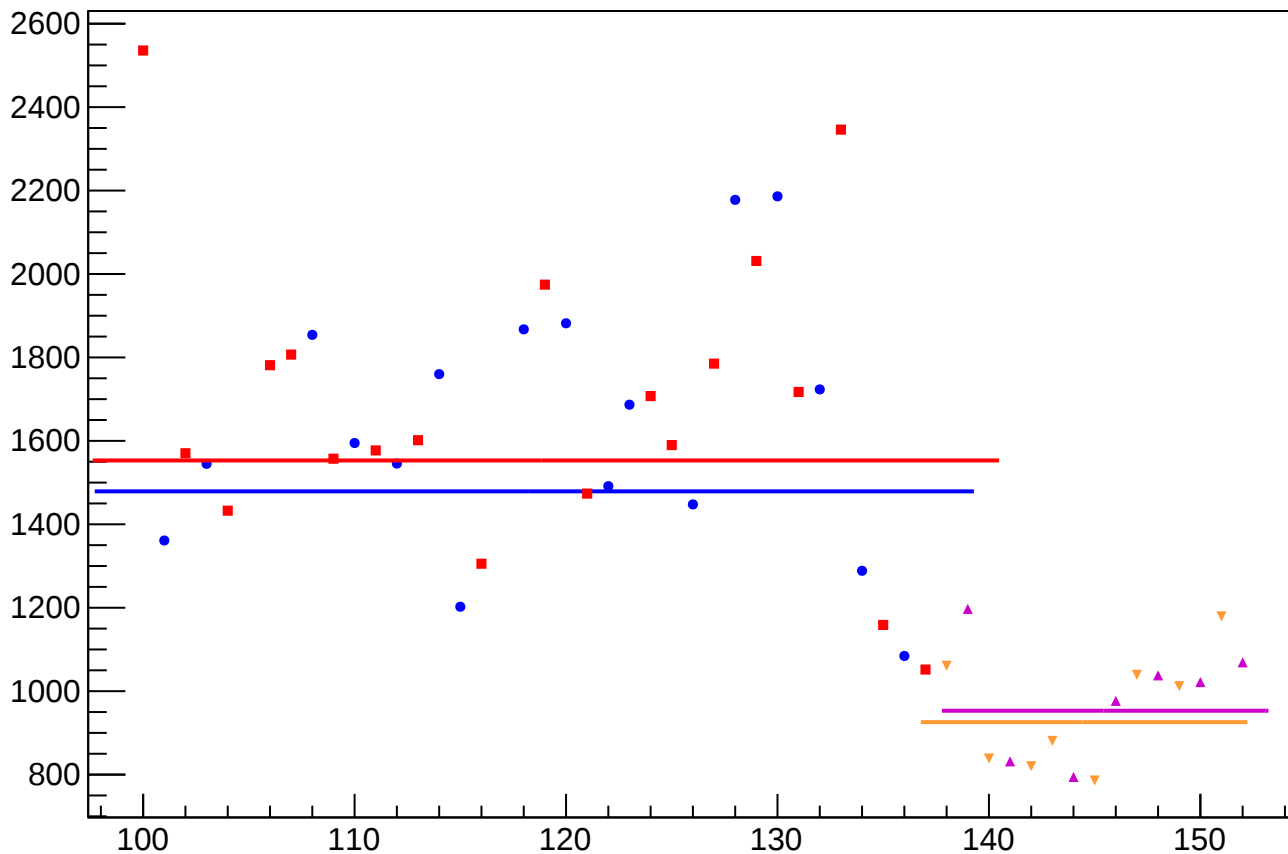
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -390.883+/-330.307 χ^2/NDF :30.8/23

Out: -513.757+/-324.066 χ^2/NDF :36.8/26

All: -453.492+/-231.324 χ^2/NDF : 67.6/50

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: 925.777+/-0.273 χ^2/NDF : 210195.4/7

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 953.108+/-0.283 χ^2/NDF : 208637.4/6

Left: 938.996+/-0.197 χ^2/NDF : 423664.0/14

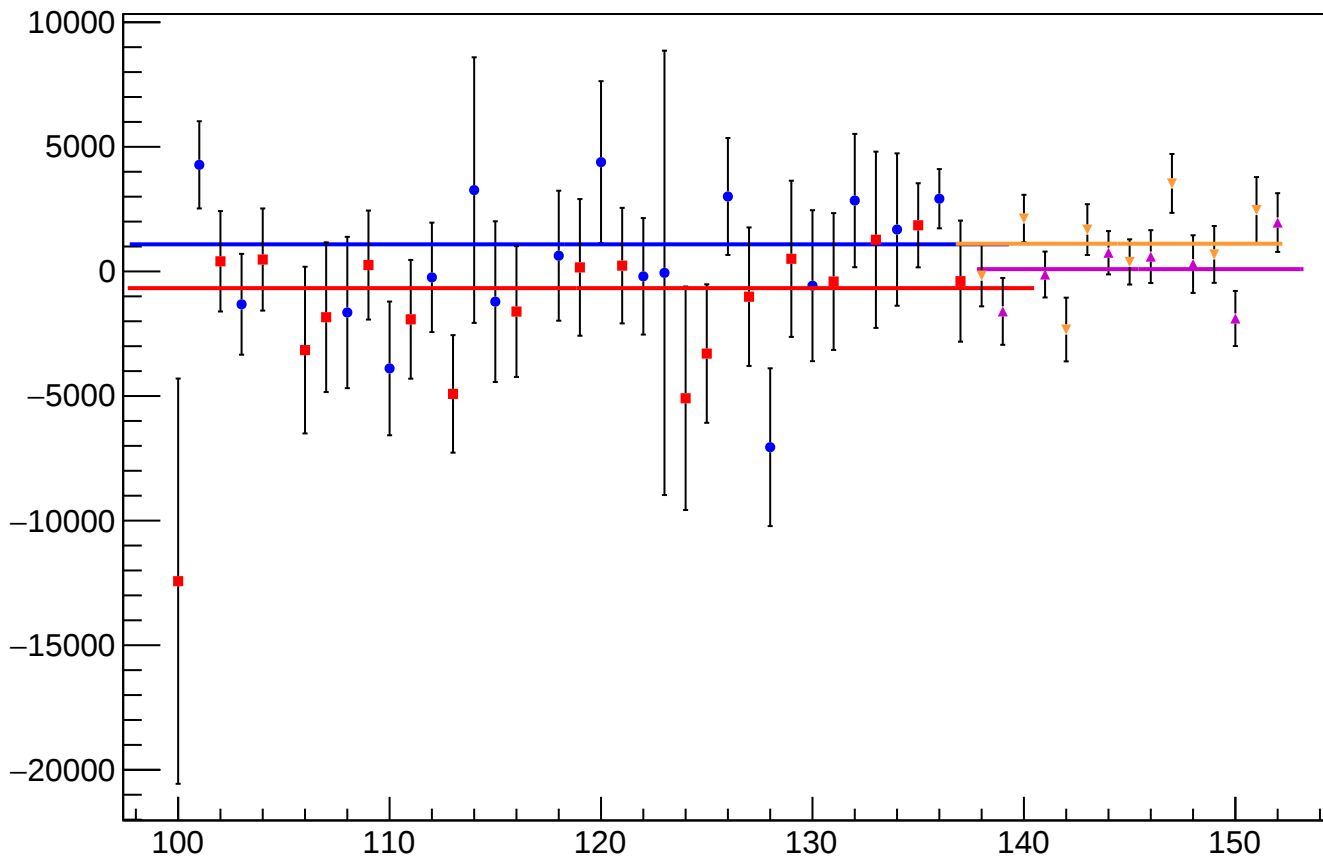
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1119.640+/-0.234 χ^2/NDF : 1895265.6/23

Out: 1112.607+/-0.229 χ^2/NDF : 2261170.1/26

All: 1116.056+/-0.164 χ^2/NDF : 4156897.7/50

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1111.937 $\pm$ 388.981 χ^2 /NDF:15.8/7

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 92.370 $\pm$ 400.442 χ^2 /NDF:8.2/6

Left: 616.953 $\pm$ 279.015 χ^2 /NDF: 27.3/14

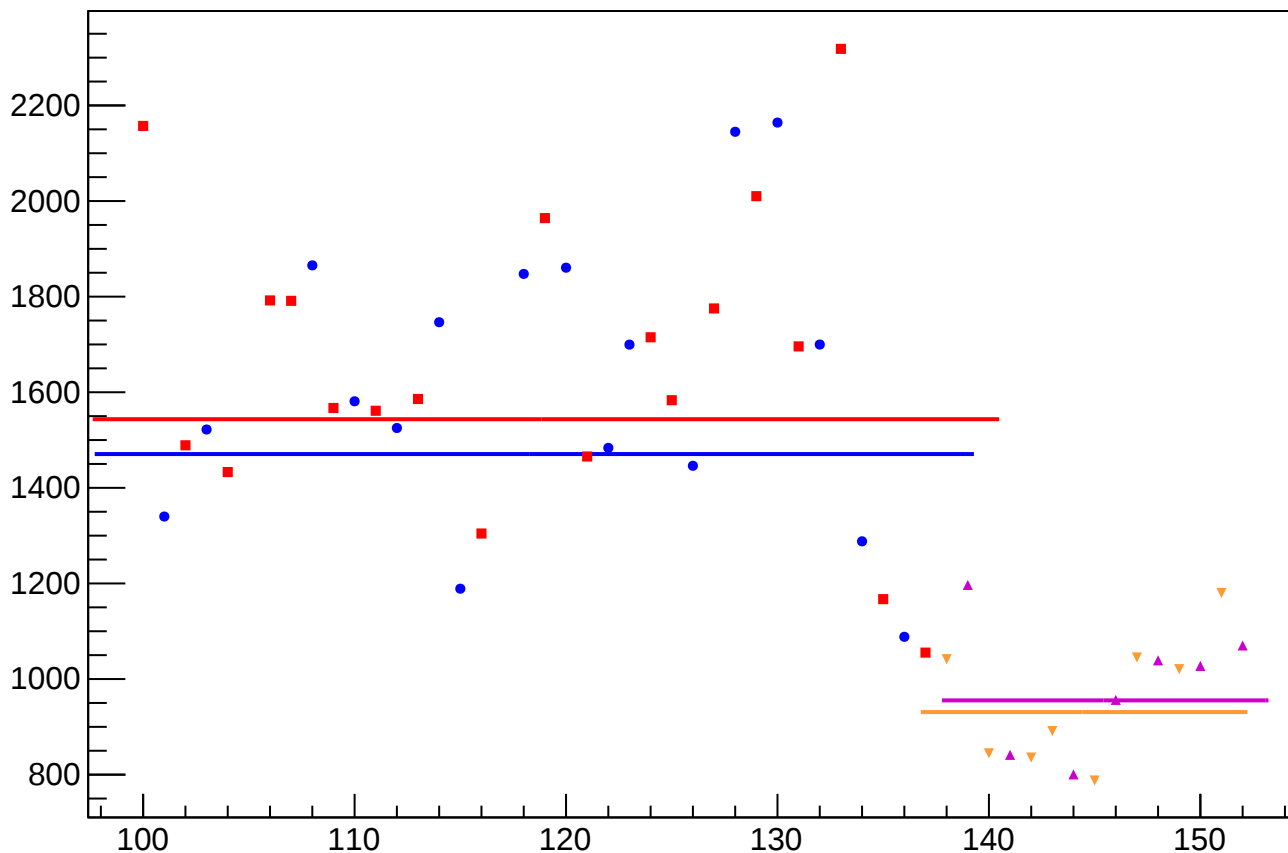
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 411.274 $\pm$ 330.138 χ^2 /NDF:32.0/23

Out: 571.995 $\pm$ 324.751 χ^2 /NDF:34.2/26

All: 492.956 $\pm$ 231.515 χ^2 /NDF: 66.3/50

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: 930.945 $\pm$ 0.275 χ^2/NDF :198392.2/7

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 955.375 $\pm$ 0.283 χ^2/NDF :197037.5/6

Left: 942.805 $\pm$ 0.197 χ^2/NDF : 399259.7/14

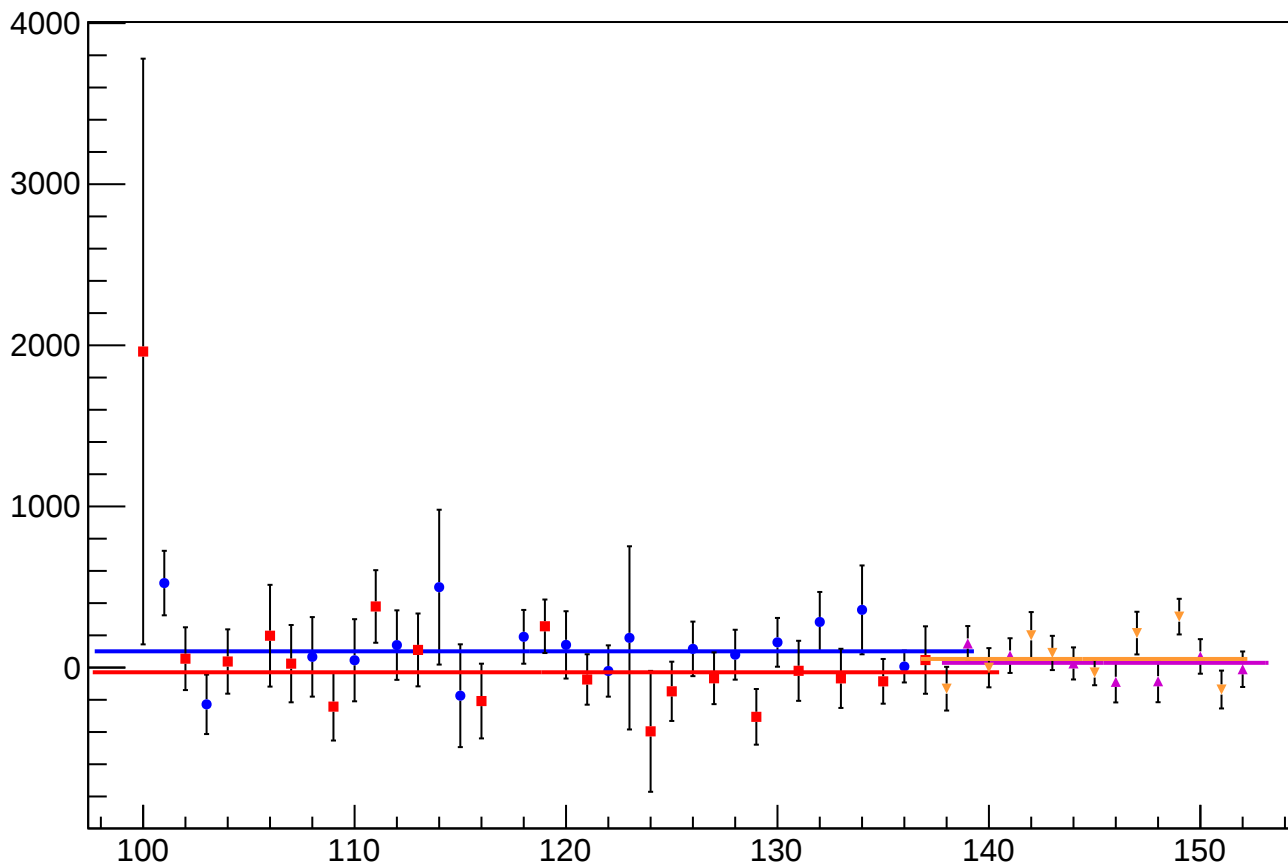
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1120.432 $\pm$ 0.233 χ^2/NDF :1825611.4/23

Out: 1116.563 $\pm$ 0.230 χ^2/NDF :2155793.2/26

All: 1118.466 $\pm$ 0.164 χ^2/NDF : 3981544.2/50

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: 53.509 $\pm$ 39.826 χ^2 /NDF:14.1/7

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 29.372 $\pm$ 42.177 χ^2 /NDF:3.3/6

Left: 42.132 $\pm$ 28.957 χ^2 /NDF: 17.5/14

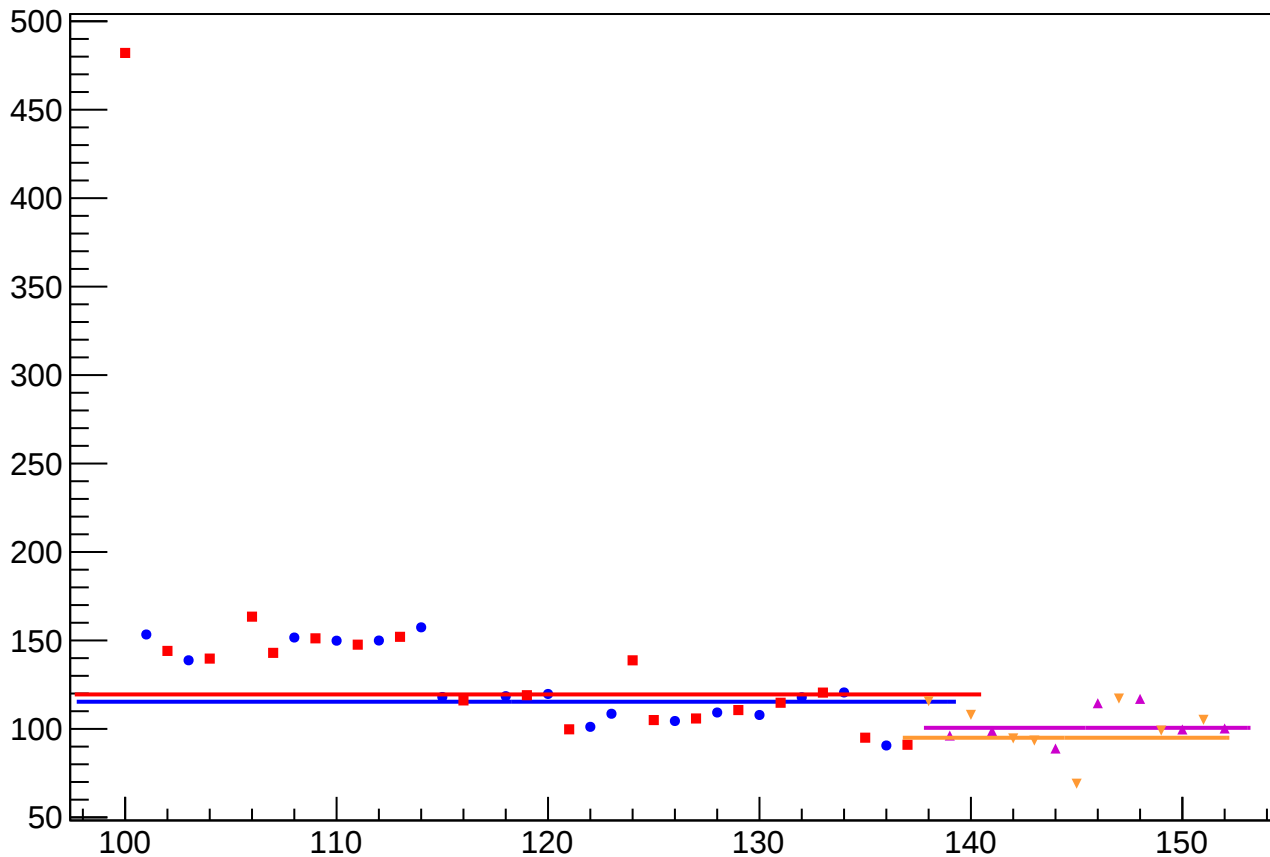
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 62.607 $\pm$ 30.864 χ^2 /NDF:17.7/23

Out: 17.825 $\pm$ 30.023 χ^2 /NDF:30.6/26

All: 39.598 $\pm$ 21.521 χ^2 /NDF: 49.4/50

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.003 $\pm$ 0.028 χ^2 /NDF:359778.6/7

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 100.613 $\pm$ 0.030 χ^2 /NDF:86913.1/6

Left: 97.647 $\pm$ 0.020 χ^2 /NDF: 465399.9/14

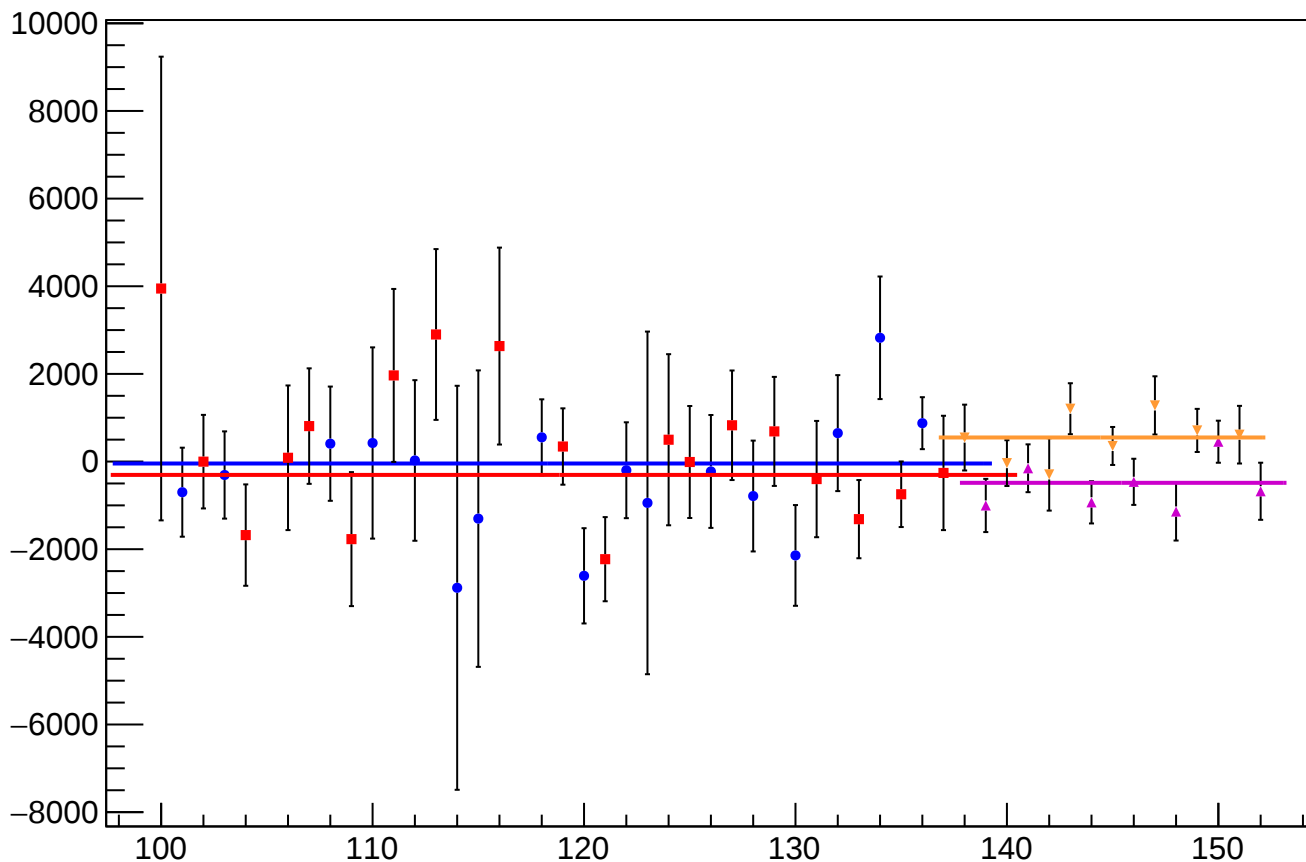
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 107.466 $\pm$ 0.022 χ^2 /NDF:611950.2/23

Out: 105.575 $\pm$ 0.021 χ^2 /NDF:1164196.2/26

All: 106.494 $\pm$ 0.015 χ^2 /NDF: 1780007.1/50

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 549.277 ± 204.578 χ^2/NDF : 5.1/7

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -485.457 ± 208.650 χ^2/NDF : 6.8/6

Left: 42.103 ± 146.077 χ^2/NDF : 24.5/14

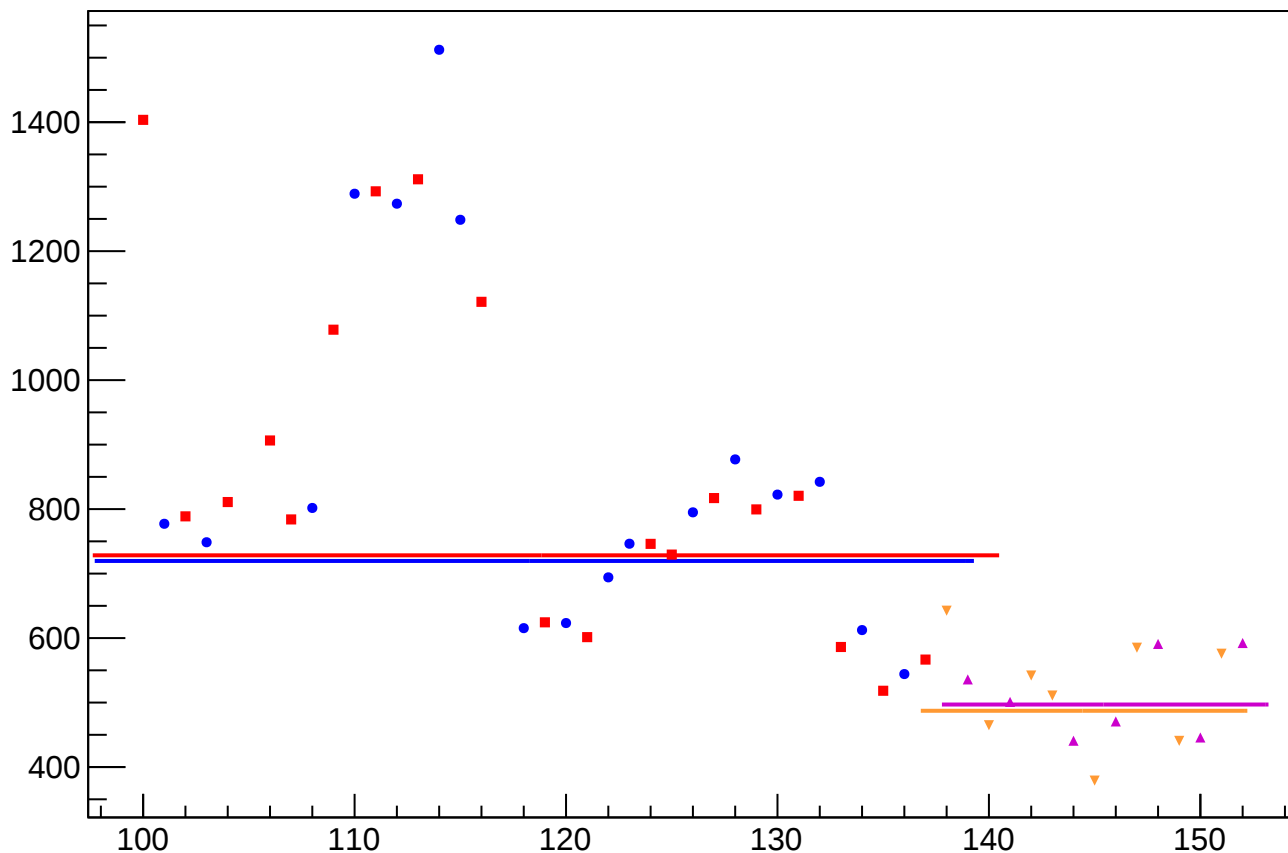
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -332.504 ± 168.618 χ^2/NDF : 26.3/23

Out: 255.747 ± 165.736 χ^2/NDF : 28.5/26

All: -33.308 ± 118.199 χ^2/NDF : 61.0/50

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: 487.273 $\pm$ 0.145 χ^2 /NDF:323599.5/7

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 496.969 $\pm$ 0.148 χ^2 /NDF:146290.9/6

Left: 492.025 $\pm$ 0.103 χ^2 /NDF: 472092.6/14

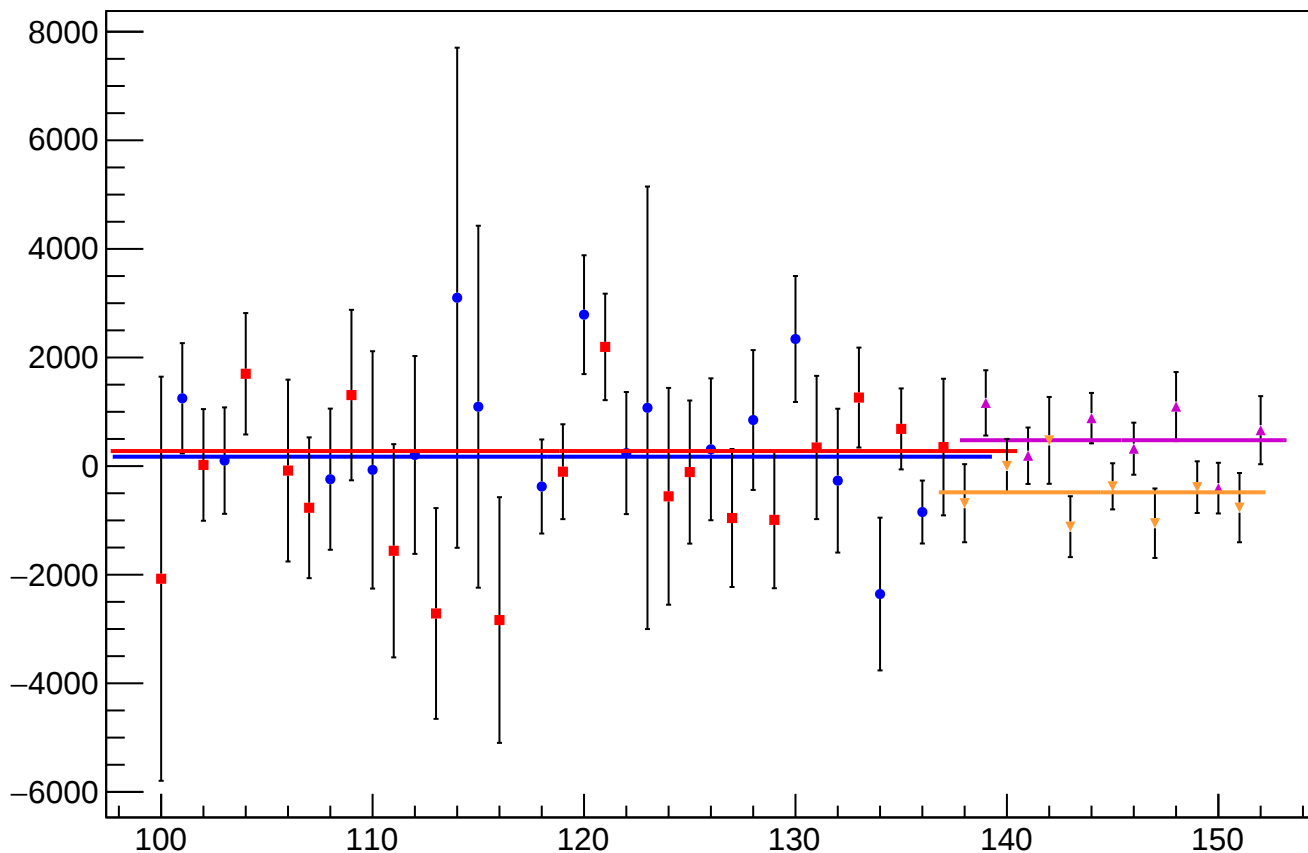
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 574.204 $\pm$ 0.119 χ^2 /NDF:1683195.2/23

Out: 570.120 $\pm$ 0.117 χ^2 /NDF:2191622.7/26

All: 572.127 $\pm$ 0.084 χ^2 /NDF: 3875414.4/50

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: -482.684 $\pm$ 197.746 χ^2 /NDF:4.8/7

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 476.950 $\pm$ 199.731 χ^2 /NDF:7.1/6

Left: -7.658 $\pm$ 140.524 χ^2 /NDF: 23.6/14

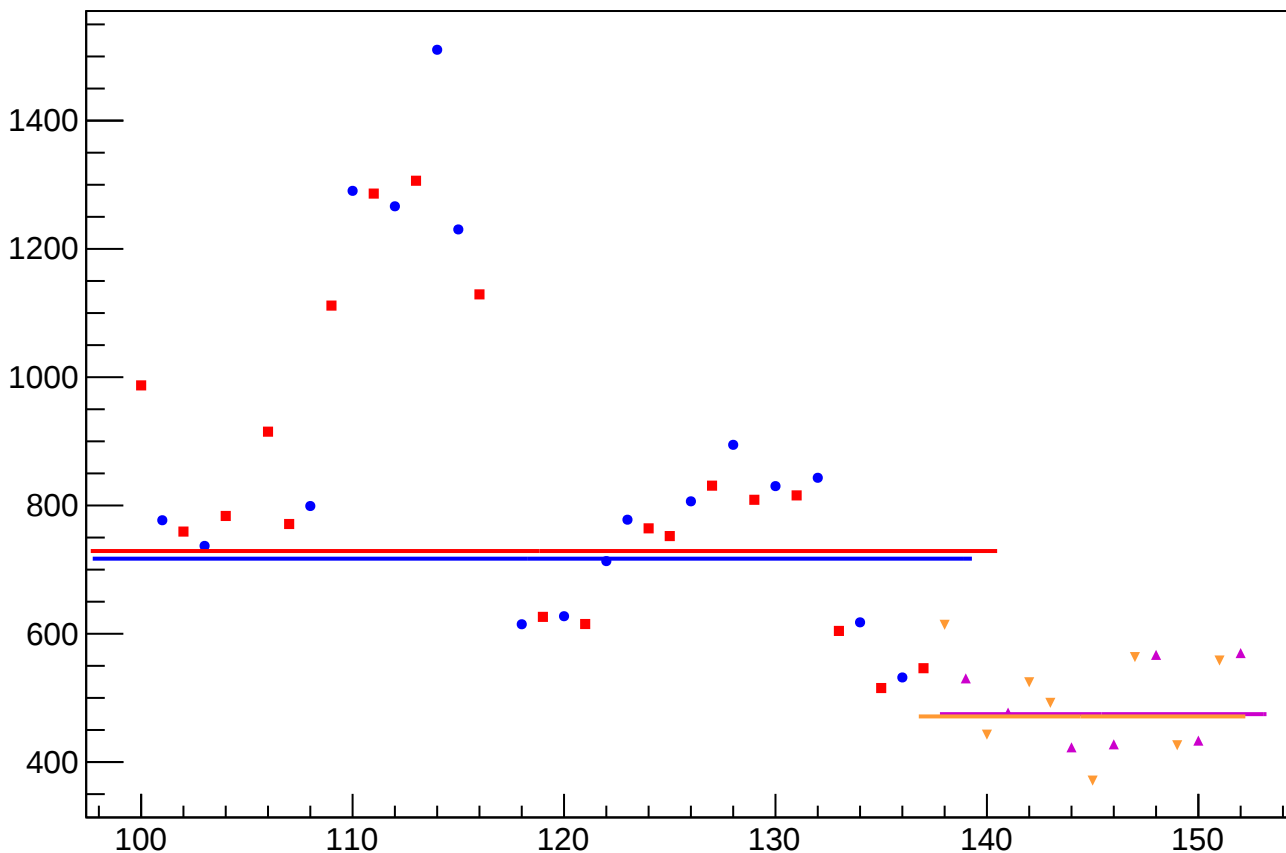
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 377.214 $\pm$ 163.690 χ^2 /NDF:26.0/23

Out: -233.082 $\pm$ 162.044 χ^2 /NDF:25.7/26

All: 68.981 $\pm$ 115.160 χ^2 /NDF: 58.7/50

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: 471.121 $\pm$ 0.140 χ^2/NDF : 305090.2/7

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 474.689 $\pm$ 0.141 χ^2/NDF : 165344.0/6

Left: 472.887 $\pm$ 0.099 χ^2/NDF : 470756.7/14

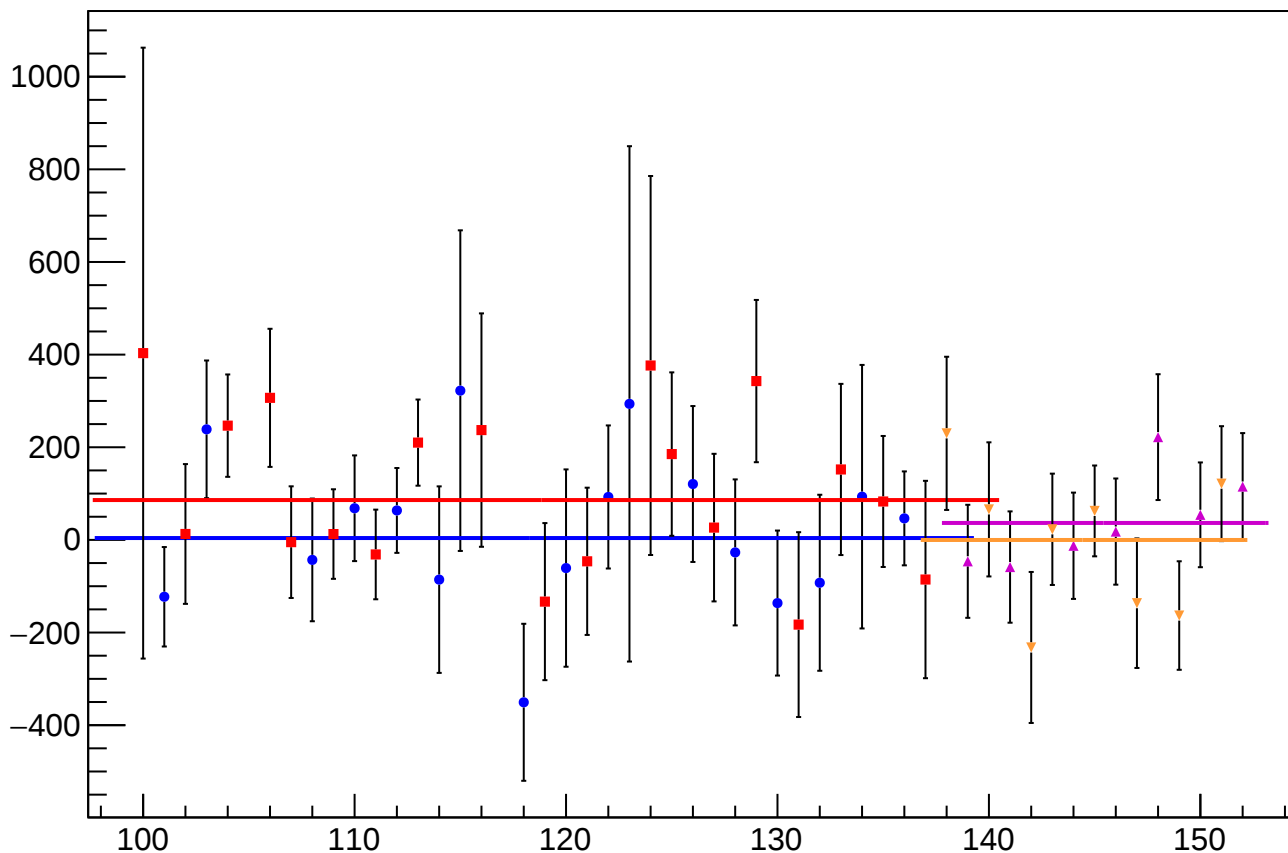
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 554.274 $\pm$ 0.116 χ^2/NDF : 1914937.3/23

Out: 555.830 $\pm$ 0.115 χ^2/NDF : 2313046.8/26

All: 555.060 $\pm$ 0.081 χ^2/NDF : 4228075.3/50

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: -0.170 ± 45.447 $\chi^2/\text{NDF}: 8.5/7$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 36.583 ± 44.905 $\chi^2/\text{NDF}: 3.6/6$

Left: 18.427 ± 31.942 $\chi^2/\text{NDF}: 12.4/14$

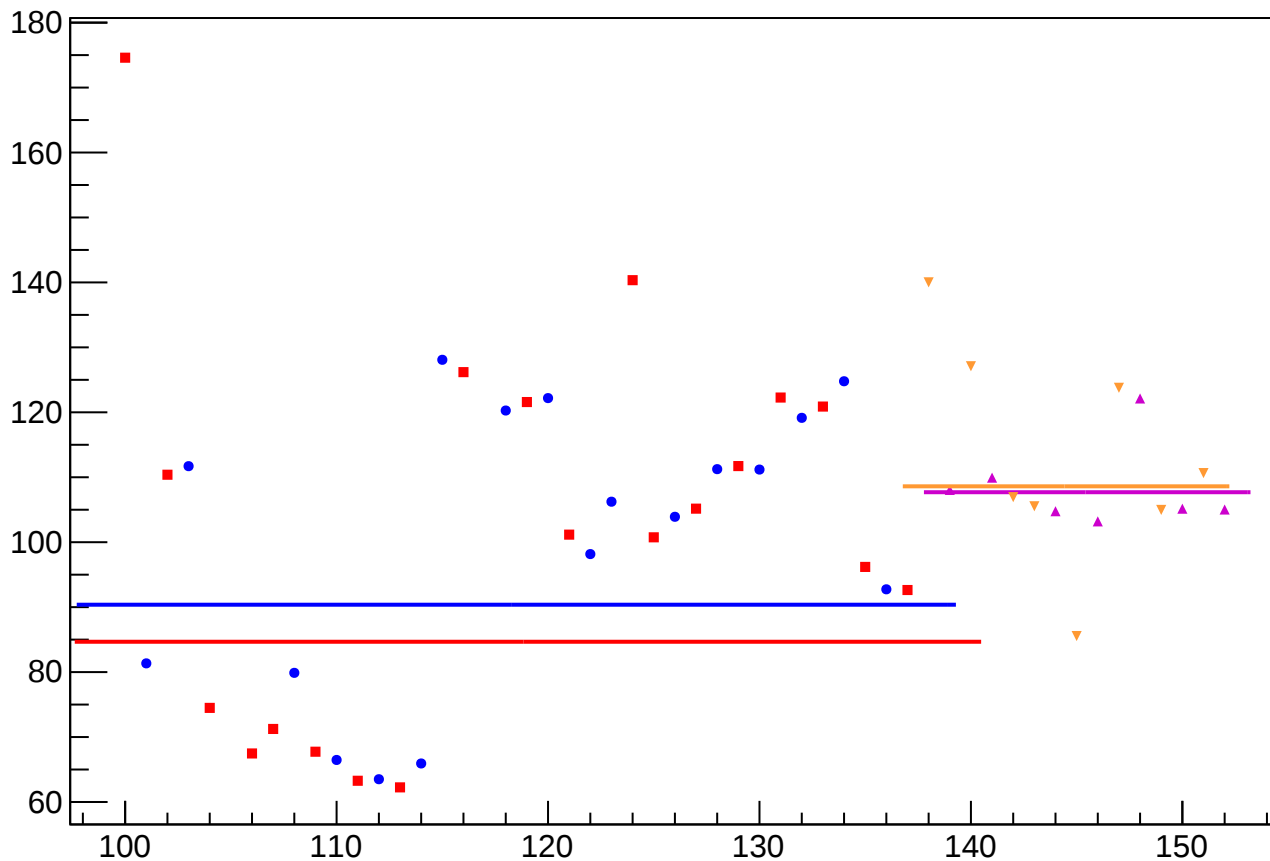
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 16.733 ± 28.064 $\chi^2/\text{NDF}: 16.7/23$

Out: 55.829 ± 26.898 $\chi^2/\text{NDF}: 28.4/26$

All: 37.110 ± 19.419 $\chi^2/\text{NDF}: 46.1/50$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.604+/-0.032 χ^2/NDF : 242873.2/7

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 107.696+/-0.032 χ^2/NDF : 29745.1/6

Left: 108.145+/-0.023 χ^2/NDF : 273021.5/14

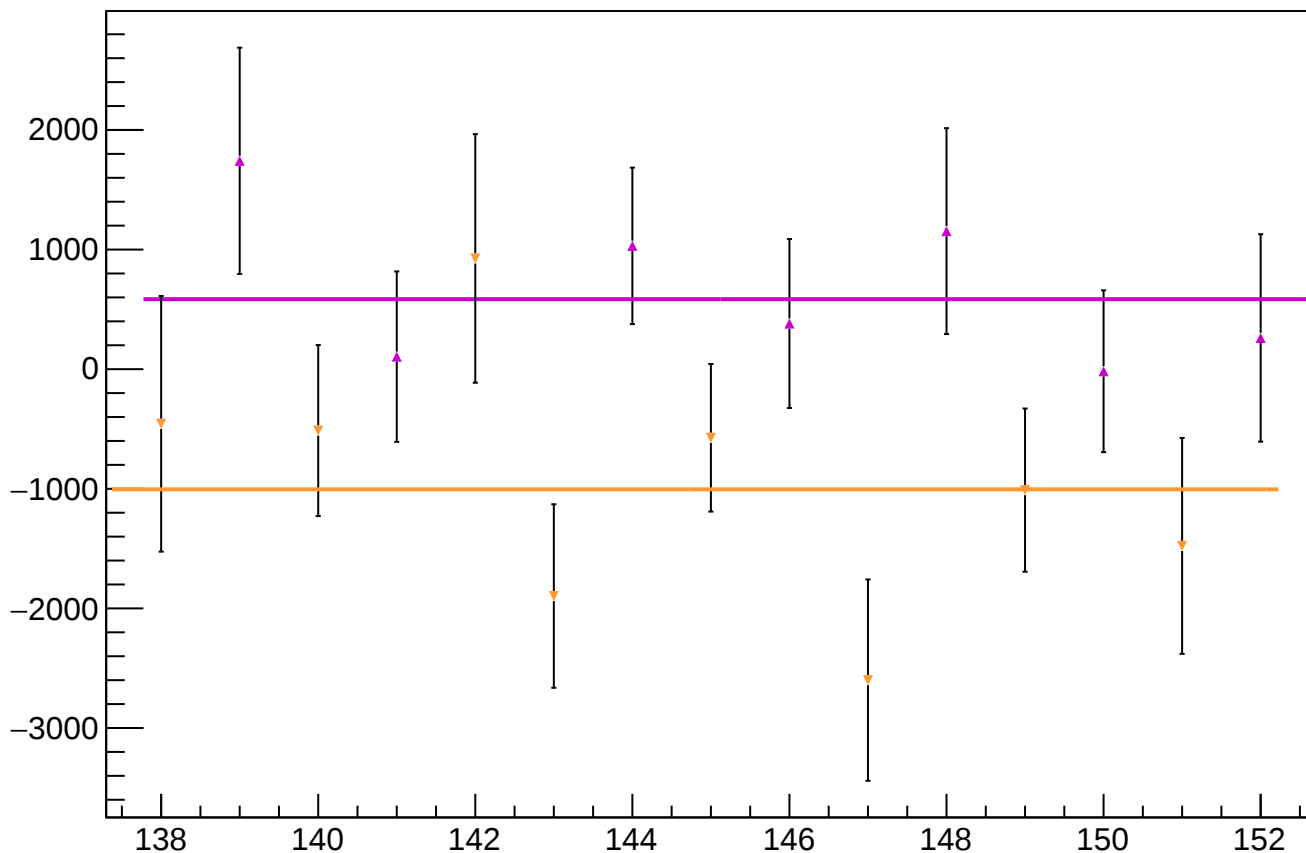
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 97.141+/-0.020 χ^2/NDF : 865234.7/23

Out: 93.055+/-0.019 χ^2/NDF : 1511288.1/26

All: 95.011+/-0.014 χ^2/NDF : 2398612.4/50

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1004.686+/-278.735 χ^2/NDF : 9.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 585.371+/-285.203 χ^2/NDF : 3.9/6

Left: -227.894+/-199.343 χ^2/NDF : 29.7/14

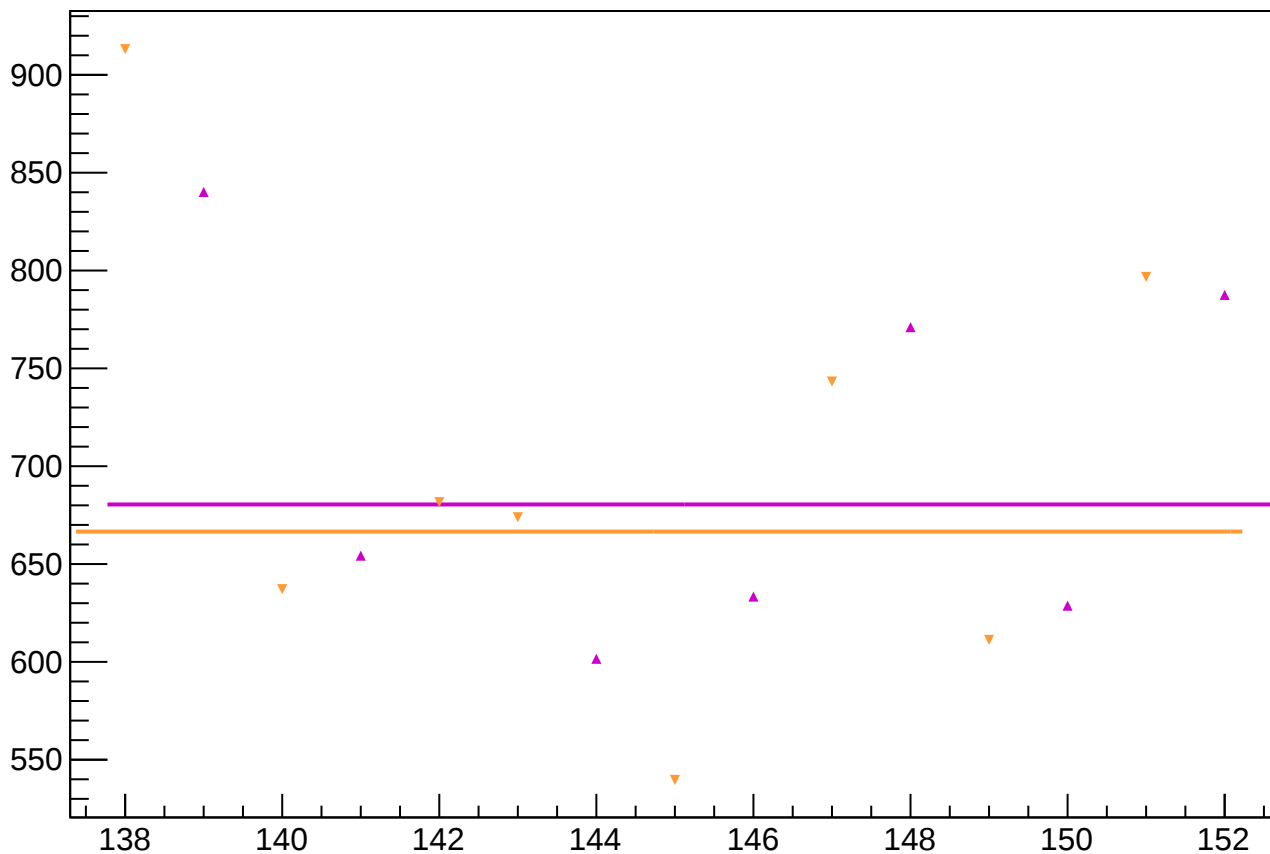
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 585.371+/-285.203 χ^2/NDF : 3.9/6

Out: -1004.686+/-278.735 χ^2/NDF : 9.9/7

All: -227.894+/-199.343 χ^2/NDF : 29.7/14

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 666.604+/-0.197 χ^2/NDF :266400.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Left: 673.368+/-0.141 χ^2/NDF : 430863.7/14

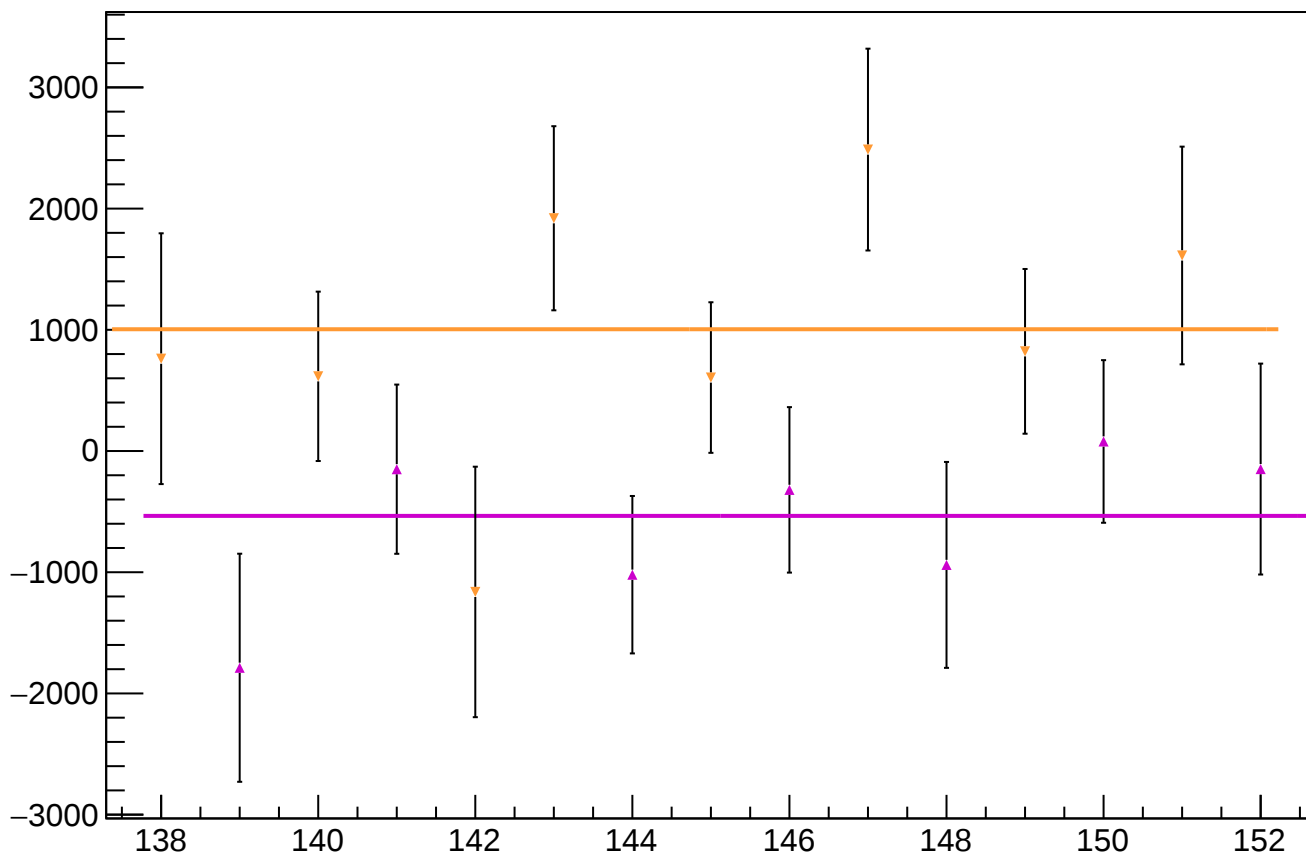
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Out: 666.604+/-0.197 χ^2/NDF :266400.1/7

All: 673.368+/-0.141 χ^2/NDF : 430863.7/14

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1004.678+/-276.359 χ^2/NDF :10.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -535.172+/-281.409 χ^2/NDF :4.0/6

Left: 248.693+/-197.176 χ^2/NDF : 29.6/14

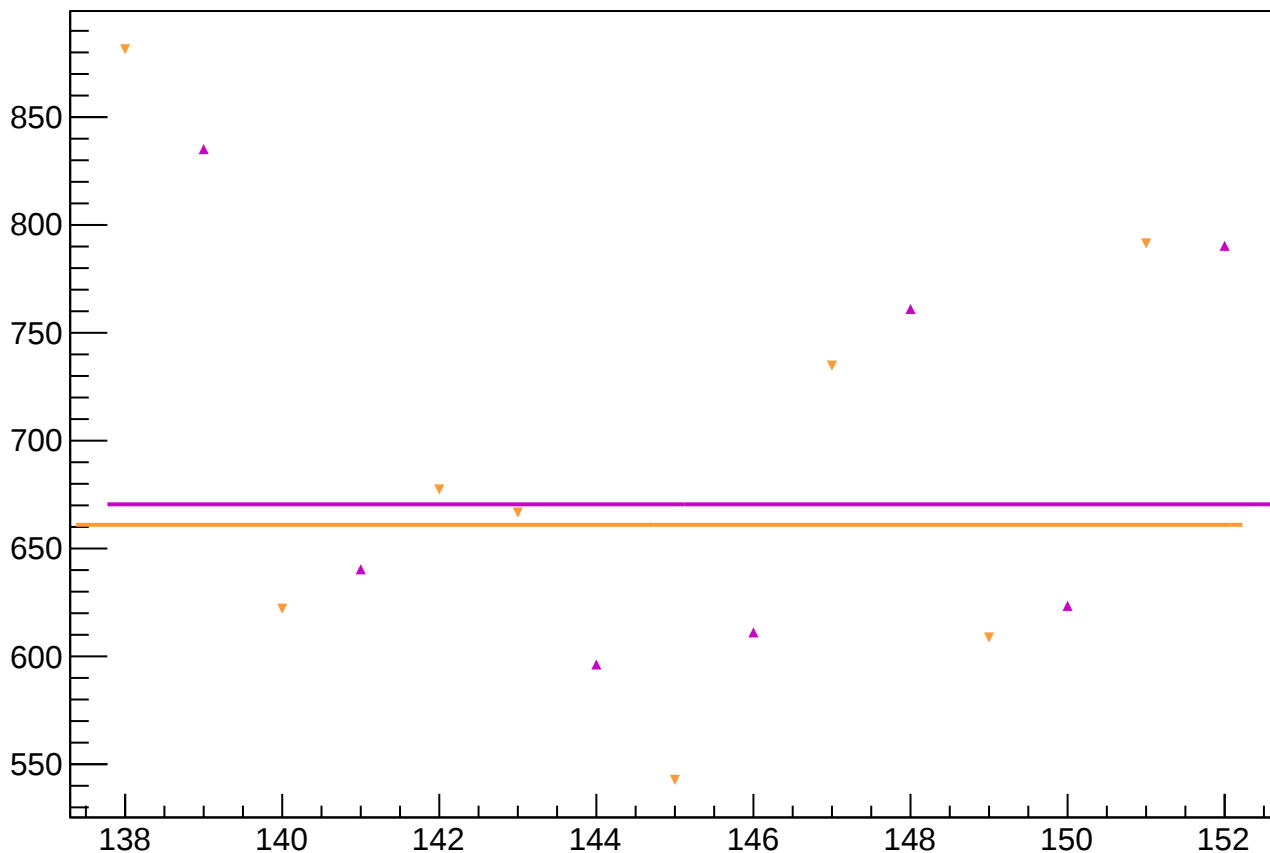
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -535.172+/-281.409 χ^2/NDF :4.0/6

Out: 1004.678+/-276.359 χ^2/NDF :10.3/7

All: 248.693+/-197.176 χ^2/NDF : 29.6/14

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 661.002+/-0.195 χ^2/NDF :239871.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Left: 665.663+/-0.139 χ^2/NDF : 417822.0/14

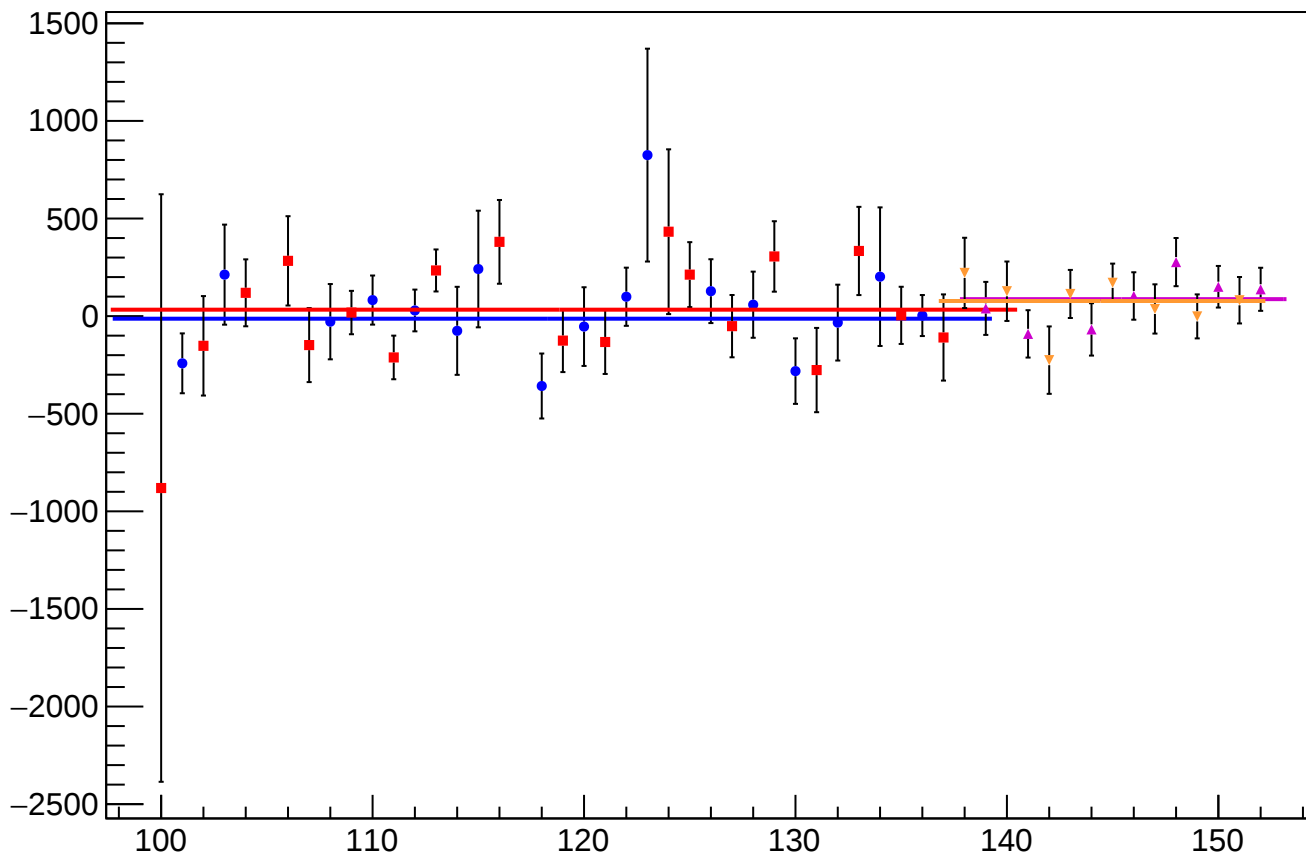
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Out: 661.002+/-0.195 χ^2/NDF :239871.9/7

All: 665.663+/-0.139 χ^2/NDF : 417822.0/14

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215+/-40.554 χ^2/NDF : 15.7/16

Left Out: 77.462+/-45.208 χ^2/NDF : 5.4/7

Right Out: 33.027+/-38.878 χ^2/NDF : 25.1/18

Left In: 87.008+/-45.580 χ^2/NDF : 6.6/6

Left: 82.196+/-32.098 χ^2/NDF : 12.0/14

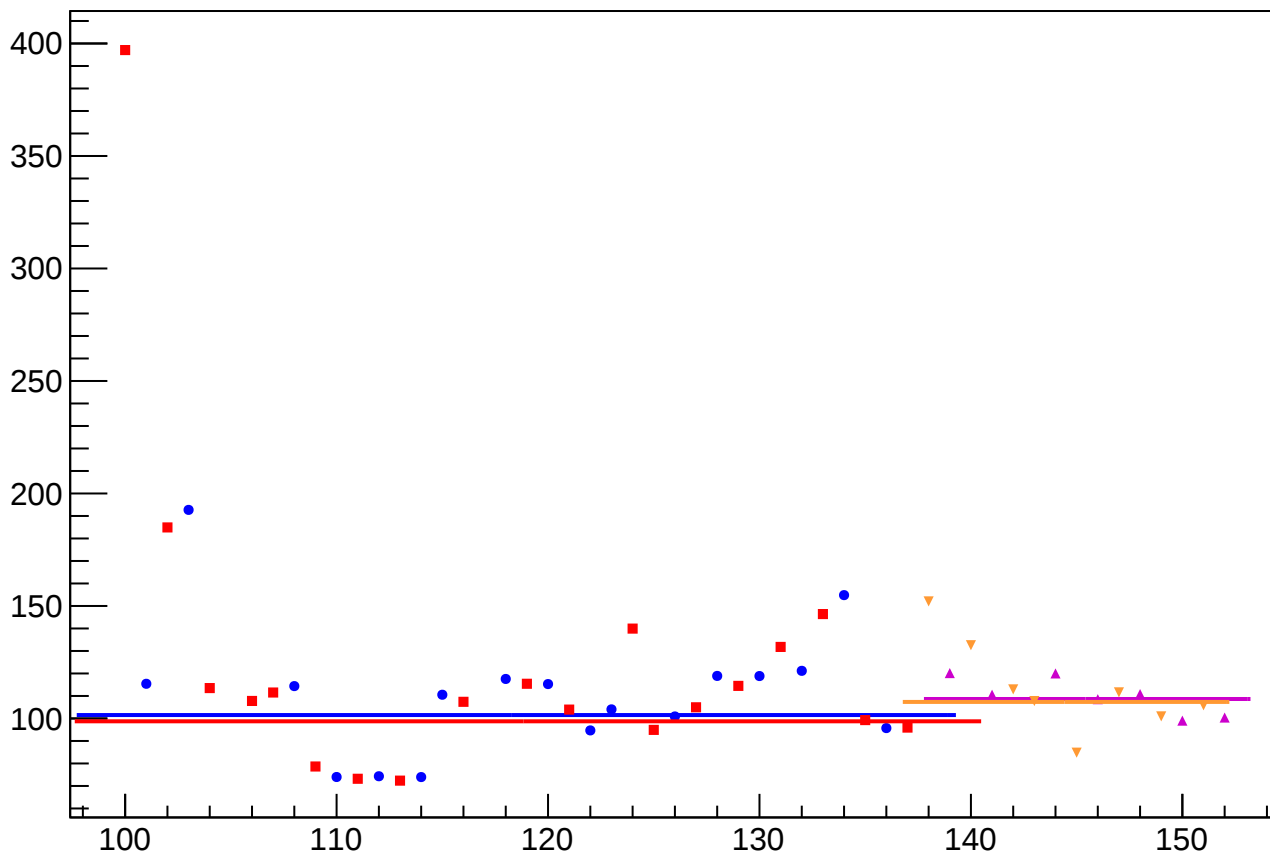
Right: 10.881+/-28.065 χ^2/NDF : 41.4/35

In: 31.068+/-30.298 χ^2/NDF : 24.9/23

Out: 51.918+/-29.477 χ^2/NDF : 31.0/26

All: 41.779+/-21.128 χ^2/NDF : 56.2/50

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: 107.353 $\pm$ 0.032 χ^2 /NDF: 294598.4/7

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 108.654 $\pm$ 0.032 χ^2 /NDF: 57311.4/6

Left: 107.999 $\pm$ 0.023 χ^2 /NDF: 352731.3/14

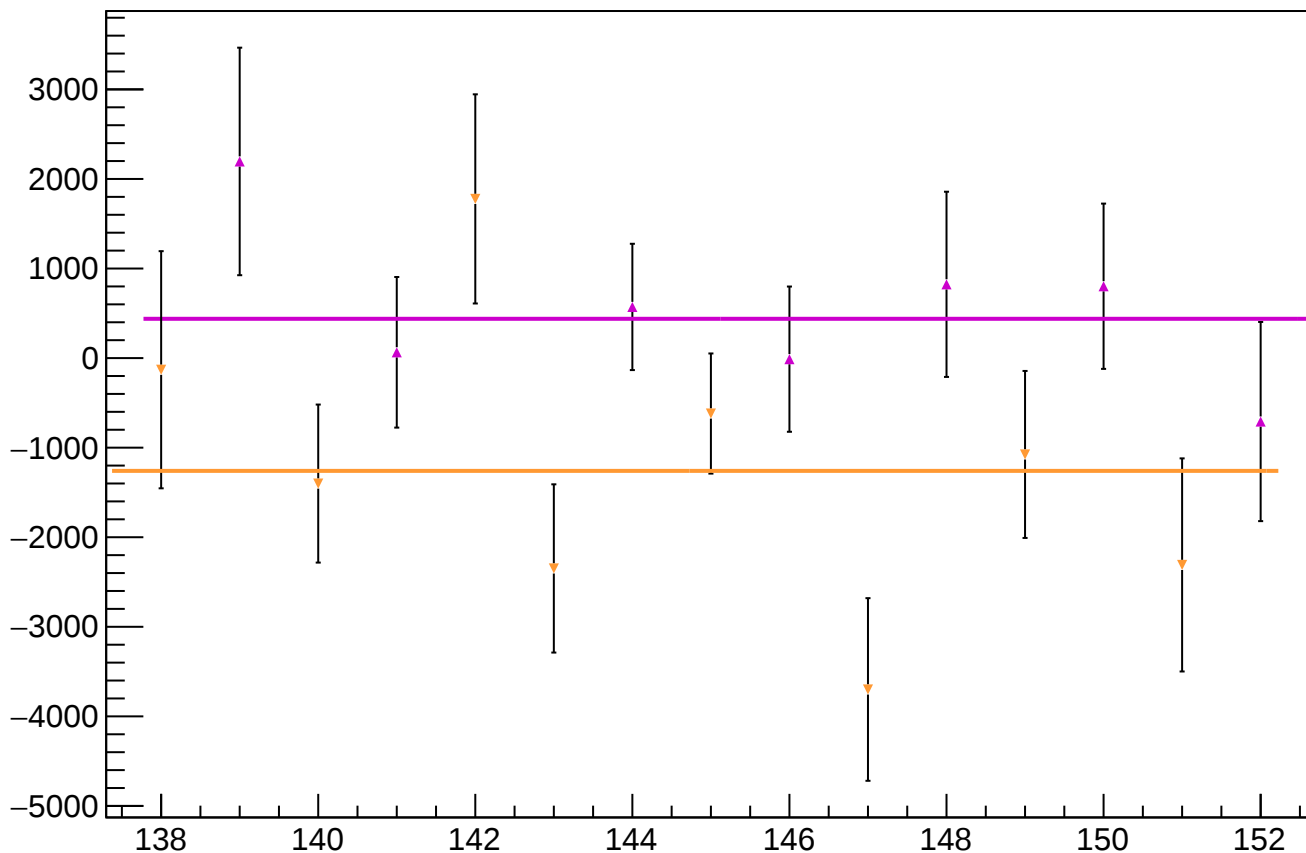
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.672 $\pm$ 0.021 χ^2 /NDF: 766381.4/23

Out: 102.399 $\pm$ 0.021 χ^2 /NDF: 1162005.3/26

All: 103.504 $\pm$ 0.015 χ^2 /NDF: 1934165.9/50

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1259.213+/-337.759 χ^2/NDF :16.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.706+/-343.265 χ^2/NDF :3.8/6

Left: -423.981+/-240.754 χ^2/NDF : 32.6/14

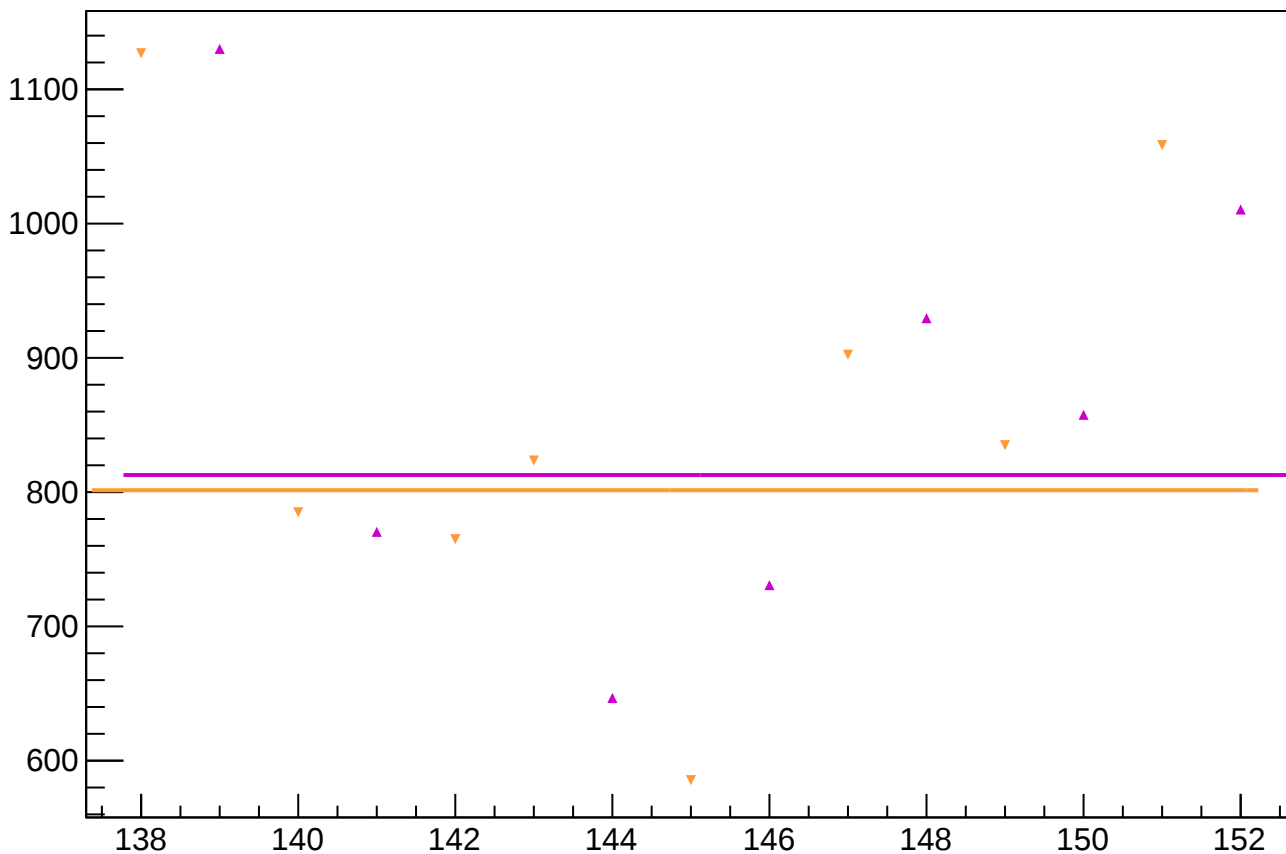
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.706+/-343.265 χ^2/NDF :3.8/6

Out: -1259.213+/-337.759 χ^2/NDF :16.3/7

All: -423.981+/-240.754 χ^2/NDF : 32.6/14

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 801.418+/-0.239 χ^2/NDF : 447505.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 812.756+/-0.243 χ^2/NDF : 354855.1/6

Left: 806.995+/-0.170 χ^2/NDF : 803469.3/14

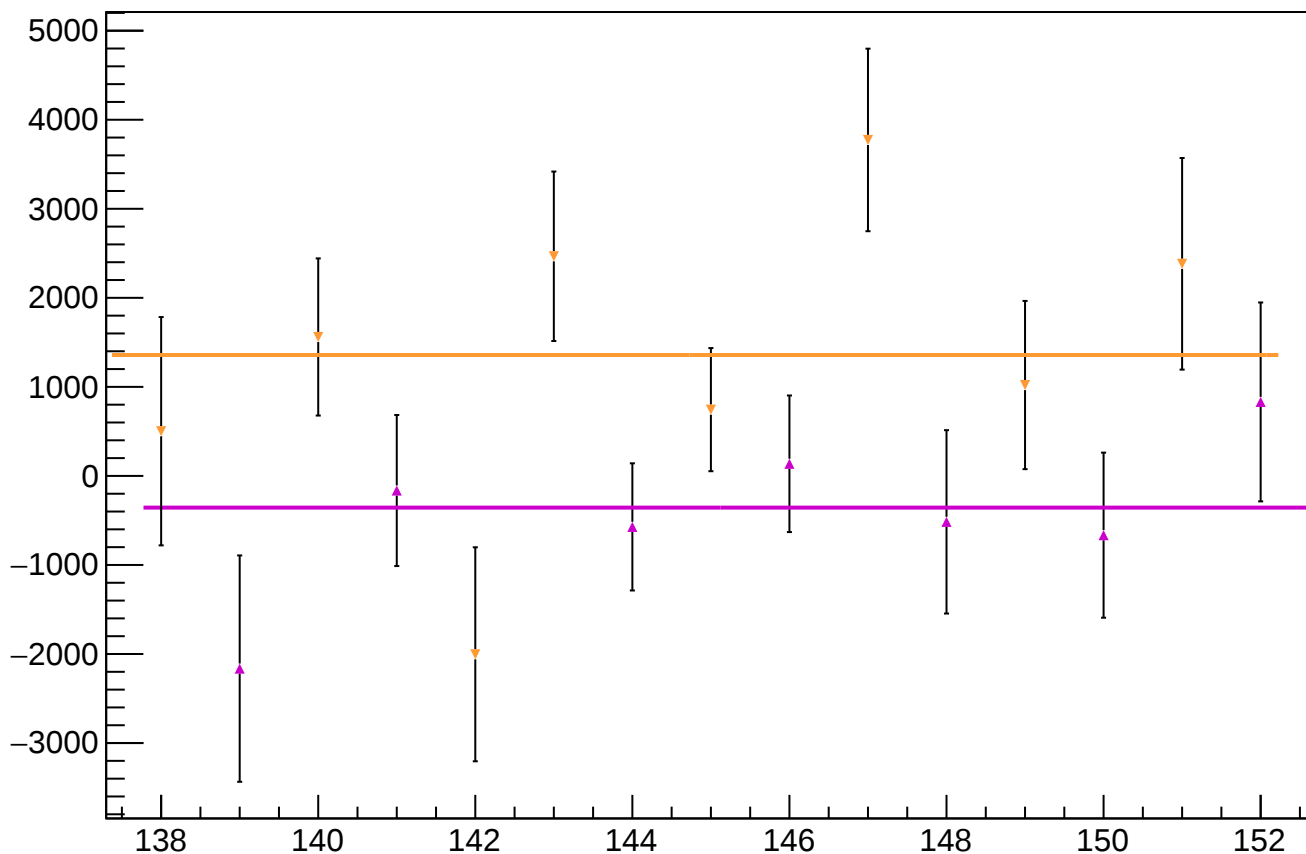
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 812.756+/-0.243 χ^2/NDF : 354855.1/6

Out: 801.418+/-0.239 χ^2/NDF : 447505.6/7

All: 806.995+/-0.170 χ^2/NDF : 803469.3/14

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1357.854+/-341.758 χ^2/NDF :16.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -355.937+/-341.413 χ^2/NDF :3.8/6

Left: 500.091+/-241.537 χ^2/NDF : 33.3/14

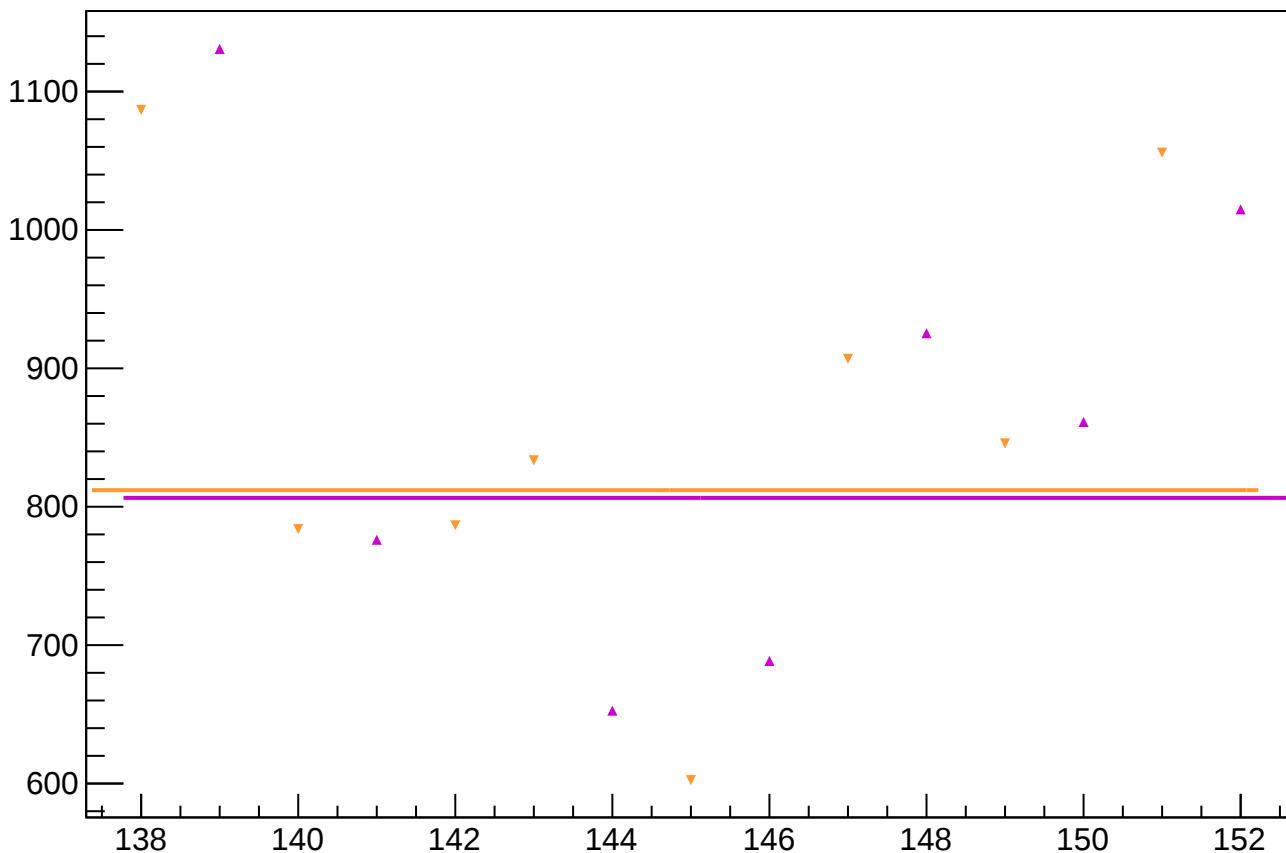
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -355.937+/-341.413 χ^2/NDF :3.8/6

Out: 1357.854+/-341.758 χ^2/NDF :16.9/7

All: 500.091+/-241.537 χ^2/NDF : 33.3/14

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 811.972+/-0.242 χ^2/NDF :383392.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Left: 809.190+/-0.171 χ^2/NDF : 759809.7/14

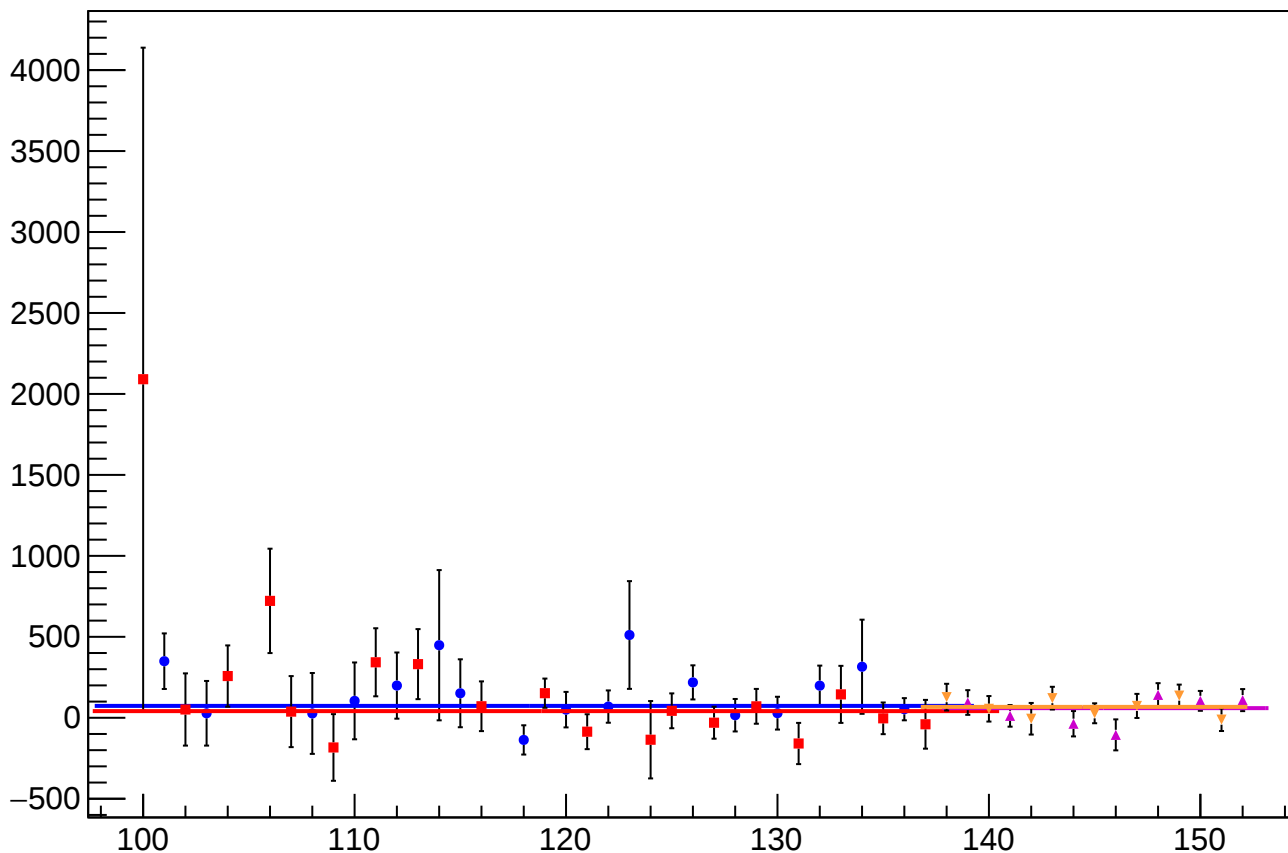
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Out: 811.972+/-0.242 χ^2/NDF :383392.3/7

All: 809.190+/-0.171 χ^2/NDF : 759809.7/14

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 67.325 $\pm$ 26.002 χ^2 /NDF:4.4/7

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 59.555 $\pm$ 27.301 χ^2 /NDF:7.6/6

Left: 63.629 $\pm$ 18.829 χ^2 /NDF: 12.0/14

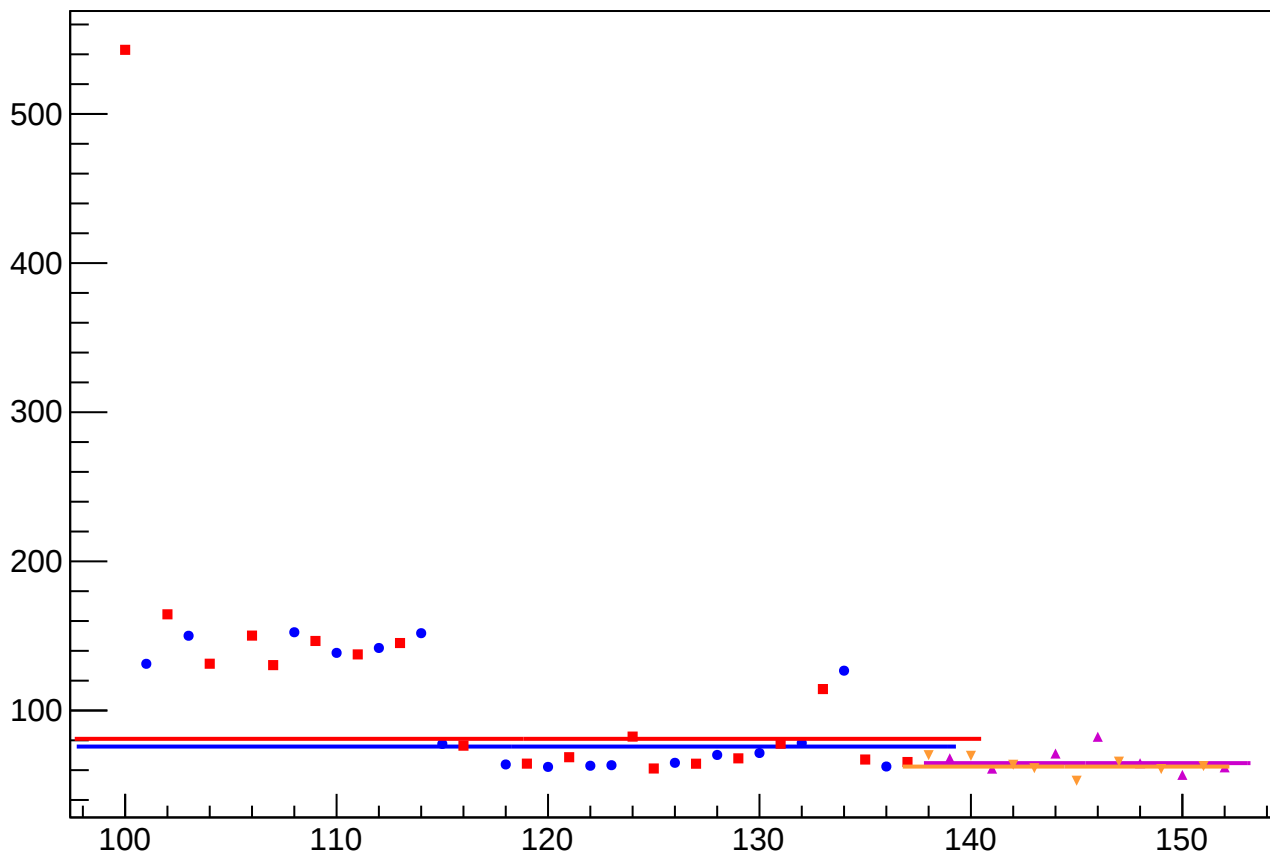
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 65.610 $\pm$ 20.506 χ^2 /NDF:22.9/23

Out: 57.189 $\pm$ 20.362 χ^2 /NDF:24.0/26

All: 61.370 $\pm$ 14.449 χ^2 /NDF: 47.1/50

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: 62.386 $\pm$ 0.018 χ^2 /NDF: 87447.4/7

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 64.707 $\pm$ 0.019 χ^2 /NDF: 127728.5/6

Left: 63.490 $\pm$ 0.013 χ^2 /NDF: 222756.4/14

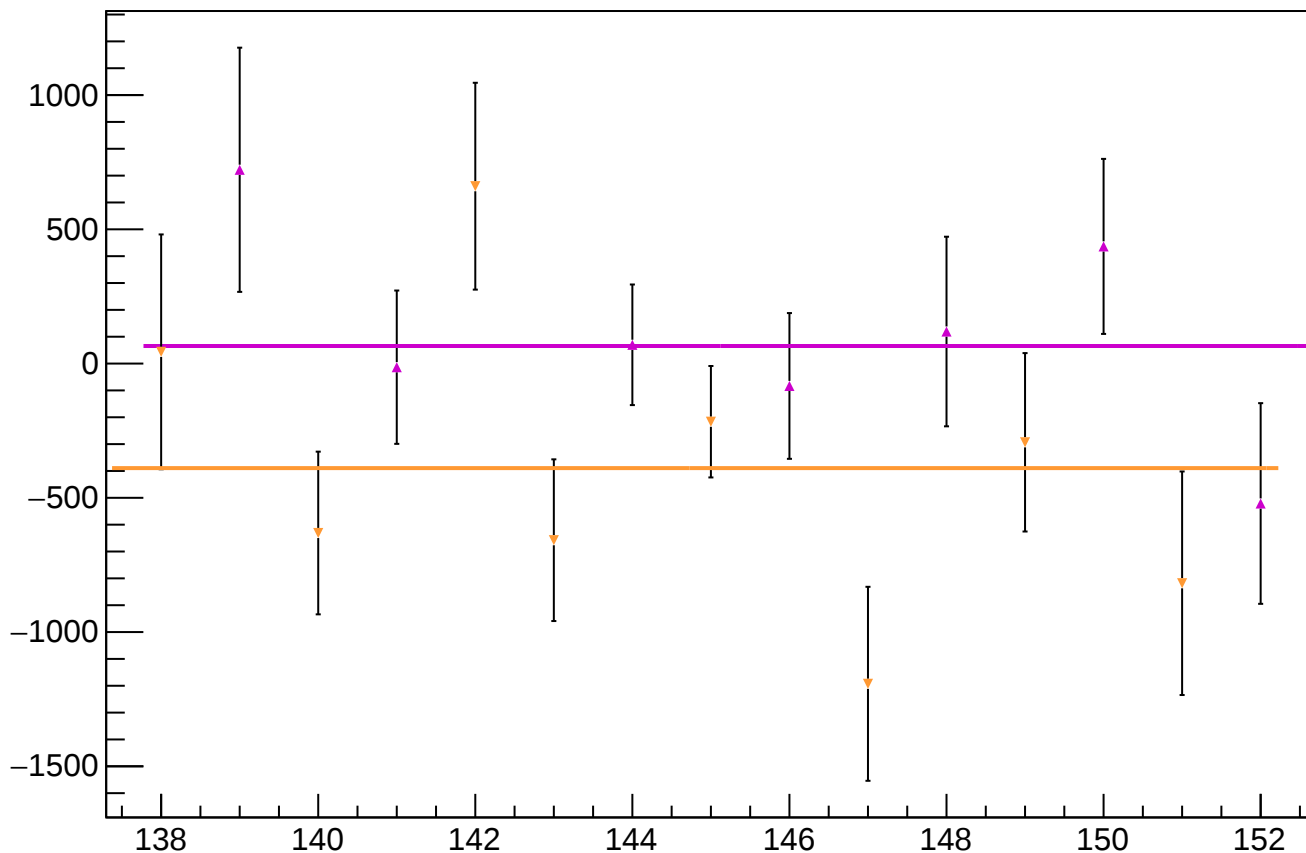
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 69.550 $\pm$ 0.014 χ^2 /NDF: 1622122.1/23

Out: 69.585 $\pm$ 0.014 χ^2 /NDF: 2111759.1/26

All: 69.568 $\pm$ 0.010 χ^2 /NDF: 3733884.1/50

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -389.363+/-112.084 χ^2/NDF :16.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.417+/-115.402 χ^2/NDF :6.2/6

Left: -168.604+/-80.403 χ^2/NDF : 30.9/14

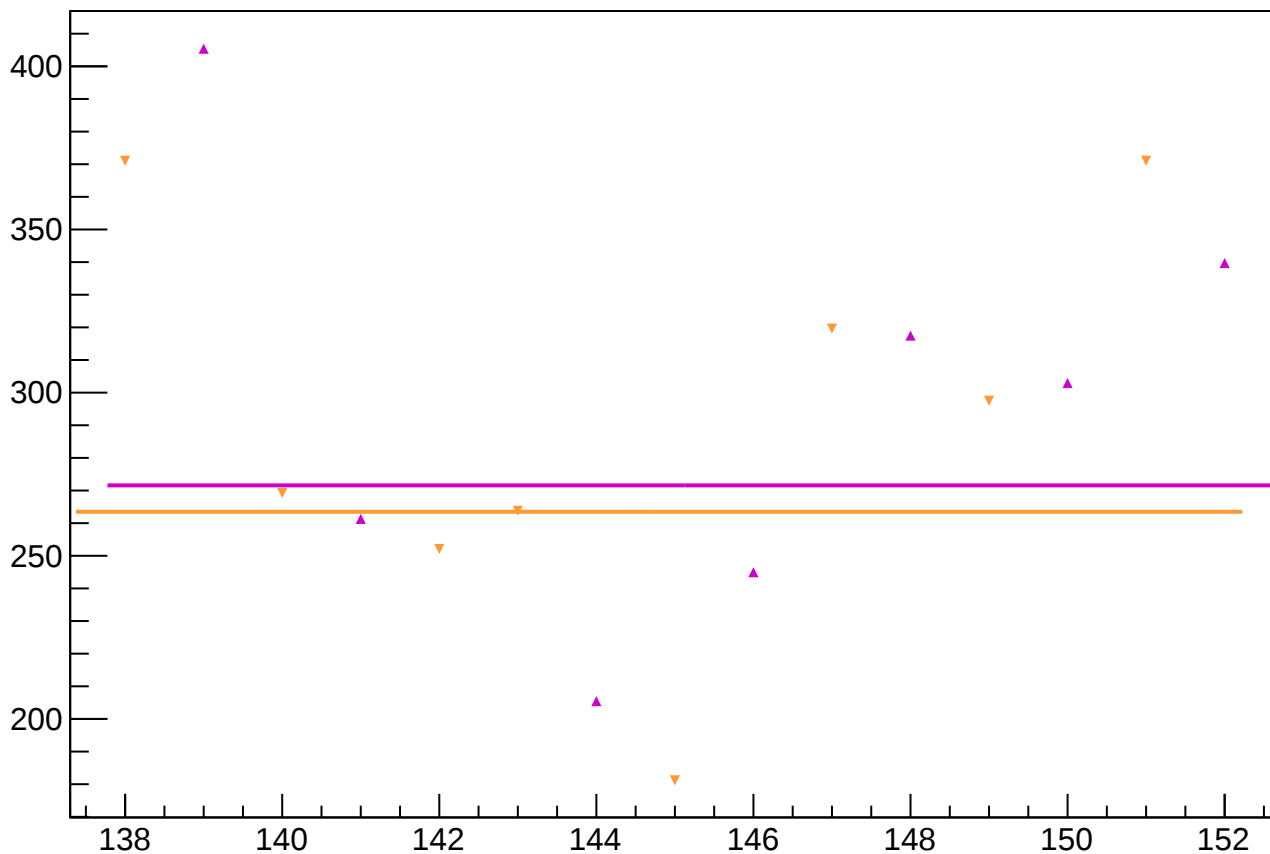
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.417+/-115.402 χ^2/NDF :6.2/6

Out: -389.363+/-112.084 χ^2/NDF :16.6/7

All: -168.604+/-80.403 χ^2/NDF : 30.9/14

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 263.489+/-0.079 χ^2/NDF :640877.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Left: 267.416+/-0.057 χ^2/NDF : 1133124.0/14

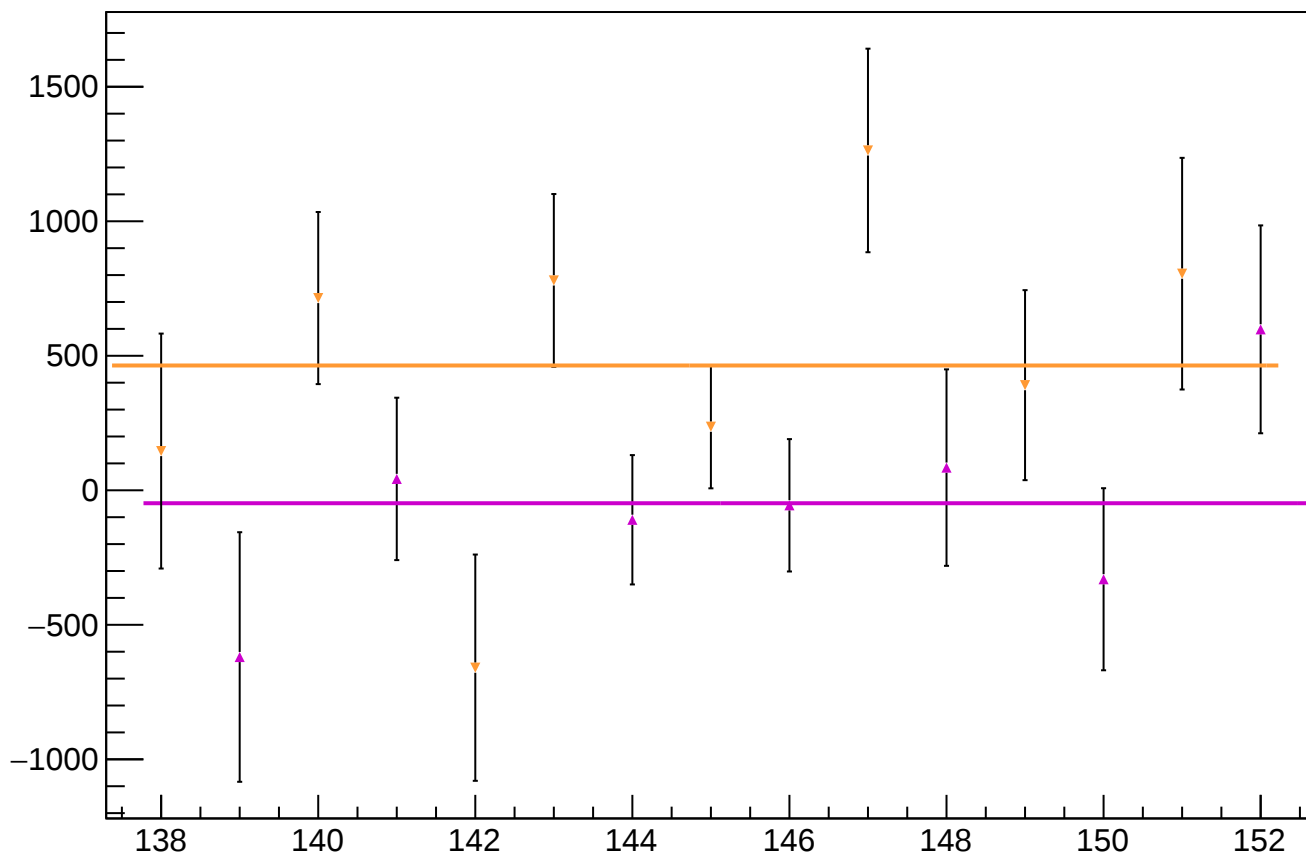
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Out: 263.489+/-0.079 χ^2/NDF :640877.2/7

All: 267.416+/-0.057 χ^2/NDF : 1133124.0/14

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 463.924+/-119.676 χ^2/NDF :15.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.078+/-117.544 χ^2/NDF :5.3/6

Left: 203.322+/-83.860 χ^2/NDF : 30.0/14

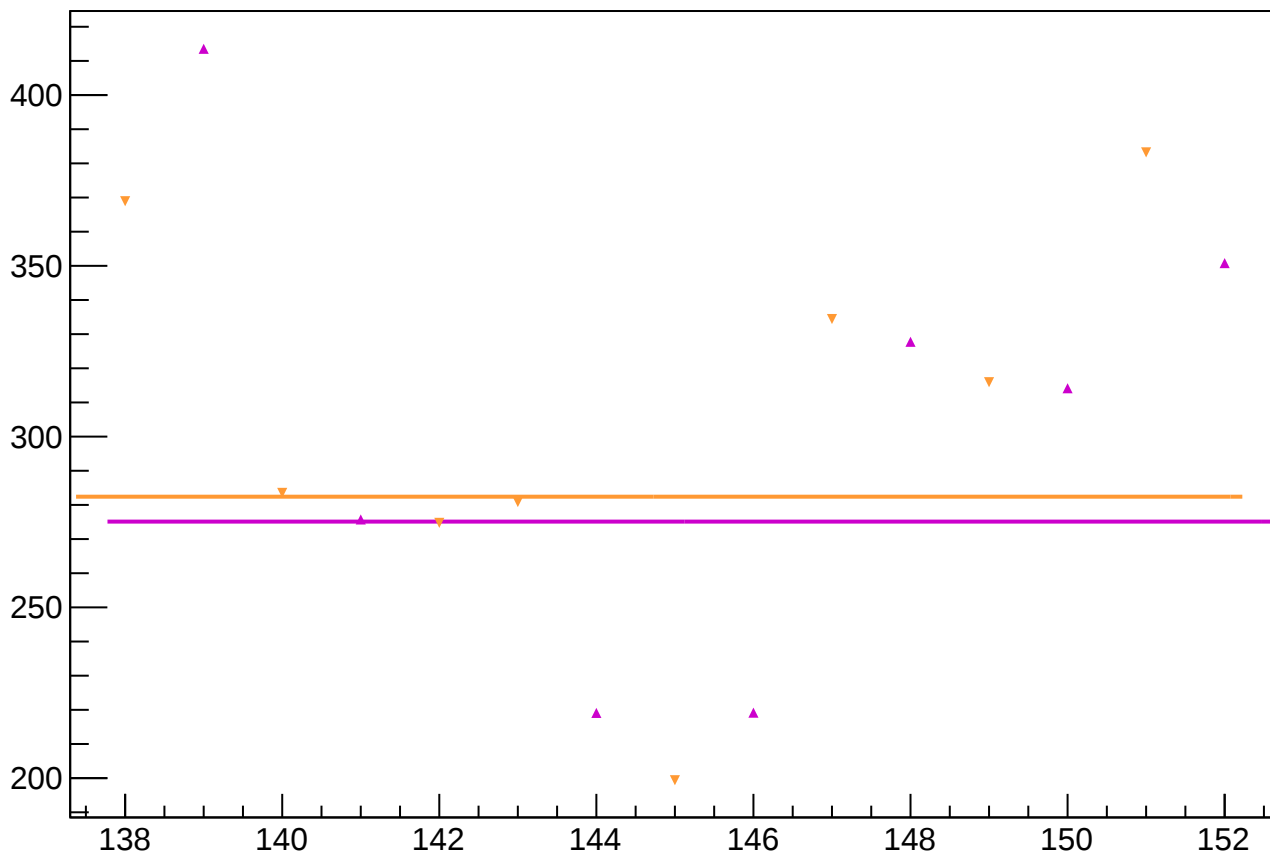
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.078+/-117.544 χ^2/NDF :5.3/6

Out: 463.924+/-119.676 χ^2/NDF :15.4/7

All: 203.322+/-83.860 χ^2/NDF : 30.0/14

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.409+/-0.085 χ^2/NDF :507404.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Left: 278.696+/-0.059 χ^2/NDF : 1046245.2/14

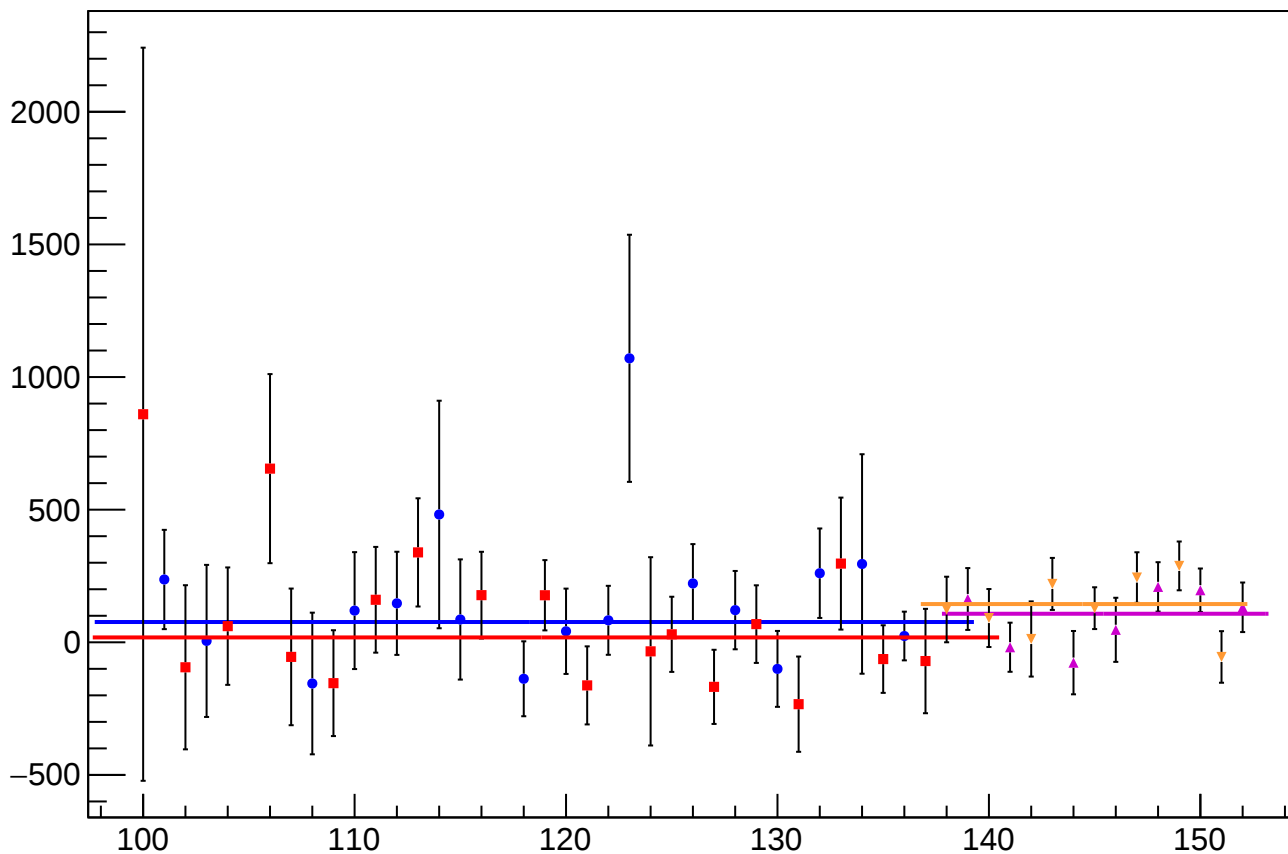
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Out: 282.409+/-0.085 χ^2/NDF :507404.3/7

All: 278.696+/-0.059 χ^2/NDF : 1046245.2/14

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 144.193 $\pm$ 35.395 χ^2 /NDF:9.5/7

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 107.645 $\pm$ 37.576 χ^2 /NDF:7.2/6

Left: 127.011 $\pm$ 25.765 χ^2 /NDF: 17.2/14

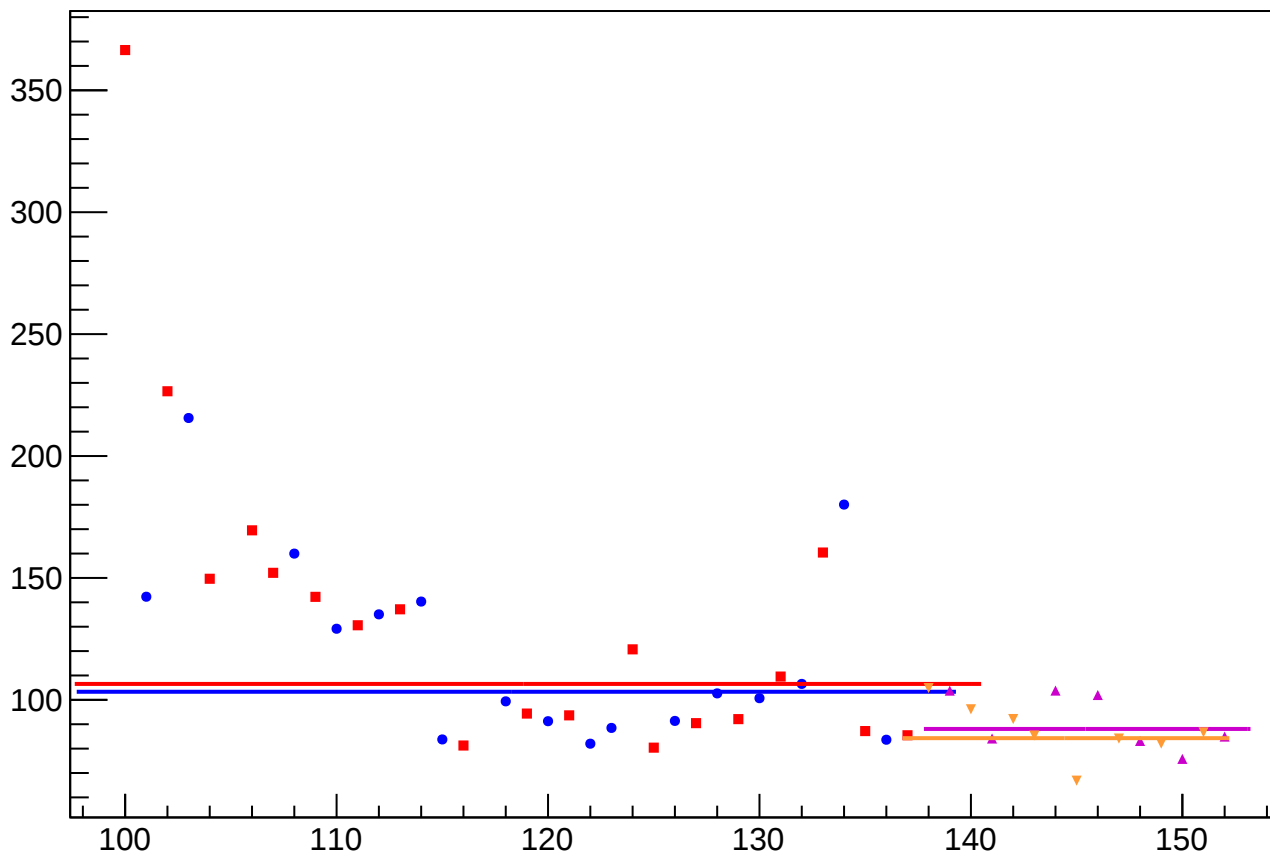
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 93.637 $\pm$ 27.872 χ^2 /NDF:21.4/23

Out: 92.353 $\pm$ 27.139 χ^2 /NDF:31.9/26

All: 92.978 $\pm$ 19.444 χ^2 /NDF: 53.3/50

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: 84.290 $\pm$ 0.025 χ^2 /NDF:185359.3/7

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 88.069 $\pm$ 0.027 χ^2 /NDF:154017.5/6

Left: 86.067 $\pm$ 0.018 χ^2 /NDF: 350094.0/14

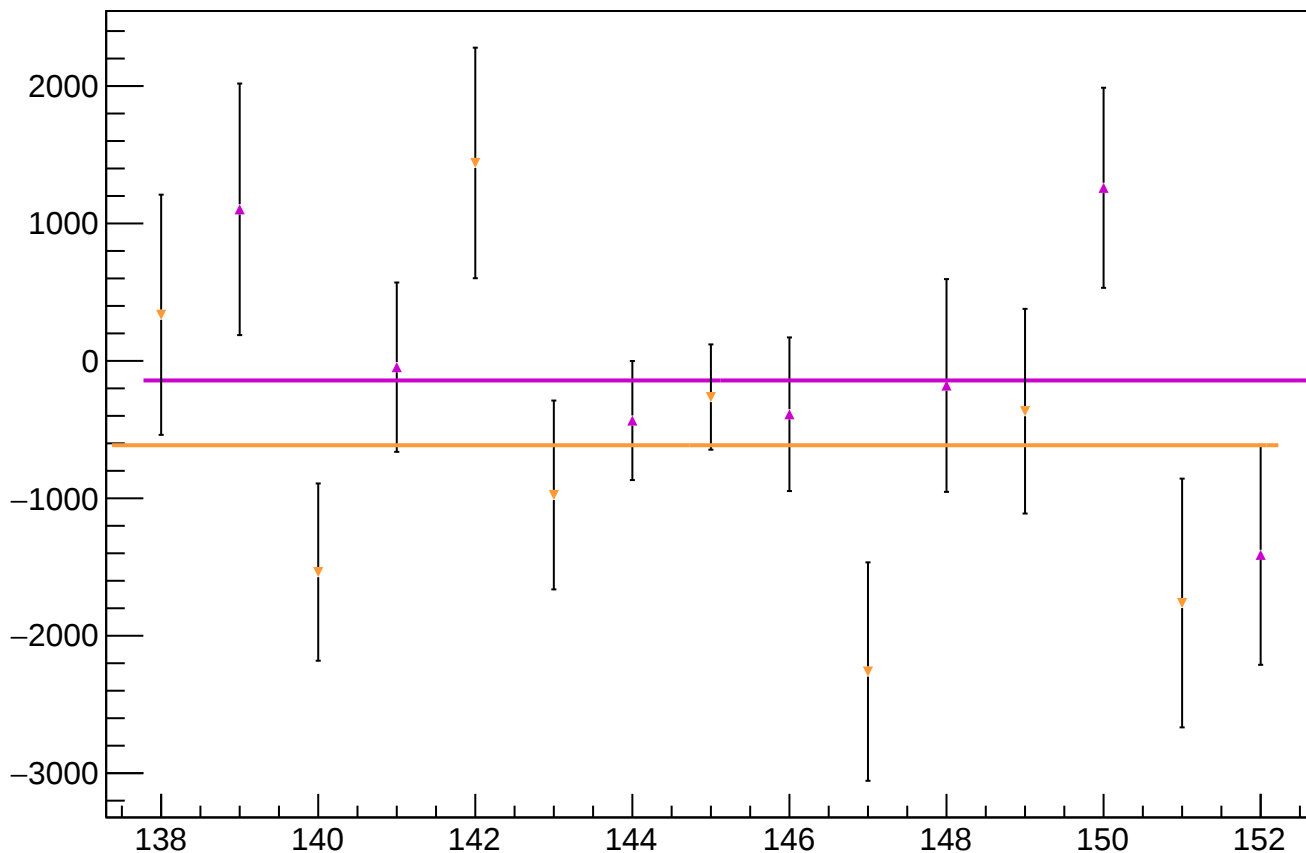
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 94.928 $\pm$ 0.020 χ^2 /NDF:1139973.2/23

Out: 93.456 $\pm$ 0.019 χ^2 /NDF:1582367.5/26

All: 94.172 $\pm$ 0.014 χ^2 /NDF: 2725205.7/50

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -613.620+/-231.405 χ^2/NDF :16.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -142.267+/-239.205 χ^2/NDF :8.7/6

Left: -385.754+/-166.317 χ^2/NDF : 27.1/14

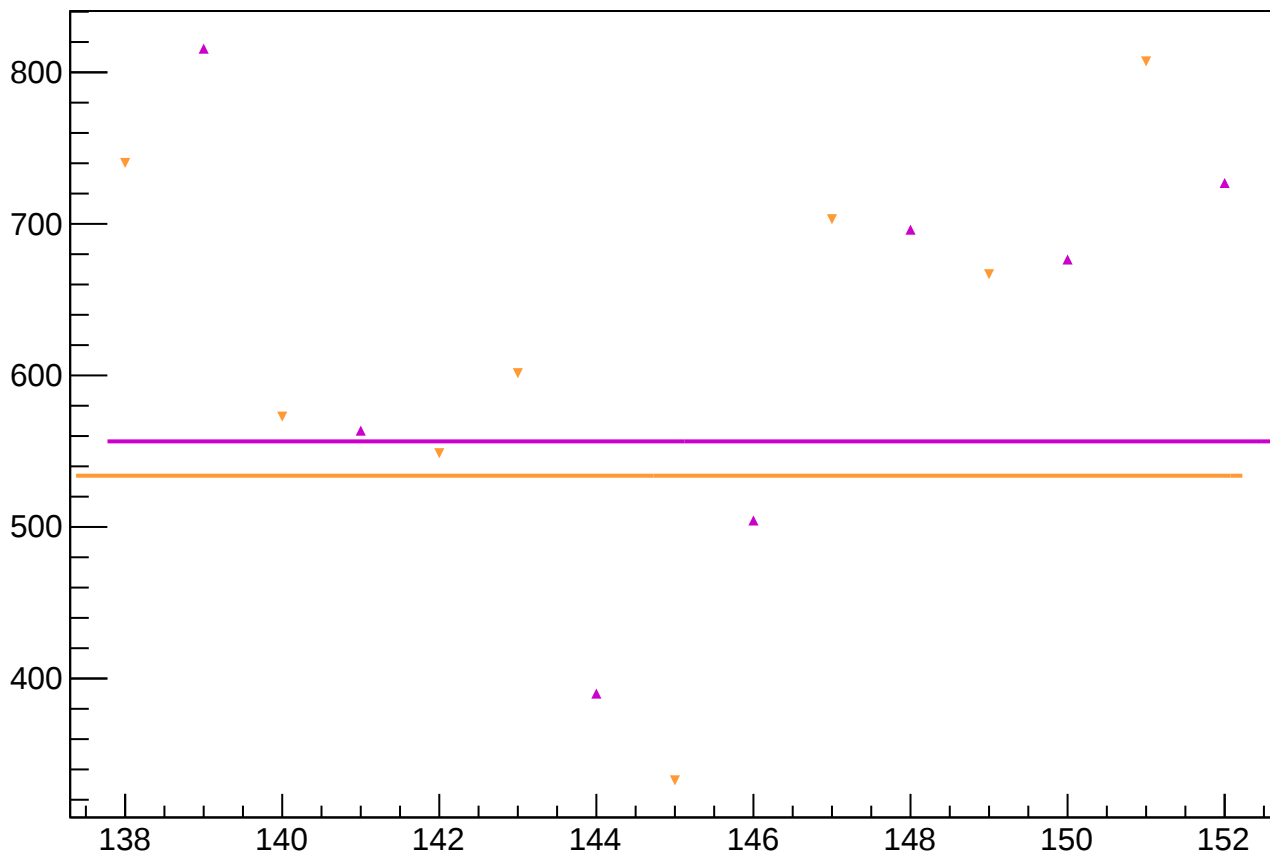
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -142.267+/-239.205 χ^2/NDF :8.7/6

Out: -613.620+/-231.405 χ^2/NDF :16.4/7

All: -385.754+/-166.317 χ^2/NDF : 27.1/14

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 533.819+/-0.164 χ^2/NDF :1026636.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Left: 544.773+/-0.118 χ^2/NDF : 1719503.5/14

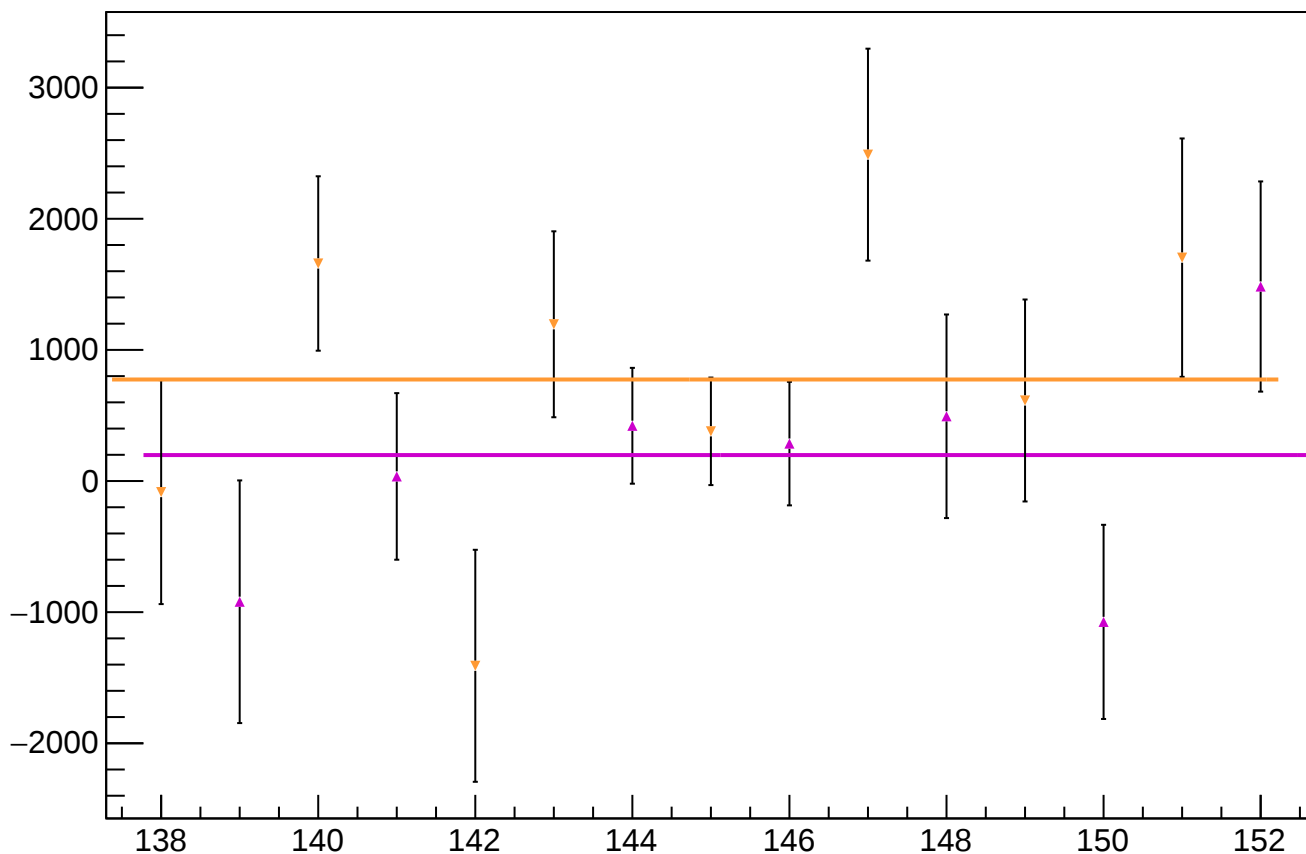
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Out: 533.819+/-0.164 χ^2/NDF :1026636.6/7

All: 544.773+/-0.118 χ^2/NDF : 1719503.5/14

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 774.285+/-240.603 χ^2/NDF :15.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 197.966+/-233.647 χ^2/NDF :7.5/6

Left: 477.675+/-167.618 χ^2/NDF : 26.2/14

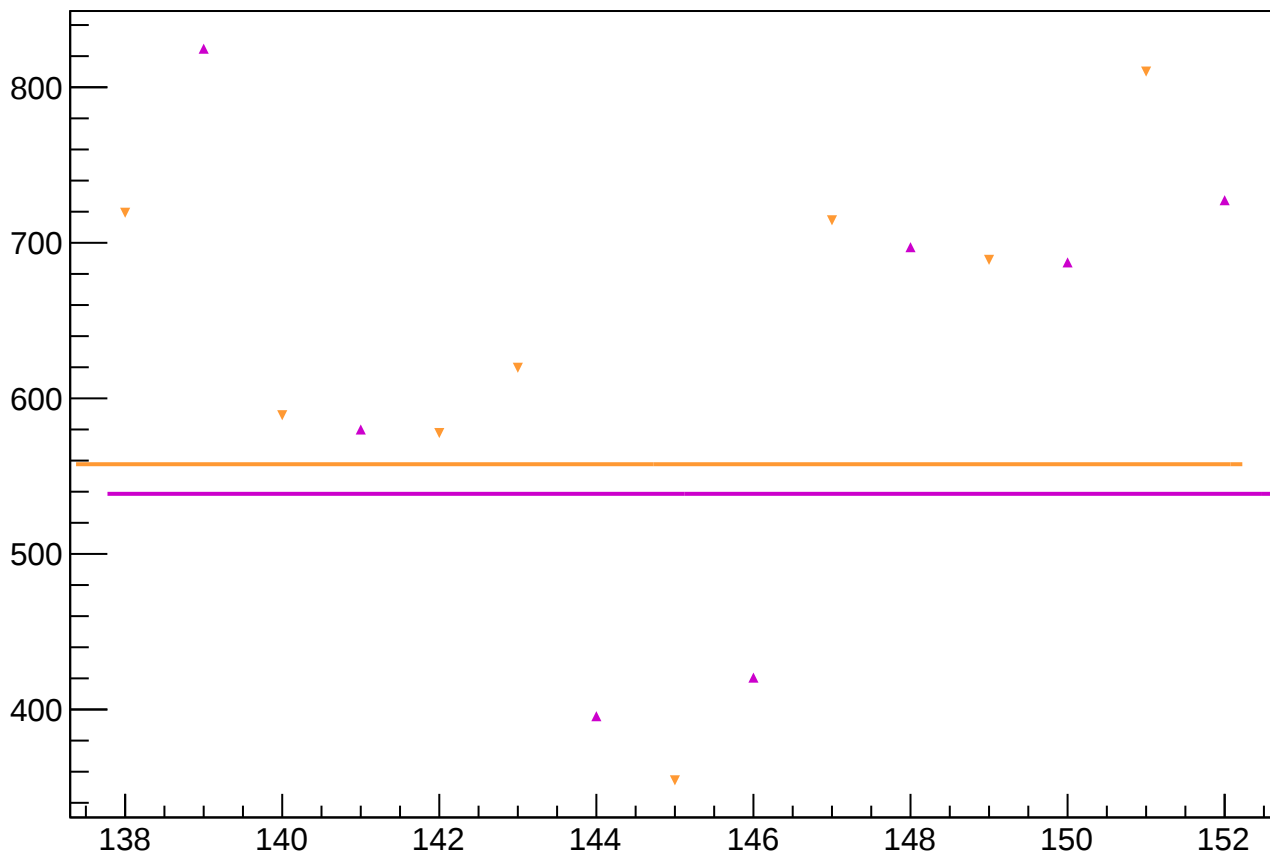
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.966+/-233.647 χ^2/NDF :7.5/6

Out: 774.285+/-240.603 χ^2/NDF :15.7/7

All: 477.675+/-167.618 χ^2/NDF : 26.2/14

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 557.667+/-0.170 χ^2/NDF : 871460.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Left: 547.872+/-0.119 χ^2/NDF : 1688091.7/14

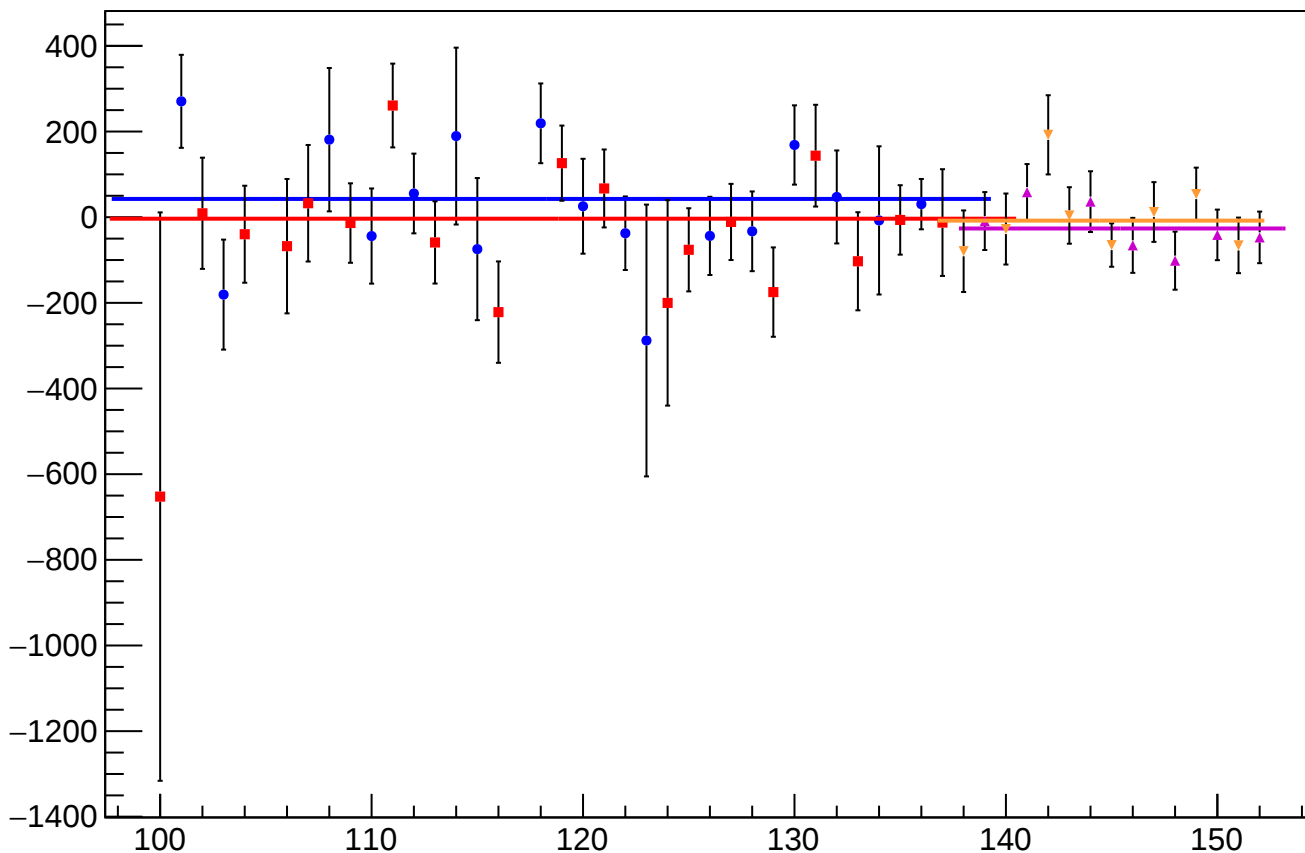
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Out: 557.667+/-0.170 χ^2/NDF : 871460.9/7

All: 547.872+/-0.119 χ^2/NDF : 1688091.7/14

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -8.016 $\pm$ 24.271 χ^2 /NDF: 8.5/7

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -26.358 $\pm$ 24.455 χ^2 /NDF: 4.3/6

Left: -17.117 $\pm$ 17.227 χ^2 /NDF: 13.1/14

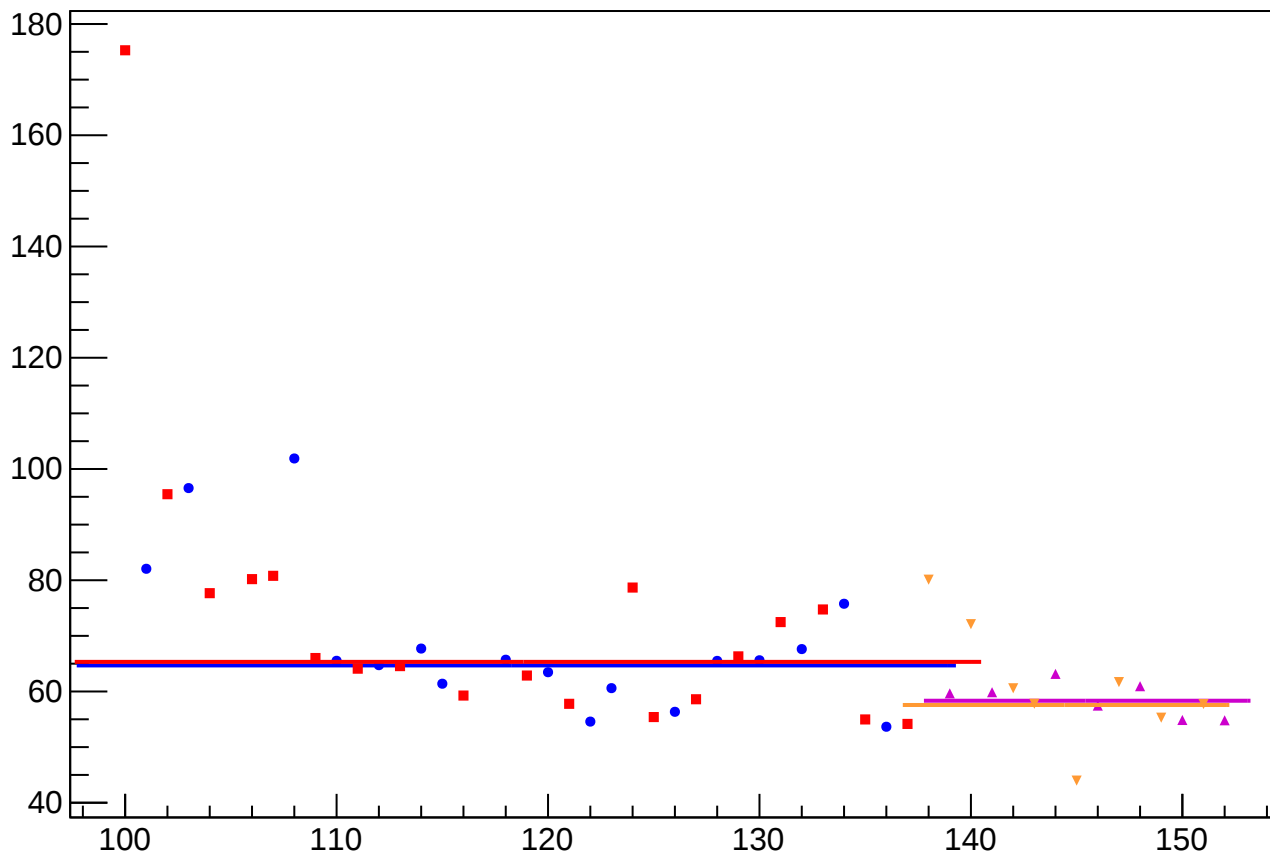
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 6.725 $\pm$ 17.646 χ^2 /NDF: 27.0/23

Out: -5.833 $\pm$ 17.438 χ^2 /NDF: 29.9/26

All: 0.372 $\pm$ 12.403 χ^2 /NDF: 57.1/50

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 ± 0.018 $\chi^2/\text{NDF}: 400187.1/16$

Left Out: 57.572 ± 0.017 $\chi^2/\text{NDF}: 329065.8/7$

Right Out: 65.324 ± 0.018 $\chi^2/\text{NDF}: 359570.8/18$

Left In: 58.337 ± 0.017 $\chi^2/\text{NDF}: 28137.2/6$

Left: 57.952 ± 0.012 $\chi^2/\text{NDF}: 358188.1/14$

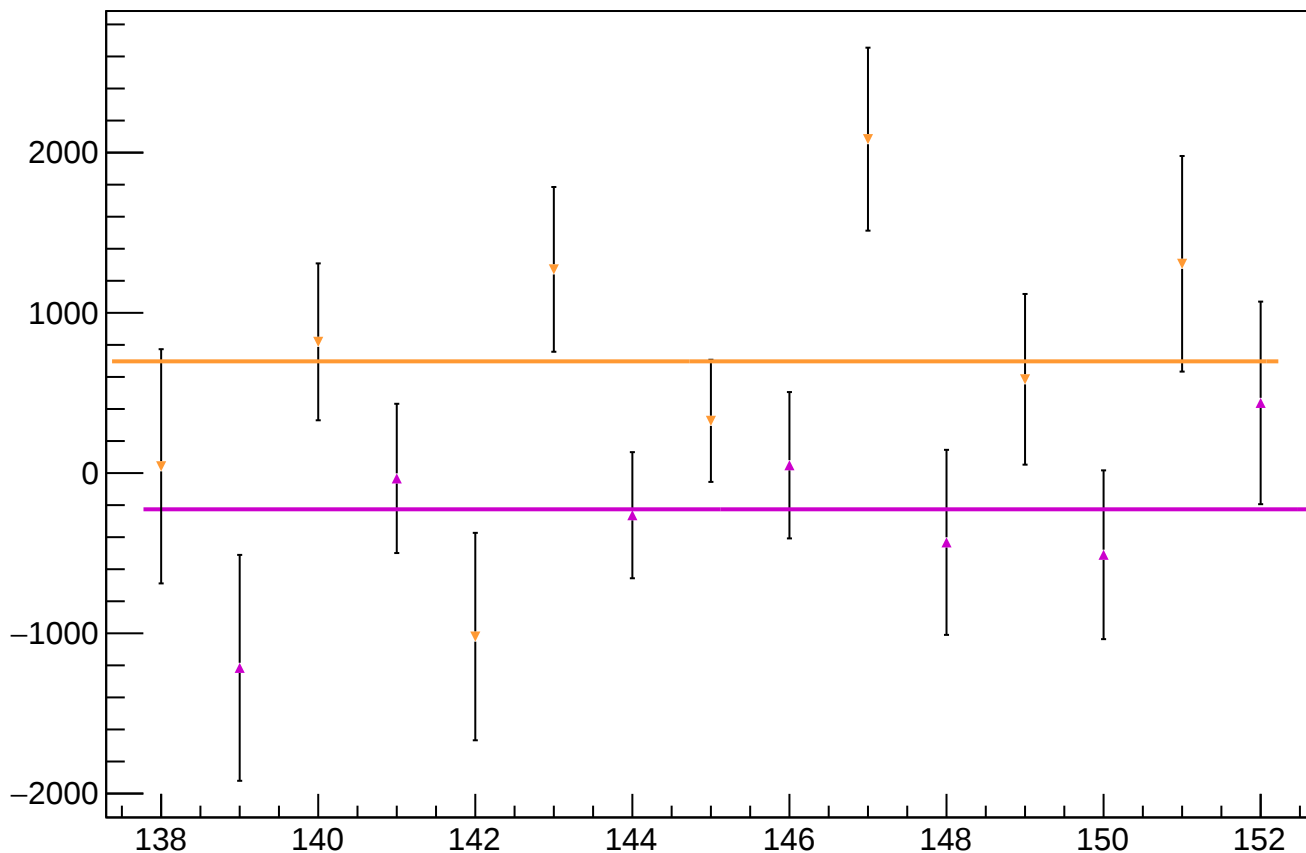
Right: 65.010 ± 0.013 $\chi^2/\text{NDF}: 760396.9/35$

In: 61.380 ± 0.012 $\chi^2/\text{NDF}: 492932.0/23$

Out: 61.323 ± 0.012 $\chi^2/\text{NDF}: 787346.9/26$

All: 61.351 ± 0.009 $\chi^2/\text{NDF}: 1280289.6/50$

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: 697.313+/-189.321 χ^2/NDF :16.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -226.095+/-192.512 χ^2/NDF :4.0/6

Left: 243.326+/-134.984 χ^2/NDF : 32.6/14

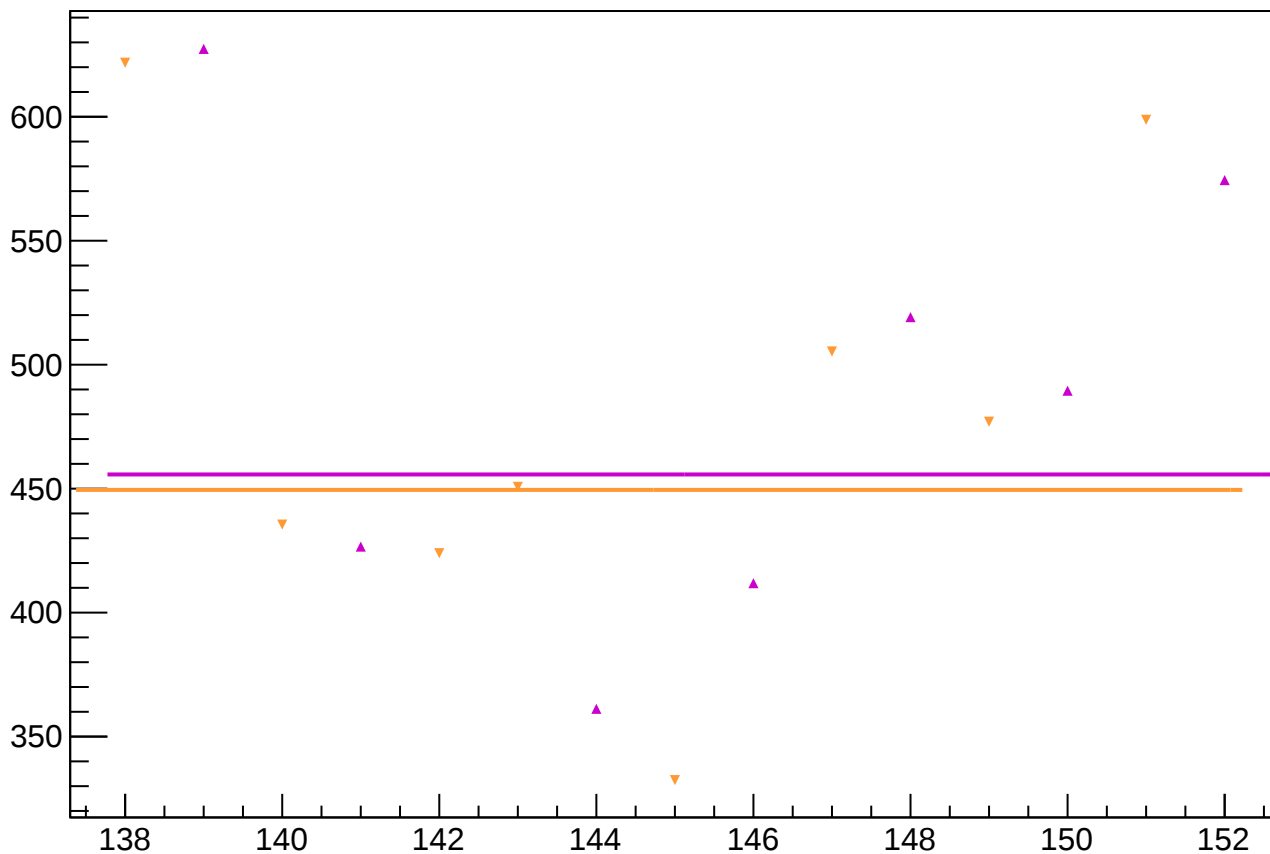
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -226.095+/-192.512 χ^2/NDF :4.0/6

Out: 697.313+/-189.321 χ^2/NDF :16.9/7

All: 243.326+/-134.984 χ^2/NDF : 32.6/14

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: 449.500+/-0.134 χ^2/NDF : 427531.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 455.727+/-0.136 χ^2/NDF : 363182.5/6

Left: 452.561+/-0.095 χ^2/NDF : 791777.6/14

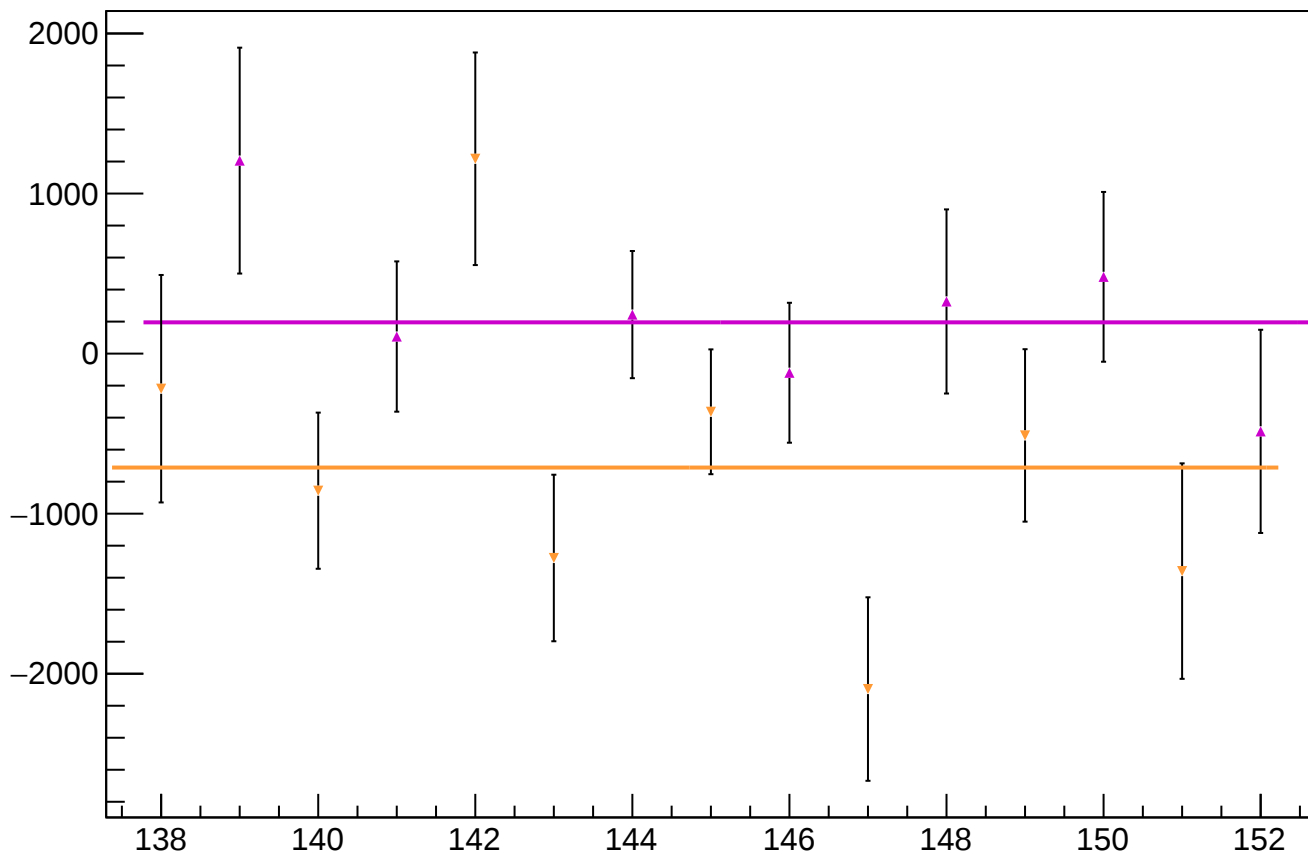
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 455.727+/-0.136 χ^2/NDF : 363182.5/6

Out: 449.500+/-0.134 χ^2/NDF : 427531.3/7

All: 452.561+/-0.095 χ^2/NDF : 791777.6/14

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -711.919+/-190.973 χ^2/NDF :17.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.325+/-191.839 χ^2/NDF :4.1/6

Left: -260.349+/-135.344 χ^2/NDF : 33.2/14

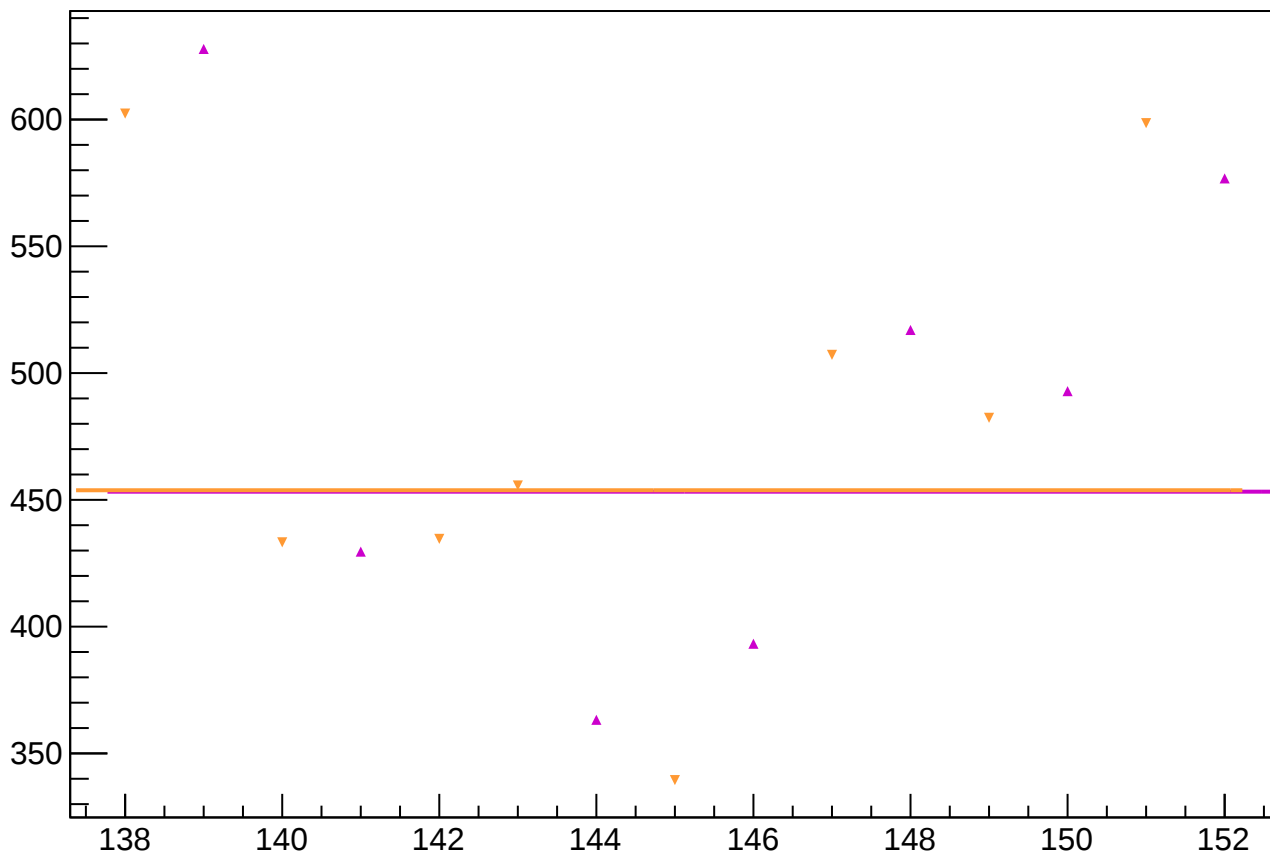
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.325+/-191.839 χ^2/NDF :4.1/6

Out: -711.919+/-190.973 χ^2/NDF :17.9/7

All: -260.349+/-135.344 χ^2/NDF : 33.2/14

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 453.785+/-0.135 χ^2/NDF : 380068.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Left: 453.507+/-0.096 χ^2/NDF : 759358.1/14

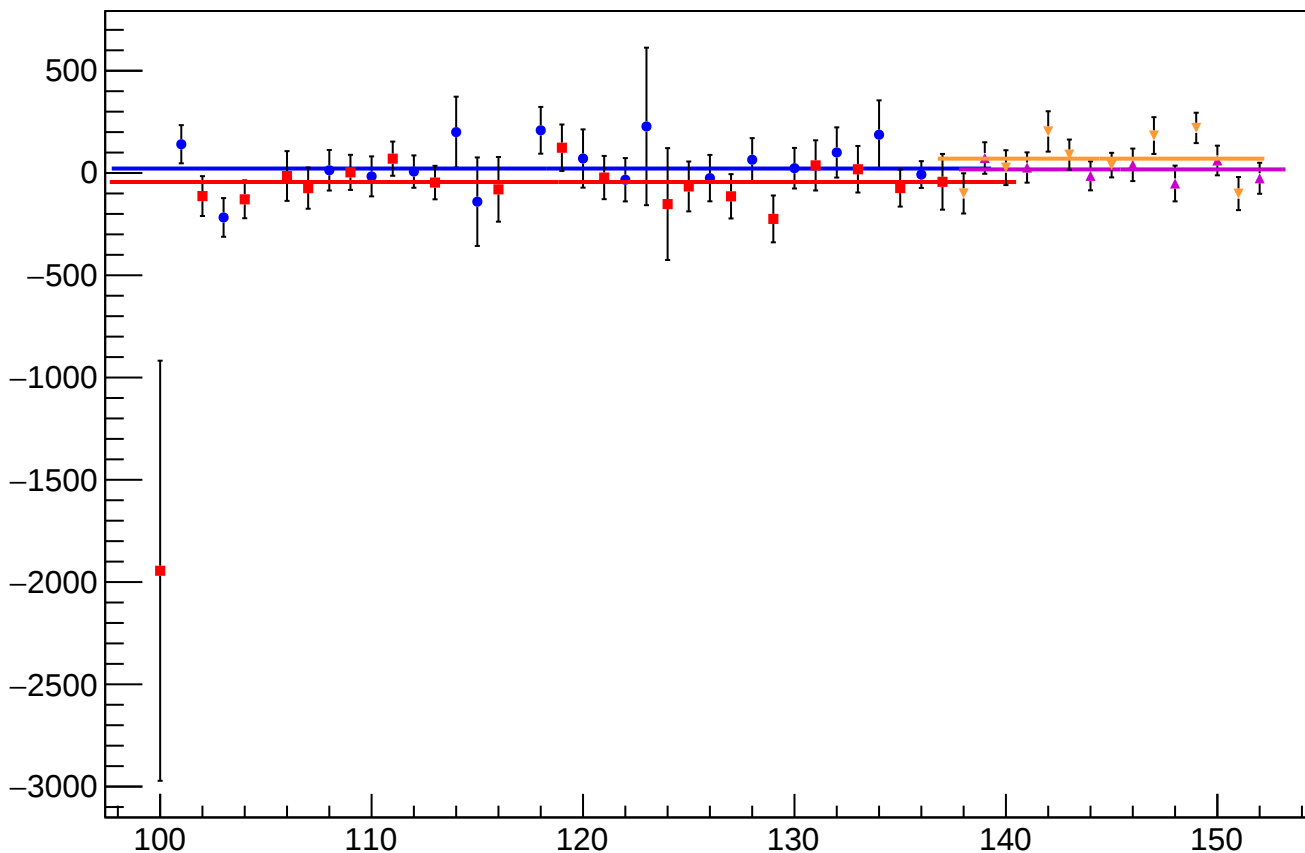
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Out: 453.785+/-0.135 χ^2/NDF : 380068.3/7

All: 453.507+/-0.096 χ^2/NDF : 759358.1/14

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: 70.220 $\pm$ 28.143 χ^2 /NDF:15.6/7

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 17.689 $\pm$ 28.825 χ^2 /NDF:2.1/6

Left: 44.584 $\pm$ 20.137 χ^2 /NDF: 19.4/14

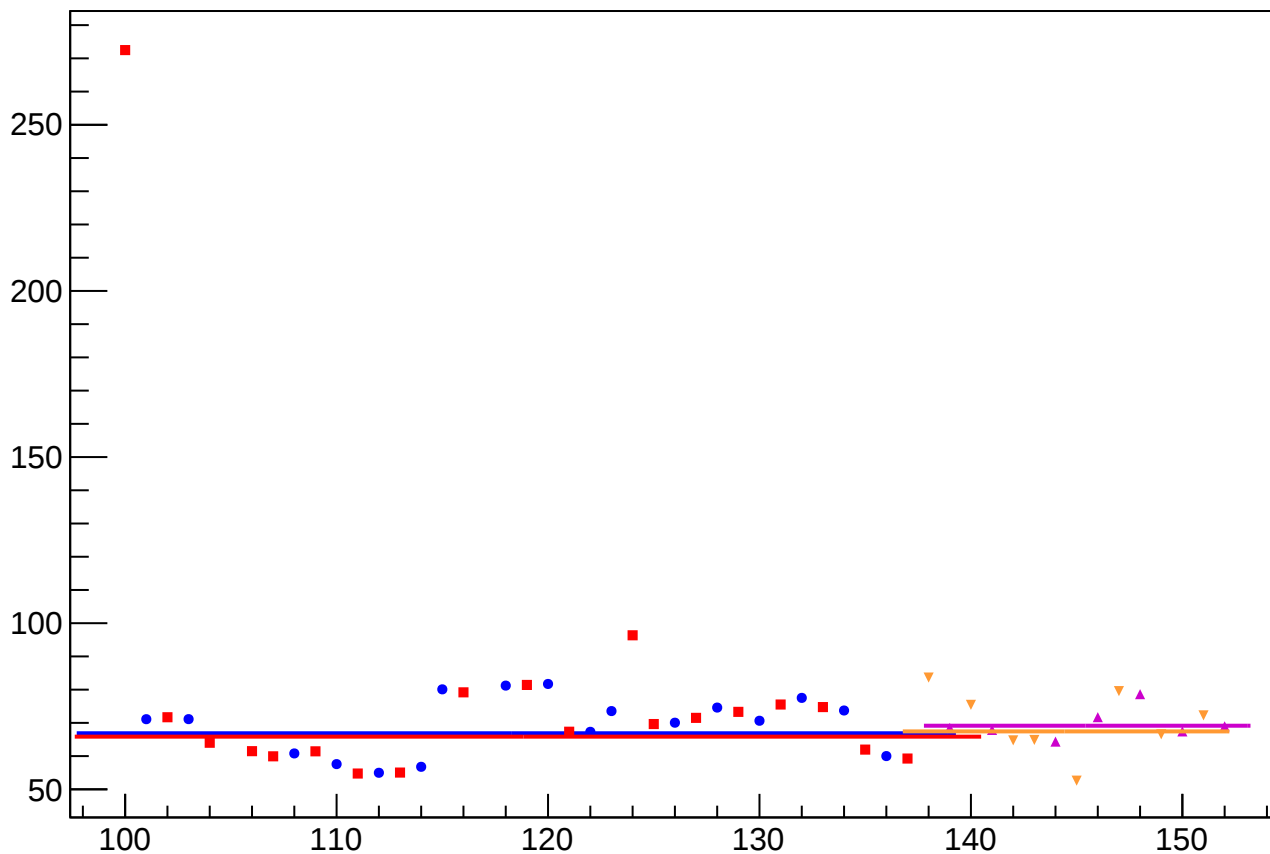
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 20.011 $\pm$ 19.329 χ^2 /NDF:17.2/23

Out: 6.648 $\pm$ 18.736 χ^2 /NDF:38.0/26

All: 13.121 $\pm$ 13.453 χ^2 /NDF: 55.5/50

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 67.433 ± 0.020 χ^2/NDF : 241375.6/7

Right Out: 65.854 ± 0.018 χ^2/NDF : 299873.8/18

Left In: 69.144 ± 0.020 χ^2/NDF : 36659.1/6

Left: 68.268 ± 0.014 χ^2/NDF : 281641.5/14

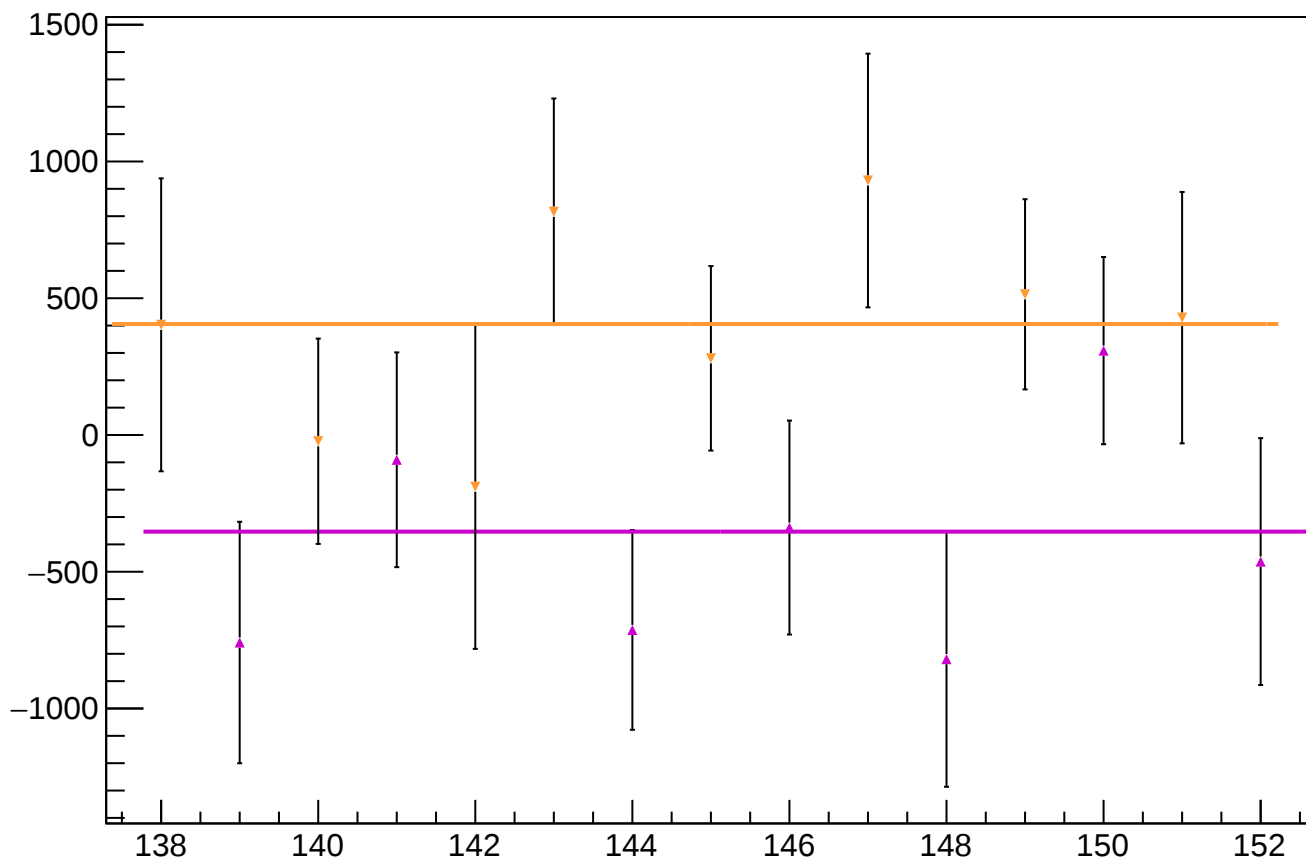
Right: 66.344 ± 0.013 χ^2/NDF : 503972.2/35

In: 67.894 ± 0.014 χ^2/NDF : 246011.9/23

Out: 66.554 ± 0.013 χ^2/NDF : 544754.9/26

All: 67.203 ± 0.010 χ^2/NDF : 795720.3/50

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 405.617 $\pm$ 147.905 χ^2 /NDF:4.8/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -353.350 $\pm$ 151.287 χ^2 /NDF:7.1/6

Left: 34.711 $\pm$ 105.760 χ^2 /NDF: 24.7/14

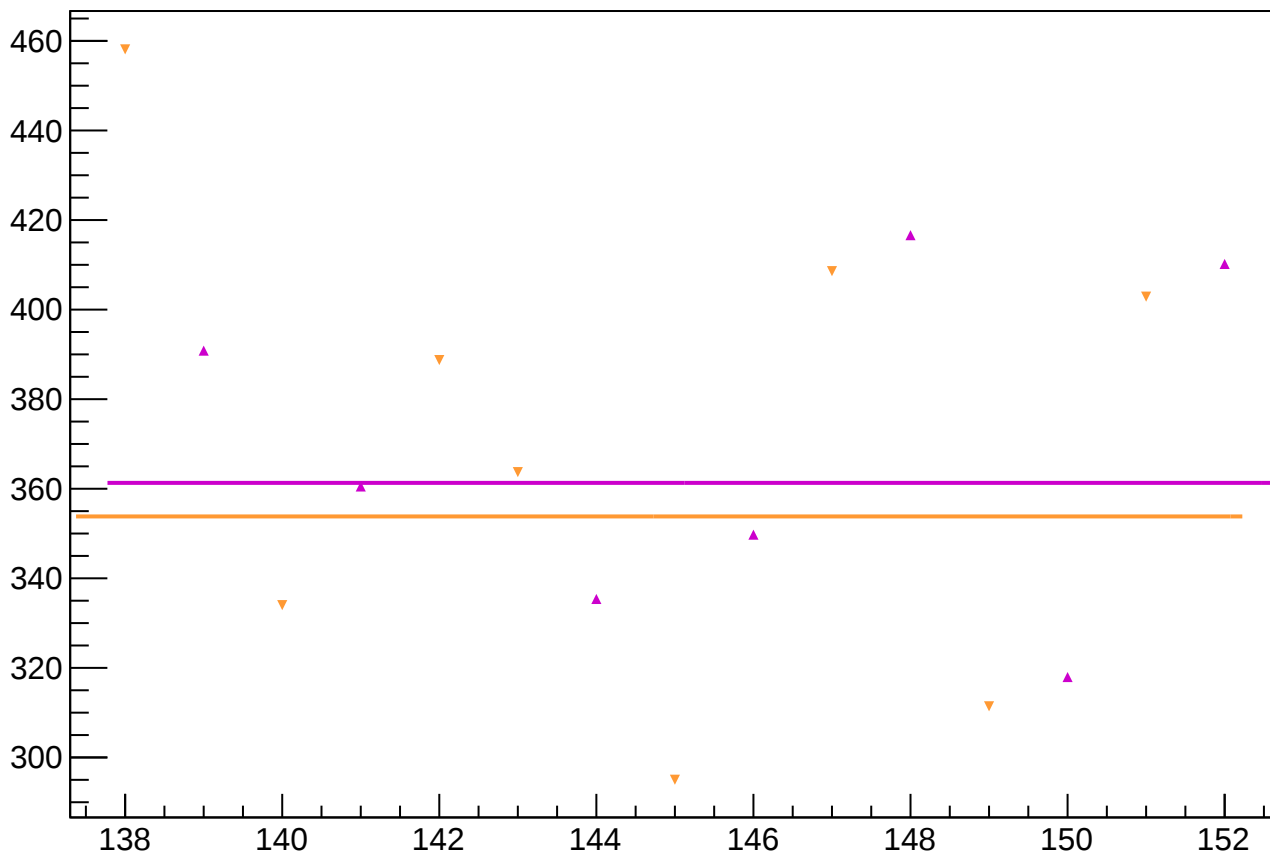
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -353.350 $\pm$ 151.287 χ^2 /NDF:7.1/6

Out: 405.617 $\pm$ 147.905 χ^2 /NDF:4.8/7

All: 34.711 $\pm$ 105.760 χ^2 /NDF: 24.7/14

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: 353.817+/-0.105 χ^2/NDF :230720.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Left: 357.479+/-0.075 χ^2/NDF : 337650.0/14

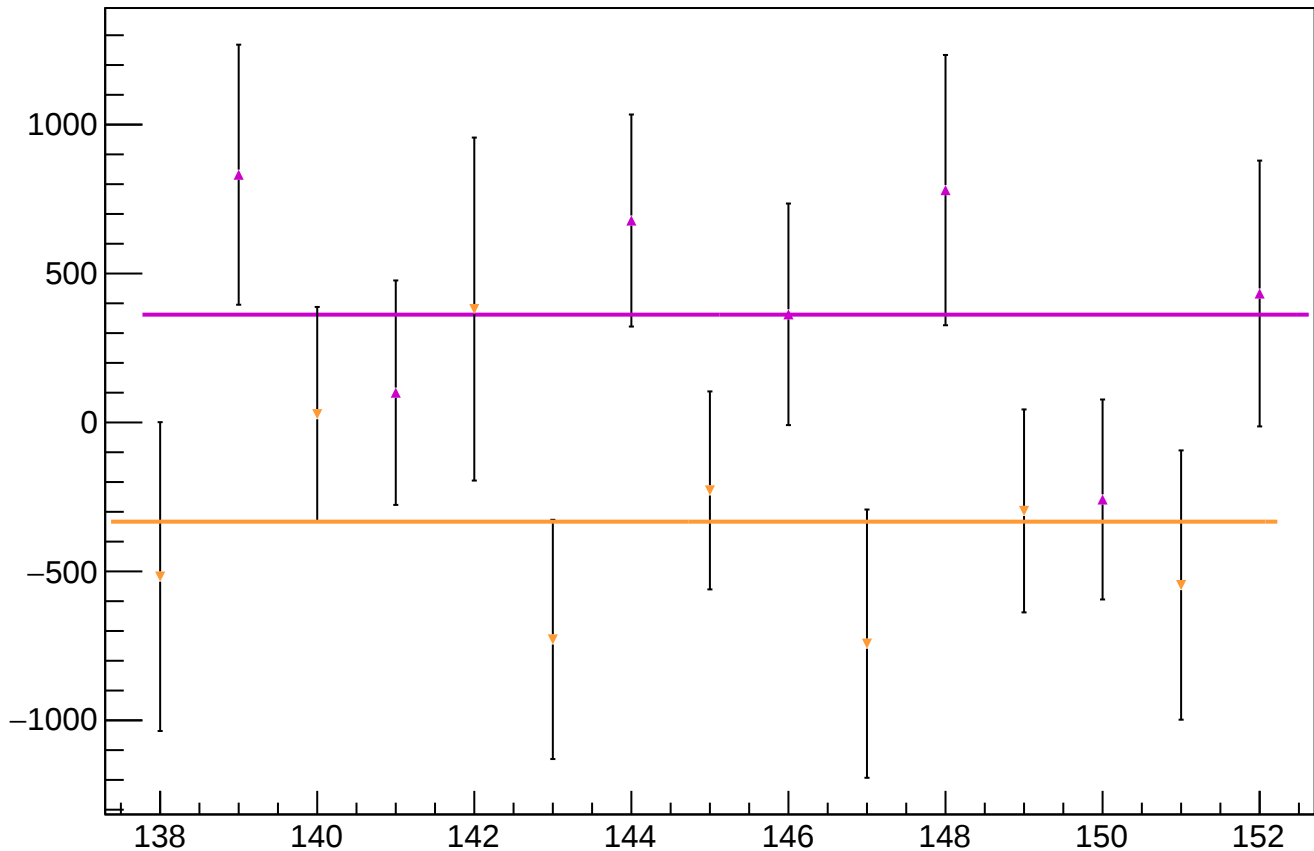
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Out: 353.817+/-0.105 χ^2/NDF :230720.1/7

All: 357.479+/-0.075 χ^2/NDF : 337650.0/14

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -333.046+/-144.116 χ^2/NDF : 4.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Left: 7.196+/-102.968 χ^2/NDF : 22.9/14

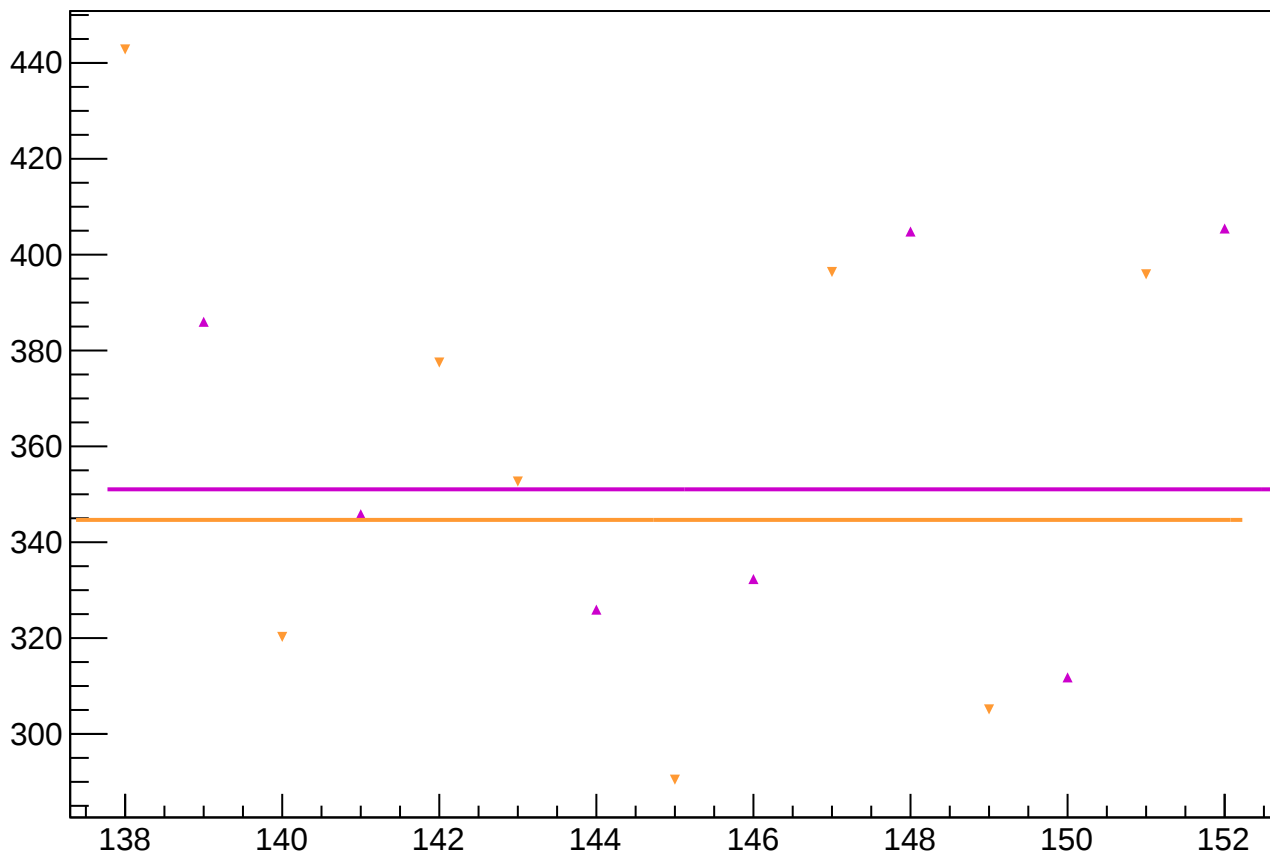
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Out: -333.046+/-144.116 χ^2/NDF : 4.8/7

All: 7.196+/-102.968 χ^2/NDF : 22.9/14

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 344.659+/-0.102 χ^2/NDF :220427.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Left: 347.781+/-0.073 χ^2/NDF : 335752.6/14

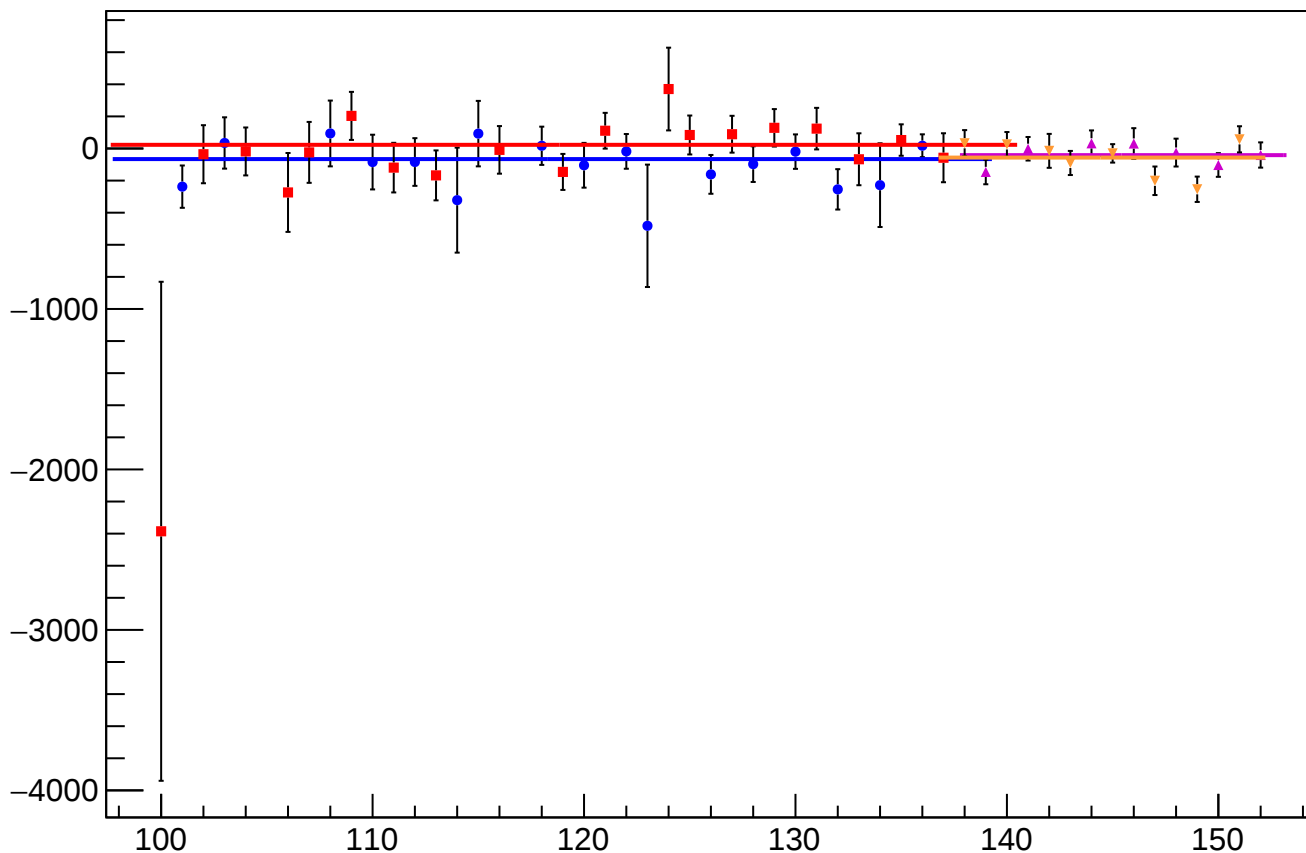
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Out: 344.659+/-0.102 χ^2/NDF :220427.0/7

All: 347.781+/-0.073 χ^2/NDF : 335752.6/14

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -56.619 ± 27.484 χ^2/NDF : 13.7/7

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -41.392 ± 30.204 χ^2/NDF : 4.3/6

Left: -49.722 ± 20.328 χ^2/NDF : 18.1/14

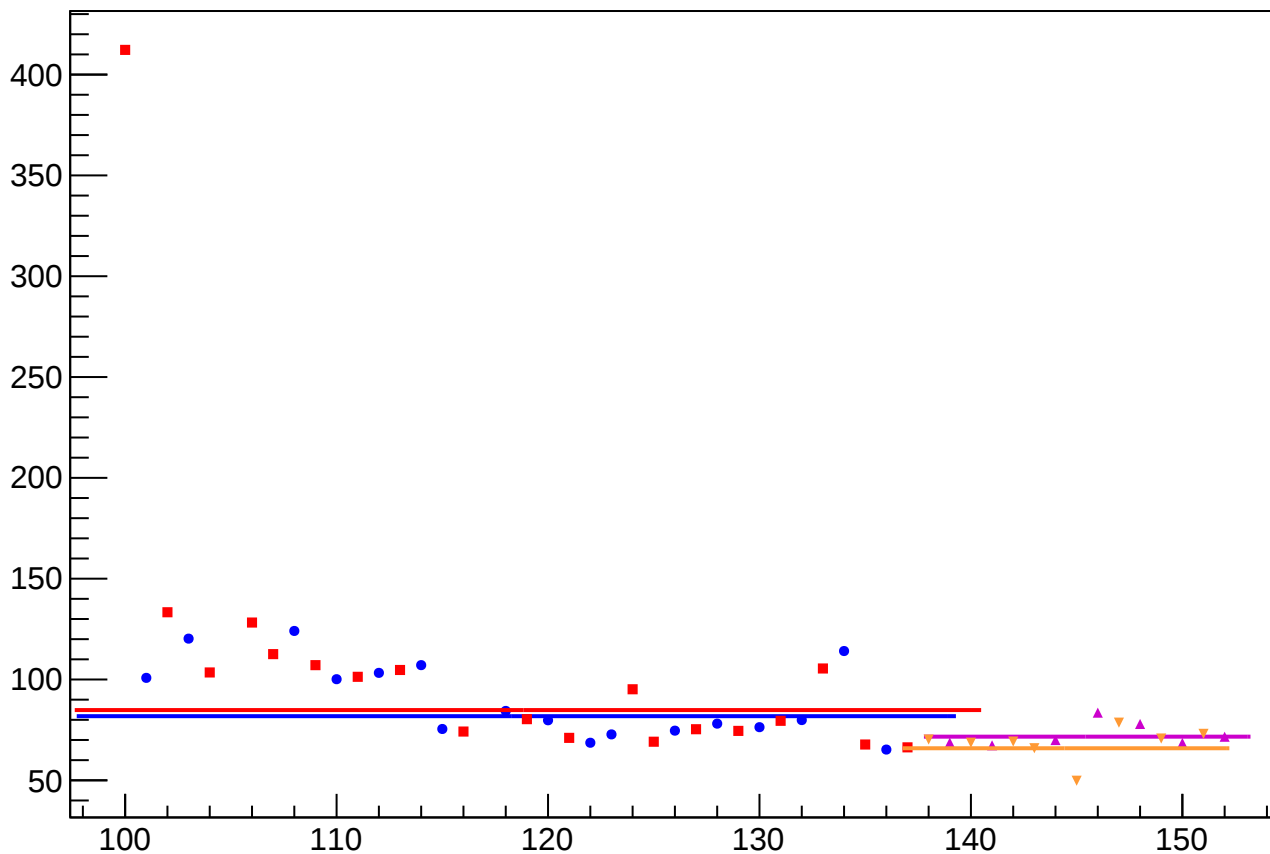
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -52.864 ± 22.058 χ^2/NDF : 15.4/23

Out: -23.793 ± 21.062 χ^2/NDF : 32.5/26

All: -37.657 ± 15.233 χ^2/NDF : 48.8/50

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 65.896+/-0.019 χ^2/NDF : 230880.1/7

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 71.651+/-0.021 χ^2/NDF : 55757.2/6

Left: 68.503+/-0.014 χ^2/NDF : 326358.4/14

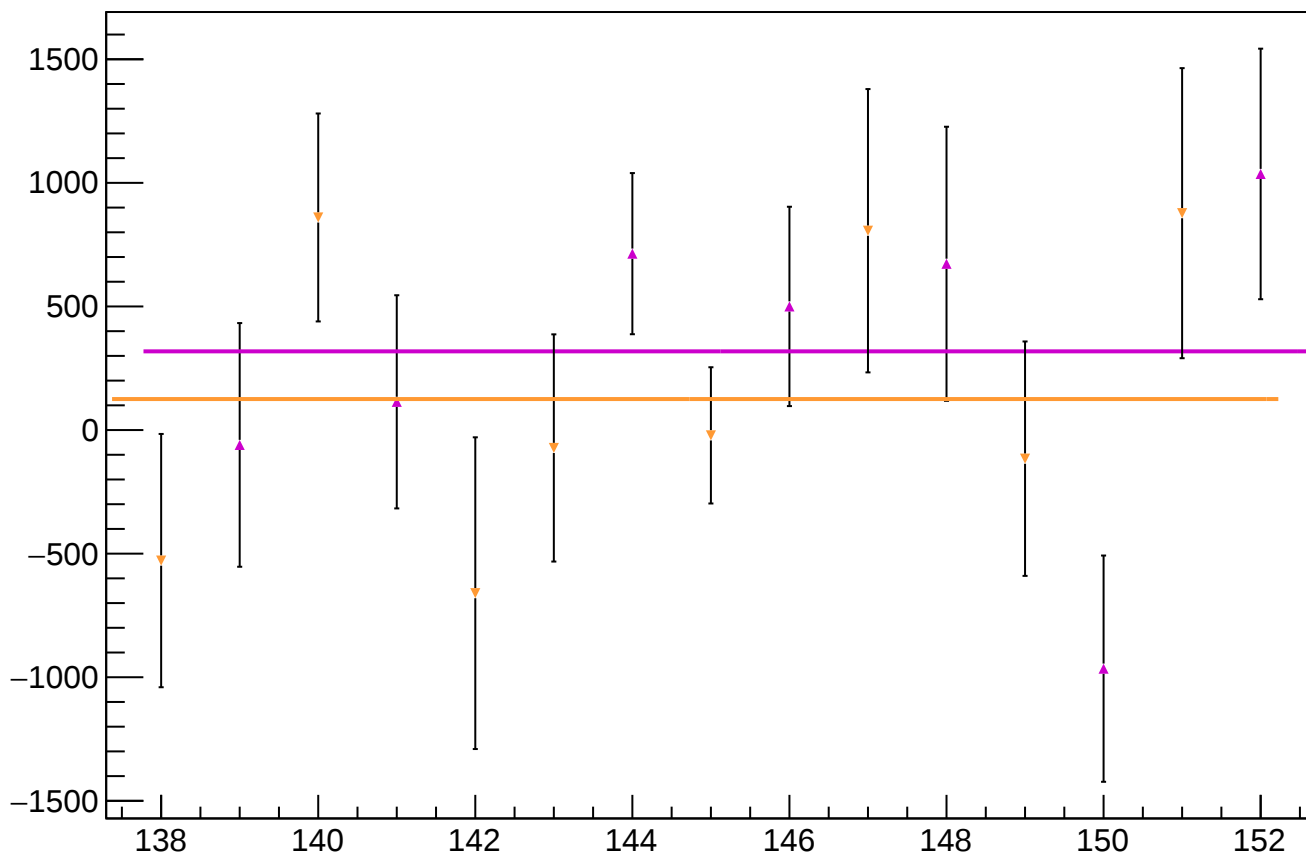
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 76.391+/-0.016 χ^2/NDF : 668515.7/23

Out: 73.714+/-0.015 χ^2/NDF : 1327589.7/26

All: 74.991+/-0.011 χ^2/NDF : 2011520.8/50

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: 125.421+/-157.573 χ^2/NDF :10.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 318.372+/-164.451 χ^2/NDF :12.8/6

Left: 217.778+/-113.775 χ^2/NDF : 23.5/14

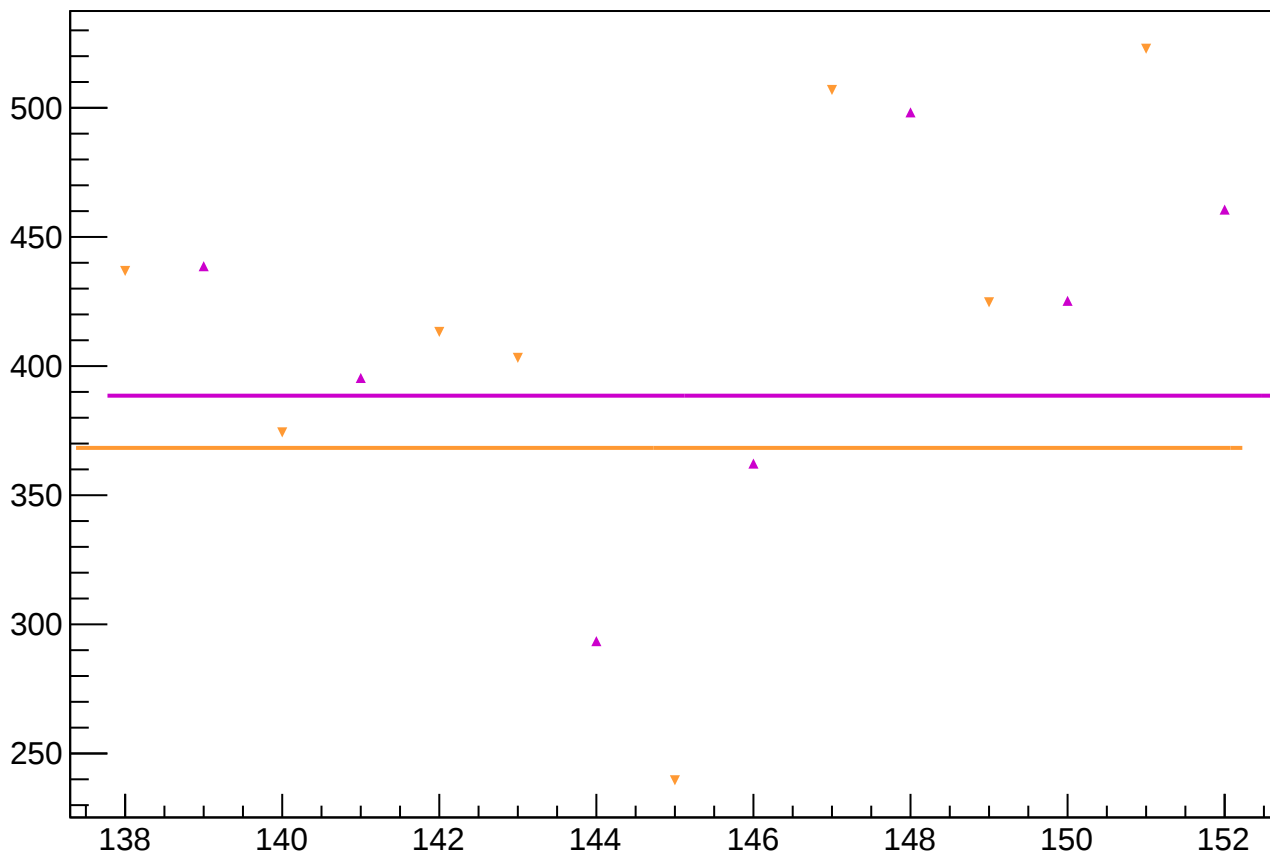
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 318.372+/-164.451 χ^2/NDF :12.8/6

Out: 125.421+/-157.573 χ^2/NDF :10.0/7

All: 217.778+/-113.775 χ^2/NDF : 23.5/14

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: 368.322+/-0.111 χ^2/NDF : 778042.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Left: 378.000+/-0.080 χ^2/NDF : 1125151.6/14

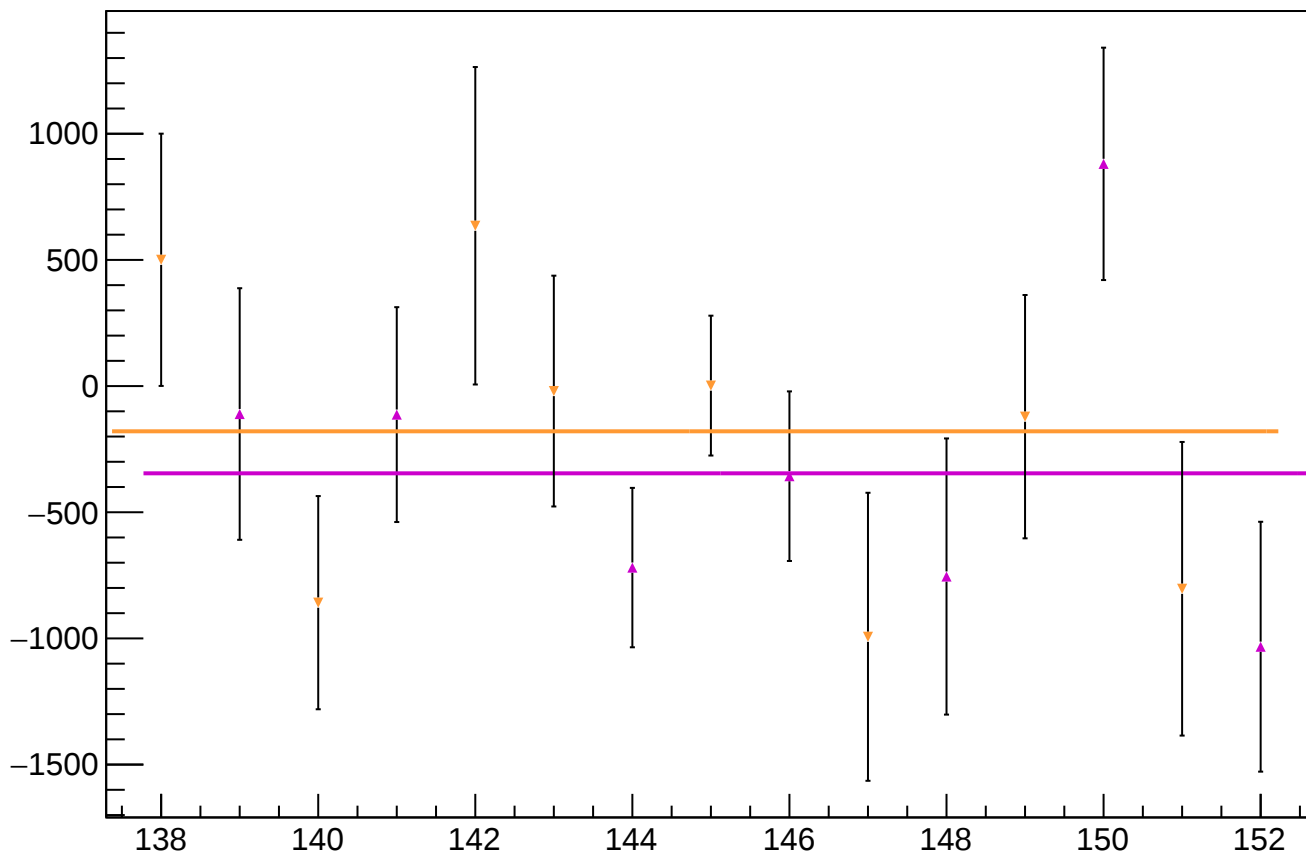
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Out: 368.322+/-0.111 χ^2/NDF : 778042.7/7

All: 378.000+/-0.080 χ^2/NDF : 1125151.6/14

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -179.219+/-157.601 χ^2/NDF : 9.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -345.726+/-157.031 χ^2/NDF : 11.5/6

Left: -262.774+/-111.239 χ^2/NDF : 21.9/14

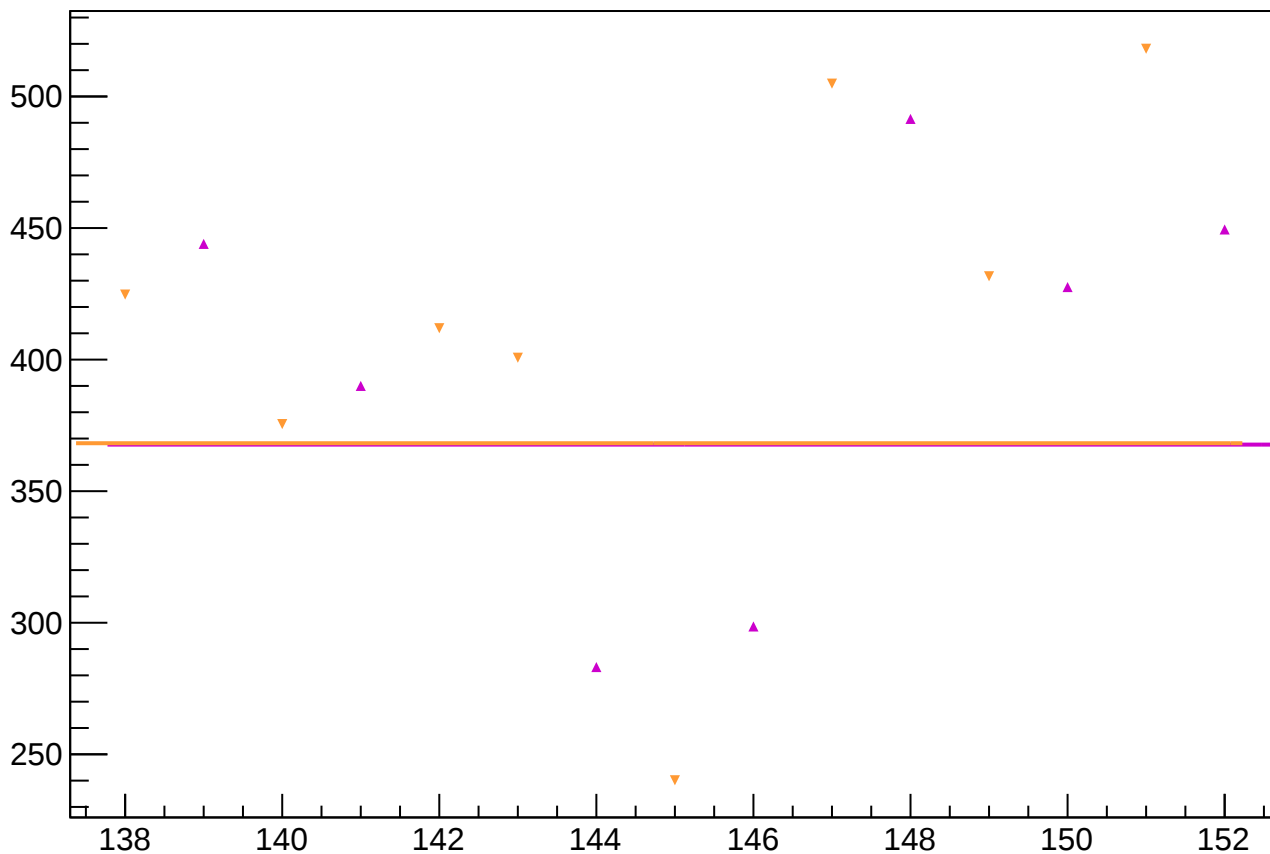
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -345.726+/-157.031 χ^2/NDF : 11.5/6

Out: -179.219+/-157.601 χ^2/NDF : 9.9/7

All: -262.774+/-111.239 χ^2/NDF : 21.9/14

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.223+/-0.111 χ^2/NDF :755283.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.699+/-0.111 χ^2/NDF :470851.2/6

Left: 367.960+/-0.079 χ^2/NDF : 1226145.3/14

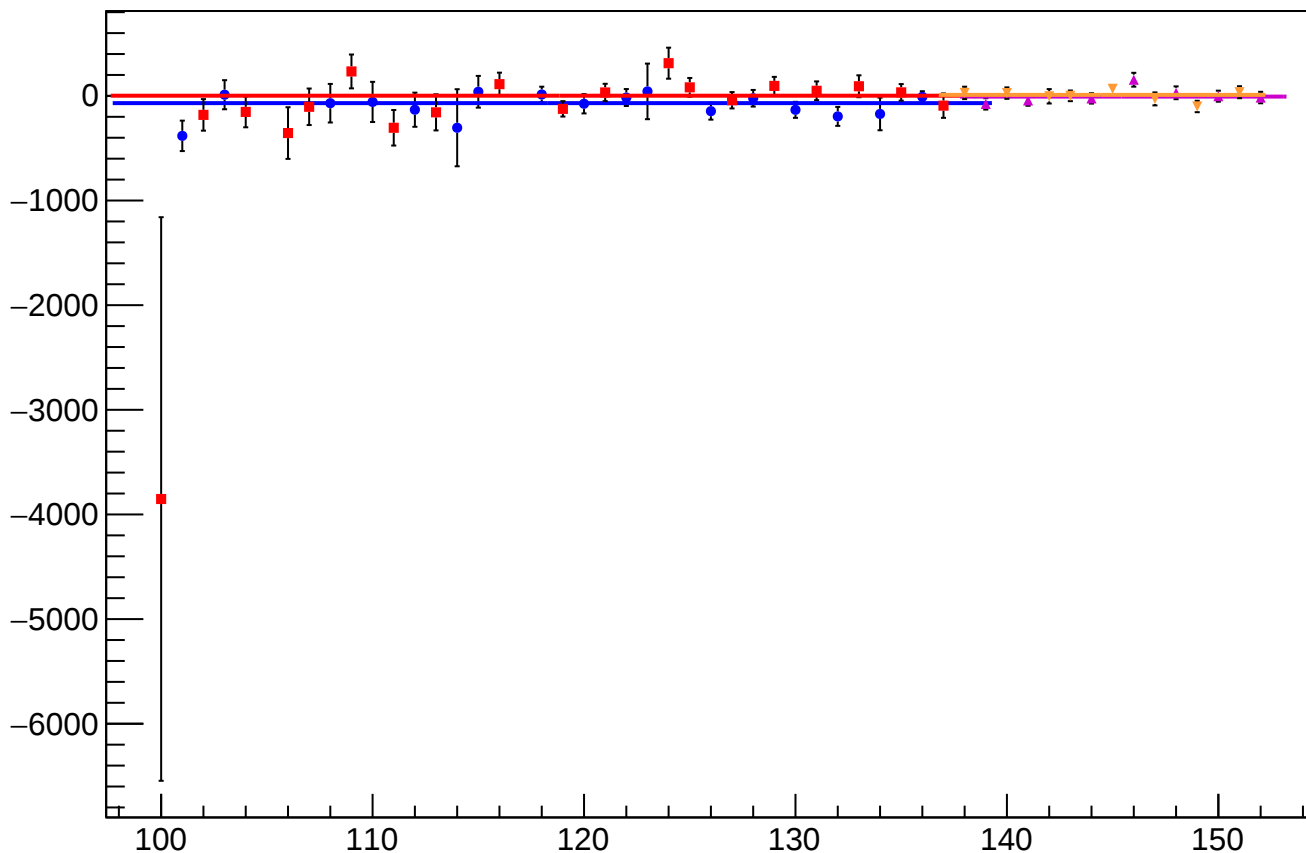
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.699+/-0.111 χ^2/NDF :470851.2/6

Out: 368.223+/-0.111 χ^2/NDF :755283.0/7

All: 367.960+/-0.079 χ^2/NDF : 1226145.3/14

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: 9.559 ± 19.244 χ^2/NDF : 7.0/7

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -6.762 ± 20.747 χ^2/NDF : 8.6/6

Left: 2.011 ± 14.109 χ^2/NDF : 15.9/14

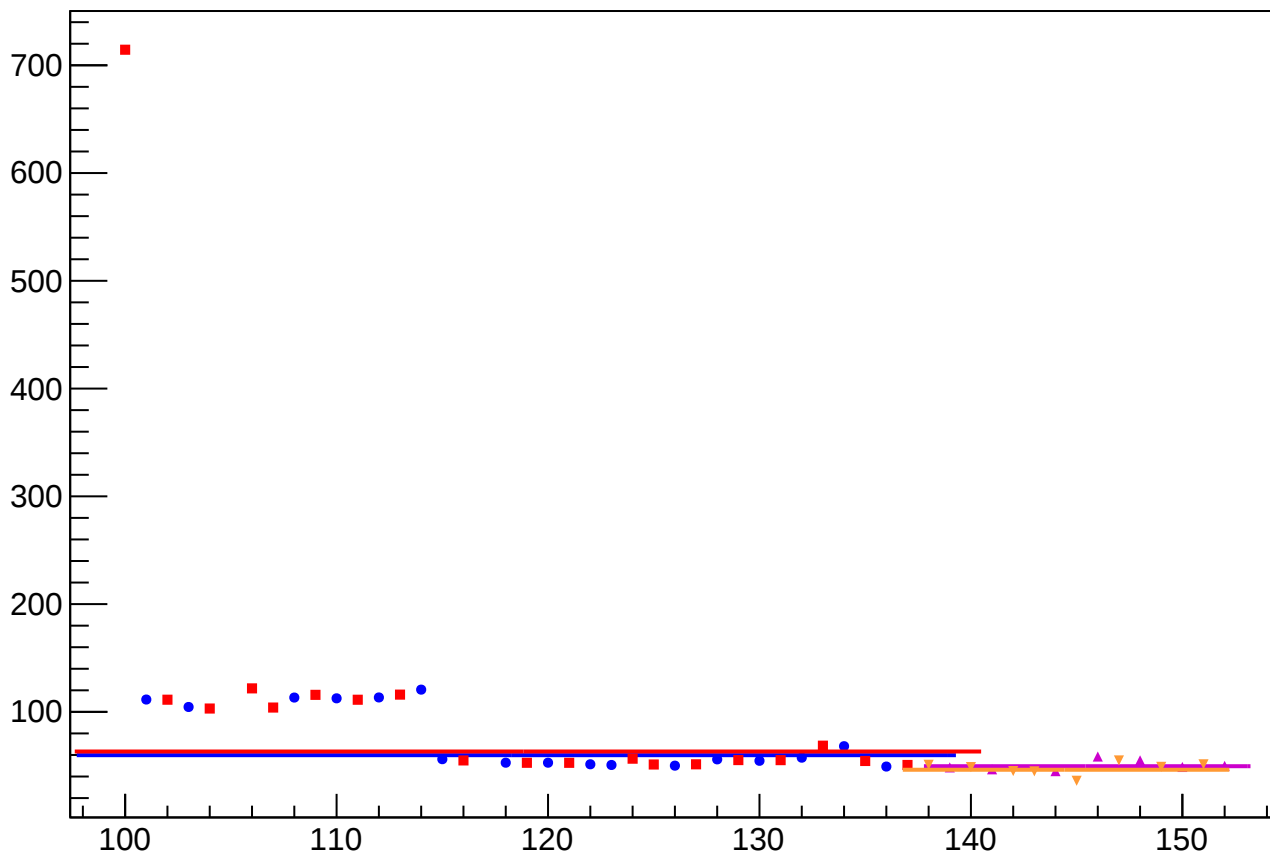
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -33.131 ± 15.767 χ^2/NDF : 25.9/23

Out: 6.679 ± 15.291 χ^2/NDF : 32.9/26

All: -12.616 ± 10.977 χ^2/NDF : 62.0/50

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 46.285 $\pm$ 0.014 χ^2 /NDF: 200427.0/7

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 49.578 $\pm$ 0.015 χ^2 /NDF: 77387.9/6

Left: 47.808 $\pm$ 0.010 χ^2 /NDF: 304905.9/14

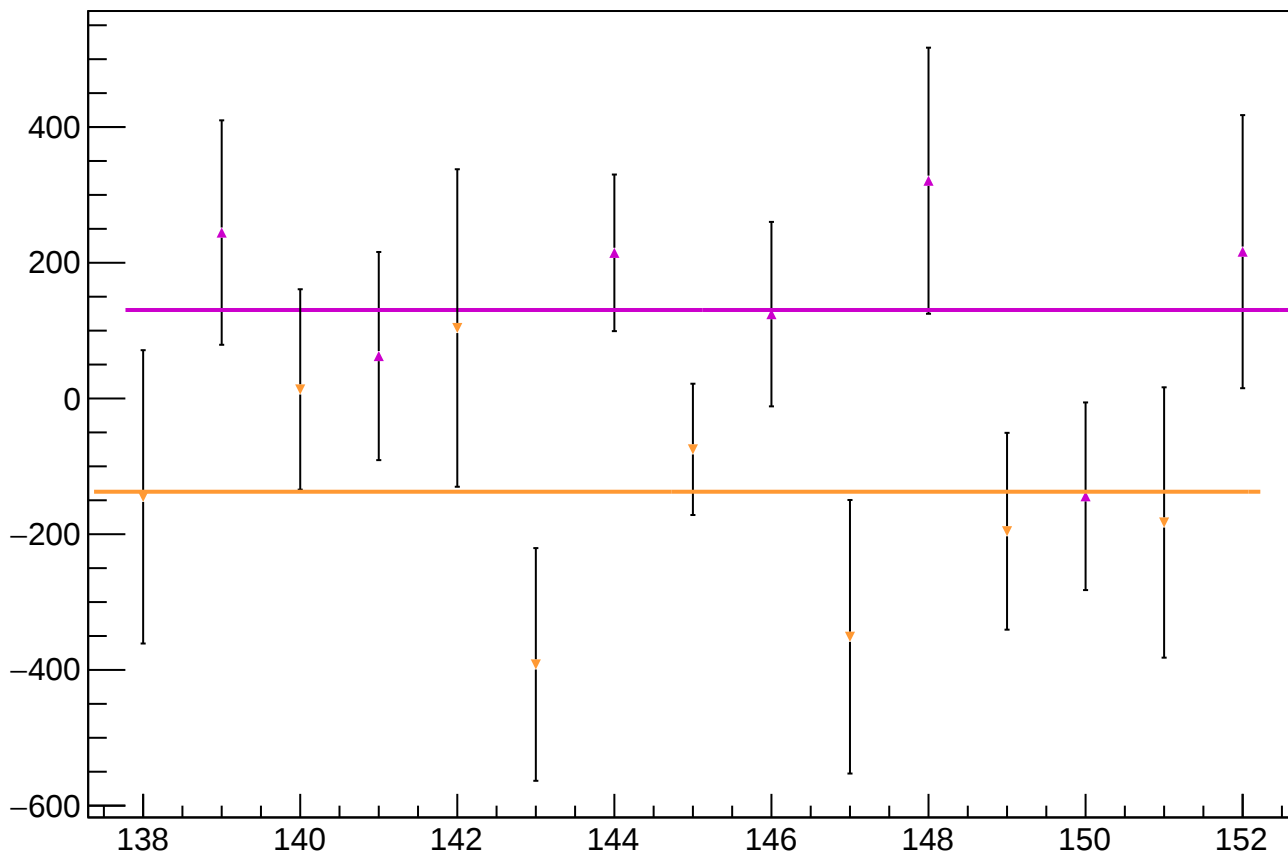
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 53.900 $\pm$ 0.011 χ^2 /NDF: 1512790.7/23

Out: 52.528 $\pm$ 0.011 χ^2 /NDF: 2275800.6/26

All: 53.193 $\pm$ 0.008 χ^2 /NDF: 3796387.4/50

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: -137.396+/-55.573 χ^2/NDF : 6.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.413+/-56.673 χ^2/NDF : 6.3/6

Left: -6.116+/-39.679 χ^2/NDF : 23.7/14

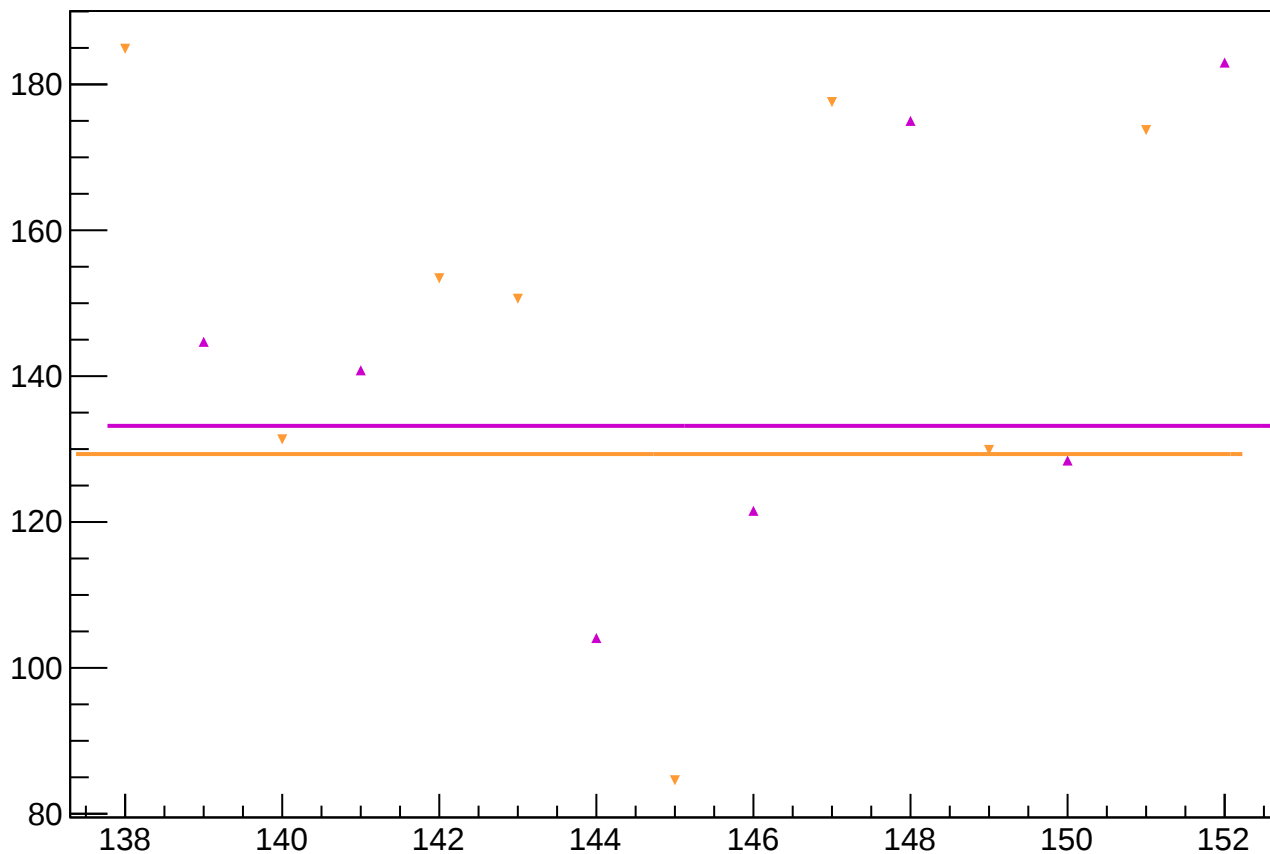
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.413+/-56.673 χ^2/NDF : 6.3/6

Out: -137.396+/-55.573 χ^2/NDF : 6.1/7

All: -6.116+/-39.679 χ^2/NDF : 23.7/14

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: 129.318+/-0.039 χ^2/NDF :826406.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Left: 131.213+/-0.028 χ^2/NDF : 1203446.2/14

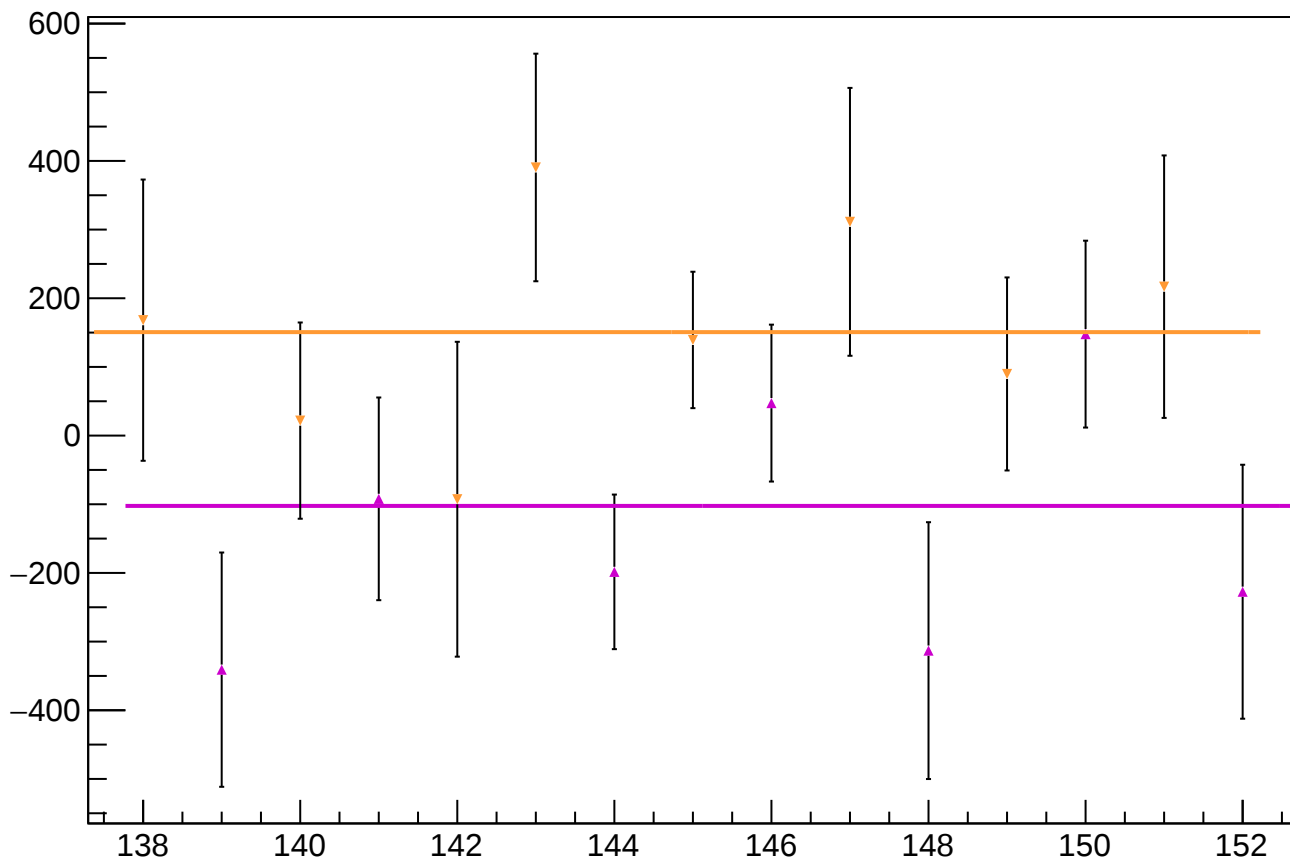
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Out: 129.318+/-0.039 χ^2/NDF :826406.0/7

All: 131.213+/-0.028 χ^2/NDF : 1203446.2/14

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 150.684+/-54.726 χ^2/NDF : 5.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Left: 21.584+/-38.304 χ^2/NDF : 25.5/14

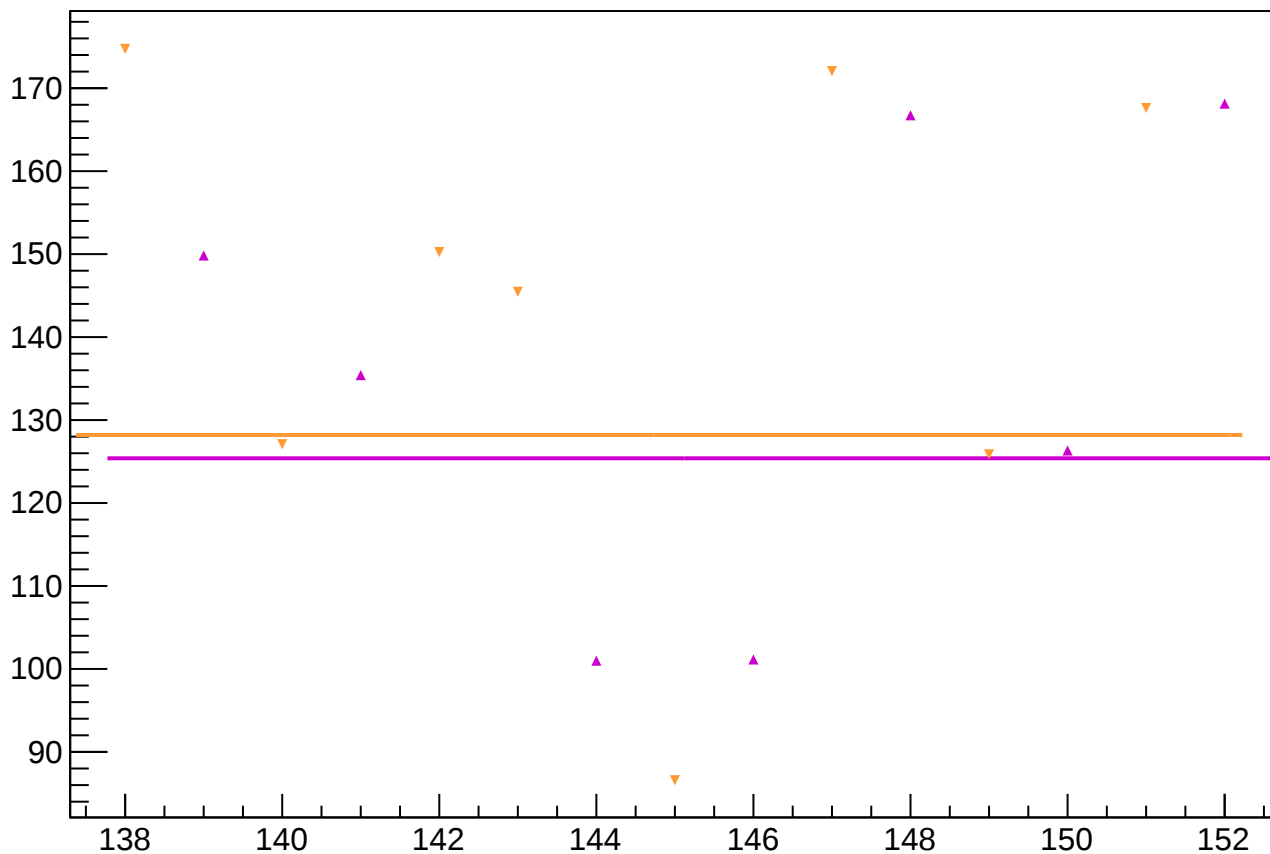
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Out: 150.684+/-54.726 χ^2/NDF : 5.0/7

All: 21.584+/-38.304 χ^2/NDF : 25.5/14

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.198+/-0.039 χ^2/NDF :681404.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 125.389+/-0.038 χ^2/NDF :439072.7/6

Left: 126.765+/-0.027 χ^2/NDF : 1123164.9/14

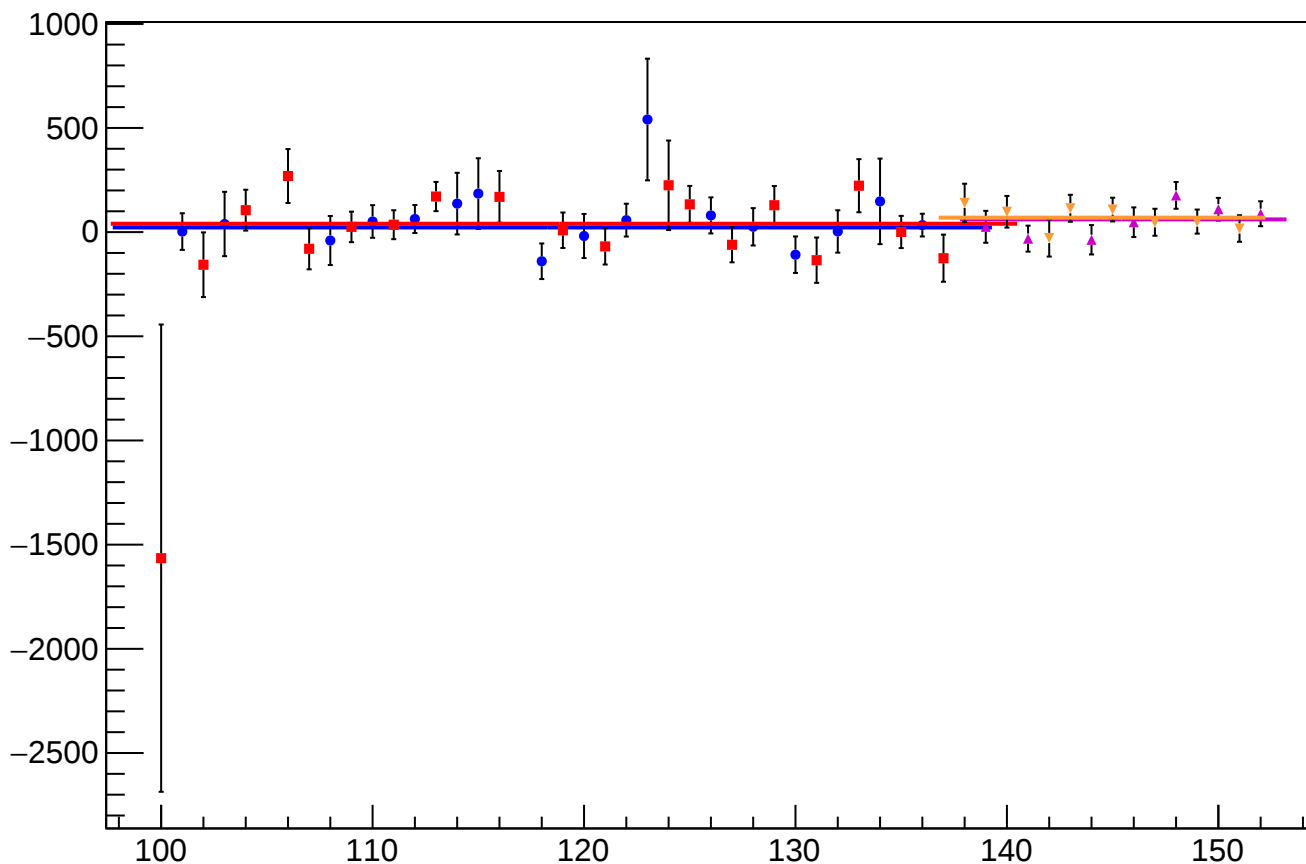
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 125.389+/-0.038 χ^2/NDF :439072.7/6

Out: 128.198+/-0.039 χ^2/NDF :681404.2/7

All: 126.765+/-0.027 χ^2/NDF : 1123164.9/14

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: 69.379 $\pm$ 23.912 χ^2 /NDF:3.8/7

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 61.054 $\pm$ 24.347 χ^2 /NDF:8.6/6

Left: 65.292 $\pm$ 17.060 χ^2 /NDF: 12.4/14

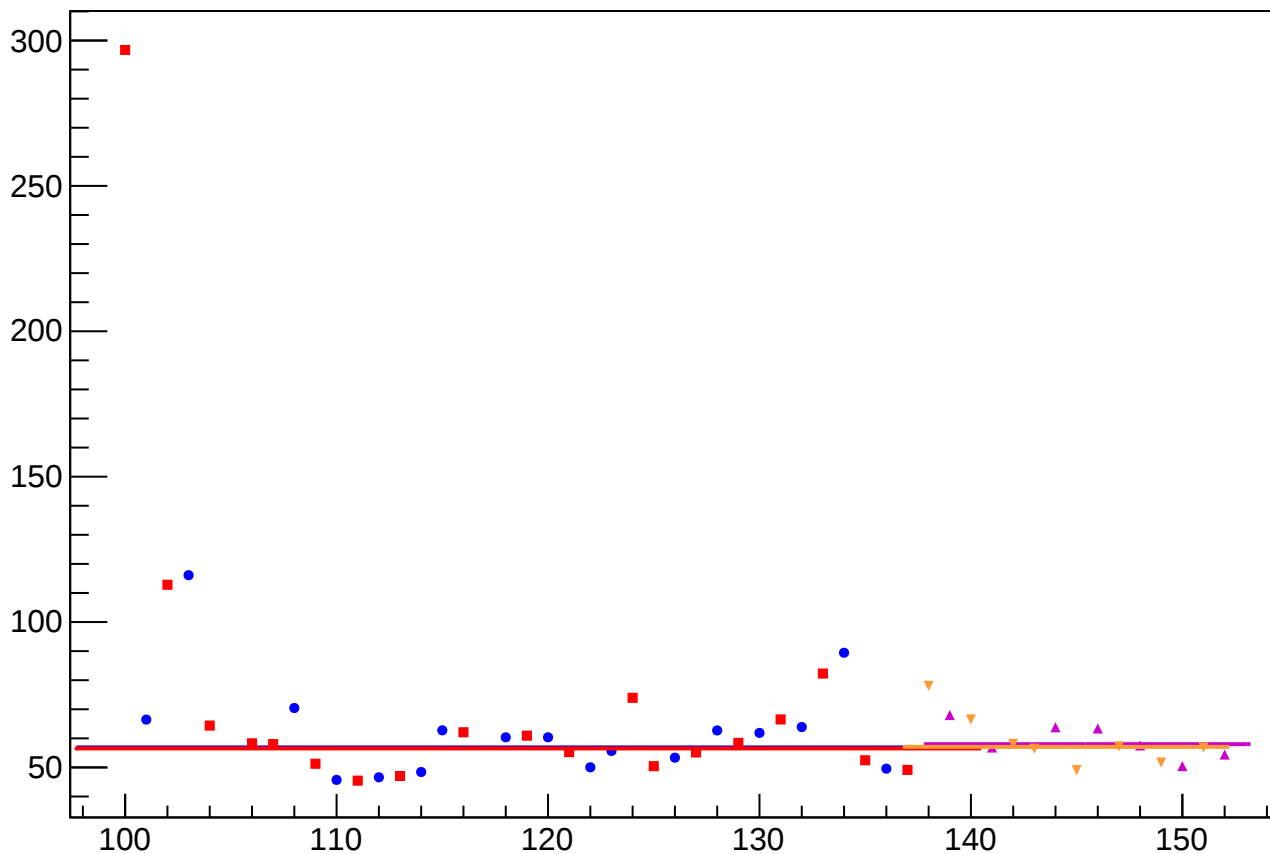
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 40.291 $\pm$ 16.574 χ^2 /NDF:22.6/23

Out: 53.686 $\pm$ 16.243 χ^2 /NDF:30.8/26

All: 47.123 $\pm$ 11.601 χ^2 /NDF: 53.7/50

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: 57.072 $\pm$ 0.017 χ^2 /NDF: 192333.0/7

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 57.992 $\pm$ 0.017 χ^2 /NDF: 105849.2/6

Left: 57.524 $\pm$ 0.012 χ^2 /NDF: 299637.3/14

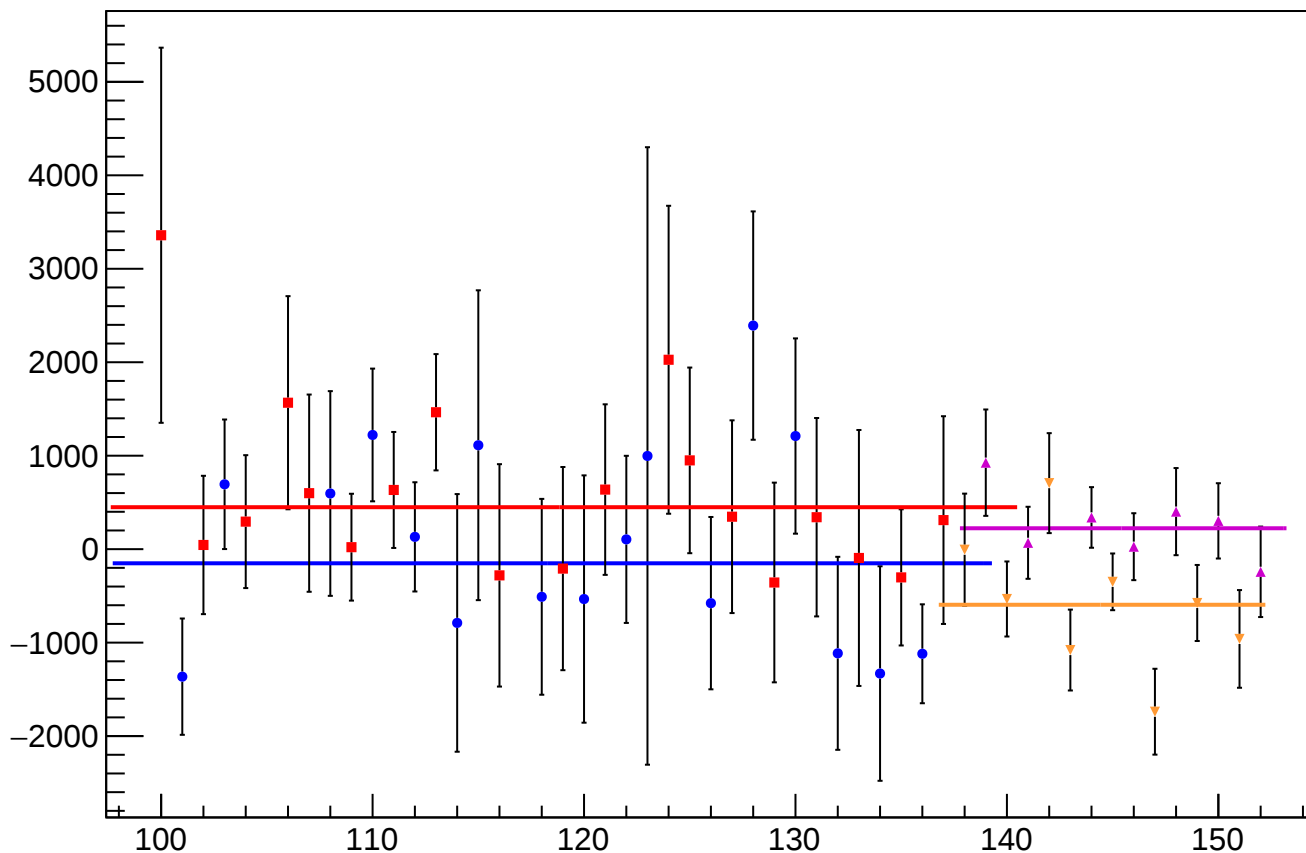
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.395 $\pm$ 0.012 χ^2 /NDF: 683580.9/23

Out: 56.779 $\pm$ 0.011 χ^2 /NDF: 805164.4/26

All: 57.080 $\pm$ 0.008 χ^2 /NDF: 1490154.7/50

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -594.936 $\pm$ 152.273 χ^2 /NDF:15.5/7

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 223.592 $\pm$ 153.989 χ^2 /NDF:3.2/6

Left: -190.257 $\pm$ 108.275 χ^2 /NDF: 33.0/14

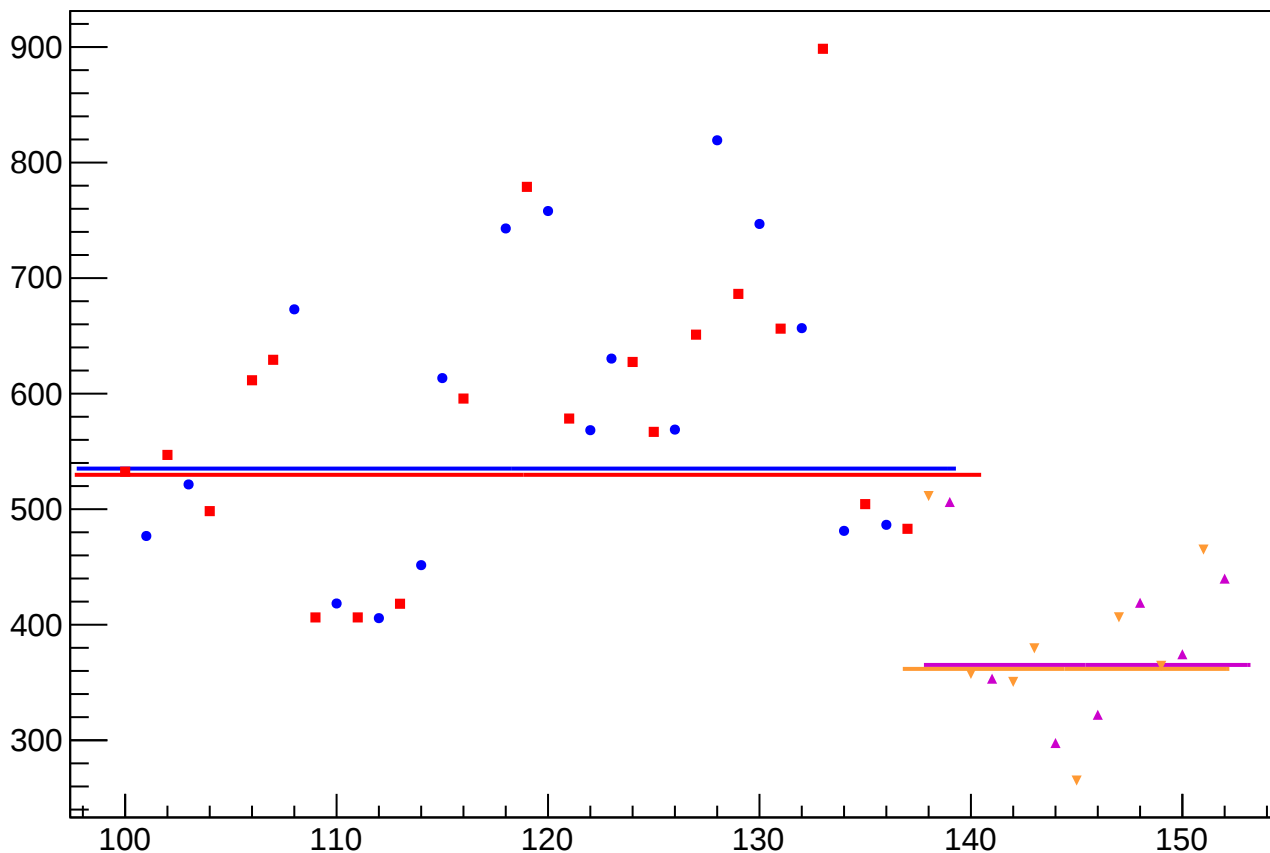
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 94.506 $\pm$ 124.681 χ^2 /NDF:27.7/23

Out: -221.430 $\pm$ 122.027 χ^2 /NDF:42.9/26

All: -66.860 $\pm$ 87.209 χ^2 /NDF: 73.8/50

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: 361.766 $\pm$ 0.108 χ^2 /NDF: 428794.2/7

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 365.197 $\pm$ 0.109 χ^2 /NDF: 316012.0/6

Left: 363.462 $\pm$ 0.077 χ^2 /NDF: 745308.1/14

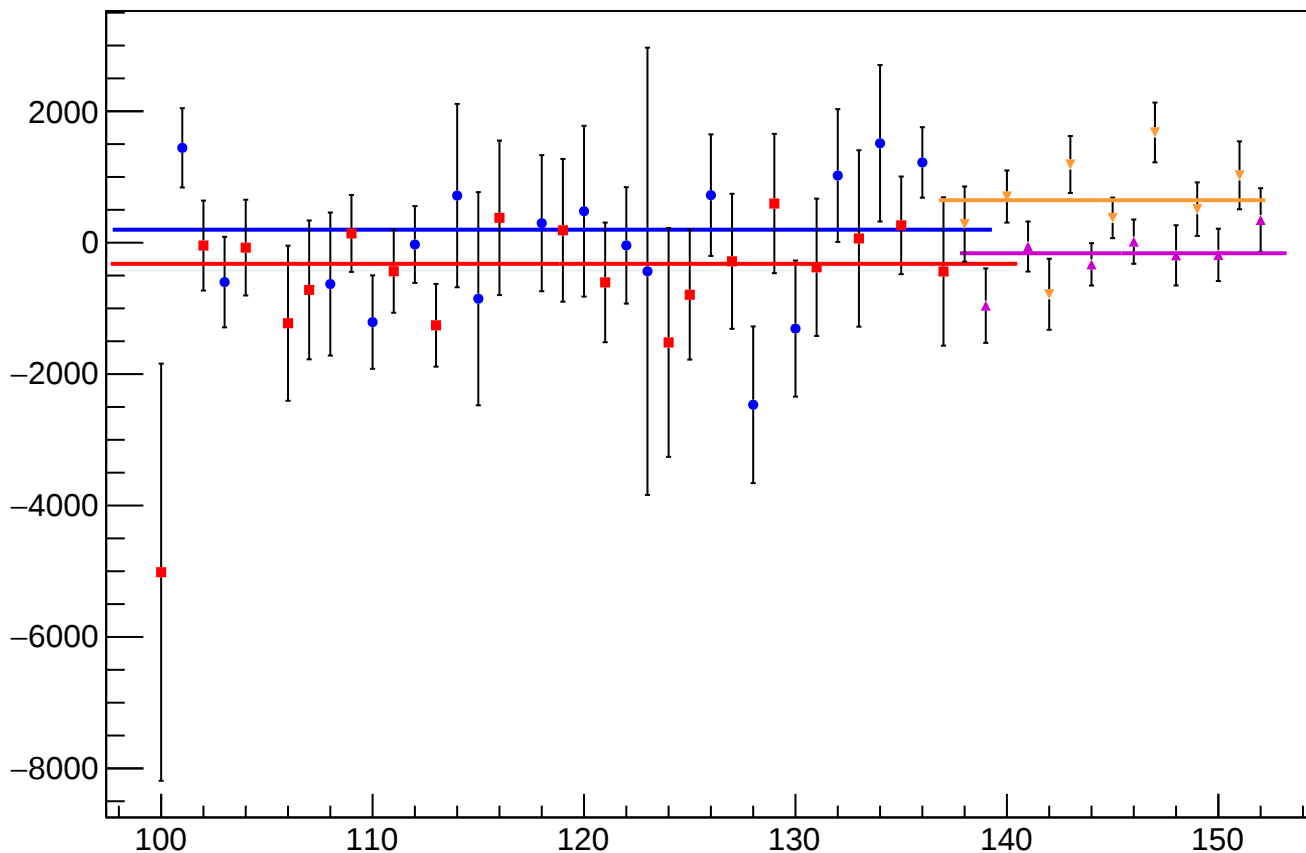
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 423.729 $\pm$ 0.088 χ^2 /NDF: 1751060.0/23

Out: 421.872 $\pm$ 0.086 χ^2 /NDF: 1946413.4/26

All: 422.780 $\pm$ 0.062 χ^2 /NDF: 3697699.9/50

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 646.290 $\pm$ 152.076 χ^2 /NDF:15.6/7

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -160.765 $\pm$ 151.131 χ^2 /NDF:3.7/6

Left: 240.249 $\pm$ 107.198 χ^2 /NDF: 33.4/14

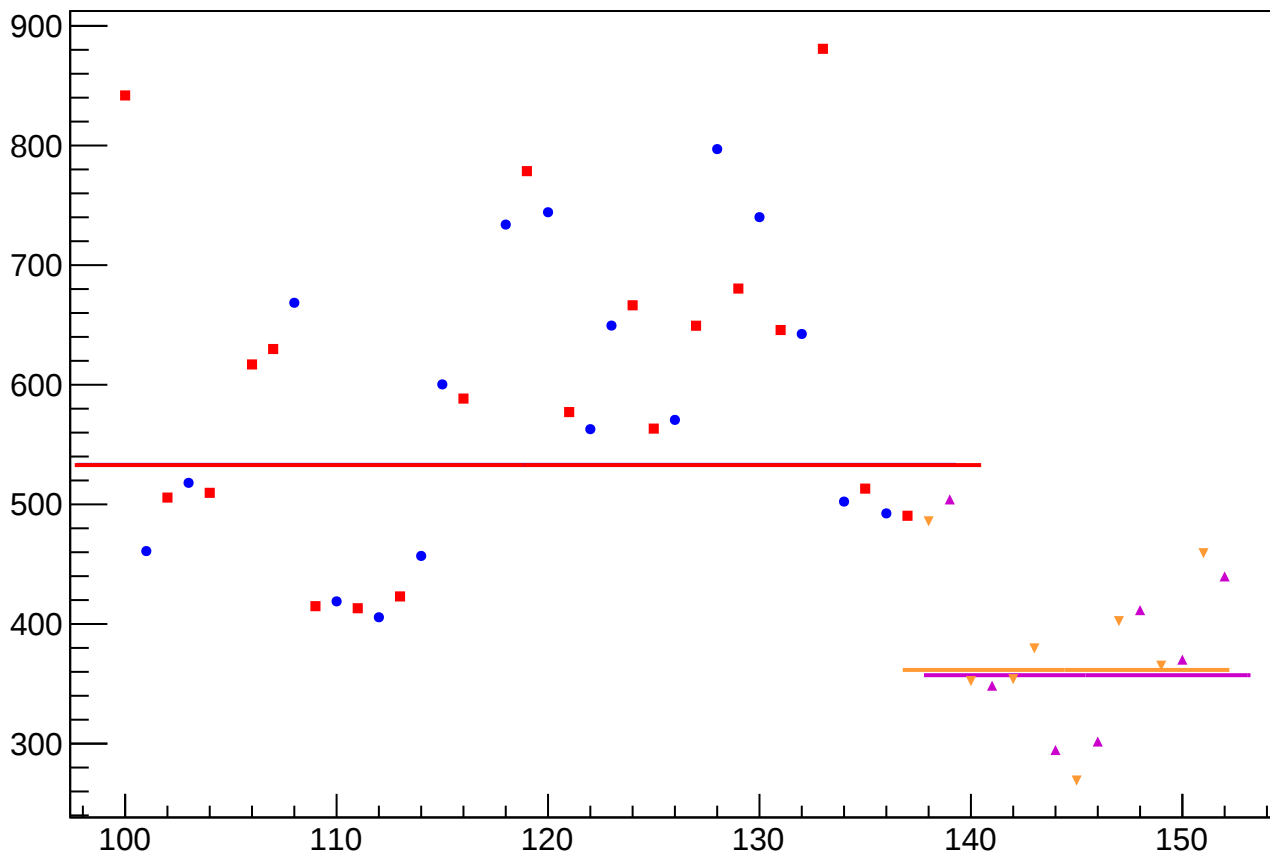
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -39.630 $\pm$ 122.960 χ^2 /NDF:29.5/23

Out: 303.312 $\pm$ 122.194 χ^2 /NDF:38.8/26

All: 132.912 $\pm$ 86.674 χ^2 /NDF: 72.3/50

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 361.611+/-0.108 χ^2/NDF : 365912.2/7

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 357.209+/-0.107 χ^2/NDF : 353565.7/6

Left: 359.396+/-0.076 χ^2/NDF : 720321.2/14

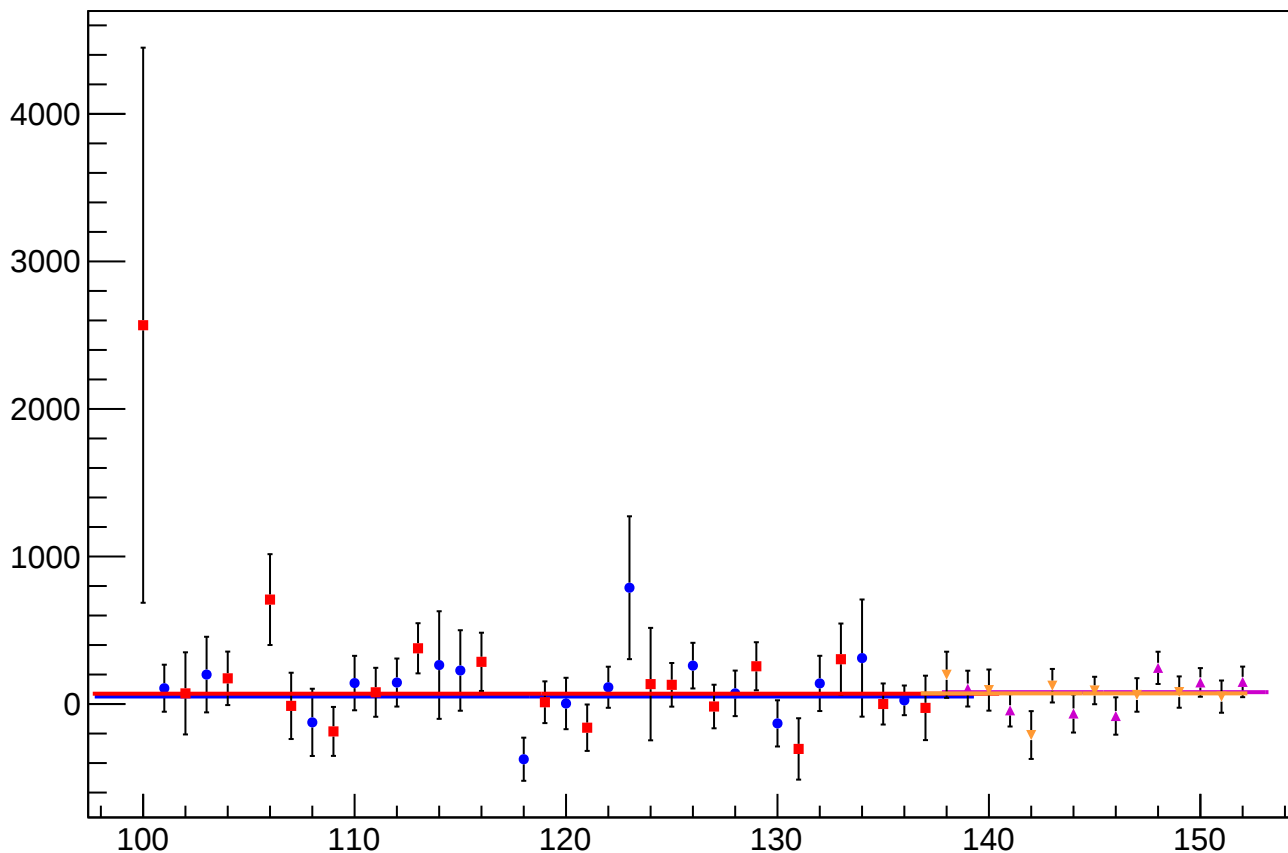
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 416.647+/-0.087 χ^2/NDF : 1835504.2/23

Out: 422.295+/-0.086 χ^2/NDF : 1881546.1/26

All: 419.489+/-0.061 χ^2/NDF : 3719173.8/50

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 72.159+/-41.764 χ^2/NDF : 4.0/7

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 80.504+/-42.398 χ^2/NDF : 7.4/6

Left: 76.268+/-29.753 χ^2/NDF : 11.4/14

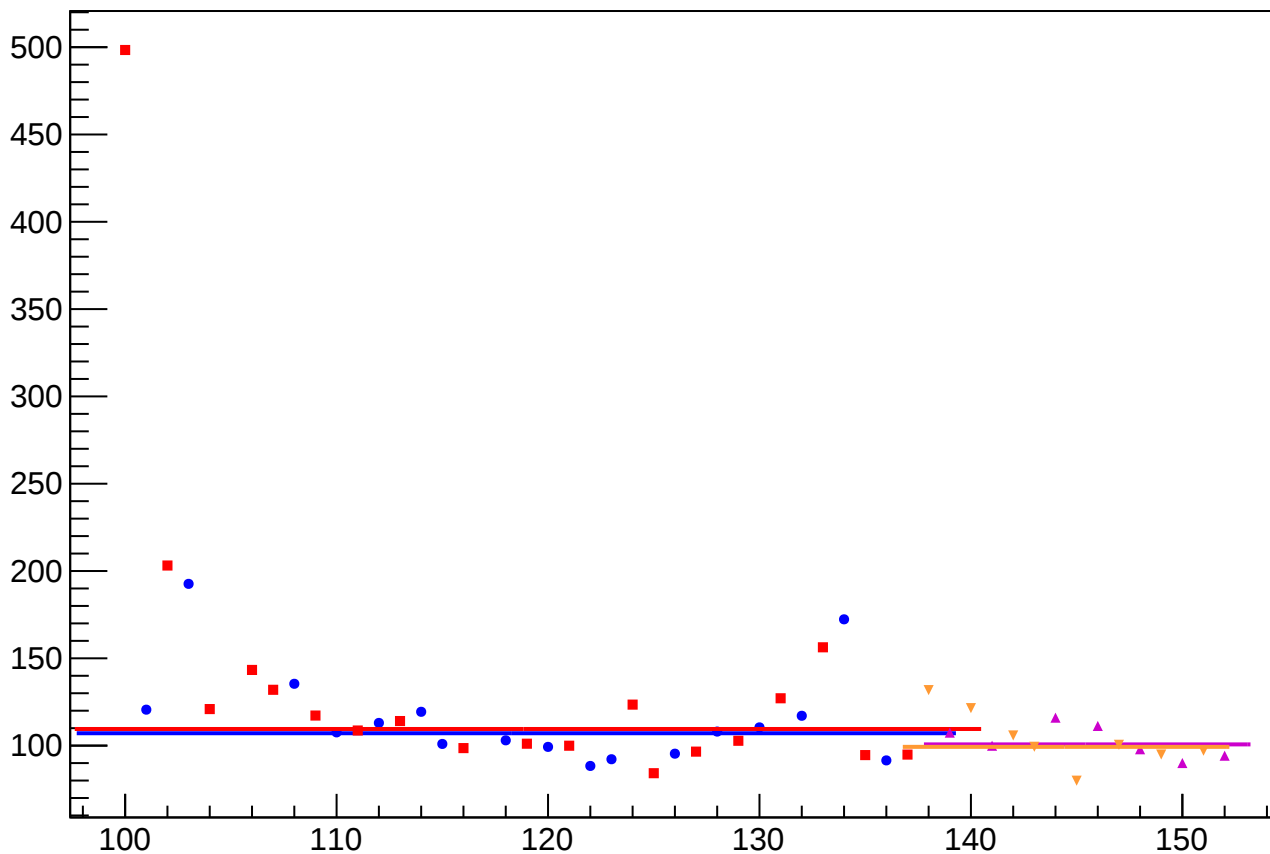
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 65.841+/-29.986 χ^2/NDF : 25.0/23

Out: 71.141+/-29.888 χ^2/NDF : 26.2/26

All: 68.499+/-21.169 χ^2/NDF : 51.2/50

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 99.297 $\pm$ 0.030 χ^2 /NDF: 231389.3/7

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 100.704 $\pm$ 0.030 χ^2 /NDF: 81580.0/6

Left: 99.990 $\pm$ 0.021 χ^2 /NDF: 314087.1/14

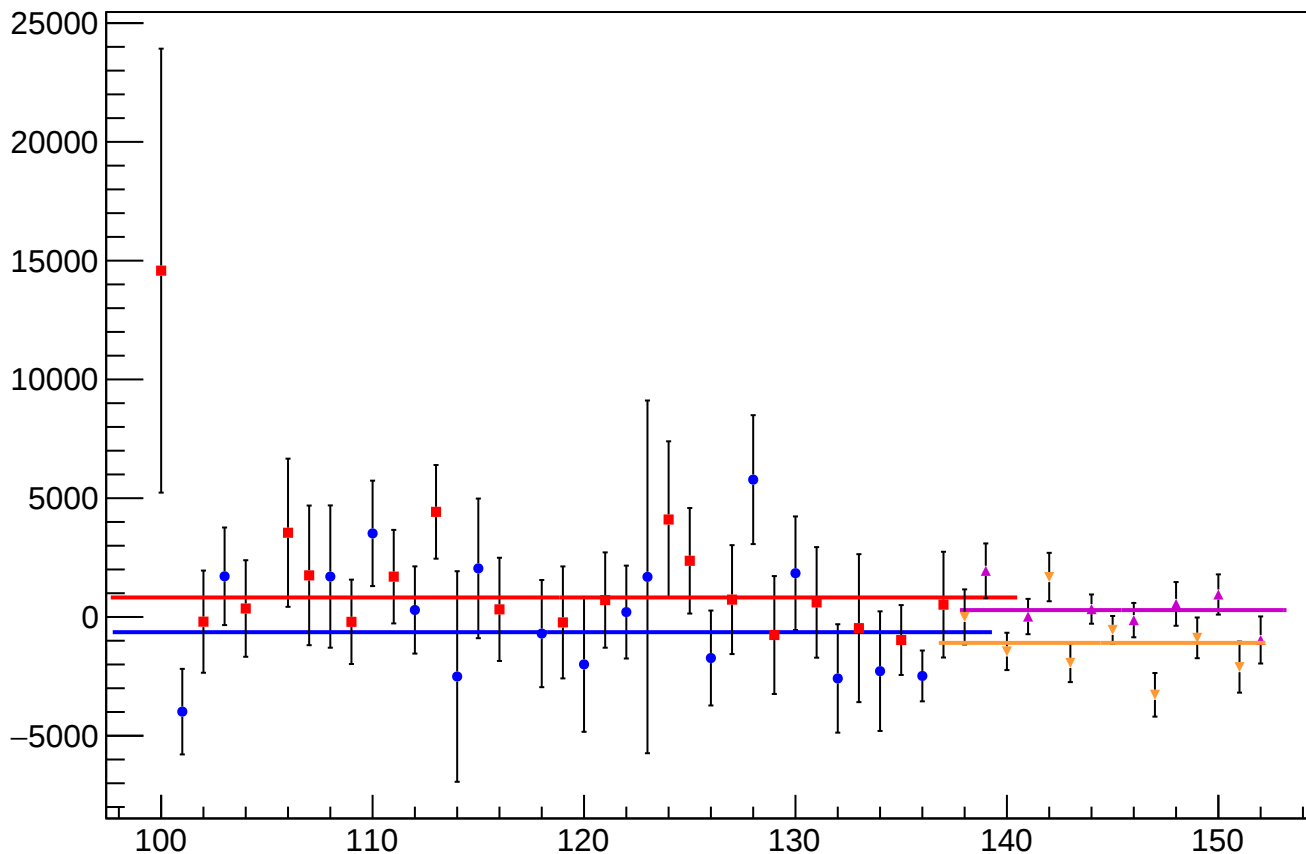
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 103.897 $\pm$ 0.021 χ^2 /NDF: 542039.2/23

Out: 104.289 $\pm$ 0.021 χ^2 /NDF: 881493.4/26

All: 104.094 $\pm$ 0.015 χ^2 /NDF: 1423704.0/50

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1089.583+/-299.230 χ^2/NDF : 17.1/7

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 289.865+/-305.686 χ^2/NDF : 4.8/6

Left: -414.581+/-213.834 χ^2/NDF : 32.3/14

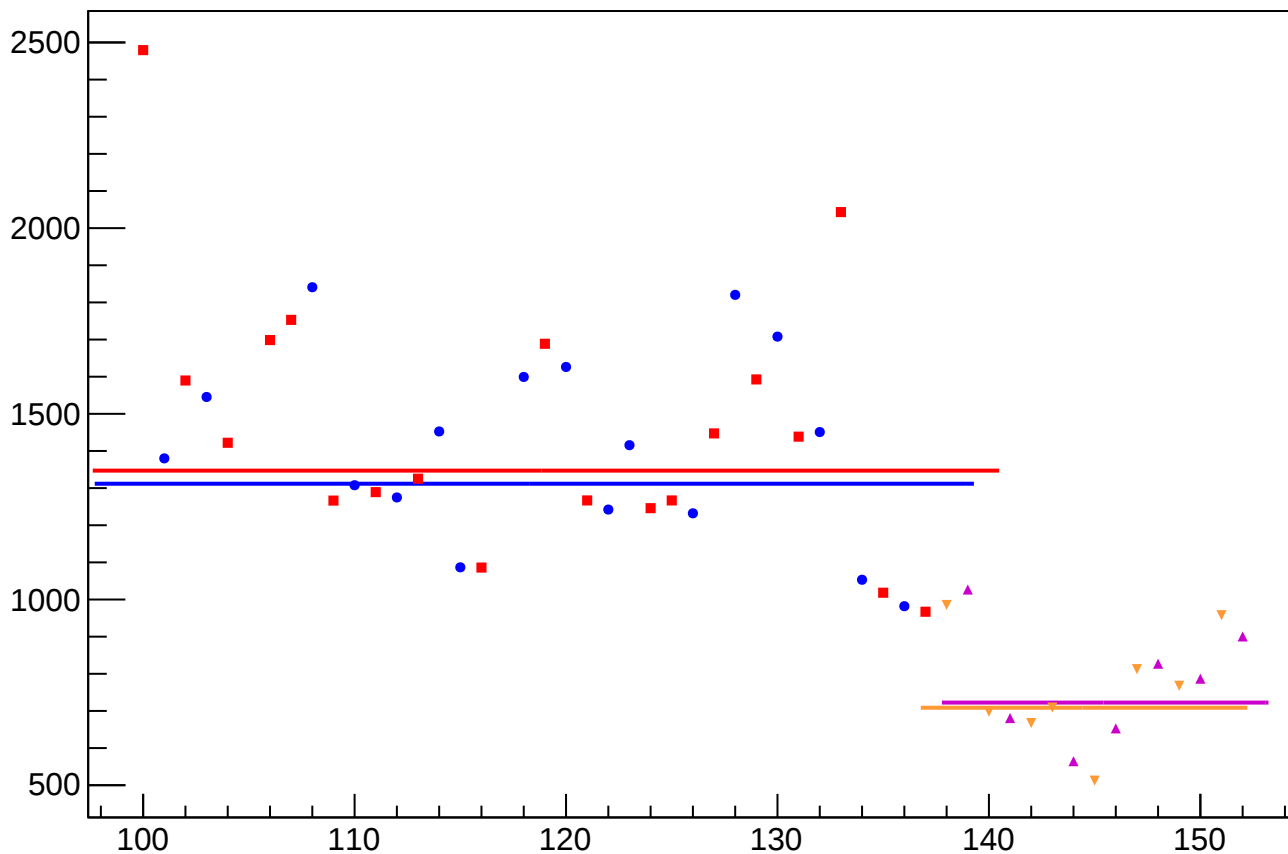
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 50.578+/-263.427 χ^2/NDF : 29.0/23

Out: -608.181+/-258.811 χ^2/NDF : 38.3/26

All: -284.623+/-184.618 χ^2/NDF : 70.5/50

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 708.619 $\pm$ 0.212 χ^2 /NDF: 483780.9/7

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 722.495 $\pm$ 0.216 χ^2 /NDF: 397565.5/6

Left: 715.409 $\pm$ 0.151 χ^2 /NDF: 883451.0/14

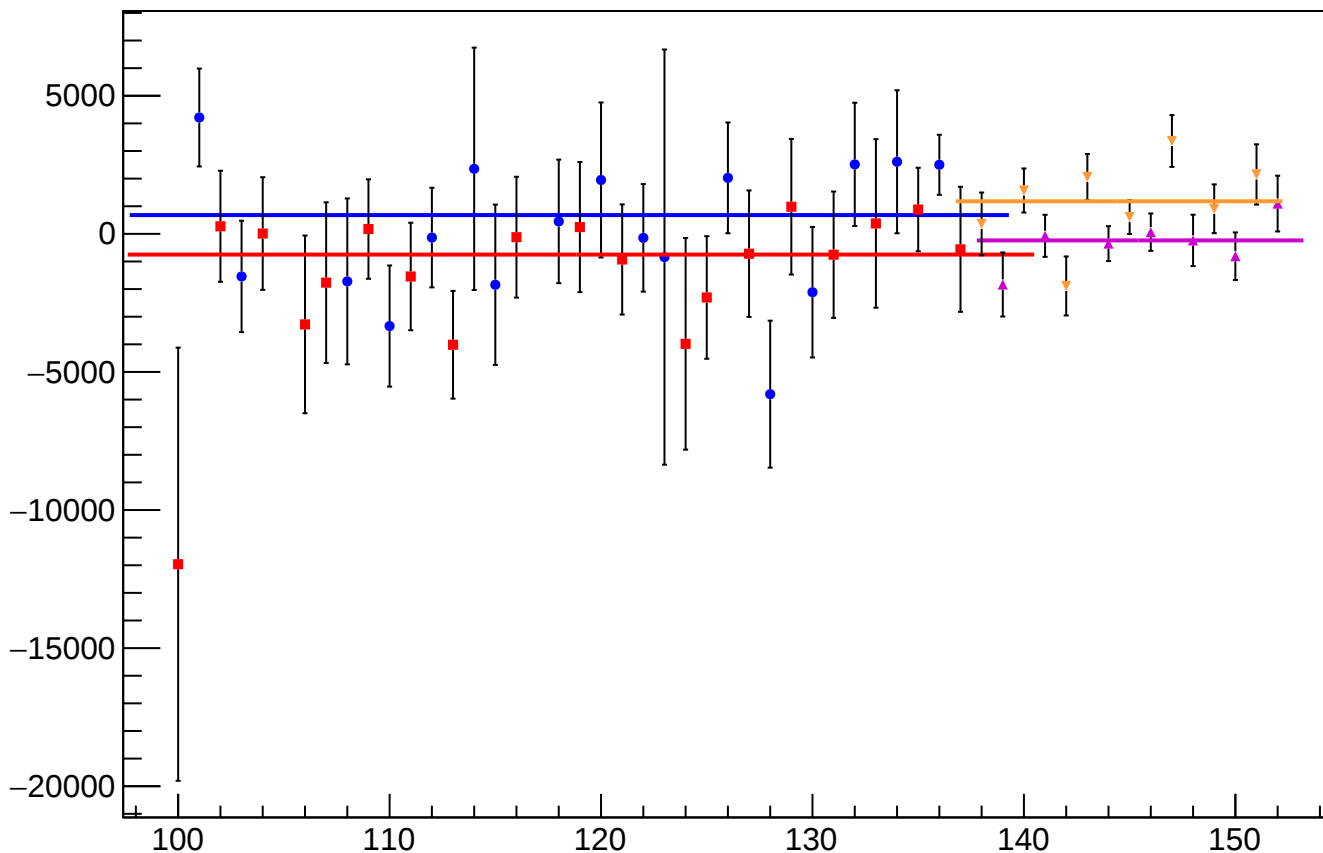
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 874.168 $\pm$ 0.186 χ^2 /NDF: 2823265.6/23

Out: 869.459 $\pm$ 0.183 χ^2 /NDF: 3268142.0/26

All: 871.772 $\pm$ 0.131 χ^2 /NDF: 6091732.8/50

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1179.612 $\pm$ 307.442 χ^2 /NDF:17.3/7

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -237.246 $\pm$ 306.480 χ^2 /NDF:4.4/6

Left: 468.961 $\pm$ 217.053 χ^2 /NDF: 32.3/14

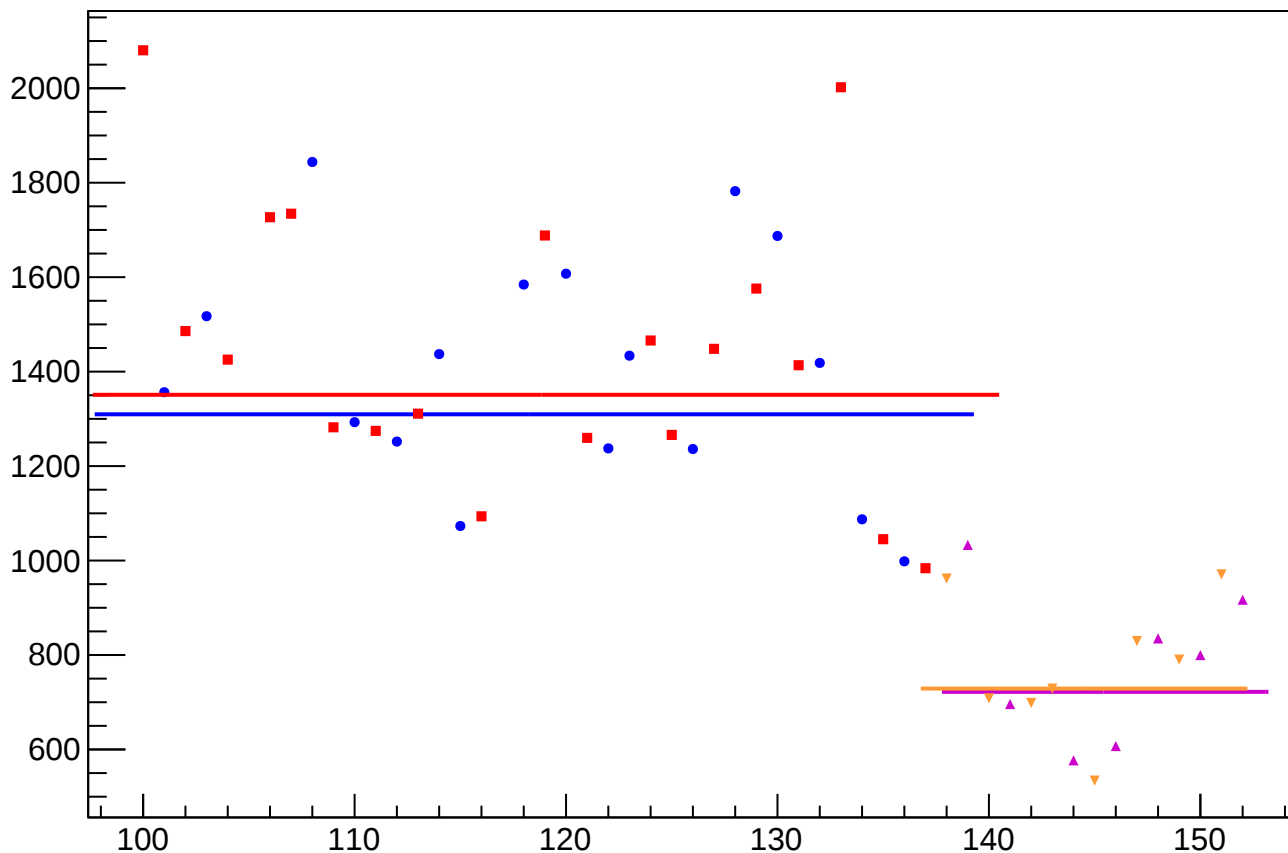
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 0.905 $\pm$ 263.705 χ^2 /NDF:29.2/23

Out: 674.428 $\pm$ 264.142 χ^2 /NDF:37.3/26

All: 337.108 $\pm$ 186.622 χ^2 /NDF: 69.8/50

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 728.966 $\pm$ 0.217 χ^2 /NDF: 419702.3/7

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 722.001 $\pm$ 0.217 χ^2 /NDF: 429867.5/6

Left: 725.473 $\pm$ 0.153 χ^2 /NDF: 850084.7/14

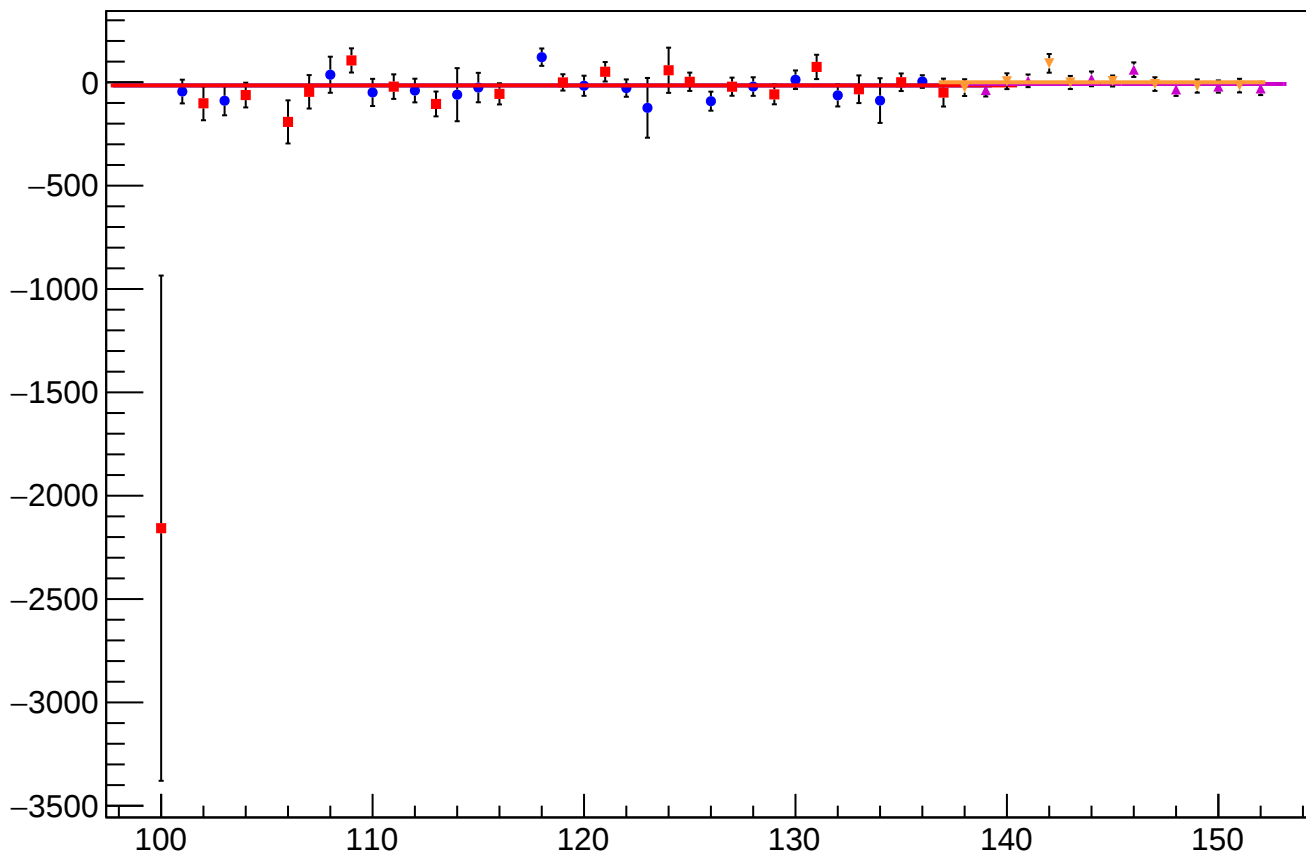
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 874.590 $\pm$ 0.186 χ^2 /NDF: 2798465.2/23

Out: 891.827 $\pm$ 0.187 χ^2 /NDF: 2985772.9/26

All: 883.194 $\pm$ 0.132 χ^2 /NDF: 5788503.7/50

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: 0.091 ± 11.949 χ^2/NDF : 5.2/7

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -8.087 ± 12.124 χ^2/NDF : 6.8/6

Left: -3.938 ± 8.510 χ^2/NDF : 12.2/14

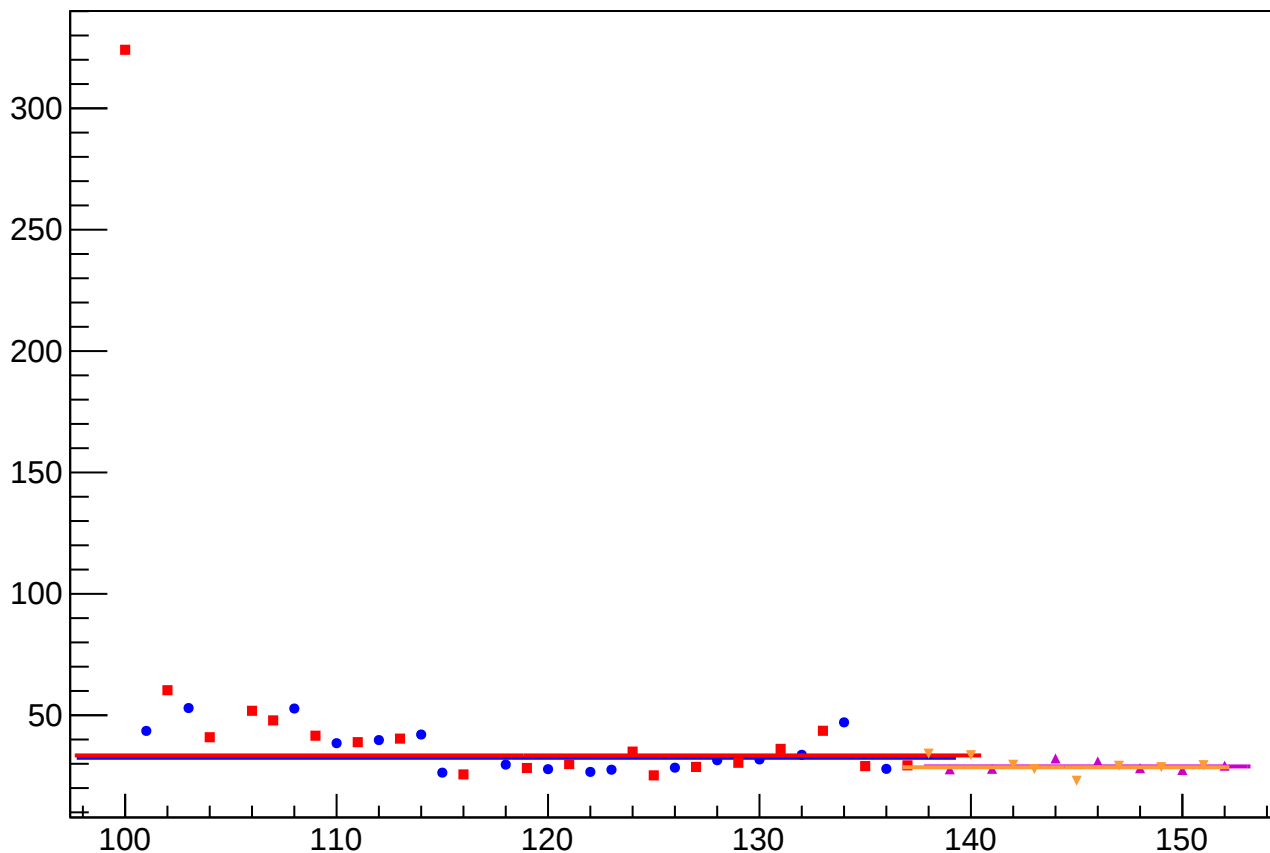
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -11.459 ± 8.837 χ^2/NDF : 25.3/23

Out: -6.803 ± 8.827 χ^2/NDF : 27.2/26

All: -9.128 ± 6.245 χ^2/NDF : 52.6/50

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: 28.576 $\pm$ 0.008 χ^2 /NDF: 163513.2/7

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 28.909 $\pm$ 0.009 χ^2 /NDF: 34880.3/6

Left: 28.740 $\pm$ 0.006 χ^2 /NDF: 199157.5/14

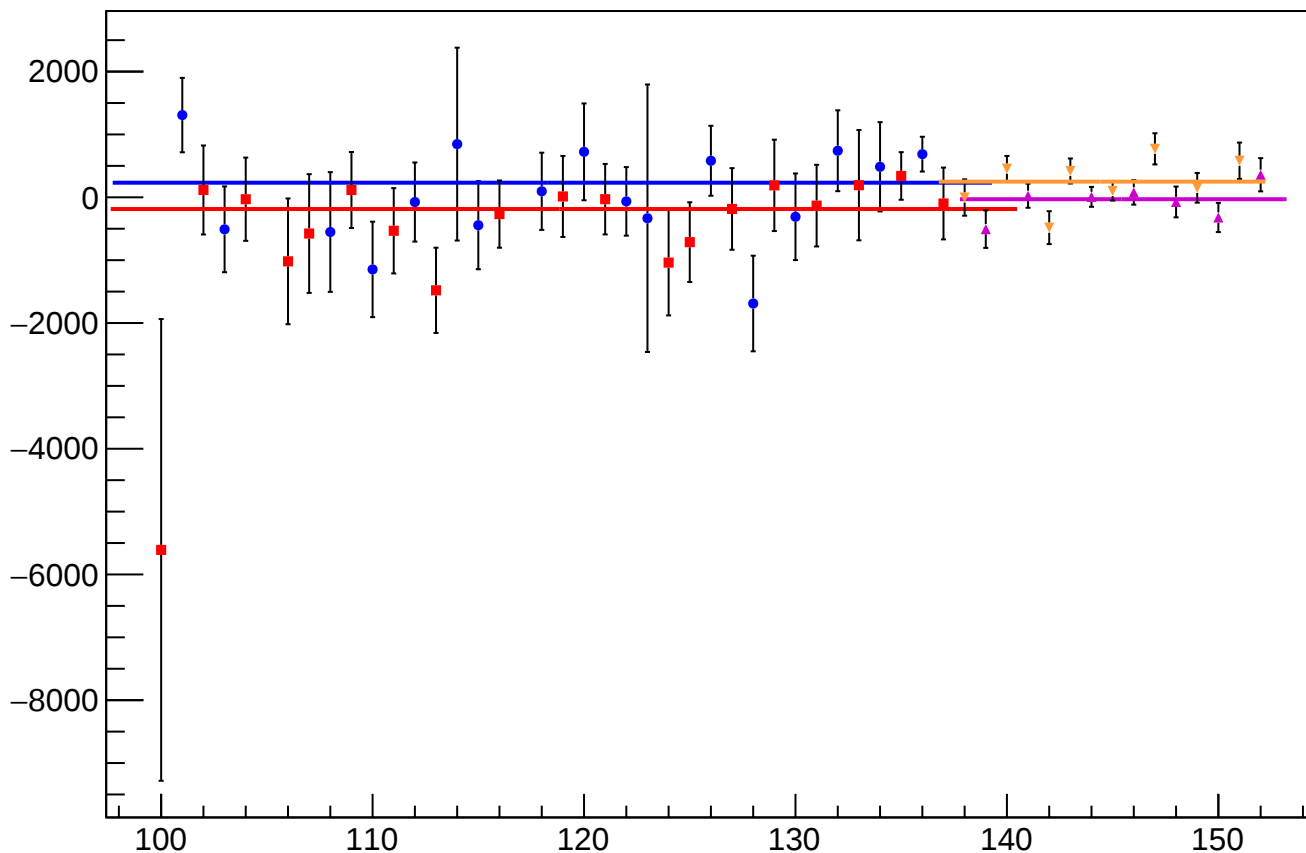
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 30.587 $\pm$ 0.006 χ^2 /NDF: 711126.0/23

Out: 30.788 $\pm$ 0.006 χ^2 /NDF: 1152688.9/26

All: 30.687 $\pm$ 0.004 χ^2 /NDF: 1864330.8/50

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: 249.232 $\pm$ 77.890 χ^2 /NDF:17.2/7

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -30.366 $\pm$ 80.487 χ^2 /NDF:6.8/6

Left: 114.017 $\pm$ 55.972 χ^2 /NDF: 30.2/14

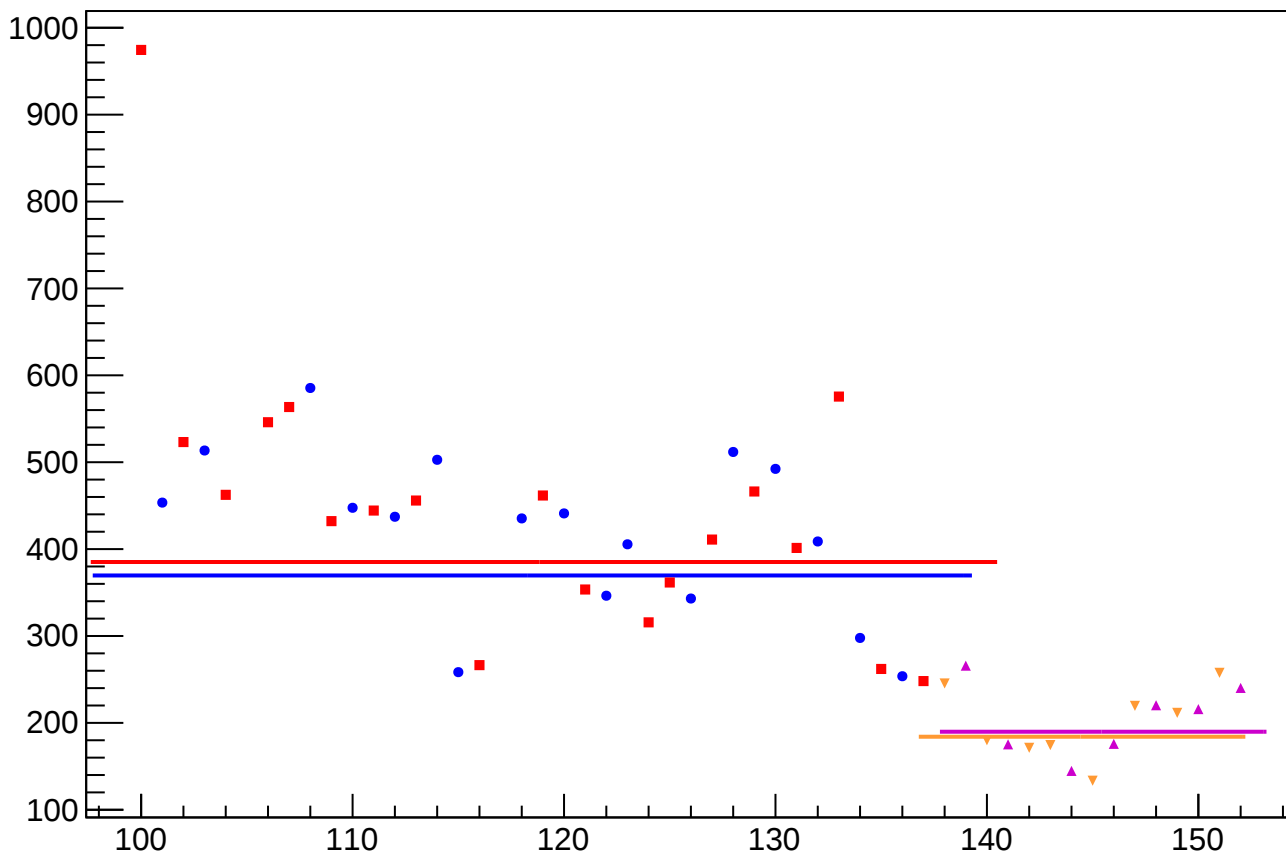
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 29.216 $\pm$ 70.773 χ^2 /NDF:30.6/23

Out: 156.640 $\pm$ 69.114 χ^2 /NDF:35.6/26

All: 94.439 $\pm$ 49.447 χ^2 /NDF: 67.9/50

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: 184.067+/-0.055 χ^2/NDF : 515890.6/7

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 189.816+/-0.057 χ^2/NDF : 443497.2/6

Left: 186.847+/-0.040 χ^2/NDF : 964656.1/14

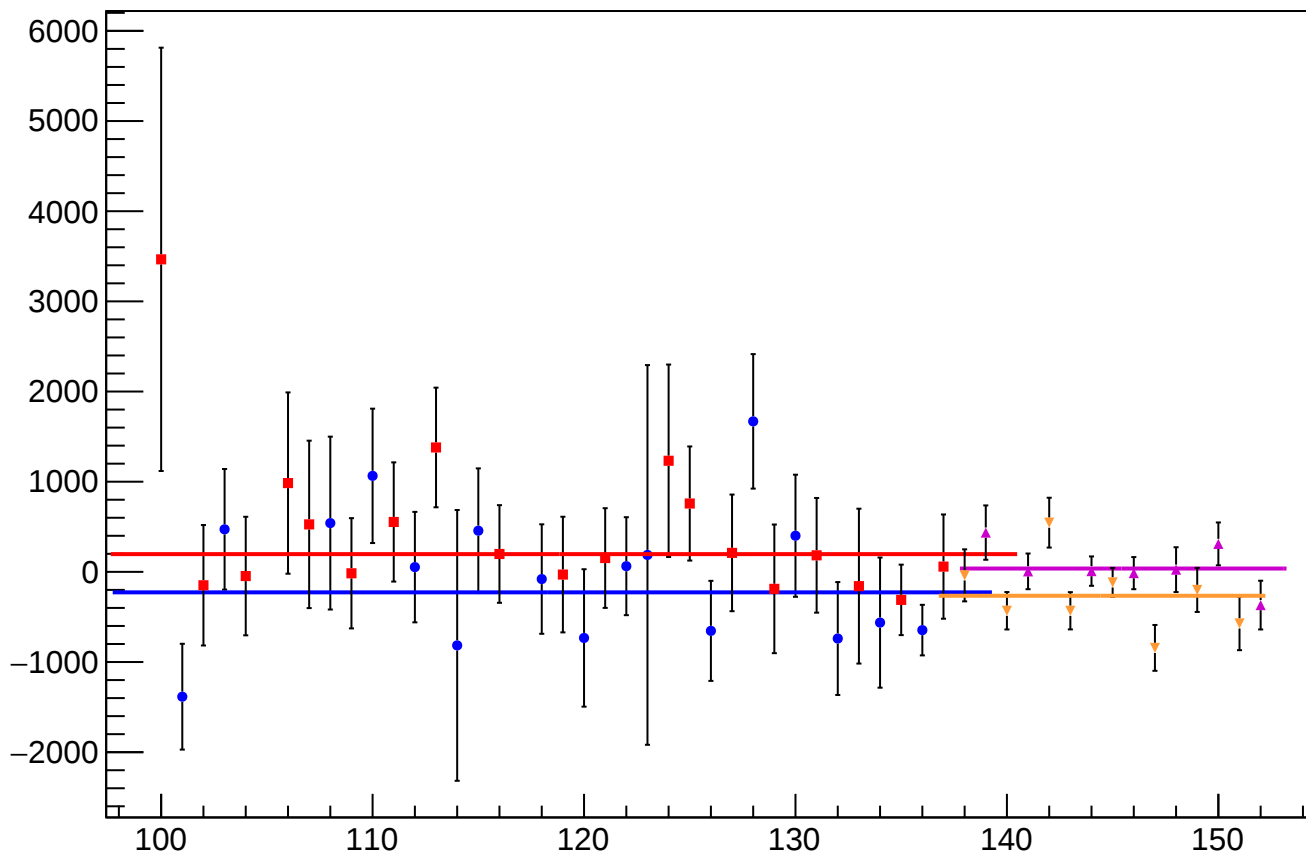
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 230.603+/-0.050 χ^2/NDF : 3610820.9/23

Out: 226.827+/-0.049 χ^2/NDF : 4277065.9/26

All: 228.671+/-0.035 χ^2/NDF : 7890800.9/50

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -265.136 ± 80.511 χ^2/NDF : 17.7/7

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 36.822 ± 80.762 χ^2/NDF : 5.5/6

Left: -114.628 ± 57.018 χ^2/NDF : 30.2/14

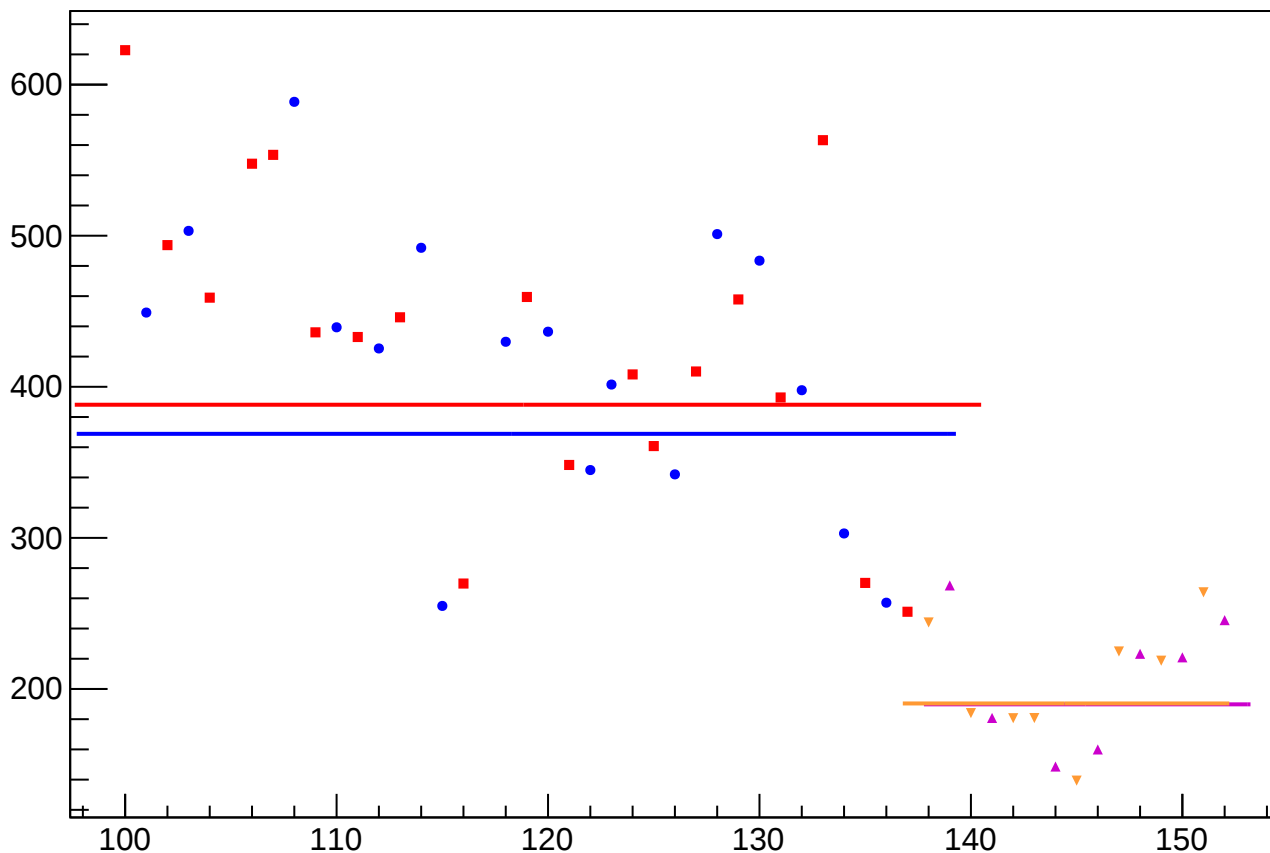
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -23.825 ± 70.885 χ^2/NDF : 29.7/23

Out: -162.022 ± 70.957 χ^2/NDF : 35.8/26

All: -92.854 ± 50.149 χ^2/NDF : 67.4/50

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: 190.411 $\pm$ 0.057 χ^2 /NDF: 467411.9/7

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 189.827 $\pm$ 0.057 χ^2 /NDF: 480025.0/6

Left: 190.120 $\pm$ 0.040 χ^2 /NDF: 947489.4/14

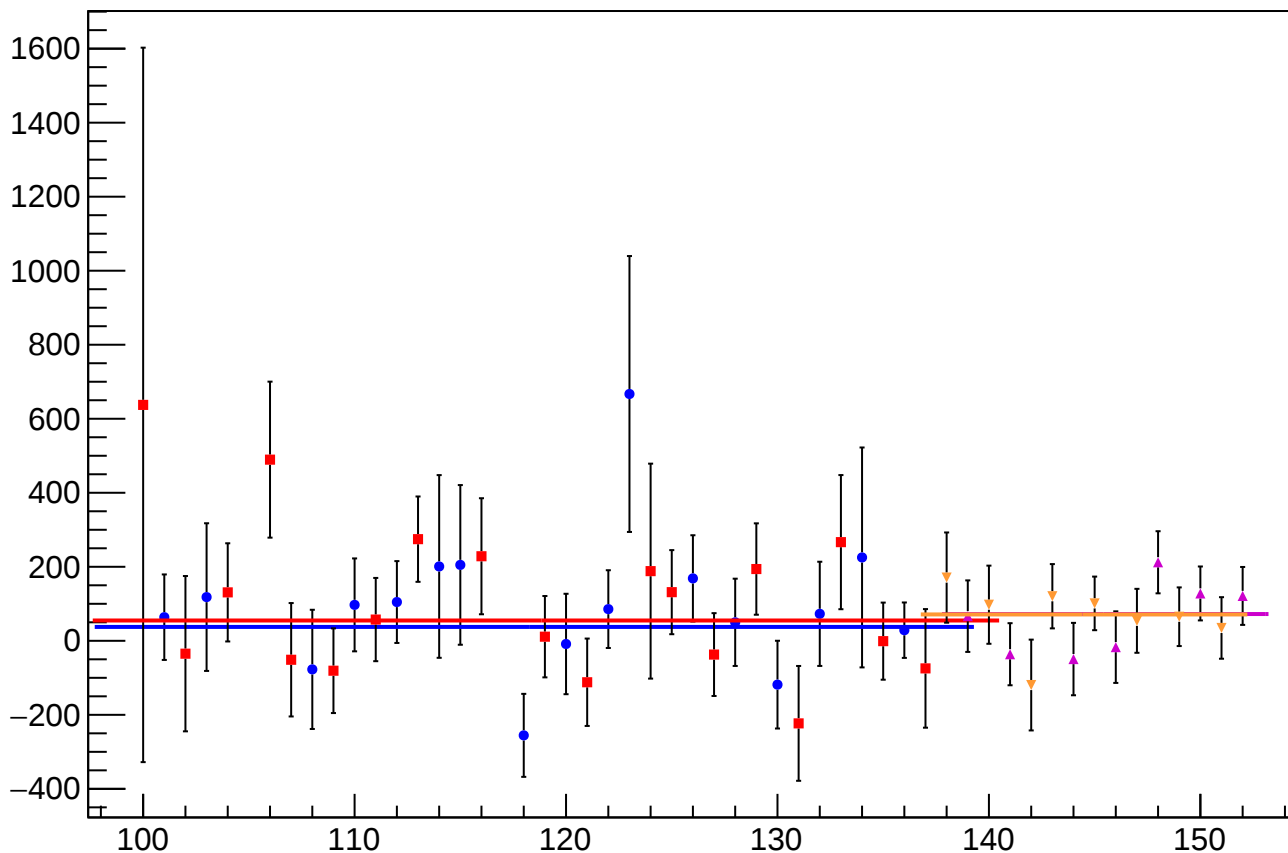
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 230.940 $\pm$ 0.050 χ^2 /NDF: 3566803.4/23

Out: 234.550 $\pm$ 0.050 χ^2 /NDF: 3938328.9/26

All: 232.743 $\pm$ 0.035 χ^2 /NDF: 7507723.8/50

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 71.281 $\pm$ 31.870 χ^2 /NDF:3.9/7

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 72.347 $\pm$ 32.368 χ^2 /NDF:7.8/6

Left: 71.806 $\pm$ 22.710 χ^2 /NDF: 11.7/14

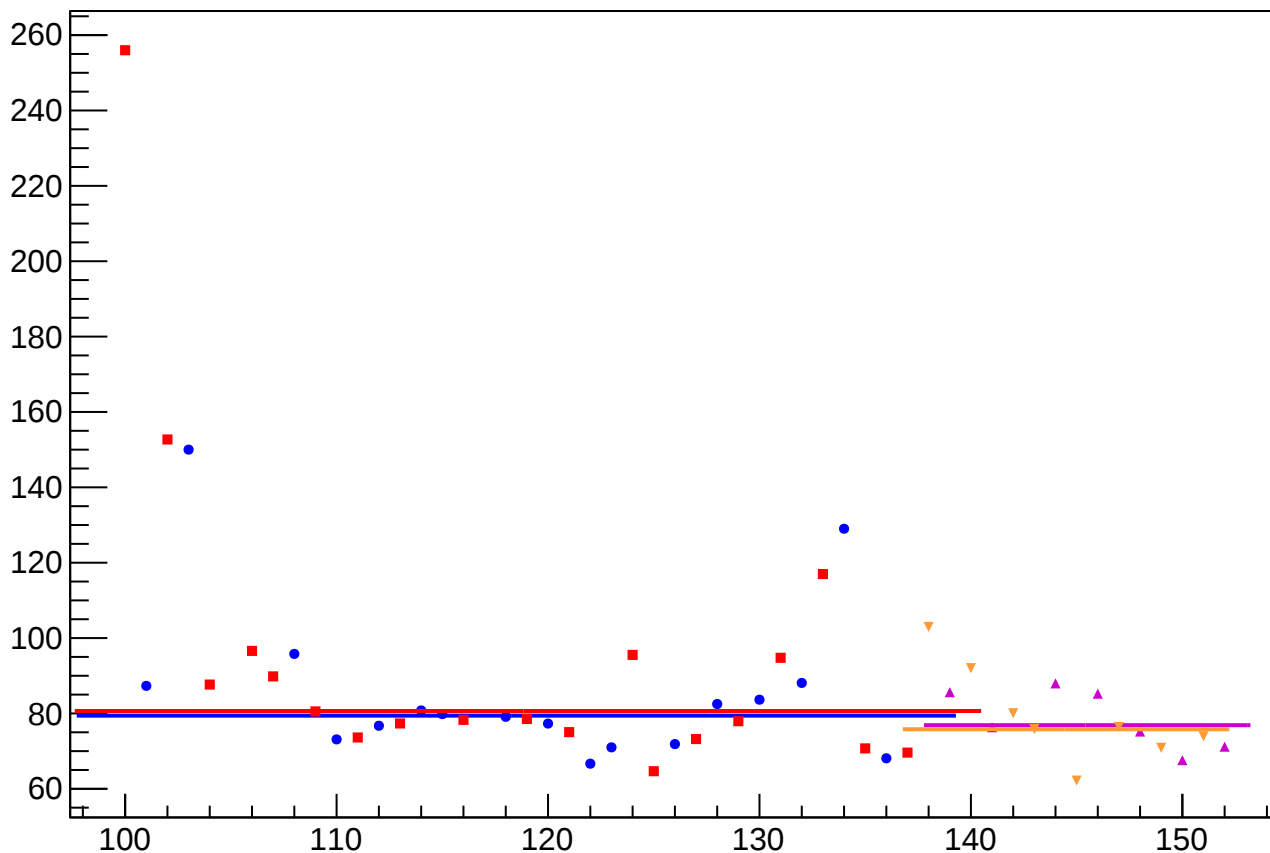
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 54.446 $\pm$ 22.560 χ^2 /NDF:24.3/23

Out: 62.985 $\pm$ 22.394 χ^2 /NDF:26.2/26

All: 58.747 $\pm$ 15.893 χ^2 /NDF: 50.5/50

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 75.803+/-0.023 χ^2/NDF : 228451.3/7

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 76.883+/-0.023 χ^2/NDF : 101007.9/6

Left: 76.335+/-0.016 χ^2/NDF : 330591.3/14

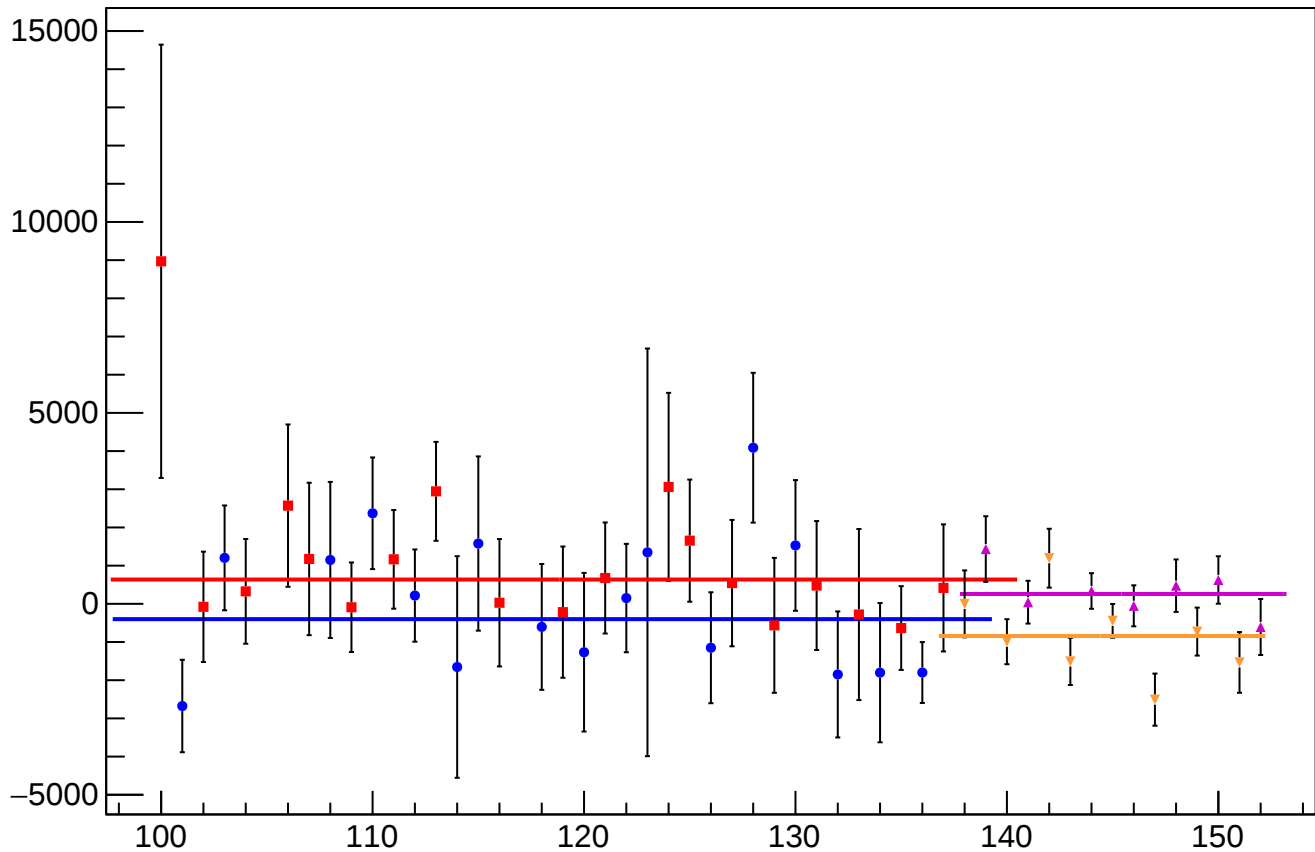
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 78.188+/-0.016 χ^2/NDF : 546378.4/23

Out: 78.258+/-0.016 χ^2/NDF : 772336.0/26

All: 78.223+/-0.011 χ^2/NDF : 1318723.9/50

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -842.378 $\pm$ 224.286 χ^2 /NDF:16.7/7

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 258.128 $\pm$ 228.315 χ^2 /NDF:4.2/6

Left: -301.921 $\pm$ 159.999 χ^2 /NDF: 32.7/14

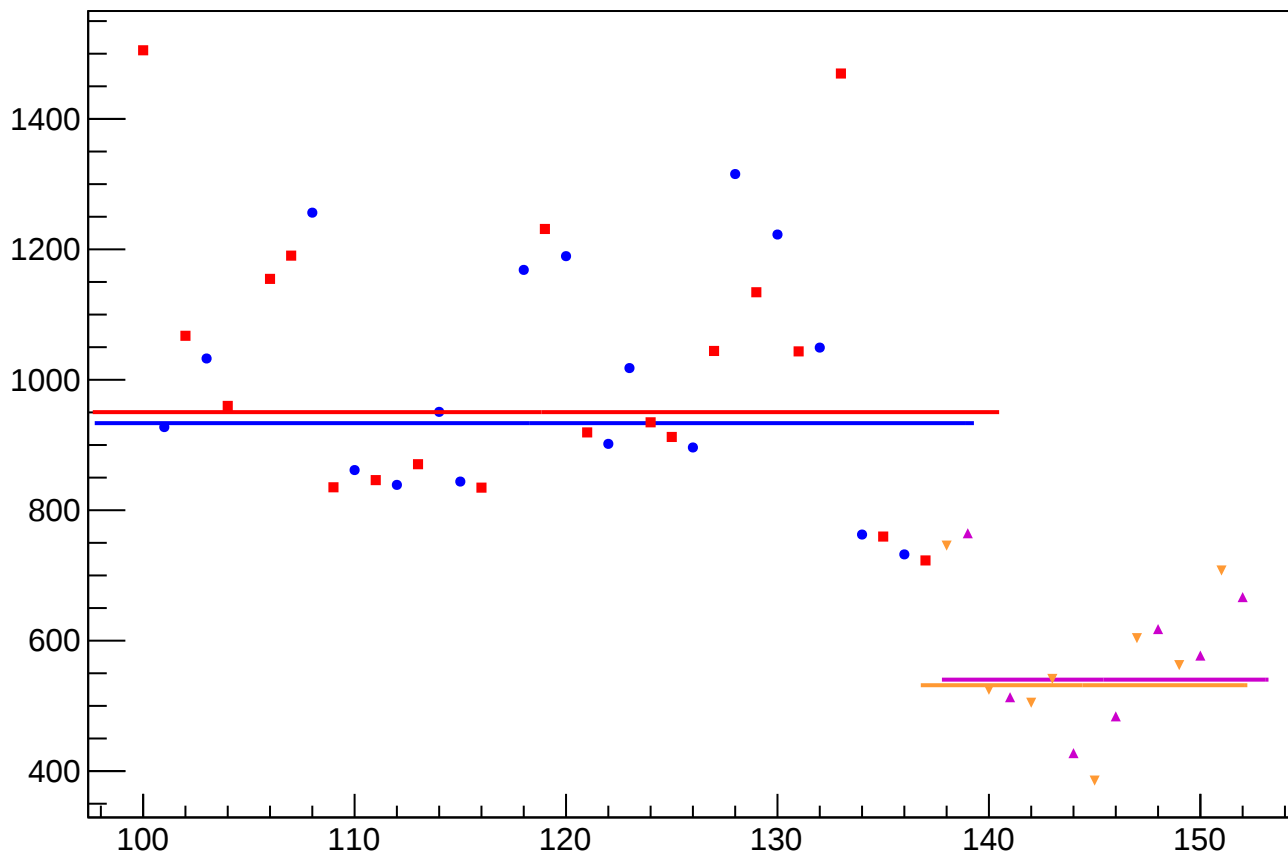
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 75.263 $\pm$ 194.079 χ^2 /NDF:28.5/23

Out: -433.762 $\pm$ 190.792 χ^2 /NDF:39.5/26

All: -183.597 $\pm$ 136.057 χ^2 /NDF: 71.5/50

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 531.686+/-0.159 χ^2/NDF : 467095.4/7

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 540.232+/-0.161 χ^2/NDF : 372165.2/6

Left: 535.883+/-0.113 χ^2/NDF : 840686.6/14

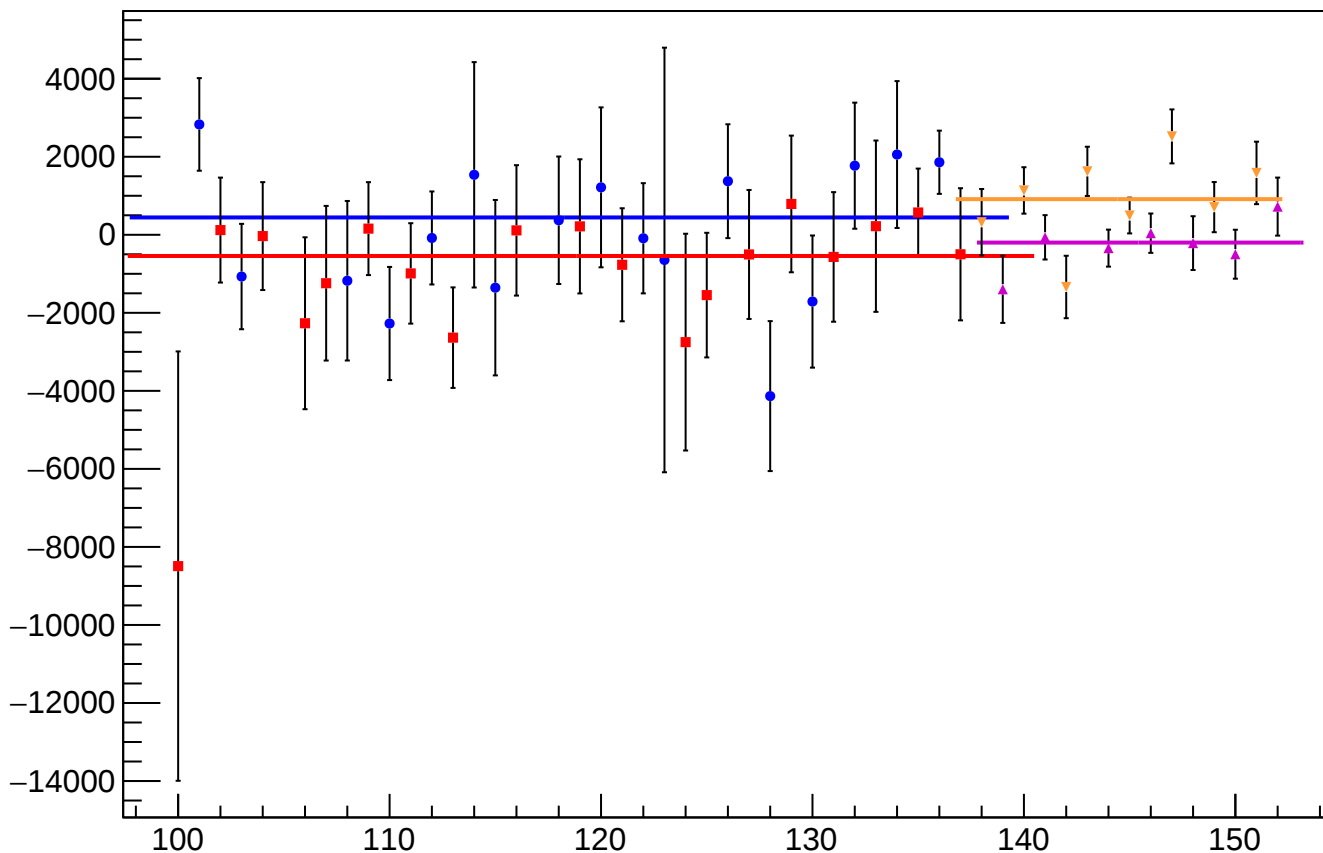
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 649.339+/-0.137 χ^2/NDF : 2460890.5/23

Out: 647.409+/-0.135 χ^2/NDF : 2817988.2/26

All: 648.357+/-0.096 χ^2/NDF : 5278979.2/50

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 913.794+/-228.796 χ^2/NDF : 16.9/7

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -199.713+/-227.775 χ^2/NDF : 4.1/6

Left: 354.549+/-161.421 χ^2/NDF : 32.8/14

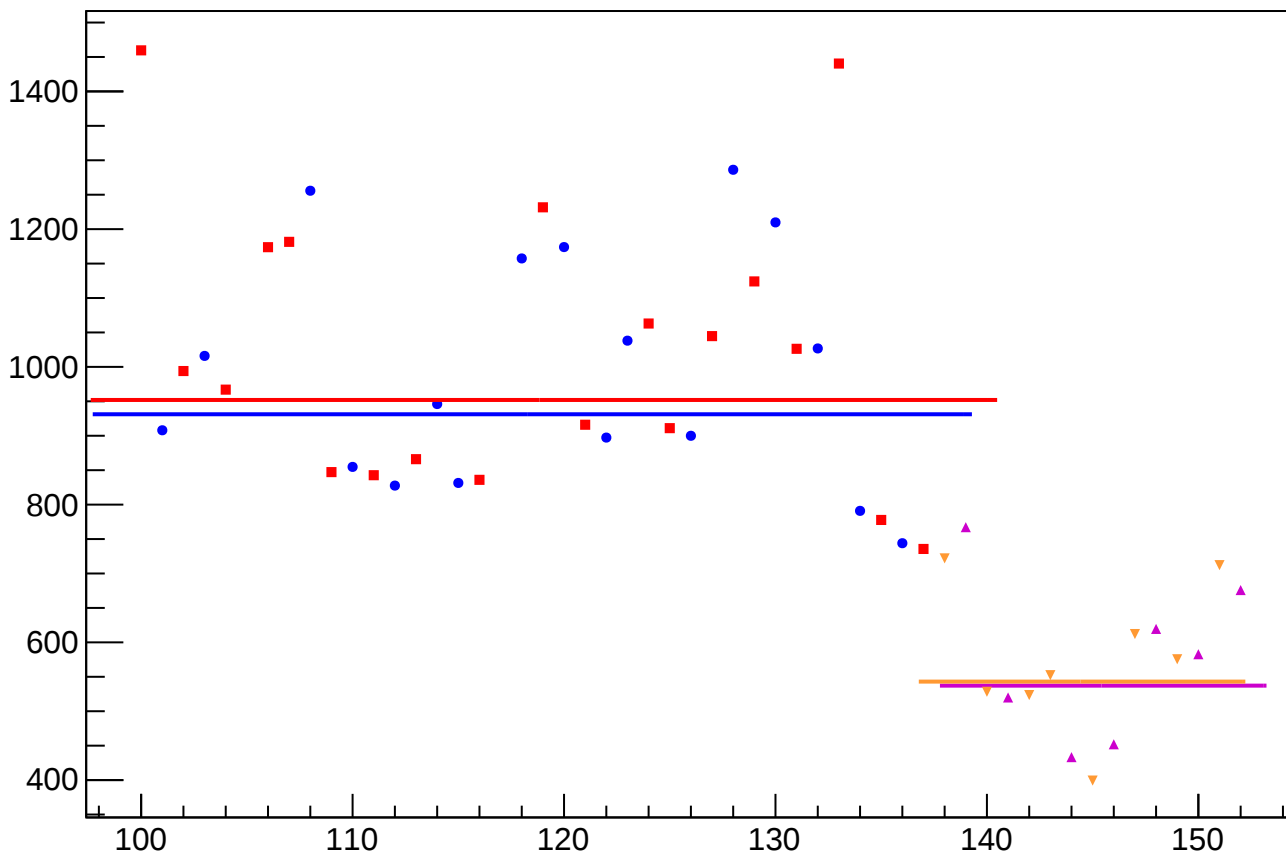
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -20.593+/-193.545 χ^2/NDF : 29.2/23

Out: 500.111+/-193.605 χ^2/NDF : 37.8/26

All: 239.679+/-136.878 χ^2/NDF : 70.6/50

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 543.019+/-0.162 χ^2/NDF : 401768.4/7

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 537.157+/-0.161 χ^2/NDF : 406062.2/6

Left: 540.075+/-0.114 χ^2/NDF : 808490.0/14

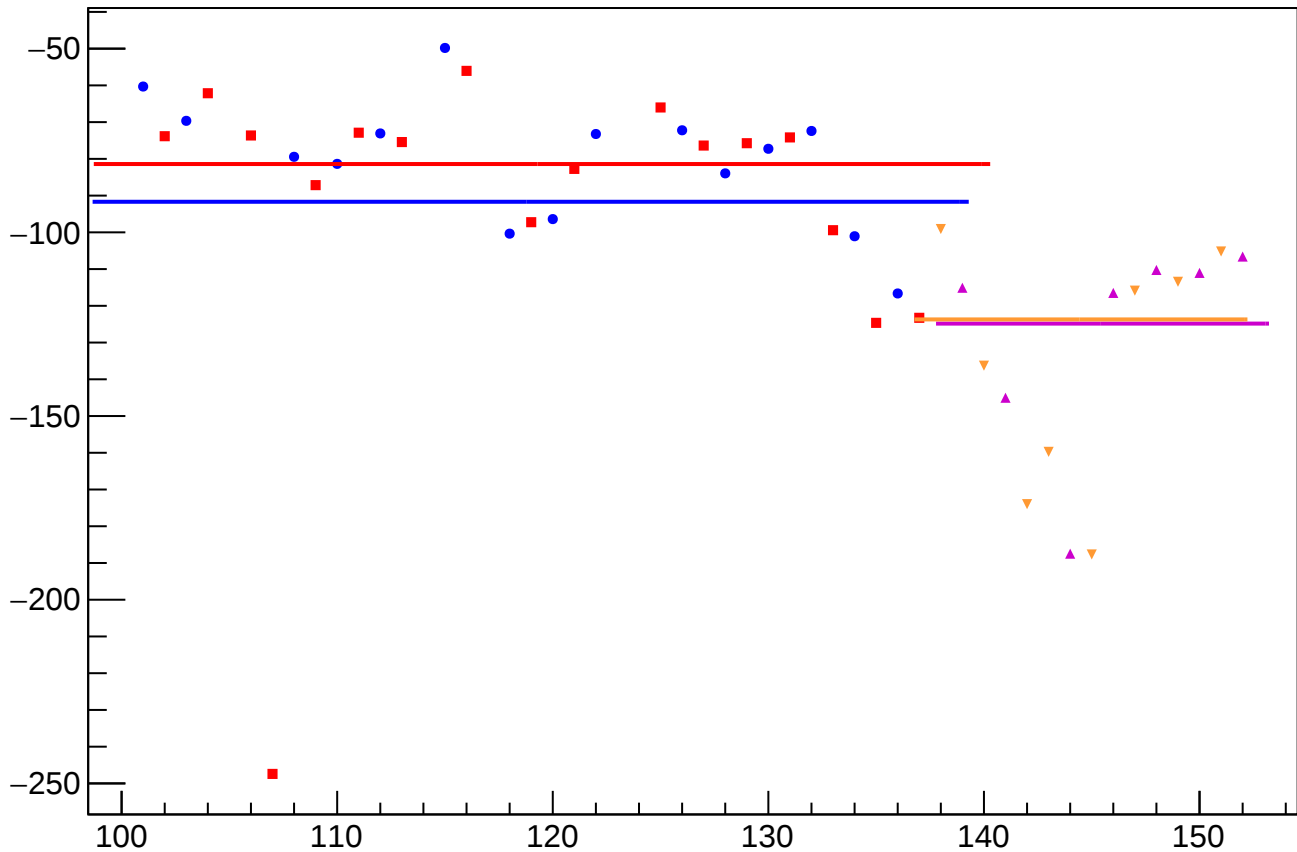
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 646.690+/-0.137 χ^2/NDF : 2470148.4/23

Out: 659.144+/-0.137 χ^2/NDF : 2598769.8/26

All: 652.915+/-0.097 χ^2/NDF : 5073057.2/50

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -123.703 ± 0.145 $\chi^2/\text{NDF}: 21134.9/7$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -124.841 ± 0.099 $\chi^2/\text{NDF}: 40607.4/6$

Left: -124.479 ± 0.082 $\chi^2/\text{NDF}: 61784.2/14$

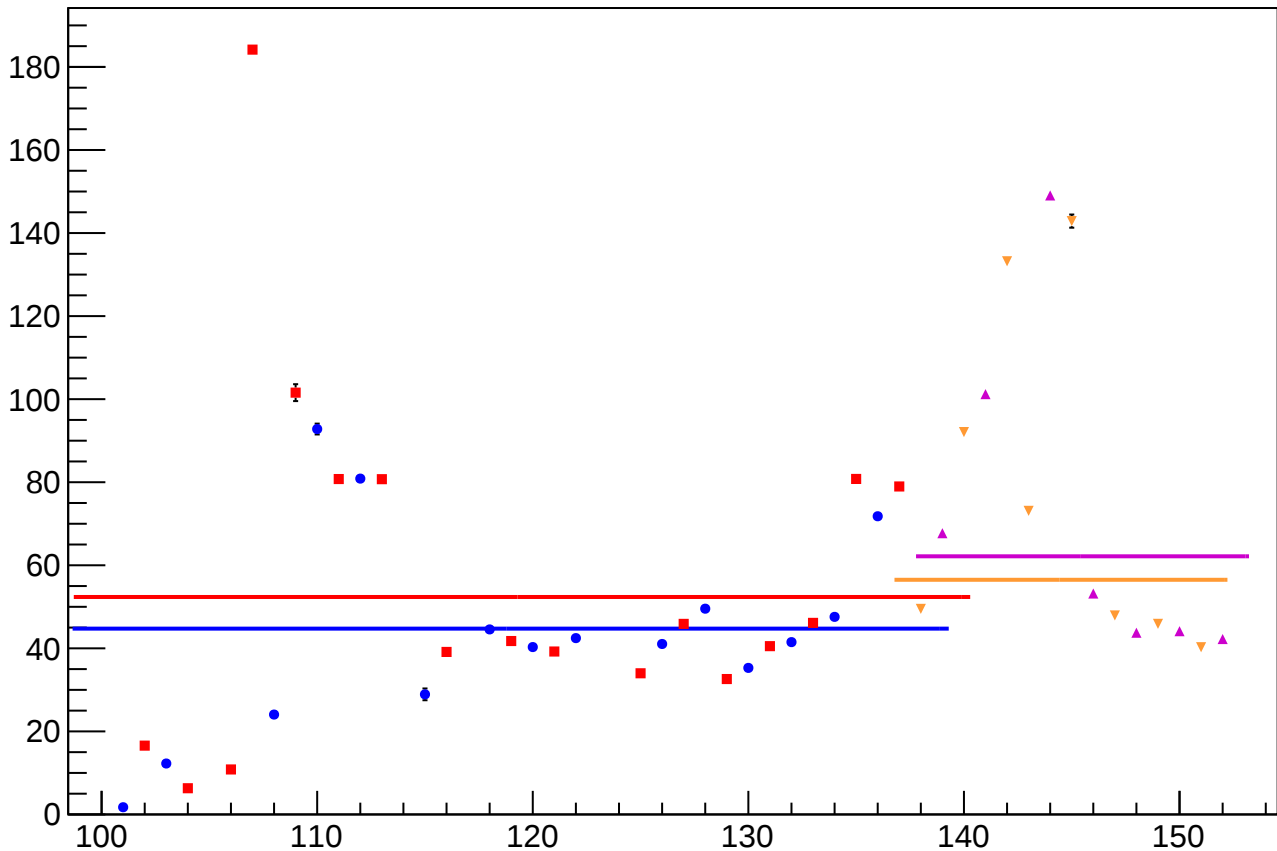
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -102.743 ± 0.057 $\chi^2/\text{NDF}: 179821.9/21$

Out: -94.729 ± 0.081 $\chi^2/\text{NDF}: 120965.4/24$

All: -100.095 ± 0.047 $\chi^2/\text{NDF}: 307261.9/46$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 56.507 $\pm$ 0.125 χ^2/NDF : 40536.2/7

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 62.161 $\pm$ 0.088 χ^2/NDF : 100757.9/6

Left: 60.291 $\pm$ 0.072 χ^2/NDF : 142665.8/14

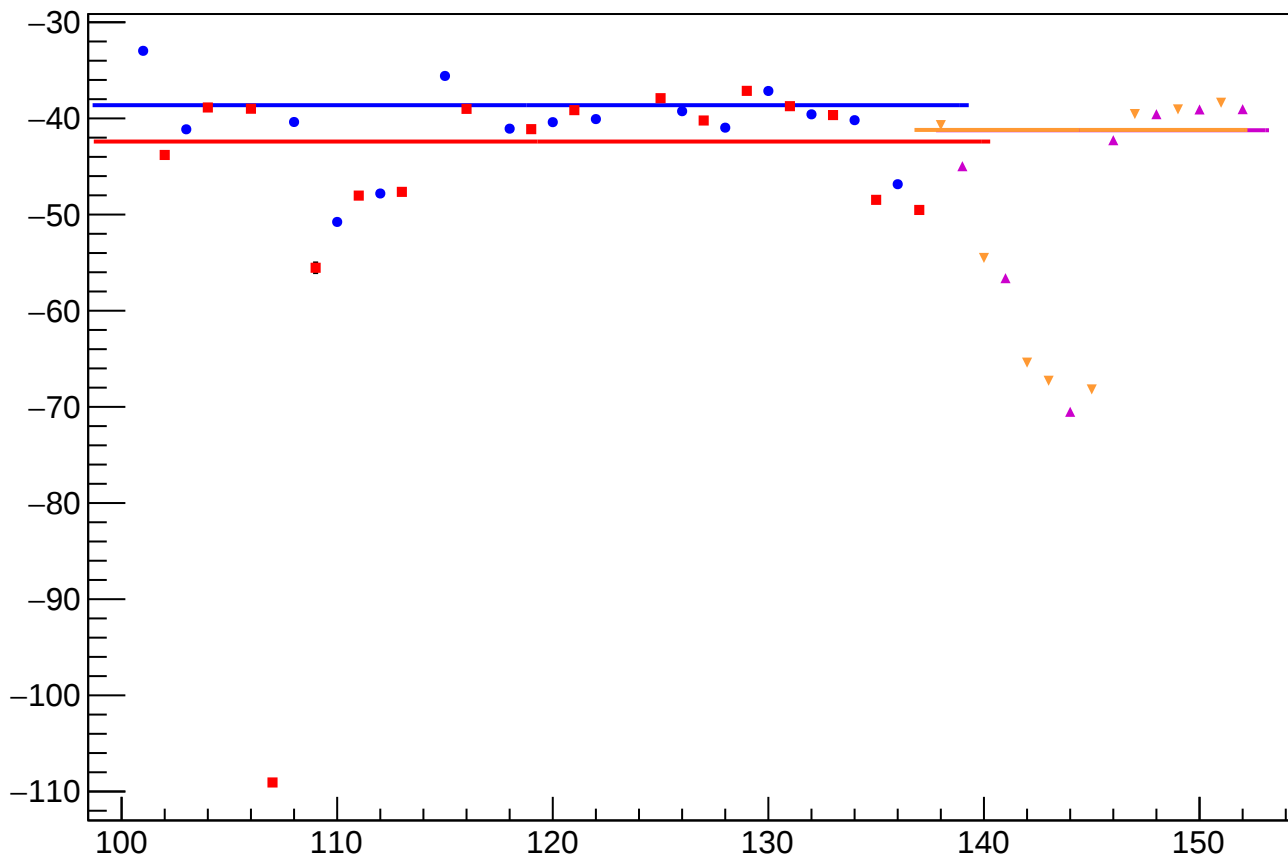
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.360 $\pm$ 0.050 χ^2/NDF : 212114.7/21

Out: 54.223 $\pm$ 0.084 χ^2/NDF : 110428.0/24

All: 51.374 $\pm$ 0.043 χ^2/NDF : 324116.8/46

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -41.199+/-0.017 χ^2/NDF :184880.3/7

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -41.231+/-0.015 χ^2/NDF :141170.2/6

Left: -41.216+/-0.011 χ^2/NDF : 326052.4/14

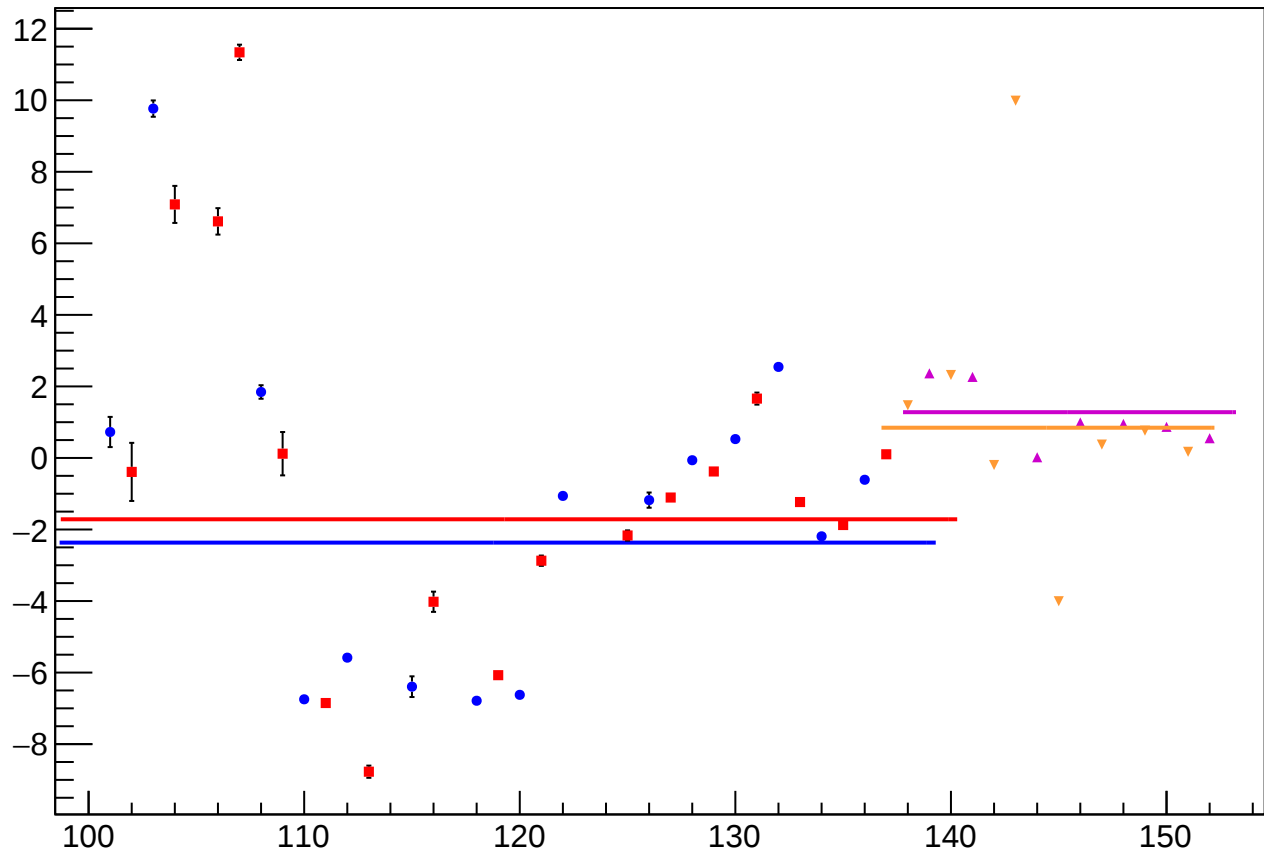
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.206+/-0.007 χ^2/NDF :403414.3/21

Out: -41.661+/-0.013 χ^2/NDF :456004.9/24

All: -39.782+/-0.006 χ^2/NDF : 886022.8/46

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 0.845 ± 0.016 $\chi^2/\text{NDF}: 10270.7/7$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.280 ± 0.012 $\chi^2/\text{NDF}: 3202.3/6$

Left: 1.132 ± 0.010 $\chi^2/\text{NDF}: 13933.1/14$

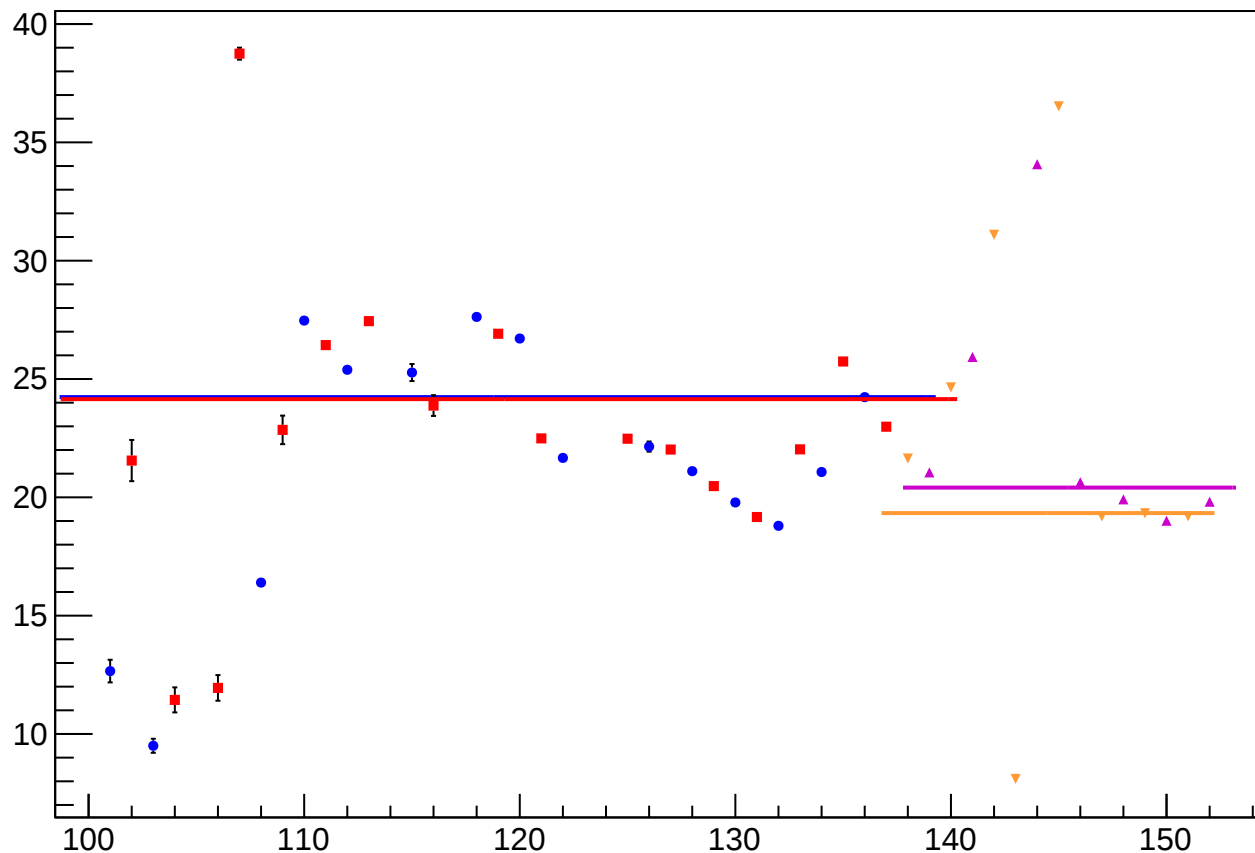
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.224 ± 0.009 $\chi^2/\text{NDF}: 71438.6/21$

Out: 0.152 ± 0.014 $\chi^2/\text{NDF}: 29549.1/24$

All: -0.114 ± 0.008 $\chi^2/\text{NDF}: 101494.7/46$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 19.334+/-0.019 χ^2/NDF : 38032.8/7

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 20.411+/-0.015 χ^2/NDF : 32695.8/6

Left: 19.996+/-0.012 χ^2/NDF : 72799.0/14

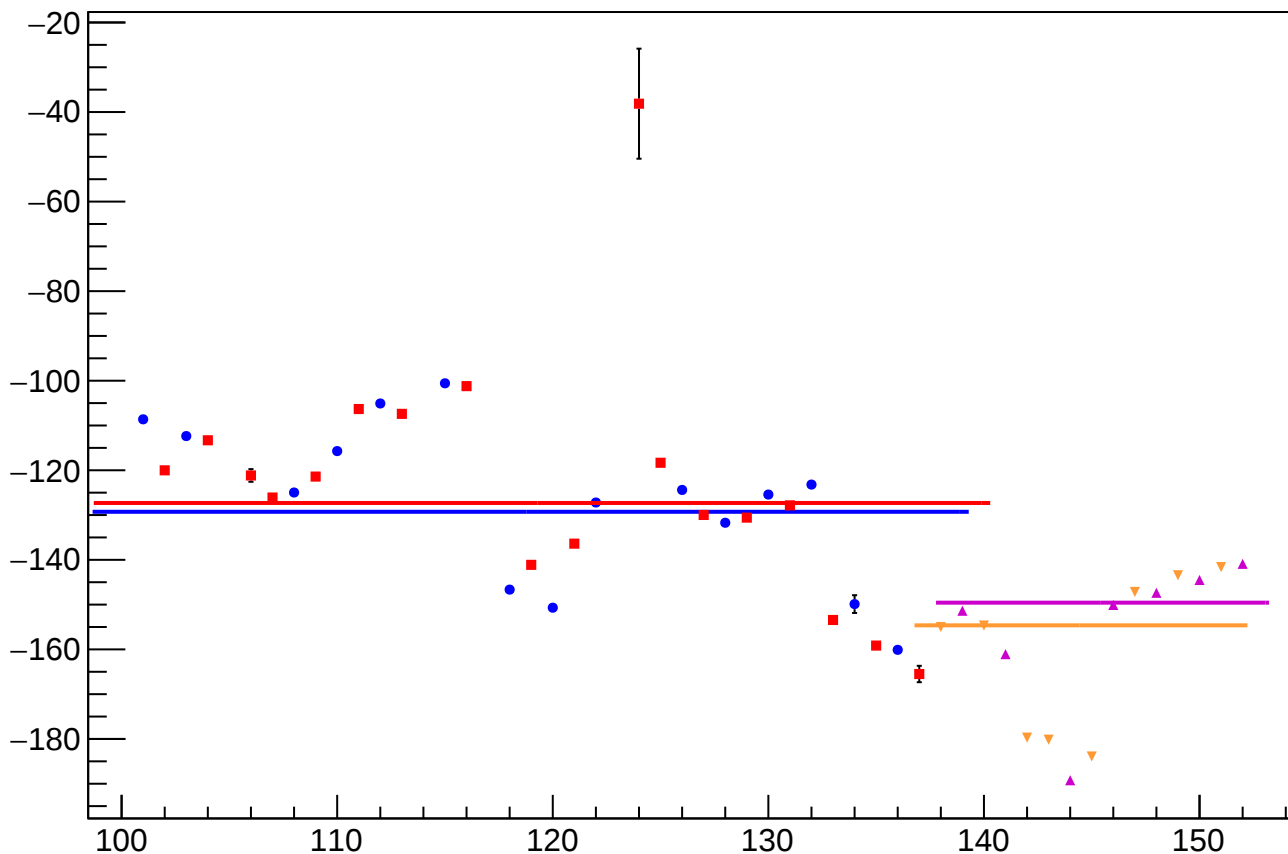
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 21.589+/-0.012 χ^2/NDF : 75452.1/21

Out: 21.101+/-0.015 χ^2/NDF : 75974.1/24

All: 21.391+/-0.009 χ^2/NDF : 152074.4/46

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -154.627 $\pm$ 0.094 χ^2 /NDF:22350.4/7

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -149.565 $\pm$ 0.074 χ^2 /NDF:19976.2/6

Left: -151.505 $\pm$ 0.058 χ^2 /NDF: 44105.2/14

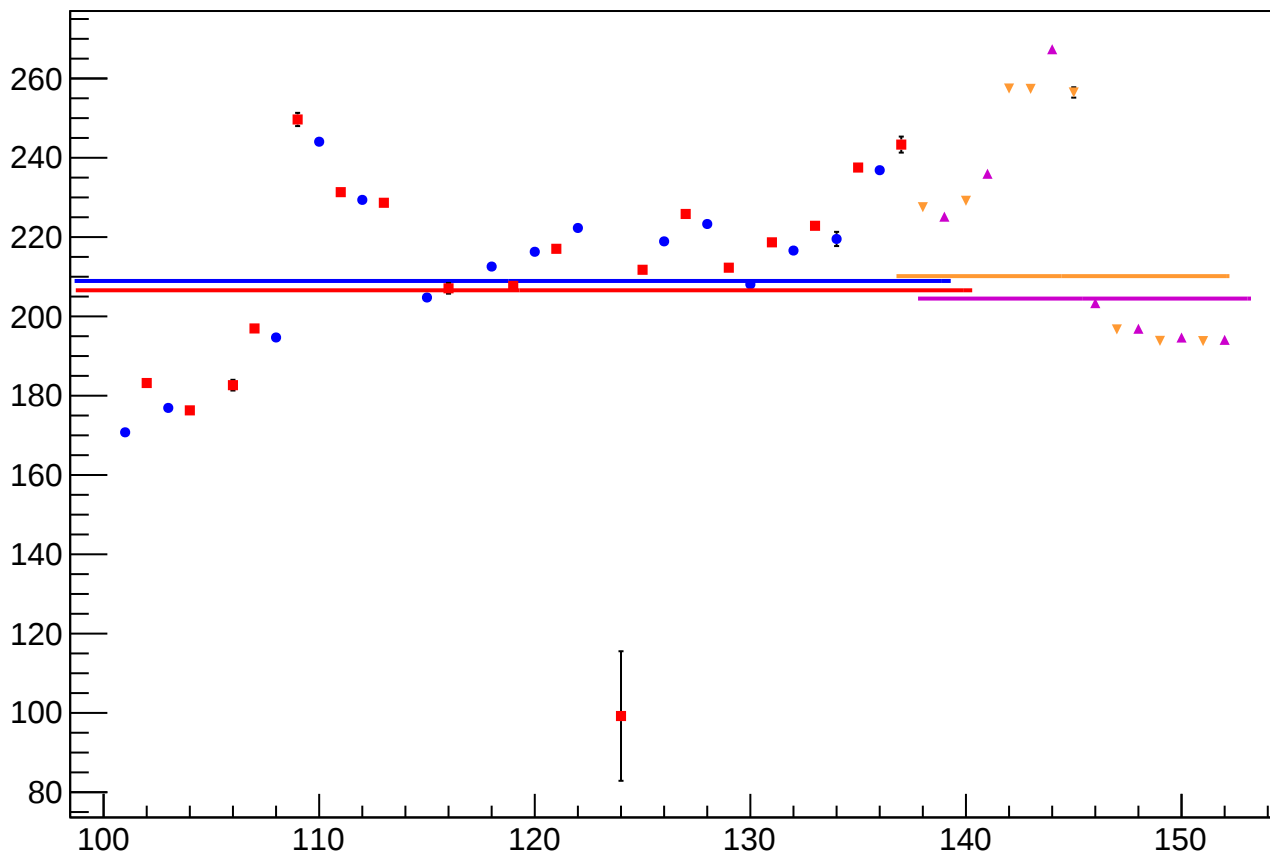
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -141.096 $\pm$ 0.057 χ^2 /NDF:86228.3/21

Out: -139.450 $\pm$ 0.063 χ^2 /NDF:98632.1/25

All: -140.357 $\pm$ 0.042 χ^2 /NDF: 185238.5/47

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 210.153 $\pm$ 0.080 χ^2 /NDF: 87194.4/7

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 204.493 $\pm$ 0.066 χ^2 /NDF: 70171.0/6

Left: 206.787 $\pm$ 0.051 χ^2 /NDF: 160345.7/14

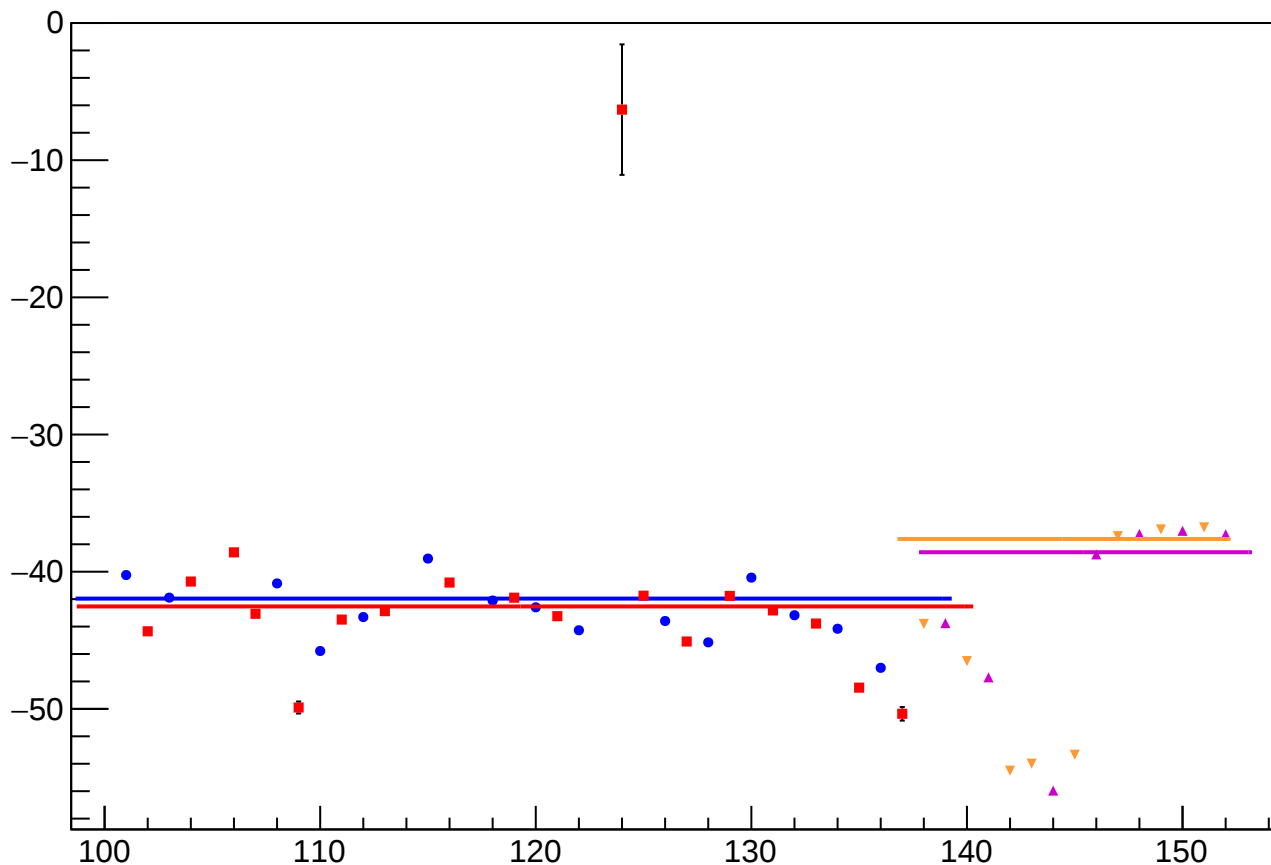
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 206.064 $\pm$ 0.053 χ^2 /NDF: 116457.5/21

Out: 208.438 $\pm$ 0.058 χ^2 /NDF: 136363.5/25

All: 207.153 $\pm$ 0.039 χ^2 /NDF: 253738.8/47

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.614 $\pm$ 0.006 χ^2 /NDF: 213114.2/7

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -38.580 $\pm$ 0.009 χ^2 /NDF: 120860.0/6

Left: -37.909 $\pm$ 0.005 χ^2 /NDF: 341489.8/14

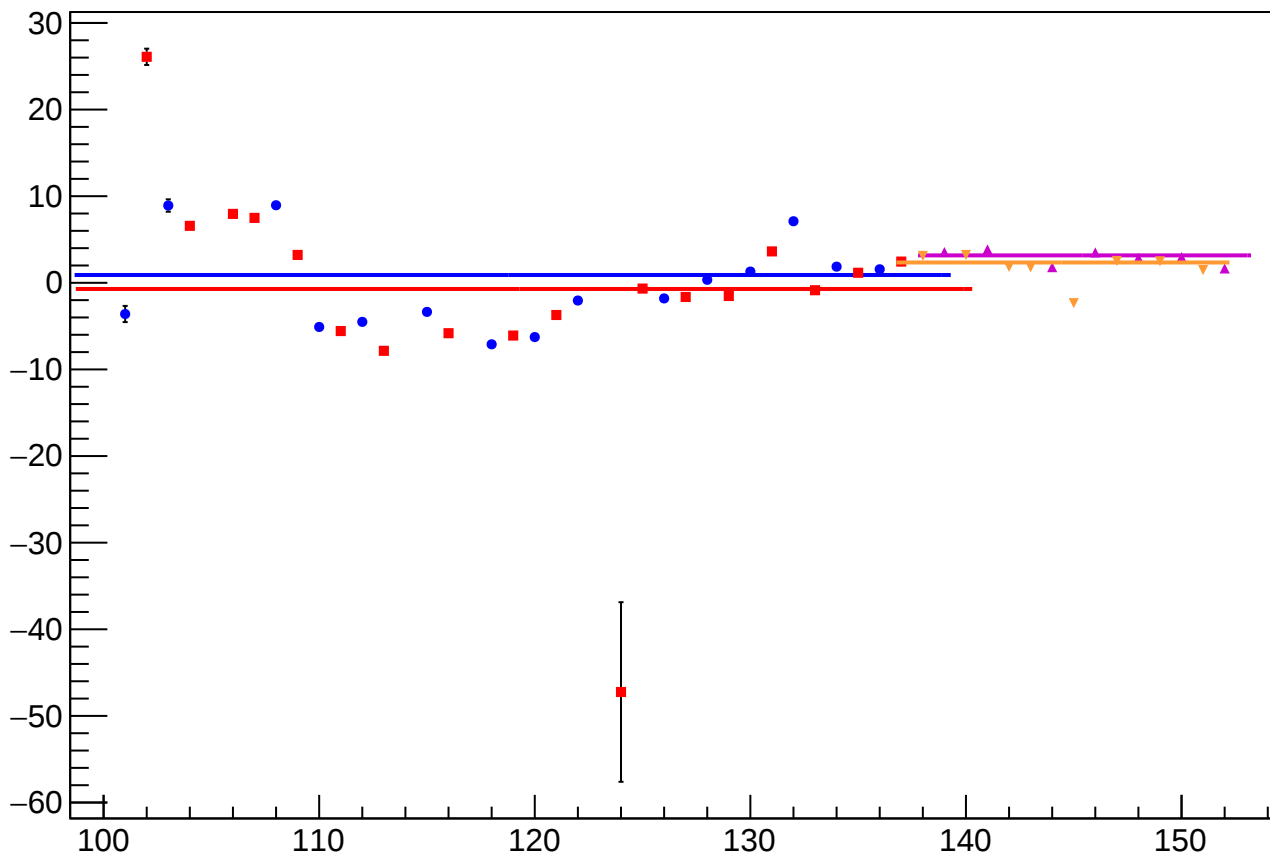
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -39.463 $\pm$ 0.008 χ^2 /NDF: 179732.8/21

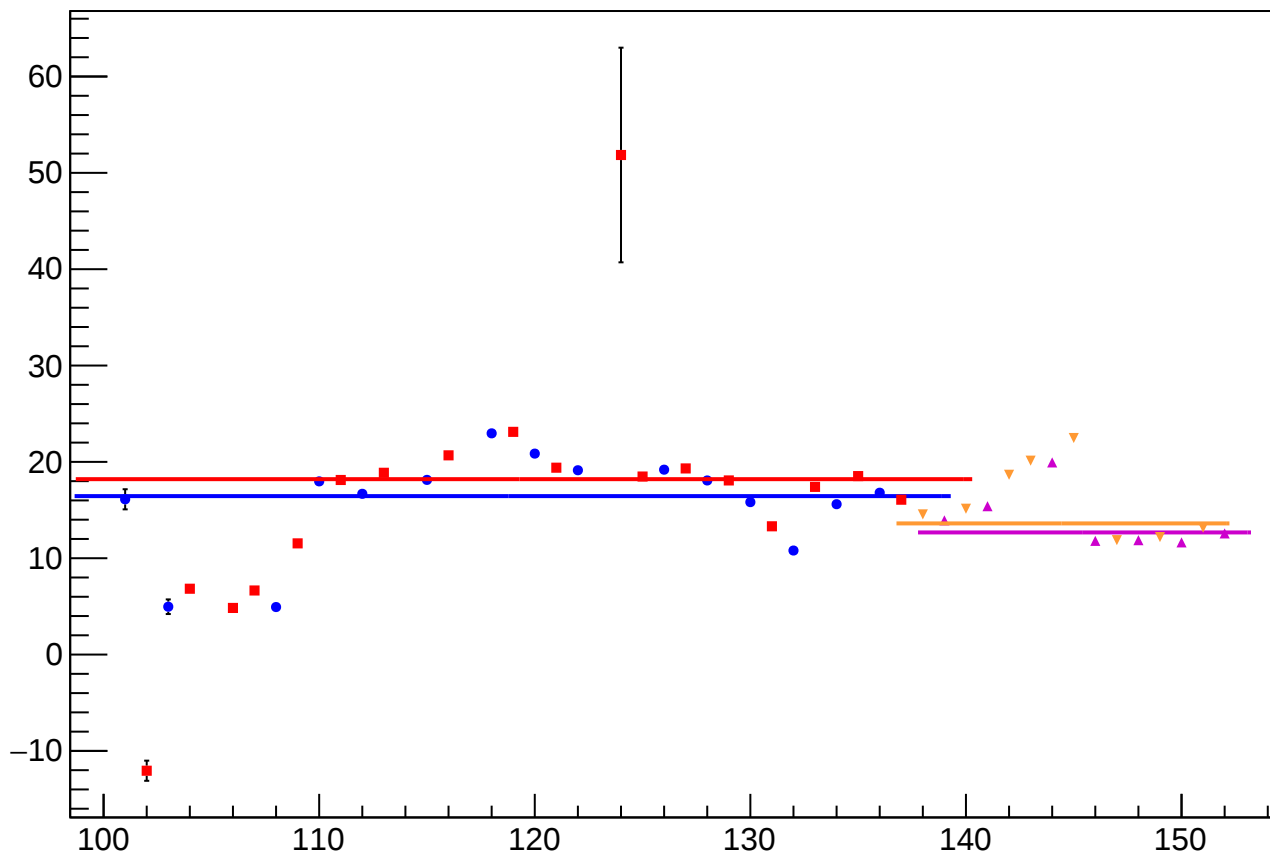
Out: -38.016 $\pm$ 0.006 χ^2 /NDF: 271319.7/25

All: -38.528 $\pm$ 0.005 χ^2 /NDF: 472297.3/47

dit_usr_4aY_slope vs Slug, Sign Corrected



dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 13.614 $\pm$ 0.014 χ^2 /NDF: 37806.2/7

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.677 $\pm$ 0.015 χ^2 /NDF: 13855.3/6

Left: 13.168 $\pm$ 0.010 χ^2 /NDF: 53843.7/14

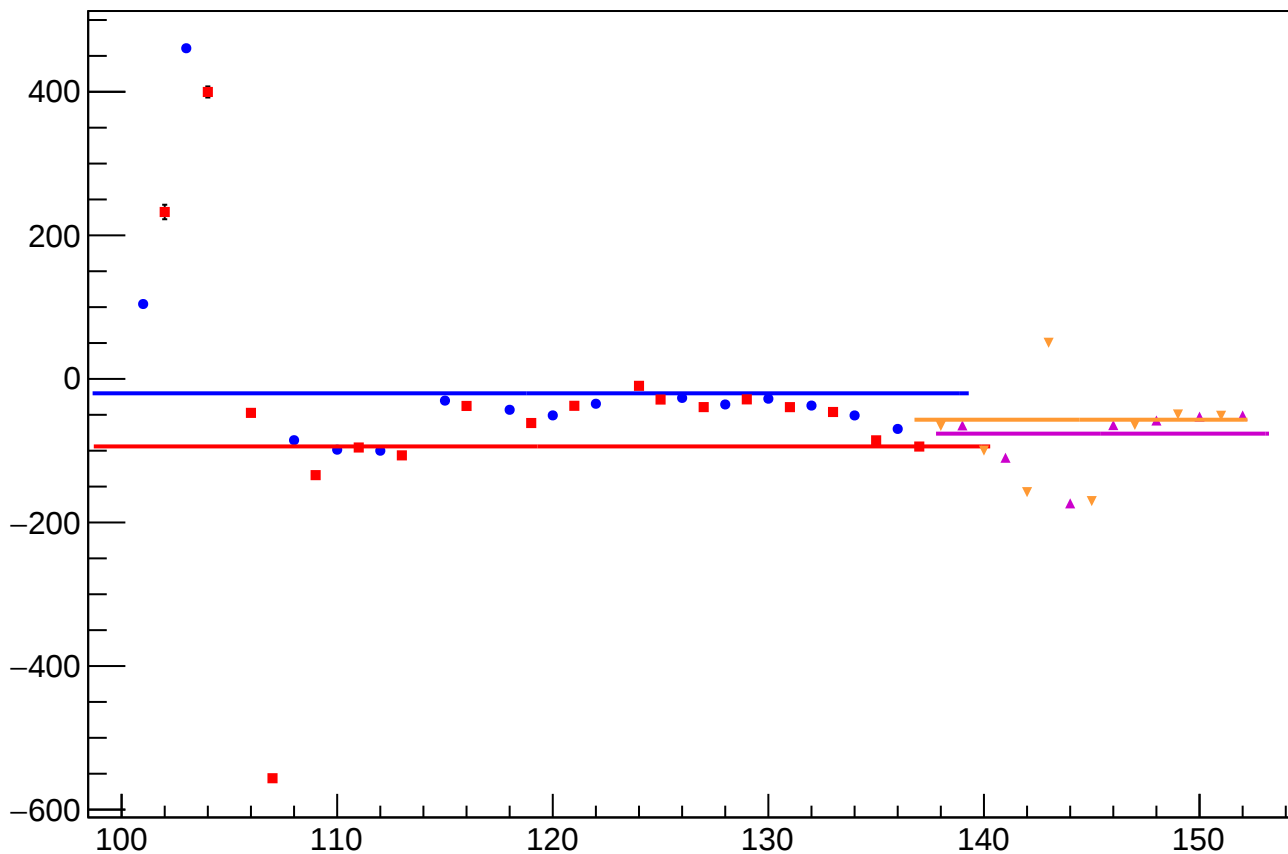
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.662 $\pm$ 0.012 χ^2 /NDF: 45666.1/21

Out: 15.057 $\pm$ 0.011 χ^2 /NDF: 99954.5/25

All: 14.419 $\pm$ 0.008 χ^2 /NDF: 152407.2/47

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -56.835 ± 0.185 $\chi^2/\text{NDF}: 43645.6/7$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -76.244 ± 0.201 $\chi^2/\text{NDF}: 33804.2/6$

Left: -65.750 ± 0.136 $\chi^2/\text{NDF}: 82495.2/14$

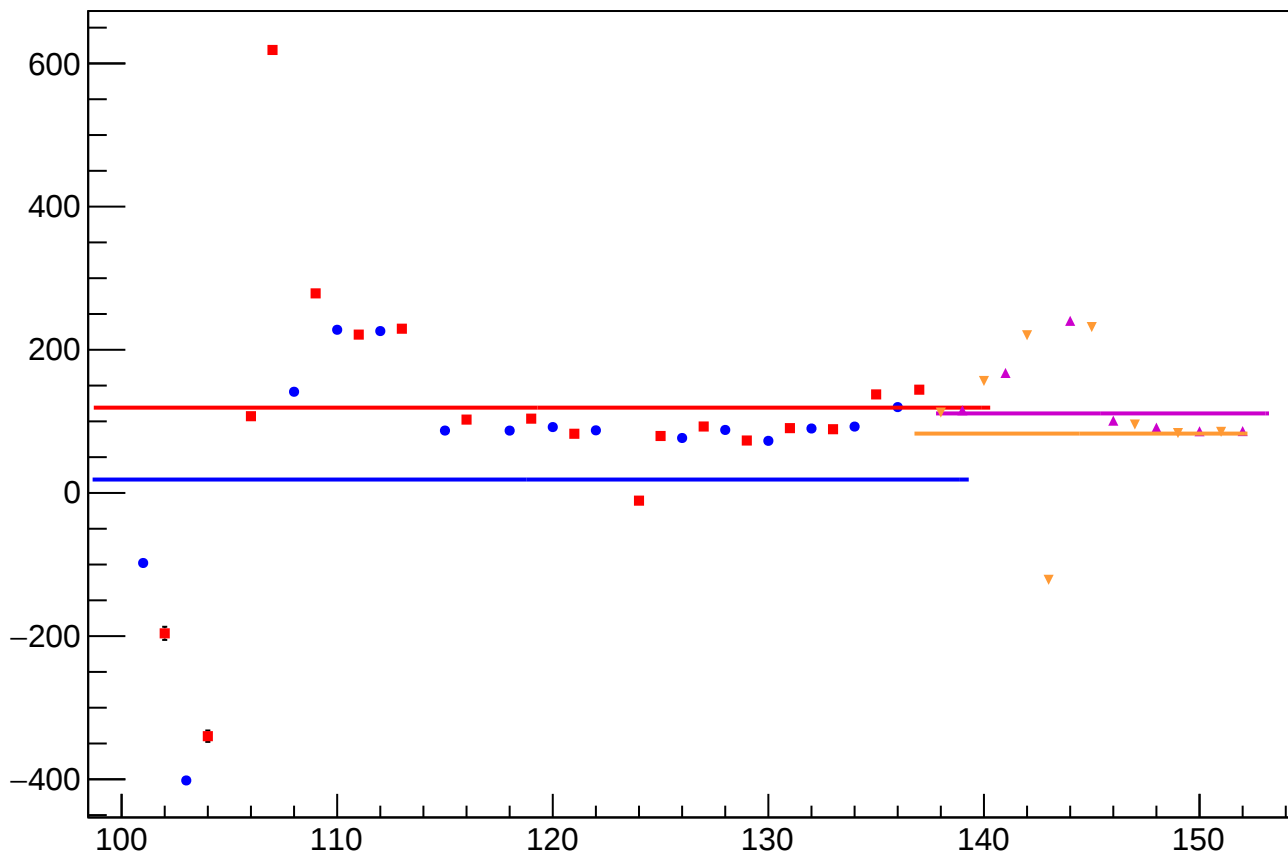
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -40.706 ± 0.122 $\chi^2/\text{NDF}: 524727.2/21$

Out: -93.883 ± 0.012 $\chi^2/\text{NDF}: 171336.7/25$

All: -93.337 ± 0.012 $\chi^2/\text{NDF}: 884723.5/47$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 82.925 ± 0.167 $\chi^2/\text{NDF}: 161526.5/7$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 111.090 ± 0.179 $\chi^2/\text{NDF}: 54051.3/6$

Left: 96.083 ± 0.122 $\chi^2/\text{NDF}: 228801.6/14$

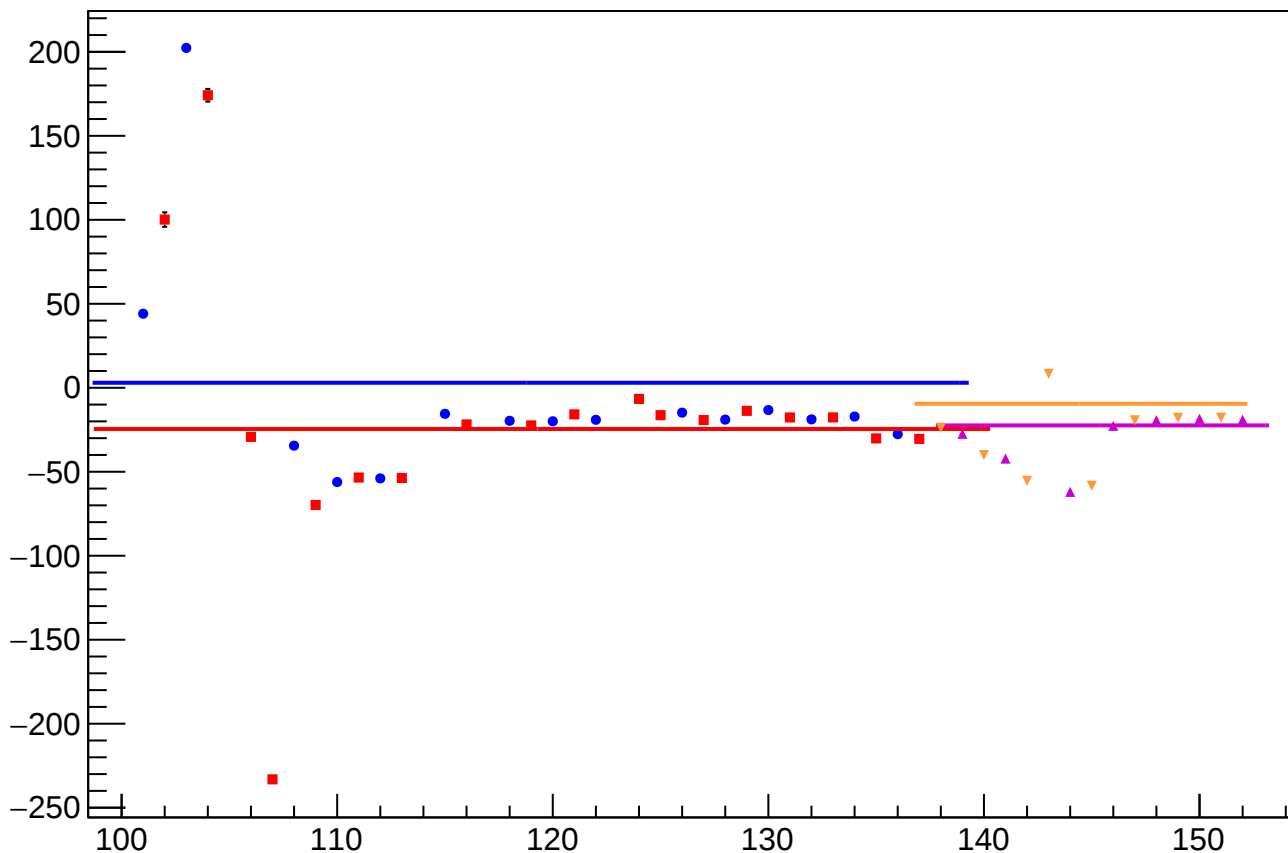
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 57.504 ± 0.116 $\chi^2/\text{NDF}: 1310694.4/21$

Out: 97.922 ± 0.128 $\chi^2/\text{NDF}: 268370.5/25$

All: 75.675 ± 0.086 $\chi^2/\text{NDF}: 1633799.2/47$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -9.526 ± 0.023 χ^2/NDF : 400956.5/7

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -22.398 ± 0.026 χ^2/NDF : 116208.4/6

Left: -15.368 ± 0.017 χ^2/NDF : 653920.0/14

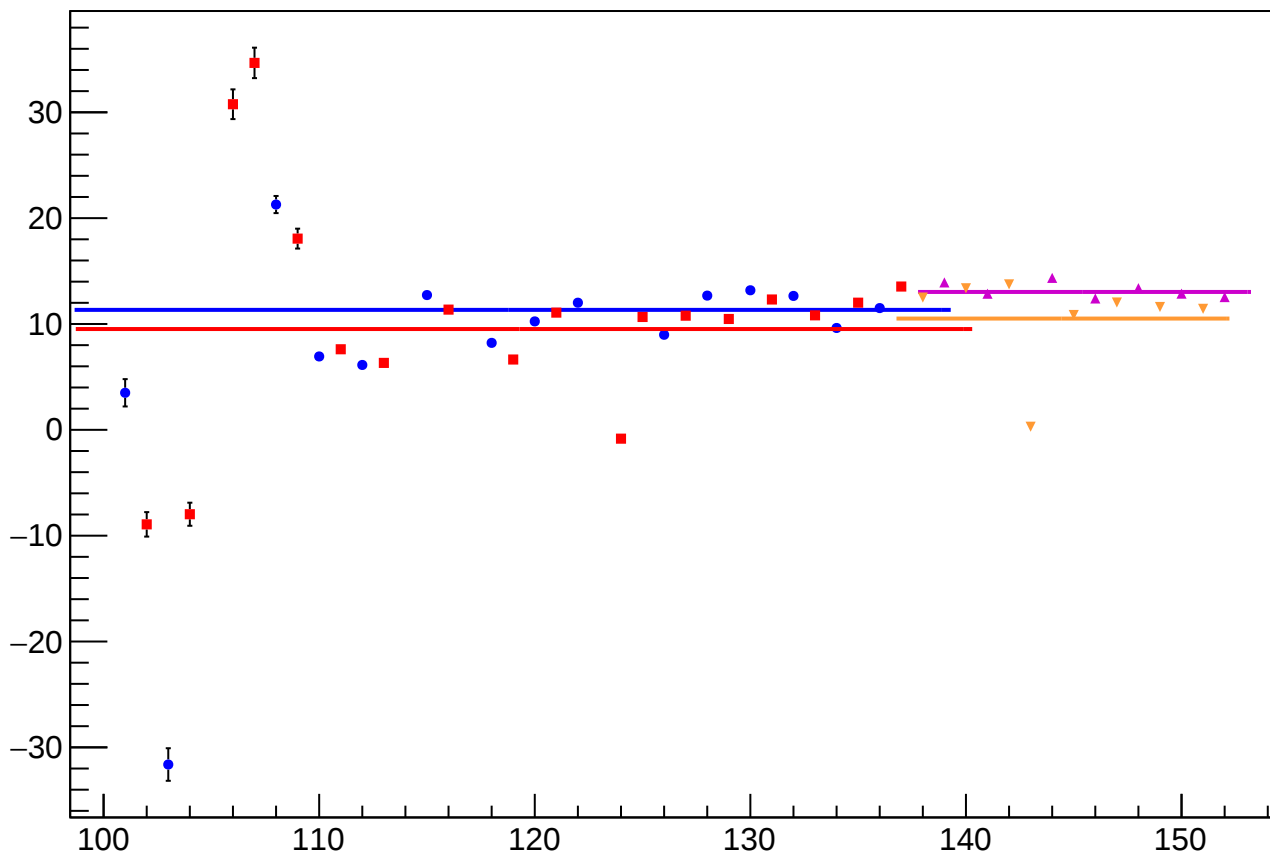
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -10.264 ± 0.019 χ^2/NDF : 4078524.0/21

Out: -12.890 ± 0.021 χ^2/NDF : 669245.1/25

All: -11.439 ± 0.014 χ^2/NDF : 4756699.6/47

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 10.513 $\pm$ 0.028 χ^2 /NDF:24902.3/7

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.027 $\pm$ 0.023 χ^2 /NDF:499.1/6

Left: 11.997 $\pm$ 0.018 χ^2 /NDF: 30270.5/14

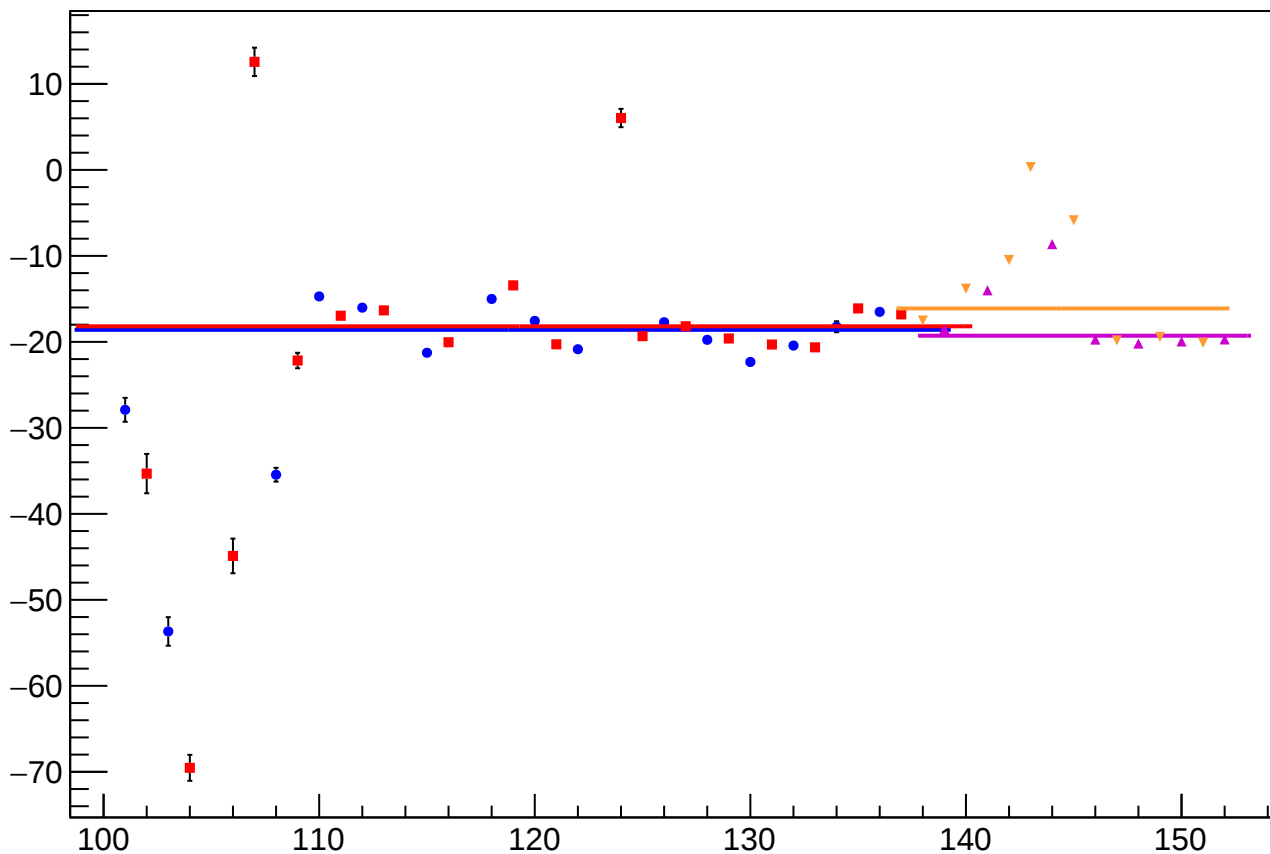
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.560 $\pm$ 0.020 χ^2 /NDF:4391.3/21

Out: 10.266 $\pm$ 0.024 χ^2 /NDF:29287.5/25

All: 11.640 $\pm$ 0.015 χ^2 /NDF: 39158.0/47

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -16.112 ± 0.031 $\chi^2/\text{NDF}: 40195.7/7$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.282 ± 0.026 $\chi^2/\text{NDF}: 6085.1/6$

Left: -17.934 ± 0.020 $\chi^2/\text{NDF}: 52396.3/14$

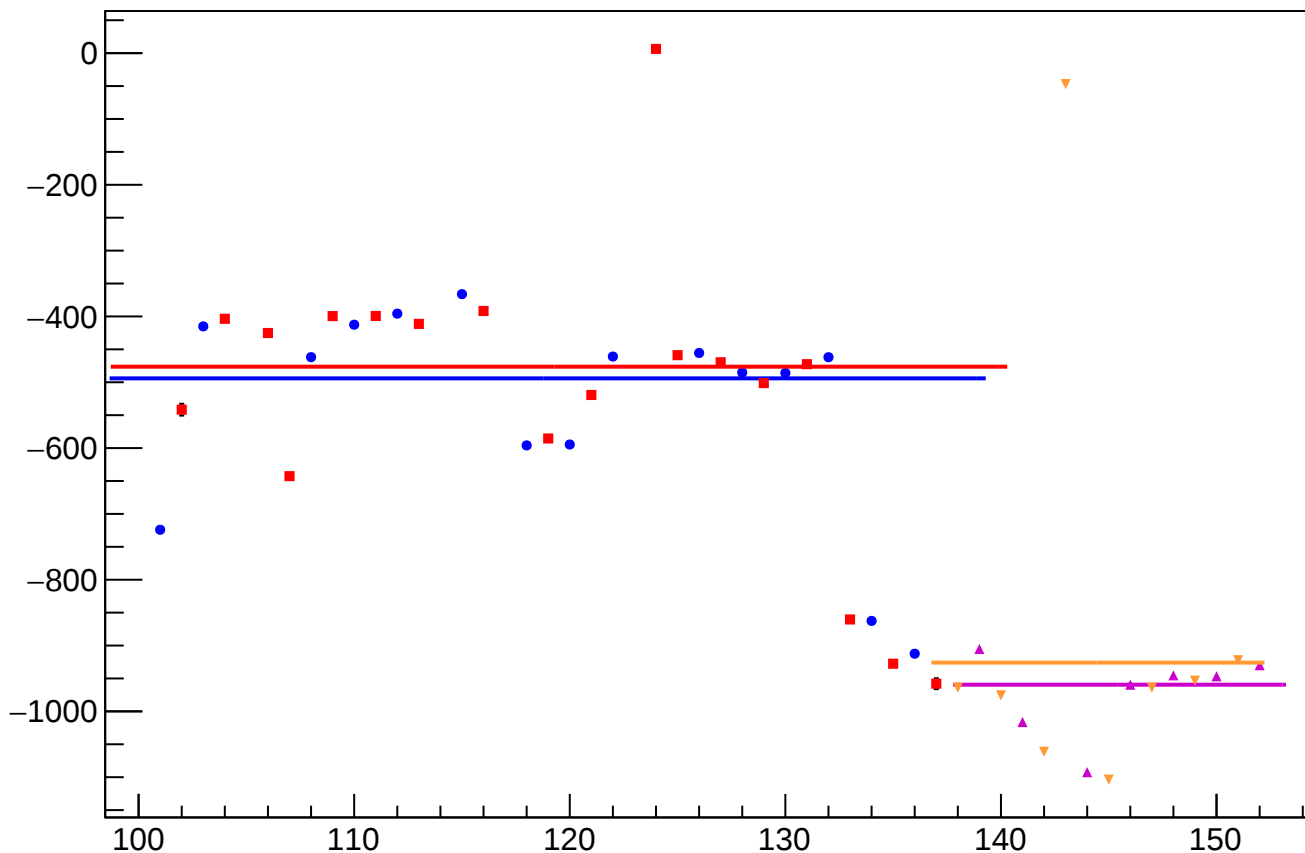
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.052 ± 0.022 $\chi^2/\text{NDF}: 12499.7/21$

Out: -16.691 ± 0.026 $\chi^2/\text{NDF}: 46349.3/25$

All: -18.095 ± 0.017 $\chi^2/\text{NDF}: 63717.1/47$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -925.902 ± 0.347 $\chi^2/\text{NDF}: 295362.5/7$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -959.471 ± 0.338 $\chi^2/\text{NDF}: 16897.5/6$

Left: -943.144 ± 0.242 $\chi^2/\text{NDF}: 317058.9/14$

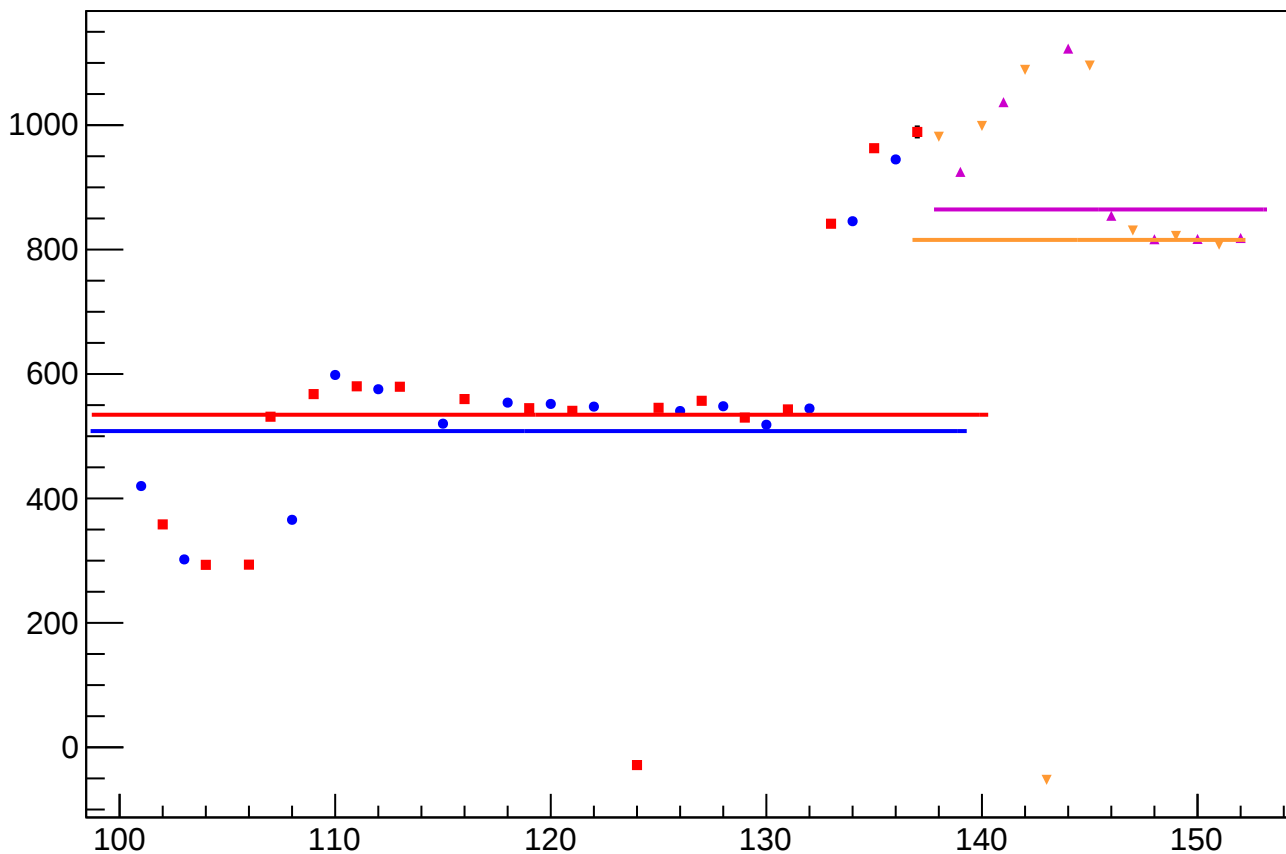
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -643.242 ± 0.191 $\chi^2/\text{NDF}: 1631524.0/21$

Out: -575.825 ± 0.163 $\chi^2/\text{NDF}: 2194331.0/25$

All: -604.253 ± 0.124 $\chi^2/\text{NDF}: 3897663.7/47$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 815.546 $\pm$ 0.279 χ^2 /NDF: 401990.5/7

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 864.473 $\pm$ 0.299 χ^2 /NDF: 84089.4/6

Left: 838.306 $\pm$ 0.204 χ^2 /NDF: 500404.4/14

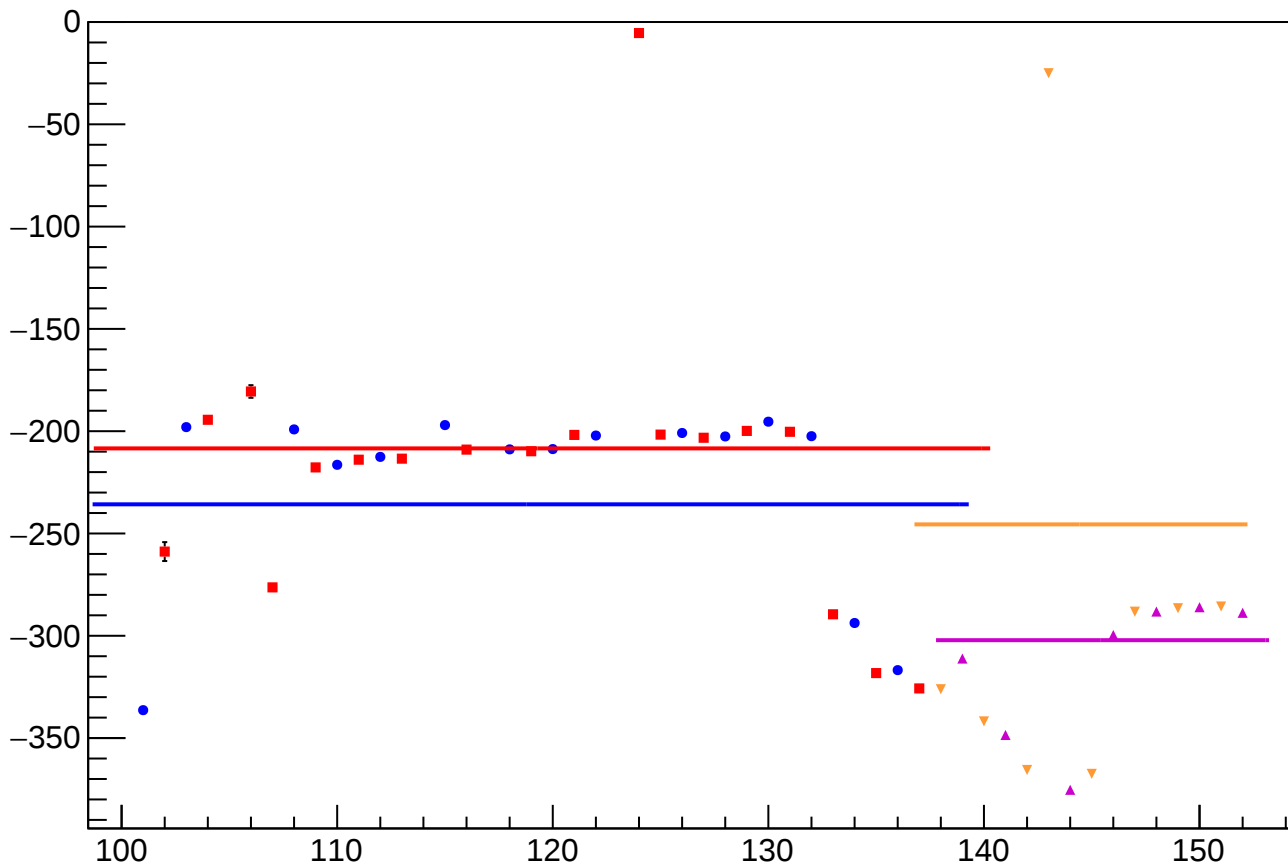
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 634.630 $\pm$ 0.178 χ^2 /NDF: 1439602.5/21

Out: 640.650 $\pm$ 0.171 χ^2 /NDF: 1402490.0/25

All: 637.756 $\pm$ 0.123 χ^2 /NDF: 2842686.2/47

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -245.551+/-0.043 χ^2/NDF : 5507238.8/7

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -302.153+/-0.055 χ^2/NDF : 218003.5/6

Left: -266.668+/-0.034 χ^2/NDF : 6384044.5/14

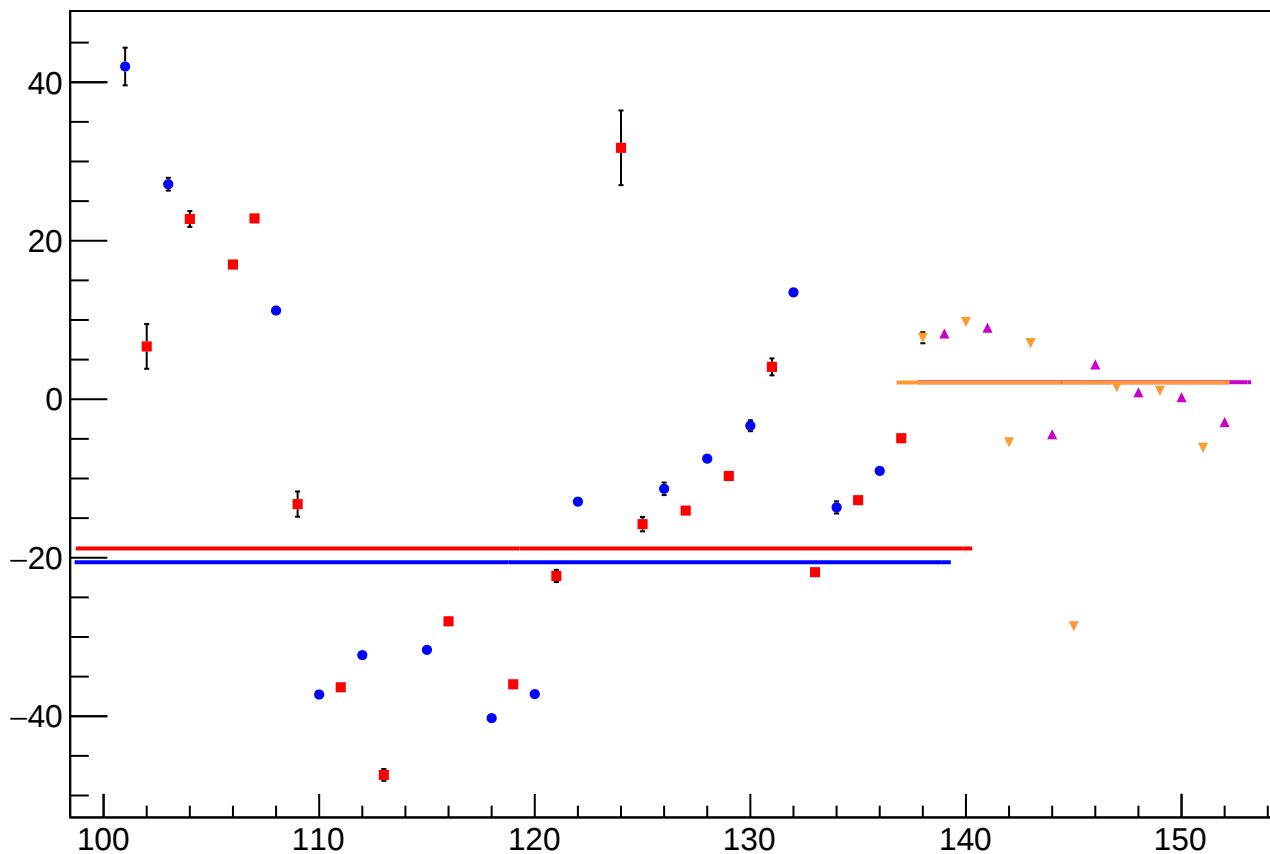
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -268.955+/-0.039 χ^2/NDF : 1817297.6/21

Out: -228.704+/-0.031 χ^2/NDF : 6227131.8/25

All: -244.563+/-0.025 χ^2/NDF : 8688413.9/47

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 2.114 ± 0.050 χ^2/NDF : 7940.9/7

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.149 ± 0.039 χ^2/NDF : 7329.0/6

Left: 2.136 ± 0.031 χ^2/NDF : 15270.3/14

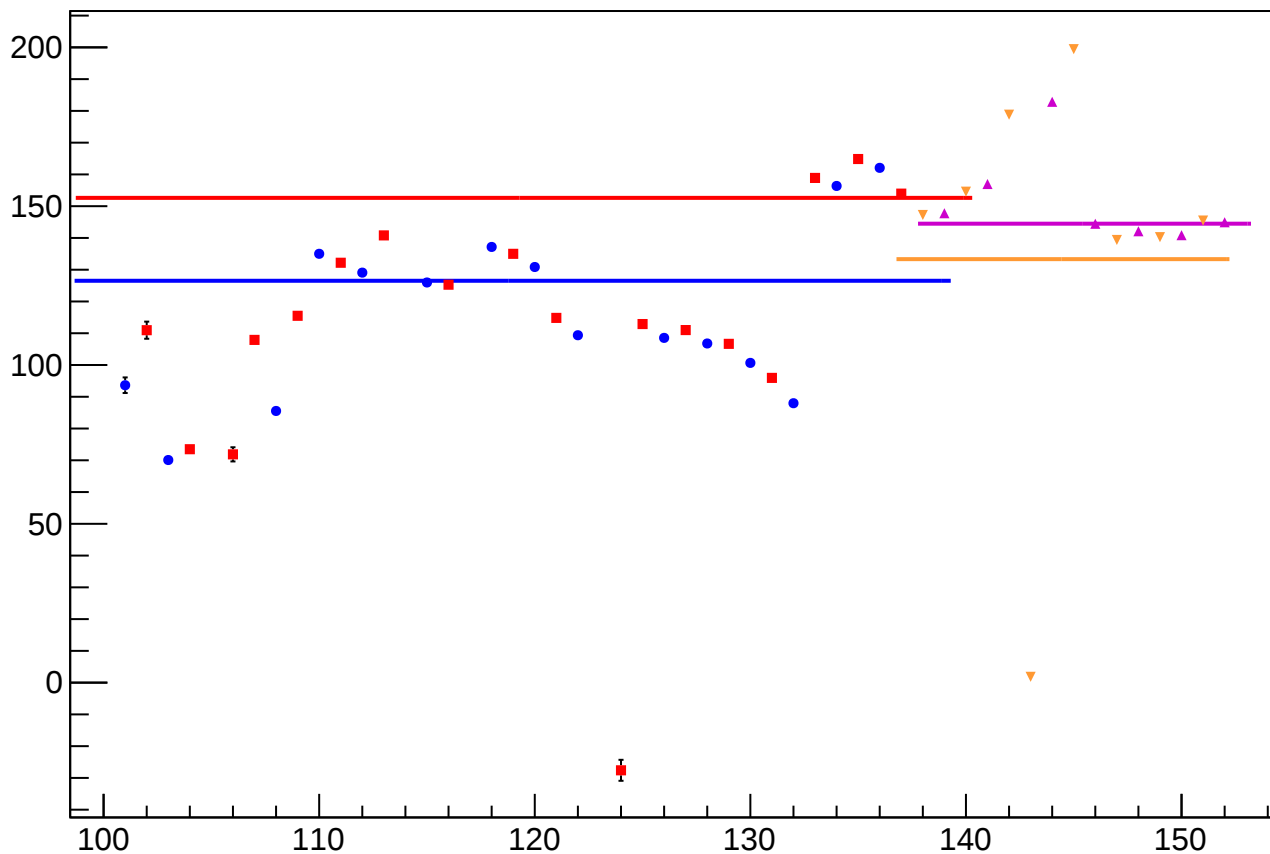
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -3.090 ± 0.034 χ^2/NDF : 148761.1/21

Out: -1.555 ± 0.045 χ^2/NDF : 59813.2/25

All: -2.530 ± 0.027 χ^2/NDF : 209306.5/47

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 133.327 $\pm$ 0.060 χ^2 /NDF: 382130.9/7

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 144.490 $\pm$ 0.050 χ^2 /NDF: 20646.2/6

Left: 139.919 $\pm$ 0.039 χ^2 /NDF: 422917.4/14

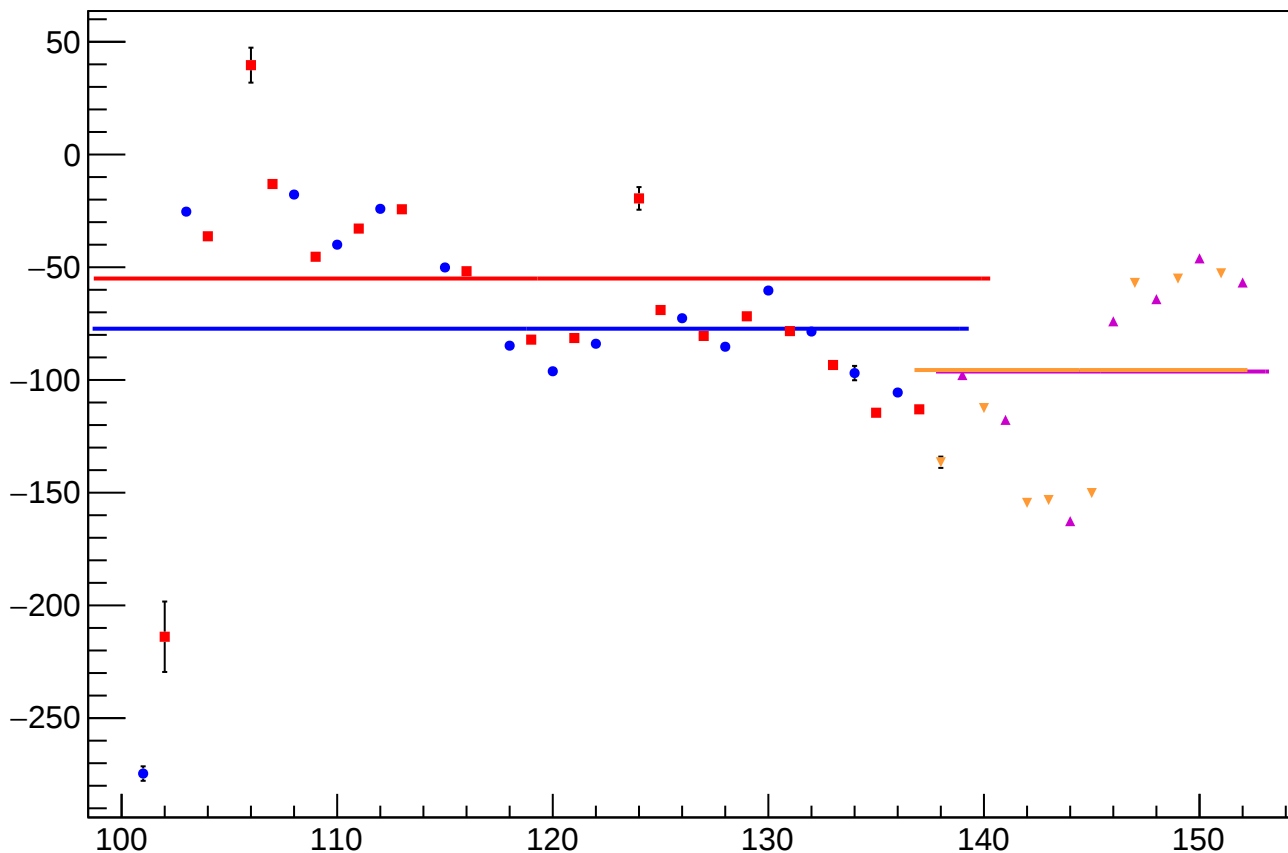
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 139.742 $\pm$ 0.043 χ^2 /NDF: 169300.4/21

Out: 148.735 $\pm$ 0.027 χ^2 /NDF: 537511.5/25

All: 146.190 $\pm$ 0.023 χ^2 /NDF: 737920.6/47

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -95.597 ± 0.200 $\chi^2/\text{NDF}: 45005.8/7$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -96.259 ± 0.187 $\chi^2/\text{NDF}: 43127.5/6$

Left: -95.950 ± 0.136 $\chi^2/\text{NDF}: 88139.2/14$

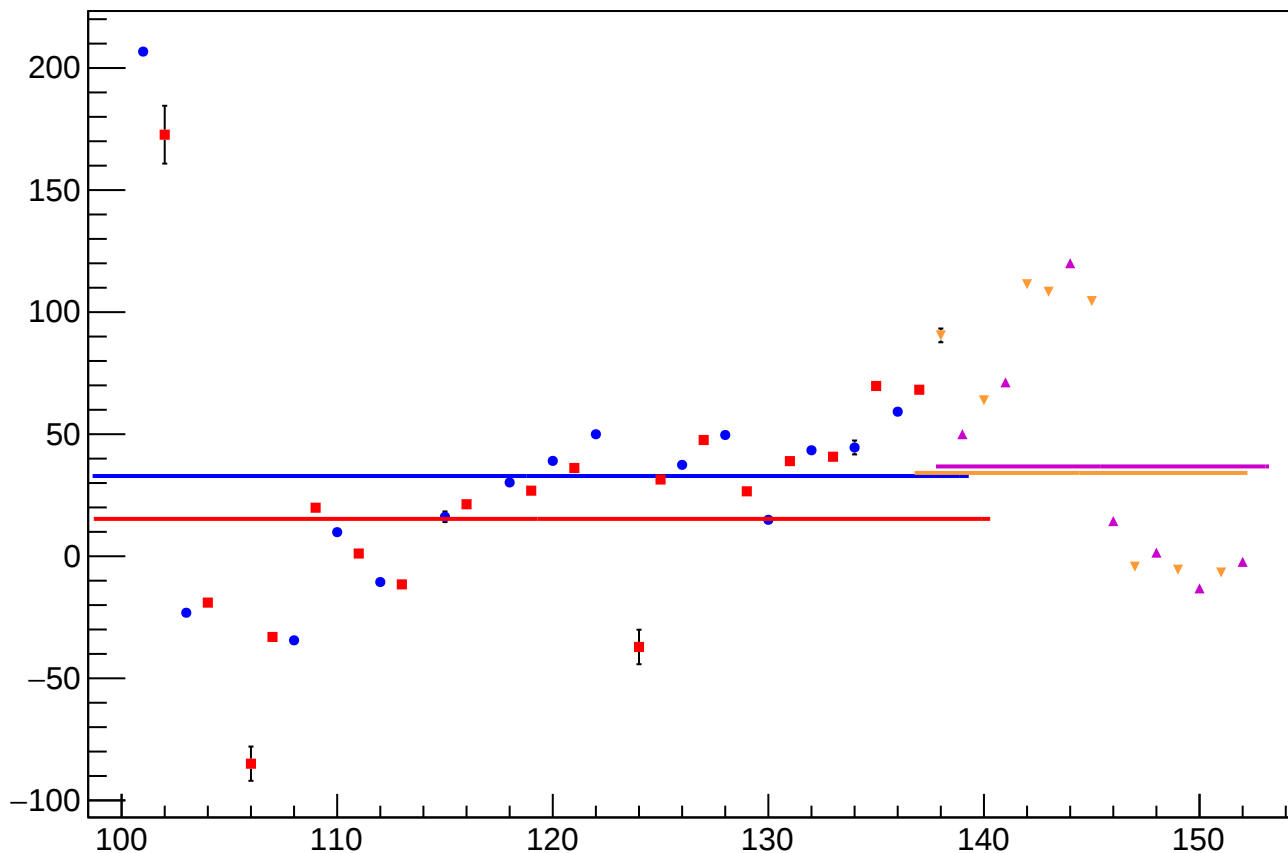
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.503 ± 0.115 $\chi^2/\text{NDF}: 79898.6/21$

Out: -74.317 ± 0.138 $\chi^2/\text{NDF}: 90289.6/25$

All: -80.311 ± 0.088 $\chi^2/\text{NDF}: 173405.3/47$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 34.140 ± 0.179 $\chi^2/\text{NDF}: 73969.5/7$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 36.793 ± 0.169 $\chi^2/\text{NDF}: 67452.5/6$

Left: 35.548 ± 0.123 $\chi^2/\text{NDF}: 141538.2/14$

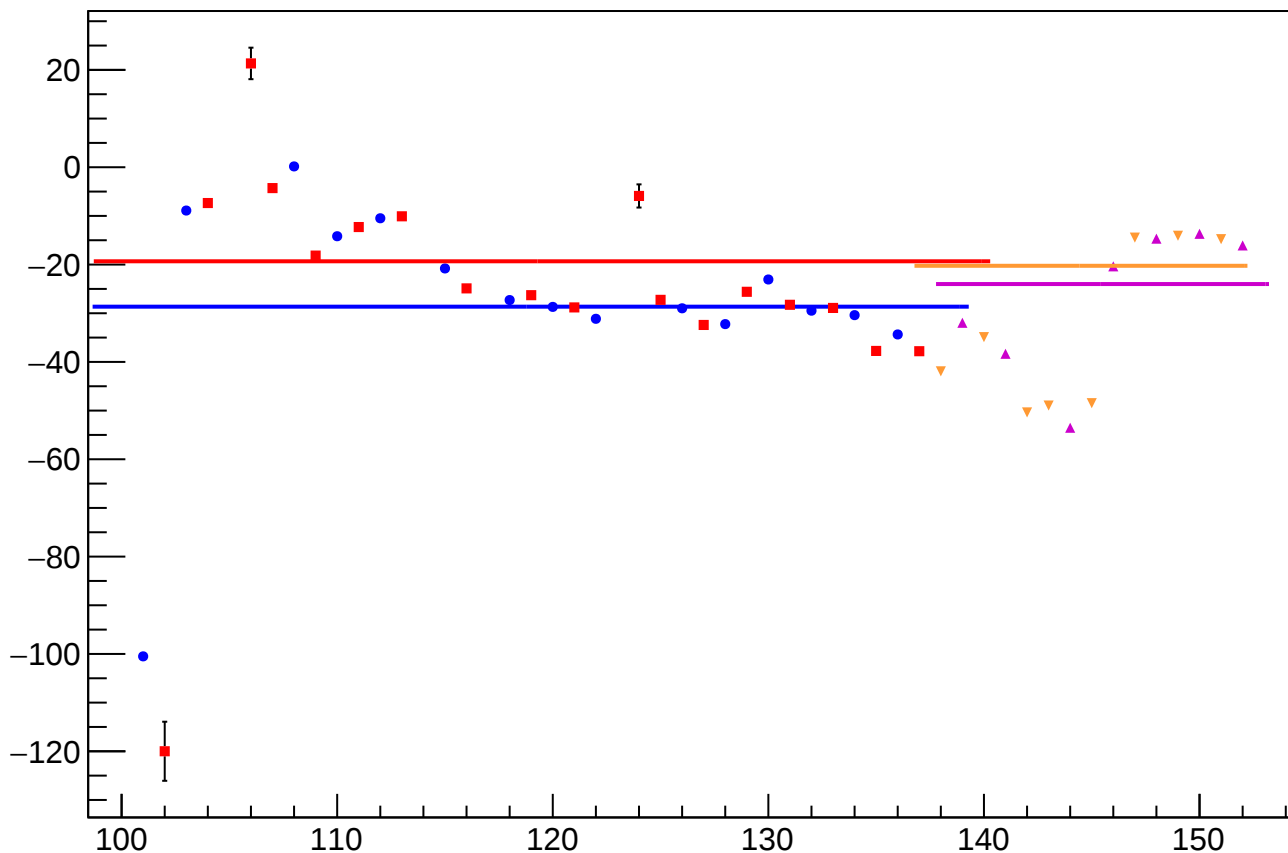
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 34.550 ± 0.110 $\chi^2/\text{NDF}: 99155.7/21$

Out: 26.183 ± 0.136 $\chi^2/\text{NDF}: 95373.6/25$

All: 31.236 ± 0.086 $\chi^2/\text{NDF}: 196805.0/47$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -20.248 ± 0.027 $\chi^2/\text{NDF}: 209615.1/7$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -24.000 ± 0.029 $\chi^2/\text{NDF}: 151030.9/6$

Left: -22.009 ± 0.020 $\chi^2/\text{NDF}: 369797.3/14$

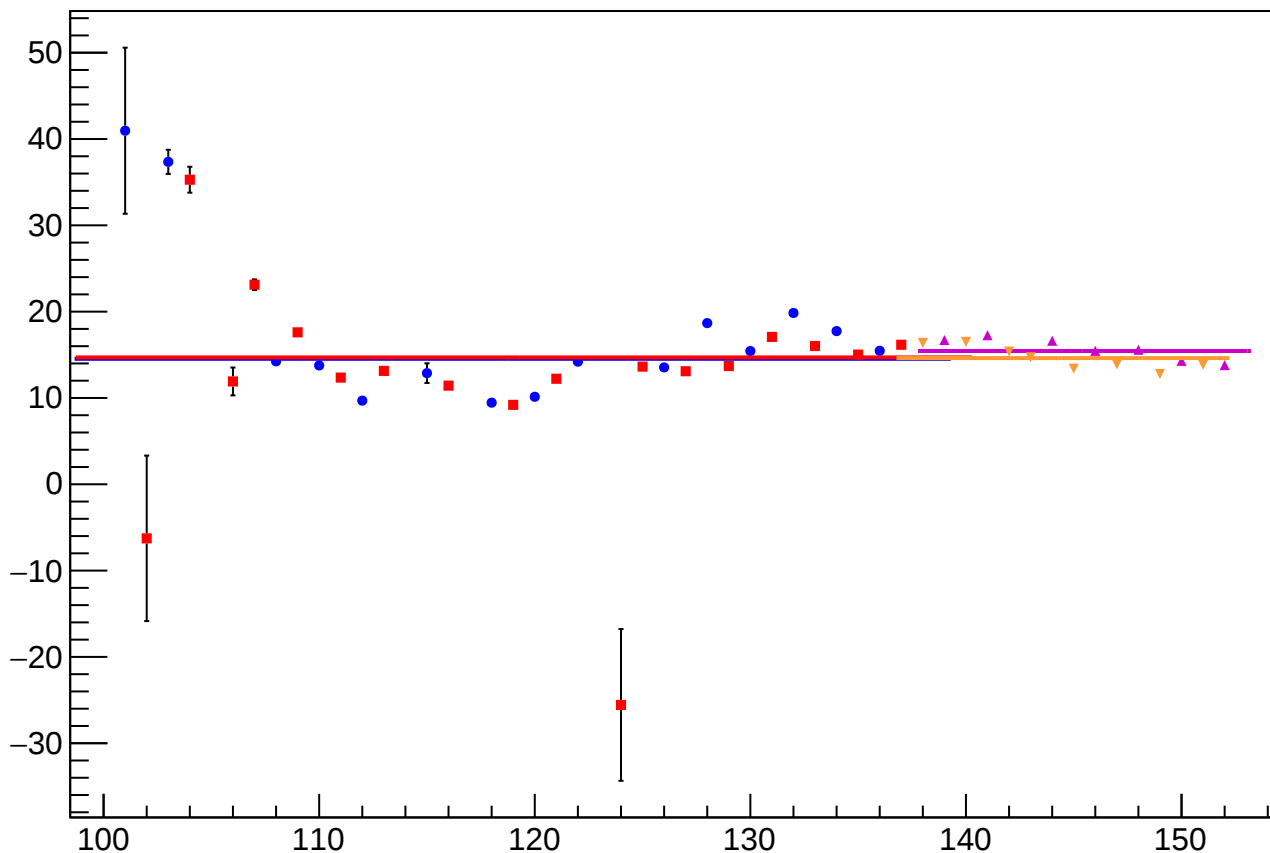
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -25.906 ± 0.022 $\chi^2/\text{NDF}: 275324.0/21$

Out: -19.954 ± 0.022 $\chi^2/\text{NDF}: 266569.8/25$

All: -22.963 ± 0.016 $\chi^2/\text{NDF}: 578265.1/47$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 14.622+/-0.026 χ^2/NDF : 2725.9/7

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.441+/-0.024 χ^2/NDF : 2637.5/6

Left: 15.065+/-0.017 χ^2/NDF : 5907.4/14

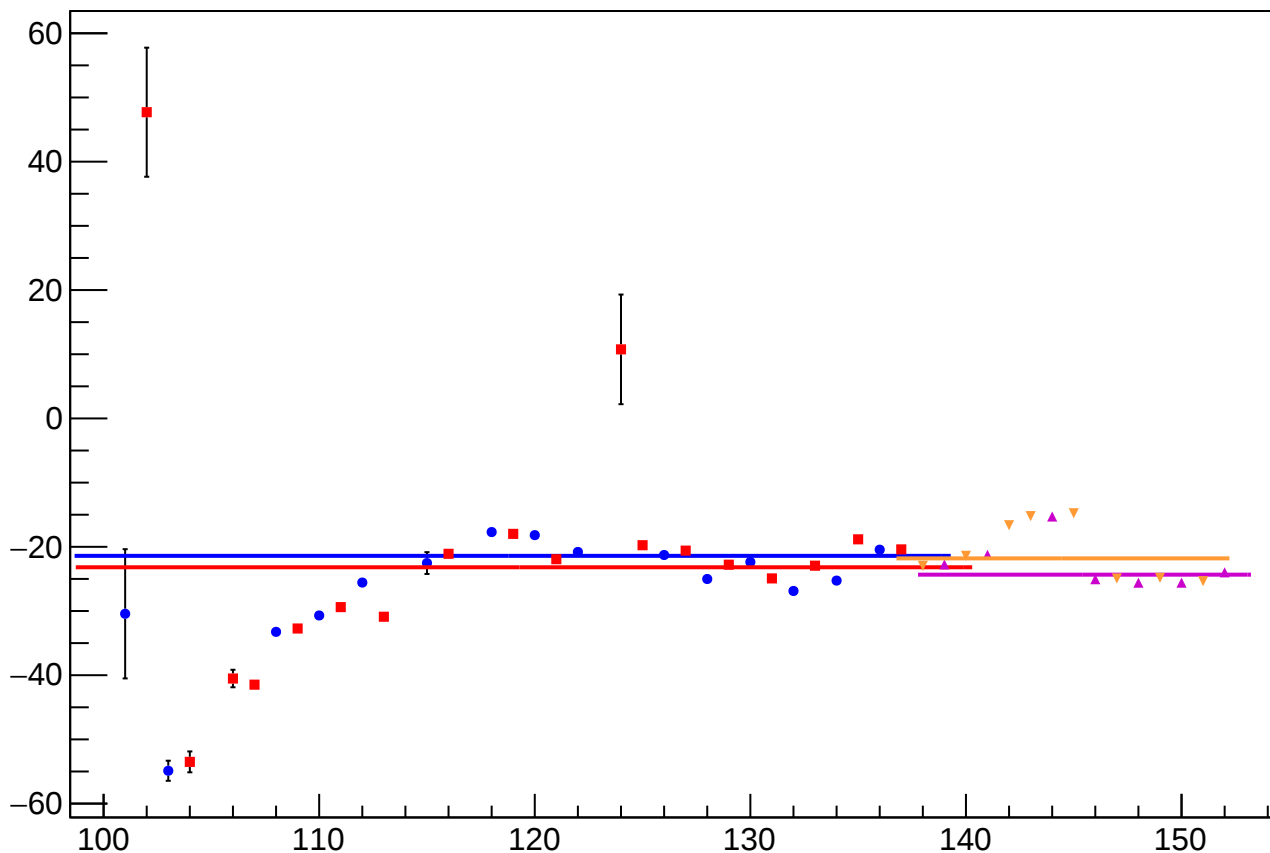
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.090+/-0.019 χ^2/NDF : 15269.1/21

Out: 14.641+/-0.022 χ^2/NDF : 4361.0/25

All: 14.905+/-0.014 χ^2/NDF : 19870.2/47

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -21.801 ± 0.027 $\chi^2/\text{NDF}: 23841.3/7$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.338 ± 0.027 $\chi^2/\text{NDF}: 7291.2/6$

Left: -23.099 ± 0.019 $\chi^2/\text{NDF}: 35533.8/14$

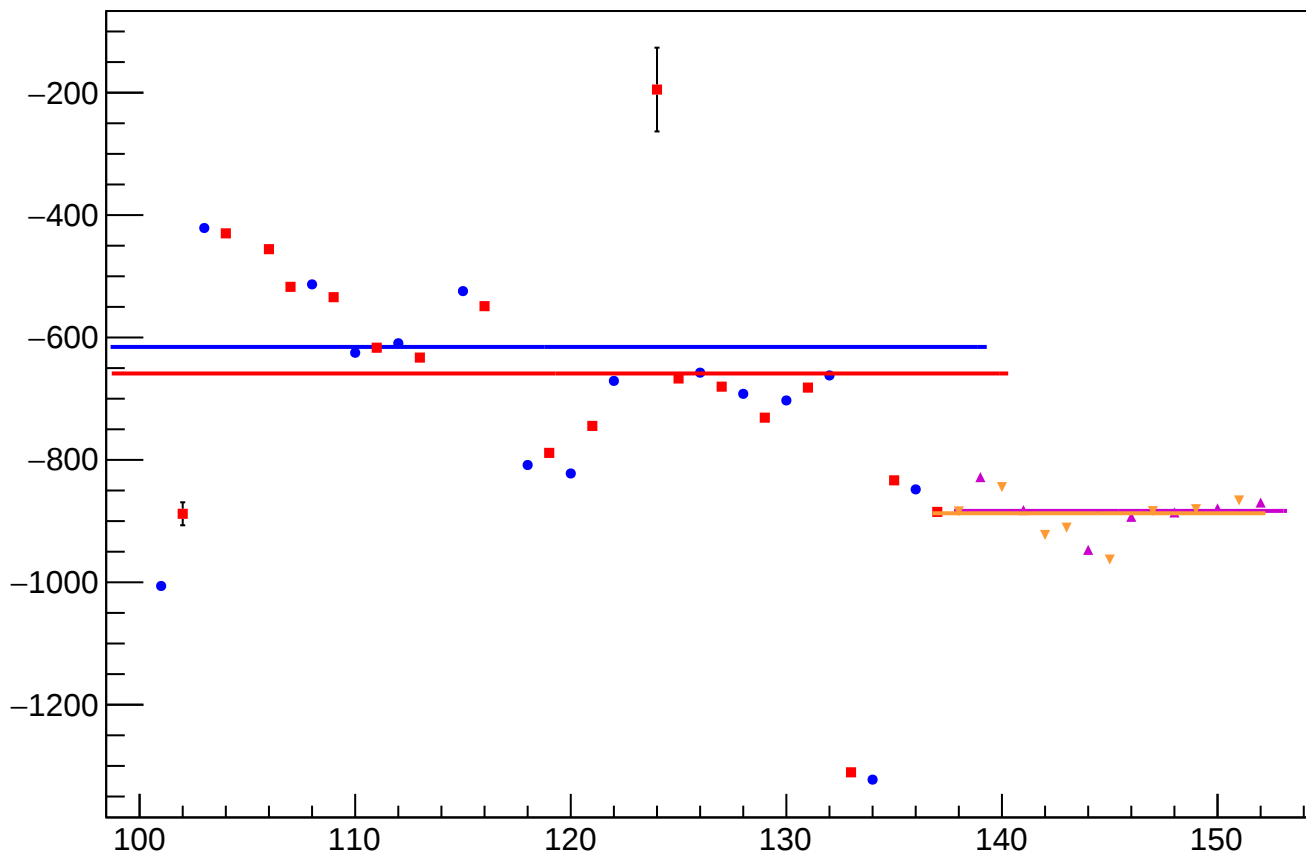
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.280 ± 0.021 $\chi^2/\text{NDF}: 21320.1/21$

Out: -22.109 ± 0.024 $\chi^2/\text{NDF}: 33539.0/25$

All: -22.765 ± 0.016 $\chi^2/\text{NDF}: 56178.9/47$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 χ^2/NDF : 382819.1/14

Left Out: -887.187 ± 0.264 χ^2/NDF : 10442.8/7

Right Out: -658.787 ± 0.256 χ^2/NDF : 385262.6/17

Left In: -883.328 ± 0.213 χ^2/NDF : 8624.7/6

Left: -884.853 ± 0.166 χ^2/NDF : 19196.7/14

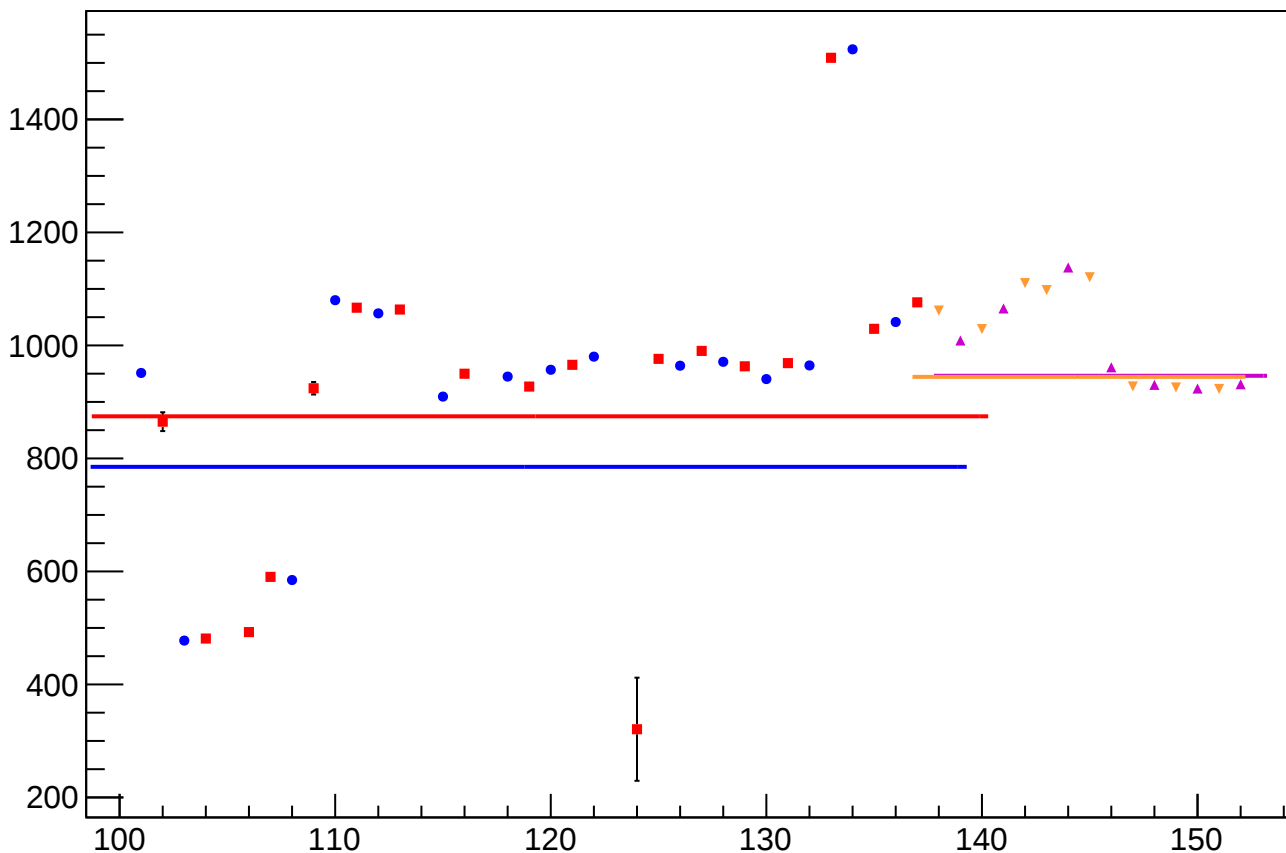
Right: -635.464 ± 0.174 χ^2/NDF : 783480.4/32

In: -763.669 ± 0.159 χ^2/NDF : 1094973.0/21

Out: -769.567 ± 0.184 χ^2/NDF : 780892.2/25

All: -766.188 ± 0.120 χ^2/NDF : 1876454.4/47

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.351+/-0.206 χ^2/NDF : 67765.5/7

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 946.266+/-0.179 χ^2/NDF : 72745.7/6

Left: 945.438+/-0.135 χ^2/NDF : 140560.4/14

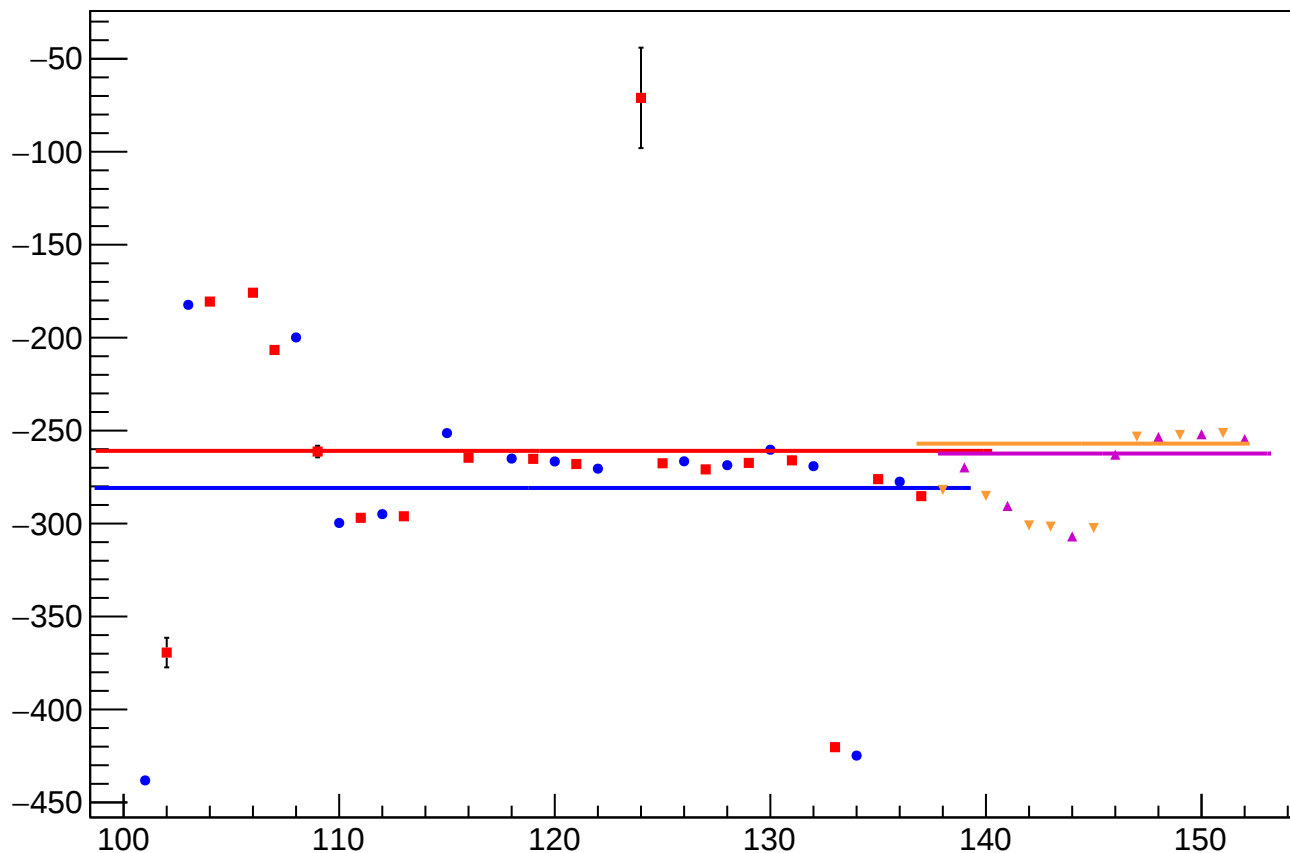
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 884.659+/-0.141 χ^2/NDF : 1267476.2/21

Out: 917.657+/-0.162 χ^2/NDF : 954469.2/25

All: 898.928+/-0.106 χ^2/NDF : 2245631.7/47

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 $\pm$ 0.059 χ^2/NDF : 873611.1/14

Left Out: -257.004 $\pm$ 0.036 χ^2/NDF : 152397.4/7

Right Out: -260.897 $\pm$ 0.068 χ^2/NDF : 347717.5/17

Left In: -262.344 $\pm$ 0.038 χ^2/NDF : 161561.7/6

Left: -259.524 $\pm$ 0.026 χ^2/NDF : 324609.4/14

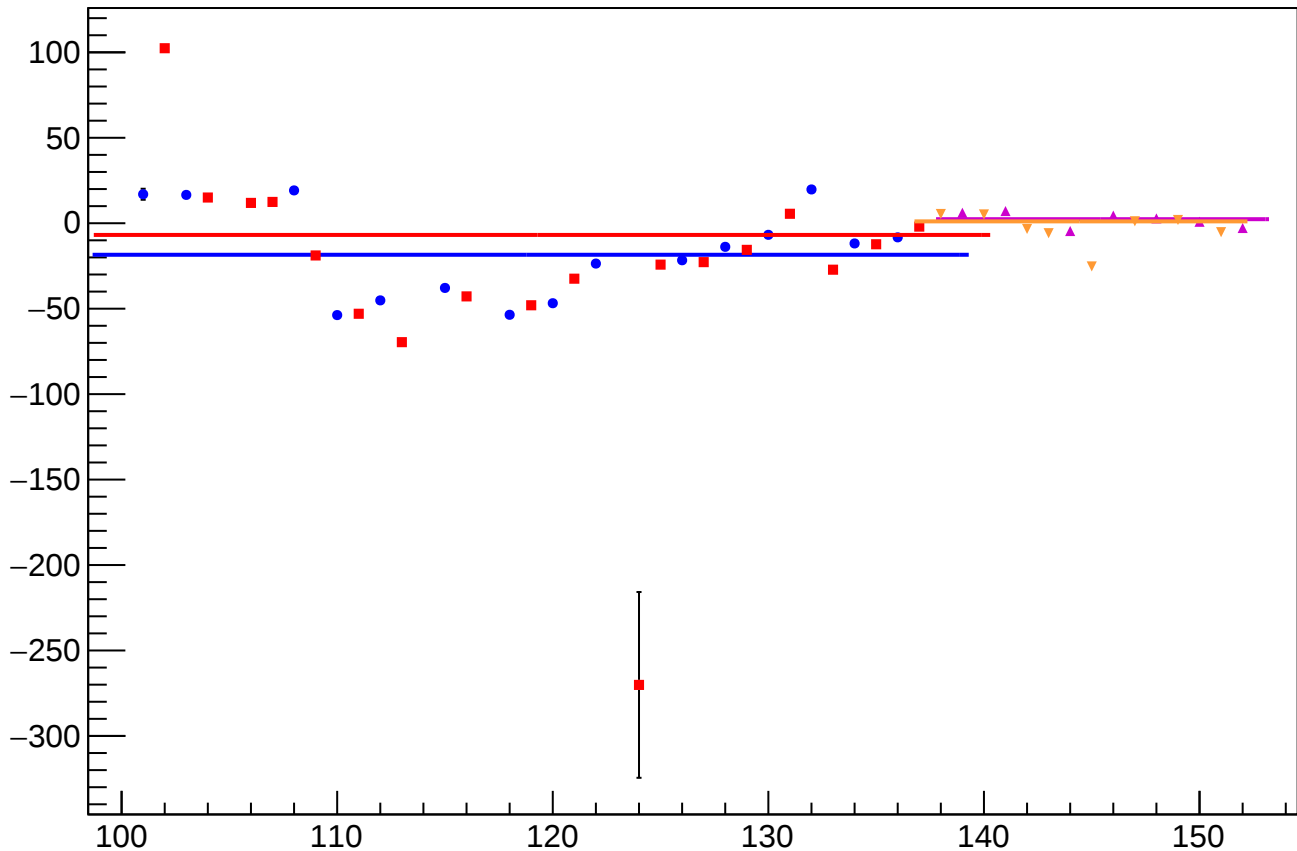
Right: -272.298 $\pm$ 0.044 χ^2/NDF : 1271185.3/32

In: -267.751 $\pm$ 0.032 χ^2/NDF : 1105982.8/21

Out: -257.848 $\pm$ 0.031 χ^2/NDF : 502715.2/25

All: -262.771 $\pm$ 0.022 χ^2/NDF : 1657977.0/47

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 1.090 ± 0.055 $\chi^2/\text{NDF}: 5868.8/7$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 2.368 ± 0.041 $\chi^2/\text{NDF}: 4216.0/6$

Left: 1.906 ± 0.033 $\chi^2/\text{NDF}: 10430.6/14$

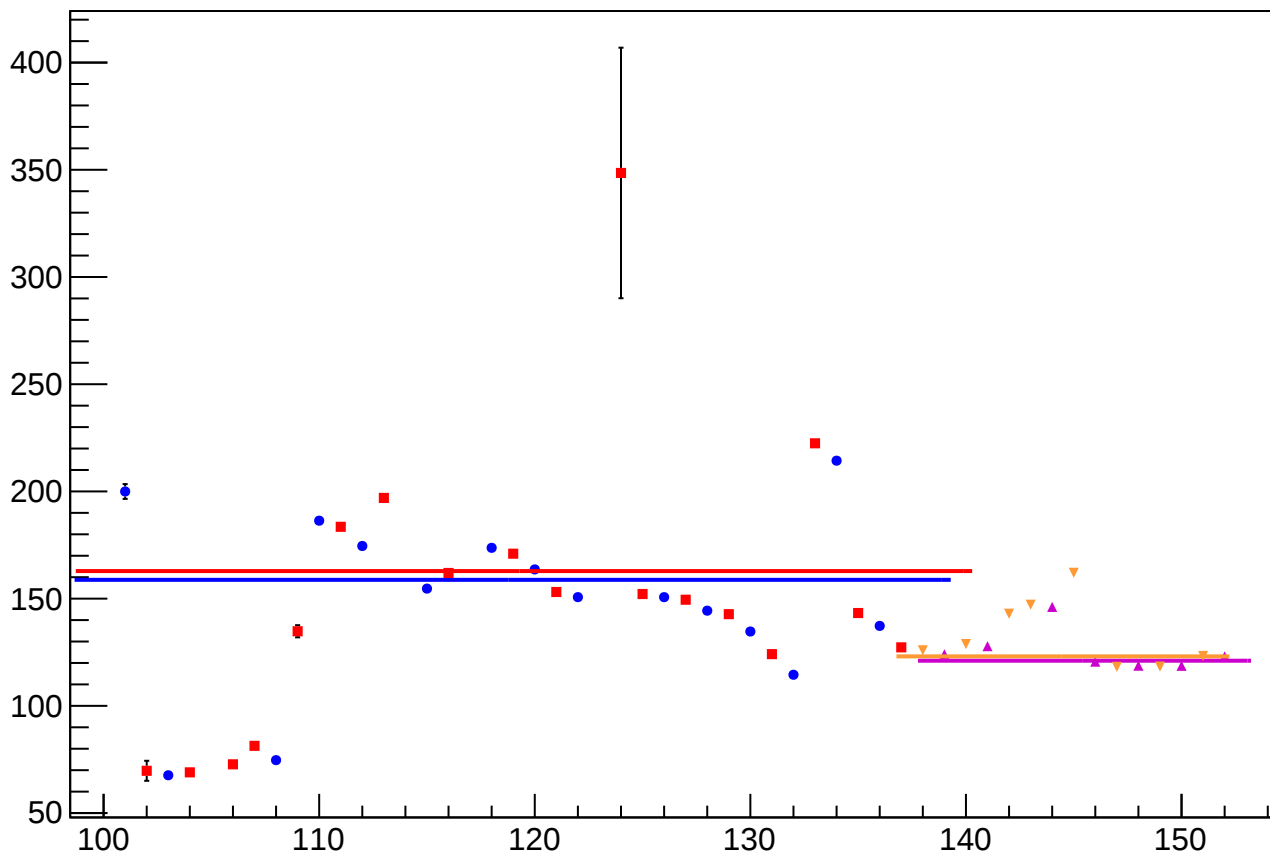
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -1.178 ± 0.038 $\chi^2/\text{NDF}: 93962.5/21$

Out: -2.239 ± 0.042 $\chi^2/\text{NDF}: 64652.1/25$

All: -1.653 ± 0.028 $\chi^2/\text{NDF}: 158969.4/47$

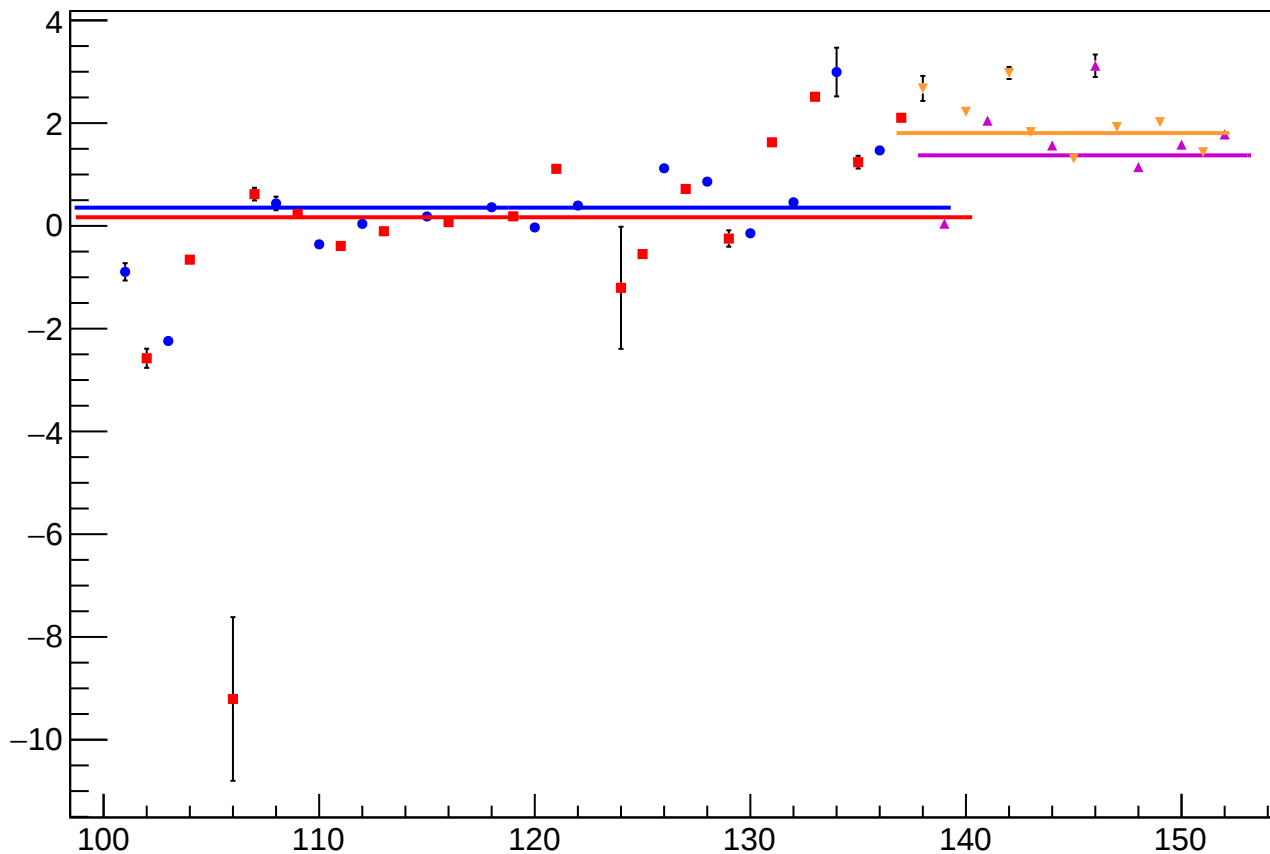
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 123.075 $\pm$ 0.055 χ^2 /NDF: 30798.4/7
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 121.051 $\pm$ 0.044 χ^2 /NDF: 12991.8/6

Left: 121.837 $\pm$ 0.035 χ^2 /NDF: 44604.8/14
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 128.609 $\pm$ 0.040 χ^2 /NDF: 317907.8/21
 Out: 133.472 $\pm$ 0.048 χ^2 /NDF: 321354.3/25
 All: 130.590 $\pm$ 0.030 χ^2 /NDF: 645427.6/47

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.806 ± 0.017 χ^2/NDF : 425.4/7

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.373 ± 0.012 χ^2/NDF : 2745.1/6

Left: 1.513 ± 0.010 χ^2/NDF : 3591.0/14

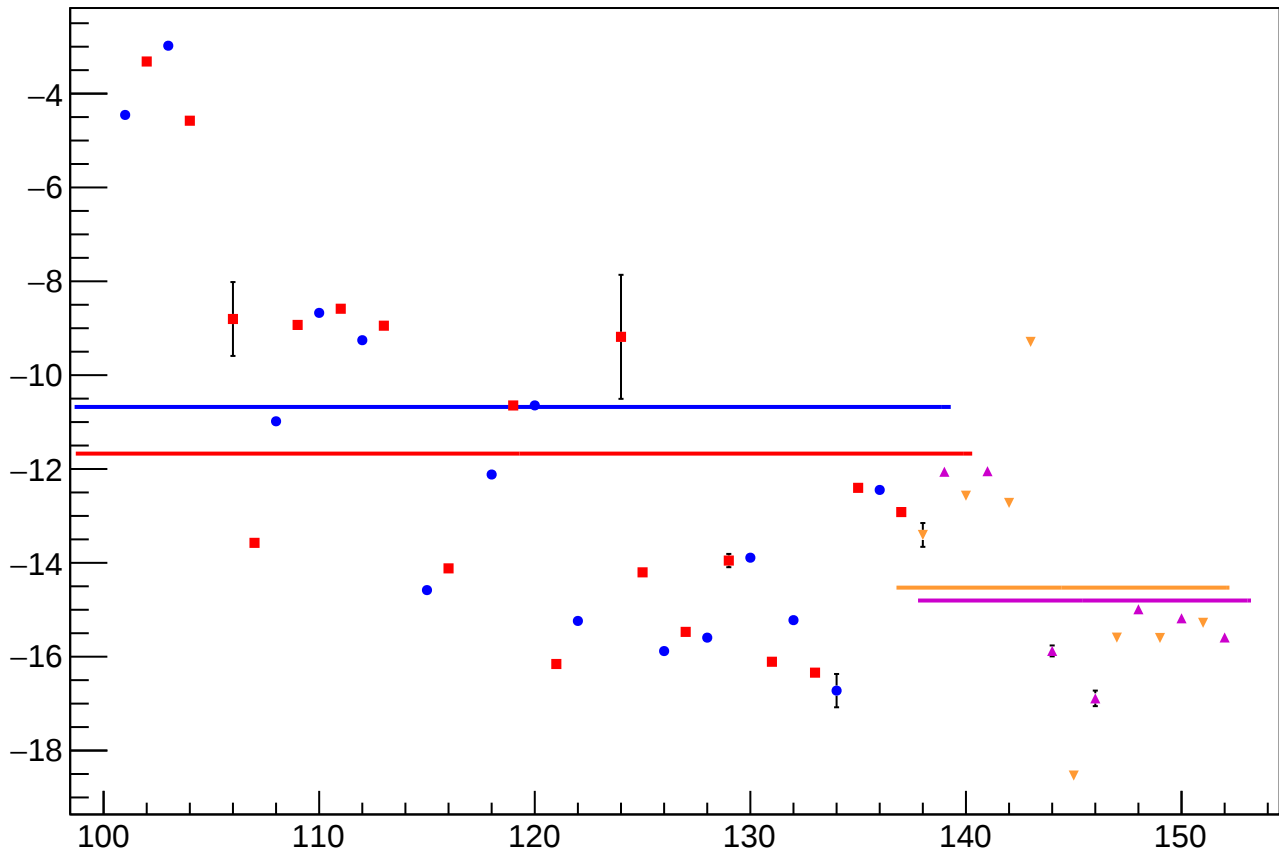
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.854 ± 0.008 χ^2/NDF : 10427.6/21

Out: 0.433 ± 0.007 χ^2/NDF : 12450.8/25

All: 0.605 ± 0.005 χ^2/NDF : 24359.0/47

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2 /NDF: 226791.0/14

Left Out: -14.528 $\pm$ 0.014 χ^2 /NDF:28307.6/7

Right Out: -11.672 $\pm$ 0.012 χ^2 /NDF: 107844.6/17

Left In: -14.803 $\pm$ 0.011 χ^2 /NDF:9921.2/6

Left: -14.695 $\pm$ 0.009 χ^2 /NDF: 38453.0/14

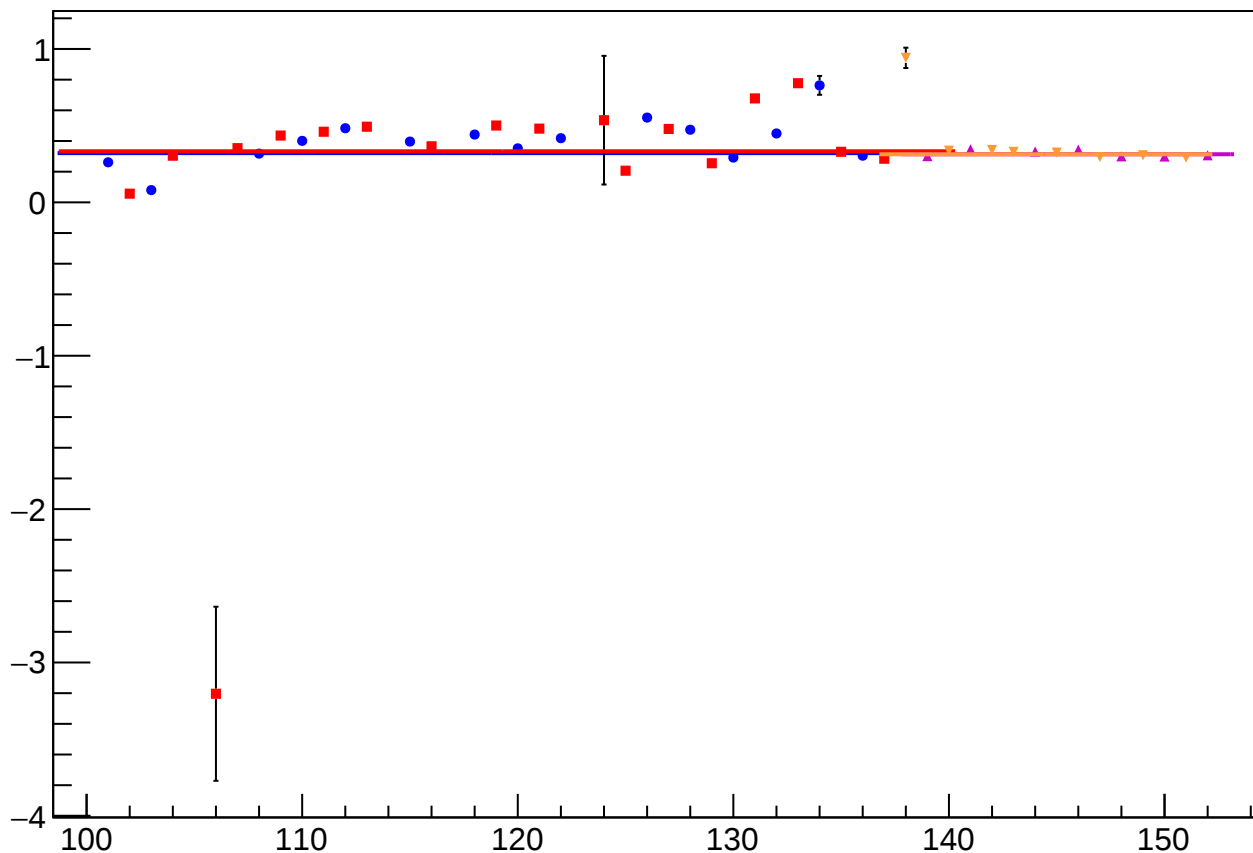
Right: -11.113 $\pm$ 0.008 χ^2 /NDF: 338735.1/32

In: -12.511 $\pm$ 0.008 χ^2 /NDF:308307.1/21

Out: -12.809 $\pm$ 0.009 χ^2 /NDF:160125.0/25

All: -12.636 $\pm$ 0.006 χ^2 /NDF: 469066.2/47

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.313+/-0.000 χ^2/NDF :2067.1/7

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.314+/-0.000 χ^2/NDF :1365.1/6

Left: 0.313+/-0.000 χ^2/NDF : 3432.4/14

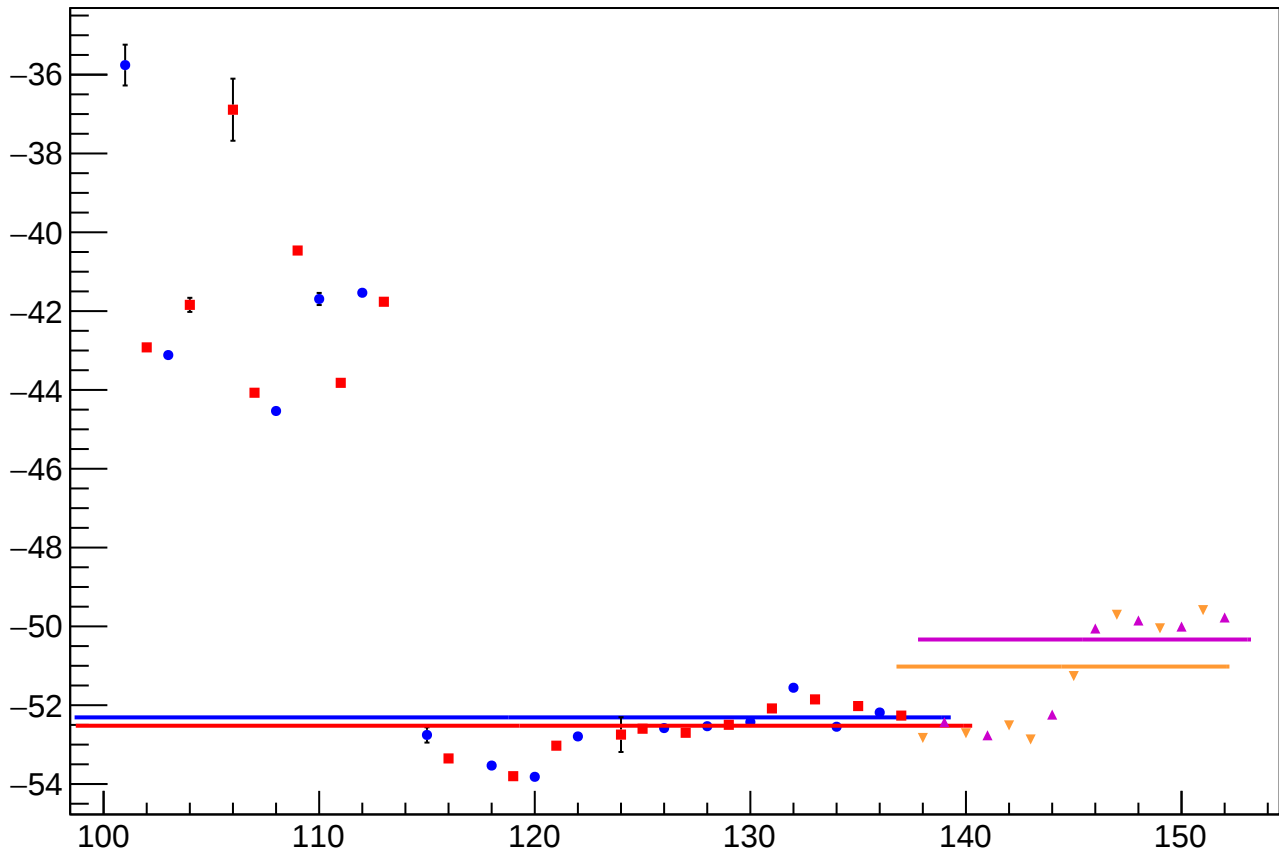
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.315+/-0.000 χ^2/NDF :5432.4/21

Out: 0.315+/-0.000 χ^2/NDF :6458.4/25

All: 0.315+/-0.000 χ^2/NDF : 11891.5/47

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -51.019 ± 0.004 χ^2/NDF : 171081.0/7

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.333 ± 0.002 χ^2/NDF : 147898.9/6

Left: -50.552 ± 0.002 χ^2/NDF : 345014.9/14

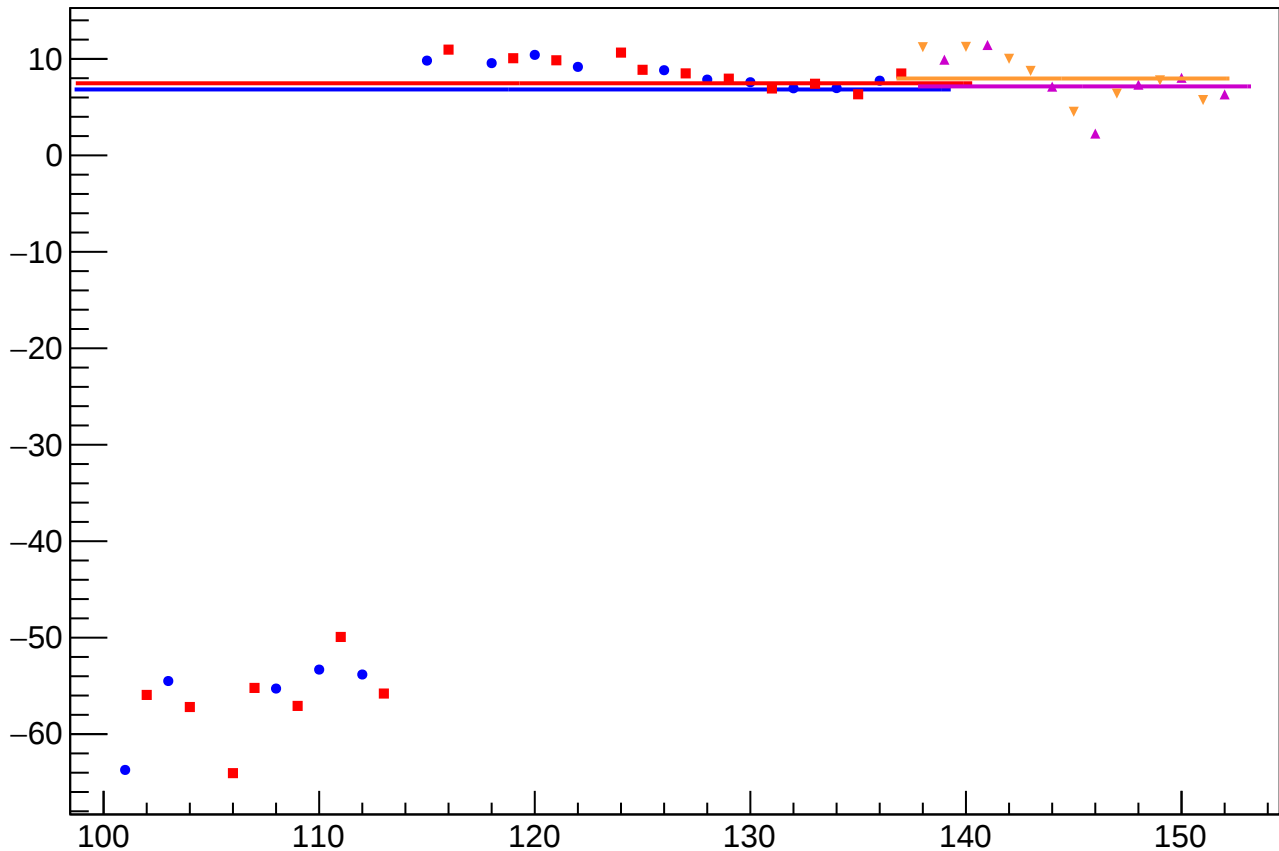
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.785 ± 0.002 χ^2/NDF : 355916.3/21

Out: -51.571 ± 0.003 χ^2/NDF : 314924.4/25

All: -51.071 ± 0.002 χ^2/NDF : 721276.8/47

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.969 ± 0.008 $\chi^2/\text{NDF}: 66943.6/7$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.150 ± 0.006 $\chi^2/\text{NDF}: 88175.8/6$

Left: 7.431 ± 0.005 $\chi^2/\text{NDF}: 161320.0/14$

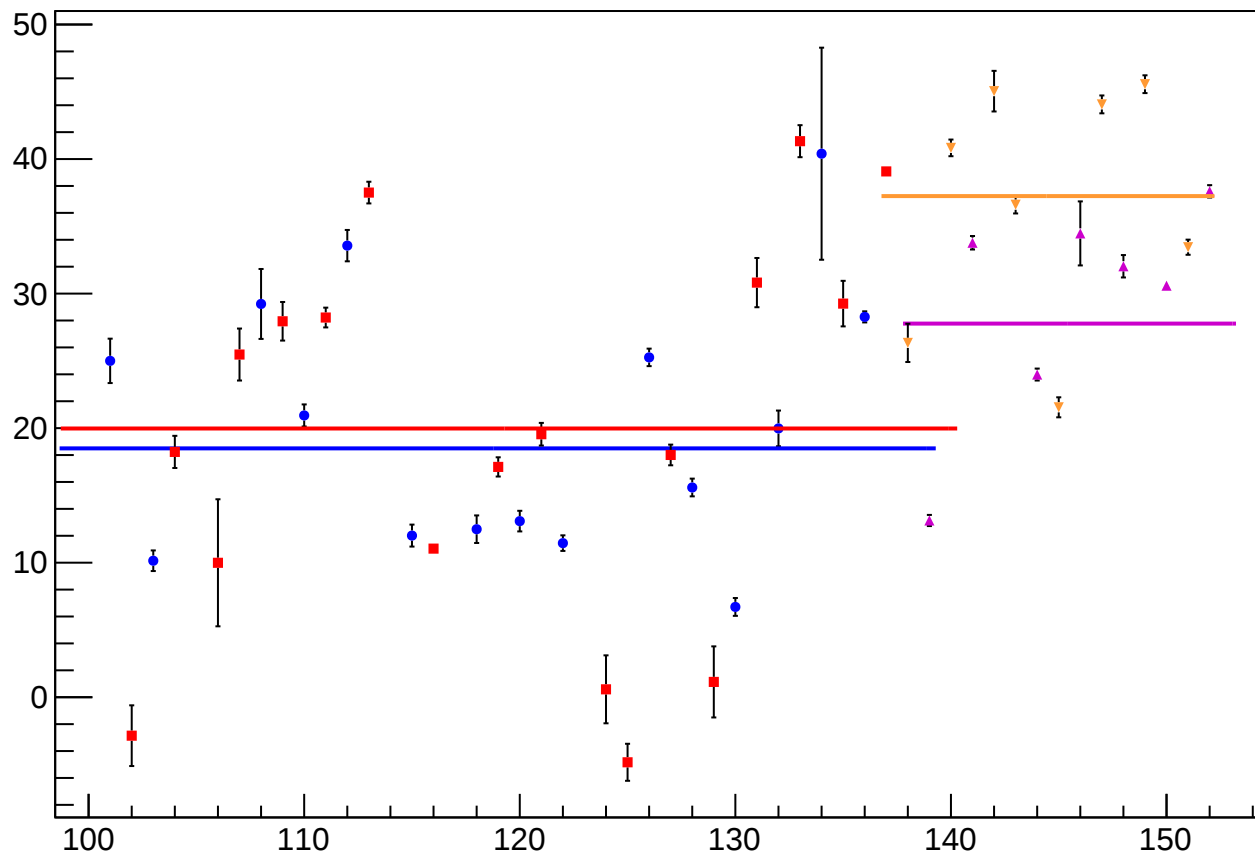
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 6.963 ± 0.004 $\chi^2/\text{NDF}: 1080350.6/21$

Out: 7.746 ± 0.006 $\chi^2/\text{NDF}: 1263999.7/25$

All: 7.182 ± 0.003 $\chi^2/\text{NDF}: 2355659.7/47$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 37.247 ± 0.255 $\chi^2/\text{NDF}: 874.7/7$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 27.770 ± 0.180 $\chi^2/\text{NDF}: 2028.9/6$

Left: 30.936 ± 0.147 $\chi^2/\text{NDF}: 3826.2/14$

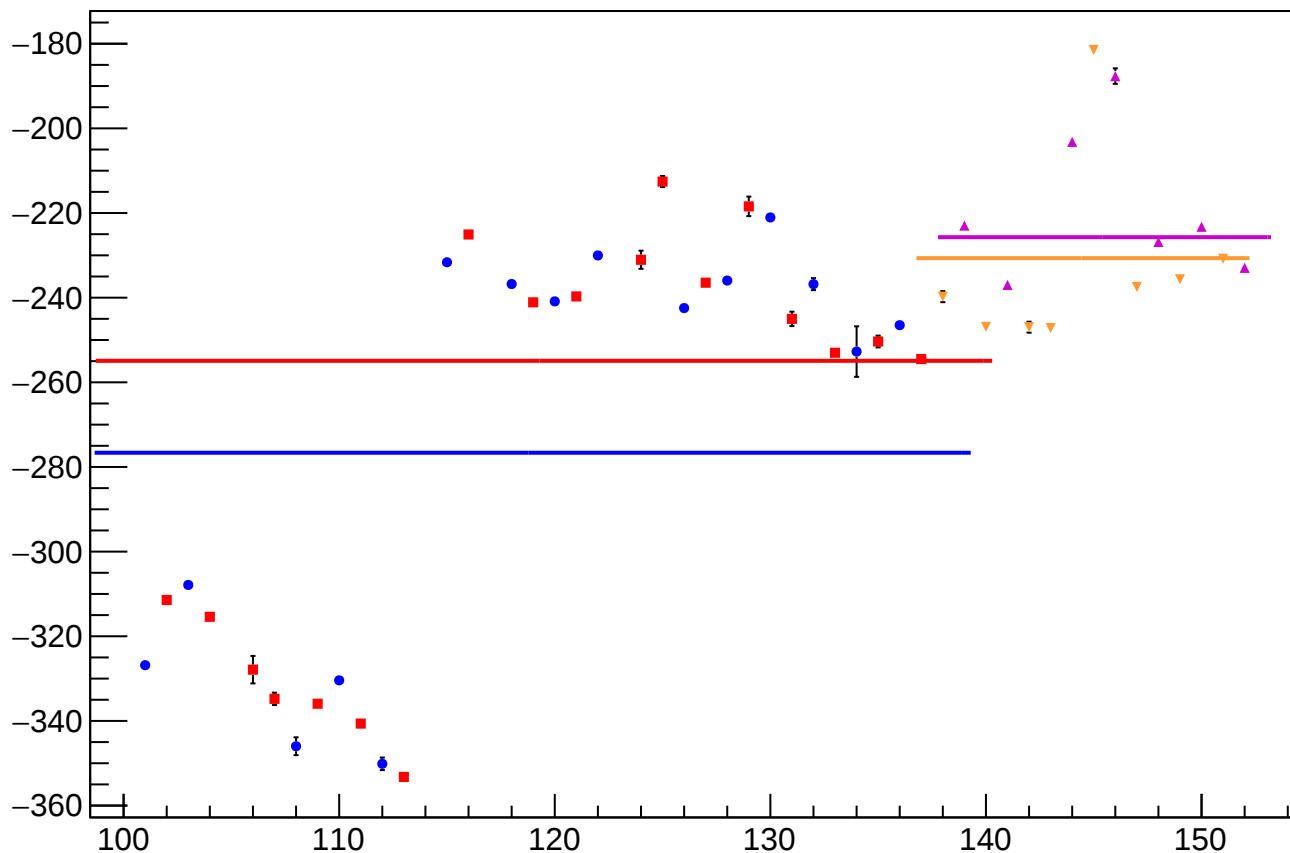
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 23.613 ± 0.134 $\chi^2/\text{NDF}: 4851.3/21$

Out: 23.554 ± 0.116 $\chi^2/\text{NDF}: 13725.0/25$

All: 23.579 ± 0.088 $\chi^2/\text{NDF}: 18576.4/47$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -230.663 $\pm$ 0.206 χ^2 /NDF:10615.3/7

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -225.708 $\pm$ 0.158 χ^2 /NDF:2520.7/6

Left: -227.538 $\pm$ 0.125 χ^2 /NDF: 13500.7/14

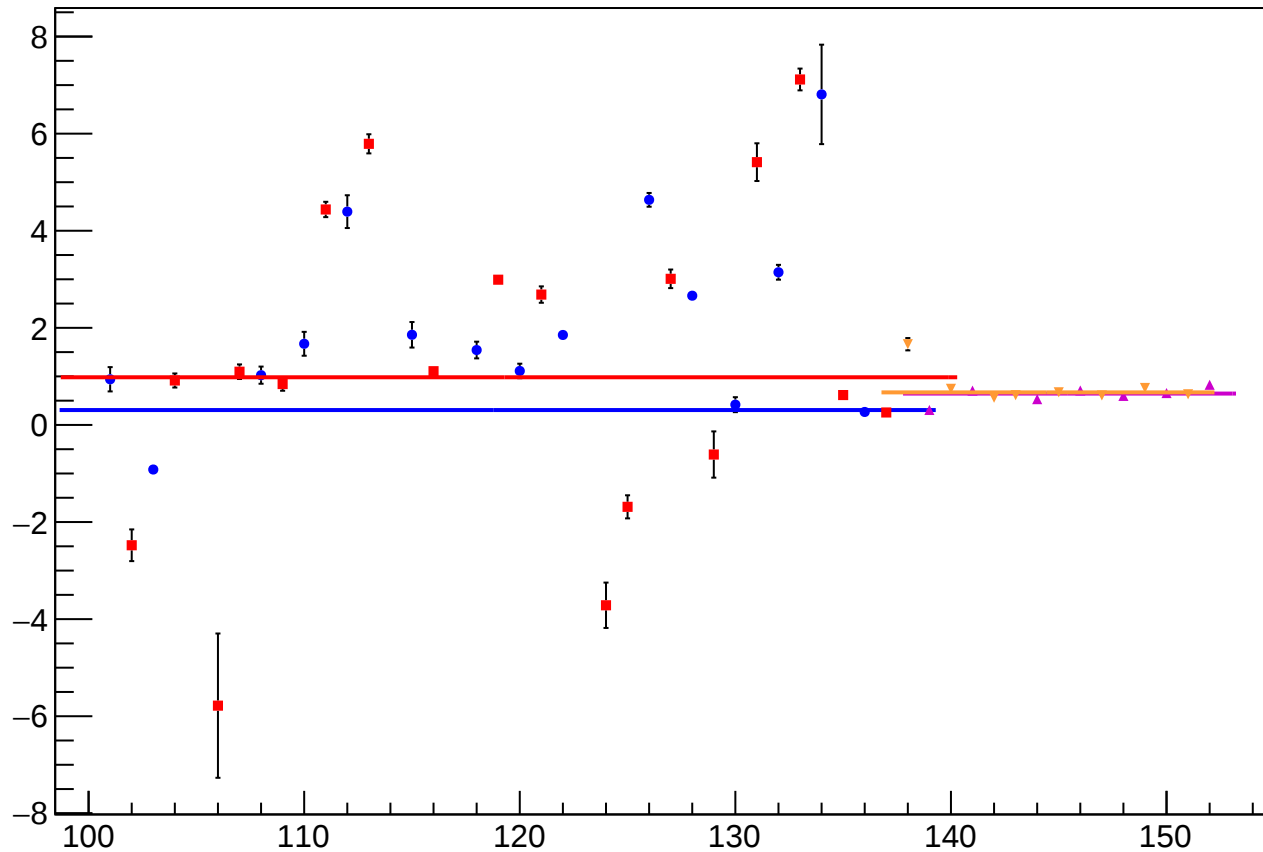
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -252.863 $\pm$ 0.108 χ^2 /NDF:135255.6/21

Out: -252.332 $\pm$ 0.067 χ^2 /NDF:94938.3/25

All: -252.481 $\pm$ 0.057 χ^2 /NDF: 230211.3/47

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.671 ± 0.004 $\chi^2/\text{NDF}: 466.6/7$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.646 ± 0.003 $\chi^2/\text{NDF}: 3270.3/6$

Left: 0.656 ± 0.002 $\chi^2/\text{NDF}: 3765.2/14$

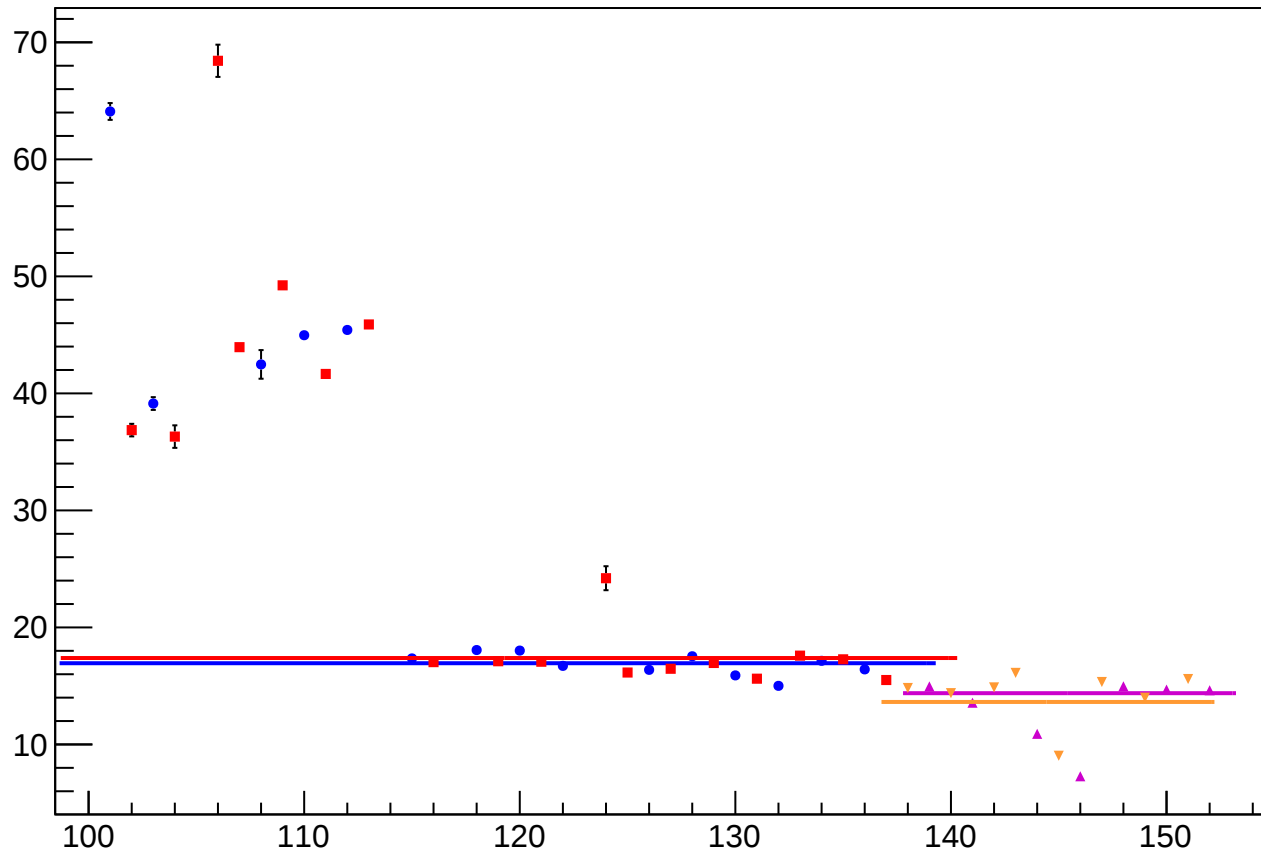
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.589 ± 0.003 $\chi^2/\text{NDF}: 8232.3/21$

Out: 0.687 ± 0.003 $\chi^2/\text{NDF}: 4266.8/25$

All: 0.627 ± 0.002 $\chi^2/\text{NDF}: 13008.6/47$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.631 ± 0.013 $\chi^2/\text{NDF}: 43644.4/7$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.381 ± 0.017 $\chi^2/\text{NDF}: 5207.1/6$

Left: 13.913 ± 0.010 $\chi^2/\text{NDF}: 50102.2/14$

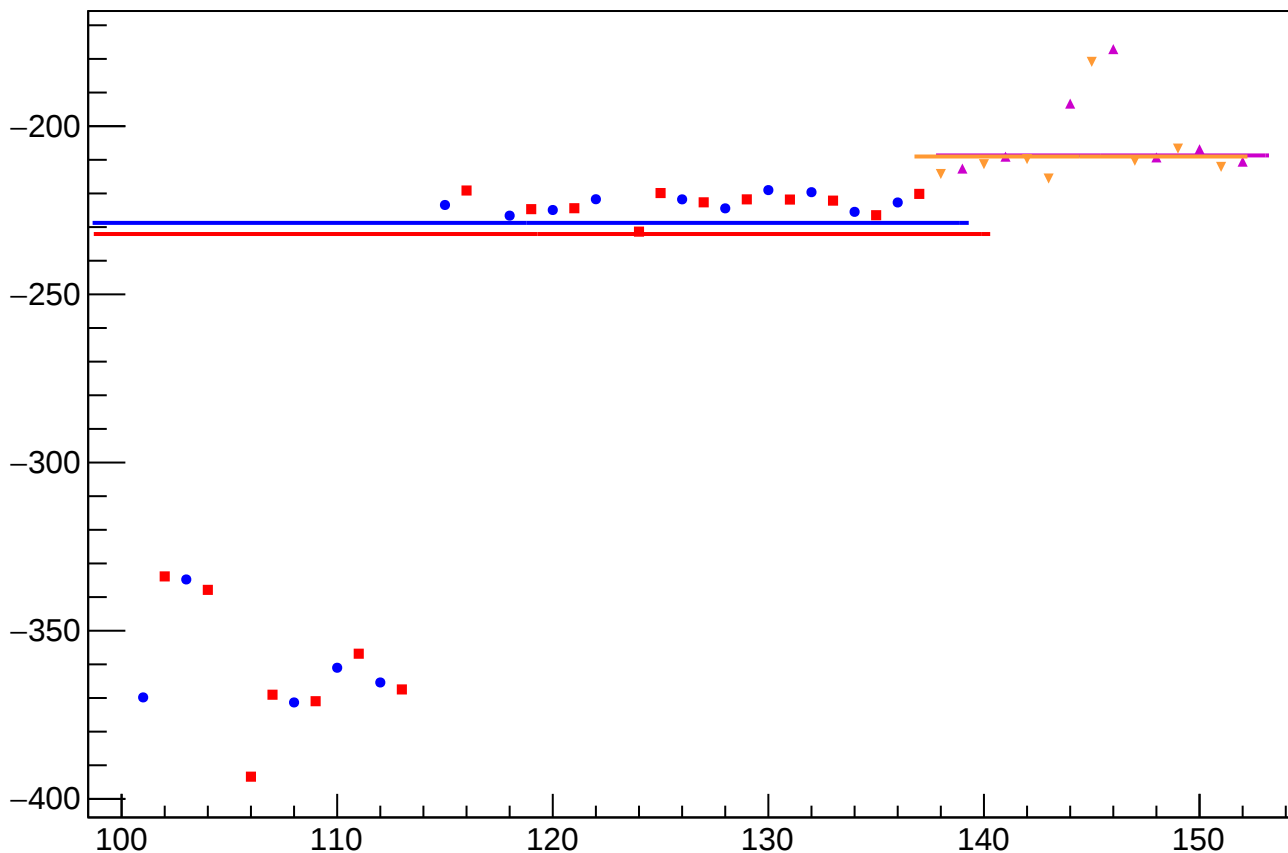
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.990 ± 0.010 $\chi^2/\text{NDF}: 48926.6/21$

Out: 14.957 ± 0.010 $\chi^2/\text{NDF}: 134237.8/25$

All: 15.486 ± 0.007 $\chi^2/\text{NDF}: 188167.8/47$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -209.015 ± 0.024 $\chi^2/\text{NDF}: 71960.5/7$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.696 ± 0.025 $\chi^2/\text{NDF}: 12363.0/6$

Left: -208.863 ± 0.017 $\chi^2/\text{NDF}: 84409.8/14$

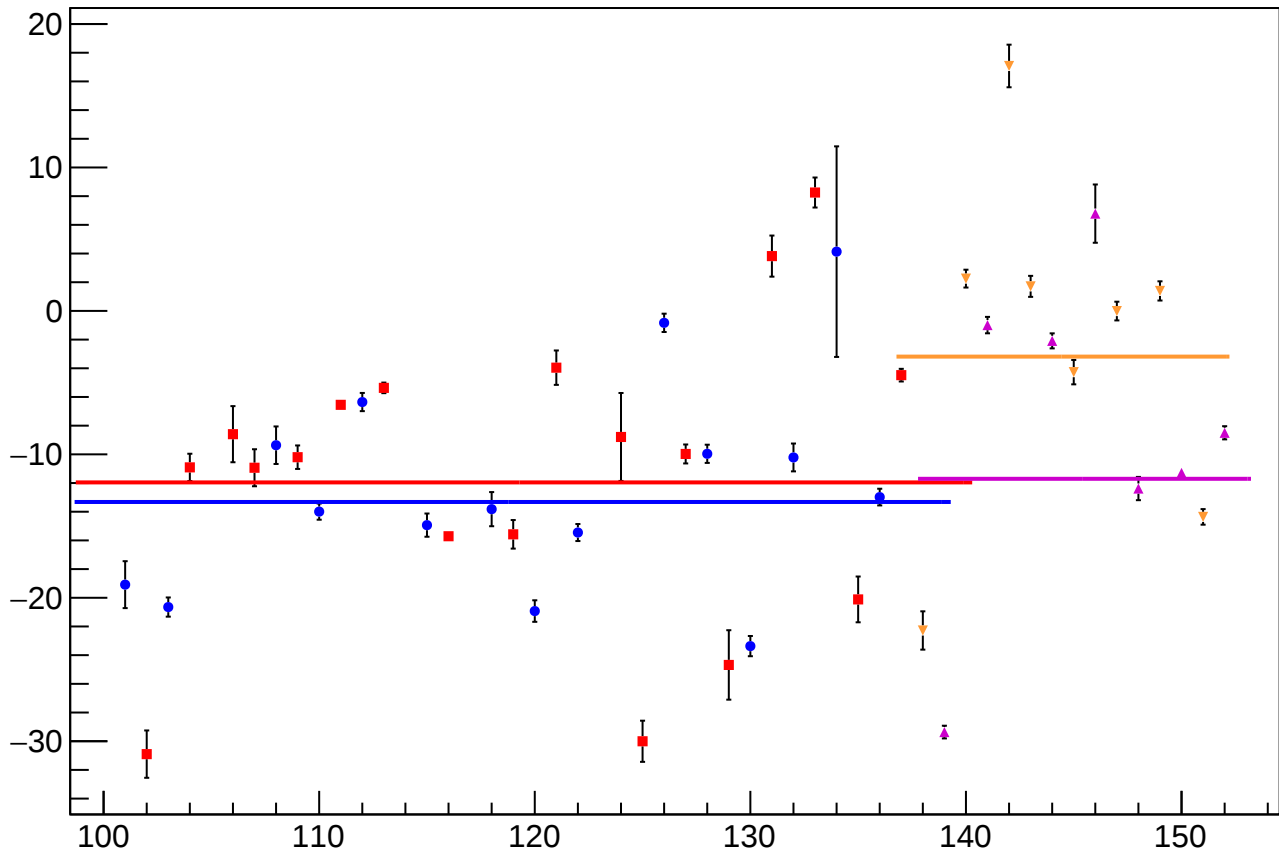
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -215.503 ± 0.020 $\chi^2/\text{NDF}: 890744.2/21$

Out: -214.715 ± 0.021 $\chi^2/\text{NDF}: 1097772.5/25$

All: -215.115 ± 0.014 $\chi^2/\text{NDF}: 1989264.3/47$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -3.186 ± 0.260 $\chi^2/\text{NDF}: 1006.8/7$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -11.705 ± 0.194 $\chi^2/\text{NDF}: 2405.1/6$

Left: -8.646 ± 0.156 $\chi^2/\text{NDF}: 4101.2/14$

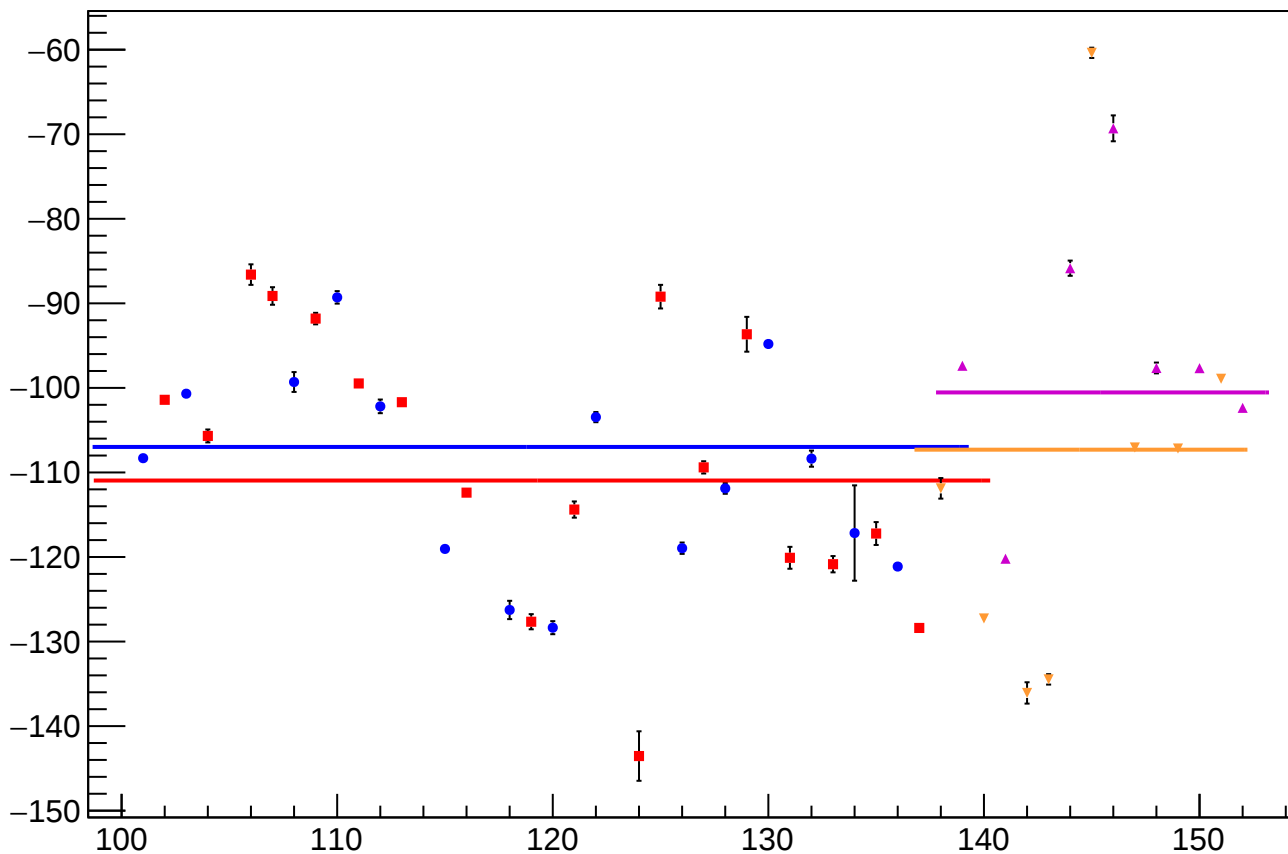
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -12.516 ± 0.137 $\chi^2/\text{NDF}: 3452.8/21$

Out: -10.570 ± 0.103 $\chi^2/\text{NDF}: 4453.5/25$

All: -11.274 ± 0.083 $\chi^2/\text{NDF}: 8034.7/47$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Left: -103.166 ± 0.128 $\chi^2/\text{NDF}: 13911.6/14$

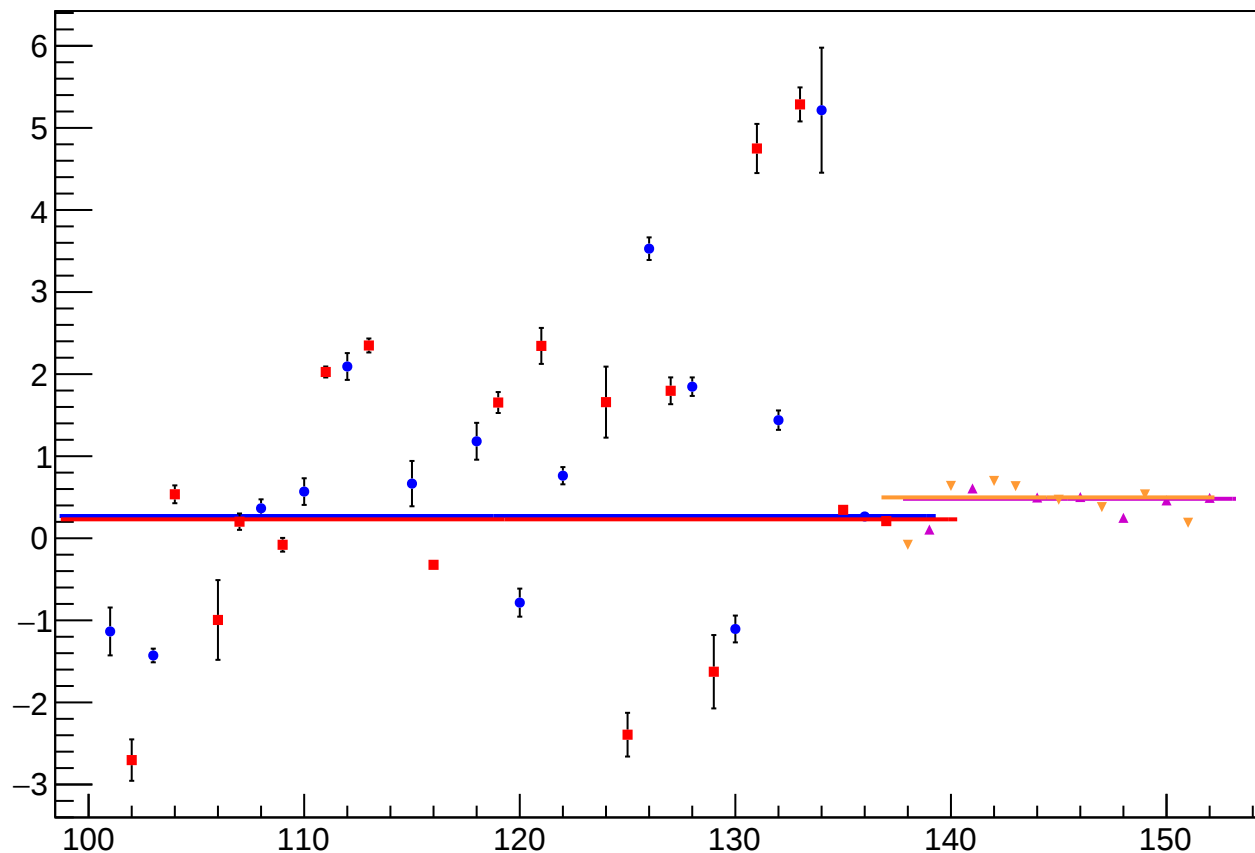
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -104.986 ± 0.091 $\chi^2/\text{NDF}: 8473.4/21$

Out: -110.751 ± 0.049 $\chi^2/\text{NDF}: 21470.4/25$

All: -109.474 ± 0.043 $\chi^2/\text{NDF}: 33040.3/47$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.498 ± 0.004 χ^2/NDF : 1878.1/7

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.481 ± 0.003 χ^2/NDF : 2571.1/6

Left: 0.487 ± 0.002 χ^2/NDF : 4460.6/14

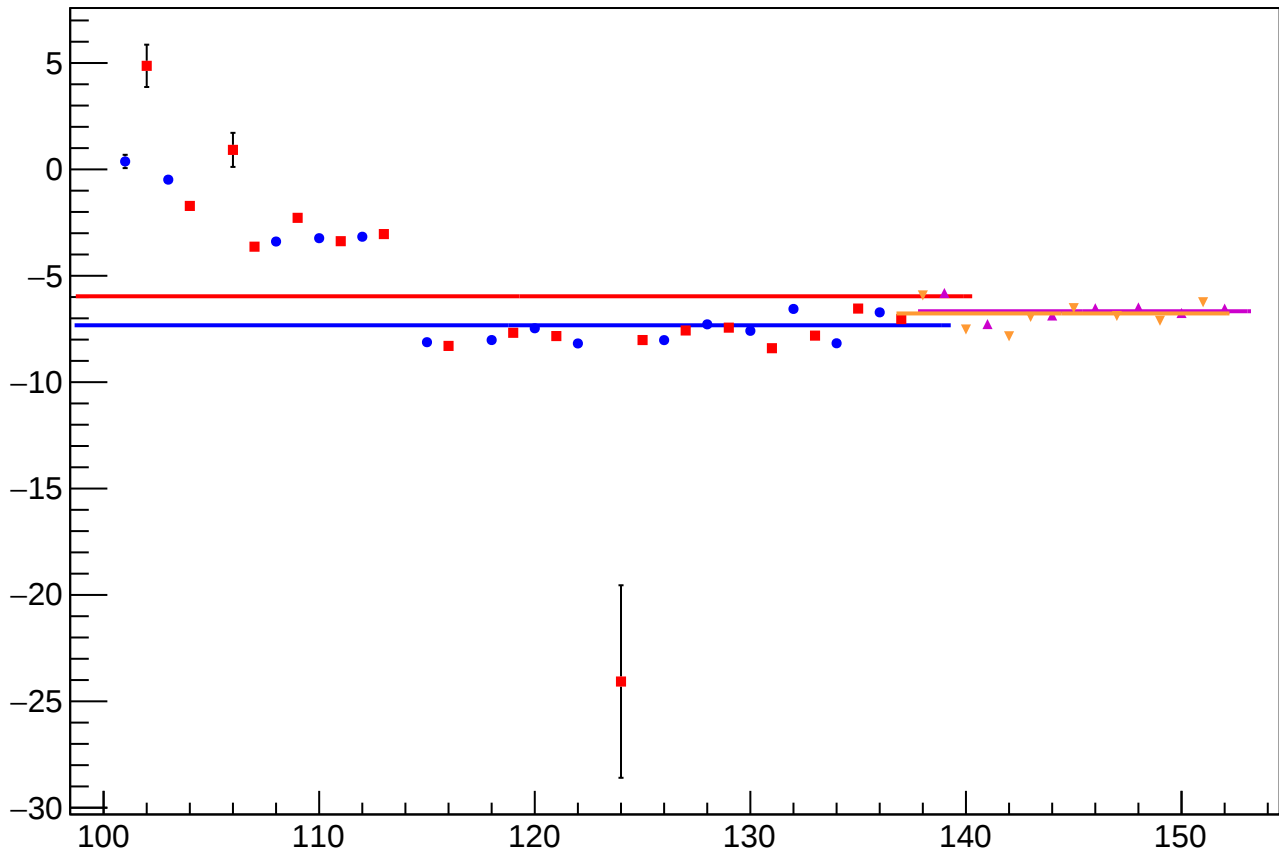
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.434 ± 0.003 χ^2/NDF : 5387.3/21

Out: 0.375 ± 0.003 χ^2/NDF : 6761.6/25

All: 0.409 ± 0.002 χ^2/NDF : 12372.0/47

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -6.771 ± 0.009 χ^2/NDF : 2132.8/7

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

Left In: -6.667 ± 0.007 χ^2/NDF : 2806.2/6

Left: -6.708 ± 0.006 χ^2/NDF : 5016.5/14

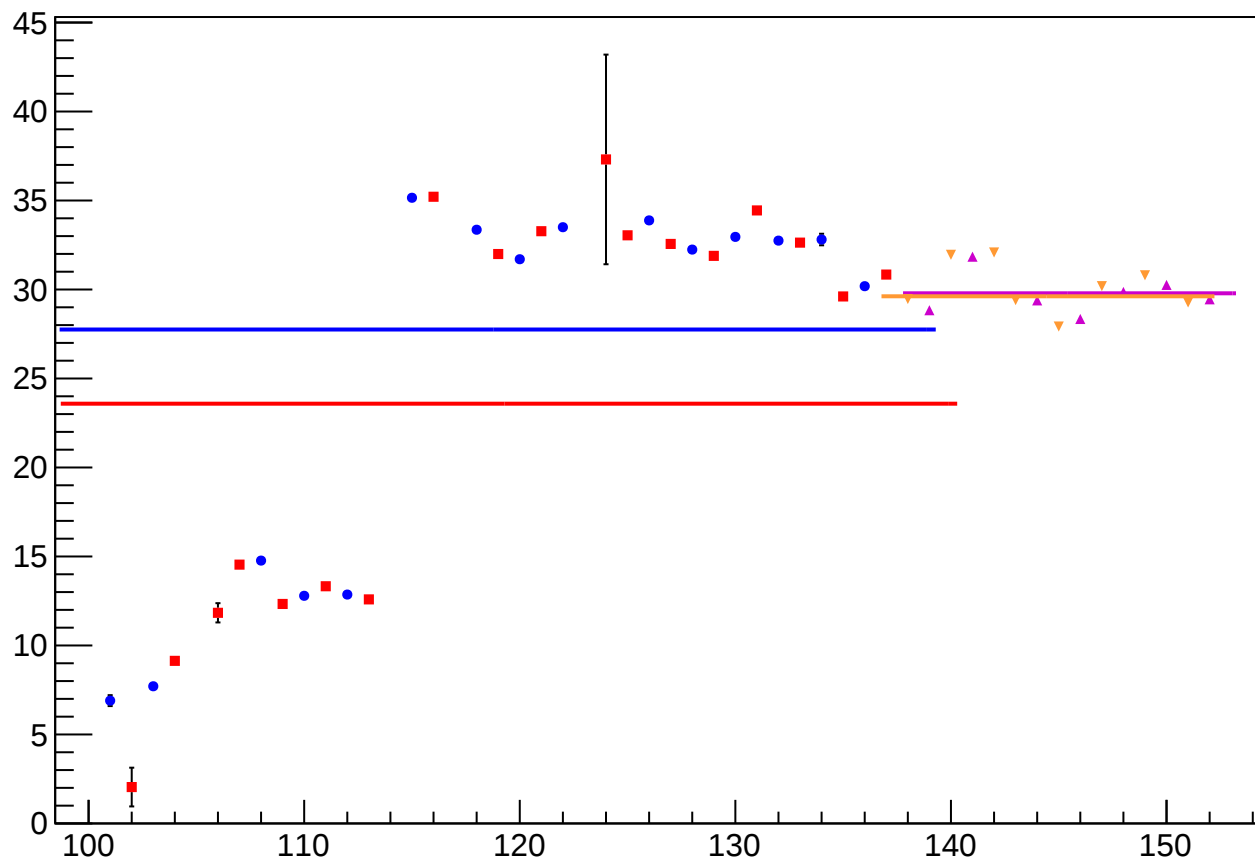
Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32

In: -6.956 ± 0.006 χ^2/NDF : 36781.6/21

Out: -6.348 ± 0.006 χ^2/NDF : 77970.0/25

All: -6.693 ± 0.004 χ^2/NDF : 119948.0/47

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.619 $\pm$ 0.016 χ^2 /NDF:6684.1/7

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.787 $\pm$ 0.014 χ^2 /NDF:2036.2/6

Left: 29.713 $\pm$ 0.011 χ^2 /NDF: 8780.3/14

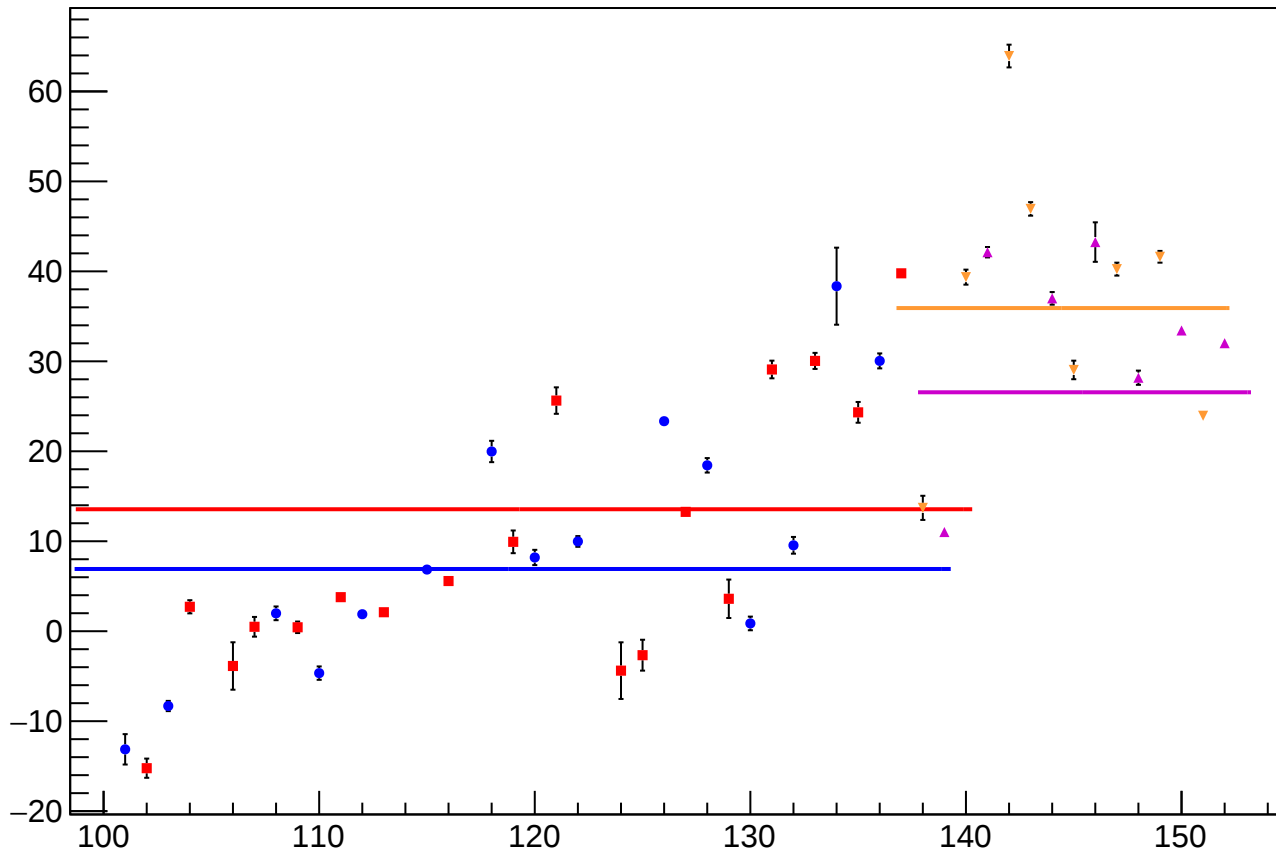
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.819 $\pm$ 0.010 χ^2 /NDF:344558.6/21

Out: 26.099 $\pm$ 0.010 χ^2 /NDF:626963.8/25

All: 27.472 $\pm$ 0.007 χ^2 /NDF: 1005565.3/47

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 35.919 ± 0.274 $\chi^2/\text{NDF}: 1690.3/7$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.558 ± 0.188 $\chi^2/\text{NDF}: 3820.6/6$

Left: 29.554 ± 0.155 $\chi^2/\text{NDF}: 6305.5/14$

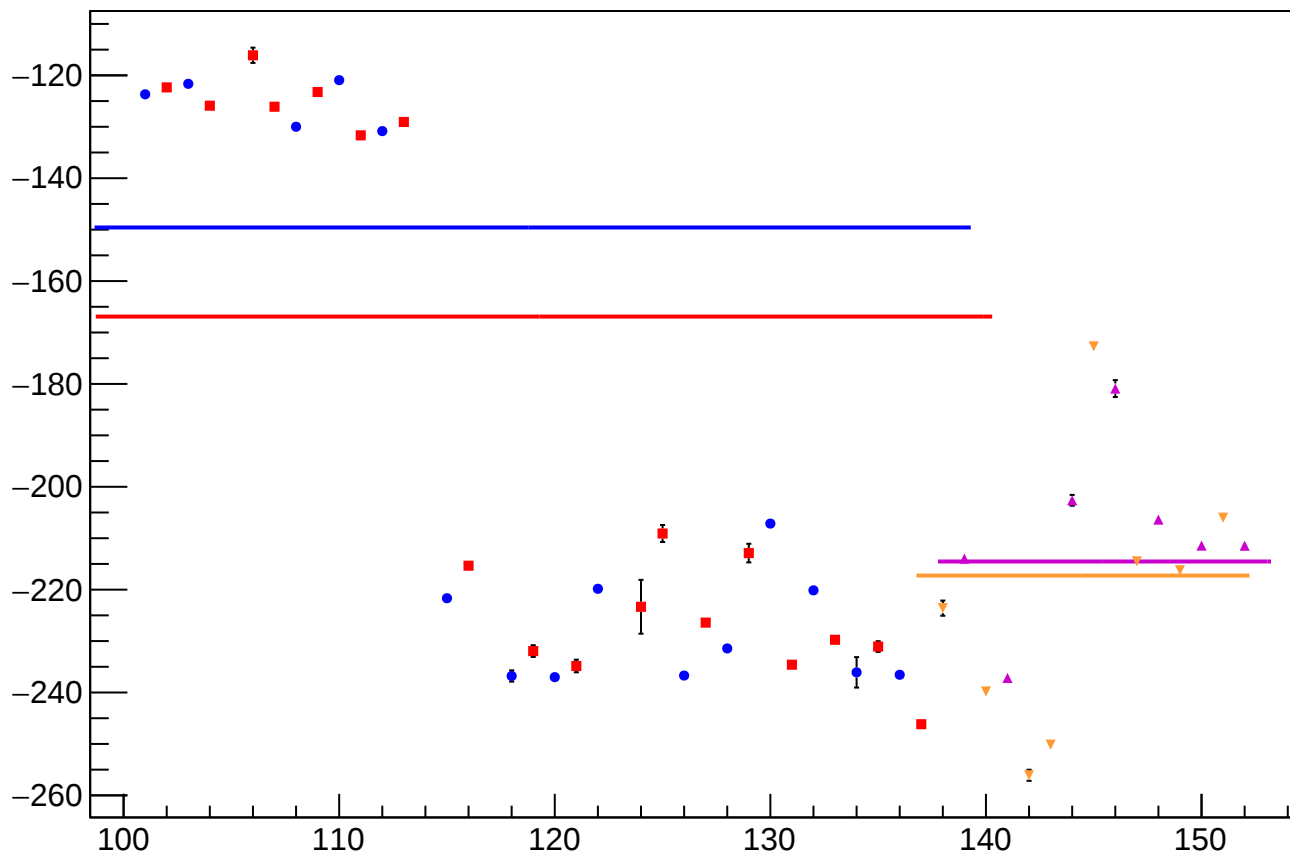
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 16.126 ± 0.129 $\chi^2/\text{NDF}: 13127.5/21$

Out: 18.458 ± 0.128 $\chi^2/\text{NDF}: 18555.4/25$

All: 17.296 ± 0.091 $\chi^2/\text{NDF}: 31847.7/47$

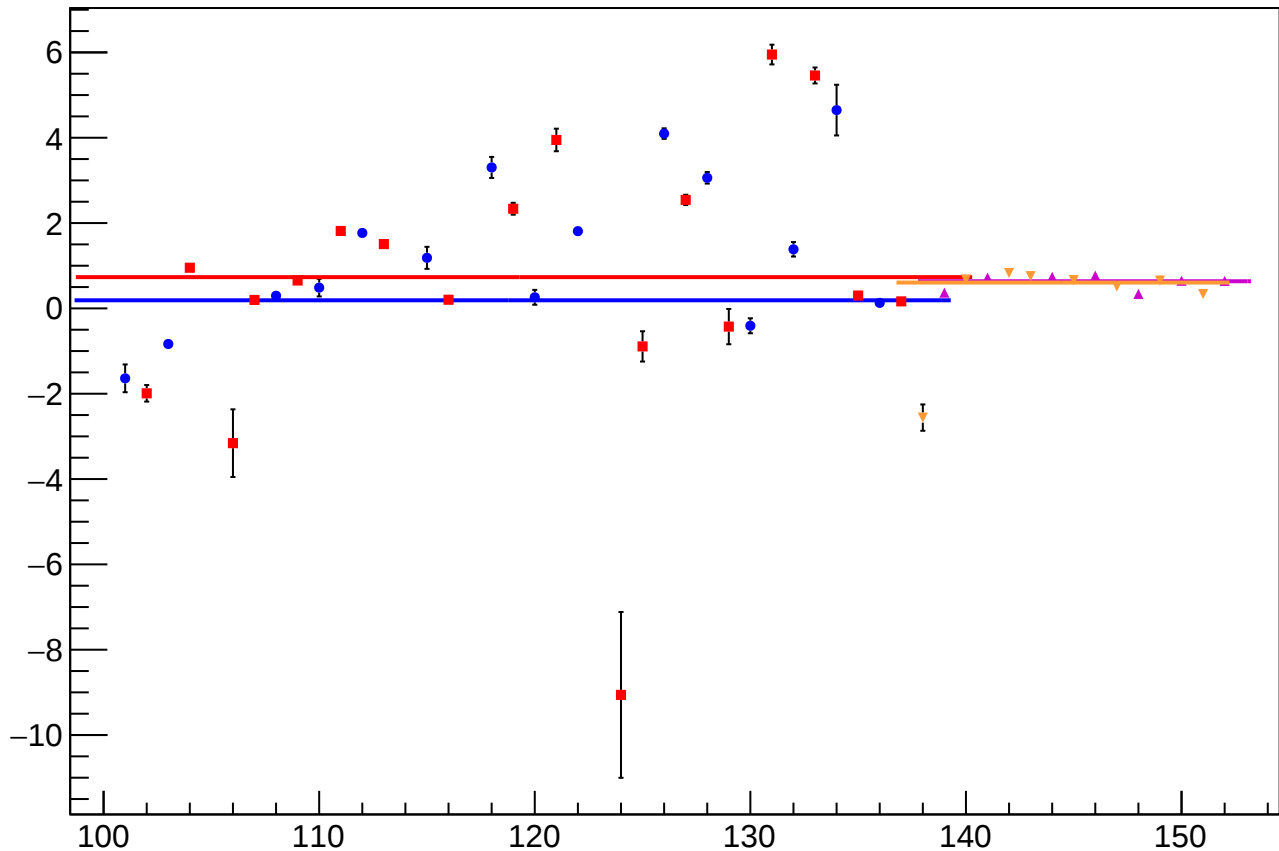
dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14
 Left Out: -217.258 ± 0.223 χ^2/NDF : 9659.5/7
 Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17
 Left In: -214.526 ± 0.158 χ^2/NDF : 3385.9/6

Left: -215.435 ± 0.129 χ^2/NDF : 13145.2/14
 Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32
 In: -168.437 ± 0.085 χ^2/NDF : 318839.2/21
 Out: -175.386 ± 0.092 χ^2/NDF : 347392.5/25
 All: -171.647 ± 0.062 χ^2/NDF : 669320.4/47

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.606 ± 0.005 χ^2/NDF : 1083.7/7

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.636 ± 0.004 χ^2/NDF : 1026.7/6

Left: 0.625 ± 0.003 χ^2/NDF : 2135.6/14

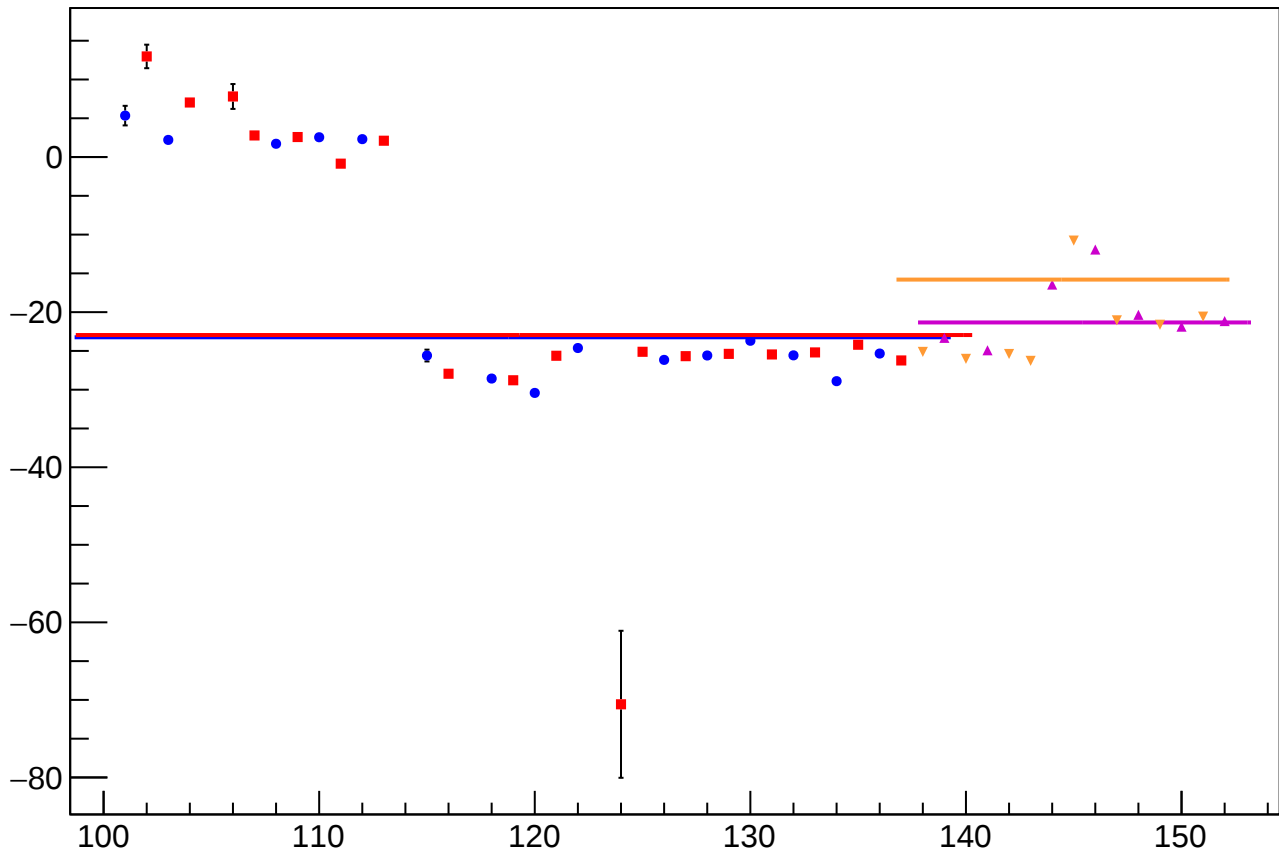
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.568 ± 0.003 χ^2/NDF : 6031.6/21

Out: 0.613 ± 0.005 χ^2/NDF : 3789.7/25

All: 0.583 ± 0.003 χ^2/NDF : 9881.3/47

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.802 ± 0.020 $\chi^2/\text{NDF}: 98747.2/7$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.329 ± 0.025 $\chi^2/\text{NDF}: 8007.0/6$

Left: -17.959 ± 0.016 $\chi^2/\text{NDF}: 136459.7/14$

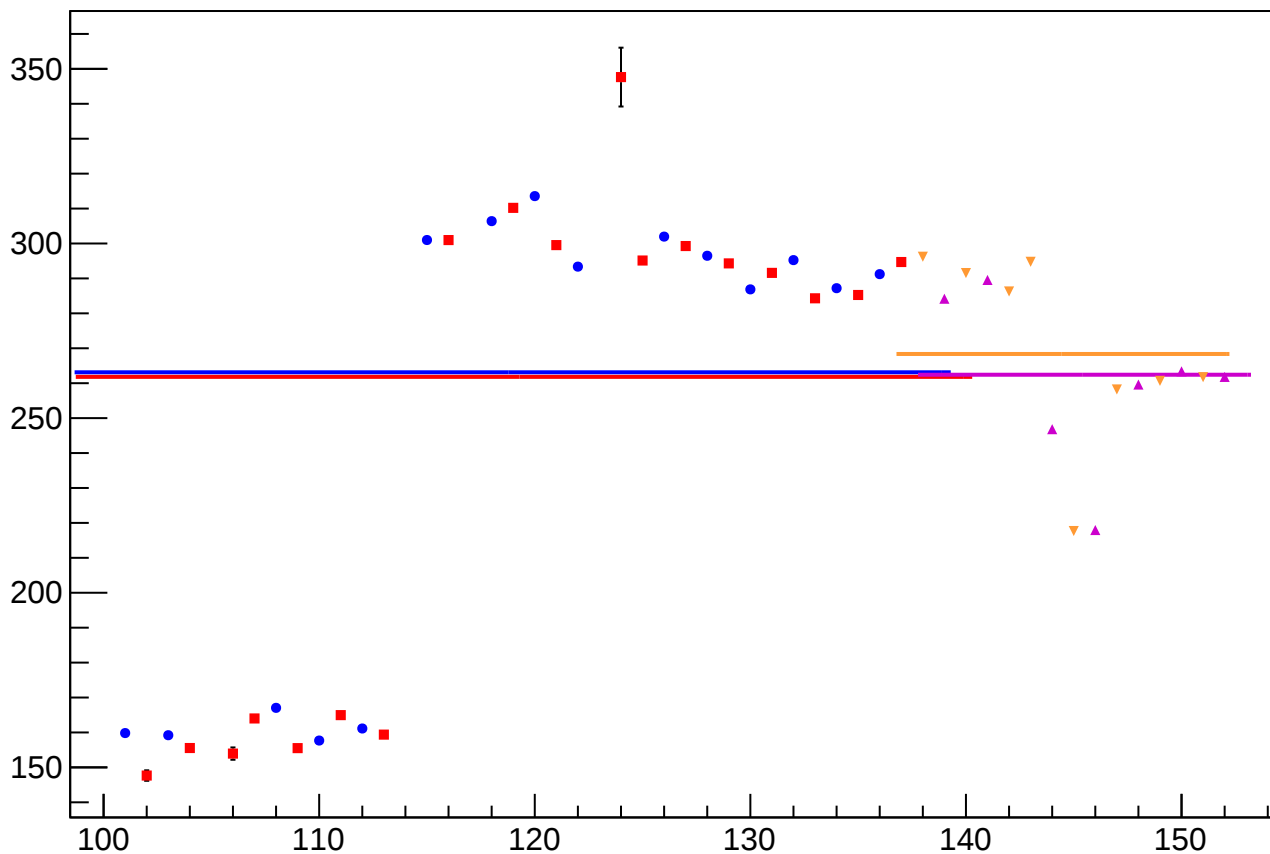
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.295 ± 0.018 $\chi^2/\text{NDF}: 114059.0/21$

Out: -18.640 ± 0.016 $\chi^2/\text{NDF}: 257335.8/25$

All: -20.243 ± 0.012 $\chi^2/\text{NDF}: 395592.8/47$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 268.367+/-0.057 χ^2/NDF :180675.8/7

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.422+/-0.046 χ^2/NDF :34937.9/6

Left: 264.732+/-0.036 χ^2/NDF : 222205.1/14

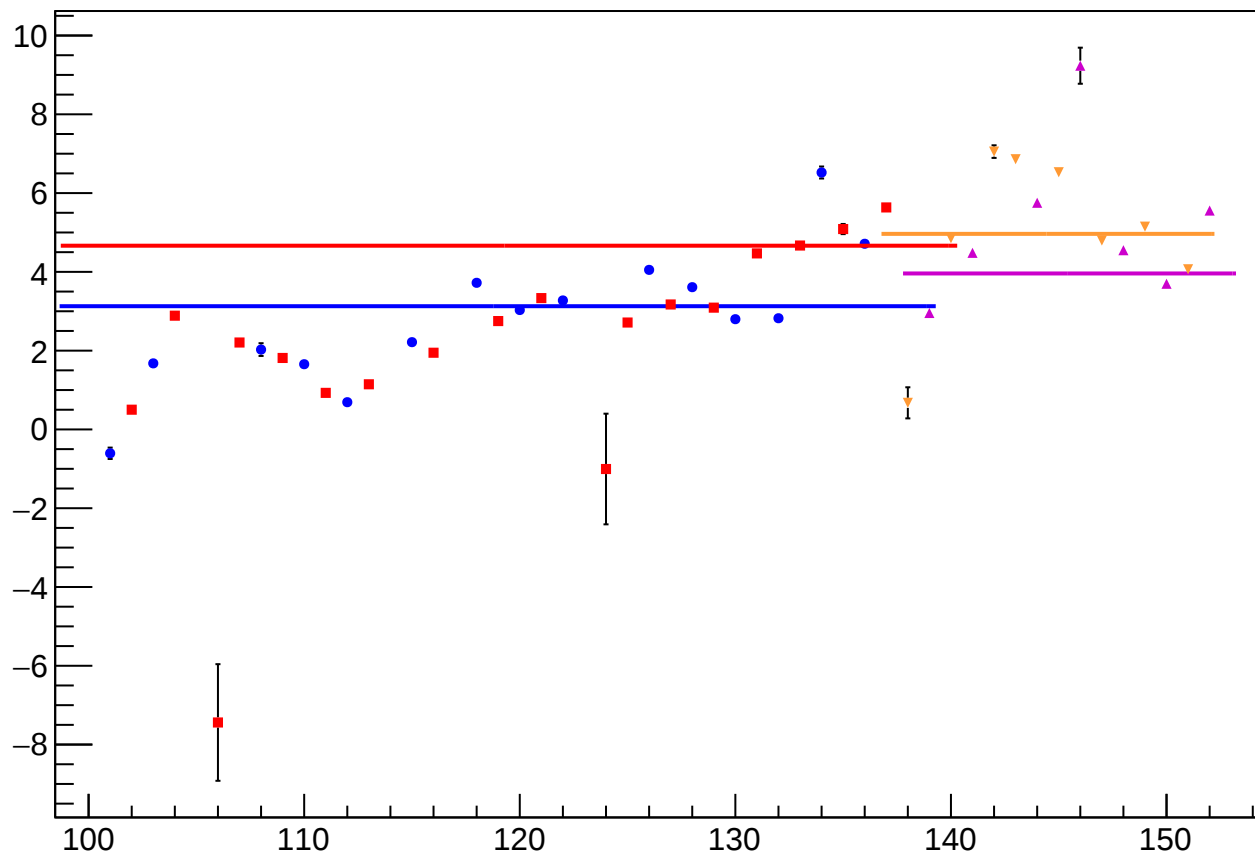
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.634+/-0.038 χ^2/NDF :727894.4/21

Out: 265.268+/-0.042 χ^2/NDF :1193060.1/25

All: 263.836+/-0.028 χ^2/NDF : 1923136.5/47

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 4.965 ± 0.020 χ^2/NDF : 1366.9/7

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 3.960 ± 0.020 χ^2/NDF : 2002.5/6

Left: 4.461 ± 0.014 χ^2/NDF : 4669.0/14

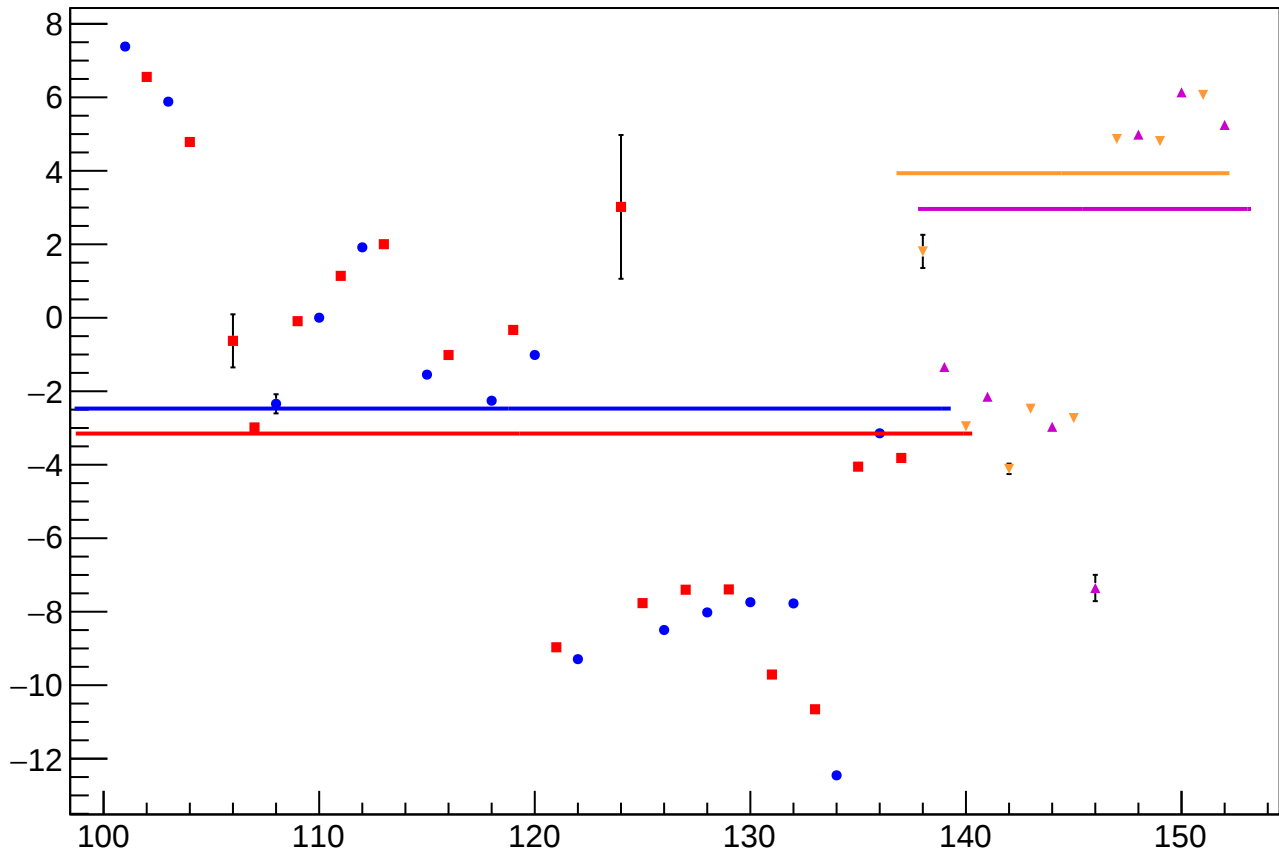
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 3.453 ± 0.012 χ^2/NDF : 8756.1/21

Out: 4.693 ± 0.006 χ^2/NDF : 68439.4/25

All: 4.452 ± 0.005 χ^2/NDF : 85374.4/47

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 3.935 ± 0.016 $\chi^2/\text{NDF}: 32156.1/7$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 2.962 ± 0.017 $\chi^2/\text{NDF}: 49106.3/6$

Left: 3.480 ± 0.012 $\chi^2/\text{NDF}: 82922.5/14$

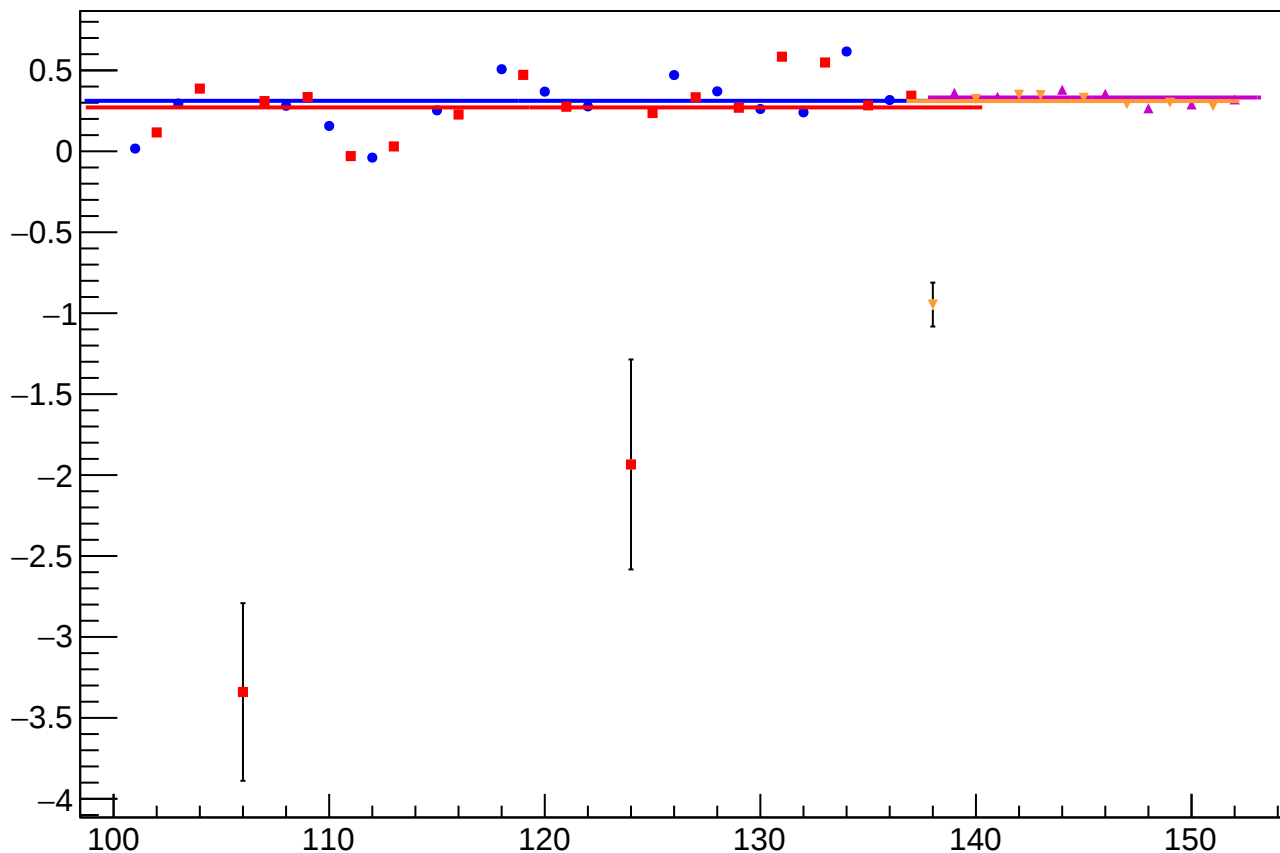
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.318 ± 0.011 $\chi^2/\text{NDF}: 350470.8/21$

Out: -1.933 ± 0.007 $\chi^2/\text{NDF}: 435734.6/25$

All: -1.488 ± 0.006 $\chi^2/\text{NDF}: 801926.4/47$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.310 ± 0.001 $\chi^2/\text{NDF}: 746.0/7$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1926.3/6$

Left: 0.322 ± 0.001 $\chi^2/\text{NDF}: 2939.5/14$

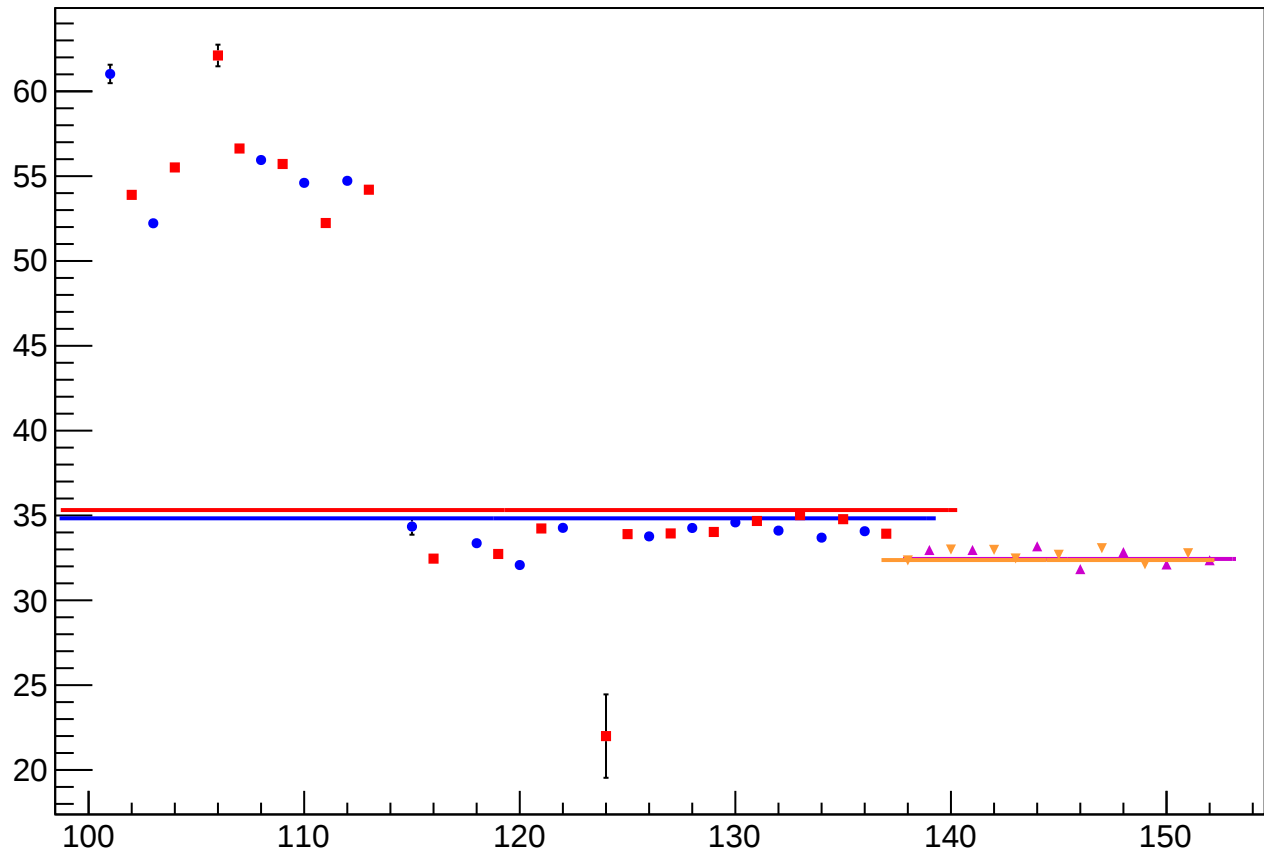
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.325 ± 0.001 $\chi^2/\text{NDF}: 3414.9/21$

Out: 0.303 ± 0.001 $\chi^2/\text{NDF}: 7169.9/25$

All: 0.316 ± 0.001 $\chi^2/\text{NDF}: 10944.7/47$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 ± 0.009 χ^2/NDF : 245568.8/14

Left Out: 32.372 ± 0.007 χ^2/NDF : 2180.7/7

Right Out: 35.319 ± 0.010 χ^2/NDF : 261492.0/17

Left In: 32.438 ± 0.008 χ^2/NDF : 2647.0/6

Left: 32.400 ± 0.005 χ^2/NDF : 4867.7/14

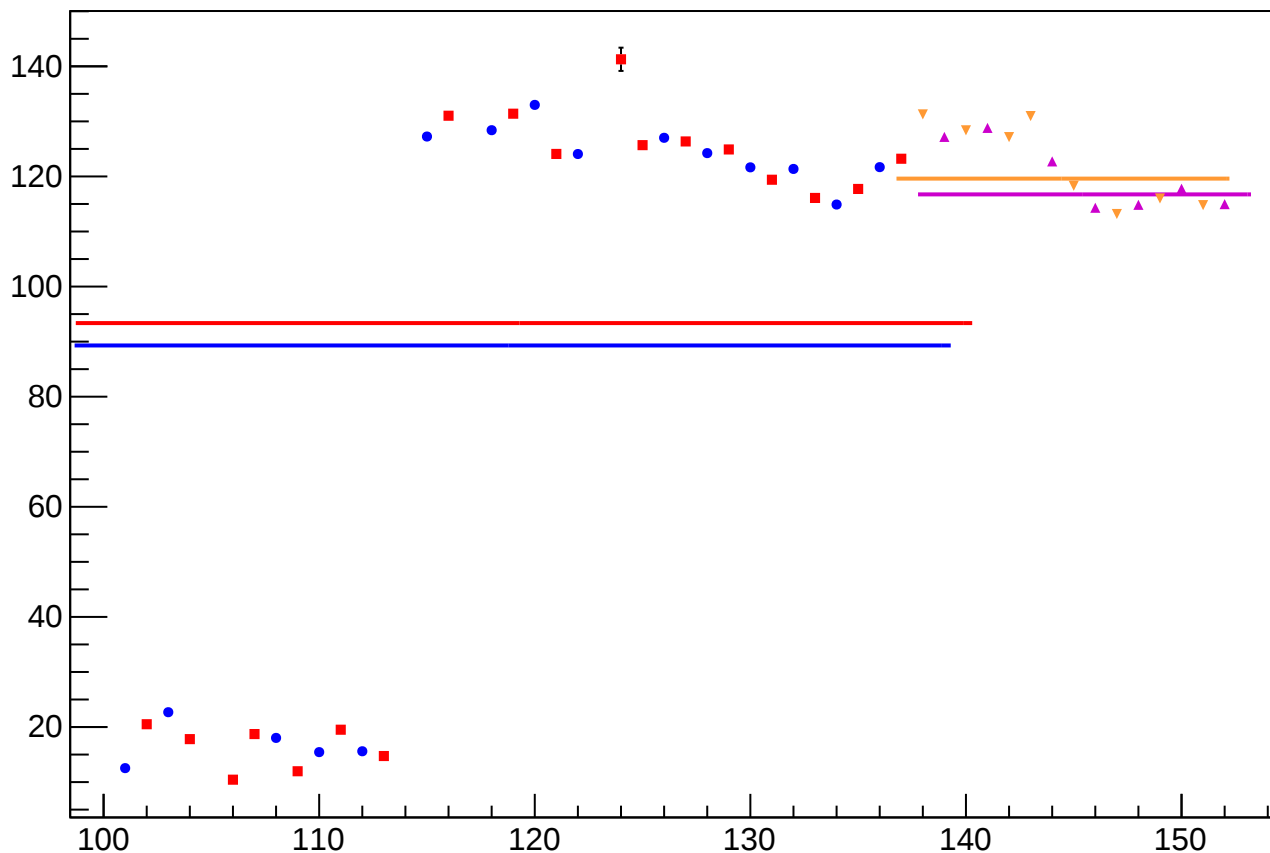
Right: 35.041 ± 0.007 χ^2/NDF : 508429.6/32

In: 33.524 ± 0.006 χ^2/NDF : 290327.5/21

Out: 33.307 ± 0.006 χ^2/NDF : 323532.0/25

All: 33.412 ± 0.004 χ^2/NDF : 614586.8/47

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 119.607 ± 0.021 $\chi^2/\text{NDF}: 95450.1/7$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.741 ± 0.017 $\chi^2/\text{NDF}: 38325.0/6$

Left: 117.852 ± 0.013 $\chi^2/\text{NDF}: 145022.4/14$

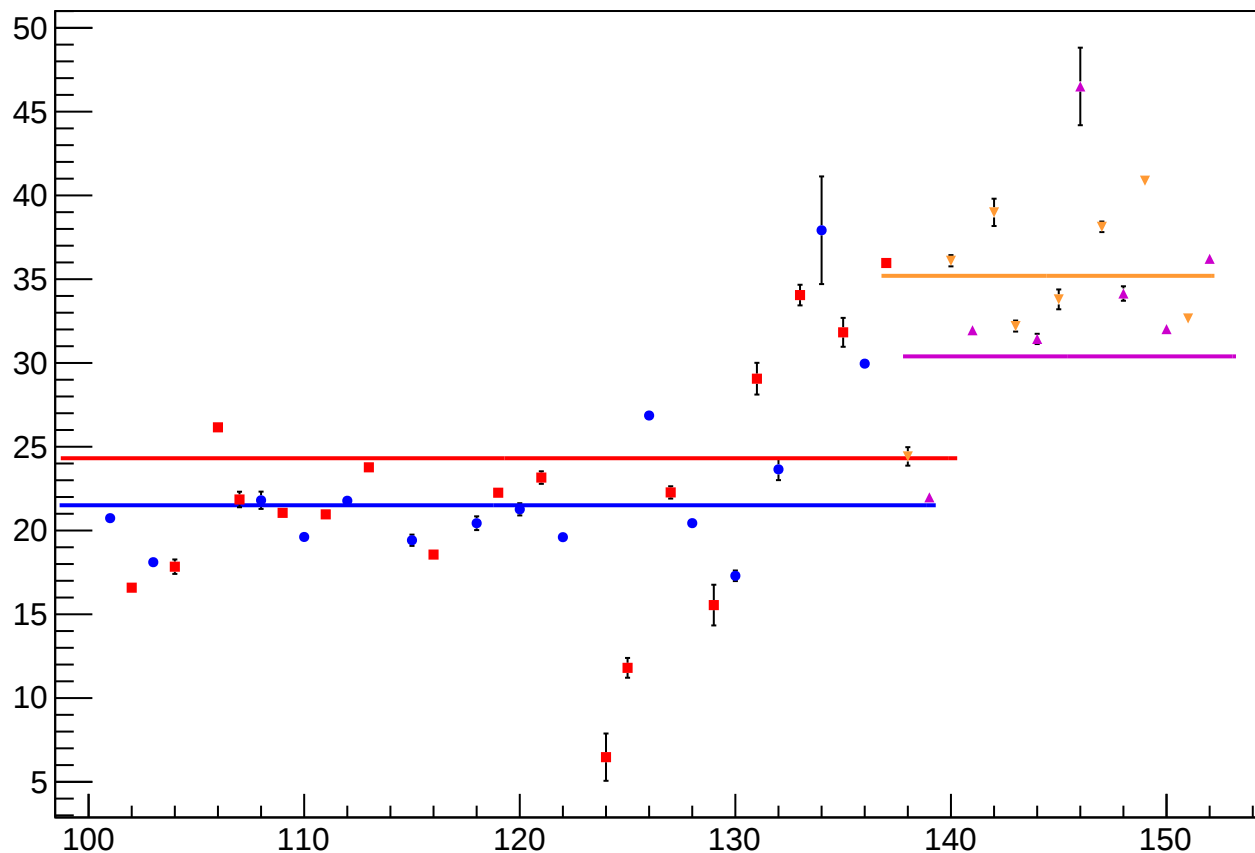
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 109.242 ± 0.014 $\chi^2/\text{NDF}: 3799564.5/21$

Out: 110.874 ± 0.017 $\chi^2/\text{NDF}: 3460358.7/25$

All: 109.908 ± 0.011 $\chi^2/\text{NDF}: 7265208.8/47$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 35.201 ± 0.126 χ^2/NDF : 1052.7/7

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 30.393 ± 0.100 χ^2/NDF : 2401.2/6

Left: 32.241 ± 0.078 χ^2/NDF : 4348.9/14

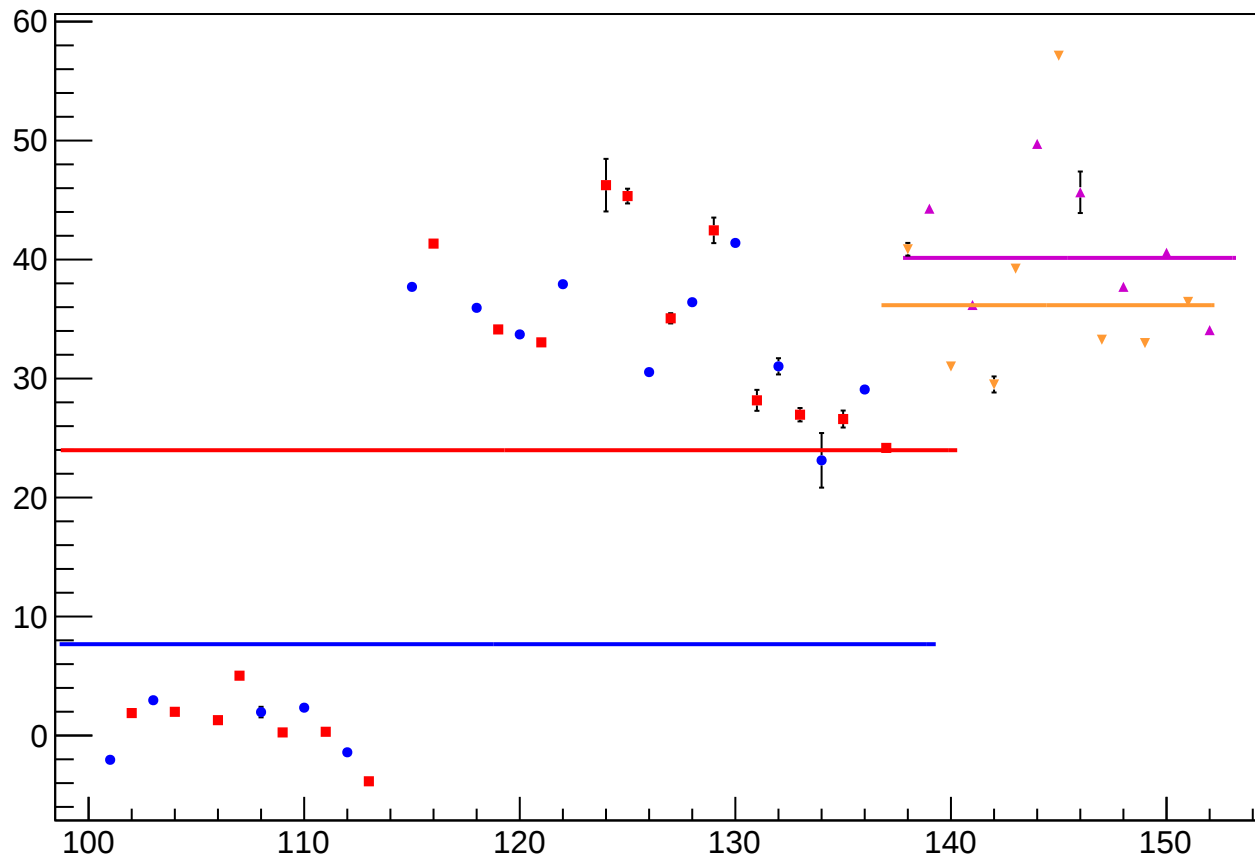
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 24.574 ± 0.059 χ^2/NDF : 10574.4/21

Out: 26.240 ± 0.053 χ^2/NDF : 21482.2/25

All: 25.489 ± 0.039 χ^2/NDF : 32501.6/47

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 36.165 ± 0.104 χ^2/NDF : 3379.2/7

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.141 ± 0.083 χ^2/NDF : 2345.7/6

Left: 38.605 ± 0.065 χ^2/NDF : 6616.7/14

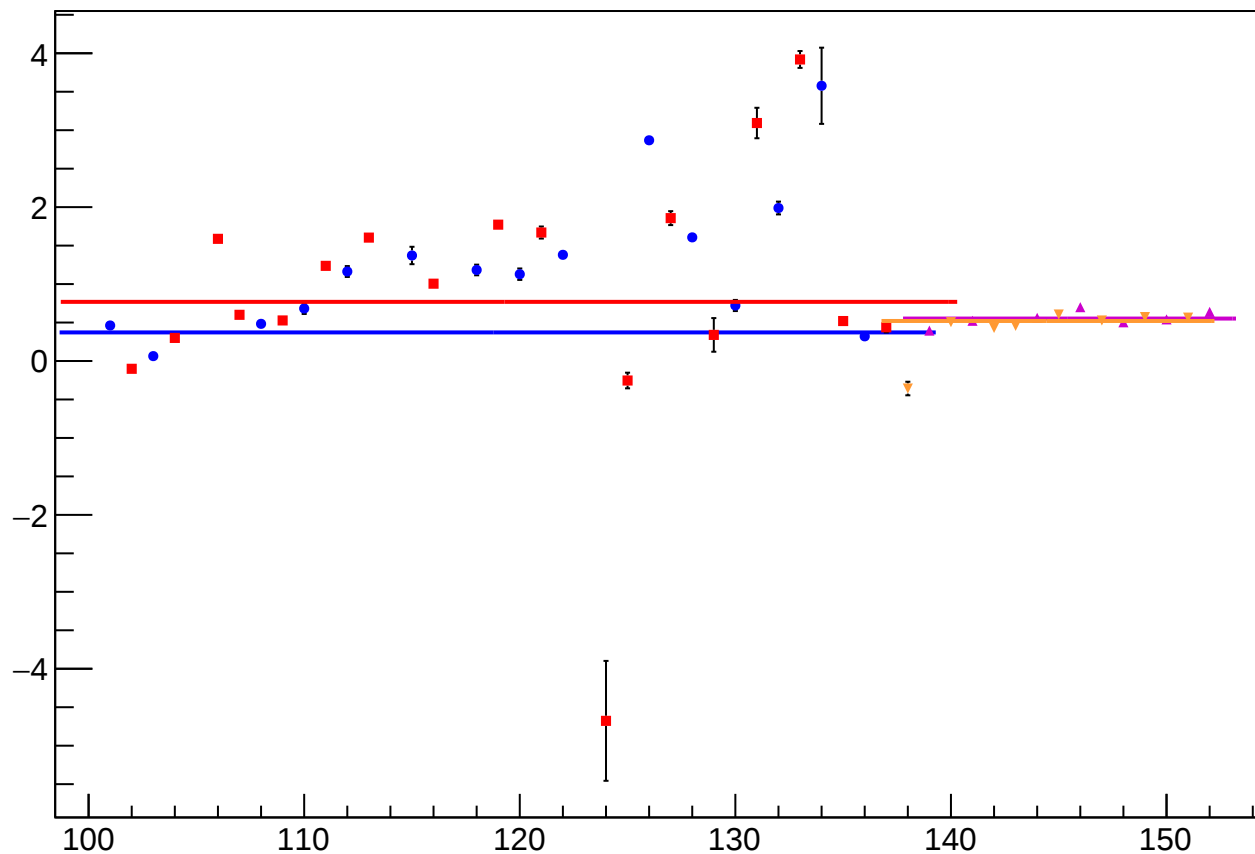
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 15.146 ± 0.040 χ^2/NDF : 217325.7/21

Out: 24.052 ± 0.008 χ^2/NDF : 127518.3/25

All: 23.691 ± 0.008 χ^2/NDF : 393150.8/47

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.520 ± 0.002 $\chi^2/\text{NDF}: 687.5/7$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.552 ± 0.002 $\chi^2/\text{NDF}: 1884.3/6$

Left: 0.537 ± 0.001 $\chi^2/\text{NDF}: 2718.7/14$

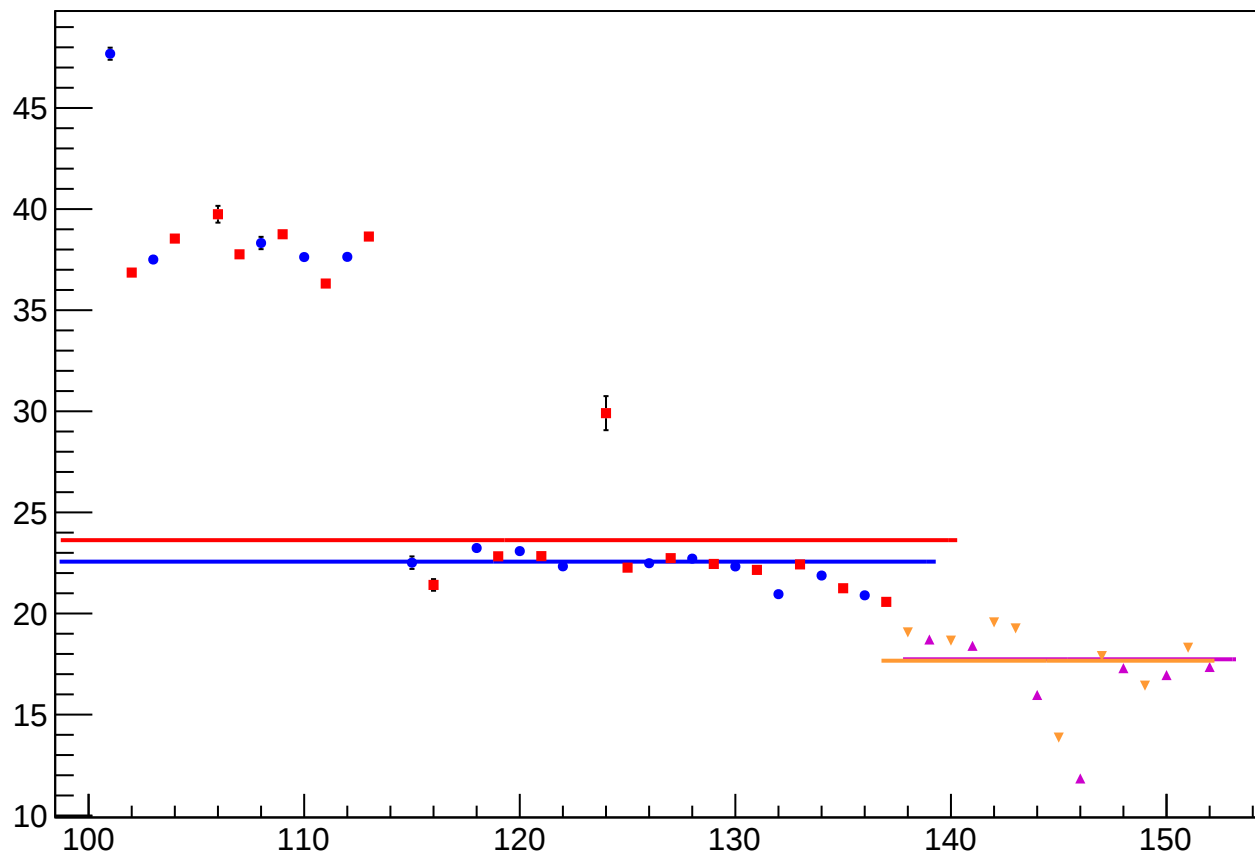
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.527 ± 0.002 $\chi^2/\text{NDF}: 8103.8/21$

Out: 0.538 ± 0.002 $\chi^2/\text{NDF}: 6018.3/25$

All: 0.532 ± 0.001 $\chi^2/\text{NDF}: 14142.4/47$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.666 $\pm$ 0.010 χ^2 /NDF: 38880.5/7

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.735 $\pm$ 0.014 χ^2 /NDF: 5746.5/6

Left: 17.690 $\pm$ 0.008 χ^2 /NDF: 44644.2/14

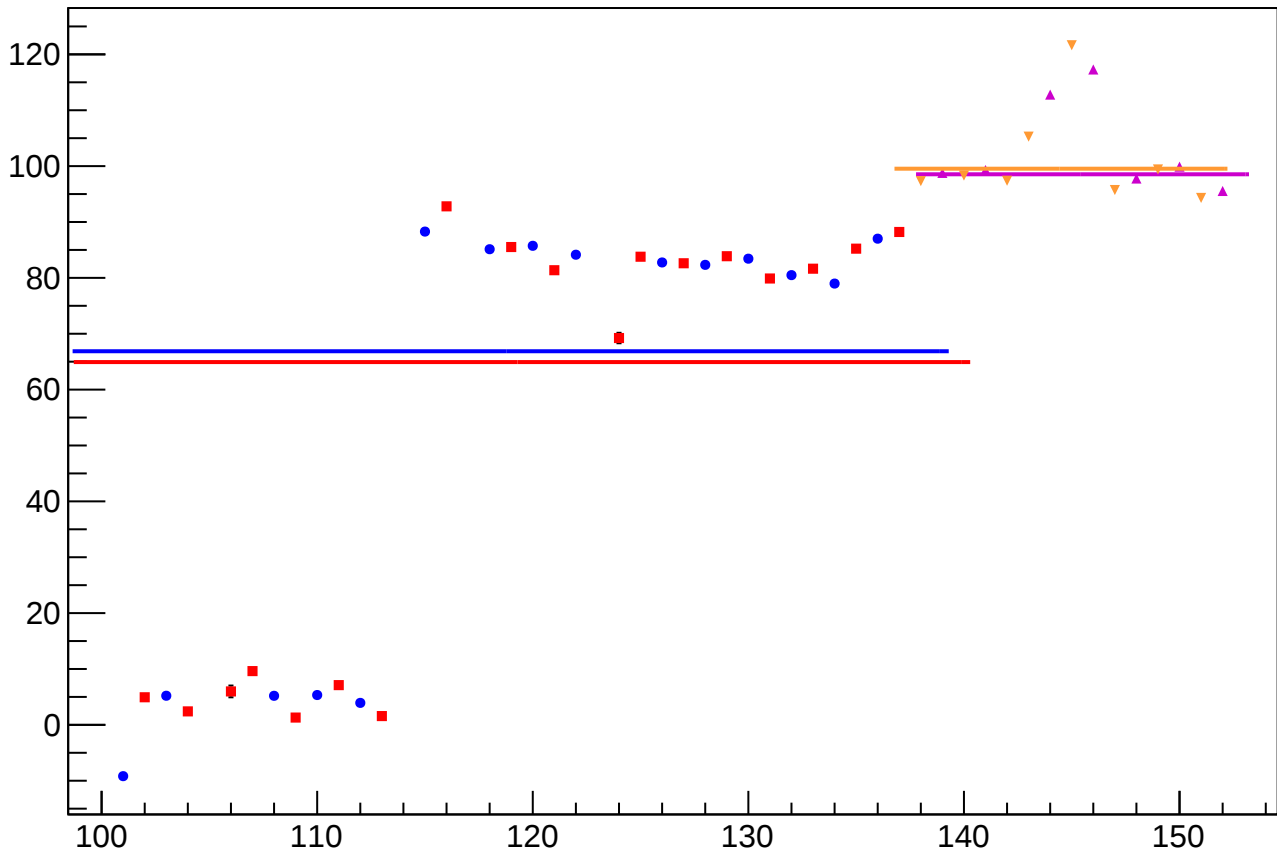
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 20.840 $\pm$ 0.008 χ^2 /NDF: 179088.8/21

Out: 20.242 $\pm$ 0.007 χ^2 /NDF: 322319.5/25

All: 20.511 $\pm$ 0.005 χ^2 /NDF: 504366.3/47

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.538 $\pm$ 0.017 χ^2 /NDF: 68193.8/7

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.538 $\pm$ 0.019 χ^2 /NDF: 13498.4/6

Left: 99.071 $\pm$ 0.013 χ^2 /NDF: 83232.7/14

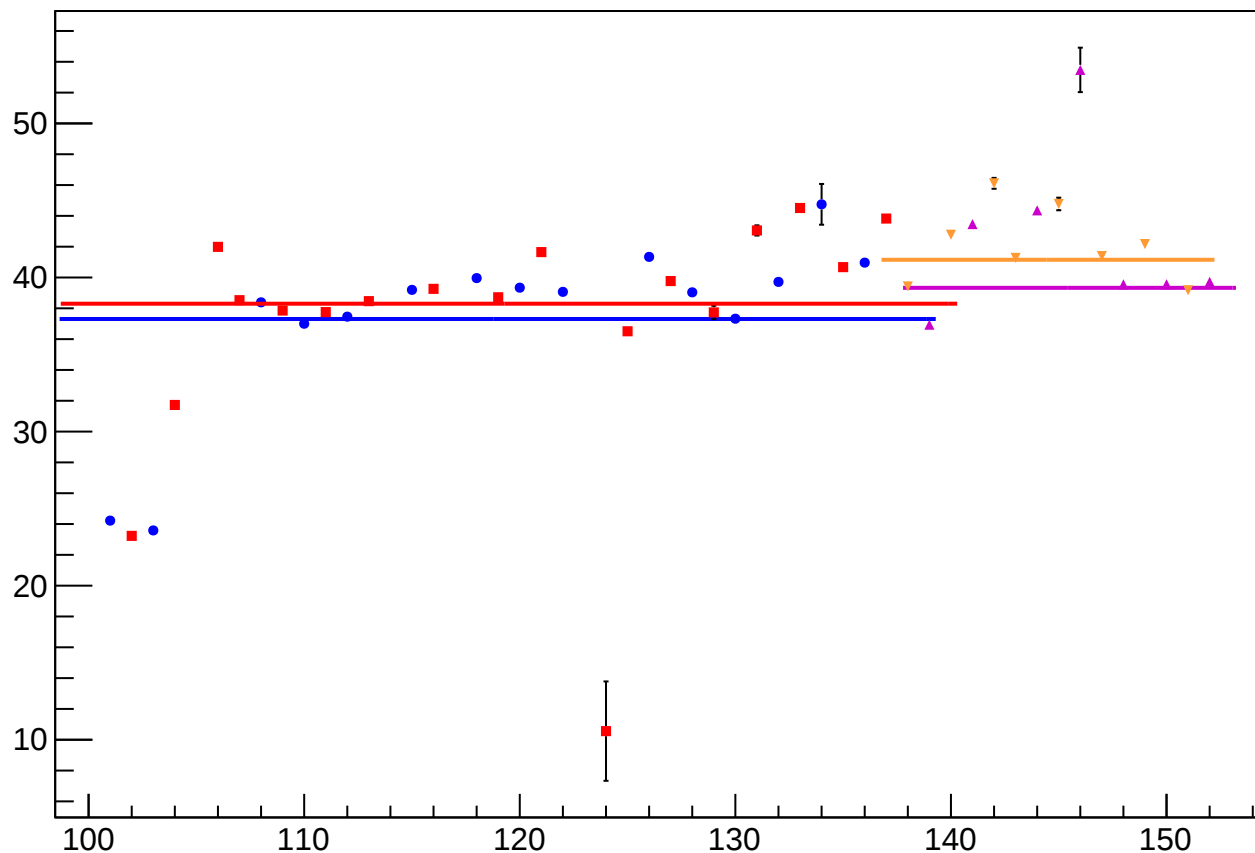
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 88.375 $\pm$ 0.015 χ^2 /NDF: 2438011.9/21

Out: 90.703 $\pm$ 0.015 χ^2 /NDF: 2412150.6/25

All: 89.563 $\pm$ 0.011 χ^2 /NDF: 4861934.6/47

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.151 ± 0.052 $\chi^2/\text{NDF}: 884.1/7$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.329 ± 0.038 $\chi^2/\text{NDF}: 3075.8/6$

Left: 39.981 ± 0.031 $\chi^2/\text{NDF}: 4762.7/14$

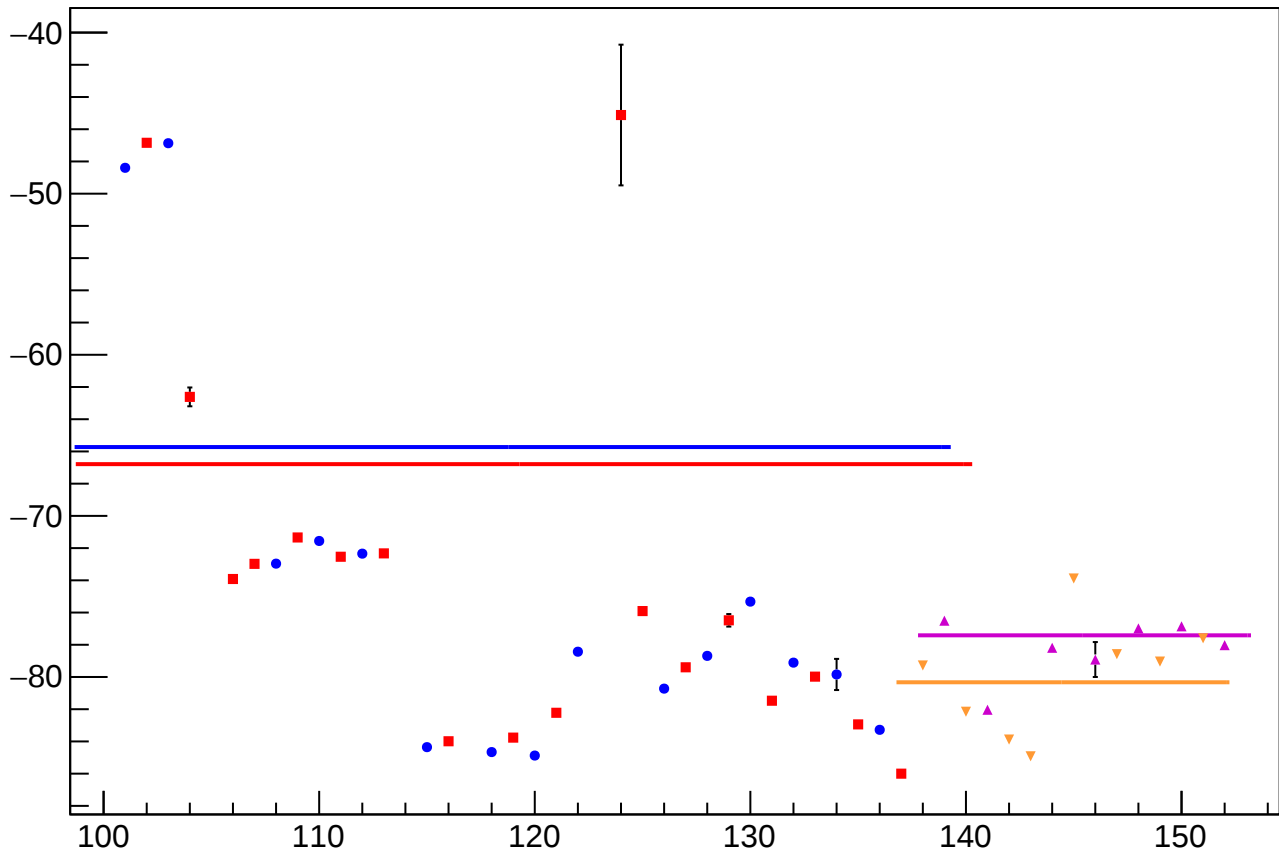
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.843 ± 0.020 $\chi^2/\text{NDF}: 64688.3/21$

Out: 38.690 ± 0.019 $\chi^2/\text{NDF}: 22367.7/25$

All: 38.283 ± 0.014 $\chi^2/\text{NDF}: 88005.5/47$

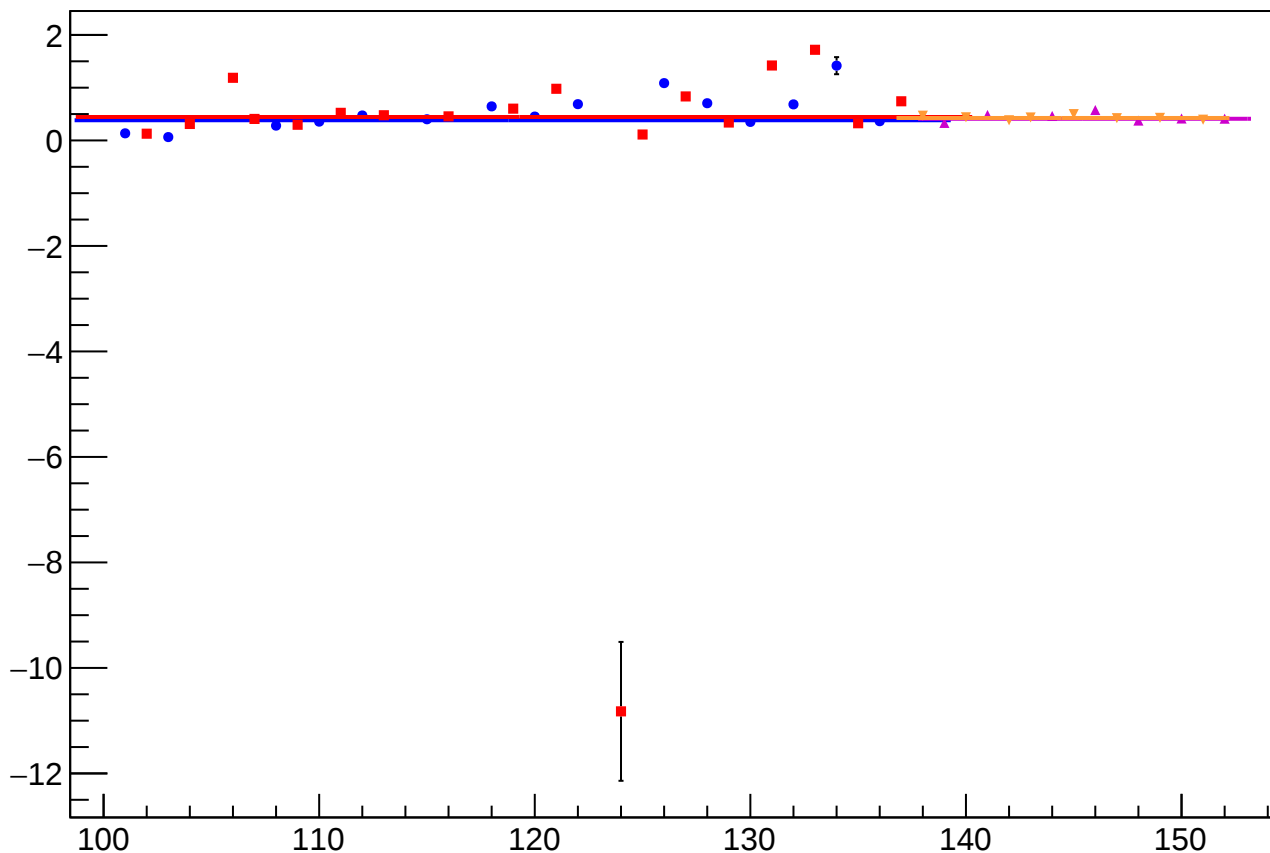
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -80.328 ± 0.044 $\chi^2/\text{NDF}: 4412.4/7$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -77.414 ± 0.030 $\chi^2/\text{NDF}: 2260.8/6$

Left: -78.342 ± 0.025 $\chi^2/\text{NDF}: 9617.3/14$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -68.487 ± 0.015 $\chi^2/\text{NDF}: 1018873.2/21$
 Out: -68.314 ± 0.015 $\chi^2/\text{NDF}: 896481.9/25$
 All: -68.401 ± 0.010 $\chi^2/\text{NDF}: 1915422.6/47$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.426 $\pm$ 0.001 χ^2 /NDF:238.1/7

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.411 $\pm$ 0.001 χ^2 /NDF:2090.4/6

Left: 0.417 $\pm$ 0.001 χ^2 /NDF: 2469.8/14

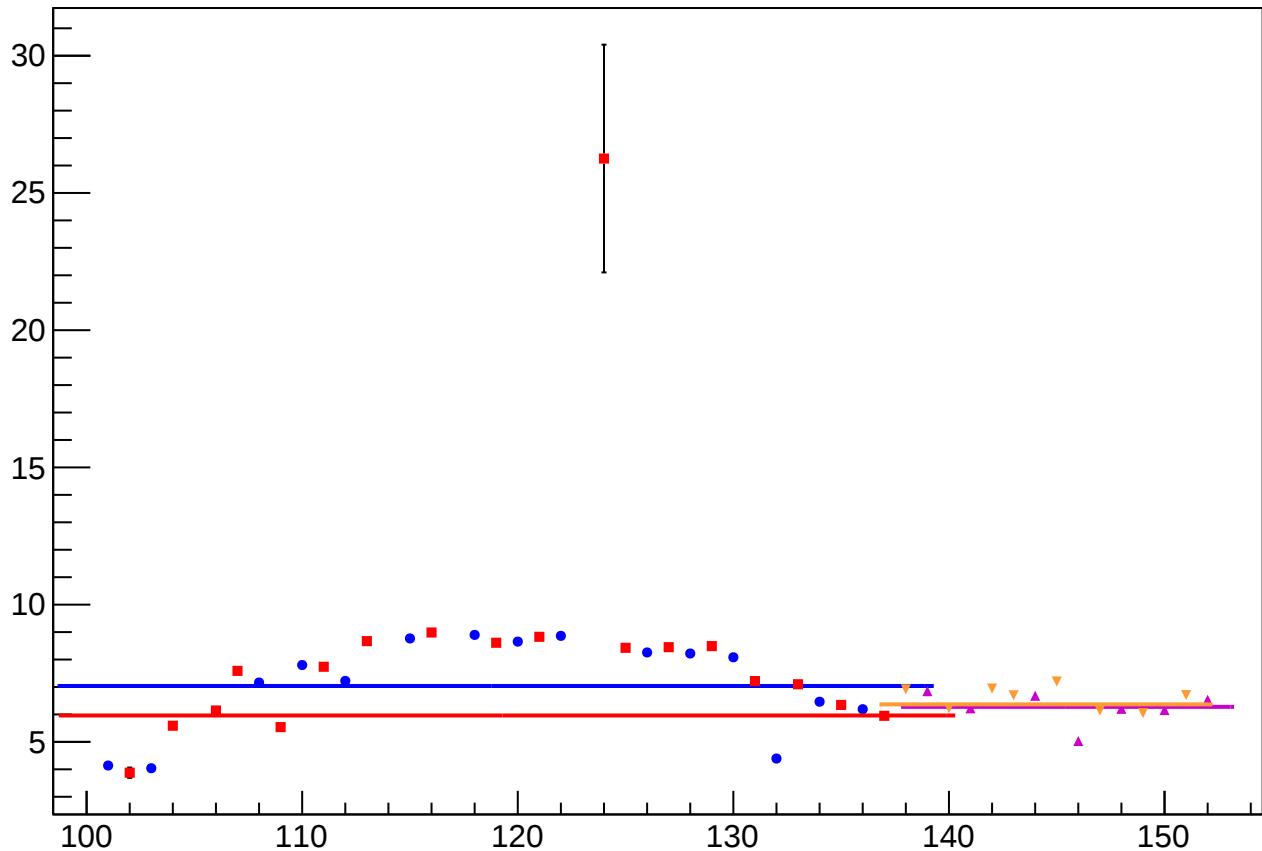
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.406 $\pm$ 0.001 χ^2 /NDF:10448.4/21

Out: 0.427 $\pm$ 0.001 χ^2 /NDF:3048.1/25

All: 0.414 $\pm$ 0.001 χ^2 /NDF: 13800.0/47

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.366 ± 0.003 χ^2/NDF : 13487.1/7

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.276 ± 0.003 χ^2/NDF : 7649.0/6

Left: 6.315 ± 0.002 χ^2/NDF : 21656.7/14

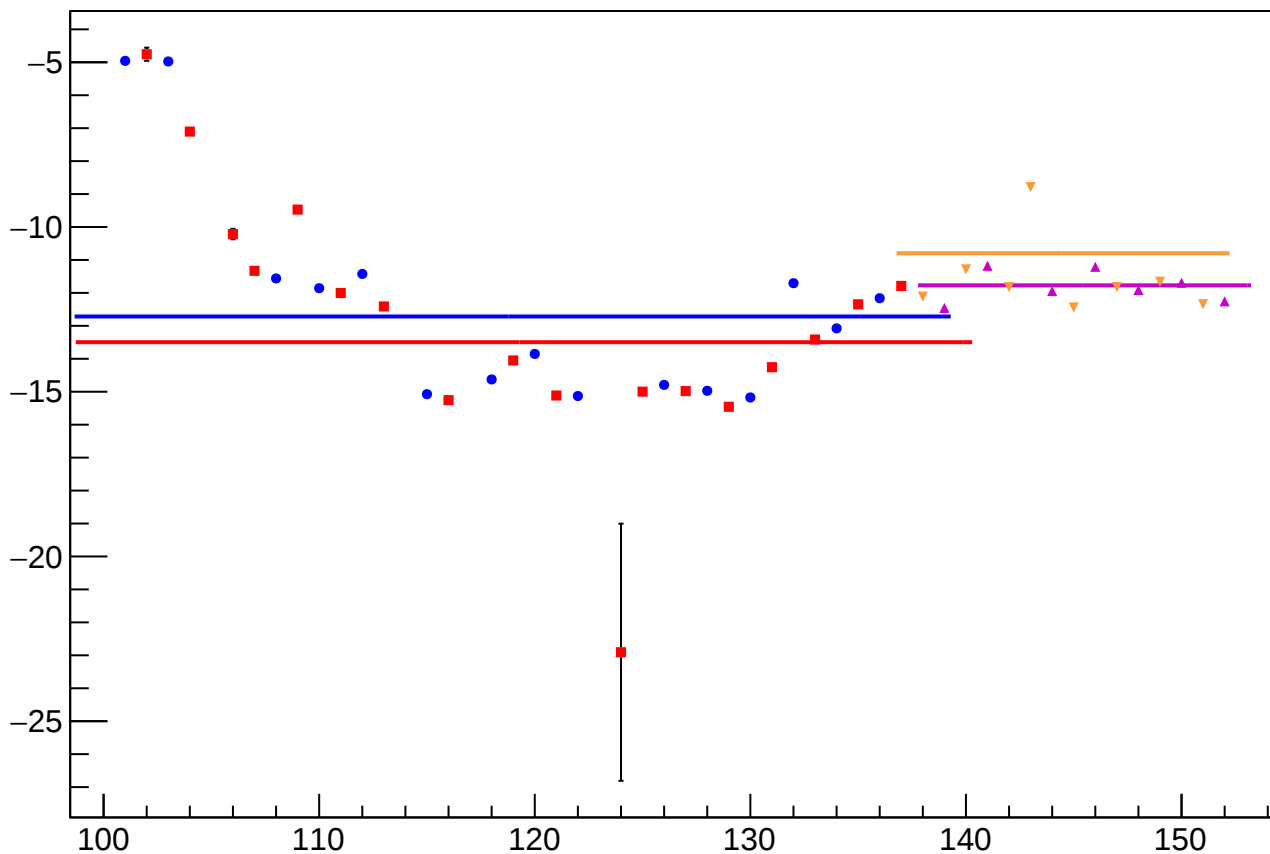
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.463 ± 0.002 χ^2/NDF : 98877.6/21

Out: 5.969 ± 0.000 χ^2/NDF : 199795.4/25

All: 5.985 ± 0.000 χ^2/NDF : 345669.1/47

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -10.795 ± 0.004 $\chi^2/\text{NDF}: 159842.5/7$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.770 ± 0.004 $\chi^2/\text{NDF}: 4578.7/6$

Left: -11.254 ± 0.003 $\chi^2/\text{NDF}: 198885.6/14$

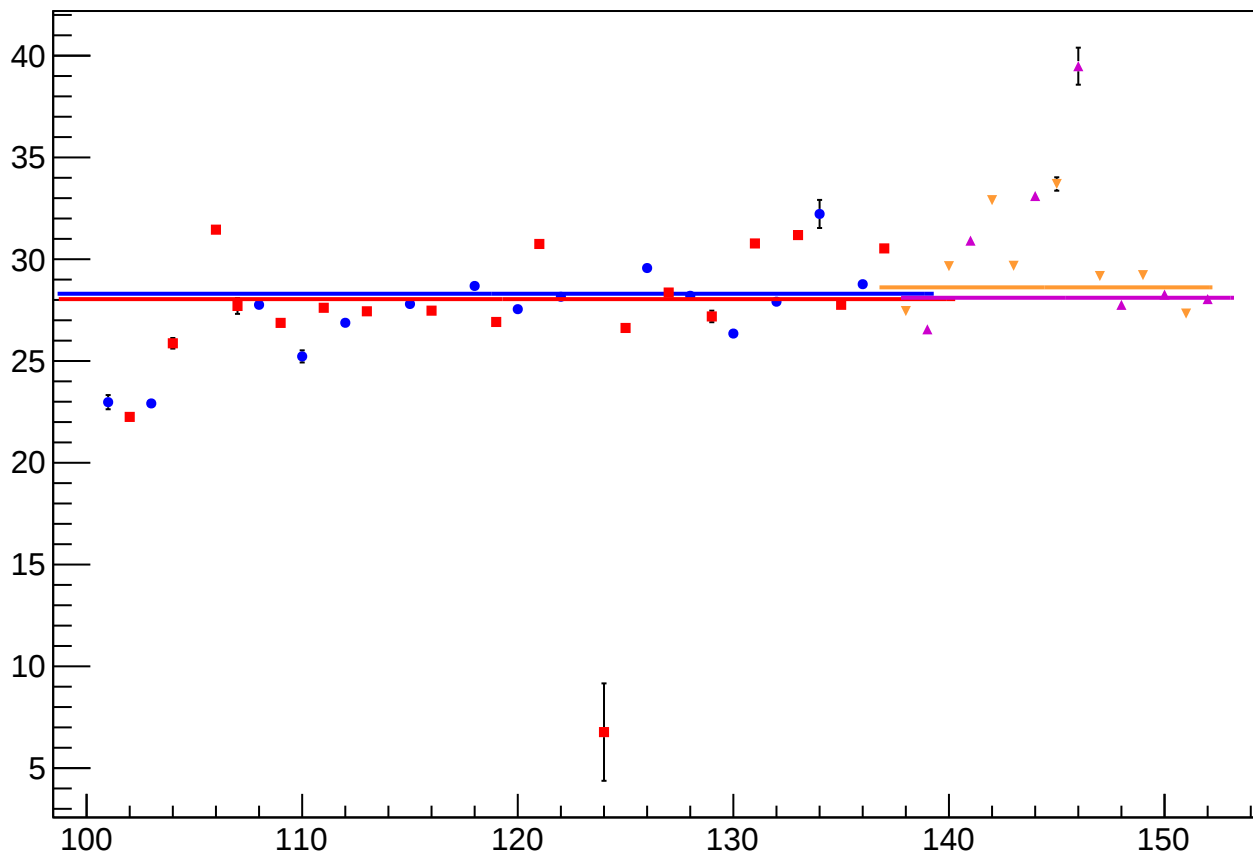
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -12.019 ± 0.003 $\chi^2/\text{NDF}: 105988.7/21$

Out: -11.545 ± 0.003 $\chi^2/\text{NDF}: 371643.5/25$

All: -11.766 ± 0.002 $\chi^2/\text{NDF}: 488833.0/47$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304+/-0.023 χ^2/NDF : 3400.0/14

Left Out: 28.618+/-0.030 χ^2/NDF :1873.2/7

Right Out: 28.040+/-0.030 χ^2/NDF : 2561.5/17

Left In: 28.106+/-0.025 χ^2/NDF :2871.0/6

Left: 28.319+/-0.019 χ^2/NDF : 4914.2/14

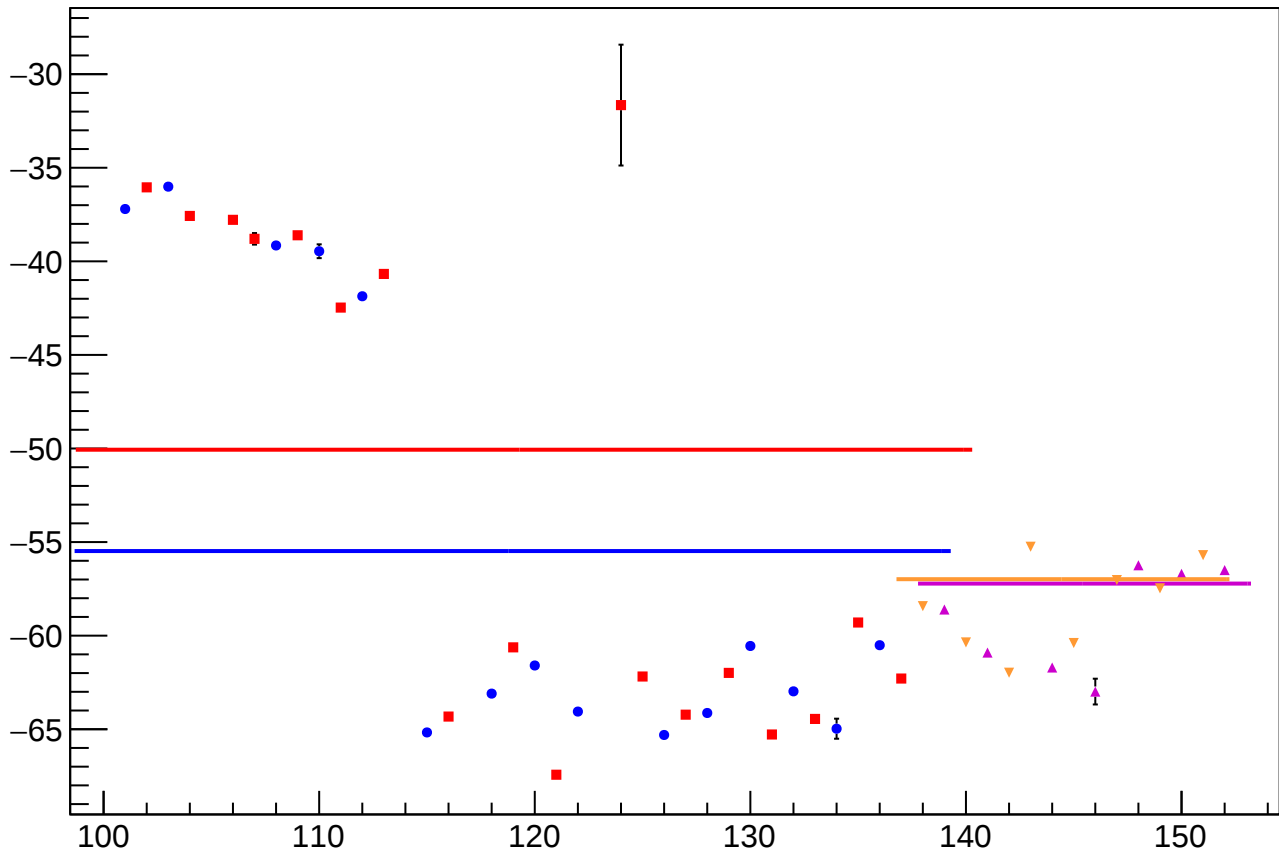
Right: 28.207+/-0.018 χ^2/NDF : 6009.6/32

In: 28.214+/-0.017 χ^2/NDF :6304.3/21

Out: 28.332+/-0.021 χ^2/NDF :4618.6/25

All: 28.260+/-0.013 χ^2/NDF : 10941.6/47

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.983 $\pm$ 0.027 χ^2 /NDF: 4158.7/7

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -57.218 $\pm$ 0.022 χ^2 /NDF: 4549.5/6

Left: -57.125 $\pm$ 0.017 χ^2 /NDF: 8753.3/14

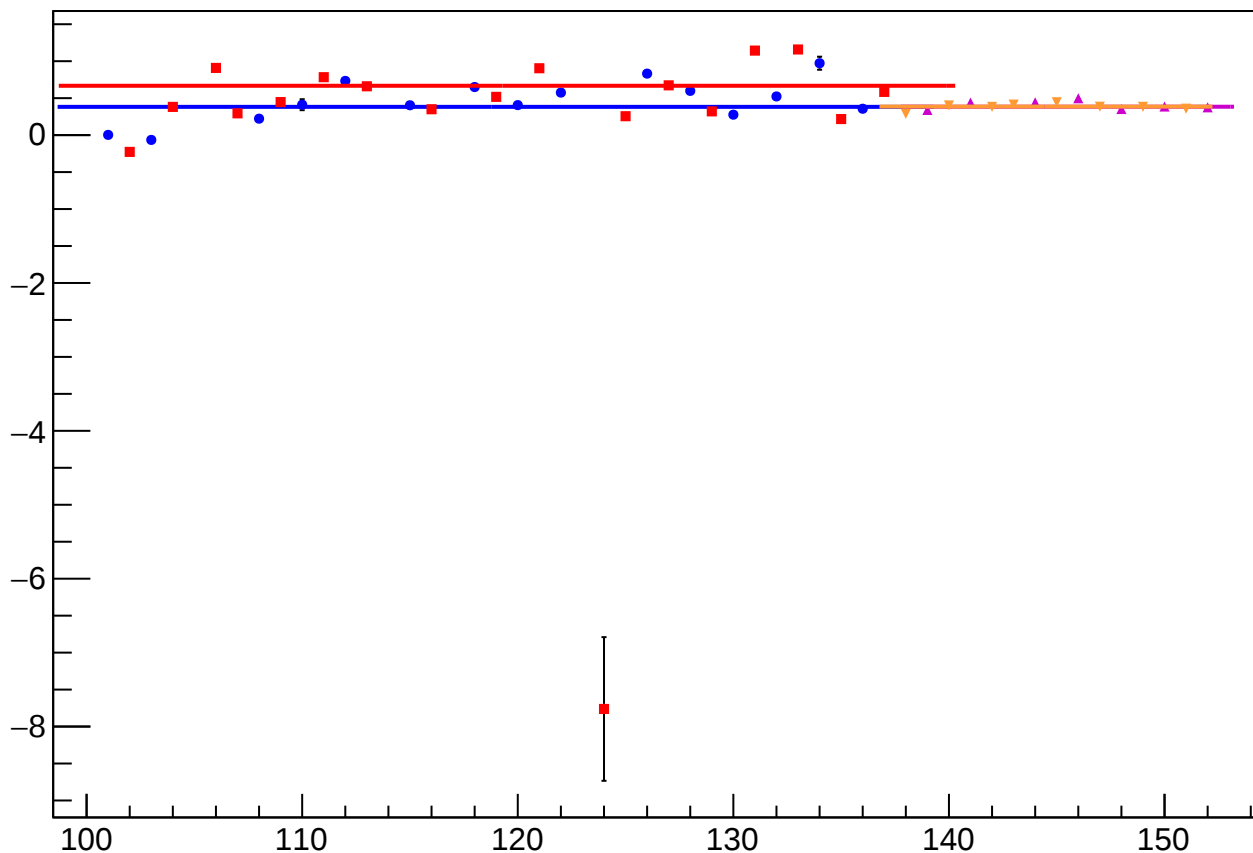
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.106 $\pm$ 0.013 χ^2 /NDF: 603657.6/21

Out: -52.972 $\pm$ 0.018 χ^2 /NDF: 381852.4/25

All: -54.973 $\pm$ 0.011 χ^2 /NDF: 1005741.1/47

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.386 ± 0.001 χ^2/NDF : 909.3/7

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.384 ± 0.001 χ^2/NDF : 1715.3/6

Left: 0.385 ± 0.000 χ^2/NDF : 2629.5/14

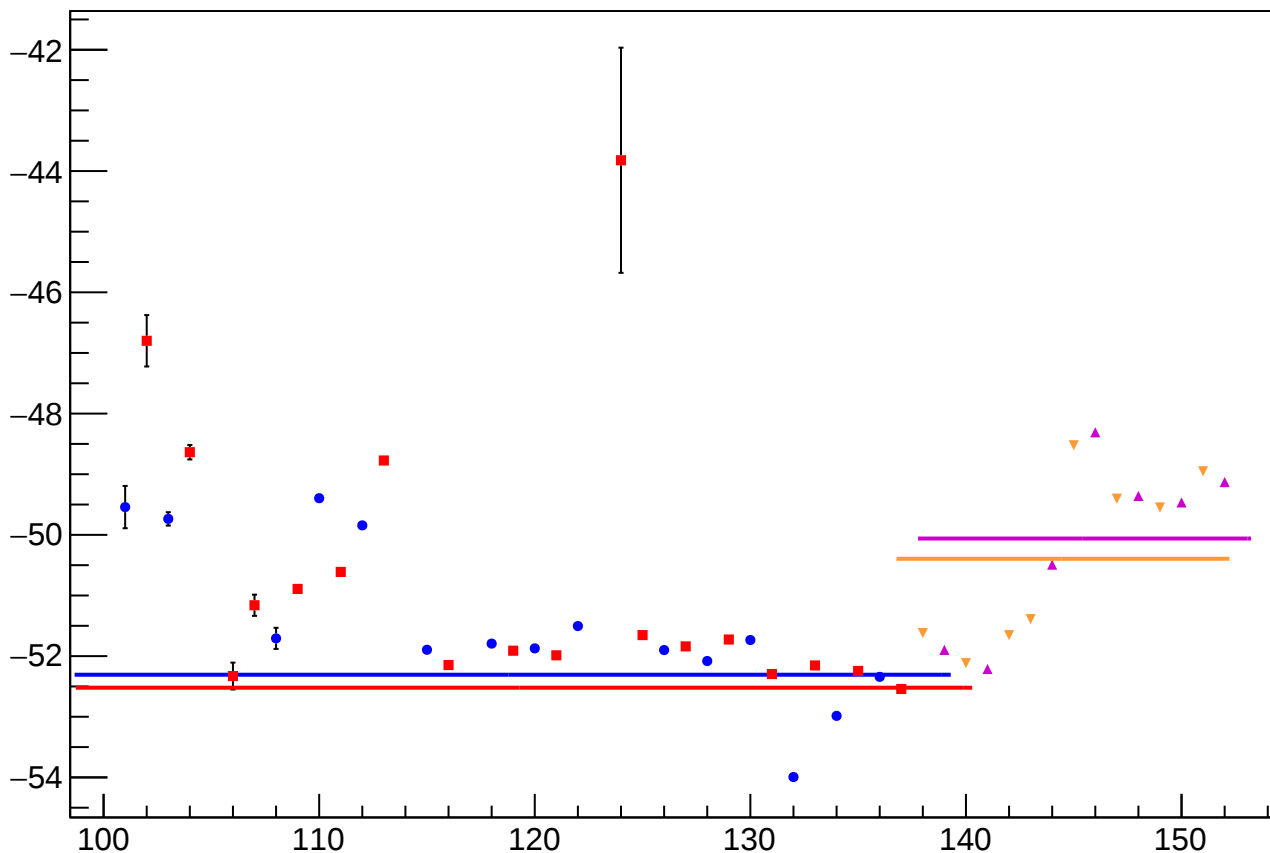
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.384 ± 0.001 χ^2/NDF : 6312.2/21

Out: 0.392 ± 0.001 χ^2/NDF : 8267.3/25

All: 0.387 ± 0.000 χ^2/NDF : 14671.6/47

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2/NDF : 25427.4/14

Left Out: -50.394 $\pm$ 0.003 χ^2/NDF : 117329.4/7

Right Out: -52.521 $\pm$ 0.001 χ^2/NDF : 14961.7/17

Left In: -50.061 $\pm$ 0.002 χ^2/NDF : 213166.2/6

Left: -50.189 $\pm$ 0.002 χ^2/NDF : 337451.5/14

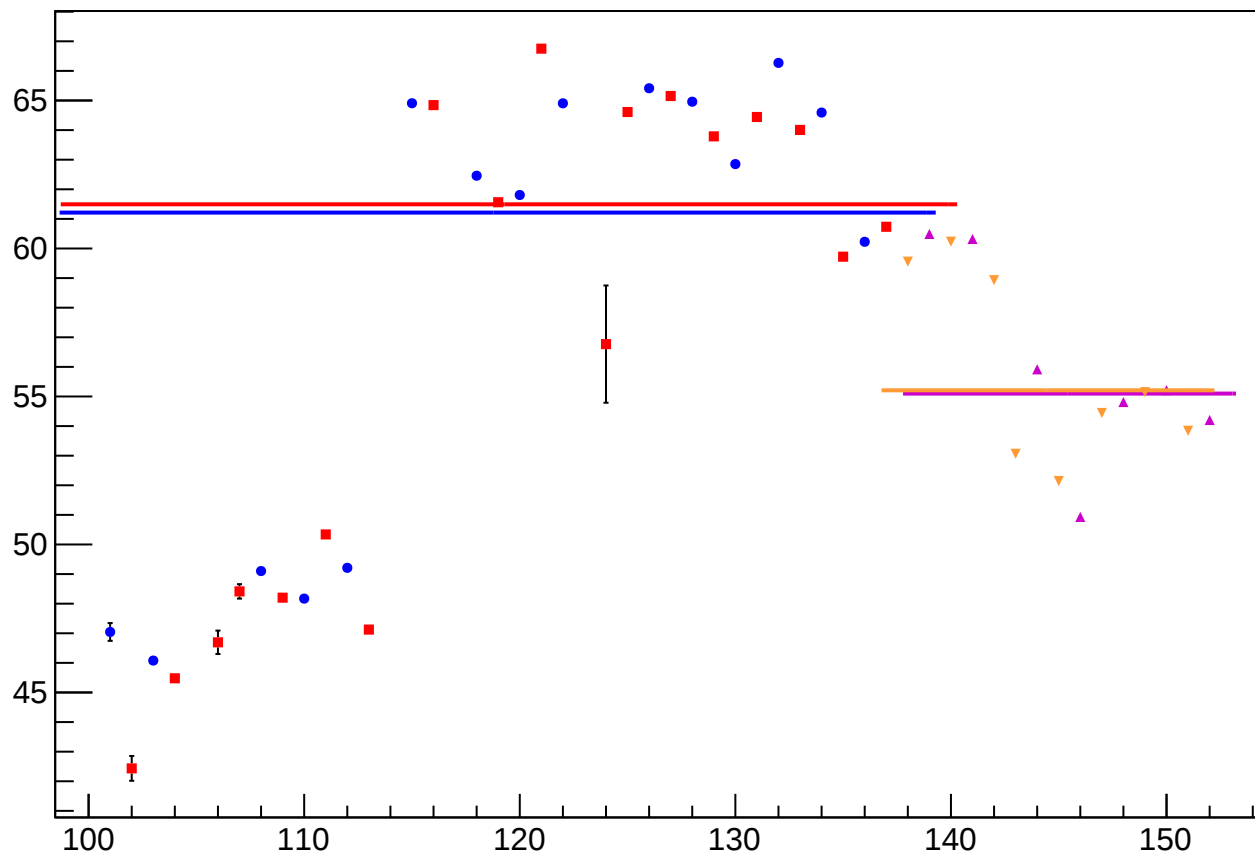
Right: -52.505 $\pm$ 0.001 χ^2/NDF : 43203.2/32

In: -50.713 $\pm$ 0.002 χ^2/NDF : 476206.3/21

Out: -52.286 $\pm$ 0.001 χ^2/NDF : 542481.6/25

All: -51.974 $\pm$ 0.001 χ^2/NDF : 1471641.3/47

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.208 ± 0.006 $\chi^2/\text{NDF}: 193722.2/7$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.098 ± 0.005 $\chi^2/\text{NDF}: 57247.1/6$

Left: 55.143 ± 0.004 $\chi^2/\text{NDF}: 251174.9/14$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 56.285 ± 0.004 $\chi^2/\text{NDF}: 519606.8/21$

Out: 57.957 ± 0.004 $\chi^2/\text{NDF}: 929717.5/25$

All: 57.108 ± 0.003 $\chi^2/\text{NDF}: 1521265.6/47$

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

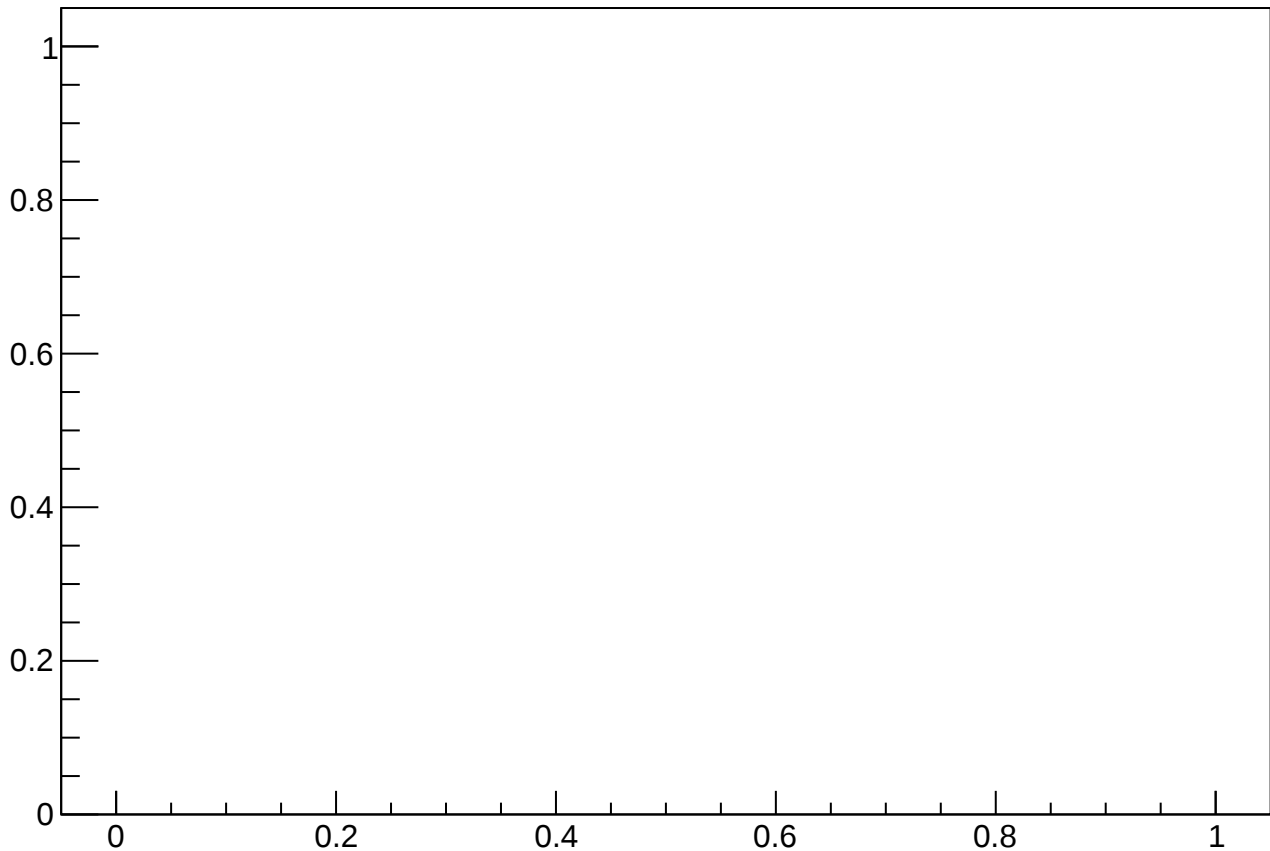
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

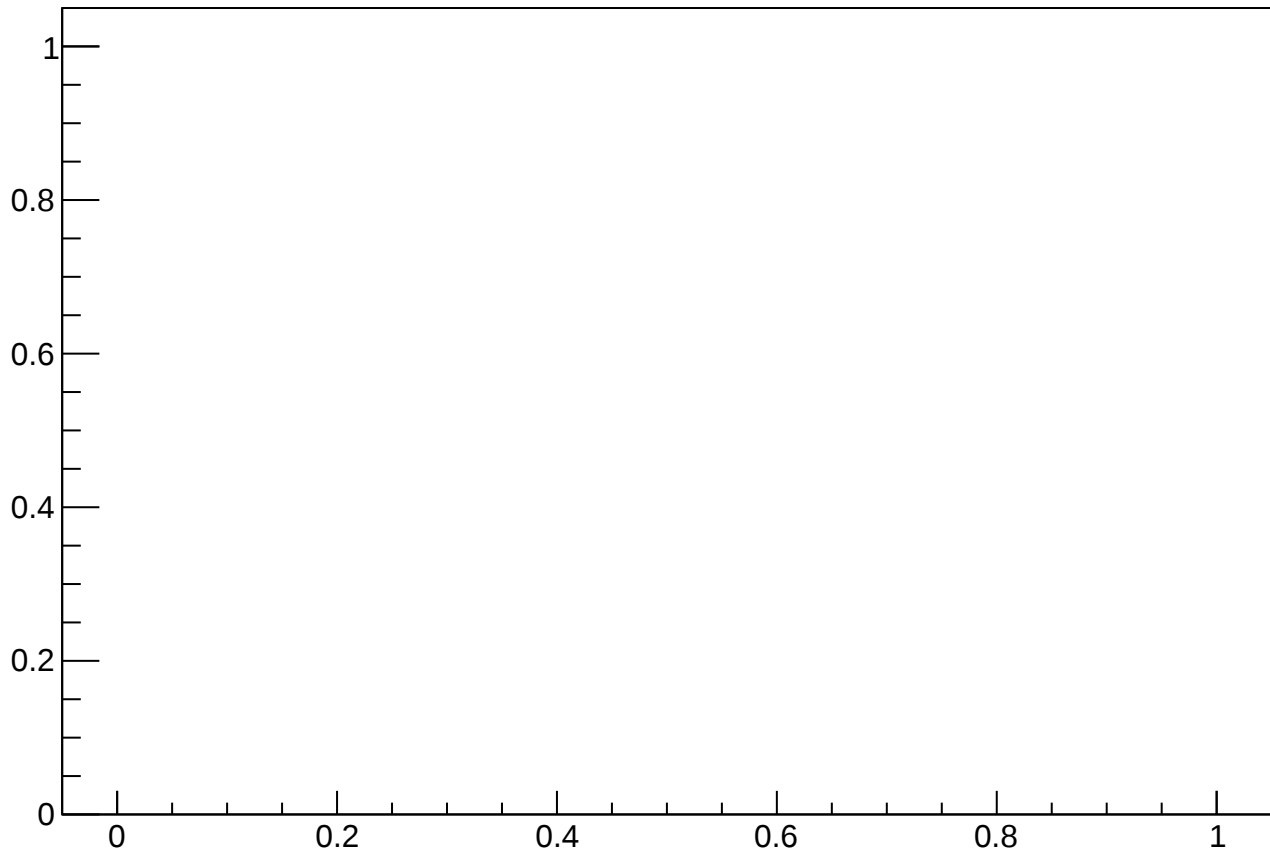
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

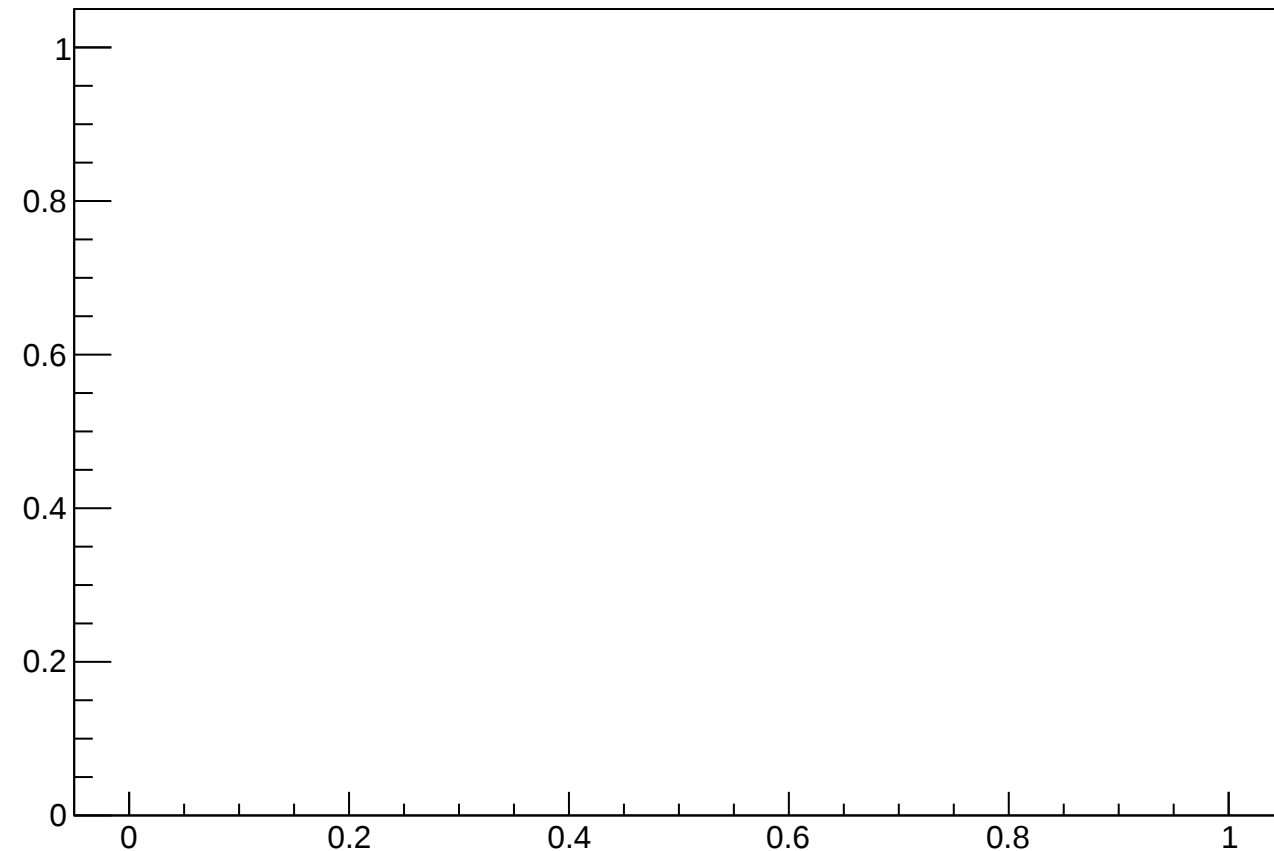
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

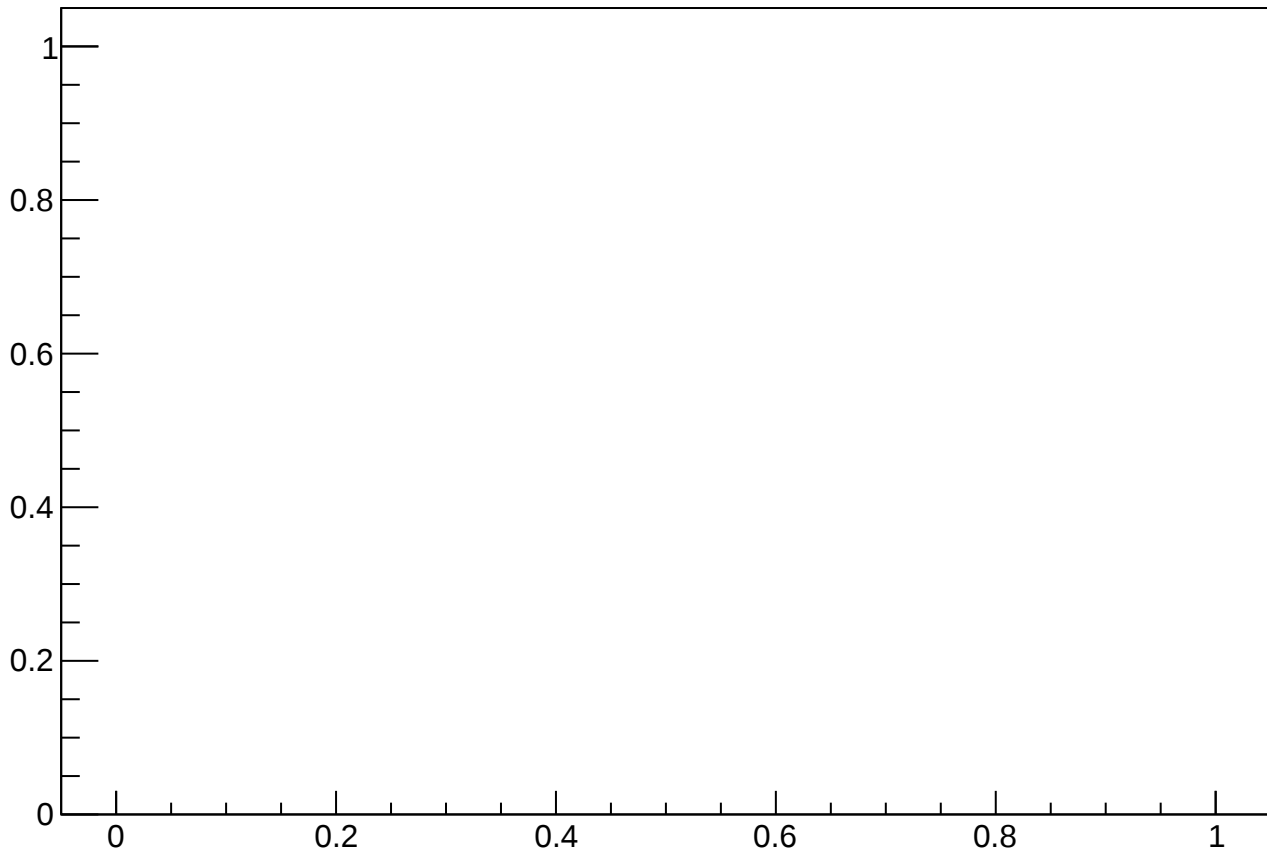
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

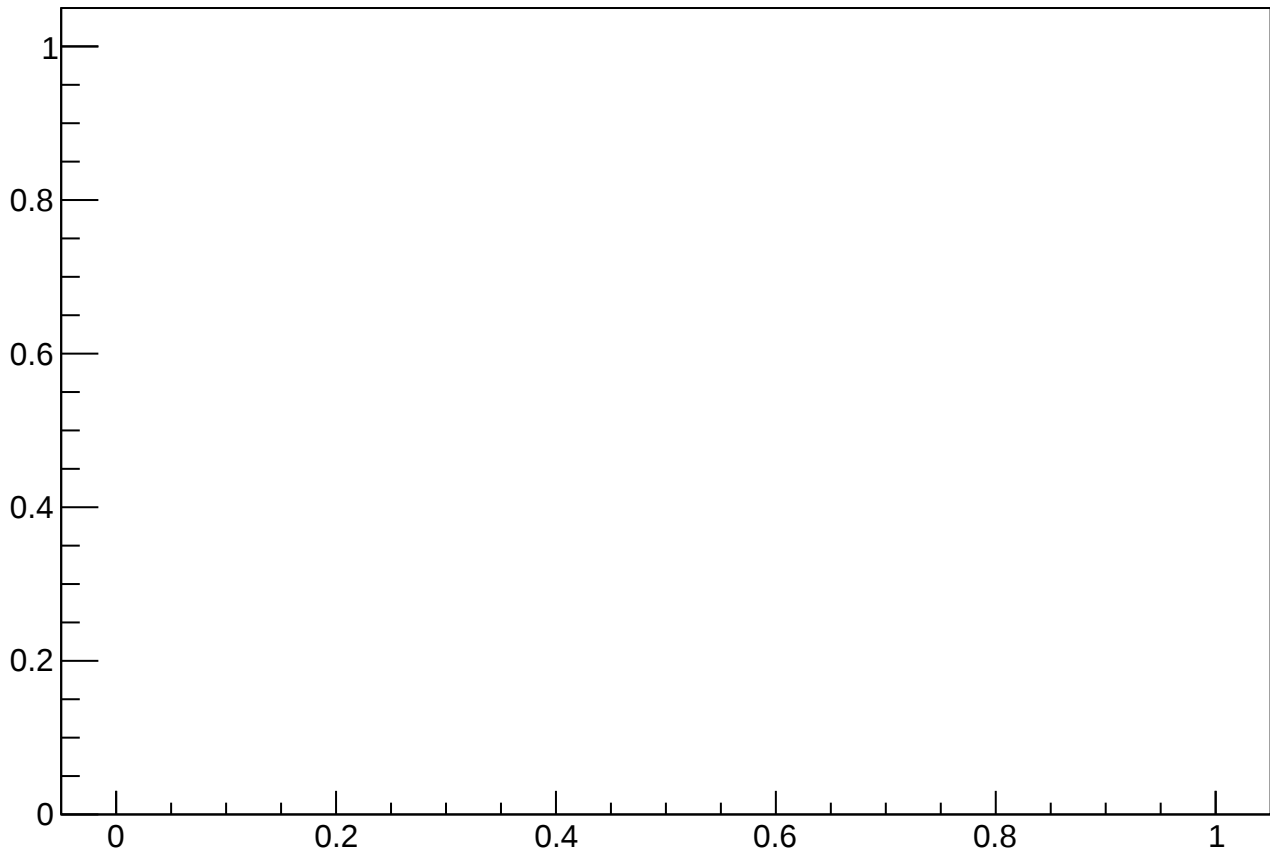
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

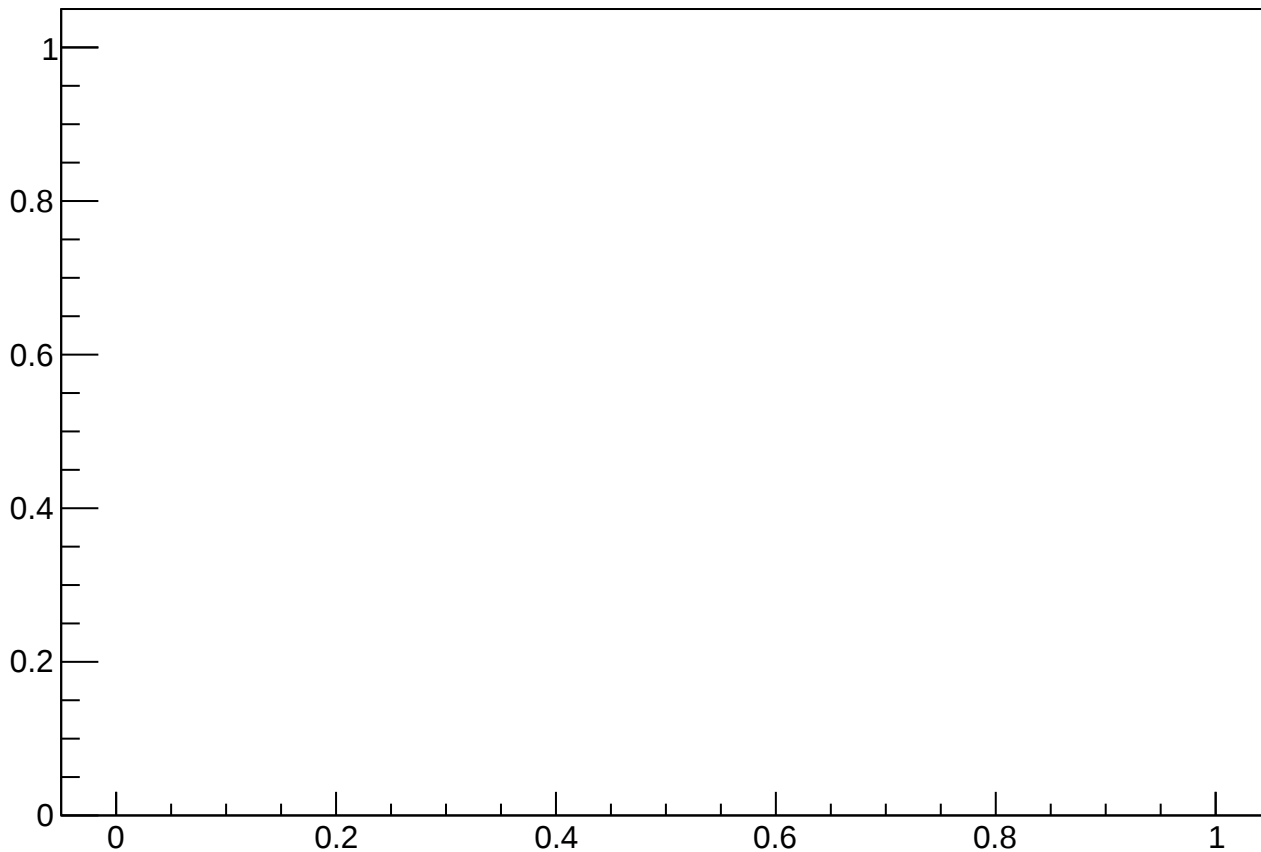
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

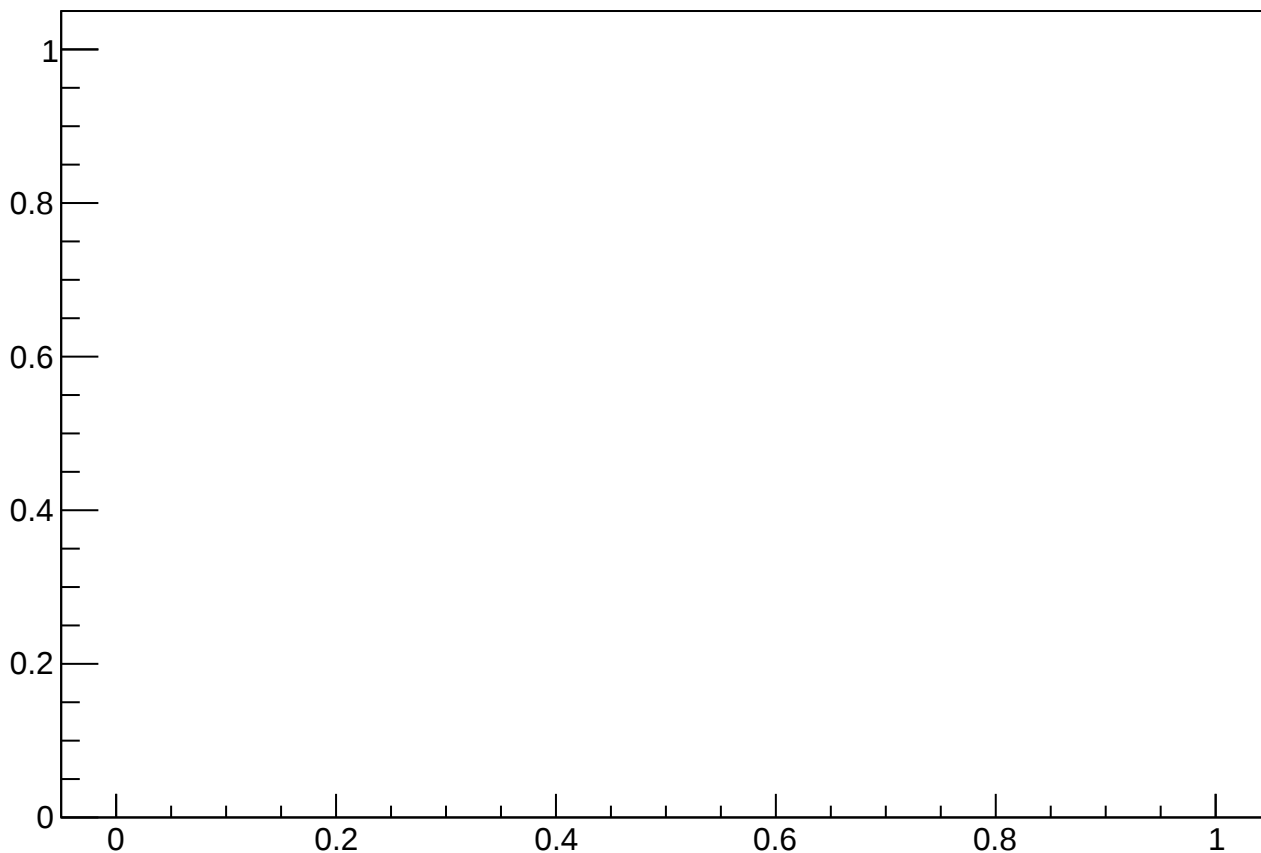
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

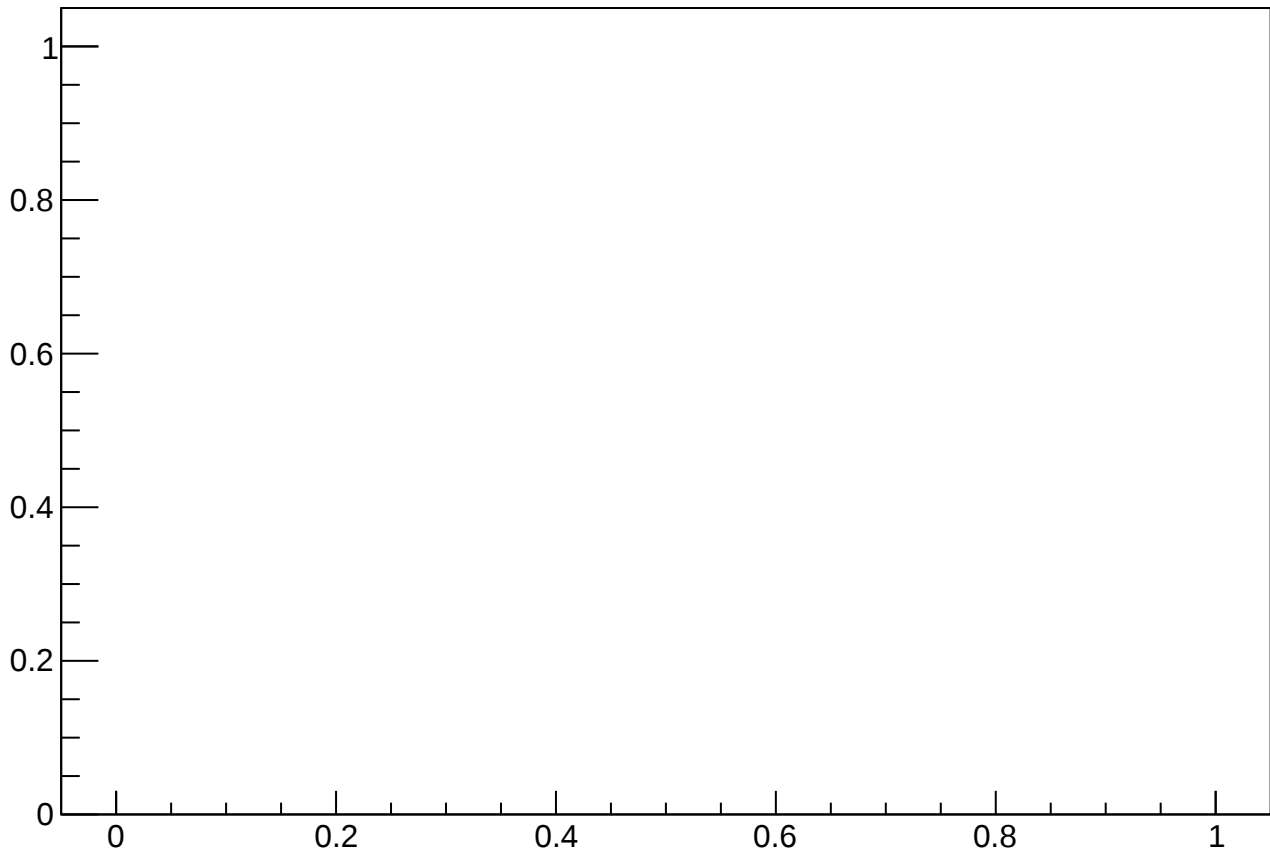
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

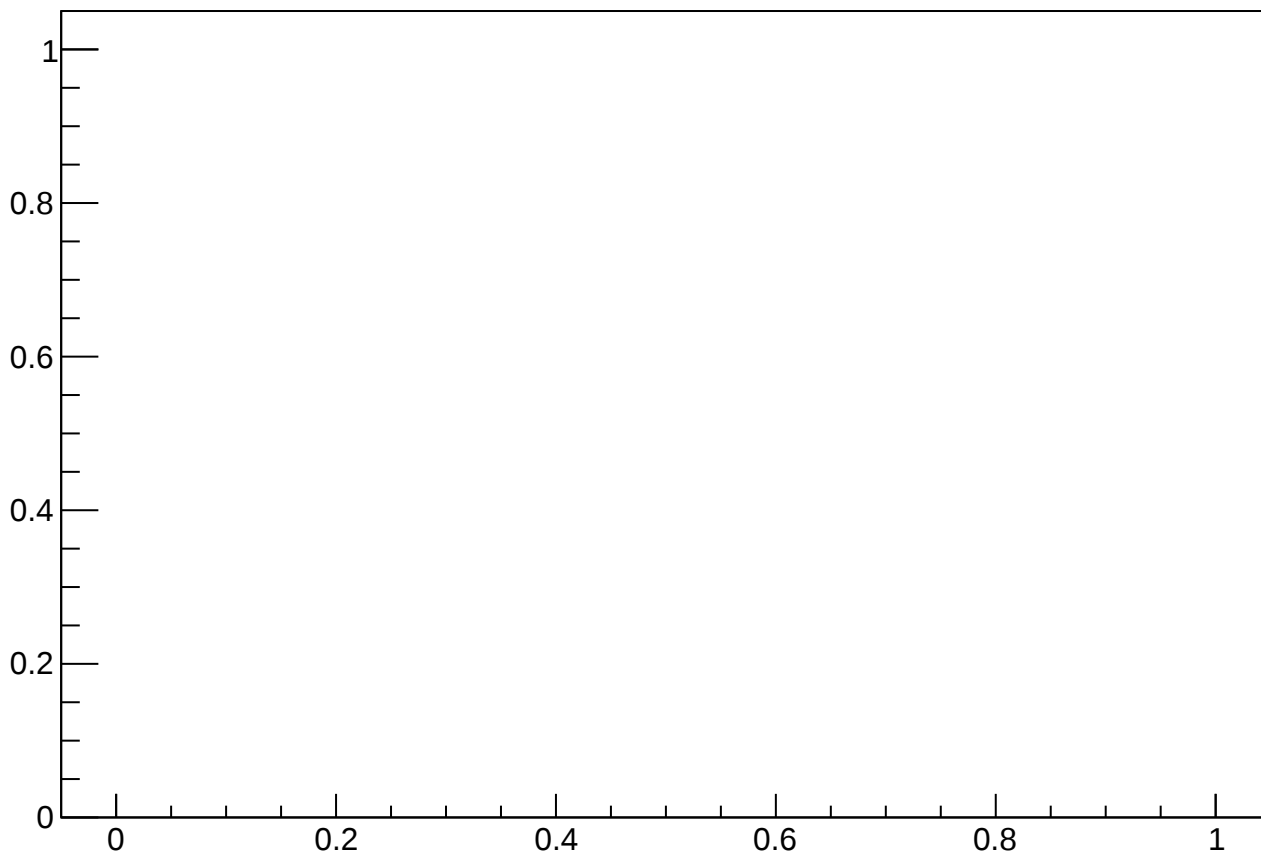
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

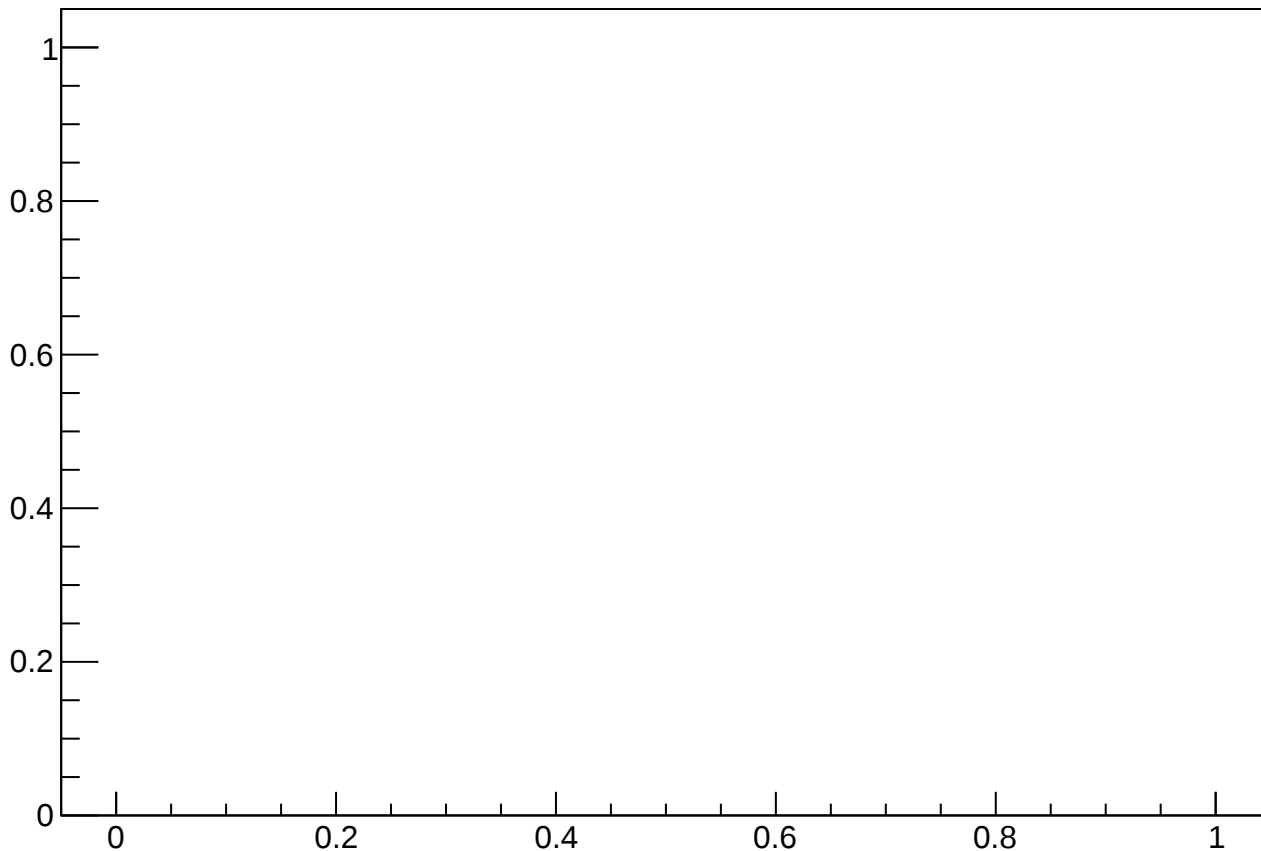
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

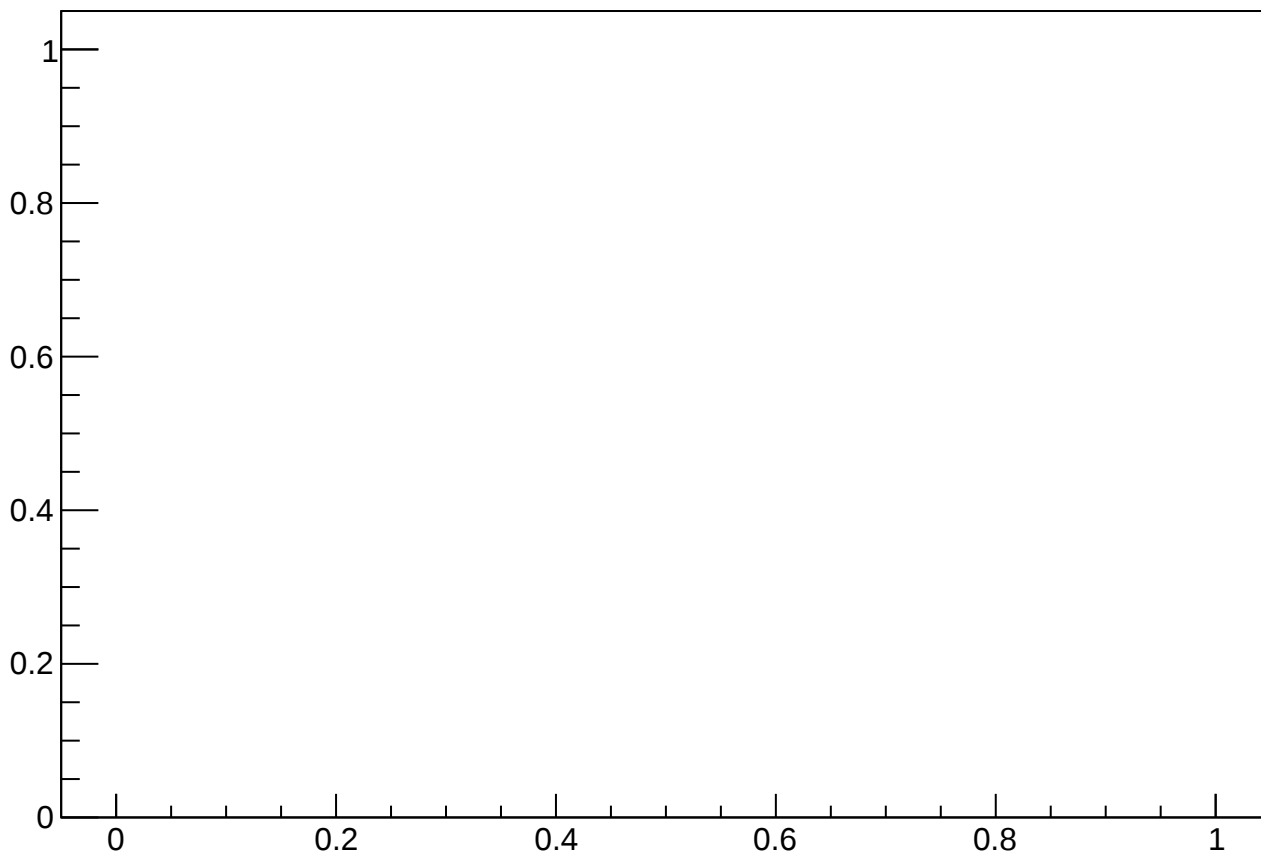
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

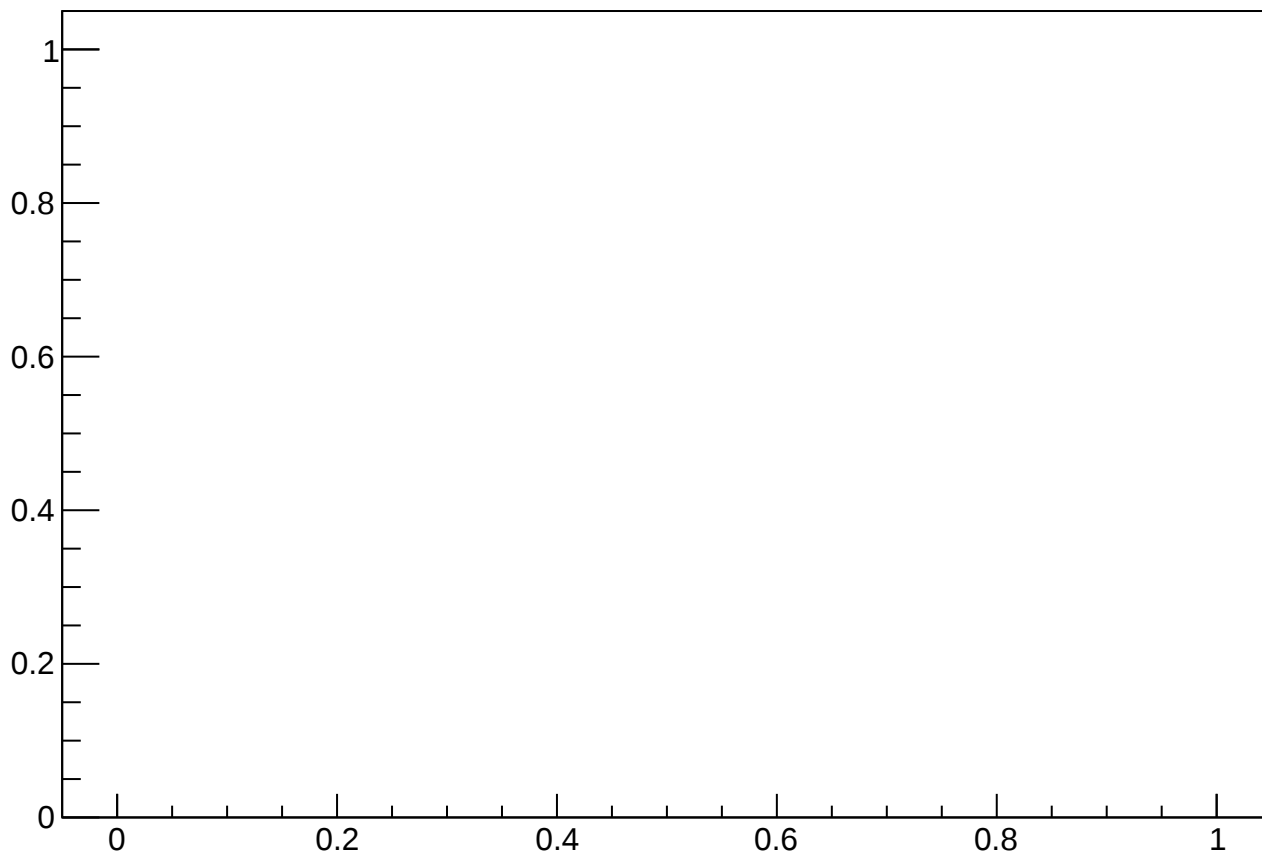
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

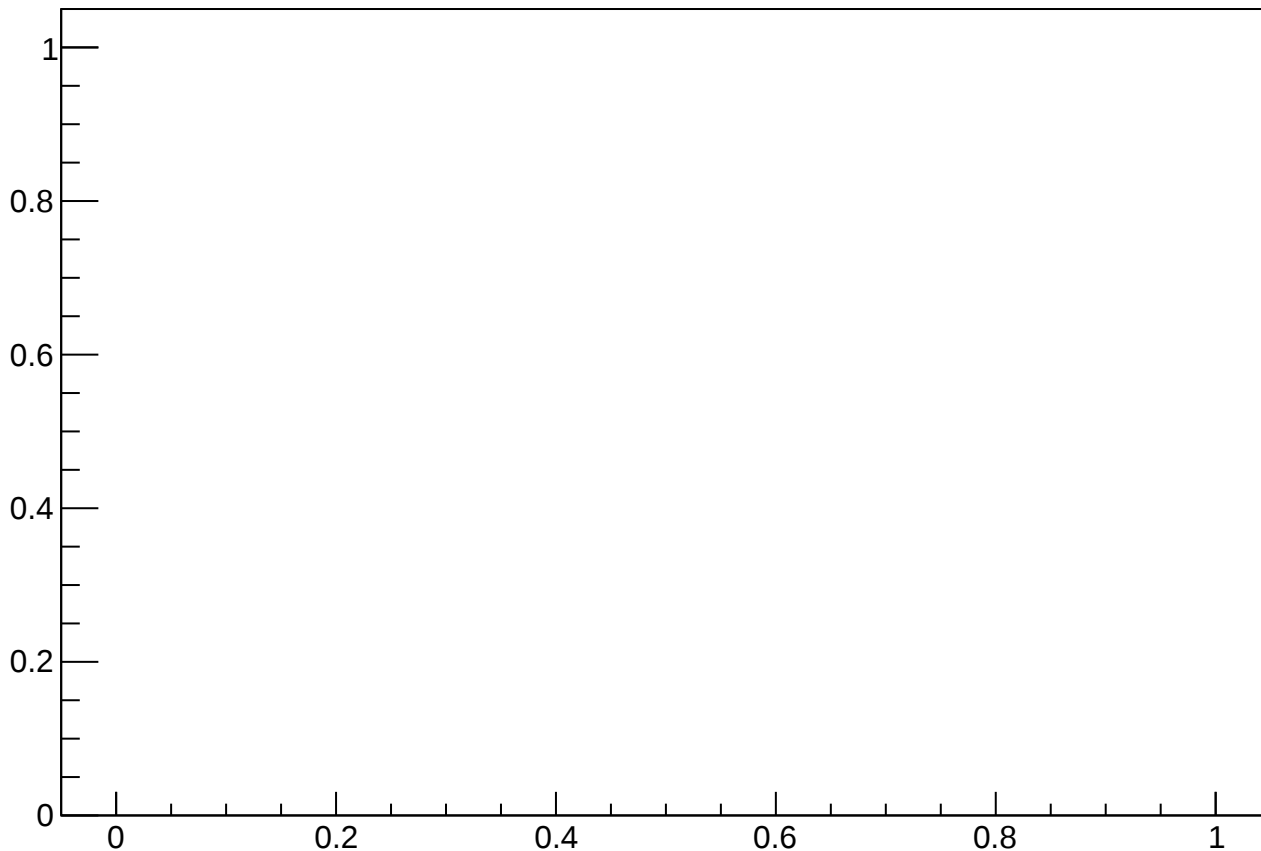
dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

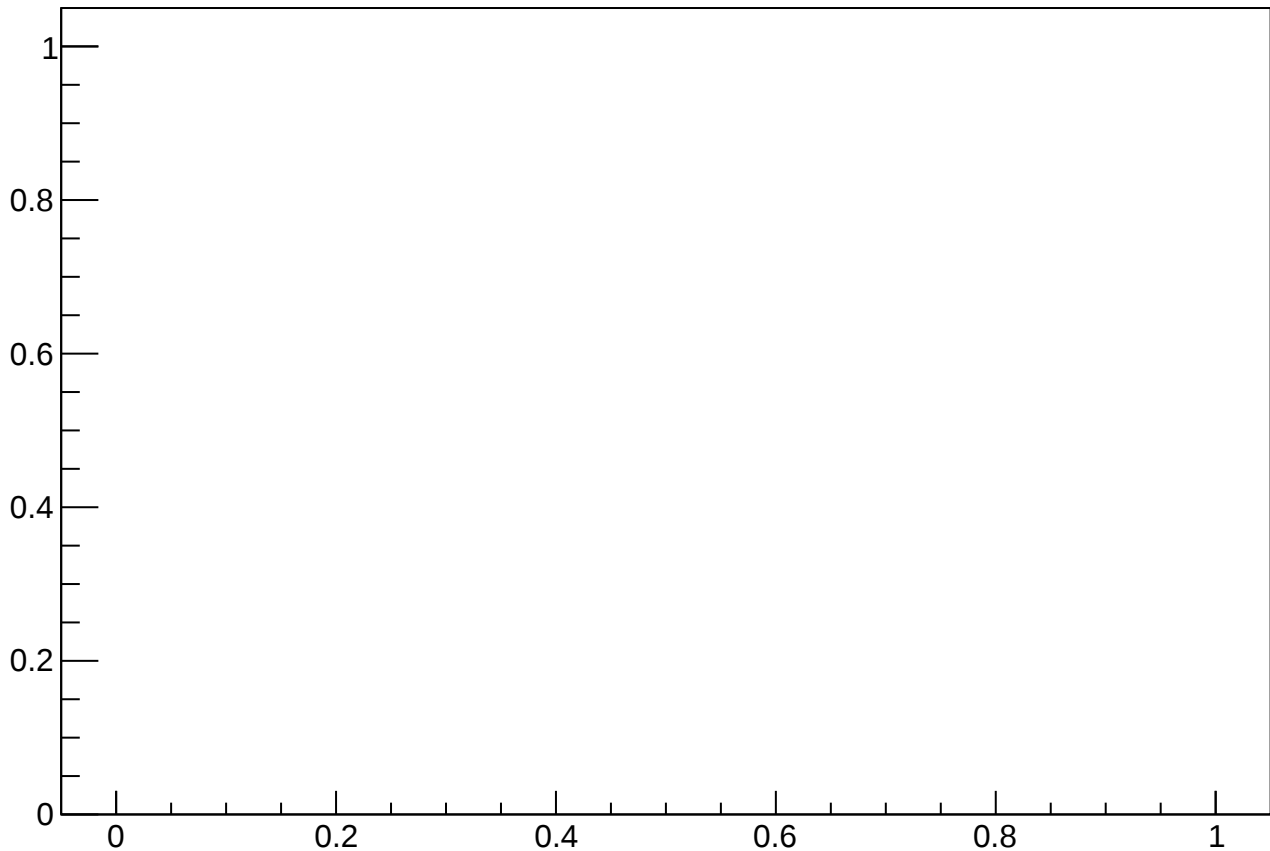
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

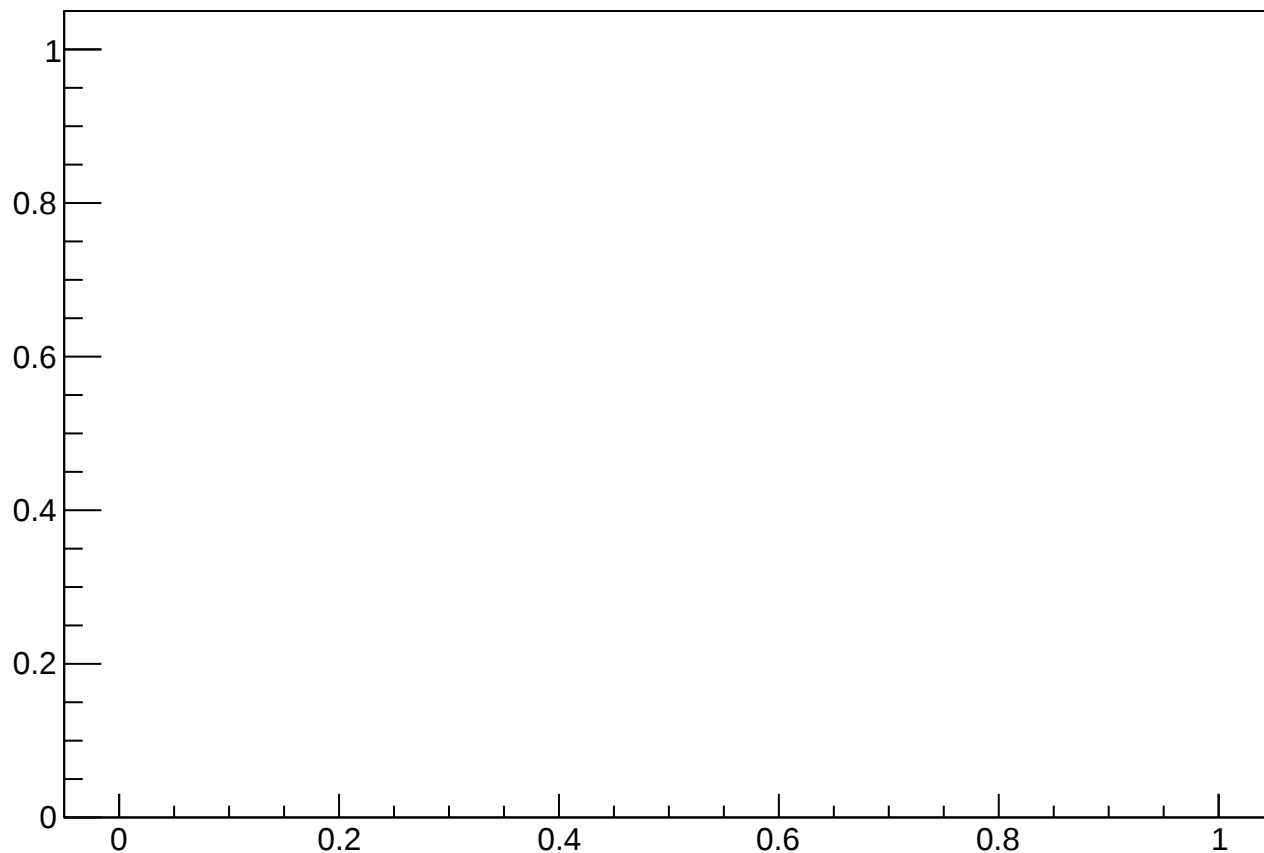
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

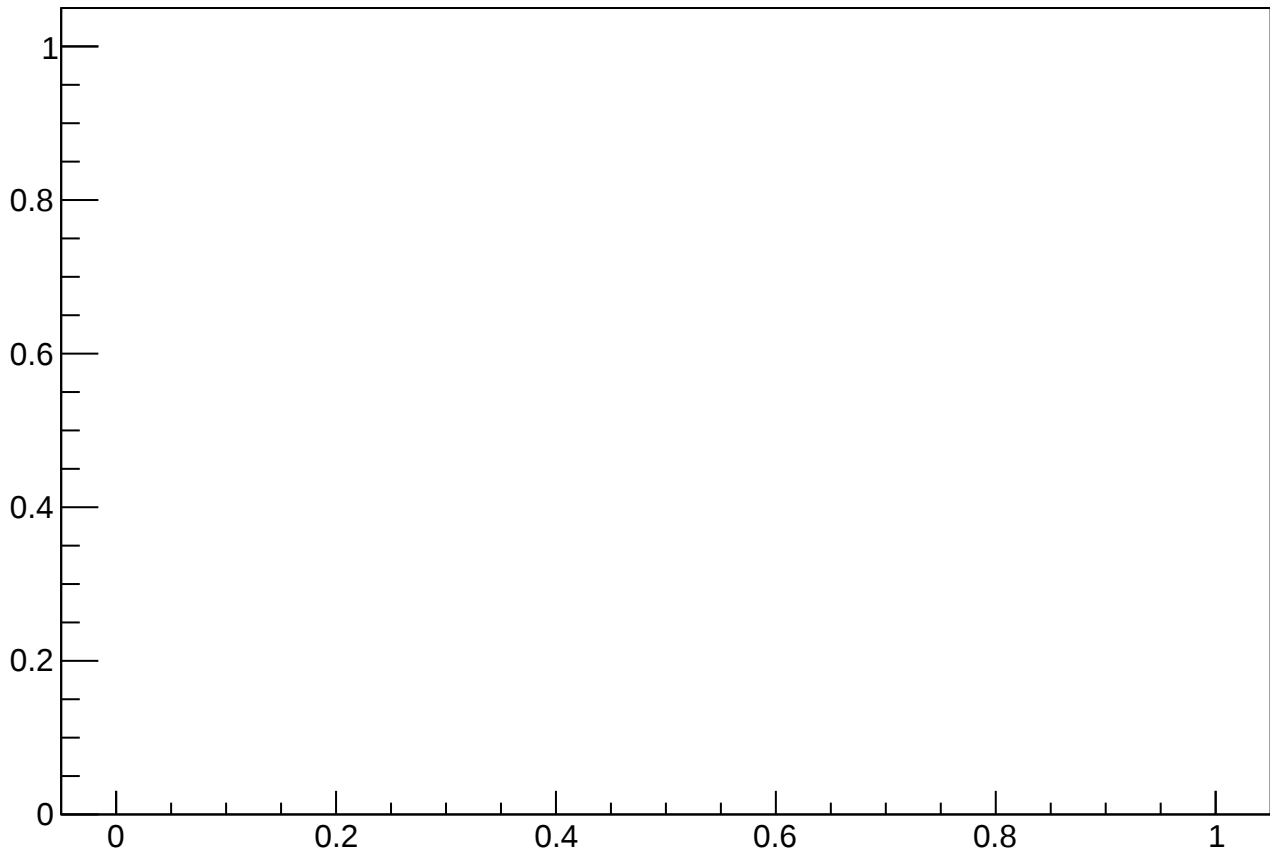
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

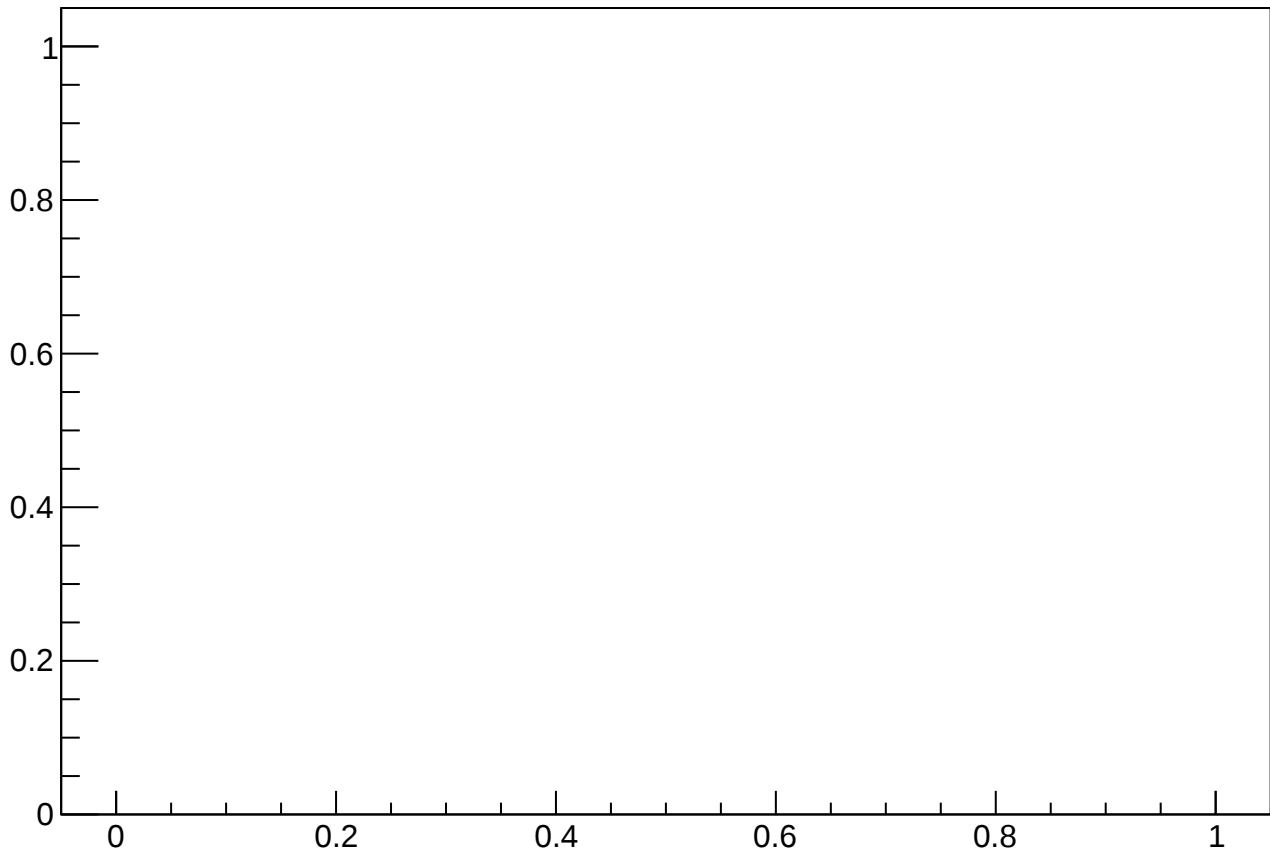
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

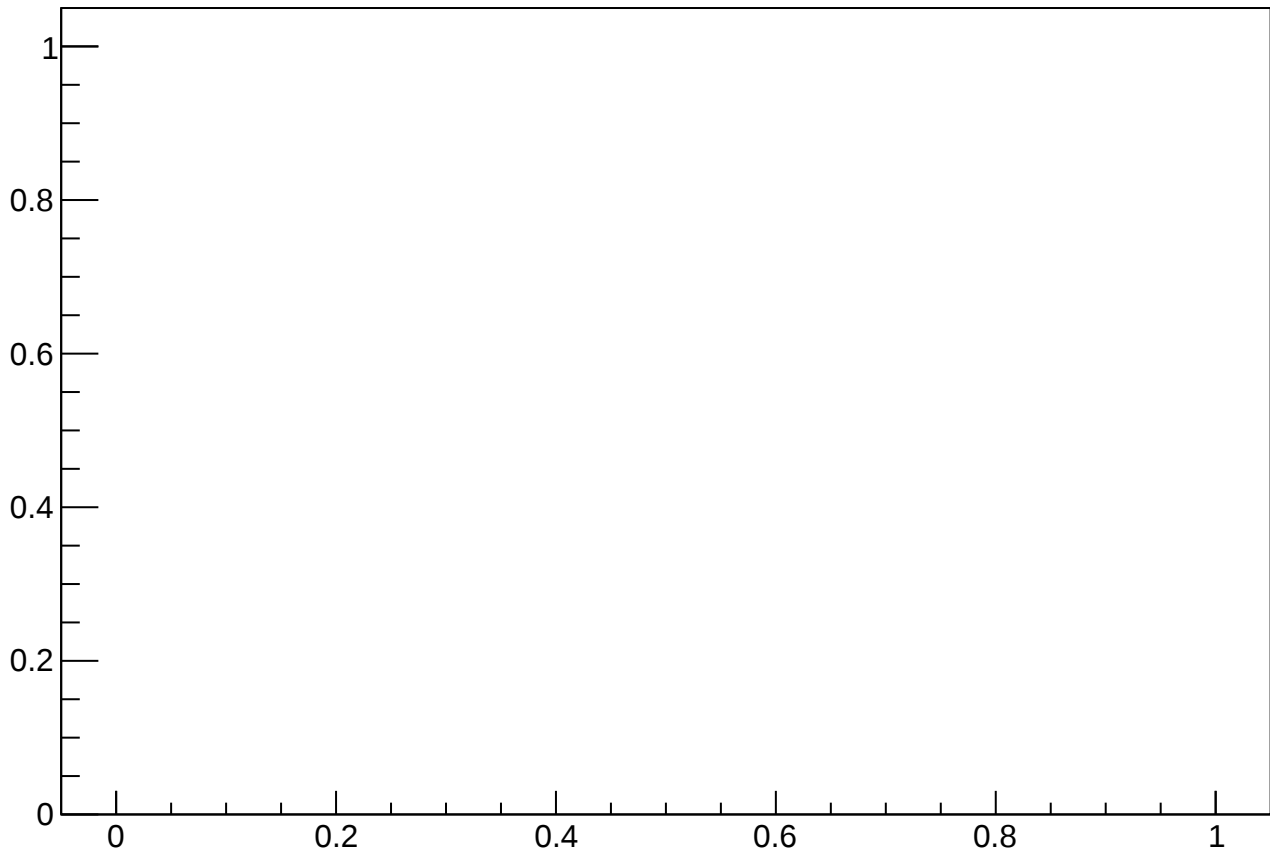
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

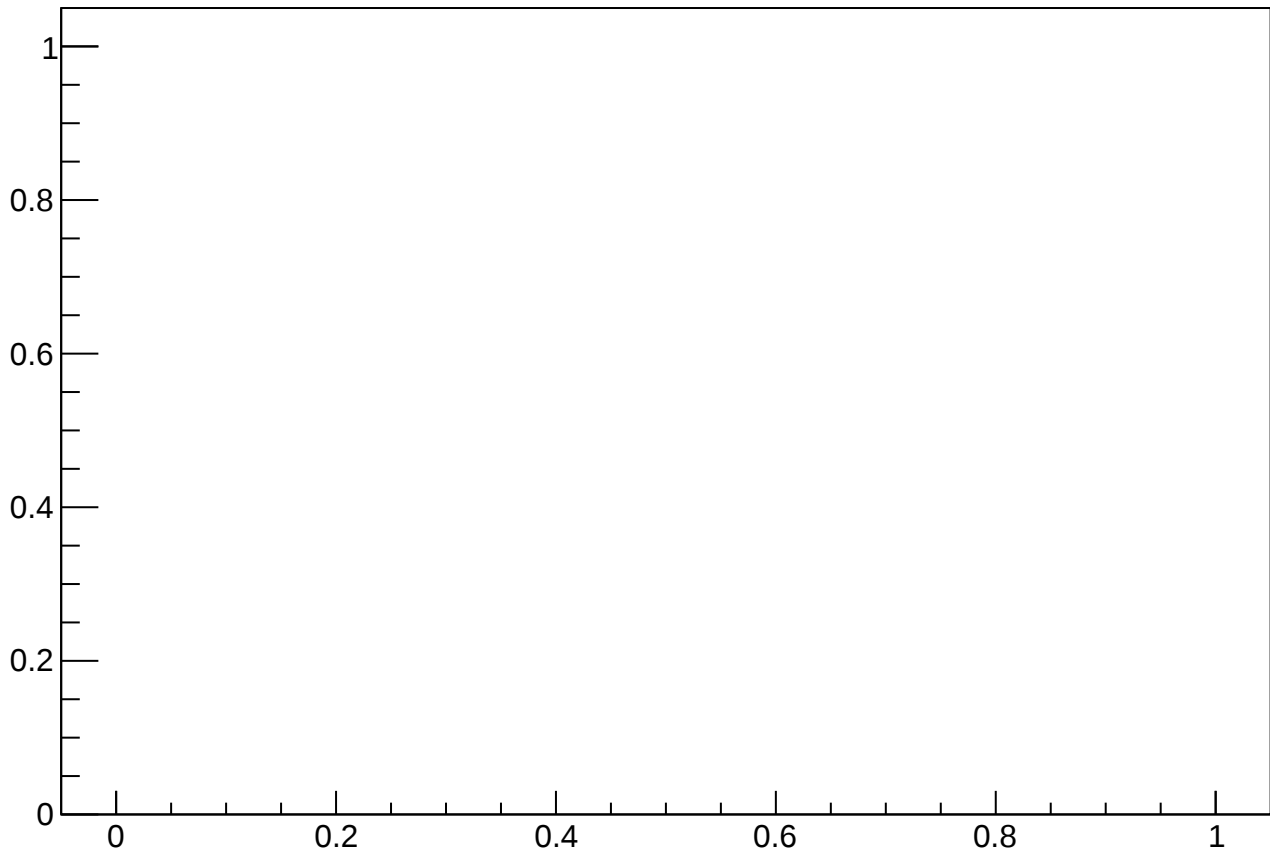
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

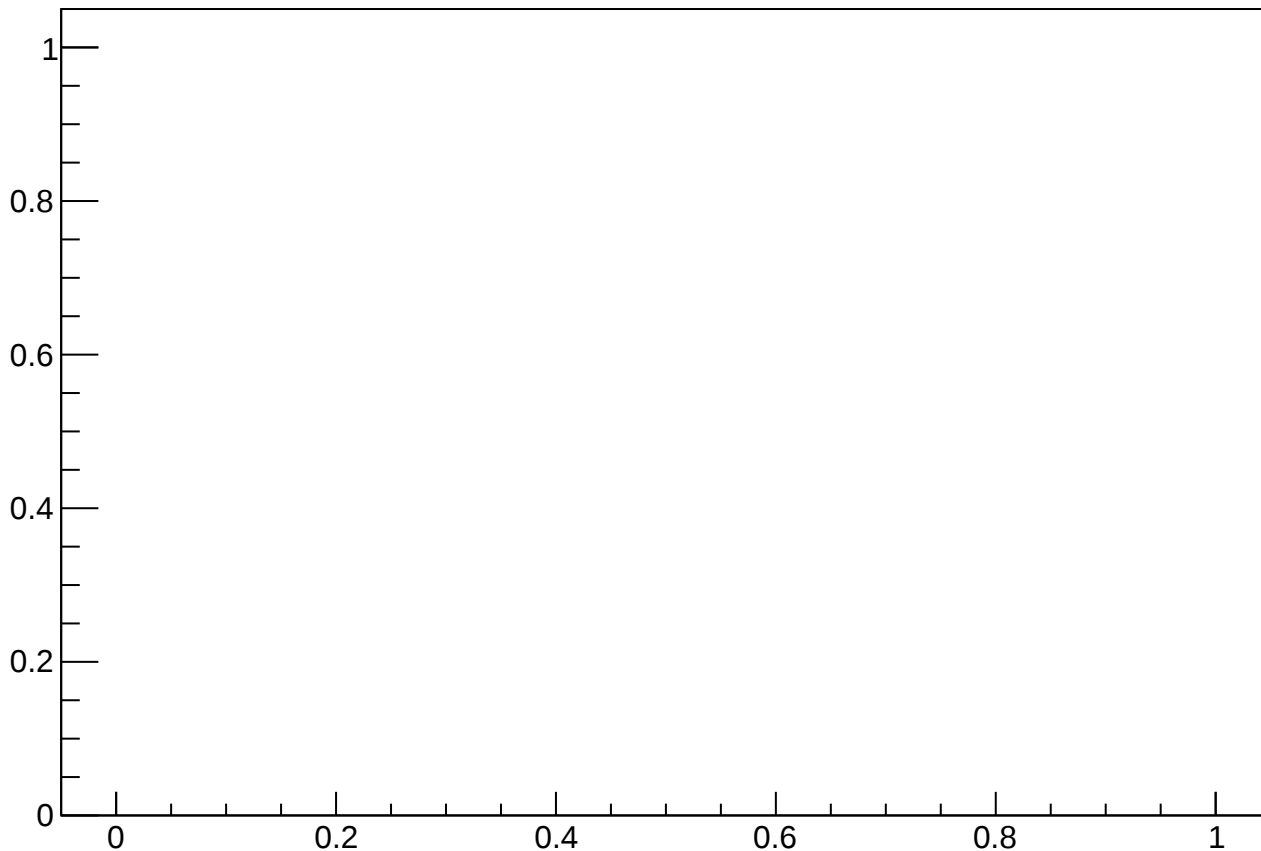
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

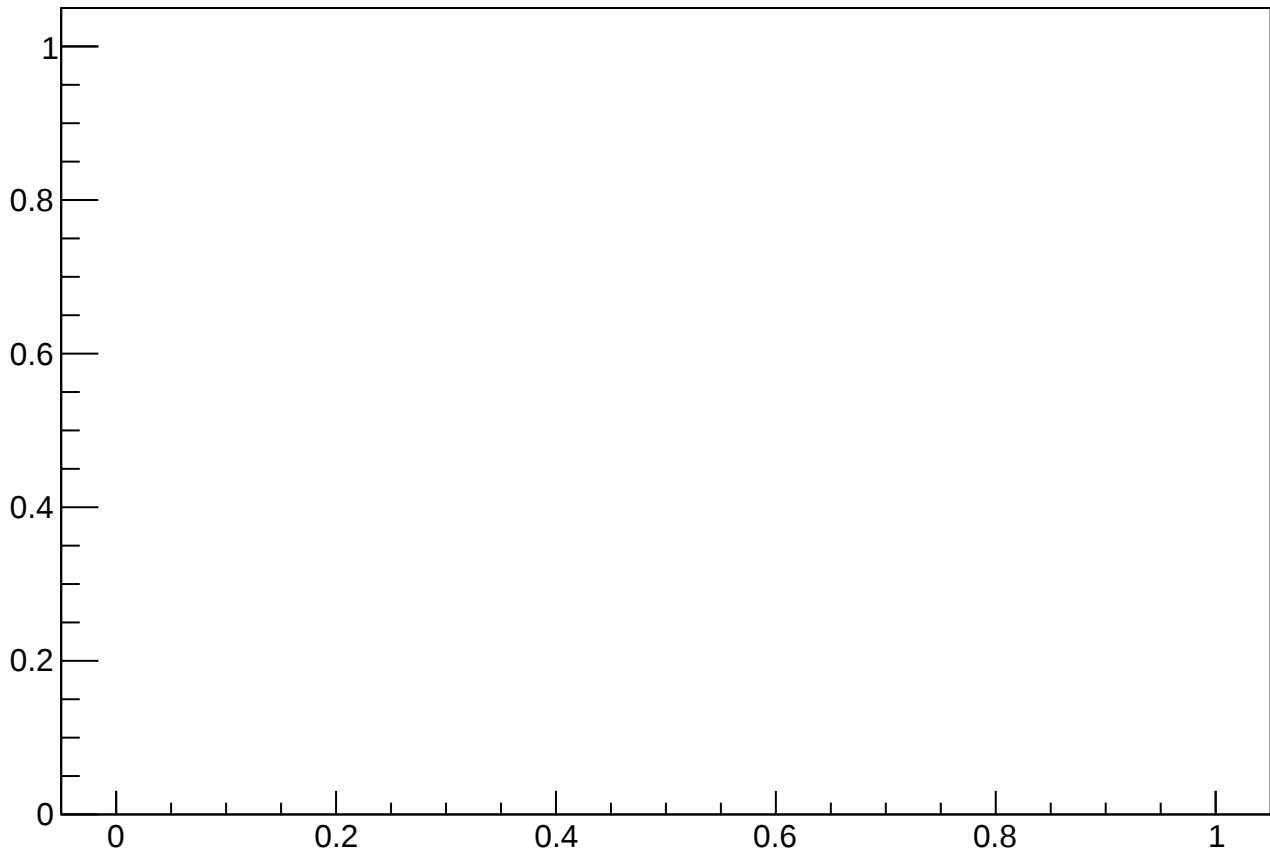
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

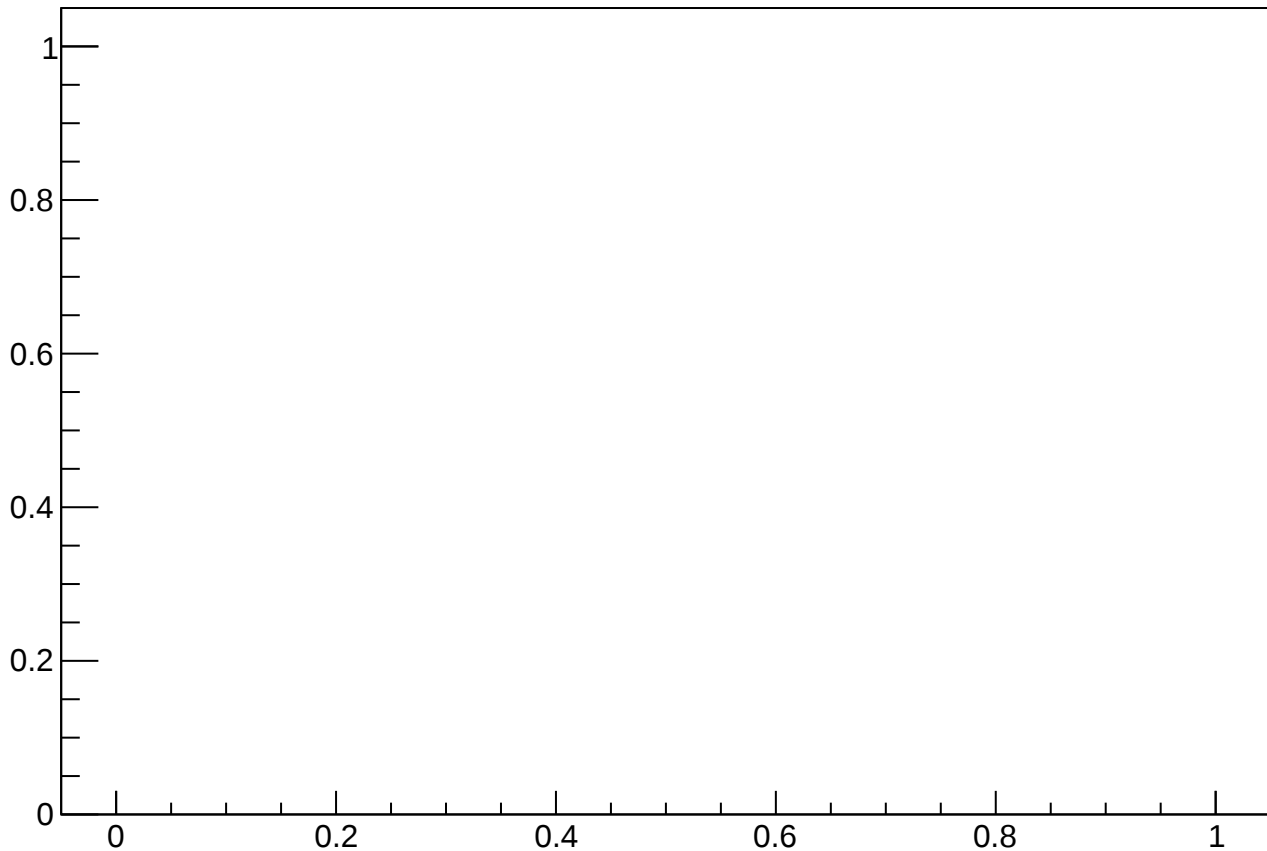
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

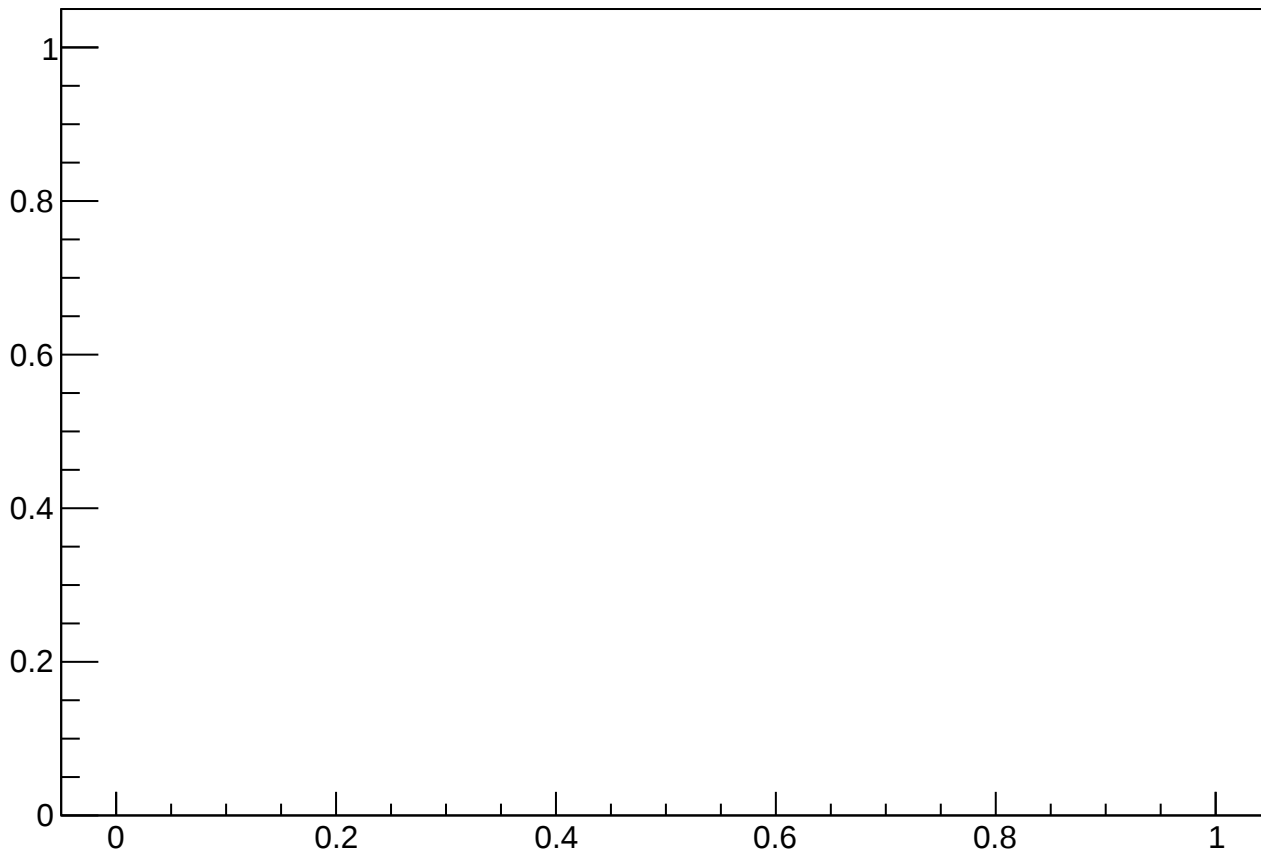
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

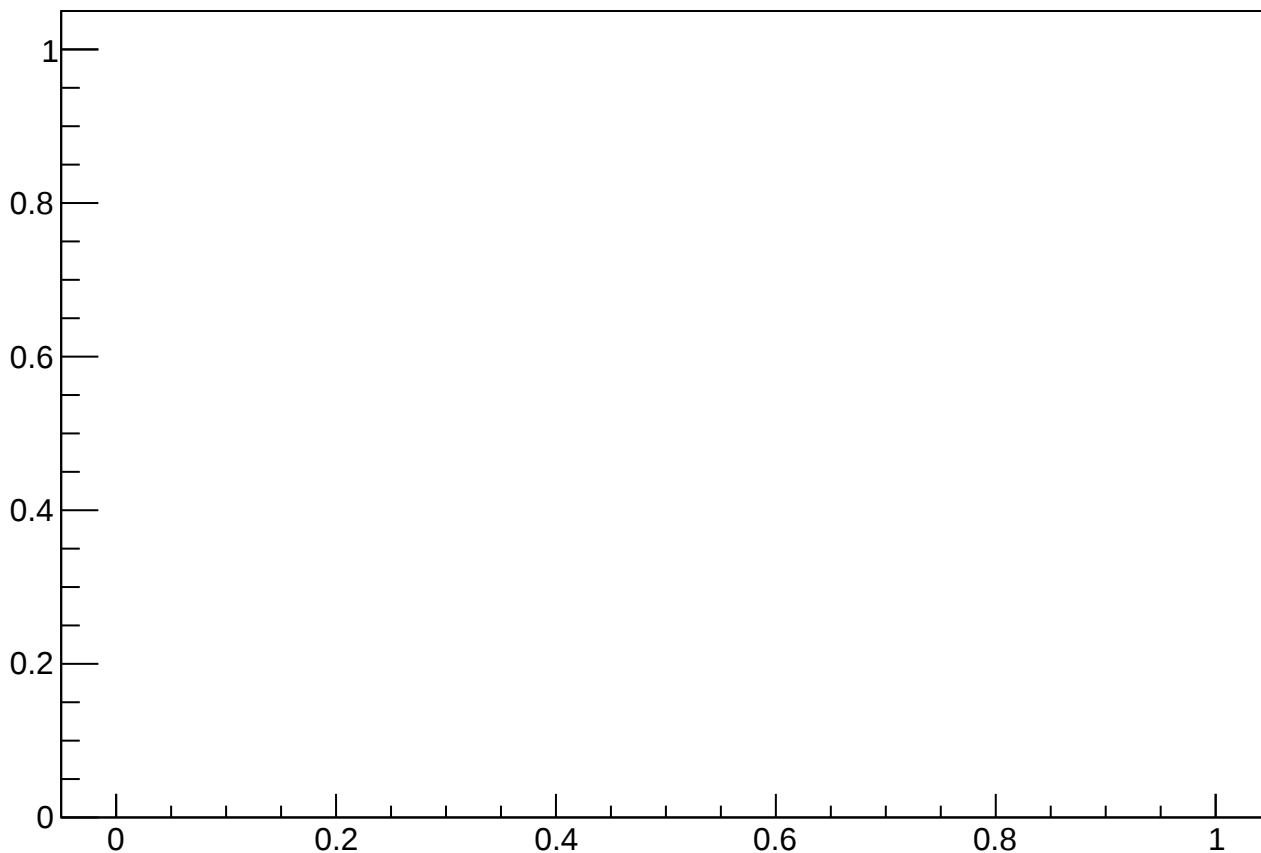
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

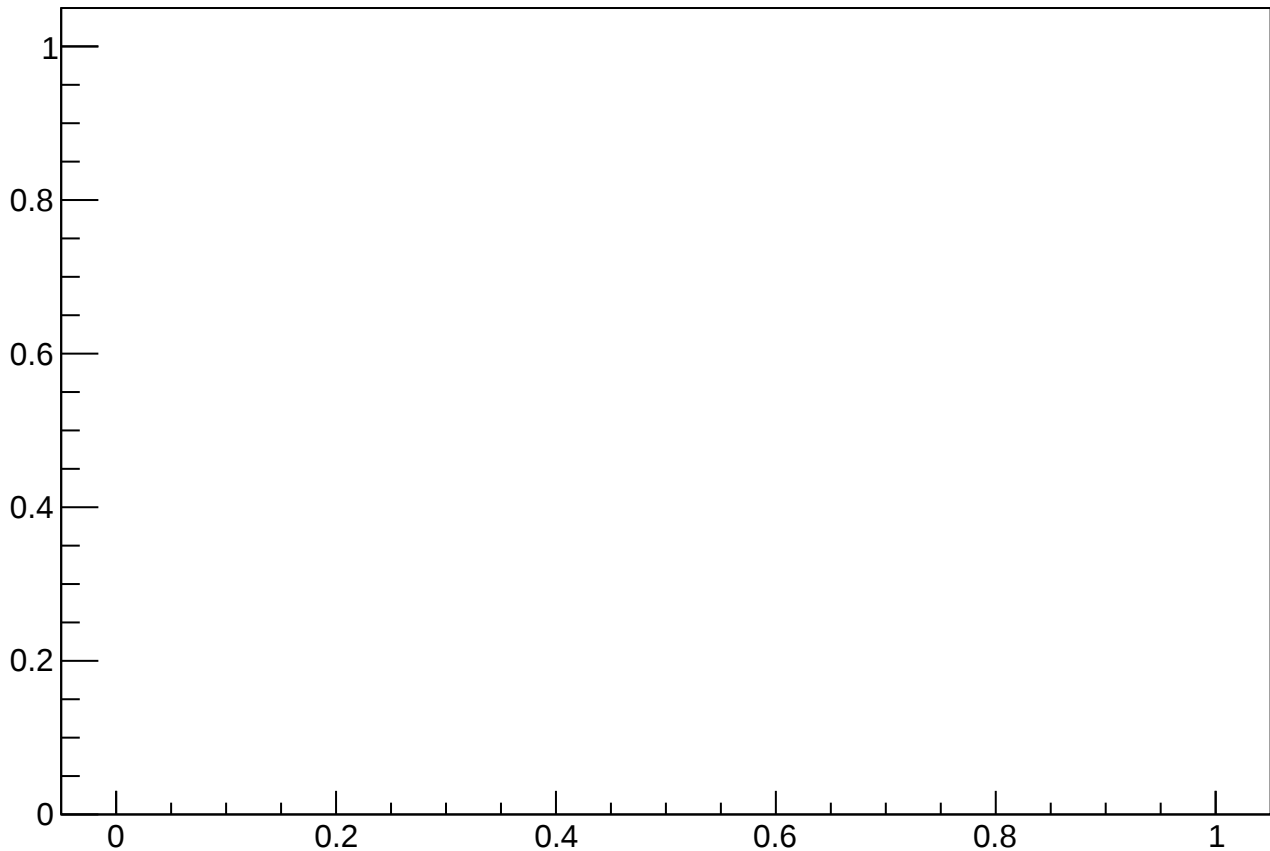
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

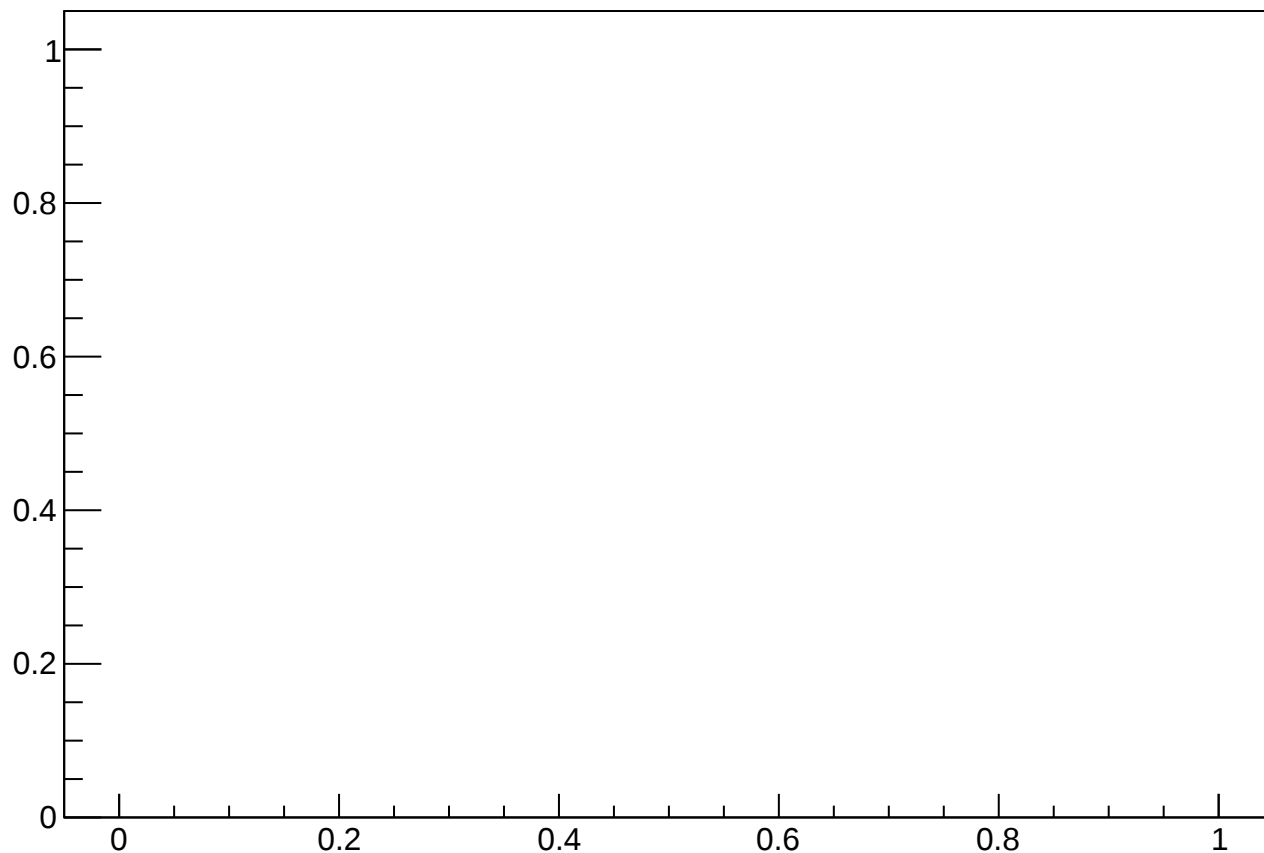
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

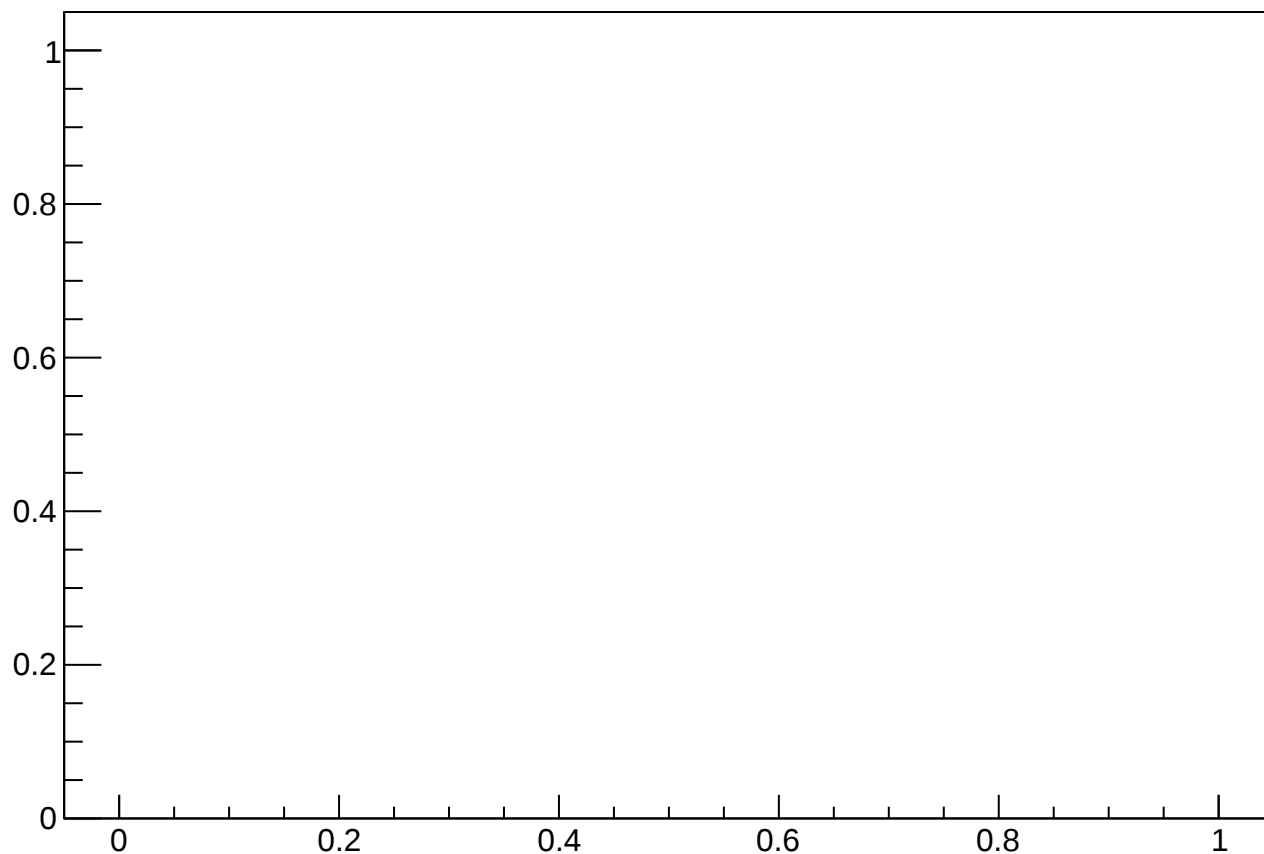
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

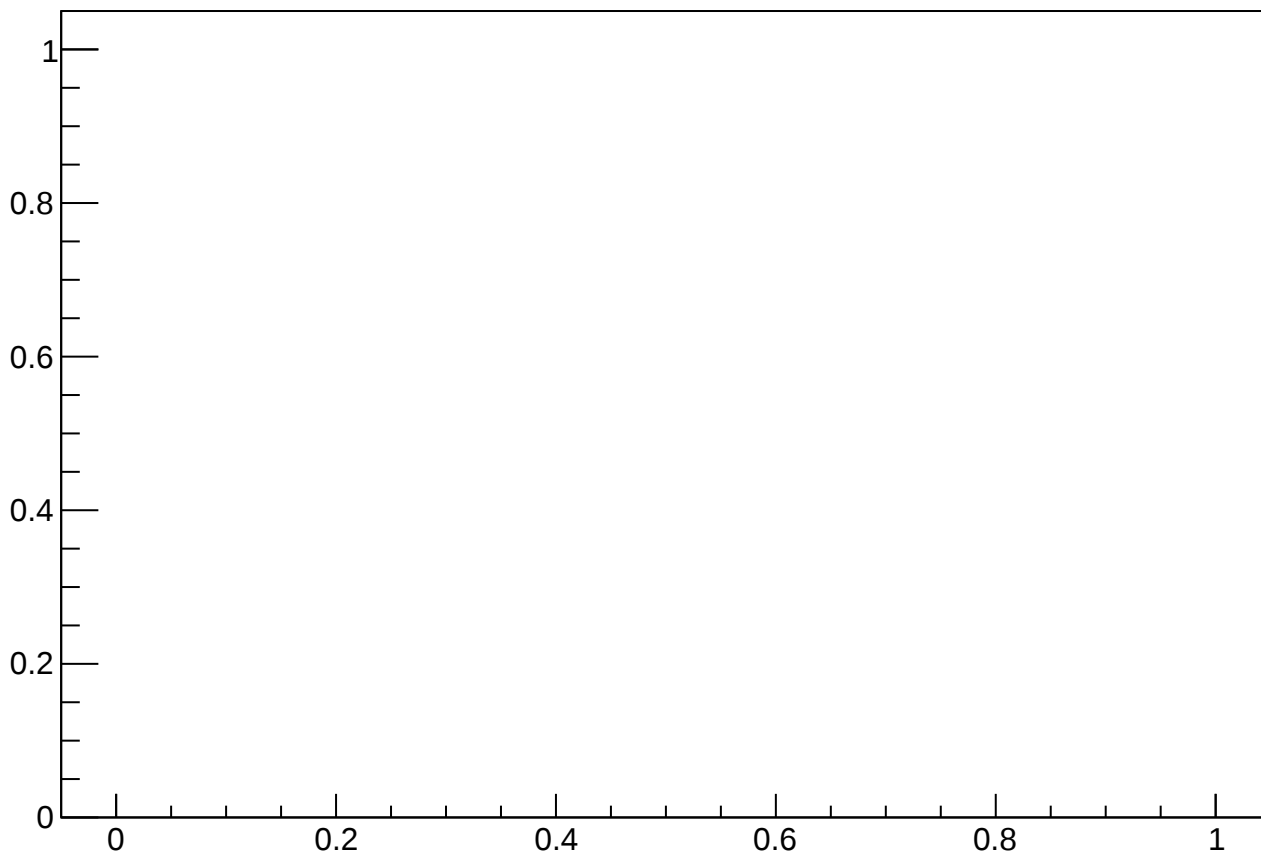
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

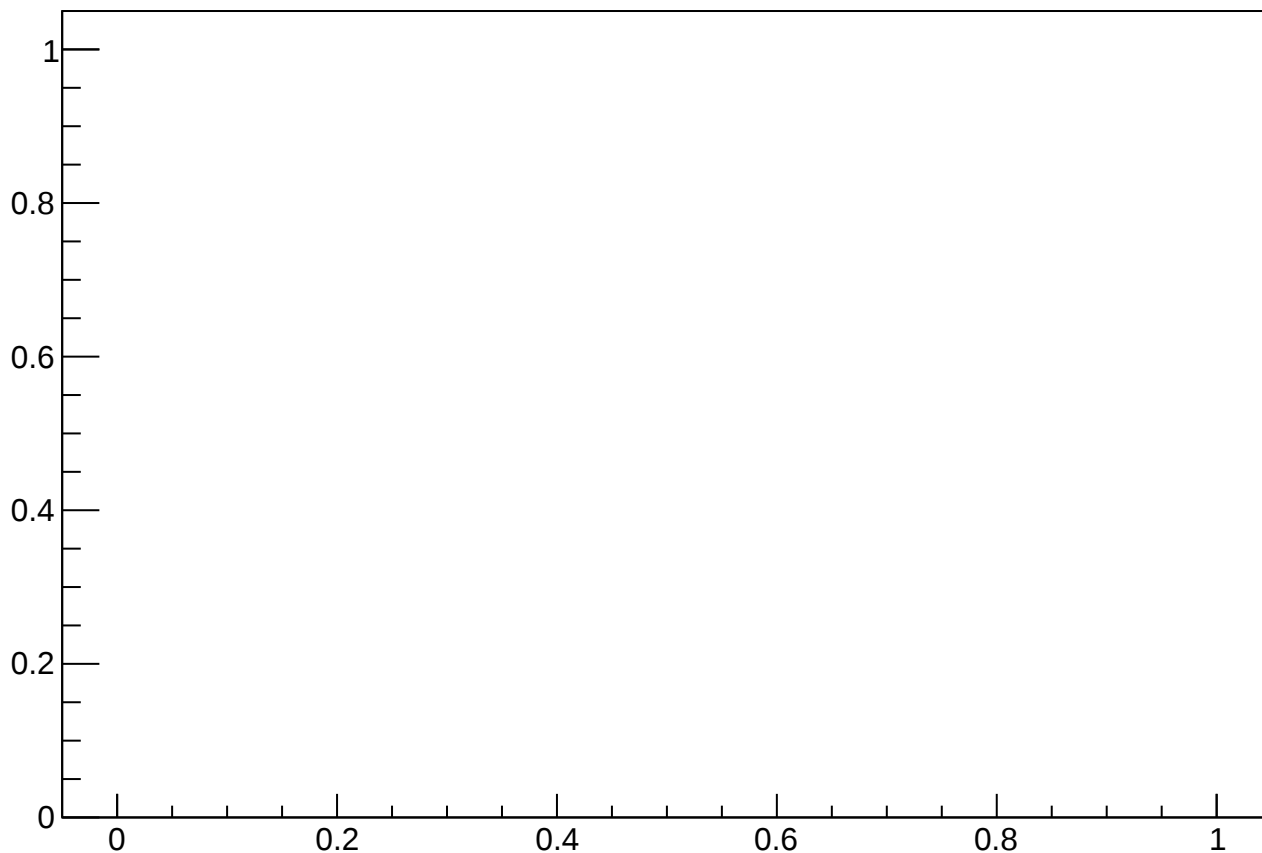
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

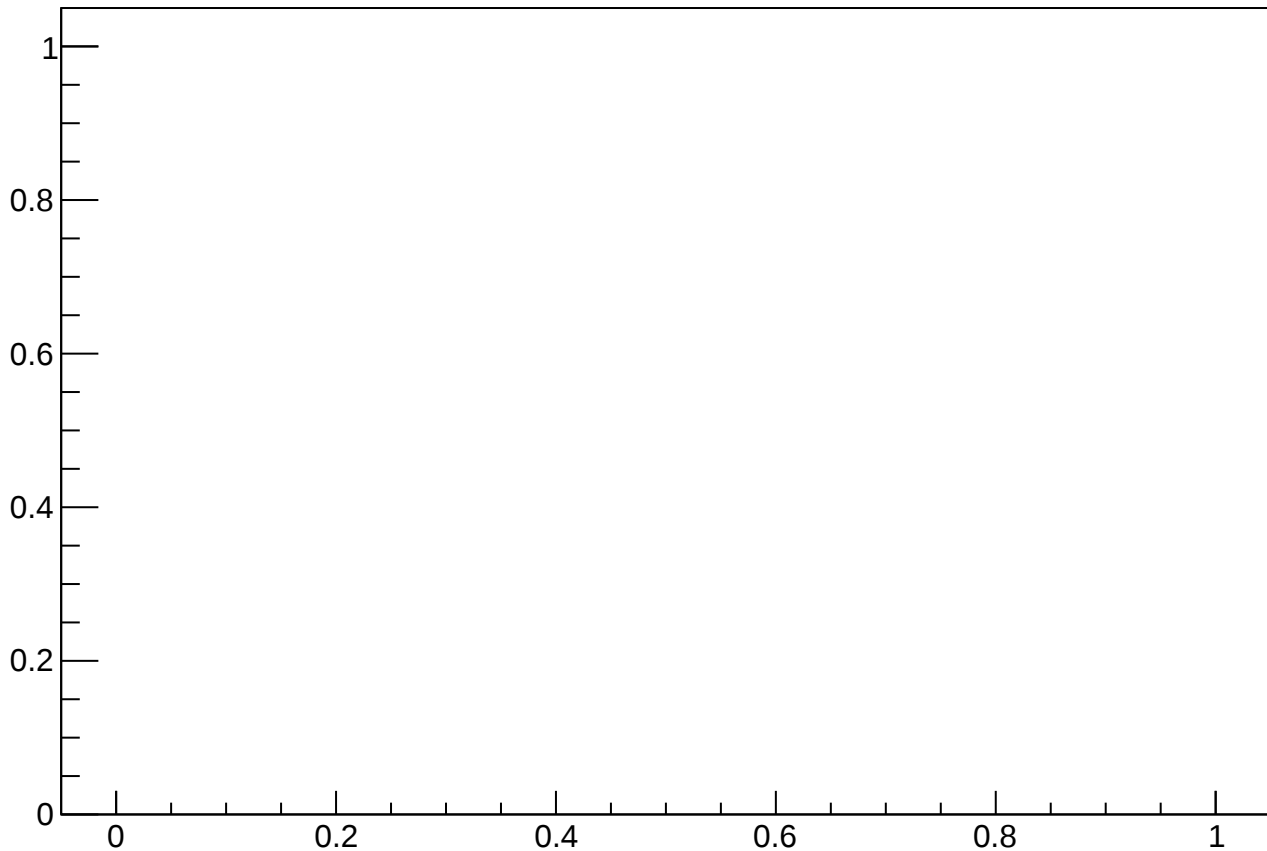
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

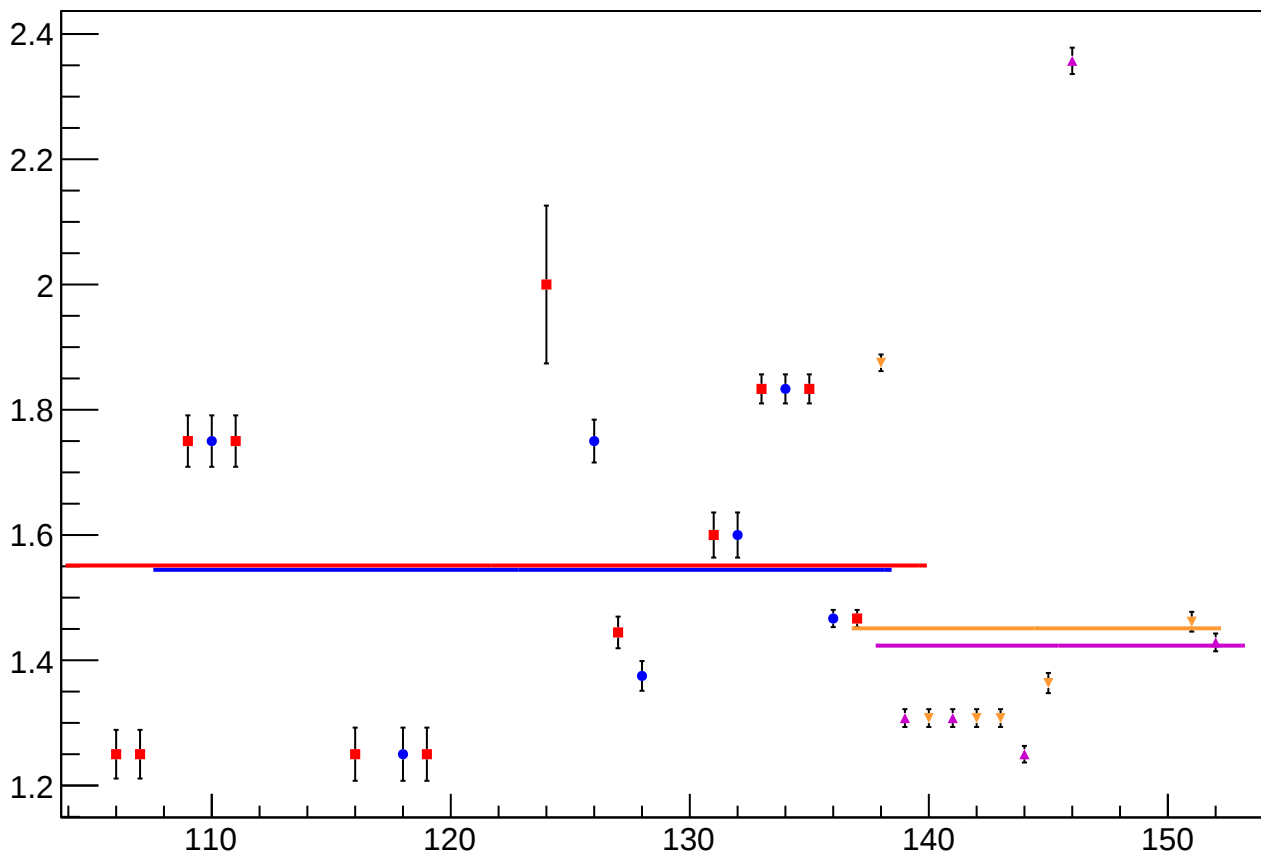
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

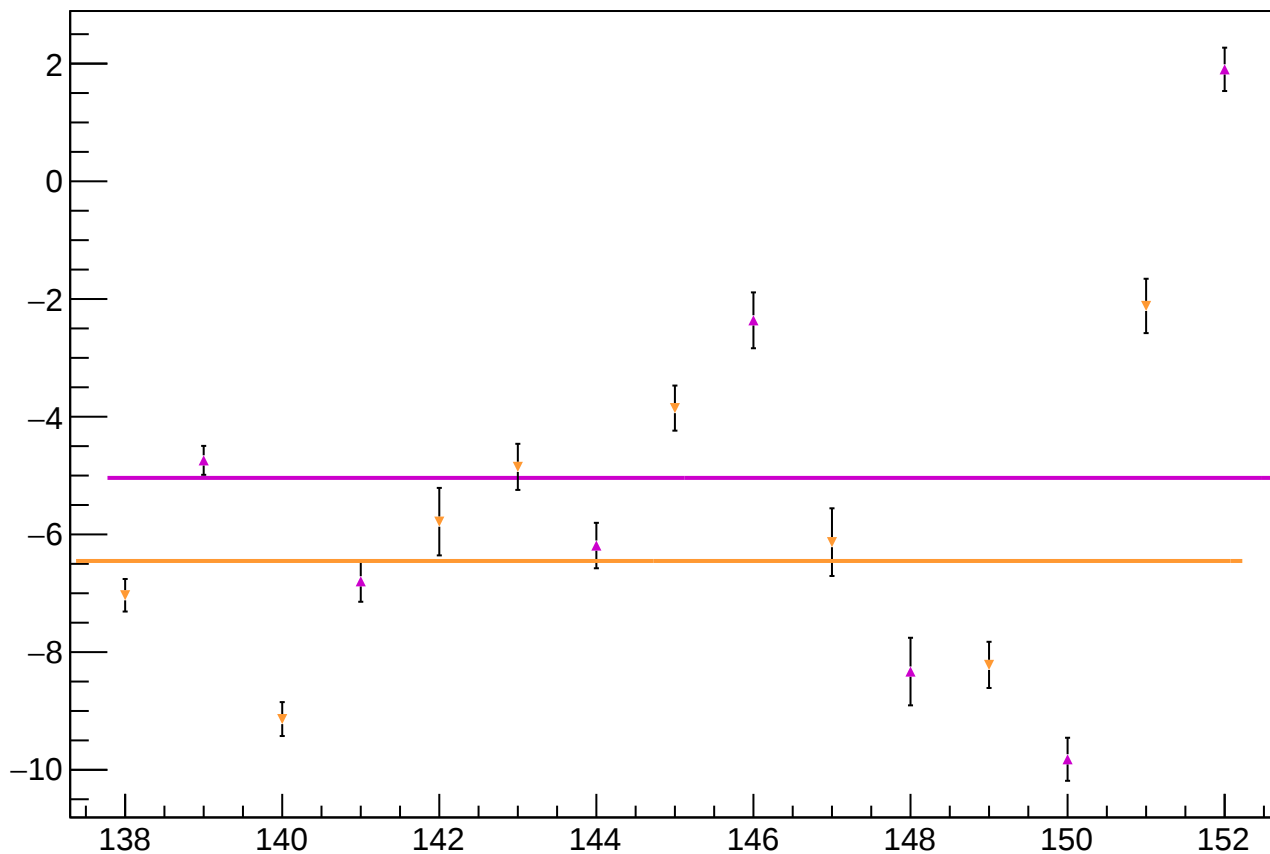
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -6.451 ± 0.134 χ^2/NDF : 264.0/7

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -5.040 ± 0.136 χ^2/NDF : 626.6/6

Left: -5.758 ± 0.096 χ^2/NDF : 945.2/14

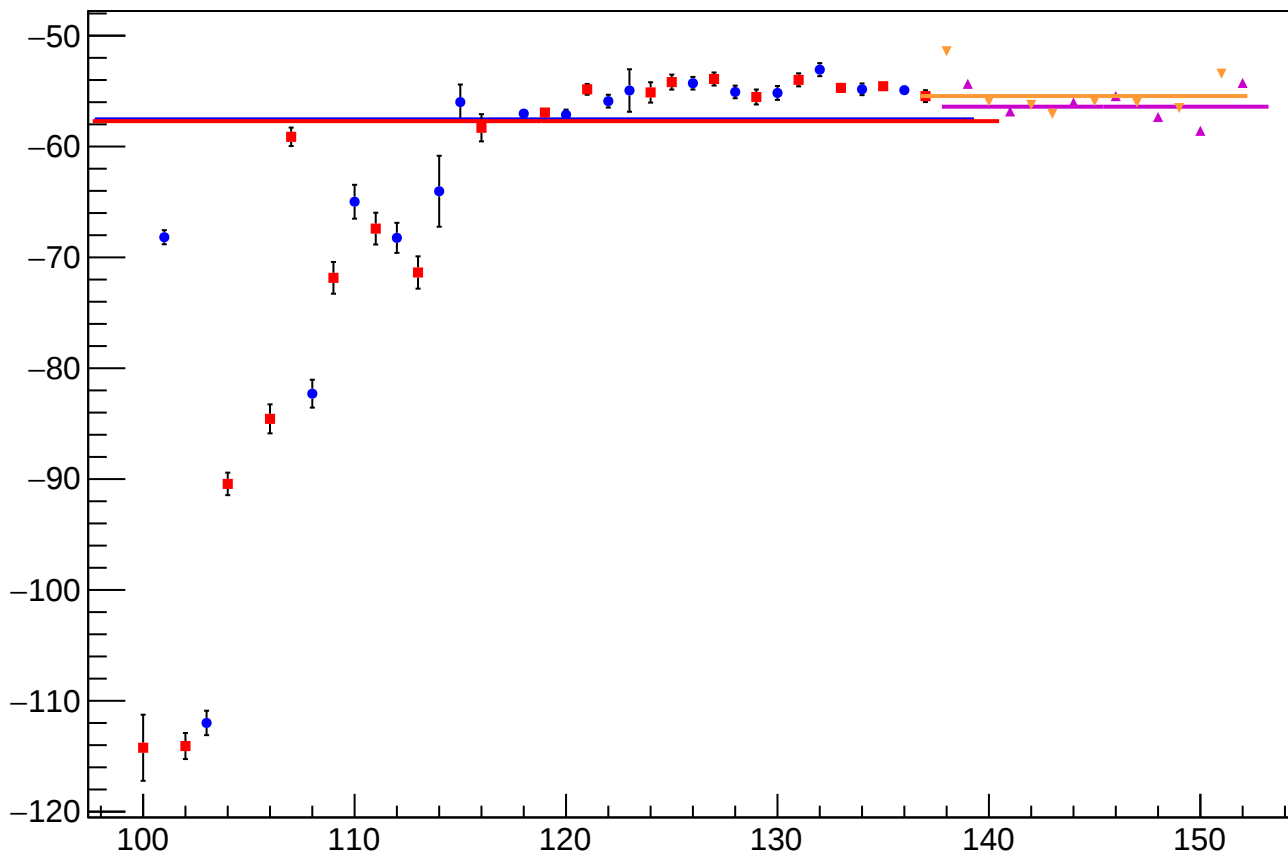
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.040 ± 0.136 χ^2/NDF : 626.6/6

Out: -6.451 ± 0.134 χ^2/NDF : 264.0/7

All: -5.758 ± 0.096 χ^2/NDF : 945.2/14

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.446 ± 0.101 χ^2/NDF : 278.0/7

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -56.407 ± 0.108 χ^2/NDF : 182.4/6

Left: -55.892 ± 0.074 χ^2/NDF : 502.8/14

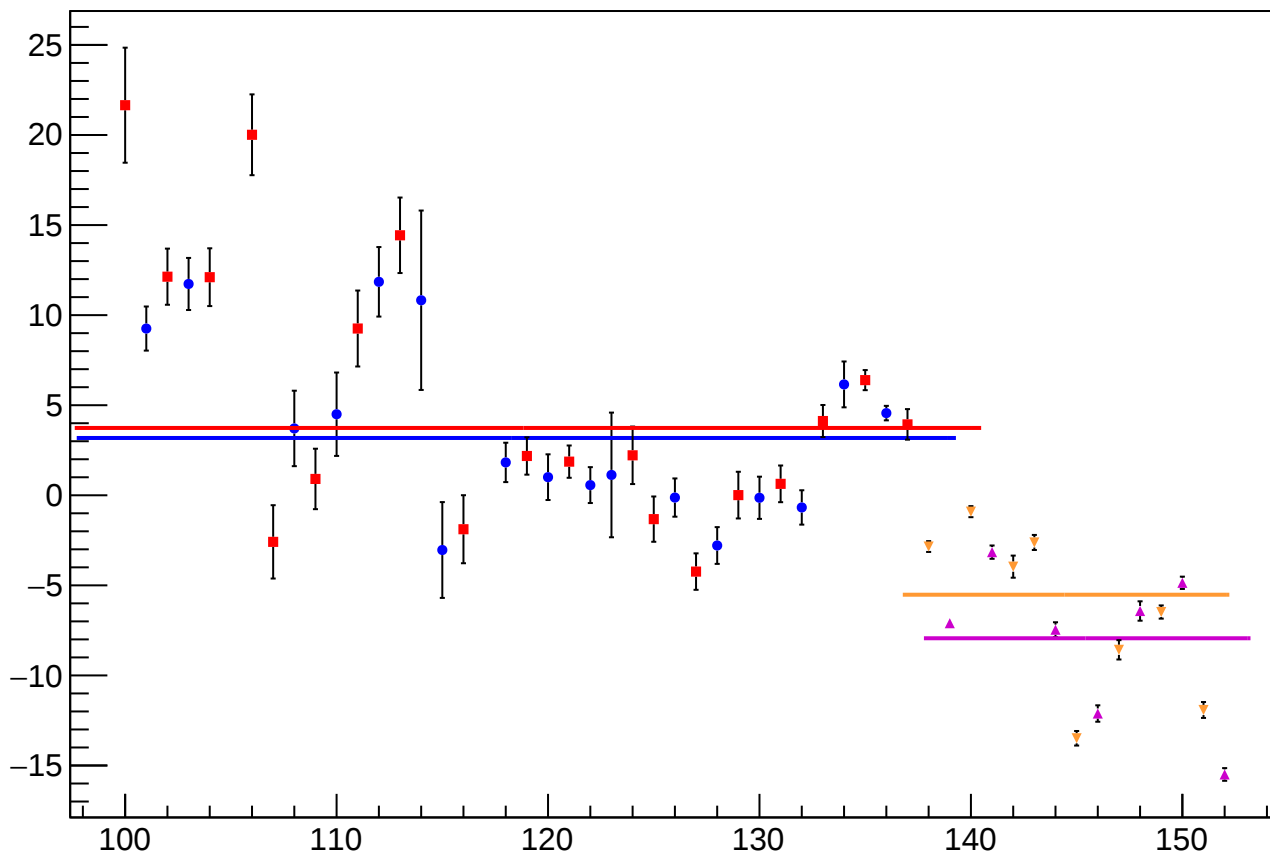
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -56.827 ± 0.086 χ^2/NDF : 3683.9/23

Out: -56.197 ± 0.082 χ^2/NDF : 5149.9/26

All: -56.499 ± 0.059 χ^2/NDF : 8861.9/50

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181+/-0.258 χ^2/NDF : 185.2/16

Left Out: -5.520+/-0.138 χ^2/NDF : 997.8/7

Right Out: 3.738+/-0.267 χ^2/NDF : 320.9/18

Left In: -7.937+/-0.138 χ^2/NDF : 811.7/6

Left: -6.727+/-0.098 χ^2/NDF : 1962.0/14

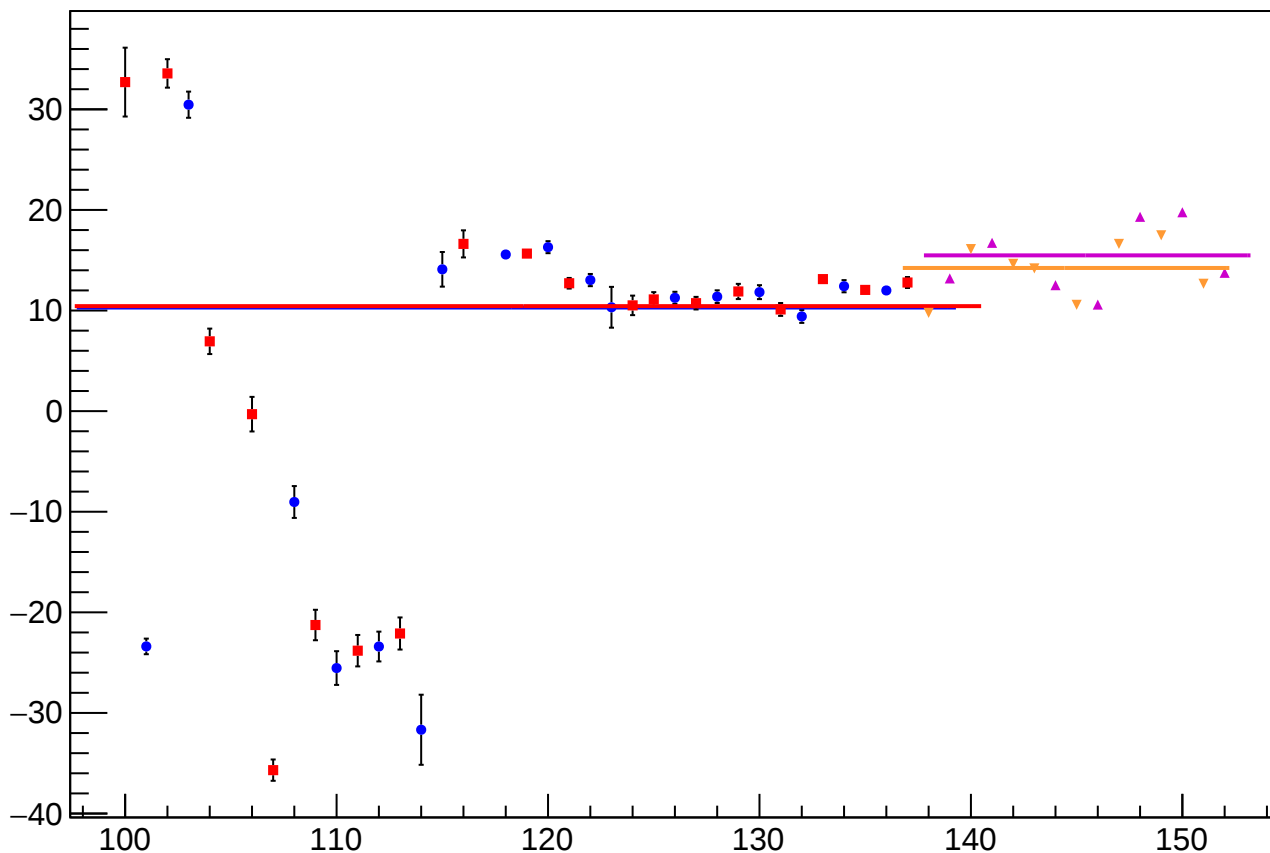
Right: 3.450+/-0.186 χ^2/NDF : 508.4/35

In: -5.451+/-0.122 χ^2/NDF : 2438.8/23

Out: -3.559+/-0.123 χ^2/NDF : 2266.8/26

All: -4.511+/-0.087 χ^2/NDF : 4825.0/50

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.231+/-0.122 χ^2/NDF : 475.3/7

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 15.484+/-0.128 χ^2/NDF : 637.7/6

Left: 14.823+/-0.088 χ^2/NDF : 1163.1/14

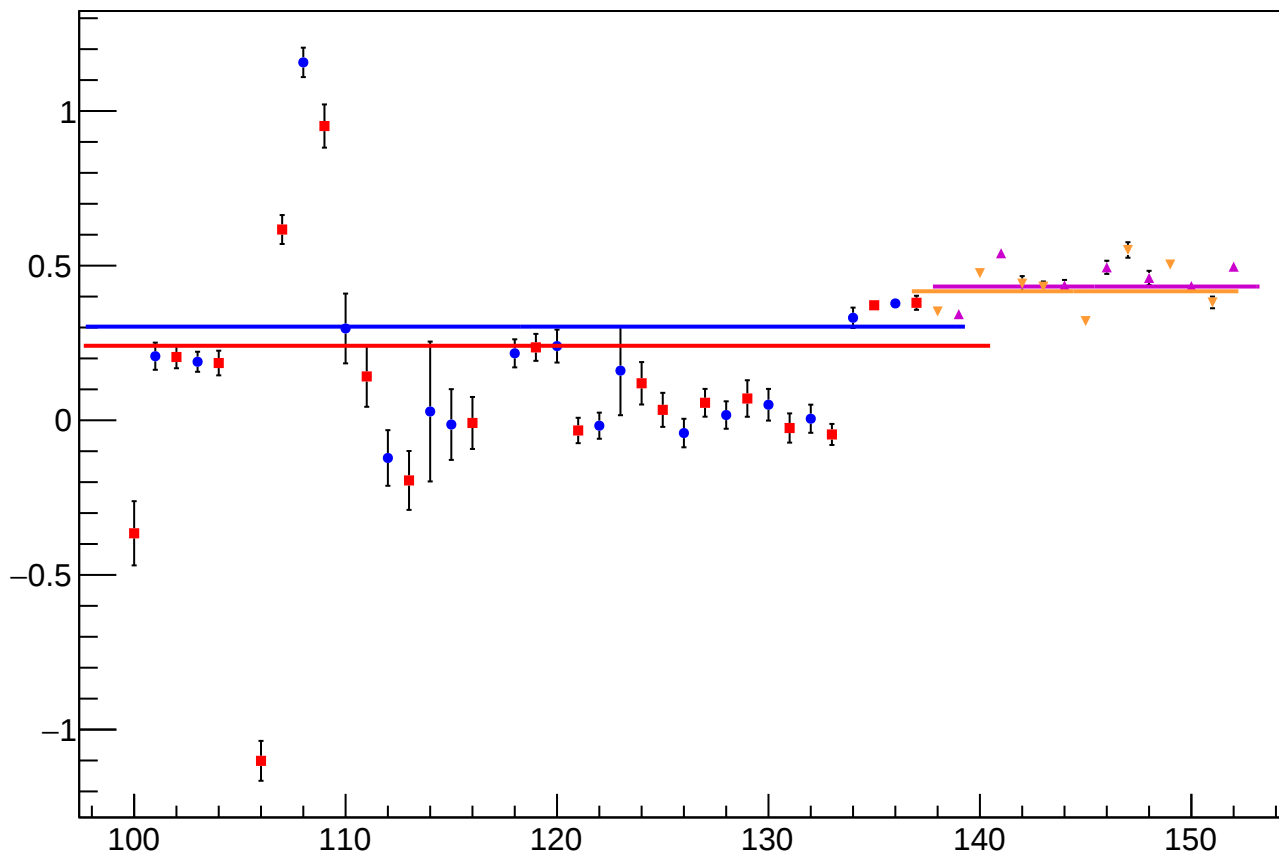
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 13.406+/-0.099 χ^2/NDF : 4990.3/23

Out: 12.840+/-0.097 χ^2/NDF : 4661.6/26

All: 13.115+/-0.069 χ^2/NDF : 9668.5/50

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.417 ± 0.006 χ^2/NDF : 152.1/7

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.432 ± 0.006 χ^2/NDF : 173.0/6

Left: 0.425 ± 0.004 χ^2/NDF : 328.8/14

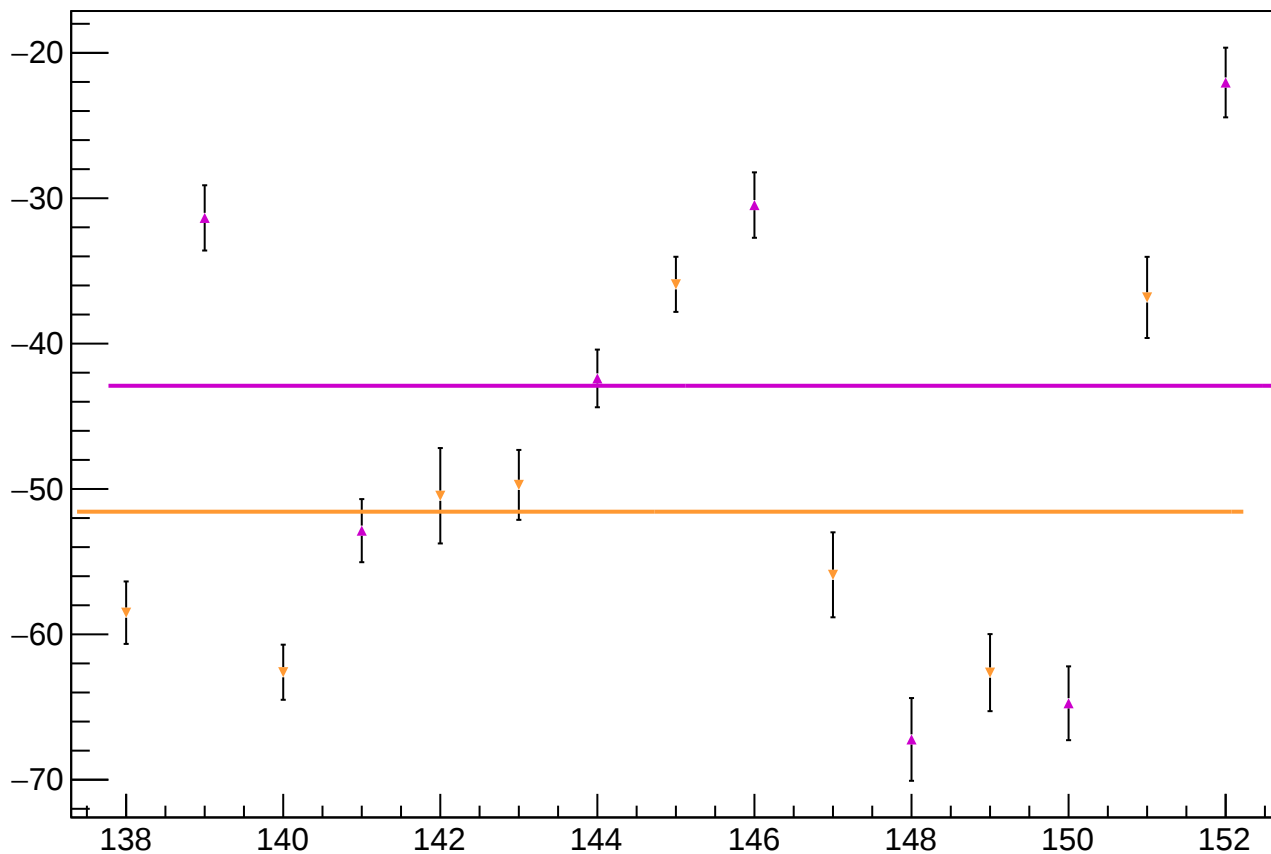
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.392 ± 0.005 χ^2/NDF : 992.2/23

Out: 0.362 ± 0.005 χ^2/NDF : 1437.7/26

All: 0.378 ± 0.003 χ^2/NDF : 2450.3/50

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.562+/-0.837 χ^2/NDF :160.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.900+/-0.872 χ^2/NDF :300.9/6

Left: -47.408+/-0.604 χ^2/NDF : 513.0/14

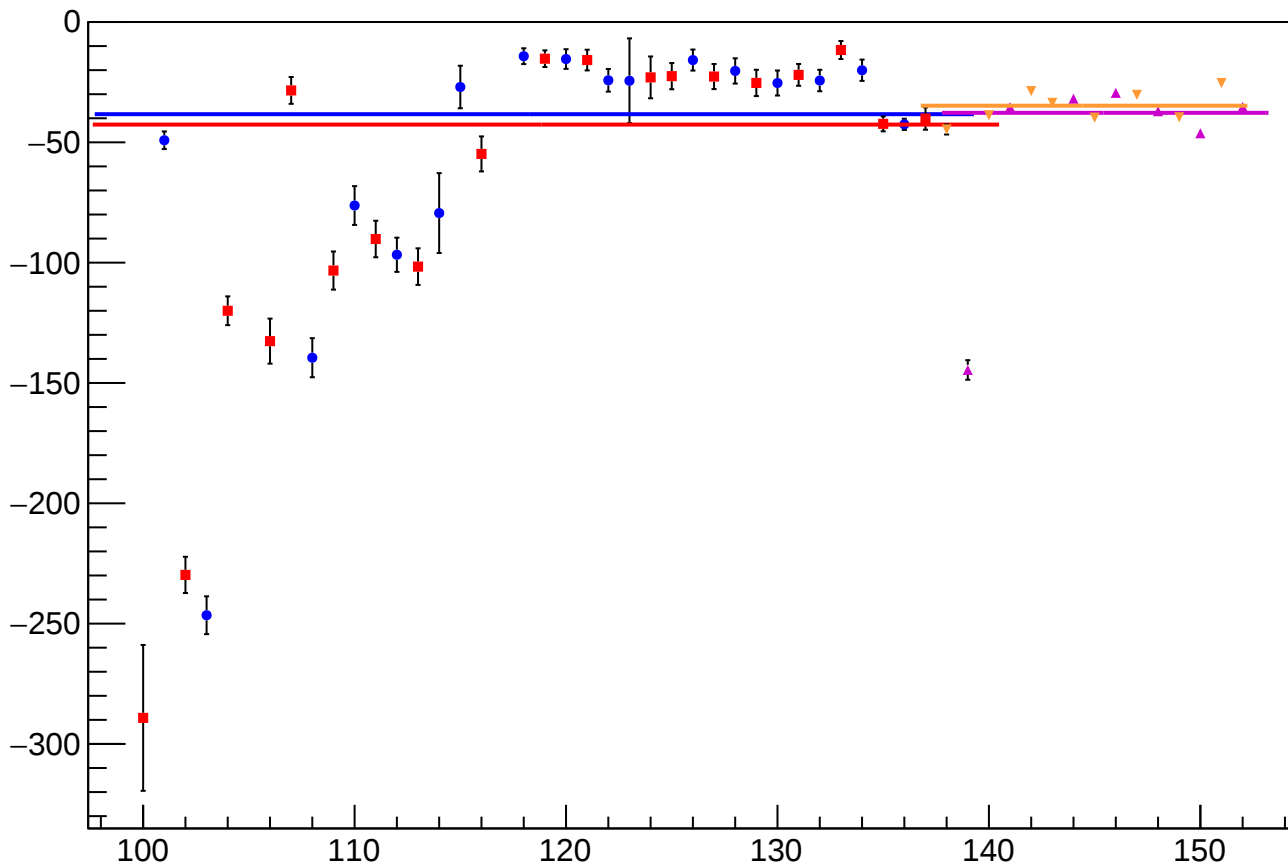
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.900+/-0.872 χ^2/NDF :300.9/6

Out: -51.562+/-0.837 χ^2/NDF :160.7/7

All: -47.408+/-0.604 χ^2/NDF : 513.0/14

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: -34.777 ± 0.587 $\chi^2/\text{NDF}: 99.5/7$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -37.740 ± 0.612 $\chi^2/\text{NDF}: 770.9/6$

Left: -36.195 ± 0.424 $\chi^2/\text{NDF}: 882.6/14$

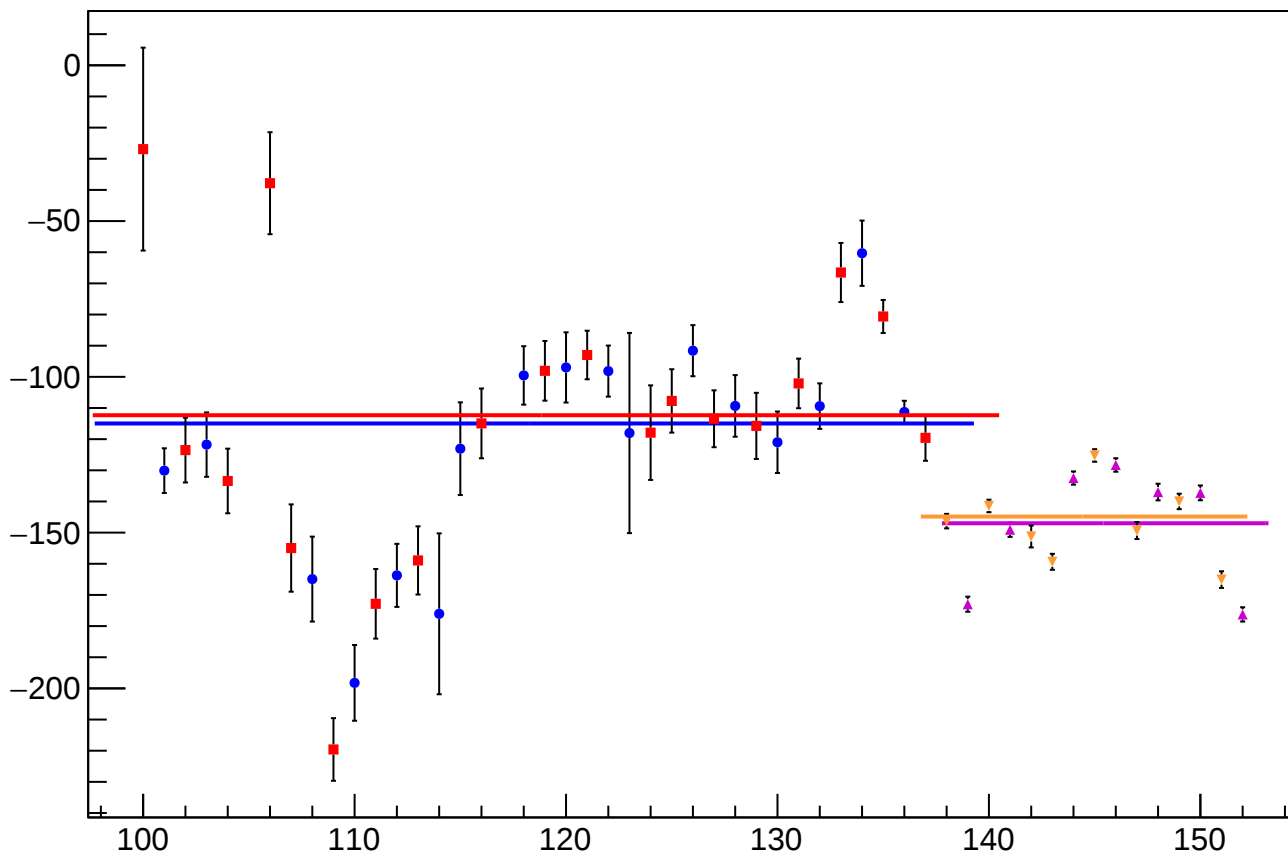
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -37.867 ± 0.539 $\chi^2/\text{NDF}: 1903.9/23$

Out: -36.273 ± 0.528 $\chi^2/\text{NDF}: 1478.0/26$

All: -37.053 ± 0.377 $\chi^2/\text{NDF}: 3386.3/50$

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: -144.837 ± 0.862 $\chi^2/\text{NDF}: 197.0/7$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -146.992 ± 0.877 $\chi^2/\text{NDF}: 430.9/6$

Left: -145.896 ± 0.615 $\chi^2/\text{NDF}: 630.9/14$

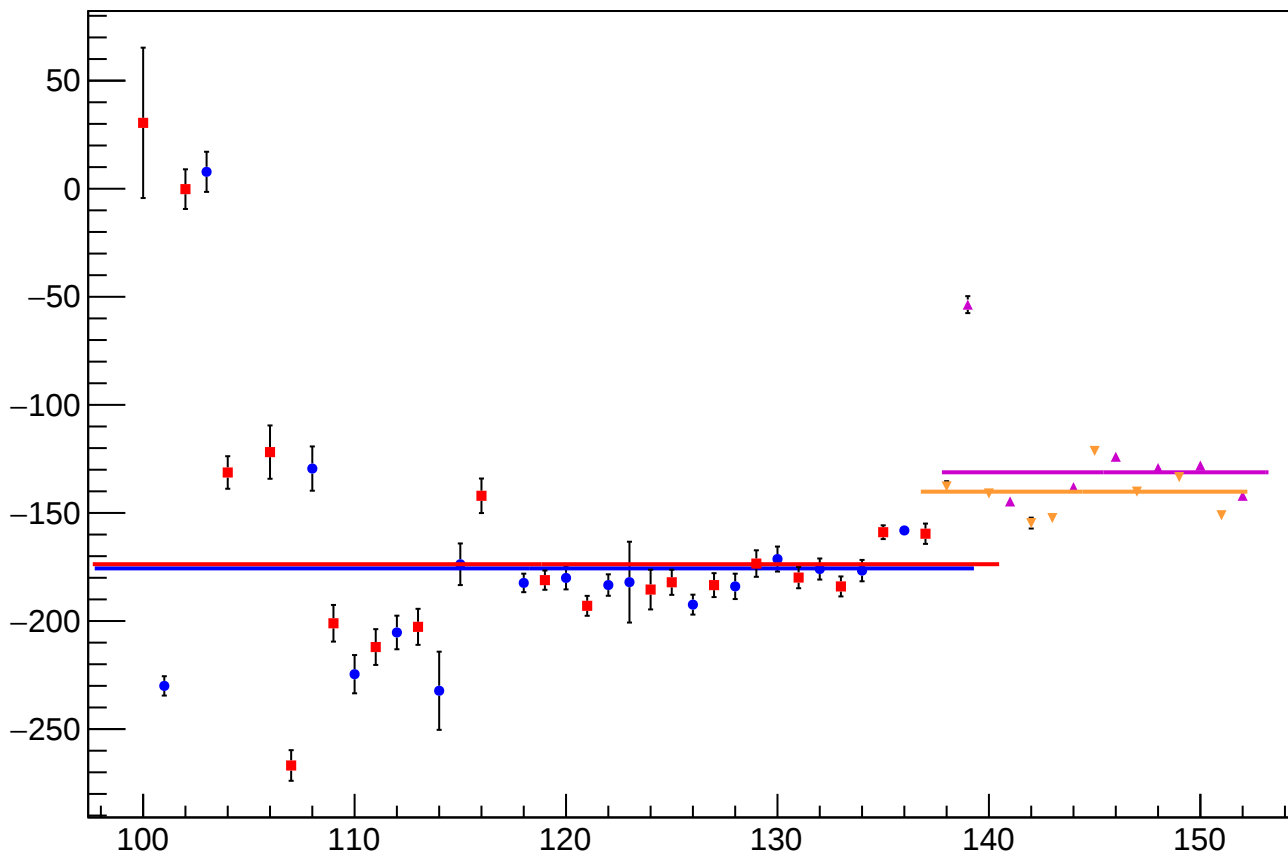
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -142.141 ± 0.807 $\chi^2/\text{NDF}: 774.5/23$

Out: -140.526 ± 0.803 $\chi^2/\text{NDF}: 659.6/26$

All: -141.329 ± 0.569 $\chi^2/\text{NDF}: 1436.1/50$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651+/-1.269 χ^2/NDF : 692.1/16

Left Out: -140.159+/-0.721 χ^2/NDF : 224.2/7

Right Out: -173.714+/-1.354 χ^2/NDF : 738.0/18

Left In: -131.193+/-0.750 χ^2/NDF : 507.2/6

Left: -135.850+/-0.520 χ^2/NDF : 805.7/14

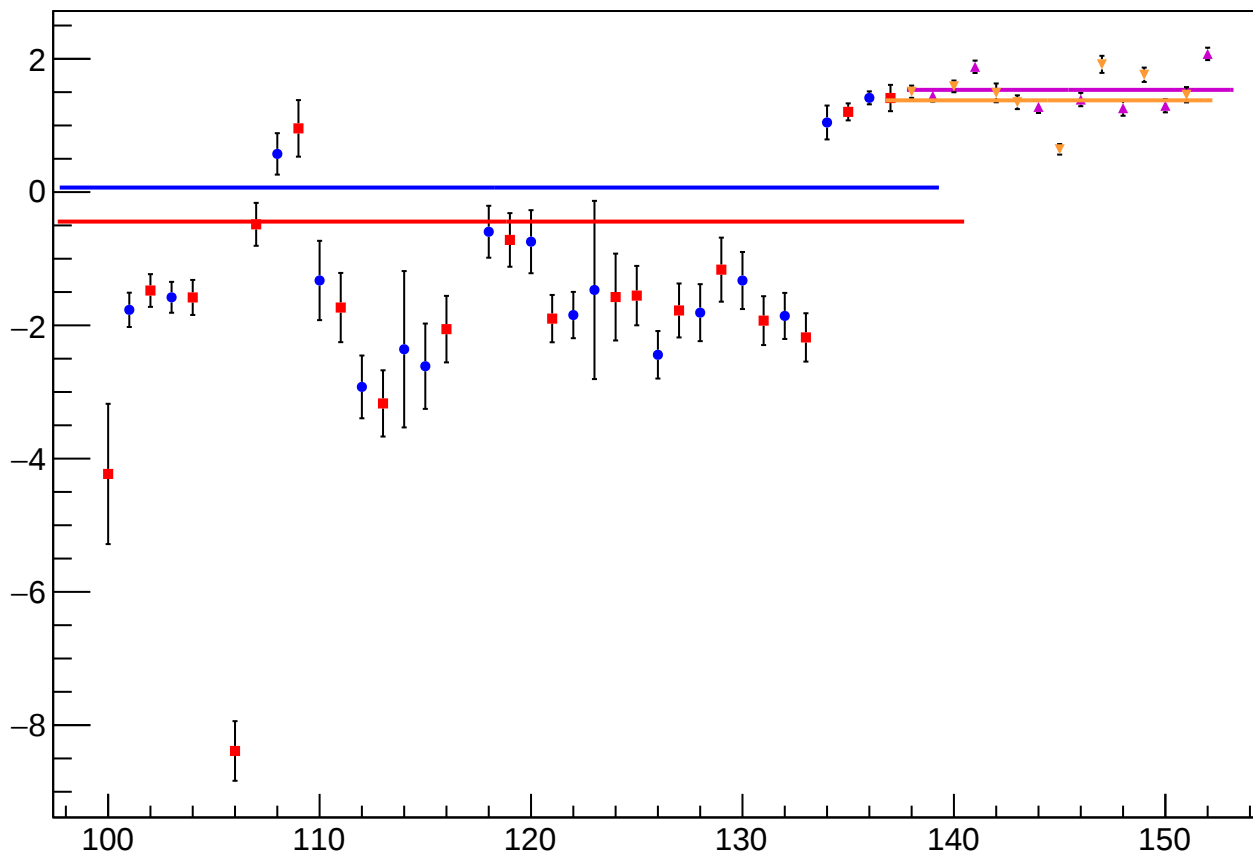
Right: -174.745+/-0.926 χ^2/NDF : 1431.2/35

In: -142.695+/-0.646 χ^2/NDF : 2109.0/23

Out: -147.571+/-0.636 χ^2/NDF : 1440.6/26

All: -145.168+/-0.453 χ^2/NDF : 3578.5/50

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: 1.377 $\pm$ 0.036 χ^2 /NDF:125.7/7

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.535 $\pm$ 0.036 χ^2 /NDF:69.7/6

Left: 1.455 $\pm$ 0.026 χ^2 /NDF: 204.9/14

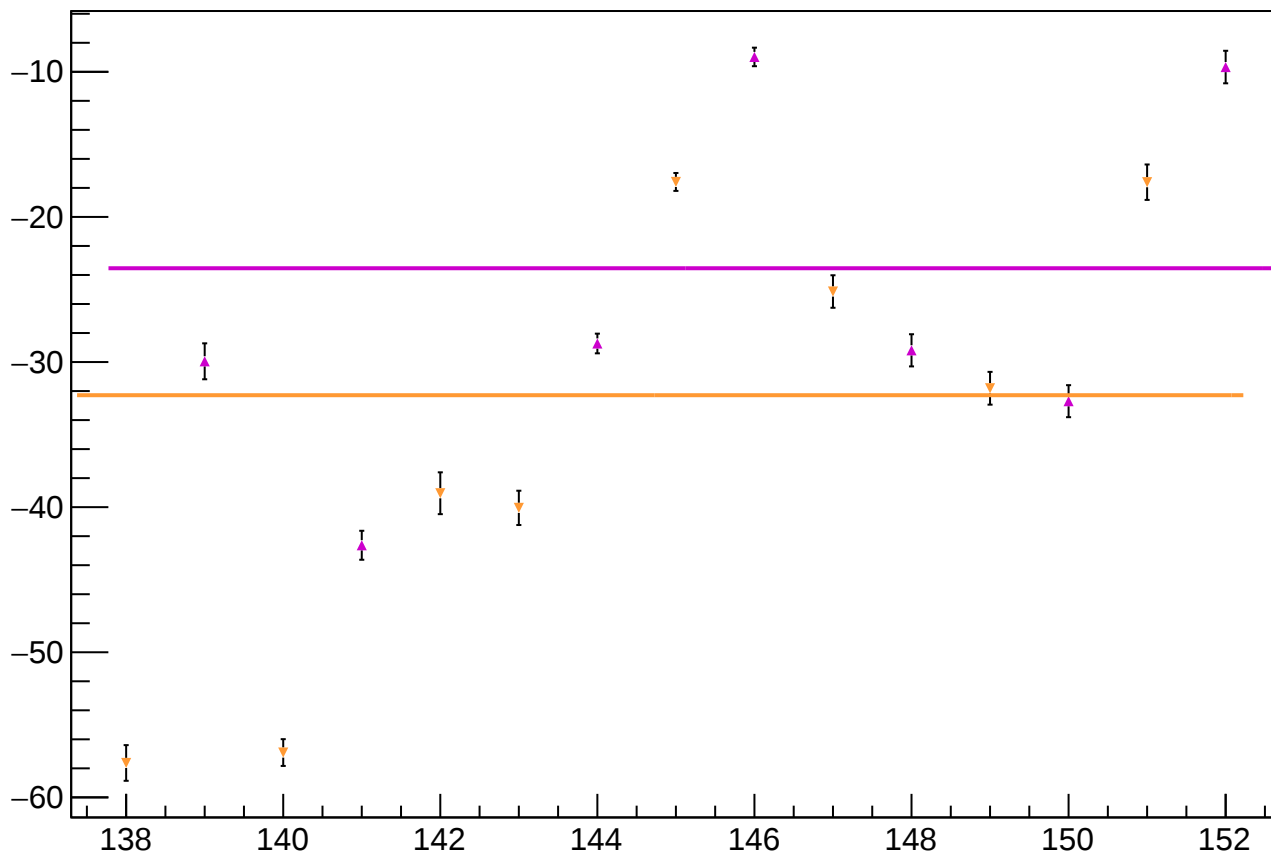
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.202 $\pm$ 0.032 χ^2 /NDF:965.8/23

Out: 1.006 $\pm$ 0.032 χ^2 /NDF:1403.4/26

All: 1.105 $\pm$ 0.023 χ^2 /NDF: 2388.0/50

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -32.285 ± 0.356 χ^2/NDF : 1955.0/7

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -23.536 ± 0.339 χ^2/NDF : 1219.0/6

Left: -27.699 ± 0.245 χ^2/NDF : 3491.4/14

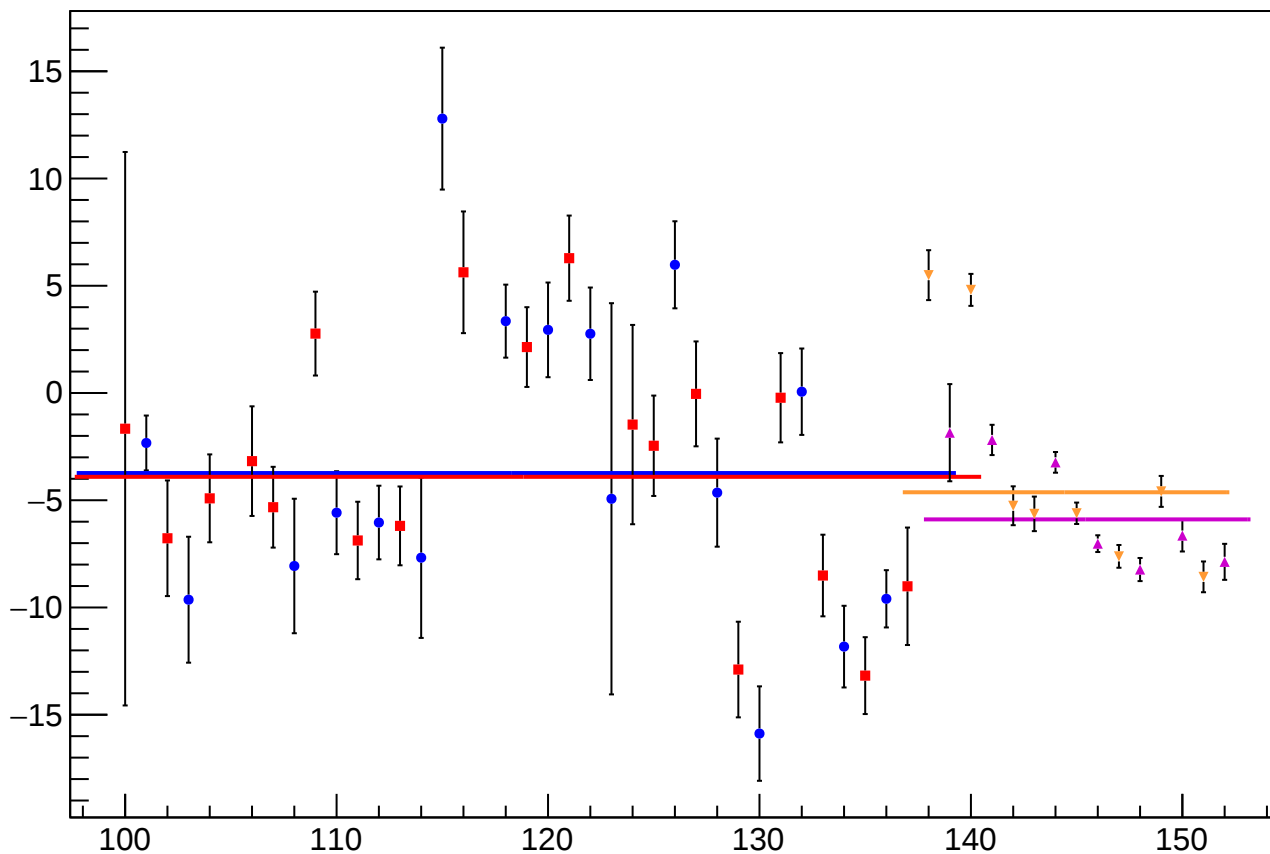
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -23.536 ± 0.339 χ^2/NDF : 1219.0/6

Out: -32.285 ± 0.356 χ^2/NDF : 1955.0/7

All: -27.699 ± 0.245 χ^2/NDF : 3491.4/14

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.628 ± 0.244 χ^2/NDF : 303.7/7

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.893 ± 0.225 χ^2/NDF : 94.9/6

Left: -5.313 ± 0.166 χ^2/NDF : 413.1/14

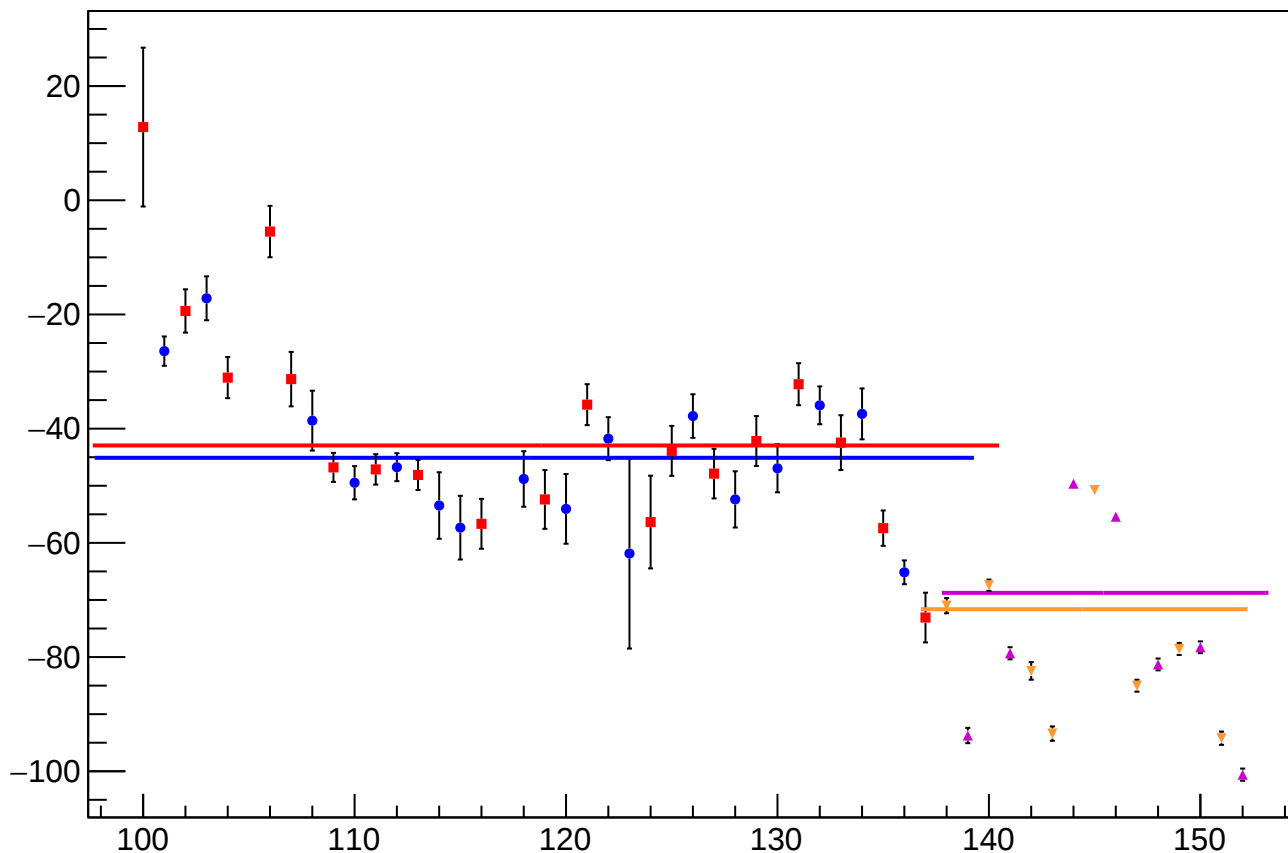
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -5.524 ± 0.205 χ^2/NDF : 276.5/23

Out: -4.492 ± 0.220 χ^2/NDF : 430.2/26

All: -5.045 ± 0.150 χ^2/NDF : 718.4/50

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -71.618 ± 0.365 χ^2/NDF : 1961.1/7

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -68.754 ± 0.338 χ^2/NDF : 2724.7/6

Left: -70.079 ± 0.248 χ^2/NDF : 4718.9/14

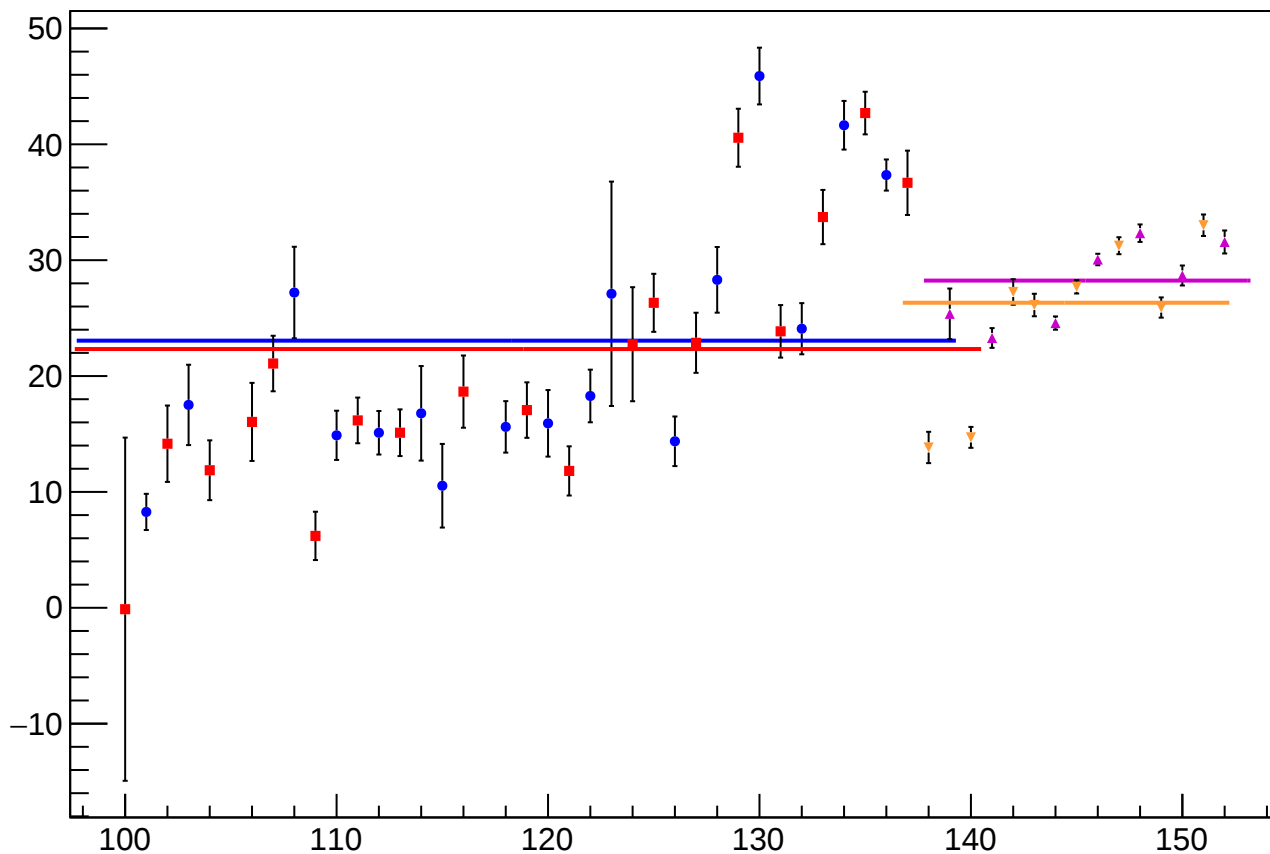
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -65.722 ± 0.316 χ^2/NDF : 3581.4/23

Out: -67.395 ± 0.337 χ^2/NDF : 3120.8/26

All: -66.505 ± 0.230 χ^2/NDF : 6715.3/50

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.327 $\pm$ 0.301 χ^2 /NDF:354.8/7

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 28.239 $\pm$ 0.279 χ^2 /NDF:131.0/6

Left: 27.357 $\pm$ 0.205 χ^2 /NDF: 507.5/14

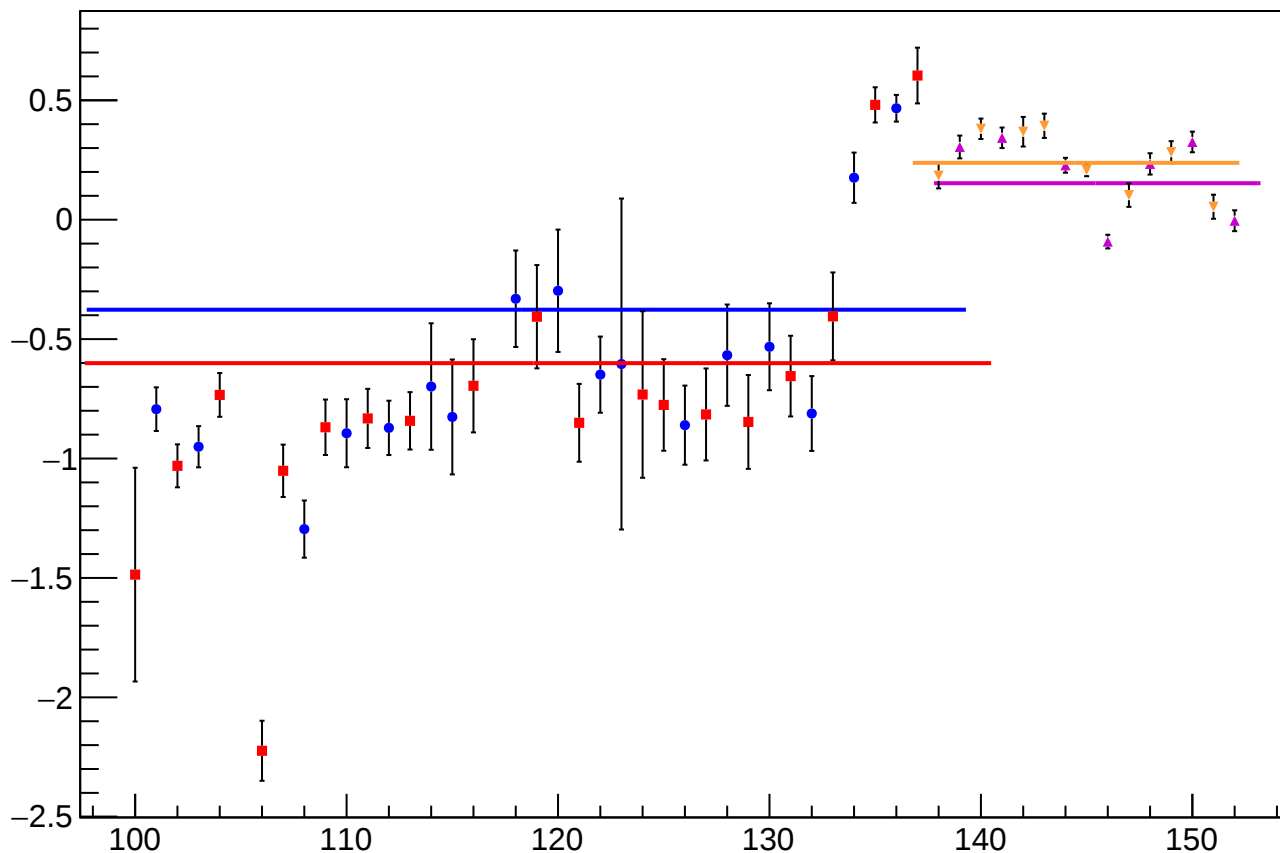
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 27.199 $\pm$ 0.250 χ^2 /NDF:661.3/23

Out: 25.460 $\pm$ 0.267 χ^2 /NDF:764.1/26

All: 26.387 $\pm$ 0.182 χ^2 /NDF: 1448.1/50

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: 0.238 ± 0.015 $\chi^2/\text{NDF}: 49.1/7$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.153 ± 0.014 $\chi^2/\text{NDF}: 140.5/6$

Left: 0.193 ± 0.010 $\chi^2/\text{NDF}: 206.1/14$

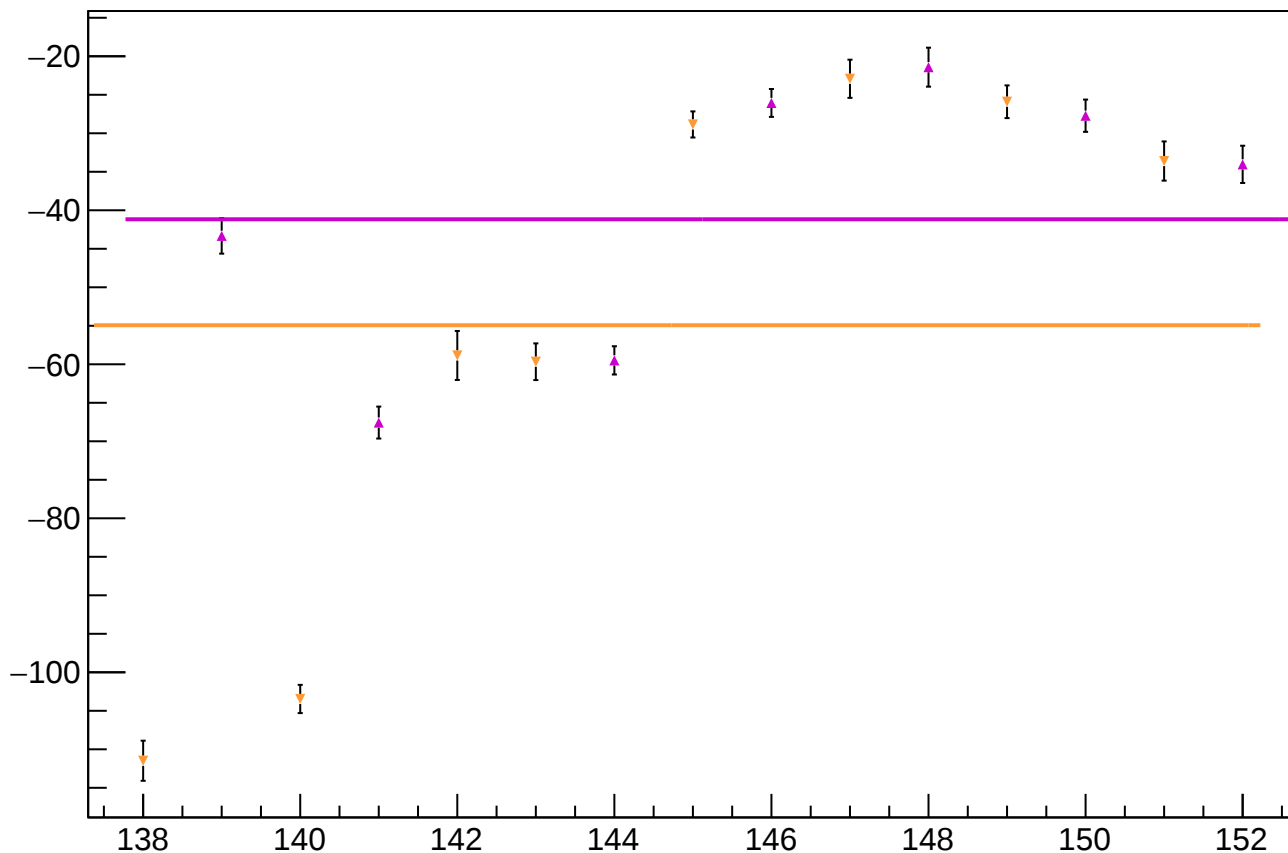
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.054 ± 0.013 $\chi^2/\text{NDF}: 829.4/23$

Out: 0.069 ± 0.014 $\chi^2/\text{NDF}: 1220.8/26$

All: 0.061 ± 0.009 $\chi^2/\text{NDF}: 2050.9/50$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.929+/-0.789 χ^2/NDF :1838.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.171+/-0.796 χ^2/NDF :442.9/6

Left: -48.116+/-0.560 χ^2/NDF : 2432.4/14

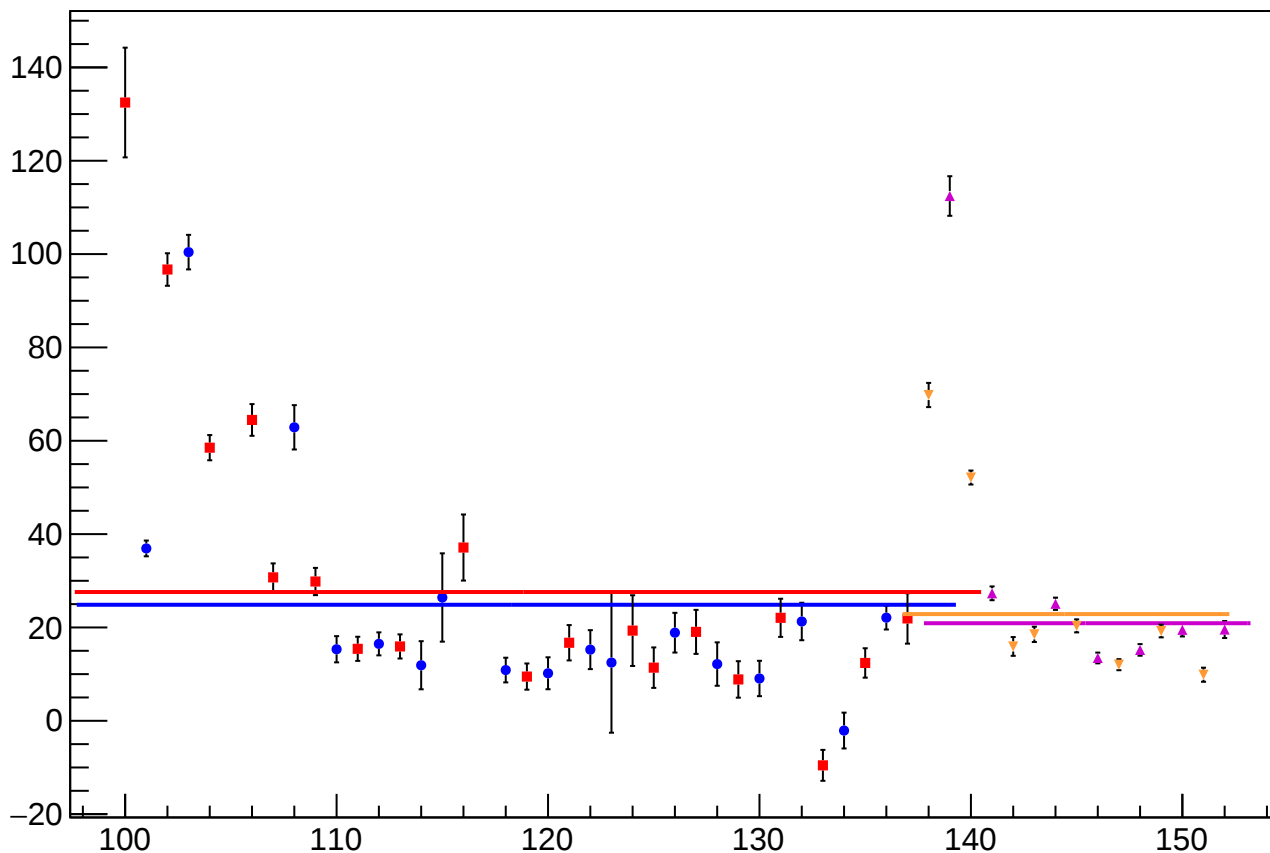
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.171+/-0.796 χ^2/NDF :442.9/6

Out: -54.929+/-0.789 χ^2/NDF :1838.8/7

All: -48.116+/-0.560 χ^2/NDF : 2432.4/14

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 22.867 $\pm$ 0.541 χ^2 /NDF:895.5/7

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 20.908 $\pm$ 0.551 χ^2 /NDF:559.0/6

Left: 21.905 $\pm$ 0.386 χ^2 /NDF: 1461.0/14

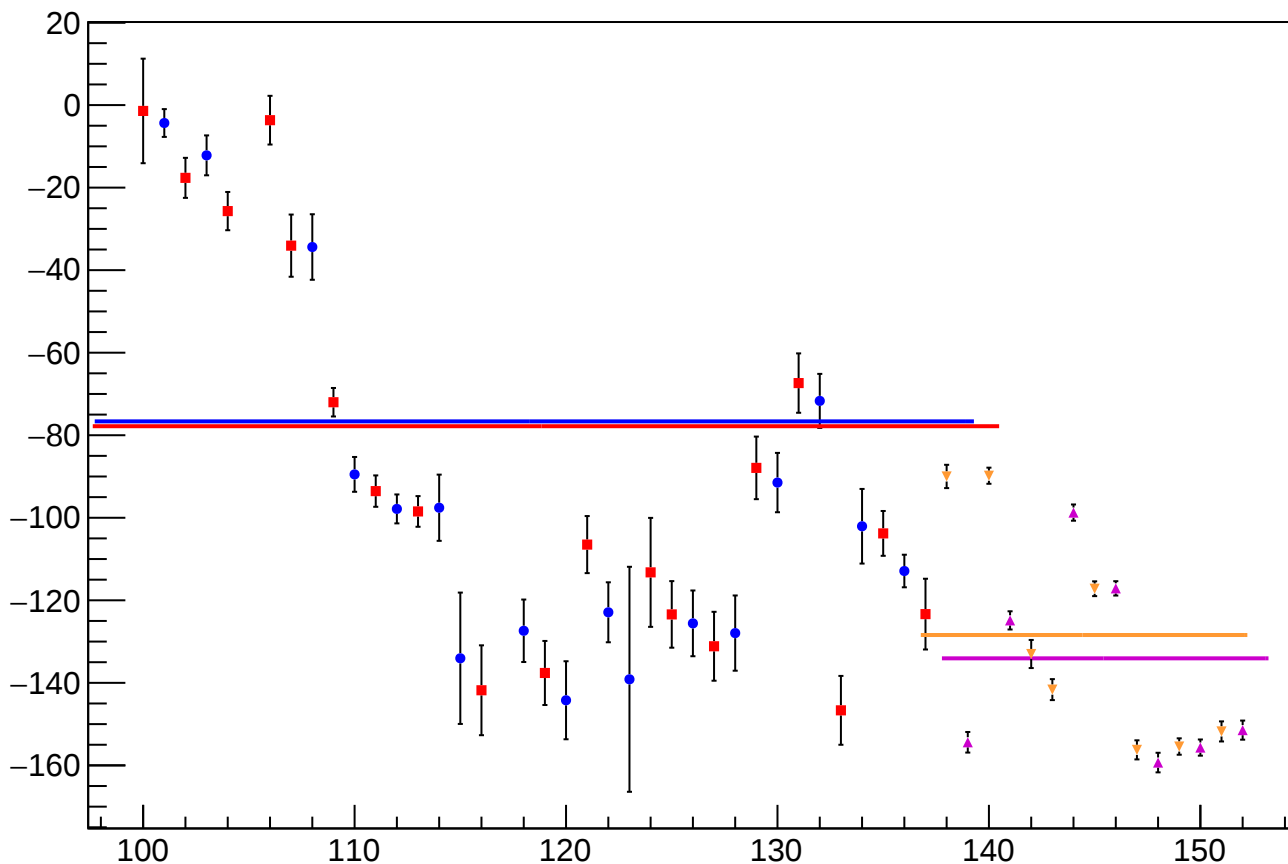
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.175 $\pm$ 0.454 χ^2 /NDF:1266.6/23

Out: 24.327 $\pm$ 0.450 χ^2 /NDF:1930.0/26

All: 23.261 $\pm$ 0.320 χ^2 /NDF: 3207.9/50

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: -128.409 ± 0.803 $\chi^2/\text{NDF}: 1066.3/7$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -134.064 ± 0.796 $\chi^2/\text{NDF}: 792.8/6$

Left: -131.263 ± 0.565 $\chi^2/\text{NDF}: 1884.1/14$

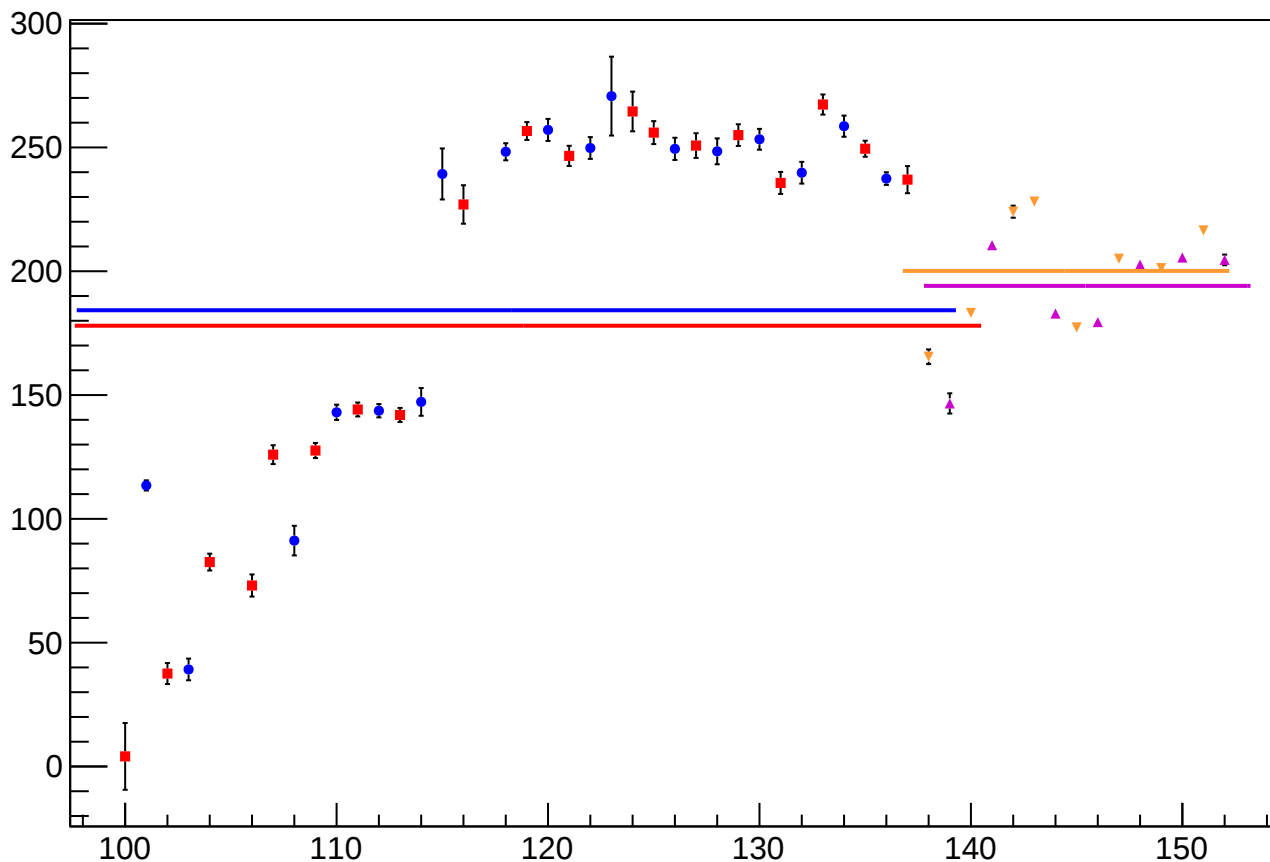
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -120.267 ± 0.693 $\chi^2/\text{NDF}: 3085.0/23$

Out: -115.211 ± 0.691 $\chi^2/\text{NDF}: 2974.4/26$

All: -117.728 ± 0.489 $\chi^2/\text{NDF}: 6086.1/50$

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: 200.137 $\pm$ 0.667 χ^2 /NDF:806.1/7

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 194.092 $\pm$ 0.674 χ^2 /NDF:473.5/6

Left: 197.146 $\pm$ 0.474 χ^2 /NDF: 1320.3/14

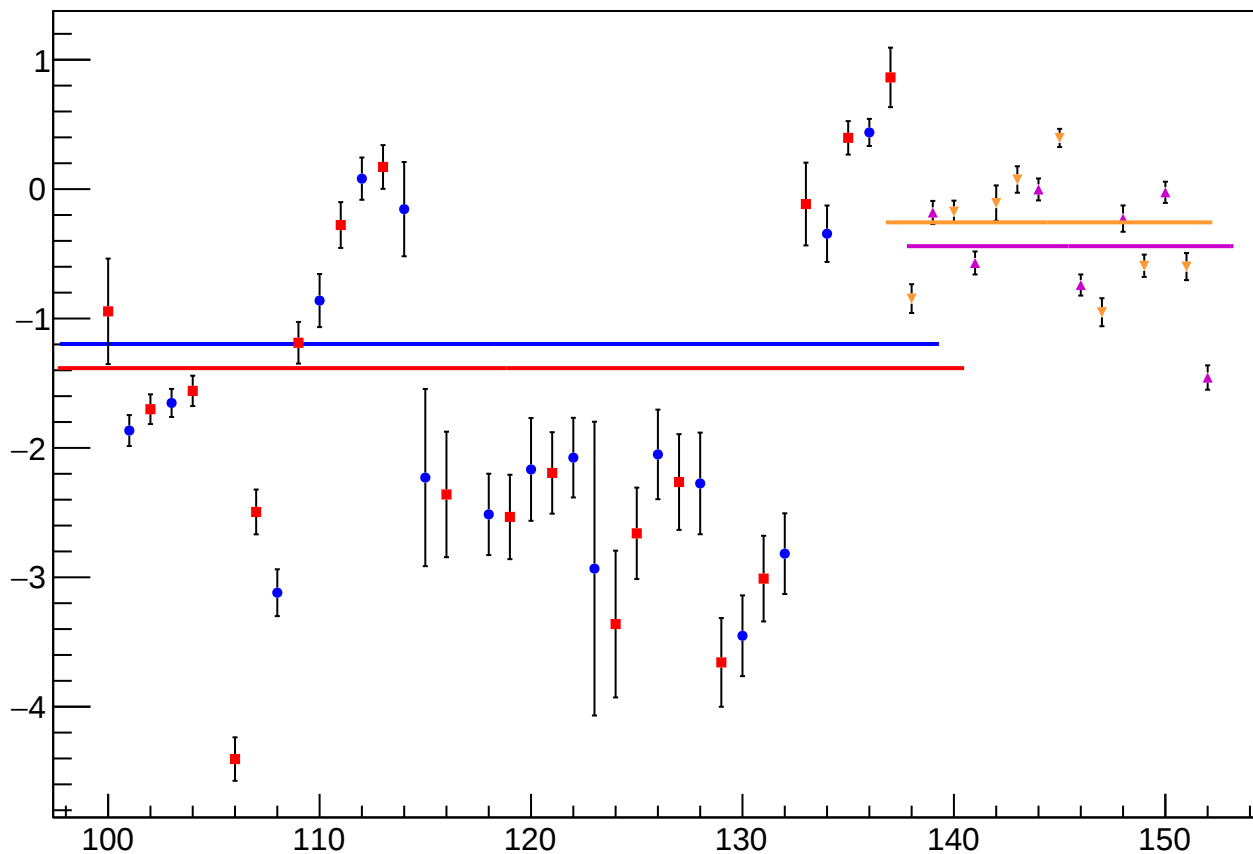
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 190.631 $\pm$ 0.543 χ^2 /NDF:5937.2/23

Out: 192.552 $\pm$ 0.541 χ^2 /NDF:7521.7/26

All: 191.595 $\pm$ 0.383 χ^2 /NDF: 13465.1/50

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.257 ± 0.034 χ^2/NDF : 193.5/7

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.441 ± 0.033 χ^2/NDF : 197.4/6

Left: -0.350 ± 0.024 χ^2/NDF : 406.0/14

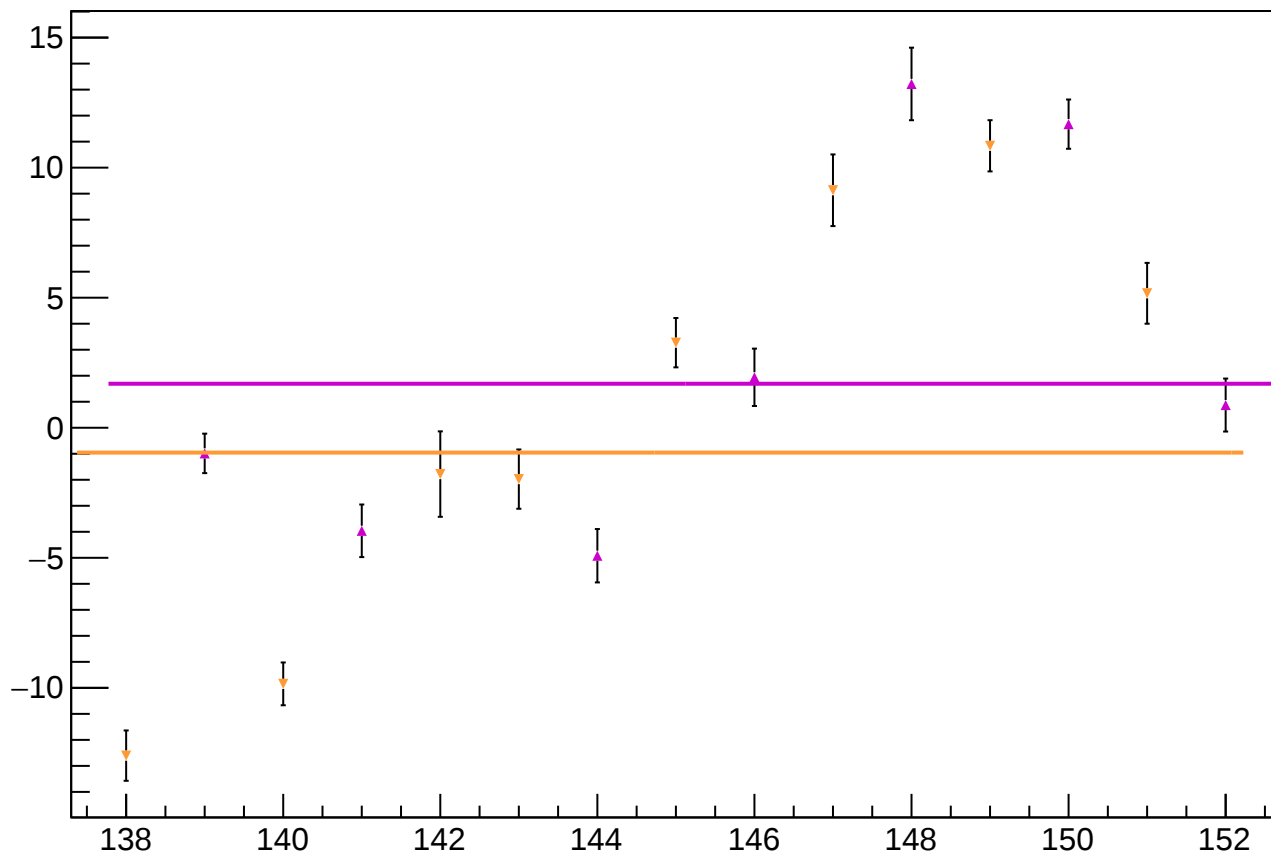
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.686 ± 0.027 χ^2/NDF : 985.5/23

Out: -0.652 ± 0.027 χ^2/NDF : 1510.1/26

All: -0.669 ± 0.019 χ^2/NDF : 2496.4/50

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.955+/-0.376 χ^2/NDF : 507.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.692+/-0.376 χ^2/NDF : 265.3/6

Left: 0.368+/-0.266 χ^2/NDF : 797.4/14

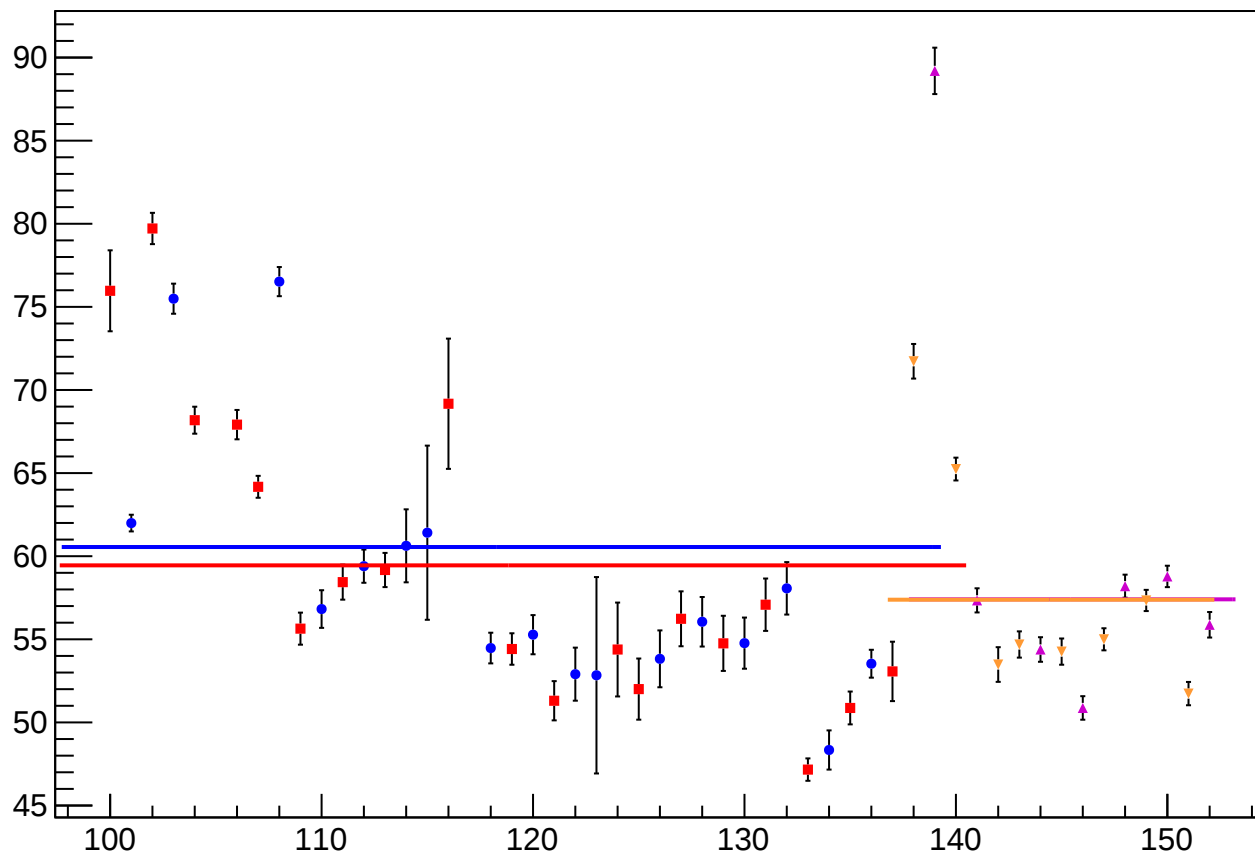
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.692+/-0.376 χ^2/NDF : 265.3/6

Out: -0.955+/-0.376 χ^2/NDF : 507.3/7

All: 0.368+/-0.266 χ^2/NDF : 797.4/14

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 57.383 ± 0.268 $\chi^2/\text{NDF}: 439.9/7$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 57.405 ± 0.284 $\chi^2/\text{NDF}: 630.4/6$

Left: 57.393 ± 0.195 $\chi^2/\text{NDF}: 1070.3/14$

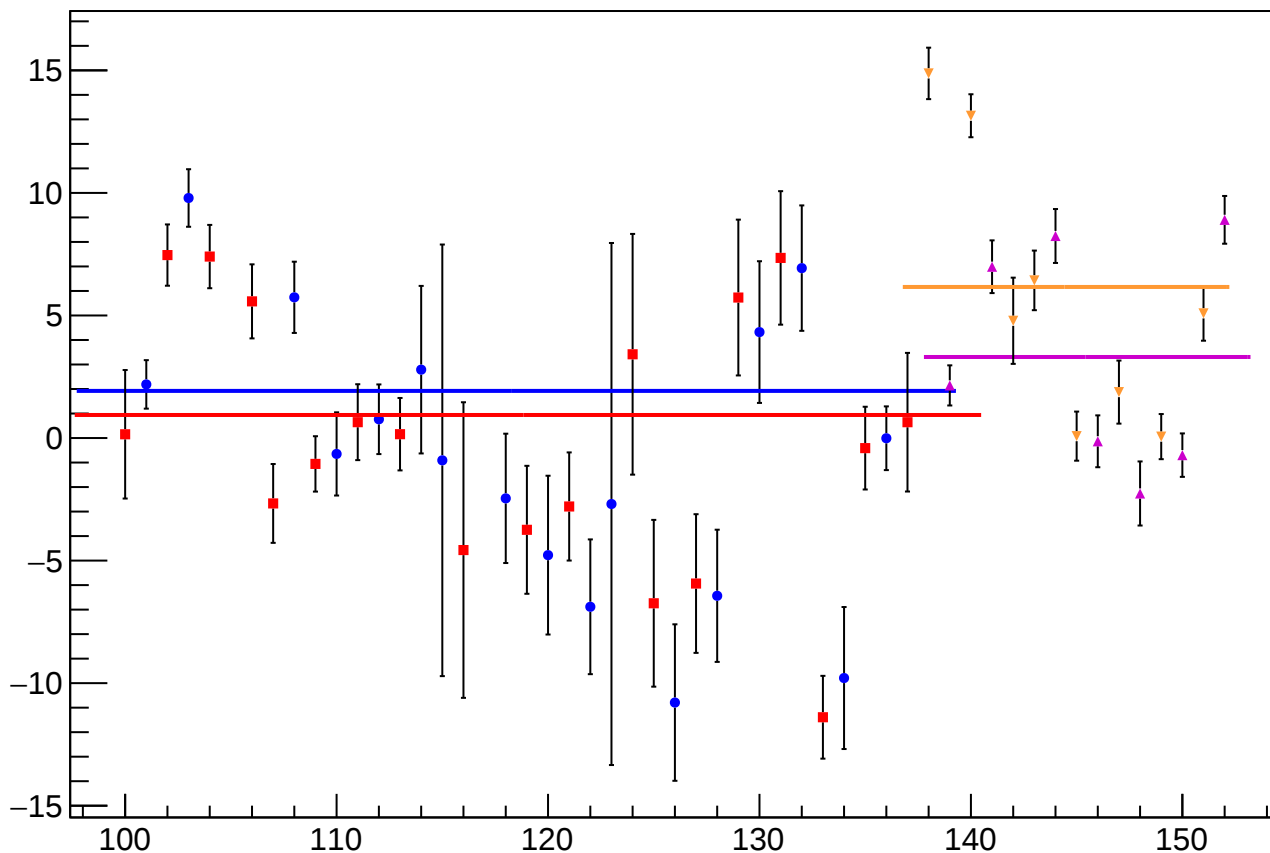
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 59.105 ± 0.192 $\chi^2/\text{NDF}: 1627.9/23$

Out: 58.497 ± 0.182 $\chi^2/\text{NDF}: 1793.3/26$

All: 58.784 ± 0.132 $\chi^2/\text{NDF}: 3426.4/50$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 6.163 ± 0.384 $\chi^2/\text{NDF}: 226.0/7$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 3.307 ± 0.378 $\chi^2/\text{NDF}: 116.0/6$

Left: 4.715 ± 0.269 $\chi^2/\text{NDF}: 370.1/14$

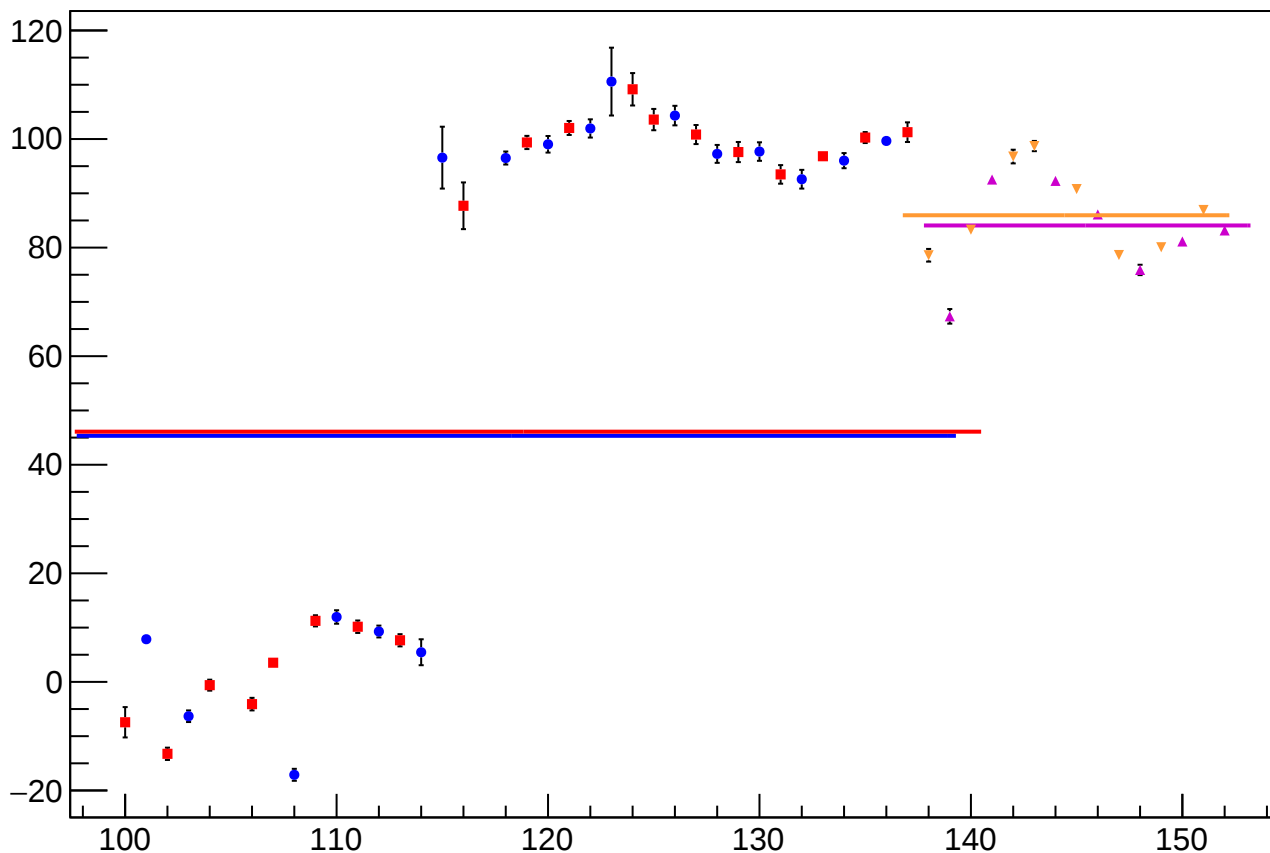
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 2.746 ± 0.292 $\chi^2/\text{NDF}: 242.5/23$

Out: 3.812 ± 0.285 $\chi^2/\text{NDF}: 459.6/26$

All: 3.292 ± 0.204 $\chi^2/\text{NDF}: 708.9/50$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 ± 0.304 χ^2/NDF : 25006.9/16

Left Out: 85.957 ± 0.327 χ^2/NDF : 459.9/7

Right Out: 46.094 ± 0.289 χ^2/NDF : 28267.6/18

Left In: 84.078 ± 0.341 χ^2/NDF : 433.2/6

Left: 85.056 ± 0.236 χ^2/NDF : 909.0/14

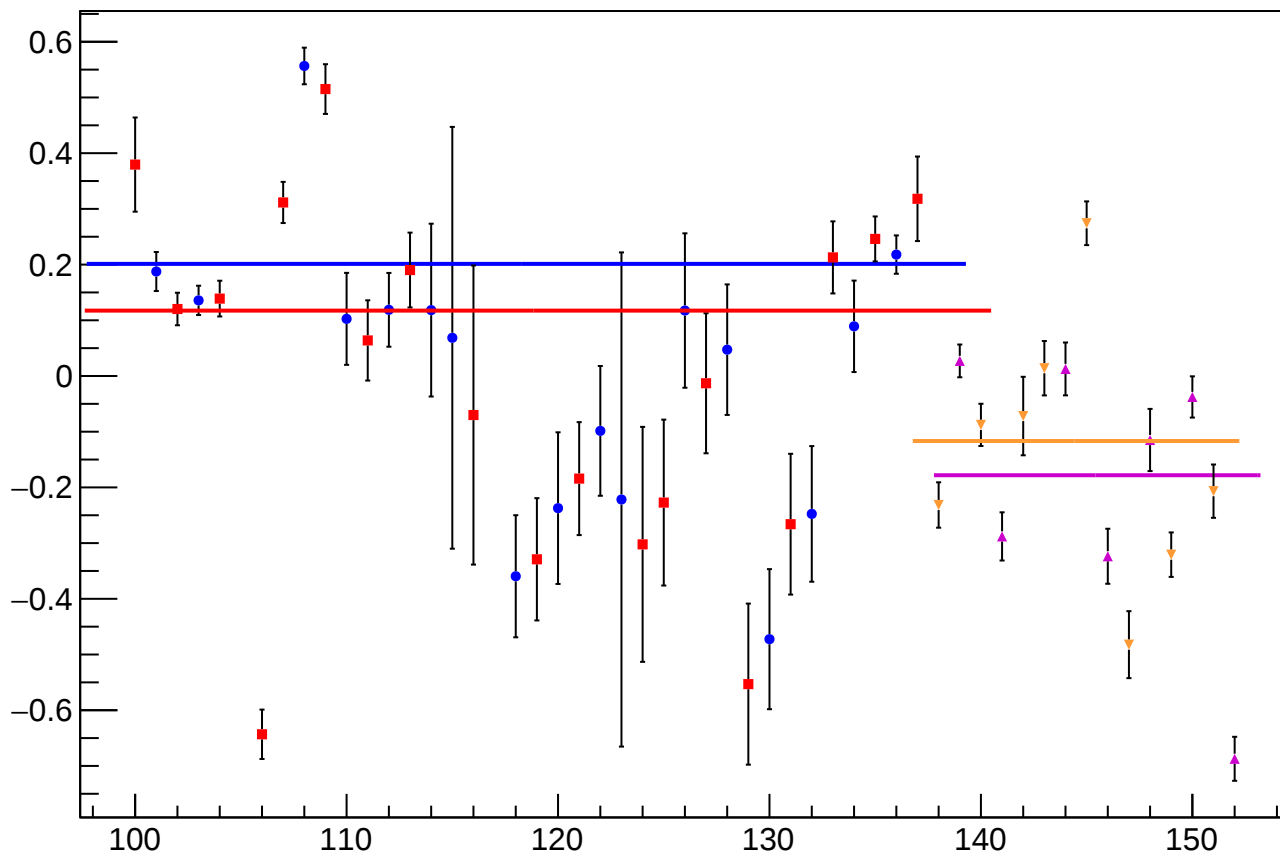
Right: 45.731 ± 0.209 χ^2/NDF : 53277.7/35

In: 62.479 ± 0.227 χ^2/NDF : 32648.9/23

Out: 63.588 ± 0.217 χ^2/NDF : 37065.2/26

All: 63.058 ± 0.157 χ^2/NDF : 69726.6/50

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.117 ± 0.016 χ^2/NDF : 182.0/7

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.178 ± 0.015 χ^2/NDF : 261.8/6

Left: -0.149 ± 0.011 χ^2/NDF : 451.5/14

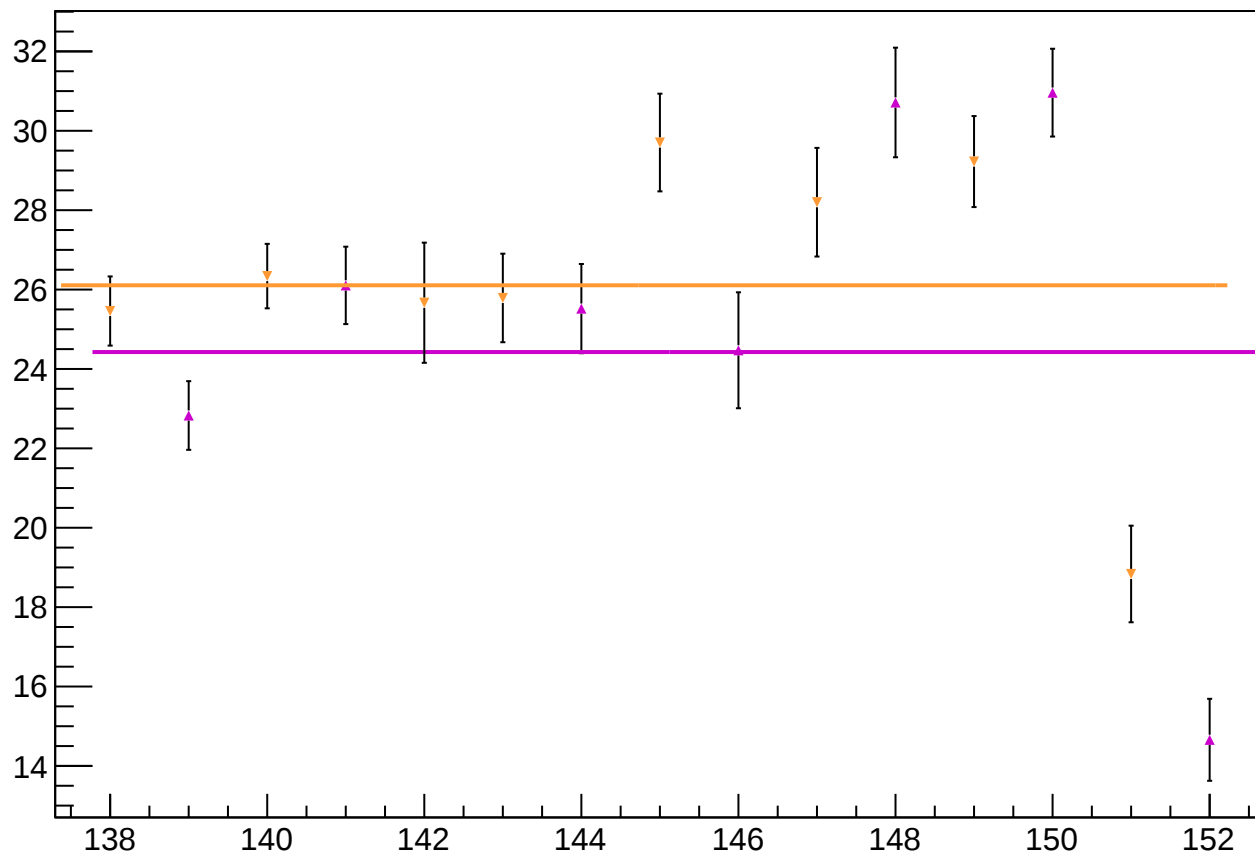
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.029 ± 0.010 χ^2/NDF : 811.3/23

Out: 0.024 ± 0.010 χ^2/NDF : 810.4/26

All: 0.026 ± 0.007 χ^2/NDF : 1621.8/50

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.108+/-0.386 χ^2/NDF :54.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.426+/-0.411 χ^2/NDF :152.5/6

Left: 25.319+/-0.281 χ^2/NDF : 216.2/14

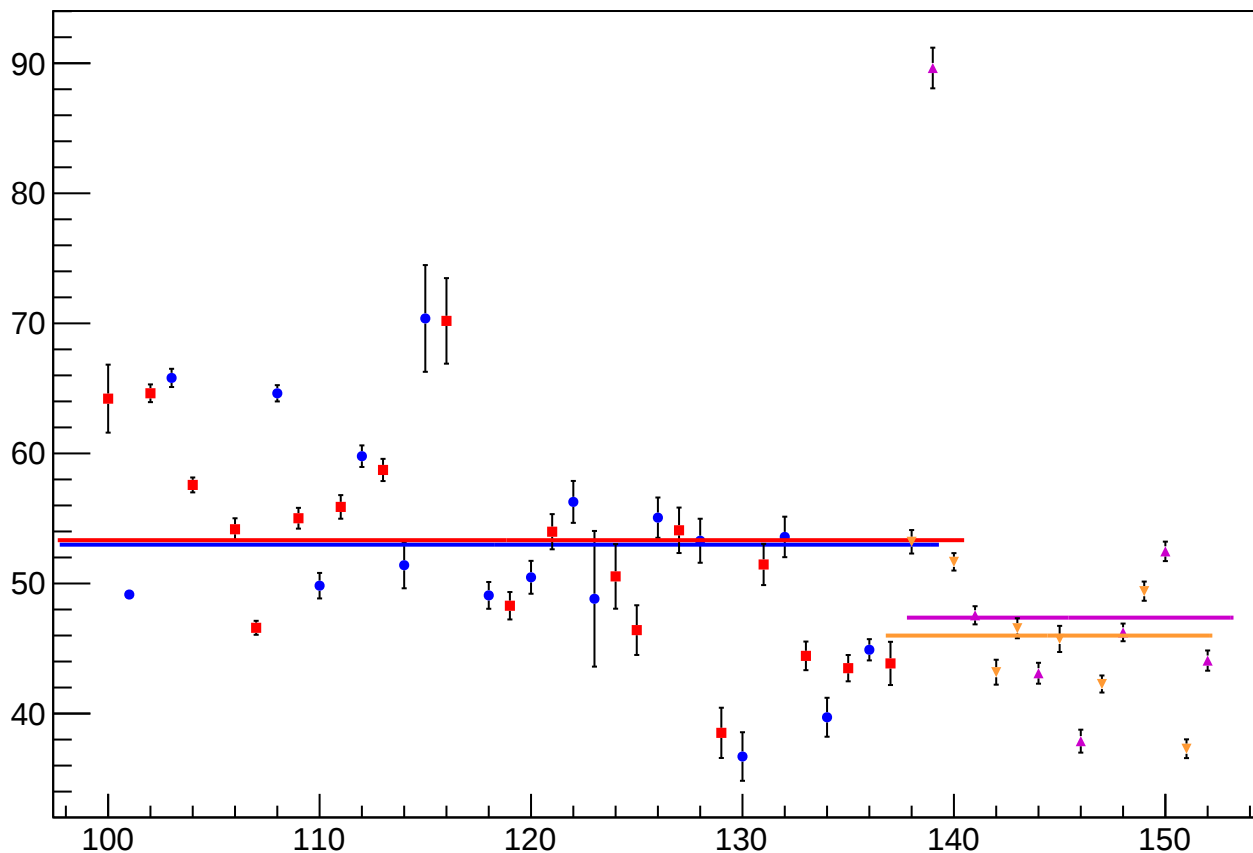
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.426+/-0.411 χ^2/NDF :152.5/6

Out: 26.108+/-0.386 χ^2/NDF :54.8/7

All: 25.319+/-0.281 χ^2/NDF : 216.2/14

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.995 $\pm$ 0.274 χ^2 /NDF: 343.5/7

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 47.374 $\pm$ 0.303 χ^2 /NDF: 942.3/6

Left: 46.616 $\pm$ 0.203 χ^2 /NDF: 1297.3/14

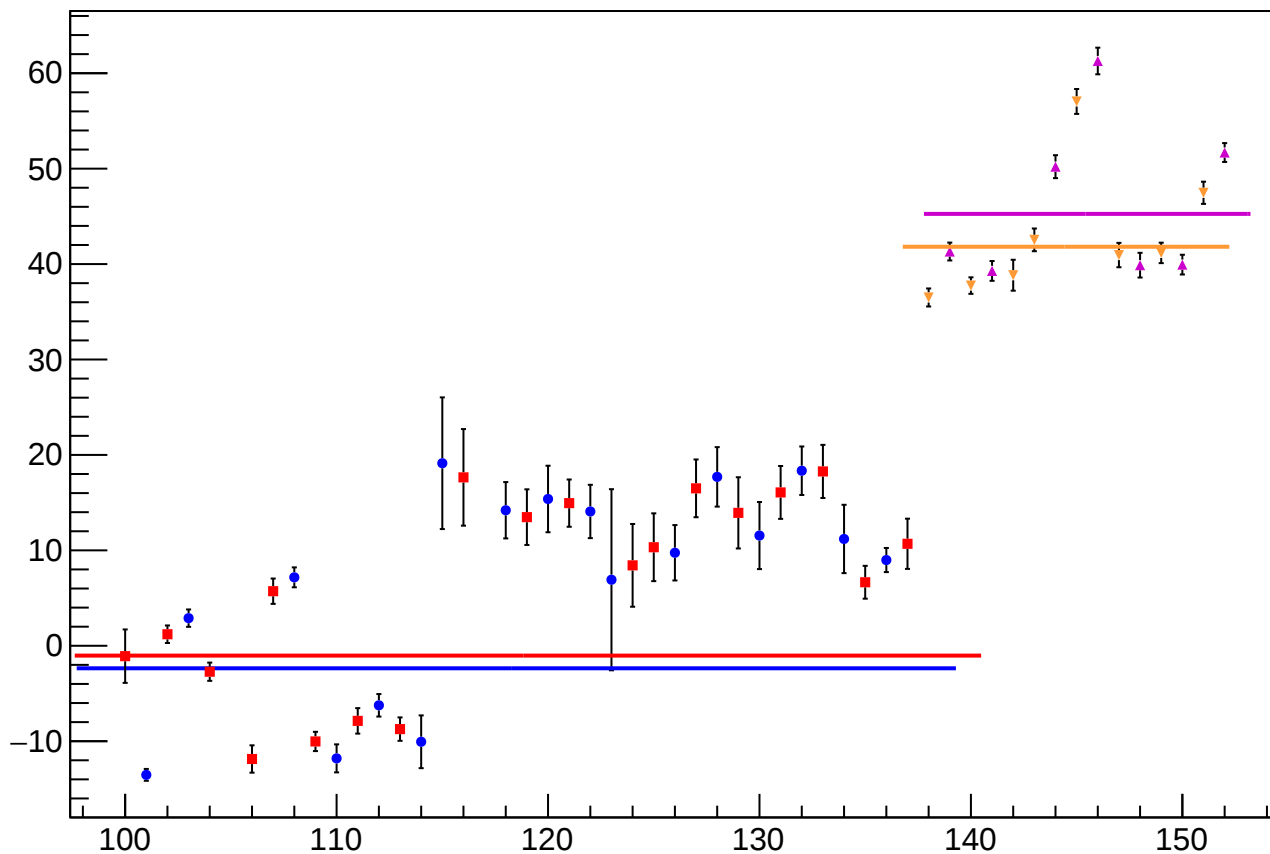
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 51.158 $\pm$ 0.173 χ^2 /NDF: 2372.0/23

Out: 50.354 $\pm$ 0.175 χ^2 /NDF: 1642.8/26

All: 50.761 $\pm$ 0.123 χ^2 /NDF: 4025.5/50

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 $\pm$ 0.364 χ^2/NDF : 837.7/16

Left Out: 41.816 $\pm$ 0.397 χ^2/NDF :218.1/7

Right Out: -1.030 $\pm$ 0.377 χ^2/NDF : 507.8/18

Left In: 45.260 $\pm$ 0.414 χ^2/NDF :285.8/6

Left: 43.464 $\pm$ 0.286 χ^2/NDF : 540.0/14

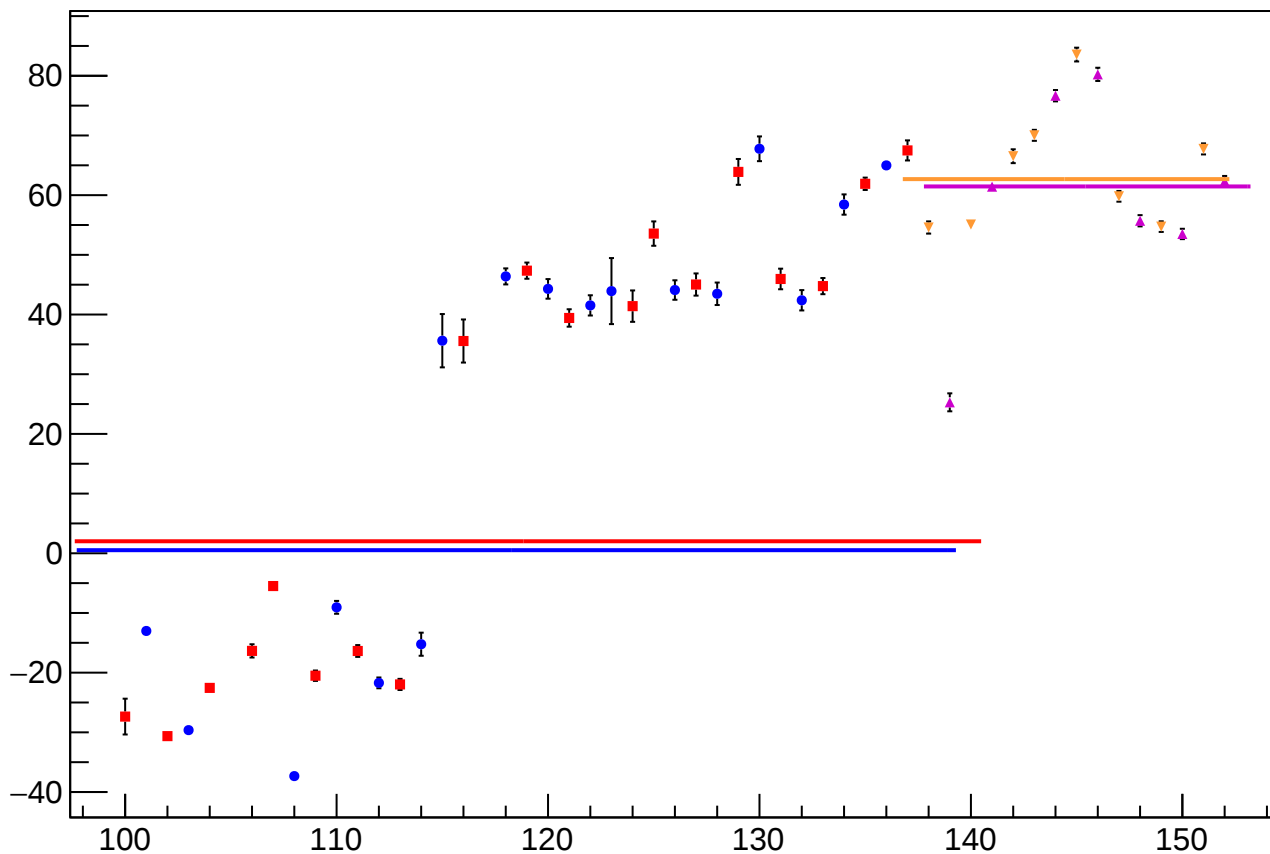
Right: -1.717 $\pm$ 0.262 χ^2/NDF : 1352.0/35

In: 18.408 $\pm$ 0.273 χ^2/NDF :8582.3/23

Out: 19.287 $\pm$ 0.273 χ^2/NDF :6856.8/26

All: 18.848 $\pm$ 0.193 χ^2/NDF : 15444.3/50

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 62.688 ± 0.337 $\chi^2/\text{NDF}: 671.6/7$

Right Out: 2.013 ± 0.266 $\chi^2/\text{NDF}: 15473.7/18$

Left In: 61.460 ± 0.367 $\chi^2/\text{NDF}: 1241.6/6$

Left: 62.126 ± 0.248 $\chi^2/\text{NDF}: 1919.3/14$

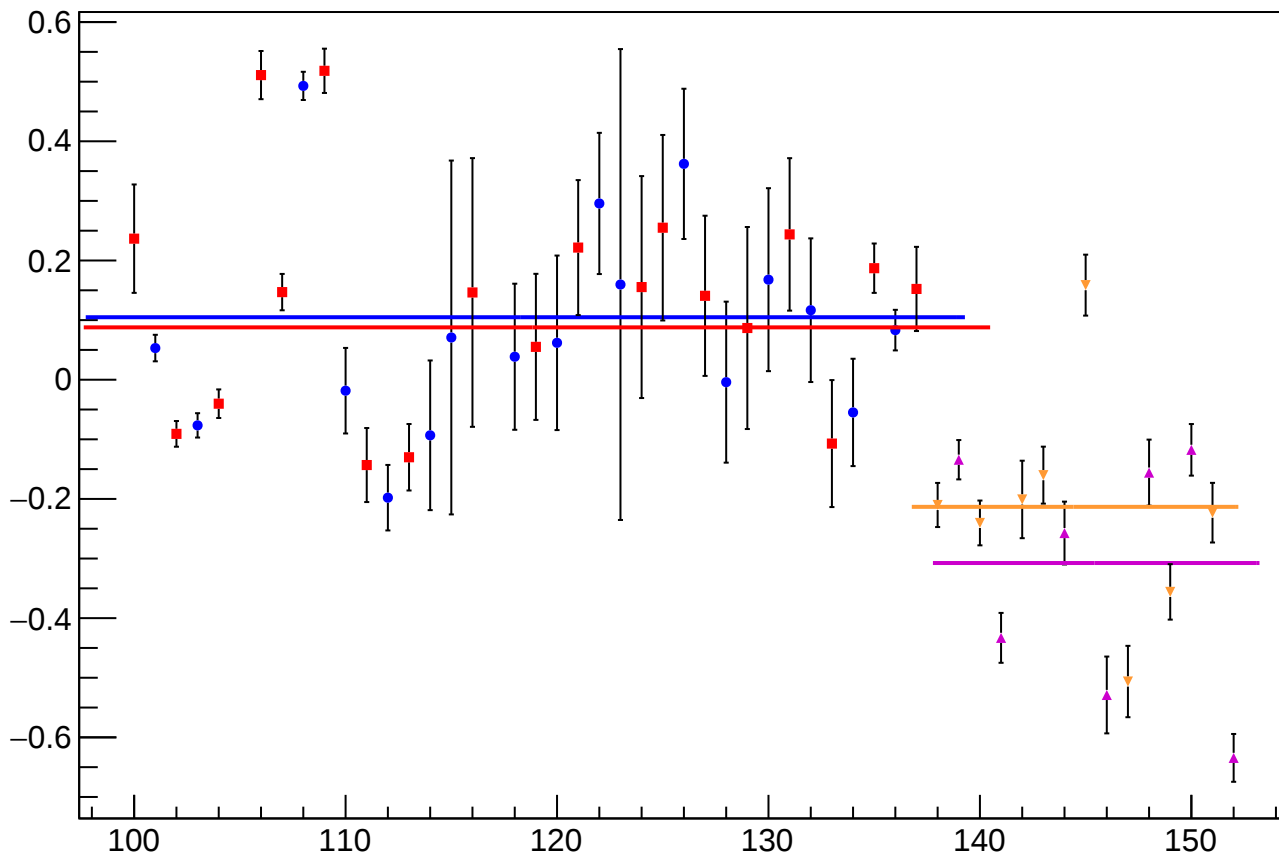
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 19.518 ± 0.205 $\chi^2/\text{NDF}: 38617.6/23$

Out: 25.366 ± 0.209 $\chi^2/\text{NDF}: 36118.9/26$

All: 22.385 ± 0.146 $\chi^2/\text{NDF}: 75136.0/50$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.213 ± 0.017 $\chi^2/\text{NDF}: 88.1/7$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.308 ± 0.017 $\chi^2/\text{NDF}: 142.4/6$

Left: -0.260 ± 0.012 $\chi^2/\text{NDF}: 246.6/14$

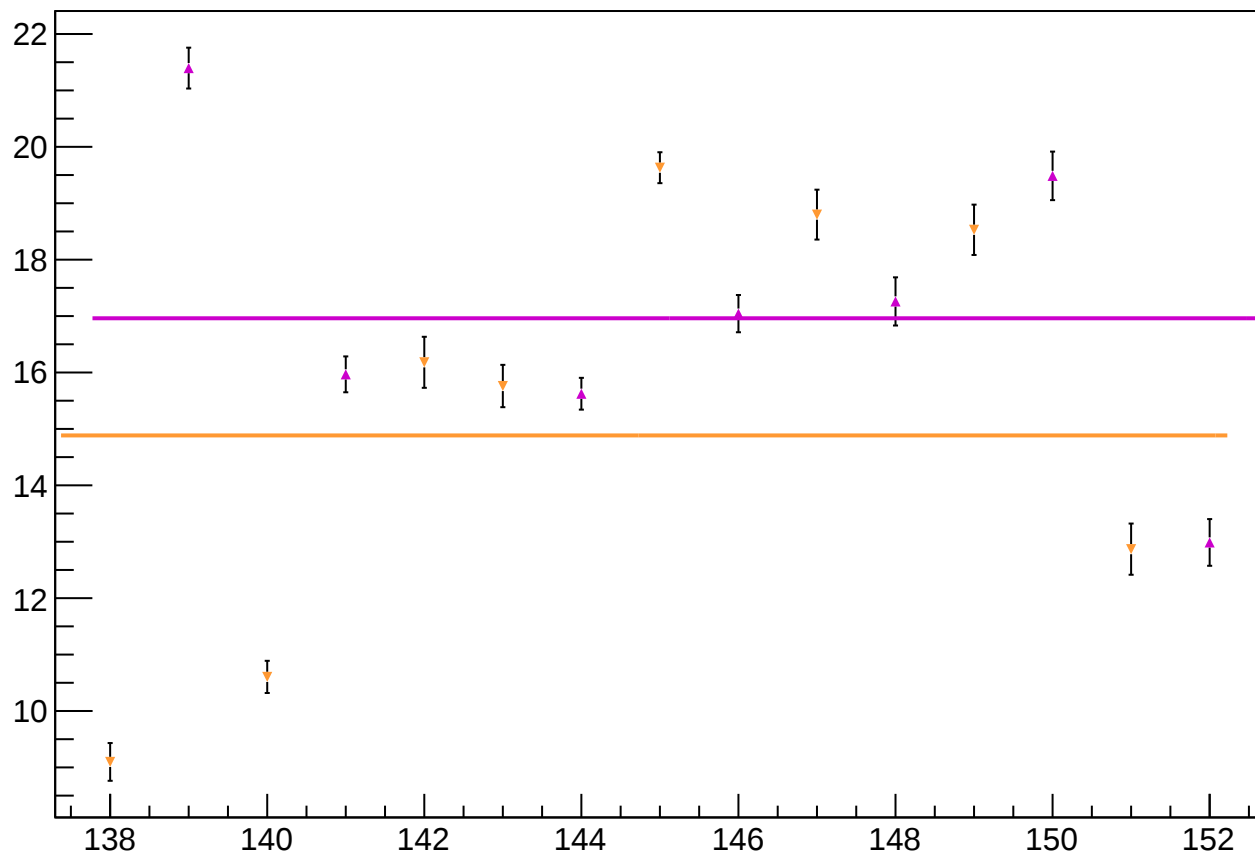
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.020 ± 0.009 $\chi^2/\text{NDF}: 966.4/23$

Out: -0.004 ± 0.009 $\chi^2/\text{NDF}: 708.1/26$

All: -0.012 ± 0.006 $\chi^2/\text{NDF}: 1676.0/50$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.885+/-0.128 χ^2/NDF :1002.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.961+/-0.134 χ^2/NDF :309.4/6

Left: 15.874+/-0.092 χ^2/NDF : 1438.3/14

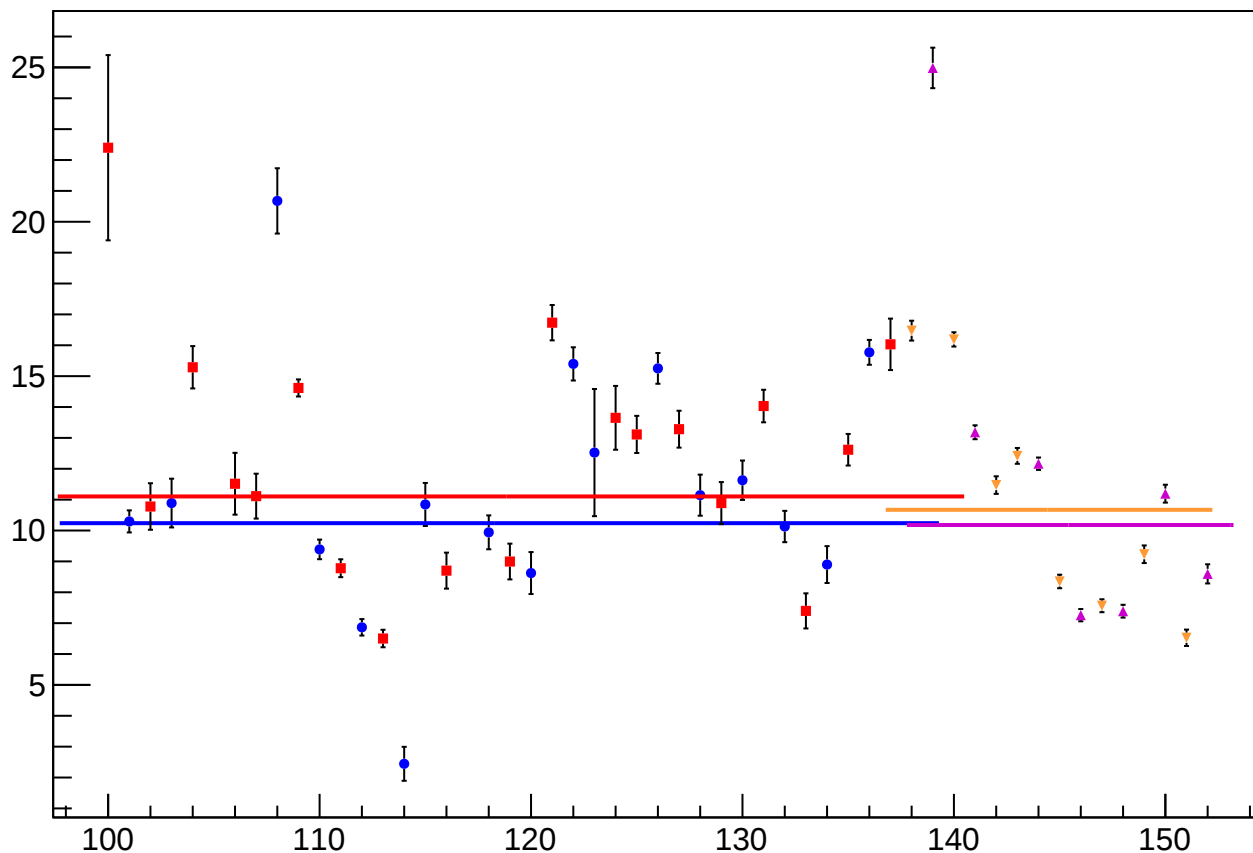
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.961+/-0.134 χ^2/NDF :309.4/6

Out: 14.885+/-0.128 χ^2/NDF :1002.4/7

All: 15.874+/-0.092 χ^2/NDF : 1438.3/14

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 10.671 ± 0.089 $\chi^2/\text{NDF}: 1549.3/7$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 10.179 ± 0.092 $\chi^2/\text{NDF}: 1219.6/6$

Left: 10.433 ± 0.064 $\chi^2/\text{NDF}: 2783.6/14$

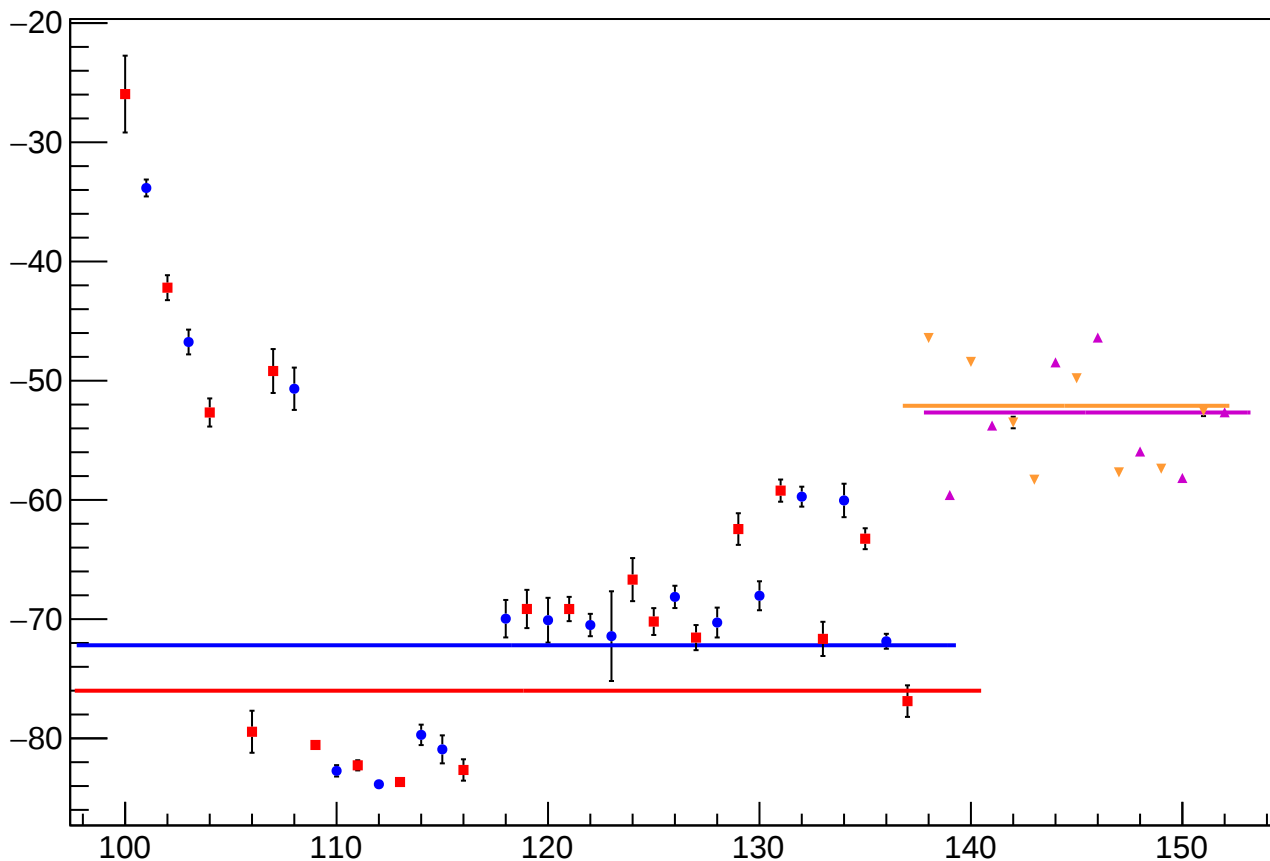
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 10.201 ± 0.073 $\chi^2/\text{NDF}: 2087.2/23$

Out: 10.831 ± 0.071 $\chi^2/\text{NDF}: 2373.2/26$

All: 10.526 ± 0.051 $\chi^2/\text{NDF}: 4498.8/50$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.103 ± 0.132 χ^2/NDF : 1047.4/7

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -52.667 ± 0.135 χ^2/NDF : 1164.3/6

Left: -52.379 ± 0.094 χ^2/NDF : 2220.6/14

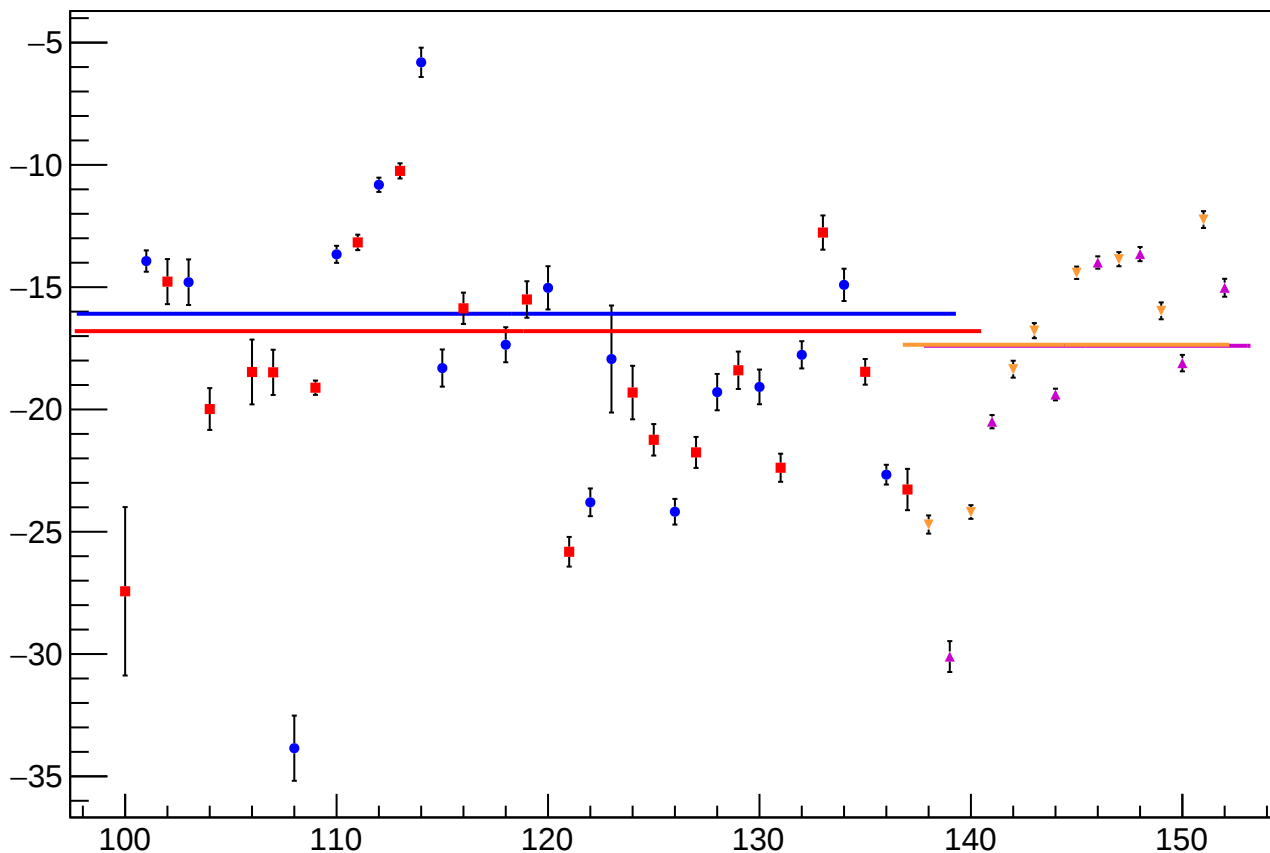
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -58.846 ± 0.111 χ^2/NDF : 13365.1/23

Out: -60.390 ± 0.107 χ^2/NDF : 15909.3/26

All: -59.653 ± 0.077 χ^2/NDF : 29374.8/50

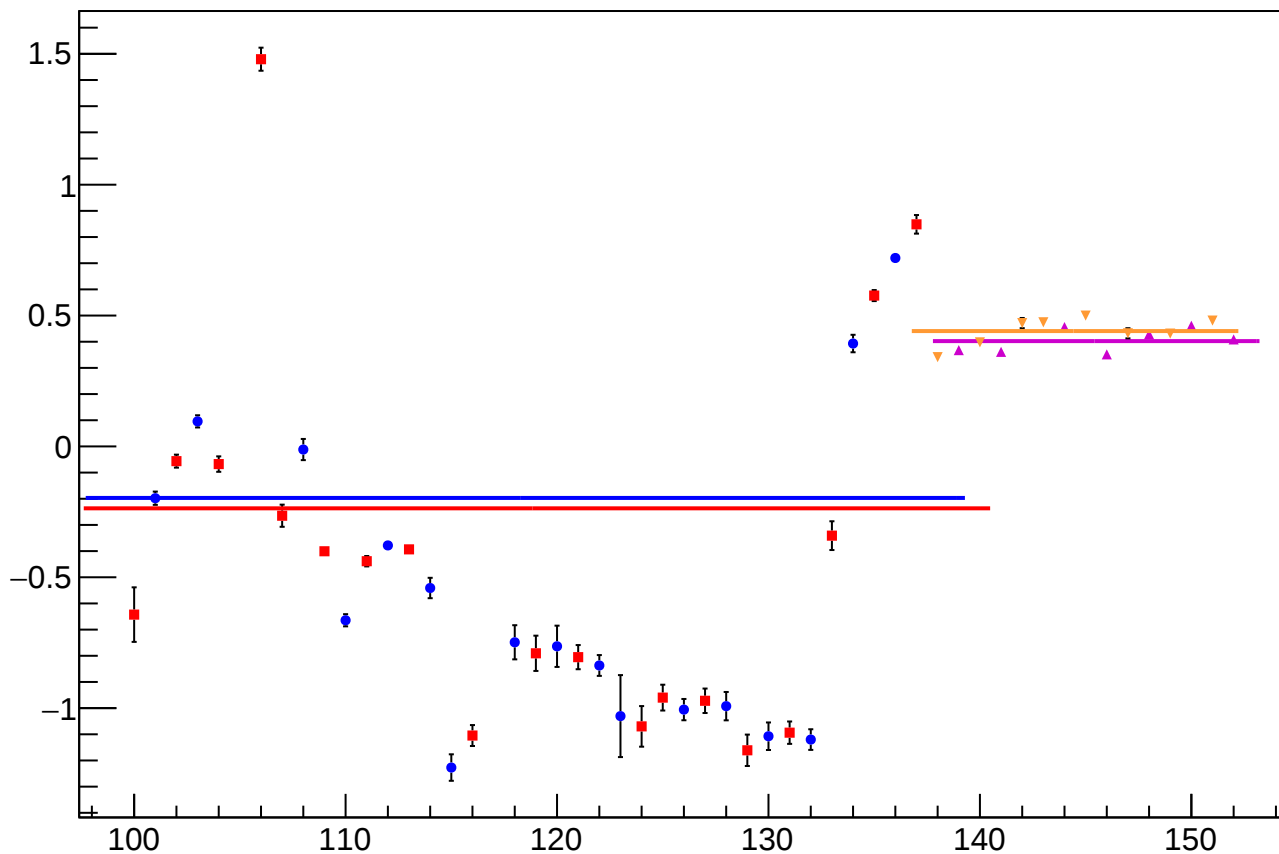
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.353 ± 0.110 $\chi^2/\text{NDF}: 1517.1/7$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -17.396 ± 0.114 $\chi^2/\text{NDF}: 998.8/6$

Left: -17.374 ± 0.079 $\chi^2/\text{NDF}: 2515.9/14$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -16.841 ± 0.086 $\chi^2/\text{NDF}: 2676.8/23$
 Out: -17.119 ± 0.083 $\chi^2/\text{NDF}: 2741.9/26$
 All: -16.984 ± 0.060 $\chi^2/\text{NDF}: 5424.1/50$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.441 ± 0.005 χ^2/NDF : 96.6/7

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.402 ± 0.006 χ^2/NDF : 58.5/6

Left: 0.422 ± 0.004 χ^2/NDF : 178.9/14

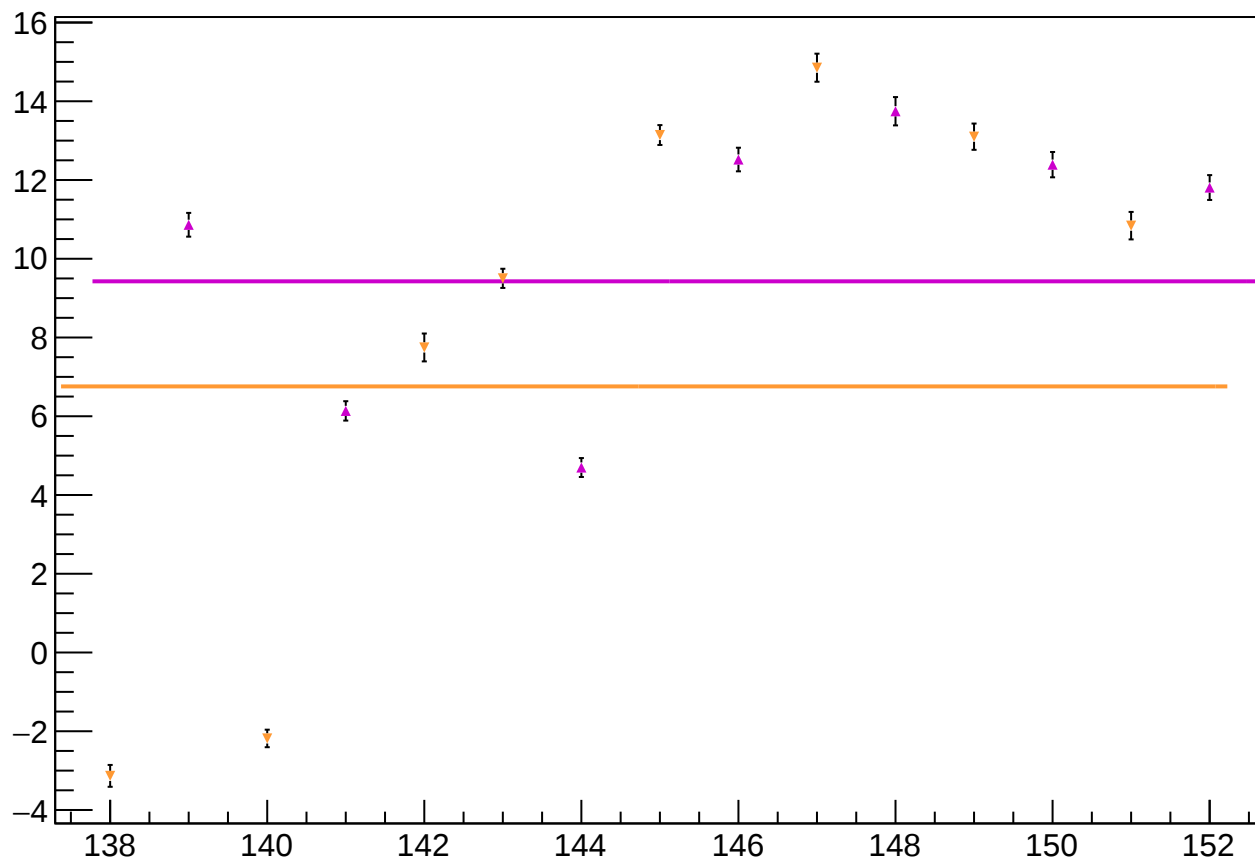
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.189 ± 0.005 χ^2/NDF : 10447.4/23

Out: 0.190 ± 0.004 χ^2/NDF : 11938.0/26

All: 0.190 ± 0.003 χ^2/NDF : 22385.4/50

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6.758+/-0.101 χ^2/NDF : 4670.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.427+/-0.110 χ^2/NDF : 981.0/6

Left: 7.979+/-0.074 χ^2/NDF : 5973.2/14

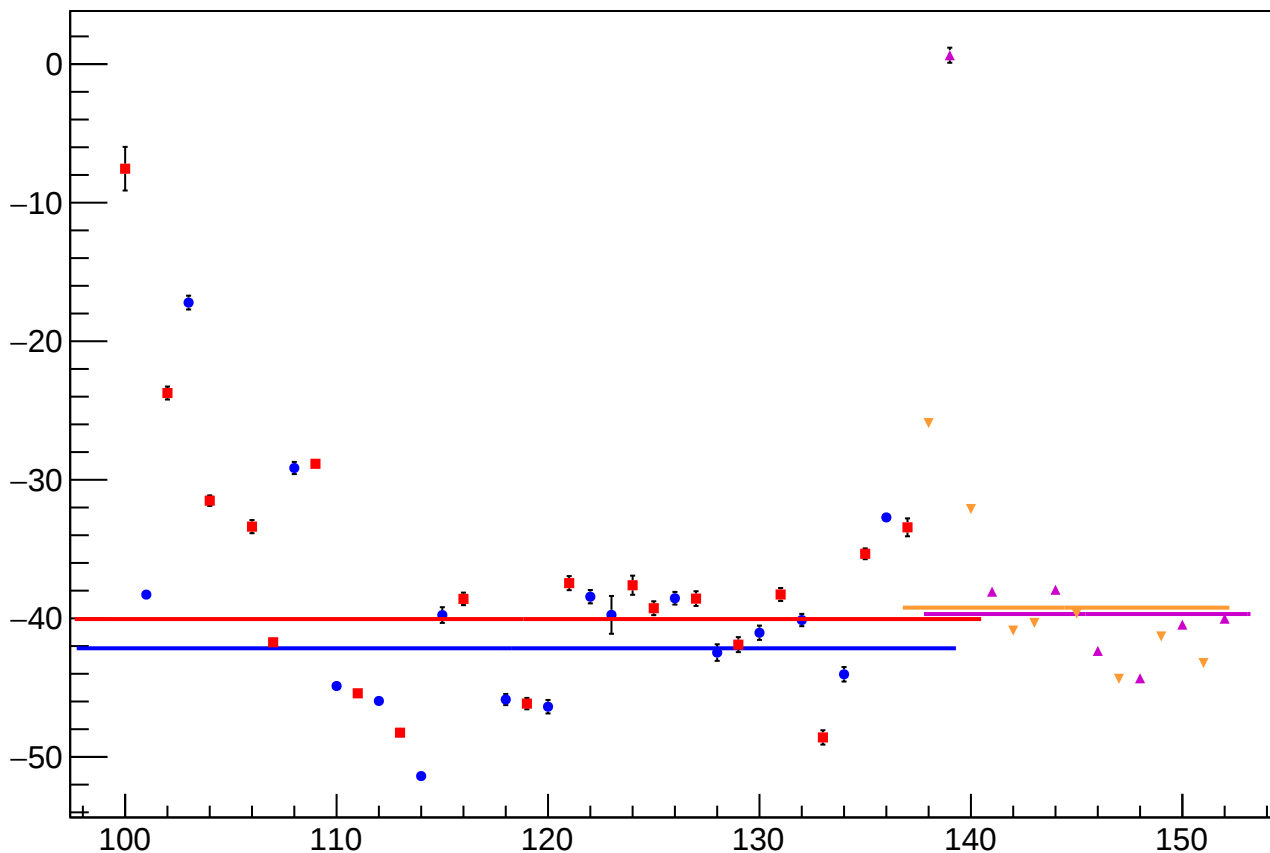
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.427+/-0.110 χ^2/NDF : 981.0/6

Out: 6.758+/-0.101 χ^2/NDF : 4670.3/7

All: 7.979+/-0.074 χ^2/NDF : 5973.2/14

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -39.227 ± 0.070 χ^2/NDF : 5484.3/7

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -39.688 ± 0.077 χ^2/NDF : 6587.5/6

Left: -39.436 ± 0.052 χ^2/NDF : 12091.5/14

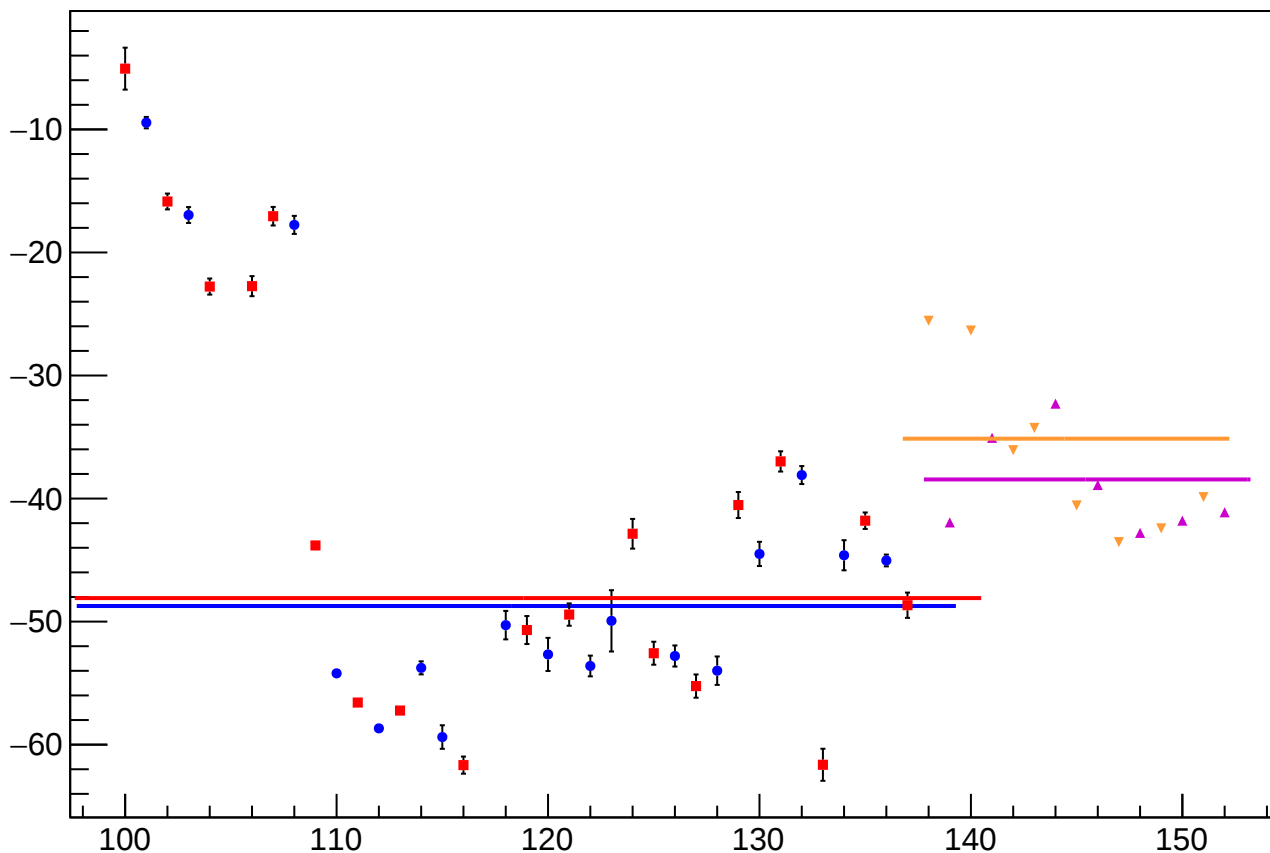
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.903 ± 0.055 χ^2/NDF : 13670.0/23

Out: -39.622 ± 0.050 χ^2/NDF : 16862.2/26

All: -40.212 ± 0.037 χ^2/NDF : 30828.9/50

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.134 ± 0.104 $\chi^2/\text{NDF}: 4200.3/7$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.448 ± 0.110 $\chi^2/\text{NDF}: 1225.2/6$

Left: -36.689 ± 0.076 $\chi^2/\text{NDF}: 5903.5/14$

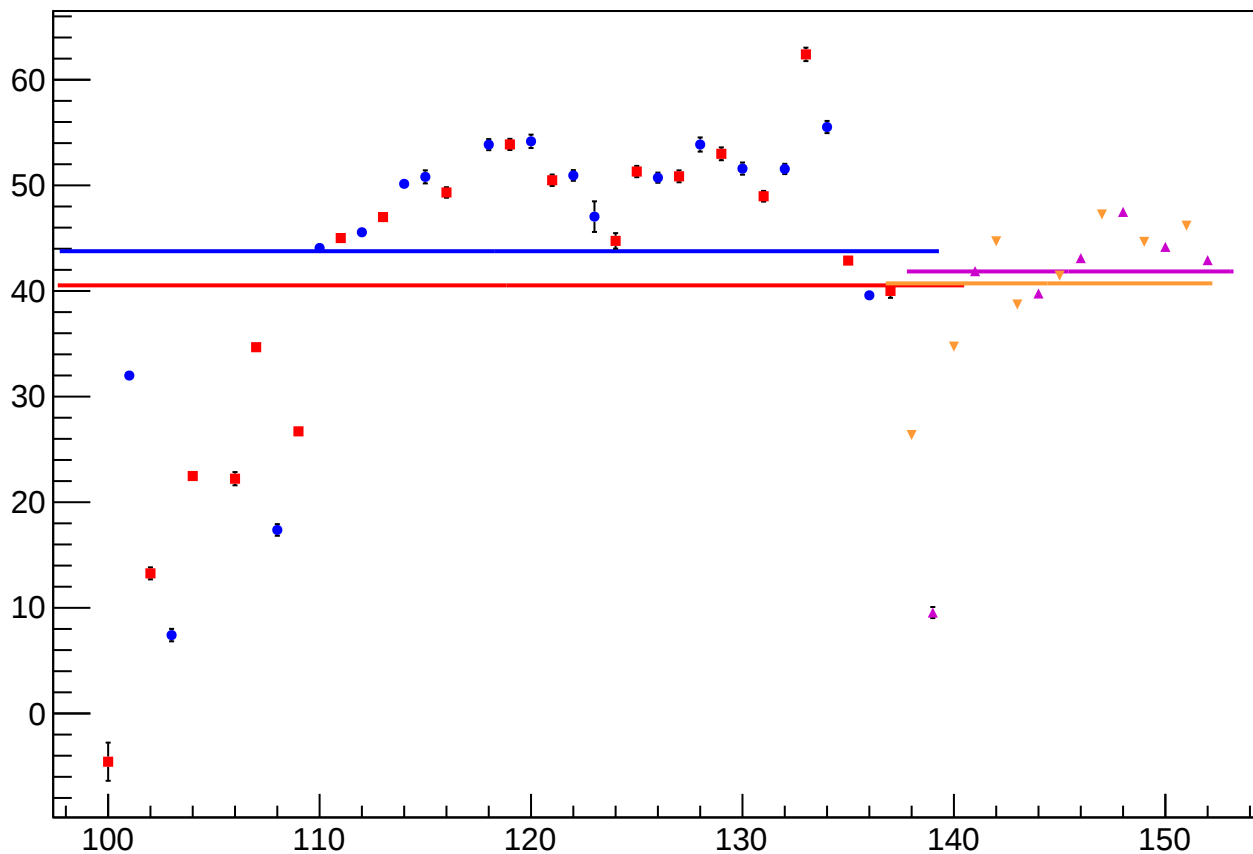
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.971 ± 0.083 $\chi^2/\text{NDF}: 19697.1/23$

Out: -41.403 ± 0.075 $\chi^2/\text{NDF}: 23466.4/26$

All: -42.107 ± 0.055 $\chi^2/\text{NDF}: 43361.7/50$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.721 $\pm$ 0.086 χ^2 /NDF:4644.8/7

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 41.849 $\pm$ 0.094 χ^2 /NDF:4558.9/6

Left: 41.236 $\pm$ 0.063 χ^2 /NDF: 9282.3/14

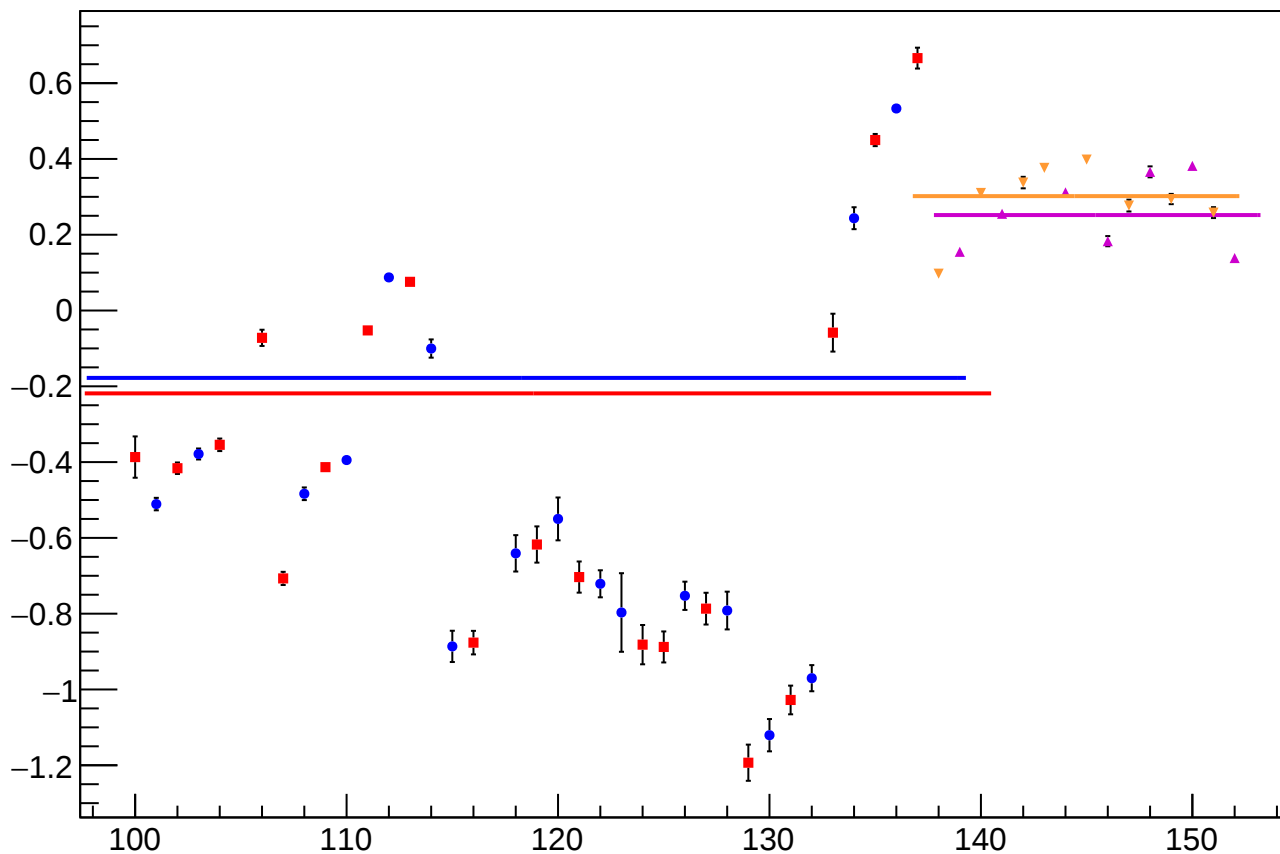
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.881 $\pm$ 0.064 χ^2 /NDF:15417.8/23

Out: 40.620 $\pm$ 0.059 χ^2 /NDF:22228.1/26

All: 41.657 $\pm$ 0.043 χ^2 /NDF: 38328.4/50

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.302 ± 0.004 χ^2/NDF : 446.6/7

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.252 ± 0.005 χ^2/NDF : 379.3/6

Left: 0.278 ± 0.003 χ^2/NDF : 888.7/14

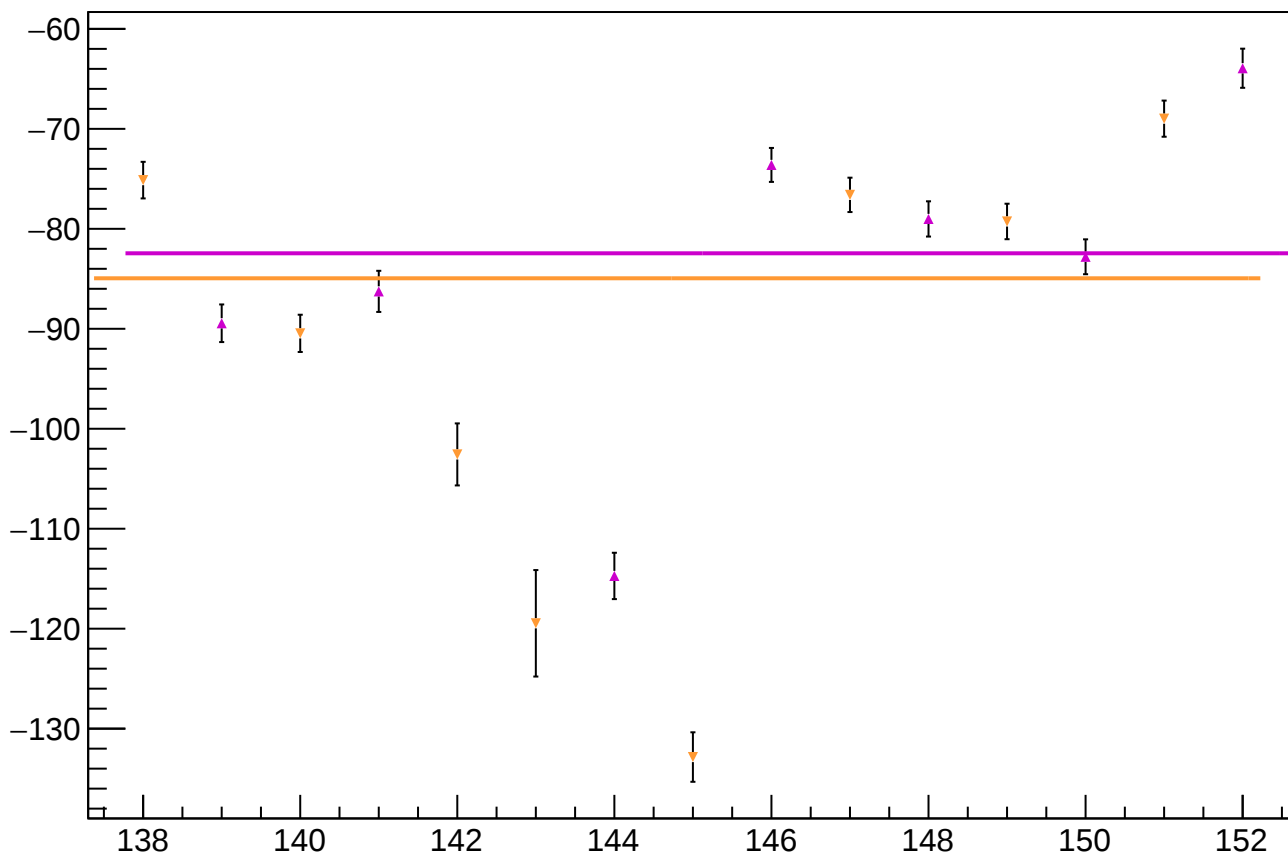
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.049 ± 0.003 χ^2/NDF : 11900.2/23

Out: 0.040 ± 0.003 χ^2/NDF : 15184.0/26

All: 0.044 ± 0.002 χ^2/NDF : 27088.5/50

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.949+/-0.735 χ^2/NDF :597.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.448+/-0.714 χ^2/NDF :331.5/6

Left: -83.662+/-0.512 χ^2/NDF : 935.3/14

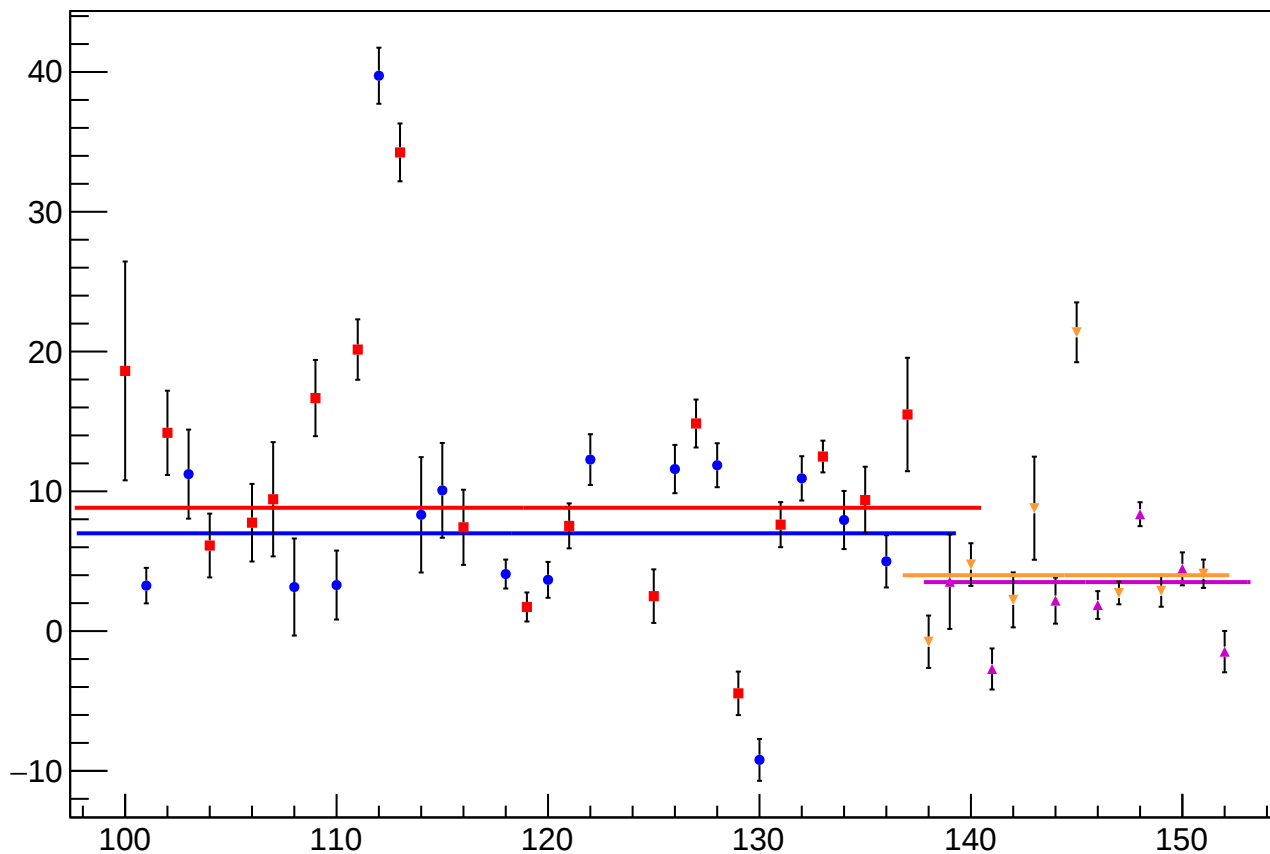
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.448+/-0.714 χ^2/NDF :331.5/6

Out: -84.949+/-0.735 χ^2/NDF :597.8/7

All: -83.662+/-0.512 χ^2/NDF : 935.3/14

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.999 ± 0.471 $\chi^2/\text{NDF}: 78.5/7$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.506 ± 0.473 $\chi^2/\text{NDF}: 65.4/6$

Left: 3.753 ± 0.333 $\chi^2/\text{NDF}: 144.5/14$

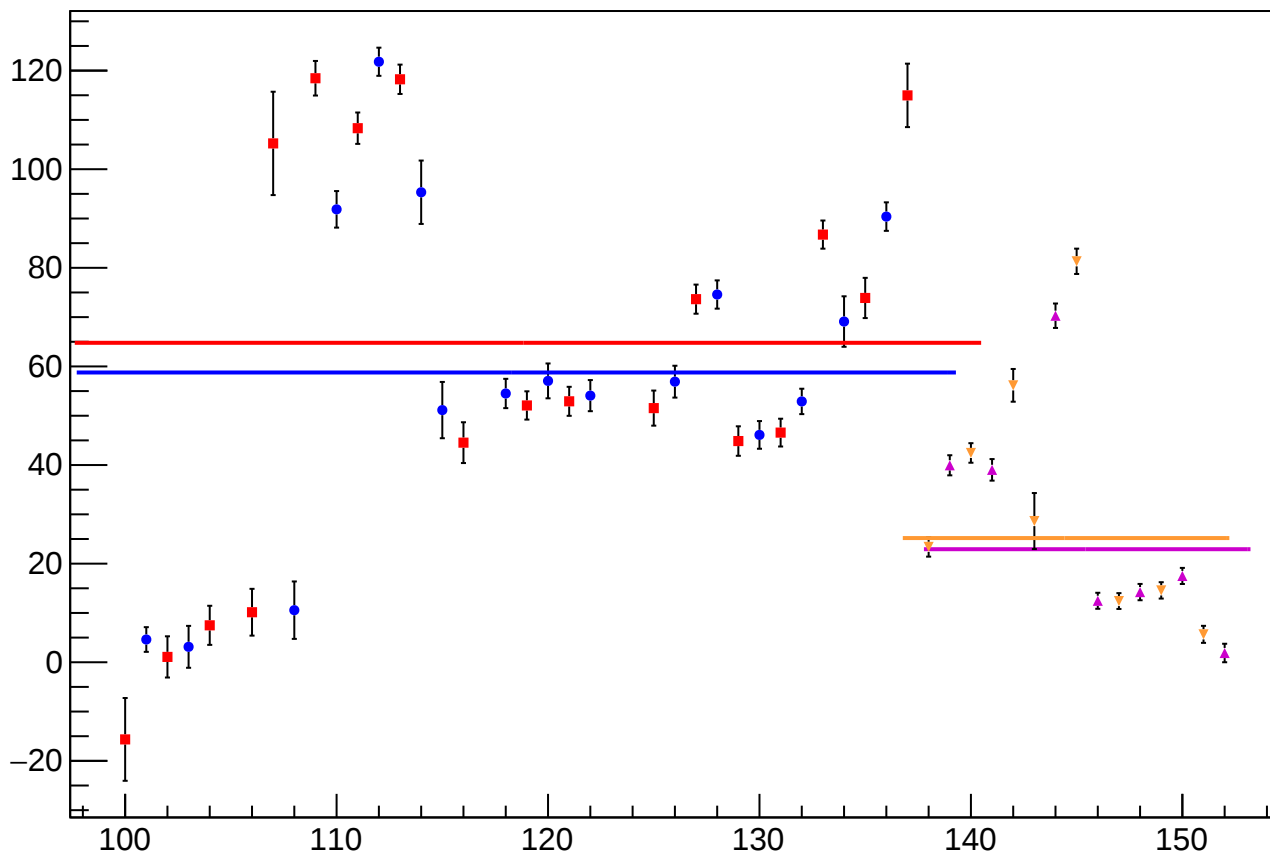
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.399 ± 0.320 $\chi^2/\text{NDF}: 540.4/22$

Out: 6.525 ± 0.325 $\chi^2/\text{NDF}: 484.0/25$

All: 5.953 ± 0.228 $\chi^2/\text{NDF}: 1030.4/48$

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: 25.188 $\pm$ 0.732 χ^2 /NDF:873.3/7

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 22.928 $\pm$ 0.704 χ^2 /NDF:695.2/6

Left: 24.015 $\pm$ 0.507 χ^2 /NDF: 1573.4/14

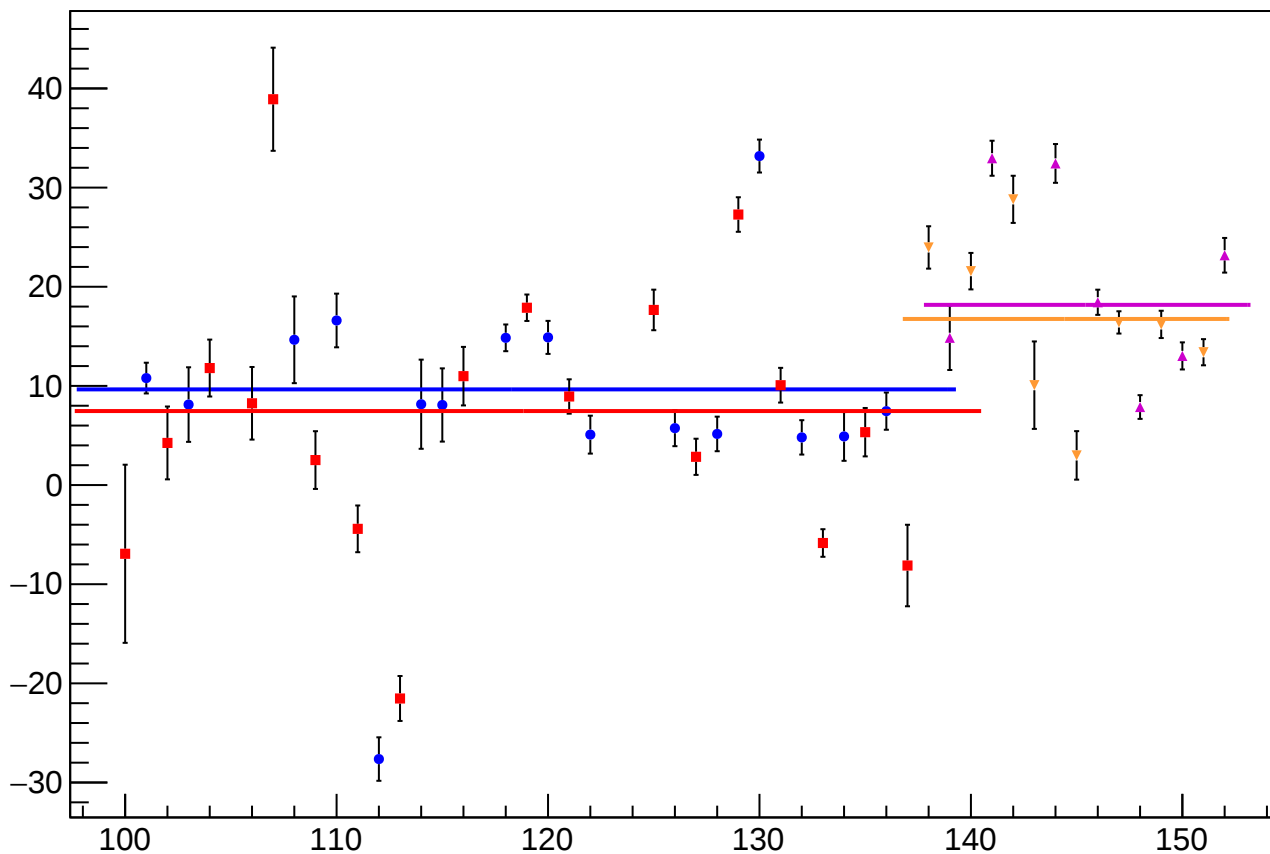
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 37.867 $\pm$ 0.538 χ^2 /NDF:3268.4/22

Out: 42.265 $\pm$ 0.552 χ^2 /NDF:3854.3/25

All: 40.008 $\pm$ 0.385 χ^2 /NDF: 7155.3/48

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 16.752 ± 0.597 $\chi^2/\text{NDF}: 84.7/7$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.174 ± 0.591 $\chi^2/\text{NDF}: 220.9/6$

Left: 17.470 ± 0.420 $\chi^2/\text{NDF}: 308.4/14$

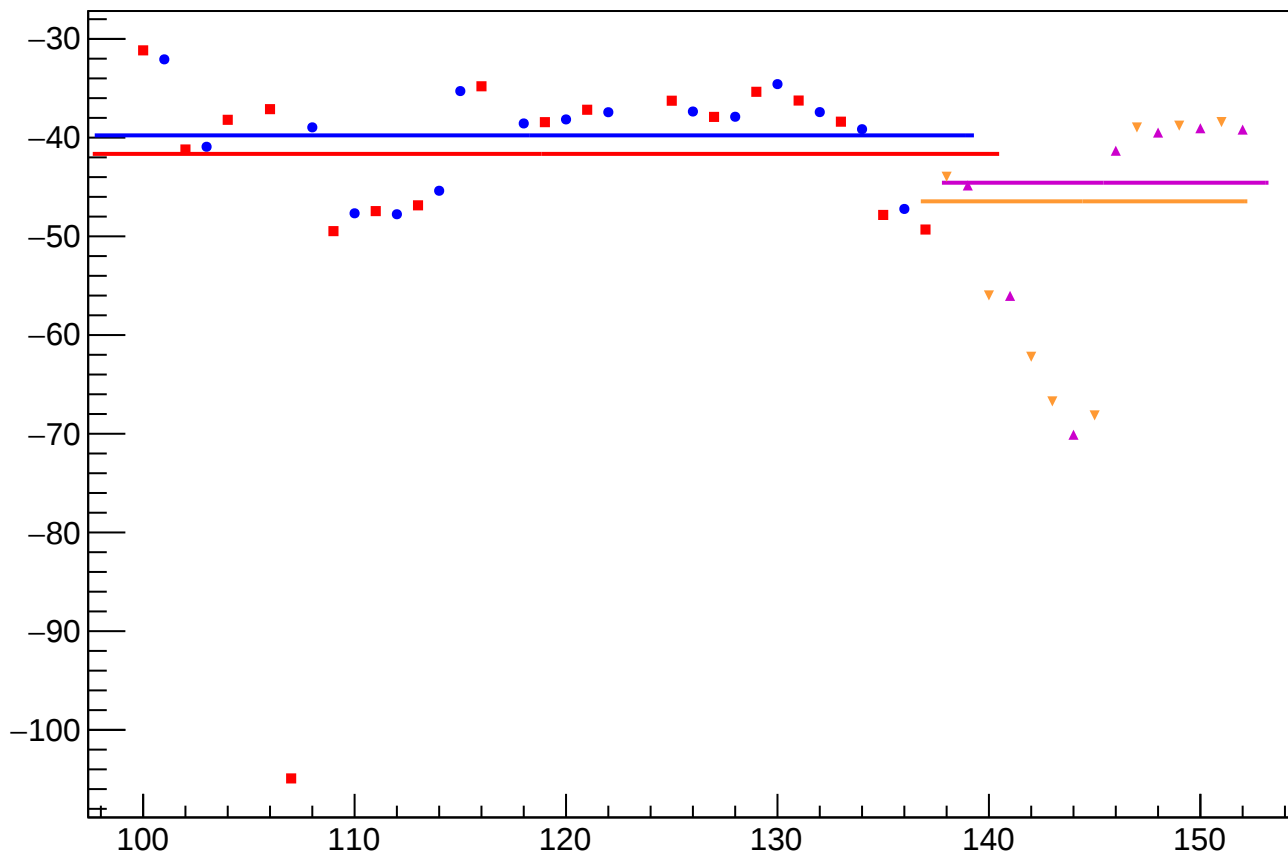
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 13.218 ± 0.383 $\chi^2/\text{NDF}: 895.2/22$

Out: 11.431 ± 0.390 $\chi^2/\text{NDF}: 790.2/25$

All: 12.342 ± 0.273 $\chi^2/\text{NDF}: 1696.1/48$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -46.454 ± 0.031 χ^2/NDF : 113111.0/7

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -44.568 ± 0.029 χ^2/NDF : 90351.4/6

Left: -45.446 ± 0.021 χ^2/NDF : 205394.9/14

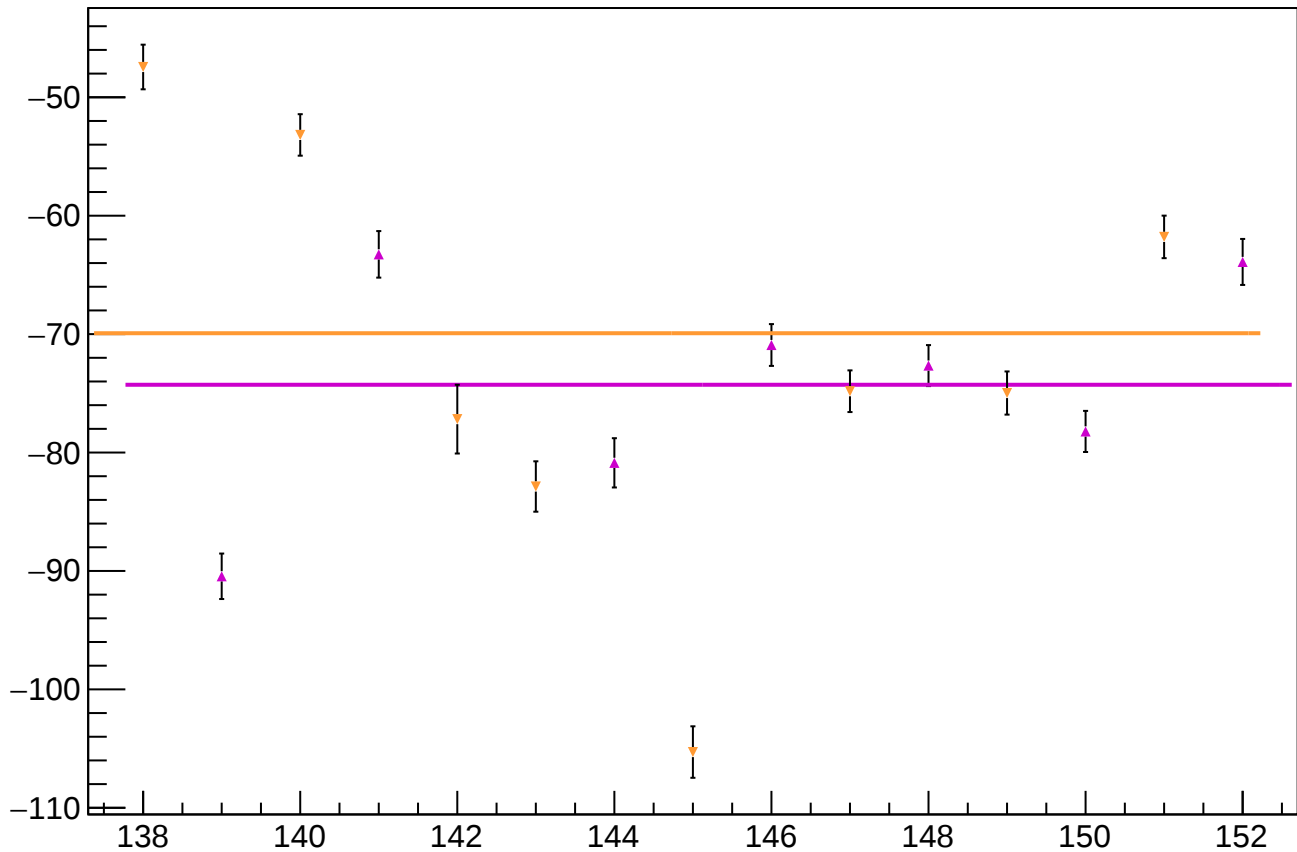
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -42.316 ± 0.021 χ^2/NDF : 129146.3/22

Out: -44.038 ± 0.022 χ^2/NDF : 219433.1/25

All: -43.145 ± 0.015 χ^2/NDF : 351722.7/48

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -69.924 ± 0.691 χ^2/NDF : 577.5/7

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -74.277 ± 0.705 χ^2/NDF : 150.6/6

Left: -72.058 ± 0.494 χ^2/NDF : 747.5/14

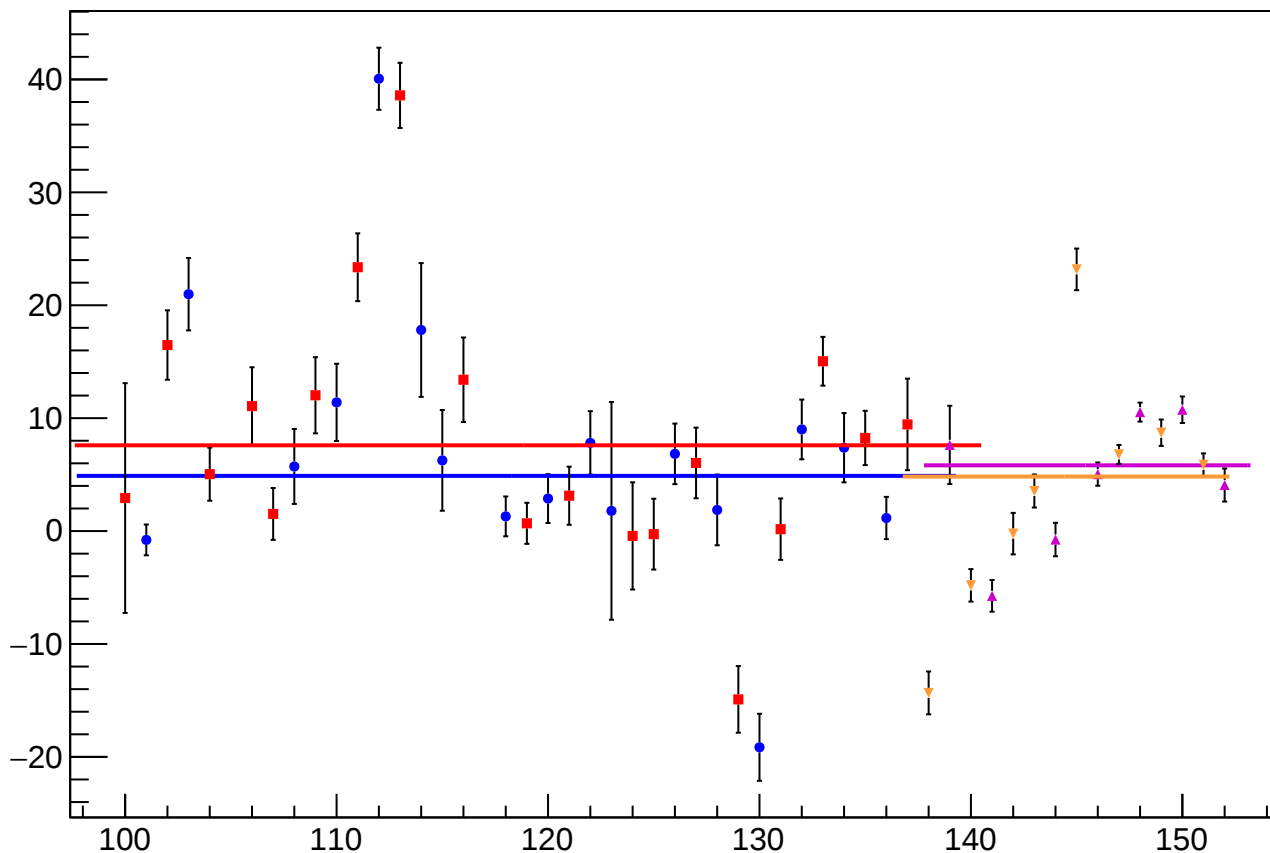
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -74.277 ± 0.705 χ^2/NDF : 150.6/6

Out: -69.924 ± 0.691 χ^2/NDF : 577.5/7

All: -72.058 ± 0.494 χ^2/NDF : 747.5/14

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.827 ± 0.449 χ^2/NDF : 272.0/7

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 5.823 ± 0.466 χ^2/NDF : 139.0/6

Left: 5.306 ± 0.323 χ^2/NDF : 413.3/14

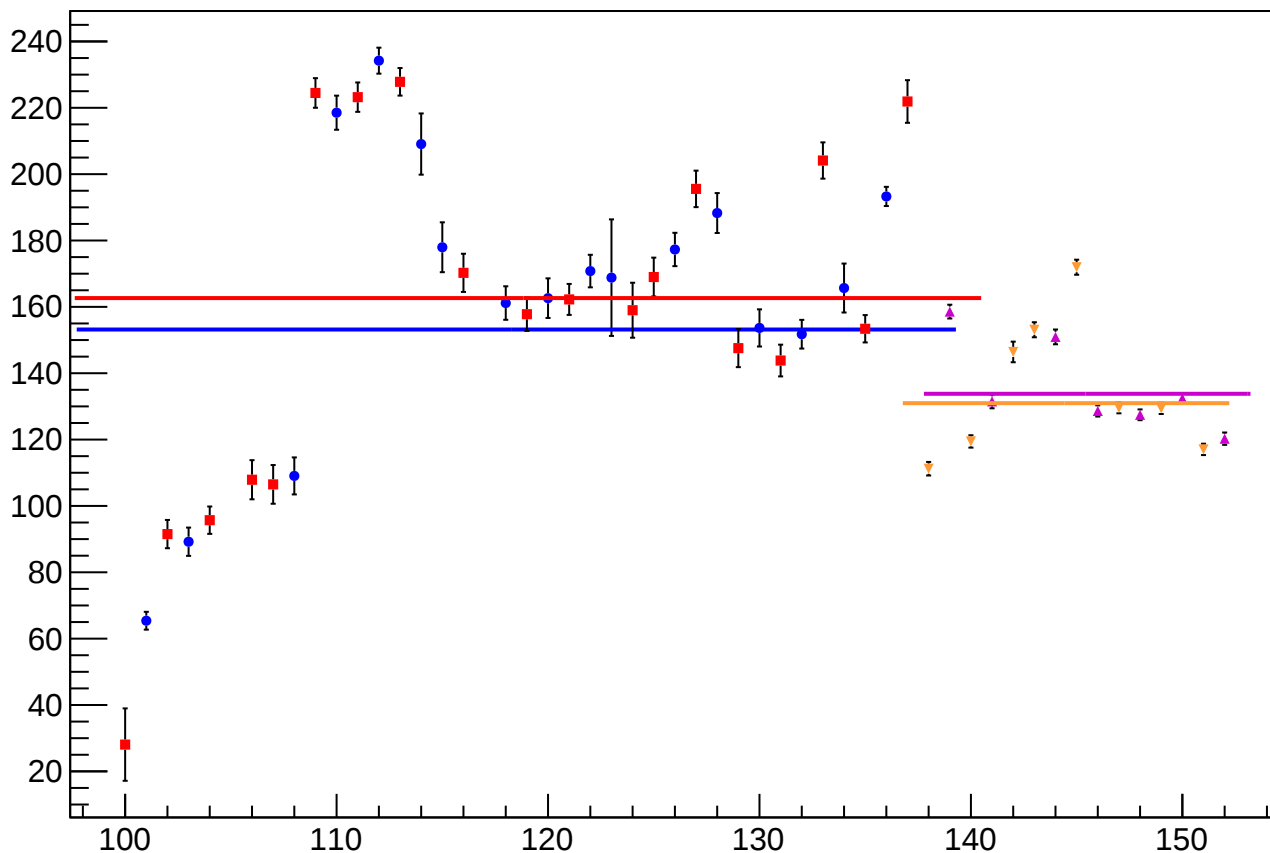
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 5.487 ± 0.373 χ^2/NDF : 435.2/23

Out: 5.719 ± 0.369 χ^2/NDF : 553.7/26

All: 5.604 ± 0.262 χ^2/NDF : 989.0/50

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: 130.976 $\pm$ 0.694 χ^2 /NDF:644.9/7

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 133.804 $\pm$ 0.696 χ^2 /NDF:280.9/6

Left: 132.386 $\pm$ 0.492 χ^2 /NDF: 934.1/14

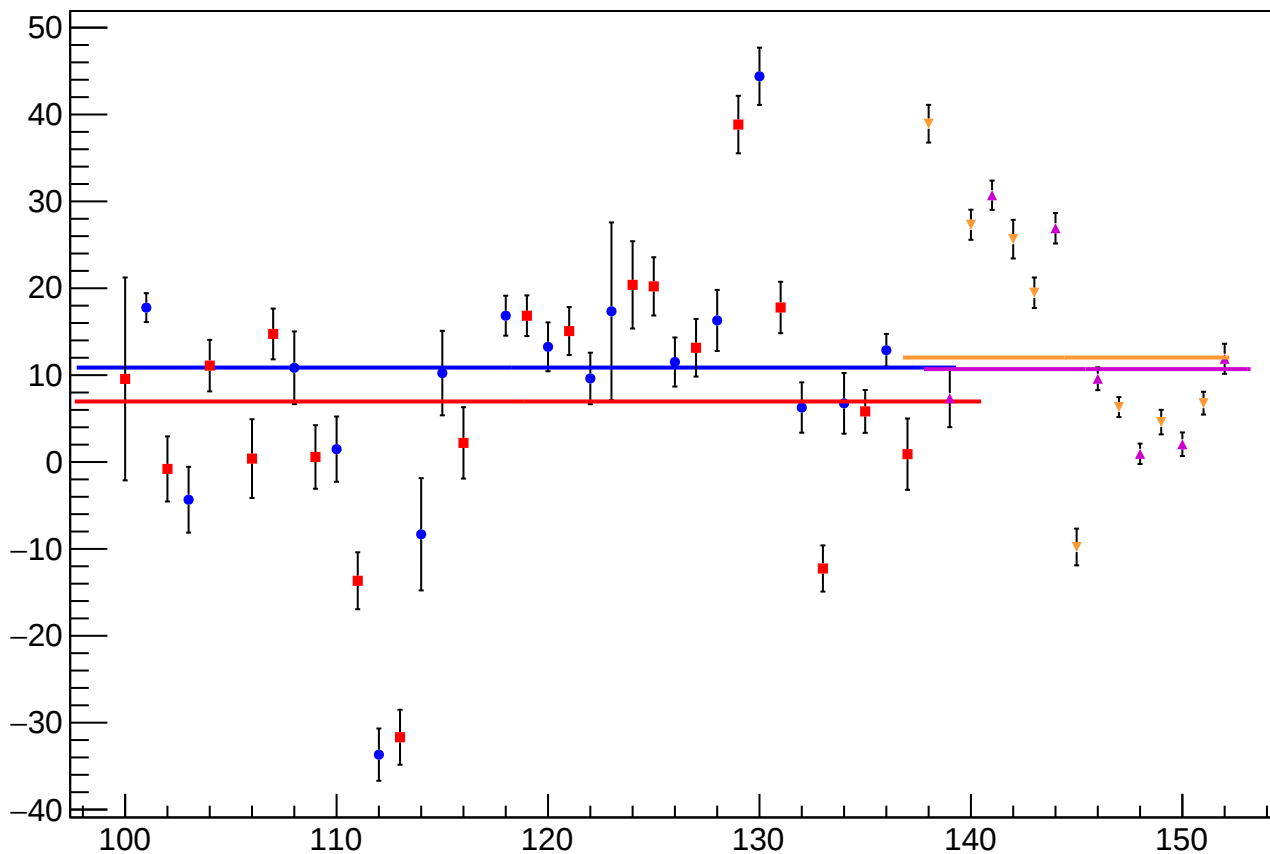
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 139.025 $\pm$ 0.595 χ^2 /NDF:2753.7/23

Out: 139.163 $\pm$ 0.598 χ^2 /NDF:2891.3/26

All: 139.094 $\pm$ 0.422 χ^2 /NDF: 5645.0/50

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 12.027 $\pm$ 0.565 χ^2 /NDF: 461.8/7

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 10.693 $\pm$ 0.583 χ^2 /NDF: 337.4/6

Left: 11.381 $\pm$ 0.406 χ^2 /NDF: 801.9/14

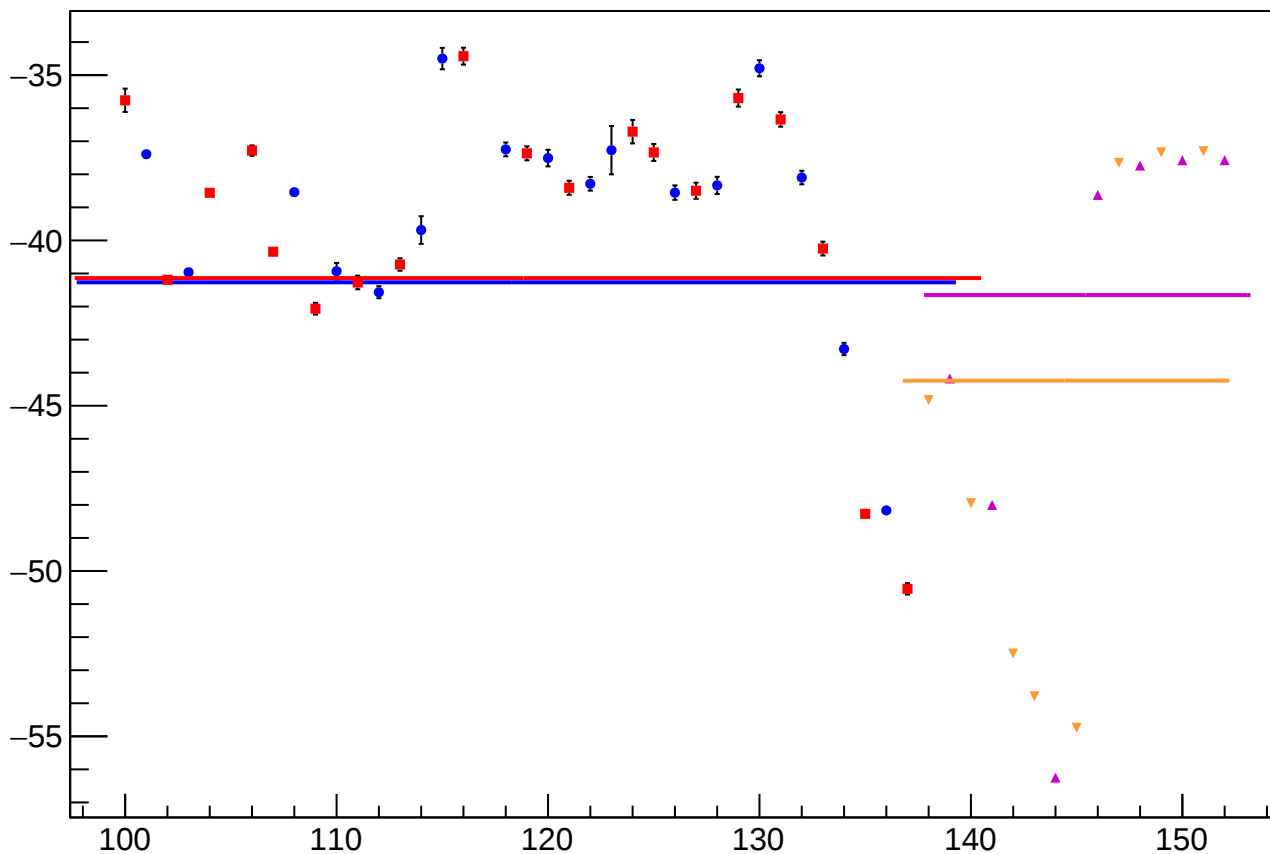
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 10.765 $\pm$ 0.452 χ^2 /NDF: 724.2/23

Out: 10.189 $\pm$ 0.451 χ^2 /NDF: 913.3/26

All: 10.476 $\pm$ 0.319 χ^2 /NDF: 1638.2/50

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -44.242 $\pm$ 0.030 χ^2 /NDF: 55830.4/7

Right Out: -41.139 $\pm$ 0.039 χ^2 /NDF: 12242.4/18

Left In: -41.653 $\pm$ 0.029 χ^2 /NDF: 40472.2/6

Left: -42.920 $\pm$ 0.021 χ^2 /NDF: 100215.9/14

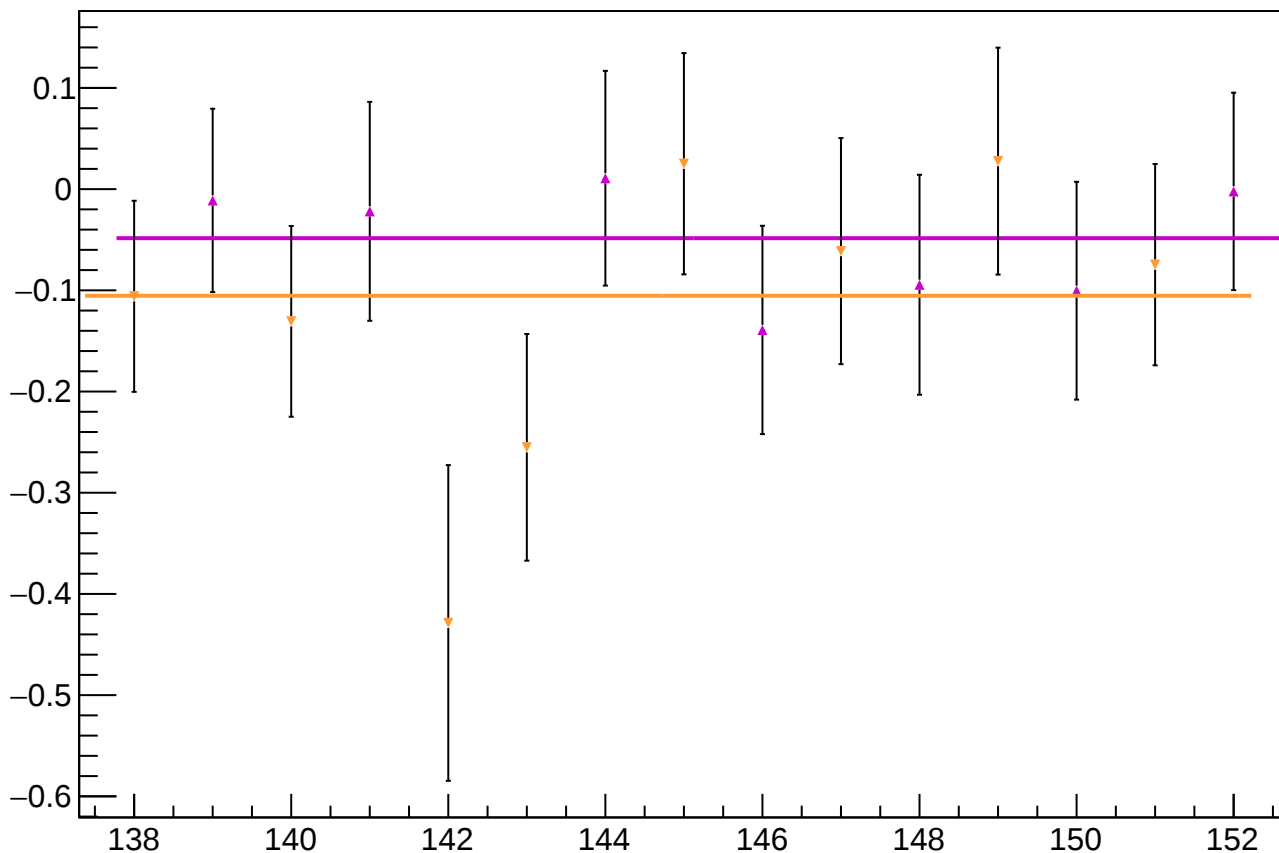
Right: -41.203 $\pm$ 0.027 χ^2 /NDF: 24829.7/35

In: -41.513 $\pm$ 0.023 χ^2 /NDF: 53118.0/23

Out: -43.095 $\pm$ 0.023 χ^2 /NDF: 72143.3/26

All: -42.293 $\pm$ 0.016 χ^2 /NDF: 127562.1/50

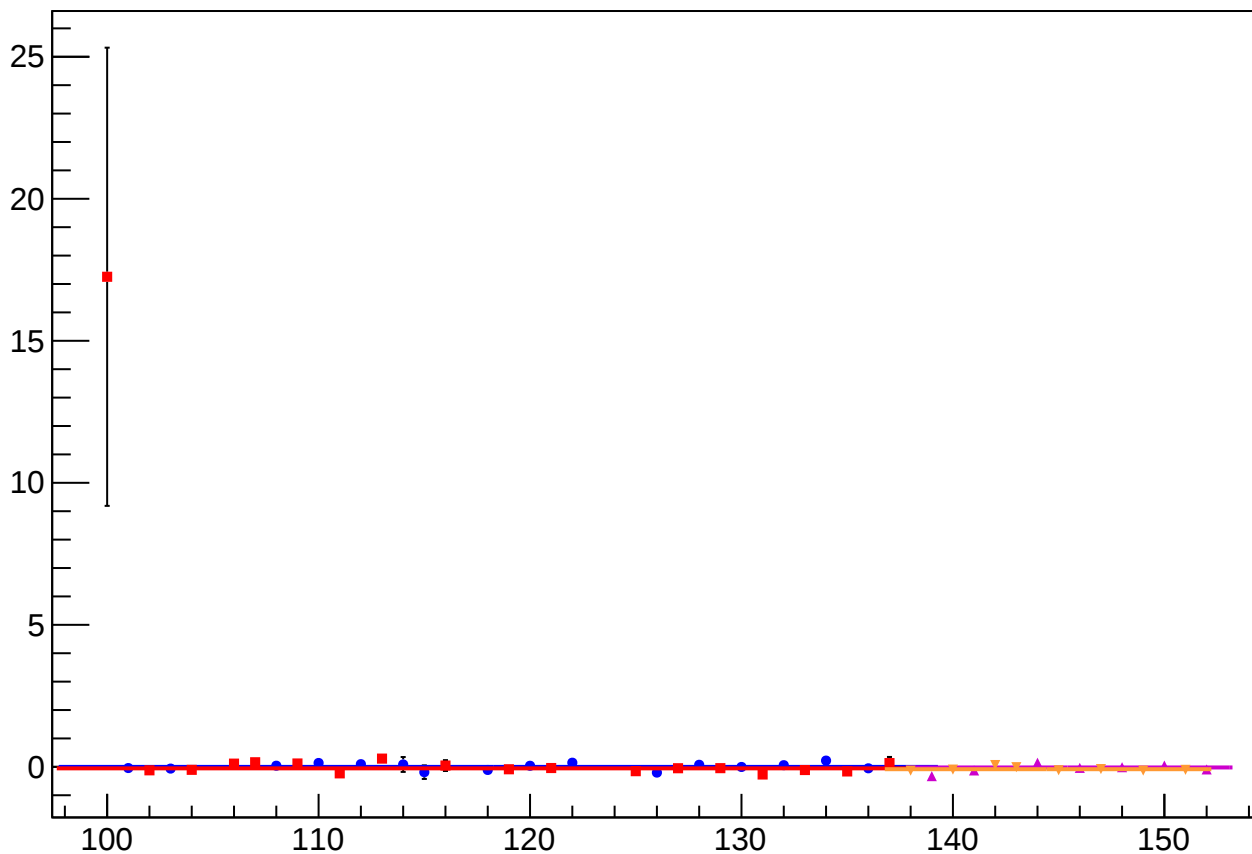
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.105+/-0.038 χ^2/NDF : 9.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.048+/-0.039 χ^2/NDF : 2.0/6

Left: -0.077+/-0.027 χ^2/NDF : 12.3/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.048+/-0.039 χ^2/NDF : 2.0/6
 Out: -0.105+/-0.038 χ^2/NDF : 9.2/7
 All: -0.077+/-0.027 χ^2/NDF : 12.3/14

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.083 ± 0.026 χ^2/NDF : 4.1/7

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.022 ± 0.027 χ^2/NDF : 11.9/6

Left: -0.054 ± 0.019 χ^2/NDF : 18.7/14

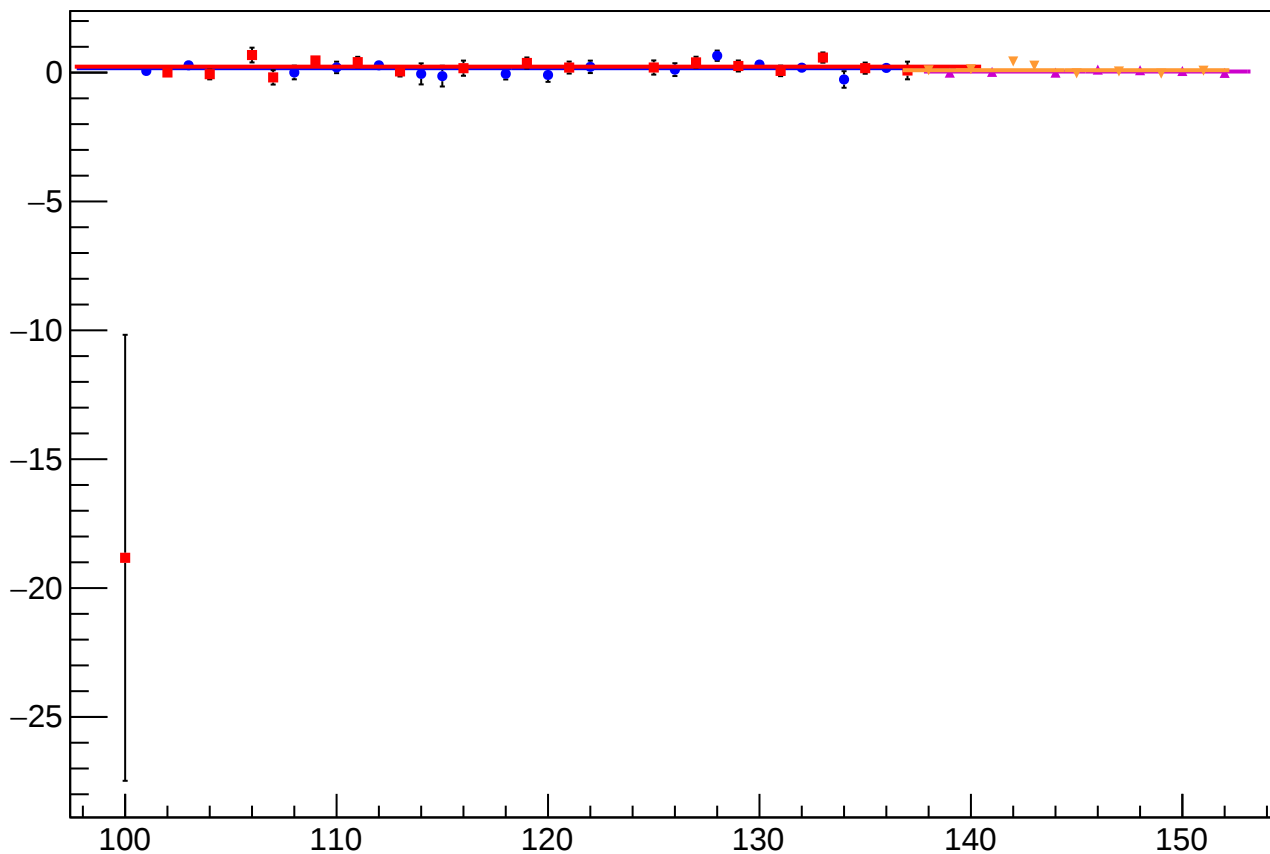
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.012 ± 0.020 χ^2/NDF : 24.3/22

Out: -0.070 ± 0.019 χ^2/NDF : 30.2/25

All: -0.041 ± 0.014 χ^2/NDF : 58.9/48

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: 0.091 $\pm$ 0.039 χ^2 /NDF:9.4/7

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.041 $\pm$ 0.039 χ^2 /NDF:1.6/6

Left: 0.066 $\pm$ 0.027 χ^2 /NDF: 11.9/14

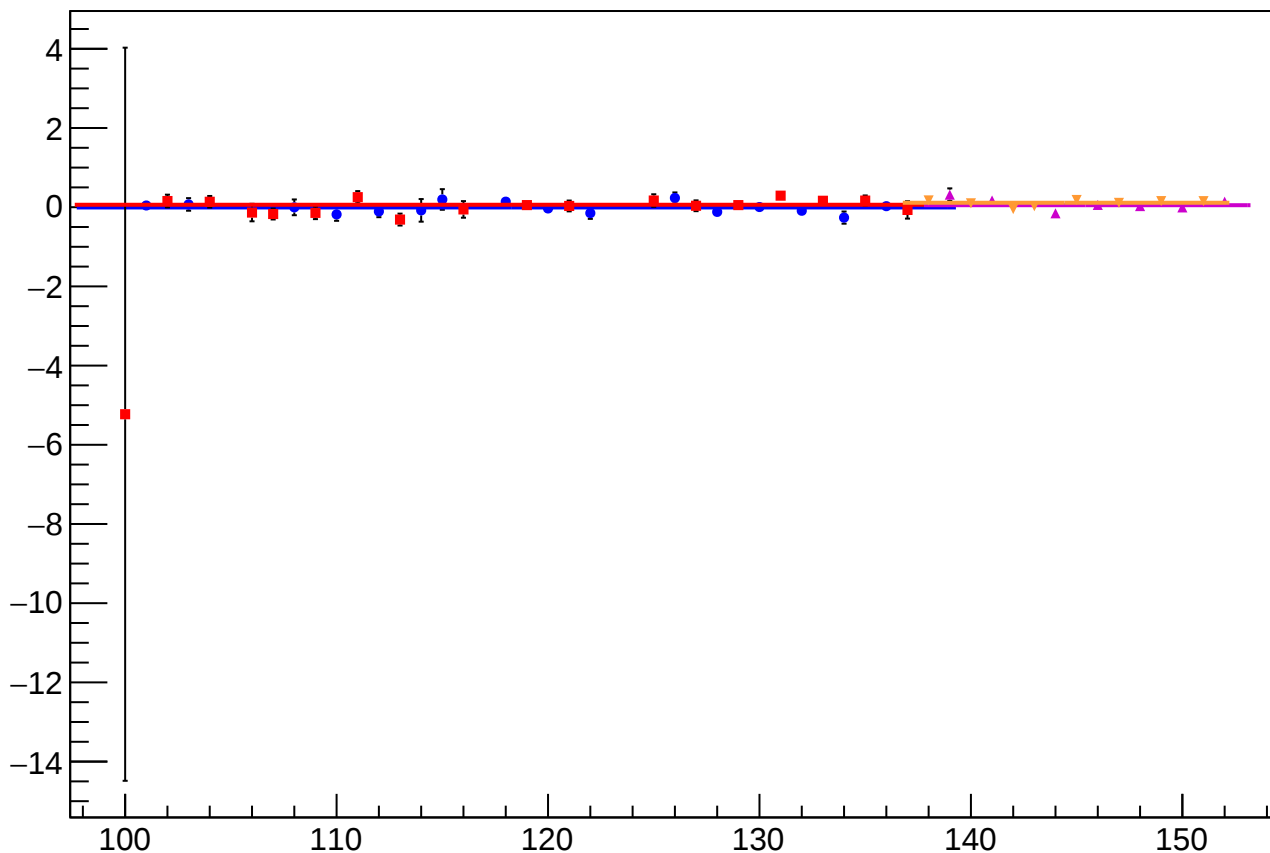
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.087 $\pm$ 0.031 χ^2 /NDF:18.5/22

Out: 0.138 $\pm$ 0.031 χ^2 /NDF:35.4/25

All: 0.112 $\pm$ 0.022 χ^2 /NDF: 55.3/48

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.112 ± 0.032 χ^2/NDF : 3.9/7

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.050 ± 0.033 χ^2/NDF : 11.2/6

Left: 0.082 ± 0.023 χ^2/NDF : 17.0/14

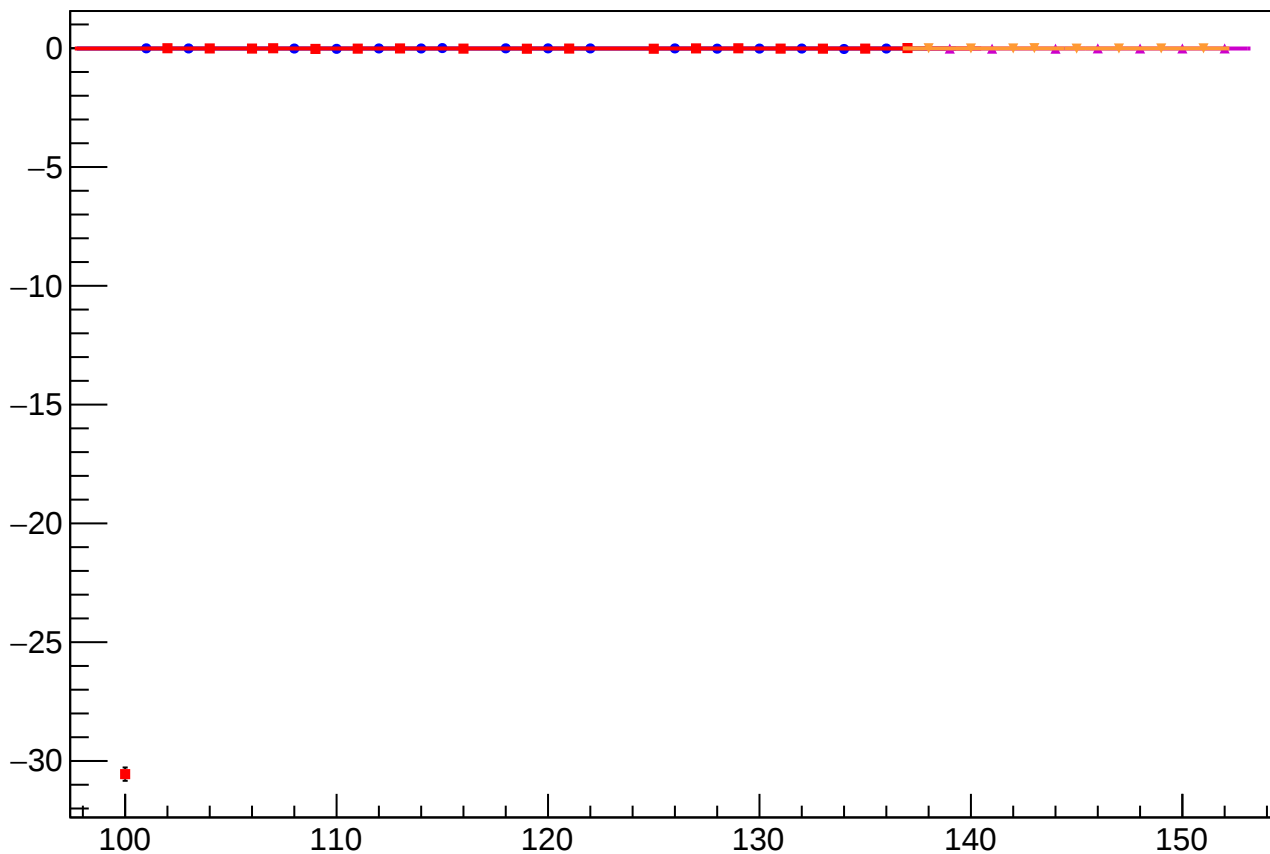
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.021 ± 0.023 χ^2/NDF : 25.9/22

Out: 0.088 ± 0.023 χ^2/NDF : 25.4/25

All: 0.055 ± 0.016 χ^2/NDF : 55.5/48

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:12.7/7

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.012 $\pm$ 0.002 χ^2 /NDF:7.9/6

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 25.1/14

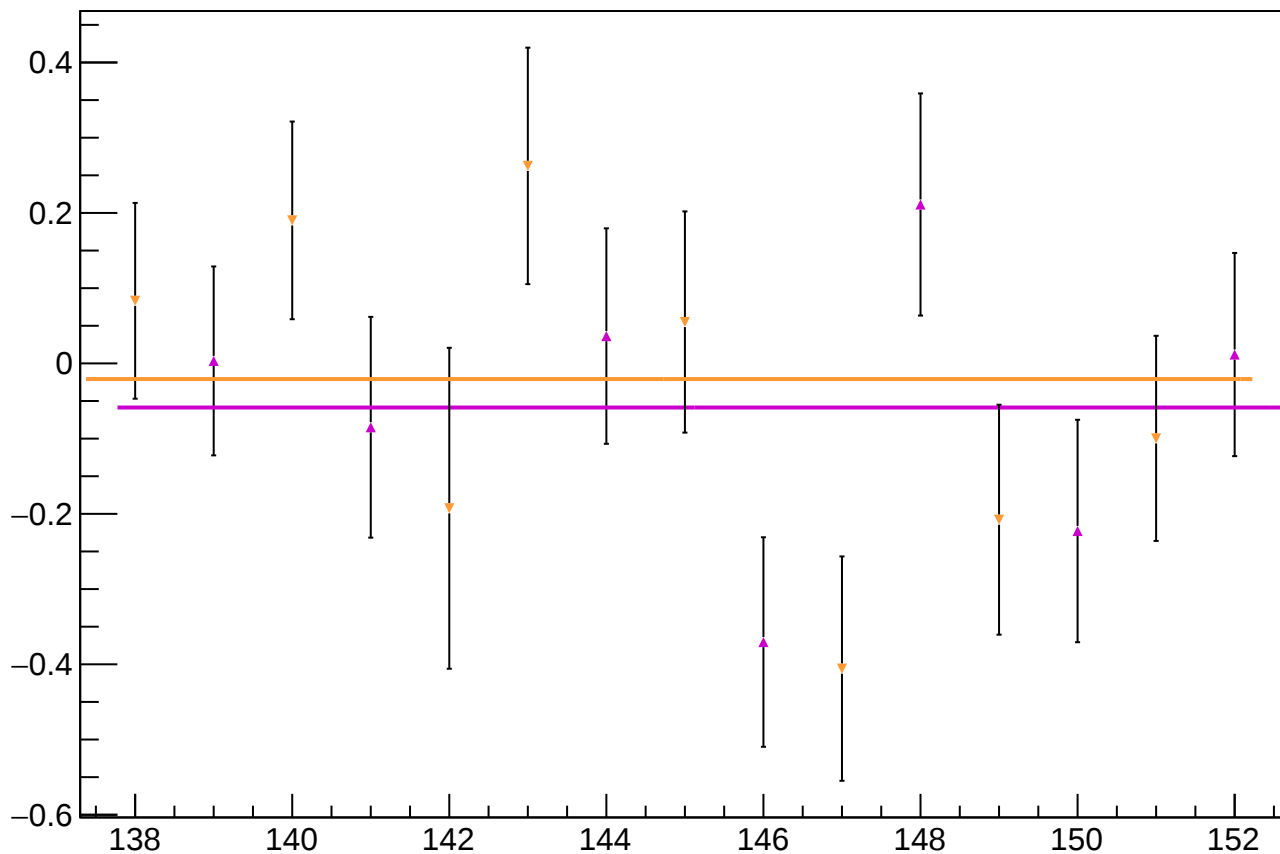
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.012 $\pm$ 0.001 χ^2 /NDF:20.8/22

Out: -0.010 $\pm$ 0.001 χ^2 /NDF:11906.5/25

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11929.6/48

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.021 $\pm$ 0.052 χ^2 /NDF:15.9/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.059 $\pm$ 0.053 χ^2 /NDF:10.6/6

Left: -0.039 $\pm$ 0.037 χ^2 /NDF: 26.7/14

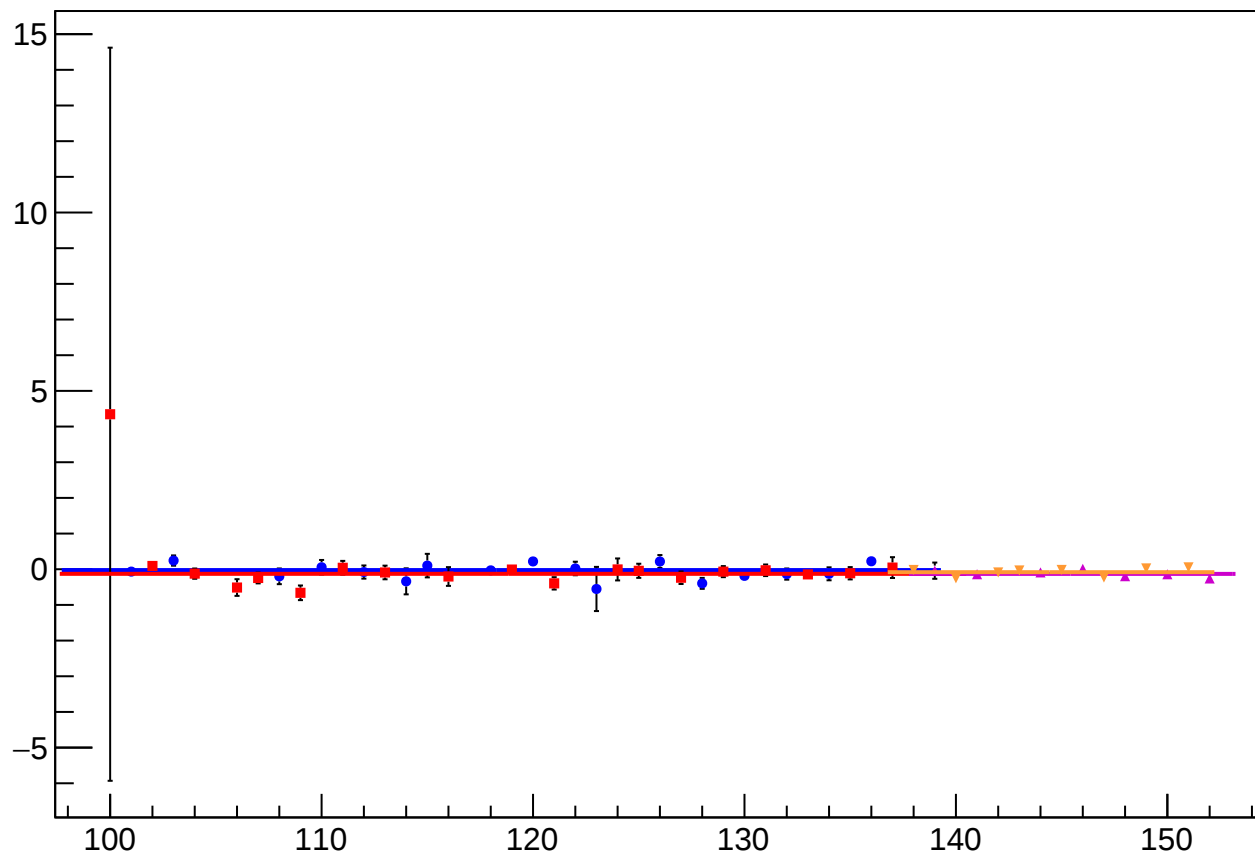
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.059 $\pm$ 0.053 χ^2 /NDF:10.6/6

Out: -0.021 $\pm$ 0.052 χ^2 /NDF:15.9/7

All: -0.039 $\pm$ 0.037 χ^2 /NDF: 26.7/14

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.082 ± 0.035 χ^2/NDF : 11.9/7

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.130 ± 0.037 χ^2/NDF : 5.7/6

Left: -0.105 ± 0.025 χ^2/NDF : 18.5/14

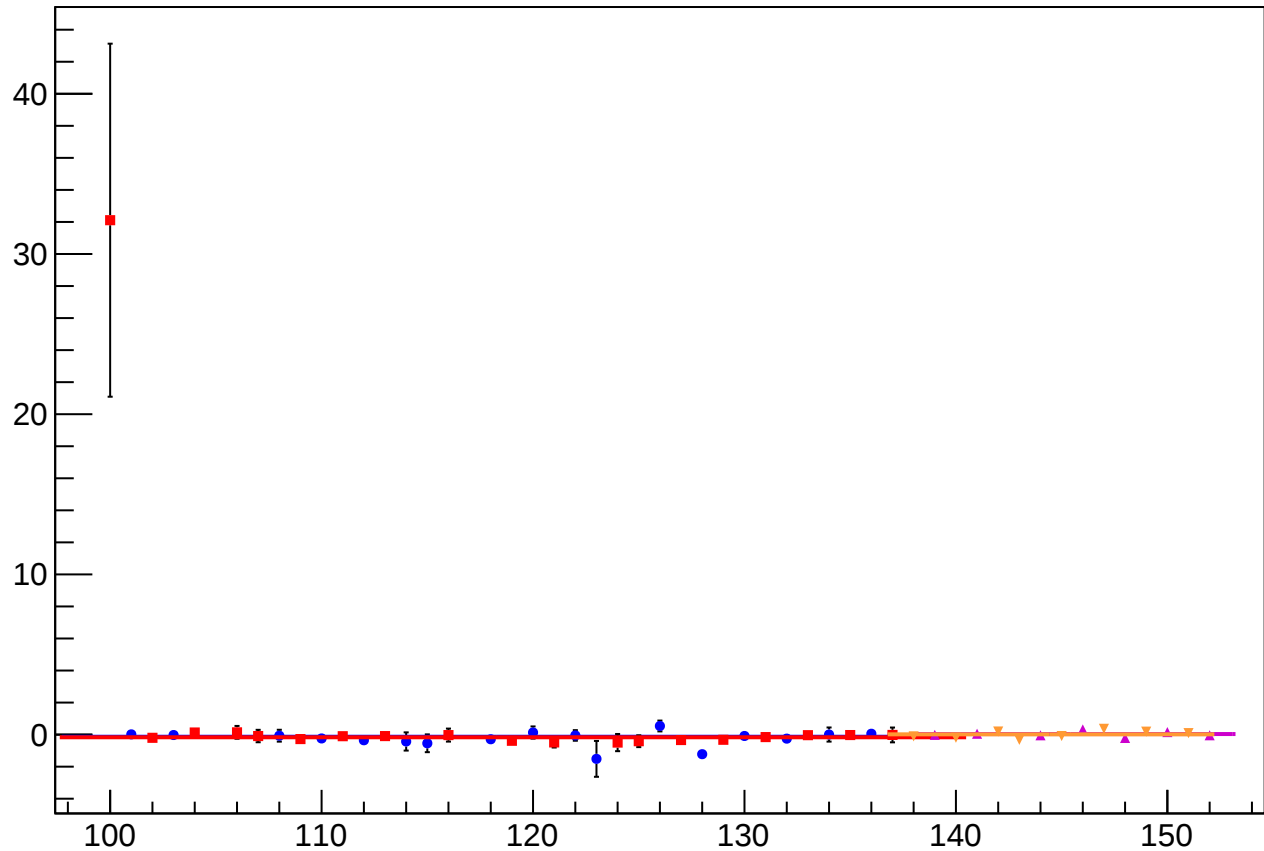
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.076 ± 0.026 χ^2/NDF : 32.4/23

Out: -0.103 ± 0.026 χ^2/NDF : 31.4/26

All: -0.090 ± 0.018 χ^2/NDF : 64.4/50

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.017 ± 0.053 $\chi^2/\text{NDF}: 16.2/7$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.036 ± 0.053 $\chi^2/\text{NDF}: 9.3/6$

Left: 0.027 ± 0.037 $\chi^2/\text{NDF}: 25.6/14$

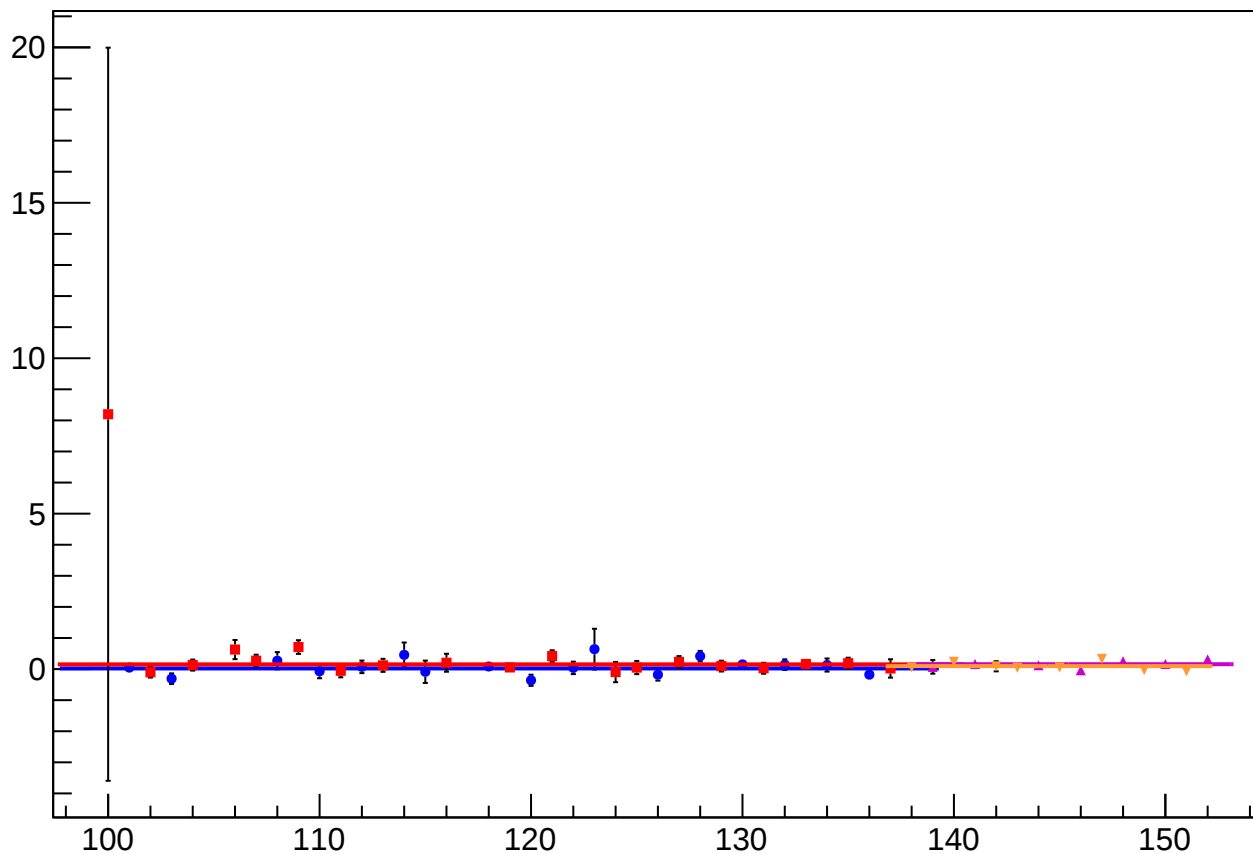
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.029 ± 0.041 $\chi^2/\text{NDF}: 39.0/23$

Out: -0.048 ± 0.042 $\chi^2/\text{NDF}: 35.2/26$

All: -0.038 ± 0.030 $\chi^2/\text{NDF}: 74.3/50$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.095+/-0.044 χ^2/NDF : 11.1/7

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.156+/-0.045 χ^2/NDF : 6.2/6

Left: 0.125+/-0.032 χ^2/NDF : 18.2/14

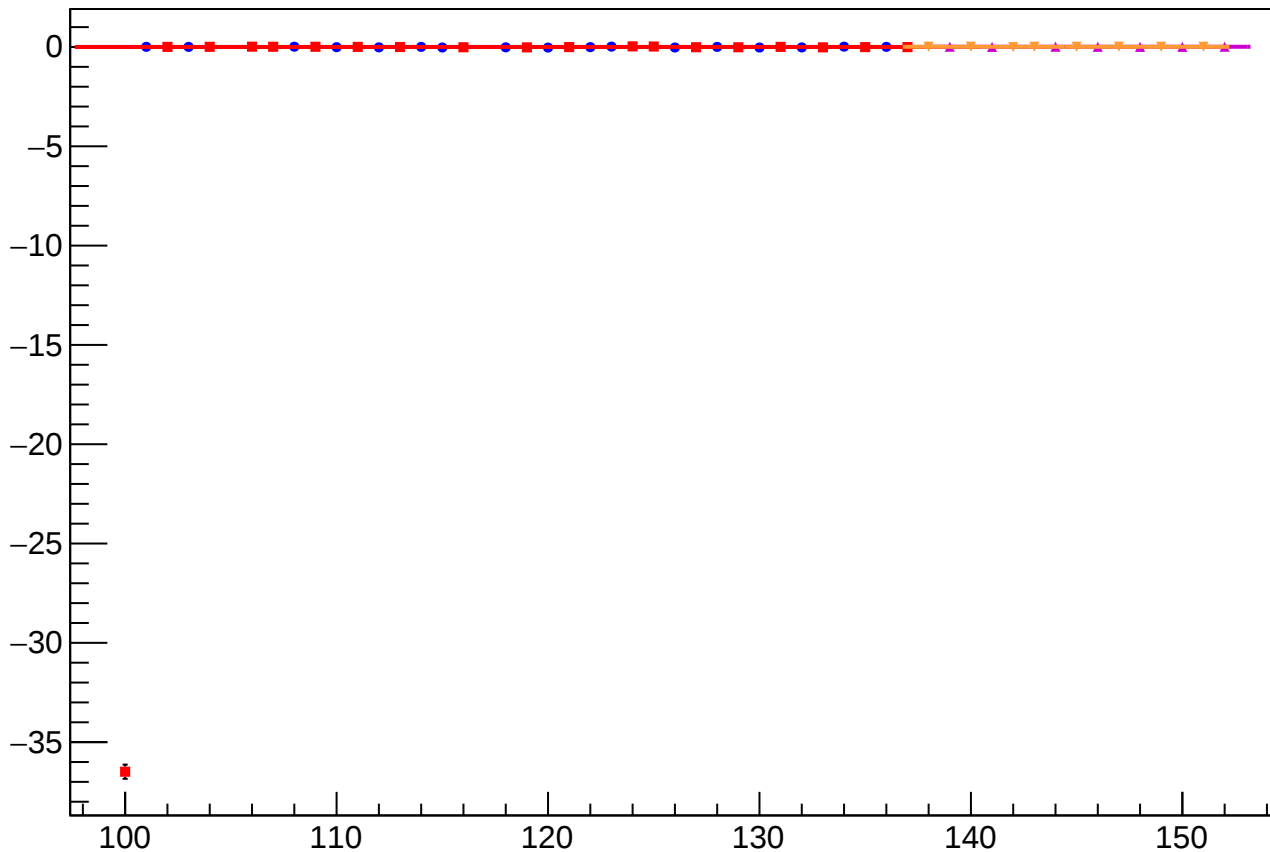
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.083+/-0.031 χ^2/NDF : 32.8/23

Out: 0.123+/-0.032 χ^2/NDF : 29.1/26

All: 0.102+/-0.022 χ^2/NDF : 62.8/50

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.5/7

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 3.0/6

Left: 0.011 $\pm$ 0.002 χ^2 /NDF: 7.5/14

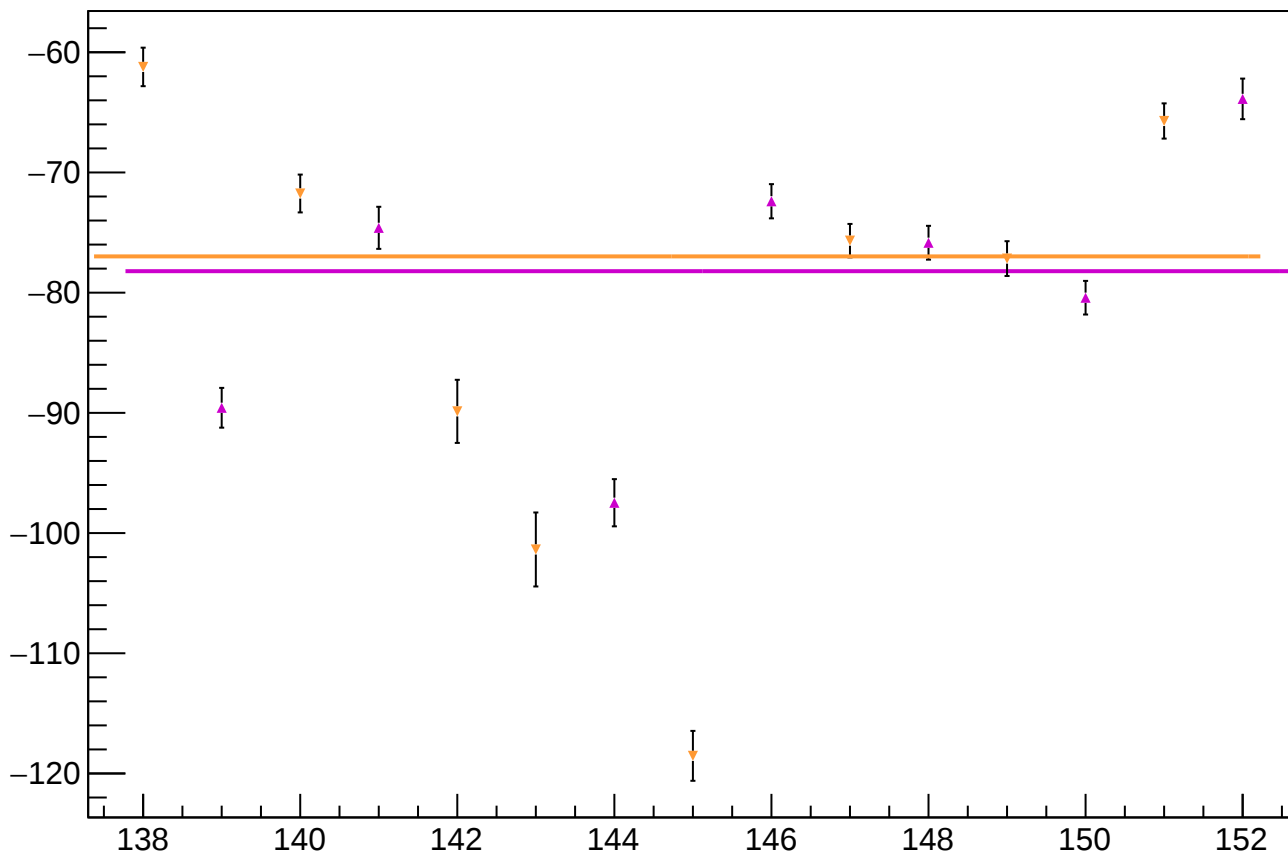
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.006 $\pm$ 0.002 χ^2 /NDF: 44.6/23

Out: 0.006 $\pm$ 0.002 χ^2 /NDF: 10463.2/26

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10507.8/50

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -76.983+/-0.604 χ^2/NDF :655.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.213+/-0.596 χ^2/NDF :241.7/6

Left: -77.606+/-0.425 χ^2/NDF : 899.3/14

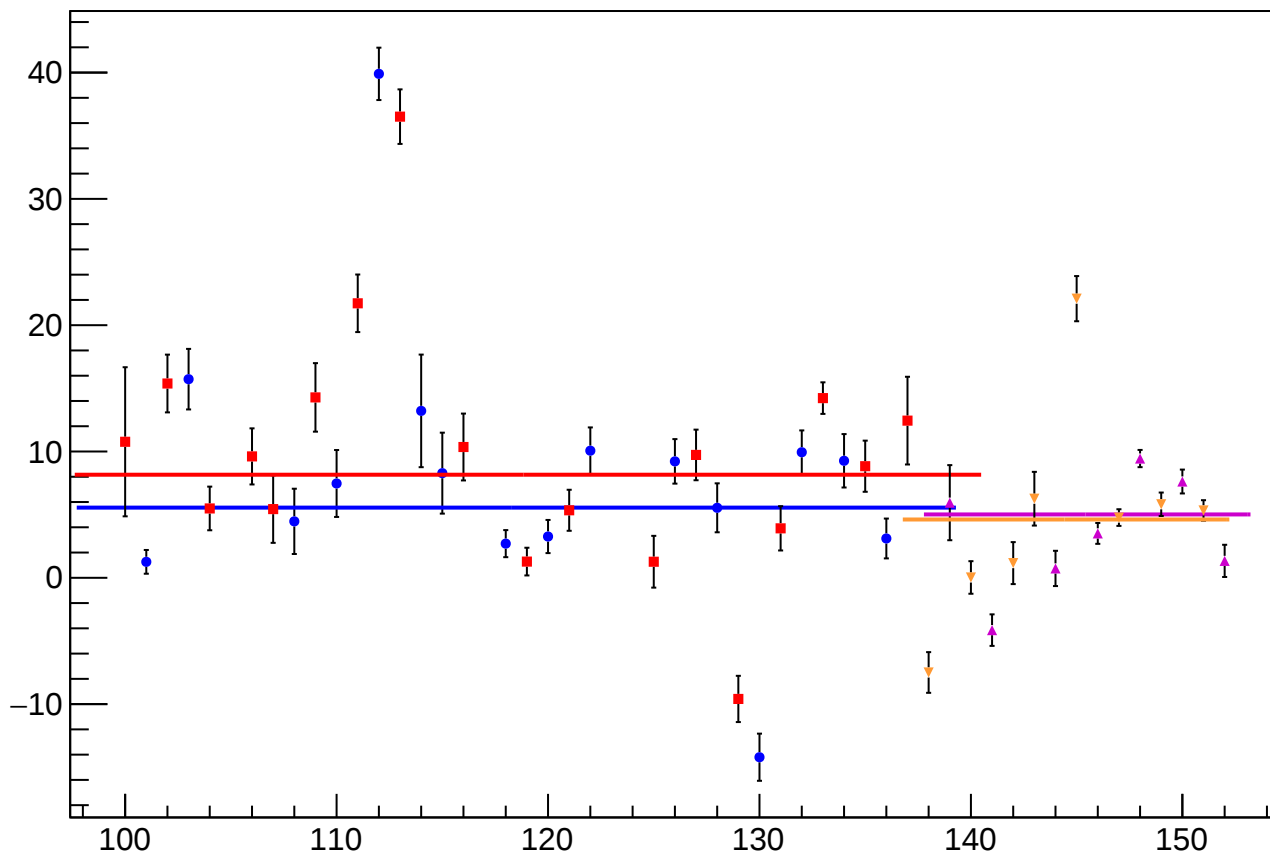
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.213+/-0.596 χ^2/NDF :241.7/6

Out: -76.983+/-0.604 χ^2/NDF :655.5/7

All: -77.606+/-0.425 χ^2/NDF : 899.3/14

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: 4.616 ± 0.381 χ^2/NDF : 172.2/7

Right Out: 8.162 ± 0.453 χ^2/NDF : 407.0/17

Left In: 5.017 ± 0.389 χ^2/NDF : 124.6/6

Left: 4.813 ± 0.272 χ^2/NDF : 297.4/14

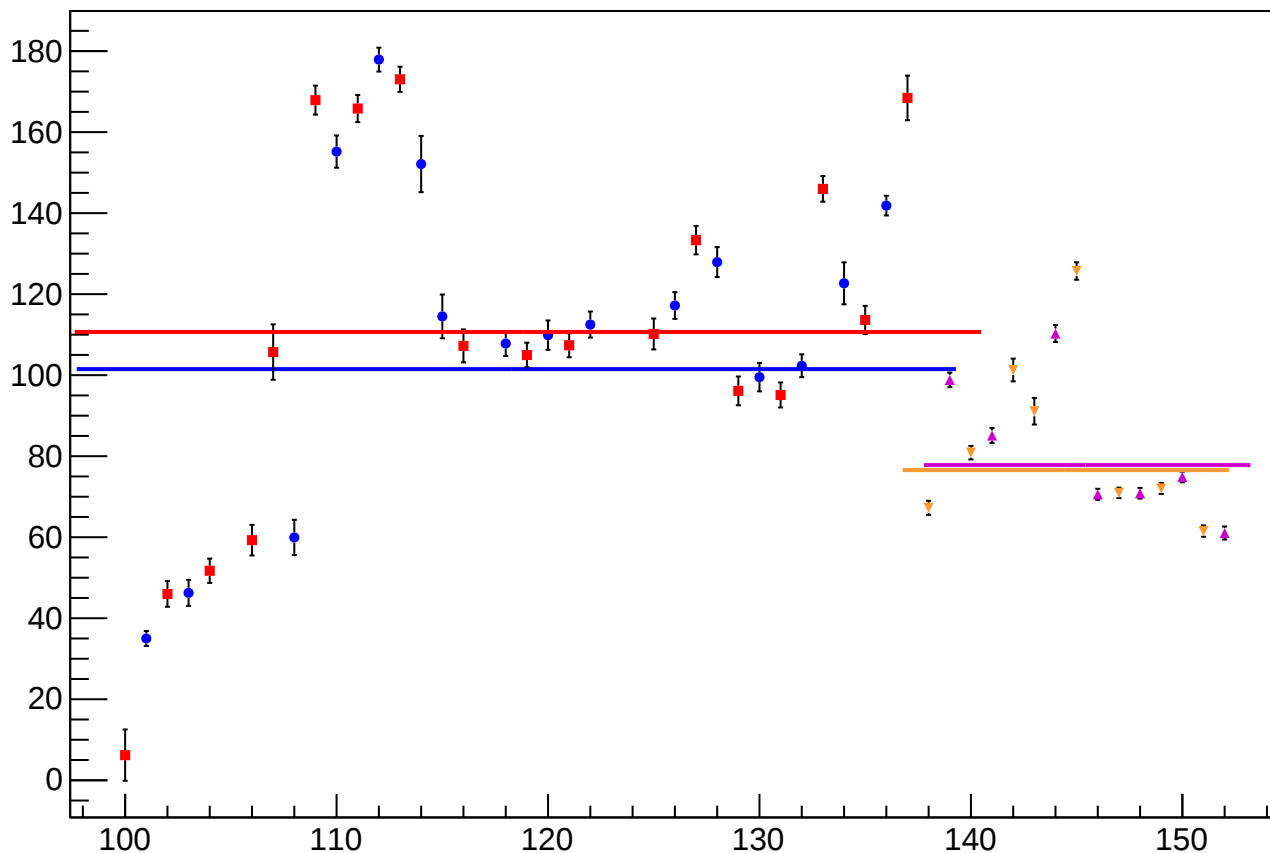
Right: 6.774 ± 0.310 χ^2/NDF : 886.6/33

In: 5.264 ± 0.287 χ^2/NDF : 587.5/22

Out: 6.087 ± 0.292 χ^2/NDF : 615.0/25

All: 5.668 ± 0.204 χ^2/NDF : 1206.6/48

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: 76.568 $\pm$ 0.600 χ^2 /NDF: 798.6/7

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 77.802 $\pm$ 0.586 χ^2 /NDF: 560.5/6

Left: 77.199 $\pm$ 0.419 χ^2 /NDF: 1361.3/14

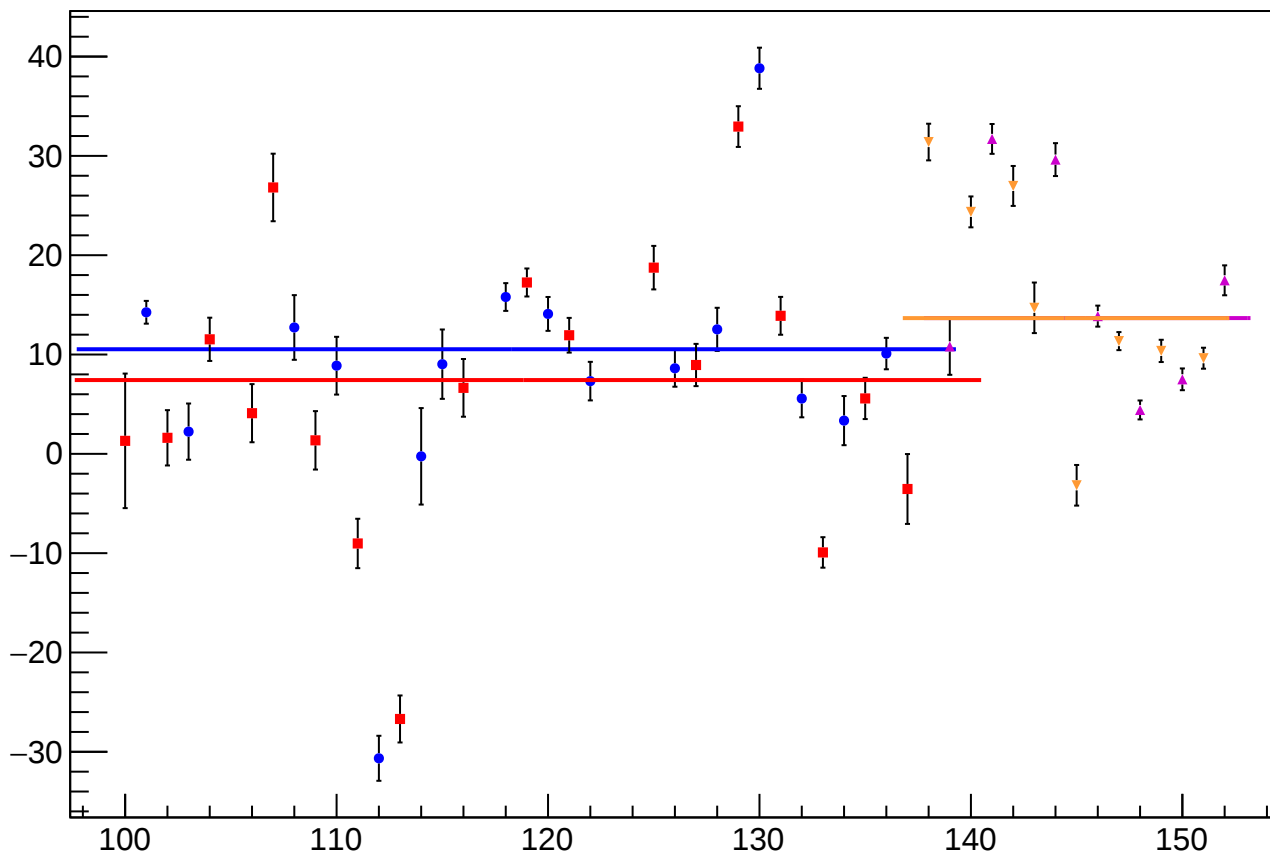
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 85.971 $\pm$ 0.475 χ^2 /NDF: 4096.6/22

Out: 88.175 $\pm$ 0.488 χ^2 /NDF: 4410.4/25

All: 87.043 $\pm$ 0.340 χ^2 /NDF: 8517.5/48

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: 13.666 $\pm$ 0.485 χ^2 /NDF: 281.0/7

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 13.670 $\pm$ 0.488 χ^2 /NDF: 370.1/6

Left: 13.668 $\pm$ 0.344 χ^2 /NDF: 651.1/14

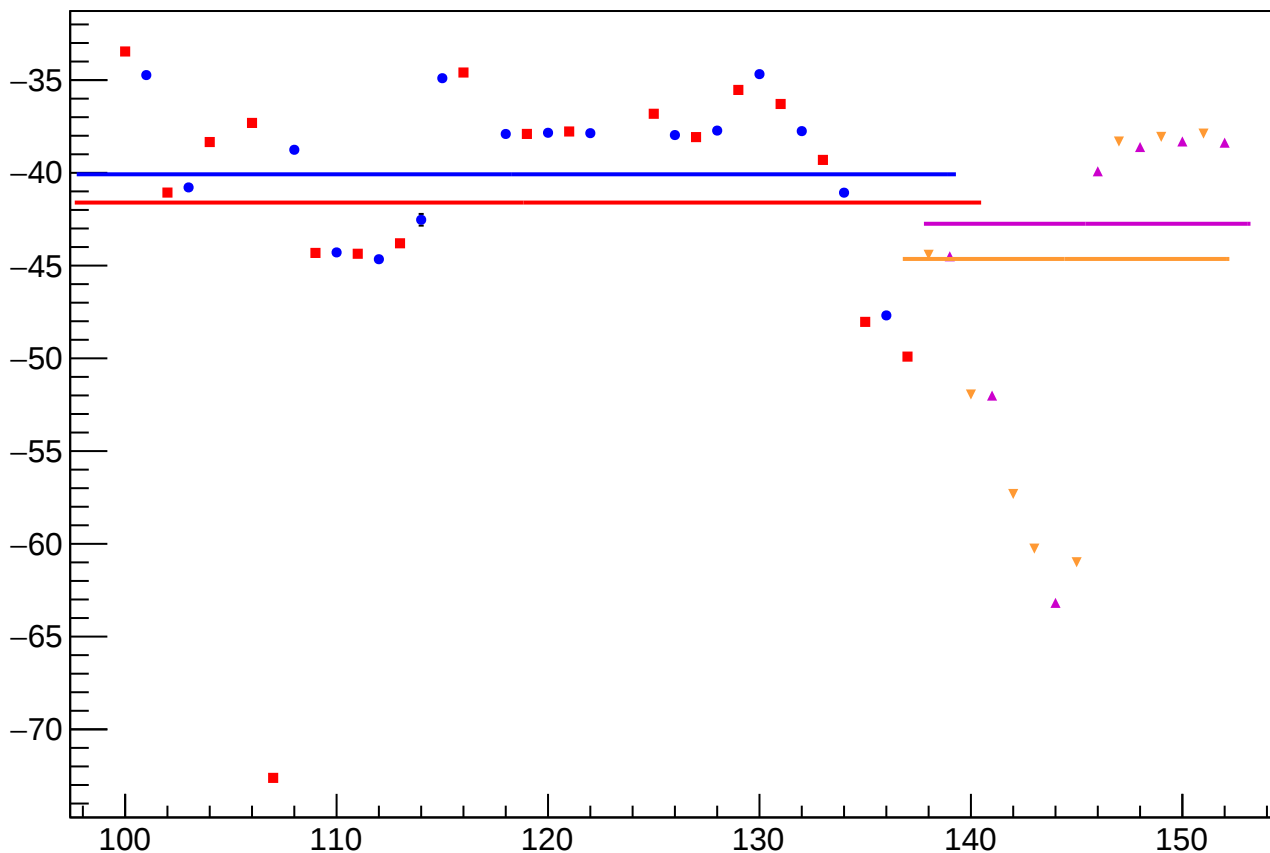
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.116 $\pm$ 0.347 χ^2 /NDF: 970.9/22

Out: 10.785 $\pm$ 0.356 χ^2 /NDF: 1043.1/25

All: 11.468 $\pm$ 0.248 χ^2 /NDF: 2021.2/48

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: -44.642 ± 0.026 χ^2/NDF : 108968.0/7

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -42.745 ± 0.024 χ^2/NDF : 83426.9/6

Left: -43.642 ± 0.018 χ^2/NDF : 195242.9/14

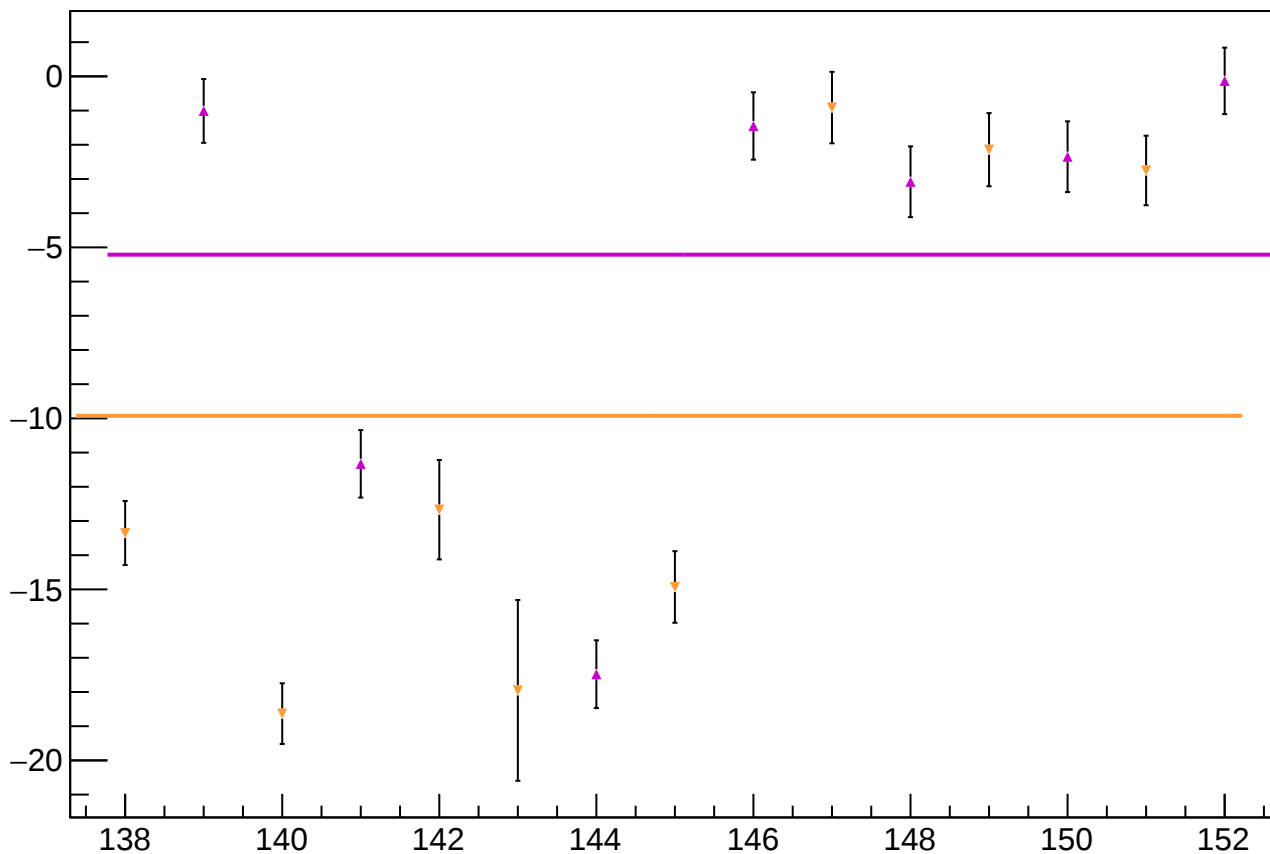
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.602 ± 0.018 χ^2/NDF : 113674.9/22

Out: -43.276 ± 0.019 χ^2/NDF : 177058.7/25

All: -42.410 ± 0.013 χ^2/NDF : 294691.5/48

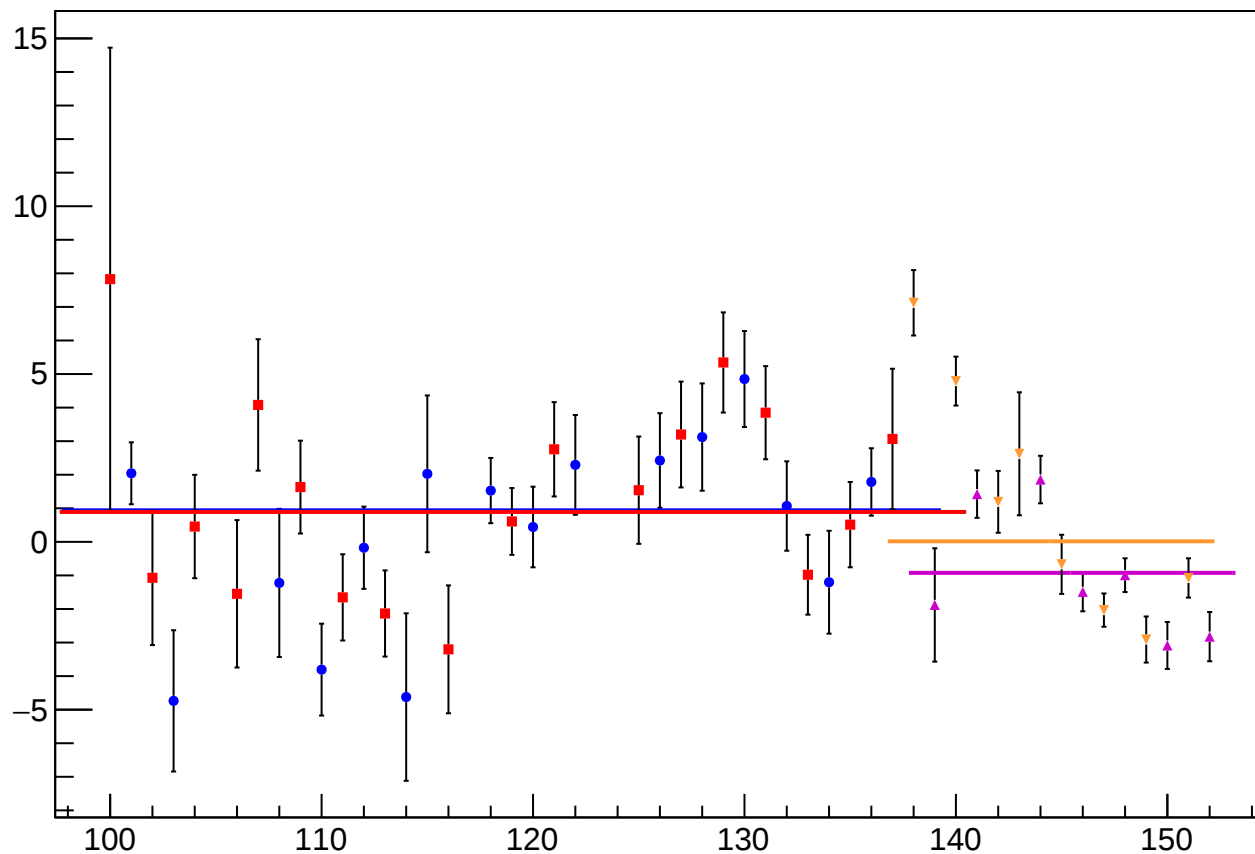
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.924+/-0.386 χ^2/NDF : 322.7/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.214+/-0.374 χ^2/NDF : 265.8/6

Left: -7.492+/-0.269 χ^2/NDF : 665.3/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.214+/-0.374 χ^2/NDF : 265.8/6
 Out: -9.924+/-0.386 χ^2/NDF : 322.7/7
 All: -7.492+/-0.269 χ^2/NDF : 665.3/14

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: 0.017 ± 0.260 $\chi^2/\text{NDF}: 139.1/7$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.924 ± 0.257 $\chi^2/\text{NDF}: 44.0/6$

Left: -0.459 ± 0.183 $\chi^2/\text{NDF}: 189.7/14$

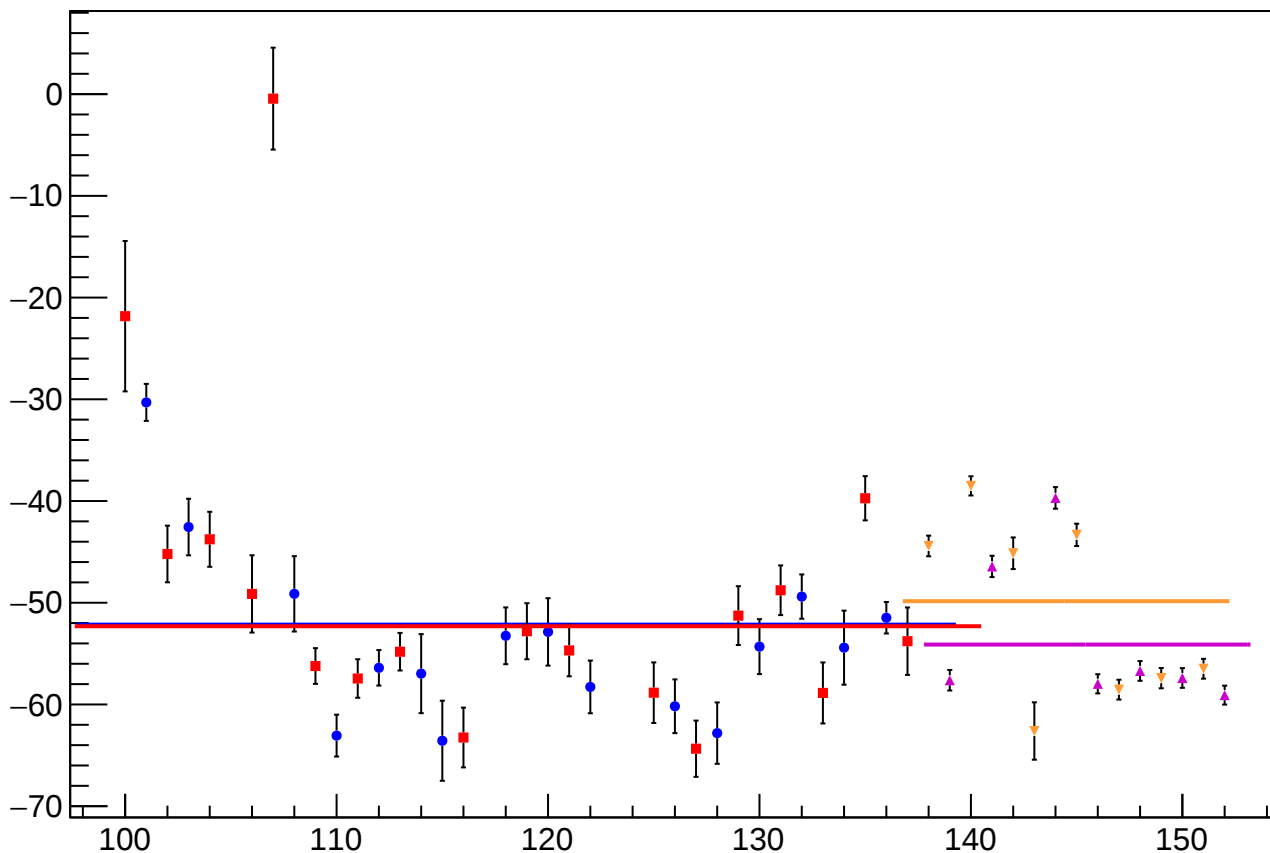
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.244 ± 0.205 $\chi^2/\text{NDF}: 105.4/22$

Out: 0.324 ± 0.209 $\chi^2/\text{NDF}: 184.6/25$

All: 0.033 ± 0.146 $\chi^2/\text{NDF}: 293.8/48$

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: -49.846 ± 0.390 χ^2/NDF : 420.8/7

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -54.111 ± 0.373 χ^2/NDF : 314.6/6

Left: -52.076 ± 0.270 χ^2/NDF : 797.9/14

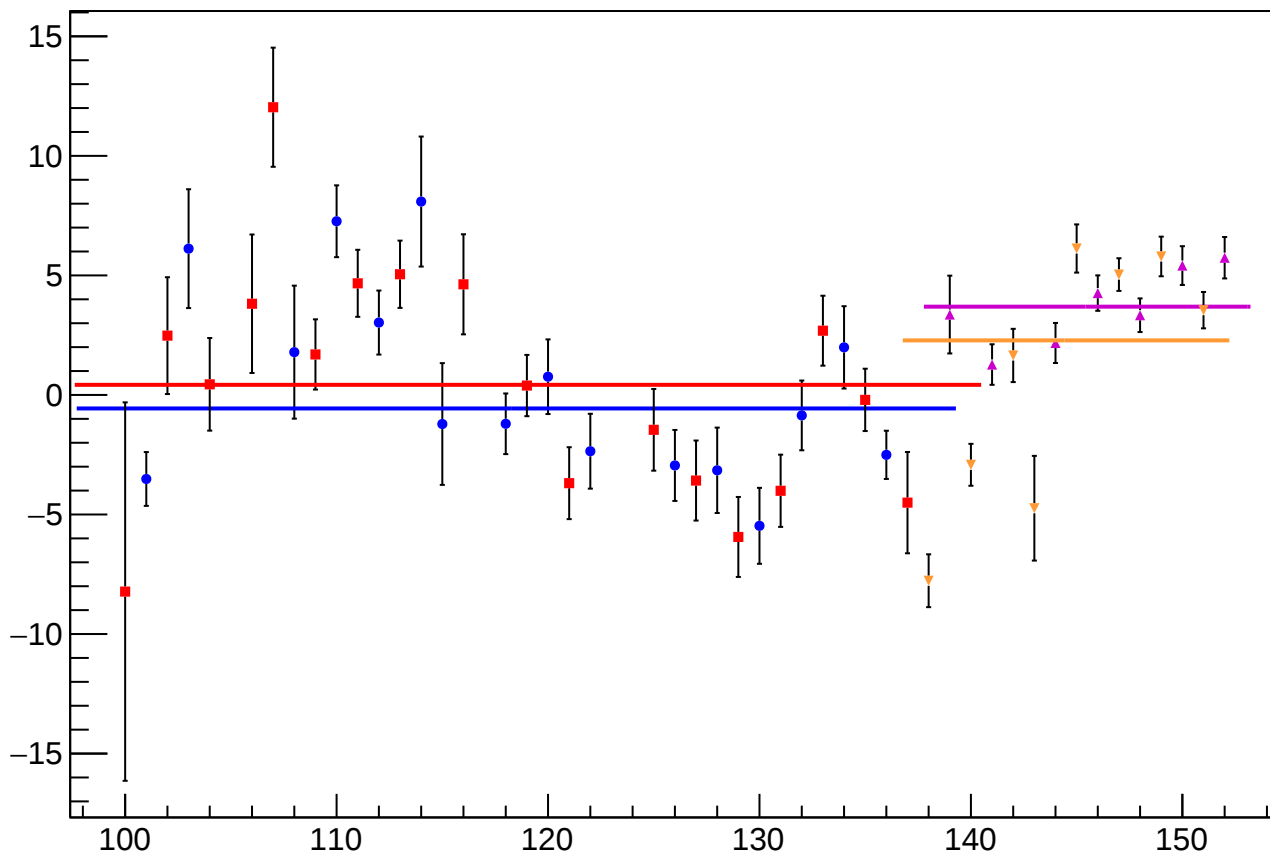
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -53.582 ± 0.319 χ^2/NDF : 553.1/22

Out: -50.552 ± 0.330 χ^2/NDF : 667.0/25

All: -52.119 ± 0.229 χ^2/NDF : 1263.9/48

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.282 ± 0.325 χ^2/NDF : 180.1/7

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.693 ± 0.318 χ^2/NDF : 22.4/6

Left: 3.003 ± 0.227 χ^2/NDF : 212.1/14

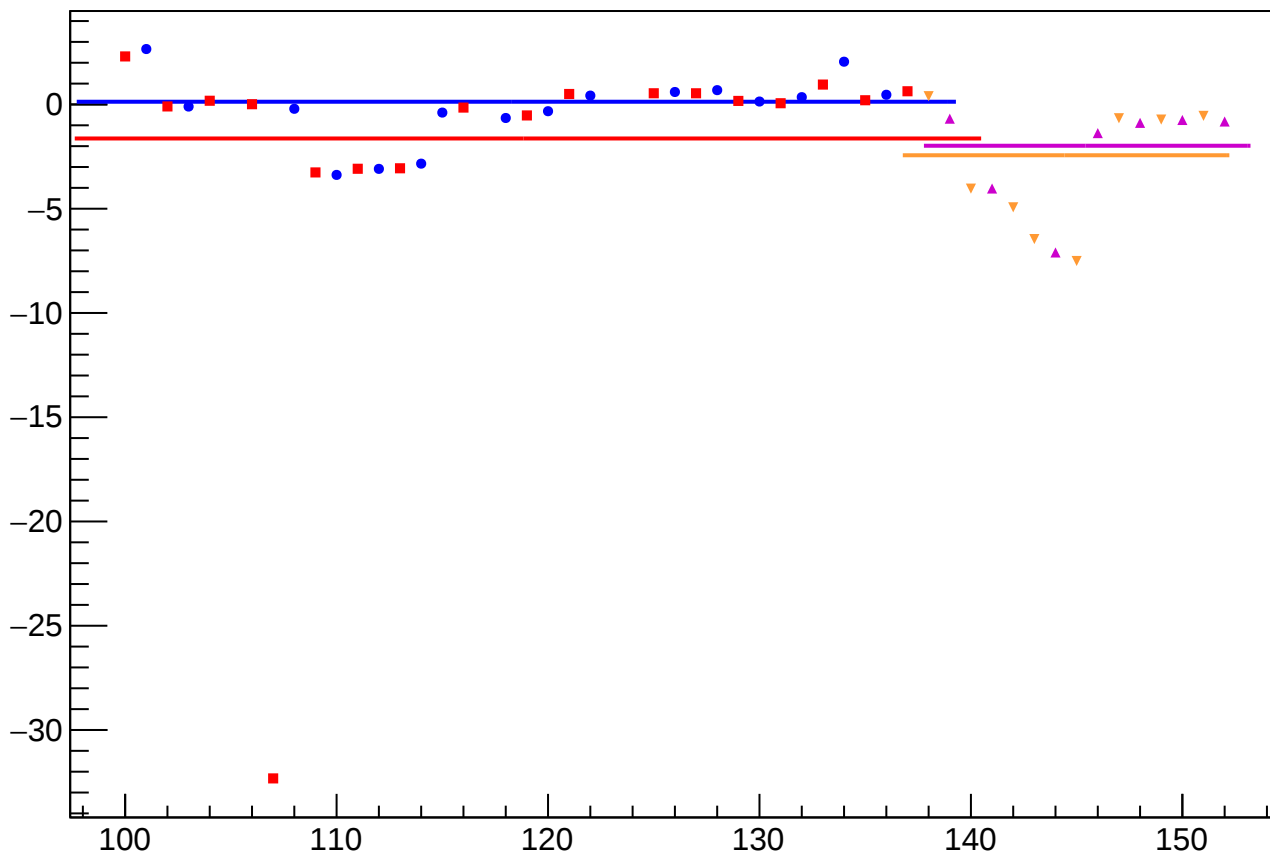
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.963 ± 0.245 χ^2/NDF : 177.1/22

Out: 1.541 ± 0.252 χ^2/NDF : 288.4/25

All: 1.758 ± 0.176 χ^2/NDF : 466.9/48

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130+/-0.022 χ^2/NDF : 5232.9/15

Left Out: -2.437+/-0.016 χ^2/NDF :28328.7/7

Right Out: -1.632+/-0.022 χ^2/NDF : 77874.4/17

Left In: -1.980+/-0.015 χ^2/NDF :18644.6/6

Left: -2.193+/-0.011 χ^2/NDF : 47382.8/14

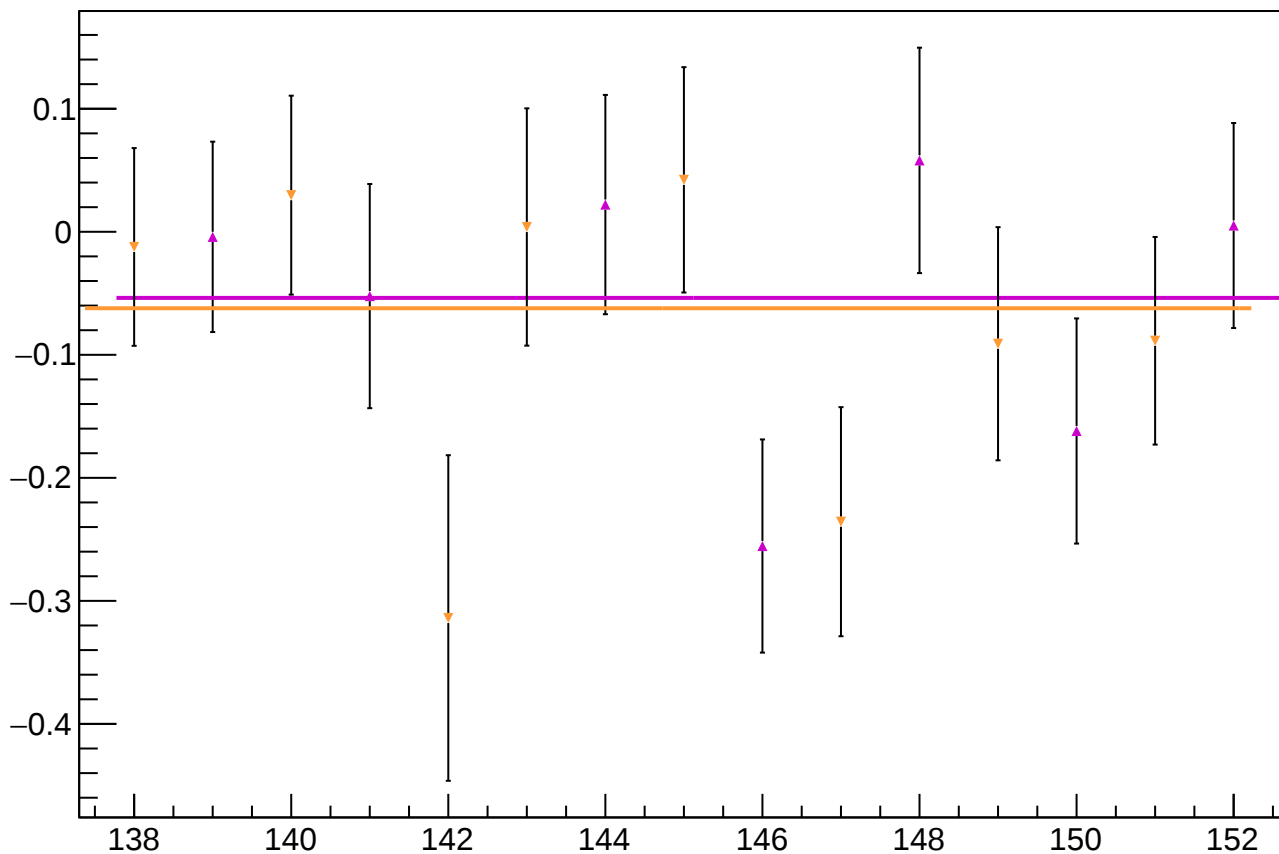
Right: -0.739+/-0.015 χ^2/NDF : 86417.2/33

In: -1.265+/-0.013 χ^2/NDF :30241.2/22

Out: -2.144+/-0.013 χ^2/NDF :107069.6/25

All: -1.683+/-0.009 χ^2/NDF : 139648.8/48

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: -0.062 $\pm$ 0.032 χ^2 /NDF:10.7/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.054 $\pm$ 0.033 χ^2 /NDF:9.9/6

Left: -0.058 $\pm$ 0.023 χ^2 /NDF: 20.7/14

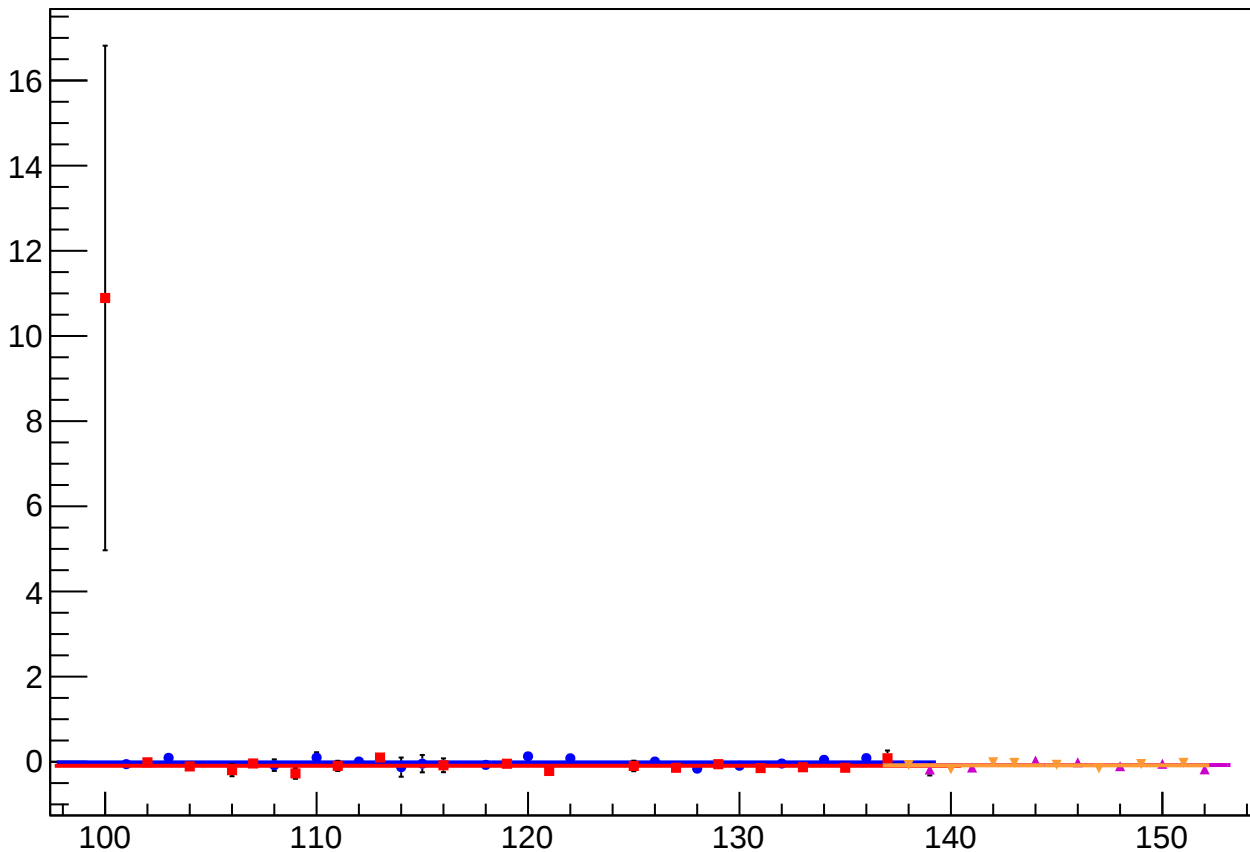
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.054 $\pm$ 0.033 χ^2 /NDF:9.9/6

Out: -0.062 $\pm$ 0.032 χ^2 /NDF:10.7/7

All: -0.058 $\pm$ 0.023 χ^2 /NDF: 20.7/14

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: -0.083 ± 0.022 χ^2/NDF : 7.8/7

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.076 ± 0.023 χ^2/NDF : 8.7/6

Left: -0.079 ± 0.016 χ^2/NDF : 16.6/14

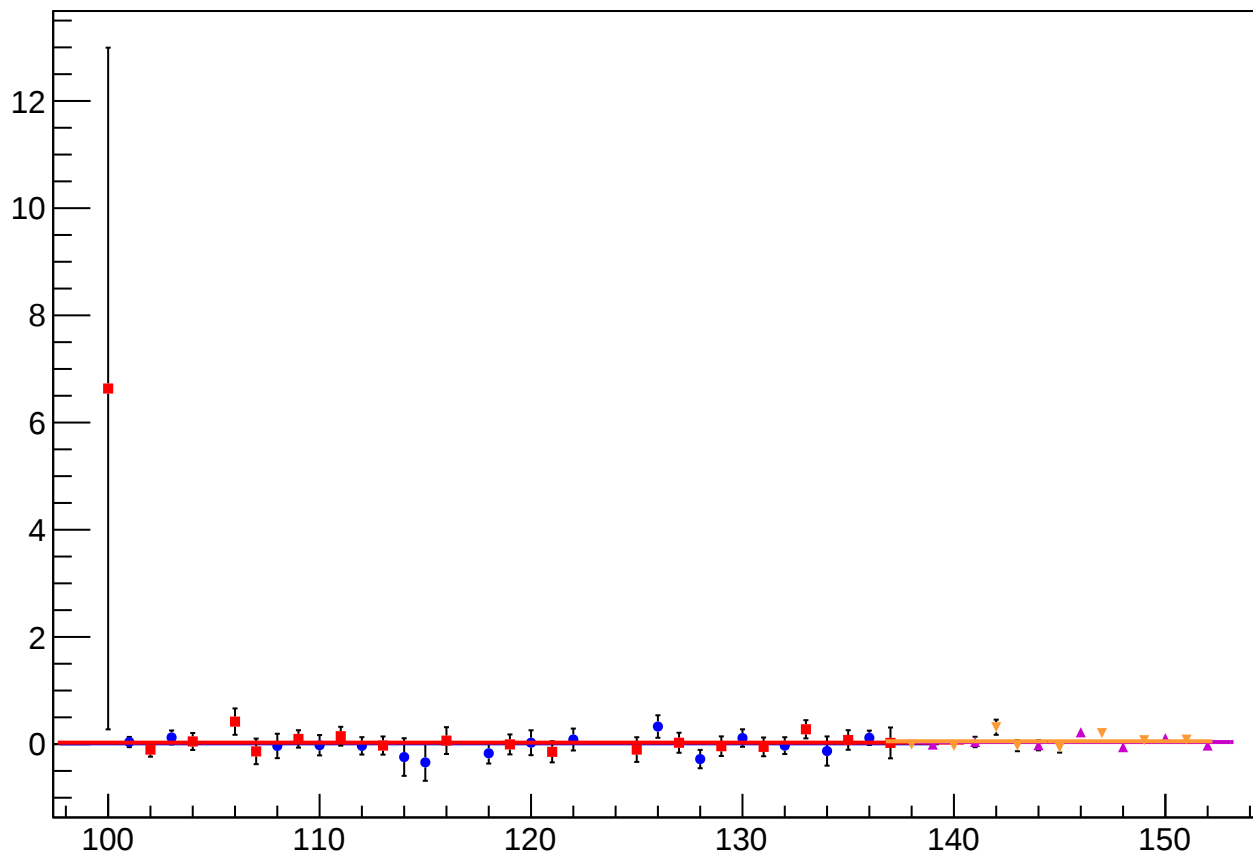
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.045 ± 0.016 χ^2/NDF : 24.8/22

Out: -0.087 ± 0.016 χ^2/NDF : 21.5/25

All: -0.066 ± 0.012 χ^2/NDF : 49.5/48

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.053+/-0.033 χ^2/NDF :10.3/7

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.039+/-0.033 χ^2/NDF :8.1/6

Left: 0.046+/-0.023 χ^2/NDF : 18.5/14

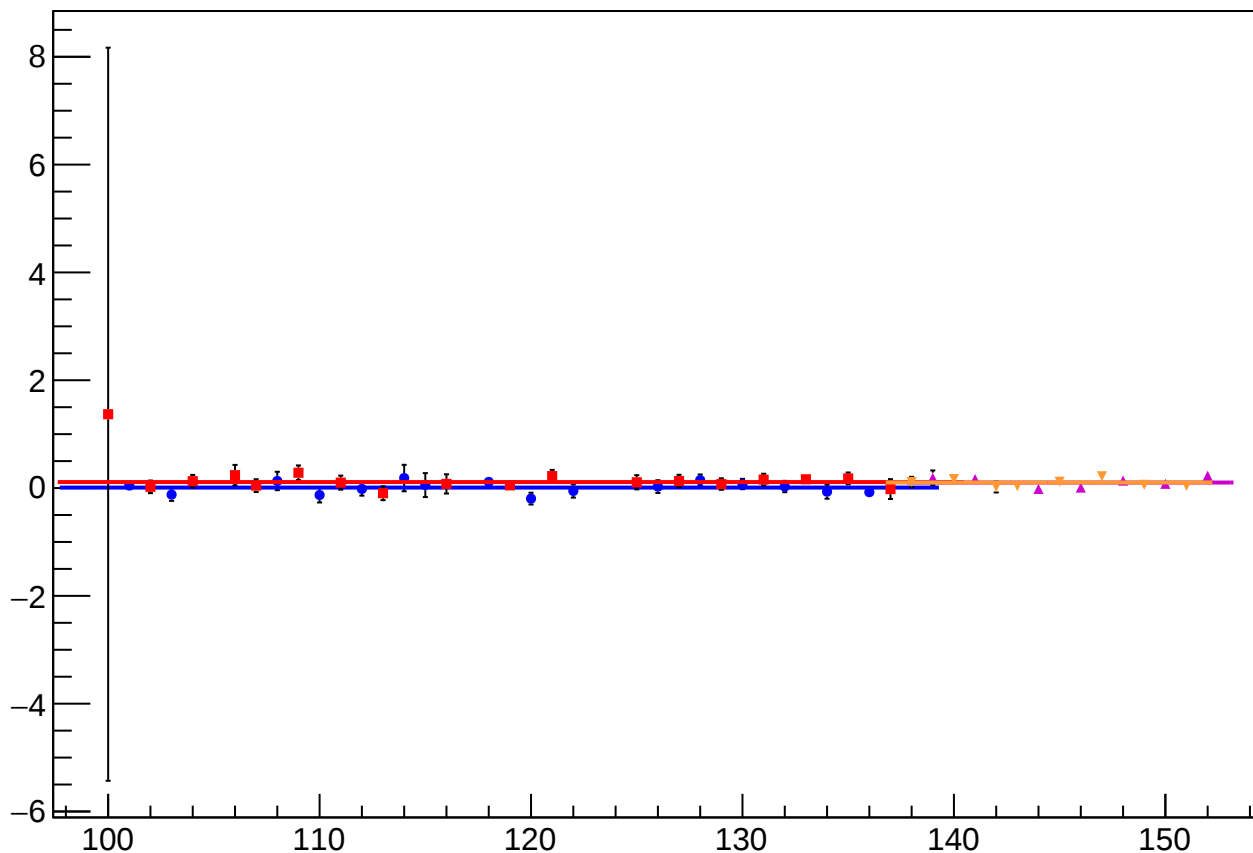
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.030+/-0.026 χ^2/NDF :18.4/22

Out: 0.045+/-0.026 χ^2/NDF :20.0/25

All: 0.037+/-0.019 χ^2/NDF : 38.6/48

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: 0.103 $\pm$ 0.027 χ^2 /NDF: 7.0/7

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.102 $\pm$ 0.028 χ^2 /NDF: 8.9/6

Left: 0.103 $\pm$ 0.020 χ^2 /NDF: 15.9/14

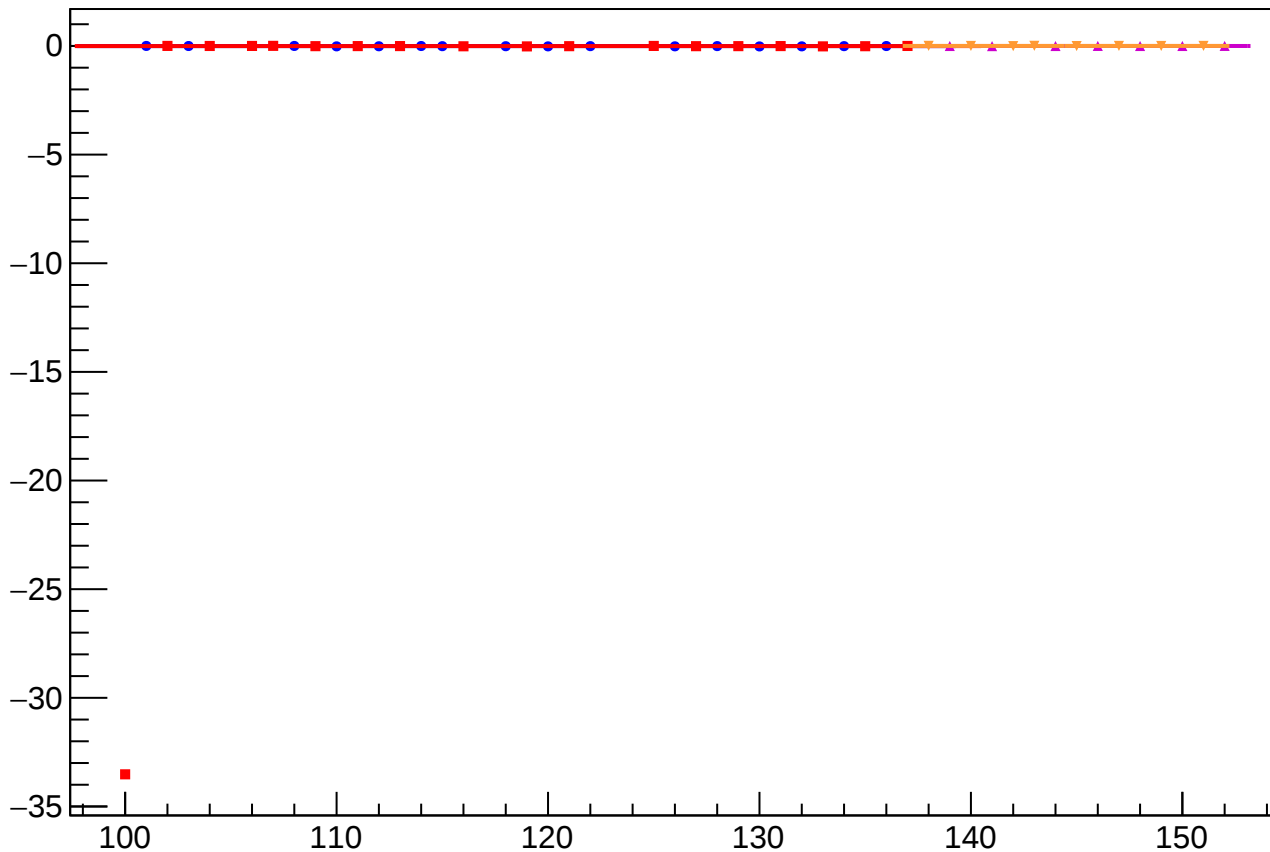
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.053 $\pm$ 0.019 χ^2 /NDF: 27.3/22

Out: 0.107 $\pm$ 0.020 χ^2 /NDF: 15.7/25

All: 0.080 $\pm$ 0.014 χ^2 /NDF: 46.7/48

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:8.7/7

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.001 χ^2 /NDF:4.5/6

Left: 0.000 $\pm$ 0.001 χ^2 /NDF: 14.7/14

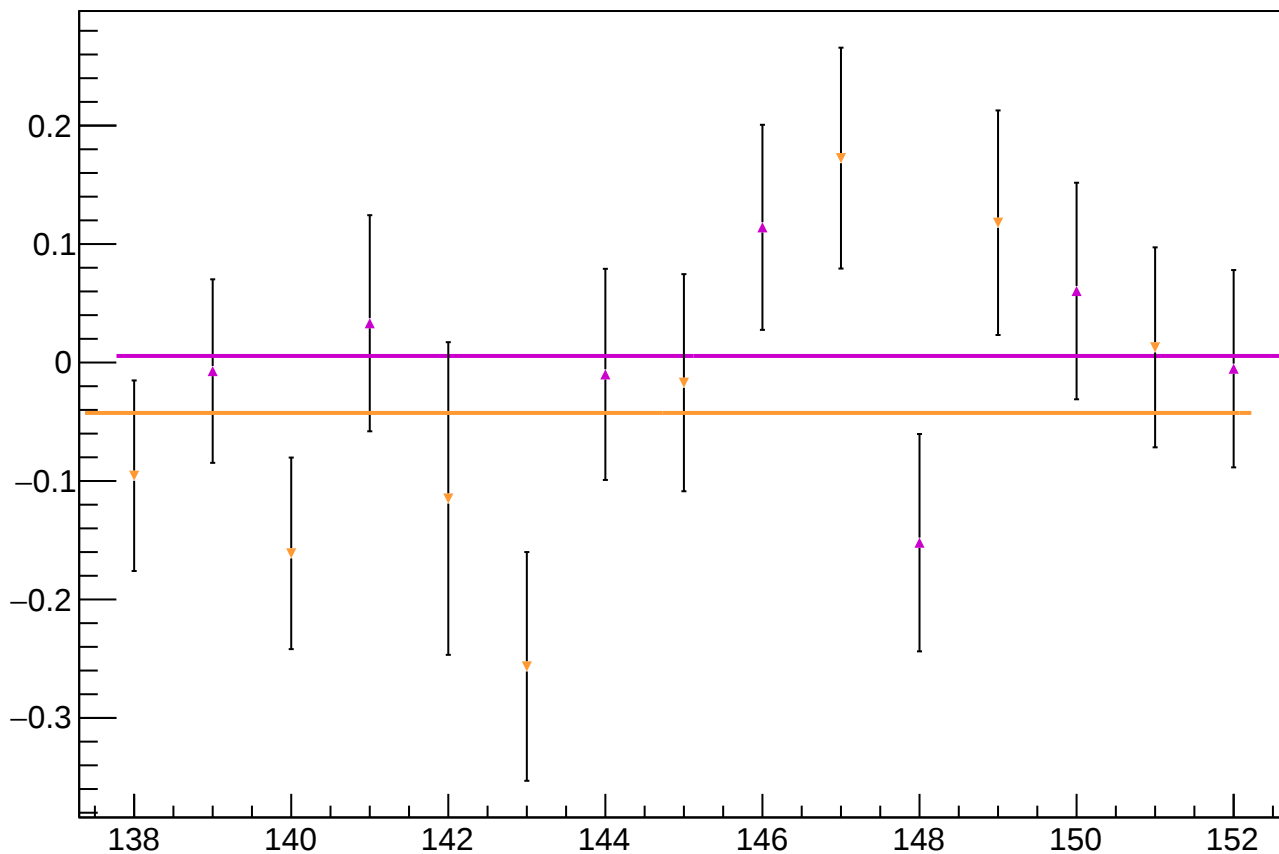
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.003 $\pm$ 0.001 χ^2 /NDF:32.2/22

Out: -0.002 $\pm$ 0.001 χ^2 /NDF:26531.0/25

All: -0.003 $\pm$ 0.001 χ^2 /NDF: 26563.8/48

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: -0.043 $\pm$ 0.032 χ^2 /NDF:16.5/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Left: -0.019 $\pm$ 0.023 χ^2 /NDF: 22.6/14

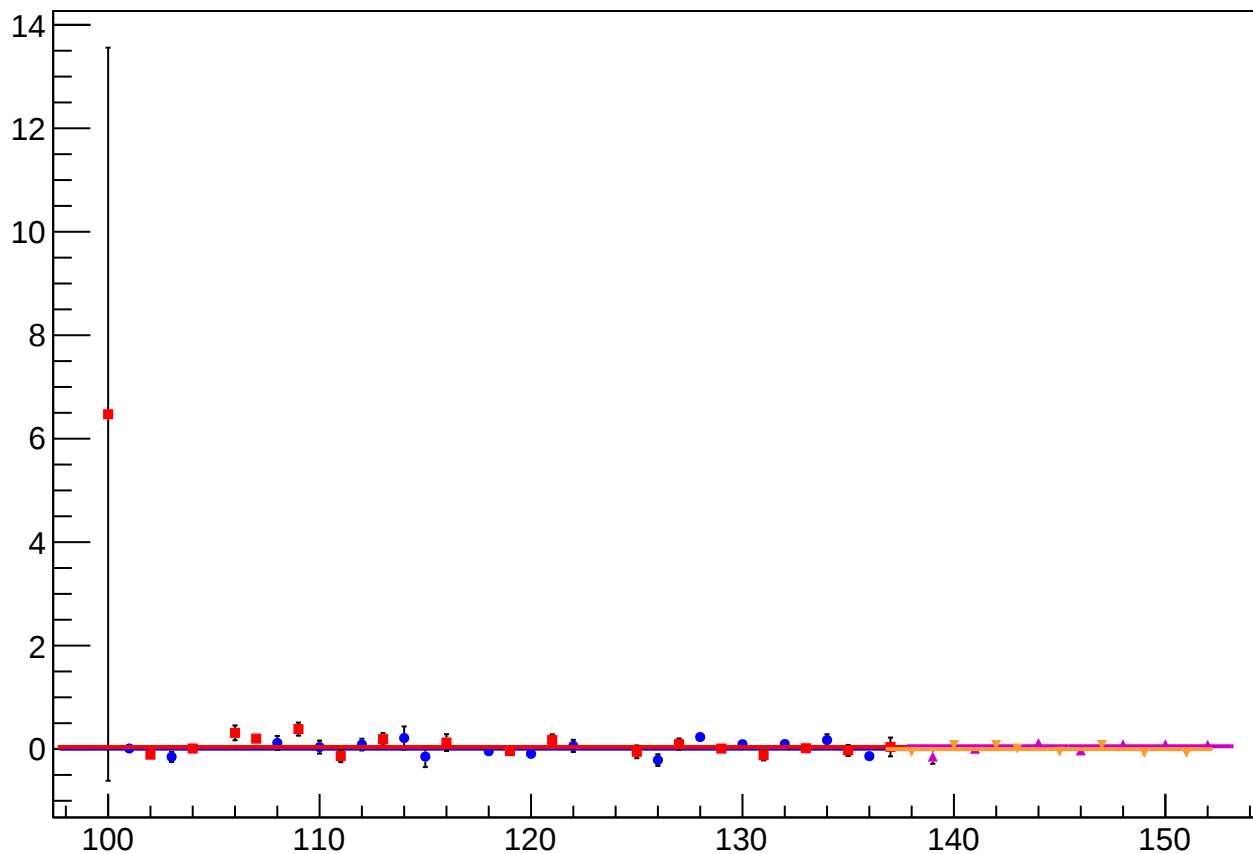
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Out: -0.043 $\pm$ 0.032 χ^2 /NDF:16.5/7

All: -0.019 $\pm$ 0.023 χ^2 /NDF: 22.6/14

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: -0.001 $\pm$ 0.022 χ^2 /NDF:10.6/7

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.054 $\pm$ 0.023 χ^2 /NDF:7.1/6

Left: 0.025 $\pm$ 0.016 χ^2 /NDF: 20.7/14

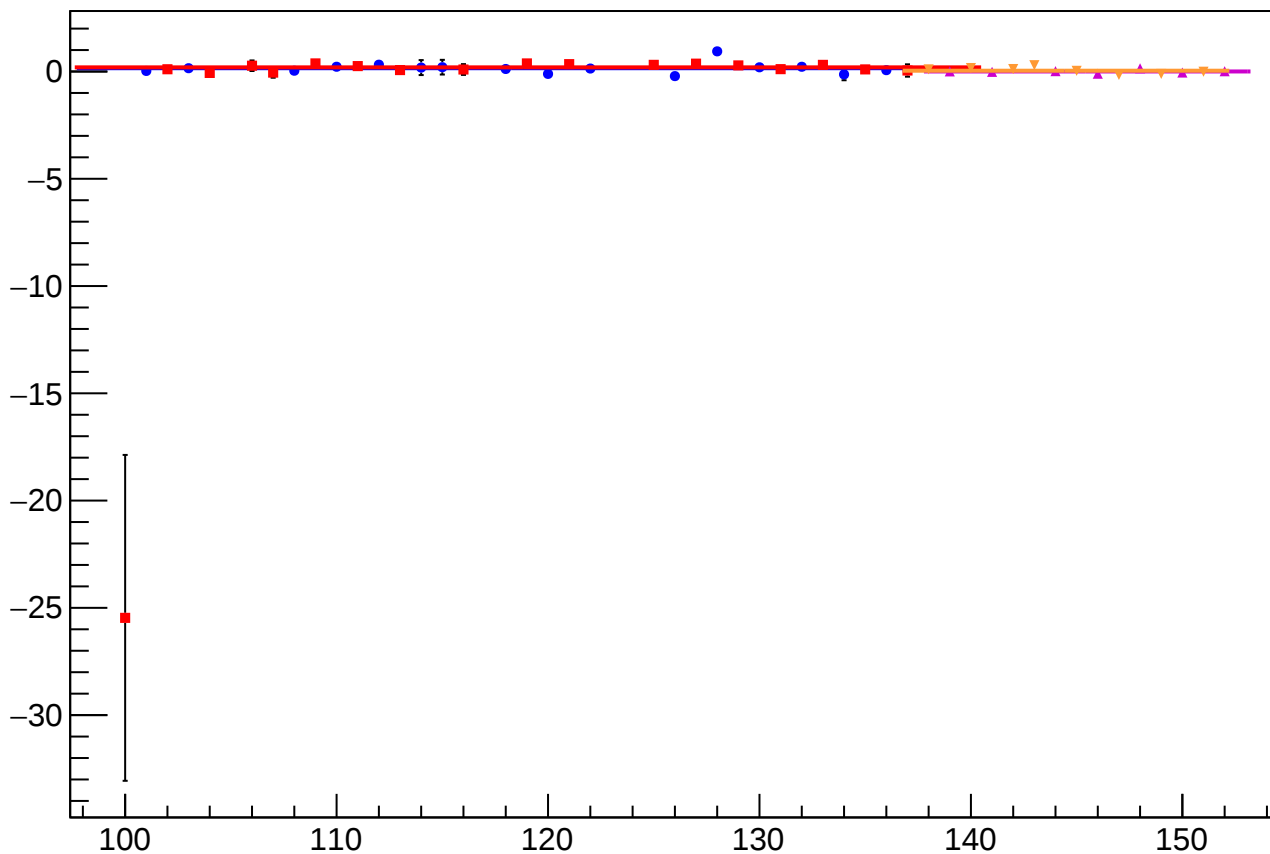
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.031 $\pm$ 0.016 χ^2 /NDF:32.7/22

Out: 0.017 $\pm$ 0.016 χ^2 /NDF:40.5/25

All: 0.024 $\pm$ 0.012 χ^2 /NDF: 73.7/48

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.037+/-0.033 χ^2/NDF :17.5/7

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.002+/-0.033 χ^2/NDF :4.9/6

Left: 0.020+/-0.023 χ^2/NDF : 23.0/14

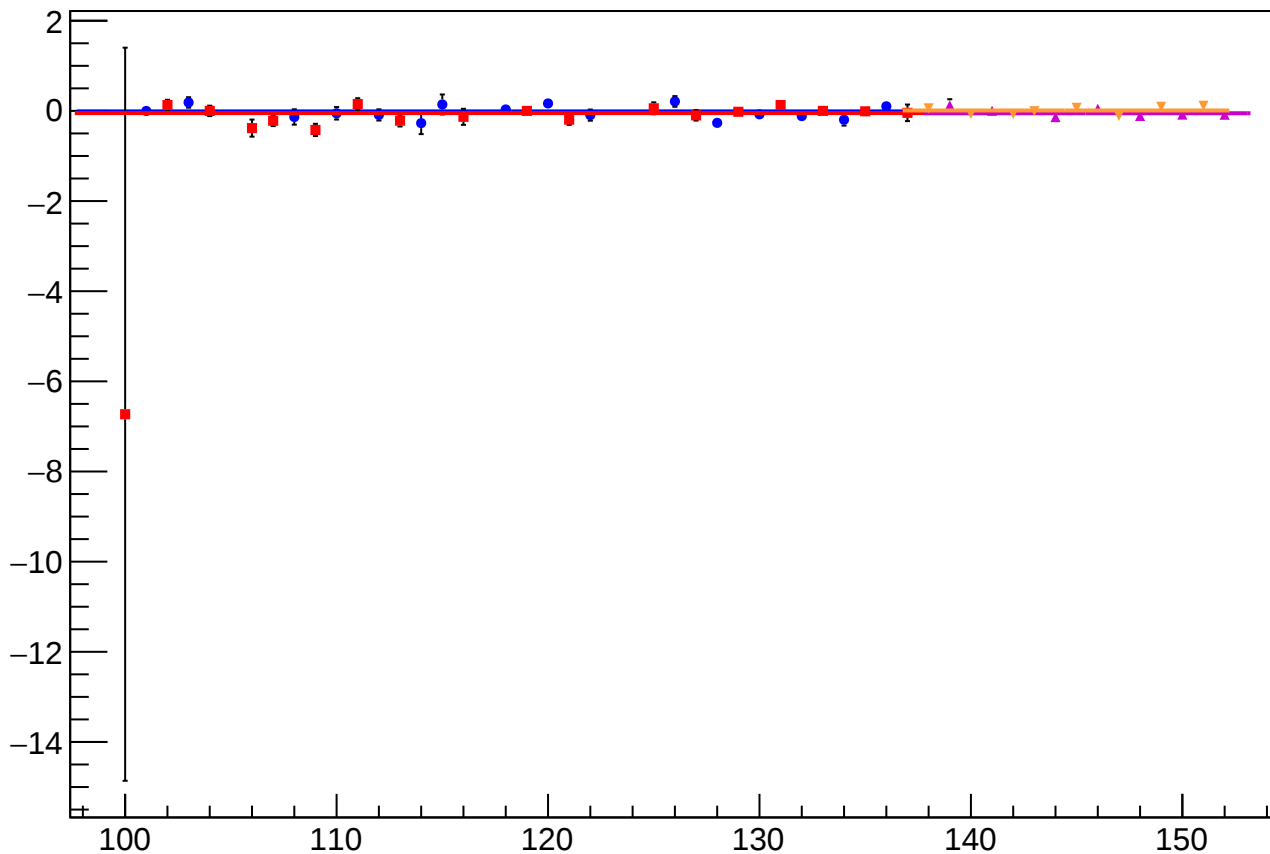
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.058+/-0.026 χ^2/NDF :43.4/22

Out: 0.091+/-0.026 χ^2/NDF :47.3/25

All: 0.074+/-0.019 χ^2/NDF : 91.5/48

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.009 ± 0.027 $\chi^2/\text{NDF}: 10.1/7$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.052 ± 0.028 $\chi^2/\text{NDF}: 7.1/6$

Left: -0.020 ± 0.020 $\chi^2/\text{NDF}: 19.8/14$

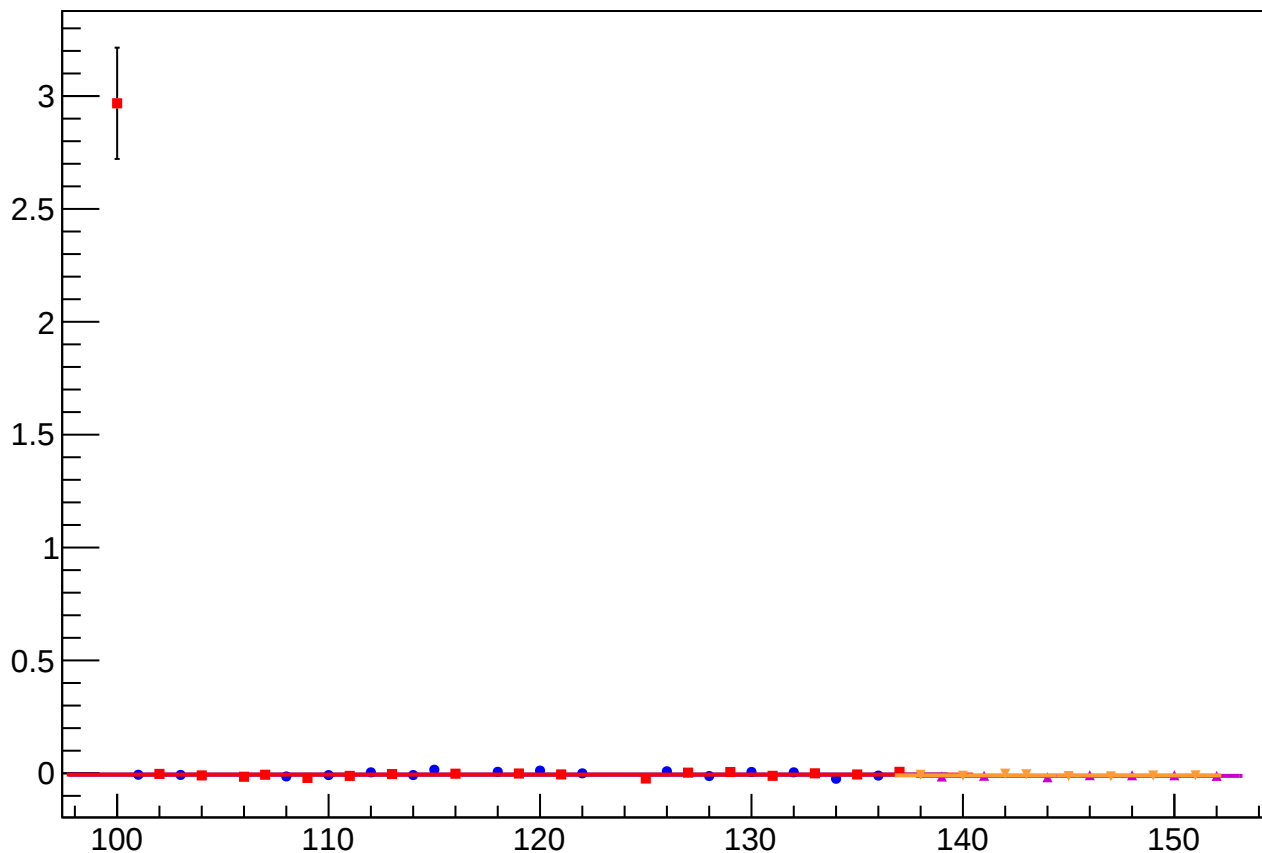
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.031 ± 0.019 $\chi^2/\text{NDF}: 31.7/22$

Out: -0.018 ± 0.020 $\chi^2/\text{NDF}: 38.5/25$

All: -0.024 ± 0.014 $\chi^2/\text{NDF}: 70.4/48$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 5.8/7

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.012 ± 0.001 χ^2/NDF : 4.8/6

Left: -0.010 ± 0.001 χ^2/NDF : 12.3/14

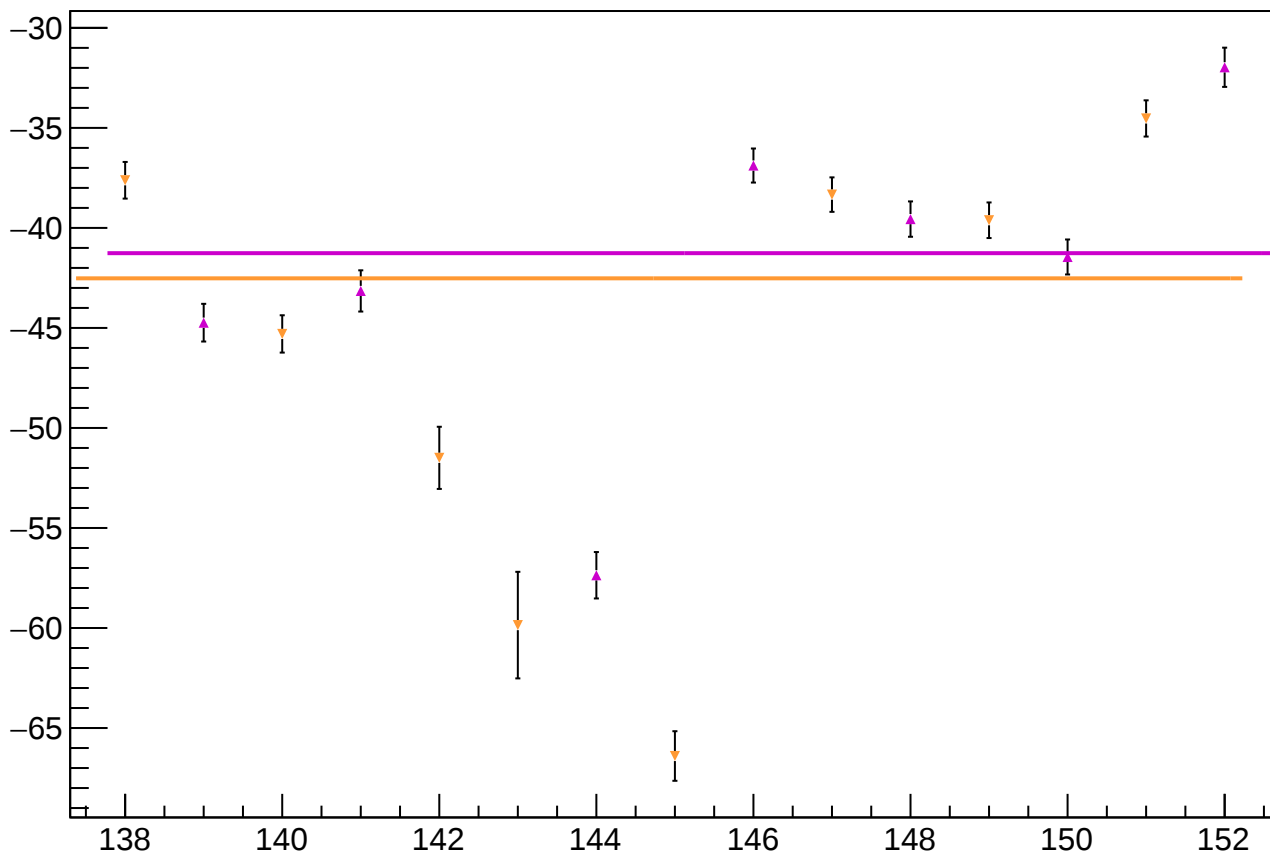
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 41.6/22

Out: -0.008 ± 0.001 χ^2/NDF : 173.8/25

All: -0.008 ± 0.001 χ^2/NDF : 216.3/48

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: -42.521+/-0.368 χ^2/NDF :596.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.263+/-0.358 χ^2/NDF :329.6/6

Left: -41.873+/-0.257 χ^2/NDF : 932.0/14

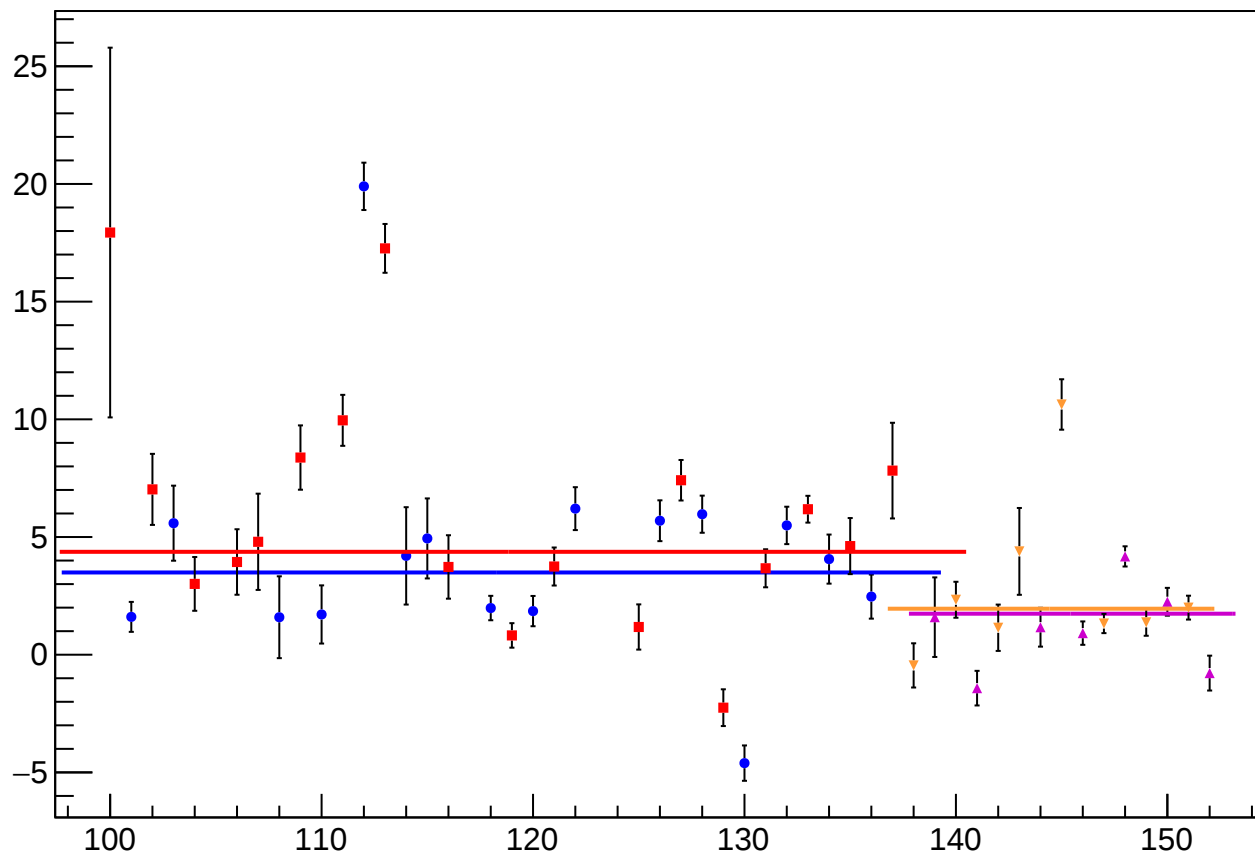
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.263+/-0.358 χ^2/NDF :329.6/6

Out: -42.521+/-0.368 χ^2/NDF :596.4/7

All: -41.873+/-0.257 χ^2/NDF : 932.0/14

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.954 $\pm$ 0.236 χ^2 /NDF:78.2/7

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.742 $\pm$ 0.237 χ^2 /NDF:66.3/6

Left: 1.849 $\pm$ 0.167 χ^2 /NDF: 144.9/14

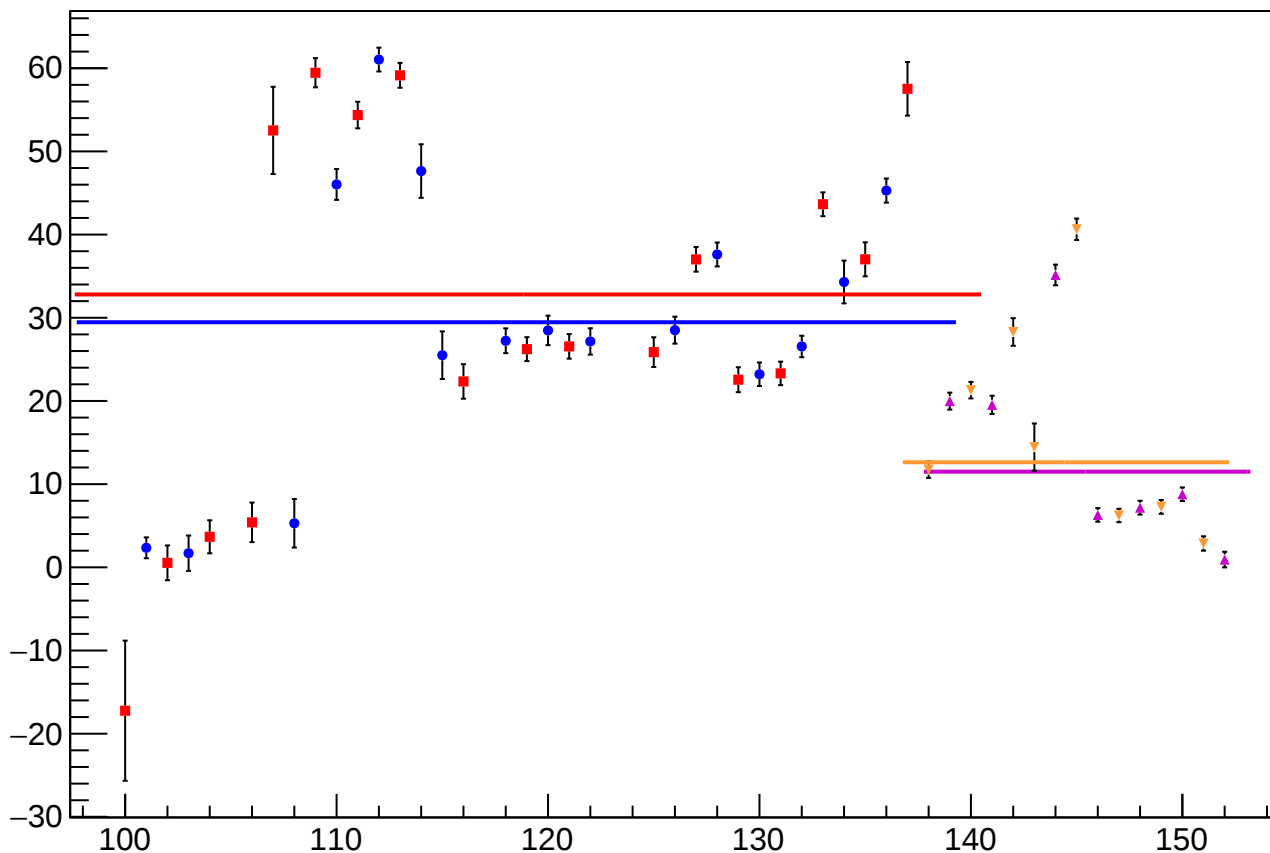
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.692 $\pm$ 0.160 χ^2 /NDF:540.8/22

Out: 3.218 $\pm$ 0.163 χ^2 /NDF:487.1/25

All: 2.951 $\pm$ 0.114 χ^2 /NDF: 1033.3/48

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: 12.634 $\pm$ 0.367 χ^2 /NDF: 872.3/7

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 11.499 $\pm$ 0.353 χ^2 /NDF: 691.8/6

Left: 12.044 $\pm$ 0.254 χ^2 /NDF: 1569.2/14

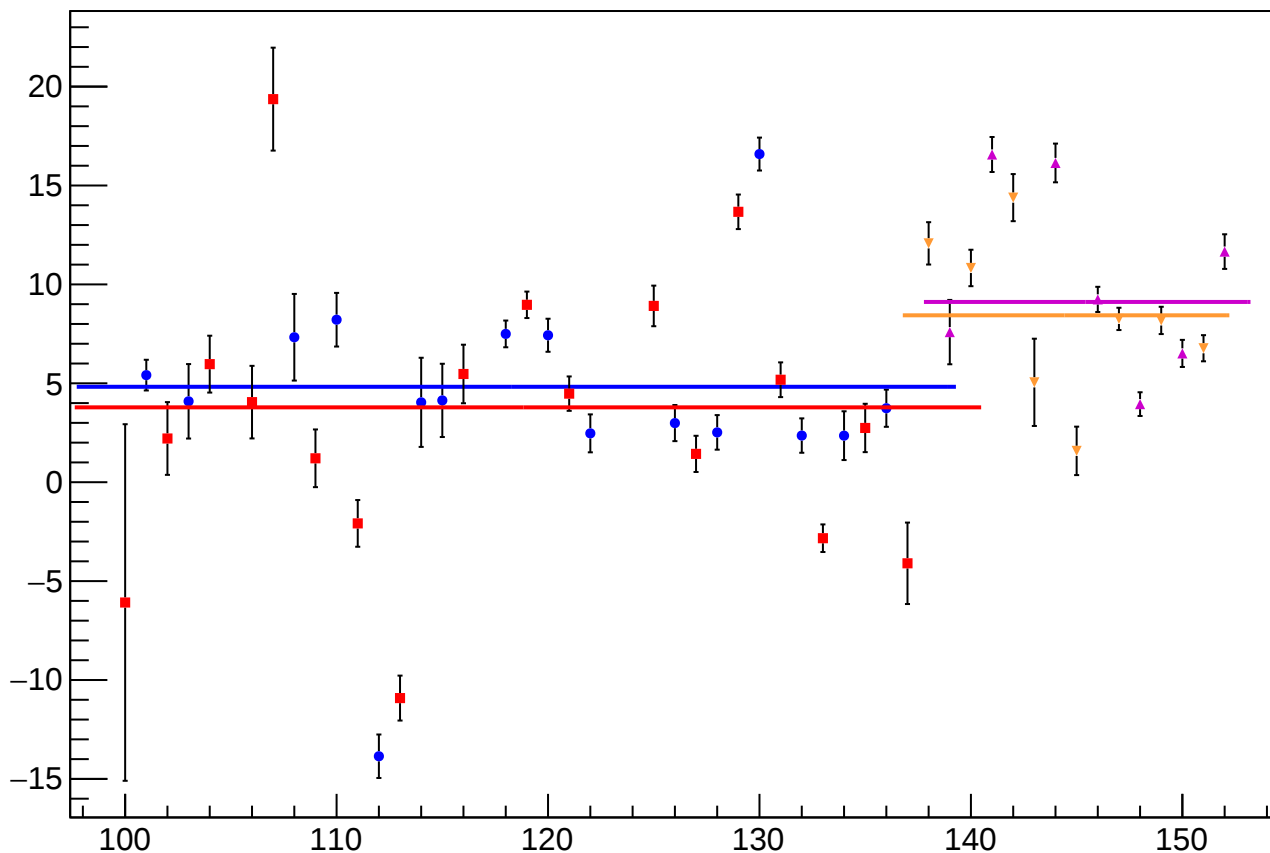
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 18.981 $\pm$ 0.269 χ^2 /NDF: 3263.6/22

Out: 21.285 $\pm$ 0.277 χ^2 /NDF: 3830.7/25

All: 20.101 $\pm$ 0.193 χ^2 /NDF: 7129.9/48

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 8.437 ± 0.299 χ^2/NDF : 83.5/7

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.113 ± 0.296 χ^2/NDF : 220.5/6

Left: 8.778 ± 0.211 χ^2/NDF : 306.6/14

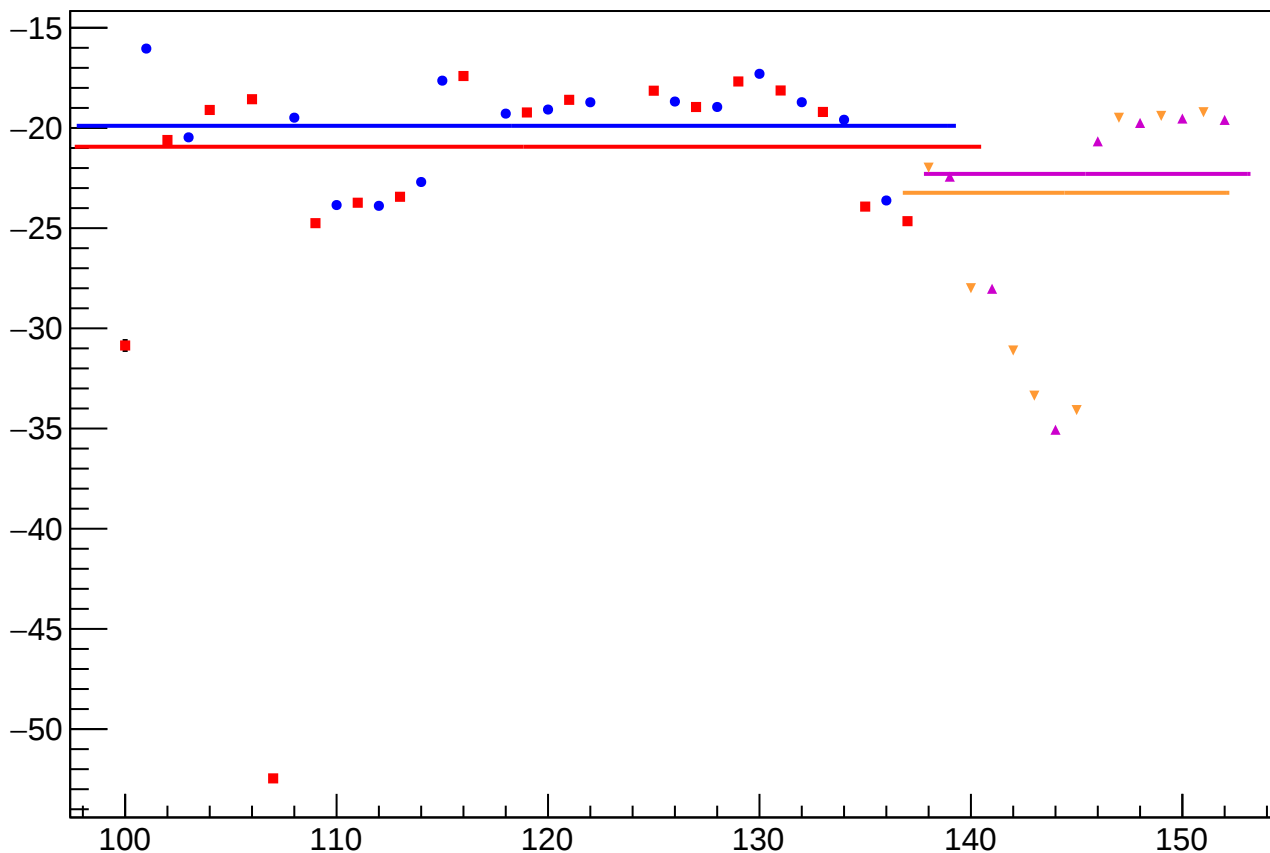
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 6.621 ± 0.192 χ^2/NDF : 895.2/22

Out: 5.776 ± 0.196 χ^2/NDF : 786.7/25

All: 6.207 ± 0.137 χ^2/NDF : 1691.4/48

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 112804.2/7$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -22.292 ± 0.015 $\chi^2/\text{NDF}: 90151.4/6$

Left: -22.731 ± 0.011 $\chi^2/\text{NDF}: 204881.0/14$

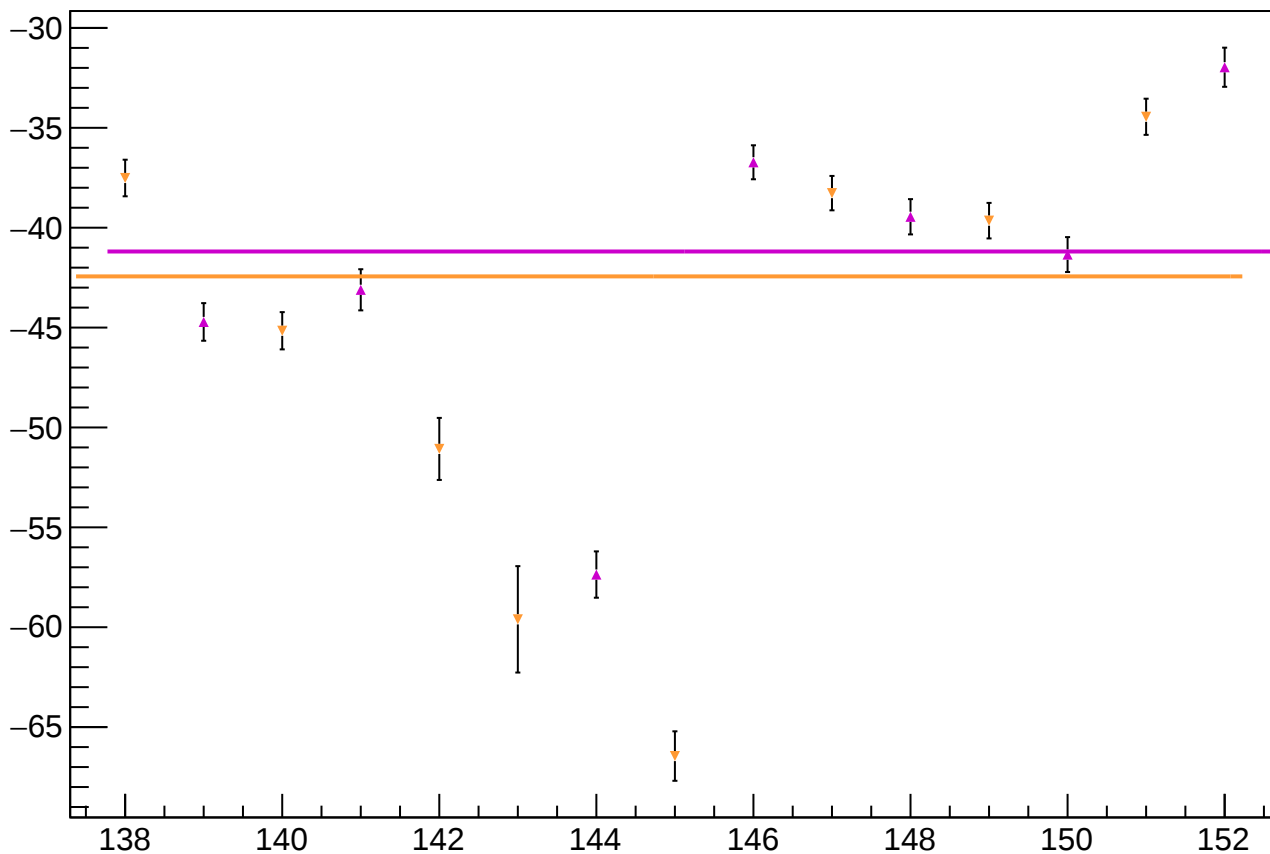
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -21.166 ± 0.011 $\chi^2/\text{NDF}: 128820.8/22$

Out: -22.086 ± 0.011 $\chi^2/\text{NDF}: 217631.0/25$

All: -21.608 ± 0.008 $\chi^2/\text{NDF}: 350018.1/48$

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: -42.438+/-0.368 χ^2/NDF :596.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.191+/-0.357 χ^2/NDF :332.0/6

Left: -41.796+/-0.256 χ^2/NDF : 934.8/14

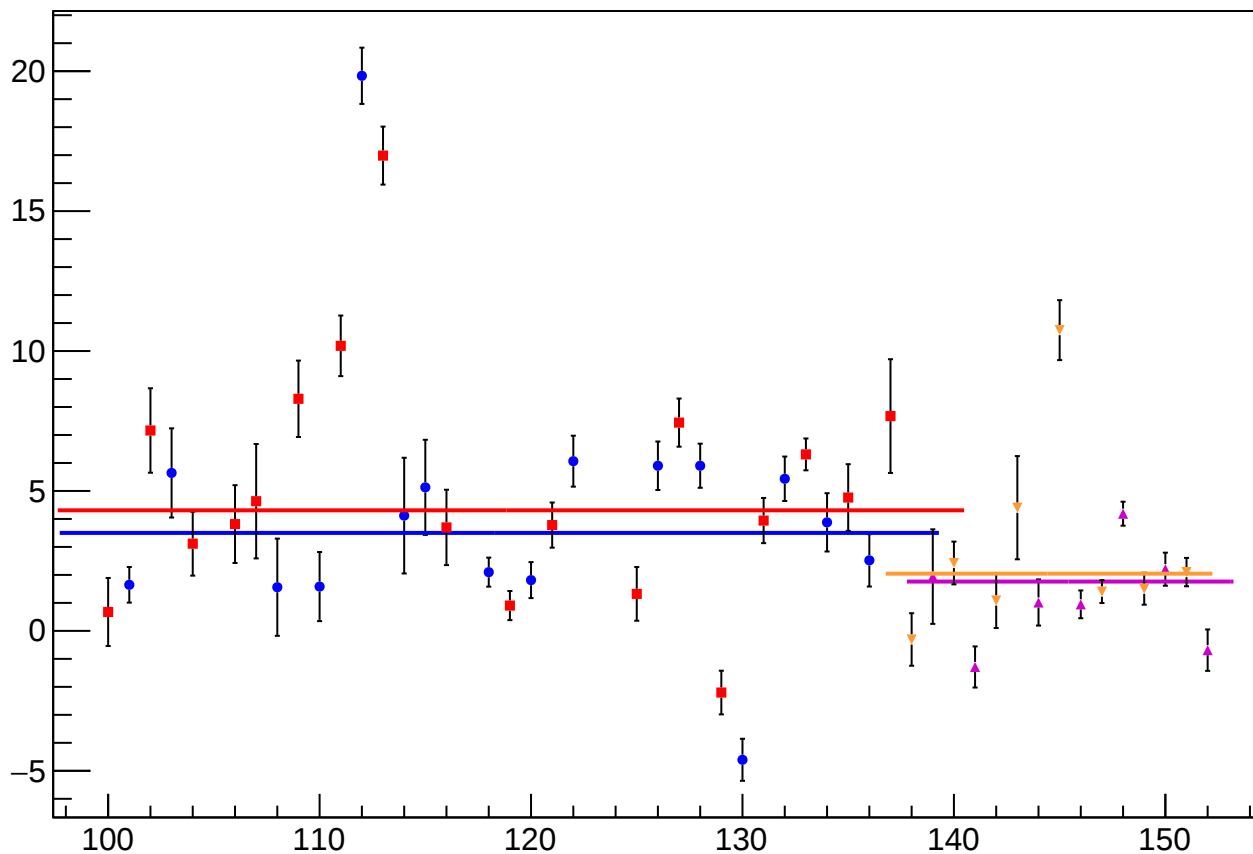
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.191+/-0.357 χ^2/NDF :332.0/6

Out: -42.438+/-0.368 χ^2/NDF :596.9/7

All: -41.796+/-0.256 χ^2/NDF : 934.8/14

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



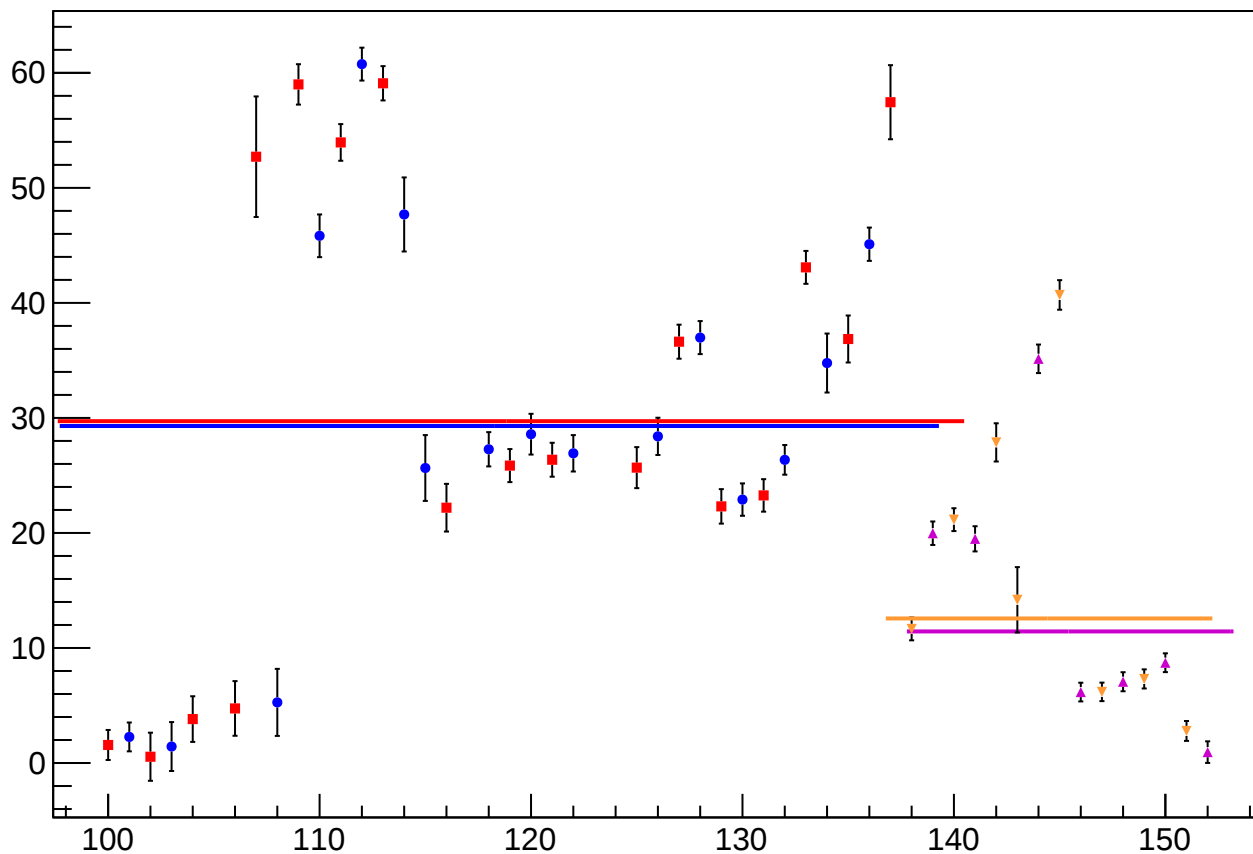
Left: 1.904 ± 0.167 $\chi^2/\text{NDF}: 143.5/14$
 Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$
 Left Out: 2.045 ± 0.236 $\chi^2/\text{NDF}: 78.5/7$
 Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$
 Left In: 1.763 ± 0.237 $\chi^2/\text{NDF}: 64.3/6$

In: 2.705 ± 0.160 $\chi^2/\text{NDF}: 535.4/22$
 Out: 3.247 ± 0.161 $\chi^2/\text{NDF}: 480.3/25$

All: 2.974 ± 0.114 $\chi^2/\text{NDF}: 1021.4/48$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 12.567 ± 0.366 $\chi^2/\text{NDF}: 870.4/7$

Right Out: 29.719 ± 0.403 $\chi^2/\text{NDF}: 2128.9/17$

Left In: 11.438 ± 0.353 $\chi^2/\text{NDF}: 695.3/6$

Left: 11.981 ± 0.254 $\chi^2/\text{NDF}: 1570.6/14$

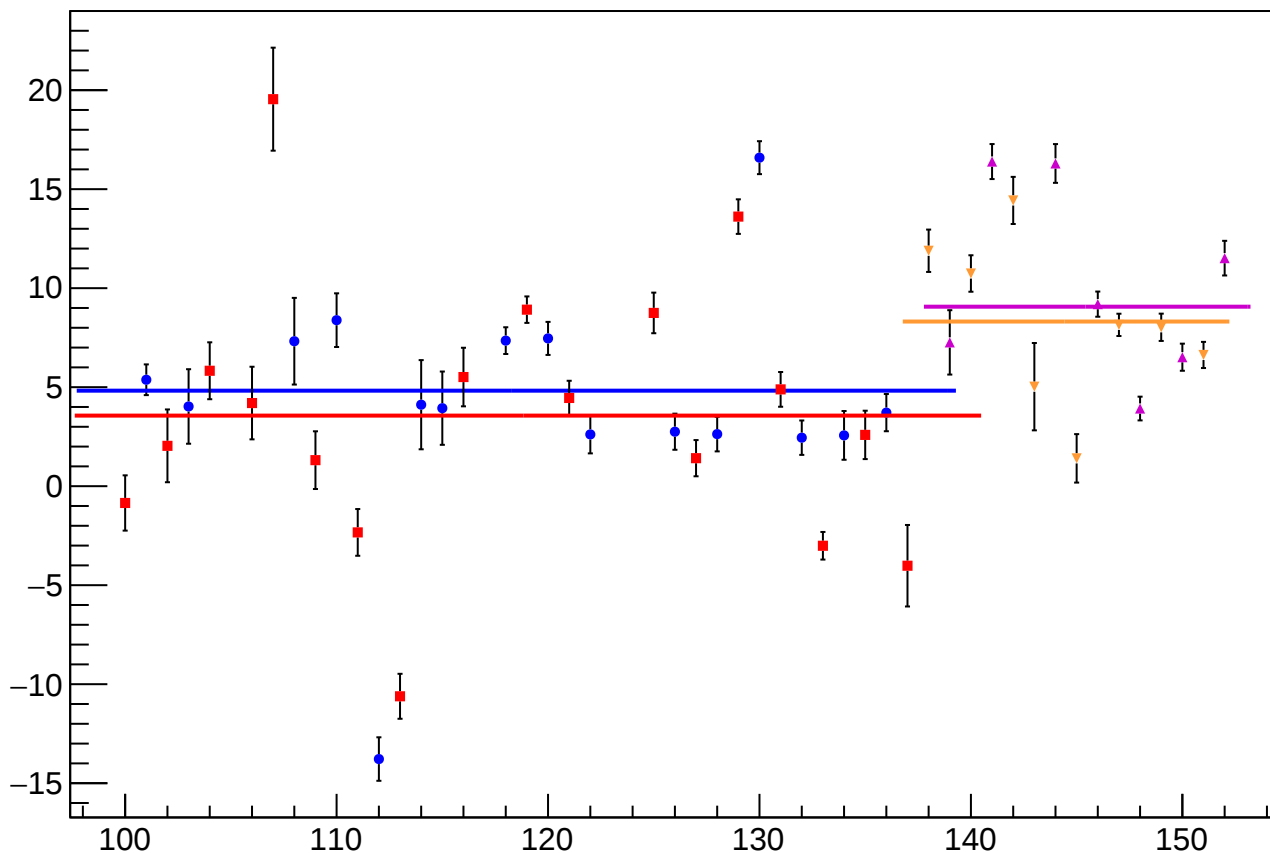
Right: 29.515 ± 0.290 $\chi^2/\text{NDF}: 3614.7/33$

In: 18.876 ± 0.269 $\chi^2/\text{NDF}: 3249.5/22$

Out: 20.338 ± 0.271 $\chi^2/\text{NDF}: 3992.2/25$

All: 19.602 ± 0.191 $\chi^2/\text{NDF}: 7256.4/48$

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: 8.315 $\pm$ 0.299 χ^2 /NDF:85.4/7

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 9.065 $\pm$ 0.296 χ^2 /NDF:220.1/6

Left: 8.694 $\pm$ 0.210 χ^2 /NDF: 308.7/14

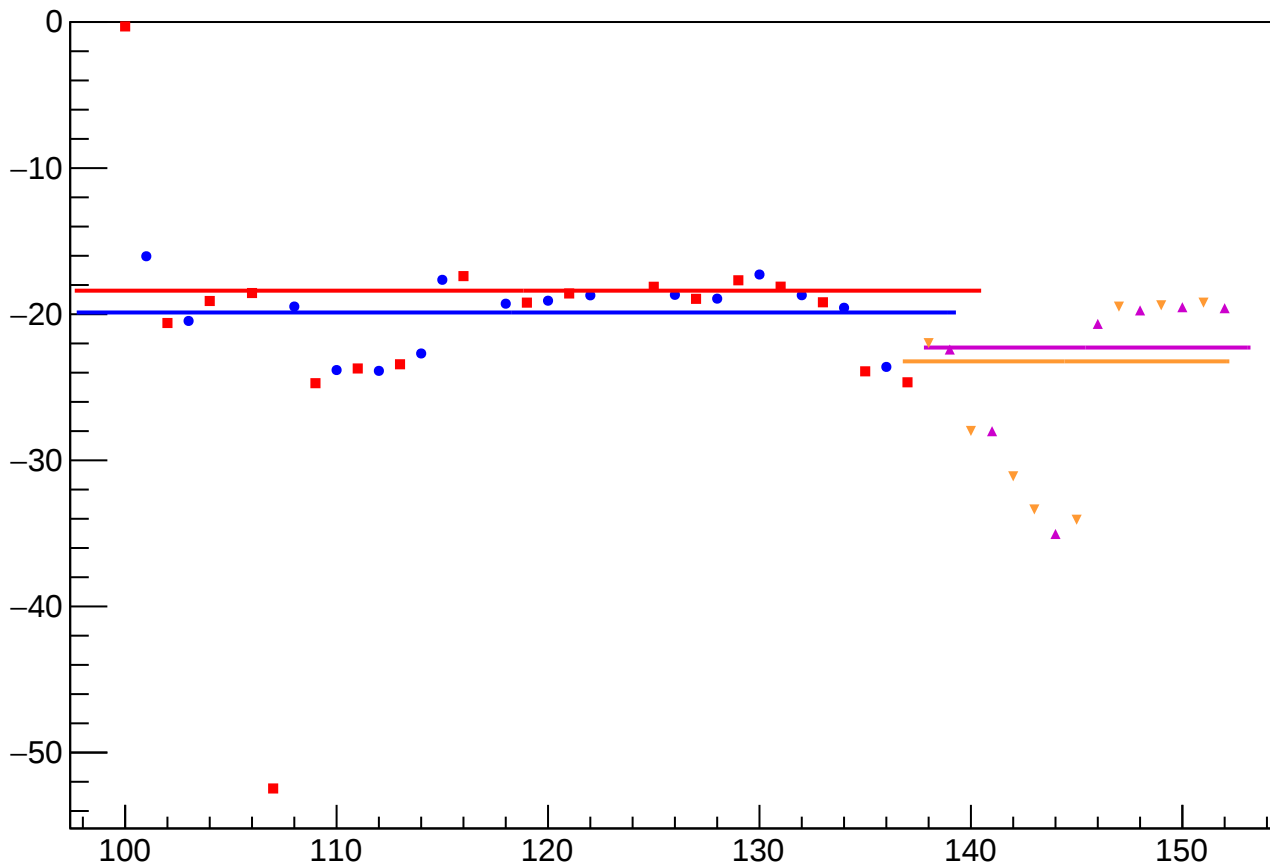
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 6.601 $\pm$ 0.192 χ^2 /NDF:888.4/22

Out: 5.560 $\pm$ 0.194 χ^2 /NDF:802.1/25

All: 6.086 $\pm$ 0.136 χ^2 /NDF: 1705.1/48

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -23.226 ± 0.016 $\chi^2/\text{NDF}: 112886.1/7$

Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$

Left In: -22.280 ± 0.015 $\chi^2/\text{NDF}: 90105.3/6$

Left: -22.721 ± 0.011 $\chi^2/\text{NDF}: 204932.9/14$

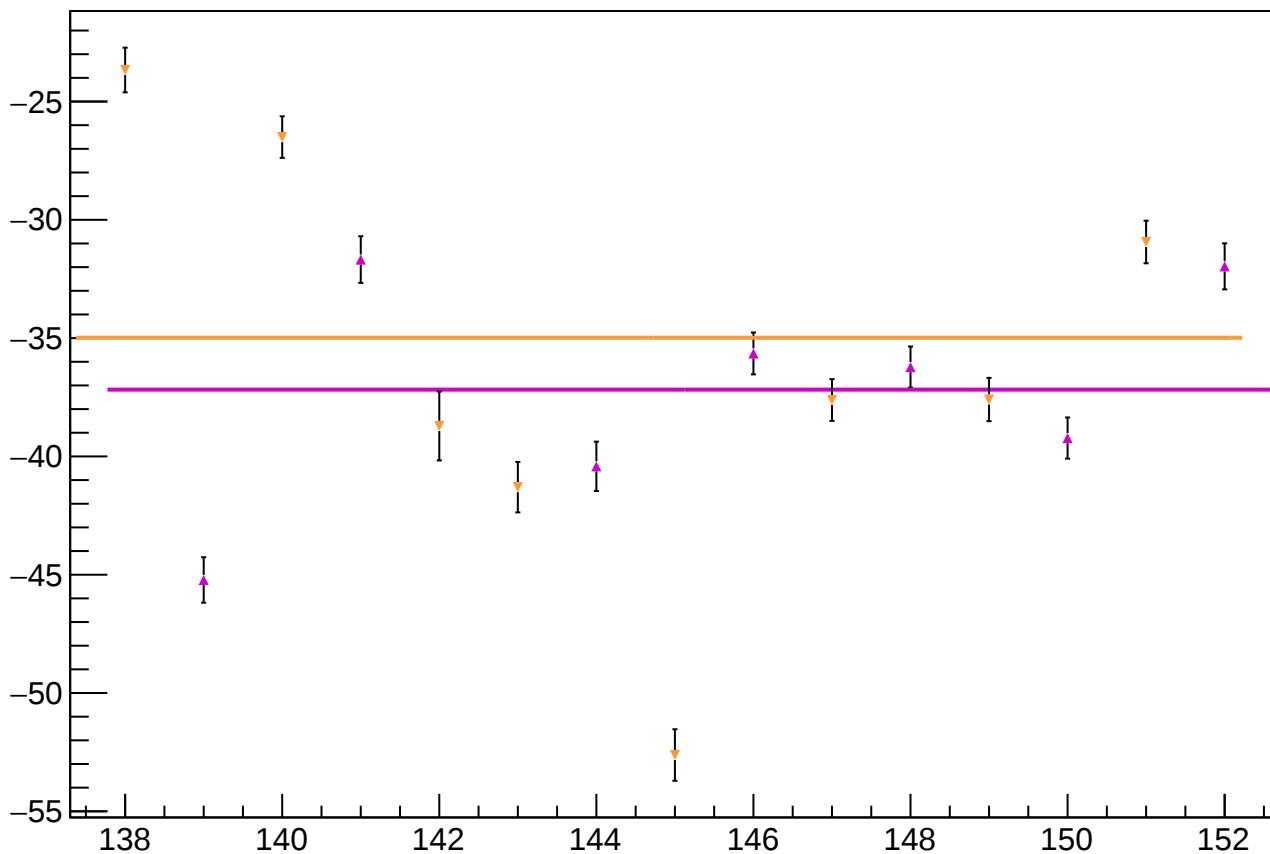
Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$

In: -21.154 ± 0.011 $\chi^2/\text{NDF}: 128783.2/22$

Out: -20.655 ± 0.011 $\chi^2/\text{NDF}: 464633.0/25$

All: -20.906 ± 0.008 $\chi^2/\text{NDF}: 594503.3/48$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.984+/-0.347 χ^2/NDF :577.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.177+/-0.353 χ^2/NDF :149.1/6

Left: -36.059+/-0.247 χ^2/NDF : 746.6/14

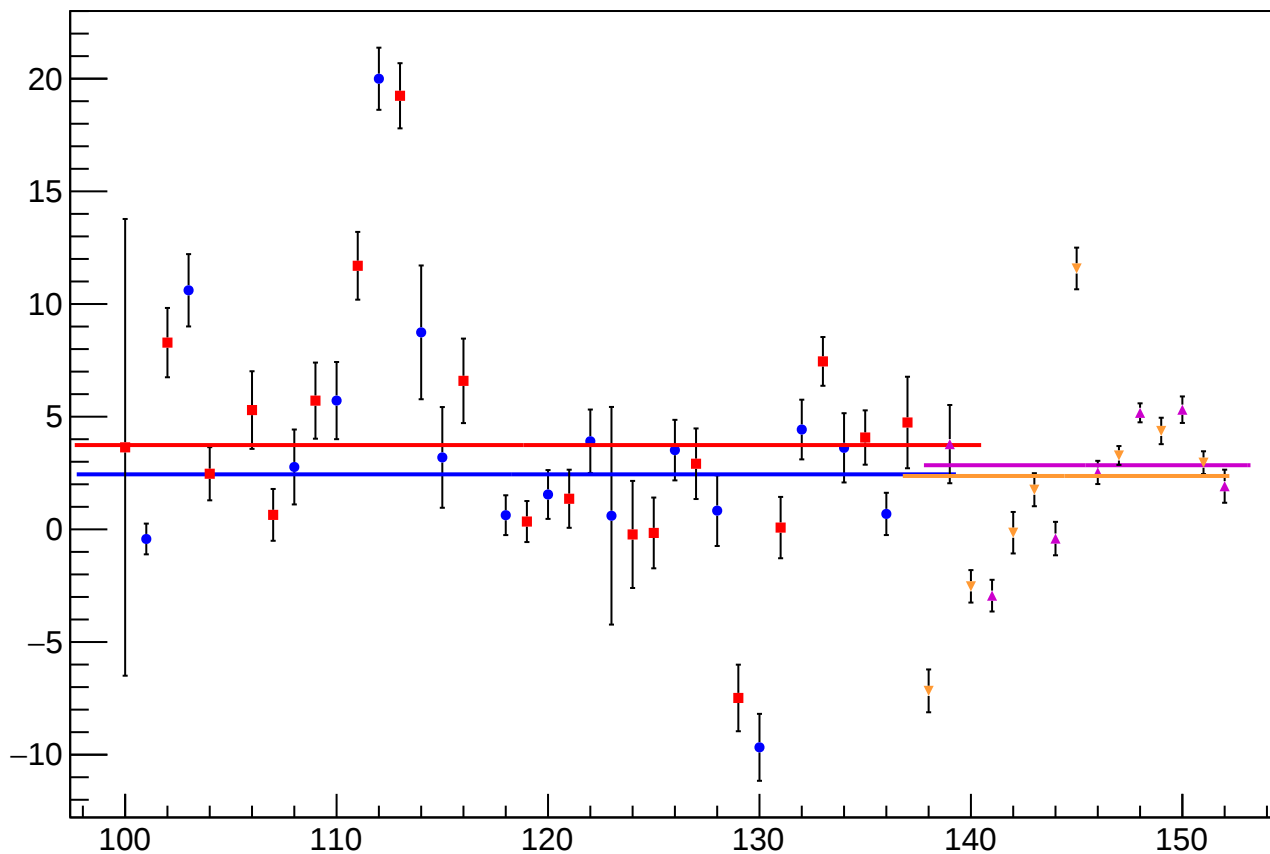
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.177+/-0.353 χ^2/NDF :149.1/6

Out: -34.984+/-0.347 χ^2/NDF :577.9/7

All: -36.059+/-0.247 χ^2/NDF : 746.6/14

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 2.369 $\pm$ 0.225 χ^2 /NDF:272.0/7

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: 2.846 $\pm$ 0.234 χ^2 /NDF:137.3/6

Left: 2.598 $\pm$ 0.162 χ^2 /NDF: 411.5/14

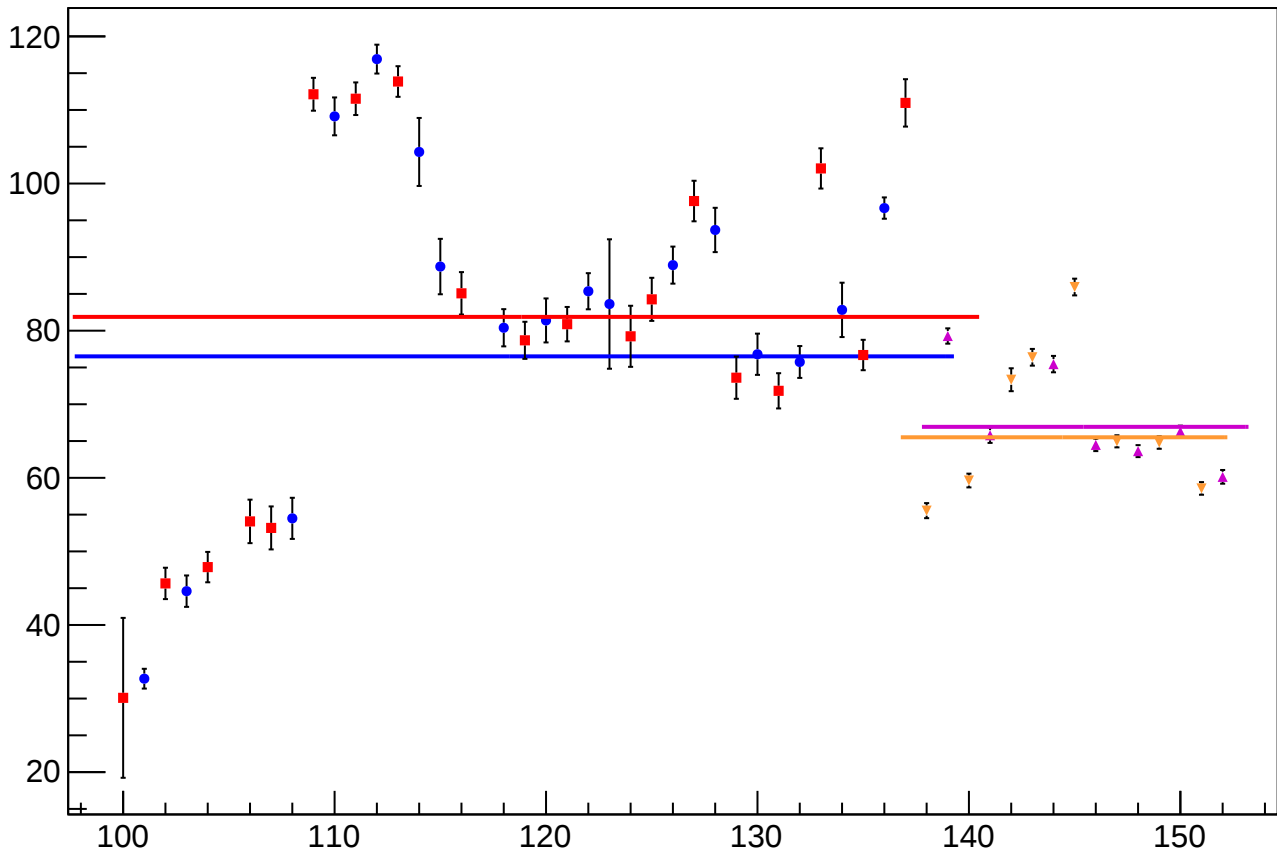
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 2.700 $\pm$ 0.187 χ^2 /NDF:433.1/23

Out: 2.810 $\pm$ 0.185 χ^2 /NDF:552.1/26

All: 2.756 $\pm$ 0.132 χ^2 /NDF: 985.3/50

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: 65.511 $\pm$ 0.348 χ^2 /NDF: 639.9/7

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 66.930 $\pm$ 0.349 χ^2 /NDF: 278.9/6

Left: 66.219 $\pm$ 0.247 χ^2 /NDF: 927.1/14

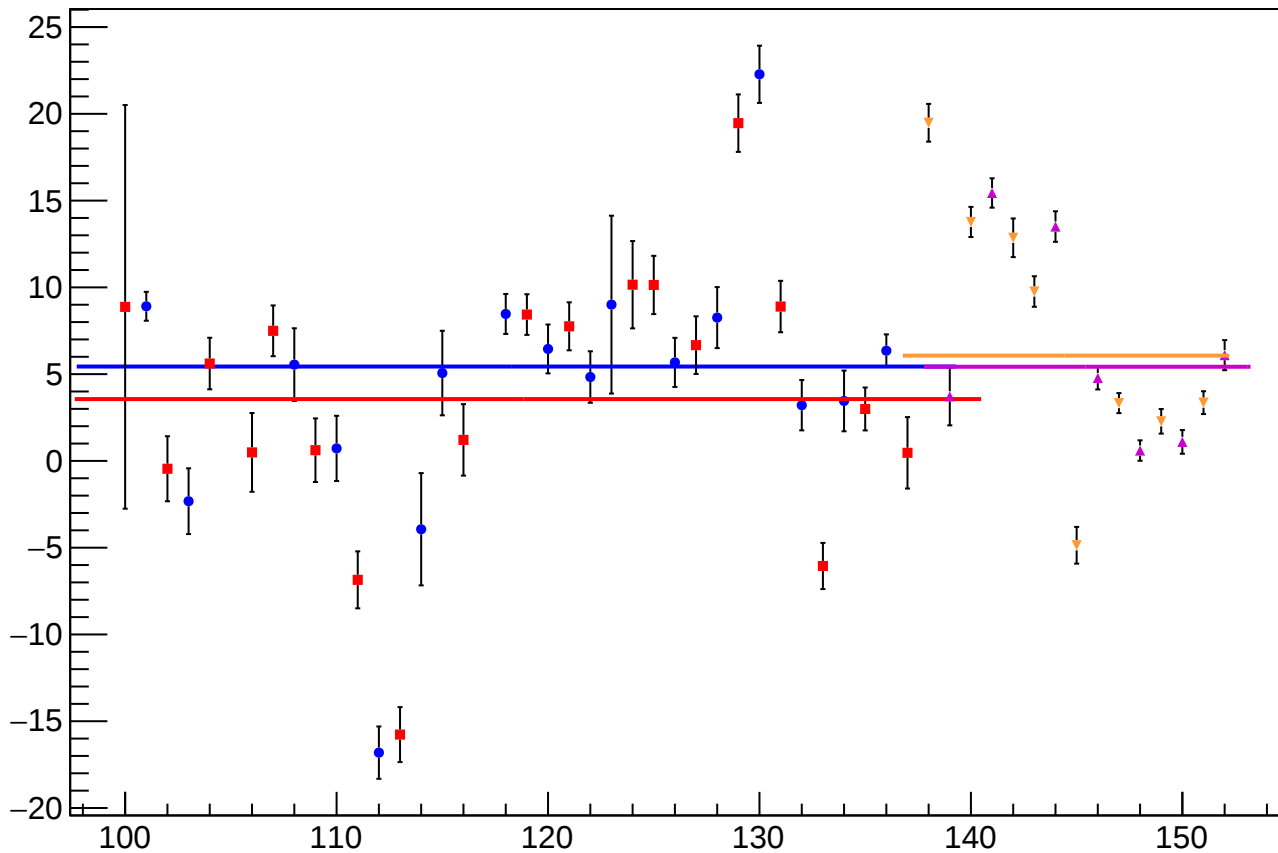
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 69.516 $\pm$ 0.298 χ^2 /NDF: 2733.0/23

Out: 69.720 $\pm$ 0.300 χ^2 /NDF: 2778.7/26

All: 69.617 $\pm$ 0.212 χ^2 /NDF: 5511.9/50

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: 6.067 ± 0.283 $\chi^2/\text{NDF}: 460.0/7$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 5.426 ± 0.292 $\chi^2/\text{NDF}: 334.5/6$

Left: 5.757 ± 0.203 $\chi^2/\text{NDF}: 796.9/14$

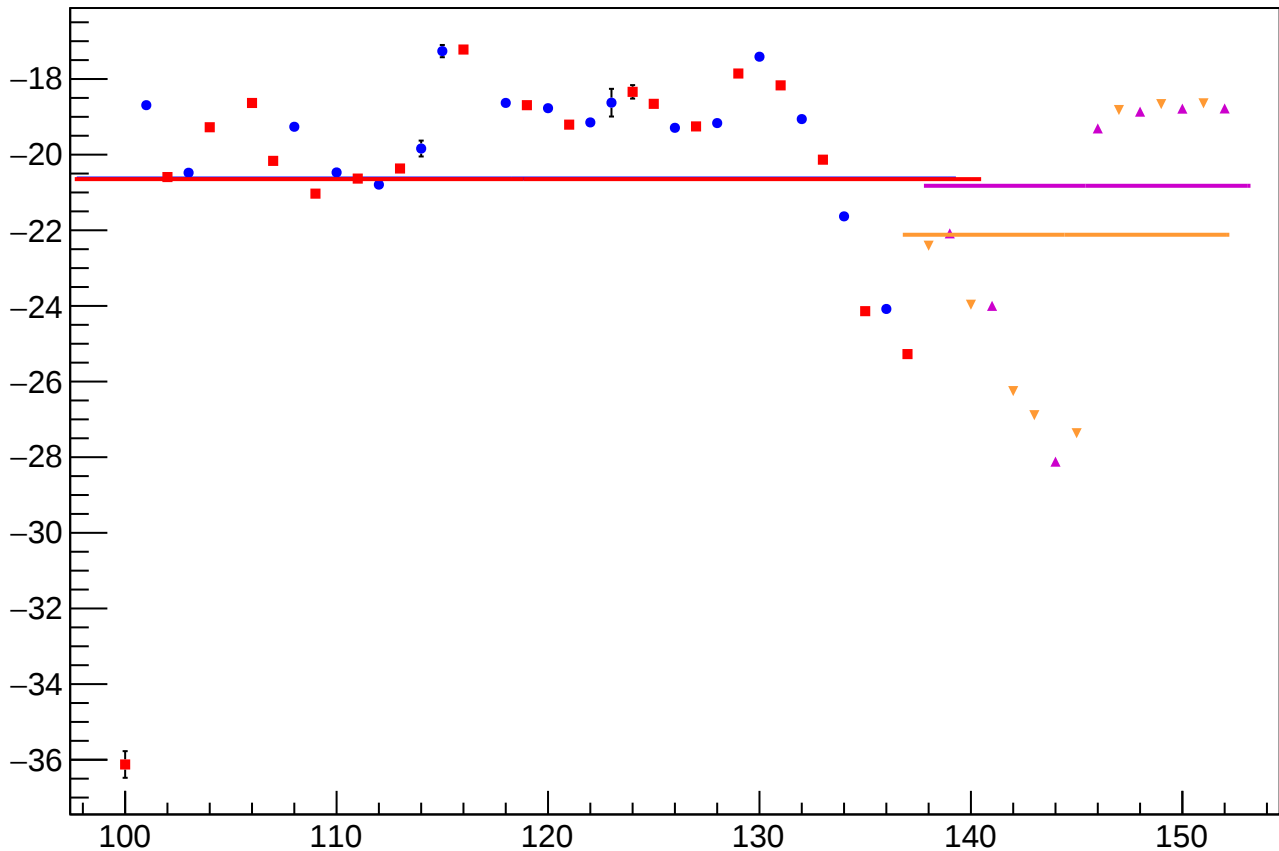
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.431 ± 0.226 $\chi^2/\text{NDF}: 720.6/23$

Out: 5.157 ± 0.226 $\chi^2/\text{NDF}: 909.2/26$

All: 5.294 ± 0.160 $\chi^2/\text{NDF}: 1630.6/50$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -22.118 ± 0.015 $\chi^2/\text{NDF}: 55584.0/7$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -20.823 ± 0.015 $\chi^2/\text{NDF}: 40279.4/6$

Left: -21.457 ± 0.010 $\chi^2/\text{NDF}: 99757.4/14$

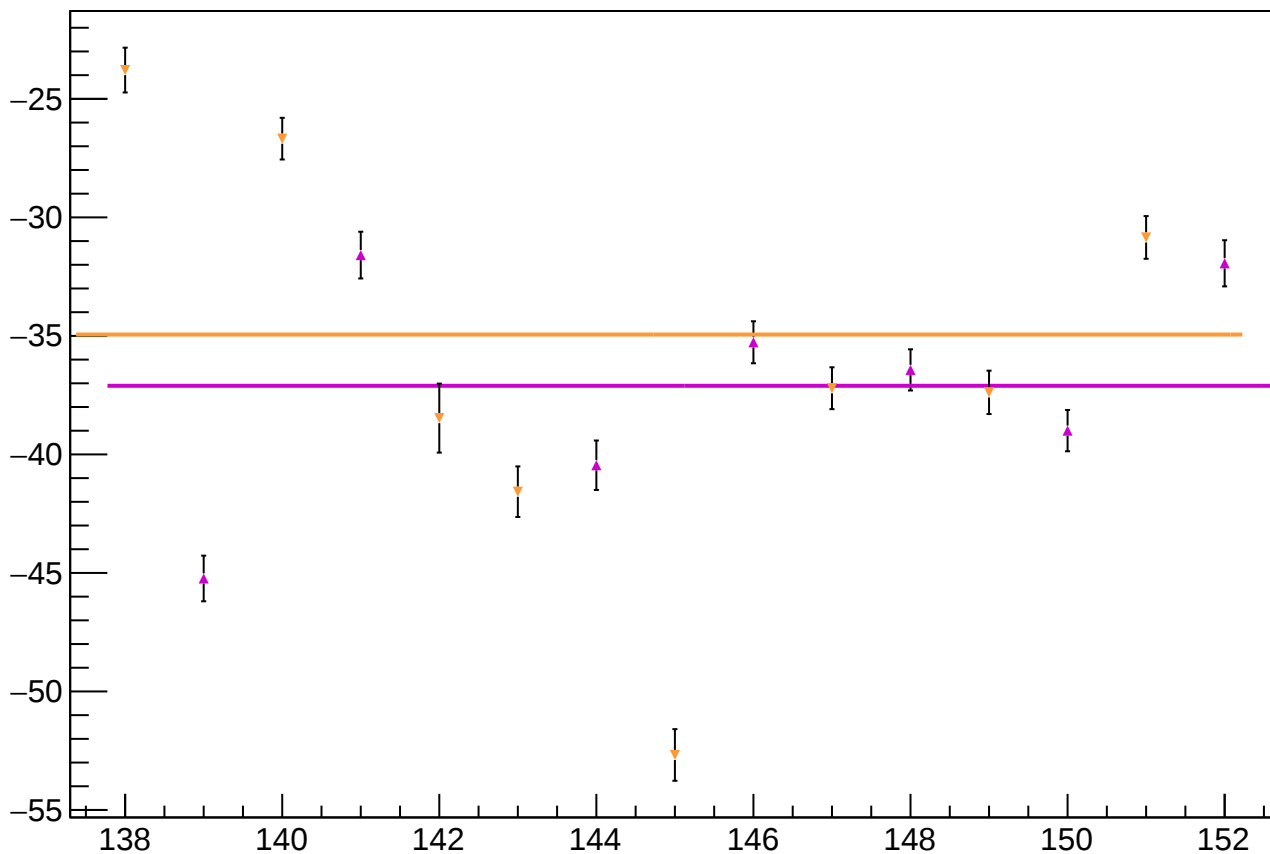
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -20.754 ± 0.012 $\chi^2/\text{NDF}: 52844.2/23$

Out: -21.577 ± 0.012 $\chi^2/\text{NDF}: 73115.1/26$

All: -21.159 ± 0.008 $\chi^2/\text{NDF}: 128435.9/50$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.943+/-0.347 χ^2/NDF :571.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.105+/-0.354 χ^2/NDF :150.7/6

Left: -36.003+/-0.248 χ^2/NDF : 741.3/14

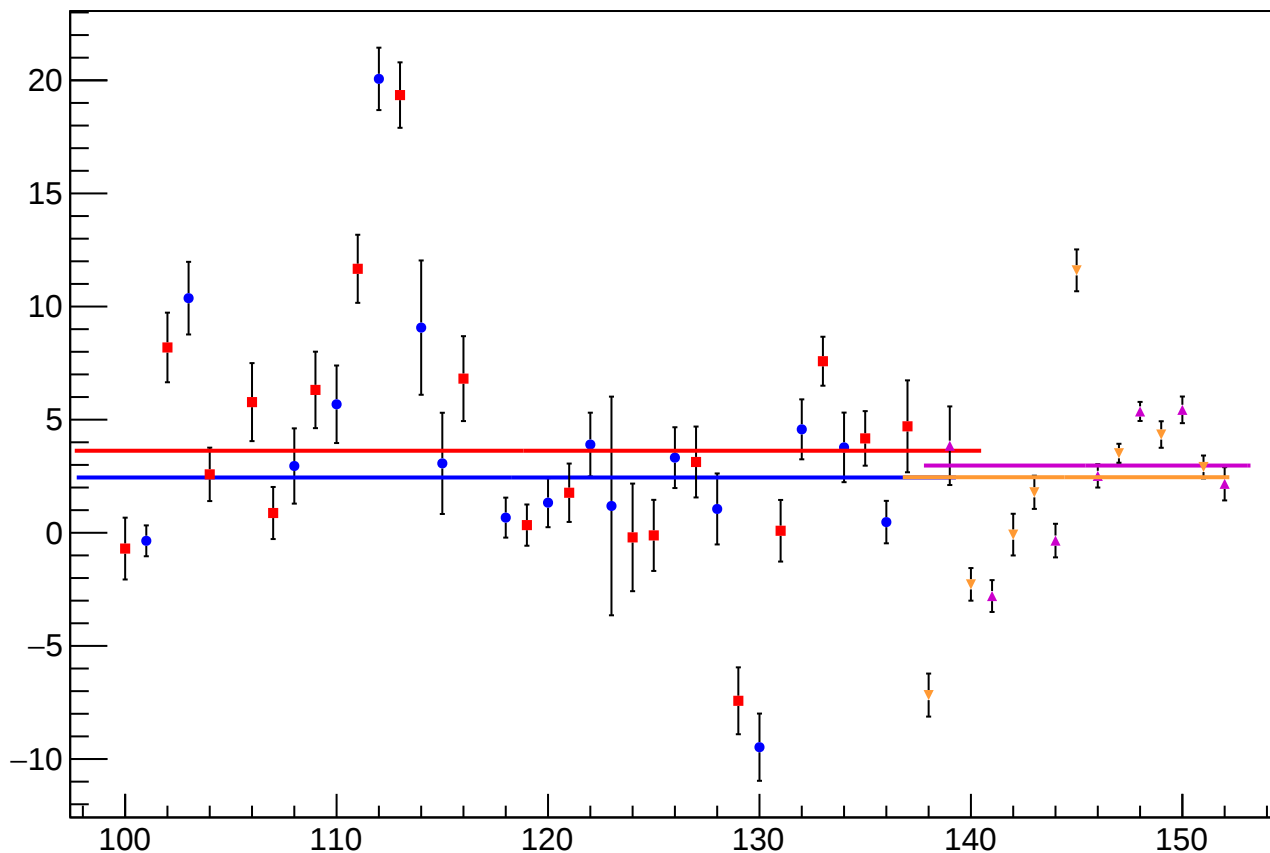
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.105+/-0.354 χ^2/NDF :150.7/6

Out: -34.943+/-0.347 χ^2/NDF :571.5/7

All: -36.003+/-0.248 χ^2/NDF : 741.3/14

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.456 $\pm$ 0.225 χ^2 /NDF:269.4/7

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 2.972 $\pm$ 0.234 χ^2 /NDF:139.1/6

Left: 2.704 $\pm$ 0.162 χ^2 /NDF: 411.0/14

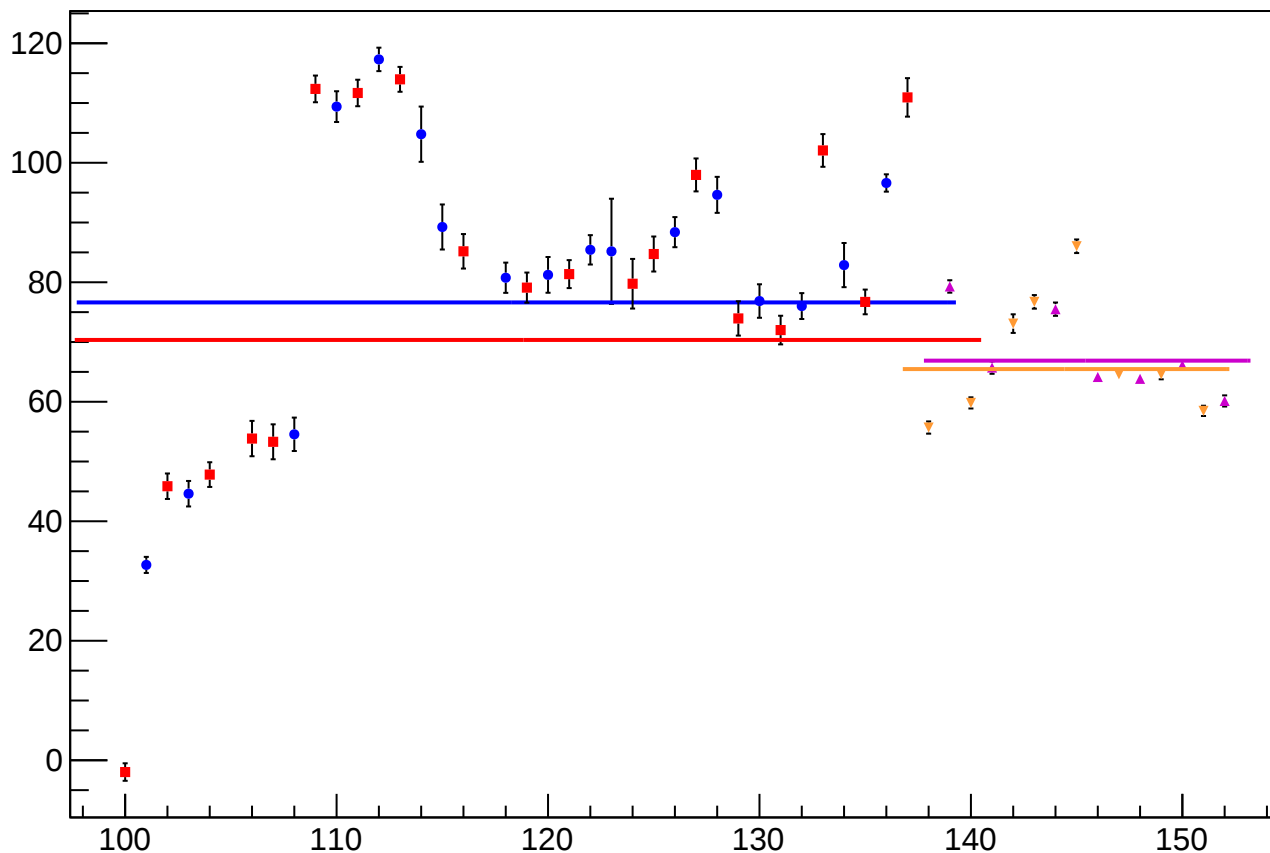
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.782 $\pm$ 0.187 χ^2 /NDF:433.6/23

Out: 2.847 $\pm$ 0.184 χ^2 /NDF:557.3/26

All: 2.815 $\pm$ 0.131 χ^2 /NDF: 991.0/50

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: 65.471 $\pm$ 0.348 χ^2 /NDF: 643.9/7

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 66.882 $\pm$ 0.349 χ^2 /NDF: 280.5/6

Left: 66.175 $\pm$ 0.247 χ^2 /NDF: 932.5/14

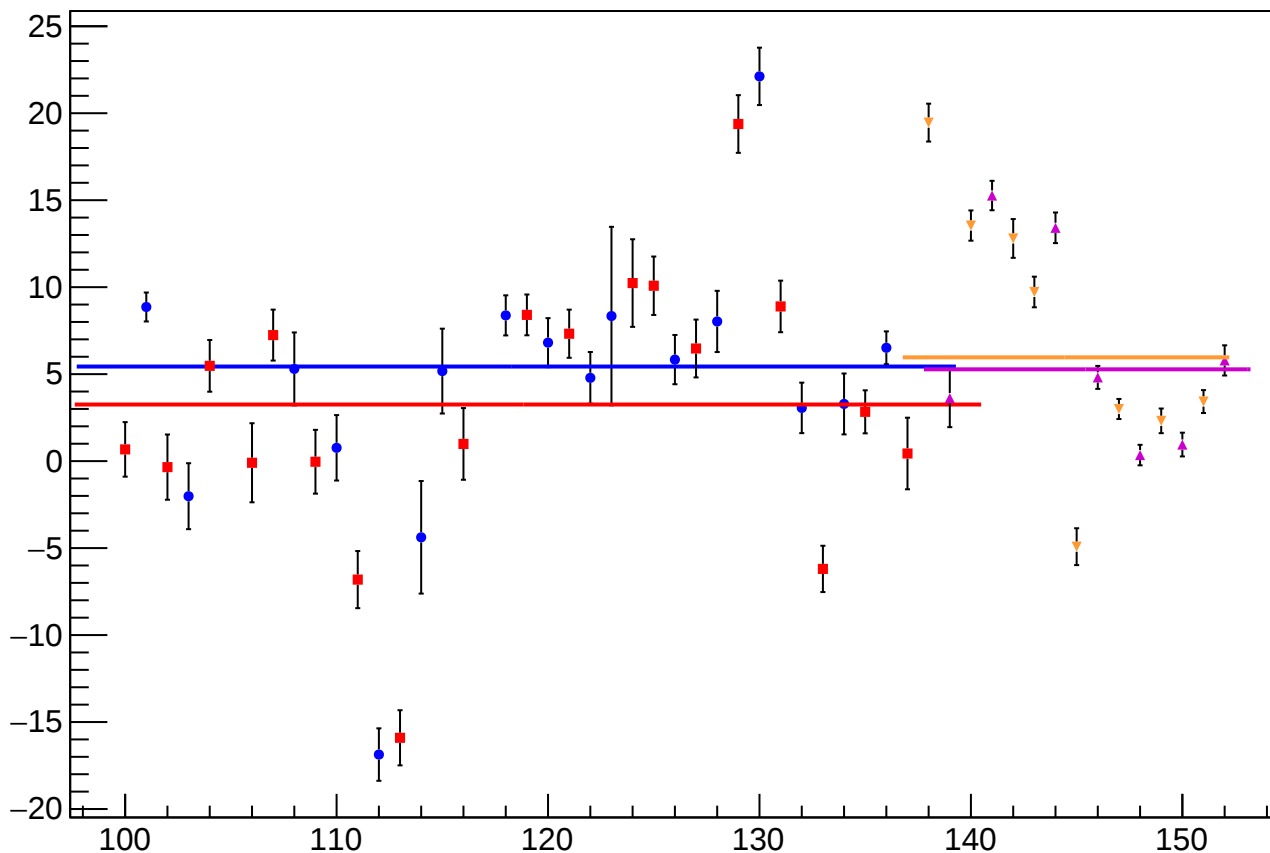
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 69.513 $\pm$ 0.298 χ^2 /NDF: 2753.3/23

Out: 66.869 $\pm$ 0.294 χ^2 /NDF: 5088.1/26

All: 68.172 $\pm$ 0.210 χ^2 /NDF: 7881.2/50

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: 5.965 ± 0.283 $\chi^2/\text{NDF}: 458.8/7$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 5.276 ± 0.293 $\chi^2/\text{NDF}: 336.5/6$

Left: 5.632 ± 0.204 $\chi^2/\text{NDF}: 798.3/14$

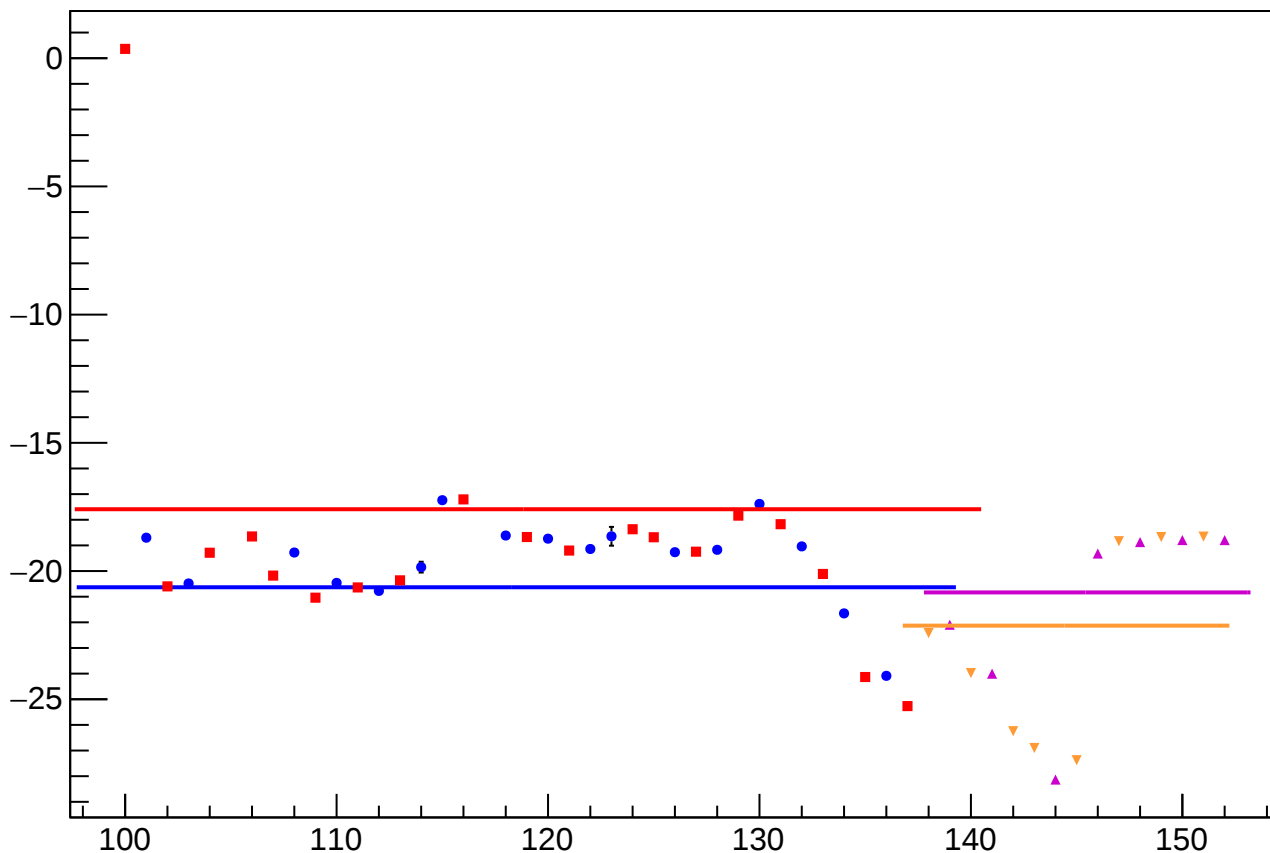
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 5.341 ± 0.227 $\chi^2/\text{NDF}: 721.2/23$

Out: 4.946 ± 0.224 $\chi^2/\text{NDF}: 917.0/26$

All: 5.141 ± 0.159 $\chi^2/\text{NDF}: 1639.7/50$

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: -22.129 ± 0.015 $\chi^2/\text{NDF}: 55447.3/7$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.833 ± 0.015 $\chi^2/\text{NDF}: 40234.1/6$

Left: -21.468 ± 0.010 $\chi^2/\text{NDF}: 99574.0/14$

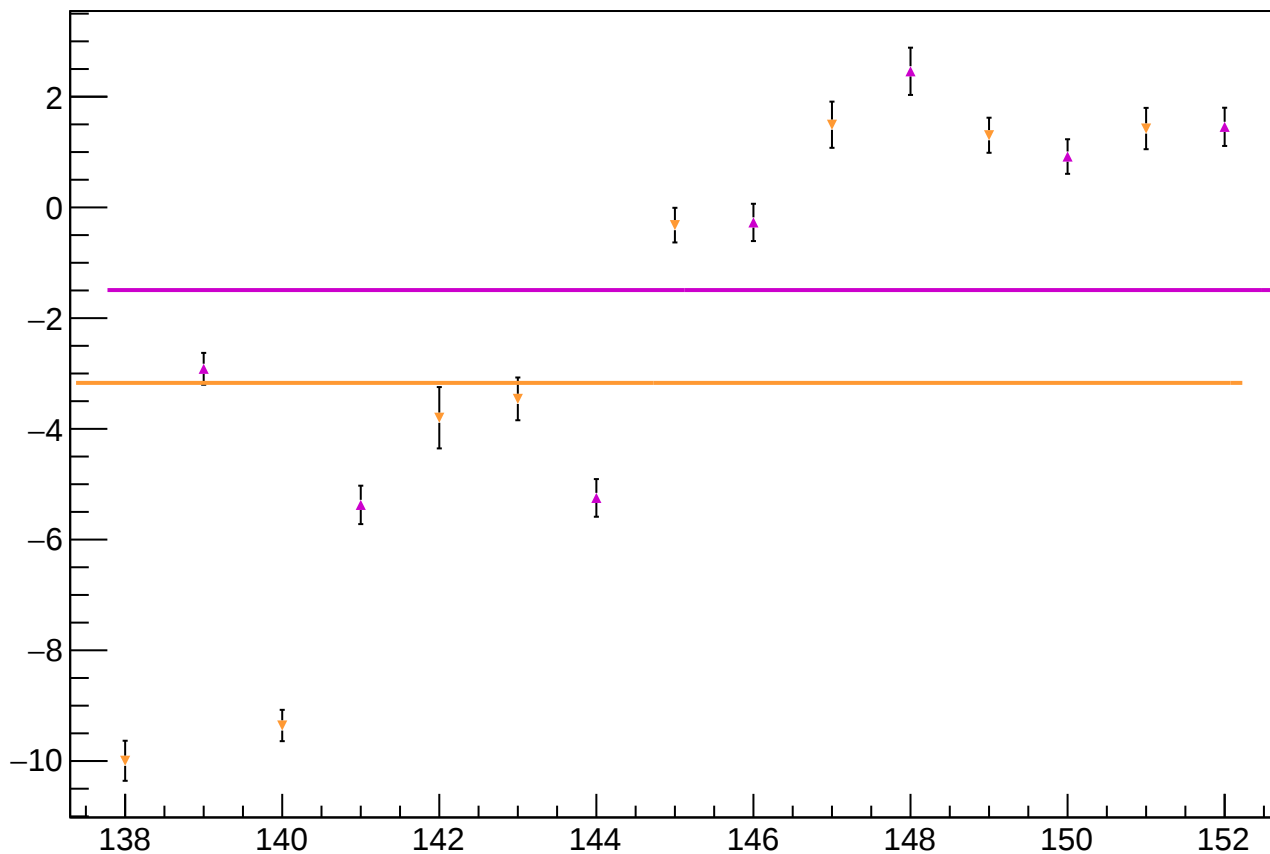
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.761 ± 0.012 $\chi^2/\text{NDF}: 52846.7/23$

Out: -20.295 ± 0.011 $\chi^2/\text{NDF}: 271971.6/26$

All: -20.524 ± 0.008 $\chi^2/\text{NDF}: 325635.7/50$

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: -3.169 ± 0.126 χ^2/NDF : 1395.2/7

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -1.493 ± 0.127 χ^2/NDF : 502.8/6

Left: -2.339 ± 0.089 χ^2/NDF : 1986.0/14

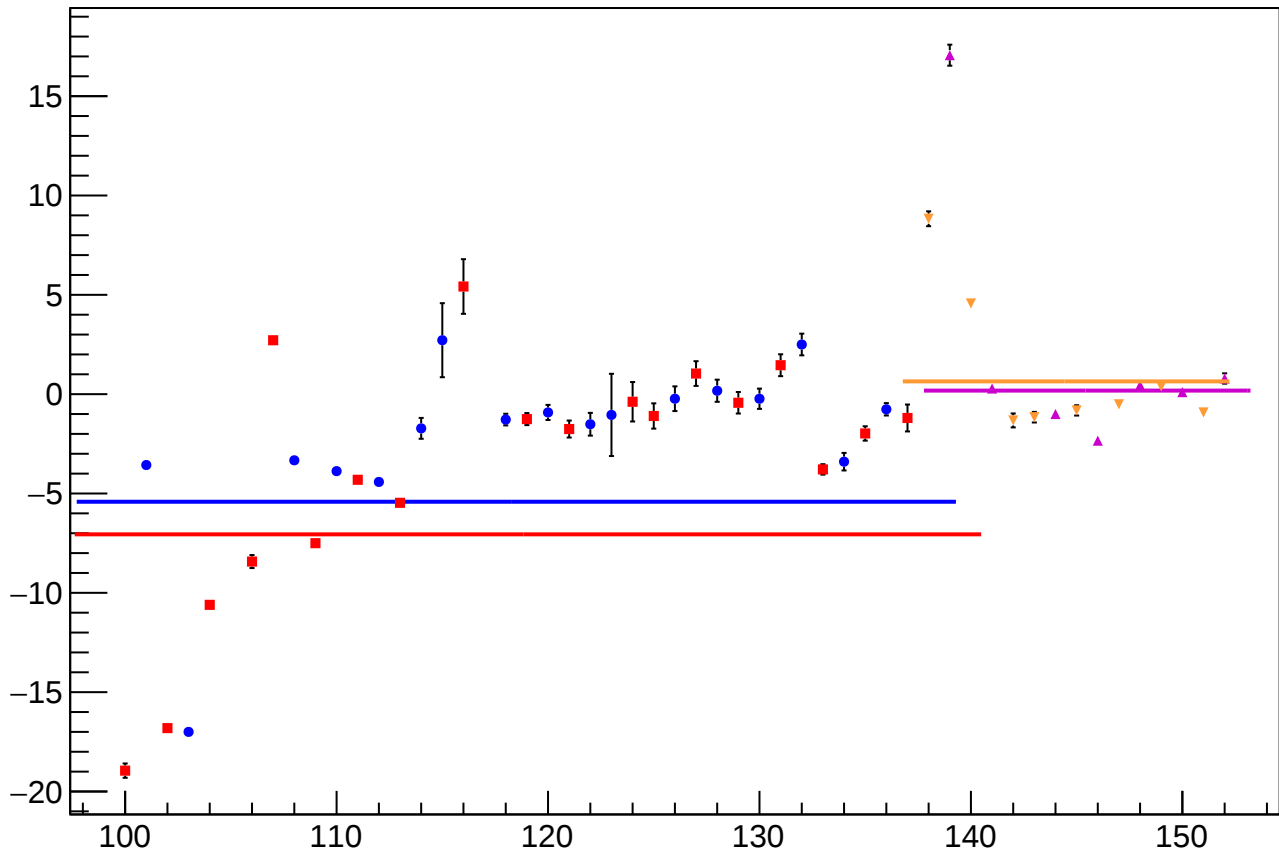
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -1.493 ± 0.127 χ^2/NDF : 502.8/6

Out: -3.169 ± 0.126 χ^2/NDF : 1395.2/7

All: -2.339 ± 0.089 χ^2/NDF : 1986.0/14

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.643 ± 0.087 χ^2/NDF : 949.5/7

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.180 ± 0.092 χ^2/NDF : 1188.7/6

Left: 0.424 ± 0.063 χ^2/NDF : 2151.5/14

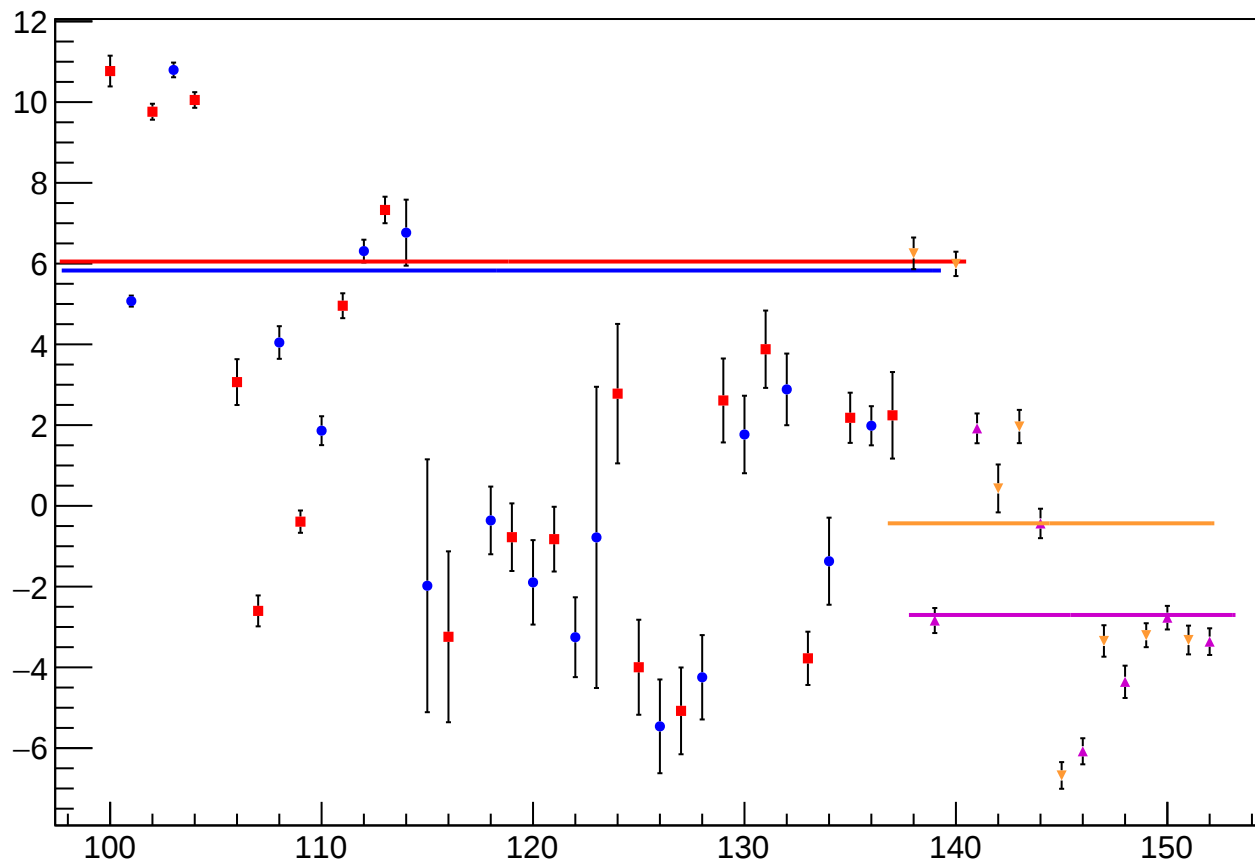
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -3.954 ± 0.047 χ^2/NDF : 13170.8/23

Out: -4.642 ± 0.049 χ^2/NDF : 18618.7/26

All: -4.285 ± 0.034 χ^2/NDF : 31892.5/50

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: -0.433 ± 0.128 $\chi^2/\text{NDF}: 1346.8/7$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -2.702 ± 0.127 $\chi^2/\text{NDF}: 326.3/6$

Left: -1.574 ± 0.090 $\chi^2/\text{NDF}: 1831.8/14$

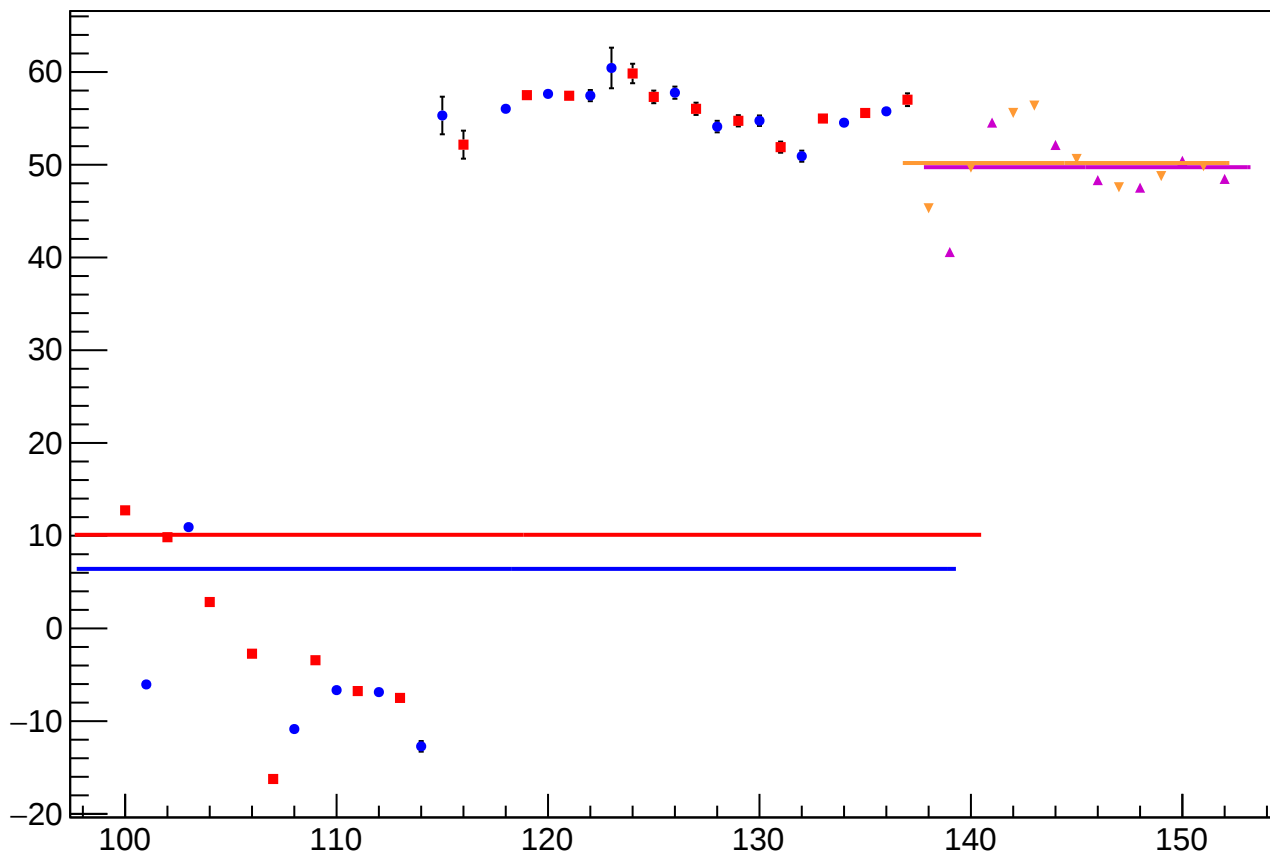
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.993 ± 0.073 $\chi^2/\text{NDF}: 4786.8/23$

Out: 3.796 ± 0.075 $\chi^2/\text{NDF}: 5700.5/26$

All: 3.383 ± 0.053 $\chi^2/\text{NDF}: 10545.7/50$

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: 50.187 ± 0.107 χ^2/NDF : 799.5/7

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.737 ± 0.112 χ^2/NDF : 759.8/6

Left: 49.971 ± 0.077 χ^2/NDF : 1567.8/14

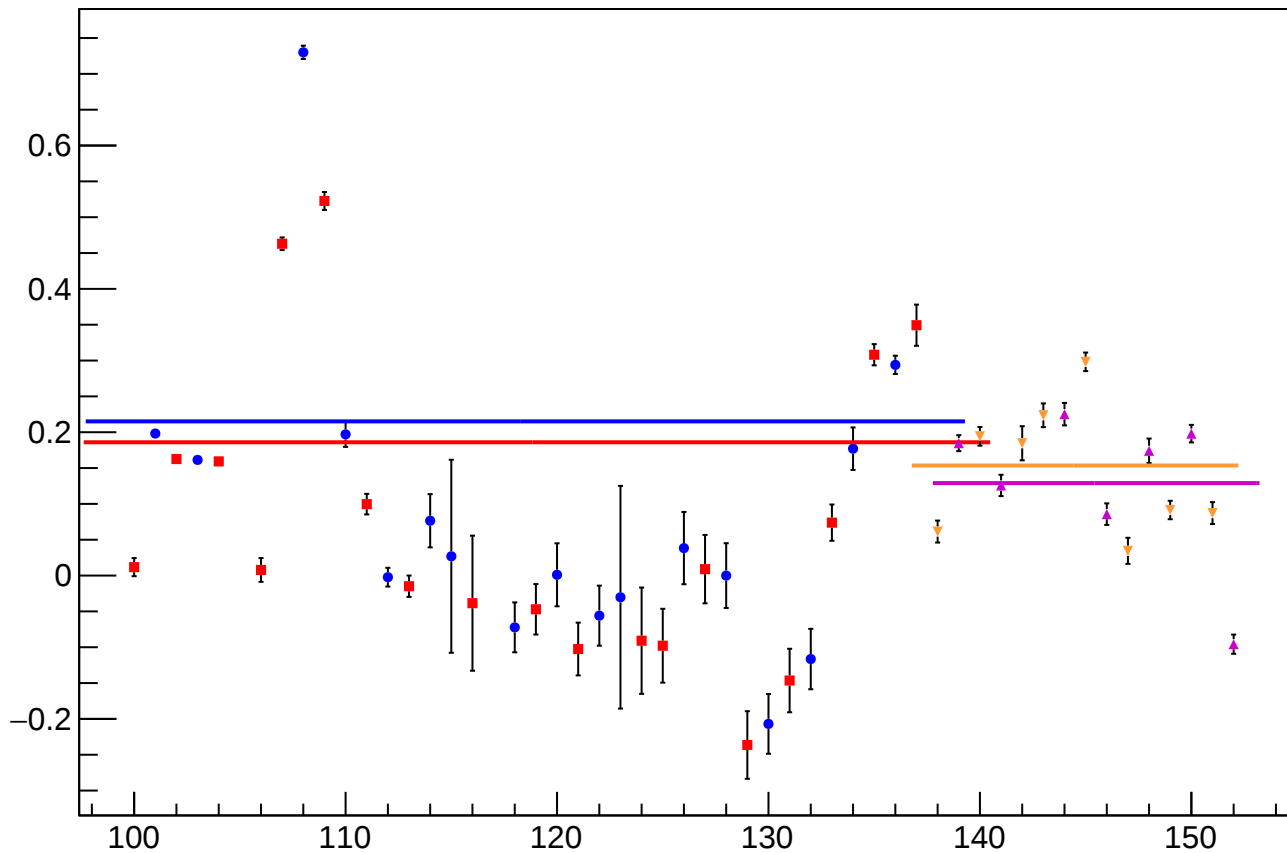
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 17.328 ± 0.056 χ^2/NDF : 236616.7/23

Out: 21.994 ± 0.058 χ^2/NDF : 221082.8/26

All: 19.561 ± 0.040 χ^2/NDF : 461023.0/50

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: 0.154 $\pm$ 0.005 χ^2/NDF : 275.2/7

Right Out: 0.186 $\pm$ 0.003 χ^2/NDF : 2719.3/18

Left In: 0.129 $\pm$ 0.005 χ^2/NDF : 390.6/6

Left: 0.141 $\pm$ 0.004 χ^2/NDF : 676.6/14

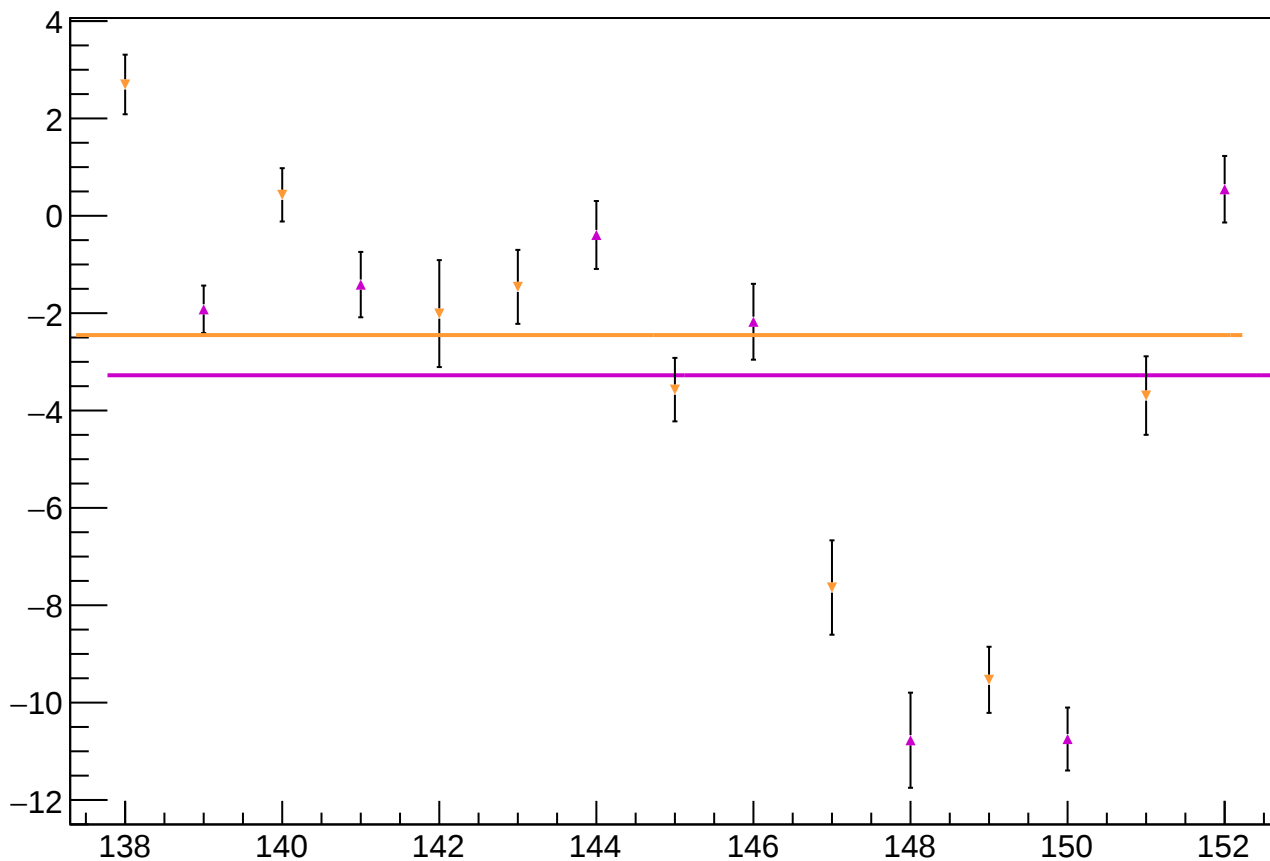
Right: 0.200 $\pm$ 0.002 χ^2/NDF : 6703.5/35

In: 0.196 $\pm$ 0.002 χ^2/NDF : 4530.2/23

Out: 0.179 $\pm$ 0.002 χ^2/NDF : 3023.8/26

All: 0.188 $\pm$ 0.002 χ^2/NDF : 7577.9/50

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: -2.450+/-0.252 χ^2/NDF :243.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.276+/-0.252 χ^2/NDF :258.2/6

Left: -2.863+/-0.178 χ^2/NDF : 506.5/14

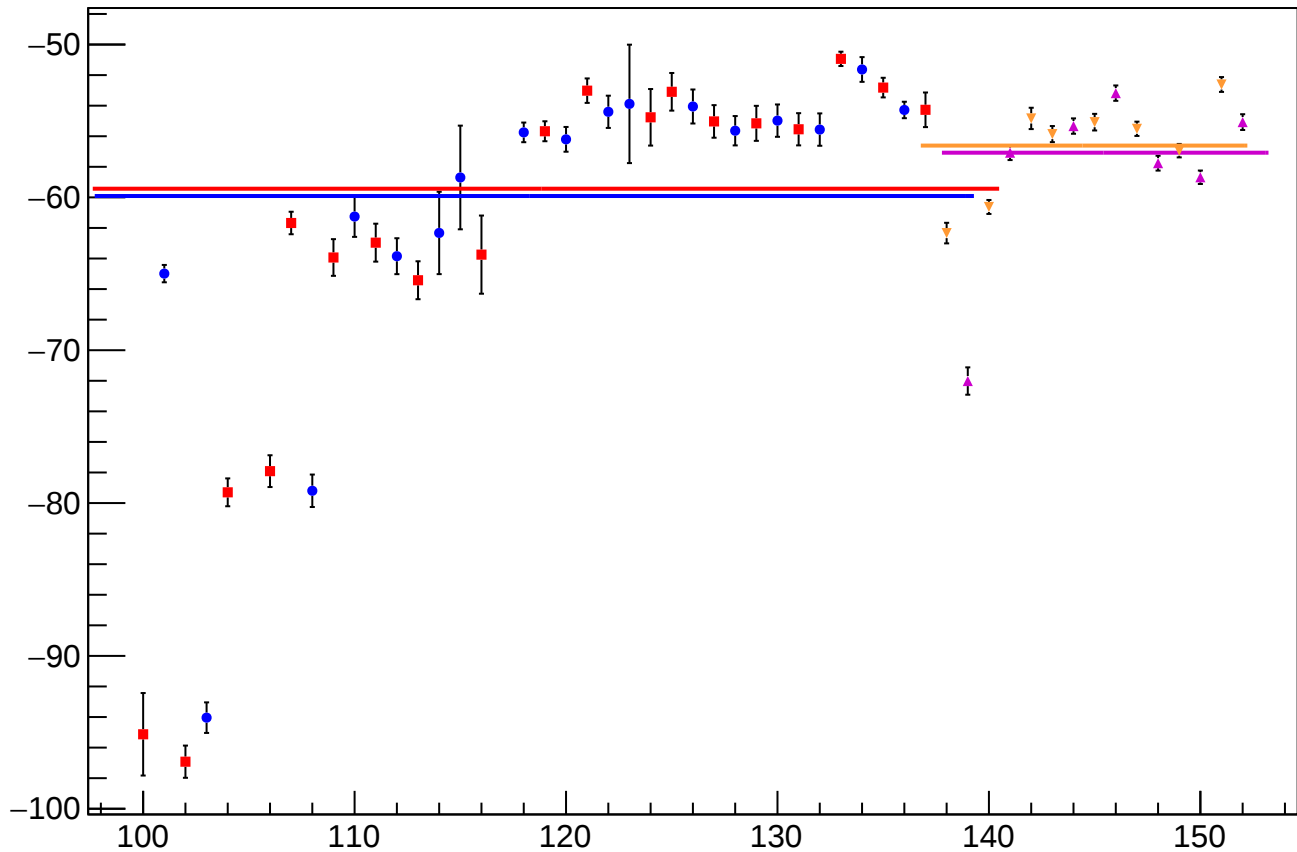
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.276+/-0.252 χ^2/NDF :258.2/6

Out: -2.450+/-0.252 χ^2/NDF :243.0/7

All: -2.863+/-0.178 χ^2/NDF : 506.5/14

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -56.611 ± 0.183 χ^2/NDF : 239.8/7

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -57.077 ± 0.194 χ^2/NDF : 381.1/6

Left: -56.830 ± 0.133 χ^2/NDF : 624.0/14

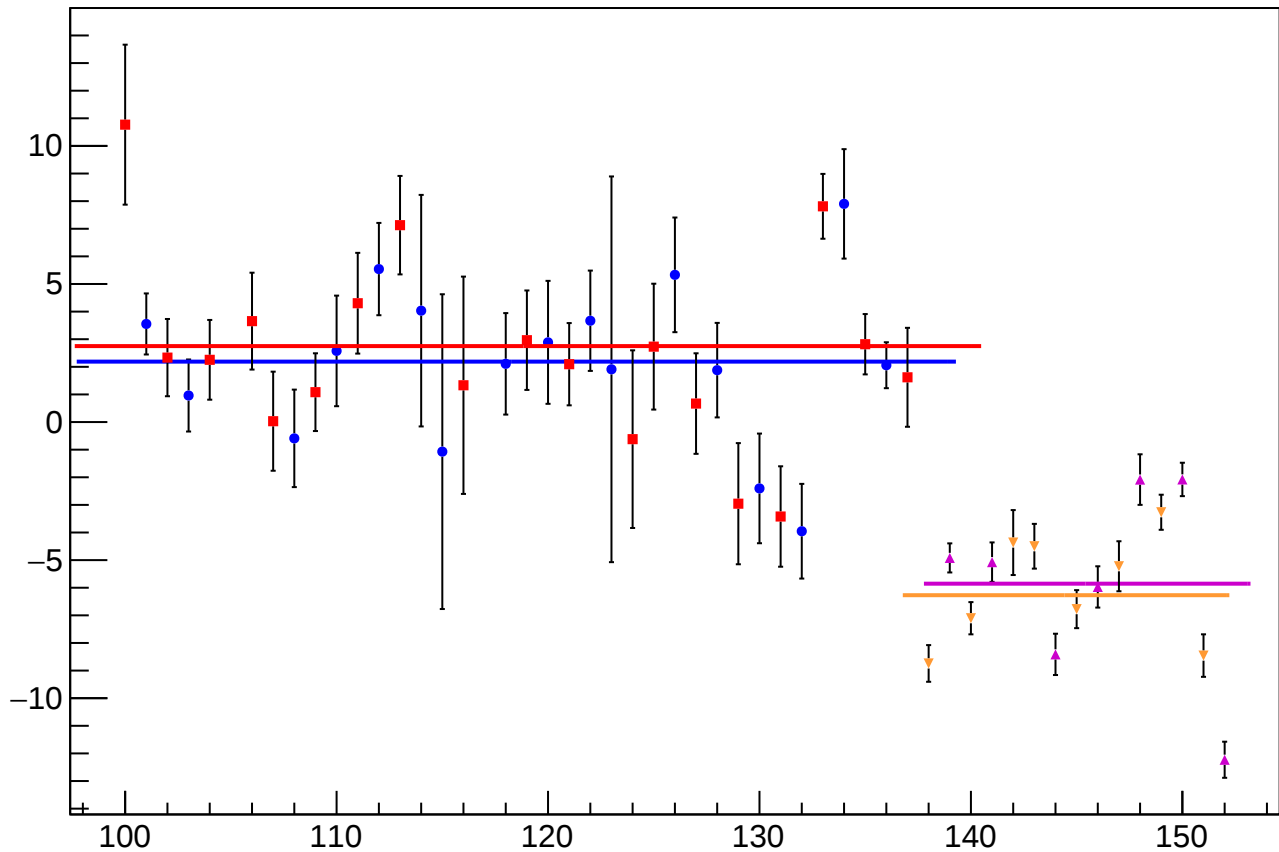
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -58.295 ± 0.146 χ^2/NDF : 2453.8/23

Out: -57.815 ± 0.138 χ^2/NDF : 3260.6/26

All: -58.041 ± 0.100 χ^2/NDF : 5720.1/50

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: -6.270 ± 0.259 $\chi^2/\text{NDF}: 55.6/7$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -5.853 ± 0.255 $\chi^2/\text{NDF}: 167.1/6$

Left: -6.059 ± 0.182 $\chi^2/\text{NDF}: 224.0/14$

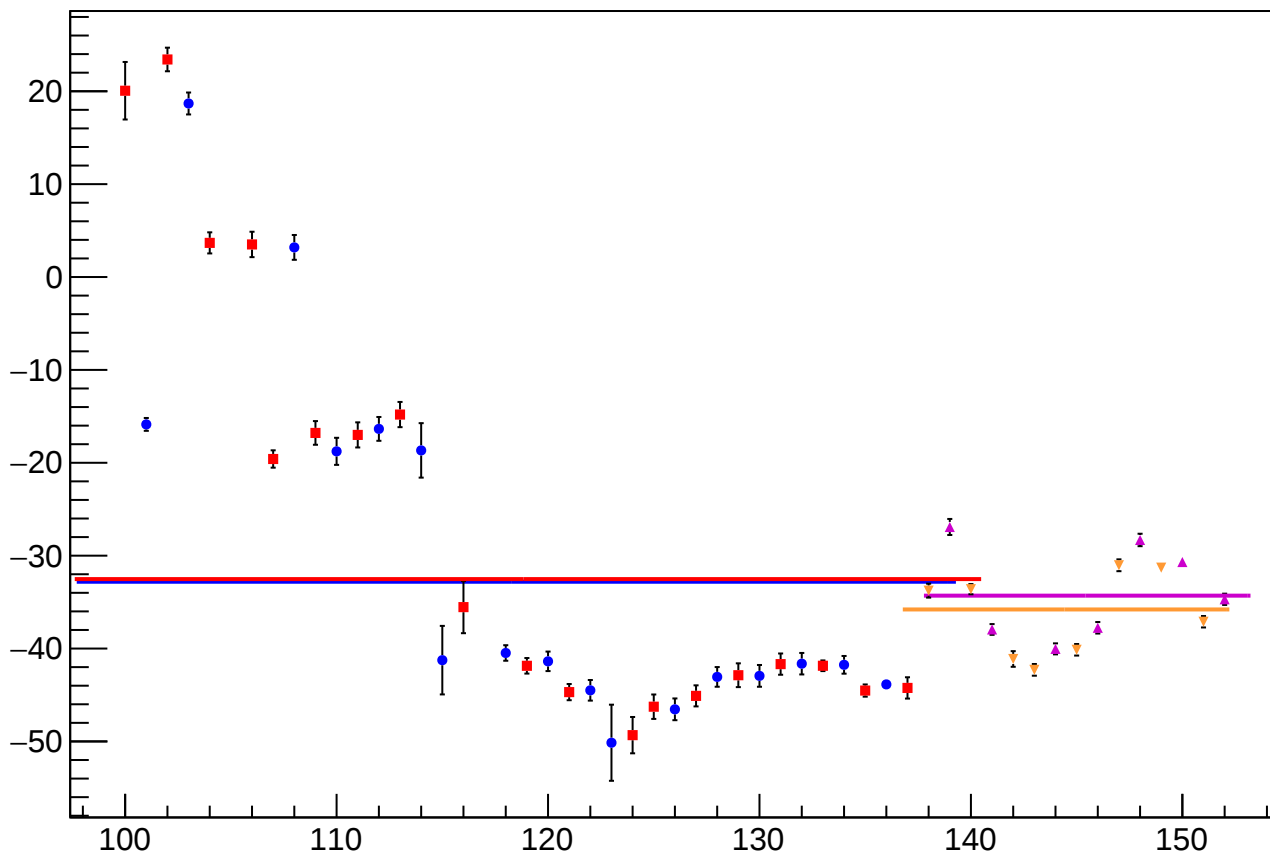
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -3.570 ± 0.216 $\chi^2/\text{NDF}: 489.1/23$

Out: -3.488 ± 0.215 $\chi^2/\text{NDF}: 489.3/26$

All: -3.529 ± 0.152 $\chi^2/\text{NDF}: 978.5/50$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.791 ± 0.222 $\chi^2/\text{NDF}: 350.9/7$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -34.304 ± 0.232 $\chi^2/\text{NDF}: 368.5/6$

Left: -35.080 ± 0.160 $\chi^2/\text{NDF}: 740.8/14$

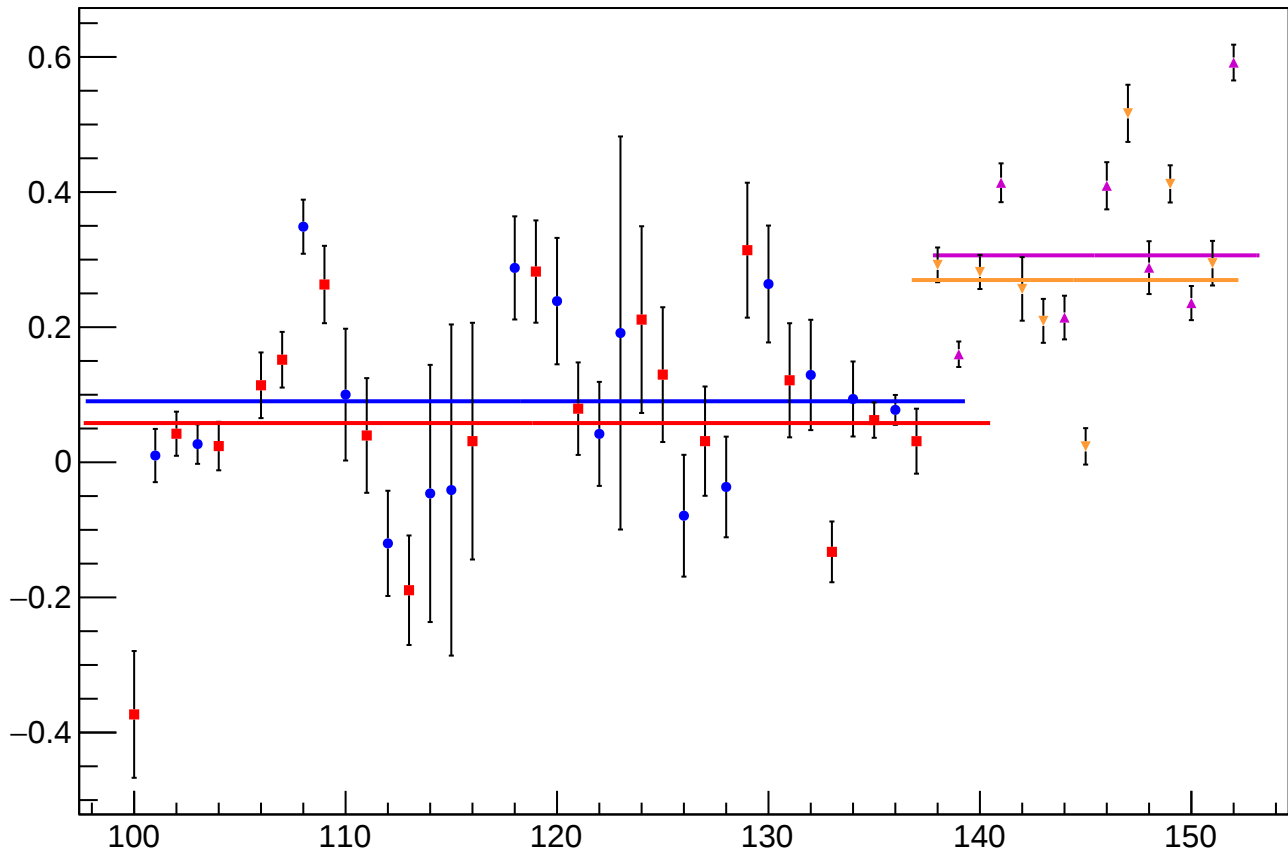
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.624 ± 0.171 $\chi^2/\text{NDF}: 5050.3/23$

Out: -34.307 ± 0.164 $\chi^2/\text{NDF}: 6489.4/26$

All: -33.980 ± 0.119 $\chi^2/\text{NDF}: 11548.0/50$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.270 ± 0.011 $\chi^2/\text{NDF}: 149.2/7$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.306 ± 0.010 $\chi^2/\text{NDF}: 215.1/6$

Left: 0.289 ± 0.007 $\chi^2/\text{NDF}: 370.4/14$

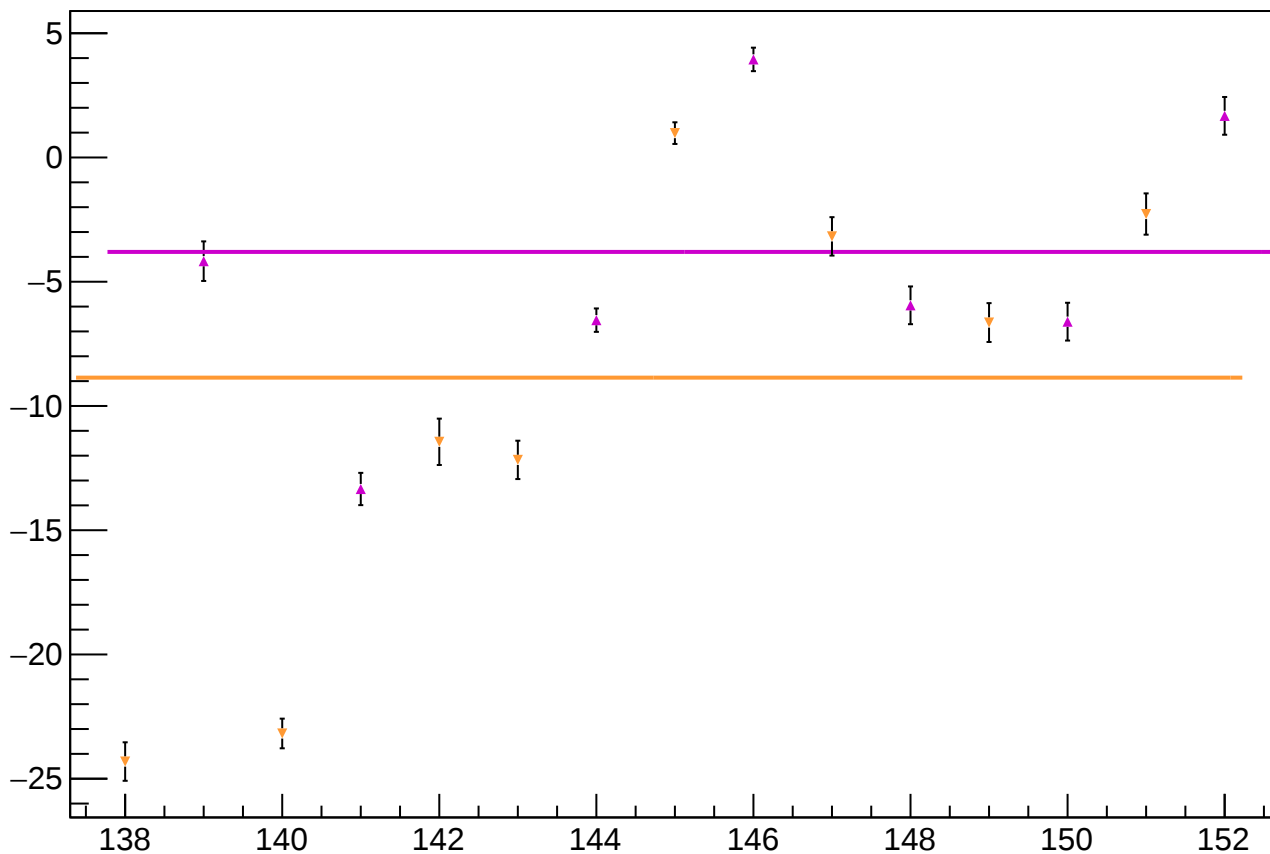
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.221 ± 0.008 $\chi^2/\text{NDF}: 468.7/23$

Out: 0.177 ± 0.008 $\chi^2/\text{NDF}: 406.8/26$

All: 0.199 ± 0.006 $\chi^2/\text{NDF}: 890.6/50$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.860+/-0.240 χ^2/NDF :1634.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.800+/-0.235 χ^2/NDF :592.5/6

Left: -6.273+/-0.168 χ^2/NDF : 2453.3/14

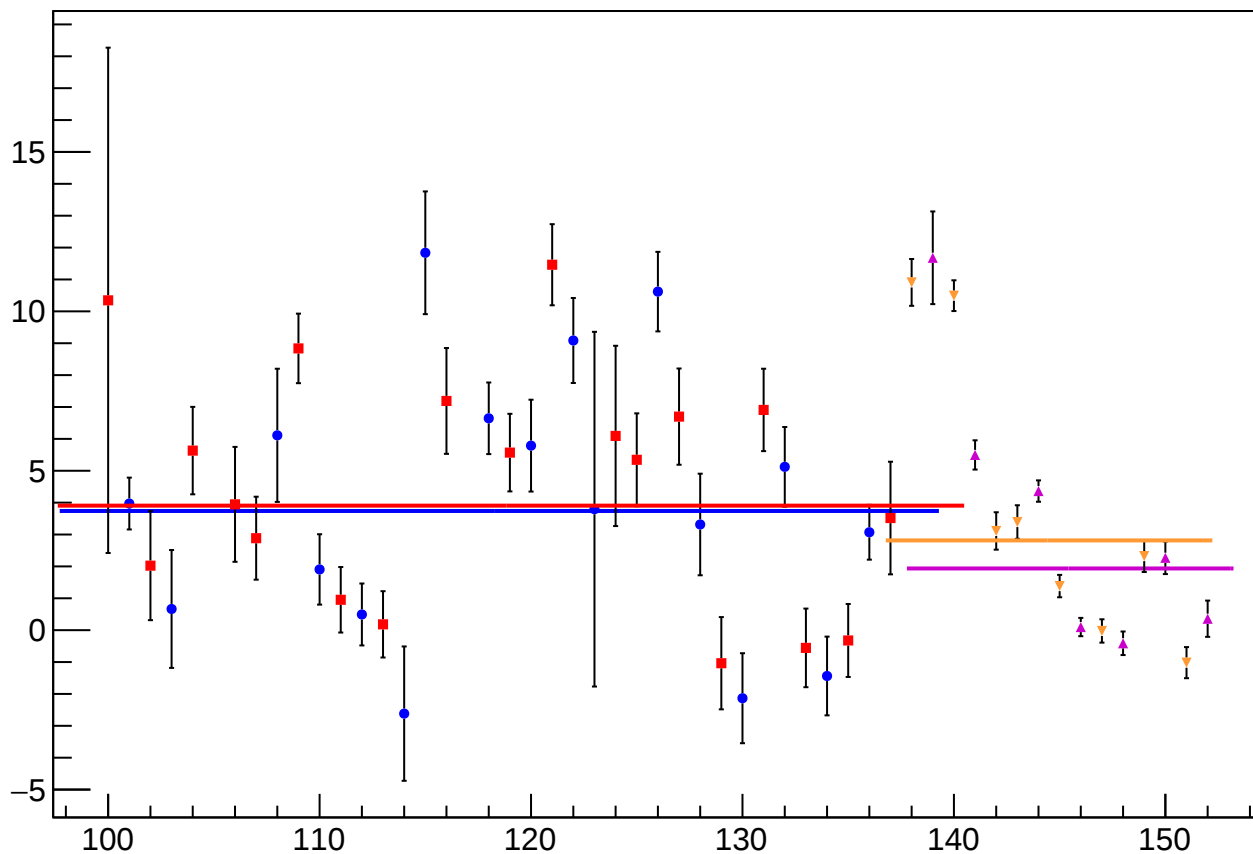
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.800+/-0.235 χ^2/NDF :592.5/6

Out: -8.860+/-0.240 χ^2/NDF :1634.0/7

All: -6.273+/-0.168 χ^2/NDF : 2453.3/14

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.815 $\pm$ 0.166 χ^2 /NDF:515.6/7

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 1.935 $\pm$ 0.157 χ^2 /NDF:247.1/6

Left: 2.352 $\pm$ 0.114 χ^2 /NDF: 777.6/14

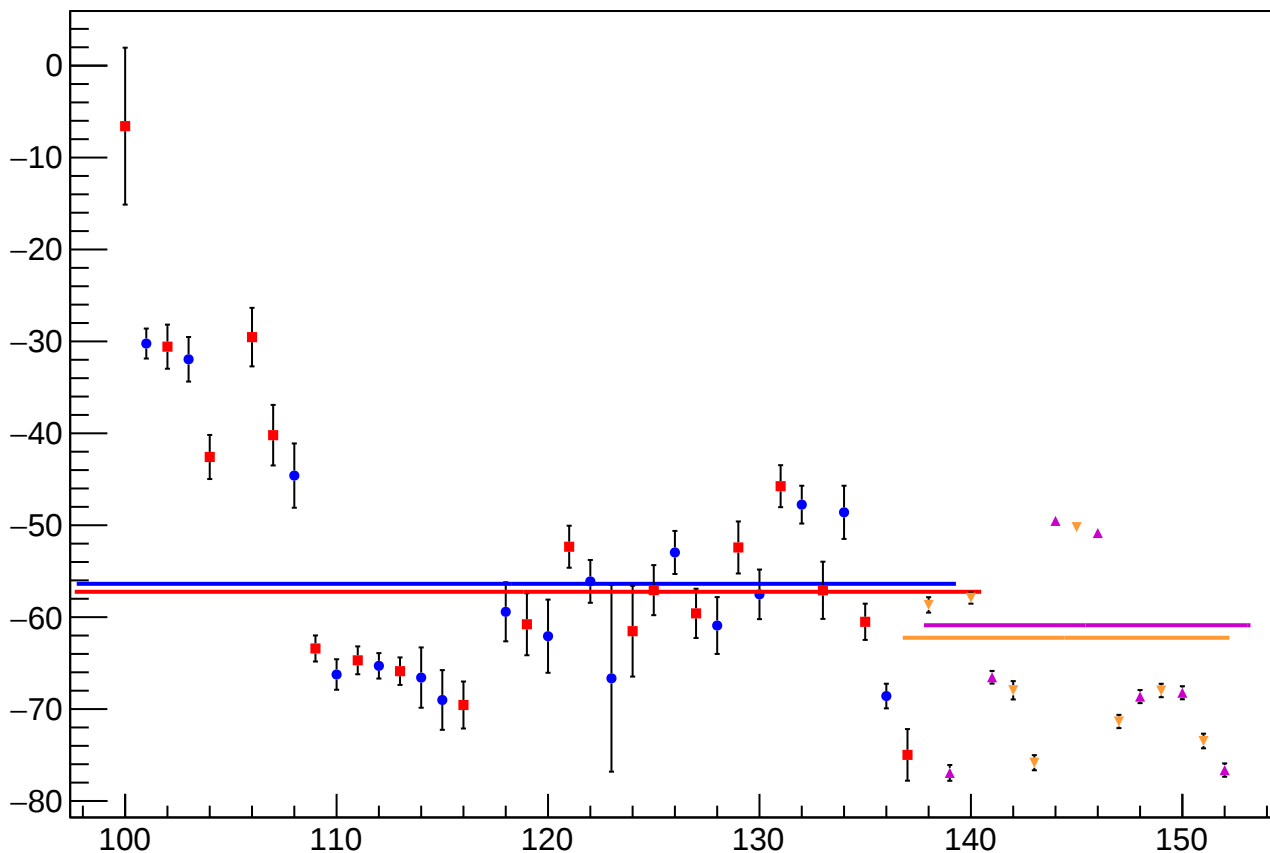
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.306 $\pm$ 0.140 χ^2 /NDF:411.0/23

Out: 3.050 $\pm$ 0.147 χ^2 /NDF:660.5/26

All: 2.661 $\pm$ 0.101 χ^2 /NDF: 1085.0/50

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: -62.241 ± 0.247 $\chi^2/\text{NDF}: 1464.0/7$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -60.879 ± 0.235 $\chi^2/\text{NDF}: 2105.4/6$

Left: -61.527 ± 0.170 $\chi^2/\text{NDF}: 3585.3/14$

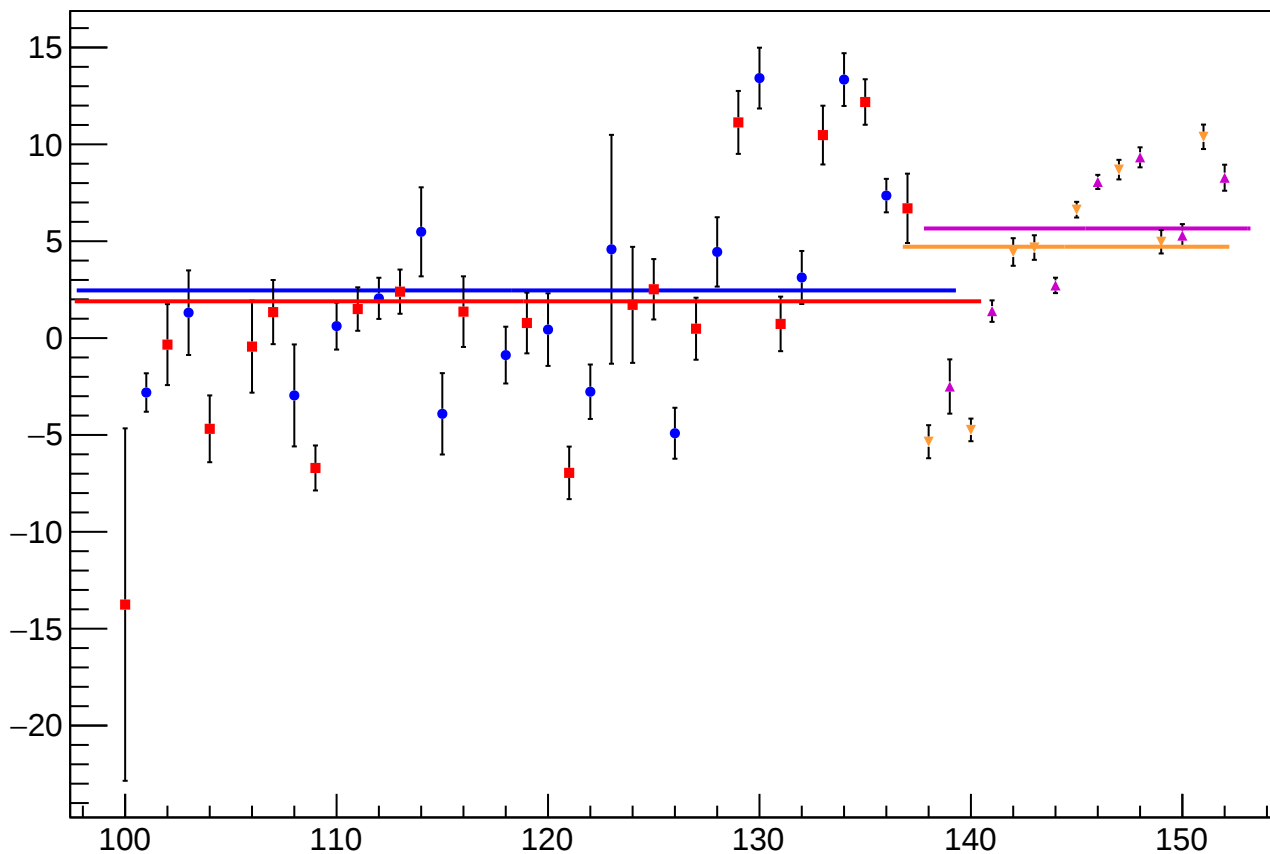
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -60.167 ± 0.216 $\chi^2/\text{NDF}: 2751.0/23$

Out: -61.365 ± 0.224 $\chi^2/\text{NDF}: 2012.1/26$

All: -60.743 ± 0.156 $\chi^2/\text{NDF}: 4777.9/50$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.715 ± 0.204 χ^2/NDF : 566.6/7

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.657 ± 0.195 χ^2/NDF : 257.2/6

Left: 5.209 ± 0.141 χ^2/NDF : 835.0/14

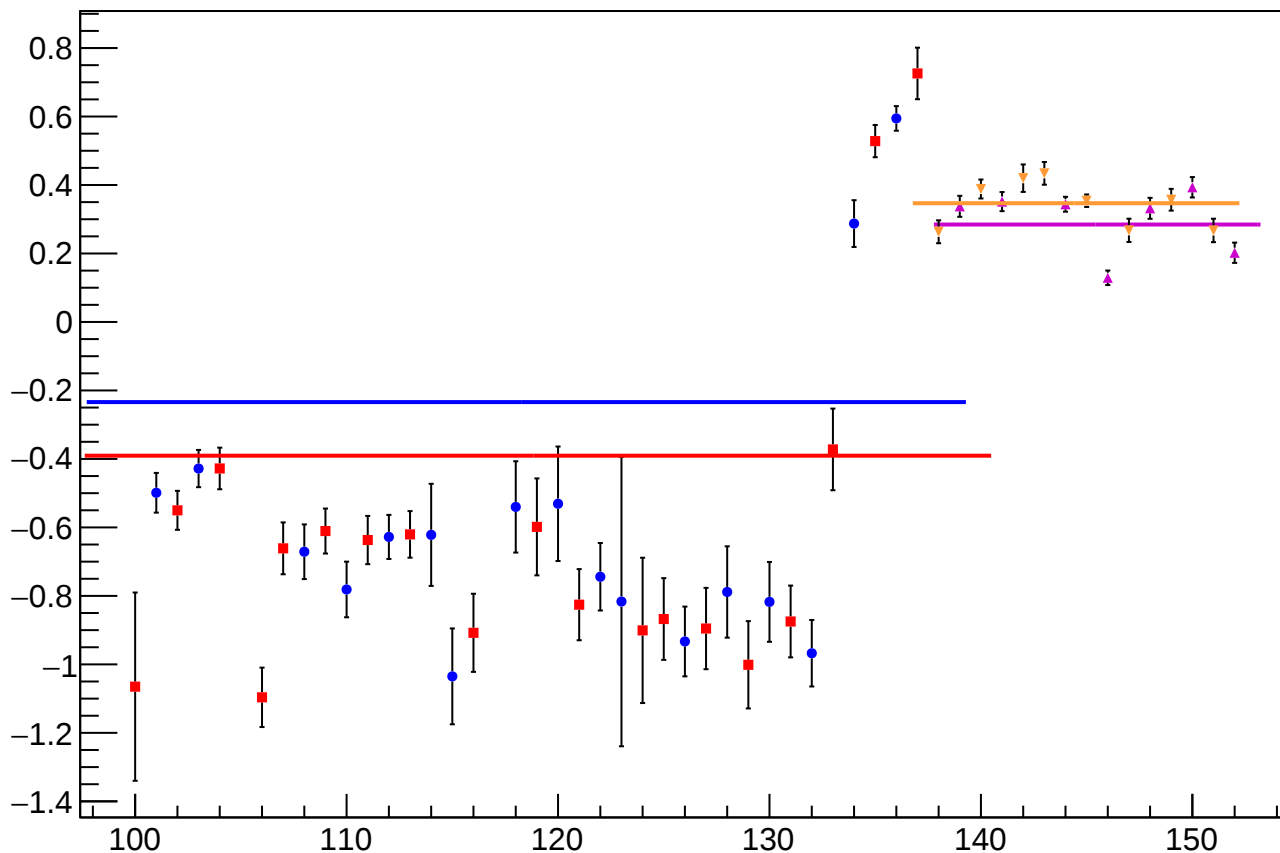
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.890 ± 0.170 χ^2/NDF : 565.9/23

Out: 4.015 ± 0.177 χ^2/NDF : 882.1/26

All: 4.470 ± 0.122 χ^2/NDF : 1460.8/50

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: 0.347 ± 0.010 χ^2/NDF : 29.8/7

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.285 ± 0.010 χ^2/NDF : 93.7/6

Left: 0.315 ± 0.007 χ^2/NDF : 142.3/14

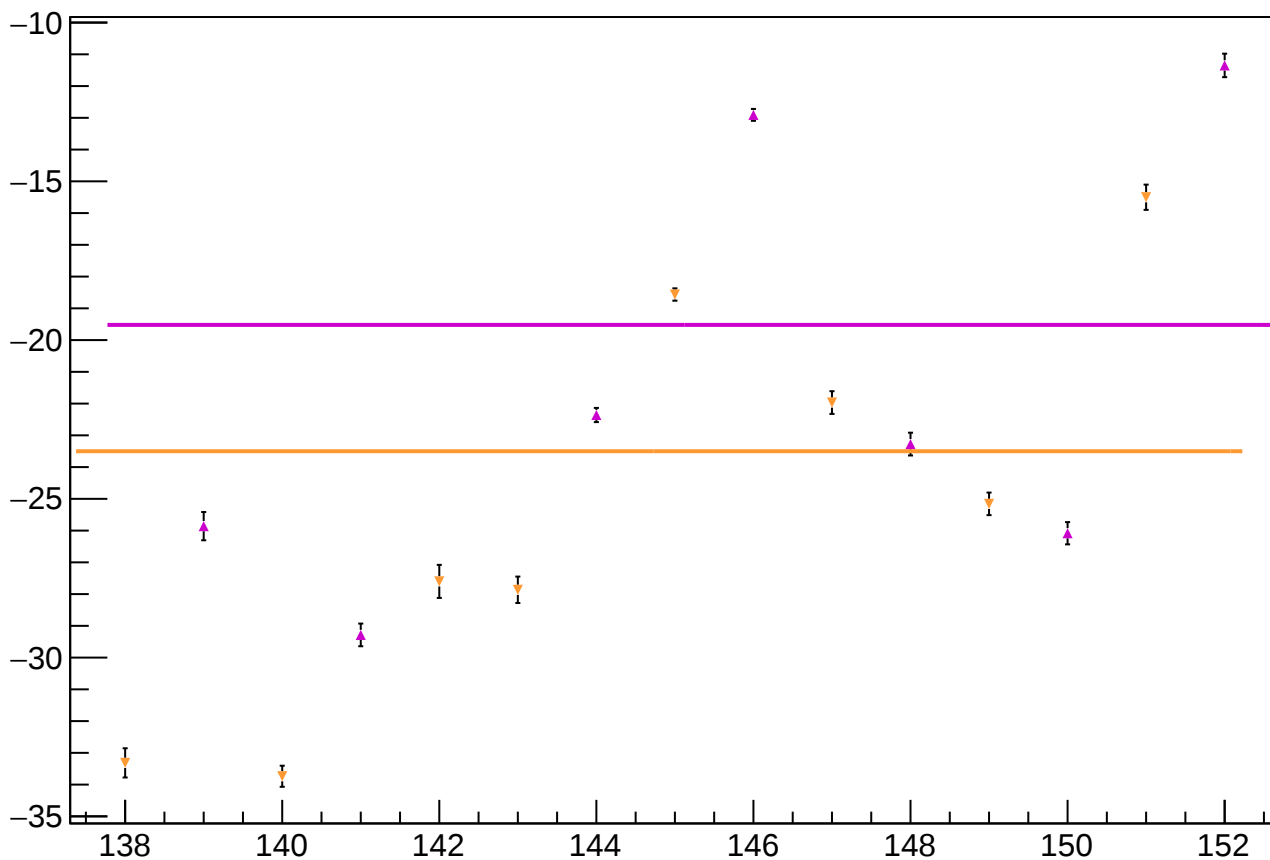
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.171 ± 0.009 χ^2/NDF : 1640.7/23

Out: 0.179 ± 0.009 χ^2/NDF : 2051.2/26

All: 0.175 ± 0.006 χ^2/NDF : 3692.3/50

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

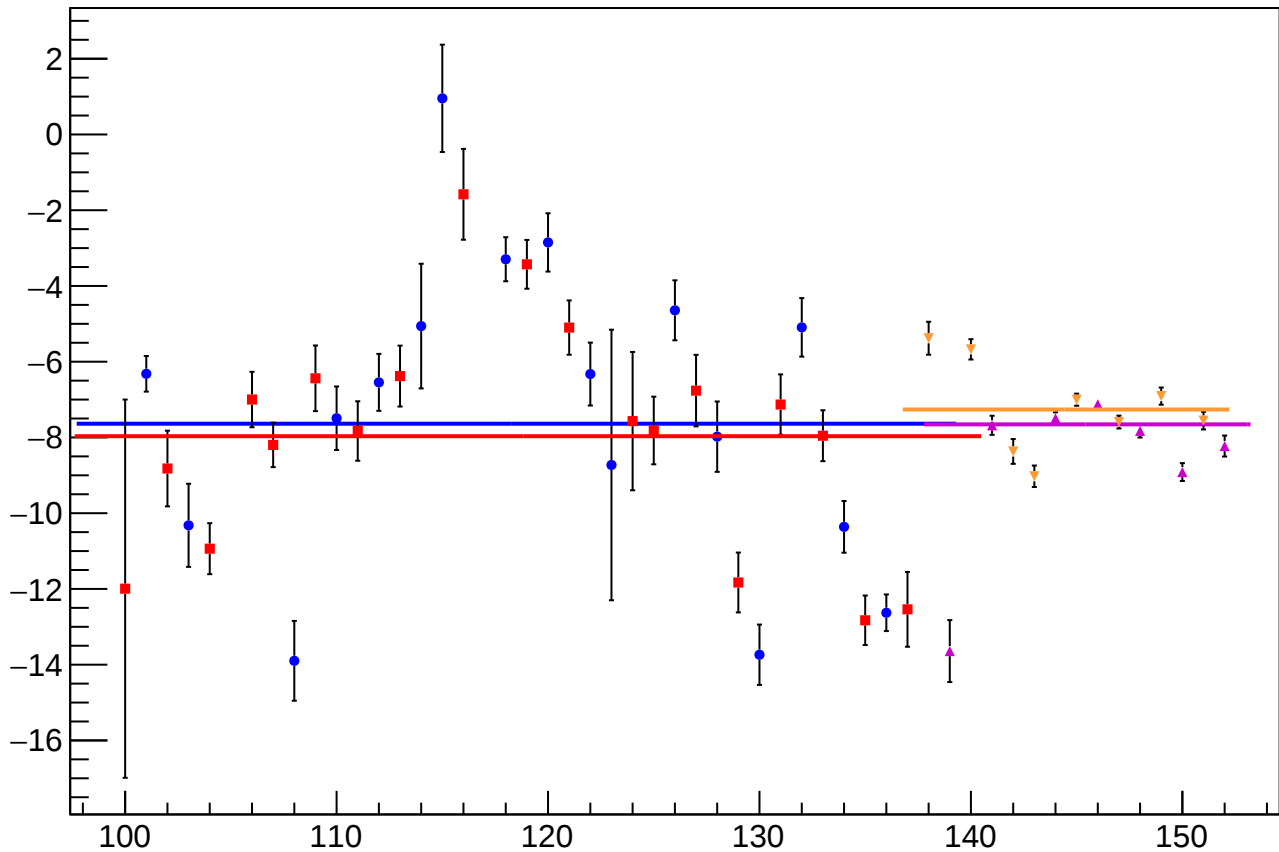


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.501+/-0.118 χ^2/NDF : 2664.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.522+/-0.109 χ^2/NDF : 3306.4/6

Left: -21.346+/-0.080 χ^2/NDF : 6585.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.522+/-0.109 χ^2/NDF : 3306.4/6
 Out: -23.501+/-0.118 χ^2/NDF : 2664.9/7

All: -21.346+/-0.080 χ^2/NDF : 6585.8/14

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: -7.262 ± 0.081 χ^2/NDF : 114.4/7

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.654 ± 0.072 χ^2/NDF : 109.1/6

Left: -7.481 ± 0.054 χ^2/NDF : 236.6/14

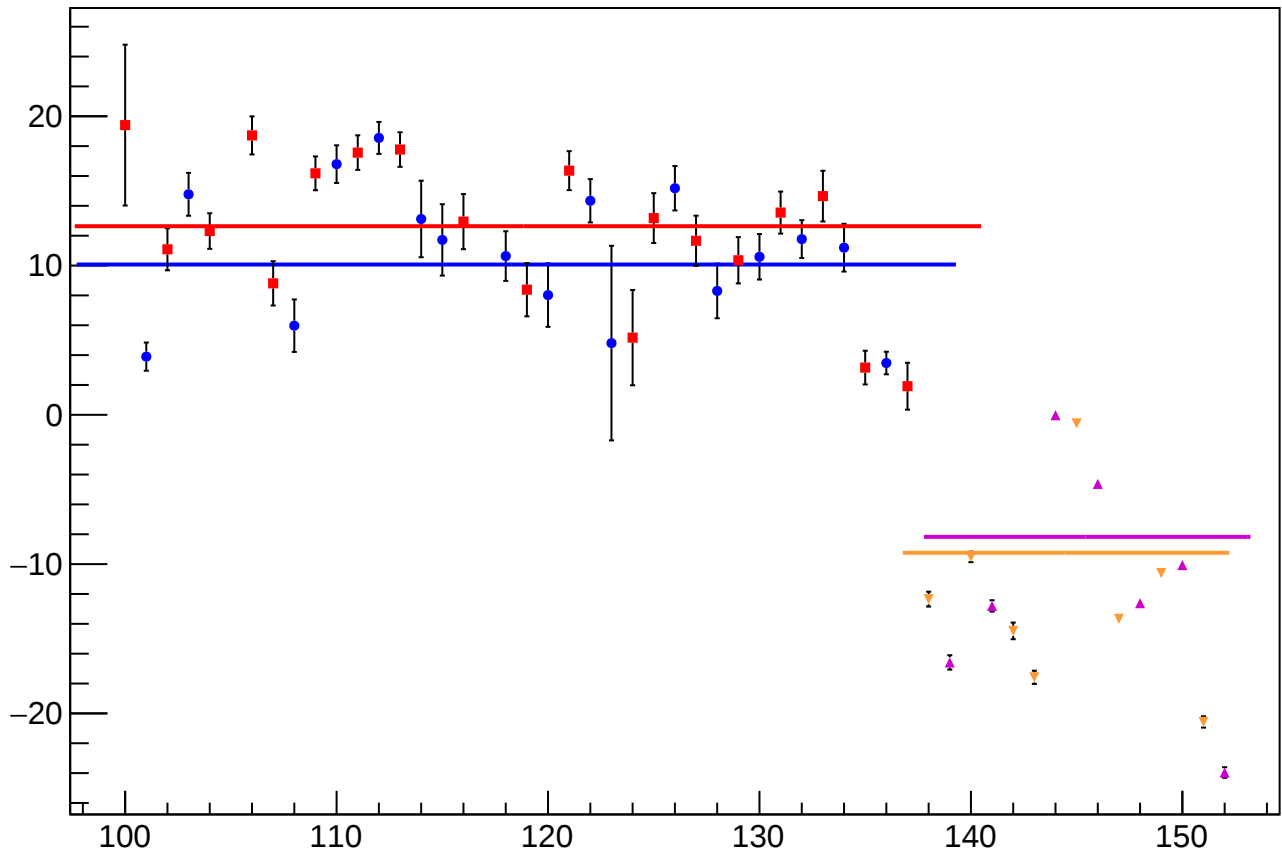
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.652 ± 0.067 χ^2/NDF : 503.1/23

Out: -7.375 ± 0.074 χ^2/NDF : 353.7/26

All: -7.527 ± 0.050 χ^2/NDF : 864.5/50

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 $\pm$ 0.337 χ^2 /NDF: 253.6/16

Left Out: -9.241 $\pm$ 0.121 χ^2 /NDF:3328.2/7

Right Out: 12.635 $\pm$ 0.332 χ^2 /NDF: 220.5/18

Left In: -8.177 $\pm$ 0.108 χ^2 /NDF:4197.2/6

Left: -8.651 $\pm$ 0.080 χ^2 /NDF: 7568.6/14

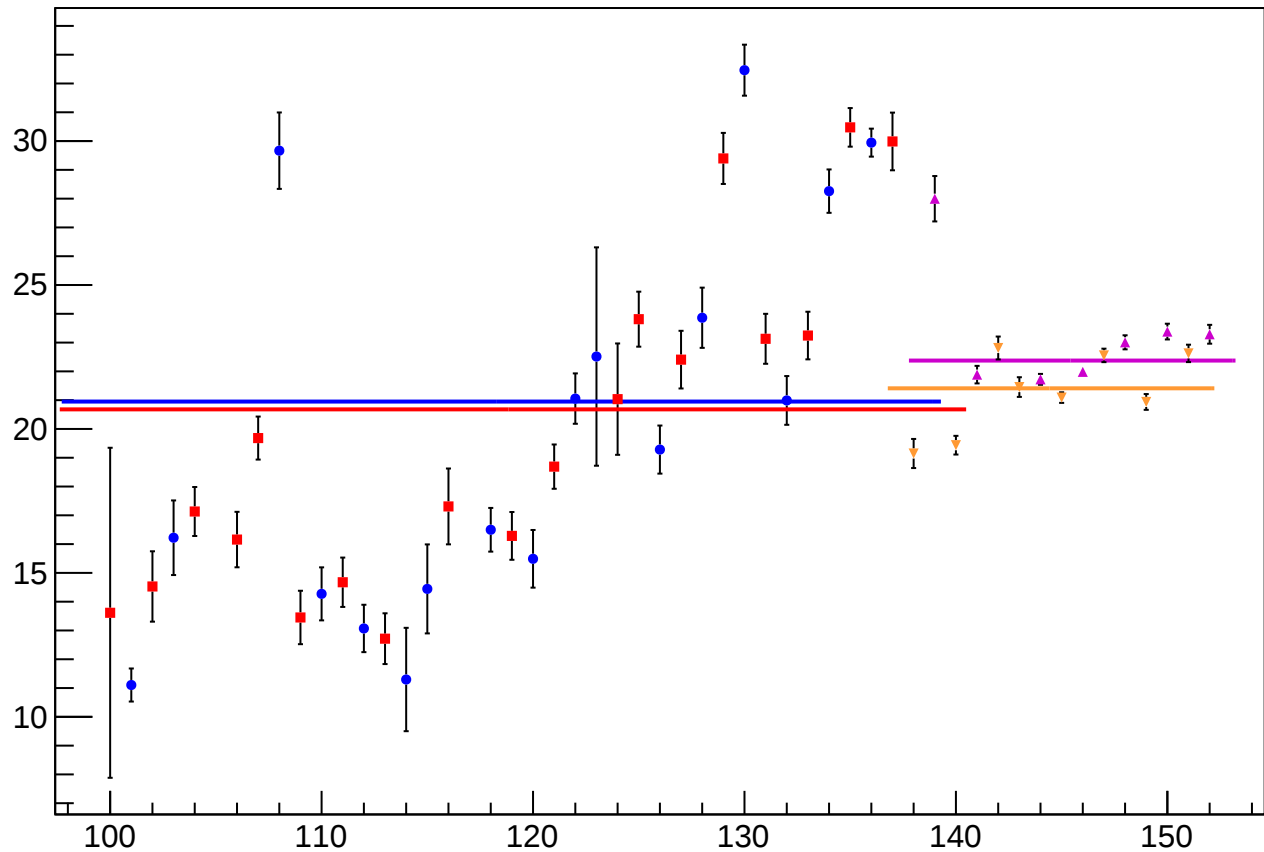
Right: 11.370 $\pm$ 0.237 χ^2 /NDF: 503.5/35

In: -6.479 $\pm$ 0.103 χ^2 /NDF:7102.6/23

Out: -6.700 $\pm$ 0.113 χ^2 /NDF:7375.3/26

All: -6.579 $\pm$ 0.076 χ^2 /NDF: 14480.0/50

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: 21.411 $\pm$ 0.100 χ^2 /NDF:115.5/7

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.375 $\pm$ 0.089 χ^2 /NDF:100.5/6

Left: 21.948 $\pm$ 0.066 χ^2 /NDF: 268.0/14

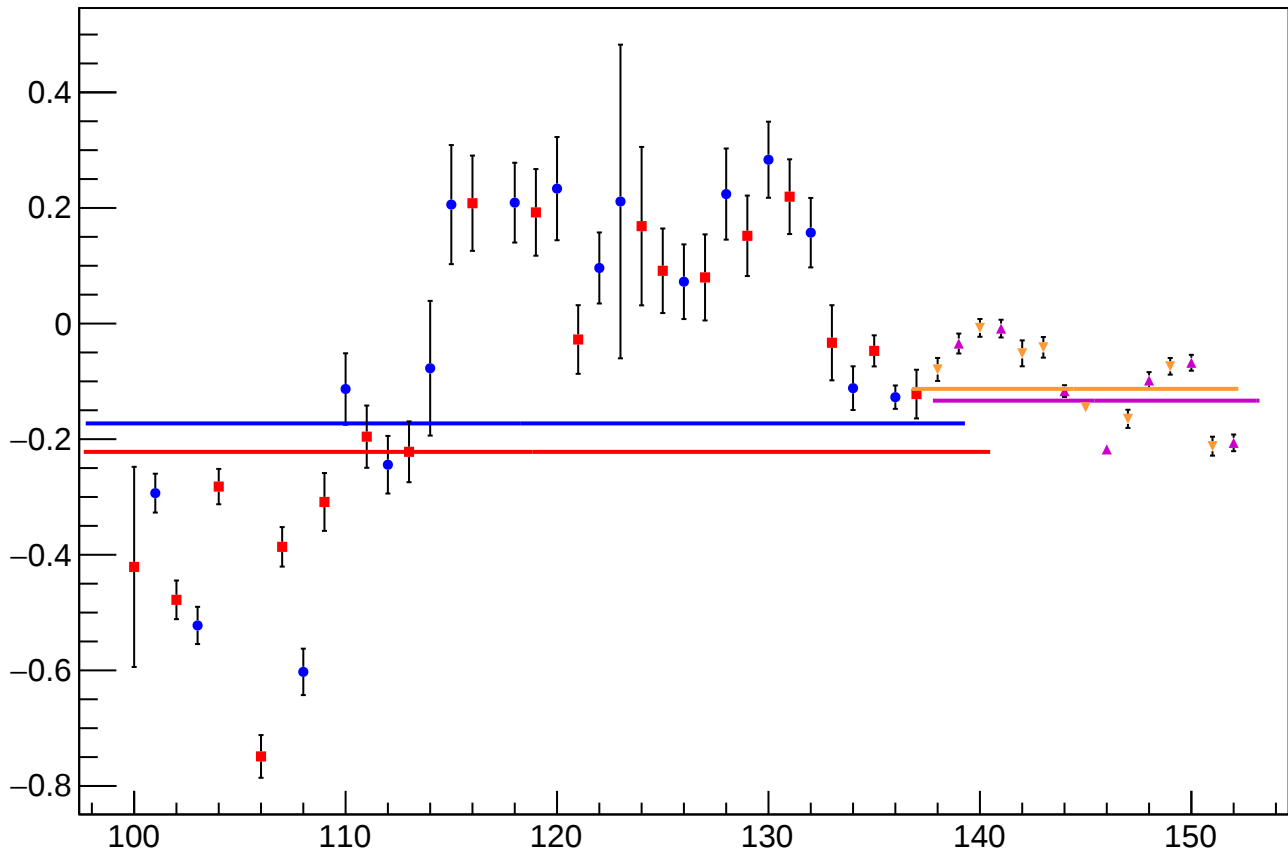
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.158 $\pm$ 0.082 χ^2 /NDF:1362.3/23

Out: 21.279 $\pm$ 0.090 χ^2 /NDF:853.7/26

All: 21.761 $\pm$ 0.061 χ^2 /NDF: 2267.9/50

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.113 ± 0.005 χ^2/NDF : 143.8/7

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.133 ± 0.005 χ^2/NDF : 255.5/6

Left: -0.124 ± 0.003 χ^2/NDF : 408.2/14

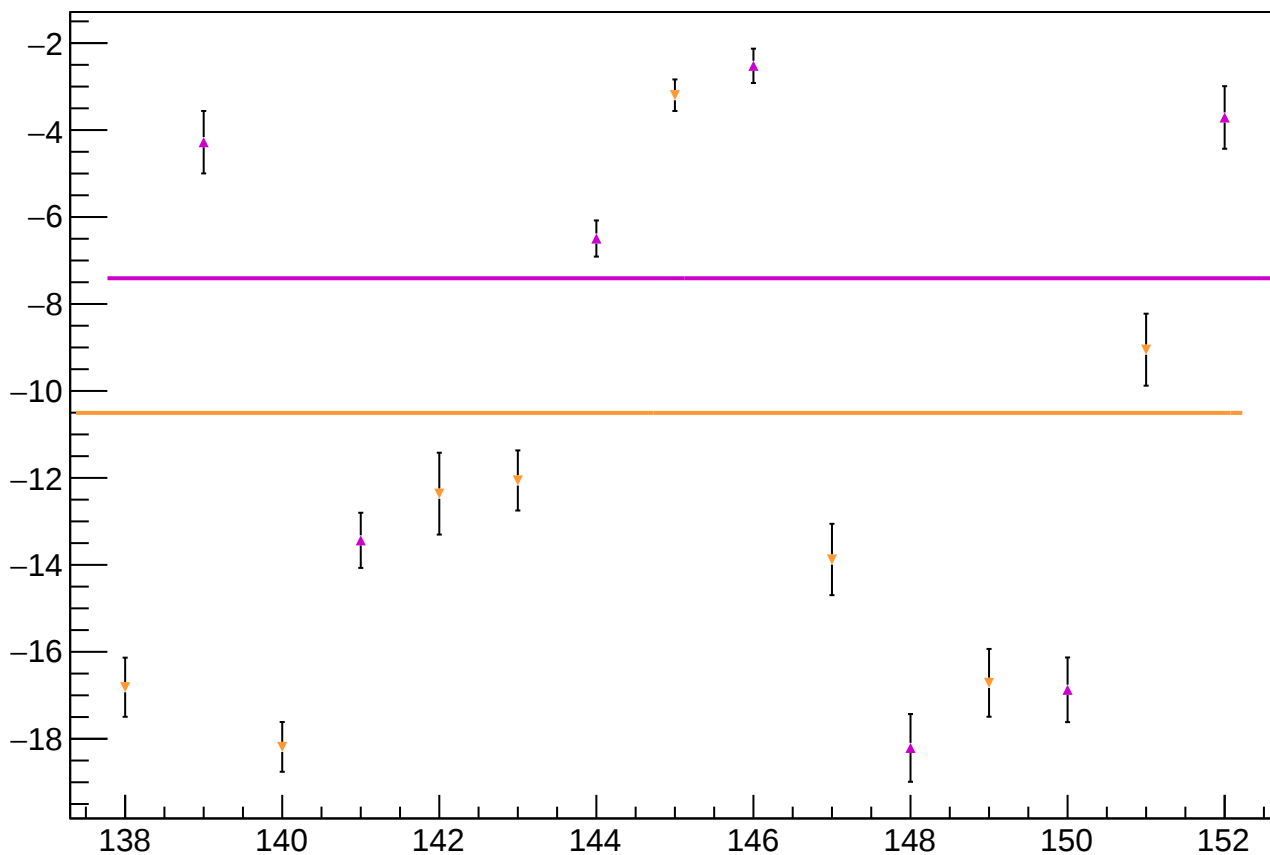
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.139 ± 0.004 χ^2/NDF : 726.4/23

Out: -0.132 ± 0.005 χ^2/NDF : 762.3/26

All: -0.136 ± 0.003 χ^2/NDF : 1490.0/50

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: -10.505+/-0.220 χ^2/NDF : 764.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Left: -8.906+/-0.153 χ^2/NDF : 1514.8/14

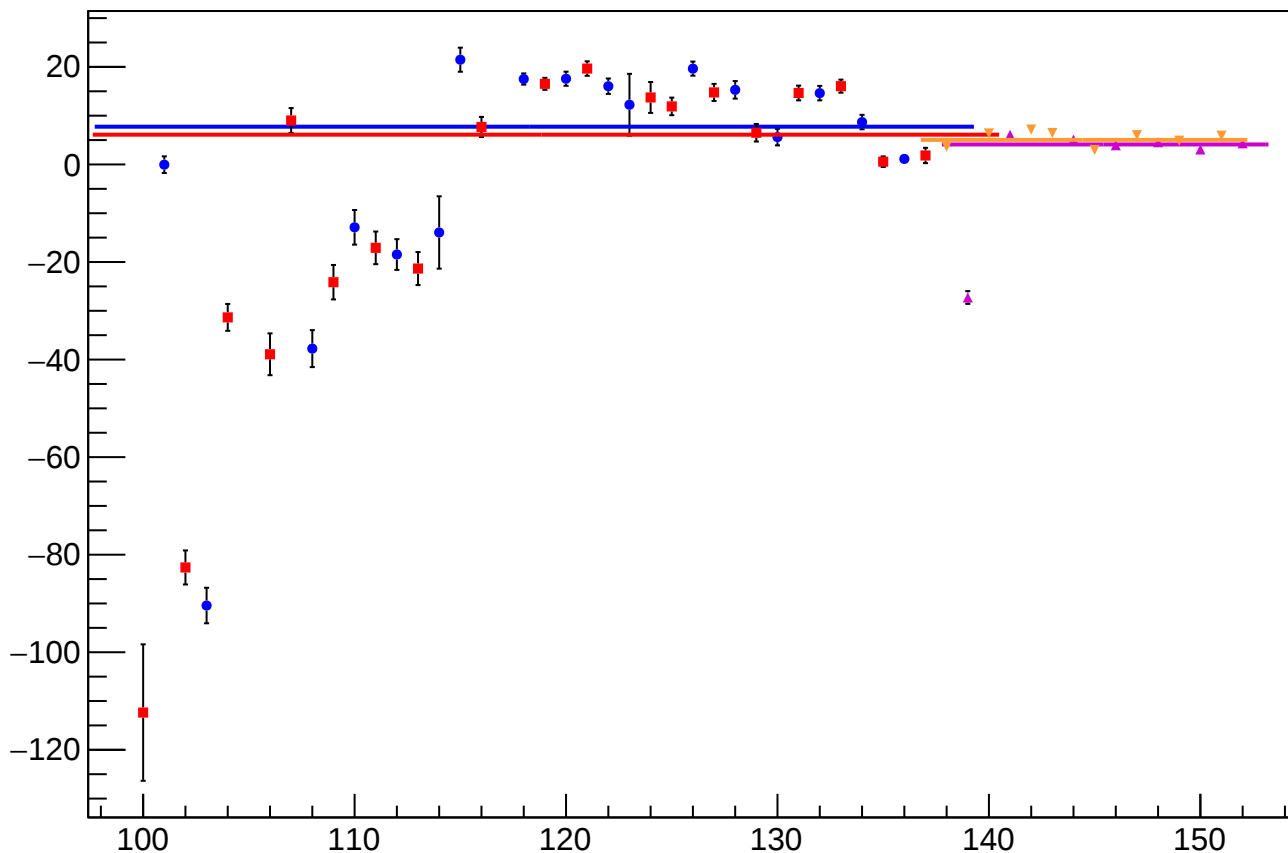
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Out: -10.505+/-0.220 χ^2/NDF : 764.5/7

All: -8.906+/-0.153 χ^2/NDF : 1514.8/14

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 5.038 ± 0.156 $\chi^2/\text{NDF}: 94.6/7$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 4.100 ± 0.146 $\chi^2/\text{NDF}: 612.5/6$

Left: 4.538 ± 0.106 $\chi^2/\text{NDF}: 726.4/14$

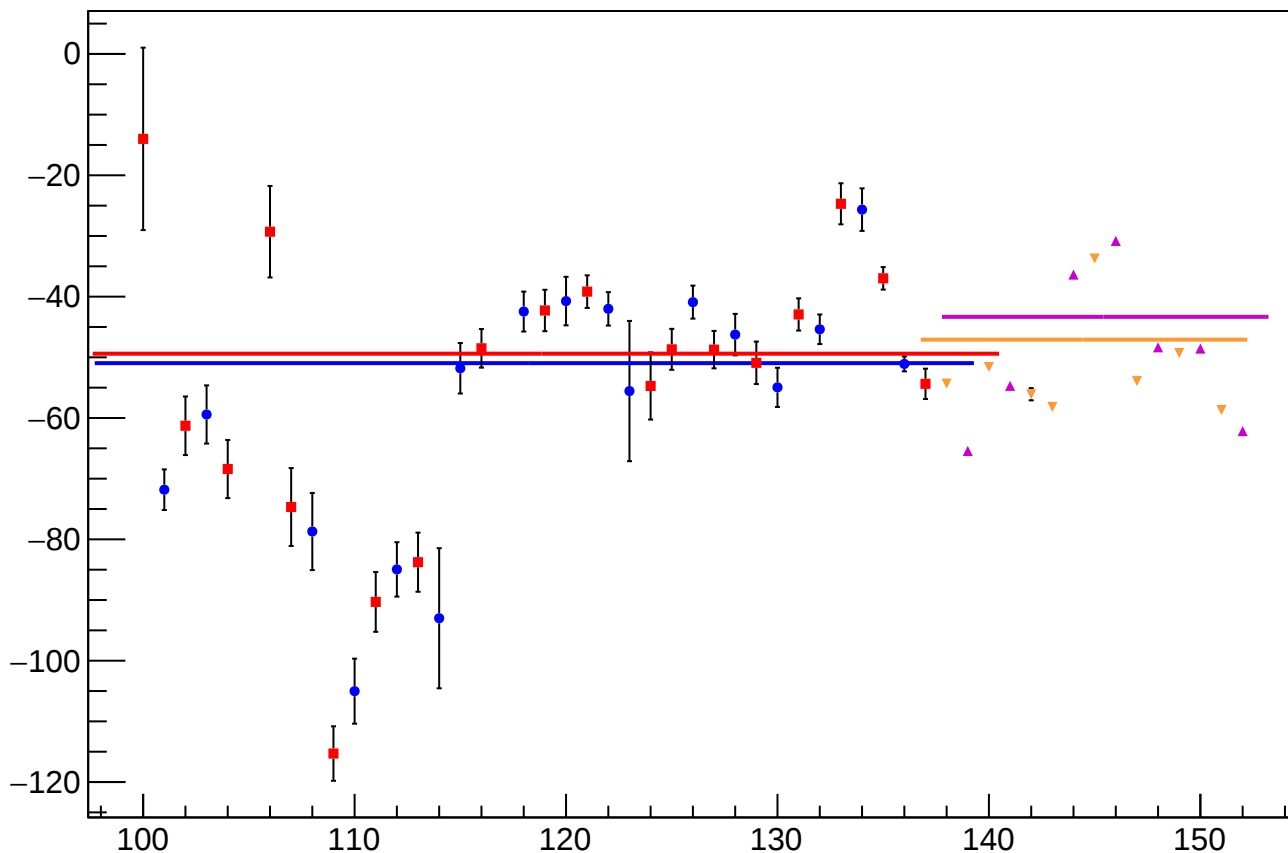
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 4.521 ± 0.137 $\chi^2/\text{NDF}: 2043.6/23$

Out: 5.160 ± 0.147 $\chi^2/\text{NDF}: 1617.7/26$

All: 4.819 ± 0.100 $\chi^2/\text{NDF}: 3671.4/50$

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: -47.089 ± 0.228 χ^2/NDF : 1950.9/7

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -43.328 ± 0.214 χ^2/NDF : 3276.5/6

Left: -45.086 ± 0.156 χ^2/NDF : 5372.0/14

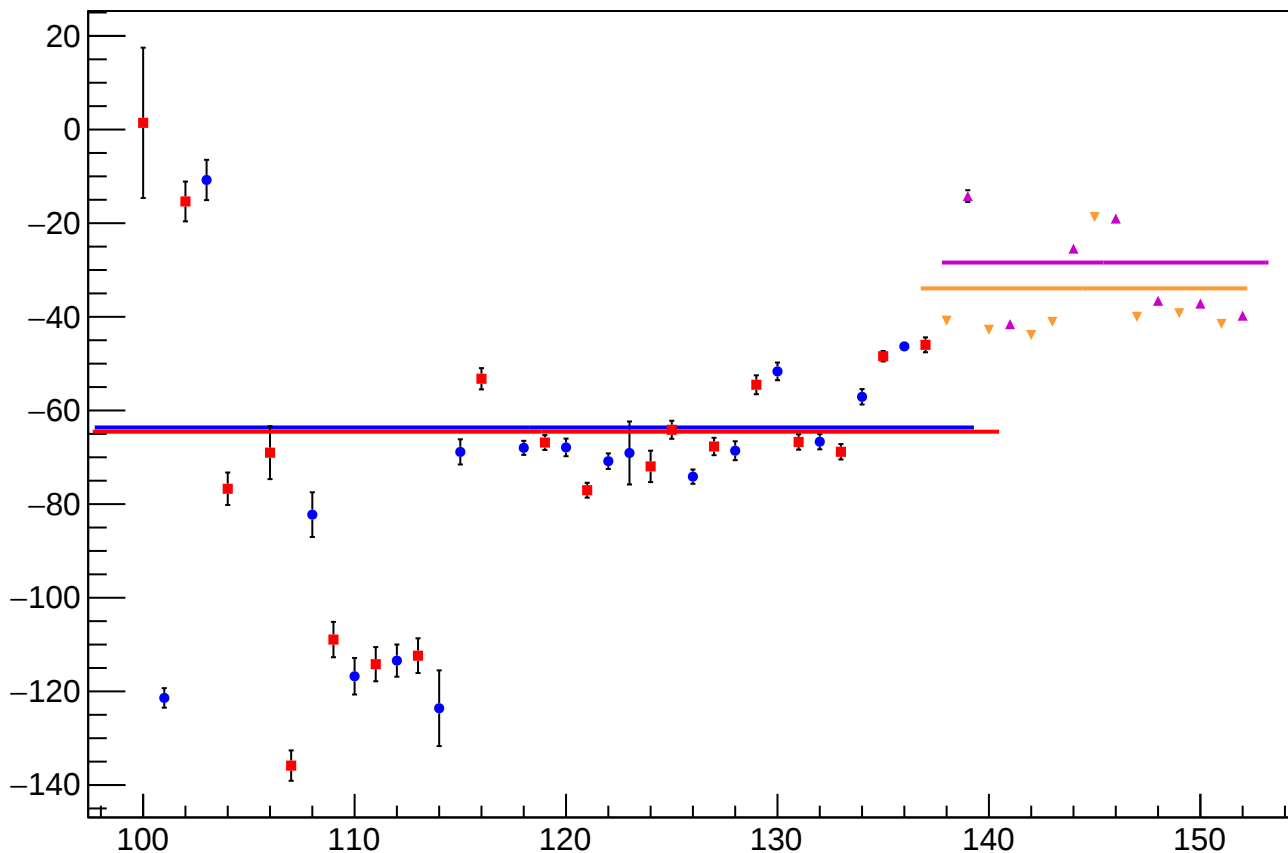
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -43.919 ± 0.205 χ^2/NDF : 3706.9/23

Out: -47.264 ± 0.219 χ^2/NDF : 2470.7/26

All: -45.481 ± 0.150 χ^2/NDF : 6301.5/50

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: -33.925 ± 0.190 χ^2/NDF : 3112.2/7

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -28.402 ± 0.179 χ^2/NDF : 2461.8/6

Left: -31.000 ± 0.130 χ^2/NDF : 6021.4/14

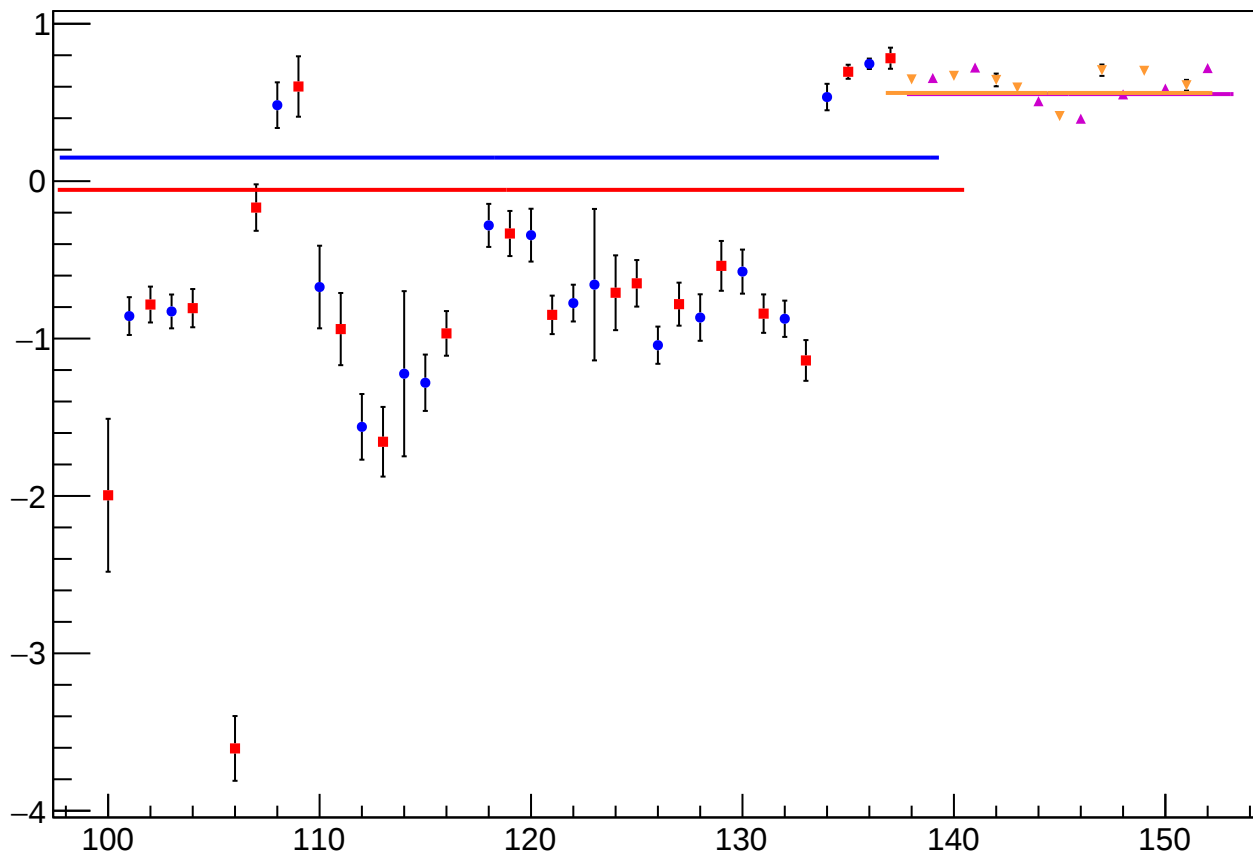
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.296 ± 0.166 χ^2/NDF : 9849.3/23

Out: -38.044 ± 0.177 χ^2/NDF : 8213.3/26

All: -35.523 ± 0.121 χ^2/NDF : 18445.6/50

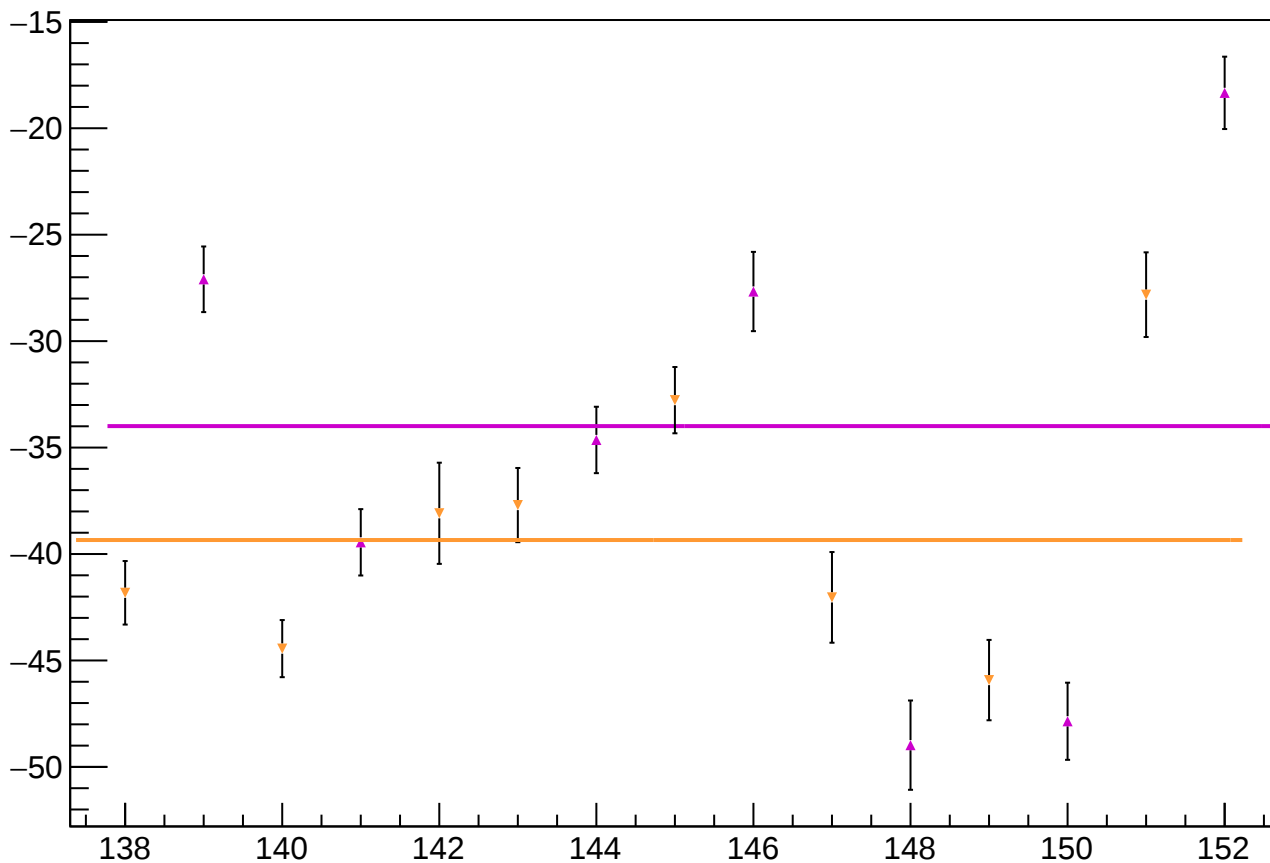
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.560 ± 0.009 χ^2/NDF : 162.0/7
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.553 ± 0.009 χ^2/NDF : 170.5/6

Left: 0.557 ± 0.007 χ^2/NDF : 332.8/14
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.502 ± 0.009 χ^2/NDF : 1406.6/23
 Out: 0.490 ± 0.009 χ^2/NDF : 1821.3/26
 All: 0.496 ± 0.006 χ^2/NDF : 3228.9/50

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: -39.342+/-0.611 χ^2/NDF : 83.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.991+/-0.644 χ^2/NDF : 238.4/6

Left: -36.808+/-0.443 χ^2/NDF : 358.3/14

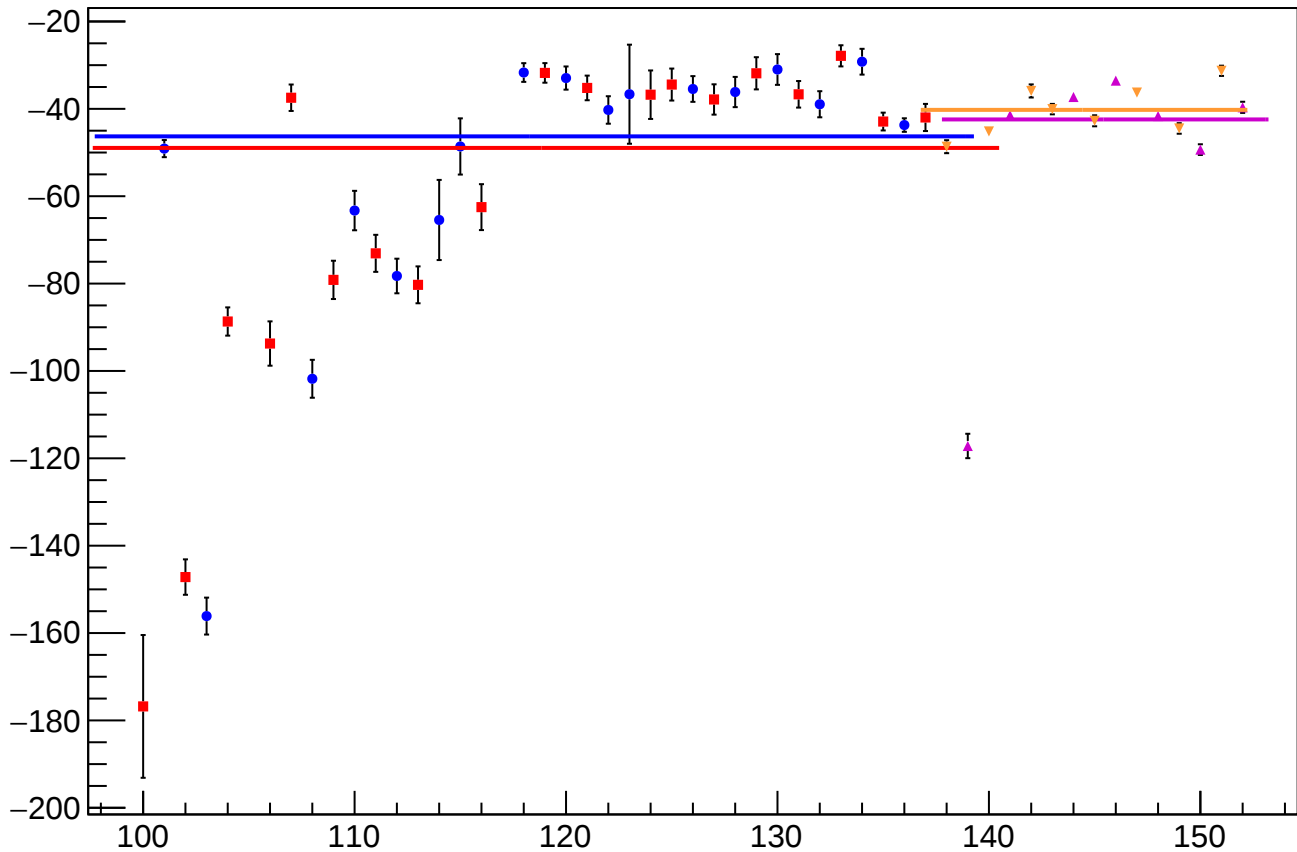
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.991+/-0.644 χ^2/NDF : 238.4/6

Out: -39.342+/-0.611 χ^2/NDF : 83.5/7

All: -36.808+/-0.443 χ^2/NDF : 358.3/14

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: -40.234 ± 0.429 χ^2/NDF : 150.3/7

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -42.424 ± 0.459 χ^2/NDF : 836.9/6

Left: -41.256 ± 0.313 χ^2/NDF : 999.4/14

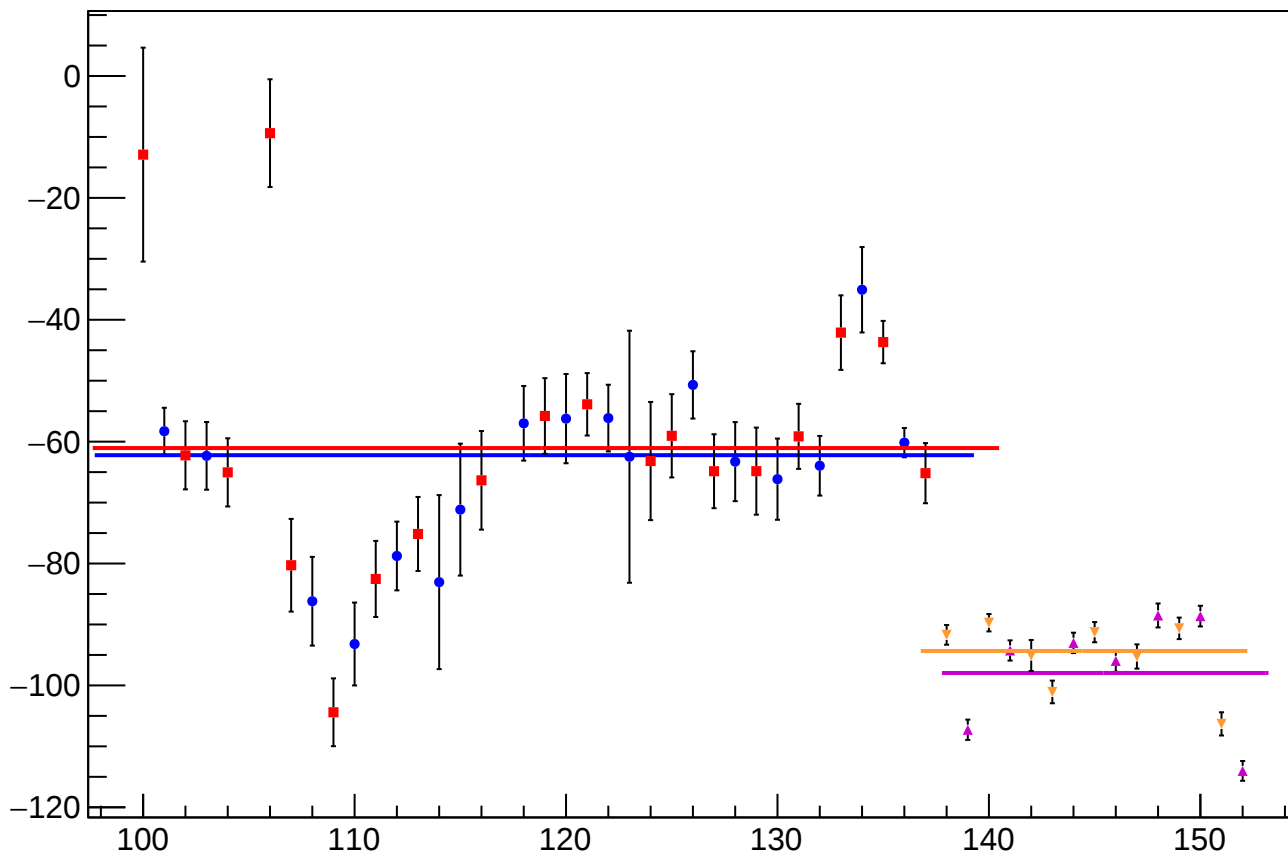
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -43.537 ± 0.388 χ^2/NDF : 1941.4/23

Out: -42.329 ± 0.374 χ^2/NDF : 1523.0/26

All: -42.911 ± 0.269 χ^2/NDF : 3469.4/50

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: -94.345 ± 0.629 χ^2/NDF : 74.0/7

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -97.958 ± 0.648 χ^2/NDF : 197.2/6

Left: -96.097 ± 0.451 χ^2/NDF : 287.2/14

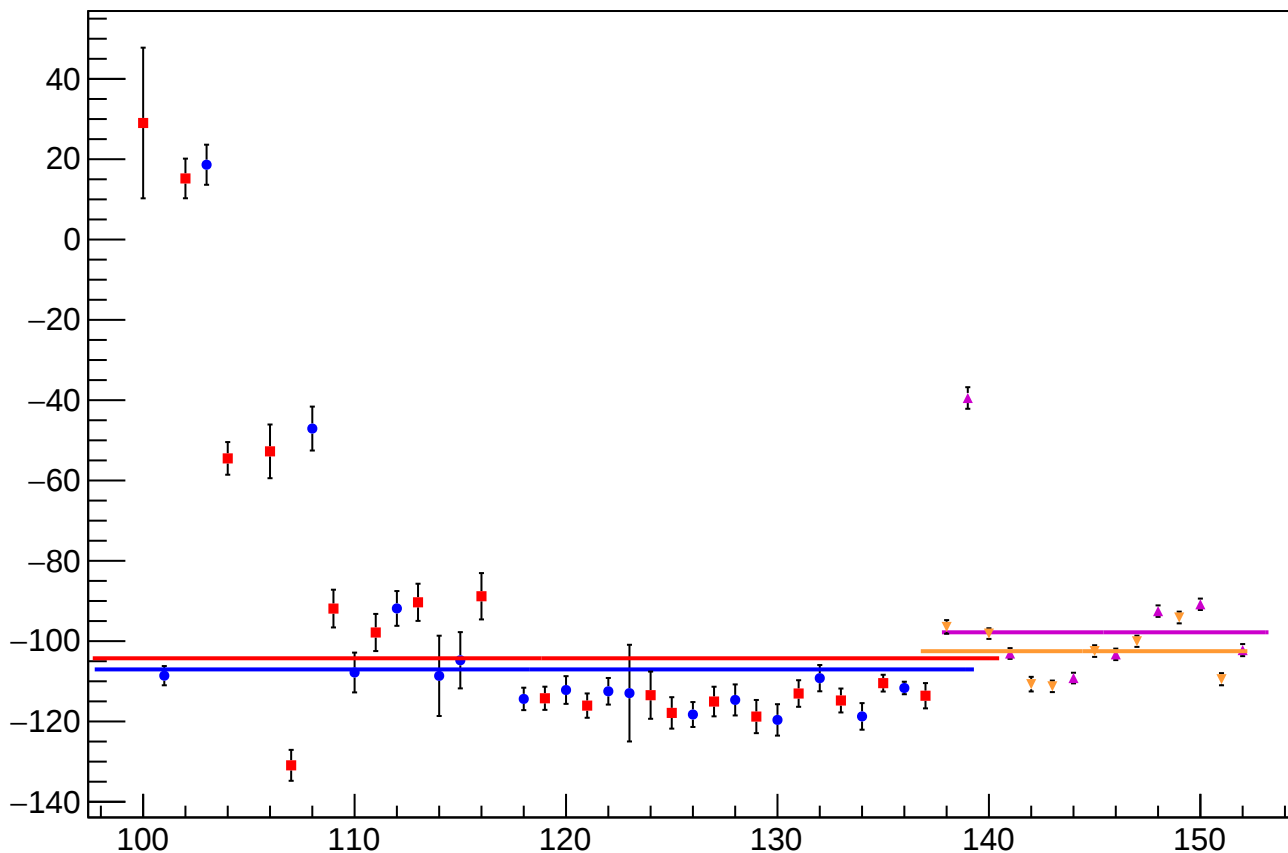
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -90.948 ± 0.581 χ^2/NDF : 861.2/23

Out: -88.615 ± 0.572 χ^2/NDF : 722.8/26

All: -89.763 ± 0.408 χ^2/NDF : 1592.3/50

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.502 ± 0.528 χ^2/NDF : 138.2/7

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -97.800 ± 0.560 χ^2/NDF : 621.8/6

Left: -100.291 ± 0.384 χ^2/NDF : 797.4/14

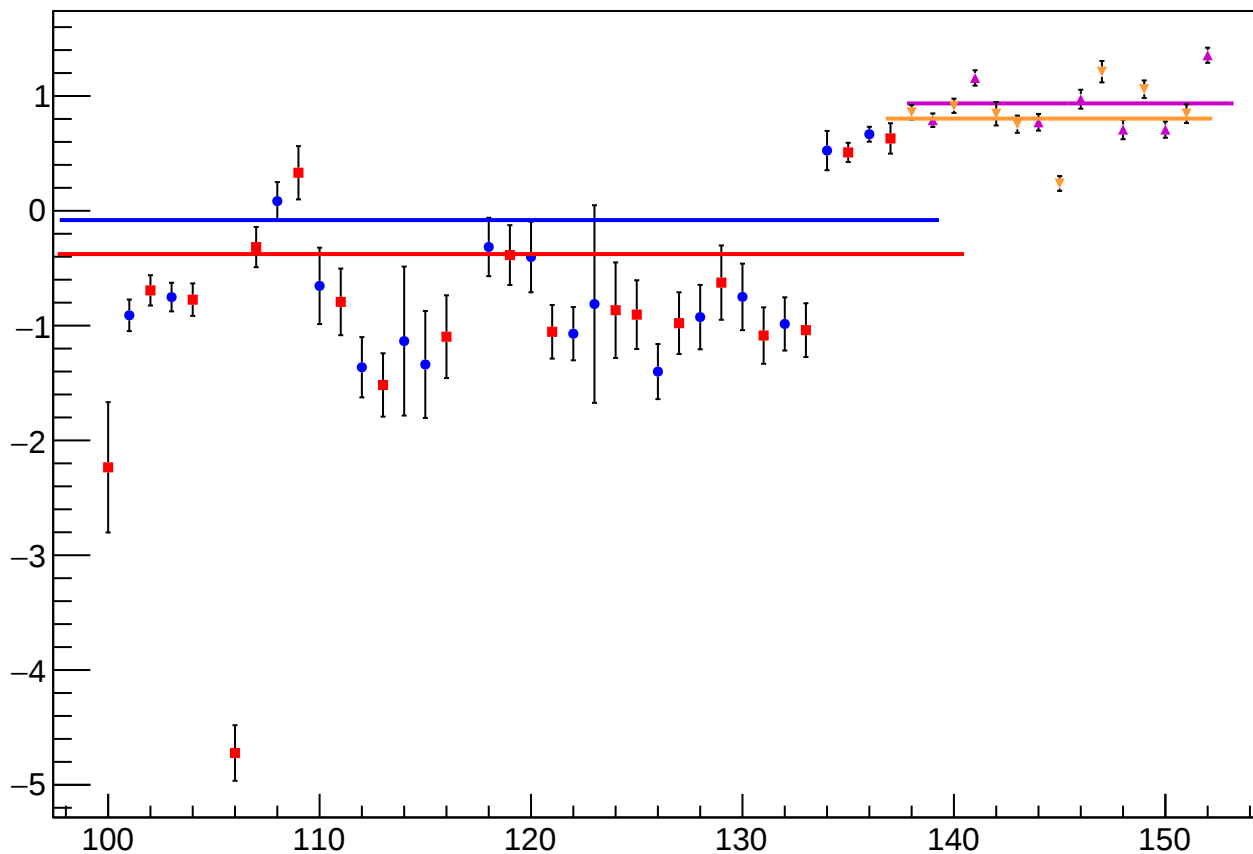
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -100.778 ± 0.461 χ^2/NDF : 1537.4/23

Out: -102.985 ± 0.450 χ^2/NDF : 1159.3/26

All: -101.909 ± 0.322 χ^2/NDF : 2708.5/50

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: 0.803 ± 0.026 χ^2/NDF : 111.1/7

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.935 ± 0.027 χ^2/NDF : 80.3/6

Left: 0.869 ± 0.019 χ^2/NDF : 204.0/14

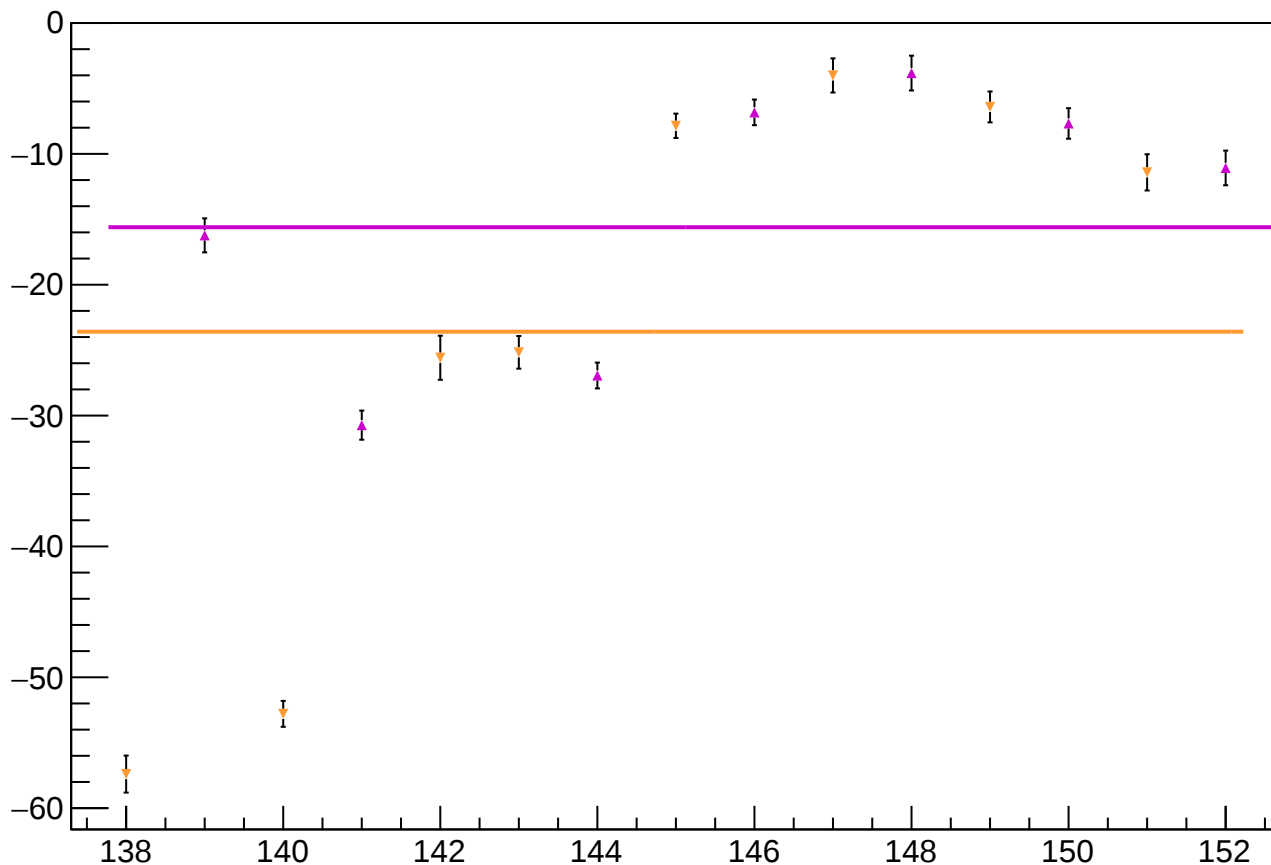
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.647 ± 0.022 χ^2/NDF : 824.5/23

Out: 0.492 ± 0.023 χ^2/NDF : 1227.3/26

All: 0.569 ± 0.016 χ^2/NDF : 2075.4/50

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.589+/-0.426 χ^2/NDF :2245.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.606+/-0.433 χ^2/NDF :533.3/6

Left: -19.658+/-0.304 χ^2/NDF : 2951.0/14

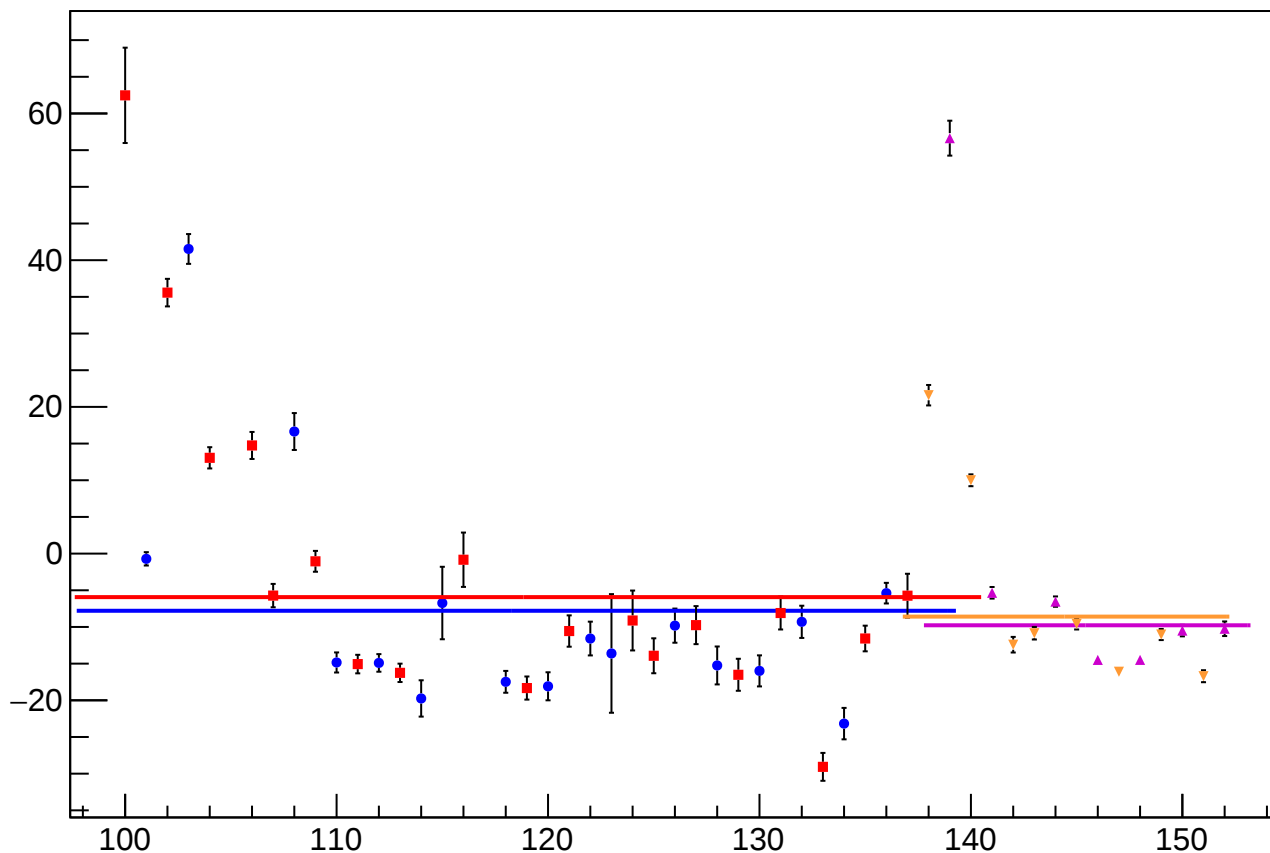
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.606+/-0.433 χ^2/NDF :533.3/6

Out: -23.589+/-0.426 χ^2/NDF :2245.0/7

All: -19.658+/-0.304 χ^2/NDF : 2951.0/14

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$

Left Out: -8.589 ± 0.291 $\chi^2/\text{NDF}: 1274.0/7$

Right Out: -5.932 ± 0.429 $\chi^2/\text{NDF}: 1294.2/18$

Left In: -9.772 ± 0.296 $\chi^2/\text{NDF}: 943.0/6$

Left: -9.170 ± 0.207 $\chi^2/\text{NDF}: 2225.2/14$

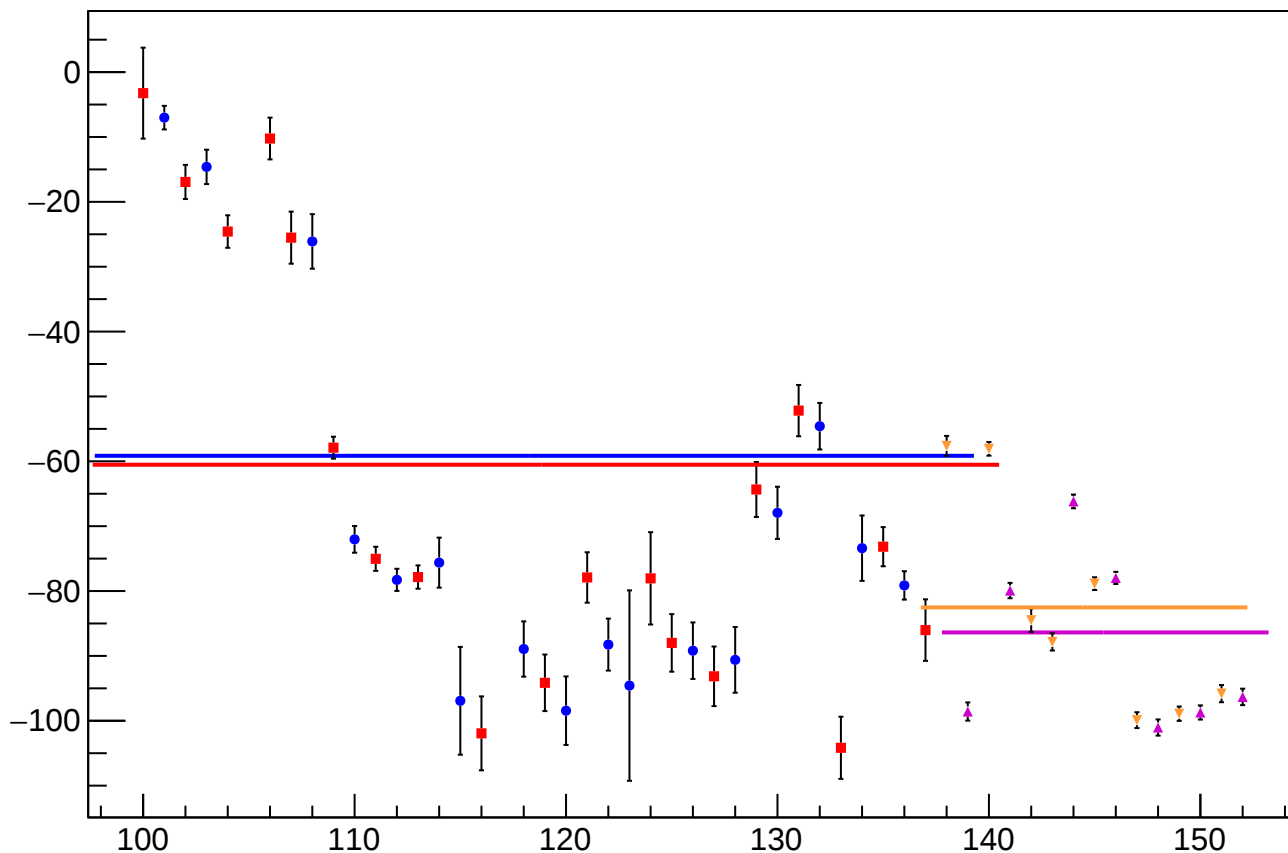
Right: -6.865 ± 0.303 $\chi^2/\text{NDF}: 2286.4/35$

In: -9.132 ± 0.243 $\chi^2/\text{NDF}: 1940.2/23$

Out: -7.752 ± 0.241 $\chi^2/\text{NDF}: 2594.6/26$

All: -8.434 ± 0.171 $\chi^2/\text{NDF}: 4551.0/50$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.523 ± 0.435 χ^2/NDF : 1356.9/7

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -86.381 ± 0.432 χ^2/NDF : 877.1/6

Left: -84.461 ± 0.306 χ^2/NDF : 2273.5/14

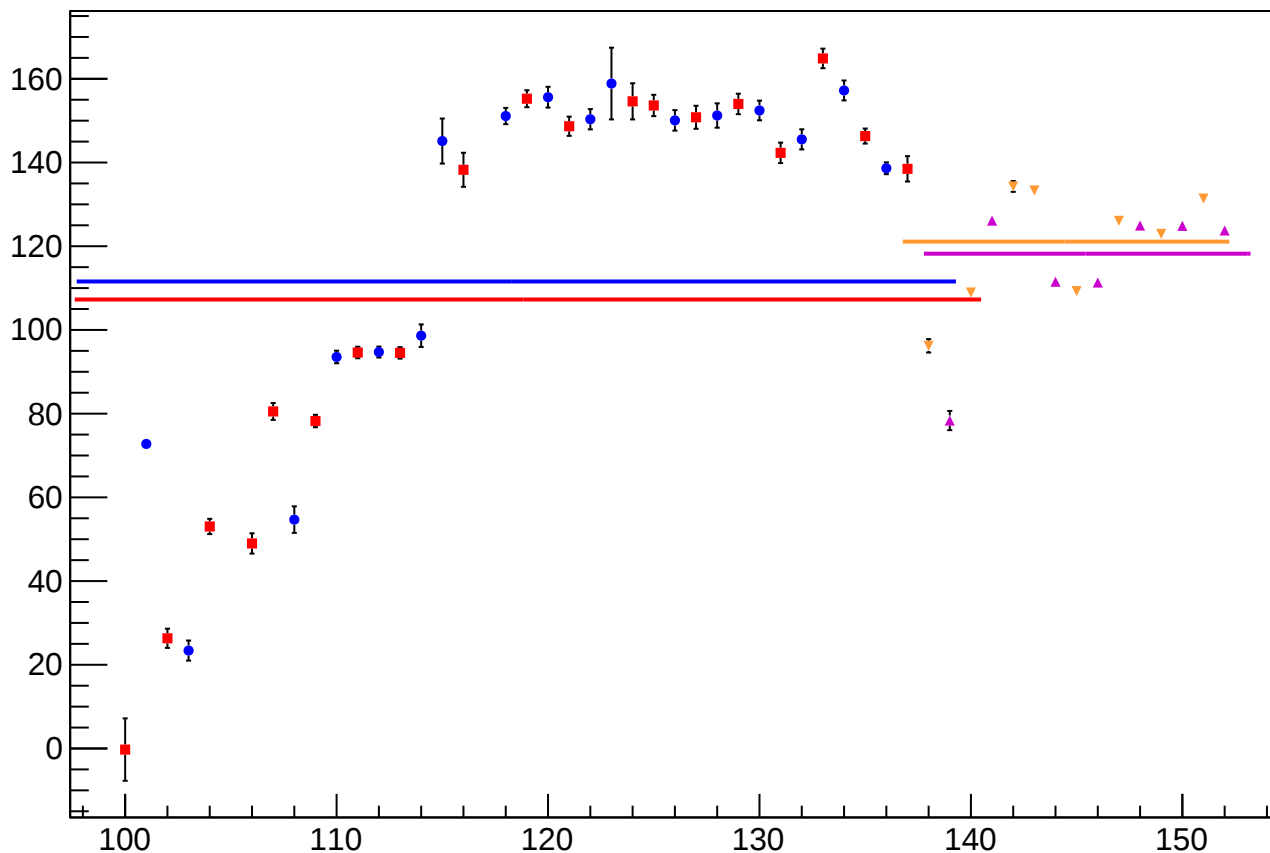
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -79.523 ± 0.374 χ^2/NDF : 3594.3/23

Out: -76.458 ± 0.370 χ^2/NDF : 3448.6/26

All: -77.973 ± 0.263 χ^2/NDF : 7076.9/50

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 121.099 $\pm$ 0.359 χ^2 /NDF:958.5/7

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 118.219 $\pm$ 0.364 χ^2 /NDF:645.2/6

Left: 119.678 $\pm$ 0.256 χ^2 /NDF: 1635.4/14

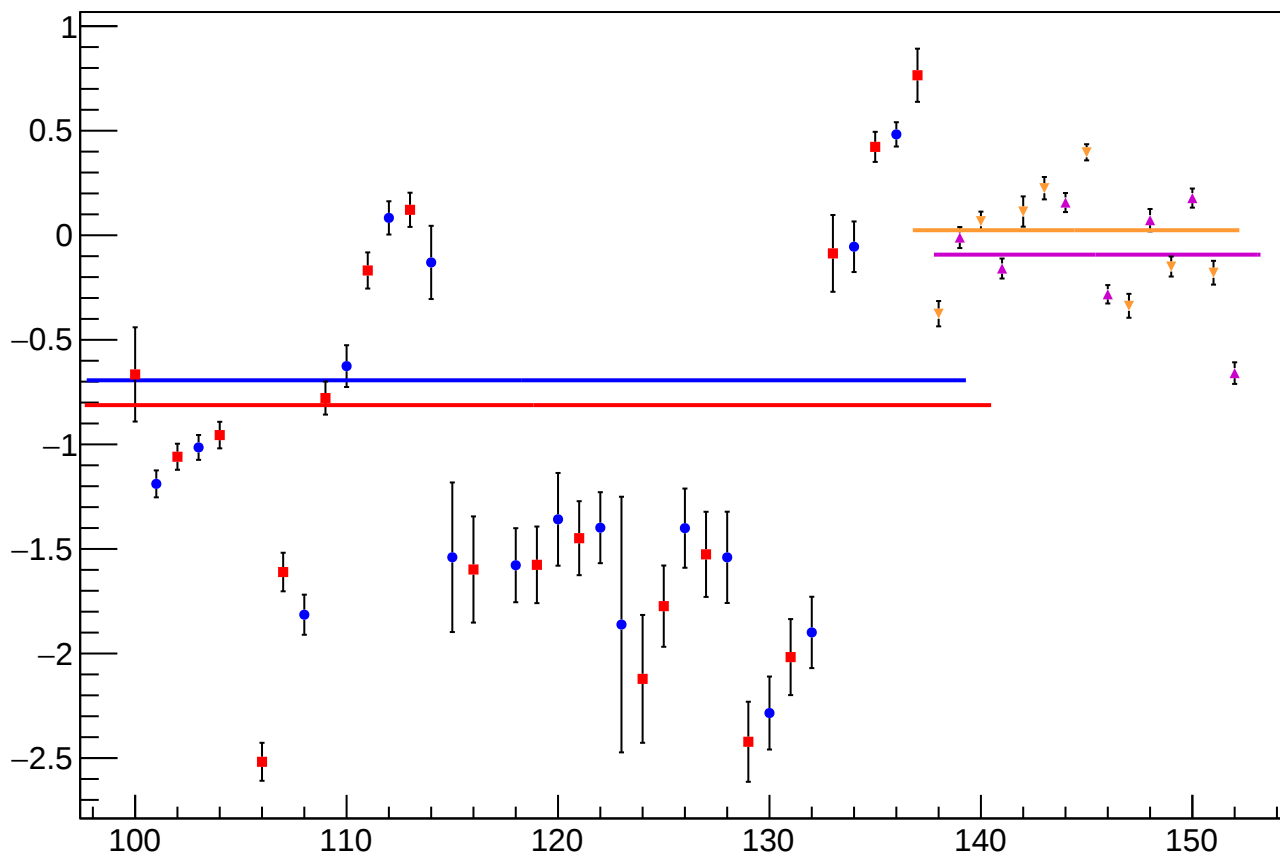
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.845 $\pm$ 0.292 χ^2 /NDF:6710.3/23

Out: 116.238 $\pm$ 0.289 χ^2 /NDF:8524.8/26

All: 116.043 $\pm$ 0.205 χ^2 /NDF: 15236.0/50

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: 0.024 ± 0.018 χ^2/NDF : 218.9/7

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.093 ± 0.018 χ^2/NDF : 217.7/6

Left: -0.035 ± 0.013 χ^2/NDF : 457.2/14

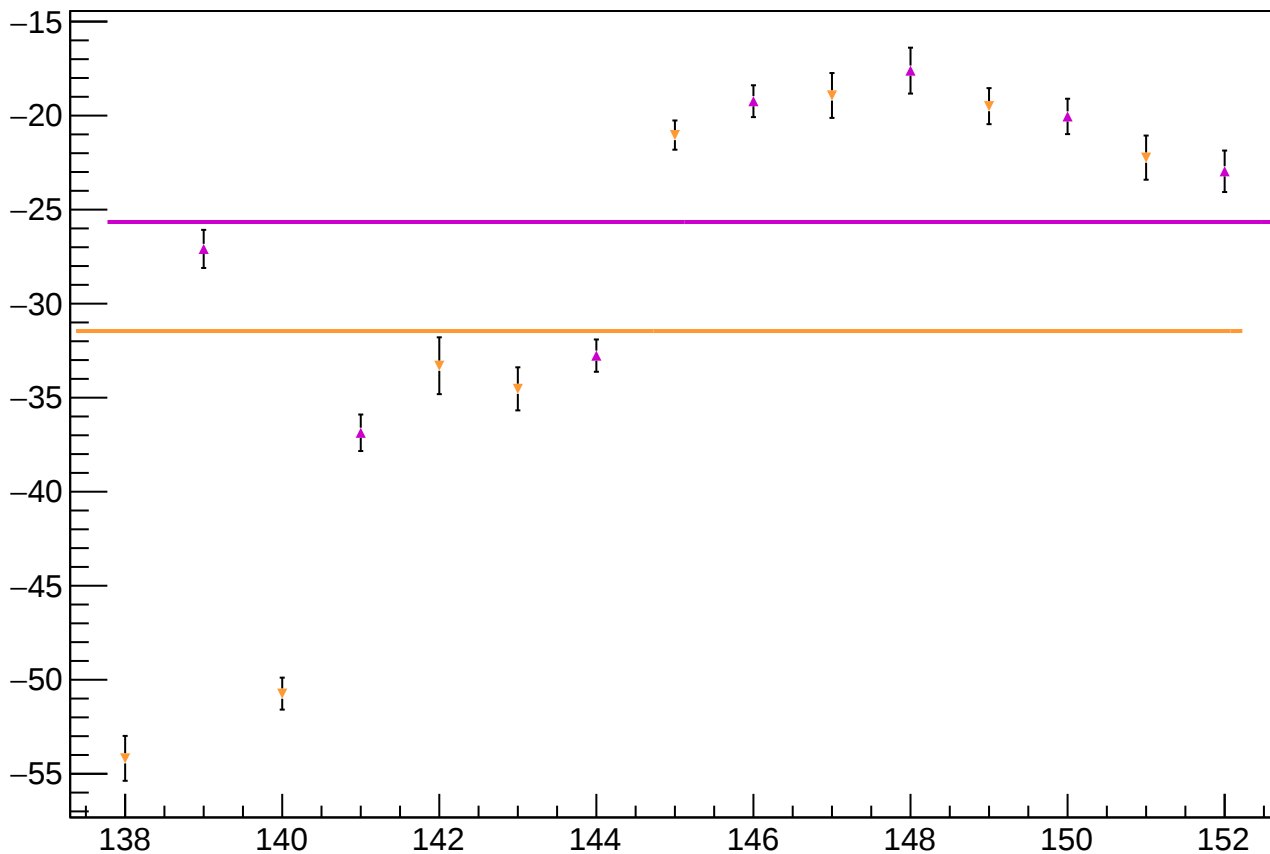
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.292 ± 0.015 χ^2/NDF : 1571.1/23

Out: -0.276 ± 0.015 χ^2/NDF : 2284.7/26

All: -0.284 ± 0.010 χ^2/NDF : 3856.3/50

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



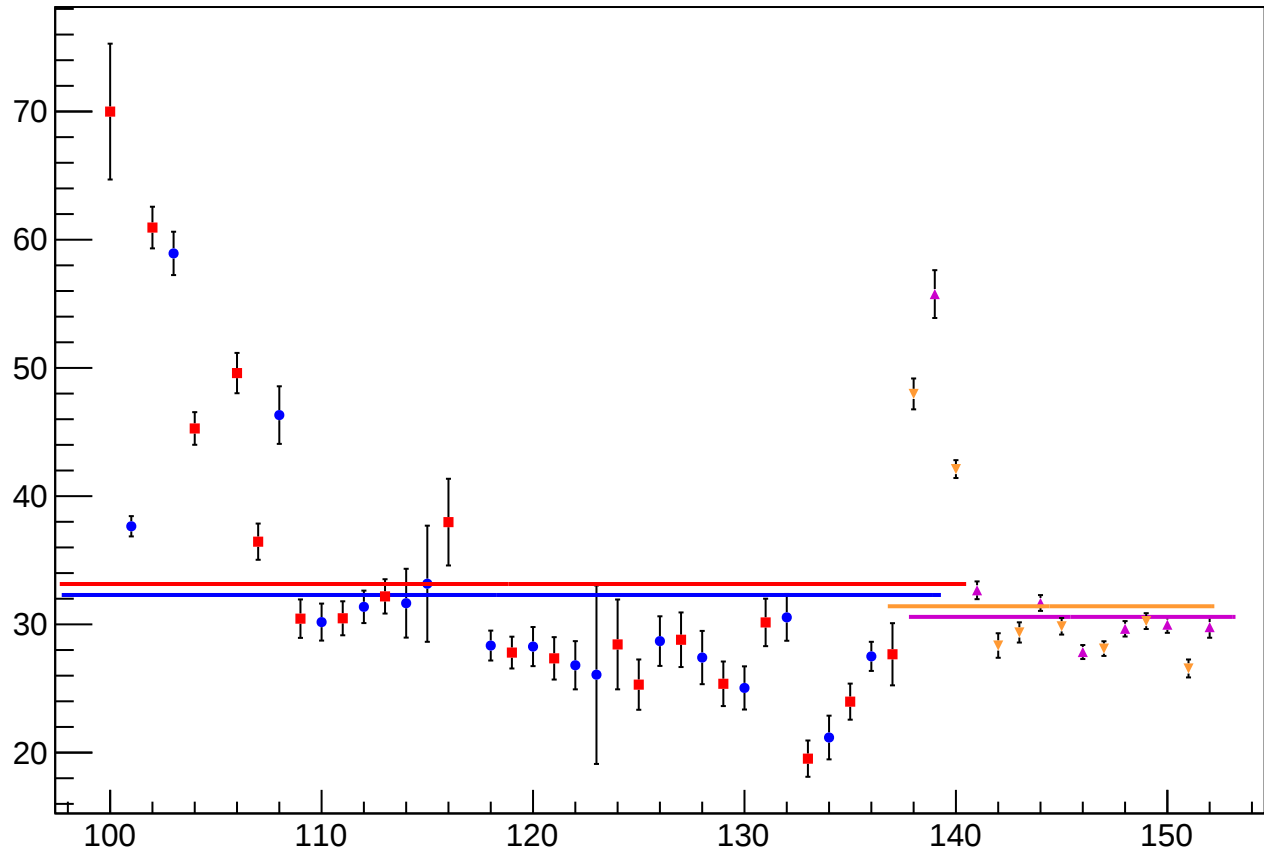
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.456+/-0.366 χ^2/NDF :1393.6/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.658+/-0.367 χ^2/NDF :346.3/6

Left: -28.568+/-0.259 χ^2/NDF : 1864.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.658+/-0.367 χ^2/NDF :346.3/6
 Out: -31.456+/-0.366 χ^2/NDF :1393.6/7

All: -28.568+/-0.259 χ^2/NDF : 1864.8/14

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.412 ± 0.253 $\chi^2/\text{NDF}: 532.1/7$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 30.584 ± 0.258 $\chi^2/\text{NDF}: 223.7/6$

Left: 31.005 ± 0.181 $\chi^2/\text{NDF}: 761.0/14$

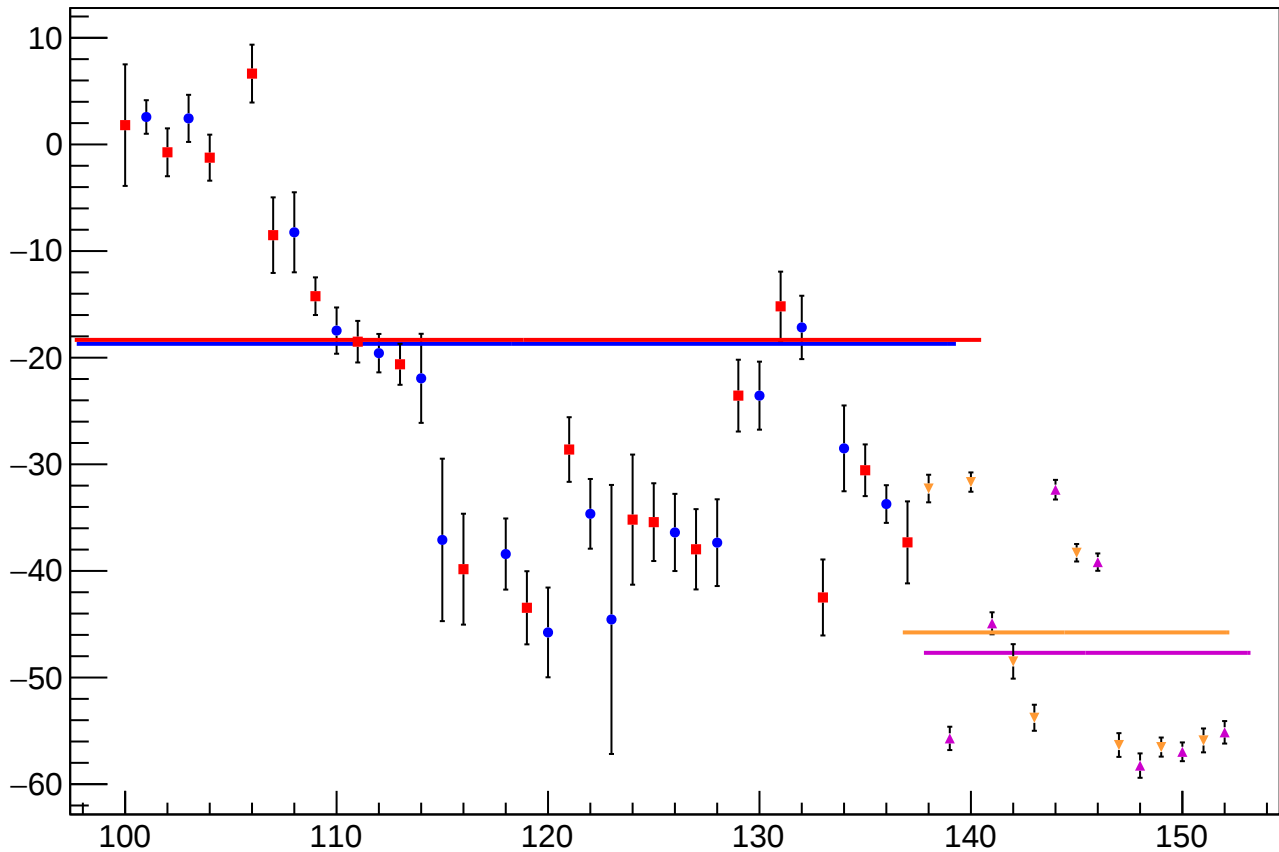
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.136 ± 0.212 $\chi^2/\text{NDF}: 690.4/23$

Out: 31.949 ± 0.211 $\chi^2/\text{NDF}: 1319.2/26$

All: 31.546 ± 0.149 $\chi^2/\text{NDF}: 2017.0/50$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -45.768 ± 0.373 $\chi^2/\text{NDF}: 795.8/7$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -47.683 ± 0.367 $\chi^2/\text{NDF}: 692.9/6$

Left: -46.739 ± 0.262 $\chi^2/\text{NDF}: 1502.1/14$

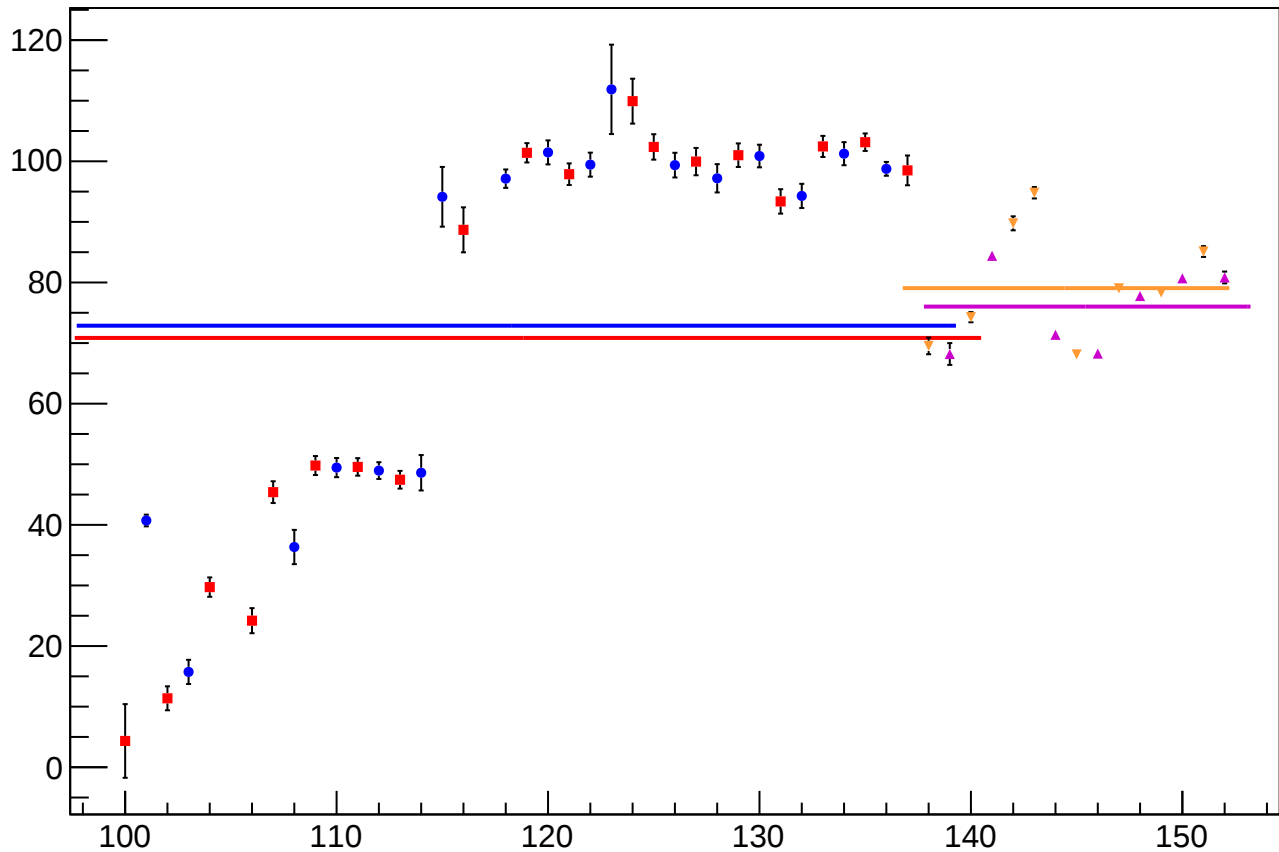
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -40.933 ± 0.322 $\chi^2/\text{NDF}: 2662.6/23$

Out: -38.879 ± 0.322 $\chi^2/\text{NDF}: 2631.6/26$

All: -39.908 ± 0.228 $\chi^2/\text{NDF}: 5314.5/50$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 79.068 $\pm$ 0.311 χ^2 /NDF:708.5/7

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 76.021 $\pm$ 0.314 χ^2 /NDF:361.3/6

Left: 77.558 $\pm$ 0.221 χ^2 /NDF: 1117.3/14

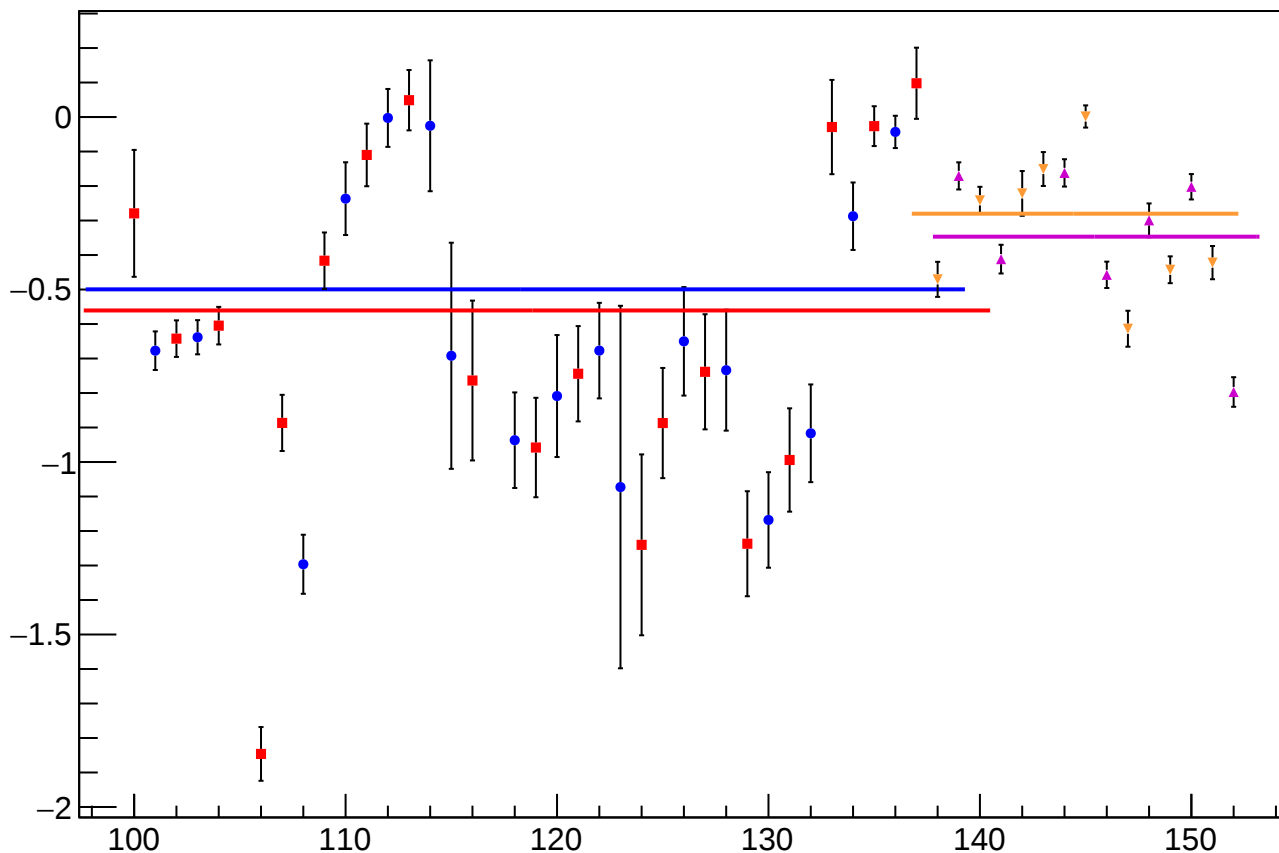
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.914 $\pm$ 0.253 χ^2 /NDF:5123.8/23

Out: 76.269 $\pm$ 0.253 χ^2 /NDF:6441.4/26

All: 75.592 $\pm$ 0.179 χ^2 /NDF: 11579.6/50

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: -0.280 ± 0.016 χ^2/NDF : 166.6/7

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.347 ± 0.015 χ^2/NDF : 179.2/6

Left: -0.314 ± 0.011 χ^2/NDF : 355.1/14

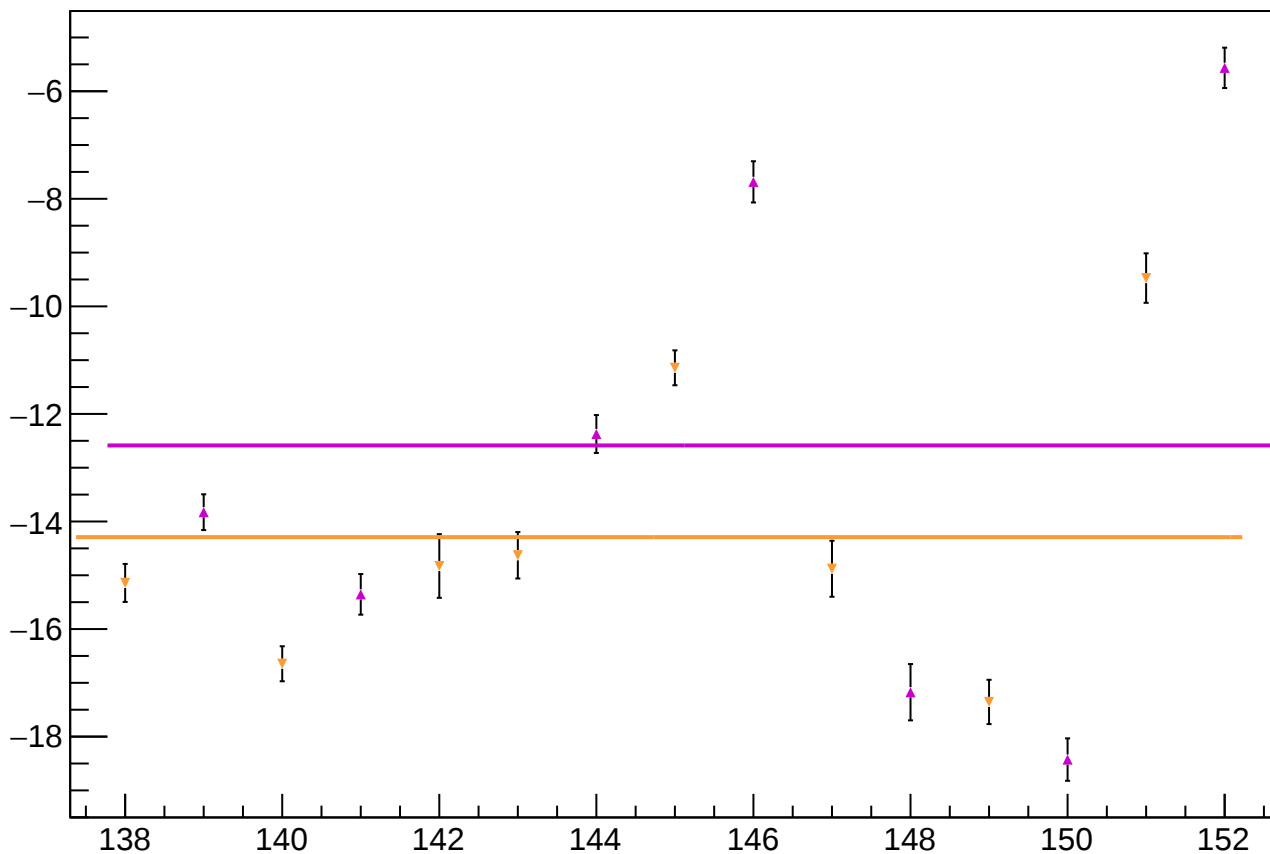
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.396 ± 0.013 χ^2/NDF : 513.7/23

Out: -0.377 ± 0.013 χ^2/NDF : 840.6/26

All: -0.387 ± 0.009 χ^2/NDF : 1355.3/50

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: -14.291+/-0.142 χ^2/NDF :319.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.586+/-0.144 χ^2/NDF :877.1/6

Left: -13.450+/-0.101 χ^2/NDF : 1267.8/14

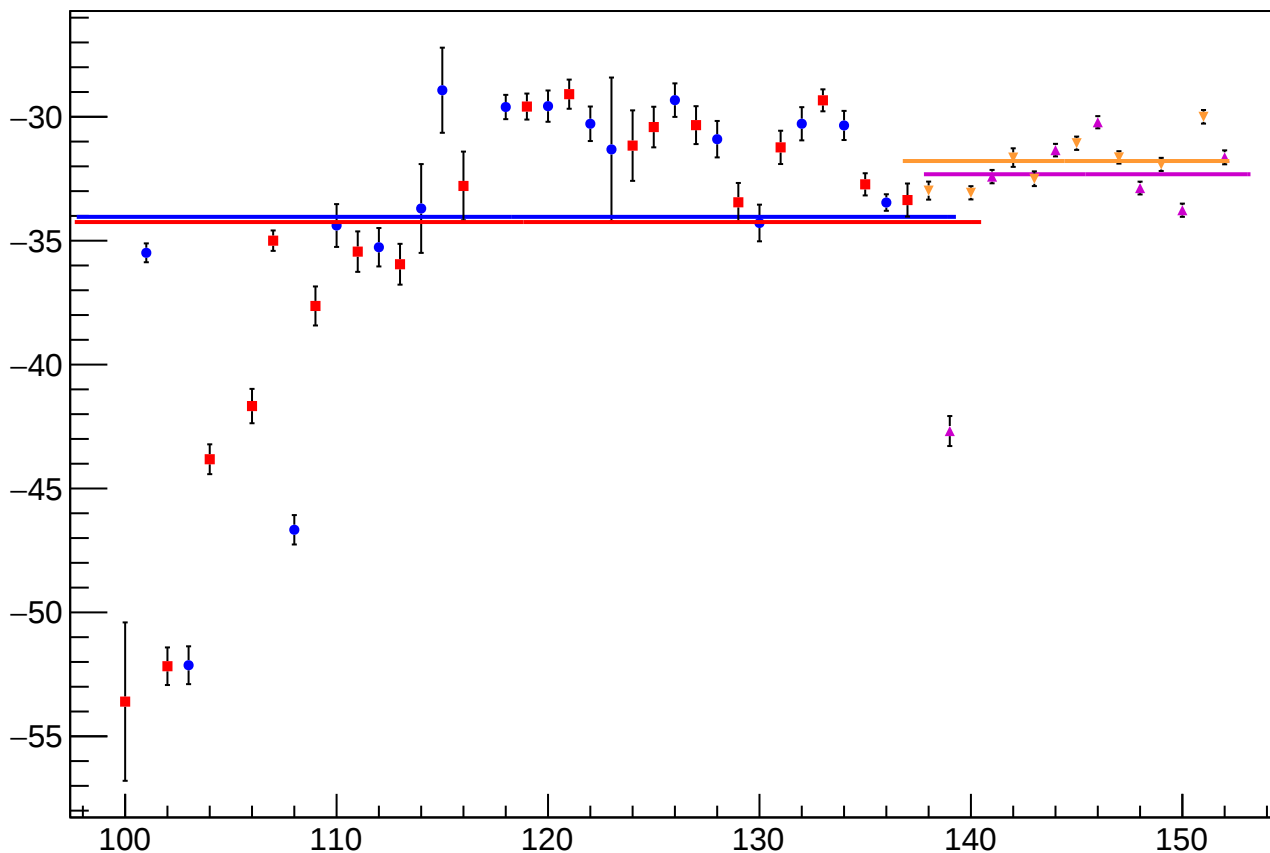
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.586+/-0.144 χ^2/NDF :877.1/6

Out: -14.291+/-0.142 χ^2/NDF :319.9/7

All: -13.450+/-0.101 χ^2/NDF : 1267.8/14

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.785 ± 0.101 χ^2/NDF : 89.6/7

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.318 ± 0.105 χ^2/NDF : 420.5/6

Left: -32.041 ± 0.073 χ^2/NDF : 523.4/14

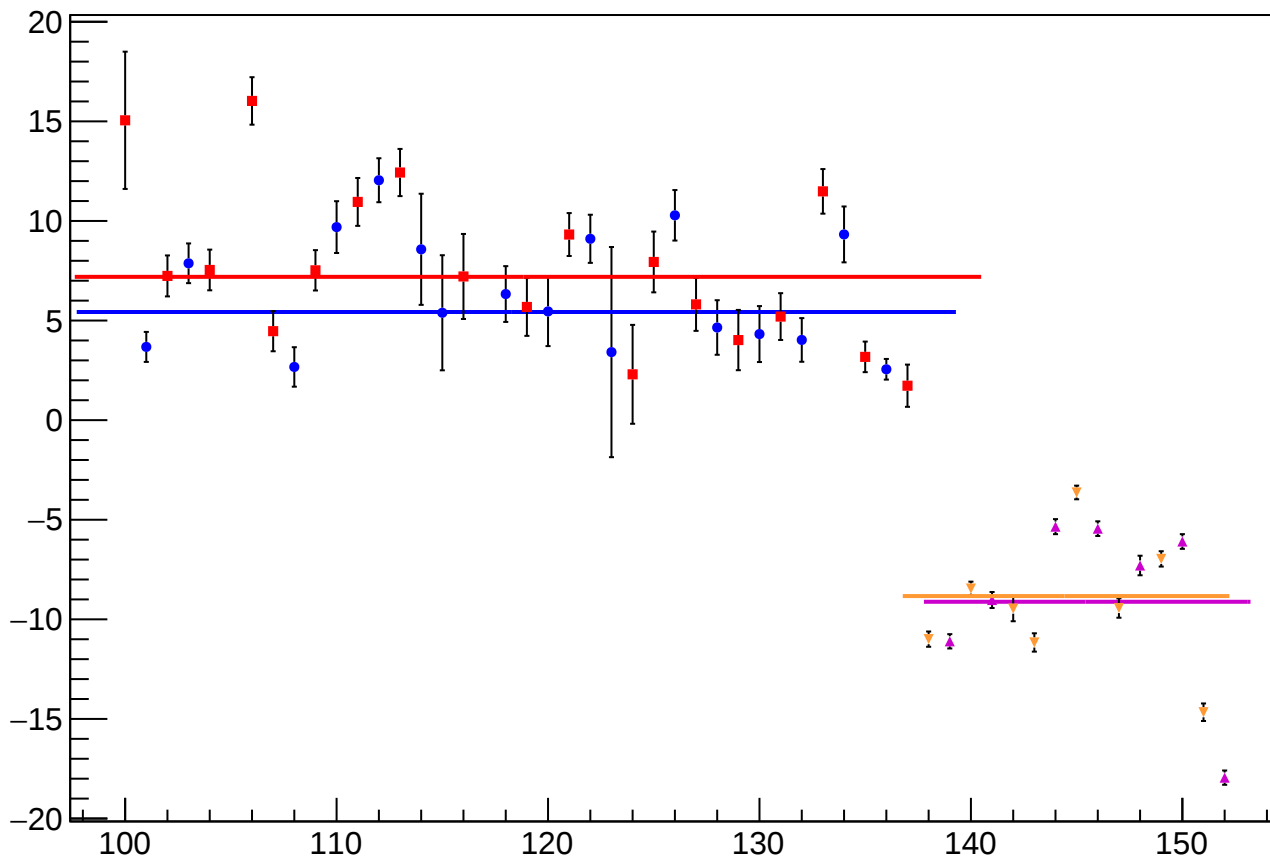
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.882 ± 0.086 χ^2/NDF : 1850.7/23

Out: -32.553 ± 0.084 χ^2/NDF : 1631.1/26

All: -32.713 ± 0.060 χ^2/NDF : 3489.2/50

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: -8.832 ± 0.146 $\chi^2/\text{NDF}: 490.0/7$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -9.119 ± 0.145 $\chi^2/\text{NDF}: 915.7/6$

Left: -8.976 ± 0.103 $\chi^2/\text{NDF}: 1407.7/14$

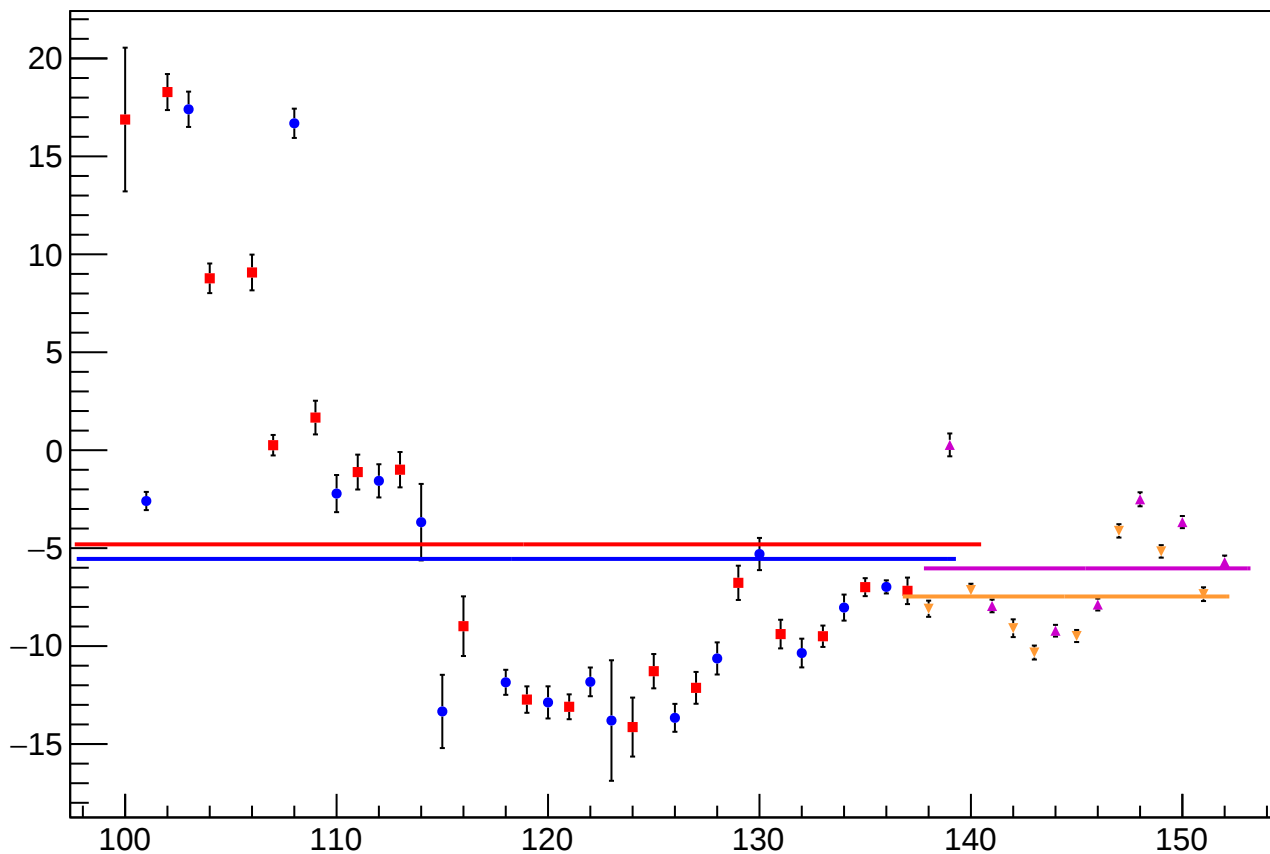
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -5.861 ± 0.128 $\chi^2/\text{NDF}: 3303.3/23$

Out: -5.292 ± 0.129 $\chi^2/\text{NDF}: 3337.3/26$

All: -5.579 ± 0.091 $\chi^2/\text{NDF}: 6650.4/50$

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: -7.468 ± 0.124 χ^2/NDF : 271.0/7

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.033 ± 0.127 χ^2/NDF : 457.9/6

Left: -6.770 ± 0.089 χ^2/NDF : 794.1/14

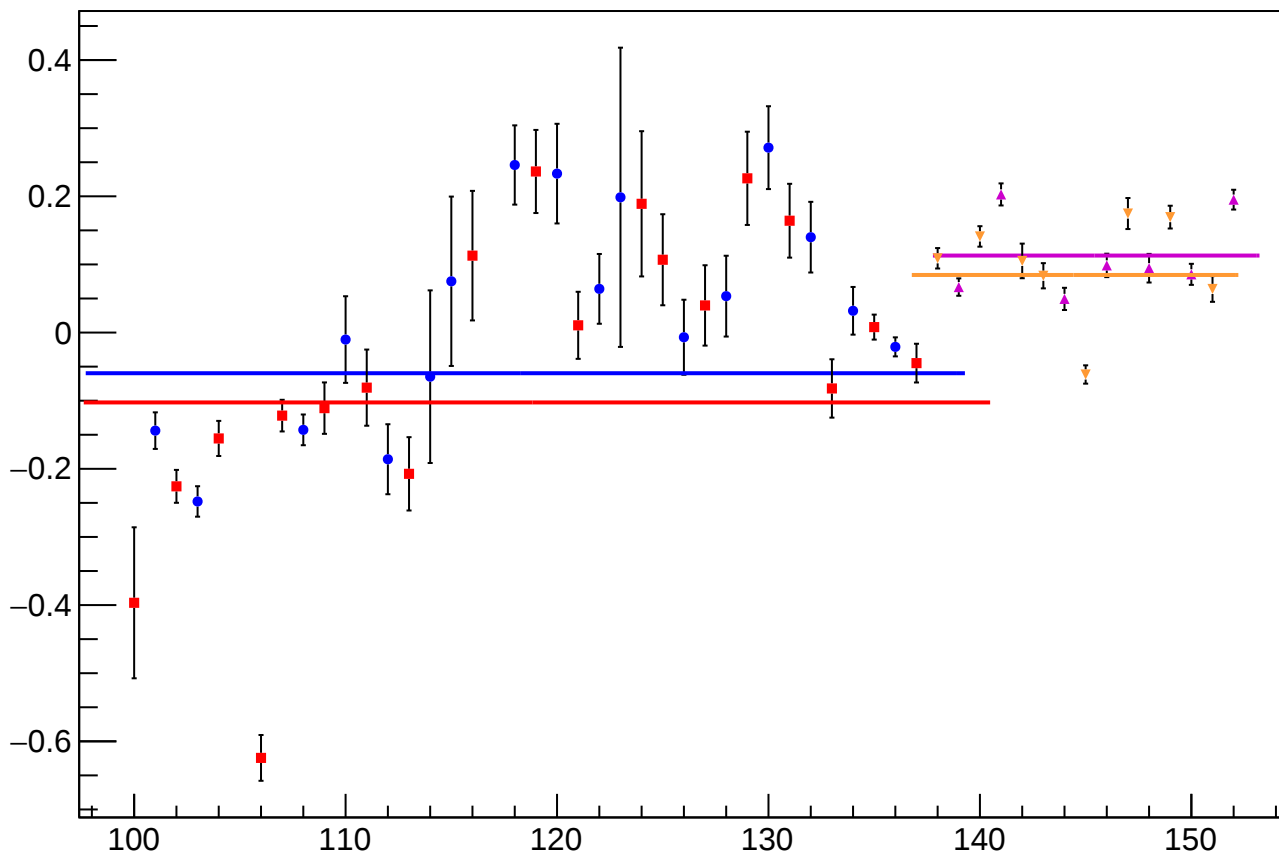
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.860 ± 0.102 χ^2/NDF : 2589.6/23

Out: -6.563 ± 0.101 χ^2/NDF : 2476.0/26

All: -6.216 ± 0.072 χ^2/NDF : 5089.8/50

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: 0.085 ± 0.006 χ^2/NDF : 178.2/7

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.113 ± 0.006 χ^2/NDF : 95.7/6

Left: 0.099 ± 0.004 χ^2/NDF : 285.1/14

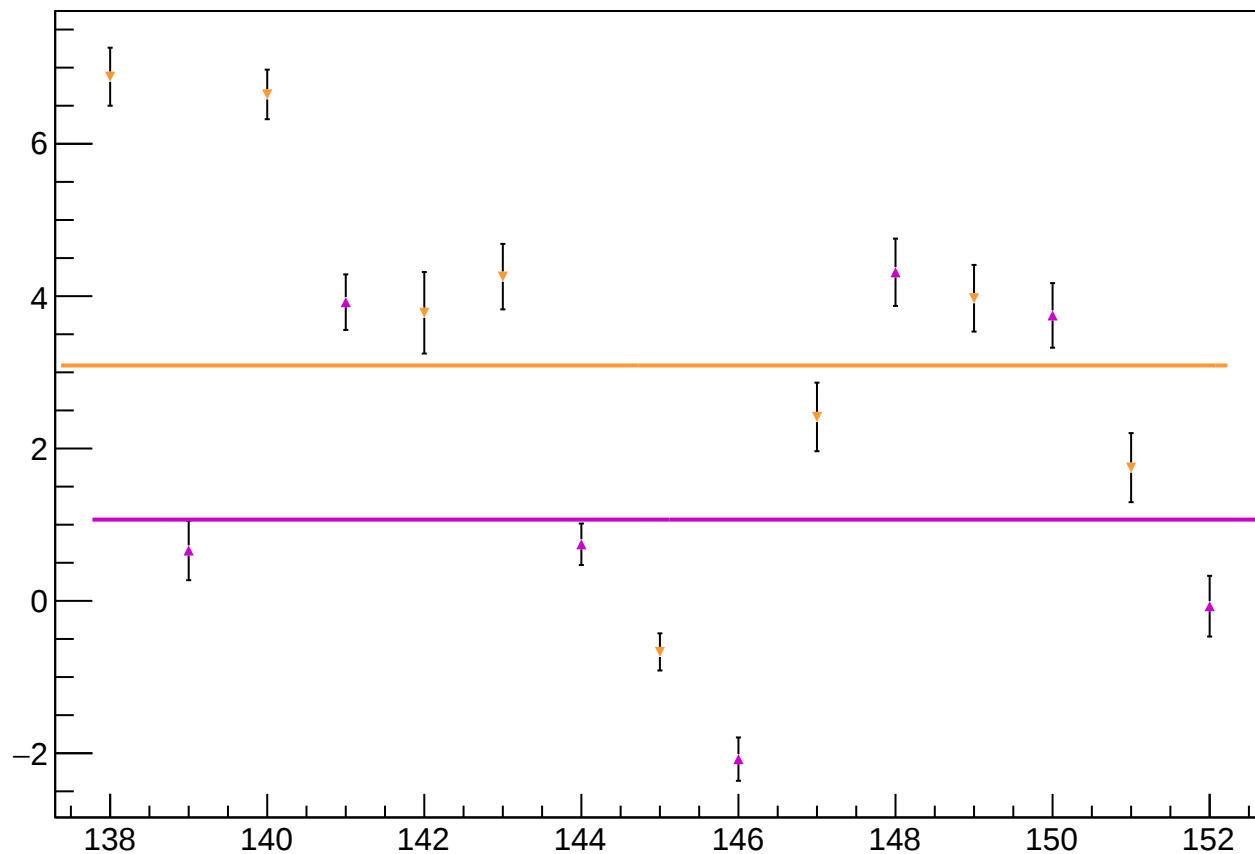
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.055 ± 0.005 χ^2/NDF : 594.2/23

Out: 0.021 ± 0.005 χ^2/NDF : 938.8/26

All: 0.038 ± 0.003 χ^2/NDF : 1558.3/50

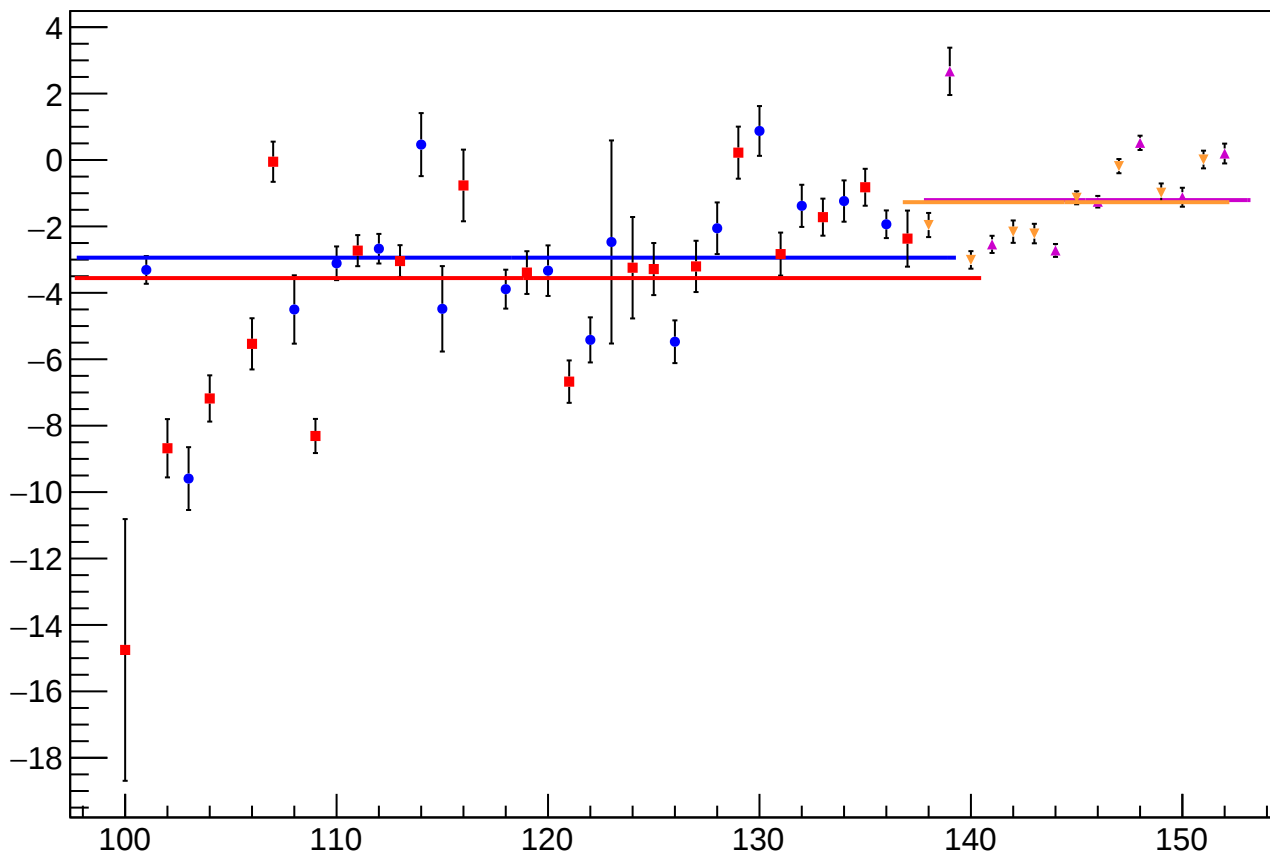
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.090 $\pm$ 0.132 χ^2 /NDF:480.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6

Left: 2.080 $\pm$ 0.094 χ^2 /NDF: 885.2/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6
 Out: 3.090 $\pm$ 0.132 χ^2 /NDF:480.5/7
 All: 2.080 $\pm$ 0.094 χ^2 /NDF: 885.2/14

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: -1.270 ± 0.092 χ^2/NDF : 114.7/7

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.208 ± 0.091 χ^2/NDF : 203.3/6

Left: -1.238 ± 0.065 χ^2/NDF : 318.3/14

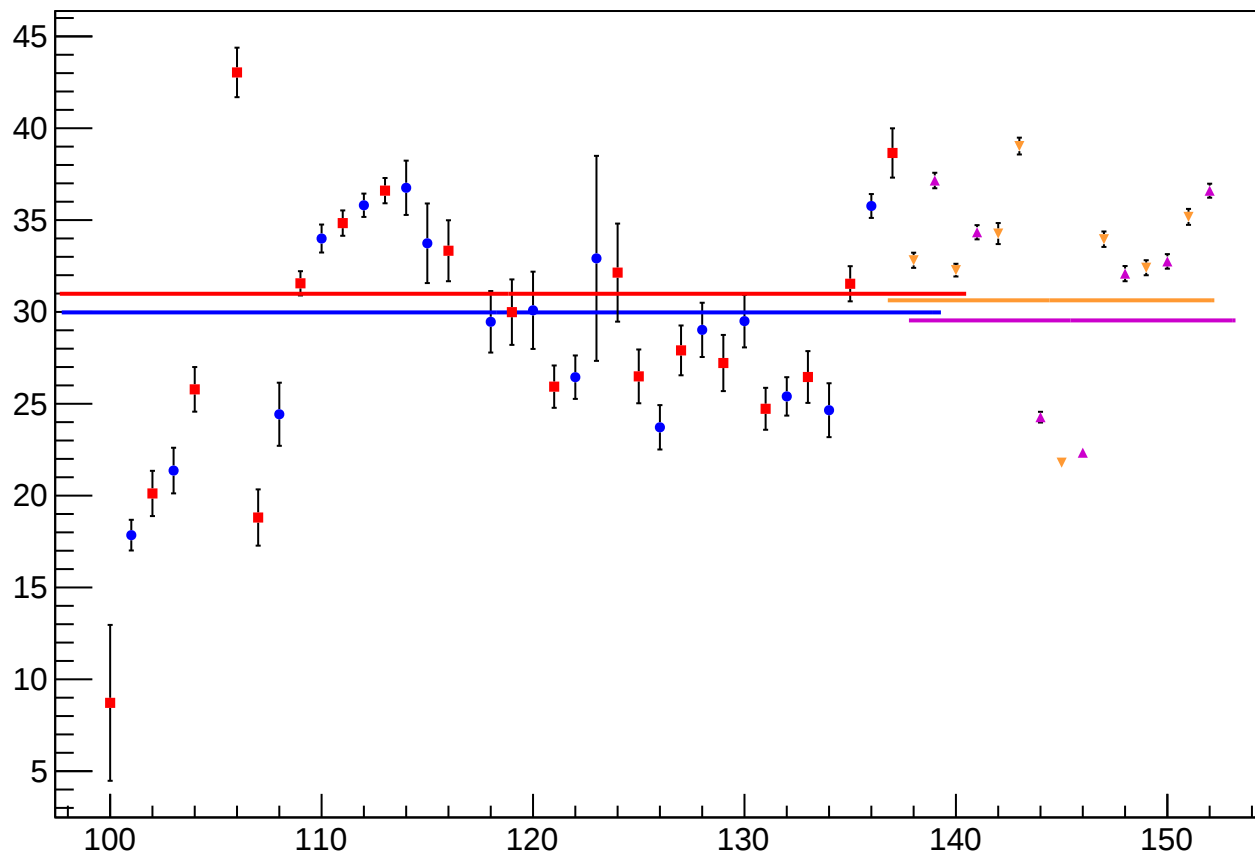
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.654 ± 0.078 χ^2/NDF : 442.7/23

Out: -1.873 ± 0.079 χ^2/NDF : 567.5/26

All: -1.762 ± 0.056 χ^2/NDF : 1014.1/50

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 30.632 ± 0.136 $\chi^2/\text{NDF}: 1775.2/7$

Right Out: 30.989 ± 0.260 $\chi^2/\text{NDF}: 481.0/18$

Left In: 29.538 ± 0.133 $\chi^2/\text{NDF}: 1946.7/6$

Left: 30.071 ± 0.095 $\chi^2/\text{NDF}: 3754.9/14$

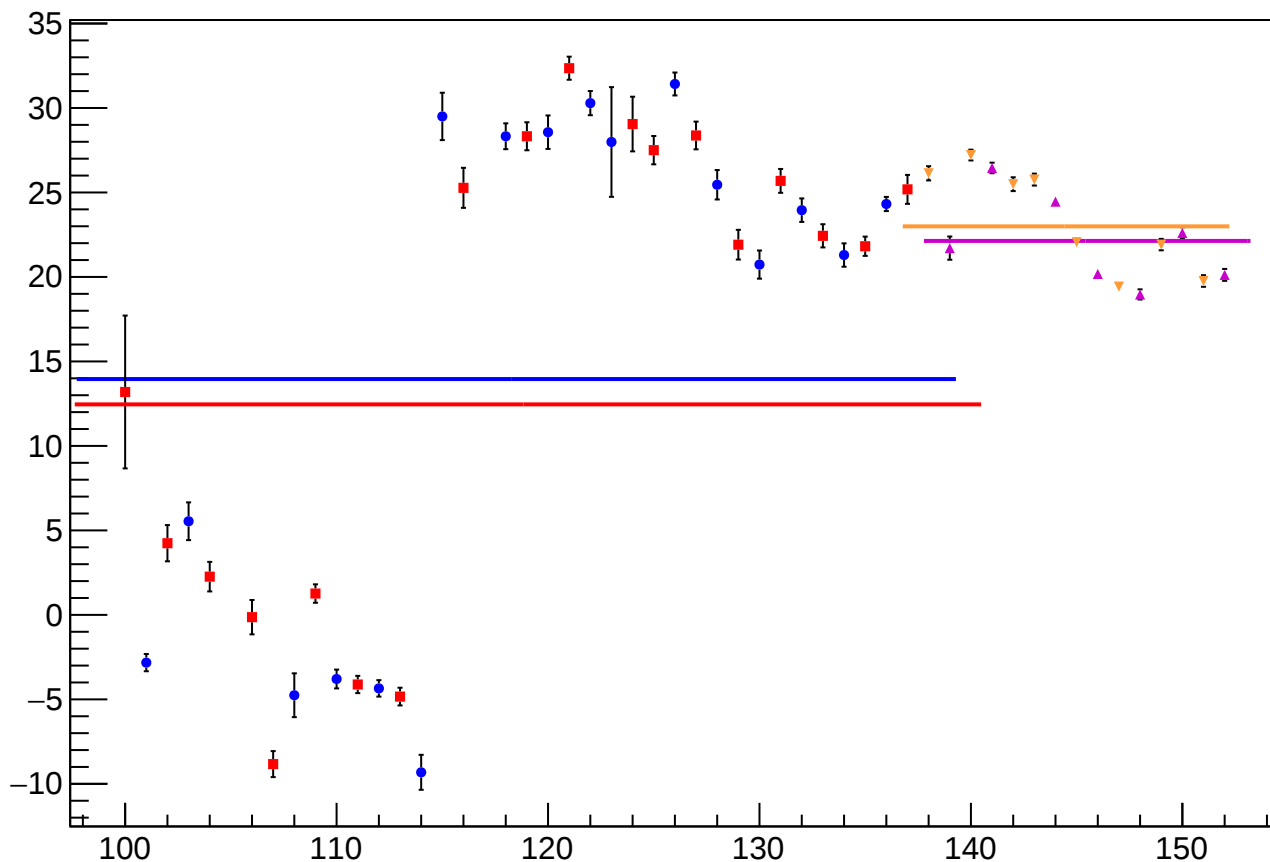
Right: 30.495 ± 0.186 $\chi^2/\text{NDF}: 1042.4/35$

In: 29.625 ± 0.119 $\chi^2/\text{NDF}: 2502.8/23$

Out: 30.709 ± 0.121 $\chi^2/\text{NDF}: 2257.7/26$

All: 30.159 ± 0.085 $\chi^2/\text{NDF}: 4801.3/50$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.995 $\pm$ 0.114 χ^2 /NDF:590.4/7

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.133 $\pm$ 0.112 χ^2 /NDF:518.2/6

Left: 22.557 $\pm$ 0.080 χ^2 /NDF: 1138.0/14

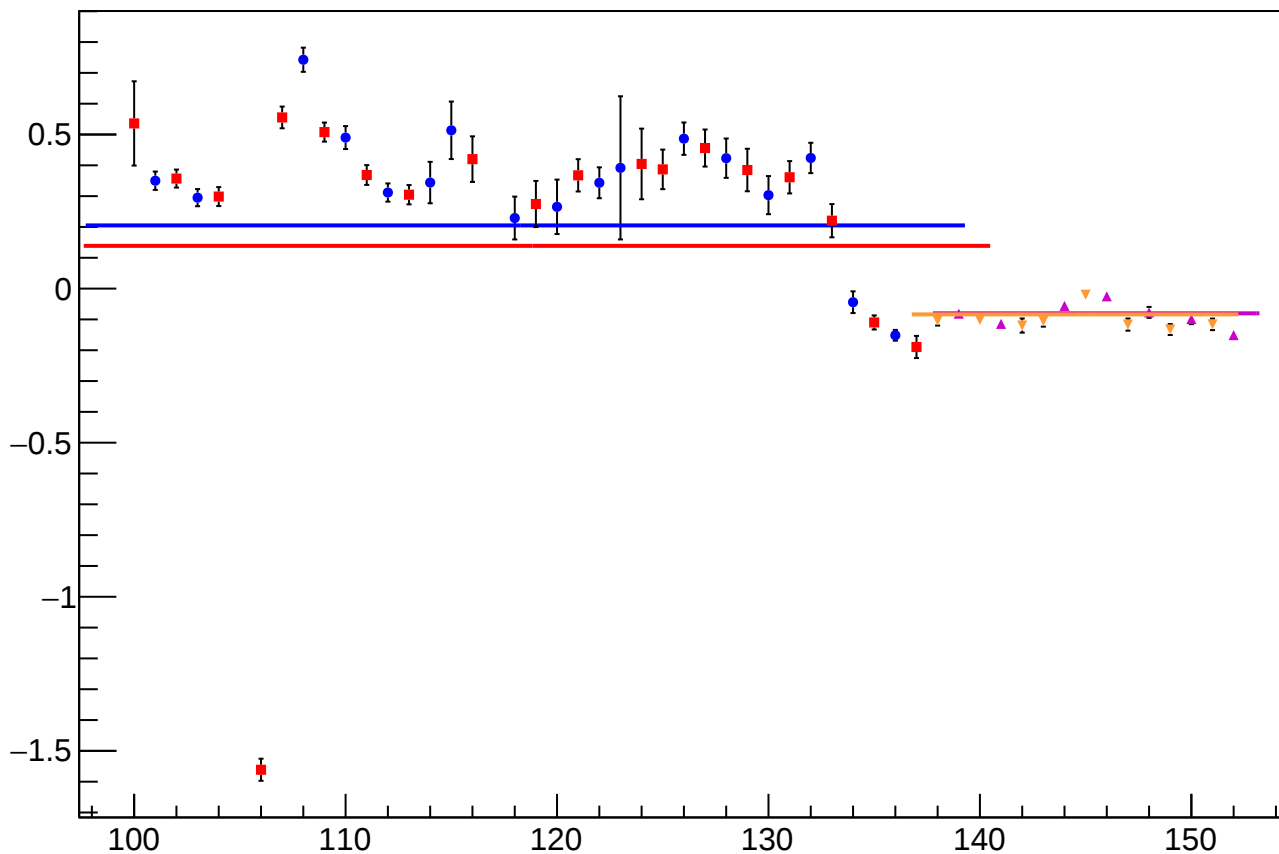
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.712 $\pm$ 0.094 χ^2 /NDF:9451.8/23

Out: 19.838 $\pm$ 0.095 χ^2 /NDF:10150.1/26

All: 19.774 $\pm$ 0.067 χ^2 /NDF: 19602.8/50

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.084 ± 0.006 $\chi^2/\text{NDF}: 59.5/7$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.080 ± 0.006 $\chi^2/\text{NDF}: 49.4/6$

Left: -0.082 ± 0.004 $\chi^2/\text{NDF}: 109.1/14$

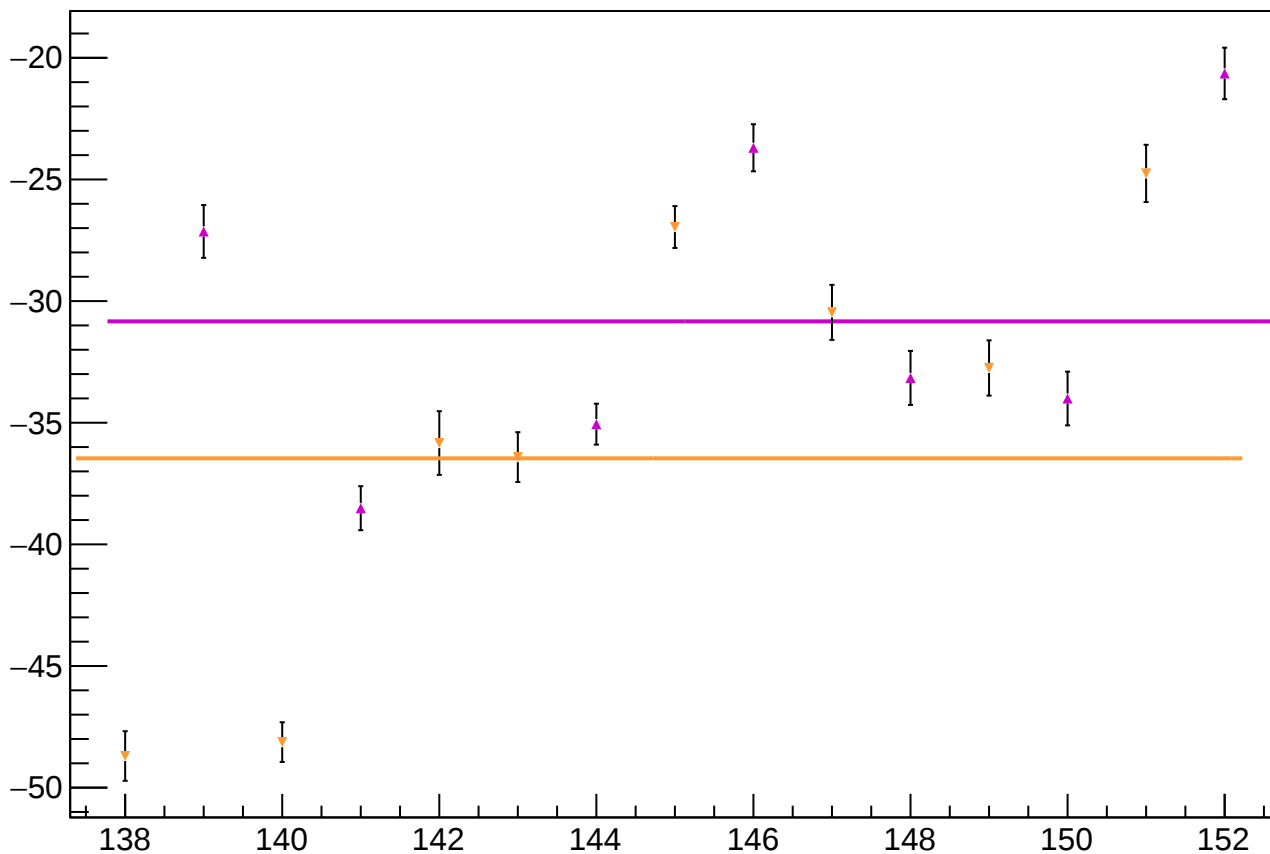
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.005 ± 0.005 $\chi^2/\text{NDF}: 1579.5/23$

Out: -0.022 ± 0.005 $\chi^2/\text{NDF}: 3500.0/26$

All: -0.014 ± 0.003 $\chi^2/\text{NDF}: 5085.8/50$

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: -36.463+/-0.362 χ^2/NDF : 608.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.832+/-0.376 χ^2/NDF : 268.6/6

Left: -33.753+/-0.261 χ^2/NDF : 993.4/14

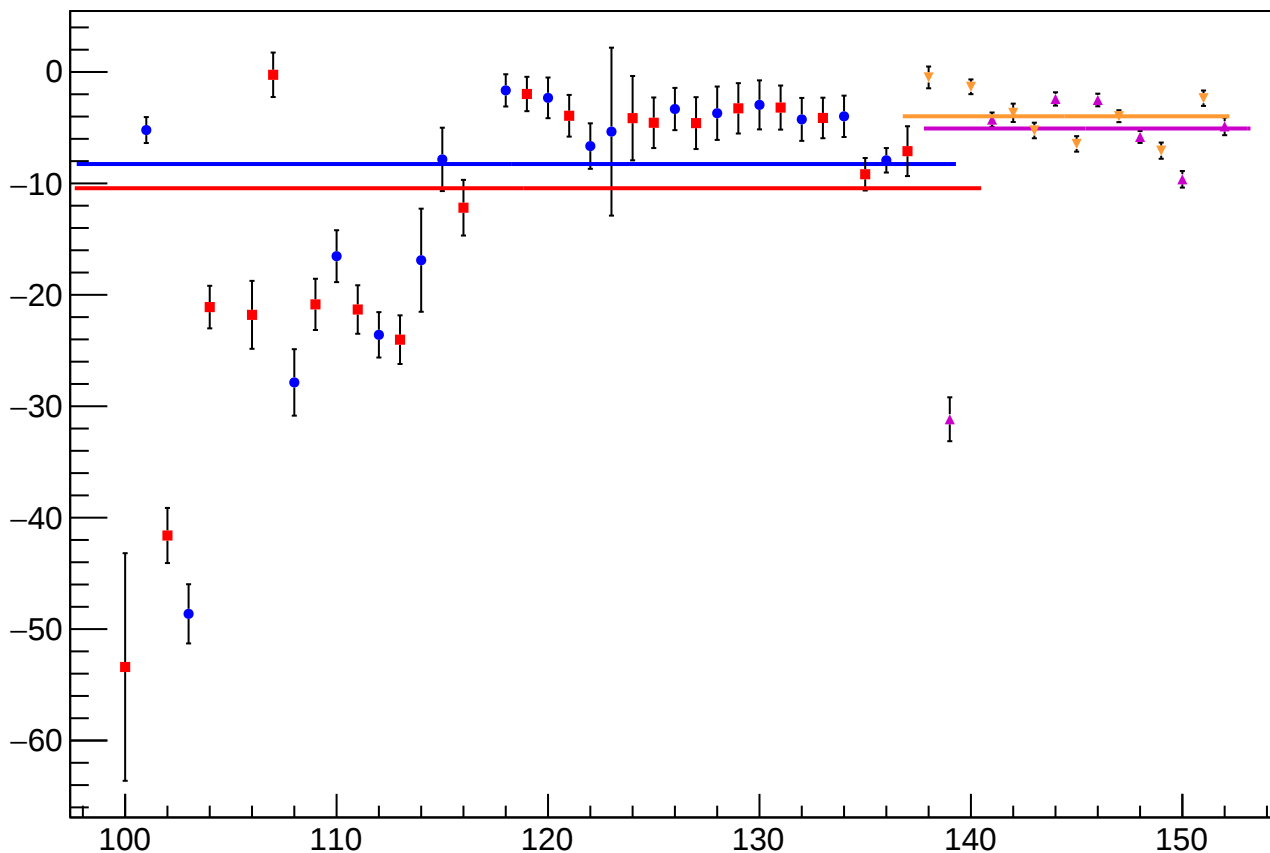
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.832+/-0.376 χ^2/NDF : 268.6/6

Out: -36.463+/-0.362 χ^2/NDF : 608.4/7

All: -33.753+/-0.261 χ^2/NDF : 993.4/14

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.975 ± 0.247 χ^2/NDF : 68.4/7

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -5.071 ± 0.255 χ^2/NDF : 256.5/6

Left: -4.506 ± 0.177 χ^2/NDF : 334.5/14

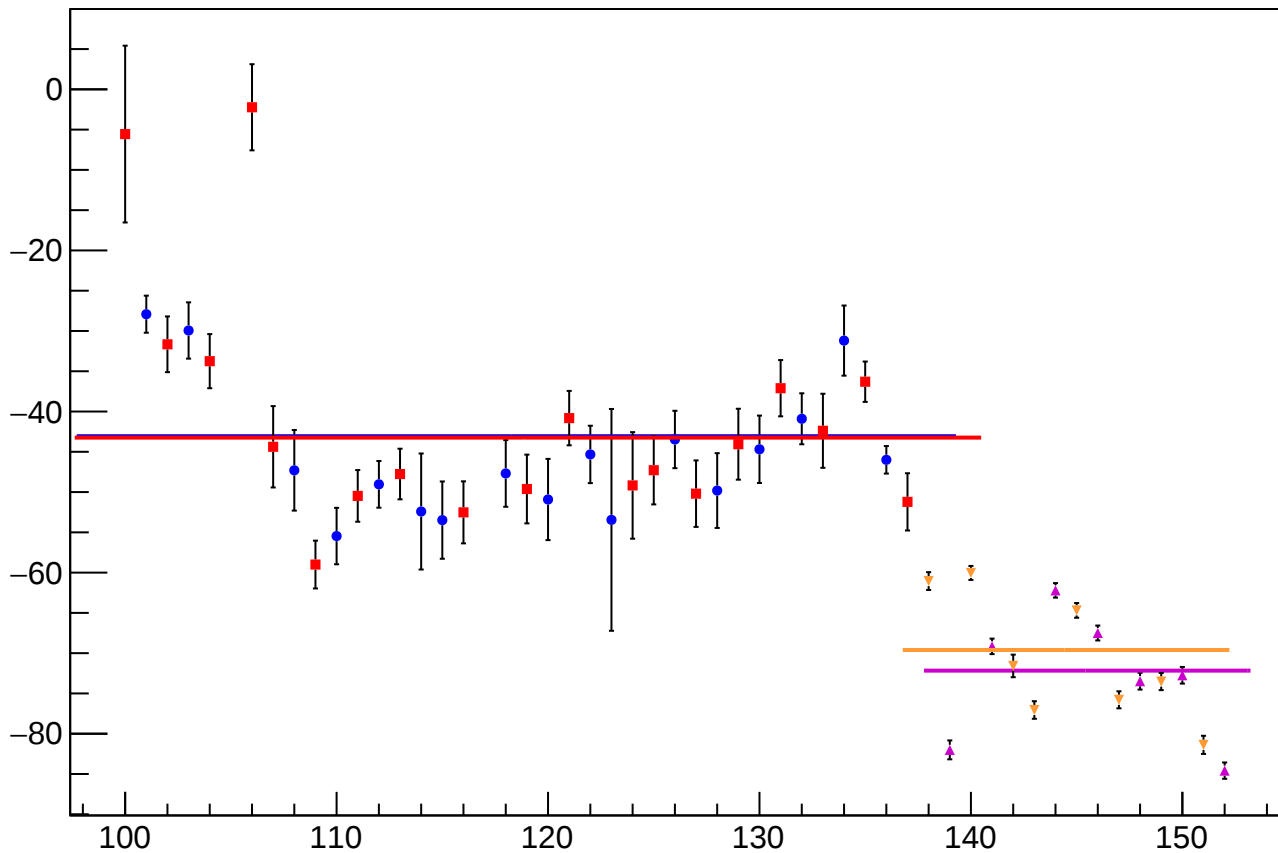
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.813 ± 0.223 χ^2/NDF : 704.9/23

Out: -5.282 ± 0.221 χ^2/NDF : 635.3/26

All: -5.544 ± 0.157 χ^2/NDF : 1343.1/50

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -69.603 ± 0.371 χ^2/NDF : 415.6/7

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -72.168 ± 0.377 χ^2/NDF : 380.0/6

Left: -70.866 ± 0.264 χ^2/NDF : 819.1/14

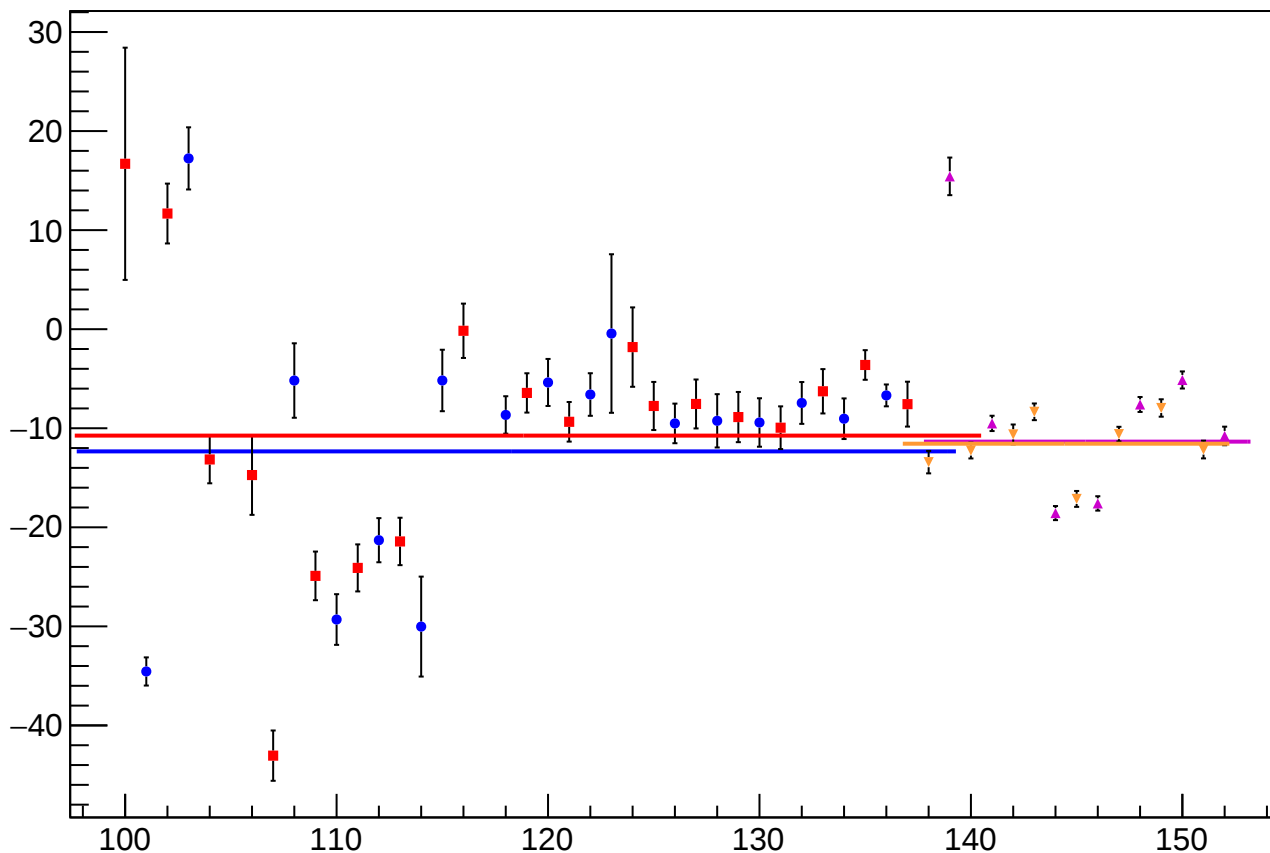
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -67.246 ± 0.344 χ^2/NDF : 1487.7/23

Out: -65.510 ± 0.341 χ^2/NDF : 1352.8/26

All: -66.372 ± 0.242 χ^2/NDF : 2853.3/50

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -11.560 ± 0.306 χ^2/NDF : 86.1/7

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -11.352 ± 0.315 χ^2/NDF : 458.4/6

Left: -11.459 ± 0.220 χ^2/NDF : 544.8/14

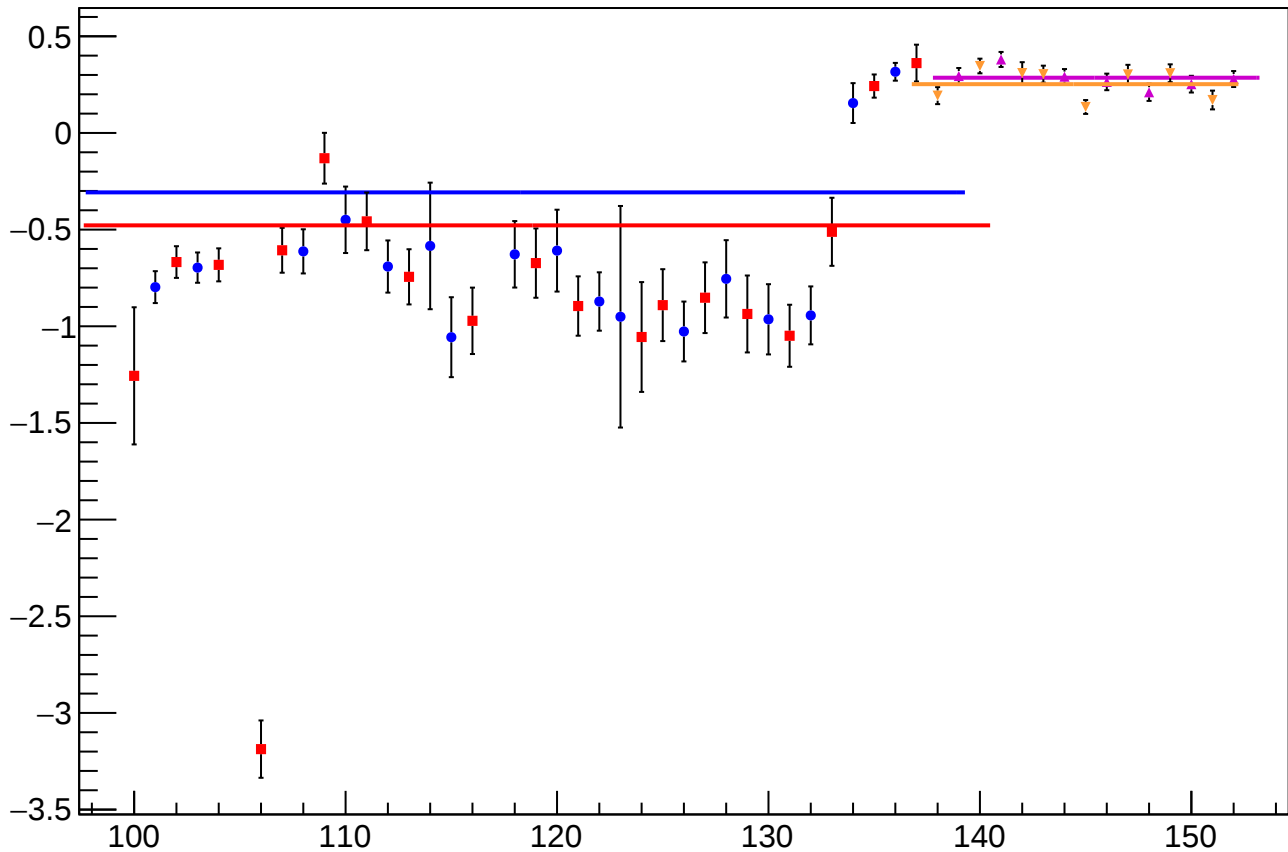
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -11.616 ± 0.270 χ^2/NDF : 936.2/23

Out: -11.369 ± 0.268 χ^2/NDF : 454.7/26

All: -11.491 ± 0.190 χ^2/NDF : 1391.3/50

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: 0.252 ± 0.016 χ^2/NDF : 26.6/7

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.286 ± 0.016 χ^2/NDF : 9.7/6

Left: 0.269 ± 0.011 χ^2/NDF : 38.5/14

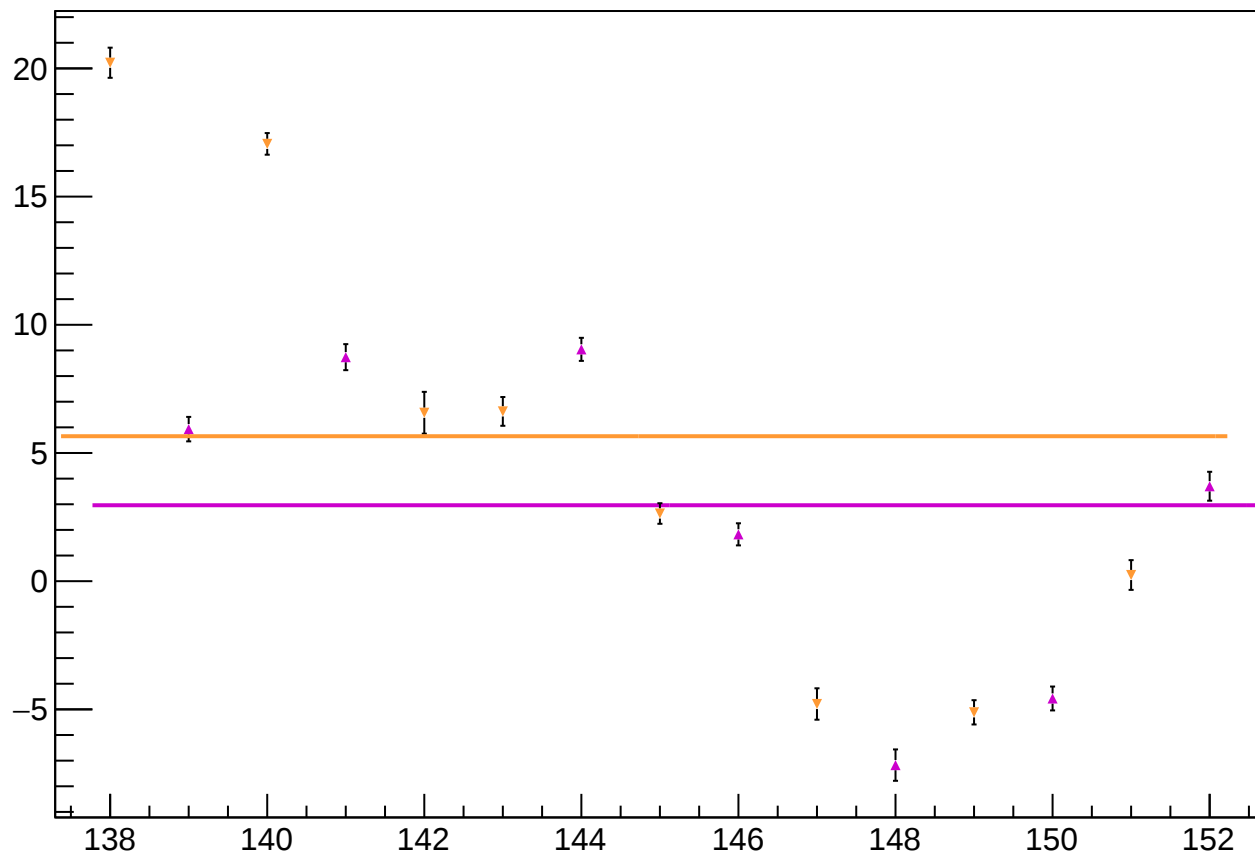
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.140 ± 0.014 χ^2/NDF : 732.1/23

Out: 0.084 ± 0.014 χ^2/NDF : 1162.8/26

All: 0.112 ± 0.010 χ^2/NDF : 1903.1/50

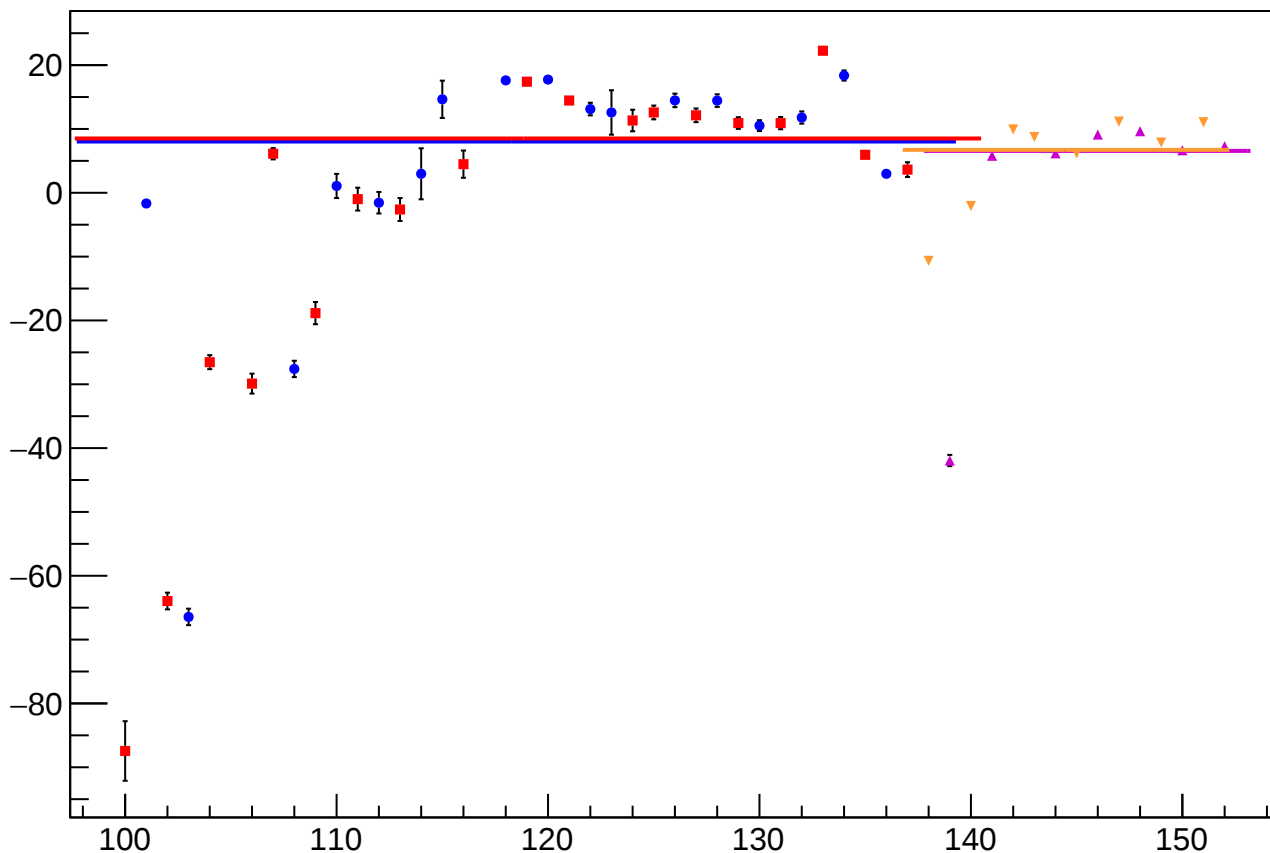
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.654 $\pm$ 0.184 χ^2 /NDF:2299.4/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.962 $\pm$ 0.186 χ^2 /NDF:895.8/6

Left: 4.319 $\pm$ 0.131 χ^2 /NDF: 3301.2/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.962 $\pm$ 0.186 χ^2 /NDF:895.8/6
 Out: 5.654 $\pm$ 0.184 χ^2 /NDF:2299.4/7
 All: 4.319 $\pm$ 0.131 χ^2 /NDF: 3301.2/14

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 6.719 ± 0.128 $\chi^2/\text{NDF}: 1948.9/7$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 6.562 ± 0.131 $\chi^2/\text{NDF}: 3239.4/6$

Left: 6.643 ± 0.092 $\chi^2/\text{NDF}: 5189.1/14$

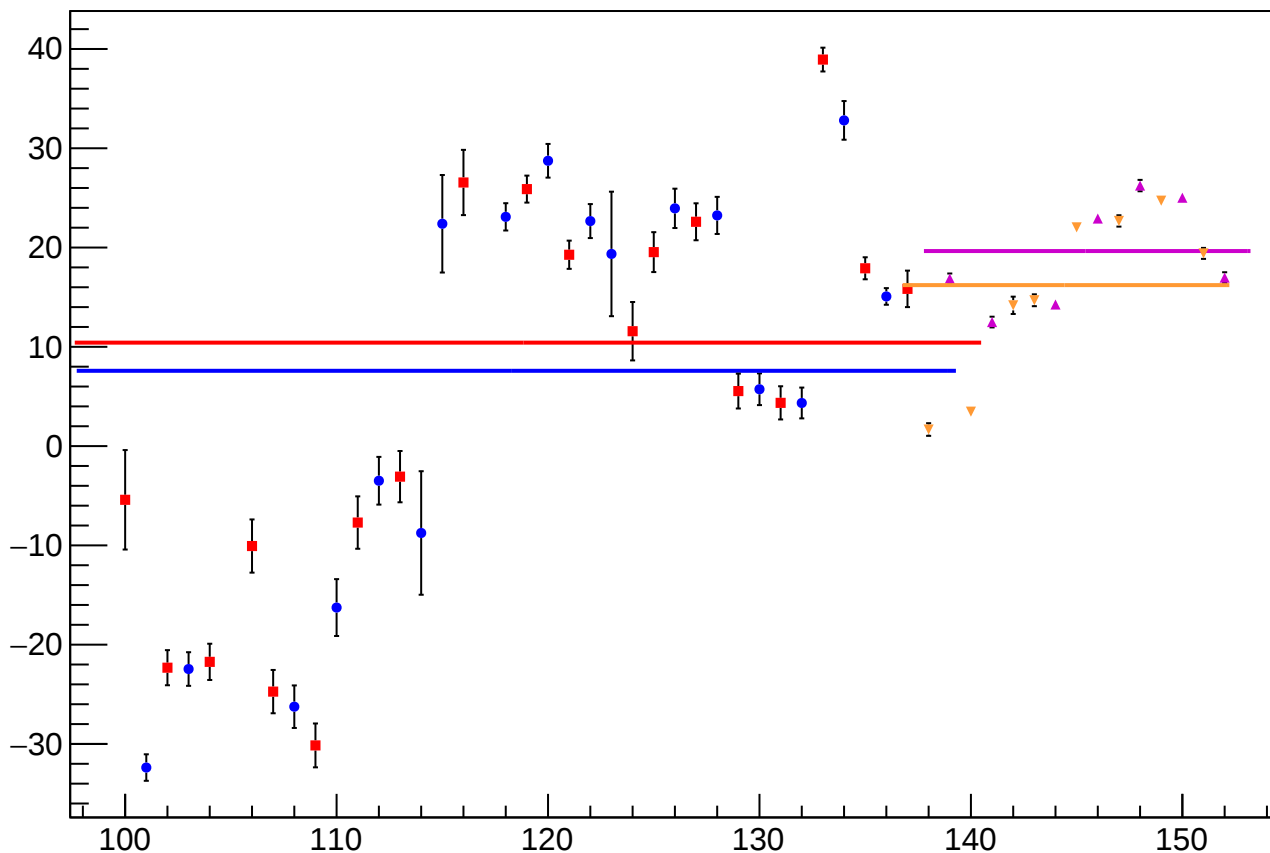
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 6.961 ± 0.112 $\chi^2/\text{NDF}: 8643.8/23$

Out: 7.192 ± 0.109 $\chi^2/\text{NDF}: 8714.1/26$

All: 7.079 ± 0.078 $\chi^2/\text{NDF}: 17360.1/50$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 16.216 ± 0.187 χ^2/NDF : 2053.7/7

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 19.647 ± 0.185 χ^2/NDF : 700.6/6

Left: 17.949 ± 0.132 χ^2/NDF : 2923.7/14

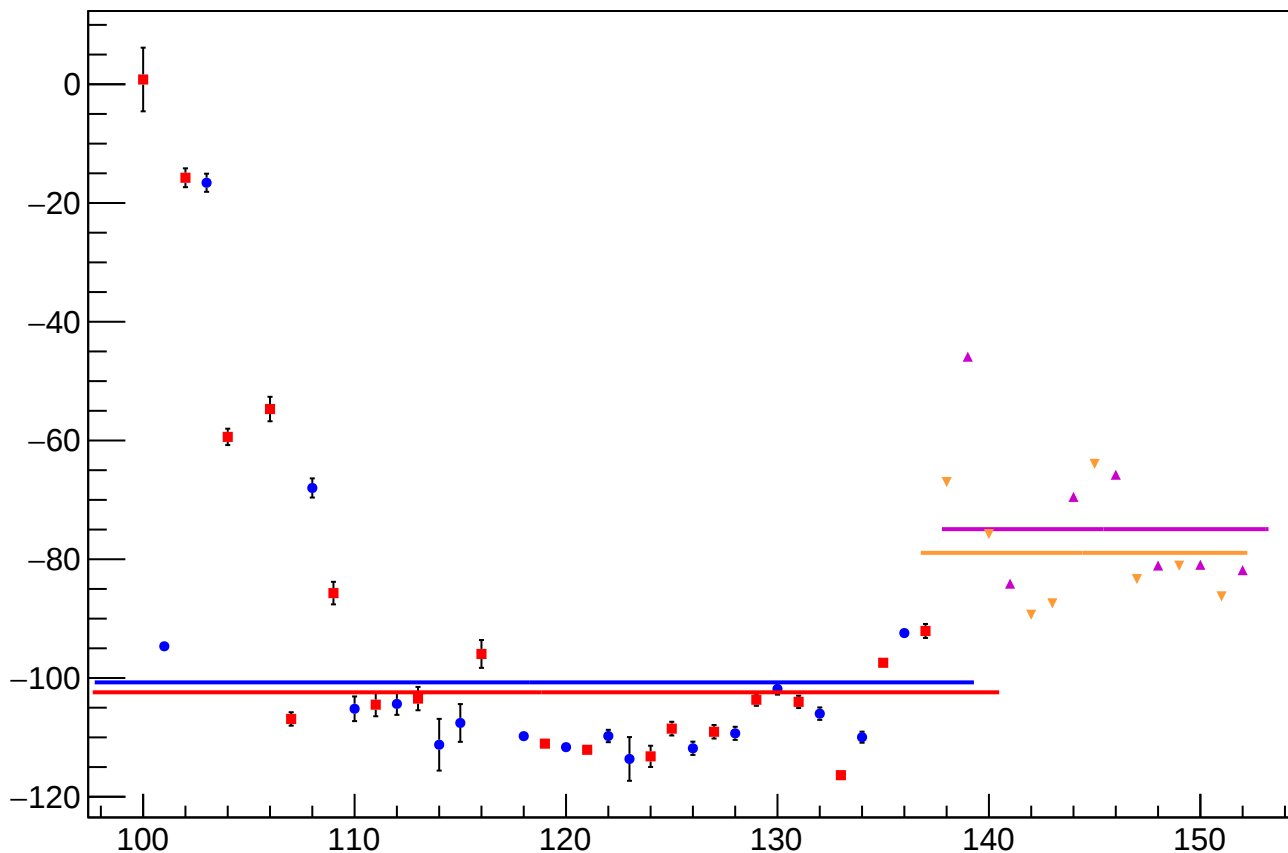
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.650 ± 0.169 χ^2/NDF : 3723.9/23

Out: 15.239 ± 0.171 χ^2/NDF : 4504.4/26

All: 16.455 ± 0.120 χ^2/NDF : 8328.7/50

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -78.921 ± 0.157 $\chi^2/\text{NDF}: 2973.6/7$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -74.929 ± 0.160 $\chi^2/\text{NDF}: 3205.3/6$

Left: -76.963 ± 0.112 $\chi^2/\text{NDF}: 6497.0/14$

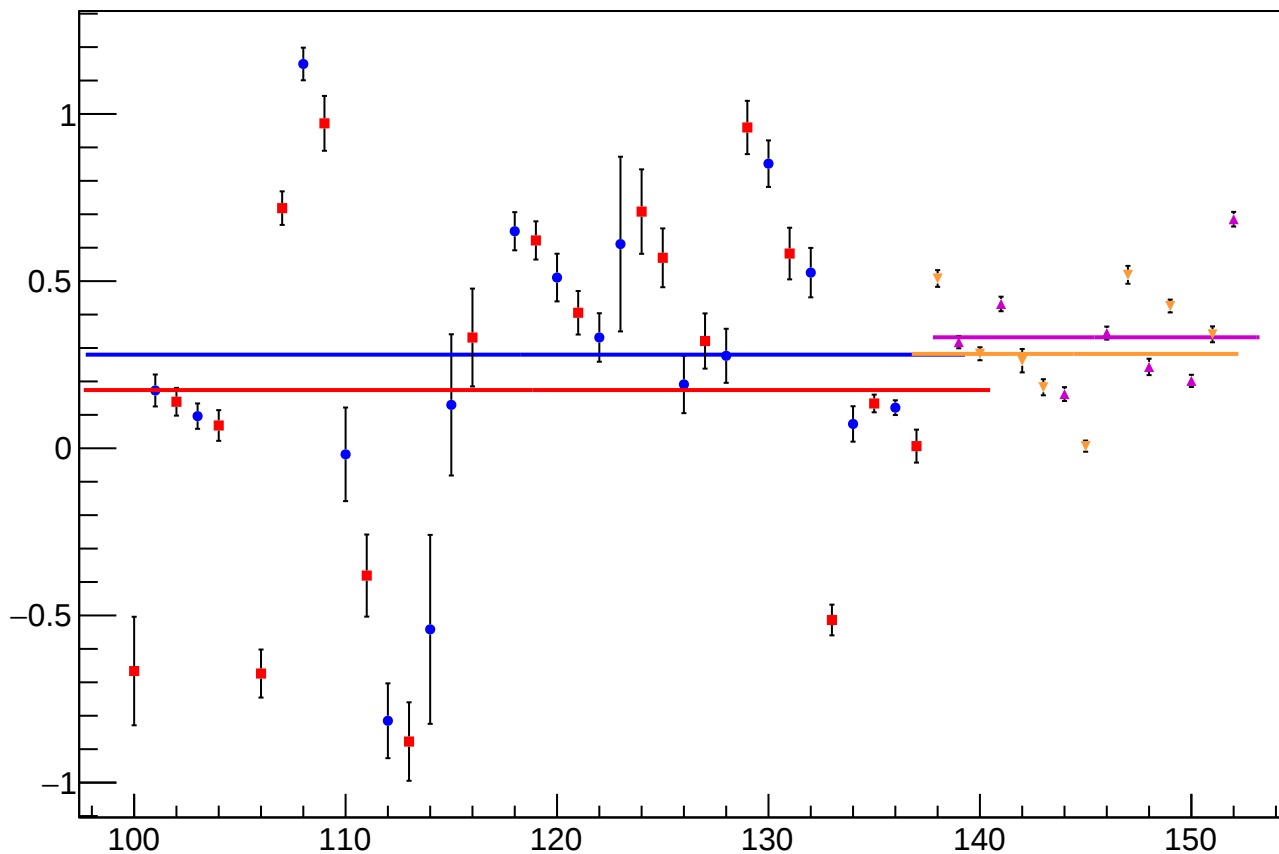
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -82.484 ± 0.134 $\chi^2/\text{NDF}: 15365.7/23$

Out: -85.708 ± 0.132 $\chi^2/\text{NDF}: 15550.6/26$

All: -84.122 ± 0.094 $\chi^2/\text{NDF}: 31209.0/50$

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: 0.282 ± 0.008 χ^2/NDF : 512.6/7

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.332 ± 0.008 χ^2/NDF : 412.5/6

Left: 0.308 ± 0.006 χ^2/NDF : 945.4/14

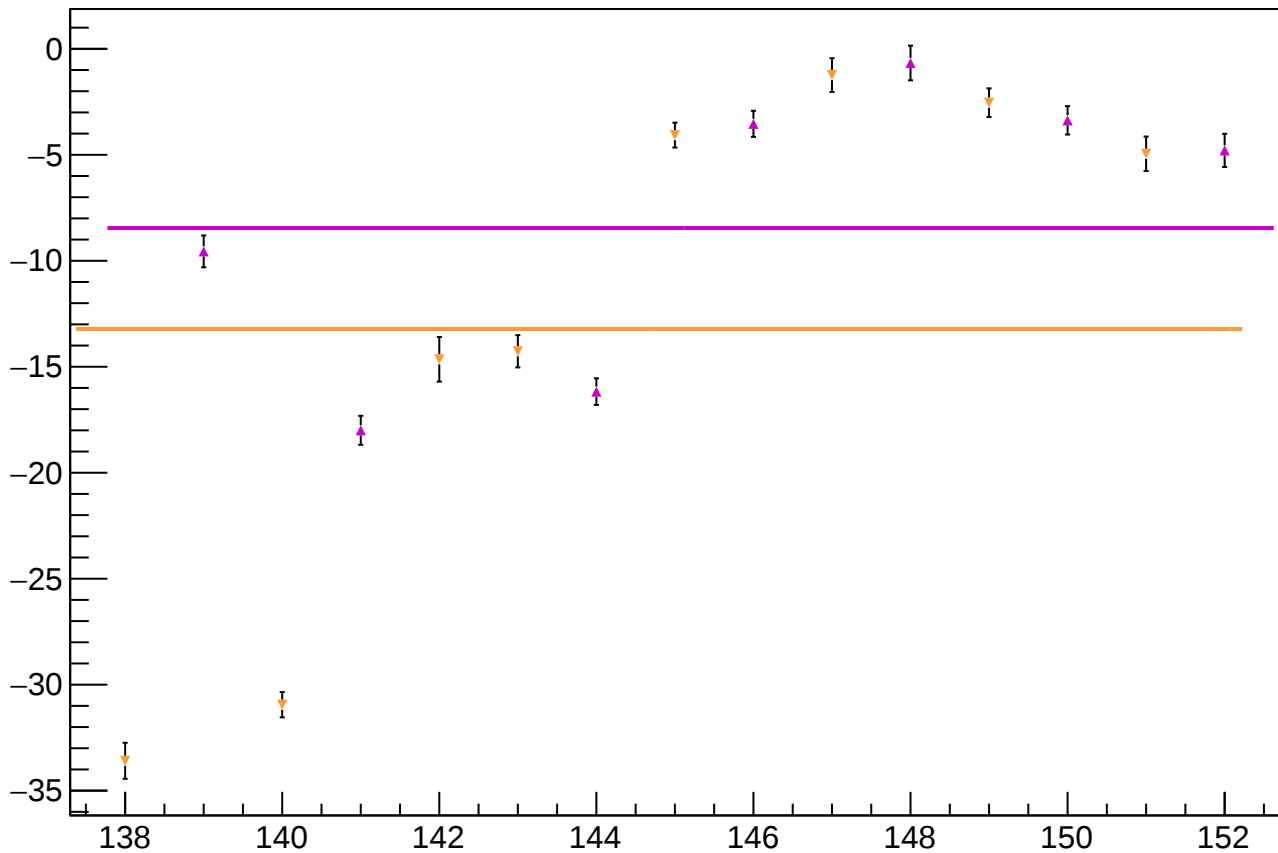
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.319 ± 0.007 χ^2/NDF : 1080.0/23

Out: 0.255 ± 0.007 χ^2/NDF : 1525.0/26

All: 0.287 ± 0.005 χ^2/NDF : 2650.5/50

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.218+/-0.258 χ^2/NDF : 2284.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.453+/-0.263 χ^2/NDF : 582.1/6

Left: -10.881+/-0.184 χ^2/NDF : 3034.1/14

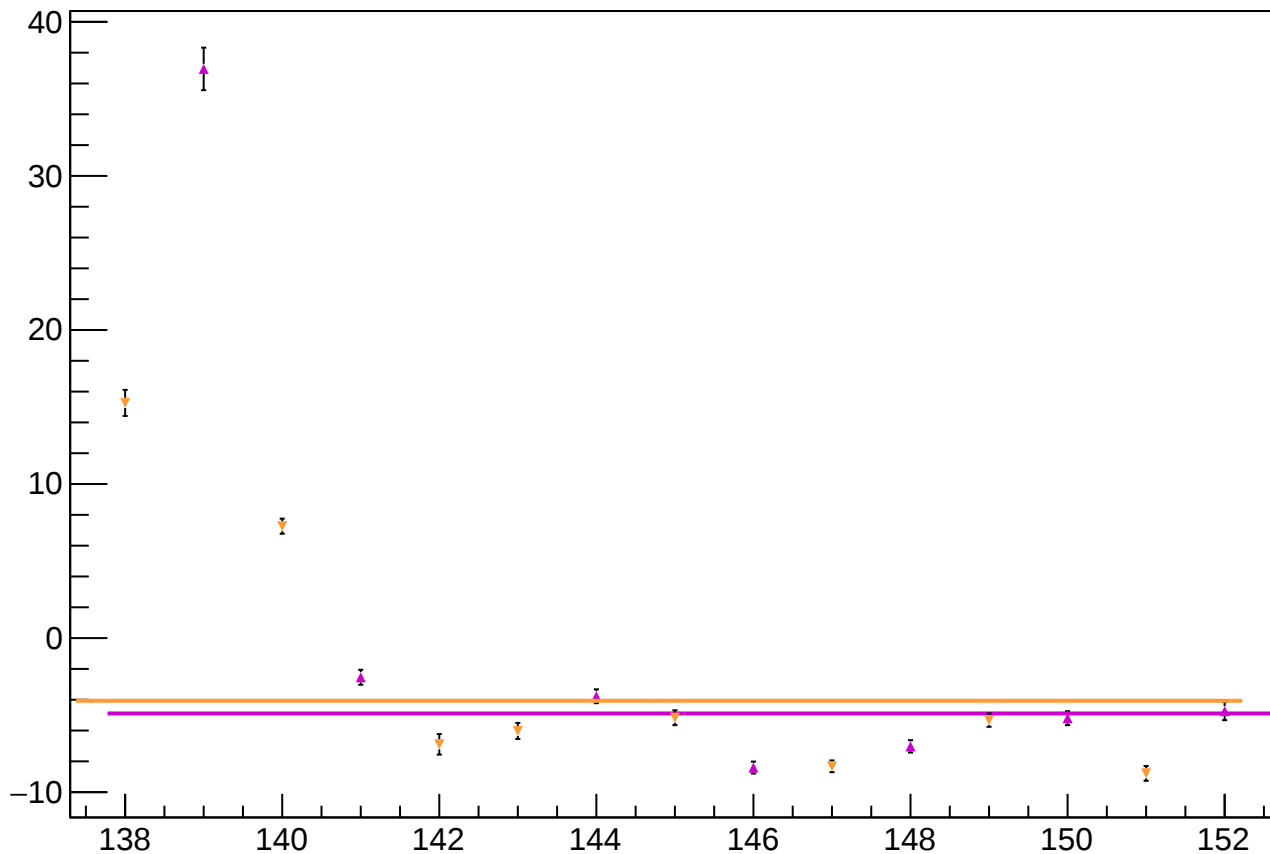
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.453+/-0.263 χ^2/NDF : 582.1/6

Out: -13.218+/-0.258 χ^2/NDF : 2284.9/7

All: -10.881+/-0.184 χ^2/NDF : 3034.1/14

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.068+/-0.176 χ^2/NDF :1324.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Left: -4.466+/-0.127 χ^2/NDF : 2394.7/14

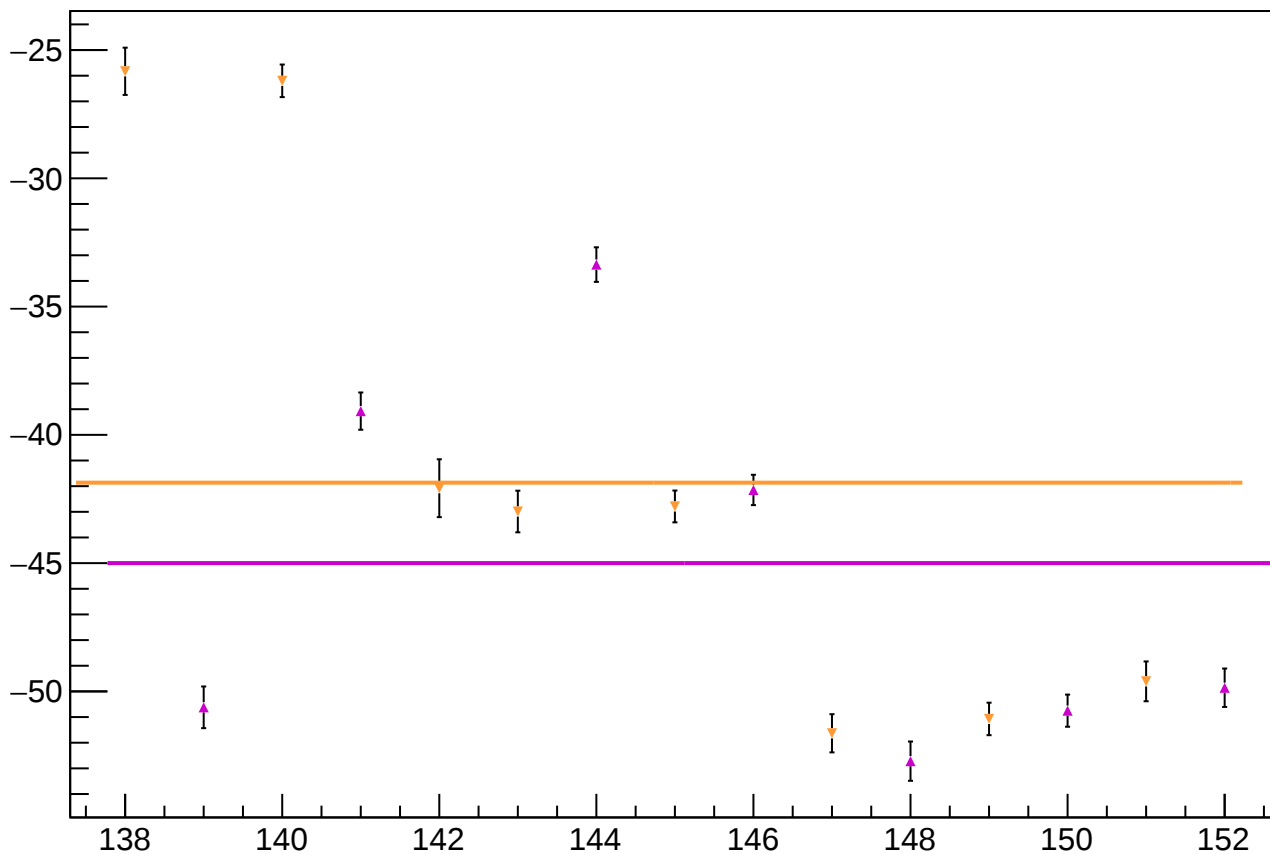
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Out: -4.068+/-0.176 χ^2/NDF :1324.1/7

All: -4.466+/-0.127 χ^2/NDF : 2394.7/14

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.863+/-0.262 χ^2/NDF :1399.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.999+/-0.263 χ^2/NDF :663.8/6

Left: -43.430+/-0.186 χ^2/NDF : 2134.7/14

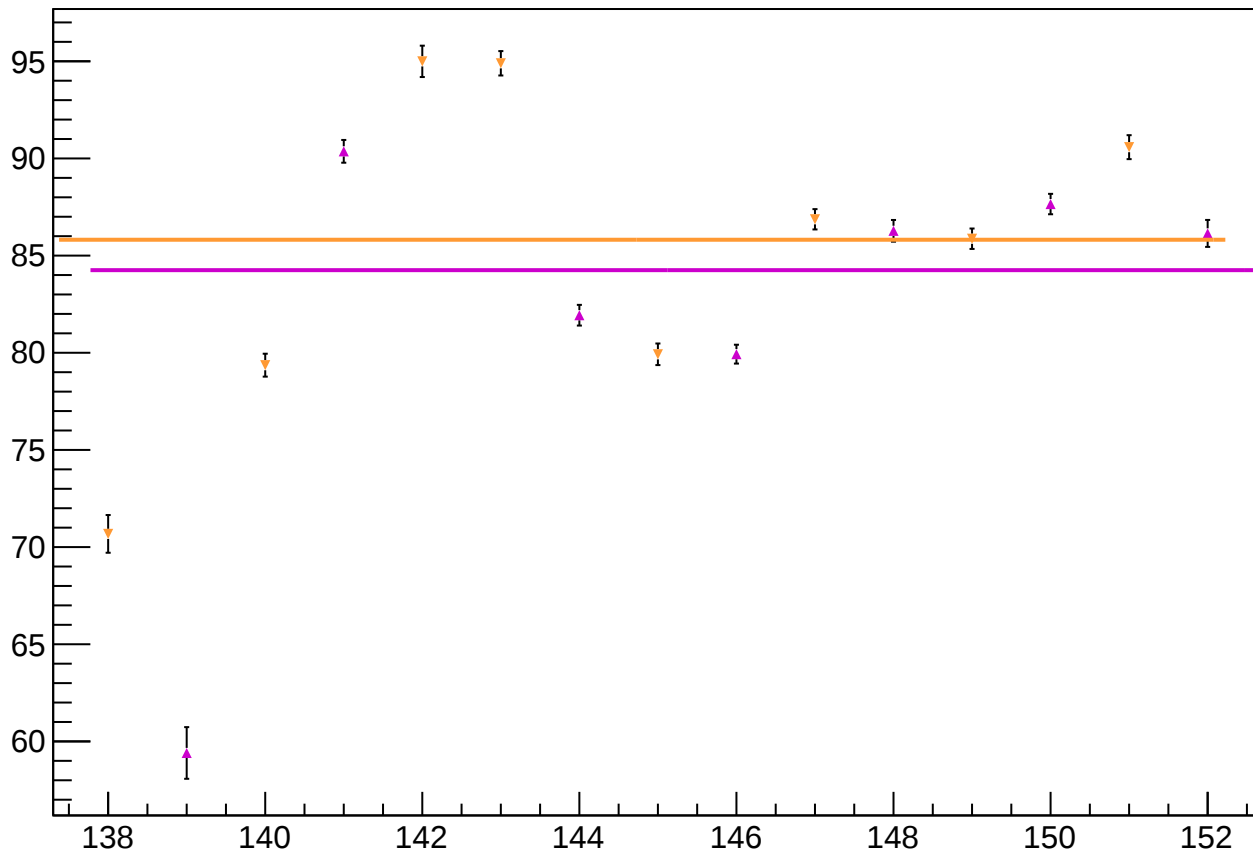
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.999+/-0.263 χ^2/NDF :663.8/6

Out: -41.863+/-0.262 χ^2/NDF :1399.6/7

All: -43.430+/-0.186 χ^2/NDF : 2134.7/14

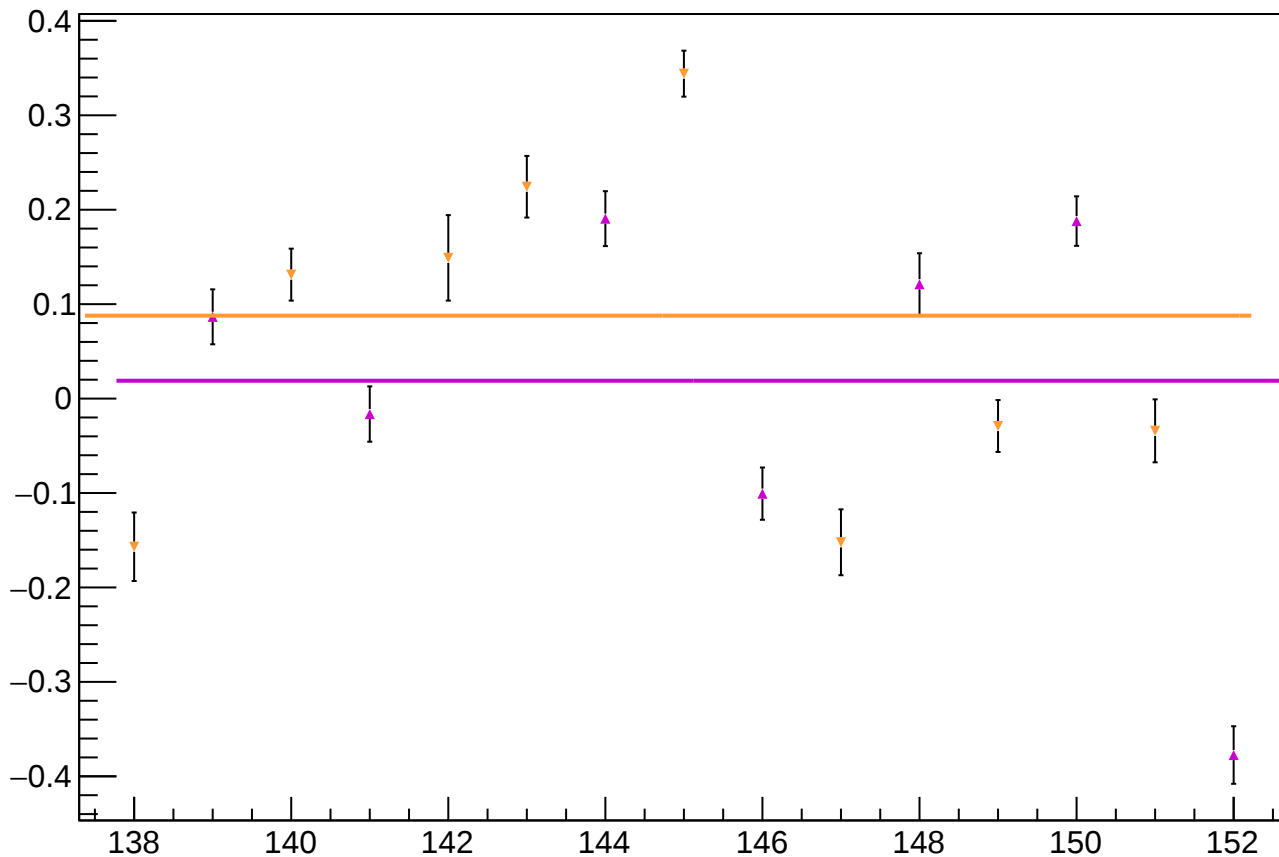
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.816+/-0.217 χ^2/NDF : 878.1/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.251+/-0.223 χ^2/NDF : 619.1/6

Left: 85.053+/-0.156 χ^2/NDF : 1522.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.251+/-0.223 χ^2/NDF : 619.1/6
 Out: 85.816+/-0.217 χ^2/NDF : 878.1/7
 All: 85.053+/-0.156 χ^2/NDF : 1522.6/14

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: 0.088+/-0.011 χ^2/NDF :257.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.019+/-0.011 χ^2/NDF :280.8/6

Left: 0.053+/-0.008 χ^2/NDF : 557.4/14

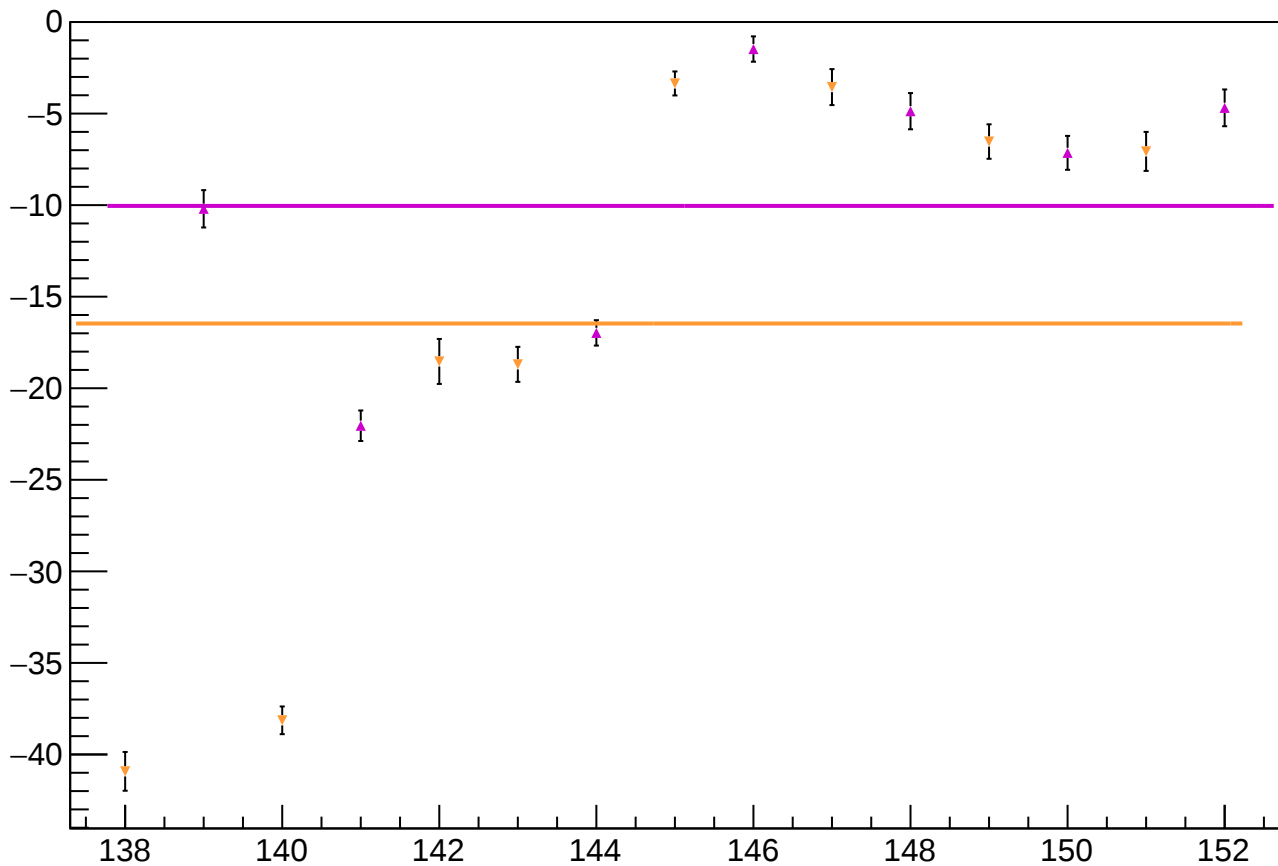
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.019+/-0.011 χ^2/NDF :280.8/6

Out: 0.088+/-0.011 χ^2/NDF :257.0/7

All: 0.053+/-0.008 χ^2/NDF : 557.4/14

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -16.465 ± 0.320 χ^2/NDF : 2124.8/7

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -10.042 ± 0.320 χ^2/NDF : 526.2/6

Left: -13.259 ± 0.226 χ^2/NDF : 2852.4/14

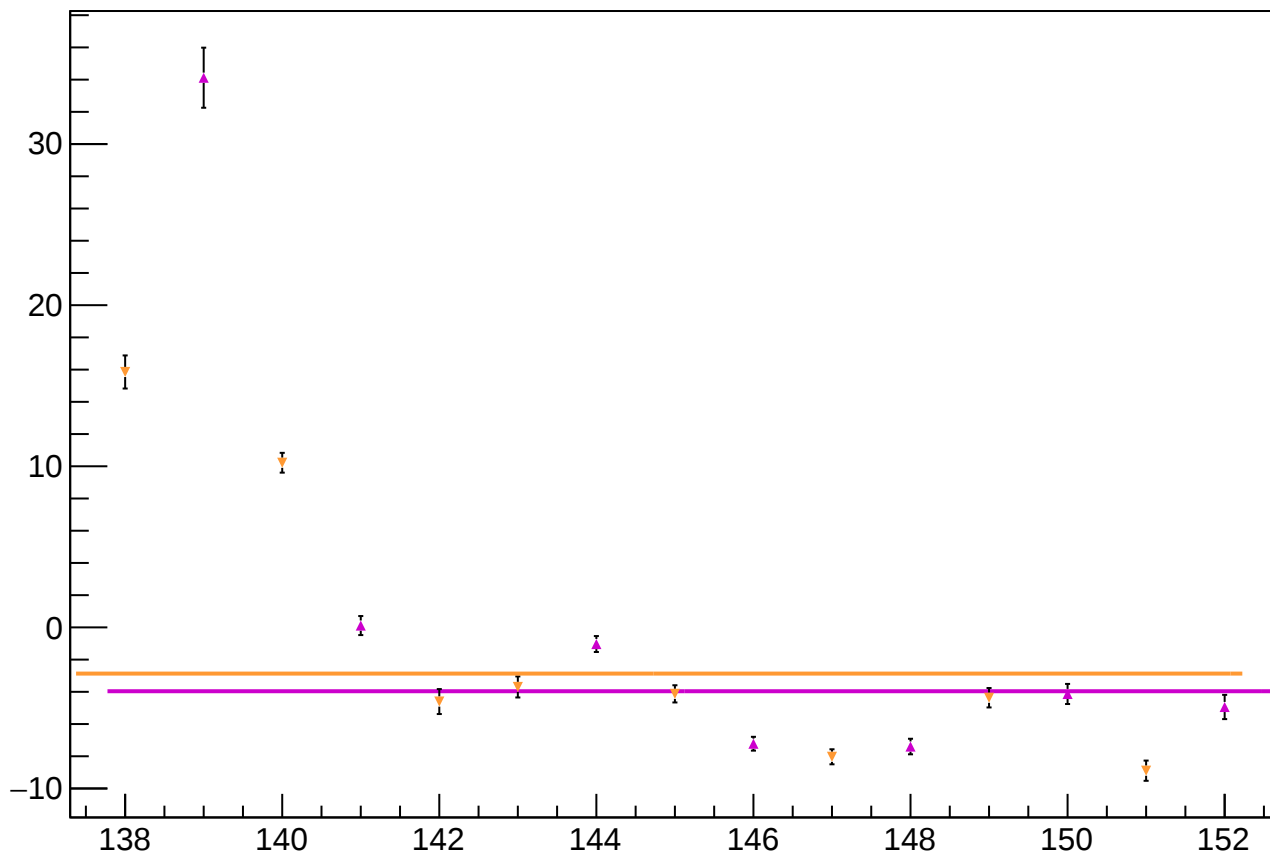
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -10.042 ± 0.320 χ^2/NDF : 526.2/6

Out: -16.465 ± 0.320 χ^2/NDF : 2124.8/7

All: -13.259 ± 0.226 χ^2/NDF : 2852.4/14

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.868+/-0.218 χ^2/NDF :1019.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.963+/-0.217 χ^2/NDF :609.7/6

Left: -3.420+/-0.154 χ^2/NDF : 1641.4/14

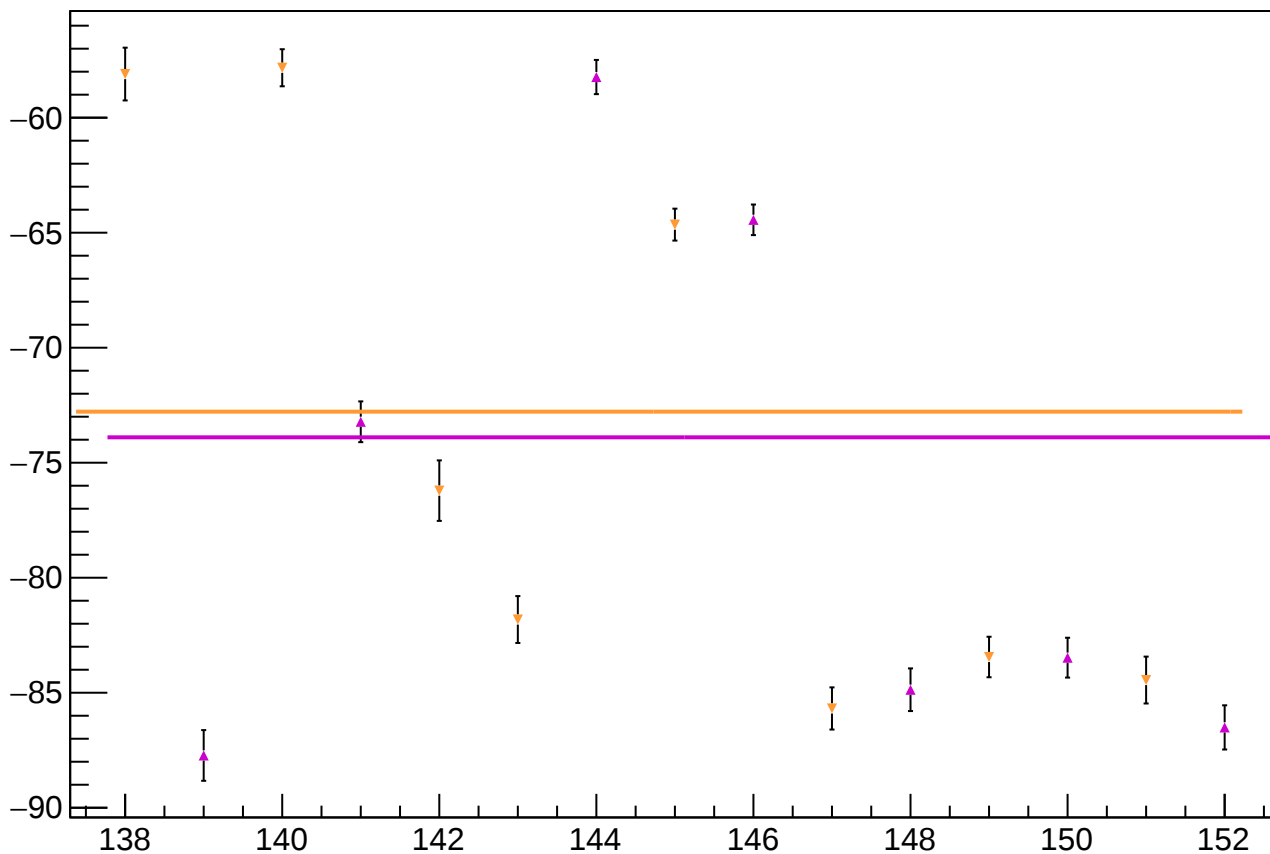
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.963+/-0.217 χ^2/NDF :609.7/6

Out: -2.868+/-0.218 χ^2/NDF :1019.0/7

All: -3.420+/-0.154 χ^2/NDF : 1641.4/14

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.780+/-0.327 χ^2/NDF :1206.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Left: -73.349+/-0.229 χ^2/NDF : 2451.3/14

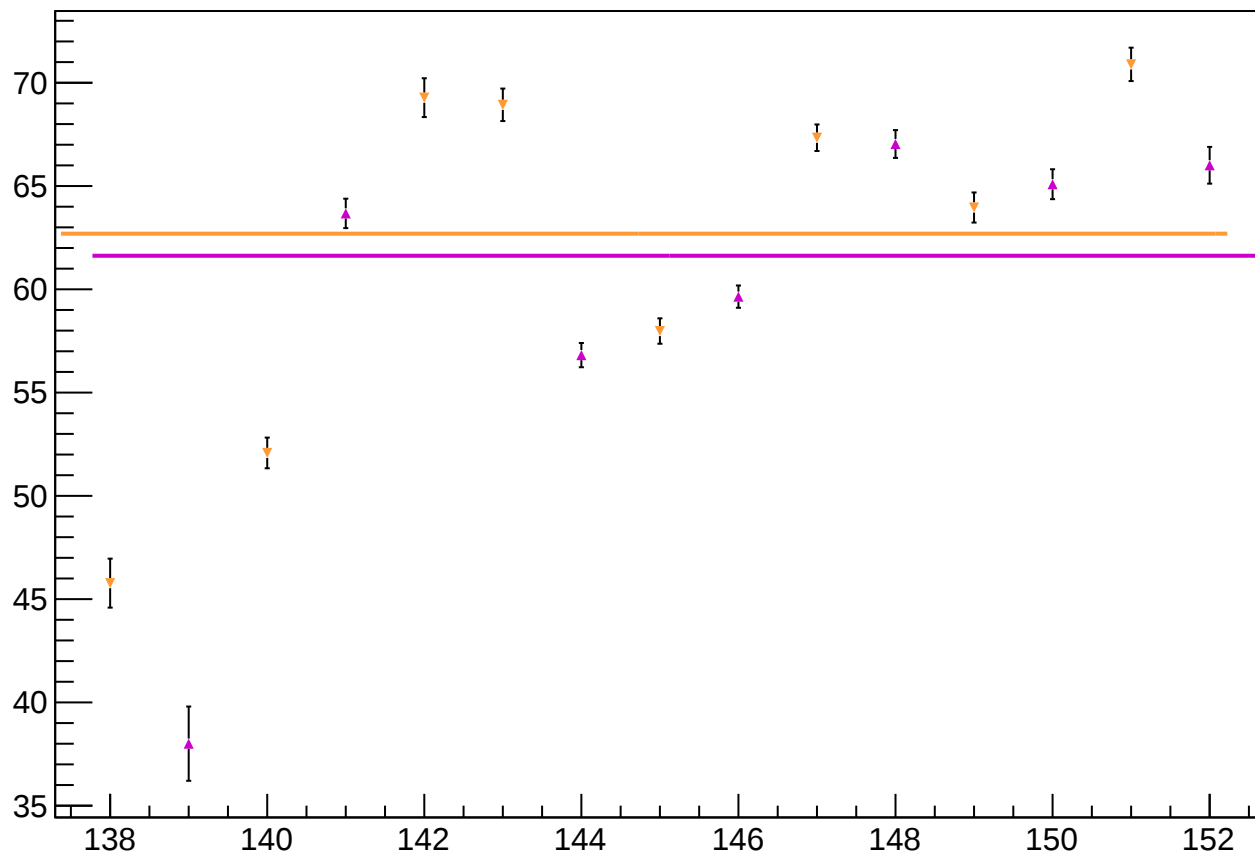
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Out: -72.780+/-0.327 χ^2/NDF :1206.5/7

All: -73.349+/-0.229 χ^2/NDF : 2451.3/14

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



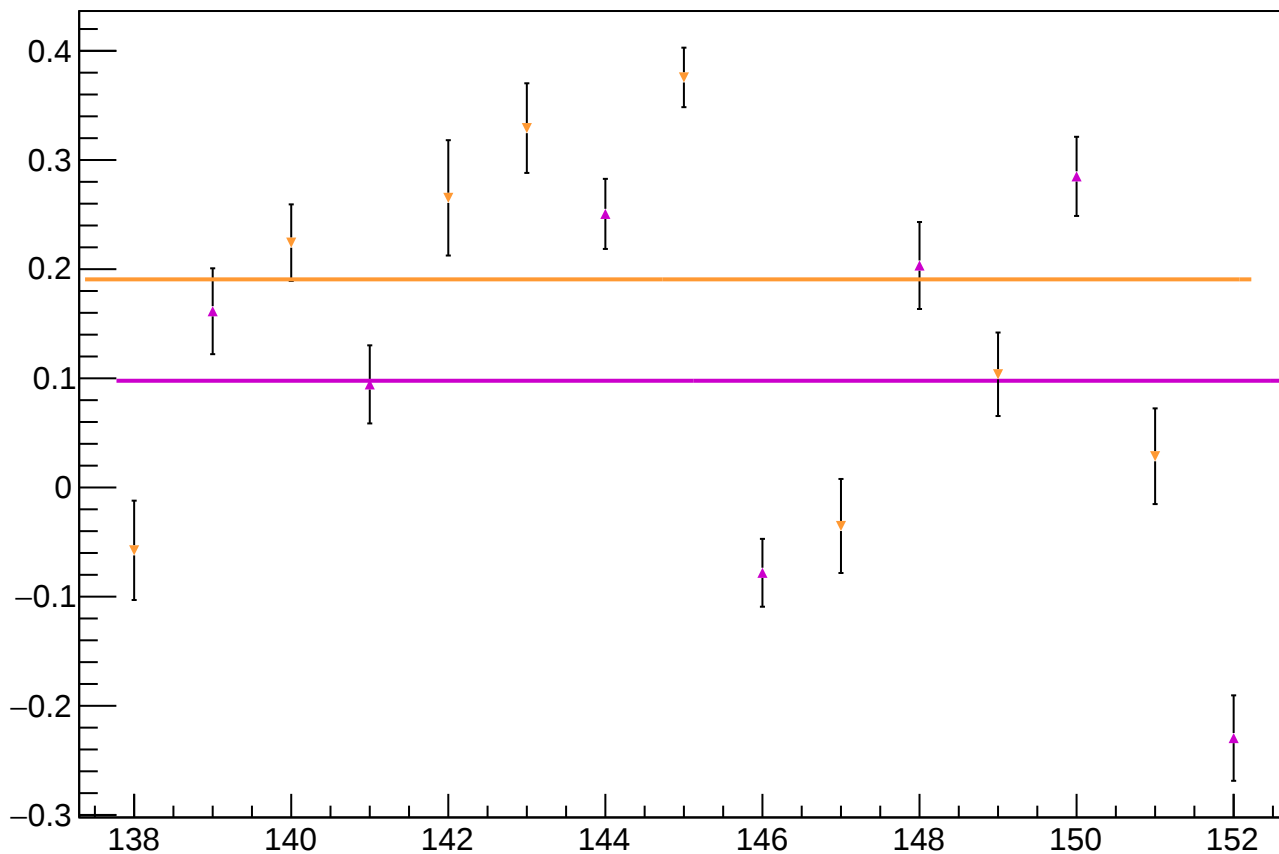
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.694+/-0.270 χ^2/NDF :736.7/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.625+/-0.267 χ^2/NDF :373.3/6

Left: 62.155+/-0.190 χ^2/NDF : 1117.9/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.625+/-0.267 χ^2/NDF :373.3/6
 Out: 62.694+/-0.270 χ^2/NDF :736.7/7

All: 62.155+/-0.190 χ^2/NDF : 1117.9/14

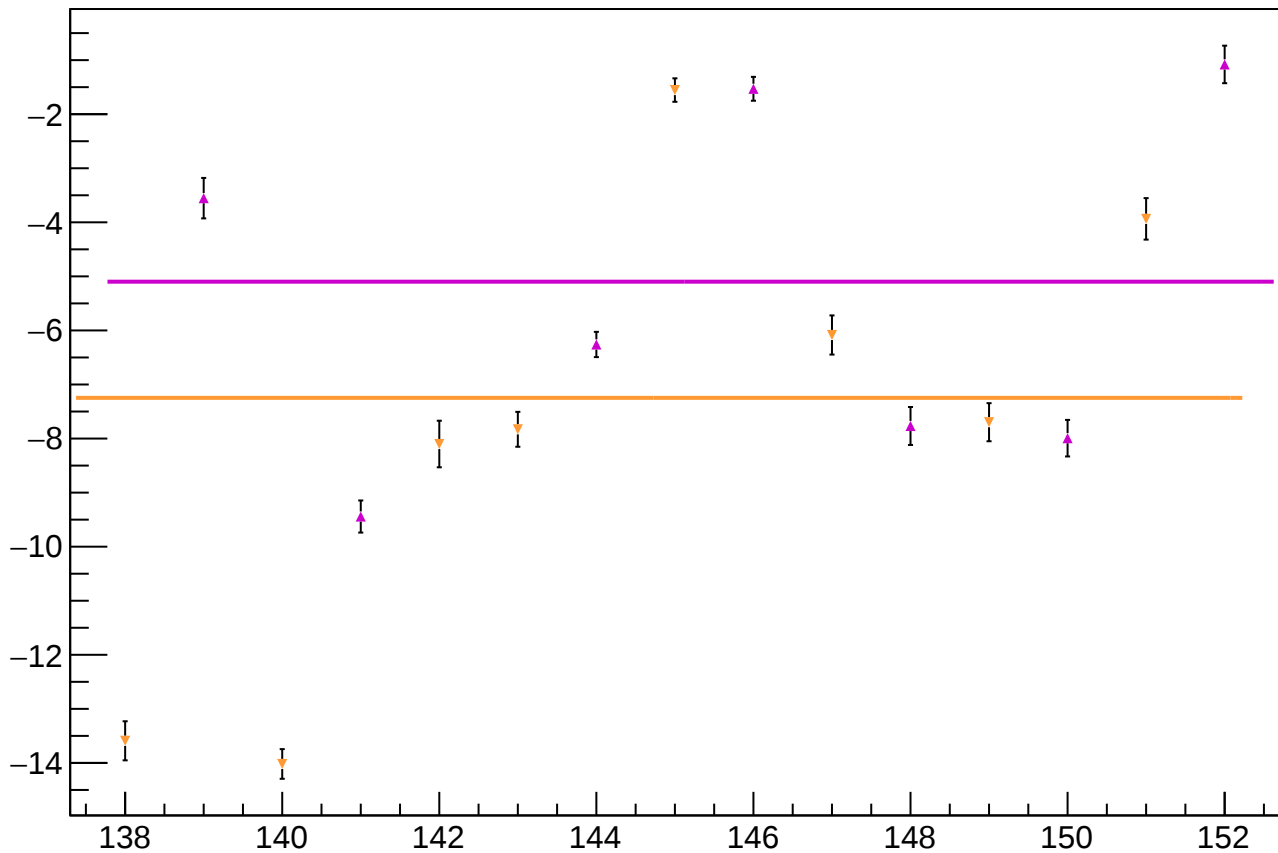
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.191+/-0.014 χ^2/NDF :136.5/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.098+/-0.014 χ^2/NDF :161.0/6

Left: 0.144+/-0.010 χ^2/NDF : 320.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.098+/-0.014 χ^2/NDF :161.0/6
 Out: 0.191+/-0.014 χ^2/NDF :136.5/7
 All: 0.144+/-0.010 χ^2/NDF : 320.8/14

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: -7.247+/-0.112 χ^2/NDF :1697.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.098+/-0.110 χ^2/NDF :781.9/6

Left: -6.154+/-0.079 χ^2/NDF : 2666.8/14

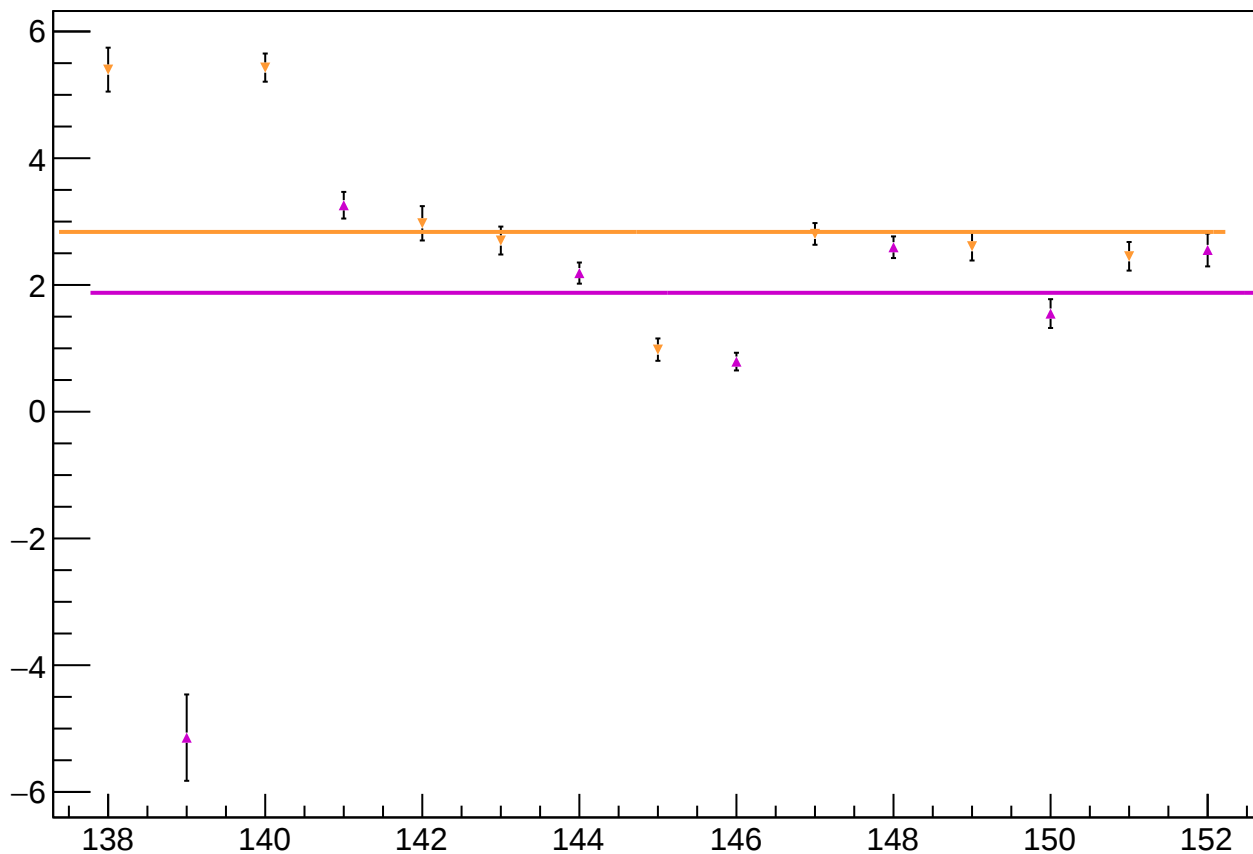
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.098+/-0.110 χ^2/NDF :781.9/6

Out: -7.247+/-0.112 χ^2/NDF :1697.9/7

All: -6.154+/-0.079 χ^2/NDF : 2666.8/14

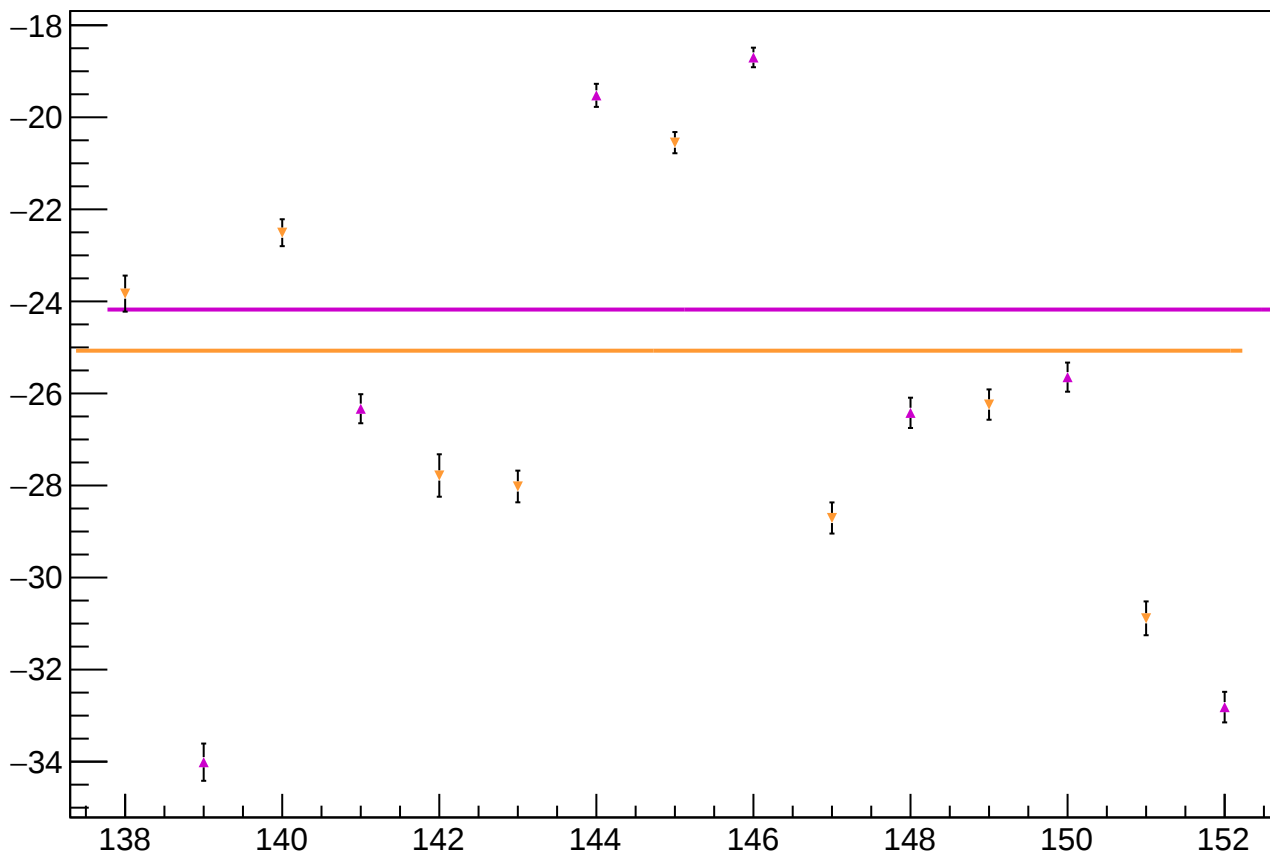
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.837+/-0.077 χ^2/NDF :306.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.876+/-0.074 χ^2/NDF :240.0/6

Left: 2.340+/-0.054 χ^2/NDF : 626.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.876+/-0.074 χ^2/NDF :240.0/6
 Out: 2.837+/-0.077 χ^2/NDF :306.2/7
 All: 2.340+/-0.054 χ^2/NDF : 626.6/14

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.071+/-0.115 χ^2/NDF :958.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Left: -24.604+/-0.080 χ^2/NDF : 3381.4/14

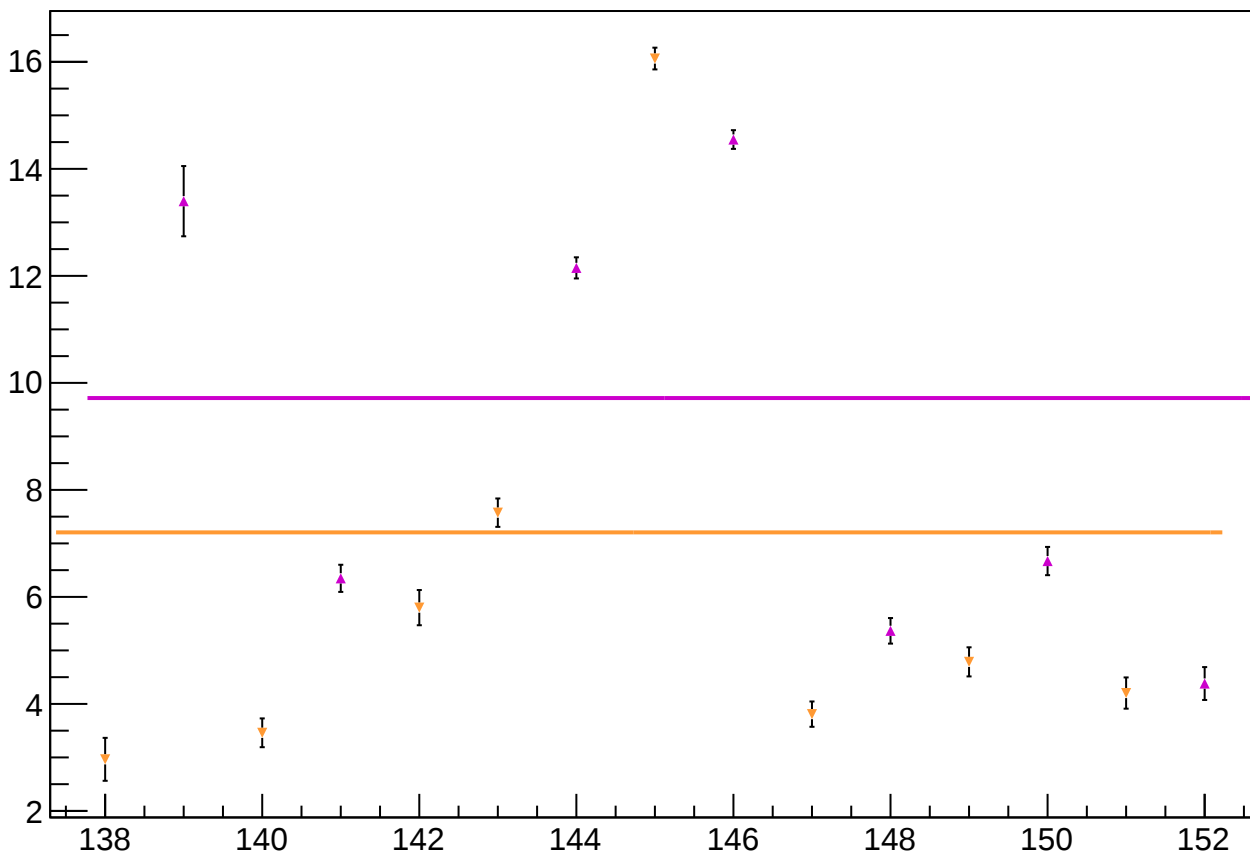
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Out: -25.071+/-0.115 χ^2/NDF :958.3/7

All: -24.604+/-0.080 χ^2/NDF : 3381.4/14

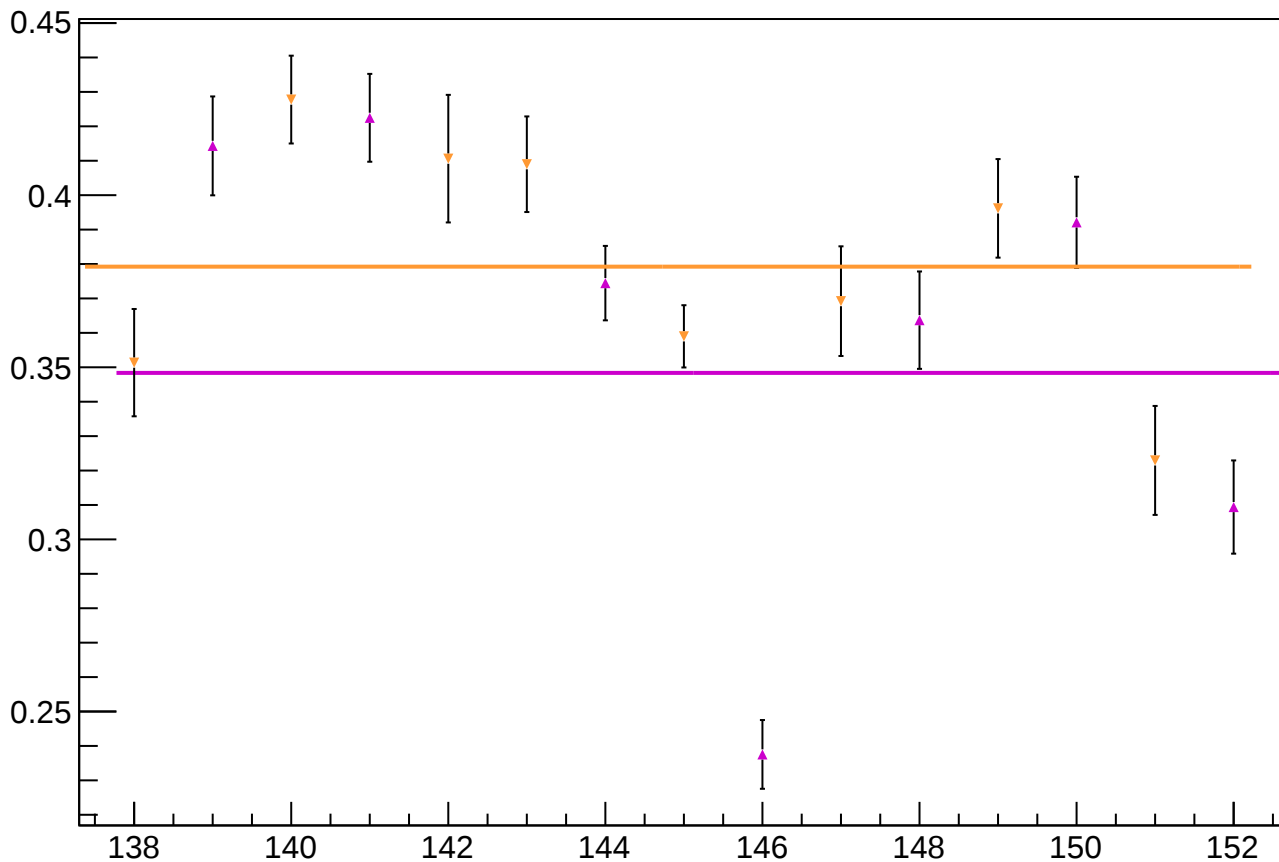
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.206+/-0.095 χ^2/NDF :2616.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.717+/-0.092 χ^2/NDF :1888.7/6

Left: 8.504+/-0.066 χ^2/NDF : 4865.7/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.717+/-0.092 χ^2/NDF :1888.7/6
 Out: 7.206+/-0.095 χ^2/NDF :2616.0/7
 All: 8.504+/-0.066 χ^2/NDF : 4865.7/14

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: 0.379+/-0.005 χ^2/NDF :44.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.348+/-0.005 χ^2/NDF :204.1/6

Left: 0.363+/-0.003 χ^2/NDF : 269.9/14

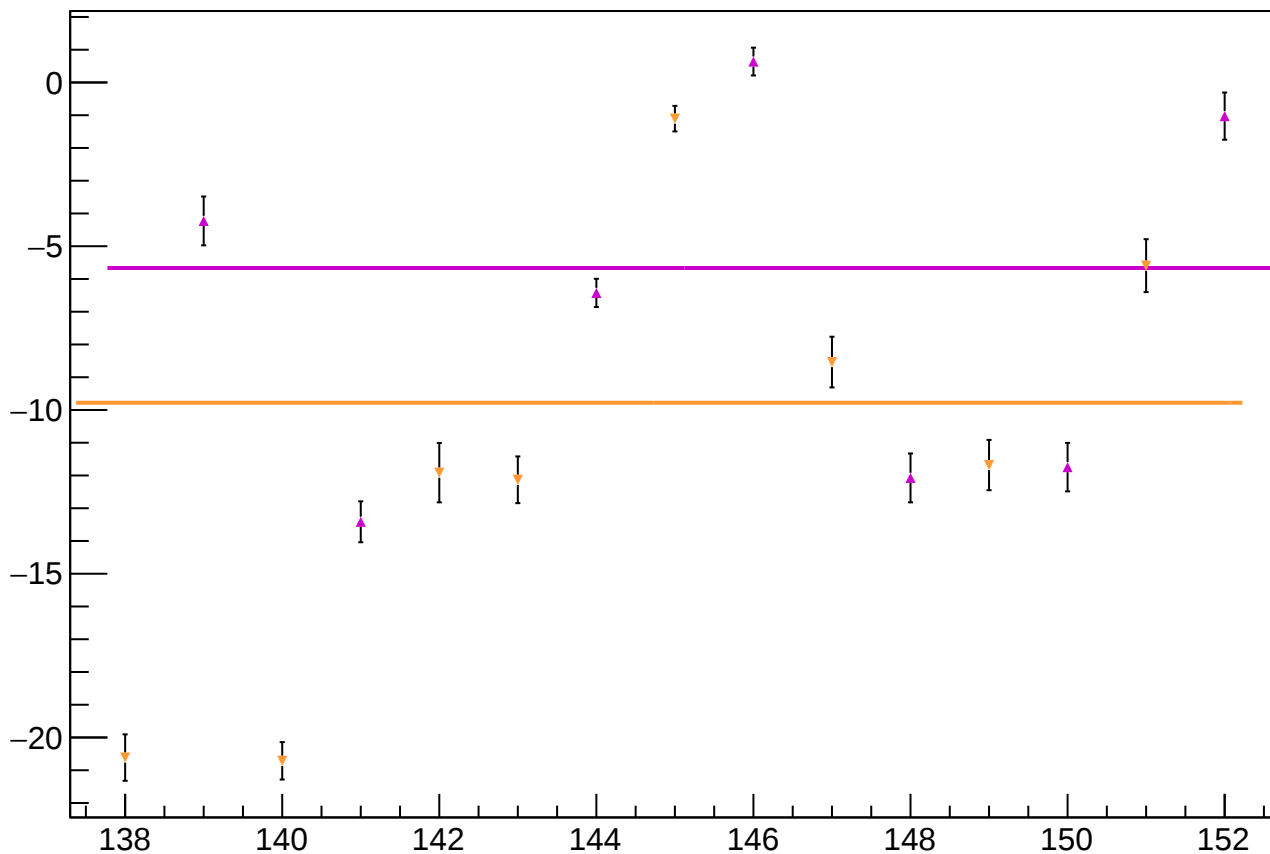
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.348+/-0.005 χ^2/NDF :204.1/6

Out: 0.379+/-0.005 χ^2/NDF :44.6/7

All: 0.363+/-0.003 χ^2/NDF : 269.9/14

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: -9.779+/-0.225 χ^2/NDF :1146.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.665+/-0.219 χ^2/NDF :564.0/6

Left: -7.665+/-0.157 χ^2/NDF : 1881.8/14

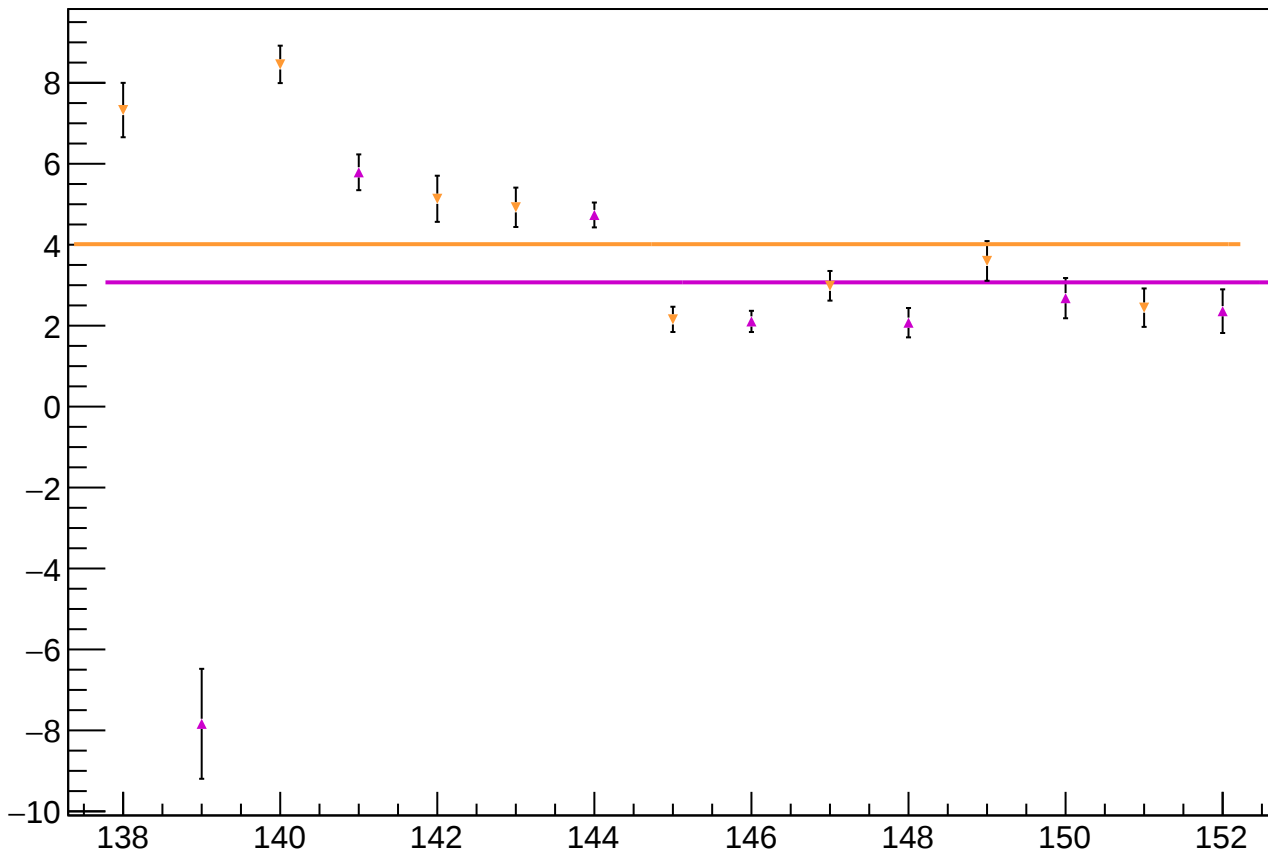
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.665+/-0.219 χ^2/NDF :564.0/6

Out: -9.779+/-0.225 χ^2/NDF :1146.4/7

All: -7.665+/-0.157 χ^2/NDF : 1881.8/14

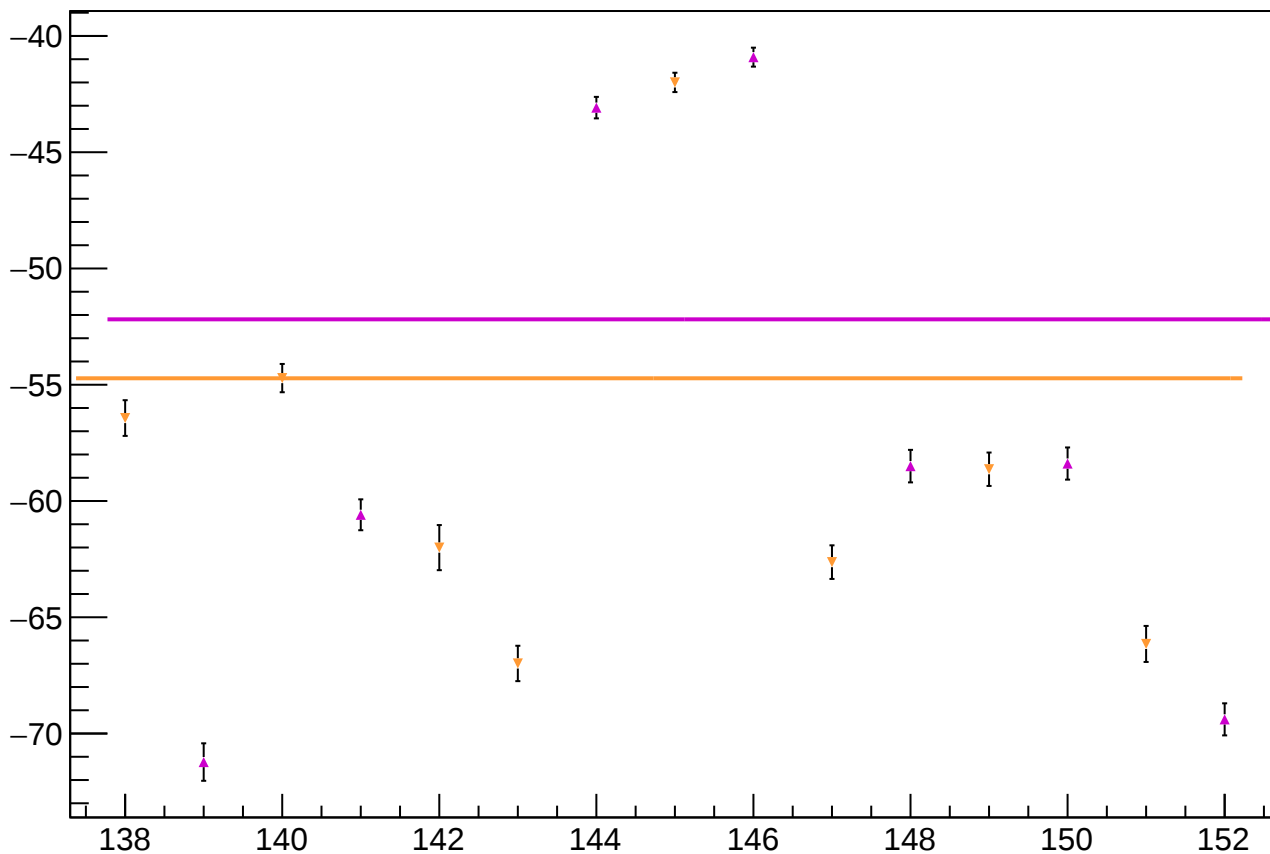
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.013+/-0.157 χ^2/NDF :179.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.070+/-0.148 χ^2/NDF :155.2/6

Left: 3.512+/-0.108 χ^2/NDF : 353.3/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.070+/-0.148 χ^2/NDF :155.2/6
 Out: 4.013+/-0.157 χ^2/NDF :179.0/7
 All: 3.512+/-0.108 χ^2/NDF : 353.3/14

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: -54.723+/-0.233 χ^2/NDF :1624.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.187+/-0.220 χ^2/NDF :2654.3/6

Left: -53.383+/-0.160 χ^2/NDF : 4341.4/14

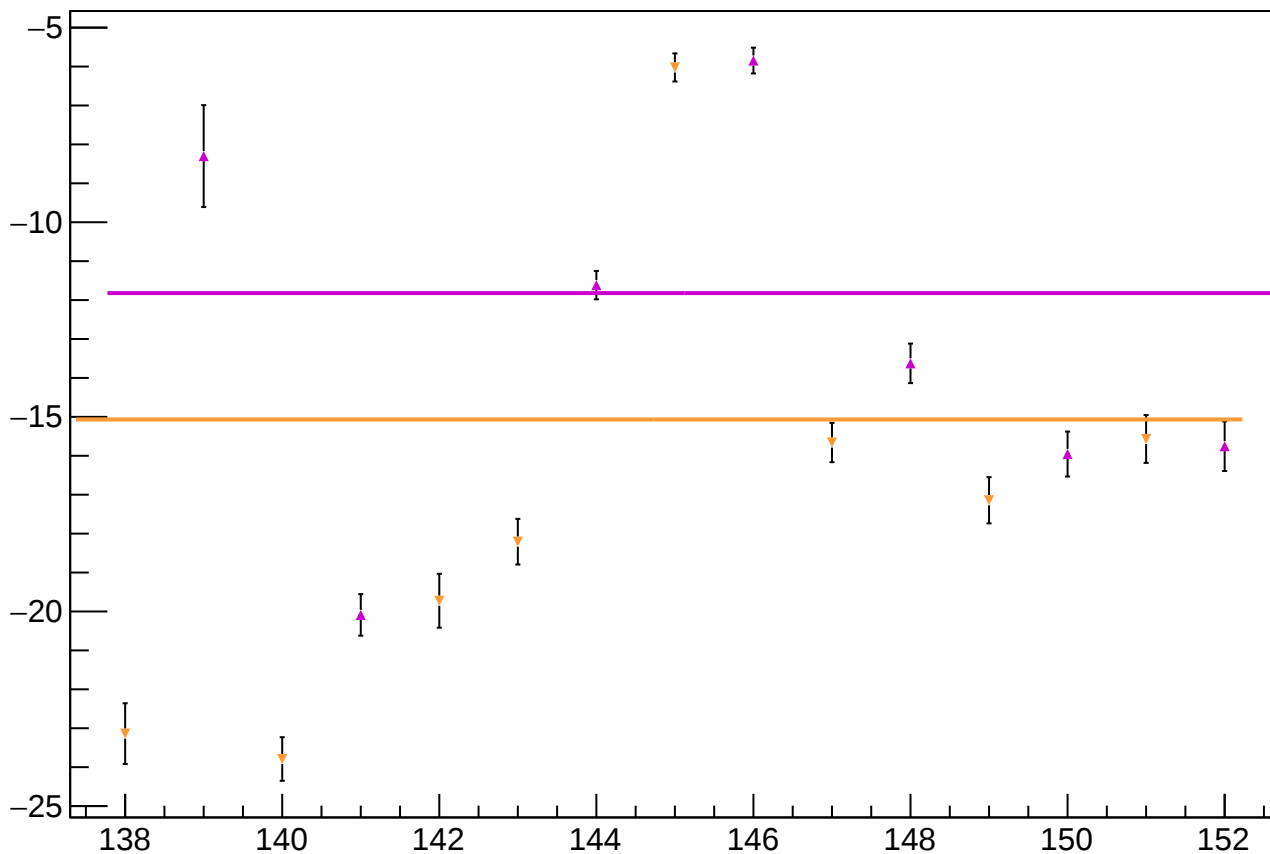
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.187+/-0.220 χ^2/NDF :2654.3/6

Out: -54.723+/-0.233 χ^2/NDF :1624.2/7

All: -53.383+/-0.160 χ^2/NDF : 4341.4/14

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -15.067 ± 0.193 χ^2/NDF : 1066.1/7

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -11.820 ± 0.182 χ^2/NDF : 674.7/6

Left: -13.354 ± 0.132 χ^2/NDF : 1890.5/14

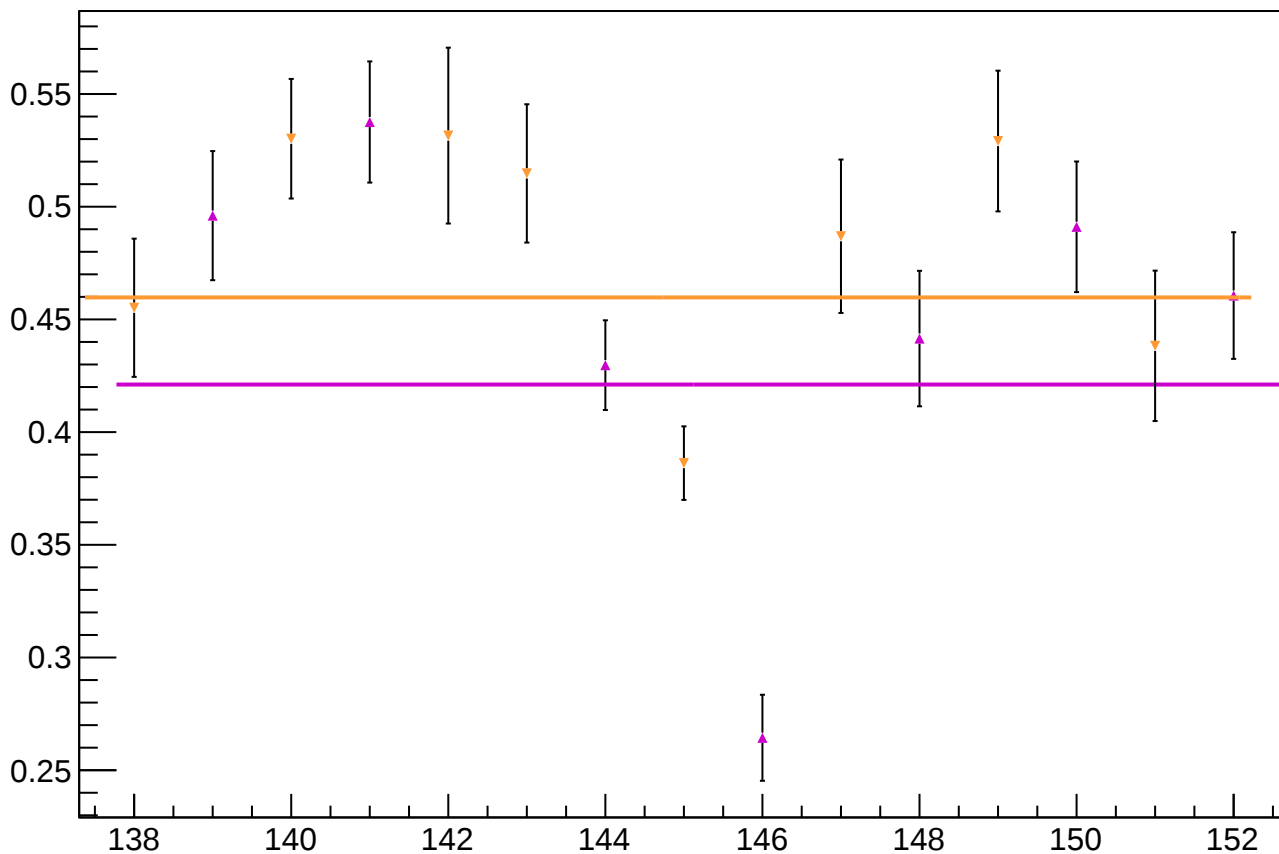
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.820 ± 0.182 χ^2/NDF : 674.7/6

Out: -15.067 ± 0.193 χ^2/NDF : 1066.1/7

All: -13.354 ± 0.132 χ^2/NDF : 1890.5/14

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.460+/-0.010 χ^2/NDF : 40.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.421+/-0.009 χ^2/NDF : 101.5/6

Left: 0.440+/-0.007 χ^2/NDF : 149.7/14

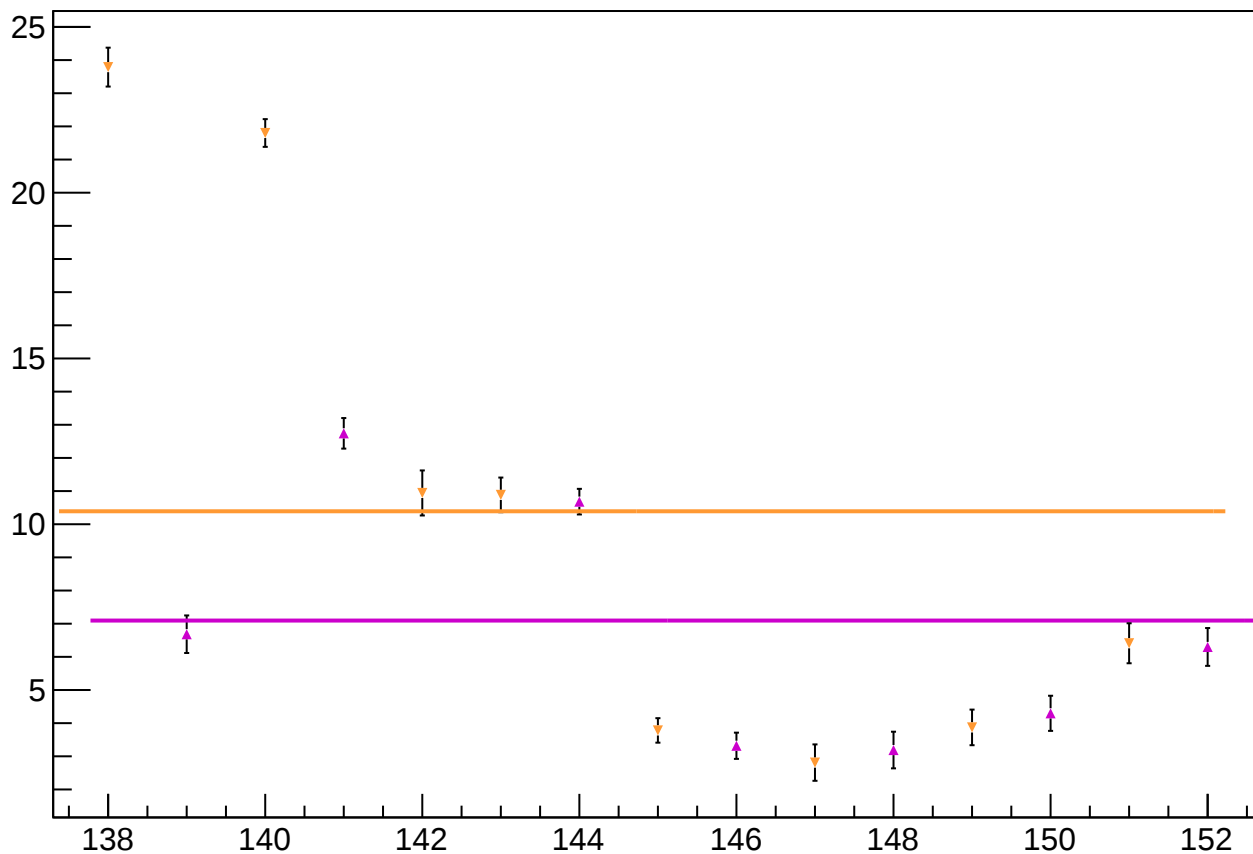
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.421+/-0.009 χ^2/NDF : 101.5/6

Out: 0.460+/-0.010 χ^2/NDF : 40.0/7

All: 0.440+/-0.007 χ^2/NDF : 149.7/14

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.391+/-0.179 χ^2/NDF :1968.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.095+/-0.180 χ^2/NDF :407.6/6

Left: 8.756+/-0.127 χ^2/NDF : 2545.2/14

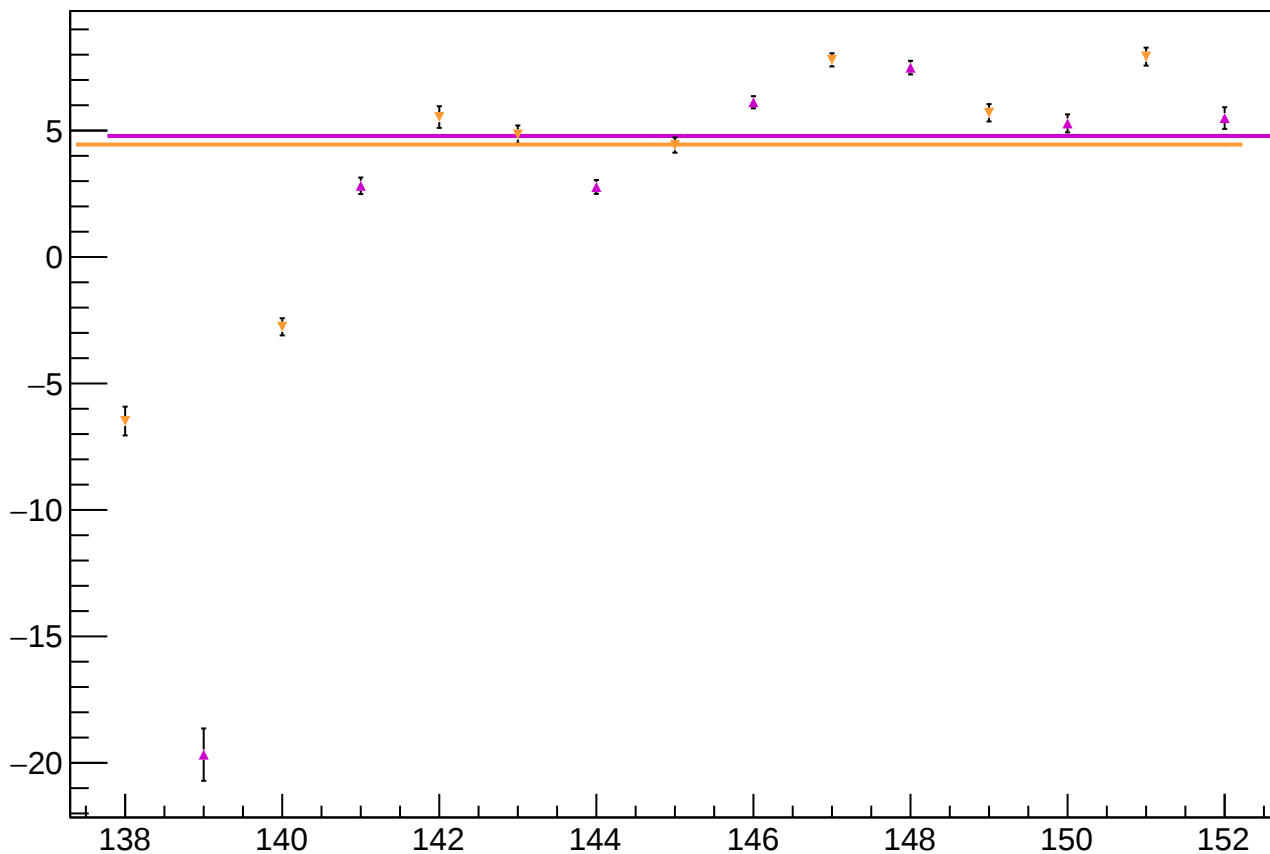
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.095+/-0.180 χ^2/NDF :407.6/6

Out: 10.391+/-0.179 χ^2/NDF :1968.8/7

All: 8.756+/-0.127 χ^2/NDF : 2545.2/14

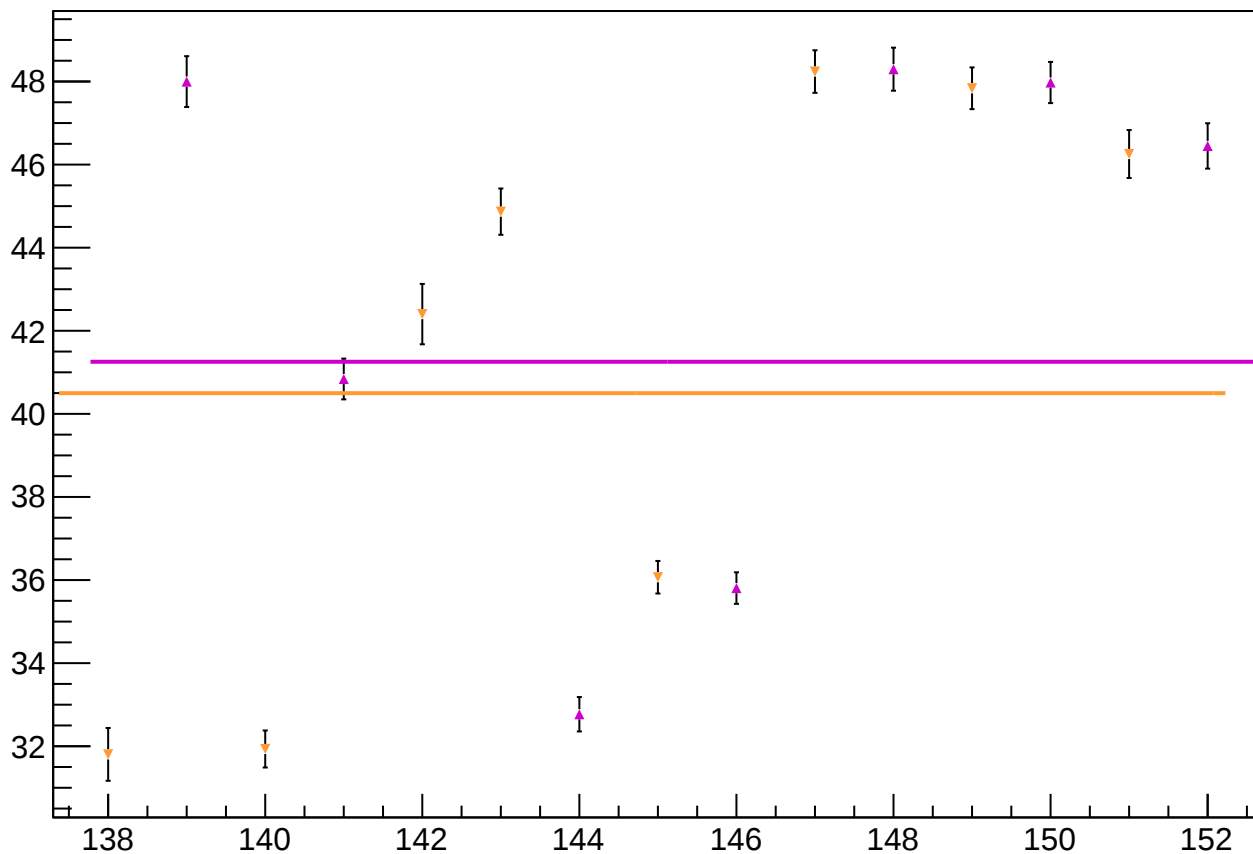
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.447+/-0.122 χ^2/NDF :1101.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.786+/-0.121 χ^2/NDF :783.7/6

Left: 4.617+/-0.086 χ^2/NDF : 1888.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.786+/-0.121 χ^2/NDF :783.7/6
 Out: 4.447+/-0.122 χ^2/NDF :1101.0/7
 All: 4.617+/-0.086 χ^2/NDF : 1888.6/14

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 40.499 $\pm$ 0.183 χ^2 /NDF:1294.1/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 41.254 $\pm$ 0.180 χ^2 /NDF:1207.8/6

Left: 40.882 $\pm$ 0.128 χ^2 /NDF: 2510.5/14

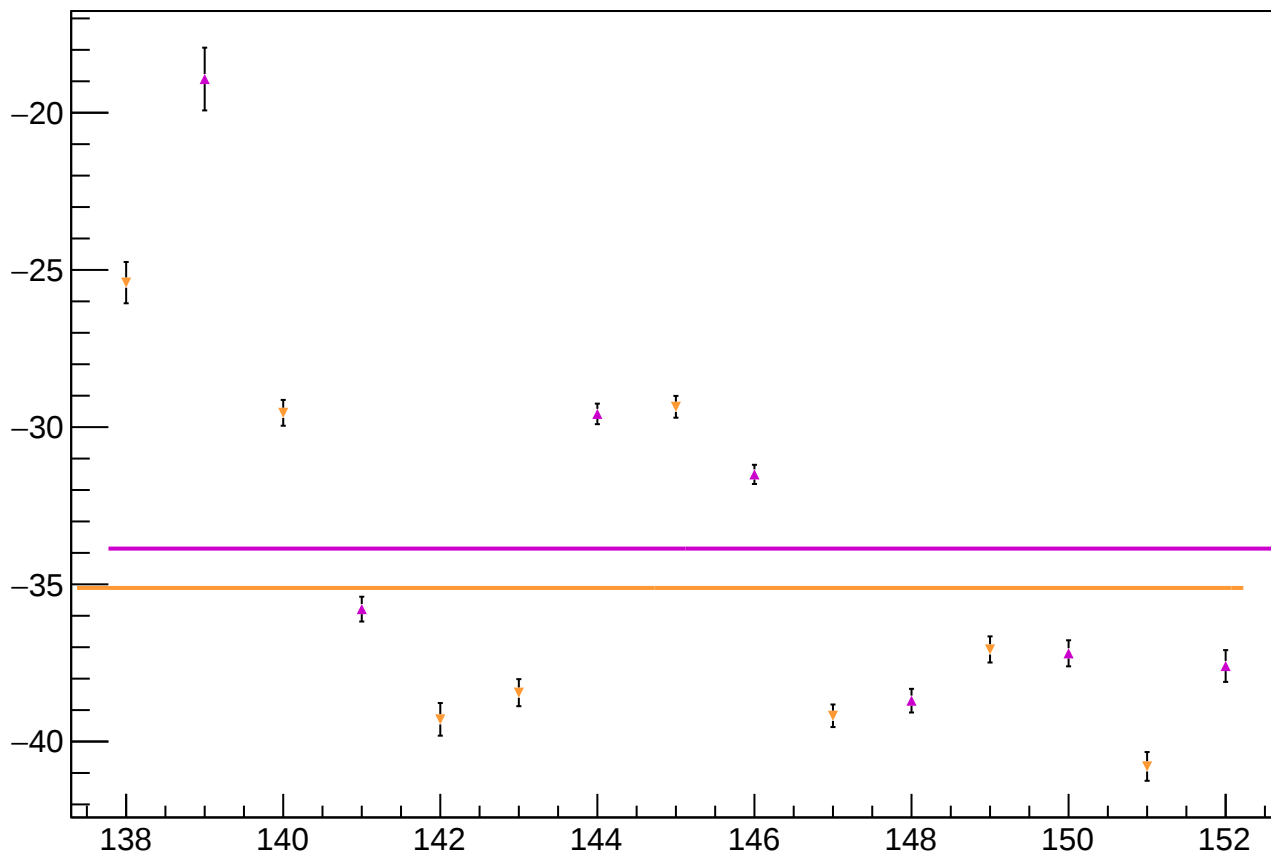
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 41.254 $\pm$ 0.180 χ^2 /NDF:1207.8/6

Out: 40.499 $\pm$ 0.183 χ^2 /NDF:1294.1/7

All: 40.882 $\pm$ 0.128 χ^2 /NDF: 2510.5/14

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.114+/-0.151 χ^2/NDF :1108.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.863+/-0.150 χ^2/NDF :764.4/6

Left: -34.486+/-0.106 χ^2/NDF : 1907.0/14

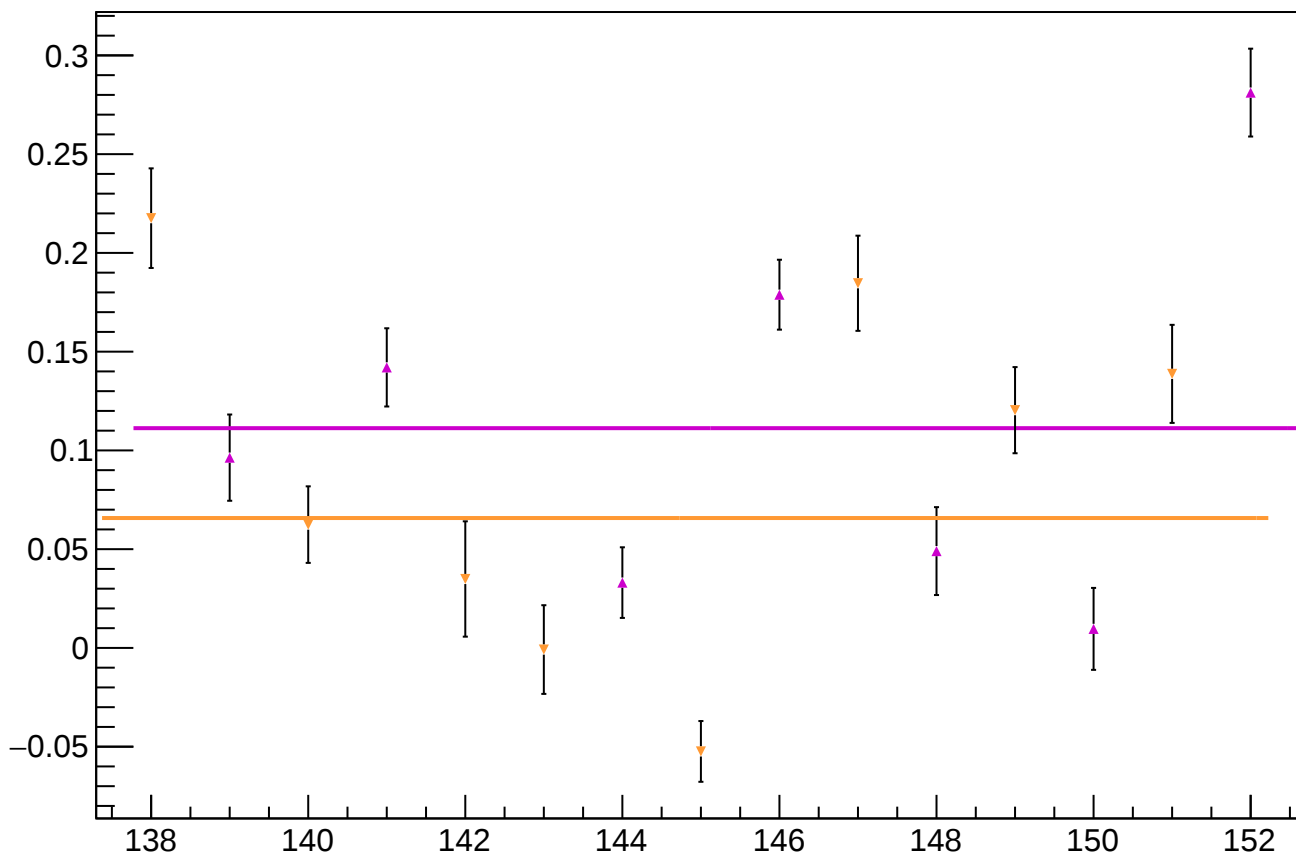
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.863+/-0.150 χ^2/NDF :764.4/6

Out: -35.114+/-0.151 χ^2/NDF :1108.1/7

All: -34.486+/-0.106 χ^2/NDF : 1907.0/14

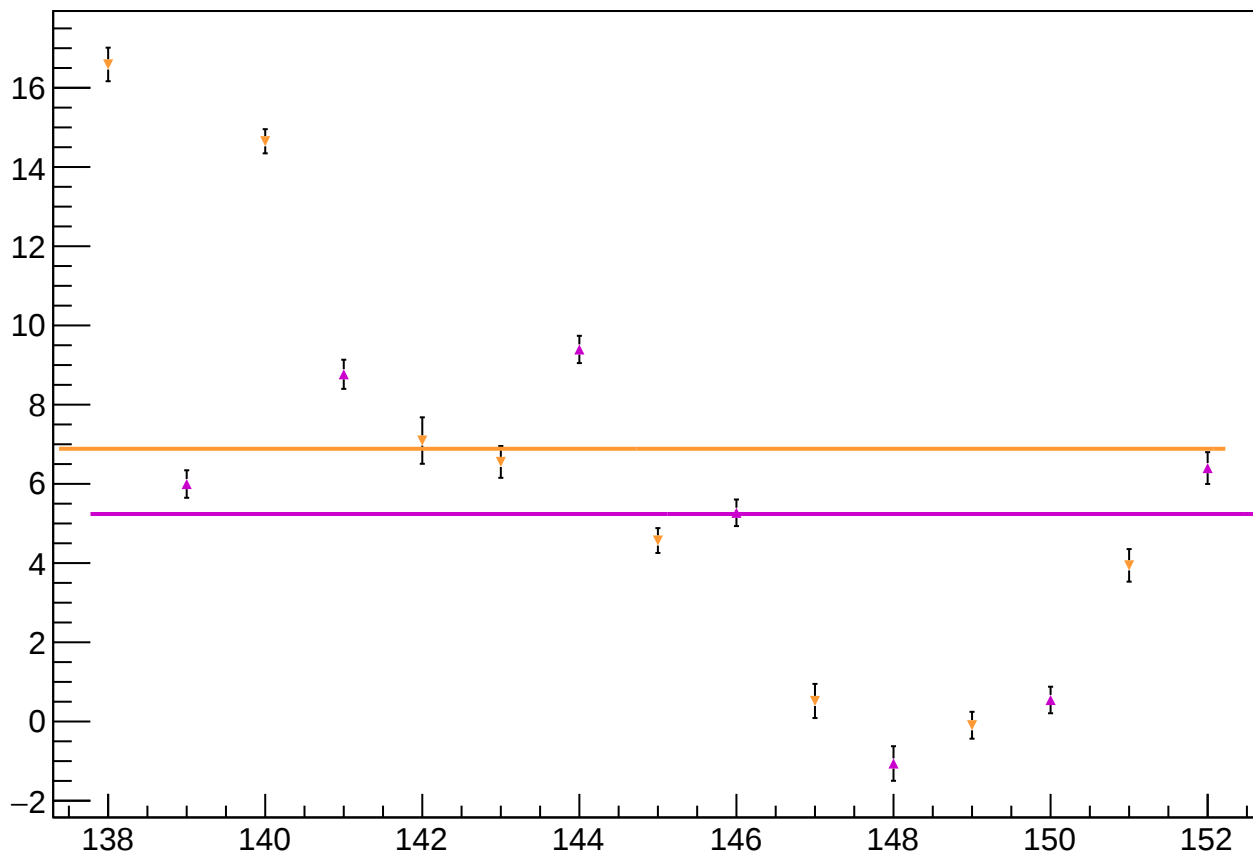
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.066 $\pm$ 0.008 χ^2 /NDF:144.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6

Left: 0.089 $\pm$ 0.005 χ^2 /NDF: 289.0/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6
 Out: 0.066 $\pm$ 0.008 χ^2 /NDF:144.5/7
 All: 0.089 $\pm$ 0.005 χ^2 /NDF: 289.0/14

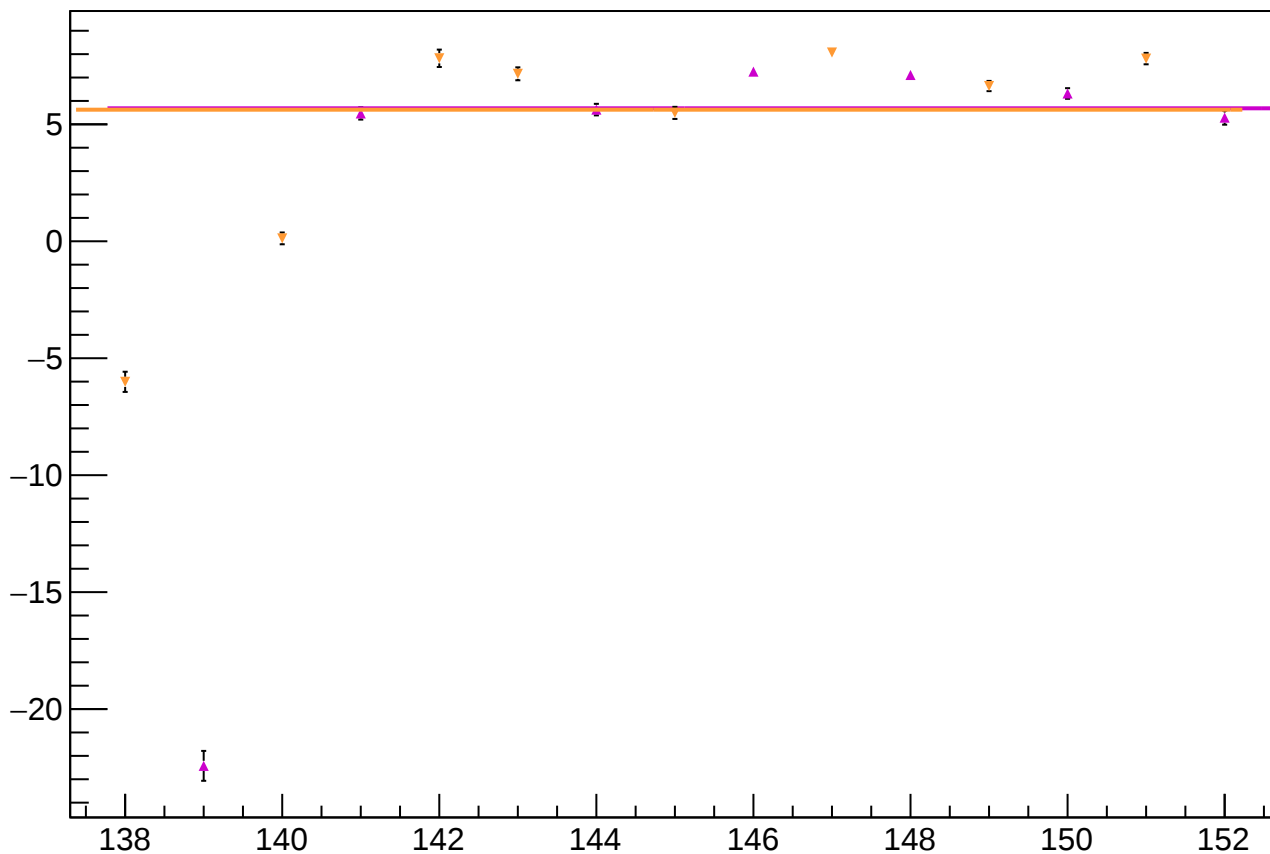
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.886 $\pm$ 0.134 χ^2 /NDF:1919.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.240 $\pm$ 0.137 χ^2 /NDF:655.2/6

Left: 6.079 $\pm$ 0.096 χ^2 /NDF: 2648.8/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.240 $\pm$ 0.137 χ^2 /NDF:655.2/6
 Out: 6.886 $\pm$ 0.134 χ^2 /NDF:1919.8/7
 All: 6.079 $\pm$ 0.096 χ^2 /NDF: 2648.8/14

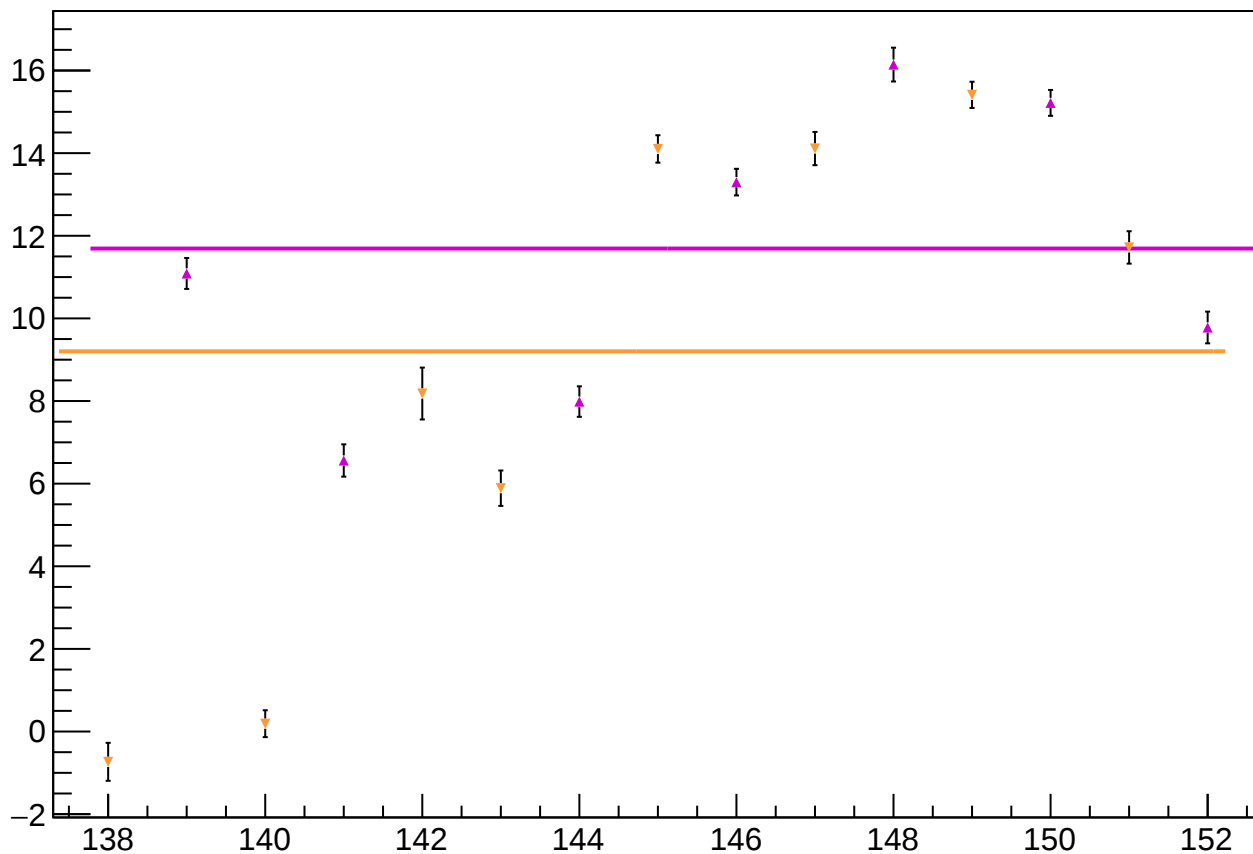
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.626 $\pm$ 0.092 χ^2 /NDF:1507.4/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6

Left: 5.654 $\pm$ 0.067 χ^2 /NDF: 3551.1/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6
 Out: 5.626 $\pm$ 0.092 χ^2 /NDF:1507.4/7
 All: 5.654 $\pm$ 0.067 χ^2 /NDF: 3551.1/14

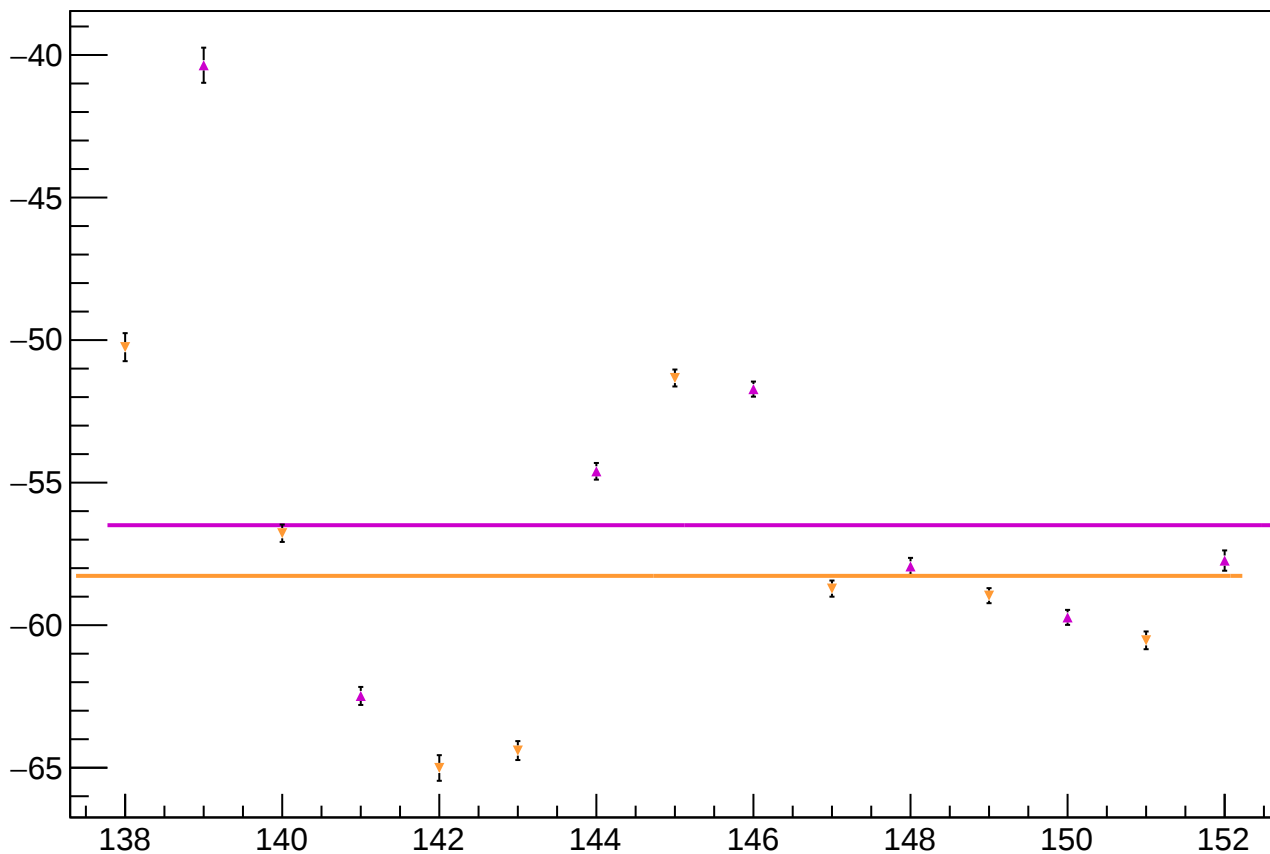
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.203 $\pm$ 0.136 χ^2 /NDF:2089.0/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6

Left: 10.443 $\pm$ 0.096 χ^2 /NDF: 2825.2/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6
 Out: 9.203 $\pm$ 0.136 χ^2 /NDF:2089.0/7
 All: 10.443 $\pm$ 0.096 χ^2 /NDF: 2825.2/14

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.270+/-0.114 χ^2/NDF :1463.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Left: -57.413+/-0.082 χ^2/NDF : 3179.0/14

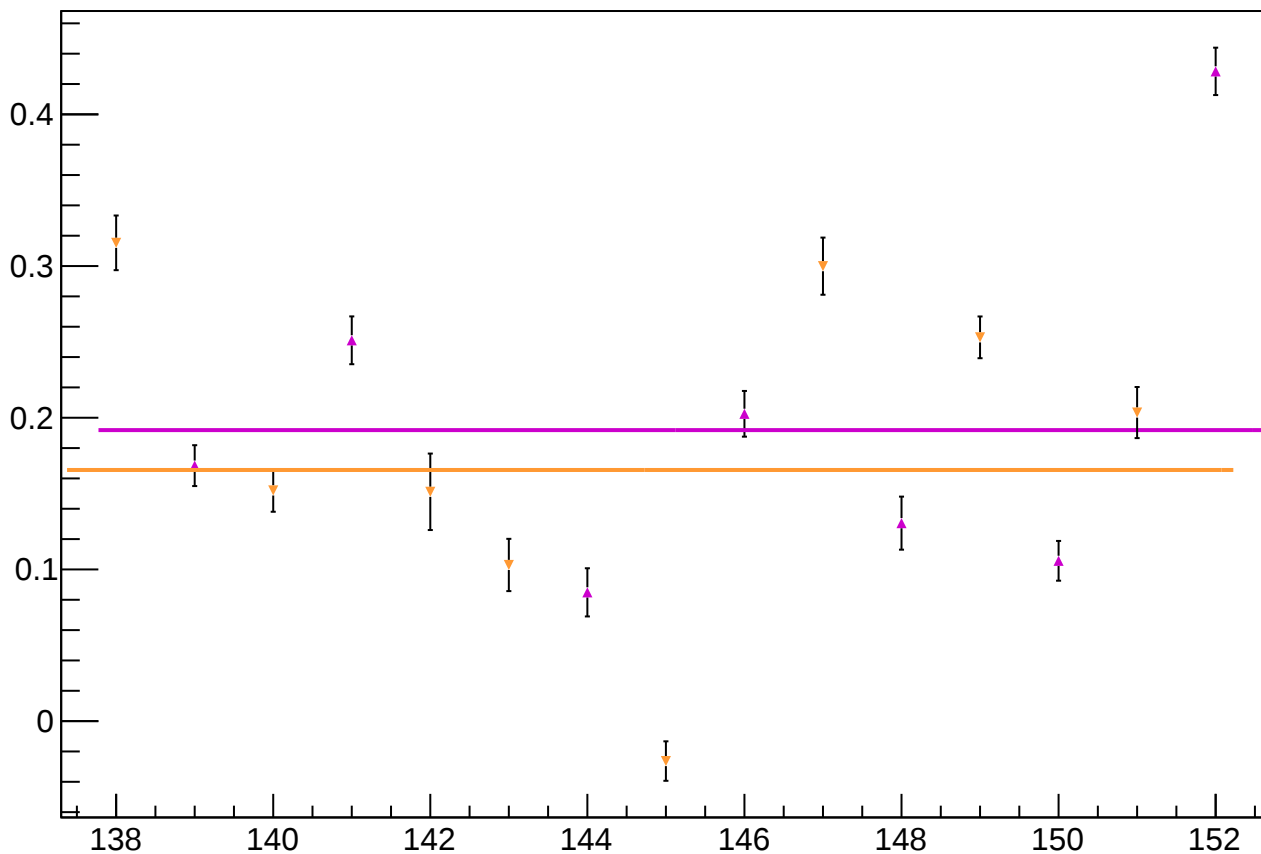
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Out: -58.270+/-0.114 χ^2/NDF :1463.5/7

All: -57.413+/-0.082 χ^2/NDF : 3179.0/14

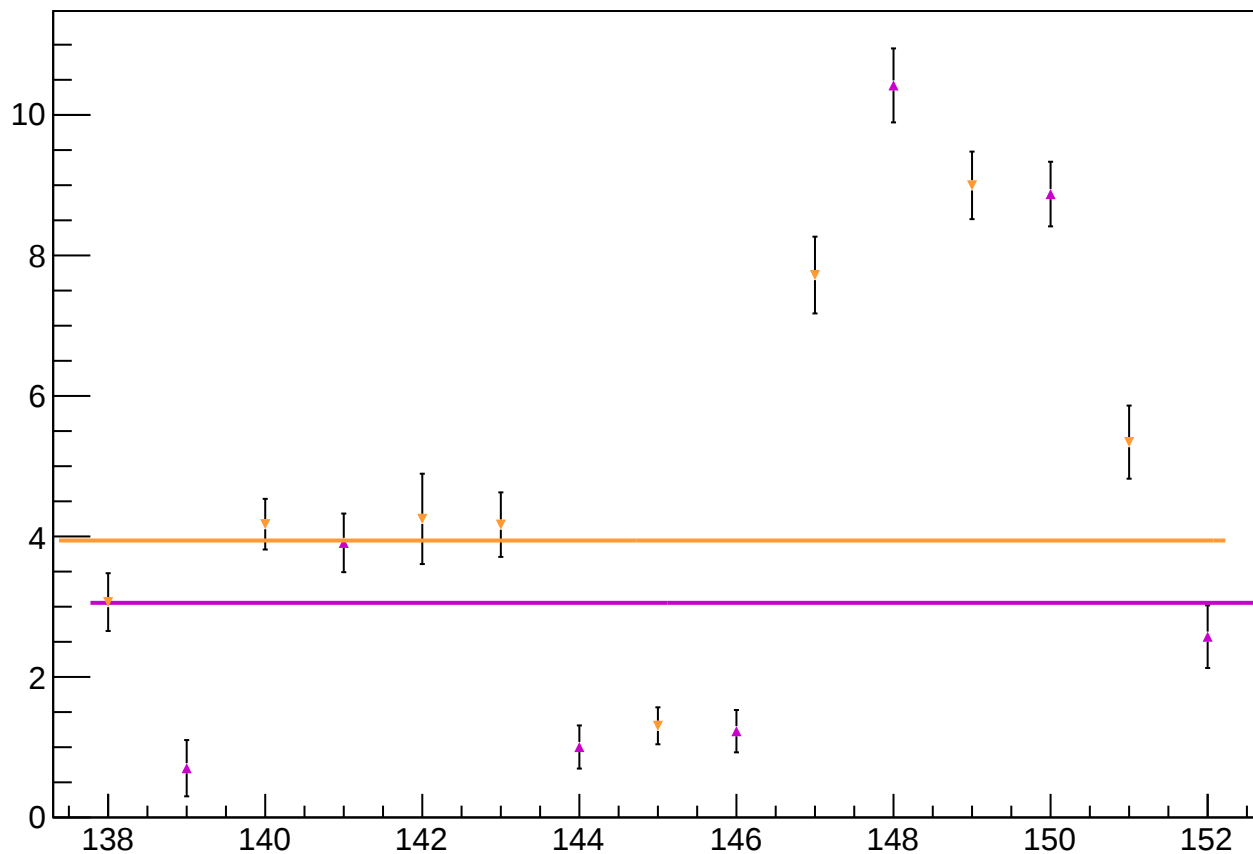
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.166 $\pm$ 0.006 χ^2 /NDF:397.3/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6

Left: 0.179 $\pm$ 0.004 χ^2 /NDF: 755.8/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6
 Out: 0.166 $\pm$ 0.006 χ^2 /NDF:397.3/7
 All: 0.179 $\pm$ 0.004 χ^2 /NDF: 755.8/14

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.942+/-0.146 χ^2/NDF :271.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.055+/-0.146 χ^2/NDF :476.9/6

Left: 3.497+/-0.103 χ^2/NDF : 767.1/14

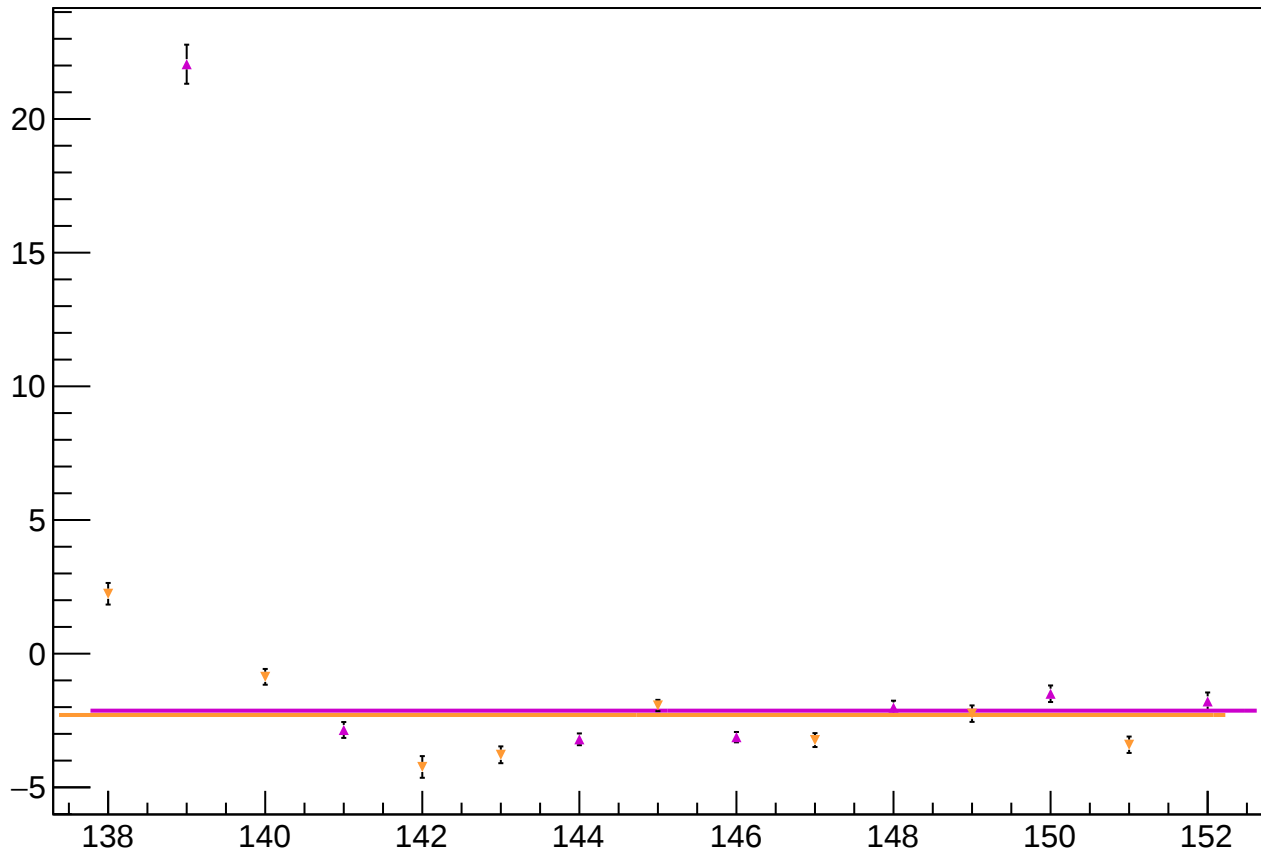
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.055+/-0.146 χ^2/NDF :476.9/6

Out: 3.942+/-0.146 χ^2/NDF :271.7/7

All: 3.497+/-0.103 χ^2/NDF : 767.1/14

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: -2.294+/-0.104 χ^2/NDF :223.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.132+/-0.103 χ^2/NDF :1155.3/6

Left: -2.211+/-0.073 χ^2/NDF : 1380.2/14

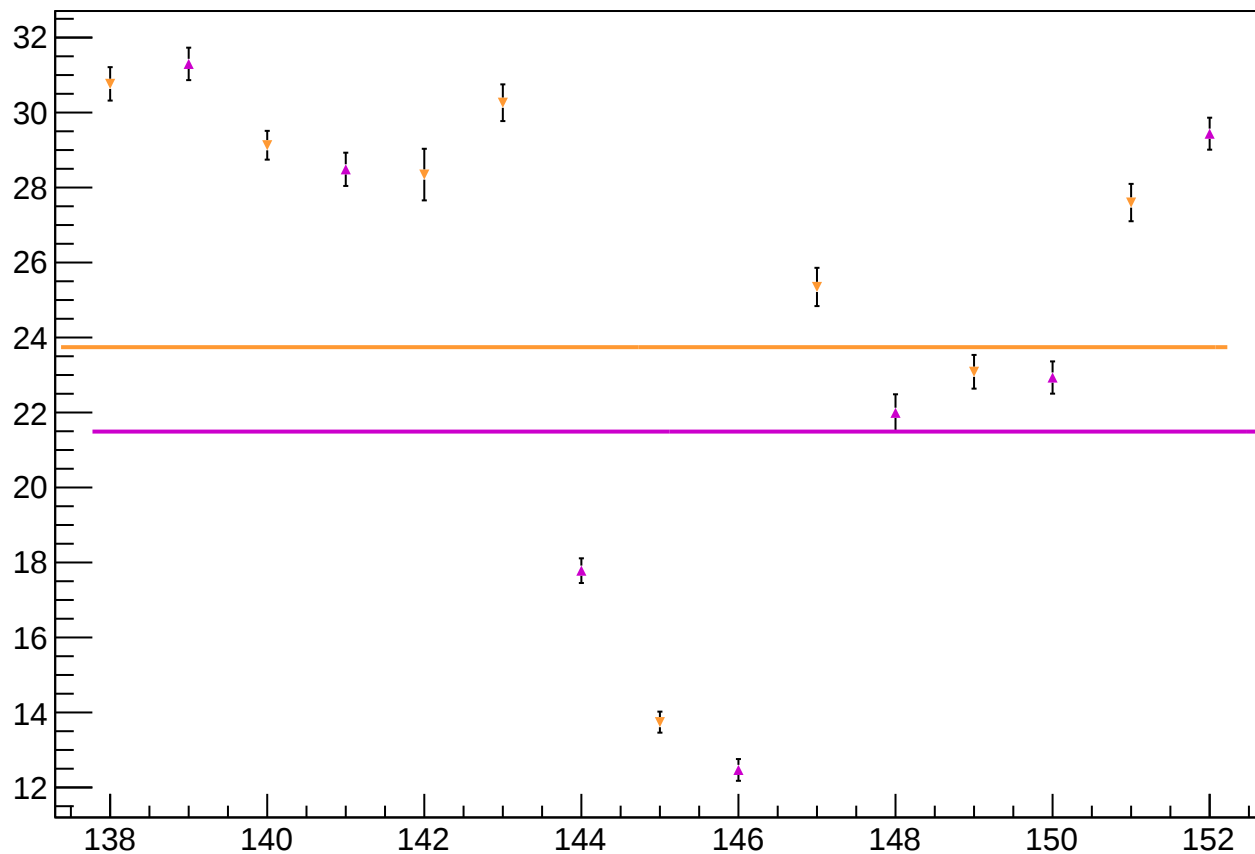
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.132+/-0.103 χ^2/NDF :1155.3/6

Out: -2.294+/-0.104 χ^2/NDF :223.7/7

All: -2.211+/-0.073 χ^2/NDF : 1380.2/14

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: 23.743+/-0.151 χ^2/NDF :2011.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 21.491+/-0.147 χ^2/NDF :2216.4/6

Left: 22.581+/-0.105 χ^2/NDF : 4342.0/14

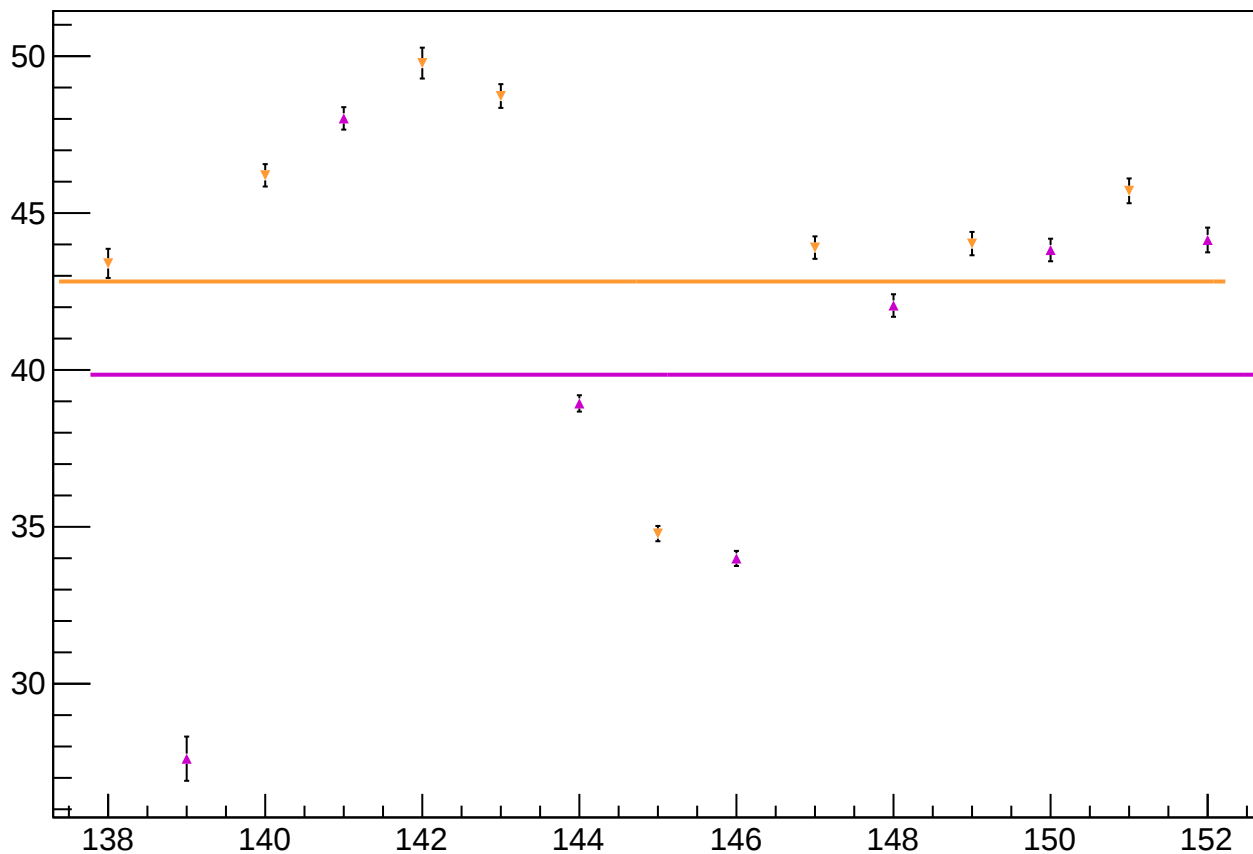
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.491+/-0.147 χ^2/NDF :2216.4/6

Out: 23.743+/-0.151 χ^2/NDF :2011.4/7

All: 22.581+/-0.105 χ^2/NDF : 4342.0/14

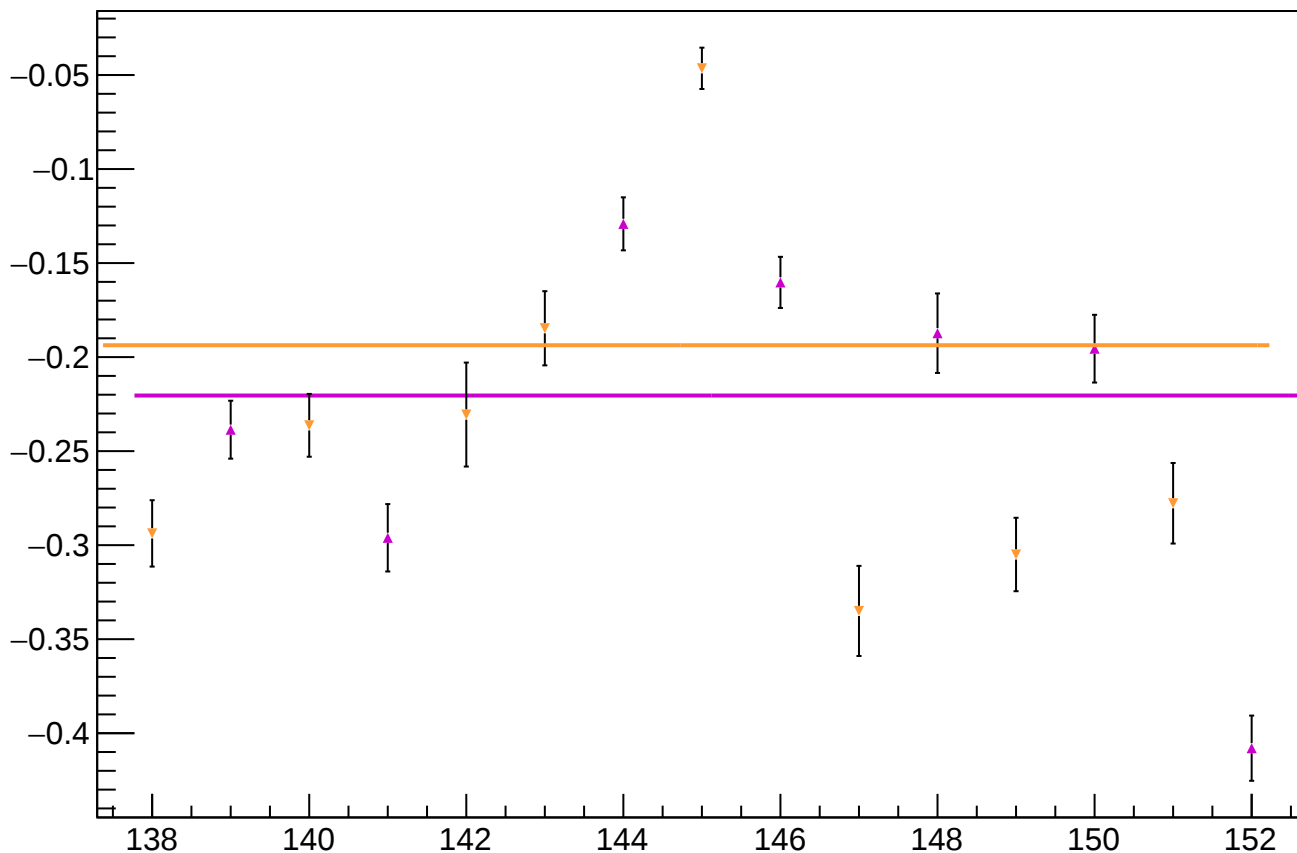
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.819+/-0.127 χ^2/NDF :1693.4/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.848+/-0.125 χ^2/NDF :1706.7/6

Left: 41.312+/-0.089 χ^2/NDF : 3677.1/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.848+/-0.125 χ^2/NDF :1706.7/6
 Out: 42.819+/-0.127 χ^2/NDF :1693.4/7
 All: 41.312+/-0.089 χ^2/NDF : 3677.1/14

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: -0.194+/-0.006 χ^2/NDF :303.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.220+/-0.006 χ^2/NDF :202.1/6

Left: -0.207+/-0.004 χ^2/NDF : 514.4/14

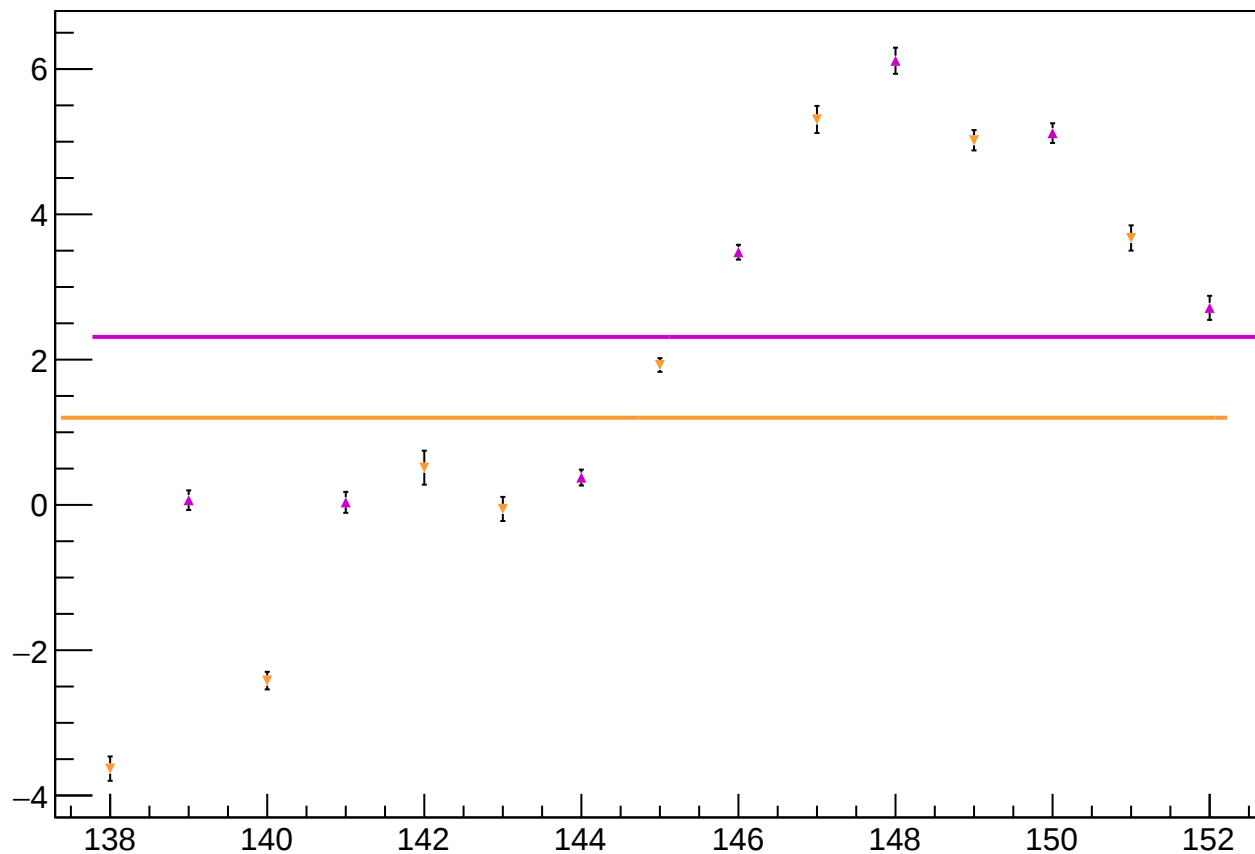
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.220+/-0.006 χ^2/NDF :202.1/6

Out: -0.194+/-0.006 χ^2/NDF :303.0/7

All: -0.207+/-0.004 χ^2/NDF : 514.4/14

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.200+/-0.051 χ^2/NDF :3281.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.313+/-0.050 χ^2/NDF :1848.8/6

Left: 1.770+/-0.036 χ^2/NDF : 5373.9/14

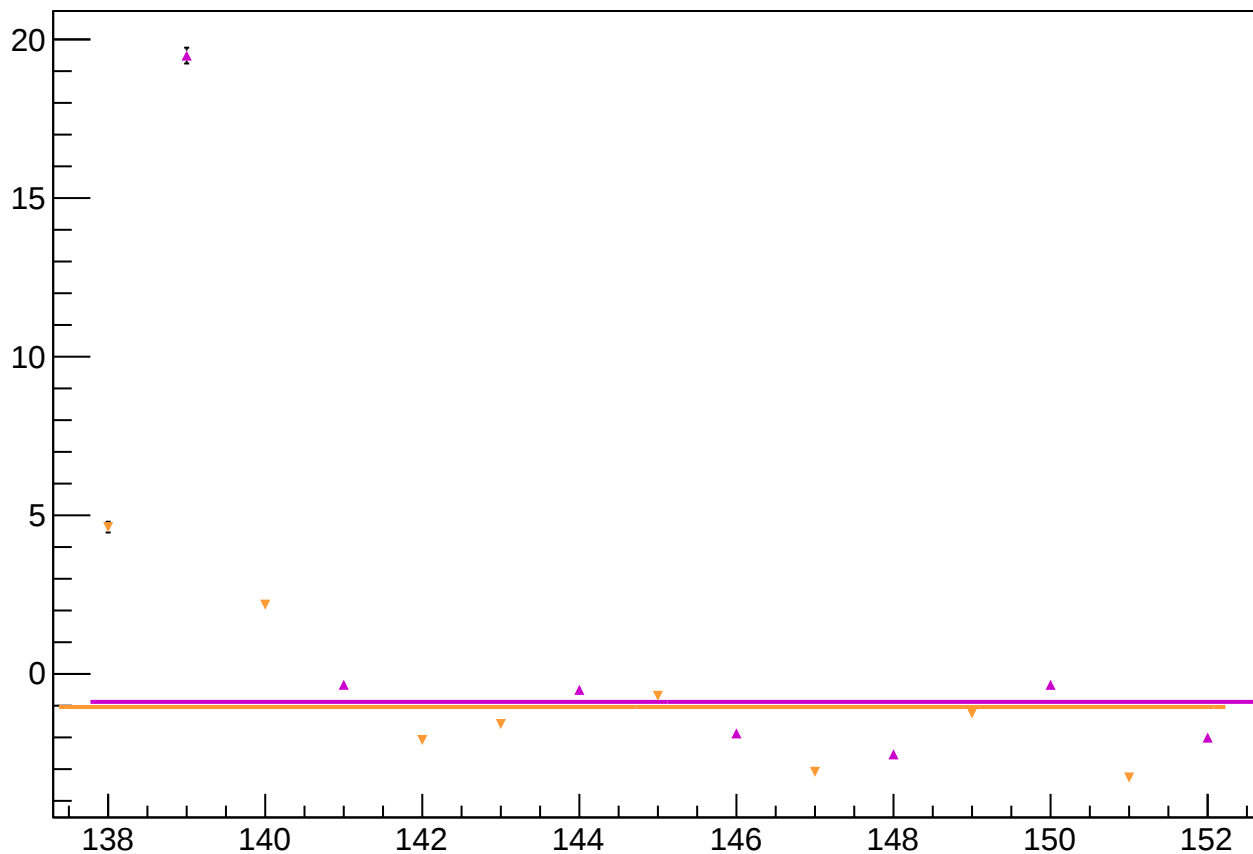
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.313+/-0.050 χ^2/NDF :1848.8/6

Out: 1.200+/-0.051 χ^2/NDF :3281.3/7

All: 1.770+/-0.036 χ^2/NDF : 5373.9/14

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.042+/-0.036 χ^2/NDF : 3247.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Left: -0.959+/-0.025 χ^2/NDF : 10673.4/14

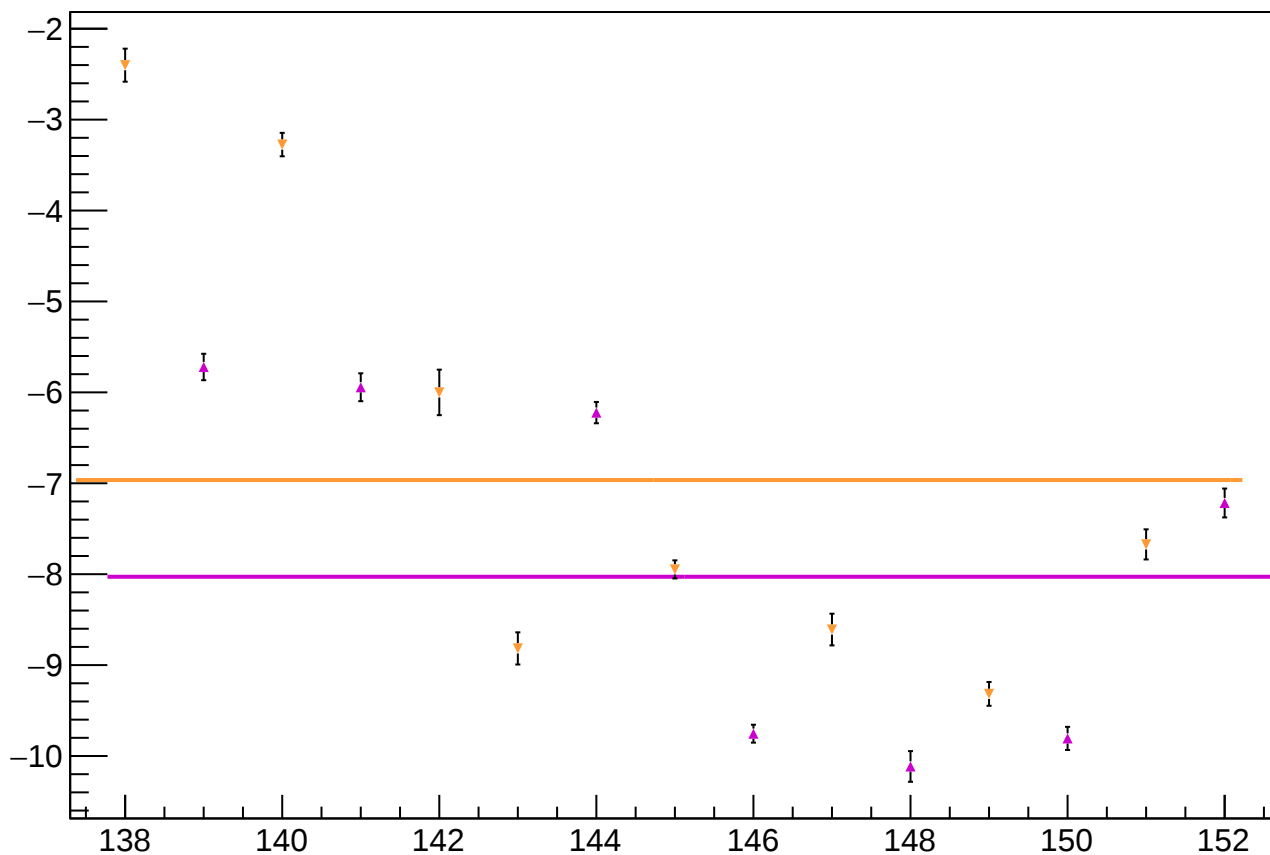
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Out: -1.042+/-0.036 χ^2/NDF : 3247.4/7

All: -0.959+/-0.025 χ^2/NDF : 10673.4/14

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: -6.965+/-0.052 χ^2/NDF :2100.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Left: -7.521+/-0.036 χ^2/NDF : 3673.7/14

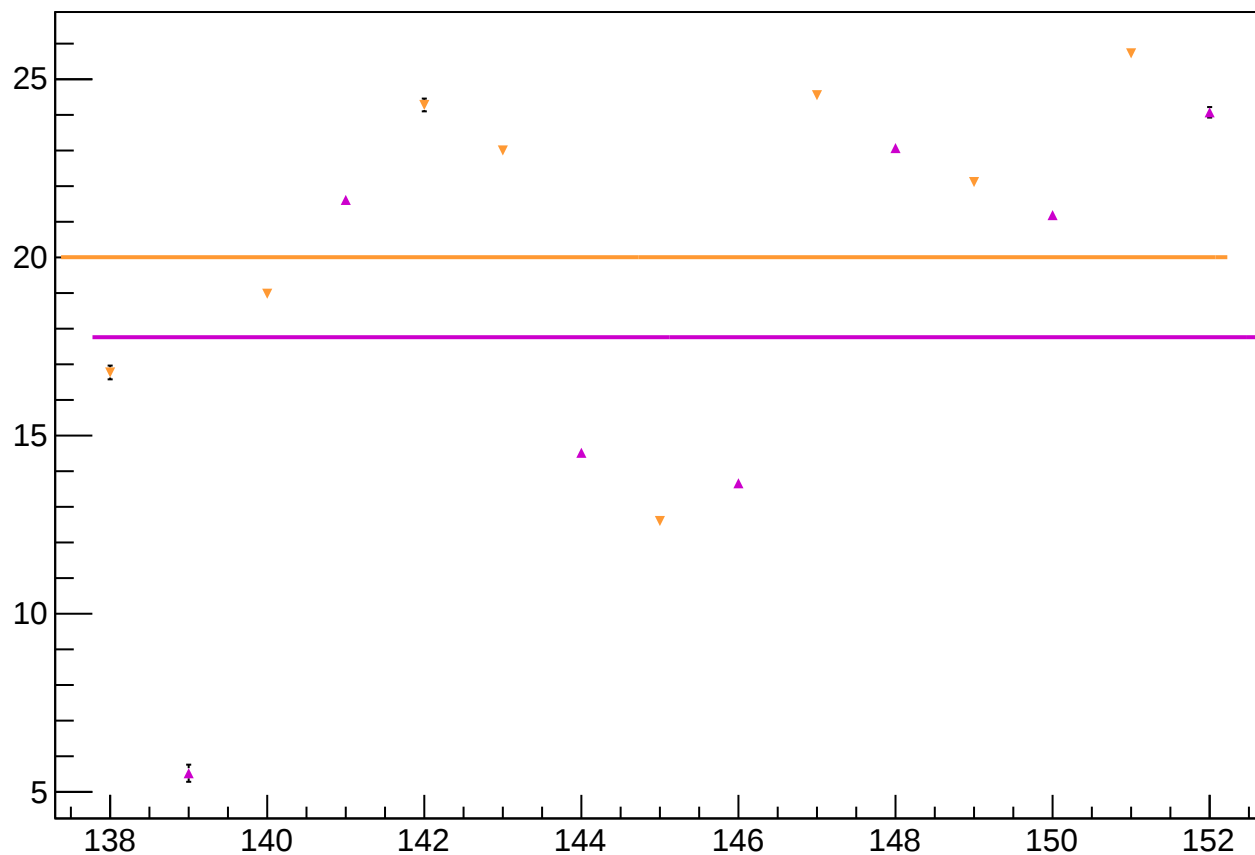
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Out: -6.965+/-0.052 χ^2/NDF :2100.9/7

All: -7.521+/-0.036 χ^2/NDF : 3673.7/14

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

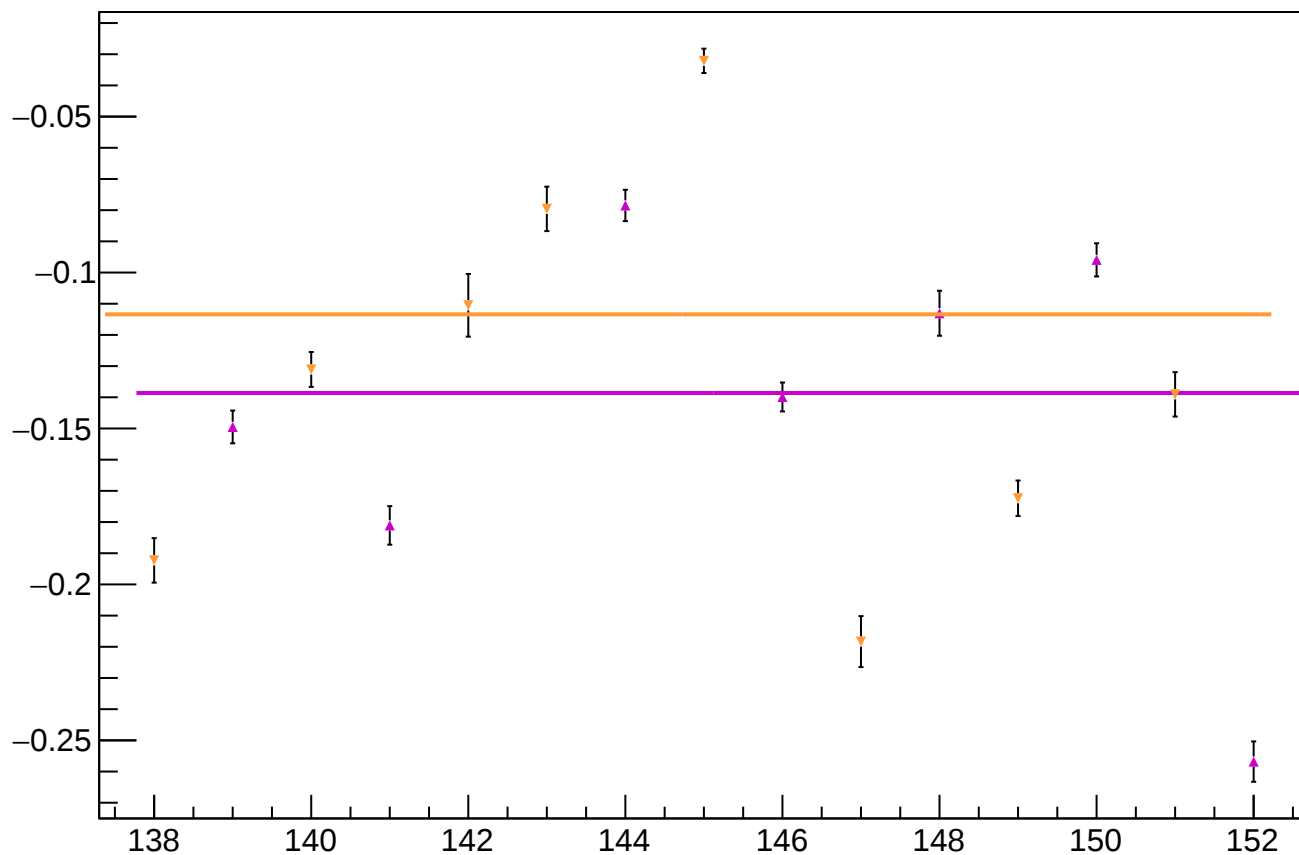


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.006+/-0.044 χ^2/NDF :12088.5/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.761+/-0.043 χ^2/NDF :11977.2/6

Left: 18.853+/-0.031 χ^2/NDF : 25404.7/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.761+/-0.043 χ^2/NDF :11977.2/6
 Out: 20.006+/-0.044 χ^2/NDF :12088.5/7

All: 18.853+/-0.031 χ^2/NDF : 25404.7/14

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: -0.113+/-0.002 χ^2/NDF : 873.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.139+/-0.002 χ^2/NDF : 605.4/6

Left: -0.126+/-0.002 χ^2/NDF : 1548.3/14

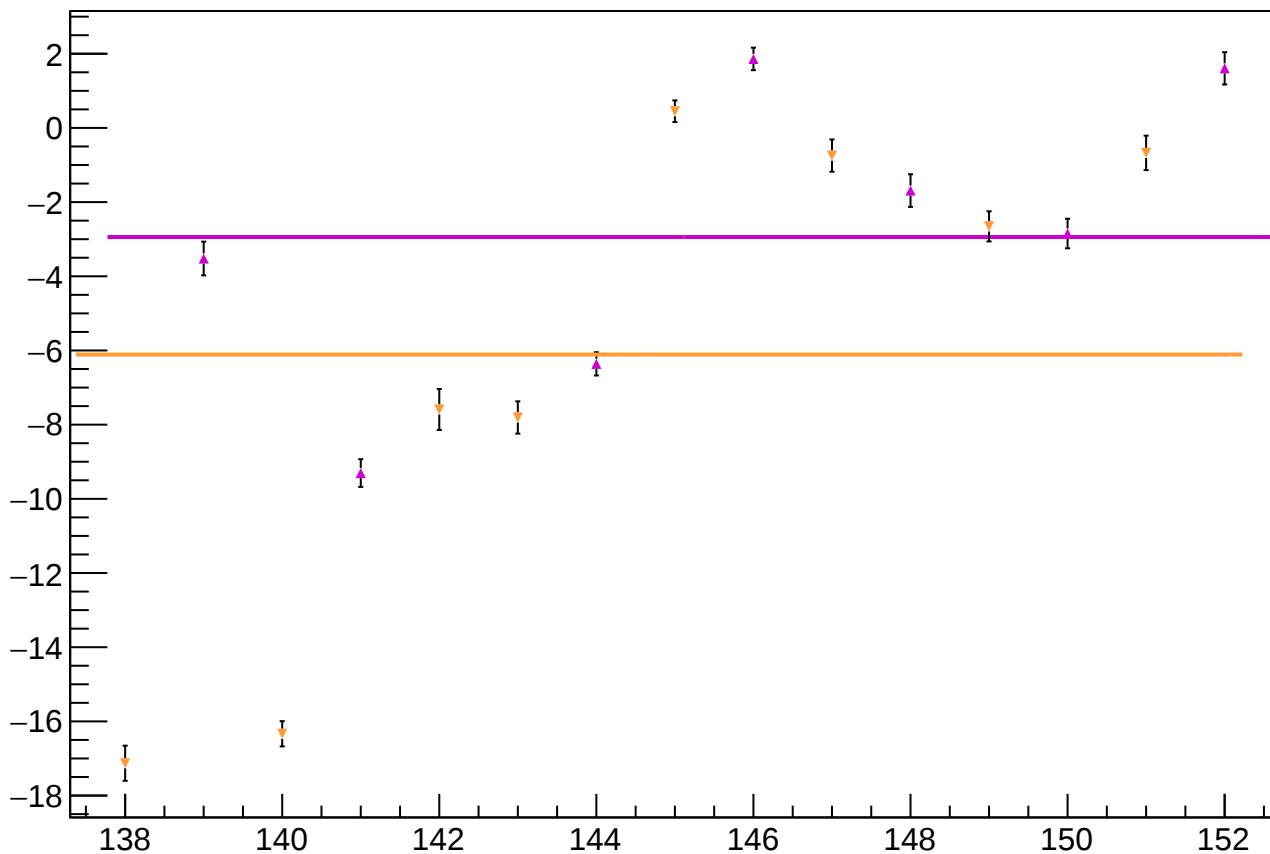
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.139+/-0.002 χ^2/NDF : 605.4/6

Out: -0.113+/-0.002 χ^2/NDF : 873.2/7

All: -0.126+/-0.002 χ^2/NDF : 1548.3/14

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



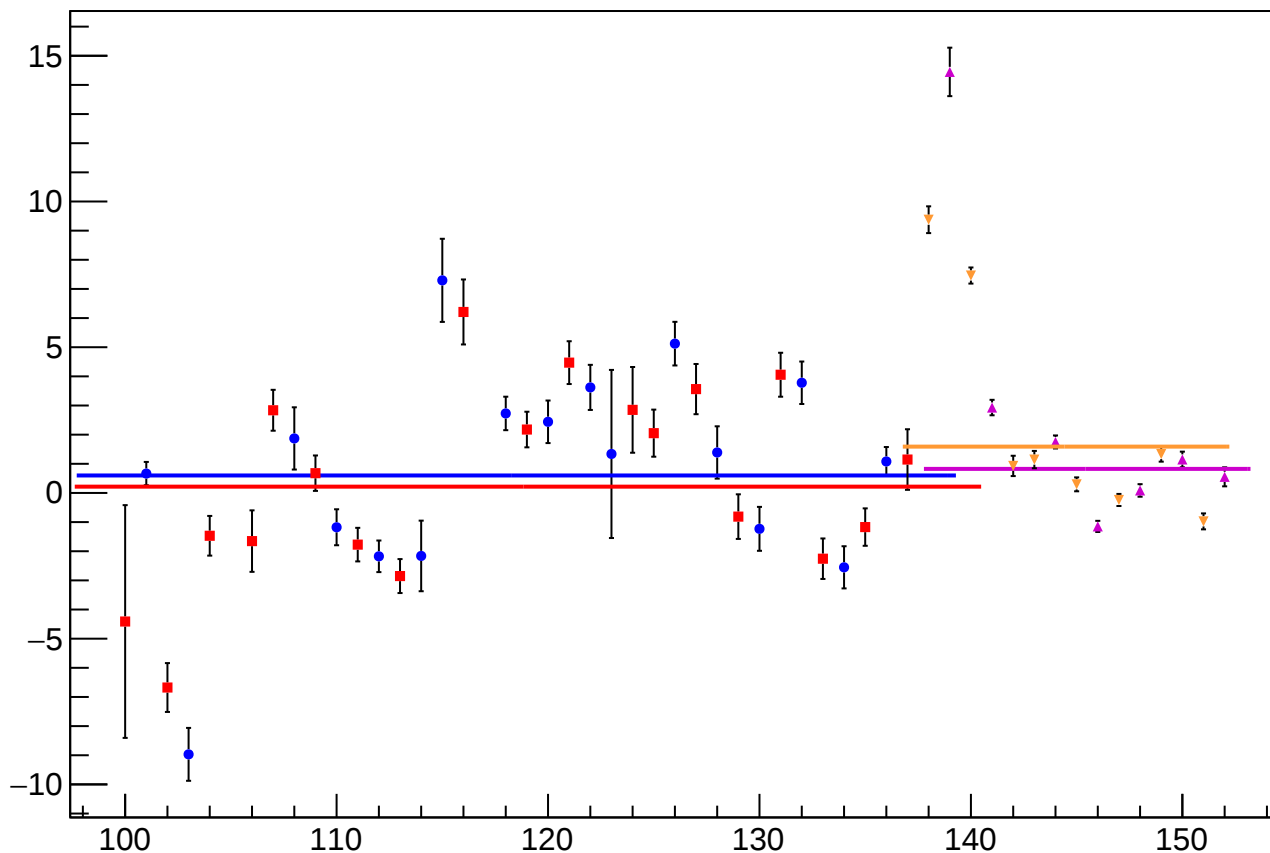
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.110+/-0.142 χ^2/NDF :2333.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.941+/-0.142 χ^2/NDF :778.7/6

Left: -4.518+/-0.100 χ^2/NDF : 3361.5/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.941+/-0.142 χ^2/NDF :778.7/6
 Out: -6.110+/-0.142 χ^2/NDF :2333.9/7

All: -4.518+/-0.100 χ^2/NDF : 3361.5/14

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.590 ± 0.097 χ^2/NDF : 940.7/7

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.826 ± 0.096 χ^2/NDF : 469.1/6

Left: 1.205 ± 0.068 χ^2/NDF : 1441.1/14

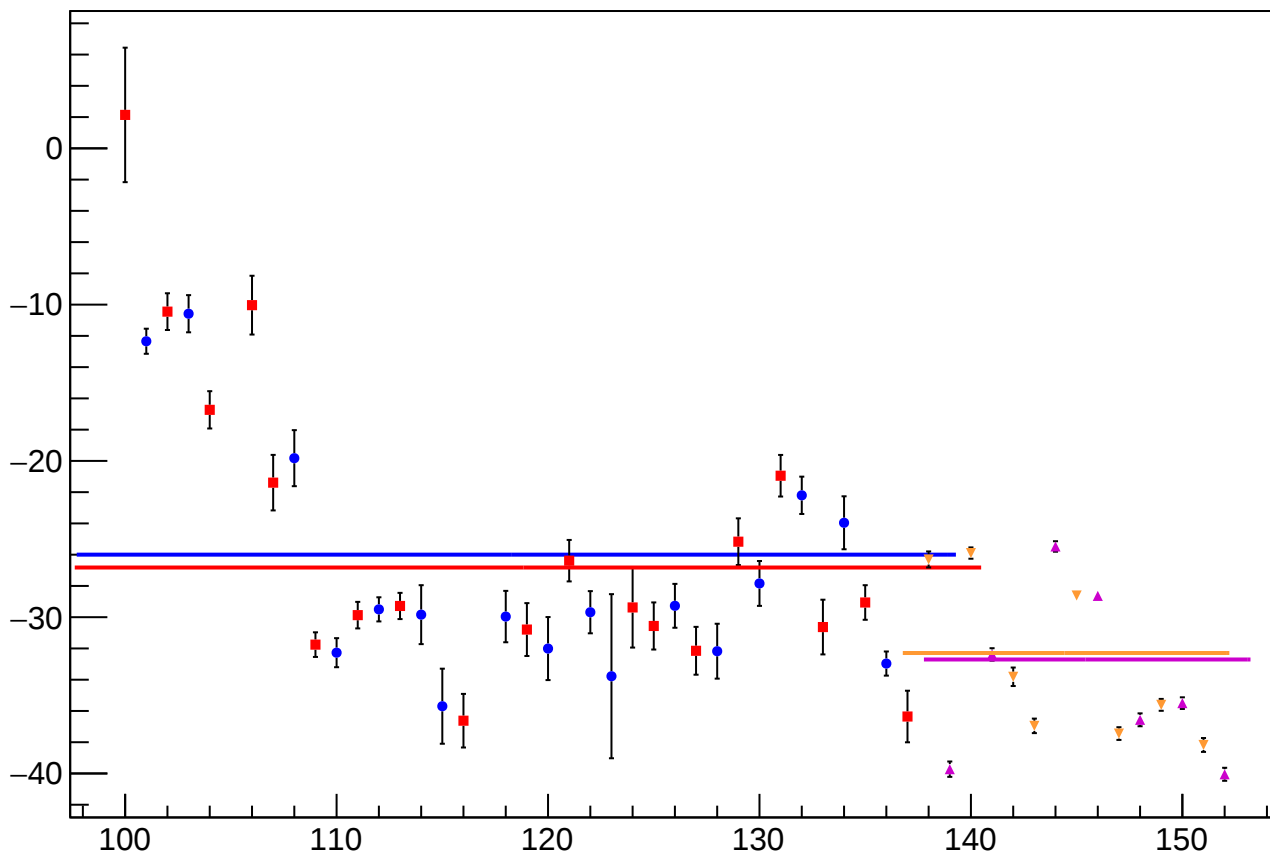
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.770 ± 0.084 χ^2/NDF : 762.4/23

Out: 1.266 ± 0.085 χ^2/NDF : 1262.5/26

All: 1.015 ± 0.060 χ^2/NDF : 2042.2/50

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.291 ± 0.145 χ^2/NDF : 1109.7/7

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -32.707 ± 0.141 χ^2/NDF : 1319.8/6

Left: -32.505 ± 0.101 χ^2/NDF : 2433.7/14

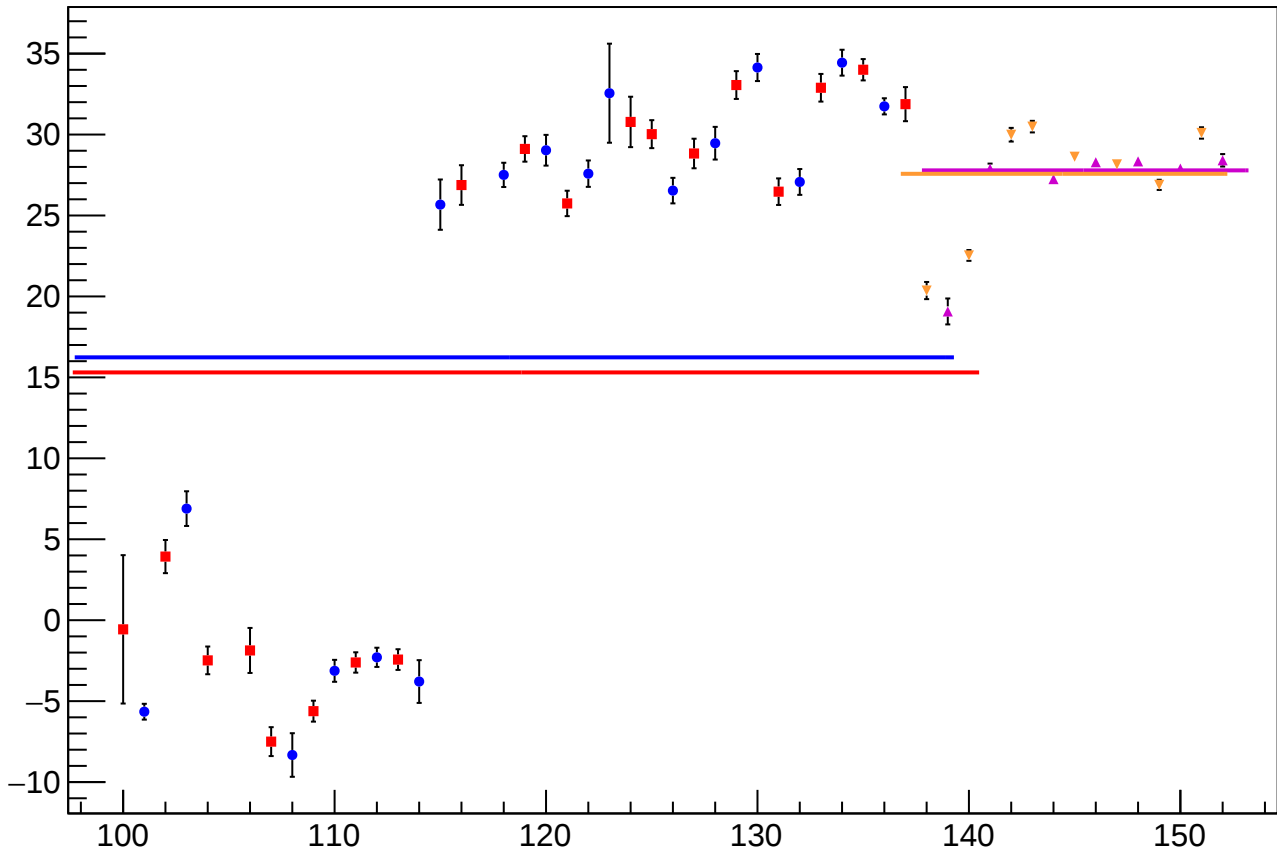
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.487 ± 0.128 χ^2/NDF : 2421.3/23

Out: -31.239 ± 0.130 χ^2/NDF : 1963.6/26

All: -31.366 ± 0.091 χ^2/NDF : 4386.7/50

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: 27.575 $\pm$ 0.120 χ^2 /NDF:586.7/7

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.787 $\pm$ 0.118 χ^2 /NDF:133.0/6

Left: 27.682 $\pm$ 0.084 χ^2 /NDF: 721.3/14

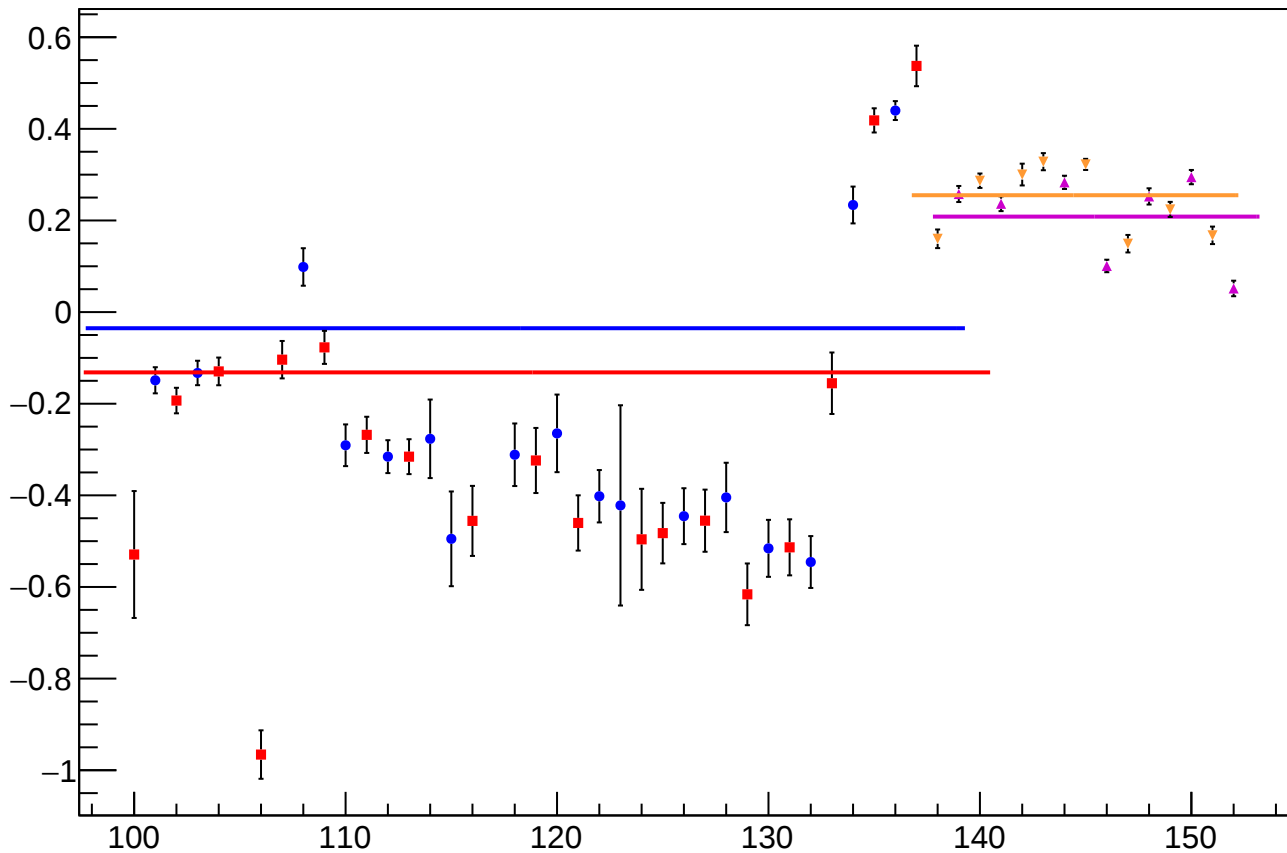
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.589 $\pm$ 0.101 χ^2 /NDF:10346.5/23

Out: 24.260 $\pm$ 0.102 χ^2 /NDF:10690.0/26

All: 24.427 $\pm$ 0.072 χ^2 /NDF: 21041.7/50

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: 0.255 ± 0.006 χ^2/NDF : 130.8/7

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.208 ± 0.006 χ^2/NDF : 222.1/6

Left: 0.231 ± 0.004 χ^2/NDF : 382.9/14

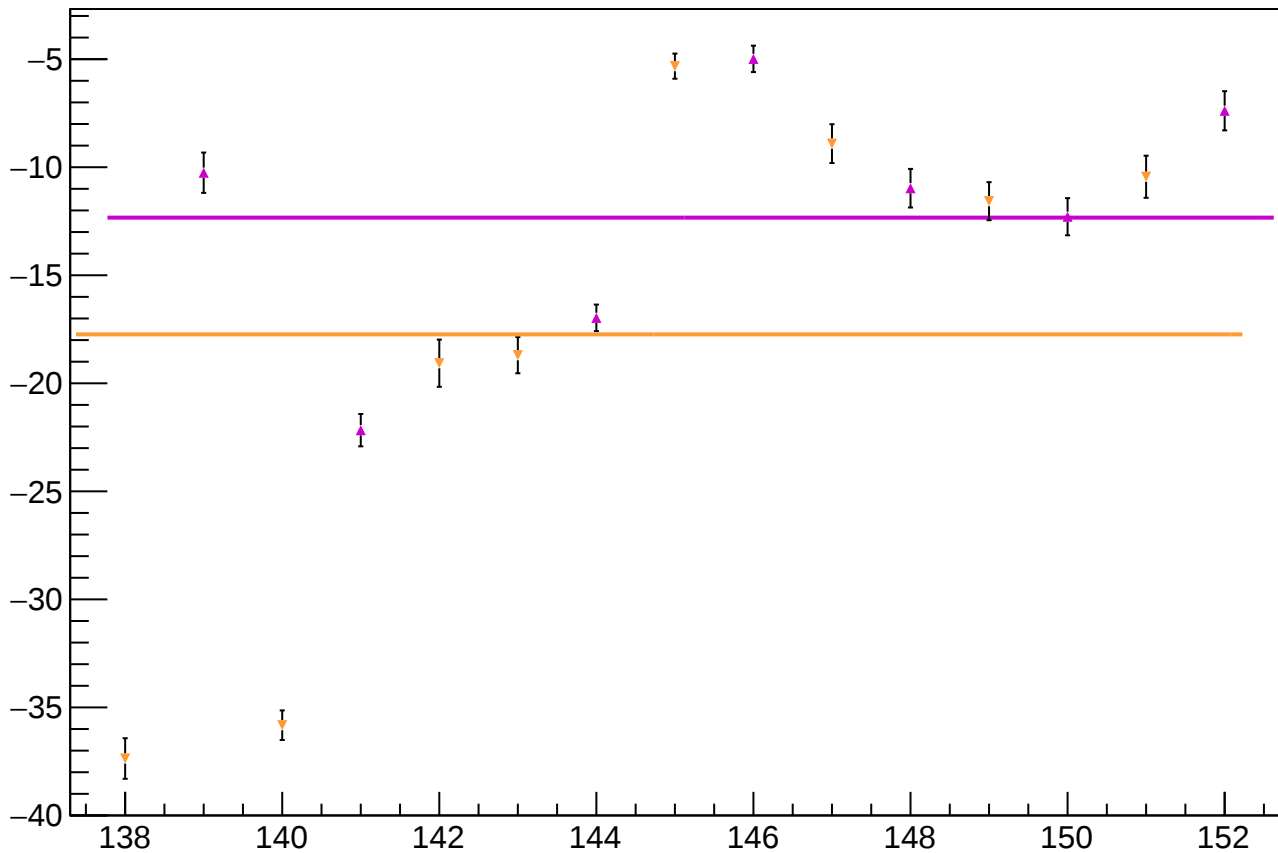
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.147 ± 0.005 χ^2/NDF : 1653.1/23

Out: 0.156 ± 0.005 χ^2/NDF : 2336.7/26

All: 0.152 ± 0.004 χ^2/NDF : 3991.2/50

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.736+/-0.288 χ^2/NDF :1794.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.333+/-0.288 χ^2/NDF :411.7/6

Left: -15.033+/-0.203 χ^2/NDF : 2382.5/14

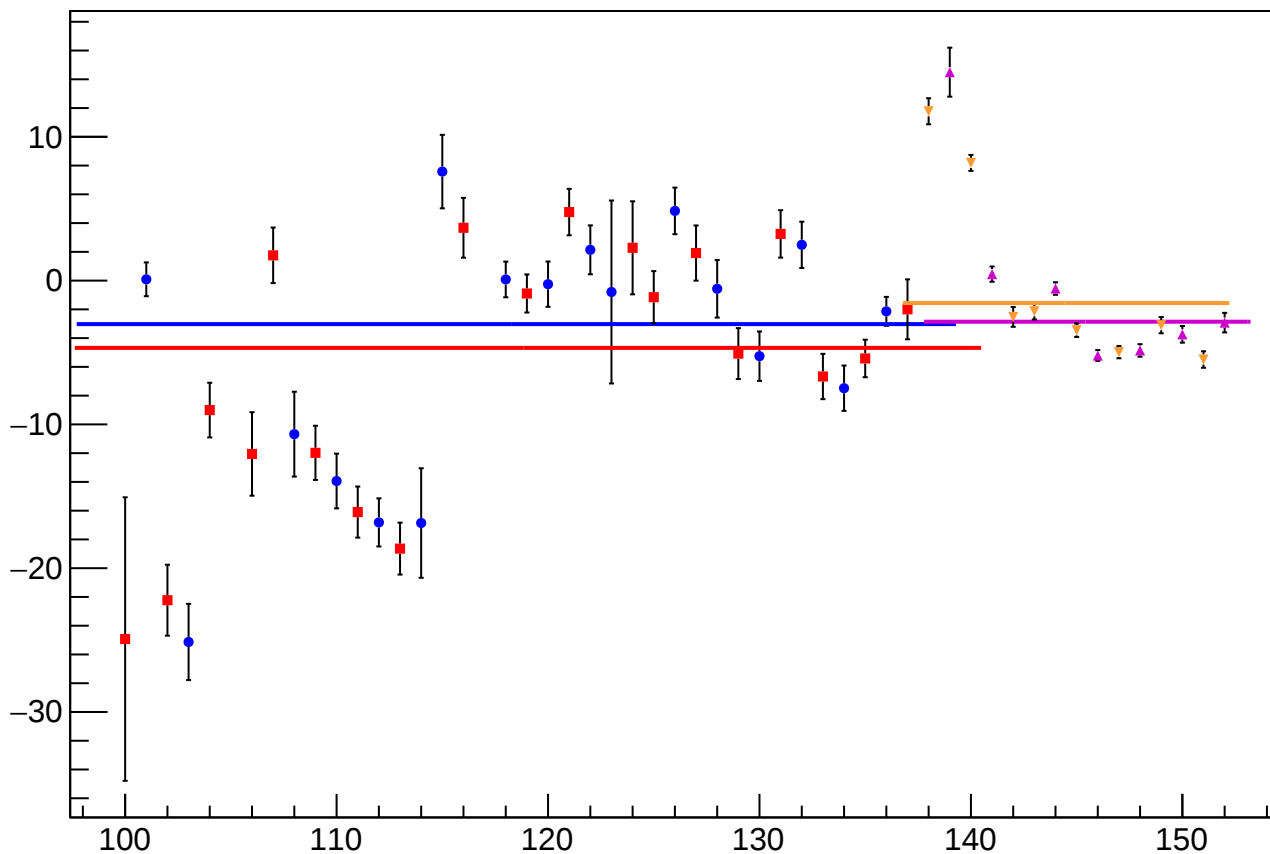
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.333+/-0.288 χ^2/NDF :411.7/6

Out: -17.736+/-0.288 χ^2/NDF :1794.5/7

All: -15.033+/-0.203 χ^2/NDF : 2382.5/14

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.561 ± 0.197 χ^2/NDF : 662.0/7

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.859 ± 0.194 χ^2/NDF : 232.8/6

Left: -2.220 ± 0.138 χ^2/NDF : 916.9/14

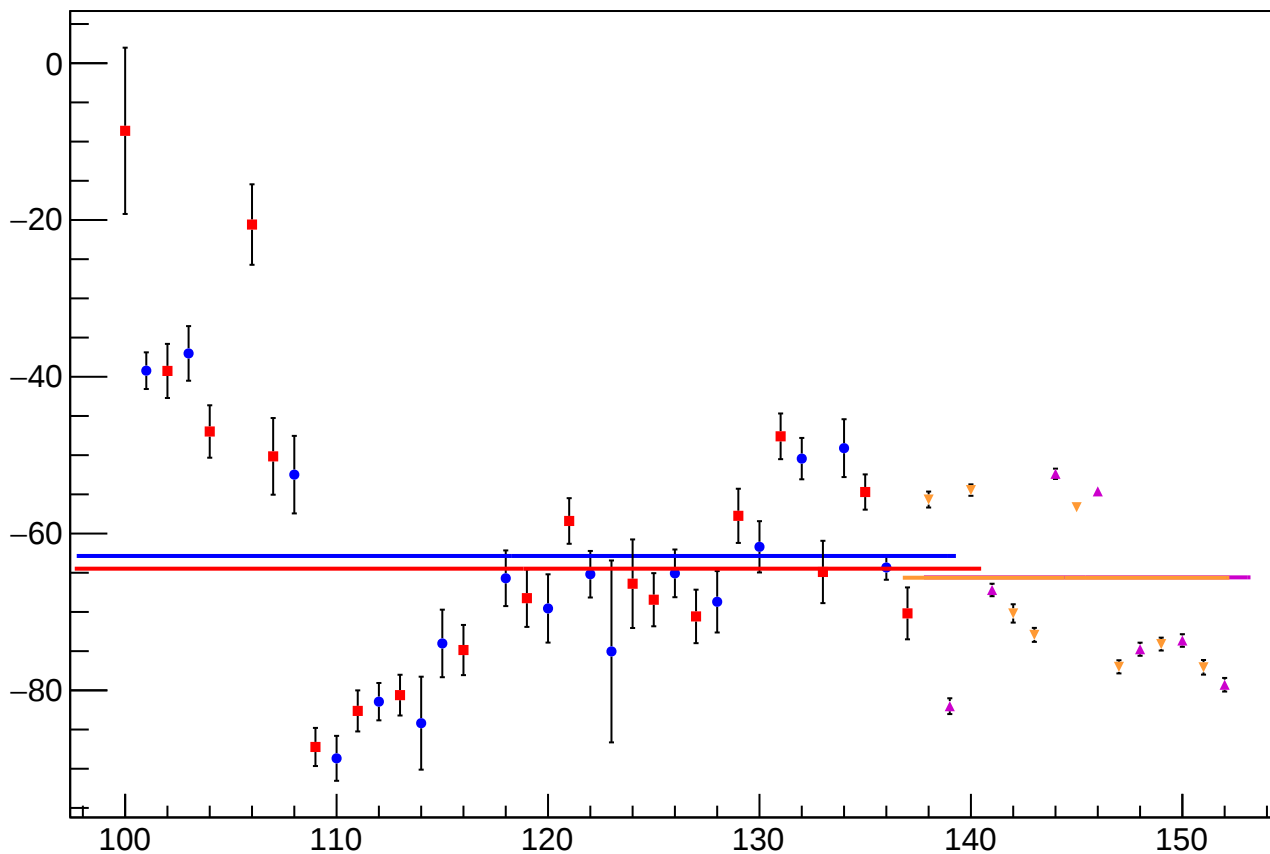
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.890 ± 0.175 χ^2/NDF : 513.6/23

Out: -2.109 ± 0.179 χ^2/NDF : 1005.2/26

All: -2.507 ± 0.125 χ^2/NDF : 1528.5/50

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -65.633 ± 0.295 χ^2/NDF : 1065.0/7

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -65.589 ± 0.288 χ^2/NDF : 1491.8/6

Left: -65.610 ± 0.206 χ^2/NDF : 2556.8/14

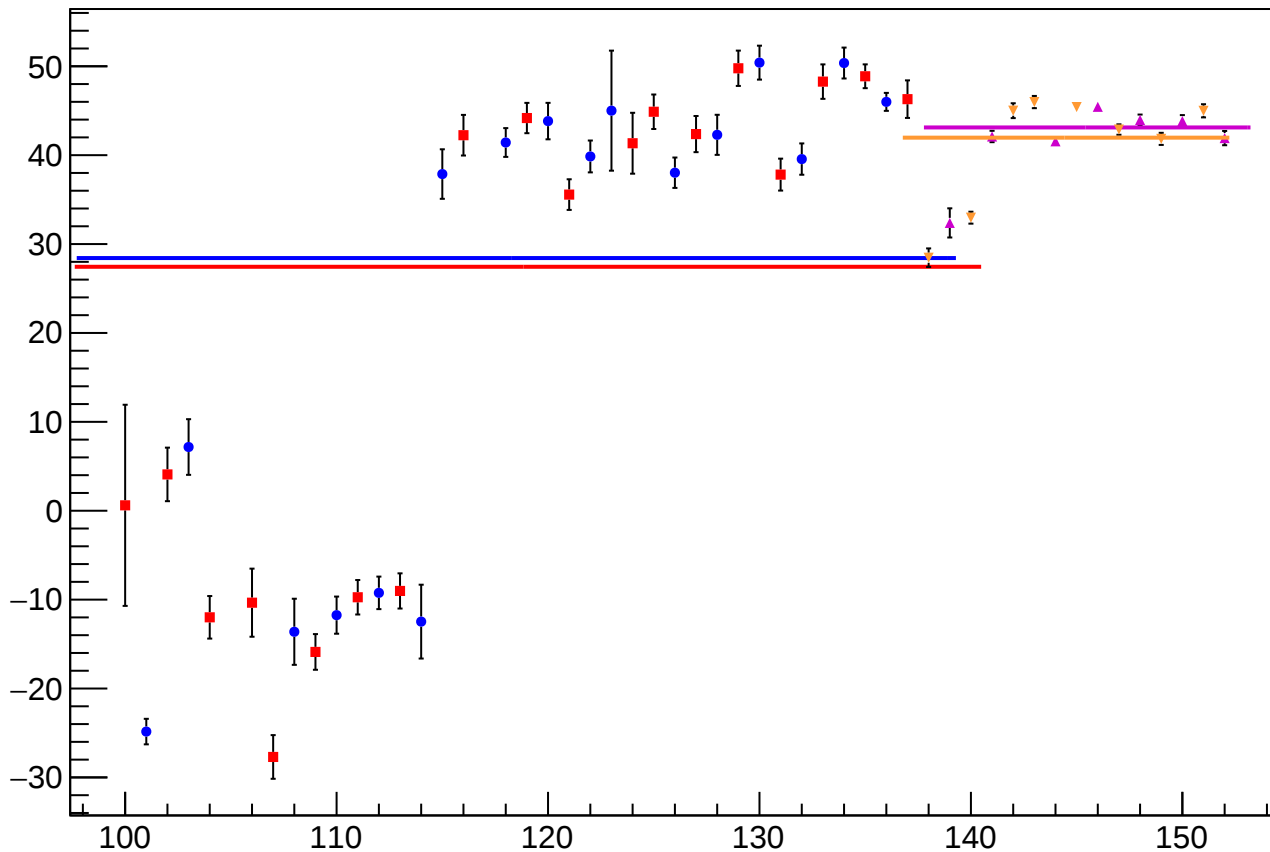
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -65.229 ± 0.268 χ^2/NDF : 1871.4/23

Out: -65.479 ± 0.274 χ^2/NDF : 1511.0/26

All: -65.351 ± 0.192 χ^2/NDF : 3382.8/50

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 $\chi^2/\text{NDF}: 3322.4/16$

Left Out: 41.970 ± 0.243 $\chi^2/\text{NDF}: 451.8/7$

Right Out: 27.445 ± 0.478 $\chi^2/\text{NDF}: 3033.4/18$

Left In: 43.118 ± 0.240 $\chi^2/\text{NDF}: 83.5/6$

Left: 42.552 ± 0.171 $\chi^2/\text{NDF}: 546.6/14$

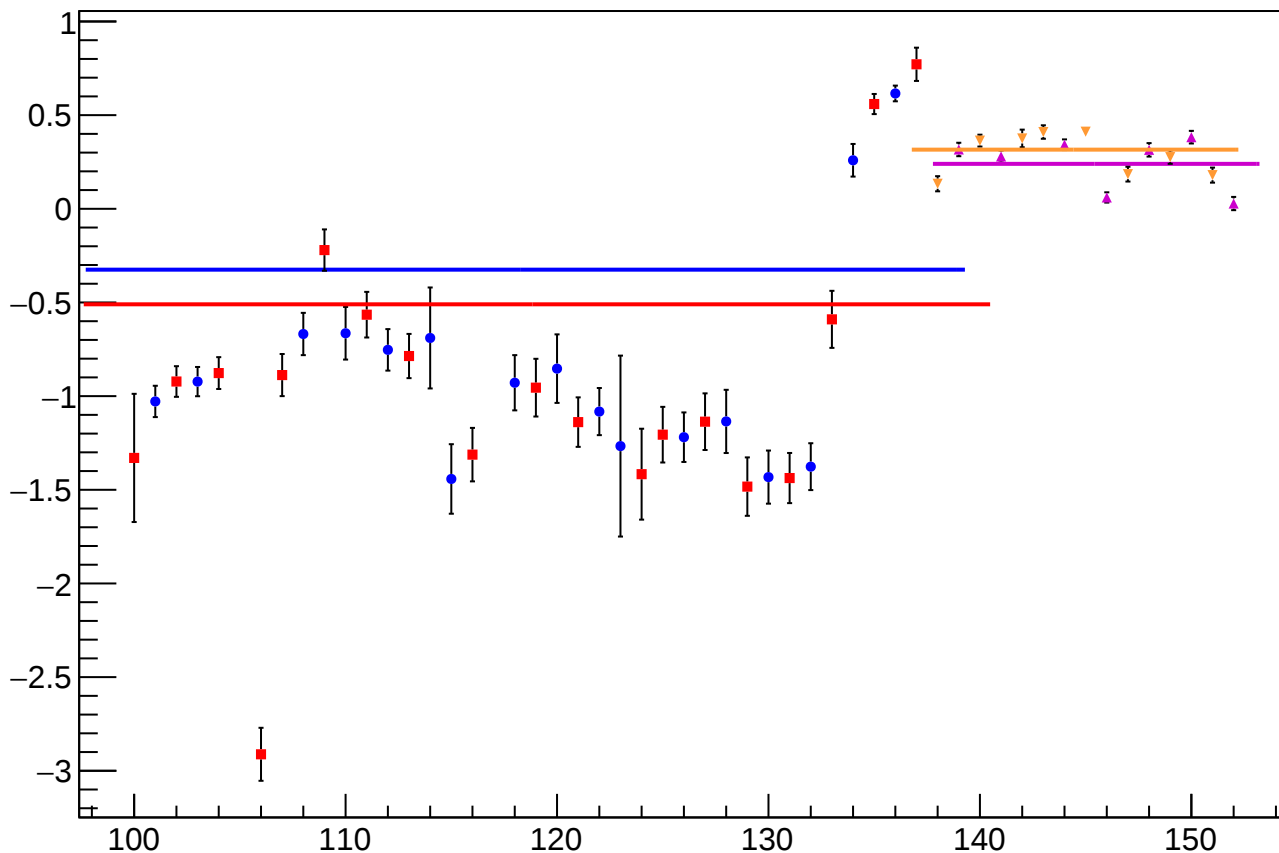
Right: 27.957 ± 0.331 $\chi^2/\text{NDF}: 6358.0/35$

In: 39.958 ± 0.212 $\chi^2/\text{NDF}: 4214.4/23$

Out: 38.989 ± 0.217 $\chi^2/\text{NDF}: 4218.1/26$

All: 39.483 ± 0.152 $\chi^2/\text{NDF}: 8442.7/50$

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: 0.316 ± 0.012 χ^2/NDF : 70.4/7

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.240 ± 0.012 χ^2/NDF : 119.8/6

Left: 0.277 ± 0.009 χ^2/NDF : 209.5/14

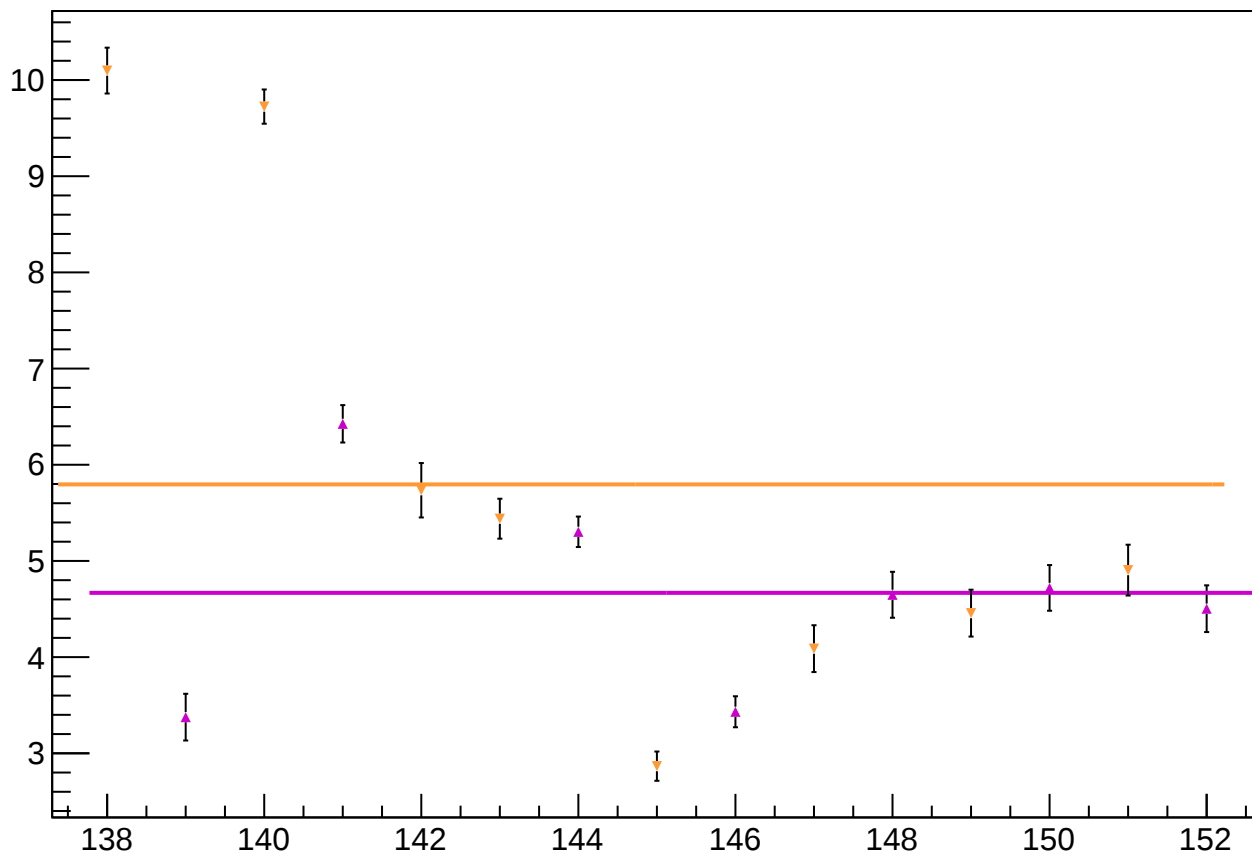
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.131 ± 0.011 χ^2/NDF : 1546.5/23

Out: 0.161 ± 0.011 χ^2/NDF : 2078.9/26

All: 0.146 ± 0.008 χ^2/NDF : 3629.1/50

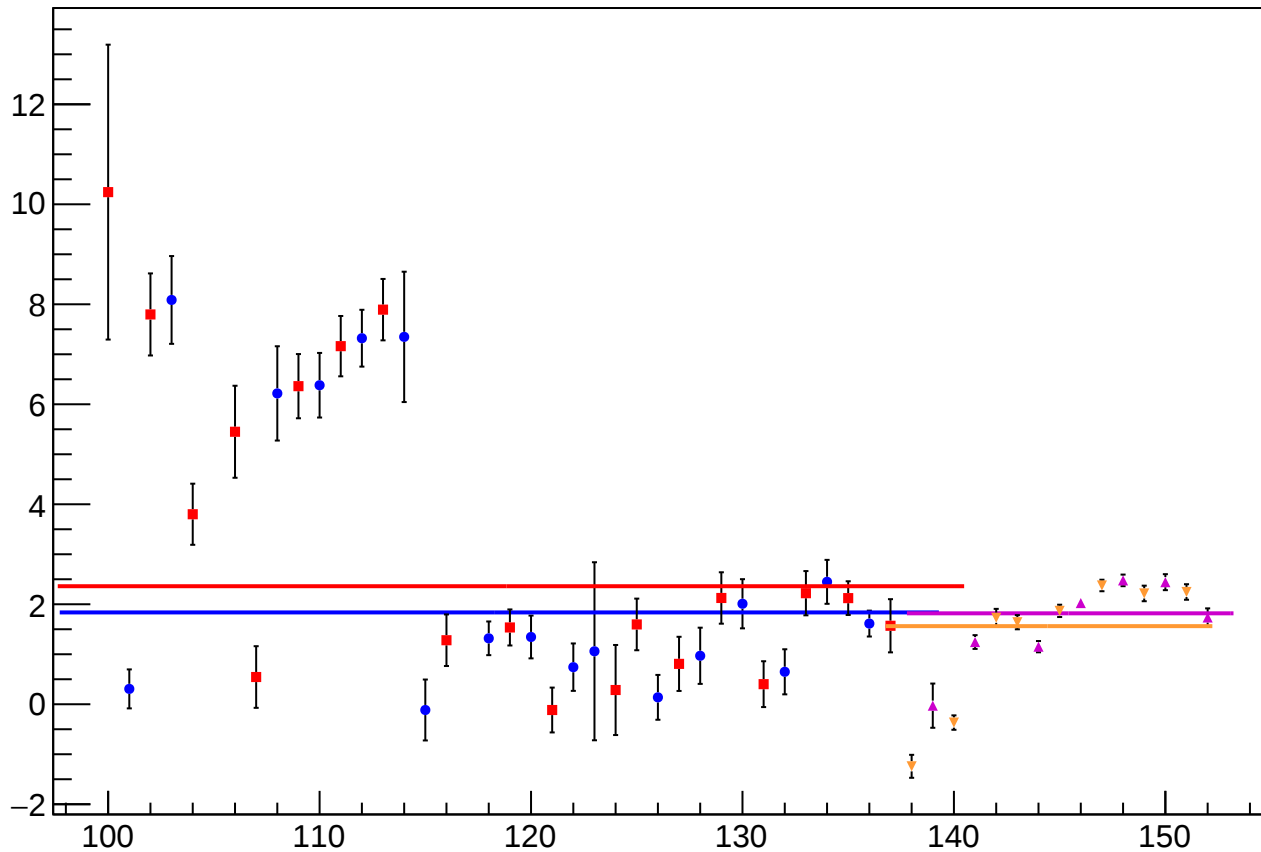
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.796+/-0.075 χ^2/NDF :1277.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.668+/-0.076 χ^2/NDF :185.5/6

Left: 5.235+/-0.053 χ^2/NDF : 1573.9/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.668+/-0.076 χ^2/NDF :185.5/6
 Out: 5.796+/-0.075 χ^2/NDF :1277.2/7
 All: 5.235+/-0.053 χ^2/NDF : 1573.9/14

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.562 ± 0.052 $\chi^2/\text{NDF}: 422.0/7$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: 1.819 ± 0.051 $\chi^2/\text{NDF}: 121.8/6$

Left: 1.692 ± 0.036 $\chi^2/\text{NDF}: 556.3/14$

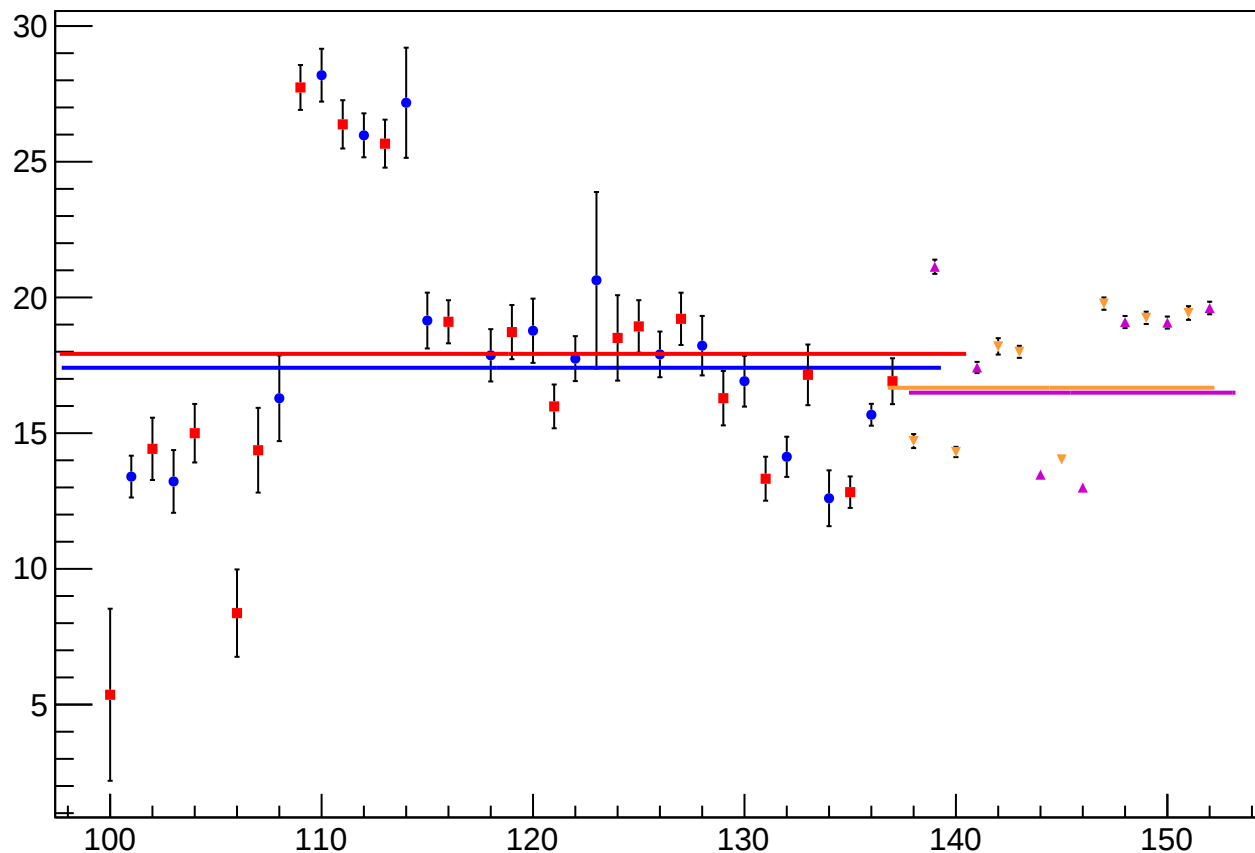
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 1.822 ± 0.047 $\chi^2/\text{NDF}: 415.9/23$

Out: 1.684 ± 0.048 $\chi^2/\text{NDF}: 795.0/26$

All: 1.754 ± 0.033 $\chi^2/\text{NDF}: 1215.2/50$

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: 16.673 $\pm$ 0.077 χ^2 /NDF:973.9/7

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.492 $\pm$ 0.076 χ^2 /NDF:1610.7/6

Left: 16.580 $\pm$ 0.054 χ^2 /NDF: 2587.3/14

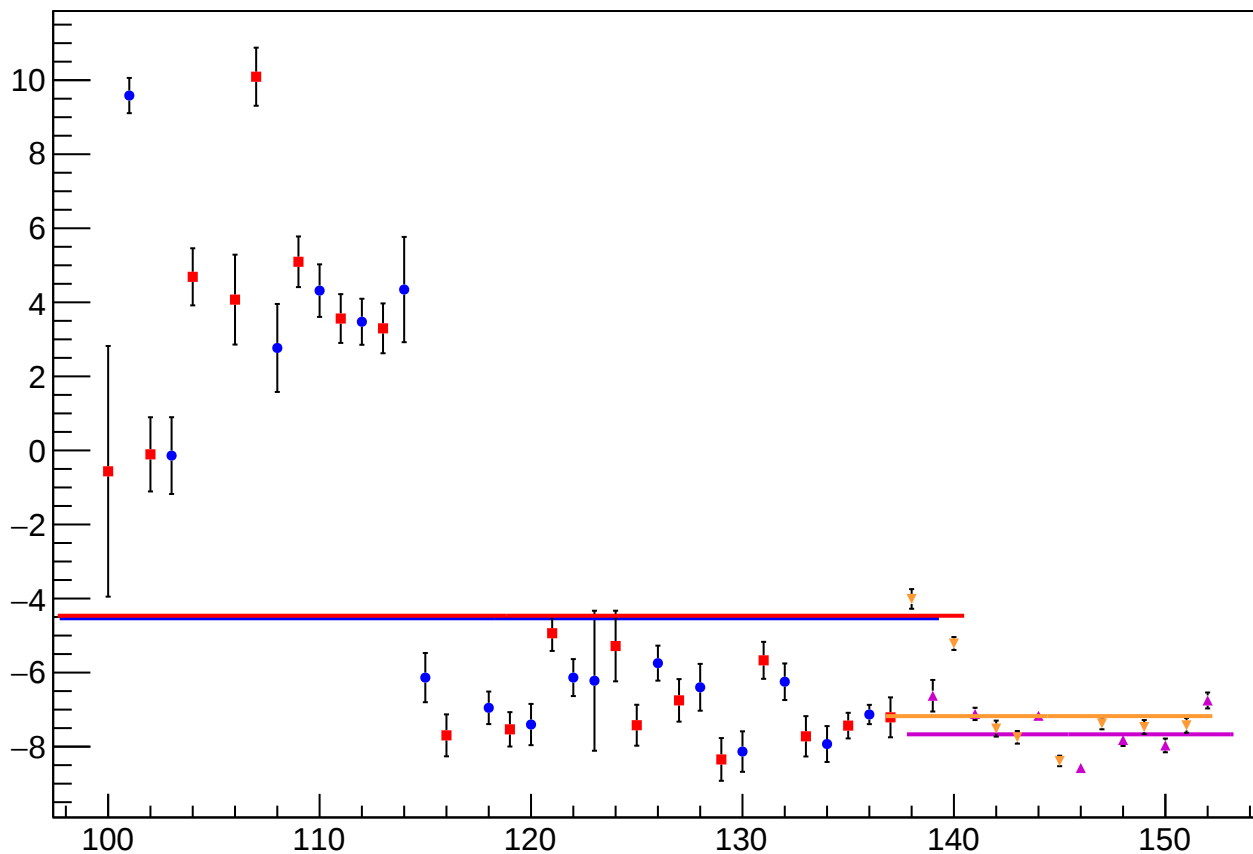
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.596 $\pm$ 0.072 χ^2 /NDF:1992.4/23

Out: 16.812 $\pm$ 0.073 χ^2 /NDF:1509.3/26

All: 16.702 $\pm$ 0.051 χ^2 /NDF: 3506.1/50

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: -7.176 ± 0.064 χ^2/NDF : 360.3/7

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.668 ± 0.063 χ^2/NDF : 106.2/6

Left: -7.425 ± 0.045 χ^2/NDF : 496.5/14

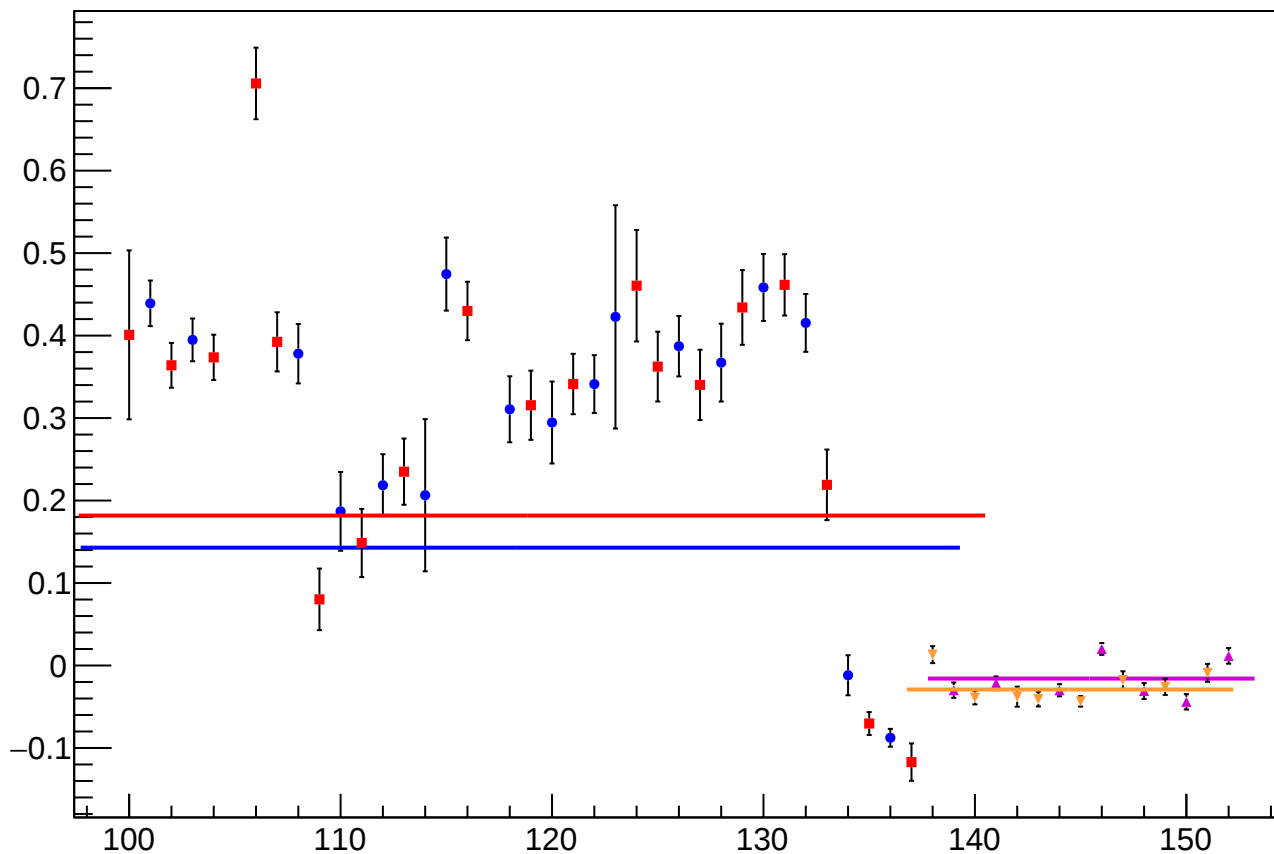
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.067 ± 0.057 χ^2/NDF : 2167.0/23

Out: -6.690 ± 0.058 χ^2/NDF : 2023.2/26

All: -6.882 ± 0.041 χ^2/NDF : 4211.8/50

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.029 ± 0.003 $\chi^2/\text{NDF}: 30.4/7$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.016 ± 0.003 $\chi^2/\text{NDF}: 51.3/6$

Left: -0.022 ± 0.002 $\chi^2/\text{NDF}: 90.1/14$

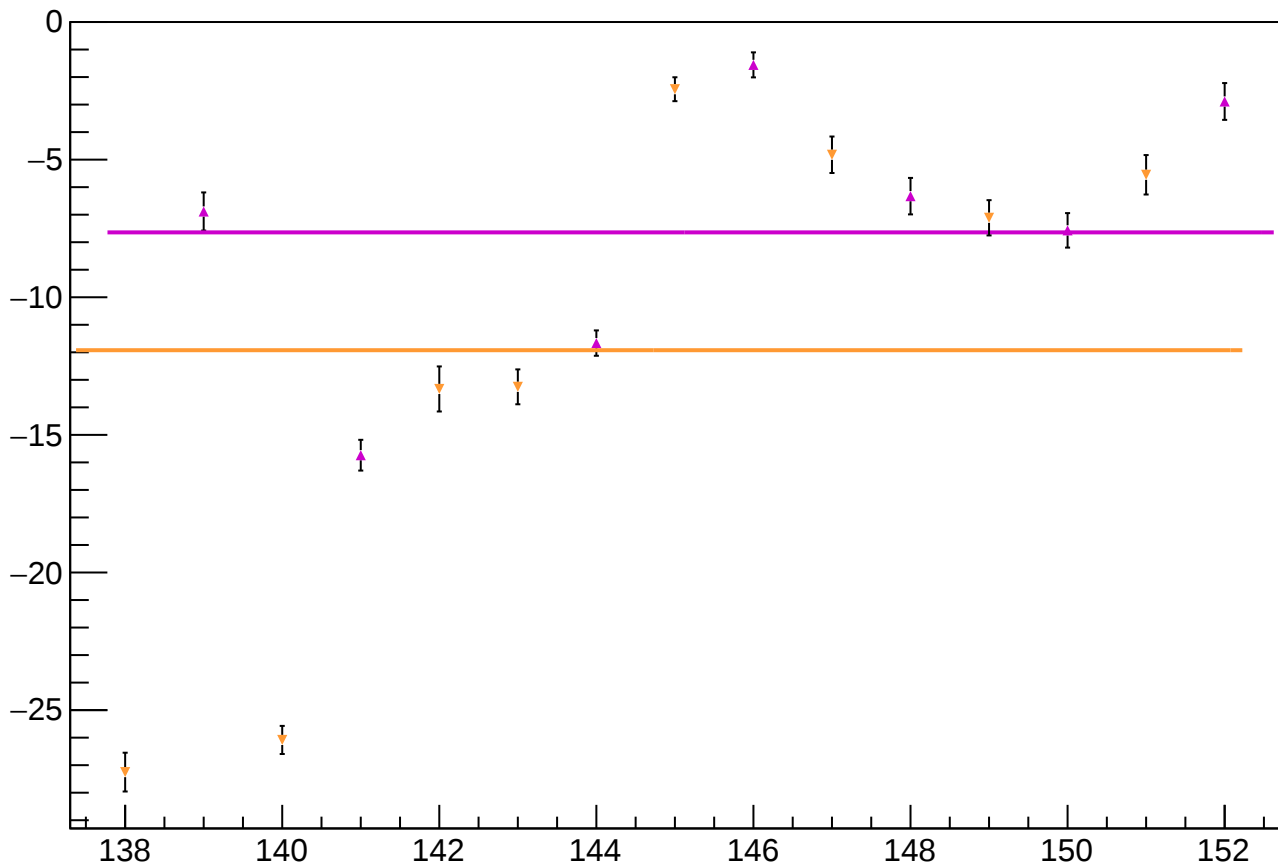
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 1529.4/23$

Out: 0.005 ± 0.003 $\chi^2/\text{NDF}: 1723.2/26$

All: 0.008 ± 0.002 $\chi^2/\text{NDF}: 3255.1/50$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.924+/-0.214 χ^2/NDF :1977.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.643+/-0.214 χ^2/NDF :521.3/6

Left: -9.778+/-0.151 χ^2/NDF : 2698.5/14

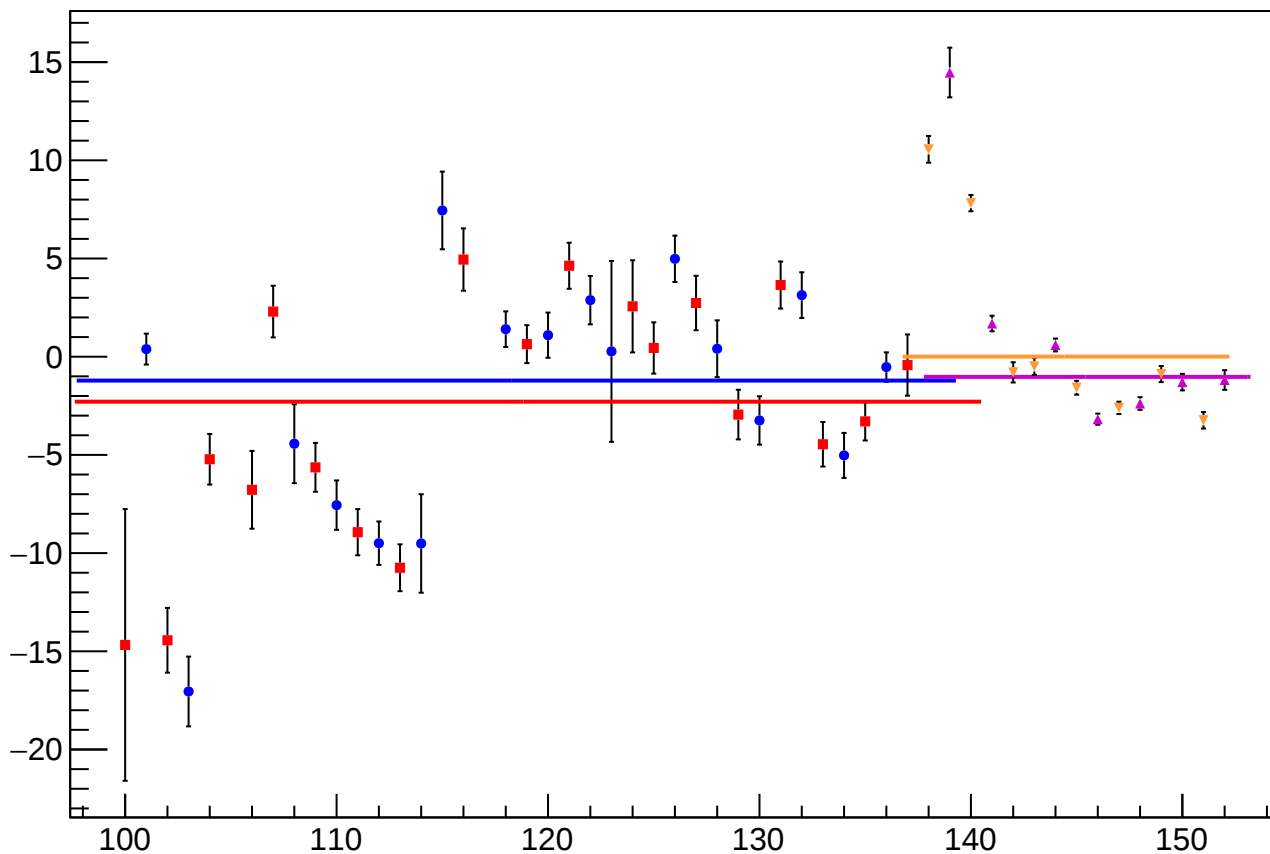
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.643+/-0.214 χ^2/NDF :521.3/6

Out: -11.924+/-0.214 χ^2/NDF :1977.1/7

All: -9.778+/-0.151 χ^2/NDF : 2698.5/14

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: 0.007 ± 0.146 $\chi^2/\text{NDF}: 752.7/7$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -1.027 ± 0.144 $\chi^2/\text{NDF}: 297.9/6$

Left: -0.516 ± 0.103 $\chi^2/\text{NDF}: 1075.9/14$

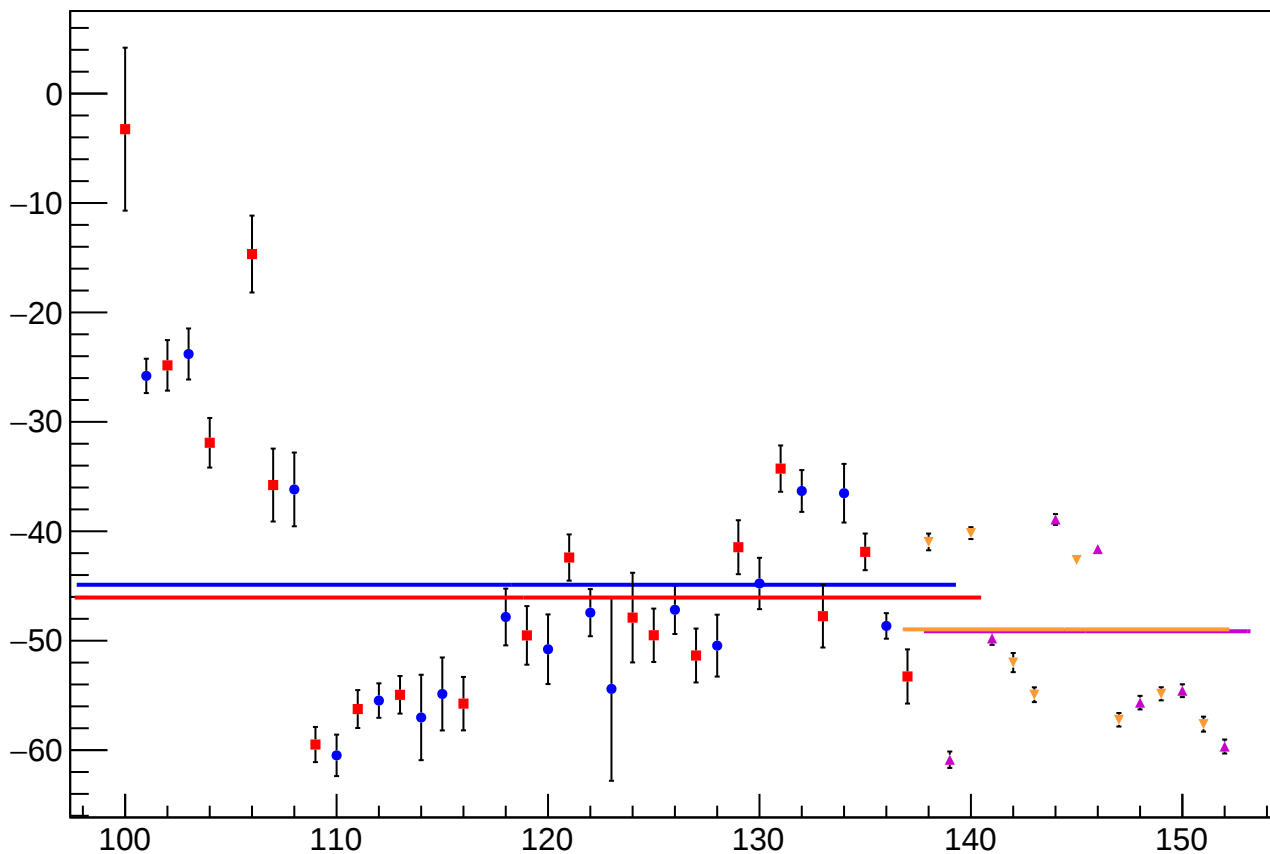
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -1.064 ± 0.129 $\chi^2/\text{NDF}: 577.0/23$

Out: -0.429 ± 0.132 $\chi^2/\text{NDF}: 1086.6/26$

All: -0.752 ± 0.092 $\chi^2/\text{NDF}: 1675.4/50$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -48.966 ± 0.219 χ^2/NDF : 1085.6/7

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -49.137 ± 0.214 χ^2/NDF : 1438.5/6

Left: -49.054 ± 0.153 χ^2/NDF : 2524.3/14

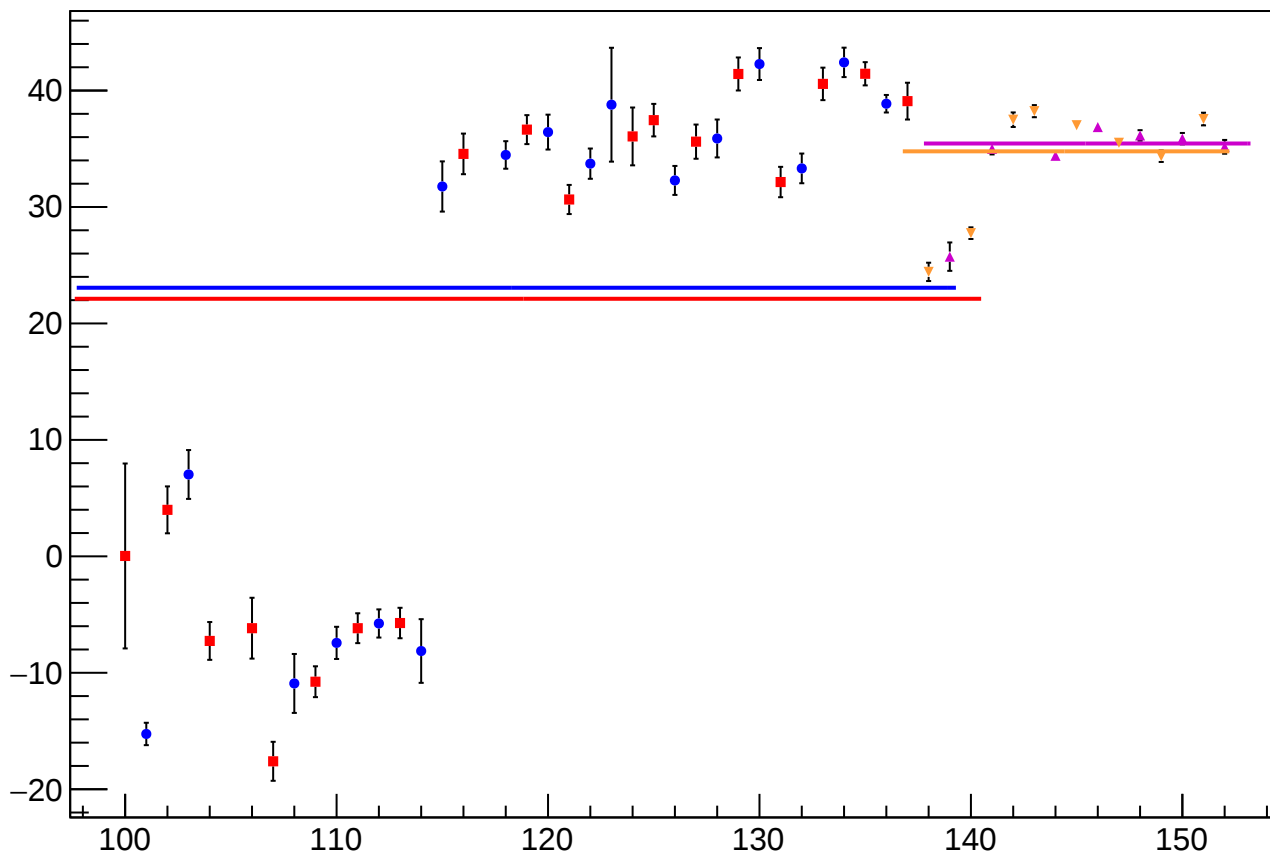
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -48.530 ± 0.198 χ^2/NDF : 1915.4/23

Out: -48.539 ± 0.202 χ^2/NDF : 1565.2/26

All: -48.534 ± 0.141 χ^2/NDF : 3480.6/50

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: 34.780 $\pm$ 0.181 χ^2 /NDF:492.3/7

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.452 $\pm$ 0.178 χ^2 /NDF:90.9/6

Left: 35.121 $\pm$ 0.127 χ^2 /NDF: 590.2/14

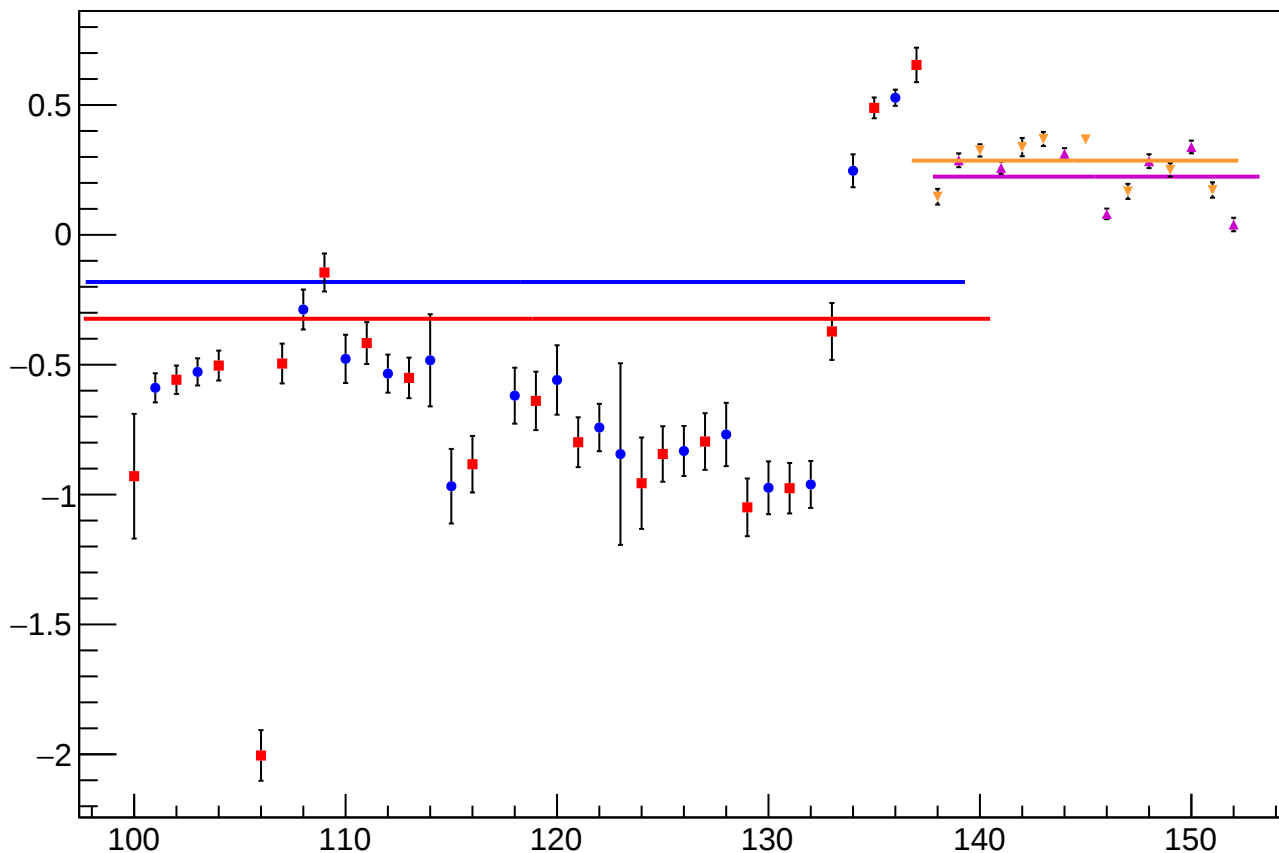
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.610 $\pm$ 0.156 χ^2 /NDF:5533.0/23

Out: 31.988 $\pm$ 0.160 χ^2 /NDF:5608.4/26

All: 32.305 $\pm$ 0.112 χ^2 /NDF: 11149.2/50

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: 0.286 ± 0.009 χ^2/NDF : 88.9/7

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.224 ± 0.009 χ^2/NDF : 150.7/6

Left: 0.255 ± 0.006 χ^2/NDF : 262.6/14

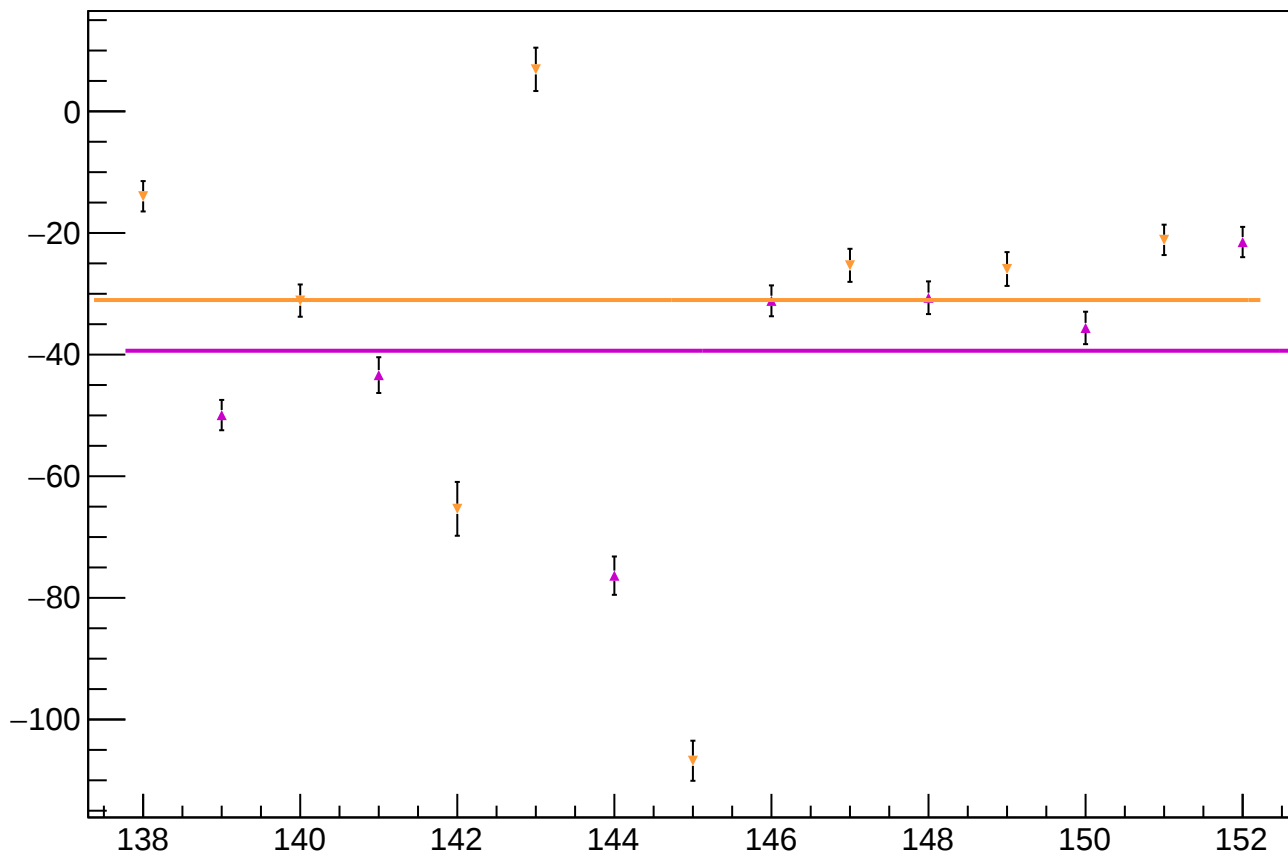
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.141 ± 0.008 χ^2/NDF : 1563.1/23

Out: 0.162 ± 0.008 χ^2/NDF : 2168.8/26

All: 0.151 ± 0.006 χ^2/NDF : 3735.3/50

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.026+/-1.026 χ^2/NDF :771.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.364+/-1.014 χ^2/NDF :231.9/6

Left: -35.246+/-0.721 χ^2/NDF : 1037.0/14

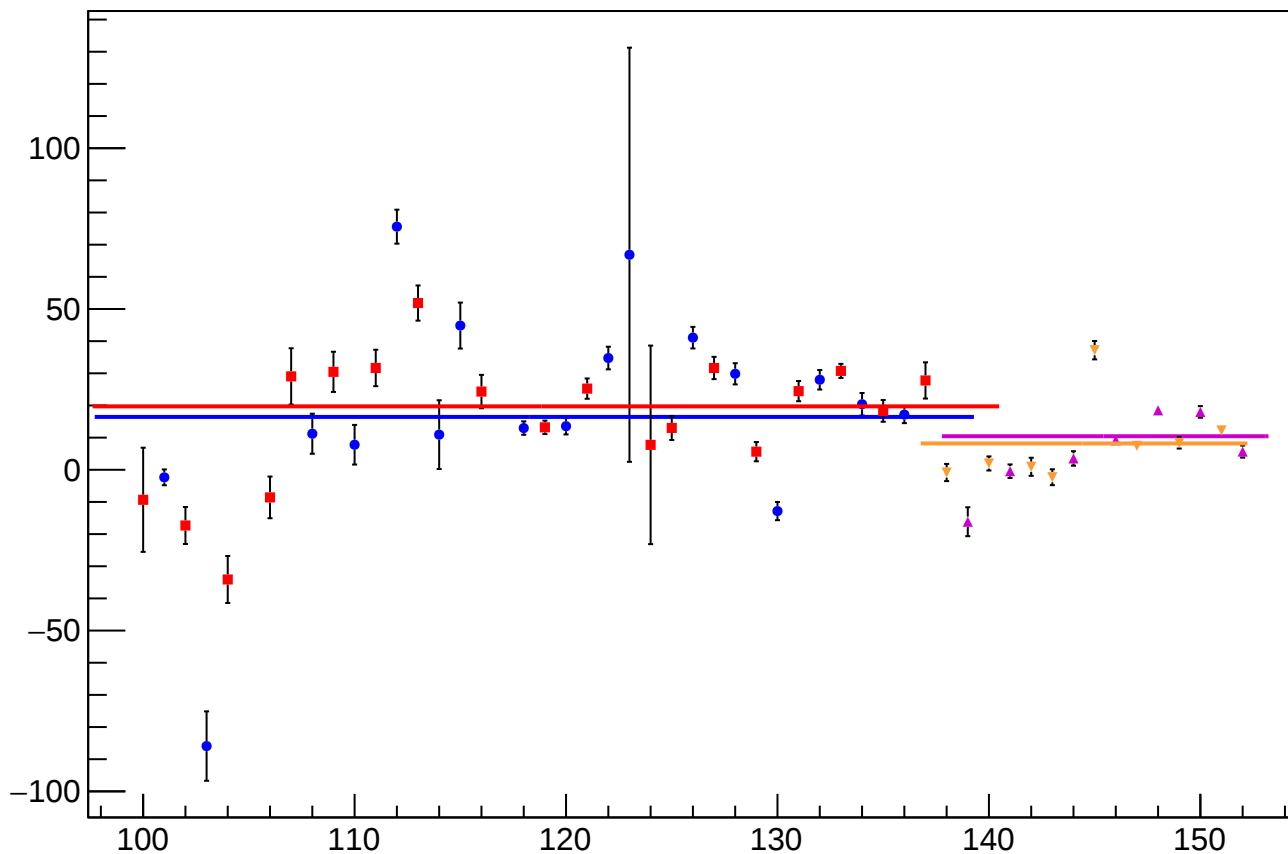
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.364+/-1.014 χ^2/NDF :231.9/6

Out: -31.026+/-1.026 χ^2/NDF :771.7/7

All: -35.246+/-0.721 χ^2/NDF : 1037.0/14

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: 8.185 $\pm$ 0.678 χ^2 /NDF:155.7/7

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 10.429 $\pm$ 0.690 χ^2 /NDF:133.6/6

Left: 9.288 $\pm$ 0.484 χ^2 /NDF: 294.7/14

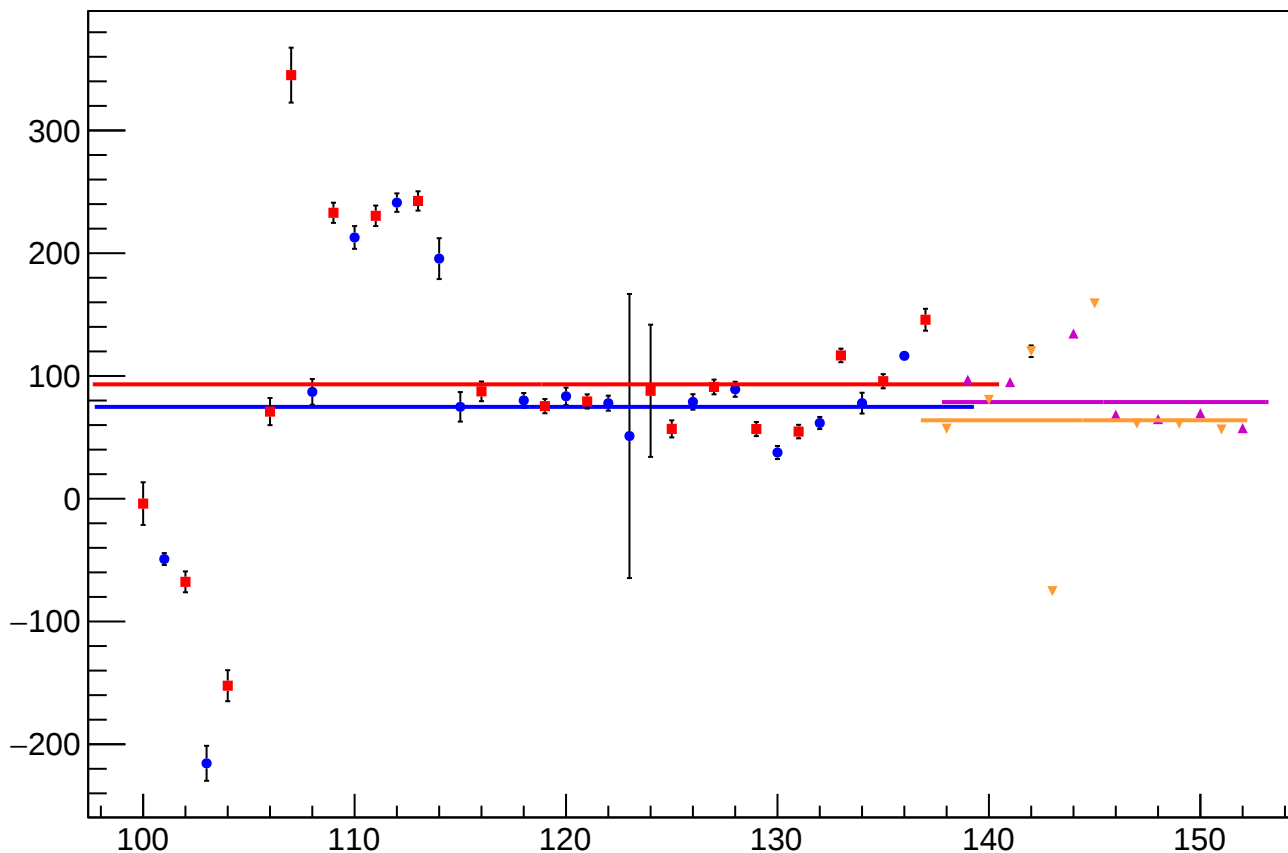
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 12.821 $\pm$ 0.535 χ^2 /NDF:680.7/23

Out: 12.378 $\pm$ 0.541 χ^2 /NDF:502.6/26

All: 12.602 $\pm$ 0.381 χ^2 /NDF: 1183.6/50

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 63.908+/-1.032 χ^2/NDF : 2306.7/7

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 78.746+/-1.005 χ^2/NDF : 487.3/6

Left: 71.529+/-0.720 χ^2/NDF : 2900.1/14

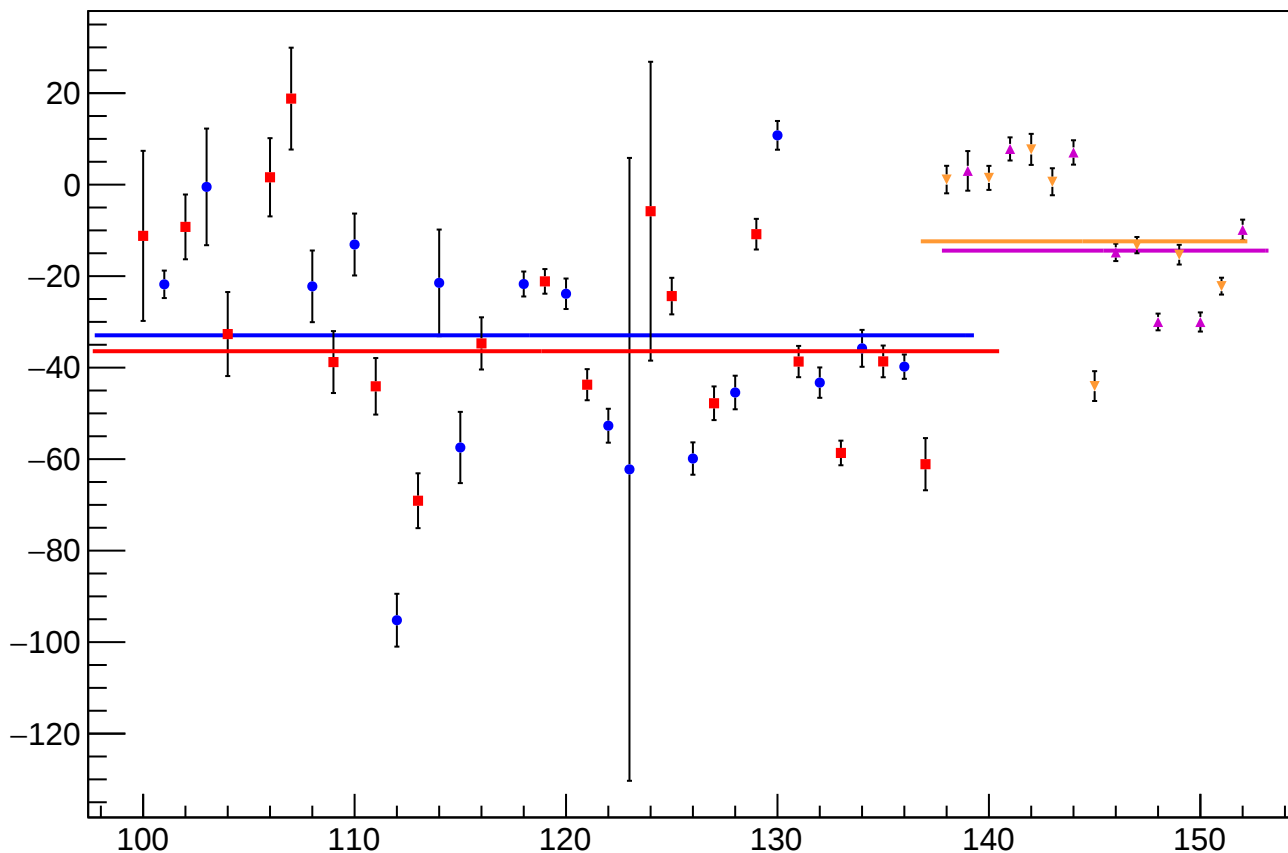
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 77.675+/-0.856 χ^2/NDF : 2488.2/23

Out: 71.721+/-0.884 χ^2/NDF : 4522.2/26

All: 74.792+/-0.615 χ^2/NDF : 7033.9/50

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: -12.392 ± 0.852 $\chi^2/\text{NDF}: 227.0/7$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -14.423 ± 0.858 $\chi^2/\text{NDF}: 290.9/6$

Left: -13.400 ± 0.605 $\chi^2/\text{NDF}: 520.8/14$

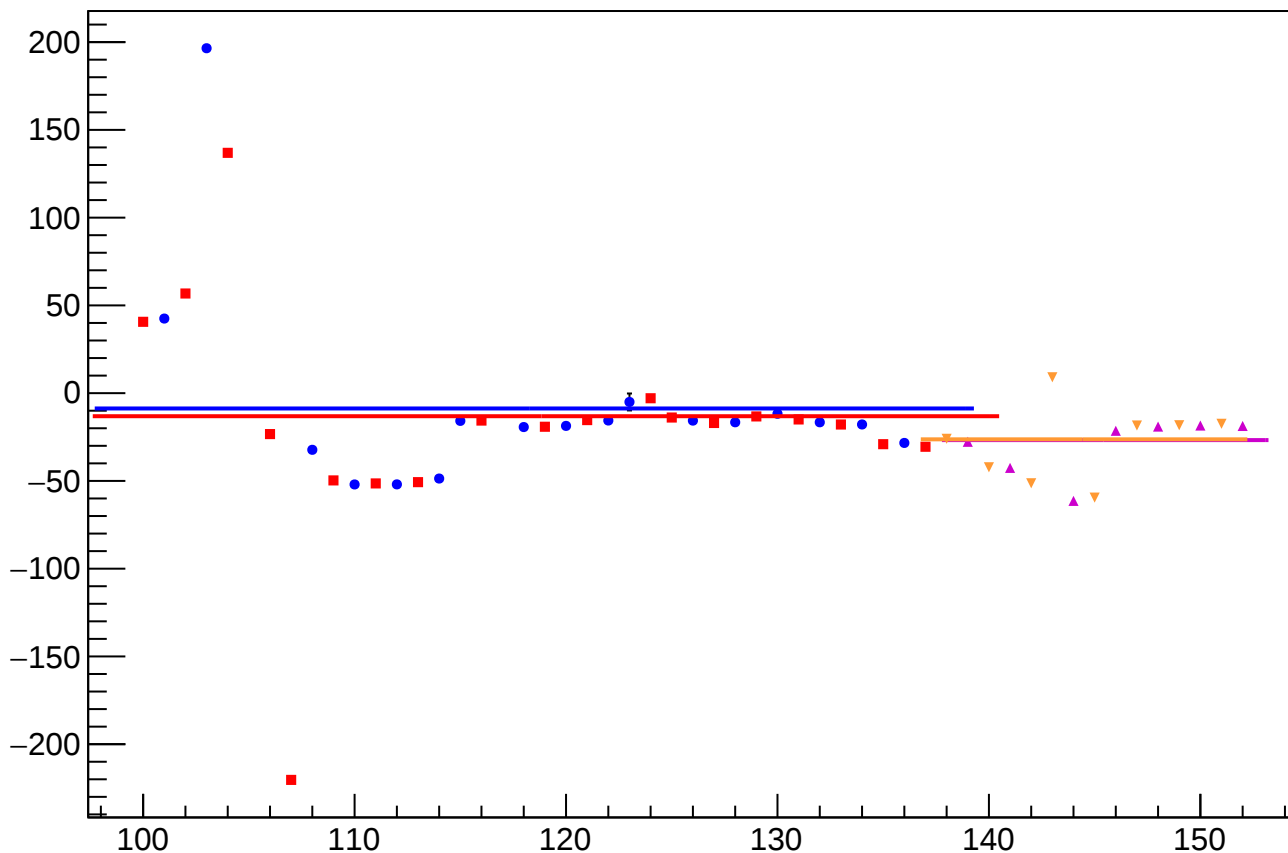
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -22.522 ± 0.644 $\chi^2/\text{NDF}: 985.2/23$

Out: -22.209 ± 0.655 $\chi^2/\text{NDF}: 846.7/26$

All: -22.368 ± 0.459 $\chi^2/\text{NDF}: 1832.0/50$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -26.309 ± 0.044 χ^2/NDF : 164899.7/7

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -26.744 ± 0.041 χ^2/NDF : 91289.0/6

Left: -26.538 ± 0.030 χ^2/NDF : 256241.0/14

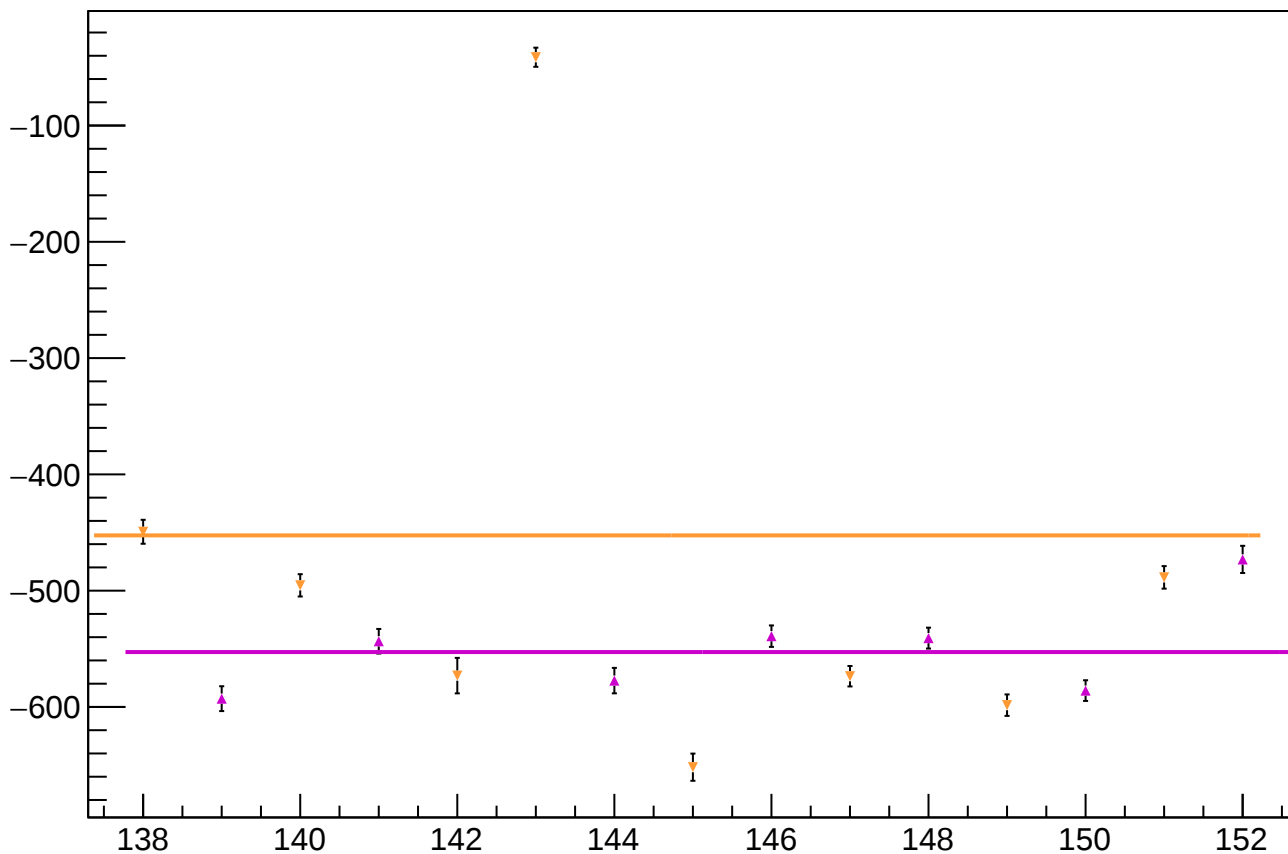
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -20.766 ± 0.034 χ^2/NDF : 729757.4/23

Out: -21.917 ± 0.036 χ^2/NDF : 753865.7/26

All: -21.313 ± 0.025 χ^2/NDF : 1484169.9/50

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -452.461+/-3.492 χ^2/NDF :3326.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.796+/-3.776 χ^2/NDF :84.2/6

Left: -498.710+/-2.564 χ^2/NDF : 3791.0/14

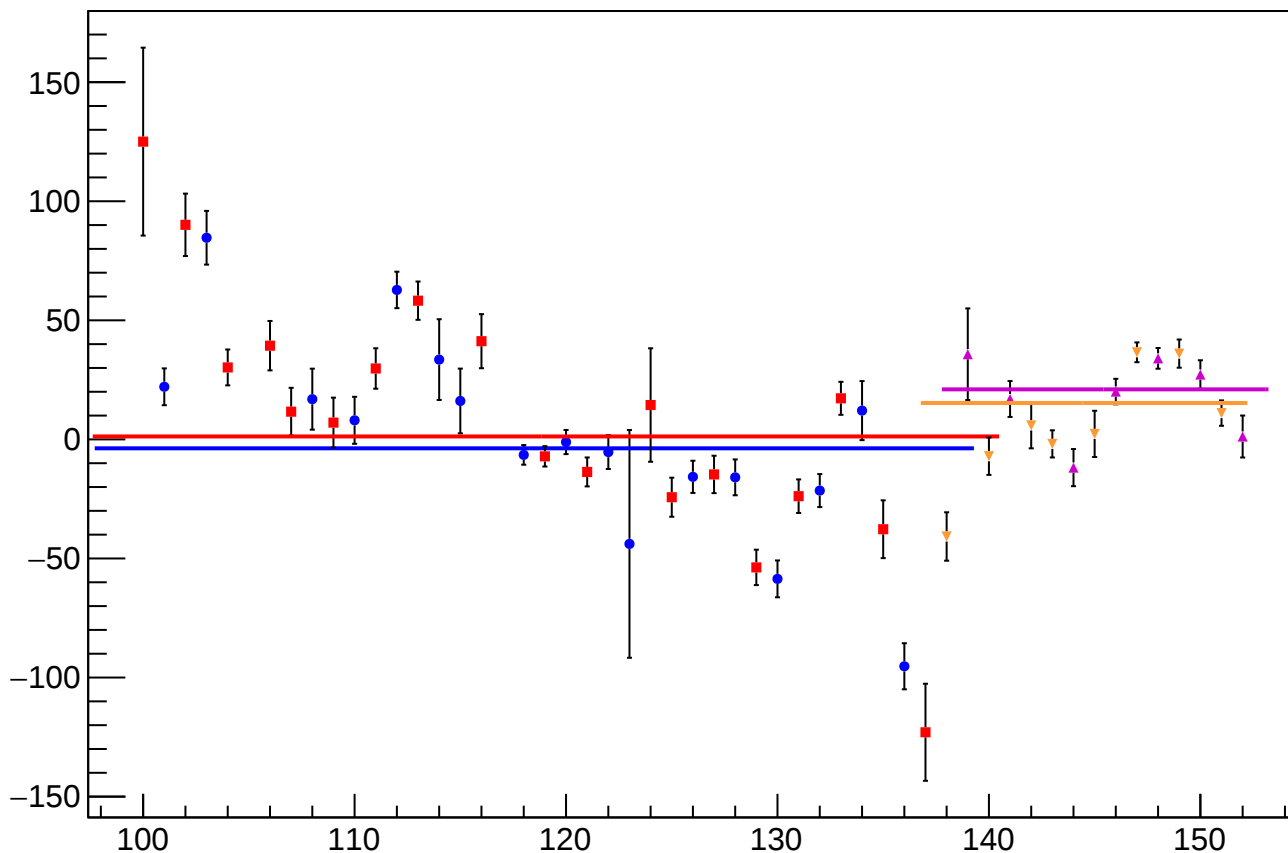
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.796+/-3.776 χ^2/NDF :84.2/6

Out: -452.461+/-3.492 χ^2/NDF :3326.2/7

All: -498.710+/-2.564 χ^2/NDF : 3791.0/14

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 15.291 ± 2.239 χ^2/NDF : 89.4/7

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 21.009 ± 2.462 χ^2/NDF : 33.7/6

Left: 17.880 ± 1.656 χ^2/NDF : 126.1/14

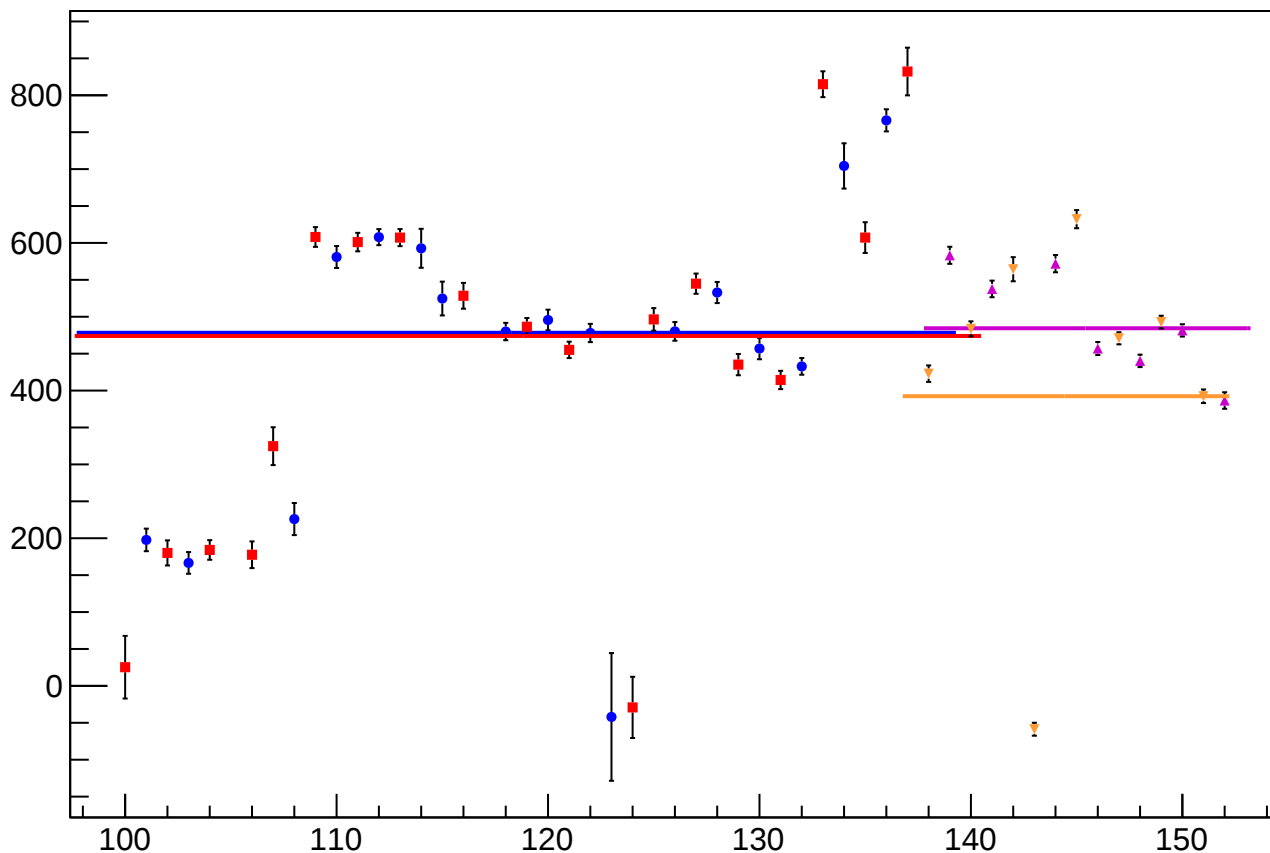
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.449 ± 1.500 χ^2/NDF : 411.4/23

Out: 7.180 ± 1.456 χ^2/NDF : 415.7/26

All: 6.340 ± 1.045 χ^2/NDF : 827.8/50

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: 392.372 $\pm$ 3.514 χ^2 /NDF:3447.8/7

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 484.419 $\pm$ 3.725 χ^2 /NDF:264.9/6

Left: 435.719 $\pm$ 2.556 χ^2 /NDF: 4035.8/14

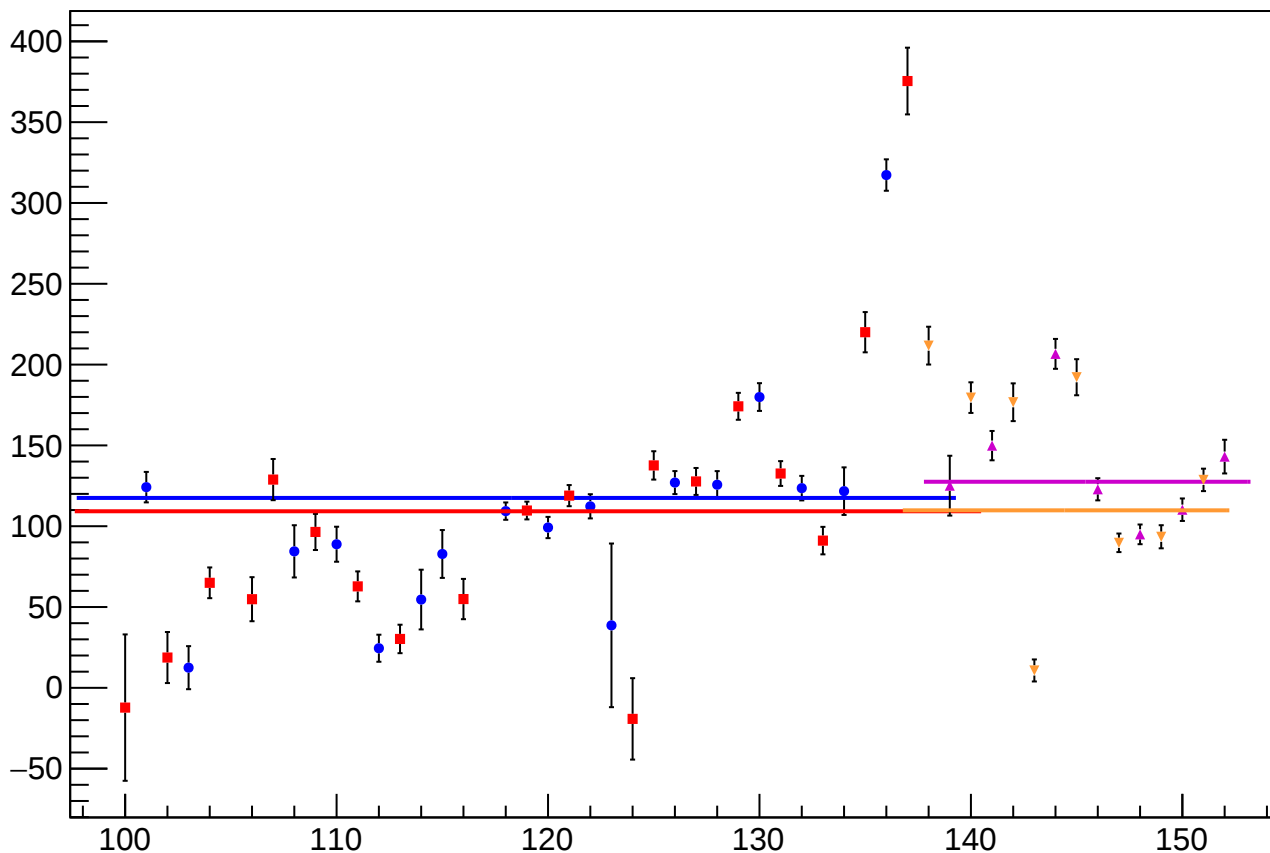
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 481.269 $\pm$ 2.603 χ^2 /NDF:1894.2/23

Out: 433.004 $\pm$ 2.490 χ^2 /NDF:6004.6/26

All: 456.071 $\pm$ 1.799 χ^2 /NDF: 8078.4/50

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 109.823 ± 2.818 $\chi^2/\text{NDF}: 453.4/7$

Right Out: 109.247 ± 2.206 $\chi^2/\text{NDF}: 569.4/18$

Left In: 127.506 ± 3.089 $\chi^2/\text{NDF}: 116.7/6$

Left: 117.854 ± 2.082 $\chi^2/\text{NDF}: 587.9/14$

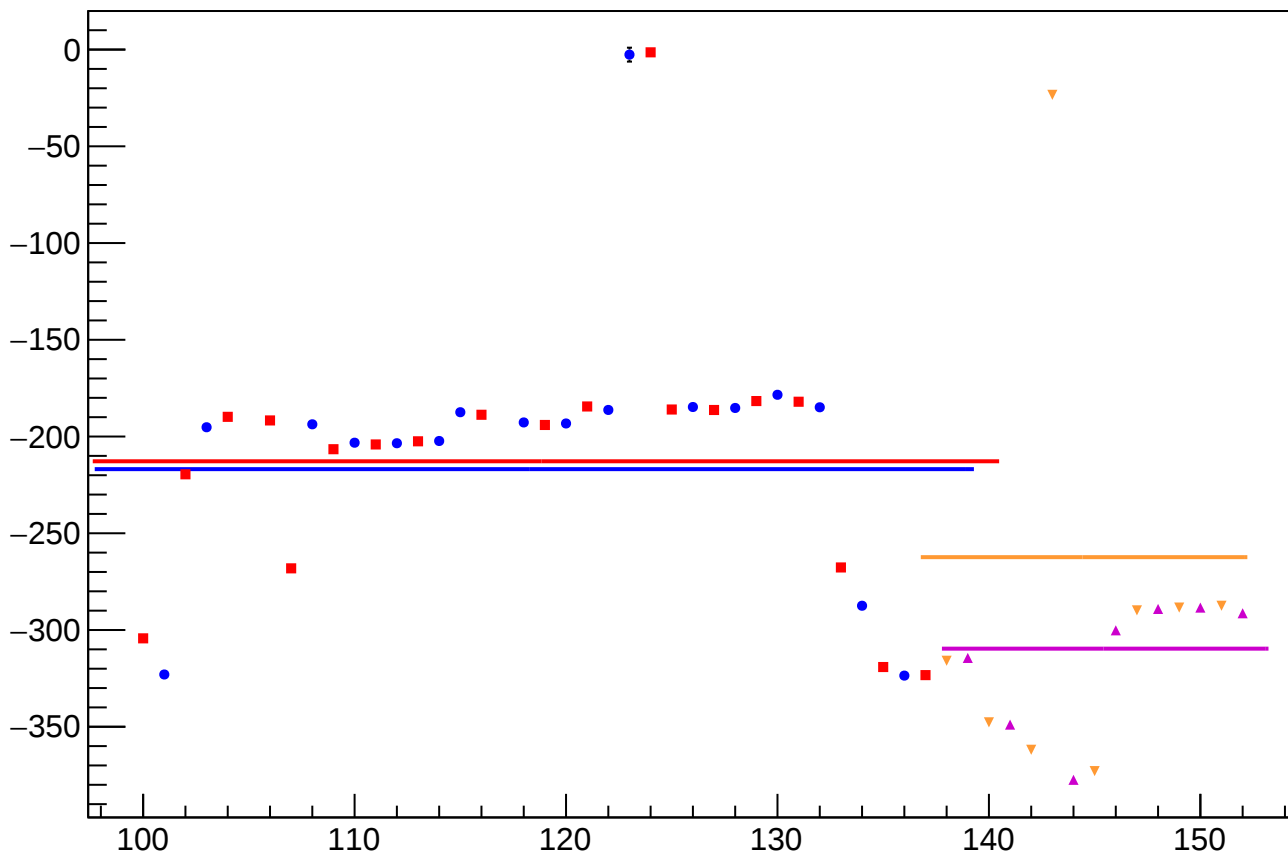
Right: 113.390 ± 1.557 $\chi^2/\text{NDF}: 1282.4/35$

In: 120.864 ± 1.791 $\chi^2/\text{NDF}: 829.6/23$

Out: 109.466 ± 1.737 $\chi^2/\text{NDF}: 1022.8/26$

All: 114.991 ± 1.247 $\chi^2/\text{NDF}: 1873.2/50$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -262.348+/-0.149 χ^2/NDF : 599943.3/7

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -309.635+/-0.156 χ^2/NDF : 34125.0/6

Left: -285.046+/-0.108 χ^2/NDF : 682125.2/14

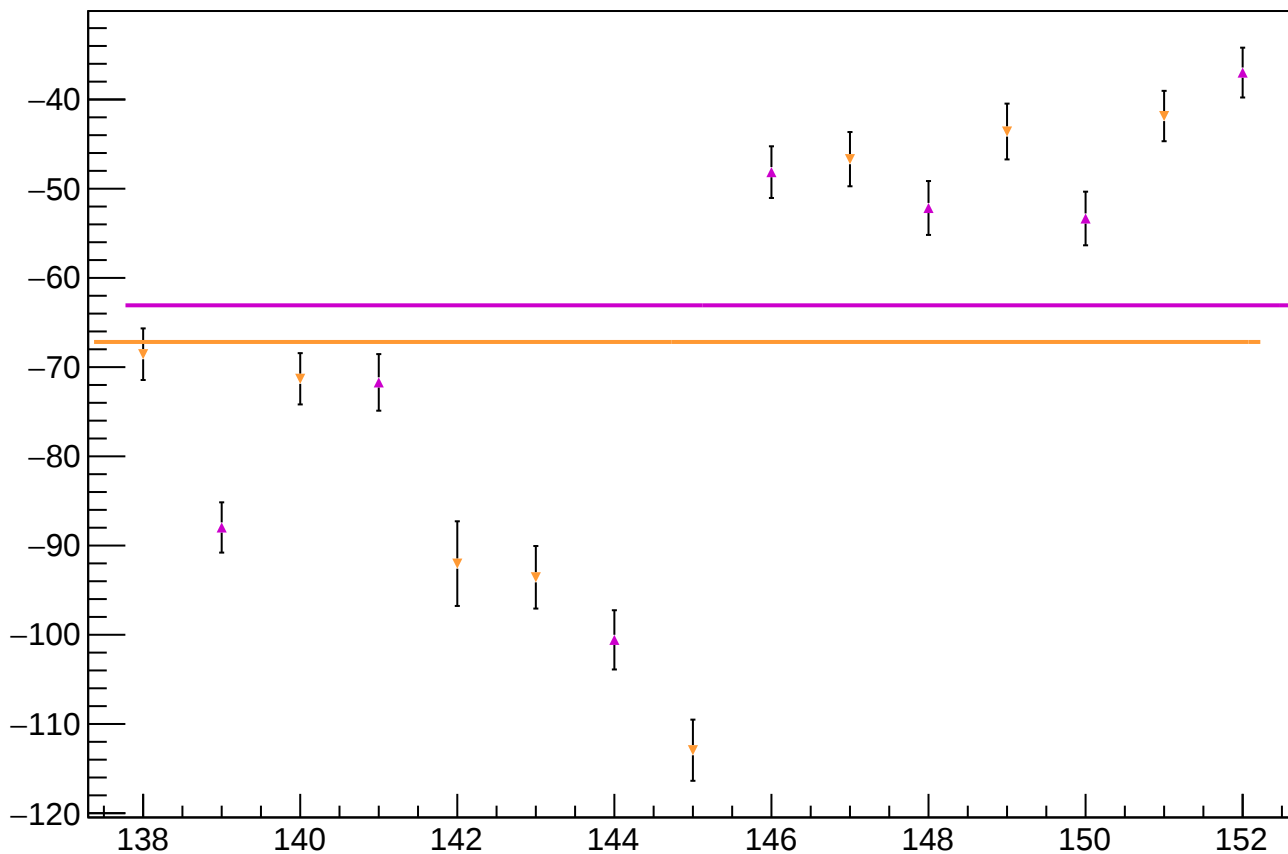
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -257.005+/-0.102 χ^2/NDF : 382873.8/23

Out: -234.151+/-0.098 χ^2/NDF : 779098.4/26

All: -245.098+/-0.071 χ^2/NDF : 1187962.6/50

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -67.179+/-1.127 χ^2/NDF :447.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.072+/-1.130 χ^2/NDF :350.4/6

Left: -65.130+/-0.798 χ^2/NDF : 804.3/14

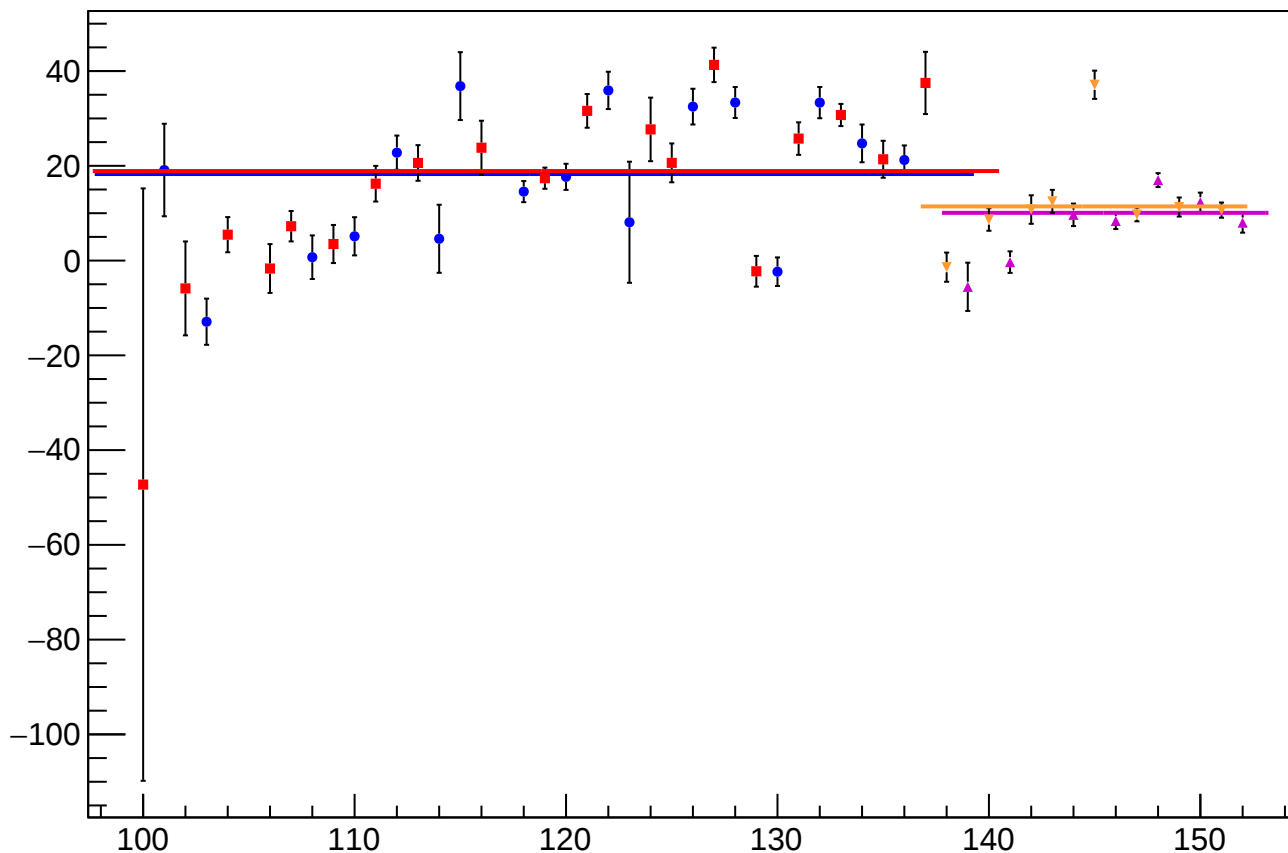
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.072+/-1.130 χ^2/NDF :350.4/6

Out: -67.179+/-1.127 χ^2/NDF :447.3/7

All: -65.130+/-0.798 χ^2/NDF : 804.3/14

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 11.433 ± 0.747 χ^2/NDF : 94.7/7

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 10.077 ± 0.771 χ^2/NDF : 55.6/6

Left: 10.777 ± 0.537 χ^2/NDF : 151.9/14

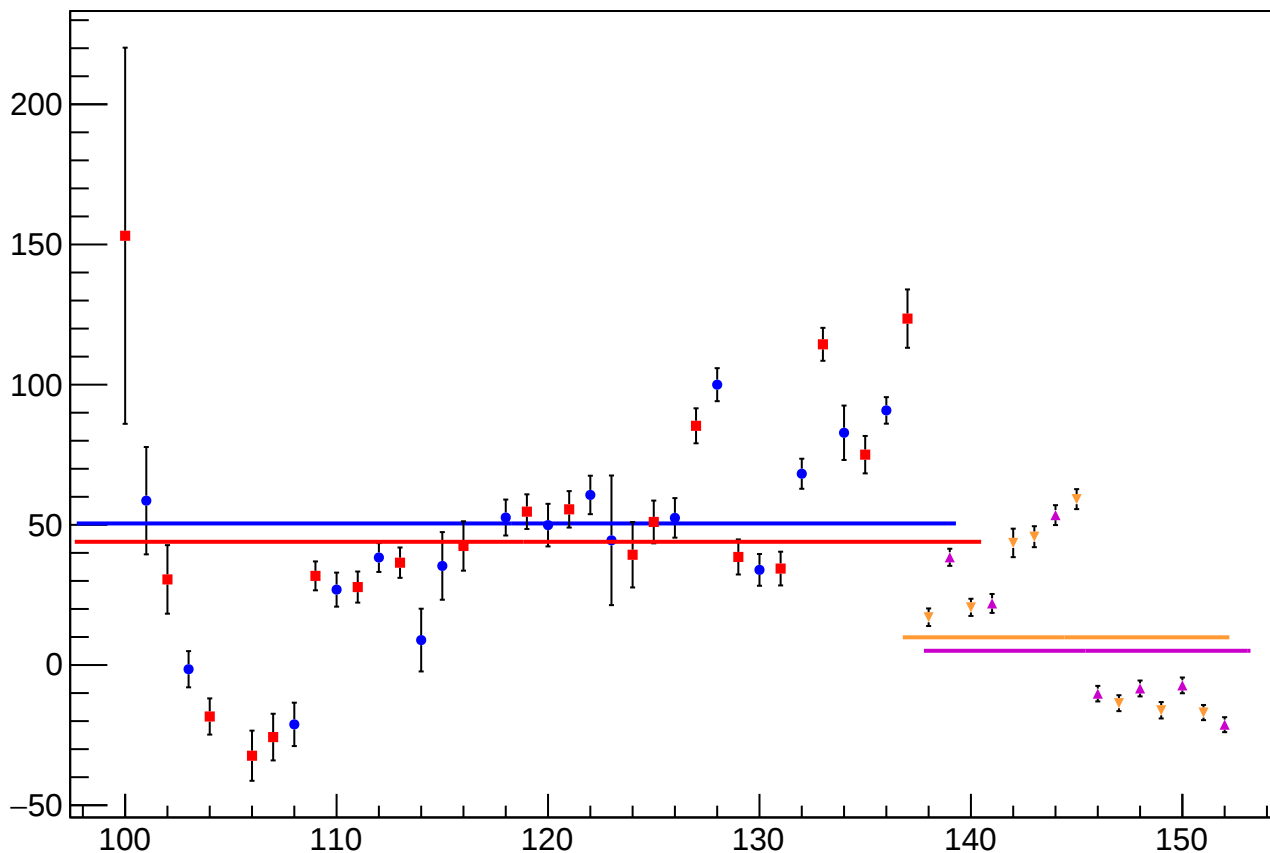
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 13.516 ± 0.588 χ^2/NDF : 311.3/23

Out: 14.626 ± 0.565 χ^2/NDF : 336.7/26

All: 14.092 ± 0.407 χ^2/NDF : 649.8/50

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: 9.887 $\pm$ 1.136 χ^2 /NDF:591.2/7

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 5.084 $\pm$ 1.121 χ^2 /NDF:499.6/6

Left: 7.454 $\pm$ 0.798 χ^2 /NDF: 1099.9/14

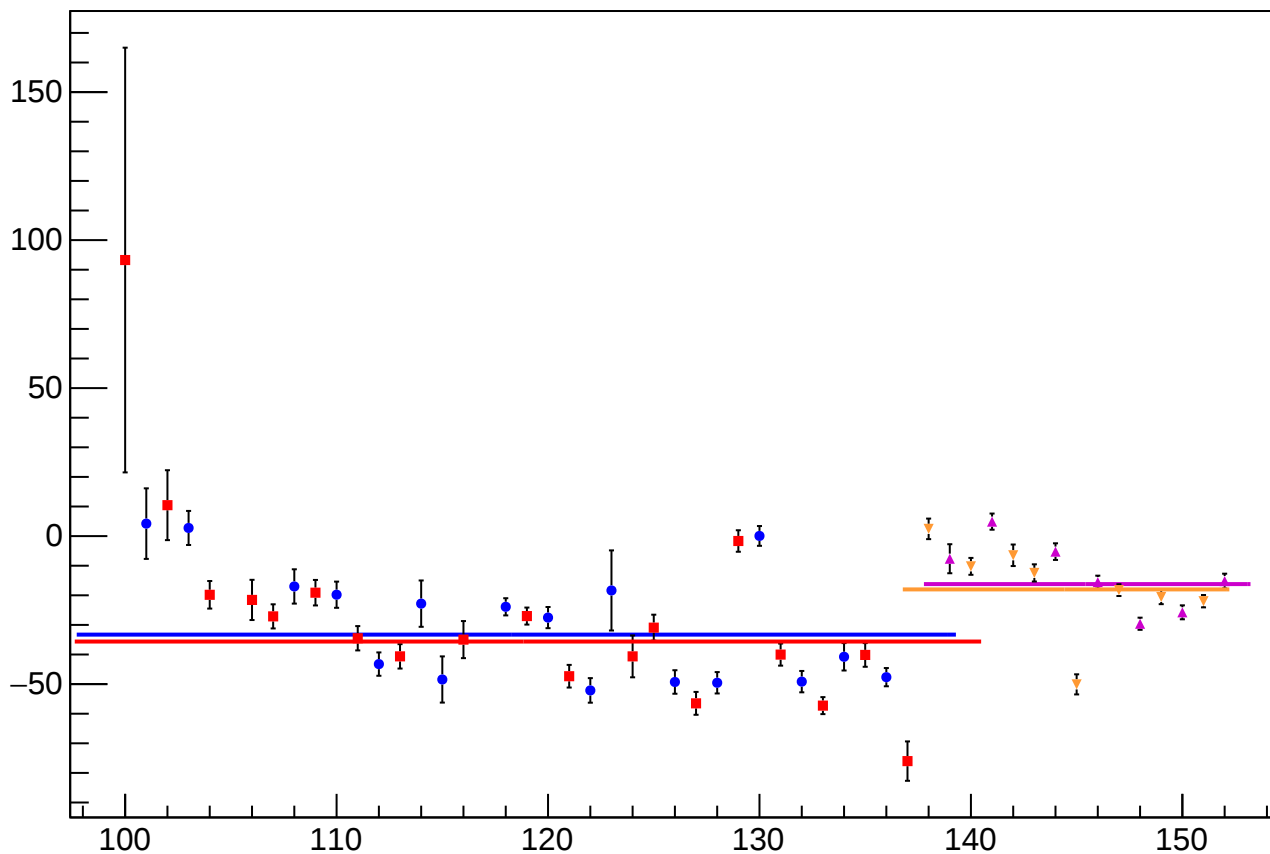
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 19.181 $\pm$ 0.931 χ^2 /NDF:1372.2/23

Out: 21.273 $\pm$ 0.927 χ^2 /NDF:1426.2/26

All: 20.232 $\pm$ 0.657 χ^2 /NDF: 2801.0/50

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -18.008 ± 0.937 $\chi^2/\text{NDF}: 149.9/7$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -16.209 ± 0.958 $\chi^2/\text{NDF}: 137.3/6$

Left: -17.128 ± 0.670 $\chi^2/\text{NDF}: 289.0/14$

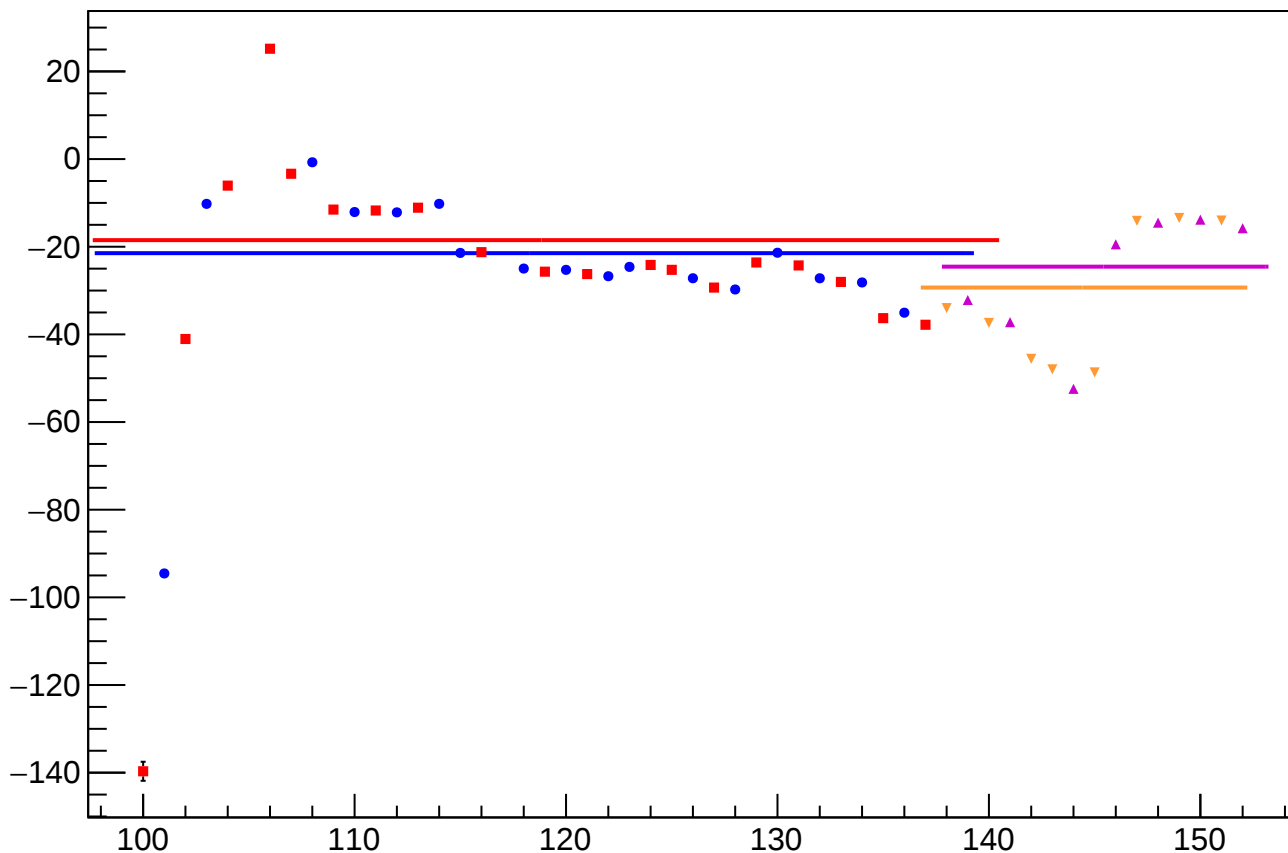
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -24.086 ± 0.703 $\chi^2/\text{NDF}: 576.8/23$

Out: -26.306 ± 0.681 $\chi^2/\text{NDF}: 604.1/26$

All: -25.231 ± 0.489 $\chi^2/\text{NDF}: 1186.1/50$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 $\pm$ 0.059 χ^2 /NDF: 48979.5/16

Left Out: -29.311 $\pm$ 0.048 χ^2 /NDF: 91822.6/7

Right Out: -18.496 $\pm$ 0.057 χ^2 /NDF: 80700.9/18

Left In: -24.546 $\pm$ 0.046 χ^2 /NDF: 69066.5/6

Left: -26.843 $\pm$ 0.033 χ^2 /NDF: 165995.1/14

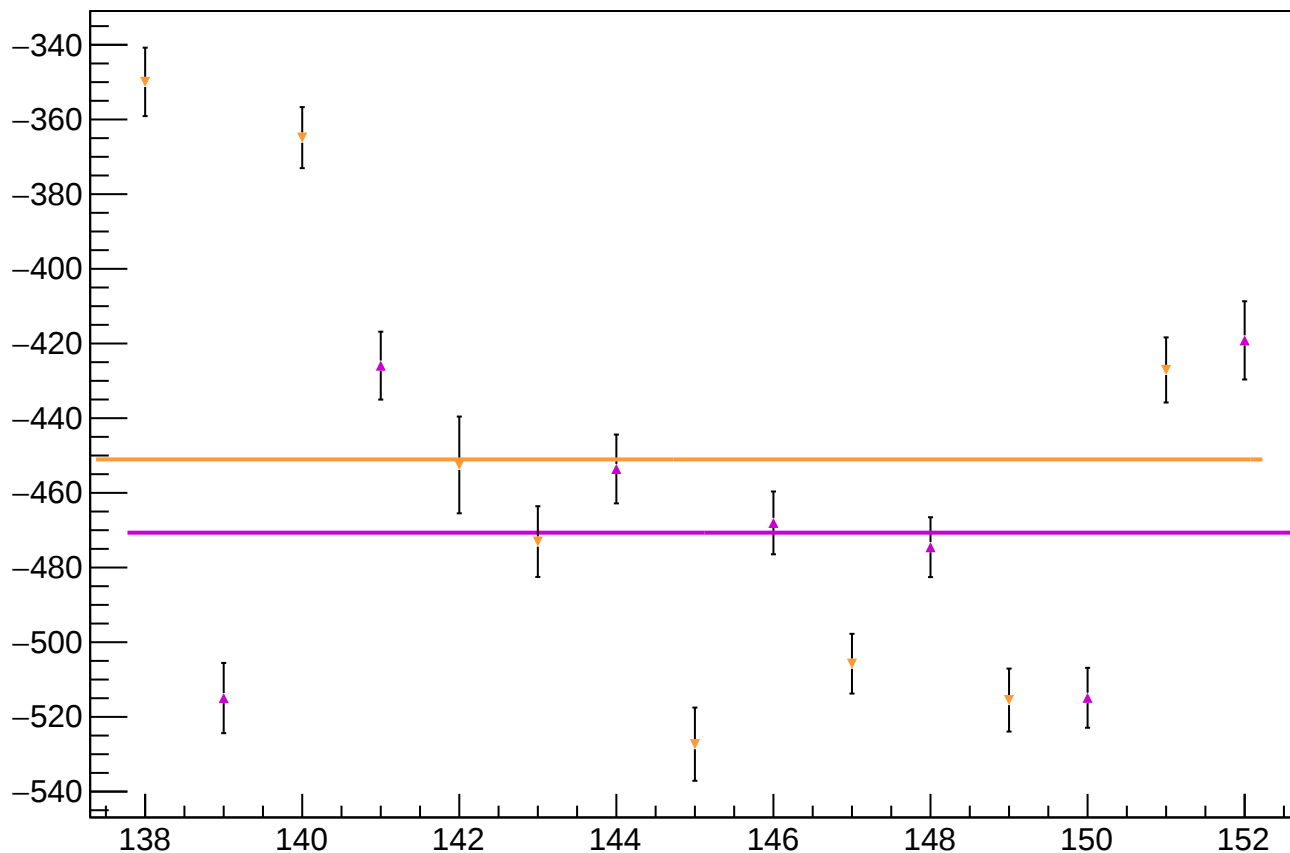
Right: -19.947 $\pm$ 0.041 χ^2 /NDF: 130991.7/35

In: -23.367 $\pm$ 0.036 χ^2 /NDF: 119739.3/23

Out: -24.858 $\pm$ 0.037 χ^2 /NDF: 193435.6/26

All: -24.103 $\pm$ 0.026 χ^2 /NDF: 314004.9/50

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -451.049+/-3.207 χ^2/NDF :411.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -470.662+/-3.342 χ^2/NDF :104.7/6

Left: -460.451+/-2.314 χ^2/NDF : 534.1/14

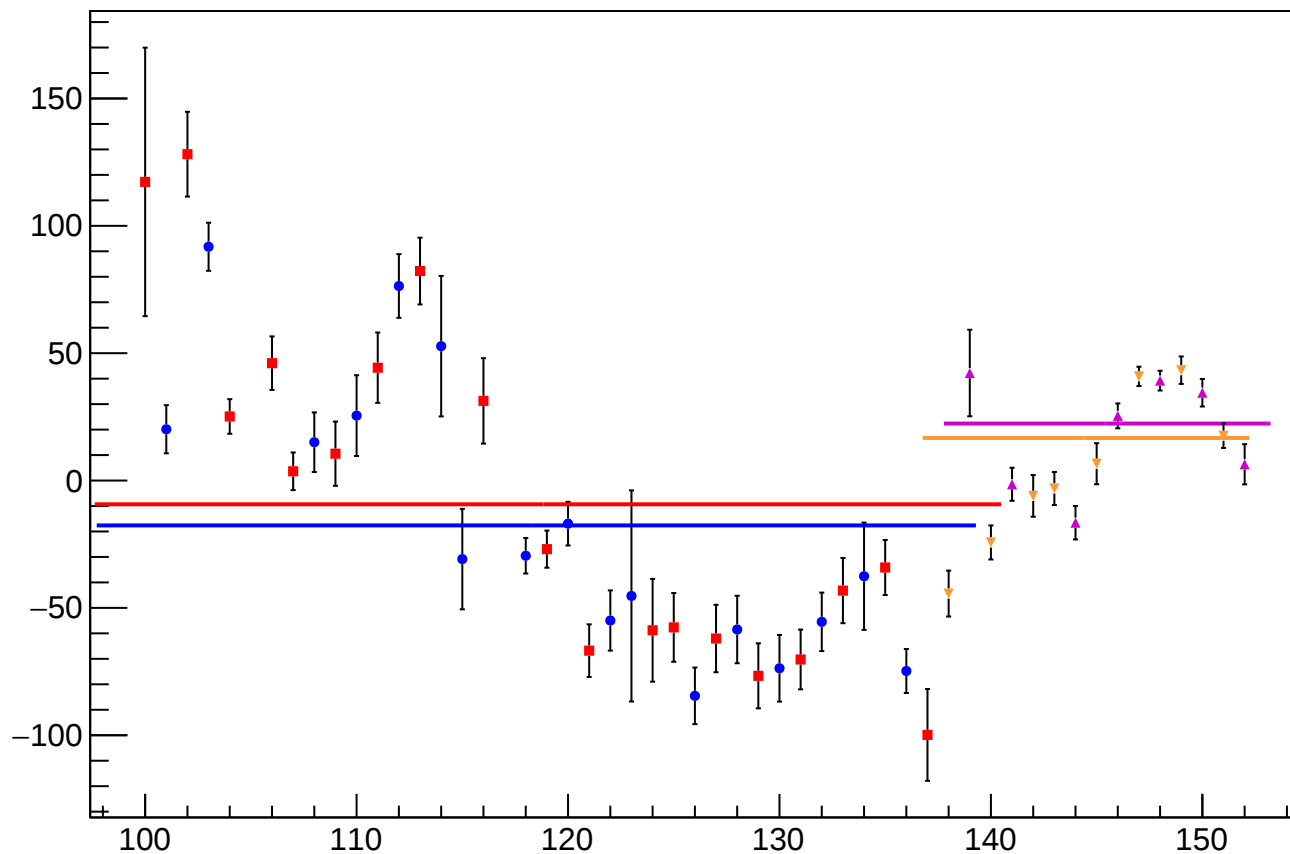
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -470.662+/-3.342 χ^2/NDF :104.7/6

Out: -451.049+/-3.207 χ^2/NDF :411.5/7

All: -460.451+/-2.314 χ^2/NDF : 534.1/14

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: 16.720 ± 2.059 $\chi^2/\text{NDF}: 167.3/7$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 22.373 ± 2.187 $\chi^2/\text{NDF}: 78.4/6$

Left: 19.376 ± 1.499 $\chi^2/\text{NDF}: 249.3/14$

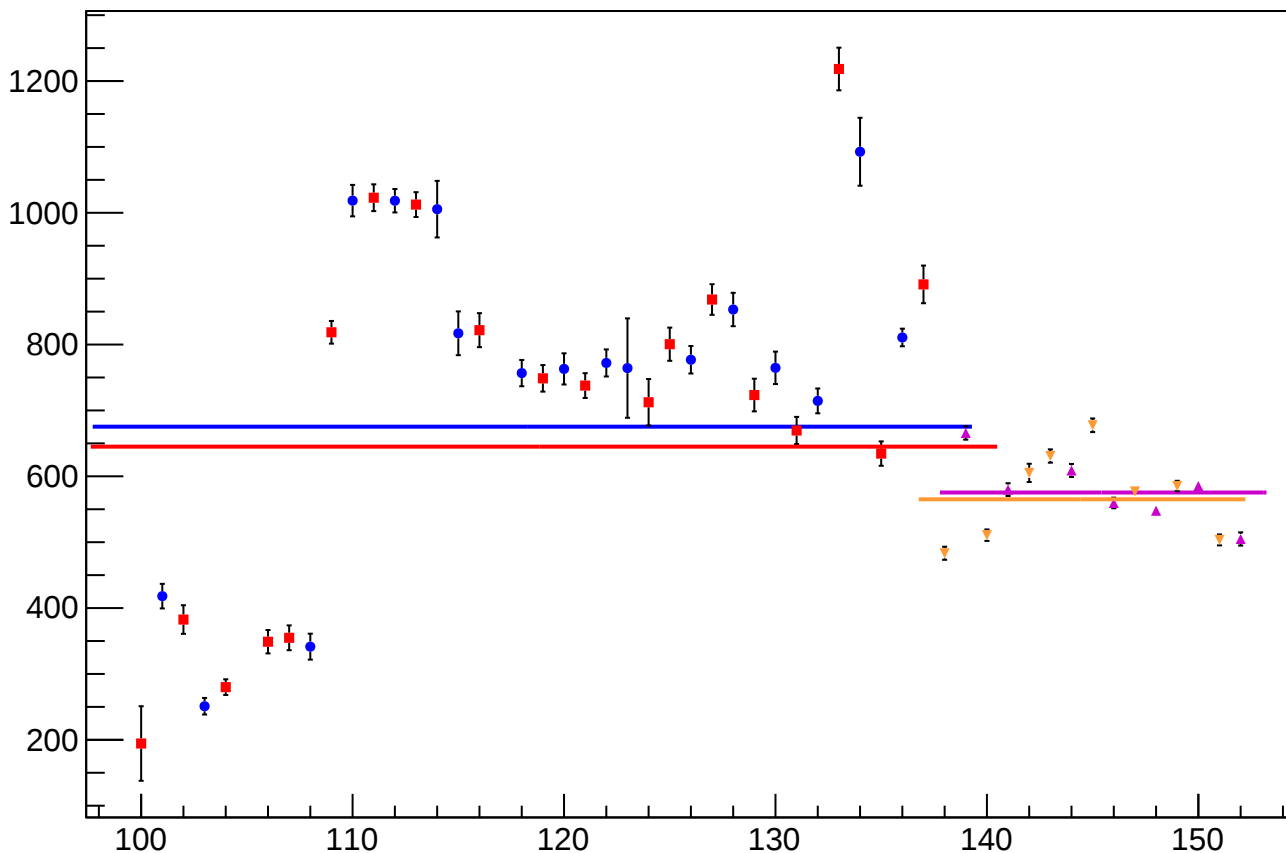
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 7.125 ± 1.720 $\chi^2/\text{NDF}: 567.9/23$

Out: 6.725 ± 1.616 $\chi^2/\text{NDF}: 595.2/26$

All: 6.912 ± 1.178 $\chi^2/\text{NDF}: 1163.1/50$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 565.094+/-3.224 χ^2/NDF : 339.9/7

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 575.425+/-3.305 χ^2/NDF : 159.1/6

Left: 570.131+/-2.308 χ^2/NDF : 504.0/14

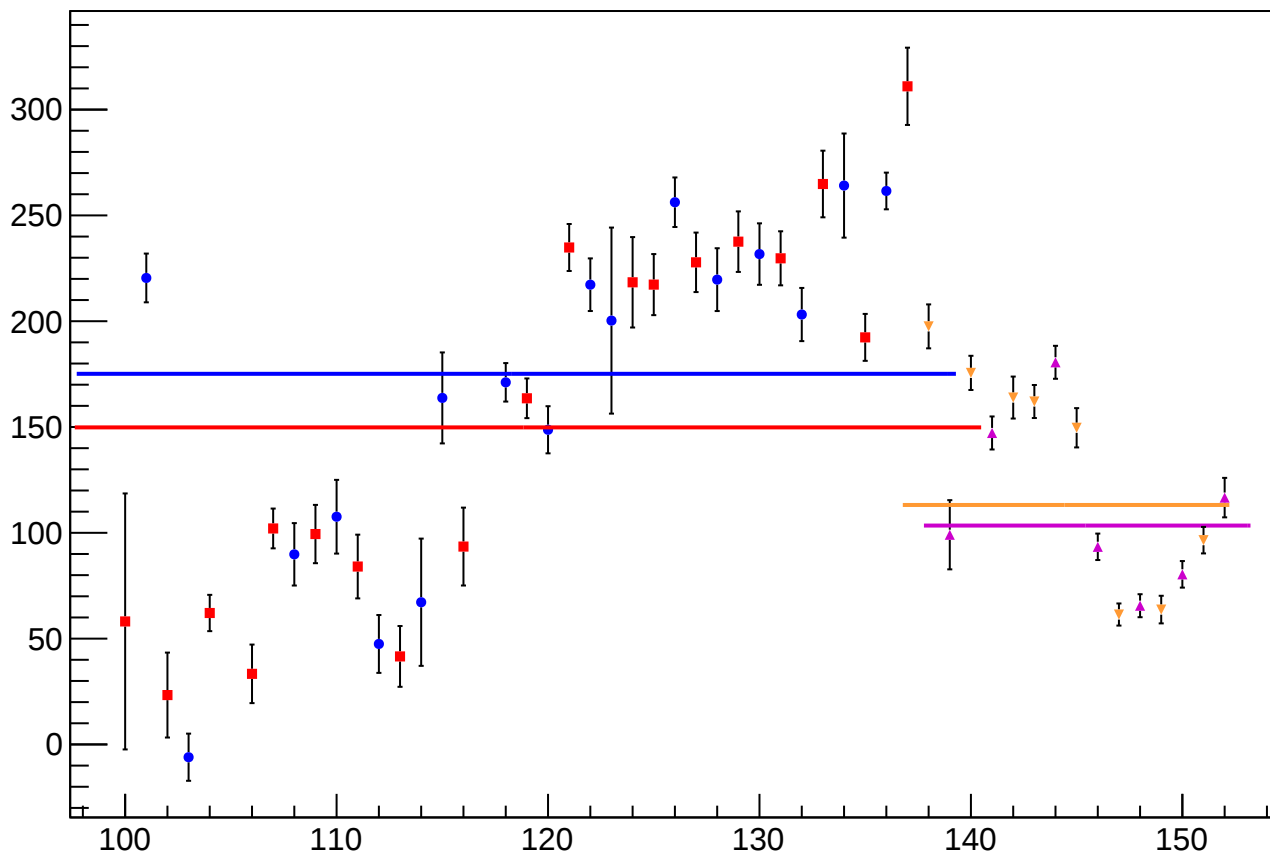
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 605.426+/-2.765 χ^2/NDF : 3016.2/23

Out: 590.249+/-2.669 χ^2/NDF : 3656.1/26

All: 597.570+/-1.920 χ^2/NDF : 6687.9/50

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: 113.164 $\pm$ 2.596 χ^2/NDF : 369.2/7

Right Out: 149.822 $\pm$ 3.041 χ^2/NDF : 688.5/18

Left In: 103.433 $\pm$ 2.742 χ^2/NDF : 196.3/6

Left: 108.564 $\pm$ 1.885 χ^2/NDF : 572.1/14

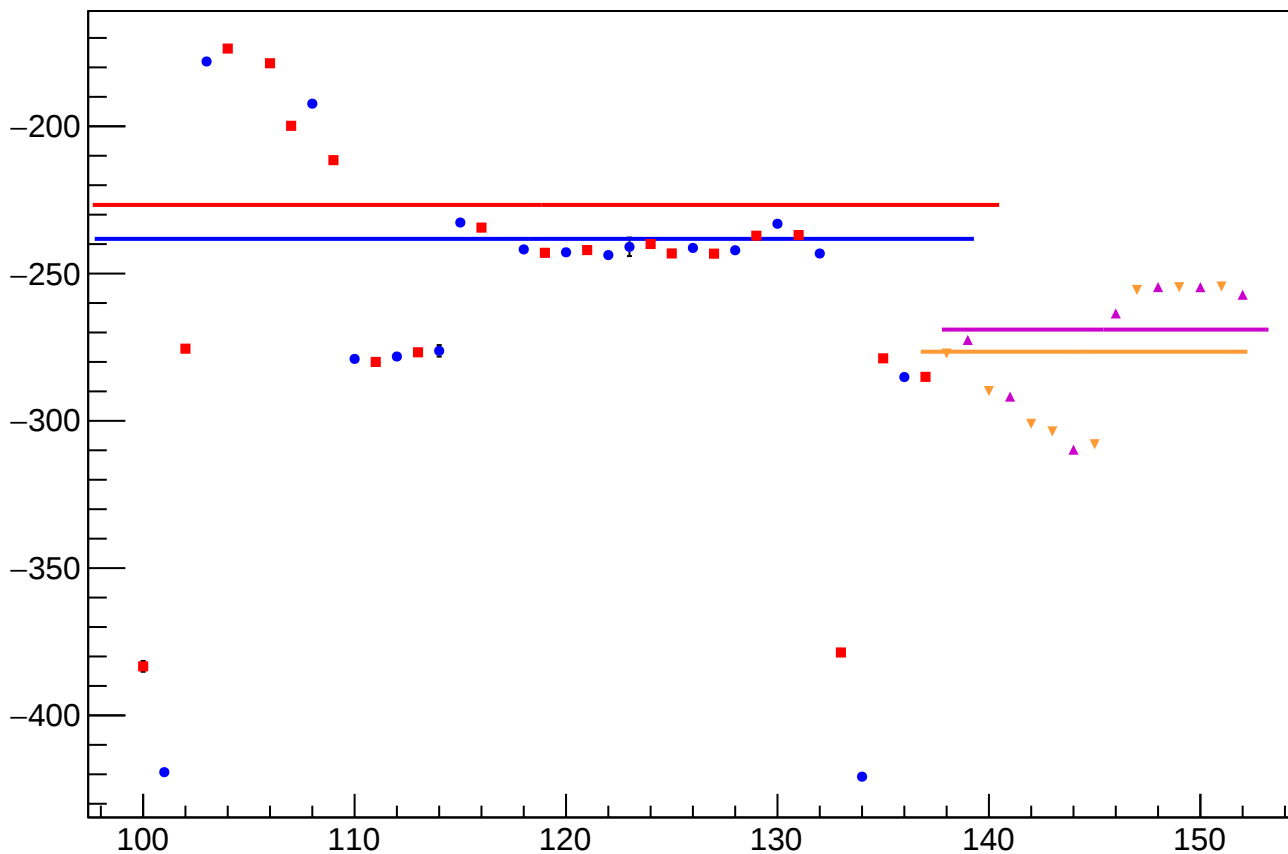
Right: 161.803 $\pm$ 2.208 χ^2/NDF : 1356.9/35

In: 133.690 $\pm$ 2.085 χ^2/NDF : 1120.5/23

Out: 128.614 $\pm$ 1.975 χ^2/NDF : 1141.8/26

All: 131.015 $\pm$ 1.434 χ^2/NDF : 2265.4/50

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -276.523+/-0.138 χ^2/NDF : 24925.8/7

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -269.023+/-0.138 χ^2/NDF : 17577.5/6

Left: -272.783+/-0.097 χ^2/NDF : 43985.9/14

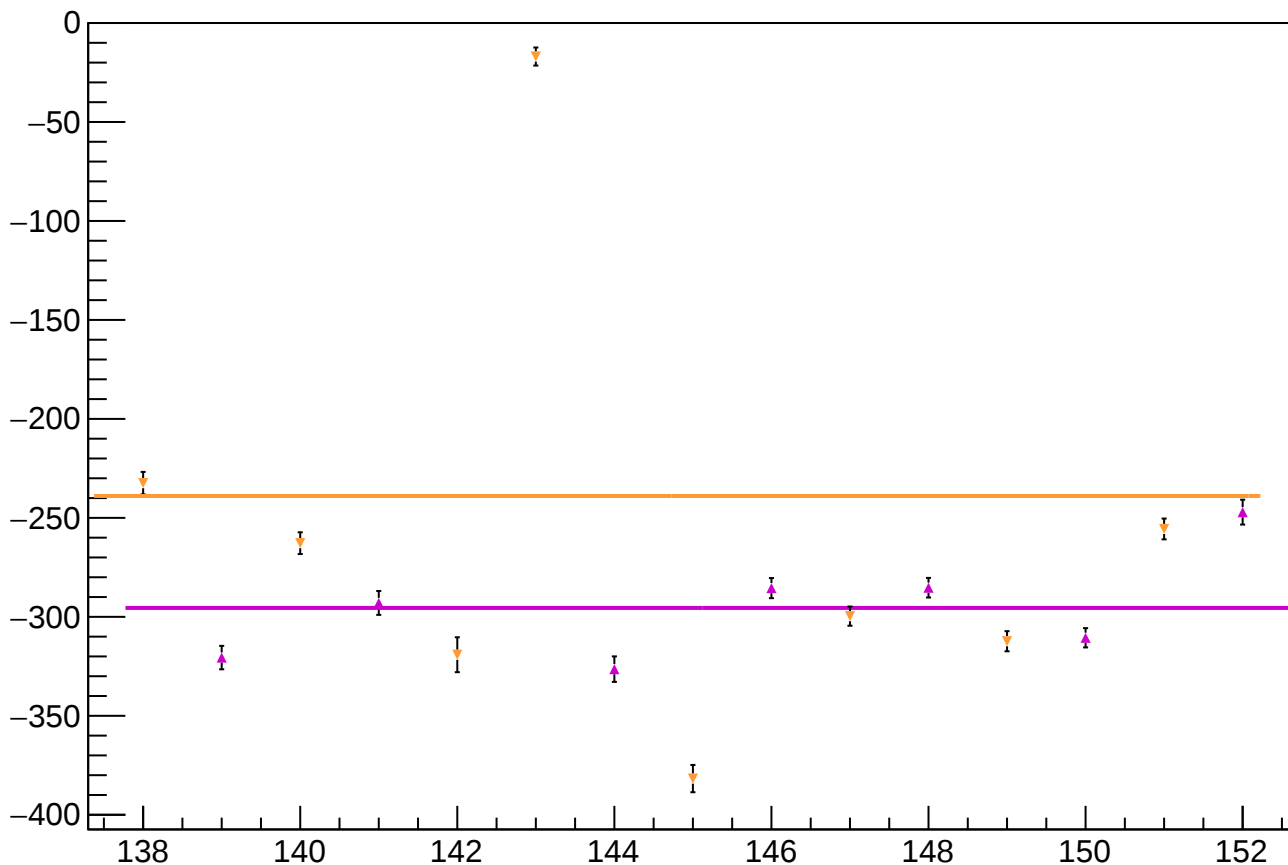
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -255.898+/-0.104 χ^2/NDF : 205936.0/23

Out: -253.937+/-0.102 χ^2/NDF : 187227.2/26

All: -254.891+/-0.073 χ^2/NDF : 393344.0/50

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: -238.944+/-1.947 χ^2/NDF : 3275.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -295.497+/-2.099 χ^2/NDF : 118.2/6

Left: -265.106+/-1.428 χ^2/NDF : 3783.3/14

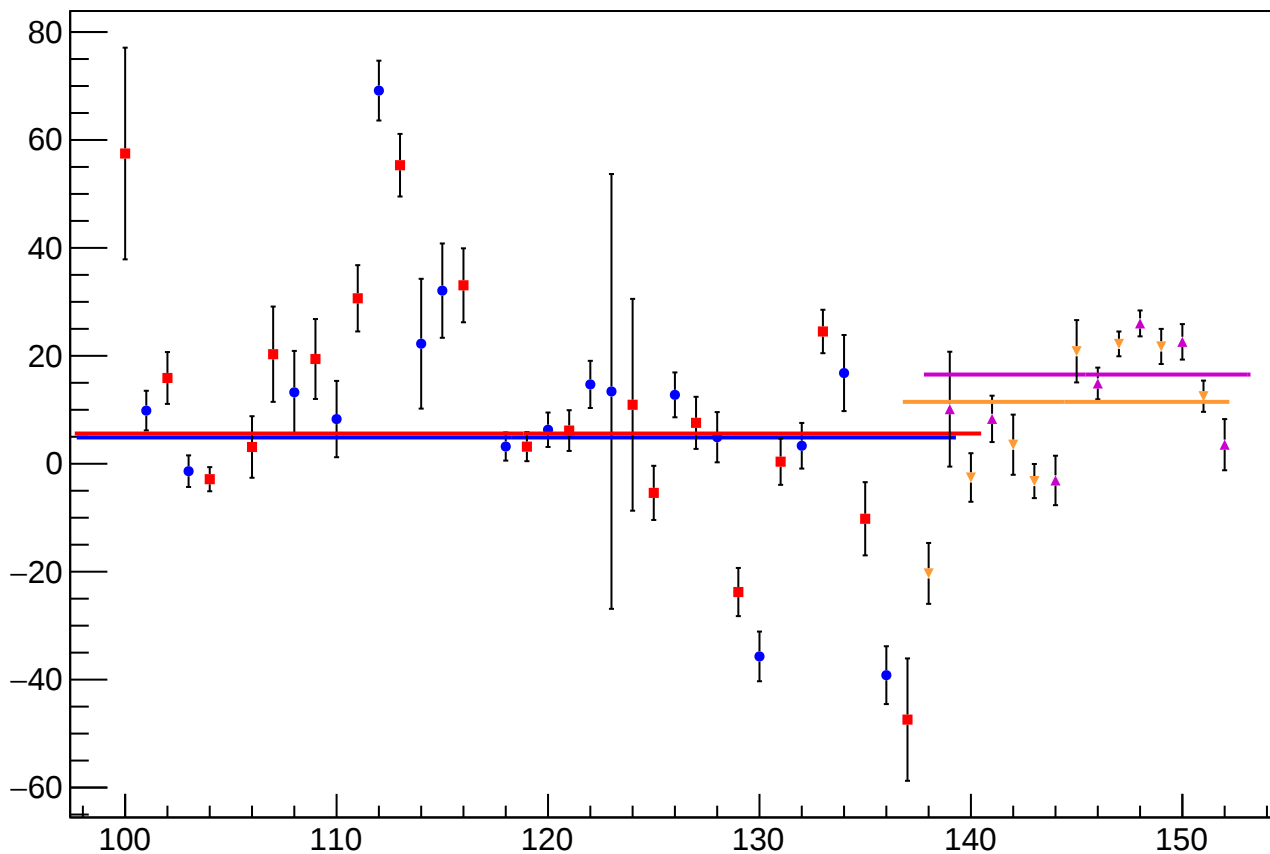
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.497+/-2.099 χ^2/NDF : 118.2/6

Out: -238.944+/-1.947 χ^2/NDF : 3275.1/7

All: -265.106+/-1.428 χ^2/NDF : 3783.3/14

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: 11.470 ± 1.244 χ^2/NDF : 99.6/7

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 16.532 ± 1.364 χ^2/NDF : 49.2/6

Left: 13.767 ± 0.919 χ^2/NDF : 156.3/14

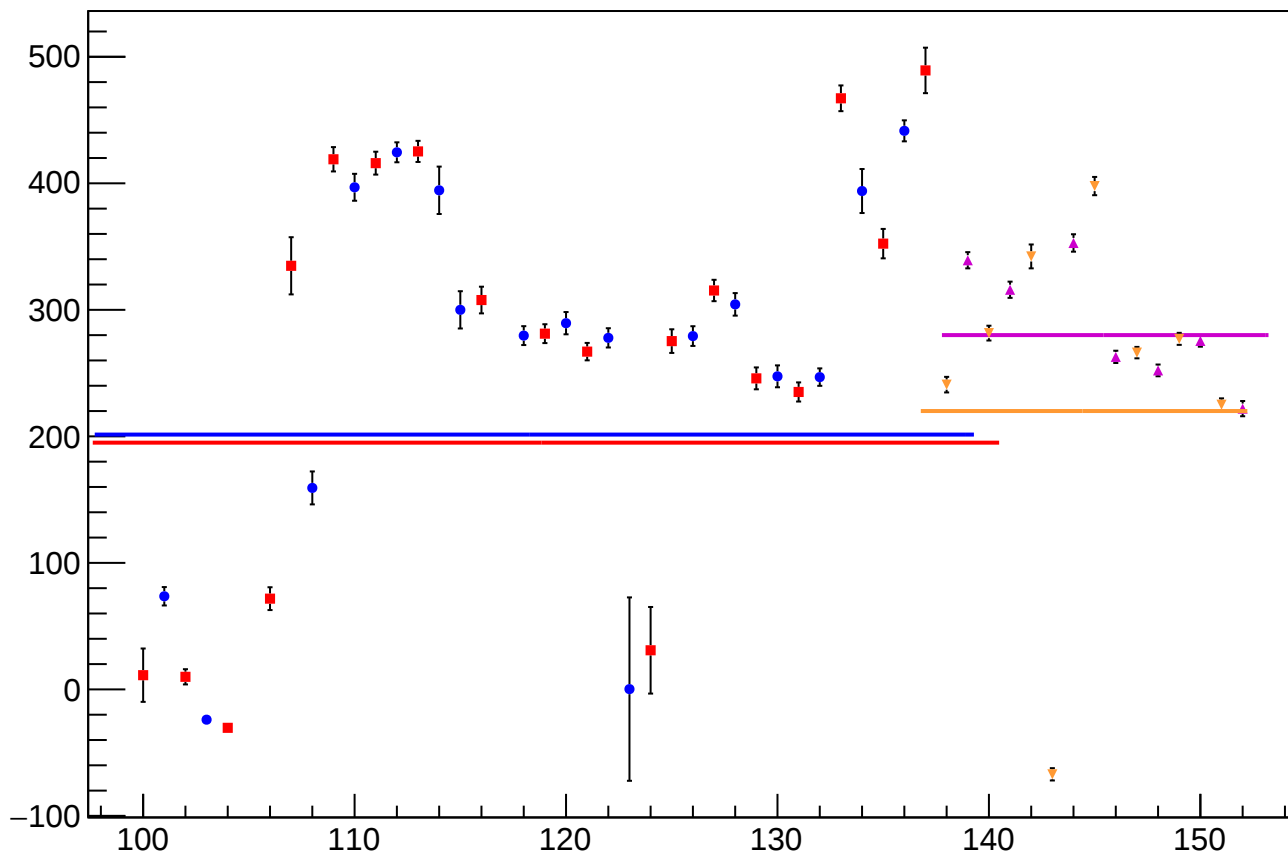
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 9.417 ± 0.852 χ^2/NDF : 405.3/23

Out: 8.098 ± 0.811 χ^2/NDF : 351.0/26

All: 8.725 ± 0.587 χ^2/NDF : 757.6/50

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: 220.019 $\pm$ 1.956 χ^2 /NDF:4625.8/7

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 280.038 $\pm$ 2.066 χ^2 /NDF:371.0/6

Left: 248.390 $\pm$ 1.421 χ^2 /NDF: 5441.8/14

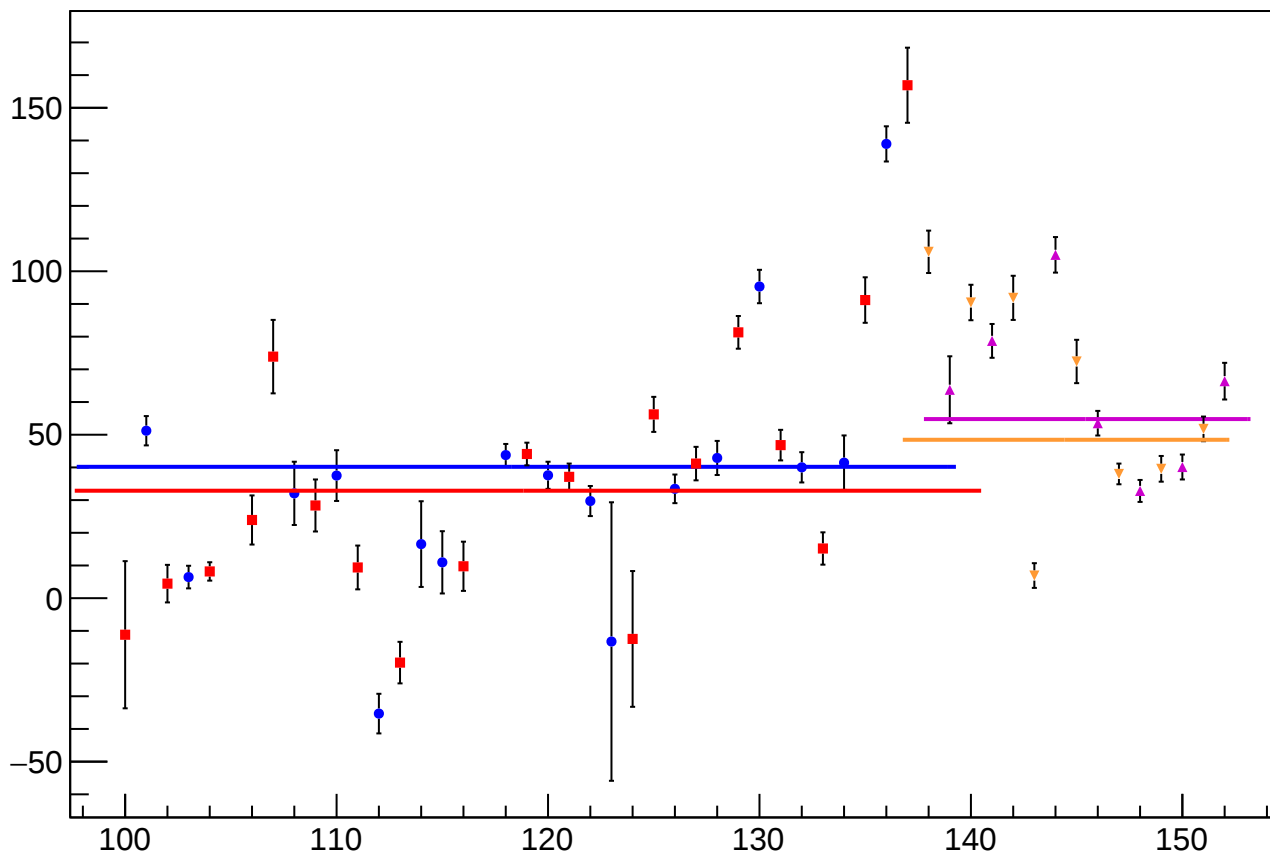
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 238.922 $\pm$ 1.427 χ^2 /NDF:7868.8/23

Out: 207.308 $\pm$ 1.371 χ^2 /NDF:12963.5/26

All: 222.486 $\pm$ 0.989 χ^2 /NDF: 21087.4/50

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 48.455 ± 1.567 $\chi^2/\text{NDF}: 330.5/7$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 54.789 ± 1.714 $\chi^2/\text{NDF}: 169.5/6$

Left: 51.340 ± 1.156 $\chi^2/\text{NDF}: 507.4/14$

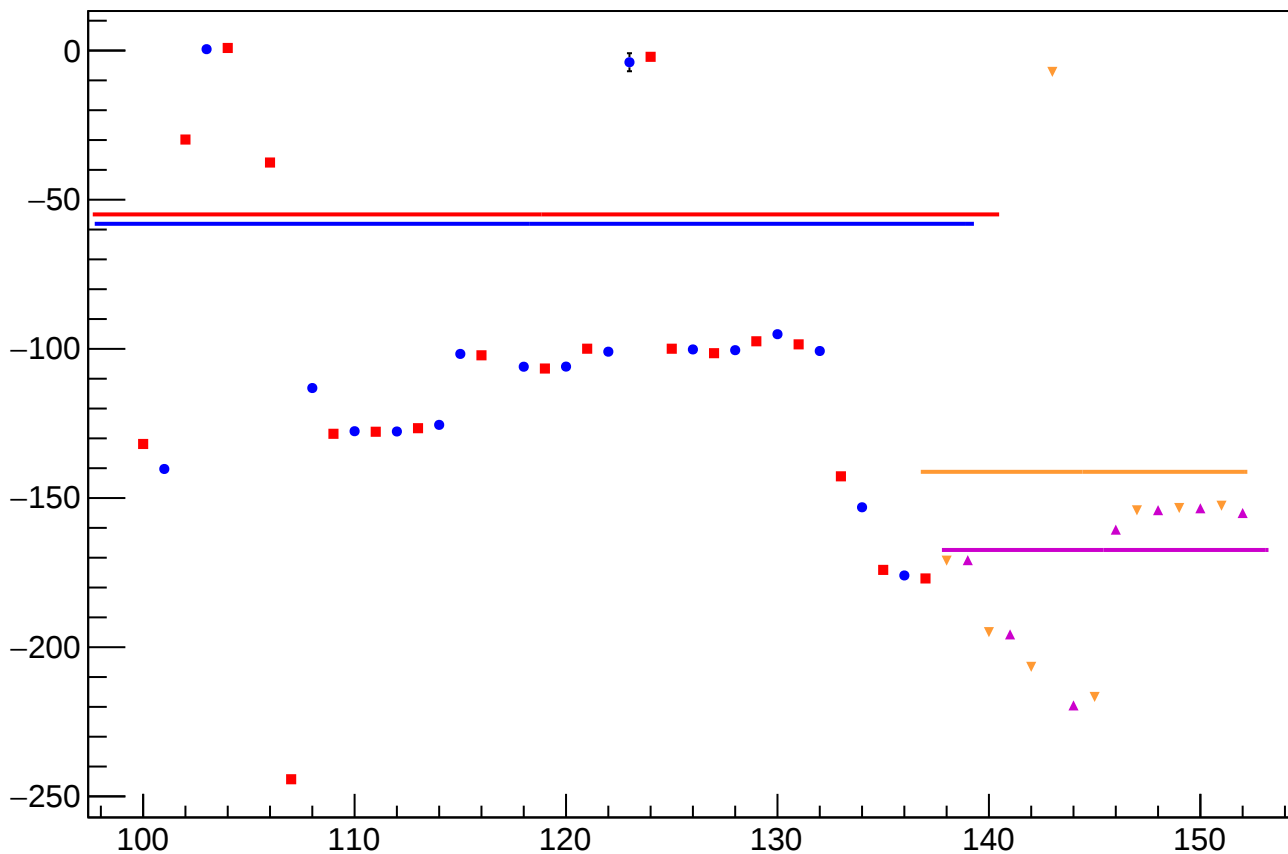
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 45.360 ± 1.020 $\chi^2/\text{NDF}: 950.4/23$

Out: 38.937 ± 0.978 $\chi^2/\text{NDF}: 941.9/26$

All: 42.011 ± 0.706 $\chi^2/\text{NDF}: 1912.9/50$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -141.212+/-0.083 χ^2/NDF : 639553.1/7

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -167.404+/-0.086 χ^2/NDF : 55187.0/6

Left: -153.845+/-0.060 χ^2/NDF : 742485.8/14

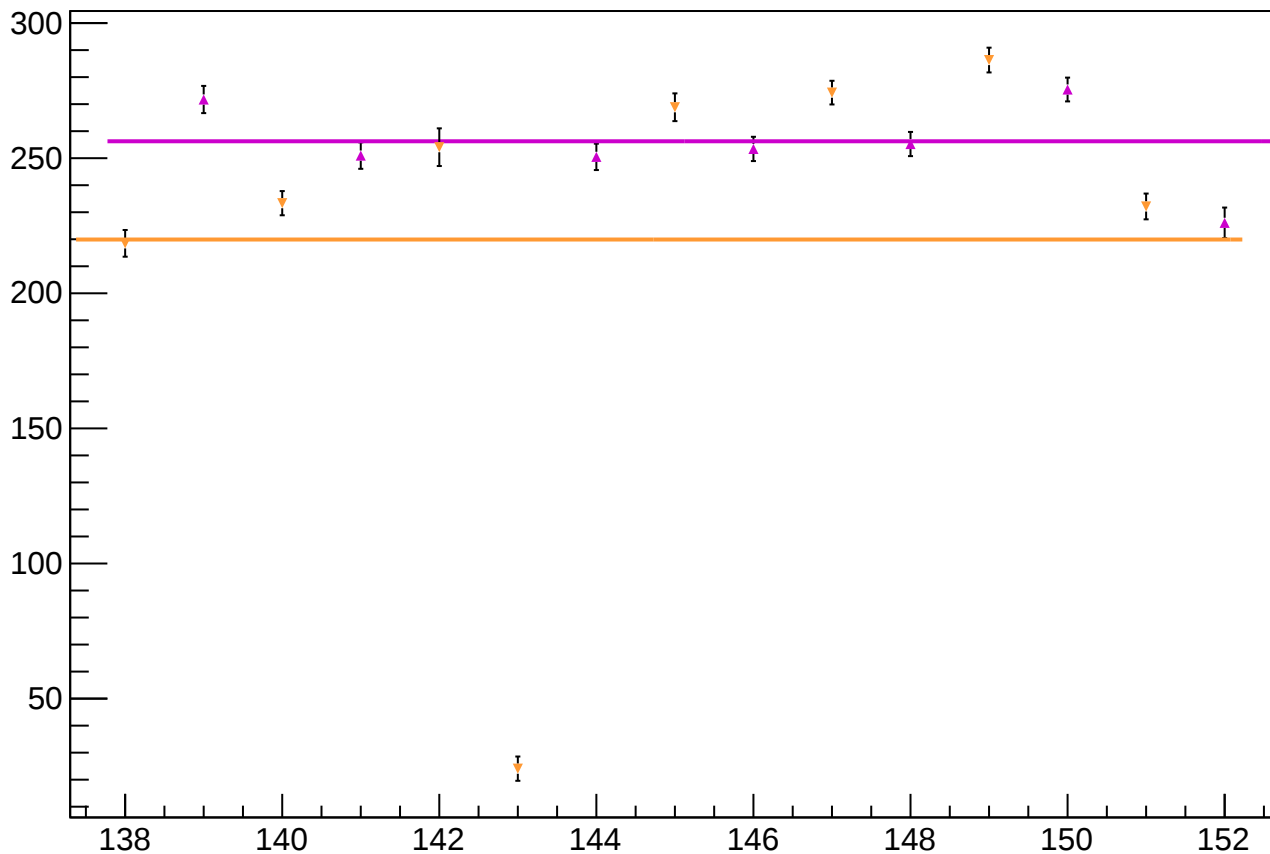
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -95.026+/-0.050 χ^2/NDF : 2223468.6/23

Out: -84.557+/-0.049 χ^2/NDF : 2348813.9/26

All: -89.648+/-0.035 χ^2/NDF : 4594678.9/50

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 219.902 $\pm$ 1.709 χ^2/NDF :2395.7/7

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 256.261 $\pm$ 1.809 χ^2/NDF :59.9/6

Left: 237.039 $\pm$ 1.242 χ^2/NDF : 2669.0/14

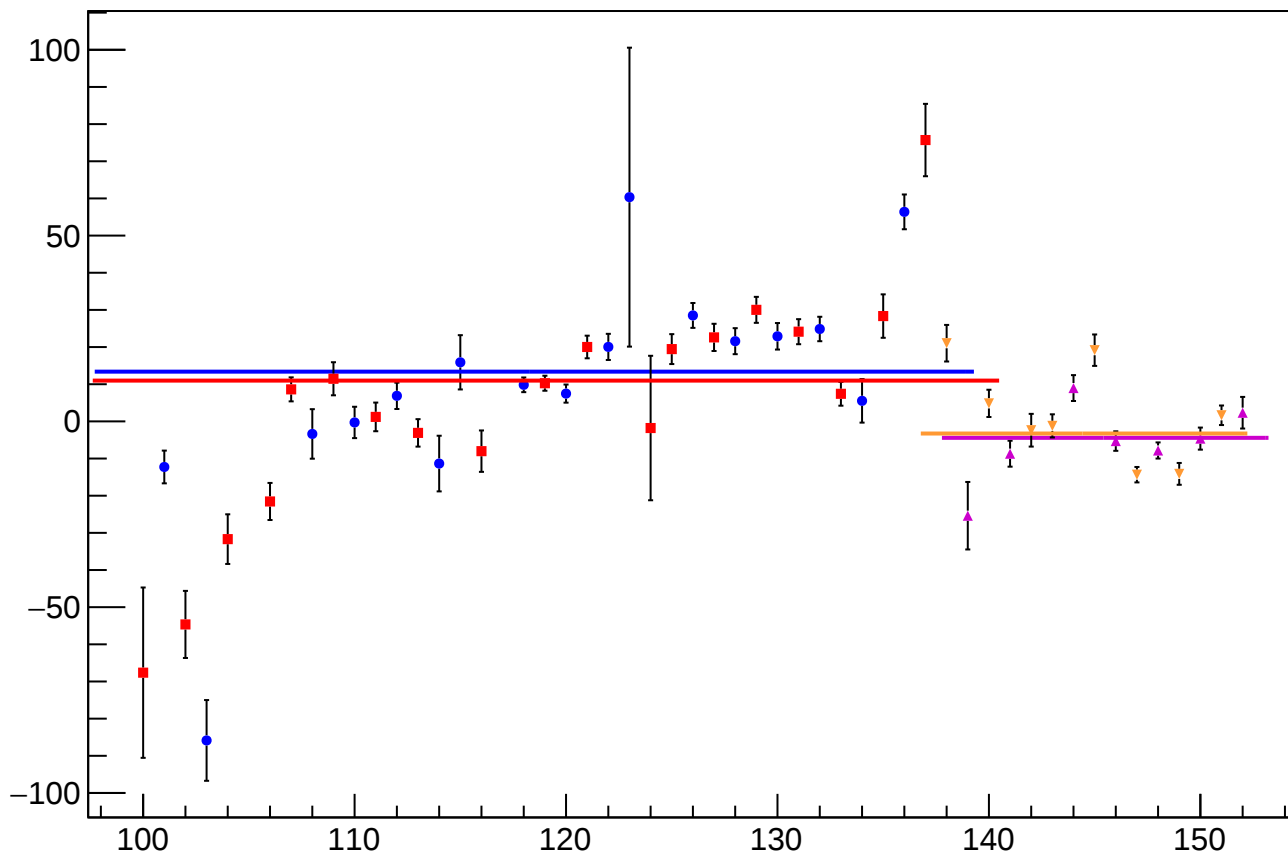
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 256.261 $\pm$ 1.809 χ^2/NDF :59.9/6

Out: 219.902 $\pm$ 1.709 χ^2/NDF :2395.7/7

All: 237.039 $\pm$ 1.242 χ^2/NDF : 2669.0/14

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: -3.269 ± 1.105 χ^2/NDF : 103.5/7

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: -4.426 ± 1.193 χ^2/NDF : 26.7/6

Left: -3.804 ± 0.811 χ^2/NDF : 130.7/14

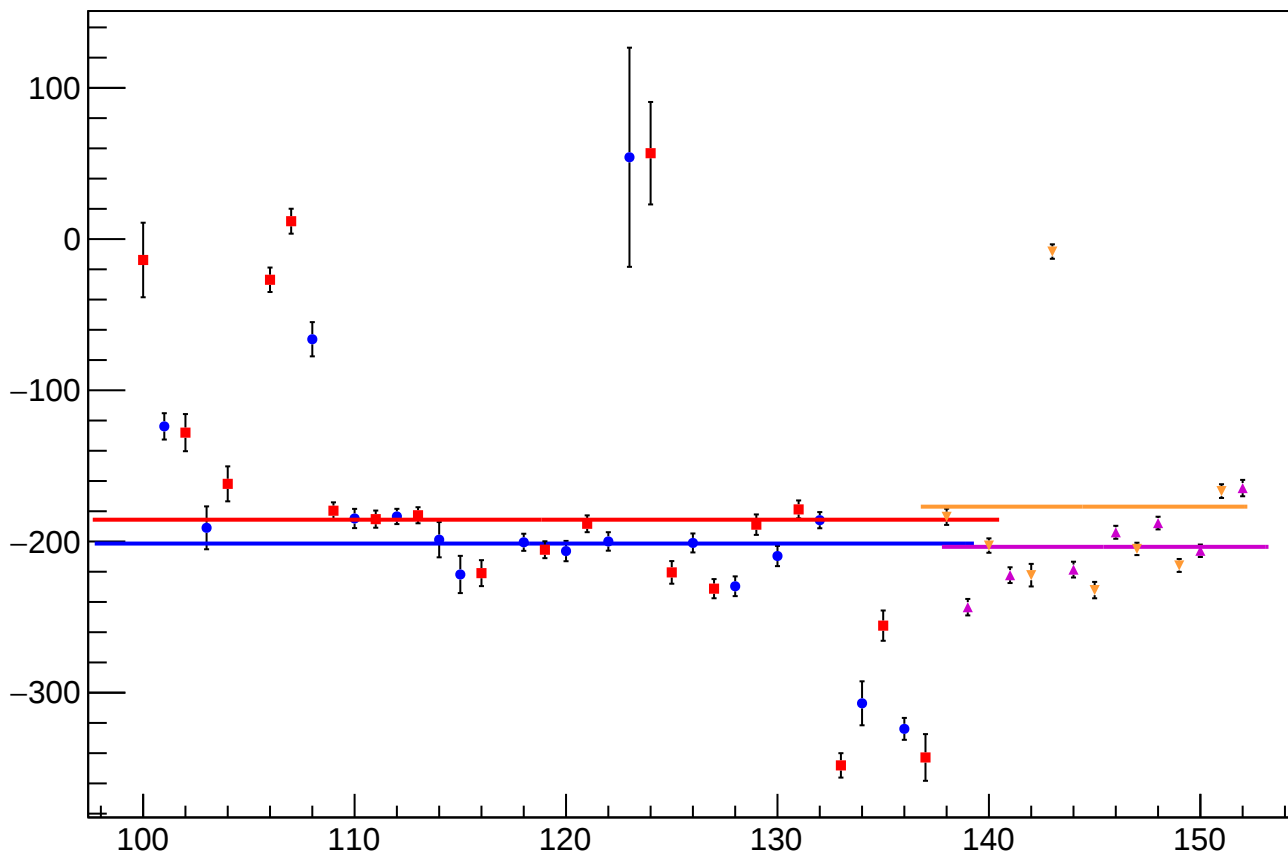
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.732 ± 0.729 χ^2/NDF : 460.5/23

Out: 5.186 ± 0.705 χ^2/NDF : 506.1/26

All: 5.933 ± 0.507 χ^2/NDF : 968.9/50

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: -176.962 ± 1.723 χ^2/NDF : 1545.4/7

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -203.539 ± 1.792 χ^2/NDF : 145.9/6

Left: -189.724 ± 1.242 χ^2/NDF : 1805.5/14

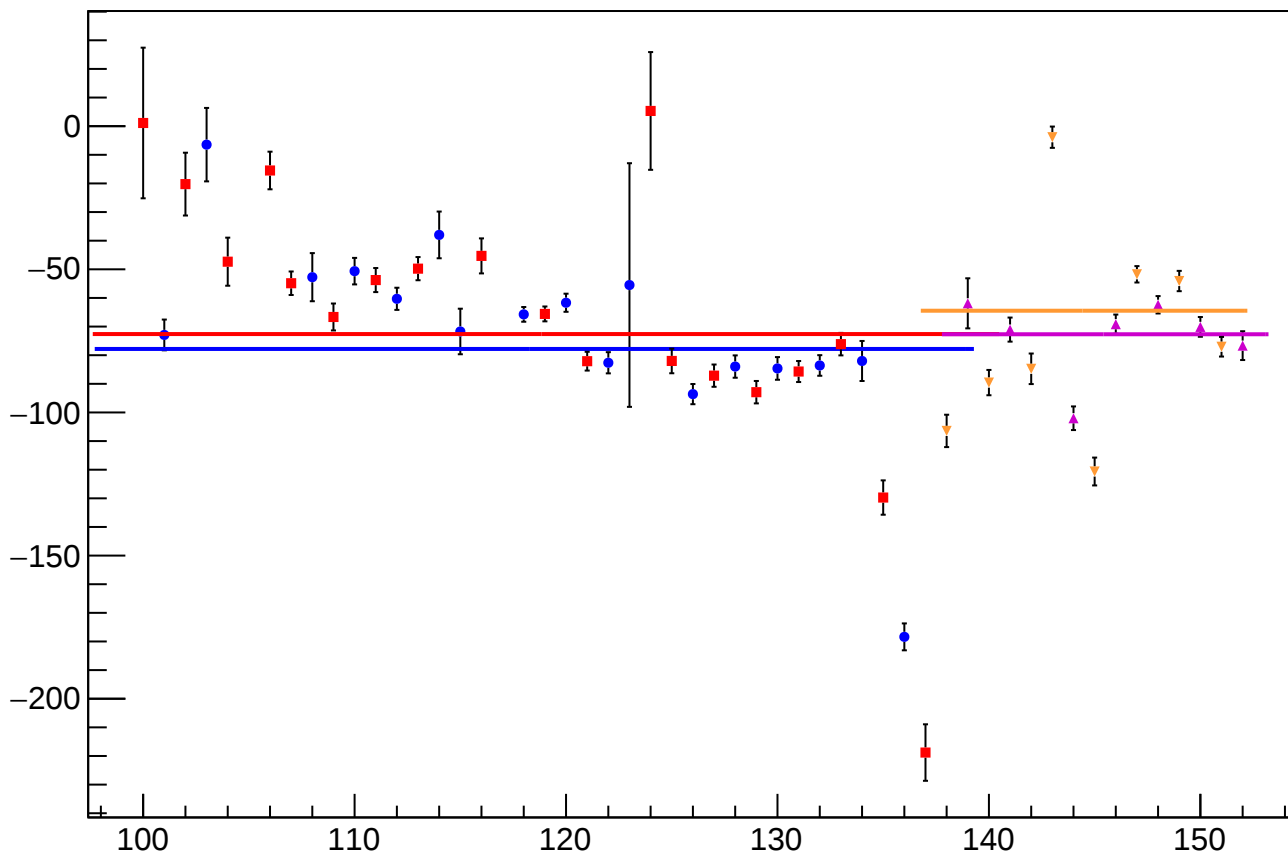
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -202.448 ± 1.264 χ^2/NDF : 771.6/23

Out: -181.334 ± 1.210 χ^2/NDF : 3306.3/26

All: -191.426 ± 0.874 χ^2/NDF : 4223.5/50

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -64.464 ± 1.388 χ^2/NDF : 542.5/7

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -72.686 ± 1.492 χ^2/NDF : 66.0/6

Left: -68.280 ± 1.016 χ^2/NDF : 624.7/14

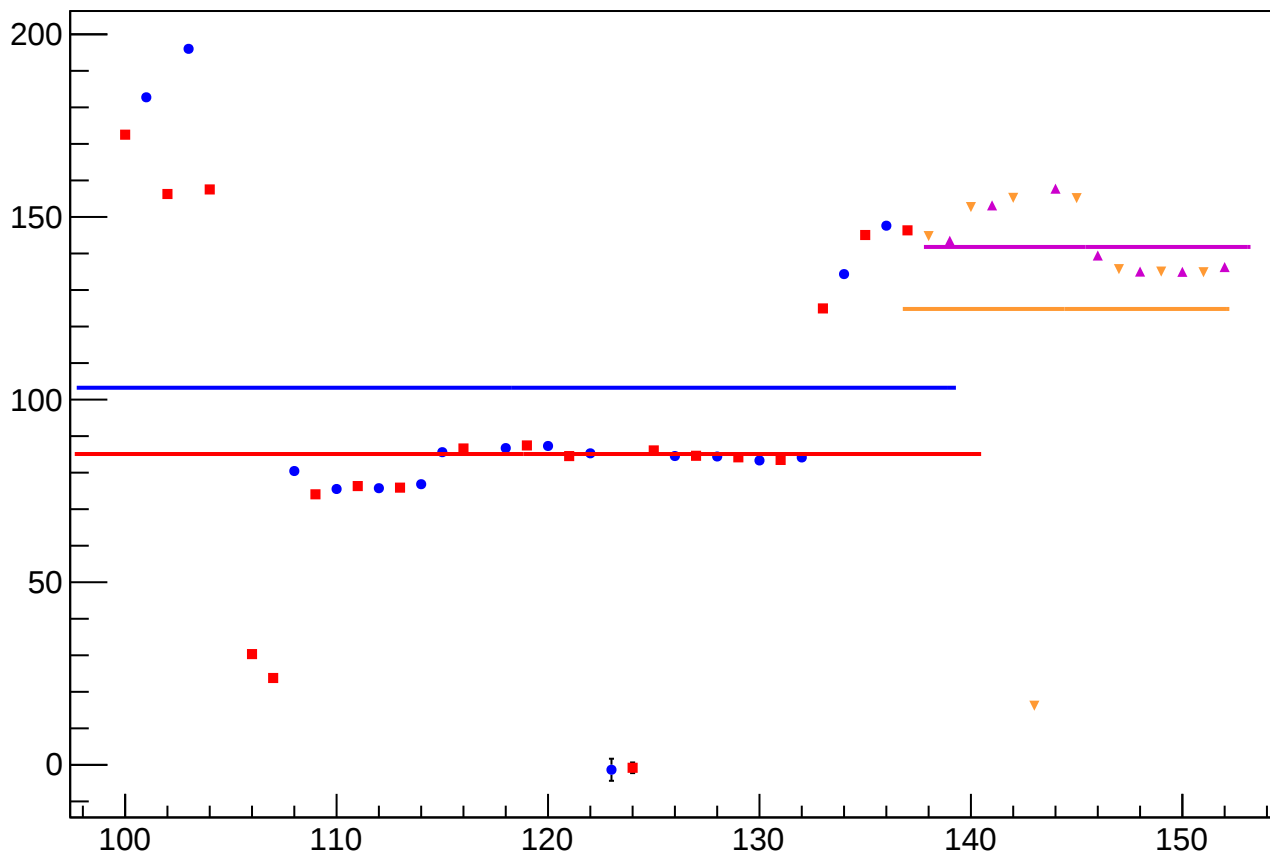
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -76.079 ± 0.868 χ^2/NDF : 730.1/23

Out: -69.640 ± 0.839 χ^2/NDF : 1171.2/26

All: -72.748 ± 0.603 χ^2/NDF : 1929.8/50

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: 124.815 $\pm$ 0.073 χ^2 /NDF: 385228.2/7

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 141.789 $\pm$ 0.075 χ^2 /NDF: 11599.5/6

Left: 133.116 $\pm$ 0.052 χ^2 /NDF: 423178.3/14

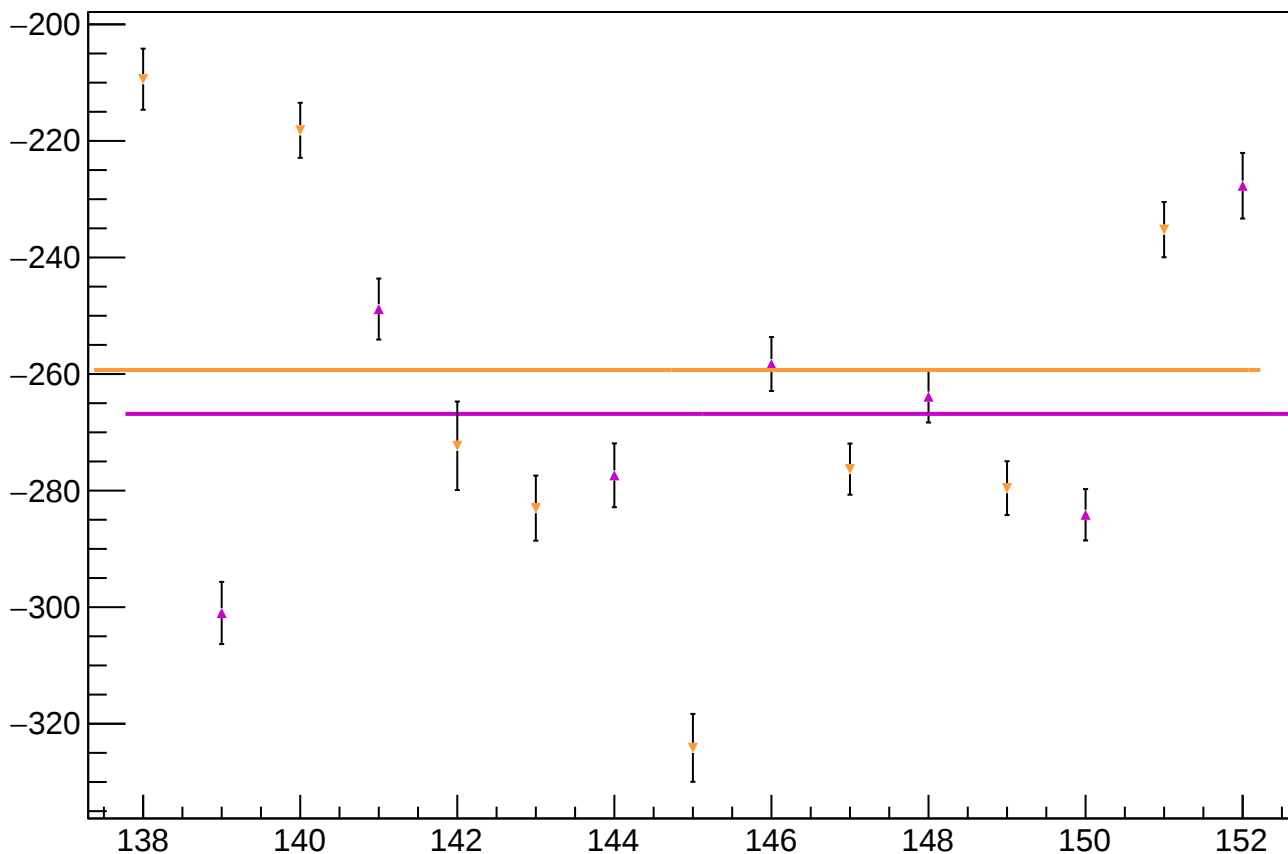
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 121.381 $\pm$ 0.051 χ^2 /NDF: 425771.2/23

Out: 102.240 $\pm$ 0.048 χ^2 /NDF: 976392.1/26

All: 111.187 $\pm$ 0.035 χ^2 /NDF: 1476385.9/50

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: -259.305+/-1.816 χ^2/NDF :371.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.838+/-1.871 χ^2/NDF :124.2/6

Left: -262.957+/-1.303 χ^2/NDF : 503.9/14

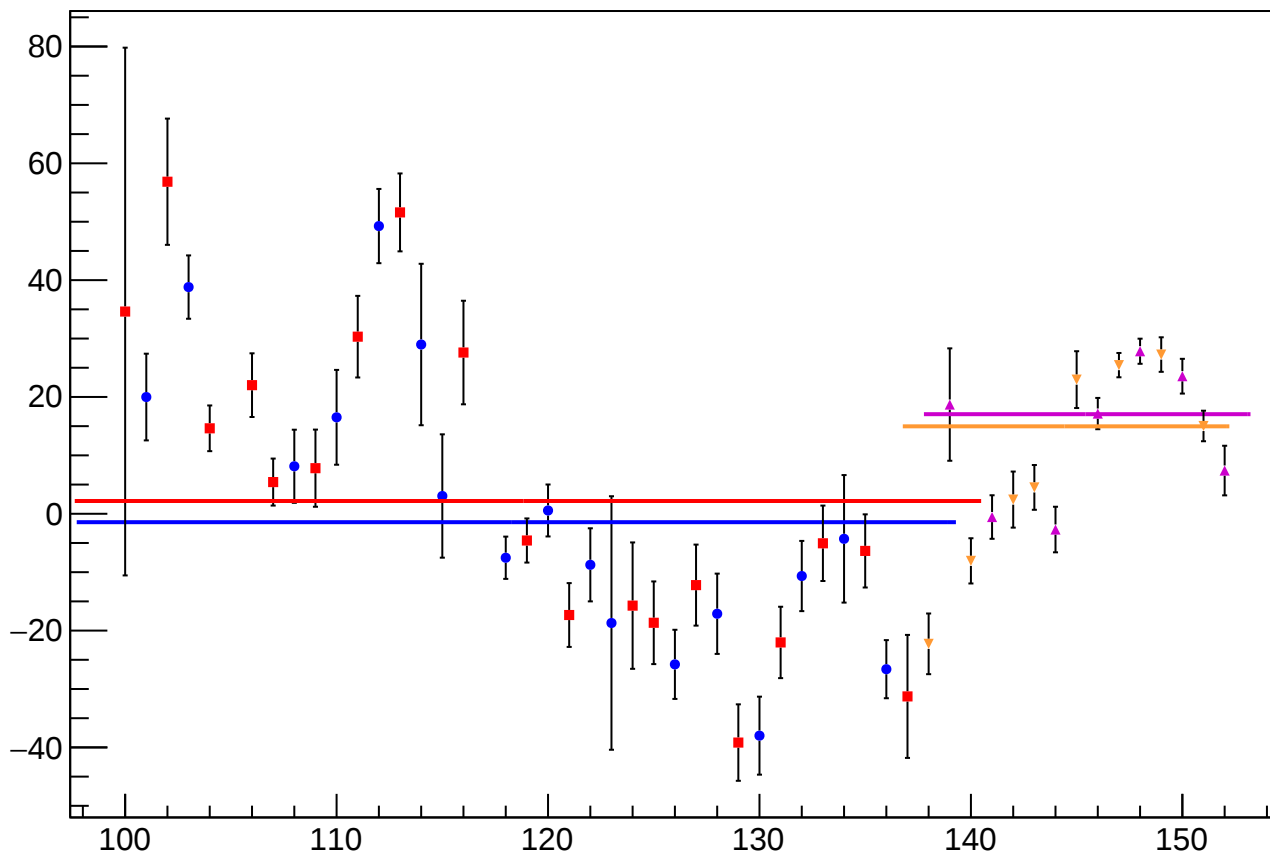
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.838+/-1.871 χ^2/NDF :124.2/6

Out: -259.305+/-1.816 χ^2/NDF :371.4/7

All: -262.957+/-1.303 χ^2/NDF : 503.9/14

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 14.971 ± 1.155 $\chi^2/\text{NDF}: 146.4/7$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 17.051 ± 1.219 $\chi^2/\text{NDF}: 83.0/6$

Left: 15.955 ± 0.839 $\chi^2/\text{NDF}: 230.9/14$

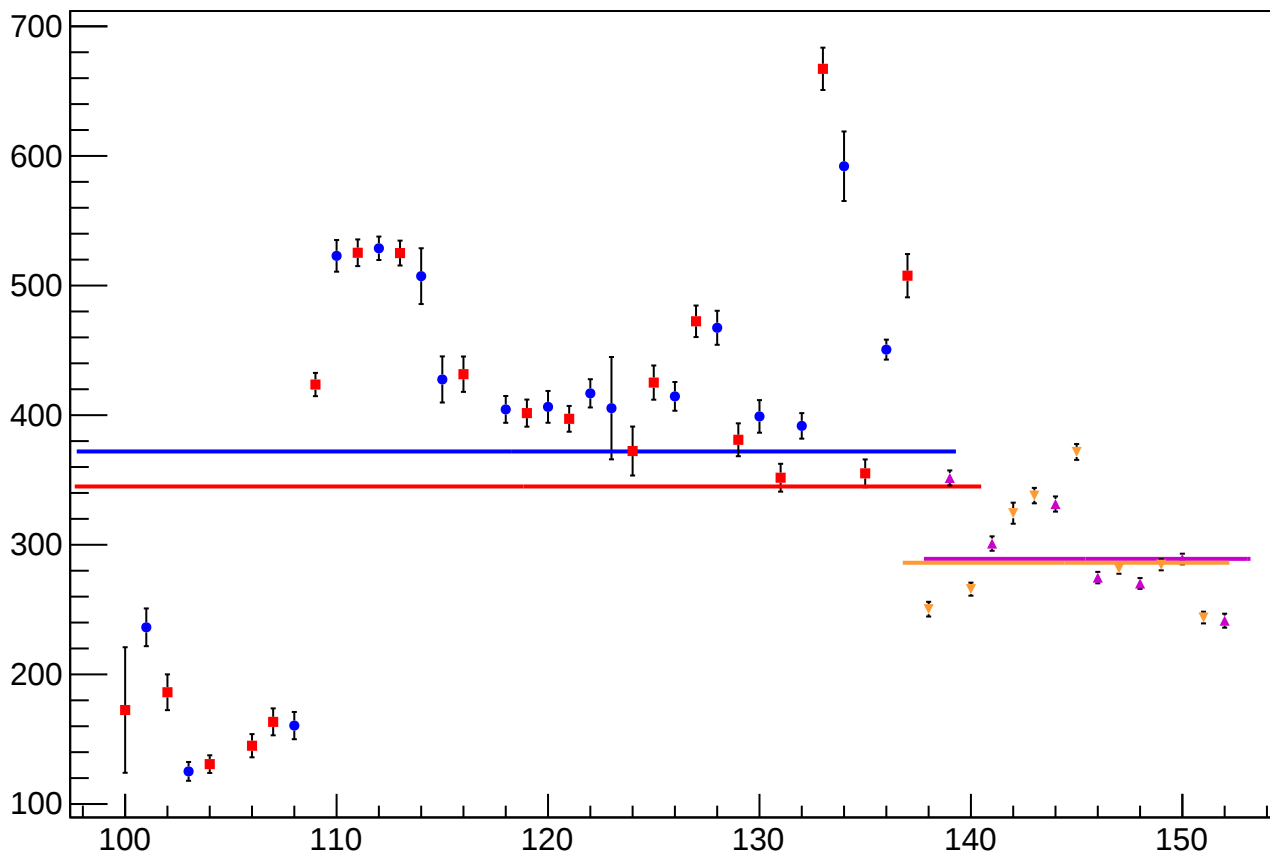
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 9.789 ± 0.950 $\chi^2/\text{NDF}: 397.8/23$

Out: 9.793 ± 0.891 $\chi^2/\text{NDF}: 426.6/26$

All: 9.791 ± 0.650 $\chi^2/\text{NDF}: 824.4/50$

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: 286.140 $\pm$ 1.818 χ^2 /NDF:438.5/7

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 289.137 $\pm$ 1.845 χ^2 /NDF:283.4/6

Left: 287.616 $\pm$ 1.295 χ^2 /NDF: 723.2/14

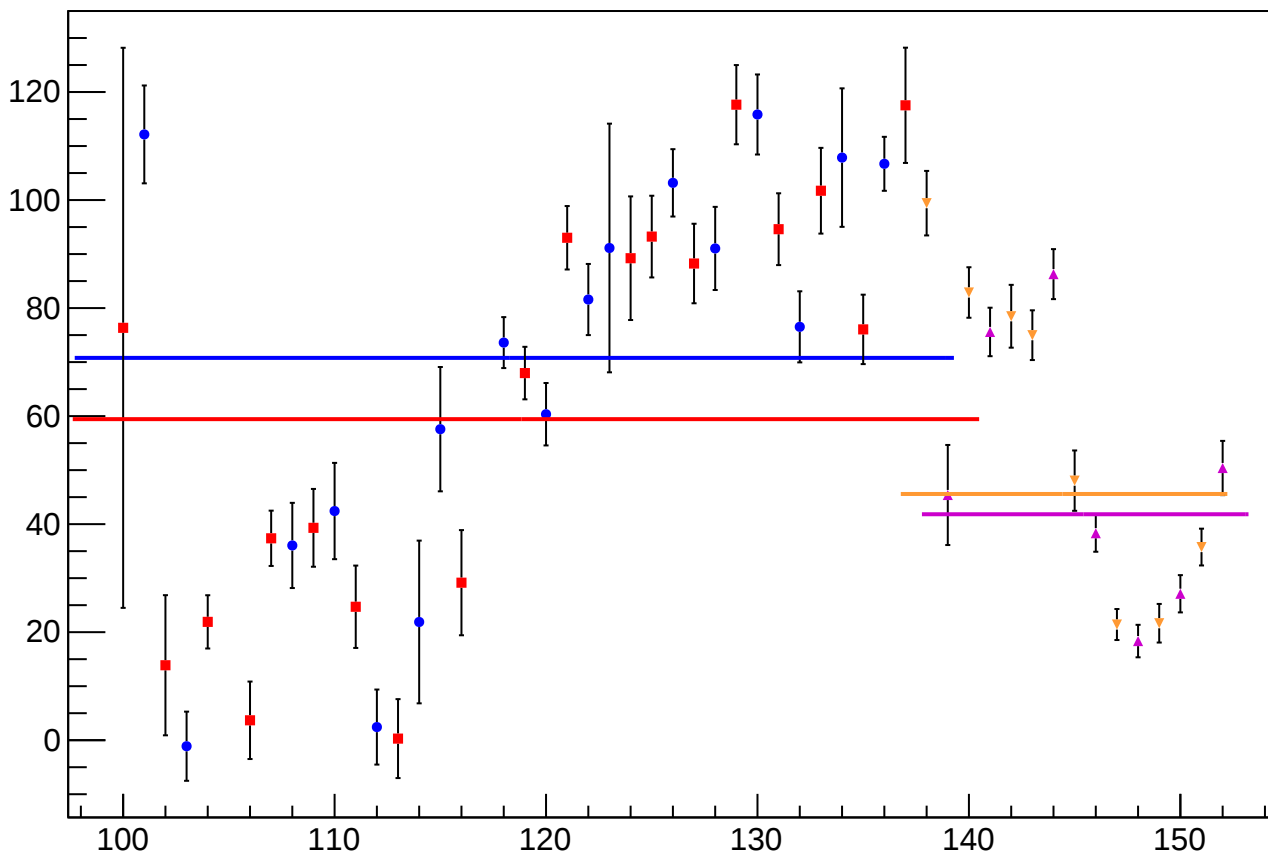
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 314.672 $\pm$ 1.535 χ^2 /NDF:3336.0/23

Out: 305.856 $\pm$ 1.482 χ^2 /NDF:4204.1/26

All: 310.110 $\pm$ 1.066 χ^2 /NDF: 7557.2/50

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: 45.585 $\pm$ 1.461 χ^2/NDF : 342.0/7

Right Out: 59.438 $\pm$ 1.631 χ^2/NDF : 486.7/18

Left In: 41.831 $\pm$ 1.530 χ^2/NDF : 232.0/6

Left: 43.795 $\pm$ 1.057 χ^2/NDF : 577.2/14

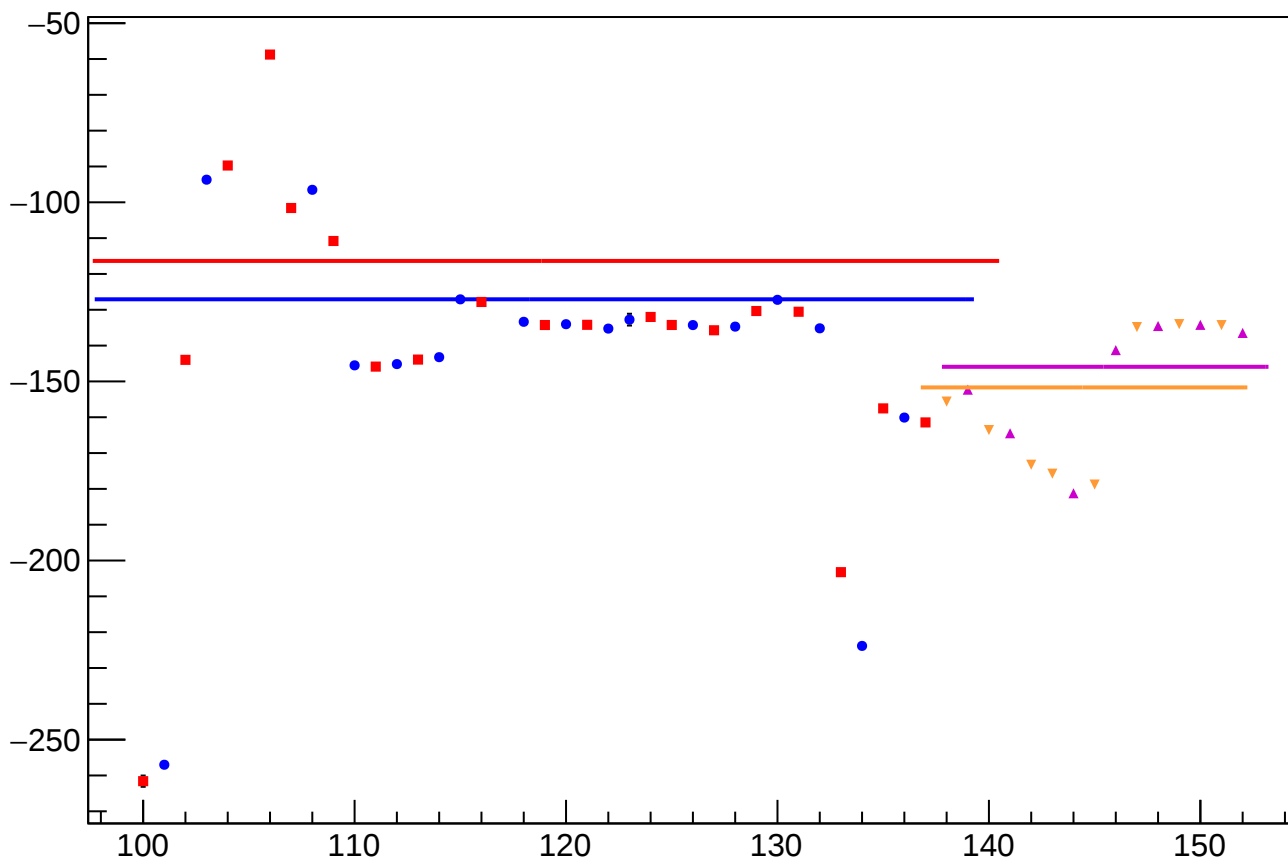
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 54.401 $\pm$ 1.151 χ^2/NDF : 811.4/23

Out: 51.751 $\pm$ 1.088 χ^2/NDF : 868.7/26

All: 53.002 $\pm$ 0.791 χ^2/NDF : 1682.9/50

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: -151.675+/-0.078 χ^2/NDF : 54653.1/7

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -145.918+/-0.077 χ^2/NDF : 37748.3/6

Left: -148.770+/-0.055 χ^2/NDF : 95168.3/14

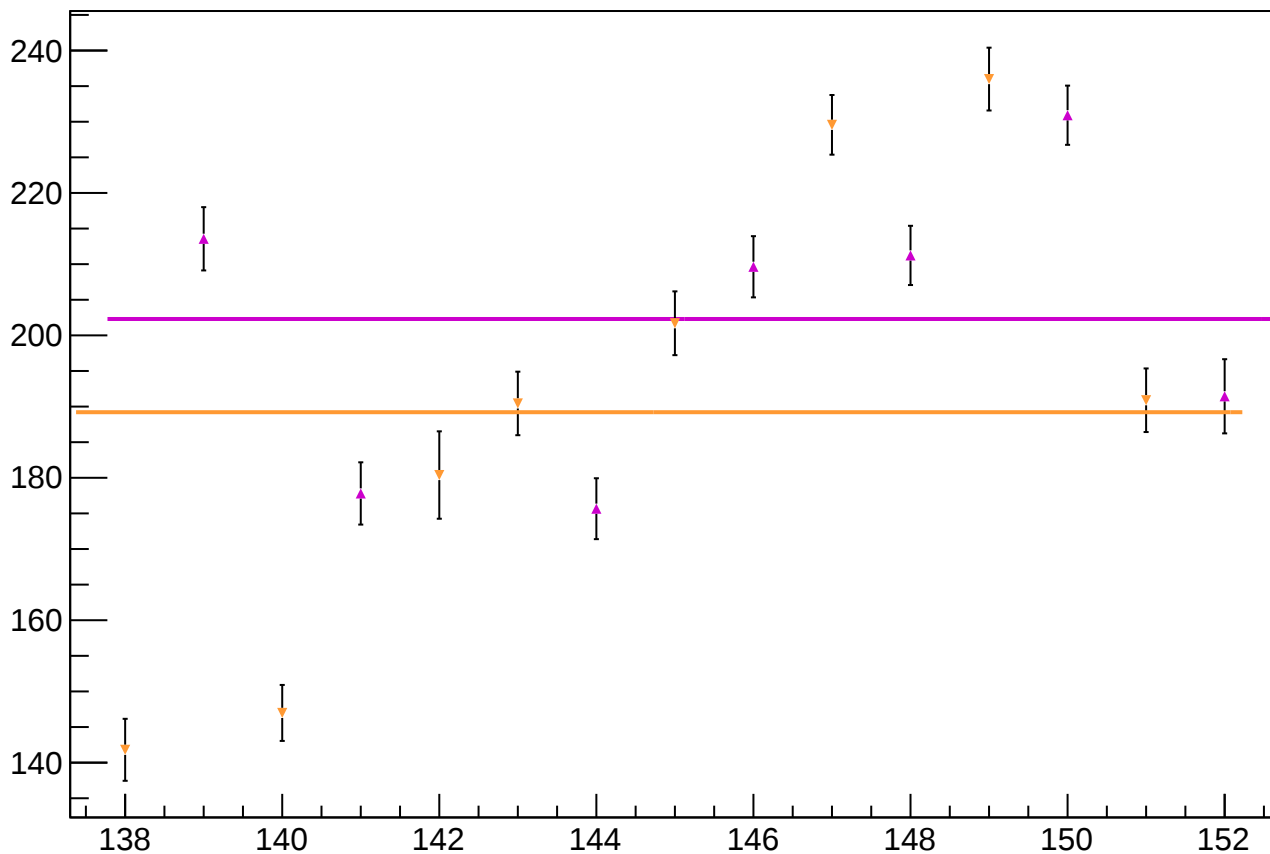
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.902+/-0.058 χ^2/NDF : 230227.7/23

Out: -135.154+/-0.057 χ^2/NDF : 318746.7/26

All: -136.488+/-0.041 χ^2/NDF : 550114.0/50

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 189.211+/-1.576 χ^2/NDF :449.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 202.300+/-1.657 χ^2/NDF :135.9/6

Left: 195.428+/-1.142 χ^2/NDF : 618.0/14

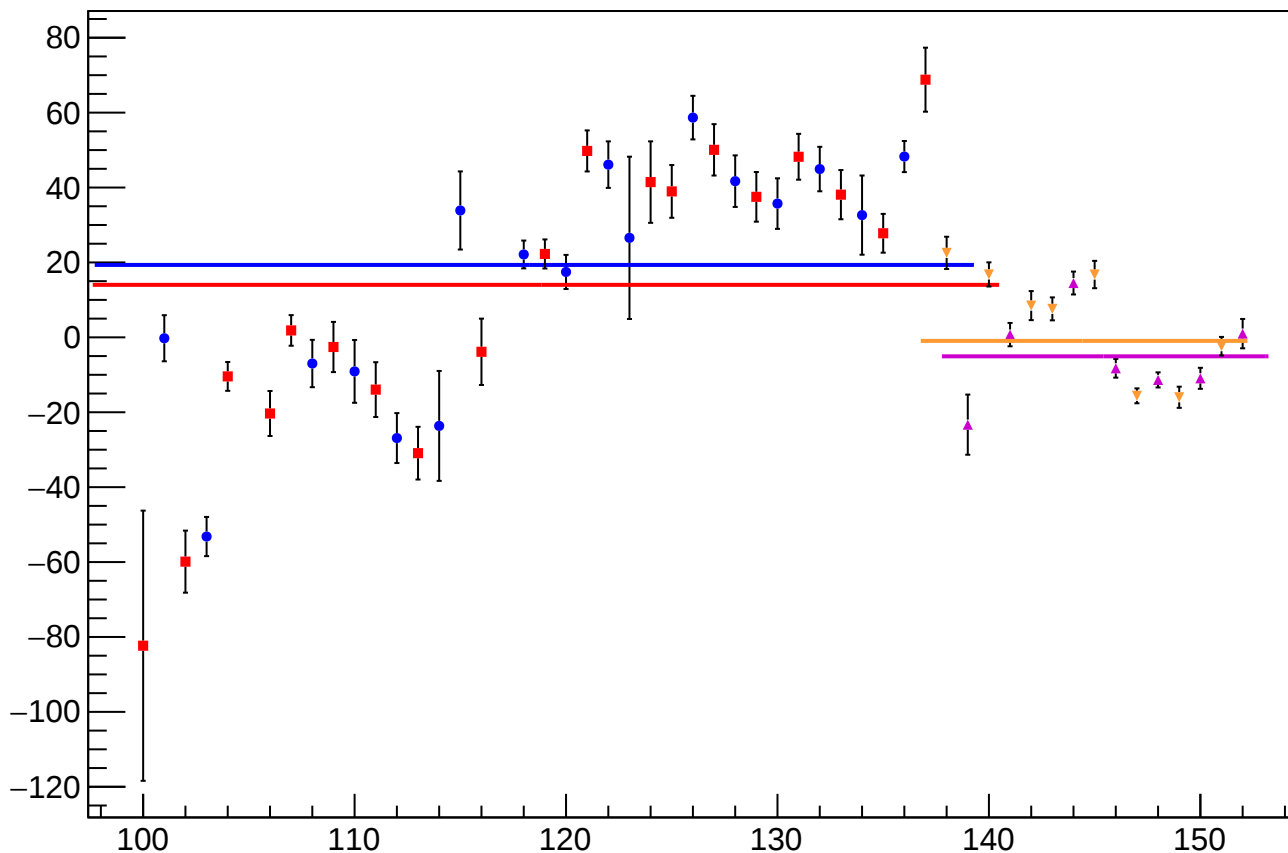
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.300+/-1.657 χ^2/NDF :135.9/6

Out: 189.211+/-1.576 χ^2/NDF :449.4/7

All: 195.428+/-1.142 χ^2/NDF : 618.0/14

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.945 ± 1.031 $\chi^2/\text{NDF}: 180.7/7$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -5.065 ± 1.102 $\chi^2/\text{NDF}: 67.8/6$

Left: -2.868 ± 0.753 $\chi^2/\text{NDF}: 255.9/14$

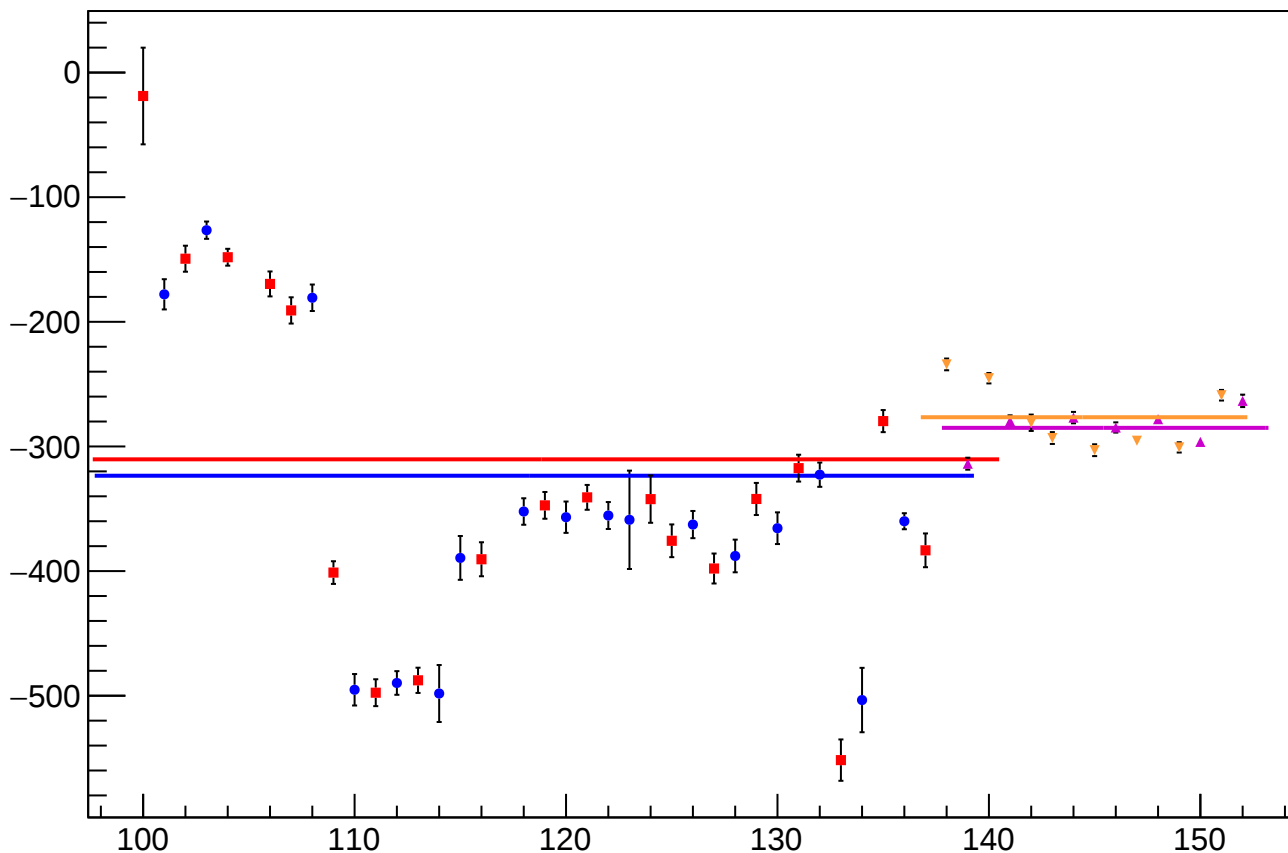
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.624 ± 0.885 $\chi^2/\text{NDF}: 682.2/23$

Out: 4.366 ± 0.828 $\chi^2/\text{NDF}: 688.6/26$

All: 4.019 ± 0.605 $\chi^2/\text{NDF}: 1371.1/50$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -276.554 ± 1.595 $\chi^2/\text{NDF}: 255.3/7$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -285.073 ± 1.647 $\chi^2/\text{NDF}: 70.8/6$

Left: -280.678 ± 1.146 $\chi^2/\text{NDF}: 340.0/14$

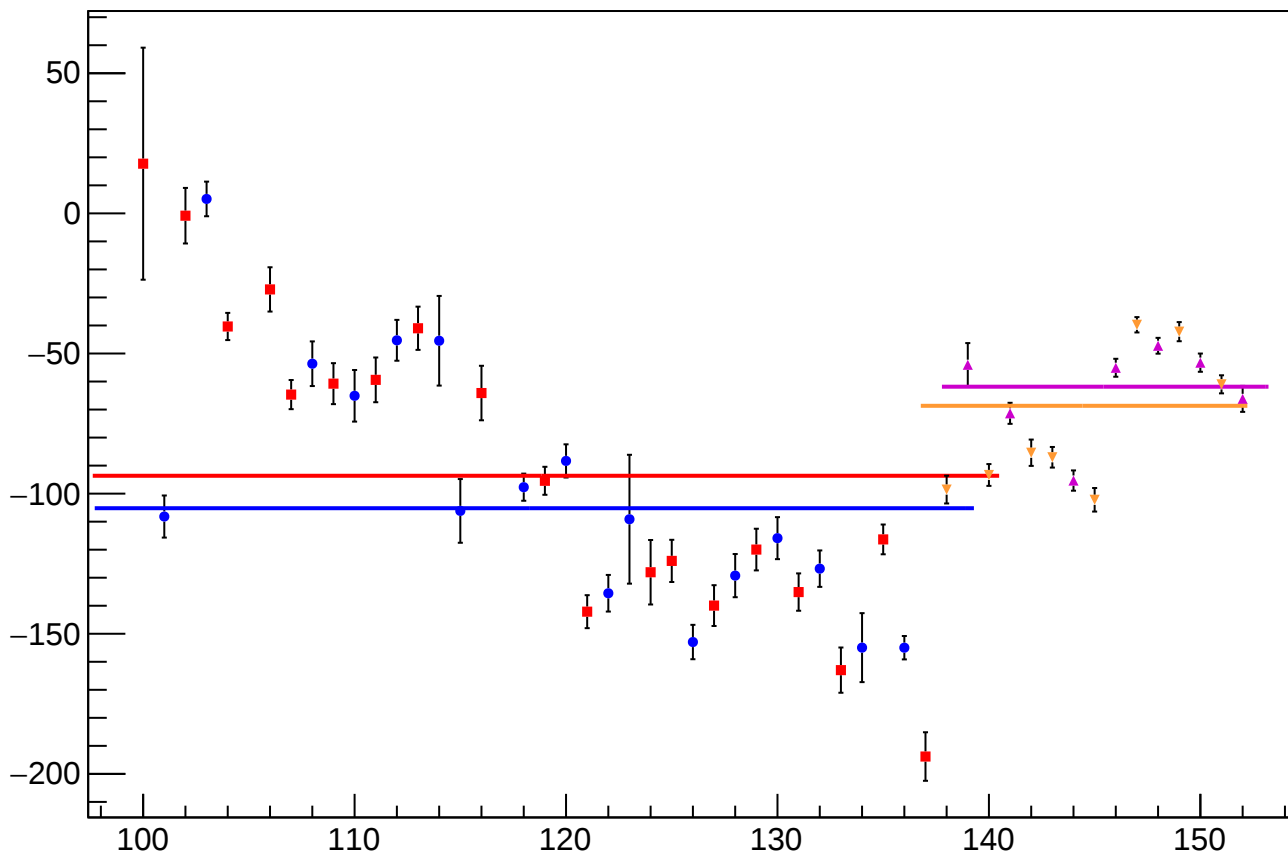
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -295.645 ± 1.402 $\chi^2/\text{NDF}: 2068.1/23$

Out: -286.207 ± 1.348 $\chi^2/\text{NDF}: 2684.1/26$

All: -290.741 ± 0.972 $\chi^2/\text{NDF}: 4775.8/50$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.661 ± 1.293 χ^2/NDF : 355.3/7

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -61.844 ± 1.376 χ^2/NDF : 132.1/6

Left: -65.464 ± 0.942 χ^2/NDF : 500.4/14

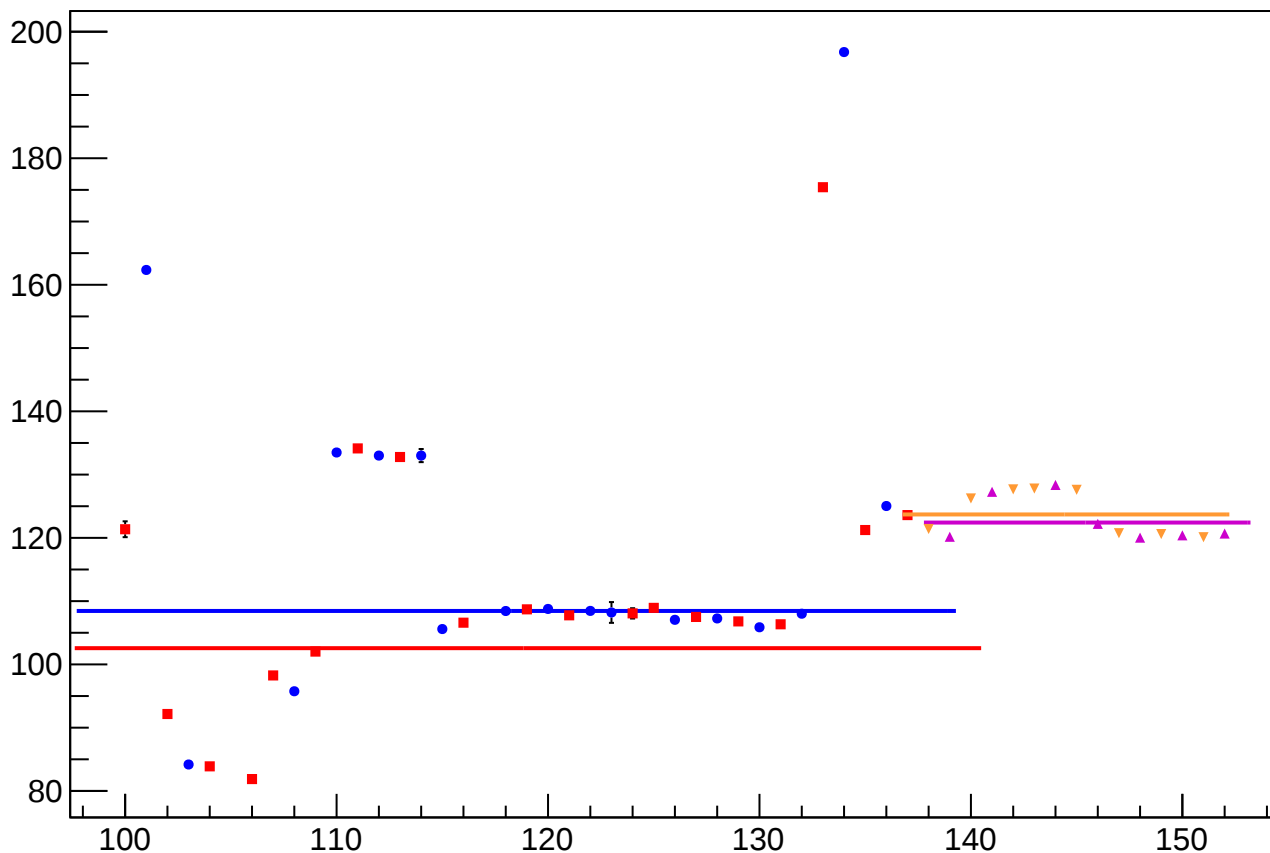
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -79.047 ± 1.069 χ^2/NDF : 1261.7/23

Out: -78.449 ± 1.008 χ^2/NDF : 1324.1/26

All: -78.731 ± 0.733 χ^2/NDF : 2585.9/50

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: 123.701 $\pm$ 0.068 χ^2 /NDF:2397.8/7

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 122.419 $\pm$ 0.068 χ^2 /NDF:2159.3/6

Left: 123.068 $\pm$ 0.048 χ^2 /NDF: 4734.7/14

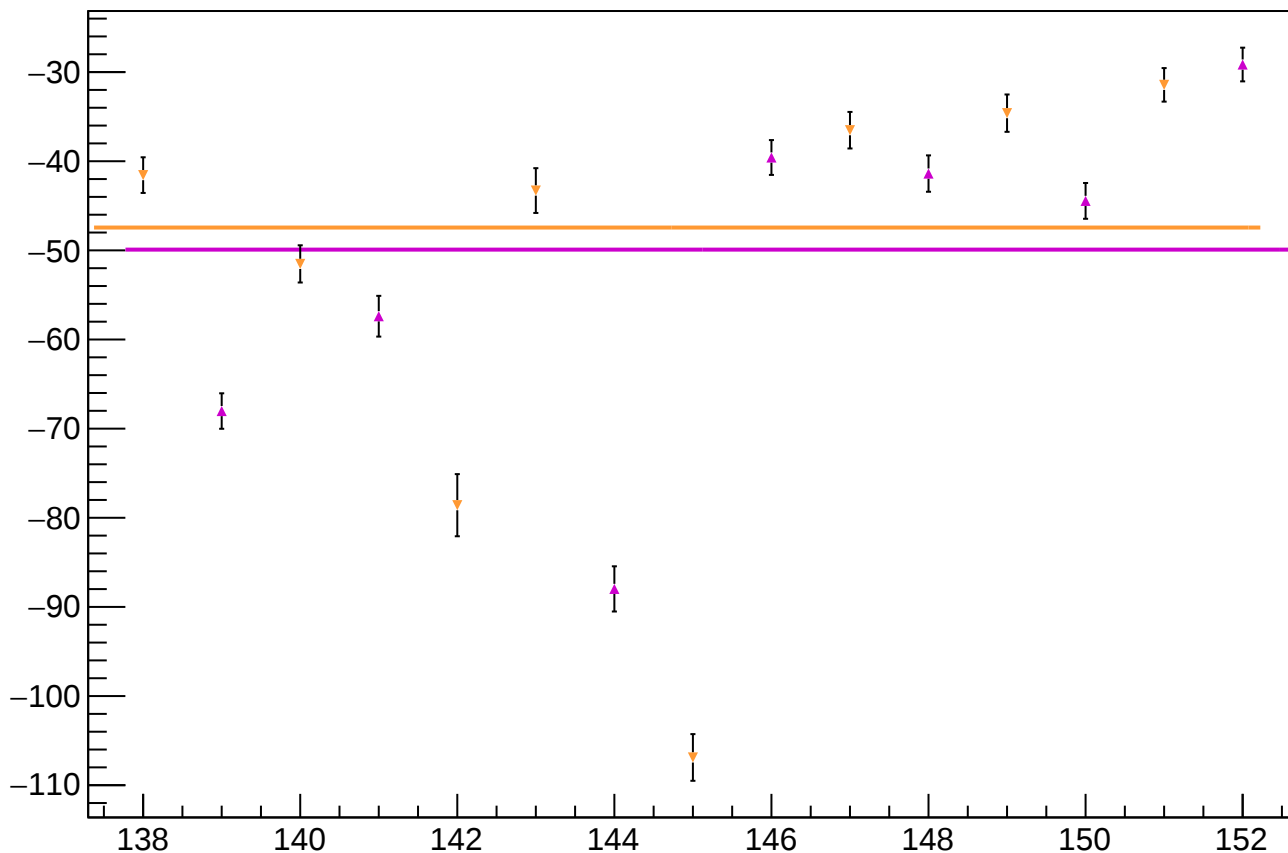
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 116.905 $\pm$ 0.053 χ^2 /NDF:91857.5/23

Out: 114.821 $\pm$ 0.051 χ^2 /NDF:96574.5/26

All: 115.827 $\pm$ 0.037 χ^2 /NDF: 189223.4/50

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: -47.439+/-0.787 χ^2/NDF : 748.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Left: -48.683+/-0.555 χ^2/NDF : 1245.8/14

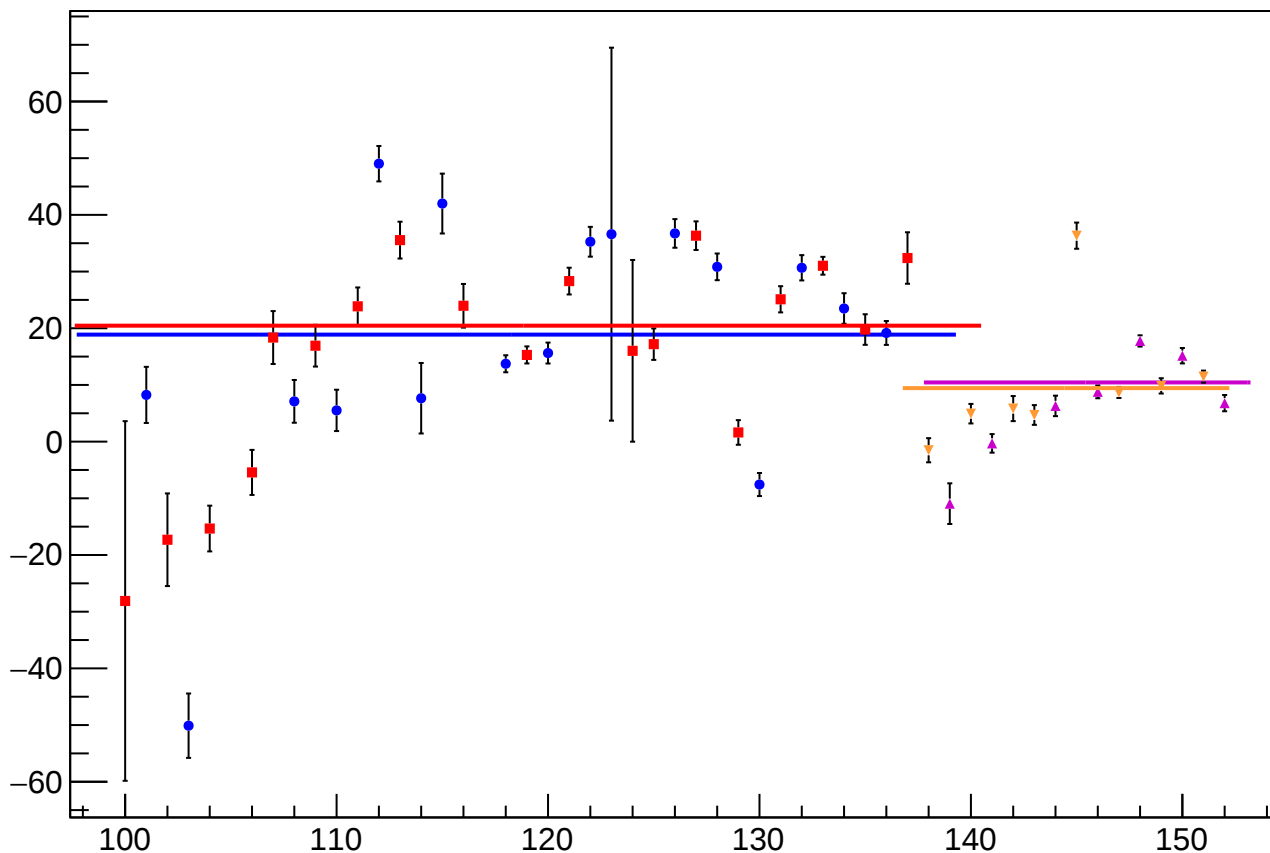
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Out: -47.439+/-0.787 χ^2/NDF : 748.5/7

All: -48.683+/-0.555 χ^2/NDF : 1245.8/14

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: 9.439 $\pm$ 0.515 χ^2 /NDF:183.2/7

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 10.439 $\pm$ 0.529 χ^2 /NDF:158.9/6

Left: 9.926 $\pm$ 0.369 χ^2 /NDF: 343.9/14

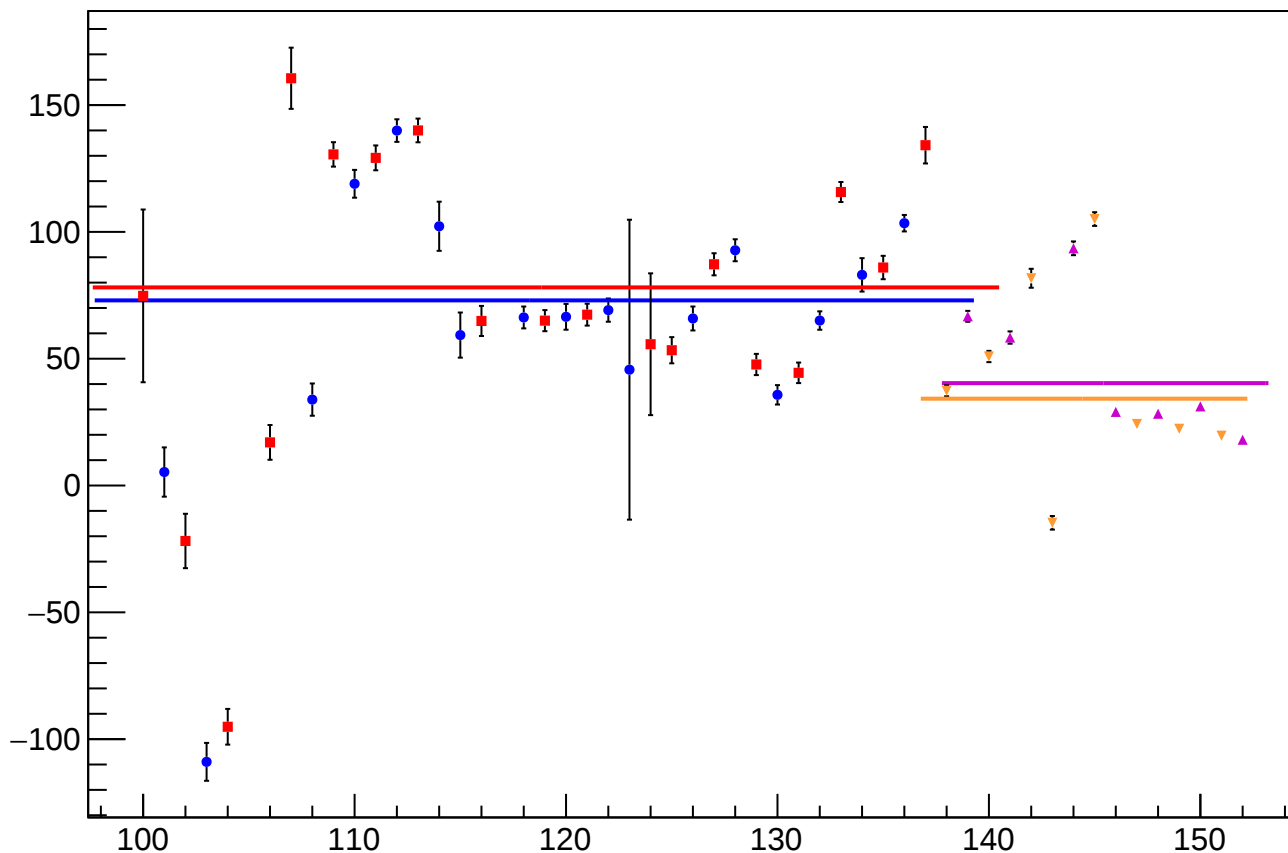
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 13.838 $\pm$ 0.409 χ^2 /NDF:881.7/23

Out: 13.743 $\pm$ 0.402 χ^2 /NDF:726.5/26

All: 13.790 $\pm$ 0.287 χ^2 /NDF: 1608.3/50

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: 34.241 $\pm$ 0.790 χ^2 /NDF:1369.2/7

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 40.371 $\pm$ 0.774 χ^2 /NDF:840.8/6

Left: 37.366 $\pm$ 0.553 χ^2 /NDF: 2240.7/14

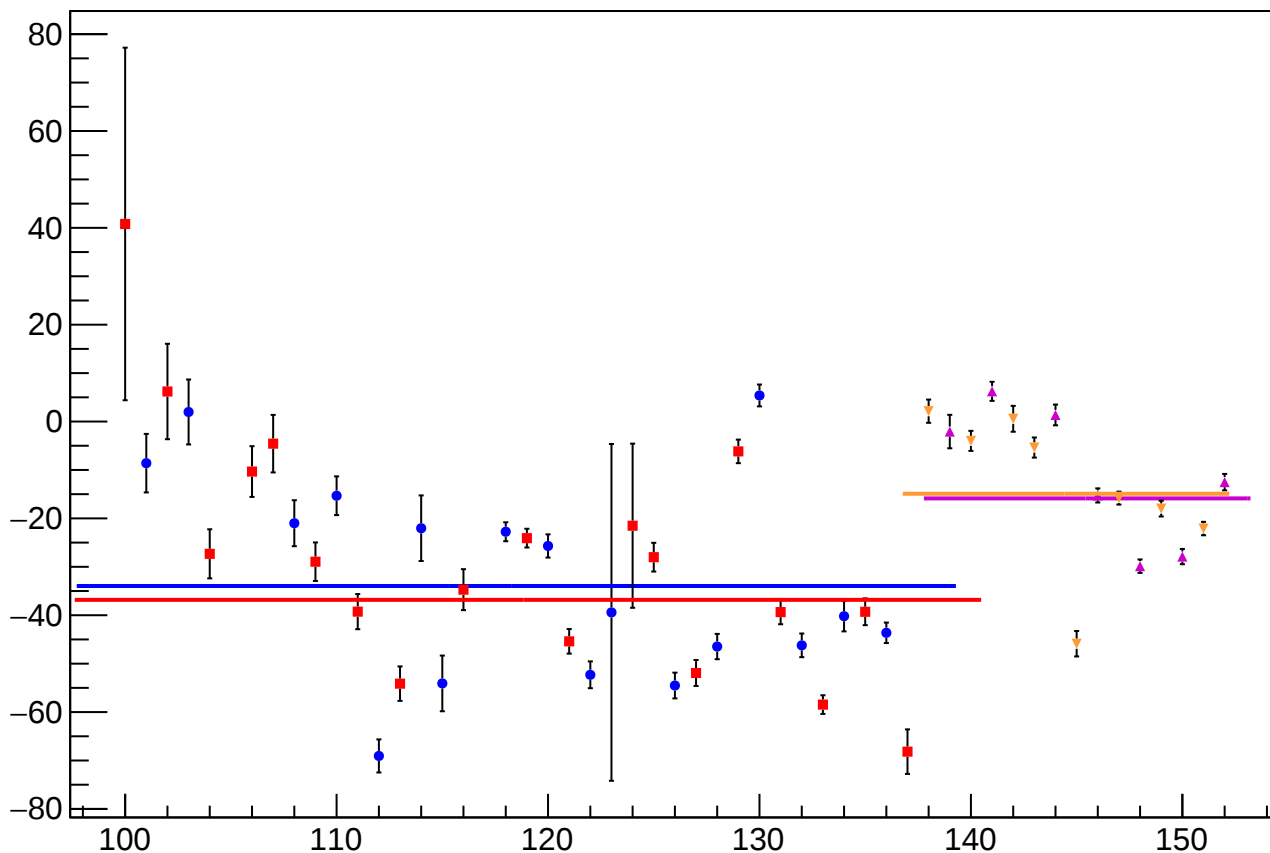
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 49.629 $\pm$ 0.655 χ^2 /NDF:2550.0/23

Out: 47.149 $\pm$ 0.663 χ^2 /NDF:3824.1/26

All: 48.404 $\pm$ 0.466 χ^2 /NDF: 6381.2/50

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: -14.908 ± 0.649 χ^2/NDF : 302.2/7

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -15.874 ± 0.659 χ^2/NDF : 371.1/6

Left: -15.383 ± 0.462 χ^2/NDF : 674.4/14

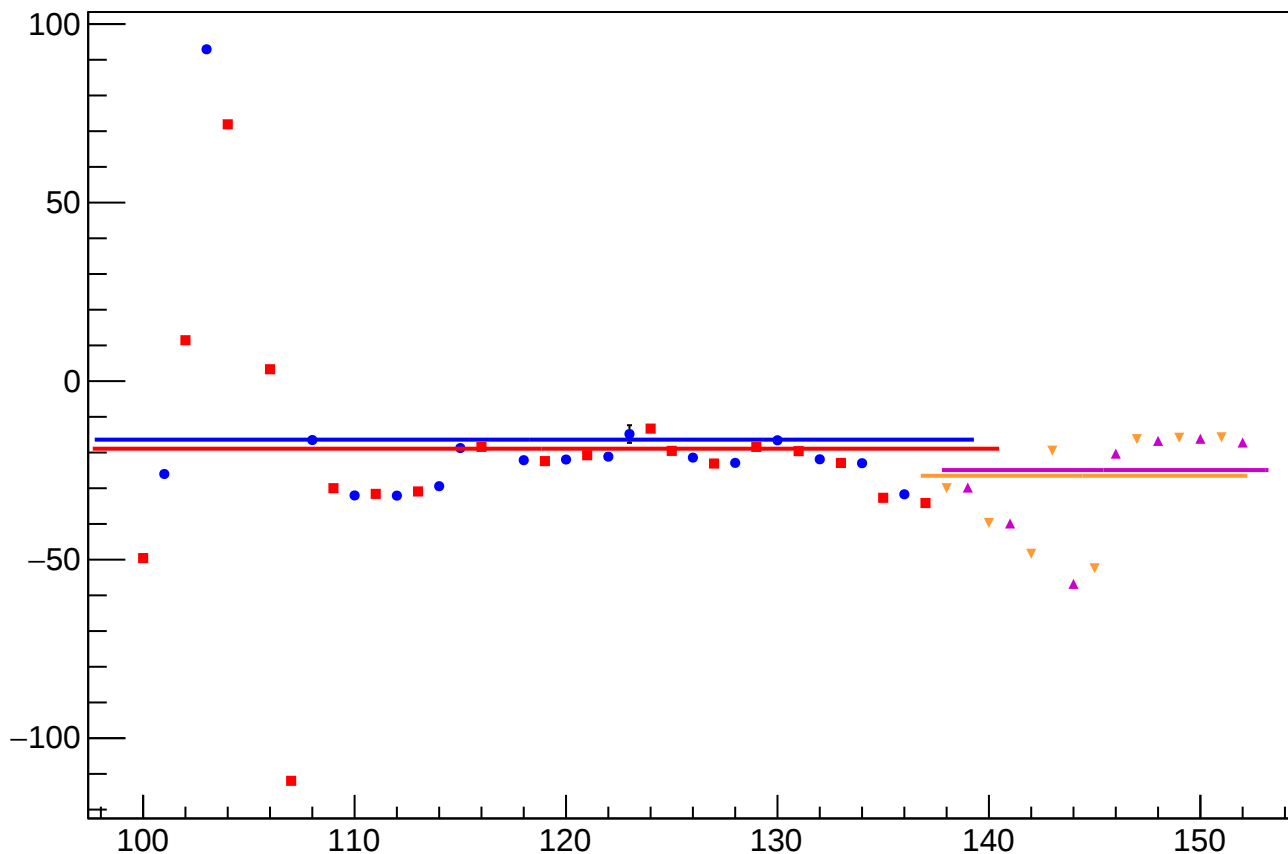
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -23.909 ± 0.492 χ^2/NDF : 1427.4/23

Out: -24.478 ± 0.487 χ^2/NDF : 1340.6/26

All: -24.196 ± 0.346 χ^2/NDF : 2768.7/50

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 χ^2/NDF : 474297.3/16

Left Out: -26.507 ± 0.033 χ^2/NDF : 152323.9/7

Right Out: -18.925 ± 0.045 χ^2/NDF : 434146.0/18

Left In: -24.913 ± 0.032 χ^2/NDF : 135305.8/6

Left: -25.675 ± 0.023 χ^2/NDF : 288813.4/14

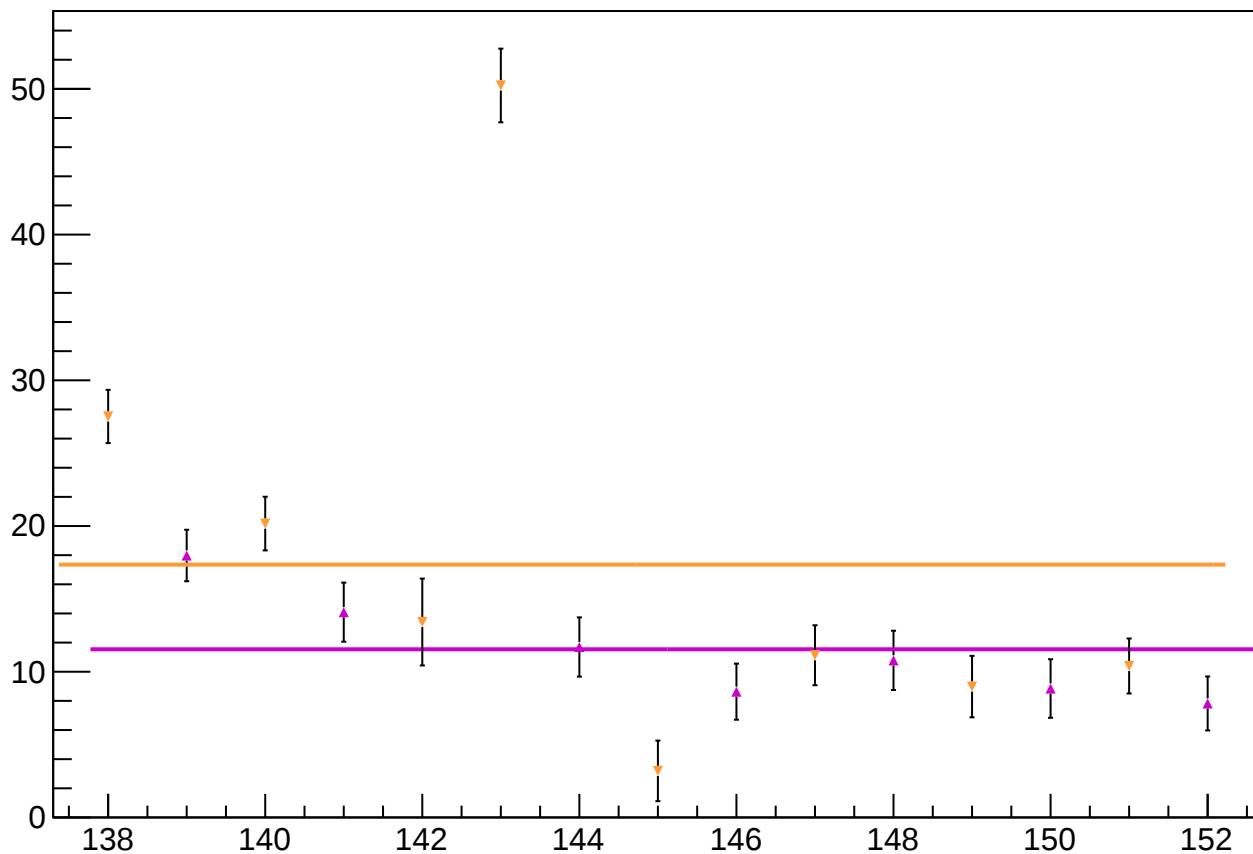
Right: -17.633 ± 0.032 χ^2/NDF : 910044.8/35

In: -22.002 ± 0.026 χ^2/NDF : 633820.5/23

Out: -23.825 ± 0.027 χ^2/NDF : 604614.1/26

All: -22.882 ± 0.019 χ^2/NDF : 1240811.3/50

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.351+/-0.738 χ^2/NDF :289.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.540+/-0.734 χ^2/NDF :23.1/6

Left: 14.431+/-0.520 χ^2/NDF : 343.4/14

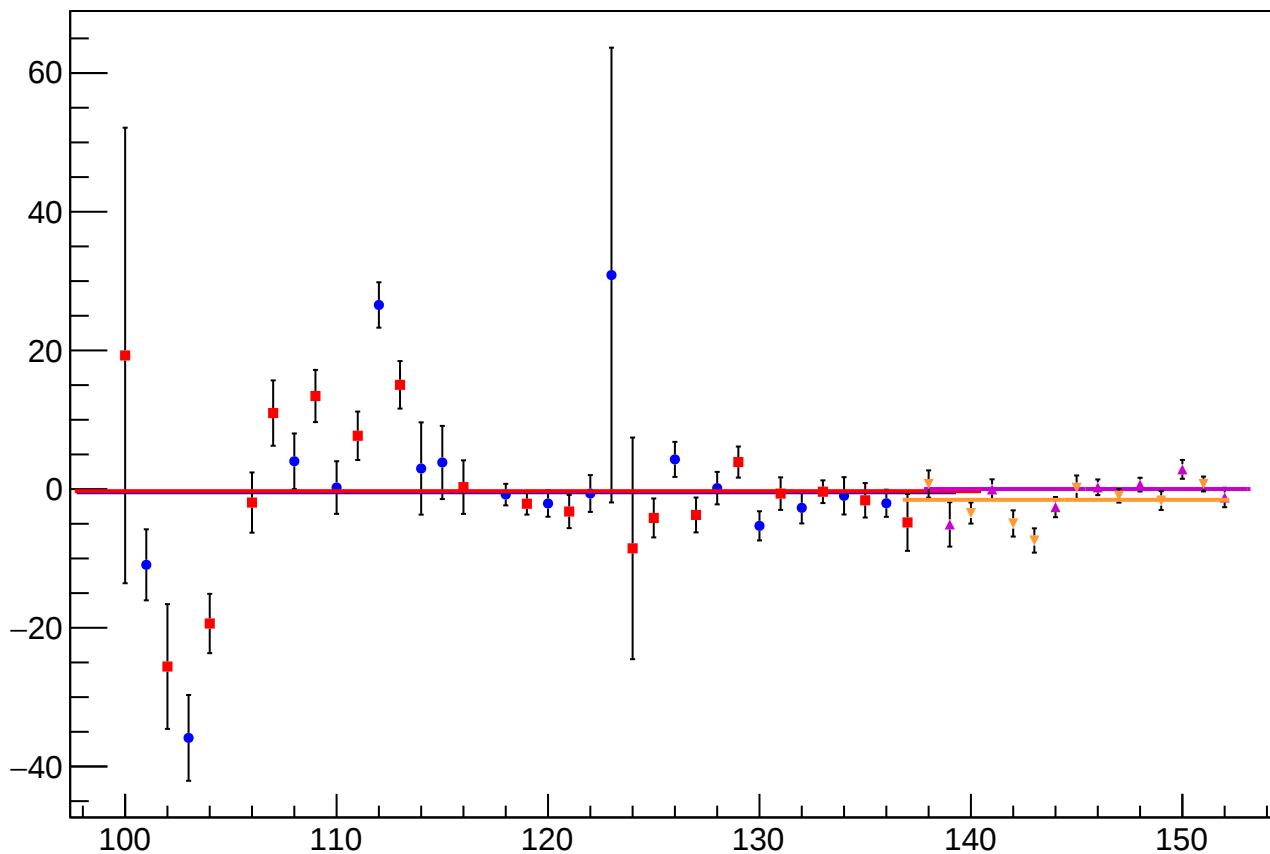
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.540+/-0.734 χ^2/NDF :23.1/6

Out: 17.351+/-0.738 χ^2/NDF :289.1/7

All: 14.431+/-0.520 χ^2/NDF : 343.4/14

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.546 ± 0.495 χ^2/NDF : 23.2/7

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.012 ± 0.507 χ^2/NDF : 11.3/6

Left: -0.785 ± 0.354 χ^2/NDF : 39.4/14

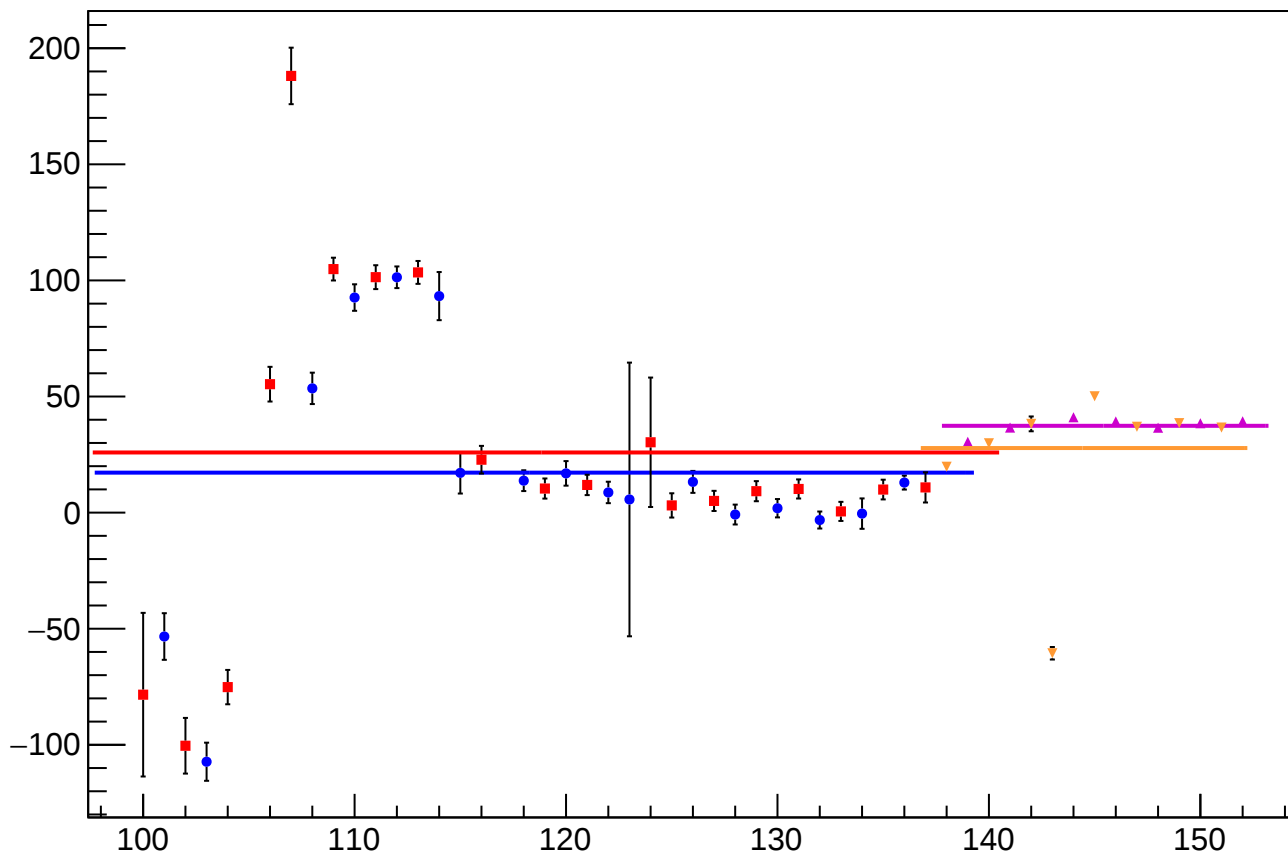
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.162 ± 0.401 χ^2/NDF : 131.2/23

Out: -1.094 ± 0.396 χ^2/NDF : 110.0/26

All: -0.634 ± 0.282 χ^2/NDF : 243.9/50

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 27.809+/-0.746 χ^2/NDF :1283.4/7

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 37.387+/-0.731 χ^2/NDF :18.7/6

Left: 32.696+/-0.522 χ^2/NDF : 1386.2/14

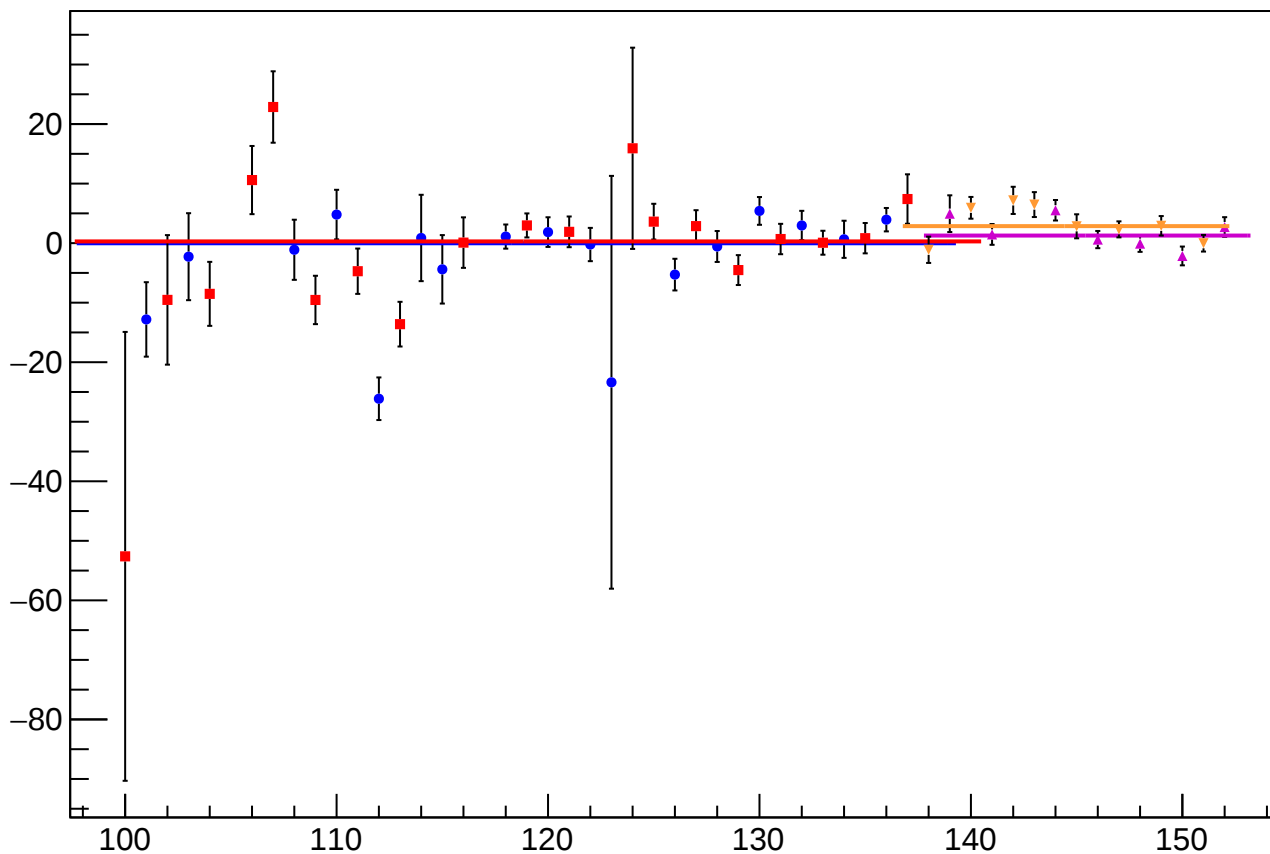
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 32.190+/-0.630 χ^2/NDF :1155.0/23

Out: 27.304+/-0.640 χ^2/NDF :2659.9/26

All: 29.785+/-0.449 χ^2/NDF : 3844.4/50

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.857 ± 0.619 χ^2/NDF : 17.1/7

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.272 ± 0.628 χ^2/NDF : 14.2/6

Left: 2.076 ± 0.441 χ^2/NDF : 34.5/14

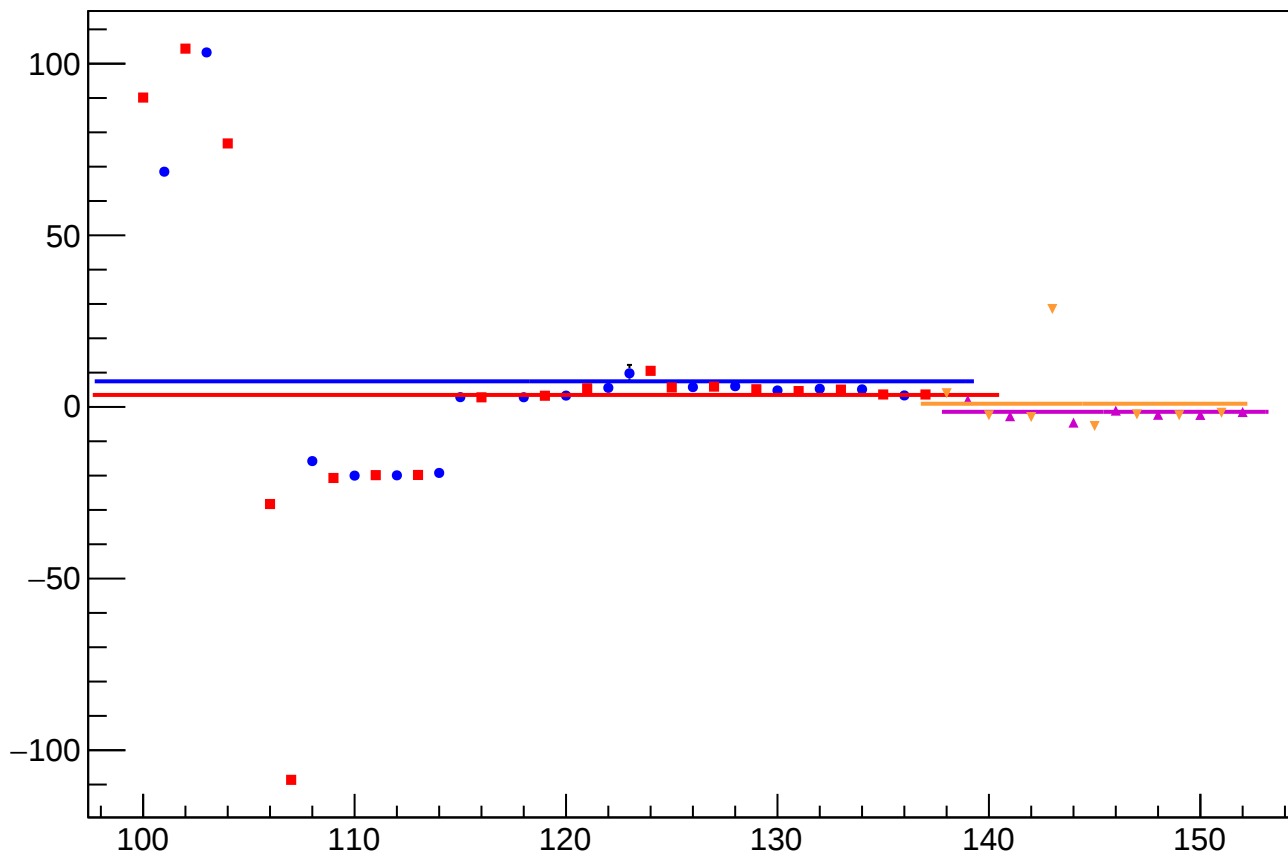
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.735 ± 0.480 χ^2/NDF : 91.8/23

Out: 1.816 ± 0.477 χ^2/NDF : 80.1/26

All: 1.278 ± 0.338 χ^2/NDF : 174.4/50

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.939 $\pm$ 0.031 χ^2 /NDF: 78646.8/7

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -1.419 $\pm$ 0.030 χ^2 /NDF: 4132.6/6

Left: -0.289 $\pm$ 0.022 χ^2 /NDF: 85716.2/14

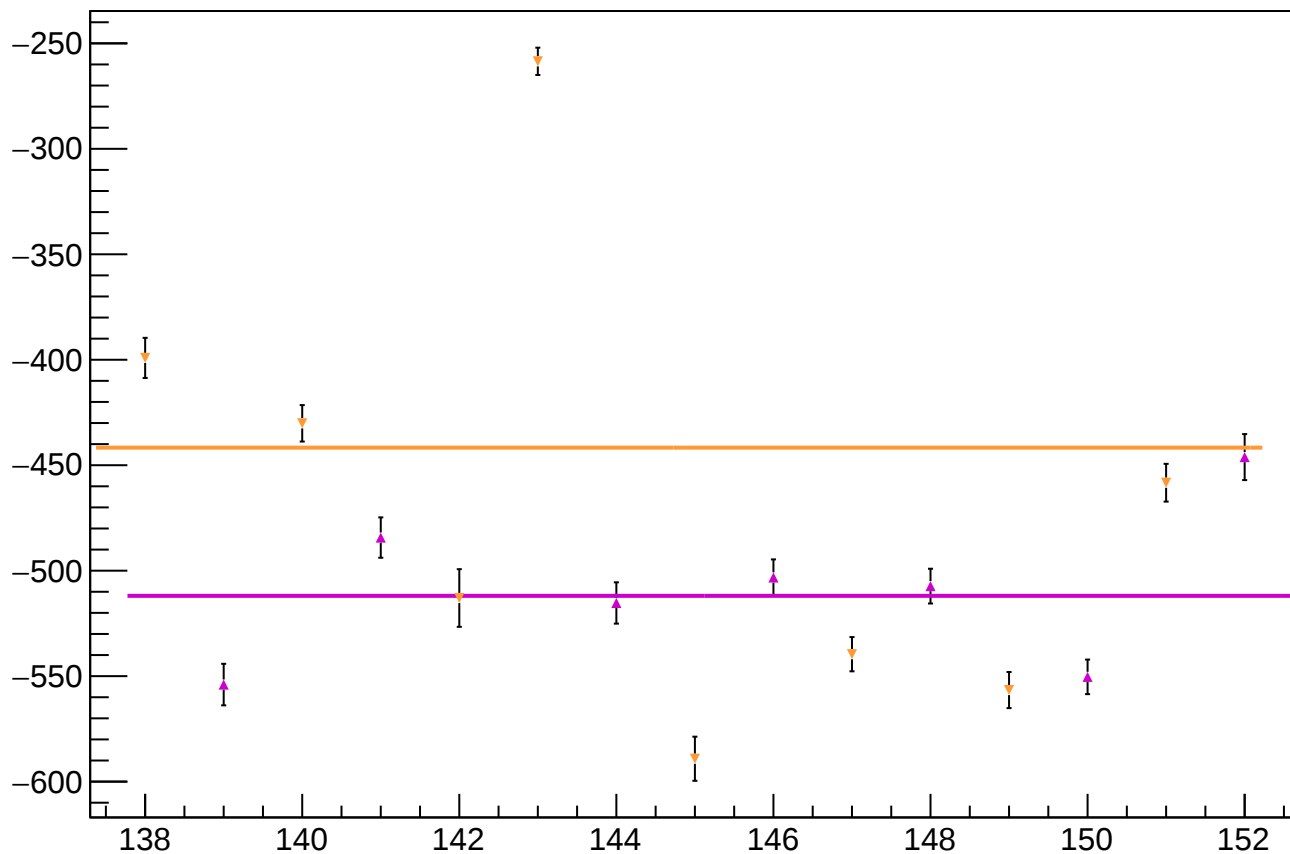
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 1.375 $\pm$ 0.025 χ^2 /NDF: 387394.1/23

Out: 1.764 $\pm$ 0.026 χ^2 /NDF: 591365.8/26

All: 1.563 $\pm$ 0.018 χ^2 /NDF: 978876.8/50

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: -441.675+/-3.100 χ^2/NDF :1376.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -511.928+/-3.465 χ^2/NDF :86.4/6

Left: -472.906+/-2.310 χ^2/NDF : 1691.2/14

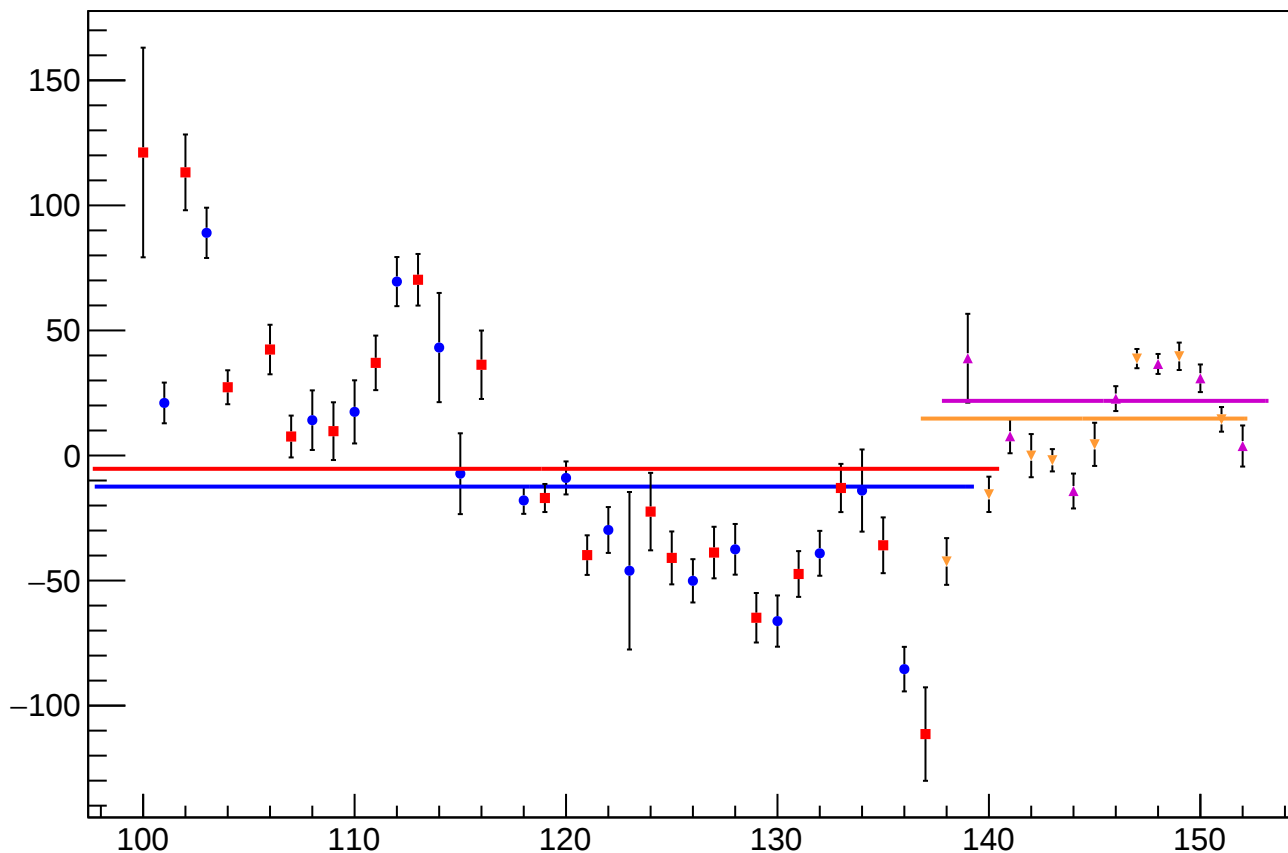
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.928+/-3.465 χ^2/NDF :86.4/6

Out: -441.675+/-3.100 χ^2/NDF :1376.5/7

All: -472.906+/-2.310 χ^2/NDF : 1691.2/14

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 14.769 ± 1.997 χ^2/NDF : 133.7/7

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 21.849 ± 2.259 χ^2/NDF : 53.1/6

Left: 17.876 ± 1.496 χ^2/NDF : 192.3/14

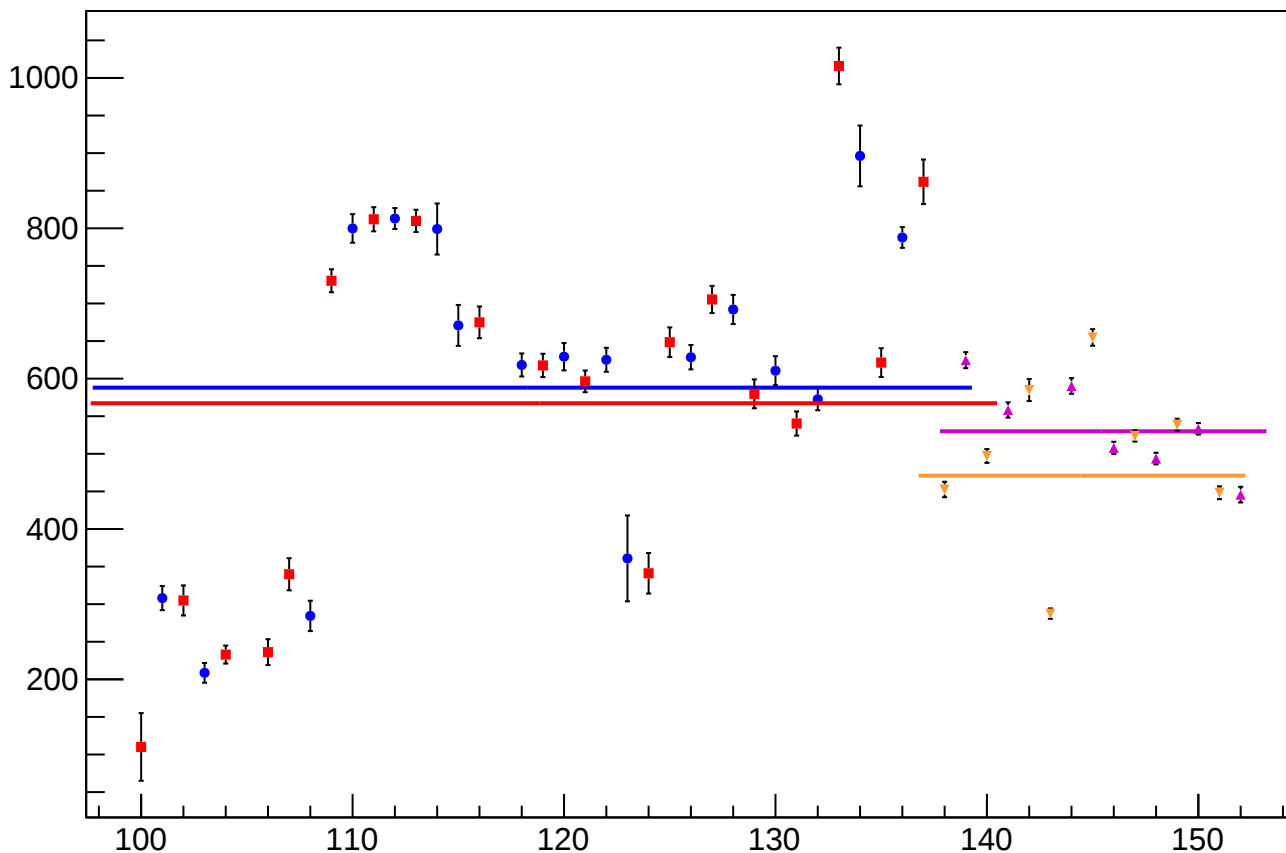
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 5.133 ± 1.617 χ^2/NDF : 505.7/23

Out: 5.961 ± 1.496 χ^2/NDF : 520.8/26

All: 5.579 ± 1.098 χ^2/NDF : 1026.7/50

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 470.947 $\pm$ 3.134 χ^2 /NDF:1183.5/7

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 529.998 $\pm$ 3.421 χ^2 /NDF:214.2/6

Left: 497.886 $\pm$ 2.311 χ^2 /NDF: 1559.8/14

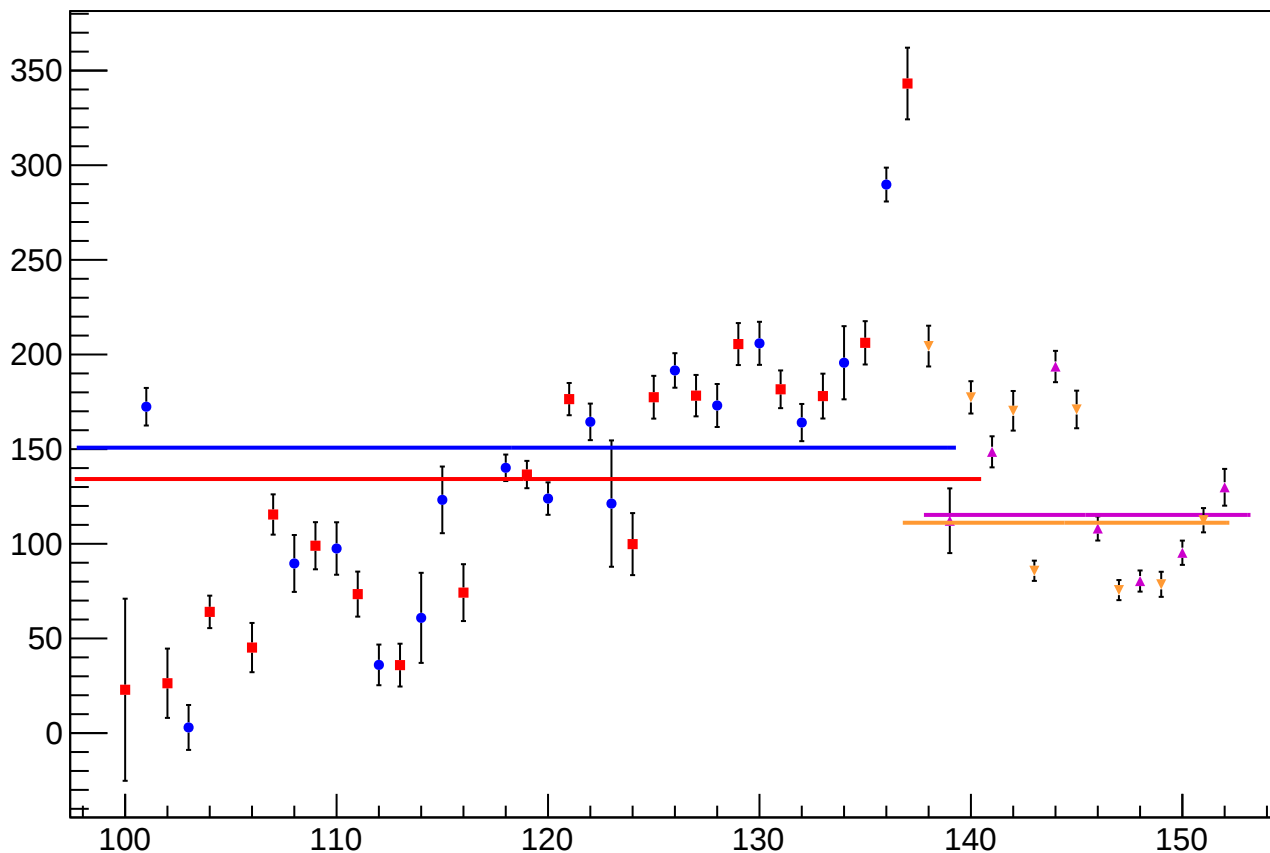
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 552.311 $\pm$ 2.684 χ^2 /NDF:2452.6/23

Out: 506.121 $\pm$ 2.497 χ^2 /NDF:4313.0/26

All: 527.550 $\pm$ 1.828 χ^2 /NDF: 6924.4/50

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: 111.127 $\pm$ 2.506 χ^2 /NDF:295.2/7

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 115.263 $\pm$ 2.834 χ^2 /NDF:158.7/6

Left: 112.942 $\pm$ 1.877 χ^2 /NDF: 455.1/14

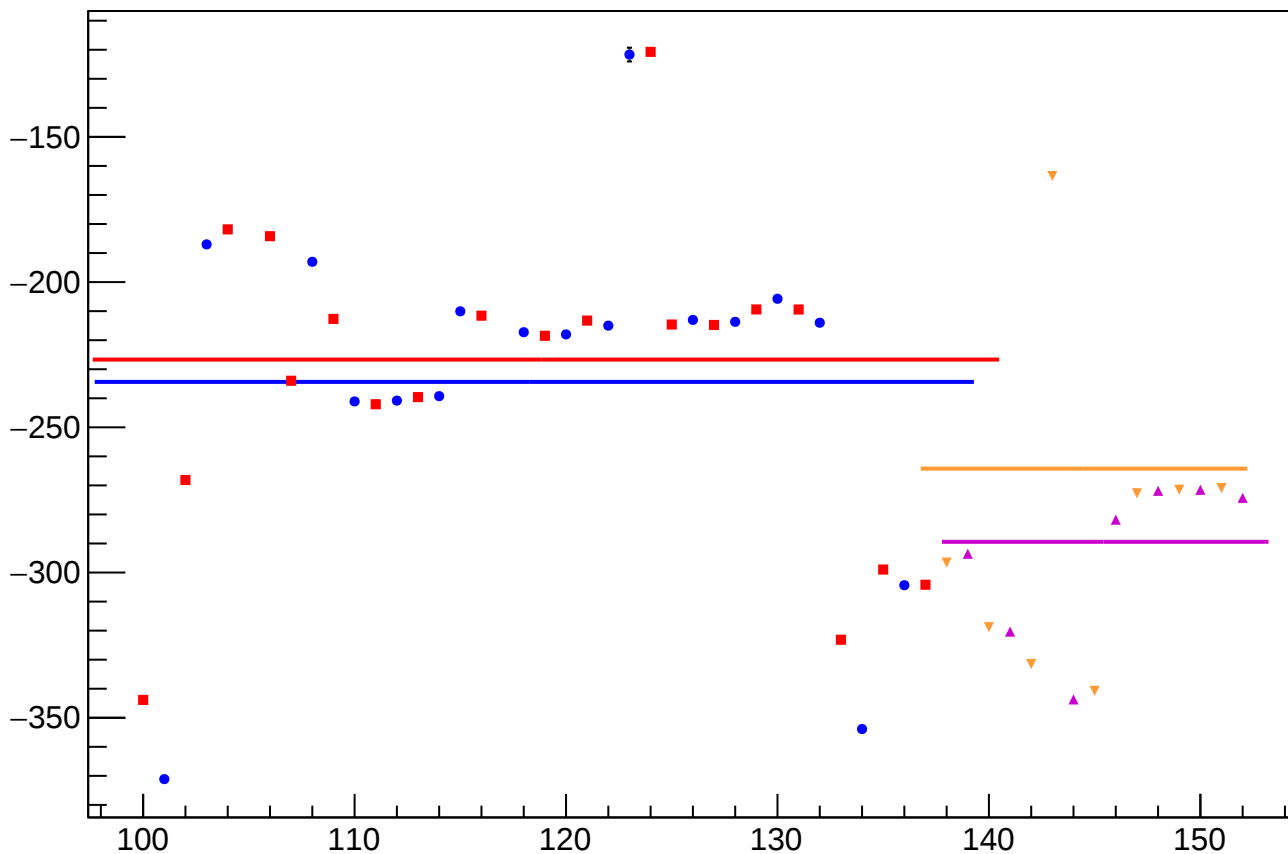
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 134.017 $\pm$ 1.947 χ^2 /NDF:874.7/23

Out: 122.179 $\pm$ 1.809 χ^2 /NDF:917.5/26

All: 127.666 $\pm$ 1.325 χ^2 /NDF: 1812.1/50

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: -264.230+/-0.133 χ^2/NDF : 201216.7/7

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -289.418+/-0.143 χ^2/NDF : 27350.5/6

Left: -275.911+/-0.097 χ^2/NDF : 245231.5/14

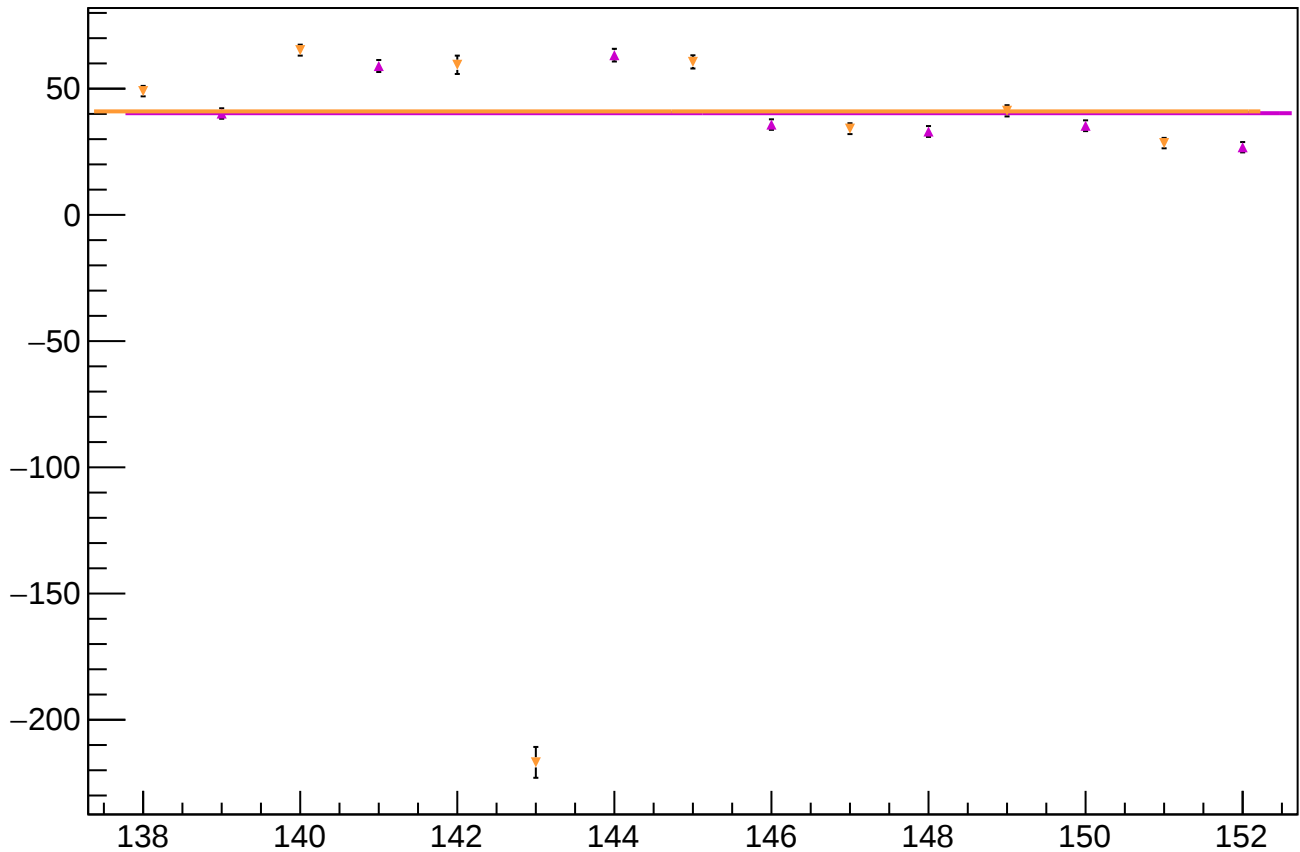
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -262.946+/-0.103 χ^2/NDF : 243901.0/23

Out: -246.599+/-0.097 χ^2/NDF : 338208.5/26

All: -254.268+/-0.071 χ^2/NDF : 595492.9/50

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.000+/-0.861 χ^2/NDF :2049.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.281+/-0.824 χ^2/NDF :210.2/6

Left: 40.624+/-0.595 χ^2/NDF : 2260.0/14

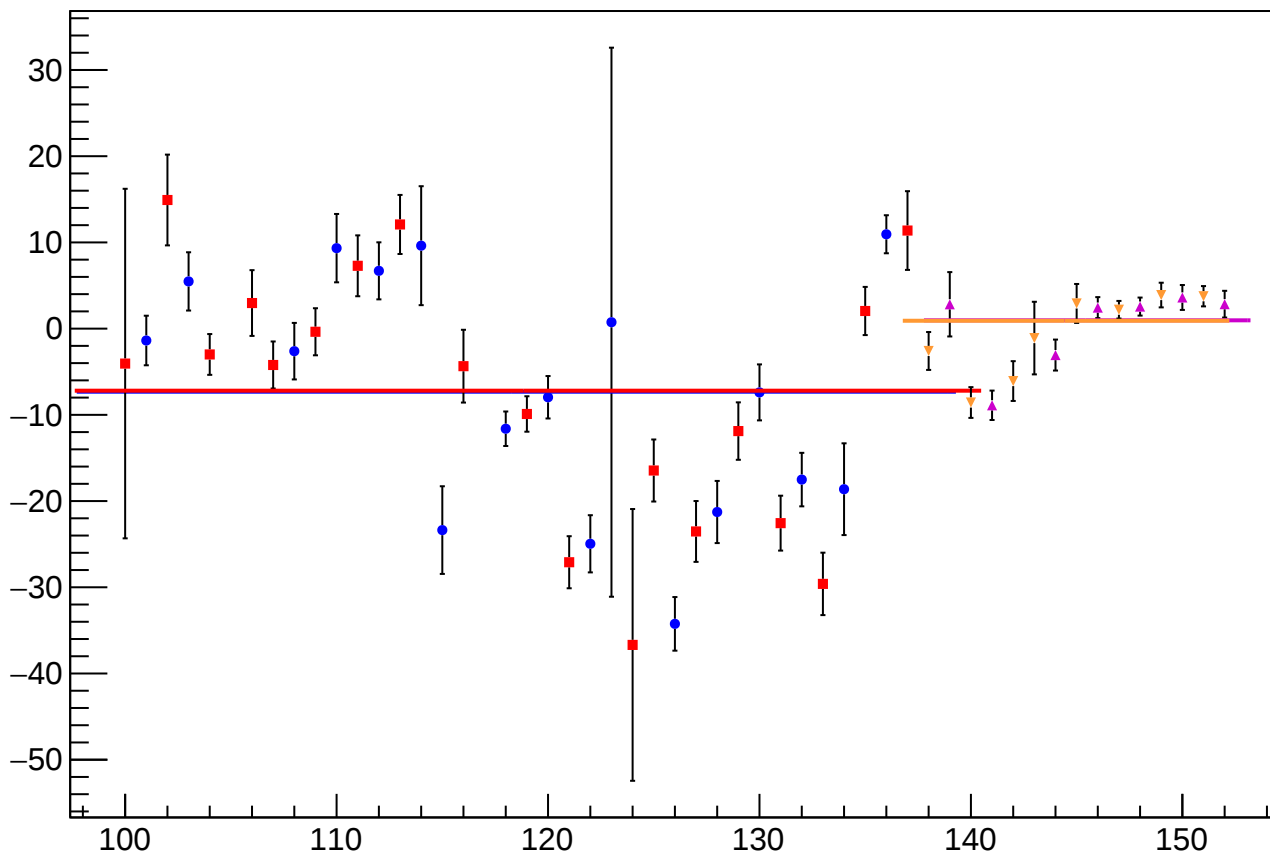
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.281+/-0.824 χ^2/NDF :210.2/6

Out: 41.000+/-0.861 χ^2/NDF :2049.5/7

All: 40.624+/-0.595 χ^2/NDF : 2260.0/14

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: 0.914 ± 0.565 χ^2/NDF : 52.8/7

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.964 ± 0.558 χ^2/NDF : 47.3/6

Left: 0.939 ± 0.397 χ^2/NDF : 100.1/14

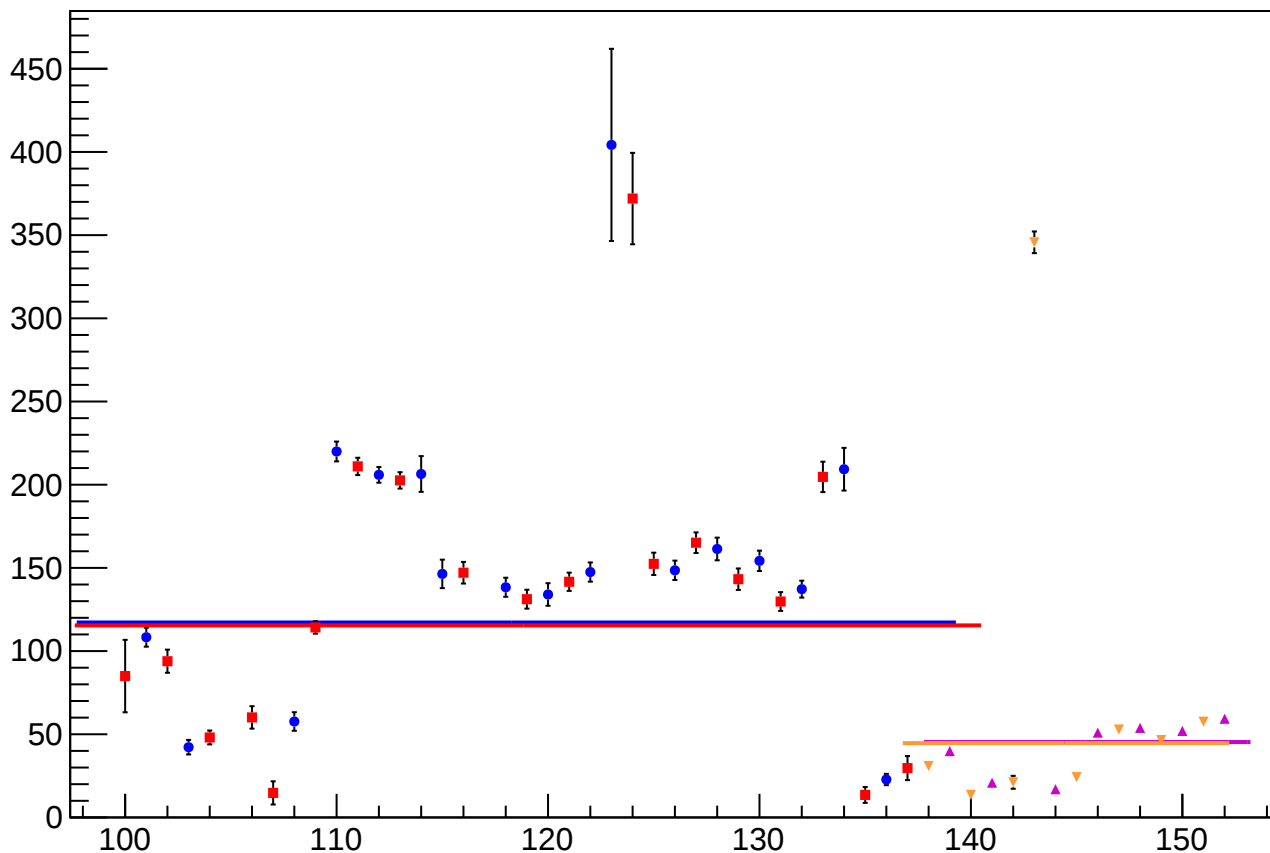
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.837 ± 0.454 χ^2/NDF : 400.9/23

Out: -1.966 ± 0.454 χ^2/NDF : 378.1/26

All: -1.901 ± 0.321 χ^2/NDF : 779.1/50

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.657+/-0.862 χ^2/NDF :2504.7/7

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 45.334+/-0.816 χ^2/NDF :298.3/6

Left: 45.015+/-0.592 χ^2/NDF : 2803.3/14

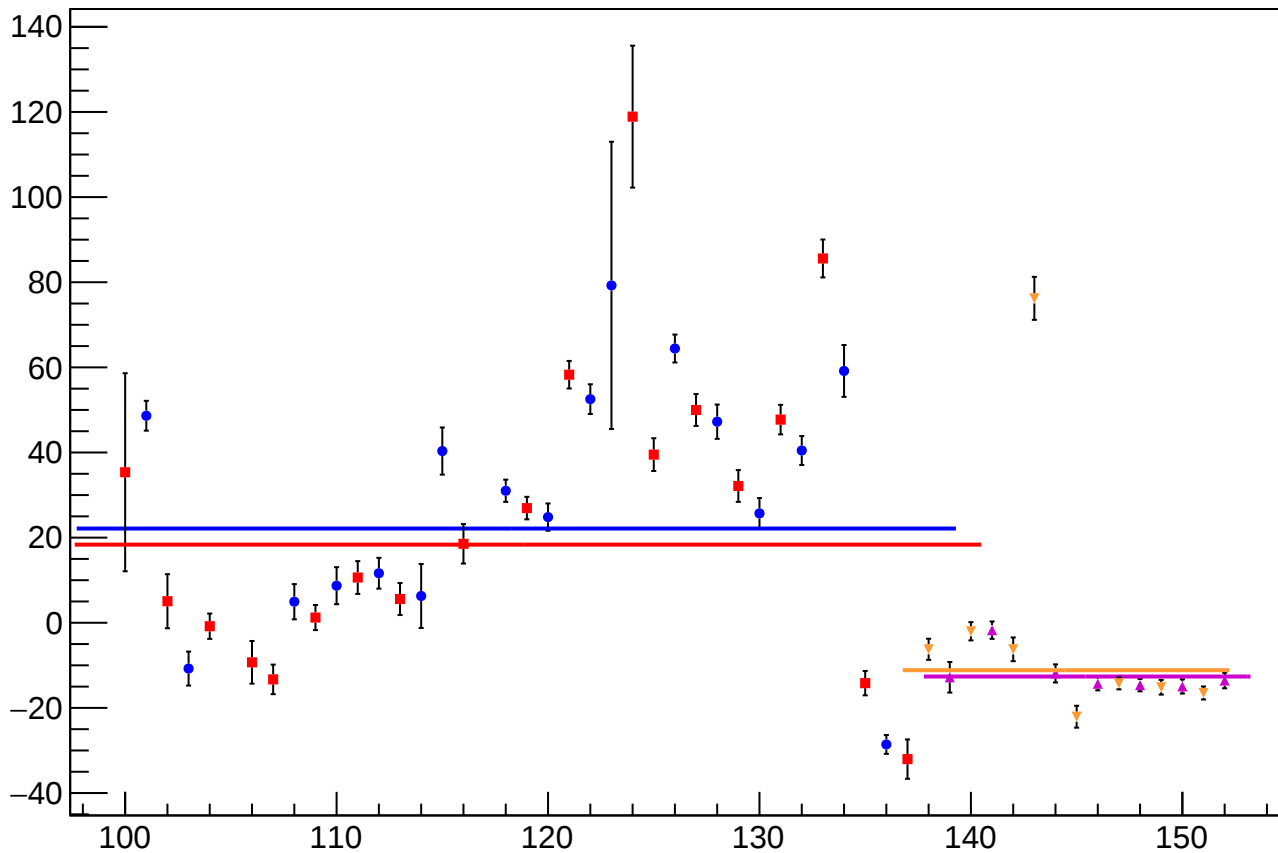
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 63.326+/-0.706 χ^2/NDF :4400.1/23

Out: 64.929+/-0.728 χ^2/NDF :6587.2/26

All: 64.103+/-0.507 χ^2/NDF : 10989.8/50

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -11.142+/-0.713 χ^2/NDF : 365.2/7

Right Out: 18.355+/-0.871 χ^2/NDF : 1070.9/18

Left In: -12.628+/-0.695 χ^2/NDF : 33.7/6

Left: -11.904+/-0.497 χ^2/NDF : 401.2/14

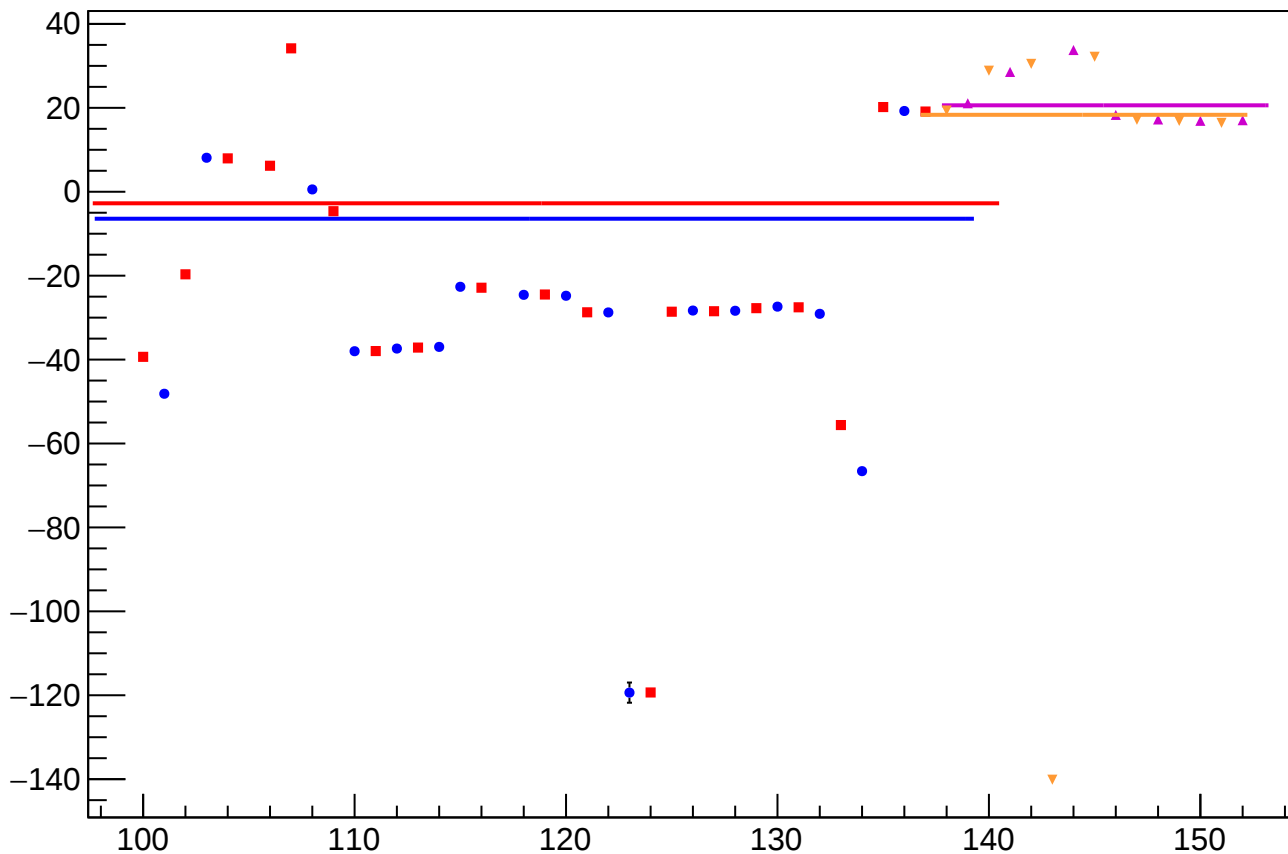
Right: 20.203+/-0.623 χ^2/NDF : 2144.2/35

In: 0.511+/-0.548 χ^2/NDF : 2044.5/23

Out: 0.683+/-0.552 χ^2/NDF : 2122.6/26

All: 0.596+/-0.389 χ^2/NDF : 4167.2/50

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 18.338 ± 0.037 $\chi^2/\text{NDF}: 399576.0/7$

Right Out: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 20.601 ± 0.034 $\chi^2/\text{NDF}: 24732.2/6$

Left: 19.563 ± 0.025 $\chi^2/\text{NDF}: 426374.8/14$

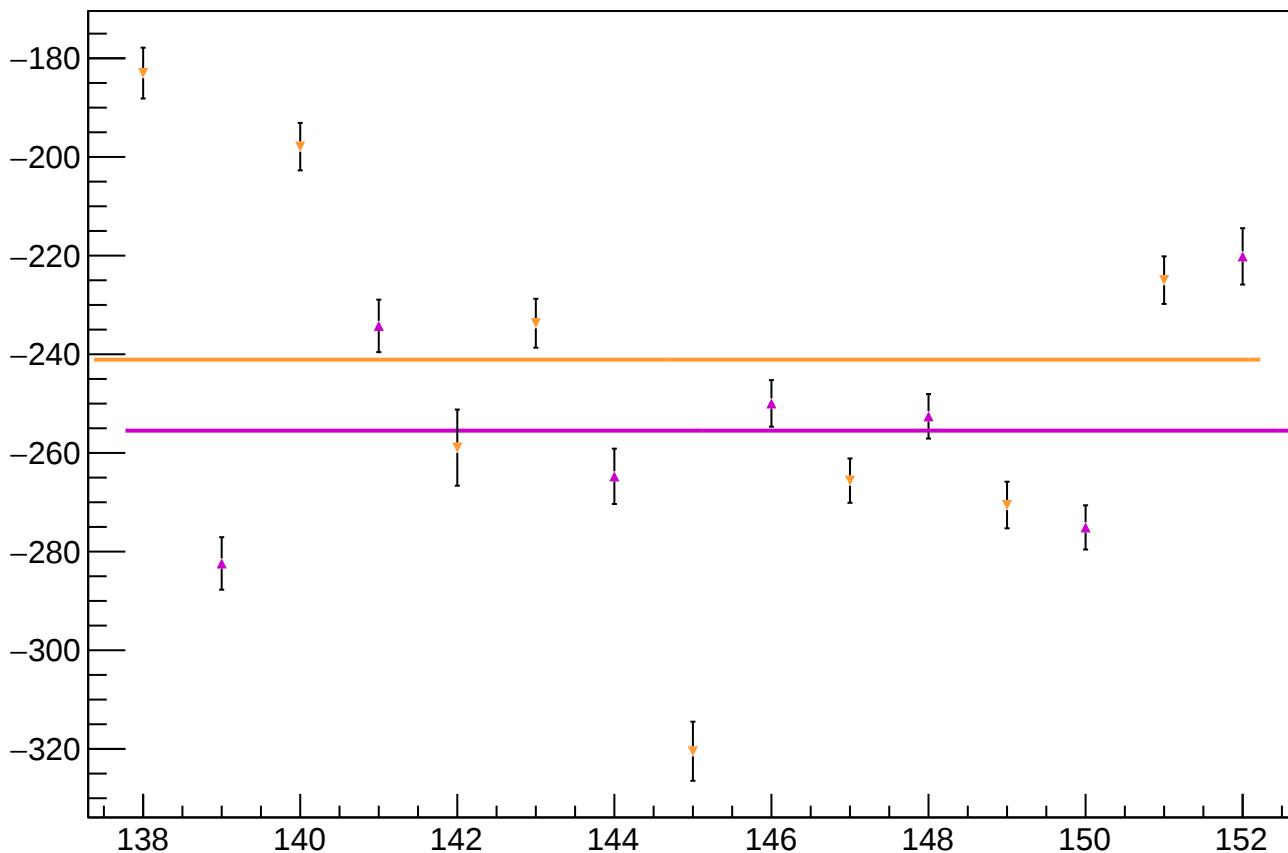
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 11.213 ± 0.027 $\chi^2/\text{NDF}: 513169.2/23$

Out: 10.087 ± 0.029 $\chi^2/\text{NDF}: 795633.6/26$

All: 10.677 ± 0.020 $\chi^2/\text{NDF}: 1309617.2/50$

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: -241.092+/-1.816 χ^2/NDF :470.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.477+/-1.901 χ^2/NDF :103.4/6

Left: -247.955+/-1.313 χ^2/NDF : 603.9/14

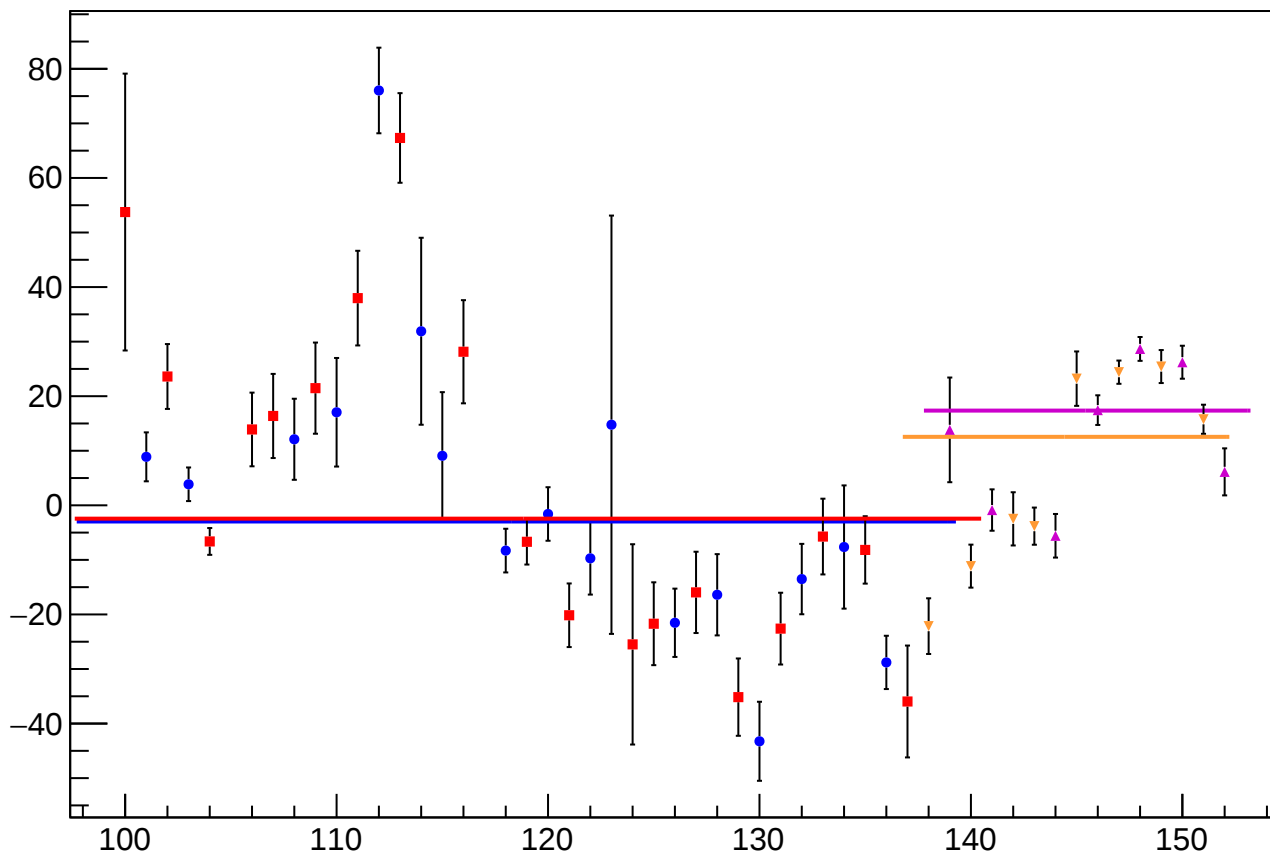
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.477+/-1.901 χ^2/NDF :103.4/6

Out: -241.092+/-1.816 χ^2/NDF :470.5/7

All: -247.955+/-1.313 χ^2/NDF : 603.9/14

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 12.550 ± 1.161 $\chi^2/\text{NDF}: 170.1/7$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 17.361 ± 1.240 $\chi^2/\text{NDF}: 98.3/6$

Left: 14.799 ± 0.847 $\chi^2/\text{NDF}: 276.5/14$

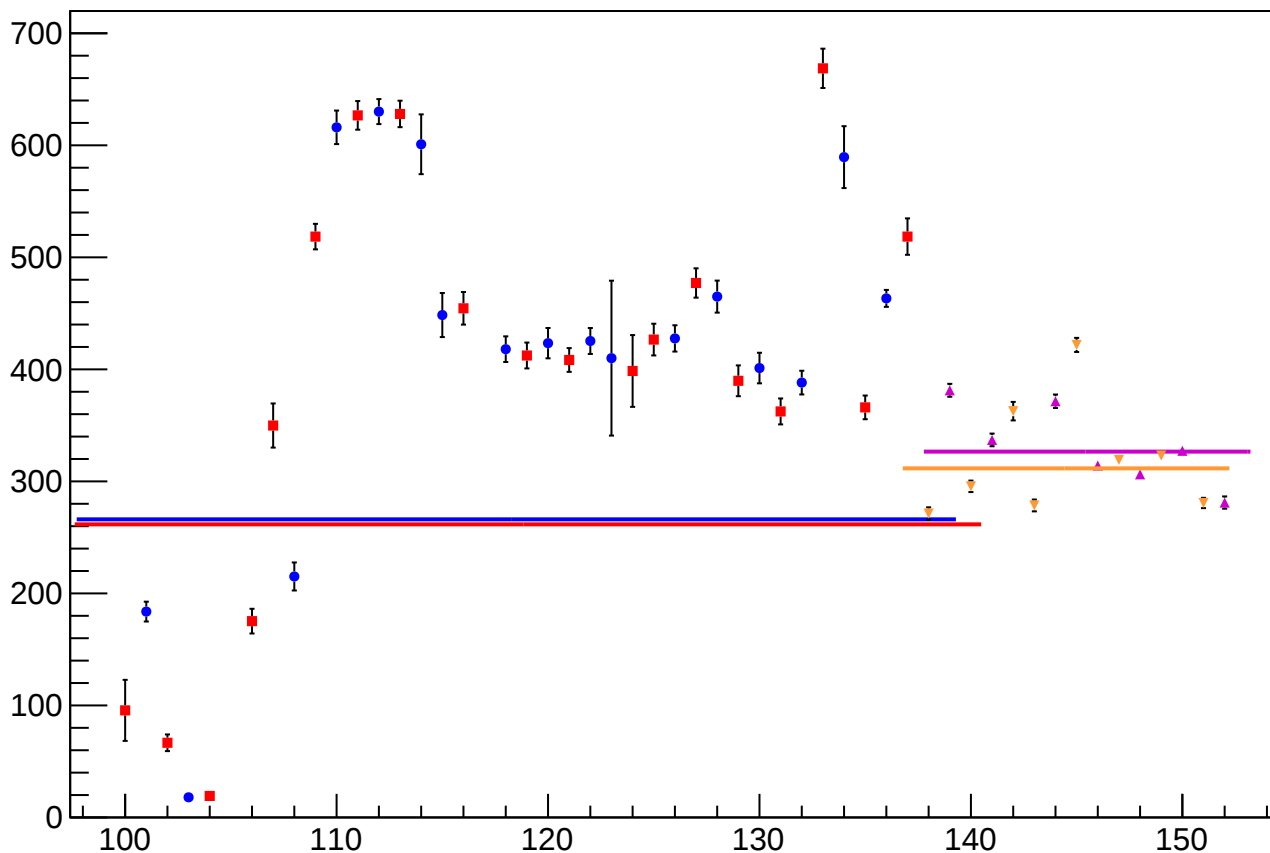
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 8.796 ± 0.943 $\chi^2/\text{NDF}: 415.2/23$

Out: 6.421 ± 0.893 $\chi^2/\text{NDF}: 453.7/26$

All: 7.544 ± 0.648 $\chi^2/\text{NDF}: 872.2/50$

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: 311.618 $\pm$ 1.822 χ^2/NDF :501.1/7

Right Out: 261.642 $\pm$ 2.457 χ^2/NDF : 8209.5/18

Left In: 326.572 $\pm$ 1.874 χ^2/NDF :249.5/6

Left: 318.884 $\pm$ 1.307 χ^2/NDF : 783.3/14

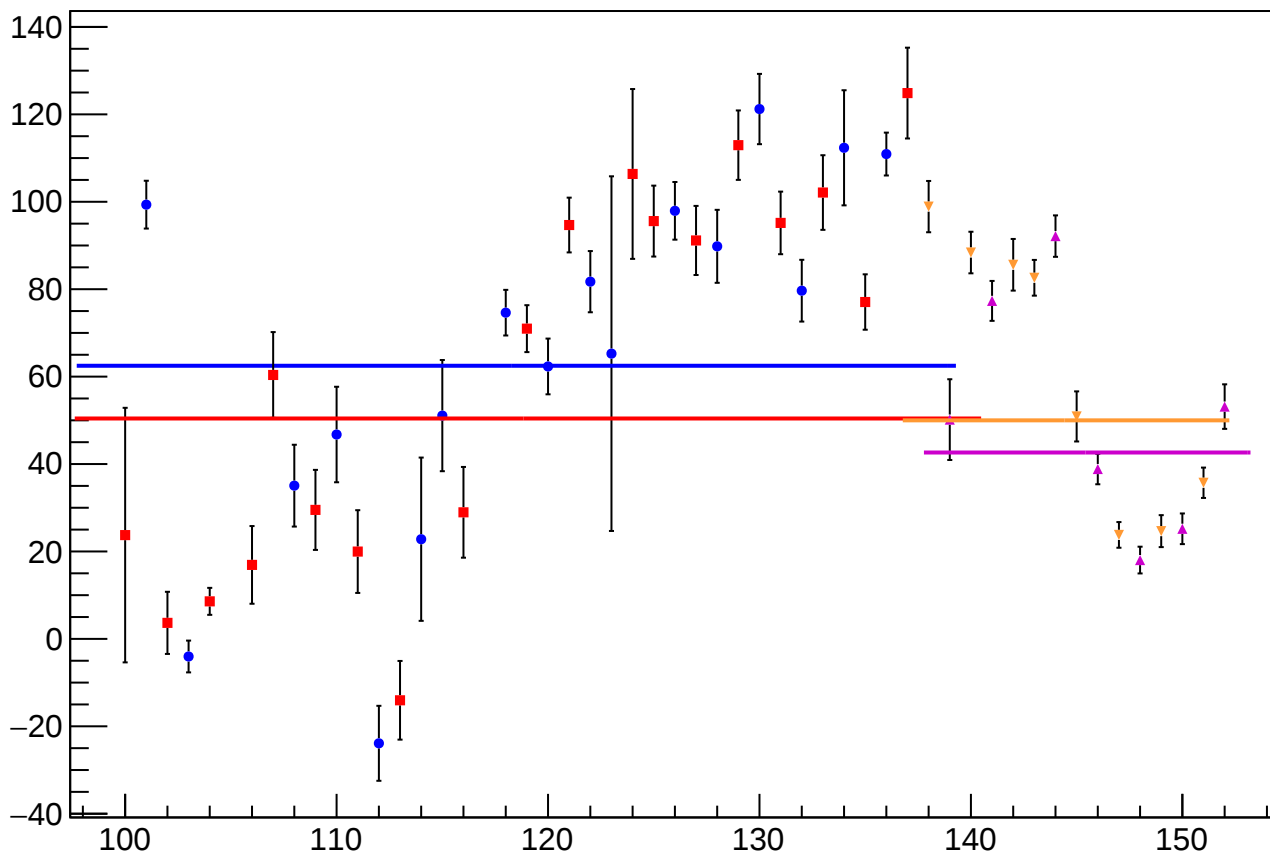
Right: 263.855 $\pm$ 1.745 χ^2/NDF : 15855.1/35

In: 304.592 $\pm$ 1.495 χ^2/NDF :8271.7/23

Out: 293.877 $\pm$ 1.464 χ^2/NDF :8977.5/26

All: 299.119 $\pm$ 1.046 χ^2/NDF : 17275.4/50

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 49.996+/-1.465 χ^2/NDF : 379.1/7

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 42.639+/-1.556 χ^2/NDF : 262.3/6

Left: 46.539+/-1.067 χ^2/NDF : 653.2/14

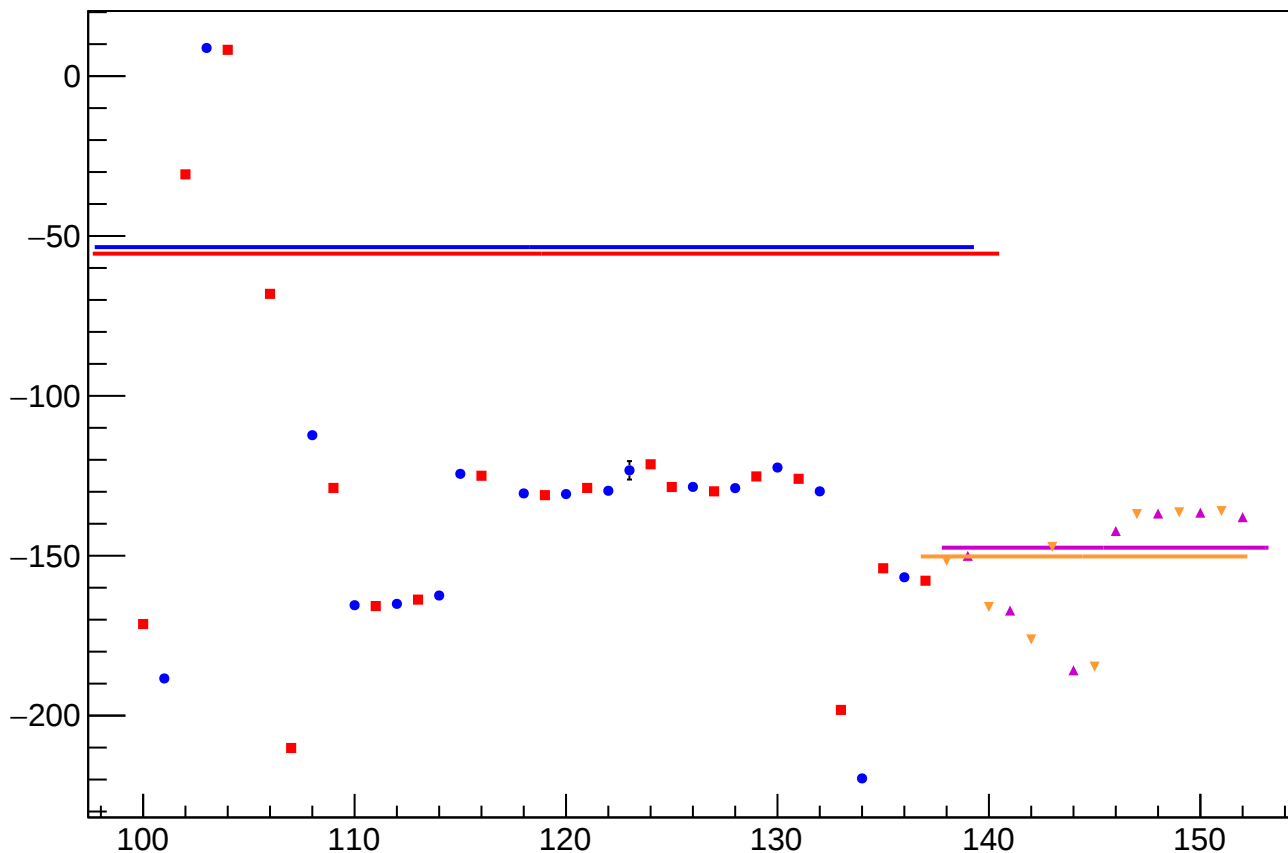
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 51.797+/-1.142 χ^2/NDF : 1058.1/23

Out: 50.185+/-1.093 χ^2/NDF : 1030.6/26

All: 50.956+/-0.790 χ^2/NDF : 2089.7/50

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -150.229+/-0.078 χ^2/NDF : 45270.2/7

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -147.485+/-0.078 χ^2/NDF : 38604.9/6

Left: -148.865+/-0.055 χ^2/NDF : 84494.3/14

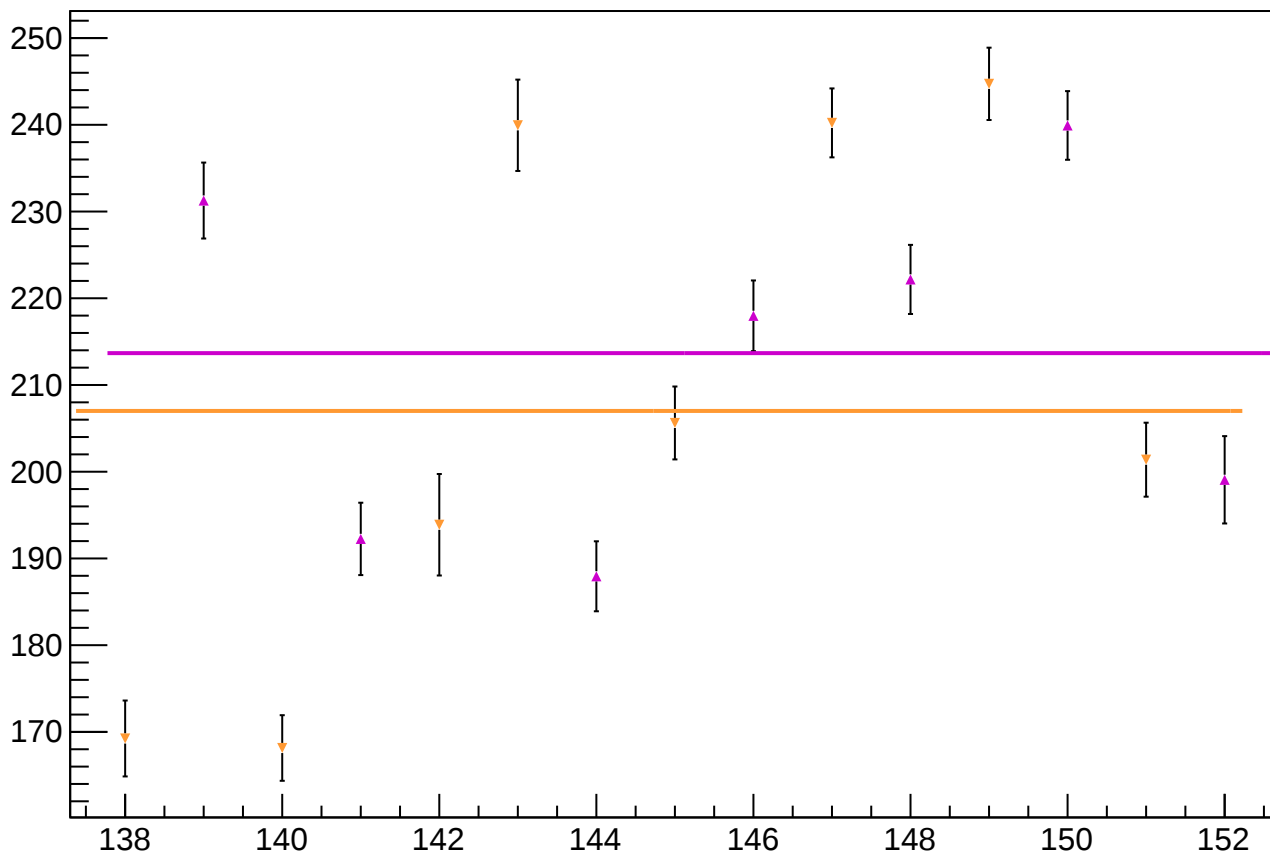
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -95.516+/-0.052 χ^2/NDF : 2066681.5/23

Out: -99.183+/-0.053 χ^2/NDF : 1815089.3/26

All: -97.332+/-0.037 χ^2/NDF : 3884206.8/50

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: 207.008+/-1.543 χ^2/NDF :377.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 213.673+/-1.586 χ^2/NDF :141.2/6

Left: 210.250+/-1.106 χ^2/NDF : 528.0/14

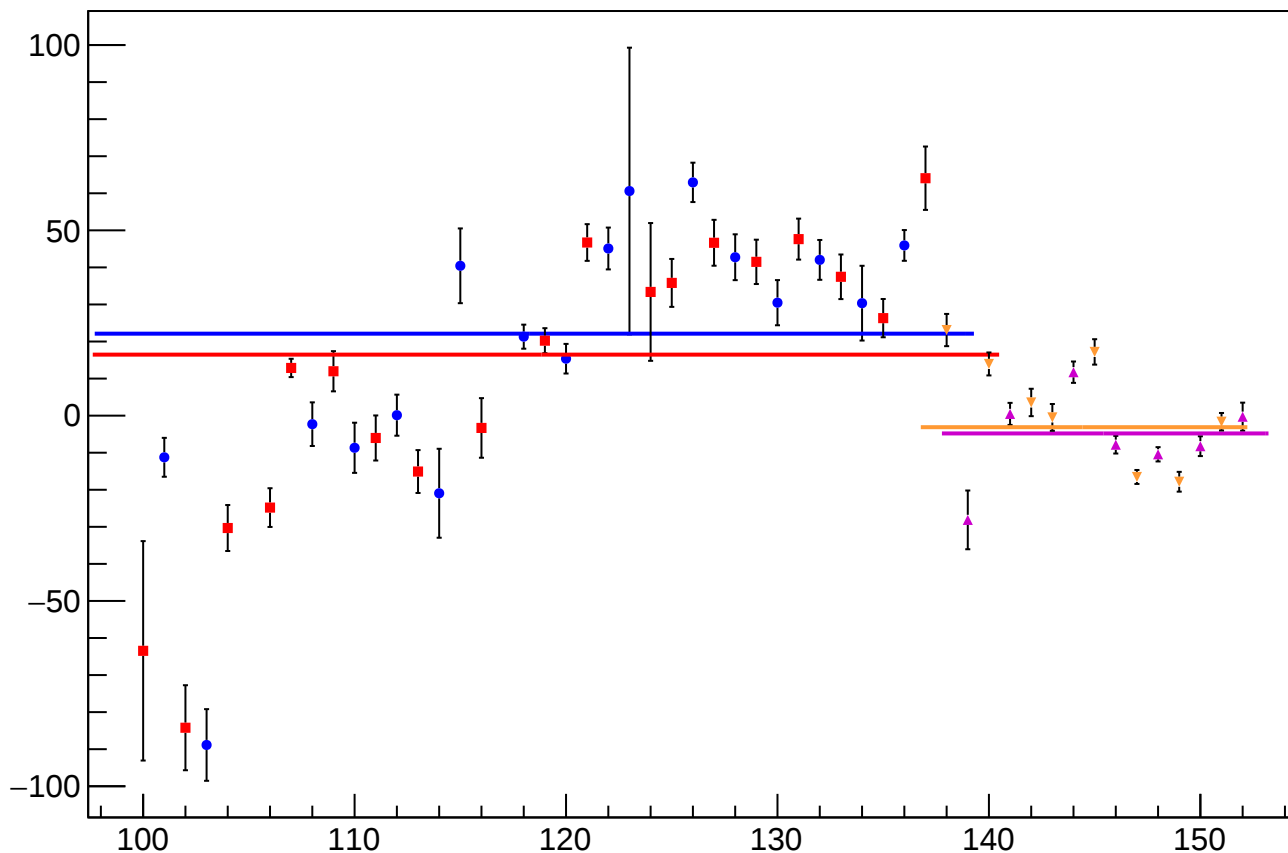
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.673+/-1.586 χ^2/NDF :141.2/6

Out: 207.008+/-1.543 χ^2/NDF :377.7/7

All: 210.250+/-1.106 χ^2/NDF : 528.0/14

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: -3.116 ± 1.003 $\chi^2/\text{NDF}: 187.1/7$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -4.802 ± 1.052 $\chi^2/\text{NDF}: 57.9/6$

Left: -3.919 ± 0.726 $\chi^2/\text{NDF}: 246.4/14$

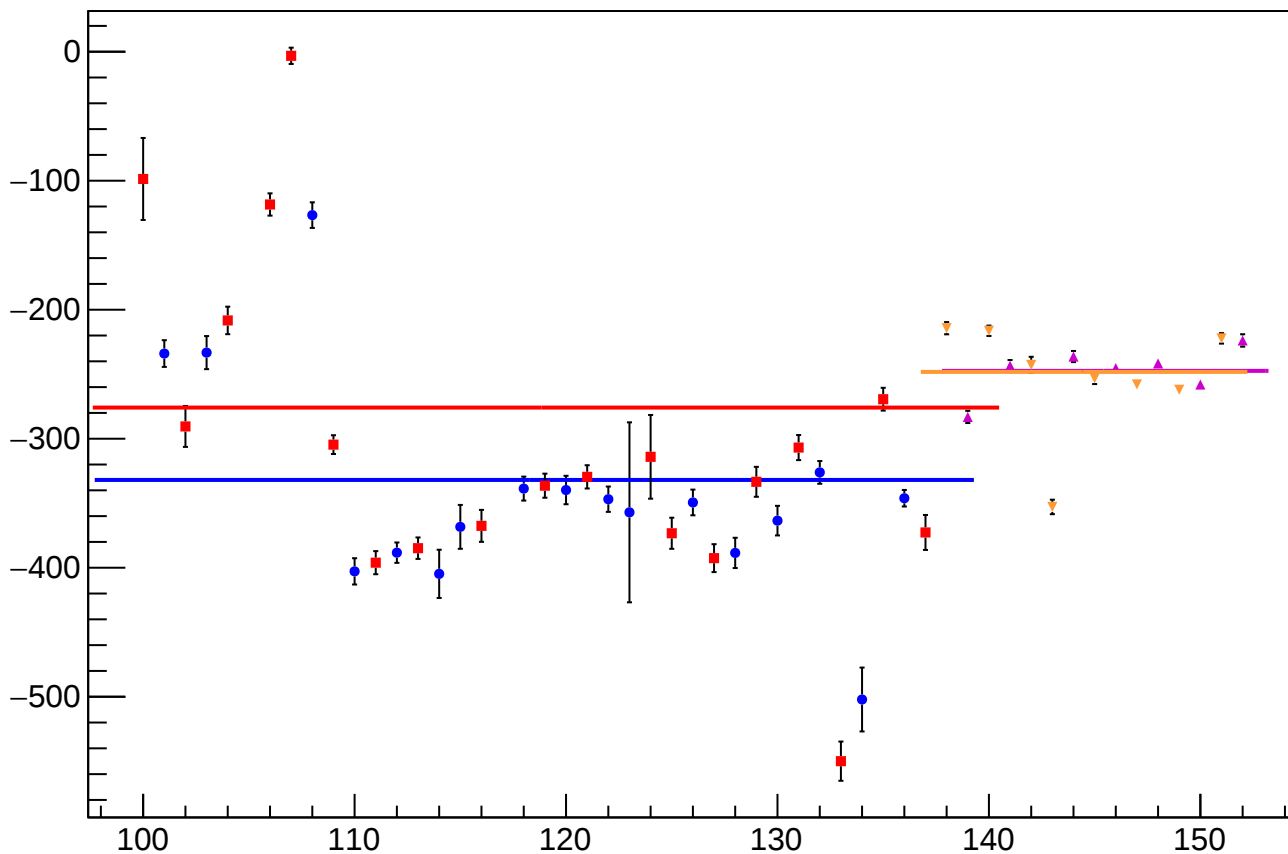
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 5.122 ± 0.836 $\chi^2/\text{NDF}: 681.4/23$

Out: 4.720 ± 0.777 $\chi^2/\text{NDF}: 763.7/26$

All: 4.907 ± 0.569 $\chi^2/\text{NDF}: 1445.3/50$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.203 ± 1.557 χ^2/NDF : 523.4/7

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -247.401 ± 1.576 χ^2/NDF : 99.0/6

Left: -247.807 ± 1.108 χ^2/NDF : 622.5/14

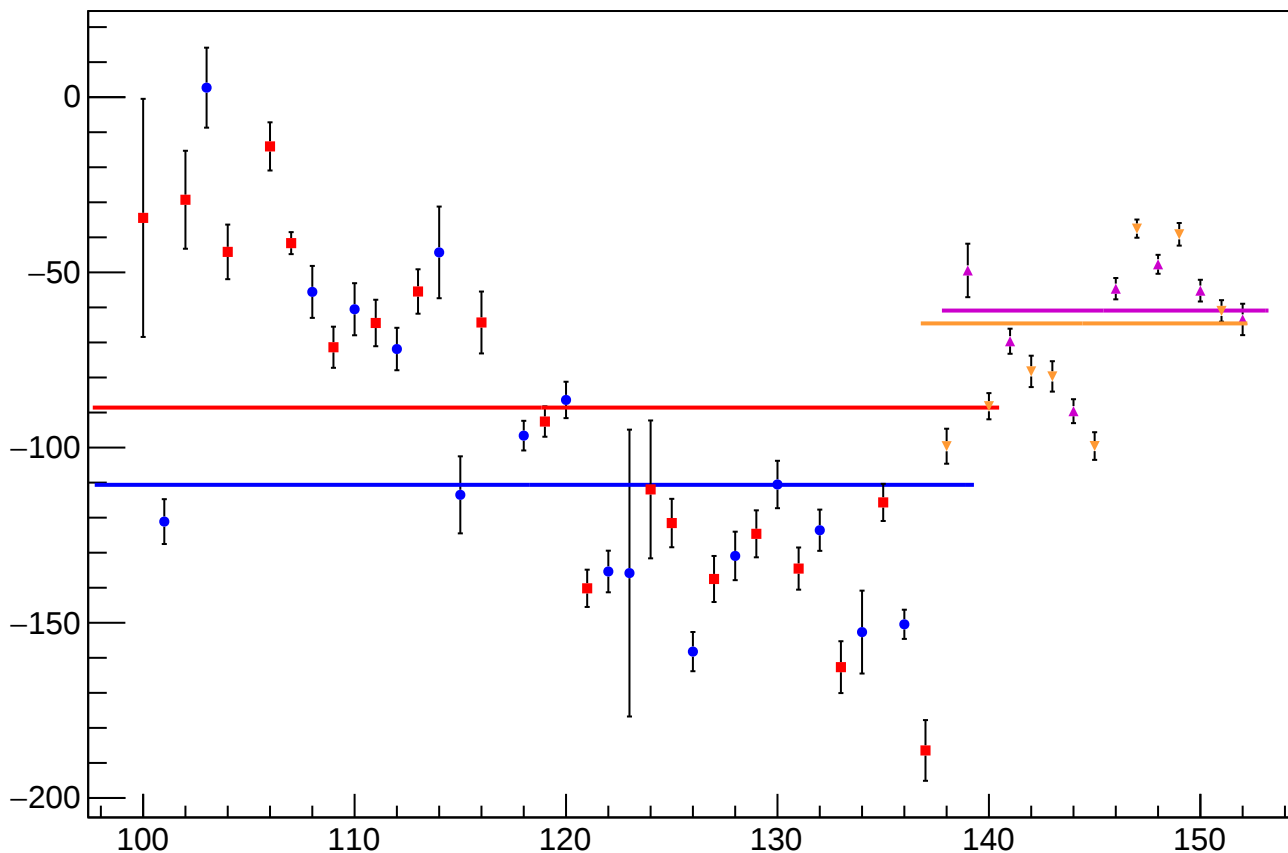
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -270.545 ± 1.343 χ^2/NDF : 1672.4/23

Out: -256.771 ± 1.293 χ^2/NDF : 3982.8/26

All: -263.397 ± 0.932 χ^2/NDF : 5709.7/50

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -64.566+/-1.261 χ^2/NDF : 361.2/7

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -60.896+/-1.313 χ^2/NDF : 110.7/6

Left: -62.806+/-0.909 χ^2/NDF : 475.9/14

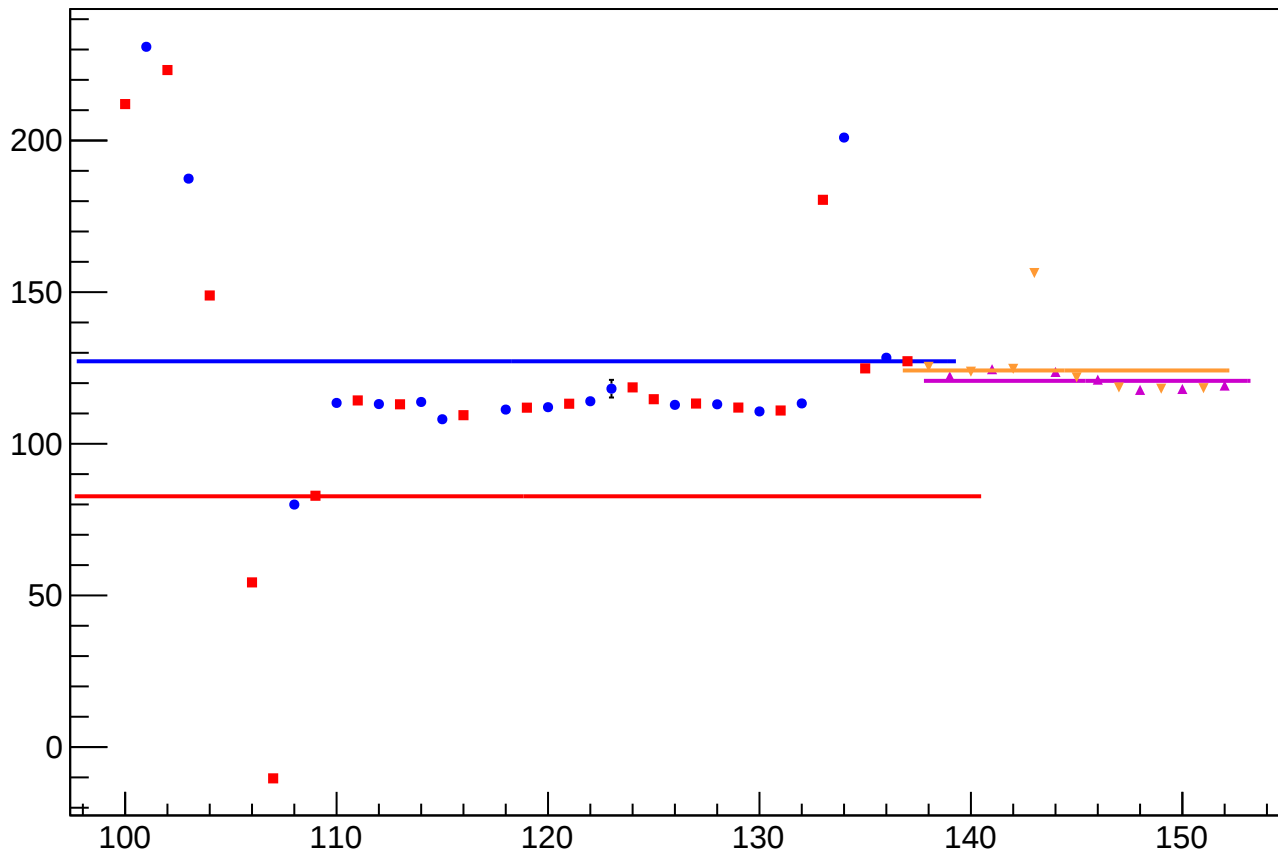
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -81.198+/-1.010 χ^2/NDF : 1205.2/23

Out: -75.044+/-0.947 χ^2/NDF : 1486.1/26

All: -77.921+/-0.691 χ^2/NDF : 2711.0/50

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: 124.179 $\pm$ 0.066 χ^2 /NDF: 23757.4/7

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.754 $\pm$ 0.066 χ^2 /NDF: 1492.3/6

Left: 122.453 $\pm$ 0.047 χ^2 /NDF: 26599.3/14

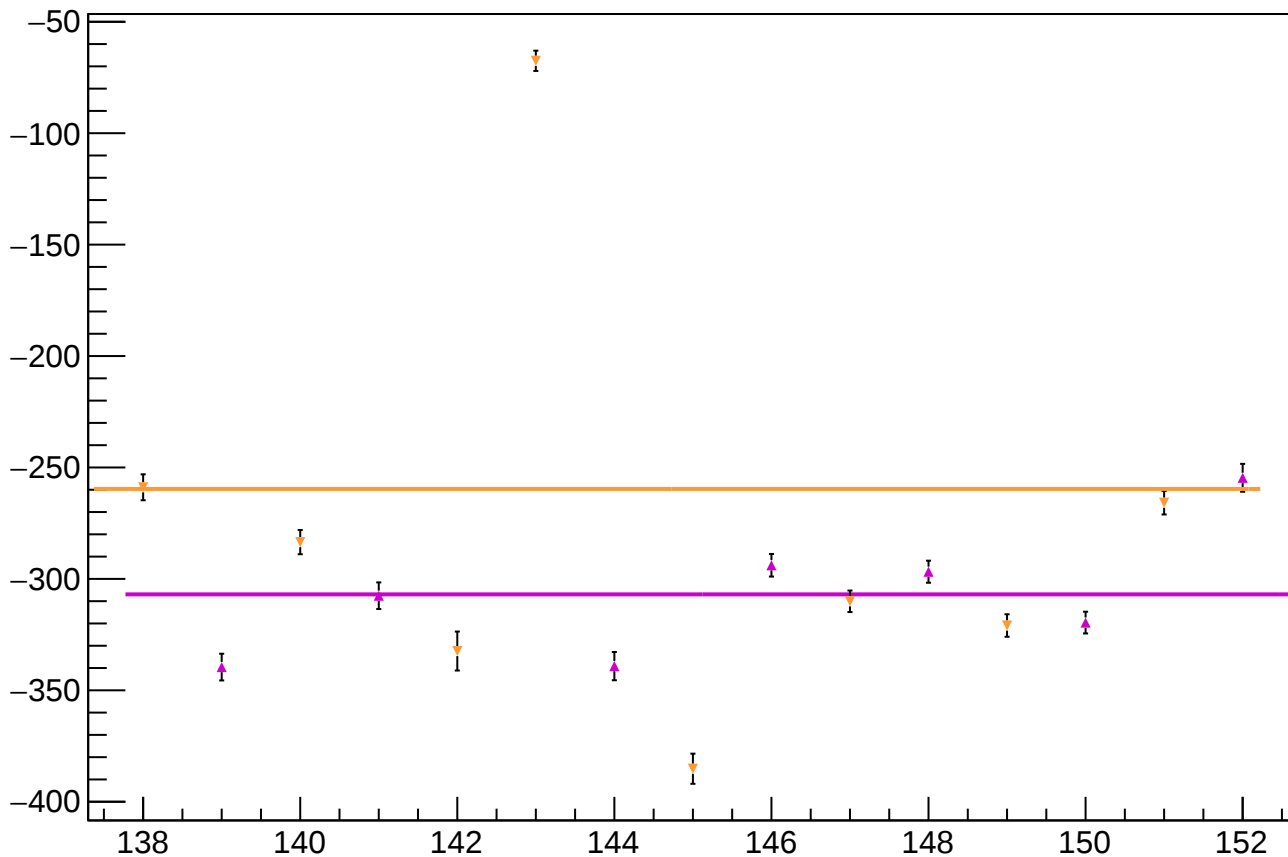
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 123.023 $\pm$ 0.053 χ^2 /NDF: 192913.5/23

Out: 106.096 $\pm$ 0.050 χ^2 /NDF: 960805.5/26

All: 114.038 $\pm$ 0.036 χ^2 /NDF: 1208143.5/50

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: -259.625+/-1.943 χ^2/NDF :2474.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -306.949+/-2.094 χ^2/NDF :142.8/6

Left: -281.518+/-1.424 χ^2/NDF : 2891.6/14

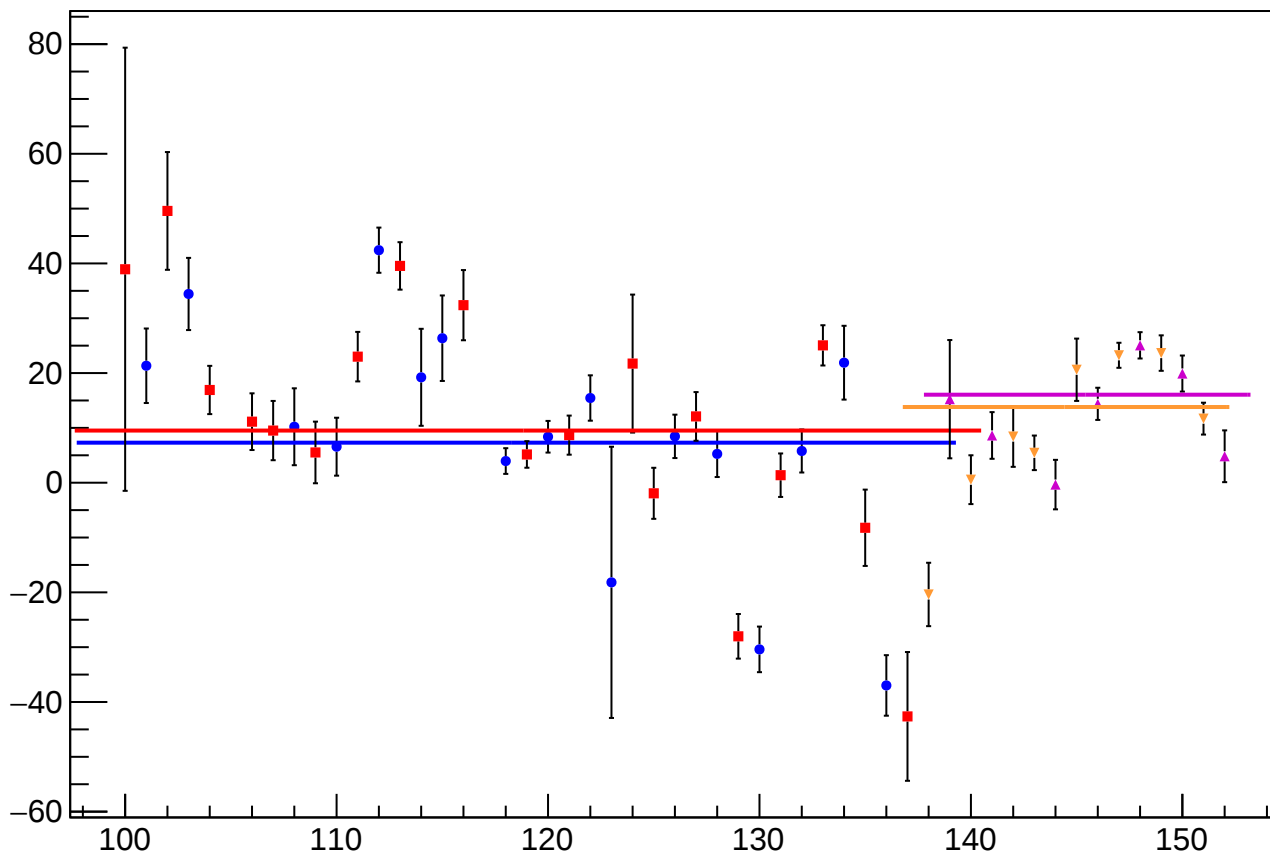
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.949+/-2.094 χ^2/NDF :142.8/6

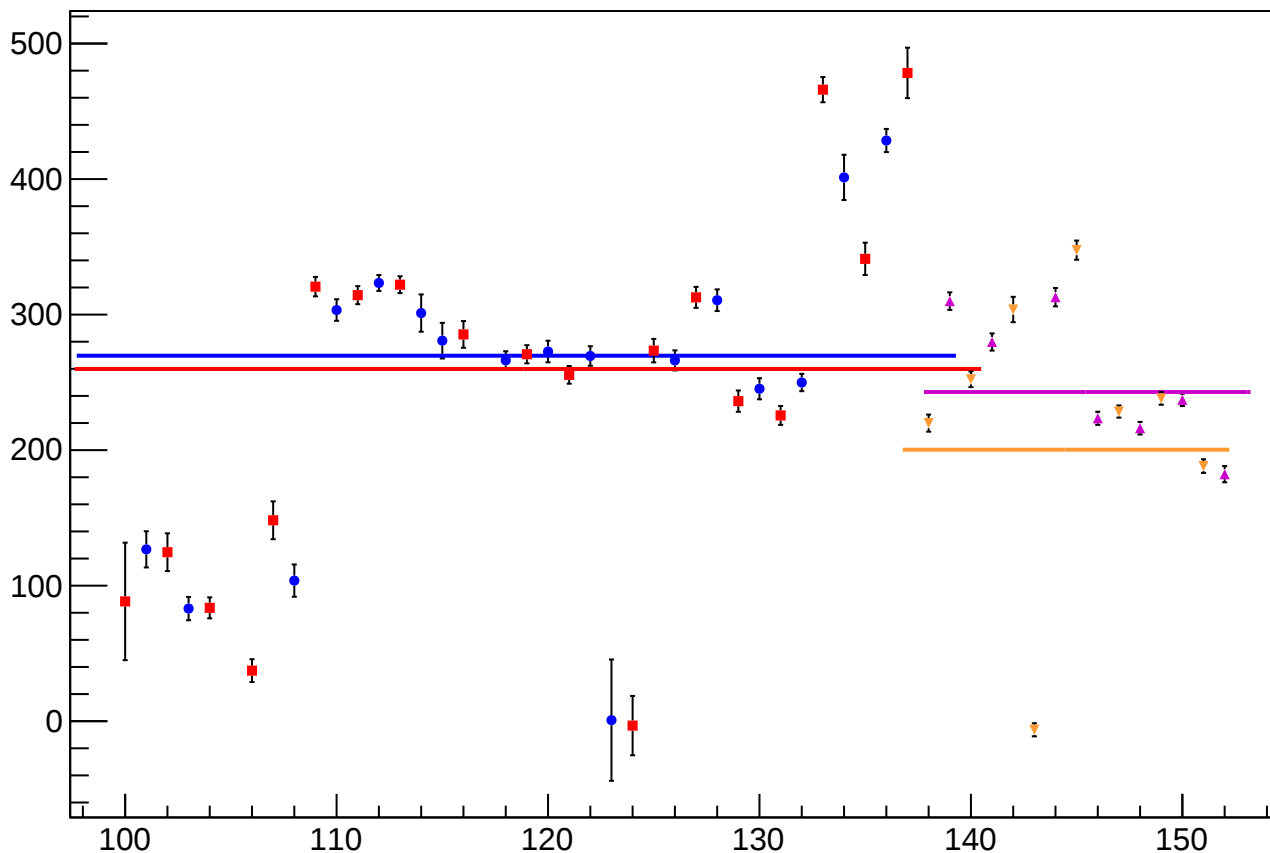
Out: -259.625+/-1.943 χ^2/NDF :2474.4/7

All: -281.518+/-1.424 χ^2/NDF : 2891.6/14

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: 200.307 $\pm$ 1.951 χ^2 /NDF:2567.5/7

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 242.870 $\pm$ 2.062 χ^2 /NDF:399.9/6

Left: 220.419 $\pm$ 1.417 χ^2 /NDF: 3192.1/14

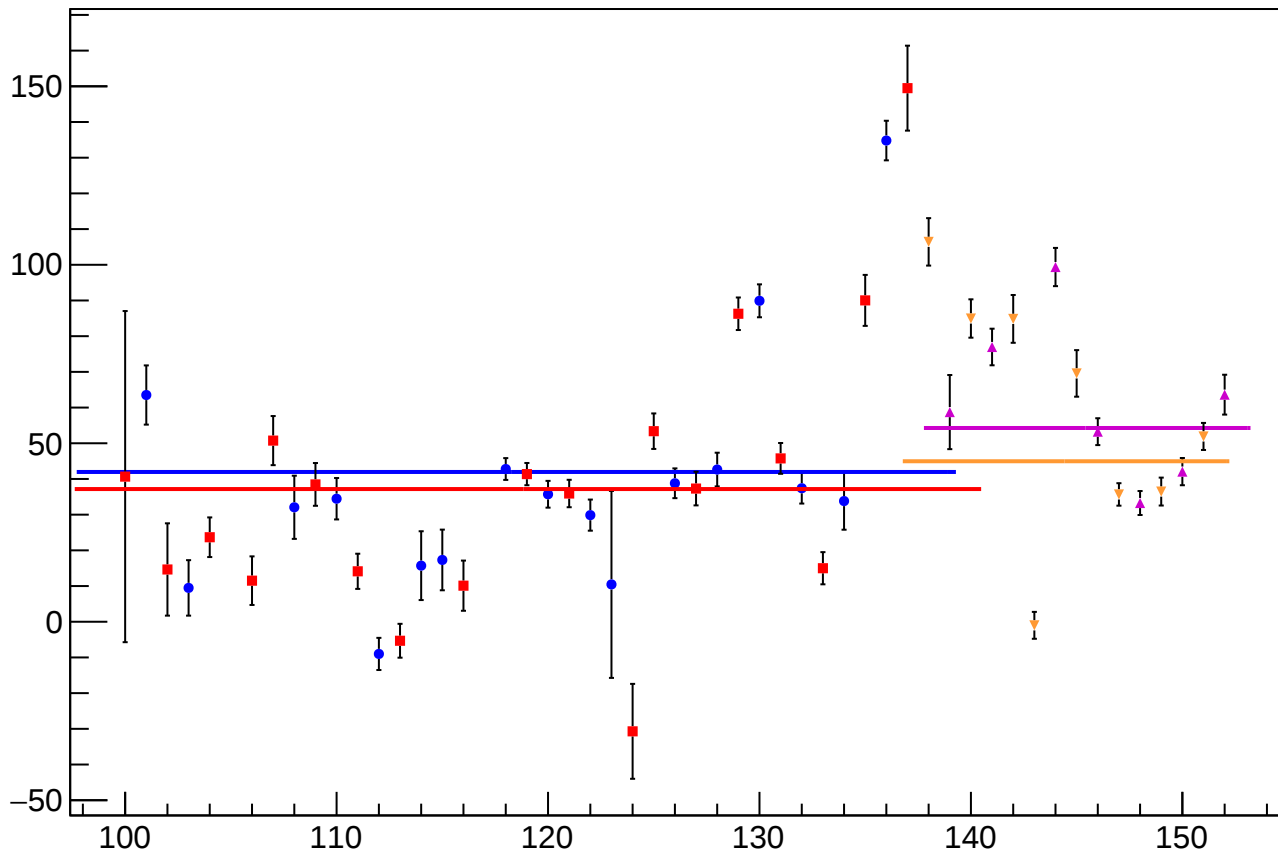
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 256.175 $\pm$ 1.463 χ^2 /NDF:1860.3/23

Out: 229.705 $\pm$ 1.389 χ^2 /NDF:5570.9/26

All: 242.252 $\pm$ 1.007 χ^2 /NDF: 7603.4/50

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: 44.960 $\pm$ 1.563 χ^2 /NDF: 356.2/7

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 54.280 $\pm$ 1.709 χ^2 /NDF: 143.0/6

Left: 49.204 $\pm$ 1.153 χ^2 /NDF: 515.4/14

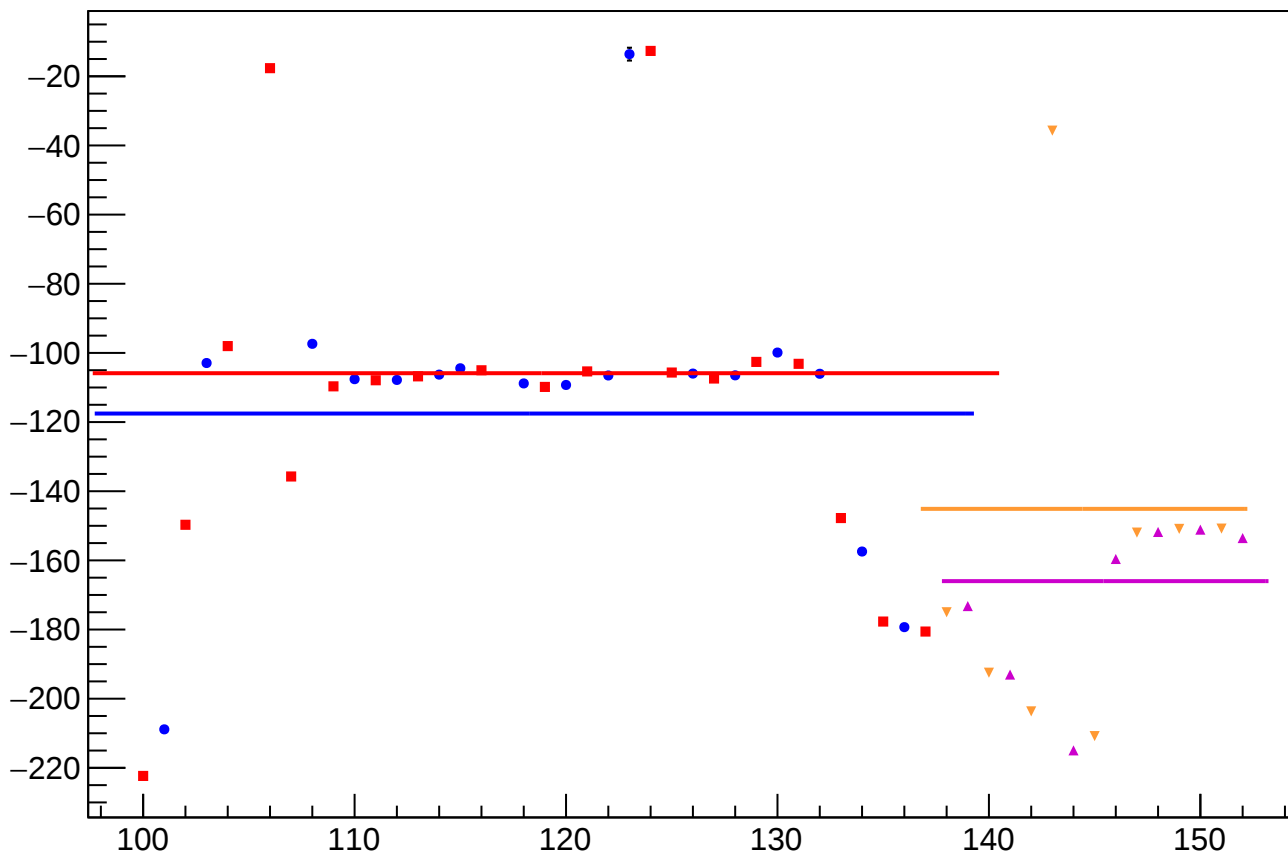
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 46.289 $\pm$ 1.013 χ^2 /NDF: 750.9/23

Out: 40.169 $\pm$ 0.969 χ^2 /NDF: 842.3/26

All: 43.094 $\pm$ 0.700 χ^2 /NDF: 1612.3/50

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -145.099 ± 0.083 $\chi^2/\text{NDF}: 446194.3/7$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -166.001 ± 0.086 $\chi^2/\text{NDF}: 53733.8/6$

Left: -155.174 ± 0.060 $\chi^2/\text{NDF}: 530433.7/14$

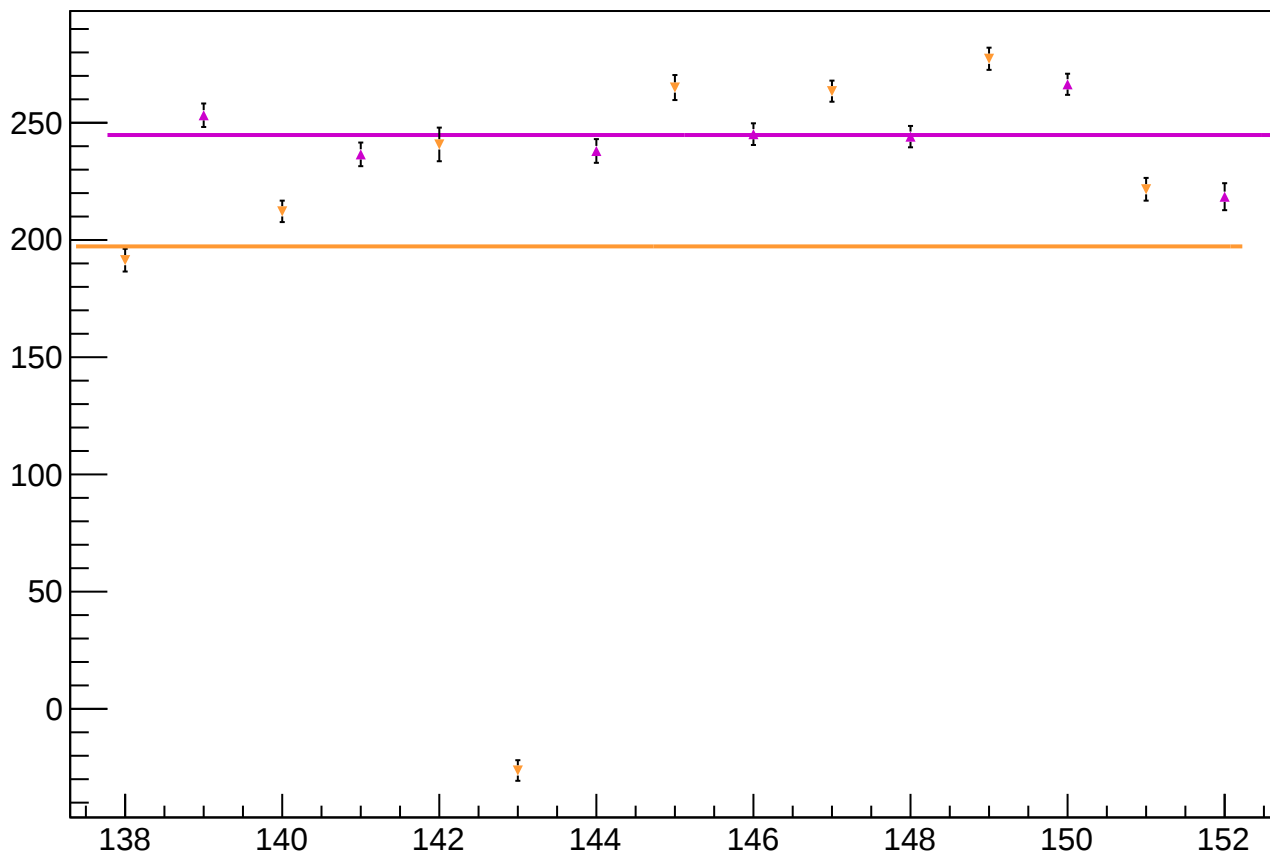
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -139.410 ± 0.058 $\chi^2/\text{NDF}: 369499.6/23$

Out: -122.900 ± 0.055 $\chi^2/\text{NDF}: 896681.4/26$

All: -130.698 ± 0.040 $\chi^2/\text{NDF}: 1309138.4/50$

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: 197.262+/-1.732 χ^2/NDF :3325.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.775+/-1.849 χ^2/NDF :51.3/6

Left: 219.473+/-1.264 χ^2/NDF : 3728.4/14

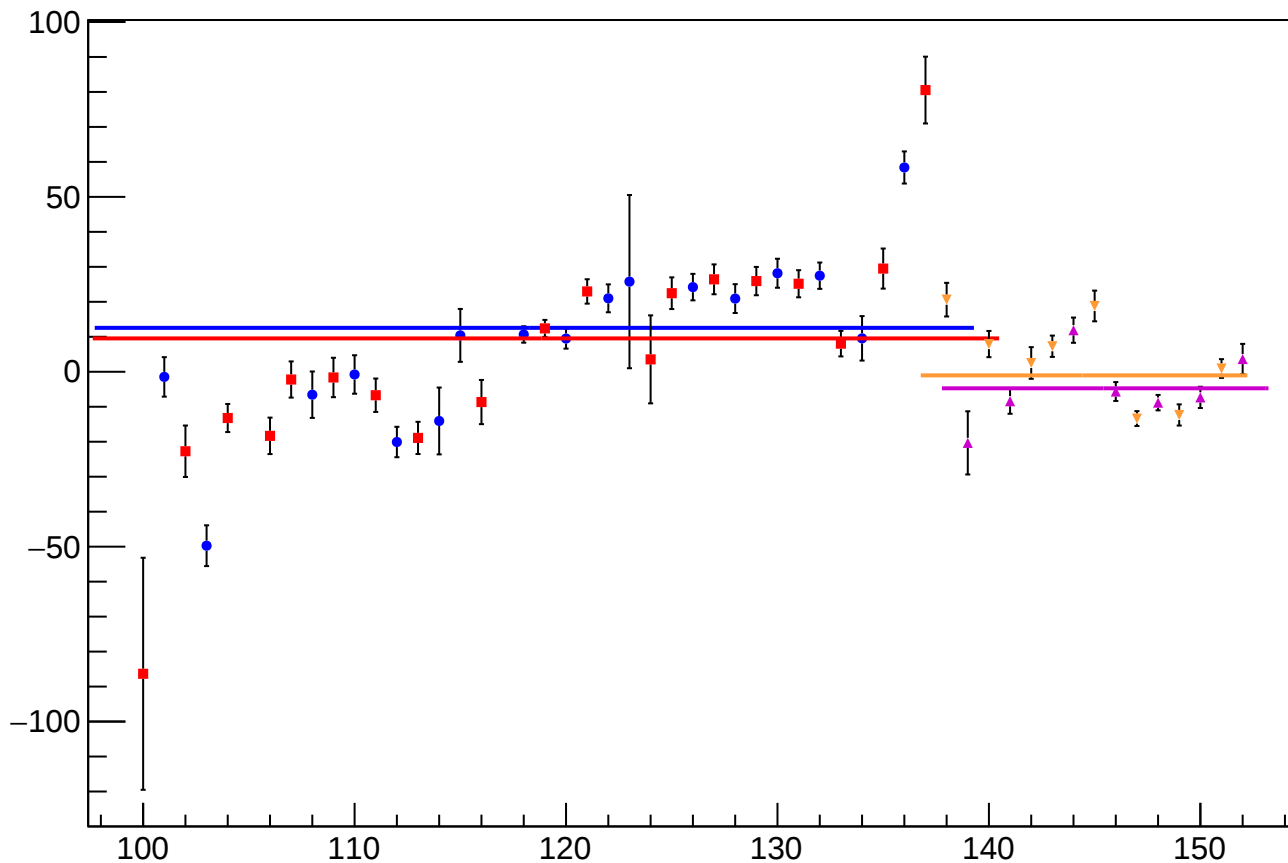
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.775+/-1.849 χ^2/NDF :51.3/6

Out: 197.262+/-1.732 χ^2/NDF :3325.3/7

All: 219.473+/-1.264 χ^2/NDF : 3728.4/14

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: -1.034+/-1.124 χ^2/NDF :102.5/7

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -4.730+/-1.221 χ^2/NDF :33.3/6

Left: -2.729+/-0.827 χ^2/NDF : 140.7/14

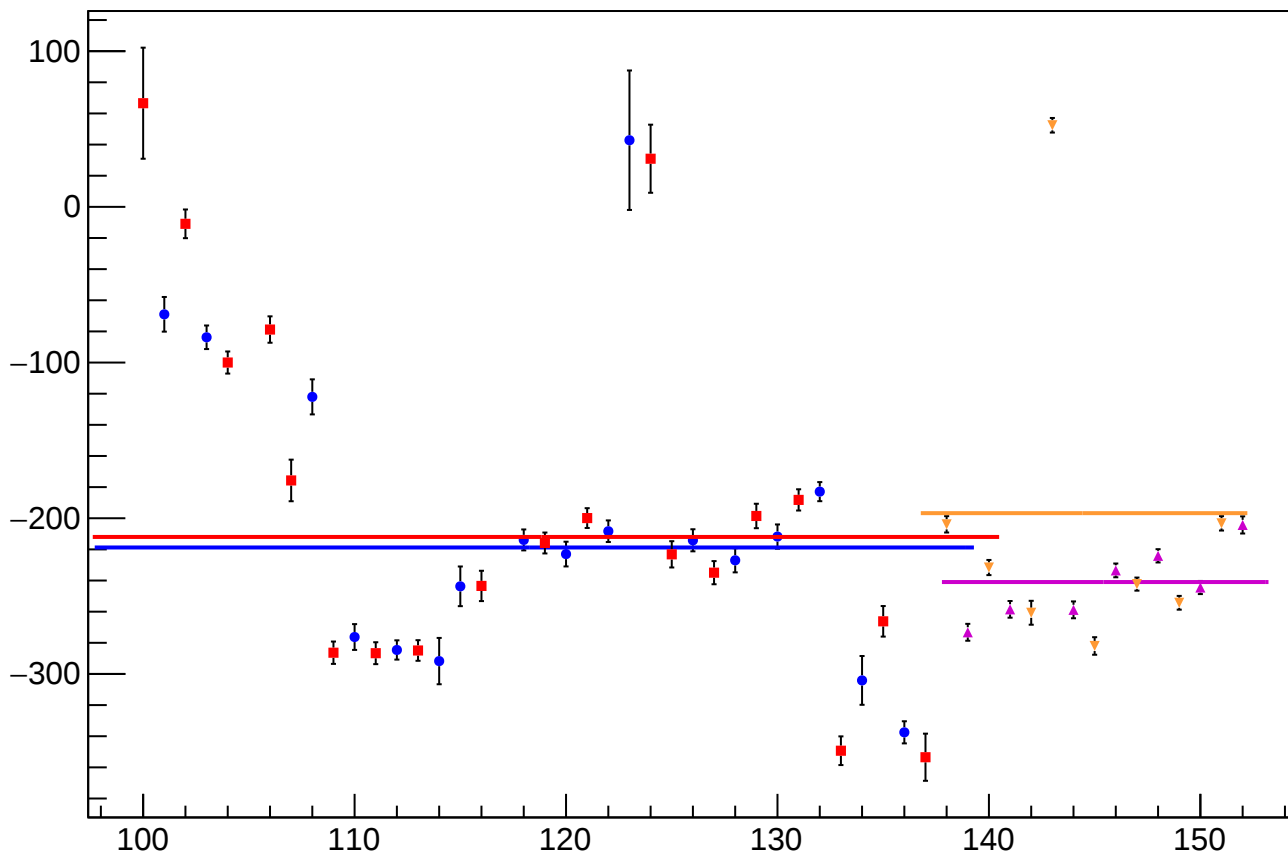
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.153+/-0.799 χ^2/NDF :496.3/23

Out: 4.617+/-0.767 χ^2/NDF :445.6/26

All: 4.874+/-0.553 χ^2/NDF : 942.2/50

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: -196.726 ± 1.749 $\chi^2/\text{NDF}: 3464.7/7$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -240.970 ± 1.831 $\chi^2/\text{NDF}: 120.4/6$

Left: -217.829 ± 1.265 $\chi^2/\text{NDF}: 3890.5/14$

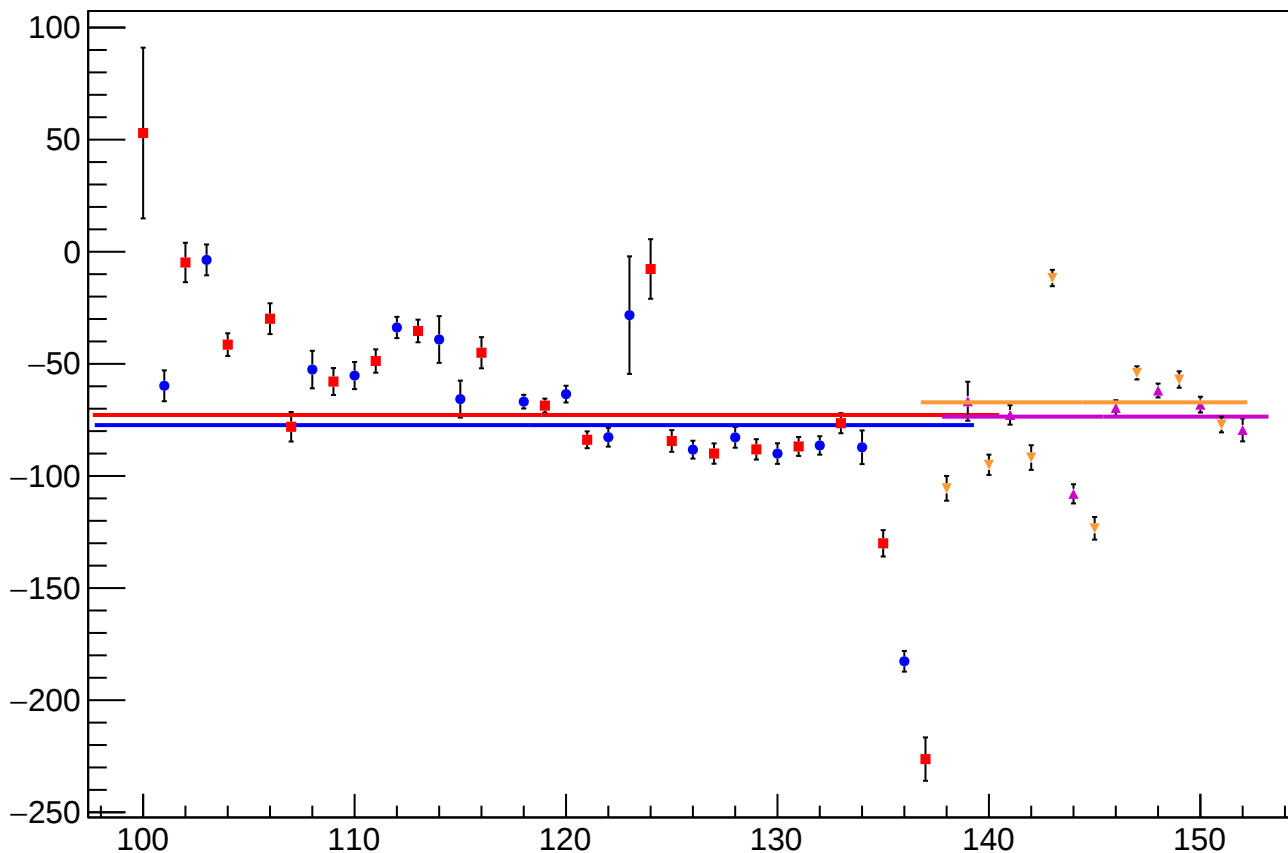
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -230.901 ± 1.354 $\chi^2/\text{NDF}: 1331.5/23$

Out: -203.640 ± 1.294 $\chi^2/\text{NDF}: 5384.9/26$

All: -216.655 ± 0.935 $\chi^2/\text{NDF}: 6928.3/50$

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: -67.160 ± 1.411 χ^2/NDF : 497.6/7

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -73.539 ± 1.528 χ^2/NDF : 84.6/6

Left: -70.097 ± 1.037 χ^2/NDF : 591.6/14

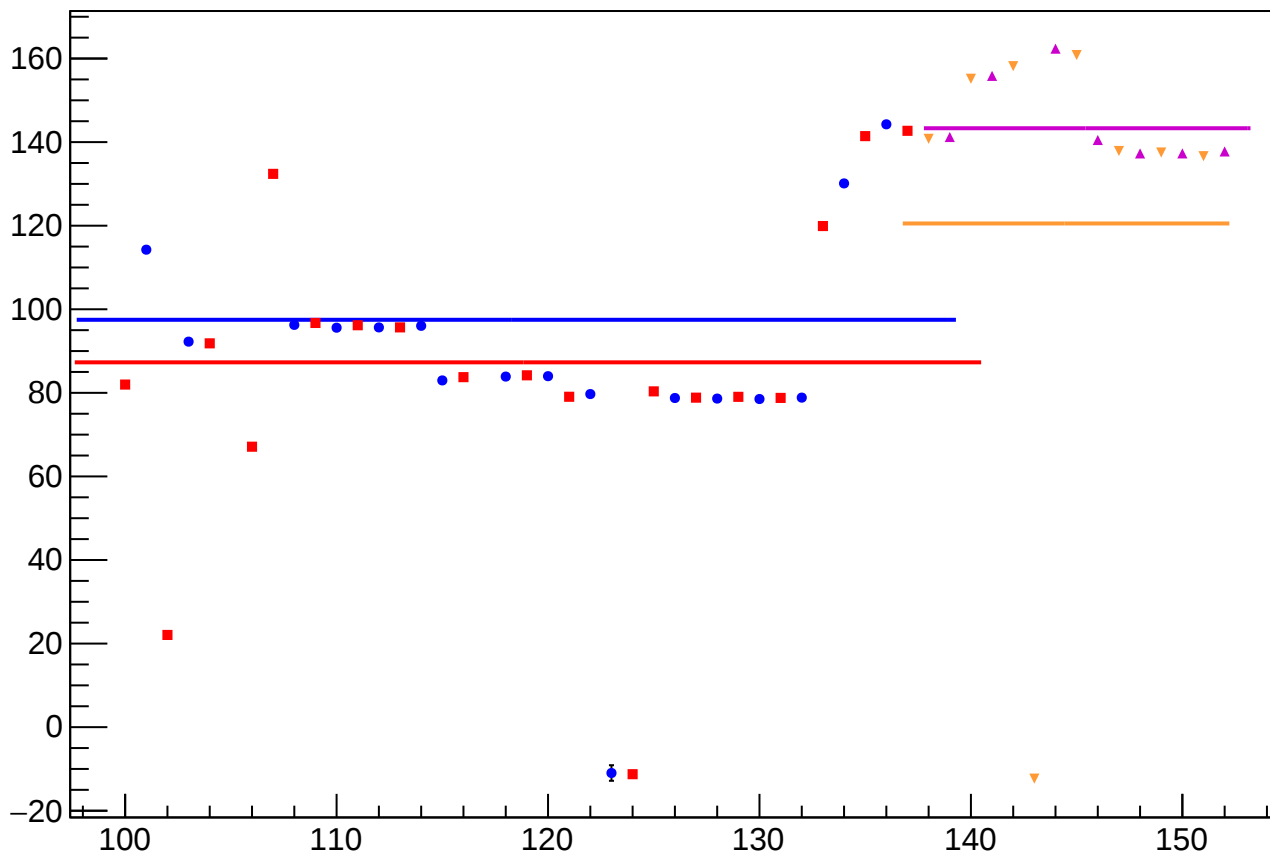
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -75.844 ± 0.954 χ^2/NDF : 906.0/23

Out: -70.415 ± 0.917 χ^2/NDF : 1178.5/26

All: -73.022 ± 0.661 χ^2/NDF : 2101.4/50

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 $\pm$ 0.073 χ^2/NDF : 94392.9/16

Left Out: 120.531 $\pm$ 0.074 χ^2/NDF : 603984.4/7

Right Out: 87.299 $\pm$ 0.068 χ^2/NDF : 221885.0/18

Left In: 143.320 $\pm$ 0.076 χ^2/NDF : 12988.8/6

Left: 131.613 $\pm$ 0.053 χ^2/NDF : 662875.0/14

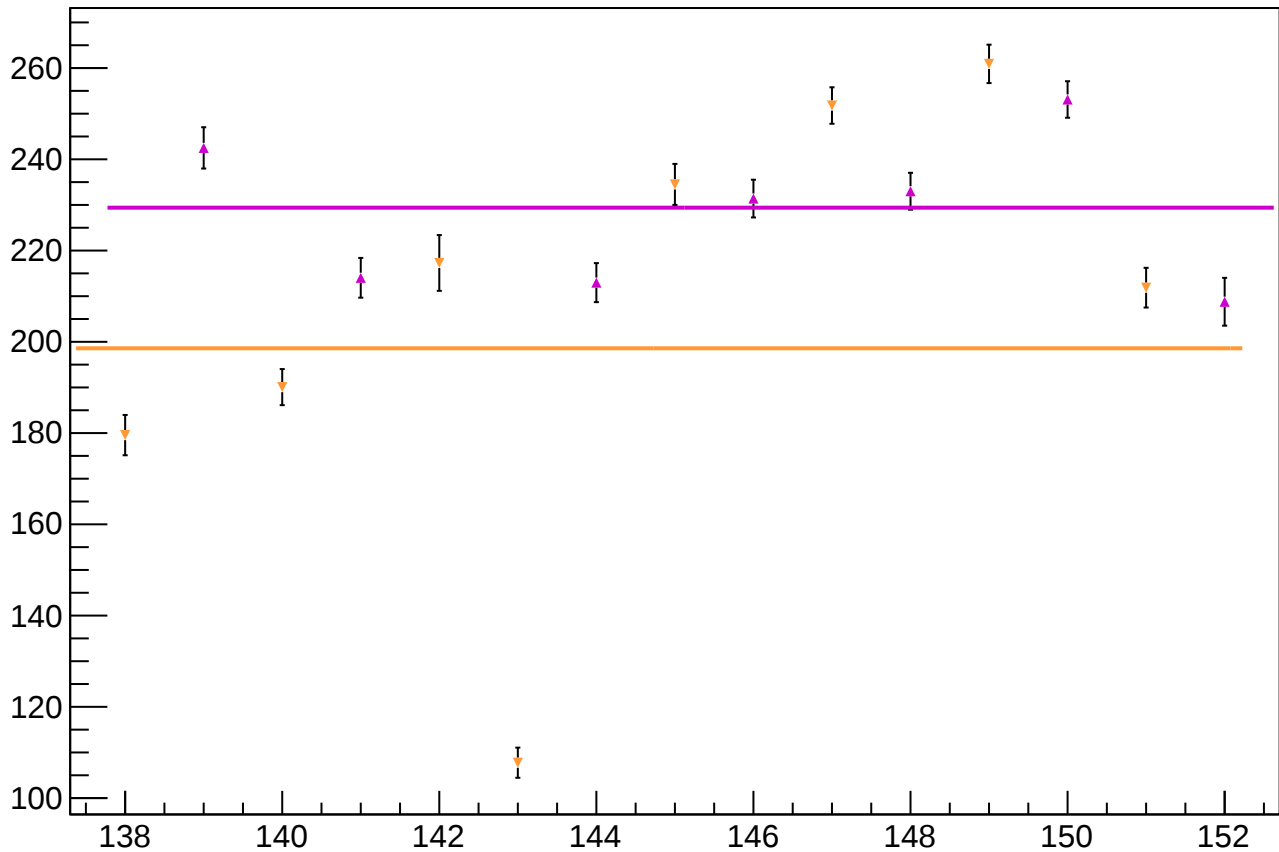
Right: 92.021 $\pm$ 0.050 χ^2/NDF : 326611.0/35

In: 119.522 $\pm$ 0.053 χ^2/NDF : 295061.9/23

Out: 102.528 $\pm$ 0.050 χ^2/NDF : 934611.3/26

All: 110.588 $\pm$ 0.036 χ^2/NDF : 1283995.9/50

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: 198.580+/-1.483 χ^2/NDF :1256.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 229.401+/-1.634 χ^2/NDF :87.2/6

Left: 212.502+/-1.098 χ^2/NDF : 1539.3/14

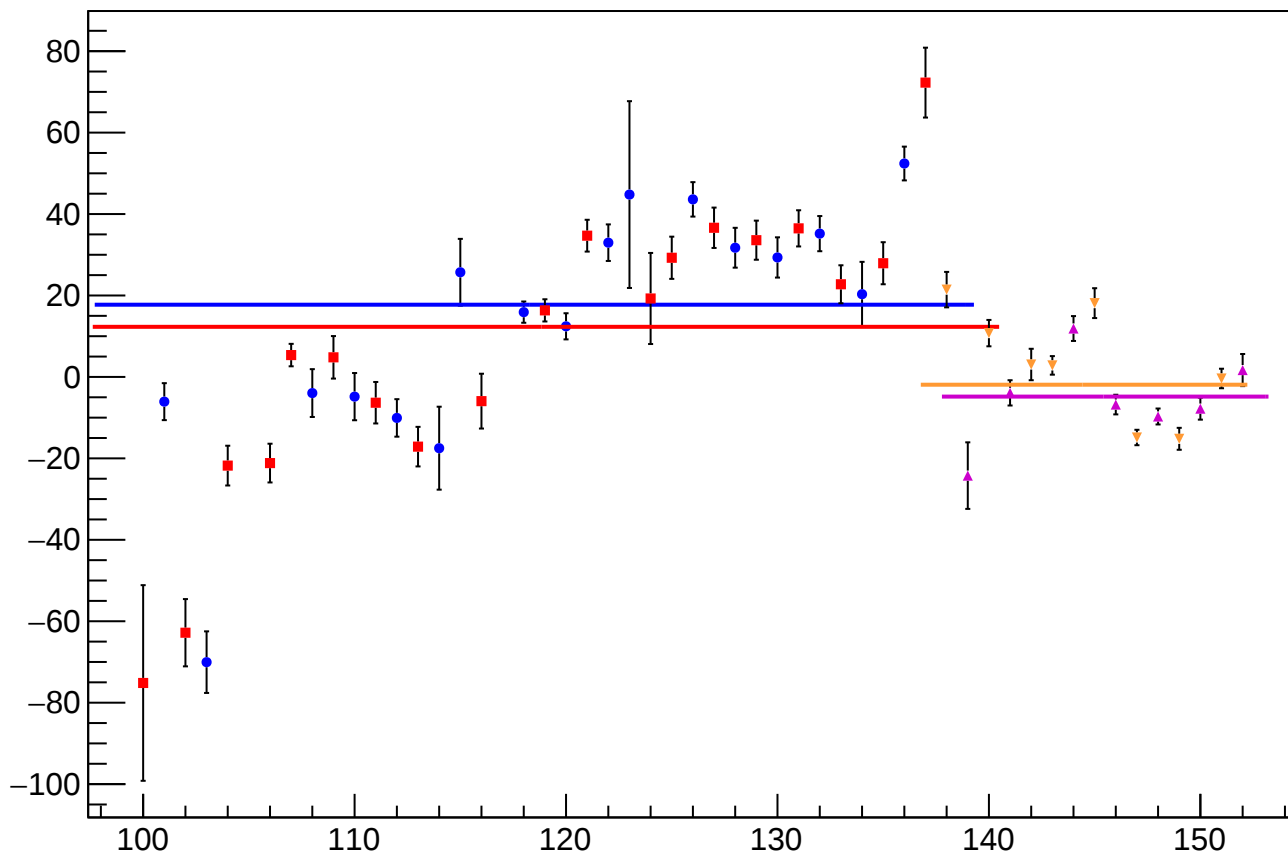
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.401+/-1.634 χ^2/NDF :87.2/6

Out: 198.580+/-1.483 χ^2/NDF :1256.9/7

All: 212.502+/-1.098 χ^2/NDF : 1539.3/14

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: -1.911 ± 0.965 $\chi^2/\text{NDF}: 151.5/7$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -4.830 ± 1.078 $\chi^2/\text{NDF}: 46.5/6$

Left: -3.210 ± 0.719 $\chi^2/\text{NDF}: 202.1/14$

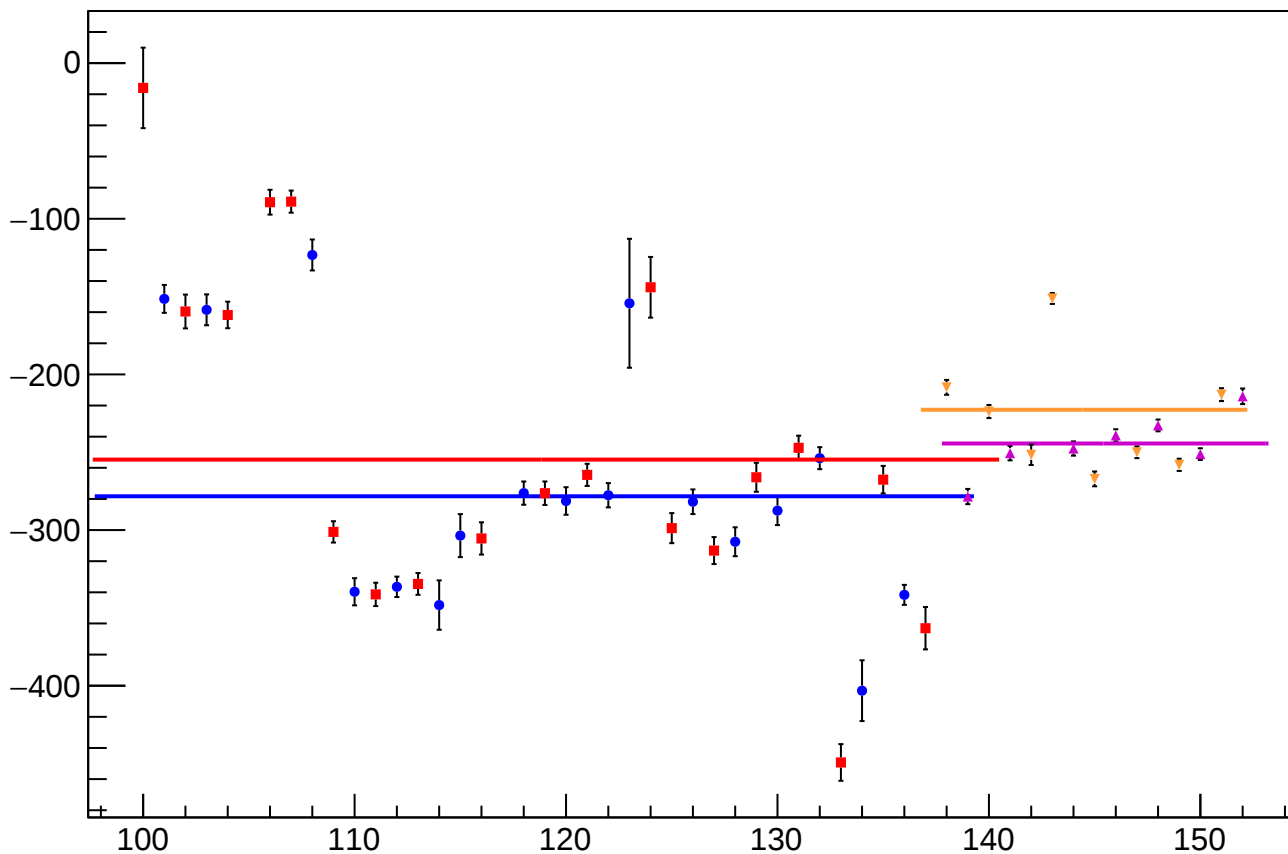
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.740 ± 0.786 $\chi^2/\text{NDF}: 645.8/23$

Out: 4.377 ± 0.721 $\chi^2/\text{NDF}: 689.9/26$

All: 5.000 ± 0.531 $\chi^2/\text{NDF}: 1337.2/50$

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: -222.707 ± 1.503 $\chi^2/\text{NDF}: 667.1/7$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -244.386 ± 1.620 $\chi^2/\text{NDF}: 101.7/6$

Left: -232.735 ± 1.102 $\chi^2/\text{NDF}: 865.0/14$

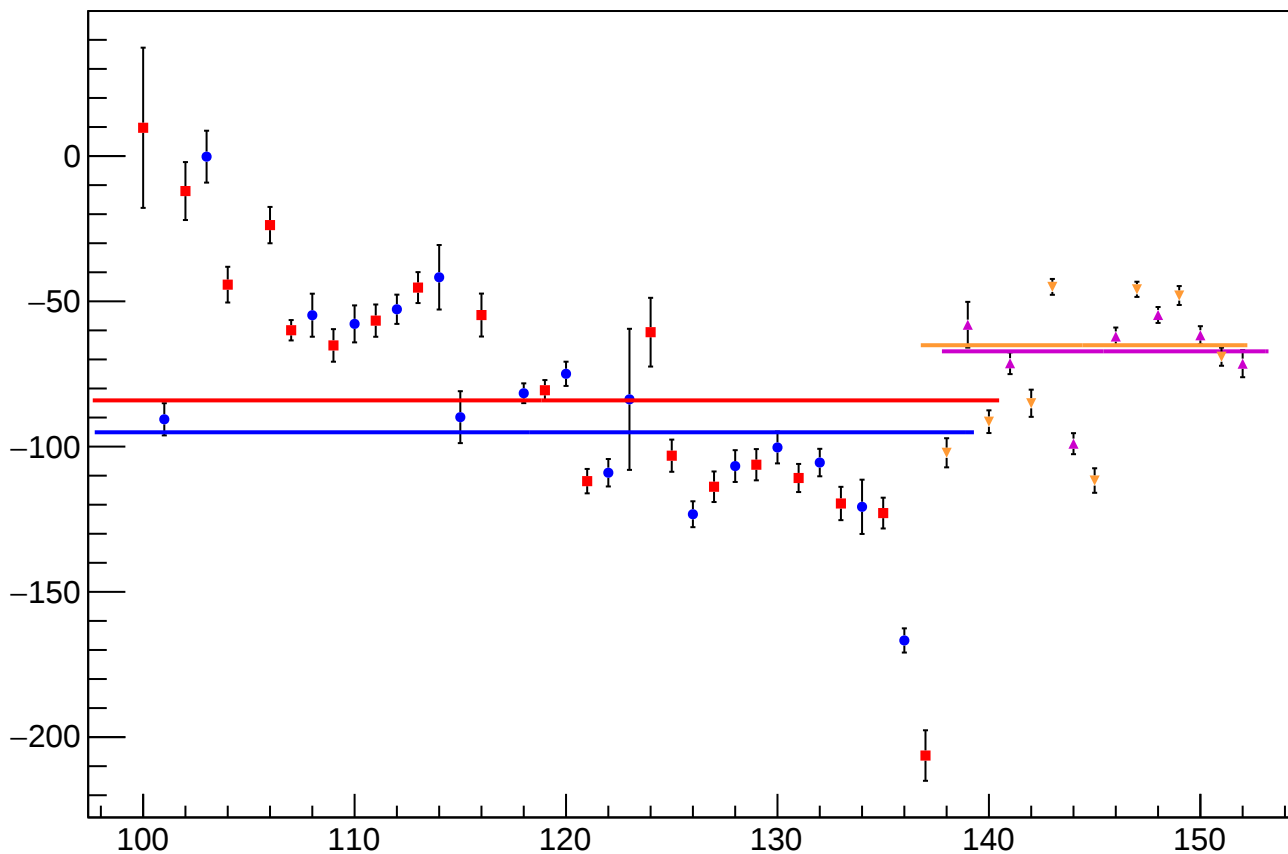
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -256.509 ± 1.299 $\chi^2/\text{NDF}: 1168.2/23$

Out: -234.124 ± 1.206 $\chi^2/\text{NDF}: 2866.8/26$

All: -244.485 ± 0.884 $\chi^2/\text{NDF}: 4194.5/50$

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: -65.106 ± 1.208 $\chi^2/\text{NDF}: 377.4/7$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -67.212 ± 1.348 $\chi^2/\text{NDF}: 107.2/6$

Left: -66.045 ± 0.900 $\chi^2/\text{NDF}: 486.0/14$

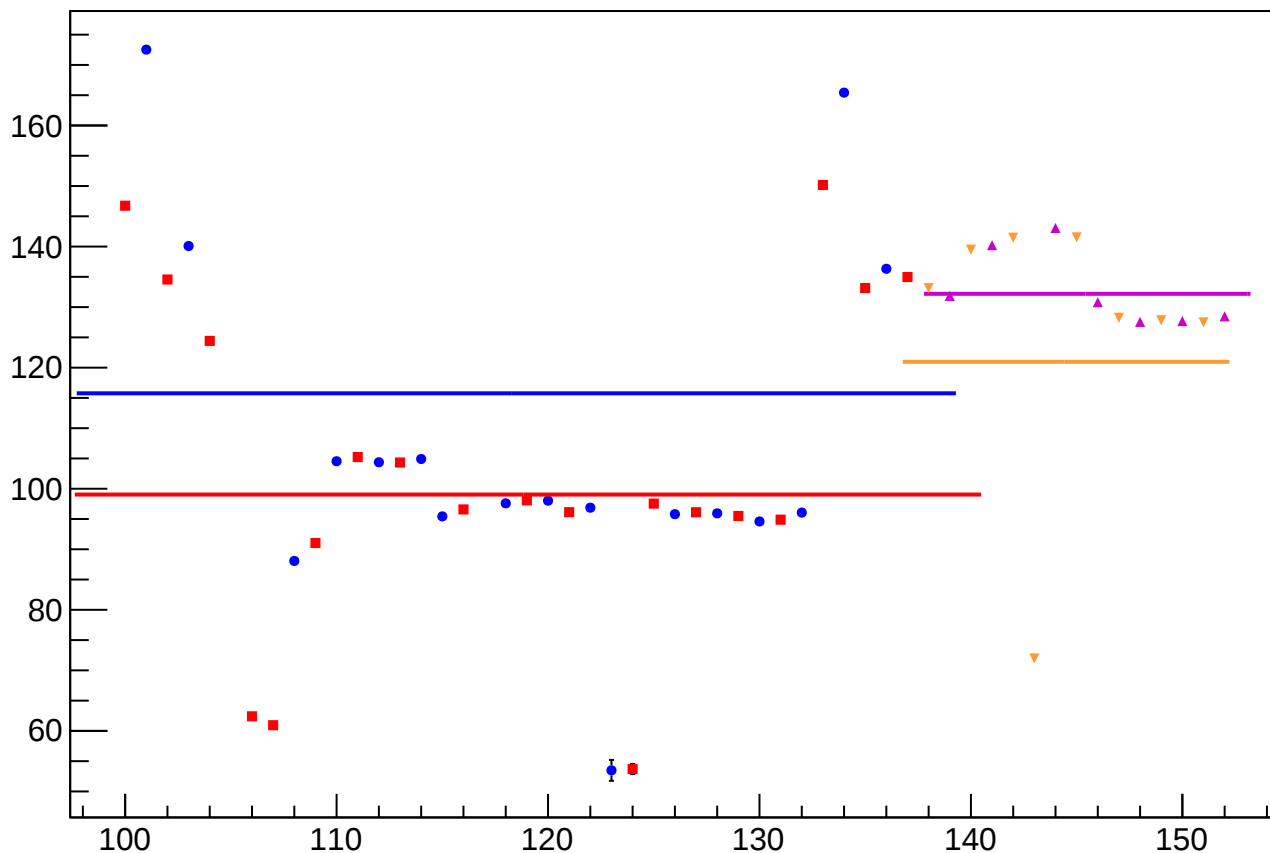
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -81.378 ± 0.945 $\chi^2/\text{NDF}: 997.7/23$

Out: -74.227 ± 0.871 $\chi^2/\text{NDF}: 1276.4/26$

All: -77.512 ± 0.641 $\chi^2/\text{NDF}: 2305.0/50$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 120.968 $\pm$ 0.064 χ^2 /NDF:156246.8/7

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 132.198 $\pm$ 0.068 χ^2 /NDF:6825.5/6

Left: 126.243 $\pm$ 0.046 χ^2 /NDF: 177728.0/14

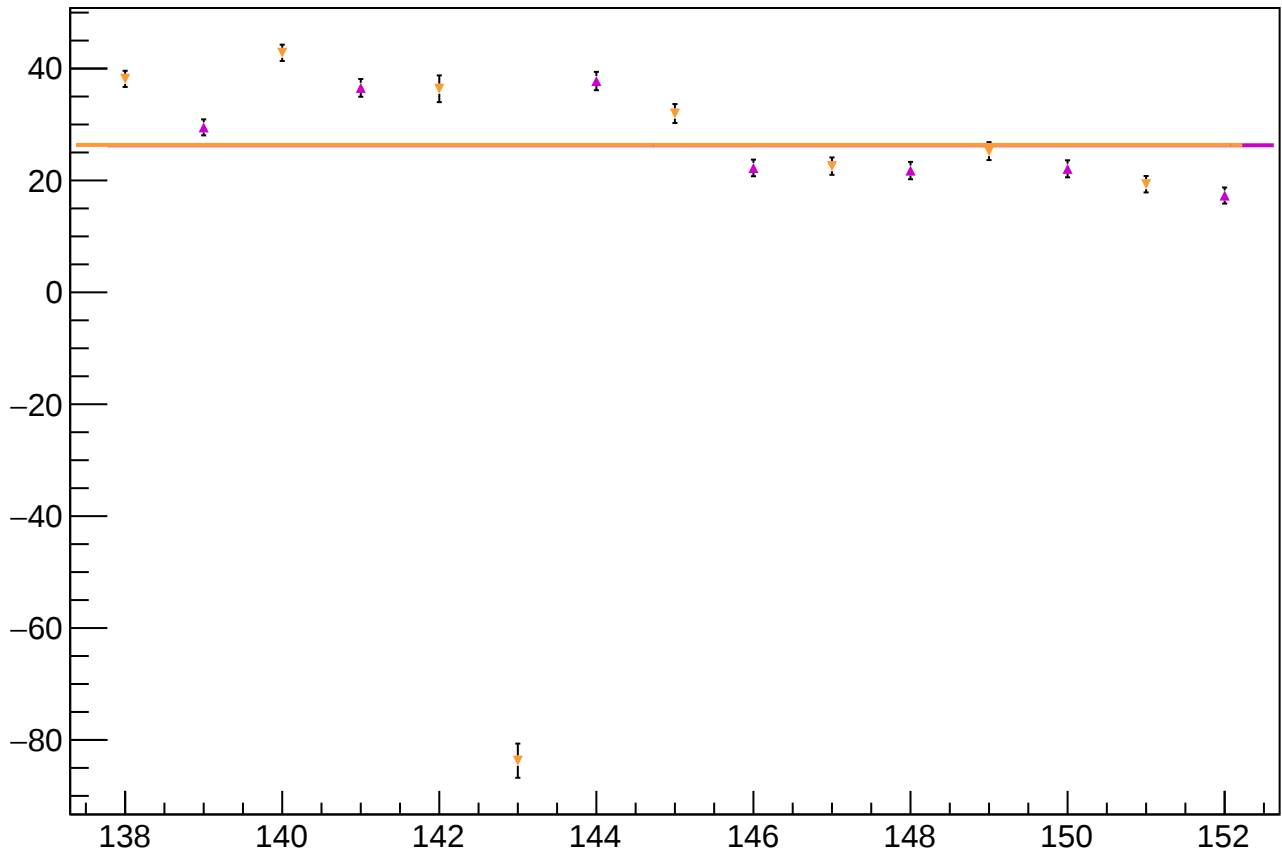
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.163 $\pm$ 0.051 χ^2 /NDF:138461.7/23

Out: 110.814 $\pm$ 0.047 χ^2 /NDF:384804.0/26

All: 117.330 $\pm$ 0.034 χ^2 /NDF: 566333.8/50

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.347+/-0.593 χ^2/NDF :1548.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.287+/-0.573 χ^2/NDF :158.3/6

Left: 26.316+/-0.412 χ^2/NDF : 1706.8/14

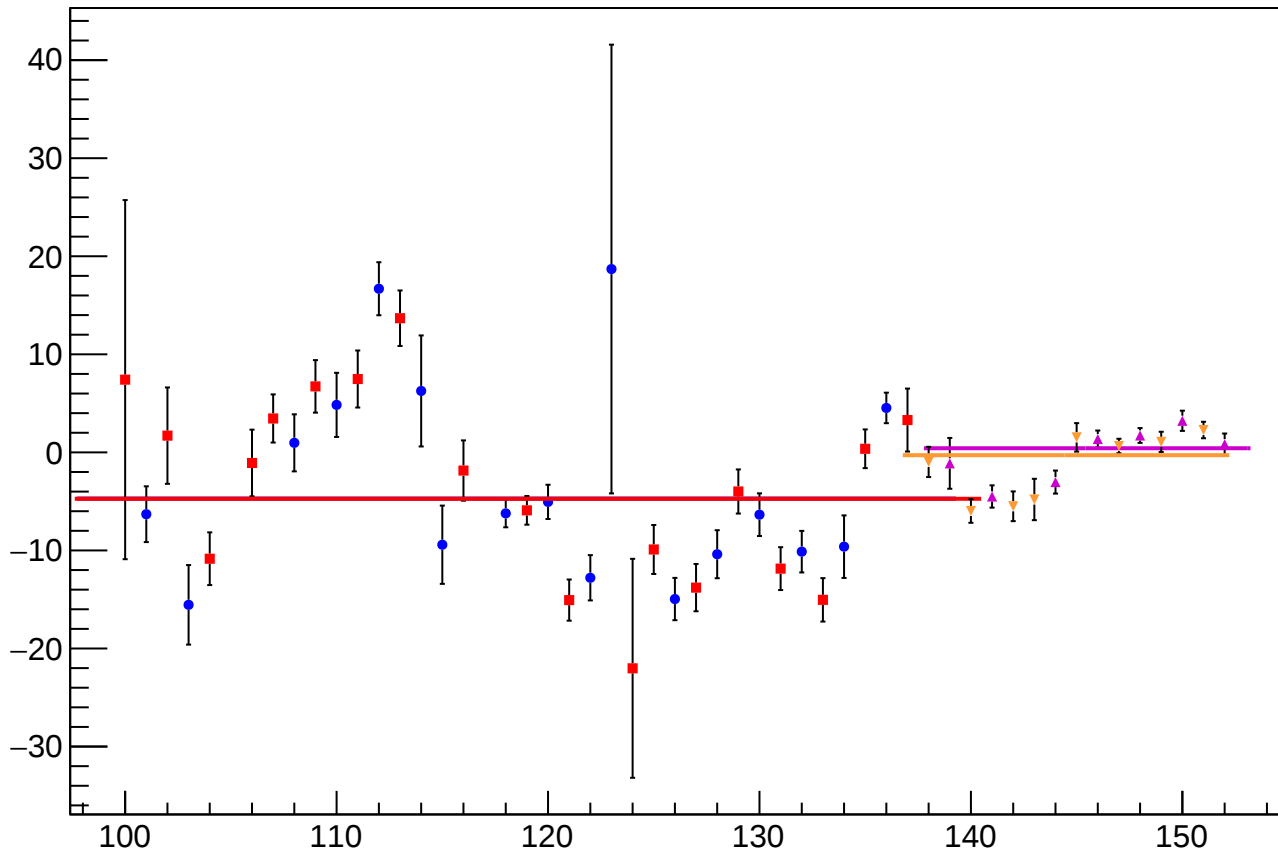
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.287+/-0.573 χ^2/NDF :158.3/6

Out: 26.347+/-0.593 χ^2/NDF :1548.5/7

All: 26.316+/-0.412 χ^2/NDF : 1706.8/14

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.288 ± 0.394 χ^2/NDF : 53.2/7

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: 0.421 ± 0.391 χ^2/NDF : 39.4/6

Left: 0.069 ± 0.278 χ^2/NDF : 94.2/14

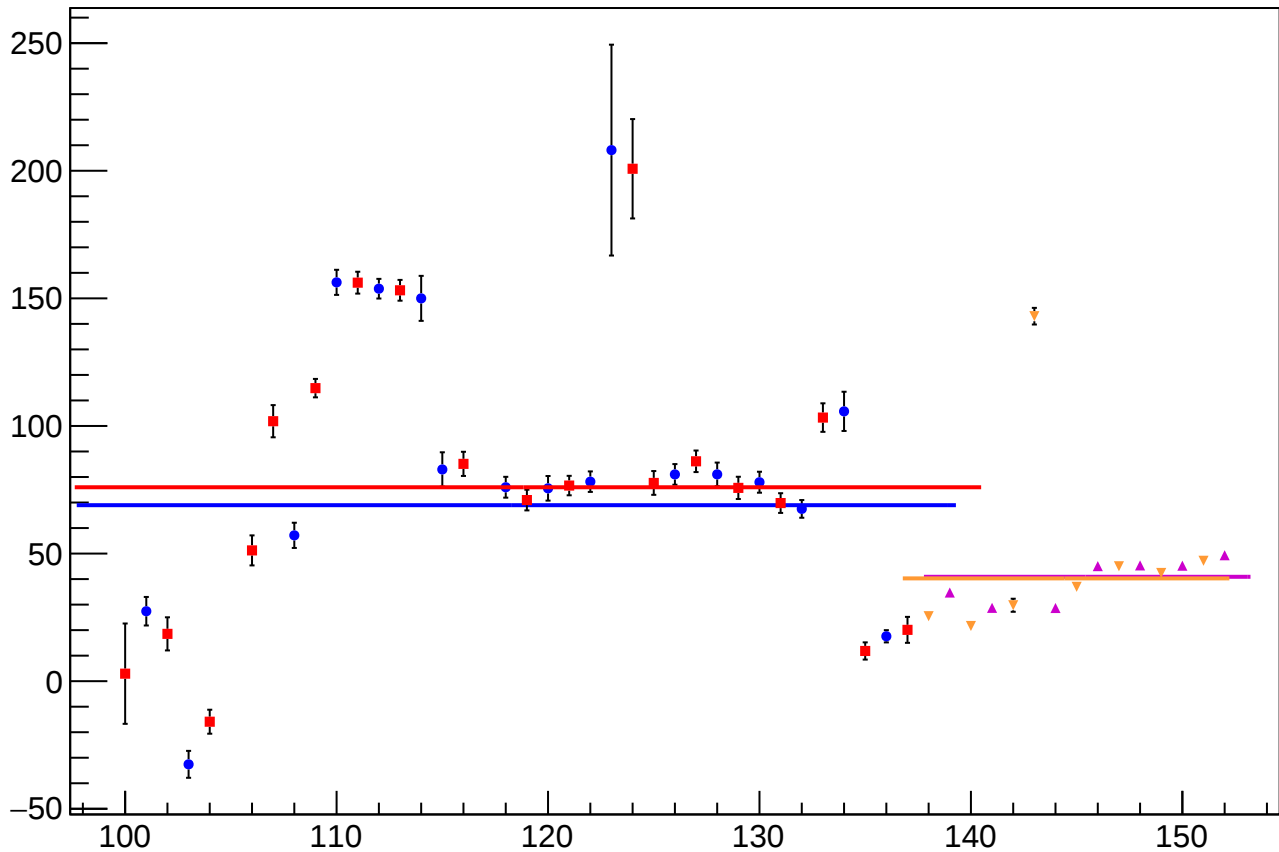
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.183 ± 0.325 χ^2/NDF : 267.8/23

Out: -1.675 ± 0.327 χ^2/NDF : 282.6/26

All: -1.427 ± 0.230 χ^2/NDF : 551.6/50

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 40.275 ± 0.597 $\chi^2/\text{NDF}: 1283.5/7$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 40.900 ± 0.570 $\chi^2/\text{NDF}: 181.3/6$

Left: 40.602 ± 0.412 $\chi^2/\text{NDF}: 1465.3/14$

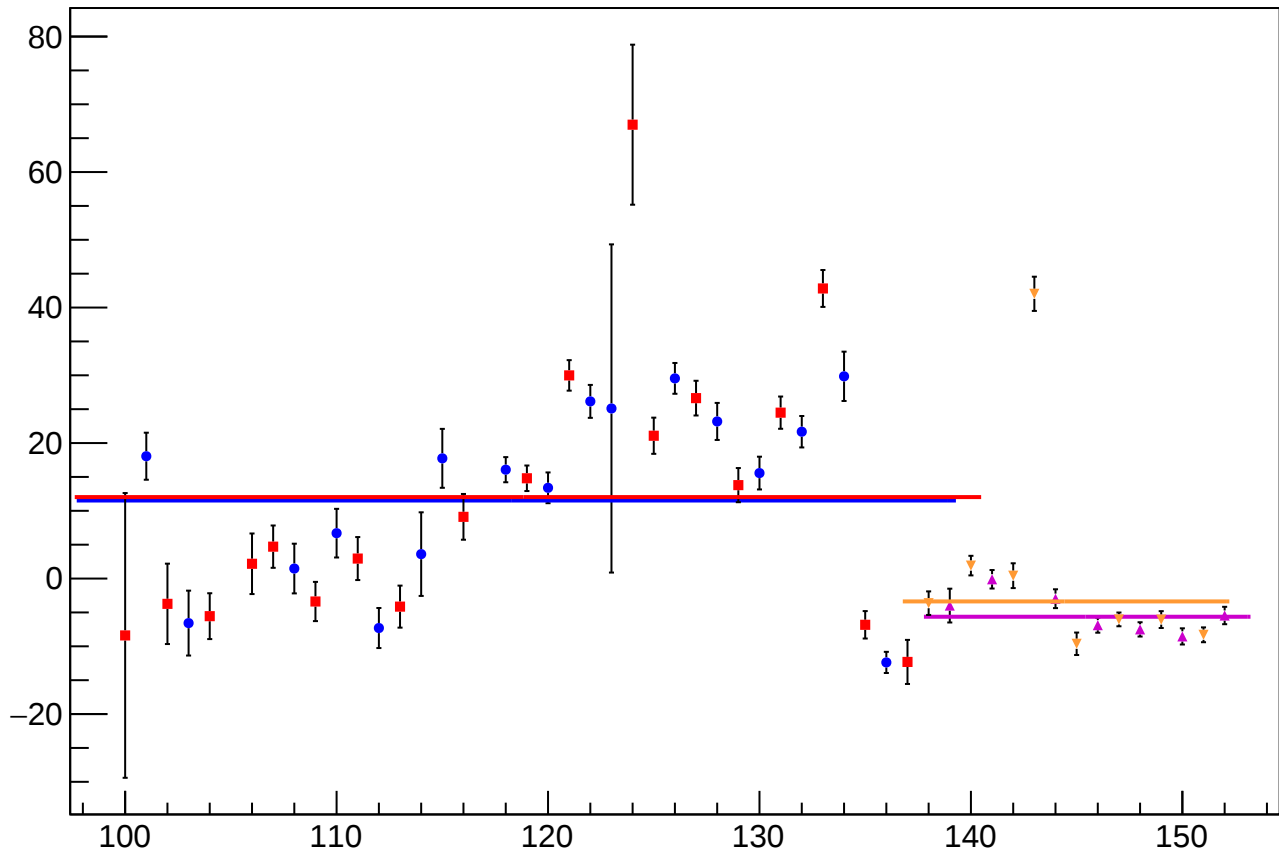
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 47.018 ± 0.504 $\chi^2/\text{NDF}: 2554.2/23$

Out: 48.754 ± 0.521 $\chi^2/\text{NDF}: 4028.4/26$

All: 47.856 ± 0.362 $\chi^2/\text{NDF}: 6588.4/50$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.374 ± 0.495 $\chi^2/\text{NDF}: 387.0/7$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -5.635 ± 0.486 $\chi^2/\text{NDF}: 30.8/6$

Left: -4.525 ± 0.347 $\chi^2/\text{NDF}: 428.4/14$

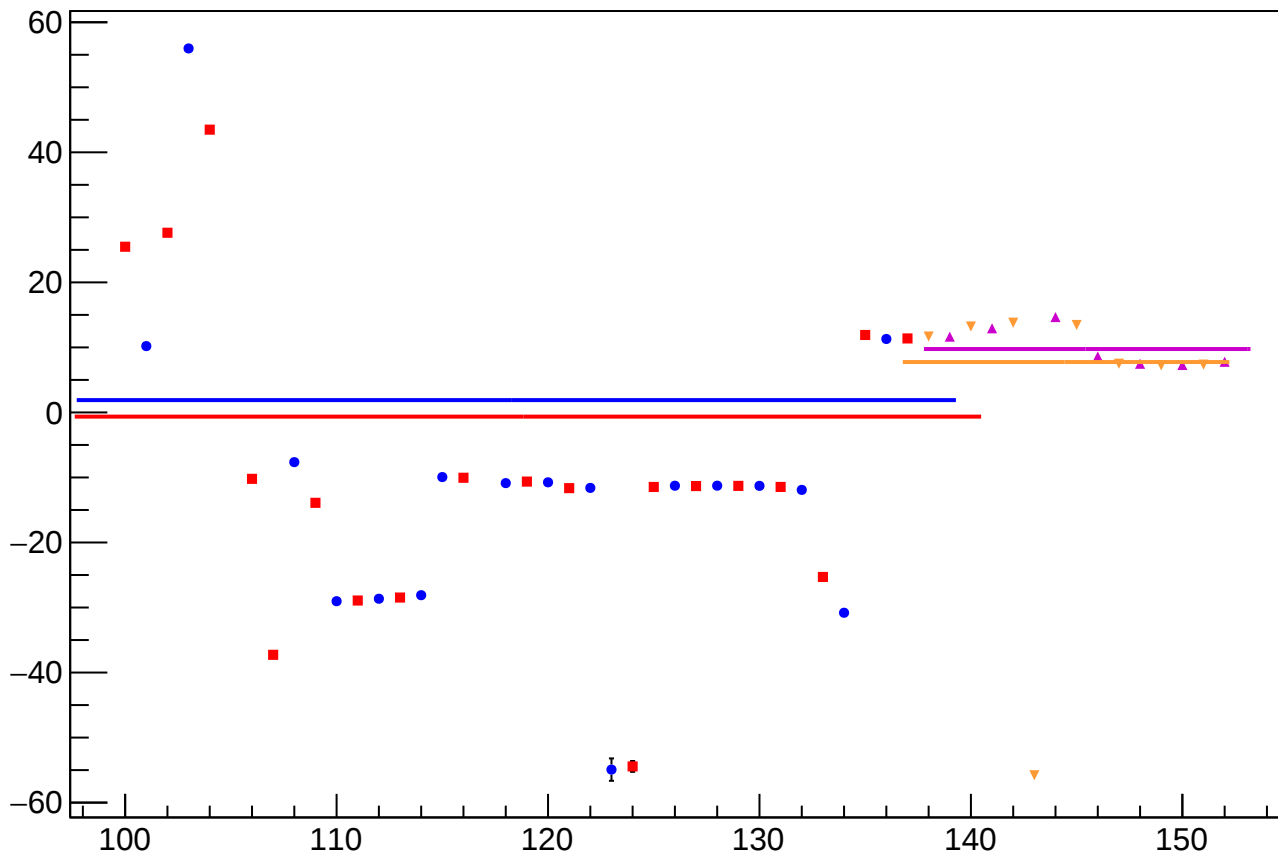
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 0.400 ± 0.391 $\chi^2/\text{NDF}: 946.3/23$

Out: 2.125 ± 0.397 $\chi^2/\text{NDF}: 1272.2/26$

All: 1.251 ± 0.279 $\chi^2/\text{NDF}: 2228.1/50$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.751 $\pm$ 0.025 χ^2/NDF :256171.4/7

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.751 $\pm$ 0.024 χ^2/NDF :12028.8/6

Left: 8.822 $\pm$ 0.017 χ^2/NDF : 271559.5/14

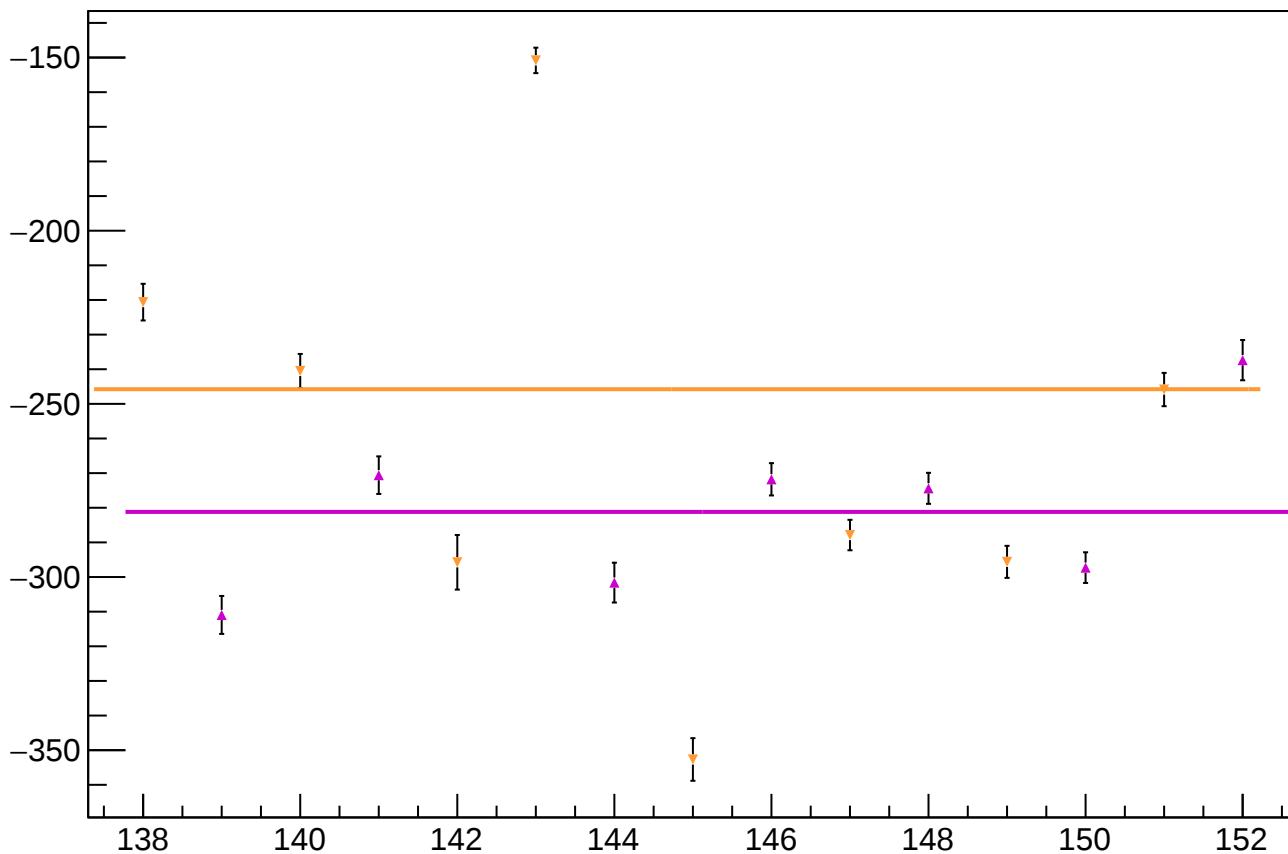
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.495 $\pm$ 0.020 χ^2/NDF :402934.7/23

Out: 5.088 $\pm$ 0.021 χ^2/NDF :652854.3/26

All: 6.351 $\pm$ 0.014 χ^2/NDF : 1062767.6/50

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: -245.768+/-1.727 χ^2/NDF :1240.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.196+/-1.911 χ^2/NDF :122.2/6

Left: -261.698+/-1.281 χ^2/NDF : 1552.0/14

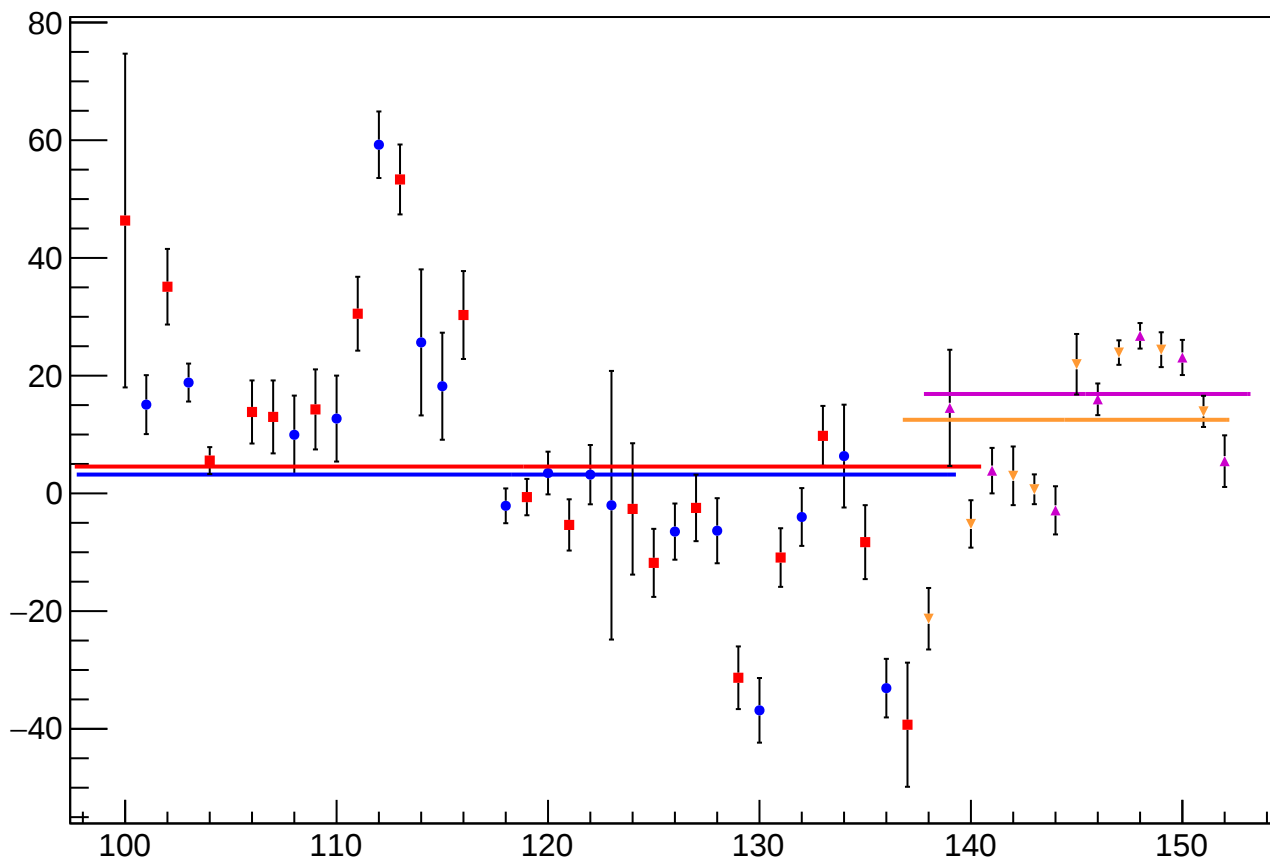
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.196+/-1.911 χ^2/NDF :122.2/6

Out: -245.768+/-1.727 χ^2/NDF :1240.6/7

All: -261.698+/-1.281 χ^2/NDF : 1552.0/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 12.504 ± 1.104 χ^2/NDF : 136.5/7

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 16.888 ± 1.239 χ^2/NDF : 66.7/6

Left: 14.444 ± 0.824 χ^2/NDF : 210.1/14

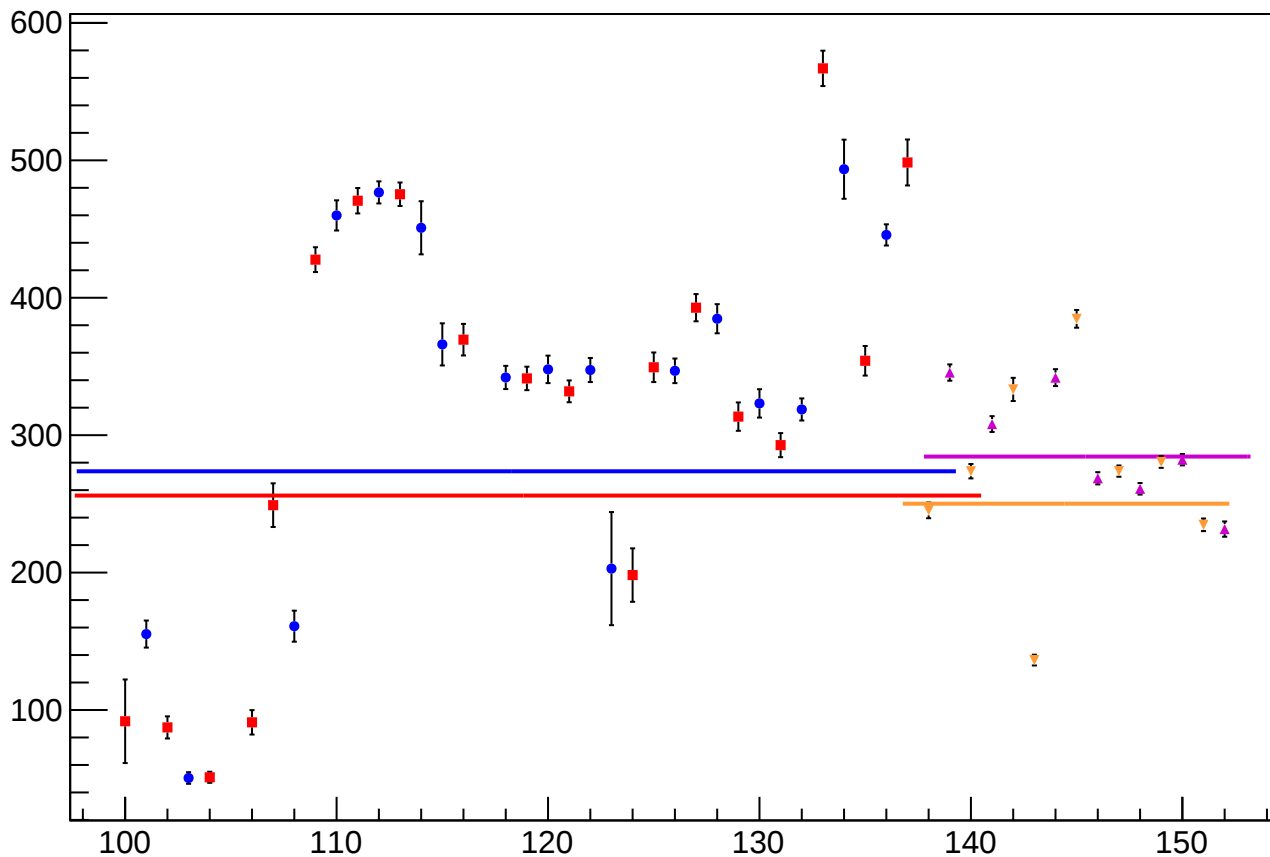
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 9.979 ± 0.872 χ^2/NDF : 383.4/23

Out: 8.719 ± 0.799 χ^2/NDF : 385.1/26

All: 9.294 ± 0.589 χ^2/NDF : 769.6/50

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: 250.149 $\pm$ 1.740 χ^2 /NDF:1489.0/7

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 284.437 $\pm$ 1.881 χ^2 /NDF:343.9/6

Left: 265.956 $\pm$ 1.277 χ^2 /NDF: 2012.0/14

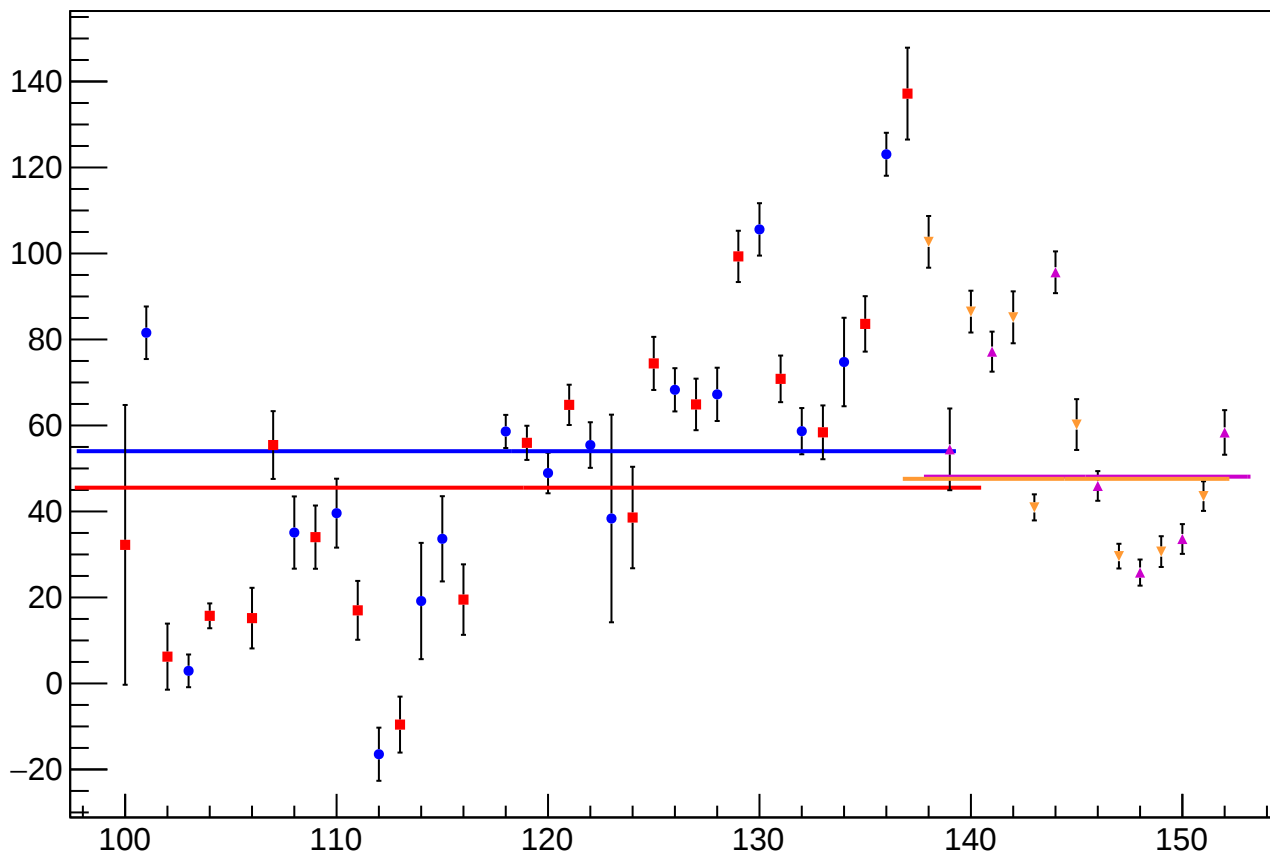
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 279.896 $\pm$ 1.428 χ^2 /NDF:5461.0/23

Out: 252.582 $\pm$ 1.334 χ^2 /NDF:7934.9/26

All: 265.310 $\pm$ 0.975 χ^2 /NDF: 13591.2/50

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: 47.588 $\pm$ 1.389 χ^2 /NDF:258.9/7

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 48.092 $\pm$ 1.557 χ^2 /NDF:211.0/6

Left: 47.812 $\pm$ 1.037 χ^2 /NDF: 470.0/14

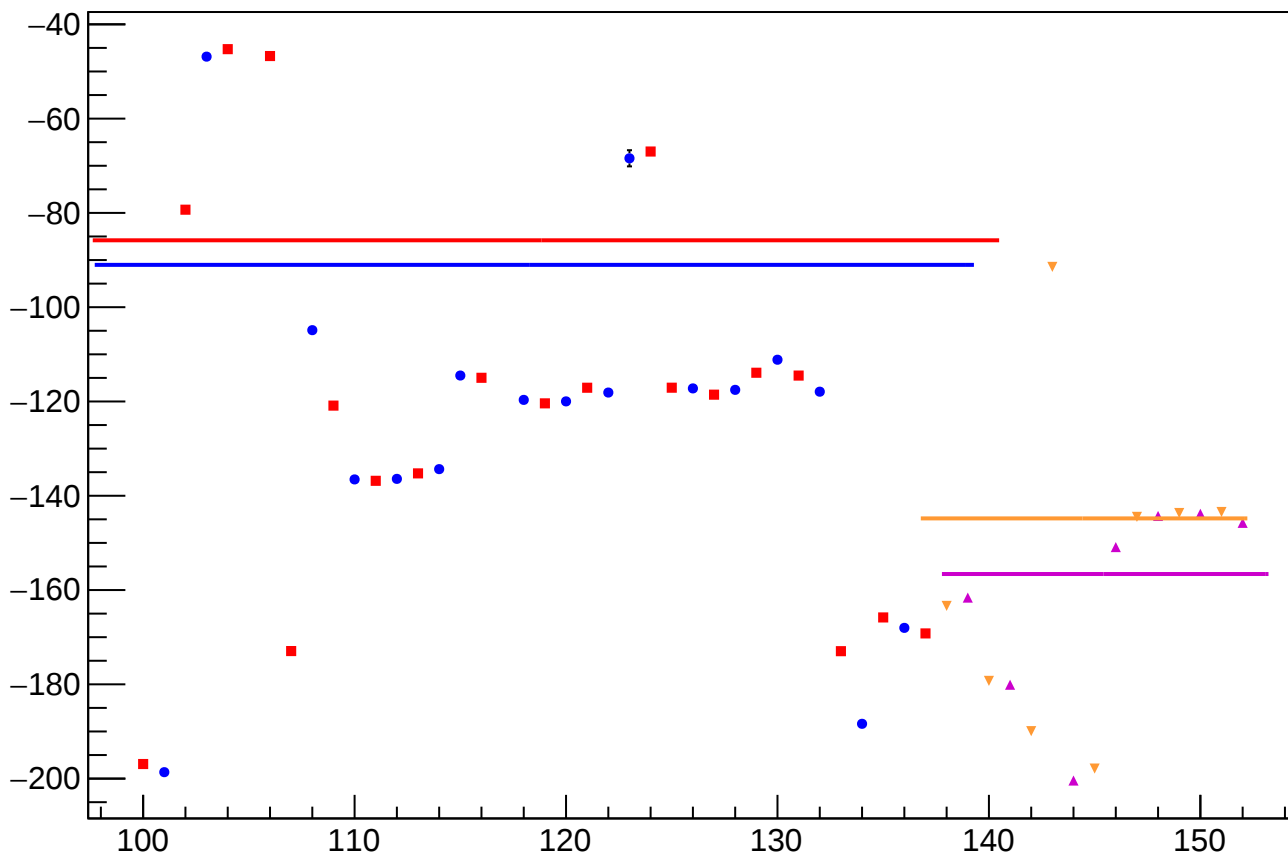
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 51.319 $\pm$ 1.050 χ^2 /NDF:851.8/23

Out: 46.535 $\pm$ 0.971 χ^2 /NDF:786.8/26

All: 48.739 $\pm$ 0.713 χ^2 /NDF: 1649.8/50

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -144.803+/-0.074 χ^2/NDF : 204542.8/7

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -156.599+/-0.079 χ^2/NDF : 50225.8/6

Left: -150.341+/-0.054 χ^2/NDF : 266718.3/14

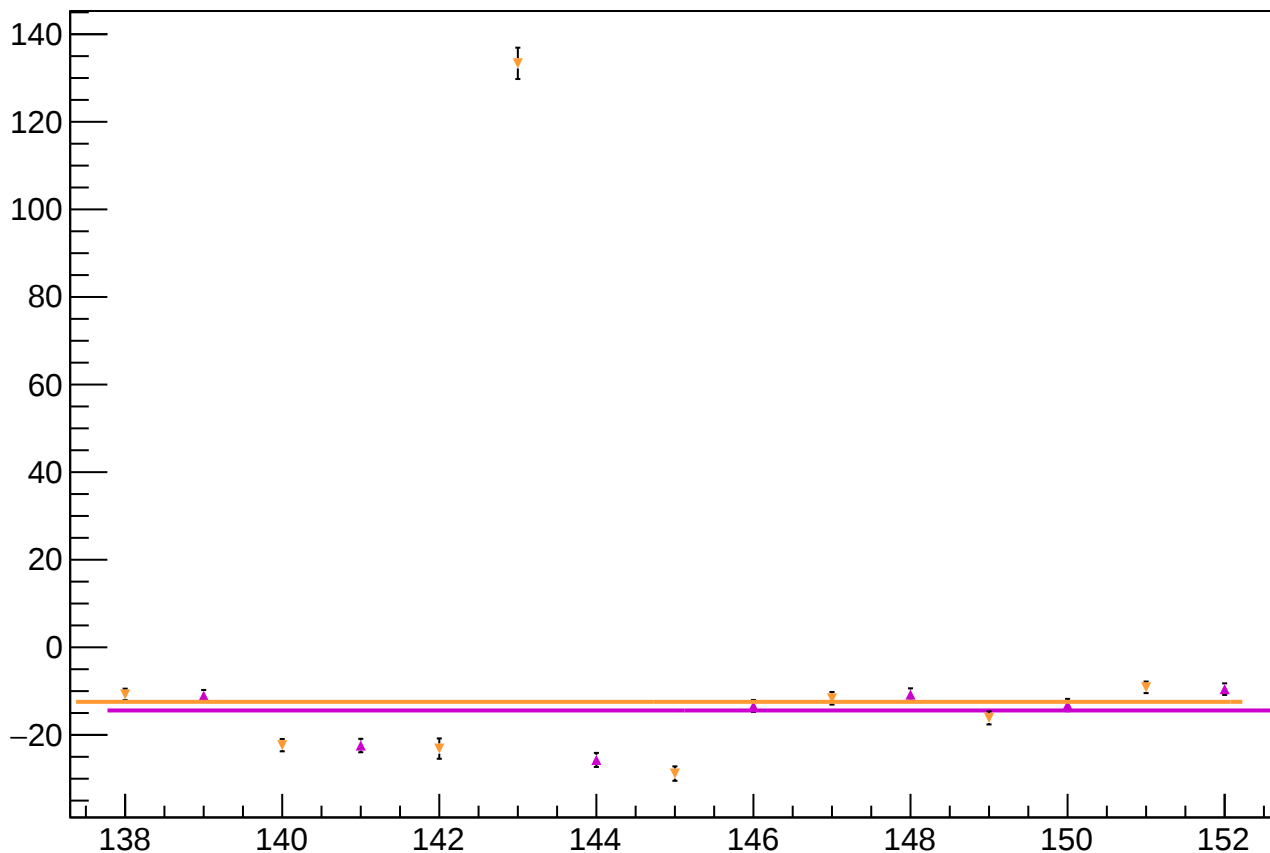
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -118.896+/-0.051 χ^2/NDF : 984720.6/23

Out: -111.538+/-0.049 χ^2/NDF : 1059404.7/26

All: -115.039+/-0.035 χ^2/NDF : 2054934.6/50

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: -12.449+/-0.557 χ^2/NDF :1840.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.419+/-0.534 χ^2/NDF :104.6/6

Left: -13.475+/-0.386 χ^2/NDF : 1951.9/14

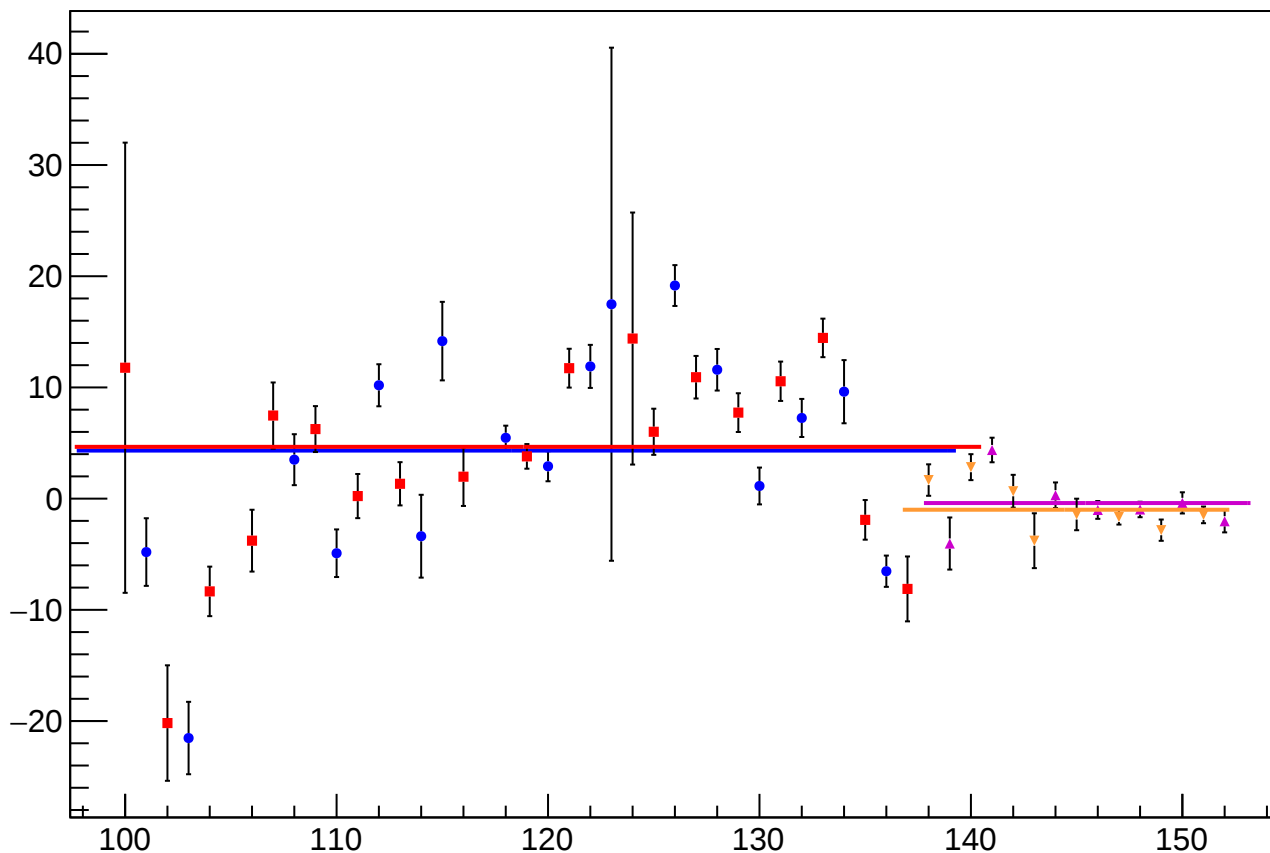
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.419+/-0.534 χ^2/NDF :104.6/6

Out: -12.449+/-0.557 χ^2/NDF :1840.8/7

All: -13.475+/-0.386 χ^2/NDF : 1951.9/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: -0.998 ± 0.368 χ^2/NDF : 21.9/7

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: -0.397 ± 0.366 χ^2/NDF : 25.4/6

Left: -0.695 ± 0.259 χ^2/NDF : 48.7/14

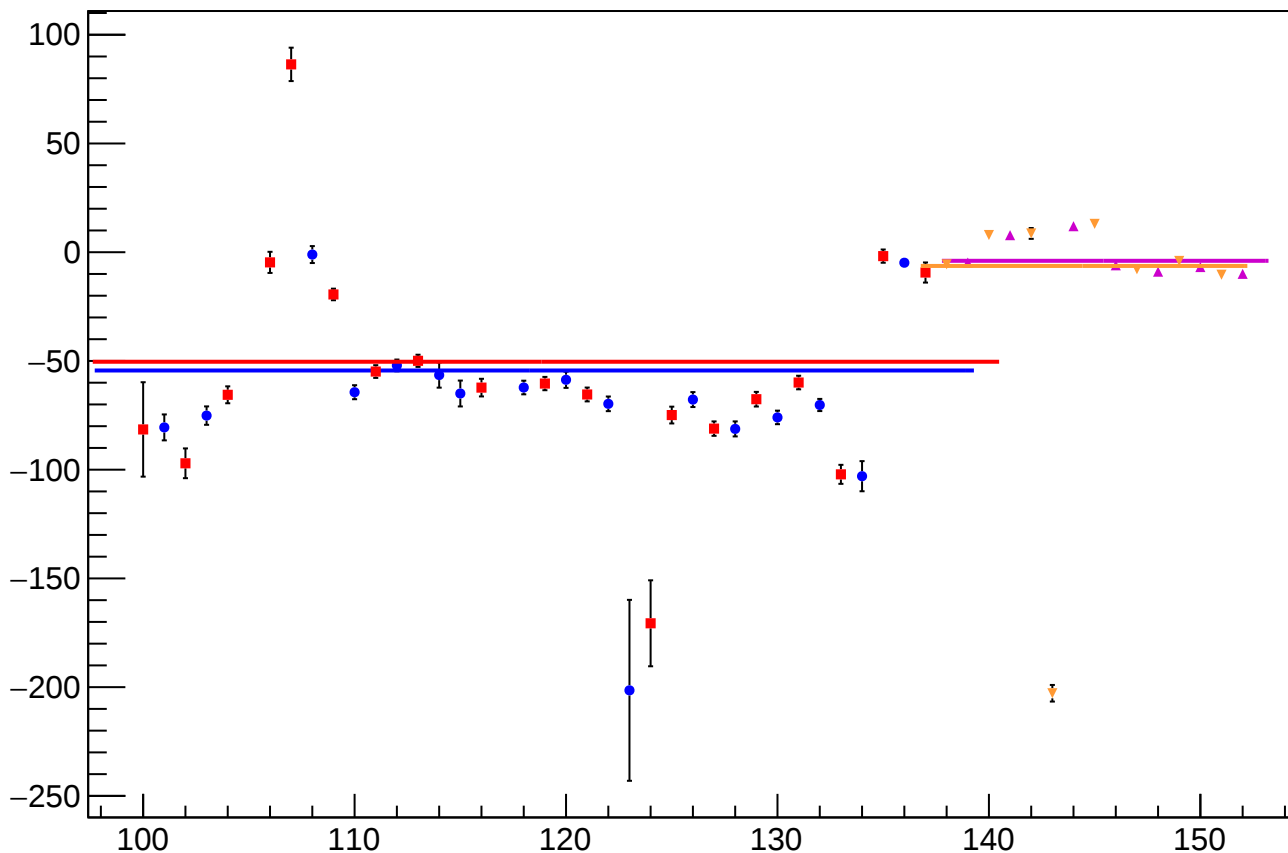
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.404 ± 0.287 χ^2/NDF : 369.3/23

Out: 1.130 ± 0.291 χ^2/NDF : 295.3/26

All: 1.268 ± 0.204 χ^2/NDF : 665.1/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -6.314+/-0.559 χ^2/NDF : 2913.8/7

Right Out: -50.364+/-0.858 χ^2/NDF : 1321.3/18

Left In: -3.948+/-0.530 χ^2/NDF : 181.3/6

Left: -5.069+/-0.385 χ^2/NDF : 3104.6/14

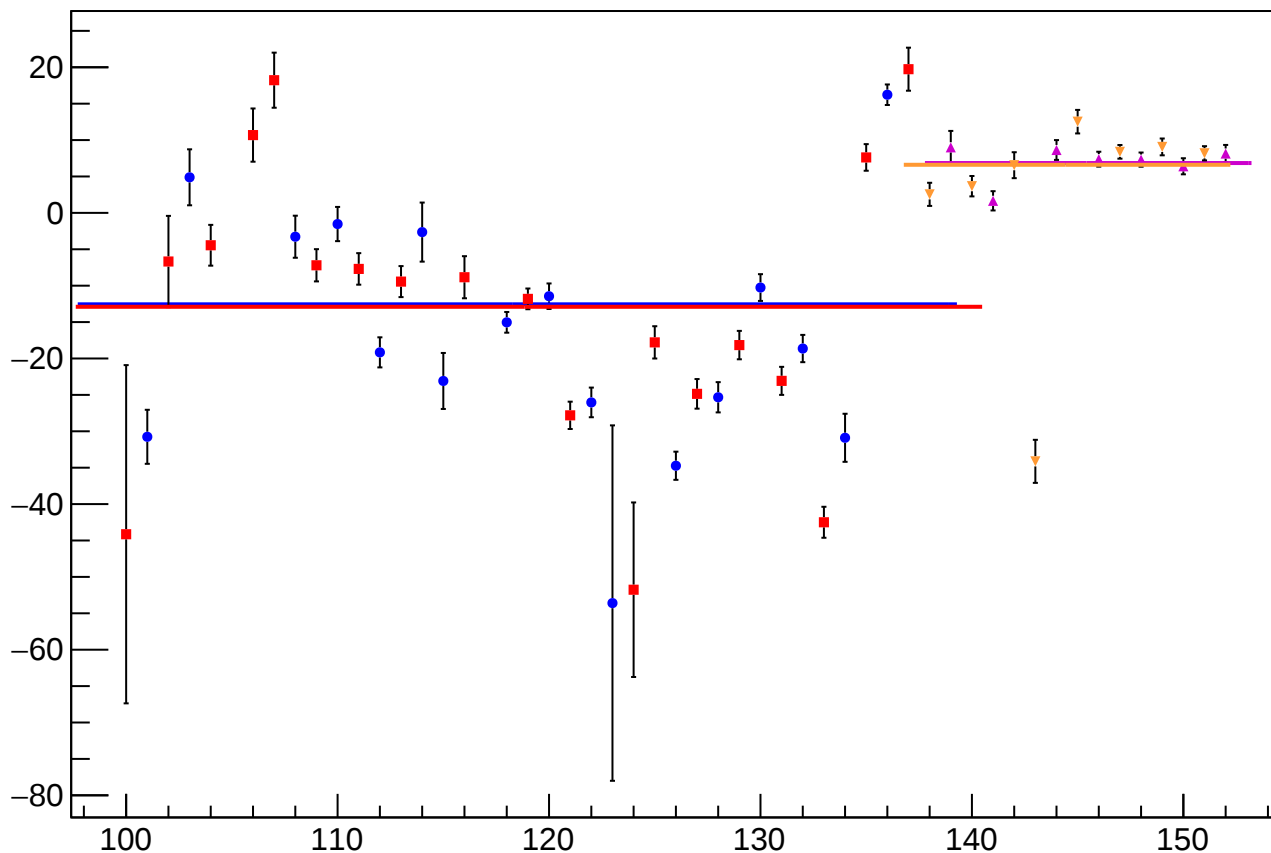
Right: -52.360+/-0.609 χ^2/NDF : 2346.2/35

In: -17.733+/-0.452 χ^2/NDF : 3669.2/23

Out: -19.438+/-0.468 χ^2/NDF : 6087.4/26

All: -18.555+/-0.325 χ^2/NDF : 9763.4/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.606 ± 0.463 χ^2/NDF : 225.0/7

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.845 ± 0.454 χ^2/NDF : 19.9/6

Left: 6.728 ± 0.324 χ^2/NDF : 245.0/14

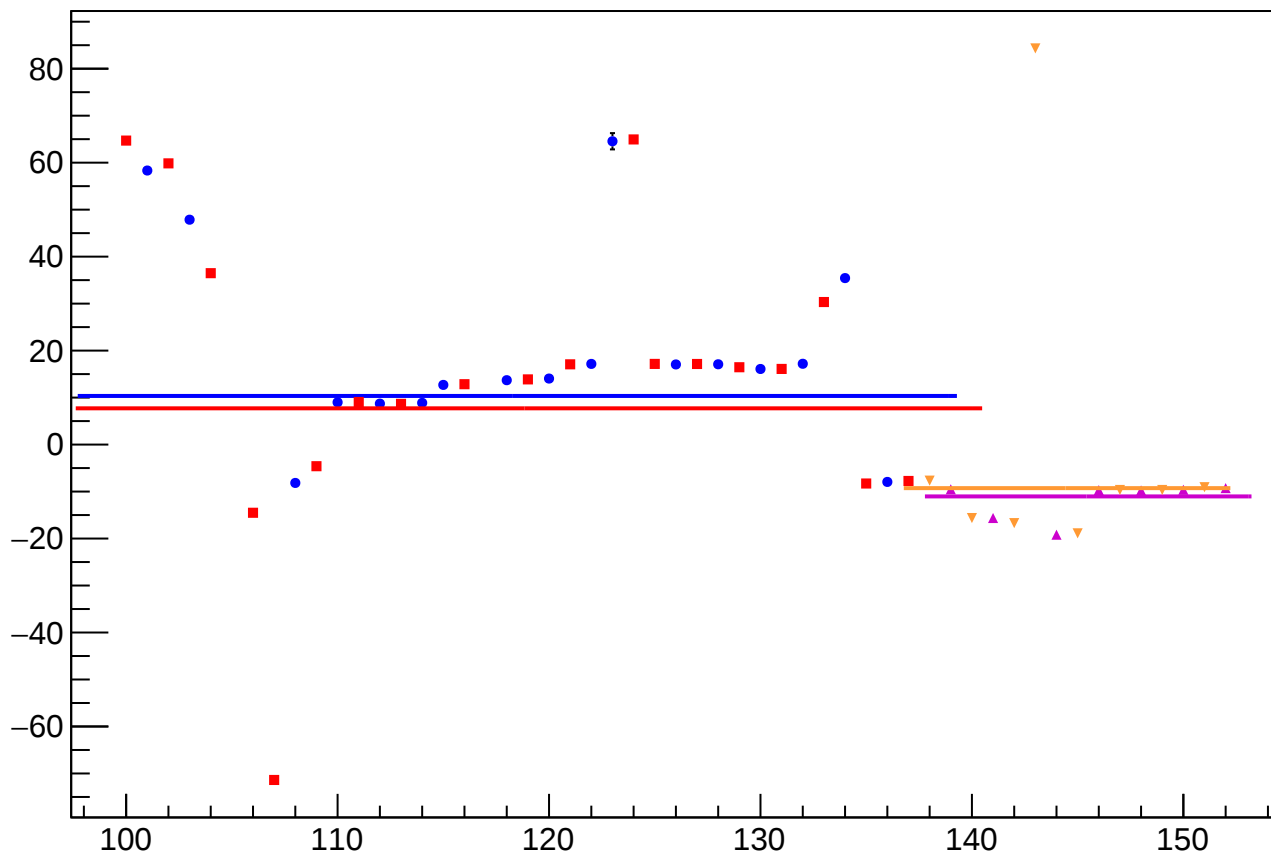
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -1.344 ± 0.345 χ^2/NDF : 1570.1/23

Out: -1.700 ± 0.351 χ^2/NDF : 1707.6/26

All: -1.519 ± 0.246 χ^2/NDF : 3278.2/50

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: -9.272+/-0.024 χ^2/NDF :407055.8/7

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -11.033+/-0.022 χ^2/NDF :20360.3/6

Left: -10.222+/-0.016 χ^2/NDF : 430407.5/14

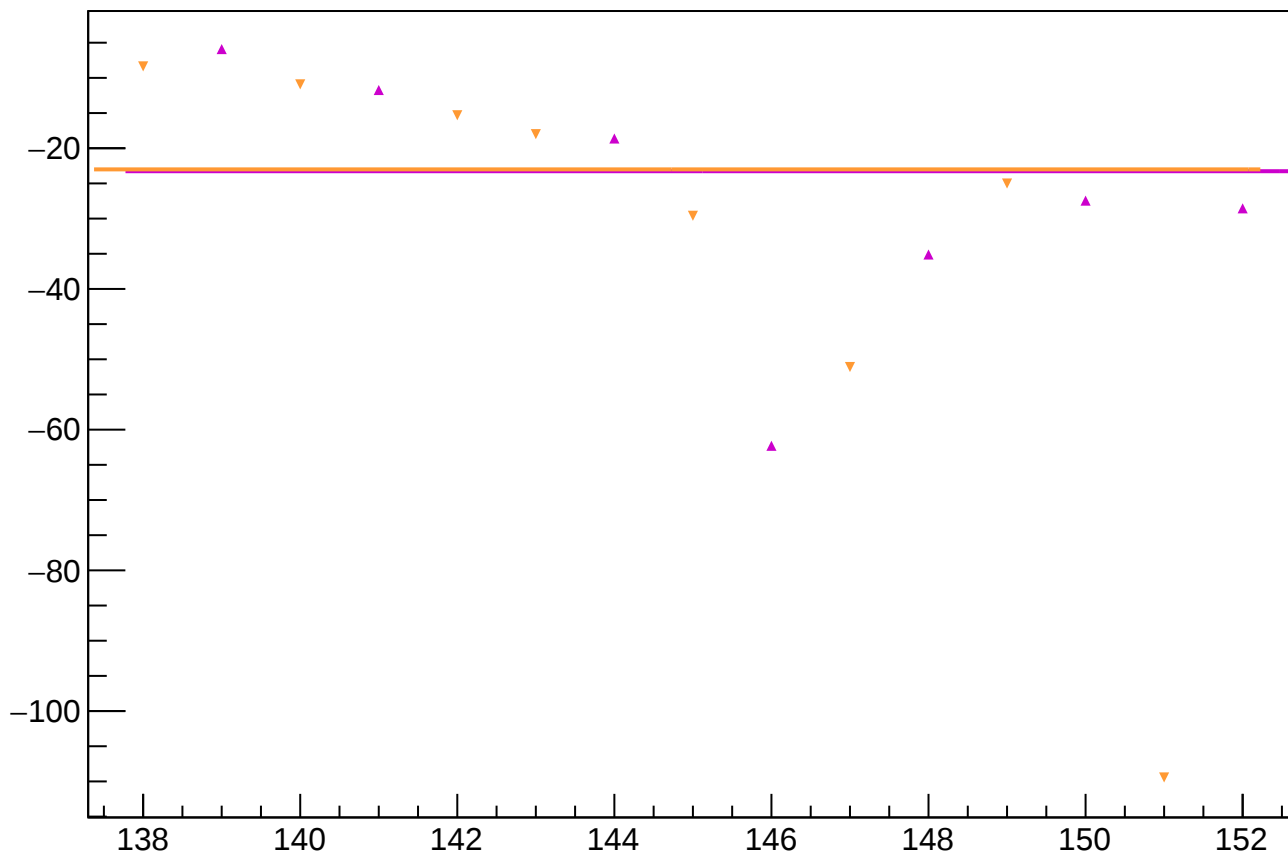
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -3.805+/-0.018 χ^2/NDF :724911.5/23

Out: -3.088+/-0.019 χ^2/NDF :1139841.7/26

All: -3.468+/-0.013 χ^2/NDF : 1865519.1/50

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.006+/-0.100 χ^2/NDF : 48883.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Left: -23.145+/-0.068 χ^2/NDF : 77339.8/14

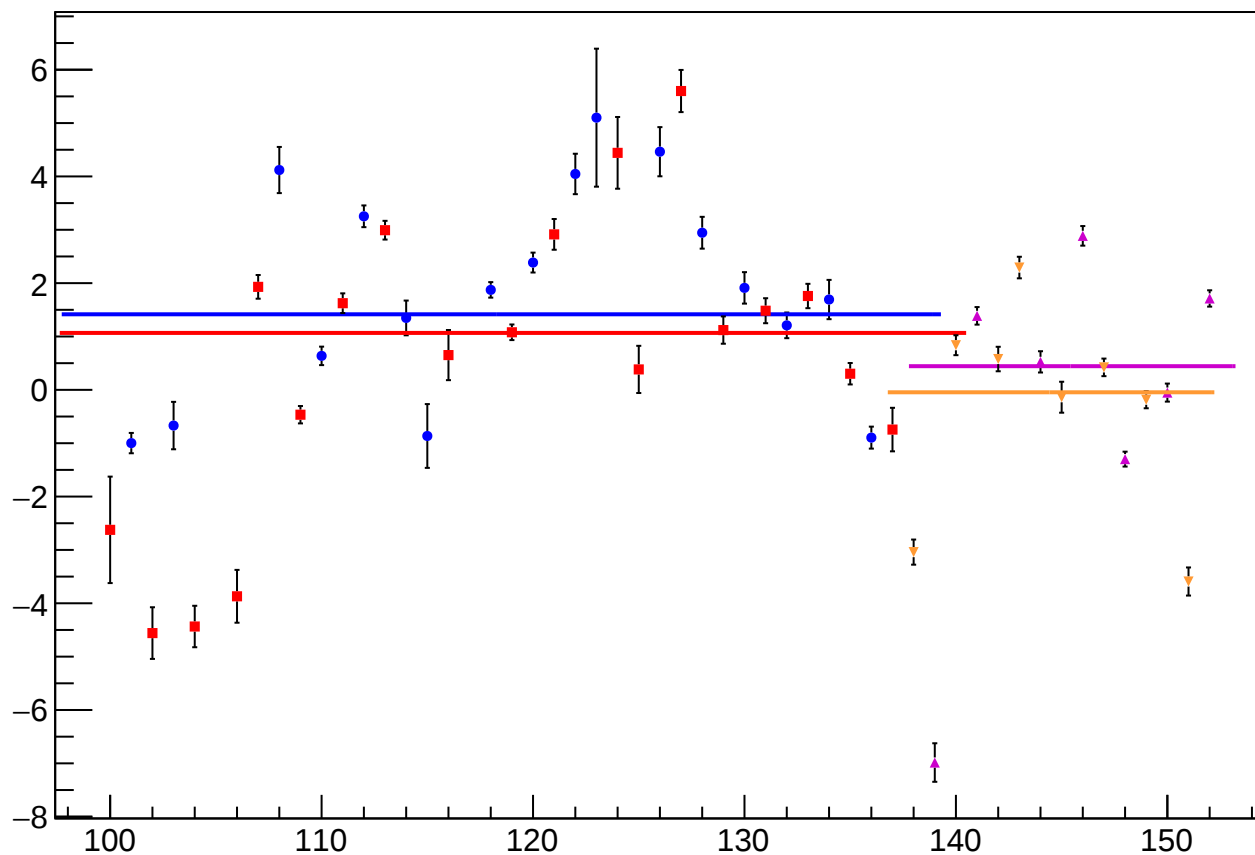
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Out: -23.006+/-0.100 χ^2/NDF : 48883.7/7

All: -23.145+/-0.068 χ^2/NDF : 77339.8/14

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: -0.046 $\pm$ 0.072 χ^2 /NDF:515.7/7

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 0.444 $\pm$ 0.066 χ^2 /NDF:866.2/6

Left: 0.220 $\pm$ 0.049 χ^2 /NDF: 1407.0/14

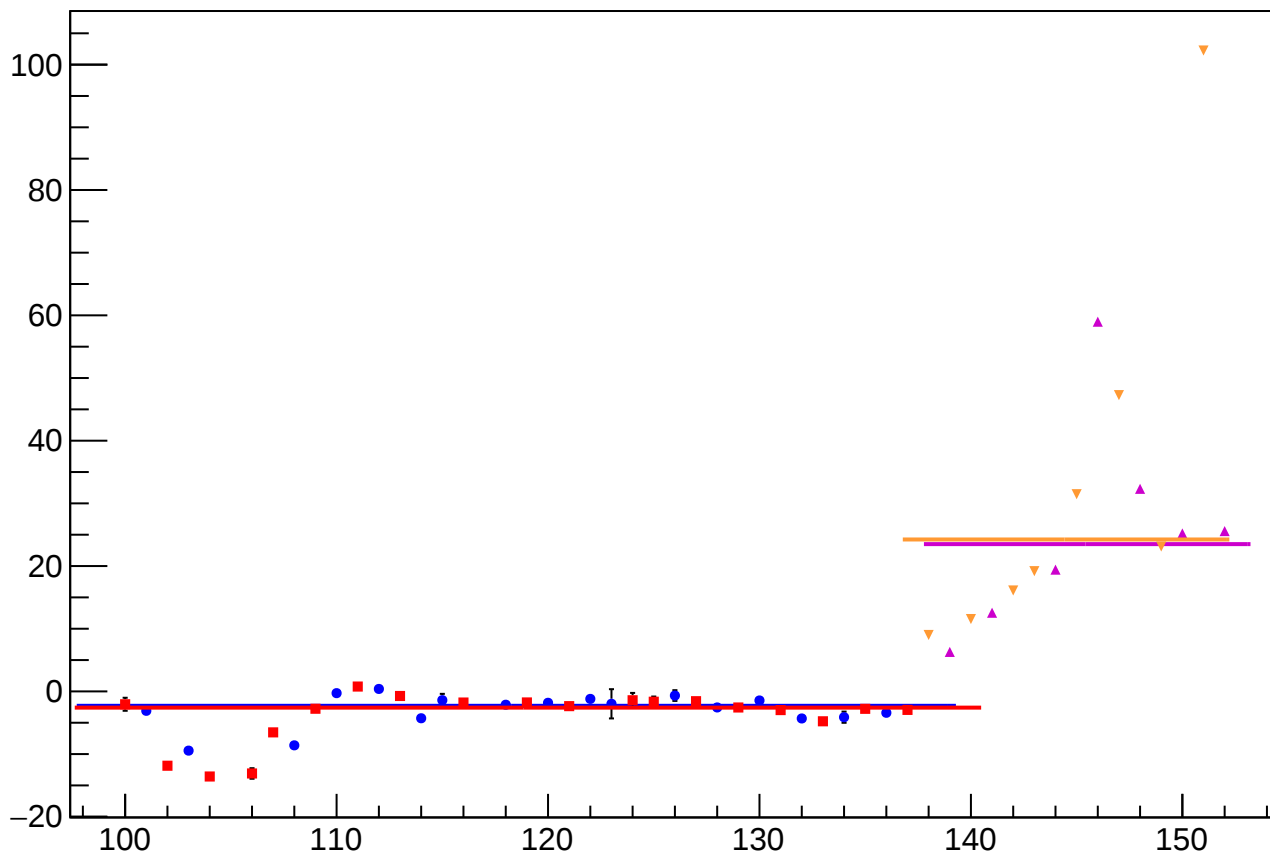
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 0.968 $\pm$ 0.045 χ^2 /NDF:1613.9/23

Out: 0.629 $\pm$ 0.045 χ^2 /NDF:1590.0/26

All: 0.800 $\pm$ 0.032 χ^2 /NDF: 3232.1/50

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: 24.238 ± 0.103 χ^2/NDF : 43451.1/7

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 23.499 ± 0.093 χ^2/NDF : 23833.3/6

Left: 23.833 ± 0.069 χ^2/NDF : 67312.9/14

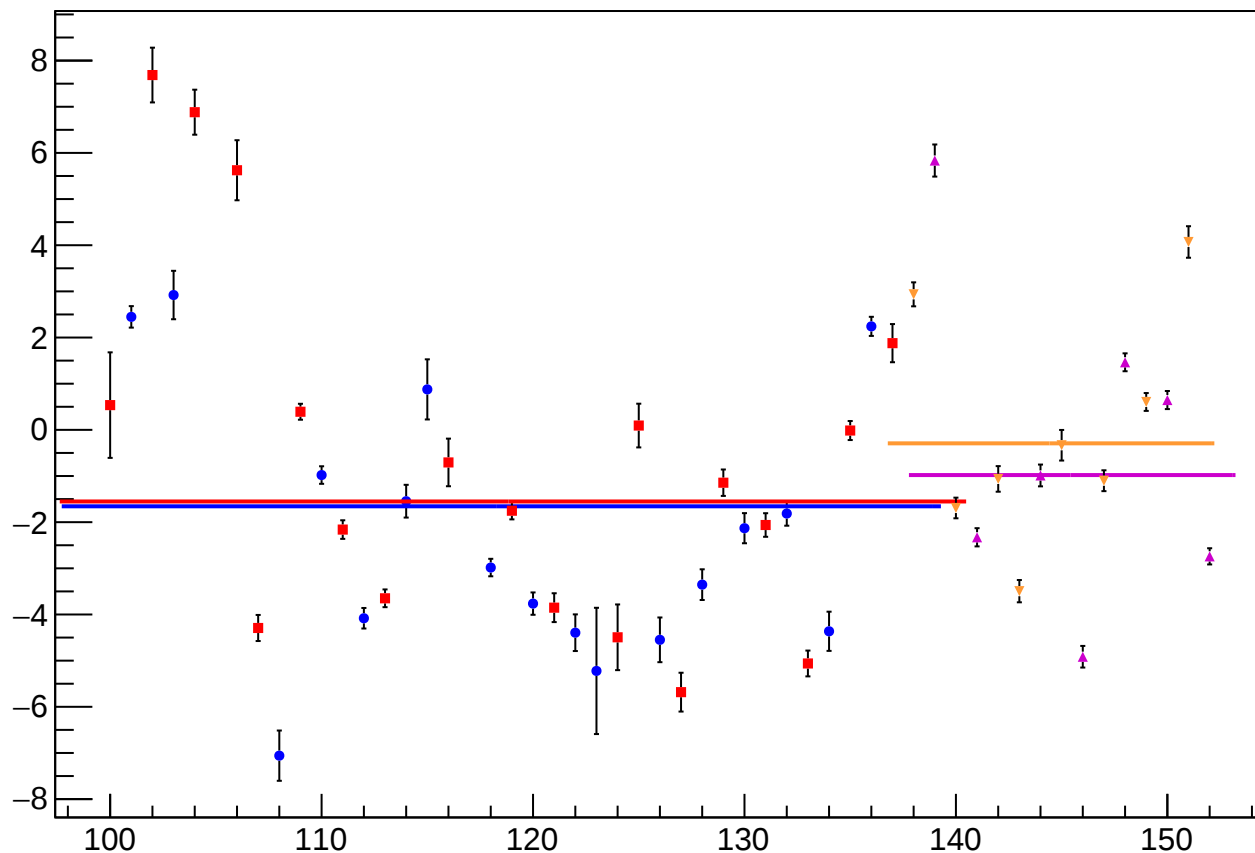
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 12.843 ± 0.071 χ^2/NDF : 56072.3/23

Out: 10.327 ± 0.071 χ^2/NDF : 79823.2/26

All: 11.584 ± 0.050 χ^2/NDF : 136520.0/50

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -0.292 ± 0.088 $\chi^2/\text{NDF}: 574.7/7$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -0.979 ± 0.080 $\chi^2/\text{NDF}: 1041.1/6$

Left: -0.668 ± 0.059 $\chi^2/\text{NDF}: 1649.1/14$

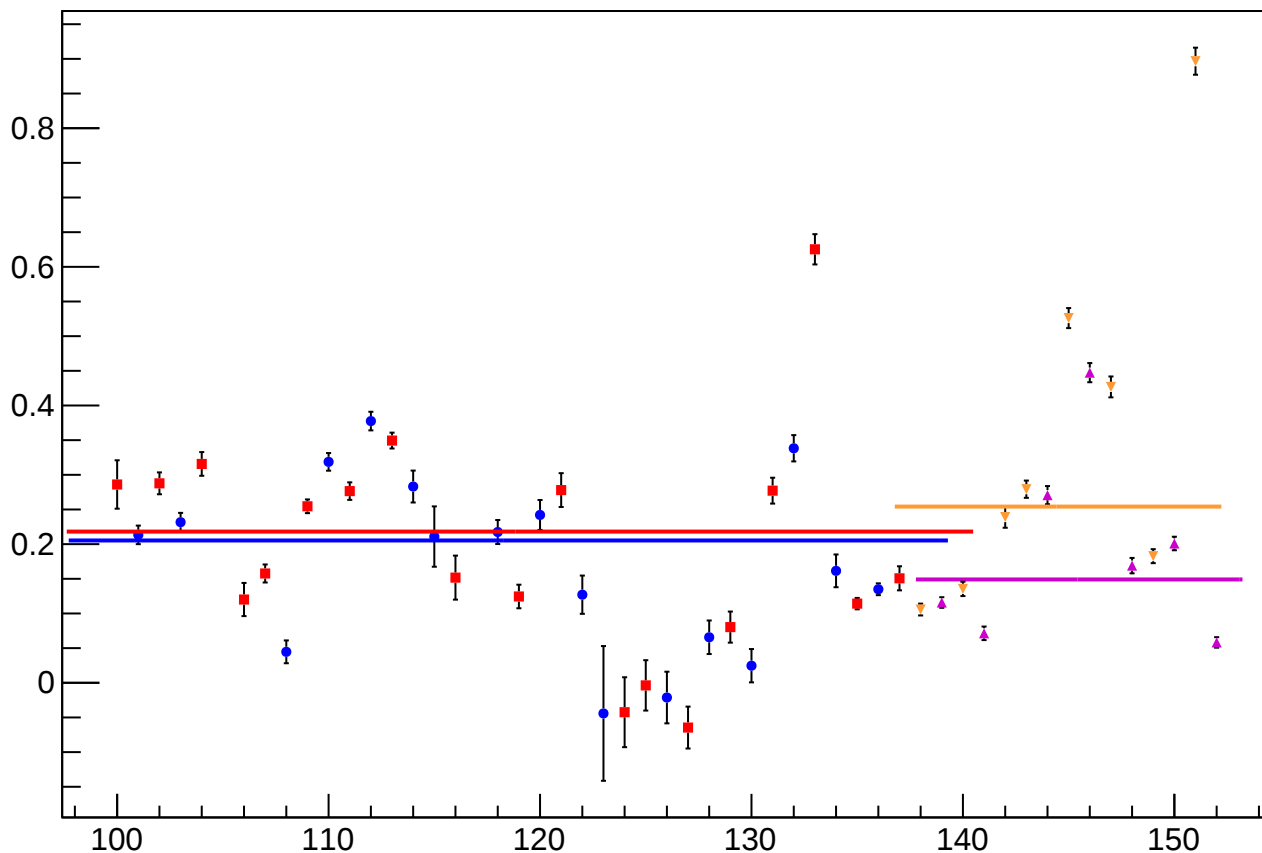
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.362 ± 0.053 $\chi^2/\text{NDF}: 2352.4/23$

Out: -1.102 ± 0.053 $\chi^2/\text{NDF}: 2194.3/26$

All: -1.231 ± 0.037 $\chi^2/\text{NDF}: 4558.8/50$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 0.254 ± 0.004 $\chi^2/\text{NDF}: 2058.2/7$

Right Out: 0.218 ± 0.004 $\chi^2/\text{NDF}: 1023.2/18$

Left In: 0.149 ± 0.004 $\chi^2/\text{NDF}: 809.5/6$

Left: 0.194 ± 0.003 $\chi^2/\text{NDF}: 3218.9/14$

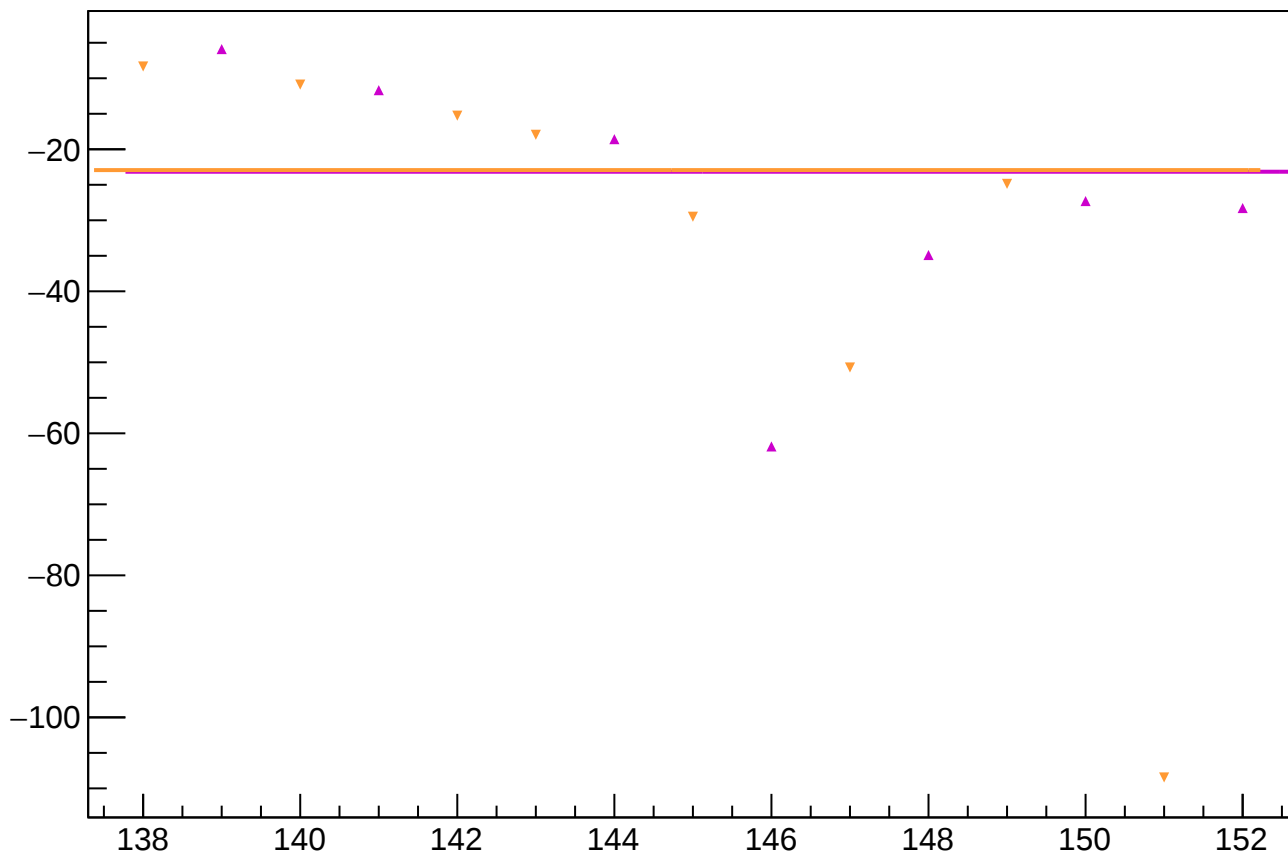
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1649.1/35$

In: 0.174 ± 0.003 $\chi^2/\text{NDF}: 1533.6/23$

Out: 0.234 ± 0.003 $\chi^2/\text{NDF}: 3122.4/26$

All: 0.203 ± 0.002 $\chi^2/\text{NDF}: 4890.9/50$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.933+/-0.099 χ^2/NDF : 48767.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Left: -23.055+/-0.068 χ^2/NDF : 77125.5/14

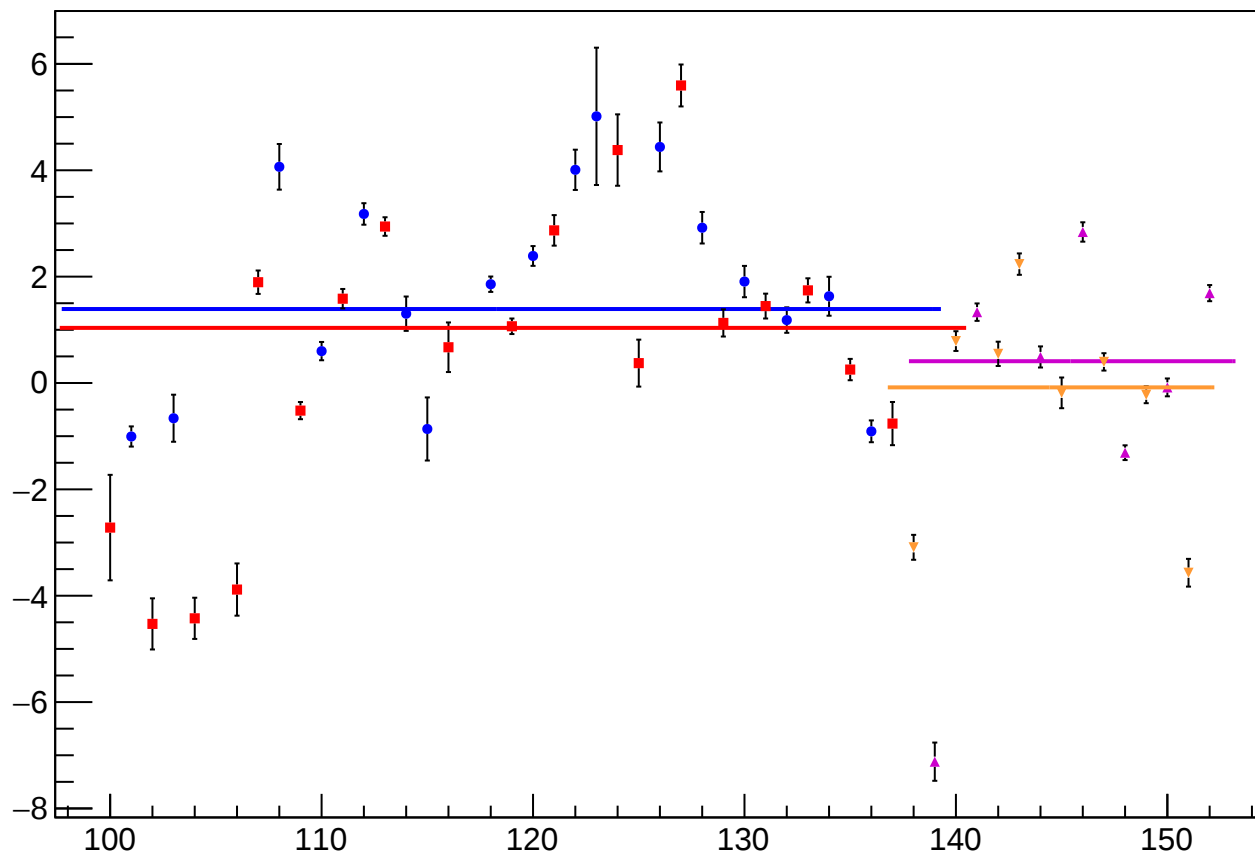
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Out: -22.933+/-0.099 χ^2/NDF : 48767.1/7

All: -23.055+/-0.068 χ^2/NDF : 77125.5/14

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: -0.082 ± 0.072 $\chi^2/\text{NDF}: 514.8/7$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 0.410 ± 0.066 $\chi^2/\text{NDF}: 882.2/6$

Left: 0.185 ± 0.048 $\chi^2/\text{NDF}: 1422.6/14$

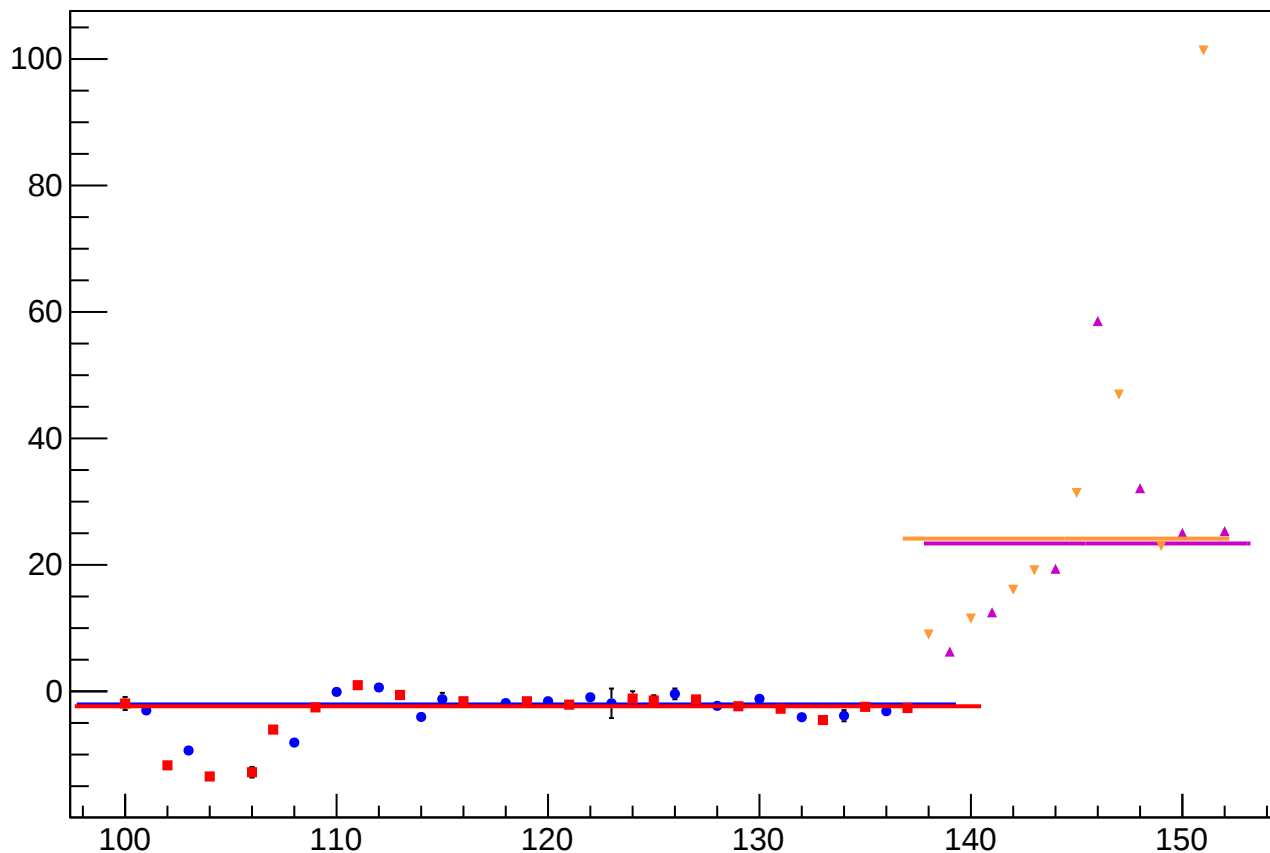
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 0.938 ± 0.045 $\chi^2/\text{NDF}: 1631.3/23$

Out: 0.595 ± 0.045 $\chi^2/\text{NDF}: 1596.5/26$

All: 0.768 ± 0.032 $\chi^2/\text{NDF}: 3257.0/50$

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: 24.155 ± 0.102 χ^2/NDF : 43334.4/7

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 23.385 ± 0.092 χ^2/NDF : 23751.9/6

Left: 23.732 ± 0.068 χ^2/NDF : 67117.6/14

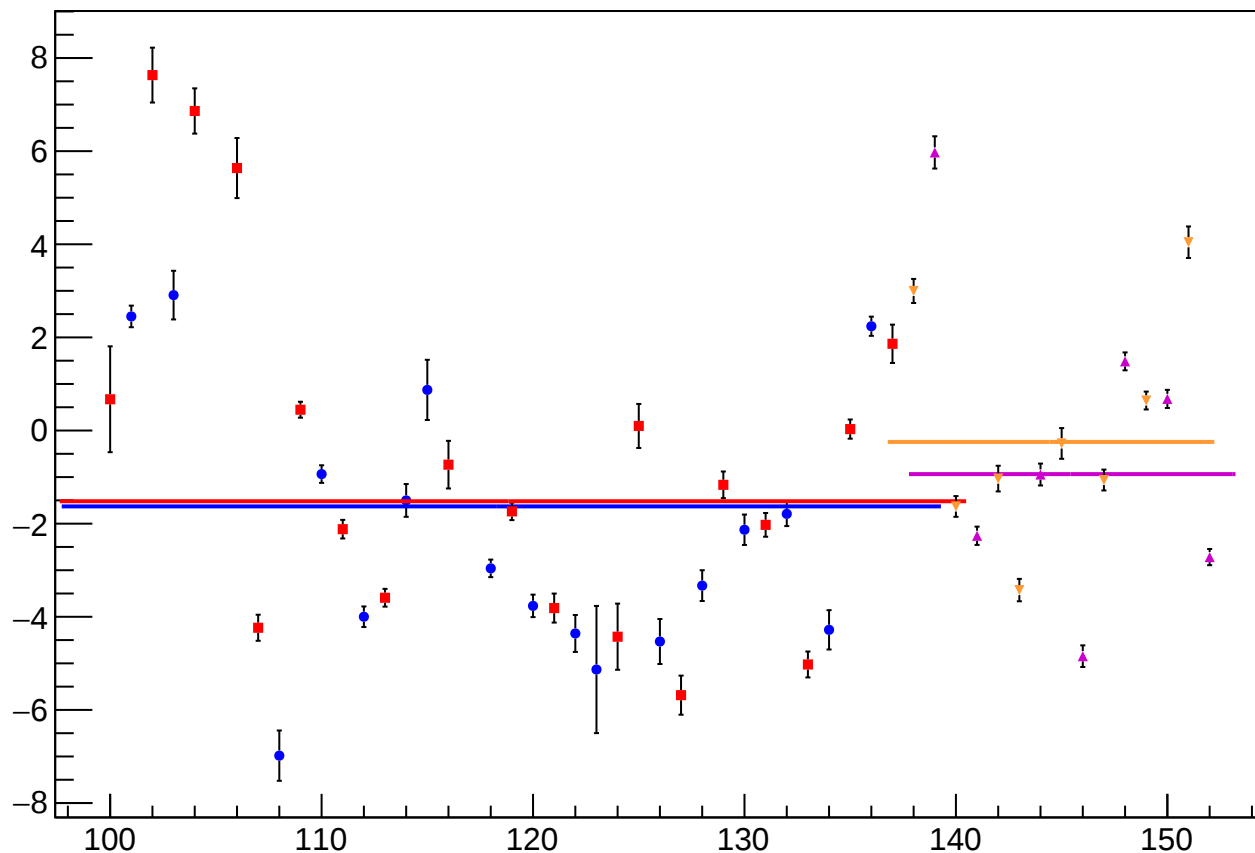
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 12.886 ± 0.071 χ^2/NDF : 55511.3/23

Out: 10.407 ± 0.071 χ^2/NDF : 79272.1/26

All: 11.645 ± 0.050 χ^2/NDF : 135396.4/50

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -0.245 ± 0.088 $\chi^2/\text{NDF}: 574.4/7$

Right Out: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -0.936 ± 0.080 $\chi^2/\text{NDF}: 1058.5/6$

Left: -0.623 ± 0.059 $\chi^2/\text{NDF}: 1667.0/14$

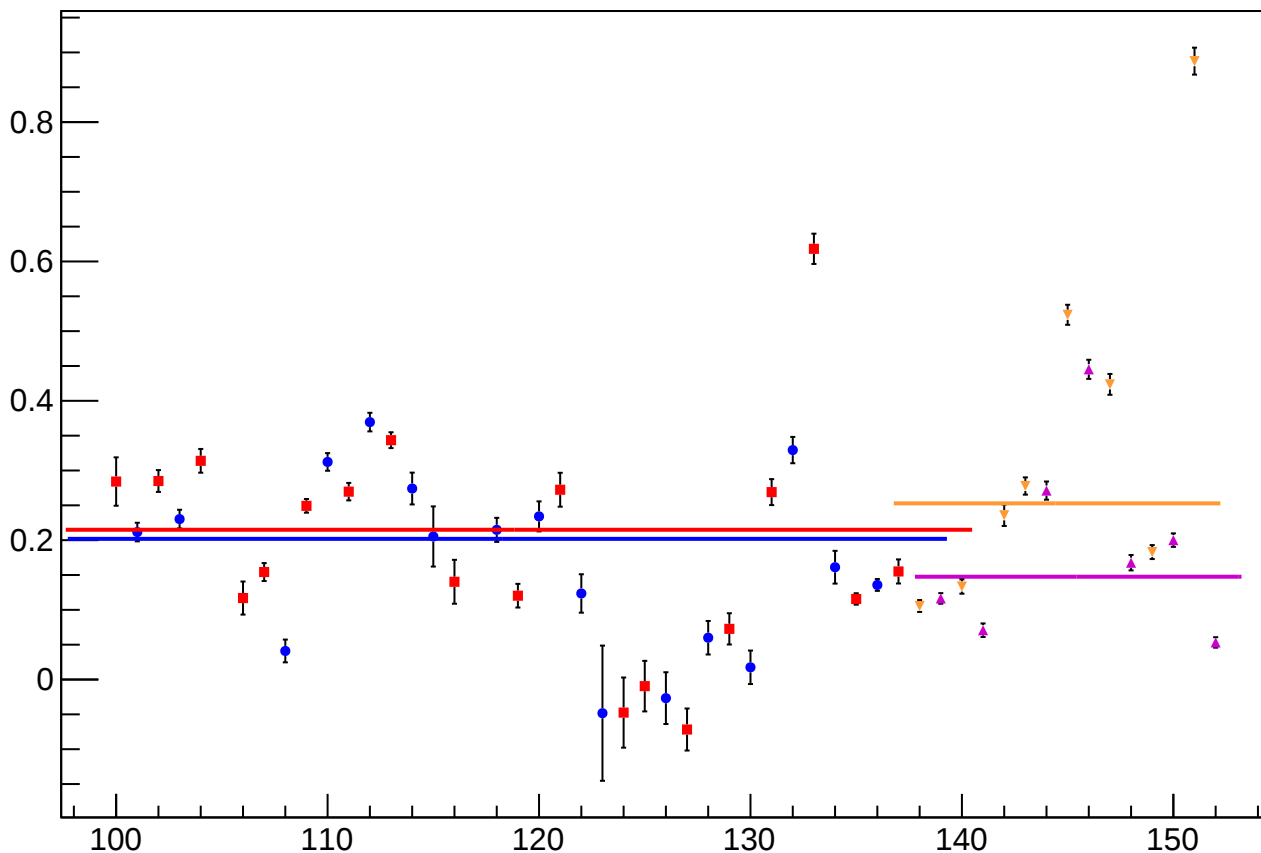
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.327 ± 0.053 $\chi^2/\text{NDF}: 2367.5/23$

Out: -1.063 ± 0.052 $\chi^2/\text{NDF}: 2202.4/26$

All: -1.194 ± 0.037 $\chi^2/\text{NDF}: 4582.5/50$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.253 $\pm$ 0.004 χ^2 /NDF:2049.5/7

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.148 $\pm$ 0.004 χ^2 /NDF:830.1/6

Left: 0.192 $\pm$ 0.003 χ^2 /NDF: 3236.2/14

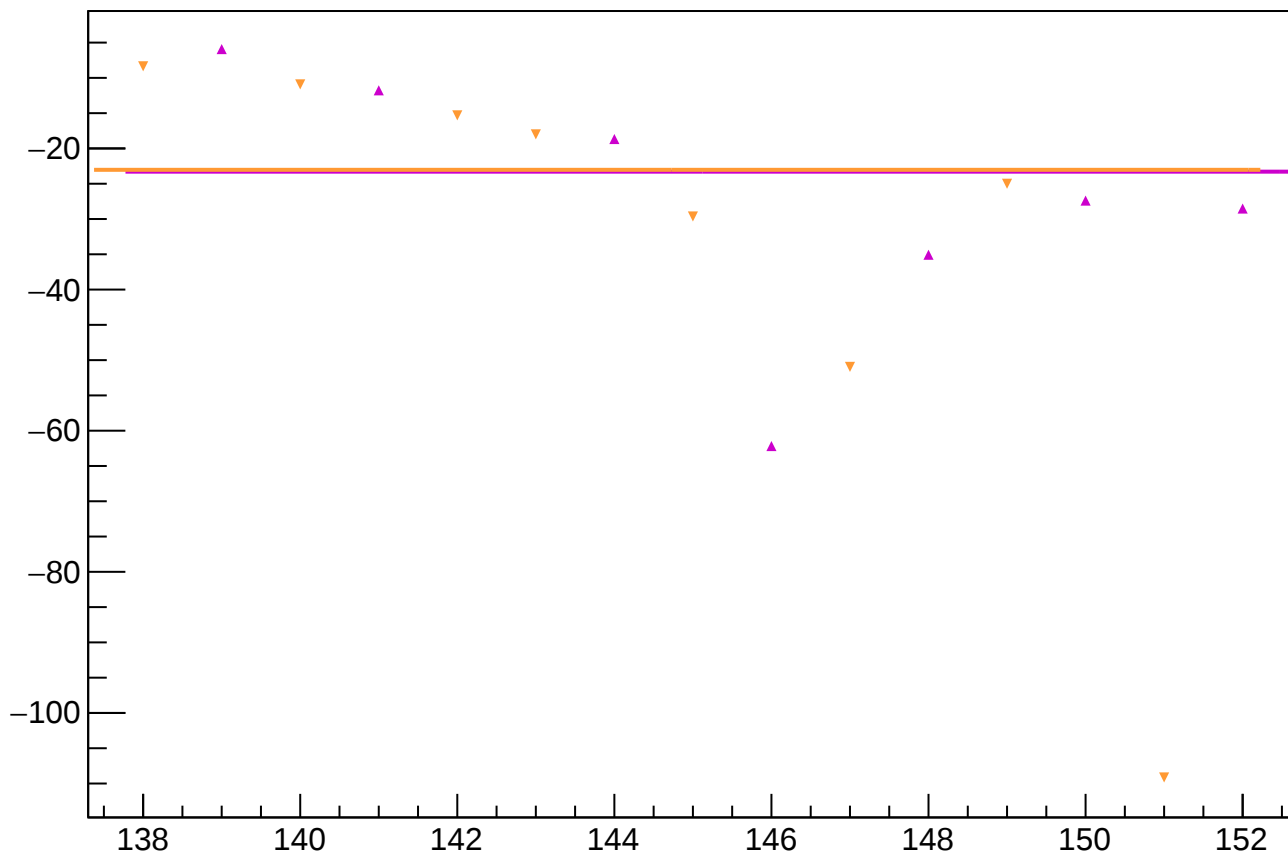
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.171 $\pm$ 0.003 χ^2 /NDF:1532.6/23

Out: 0.231 $\pm$ 0.003 χ^2 /NDF:3100.9/26

All: 0.201 $\pm$ 0.002 χ^2 /NDF: 4871.0/50

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.029+/-0.100 χ^2/NDF : 48869.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Left: -23.169+/-0.068 χ^2/NDF : 77273.3/14

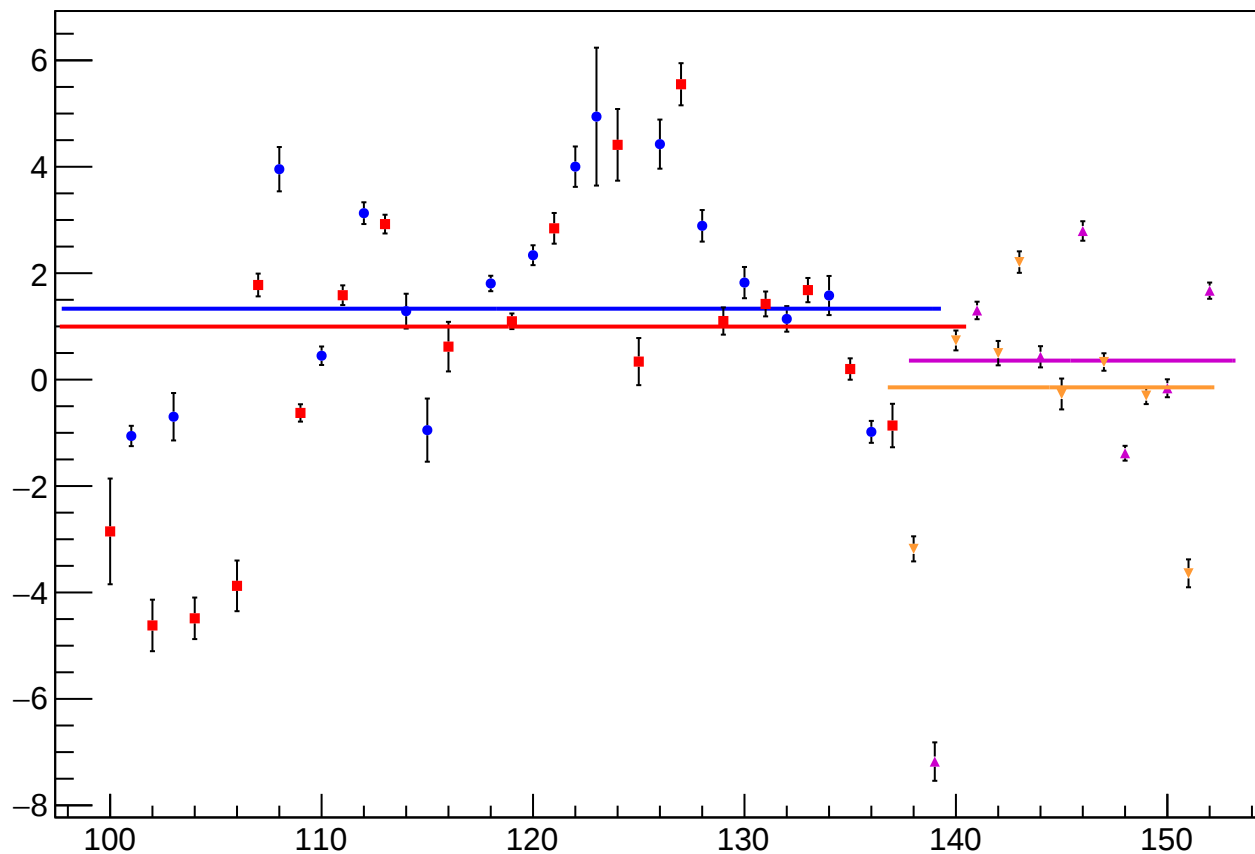
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Out: -23.029+/-0.100 χ^2/NDF : 48869.2/7

All: -23.169+/-0.068 χ^2/NDF : 77273.3/14

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 $\chi^2/\text{NDF}: 634.6/16$

Left Out: -0.145 ± 0.072 $\chi^2/\text{NDF}: 519.1/7$

Right Out: 0.997 ± 0.058 $\chi^2/\text{NDF}: 945.3/18$

Left In: 0.357 ± 0.066 $\chi^2/\text{NDF}: 885.2/6$

Left: 0.128 ± 0.049 $\chi^2/\text{NDF}: 1430.9/14$

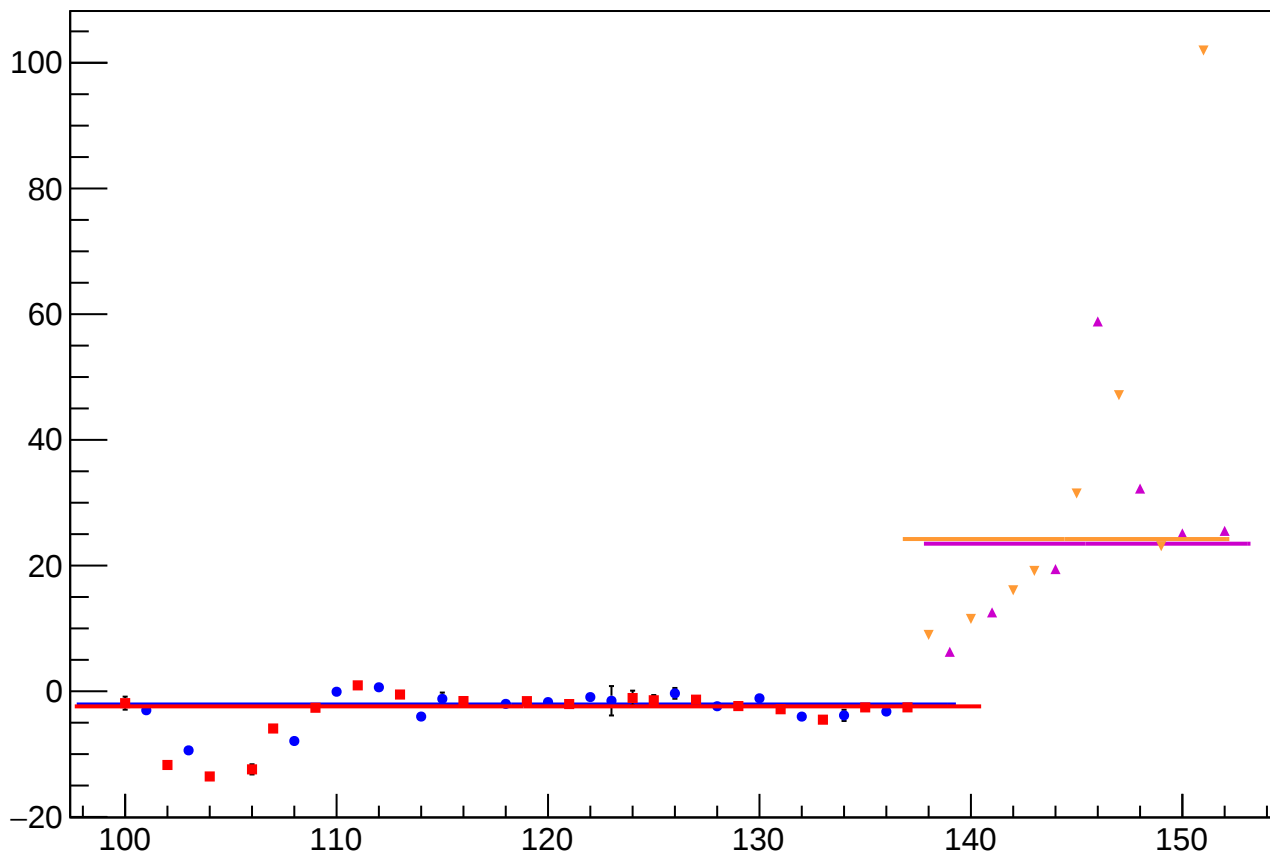
Right: 1.156 ± 0.042 $\chi^2/\text{NDF}: 1595.8/35$

In: 0.882 ± 0.045 $\chi^2/\text{NDF}: 1637.2/23$

Out: 0.547 ± 0.045 $\chi^2/\text{NDF}: 1617.2/26$

All: 0.716 ± 0.032 $\chi^2/\text{NDF}: 3282.1/50$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.223 ± 0.102 χ^2/NDF : 43435.4/7

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 23.481 ± 0.093 χ^2/NDF : 23790.8/6

Left: 23.815 ± 0.069 χ^2/NDF : 67254.9/14

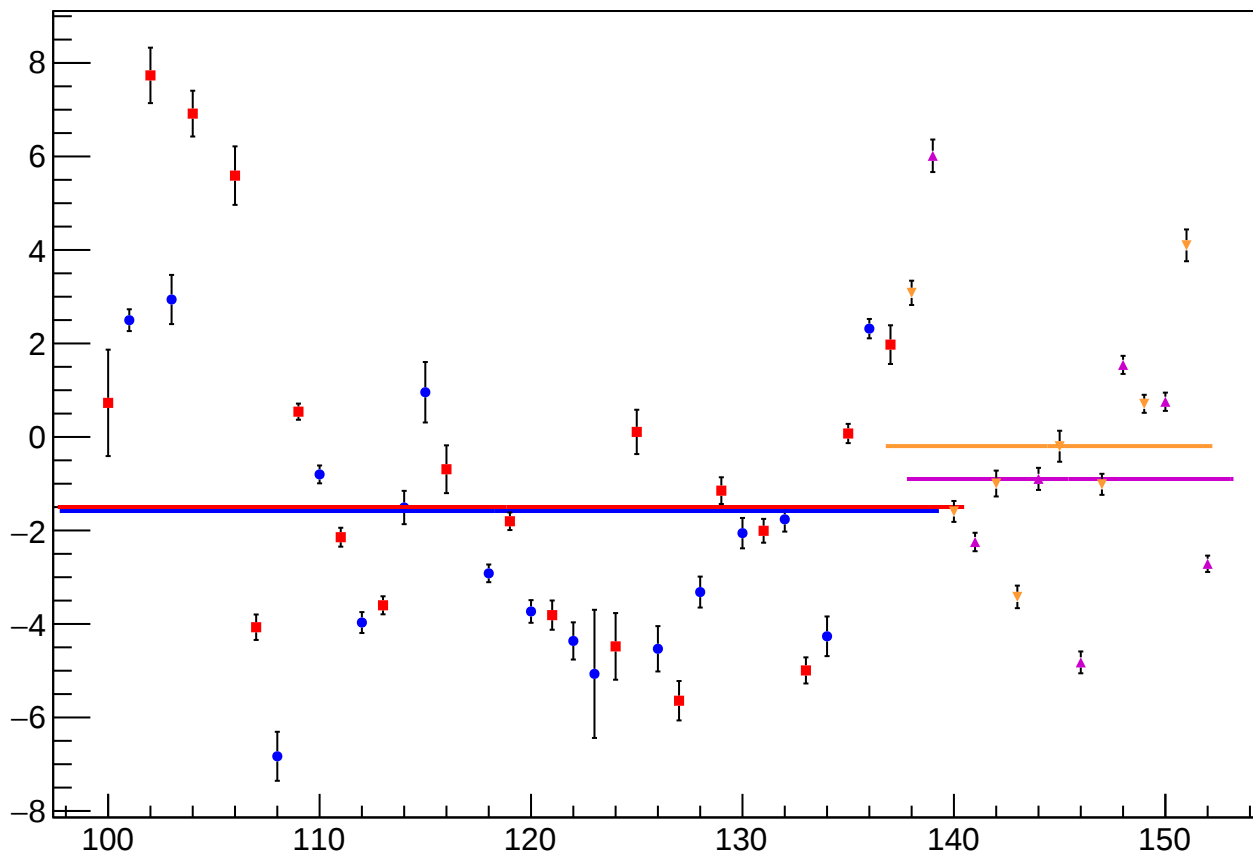
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 12.939 ± 0.071 χ^2/NDF : 55539.1/23

Out: 10.426 ± 0.071 χ^2/NDF : 79338.6/26

All: 11.681 ± 0.050 χ^2/NDF : 135502.1/50

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: -0.195 ± 0.088 χ^2/NDF : 579.6/7

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -0.899 ± 0.080 χ^2/NDF : 1062.0/6

Left: -0.580 ± 0.059 χ^2/NDF : 1676.7/14

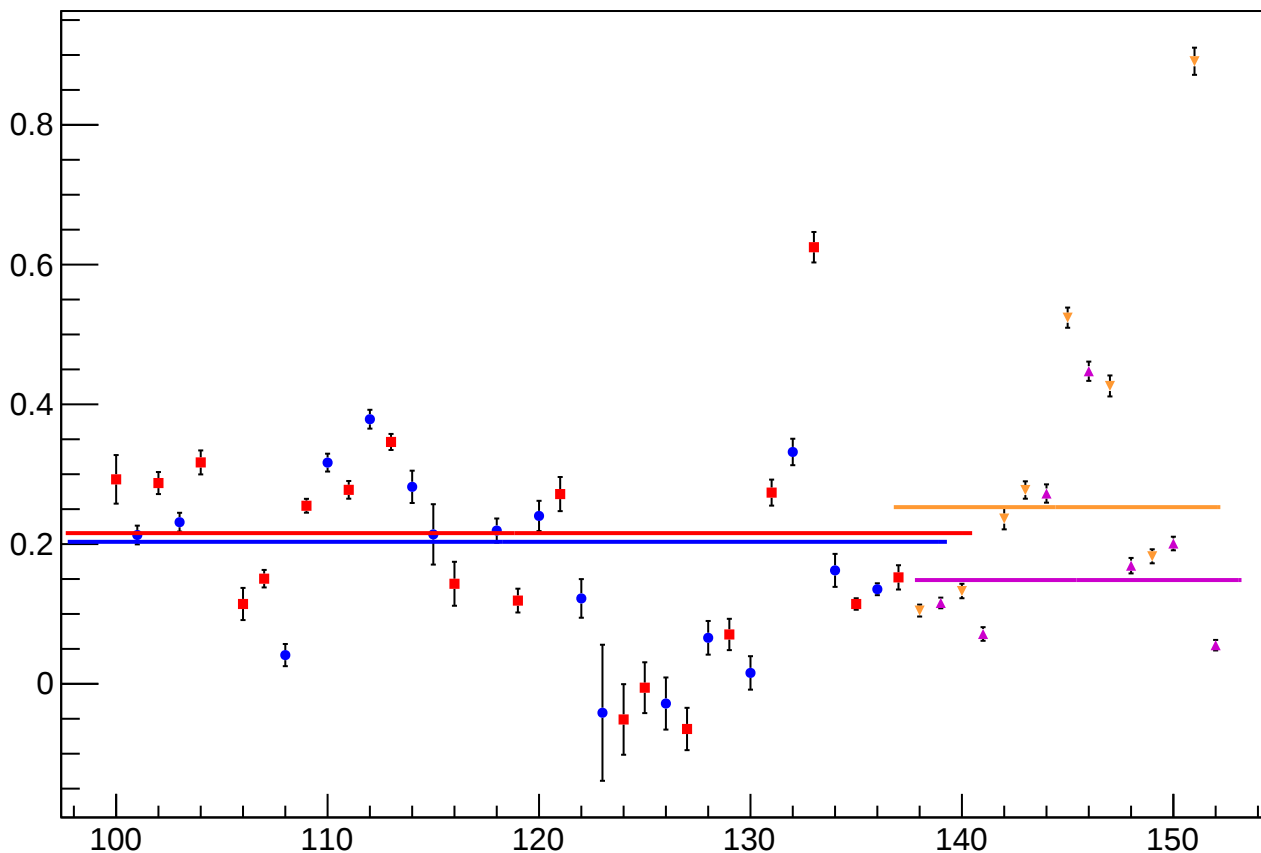
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.285 ± 0.053 χ^2/NDF : 2375.4/23

Out: -1.033 ± 0.053 χ^2/NDF : 2224.5/26

All: -1.158 ± 0.037 χ^2/NDF : 4611.4/50

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: 0.253 $\pm$ 0.004 χ^2 /NDF:2050.8/7

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.149 $\pm$ 0.004 χ^2 /NDF:825.3/6

Left: 0.193 $\pm$ 0.003 χ^2 /NDF: 3223.4/14

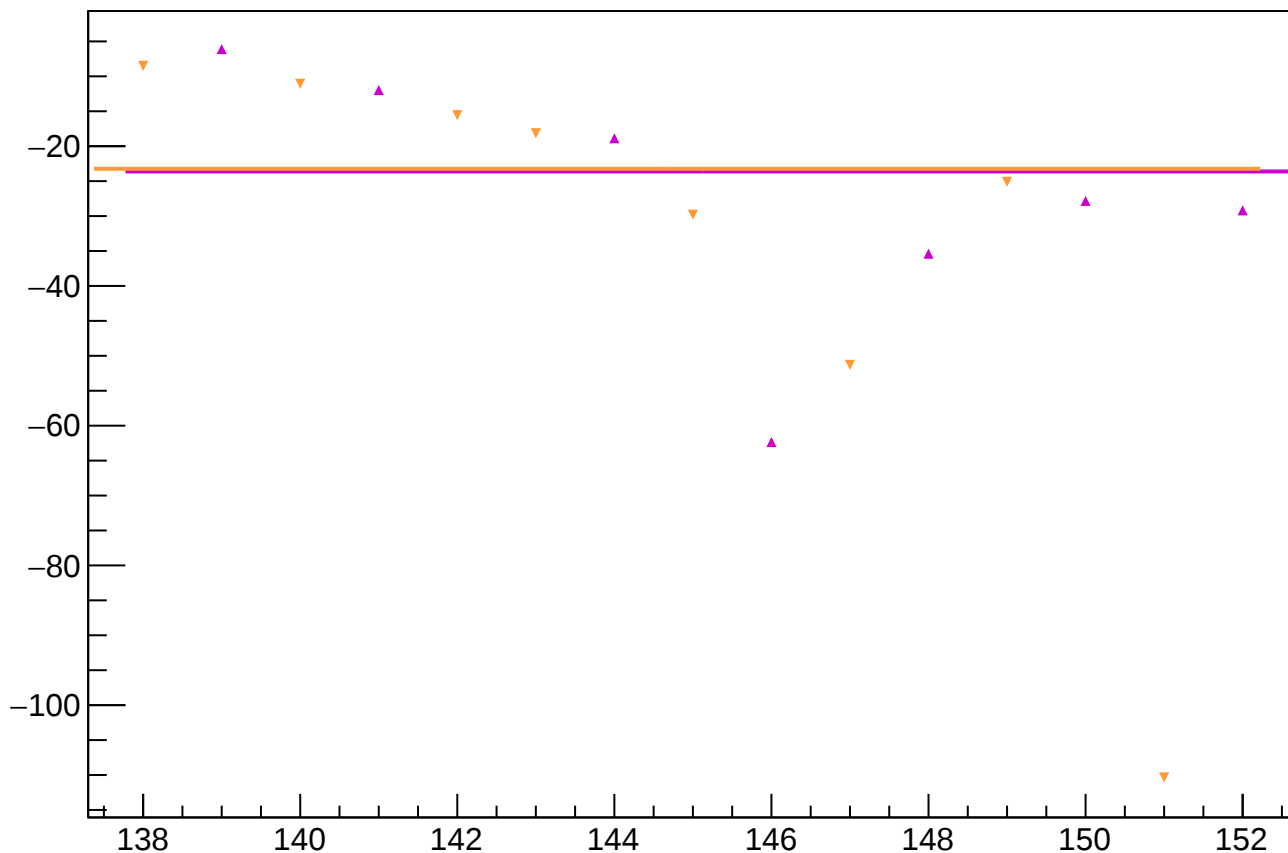
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.173 $\pm$ 0.003 χ^2 /NDF:1556.5/23

Out: 0.232 $\pm$ 0.003 χ^2 /NDF:3132.5/26

All: 0.202 $\pm$ 0.002 χ^2 /NDF: 4918.9/50

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.231+/-0.101 χ^2/NDF : 48749.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Left: -23.436+/-0.069 χ^2/NDF : 76837.3/14

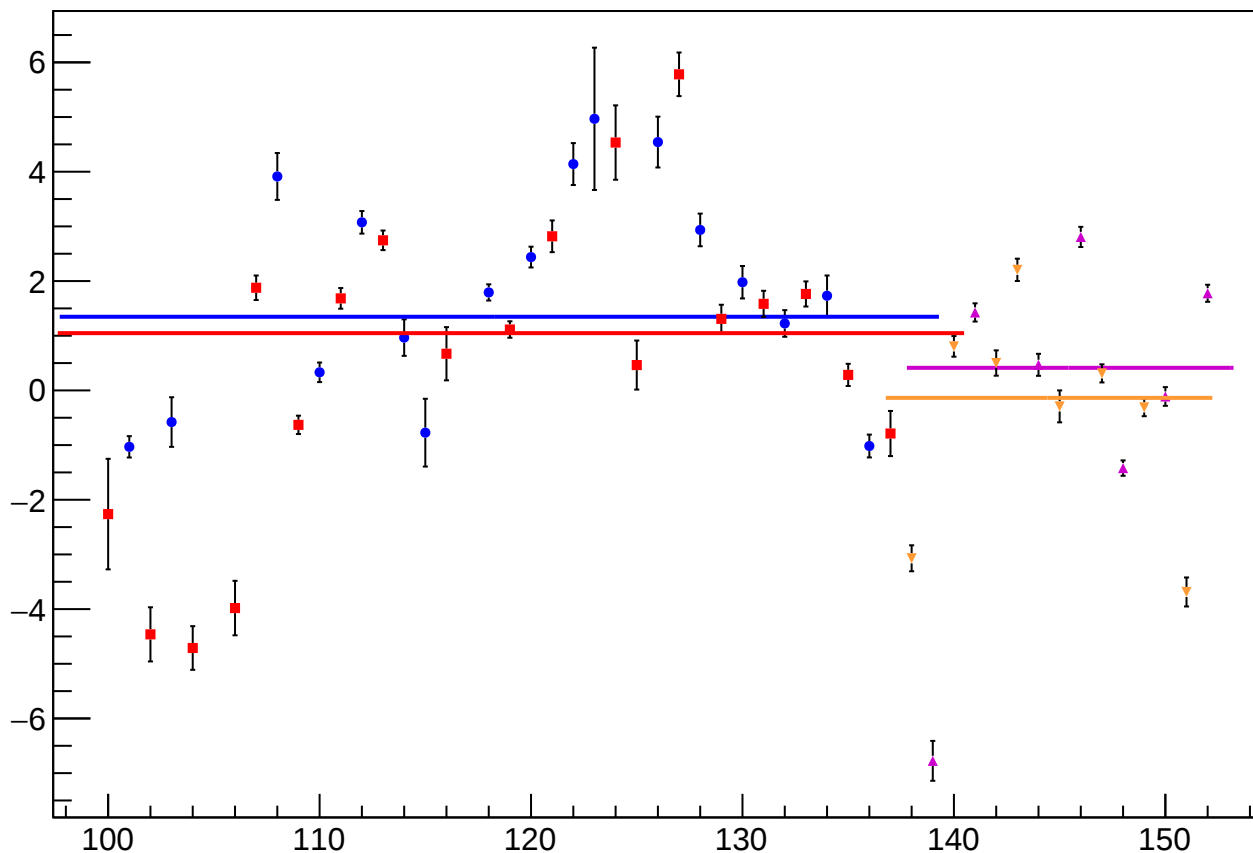
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Out: -23.231+/-0.101 χ^2/NDF : 48749.2/7

All: -23.436+/-0.069 χ^2/NDF : 76837.3/14

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: -0.136 $\pm$ 0.073 χ^2 /NDF:504.8/7

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 0.413 $\pm$ 0.067 χ^2 /NDF:849.8/6

Left: 0.161 $\pm$ 0.049 χ^2 /NDF: 1385.7/14

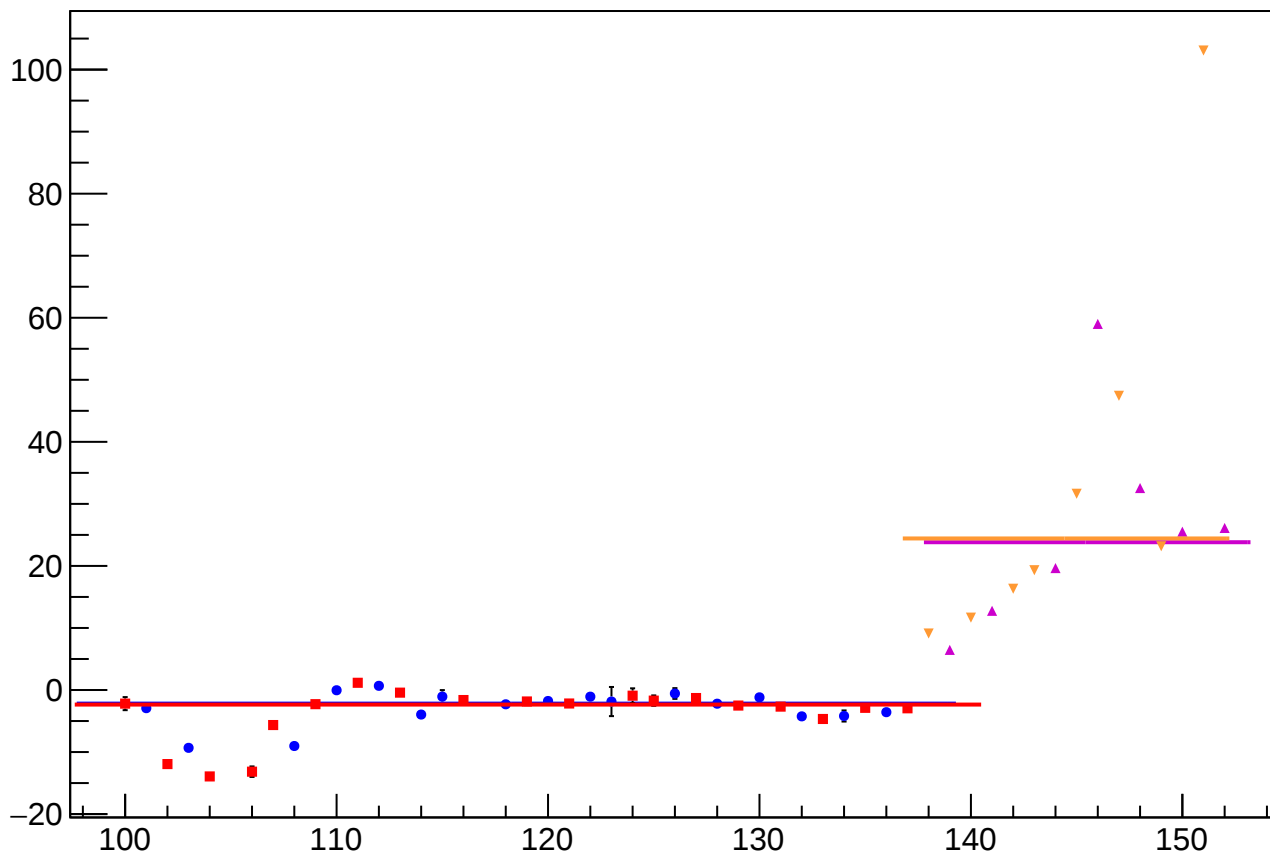
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 0.913 $\pm$ 0.046 χ^2 /NDF:1584.4/23

Out: 0.575 $\pm$ 0.046 χ^2 /NDF:1580.5/26

All: 0.745 $\pm$ 0.032 χ^2 /NDF: 3192.2/50

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 24.428 ± 0.103 χ^2/NDF : 43342.0/7

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 23.821 ± 0.094 χ^2/NDF : 23461.4/6

Left: 24.095 ± 0.070 χ^2/NDF : 66822.3/14

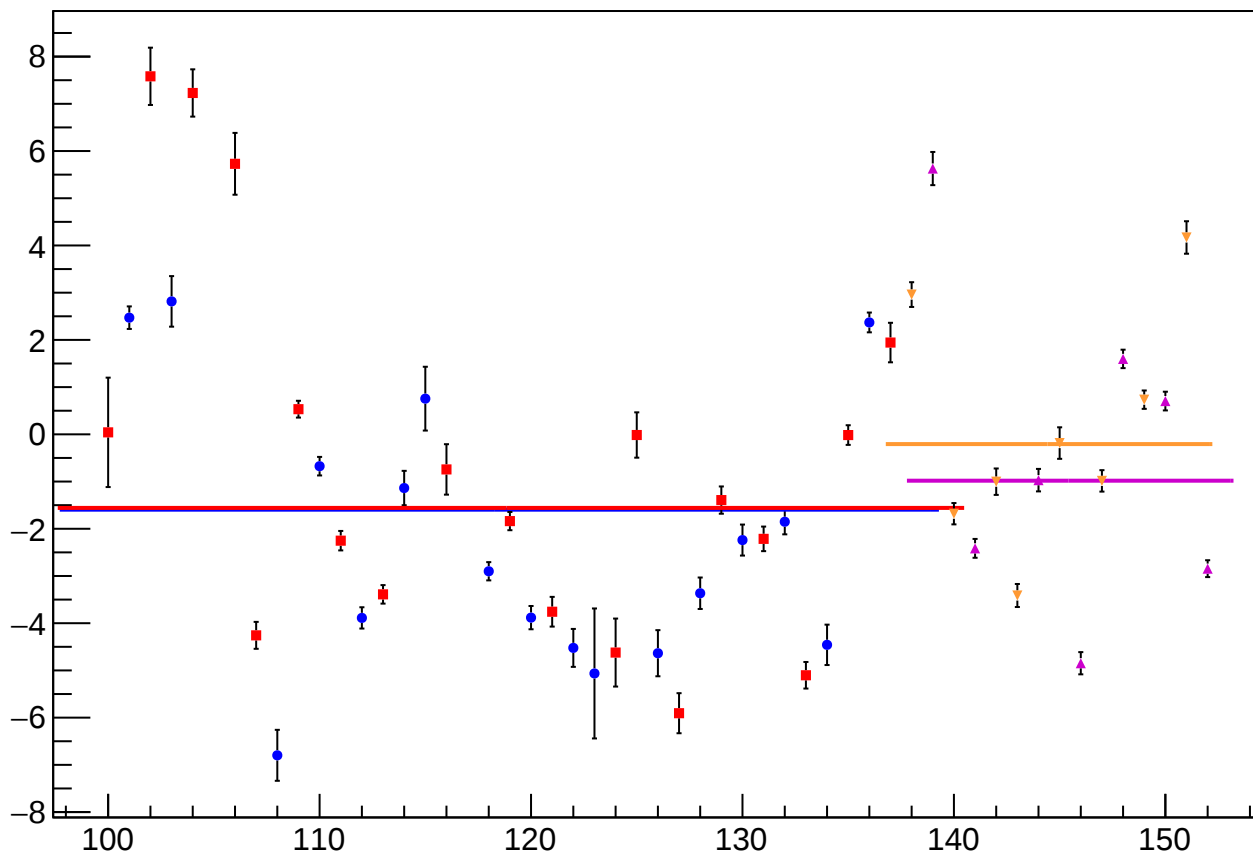
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 13.164 ± 0.072 χ^2/NDF : 55297.9/23

Out: 10.712 ± 0.072 χ^2/NDF : 78618.4/26

All: 11.938 ± 0.051 χ^2/NDF : 134493.0/50

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.206 ± 0.089 χ^2/NDF : 566.6/7

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -0.982 ± 0.081 χ^2/NDF : 1031.1/6

Left: -0.629 ± 0.060 χ^2/NDF : 1639.3/14

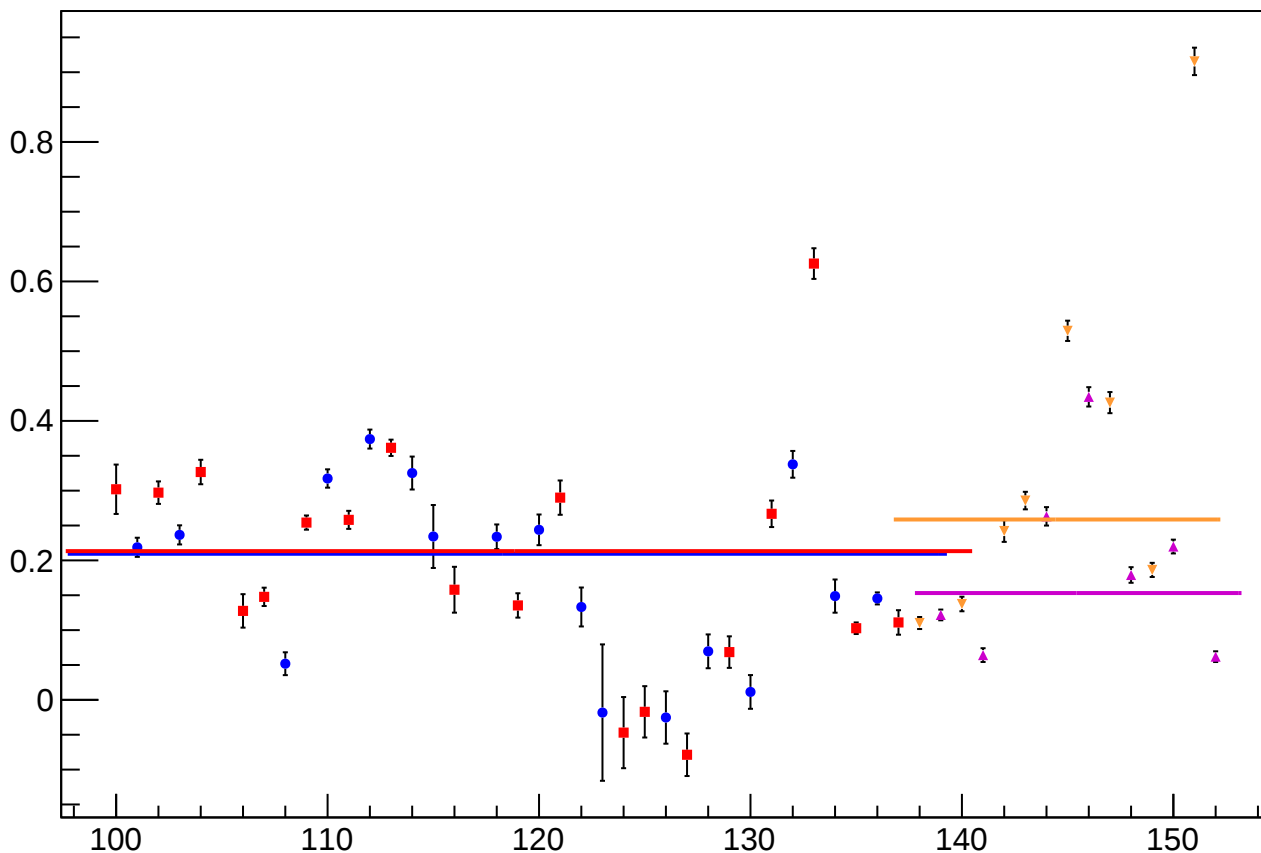
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.326 ± 0.054 χ^2/NDF : 2318.6/23

Out: -1.069 ± 0.053 χ^2/NDF : 2178.5/26

All: -1.197 ± 0.038 χ^2/NDF : 4508.6/50

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 χ^2/NDF : 597.7/16

Left Out: 0.259 ± 0.004 χ^2/NDF : 2071.8/7

Right Out: 0.213 ± 0.004 χ^2/NDF : 1103.2/18

Left In: 0.153 ± 0.004 χ^2/NDF : 769.2/6

Left: 0.198 ± 0.003 χ^2/NDF : 3188.1/14

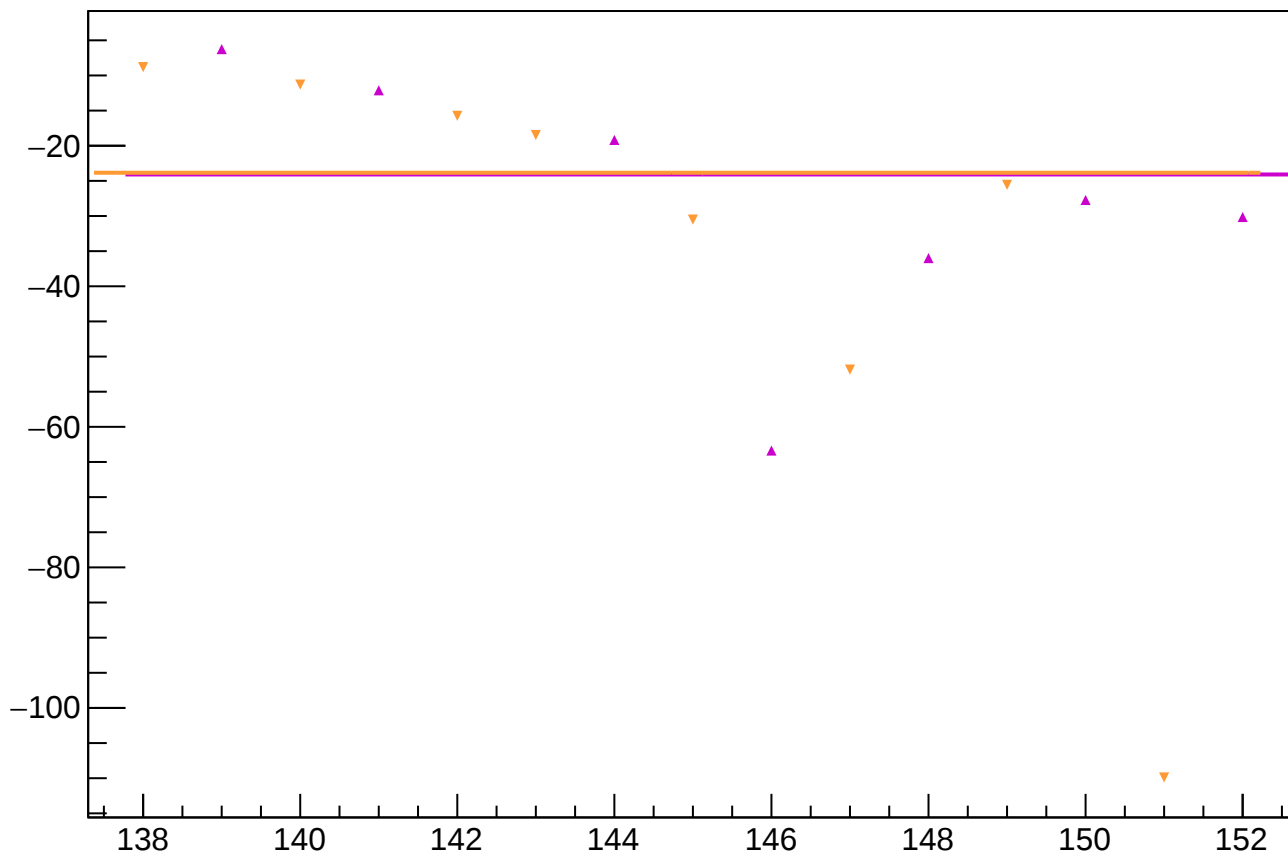
Right: 0.212 ± 0.003 χ^2/NDF : 1701.4/35

In: 0.178 ± 0.003 χ^2/NDF : 1468.1/23

Out: 0.233 ± 0.003 χ^2/NDF : 3238.5/26

All: 0.205 ± 0.002 χ^2/NDF : 4900.9/50

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.842+/-0.103 χ^2/NDF : 48063.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Left: -23.974+/-0.070 χ^2/NDF : 76079.7/14

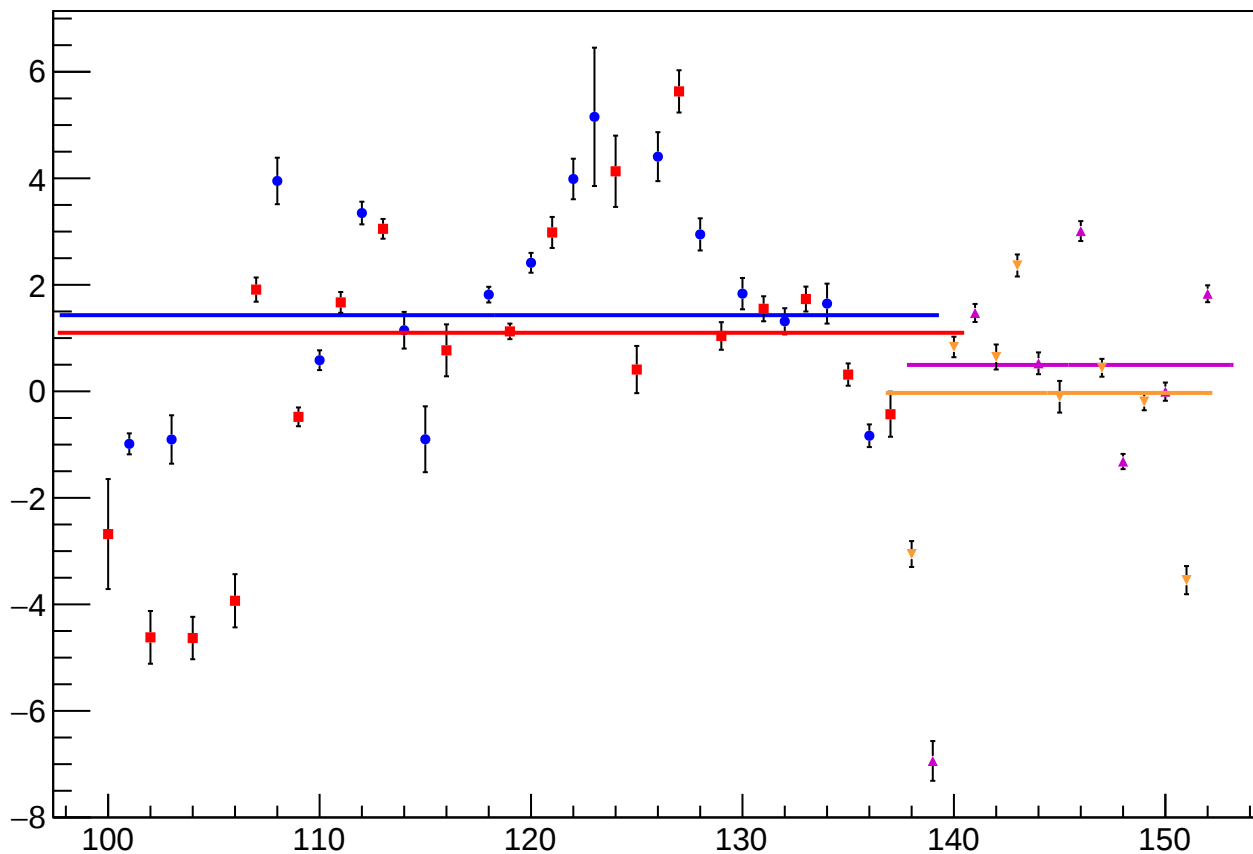
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Out: -23.842+/-0.103 χ^2/NDF : 48063.3/7

All: -23.974+/-0.070 χ^2/NDF : 76079.7/14

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: -0.029 ± 0.074 χ^2/NDF : 502.4/7

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 0.496 ± 0.068 χ^2/NDF : 850.9/6

Left: 0.255 ± 0.050 χ^2/NDF : 1380.8/14

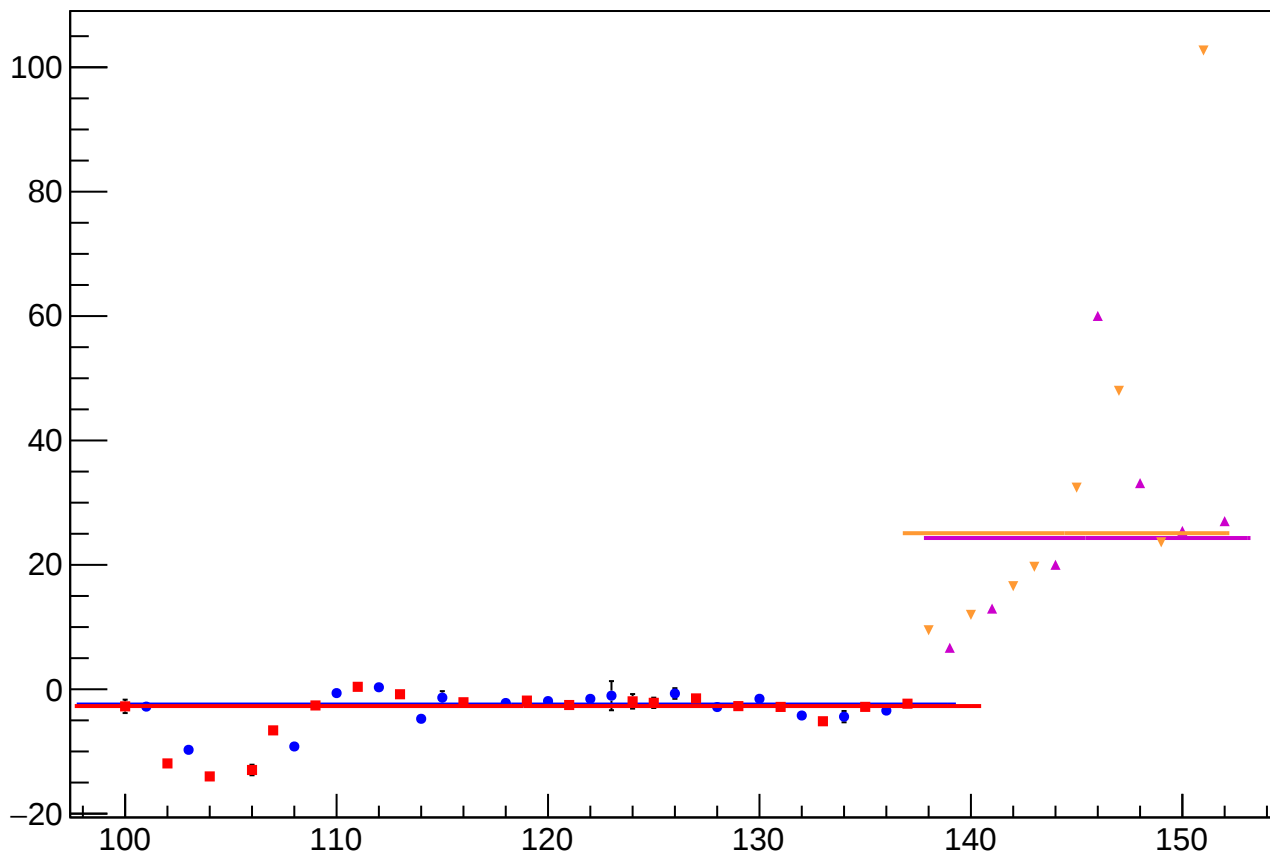
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 0.999 ± 0.046 χ^2/NDF : 1551.0/23

Out: 0.651 ± 0.047 χ^2/NDF : 1544.6/26

All: 0.827 ± 0.033 χ^2/NDF : 3123.9/50

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 25.092 ± 0.105 χ^2/NDF : 42646.6/7

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 24.316 ± 0.095 χ^2/NDF : 23383.2/6

Left: 24.666 ± 0.071 χ^2/NDF : 66059.6/14

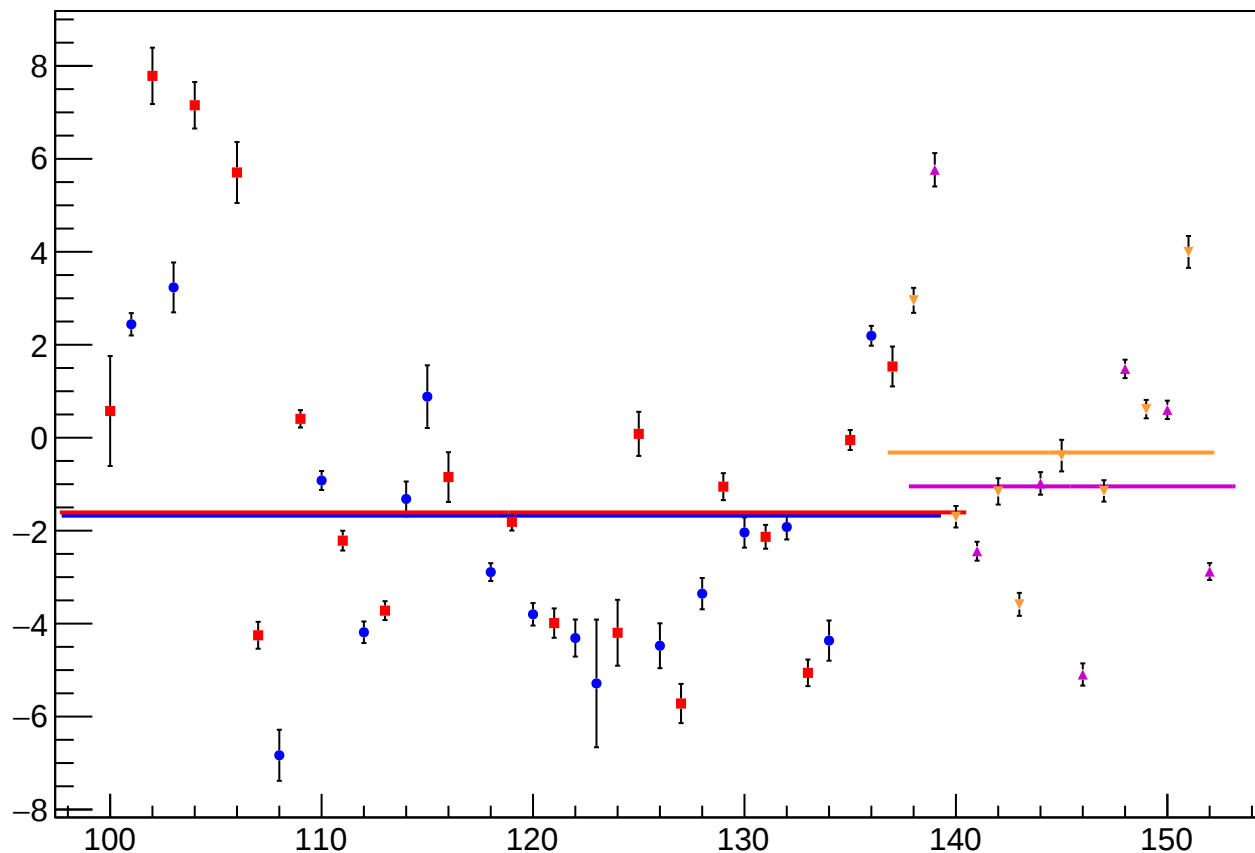
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 13.340 ± 0.073 χ^2/NDF : 56025.1/23

Out: 10.904 ± 0.074 χ^2/NDF : 79054.8/26

All: 12.127 ± 0.052 χ^2/NDF : 135628.9/50

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -0.319 ± 0.090 $\chi^2/\text{NDF}: 561.1/7$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -1.047 ± 0.082 $\chi^2/\text{NDF}: 1025.7/6$

Left: -0.716 ± 0.061 $\chi^2/\text{NDF}: 1622.4/14$

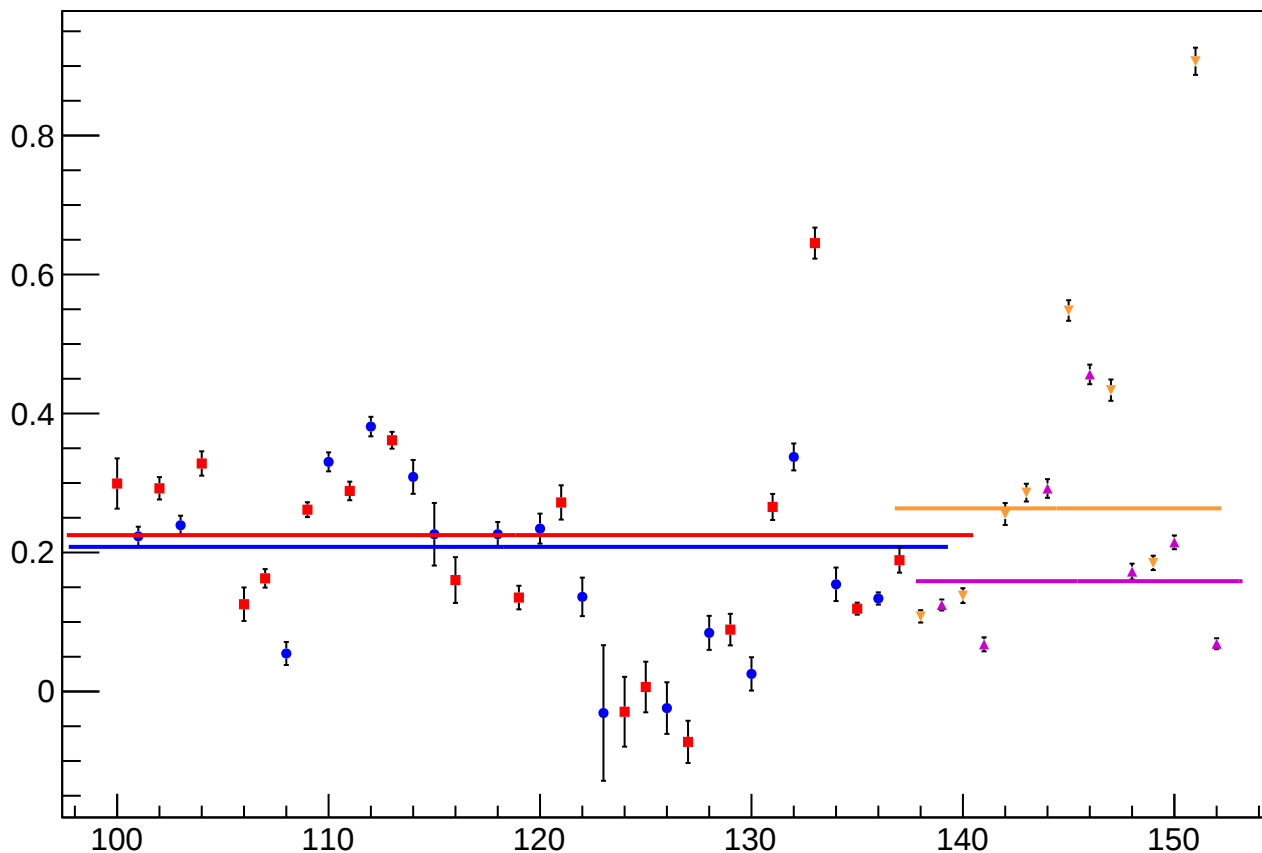
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.402 ± 0.054 $\chi^2/\text{NDF}: 2263.4/23$

Out: -1.141 ± 0.054 $\chi^2/\text{NDF}: 2122.2/26$

All: -1.271 ± 0.038 $\chi^2/\text{NDF}: 4397.2/50$

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: 0.264 ± 0.004 $\chi^2/\text{NDF}: 2078.9/7$

Right Out: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1000.0/18$

Left In: 0.159 ± 0.004 $\chi^2/\text{NDF}: 808.8/6$

Left: 0.203 ± 0.003 $\chi^2/\text{NDF}: 3218.0/14$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1609.0/35$

In: 0.180 ± 0.003 $\chi^2/\text{NDF}: 1484.3/23$

Out: 0.242 ± 0.003 $\chi^2/\text{NDF}: 3122.8/26$

All: 0.210 ± 0.002 $\chi^2/\text{NDF}: 4839.3/50$