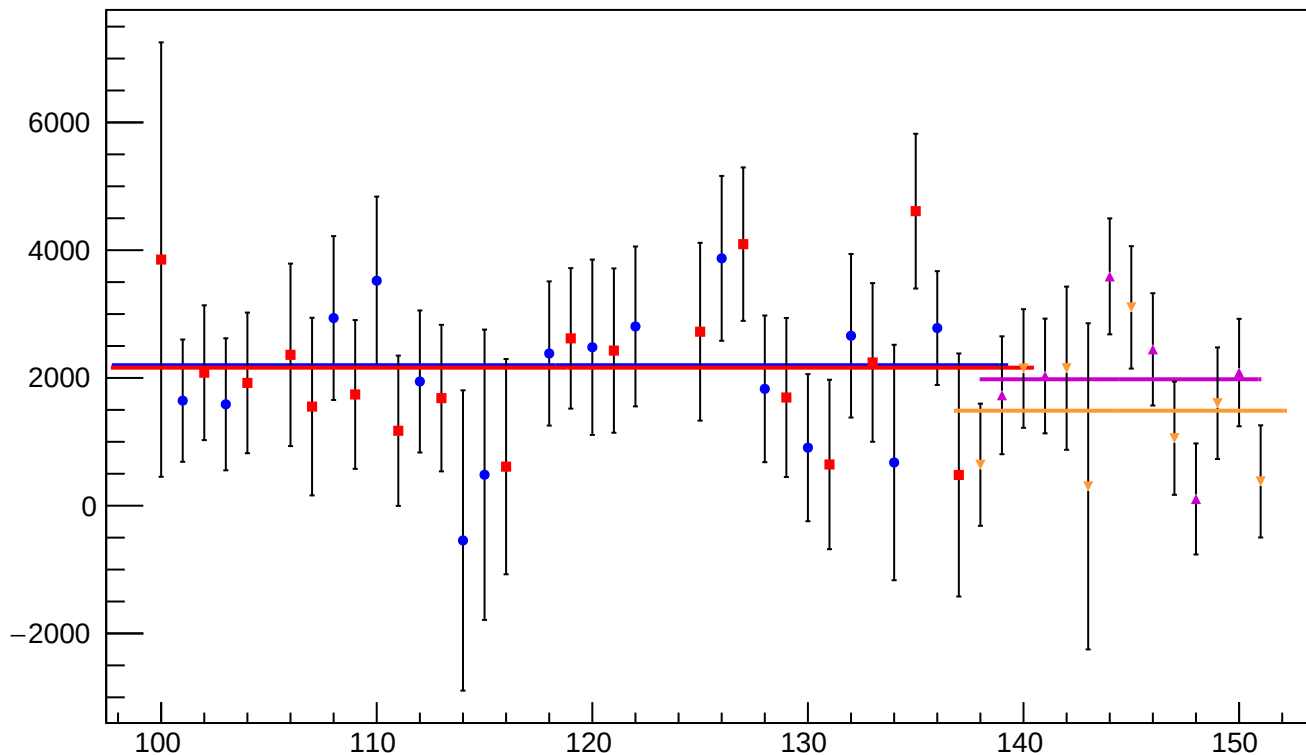


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1487.039+/-353.872

Right Out: 2160.742+/-303.587

Left In: 1979.301+/-361.303

χ^2/NDF : 8.6/15

χ^2/NDF : 6.5/7

χ^2/NDF : 11.7/17

χ^2/NDF : 8.2/5

Left: 1728.055+/-252.812

Right: 2179.612+/-215.784

In: 2106.896+/-233.846

Out: 1875.118+/-230.414

All: 1989.294+/-164.127

χ^2/NDF : 15.6/13

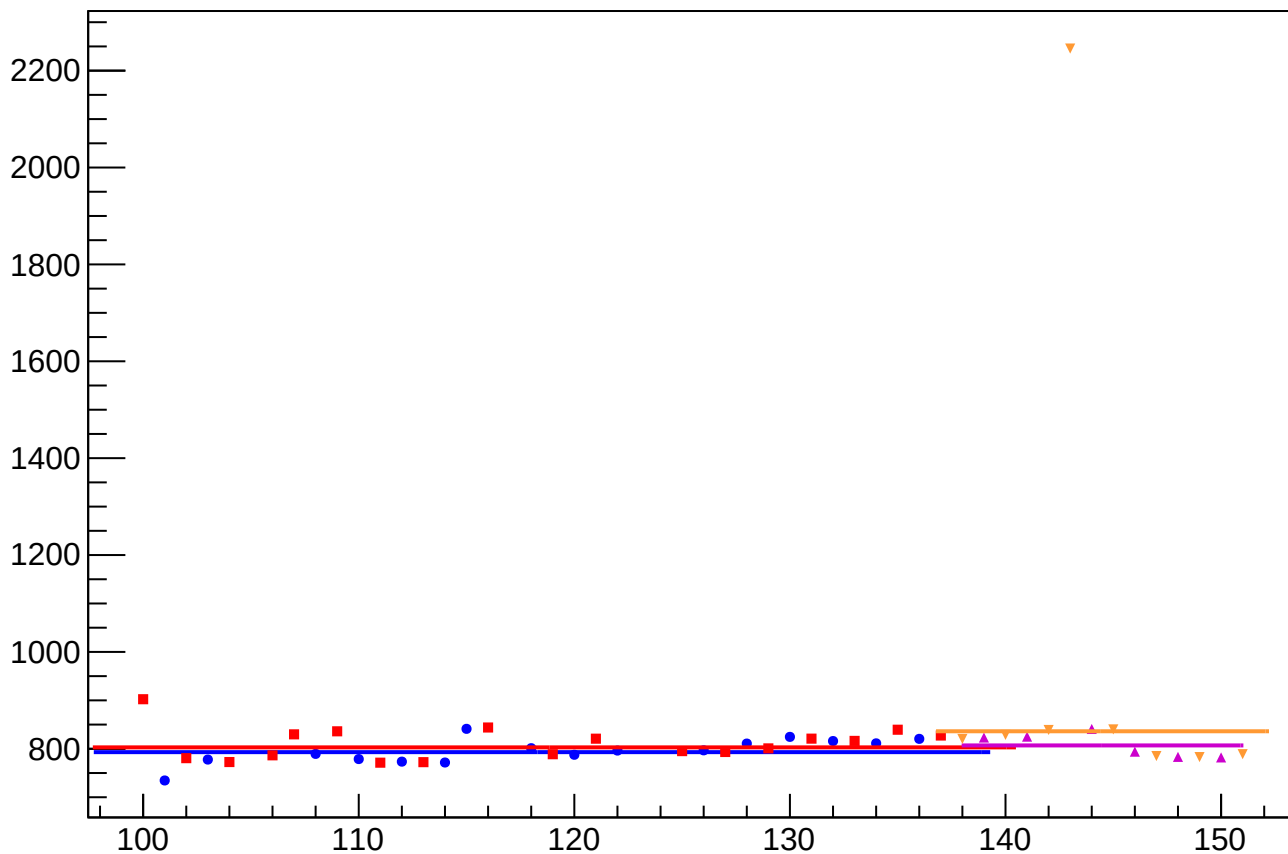
χ^2/NDF : 20.3/33

χ^2/NDF : 17.0/21

χ^2/NDF : 20.2/25

χ^2/NDF : 37.7/47

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: 806.967 ± 0.255 χ^2/NDF : 7882.9/5

Left: 821.876 ± 0.179 χ^2/NDF : 644697.9/13

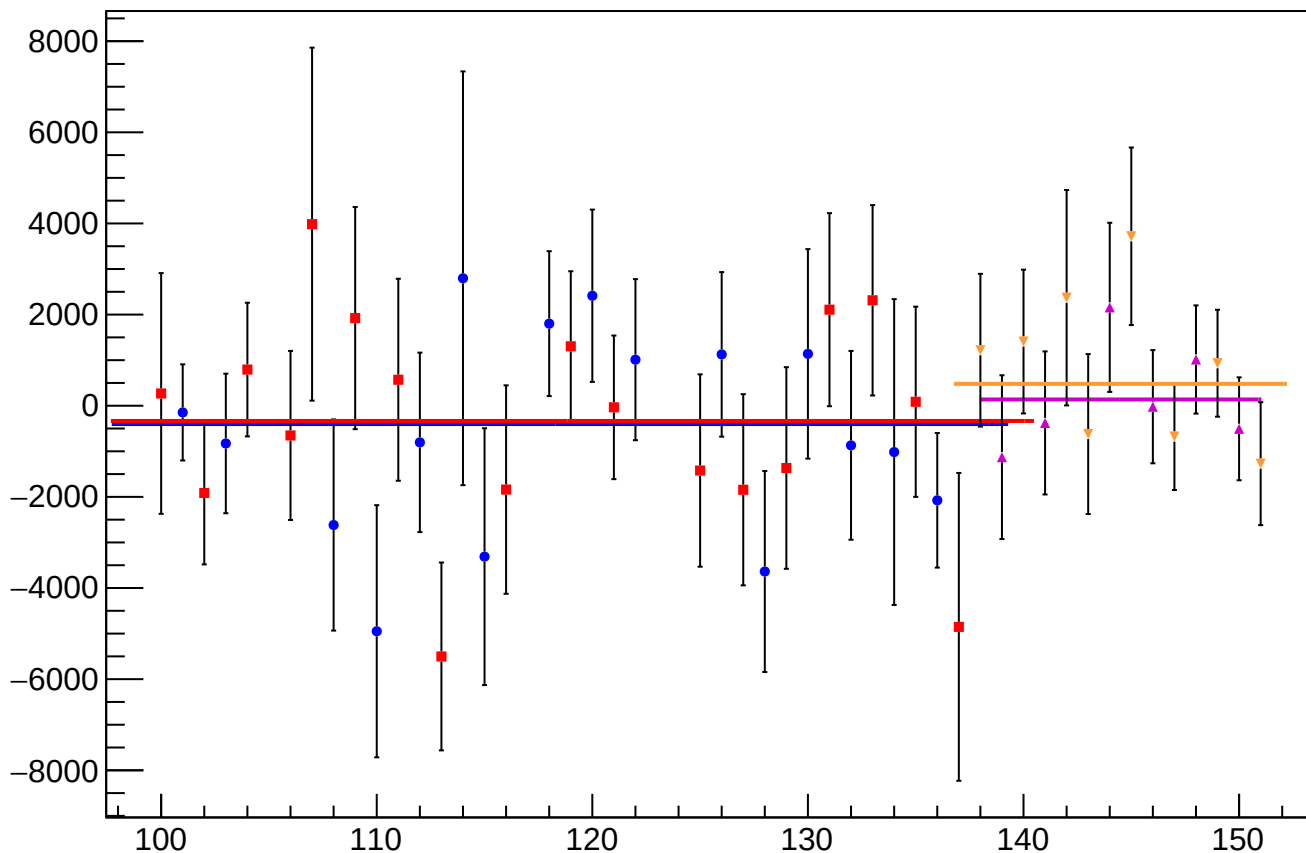
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 798.904 ± 0.165 χ^2/NDF : 24300.2/21

Out: 817.035 ± 0.163 χ^2/NDF : 654748.3/25

All: 808.104 ± 0.116 χ^2/NDF : 685149.2/47

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 χ^2/NDF : 14.8/15

Left Out: 479.699 ± 532.479 χ^2/NDF : 7.1/7

Right Out: -333.998 ± 478.476 χ^2/NDF : 17.5/17

Left In: 137.691 ± 563.615 χ^2/NDF : 2.7/5

Left: 318.402 ± 387.059 χ^2/NDF : 10.0/13

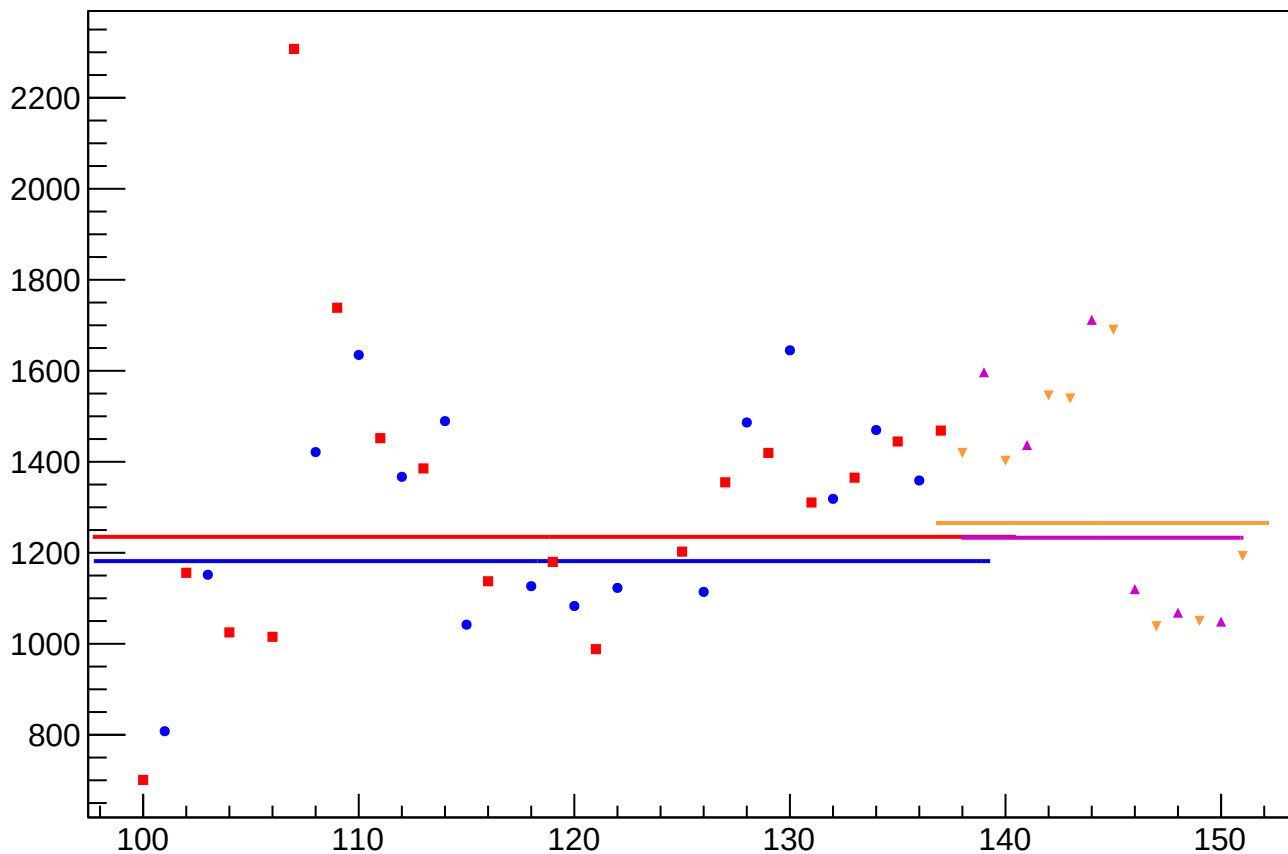
Right: -368.430 ± 334.812 χ^2/NDF : 32.3/33

In: -181.060 ± 360.359 χ^2/NDF : 18.0/21

Out: 29.508 ± 355.899 χ^2/NDF : 25.9/25

All: -74.465 ± 253.221 χ^2/NDF : 44.1/47

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1265.552+/-0.377 χ^2/NDF : 351461.7/7

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

Left In: 1233.104+/-0.399 χ^2/NDF : 357207.8/5

Left: 1250.249+/-0.274 χ^2/NDF : 712172.0/13

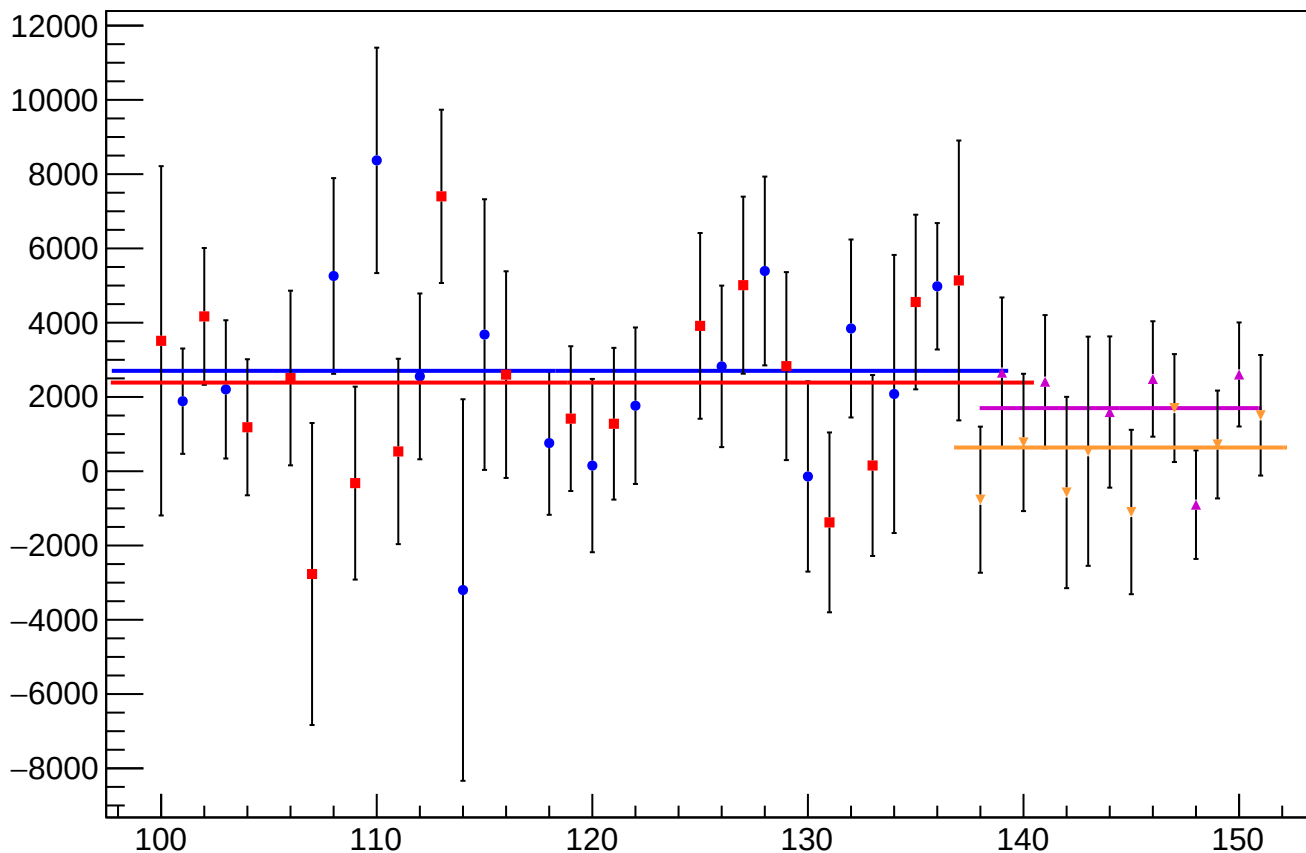
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1202.753+/-0.255 χ^2/NDF : 910511.1/21

Out: 1248.700+/-0.252 χ^2/NDF : 895334.5/25

All: 1226.013+/-0.179 χ^2/NDF : 1822305.3/47

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: 1699.684 $\pm$ 675.995 χ^2 /NDF: 4.2/5

Left: 1151.652 $\pm$ 470.002 χ^2 /NDF: 7.7/13

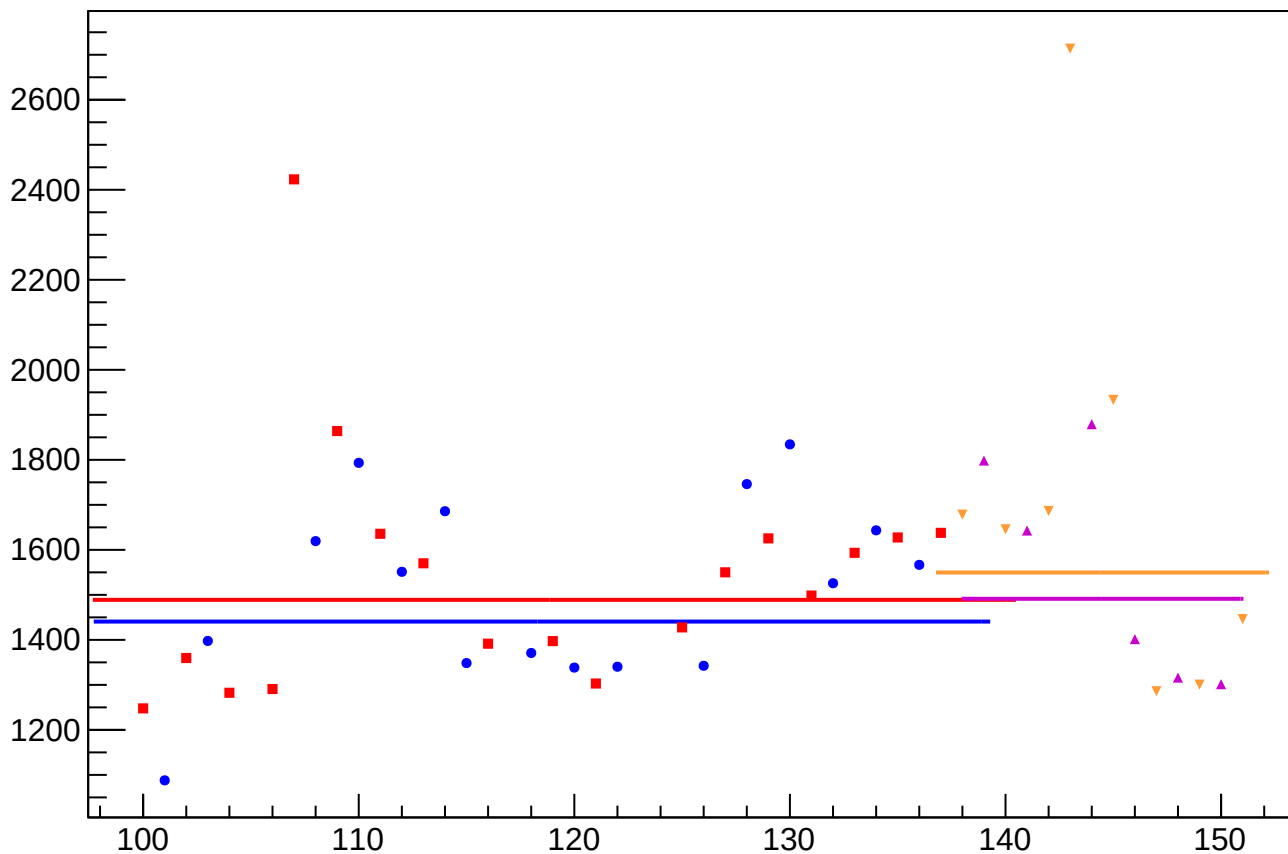
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2291.198 $\pm$ 433.294 χ^2 /NDF: 18.6/21

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

All: 1959.363 $\pm$ 304.986 χ^2 /NDF: 42.1/47

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: 1491.269 $\pm$ 0.478 χ^2/NDF : 205013.5/5

Left: 1521.446 $\pm$ 0.332 χ^2/NDF : 709764.5/13

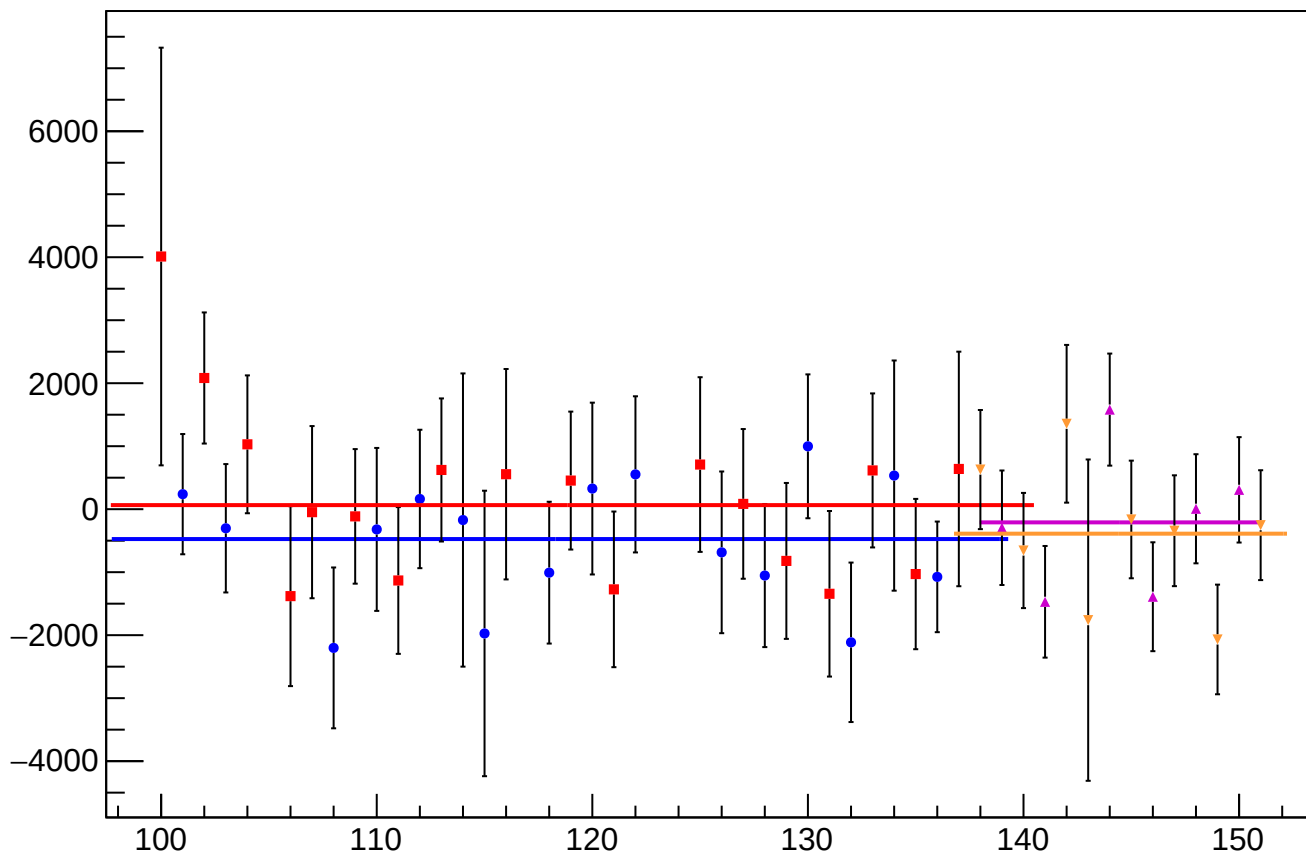
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1461.448 $\pm$ 0.306 χ^2/NDF : 493882.4/21

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

All: 1488.534 $\pm$ 0.216 χ^2/NDF : 1273066.6/47

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -388.703 $\pm$ 349.651 χ^2/NDF : 7.3/7

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

Left In: -209.404 $\pm$ 356.943 χ^2/NDF : 8.4/5

Left: -300.904 $\pm$ 249.779 χ^2/NDF : 15.8/13

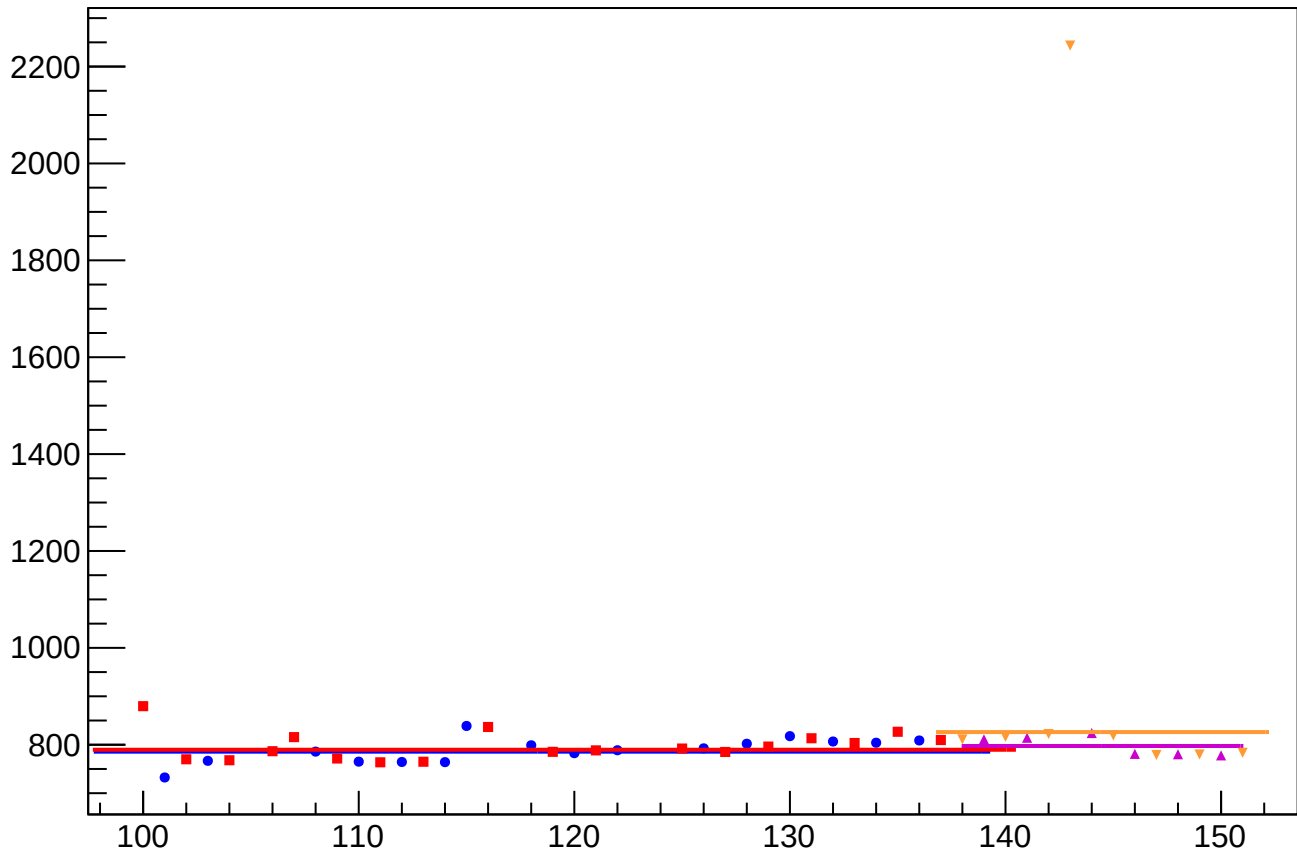
Right: -199.789 $\pm$ 212.921 χ^2/NDF : 23.2/33

In: -362.877 $\pm$ 231.400 χ^2/NDF : 17.6/21

Out: -126.372 $\pm$ 226.977 χ^2/NDF : 21.0/25

All: -242.343 $\pm$ 162.038 χ^2/NDF : 39.1/47

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746+/-0.215 χ^2/NDF : 13921.5/15

Left Out: 826.180+/-0.247 χ^2/NDF : 634624.7/7

Right Out: 789.675+/-0.211 χ^2/NDF : 11010.0/17

Left In: 797.429+/-0.252 χ^2/NDF : 5563.8/5

Left: 812.101+/-0.177 χ^2/NDF : 646810.2/13

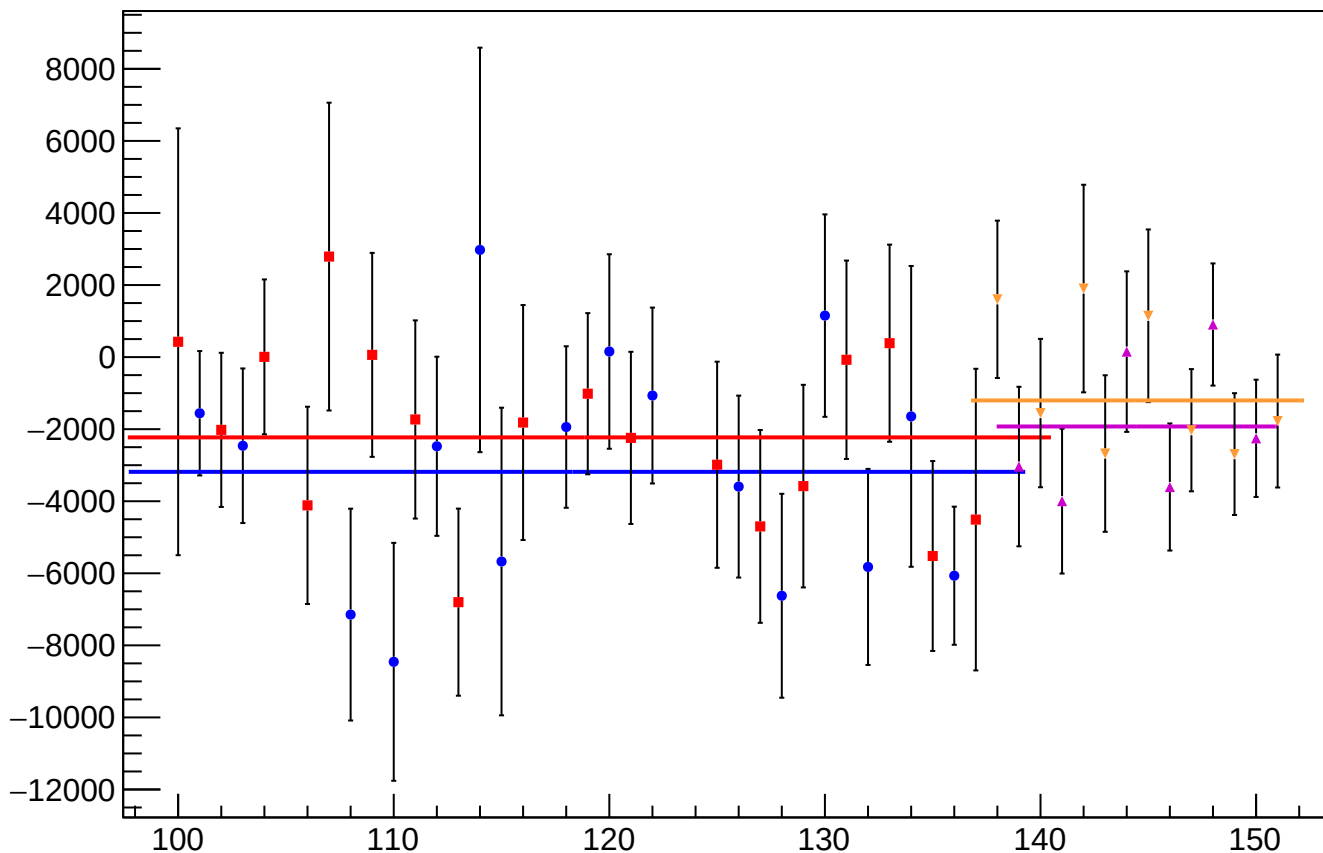
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 790.656+/-0.164 χ^2/NDF : 20727.6/21

Out: 805.058+/-0.160 χ^2/NDF : 658248.4/25

All: 797.996+/-0.115 χ^2/NDF : 682924.5/47

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -1202.645 $\pm$ 717.260 χ^2/NDF : 5.4/7

Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17

Left In: -1925.713 $\pm$ 766.888 χ^2/NDF : 5.9/5

Left: -1540.028 $\pm$ 523.846 χ^2/NDF : 11.8/13

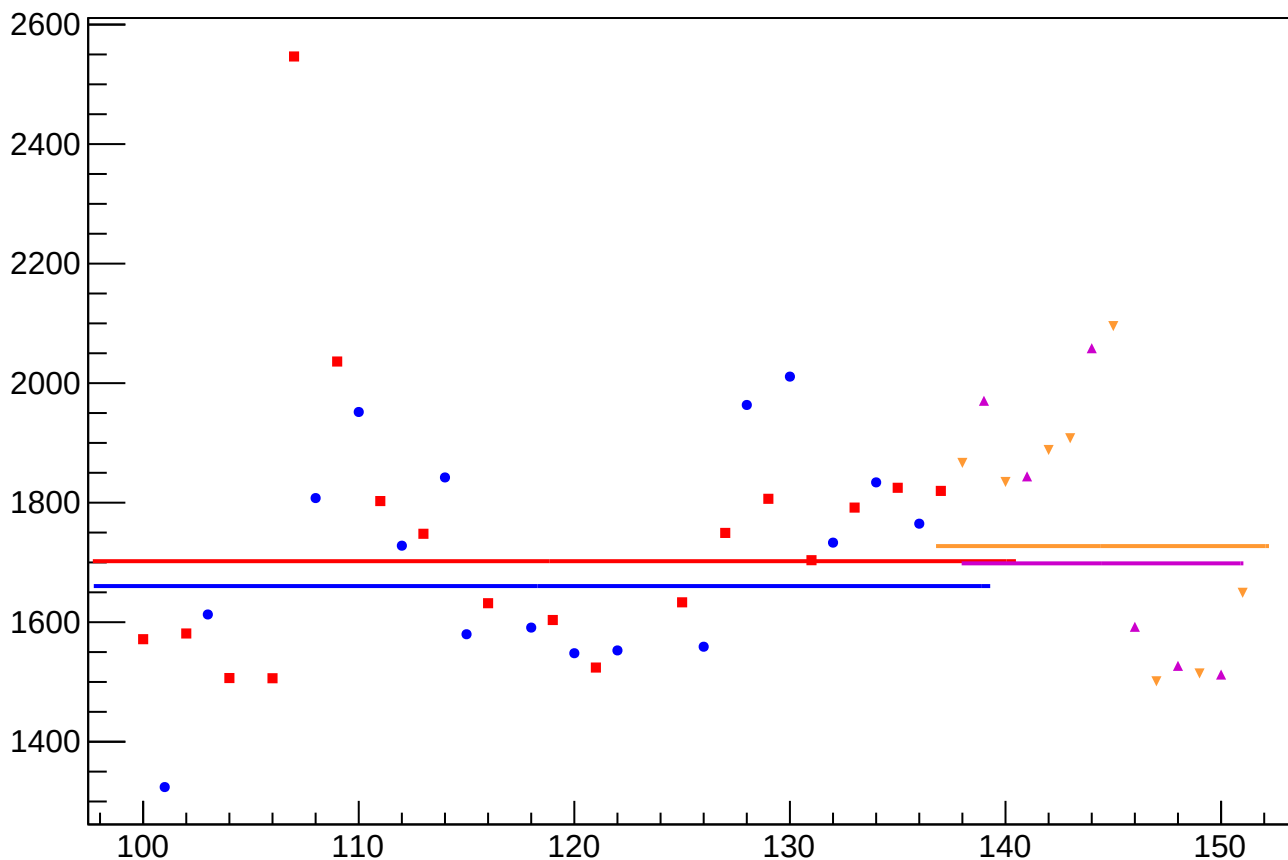
Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33

In: -2660.752 $\pm$ 494.677 χ^2/NDF : 24.3/21

Out: -1767.223 $\pm$ 480.850 χ^2/NDF : 18.3/25

All: -2201.325 $\pm$ 344.797 χ^2/NDF : 44.3/47

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1727.363+/-0.507 χ^2/NDF : 151757.0/7

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

Left In: 1698.460+/-0.542 χ^2/NDF : 146778.1/5

Left: 1713.877+/-0.370 χ^2/NDF : 300050.4/13

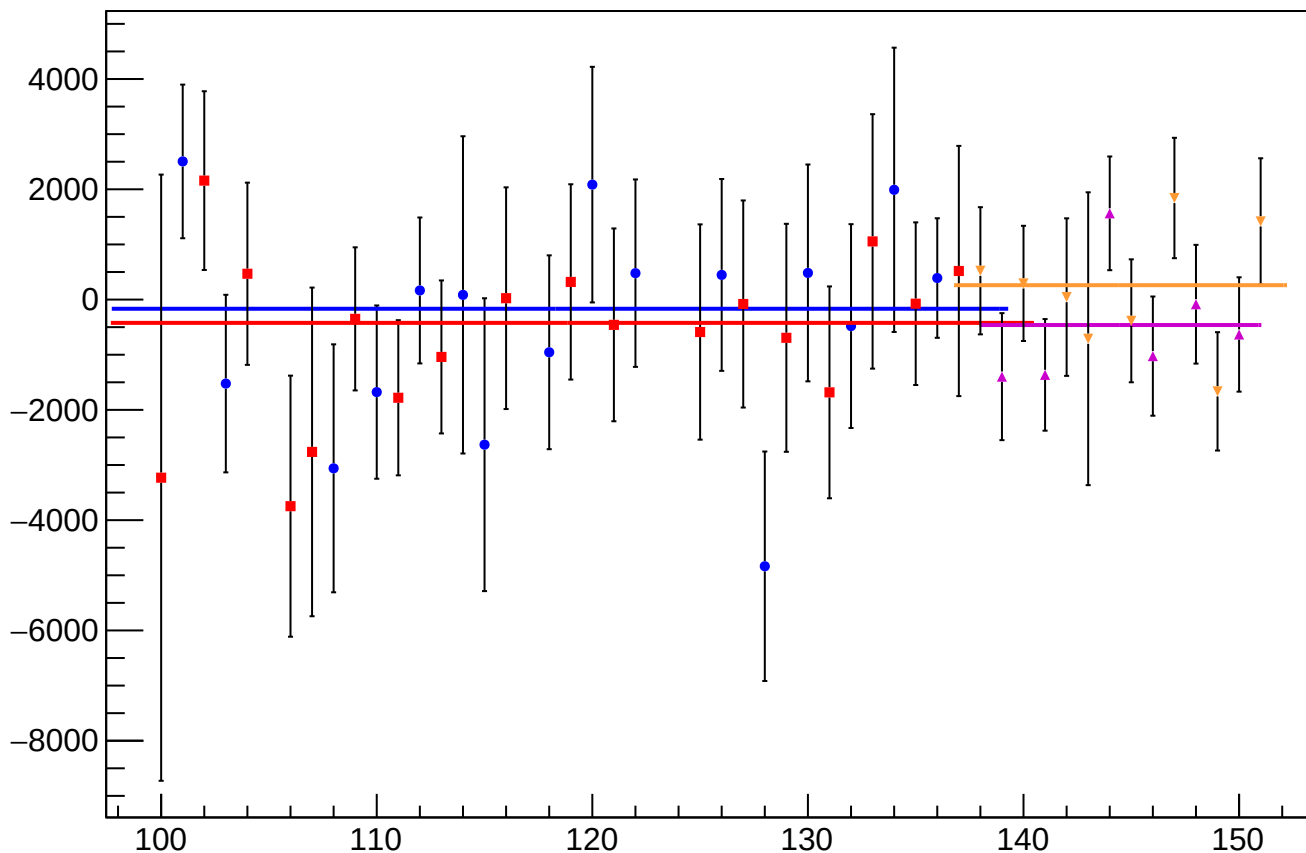
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1676.272+/-0.350 χ^2/NDF : 328851.3/21

Out: 1713.453+/-0.340 χ^2/NDF : 325131.6/25

All: 1695.390+/-0.244 χ^2/NDF : 659792.3/47

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: -461.315 ± 433.555 $\chi^2/\text{NDF}: 5.7/5$

Left: -91.549 ± 302.954 $\chi^2/\text{NDF}: 14.0/13$

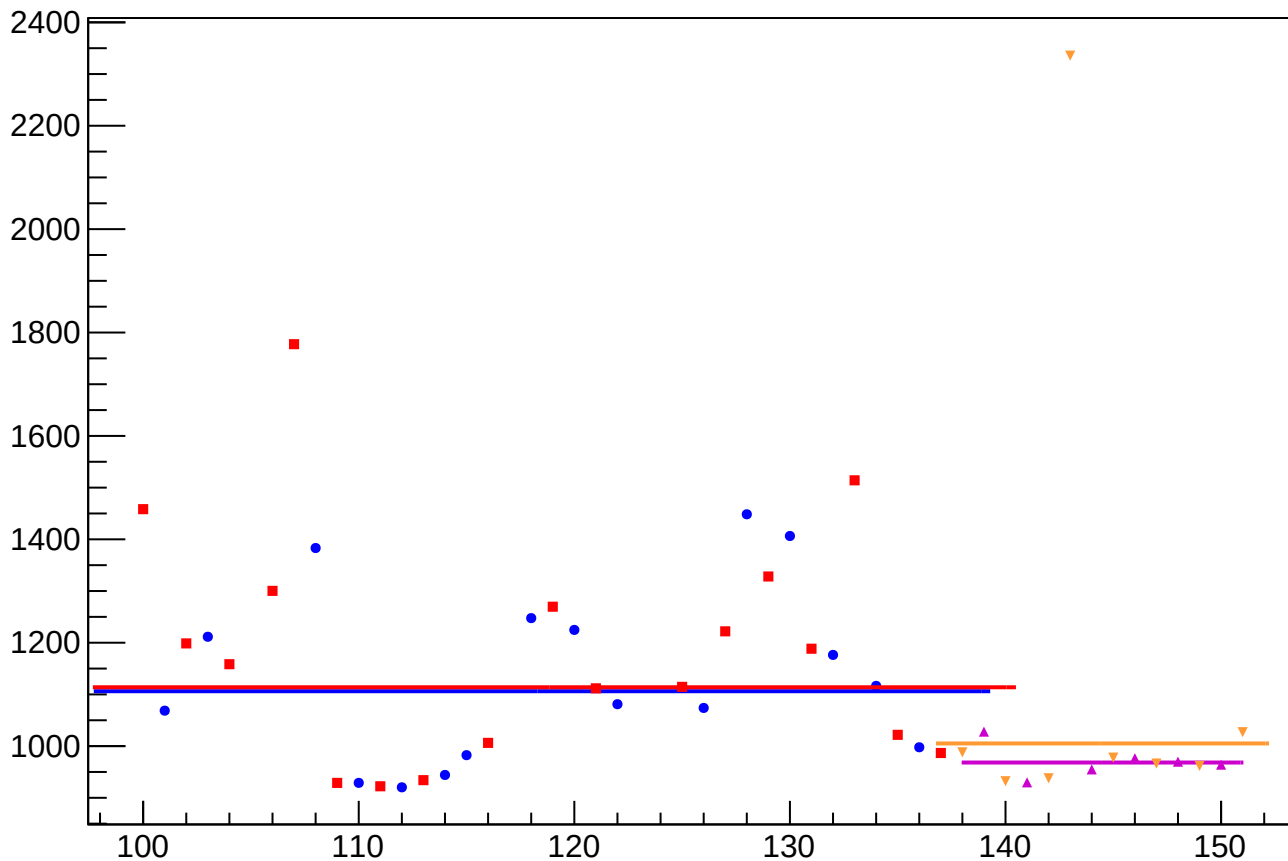
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -313.539 ± 306.260 $\chi^2/\text{NDF}: 21.6/21$

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

All: -193.386 ± 214.603 $\chi^2/\text{NDF}: 38.2/47$

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: 968.244+/-0.307 χ^2/NDF : 8738.2/5

Left: 987.133+/-0.214 χ^2/NDF : 540664.0/13

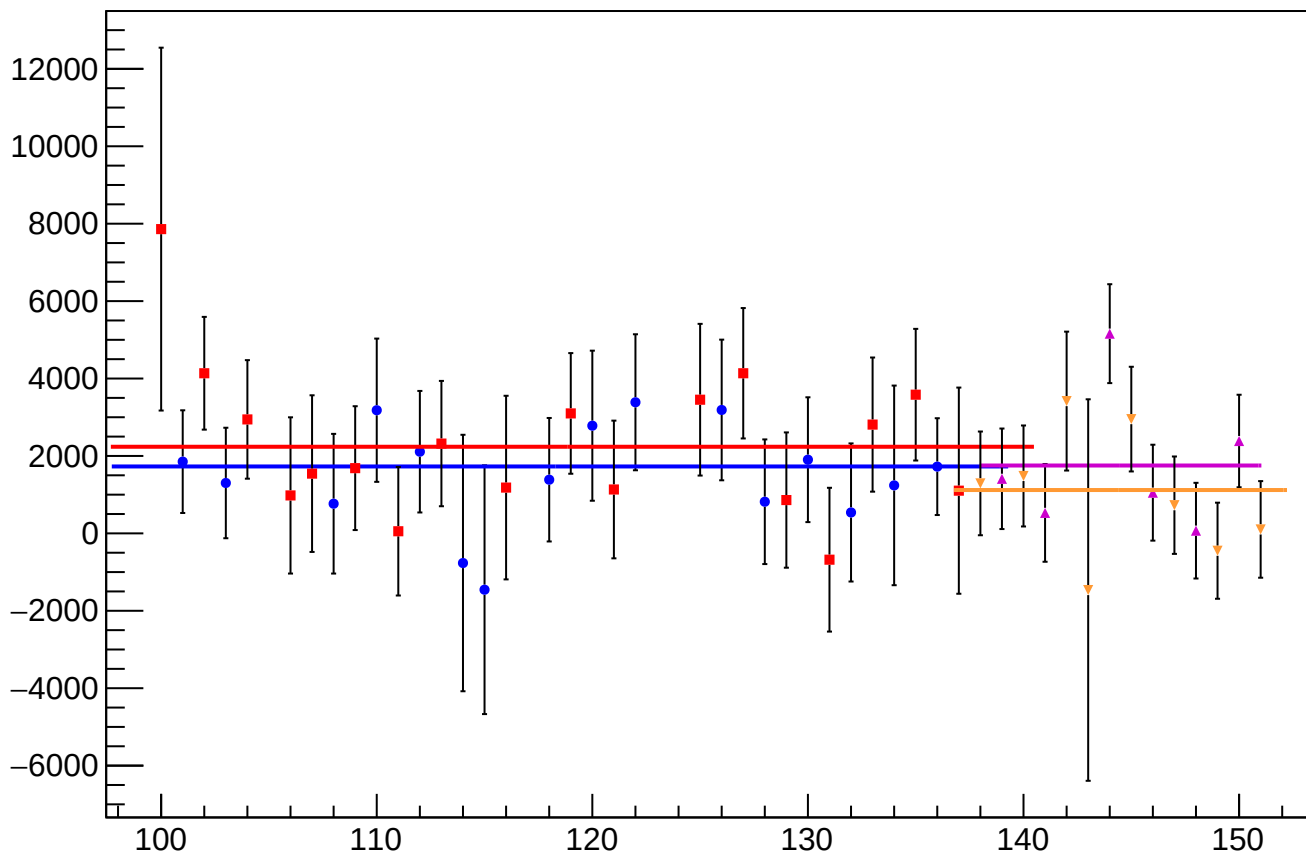
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1037.341+/-0.217 χ^2/NDF : 370049.0/21

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

All: 1048.365+/-0.152 χ^2/NDF : 1329187.8/47

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1119.585 $\pm$ 502.082 χ^2 /NDF: 6.2/7

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

Left In: 1753.118 $\pm$ 510.334 χ^2 /NDF: 10.6/5

Left: 1431.188 $\pm$ 357.907 χ^2 /NDF: 17.6/13

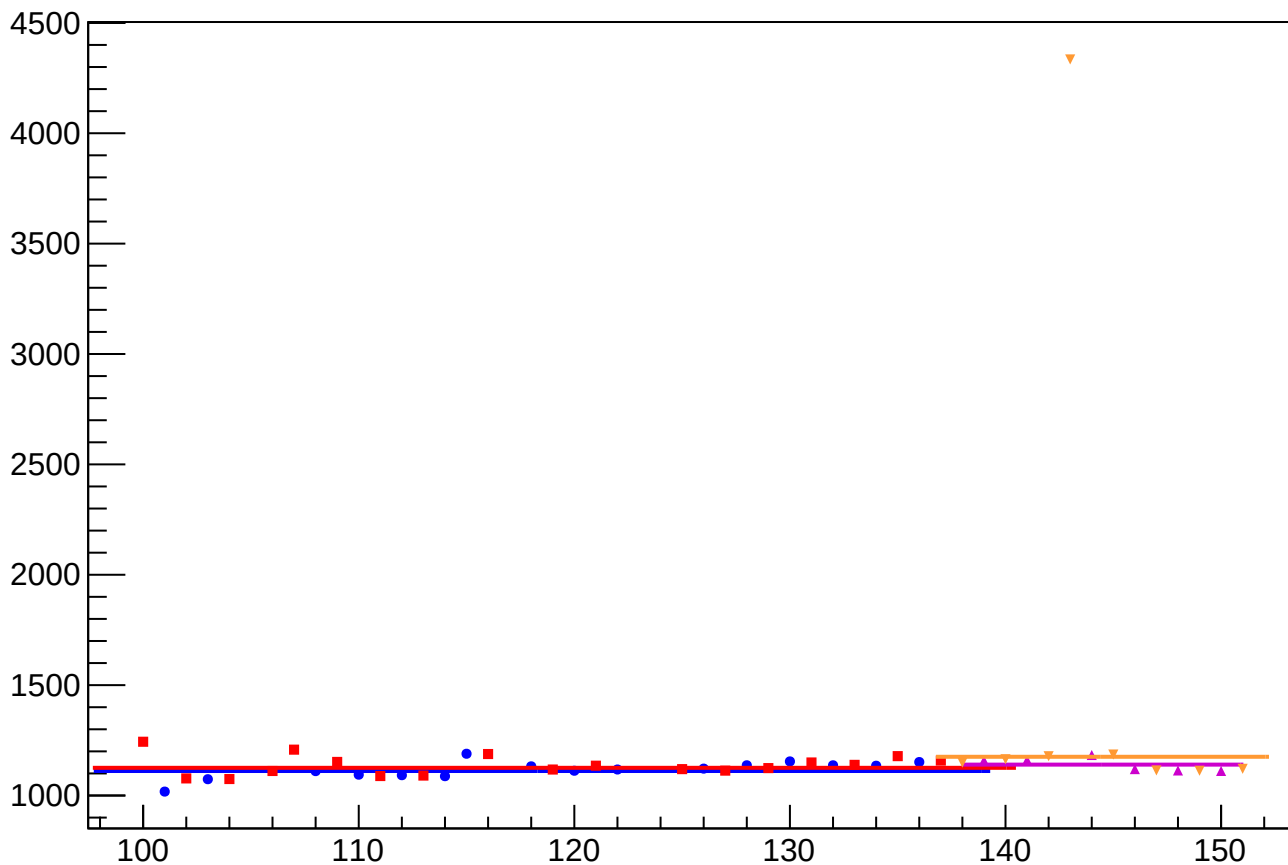
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1738.694 $\pm$ 328.746 χ^2 /NDF: 15.9/21

Out: 1770.374 $\pm$ 324.591 χ^2 /NDF: 21.3/25

All: 1754.736 $\pm$ 230.976 χ^2 /NDF: 37.2/47

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: 1139.962 $\pm$ 0.361 χ^2 /NDF: 5866.9/5

Left: 1158.008 $\pm$ 0.253 χ^2 /NDF: 847520.8/13

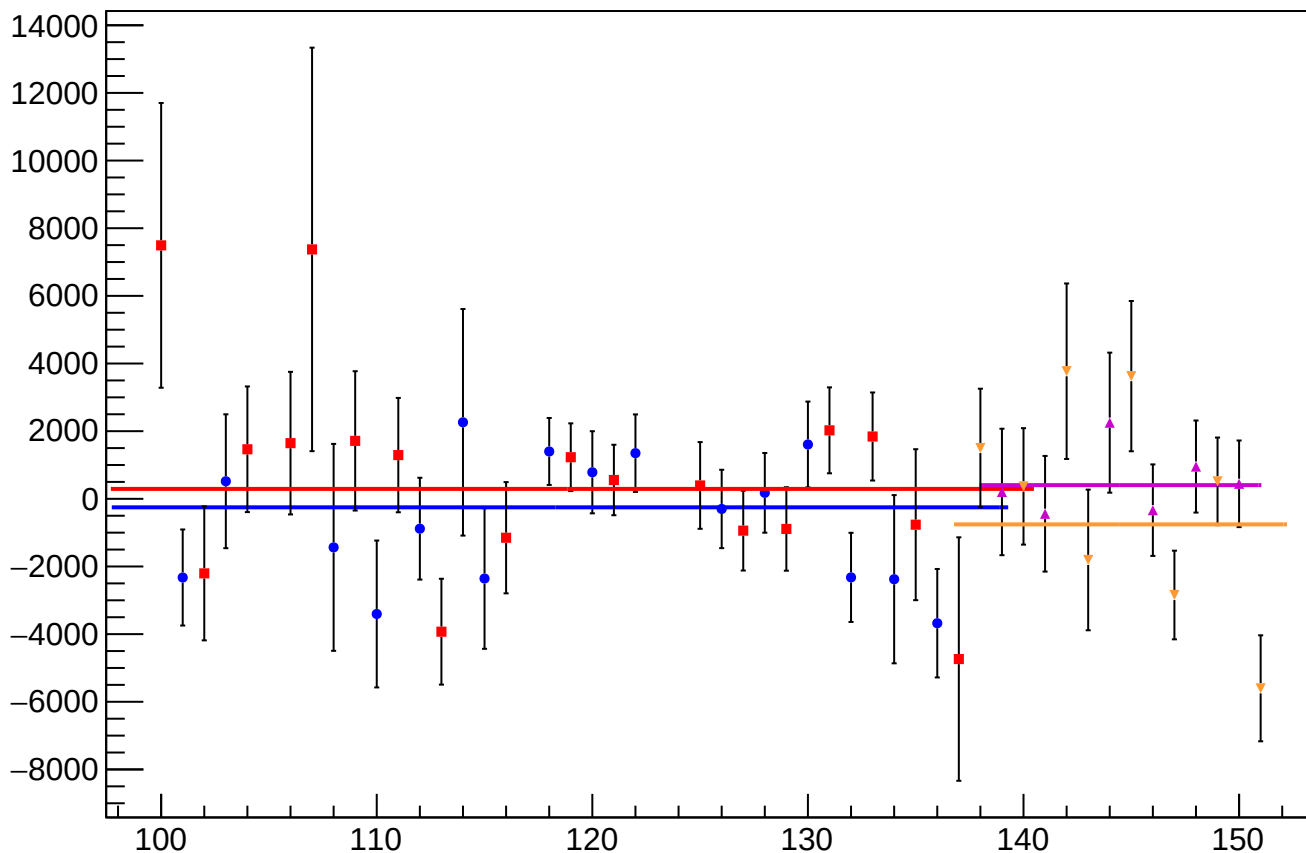
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1123.043 $\pm$ 0.232 χ^2 /NDF: 27715.4/21

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

All: 1134.862 $\pm$ 0.163 χ^2 /NDF: 896969.6/47

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: 404.829+/-625.168 χ^2/NDF :1.5/5

Left: -204.726+/-430.731 χ^2/NDF : 25.7/13

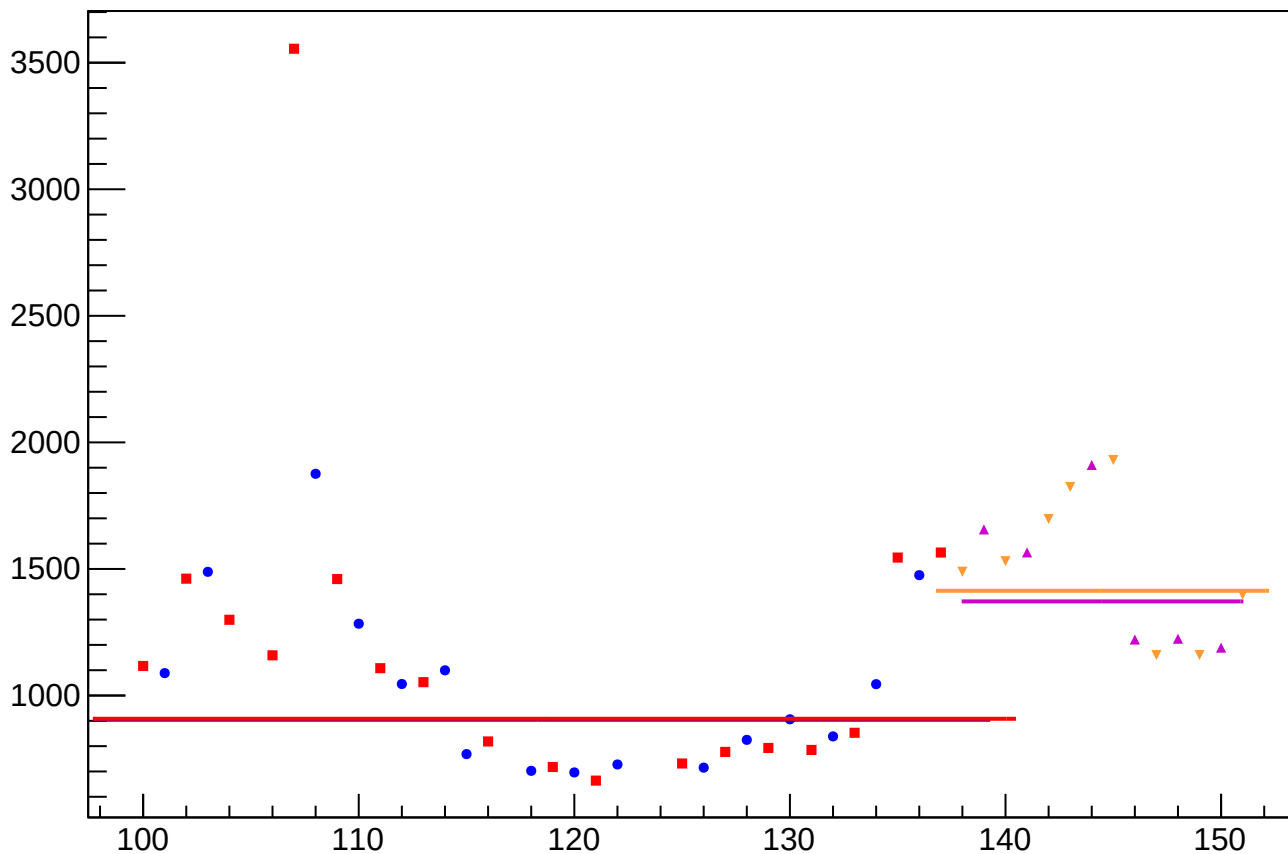
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -84.554+/-315.178 χ^2/NDF :24.2/21

Out: 9.155+/-309.466 χ^2/NDF :48.6/25

All: -36.843+/-220.817 χ^2/NDF : 72.8/47

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: 1371.832 $\pm$ 0.442 χ^2 /NDF: 296445.4/5

Left: 1393.860 $\pm$ 0.305 χ^2 /NDF: 676137.2/13

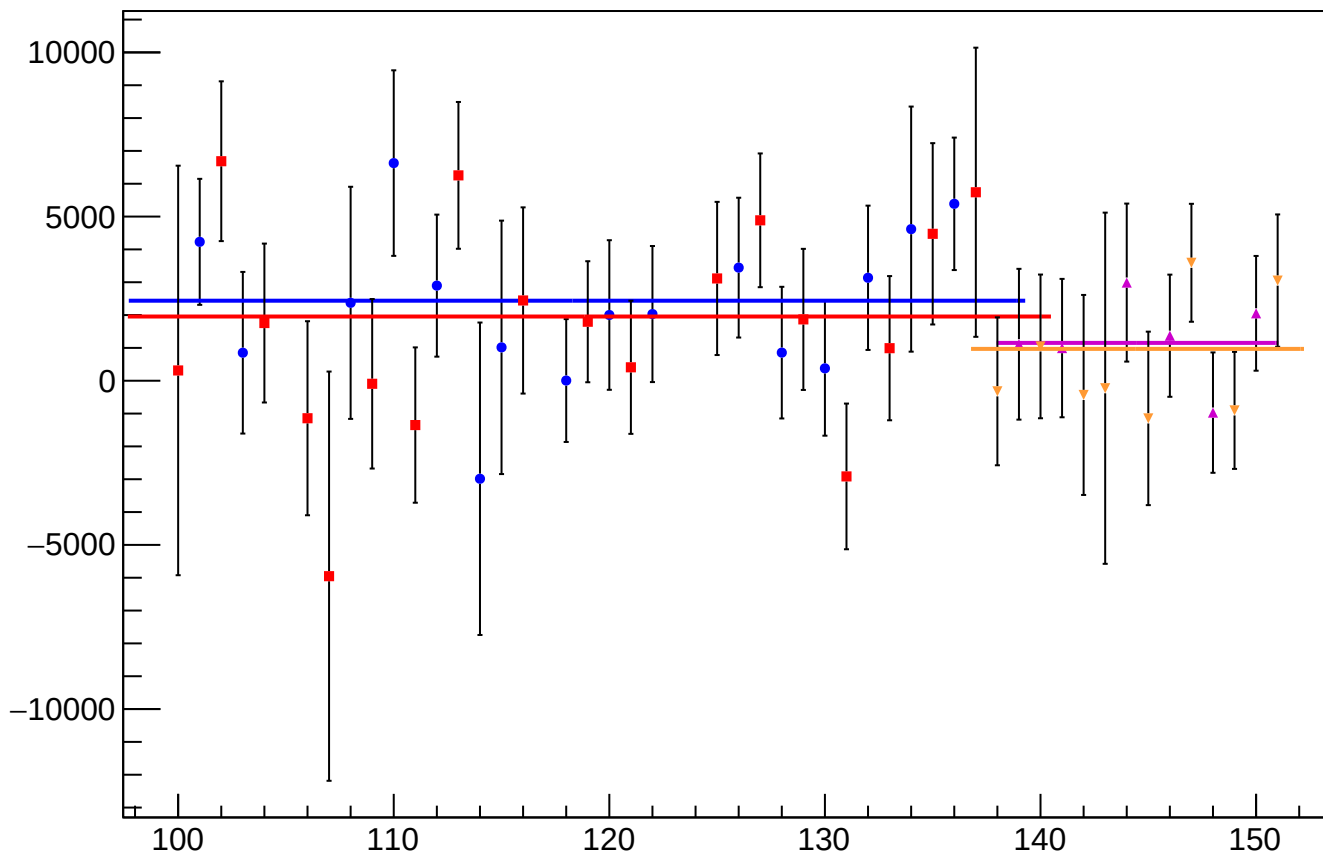
Right: 906.333 $\pm$ 0.182 χ^2 /NDF: 2402221.4/33

In: 1023.271 $\pm$ 0.223 χ^2 /NDF: 2151128.5/21

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

All: 1034.463 $\pm$ 0.156 χ^2 /NDF: 4967172.4/47

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: 1152.453 $\pm$ 816.092 χ^2 /NDF:2.2/5

Left: 1059.377 $\pm$ 571.249 χ^2 /NDF: 7.8/13

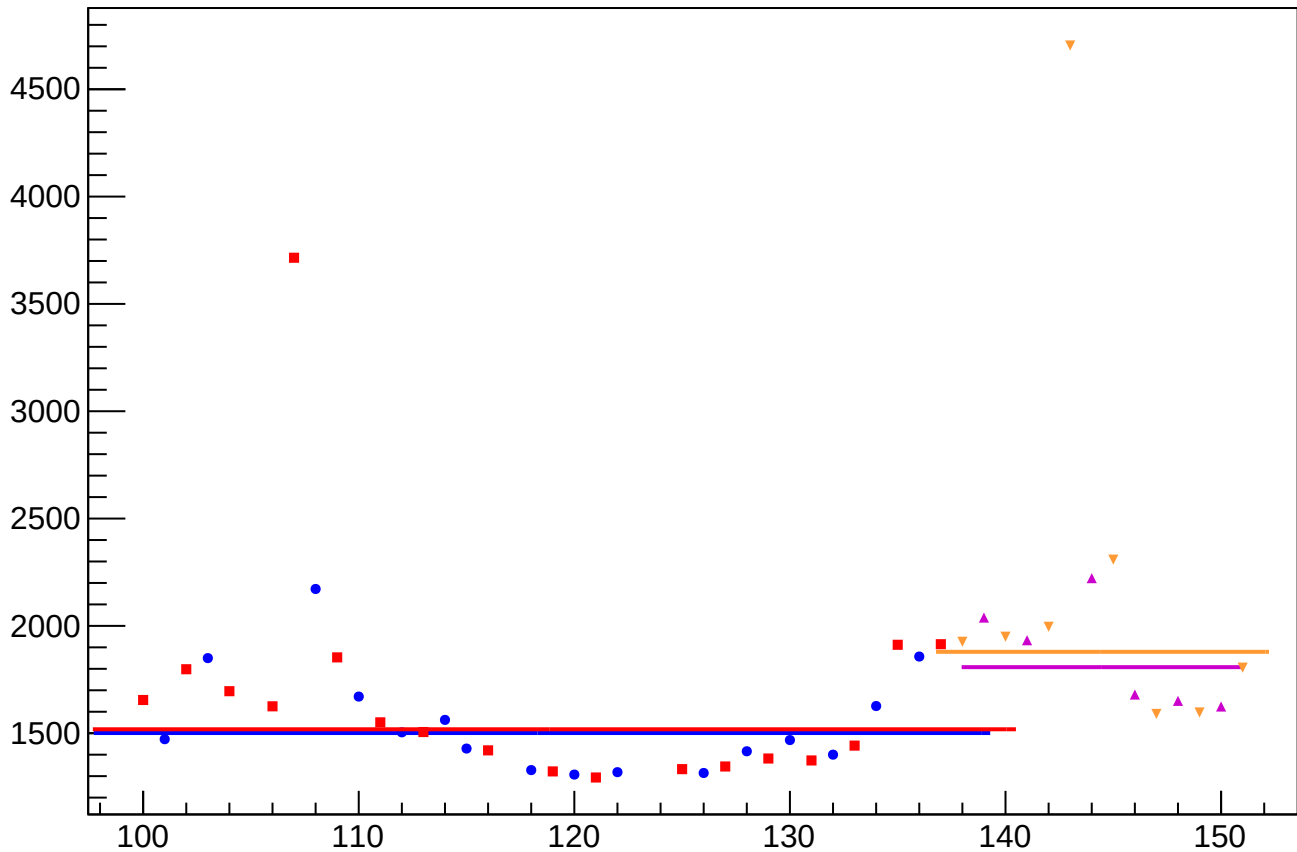
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 2000.109 $\pm$ 476.121 χ^2 /NDF:15.0/21

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

All: 1804.766 $\pm$ 335.098 χ^2 /NDF: 44.2/47

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1879.175+/-0.566 χ^2/NDF : 721490.0/7

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

Left In: 1807.759+/-0.577 χ^2/NDF : 132784.9/5

Left: 1844.183+/-0.404 χ^2/NDF : 862086.3/13

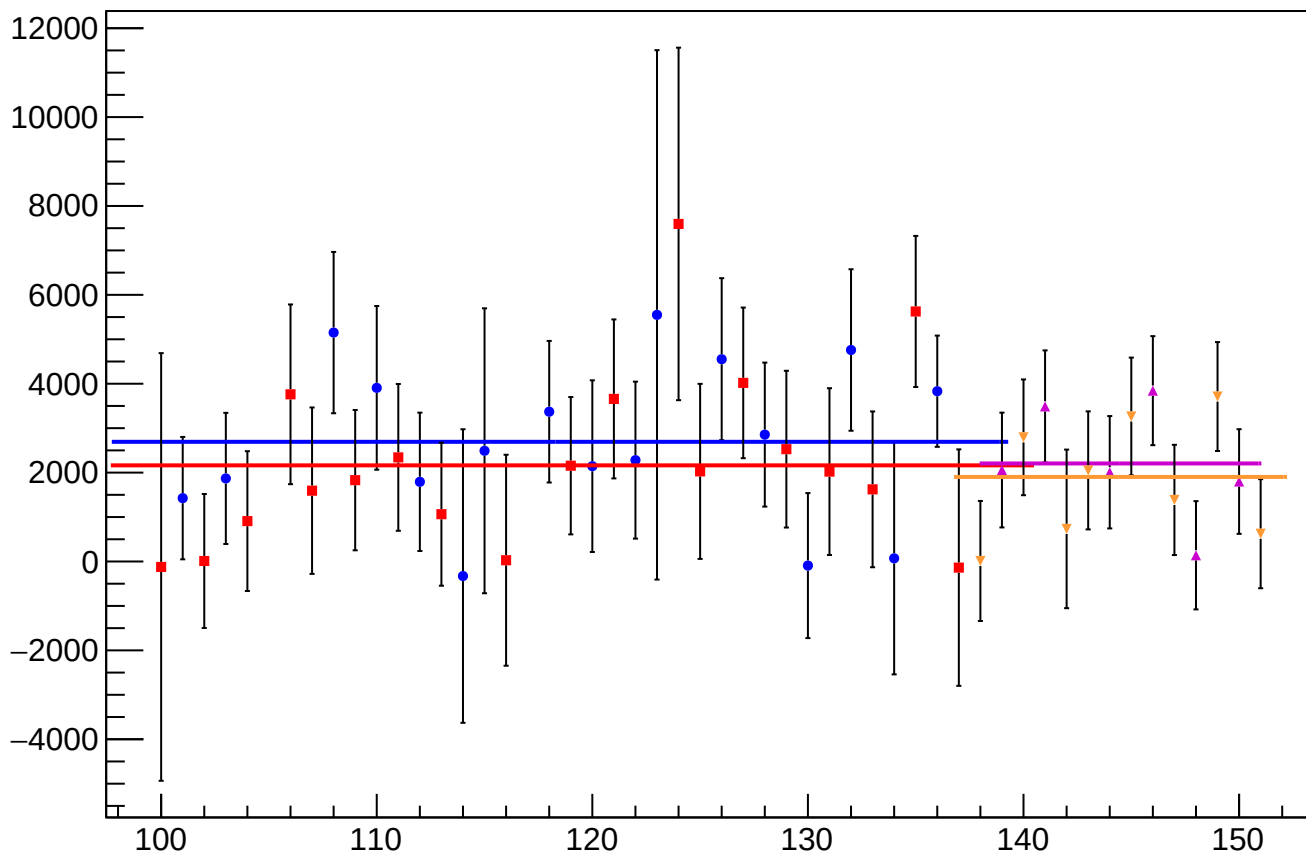
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1605.300+/-0.337 χ^2/NDF : 575618.9/21

Out: 1643.819+/-0.334 χ^2/NDF : 1462973.8/25

All: 1624.739+/-0.237 χ^2/NDF : 2045198.6/47

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: 2205.774 $\pm$ 505.439 χ^2 /NDF: 5.9/5

Left: 2042.509 $\pm$ 343.348 χ^2 /NDF: 13.4/13

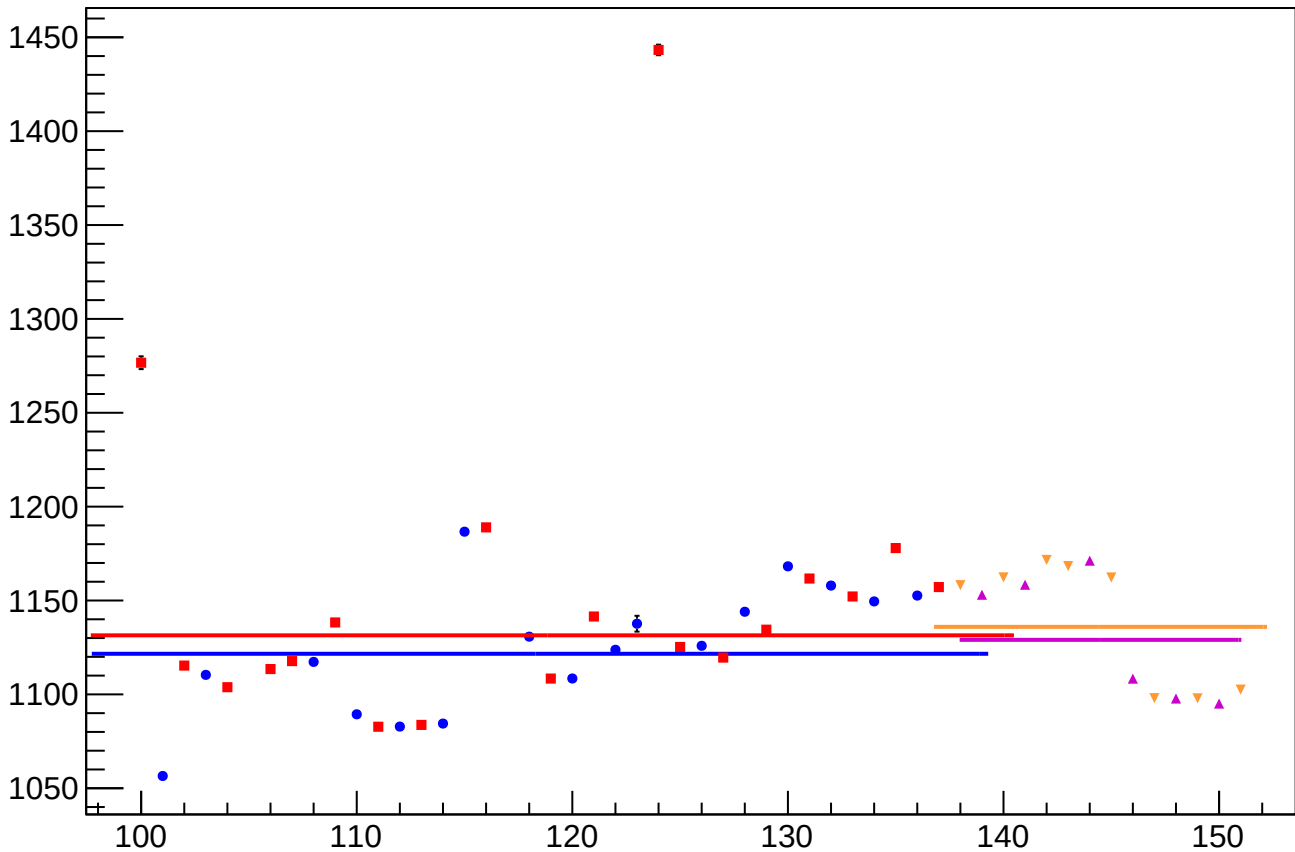
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2486.983 $\pm$ 328.665 χ^2 /NDF: 18.6/22

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

All: 2256.348 $\pm$ 227.076 χ^2 /NDF: 40.9/49

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: 1129.052 $\pm$ 0.357 χ^2 /NDF:7550.0/5

Left: 1132.778 $\pm$ 0.243 χ^2 /NDF: 17176.0/13

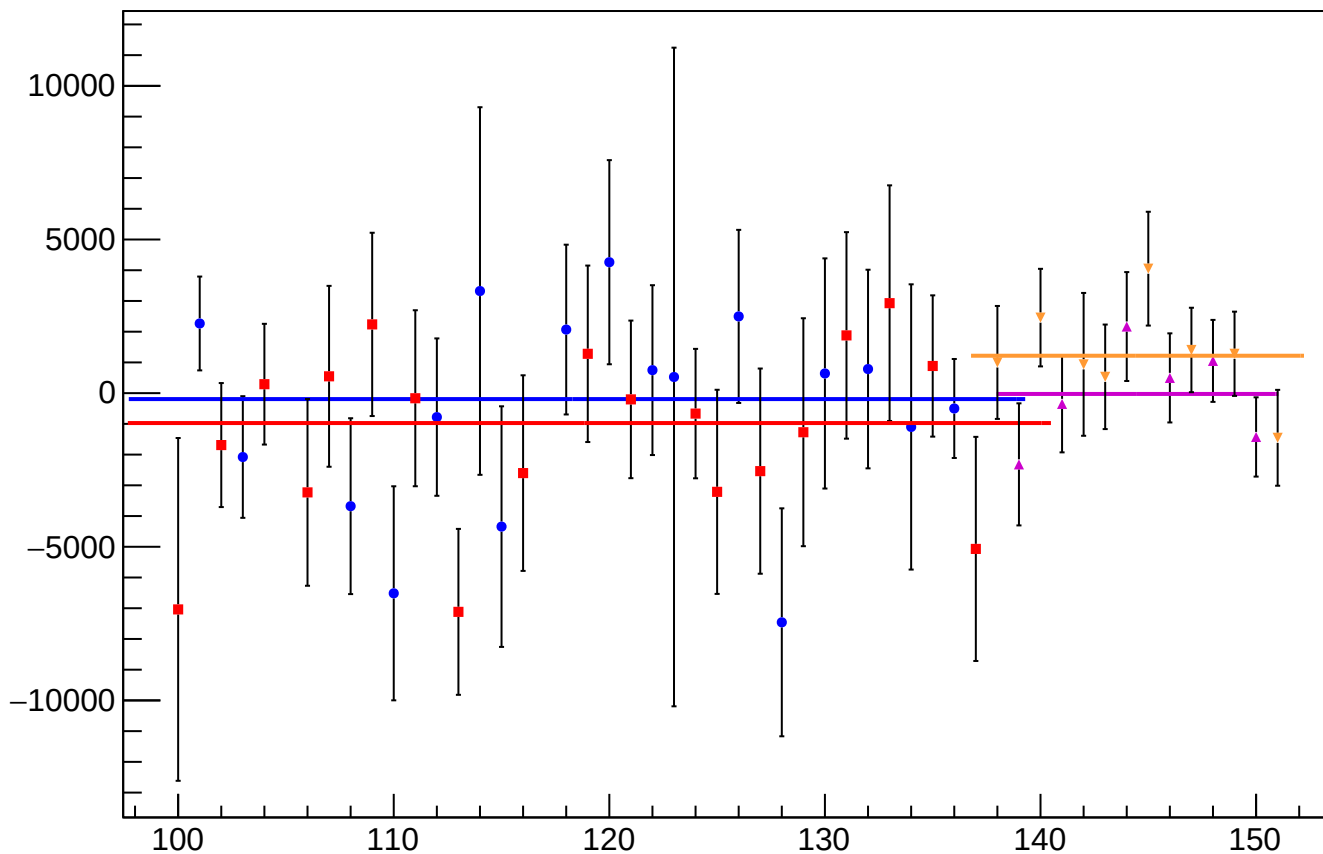
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1124.766 $\pm$ 0.232 χ^2 /NDF:19779.5/22

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

All: 1129.325 $\pm$ 0.161 χ^2 /NDF: 53153.9/49

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: -26.314+/-618.709 χ^2/NDF : 4.9/5

Left: 637.358+/-422.587 χ^2/NDF : 13.1/13

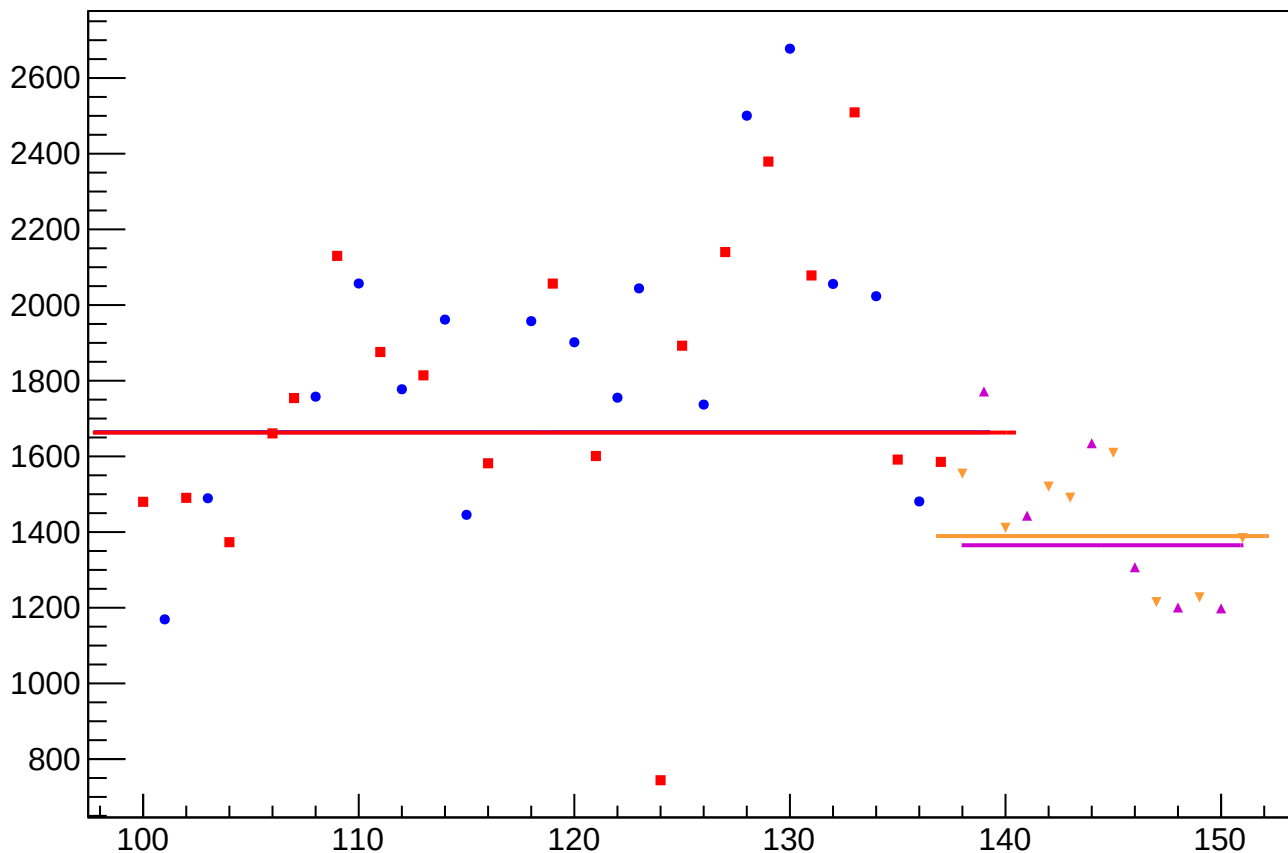
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -104.391+/-451.500 χ^2/NDF : 22.3/22

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

All: 76.396+/-311.645 χ^2/NDF : 49.3/49

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1389.416+/-0.409 χ^2/NDF : 118405.2/7

Right Out: 1662.985+/-0.456 χ^2/NDF : 804974.2/18

Left In: 1365.182+/-0.437 χ^2/NDF : 201984.4/5

Left: 1378.110+/-0.299 χ^2/NDF : 322026.5/13

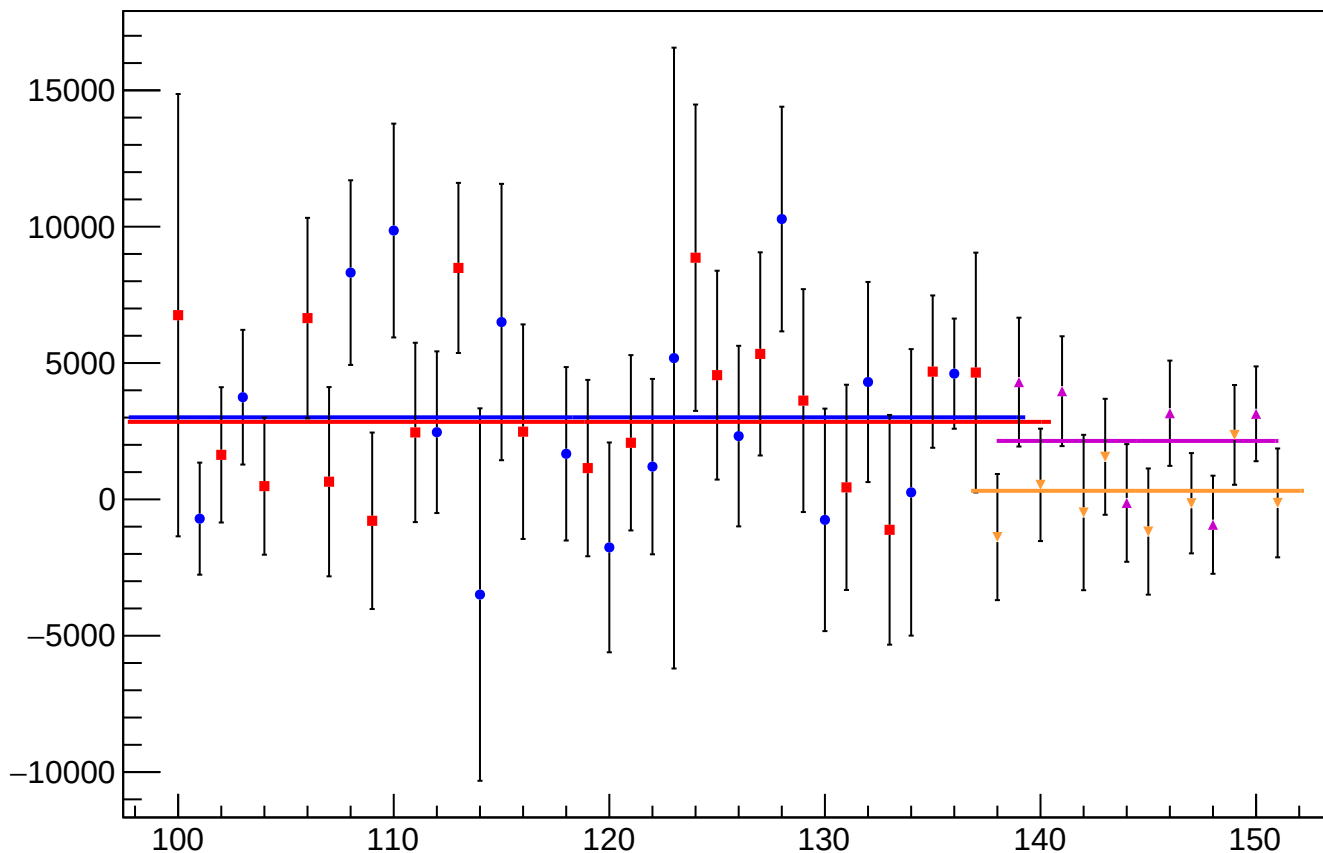
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1504.768+/-0.319 χ^2/NDF : 1042225.2/22

Out: 1511.381+/-0.305 χ^2/NDF : 1122734.7/26

All: 1508.230+/-0.220 χ^2/NDF : 2165184.5/49

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 313.994+/-745.569 χ^2/NDF : 2.8/7

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

Left In: 2143.460+/-803.531 χ^2/NDF : 6.3/5

Left: 1160.370+/-546.540 χ^2/NDF : 11.8/13

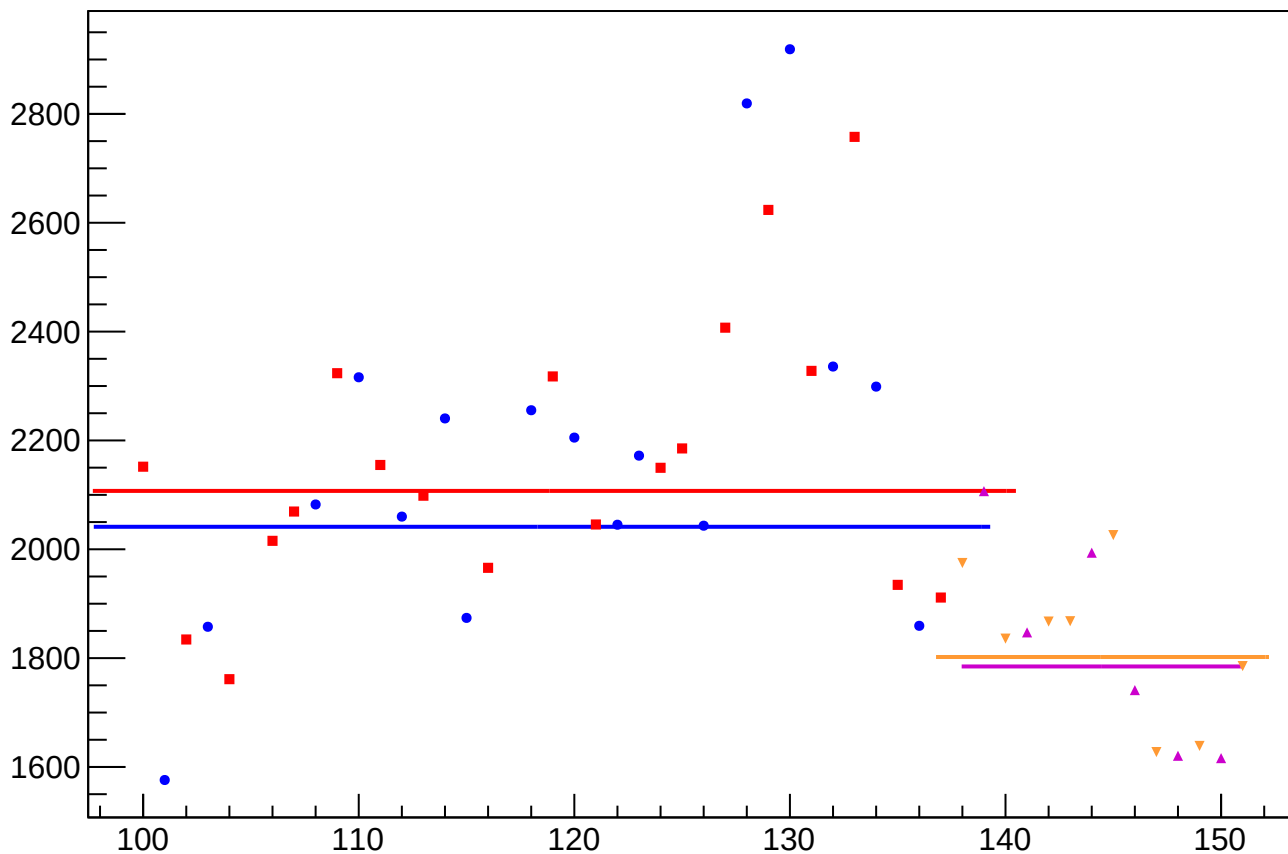
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2578.422+/-566.804 χ^2/NDF : 24.3/22

Out: 1495.814+/-544.067 χ^2/NDF : 19.6/26

All: 2014.969+/-392.505 χ^2/NDF : 45.7/49

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: 1784.693 $\pm$ 0.568 χ^2/NDF : 94320.8/5

Left: 1794.027 $\pm$ 0.386 χ^2/NDF : 162362.4/13

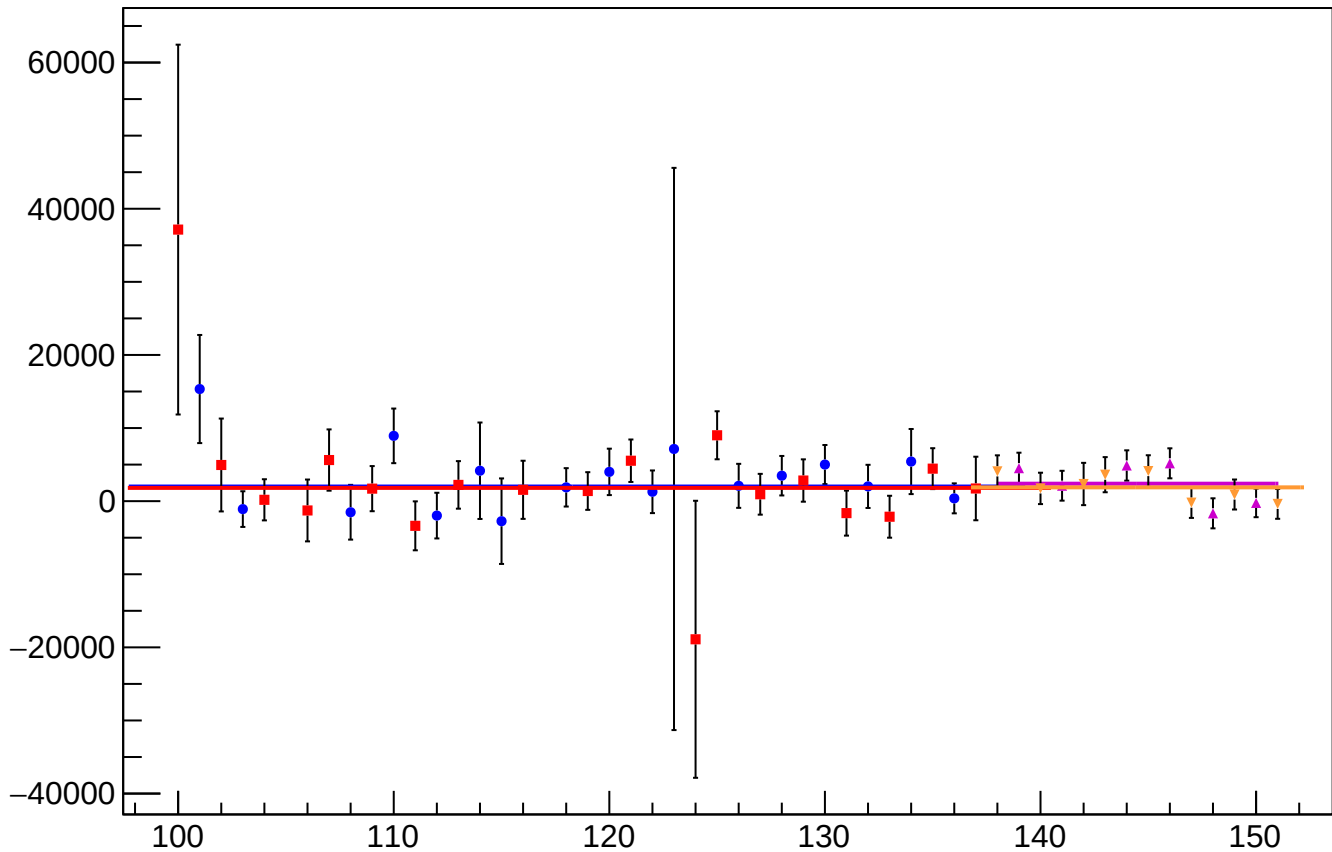
Right: 2074.475 $\pm$ 0.399 χ^2/NDF : 542049.1/35

In: 1913.643 $\pm$ 0.401 χ^2/NDF : 535274.4/22

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

All: 1929.831 $\pm$ 0.278 χ^2/NDF : 959418.1/49

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: 2388.987+/-835.738 χ^2/NDF : 10.0/5

Left: 2120.736+/-570.704 χ^2/NDF : 15.3/13

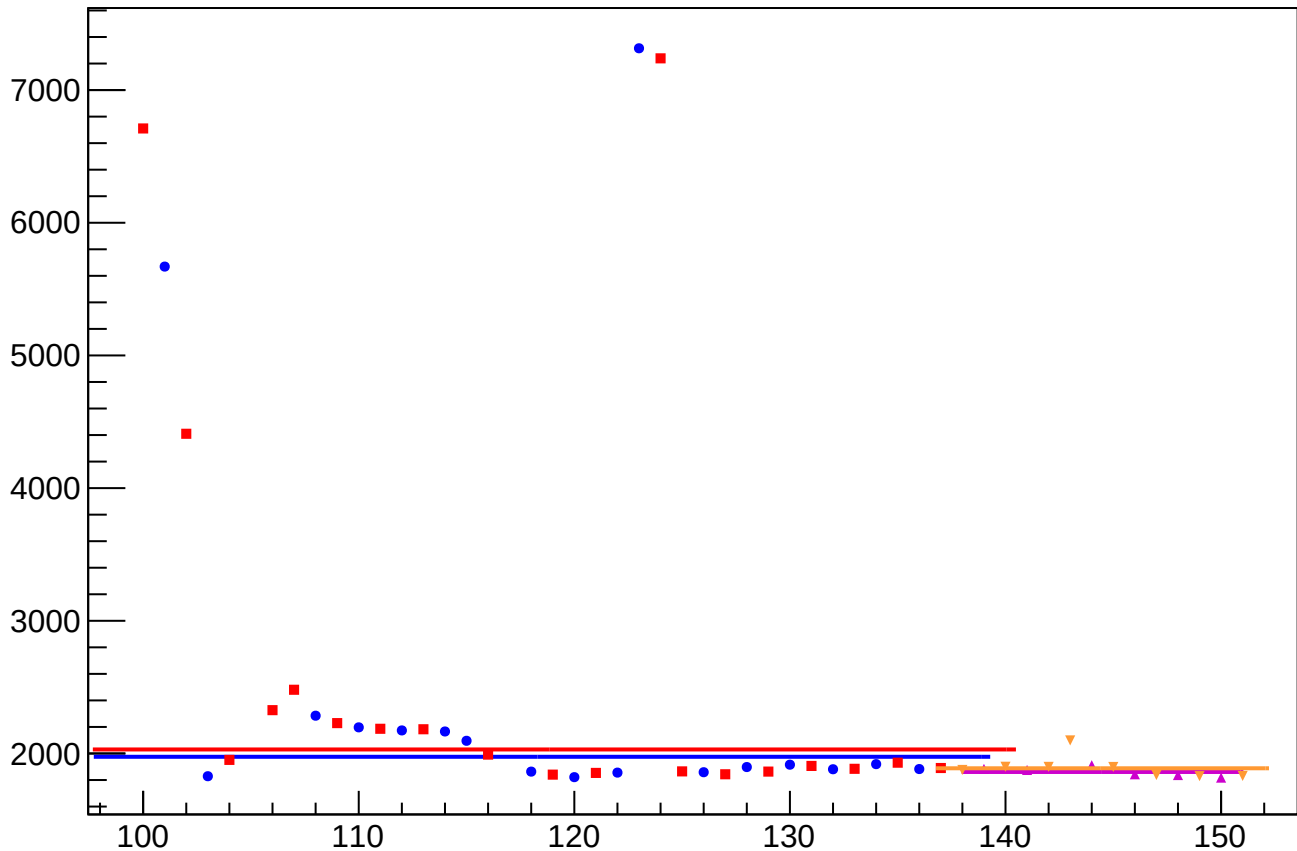
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2181.436+/-570.859 χ^2/NDF : 24.9/22

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

All: 2010.802+/-397.004 χ^2/NDF : 48.4/49

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: 1860.662+/-0.591 χ^2/NDF :2909.5/5

Left: 1875.503+/-0.404 χ^2/NDF : 24008.2/13

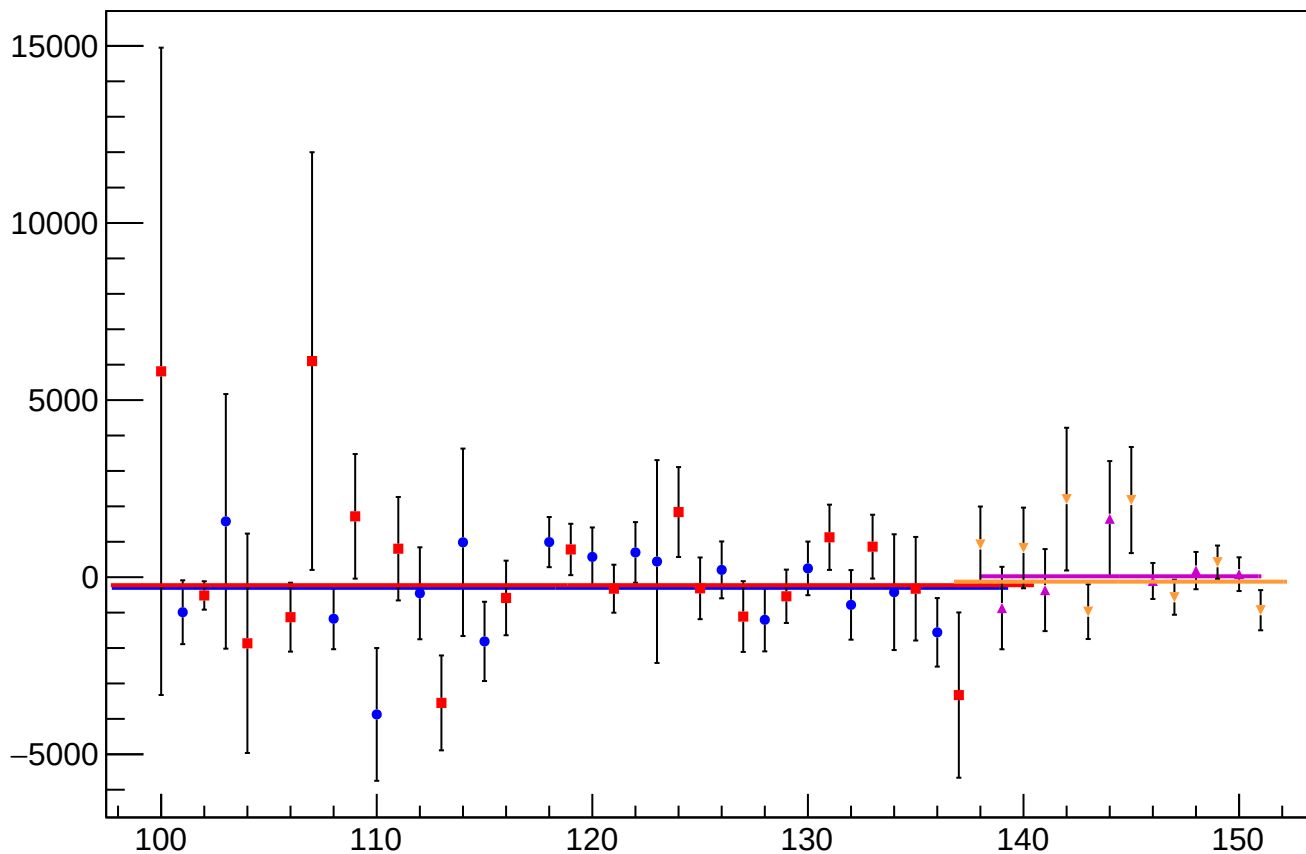
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1921.711+/-0.404 χ^2/NDF :622747.9/22

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

All: 1941.163+/-0.281 χ^2/NDF : 1284055.3/49

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -125.886 $\pm$ 252.178 χ^2 /NDF:10.7/7

Right Out: -225.432 $\pm$ 215.564 χ^2 /NDF: 22.2/18

Left In: 25.303 $\pm$ 269.779 χ^2 /NDF:1.9/5

Left: -55.384 $\pm$ 184.225 χ^2 /NDF: 12.8/13

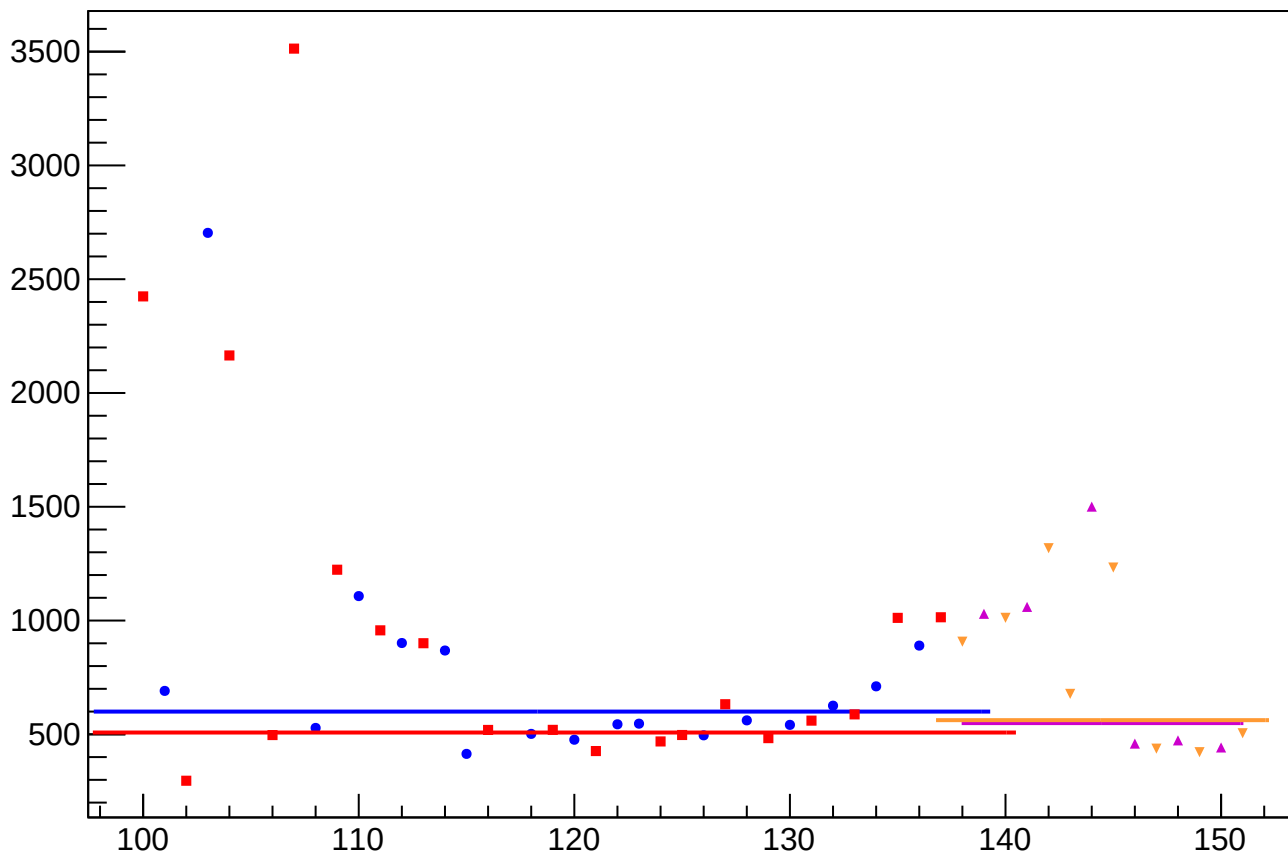
Right: -257.724 $\pm$ 162.302 χ^2 /NDF: 39.6/35

In: -151.906 $\pm$ 182.023 χ^2 /NDF:20.0/22

Out: -183.404 $\pm$ 163.857 χ^2 /NDF:33.0/26

All: -169.305 $\pm$ 121.782 χ^2 /NDF: 53.1/49

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: 549.390+/-0.191 χ^2/NDF : 1617129.2/5

Left: 556.279+/-0.130 χ^2/NDF : 3193871.0/13

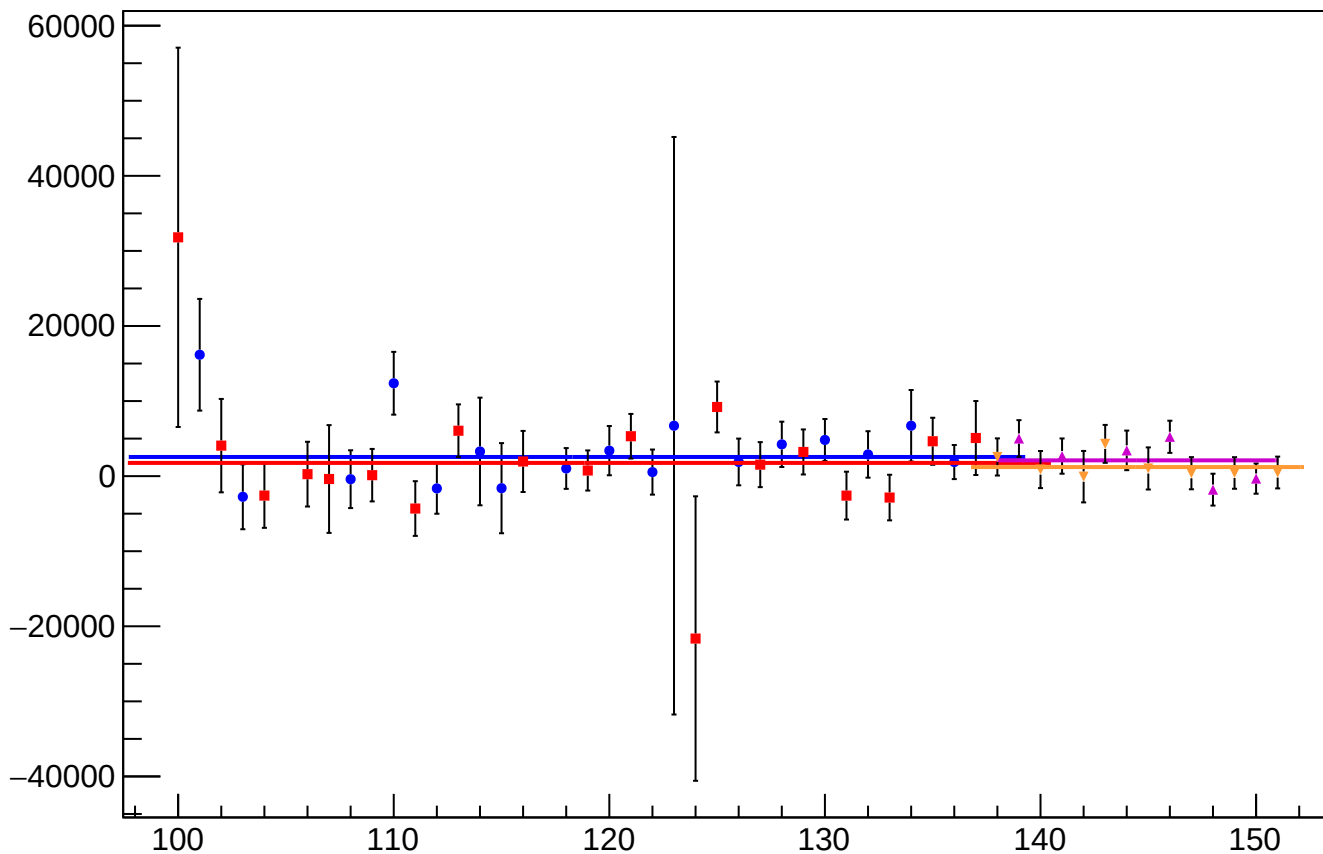
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 576.935+/-0.129 χ^2/NDF : 3036452.3/22

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

All: 551.502+/-0.086 χ^2/NDF : 7584011.9/49

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597+/-858.906 χ^2/NDF : 15.7/16

Left Out: 1208.148+/-856.555 χ^2/NDF : 2.4/7

Right Out: 1761.499+/-854.672 χ^2/NDF : 20.9/18

Left In: 2102.922+/-920.755 χ^2/NDF : 8.7/5

Left: 1623.256+/-627.145 χ^2/NDF : 11.6/13

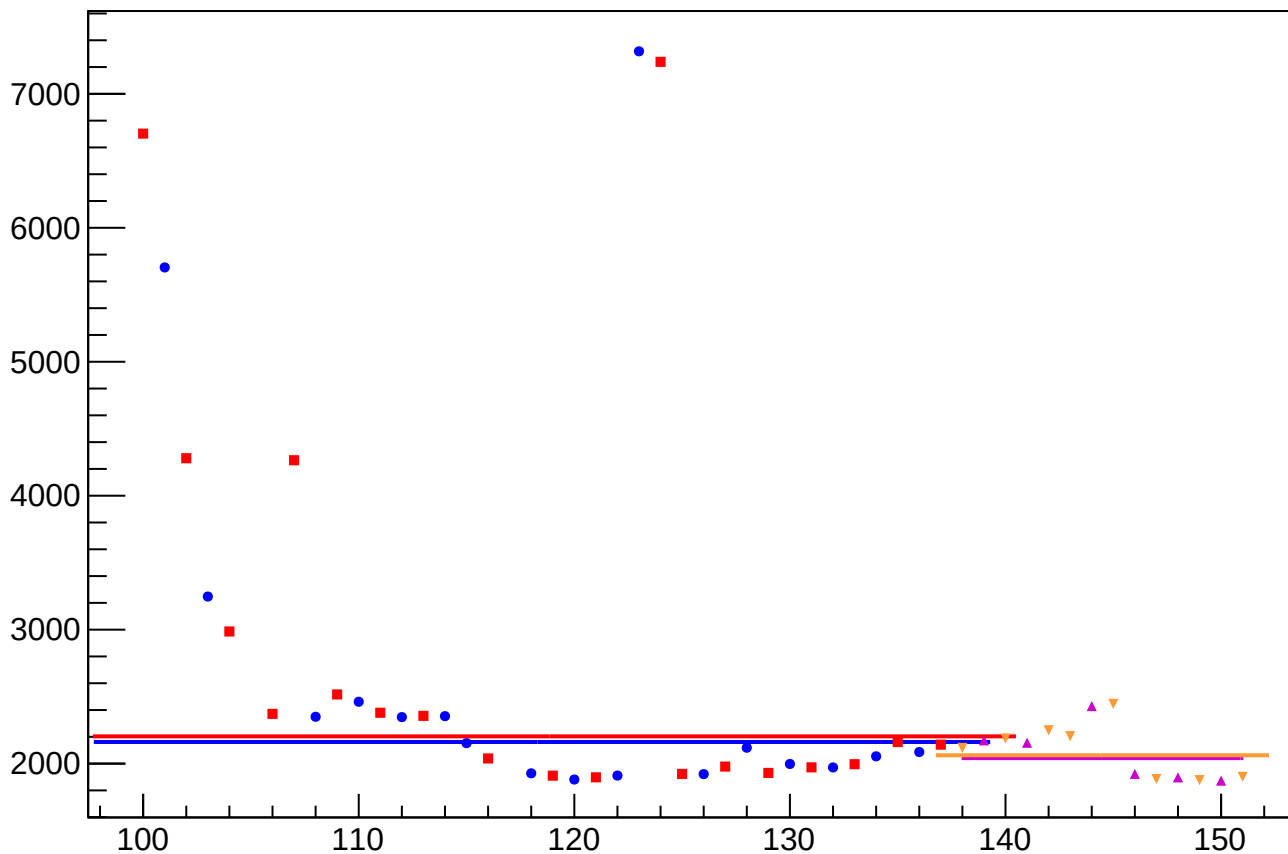
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 2343.903+/-628.066 χ^2/NDF : 24.6/22

Out: 1485.432+/-605.009 χ^2/NDF : 23.5/26

All: 1898.621+/-435.729 χ^2/NDF : 49.0/49

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: 2041.027 ± 0.651 χ^2/NDF : 83168.5/5

Left: 2052.475 ± 0.443 χ^2/NDF : 180448.7/13

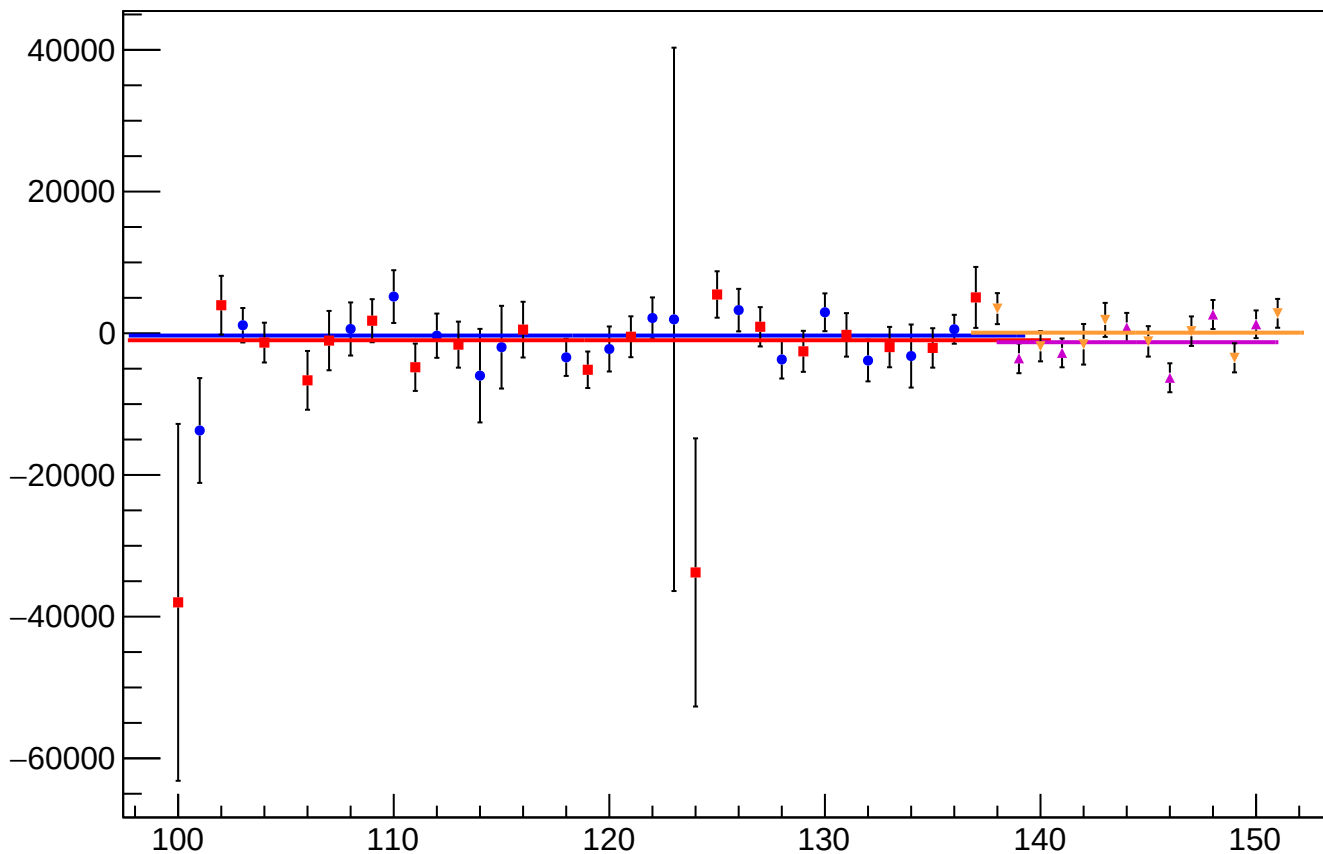
Right: 2182.484 ± 0.428 χ^2/NDF : 1511040.8/35

In: 2105.402 ± 0.444 χ^2/NDF : 812705.0/22

Out: 2133.017 ± 0.428 χ^2/NDF : 921238.7/26

All: 2119.726 ± 0.308 χ^2/NDF : 1735949.4/49

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 82.650+/-778.625 χ^2/NDF : 9.2/7

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

Left In: -1262.895+/-832.761 χ^2/NDF : 14.1/5

Left: -544.968+/-568.747 χ^2/NDF : 24.7/13

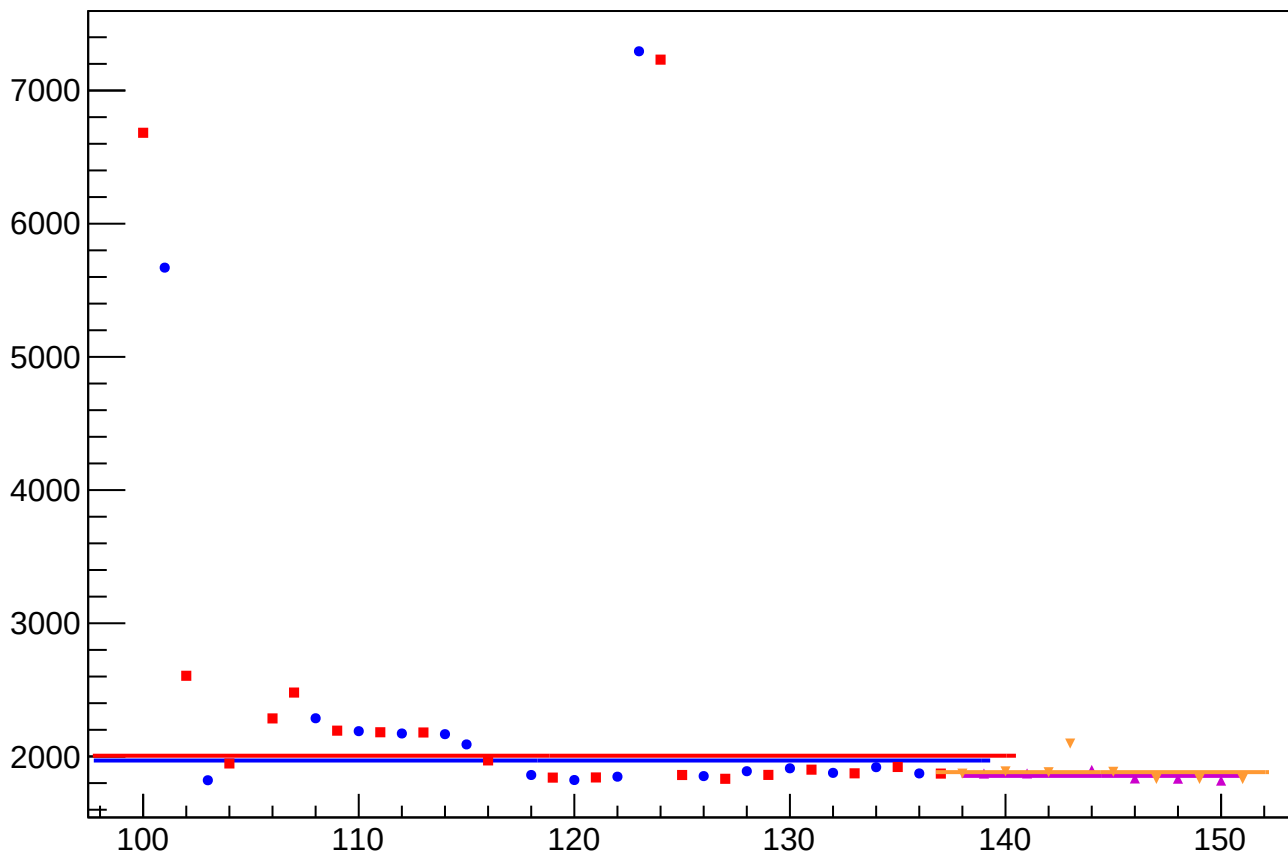
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -762.330+/-569.091 χ^2/NDF : 30.5/22

Out: -457.629+/-547.469 χ^2/NDF : 30.5/26

All: -604.081+/-394.542 χ^2/NDF : 61.2/49

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: 1854.173+/-0.589 χ^2/NDF :2302.1/5

Left: 1869.163+/-0.402 χ^2/NDF : 23299.5/13

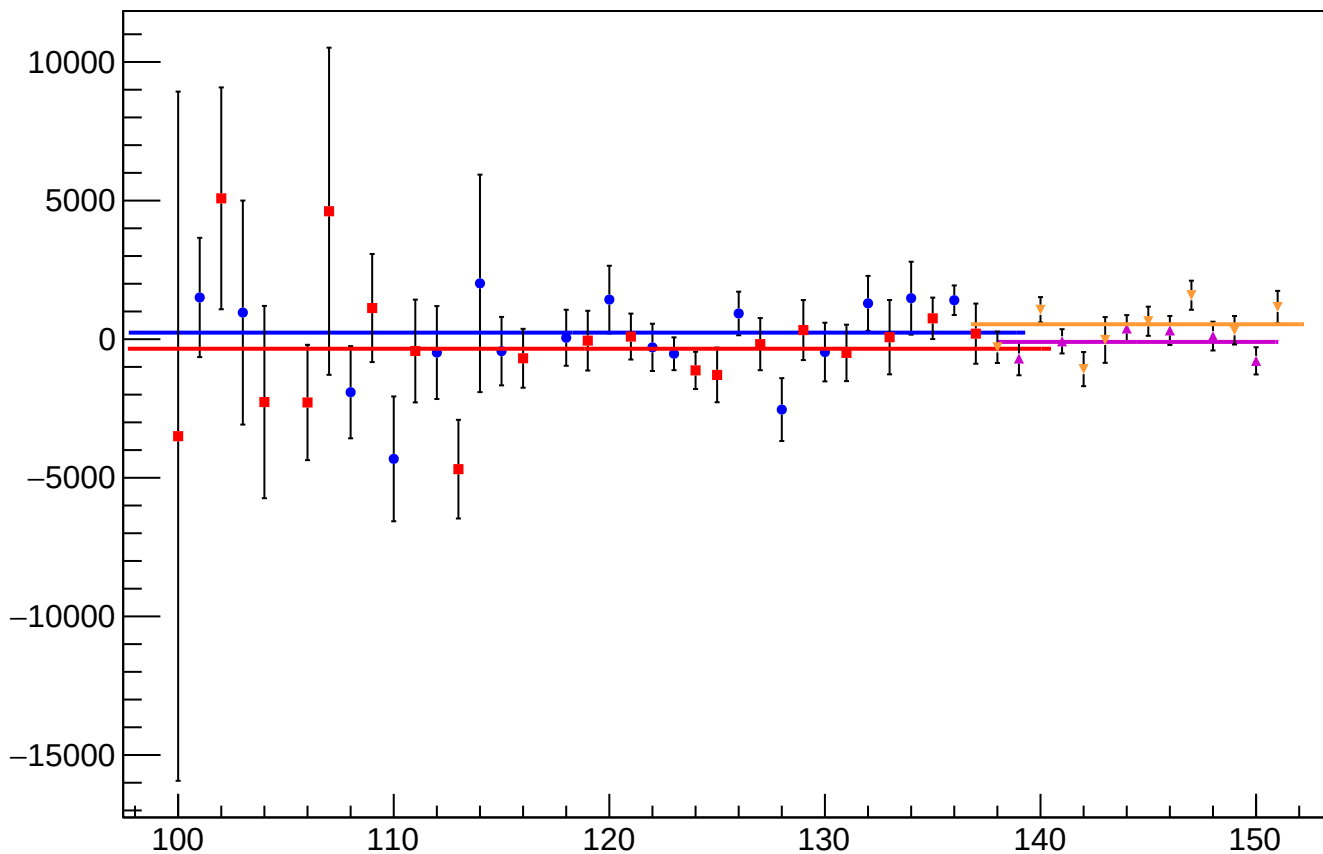
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1915.639+/-0.402 χ^2/NDF :625554.7/22

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

All: 1930.681+/-0.279 χ^2/NDF : 1033025.1/49

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: -97.782 $\pm$ 205.125 χ^2 /NDF:4.7/5

Left: 234.629 $\pm$ 141.786 χ^2 /NDF: 25.9/13

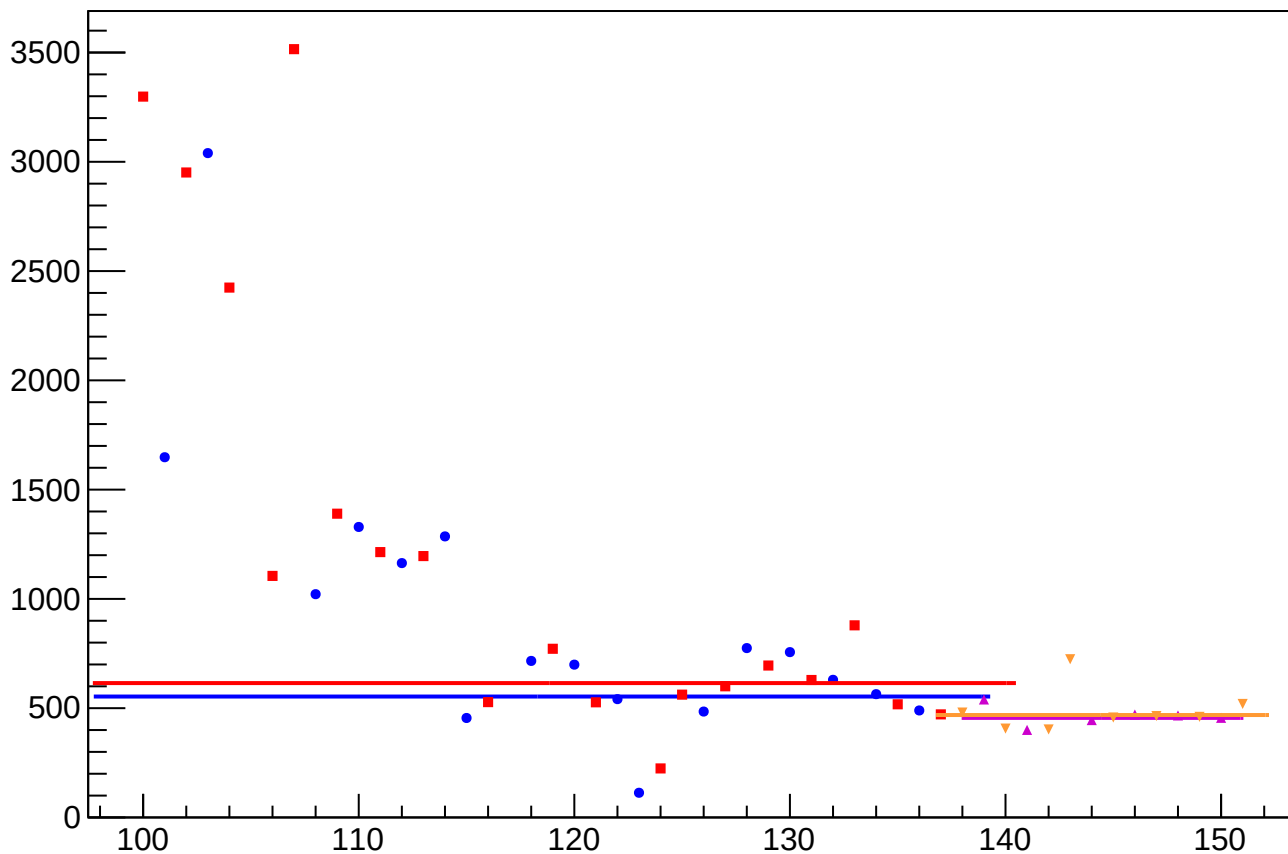
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 37.765 $\pm$ 158.220 χ^2 /NDF:29.7/22

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

All: 134.460 $\pm$ 111.949 χ^2 /NDF: 69.6/49

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 $\pm$ 0.176 χ^2 /NDF: 3412747.4/16

Left Out: 468.675 $\pm$ 0.139 χ^2 /NDF: 268442.0/7

Right Out: 614.829 $\pm$ 0.190 χ^2 /NDF: 3569607.7/18

Left In: 455.576 $\pm$ 0.145 χ^2 /NDF: 73844.0/5

Left: 462.417 $\pm$ 0.100 χ^2 /NDF: 346544.9/13

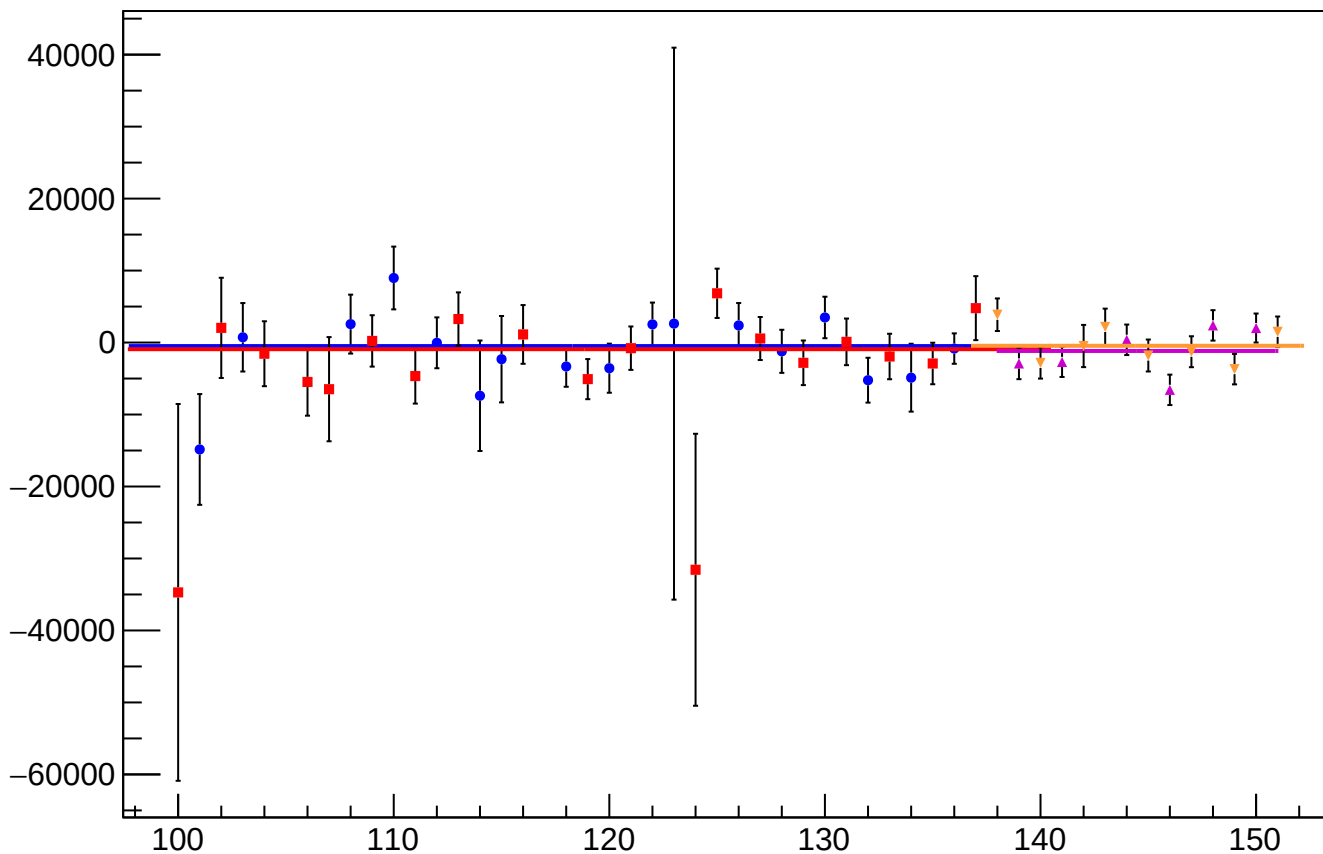
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 495.151 $\pm$ 0.112 χ^2 /NDF: 3670379.6/22

Out: 519.547 $\pm$ 0.112 χ^2 /NDF: 4224336.8/26

All: 507.334 $\pm$ 0.079 χ^2 /NDF: 7918461.8/49

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: -1168.515+/-858.680 χ^2/NDF : 13.6/5

Left: -786.213+/-587.547 χ^2/NDF : 23.5/13

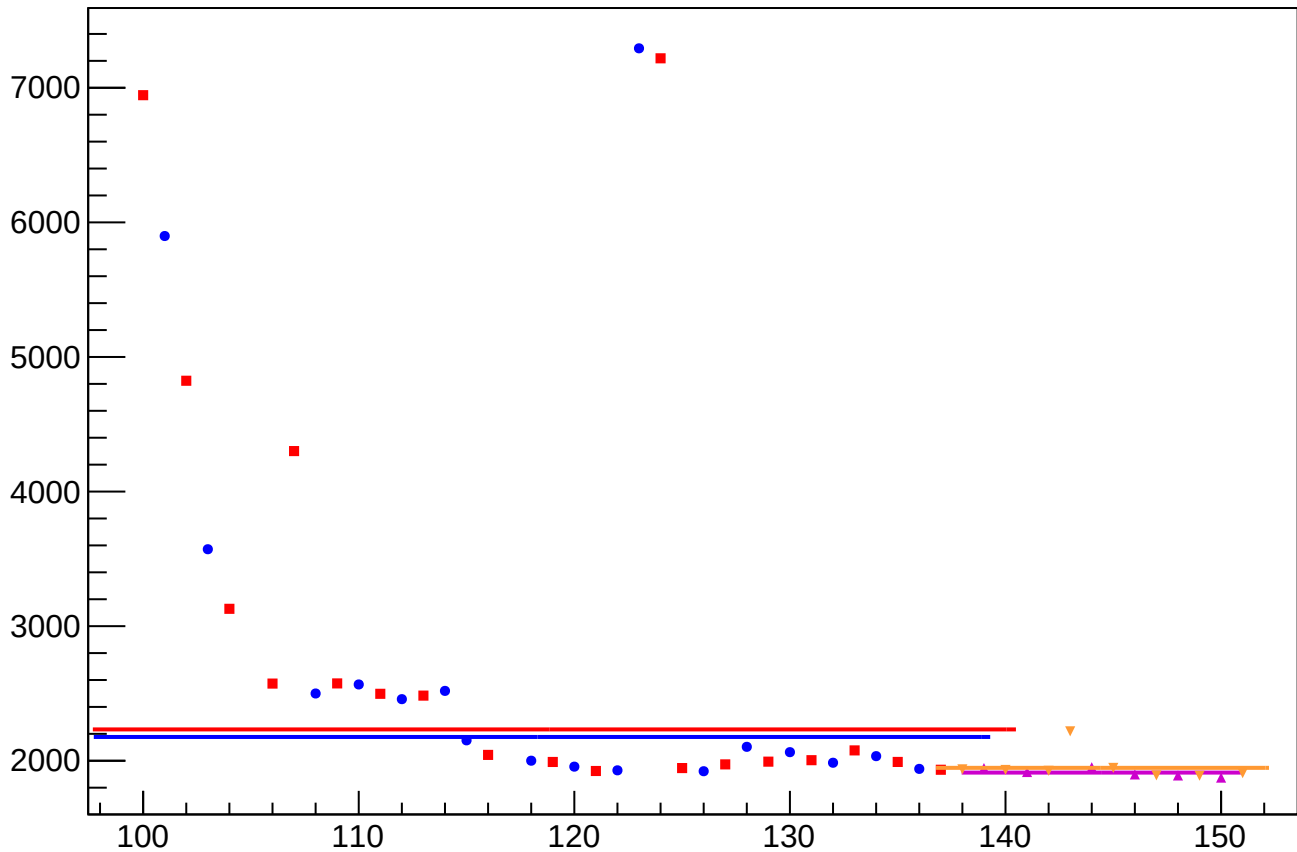
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -833.875+/-610.443 χ^2/NDF : 32.4/22

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

All: -748.233+/-424.502 χ^2/NDF : 61.1/49

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: 1912.092 $\pm$ 0.607 χ^2 /NDF: 2169.8/5

Left: 1930.857 $\pm$ 0.415 χ^2 /NDF: 30590.5/13

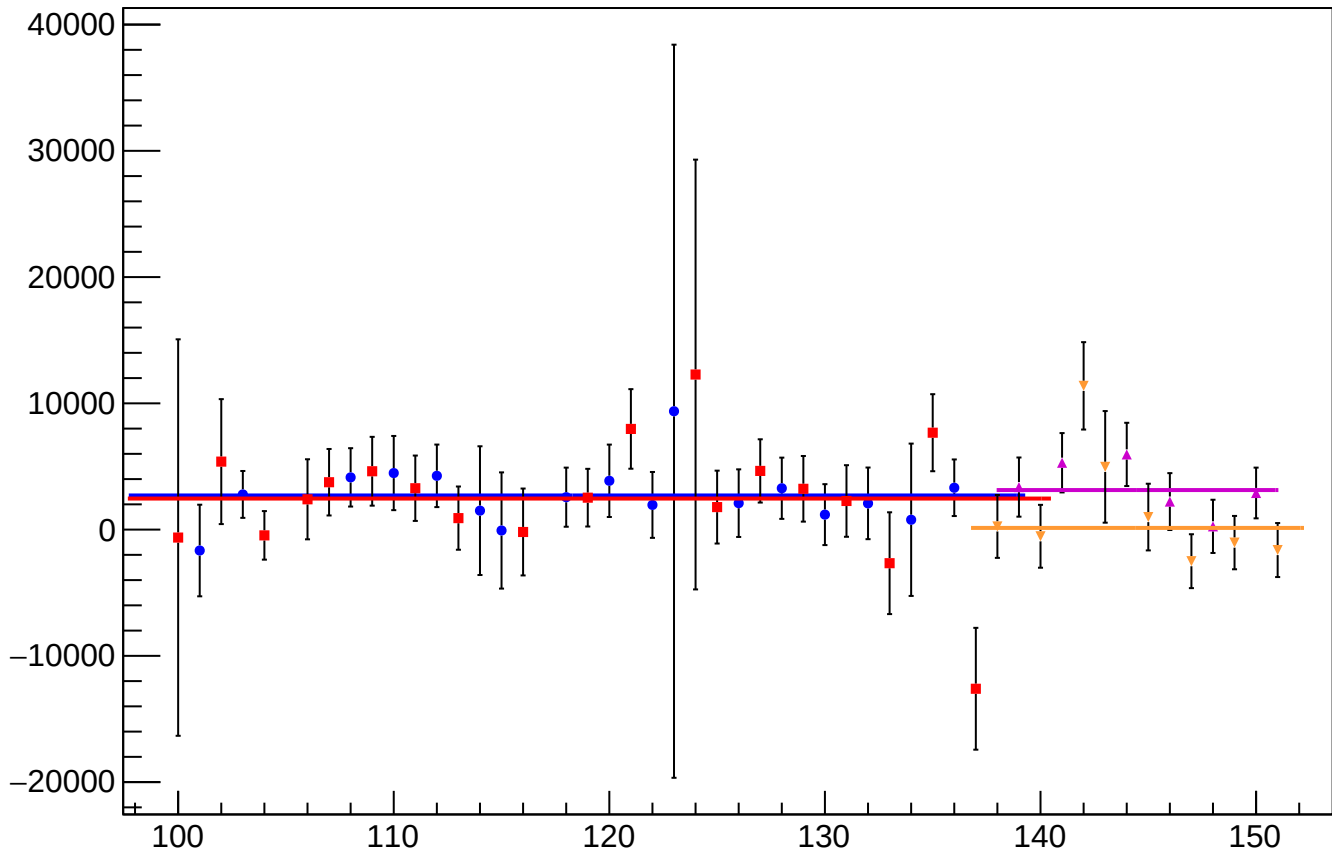
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2042.992 $\pm$ 0.432 χ^2 /NDF: 898817.4/22

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

All: 2061.798 $\pm$ 0.300 χ^2 /NDF: 1935811.6/49

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: 3131.980 $\pm$ 915.753 χ^2 /NDF:4.2/5

Left: 1589.683 $\pm$ 638.197 χ^2 /NDF: 24.1/13

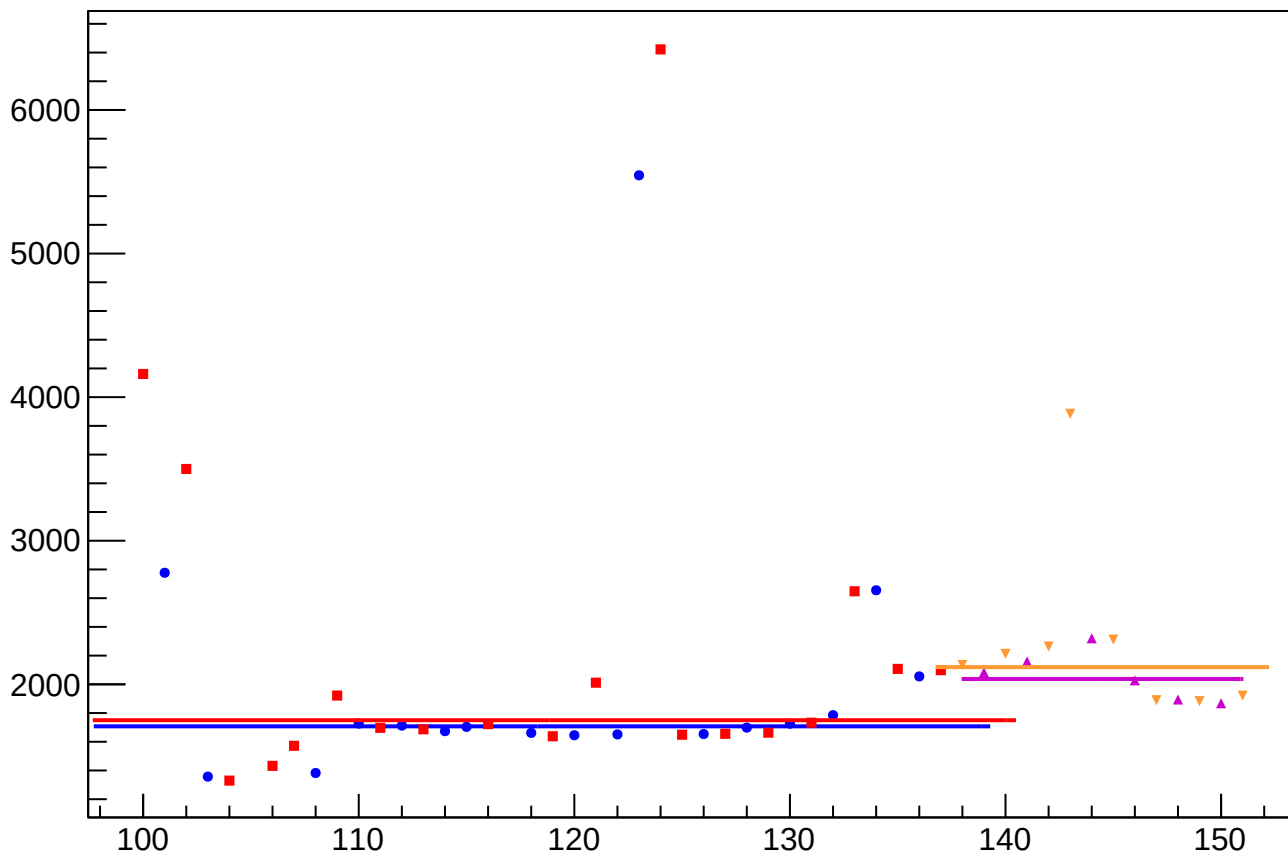
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2854.030 $\pm$ 542.771 χ^2 /NDF:8.3/22

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

All: 2224.325 $\pm$ 383.393 χ^2 /NDF: 53.0/49

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2119.768 ± 0.629 $\chi^2/\text{NDF}: 401233.4/7$

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

Left In: 2037.215 ± 0.648 $\chi^2/\text{NDF}: 55153.9/5$

Left: 2079.673 ± 0.451 $\chi^2/\text{NDF}: 464746.4/13$

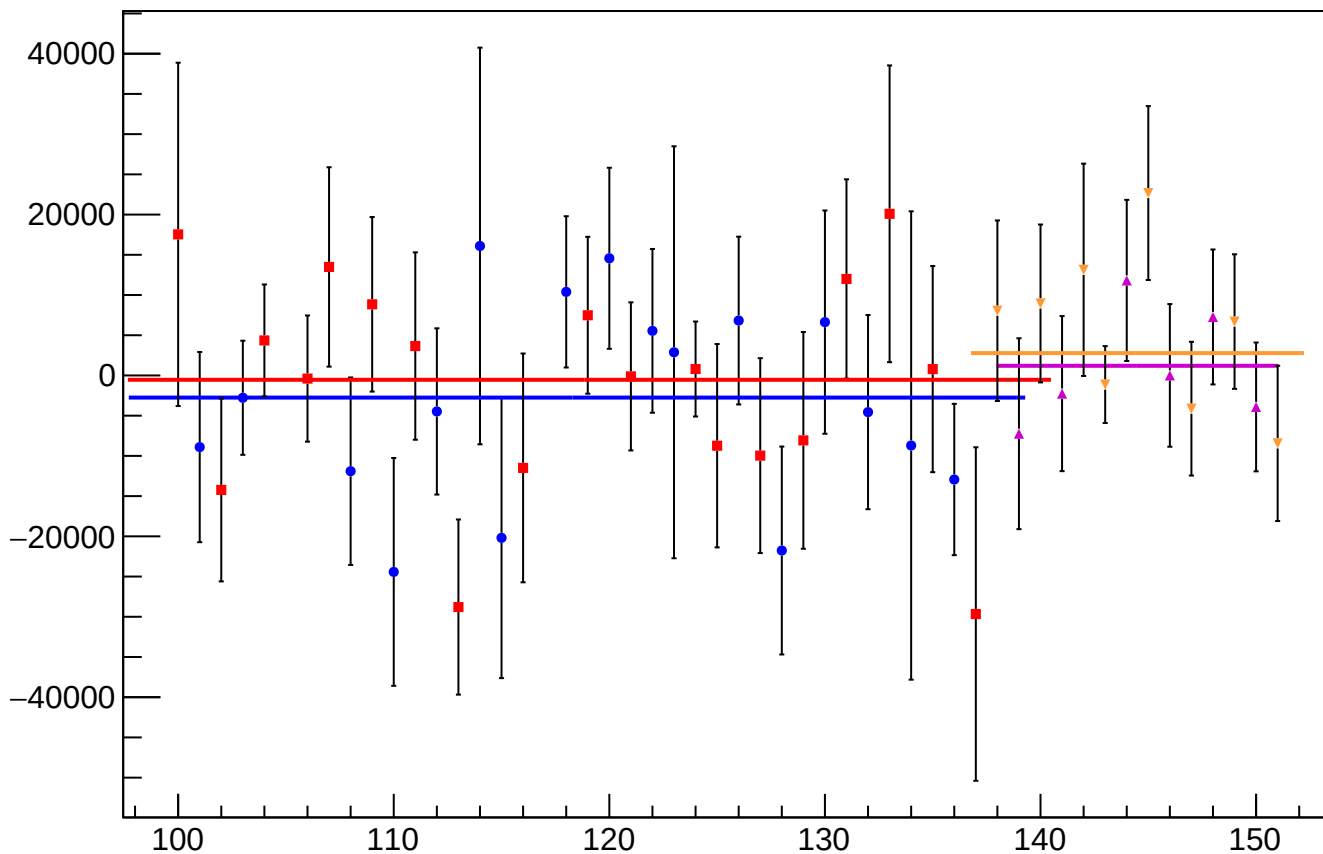
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1823.255 ± 0.384 $\chi^2/\text{NDF}: 645625.1/22$

Out: 1887.004 ± 0.383 $\chi^2/\text{NDF}: 1365032.5/26$

All: 1855.202 ± 0.271 $\chi^2/\text{NDF}: 2024483.9/49$

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: 1200.698+/-3770.373 χ^2/NDF : 2.7/5

Left: 2183.350+/-2317.331 χ^2/NDF : 10.4/13

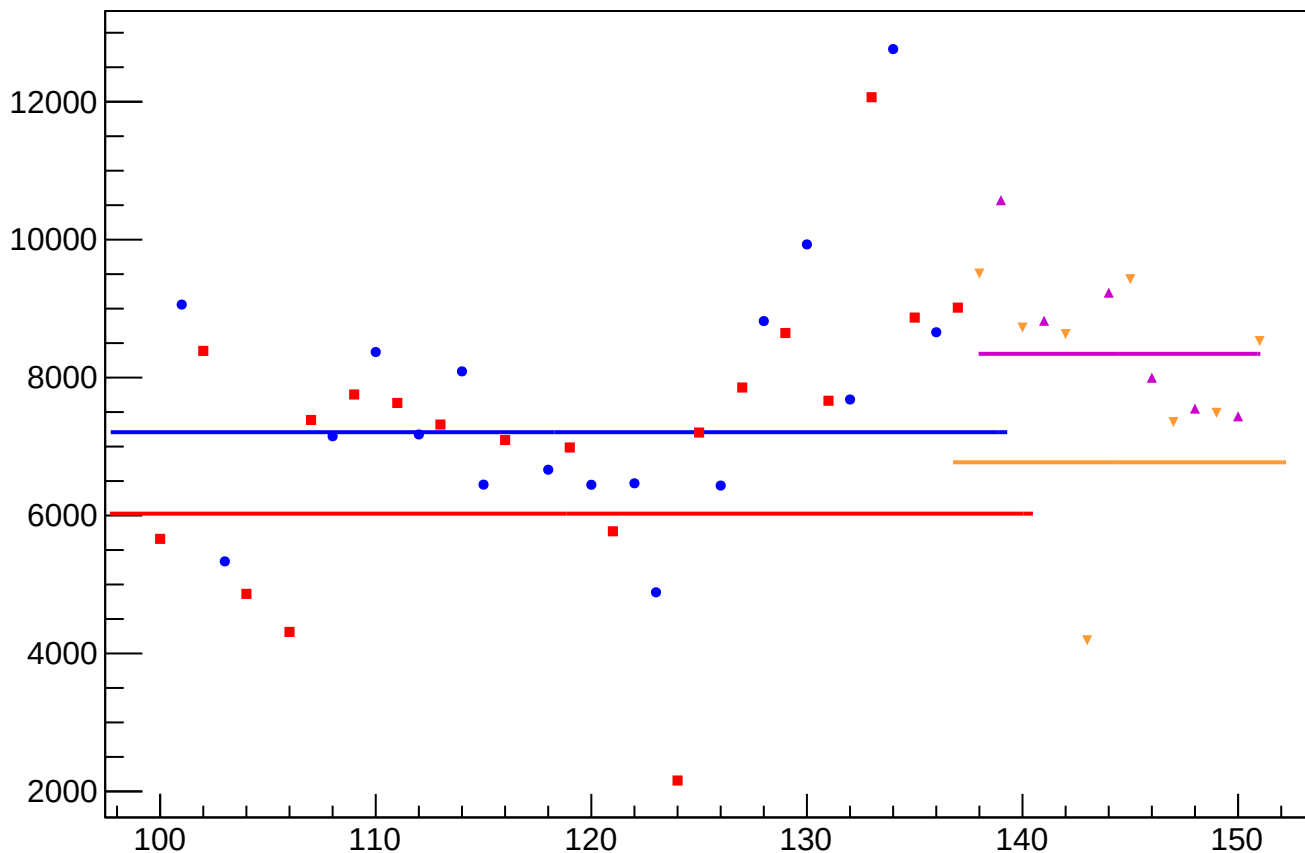
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -1318.810+/-2269.688 χ^2/NDF : 18.0/22

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

All: -53.019+/-1443.306 χ^2/NDF : 45.3/49

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: 8344.829+/-2.666 χ^2/NDF : 137723.5/5

Left: 7365.966+/-1.639 χ^2/NDF : 1386743.2/13

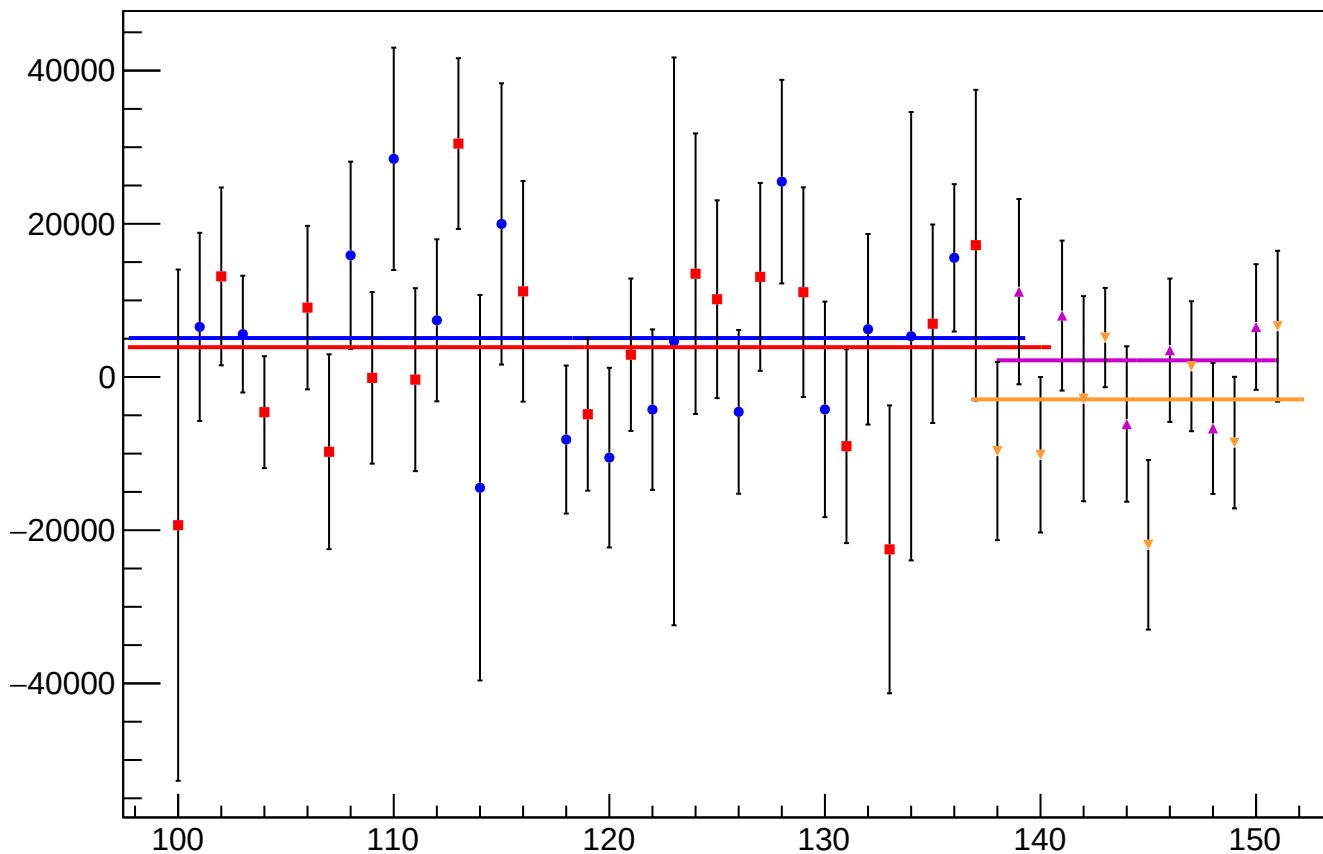
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7620.184+/-1.605 χ^2/NDF : 747337.7/22

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

All: 6851.151+/-1.021 χ^2/NDF : 4039722.9/49

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: 2176.127+/-3865.284 χ^2/NDF : 3.0/5

Left: -780.907+/-2505.056 χ^2/NDF : 10.9/13

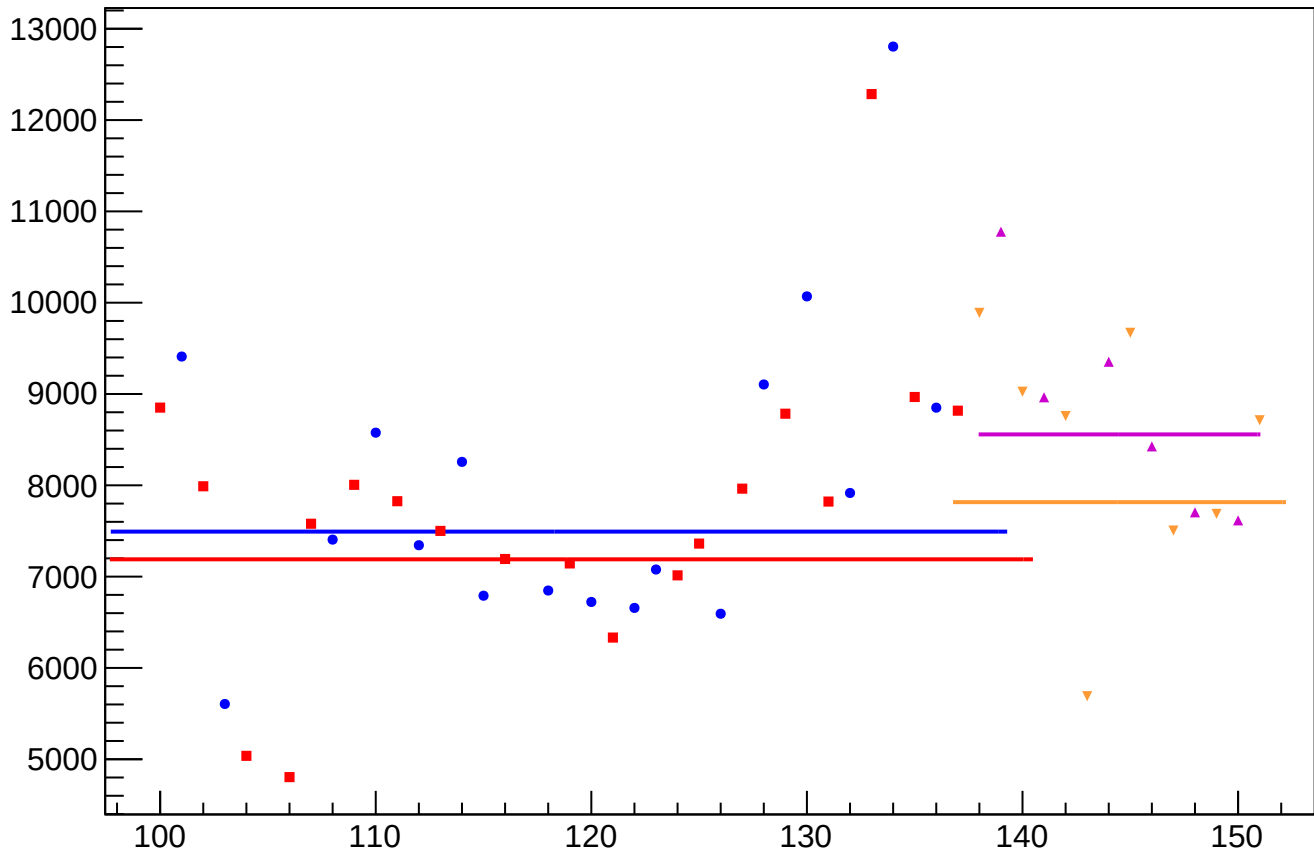
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 4011.661+/-2347.686 χ^2/NDF : 17.3/22

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

All: 2380.460+/-1576.615 χ^2/NDF : 43.3/49

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: 8557.491 $\pm$ 2.733 χ^2/NDF :129752.2/5

Left: 8127.285 $\pm$ 1.771 χ^2/NDF : 565350.9/13

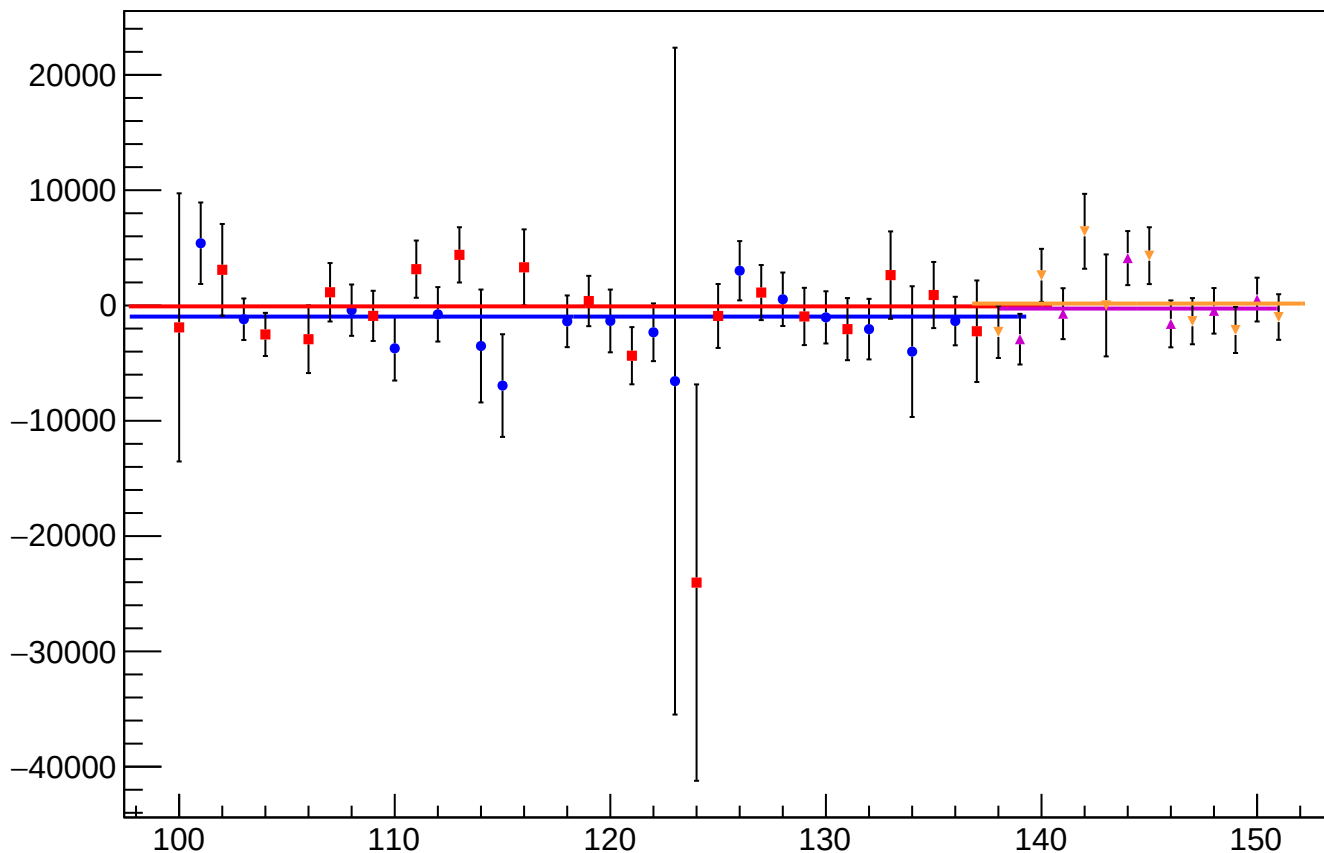
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

In: 7885.634 $\pm$ 1.660 χ^2/NDF :662582.4/22

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

All: 7647.287 $\pm$ 1.115 χ^2/NDF : 1696064.2/49

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 166.054+/-830.350 χ^2/NDF : 11.1/7

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

Left In: -267.421+/-854.436 χ^2/NDF : 5.6/5

Left: -44.488+/-595.479 χ^2/NDF : 16.8/13

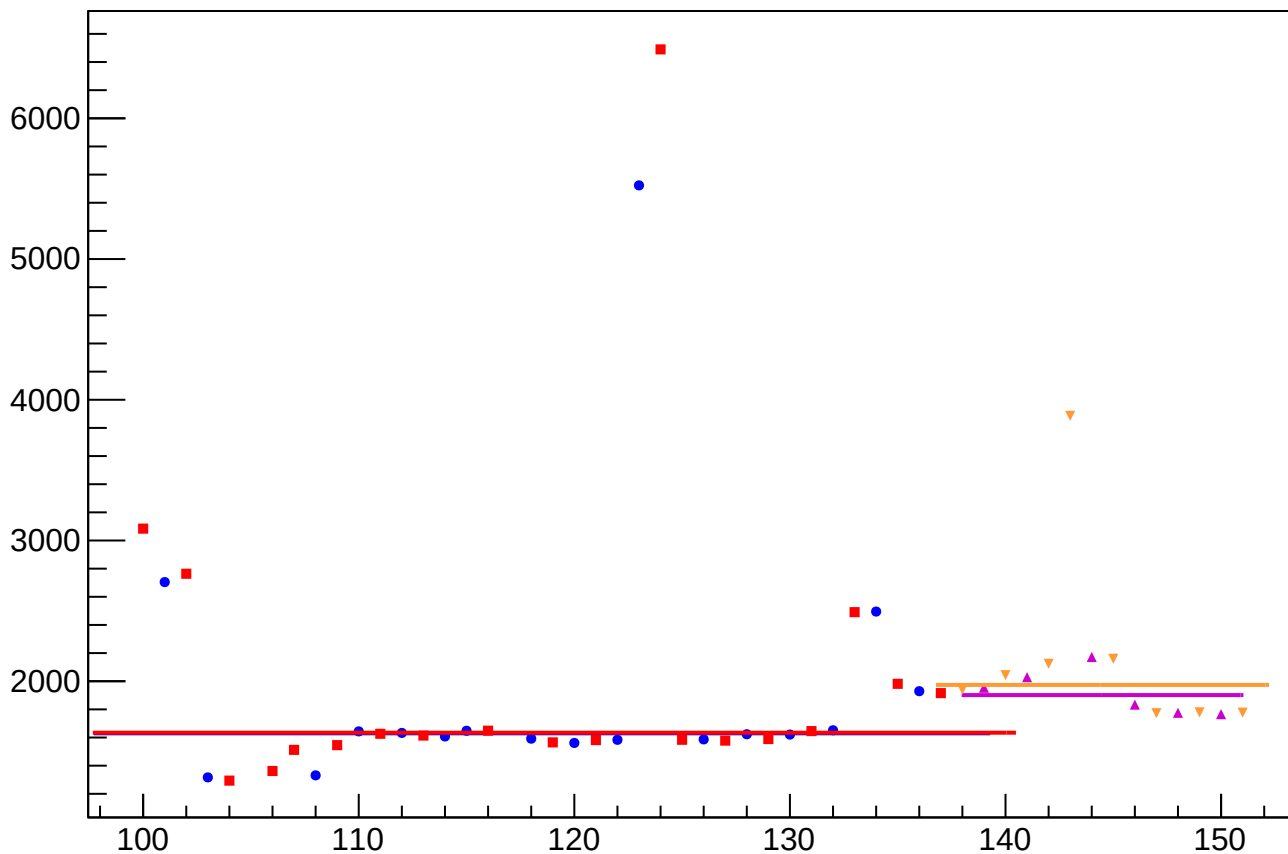
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -711.200+/-513.785 χ^2/NDF : 16.1/22

Out: 12.580+/-503.648 χ^2/NDF : 27.9/26

All: -342.100+/-359.663 χ^2/NDF : 45.0/49

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1973.764+/-0.587 χ^2/NDF : 450844.0/7

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

Left In: 1901.627+/-0.604 χ^2/NDF : 54920.6/5

Left: 1938.727+/-0.421 χ^2/NDF : 513096.2/13

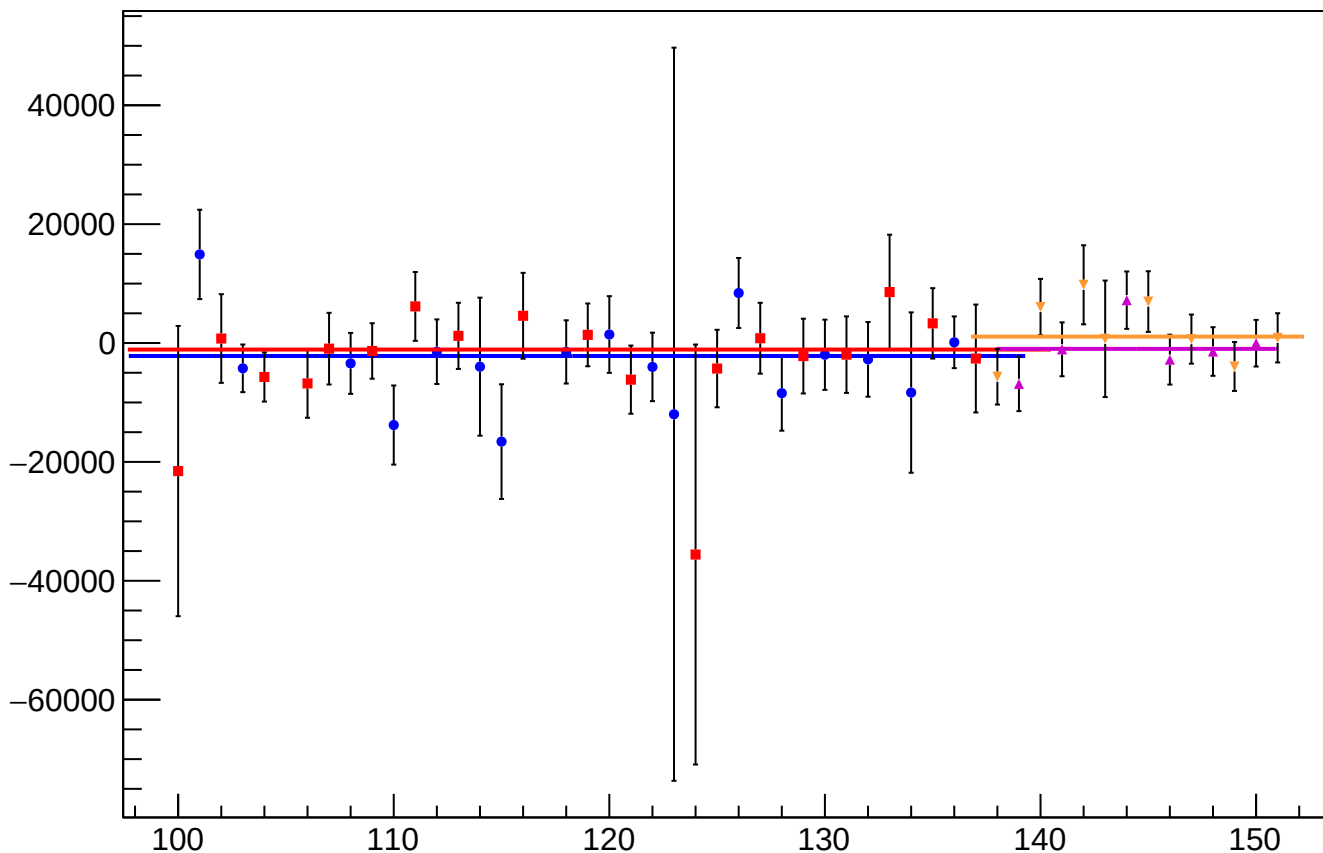
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1728.185+/-0.363 χ^2/NDF : 592156.1/22

Out: 1759.163+/-0.356 χ^2/NDF : 1250837.1/26

All: 1743.982+/-0.254 χ^2/NDF : 1846700.9/49

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: -982.512+/-1765.472 χ^2/NDF : 4.8/5

Left: 75.455+/-1232.218 χ^2/NDF : 13.2/13

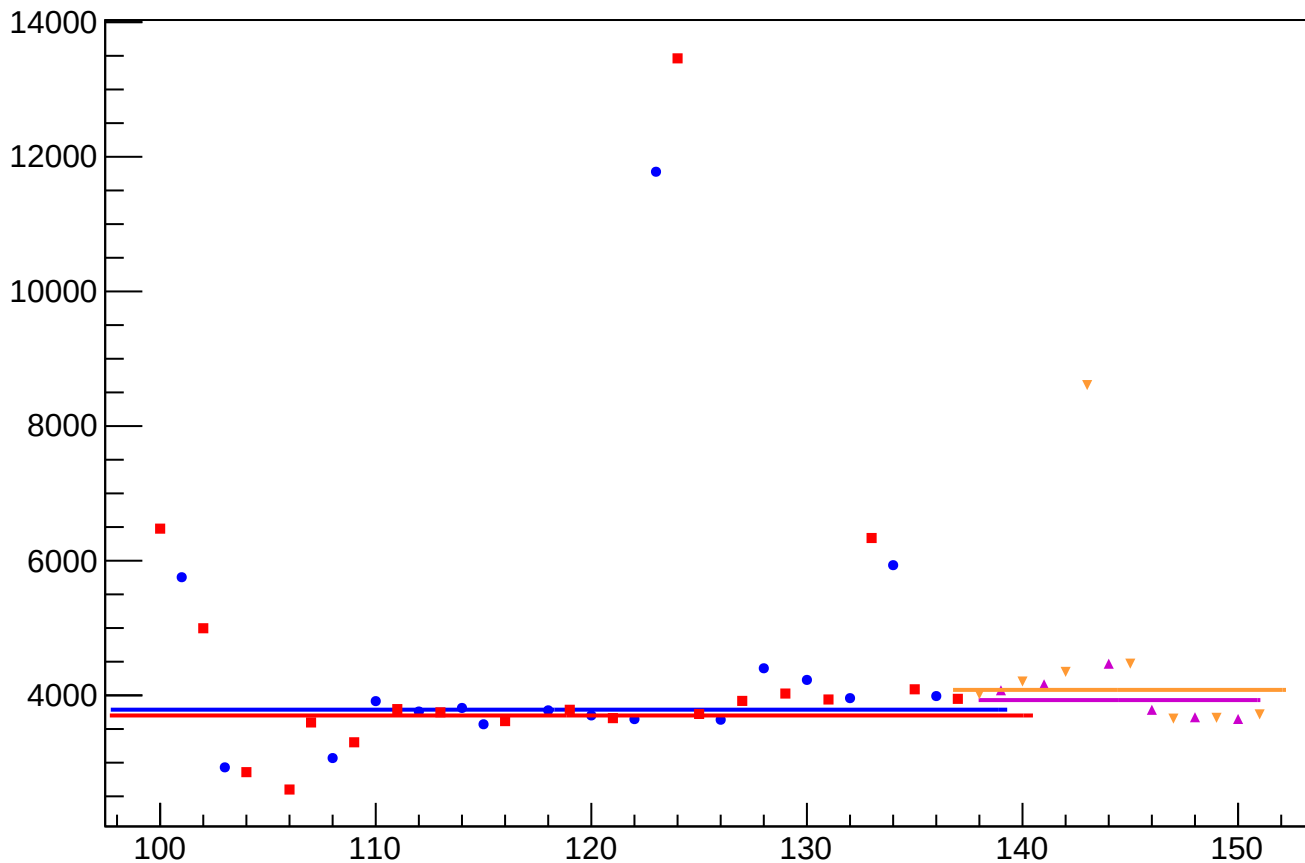
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1680.244+/-1140.021 χ^2/NDF : 21.0/22

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

All: -917.057+/-793.155 χ^2/NDF : 39.9/49

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4081.135+/-1.217 χ^2/NDF : 500986.9/7

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

Left In: 3929.694+/-1.248 χ^2/NDF : 52785.6/5

Left: 4007.362+/-0.871 χ^2/NDF : 561319.8/13

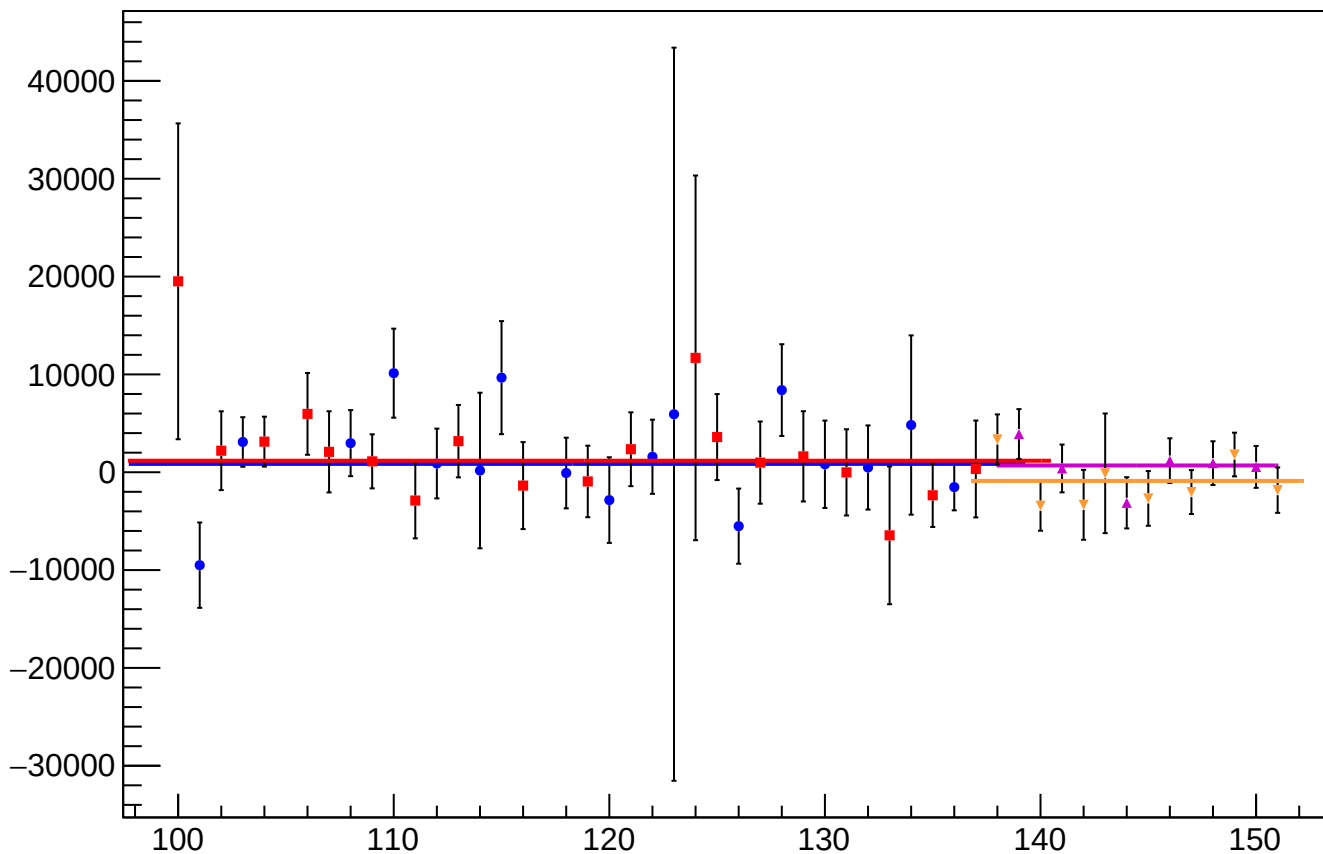
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3846.675+/-0.806 χ^2/NDF : 453021.8/22

Out: 3857.512+/-0.781 χ^2/NDF : 1139518.0/26

All: 3852.266+/-0.561 χ^2/NDF : 1592633.0/49

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: 691.773 ± 963.039 χ^2/NDF : 3.8/5

Left: -113.064 ± 674.031 χ^2/NDF : 11.7/13

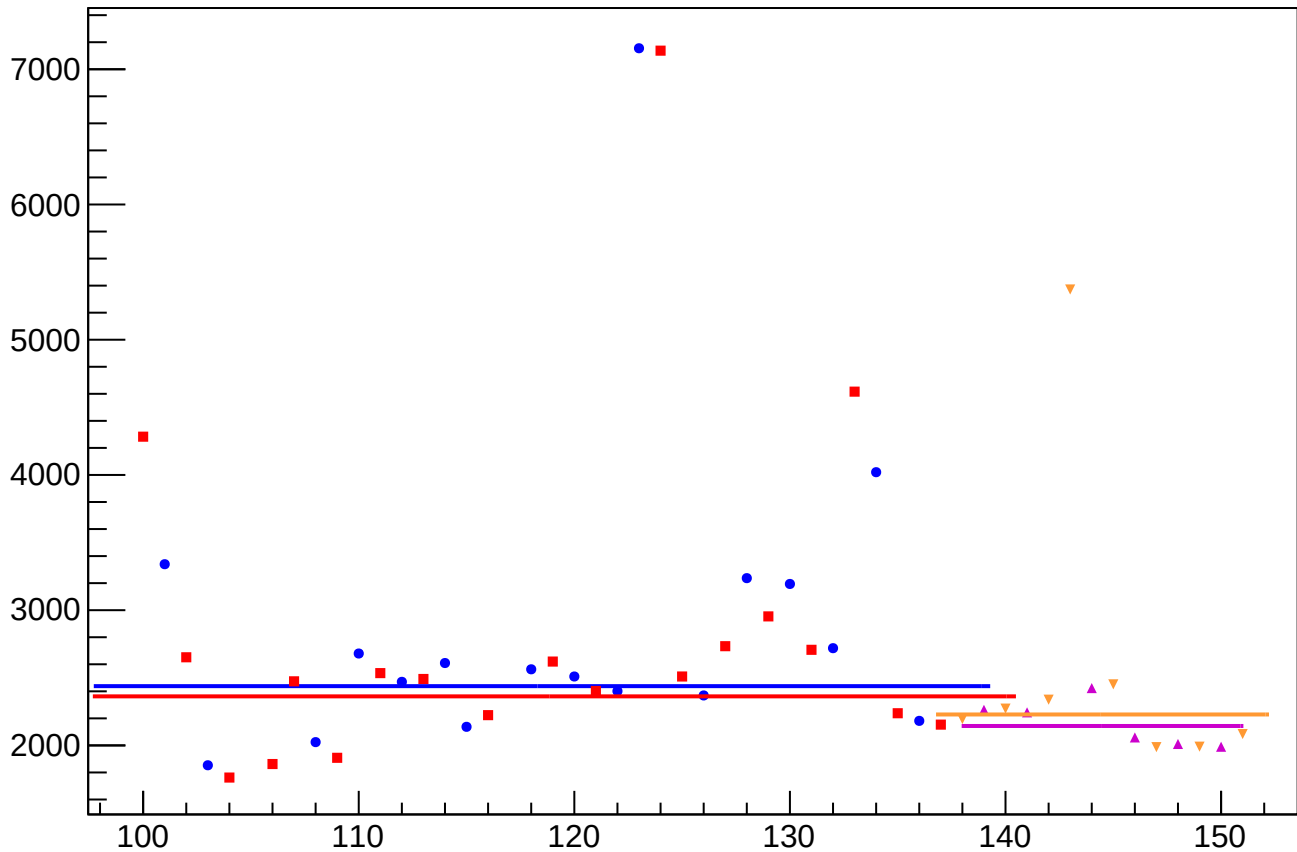
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 773.835 ± 681.573 χ^2/NDF : 24.5/22

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

All: 460.516 ± 474.442 χ^2/NDF : 42.4/49

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2228.836 ± 0.667 $\chi^2/\text{NDF}: 597316.9/7$

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

Left In: 2143.705 ± 0.681 $\chi^2/\text{NDF}: 50851.3/5$

Left: 2187.133 ± 0.477 $\chi^2/\text{NDF}: 656140.8/13$

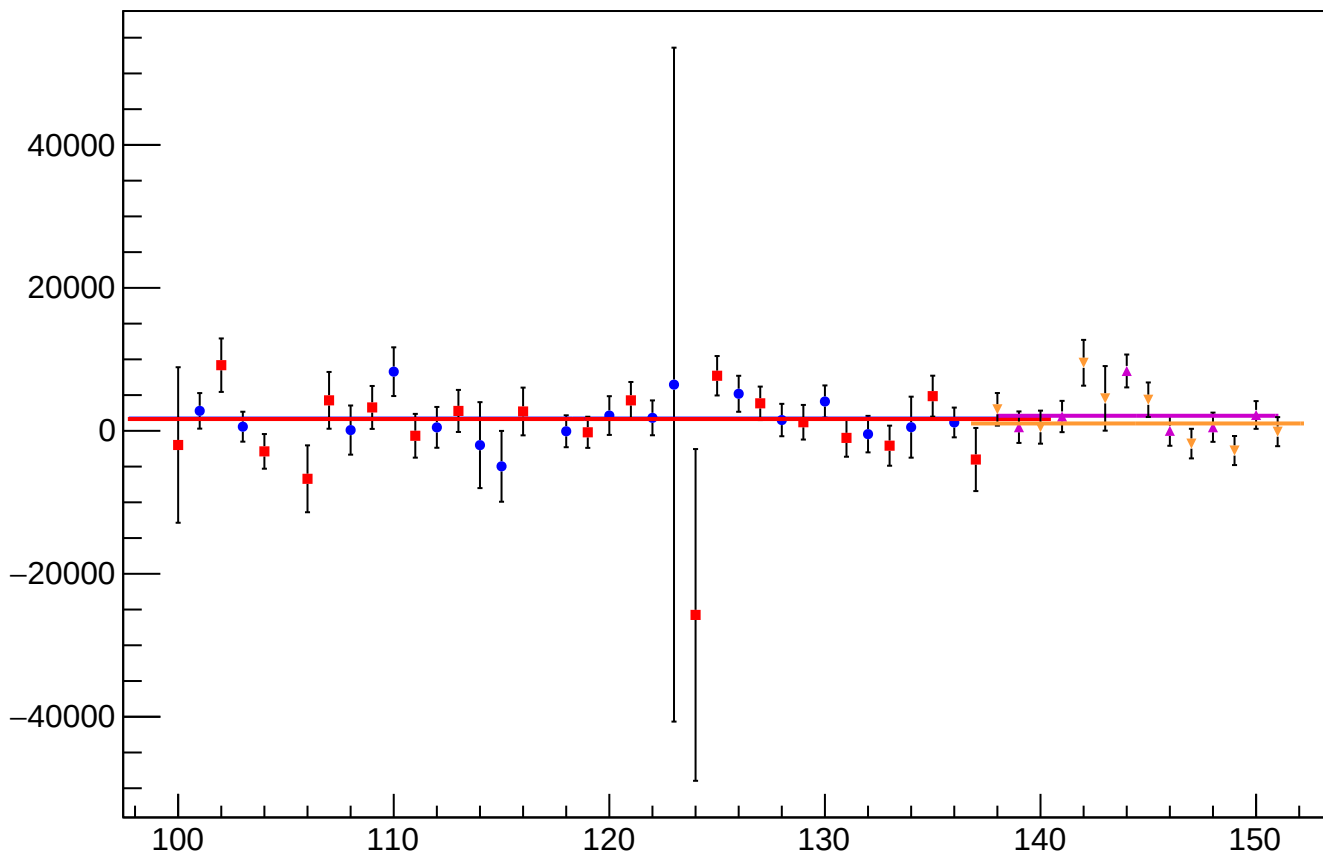
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2290.730 ± 0.482 $\chi^2/\text{NDF}: 620969.3/22$

Out: 2297.079 ± 0.467 $\chi^2/\text{NDF}: 1275363.9/26$

All: 2294.003 ± 0.335 $\chi^2/\text{NDF}: 1896422.6/49$

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: 2108.676+/-864.846 χ^2/NDF : 9.6/5

Left: 1555.050+/-602.861 χ^2/NDF : 26.3/13

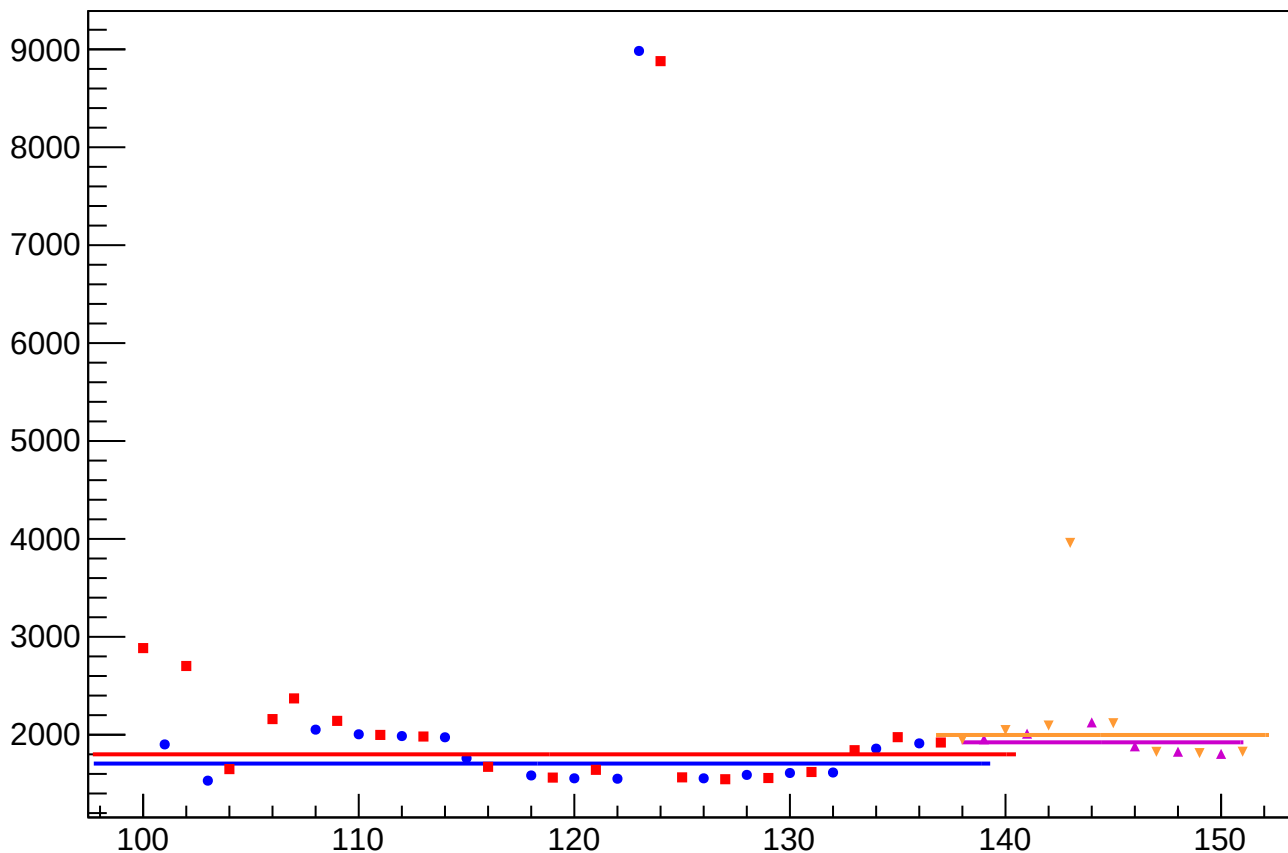
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 1860.342+/-528.242 χ^2/NDF : 21.1/22

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

All: 1633.090+/-376.015 χ^2/NDF : 64.7/49

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: 1922.597+/-0.612 χ^2/NDF : 31860.4/5

Left: 1961.171+/-0.426 χ^2/NDF : 469720.9/13

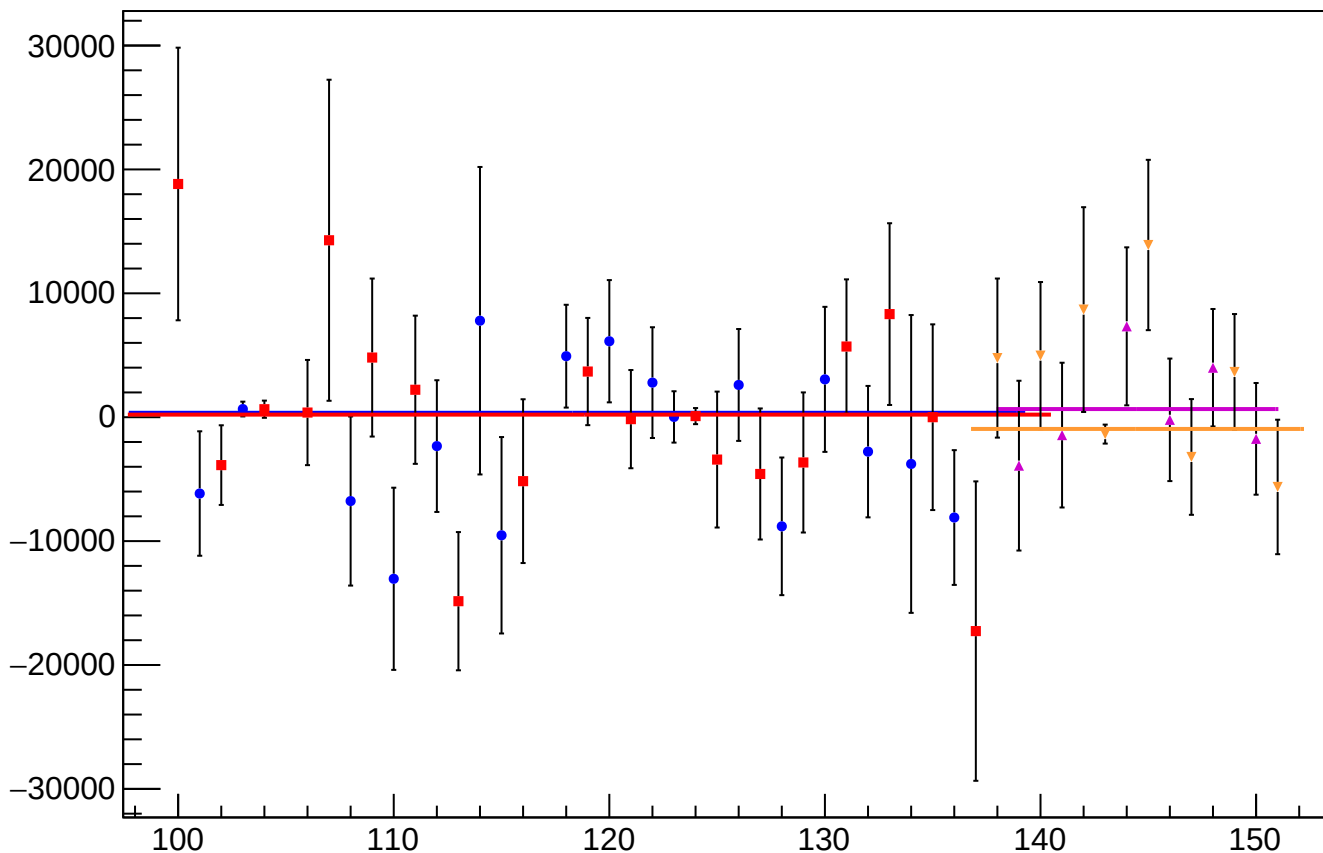
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1786.570+/-0.374 χ^2/NDF : 304954.1/22

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

All: 1832.675+/-0.266 χ^2/NDF : 1370520.9/49

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: 658.162+/-2183.132 χ^2/NDF :2.5/5

Left: -787.954+/-685.588 χ^2/NDF : 13.0/13

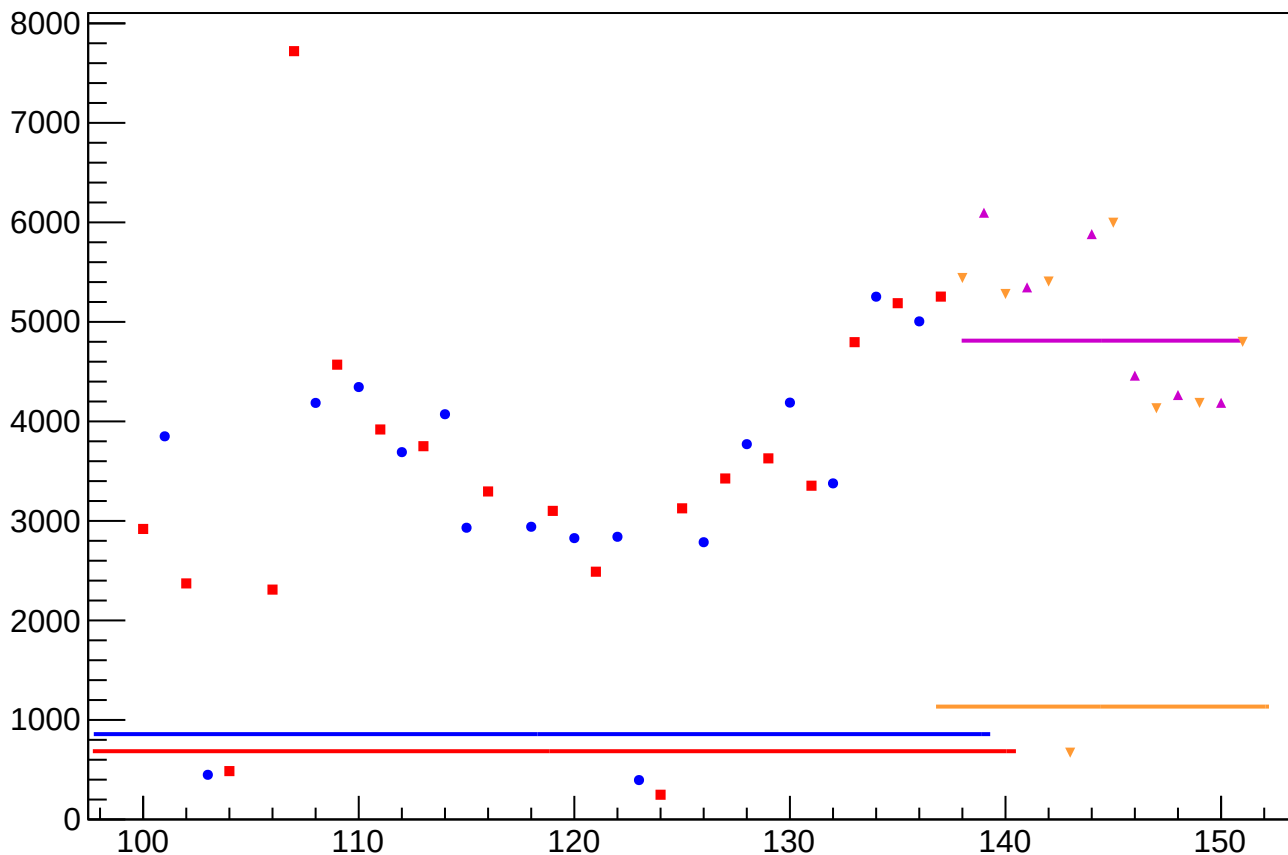
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 373.977+/-517.983 χ^2/NDF :20.0/22

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

All: 59.267+/-306.312 χ^2/NDF : 53.8/49

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: 4811.519 $\pm$ 1.544 χ^2 /NDF: 218658.5/5

Left: 1496.814 $\pm$ 0.485 χ^2 /NDF: 12061938.0/13

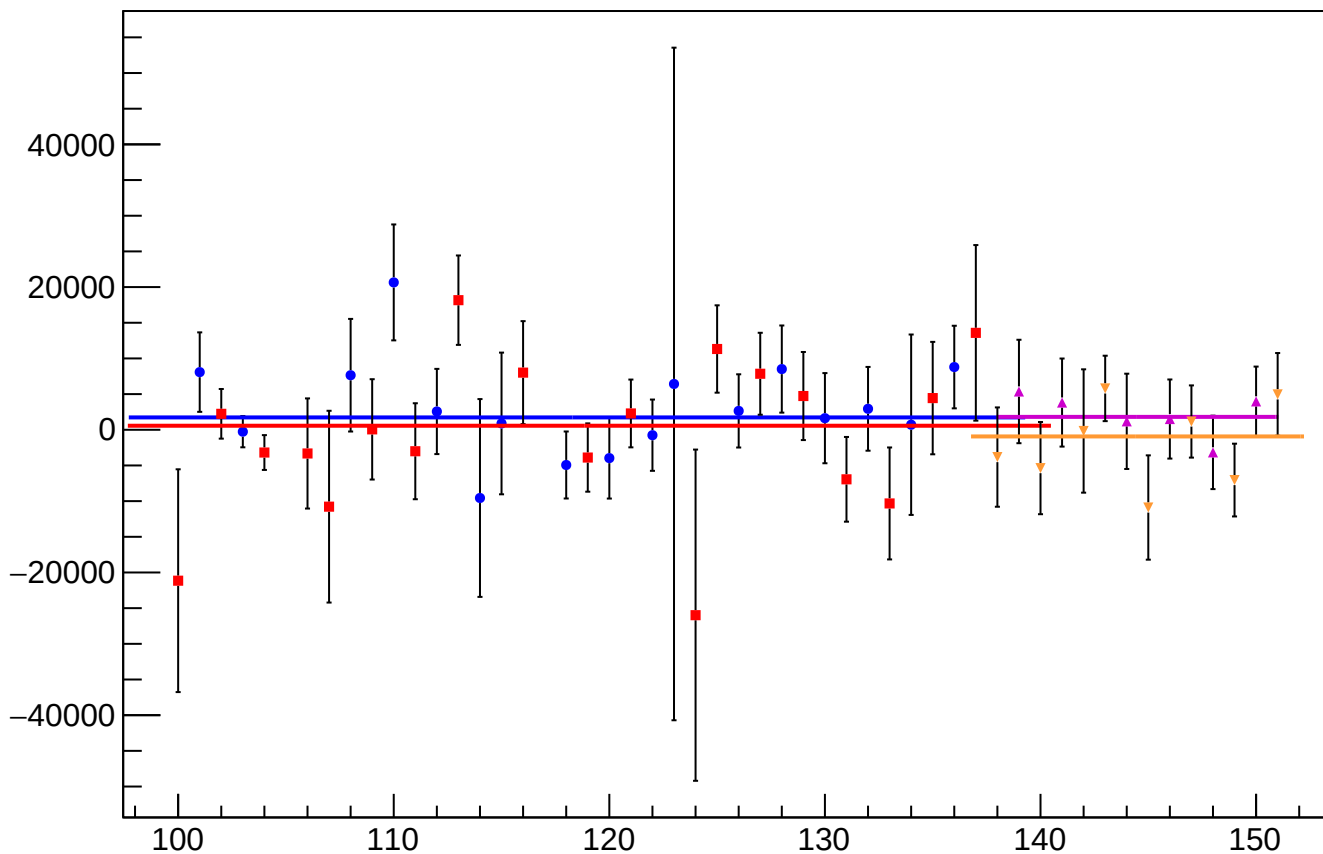
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1080.066 $\pm$ 0.366 χ^2 /NDF: 14585337.9/22

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

All: 904.348 $\pm$ 0.217 χ^2 /NDF: 31686246.0/49

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: 1807.887+/-2356.725 χ^2/NDF : 1.5/5

Left: 265.744+/-1558.644 χ^2/NDF : 9.6/13

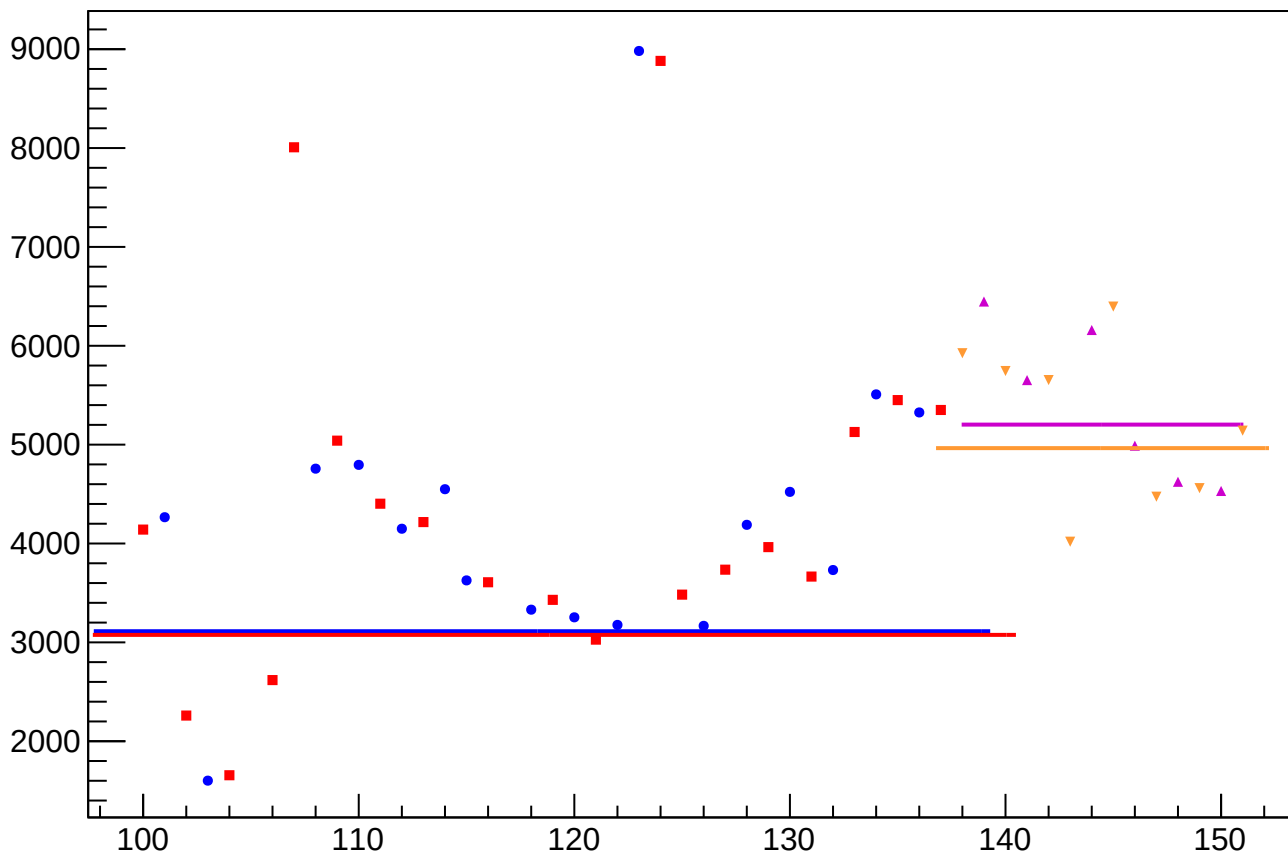
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1750.774+/-1141.393 χ^2/NDF : 16.4/22

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

All: 917.024+/-789.693 χ^2/NDF : 52.2/49

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 4964.710+/-1.469 χ^2/NDF : 275144.6/7

Right Out: 3075.702+/-0.896 χ^2/NDF : 2011000.5/18

Left In: 5202.638+/-1.666 χ^2/NDF : 176794.6/5

Left: 5068.779+/-1.102 χ^2/NDF : 463407.6/13

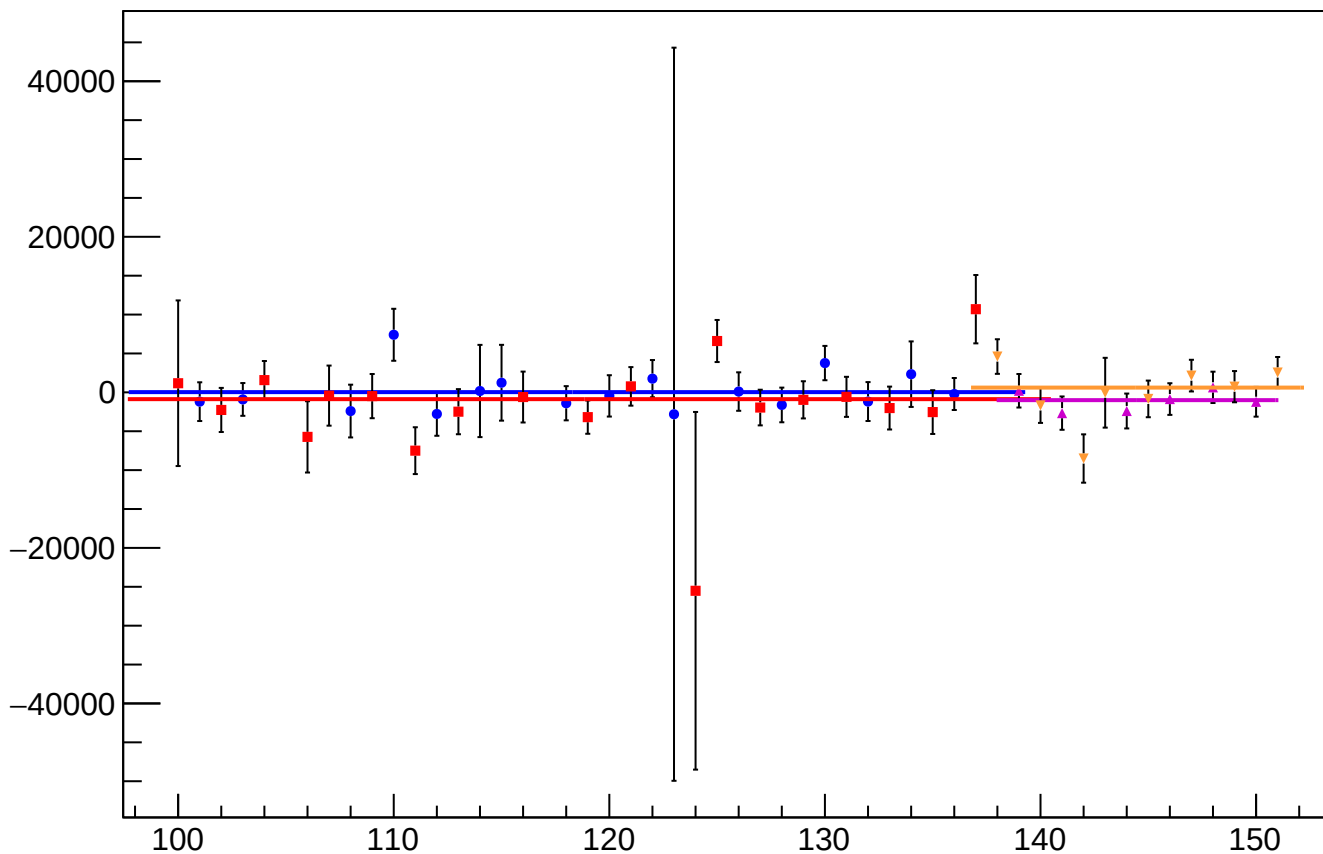
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 3602.900+/-0.807 χ^2/NDF : 3265225.8/22

Out: 3588.044+/-0.765 χ^2/NDF : 3490628.9/26

All: 3595.077+/-0.555 χ^2/NDF : 6756033.1/49

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 611.809 ± 824.170 χ^2/NDF : 14.8/7

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

Left In: -1002.010 ± 846.988 χ^2/NDF : 2.0/5

Left: -173.069 ± 590.679 χ^2/NDF : 18.6/13

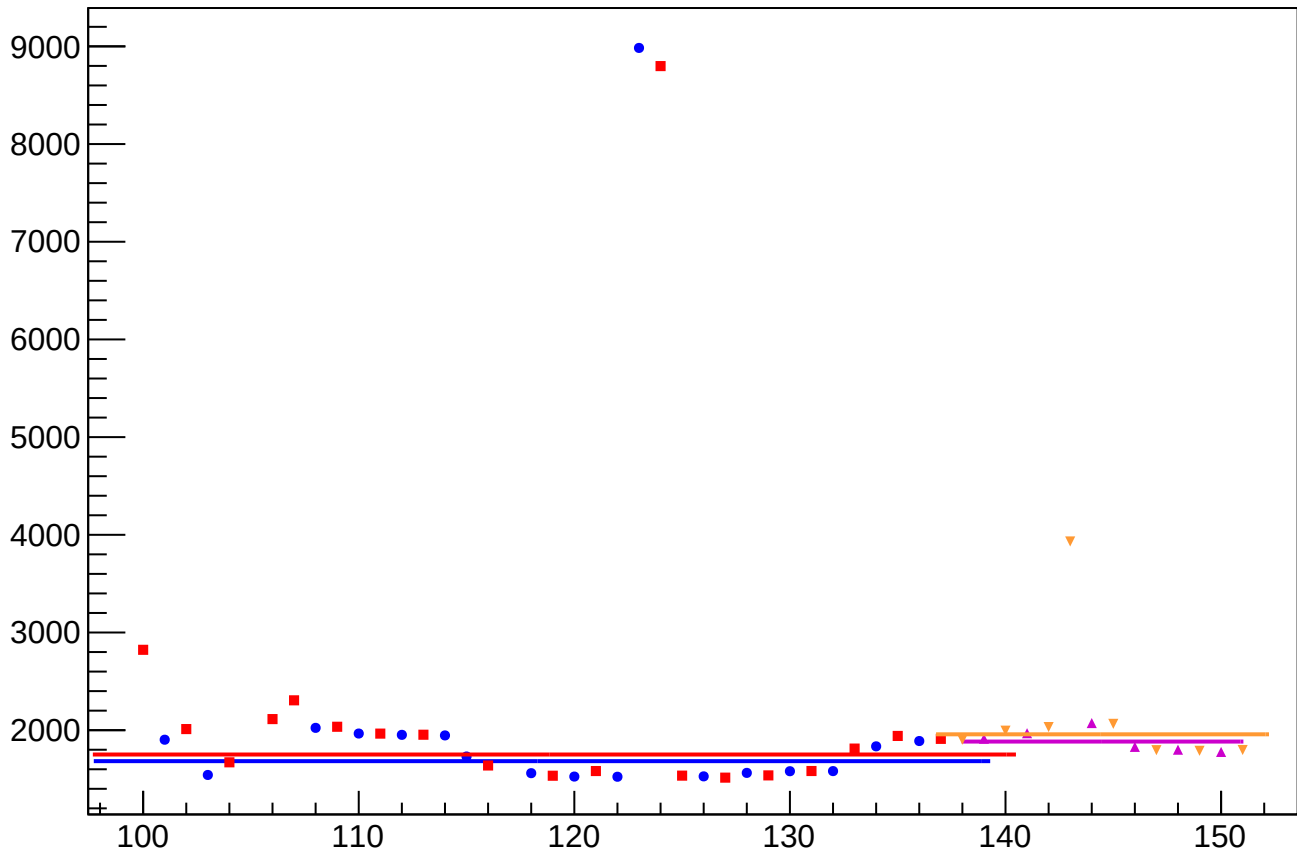
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -359.279 ± 519.821 χ^2/NDF : 14.7/22

Out: -279.597 ± 521.409 χ^2/NDF : 42.4/26

All: -319.560 ± 368.129 χ^2/NDF : 57.1/49

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: 1883.588+/-0.599 χ^2/NDF : 28815.0/5

Left: 1921.723+/-0.418 χ^2/NDF : 470620.1/13

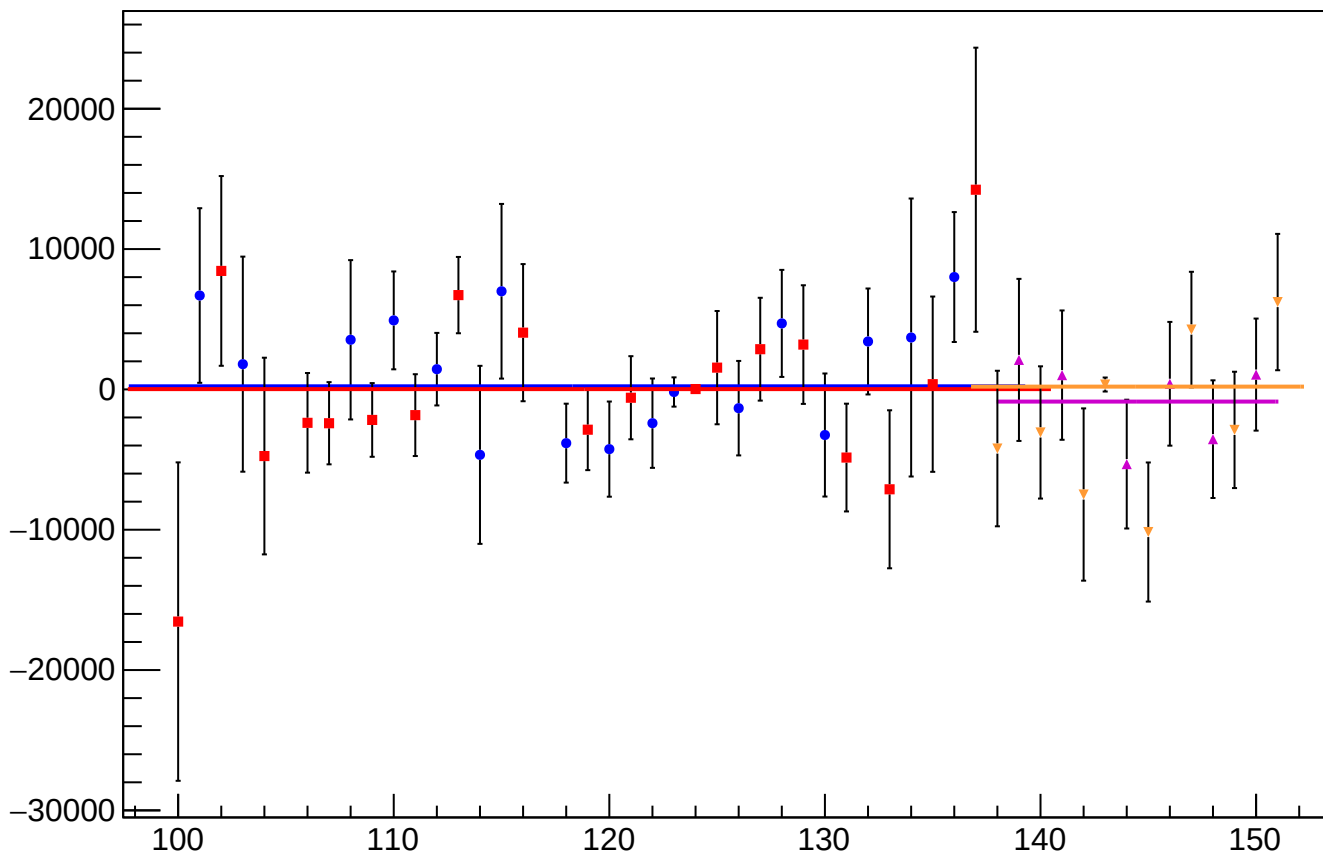
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1758.631+/-0.368 χ^2/NDF : 294506.9/22

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

All: 1796.058+/-0.260 χ^2/NDF : 1251874.9/49

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: -868.757 $\pm$ 1839.266 χ^2 /NDF:2.1/5

Left: 129.465 $\pm$ 465.673 χ^2 /NDF: 12.6/13

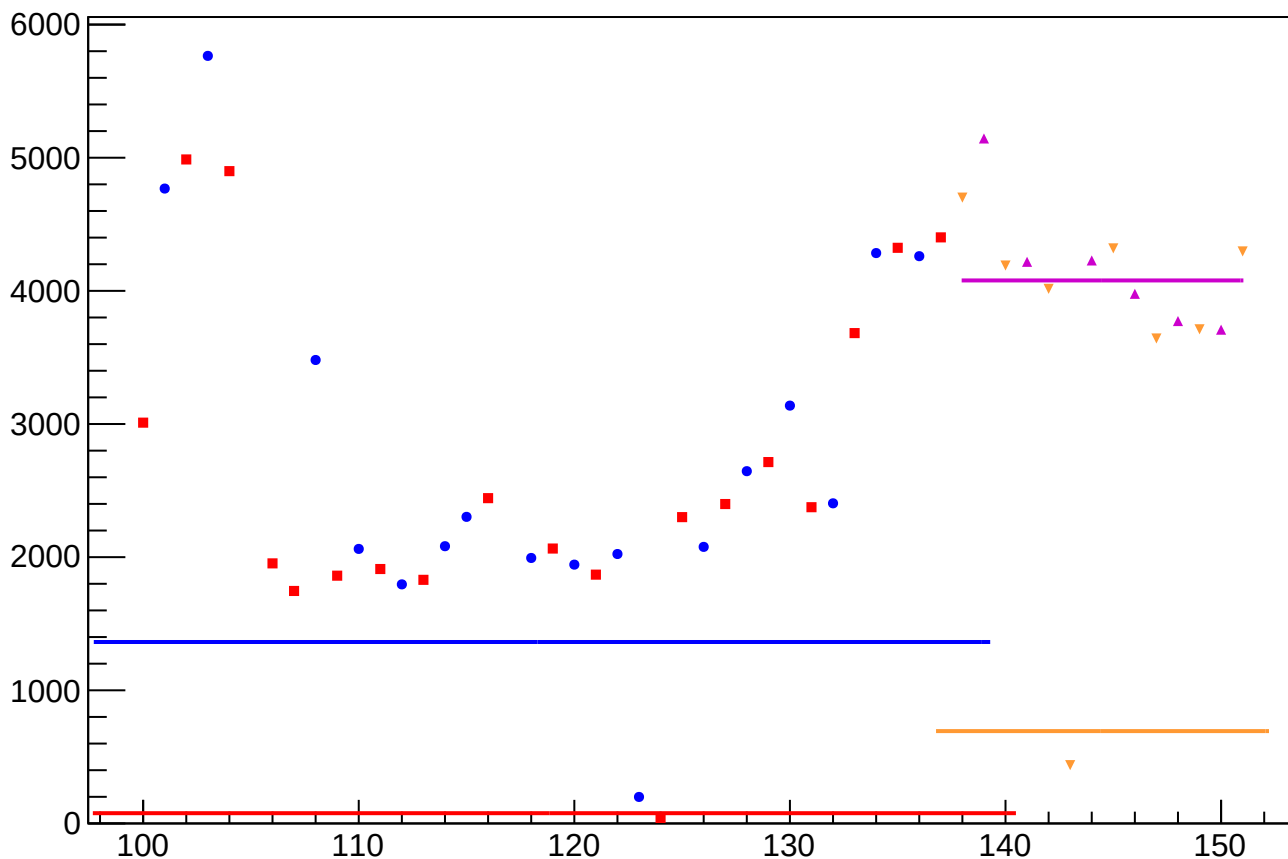
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 74.842 $\pm$ 671.198 χ^2 /NDF:18.2/22

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

All: 30.921 $\pm$ 109.561 χ^2 /NDF: 49.3/49

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: 4078.332 $\pm$ 1.301 χ^2/NDF : 100955.6/5

Left: 910.593 $\pm$ 0.329 χ^2/NDF : 13951726.6/13

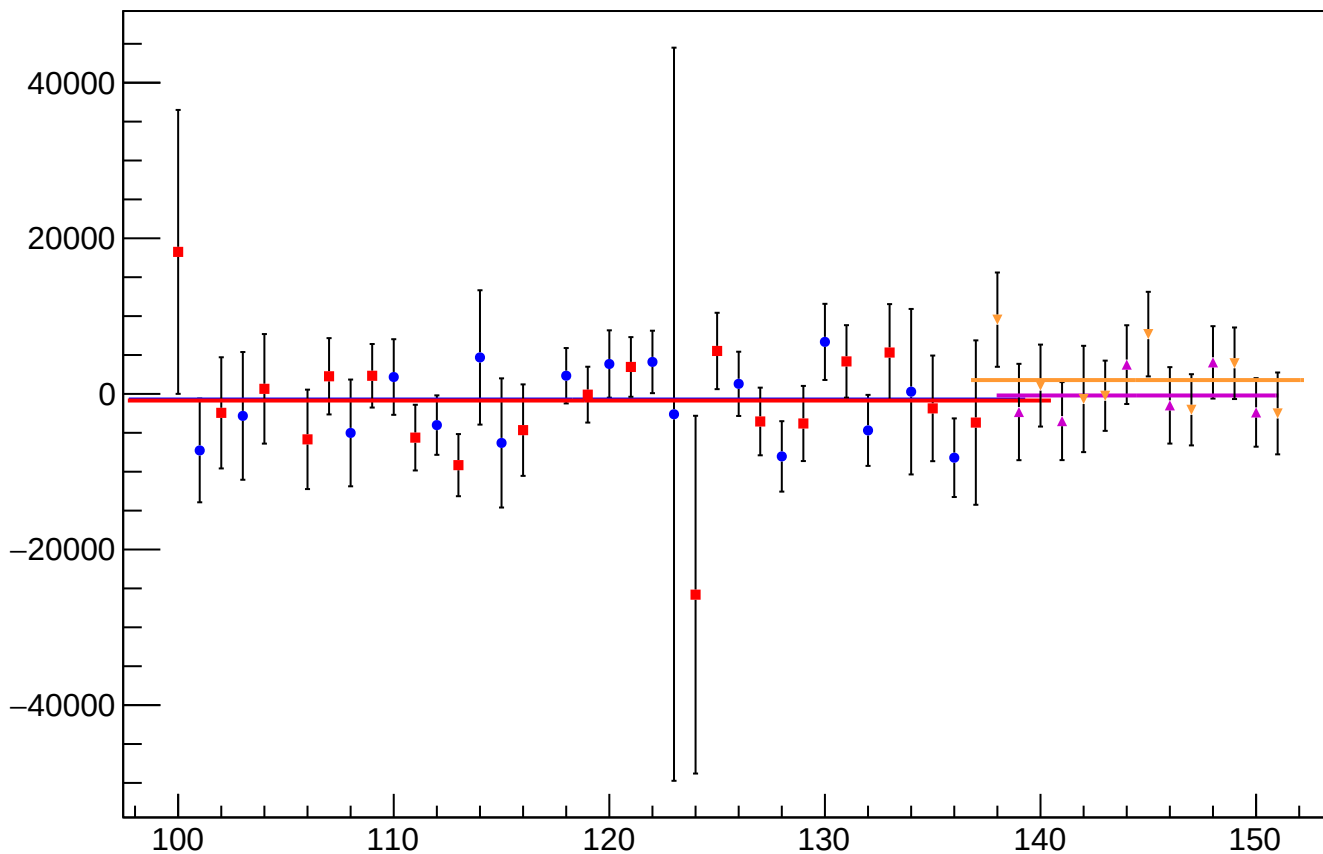
Right: 108.564 $\pm$ 0.080 χ^2/NDF : 25689718.3/35

In: 1724.469 $\pm$ 0.475 χ^2/NDF : 10115745.3/22

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

All: 152.960 $\pm$ 0.077 χ^2/NDF : 45245686.7/49

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: -201.434+/-2024.246 χ^2/NDF : 2.3/5

Left: 888.168+/-1357.258 χ^2/NDF : 7.6/13

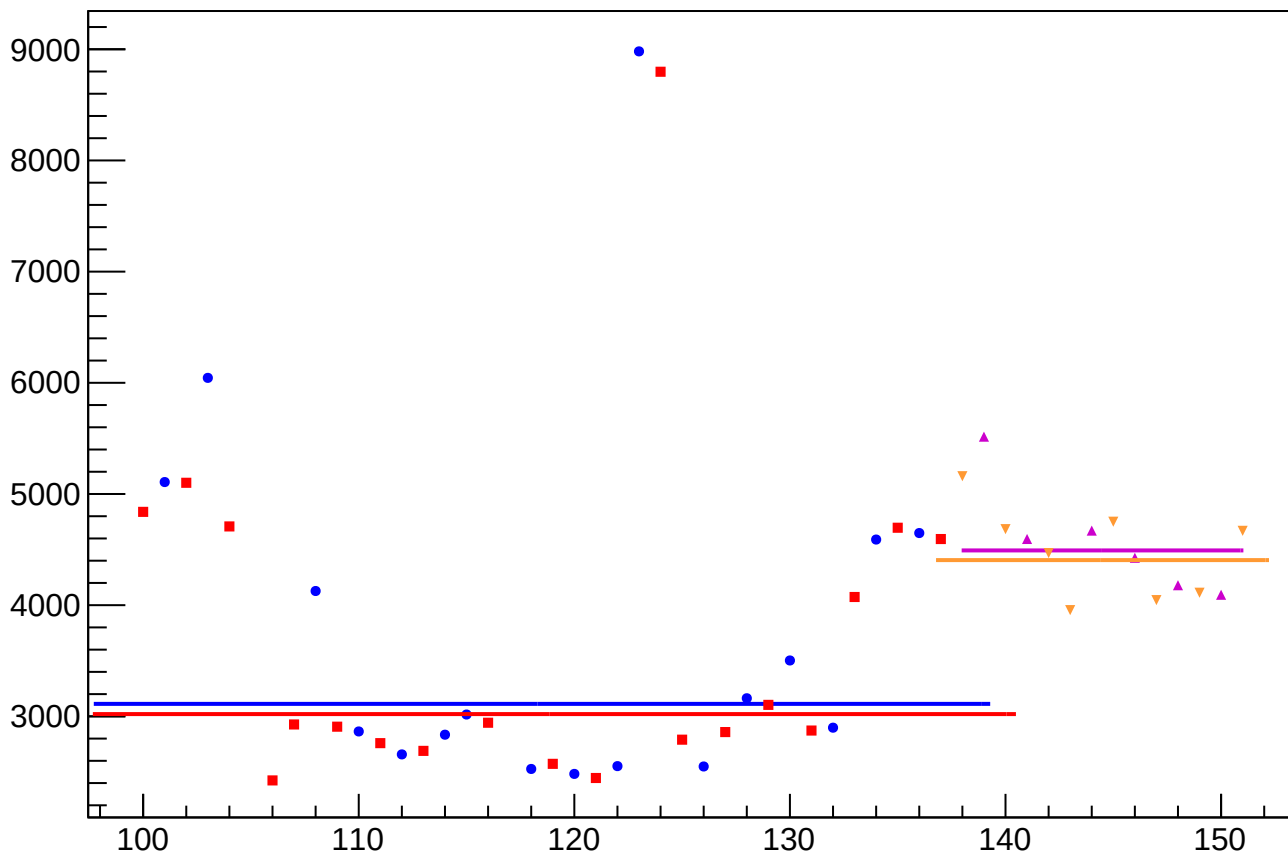
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -577.501+/-1065.111 χ^2/NDF : 17.1/22

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

All: -305.686+/-728.516 χ^2/NDF : 39.4/49

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4405.345+/-1.294 χ^2/NDF : 90221.6/7

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

Left In: 4492.437+/-1.431 χ^2/NDF : 83752.0/5

Left: 4444.499+/-0.960 χ^2/NDF : 176011.4/13

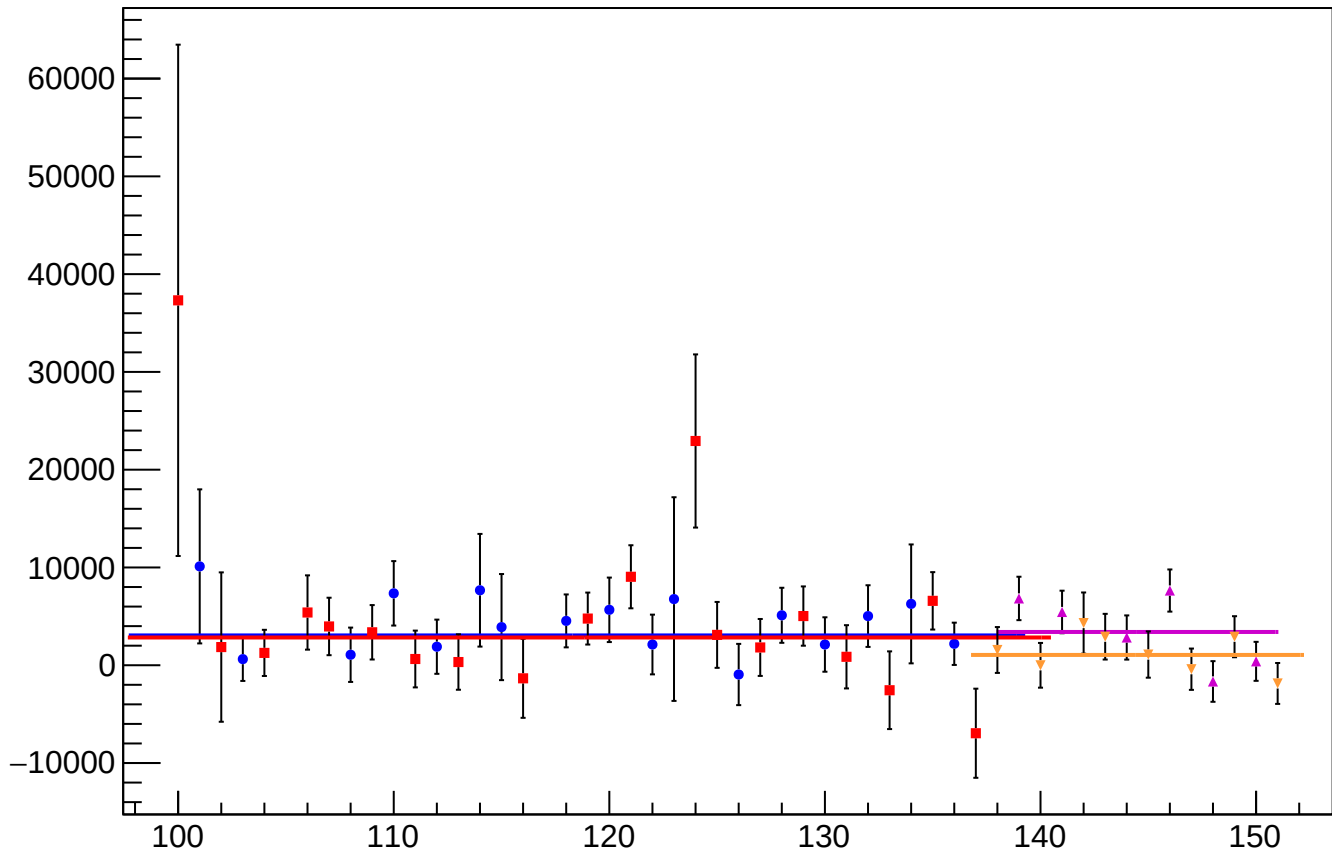
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3494.355+/-0.753 χ^2/NDF : 1714627.3/22

Out: 3425.842+/-0.700 χ^2/NDF : 1695133.7/26

All: 3457.593+/-0.513 χ^2/NDF : 3414201.4/49

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1054.481 $\pm$ 812.161 χ^2 /NDF:5.2/7

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

Left In: 3403.340 $\pm$ 874.362 χ^2 /NDF:15.4/5

Left: 2142.399 $\pm$ 595.060 χ^2 /NDF: 24.5/13

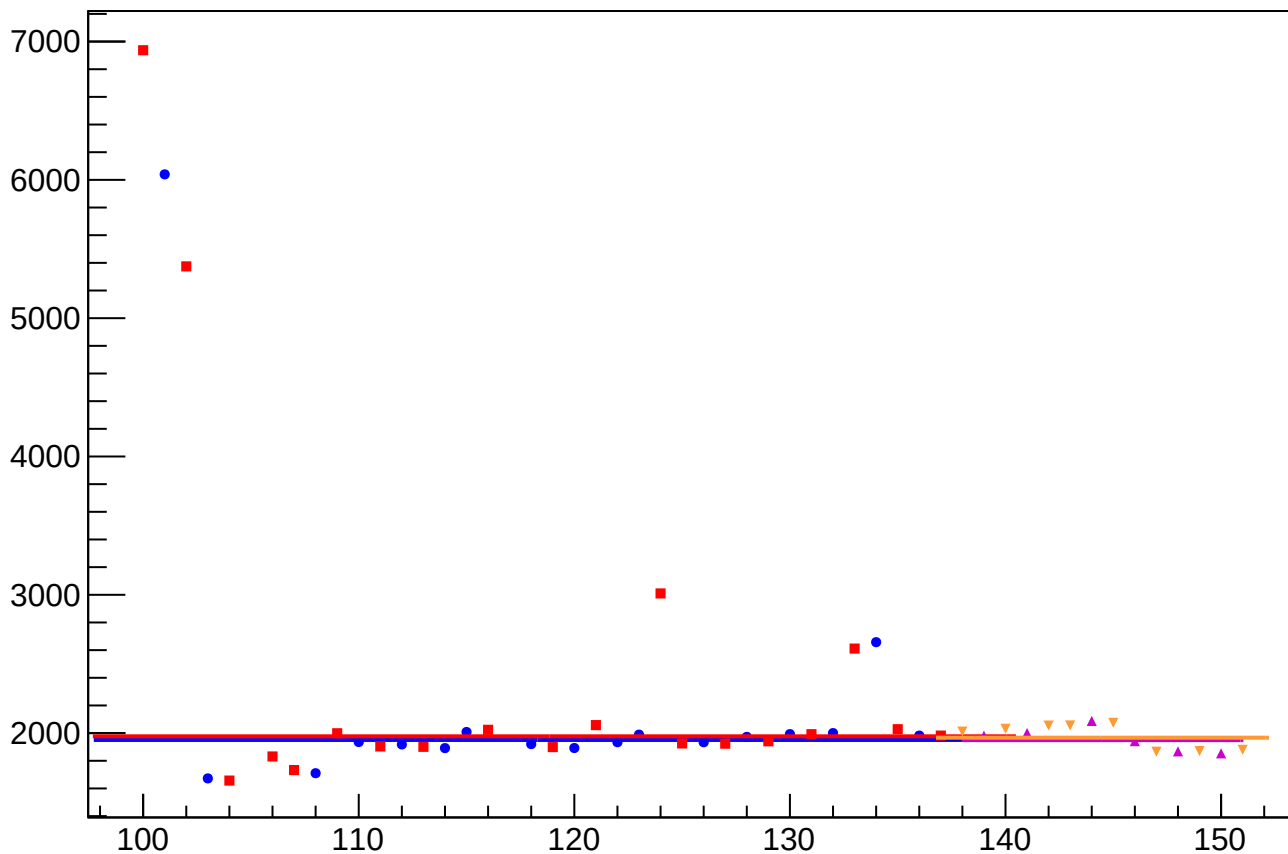
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 3204.343 $\pm$ 578.844 χ^2 /NDF:24.8/22

Out: 1998.882 $\pm$ 557.204 χ^2 /NDF:31.5/26

All: 2578.658 $\pm$ 401.435 χ^2 /NDF: 58.5/49

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: 1949.475+/-0.618 χ^2/NDF : 16740.2/5

Left: 1958.900+/-0.421 χ^2/NDF : 40366.8/13

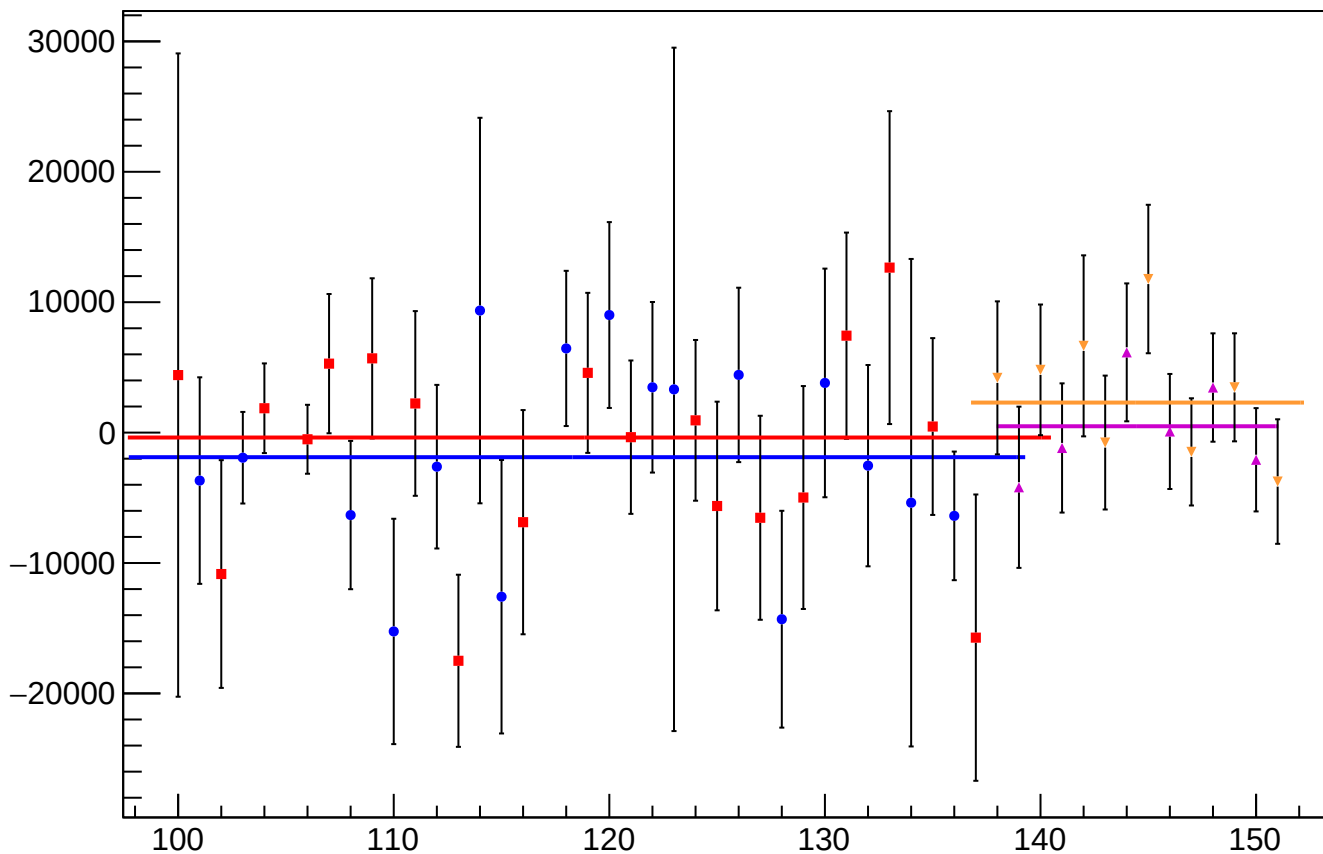
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1950.159+/-0.409 χ^2/NDF : 631907.6/22

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

All: 1961.655+/-0.284 χ^2/NDF : 1264486.1/49

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2302.892 $\pm$ 1768.401 χ^2 /NDF:6.4/7

Right Out: -376.861 $\pm$ 1359.615 χ^2 /NDF: 17.6/18

Left In: 486.495 $\pm$ 1904.394 χ^2 /NDF:2.8/5

Left: 1461.857 $\pm$ 1295.861 χ^2 /NDF: 9.7/13

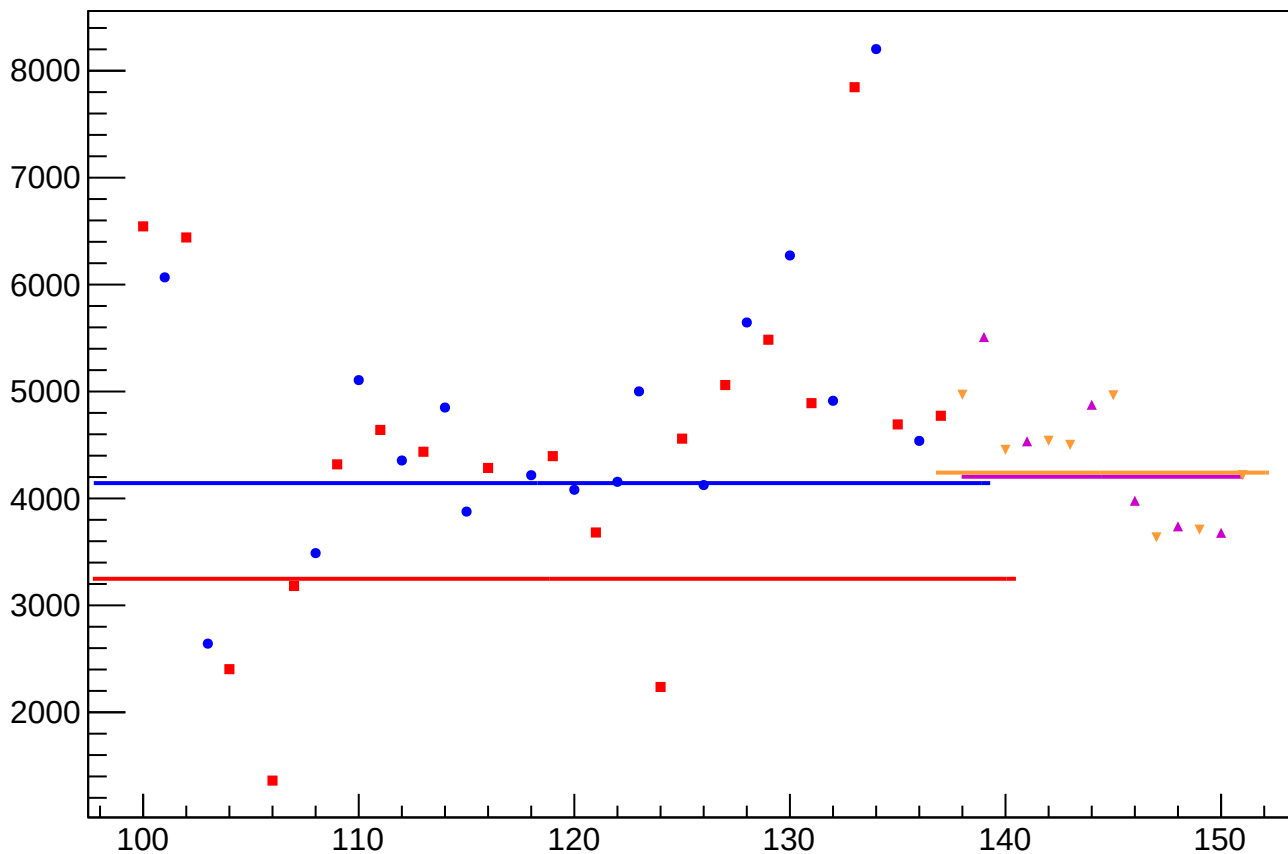
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: -862.673 $\pm$ 1250.475 χ^2 /NDF:17.8/22

Out: 618.692 $\pm$ 1077.868 χ^2 /NDF:25.5/26

All: -12.773 $\pm$ 816.429 χ^2 /NDF: 44.0/49

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: 4202.947+/-1.347 χ^2/NDF : 195888.5/5

Left: 4223.659+/-0.916 χ^2/NDF : 348471.7/13

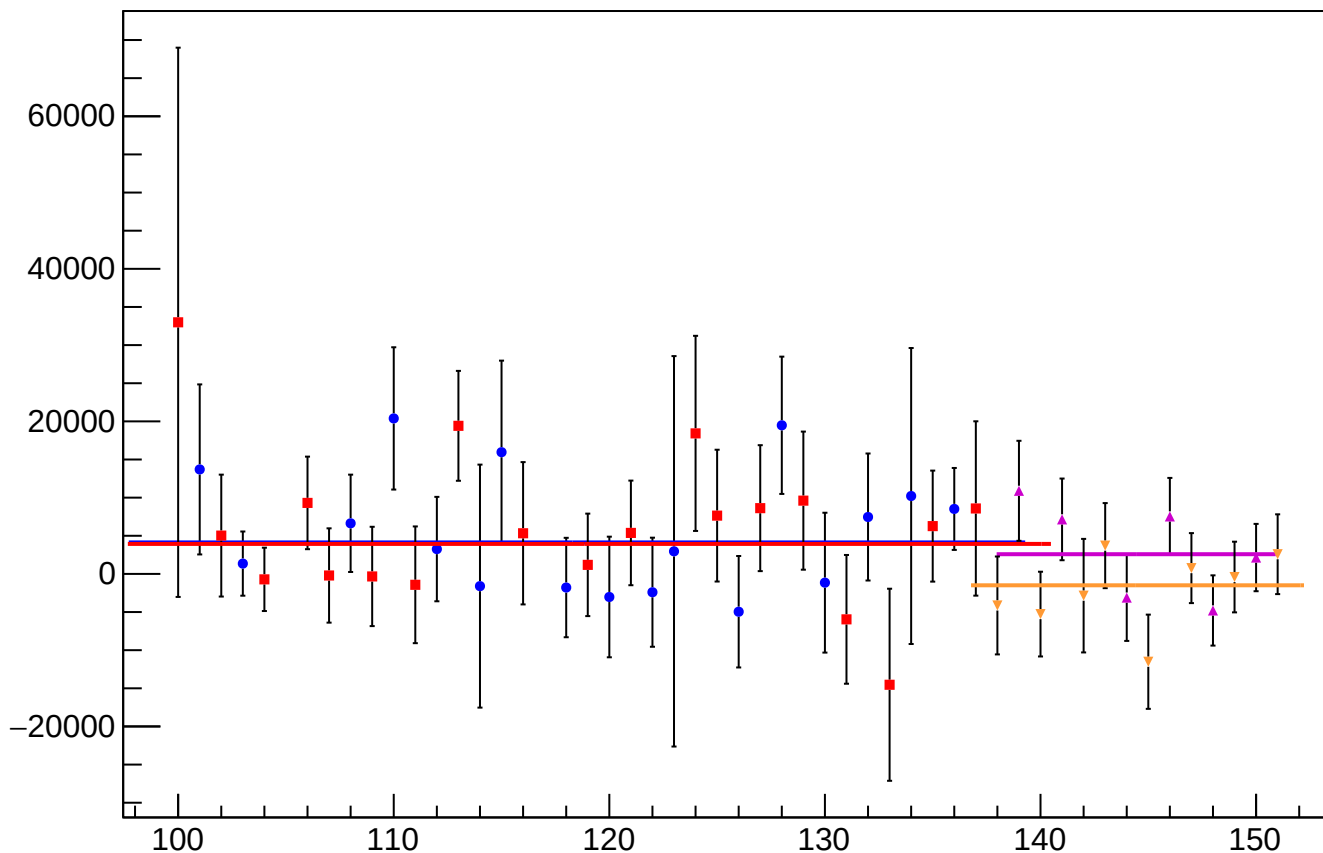
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4169.119+/-0.884 χ^2/NDF : 1052970.5/22

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

All: 3852.639+/-0.577 χ^2/NDF : 4442421.2/49

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: 2583.499 $\pm$ 2099.558 χ^2 /NDF: 6.9/5

Left: 392.296 $\pm$ 1427.755 χ^2 /NDF: 14.0/13

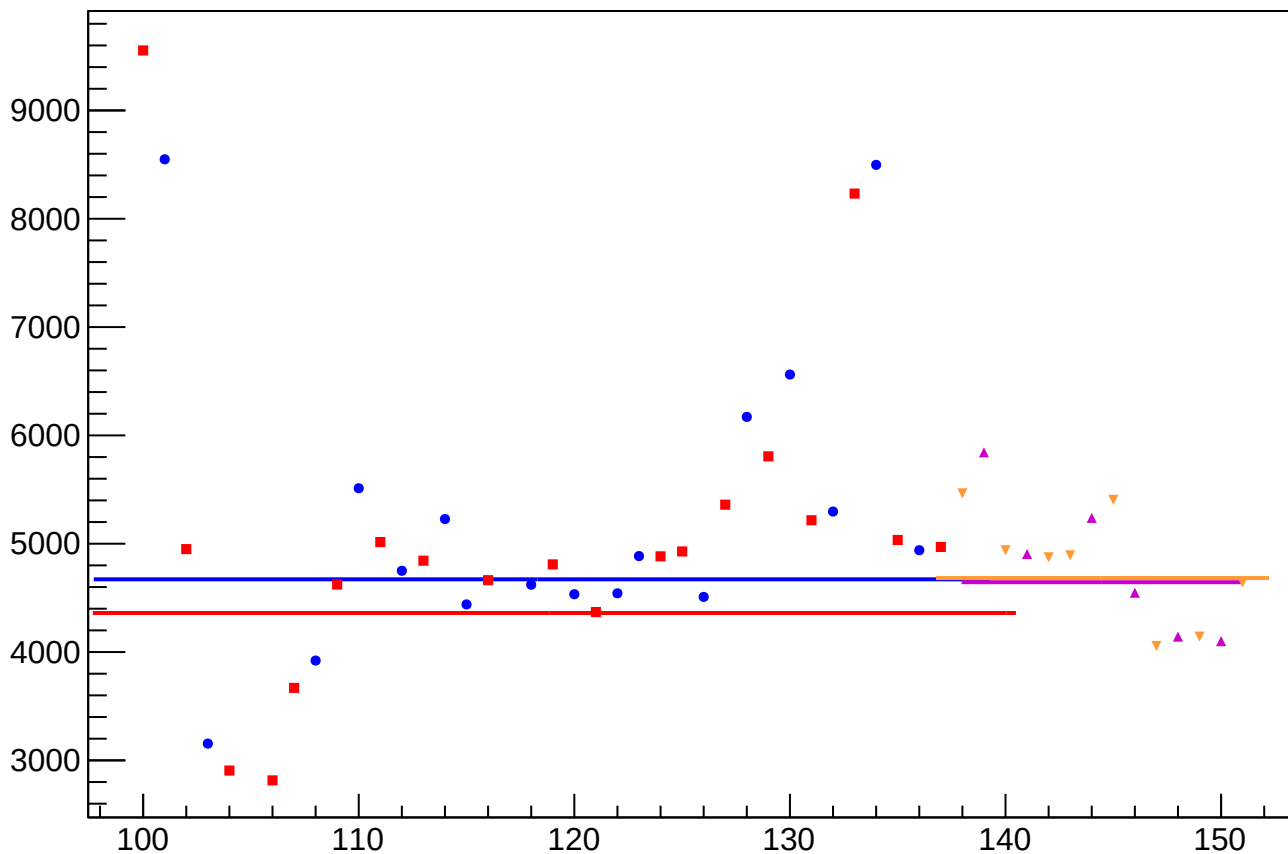
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3446.835 $\pm$ 1393.528 χ^2 /NDF: 20.9/22

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

All: 2424.720 $\pm$ 947.227 χ^2 /NDF: 46.2/49

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: 4644.819+/-1.485 χ^2/NDF :148432.0/5

Left: 4665.410+/-1.010 χ^2/NDF : 278874.5/13

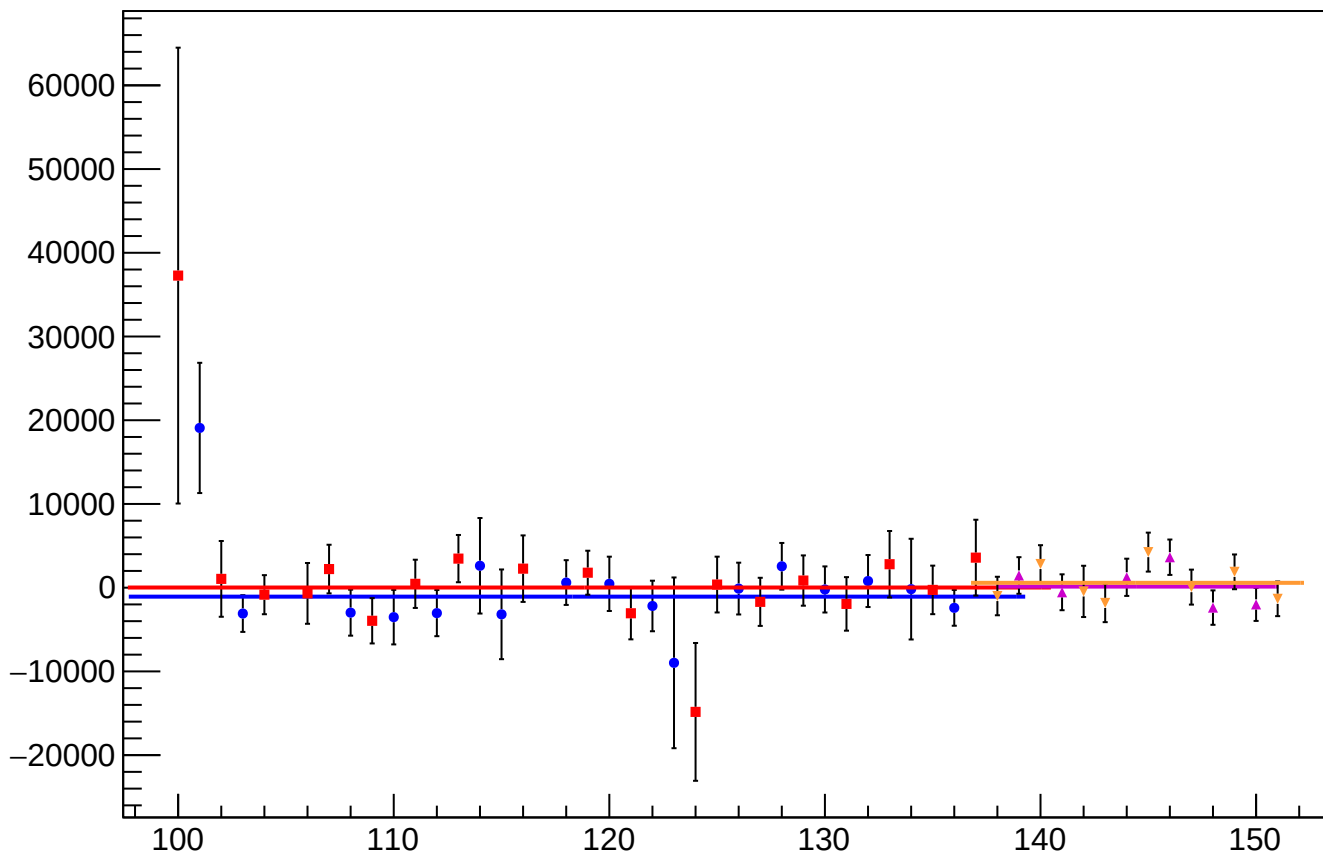
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4659.645+/-0.985 χ^2/NDF :934722.3/22

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

All: 4574.310+/-0.669 χ^2/NDF : 1943731.9/49

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 579.522+/-799.979 χ^2/NDF : 6.5/7

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

Left In: 129.636+/-861.682 χ^2/NDF : 6.1/5

Left: 371.262+/-586.272 χ^2/NDF : 12.7/13

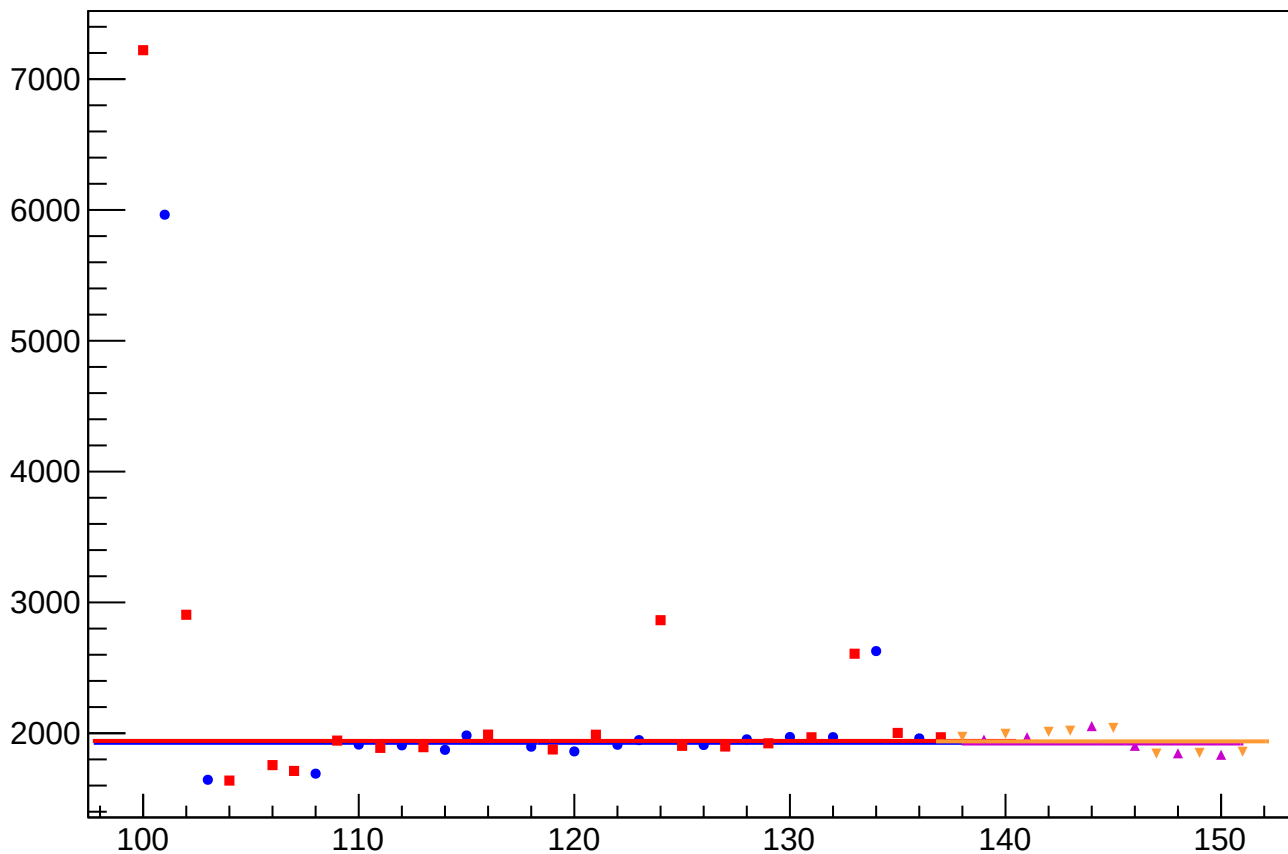
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -543.505+/-571.228 χ^2/NDF : 20.9/22

Out: 280.508+/-546.294 χ^2/NDF : 20.0/26

All: -113.123+/-394.809 χ^2/NDF : 42.0/49

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: 1921.533+/-0.609 χ^2/NDF : 15177.5/5

Left: 1930.293+/-0.415 χ^2/NDF : 35437.9/13

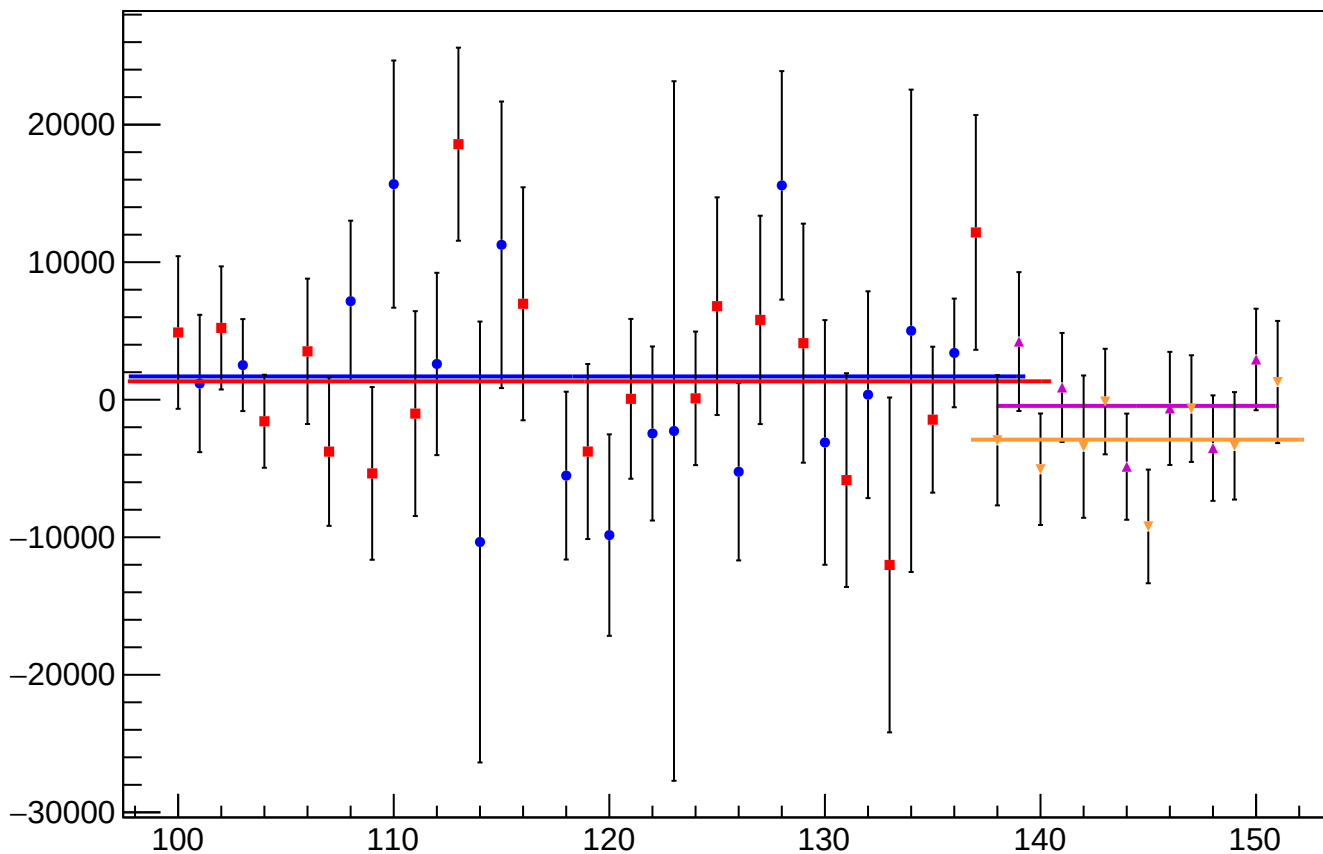
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1924.536+/-0.404 χ^2/NDF : 632337.1/22

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

All: 1932.443+/-0.279 χ^2/NDF : 957332.9/49

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2903.365+/-1487.317 χ^2/NDF : 4.4/7

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

Left In: -446.751+/-1642.684 χ^2/NDF : 3.8/5

Left: -1796.700+/-1102.538 χ^2/NDF : 9.4/13

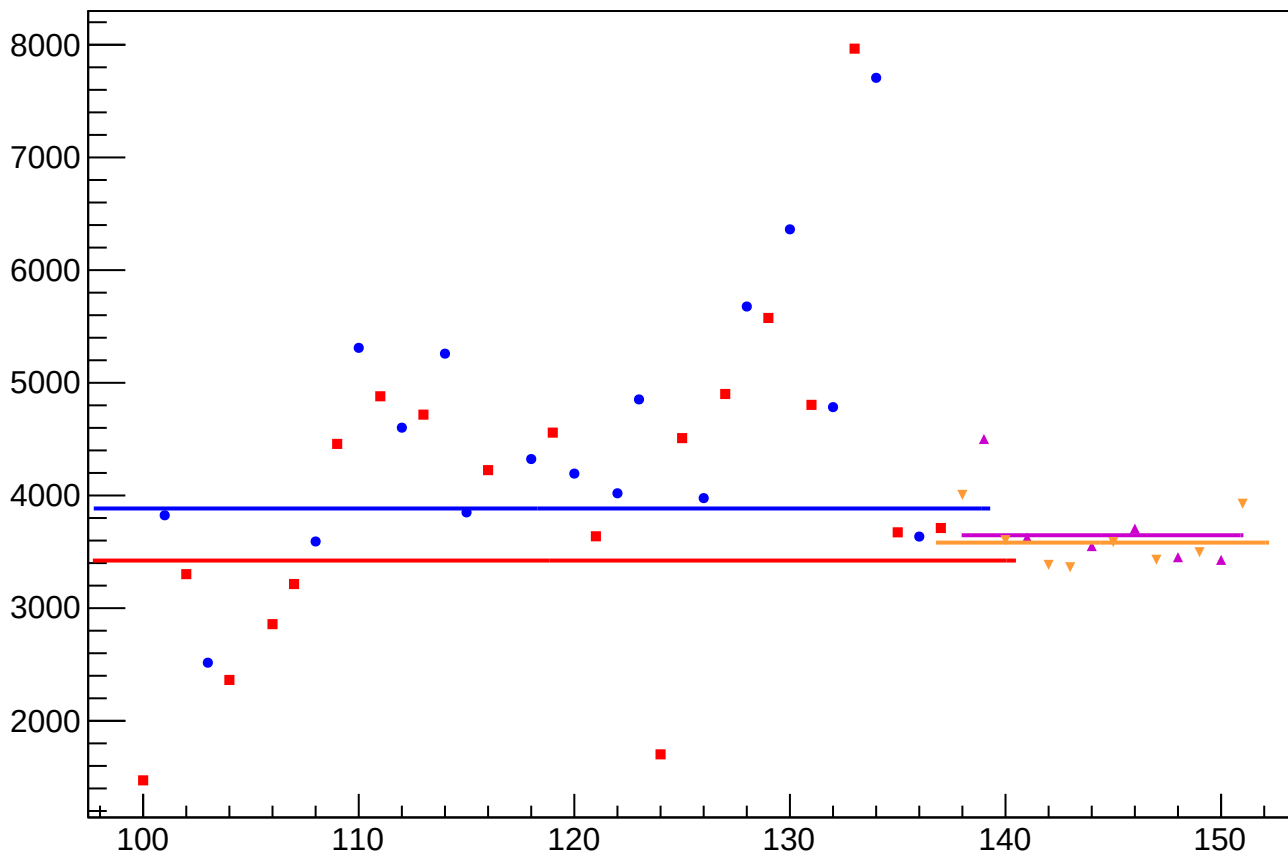
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 684.365+/-1128.104 χ^2/NDF : 18.3/22

Out: -607.208+/-1007.266 χ^2/NDF : 25.1/26

All: -34.277+/-751.348 χ^2/NDF : 44.1/49

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3581.866 $\pm$ 1.052 χ^2 /NDF: 41617.1/7

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

Left In: 3647.112 $\pm$ 1.162 χ^2 /NDF: 71156.0/5

Left: 3611.259 $\pm$ 0.780 χ^2 /NDF: 114506.9/13

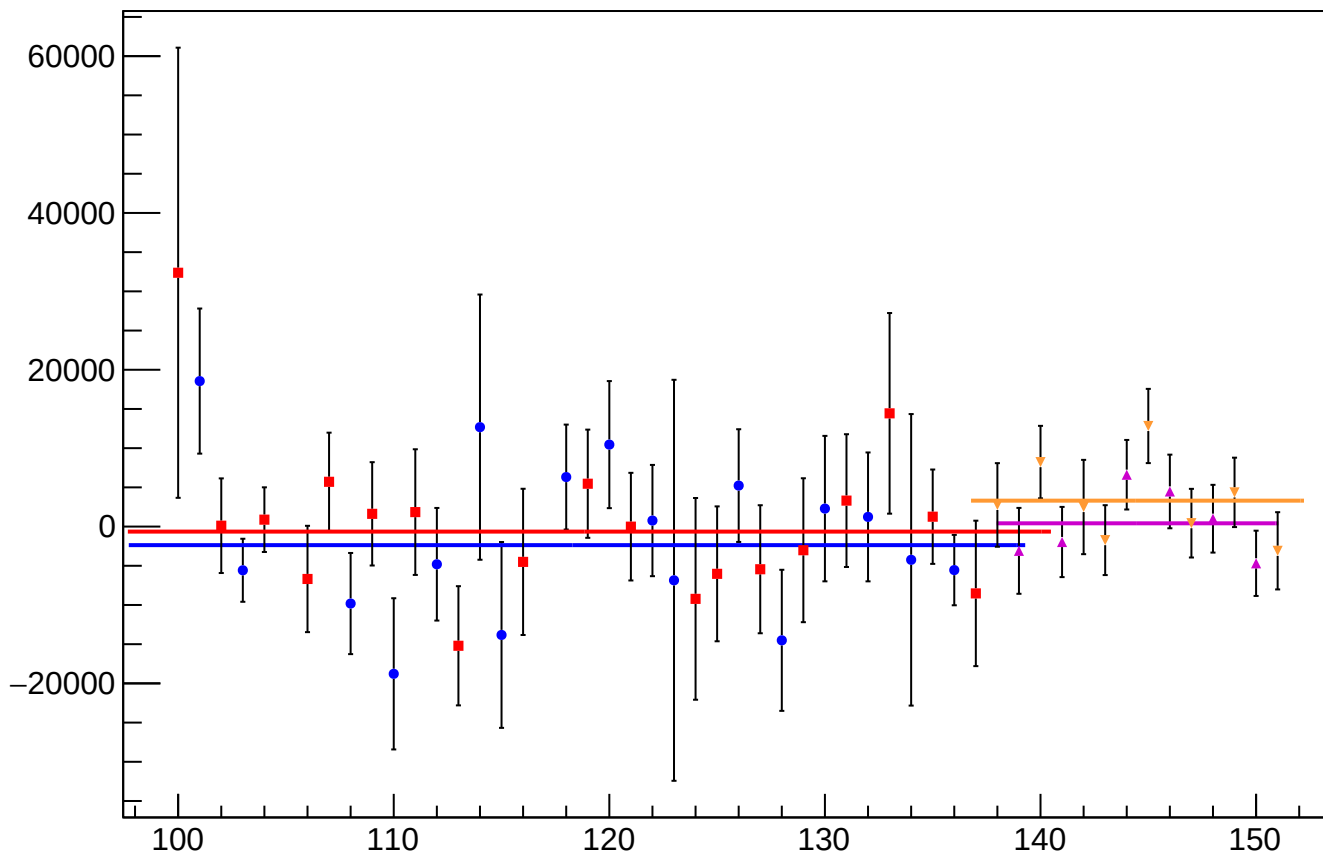
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3772.598 $\pm$ 0.798 χ^2 /NDF: 919808.0/22

Out: 3495.663 $\pm$ 0.712 χ^2 /NDF: 1644324.3/26

All: 3618.509 $\pm$ 0.531 χ^2 /NDF: 2631195.0/49

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: 416.514 $\pm$ 1854.649 χ^2 /NDF:4.9/5

Left: 1992.961 $\pm$ 1250.219 χ^2 /NDF: 14.9/13

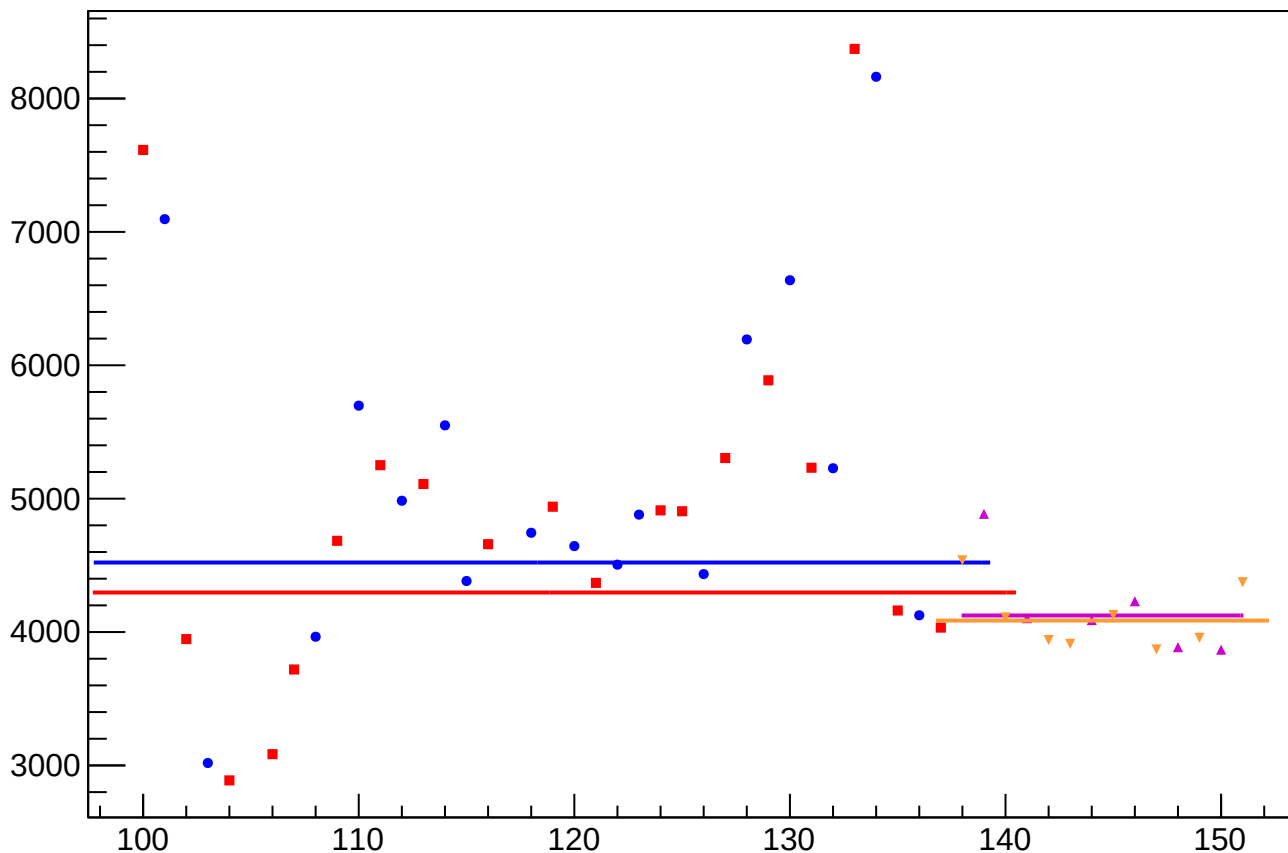
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -1015.627 $\pm$ 1292.397 χ^2 /NDF:26.2/22

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

All: 247.760 $\pm$ 877.797 χ^2 /NDF: 51.2/49

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4086.163 ± 1.197 χ^2/NDF : 32211.5/7

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

Left In: 4124.174 ± 1.311 χ^2/NDF : 53566.7/5

Left: 4103.435 ± 0.884 χ^2/NDF : 86236.5/13

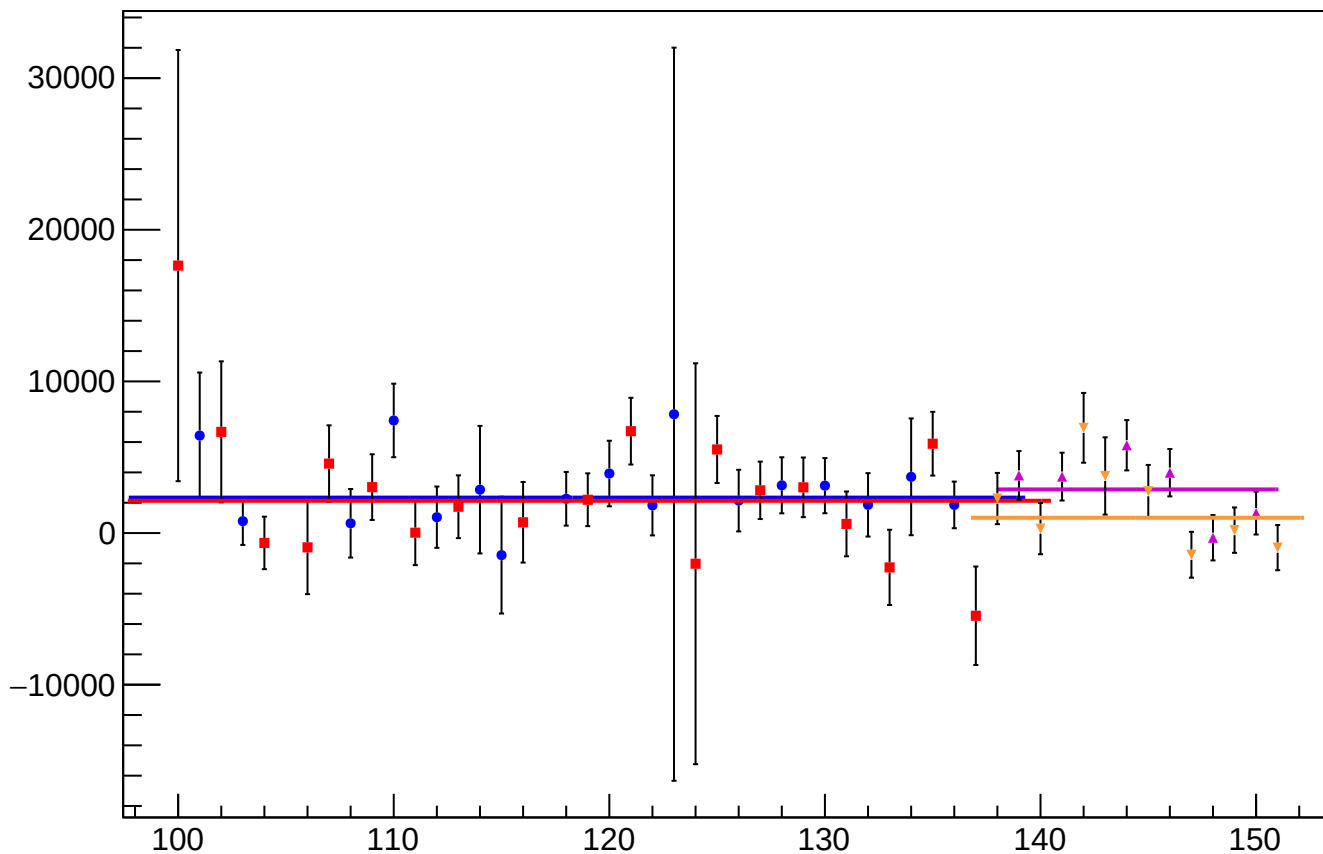
Right: 4401.047 ± 0.869 χ^2/NDF : 1568522.7/35

In: 4328.424 ± 0.914 χ^2/NDF : 879396.0/22

Out: 4192.058 ± 0.843 χ^2/NDF : 820970.0/26

All: 4254.776 ± 0.620 χ^2/NDF : 1712391.4/49

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1008.083 $\pm$ 607.326 χ^2 /NDF:14.2/7

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

Left In: 2877.678 $\pm$ 630.648 χ^2 /NDF:10.0/5

Left: 1907.671 $\pm$ 437.457 χ^2 /NDF: 28.8/13

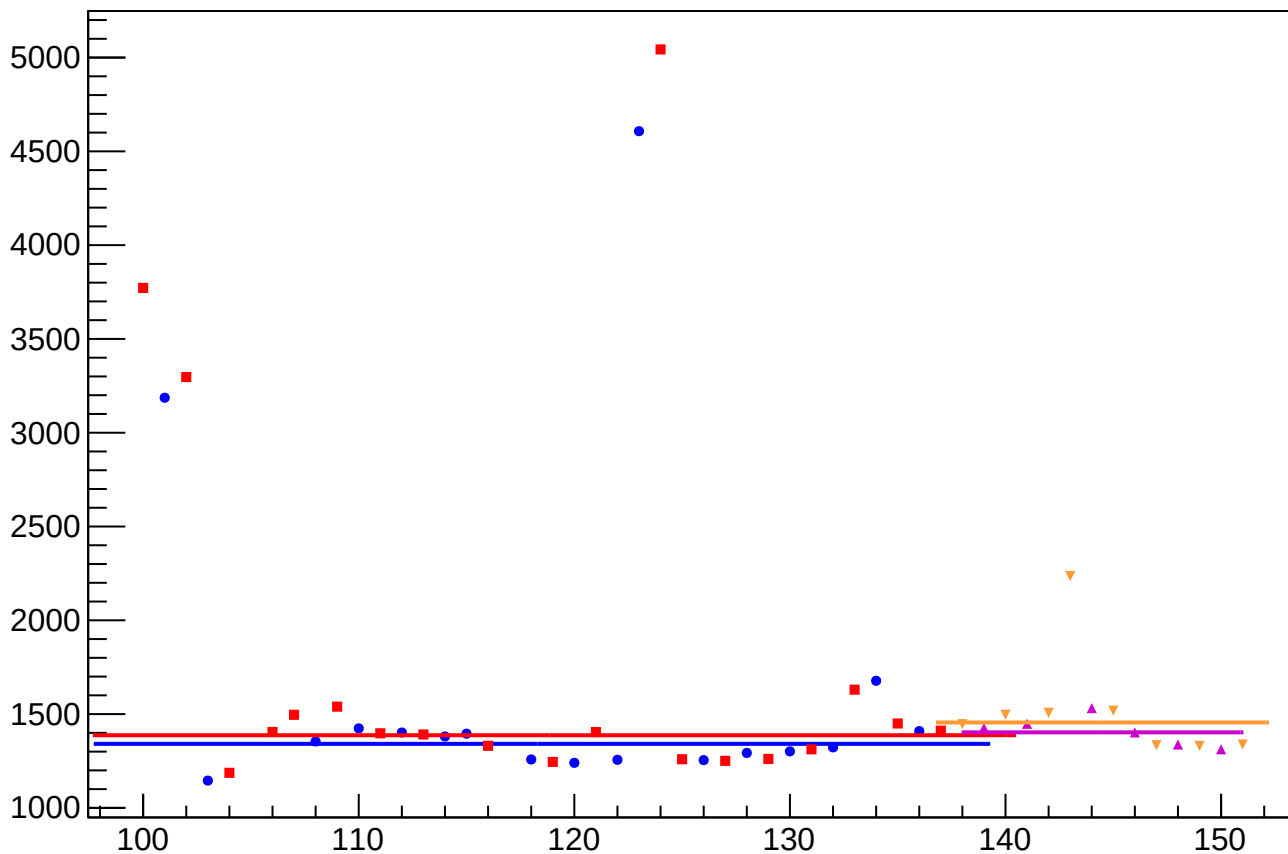
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2561.348 $\pm$ 406.250 χ^2 /NDF:20.0/22

Out: 1635.143 $\pm$ 403.225 χ^2 /NDF:43.7/26

All: 2094.785 $\pm$ 286.187 χ^2 /NDF: 66.3/49

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: 1402.709+/-0.446 χ^2/NDF : 26209.6/5

Left: 1430.054+/-0.309 χ^2/NDF : 264973.9/13

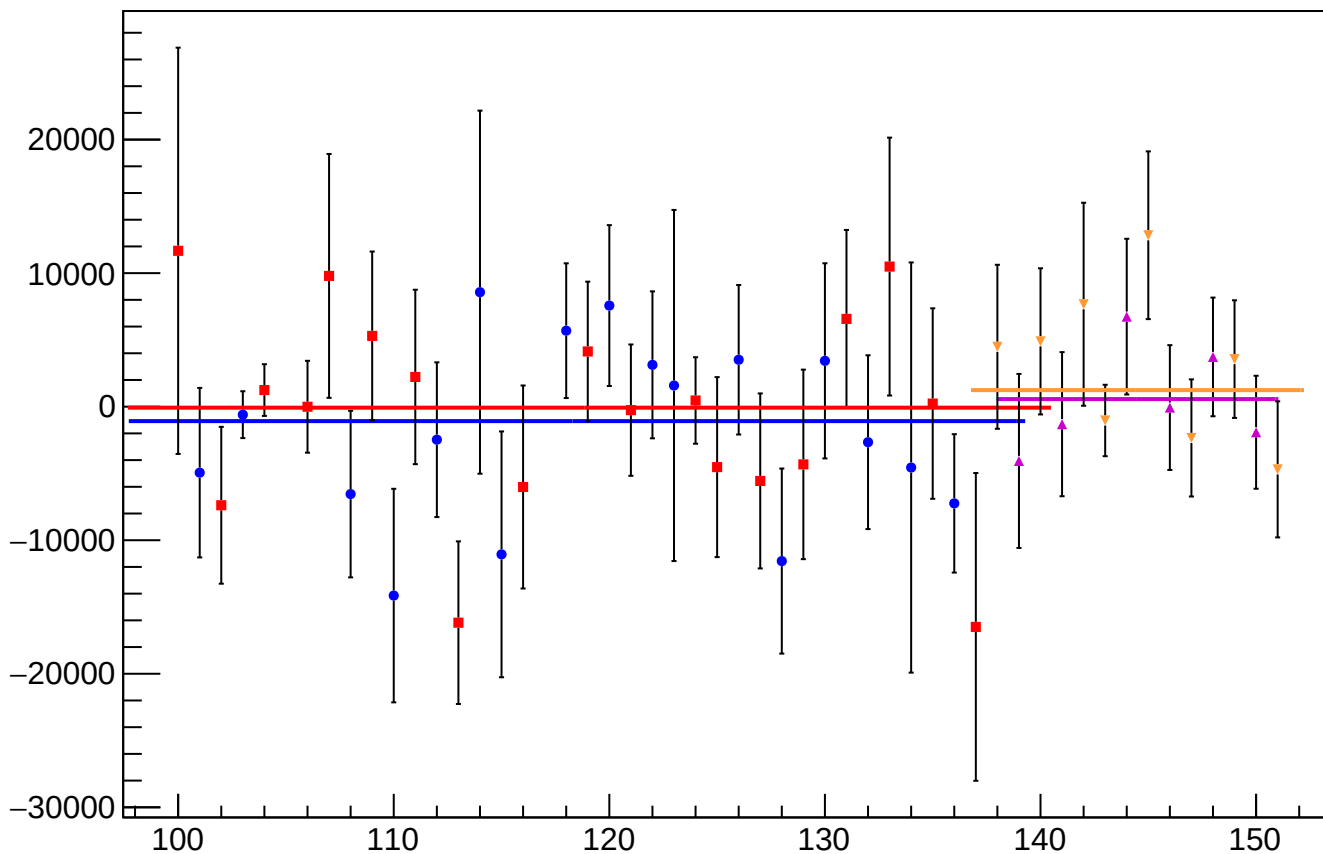
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1366.826+/-0.287 χ^2/NDF : 541549.4/22

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

All: 1392.276+/-0.202 χ^2/NDF : 1452891.3/49

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: 568.861+/-2042.675 χ^2/NDF : 2.6/5

Left: 982.762+/-1265.794 χ^2/NDF : 10.6/13

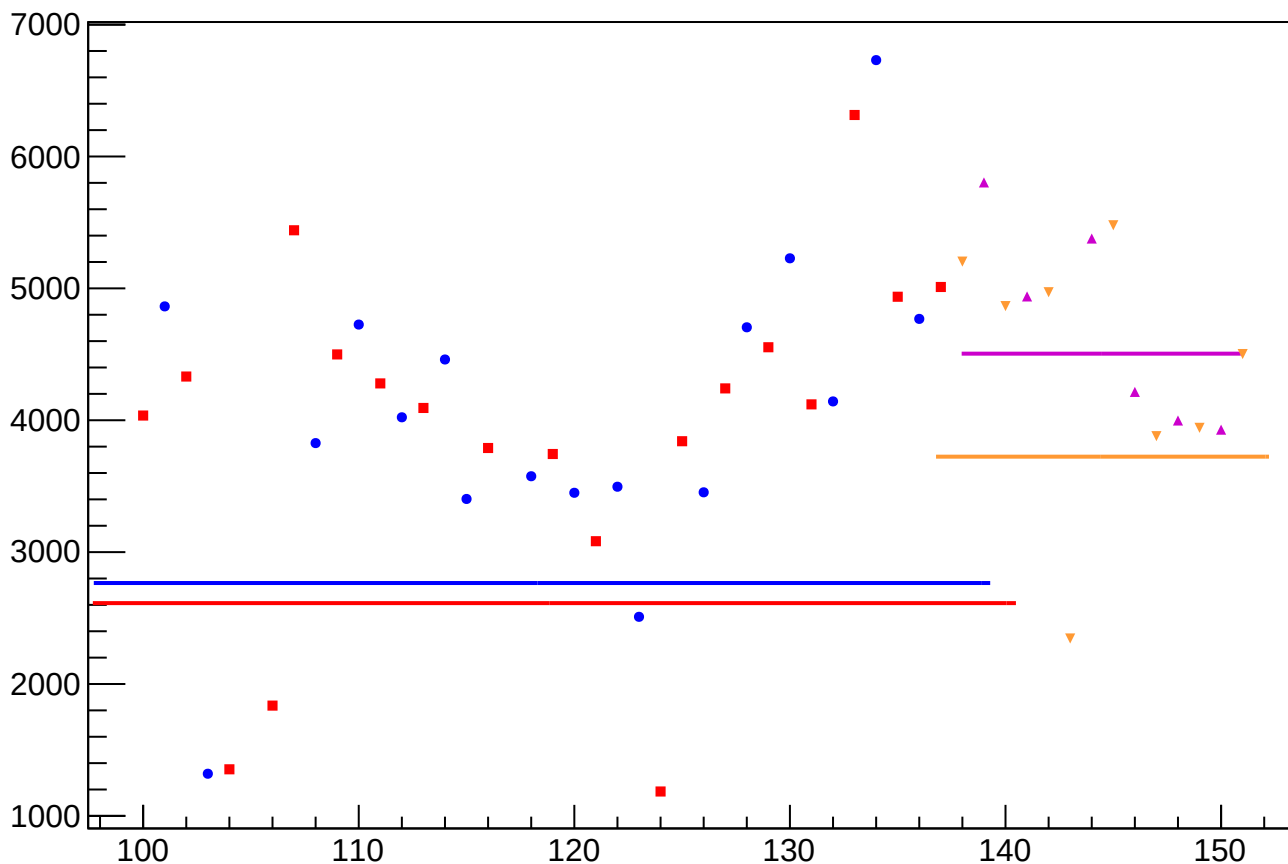
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -651.232+/-1042.575 χ^2/NDF : 18.1/22

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

All: -86.249+/-691.239 χ^2/NDF : 45.6/49

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: 4504.932+/-1.444 χ^2/NDF : 208029.9/5

Left: 4023.802+/-0.895 χ^2/NDF : 1386730.5/13

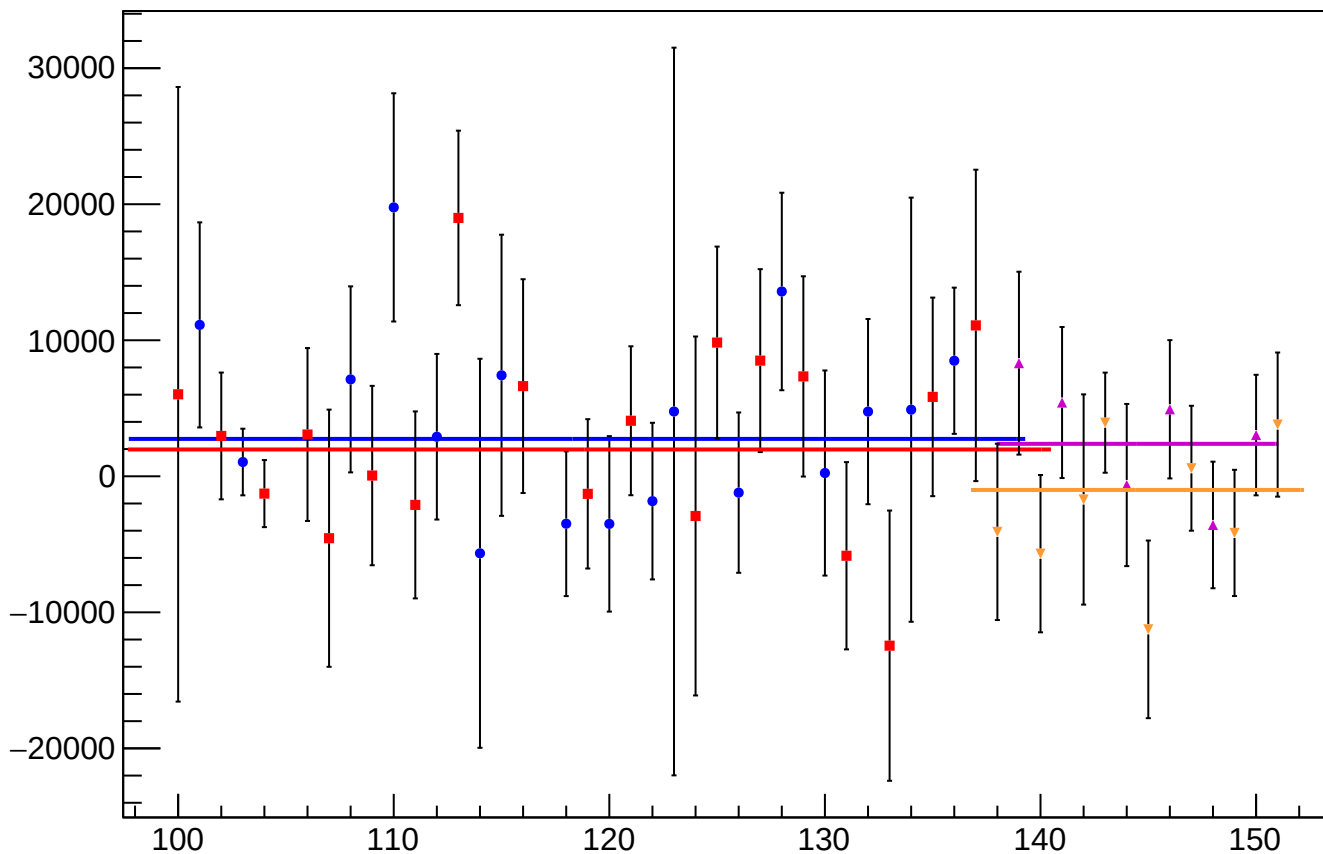
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3218.806+/-0.737 χ^2/NDF : 4219283.8/22

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

All: 3083.512+/-0.489 χ^2/NDF : 9255309.5/49

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: 2386.708+/-2138.955 χ^2/NDF : 3.2/5

Left: 432.345+/-1392.235 χ^2/NDF : 11.3/13

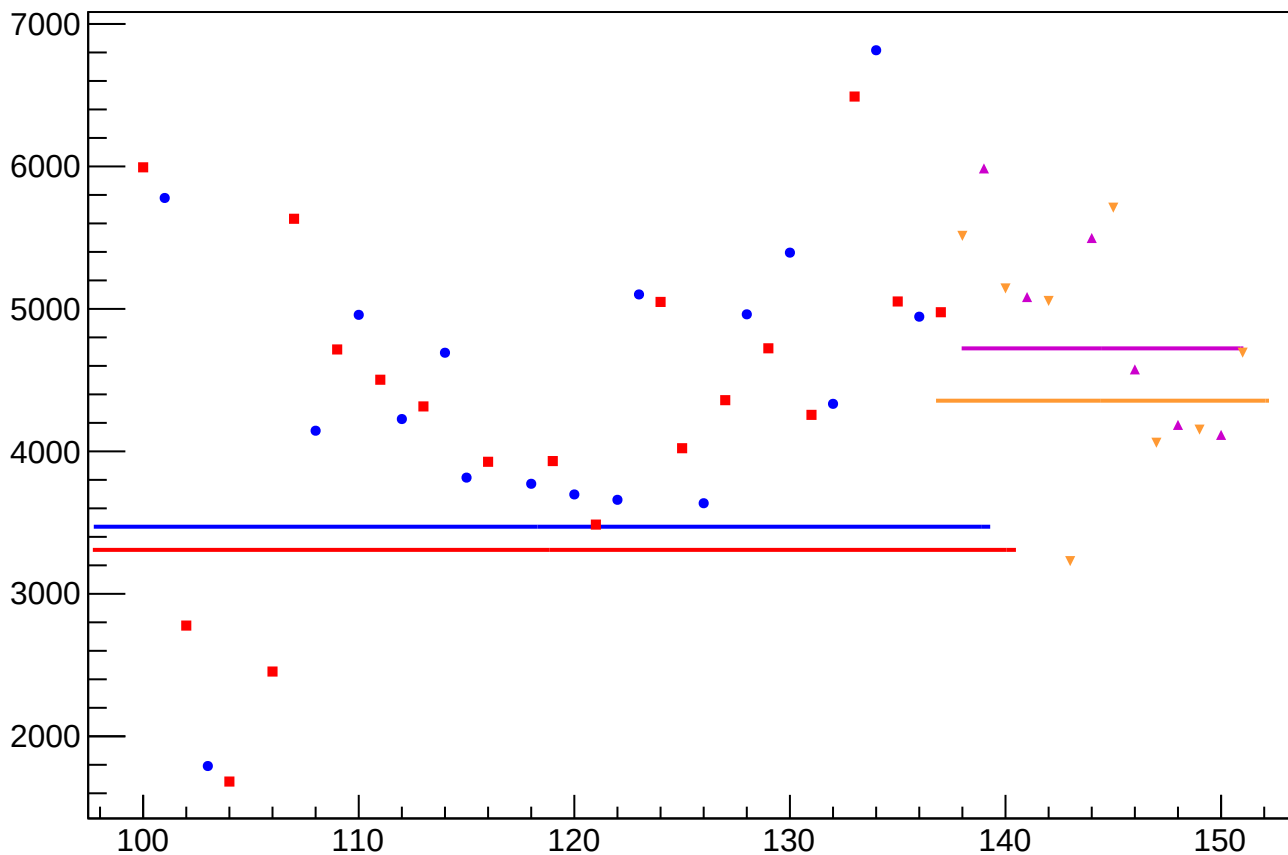
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2634.798+/-1198.305 χ^2/NDF : 17.0/22

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

All: 1692.713+/-811.762 χ^2/NDF : 44.3/49

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: 4722.918+/-1.512 χ^2/NDF : 178730.8/5

Left: 4511.311+/-0.984 χ^2/NDF : 623712.8/13

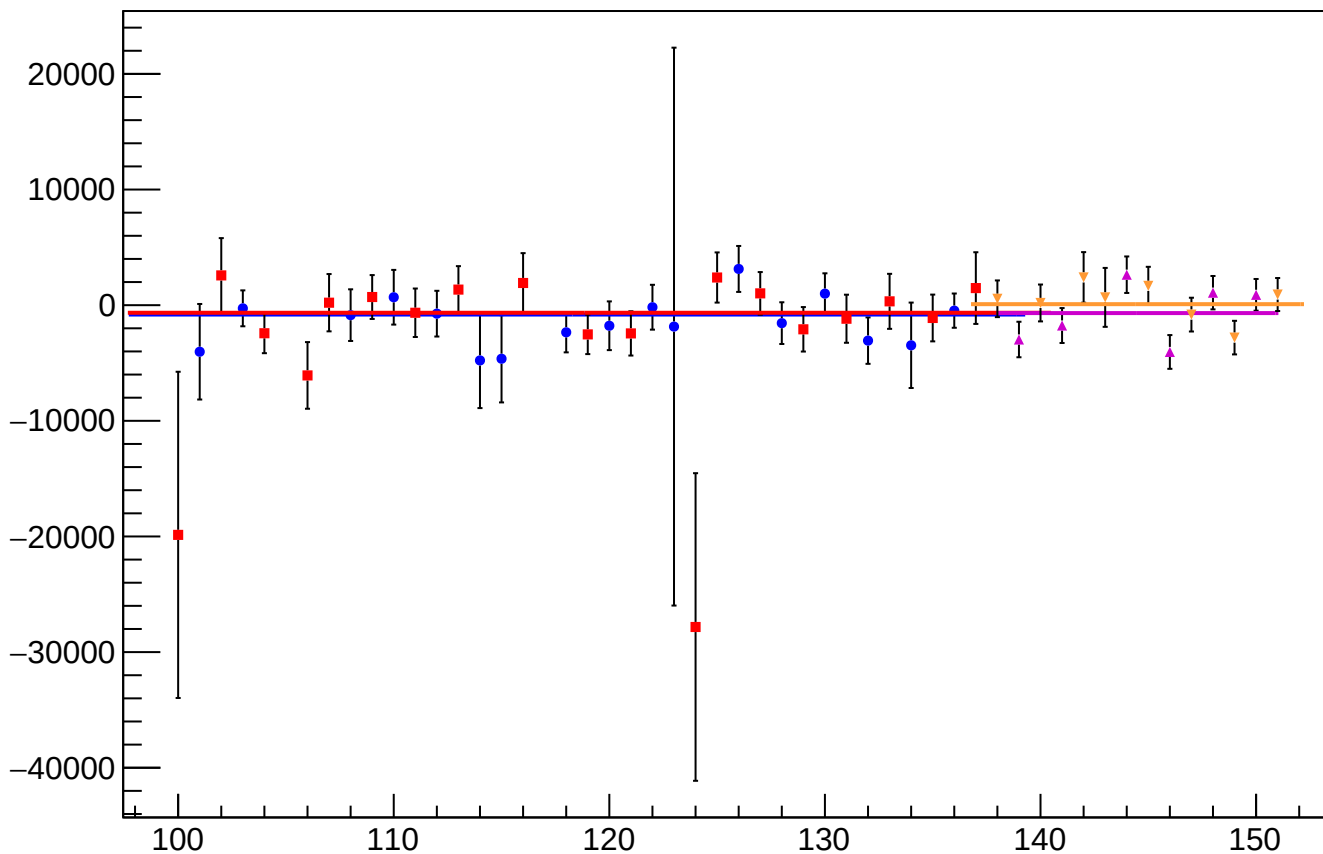
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3864.015+/-0.847 χ^2/NDF : 2416618.5/22

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

All: 3765.717+/-0.572 χ^2/NDF : 5185517.3/49

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: 87.968+/-581.550 χ^2/NDF : 6.9/7

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

Left In: -682.979+/-603.379 χ^2/NDF : 15.3/5

Left: -283.307+/-418.722 χ^2/NDF : 23.0/13

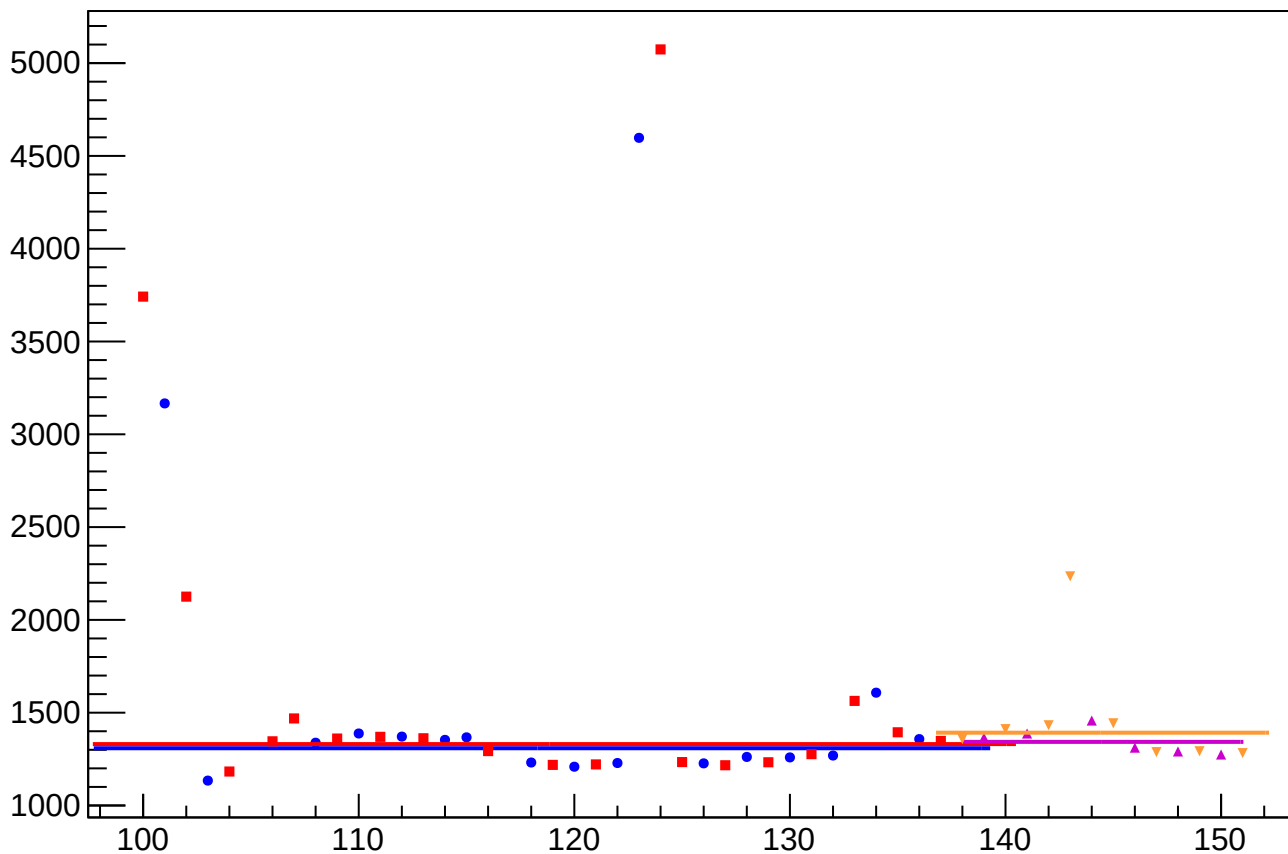
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -755.516+/-393.114 χ^2/NDF : 26.5/22

Out: -329.434+/-385.379 χ^2/NDF : 28.2/26

All: -538.241+/-275.198 χ^2/NDF : 55.3/49

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: 1342.728 $\pm$ 0.427 χ^2 /NDF:21263.2/5

Left: 1368.428 $\pm$ 0.296 χ^2 /NDF: 282329.0/13

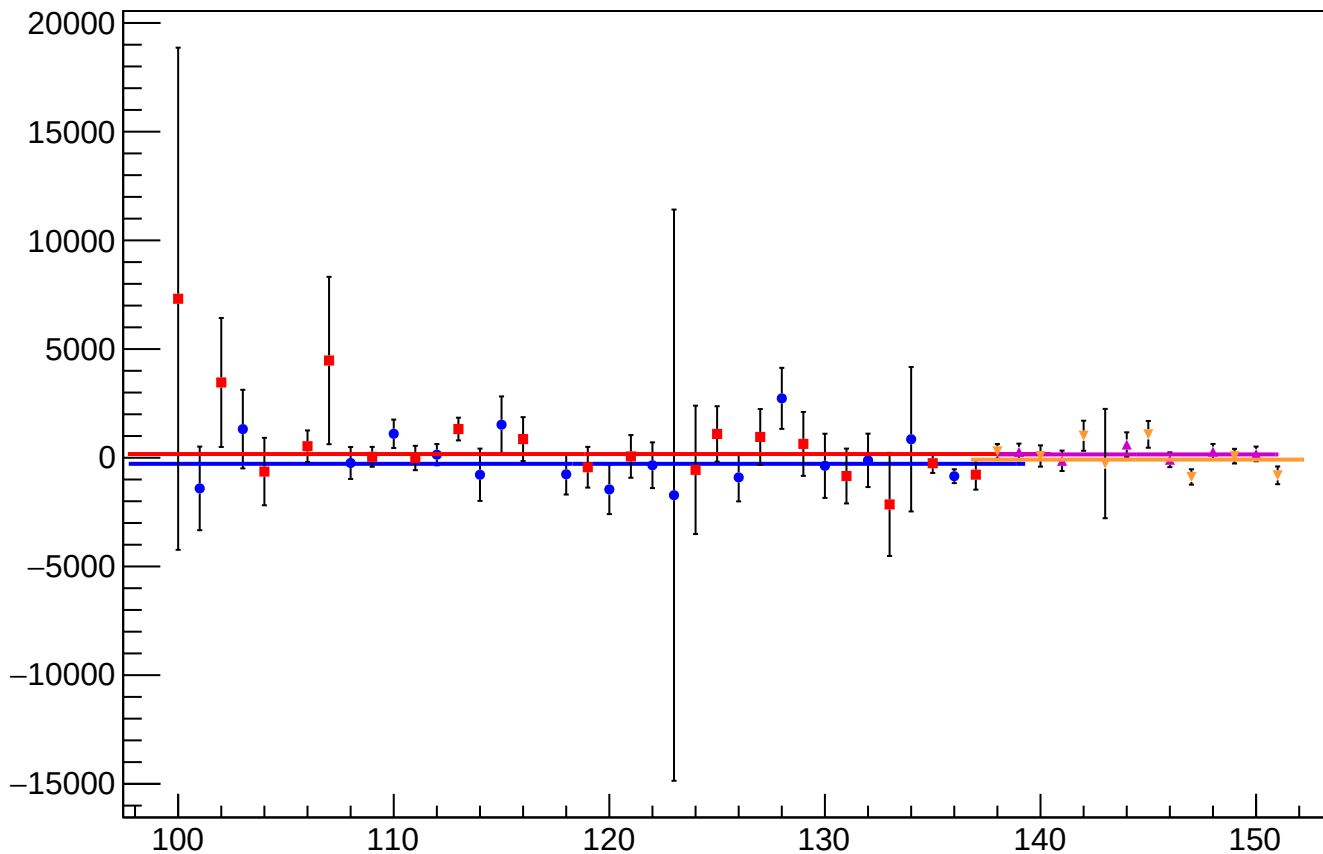
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1322.952 $\pm$ 0.278 χ^2 /NDF:531541.2/22

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

All: 1340.744 $\pm$ 0.195 χ^2 /NDF: 1222008.1/49

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -85.269 ± 156.887 χ^2/NDF : 15.9/7

Right Out: 171.593 ± 192.461 χ^2/NDF : 14.7/18

Left In: 154.050 ± 158.082 χ^2/NDF : 1.8/5

Left: 33.482 ± 111.356 χ^2/NDF : 18.9/13

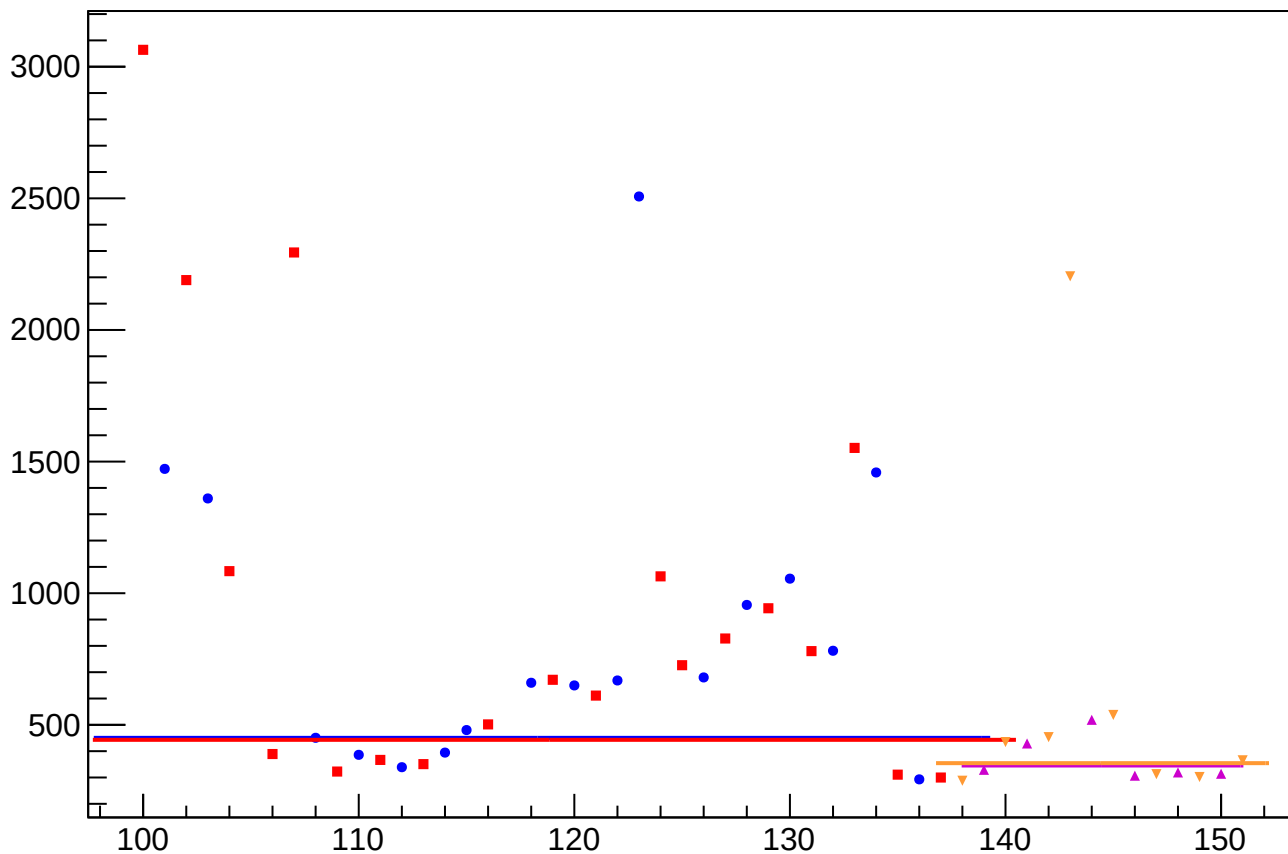
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: -14.291 ± 123.568 χ^2/NDF : 22.8/22

Out: 17.274 ± 121.603 χ^2/NDF : 31.7/26

All: 1.744 ± 86.673 χ^2/NDF : 54.5/49

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 354.503 $\pm$ 0.111 χ^2 /NDF: 1509632.6/7

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 345.556 $\pm$ 0.112 χ^2 /NDF: 311904.0/5

Left: 350.063 $\pm$ 0.079 χ^2 /NDF: 1824763.9/13

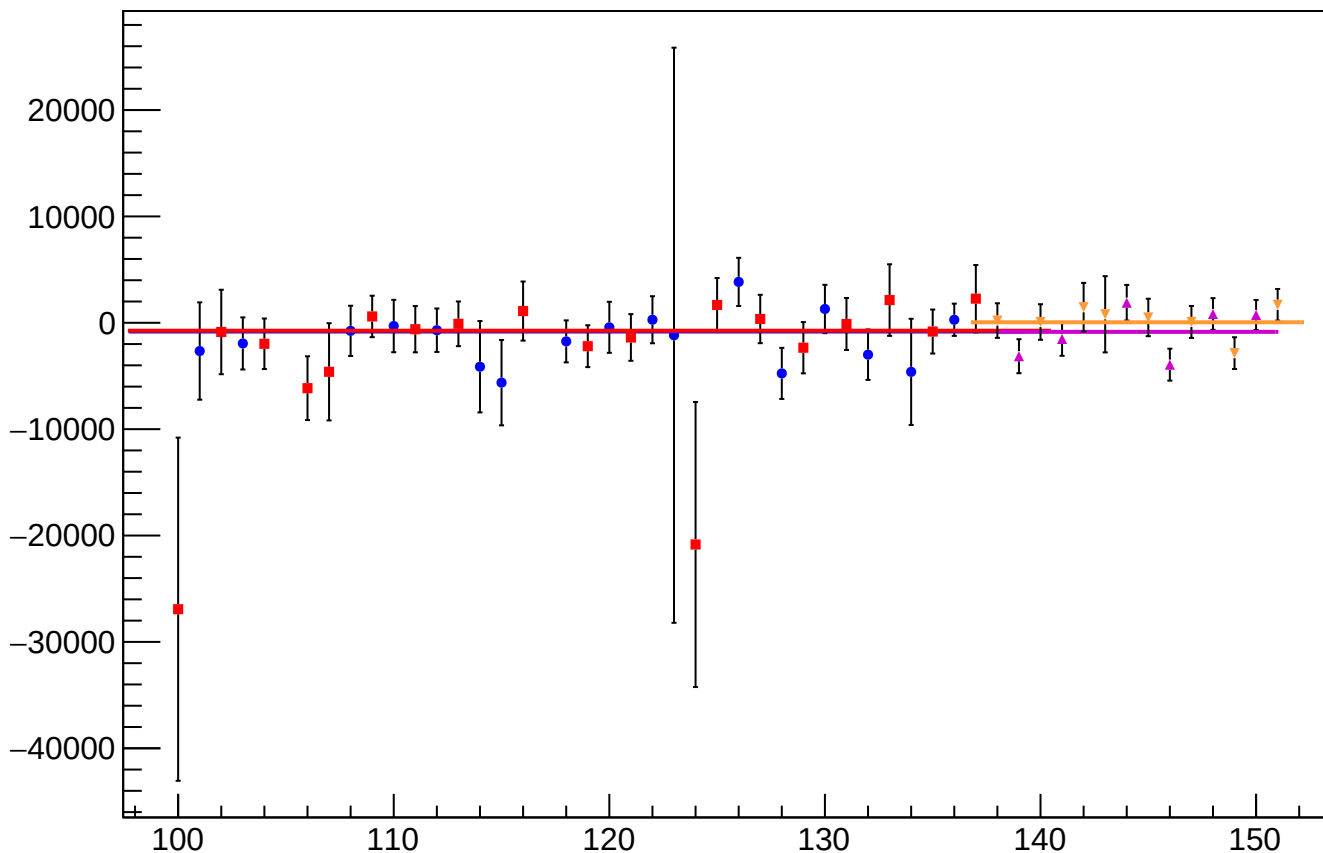
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 386.416 $\pm$ 0.087 χ^2 /NDF: 3653126.8/22

Out: 389.870 $\pm$ 0.086 χ^2 /NDF: 5235607.4/26

All: 388.171 $\pm$ 0.061 χ^2 /NDF: 8889528.4/49

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: -851.103+/-626.786 χ^2/NDF : 11.7/5

Left: -389.851+/-437.739 χ^2/NDF : 18.2/13

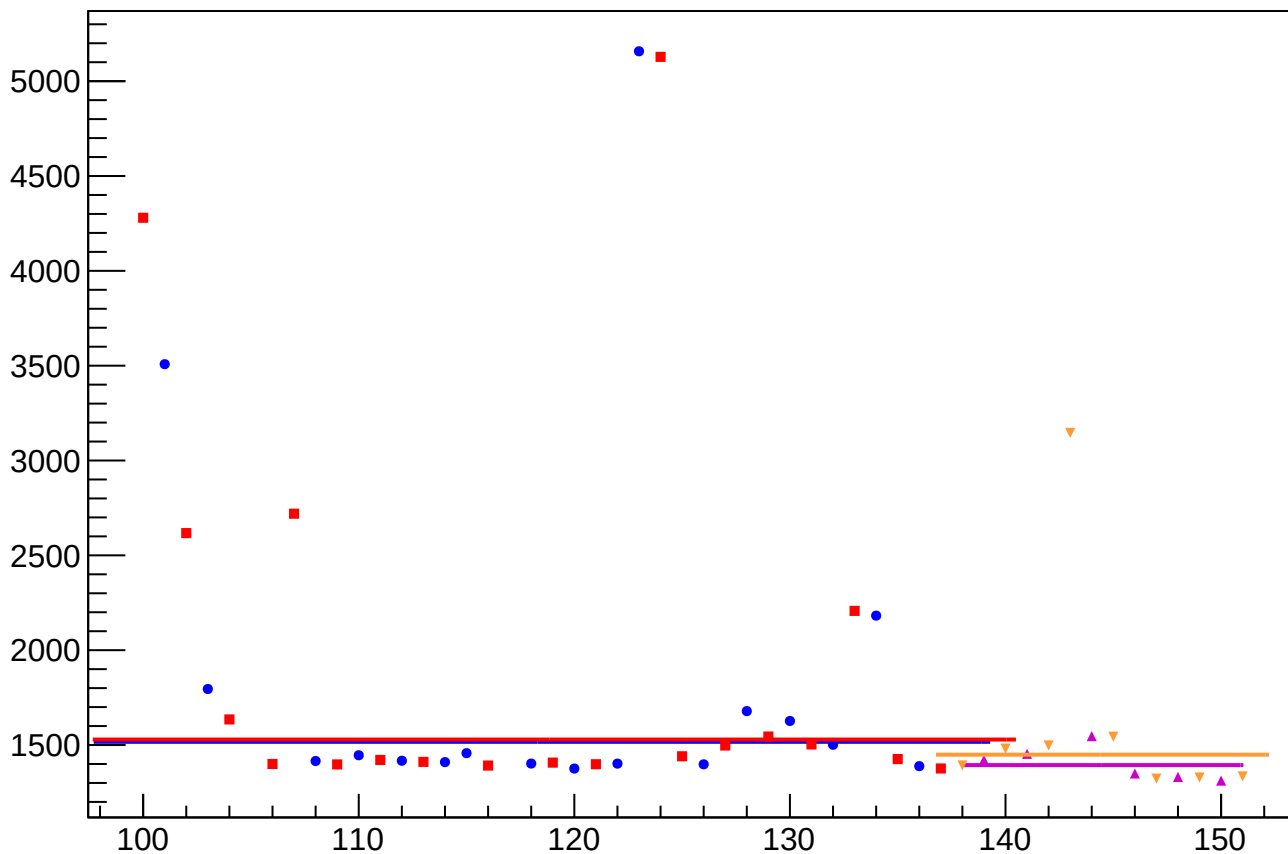
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -833.397+/-433.857 χ^2/NDF : 24.4/22

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

All: -592.278+/-304.229 χ^2/NDF : 45.4/49

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: 1394.158+/-0.443 χ^2/NDF : 32025.8/5

Left: 1422.256+/-0.310 χ^2/NDF : 537055.8/13

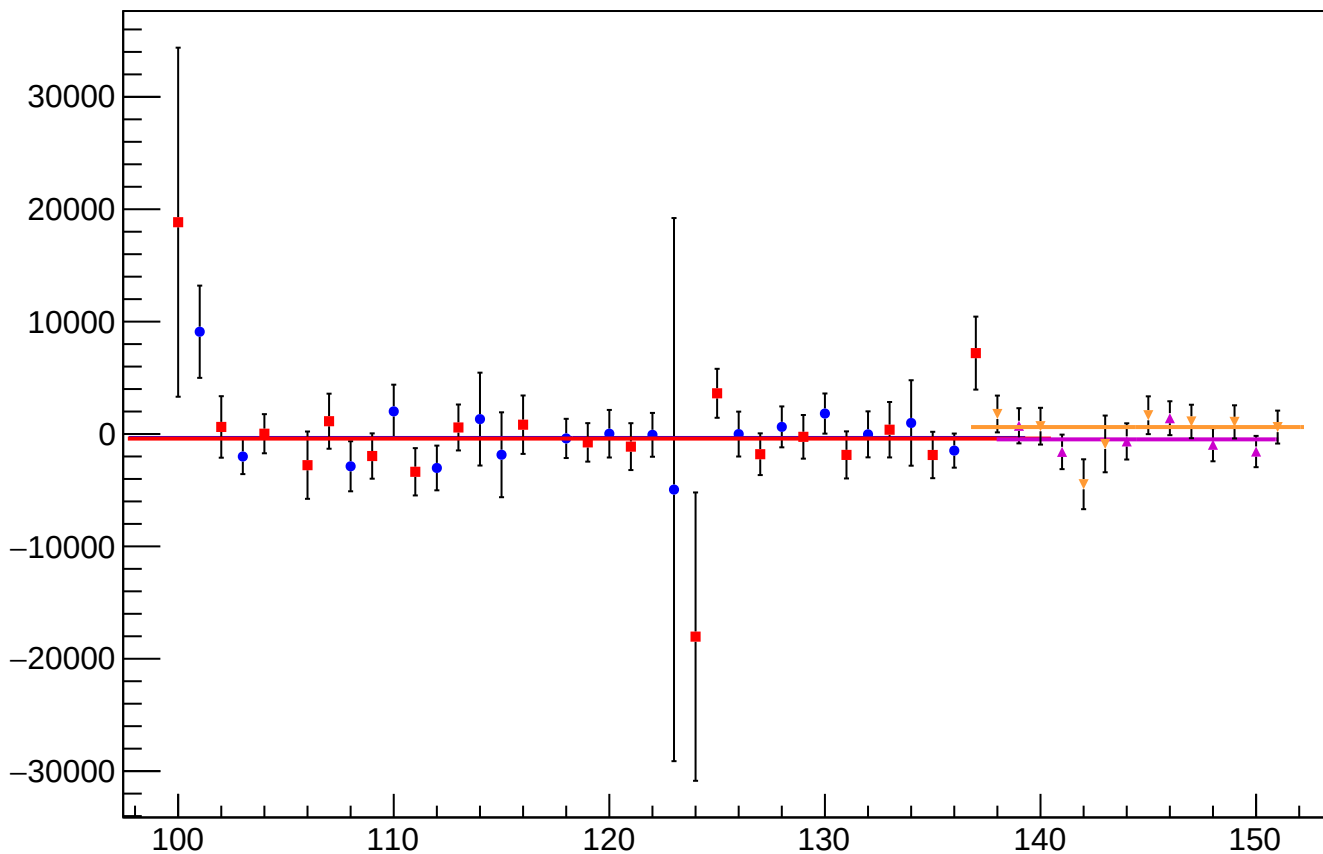
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1458.109+/-0.307 χ^2/NDF : 613037.3/22

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

All: 1474.312+/-0.215 χ^2/NDF : 1763385.4/49

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 617.897 ± 593.858 χ^2/NDF : 6.7/7

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

Left In: -477.824 ± 616.211 χ^2/NDF : 3.4/5

Left: 90.270 ± 427.605 χ^2/NDF : 11.8/13

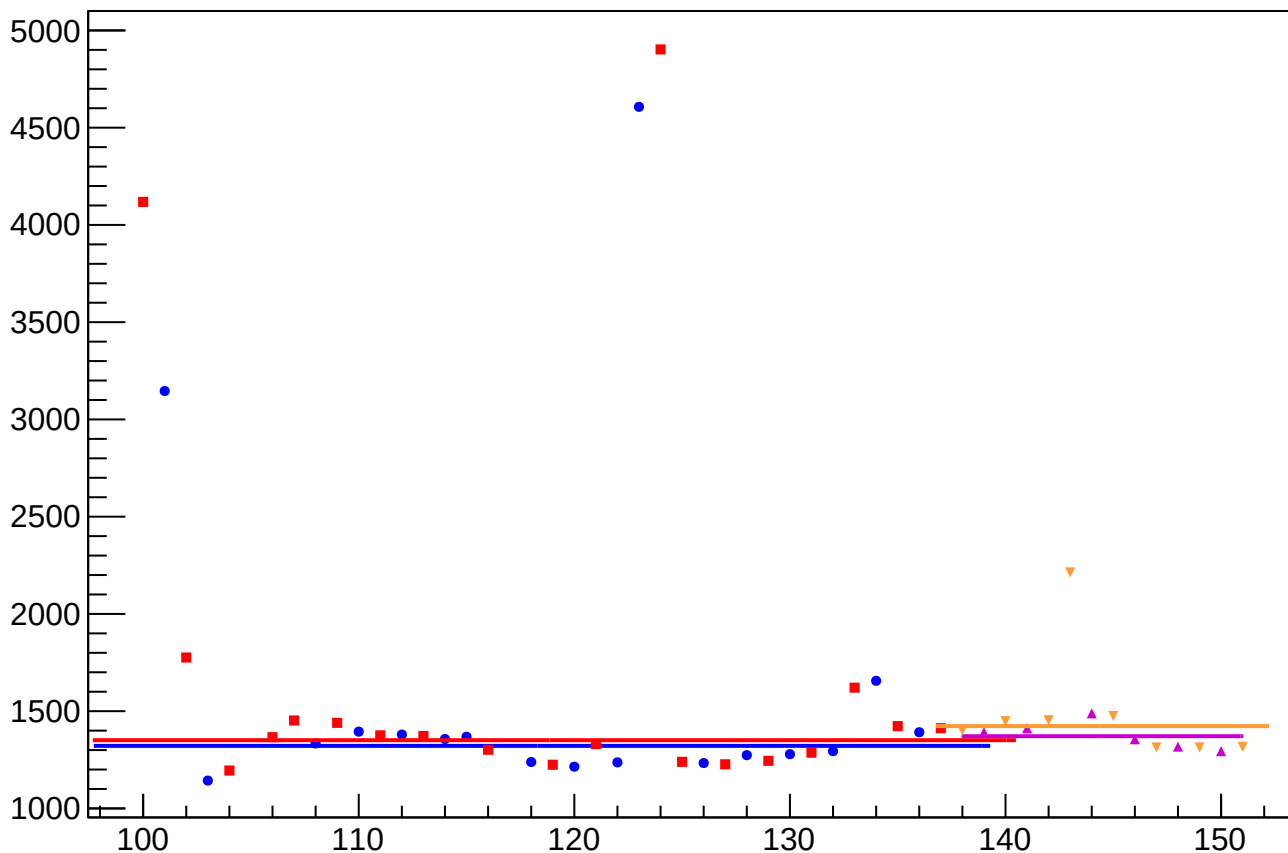
Right: -380.326 ± 369.594 χ^2/NDF : 31.8/35

In: -405.380 ± 398.887 χ^2/NDF : 16.8/22

Out: 39.546 ± 392.087 χ^2/NDF : 26.8/26

All: -179.093 ± 279.620 χ^2/NDF : 44.2/49

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1423.224+/-0.420 χ^2/NDF : 231812.4/7

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

Left In: 1371.384+/-0.436 χ^2/NDF : 21356.5/5

Left: 1398.261+/-0.302 χ^2/NDF : 260507.3/13

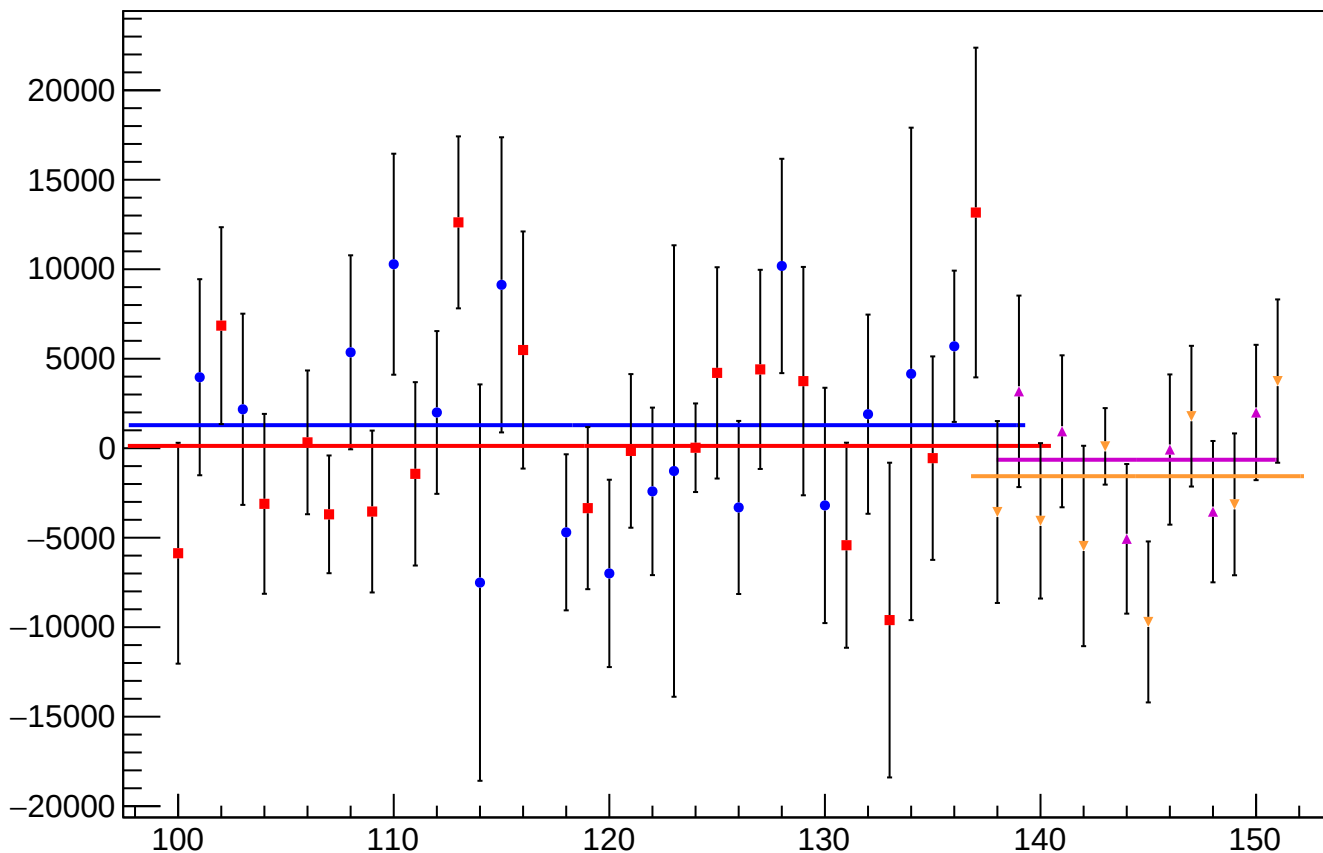
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1342.520+/-0.282 χ^2/NDF : 531155.4/22

Out: 1382.336+/-0.277 χ^2/NDF : 598495.9/26

All: 1362.776+/-0.198 χ^2/NDF : 1139788.8/49

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: -644.646+/-1718.754 χ^2/NDF : 2.8/5

Left: -1220.370+/-1050.118 χ^2/NDF : 10.1/13

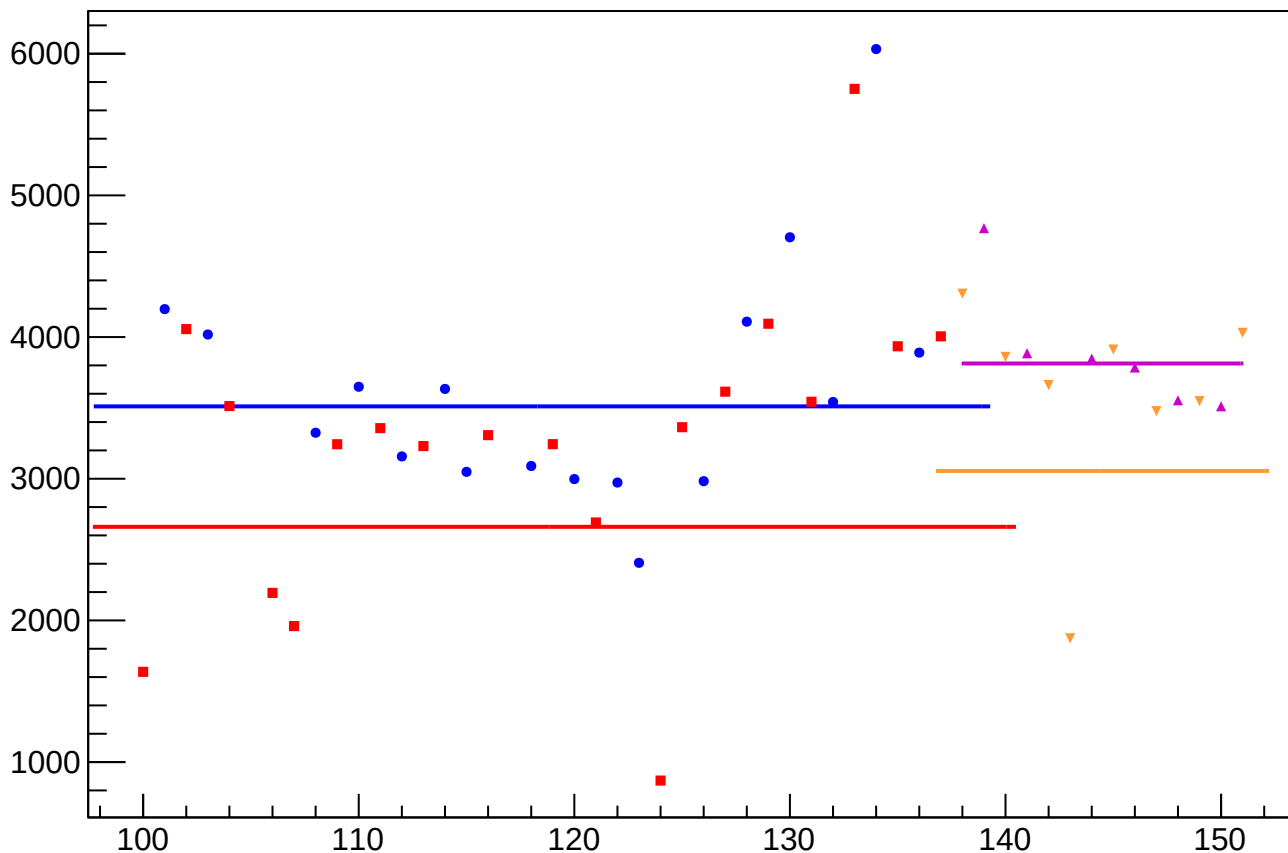
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 532.920+/-1074.101 χ^2/NDF : 17.9/22

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

All: -139.336+/-662.340 χ^2/NDF : 45.1/49

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3055.043+/-0.938 χ^2/NDF : 1041564.7/7

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

Left In: 3813.479+/-1.215 χ^2/NDF : 85955.0/5

Left: 3338.161+/-0.743 χ^2/NDF : 1371584.9/13

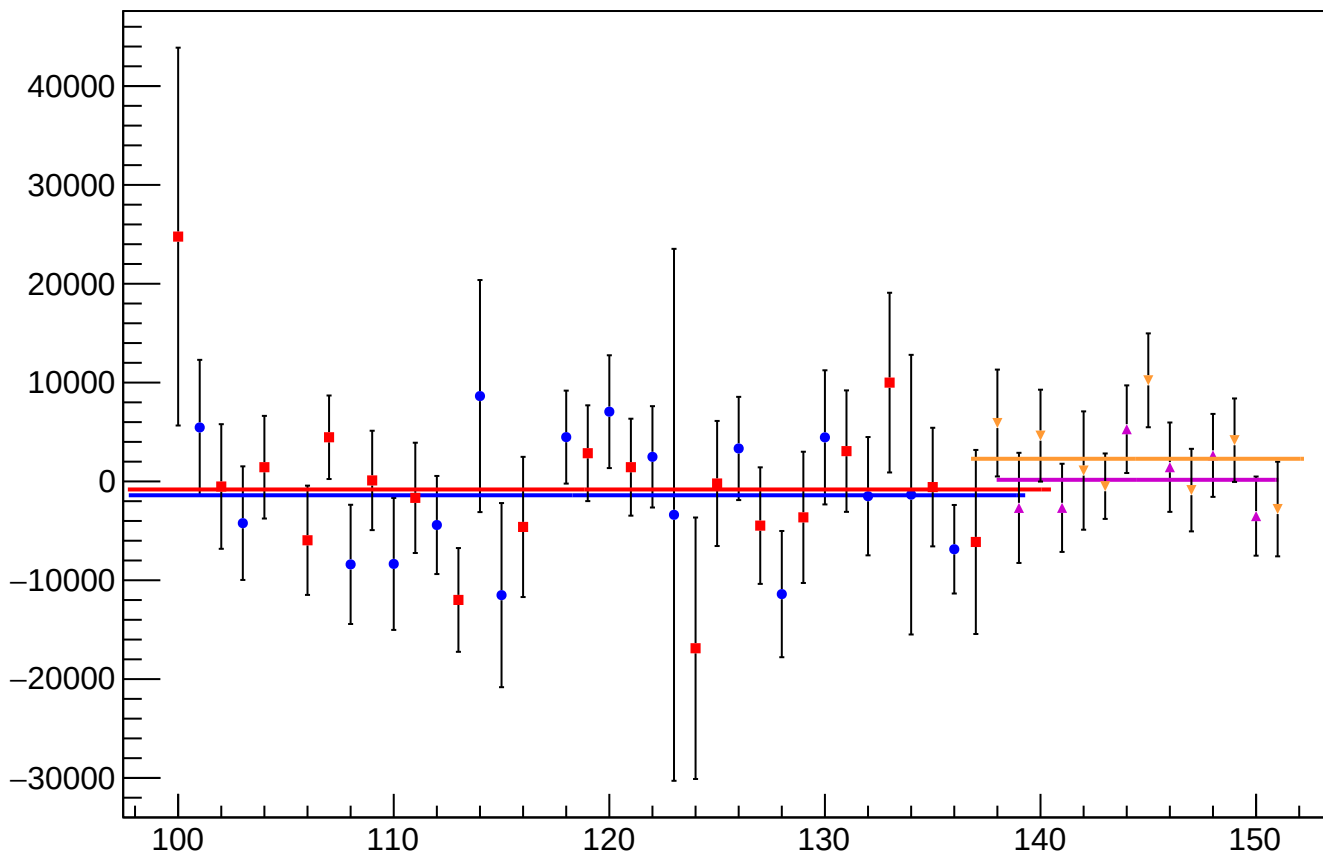
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3629.007+/-0.760 χ^2/NDF : 467811.6/22

Out: 2819.301+/-0.595 χ^2/NDF : 3329904.2/26

All: 3127.194+/-0.468 χ^2/NDF : 4502098.8/49

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: 163.594+/-1821.246 χ^2/NDF : 3.3/5

Left: 1377.911+/-1193.115 χ^2/NDF : 10.2/13

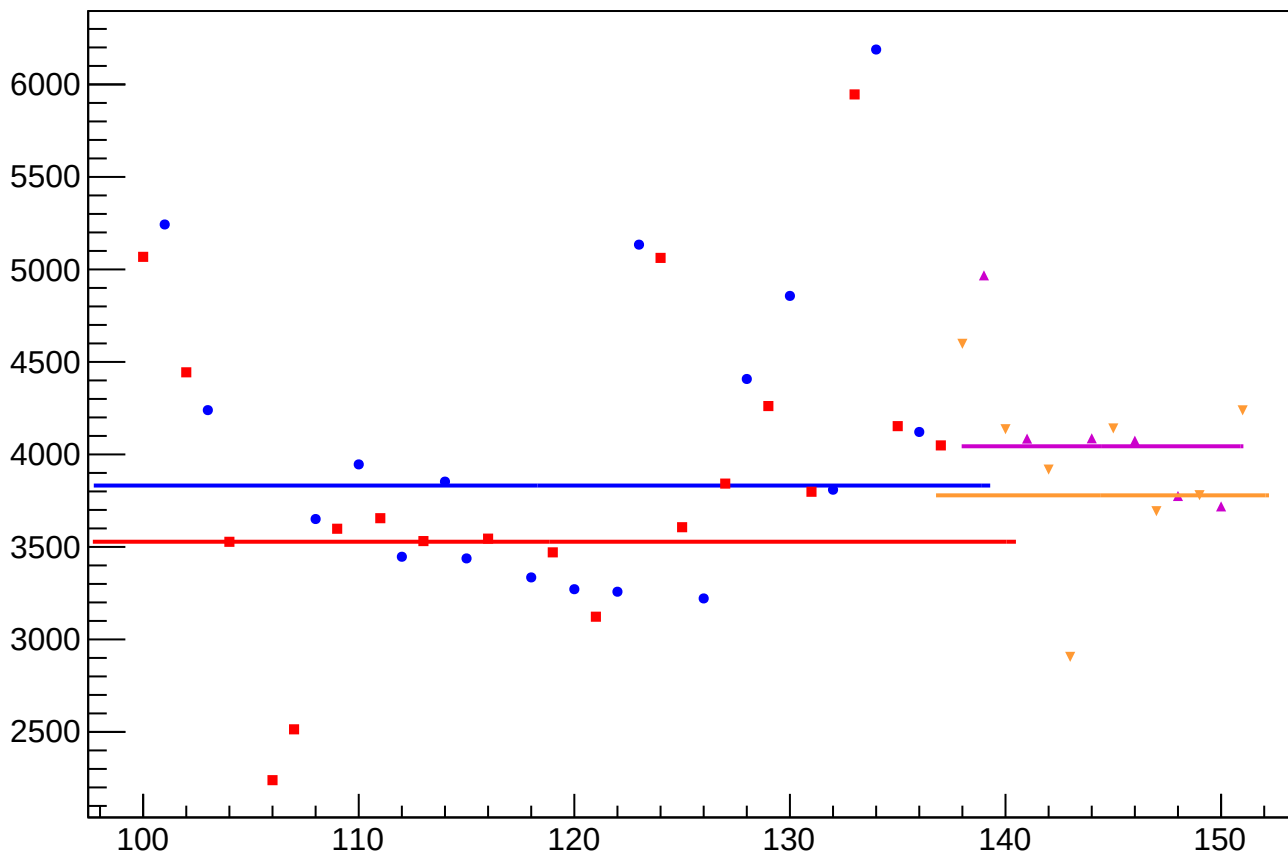
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

In: -766.815+/-1159.754 χ^2/NDF : 19.5/22

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

All: -47.595+/-773.763 χ^2/NDF : 42.8/49

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: 4044.072+/-1.288 χ^2/NDF : 76828.7/5

Left: 3892.677+/-0.844 χ^2/NDF : 329839.7/13

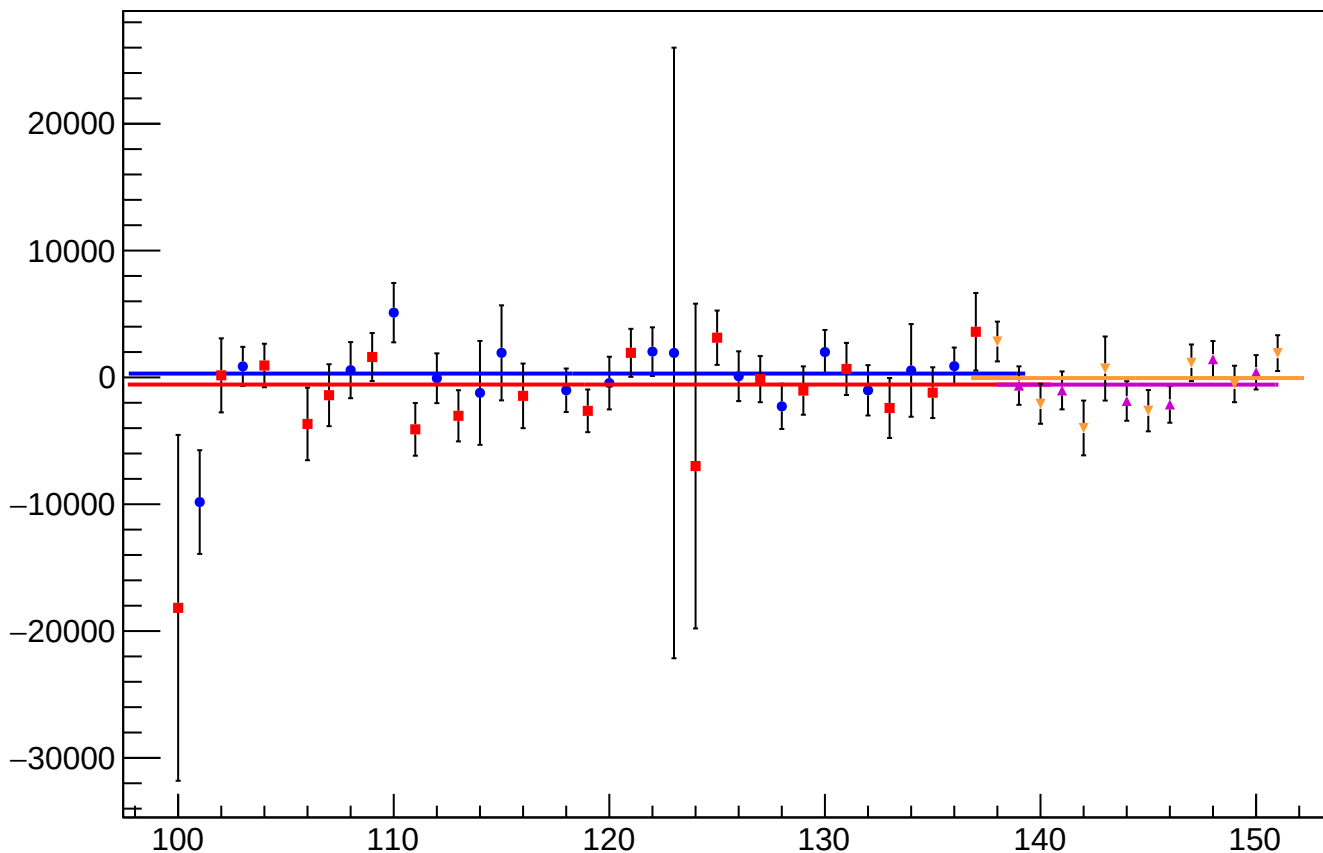
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 3917.885+/-0.820 χ^2/NDF : 430685.4/22

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

All: 3760.460+/-0.546 χ^2/NDF : 1311623.0/49

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -52.024 $\pm$ 575.219 χ^2 /NDF:13.7/7

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -569.151 $\pm$ 596.725 χ^2 /NDF:4.4/5

Left: -301.101 $\pm$ 414.136 χ^2 /NDF: 18.5/13

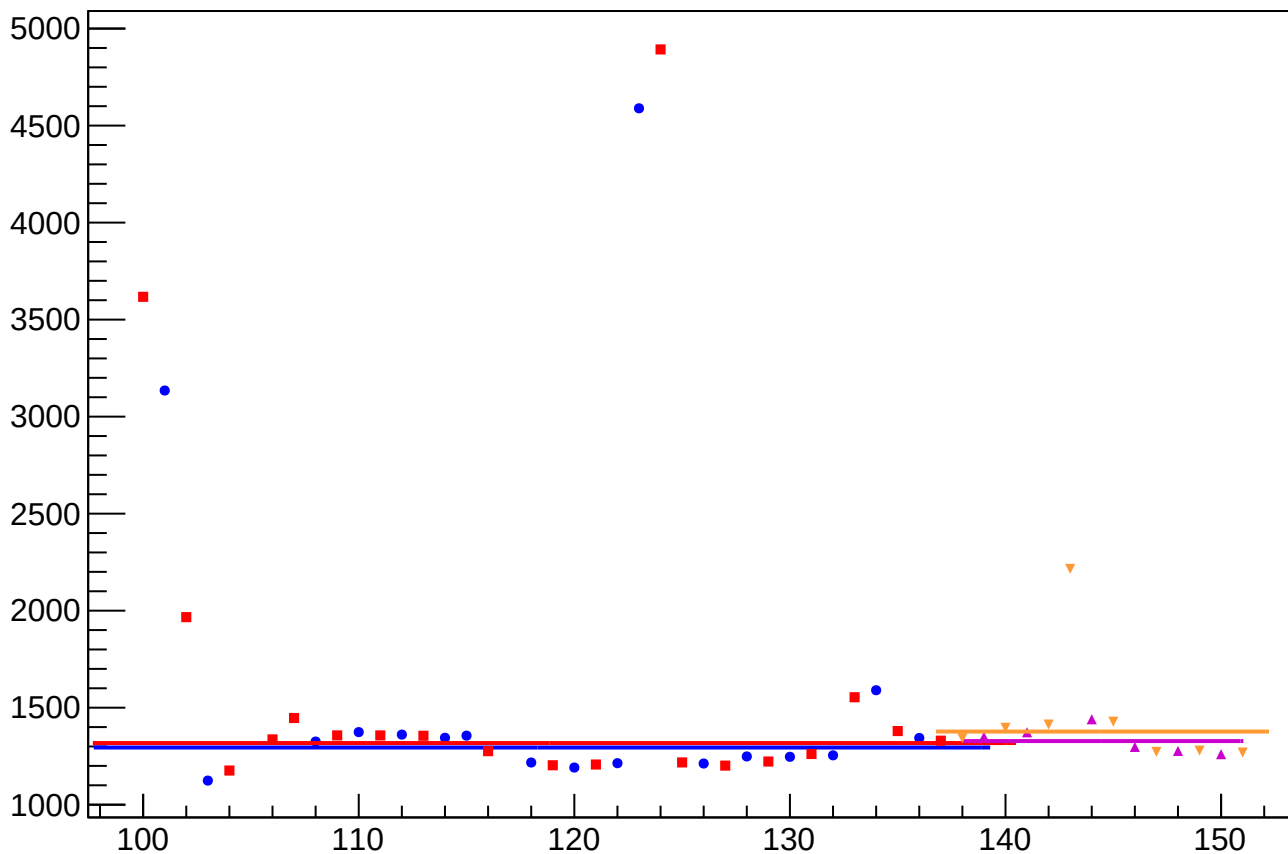
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -68.103 $\pm$ 388.936 χ^2 /NDF:21.7/22

Out: -338.504 $\pm$ 380.908 χ^2 /NDF:33.3/26

All: -206.123 $\pm$ 272.136 χ^2 /NDF: 55.2/49

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: 1327.934+/-0.422 χ^2/NDF : 21061.7/5

Left: 1353.341+/-0.293 χ^2/NDF : 283754.8/13

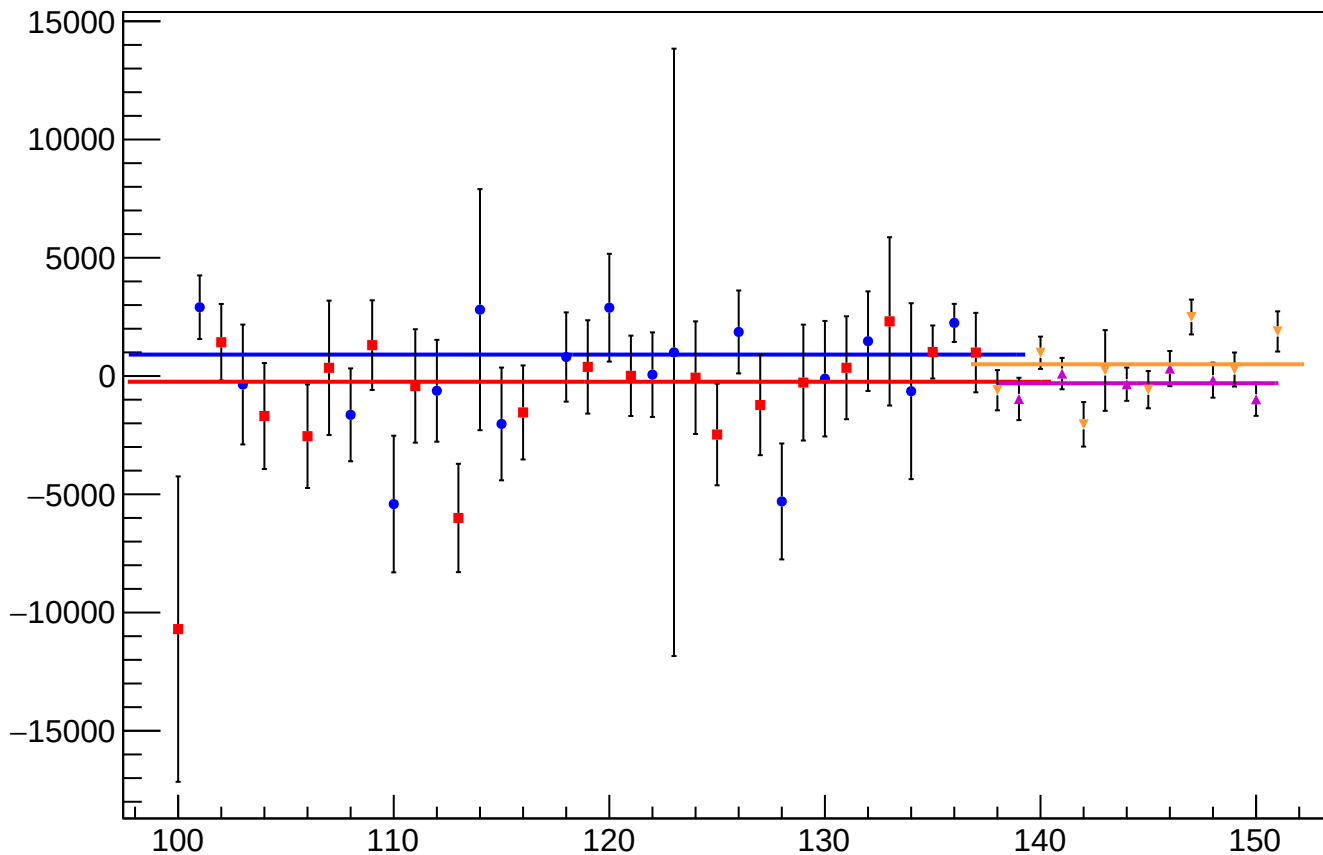
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1308.835+/-0.275 χ^2/NDF : 532427.5/22

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

All: 1326.647+/-0.192 χ^2/NDF : 1199030.4/49

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: -304.807 $\pm$ 298.483 χ^2 /NDF:2.6/5

Left: 106.333 $\pm$ 208.470 χ^2 /NDF: 27.8/13

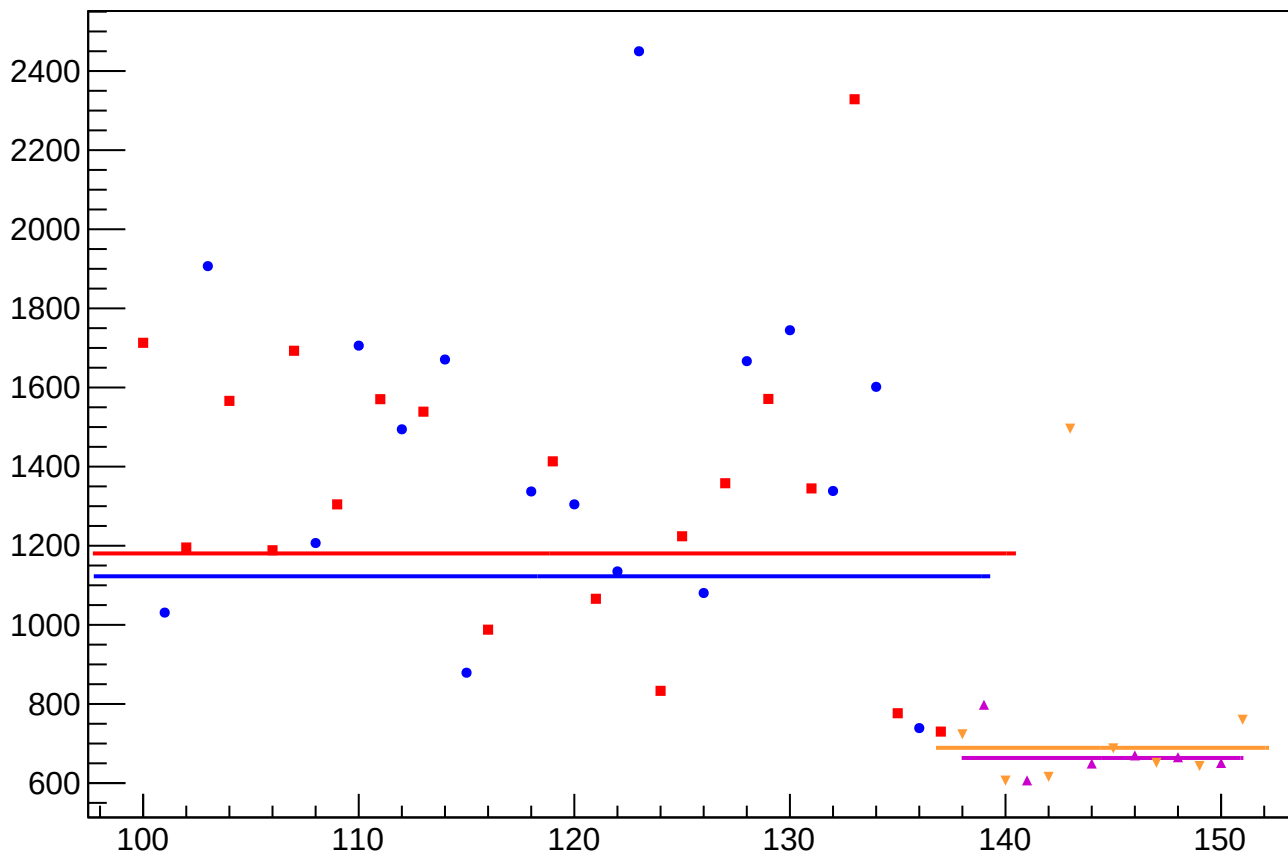
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 58.754 $\pm$ 249.712 χ^2 /NDF:29.5/22

Out: 288.216 $\pm$ 246.605 χ^2 /NDF:39.8/26

All: 174.921 $\pm$ 175.464 χ^2 /NDF: 69.7/49

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: 663.526+/-0.211 χ^2/NDF : 61360.7/5

Left: 676.677+/-0.147 χ^2/NDF : 588130.9/13

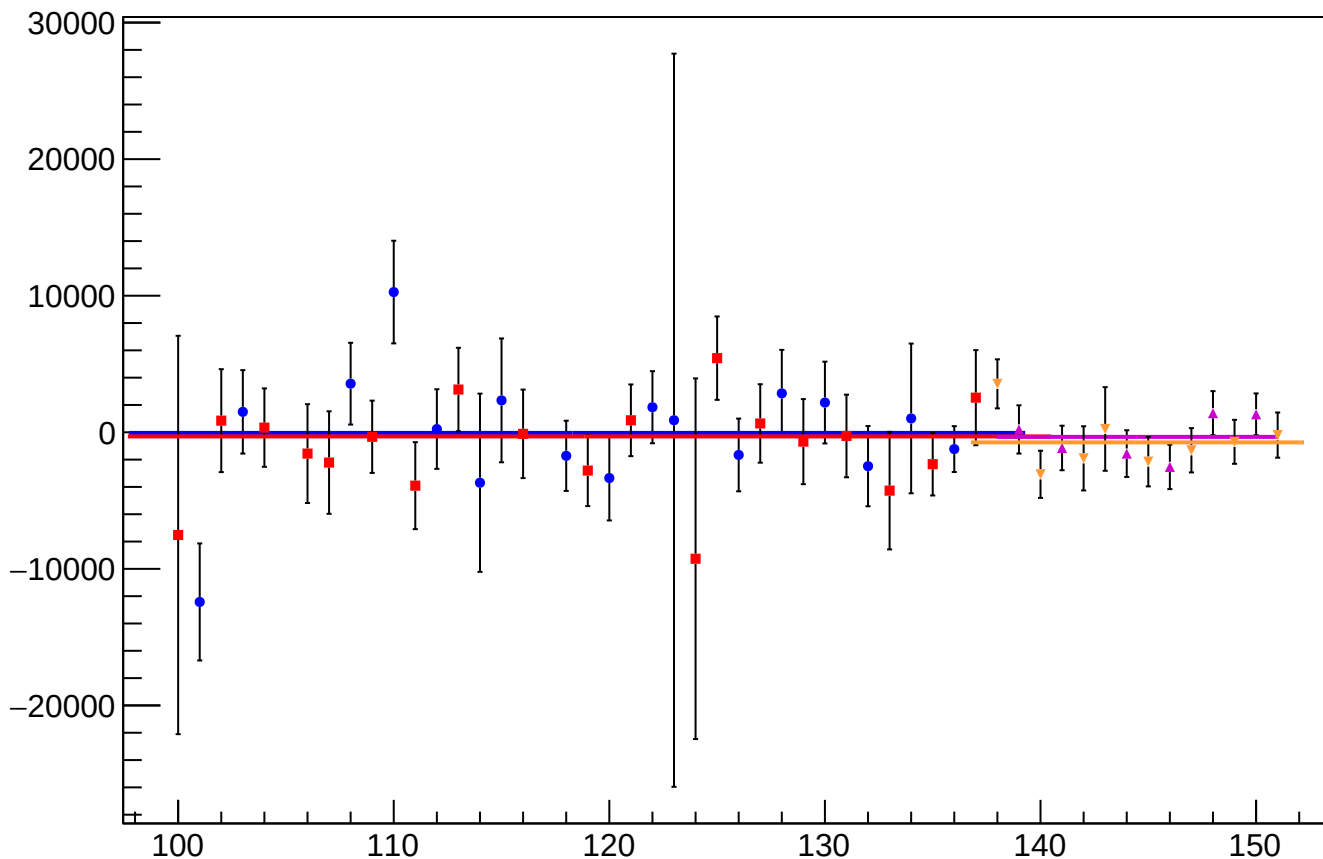
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 801.343+/-0.177 χ^2/NDF : 2670174.6/22

Out: 828.389+/-0.174 χ^2/NDF : 3166589.0/26

All: 815.035+/-0.124 χ^2/NDF : 5848641.7/49

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: -335.769+/-669.631 χ^2/NDF : 5.0/5

Left: -543.133+/-466.281 χ^2/NDF : 13.9/13

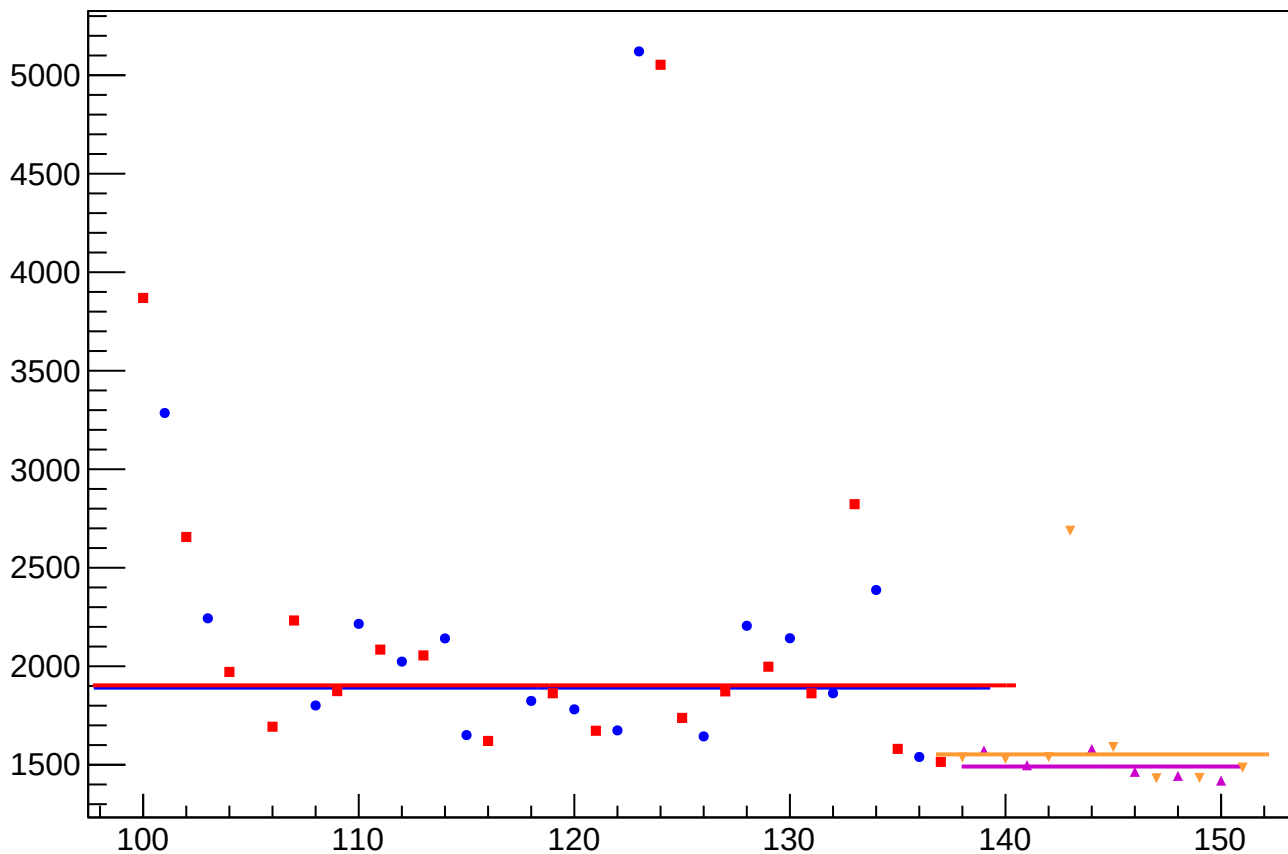
Right: -176.341+/-523.921 χ^2/NDF : 34.1/35

In: -206.049+/-498.793 χ^2/NDF : 28.3/22

Out: -547.542+/-486.612 χ^2/NDF : 19.8/26

All: -381.016+/-348.313 χ^2/NDF : 48.3/49

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: 1491.128+/-0.474 χ^2/NDF : 16350.4/5

Left: 1522.888+/-0.330 χ^2/NDF : 326875.4/13

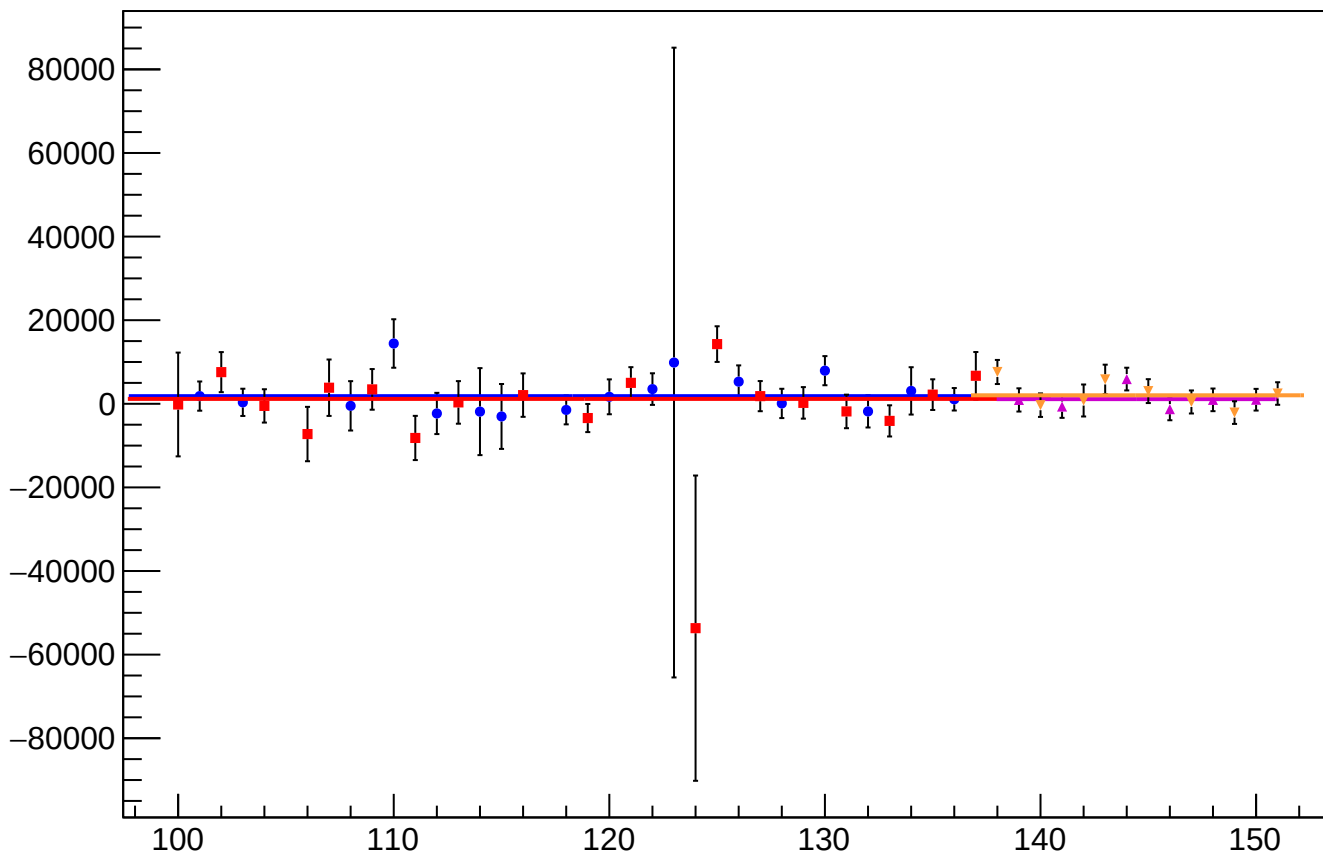
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1669.433+/-0.353 χ^2/NDF : 803981.9/22

Out: 1706.523+/-0.344 χ^2/NDF : 1017086.2/26

All: 1688.437+/-0.246 χ^2/NDF : 1826734.3/49

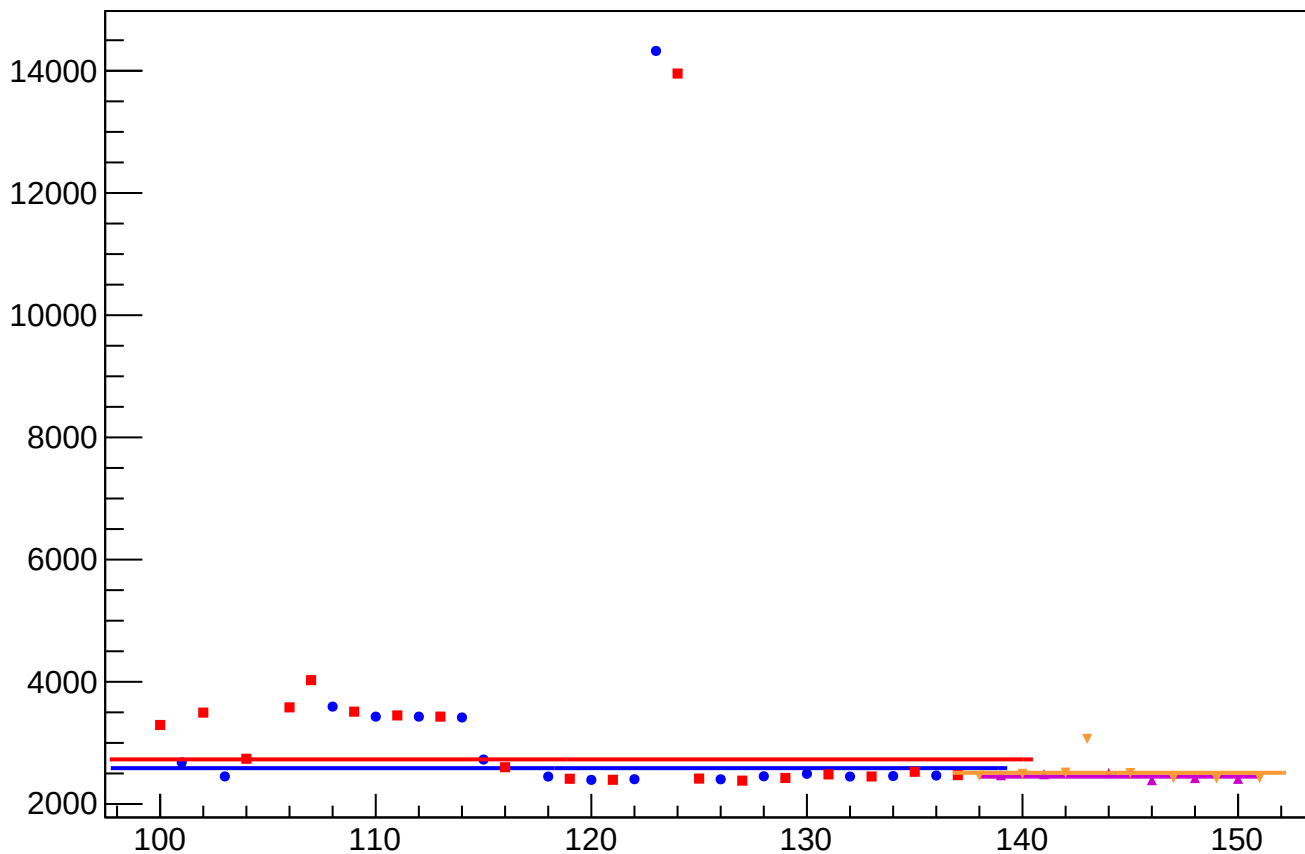
dit_asym_atl1_mean vs Slug, Sign Corrected



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: 1118.789 $\pm$ 1098.731 χ^2 /NDF:4.4/5

Left: 1601.603 $\pm$ 755.394 χ^2 /NDF: 13.3/13
 Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35
 In: 1501.523 $\pm$ 743.638 χ^2 /NDF:17.2/22
 Out: 1606.263 $\pm$ 737.657 χ^2 /NDF:34.4/26
 All: 1554.316 $\pm$ 523.704 χ^2 /NDF: 51.5/49

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2/NDF : 254112.7/16

Left Out: 2510.897 $\pm$ 0.736 χ^2/NDF : 56766.1/7

Right Out: 2730.484 $\pm$ 0.740 χ^2/NDF : 584993.0/18

Left In: 2447.719 $\pm$ 0.777 χ^2/NDF : 2991.9/5

Left: 2481.034 $\pm$ 0.534 χ^2/NDF : 63245.1/13

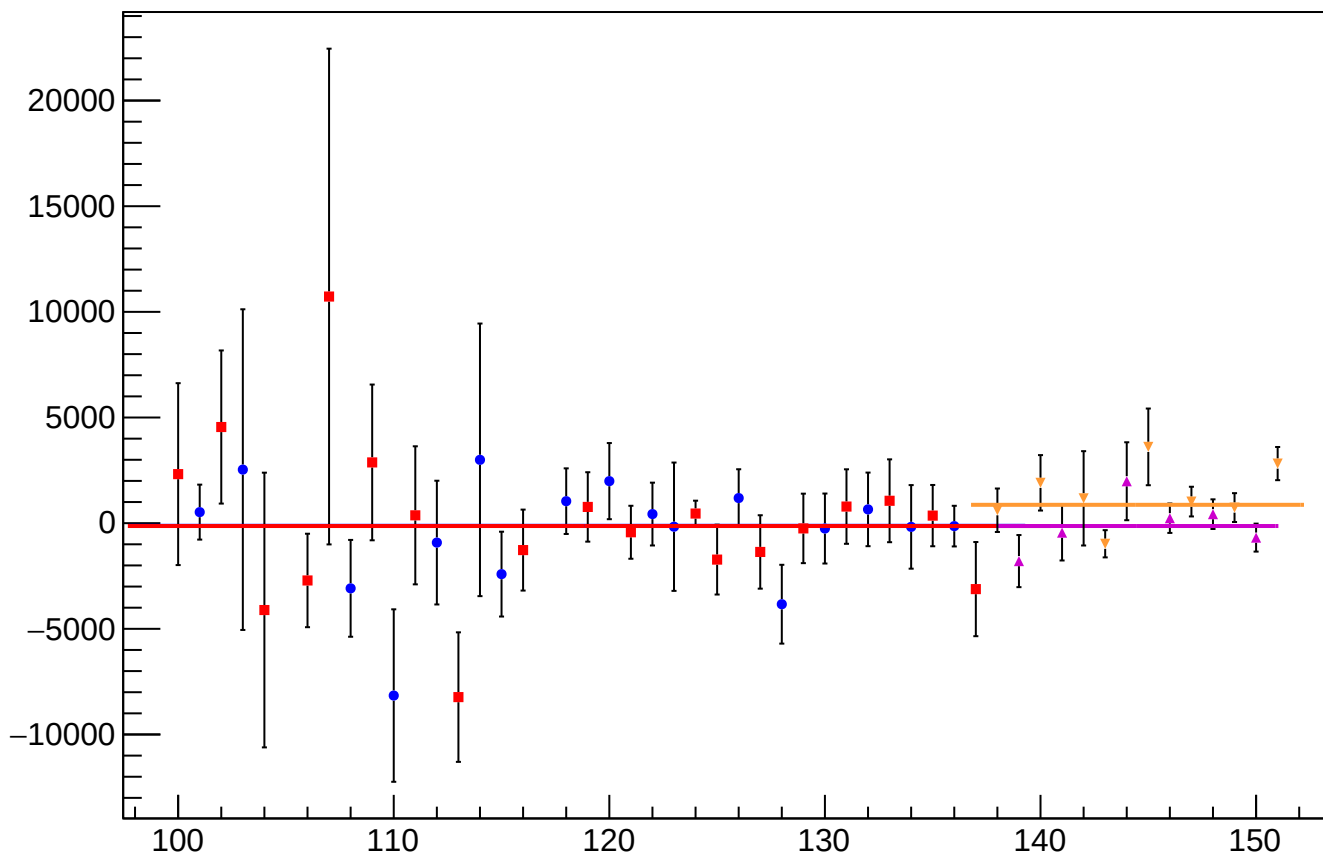
Right: 2656.218 $\pm$ 0.514 χ^2/NDF : 858580.5/35

In: 2523.187 $\pm$ 0.526 χ^2/NDF : 274515.9/22

Out: 2620.065 $\pm$ 0.522 χ^2/NDF : 686065.0/26

All: 2572.017 $\pm$ 0.370 χ^2/NDF : 977690.0/49

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2 /NDF: 14.7/16

Left Out: 868.703 $\pm$ 312.570 χ^2 /NDF:17.5/7

Right Out: -135.340 $\pm$ 379.439 χ^2 /NDF: 17.9/18

Left In: -134.742 $\pm$ 355.753 χ^2 /NDF:4.8/5

Left: 431.548 $\pm$ 234.812 χ^2 /NDF: 26.7/13

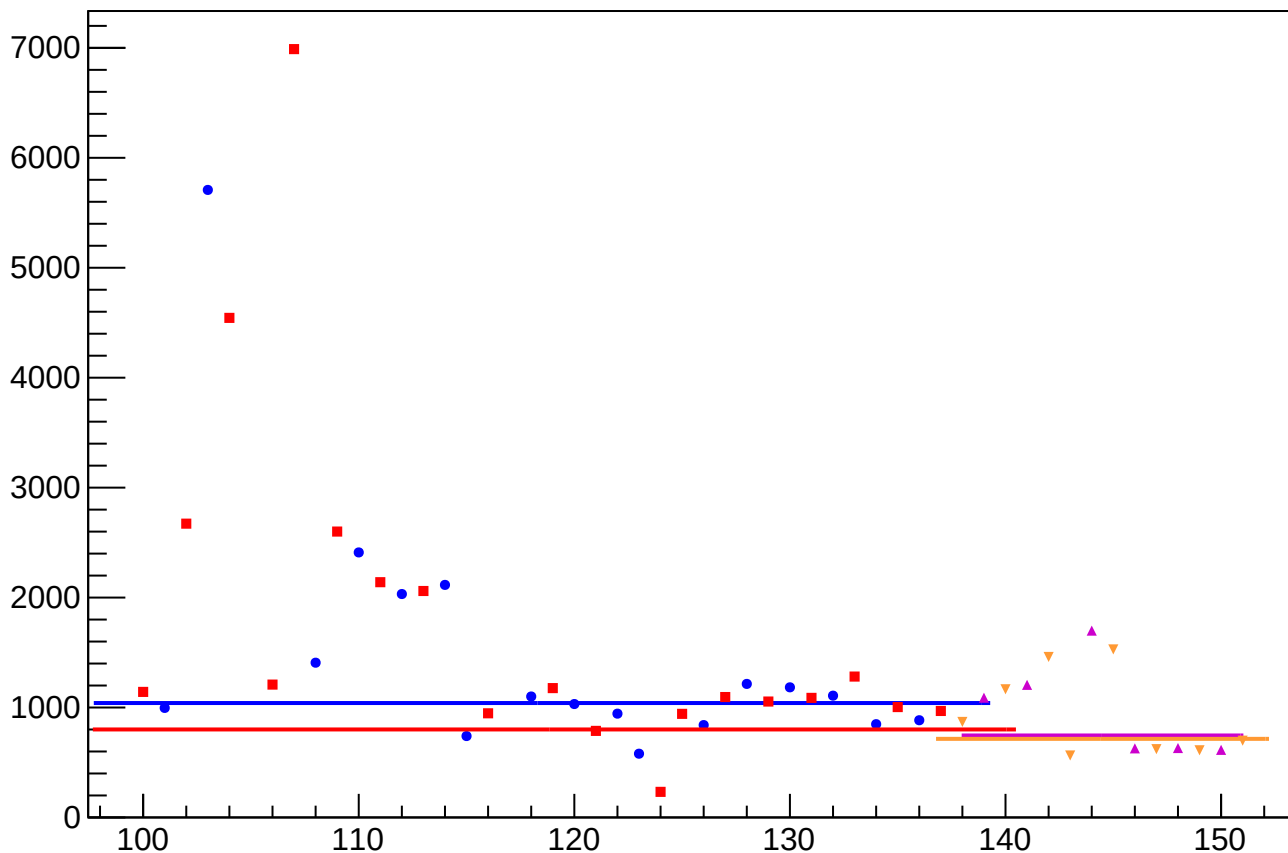
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

In: -130.578 $\pm$ 274.301 χ^2 /NDF:19.5/22

Out: 462.805 $\pm$ 241.254 χ^2 /NDF:39.5/26

All: 203.994 $\pm$ 181.155 χ^2 /NDF: 61.6/49

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: 745.635+/-0.252 χ^2/NDF : 1122061.0/5

Left: 728.311+/-0.166 χ^2/NDF : 2229411.2/13

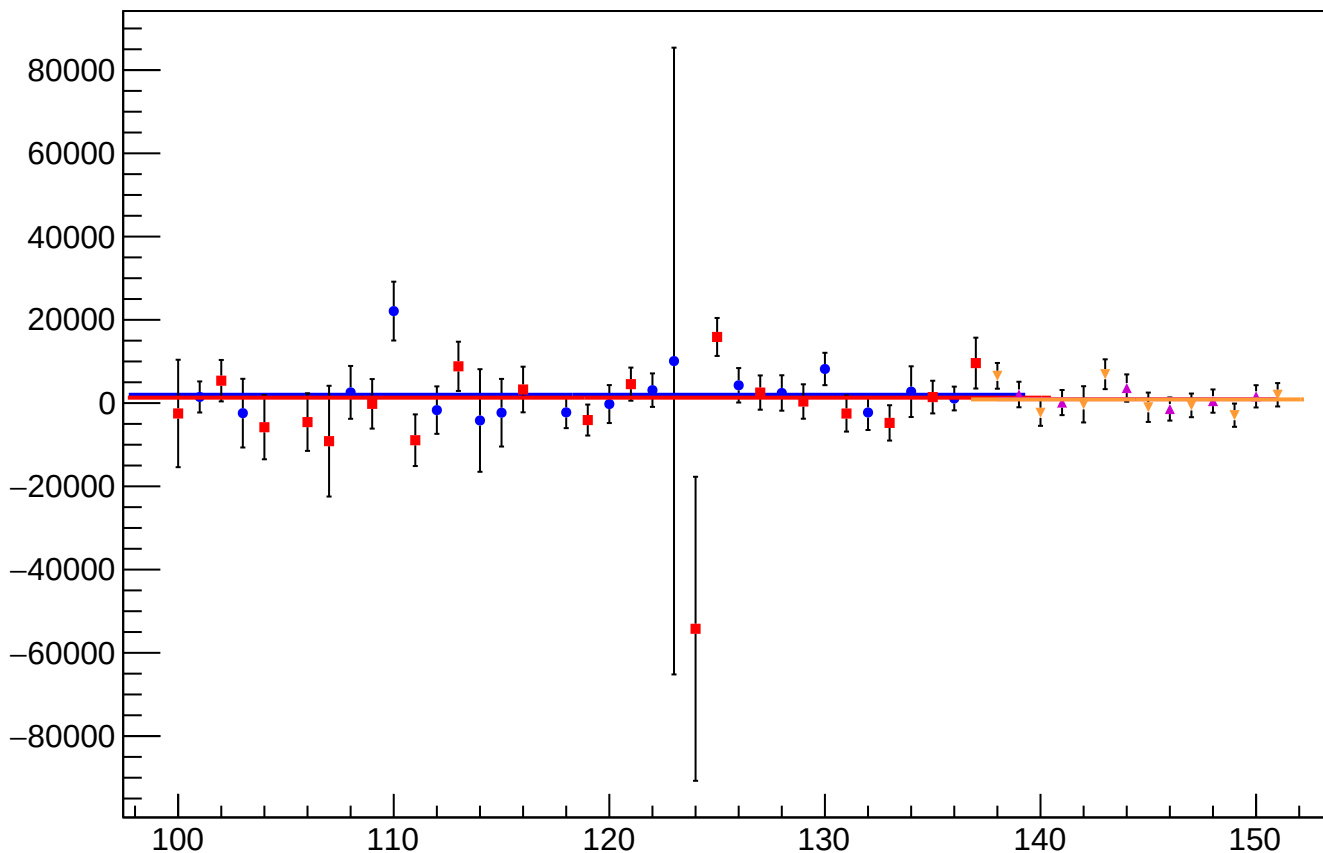
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 865.306+/-0.194 χ^2/NDF : 3253217.5/22

Out: 749.490+/-0.171 χ^2/NDF : 6346427.1/26

All: 800.004+/-0.128 χ^2/NDF : 9800678.4/49

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: 954.486+/-1190.190 χ^2/NDF : 1.7/5

Left: 915.695+/-815.870 χ^2/NDF : 11.6/13

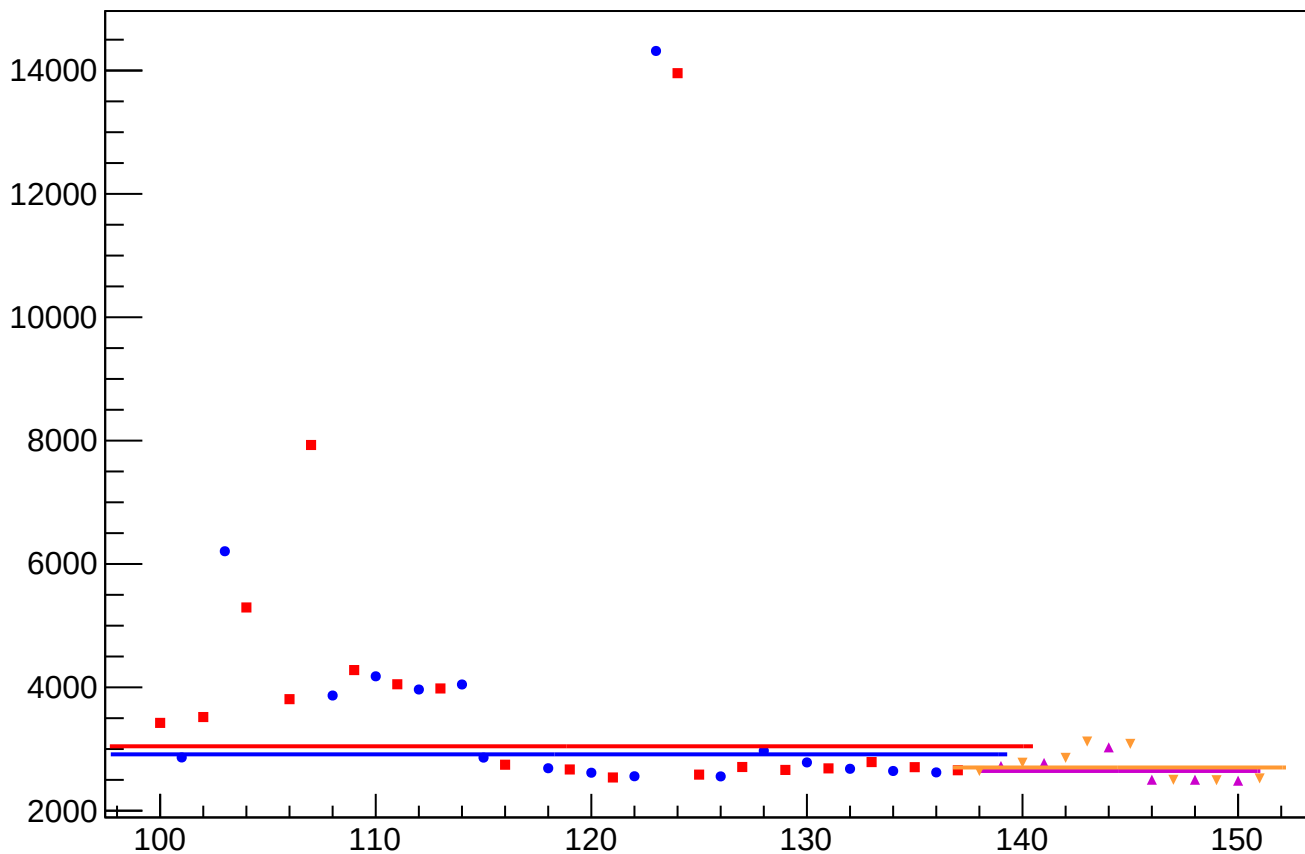
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1490.979+/-828.890 χ^2/NDF : 17.0/22

Out: 1080.264+/-815.375 χ^2/NDF : 37.5/26

All: 1282.246+/-581.277 χ^2/NDF : 54.6/49

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: 2644.466+/-0.842 χ^2/NDF : 49632.5/5

Left: 2674.308+/-0.577 χ^2/NDF : 136361.3/13

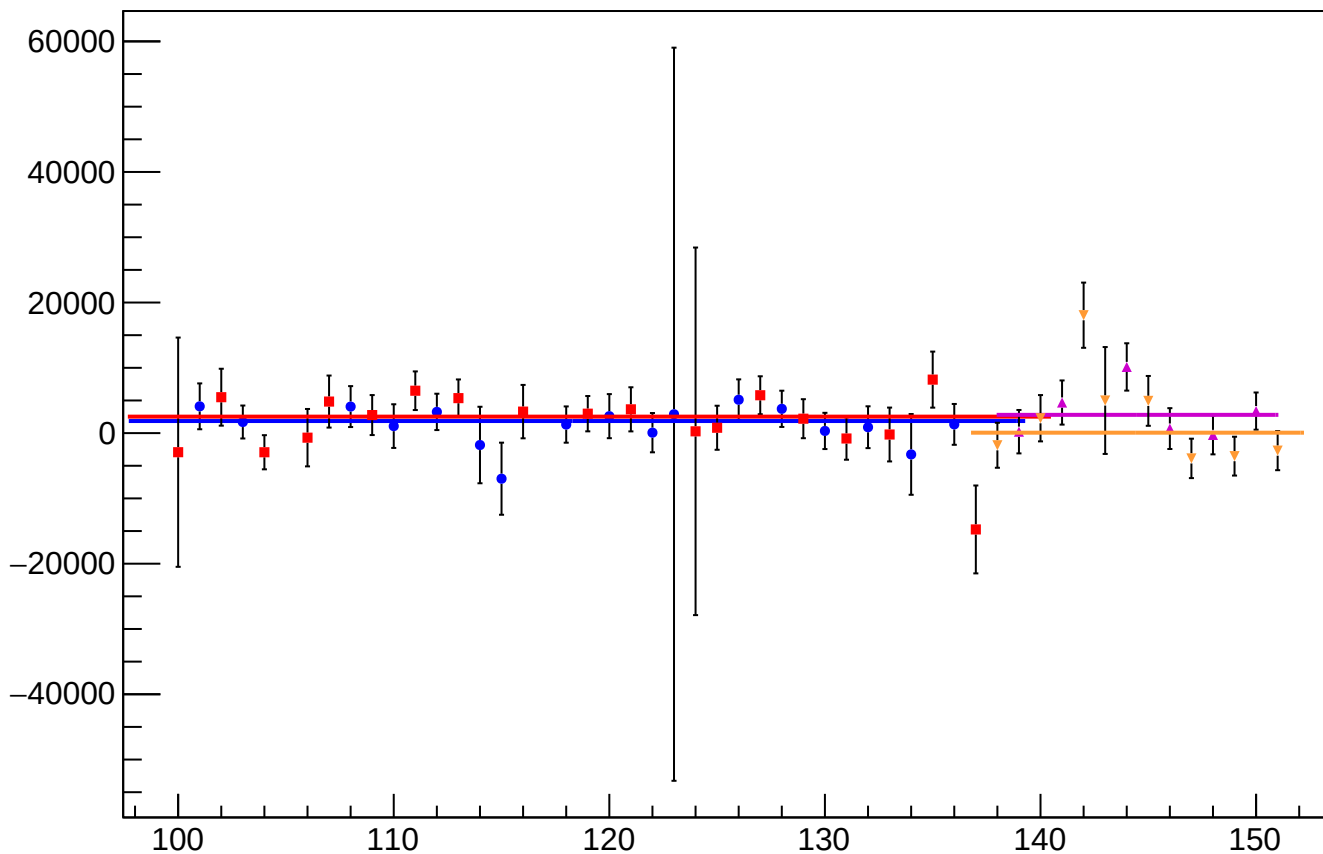
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2783.206+/-0.586 χ^2/NDF : 741390.2/22

Out: 2862.494+/-0.577 χ^2/NDF : 1178222.7/26

All: 2823.502+/-0.411 χ^2/NDF : 1928913.4/49

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 65.024 $\pm$ 1268.566 χ^2 /NDF:19.7/7

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2797.273 $\pm$ 1299.576 χ^2 /NDF:6.6/5

Left: 1398.162 $\pm$ 907.777 χ^2 /NDF: 28.5/13

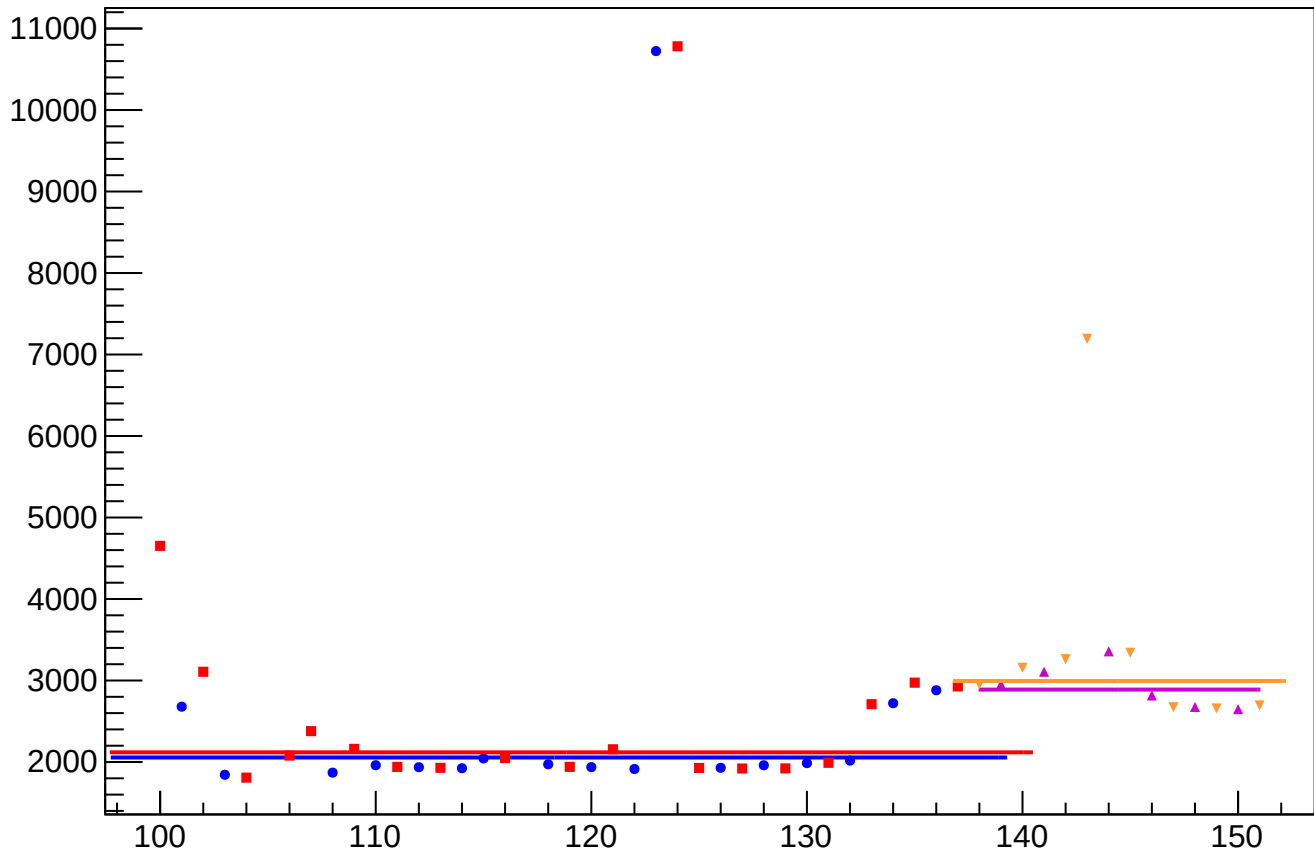
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2113.574 $\pm$ 685.425 χ^2 /NDF:14.2/22

Out: 1800.809 $\pm$ 687.725 χ^2 /NDF:42.4/26

All: 1957.715 $\pm$ 485.480 χ^2 /NDF: 56.7/49

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: 2888.560+/-0.919 χ^2/NDF : 68077.1/5

Left: 2942.448+/-0.642 χ^2/NDF : 695938.0/13

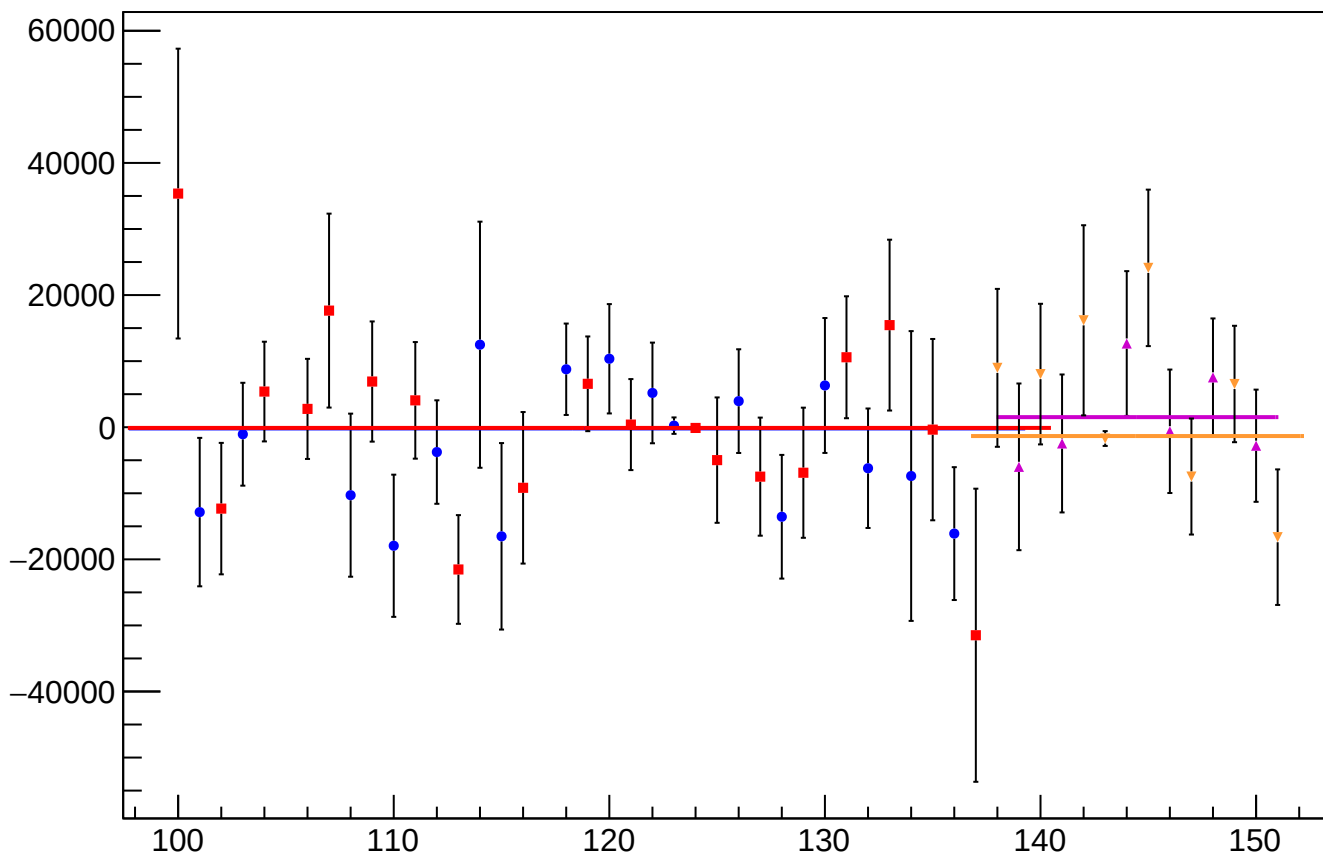
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2287.197+/-0.485 χ^2/NDF : 977750.8/22

Out: 2375.421+/-0.486 χ^2/NDF : 1867318.9/26

All: 2331.208+/-0.343 χ^2/NDF : 2861599.0/49

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: 1524.786+/-4026.497 χ^2/NDF : 2.3/5

Left: -1145.868+/-1043.251 χ^2/NDF : 14.0/13

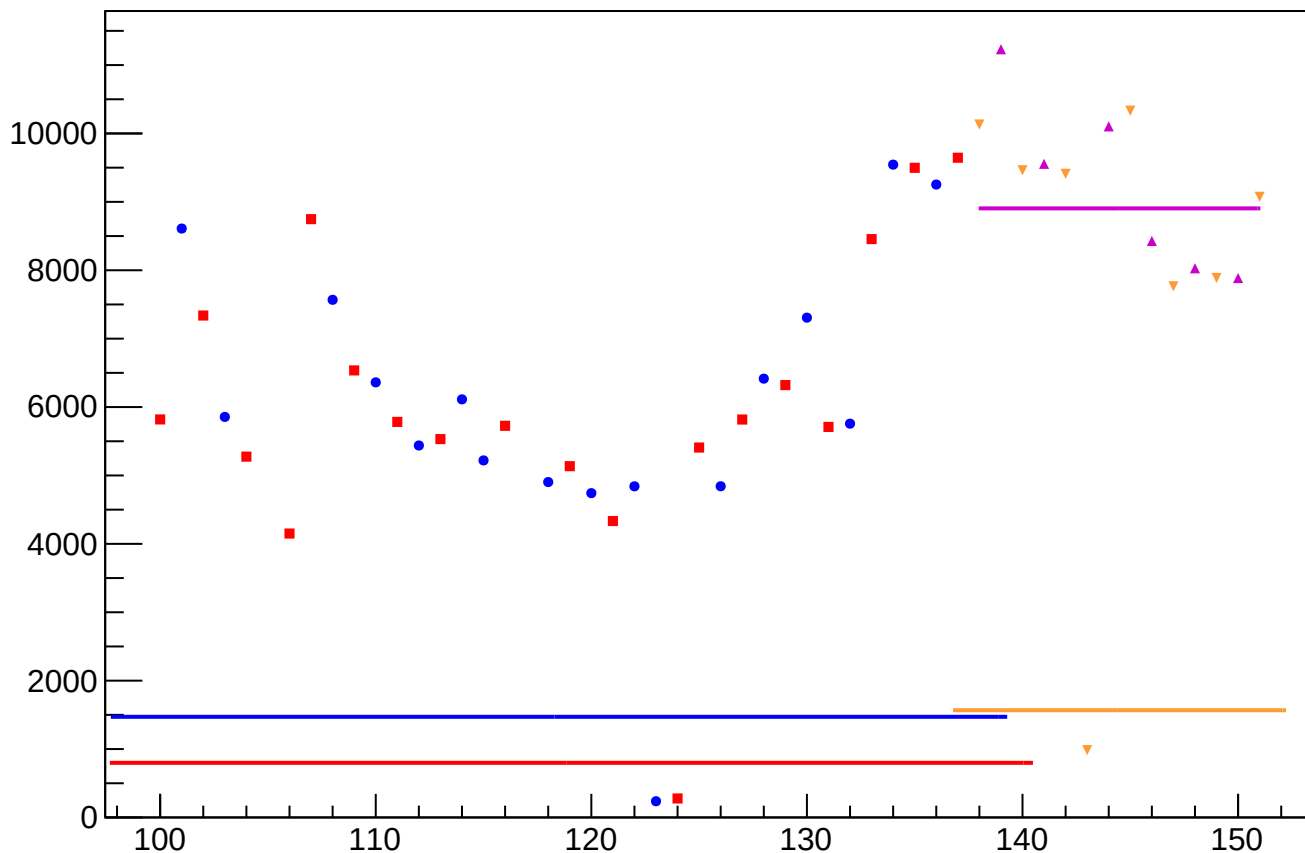
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -66.328+/-1061.815 χ^2/NDF : 18.9/22

Out: -464.051+/-581.862 χ^2/NDF : 33.7/26

All: -372.201+/-510.270 χ^2/NDF : 52.7/49

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 1567.437 $\pm$ 0.764 χ^2 /NDF: 7455284.3/7

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 8904.648 $\pm$ 2.847 χ^2 /NDF: 153005.7/5

Left: 2059.991 $\pm$ 0.738 χ^2 /NDF: 13803528.3/13

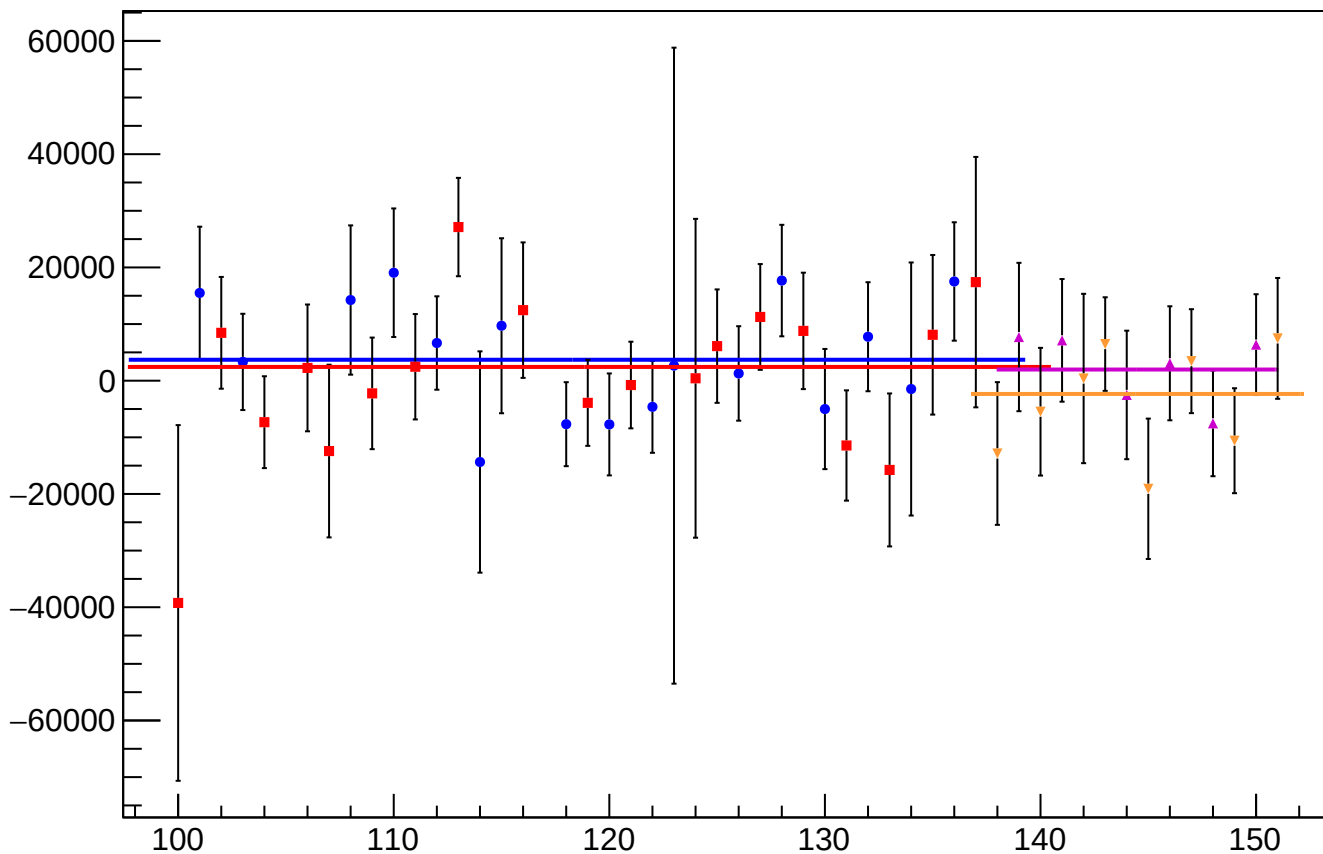
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 1988.512 $\pm$ 0.751 χ^2 /NDF: 16282954.9/22

Out: 1021.740 $\pm$ 0.411 χ^2 /NDF: 19701943.4/26

All: 1245.008 $\pm$ 0.361 χ^2 /NDF: 37259986.3/4

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: 1971.767+/-4222.561 χ^2/NDF : 1.9/5

Left: -453.068+/-2793.123 χ^2/NDF : 8.3/13

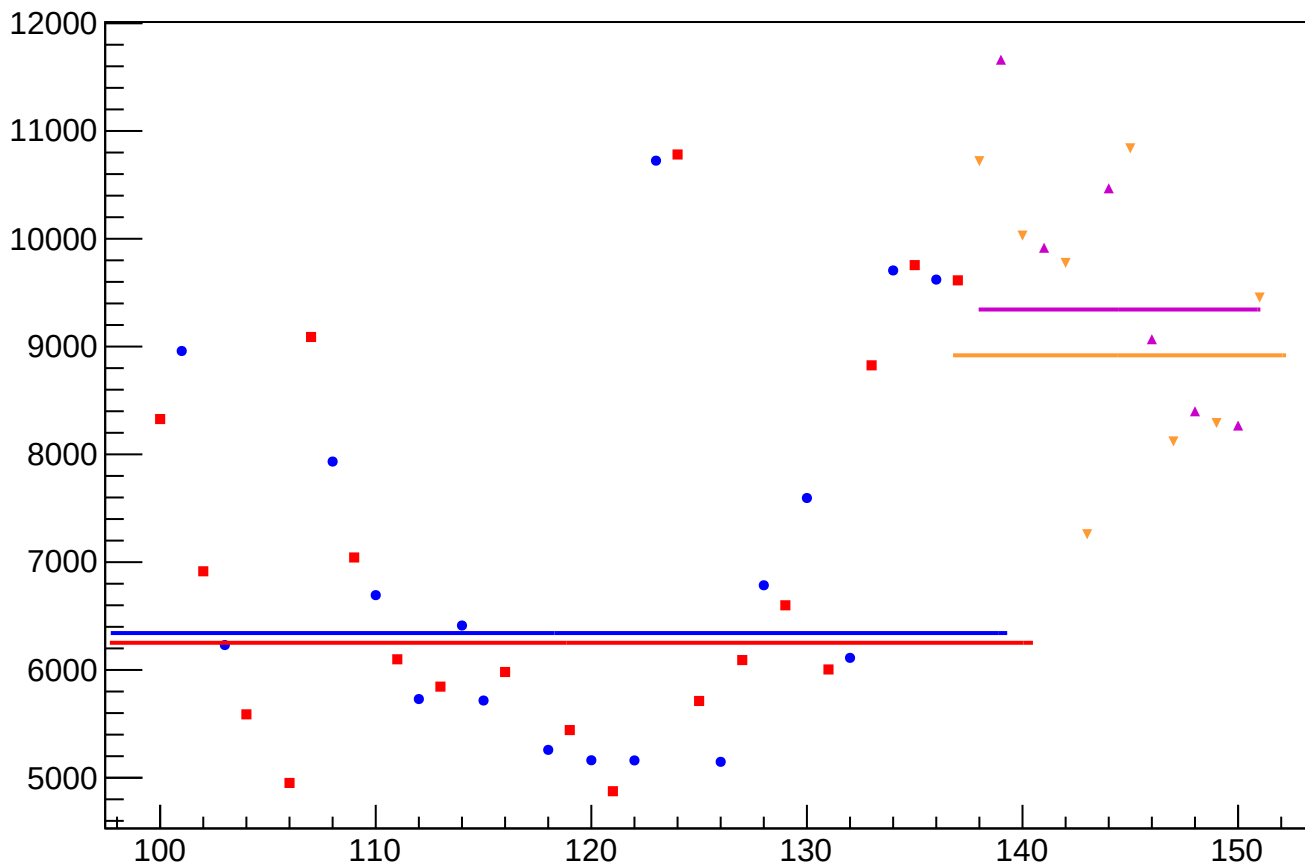
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3245.516+/-2162.638 χ^2/NDF : 16.4/22

Out: 1013.084+/-2030.072 χ^2/NDF : 27.3/26

All: 2058.785+/-1480.125 χ^2/NDF : 44.2/49

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: 9343.748+/-2.986 χ^2/NDF : 139035.7/5

Left: 9104.774+/-1.975 χ^2/NDF : 375349.1/13

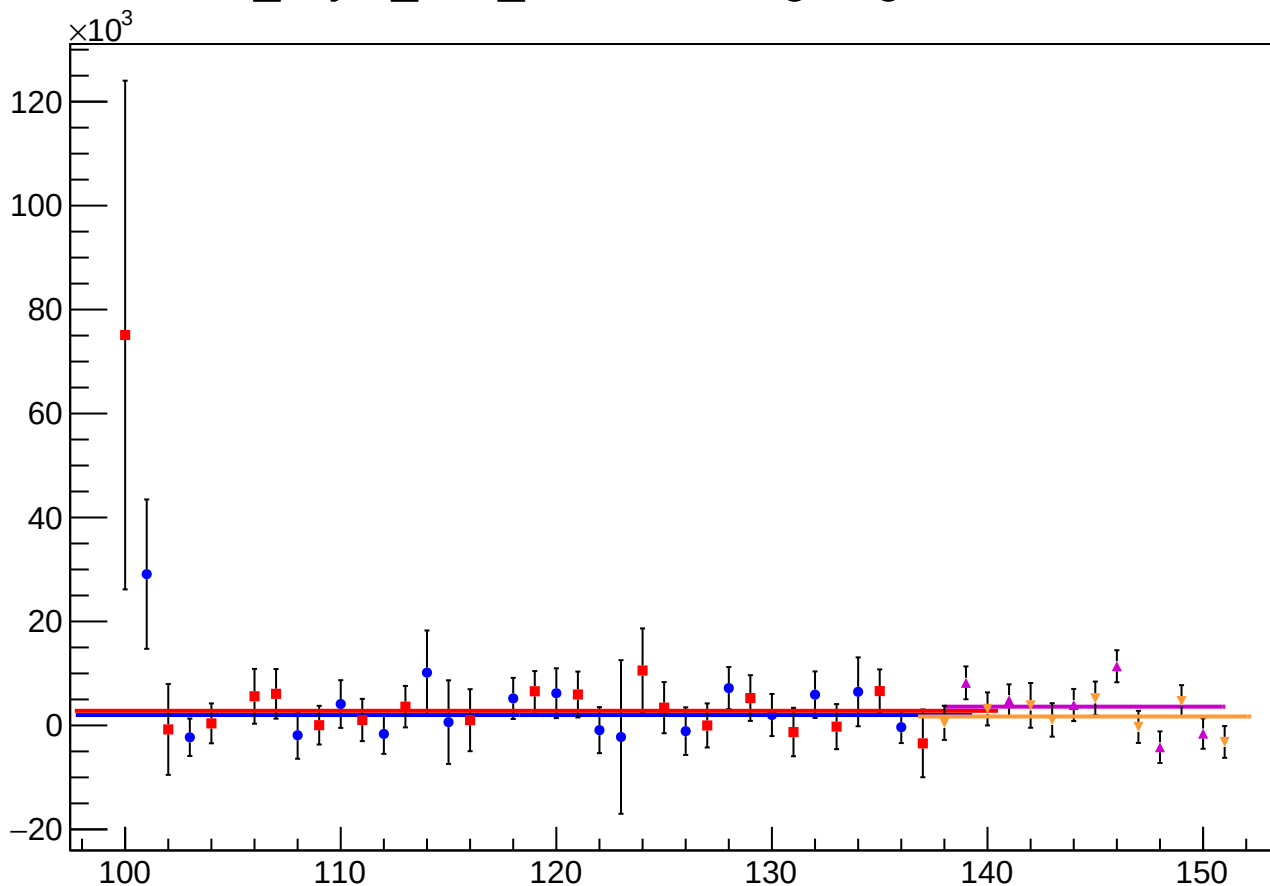
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7129.625+/-1.529 χ^2/NDF : 1478134.4/22

Out: 7044.414+/-1.435 χ^2/NDF : 1483708.2/26

All: 7084.327+/-1.047 χ^2/NDF : 2963493.2/49

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 1717.471+/-1149.454 χ^2/NDF : 5.7/7

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 3607.645+/-1247.549 χ^2/NDF : 18.3/5

Left: 2585.333+/-845.341 χ^2/NDF : 25.3/13

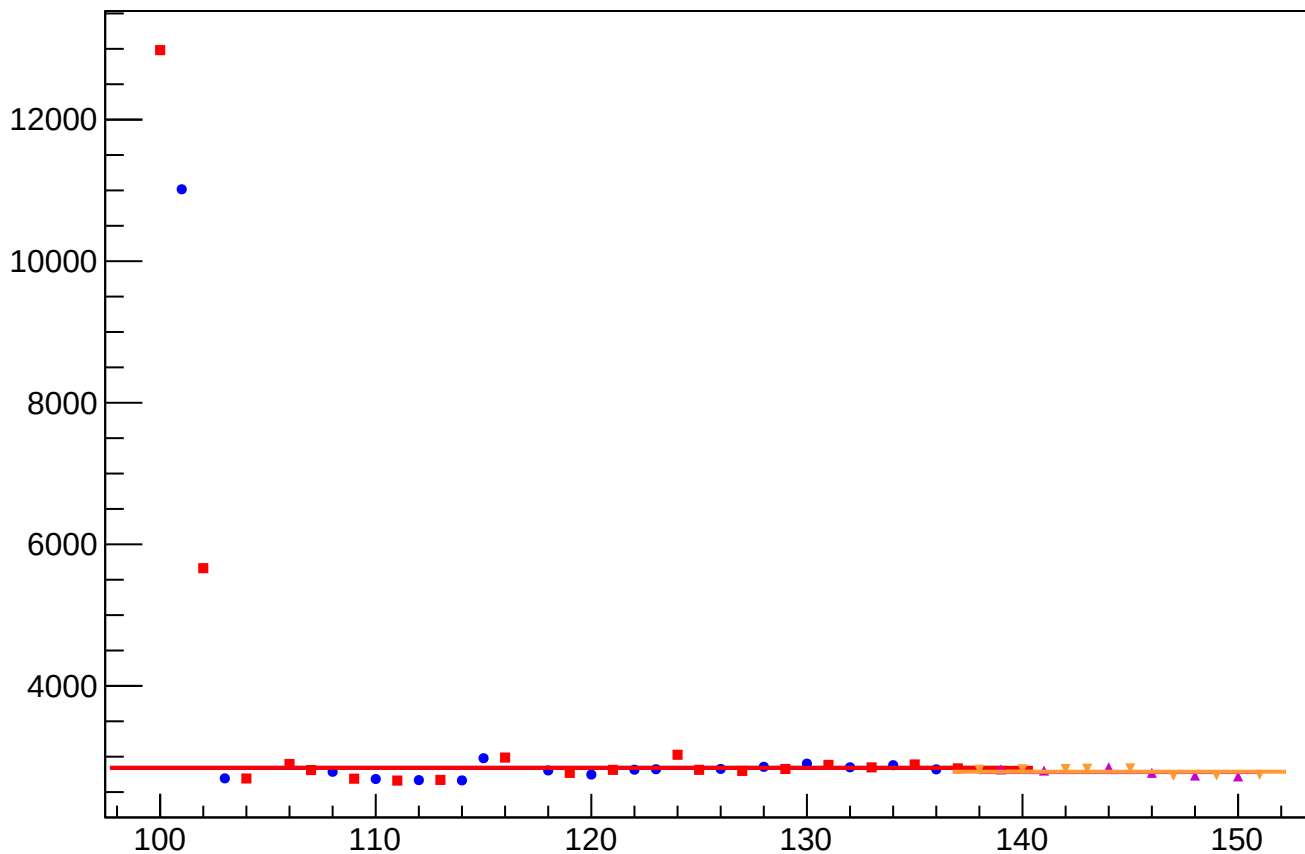
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2723.839+/-835.648 χ^2/NDF : 33.0/22

Out: 2295.348+/-789.606 χ^2/NDF : 16.7/26

All: 2497.465+/-573.923 χ^2/NDF : 49.8/49

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: 2782.373+/-0.882 χ^2/NDF : 2770.0/5

Left: 2785.216+/-0.598 χ^2/NDF : 5825.1/13

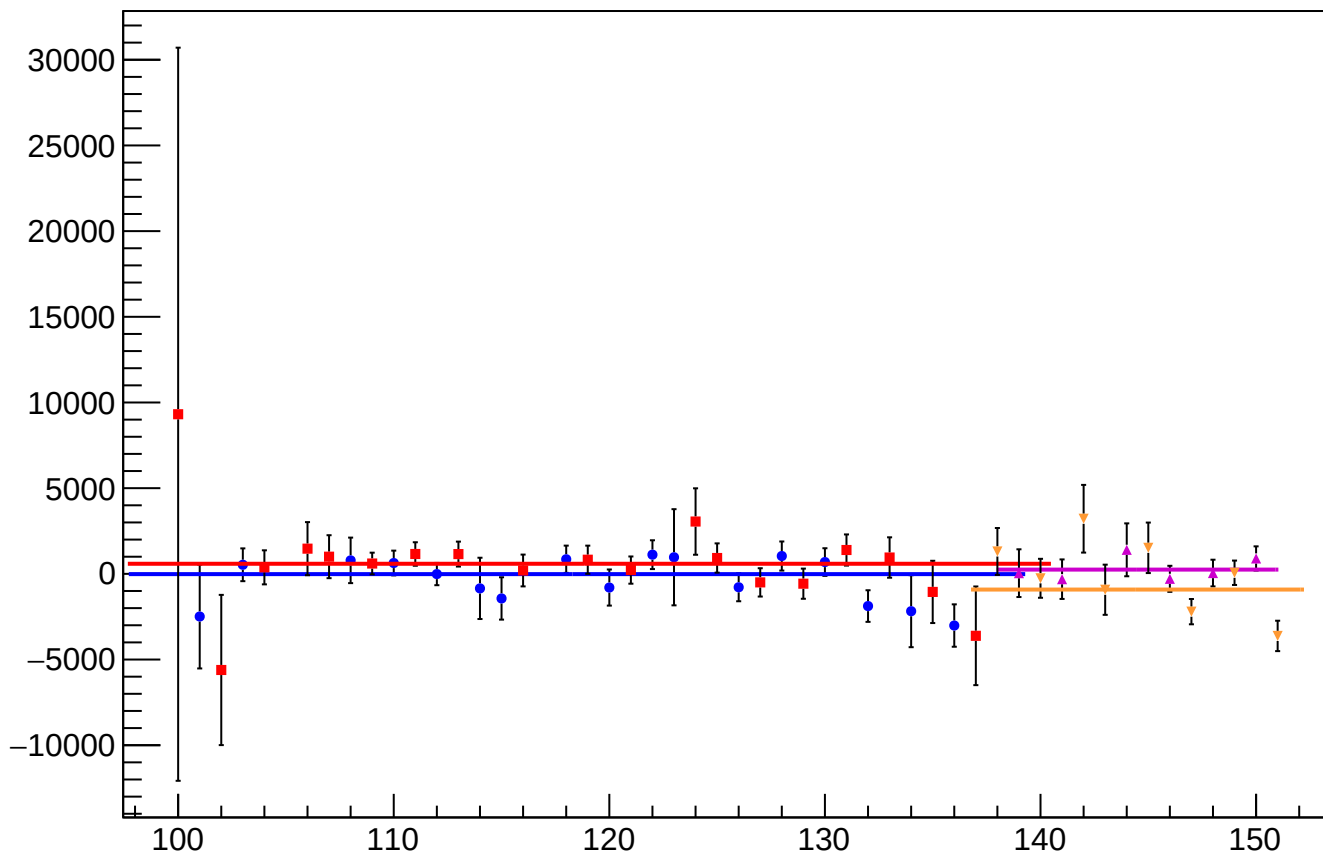
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2815.593+/-0.591 χ^2/NDF : 665647.4/22

Out: 2816.576+/-0.558 χ^2/NDF : 317773.0/26

All: 2816.112+/-0.406 χ^2/NDF : 983421.9/49

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -916.389 ± 363.342 χ^2/NDF : 24.3/7

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 248.239 ± 375.921 χ^2/NDF : 2.2/5

Left: -353.885 ± 261.256 χ^2/NDF : 31.5/13

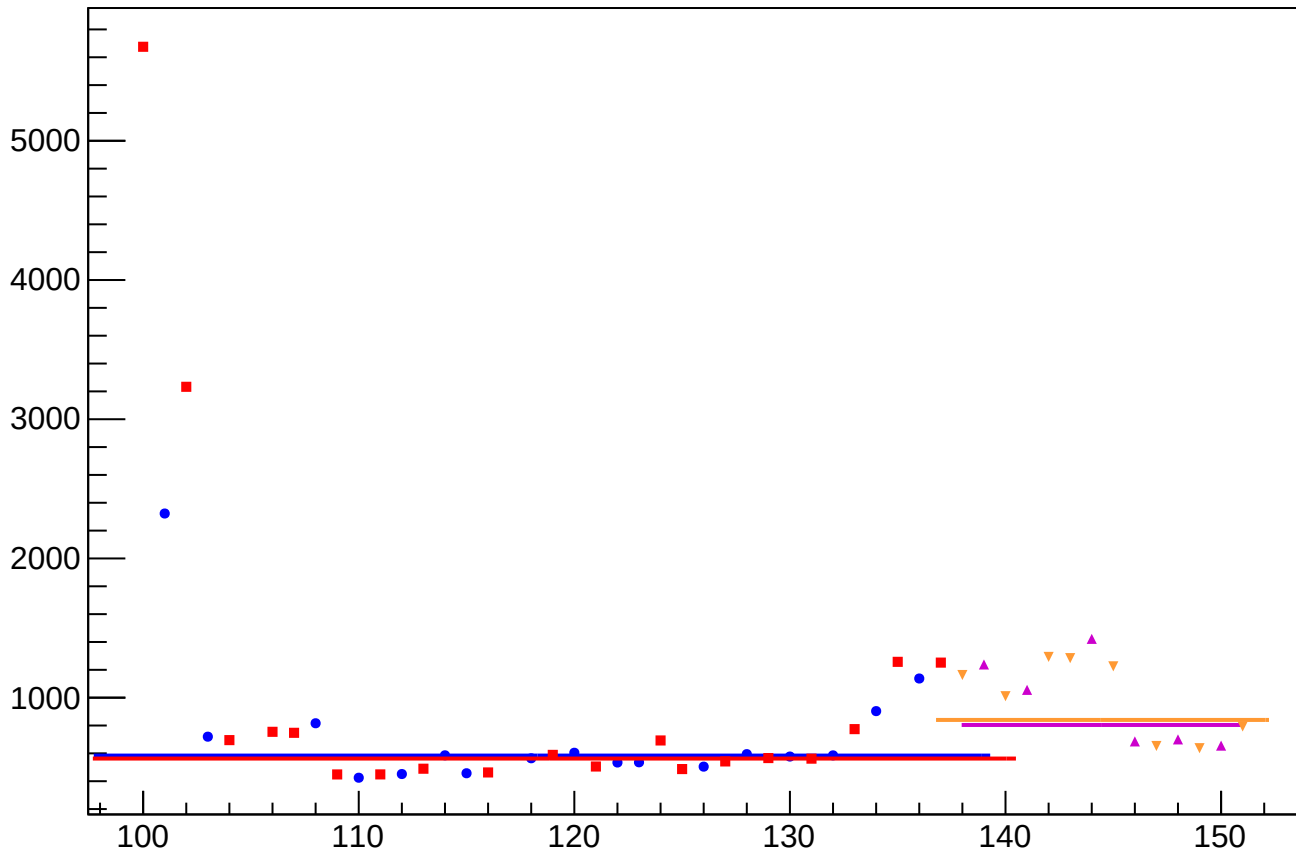
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 60.263 ± 201.606 χ^2/NDF : 24.2/22

Out: 169.293 ± 191.782 χ^2/NDF : 50.2/26

All: 117.499 ± 138.954 χ^2/NDF : 74.6/49

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: 803.998 ± 0.266 χ^2/NDF : 783869.4/5

Left: 822.682 ± 0.185 χ^2/NDF : 1672044.4/13

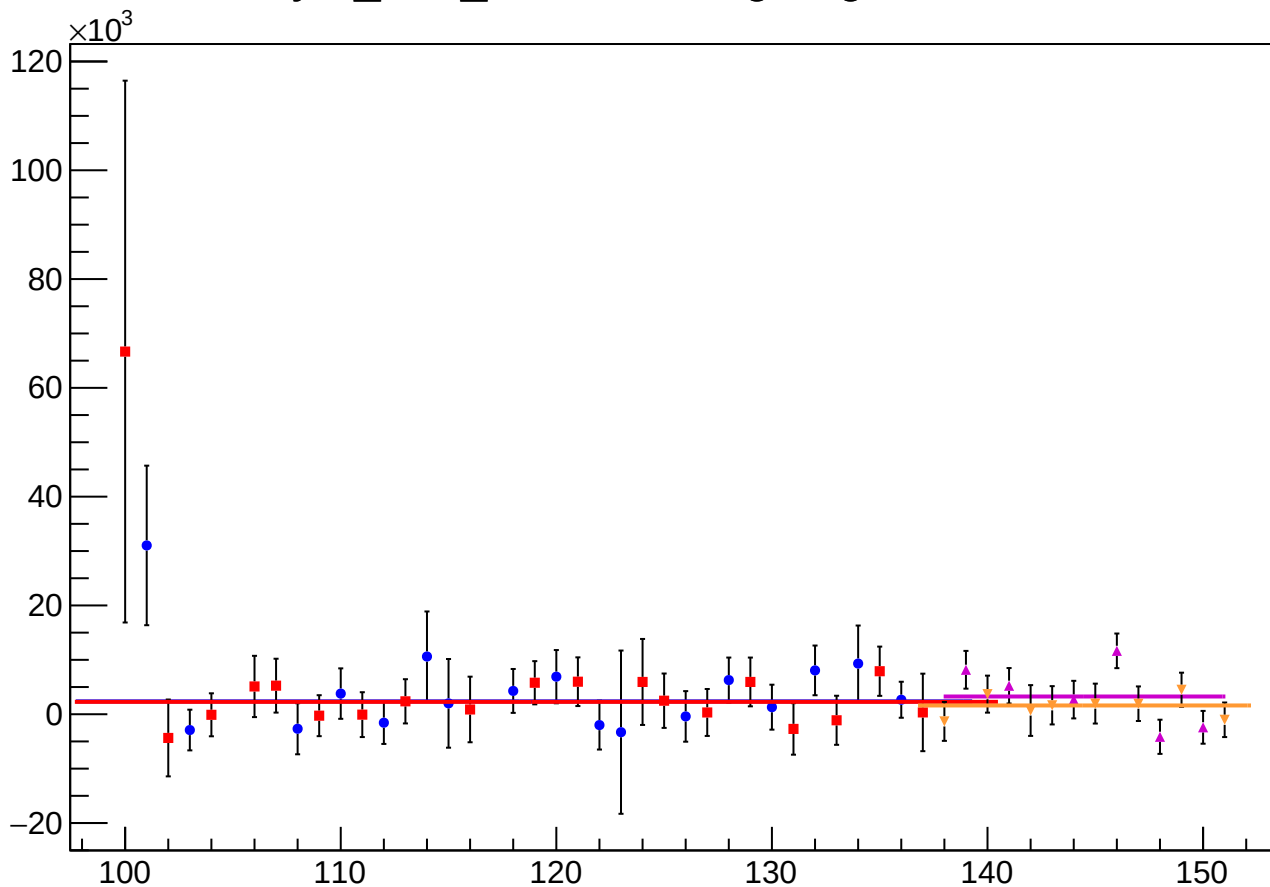
Right: 572.773 ± 0.116 χ^2/NDF : 3084624.9/35

In: 647.315 ± 0.143 χ^2/NDF : 2708202.6/22

Out: 639.988 ± 0.136 χ^2/NDF : 3359430.8/26

All: 643.469 ± 0.098 χ^2/NDF : 6069019.9/49

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 ± 1159.943 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 1612.698 ± 1226.310 $\chi^2/\text{NDF}: 2.6/7$

Right Out: 2277.507 ± 1111.658 $\chi^2/\text{NDF}: 10.2/18$

Left In: 3261.159 ± 1323.125 $\chi^2/\text{NDF}: 18.4/5$

Left: 2374.418 ± 899.413 $\chi^2/\text{NDF}: 21.9/13$

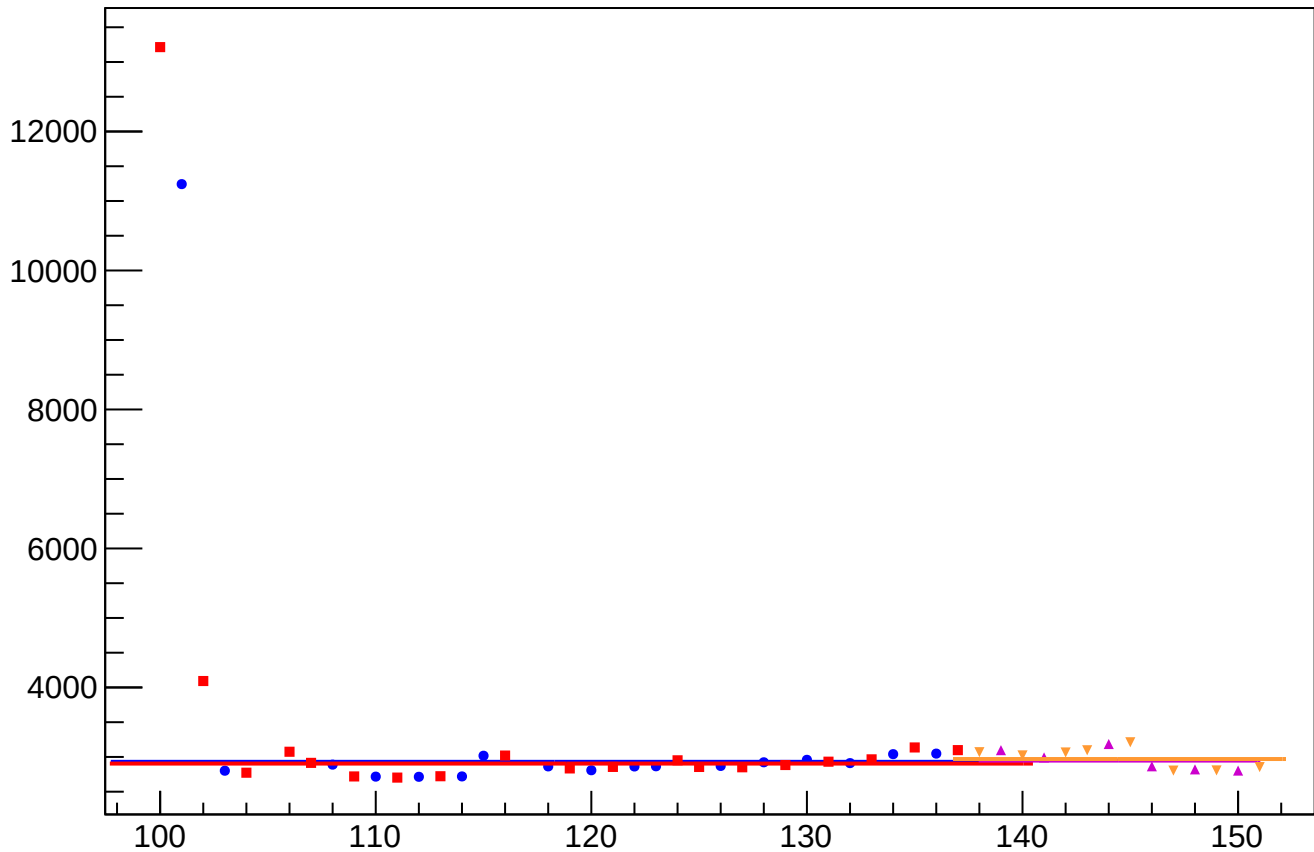
Right: 2318.341 ± 802.588 $\chi^2/\text{NDF}: 25.3/35$

In: 2753.194 ± 872.224 $\chi^2/\text{NDF}: 33.8/22$

Out: 1977.626 ± 823.619 $\chi^2/\text{NDF}: 13.0/26$

All: 2343.199 ± 598.833 $\chi^2/\text{NDF}: 47.2/49$

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: 2947.716+/-0.936 χ^2/NDF : 22782.7/5

Left: 2959.738+/-0.636 χ^2/NDF : 50693.4/13

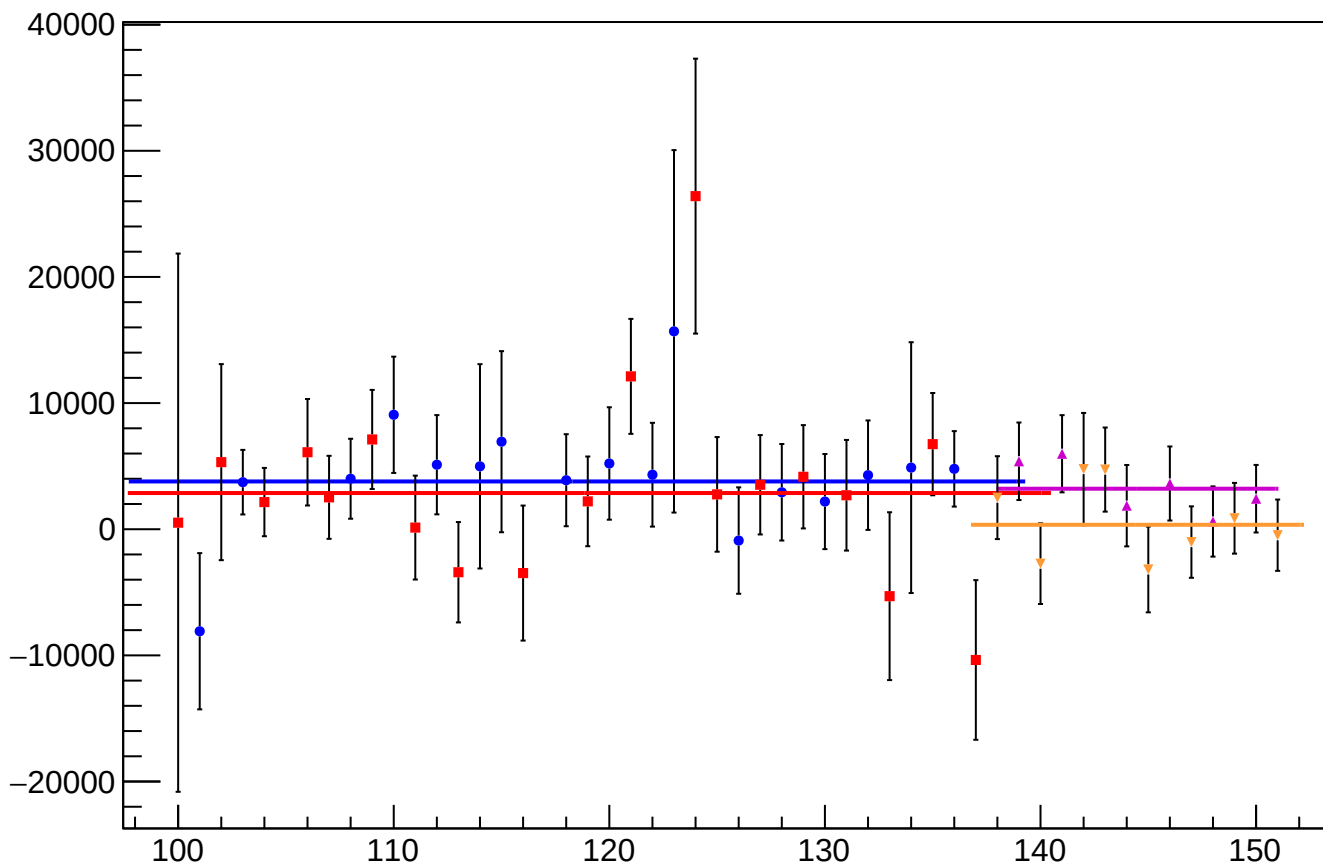
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2937.503+/-0.617 χ^2/NDF : 685622.5/22

Out: 2934.113+/-0.582 χ^2/NDF : 200023.9/26

All: 2935.711+/-0.423 χ^2/NDF : 885662.4/49

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: 3211.257 $\pm$ 1200.819 χ^2 /NDF: 2.5/5

Left: 1685.070 $\pm$ 819.827 χ^2 /NDF: 11.0/13

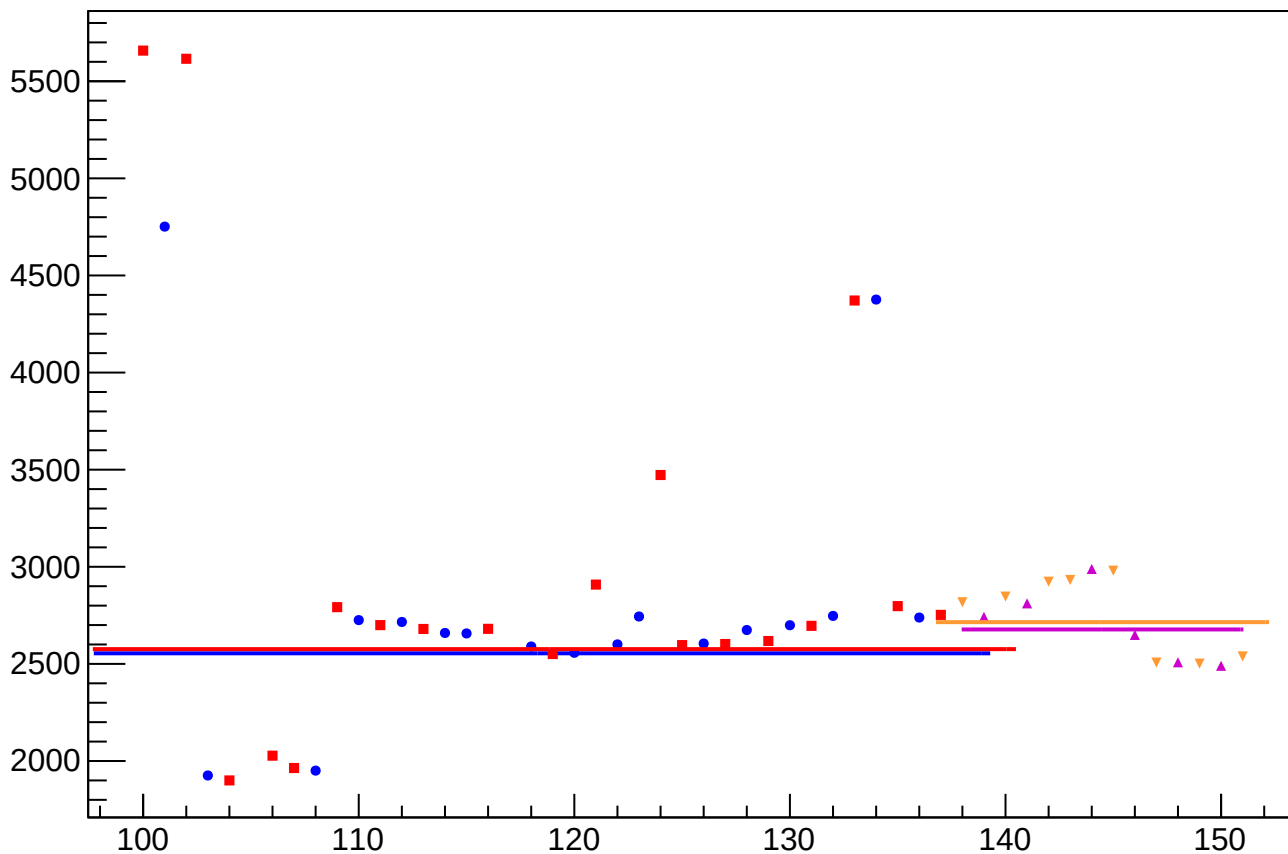
Right: 3326.309 $\pm$ 711.019 χ^2 /NDF: 30.2/35

In: 3549.468 $\pm$ 772.102 χ^2 /NDF: 10.3/22

Out: 1751.615 $\pm$ 747.763 χ^2 /NDF: 30.3/26

All: 2621.757 $\pm$ 537.147 χ^2 /NDF: 43.5/49

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: 2677.347 $\pm$ 0.849 χ^2 /NDF: 40701.2/5

Left: 2697.462 $\pm$ 0.580 χ^2 /NDF: 102280.9/13

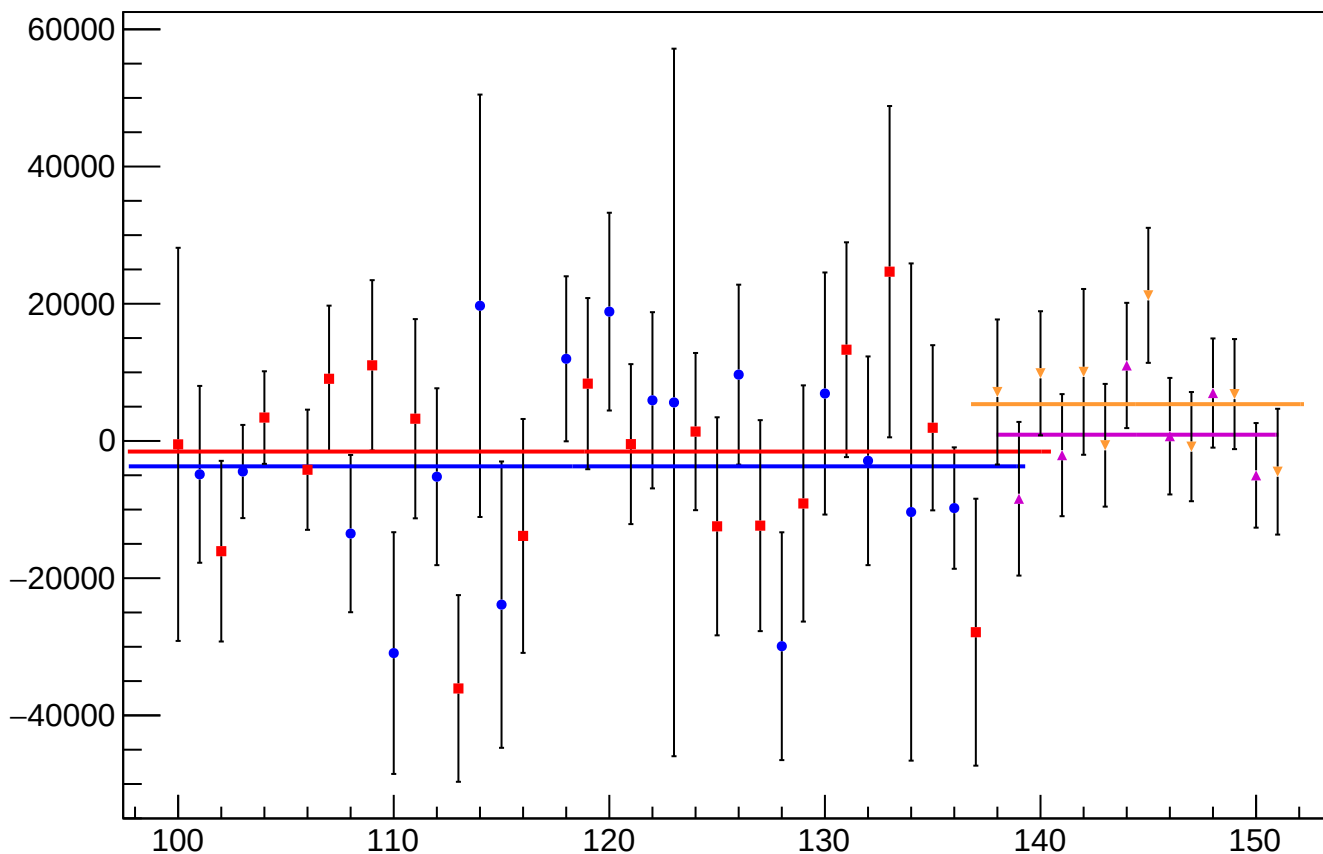
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2605.309 $\pm$ 0.546 χ^2 /NDF: 589597.9/22

Out: 2637.763 $\pm$ 0.529 χ^2 /NDF: 842739.8/26

All: 2622.059 $\pm$ 0.380 χ^2 /NDF: 1434161.5/49

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: 912.090+/-3547.673 χ^2/NDF : 3.2/5

Left: 3326.400+/-2400.521 χ^2/NDF : 9.3/13

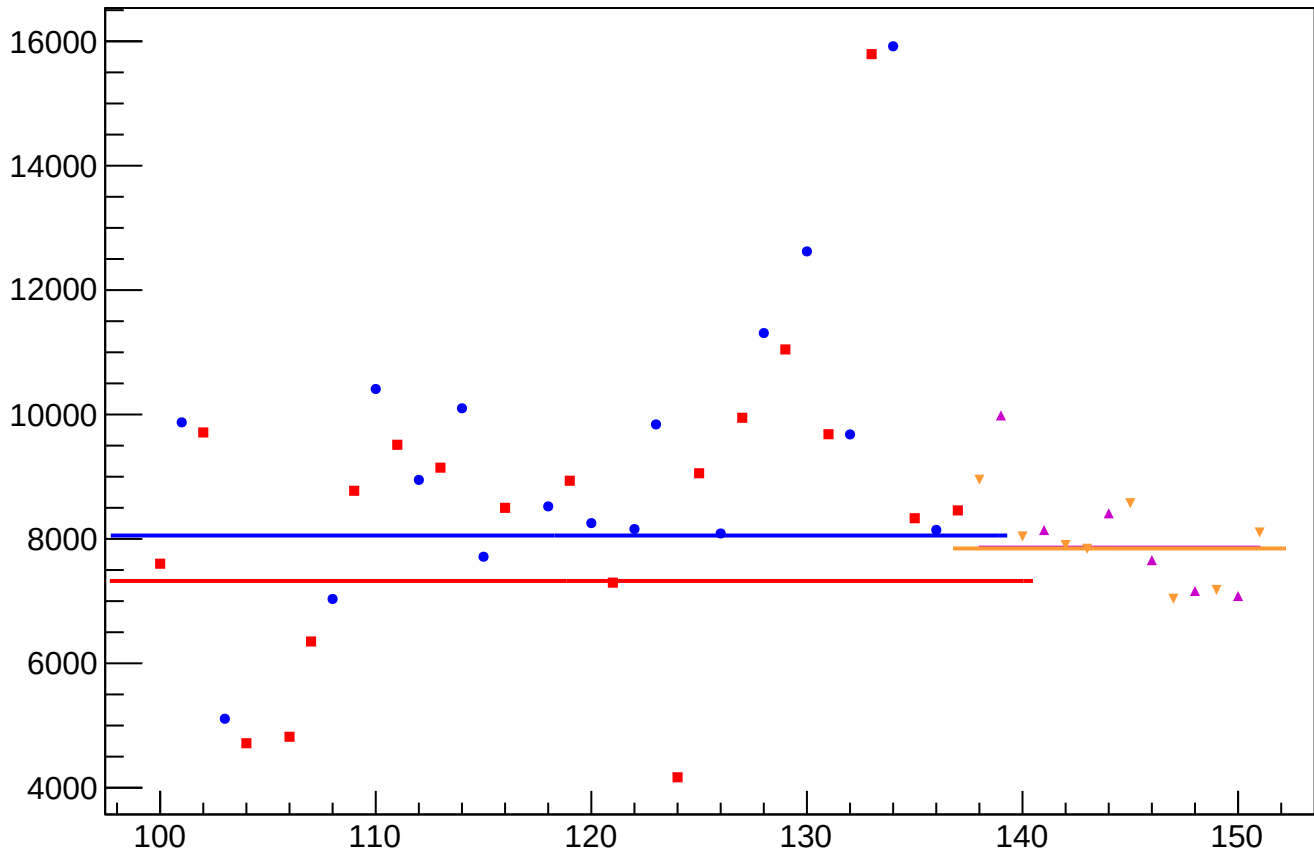
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -1618.006+/-2383.455 χ^2/NDF : 18.0/22

Out: 1503.829+/-2165.501 χ^2/NDF : 24.6/26

All: 92.146+/-1602.768 χ^2/NDF : 43.5/49

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: 7859.584+/-2.509 χ^2/NDF : 118655.2/5

Left: 7852.533+/-1.697 χ^2/NDF : 188440.4/13

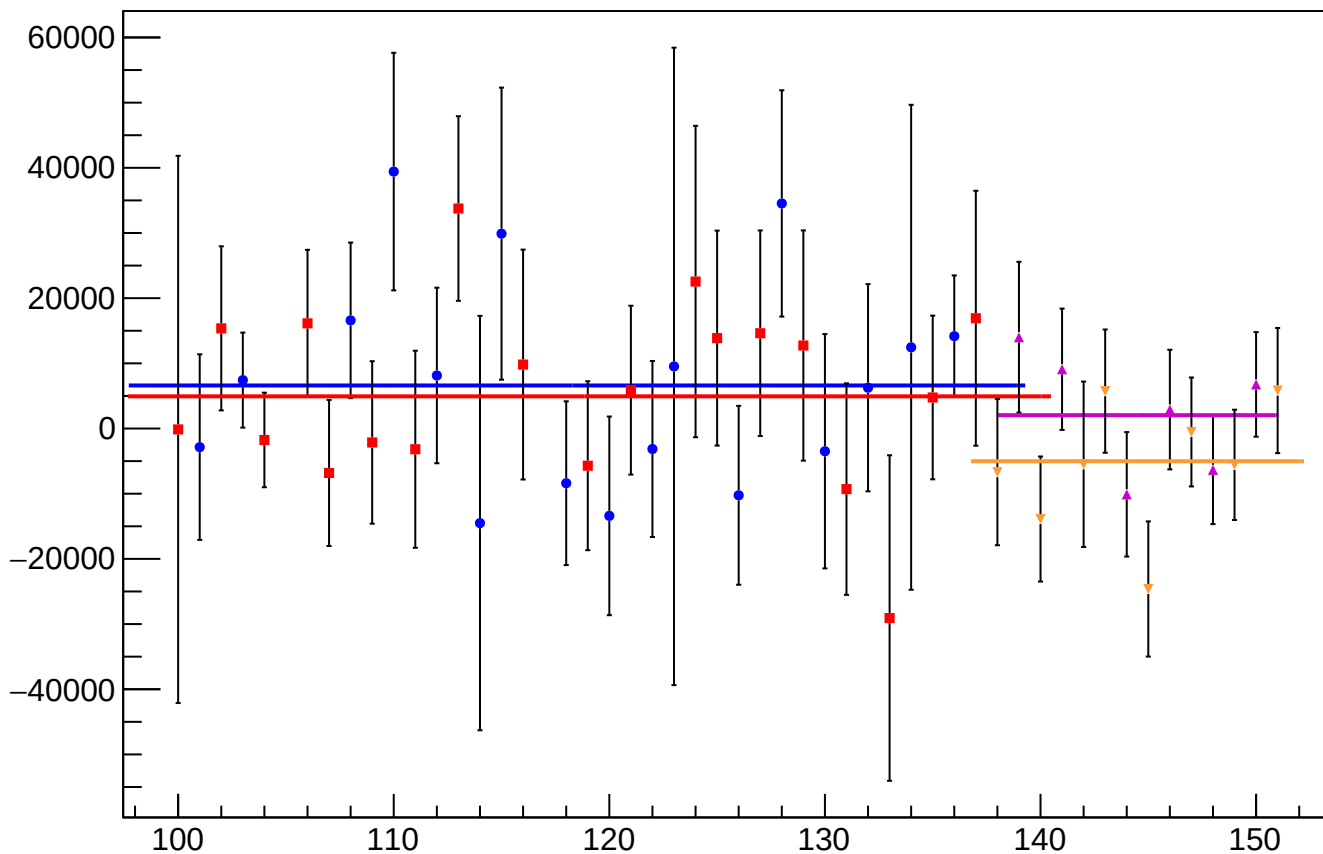
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 7966.671+/-1.685 χ^2/NDF : 942740.0/22

Out: 7554.718+/-1.531 χ^2/NDF : 1434599.1/26

All: 7741.002+/-1.133 χ^2/NDF : 2410068.4/49

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: 2047.874+/-3732.595 χ^2/NDF : 4.6/5

Left: -1776.826+/-2528.448 χ^2/NDF : 13.9/13

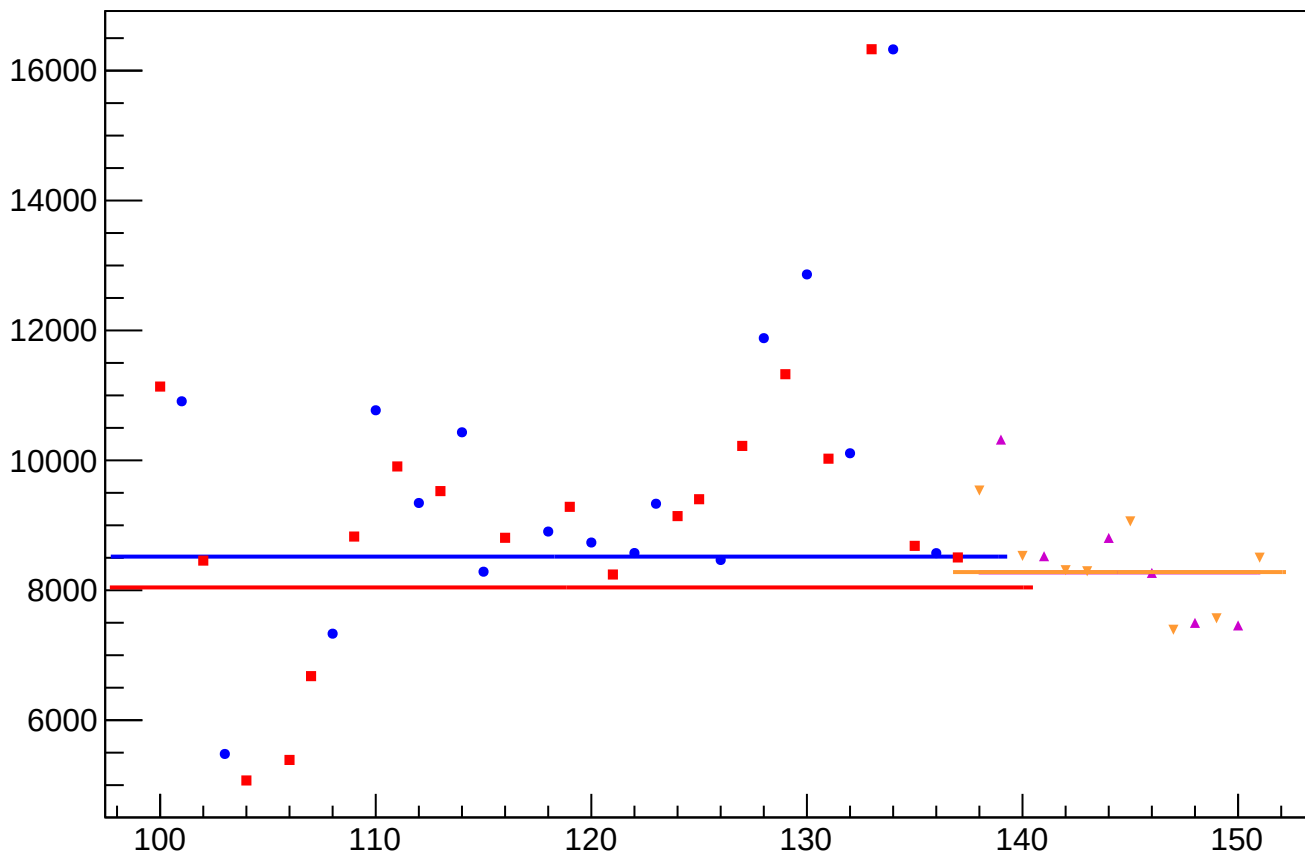
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4542.499+/-2511.867 χ^2/NDF : 20.1/22

Out: 364.801+/-2329.394 χ^2/NDF : 25.4/26

All: 2296.410+/-1708.000 χ^2/NDF : 47.0/49

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: 8275.377+/-2.639 χ^2/NDF : 108121.7/5

Left: 8277.954+/-1.788 χ^2/NDF : 183662.7/13

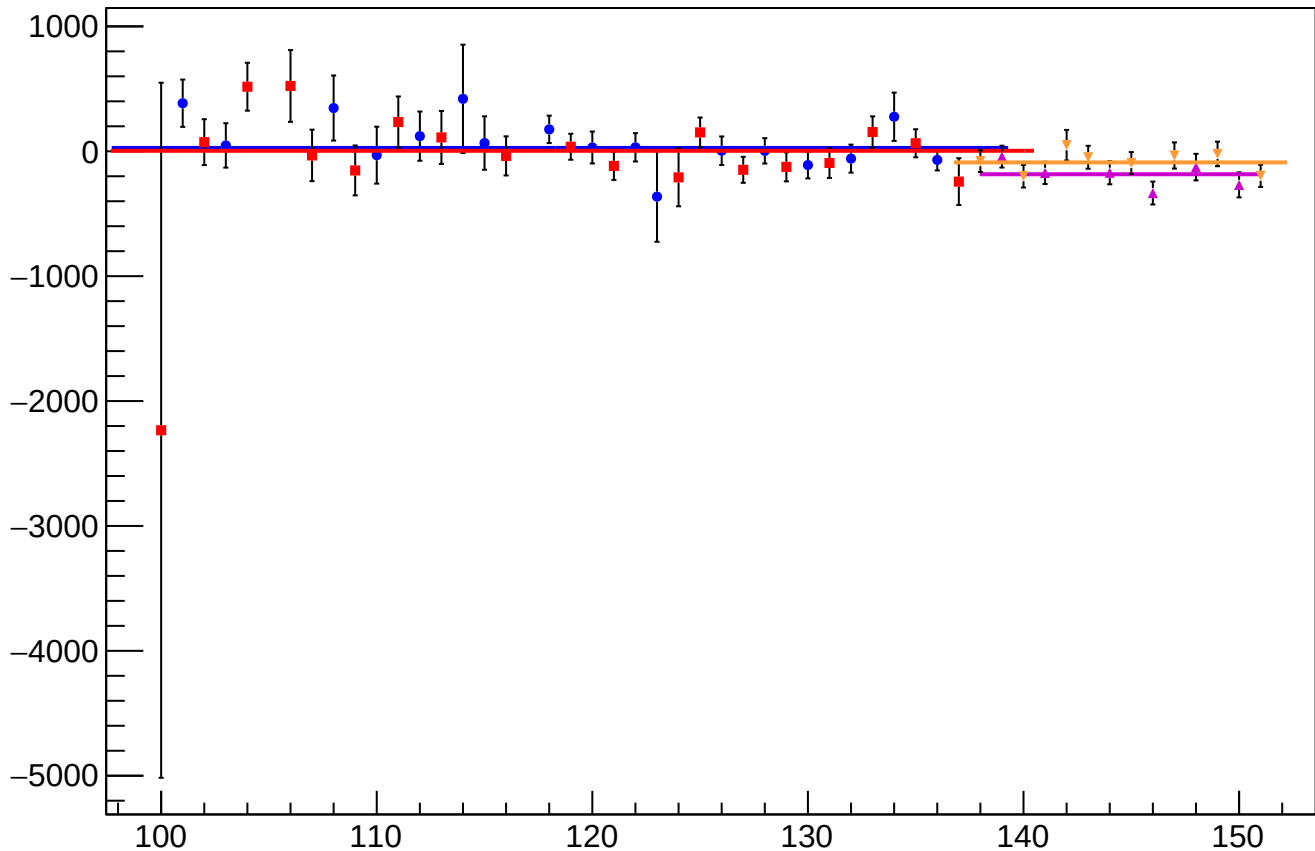
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8408.273+/-1.776 χ^2/NDF : 884750.6/22

Out: 8152.318+/-1.647 χ^2/NDF : 1034227.2/26

All: 8270.660+/-1.208 χ^2/NDF : 1930142.8/49

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -89.109 ± 33.527 $\chi^2/\text{NDF}: 5.2/7$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -184.037 ± 38.303 $\chi^2/\text{NDF}: 6.4/5$

Left: -130.290 ± 25.228 $\chi^2/\text{NDF}: 15.0/13$

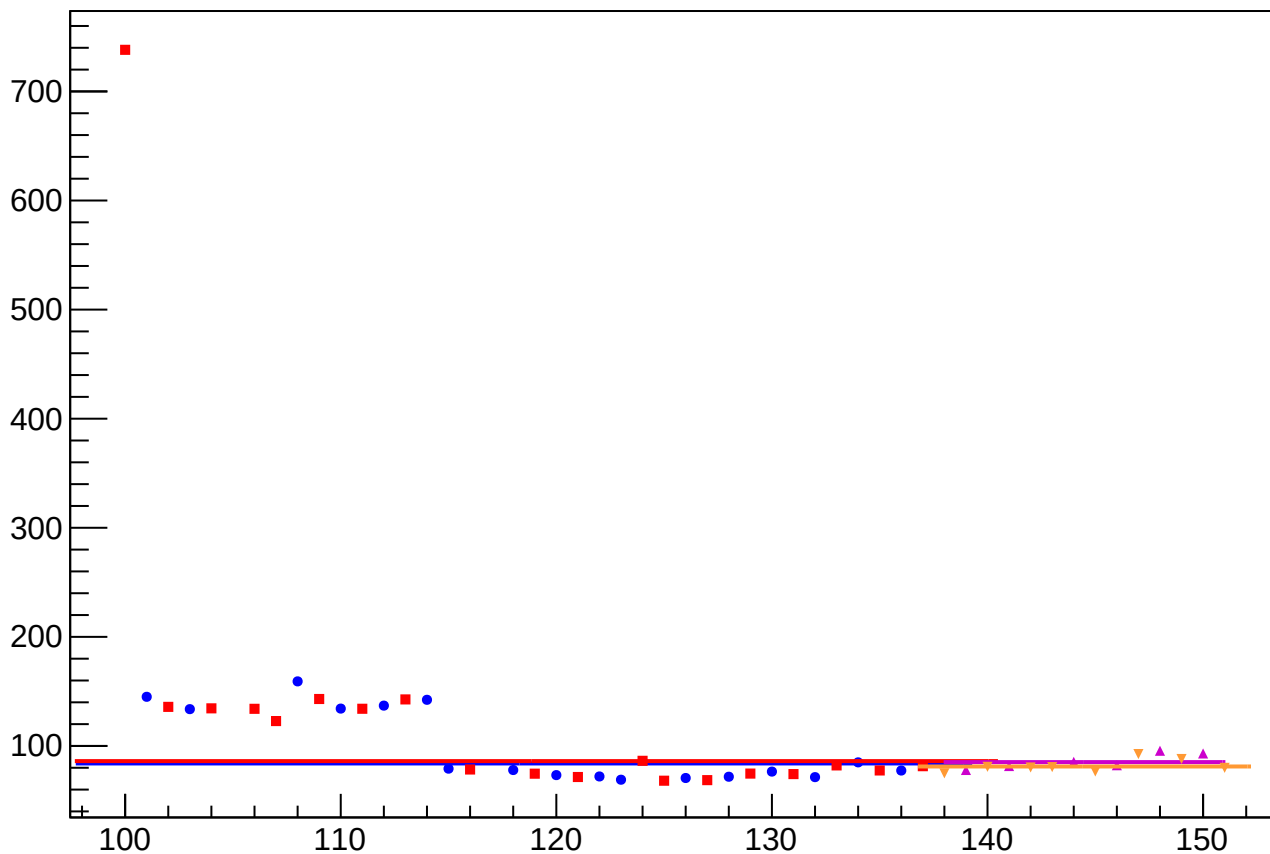
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -65.017 ± 25.270 $\chi^2/\text{NDF}: 38.0/22$

Out: -42.983 ± 23.817 $\chi^2/\text{NDF}: 33.6/26$

All: -53.348 ± 17.332 $\chi^2/\text{NDF}: 72.0/49$

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: 85.198 $\pm$ 0.027 χ^2 /NDF: 50592.7/5

Left: 82.922 $\pm$ 0.018 χ^2 /NDF: 112916.0/13

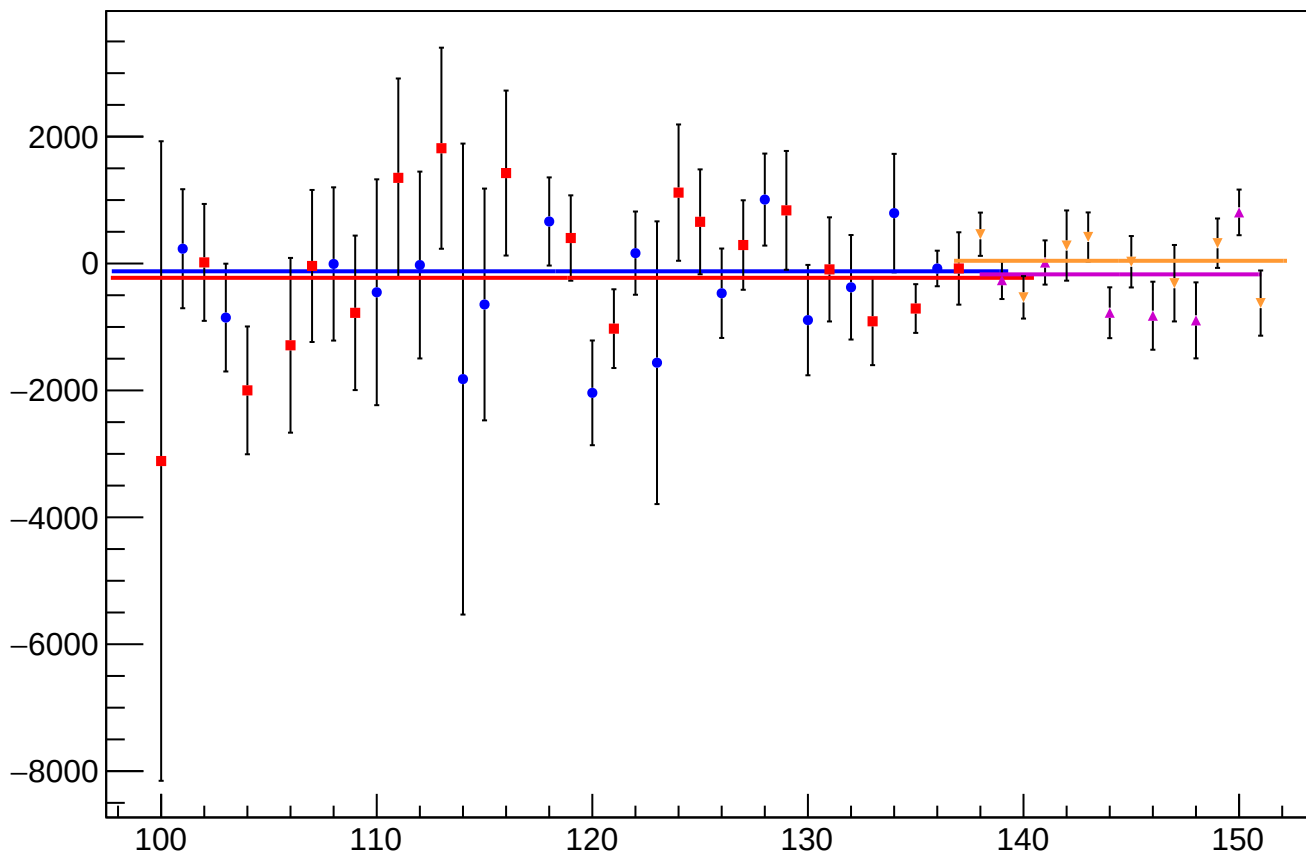
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 84.499 $\pm$ 0.018 χ^2 /NDF: 1012024.1/22

Out: 83.621 $\pm$ 0.017 χ^2 /NDF: 1207504.0/26

All: 84.034 $\pm$ 0.012 χ^2 /NDF: 2220806.8/49

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: -170.865 ± 158.591 χ^2/NDF : 13.0/5

Left: -55.413 ± 107.536 χ^2/NDF : 22.1/13

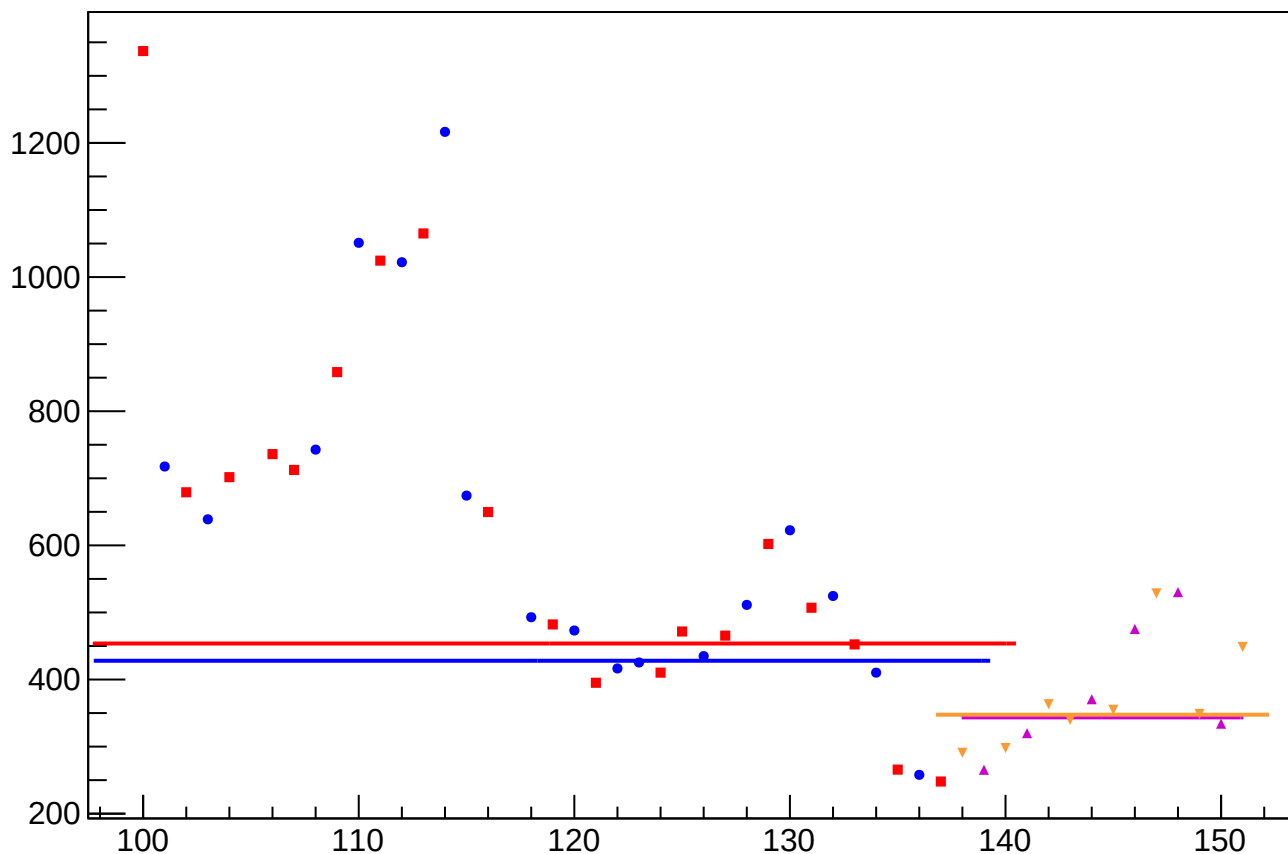
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -149.634 ± 118.874 χ^2/NDF : 26.0/22

Out: -60.395 ± 114.752 χ^2/NDF : 27.8/26

All: -103.441 ± 82.561 χ^2/NDF : 54.1/49

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: 343.534+/-0.112 χ^2/NDF : 472687.7/5

Left: 345.703+/-0.076 χ^2/NDF : 833460.5/13

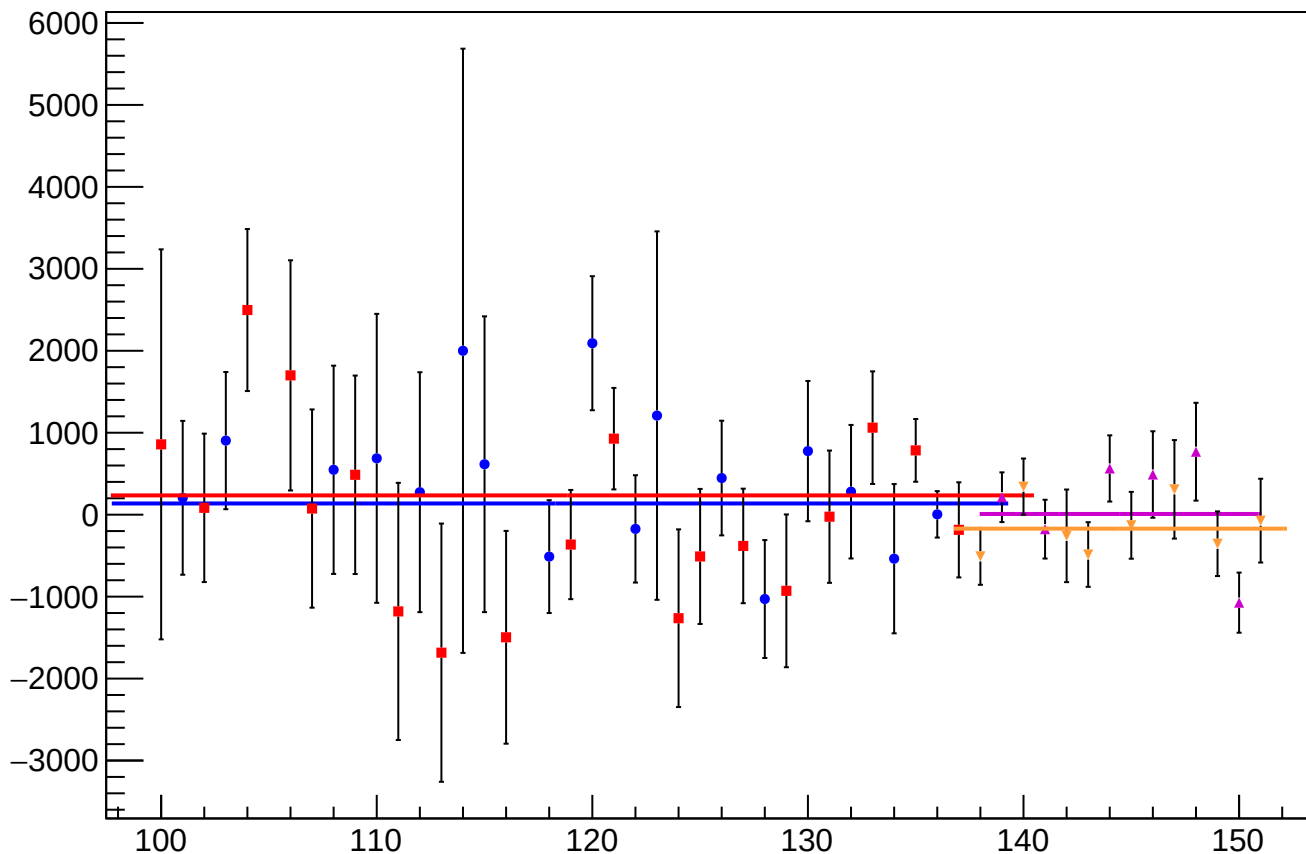
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 380.536+/-0.084 χ^2/NDF : 2783428.5/22

Out: 388.402+/-0.081 χ^2/NDF : 2899780.7/26

All: 384.608+/-0.058 χ^2/NDF : 5687742.1/49

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -170.380 ± 148.440 $\chi^2/\text{NDF}: 4.7/7$

Right Out: 235.334 ± 184.025 $\chi^2/\text{NDF}: 21.8/18$

Left In: 8.712 ± 160.961 $\chi^2/\text{NDF}: 13.8/5$

Left: -88.070 ± 109.121 $\chi^2/\text{NDF}: 19.2/13$

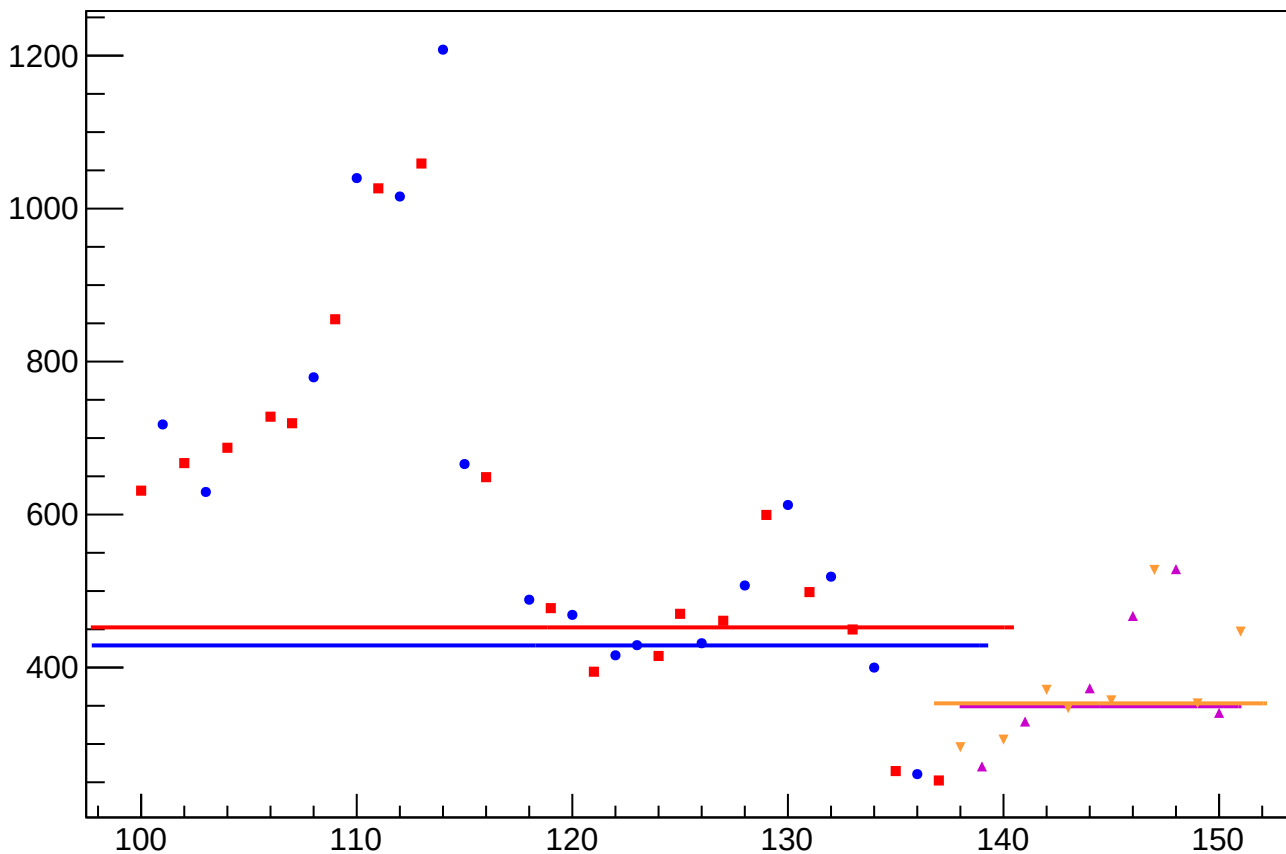
Right: 184.875 ± 128.536 $\chi^2/\text{NDF}: 34.6/35$

In: 65.768 ± 119.869 $\chi^2/\text{NDF}: 26.7/22$

Out: -10.457 ± 115.538 $\chi^2/\text{NDF}: 29.5/26$

All: 26.253 ± 83.187 $\chi^2/\text{NDF}: 56.4/49$

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 353.167+/-0.105 χ^2/NDF : 331400.2/7

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 349.352+/-0.114 χ^2/NDF : 429007.7/5

Left: 351.414+/-0.077 χ^2/NDF : 761015.1/13

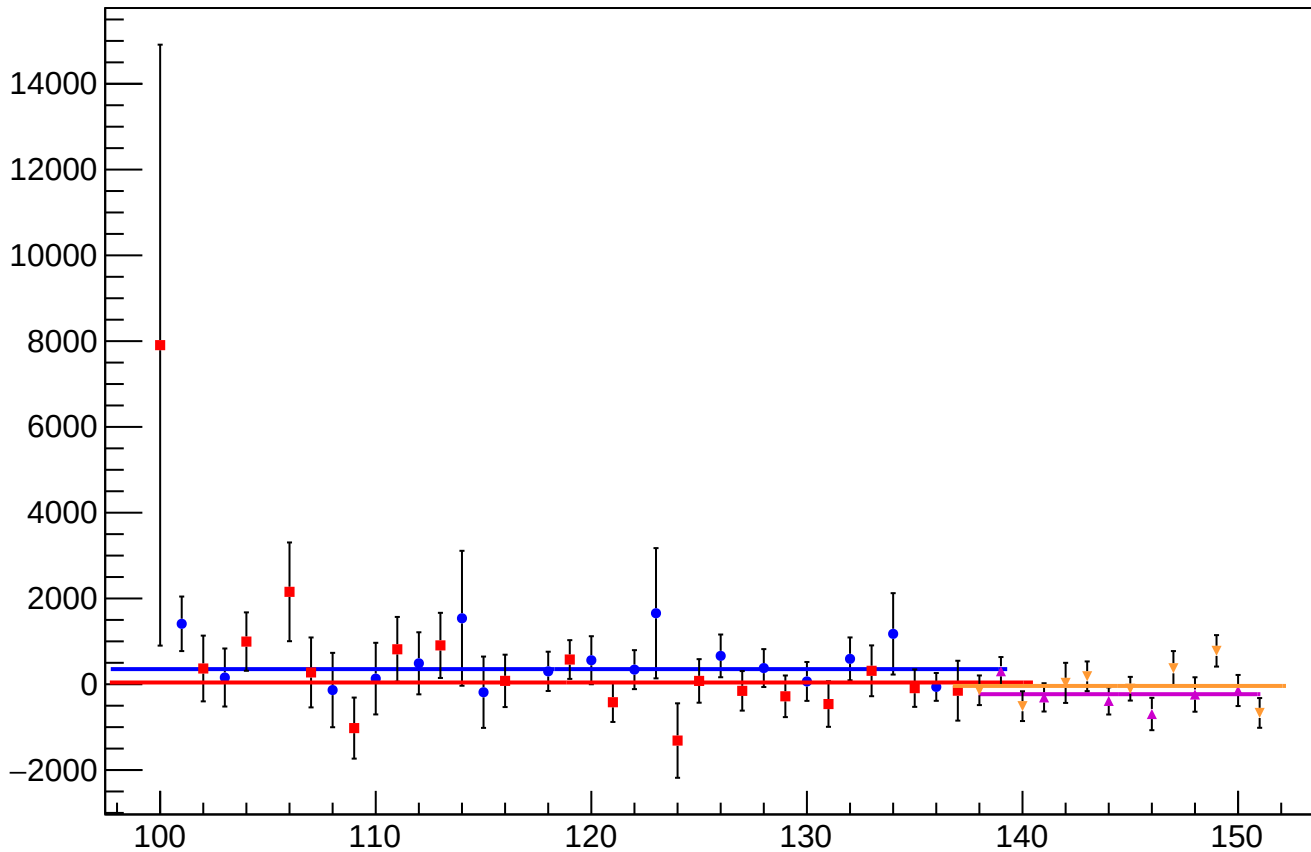
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 384.779+/-0.085 χ^2/NDF : 2657114.6/22

Out: 392.317+/-0.082 χ^2/NDF : 2726429.3/26

All: 388.686+/-0.059 χ^2/NDF : 5387643.8/49

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -39.252 ± 124.337 $\chi^2/\text{NDF}: 11.8/7$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -231.617 ± 142.684 $\chi^2/\text{NDF}: 4.5/5$

Left: -122.279 ± 93.739 $\chi^2/\text{NDF}: 17.3/13$

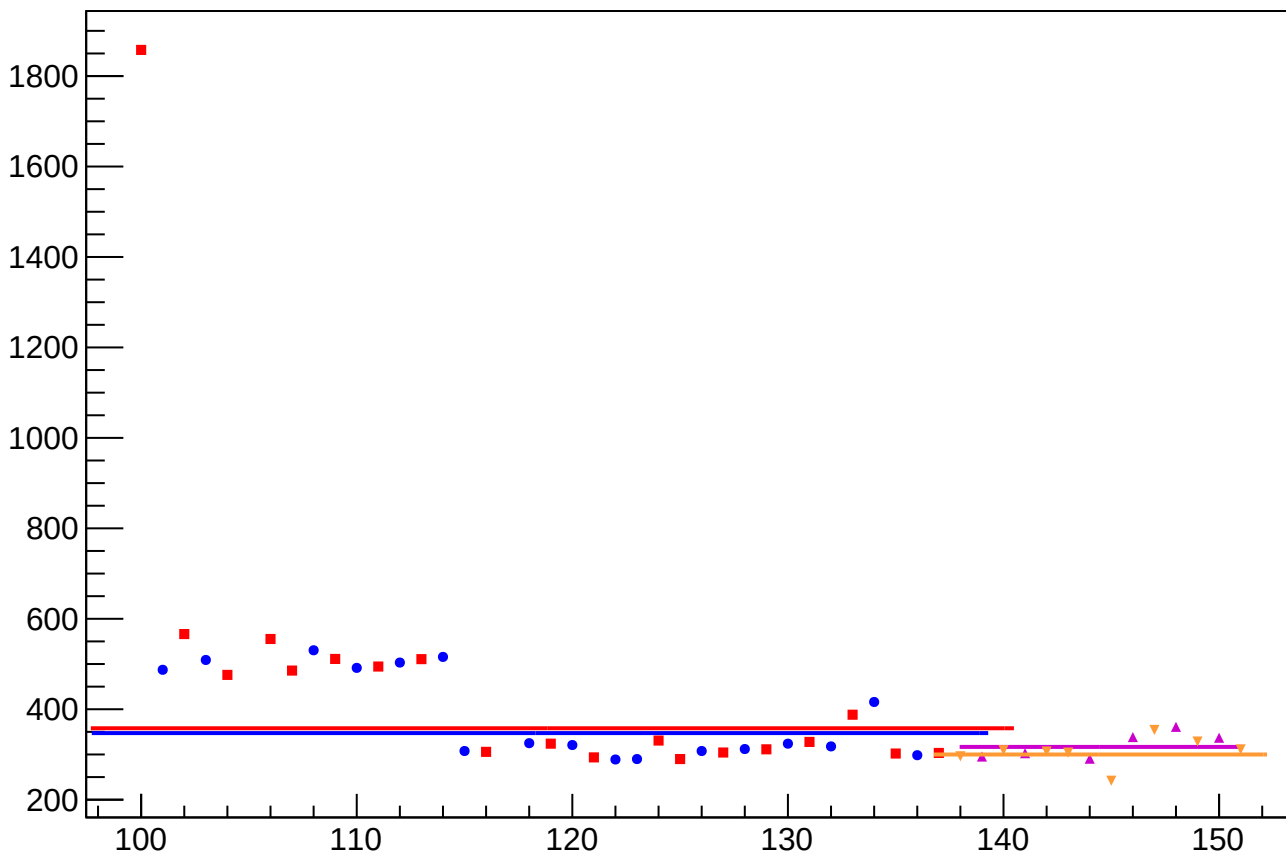
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: 71.895 ± 98.933 $\chi^2/\text{NDF}: 21.7/22$

Out: -3.545 ± 92.670 $\chi^2/\text{NDF}: 30.1/26$

All: 31.712 ± 67.634 $\chi^2/\text{NDF}: 52.2/49$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 299.925 $\pm$ 0.088 χ^2 /NDF:141657.1/7

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 316.729 $\pm$ 0.101 χ^2 /NDF:62760.4/5

Left: 307.178 $\pm$ 0.066 χ^2 /NDF: 220183.7/13

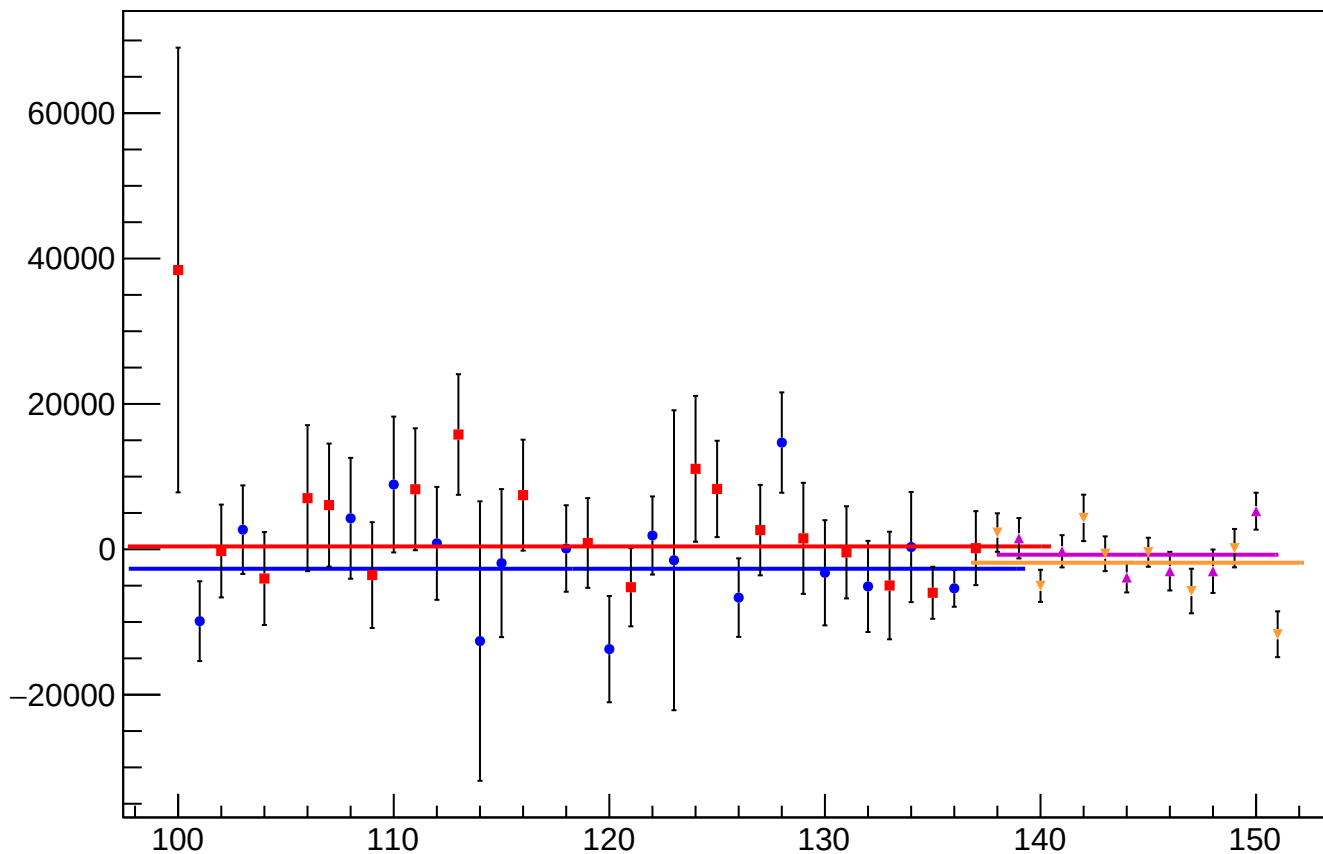
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 332.592 $\pm$ 0.070 χ^2 /NDF:729276.9/22

Out: 325.720 $\pm$ 0.066 χ^2 /NDF:1186953.6/26

All: 328.931 $\pm$ 0.048 χ^2 /NDF: 1921370.3/49

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: -740.638+/-1010.533 χ^2/NDF : 9.9/5

Left: -1351.429+/-673.999 χ^2/NDF : 31.5/13

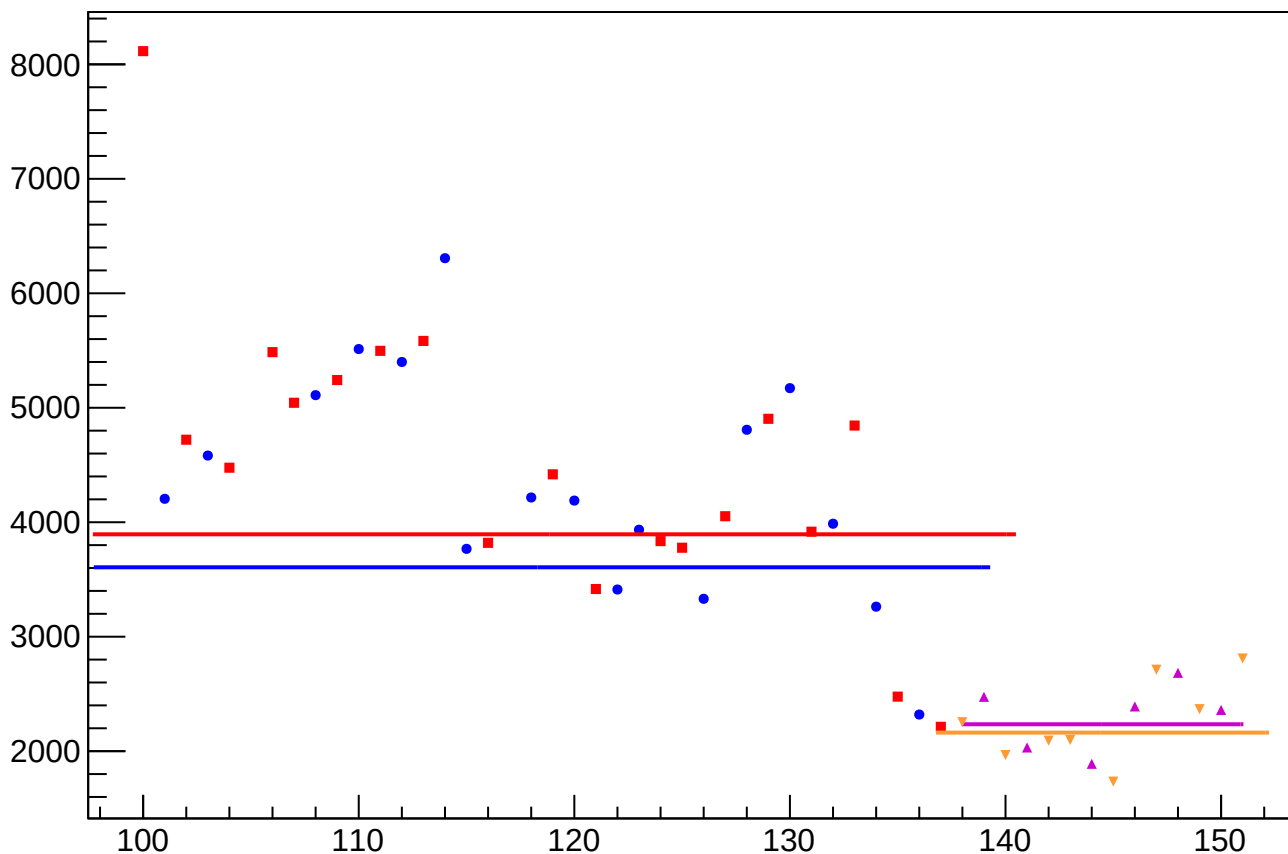
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1369.074+/-830.211 χ^2/NDF : 27.8/22

Out: -1252.888+/-776.810 χ^2/NDF : 38.5/26

All: -1307.124+/-567.227 χ^2/NDF : 66.4/49

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: 2235.211+/-0.715 χ^2/NDF : 145253.9/5

Left: 2194.647+/-0.477 χ^2/NDF : 424634.6/13

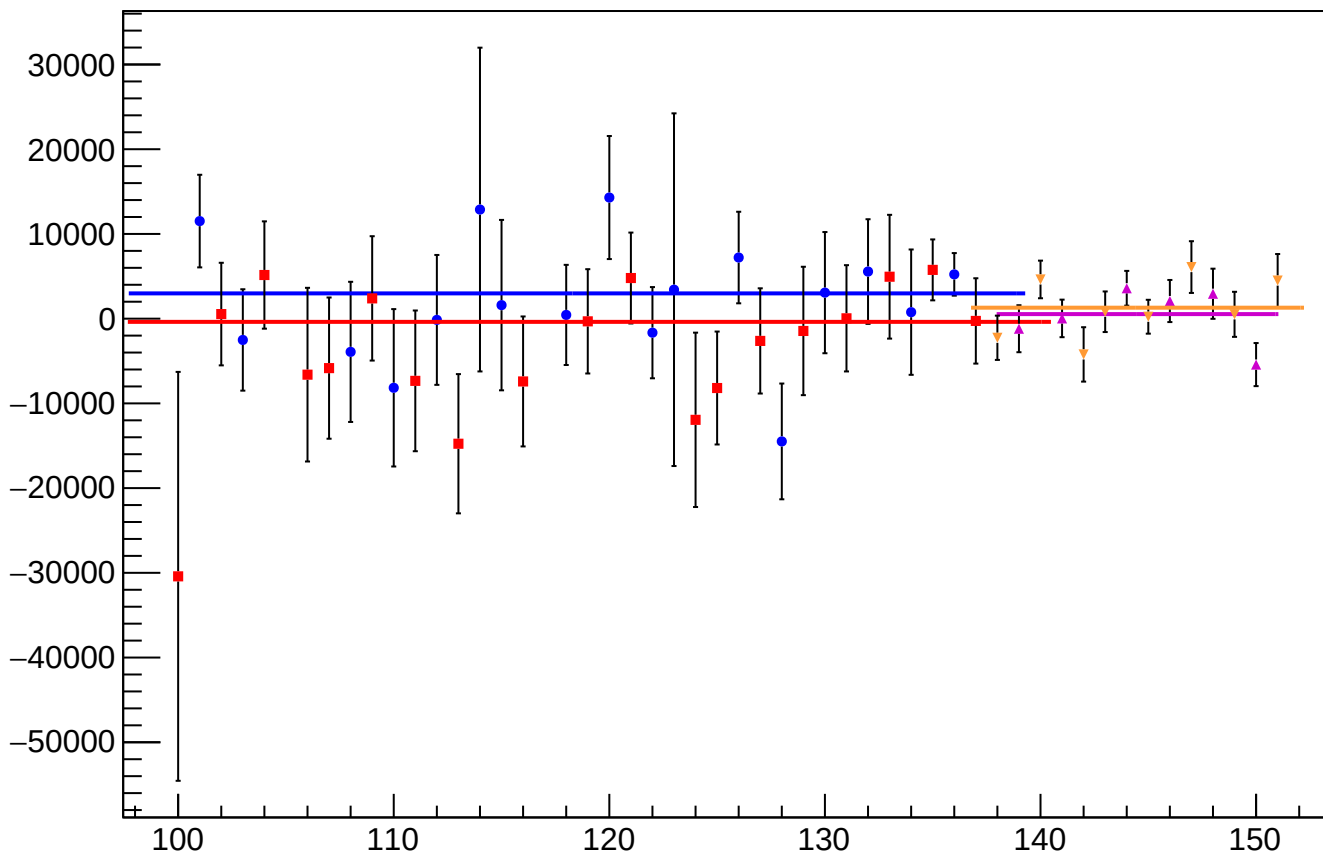
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2680.894+/-0.587 χ^2/NDF : 2434620.0/22

Out: 2617.037+/-0.549 χ^2/NDF : 3232490.2/26

All: 2646.846+/-0.401 χ^2/NDF : 5673419.3/49

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: 538.887 $\pm$ 998.810 χ^2 /NDF: 9.2/5

Left: 954.496 $\pm$ 670.540 χ^2 /NDF: 20.5/13

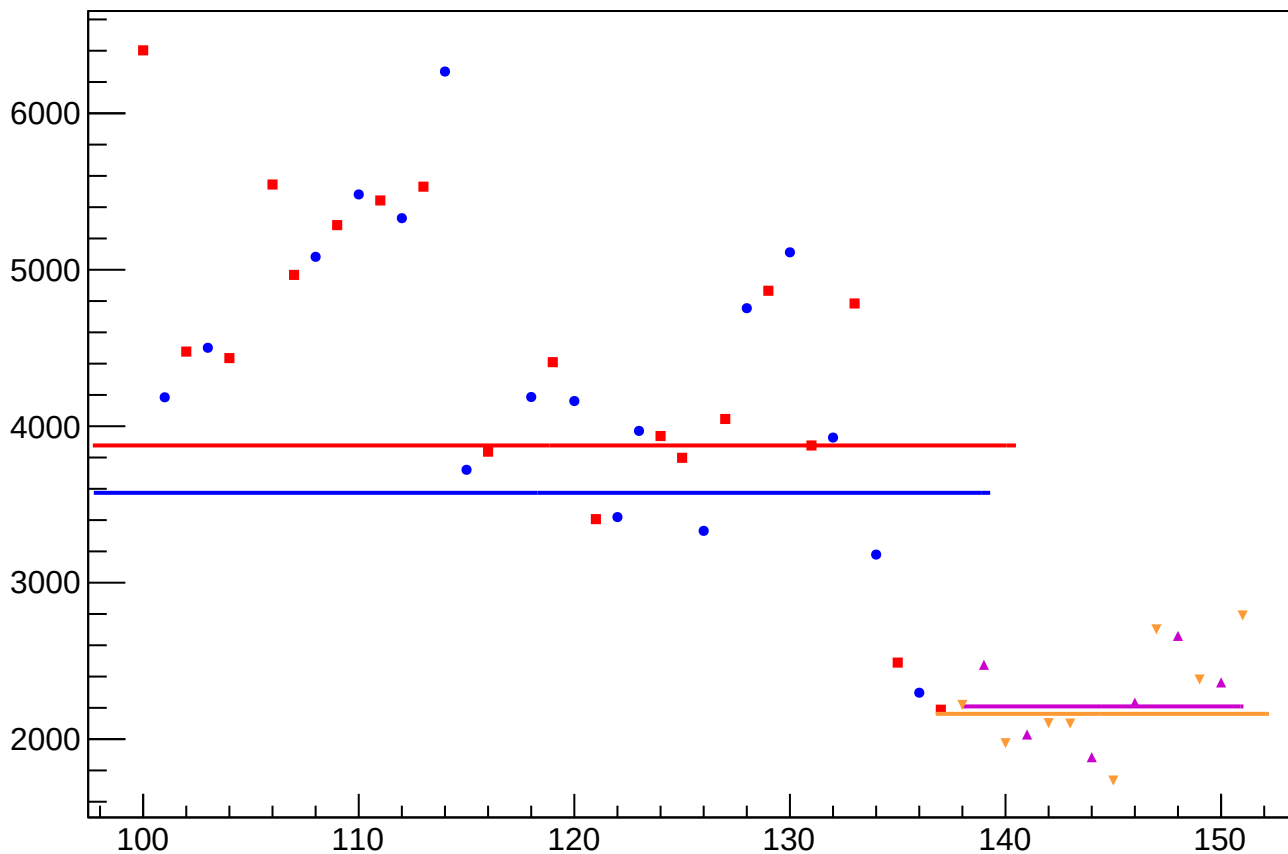
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1330.306 $\pm$ 821.380 χ^2 /NDF: 28.6/22

Out: 852.468 $\pm$ 775.732 χ^2 /NDF: 26.9/26

All: 1077.741 $\pm$ 563.973 χ^2 /NDF: 55.7/49

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: 2209.129+/-0.706 χ^2/NDF : 135522.5/5

Left: 2183.075+/-0.474 χ^2/NDF : 403088.0/13

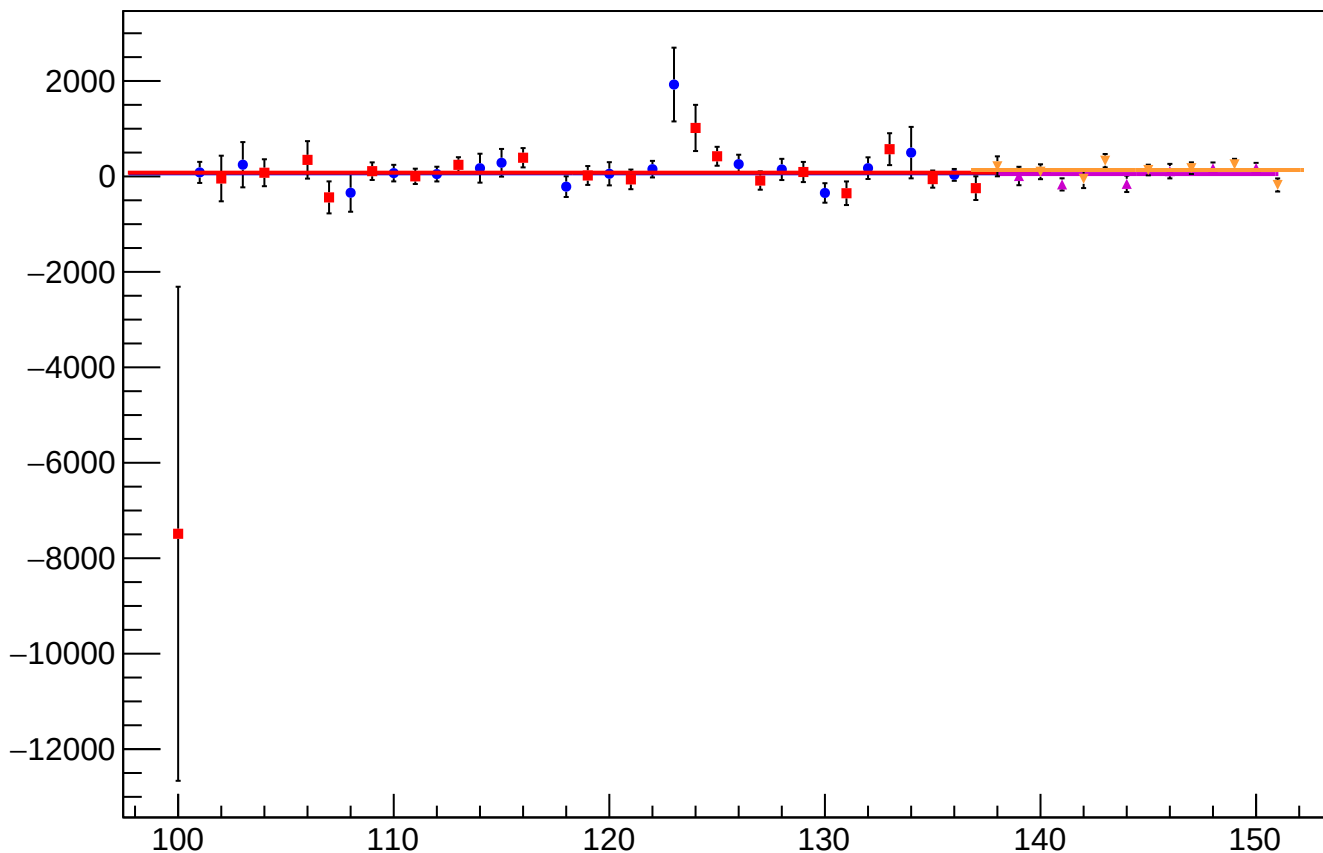
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2651.090+/-0.581 χ^2/NDF : 2436509.3/22

Out: 2615.996+/-0.549 χ^2/NDF : 3159389.4/26

All: 2632.541+/-0.399 χ^2/NDF : 5597828.5/49

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 134.782 $\pm$ 49.045 χ^2 /NDF: 9.4/7

Right Out: 78.699 $\pm$ 52.341 χ^2 /NDF: 24.3/18

Left In: 49.456 $\pm$ 56.227 χ^2 /NDF: 6.8/5

Left: 97.913 $\pm$ 36.960 χ^2 /NDF: 17.5/13

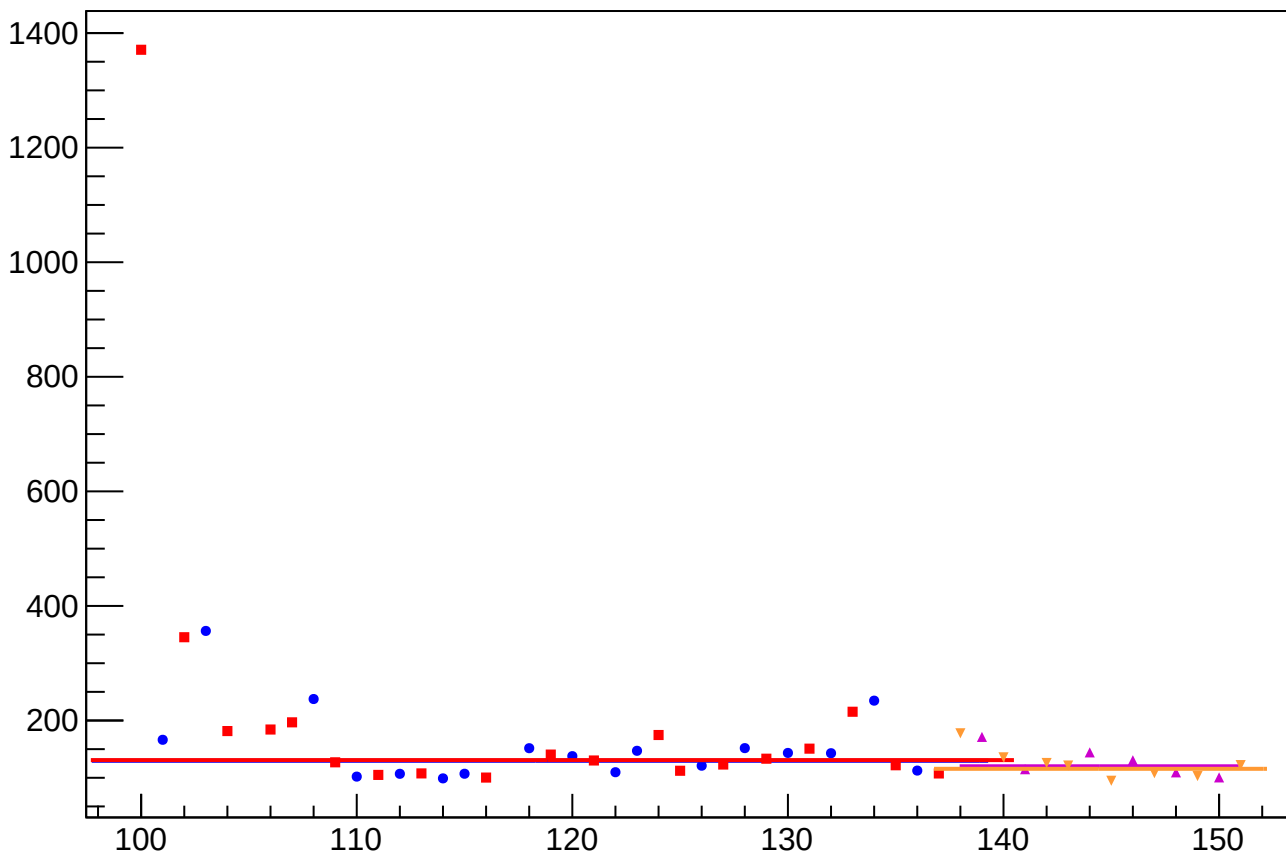
Right: 72.008 $\pm$ 37.137 χ^2 /NDF: 40.0/35

In: 57.850 $\pm$ 38.451 χ^2 /NDF: 22.6/22

Out: 108.562 $\pm$ 35.789 χ^2 /NDF: 34.3/26

All: 85.022 $\pm$ 26.197 χ^2 /NDF: 57.8/49

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: 120.091 $\pm$ 0.040 χ^2 /NDF: 272643.9/5

Left: 117.582 $\pm$ 0.026 χ^2 /NDF: 603343.3/13

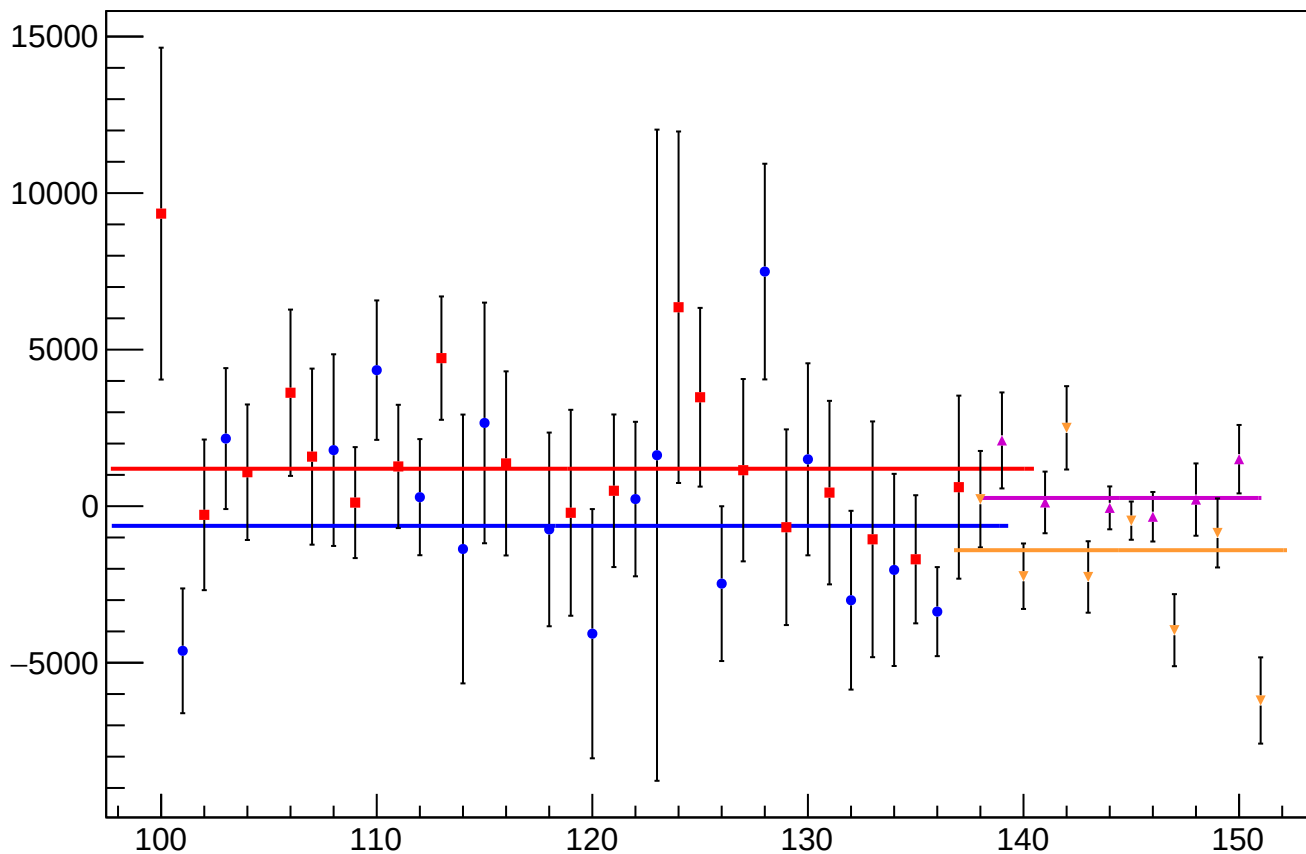
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 125.205 $\pm$ 0.027 χ^2 /NDF: 1293396.4/22

Out: 122.782 $\pm$ 0.025 χ^2 /NDF: 1455881.6/26

All: 123.907 $\pm$ 0.019 χ^2 /NDF: 2753532.7/49

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: 262.506 ± 384.235 χ^2/NDF : 3.5/5

Left: -611.507 ± 265.130 χ^2/NDF : 44.0/13

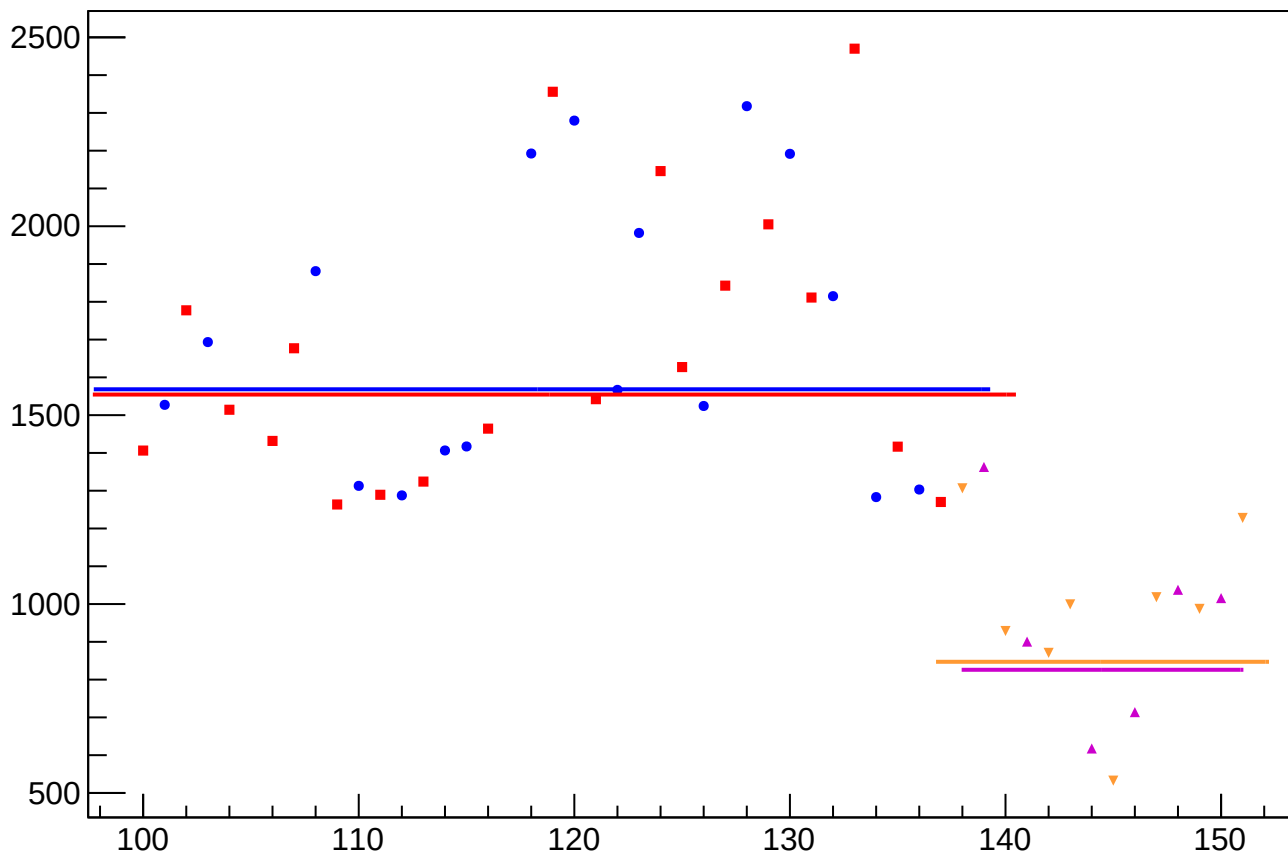
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: 16.202 ± 326.818 χ^2/NDF : 29.3/22

Out: -691.894 ± 312.031 χ^2/NDF : 56.2/26

All: -354.227 ± 225.686 χ^2/NDF : 88.0/49

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: 826.015+/-0.272 χ^2/NDF : 609434.5/5

Left: 837.104+/-0.187 χ^2/NDF : 1598139.7/13

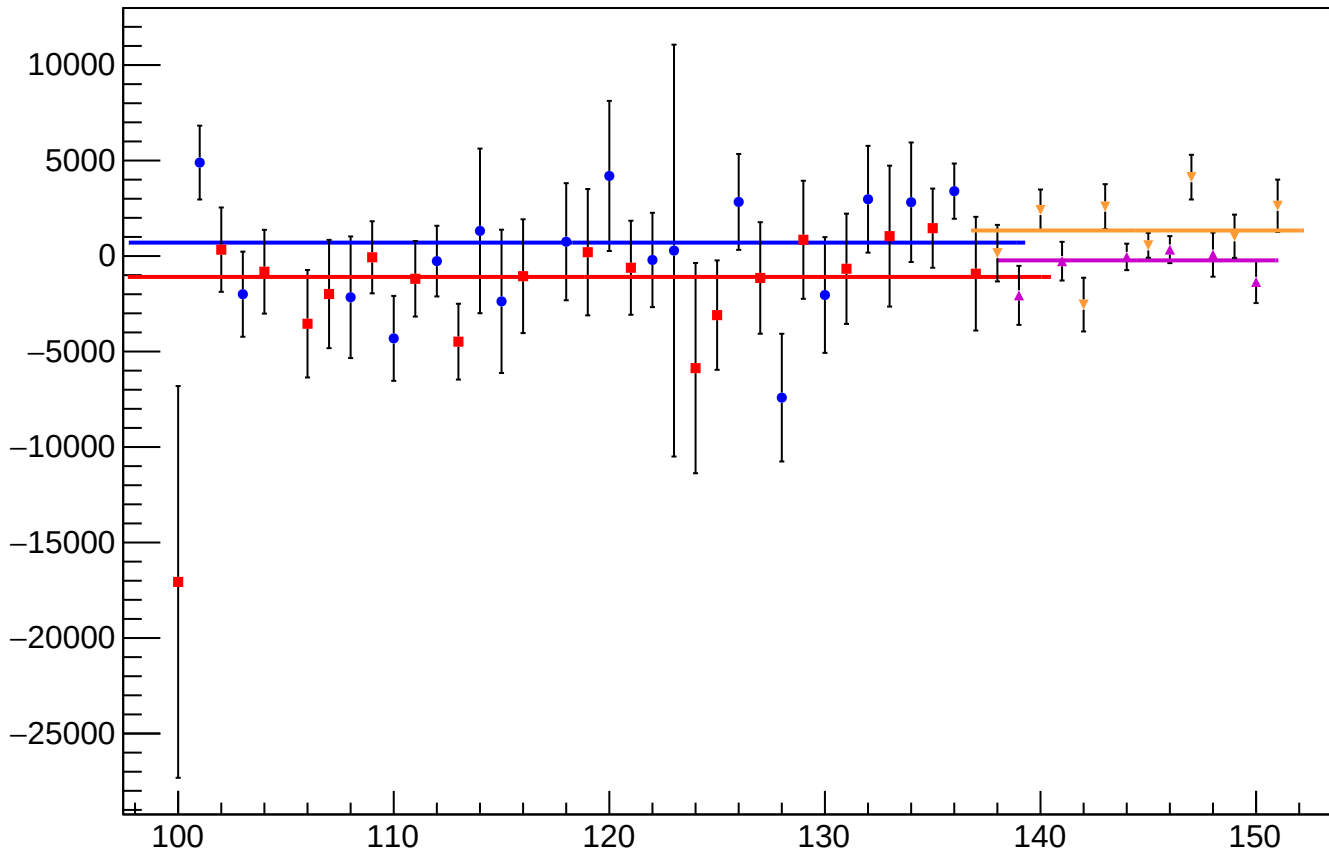
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1031.332+/-0.231 χ^2/NDF : 3208713.0/22

Out: 1041.269+/-0.221 χ^2/NDF : 3543834.8/26

All: 1036.530+/-0.160 χ^2/NDF : 6753515.0/49

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: -227.768+/-376.878 χ^2/NDF : 3.2/5

Left: 550.740+/-267.192 χ^2/NDF : 30.3/13

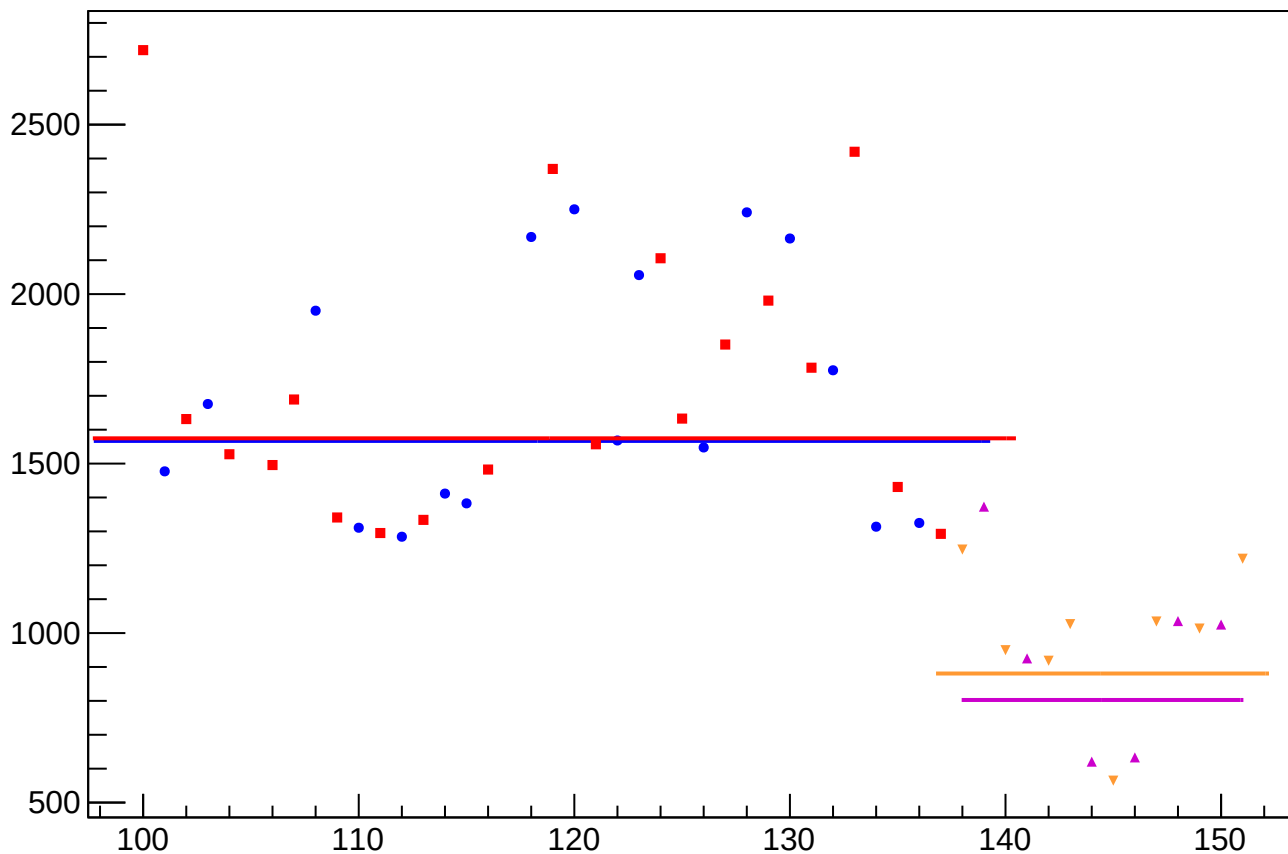
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 23.010+/-322.133 χ^2/NDF : 30.8/22

Out: 649.666+/-320.829 χ^2/NDF : 40.8/26

All: 337.609+/-227.320 χ^2/NDF : 73.5/49

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: 802.636 $\pm$ 0.266 χ^2 /NDF: 717170.6/5

Left: 841.463 $\pm$ 0.189 χ^2 /NDF: 1579189.0/13

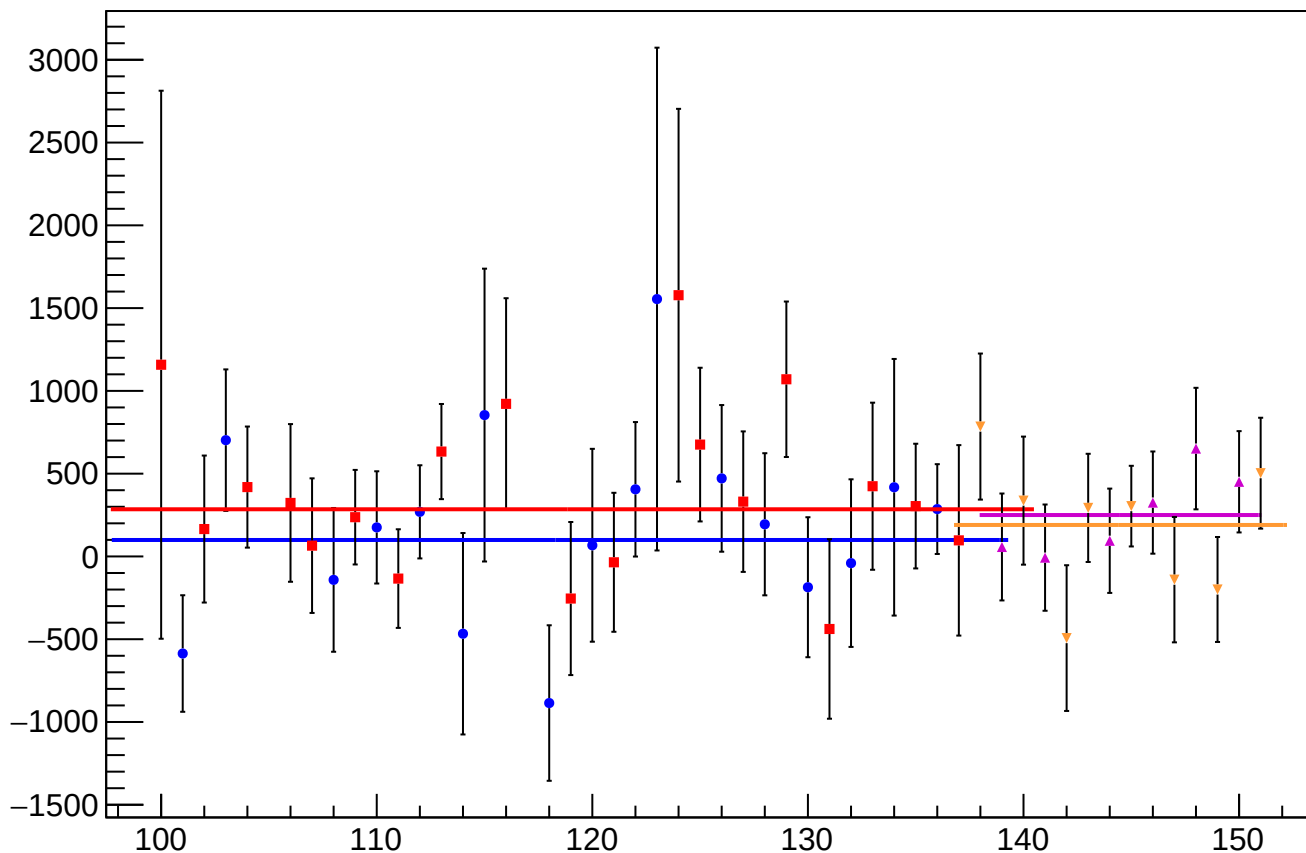
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1008.550 $\pm$ 0.228 χ^2 /NDF: 3433067.4/22

Out: 1076.978 $\pm$ 0.227 χ^2 /NDF: 3181140.7/26

All: 1042.903 $\pm$ 0.161 χ^2 /NDF: 6659513.7/49

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387+/-103.463 χ^2/NDF : 15.9/16

Left Out: 190.110+/-120.350 χ^2/NDF : 7.8/7

Right Out: 284.883+/-97.709 χ^2/NDF : 14.0/18

Left In: 250.104+/-131.332 χ^2/NDF : 2.9/5

Left: 217.494+/-88.729 χ^2/NDF : 10.9/13

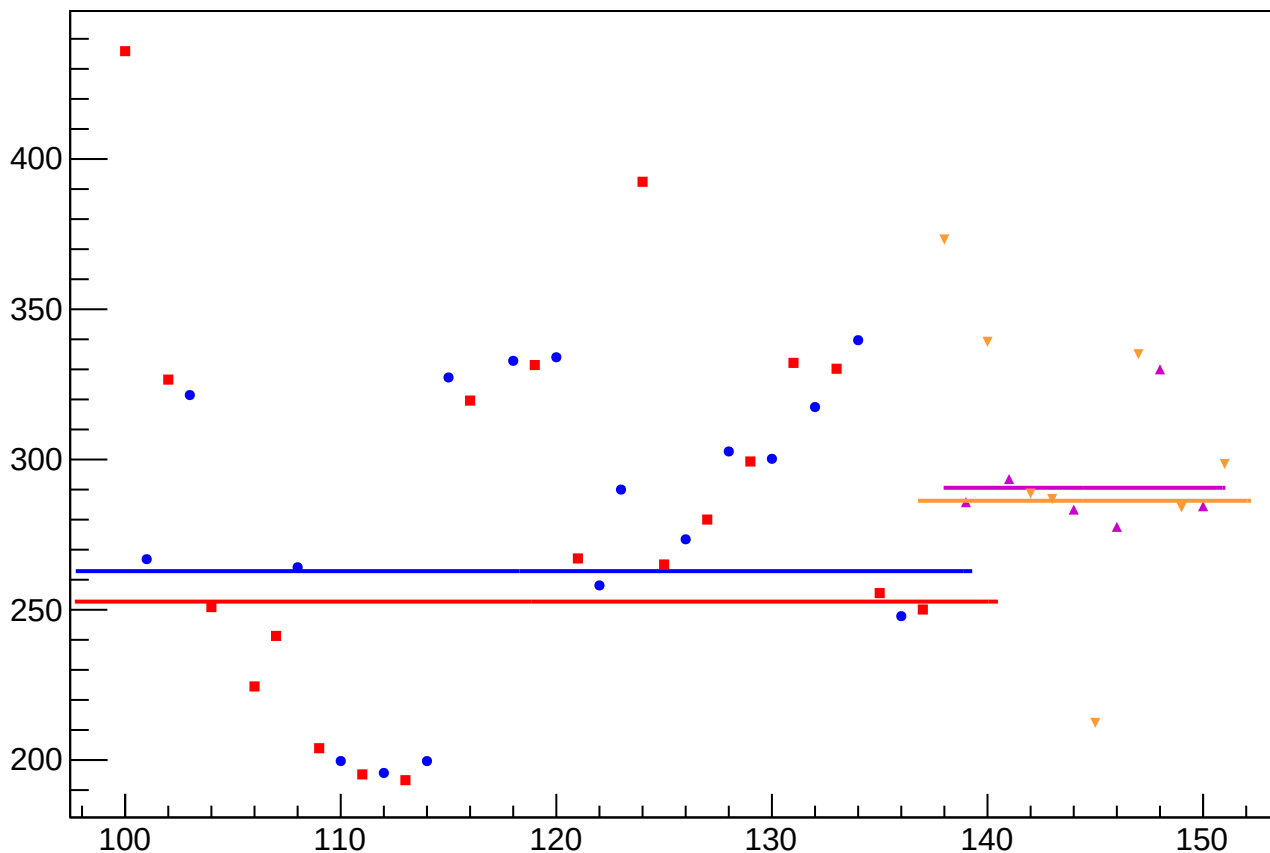
Right: 197.437+/-71.038 χ^2/NDF : 31.6/35

In: 157.105+/-81.273 χ^2/NDF : 19.7/22

Out: 247.232+/-75.857 χ^2/NDF : 22.2/26

All: 205.271+/-55.455 χ^2/NDF : 42.5/49

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 286.277+/-0.085 χ^2/NDF : 335228.4/7

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 290.600+/-0.093 χ^2/NDF : 29072.0/5

Left: 288.250+/-0.063 χ^2/NDF : 365478.1/13

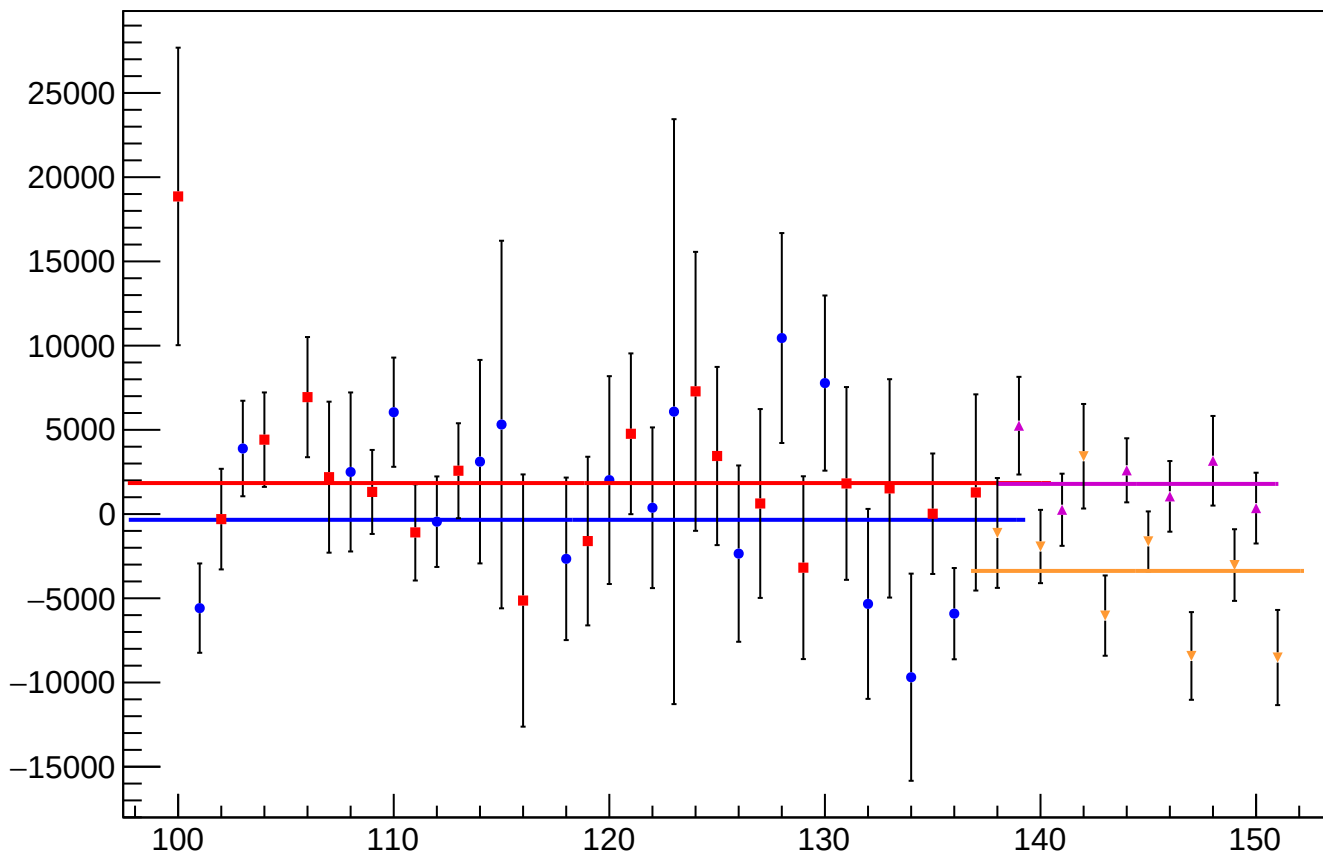
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 273.481+/-0.057 χ^2/NDF : 495840.2/22

Out: 266.051+/-0.054 χ^2/NDF : 968673.4/26

All: 269.510+/-0.039 χ^2/NDF : 1473445.2/49

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: 1790.591 ± 909.697 $\chi^2/\text{NDF}: 3.0/5$

Left: -977.597 ± 619.758 $\chi^2/\text{NDF}: 35.3/13$

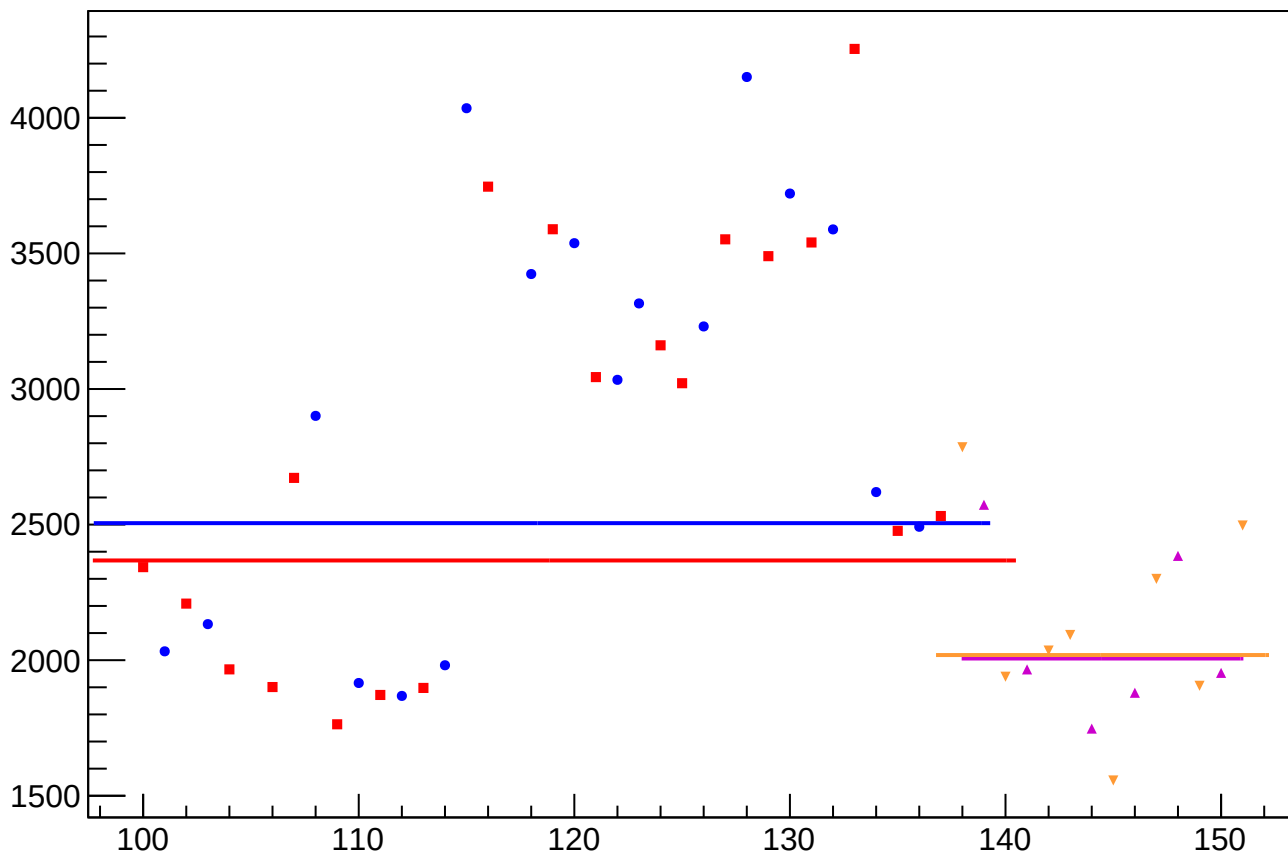
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 830.005 ± 674.325 $\chi^2/\text{NDF}: 29.9/22$

Out: -996.903 ± 624.454 $\chi^2/\text{NDF}: 44.1/26$

All: -153.496 ± 458.173 $\chi^2/\text{NDF}: 77.9/49$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2018.957+/-0.599 χ^2/NDF : 336475.9/7

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2006.194+/-0.643 χ^2/NDF : 163079.3/5

Left: 2013.033+/-0.438 χ^2/NDF : 499766.2/13

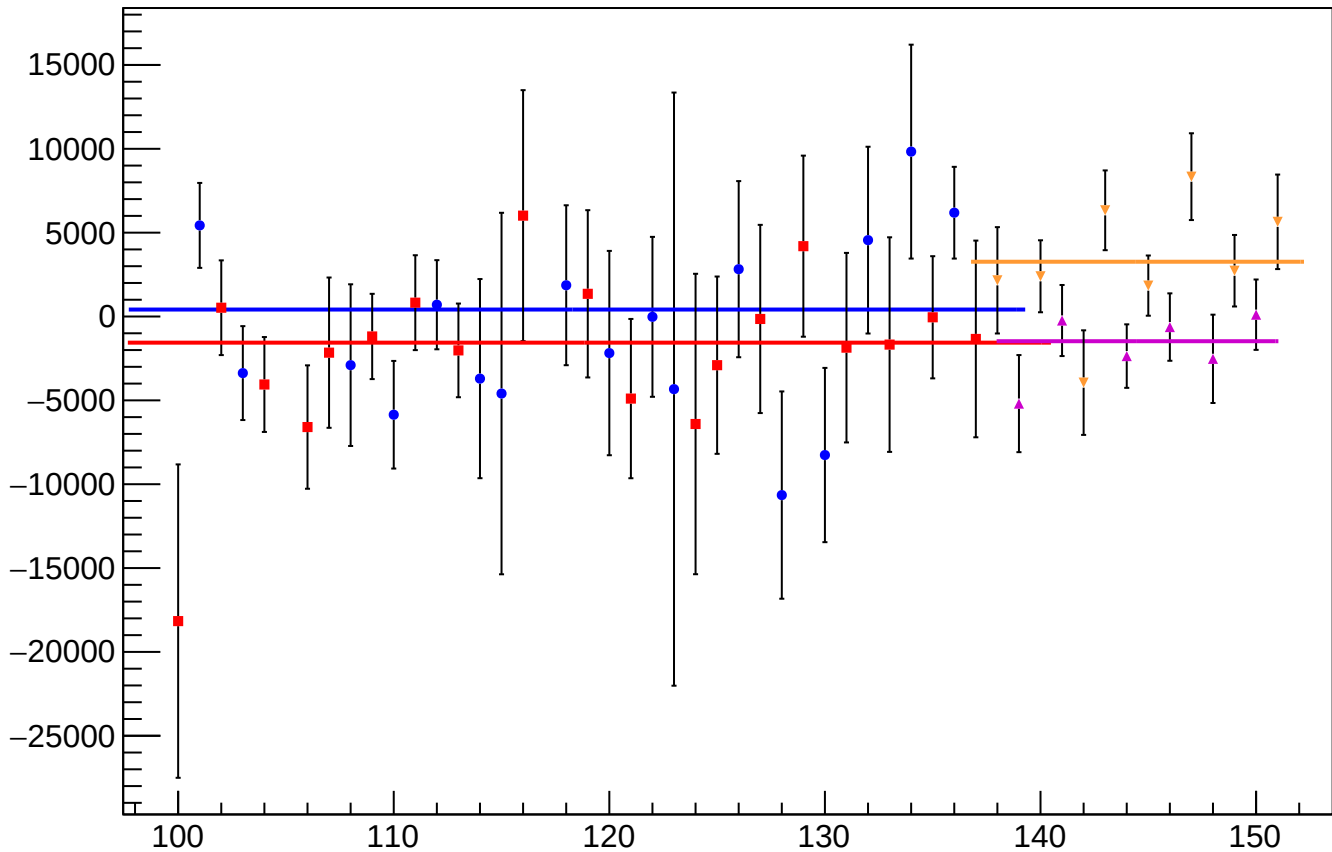
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2231.069+/-0.477 χ^2/NDF : 1298479.0/22

Out: 2177.994+/-0.442 χ^2/NDF : 1522138.5/26

All: 2202.496+/-0.324 χ^2/NDF : 2827287.5/49

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: -1473.029 $\pm$ 898.117 χ^2 /NDF:3.1/5

Left: 1041.982 $\pm$ 615.293 χ^2 /NDF: 30.4/13

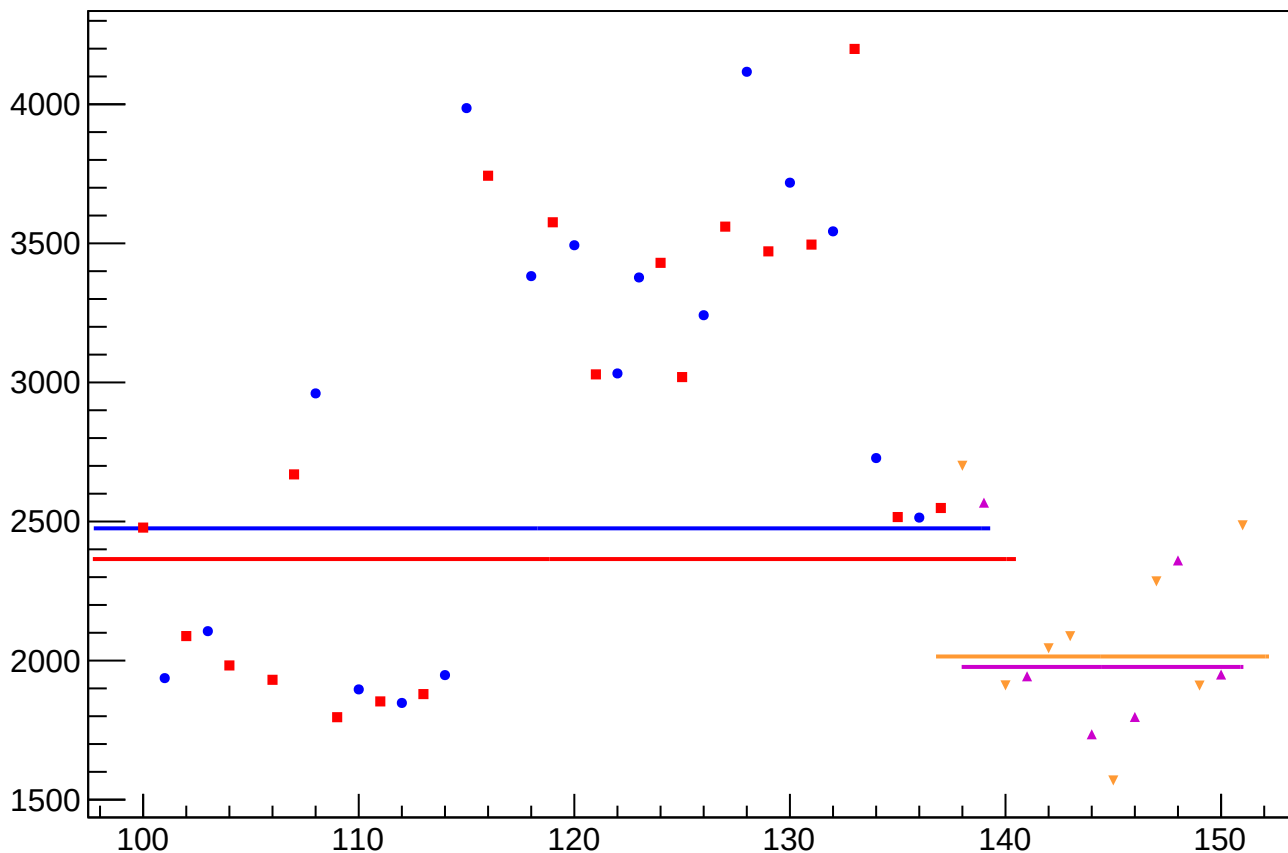
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -625.057 $\pm$ 666.666 χ^2 /NDF:29.6/22

Out: 1071.020 $\pm$ 623.562 χ^2 /NDF:38.1/26

All: 279.581 $\pm$ 455.401 χ^2 /NDF: 71.2/49

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2014.764 $\pm$ 0.597 χ^2/NDF :306106.9/7

Right Out: 2365.025 $\pm$ 0.654 χ^2/NDF : 1027171.5/18

Left In: 1977.207 $\pm$ 0.635 χ^2/NDF :175073.8/5

Left: 1997.137 $\pm$ 0.435 χ^2/NDF : 483036.7/13

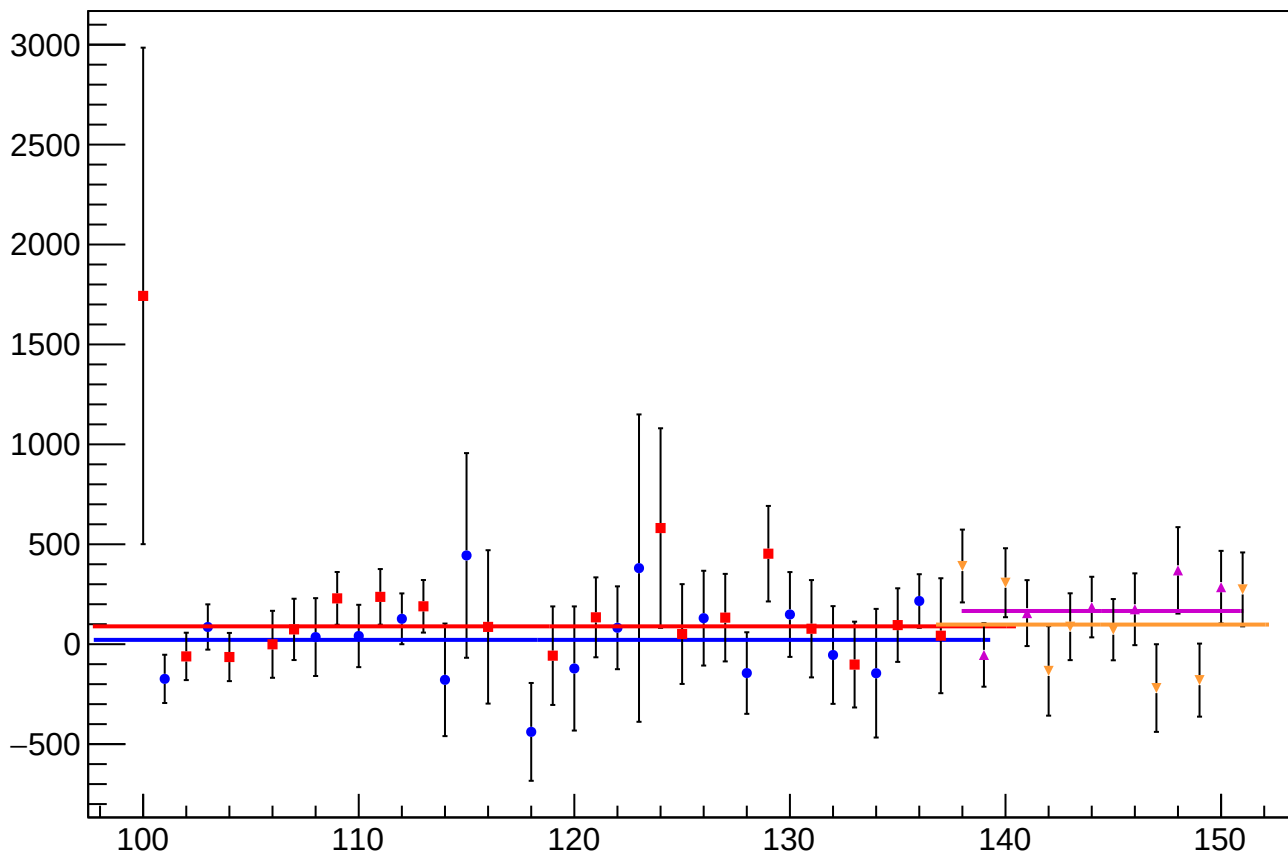
Right: 2416.181 $\pm$ 0.479 χ^2/NDF : 1953463.4/35

In: 2200.911 $\pm$ 0.471 χ^2/NDF :1364501.8/22

Out: 2174.130 $\pm$ 0.441 χ^2/NDF :1489759.2/26

All: 2186.627 $\pm$ 0.322 χ^2/NDF : 2855982.5/49

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: 166.168 $\pm$ 70.268 χ^2 /NDF:3.3/5

Left: 129.164 $\pm$ 47.433 χ^2 /NDF: 14.2/13

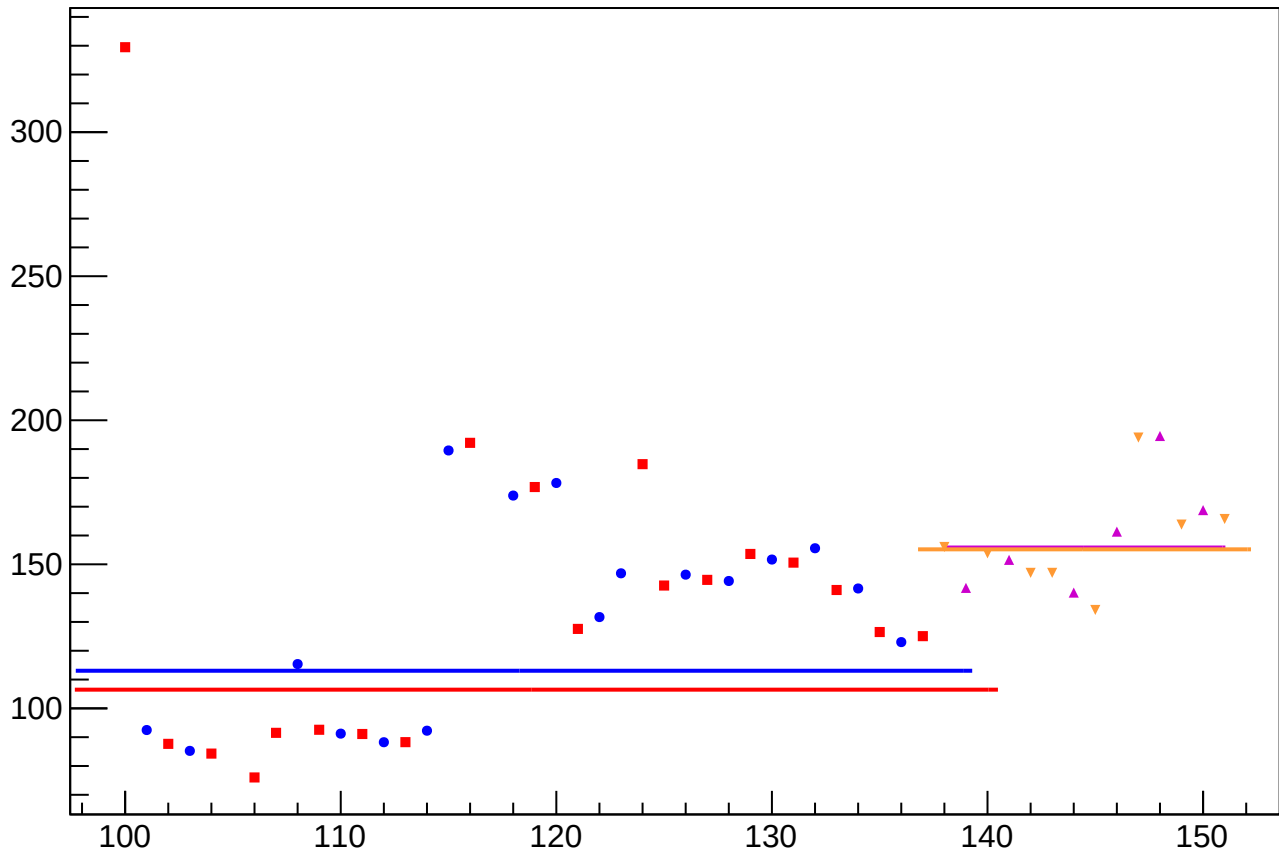
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 63.888 $\pm$ 37.989 χ^2 /NDF:18.8/22

Out: 91.950 $\pm$ 35.046 χ^2 /NDF:23.2/26

All: 79.048 $\pm$ 25.759 χ^2 /NDF: 42.3/49

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: 155.831 $\pm$ 0.050 χ^2/NDF :114362.2/5

Left: 155.486 $\pm$ 0.034 χ^2/NDF : 233230.7/13

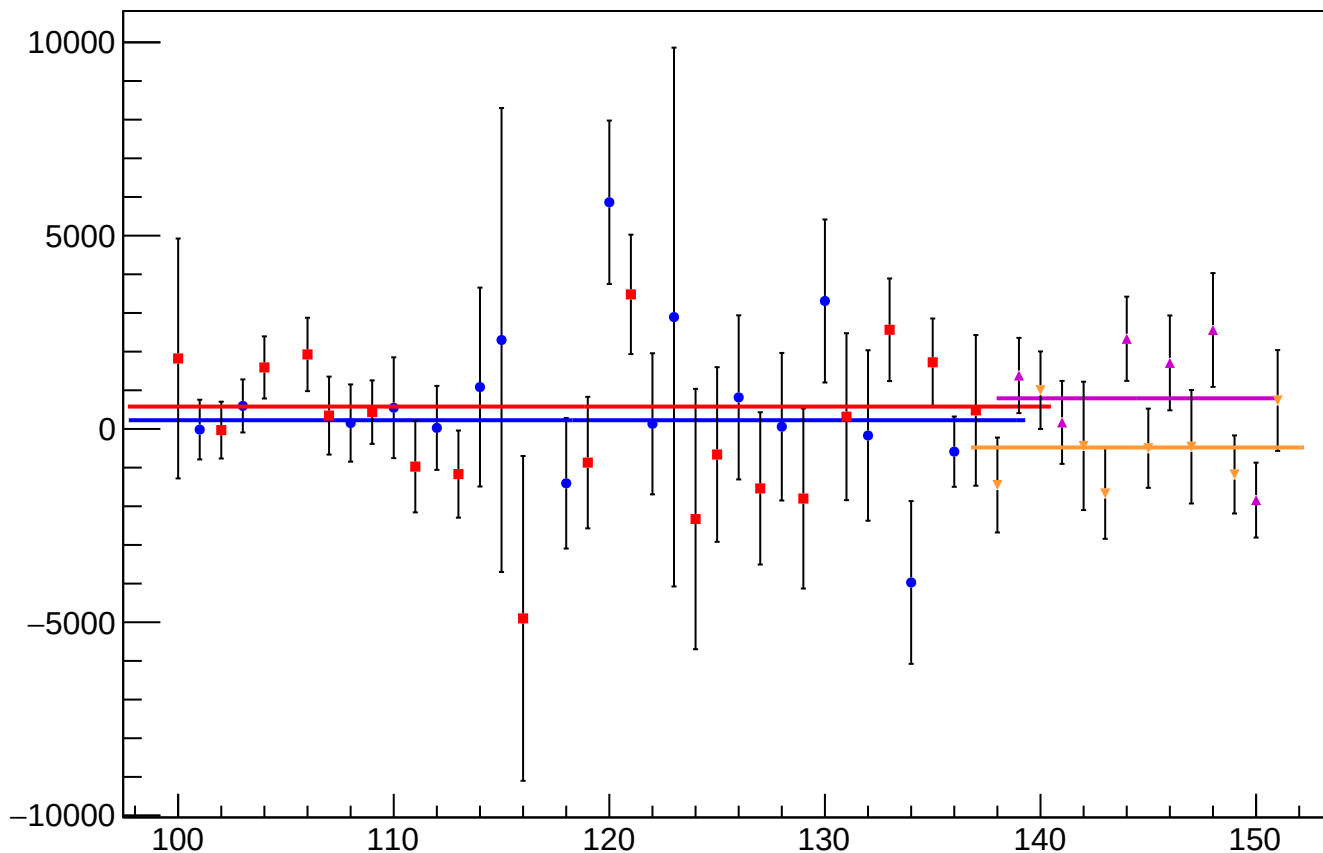
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 125.560 $\pm$ 0.027 χ^2/NDF :1459594.0/22

Out: 120.965 $\pm$ 0.025 χ^2/NDF :1941724.4/26

All: 123.078 $\pm$ 0.018 χ^2/NDF : 3417123.3/49

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -479.385 $\pm$ 417.598 χ^2 /NDF:5.2/7

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 792.398 $\pm$ 449.115 χ^2 /NDF:12.1/5

Left: 110.322 $\pm$ 305.822 χ^2 /NDF: 21.6/13

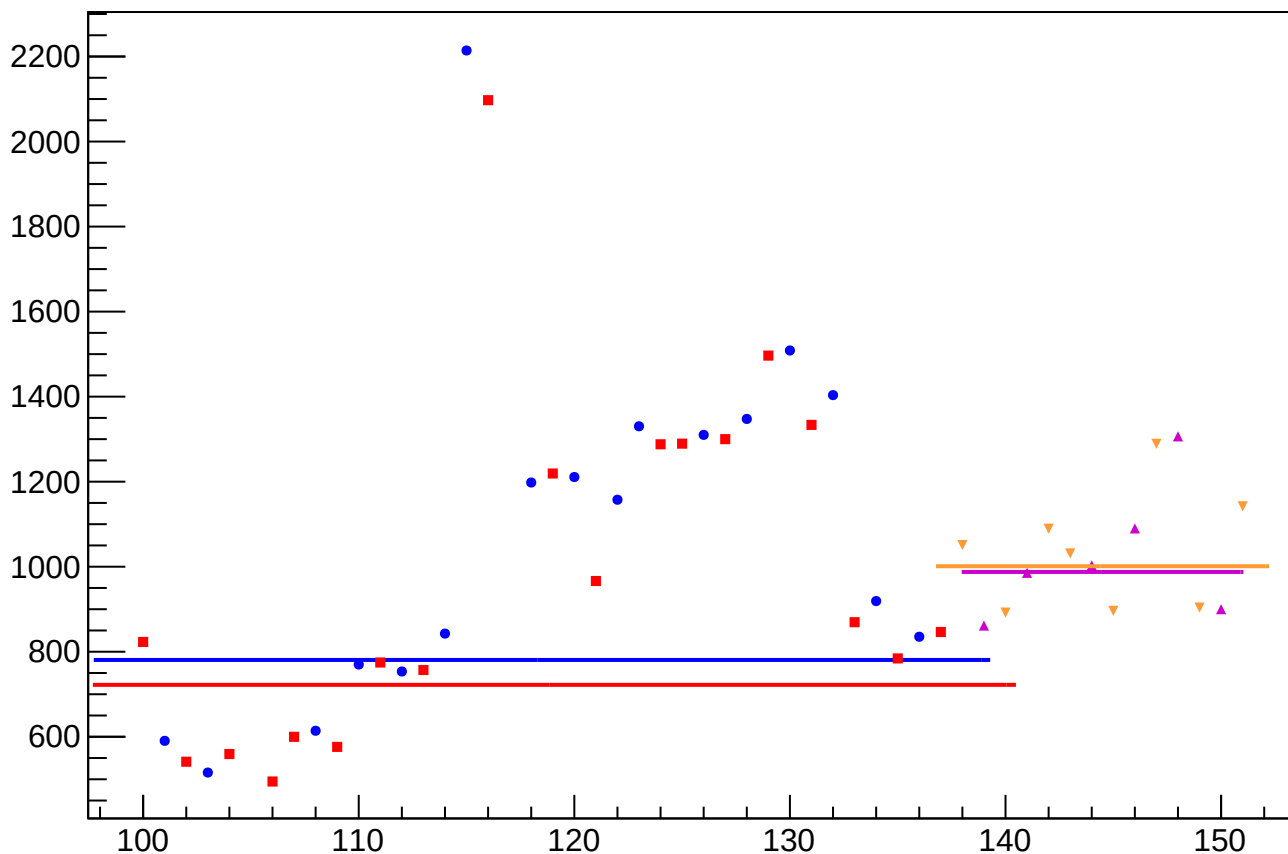
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 417.595 $\pm$ 261.374 χ^2 /NDF:29.1/22

Out: 235.890 $\pm$ 237.772 χ^2 /NDF:30.7/26

All: 318.170 $\pm$ 175.884 χ^2 /NDF: 60.0/49

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: 987.654 $\pm$ 0.318 χ^2 /NDF:158158.5/5

Left: 994.857 $\pm$ 0.216 χ^2 /NDF: 332899.5/13

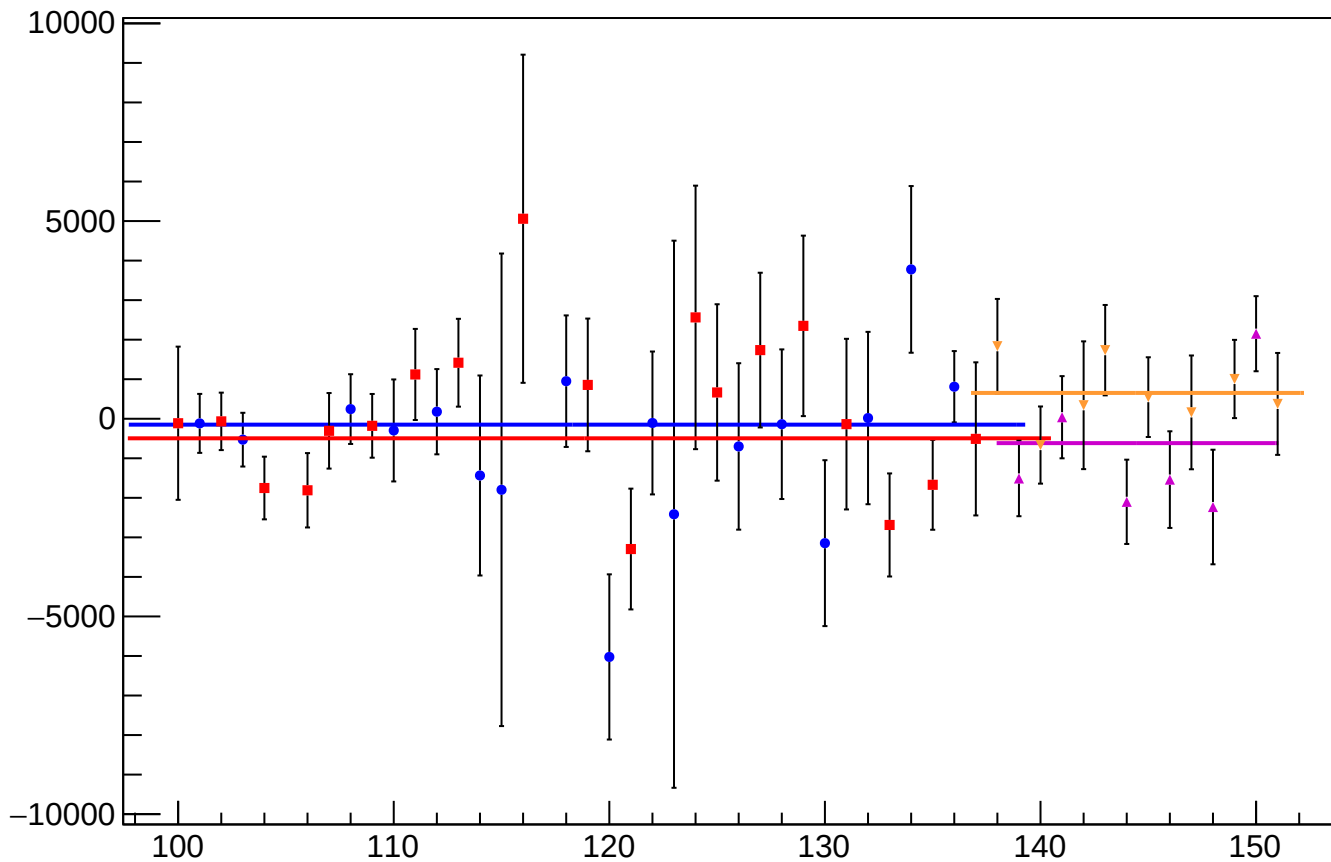
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 850.794 $\pm$ 0.185 χ^2 /NDF:2048511.3/22

Out: 812.578 $\pm$ 0.168 χ^2 /NDF:2405584.5/26

All: 829.883 $\pm$ 0.124 χ^2 /NDF: 4477491.6/49

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 653.044+/-408.673 χ^2/NDF : 4.0/7

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -616.363+/-440.304 χ^2/NDF : 13.5/5

Left: 65.571+/-299.534 χ^2/NDF : 22.0/13

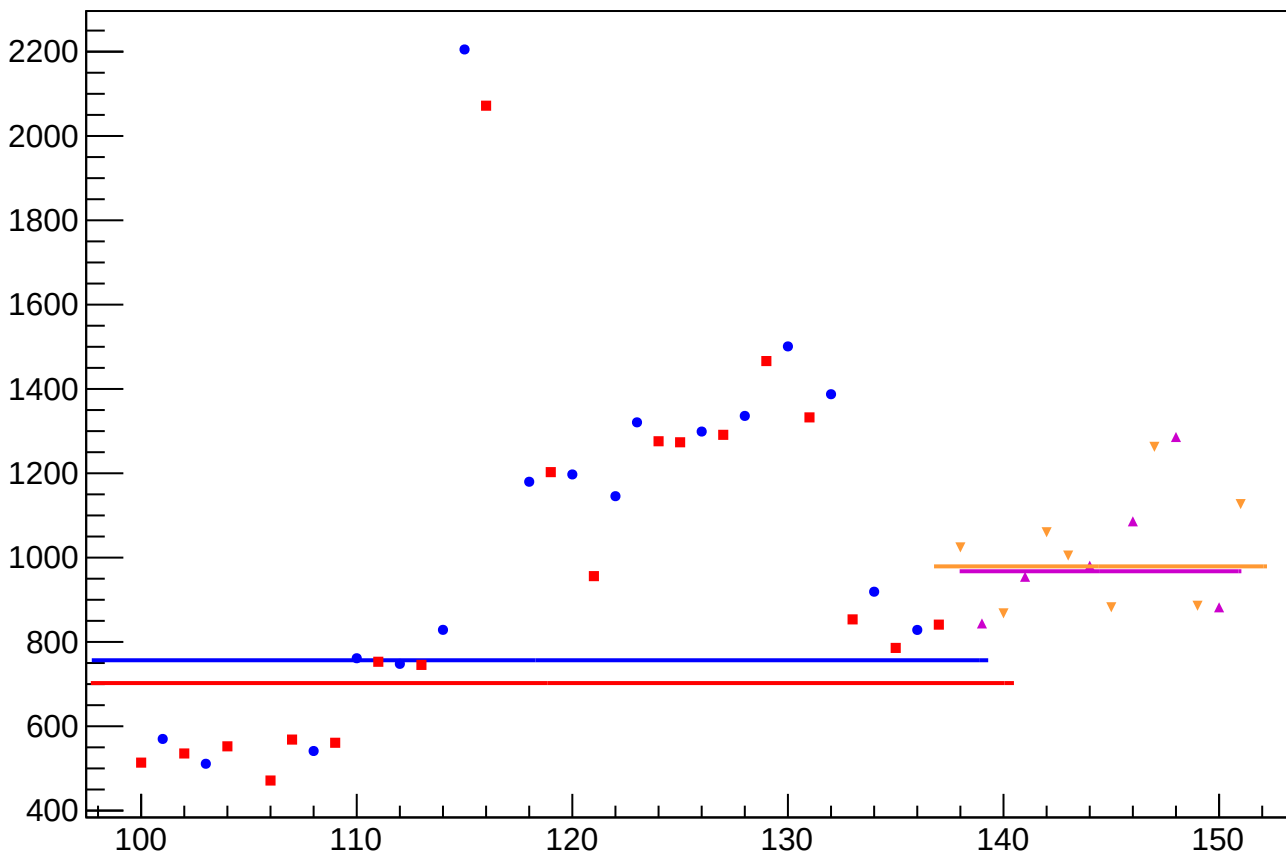
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -305.977+/-255.090 χ^2/NDF : 30.4/22

Out: -123.303+/-232.506 χ^2/NDF : 33.0/26

All: -206.197+/-171.837 χ^2/NDF : 63.7/49

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 979.212 $\pm$ 0.289 χ^2 /NDF:175172.6/7

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 967.609 $\pm$ 0.311 χ^2 /NDF:165842.5/5

Left: 973.842 $\pm$ 0.212 χ^2 /NDF: 341761.2/13

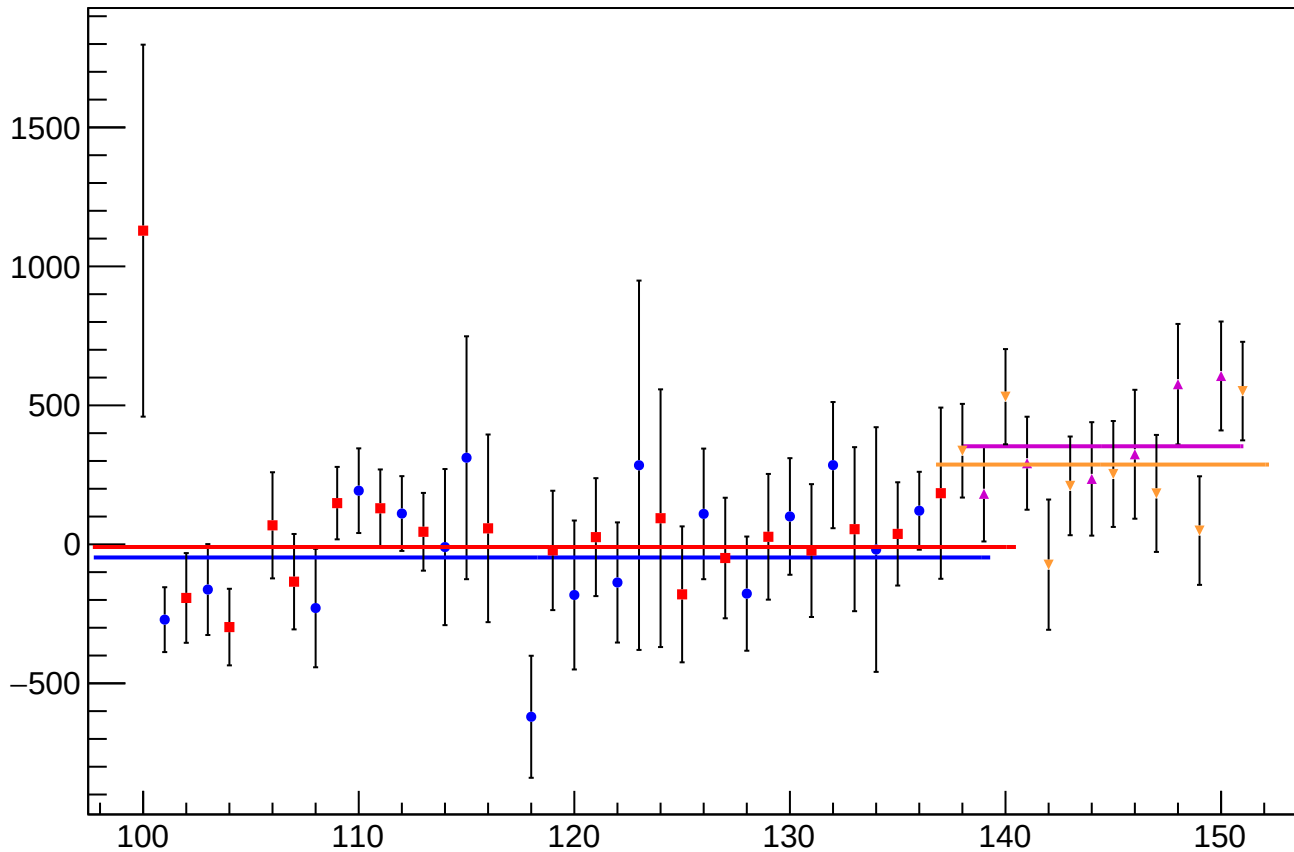
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 827.384 $\pm$ 0.180 χ^2 /NDF:2184820.8/22

Out: 792.028 $\pm$ 0.164 χ^2 /NDF:2484953.3/26

All: 808.072 $\pm$ 0.122 χ^2 /NDF: 4690759.5/49

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 287.057 $\pm$ 66.314 χ^2/NDF : 8.6/7

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 352.872 $\pm$ 79.141 χ^2/NDF : 4.2/5

Left: 314.205 $\pm$ 50.829 χ^2/NDF : 13.3/13

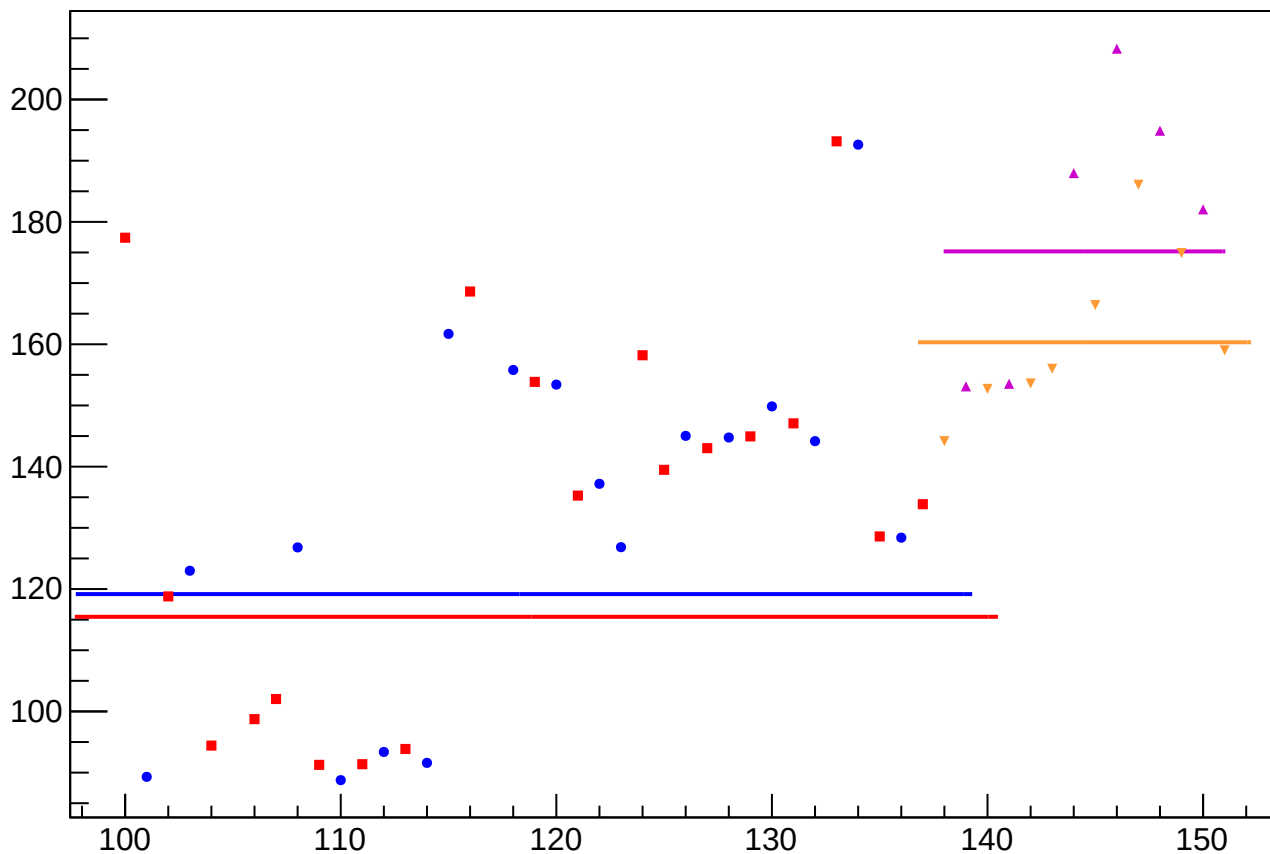
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 58.025 $\pm$ 40.581 χ^2/NDF : 44.9/22

Out: 83.283 $\pm$ 37.093 χ^2/NDF : 35.4/26

All: 71.786 $\pm$ 27.379 χ^2/NDF : 80.6/49

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 160.326 $\pm$ 0.047 χ^2 /NDF: 68404.2/7

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 175.175 $\pm$ 0.056 χ^2 /NDF: 134207.1/5

Left: 166.451 $\pm$ 0.036 χ^2 /NDF: 243981.2/13

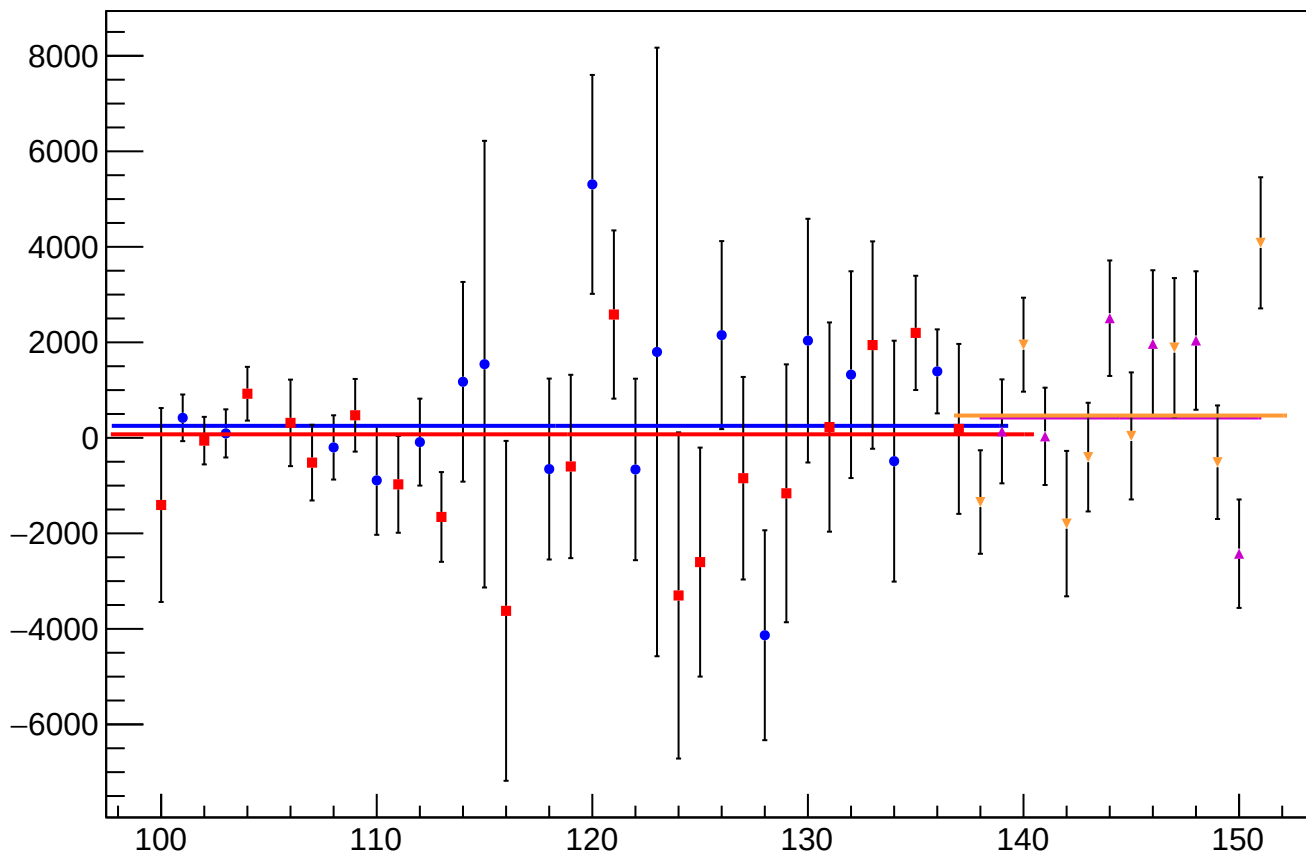
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 133.900 $\pm$ 0.029 χ^2 /NDF: 1487605.9/22

Out: 129.502 $\pm$ 0.026 χ^2 /NDF: 1390058.8/26

All: 131.504 $\pm$ 0.019 χ^2 /NDF: 2890461.5/49

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: 426.714+/-490.148 χ^2/NDF :11.7/5

Left: 449.579+/-324.027 χ^2/NDF : 28.3/13

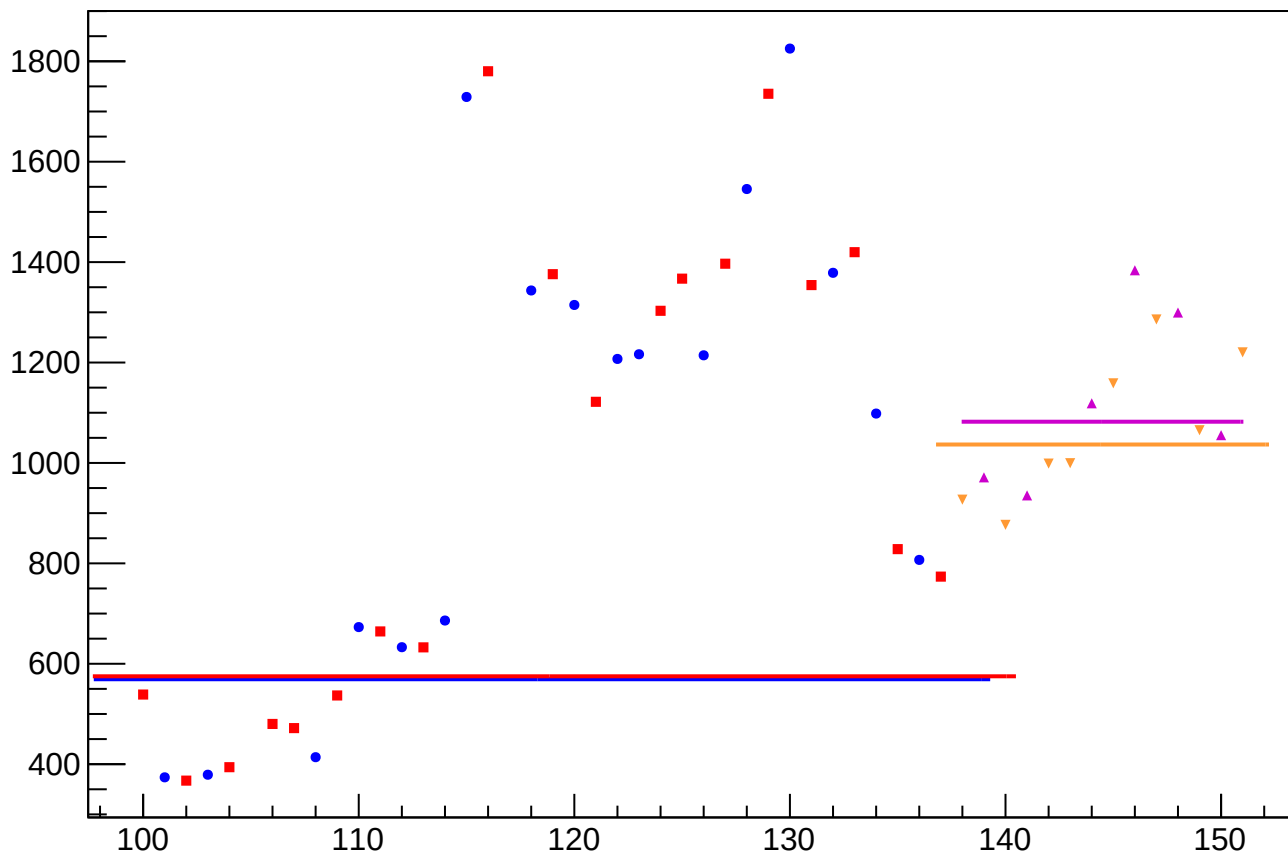
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 288.504+/-224.691 χ^2/NDF :26.7/22

Out: 169.254+/-212.415 χ^2/NDF :35.2/26

All: 225.533+/-154.357 χ^2/NDF : 62.0/49

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1036.715 $\pm$ 0.305 χ^2 /NDF:189041.4/7

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1082.123 $\pm$ 0.347 χ^2 /NDF:186749.5/5

Left: 1056.560 $\pm$ 0.229 χ^2 /NDF: 385454.2/13

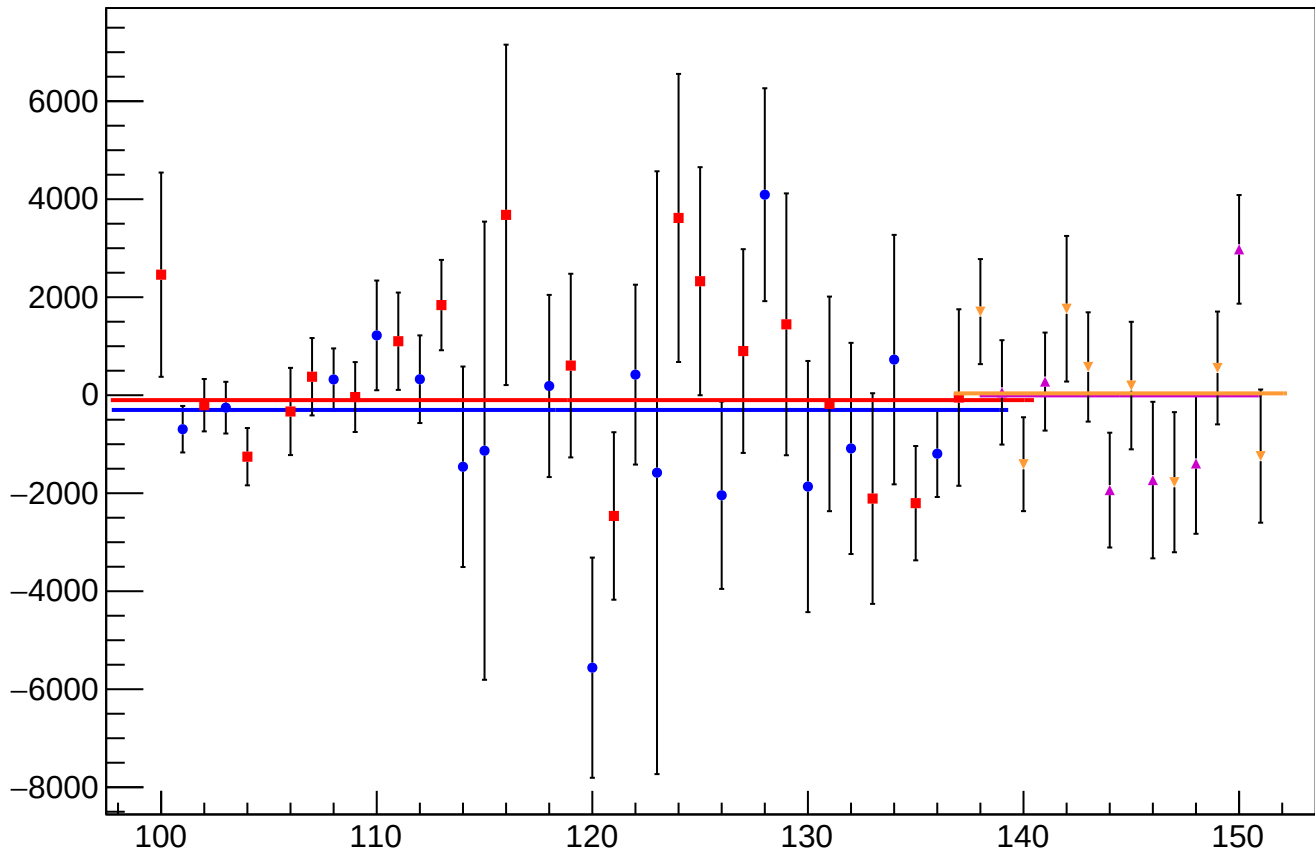
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 676.987 $\pm$ 0.159 χ^2 /NDF:5183729.2/22

Out: 686.743 $\pm$ 0.150 χ^2 /NDF:4980623.9/26

All: 682.139 $\pm$ 0.109 χ^2 /NDF: 10166344.3/49

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 37.508 ± 422.862 $\chi^2/\text{NDF}: 9.0/7$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -3.401 ± 482.165 $\chi^2/\text{NDF}: 12.1/5$

Left: 19.723 ± 317.920 $\chi^2/\text{NDF}: 21.1/13$

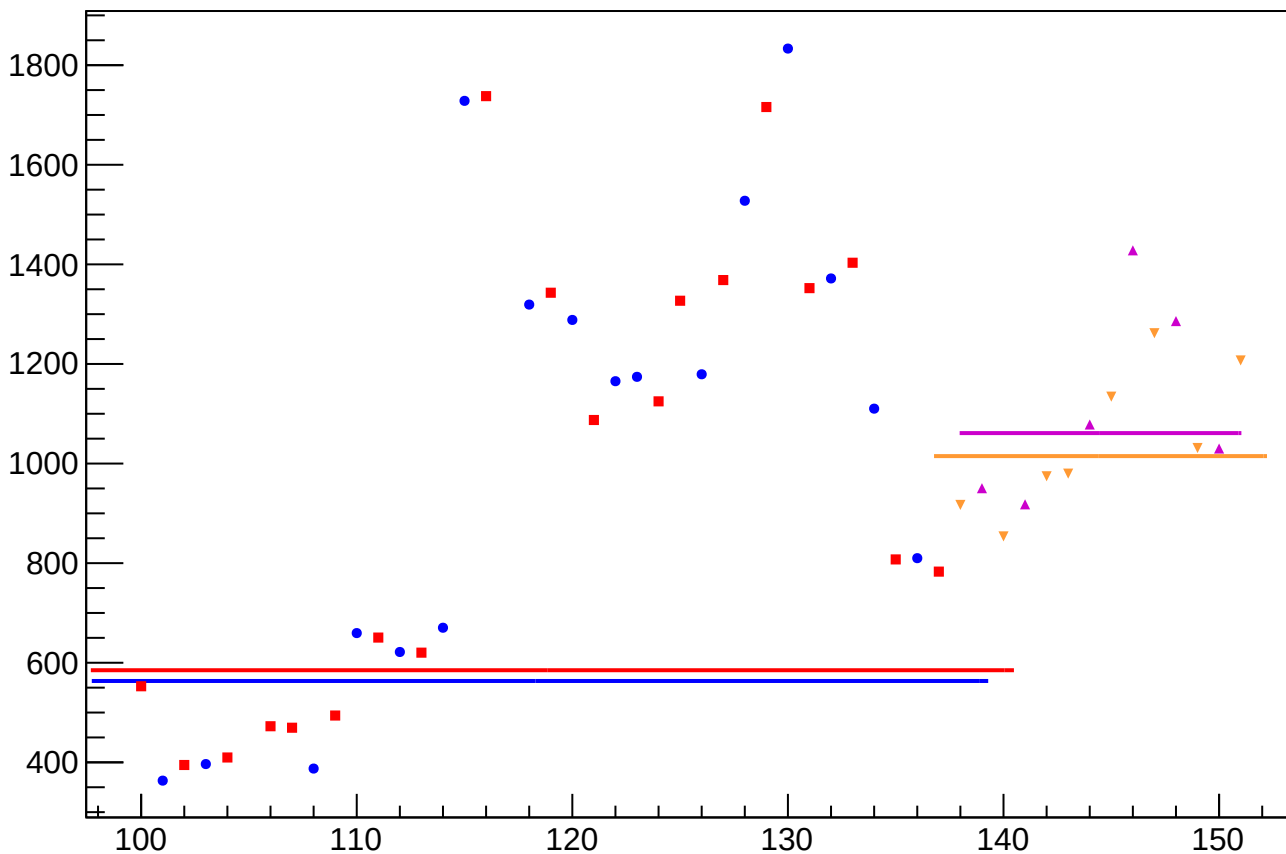
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -237.552 ± 222.152 $\chi^2/\text{NDF}: 29.1/22$

Out: -65.198 ± 212.611 $\chi^2/\text{NDF}: 31.5/26$

All: -147.594 ± 153.601 $\chi^2/\text{NDF}: 60.9/49$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1014.953+/-0.299 χ^2/NDF :193610.5/7

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1061.170+/-0.341 χ^2/NDF :219218.0/5

Left: 1035.046+/-0.225 χ^2/NDF : 423215.4/13

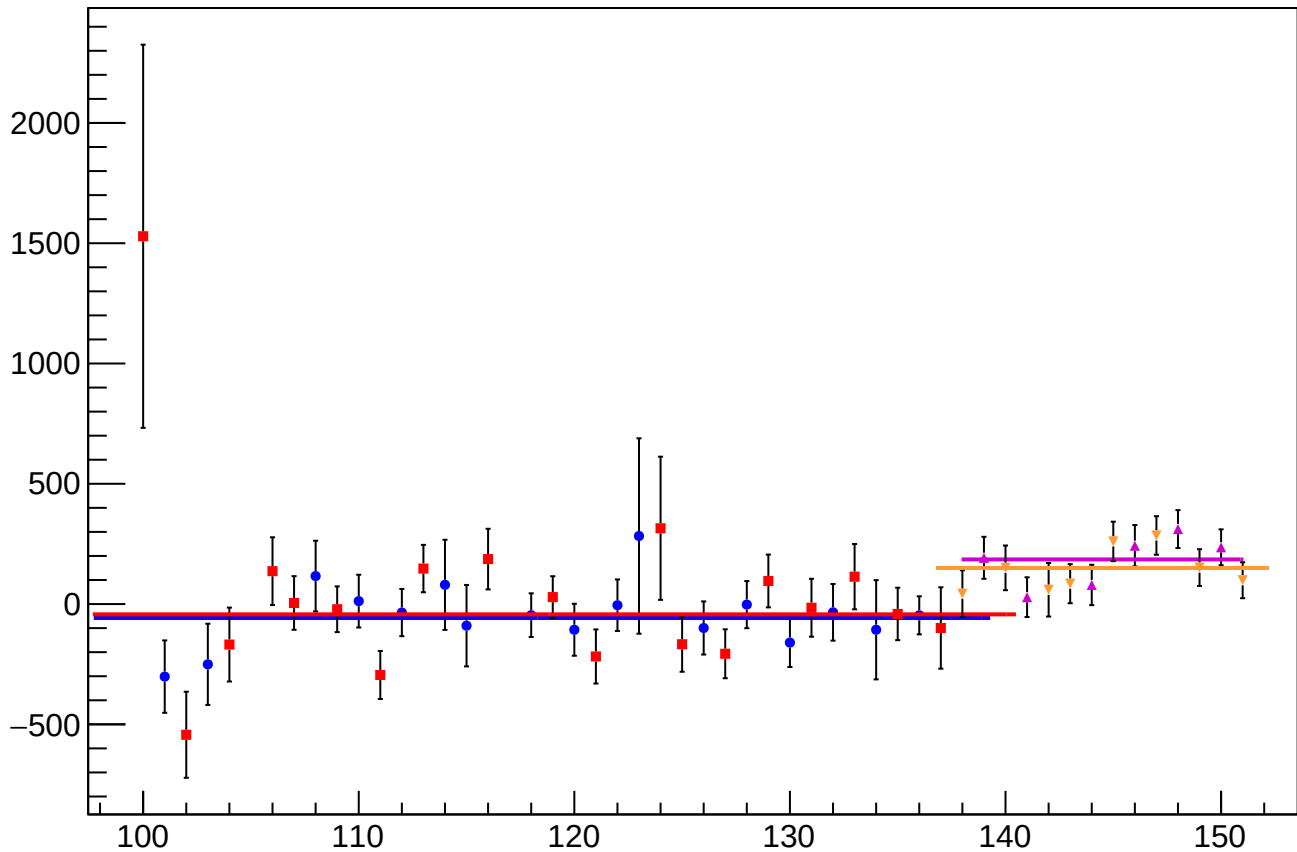
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 669.062+/-0.157 χ^2/NDF :5157379.3/22

Out: 693.679+/-0.150 χ^2/NDF :4557299.2/26

All: 681.910+/-0.109 χ^2/NDF : 9727496.3/49

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 150.101 ± 30.024 χ^2/NDF : 7.6/7

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 185.520 ± 33.409 χ^2/NDF : 8.7/5

Left: 165.926 ± 22.331 χ^2/NDF : 16.9/13

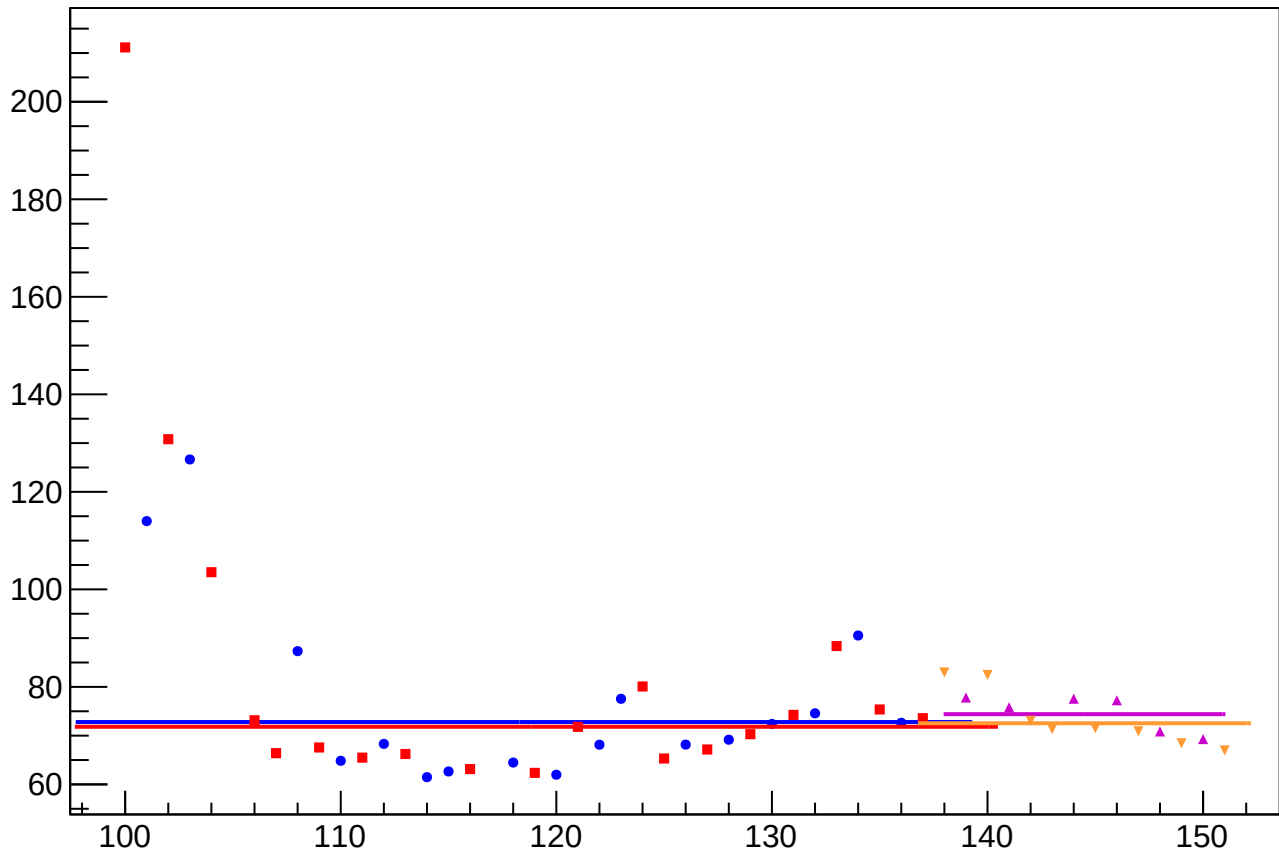
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 45.544 ± 21.767 χ^2/NDF : 48.3/22

Out: 45.884 ± 20.357 χ^2/NDF : 69.0/26

All: 45.725 ± 14.868 χ^2/NDF : 117.3/49

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 72.541 ± 0.021 $\chi^2/\text{NDF}: 64215.9/7$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 74.406 ± 0.024 $\chi^2/\text{NDF}: 22110.2/5$

Left: 73.374 ± 0.016 $\chi^2/\text{NDF}: 89776.0/13$

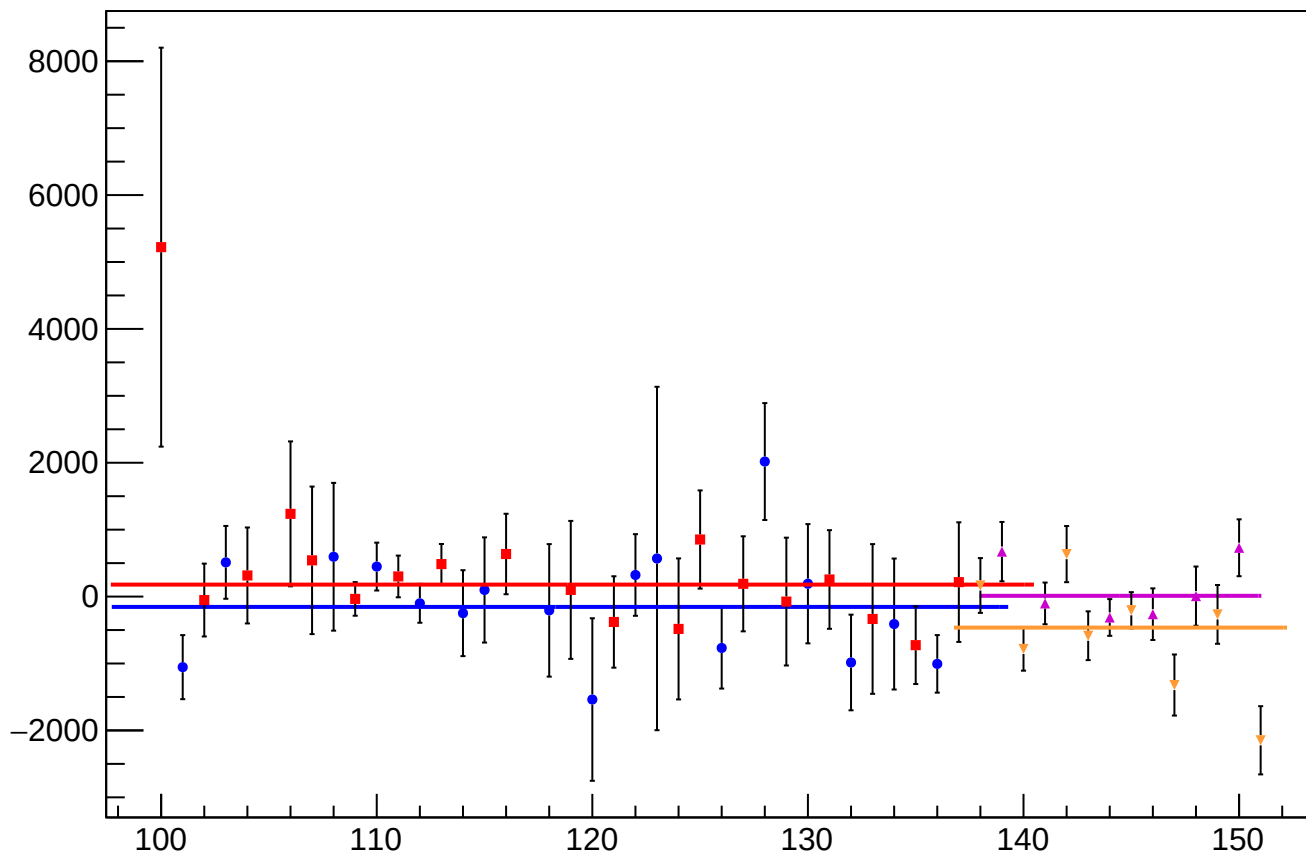
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 73.476 ± 0.015 $\chi^2/\text{NDF}: 489577.4/22$

Out: 72.153 ± 0.014 $\chi^2/\text{NDF}: 530485.9/26$

All: 72.770 ± 0.011 $\chi^2/\text{NDF}: 1024002.3/49$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -463.369 $\pm$ 133.441 χ^2/NDF : 25.9/7

Right Out: 179.068 $\pm$ 126.107 χ^2/NDF : 11.3/18

Left In: 11.449 $\pm$ 147.397 χ^2/NDF : 7.1/5

Left: -249.497 $\pm$ 98.924 χ^2/NDF : 38.7/13

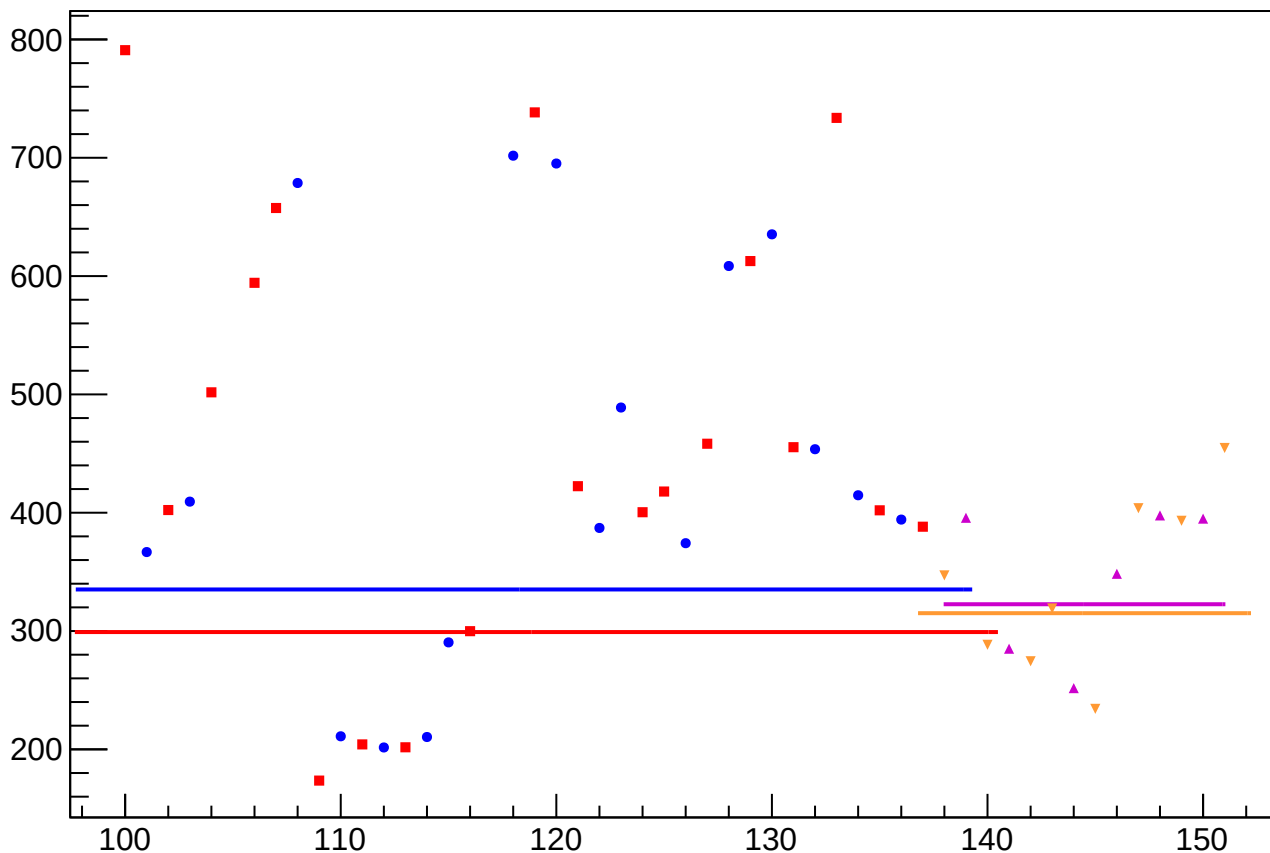
Right: 30.517 $\pm$ 93.908 χ^2/NDF : 37.6/35

In: -75.330 $\pm$ 101.775 χ^2/NDF : 30.9/22

Out: -124.013 $\pm$ 91.654 χ^2/NDF : 49.4/26

All: -102.212 $\pm$ 68.107 χ^2/NDF : 80.4/49

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 315.087+/-0.094 χ^2/NDF : 512331.3/7

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 322.650+/-0.104 χ^2/NDF : 341482.0/5

Left: 318.494+/-0.070 χ^2/NDF : 856707.1/13

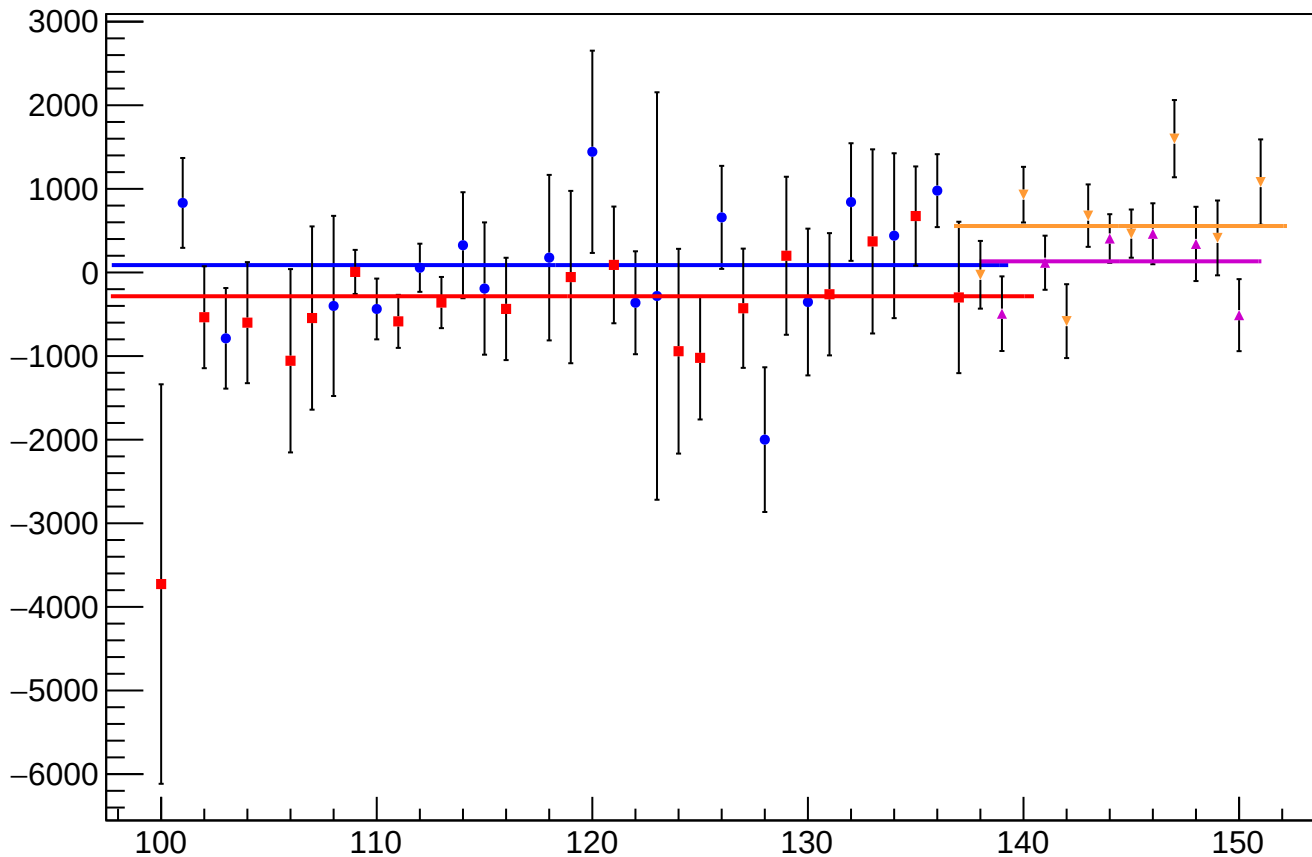
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 329.182+/-0.072 χ^2/NDF : 2343033.9/22

Out: 306.661+/-0.065 χ^2/NDF : 3358519.1/26

All: 316.746+/-0.048 χ^2/NDF : 5755630.9/49

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: 133.188+/-150.088 χ^2/NDF :6.1/5

Left: 363.011+/-101.346 χ^2/NDF : 26.9/13

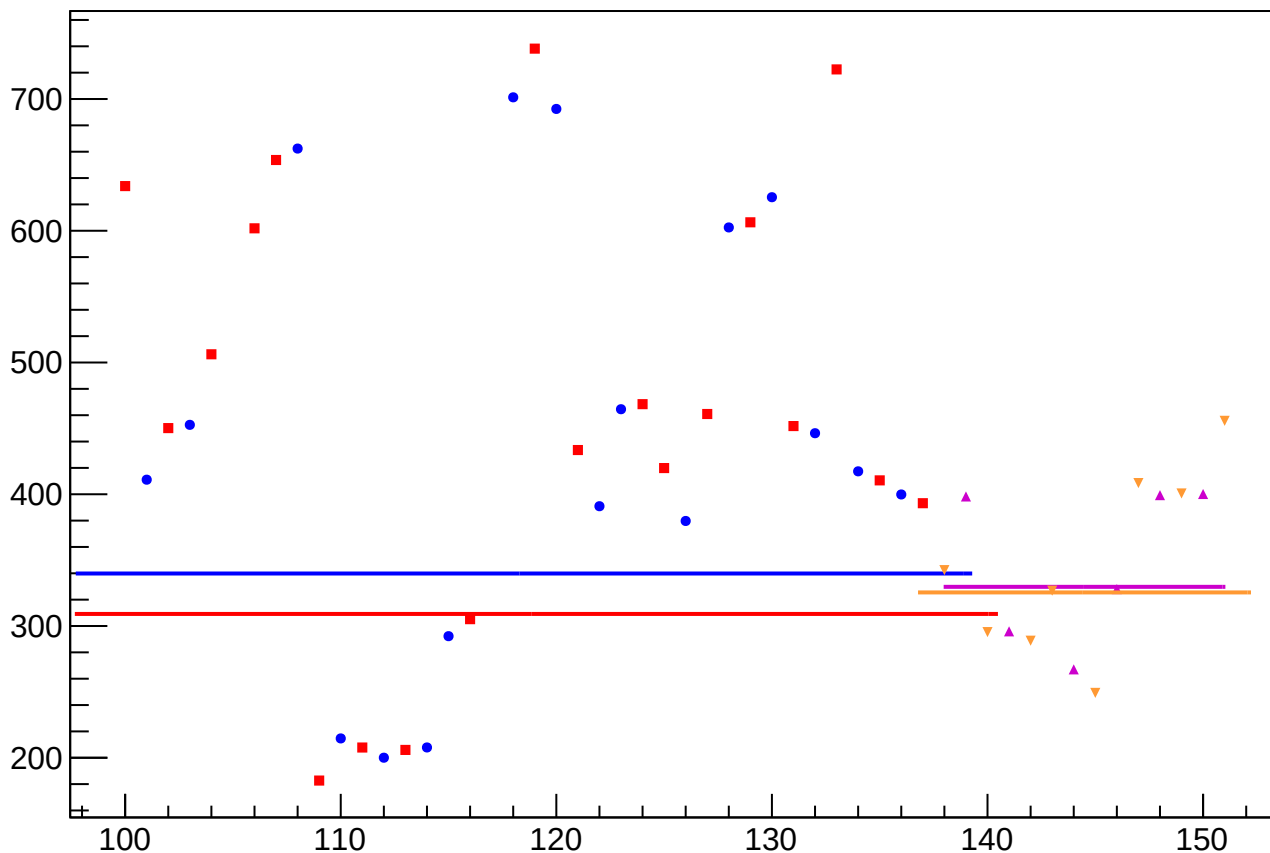
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 109.565+/-103.538 χ^2/NDF :27.0/22

Out: 111.275+/-94.307 χ^2/NDF :46.4/26

All: 110.500+/-69.721 χ^2/NDF : 73.3/49

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: 329.735 +/- 0.106 χ^2/NDF : 264622.3/5

Left: 327.425 +/- 0.072 χ^2/NDF : 690179.5/13

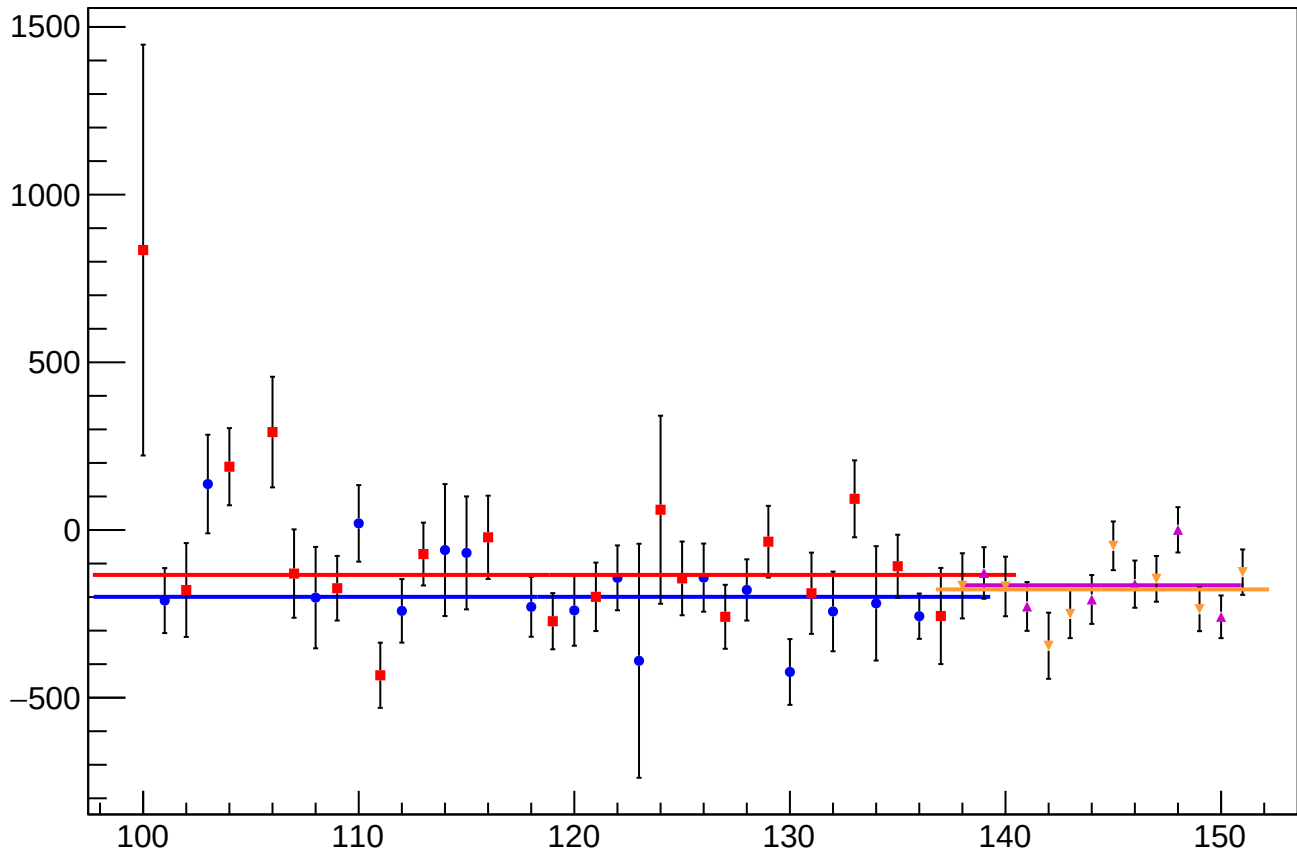
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 335.036 +/- 0.073 χ^2/NDF : 2312905.0/22

Out: 316.851 +/- 0.067 χ^2/NDF : 3175515.6/26

All: 325.097 +/- 0.049 χ^2/NDF : 5522140.4/49

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: -164.776 ± 28.685 $\chi^2/\text{NDF}: 9.5/5$

Left: -171.351 ± 19.617 $\chi^2/\text{NDF}: 18.4/13$

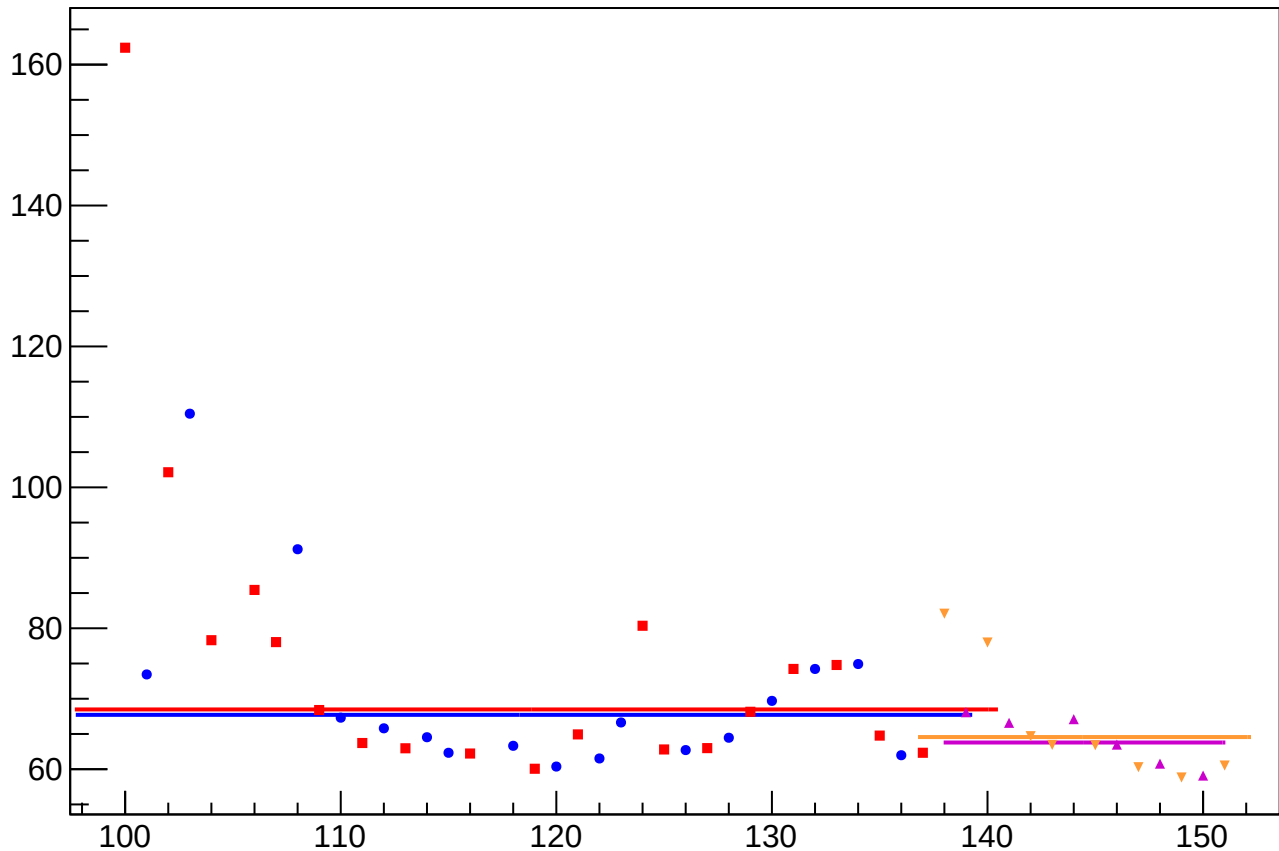
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -183.367 ± 19.471 $\chi^2/\text{NDF}: 27.9/22$

Out: -154.948 ± 18.775 $\chi^2/\text{NDF}: 49.2/26$

All: -168.641 ± 13.515 $\chi^2/\text{NDF}: 78.2/49$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF : 282892.5/16

Left Out: 64.562+/-0.019 χ^2/NDF : 141975.2/7

Right Out: 68.481+/-0.019 χ^2/NDF : 281423.4/18

Left In: 63.788+/-0.020 χ^2/NDF : 28216.0/5

Left: 64.200+/-0.014 χ^2/NDF : 170966.7/13

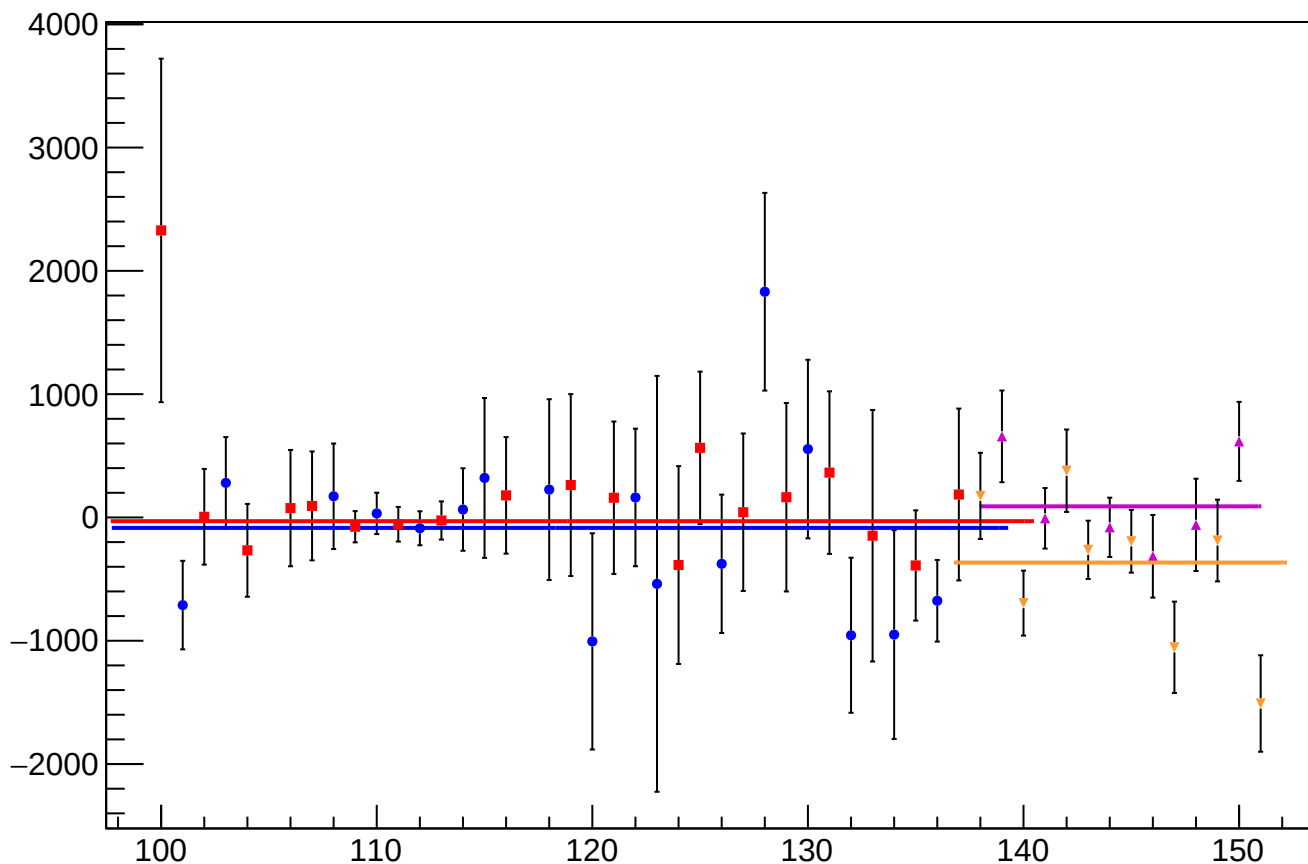
Right: 68.102+/-0.013 χ^2/NDF : 565158.7/35

In: 65.906+/-0.014 χ^2/NDF : 331328.5/22

Out: 66.570+/-0.013 χ^2/NDF : 445171.5/26

All: 66.250+/-0.010 χ^2/NDF : 777706.6/49

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: 90.159 ± 122.261 $\chi^2/\text{NDF}: 7.3/5$

Left: -168.562 ± 80.394 $\chi^2/\text{NDF}: 37.0/13$

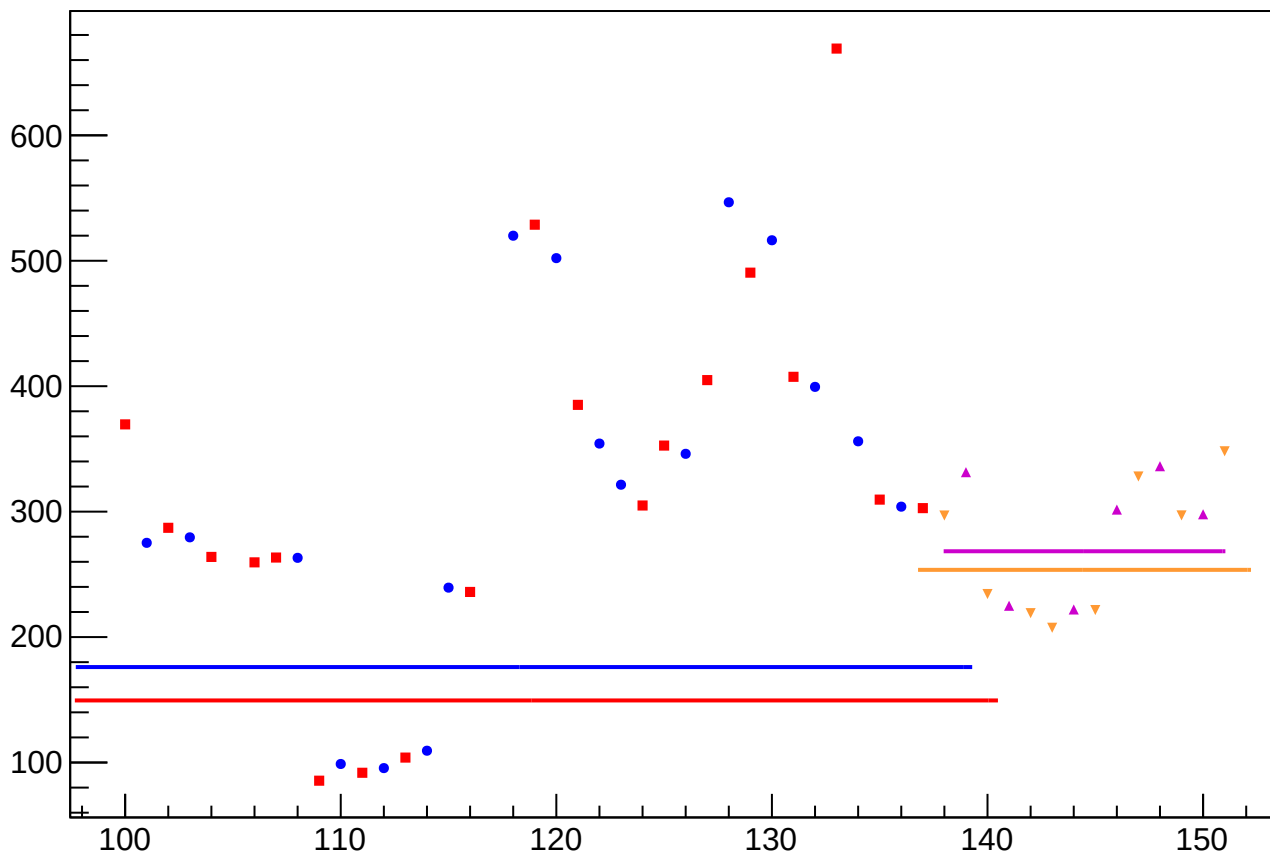
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -29.879 ± 68.482 $\chi^2/\text{NDF}: 28.6/22$

Out: -130.456 ± 58.333 $\chi^2/\text{NDF}: 35.1/26$

All: -88.166 ± 44.407 $\chi^2/\text{NDF}: 65.0/49$

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: 268.416+/-0.086 χ^2/NDF : 296904.6/5

Left: 260.003+/-0.057 χ^2/NDF : 716187.8/13

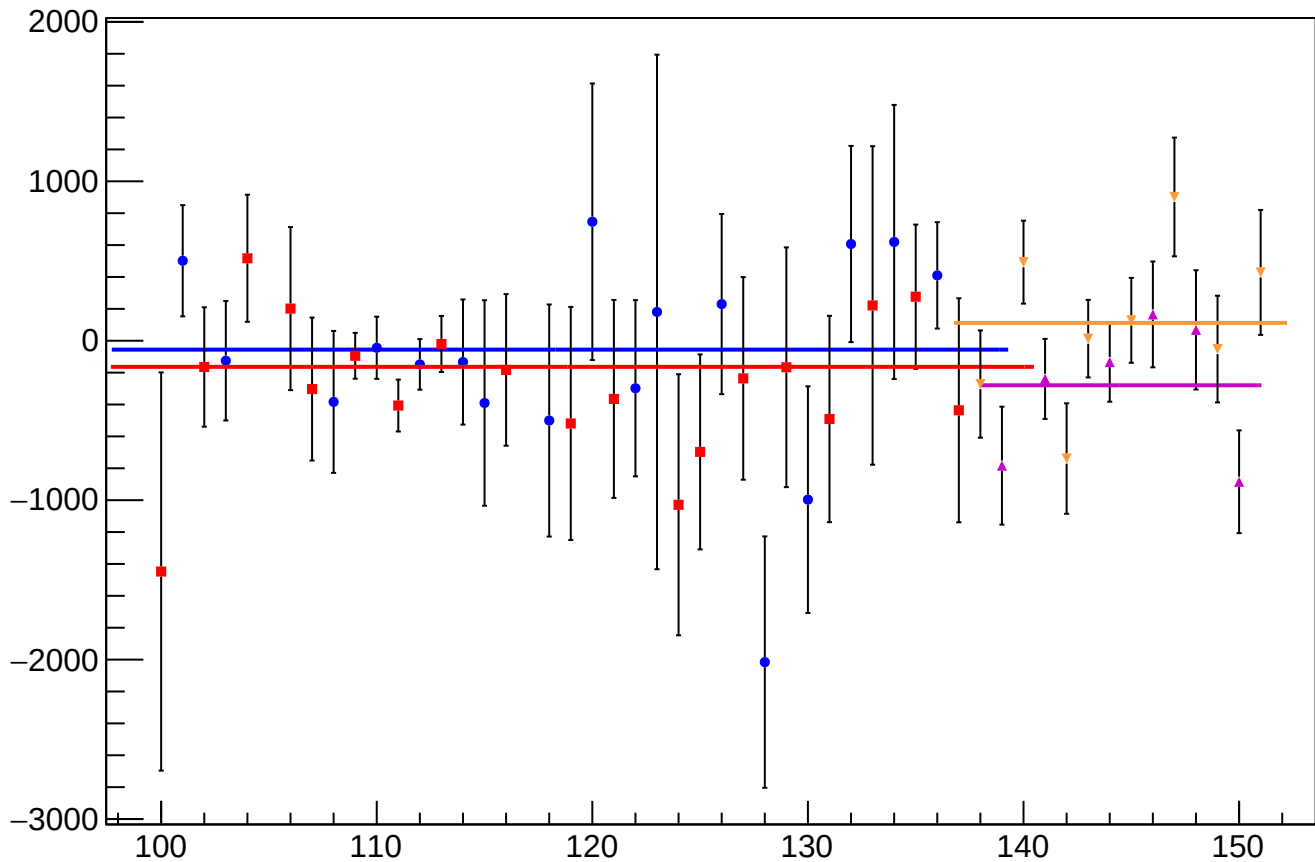
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 205.061+/-0.048 χ^2/NDF : 5303132.0/22

Out: 180.596+/-0.041 χ^2/NDF : 6558481.8/26

All: 190.883+/-0.031 χ^2/NDF : 12009547.7/49

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 111.983 ± 108.081 $\chi^2/\text{NDF}: 15.0/7$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -279.390 ± 123.888 $\chi^2/\text{NDF}: 8.4/5$

Left: -57.156 ± 81.444 $\chi^2/\text{NDF}: 29.1/13$

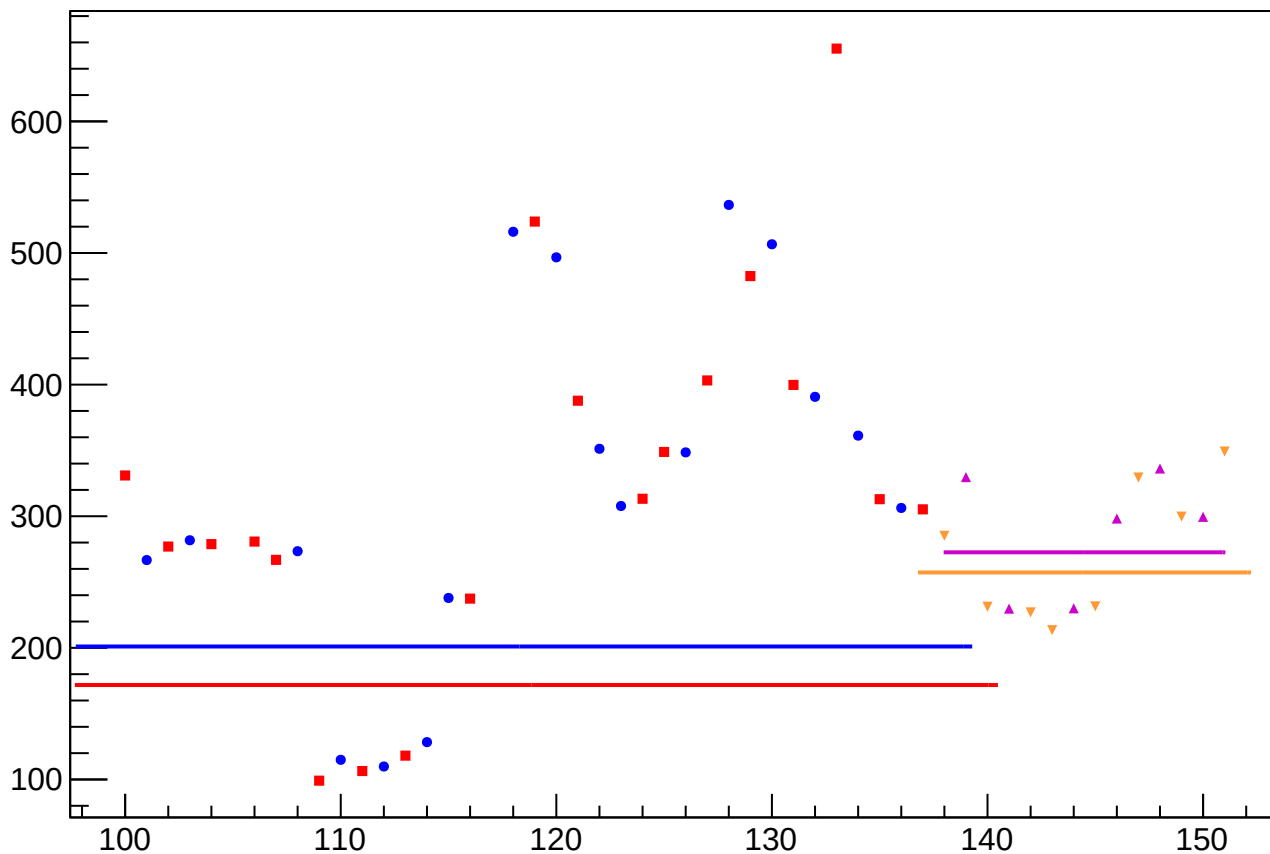
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -133.629 ± 73.116 $\chi^2/\text{NDF}: 27.7/22$

Out: -70.913 ± 62.672 $\chi^2/\text{NDF}: 30.8/26$

All: -97.476 ± 47.584 $\chi^2/\text{NDF}: 58.9/49$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 257.301+/-0.076 χ^2/NDF :349869.4/7

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 272.592+/-0.088 χ^2/NDF :248096.0/5

Left: 263.909+/-0.058 χ^2/NDF : 615264.6/13

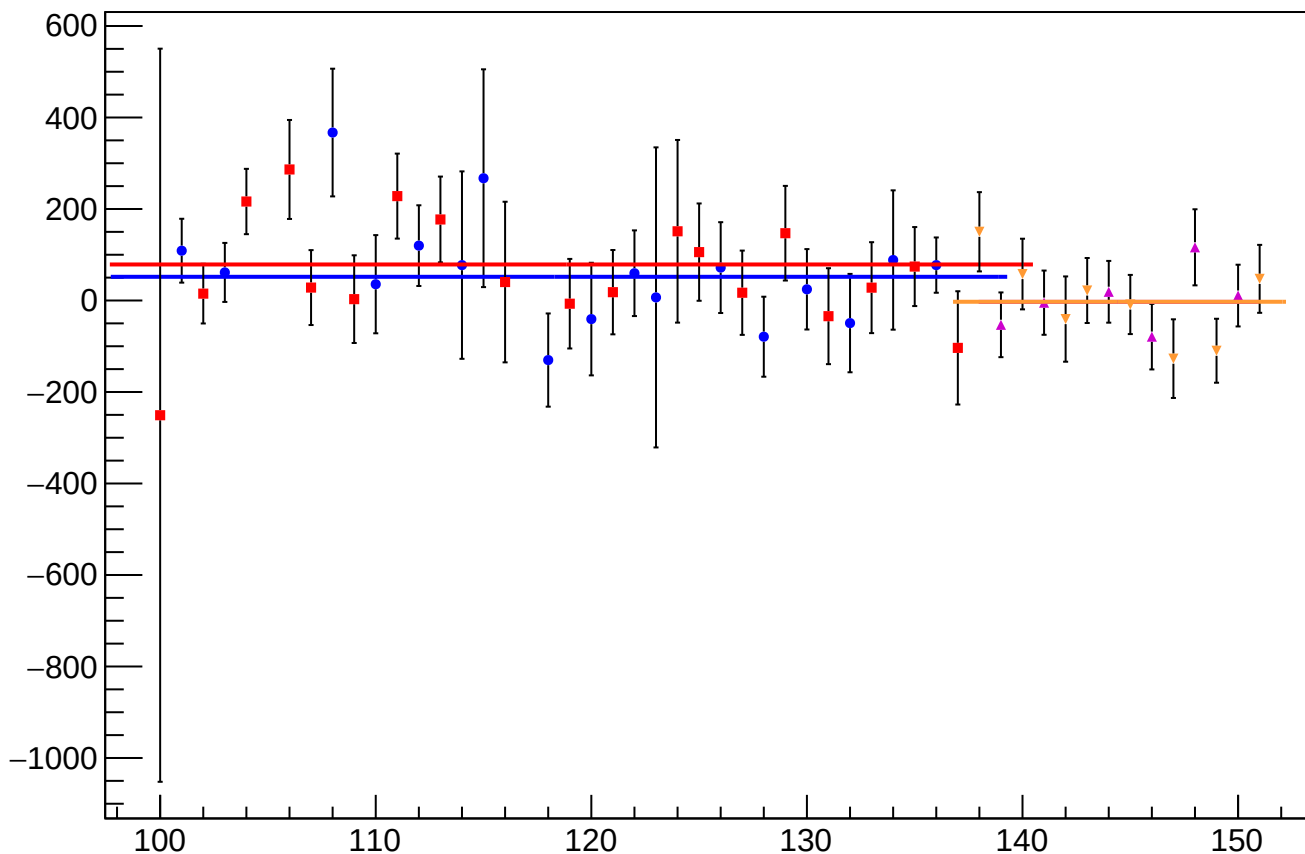
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 225.960+/-0.052 χ^2/NDF :4115926.8/22

Out: 200.526+/-0.044 χ^2/NDF :5279548.6/26

All: 211.298+/-0.034 χ^2/NDF : 9534979.2/49

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: -3.059 $\pm$ 29.093 χ^2 /NDF: 3.8/5

Left: -2.902 $\pm$ 19.780 χ^2 /NDF: 12.8/13

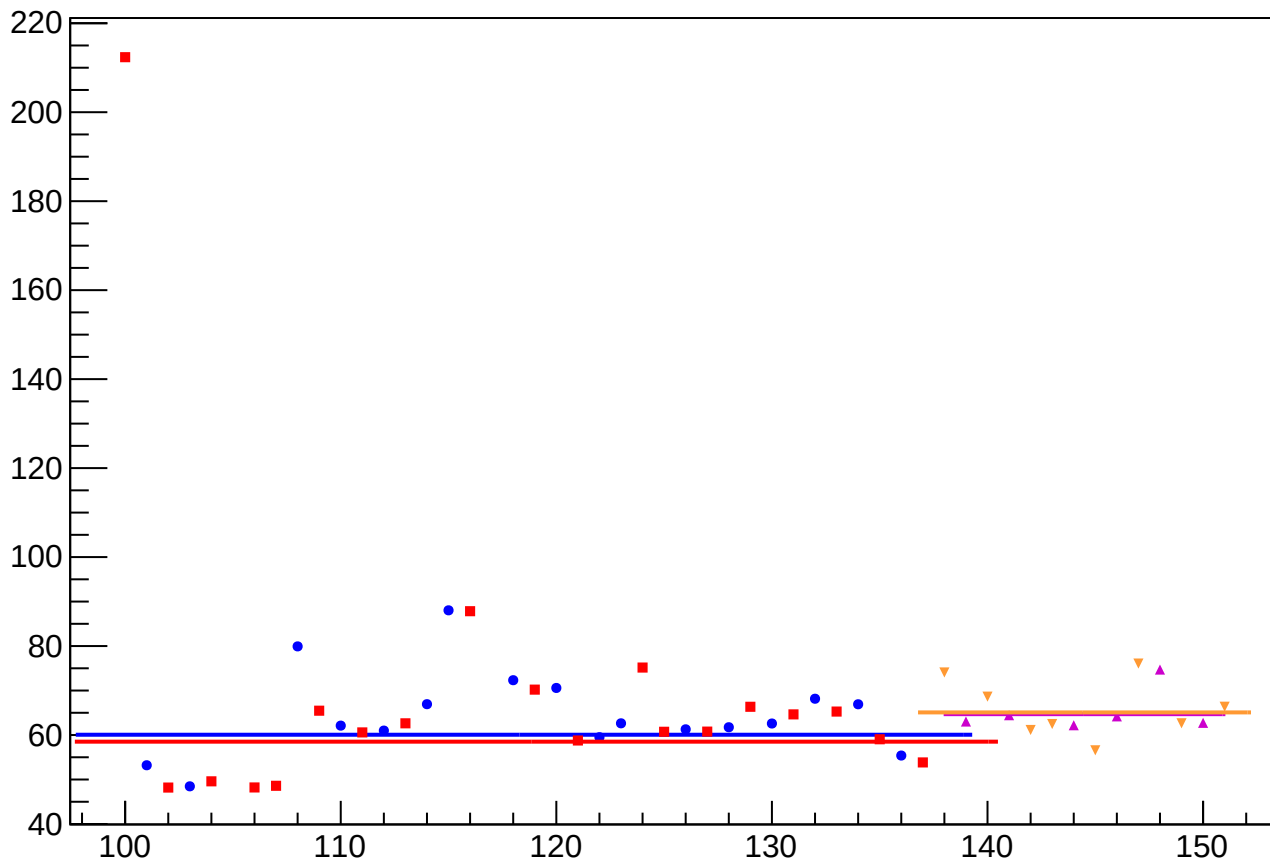
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 30.097 $\pm$ 18.299 χ^2 /NDF: 20.5/22

Out: 45.318 $\pm$ 17.273 χ^2 /NDF: 33.4/26

All: 38.146 $\pm$ 12.561 χ^2 /NDF: 54.3/49

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.085 $\pm$ 0.019 χ^2/NDF : 102375.7/7

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 64.690 $\pm$ 0.021 χ^2/NDF : 34695.6/5

Left: 64.902 $\pm$ 0.014 χ^2/NDF : 137269.6/13

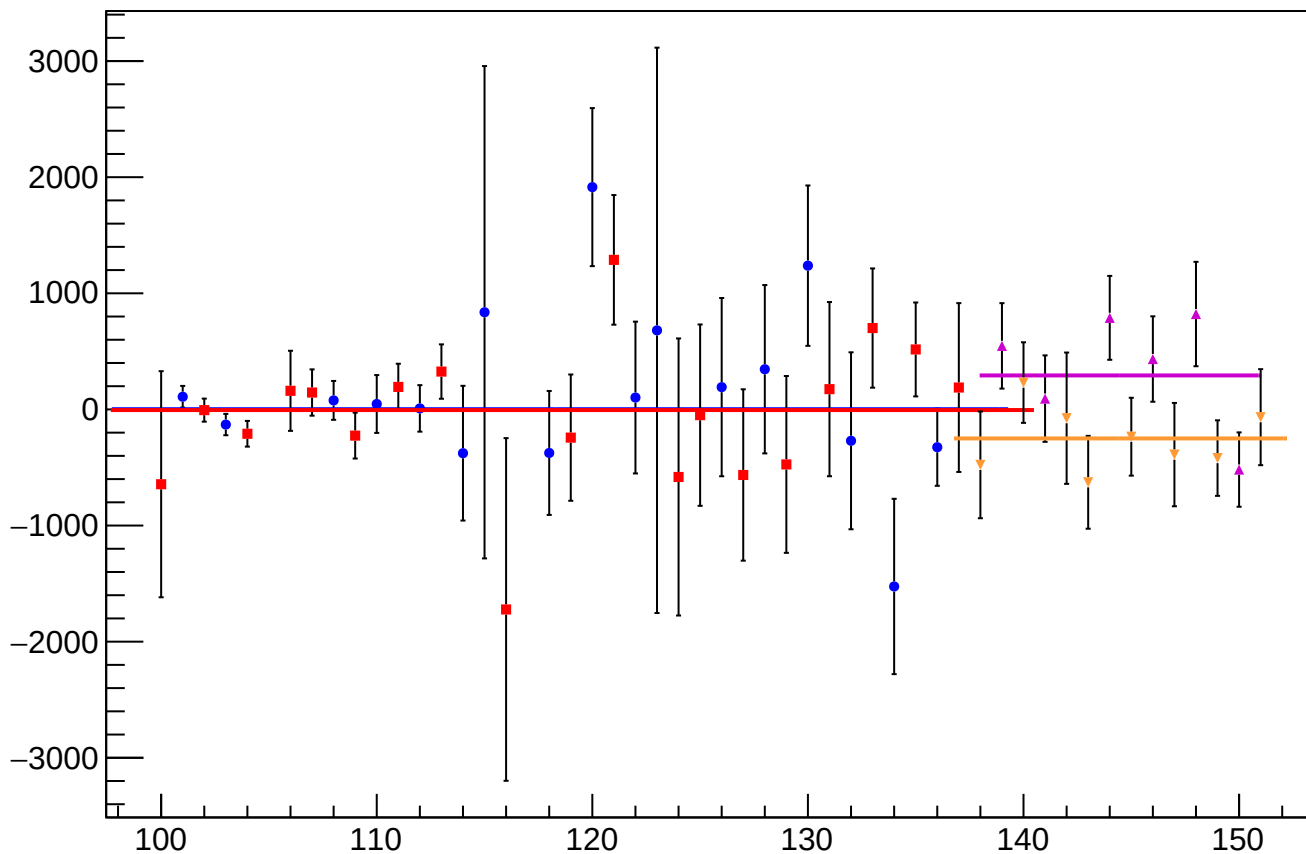
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 61.895 $\pm$ 0.013 χ^2/NDF : 294333.3/22

Out: 61.205 $\pm$ 0.012 χ^2/NDF : 521330.7/26

All: 61.530 $\pm$ 0.009 χ^2/NDF : 817165.2/49

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -249.787+/-139.114 χ^2/NDF : 3.7/7

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 292.659+/-150.144 χ^2/NDF : 10.6/5

Left: 0.780+/-102.045 χ^2/NDF : 21.3/13

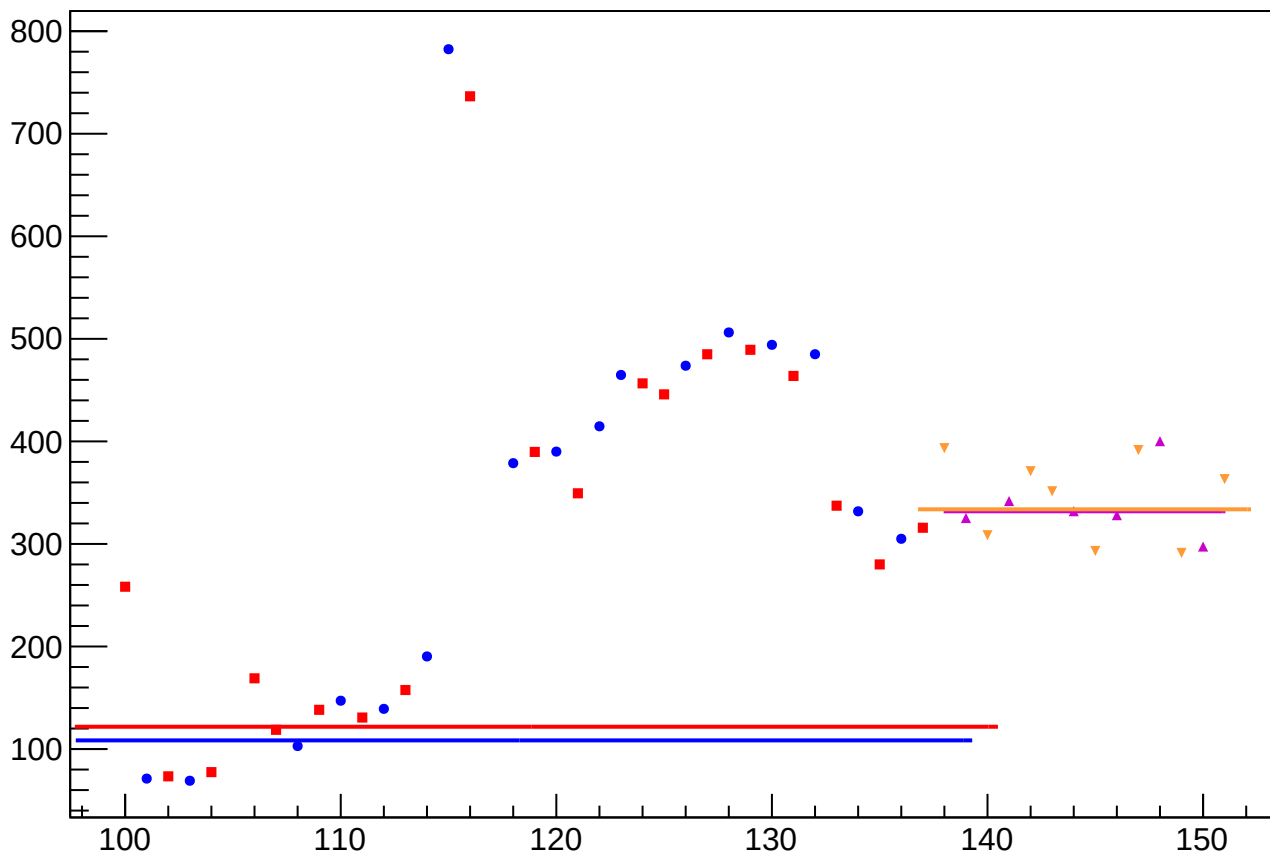
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 35.230+/-51.050 χ^2/NDF : 35.3/22

Out: -40.022+/-52.360 χ^2/NDF : 27.0/26

All: -1.443+/-36.552 χ^2/NDF : 63.4/49

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: 331.839 $\pm$ 0.106 χ^2 /NDF: 71624.7/5

Left: 332.878 $\pm$ 0.072 χ^2 /NDF: 235995.0/13

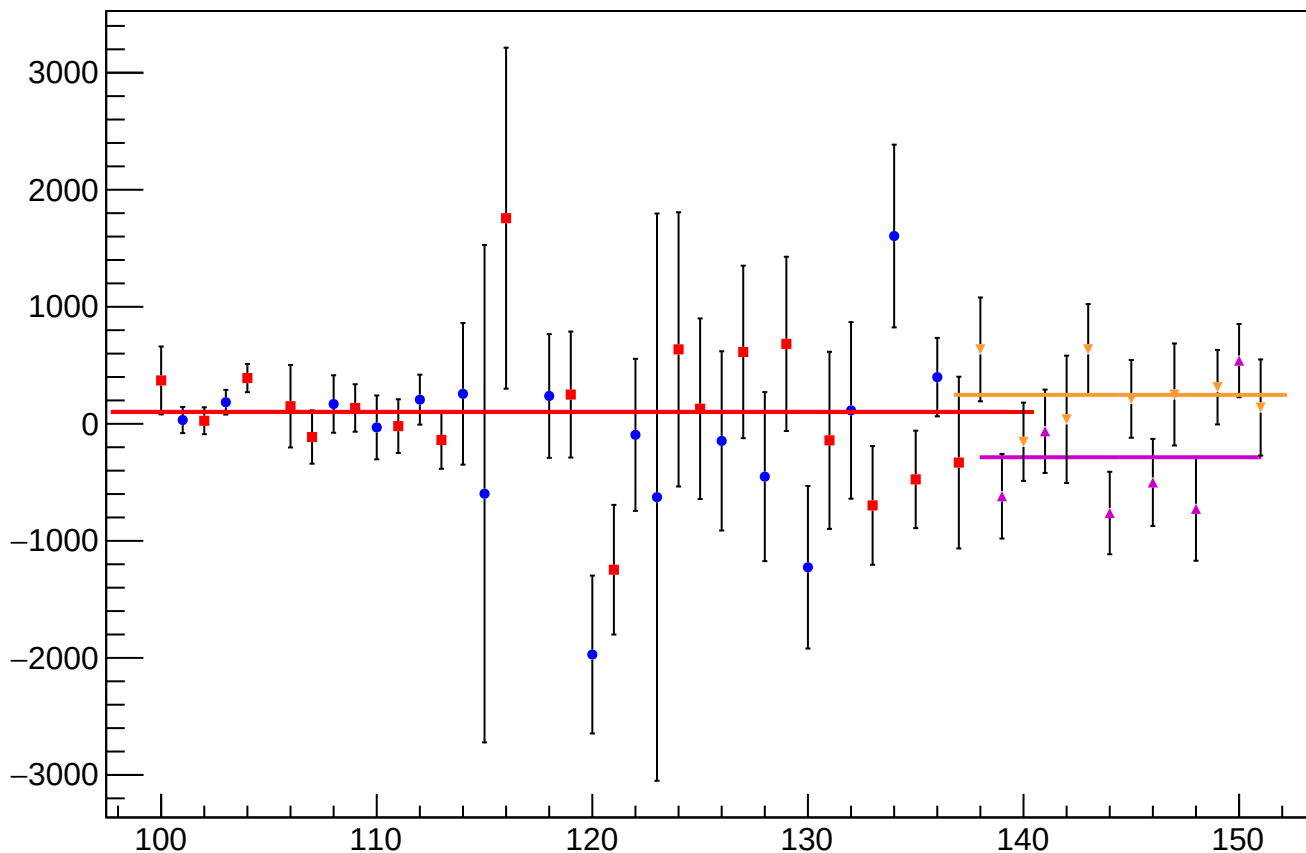
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 134.270 $\pm$ 0.036 χ^2 /NDF: 9391371.0/22

Out: 151.798 $\pm$ 0.037 χ^2 /NDF: 8922132.9/26

All: 142.812 $\pm$ 0.026 χ^2 /NDF: 18428405.4/49

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: -285.627 $\pm$ 147.257 χ^2 /NDF:11.3/5

Left: 2.559 $\pm$ 99.824 χ^2 /NDF: 21.9/13

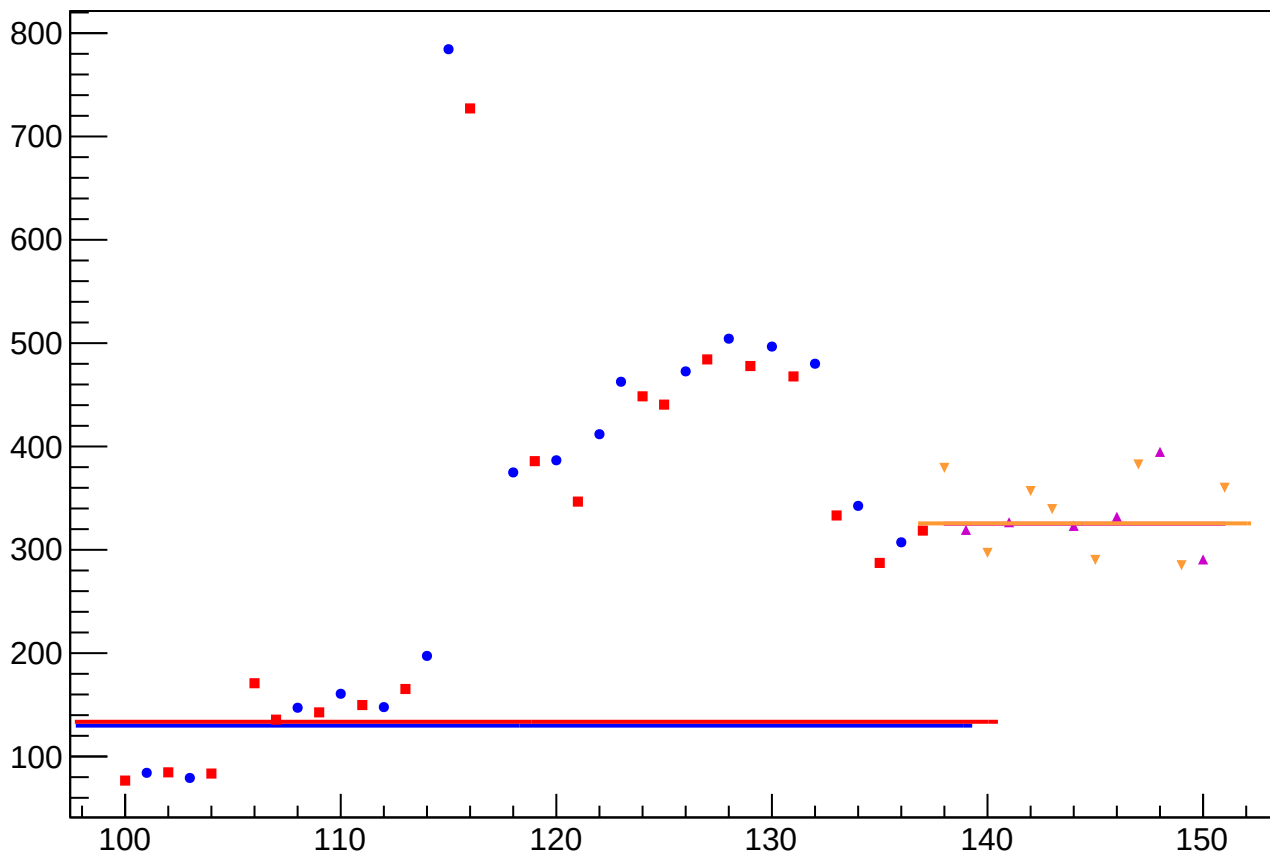
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 42.010 $\pm$ 58.021 χ^2 /NDF:37.5/22

Out: 125.720 $\pm$ 55.526 χ^2 /NDF:27.1/26

All: 85.703 $\pm$ 40.116 χ^2 /NDF: 65.7/49

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: 325.230+/-0.104 χ^2/NDF :74826.6/5

Left: 325.422+/-0.071 χ^2/NDF : 231289.8/13

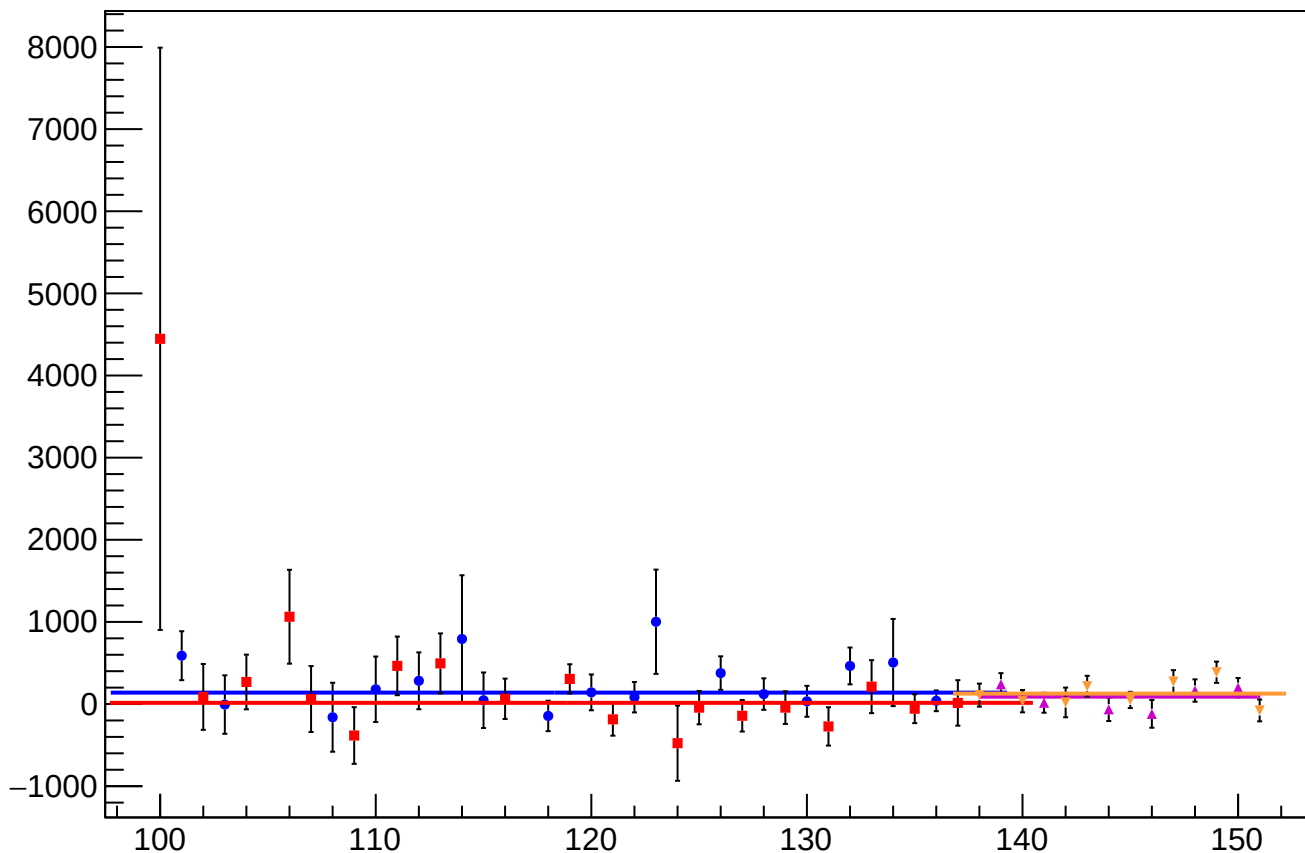
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 160.210+/-0.041 χ^2/NDF :7877519.3/22

Out: 165.707+/-0.039 χ^2/NDF :7849286.2/26

All: 163.080+/-0.028 χ^2/NDF : 15736176.2/49

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: 90.403 $\pm$ 54.846 χ^2 /NDF: 5.5/5

Left: 111.859 $\pm$ 35.350 χ^2 /NDF: 15.2/13

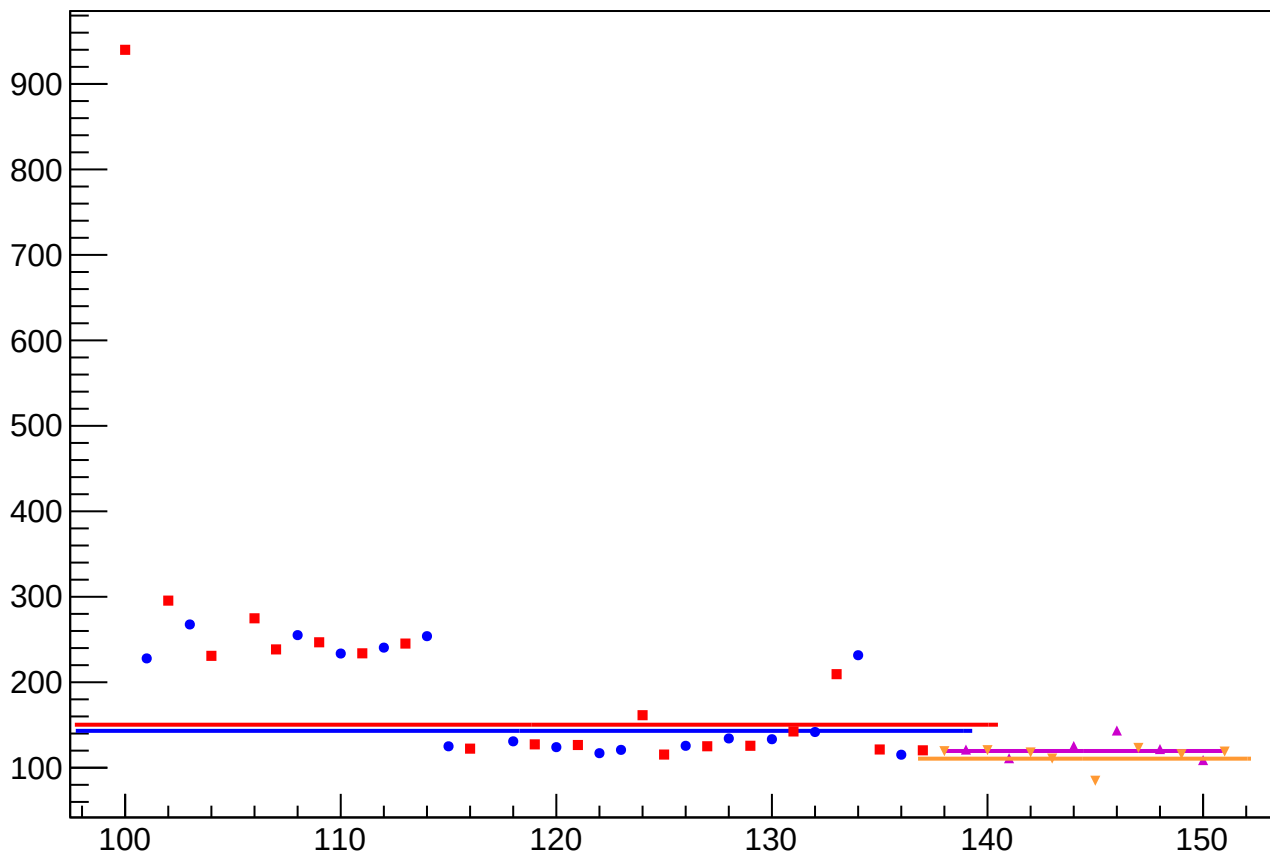
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 113.396 $\pm$ 39.844 χ^2 /NDF: 18.9/22

Out: 85.411 $\pm$ 36.650 χ^2 /NDF: 29.6/26

All: 98.236 $\pm$ 26.974 χ^2 /NDF: 48.8/49

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140+/-0.041 χ^2/NDF : 1101269.0/16

Left Out: 110.614+/-0.033 χ^2/NDF : 185247.2/7

Right Out: 150.336+/-0.043 χ^2/NDF : 1432034.4/18

Left In: 119.584+/-0.039 χ^2/NDF : 70593.7/5

Left: 114.340+/-0.025 χ^2/NDF : 287116.1/13

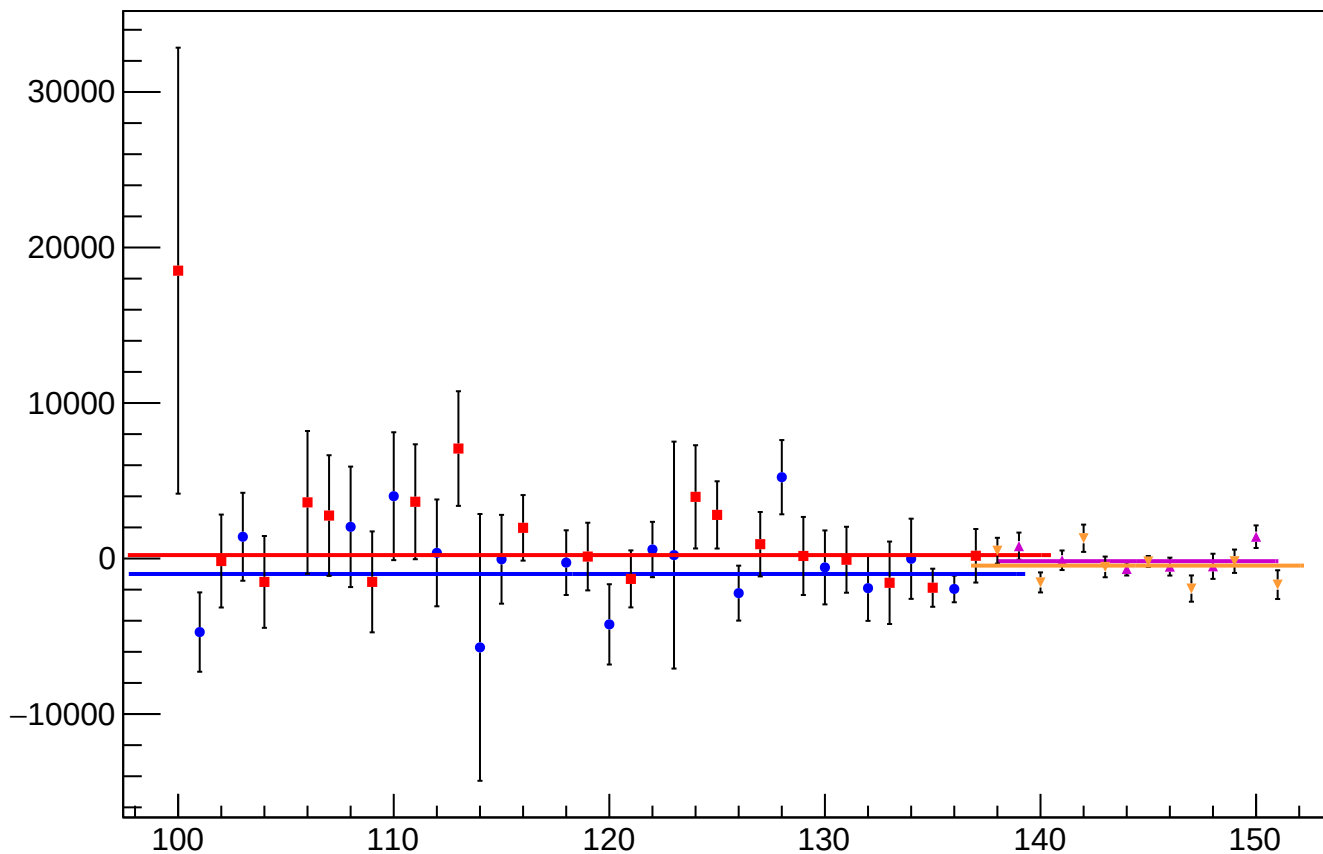
Right: 146.608+/-0.030 χ^2/NDF : 2548152.2/35

In: 130.708+/-0.028 χ^2/NDF : 1346074.8/22

Out: 125.376+/-0.026 χ^2/NDF : 2165932.3/26

All: 127.820+/-0.019 χ^2/NDF : 3531404.7/49

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: -169.836+/-250.491 χ^2/NDF :7.9/5

Left: -327.722+/-167.343 χ^2/NDF : 22.3/13

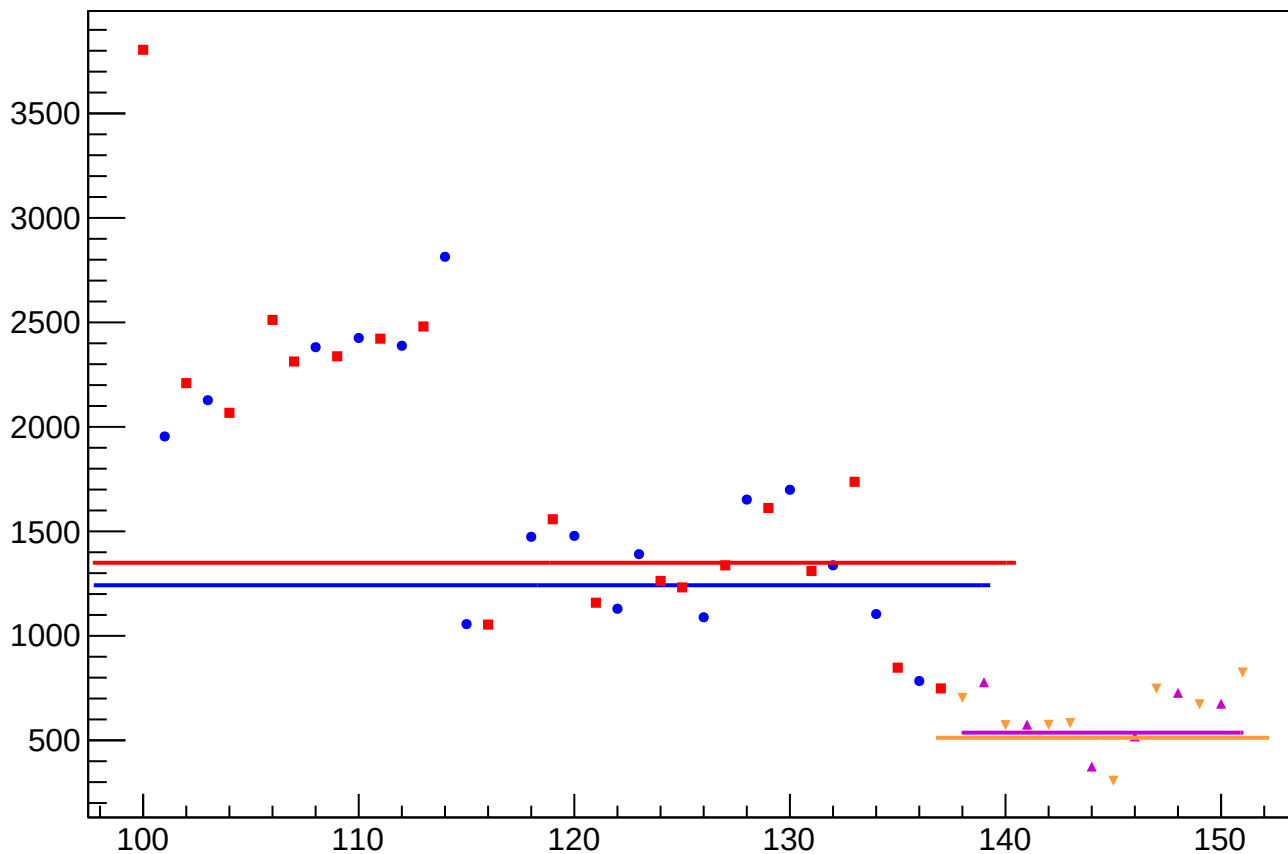
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -326.748+/-225.381 χ^2/NDF :26.9/22

Out: -356.092+/-207.801 χ^2/NDF :30.2/26

All: -342.609+/-152.775 χ^2/NDF : 57.1/49

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 512.061 $\pm$ 0.159 χ^2 /NDF:1306999.4/7

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 536.768 $\pm$ 0.177 χ^2 /NDF:643151.0/5

Left: 523.088 $\pm$ 0.118 χ^2 /NDF: 1960924.2/13

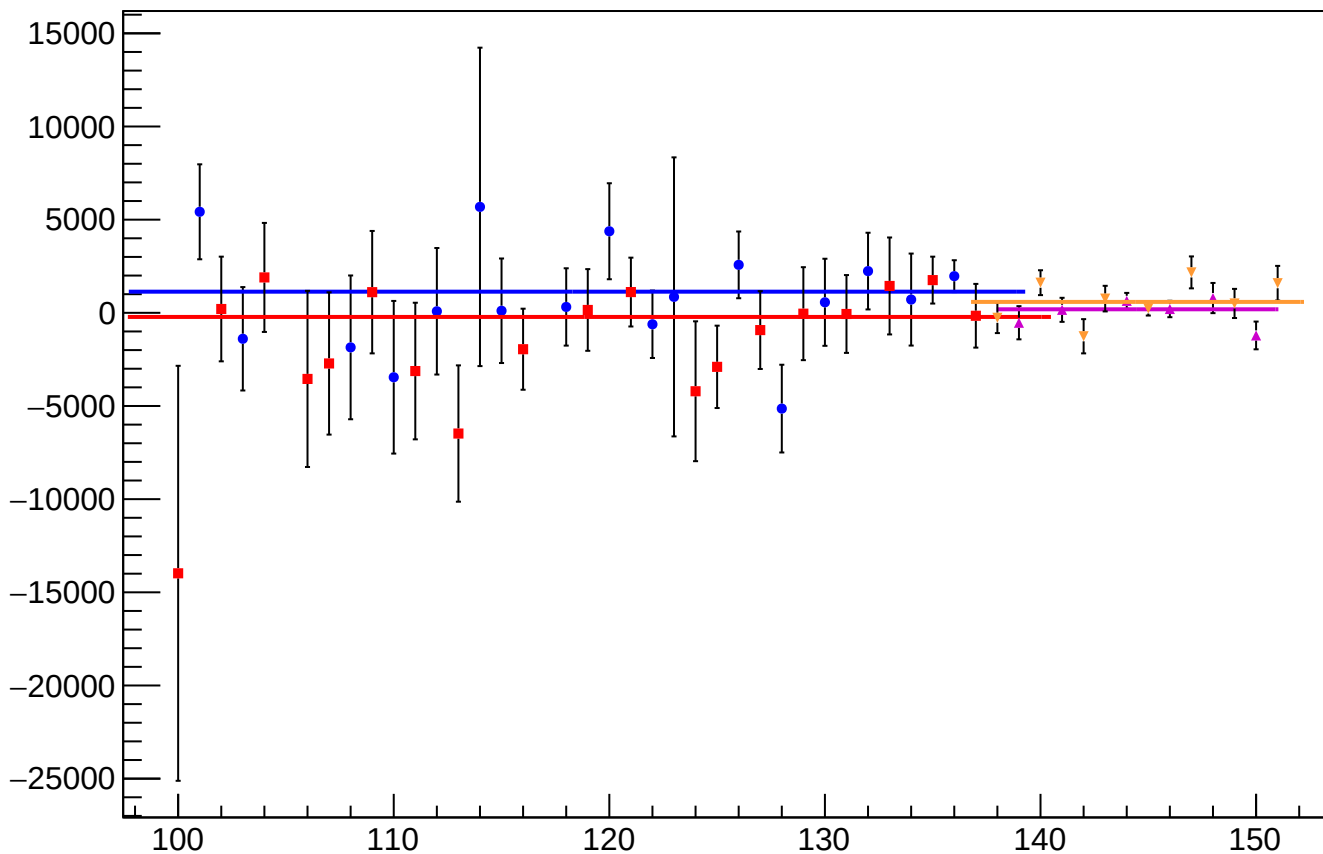
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 671.105 $\pm$ 0.159 χ^2 /NDF:5431058.2/22

Out: 634.565 $\pm$ 0.147 χ^2 /NDF:7233468.4/26

All: 651.355 $\pm$ 0.108 χ^2 /NDF: 12692939.9/49

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: 189.330+/-237.964 χ^2/NDF : 5.9/5

Left: 390.010+/-167.276 χ^2/NDF : 20.3/13

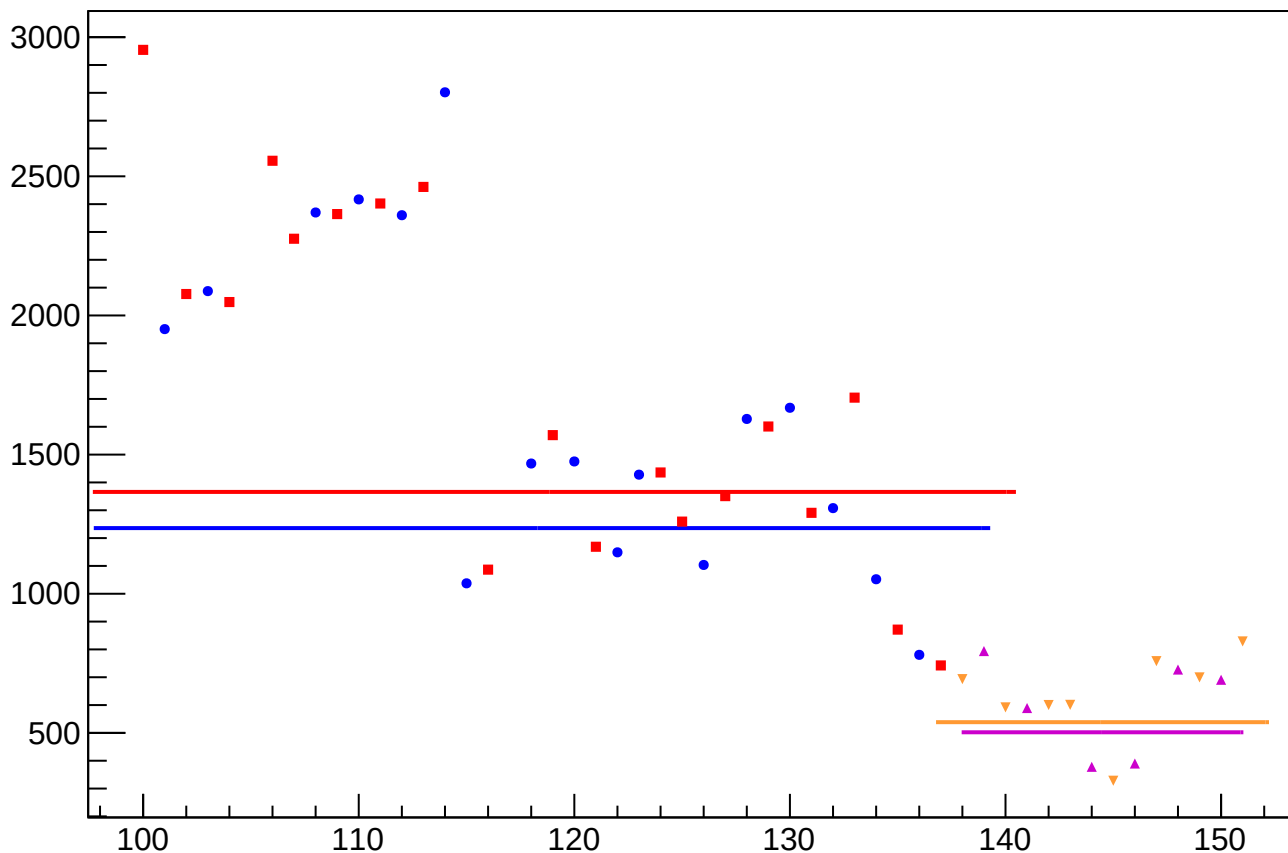
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 356.408+/-215.927 χ^2/NDF : 26.5/22

Out: 460.349+/-216.096 χ^2/NDF : 28.3/26

All: 408.337+/-152.743 χ^2/NDF : 54.9/49

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: 502.204+/-0.168 χ^2/NDF : 834234.1/5

Left: 520.583+/-0.118 χ^2/NDF : 1987734.6/13

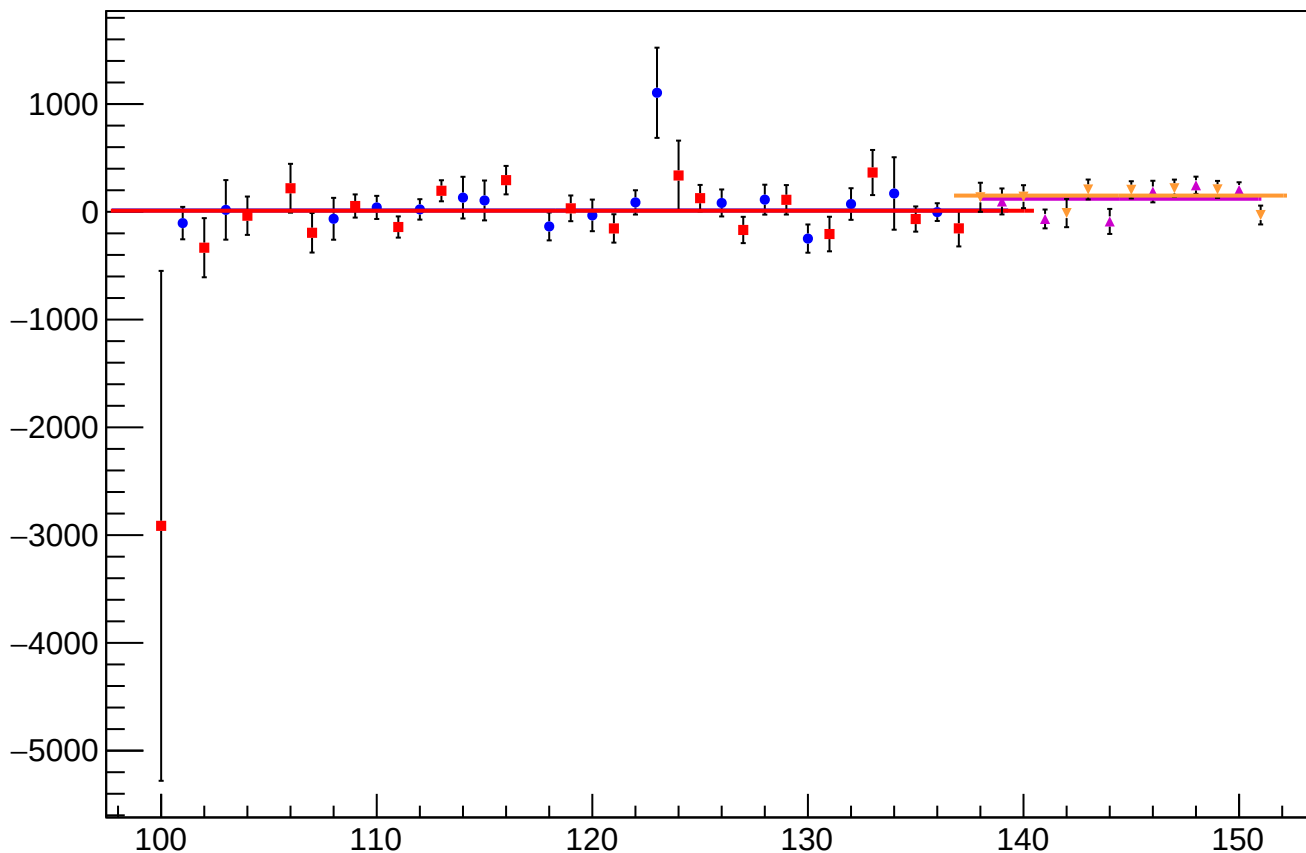
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 631.807+/-0.153 χ^2/NDF : 5938580.5/22

Out: 667.420+/-0.153 χ^2/NDF : 6735771.1/26

All: 649.600+/-0.108 χ^2/NDF : 12701531.3/49

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: 121.086+/-37.197 χ^2/NDF : 12.1/5

Left: 137.639+/-24.651 χ^2/NDF : 20.3/13

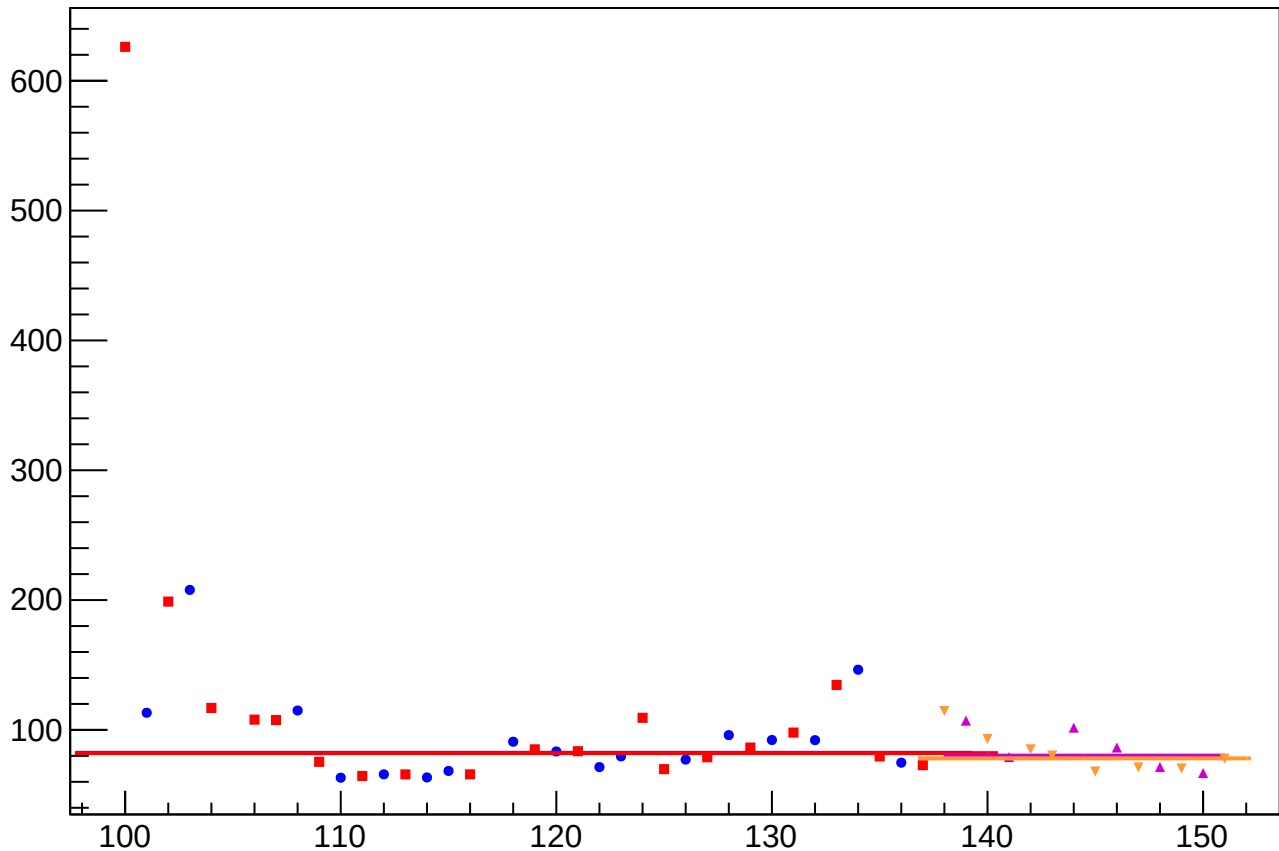
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 60.586+/-24.780 χ^2/NDF : 32.2/22

Out: 79.643+/-23.164 χ^2/NDF : 45.4/26

All: 70.756+/-16.922 χ^2/NDF : 77.9/49

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: 80.164+/-0.026 χ^2/NDF : 269860.0/5

Left: 78.991+/-0.017 χ^2/NDF : 532704.8/13

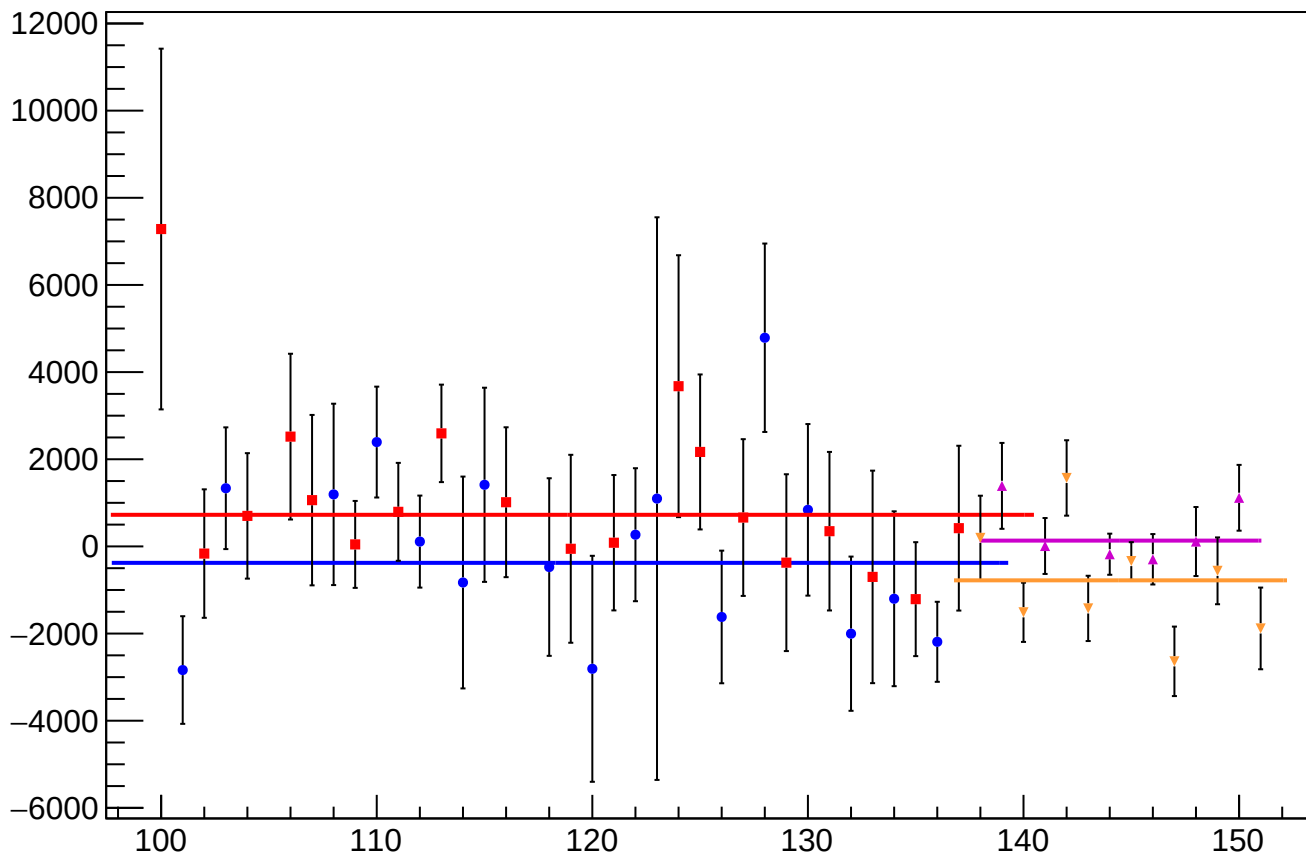
Right: 82.196+/-0.016 χ^2/NDF : 1827793.7/35

In: 81.355+/-0.018 χ^2/NDF : 1142290.7/22

Out: 80.101+/-0.016 χ^2/NDF : 1233349.0/26

All: 80.686+/-0.012 χ^2/NDF : 2378373.1/49

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: 133.030 ± 264.549 $\chi^2/\text{NDF}: 4.3/5$

Left: -350.134 ± 181.391 $\chi^2/\text{NDF}: 28.9/13$

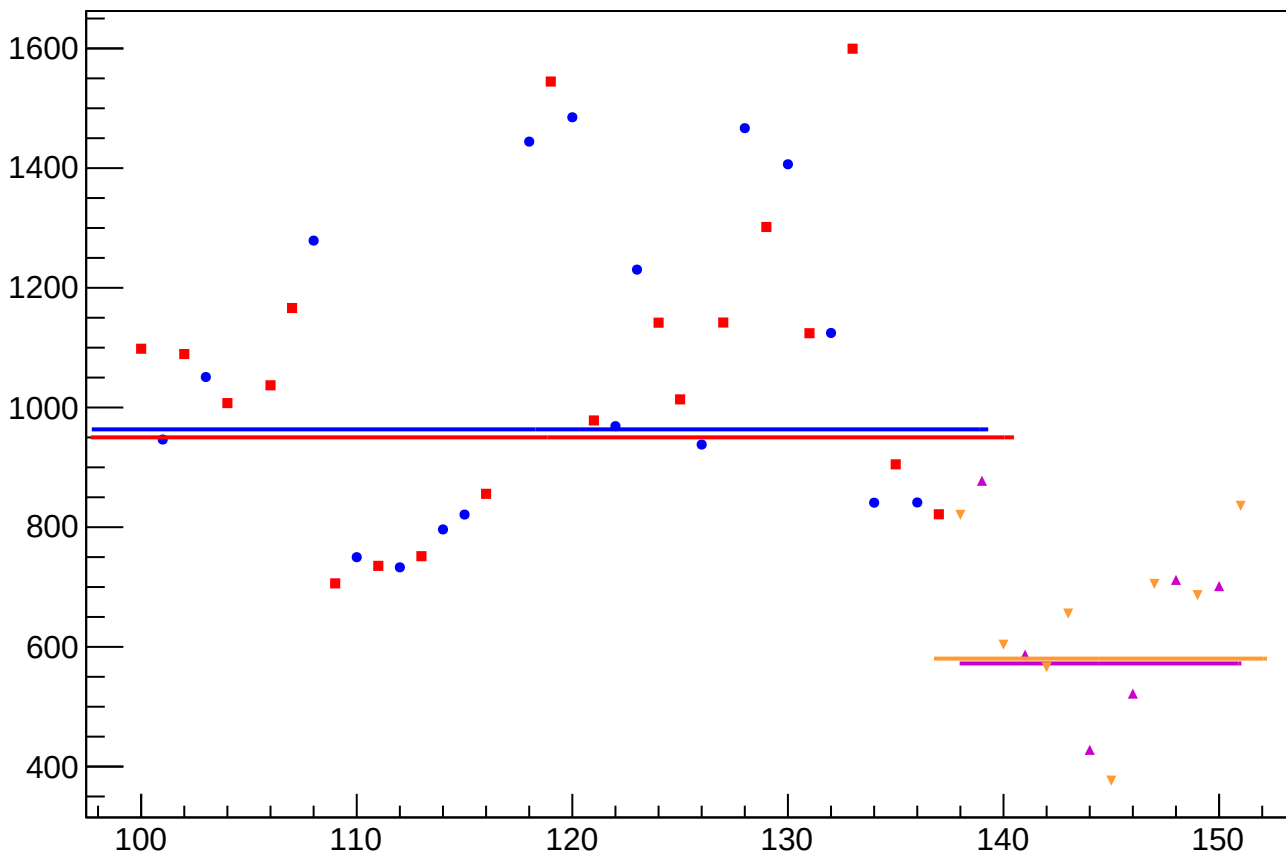
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -31.295 ± 217.835 $\chi^2/\text{NDF}: 30.0/22$

Out: -304.527 ± 206.189 $\chi^2/\text{NDF}: 41.6/26$

All: -175.410 ± 149.746 $\chi^2/\text{NDF}: 72.5/49$

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: 572.325+/-0.187 χ^2/NDF : 516086.2/5

Left: 576.614+/-0.128 χ^2/NDF : 1343032.7/13

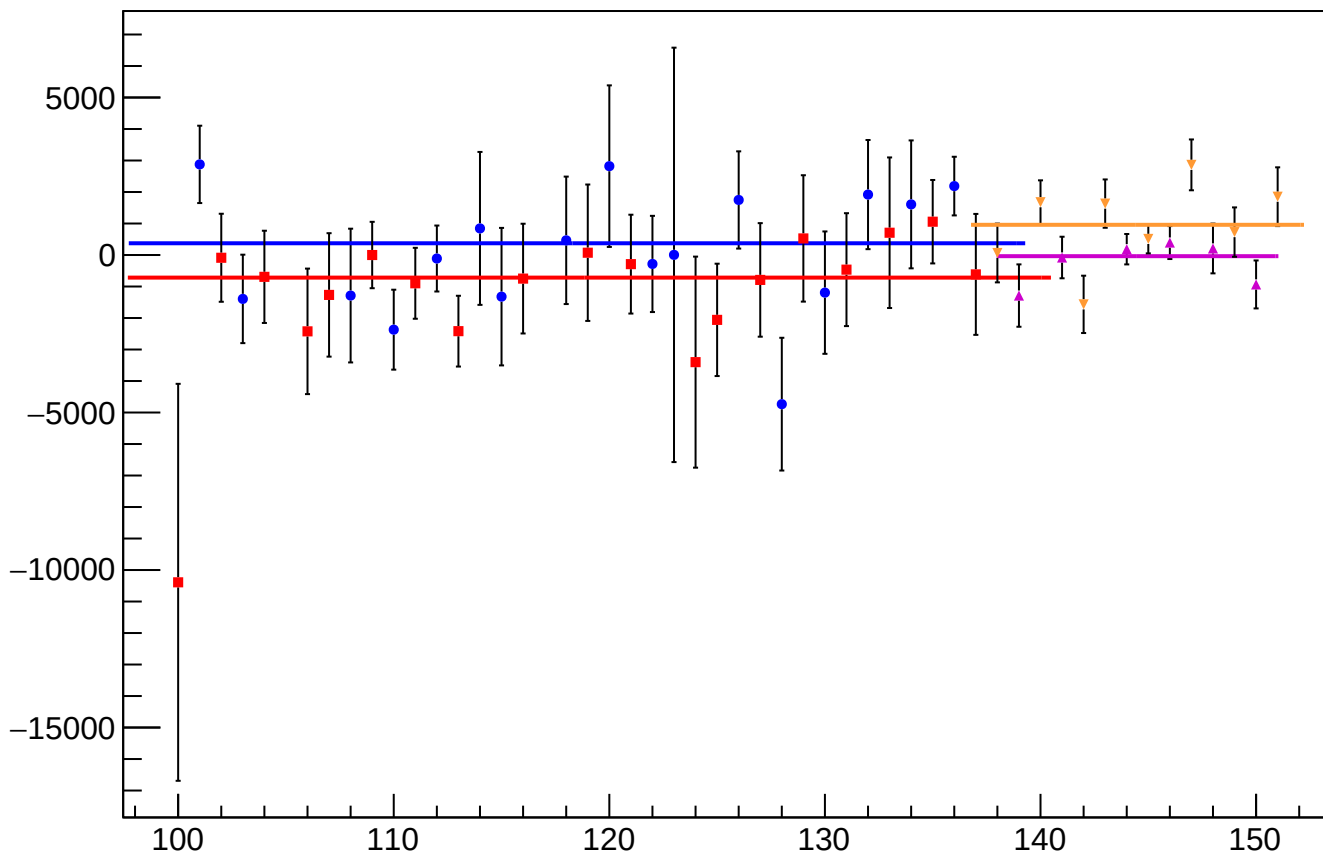
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 698.265+/-0.154 χ^2/NDF : 2612679.7/22

Out: 697.005+/-0.146 χ^2/NDF : 2946163.1/26

All: 697.601+/-0.106 χ^2/NDF : 5558878.1/49

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: -36.857 ± 261.745 χ^2/NDF : 4.0/5

Left: 471.002 ± 183.219 χ^2/NDF : 29.3/13

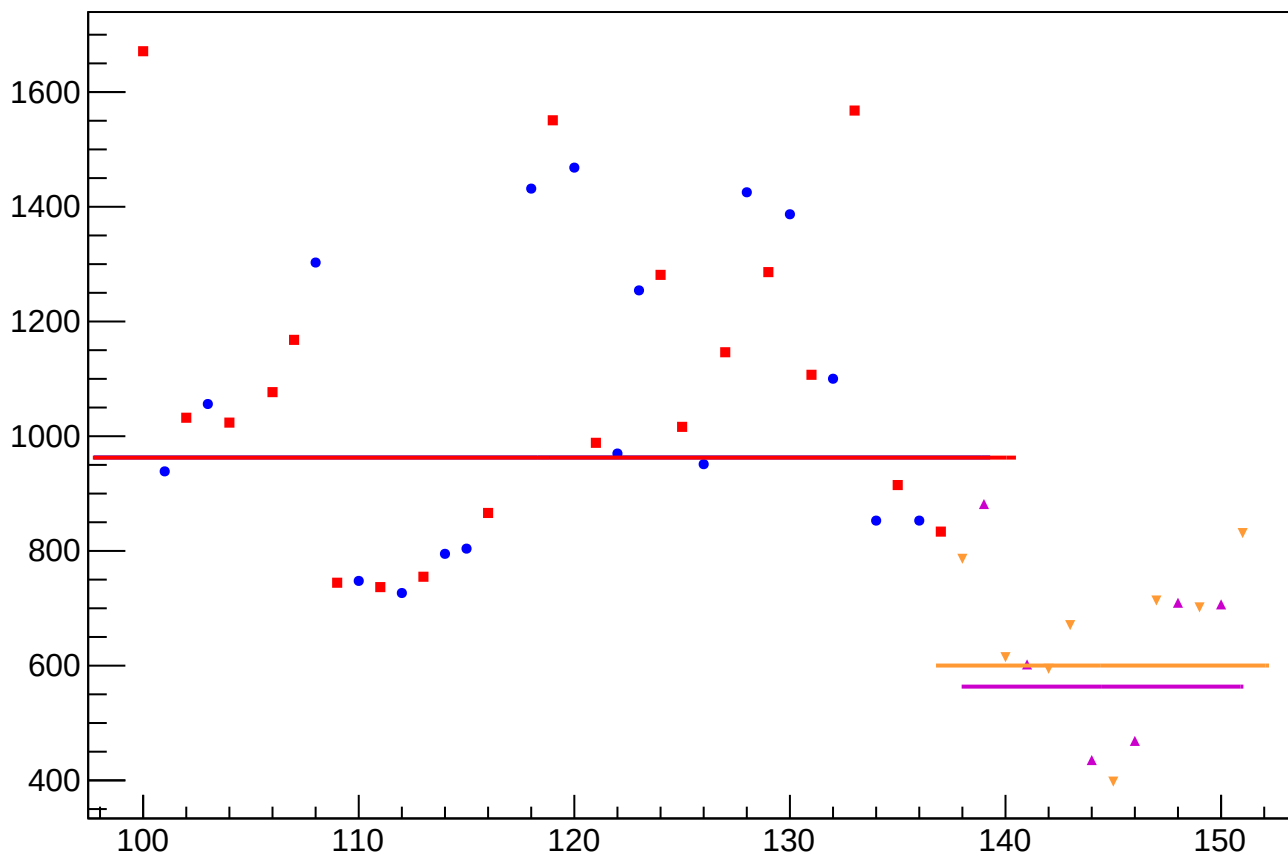
Right: -189.414 ± 266.986 χ^2/NDF : 39.6/35

In: 93.285 ± 216.220 χ^2/NDF : 30.0/22

Out: 418.140 ± 211.156 χ^2/NDF : 41.9/26

All: 259.561 ± 151.068 χ^2/NDF : 73.1/49

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 ± 0.271 $\chi^2/\text{NDF}: 667521.9/16$

Left Out: 600.191 ± 0.181 $\chi^2/\text{NDF}: 681751.3/7$

Right Out: 962.693 ± 0.263 $\chi^2/\text{NDF}: 696385.7/18$

Left In: 563.450 ± 0.185 $\chi^2/\text{NDF}: 559290.8/5$

Left: 582.189 ± 0.130 $\chi^2/\text{NDF}: 1261140.5/13$

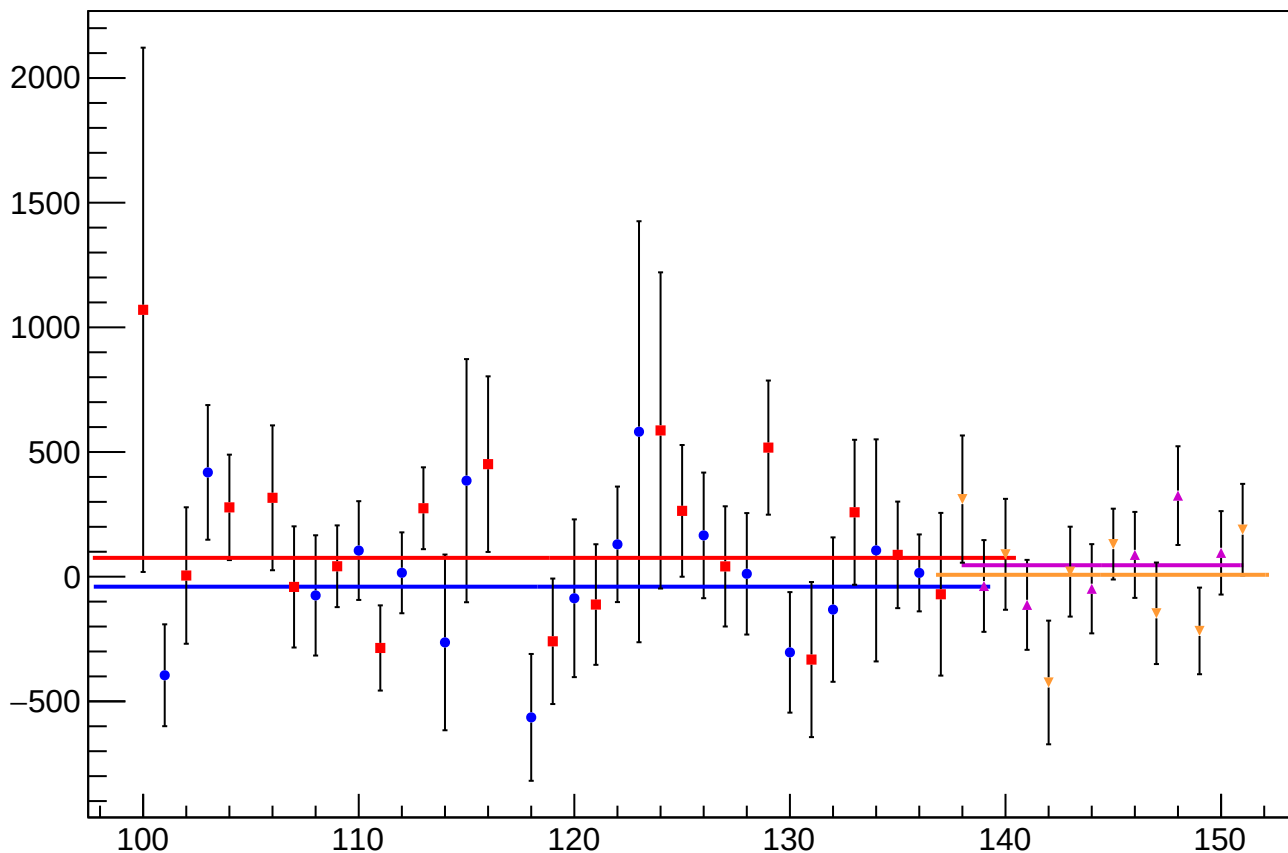
Right: 962.827 ± 0.189 $\chi^2/\text{NDF}: 1363908.2/35$

In: 690.342 ± 0.153 $\chi^2/\text{NDF}: 2706754.1/22$

Out: 717.134 ± 0.149 $\chi^2/\text{NDF}: 2666237.5/26$

All: 704.055 ± 0.107 $\chi^2/\text{NDF}: 5388709.2/49$

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: 45.921 ± 73.248 χ^2/NDF : 3.4/5

Left: 25.175 ± 49.659 χ^2/NDF : 12.1/13

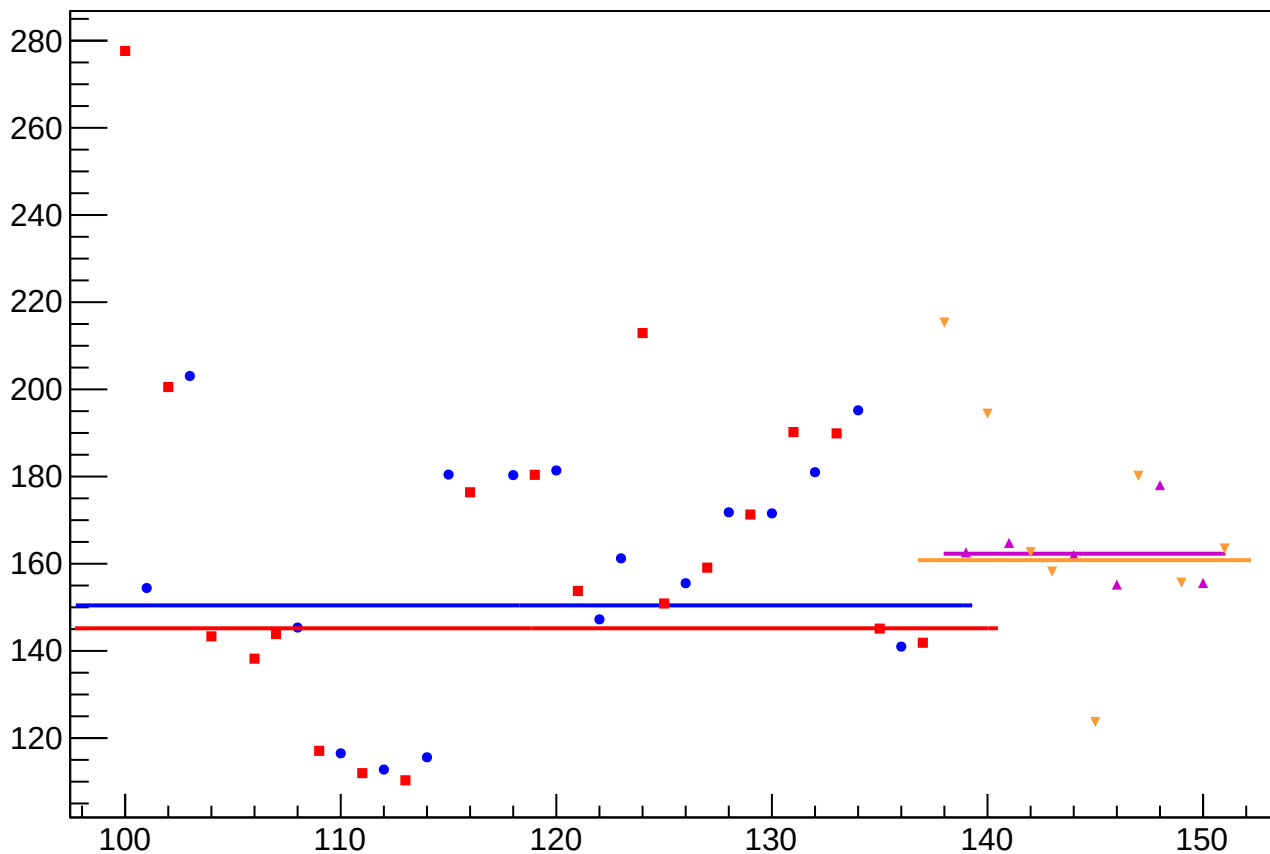
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -6.086 ± 46.069 χ^2/NDF : 19.6/22

Out: 47.656 ± 43.219 χ^2/NDF : 27.7/26

All: 22.499 ± 31.520 χ^2/NDF : 47.9/49

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442+/-0.042 χ^2/NDF : 400121.4/16

Left Out: 160.818+/-0.048 χ^2/NDF :294378.9/7

Right Out: 145.187+/-0.040 χ^2/NDF : 535696.3/18

Left In: 162.299+/-0.052 χ^2/NDF :19617.2/5

Left: 161.499+/-0.035 χ^2/NDF : 314438.0/13

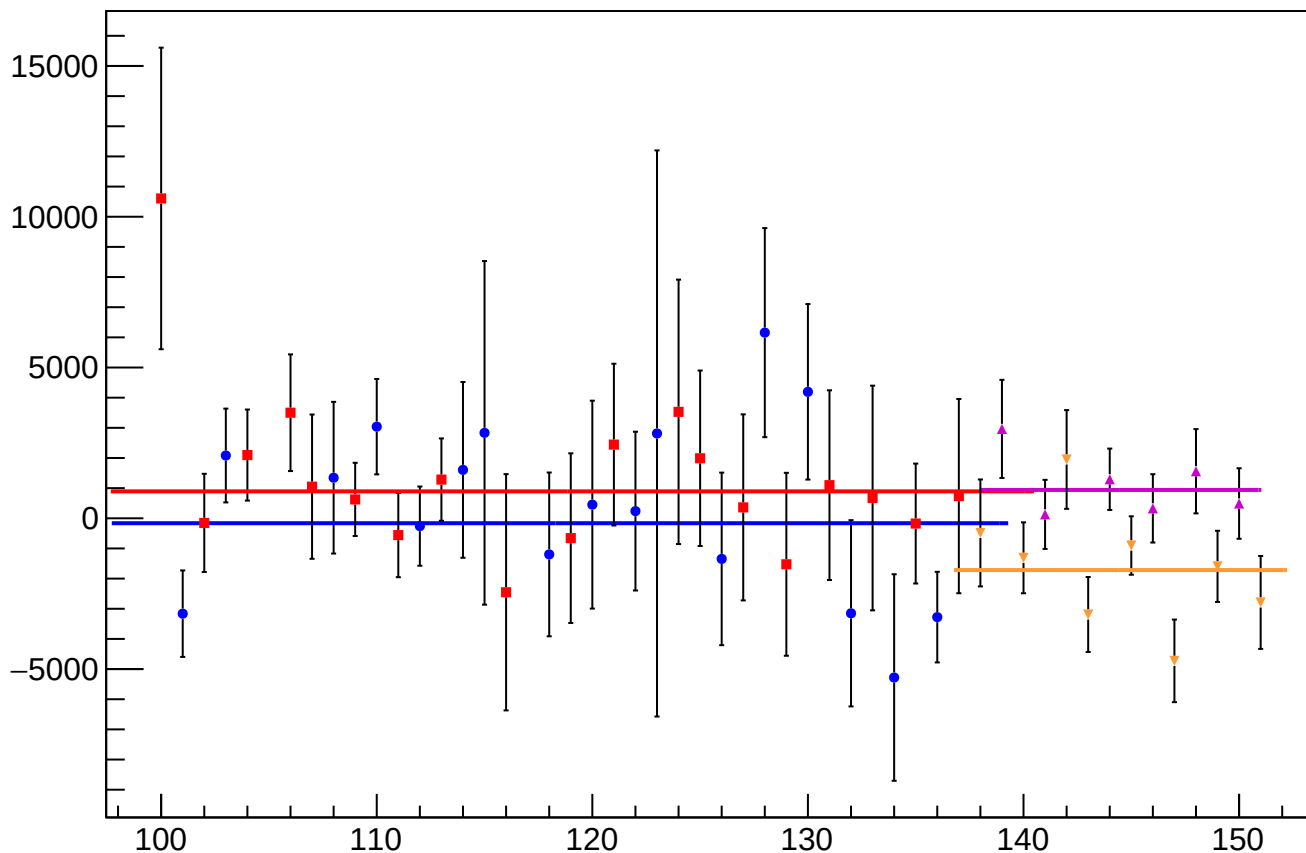
Right: 147.677+/-0.029 χ^2/NDF : 944092.7/35

In: 155.132+/-0.033 χ^2/NDF :451415.5/22

Out: 151.585+/-0.031 χ^2/NDF :893323.1/26

All: 153.245+/-0.022 χ^2/NDF : 1351045.8/49

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1717.028 ± 456.537 χ^2/NDF : 13.1/7

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 940.460 ± 492.197 χ^2/NDF : 2.8/5

Left: -488.031 ± 334.718 χ^2/NDF : 31.5/13

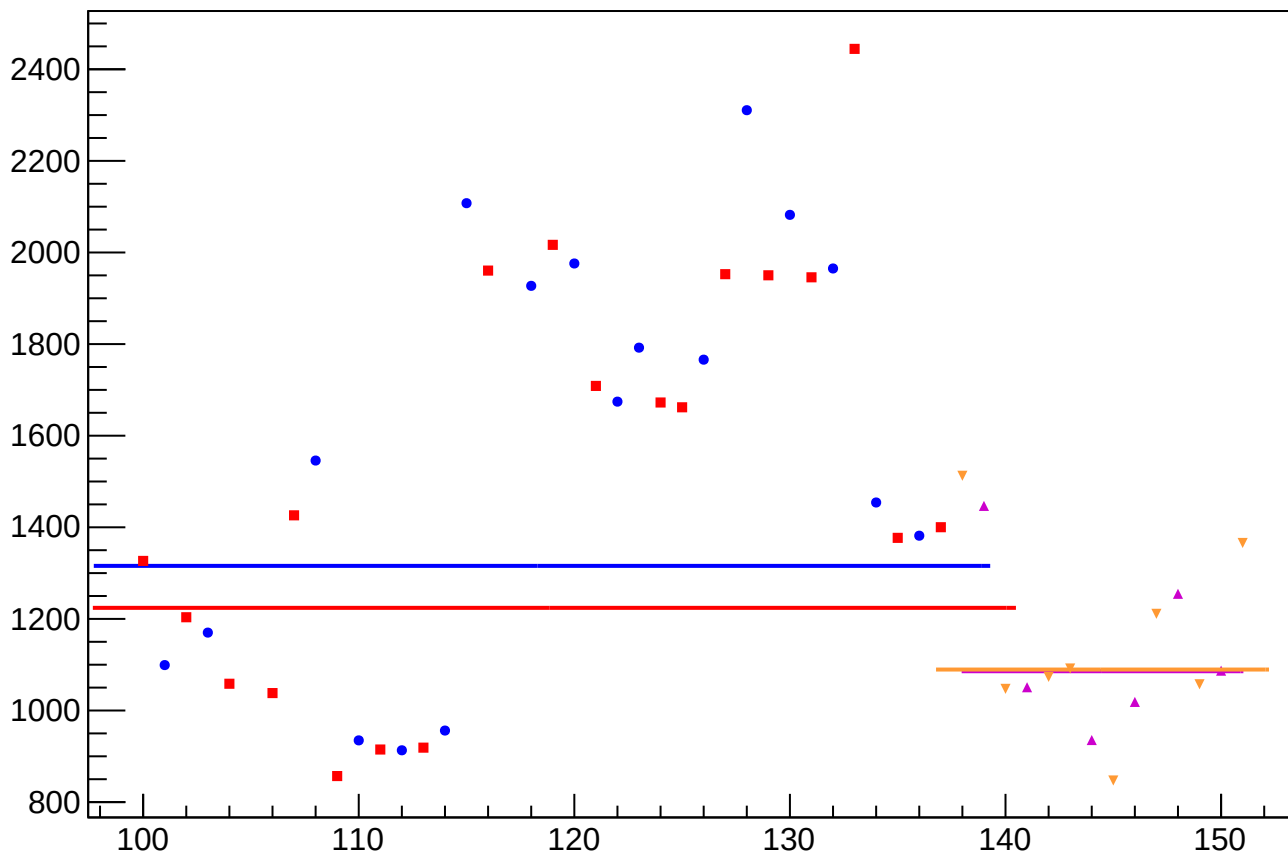
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 432.836 ± 361.653 χ^2/NDF : 30.2/22

Out: -488.959 ± 332.209 χ^2/NDF : 39.1/26

All: -67.108 ± 244.655 χ^2/NDF : 72.8/49

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1089.431+/-0.323 χ^2/NDF : 323142.5/7

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1085.739+/-0.348 χ^2/NDF : 180128.3/5

Left: 1087.724+/-0.237 χ^2/NDF : 503331.3/13

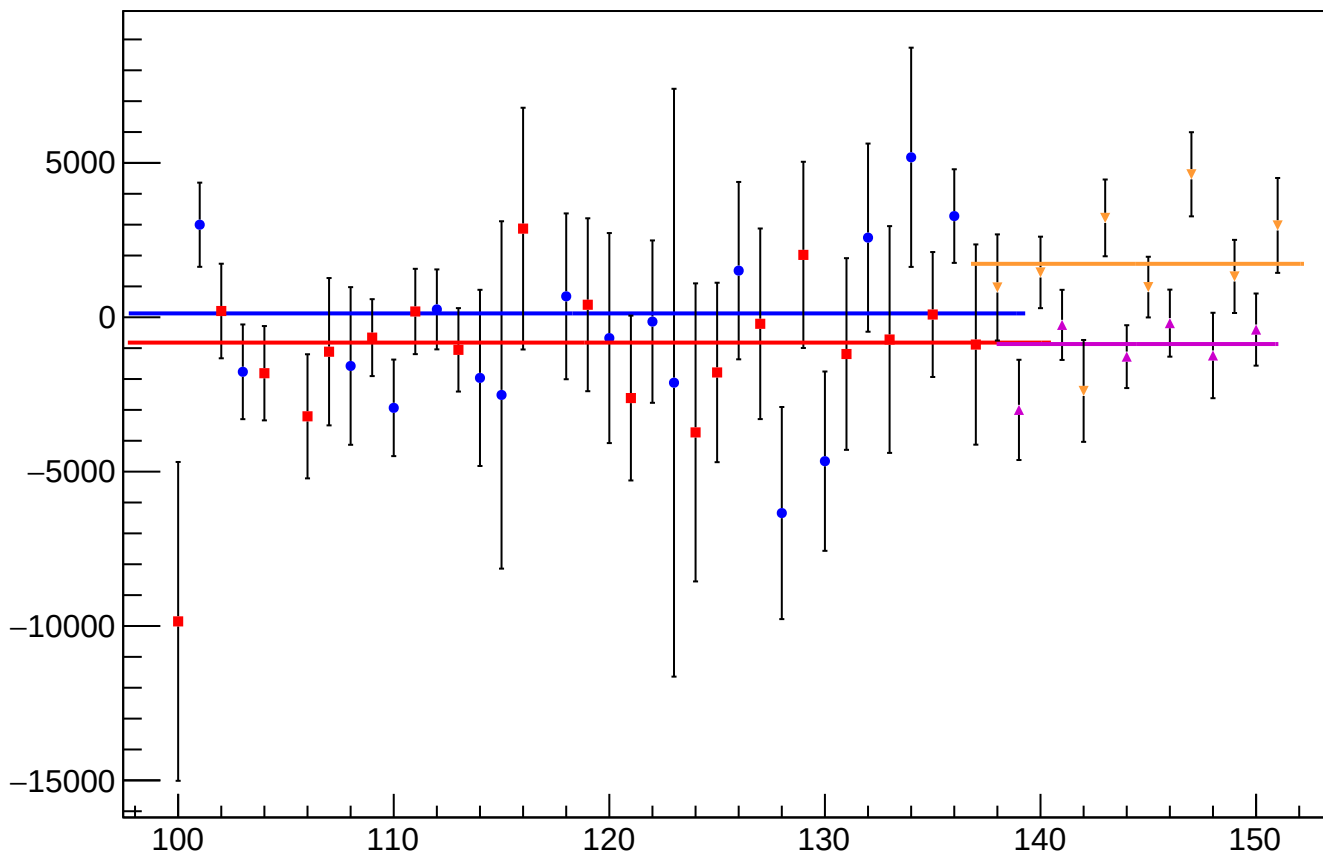
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1191.585+/-0.256 χ^2/NDF : 1499494.3/22

Out: 1152.815+/-0.235 χ^2/NDF : 1768982.6/26

All: 1170.558+/-0.173 χ^2/NDF : 3280942.9/49

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 1731.433 ± 456.031 $\chi^2/\text{NDF}: 13.8/7$

Right Out: -820.213 ± 484.659 $\chi^2/\text{NDF}: 9.1/18$

Left In: -866.650 ± 486.597 $\chi^2/\text{NDF}: 2.8/5$

Left: 516.550 ± 332.744 $\chi^2/\text{NDF}: 31.8/13$

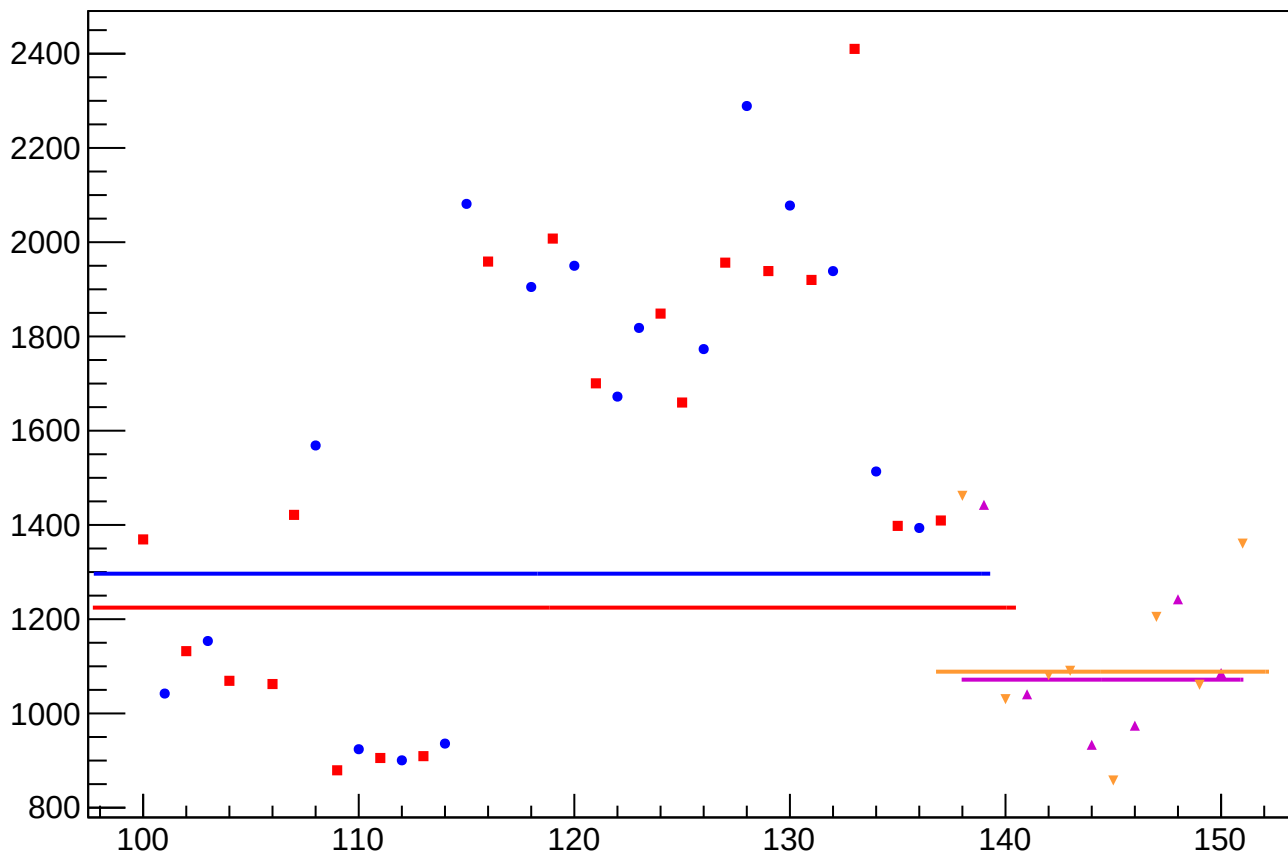
Right: -386.748 ± 356.675 $\chi^2/\text{NDF}: 35.5/35$

In: -409.931 ± 357.445 $\chi^2/\text{NDF}: 29.4/22$

Out: 533.191 ± 332.122 $\chi^2/\text{NDF}: 37.6/26$

All: 96.218 ± 243.306 $\chi^2/\text{NDF}: 70.7/49$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1088.643+/-0.322 χ^2/NDF : 287930.9/7

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1071.686+/-0.344 χ^2/NDF : 189646.2/5

Left: 1080.714+/-0.235 χ^2/NDF : 478870.2/13

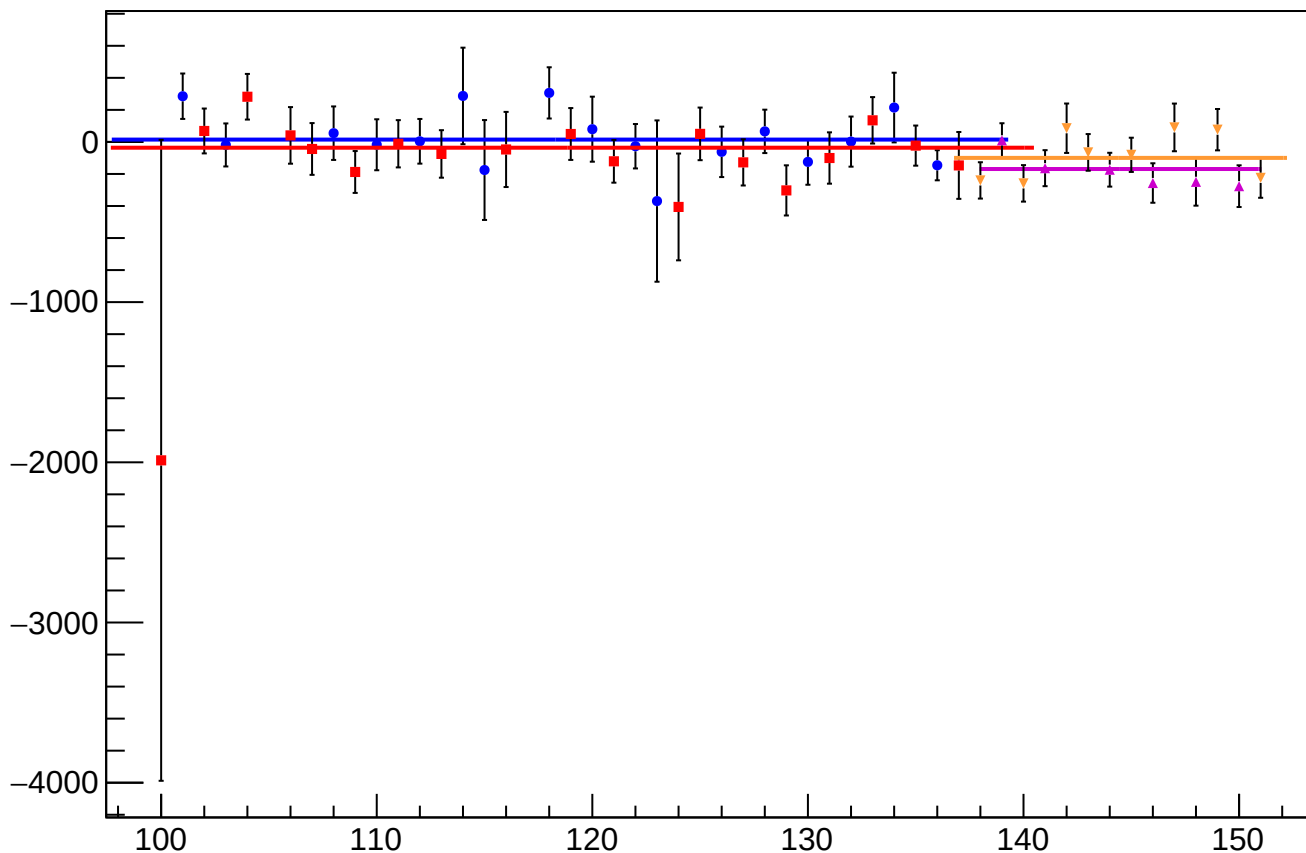
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1175.222+/-0.253 χ^2/NDF : 1561784.9/22

Out: 1152.469+/-0.235 χ^2/NDF : 1719634.1/26

All: 1163.011+/-0.172 χ^2/NDF : 3285767.9/49

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: -169.128 ± 48.422 $\chi^2/\text{NDF}: 4.3/5$

Left: -130.646 ± 32.326 $\chi^2/\text{NDF}: 15.0/13$

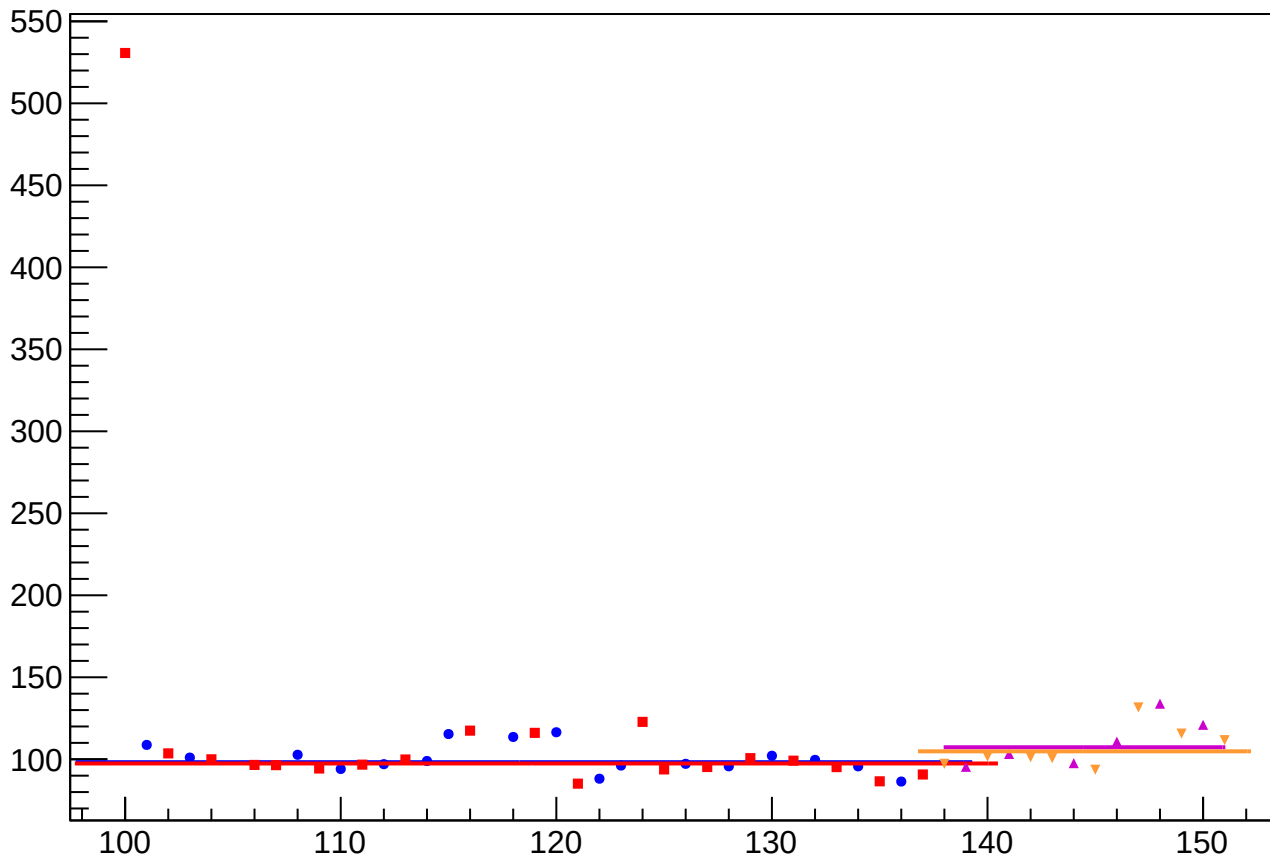
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -55.478 ± 29.902 $\chi^2/\text{NDF}: 27.4/22$

Out: -62.643 ± 28.038 $\chi^2/\text{NDF}: 26.3/26$

All: -59.291 ± 20.453 $\chi^2/\text{NDF}: 53.7/49$

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: 107.326+/-0.034 χ^2/NDF :131849.3/5

Left: 105.949+/-0.023 χ^2/NDF : 255857.6/13

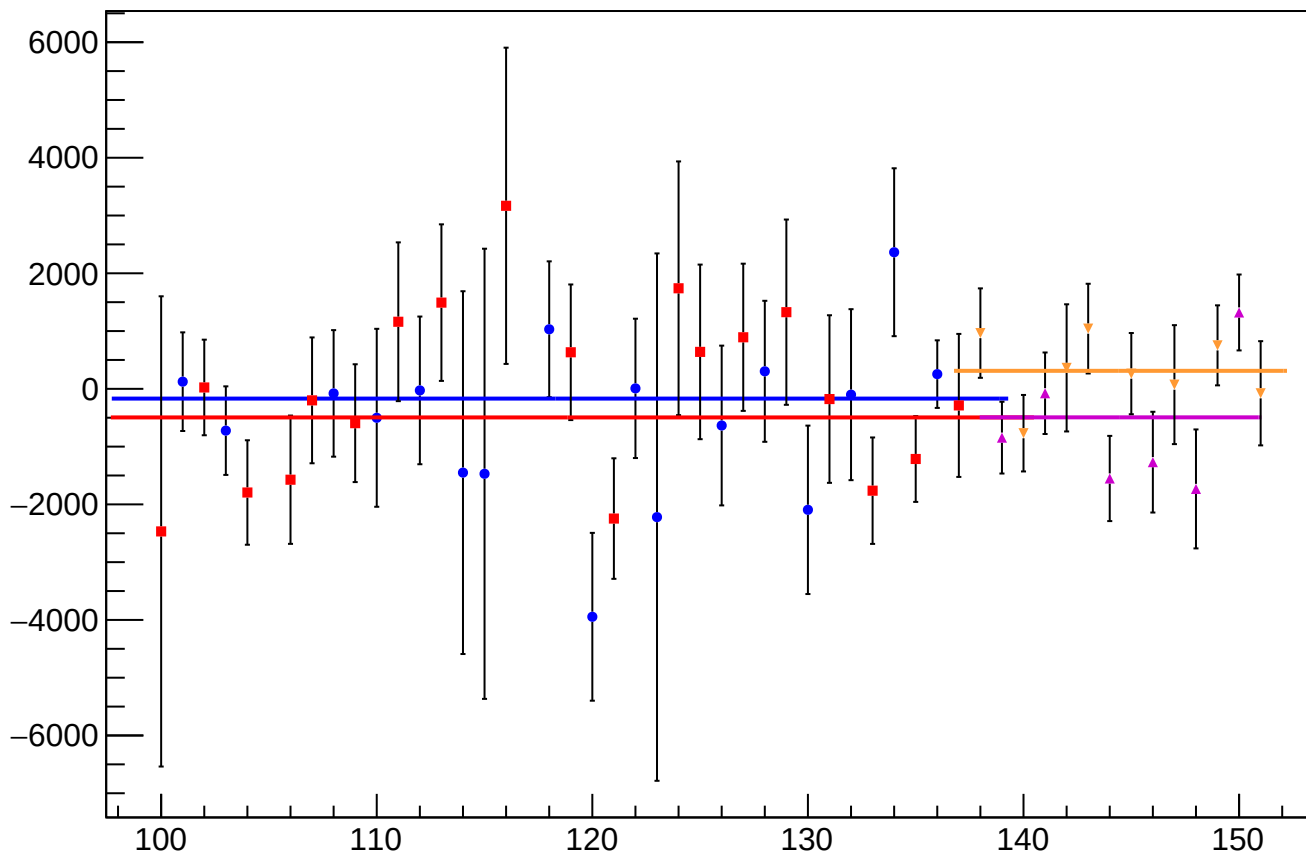
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 101.692+/-0.021 χ^2/NDF :276125.2/22

Out: 100.525+/-0.020 χ^2/NDF :345086.3/26

All: 101.071+/-0.014 χ^2/NDF : 622832.2/49

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 311.691 ± 280.441 $\chi^2/\text{NDF}: 4.9/7$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -493.527 ± 301.293 $\chi^2/\text{NDF}: 12.6/5$

Left: -62.093 ± 205.278 $\chi^2/\text{NDF}: 21.3/13$

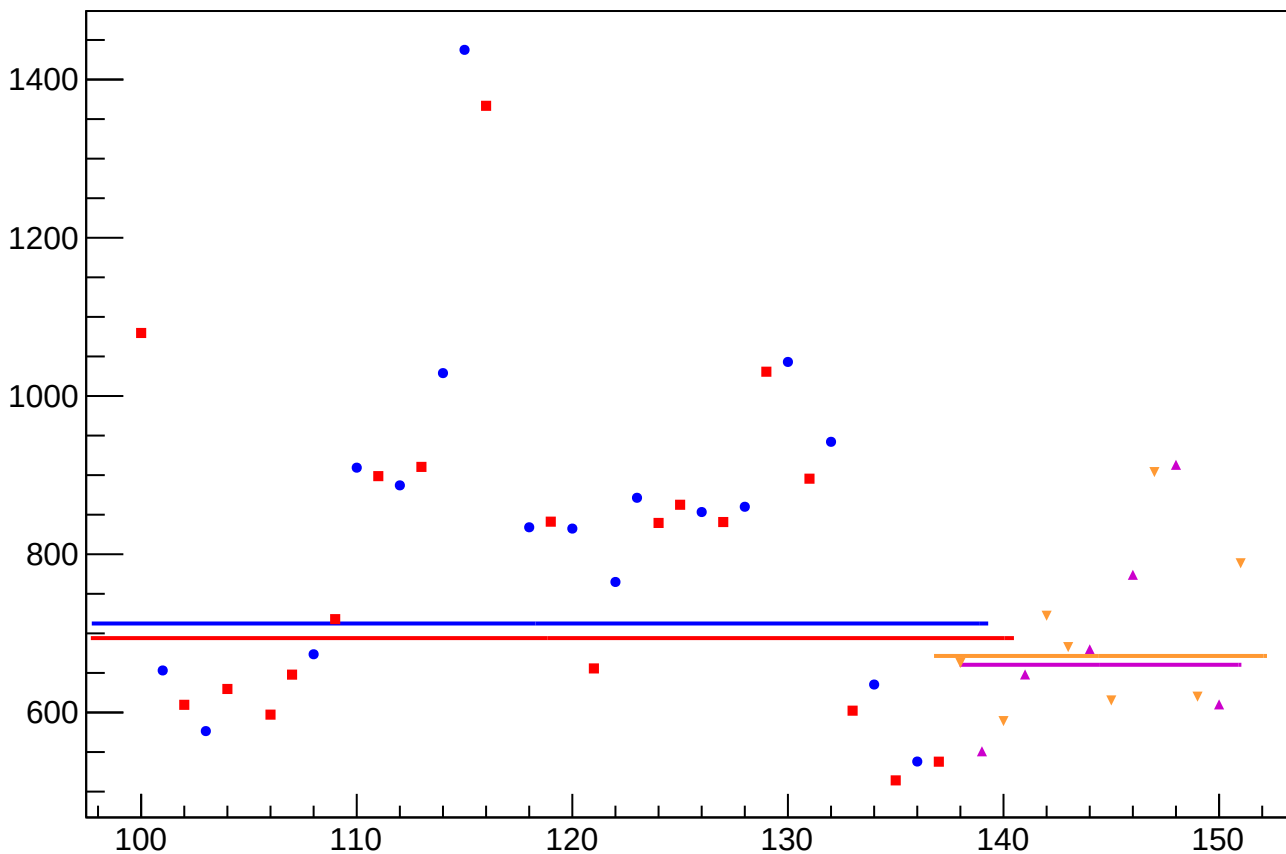
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -320.538 ± 205.956 $\chi^2/\text{NDF}: 27.8/22$

Out: -110.732 ± 193.538 $\chi^2/\text{NDF}: 29.1/26$

All: -209.119 ± 141.038 $\chi^2/\text{NDF}: 57.4/49$

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: 660.296+/-0.213 χ^2/NDF : 230164.7/5

Left: 666.274+/-0.145 χ^2/NDF : 426964.2/13

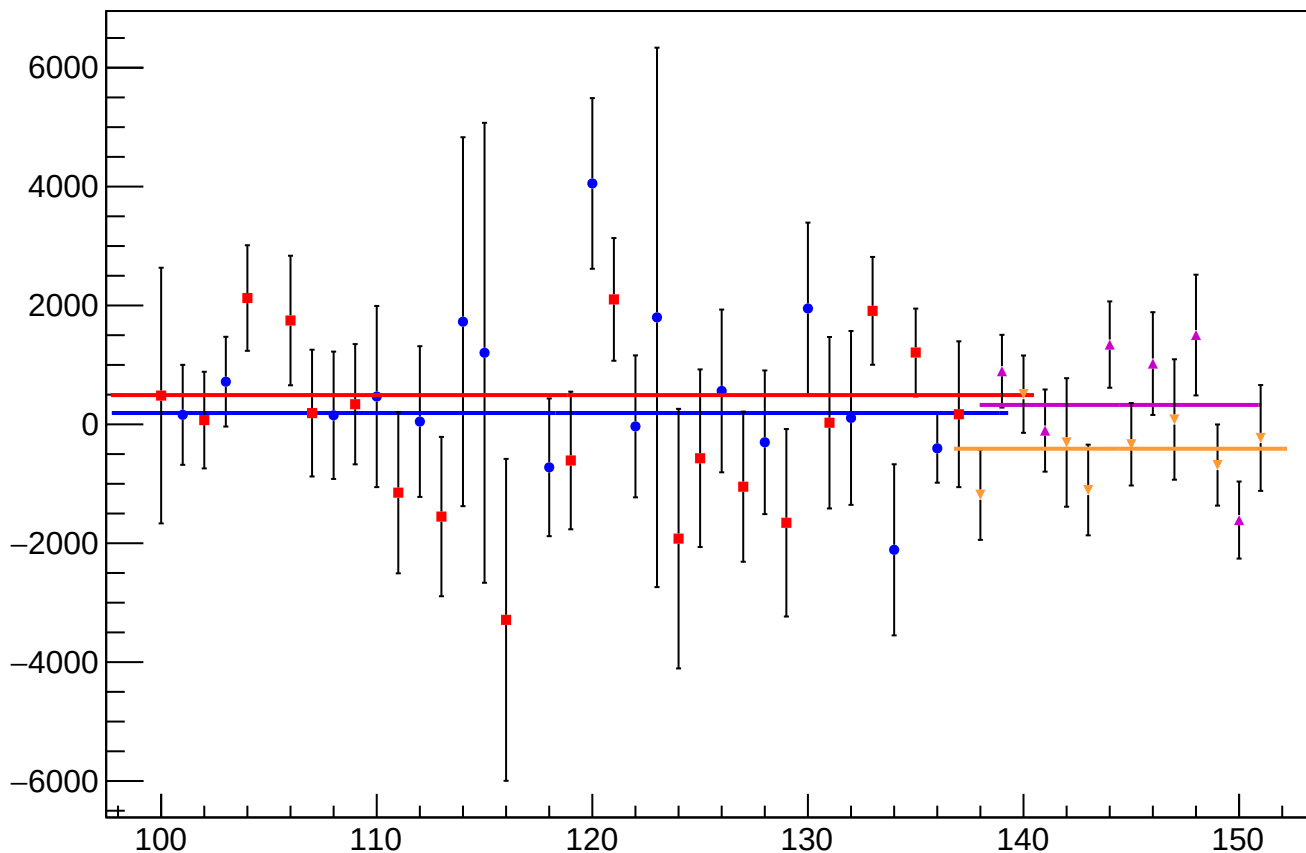
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 688.093+/-0.146 χ^2/NDF : 922642.1/22

Out: 683.269+/-0.137 χ^2/NDF : 877098.8/26

All: 685.531+/-0.100 χ^2/NDF : 1800323.7/49

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: 326.892 $\pm$ 296.828 χ^2/NDF : 14.1/5

Left: -68.246 $\pm$ 202.111 χ^2/NDF : 21.7/13

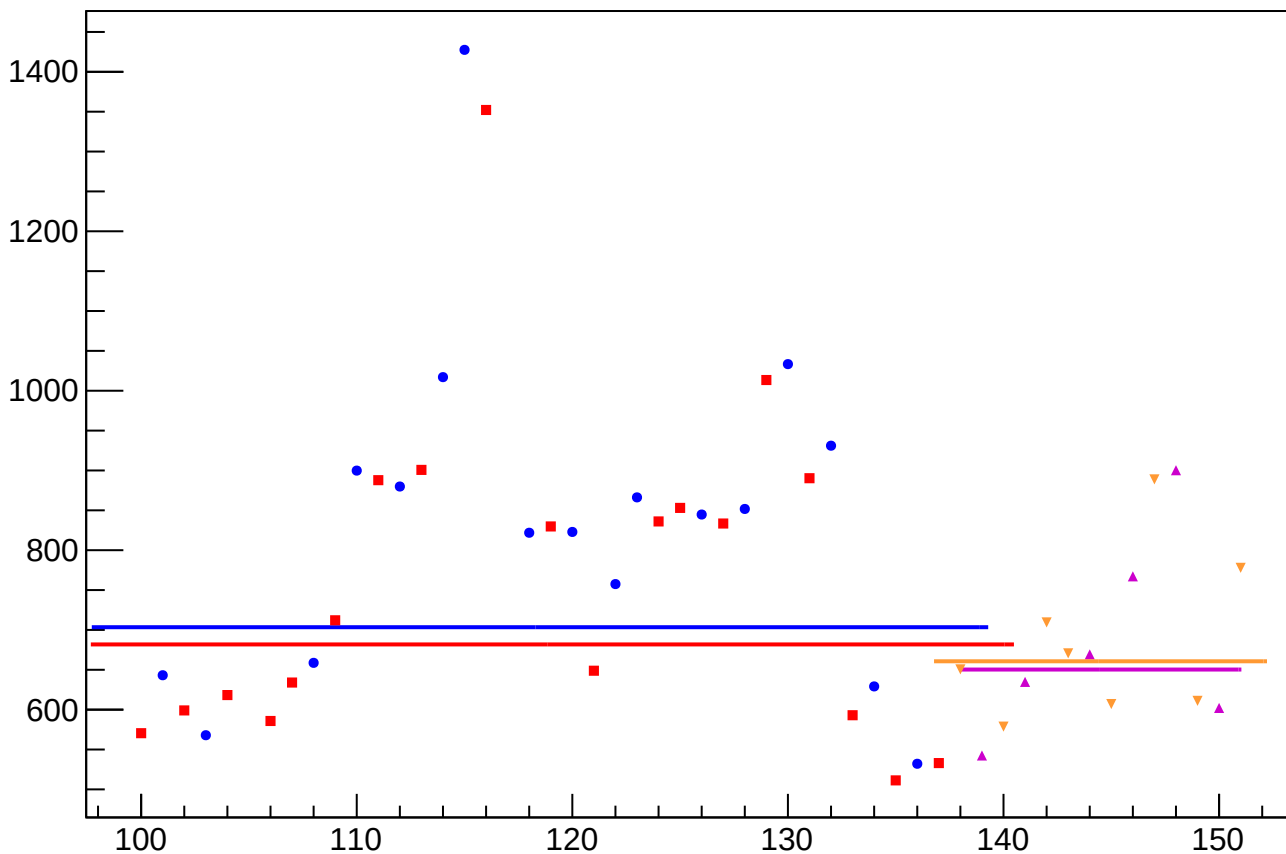
Right: 350.694 $\pm$ 191.134 χ^2/NDF : 37.6/35

In: 254.599 $\pm$ 203.165 χ^2/NDF : 28.4/22

Out: 63.733 $\pm$ 190.254 χ^2/NDF : 32.7/26

All: 152.909 $\pm$ 138.870 χ^2/NDF : 61.6/49

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: 650.307 $\pm$ 0.210 χ^2 /NDF:233336.4/5

Left: 655.859 $\pm$ 0.143 χ^2 /NDF: 429818.4/13

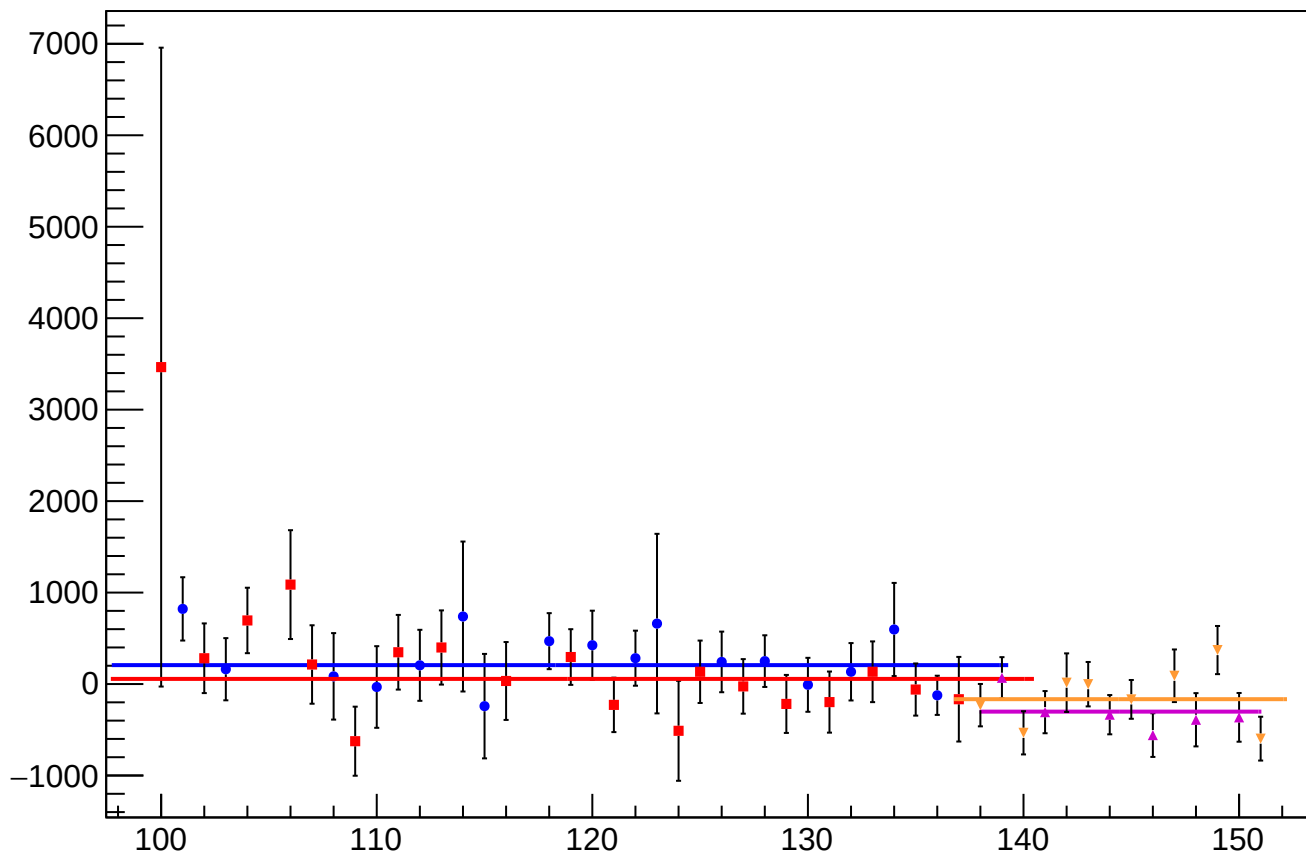
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 678.530 $\pm$ 0.144 χ^2 /NDF:934241.1/22

Out: 671.756 $\pm$ 0.135 χ^2 /NDF:866137.7/26

All: 674.921 $\pm$ 0.098 χ^2 /NDF: 1801563.5/49

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: -301.557 $\pm$ 98.259 χ^2 /NDF:4.0/5

Left: -225.995 $\pm$ 65.514 χ^2 /NDF: 16.6/13

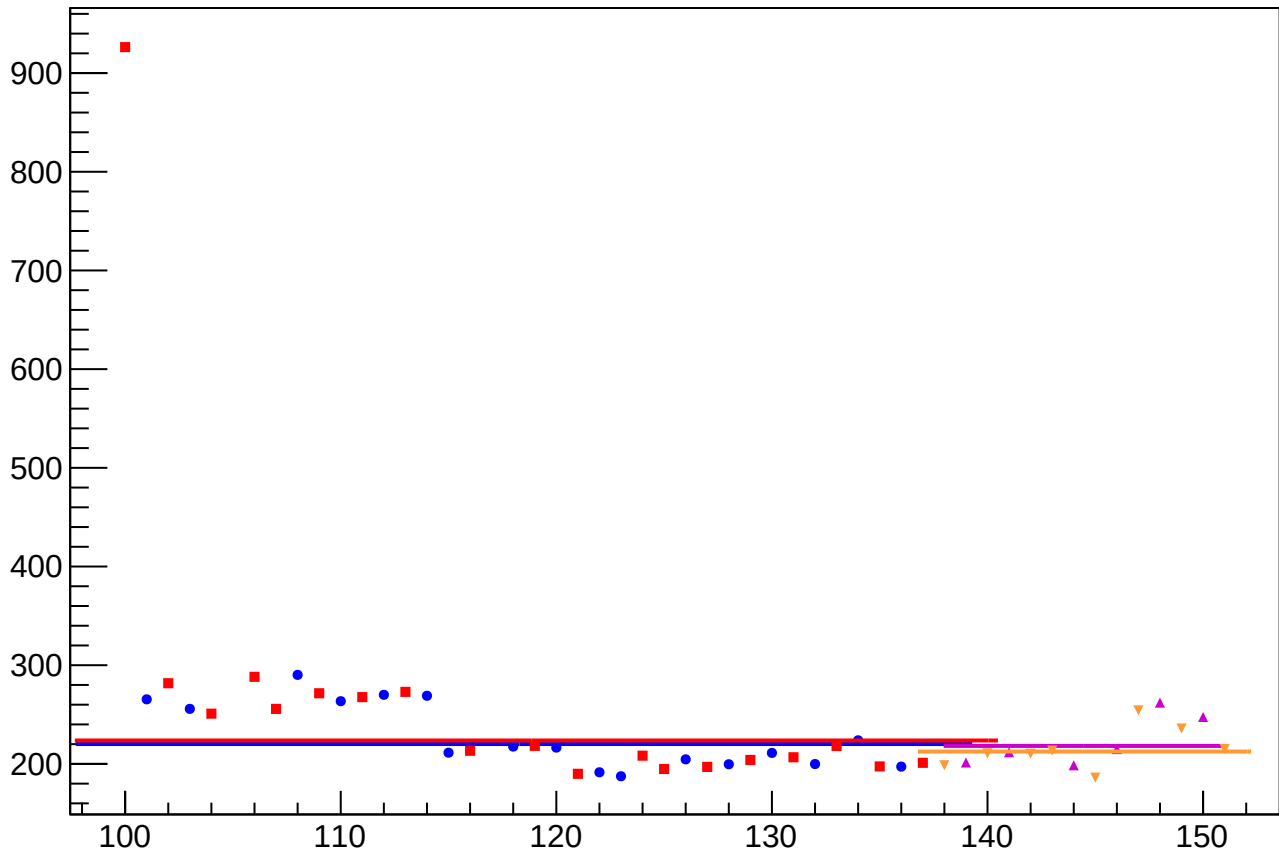
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -12.592 $\pm$ 64.557 χ^2 /NDF:28.7/22

Out: -51.145 $\pm$ 61.167 χ^2 /NDF:31.4/26

All: -32.907 $\pm$ 44.402 χ^2 /NDF: 60.3/49

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: 218.209 $\pm$ 0.069 χ^2 /NDF: 99358.5/5

Left: 215.046 $\pm$ 0.046 χ^2 /NDF: 199620.9/13

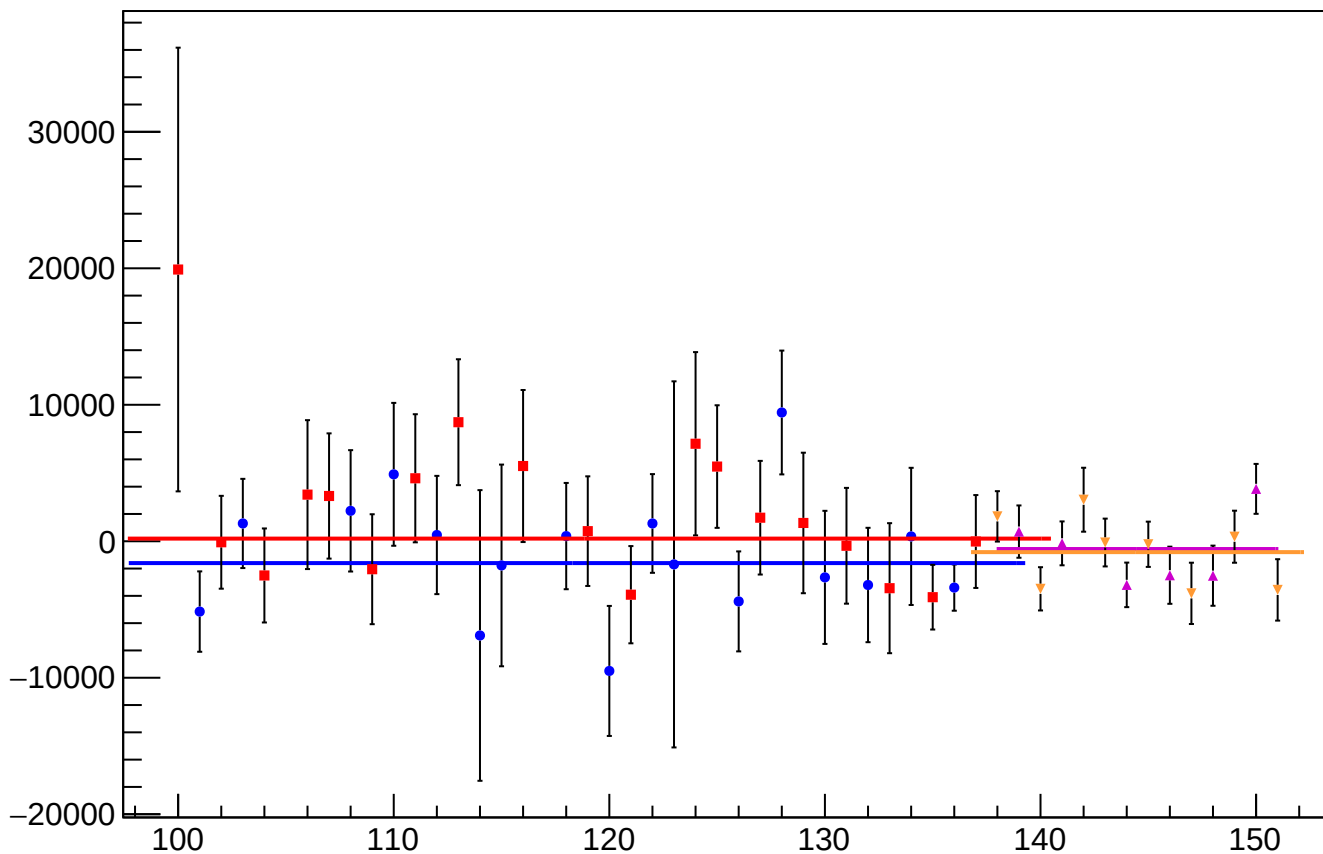
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.302 $\pm$ 0.046 χ^2 /NDF: 328238.0/22

Out: 218.287 $\pm$ 0.043 χ^2 /NDF: 466492.3/26

All: 218.767 $\pm$ 0.031 χ^2 /NDF: 794991.0/49

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: -568.809 $\pm$ 751.997 χ^2 /NDF:10.5/5

Left: -695.499 $\pm$ 499.817 χ^2 /NDF: 22.1/13

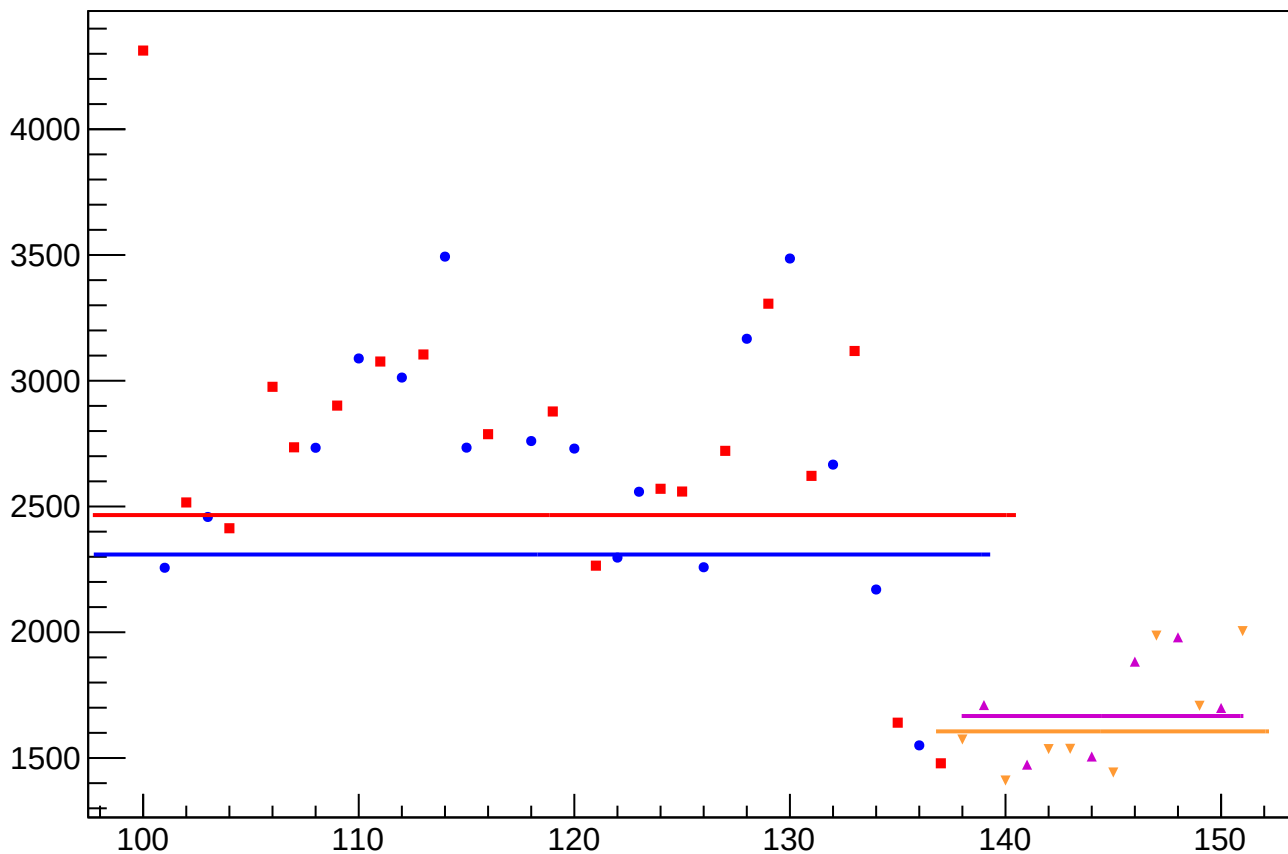
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -980.883 $\pm$ 582.504 χ^2 /NDF:27.9/22

Out: -466.177 $\pm$ 546.479 χ^2 /NDF:28.6/26

All: -707.123 $\pm$ 398.546 χ^2 /NDF: 56.9/49

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 +/- 0.651 χ^2/NDF : 800728.2/16

Left Out: 1605.883 +/- 0.473 χ^2/NDF : 181386.7/7

Right Out: 2465.900 +/- 0.670 χ^2/NDF : 694086.3/18

Left In: 1666.964 +/- 0.532 χ^2/NDF : 111728.1/5

Left: 1632.867 +/- 0.353 χ^2/NDF : 300480.8/13

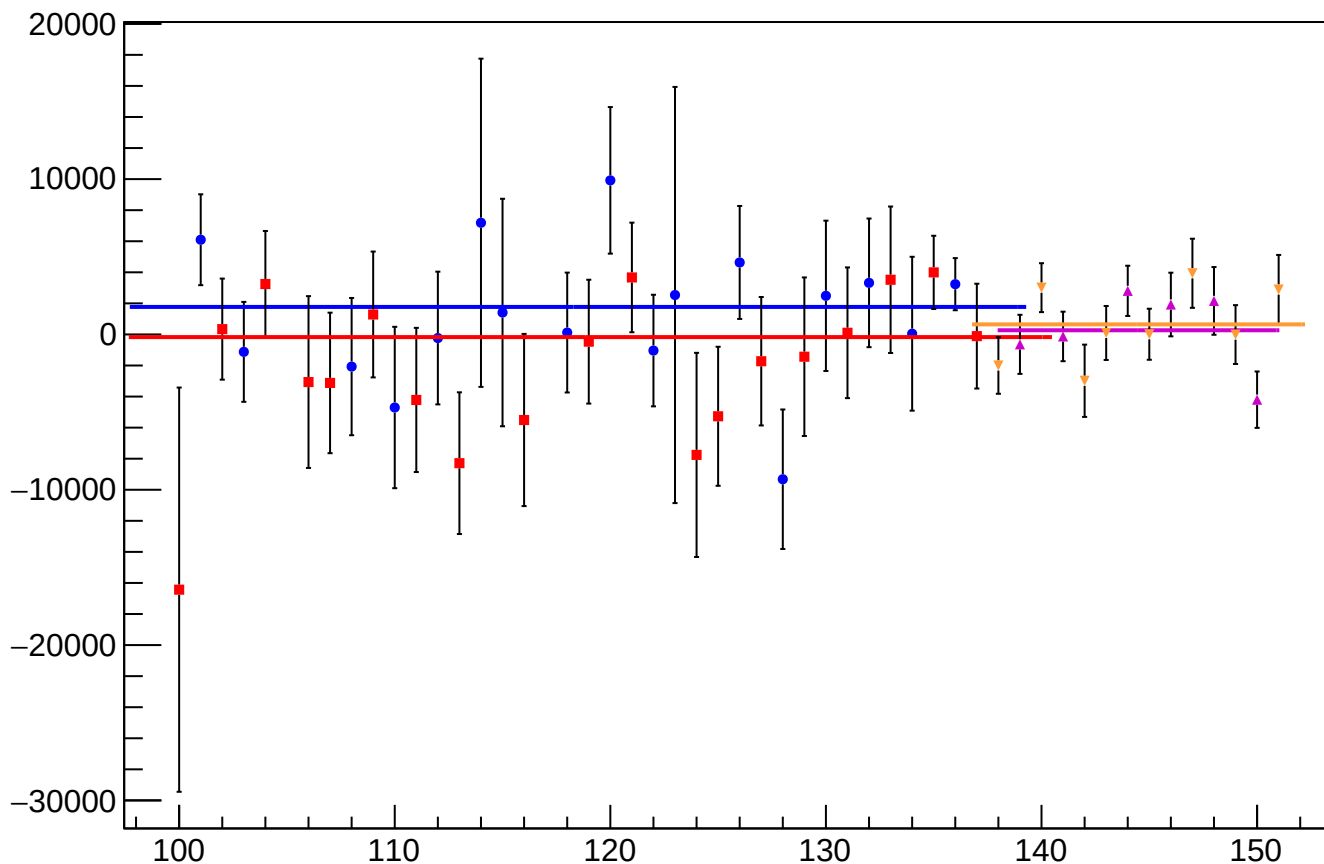
Right: 2385.298 +/- 0.467 χ^2/NDF : 1522965.3/35

In: 1923.819 +/- 0.412 χ^2/NDF : 1495811.3/22

Out: 1891.980 +/- 0.386 χ^2/NDF : 1975105.0/26

All: 1906.884 +/- 0.282 χ^2/NDF : 3474094.3/49

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: 268.139+/-744.352 χ^2/NDF : 10.2/5

Left: 479.514+/-495.189 χ^2/NDF : 20.7/13

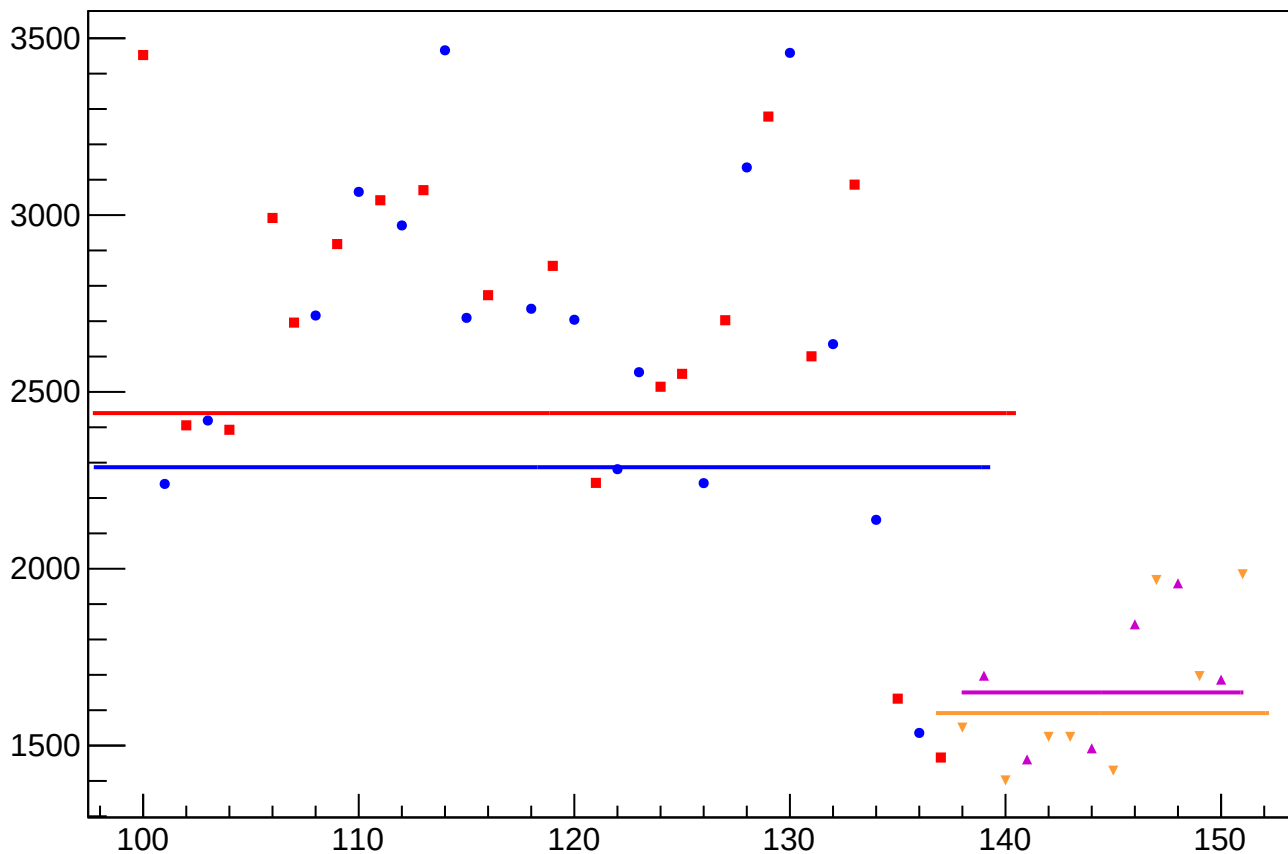
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 868.852+/-576.746 χ^2/NDF : 29.2/22

Out: 374.371+/-541.432 χ^2/NDF : 26.9/26

All: 606.010+/-394.744 χ^2/NDF : 56.5/49

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: 1650.253 $\pm$ 0.526 χ^2/NDF : 107123.3/5

Left: 1617.715 $\pm$ 0.350 χ^2/NDF : 293877.1/13

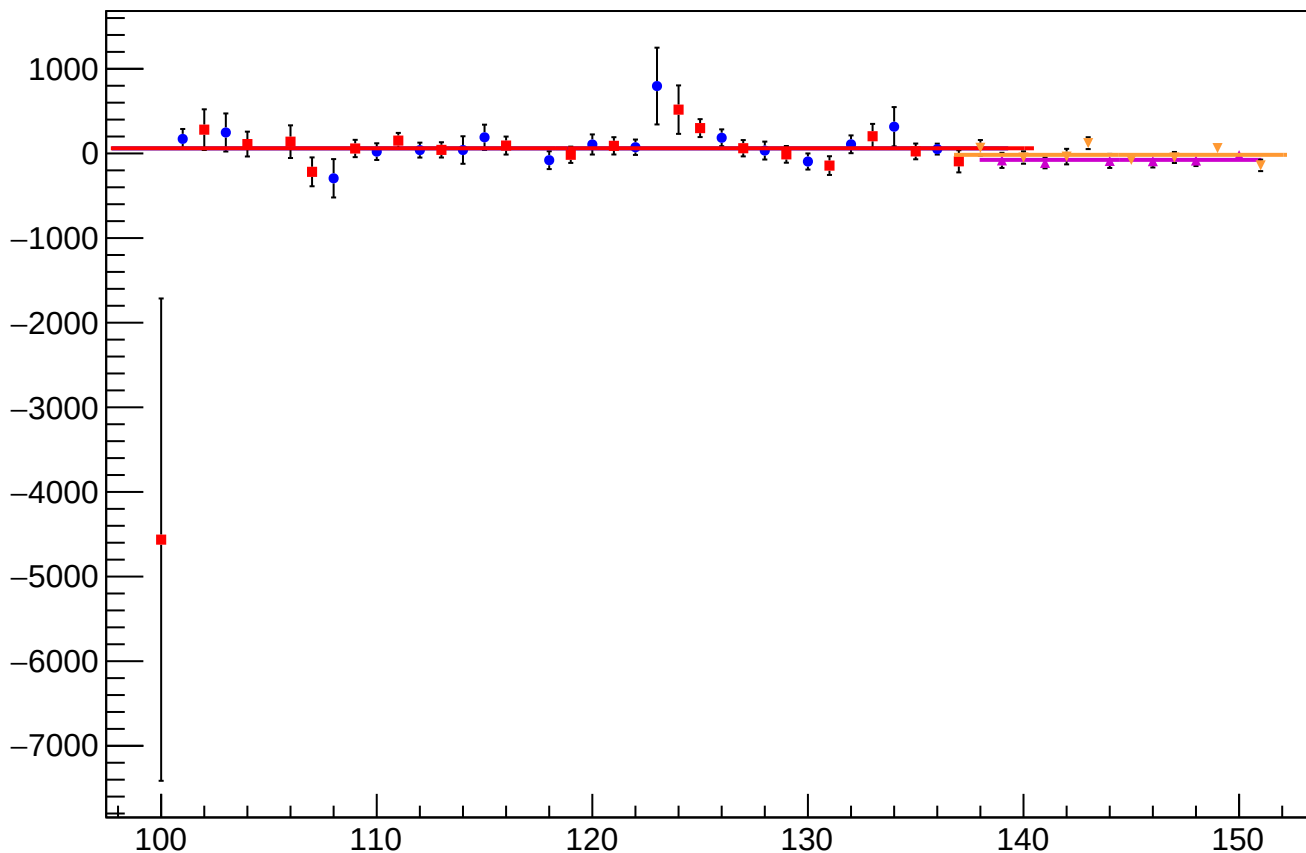
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1904.763 $\pm$ 0.408 χ^2/NDF : 1491598.9/22

Out: 1874.836 $\pm$ 0.383 χ^2/NDF : 1950164.6/26

All: 1888.855 $\pm$ 0.279 χ^2/NDF : 3444625.8/49

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: -75.879 $\pm$ 28.820 χ^2 /NDF:1.2/5

Left: -41.326 $\pm$ 18.642 χ^2 /NDF: 15.2/13

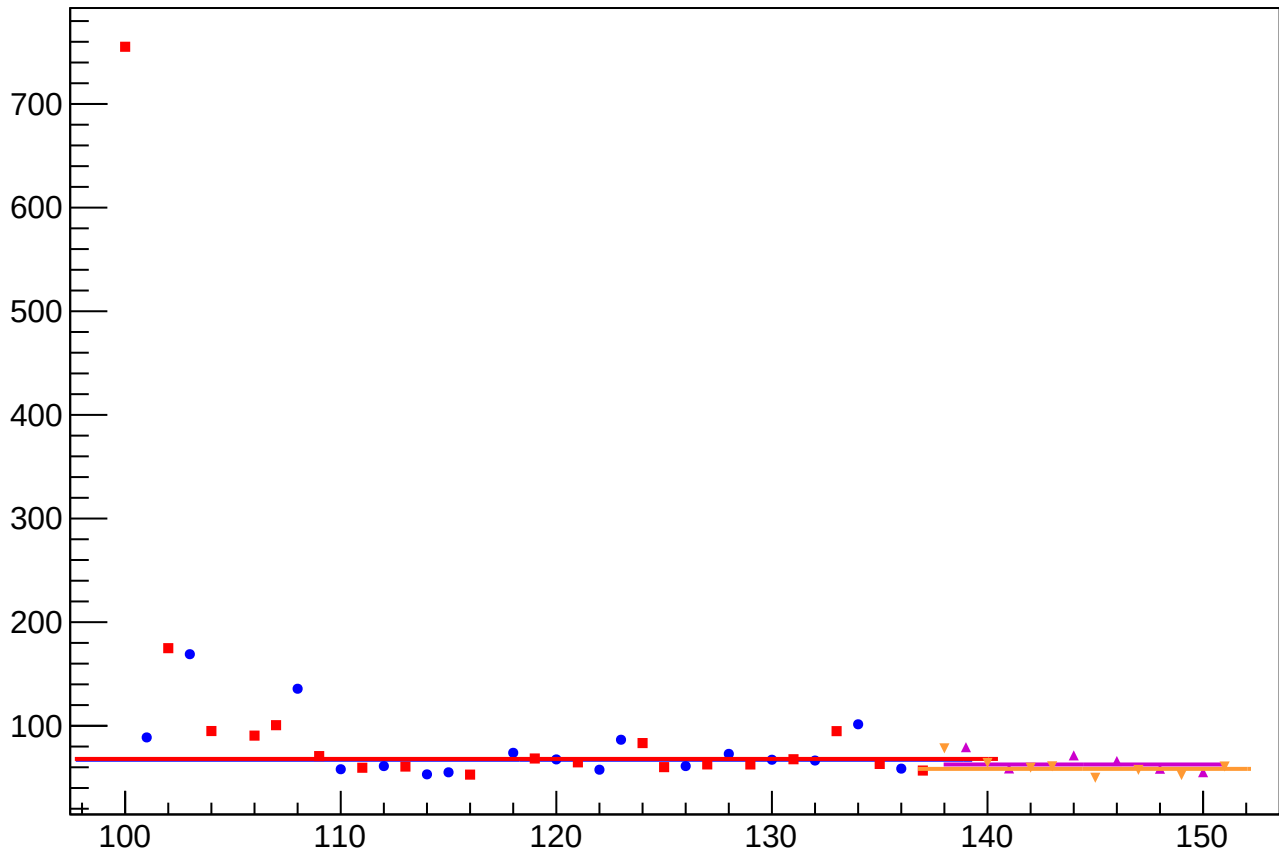
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -3.897 $\pm$ 19.735 χ^2 /NDF:28.3/22

Out: 18.406 $\pm$ 18.124 χ^2 /NDF:38.3/26

All: 8.202 $\pm$ 13.349 χ^2 /NDF: 67.3/49

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: 62.695 $\pm$ 0.020 χ^2 /NDF: 142422.6/5

Left: 60.227 $\pm$ 0.013 χ^2 /NDF: 343871.9/13

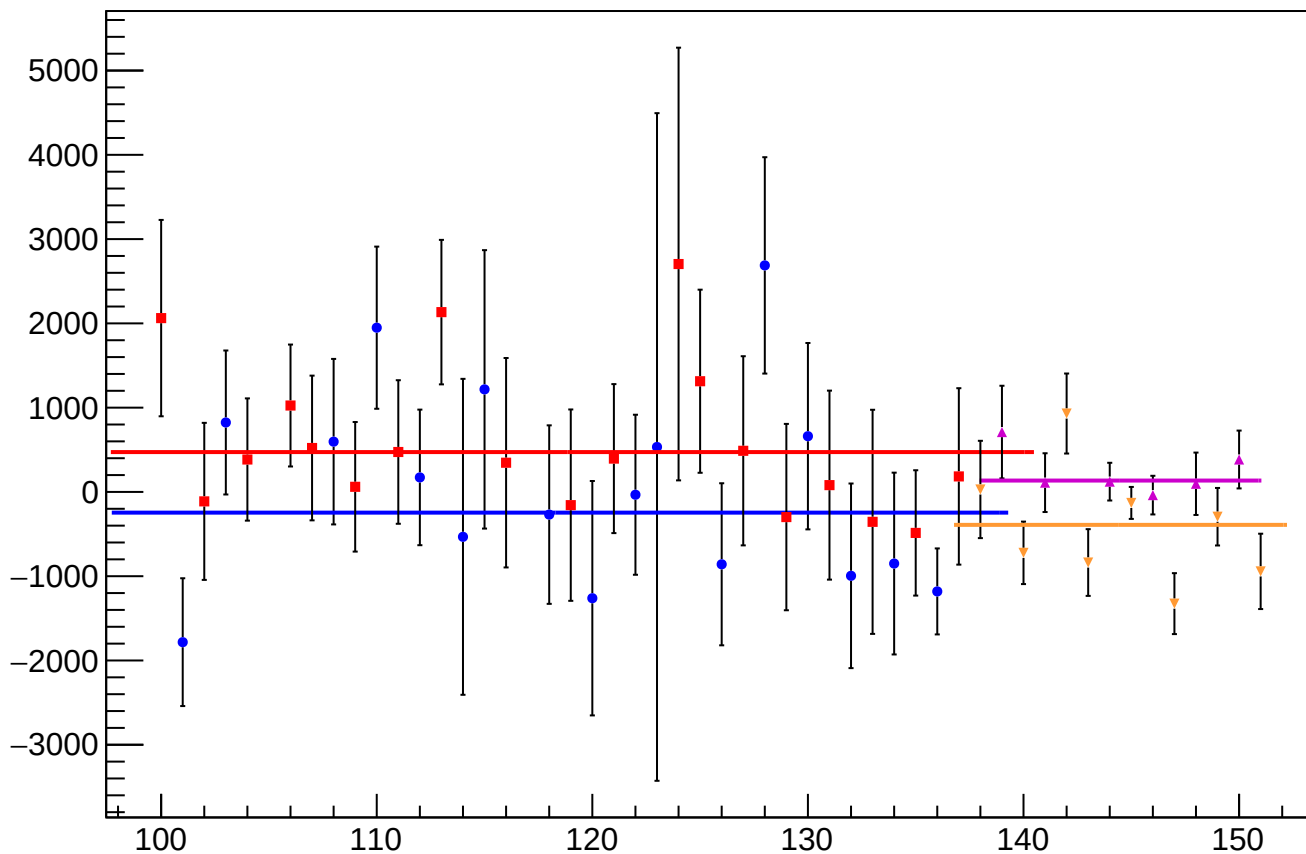
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 65.139 $\pm$ 0.014 χ^2 /NDF: 1010854.3/22

Out: 62.778 $\pm$ 0.013 χ^2 /NDF: 1185981.3/26

All: 63.858 $\pm$ 0.009 χ^2 /NDF: 2212368.1/49

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: 134.963 ± 122.806 χ^2/NDF : 2.2/5

Left: -135.236 ± 85.619 χ^2/NDF : 32.2/13

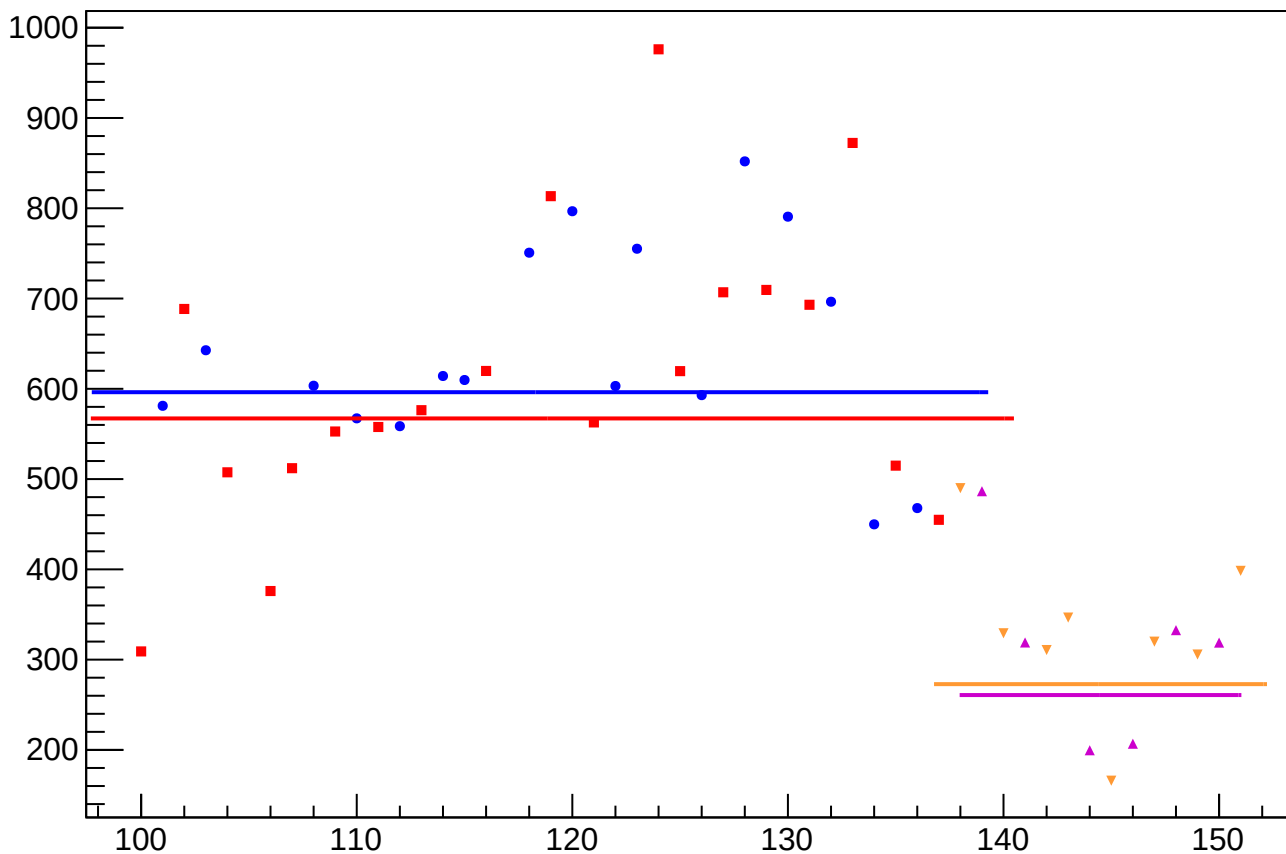
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 53.543 ± 108.881 χ^2/NDF : 28.0/22

Out: -192.568 ± 104.833 χ^2/NDF : 43.8/26

All: -74.172 ± 75.519 χ^2/NDF : 74.5/49

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: 260.763 ± 0.087 $\chi^2/NDF: 785984.1/5$

Left: 266.976 ± 0.061 $\chi^2/NDF: 2052282.6/13$

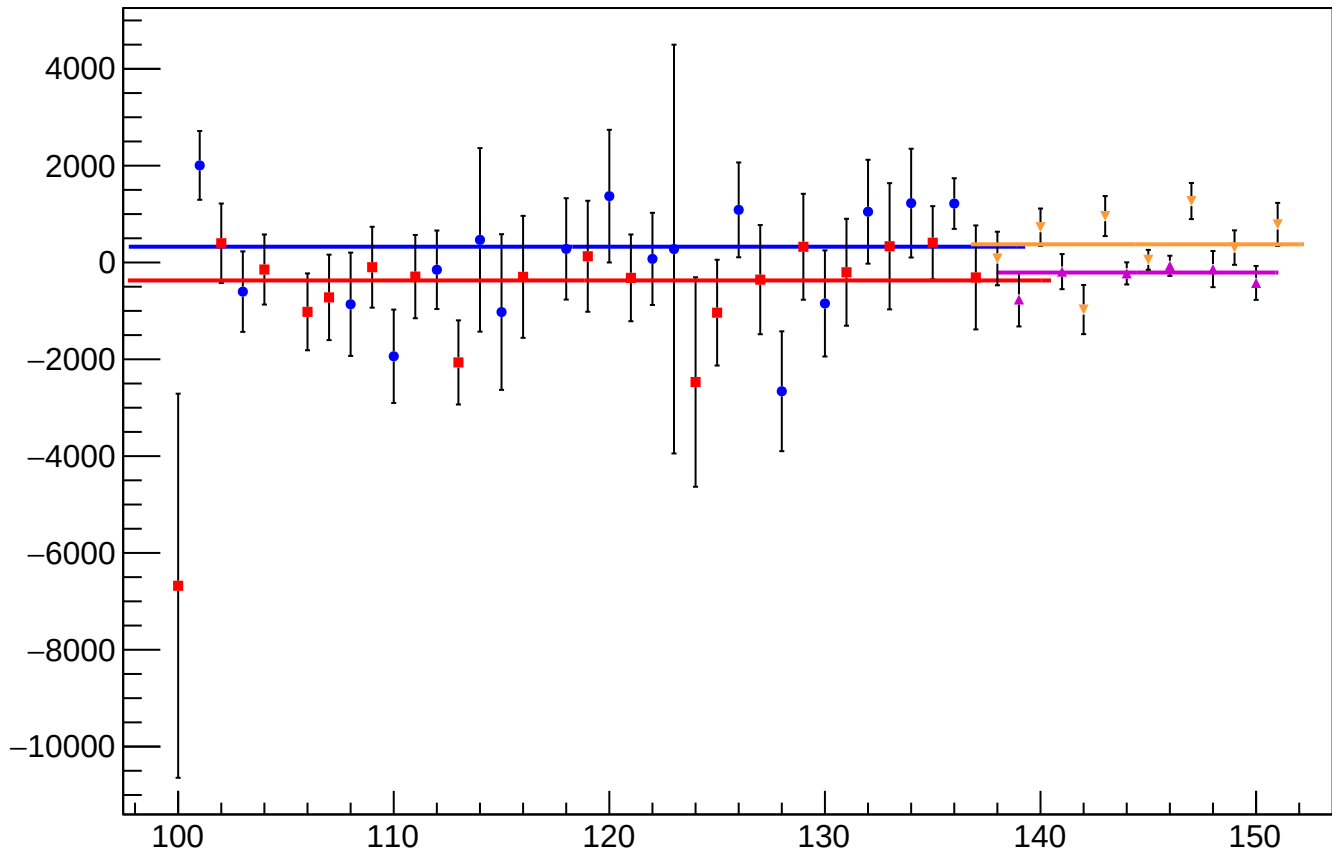
Right: 580.651 ± 0.113 $\chi^2/NDF: 1113905.5/35$

In: 332.533 ± 0.077 $\chi^2/NDF: 4401160.9/22$

Out: 340.404 ± 0.074 $\chi^2/NDF: 4719524.4/26$

All: 336.618 ± 0.053 $\chi^2/NDF: 9126108.6/49$

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: -207.791 ± 120.950 χ^2/NDF : 1.9/5

Left: 73.016 ± 87.098 χ^2/NDF : 32.2/13

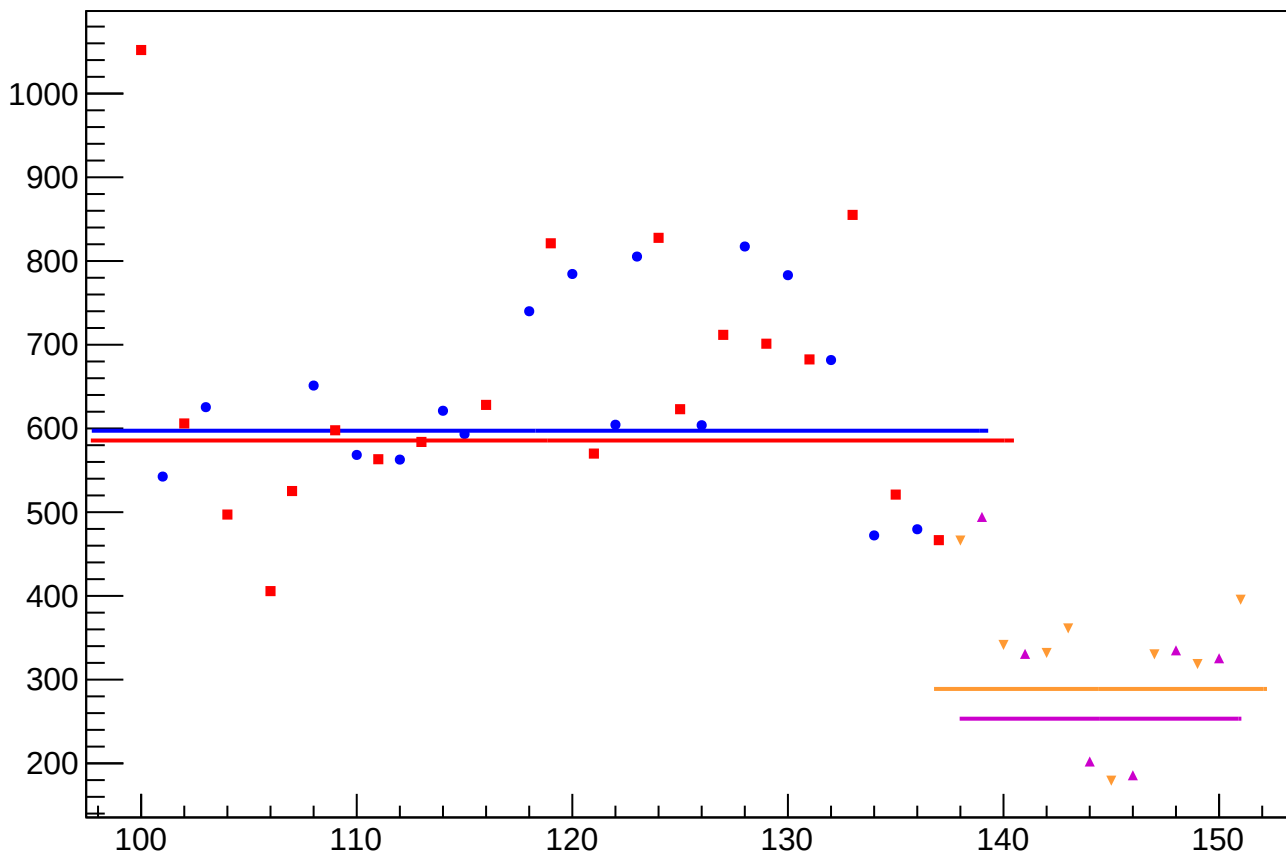
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: -96.437 ± 107.599 χ^2/NDF : 32.8/22

Out: 198.224 ± 109.609 χ^2/NDF : 39.1/26

All: 48.167 ± 76.785 χ^2/NDF : 75.6/49

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 +/- 0.167 χ^2/NDF : 363658.5/16

Left Out: 288.887 +/- 0.089 χ^2/NDF : 1038490.1/7

Right Out: 585.615 +/- 0.159 χ^2/NDF : 474610.2/18

Left In: 253.346 +/- 0.086 χ^2/NDF : 955797.1/5

Left: 270.457 +/- 0.062 χ^2/NDF : 2077427.8/13

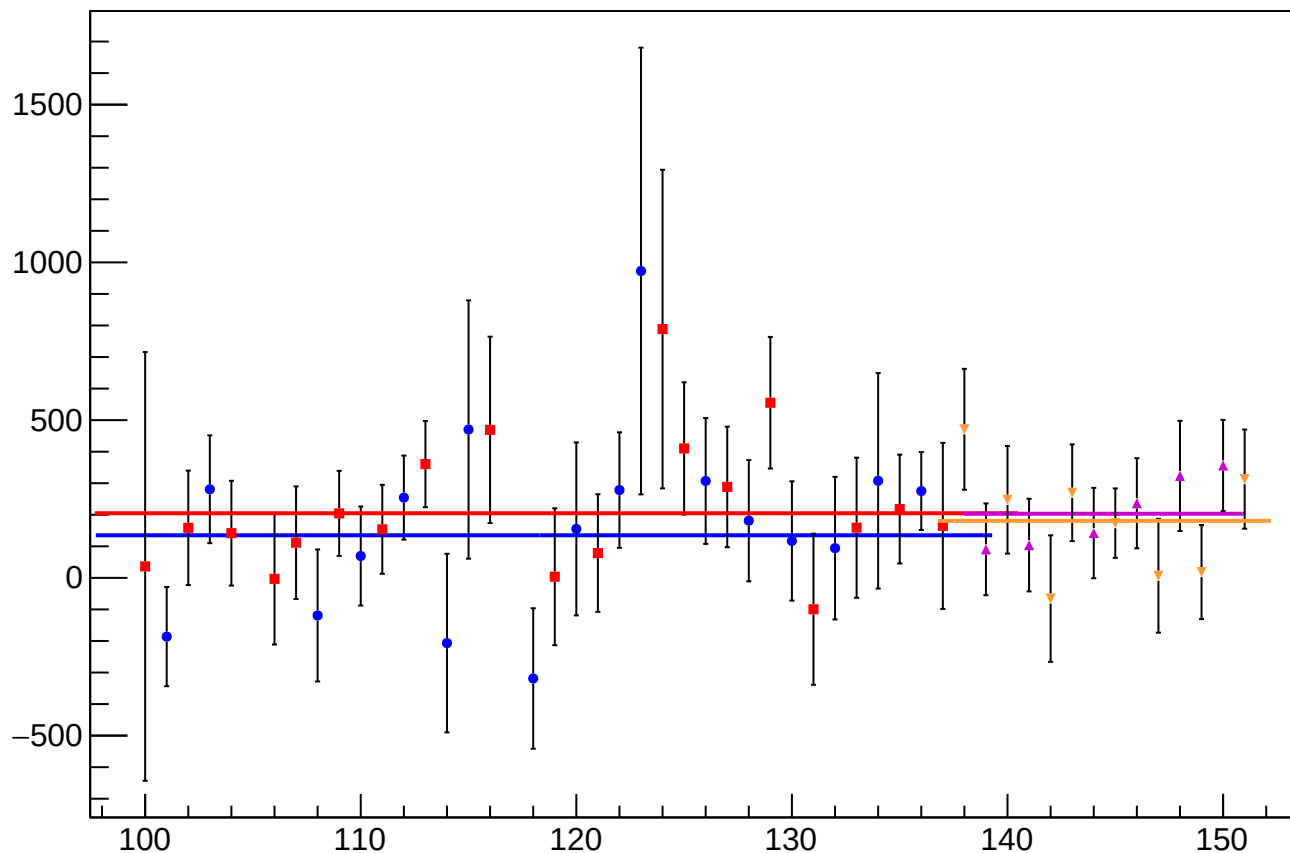
Right: 591.185 +/- 0.115 χ^2/NDF : 840841.8/35

In: 325.087 +/- 0.076 χ^2/NDF : 4692987.0/22

Out: 359.373 +/- 0.078 χ^2/NDF : 4167798.1/26

All: 341.913 +/- 0.054 χ^2/NDF : 8960439.0/49

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: 203.258 $\pm$ 60.610 χ^2/NDF : 2.9/5

Left: 190.917 $\pm$ 40.823 χ^2/NDF : 10.1/13

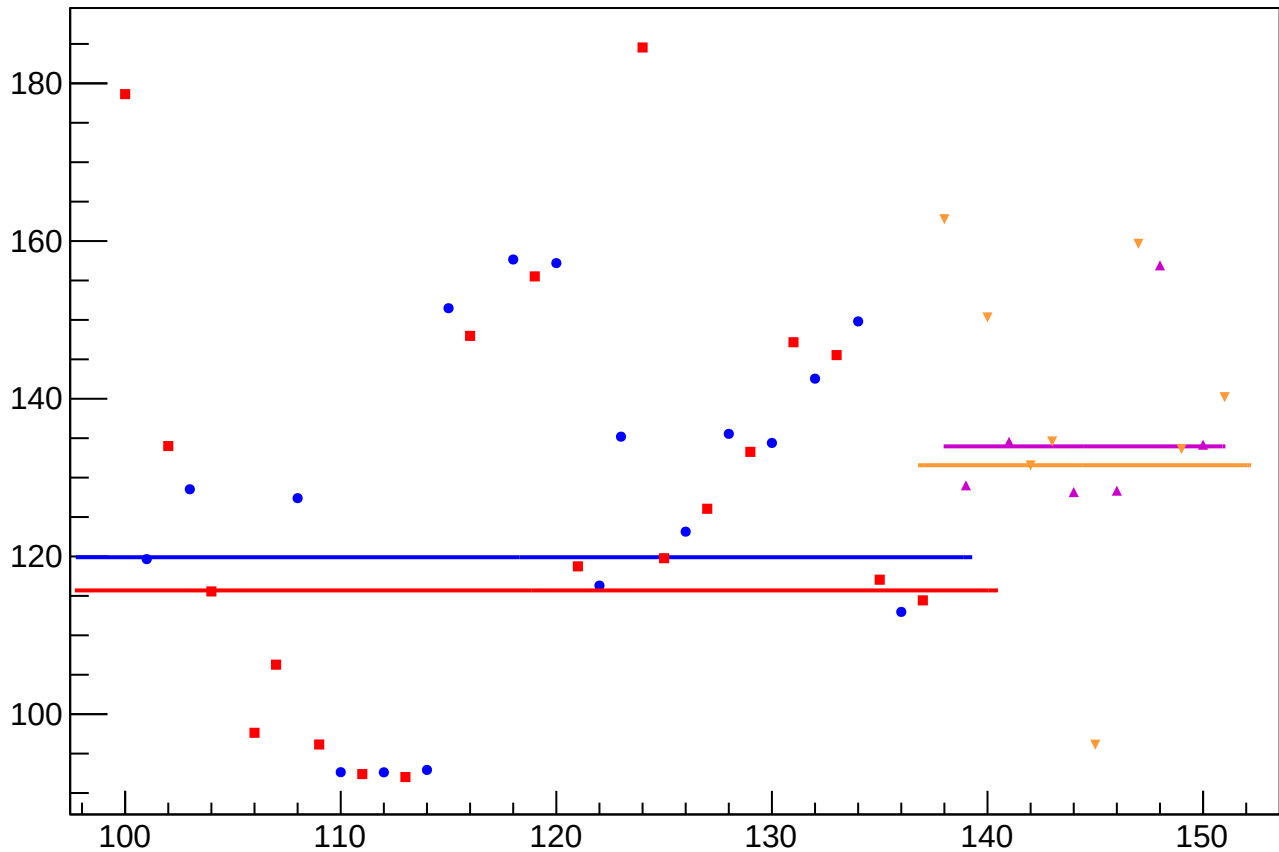
Right: 171.919 $\pm$ 32.299 χ^2/NDF : 31.3/35

In: 160.666 $\pm$ 37.154 χ^2/NDF : 21.7/22

Out: 195.357 $\pm$ 34.623 χ^2/NDF : 19.3/26

All: 179.233 $\pm$ 25.330 χ^2/NDF : 41.5/49

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: 133.963 $\pm$ 0.043 χ^2 /NDF:43311.9/5

Left: 132.657 $\pm$ 0.029 χ^2 /NDF: 385187.6/13

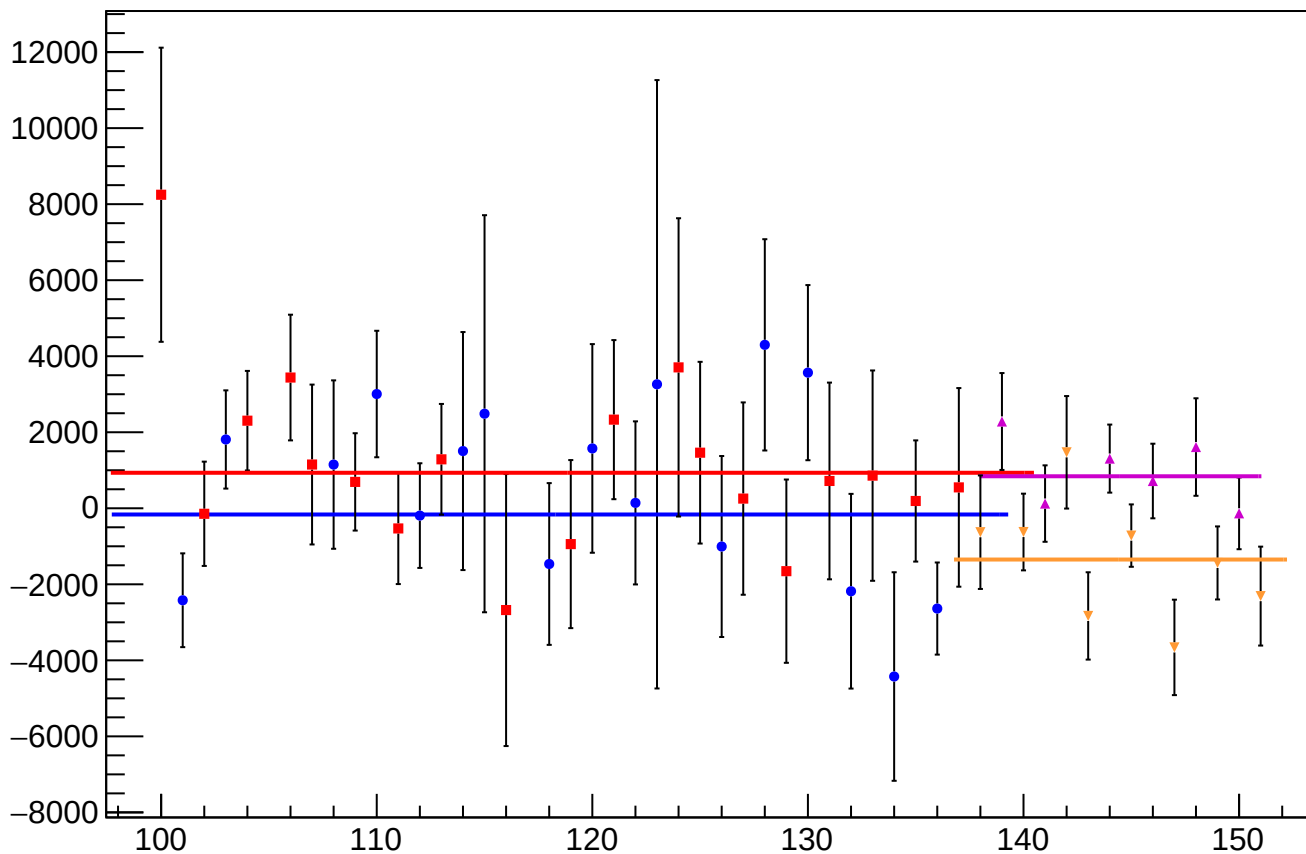
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 125.186 $\pm$ 0.026 χ^2 /NDF:456002.2/22

Out: 121.933 $\pm$ 0.024 χ^2 /NDF:875866.6/26

All: 123.445 $\pm$ 0.018 χ^2 /NDF: 1340076.0/49

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1348.483+/-394.080 χ^2/NDF :10.6/7

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 842.012+/-421.748 χ^2/NDF :3.5/5

Left: -327.438+/-287.941 χ^2/NDF : 28.5/13

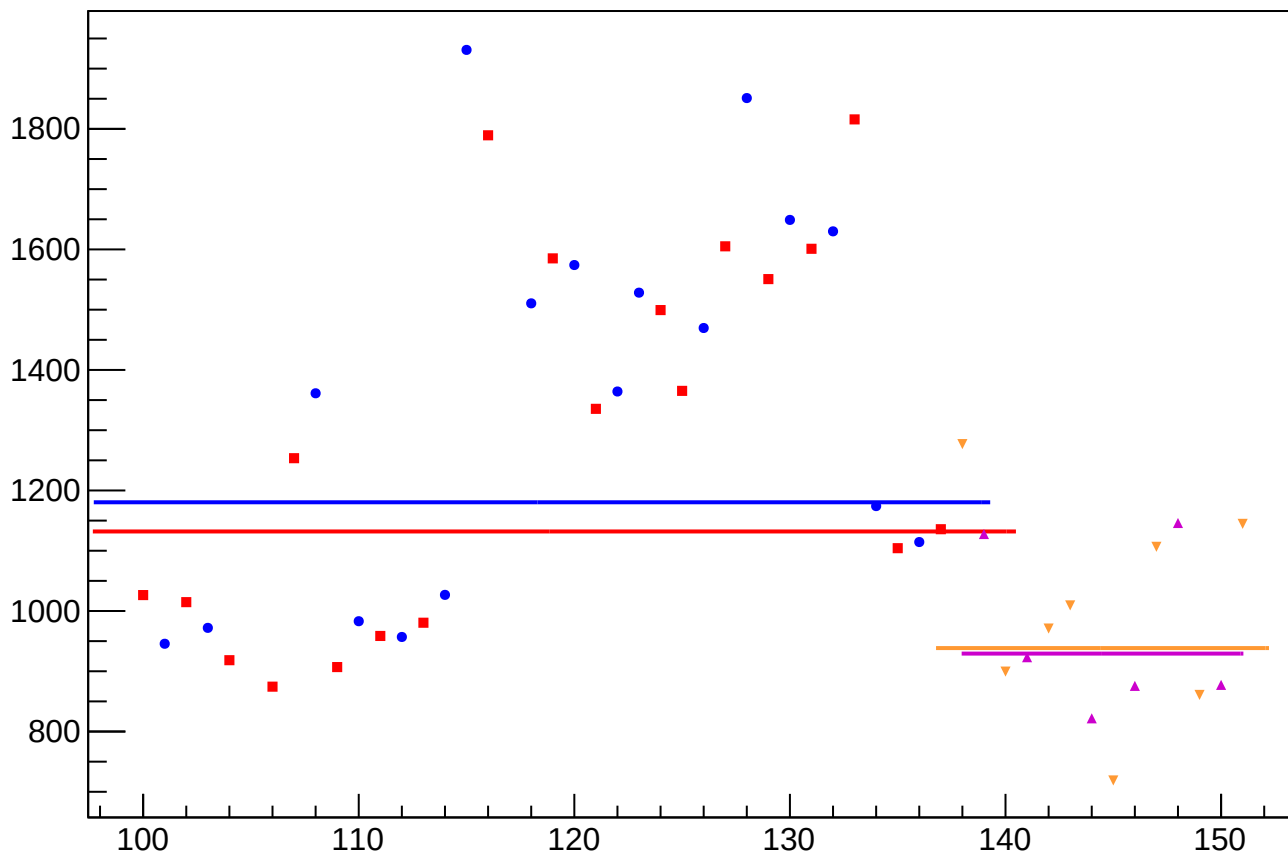
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 393.056+/-313.776 χ^2/NDF :29.7/22

Out: -326.481+/-292.852 χ^2/NDF :38.5/26

All: 8.498+/-214.093 χ^2/NDF : 71.1/49

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 938.476 $\pm$ 0.279 χ^2/NDF : 356714.7/7

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 929.329 $\pm$ 0.298 χ^2/NDF : 146443.7/5

Left: 934.212 $\pm$ 0.204 χ^2/NDF : 503660.6/13

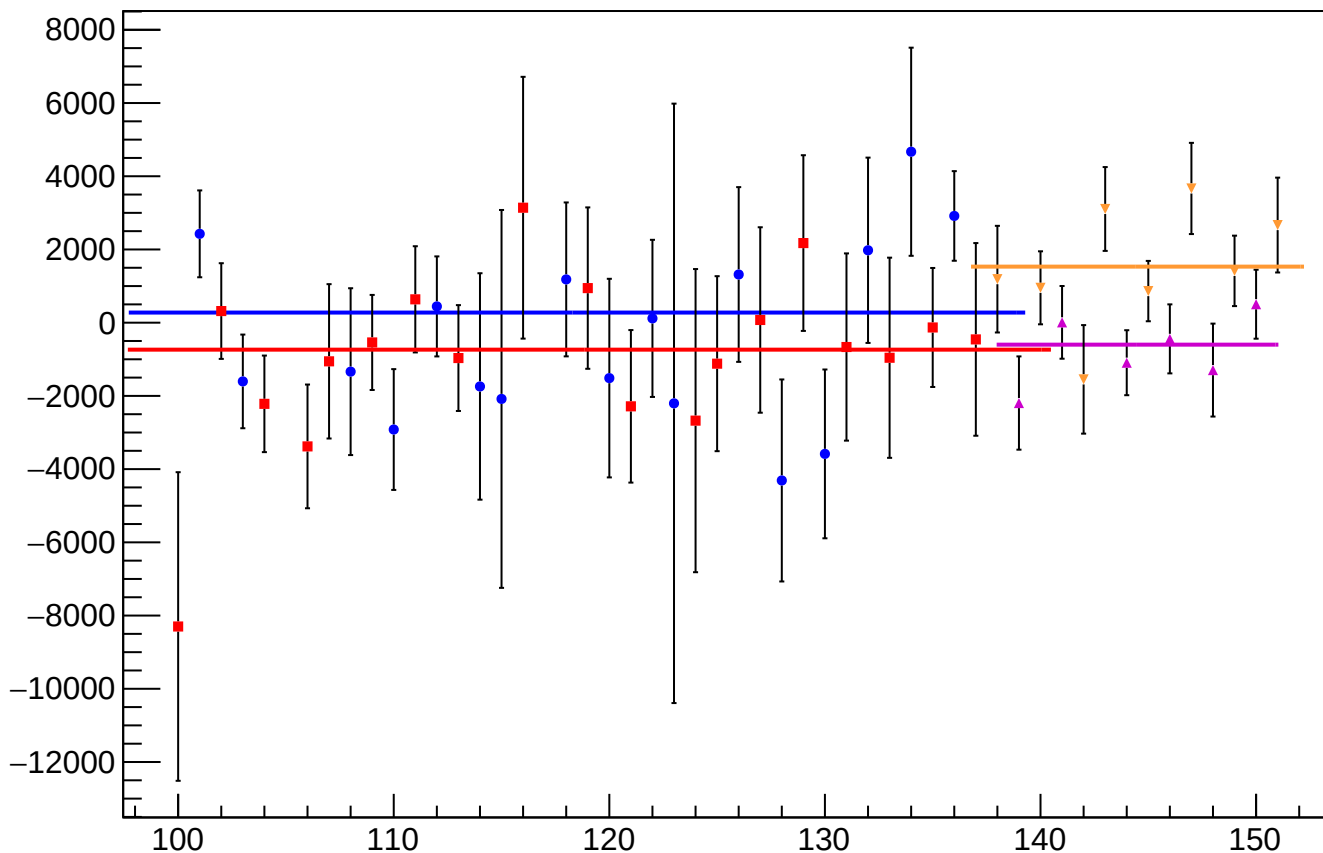
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1041.428 $\pm$ 0.222 χ^2/NDF : 1131755.4/22

Out: 1025.119 $\pm$ 0.207 χ^2/NDF : 1334533.3/26

All: 1032.711 $\pm$ 0.151 χ^2/NDF : 2469176.4/49

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: -600.059+/-416.207 χ^2/NDF :4.0/5

Left: 527.731+/-285.602 χ^2/NDF : 28.8/13

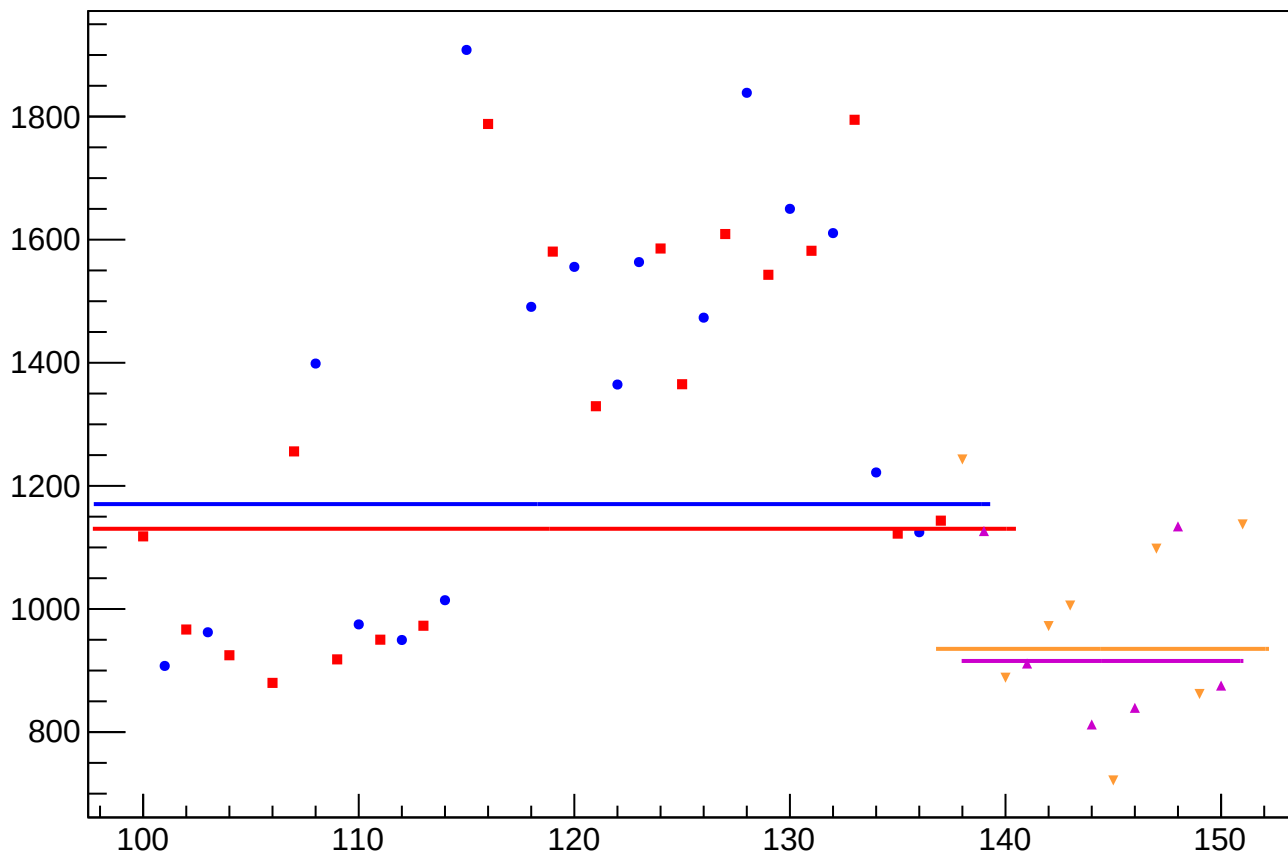
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -211.526+/-310.545 χ^2/NDF :30.2/22

Out: 519.417+/-292.195 χ^2/NDF :38.7/26

All: 176.178+/-212.804 χ^2/NDF : 71.9/49

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: 915.568 $\pm$ 0.294 χ^2/NDF :157940.8/5

Left: 925.976 $\pm$ 0.202 χ^2/NDF : 491719.4/13

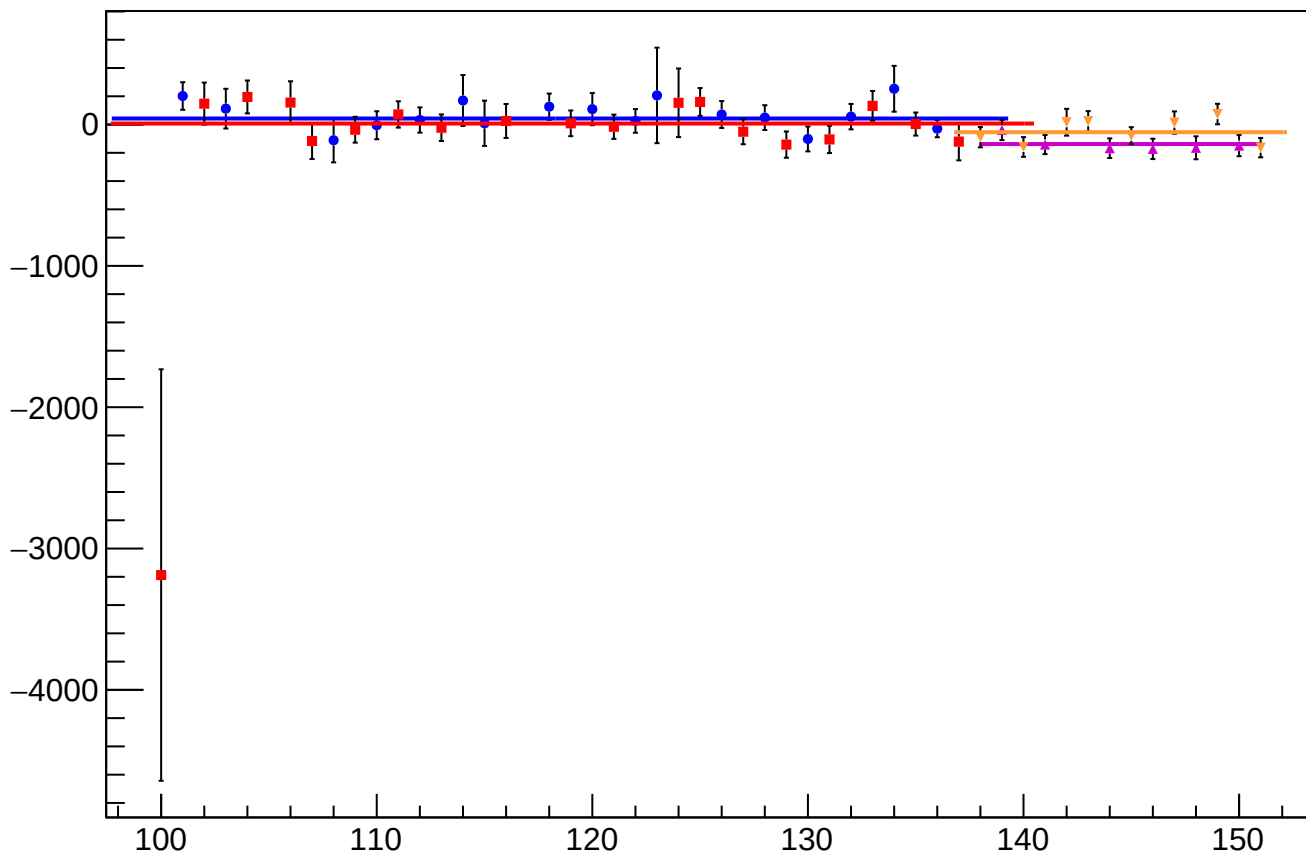
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1028.534 $\pm$ 0.220 χ^2/NDF :1195795.5/22

Out: 1022.276 $\pm$ 0.207 χ^2/NDF :1314756.8/26

All: 1025.215 $\pm$ 0.150 χ^2/NDF : 2510983.1/49

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: -137.998 ± 29.582 $\chi^2/\text{NDF}: 2.5/5$

Left: -89.661 ± 19.274 $\chi^2/\text{NDF}: 17.9/13$

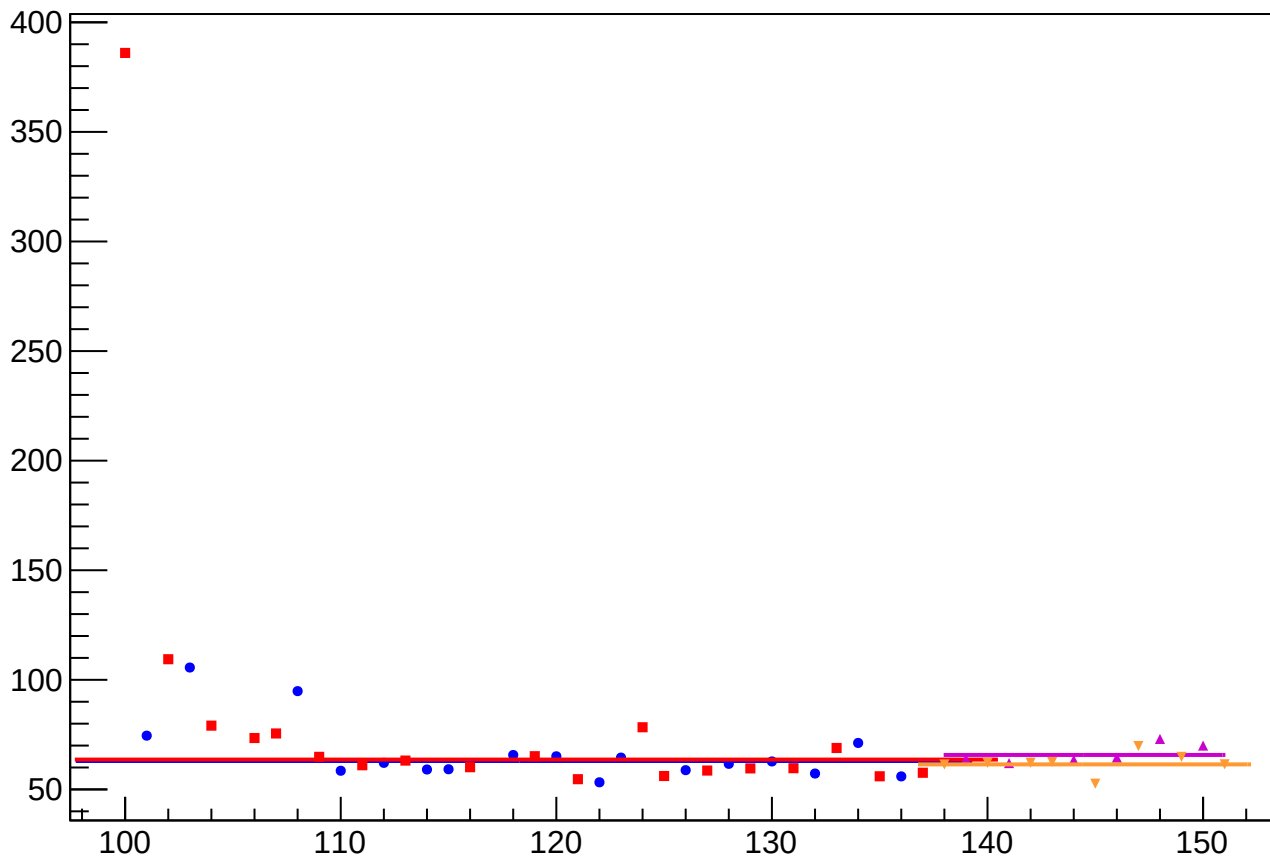
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -31.546 ± 18.960 $\chi^2/\text{NDF}: 36.4/22$

Out: -22.336 ± 17.632 $\chi^2/\text{NDF}: 34.4/26$

All: -26.607 ± 12.912 $\chi^2/\text{NDF}: 71.0/49$

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: 65.725 $\pm$ 0.021 χ^2 /NDF: 32596.0/5

Left: 63.247 $\pm$ 0.014 χ^2 /NDF: 127754.8/13

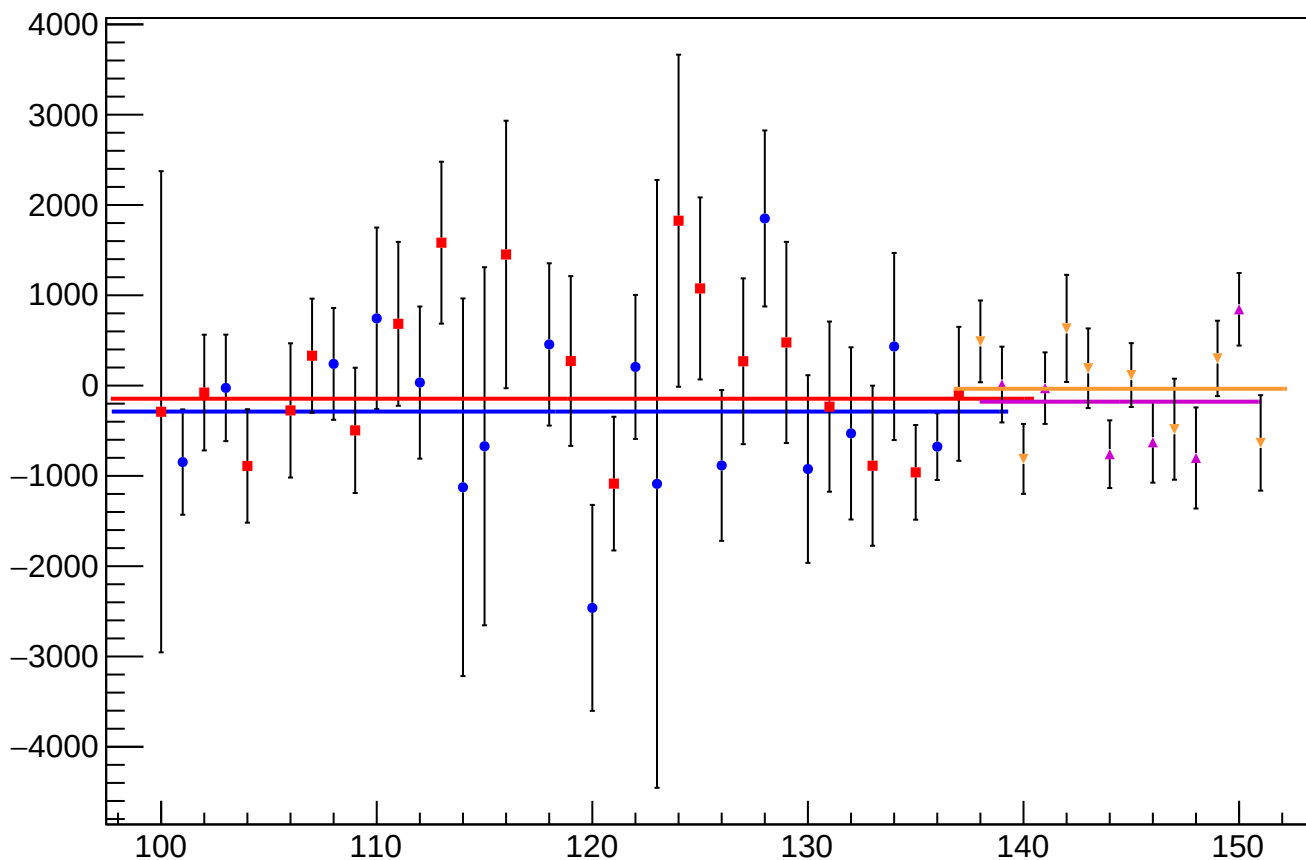
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 64.108 $\pm$ 0.013 χ^2 /NDF: 418002.0/22

Out: 62.557 $\pm$ 0.012 χ^2 /NDF: 512065.5/26

All: 63.276 $\pm$ 0.009 χ^2 /NDF: 937238.3/49

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -35.180 $\pm$ 158.036 χ^2 /NDF: 9.7/7

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -178.276 $\pm$ 172.617 χ^2 /NDF: 11.5/5

Left: -100.430 $\pm$ 116.563 χ^2 /NDF: 21.5/13

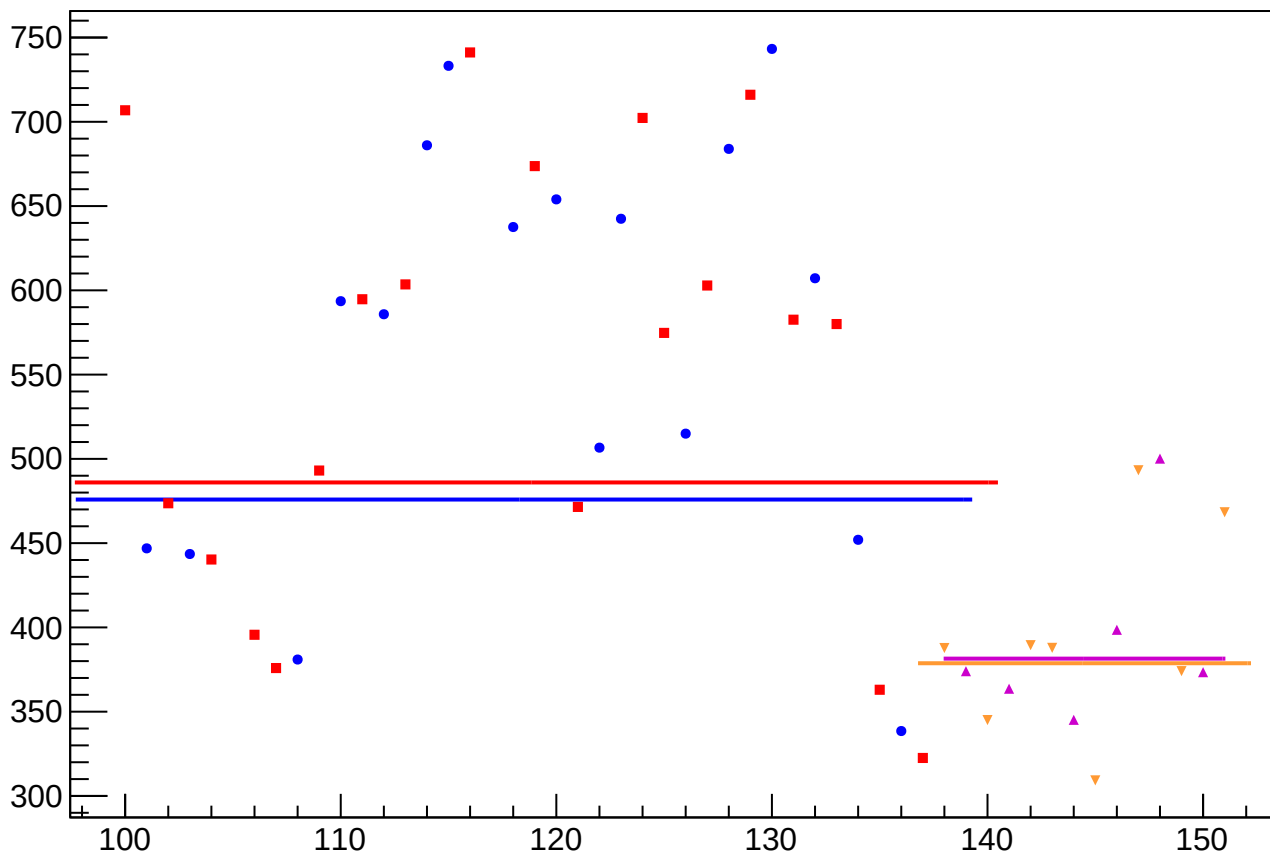
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -227.778 $\pm$ 127.729 χ^2 /NDF: 27.0/22

Out: -80.989 $\pm$ 120.788 χ^2 /NDF: 25.9/26

All: -150.287 $\pm$ 87.761 χ^2 /NDF: 53.7/49

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 378.736 $\pm$ 0.112 χ^2/NDF :236323.2/7

Right Out: 486.011 $\pm$ 0.132 χ^2/NDF : 730123.7/18

Left In: 381.477 $\pm$ 0.122 χ^2/NDF :117093.9/5

Left: 379.986 $\pm$ 0.082 χ^2/NDF : 353691.2/13

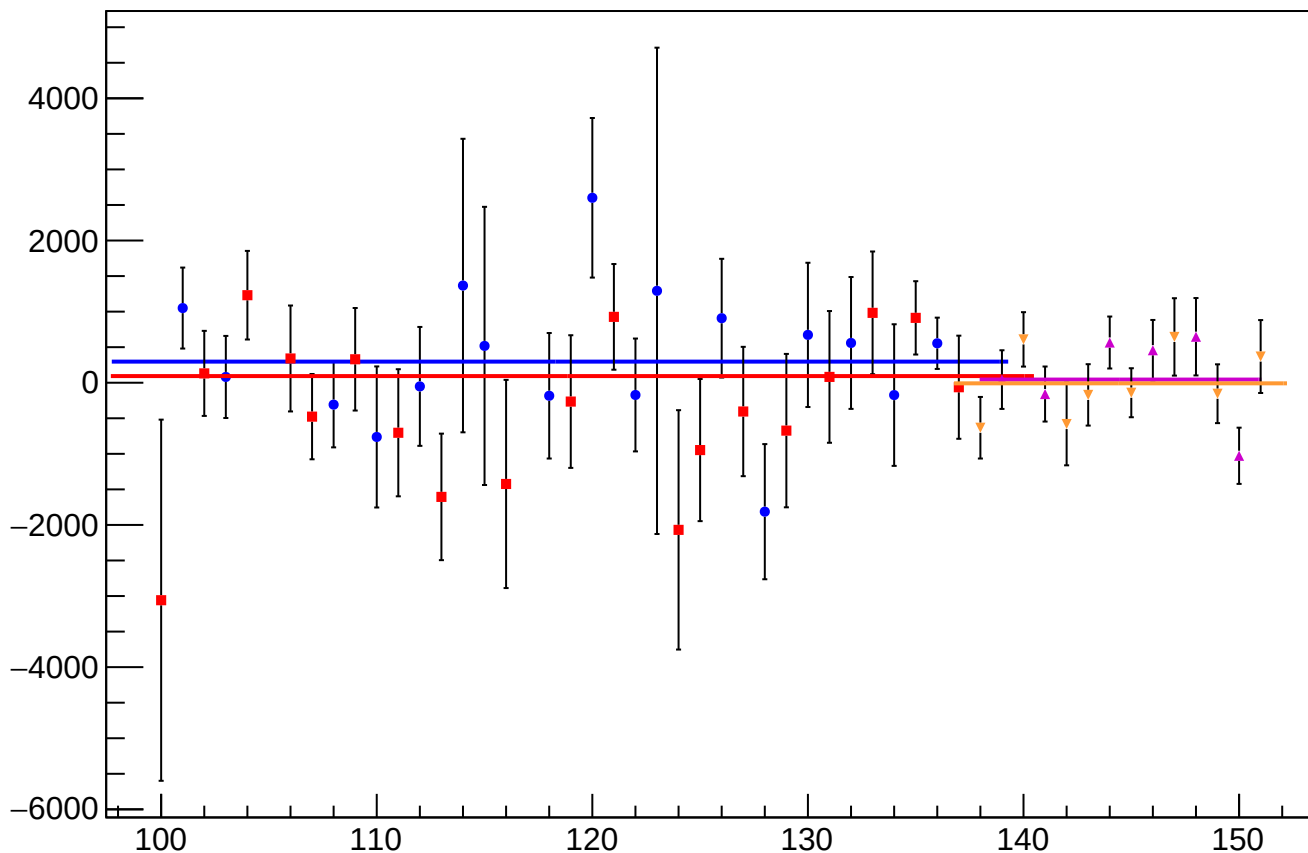
Right: 481.010 $\pm$ 0.094 χ^2/NDF : 1570822.6/35

In: 424.187 $\pm$ 0.090 χ^2/NDF :1225509.4/22

Out: 423.344 $\pm$ 0.085 χ^2/NDF :1349649.6/26

All: 423.742 $\pm$ 0.062 χ^2/NDF : 2575204.9/49

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: 44.430 $\pm$ 168.216 χ^2 /NDF: 11.8/5

Left: 15.678 $\pm$ 113.760 χ^2 /NDF: 19.9/13

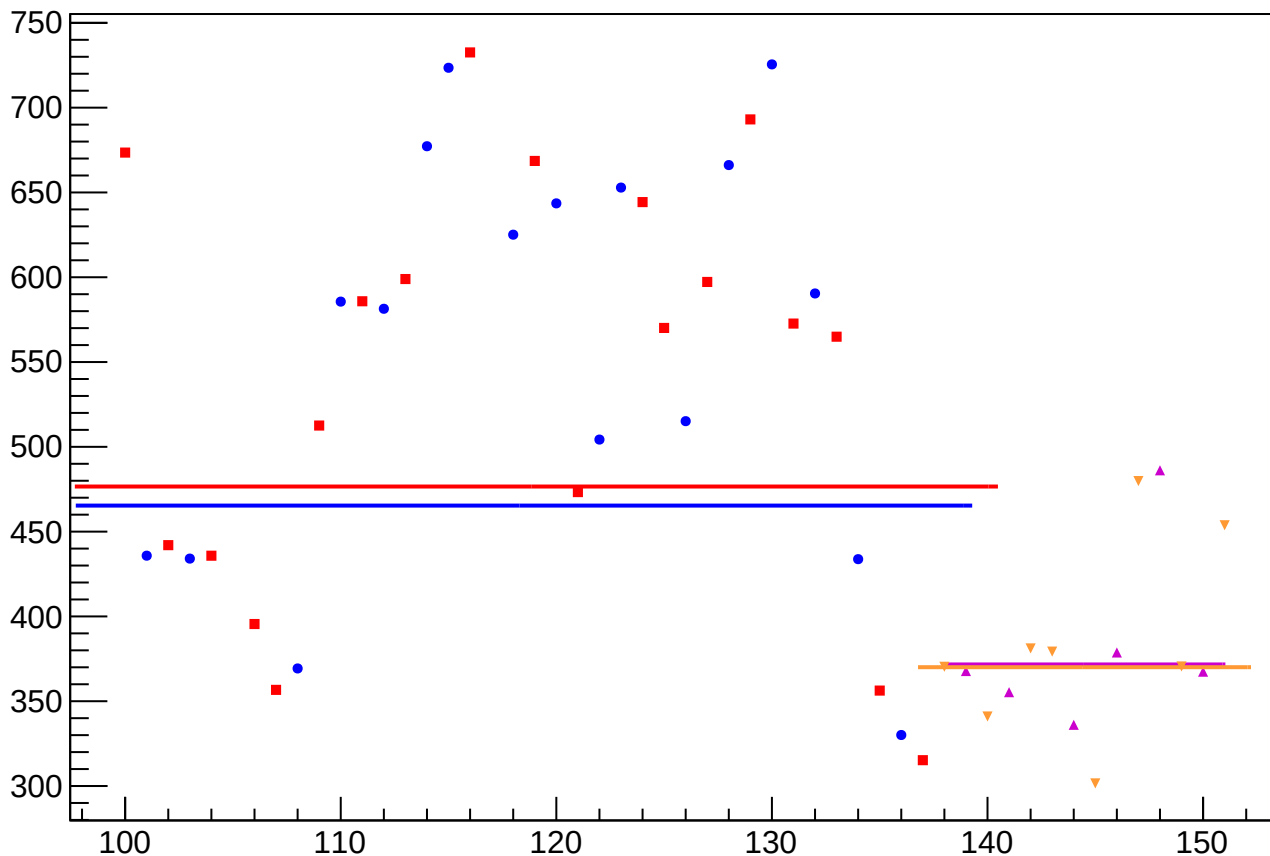
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 158.075 $\pm$ 124.754 χ^2 /NDF: 28.7/22

Out: 33.655 $\pm$ 118.267 χ^2 /NDF: 28.3/26

All: 92.546 $\pm$ 85.829 χ^2 /NDF: 57.5/49

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: 371.674 $\pm$ 0.119 χ^2/NDF : 112010.2/5

Left: 370.797 $\pm$ 0.080 χ^2/NDF : 338926.8/13

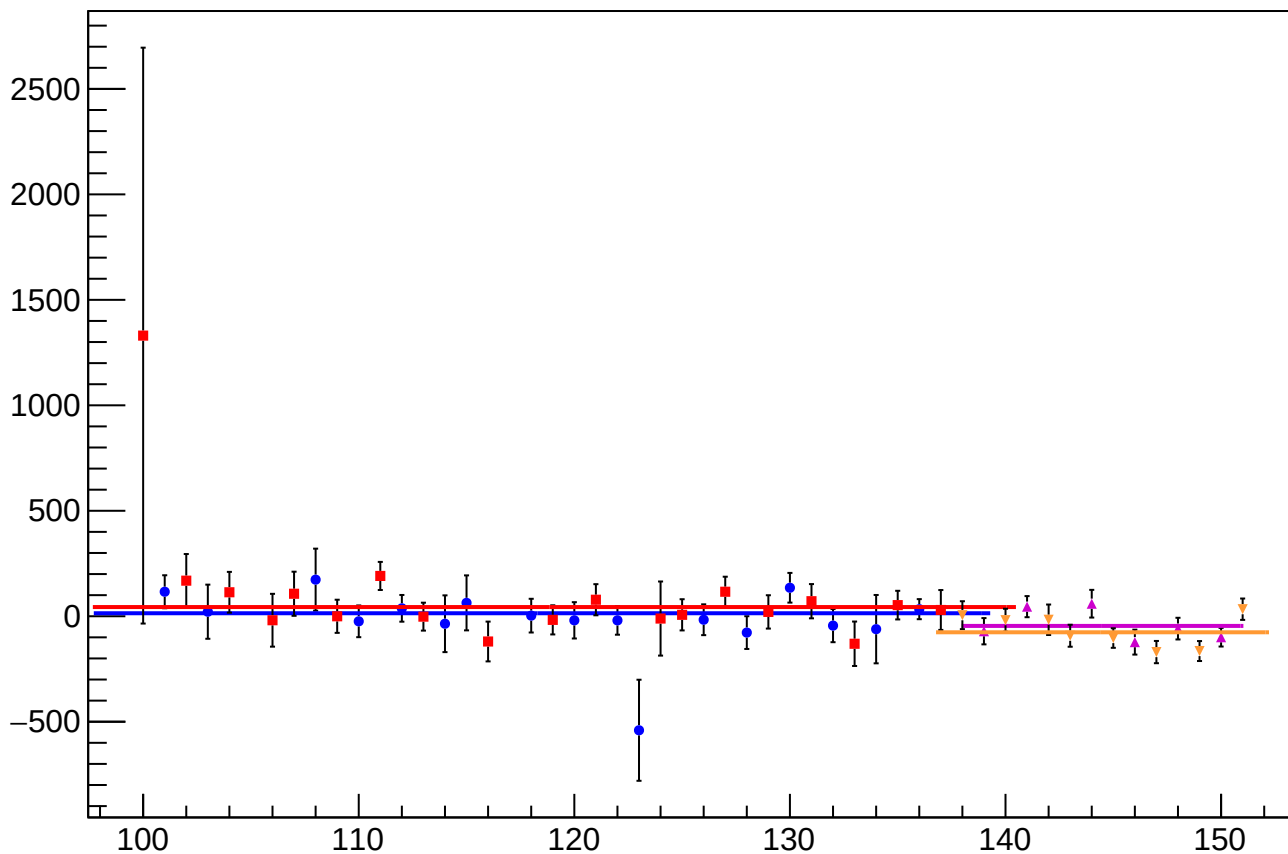
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 413.829 $\pm$ 0.088 χ^2/NDF : 1251556.9/22

Out: 414.113 $\pm$ 0.084 χ^2/NDF : 1373370.5/26

All: 413.978 $\pm$ 0.061 χ^2/NDF : 2624932.8/49

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -76.028 ± 18.930 $\chi^2/\text{NDF}: 15.1/7$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -45.788 ± 21.992 $\chi^2/\text{NDF}: 9.3/5$

Left: -63.159 ± 14.347 $\chi^2/\text{NDF}: 25.5/13$

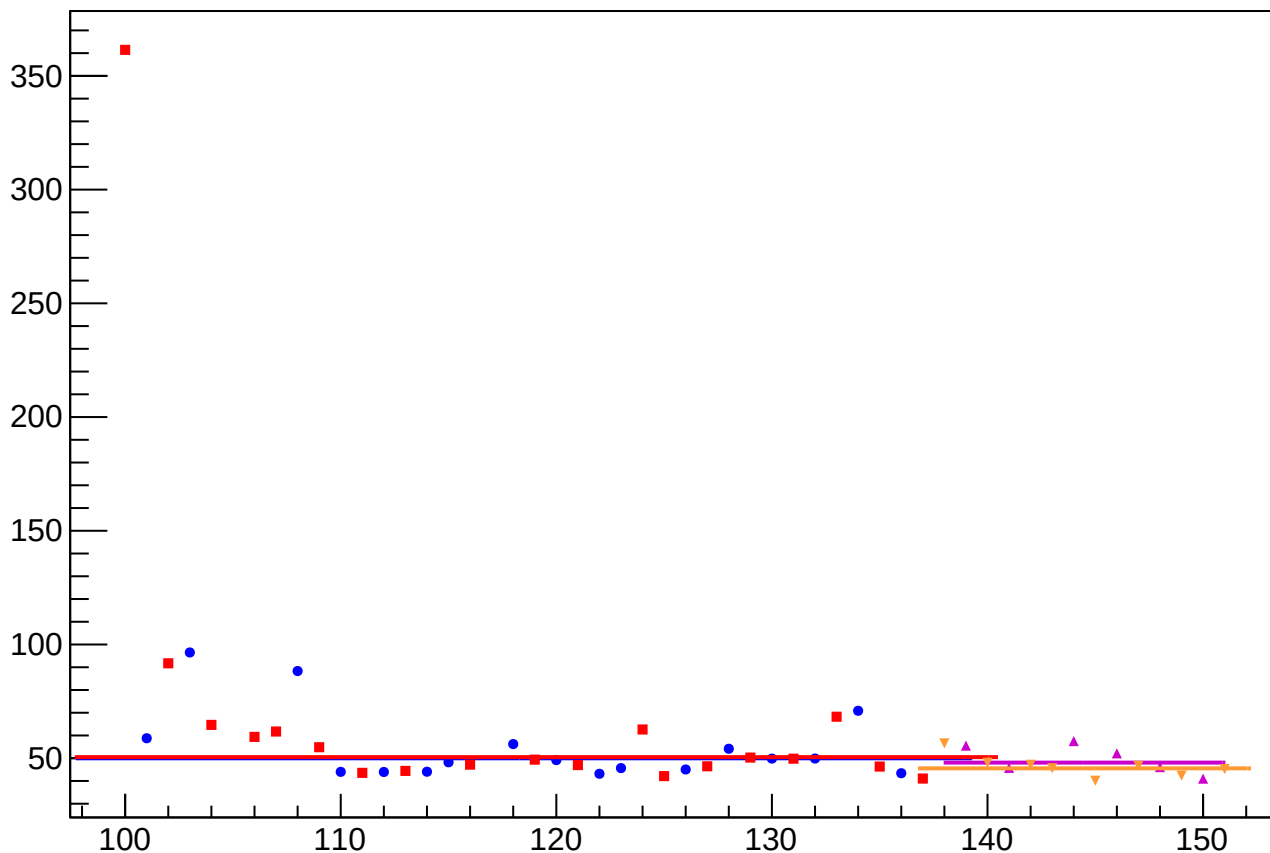
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -12.726 ± 14.742 $\chi^2/\text{NDF}: 28.2/22$

Out: -18.439 ± 13.632 $\chi^2/\text{NDF}: 51.4/26$

All: -15.806 ± 10.009 $\chi^2/\text{NDF}: 79.7/49$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 45.548+/-0.013 χ^2/NDF : 98168.1/7

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 48.069+/-0.016 χ^2/NDF : 138049.2/5

Left: 46.621+/-0.010 χ^2/NDF : 251318.1/13

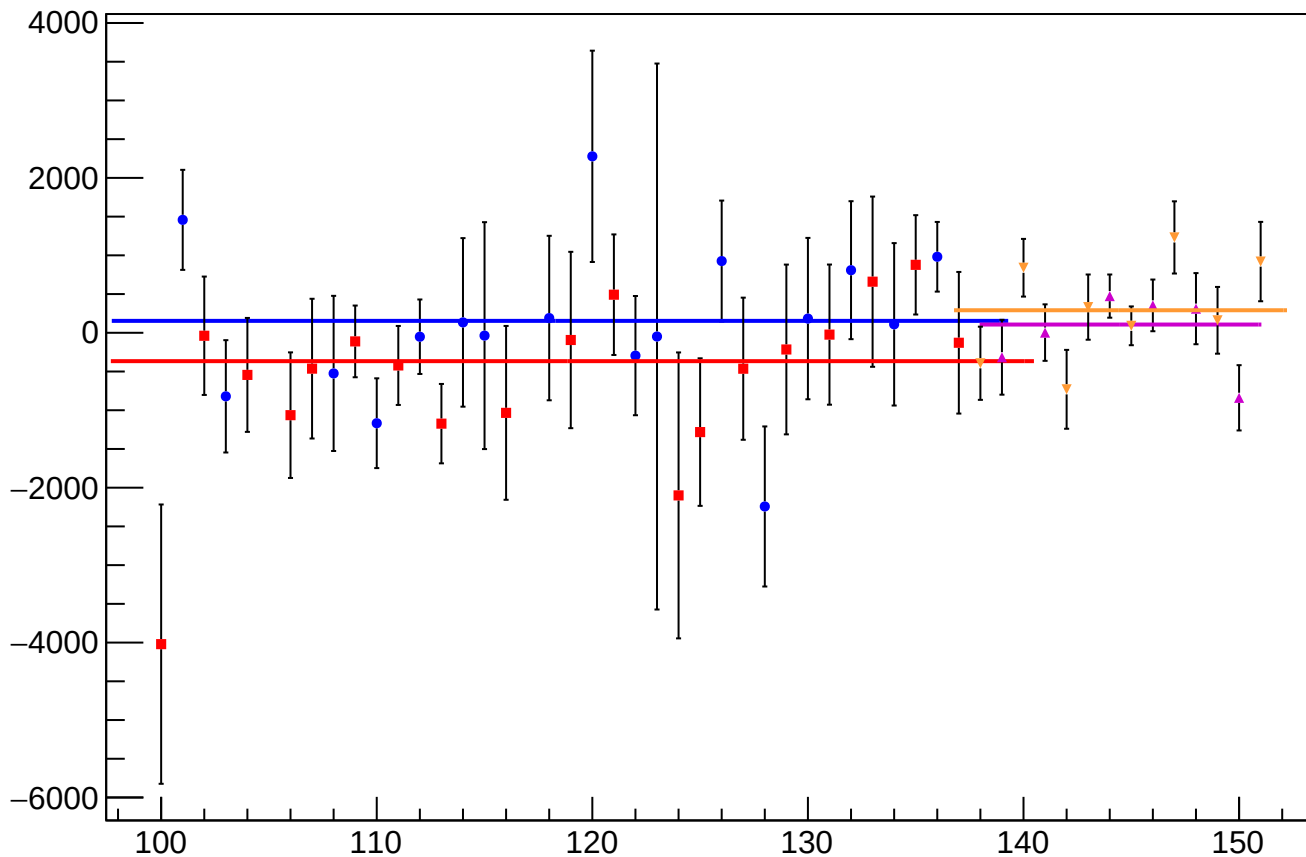
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 49.118+/-0.010 χ^2/NDF : 725052.5/22

Out: 47.918+/-0.010 χ^2/NDF : 734619.7/26

All: 48.471+/-0.007 χ^2/NDF : 1466805.2/49

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: 106.444 $\pm$ 150.738 χ^2 /NDF:8.4/5

Left: 205.419 $\pm$ 102.635 χ^2 /NDF: 23.8/13

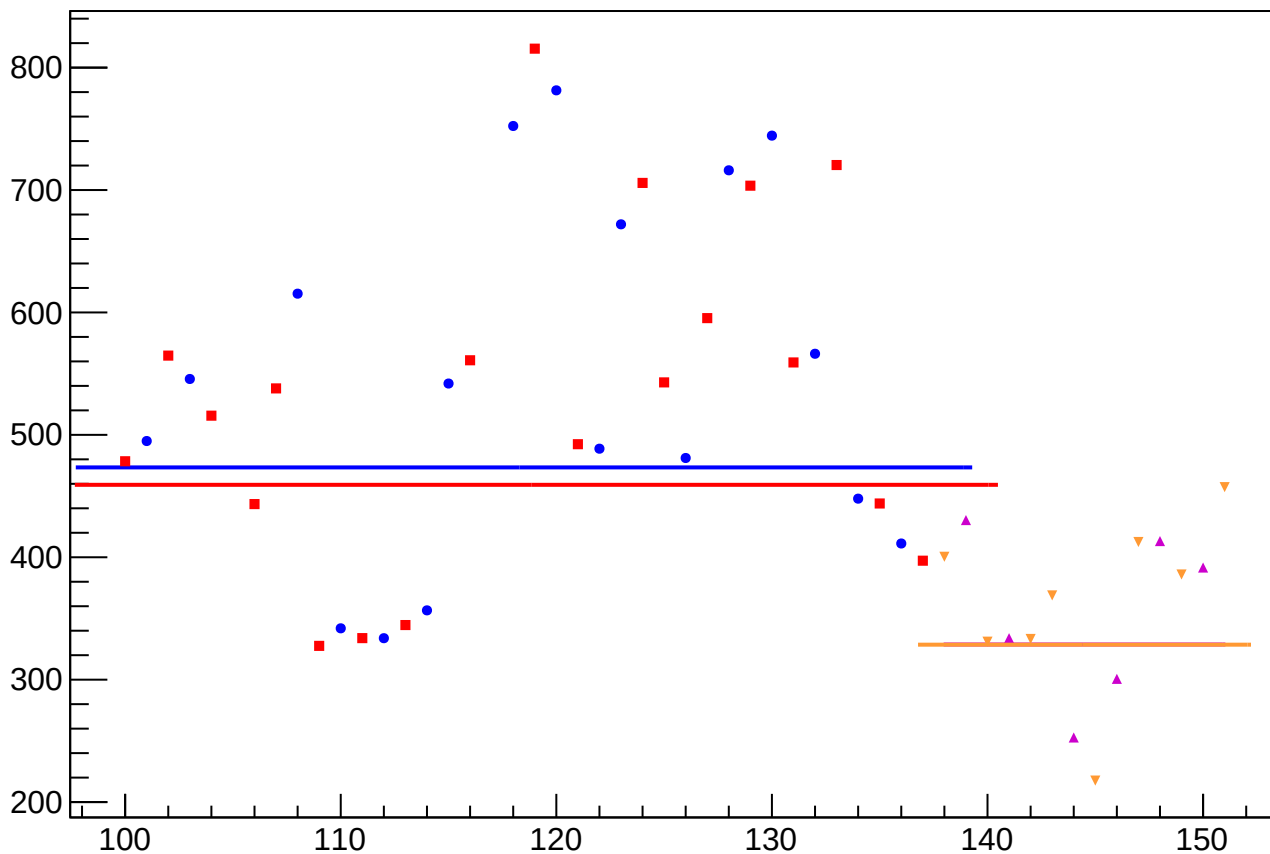
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 124.758 $\pm$ 118.079 χ^2 /NDF:33.2/22

Out: 41.048 $\pm$ 110.322 χ^2 /NDF:39.2/26

All: 80.063 $\pm$ 80.613 χ^2 /NDF: 72.6/49

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 328.591+/-0.099 χ^2/NDF : 683987.3/7

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 328.740+/-0.107 χ^2/NDF : 363619.2/5

Left: 328.660+/-0.073 χ^2/NDF : 1047607.5/13

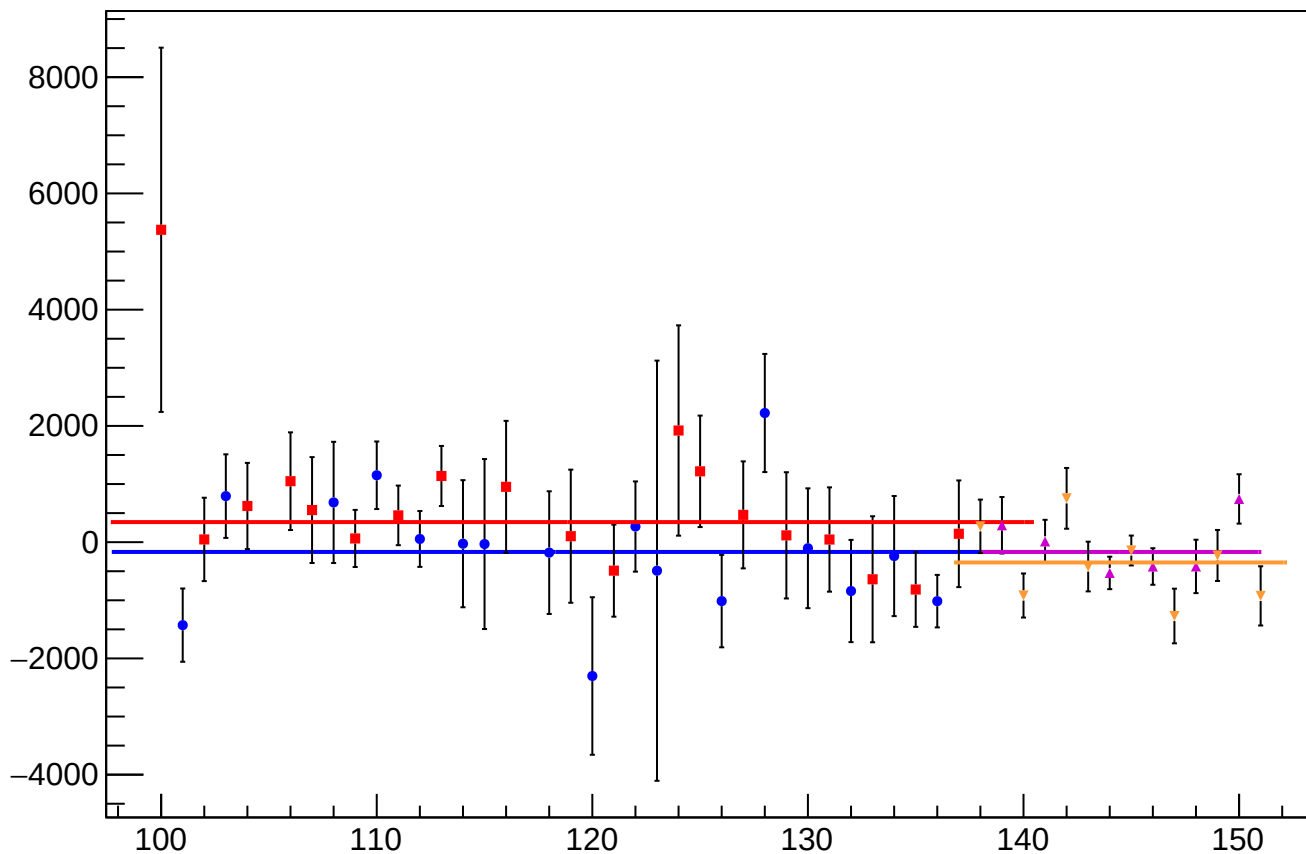
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 384.636+/-0.083 χ^2/NDF : 1990299.4/22

Out: 378.247+/-0.078 χ^2/NDF : 2350864.8/26

All: 381.225+/-0.057 χ^2/NDF : 4344289.9/49

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -349.198 $\pm$ 142.056 χ^2 /NDF:14.4/7

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -168.533 $\pm$ 149.550 χ^2 /NDF:8.3/5

Left: -263.505 $\pm$ 102.996 χ^2 /NDF: 23.5/13

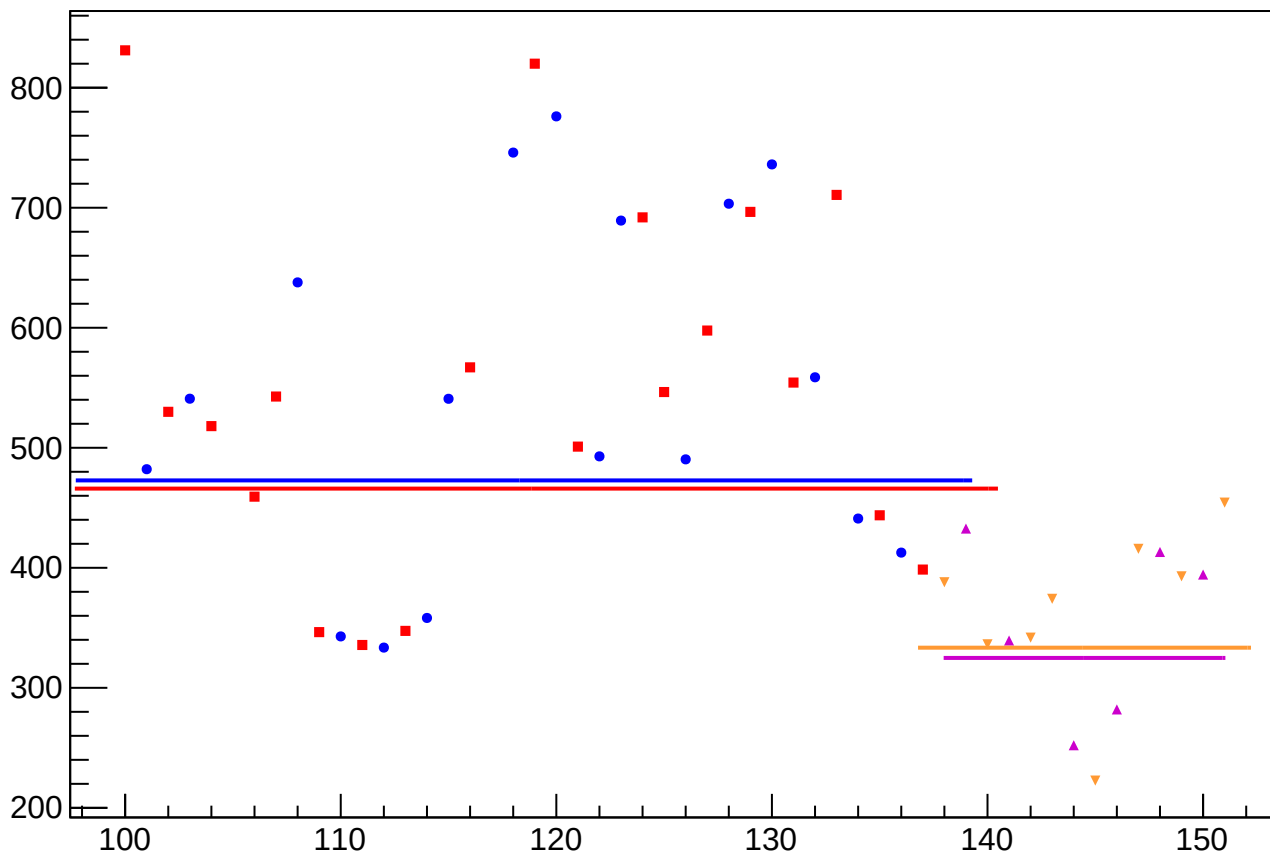
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -168.347 $\pm$ 117.457 χ^2 /NDF:33.8/22

Out: -84.863 $\pm$ 111.809 χ^2 /NDF:37.2/26

All: -124.550 $\pm$ 80.984 χ^2 /NDF: 71.2/49

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 333.445+/-0.100 χ^2/NDF : 629253.5/7

Right Out: 465.987+/-0.128 χ^2/NDF : 942033.1/18

Left In: 324.907+/-0.106 χ^2/NDF : 401782.9/5

Left: 329.396+/-0.073 χ^2/NDF : 1034463.1/13

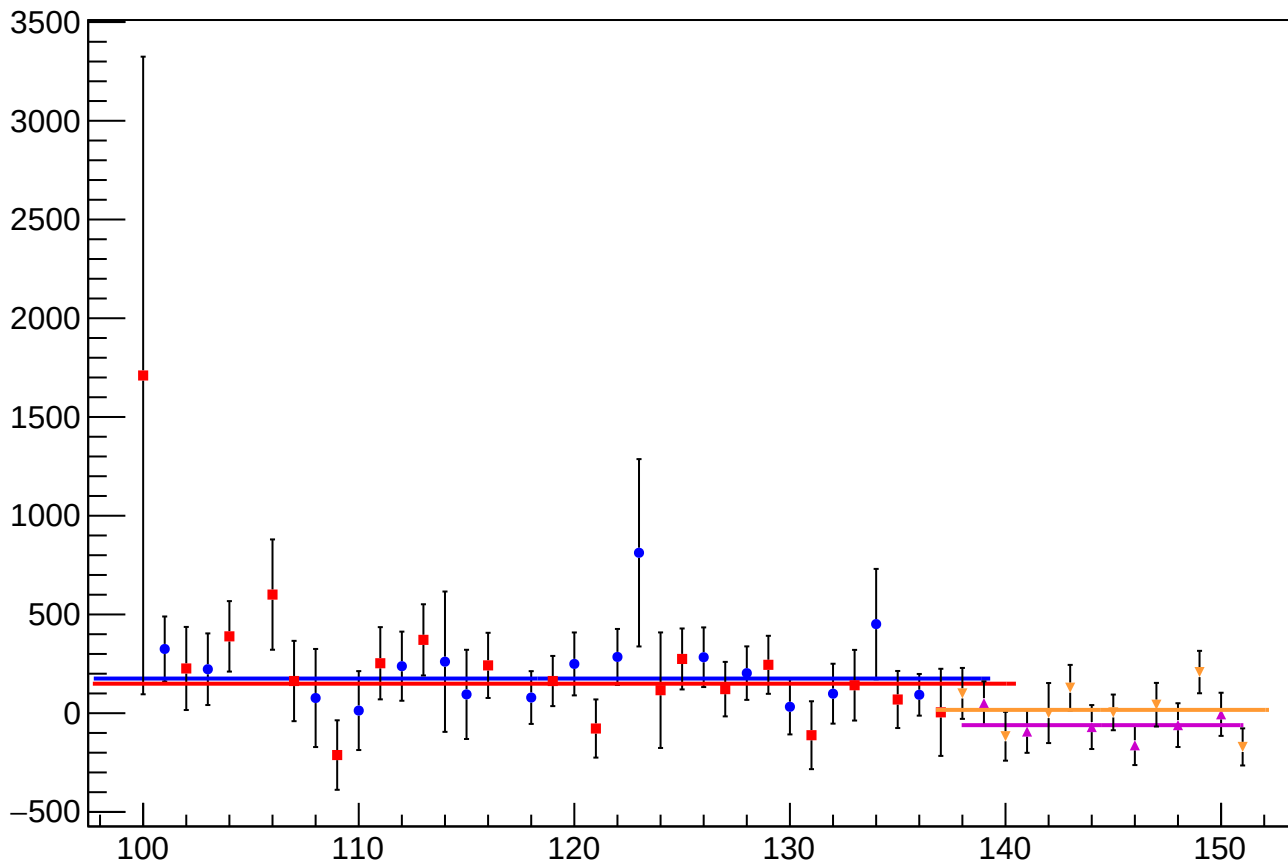
Right: 469.247+/-0.093 χ^2/NDF : 1839762.8/35

In: 381.578+/-0.083 χ^2/NDF : 2047748.4/22

Out: 383.879+/-0.079 χ^2/NDF : 2233782.5/26

All: 382.785+/-0.057 χ^2/NDF : 4281933.4/49

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 16.783 $\pm$ 39.278 χ^2 /NDF:9.8/7

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -60.534 $\pm$ 44.111 χ^2 /NDF:2.4/5

Left: -17.409 $\pm$ 29.334 χ^2 /NDF: 13.9/13

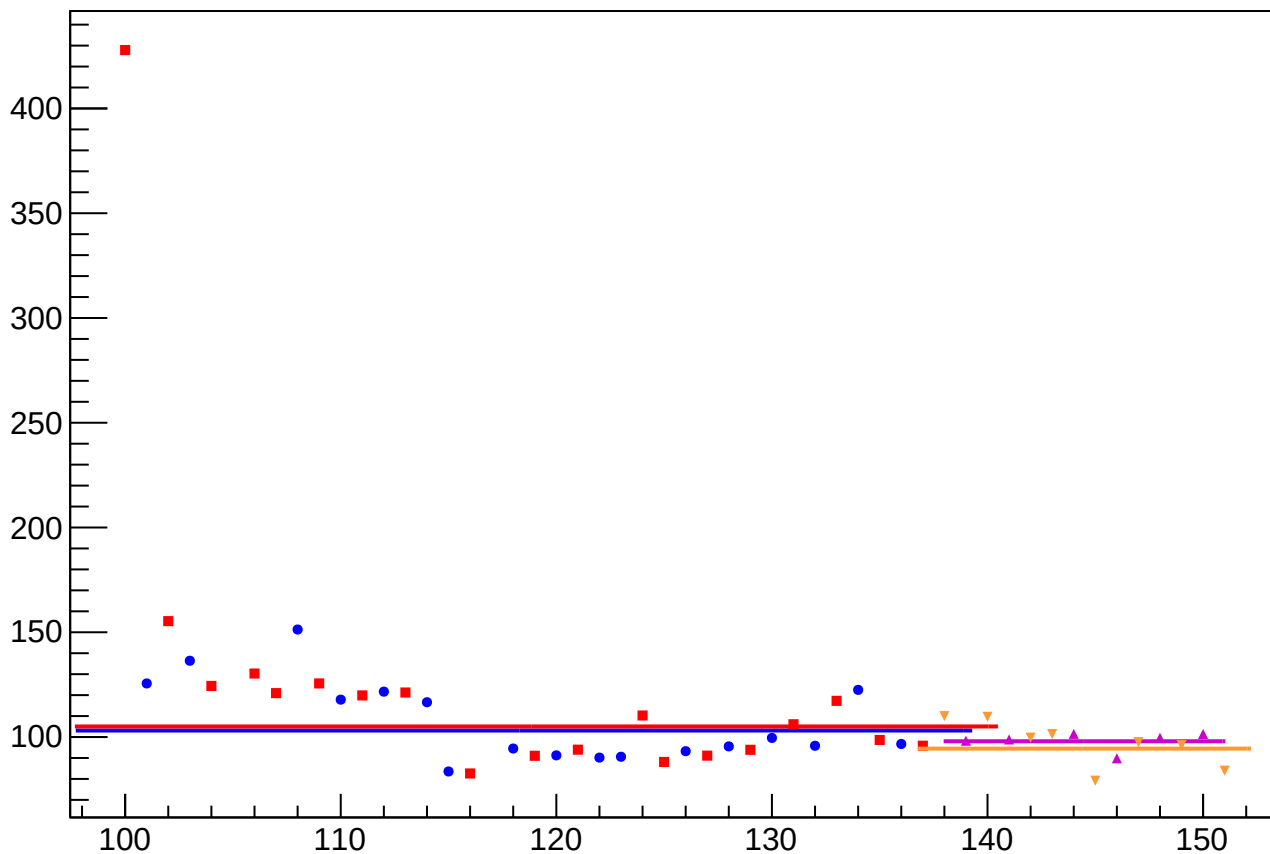
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 67.932 $\pm$ 29.776 χ^2 /NDF:26.6/22

Out: 81.366 $\pm$ 28.135 χ^2 /NDF:33.8/26

All: 75.030 $\pm$ 20.450 χ^2 /NDF: 60.4/49

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: 97.978 $\pm$ 0.031 χ^2 /NDF:17807.6/5

Left: 96.019 $\pm$ 0.021 χ^2 /NDF: 178021.3/13

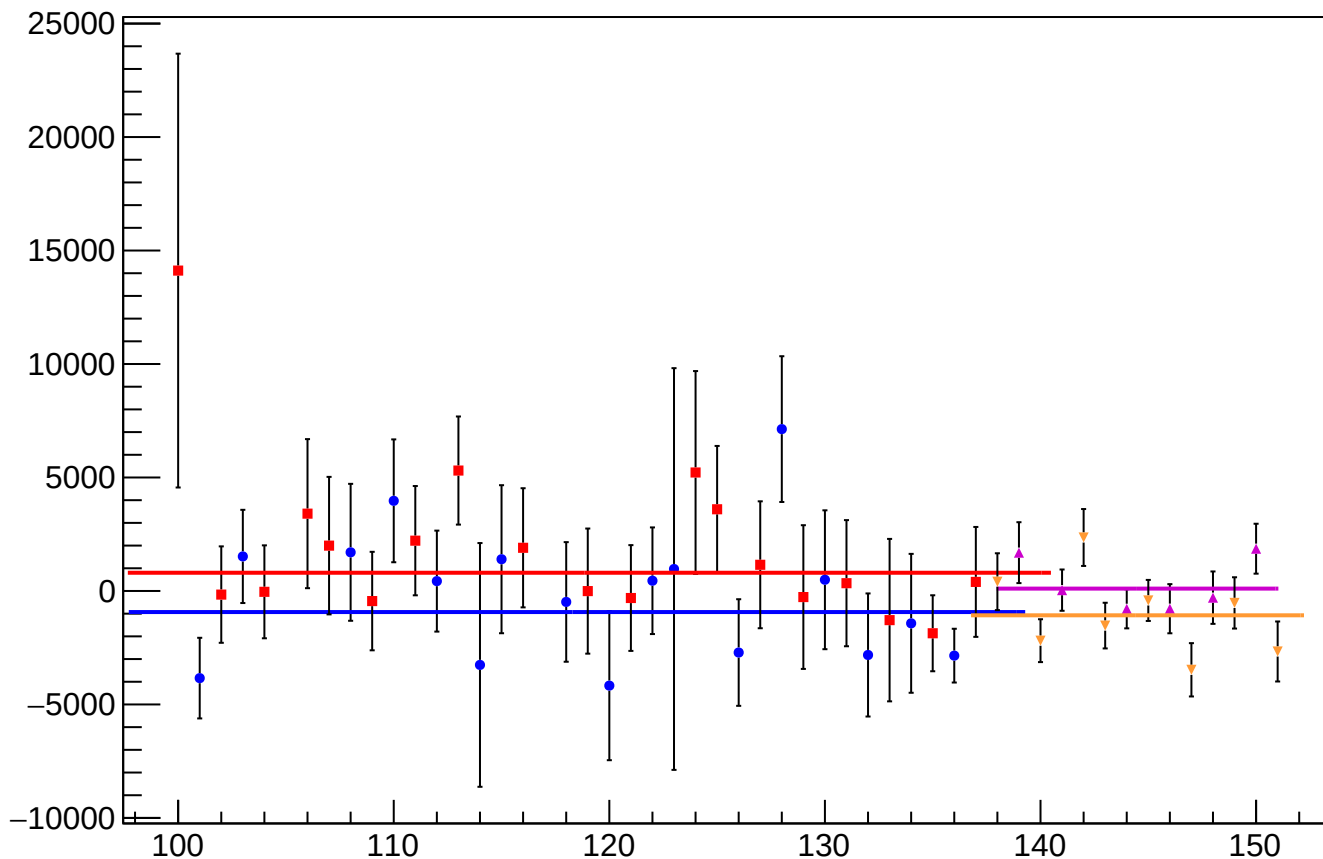
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 100.773 $\pm$ 0.021 χ^2 /NDF:338996.0/22

Out: 99.618 $\pm$ 0.020 χ^2 /NDF:672490.6/26

All: 100.162 $\pm$ 0.014 χ^2 /NDF: 1013076.7/49

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: 104.113+/-424.818 χ^2/NDF : 5.8/5

Left: -539.129+/-285.981 χ^2/NDF : 26.9/13

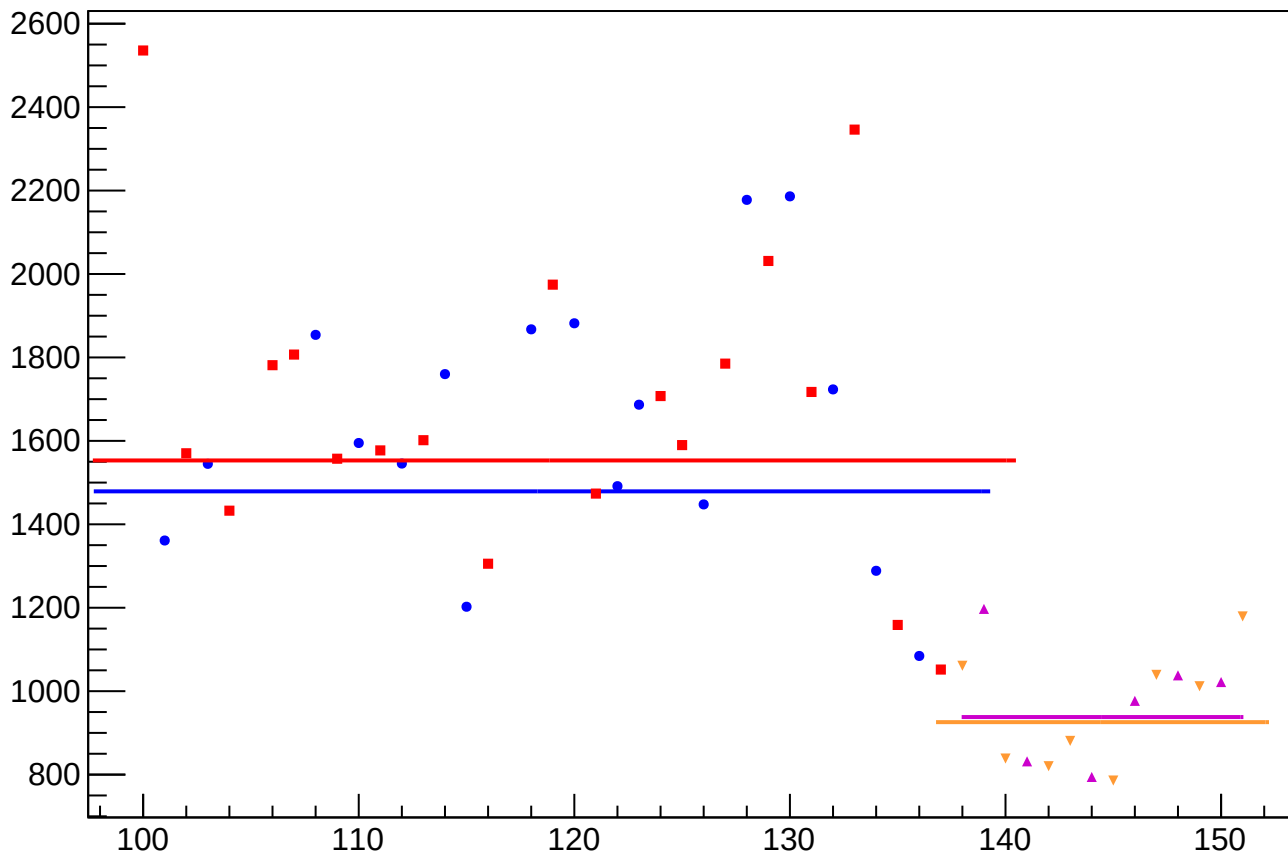
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -250.998+/-344.141 χ^2/NDF : 28.7/22

Out: -513.757+/-324.066 χ^2/NDF : 36.8/26

All: -390.265+/-235.927 χ^2/NDF : 65.8/49

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: 937.985+/-0.300 χ^2/NDF : 186654.5/5

Left: 931.310+/-0.202 χ^2/NDF : 397753.1/13

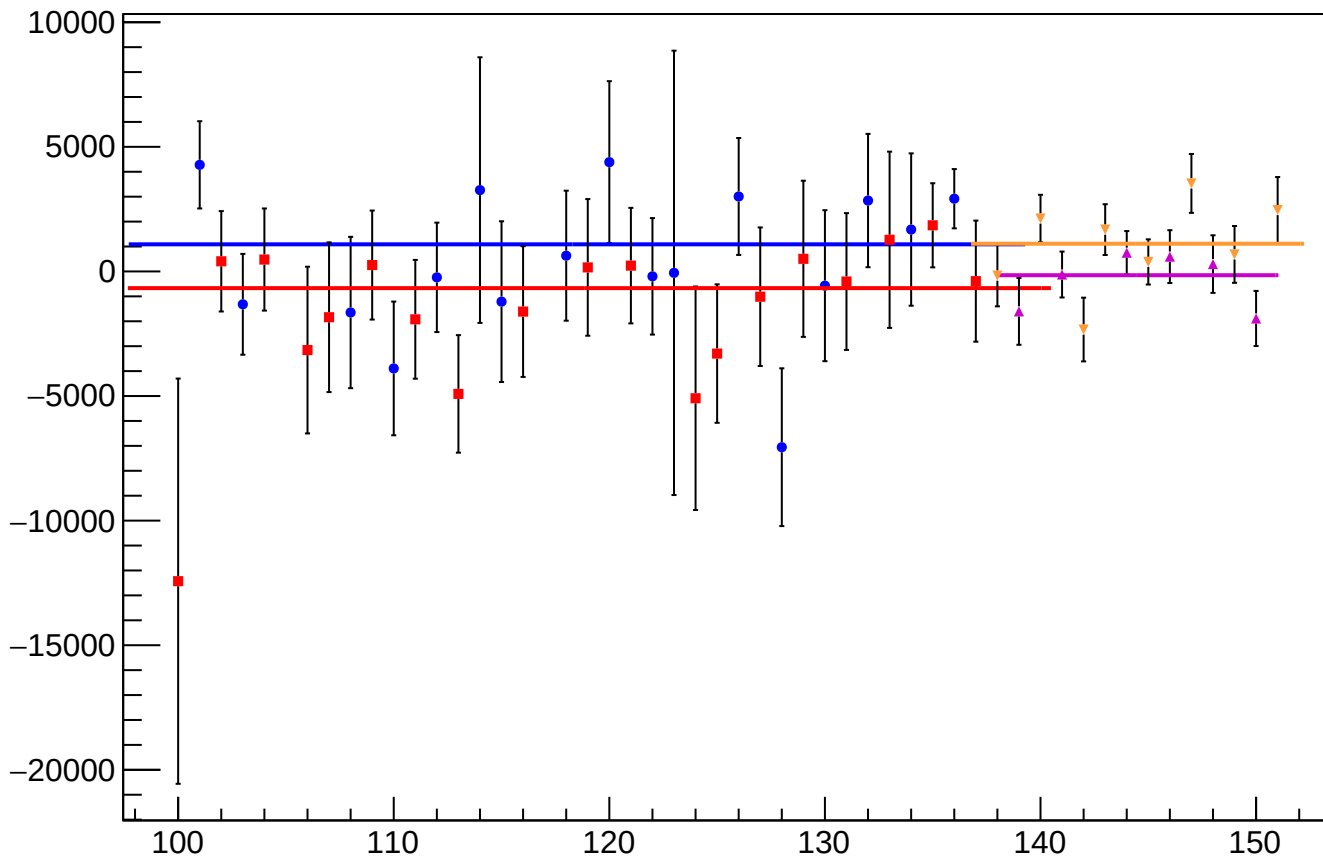
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1123.957+/-0.243 χ^2/NDF : 1891270.3/22

Out: 1112.607+/-0.229 χ^2/NDF : 2261170.1/26

All: 1117.941+/-0.167 χ^2/NDF : 4153593.5/49

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: -151.681 $\pm$ 425.783 χ^2/NDF : 5.4/5

Left: 537.088 $\pm$ 287.182 χ^2/NDF : 26.0/13

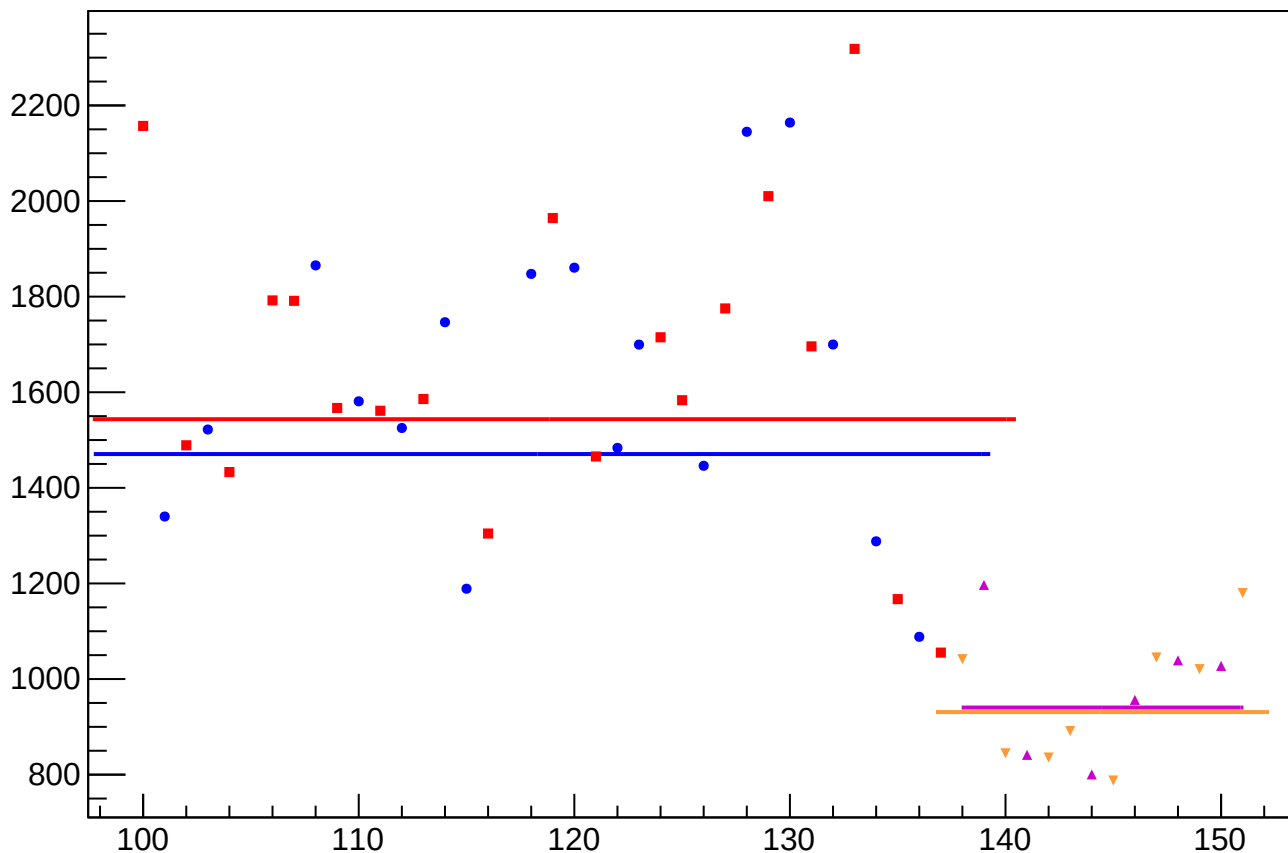
Right: 218.892 $\pm$ 414.810 χ^2/NDF : 38.4/35

In: 279.219 $\pm$ 343.912 χ^2/NDF : 30.1/22

Out: 571.995 $\pm$ 324.751 χ^2/NDF : 34.2/26

All: 433.990 $\pm$ 236.117 χ^2/NDF : 64.7/49

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: 940.377 $\pm$ 0.301 χ^2/NDF :175550.6/5

Left: 935.236 $\pm$ 0.203 χ^2/NDF : 374477.8/13

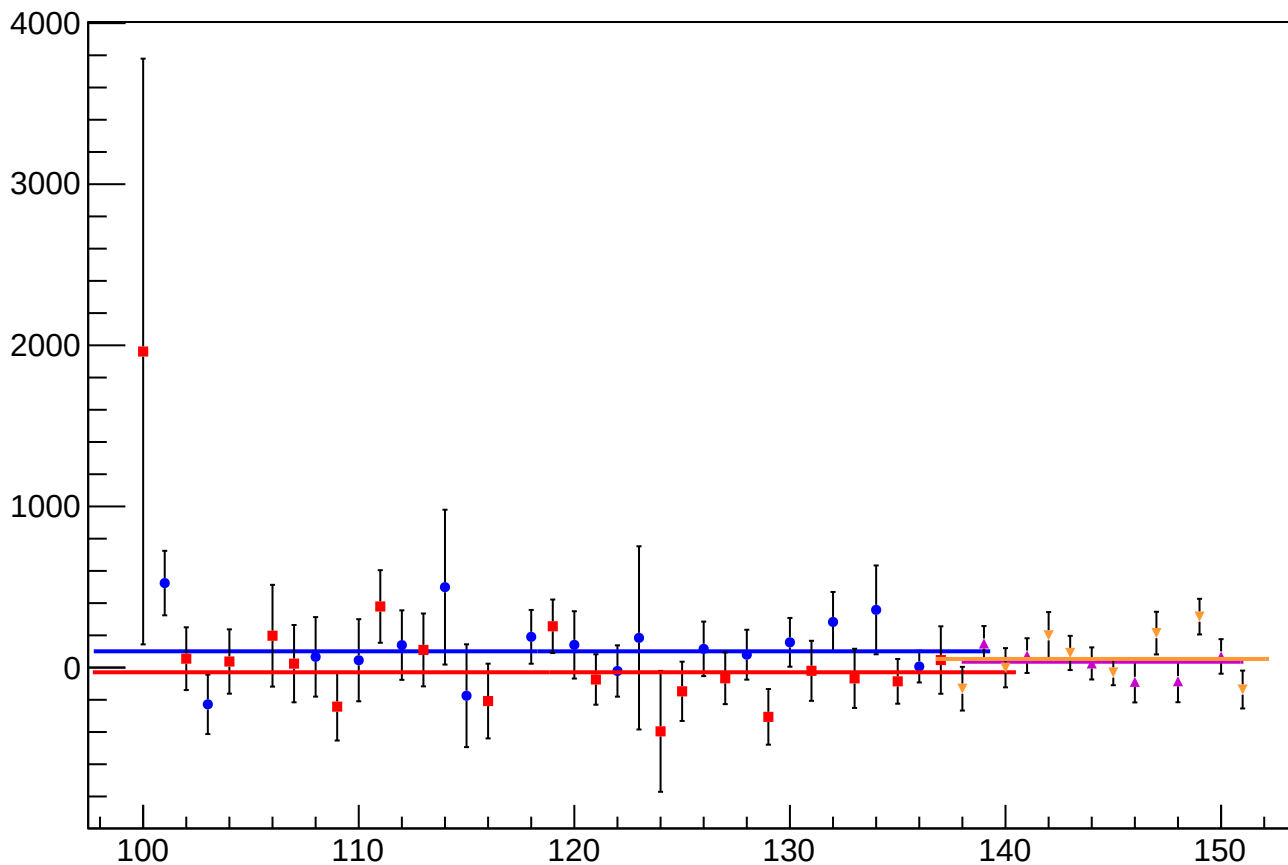
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1124.708 $\pm$ 0.243 χ^2/NDF :1821673.6/22

Out: 1116.563 $\pm$ 0.230 χ^2/NDF :2155793.2/26

All: 1120.402 $\pm$ 0.167 χ^2/NDF : 3978059.8/49

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: 36.180 $\pm$ 45.655 χ^2 /NDF:3.1/5

Left: 46.021 $\pm$ 30.012 χ^2 /NDF: 17.3/13

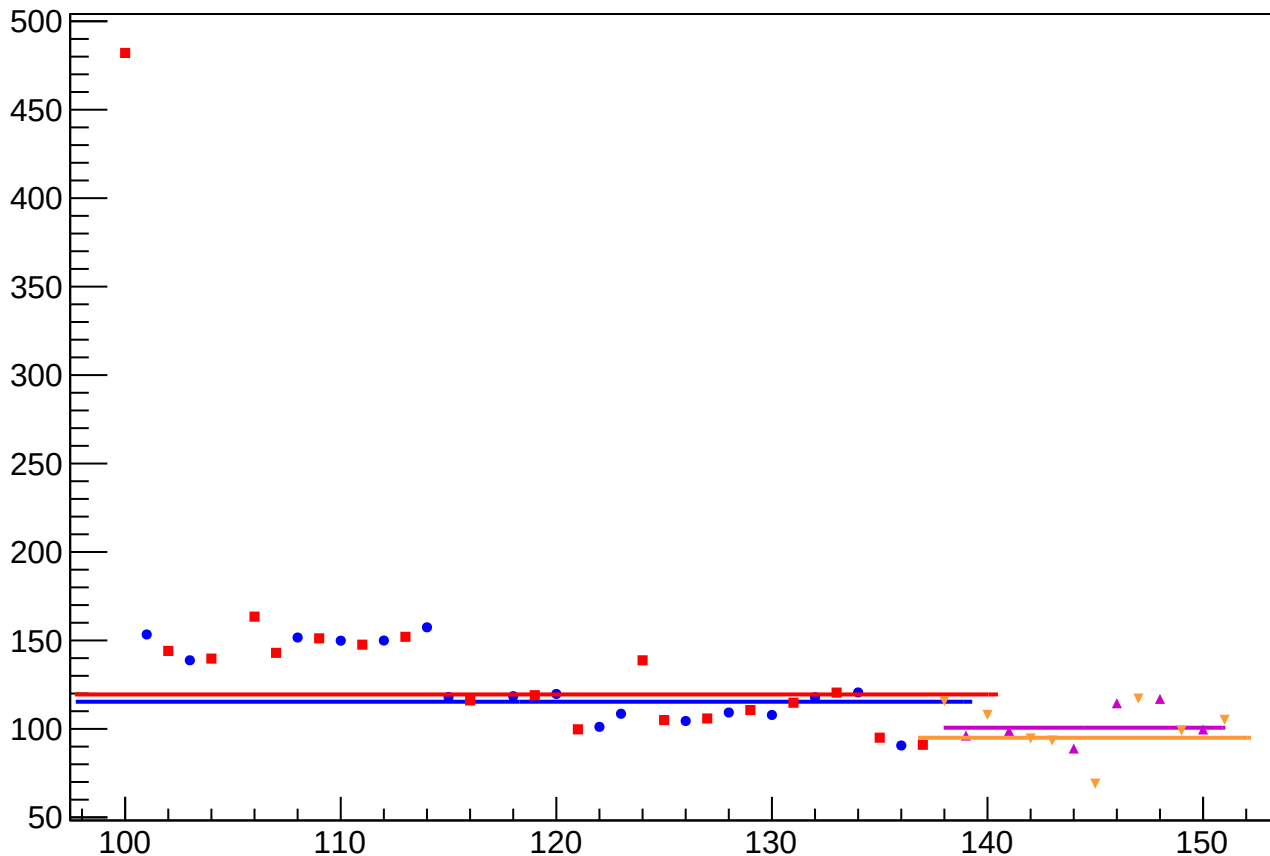
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 68.814 $\pm$ 32.151 χ^2 /NDF:17.2/22

Out: 17.825 $\pm$ 30.023 χ^2 /NDF:30.6/26

All: 41.576 $\pm$ 21.943 χ^2 /NDF: 49.2/49

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: 100.675 $\pm$ 0.032 χ^2 /NDF:86887.8/5

Left: 97.454 $\pm$ 0.021 χ^2 /NDF: 464199.5/13

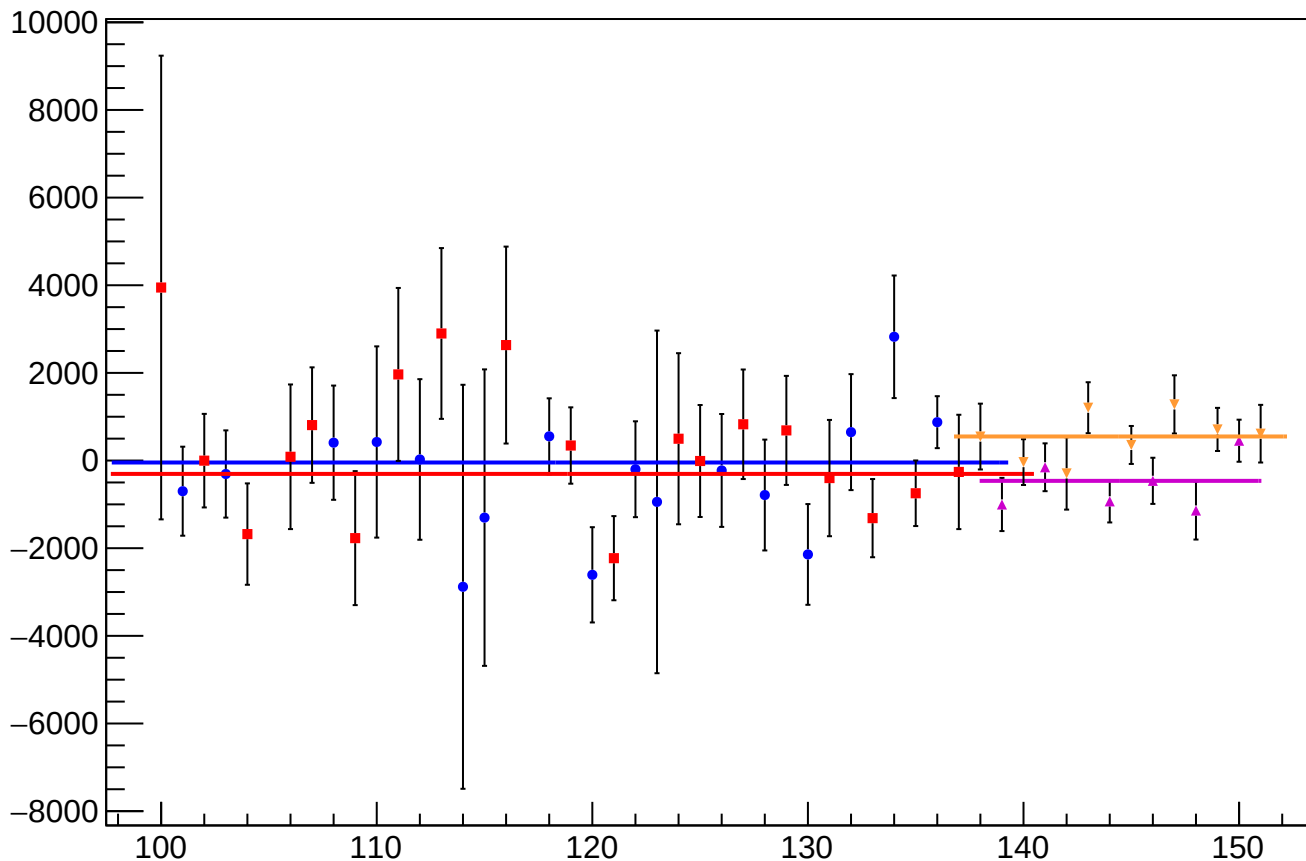
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 108.081 $\pm$ 0.023 χ^2 /NDF:602643.0/22

Out: 105.575 $\pm$ 0.021 χ^2 /NDF:1164196.2/26

All: 106.742 $\pm$ 0.016 χ^2 /NDF: 1773330.8/49

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 549.277 ± 204.578 $\chi^2/\text{NDF}: 5.1/7$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -463.458 ± 220.245 $\chi^2/\text{NDF}: 6.7/5$

Left: 80.205 ± 149.892 $\chi^2/\text{NDF}: 23.2/13$

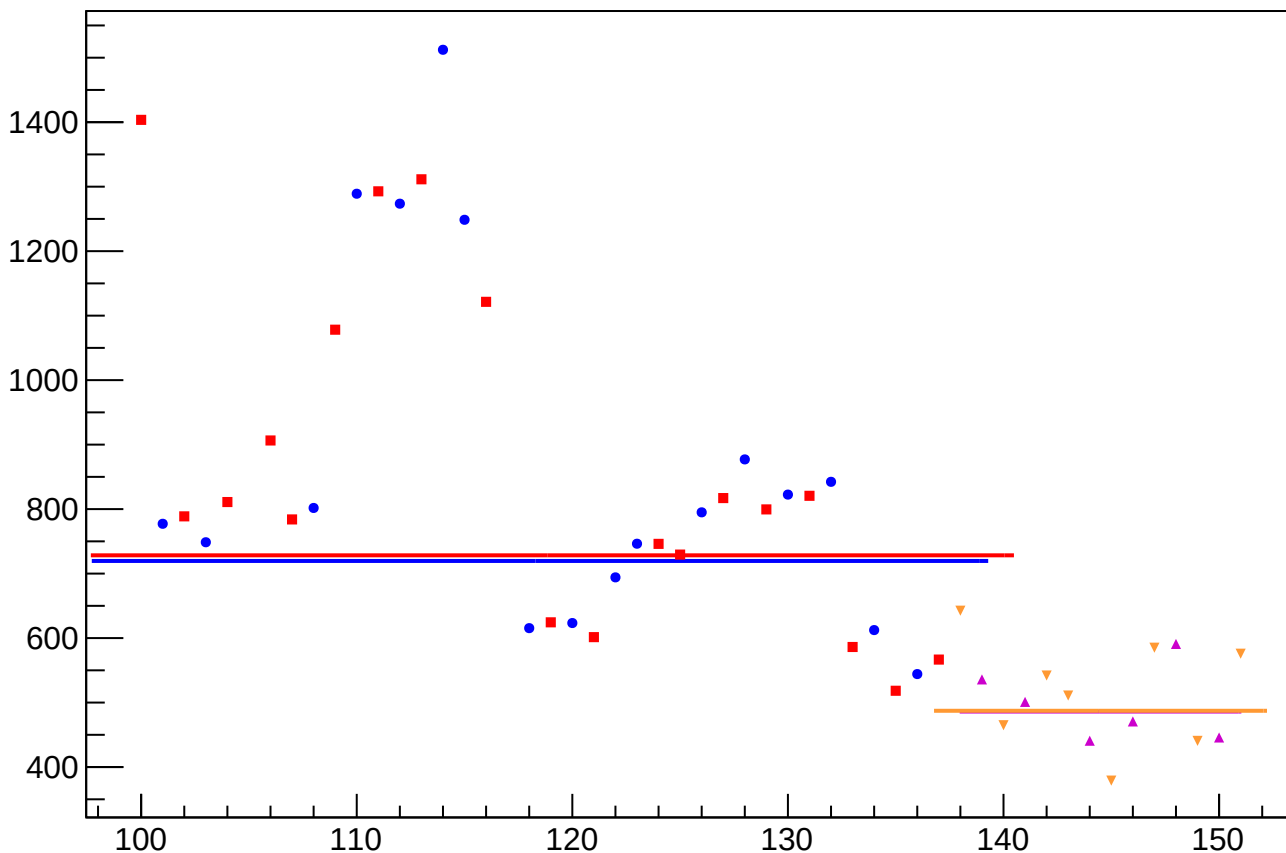
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -307.708 ± 174.564 $\chi^2/\text{NDF}: 25.9/22$

Out: 255.747 ± 165.736 $\chi^2/\text{NDF}: 28.5/26$

All: -11.374 ± 120.193 $\chi^2/\text{NDF}: 60.0/49$

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: 486.073 $\pm$ 0.156 χ^2 /NDF:98543.6/5

Left: 486.717 $\pm$ 0.106 χ^2 /NDF: 422175.0/13

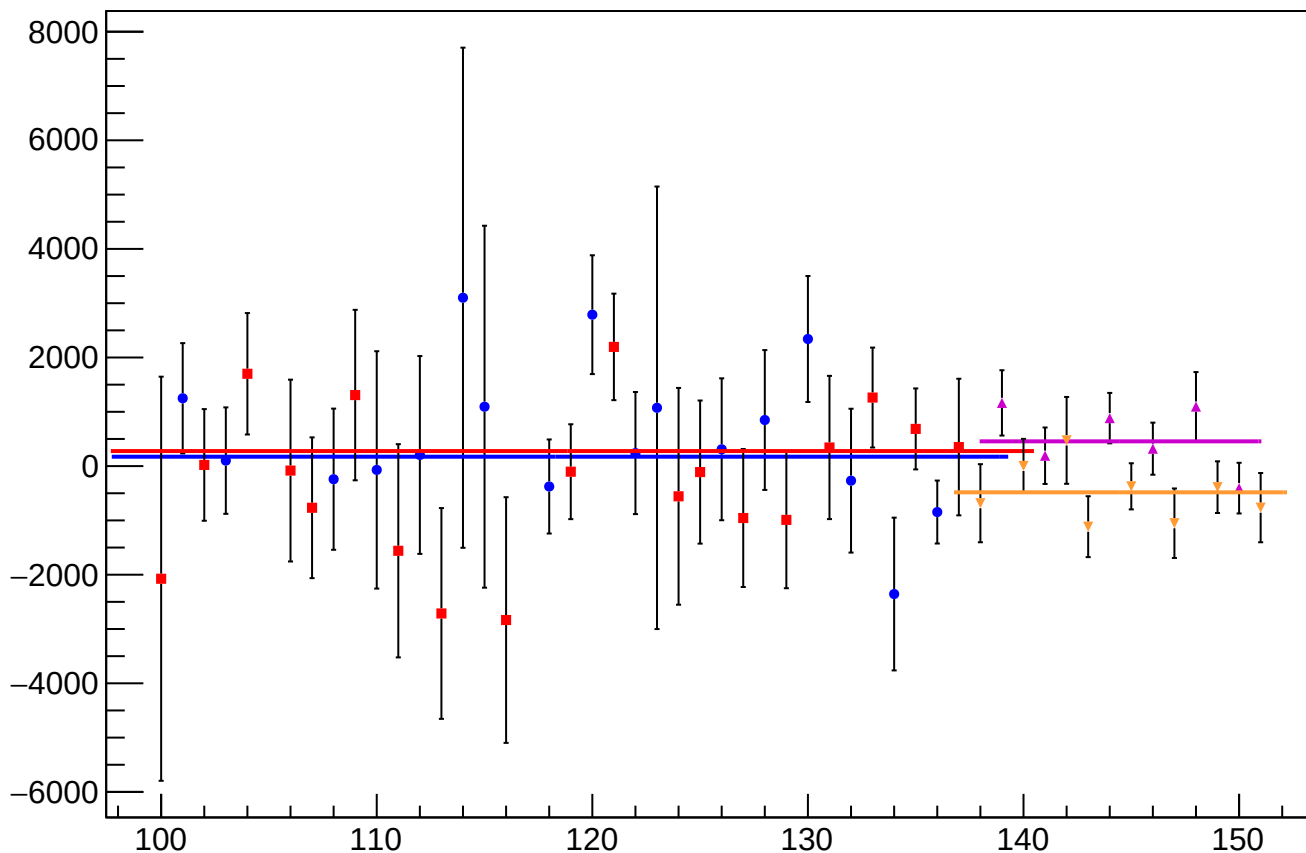
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 572.901 $\pm$ 0.123 χ^2 /NDF:1681532.1/22

Out: 570.120 $\pm$ 0.117 χ^2 /NDF:2191622.7/26

All: 571.439 $\pm$ 0.085 χ^2 /NDF: 3873421.7/49

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: 456.105 $\pm$ 210.707 χ^2/NDF : 7.0/5

Left: -43.048 $\pm$ 144.192 χ^2/NDF : 22.4/13

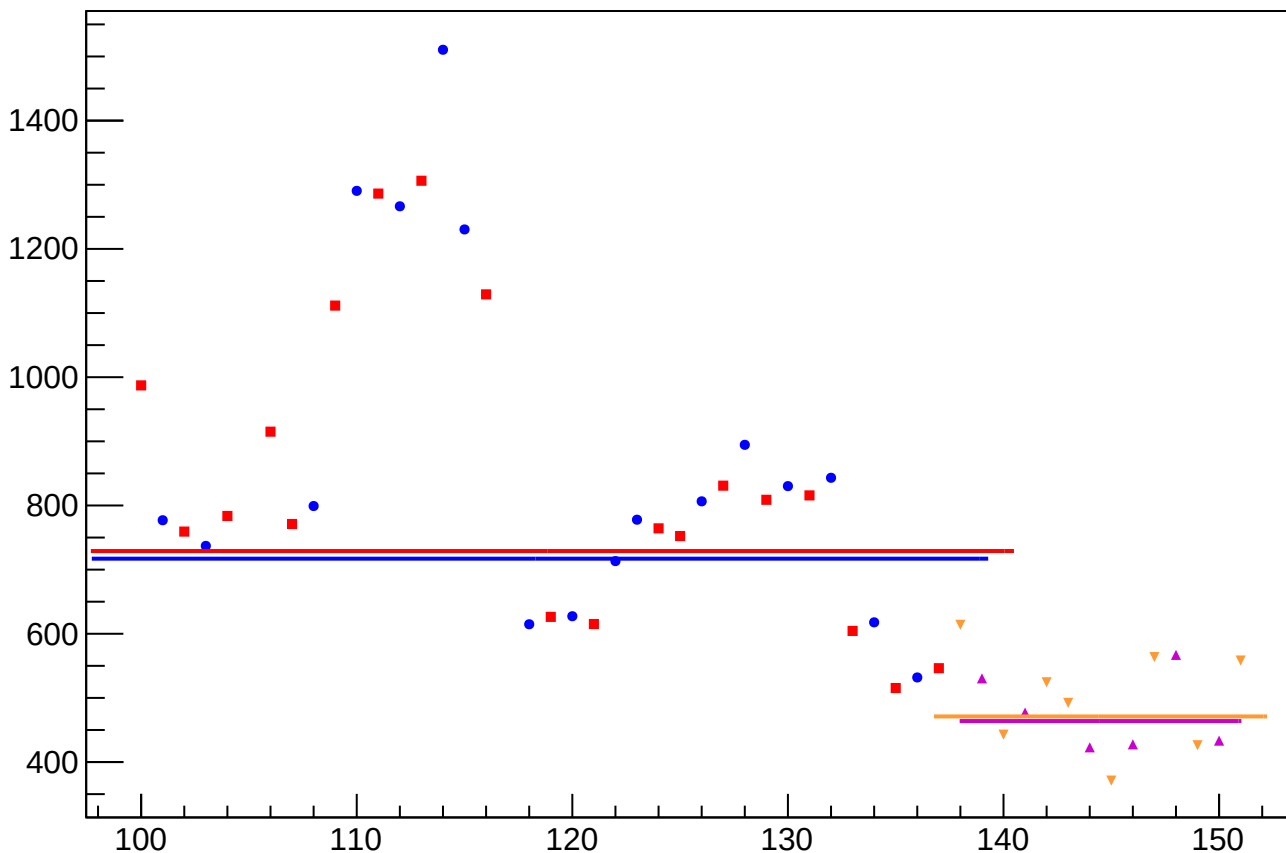
Right: 225.702 $\pm$ 200.951 χ^2/NDF : 34.2/35

In: 356.419 $\pm$ 169.571 χ^2/NDF : 25.7/22

Out: -233.082 $\pm$ 162.044 χ^2/NDF : 25.7/26

All: 48.295 $\pm$ 117.153 χ^2/NDF : 57.8/49

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 471.121+/-0.140 χ^2/NDF : 305090.2/7

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 463.937+/-0.149 χ^2/NDF : 114011.7/5

Left: 467.756+/-0.102 χ^2/NDF : 420338.0/13

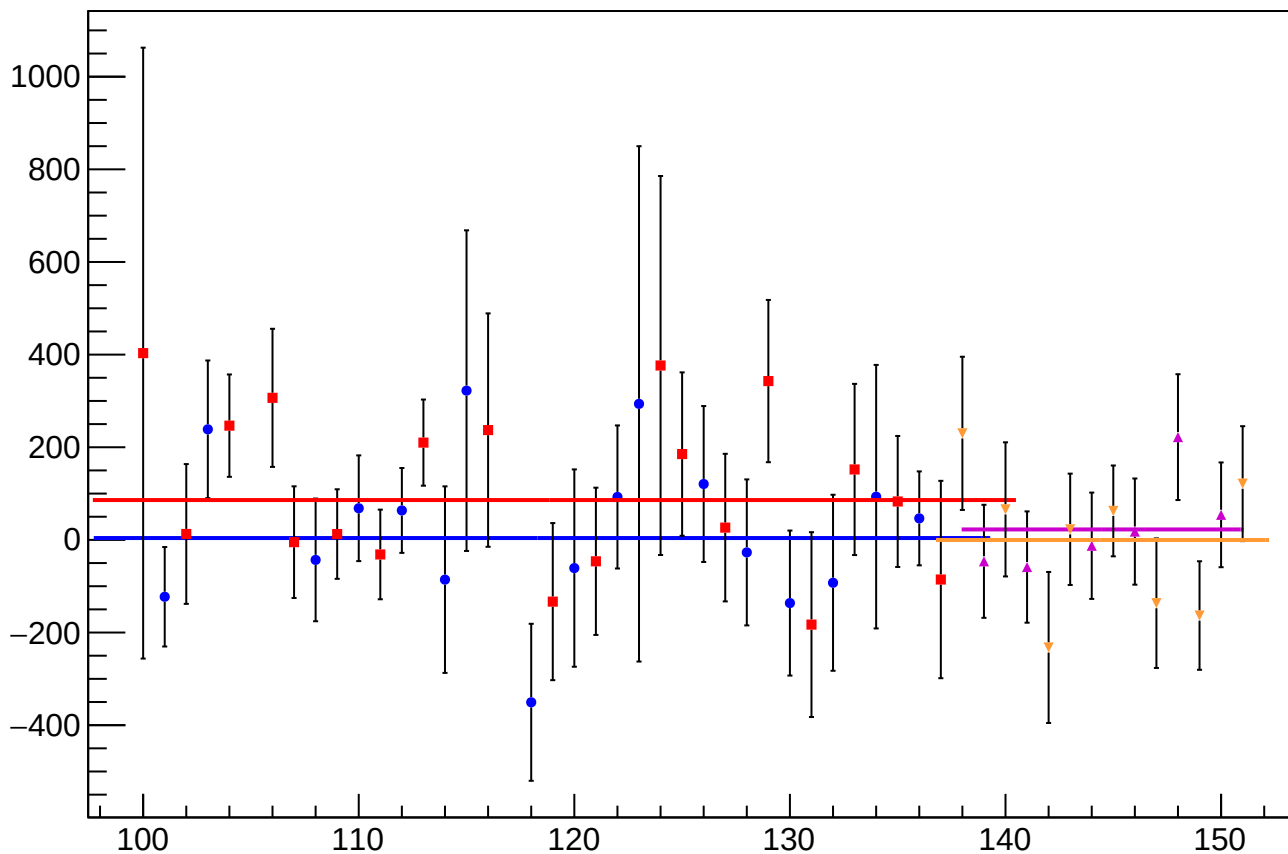
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 553.131+/-0.120 χ^2/NDF : 1913602.7/22

Out: 555.830+/-0.115 χ^2/NDF : 2313046.8/26

All: 554.542+/-0.083 χ^2/NDF : 4226914.4/49

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: 22.578 ± 48.744 $\chi^2/\text{NDF}: 3.1/5$

Left: 10.409 ± 33.240 $\chi^2/\text{NDF}: 11.7/13$

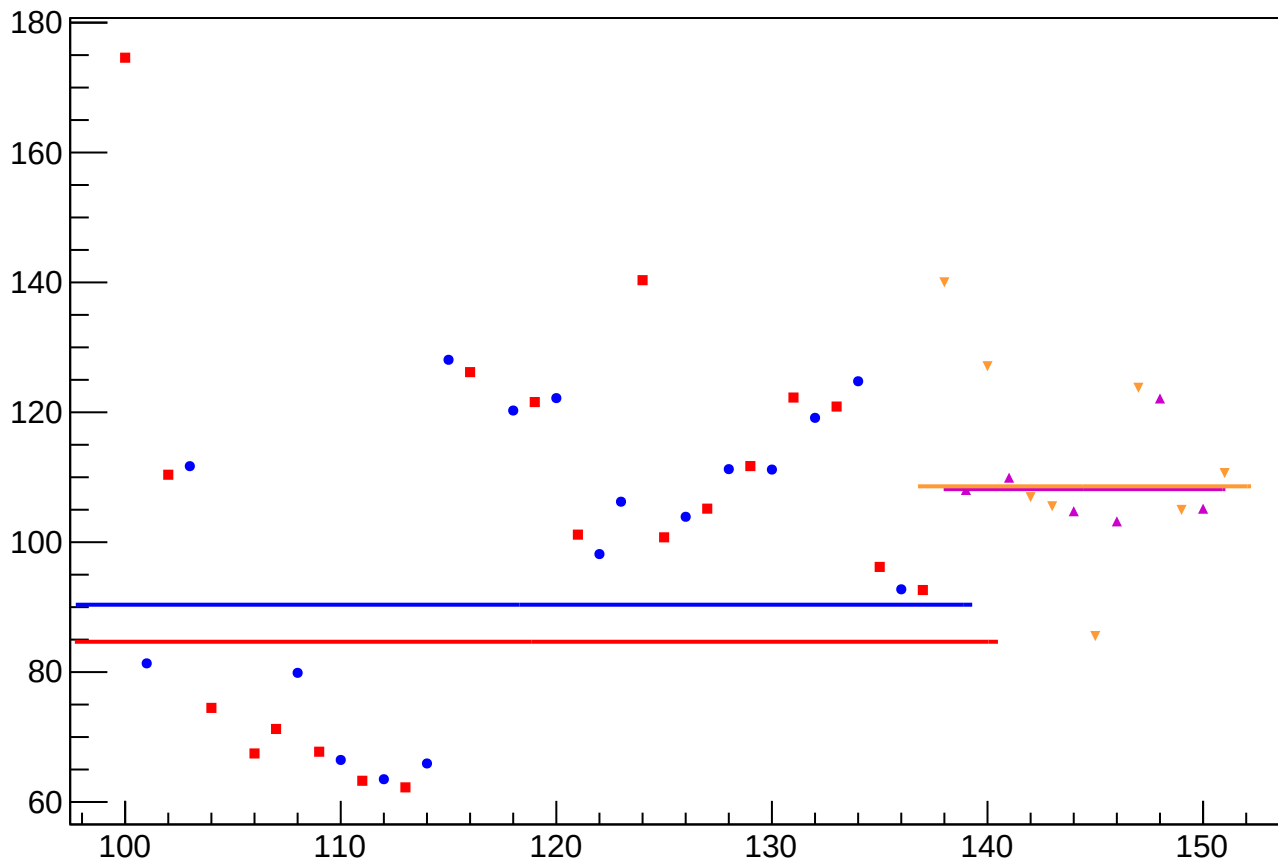
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 10.553 ± 28.932 $\chi^2/\text{NDF}: 15.9/22$

Out: 55.829 ± 26.898 $\chi^2/\text{NDF}: 28.4/26$

All: 34.838 ± 19.700 $\chi^2/\text{NDF}: 45.6/49$

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: 108.171+/-0.034 χ^2/NDF : 28491.5/5

Left: 108.403+/-0.024 χ^2/NDF : 271448.9/13

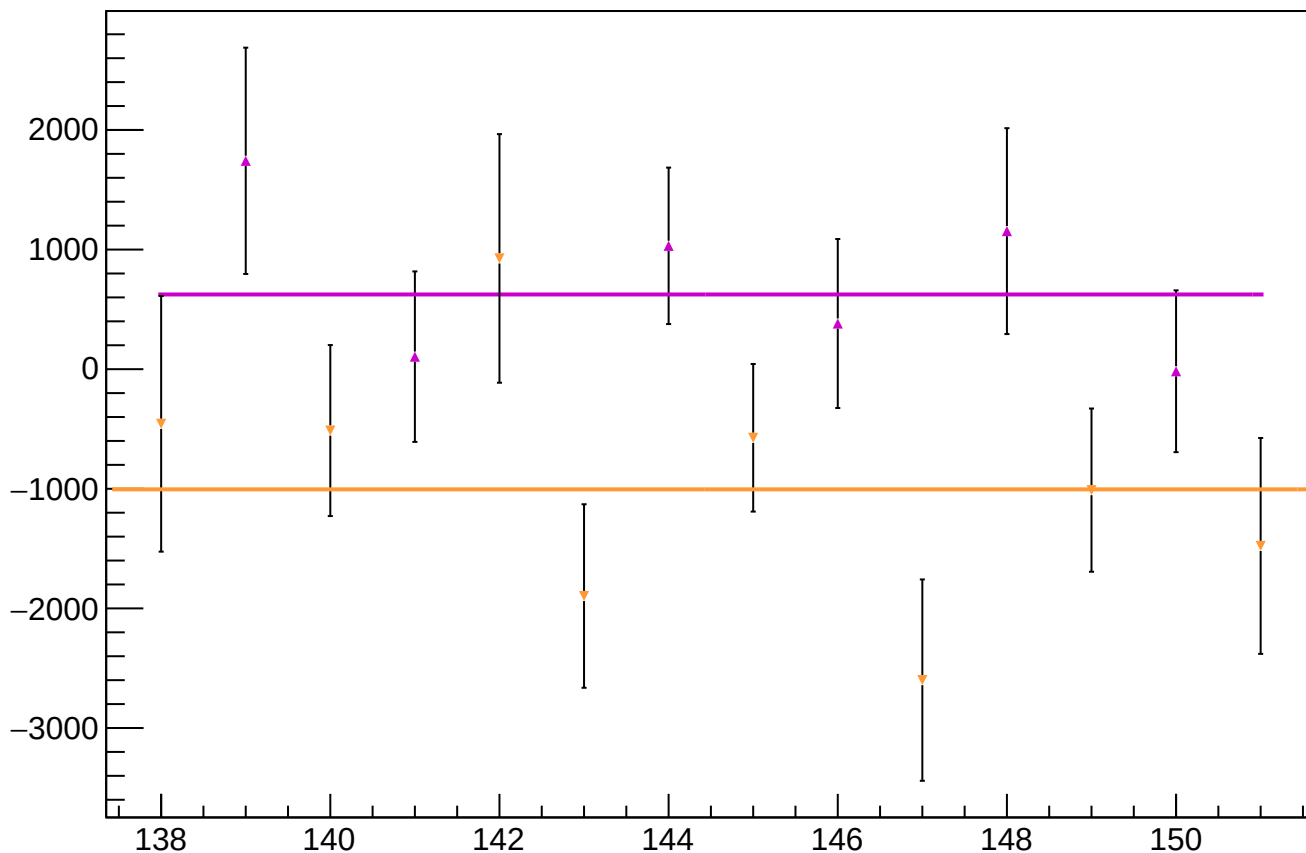
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 96.645+/-0.020 χ^2/NDF : 855296.8/22

Out: 93.055+/-0.019 χ^2/NDF : 1511288.1/26

All: 94.720+/-0.014 χ^2/NDF : 2383097.4/49

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: 624.706+/-302.010 χ^2/NDF :3.7/5

Left: -255.190+/-204.830 χ^2/NDF : 29.3/13

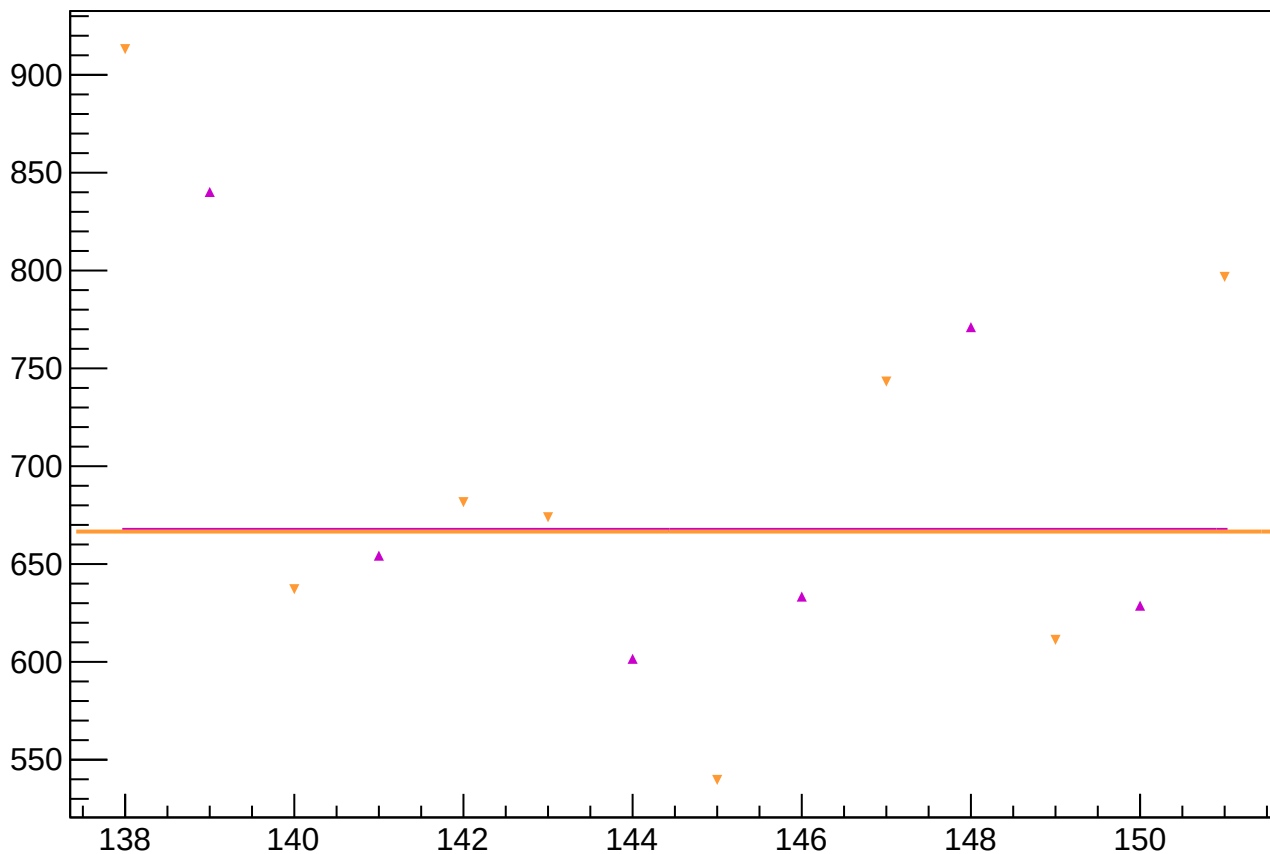
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 624.706+/-302.010 χ^2/NDF :3.7/5

Out: -1004.686+/-278.735 χ^2/NDF :9.9/7

All: -255.190+/-204.830 χ^2/NDF : 29.3/13

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: 667.456+/-0.214 χ^2/NDF :127834.7/5

Left: 666.996+/-0.145 χ^2/NDF : 394243.4/13

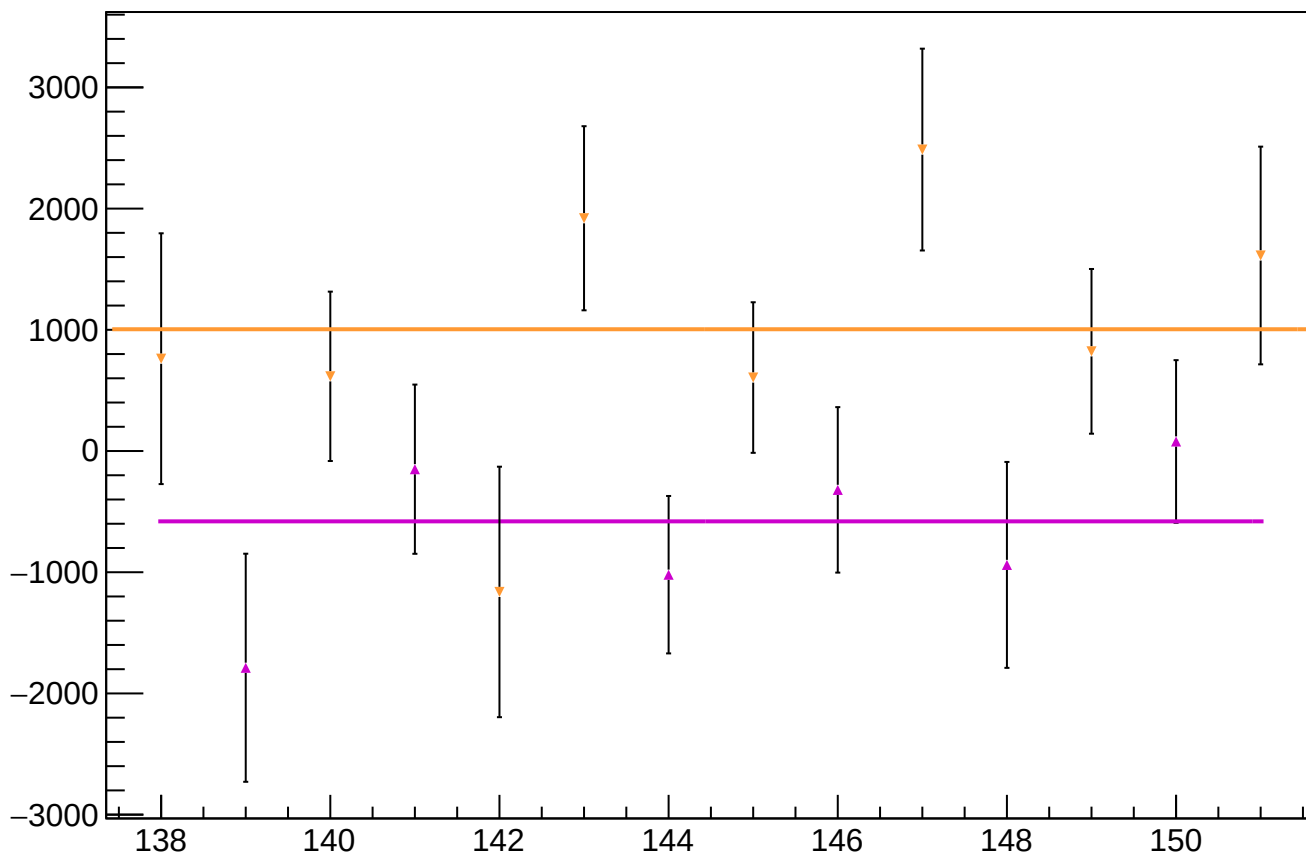
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 667.456+/-0.214 χ^2/NDF :127834.7/5

Out: 666.604+/-0.197 χ^2/NDF :266400.1/7

All: 666.996+/-0.145 χ^2/NDF : 394243.4/13

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: -580.301+/-297.393 χ^2/NDF :3.8/5

Left: 270.218+/-202.443 χ^2/NDF : 29.3/13

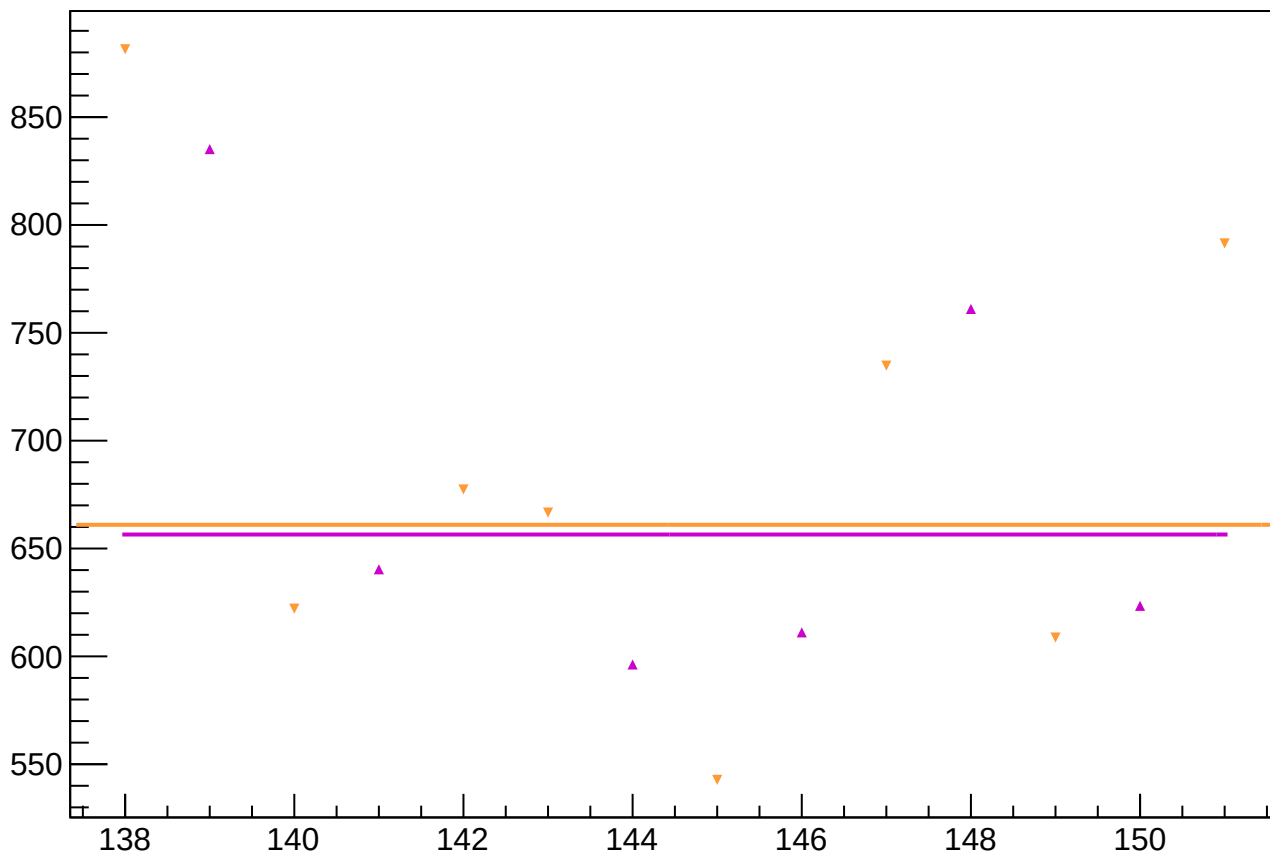
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -580.301+/-297.393 χ^2/NDF :3.8/5

Out: 1004.678+/-276.359 χ^2/NDF :10.3/7

All: 270.218+/-202.443 χ^2/NDF : 29.3/13

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: 656.494+/-0.210 χ^2/NDF :134413.8/5

Left: 658.913+/-0.143 χ^2/NDF : 374532.3/13

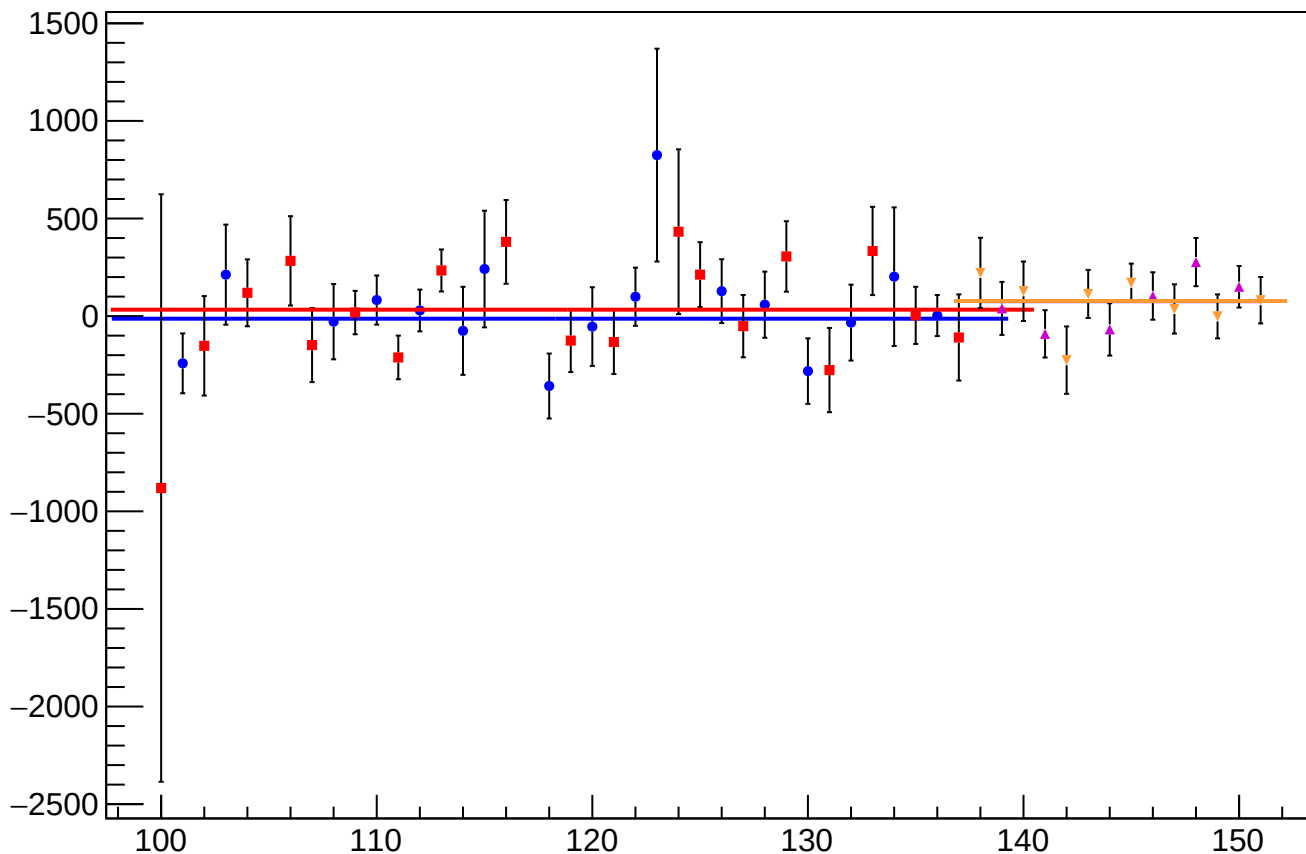
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 656.494+/-0.210 χ^2/NDF :134413.8/5

Out: 661.002+/-0.195 χ^2/NDF :239871.9/7

All: 658.913+/-0.143 χ^2/NDF : 374532.3/13

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 77.462 ± 45.208 $\chi^2/\text{NDF}: 5.4/7$

Right Out: 33.027 ± 38.878 $\chi^2/\text{NDF}: 25.1/18$

Left In: 76.638 ± 50.051 $\chi^2/\text{NDF}: 6.3/5$

Left: 77.092 ± 33.549 $\chi^2/\text{NDF}: 11.7/13$

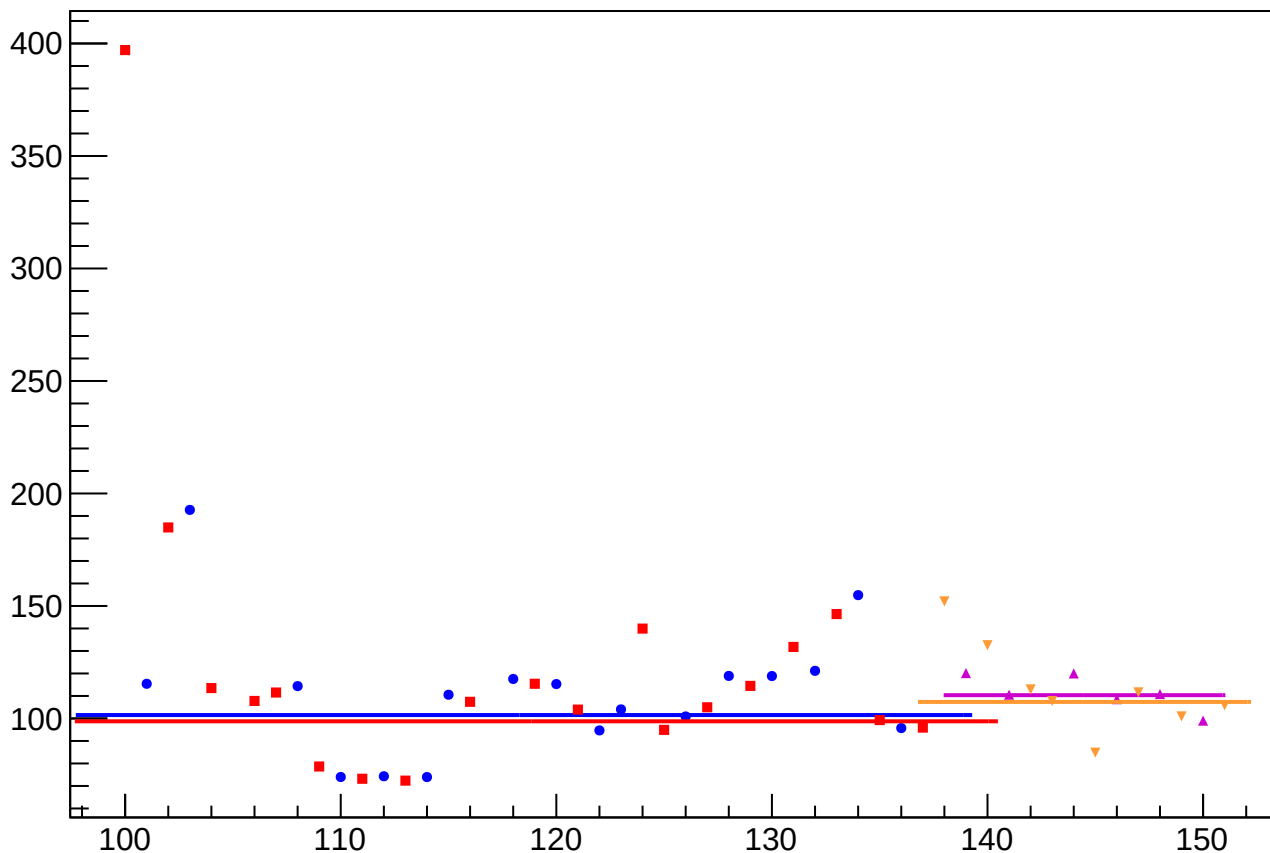
Right: 10.881 ± 28.065 $\chi^2/\text{NDF}: 41.4/35$

In: 22.396 ± 31.509 $\chi^2/\text{NDF}: 23.9/22$

Out: 51.918 ± 29.477 $\chi^2/\text{NDF}: 31.0/26$

All: 38.139 ± 21.526 $\chi^2/\text{NDF}: 55.4/49$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519+/-0.029 χ^2/NDF : 681713.7/16

Left Out: 107.353+/-0.032 χ^2/NDF : 294598.4/7

Right Out: 98.736+/-0.027 χ^2/NDF : 825631.4/18

Left In: 110.351+/-0.035 χ^2/NDF : 43843.9/5

Left: 108.700+/-0.024 χ^2/NDF : 342393.3/13

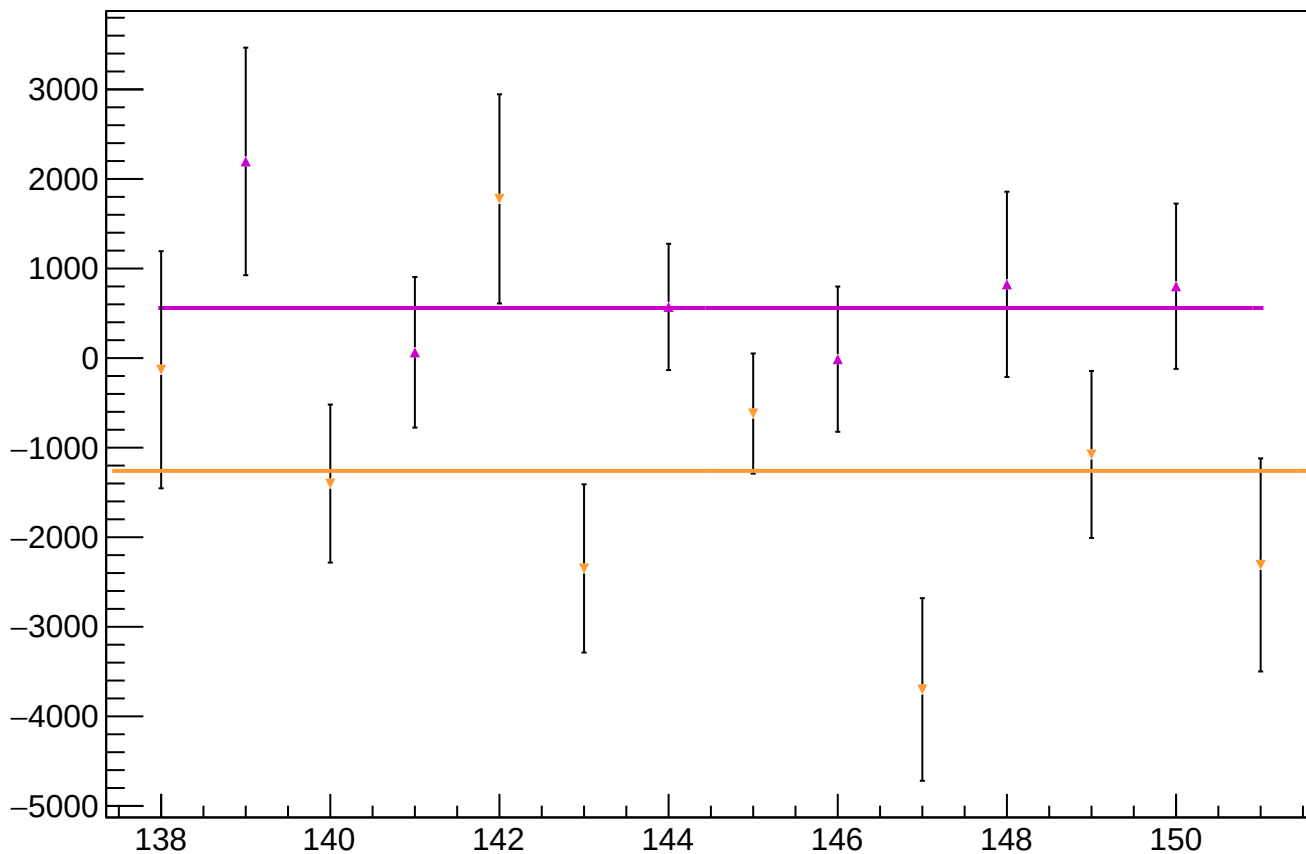
Right: 100.069+/-0.020 χ^2/NDF : 1512254.1/35

In: 105.019+/-0.022 χ^2/NDF : 763152.7/22

Out: 102.399+/-0.021 χ^2/NDF : 1162005.3/26

All: 103.622+/-0.015 χ^2/NDF : 1932531.9/49

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: 559.570+/-360.896 χ^2/NDF :2.6/5

Left: -409.988+/-246.605 χ^2/NDF : 32.5/13

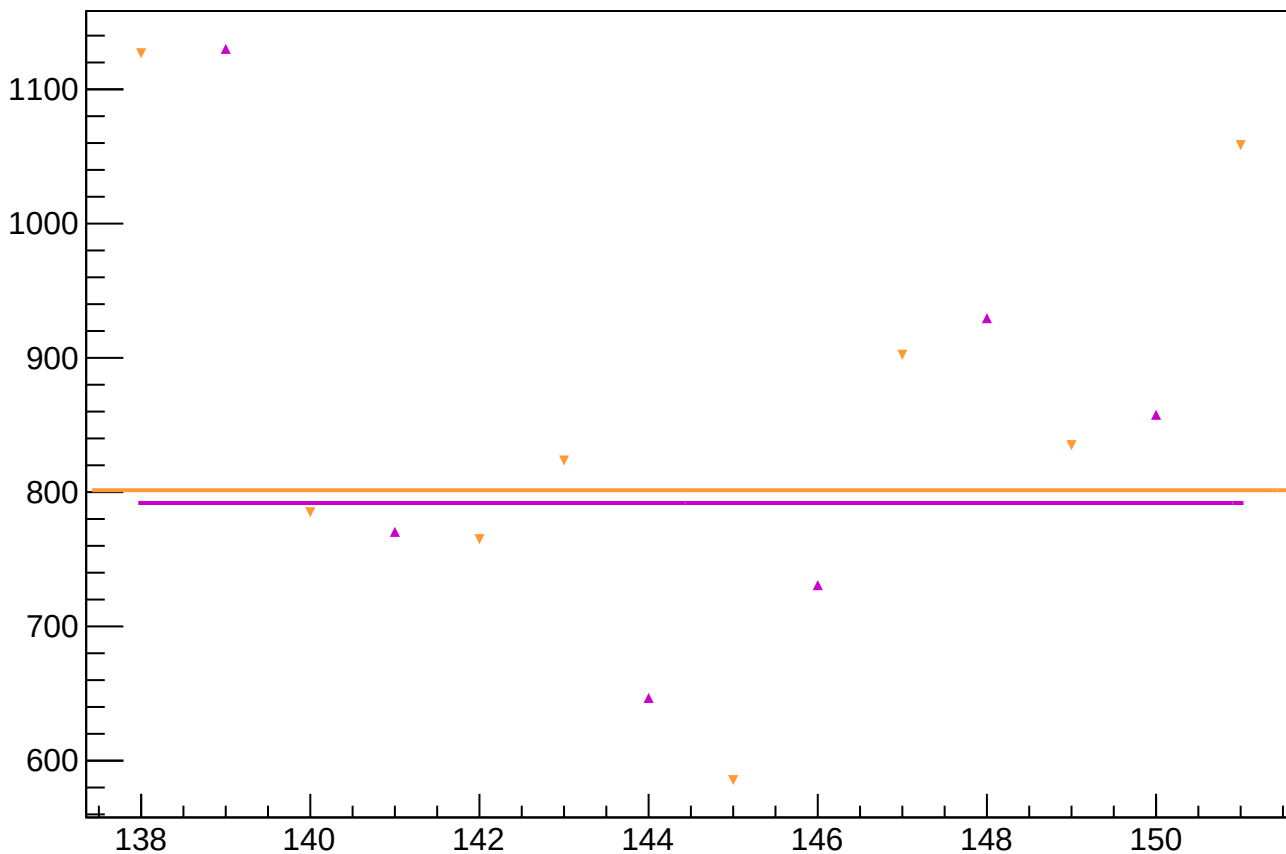
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 559.570+/-360.896 χ^2/NDF :2.6/5

Out: -1259.213+/-337.759 χ^2/NDF :16.3/7

All: -409.988+/-246.605 χ^2/NDF : 32.5/13

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: 791.918+/-0.255 χ^2/NDF : 284905.6/5

Left: 796.982+/-0.174 χ^2/NDF : 733149.9/13

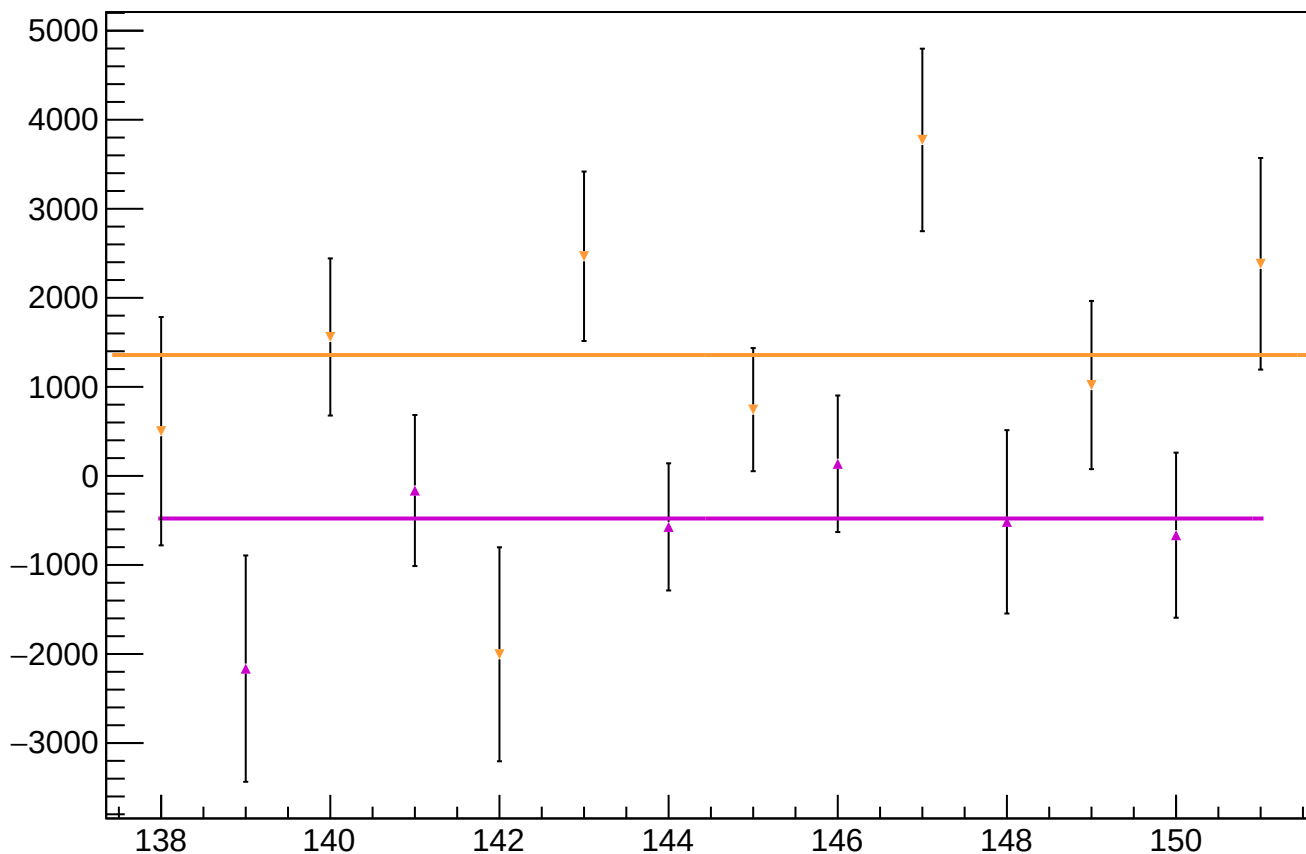
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 791.918+/-0.255 χ^2/NDF : 284905.6/5

Out: 801.418+/-0.239 χ^2/NDF : 447505.6/7

All: 796.982+/-0.174 χ^2/NDF : 733149.9/13

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: -478.279+/-358.576 χ^2/NDF :2.6/5

Left: 483.854+/-247.391 χ^2/NDF : 33.2/13

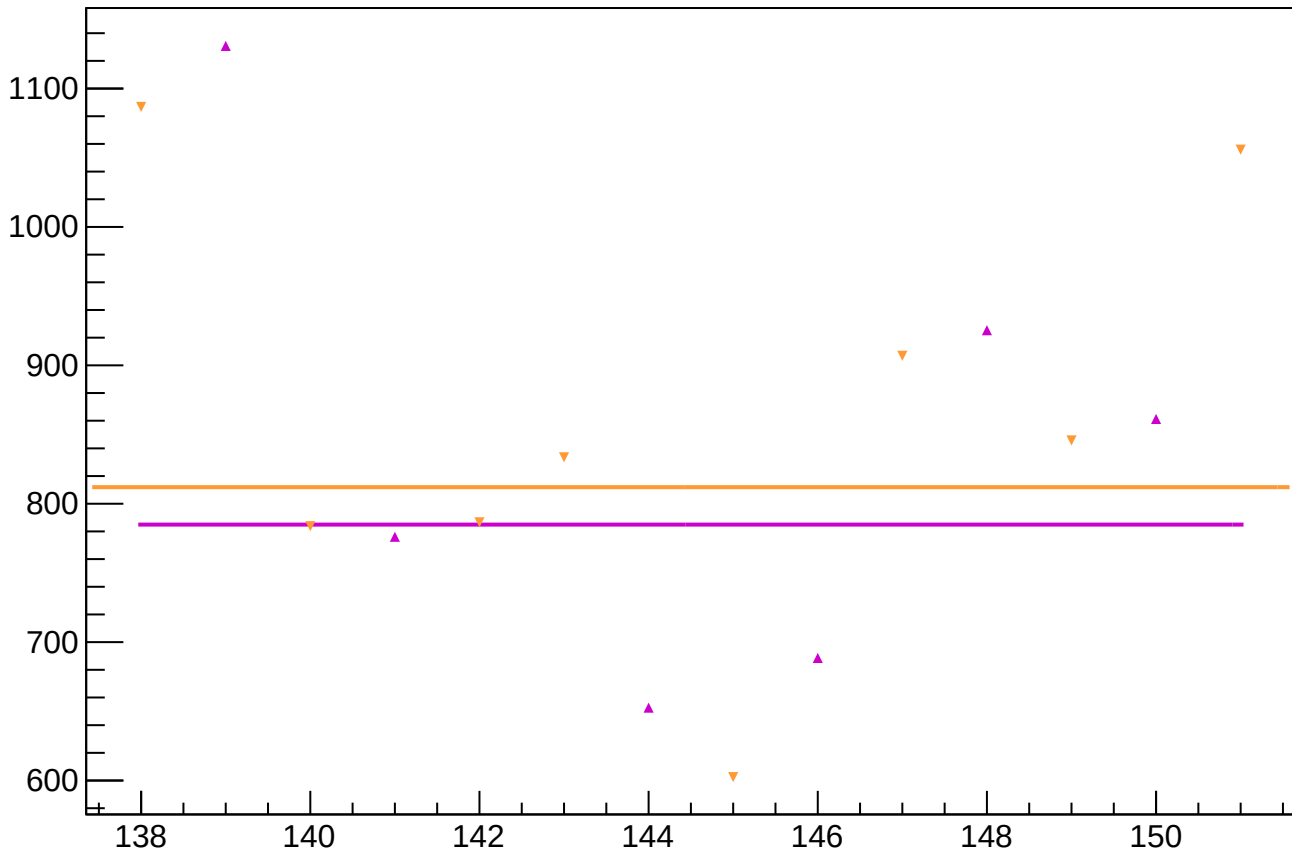
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -478.279+/-358.576 χ^2/NDF :2.6/5

Out: 1357.854+/-341.758 χ^2/NDF :16.9/7

All: 483.854+/-247.391 χ^2/NDF : 33.2/13

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: 784.926+/-0.254 χ^2/NDF :299285.5/5

Left: 799.098+/-0.175 χ^2/NDF : 688640.0/13

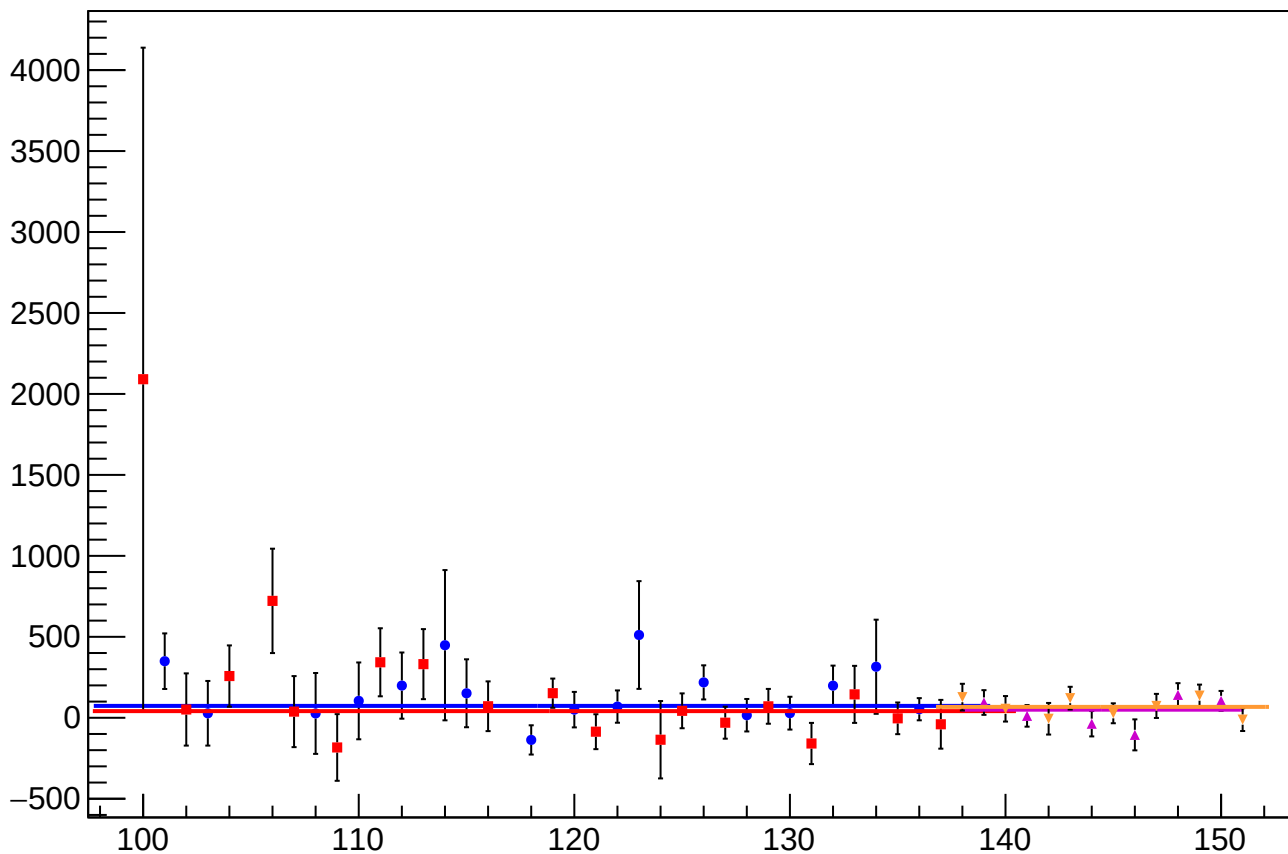
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.926+/-0.254 χ^2/NDF :299285.5/5

Out: 811.972+/-0.242 χ^2/NDF :383392.3/7

All: 799.098+/-0.175 χ^2/NDF : 688640.0/13

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: 50.034 $\pm$ 29.804 χ^2 /NDF: 6.9/5

Left: 59.852 $\pm$ 19.593 χ^2 /NDF: 11.5/13

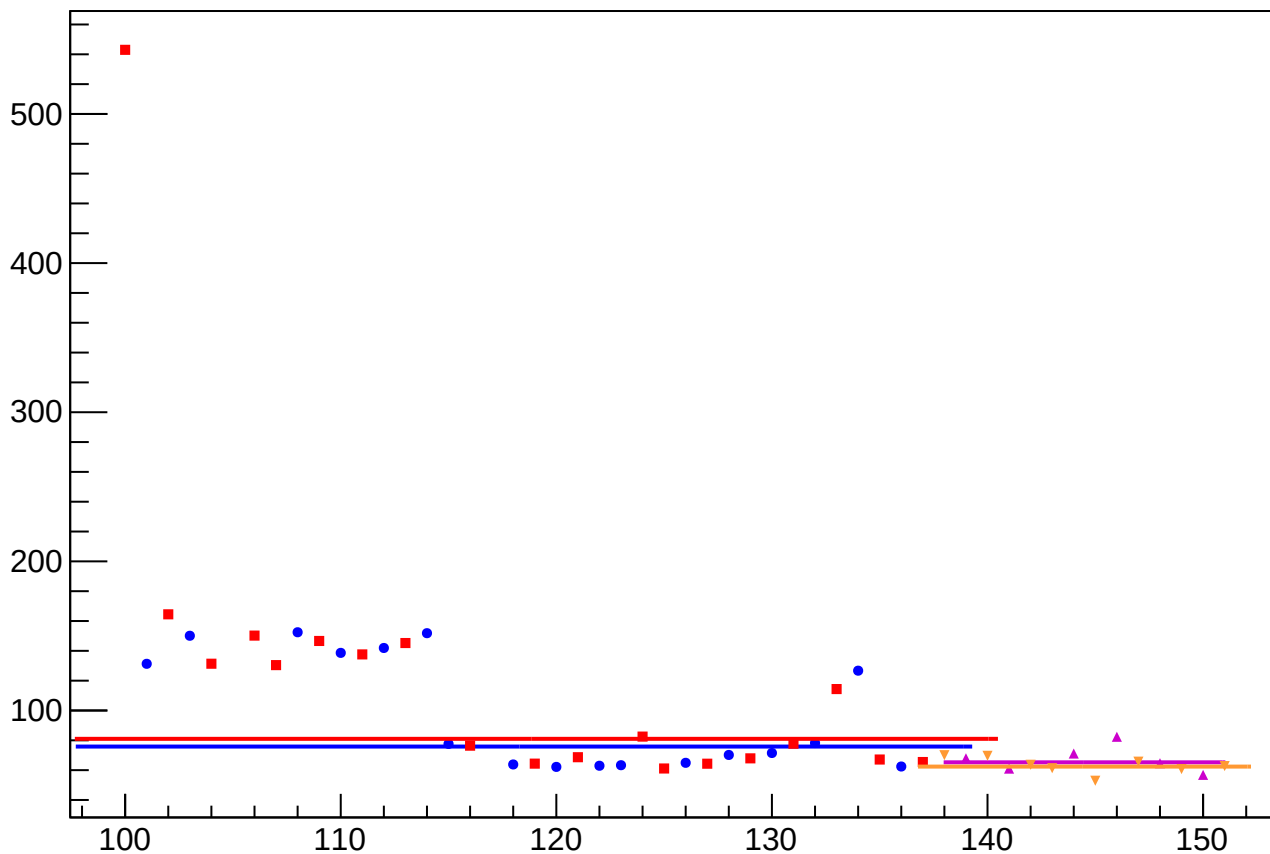
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 61.258 $\pm$ 21.505 χ^2 /NDF: 22.5/22

Out: 57.189 $\pm$ 20.362 χ^2 /NDF: 24.0/26

All: 59.112 $\pm$ 14.786 χ^2 /NDF: 46.5/49

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: 65.248 $\pm$ 0.021 χ^2 /NDF: 123635.4/5

Left: 63.623 $\pm$ 0.014 χ^2 /NDF: 221554.5/13

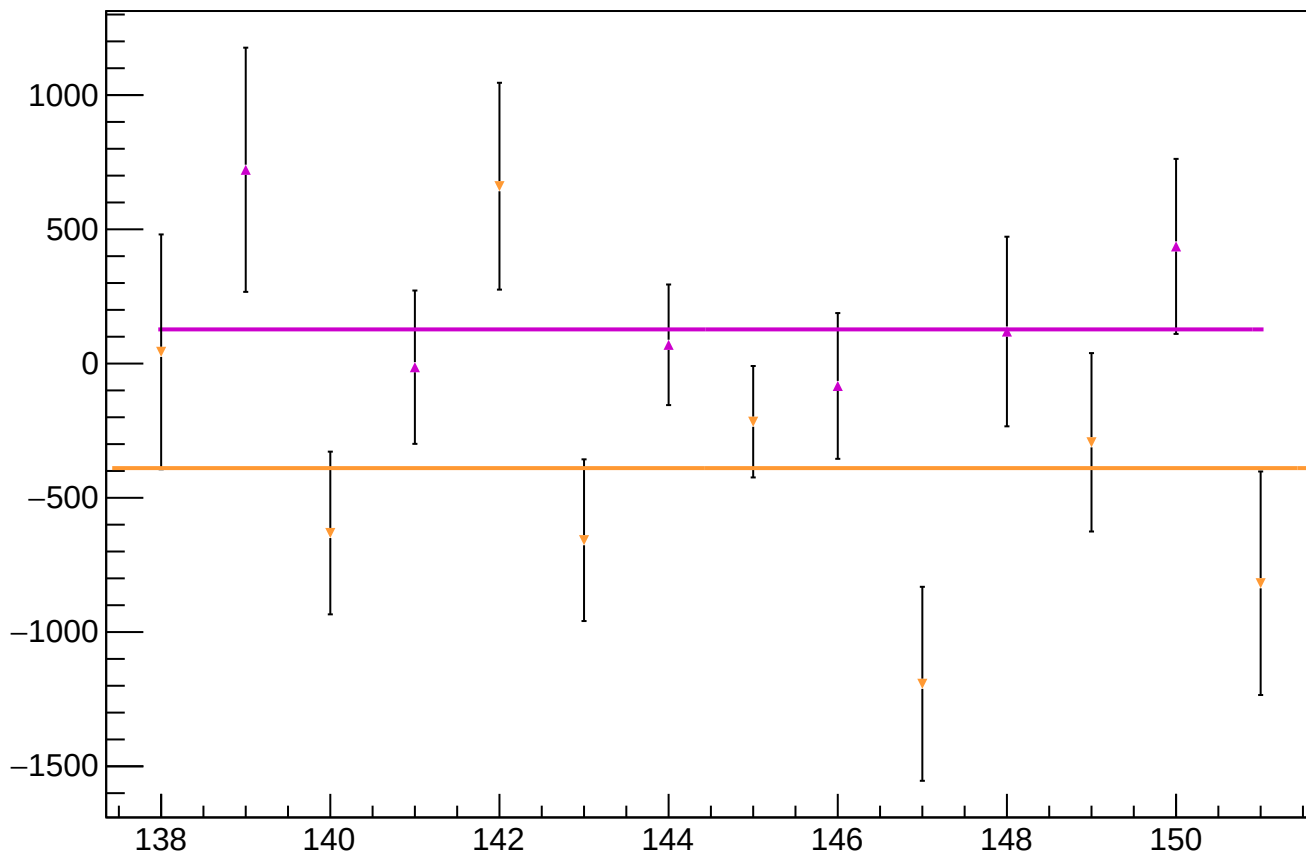
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 70.315 $\pm$ 0.015 χ^2 /NDF: 1594232.5/22

Out: 69.585 $\pm$ 0.014 χ^2 /NDF: 2111759.1/26

All: 69.930 $\pm$ 0.010 χ^2 /NDF: 3707208.6/49

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: 127.247+/-121.331 χ^2/NDF :3.5/5

Left: -151.493+/-82.331 χ^2/NDF : 29.9/13

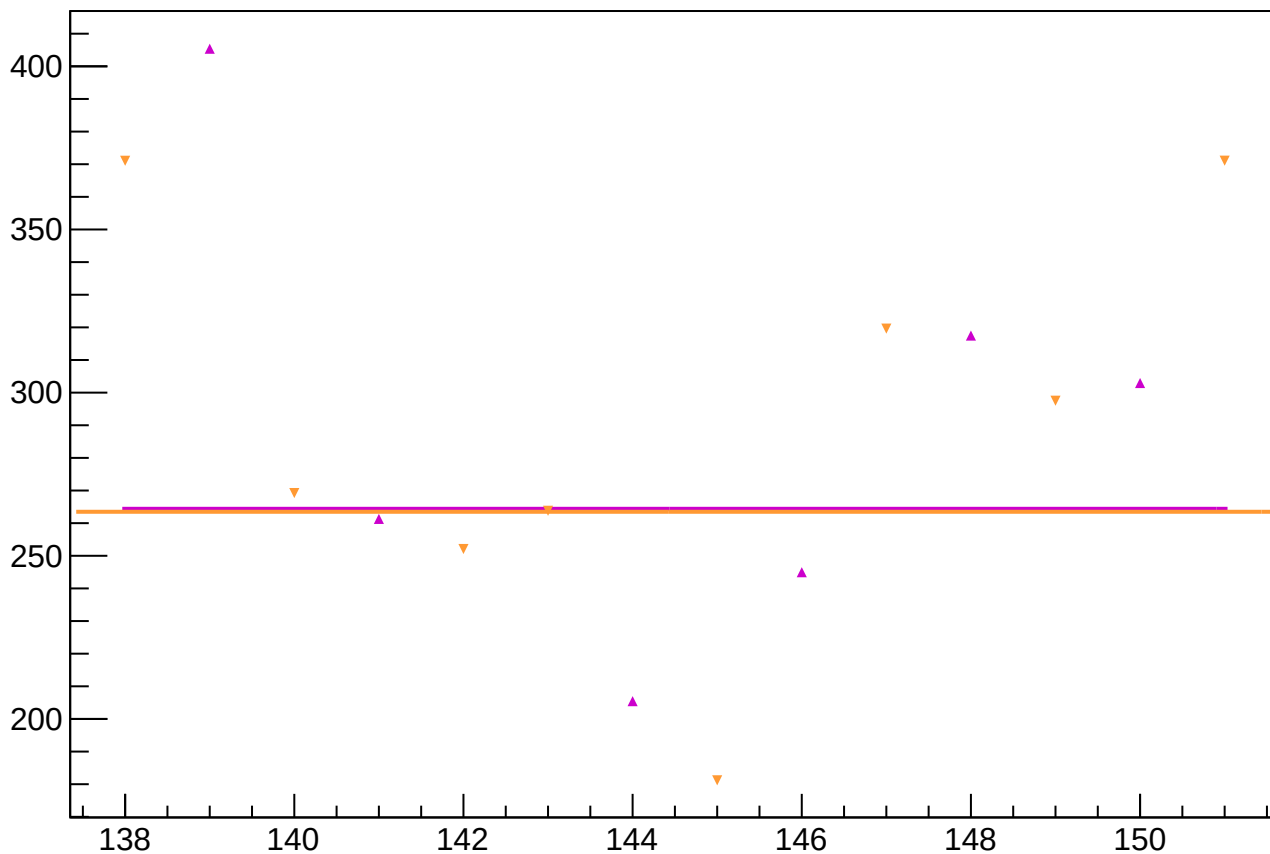
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.247+/-121.331 χ^2/NDF :3.5/5

Out: -389.363+/-112.084 χ^2/NDF :16.6/7

All: -151.493+/-82.331 χ^2/NDF : 29.9/13

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: 264.397+/-0.086 χ^2/NDF :413702.0/5

Left: 263.907+/-0.058 χ^2/NDF : 1054639.7/13

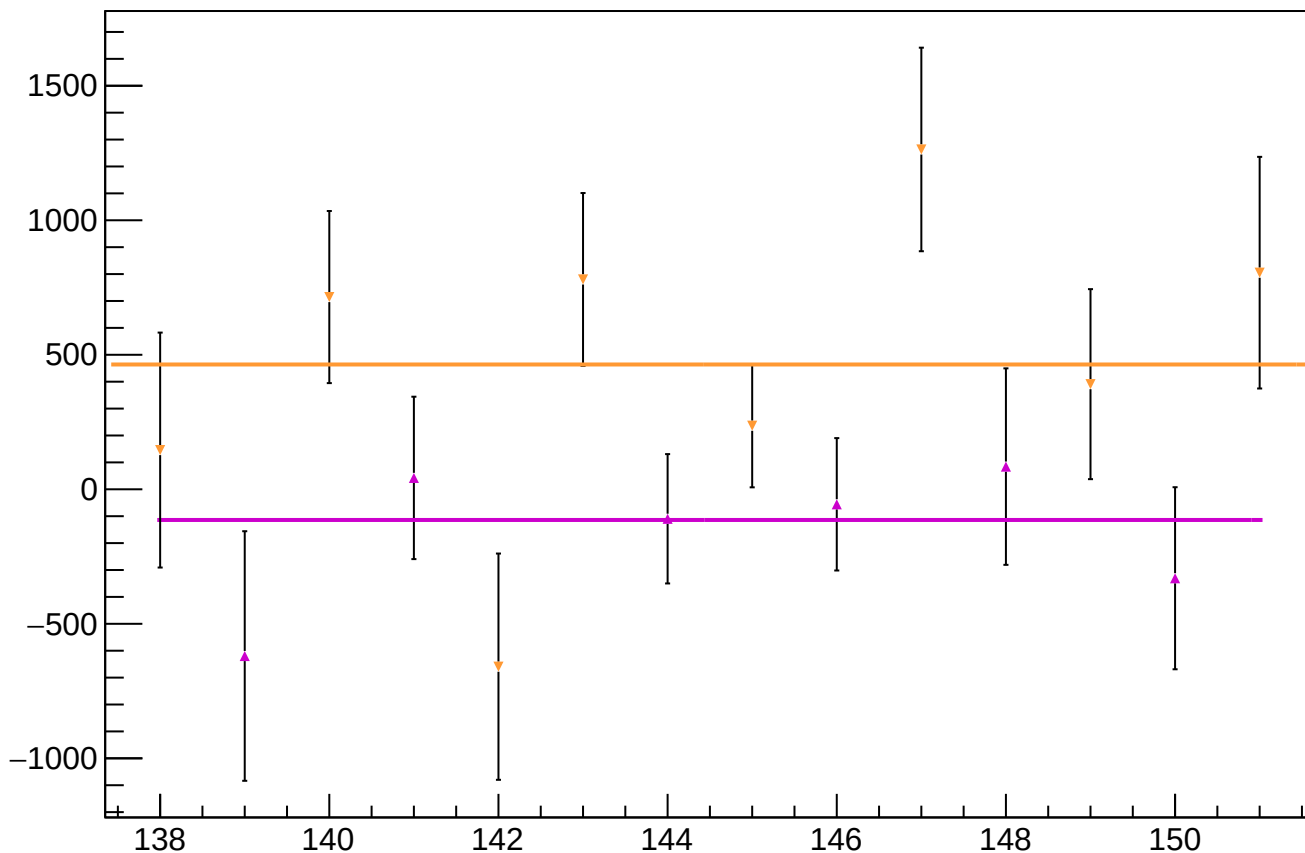
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 264.397+/-0.086 χ^2/NDF :413702.0/5

Out: 263.489+/-0.079 χ^2/NDF :640877.2/7

All: 263.907+/-0.058 χ^2/NDF : 1054639.7/13

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: -114.009+/-123.393 χ^2/NDF :2.2/5

Left: 183.794+/-85.908 χ^2/NDF : 28.9/13

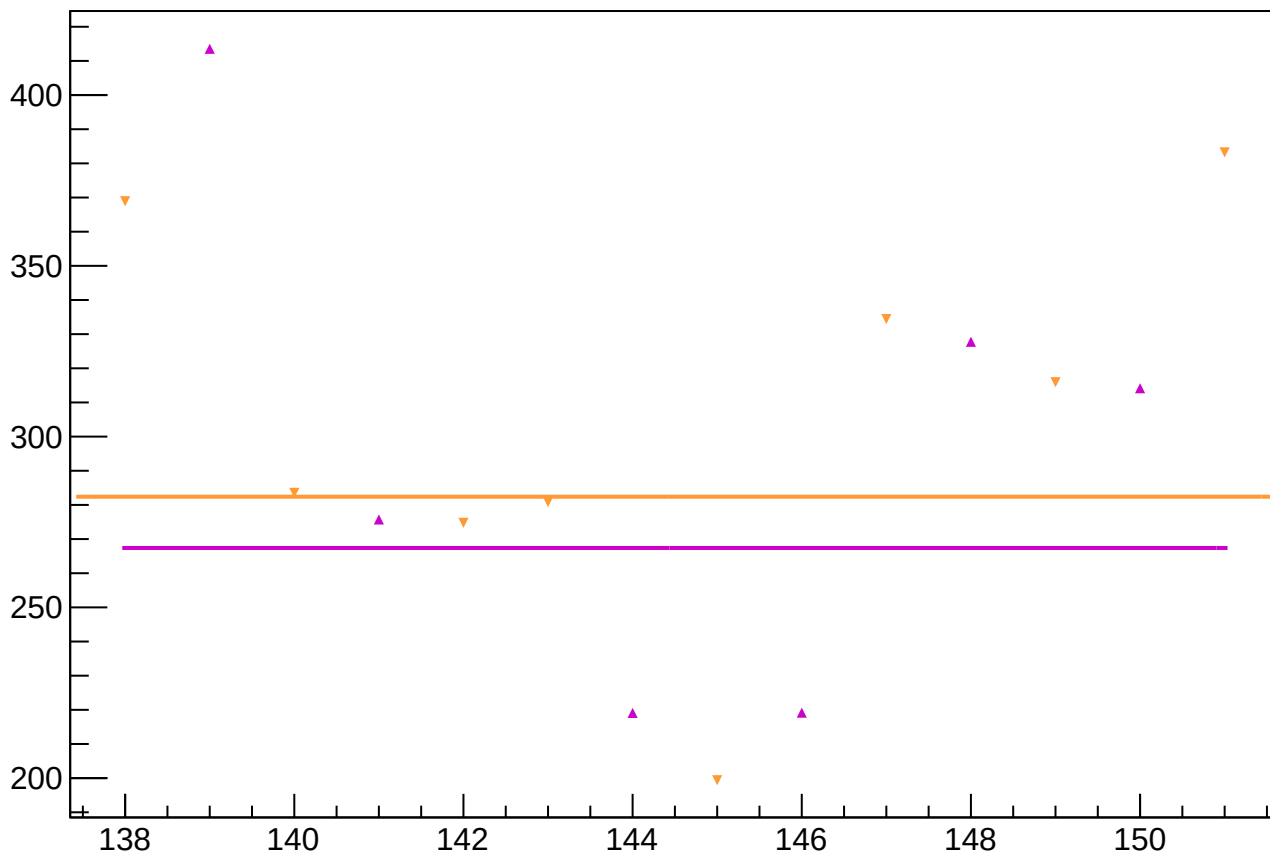
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -114.009+/-123.393 χ^2/NDF :2.2/5

Out: 463.924+/-119.676 χ^2/NDF :15.4/7

All: 183.794+/-85.908 χ^2/NDF : 28.9/13

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: 267.394+/-0.087 χ^2/NDF :450478.5/5

Left: 275.131+/-0.061 χ^2/NDF : 973143.3/13

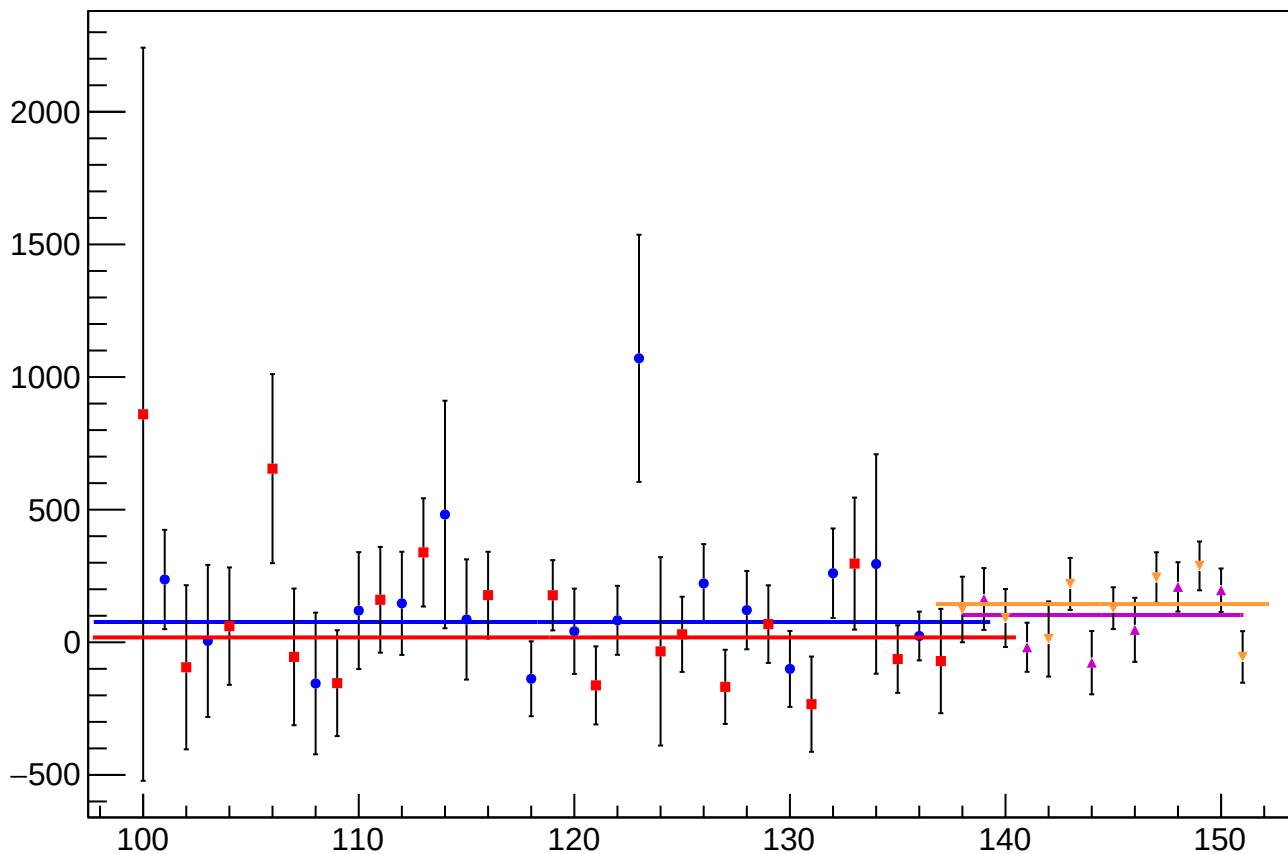
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 267.394+/-0.087 χ^2/NDF :450478.5/5

Out: 282.409+/-0.085 χ^2/NDF :507404.3/7

All: 275.131+/-0.061 χ^2/NDF : 973143.3/13

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: 102.950 $\pm$ 41.043 χ^2 /NDF:7.1/5

Left: 126.602 $\pm$ 26.804 χ^2 /NDF: 17.2/13

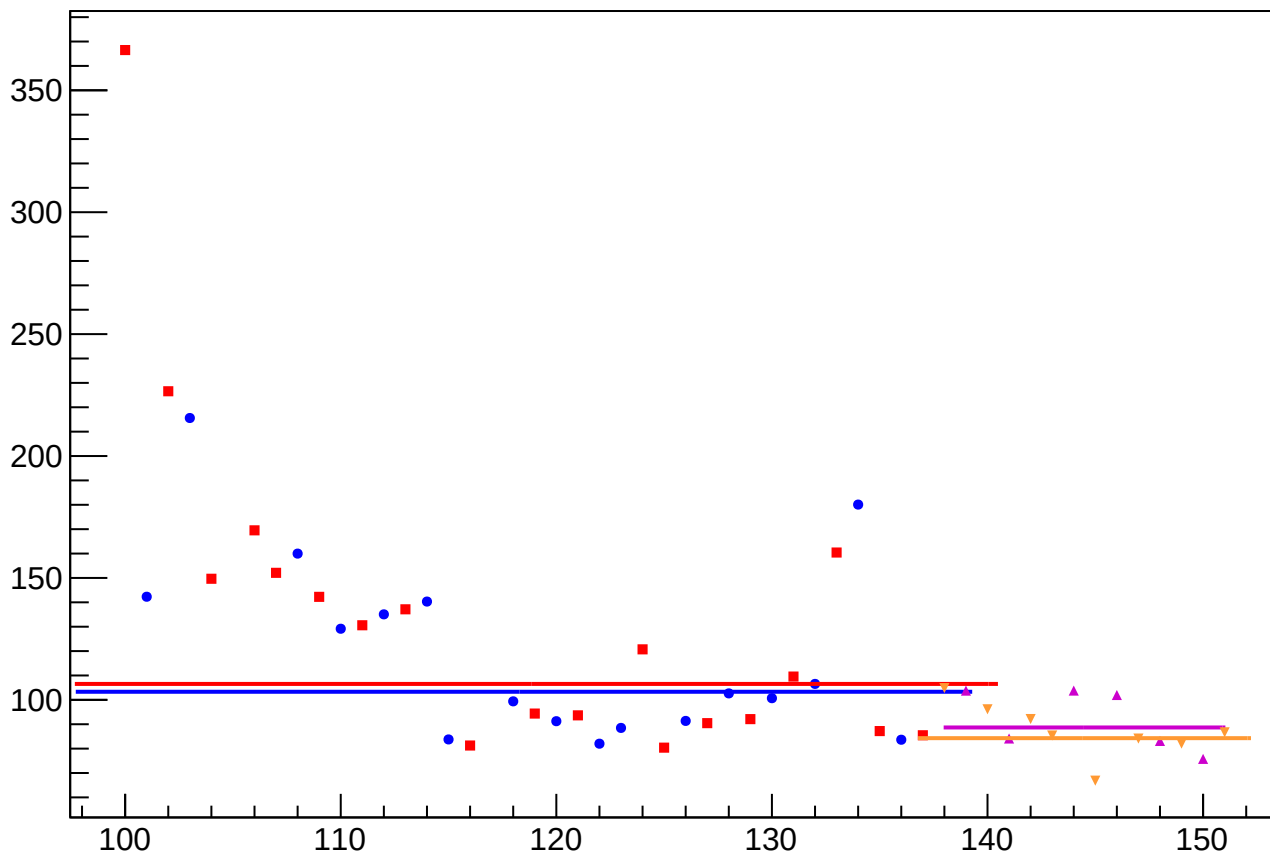
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 89.891 $\pm$ 29.202 χ^2 /NDF:21.2/22

Out: 92.353 $\pm$ 27.139 χ^2 /NDF:31.9/26

All: 91.212 $\pm$ 19.880 χ^2 /NDF: 53.1/49

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: 88.672 $\pm$ 0.029 χ^2/NDF : 151348.5/5

Left: 86.159 $\pm$ 0.019 χ^2/NDF : 349781.6/13

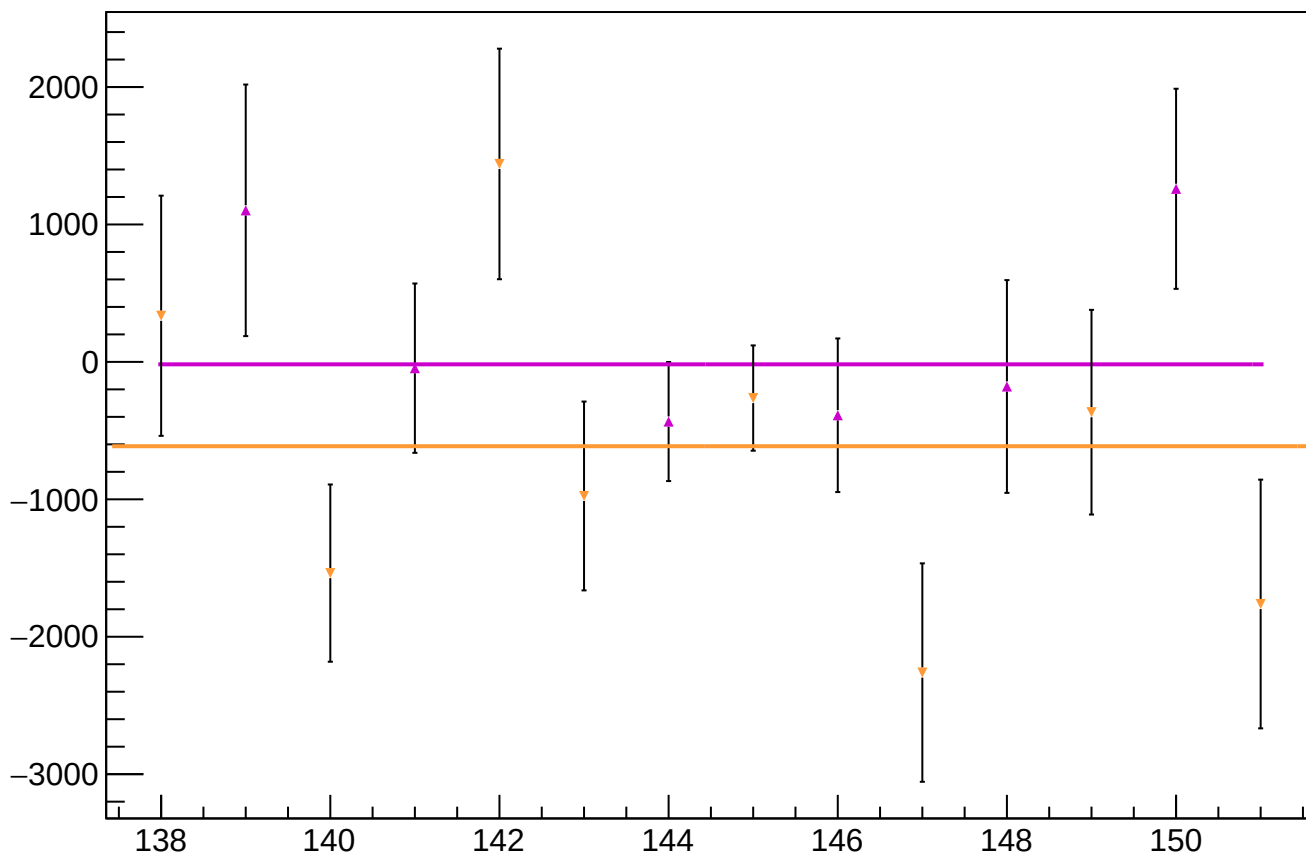
Right: 104.897 $\pm$ 0.021 χ^2/NDF : 1915236.3/35

In: 95.904 $\pm$ 0.021 χ^2/NDF : 1114900.0/22

Out: 93.456 $\pm$ 0.019 χ^2/NDF : 1582367.5/26

All: 94.590 $\pm$ 0.014 χ^2/NDF : 2704808.2/49

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: -17.720+/-250.668 χ^2/NDF :6.0/5

Left: -339.443+/-170.031 χ^2/NDF : 25.4/13

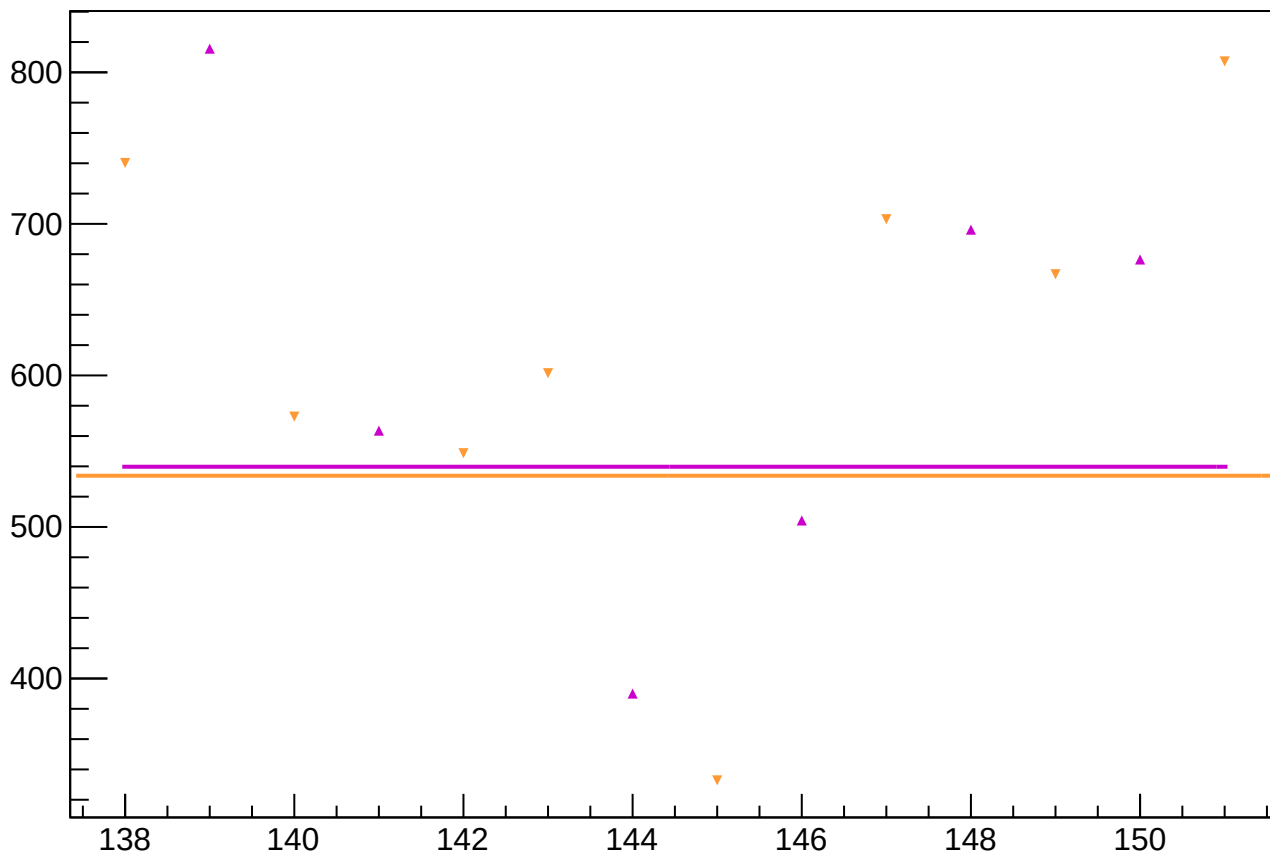
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.720+/-250.668 χ^2/NDF :6.0/5

Out: -613.620+/-231.405 χ^2/NDF :16.4/7

All: -339.443+/-170.031 χ^2/NDF : 25.4/13

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: 539.744+/-0.177 χ^2/NDF :583856.3/5

Left: 536.545+/-0.120 χ^2/NDF : 1611096.2/13

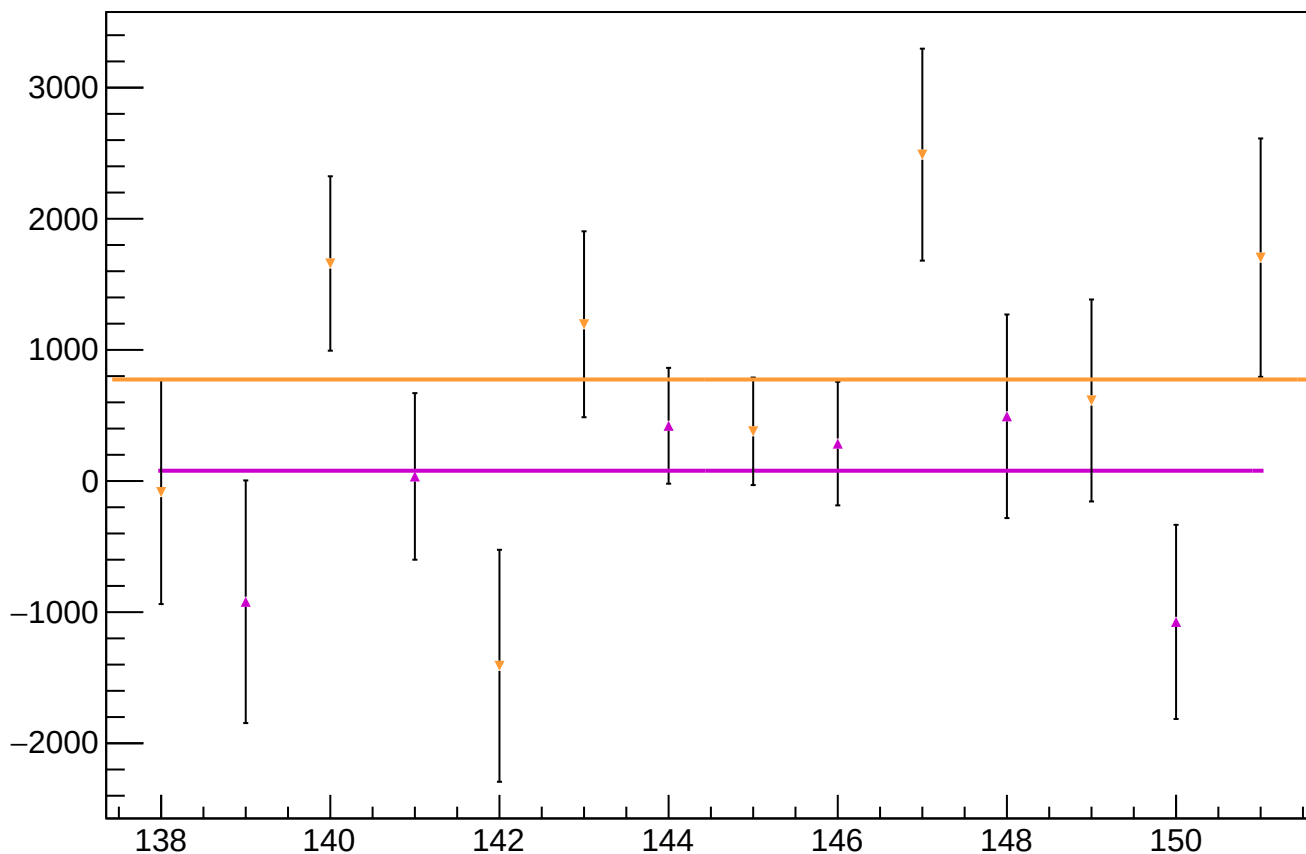
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 539.744+/-0.177 χ^2/NDF :583856.3/5

Out: 533.819+/-0.164 χ^2/NDF :1026636.6/7

All: 536.545+/-0.120 χ^2/NDF : 1611096.2/13

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: 78.583+/-244.257 χ^2/NDF :4.7/5

Left: 431.676+/-171.409 χ^2/NDF : 24.5/13

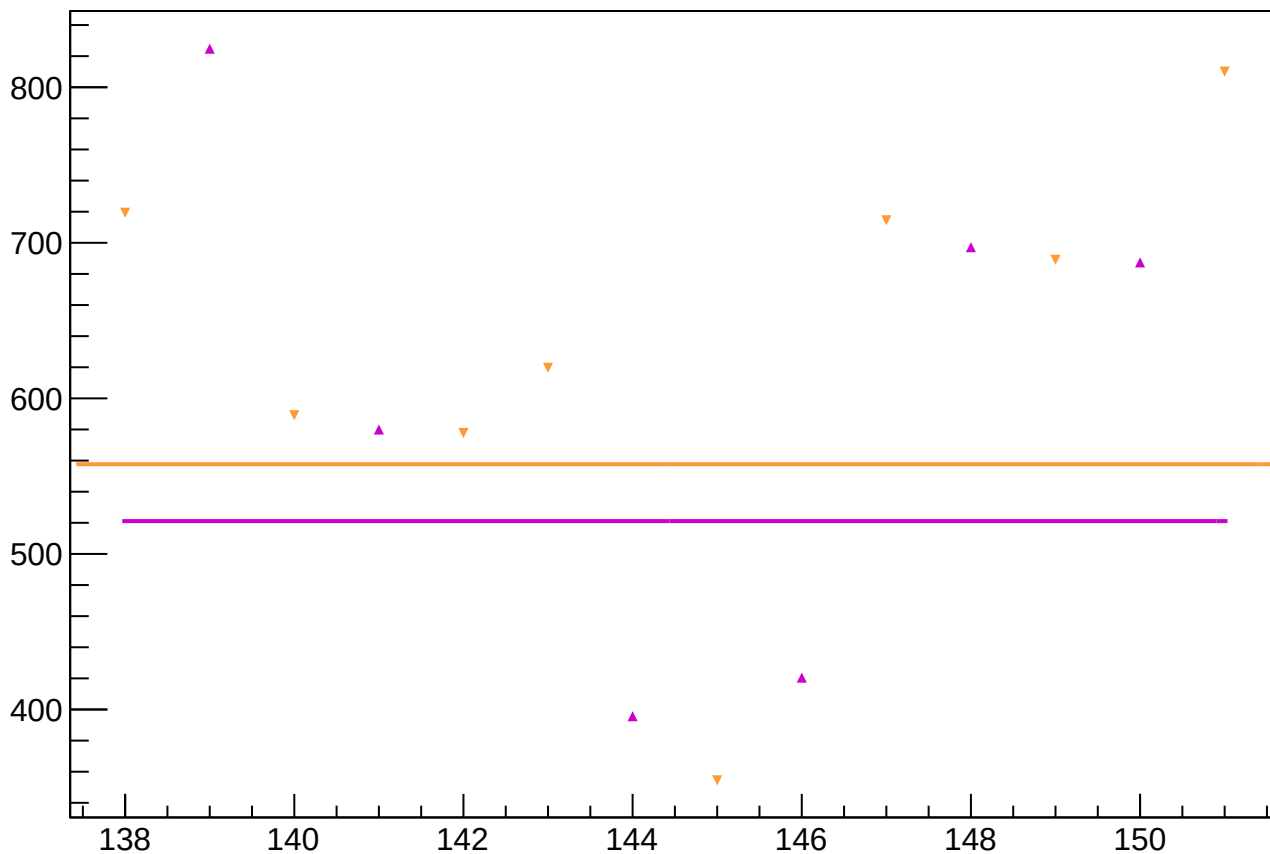
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.583+/-244.257 χ^2/NDF :4.7/5

Out: 774.285+/-240.603 χ^2/NDF :15.7/7

All: 431.676+/-171.409 χ^2/NDF : 24.5/13

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: 521.103+/-0.173 χ^2/NDF : 688954.3/5

Left: 539.660+/-0.121 χ^2/NDF : 1583161.6/13

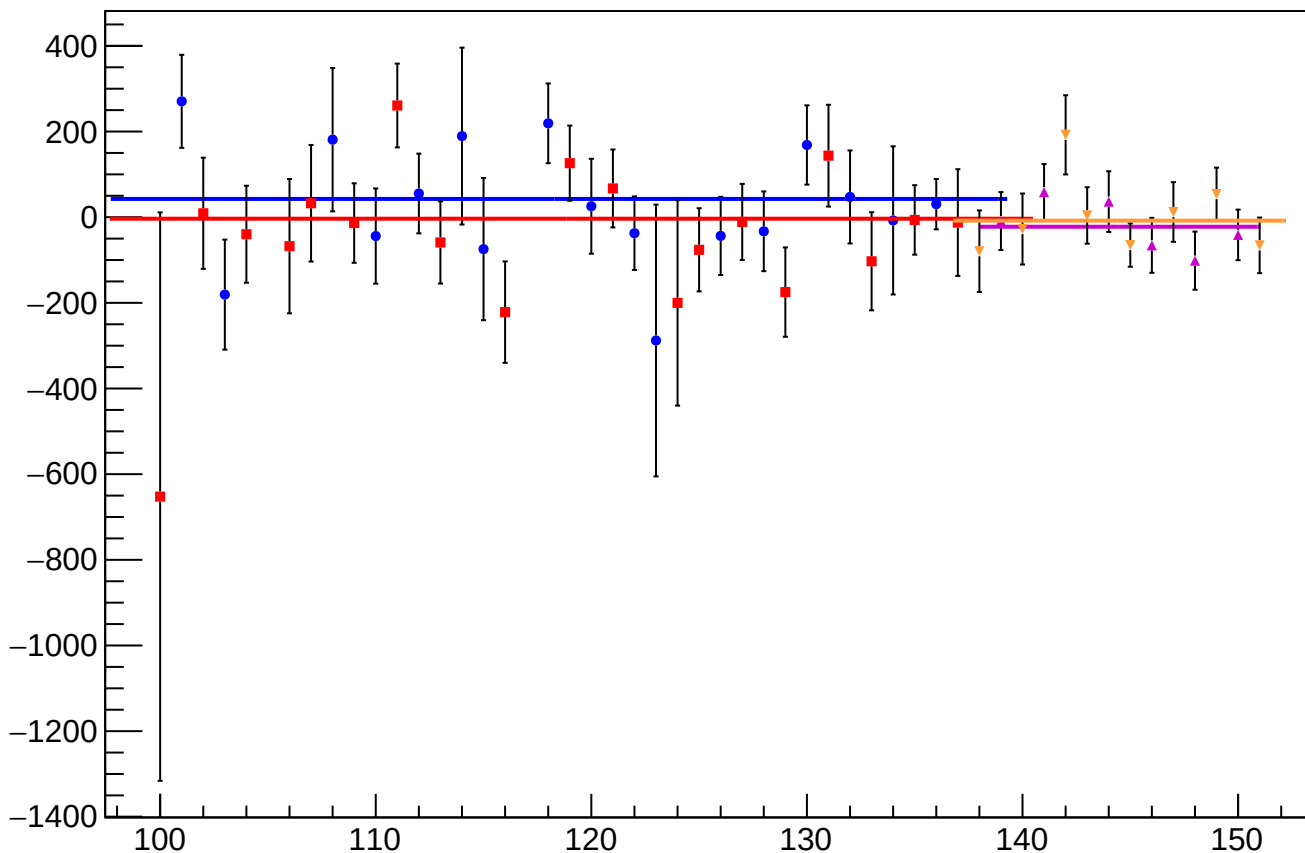
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.103+/-0.173 χ^2/NDF : 688954.3/5

Out: 557.667+/-0.170 χ^2/NDF : 871460.9/7

All: 539.660+/-0.121 χ^2/NDF : 1583161.6/13

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -8.016+/-24.271 χ^2/NDF : 8.5/7

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: -22.253+/-26.761 χ^2/NDF : 4.2/5

Left: -14.441+/-17.978 χ^2/NDF : 12.8/13

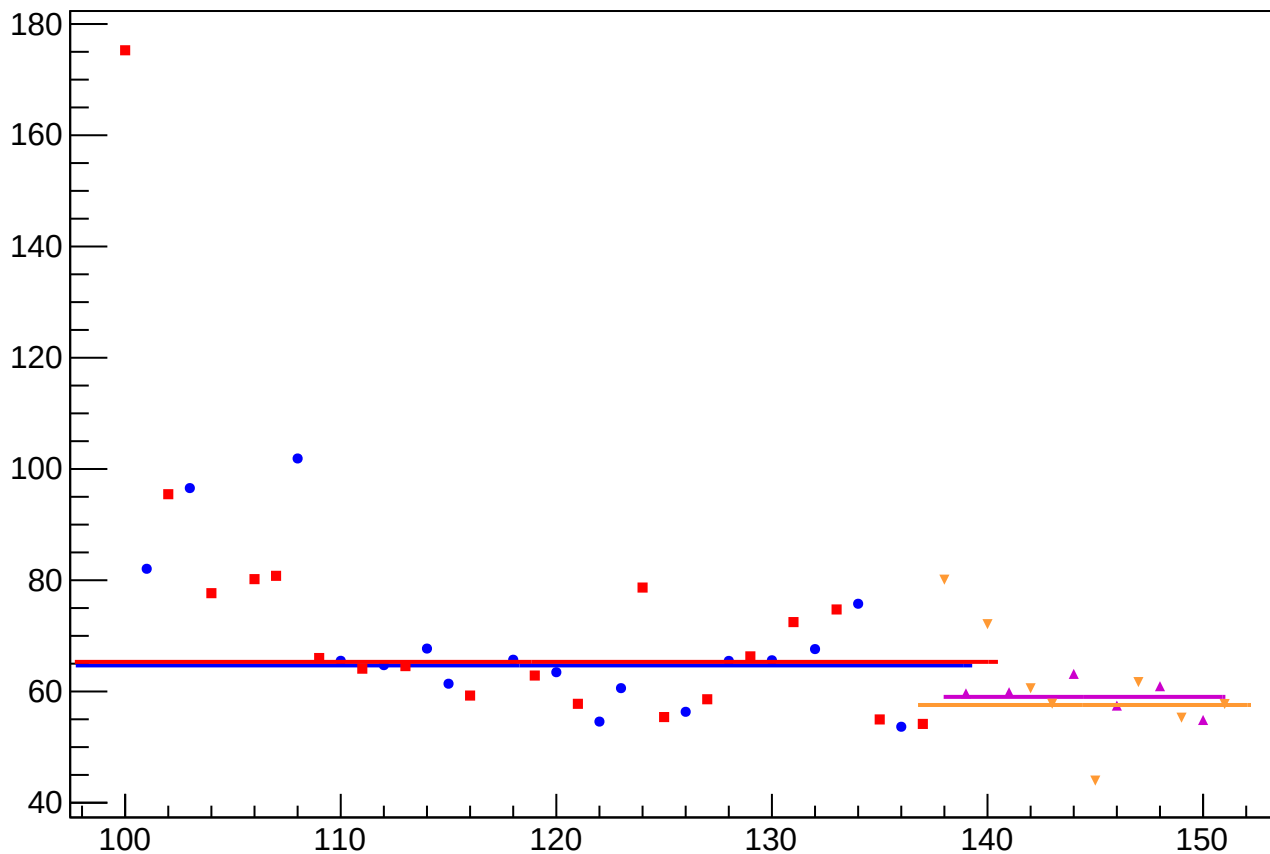
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 11.784+/-18.455 χ^2/NDF : 26.1/22

Out: -5.833+/-17.438 χ^2/NDF : 29.9/26

All: 2.476+/-12.675 χ^2/NDF : 56.5/49

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 57.572 $\pm$ 0.017 χ^2 /NDF: 329065.8/7

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 59.031 $\pm$ 0.019 χ^2 /NDF: 19982.4/5

Left: 58.231 $\pm$ 0.013 χ^2 /NDF: 352307.7/13

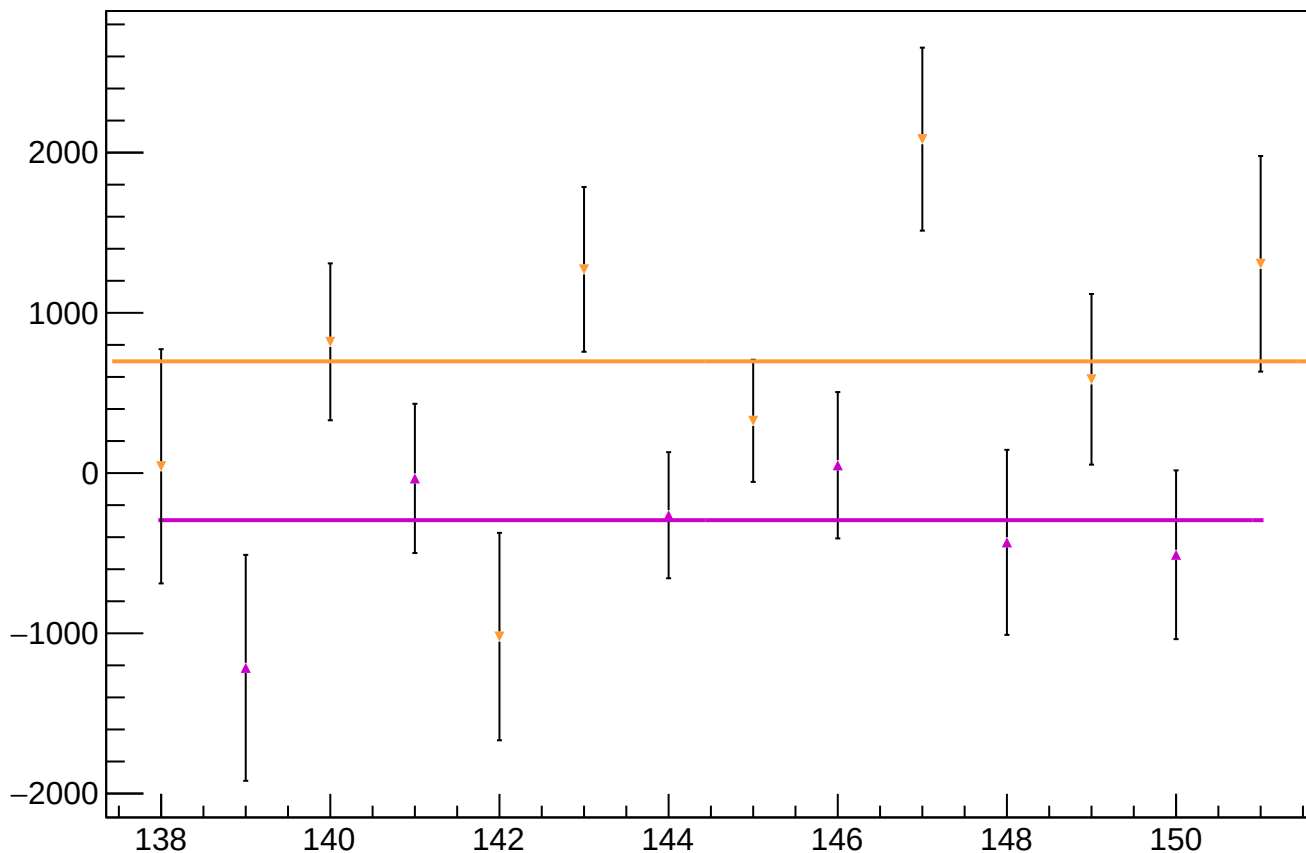
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 61.996 $\pm$ 0.013 χ^2 /NDF: 466994.8/22

Out: 61.323 $\pm$ 0.012 χ^2 /NDF: 787346.9/26

All: 61.640 $\pm$ 0.009 χ^2 /NDF: 1255747.8/49

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: -293.999+/-202.114 χ^2/NDF :2.8/5

Left: 234.022+/-138.171 χ^2/NDF : 32.5/13

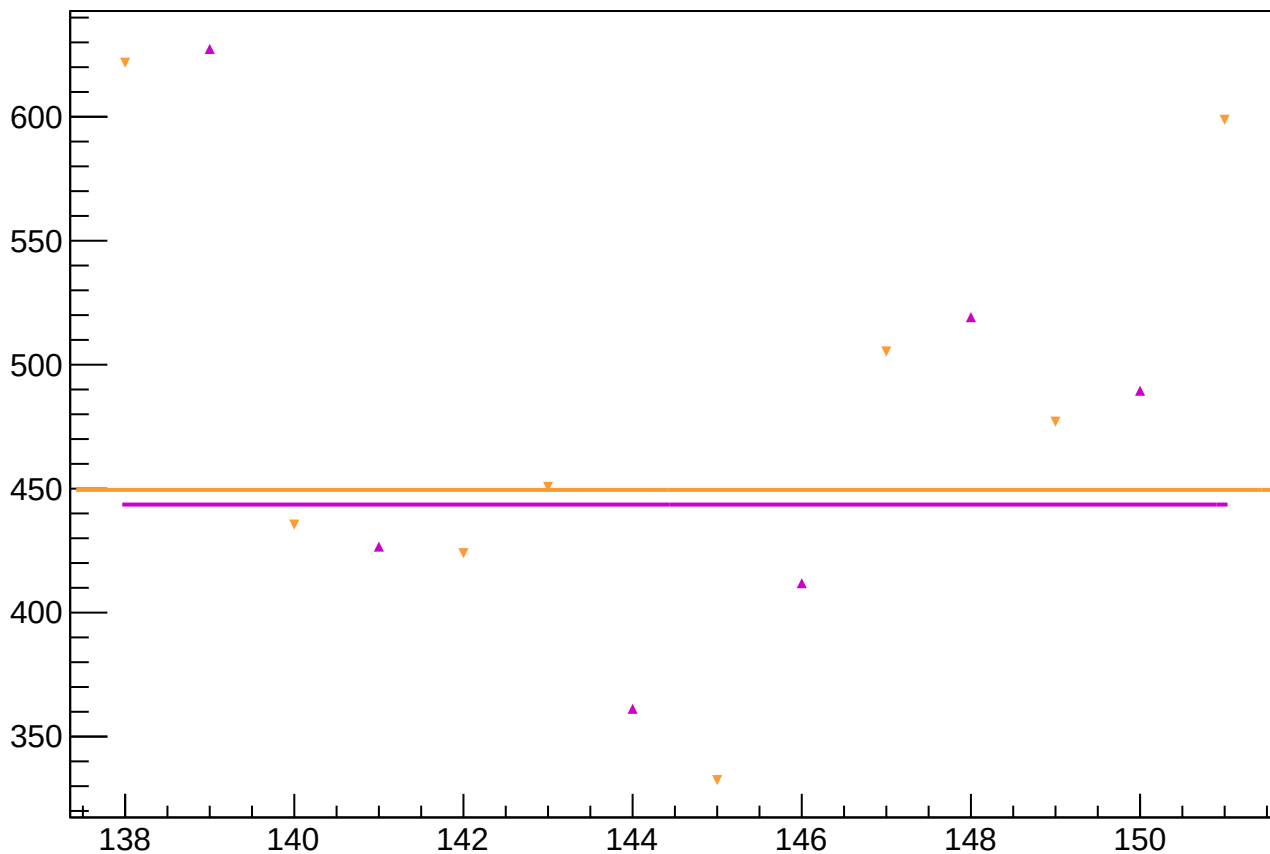
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.999+/-202.114 χ^2/NDF :2.8/5

Out: 697.313+/-189.321 χ^2/NDF :16.9/7

All: 234.022+/-138.171 χ^2/NDF : 32.5/13

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: 443.586+/-0.143 χ^2/NDF : 285392.4/5

Left: 446.736+/-0.098 χ^2/NDF : 713835.7/13

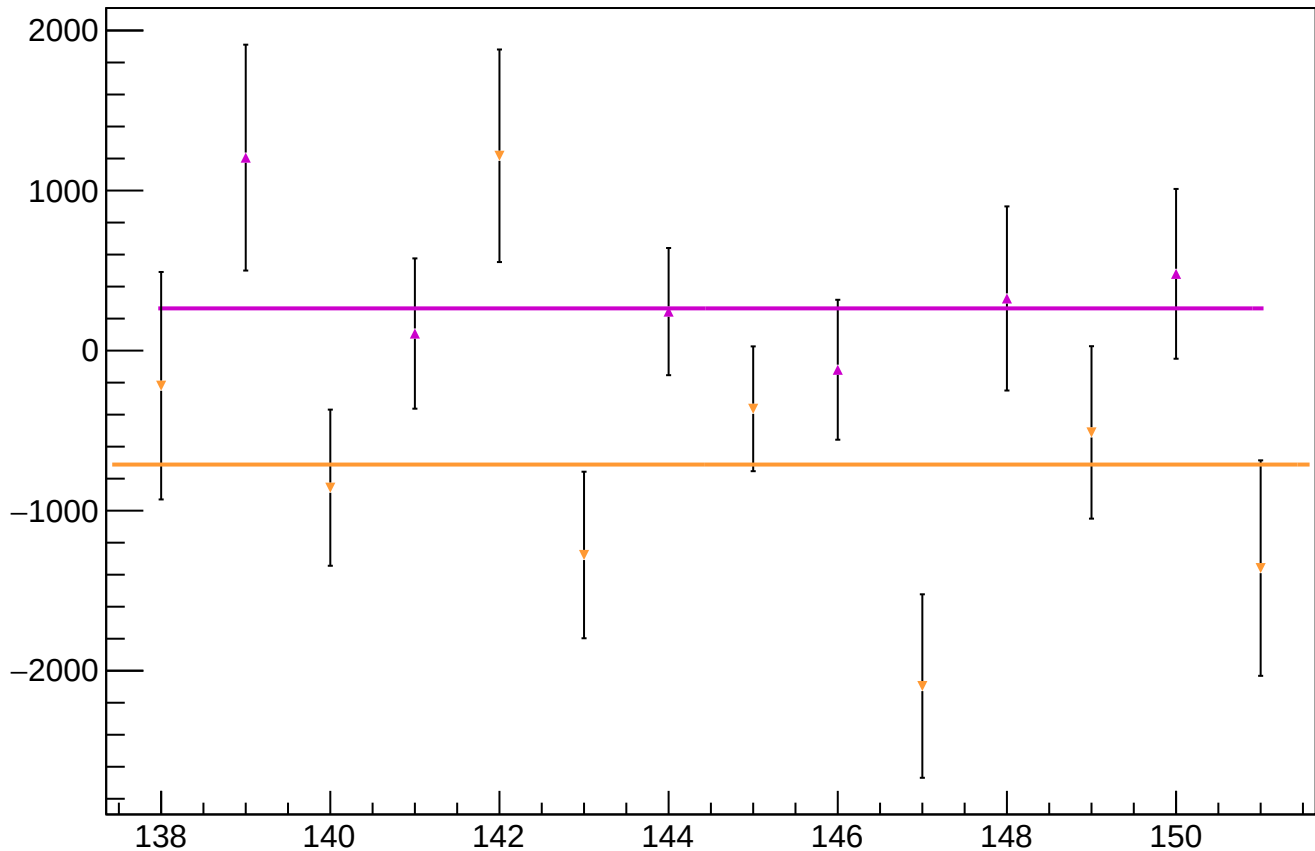
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.586+/-0.143 χ^2/NDF : 285392.4/5

Out: 449.500+/-0.134 χ^2/NDF : 427531.3/7

All: 446.736+/-0.098 χ^2/NDF : 713835.7/13

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: 263.798+/-201.250 χ^2/NDF :2.8/5

Left: -249.609+/-138.529 χ^2/NDF : 33.1/13

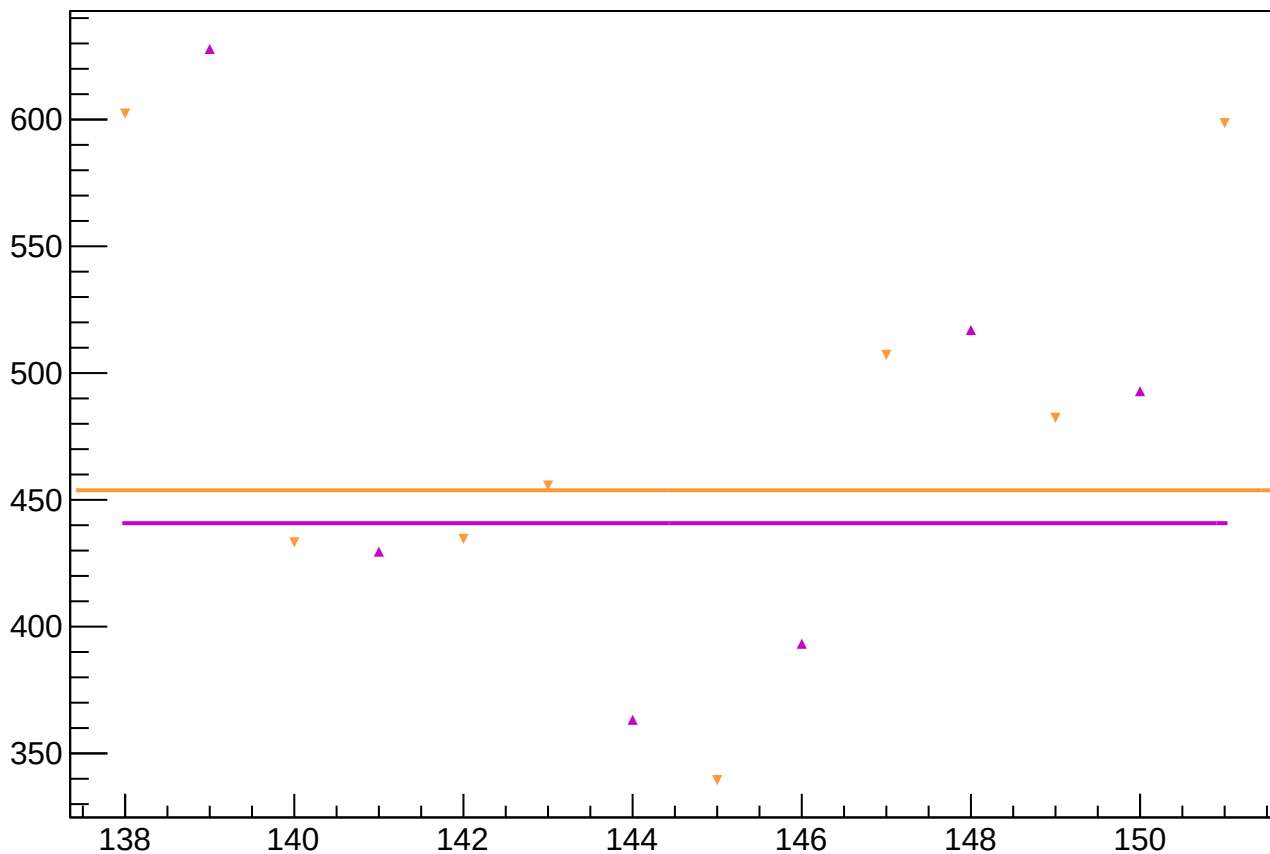
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 263.798+/-201.250 χ^2/NDF :2.8/5

Out: -711.919+/-190.973 χ^2/NDF :17.9/7

All: -249.609+/-138.529 χ^2/NDF : 33.1/13

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: 440.807+/-0.142 χ^2/NDF : 295888.7/5

Left: 447.636+/-0.098 χ^2/NDF : 680332.8/13

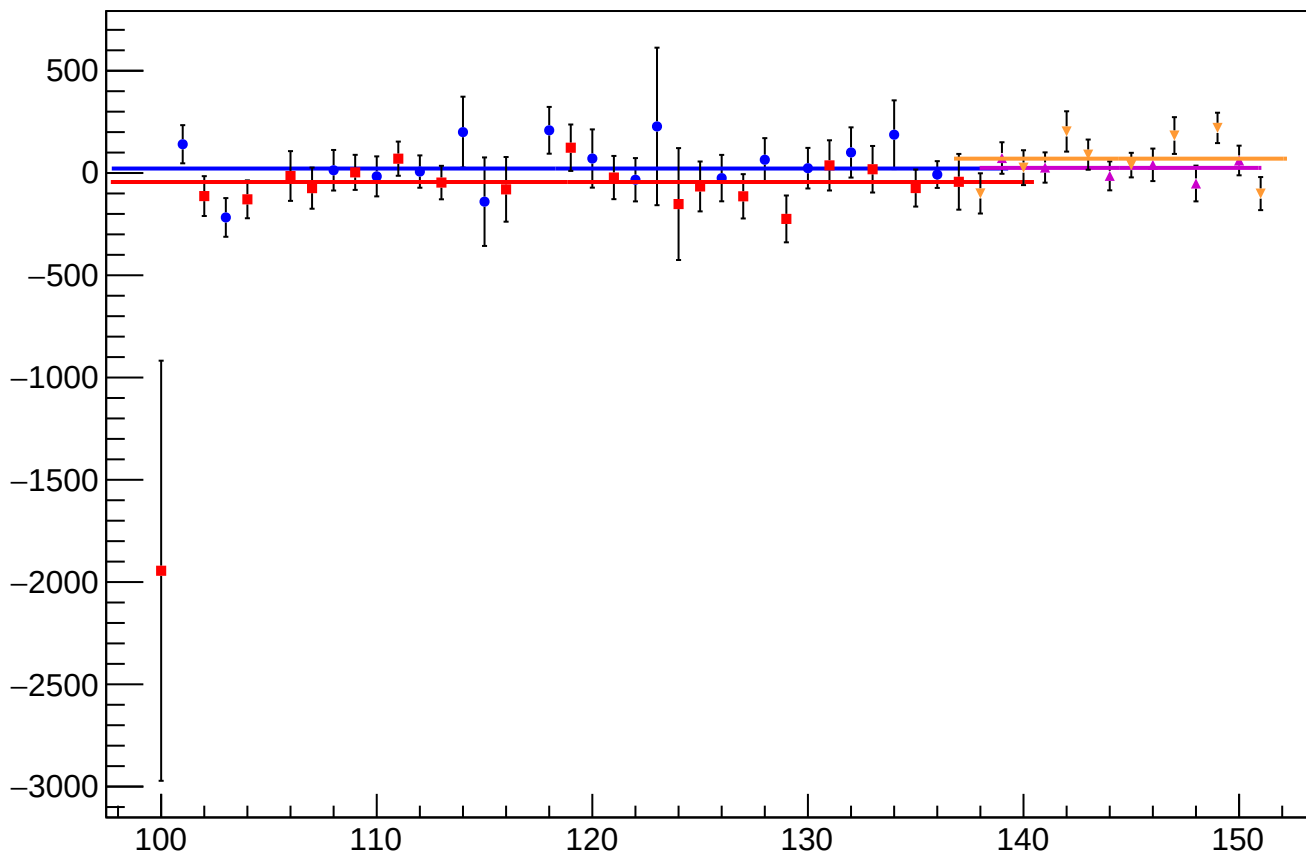
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.807+/-0.142 χ^2/NDF : 295888.7/5

Out: 453.785+/-0.135 χ^2/NDF : 380068.3/7

All: 447.636+/-0.098 χ^2/NDF : 680332.8/13

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 70.220 ± 28.143 $\chi^2/\text{NDF}: 15.6/7$

Right Out: -43.953 ± 25.108 $\chi^2/\text{NDF}: 13.3/18$

Left In: 25.034 ± 31.169 $\chi^2/\text{NDF}: 1.7/5$

Left: 49.926 ± 20.888 $\chi^2/\text{NDF}: 18.5/13$

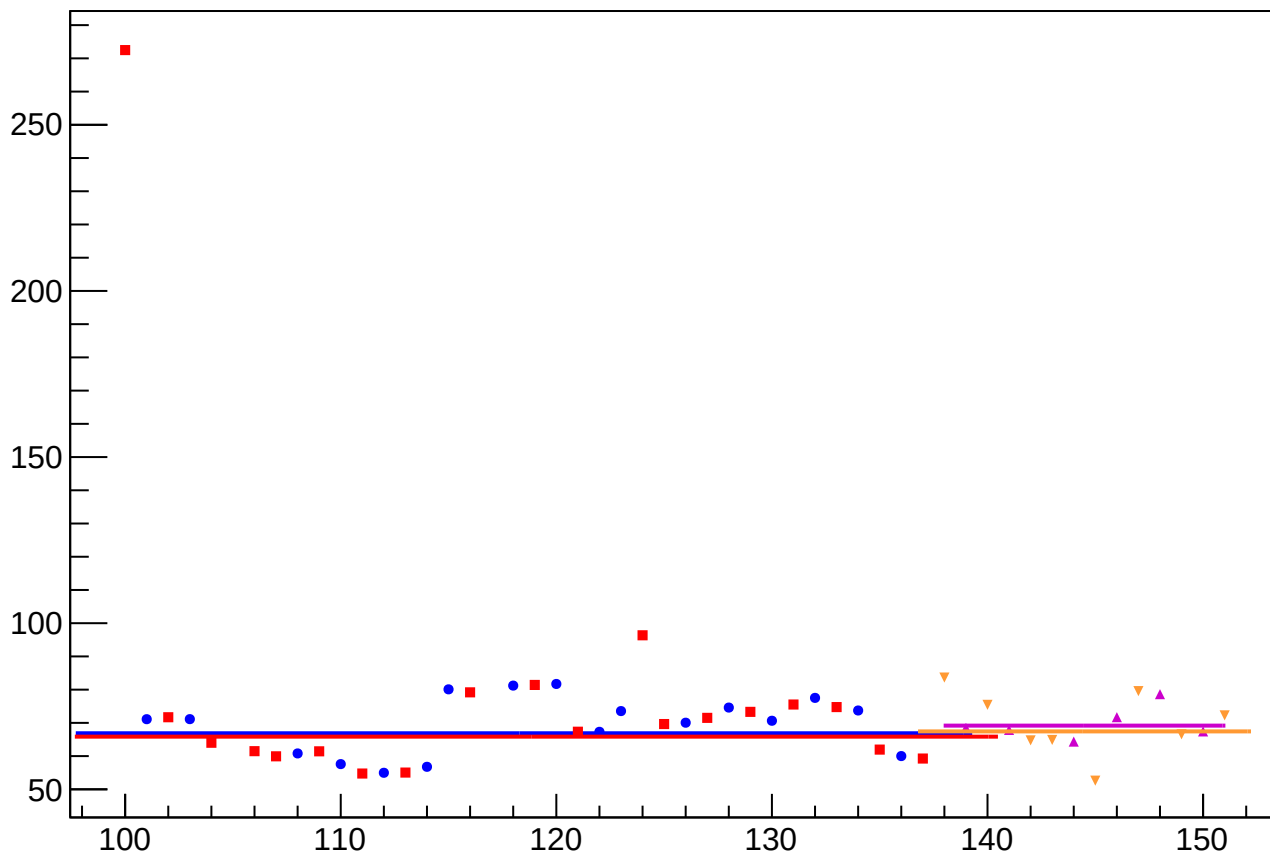
Right: -12.241 ± 18.080 $\chi^2/\text{NDF}: 31.7/35$

In: 23.194 ± 19.990 $\chi^2/\text{NDF}: 16.8/22$

Out: 6.648 ± 18.736 $\chi^2/\text{NDF}: 38.0/26$

All: 14.385 ± 13.670 $\chi^2/\text{NDF}: 55.2/49$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 67.433 $\pm$ 0.020 χ^2 /NDF:241375.6/7

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.174 $\pm$ 0.022 χ^2 /NDF:36646.6/5

Left: 68.215 $\pm$ 0.015 χ^2 /NDF: 281457.5/13

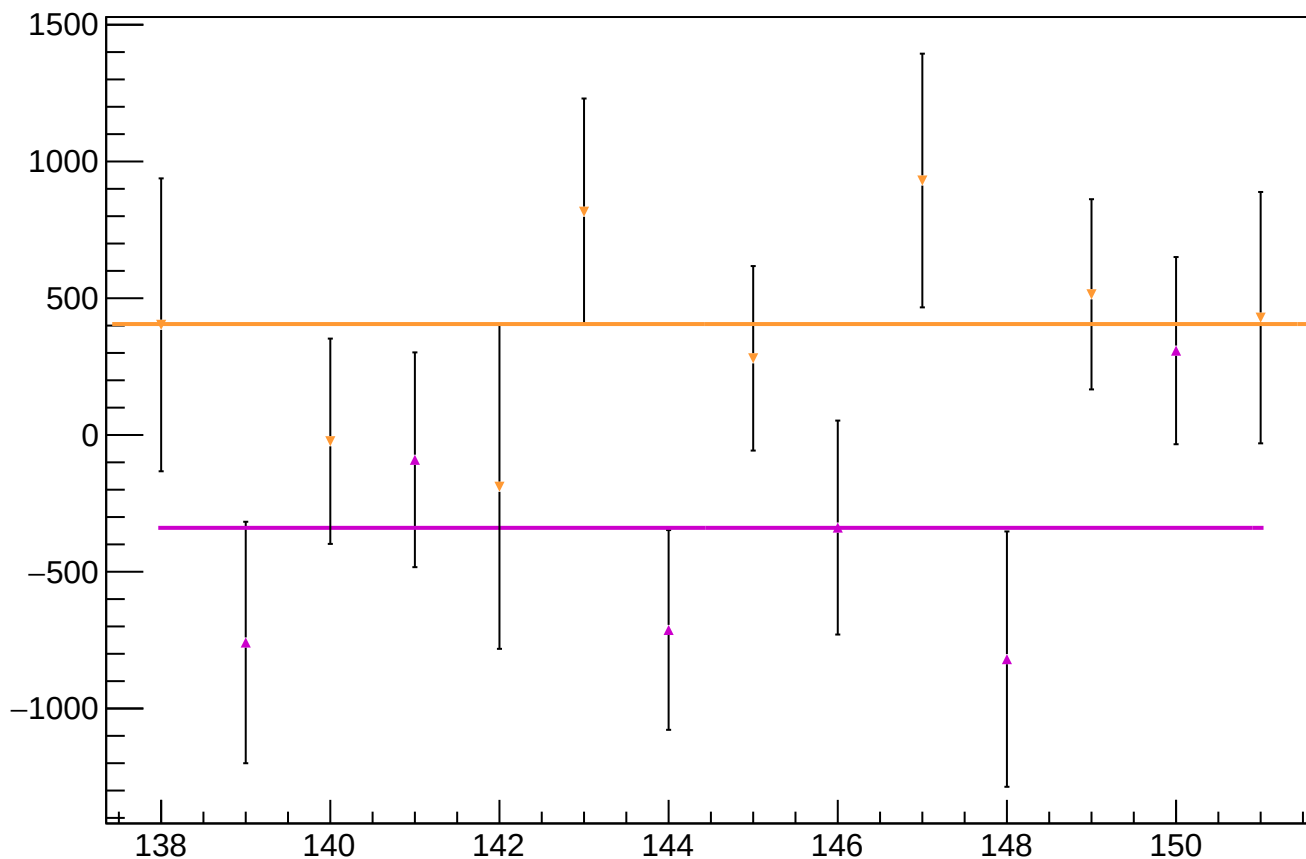
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.819 $\pm$ 0.014 χ^2 /NDF:245581.2/22

Out: 66.554 $\pm$ 0.013 χ^2 /NDF:544754.9/26

All: 67.145 $\pm$ 0.010 χ^2 /NDF: 794598.7/49

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 405.617+/-147.905 χ^2/NDF : 4.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -339.492+/-160.575 χ^2/NDF : 7.0/5

Left: 63.616+/-108.788 χ^2/NDF : 23.5/13

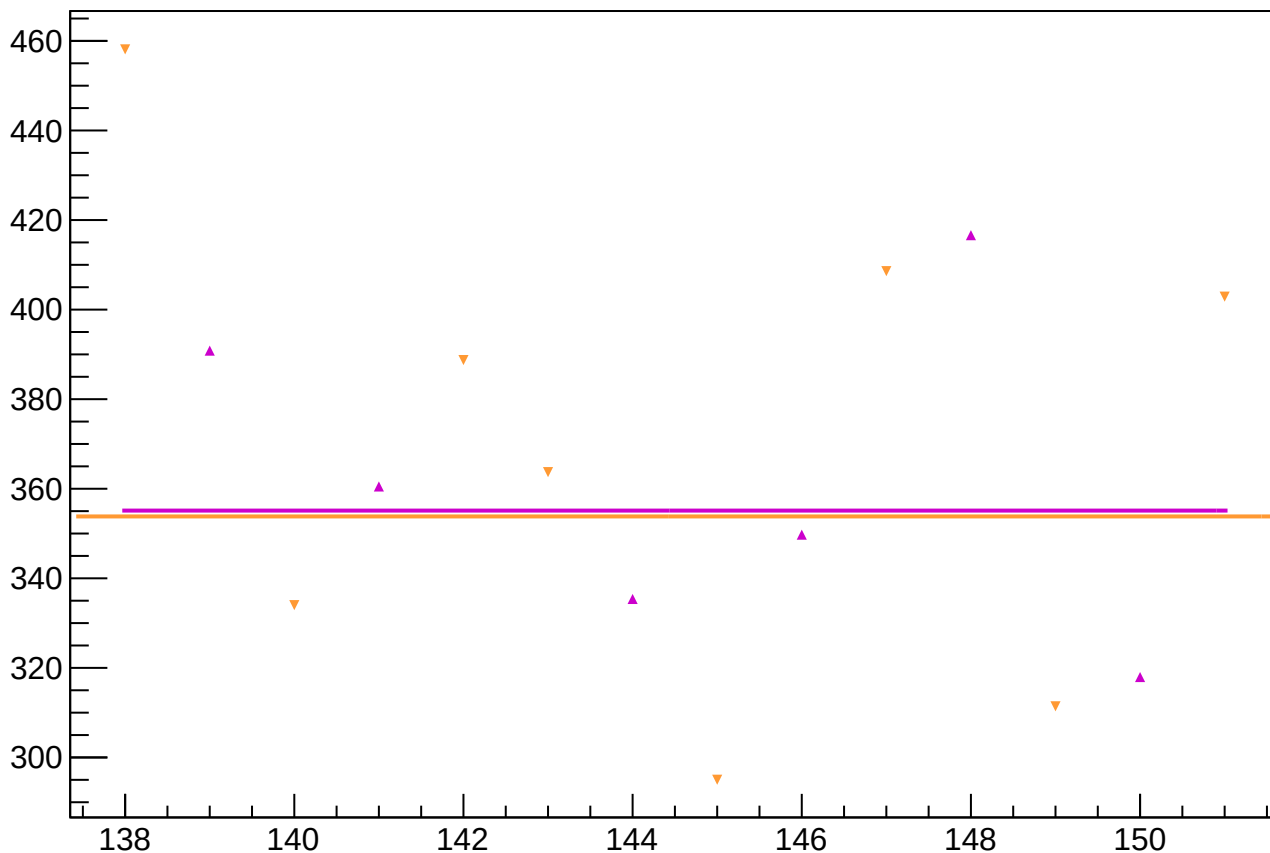
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -339.492+/-160.575 χ^2/NDF : 7.0/5

Out: 405.617+/-147.905 χ^2/NDF : 4.8/7

All: 63.616+/-108.788 χ^2/NDF : 23.5/13

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: 355.124+/-0.114 χ^2/NDF :77989.9/5

Left: 354.417+/-0.077 χ^2/NDF : 308781.7/13

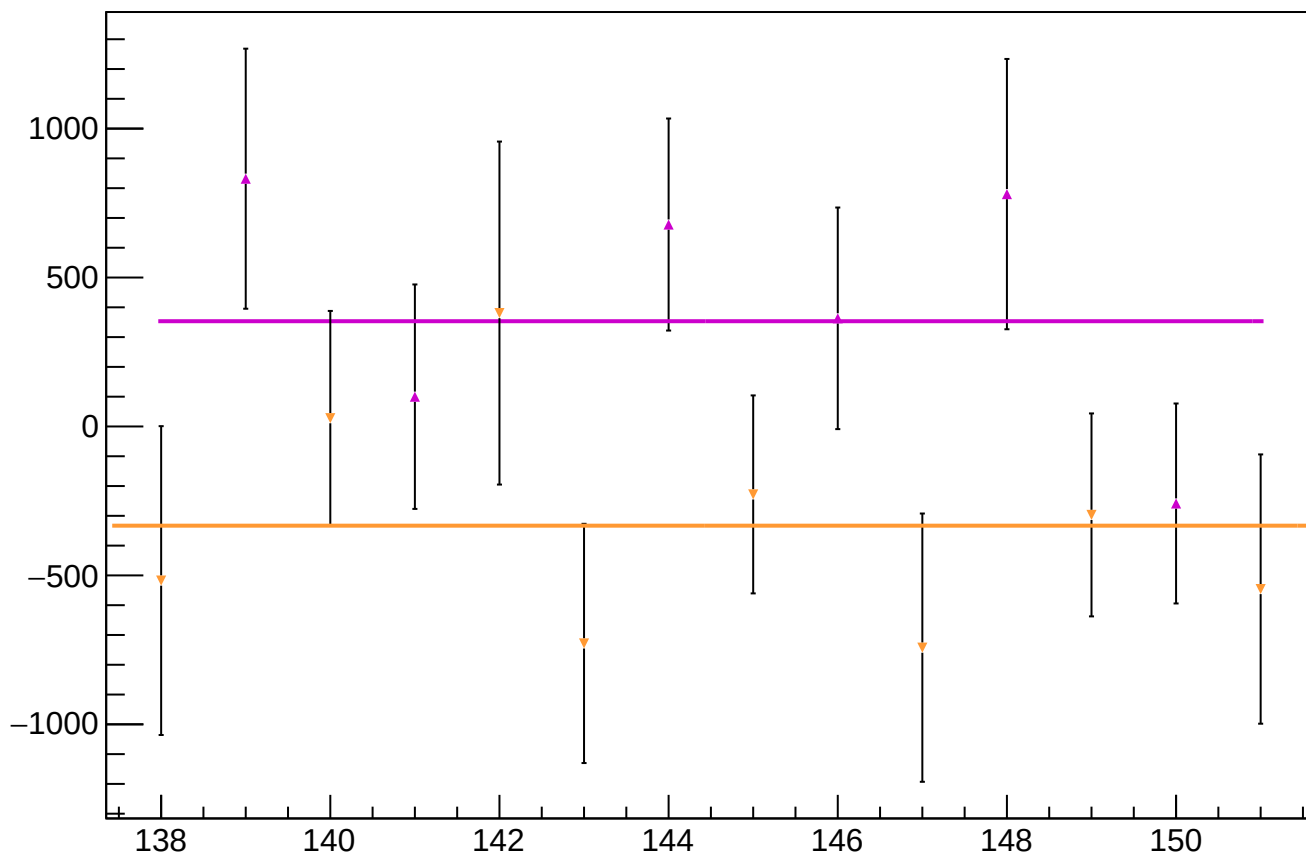
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.124+/-0.114 χ^2/NDF :77989.9/5

Out: 353.817+/-0.105 χ^2/NDF :230720.1/7

All: 354.417+/-0.077 χ^2/NDF : 308781.7/13

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: 353.352 ± 155.894 χ^2/NDF : 6.7/5

Left: -16.754 ± 105.825 χ^2/NDF : 21.9/13

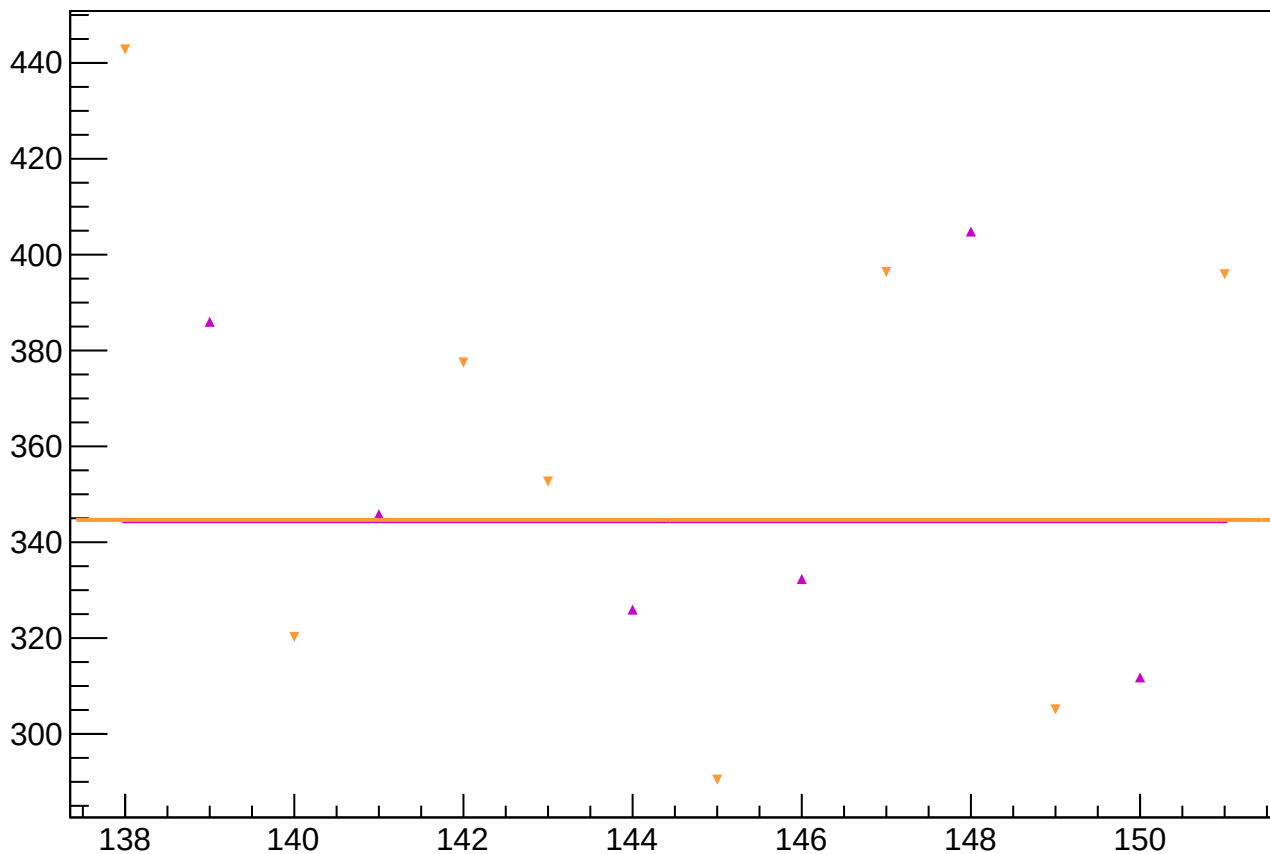
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 353.352 ± 155.894 χ^2/NDF : 6.7/5

Out: -333.046 ± 144.116 χ^2/NDF : 4.8/7

All: -16.754 ± 105.825 χ^2/NDF : 21.9/13

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: 344.393+/-0.110 χ^2/NDF :80017.9/5

Left: 344.537+/-0.075 χ^2/NDF : 300448.1/13

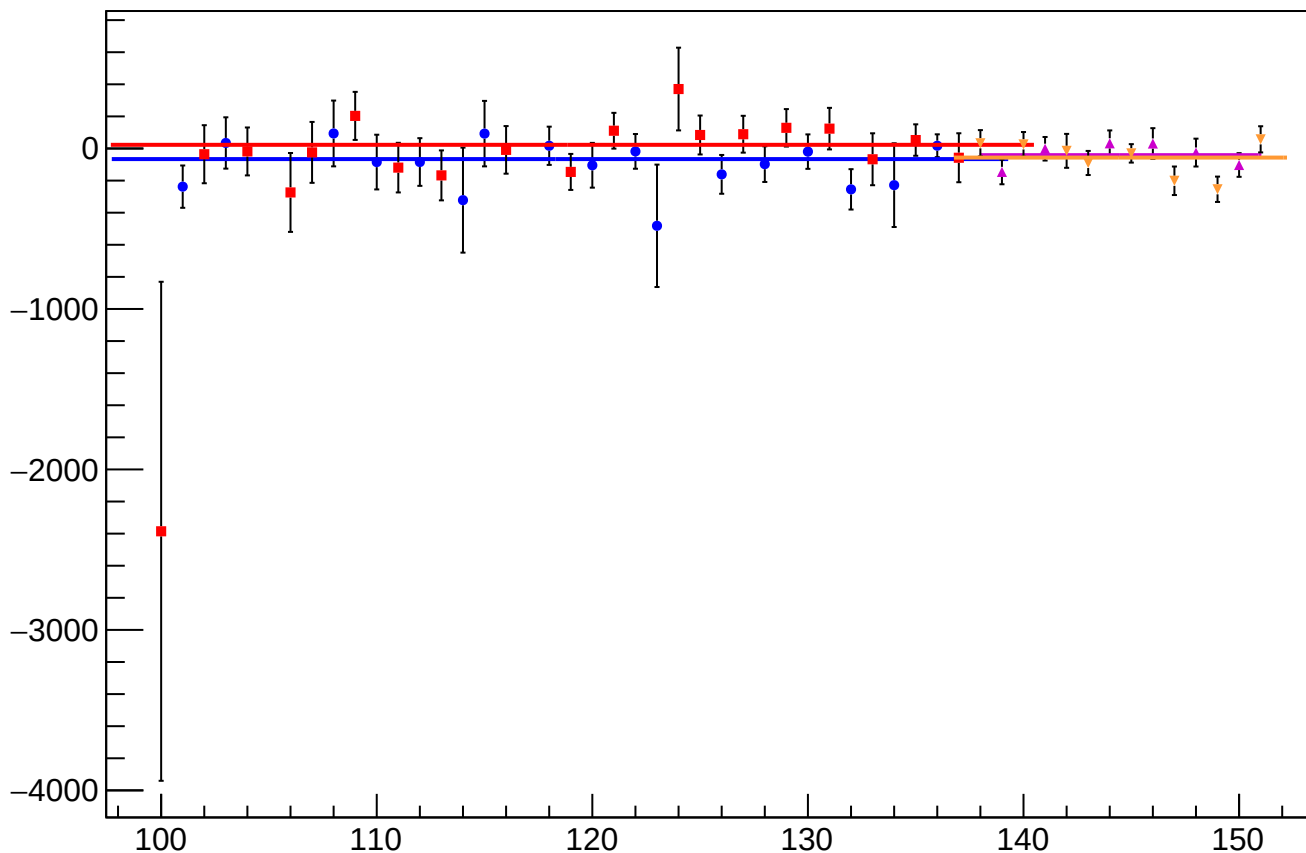
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.393+/-0.110 χ^2/NDF :80017.9/5

Out: 344.659+/-0.102 χ^2/NDF :220427.0/7

All: 344.537+/-0.075 χ^2/NDF : 300448.1/13

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: -41.542 ± 32.710 χ^2/NDF : 4.3/5

Left: -50.380 ± 21.042 χ^2/NDF : 18.1/13

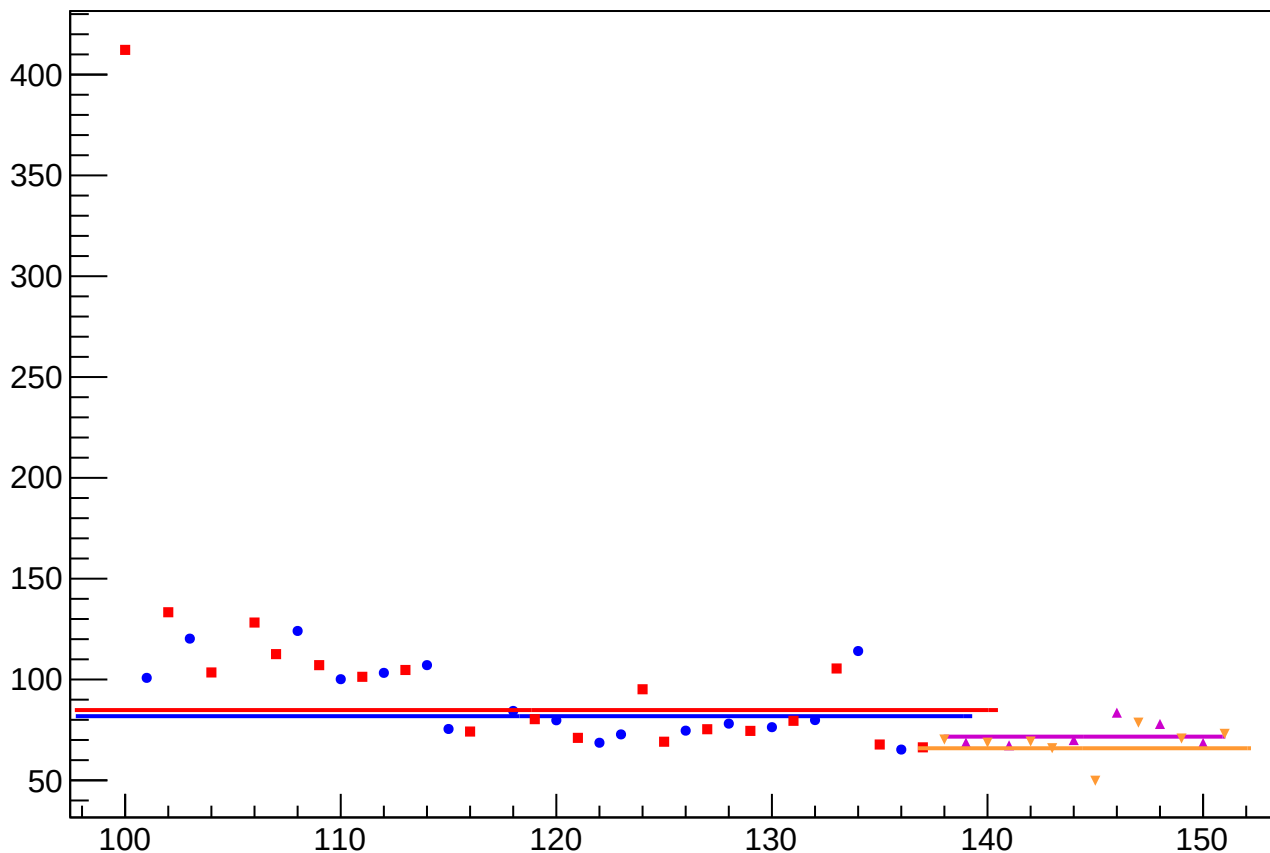
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -53.917 ± 22.979 χ^2/NDF : 15.3/22

Out: -23.793 ± 21.062 χ^2/NDF : 32.5/26

All: -37.546 ± 15.527 χ^2/NDF : 48.8/49

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 ± 0.023 $\chi^2/\text{NDF}: 507195.8/16$

Left Out: 65.896 ± 0.019 $\chi^2/\text{NDF}: 230880.1/7$

Right Out: 84.836 ± 0.023 $\chi^2/\text{NDF}: 704648.9/18$

Left In: 71.657 ± 0.023 $\chi^2/\text{NDF}: 55756.7/5$

Left: 68.280 ± 0.015 $\chi^2/\text{NDF}: 323005.0/13$

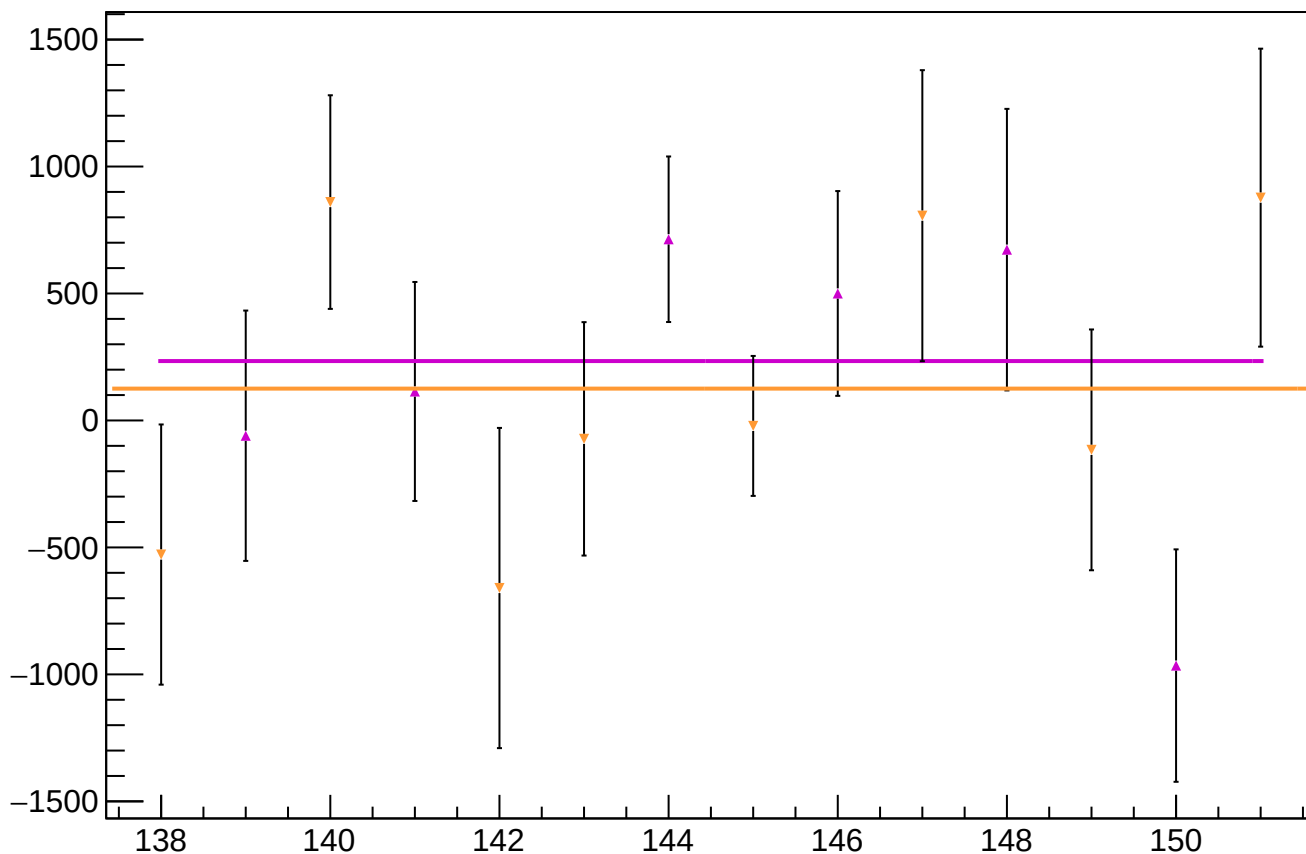
Right: 83.300 ± 0.016 $\chi^2/\text{NDF}: 1220504.3/35$

In: 76.799 ± 0.016 $\chi^2/\text{NDF}: 660517.3/22$

Out: 73.714 ± 0.015 $\chi^2/\text{NDF}: 1327589.7/26$

All: 75.122 ± 0.011 $\chi^2/\text{NDF}: 2007696.2/49$

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: 233.911+/-173.858 χ^2/NDF :10.5/5

Left: 174.348+/-116.755 χ^2/NDF : 20.8/13

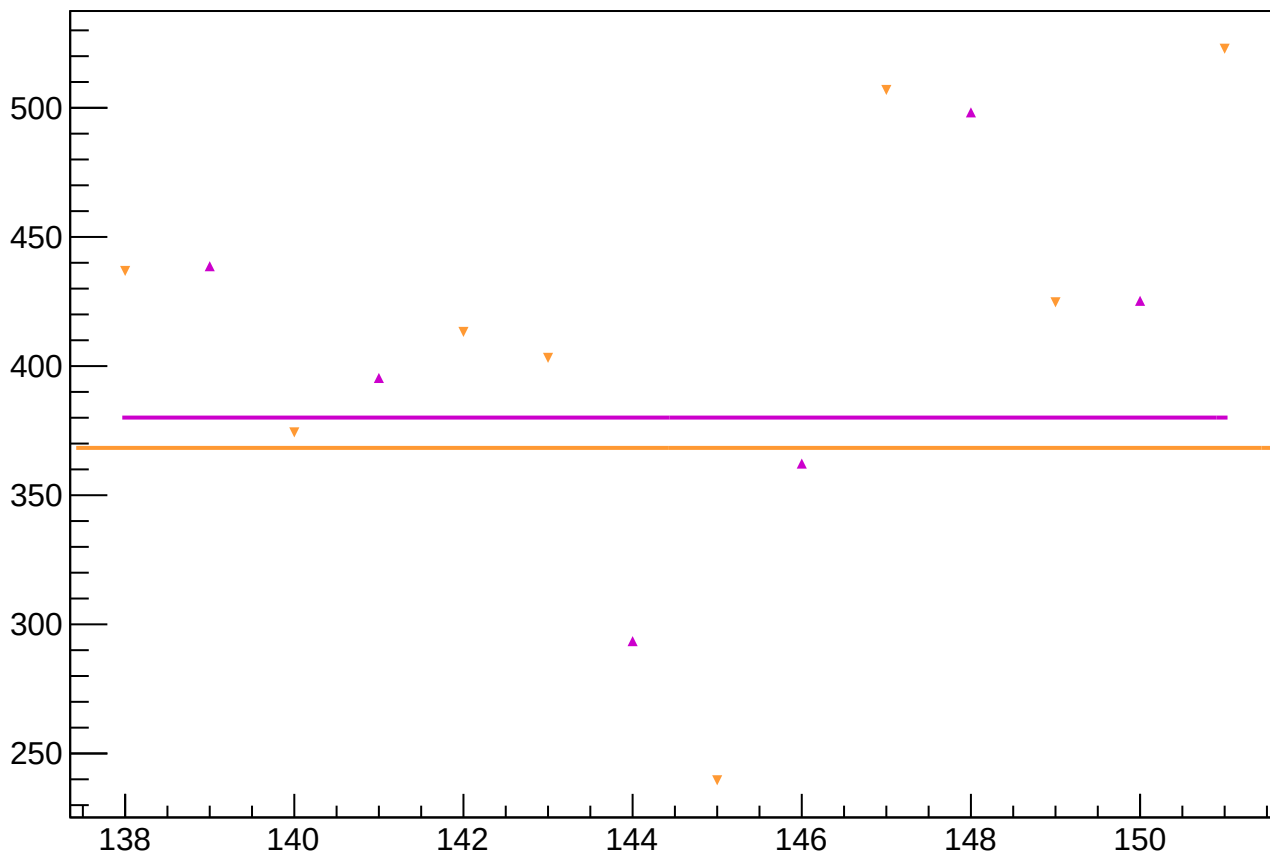
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.911+/-173.858 χ^2/NDF :10.5/5

Out: 125.421+/-157.573 χ^2/NDF :10.0/7

All: 174.348+/-116.755 χ^2/NDF : 20.8/13

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: 380.061+/-0.123 χ^2/NDF : 286156.4/5

Left: 373.616+/-0.083 χ^2/NDF : 1069204.8/13

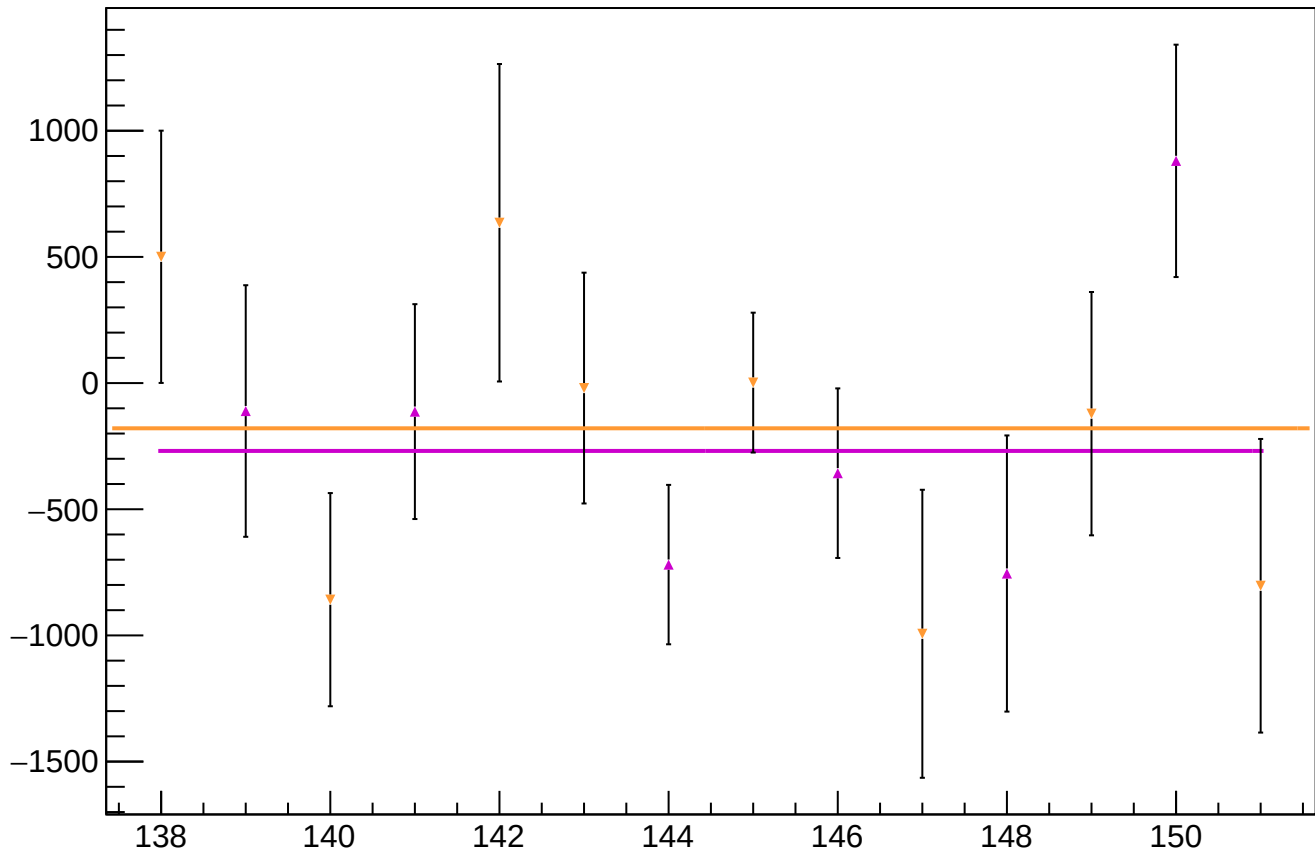
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 380.061+/-0.123 χ^2/NDF : 286156.4/5

Out: 368.322+/-0.111 χ^2/NDF : 778042.7/7

All: 373.616+/-0.083 χ^2/NDF : 1069204.8/13

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: -268.876+/-165.580 χ^2/NDF : 9.4/5

Left: -221.836+/-114.157 χ^2/NDF : 19.4/13

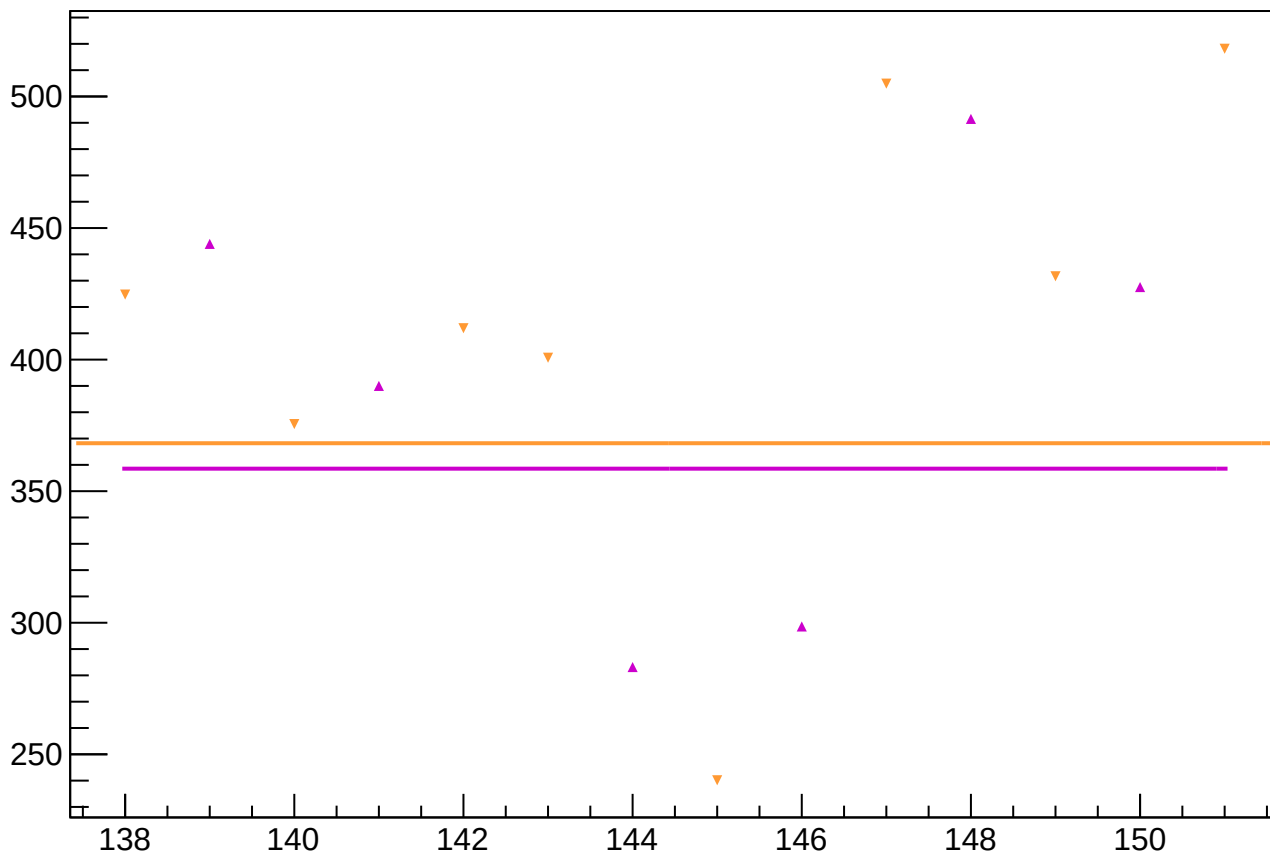
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.876+/-165.580 χ^2/NDF : 9.4/5

Out: -179.219+/-157.601 χ^2/NDF : 9.9/7

All: -221.836+/-114.157 χ^2/NDF : 19.4/13

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: 358.555+/-0.117 χ^2/NDF : 410209.5/5

Left: 363.628+/-0.081 χ^2/NDF : 1169070.2/13

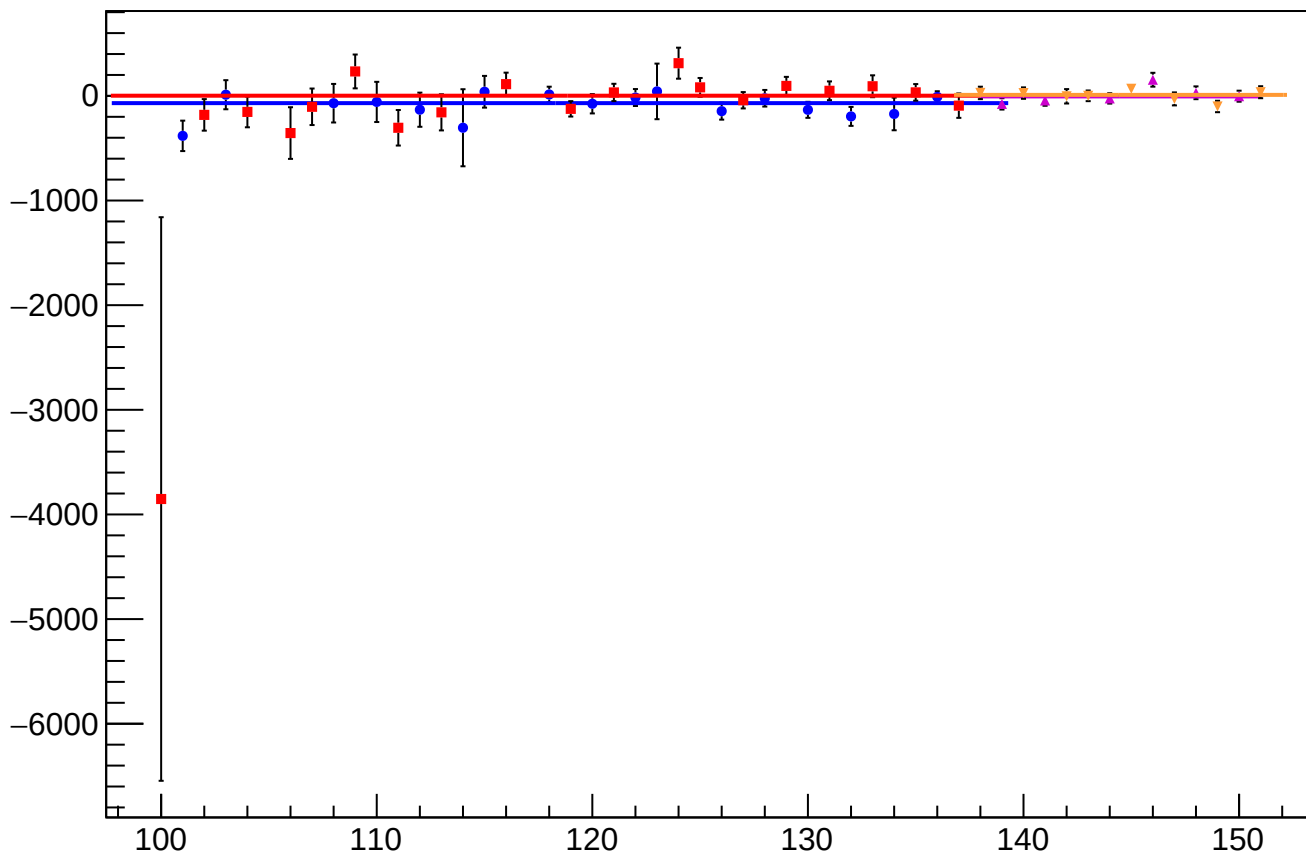
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.555+/-0.117 χ^2/NDF : 410209.5/5

Out: 368.223+/-0.111 χ^2/NDF : 755283.0/7

All: 363.628+/-0.081 χ^2/NDF : 1169070.2/13

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 9.559 ± 19.244 $\chi^2/\text{NDF}: 7.0/7$

Right Out: 1.744 ± 25.186 $\chi^2/\text{NDF}: 25.8/18$

Left In: -5.236 ± 22.413 $\chi^2/\text{NDF}: 8.6/5$

Left: 3.281 ± 14.601 $\chi^2/\text{NDF}: 15.8/13$

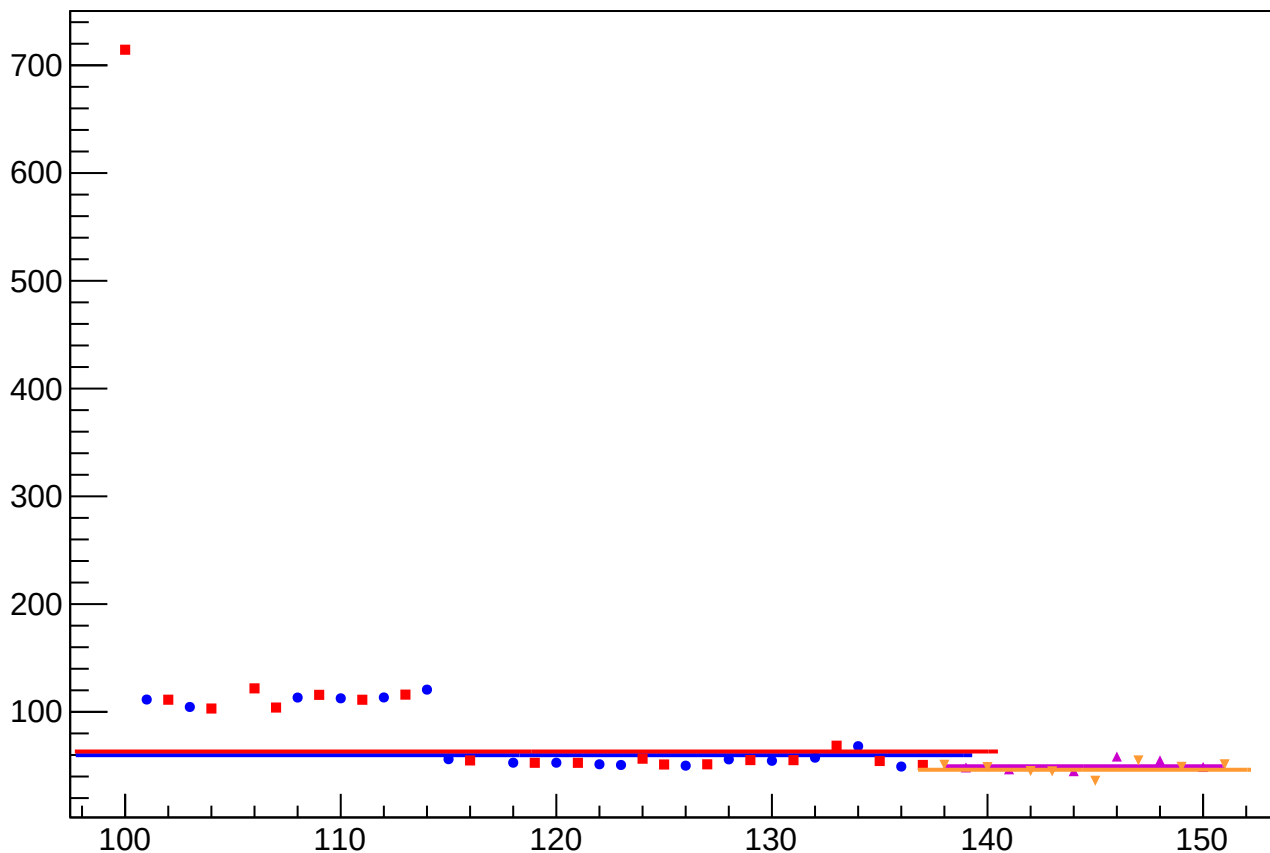
Right: -35.049 ± 17.473 $\chi^2/\text{NDF}: 43.4/35$

In: -34.685 ± 16.463 $\chi^2/\text{NDF}: 25.8/22$

Out: 6.679 ± 15.291 $\chi^2/\text{NDF}: 32.9/26$

All: -12.479 ± 11.204 $\chi^2/\text{NDF}: 62.0/49$

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: 49.522 $\pm$ 0.016 χ^2 /NDF: 77298.9/5

Left: 47.659 $\pm$ 0.010 χ^2 /NDF: 301738.1/13

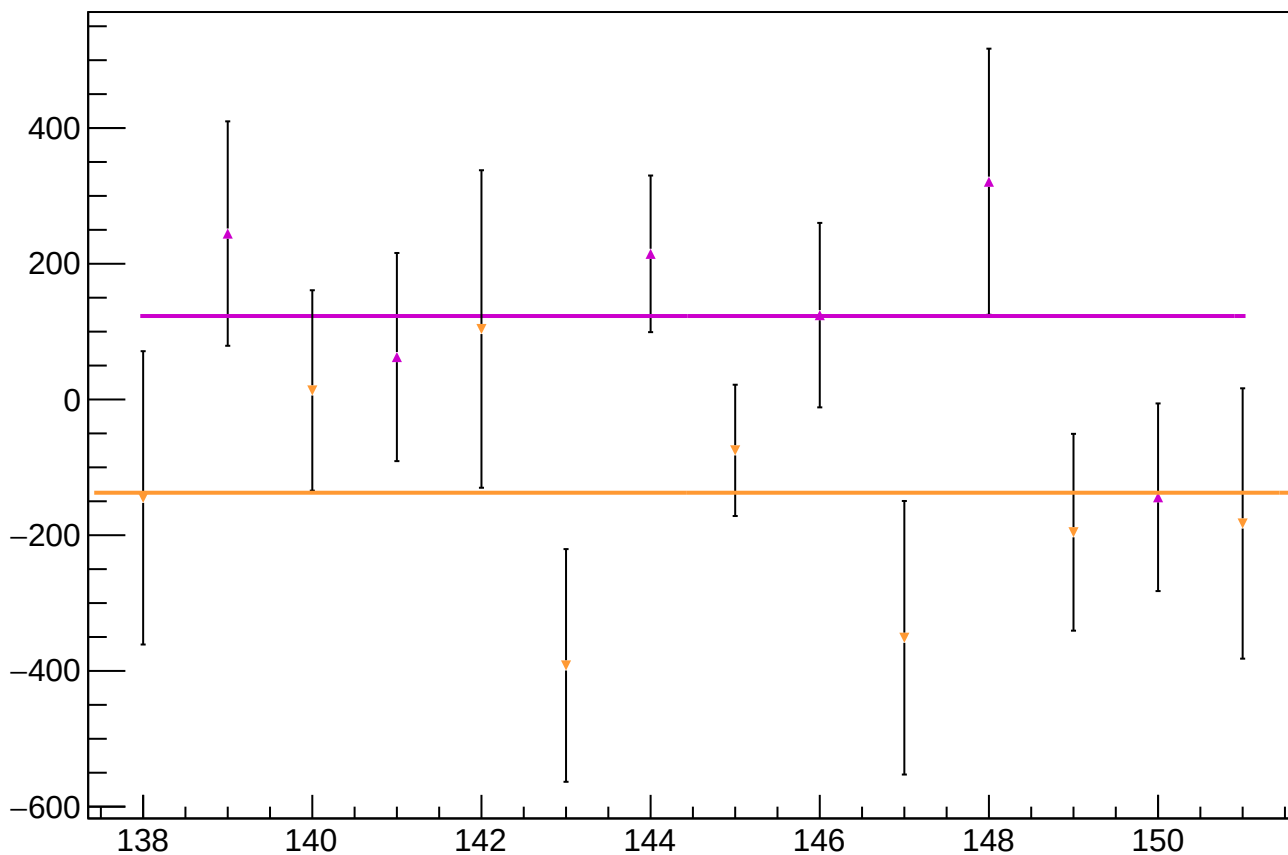
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 54.259 $\pm$ 0.012 χ^2 /NDF: 1501287.7/22

Out: 52.528 $\pm$ 0.011 χ^2 /NDF: 2275800.6/26

All: 53.330 $\pm$ 0.008 χ^2 /NDF: 3788949.7/49

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: 123.007+/-59.064 χ^2/NDF : 6.1/5

Left: -15.117+/-40.474 χ^2/NDF : 22.5/13

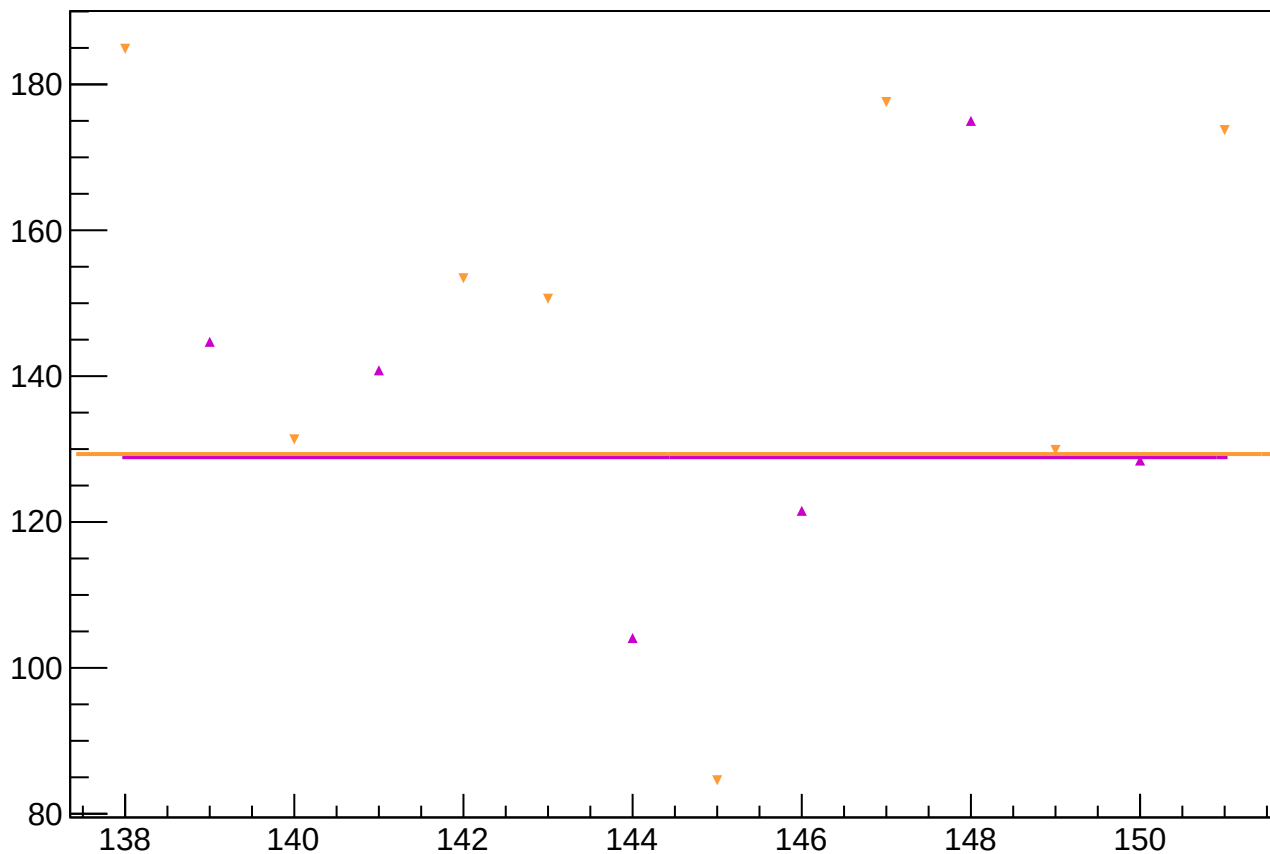
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.007+/-59.064 χ^2/NDF : 6.1/5

Out: -137.396+/-55.573 χ^2/NDF : 6.1/7

All: -15.117+/-40.474 χ^2/NDF : 22.5/13

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: 128.893+/-0.042 χ^2/NDF :239183.7/5

Left: 129.118+/-0.029 χ^2/NDF : 1065644.6/13

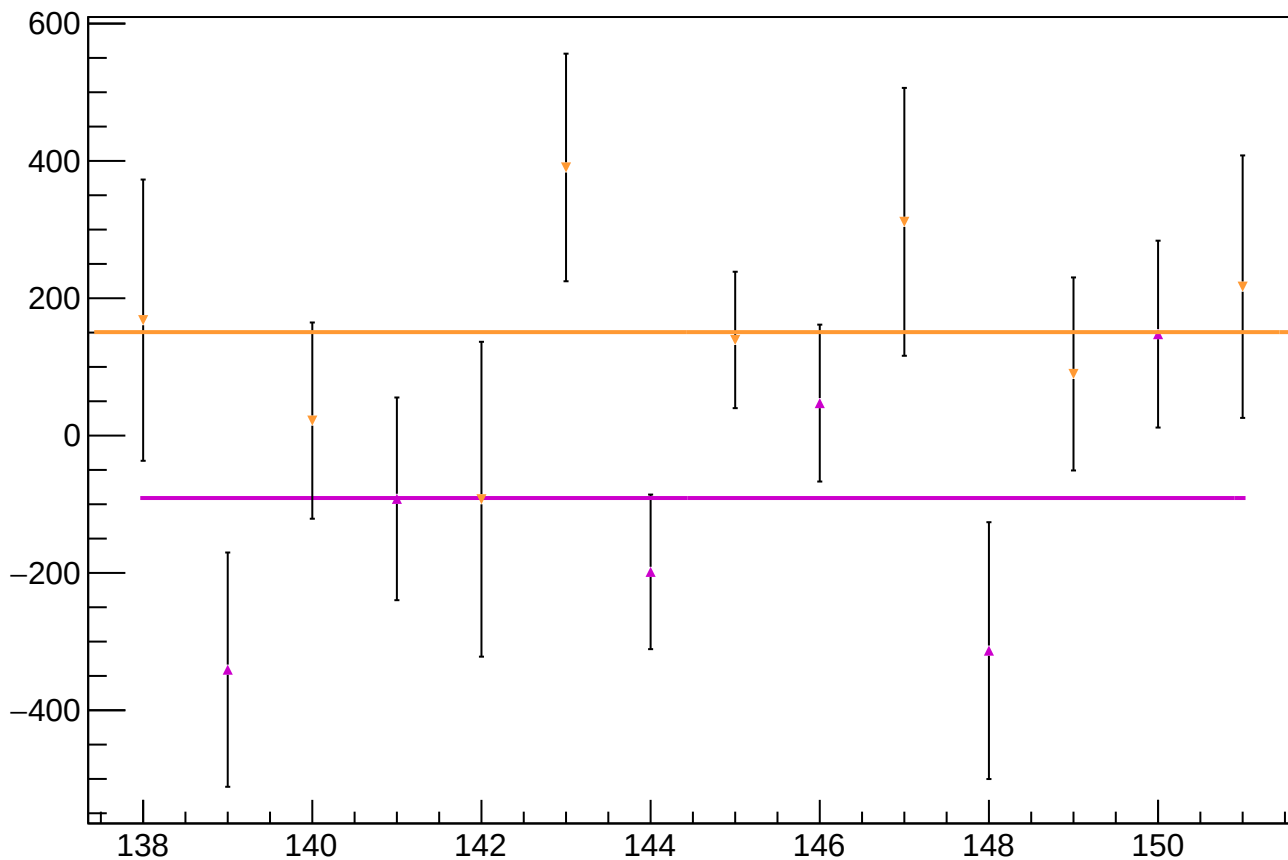
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.893+/-0.042 χ^2/NDF :239183.7/5

Out: 129.318+/-0.039 χ^2/NDF :826406.0/7

All: 129.118+/-0.029 χ^2/NDF : 1065644.6/13

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: -90.925+/-56.039 χ^2/NDF : 9.0/5

Left: 32.744+/-39.153 χ^2/NDF : 23.6/13

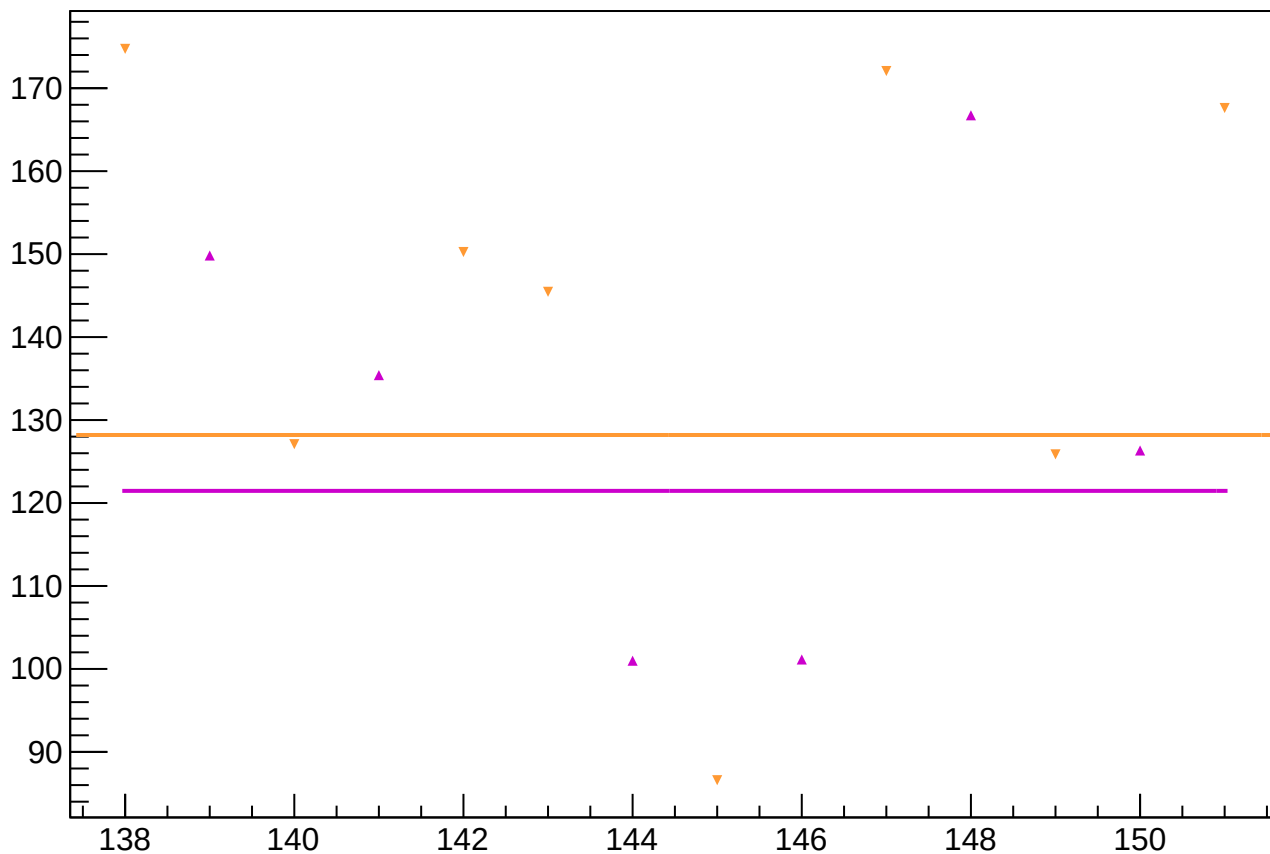
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -90.925+/-56.039 χ^2/NDF : 9.0/5

Out: 150.684+/-54.726 χ^2/NDF : 5.0/7

All: 32.744+/-39.153 χ^2/NDF : 23.6/13

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: 121.463+/-0.040 χ^2/NDF : 322381.6/5

Left: 124.911+/-0.028 χ^2/NDF : 1018571.2/13

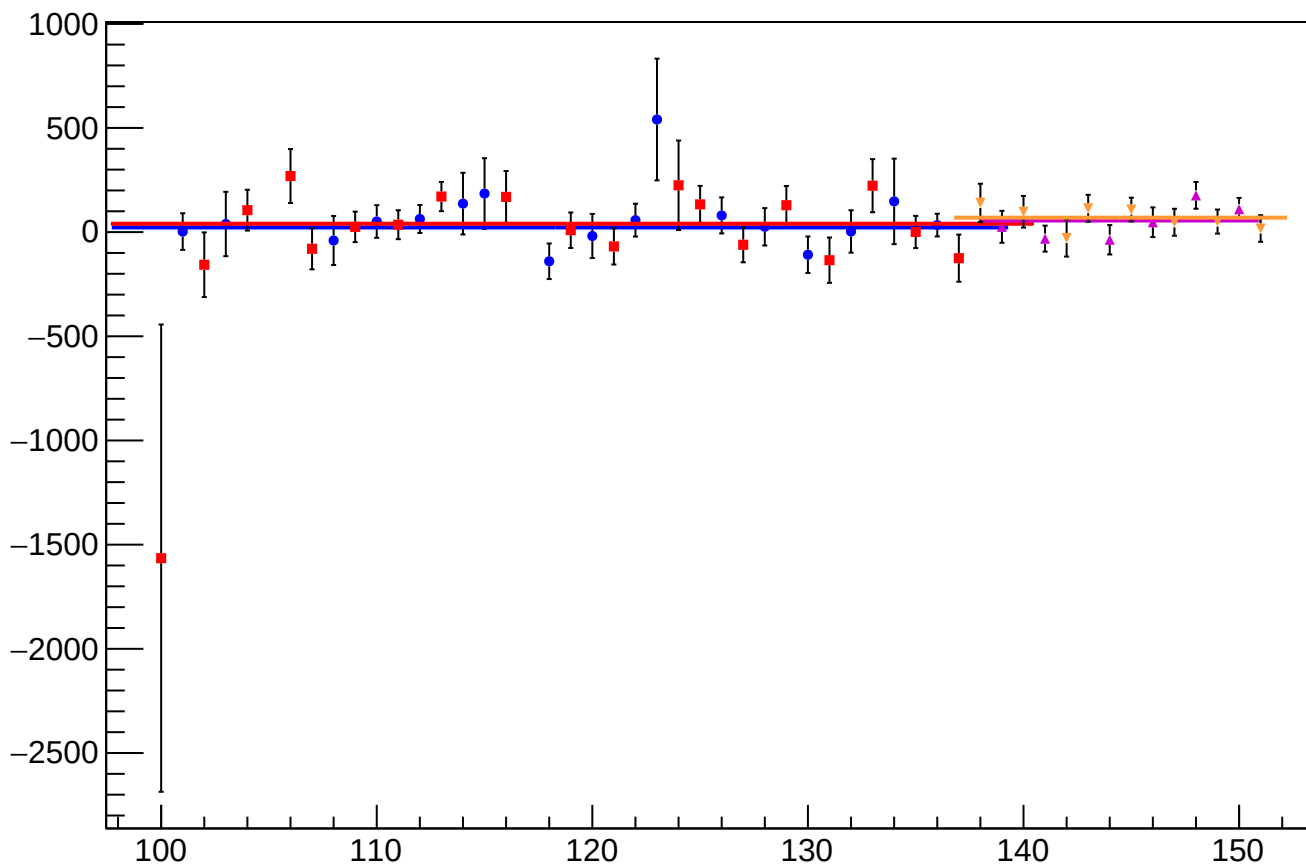
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.463+/-0.040 χ^2/NDF : 322381.6/5

Out: 128.198+/-0.039 χ^2/NDF : 681404.2/7

All: 124.911+/-0.028 χ^2/NDF : 1018571.2/13

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: 55.664 $\pm$ 26.656 χ^2 /NDF: 8.4/5

Left: 63.263 $\pm$ 17.800 χ^2 /NDF: 12.3/13

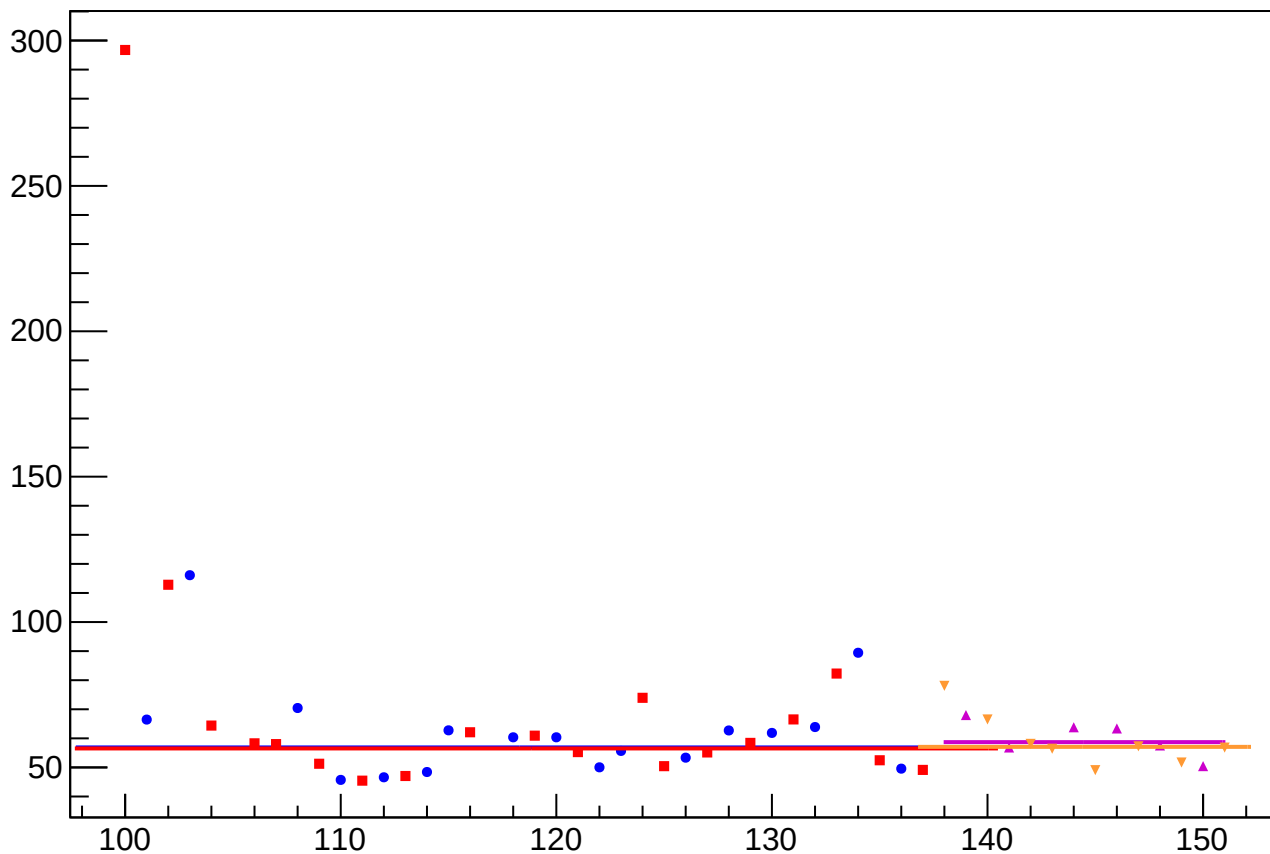
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 36.307 $\pm$ 17.249 χ^2 /NDF: 21.9/22

Out: 53.686 $\pm$ 16.243 χ^2 /NDF: 30.8/26

All: 45.518 $\pm$ 11.825 χ^2 /NDF: 53.2/49

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: 58.699 $\pm$ 0.019 χ^2 /NDF: 97356.6/5

Left: 57.797 $\pm$ 0.013 χ^2 /NDF: 293820.9/13

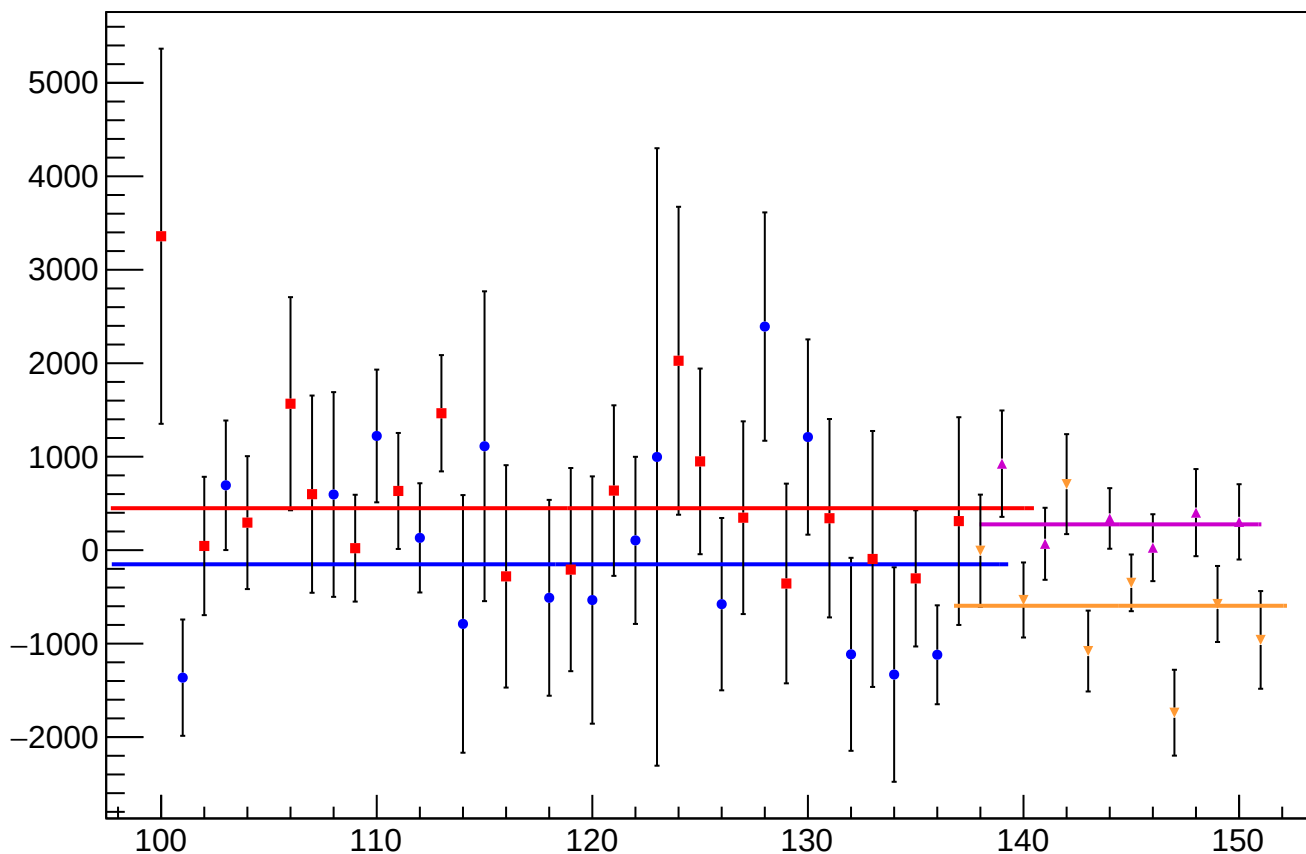
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.641 $\pm$ 0.012 χ^2 /NDF: 678266.1/22

Out: 56.779 $\pm$ 0.011 χ^2 /NDF: 805164.4/26

All: 57.184 $\pm$ 0.008 χ^2 /NDF: 1486080.3/49

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -594.936+/-152.273 χ^2/NDF :15.5/7

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 276.082+/-162.430 χ^2/NDF :2.2/5

Left: -187.510+/-111.091 χ^2/NDF : 33.0/13

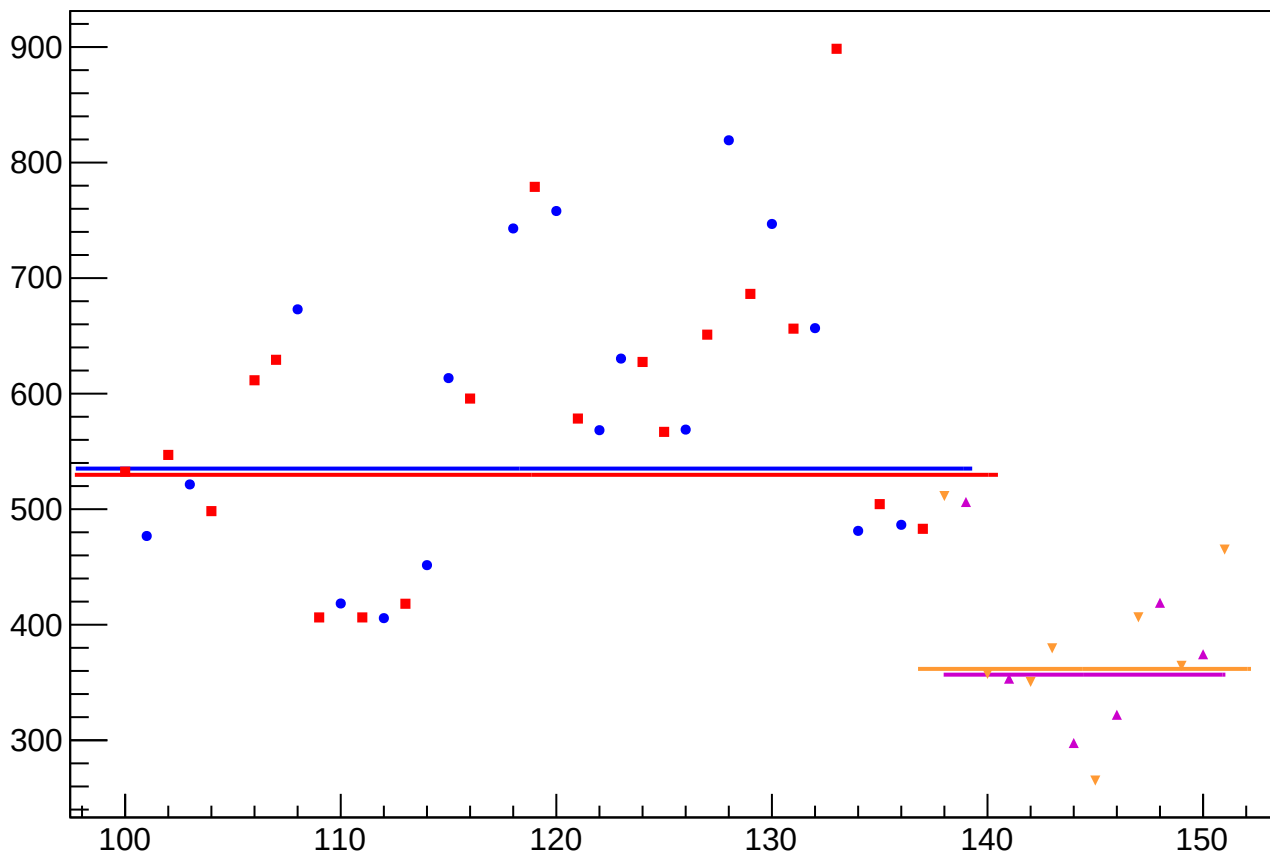
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 118.456+/-129.036 χ^2/NDF :27.2/22

Out: -221.430+/-122.027 χ^2/NDF :42.9/26

All: -60.969+/-88.660 χ^2/NDF : 73.7/49

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: 356.779 $\pm$ 0.115 χ^2 /NDF: 262956.7/5

Left: 359.433 $\pm$ 0.079 χ^2 /NDF: 692754.4/13

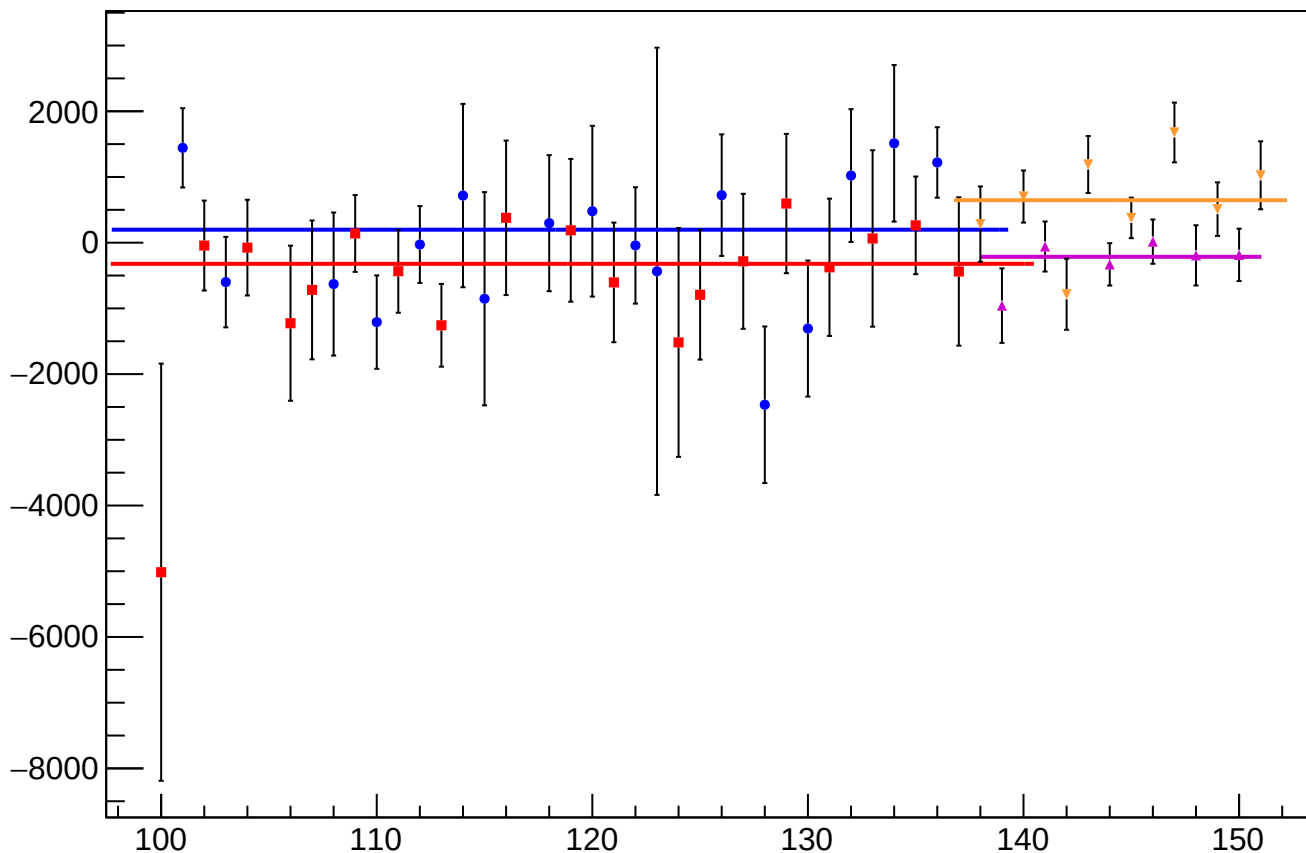
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 422.577 $\pm$ 0.091 χ^2 /NDF: 1748660.6/22

Out: 421.872 $\pm$ 0.086 χ^2 /NDF: 1946413.4/26

All: 422.205 $\pm$ 0.063 χ^2 /NDF: 3695105.6/49

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: -215.411 $\pm$ 159.086 χ^2 /NDF:2.5/5

Left: 234.845 $\pm$ 109.929 χ^2 /NDF: 33.4/13

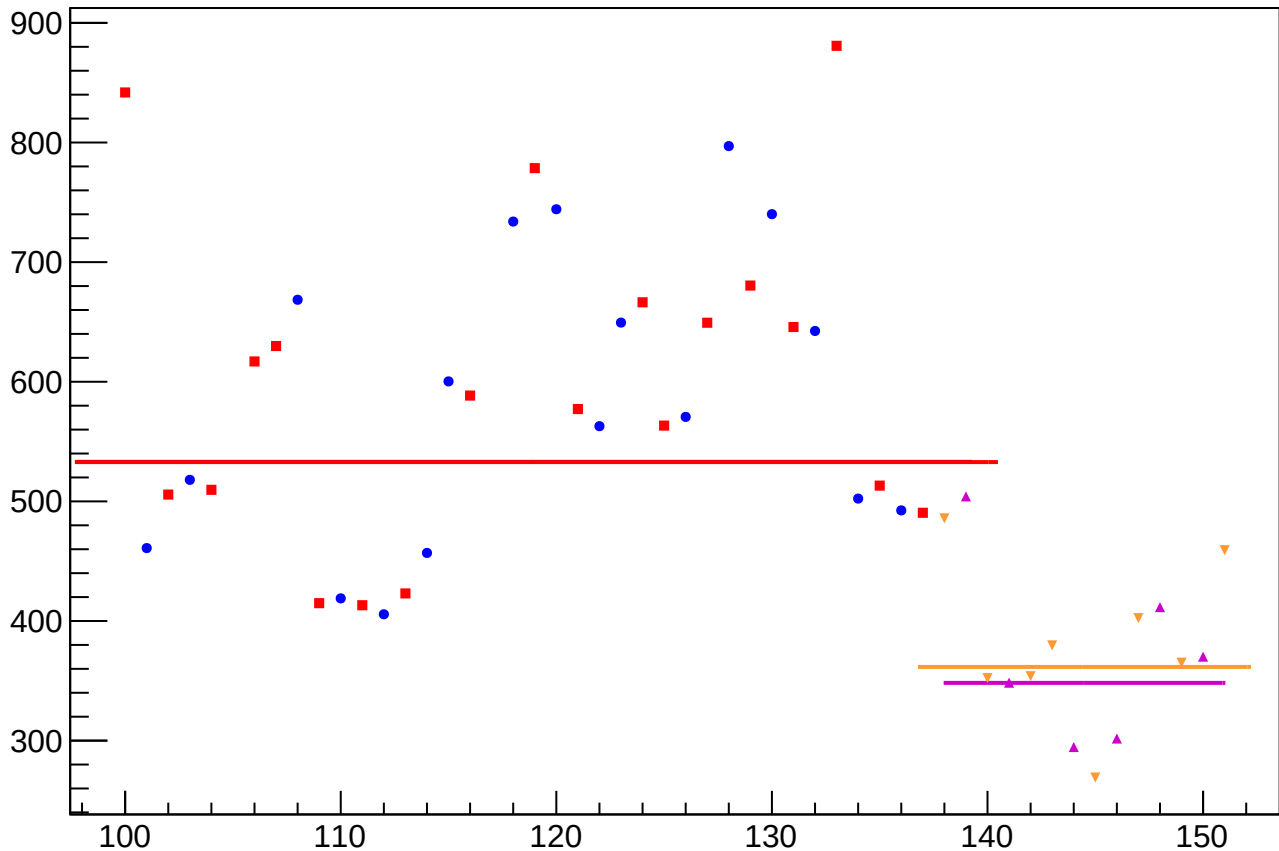
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -66.170 $\pm$ 127.131 χ^2 /NDF:28.9/22

Out: 303.312 $\pm$ 122.194 χ^2 /NDF:38.8/26

All: 125.885 $\pm$ 88.098 χ^2 /NDF: 72.1/49

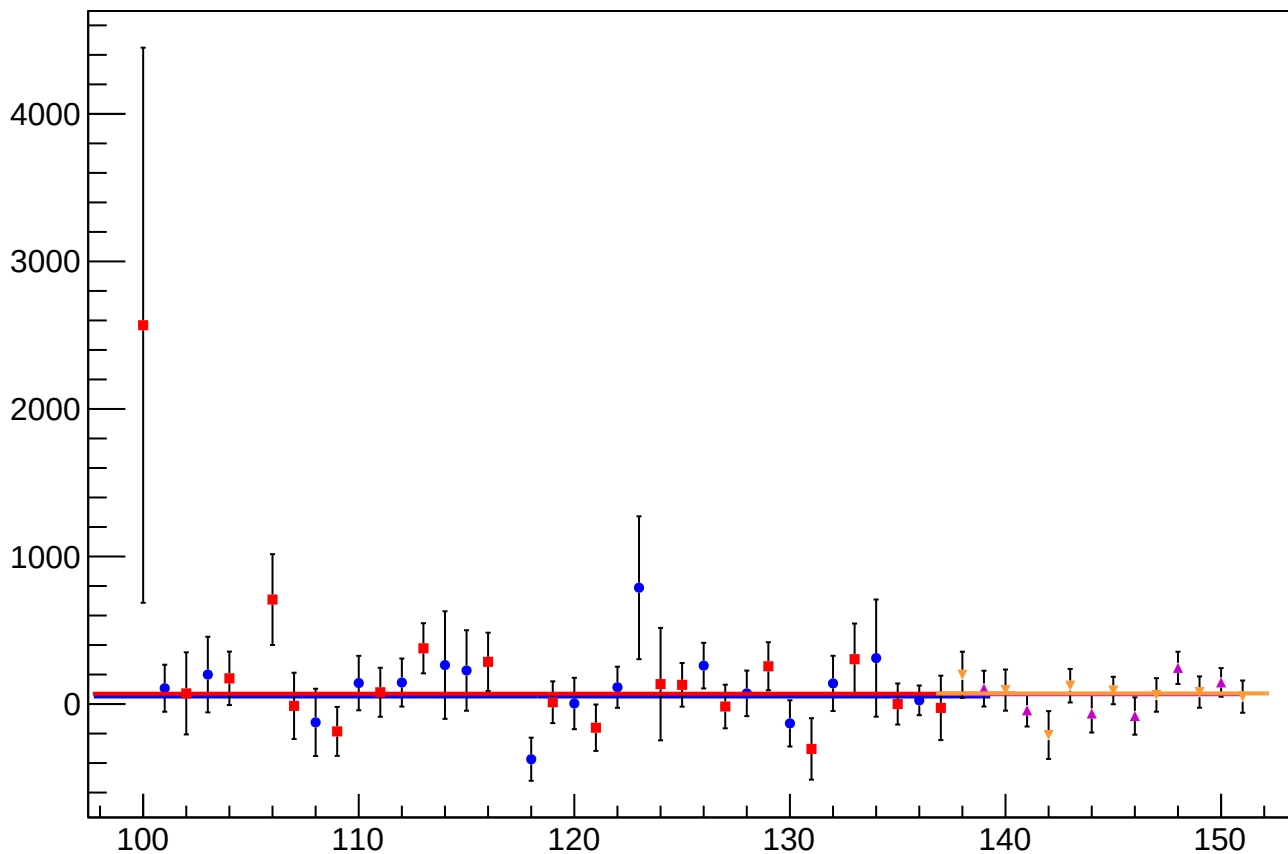
asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16
 Left Out: 361.611 $\pm$ 0.108 χ^2/NDF : 365912.2/7
 Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18
 Left In: 348.287 $\pm$ 0.112 χ^2/NDF : 289059.3/5

Left: 355.249 $\pm$ 0.078 χ^2/NDF : 662302.4/13
 Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35
 In: 415.051 $\pm$ 0.090 χ^2/NDF : 1830619.1/22
 Out: 422.295 $\pm$ 0.086 χ^2/NDF : 1881546.1/26
 All: 418.816 $\pm$ 0.062 χ^2/NDF : 3715541.3/49

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 72.159 $\pm$ 41.764 χ^2 /NDF: 4.0/7

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 66.497 $\pm$ 46.466 χ^2 /NDF: 6.8/5

Left: 69.629 $\pm$ 31.061 χ^2 /NDF: 10.9/13

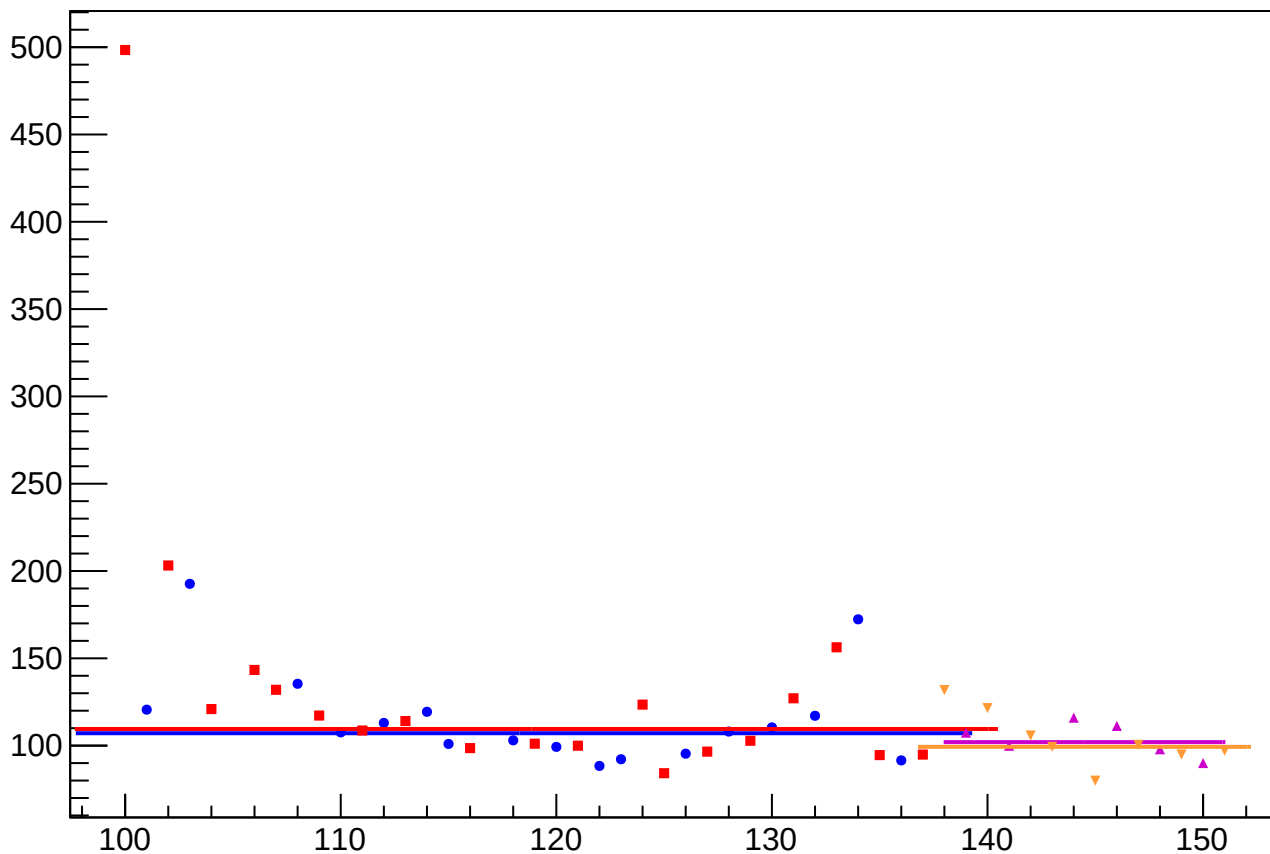
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 58.134 $\pm$ 31.327 χ^2 /NDF: 24.3/22

Out: 71.141 $\pm$ 29.888 χ^2 /NDF: 26.2/26

All: 64.943 $\pm$ 21.625 χ^2 /NDF: 50.5/49

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: 102.006 $\pm$ 0.033 χ^2 /NDF: 72202.0/5

Left: 100.507 $\pm$ 0.022 χ^2 /NDF: 307351.5/13

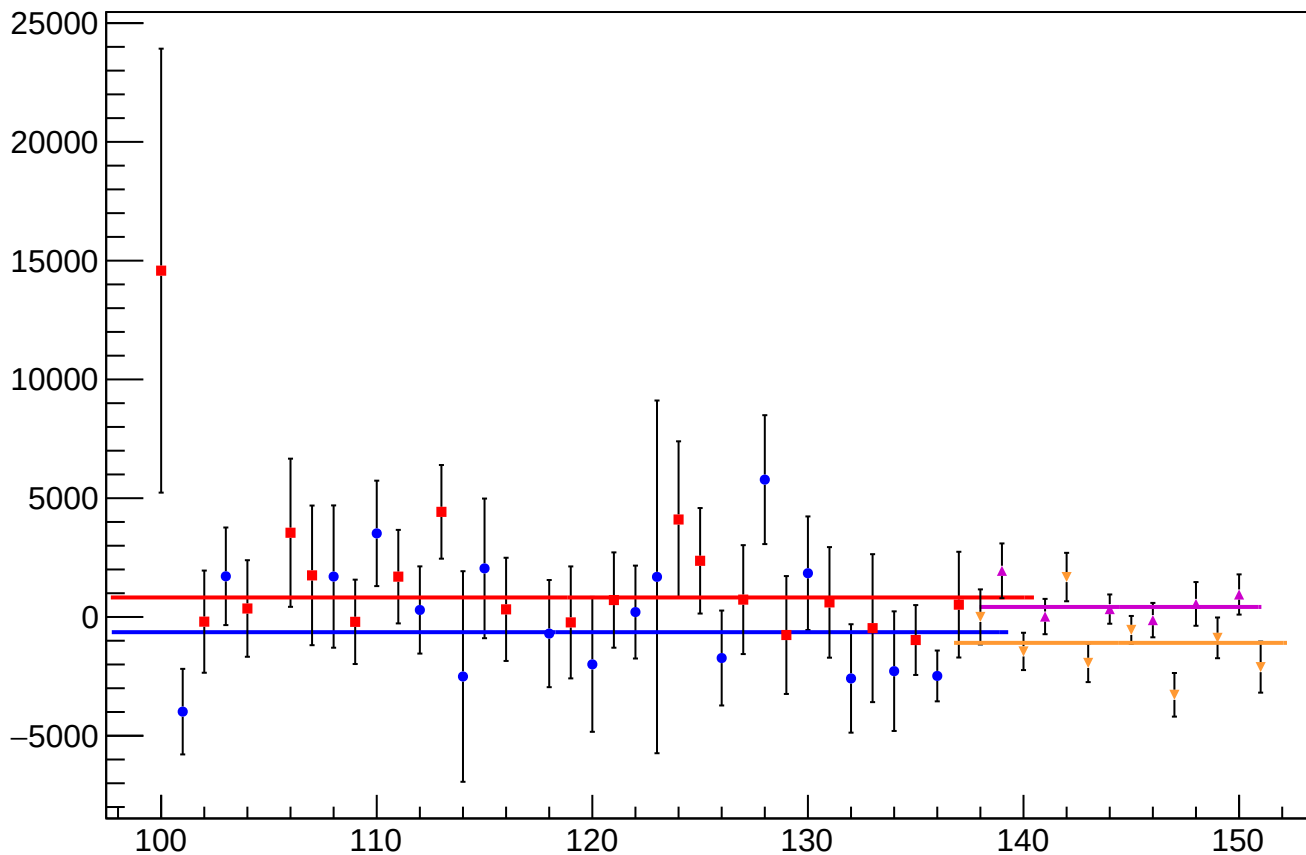
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 104.781 $\pm$ 0.022 χ^2 /NDF: 523036.7/22

Out: 104.289 $\pm$ 0.021 χ^2 /NDF: 881493.4/26

All: 104.524 $\pm$ 0.015 χ^2 /NDF: 1404788.3/49

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: 422.246+/-321.365 χ^2/NDF : 3.0/5

Left: -387.524+/-218.995 χ^2/NDF : 32.0/13

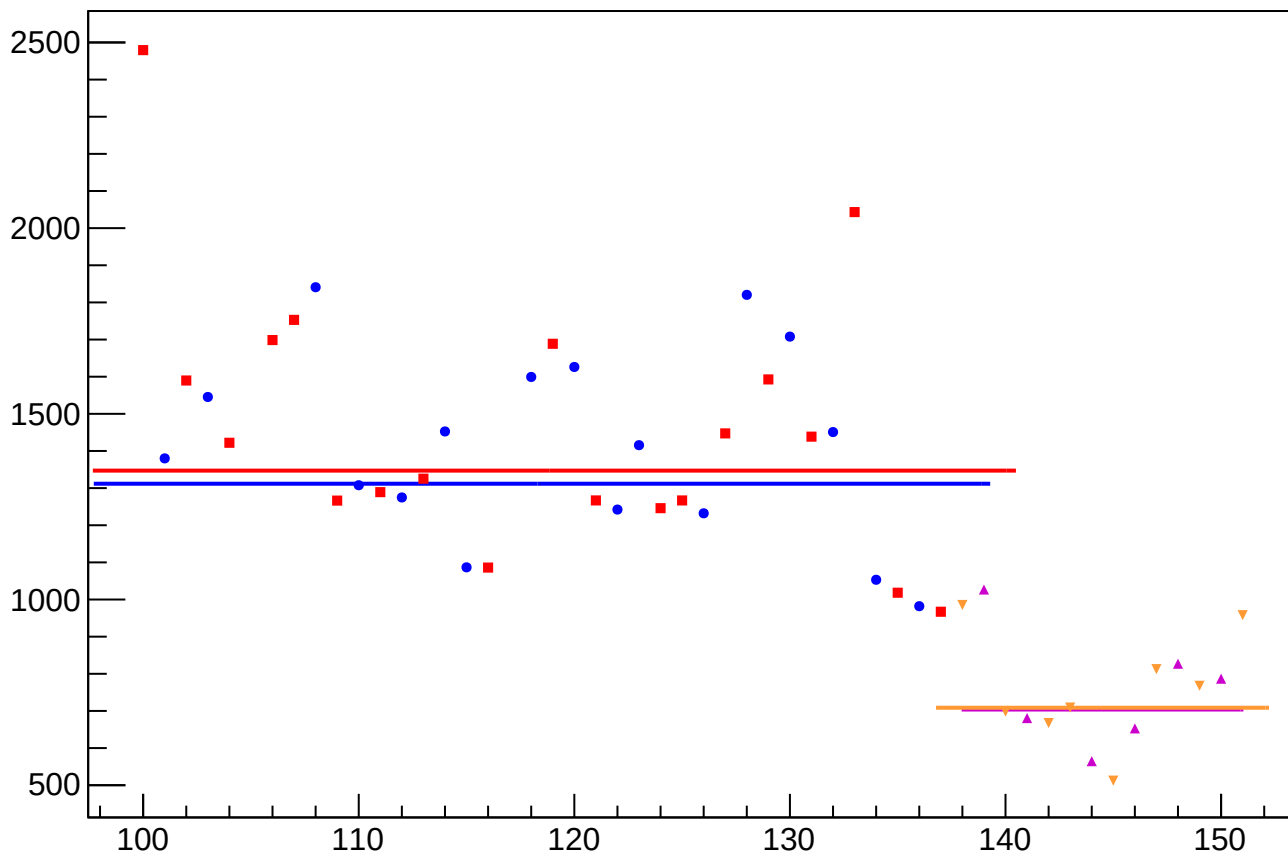
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 128.092+/-273.263 χ^2/NDF : 27.8/22

Out: -608.181+/-258.811 χ^2/NDF : 38.3/26

All: -260.028+/-187.909 χ^2/NDF : 70.0/49

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 708.619+/-0.212 χ^2/NDF : 483780.9/7

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 703.755+/-0.227 χ^2/NDF : 326123.1/5

Left: 706.360+/-0.155 χ^2/NDF : 810149.3/13

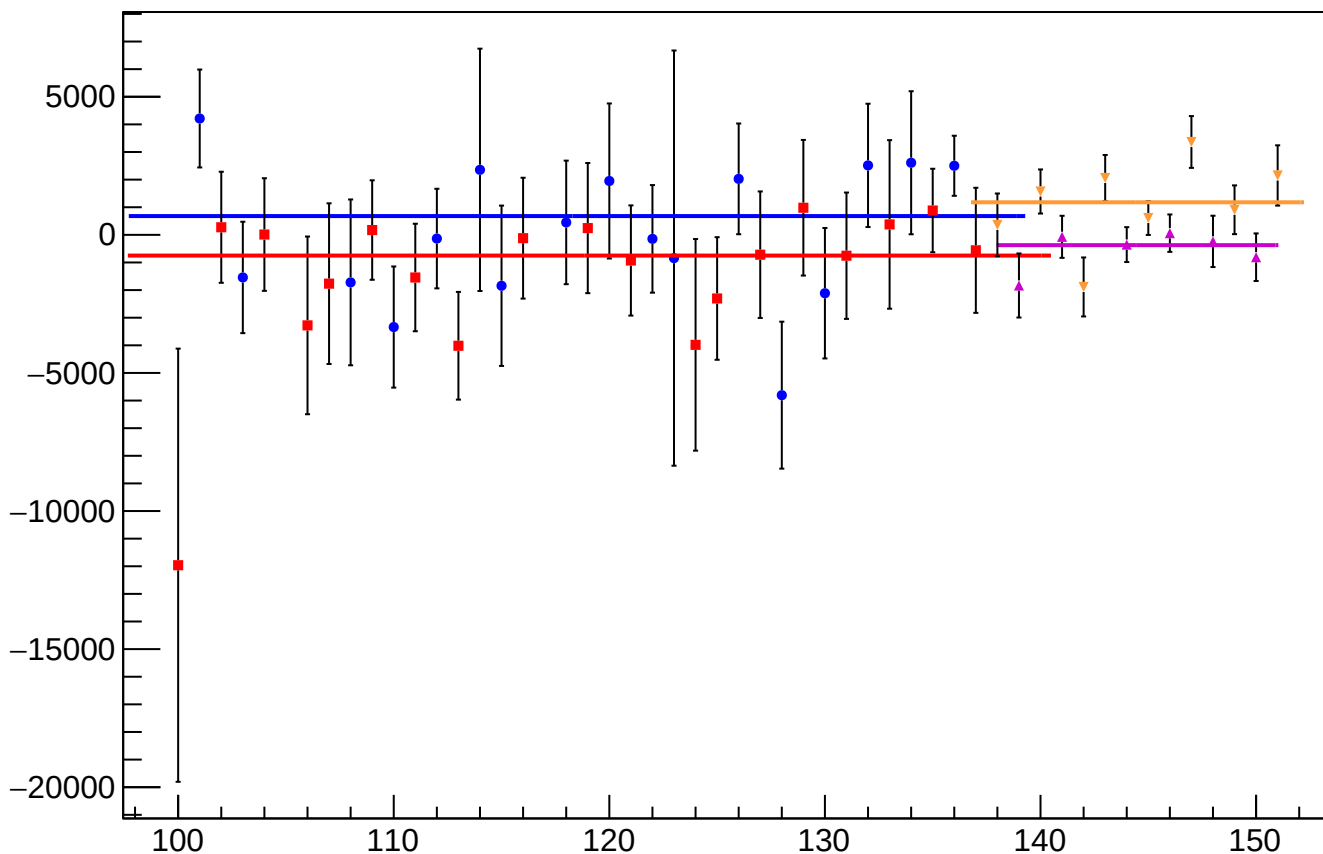
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 872.156+/-0.193 χ^2/NDF : 2821732.3/22

Out: 869.459+/-0.183 χ^2/NDF : 3268142.0/26

All: 870.734+/-0.133 χ^2/NDF : 6089977.1/49

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: -372.672 $\pm$ 321.669 χ^2 /NDF:2.4/5

Left: 438.554 $\pm$ 222.254 χ^2 /NDF: 31.9/13

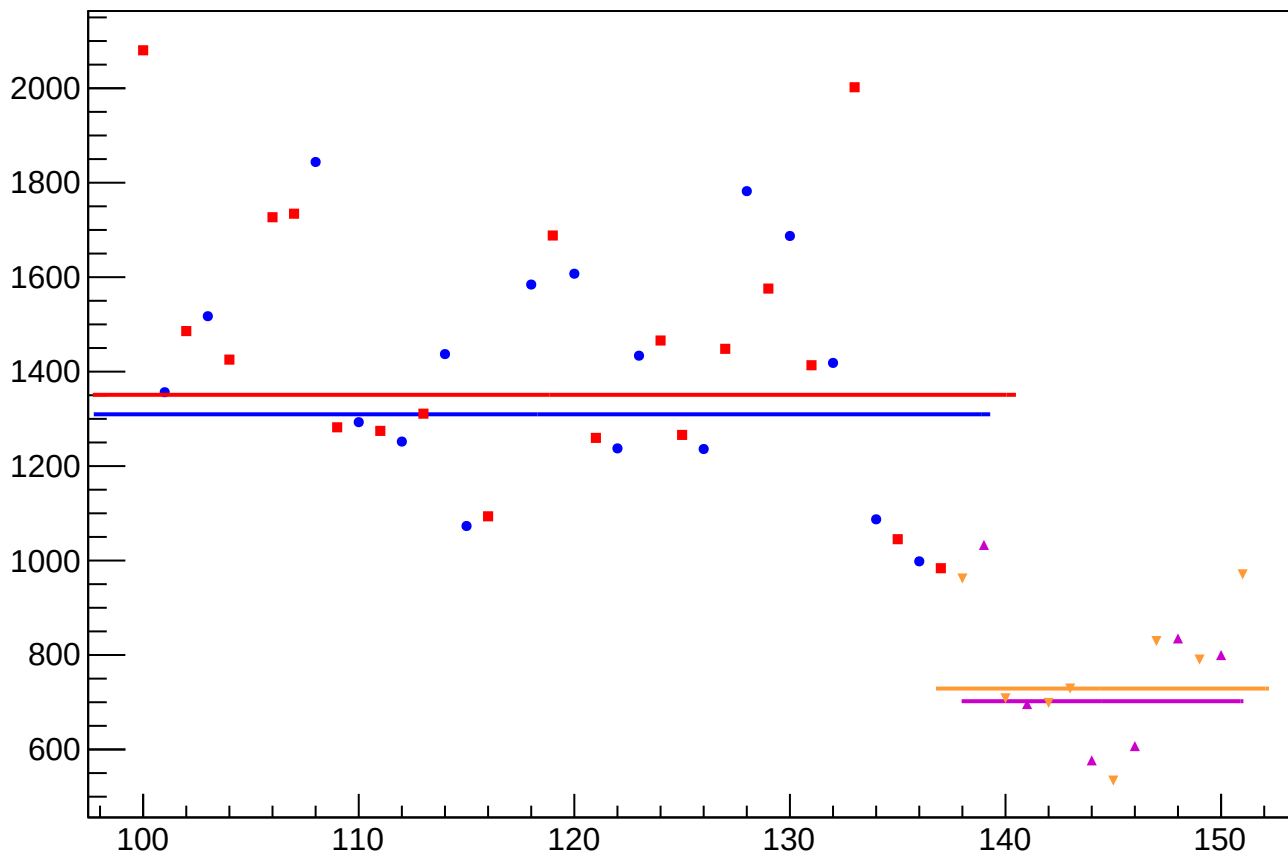
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: -79.332 $\pm$ 273.194 χ^2 /NDF:28.0/22

Out: 674.428 $\pm$ 264.142 χ^2 /NDF:37.3/26

All: 310.243 $\pm$ 189.896 χ^2 /NDF: 69.2/49

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: 702.190 $\pm$ 0.227 χ^2 /NDF: 347591.8/5

Left: 716.183 $\pm$ 0.157 χ^2 /NDF: 774536.7/13

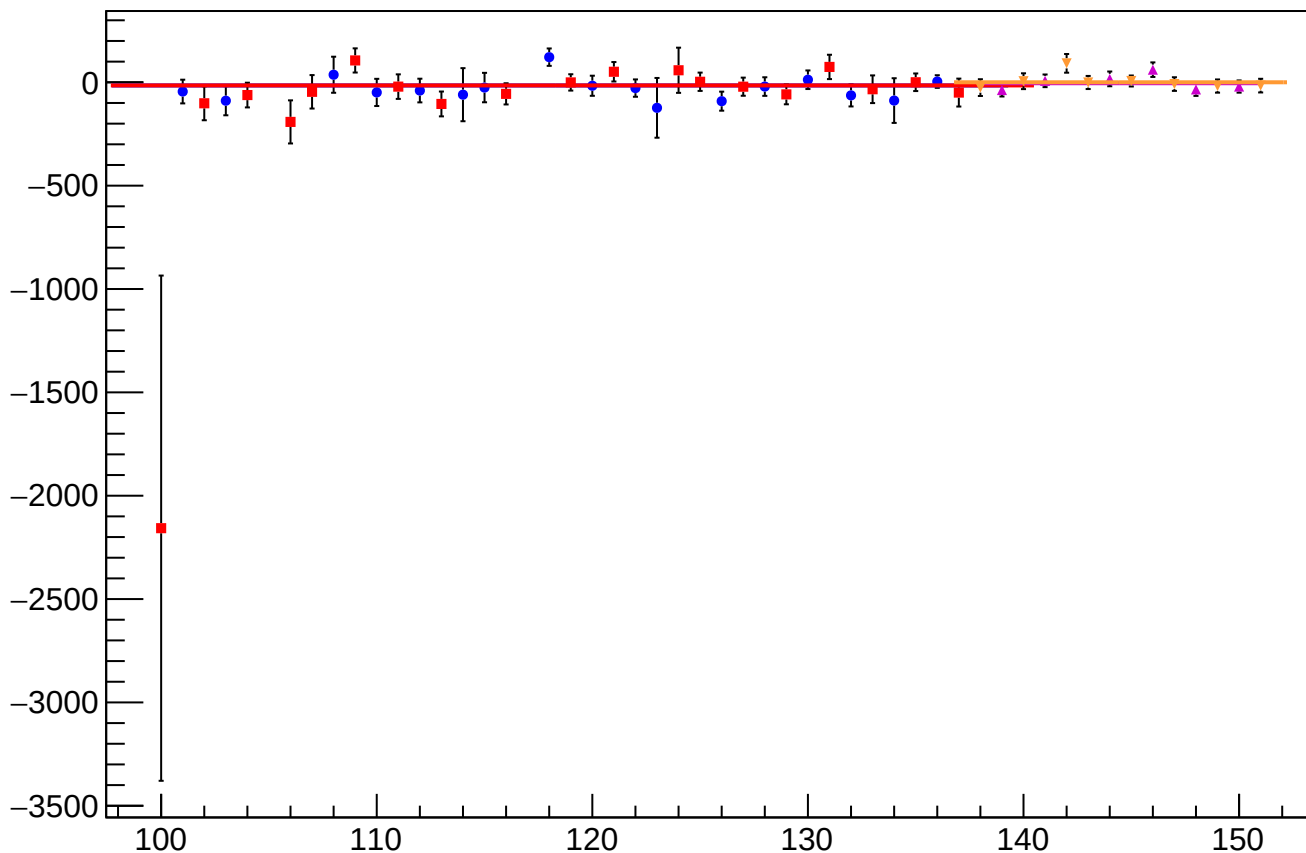
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 871.479 $\pm$ 0.193 χ^2 /NDF: 2794667.4/22

Out: 891.827 $\pm$ 0.187 χ^2 /NDF: 2985772.9/26

All: 881.996 $\pm$ 0.134 χ^2 /NDF: 5786174.5/49

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: -4.491 ± 13.092 χ^2/NDF : 6.3/5

Left: -1.991 ± 8.826 χ^2/NDF : 11.5/13

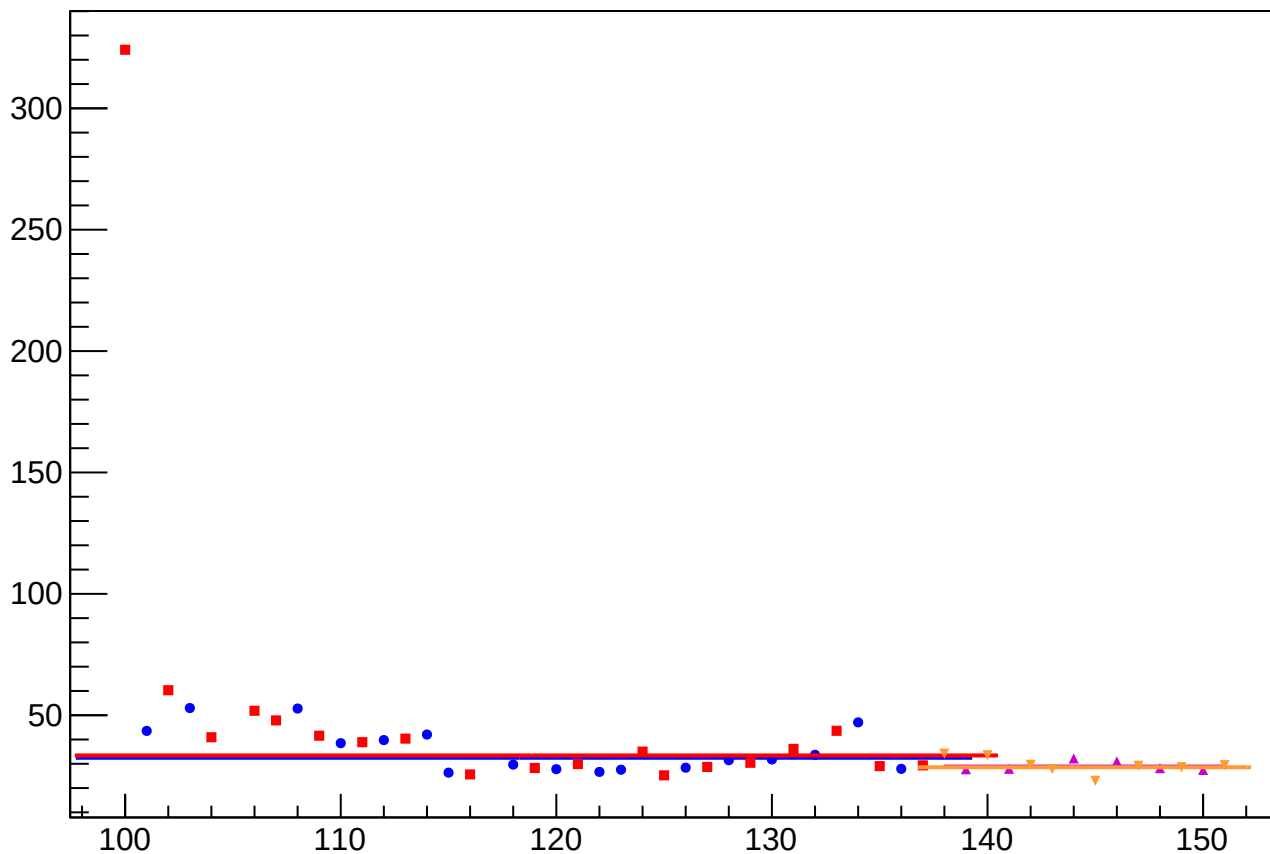
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -9.963 ± 9.192 χ^2/NDF : 24.9/22

Out: -6.803 ± 8.827 χ^2/NDF : 27.2/26

All: -8.319 ± 6.367 χ^2/NDF : 52.2/49

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: 28.857 $\pm$ 0.009 χ^2 /NDF: 34663.0/5

Left: 28.704 $\pm$ 0.006 χ^2 /NDF: 198679.5/13

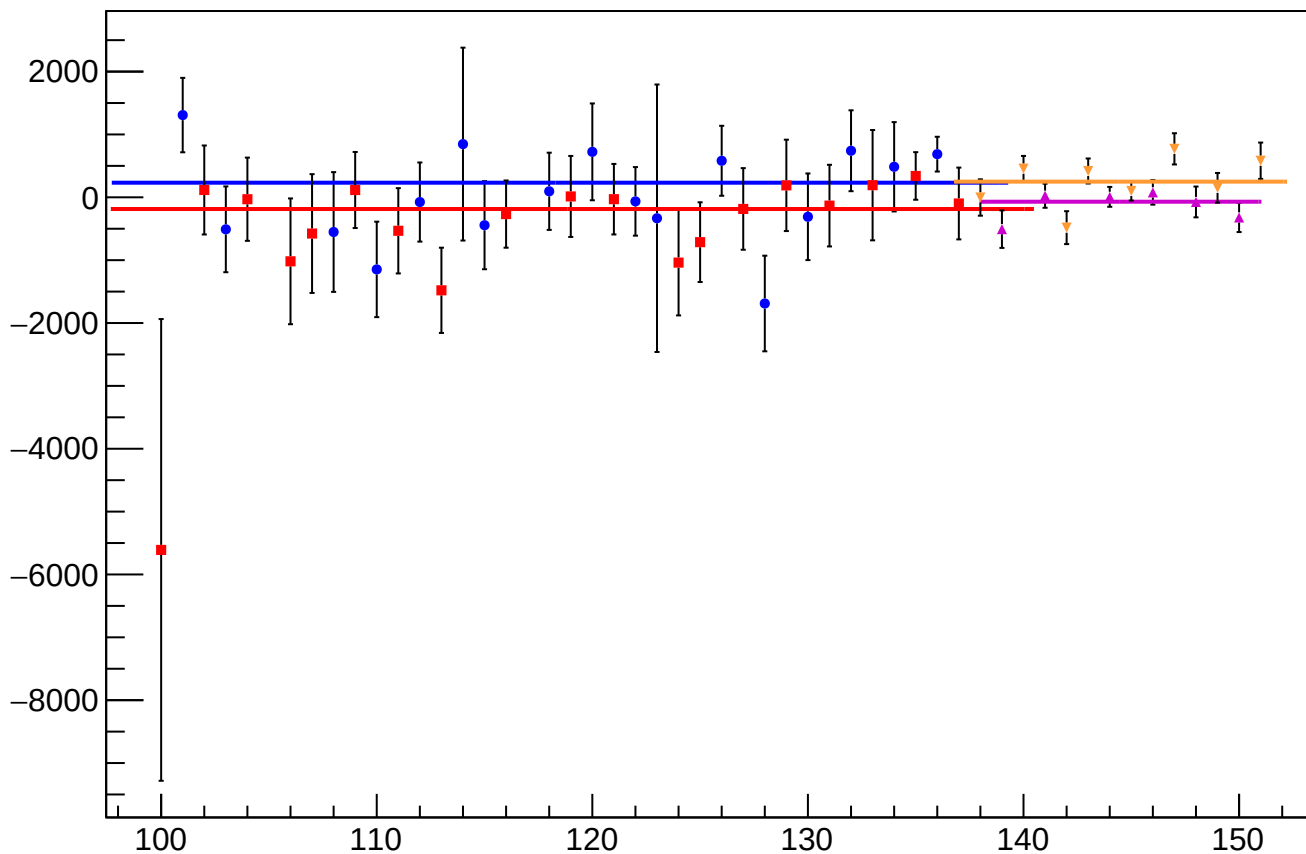
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 30.699 $\pm$ 0.006 χ^2 /NDF: 707200.2/22

Out: 30.788 $\pm$ 0.006 χ^2 /NDF: 1152688.9/26

All: 30.745 $\pm$ 0.005 χ^2 /NDF: 1859985.7/49

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: -70.160 $\pm$ 84.500 χ^2 /NDF:4.4/5

Left: 102.516 $\pm$ 57.271 χ^2 /NDF: 29.3/13

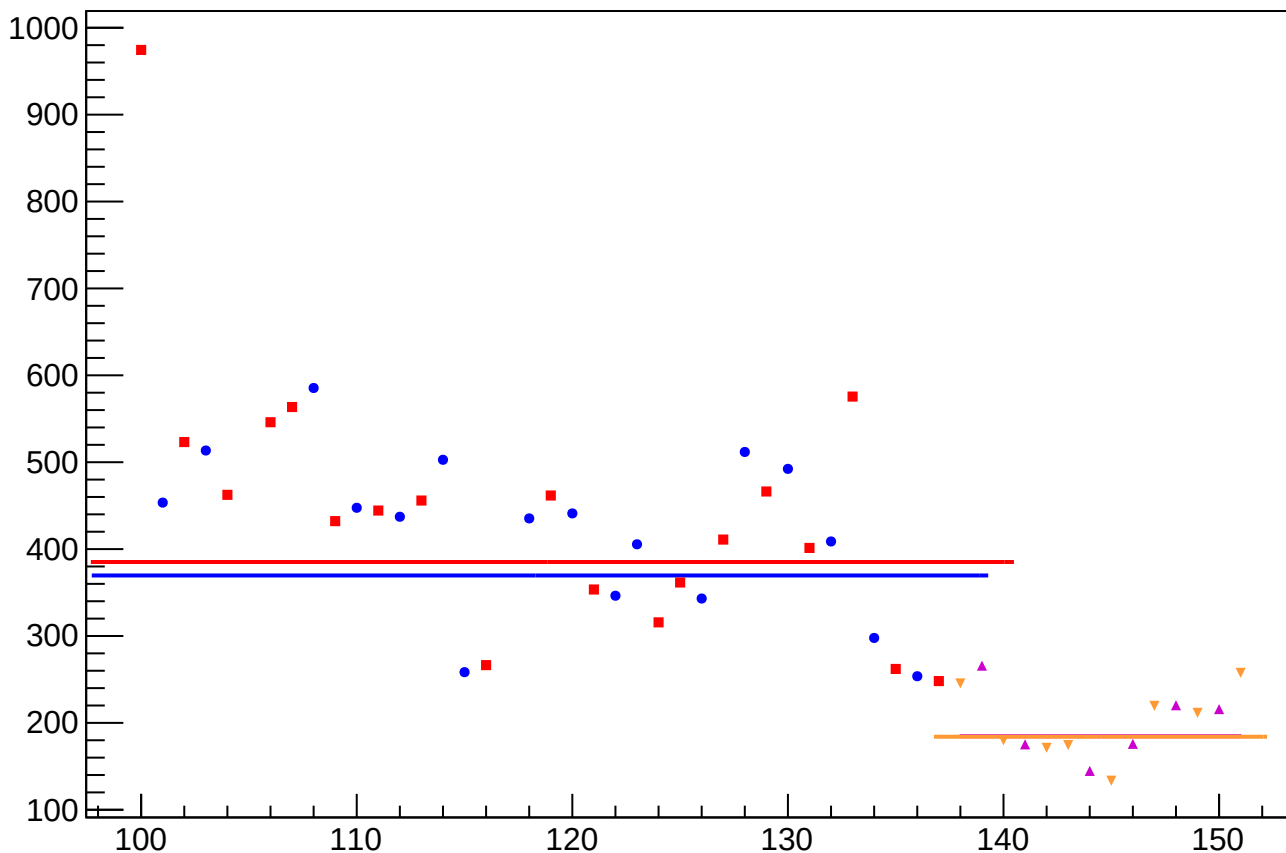
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 3.747 $\pm$ 73.456 χ^2 /NDF:29.0/22

Out: 156.640 $\pm$ 69.114 χ^2 /NDF:35.6/26

All: 84.845 $\pm$ 50.336 χ^2 /NDF: 66.9/49

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: 184.661+/-0.060 χ^2/NDF : 363243.7/5

Left: 184.340+/-0.040 χ^2/NDF : 879187.7/13

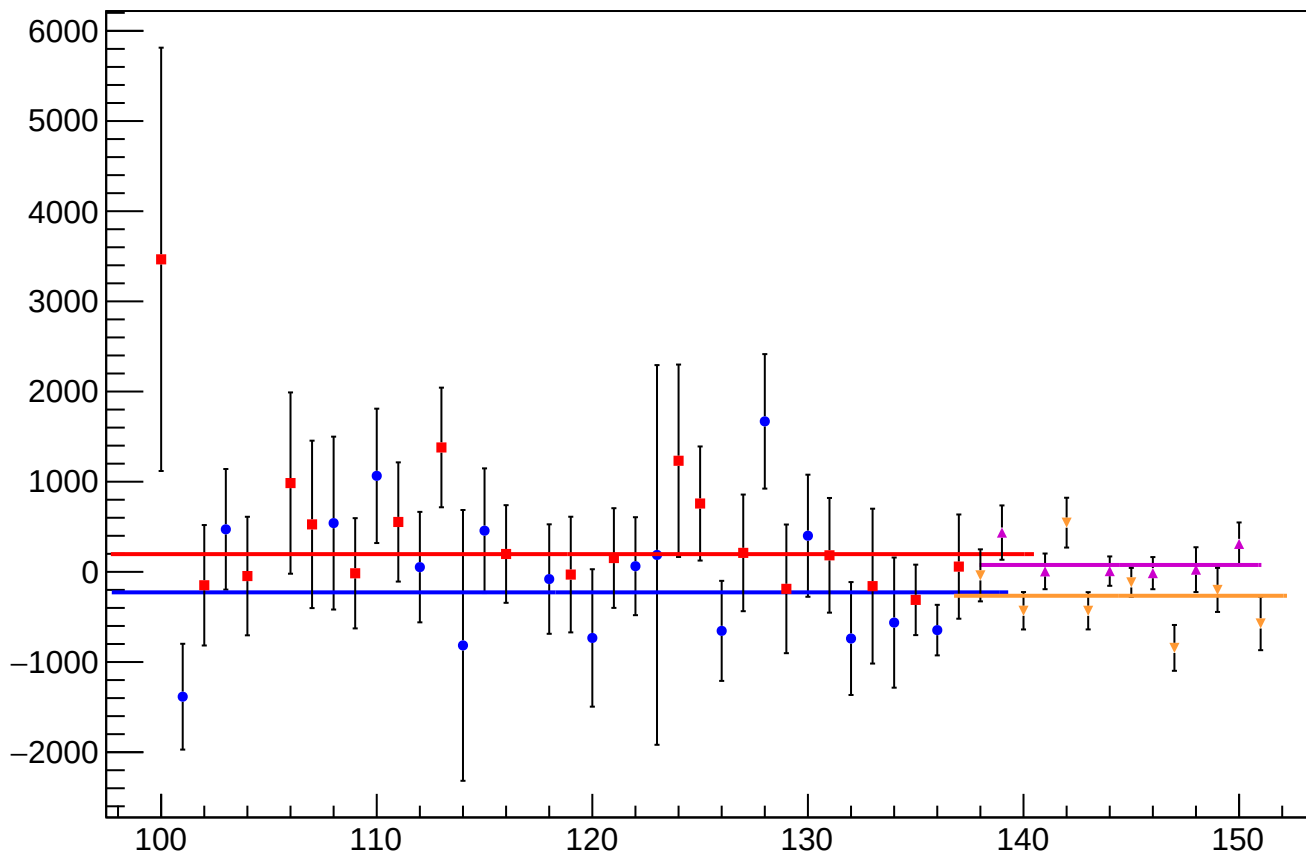
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 229.859+/-0.052 χ^2/NDF : 3607953.6/22

Out: 226.827+/-0.049 χ^2/NDF : 4277065.9/26

All: 228.251+/-0.036 χ^2/NDF : 7886826.1/49

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: 76.559 ± 84.627 χ^2/NDF : 3.0/5

Left: -102.801 ± 58.331 χ^2/NDF : 29.2/13

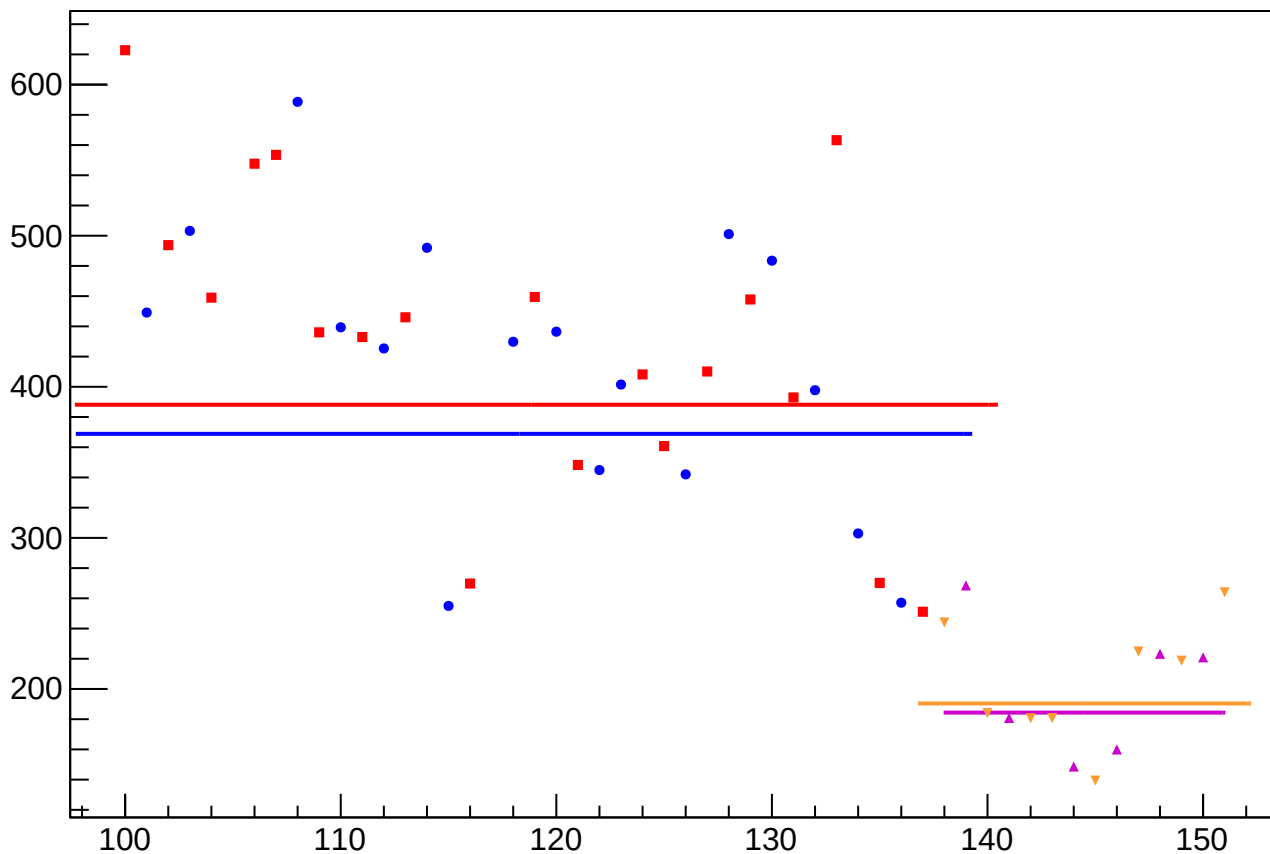
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: 1.635 ± 73.456 χ^2/NDF : 28.0/22

Out: -162.022 ± 70.957 χ^2/NDF : 35.8/26

All: -83.024 ± 51.035 χ^2/NDF : 66.4/49

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: 184.364 $\pm$ 0.060 χ^2/NDF : 386672.1/5

Left: 187.538 $\pm$ 0.041 χ^2/NDF : 859444.3/13

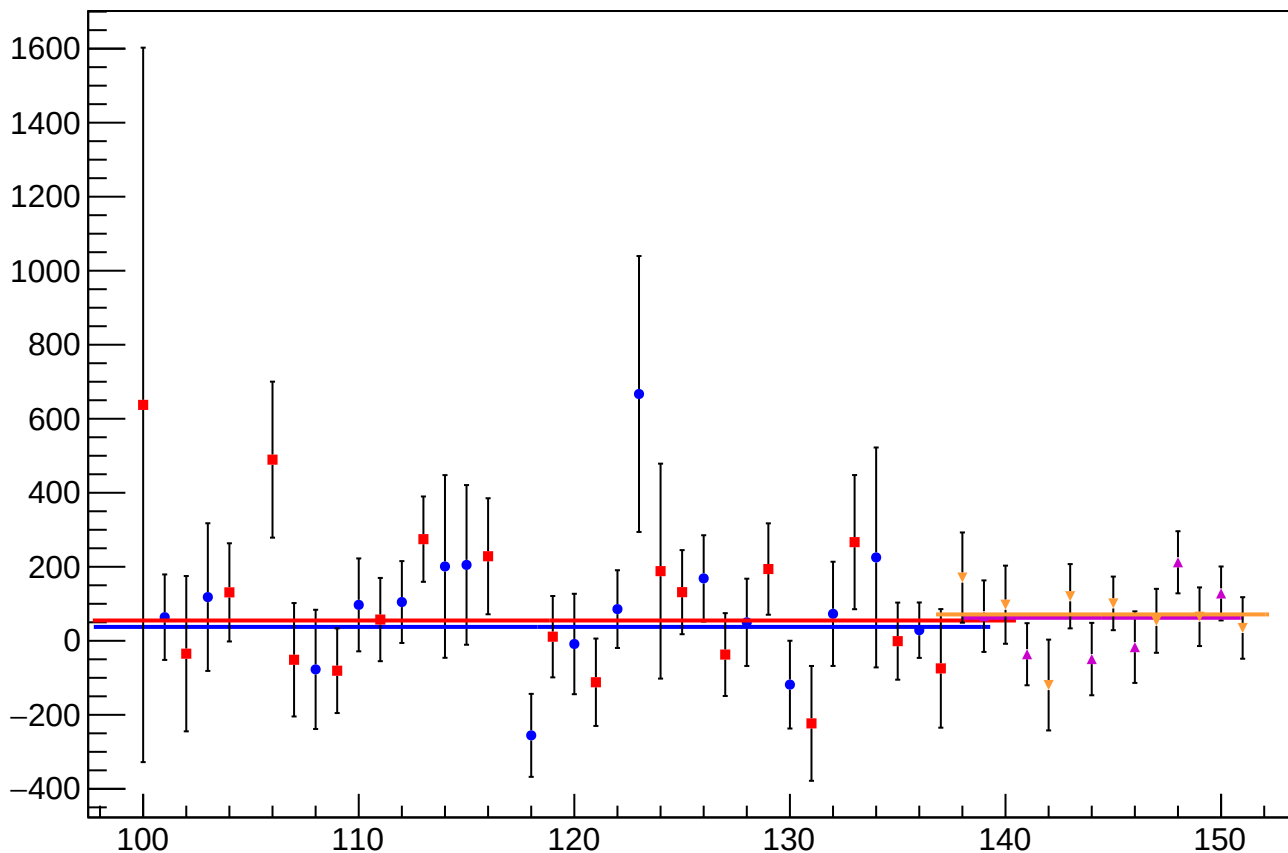
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 229.860 $\pm$ 0.052 χ^2/NDF : 3560521.2/22

Out: 234.550 $\pm$ 0.050 χ^2/NDF : 3938328.9/26

All: 232.287 $\pm$ 0.036 χ^2/NDF : 7503067.6/49

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: 62.249 $\pm$ 35.552 χ^2 /NDF:7.4/5

Left: 67.257 $\pm$ 23.731 χ^2 /NDF: 11.3/13

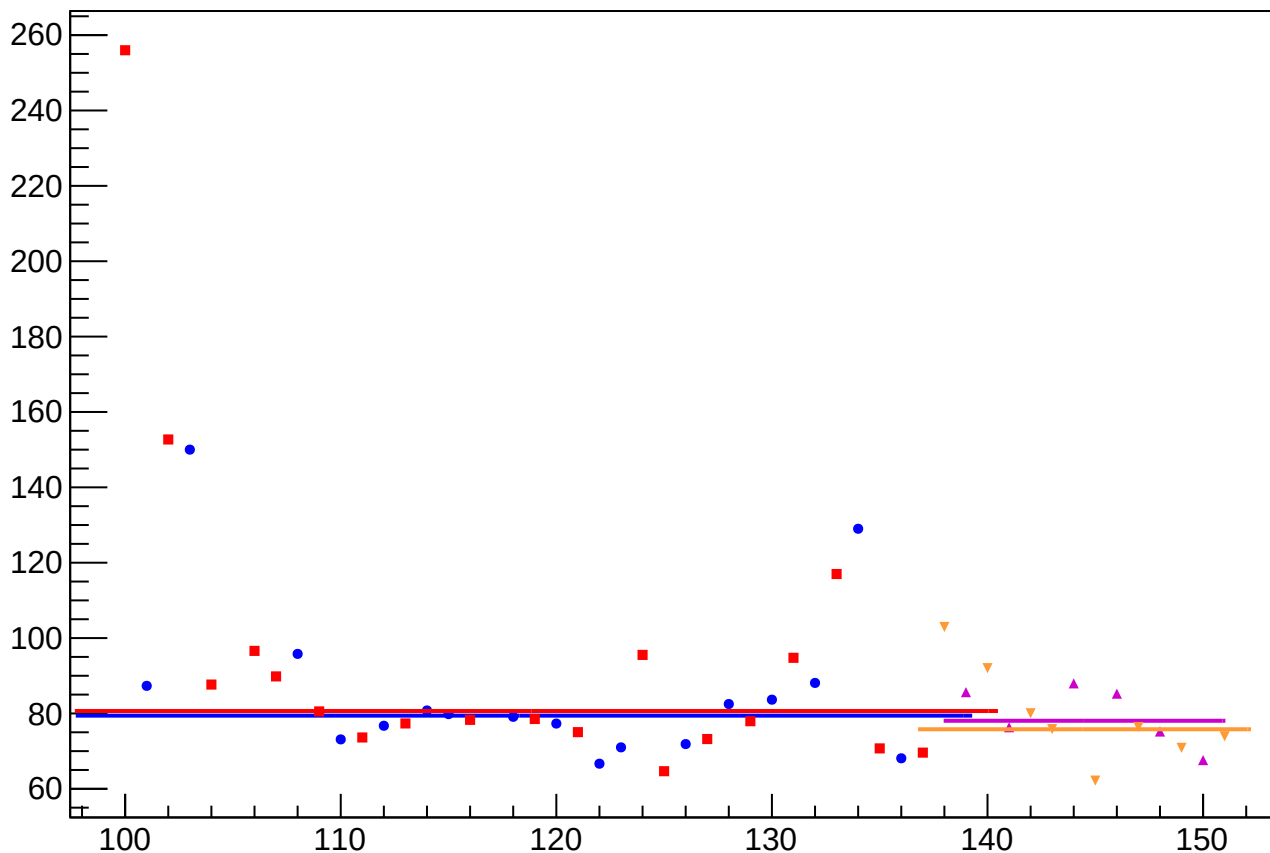
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 48.389 $\pm$ 23.560 χ^2 /NDF:23.5/22

Out: 62.985 $\pm$ 22.394 χ^2 /NDF:26.2/26

All: 56.057 $\pm$ 16.231 χ^2 /NDF: 49.8/49

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2/NDF : 439047.1/16

Left Out: 75.803 $\pm$ 0.023 χ^2/NDF : 228451.3/7

Right Out: 80.652 $\pm$ 0.022 χ^2/NDF : 520439.8/18

Left In: 78.059 $\pm$ 0.025 χ^2/NDF : 88211.8/5

Left: 76.808 $\pm$ 0.017 χ^2/NDF : 321132.1/13

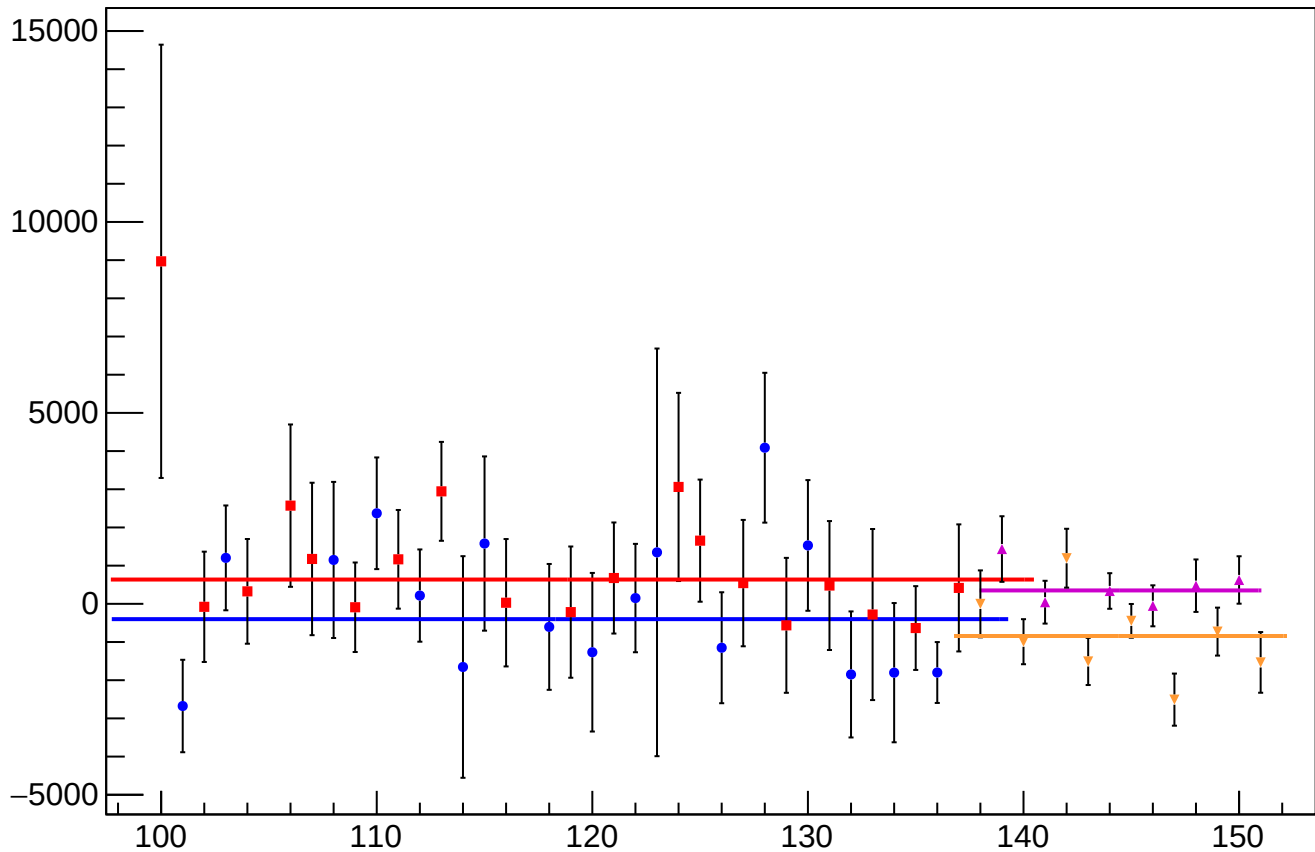
Right: 80.036 $\pm$ 0.016 χ^2/NDF : 961016.5/35

In: 78.823 $\pm$ 0.017 χ^2/NDF : 528904.9/22

Out: 78.258 $\pm$ 0.016 χ^2/NDF : 772336.0/26

All: 78.526 $\pm$ 0.011 χ^2/NDF : 1301846.4/49

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -842.378+/-224.286 χ^2/NDF :16.7/7

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 350.820+/-240.249 χ^2/NDF :2.7/5

Left: -286.734+/-163.947 χ^2/NDF : 32.6/13

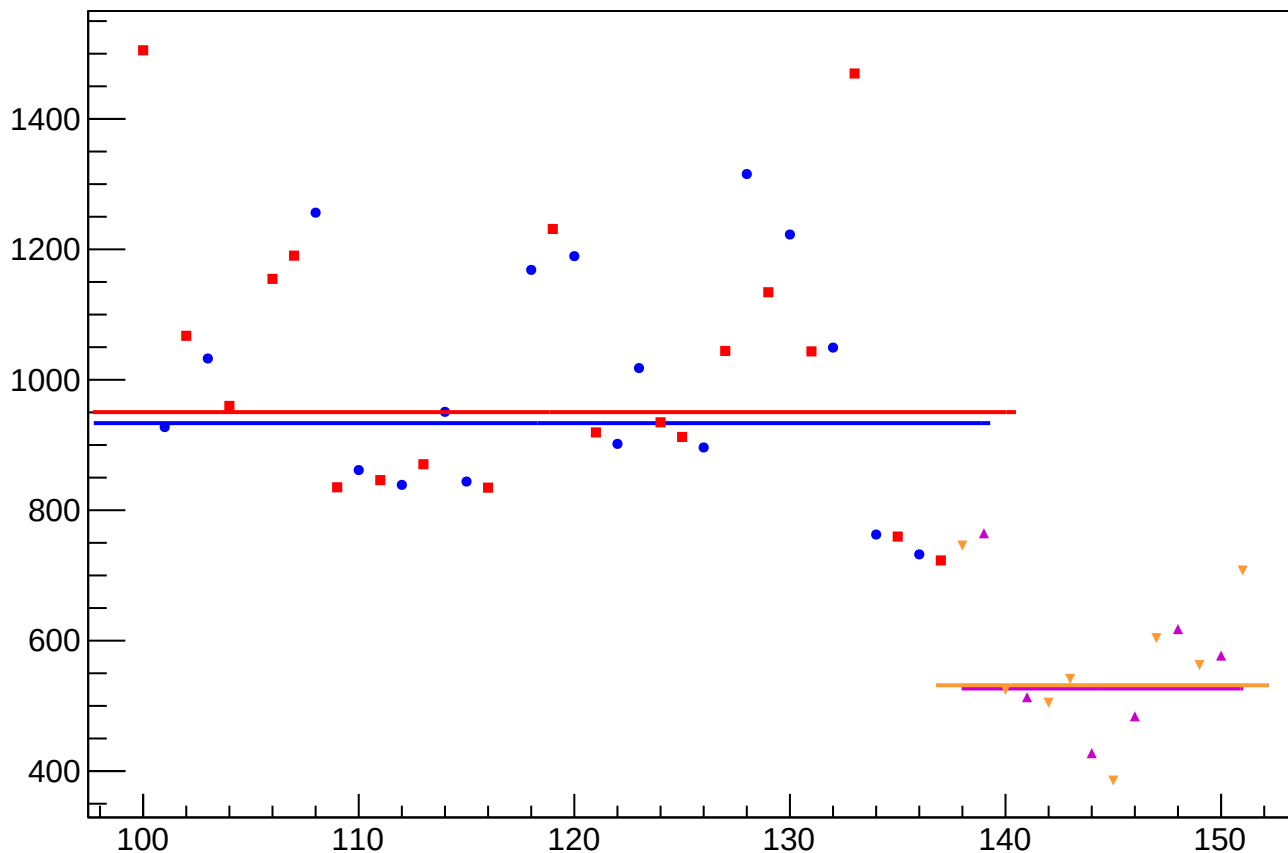
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 126.541+/-201.251 χ^2/NDF :27.5/22

Out: -433.762+/-190.792 χ^2/NDF :39.5/26

All: -168.548+/-138.460 χ^2/NDF : 71.2/49

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: 526.655+/-0.170 χ^2/NDF : 306239.8/5

Left: 529.343+/-0.116 χ^2/NDF : 773803.8/13

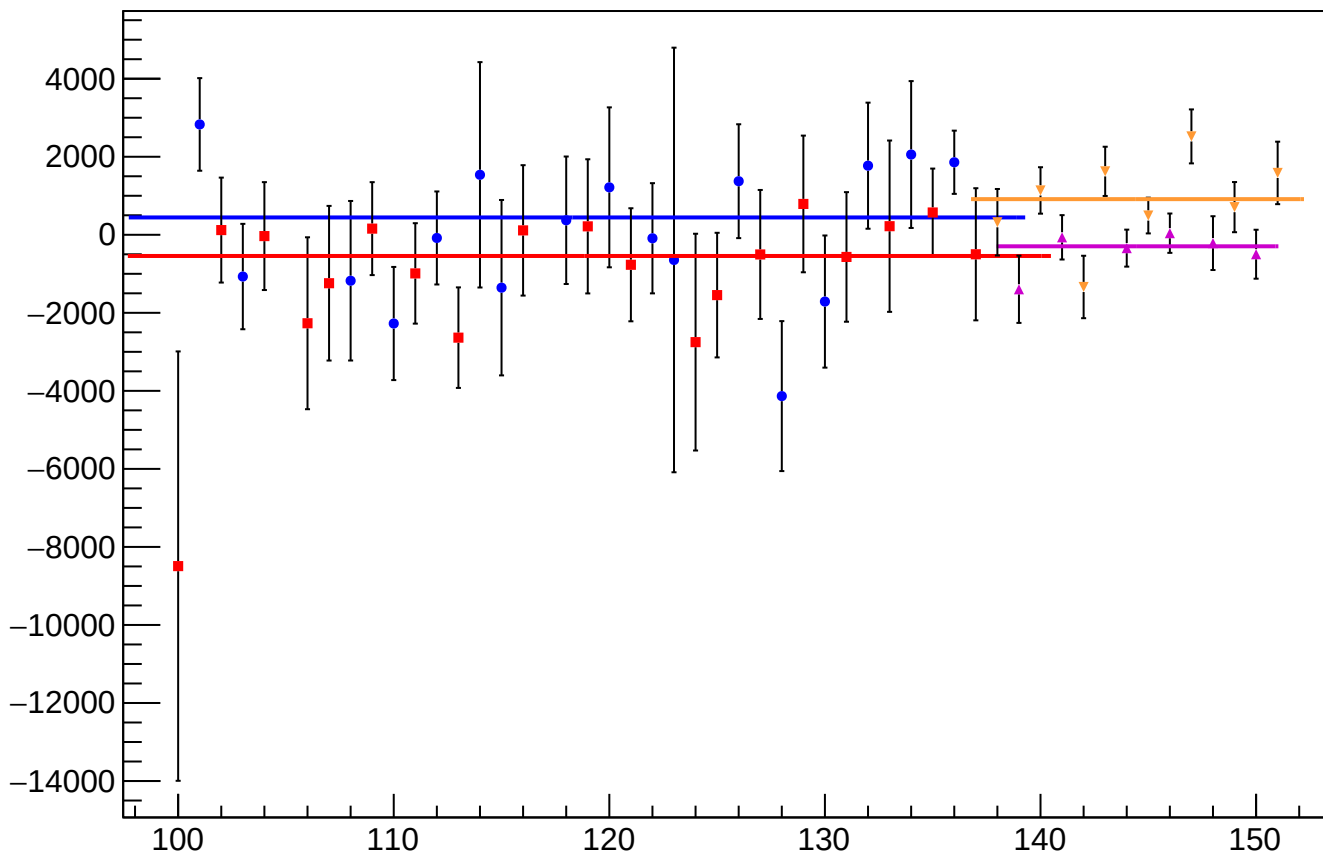
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 648.025+/-0.142 χ^2/NDF : 2459672.8/22

Out: 647.409+/-0.135 χ^2/NDF : 2817988.2/26

All: 647.700+/-0.098 χ^2/NDF : 5277670.9/49

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: -295.103+/-239.267 χ^2/NDF : 2.4/5

Left: 336.374+/-165.361 χ^2/NDF : 32.6/13

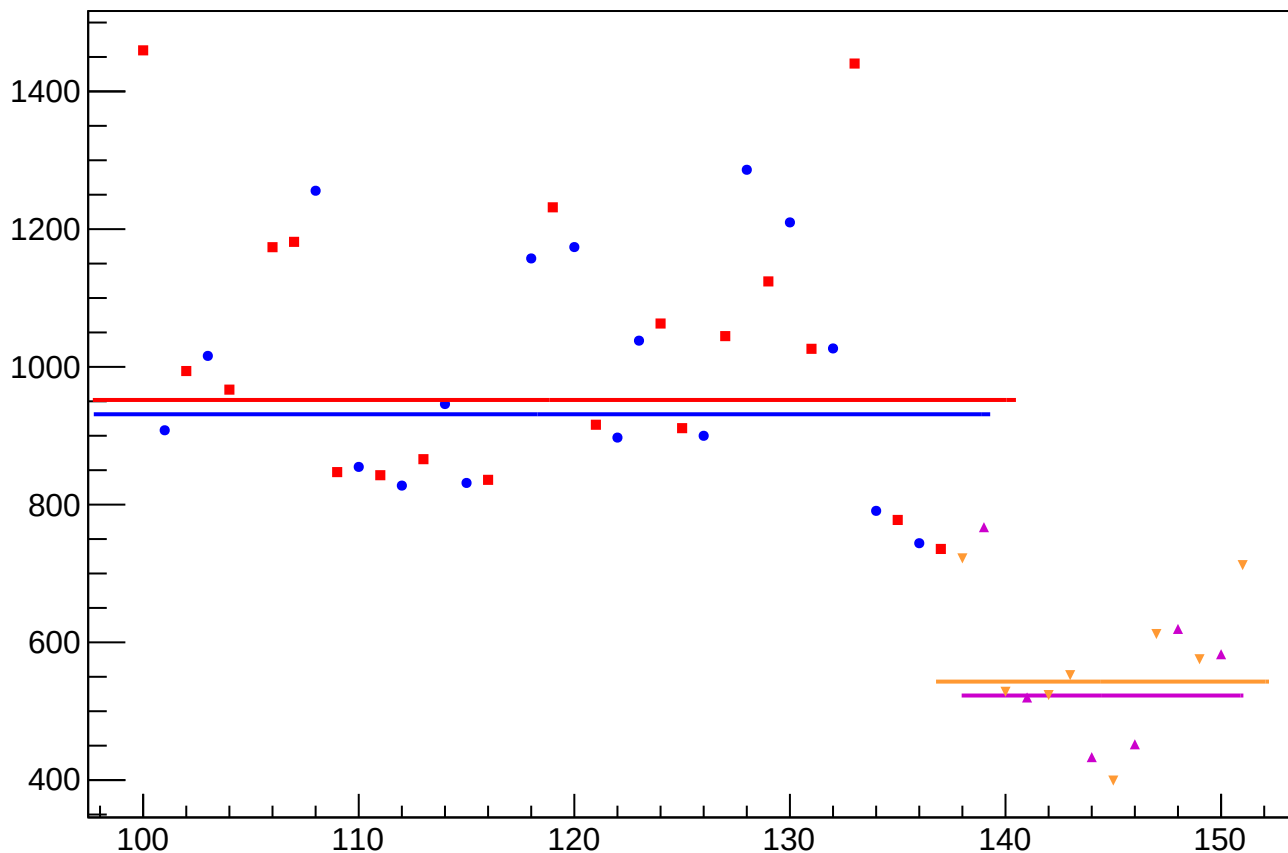
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -74.537+/-200.449 χ^2/NDF : 28.1/22

Out: 500.111+/-193.605 χ^2/NDF : 37.8/26

All: 222.764+/-139.256 χ^2/NDF : 70.1/49

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: 522.799+/-0.169 χ^2/NDF : 329250.5/5

Left: 533.361+/-0.117 χ^2/NDF : 738479.5/13

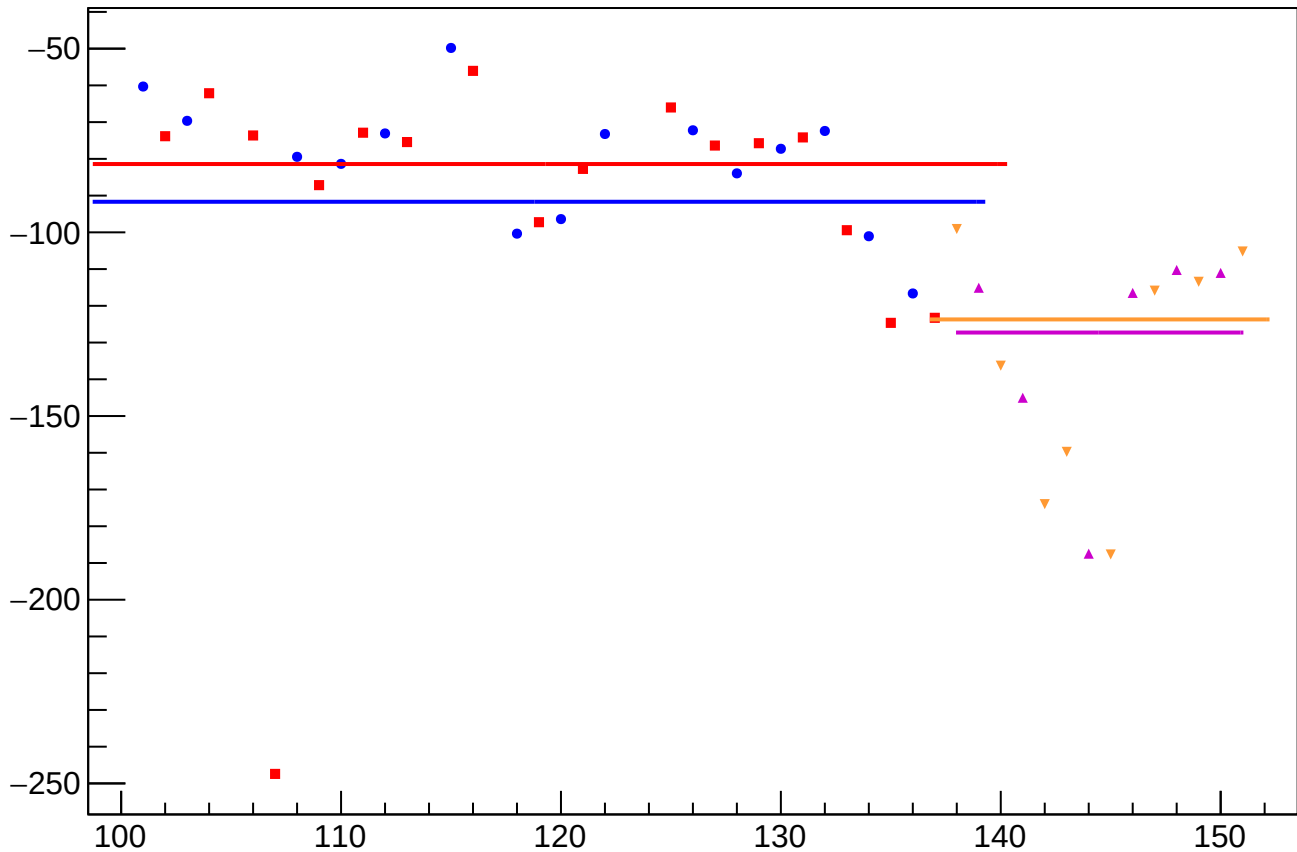
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 644.566+/-0.142 χ^2/NDF : 2466831.8/22

Out: 659.144+/-0.137 χ^2/NDF : 2598769.8/26

All: 652.108+/-0.098 χ^2/NDF : 5071074.1/49

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: -127.274 ± 0.106 $\chi^2/\text{NDF}: 36086.8/5$

Left: -126.040 ± 0.085 $\chi^2/\text{NDF}: 57617.5/13$

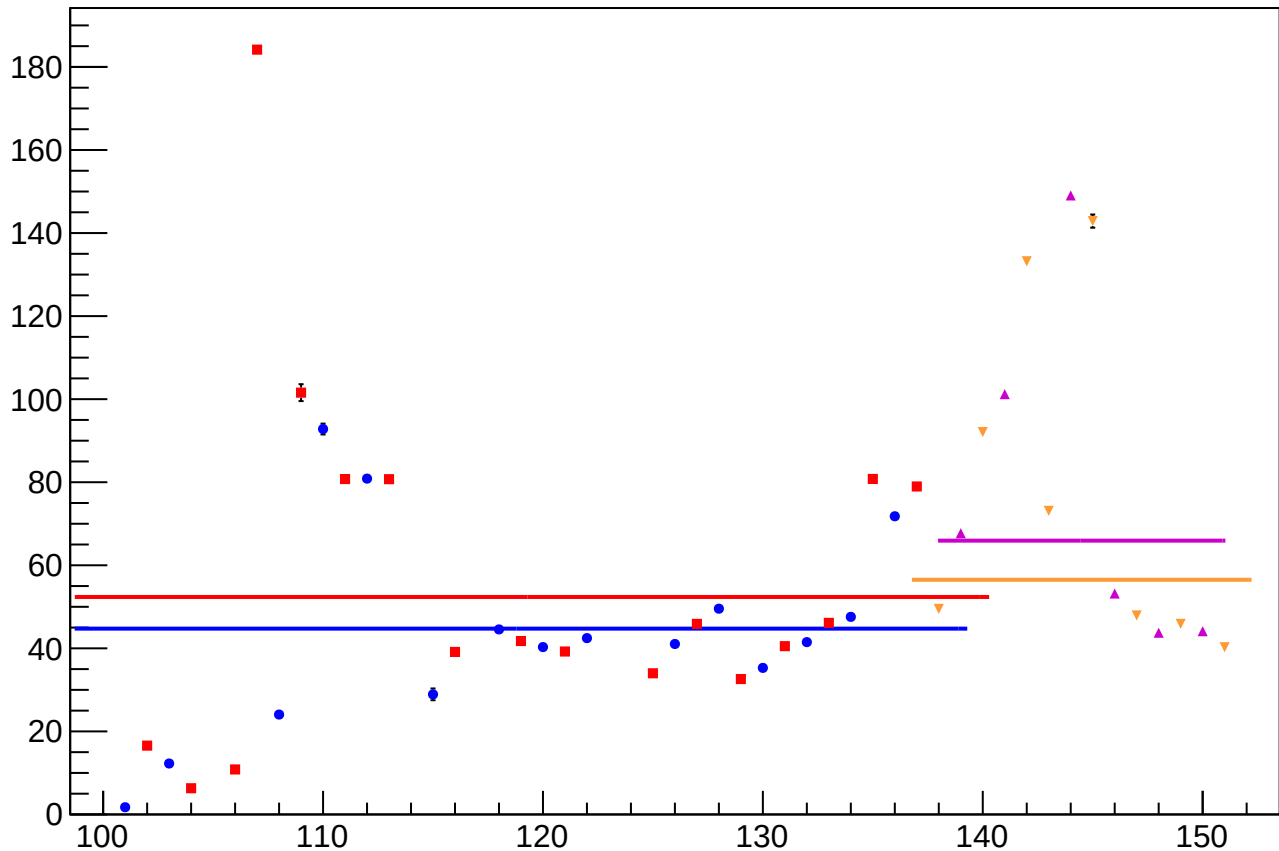
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -102.586 ± 0.058 $\chi^2/\text{NDF}: 179637.2/20$

Out: -94.729 ± 0.081 $\chi^2/\text{NDF}: 120965.4/24$

All: -99.920 ± 0.047 $\chi^2/\text{NDF}: 306742.6/45$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 56.507+/-0.125 χ^2/NDF : 40536.2/7

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 65.934+/-0.096 χ^2/NDF : 91011.2/5

Left: 62.444+/-0.076 χ^2/NDF : 135135.2/13

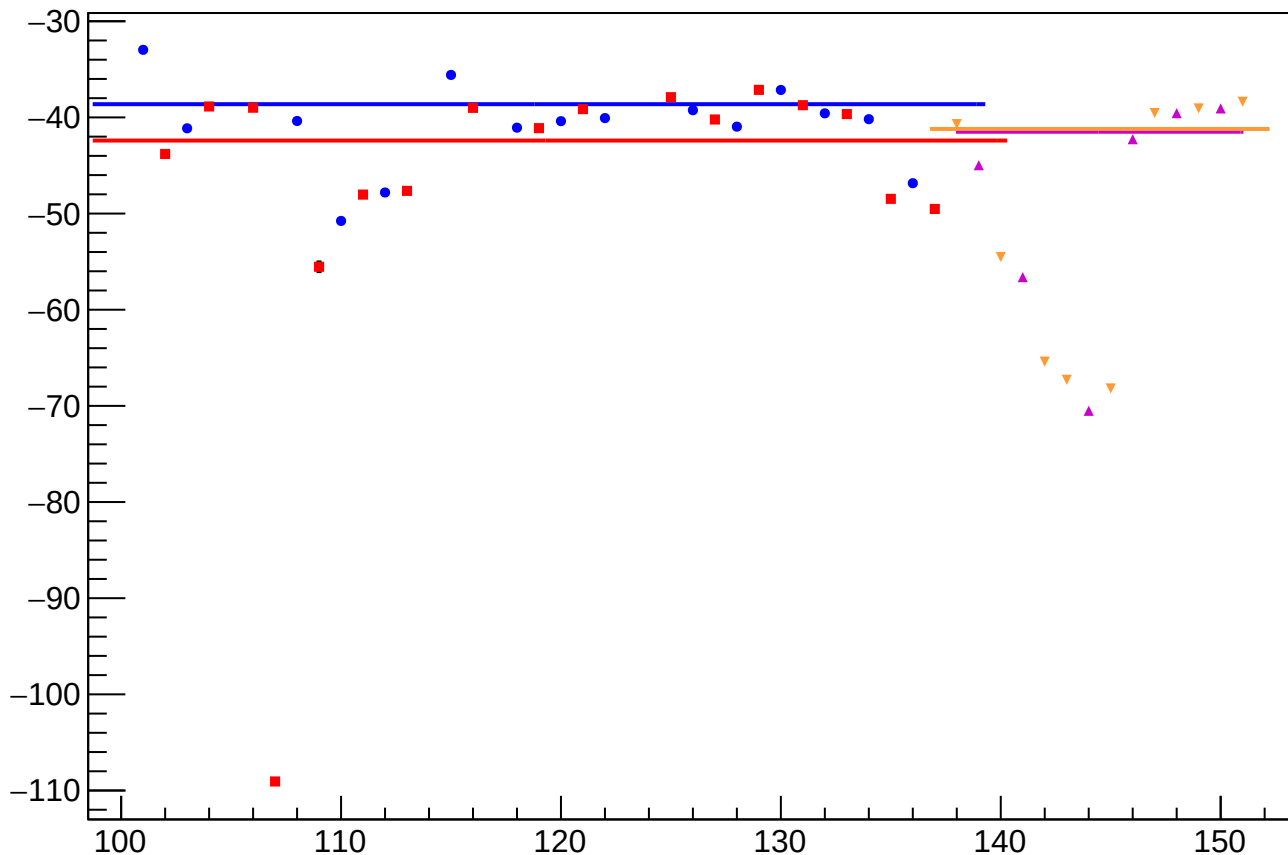
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.800+/-0.051 χ^2/NDF : 210679.6/20

Out: 54.223+/-0.084 χ^2/NDF : 110428.0/24

All: 51.733+/-0.044 χ^2/NDF : 322326.6/45

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: -41.491 ± 0.016 χ^2/NDF : 138780.6/5

Left: -41.349 ± 0.012 χ^2/NDF : 323816.6/13

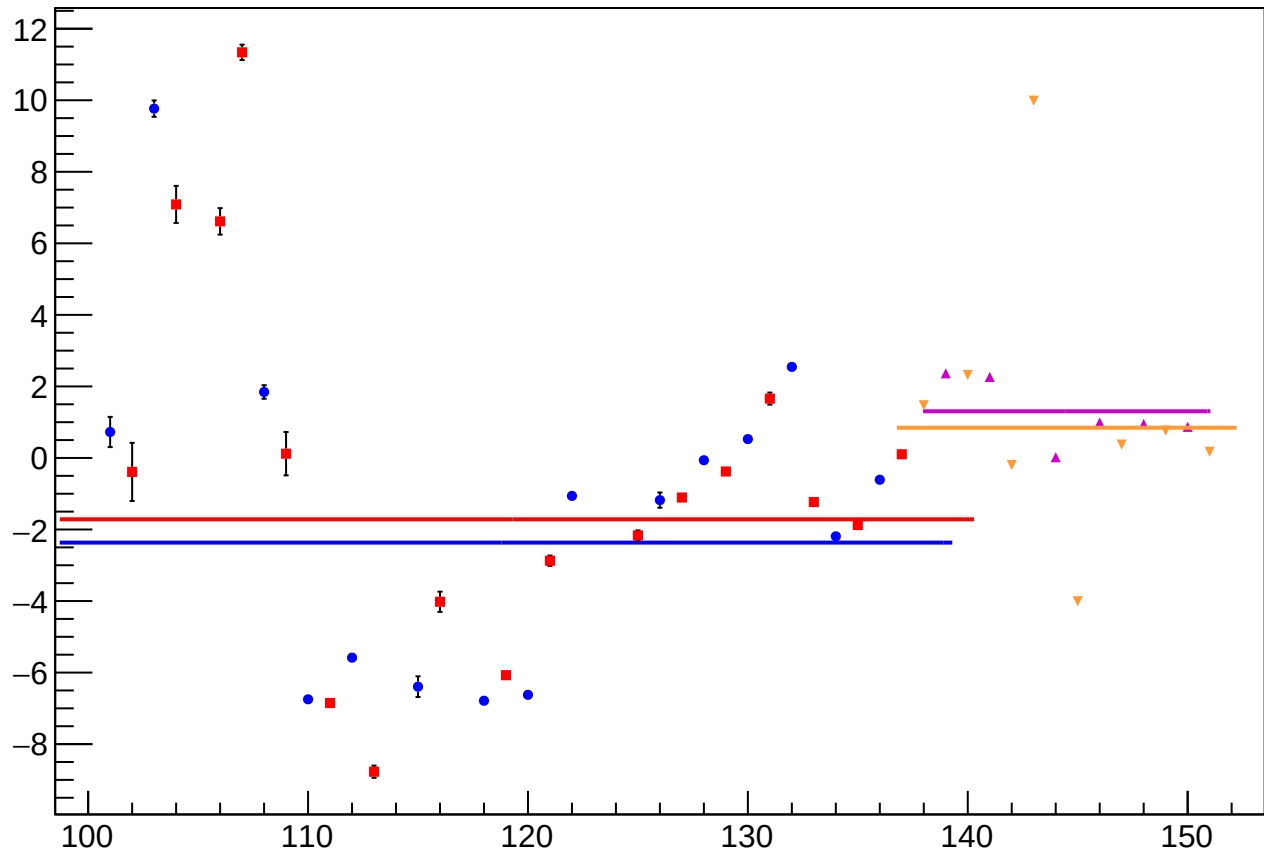
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.210 ± 0.007 χ^2/NDF : 403401.5/20

Out: -41.661 ± 0.013 χ^2/NDF : 456004.9/24

All: -39.795 ± 0.006 χ^2/NDF : 885772.9/45

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 $\pm$ 0.014 χ^2/NDF : 28797.3/14

Left Out: 0.845 $\pm$ 0.016 χ^2/NDF :10270.7/7

Right Out: -1.715 $\pm$ 0.027 χ^2/NDF : 12719.3/16

Left In: 1.305 $\pm$ 0.012 χ^2/NDF :3068.3/5

Left: 1.146 $\pm$ 0.010 χ^2/NDF : 13848.8/13

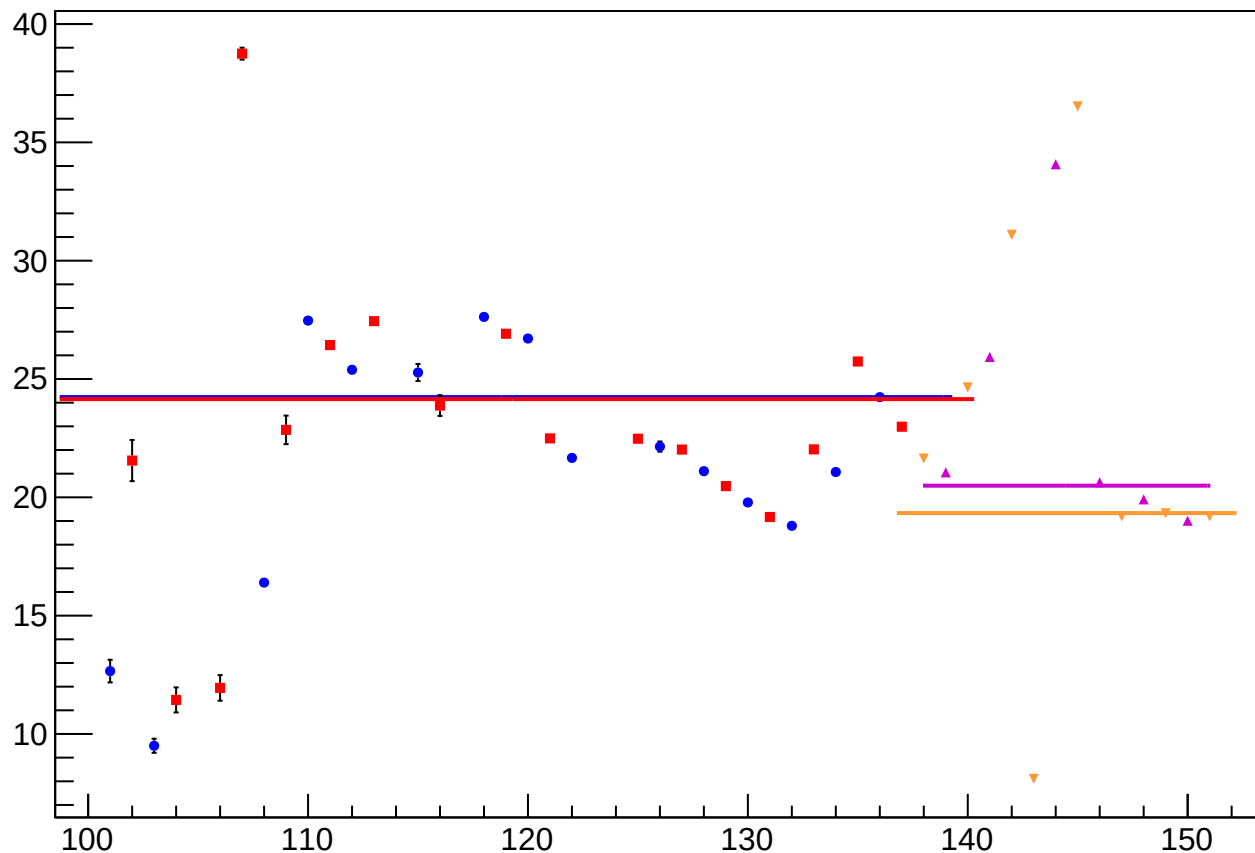
Right: -2.227 $\pm$ 0.012 χ^2/NDF : 41975.5/31

In: -0.240 $\pm$ 0.009 χ^2/NDF :71288.5/20

Out: 0.152 $\pm$ 0.014 χ^2/NDF :29549.1/24

All: -0.124 $\pm$ 0.008 χ^2/NDF : 101384.8/45

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: 20.493+/-0.016 χ^2/NDF : 32470.2/5

Left: 20.011+/-0.012 χ^2/NDF : 72779.2/13

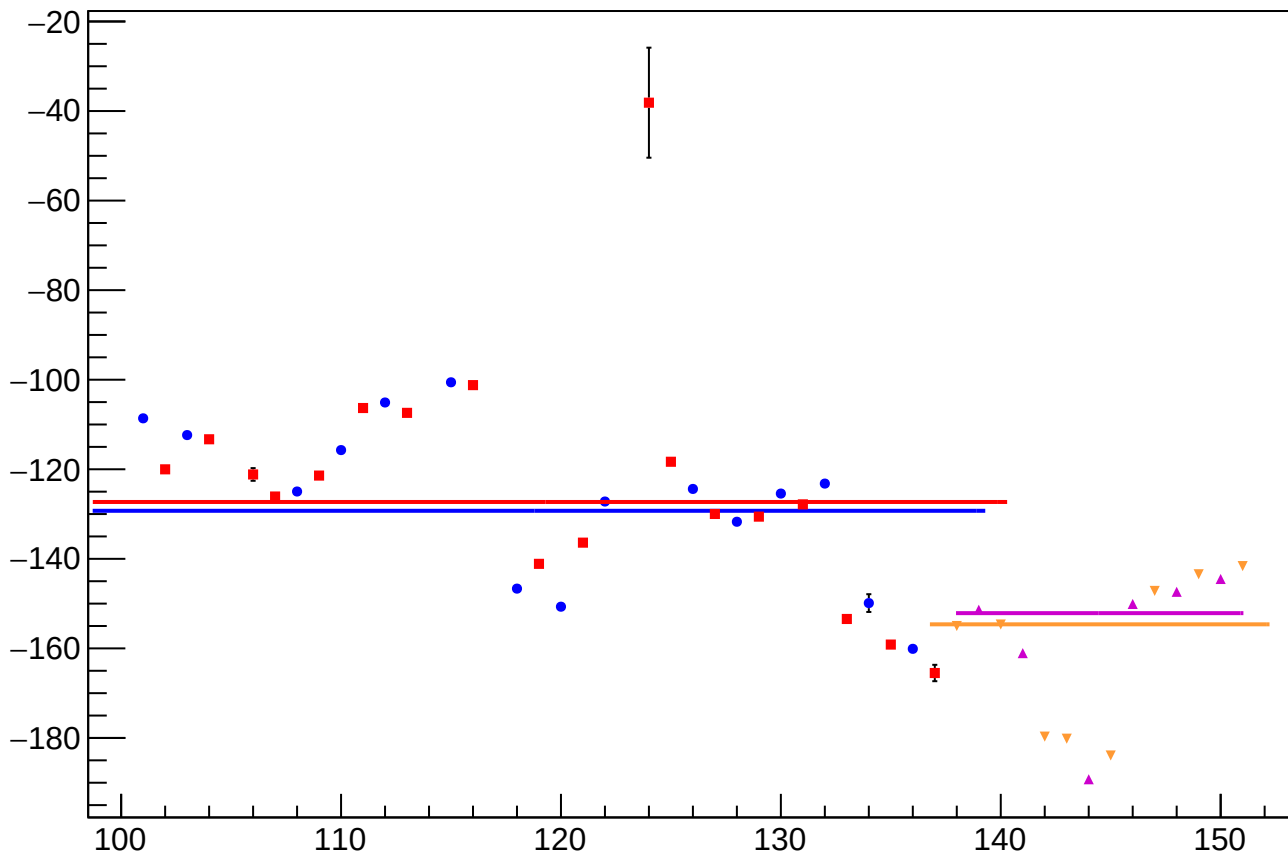
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 21.751+/-0.013 χ^2/NDF : 73534.5/20

Out: 21.101+/-0.015 χ^2/NDF : 75974.1/24

All: 21.473+/-0.010 χ^2/NDF : 150615.9/45

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -154.627 ± 0.094 χ^2/NDF : 22350.4/7

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -152.128 ± 0.085 χ^2/NDF : 15948.6/5

Left: -153.242 ± 0.063 χ^2/NDF : 38688.4/13

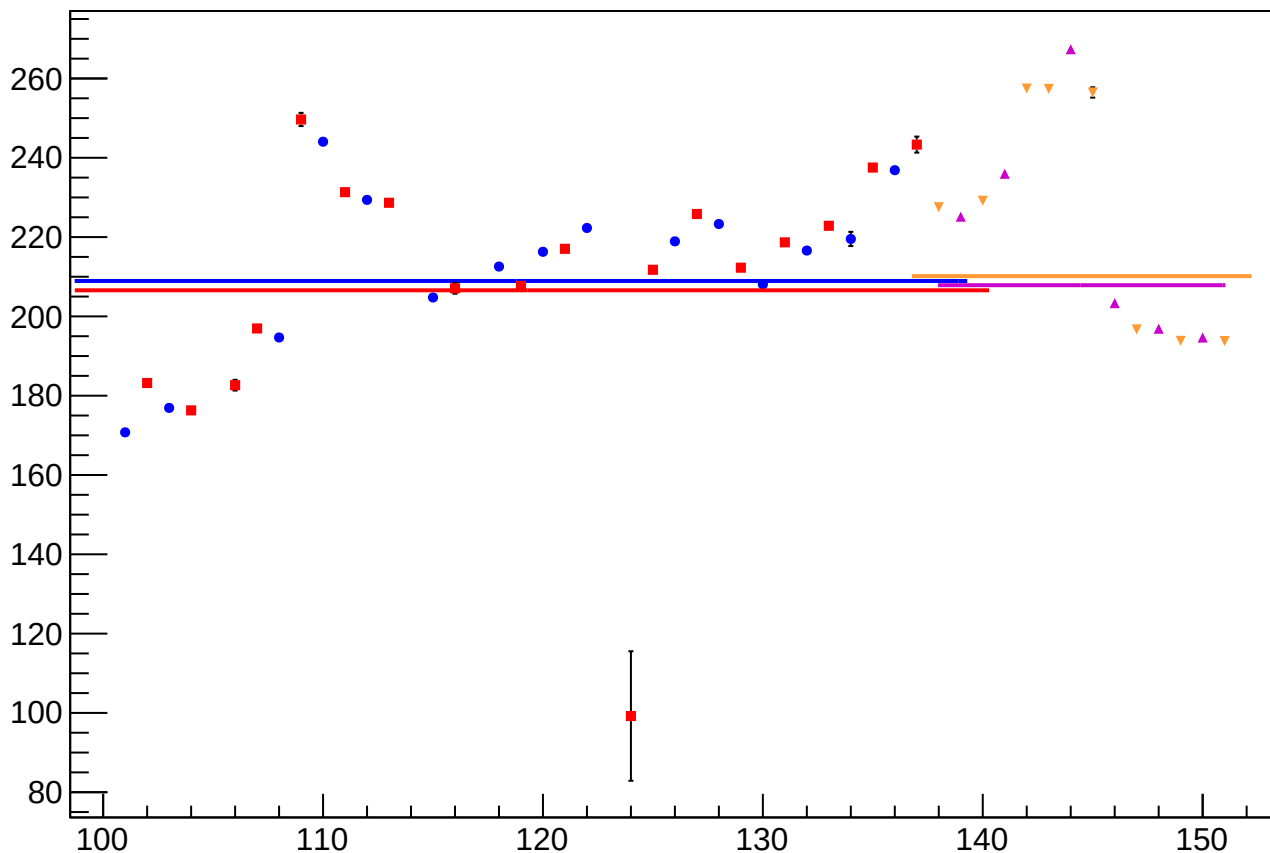
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.127 ± 0.061 χ^2/NDF : 86226.3/20

Out: -139.450 ± 0.063 χ^2/NDF : 98632.1/25

All: -140.315 ± 0.044 χ^2/NDF : 185225.8/46

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF : 44684.8/14

Left Out: 210.153+/-0.080 χ^2/NDF : 87194.4/7

Right Out: 206.581+/-0.083 χ^2/NDF : 48210.8/17

Left In: 207.864+/-0.076 χ^2/NDF : 62120.7/5

Left: 208.950+/-0.055 χ^2/NDF : 149745.9/13

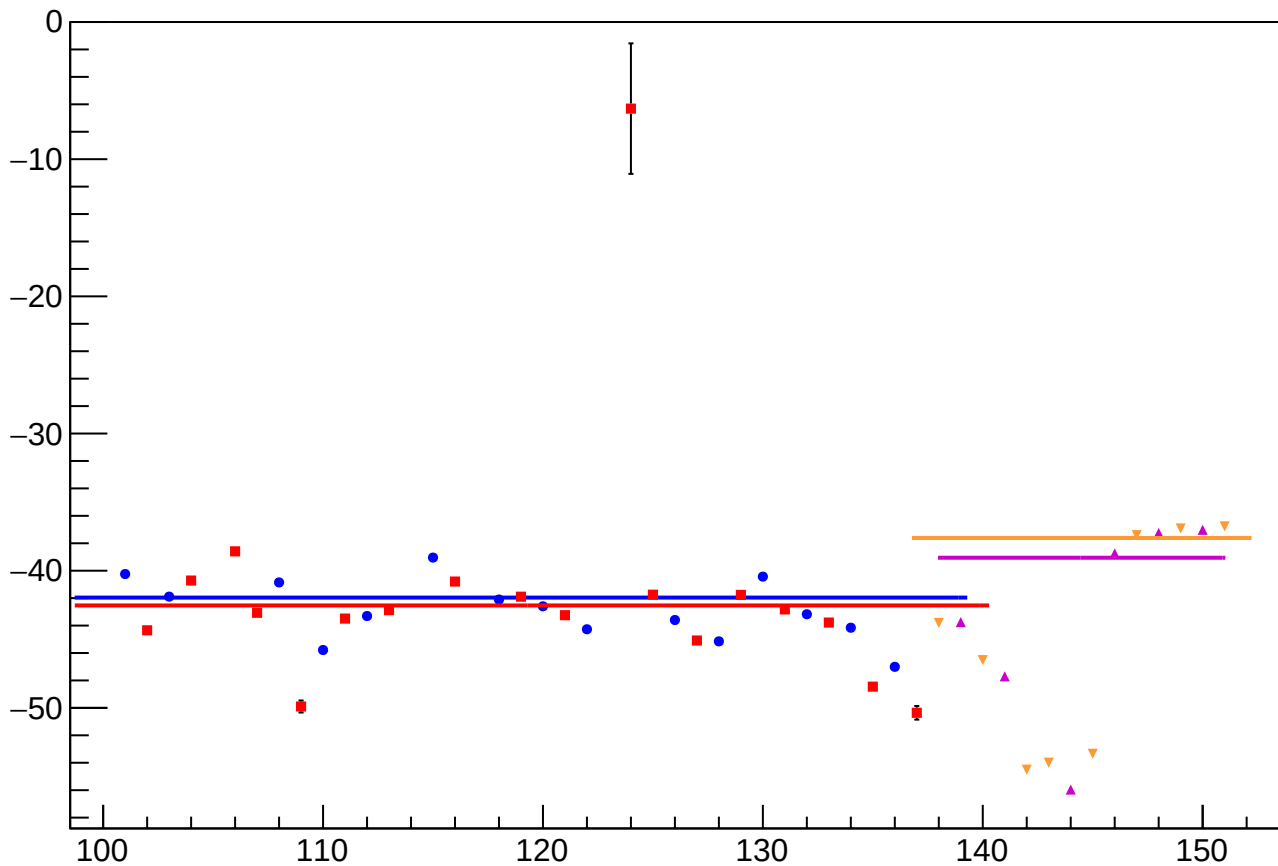
Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32

In: 208.314+/-0.058 χ^2/NDF : 106888.9/20

Out: 208.438+/-0.058 χ^2/NDF : 136363.5/25

All: 208.376+/-0.041 χ^2/NDF : 243254.7/46

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: -39.055 $\pm$ 0.011 χ^2/NDF : 113657.2/5

Left: -37.966 $\pm$ 0.005 χ^2/NDF : 340125.4/13

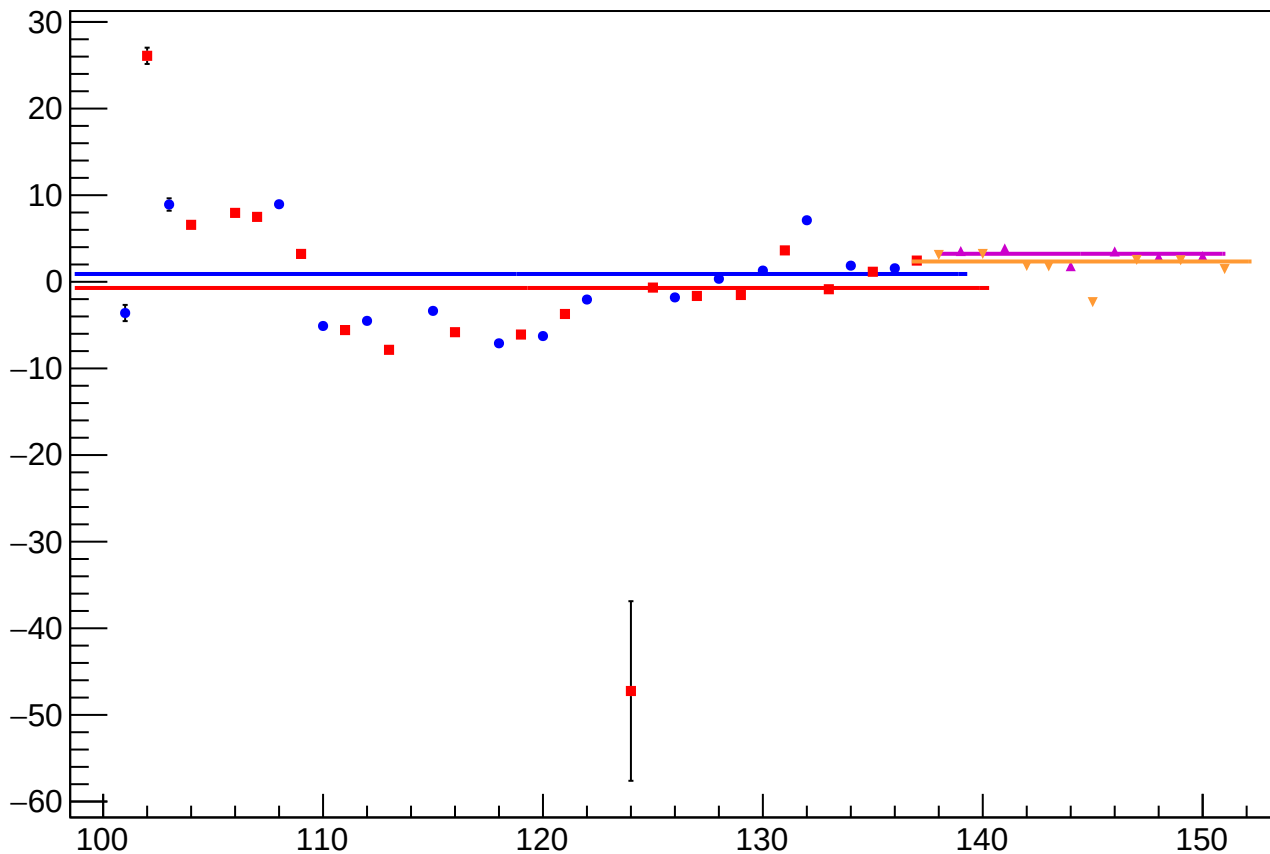
Right: -42.168 $\pm$ 0.012 χ^2/NDF : 30855.6/32

In: -40.000 $\pm$ 0.009 χ^2/NDF : 161257.7/20

Out: -38.016 $\pm$ 0.006 χ^2/NDF : 271319.7/25

All: -38.622 $\pm$ 0.005 χ^2/NDF : 467055.0/46

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.347 ± 0.014 $\chi^2/\text{NDF}: 5395.0/7$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.236 ± 0.014 $\chi^2/\text{NDF}: 1402.0/5$

Left: 2.819 ± 0.010 $\chi^2/\text{NDF}: 8812.0/13$

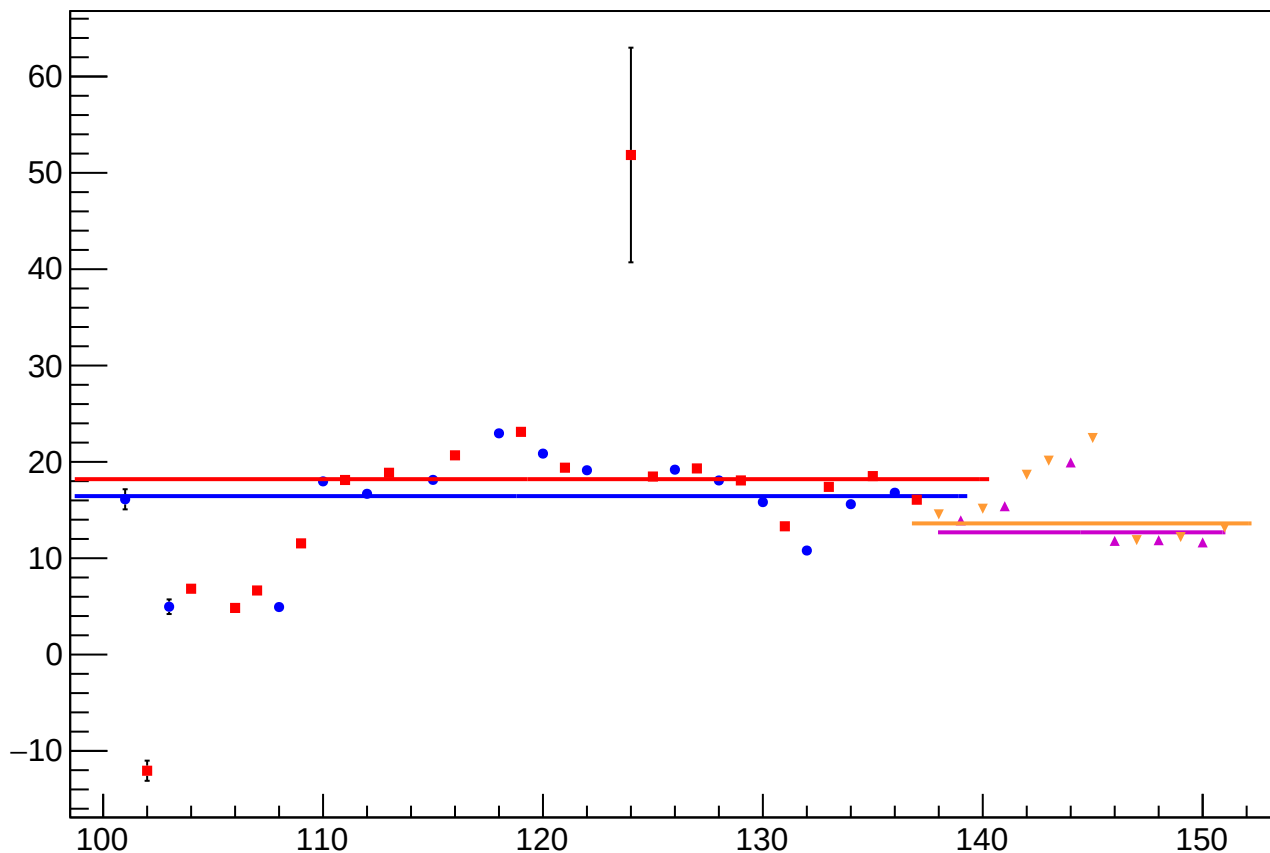
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.503 ± 0.011 $\chi^2/\text{NDF}: 31829.8/20$

Out: 1.549 ± 0.012 $\chi^2/\text{NDF}: 47821.5/25$

All: 2.073 ± 0.008 $\chi^2/\text{NDF}: 82898.7/46$

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: 12.688 $\pm$ 0.015 χ^2 /NDF: 13850.1/5

Left: 13.196 $\pm$ 0.010 χ^2 /NDF: 53676.7/13

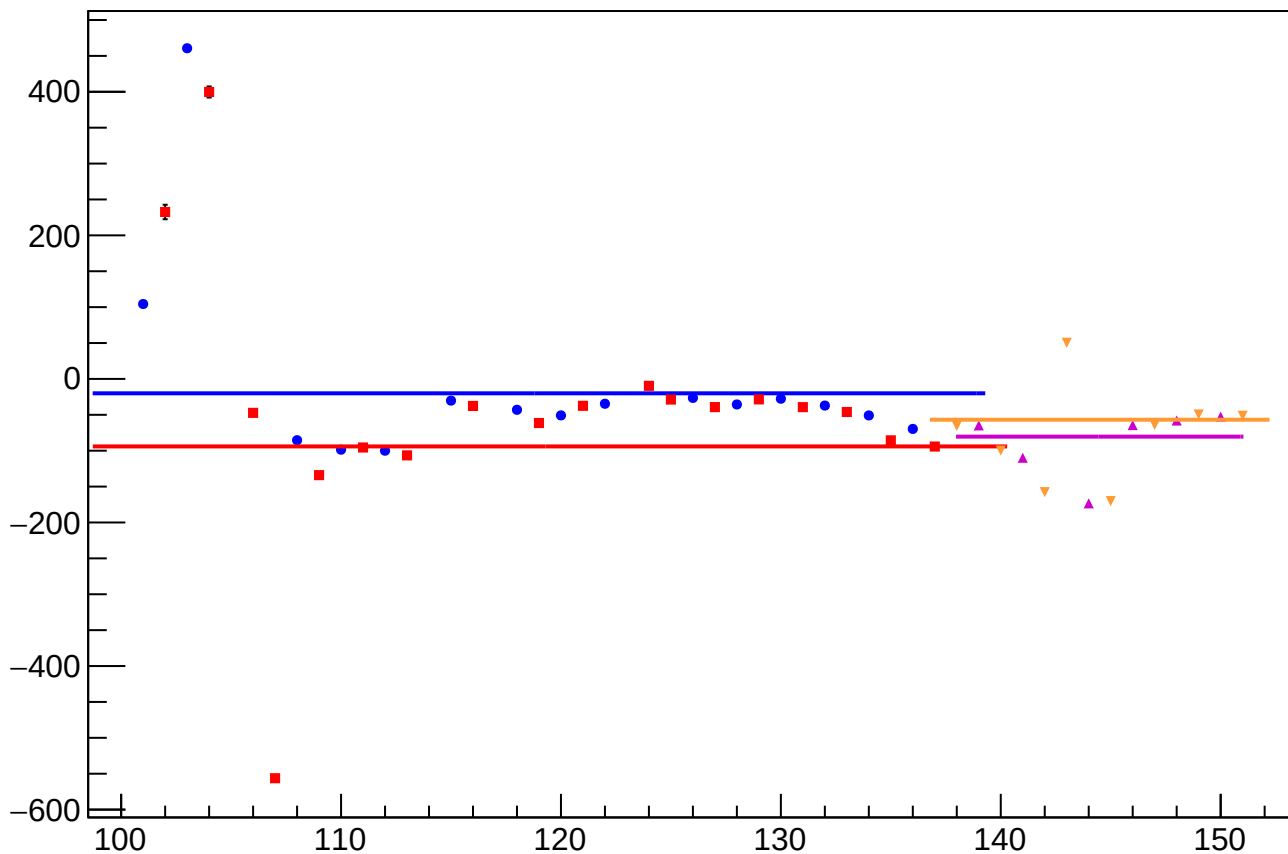
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.745 $\pm$ 0.013 χ^2 /NDF: 45089.3/20

Out: 15.057 $\pm$ 0.011 χ^2 /NDF: 99954.5/25

All: 14.481 $\pm$ 0.009 χ^2 /NDF: 150812.5/46

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -56.835+/-0.185 χ^2/NDF : 43645.6/7

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -80.416+/-0.217 χ^2/NDF : 31182.0/5

Left: -66.782+/-0.141 χ^2/NDF : 81667.2/13

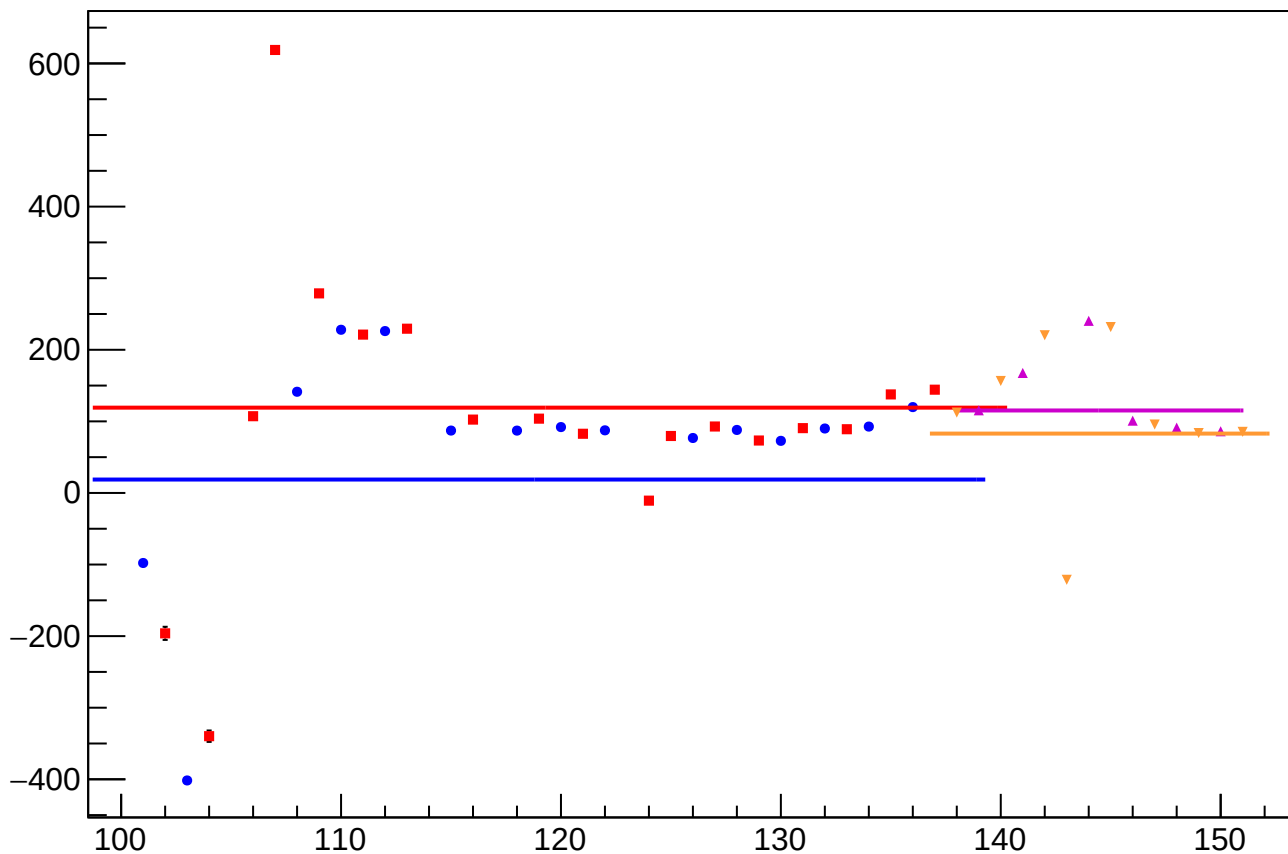
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -40.149+/-0.125 χ^2/NDF : 524345.9/20

Out: -93.883+/-0.012 χ^2/NDF : 171336.7/25

All: -93.360+/-0.012 χ^2/NDF : 878412.2/46

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: 115.225 ± 0.193 $\chi^2/\text{NDF}: 50860.6/5$

Left: 96.778 ± 0.127 $\chi^2/\text{NDF}: 228352.3/13$

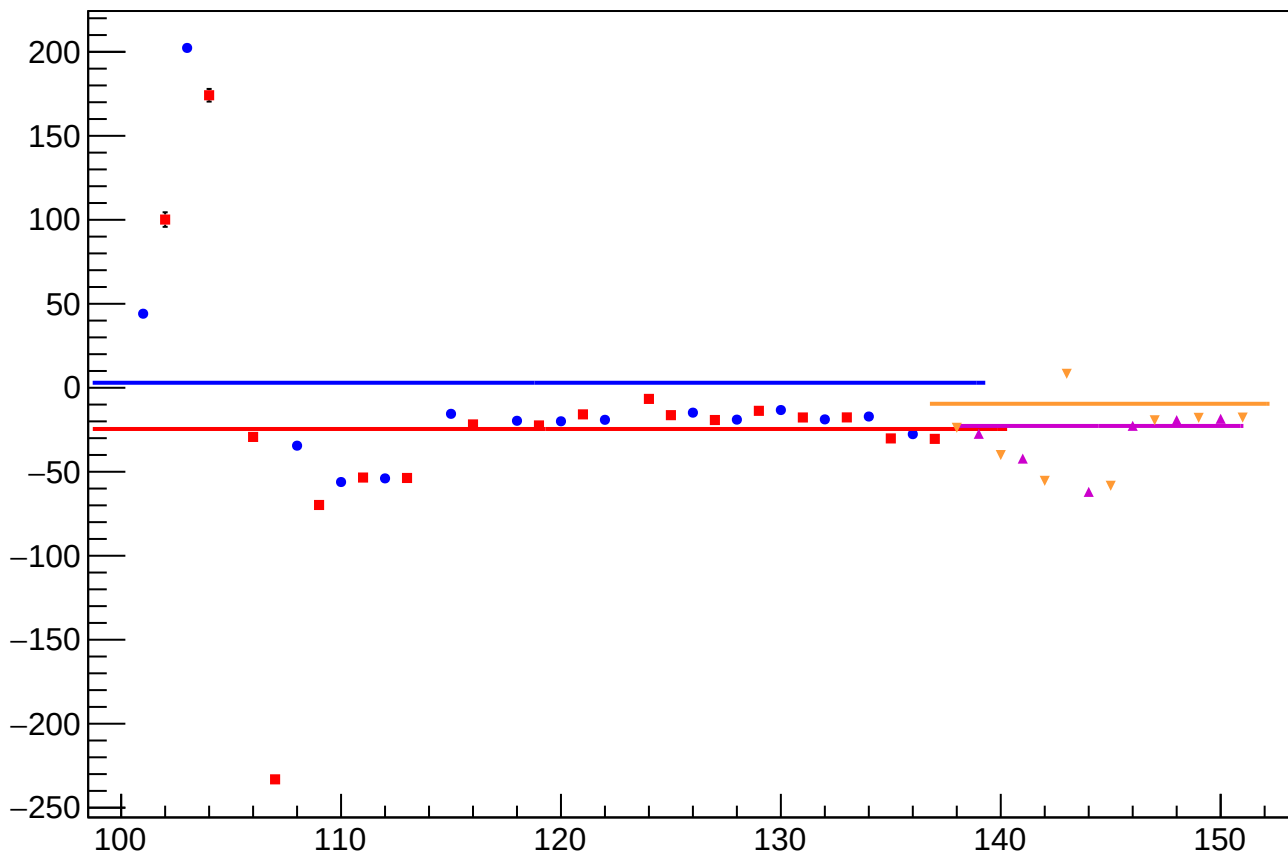
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 55.649 ± 0.119 $\chi^2/\text{NDF}: 1306698.2/20$

Out: 97.922 ± 0.128 $\chi^2/\text{NDF}: 268370.5/25$

All: 75.306 ± 0.087 $\chi^2/\text{NDF}: 1633262.7/46$

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: -22.725 ± 0.027 χ^2/NDF : 114529.8/5

Left: -15.218 ± 0.018 χ^2/NDF : 652111.3/13

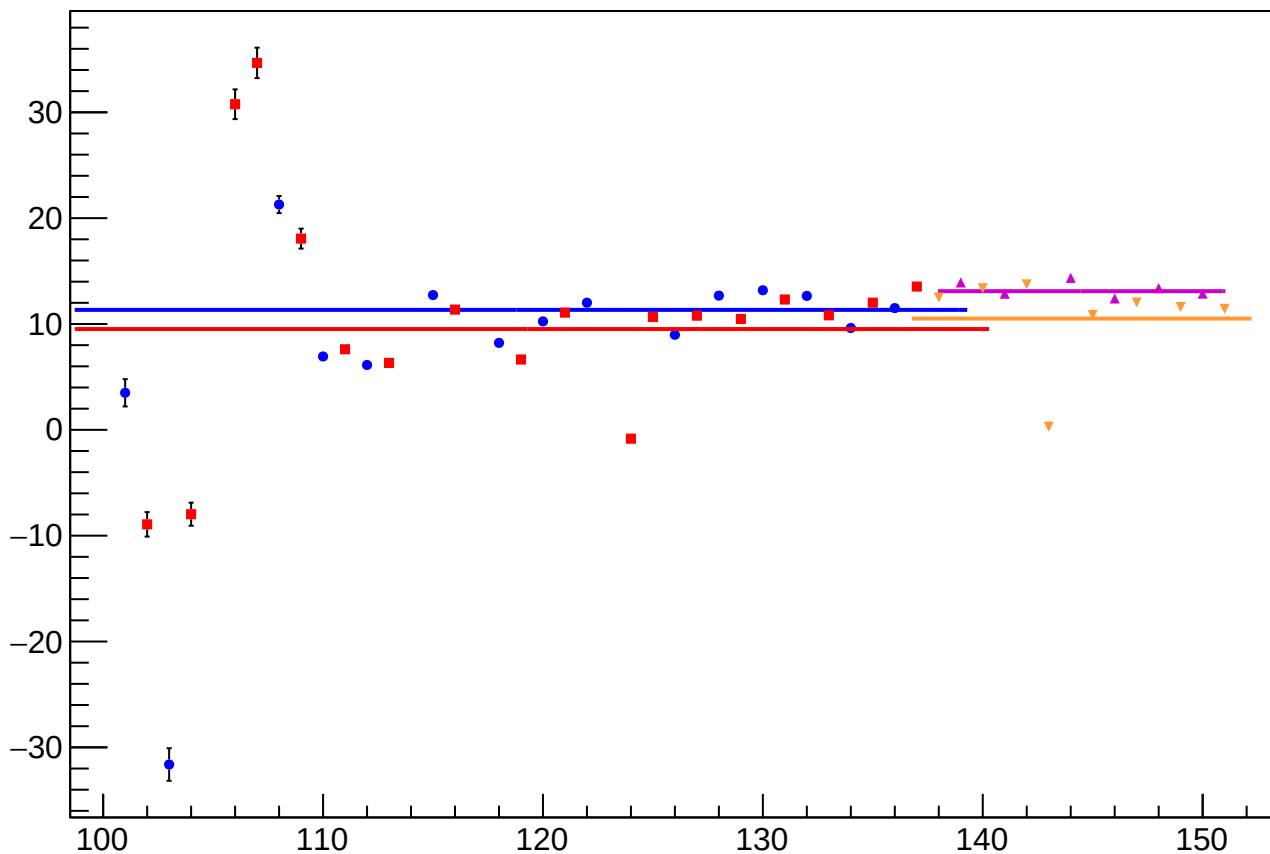
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -9.847 ± 0.019 χ^2/NDF : 4067972.4/20

Out: -12.890 ± 0.021 χ^2/NDF : 669245.1/25

All: -11.244 ± 0.014 χ^2/NDF : 4748962.7/46

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: 13.100 $\pm$ 0.025 χ^2 /NDF:432.7/5

Left: 11.951 $\pm$ 0.018 χ^2 /NDF: 30191.4/13

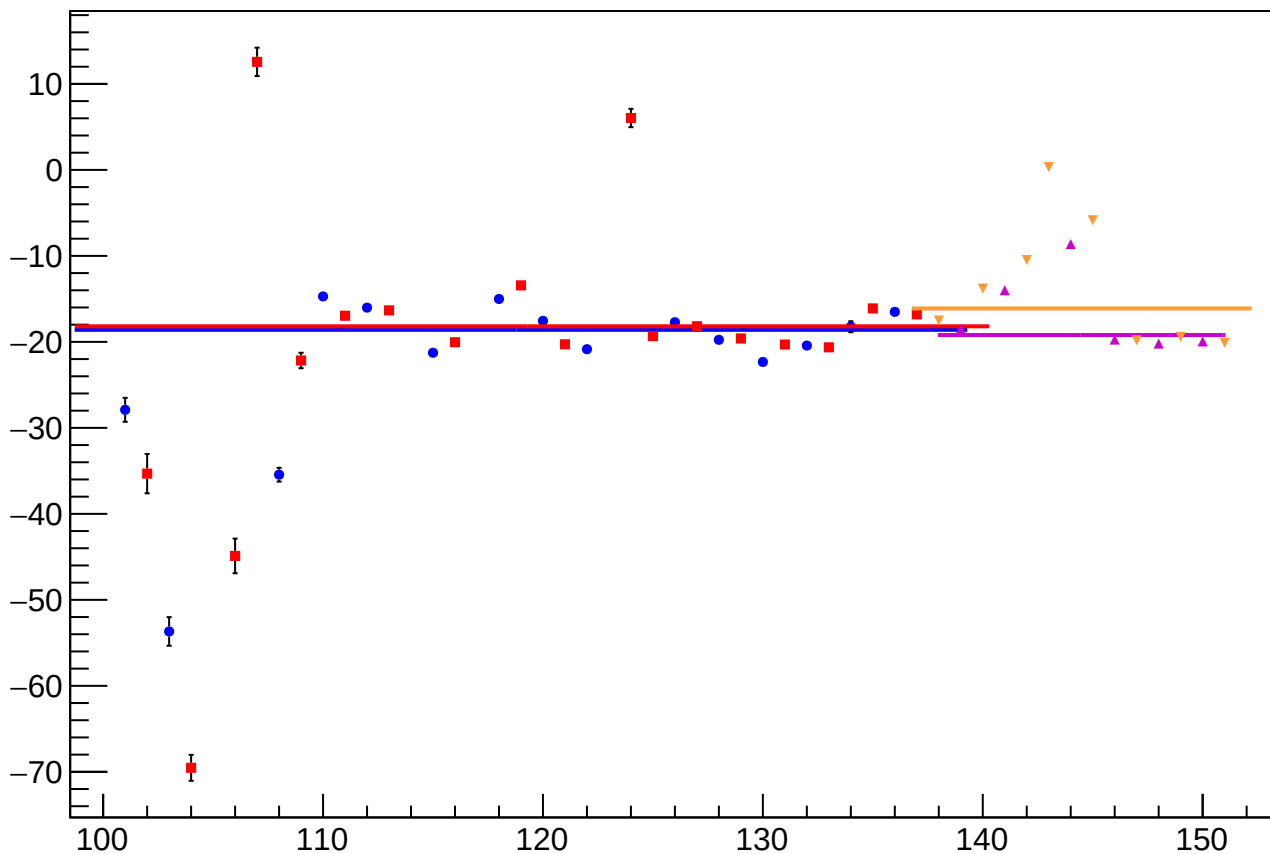
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.562 $\pm$ 0.021 χ^2 /NDF:4391.2/20

Out: 10.266 $\pm$ 0.024 χ^2 /NDF:29287.5/25

All: 11.586 $\pm$ 0.016 χ^2 /NDF: 38946.2/46

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -16.112 ± 0.031 χ^2/NDF : 40195.7/7

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.202 ± 0.029 χ^2/NDF : 6036.0/5

Left: -17.760 ± 0.021 χ^2/NDF : 51626.1/13

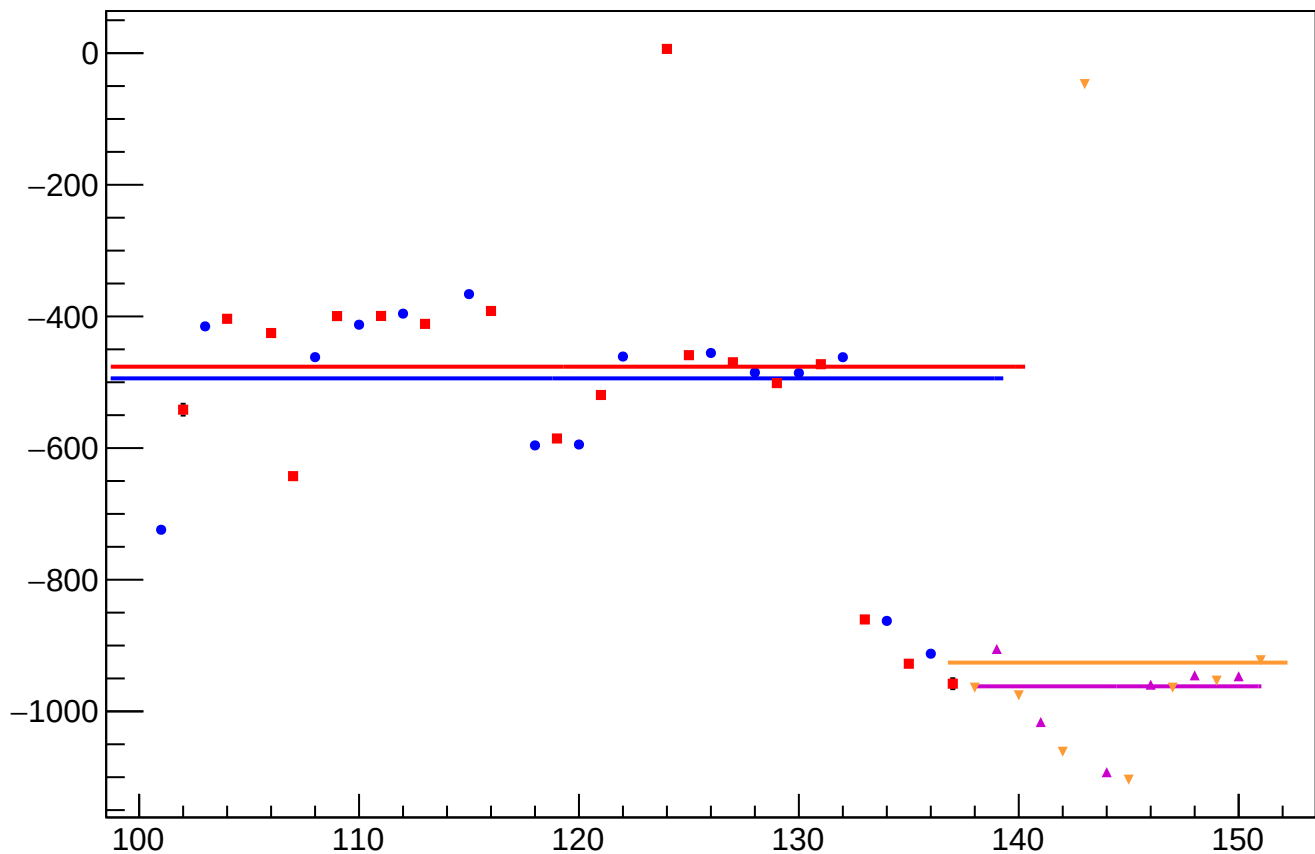
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -18.976 ± 0.023 χ^2/NDF : 12391.3/20

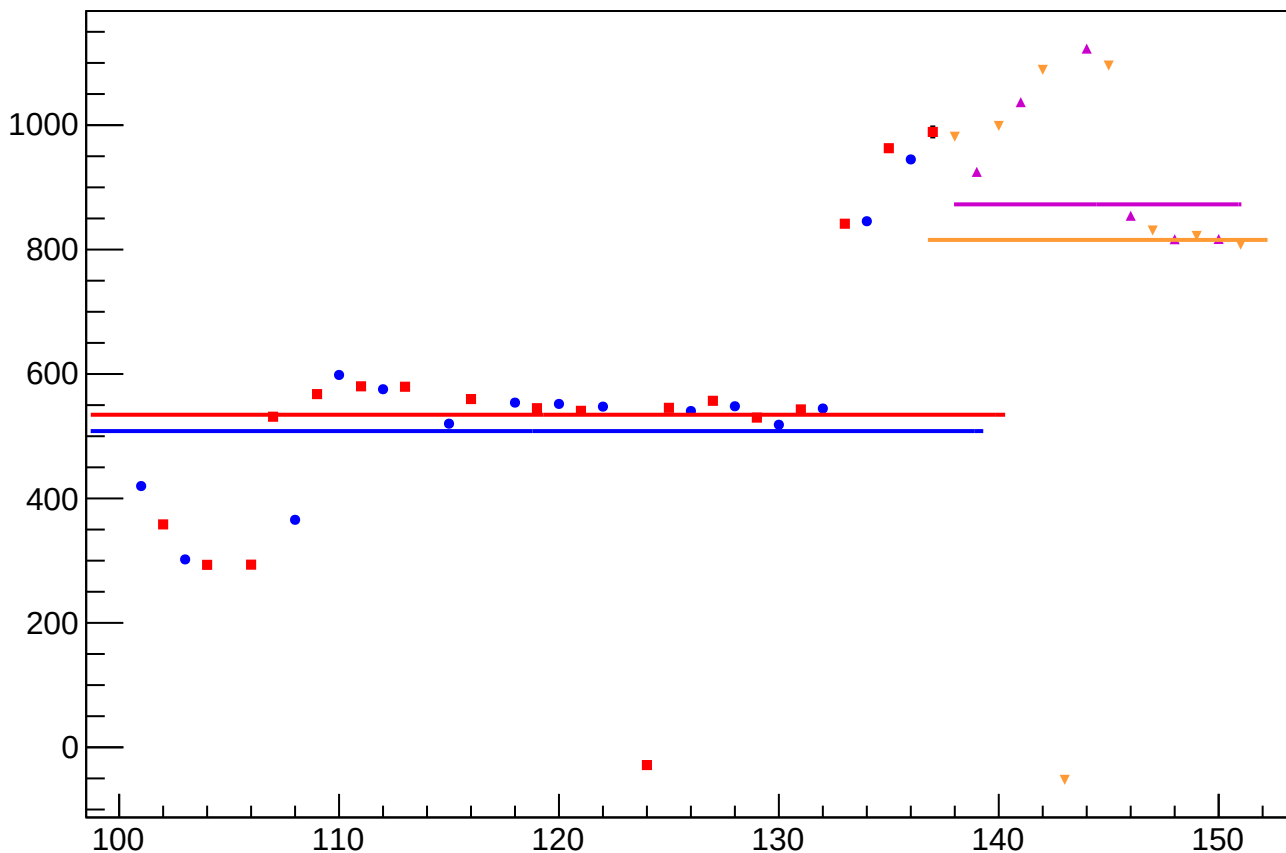
Out: -16.691 ± 0.026 χ^2/NDF : 46349.3/25

All: -17.990 ± 0.017 χ^2/NDF : 63098.9/46

dit_atl2_4aX_slope vs Slug, Sign Corrected



dit_atl2_4eX_slope vs Slug, Sign Corrected



Left: 839.800 +/- 0.211 χ^2/NDF : 499696.9/13

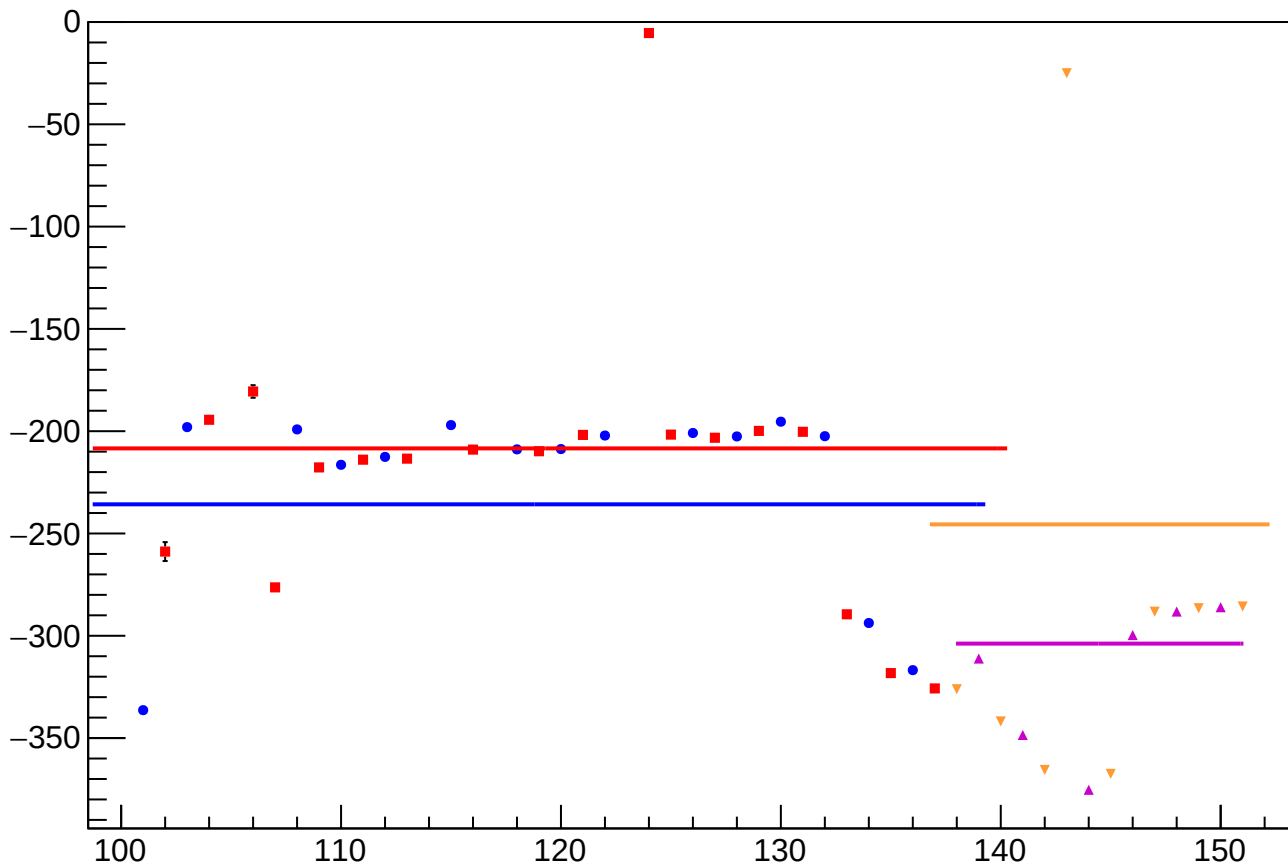
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 624.165 +/- 0.183 χ^2/NDF : 1378878.6/20

Out: 640.650 +/- 0.171 χ^2/NDF : 1402490.0/25

All: 632.953 +/- 0.125 χ^2/NDF : 2785691.4/46

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -245.551 ± 0.043 $\chi^2/\text{NDF}: 5507238.8/7$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -303.830 ± 0.059 $\chi^2/\text{NDF}: 210642.7/5$

Left: -265.710 ± 0.034 $\chi^2/\text{NDF}: 6365436.6/13$

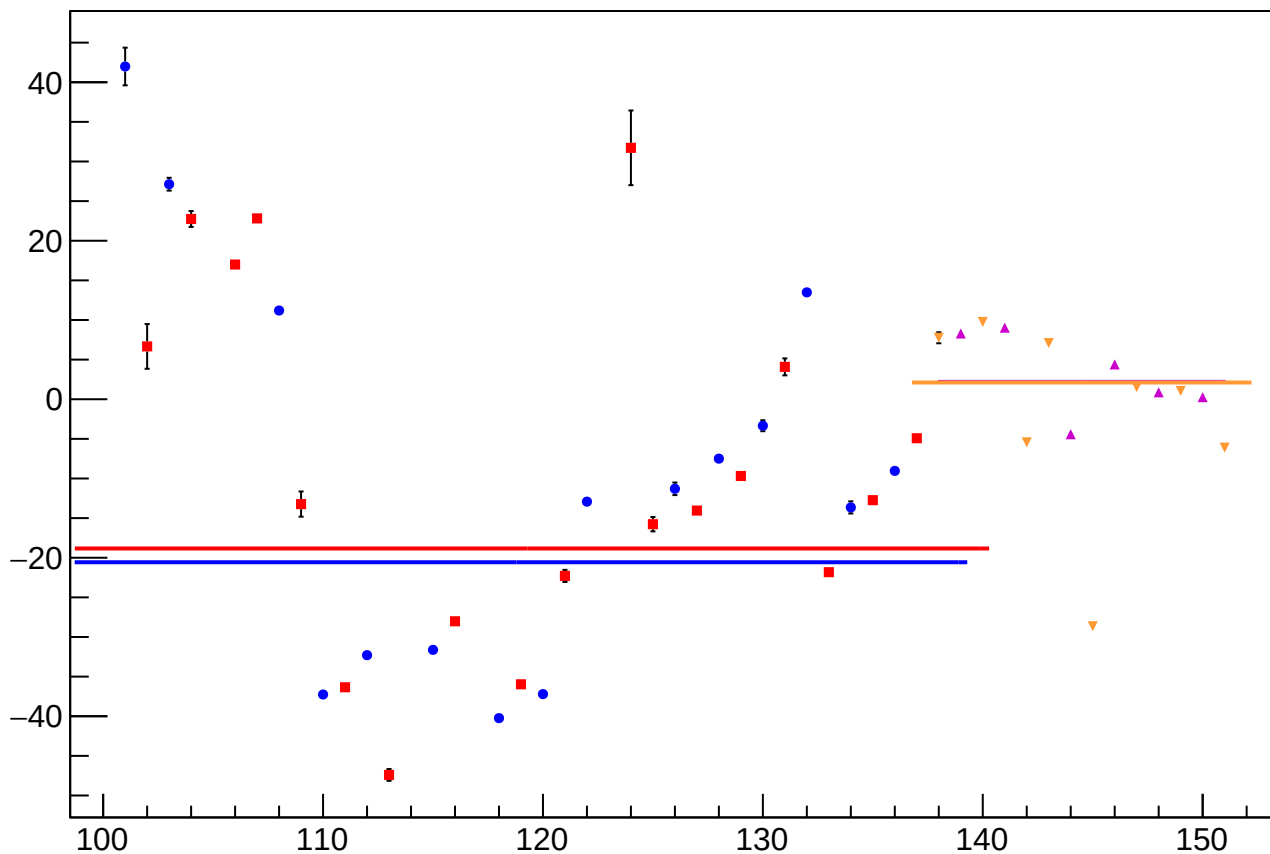
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -267.787 ± 0.040 $\chi^2/\text{NDF}: 1802118.7/20$

Out: -228.704 ± 0.031 $\chi^2/\text{NDF}: 6227131.8/25$

All: -243.572 ± 0.025 $\chi^2/\text{NDF}: 8615461.9/46$

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: 2.190 ± 0.039 χ^2/NDF : 7195.8/5

Left: 2.161 ± 0.031 χ^2/NDF : 15138.2/13

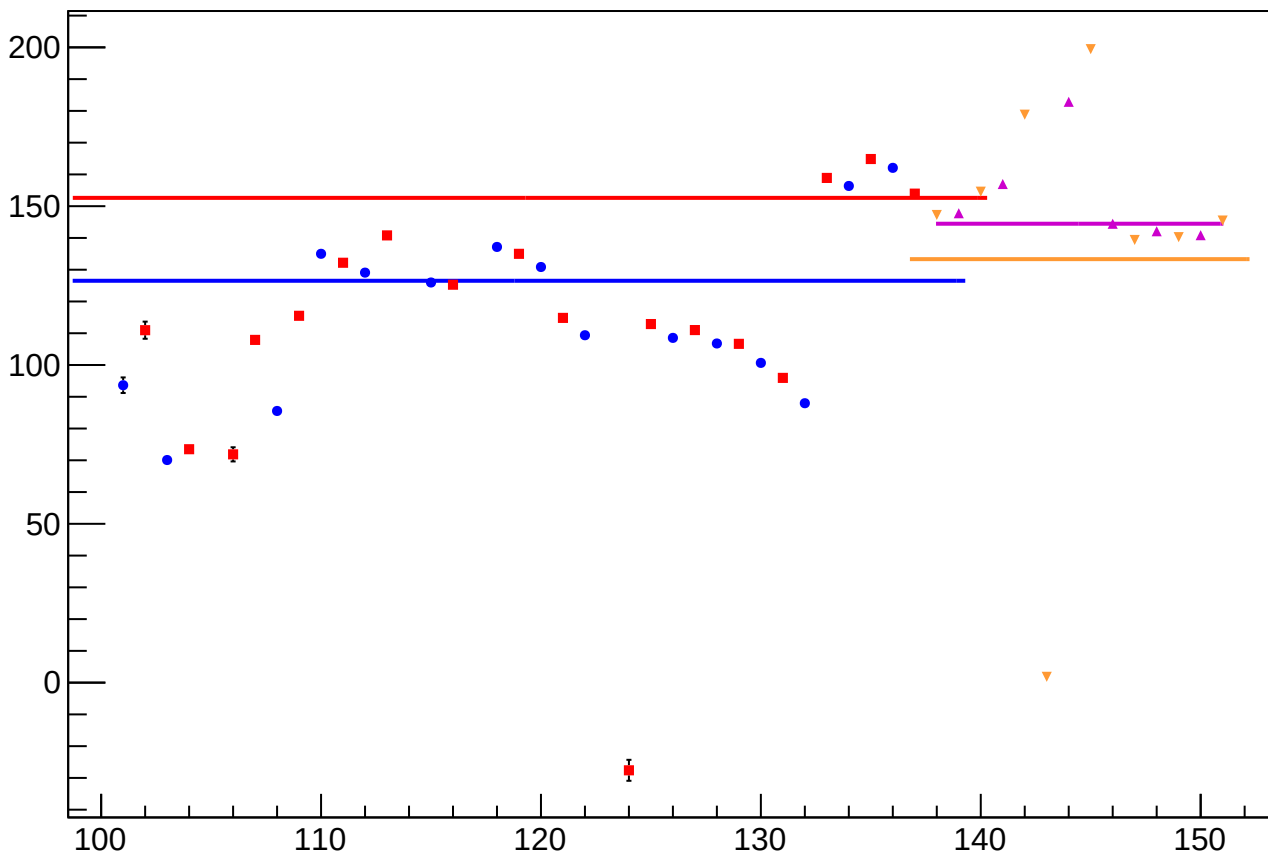
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -3.092 ± 0.034 χ^2/NDF : 148760.8/20

Out: -1.555 ± 0.045 χ^2/NDF : 59813.2/25

All: -2.529 ± 0.027 χ^2/NDF : 209305.9/46

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: 144.477 $\pm$ 0.051 χ^2 /NDF: 20643.9/5

Left: 139.834 $\pm$ 0.039 χ^2 /NDF: 422632.1/13

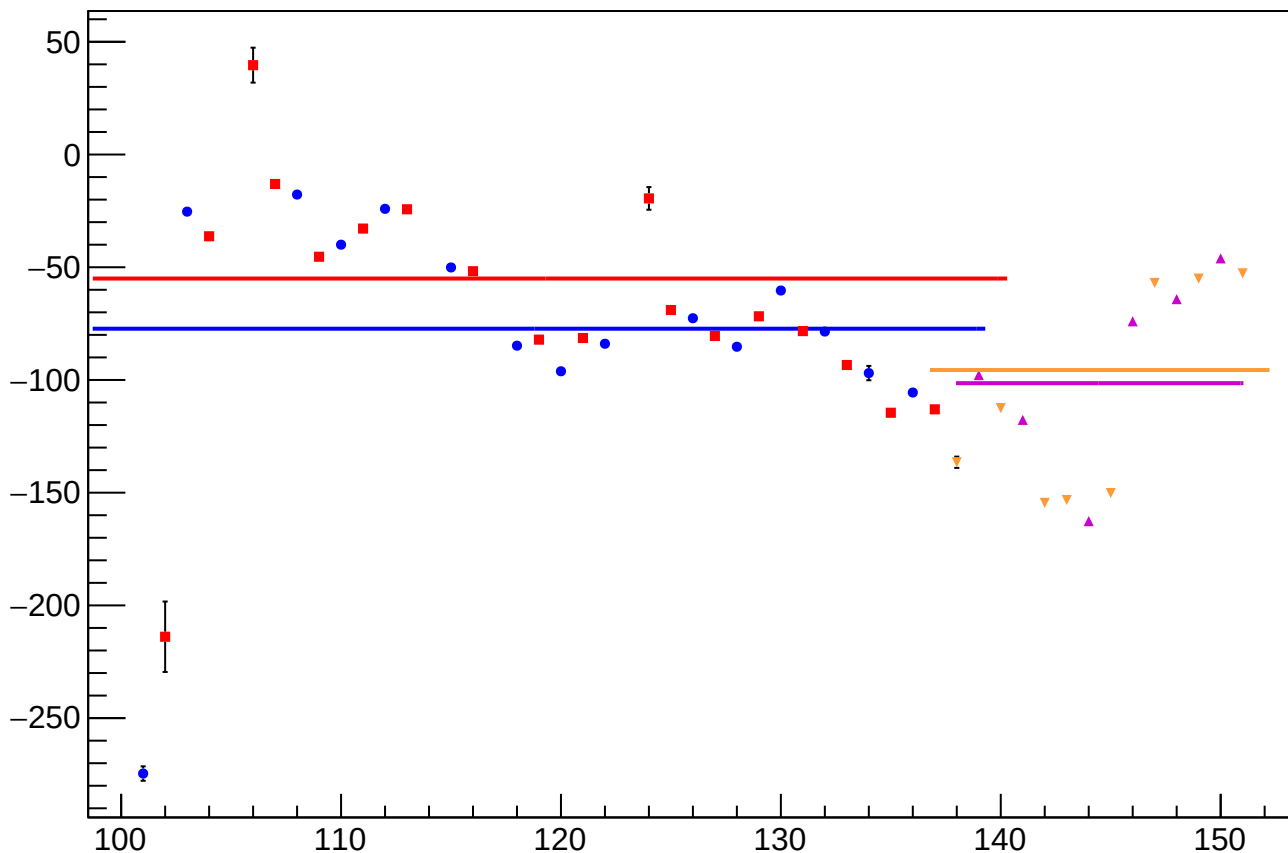
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 139.631 $\pm$ 0.044 χ^2 /NDF: 168993.2/20

Out: 148.735 $\pm$ 0.027 χ^2 /NDF: 537511.5/25

All: 146.197 $\pm$ 0.023 χ^2 /NDF: 737903.1/46

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -95.597 ± 0.200 χ^2/NDF : 45005.8/7

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -101.420 ± 0.198 χ^2/NDF : 37272.6/5

Left: -98.528 ± 0.141 χ^2/NDF : 82706.2/13

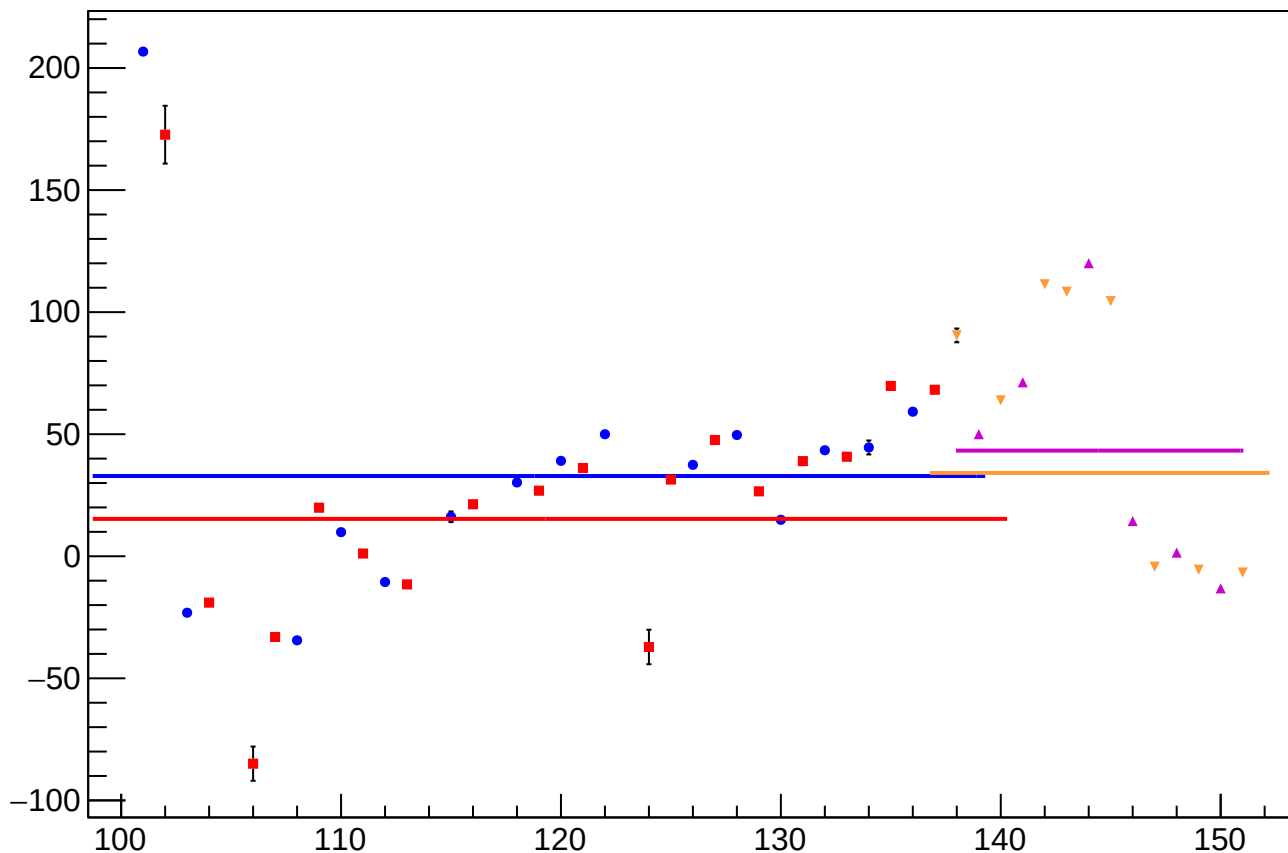
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -85.781 ± 0.118 χ^2/NDF : 77226.6/20

Out: -74.317 ± 0.138 χ^2/NDF : 90289.6/25

All: -80.938 ± 0.090 χ^2/NDF : 171515.7/46

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: 43.283 ± 0.182 $\chi^2/\text{NDF}: 58536.2/5$

Left: 38.641 ± 0.128 $\chi^2/\text{NDF}: 133785.4/13$

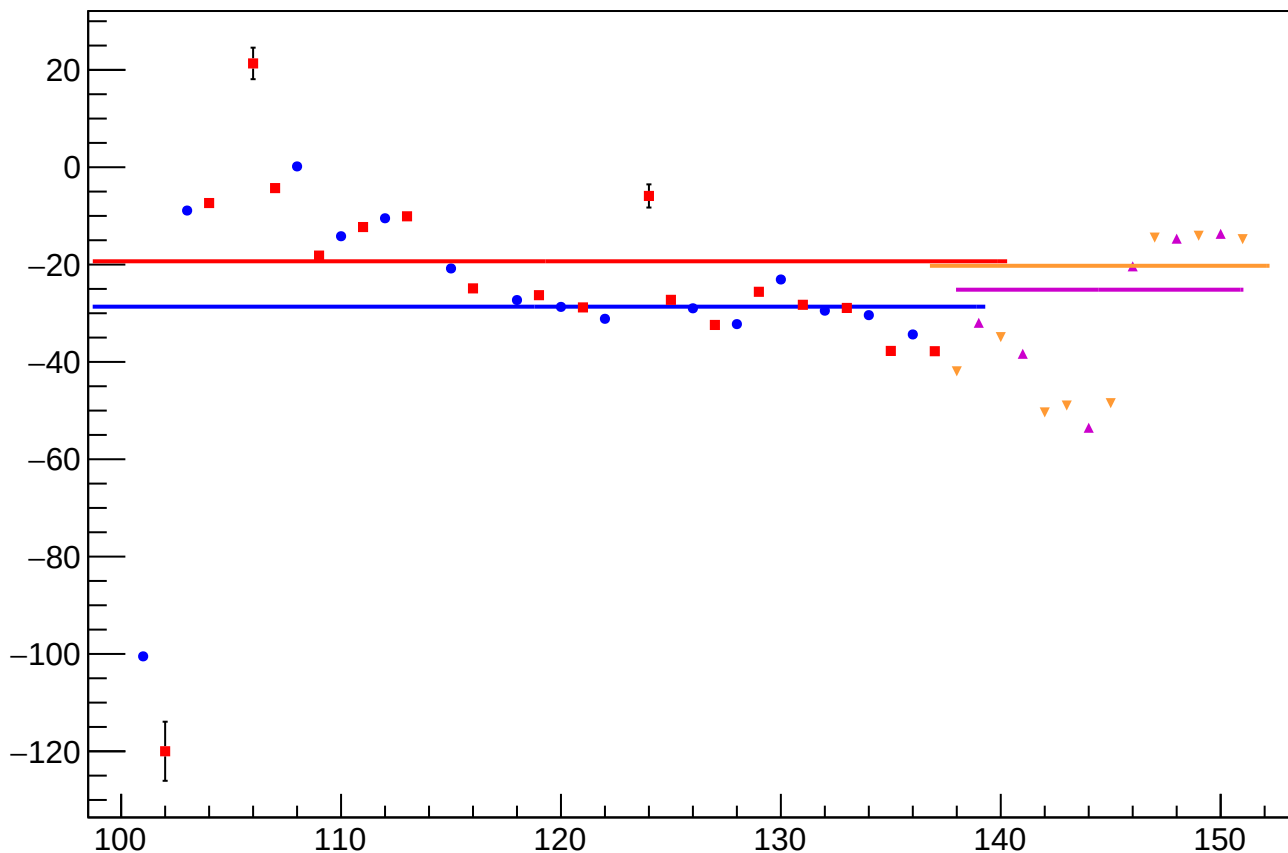
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 36.944 ± 0.114 $\chi^2/\text{NDF}: 91920.5/20$

Out: 26.183 ± 0.136 $\chi^2/\text{NDF}: 95373.6/25$

All: 32.518 ± 0.087 $\chi^2/\text{NDF}: 190963.9/46$

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: -25.161 ± 0.031 $\chi^2/\text{NDF}: 139749.7/5$

Left: -22.388 ± 0.020 $\chi^2/\text{NDF}: 363925.0/13$

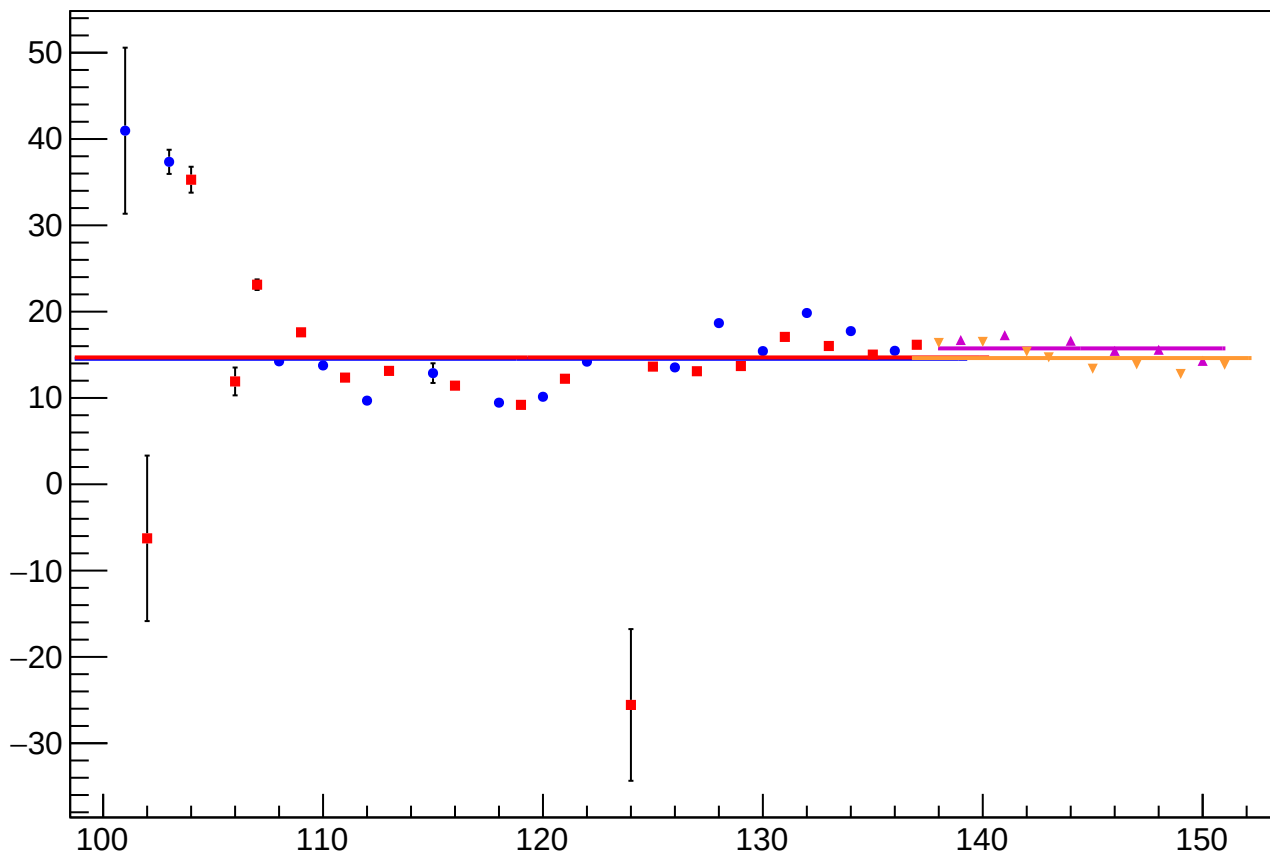
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -26.708 ± 0.023 $\chi^2/\text{NDF}: 258952.7/20$

Out: -19.954 ± 0.022 $\chi^2/\text{NDF}: 266569.8/25$

All: -23.236 ± 0.016 $\chi^2/\text{NDF}: 570533.9/46$

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: 15.743+/-0.026 χ^2/NDF : 1767.5/5

Left: 15.181+/-0.018 χ^2/NDF : 5432.0/13

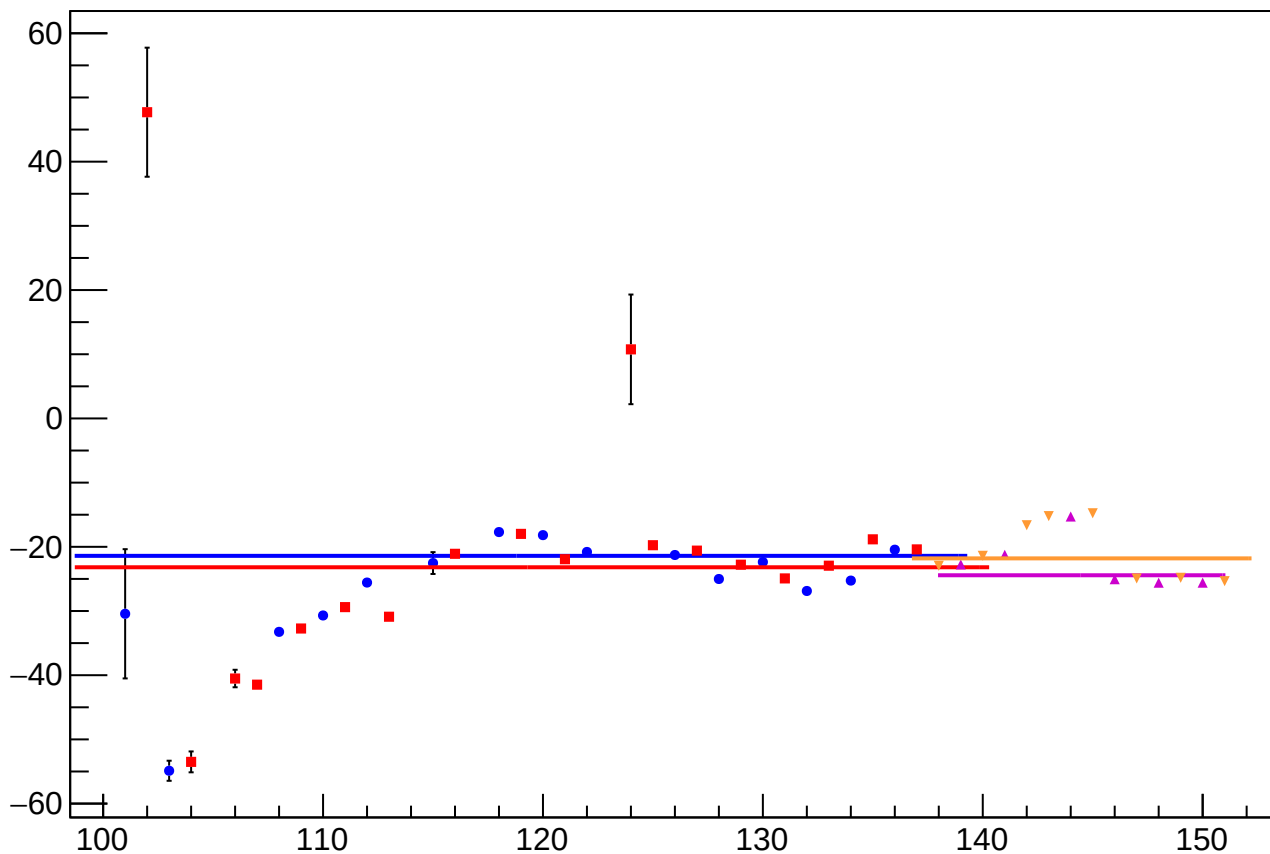
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.225+/-0.020 χ^2/NDF : 14768.9/20

Out: 14.641+/-0.022 χ^2/NDF : 4361.0/25

All: 14.970+/-0.015 χ^2/NDF : 19519.1/46

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 +/- 0.036 χ^2/NDF : 9686.6/14

Left Out: -21.801 +/- 0.027 χ^2/NDF : 23841.3/7

Right Out: -23.186 +/- 0.051 χ^2/NDF : 9126.8/17

Left In: -24.431 +/- 0.030 χ^2/NDF : 7244.3/5

Left: -22.997 +/- 0.020 χ^2/NDF : 35291.0/13

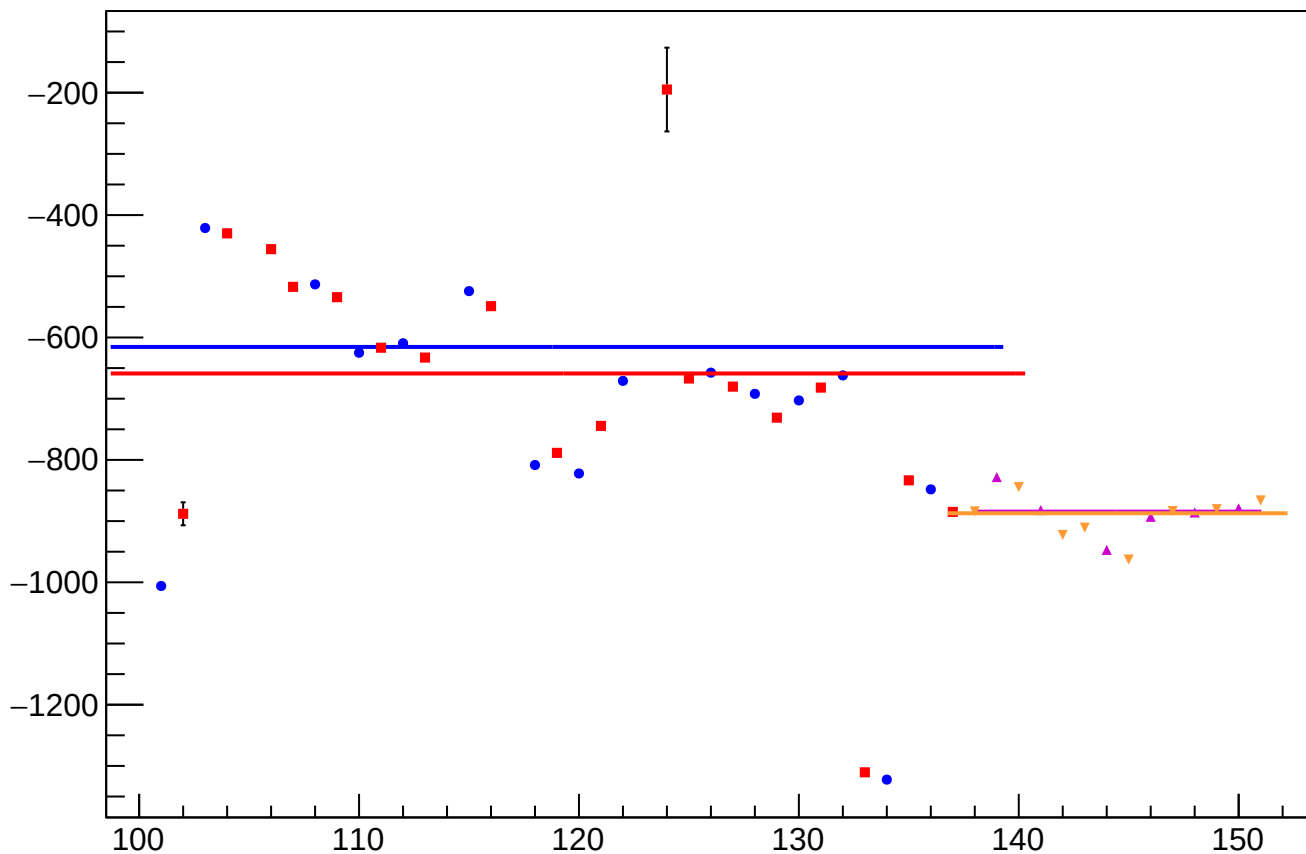
Right: -21.987 +/- 0.029 χ^2/NDF : 19630.5/32

In: -23.177 +/- 0.023 χ^2/NDF : 21162.8/20

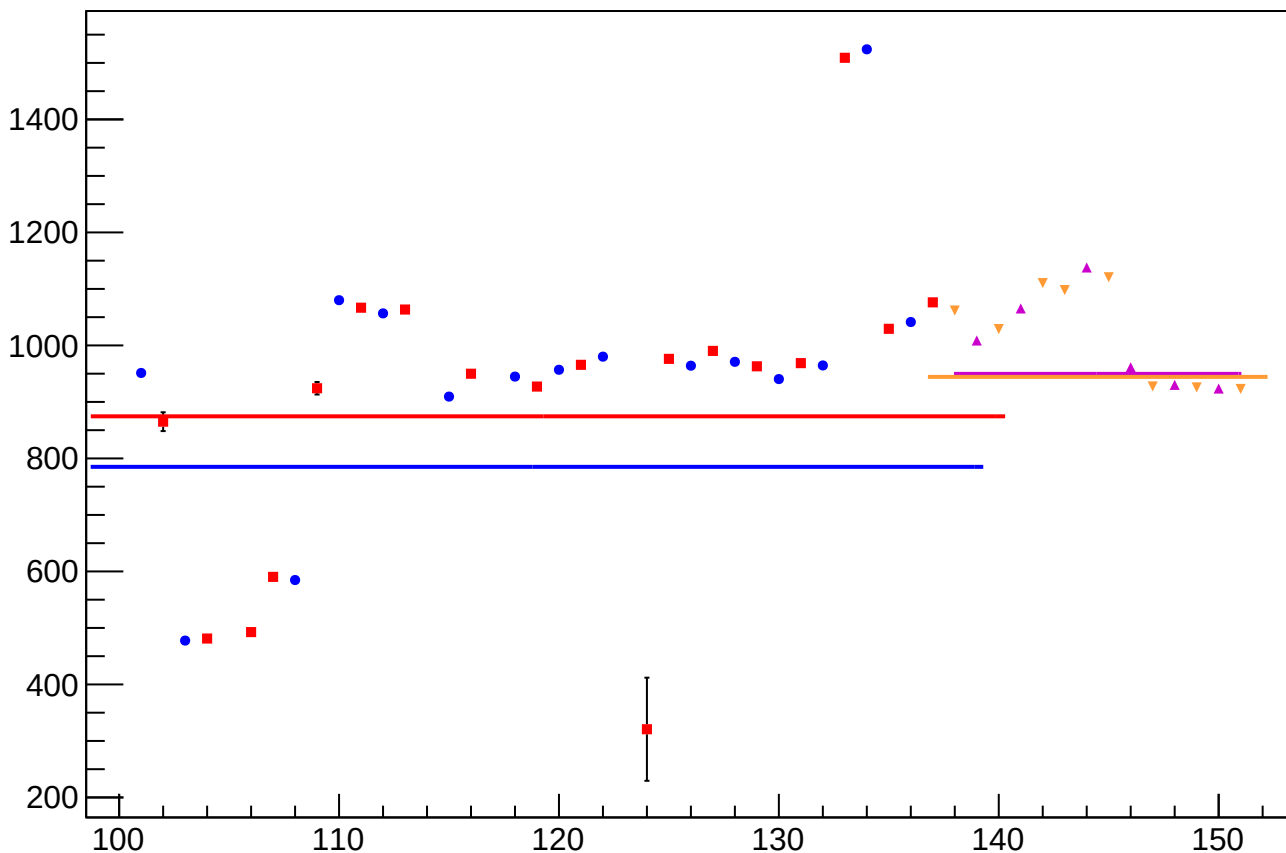
Out: -22.109 +/- 0.024 χ^2/NDF : 33539.0/25

All: -22.670 +/- 0.017 χ^2/NDF : 55731.6/46

dit_atr2_4aX_slope vs Slug, Sign Corrected



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: 949.637+/-0.199 χ^2/NDF : 71181.1/5

Left: 947.084+/-0.143 χ^2/NDF : 139288.7/13

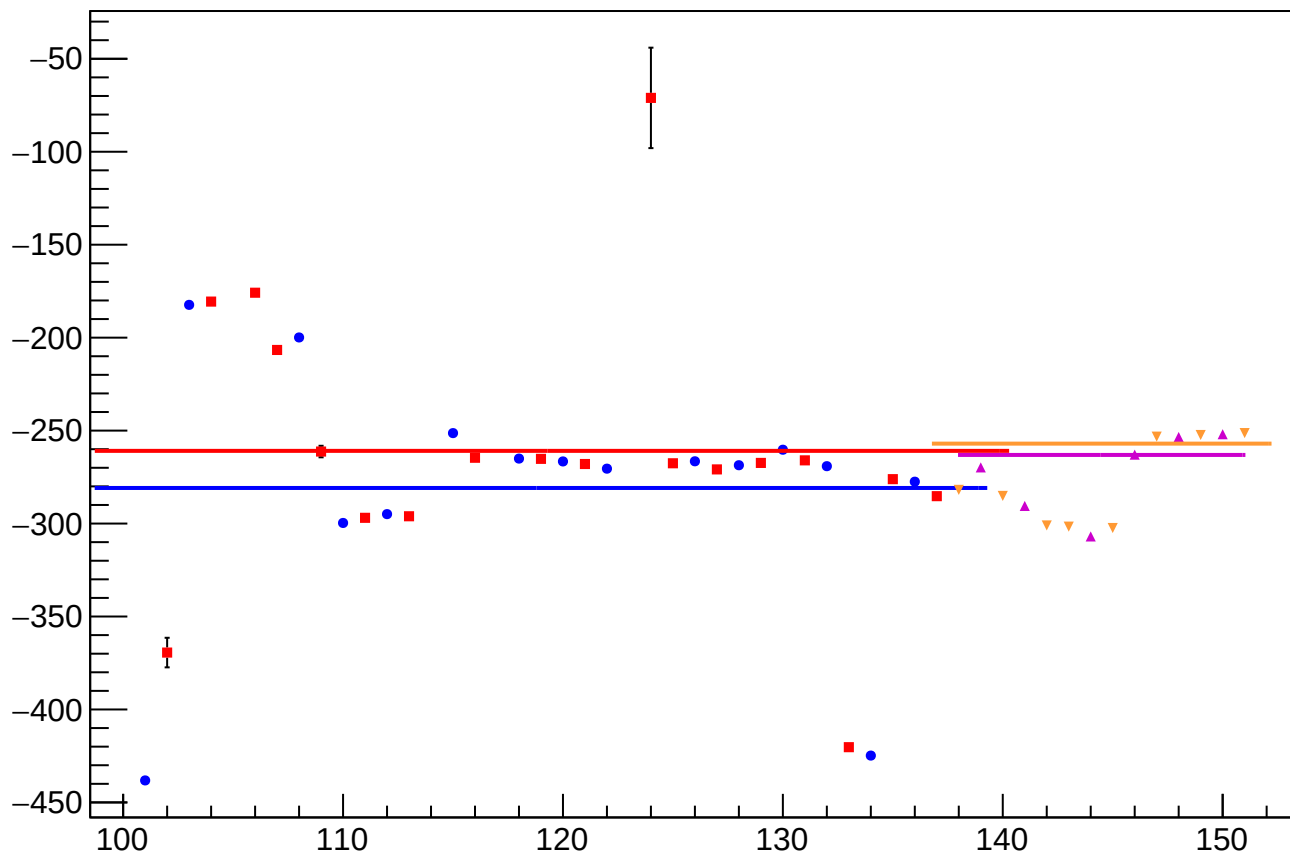
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 878.668+/-0.150 χ^2/NDF : 1253408.6/20

Out: 917.657+/-0.162 χ^2/NDF : 954469.2/25

All: 896.691+/-0.110 χ^2/NDF : 2239207.2/46

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.004 ± 0.036 $\chi^2/\text{NDF}: 152397.4/7$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -263.090 ± 0.039 $\chi^2/\text{NDF}: 157436.1/5$

Left: -259.738 ± 0.026 $\chi^2/\text{NDF}: 323005.3/13$

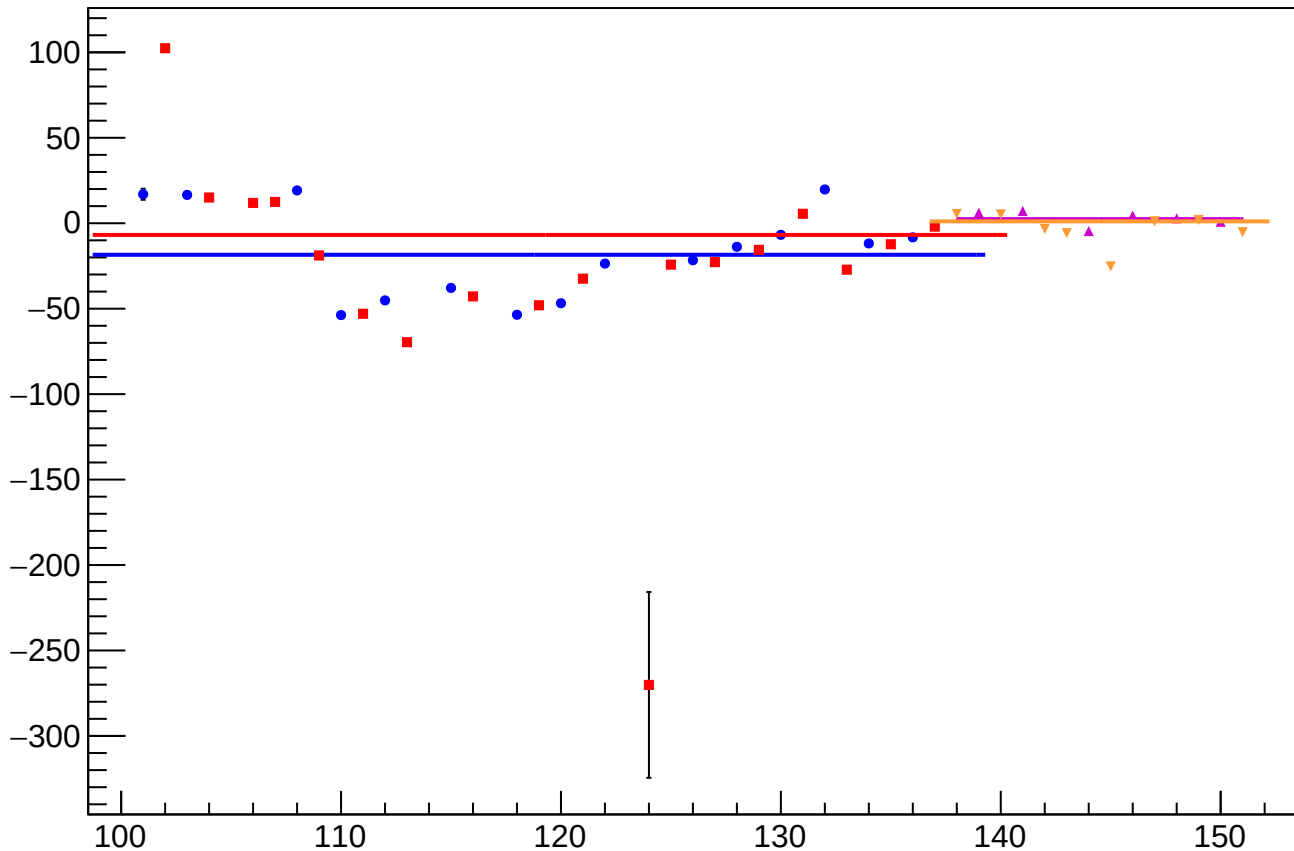
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -268.621 ± 0.033 $\chi^2/\text{NDF}: 1094490.3/20$

Out: -257.848 ± 0.031 $\chi^2/\text{NDF}: 502715.2/25$

All: -263.032 ± 0.023 $\chi^2/\text{NDF}: 1653654.8/46$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 $\pm$ 0.091 χ^2/NDF : 46574.6/14

Left Out: 1.090 $\pm$ 0.055 χ^2/NDF : 5868.8/7

Right Out: -6.843 $\pm$ 0.065 χ^2/NDF : 50023.0/17

Left In: 2.418 $\pm$ 0.042 χ^2/NDF : 4067.1/5

Left: 1.934 $\pm$ 0.033 χ^2/NDF : 10307.7/13

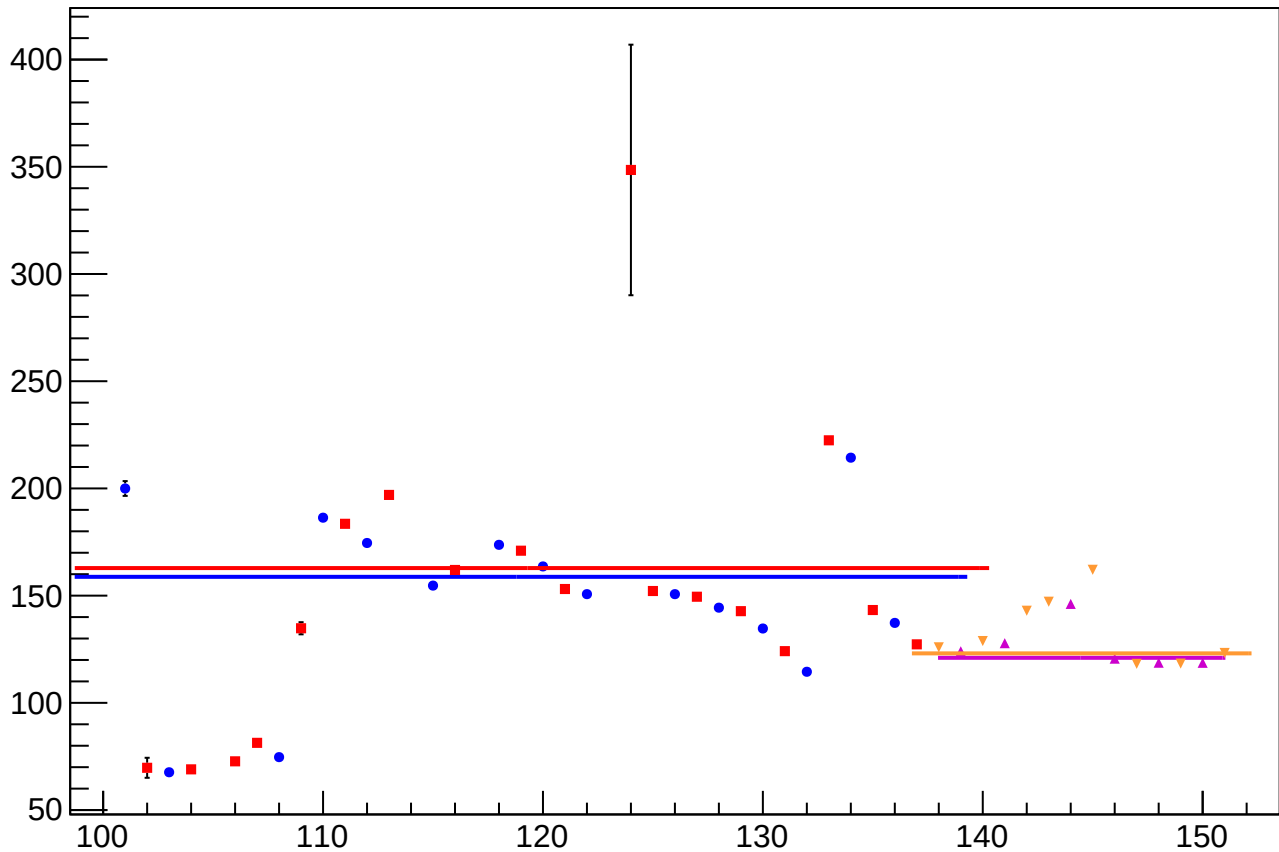
Right: -10.715 $\pm$ 0.053 χ^2/NDF : 107378.5/32

In: -1.166 $\pm$ 0.038 χ^2/NDF : 93948.1/20

Out: -2.239 $\pm$ 0.042 χ^2/NDF : 64652.1/25

All: -1.648 $\pm$ 0.028 χ^2/NDF : 158962.3/46

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: 121.007 $\pm$ 0.045 χ^2 /NDF: 12946.4/5

Left: 121.821 $\pm$ 0.035 χ^2 /NDF: 44587.9/13

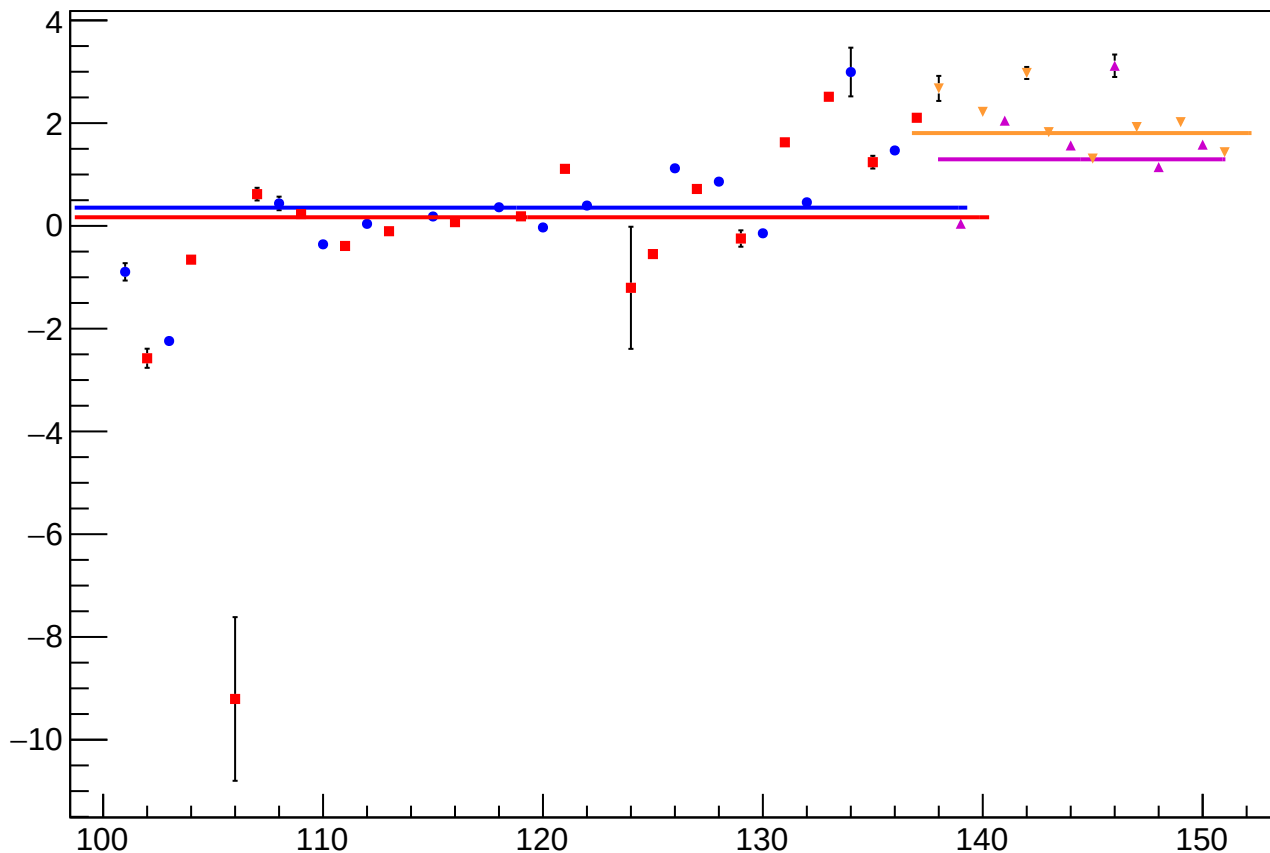
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 128.704 $\pm$ 0.040 χ^2 /NDF: 317571.0/20

Out: 133.472 $\pm$ 0.048 χ^2 /NDF: 321354.3/25

All: 130.666 $\pm$ 0.031 χ^2 /NDF: 644810.7/46

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: 1.296 ± 0.013 χ^2/NDF : 2526.1/5

Left: 1.480 ± 0.010 χ^2/NDF : 3502.0/13

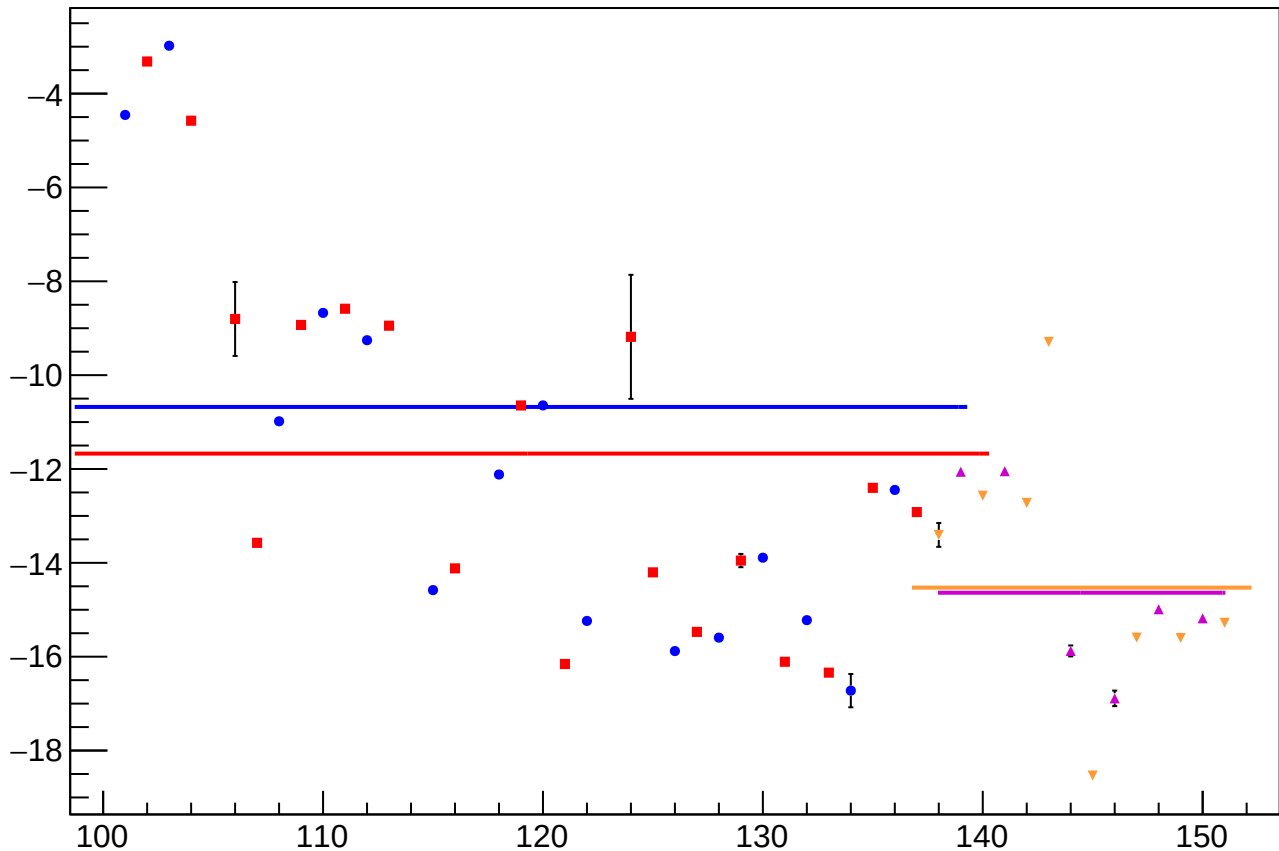
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.775 ± 0.009 χ^2/NDF : 9393.2/20

Out: 0.433 ± 0.007 χ^2/NDF : 12450.8/25

All: 0.566 ± 0.005 χ^2/NDF : 22775.1/46

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.528 ± 0.014 $\chi^2/\text{NDF}: 28307.6/7$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.637 ± 0.013 $\chi^2/\text{NDF}: 8931.3/5$

Left: -14.589 ± 0.009 $\chi^2/\text{NDF}: 37271.4/13$

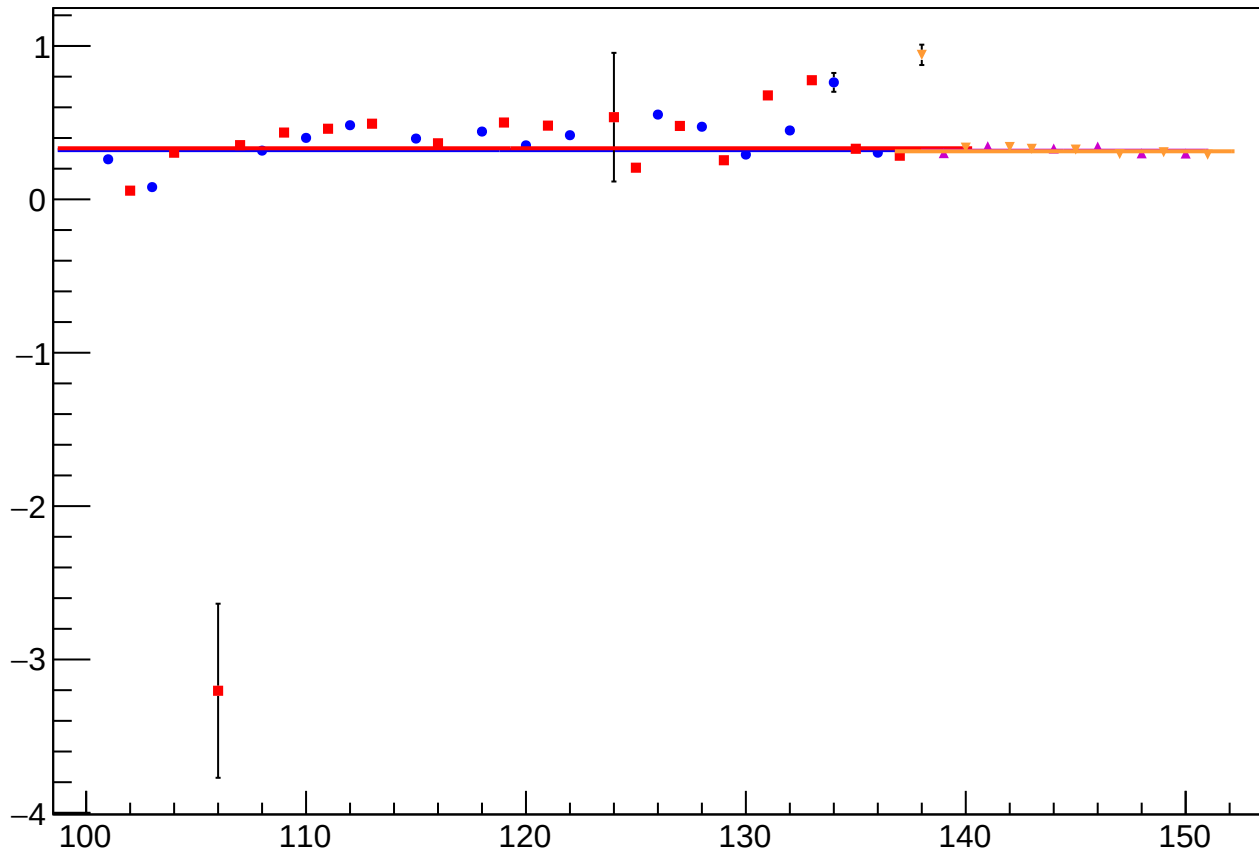
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -12.253 ± 0.008 $\chi^2/\text{NDF}: 294756.2/20$

Out: -12.809 ± 0.009 $\chi^2/\text{NDF}: 160125.0/25$

All: -12.497 ± 0.006 $\chi^2/\text{NDF}: 457014.5/46$

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: 0.317 ± 0.001 χ^2/NDF : 1236.8/5

Left: 0.315 ± 0.000 χ^2/NDF : 3335.9/13

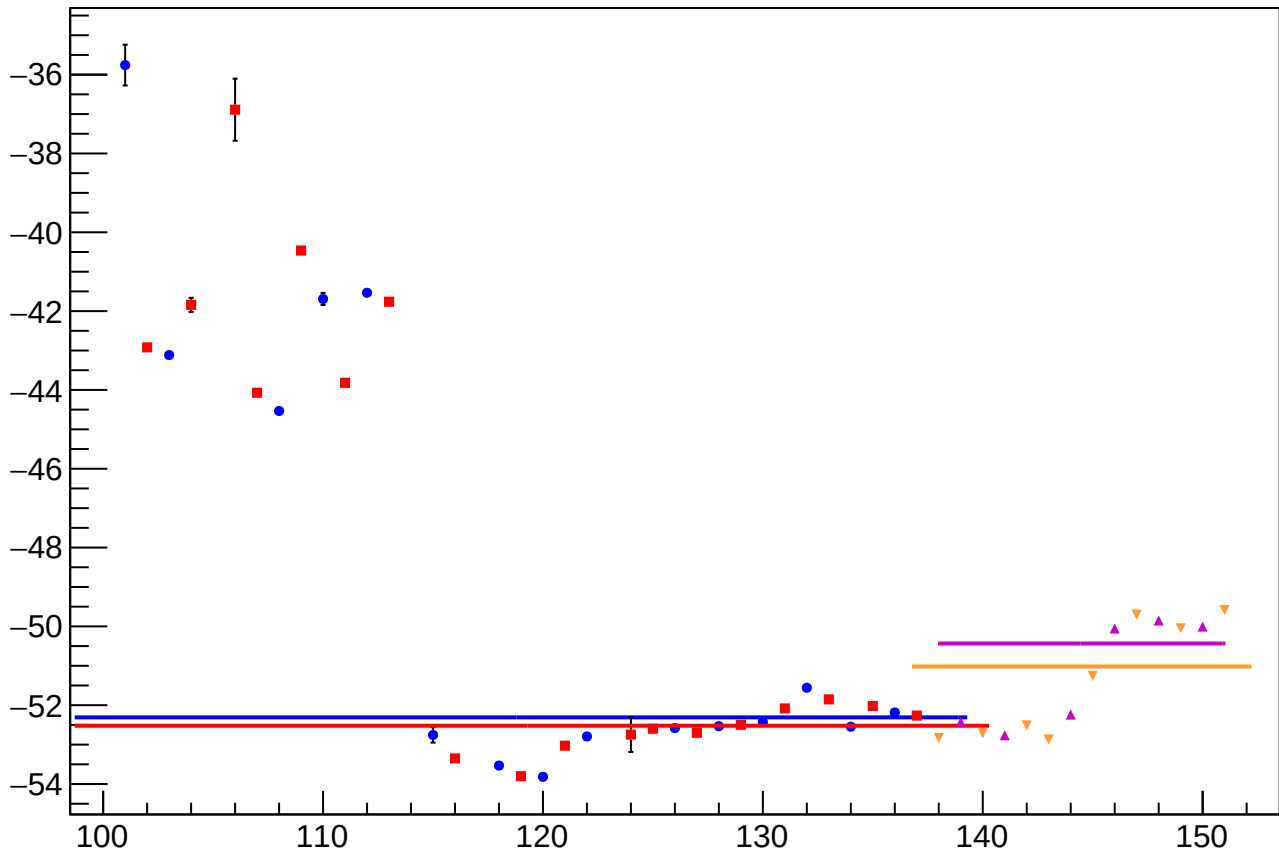
Right: 0.325 ± 0.001 χ^2/NDF : 8247.8/32

In: 0.318 ± 0.000 χ^2/NDF : 5265.8/20

Out: 0.315 ± 0.000 χ^2/NDF : 6458.4/25

All: 0.317 ± 0.000 χ^2/NDF : 11743.8/46

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -51.019 $\pm$ 0.004 χ^2 /NDF: 171081.0/7

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.435 $\pm$ 0.003 χ^2 /NDF: 138062.8/5

Left: -50.643 $\pm$ 0.002 χ^2 /NDF: 327006.0/13

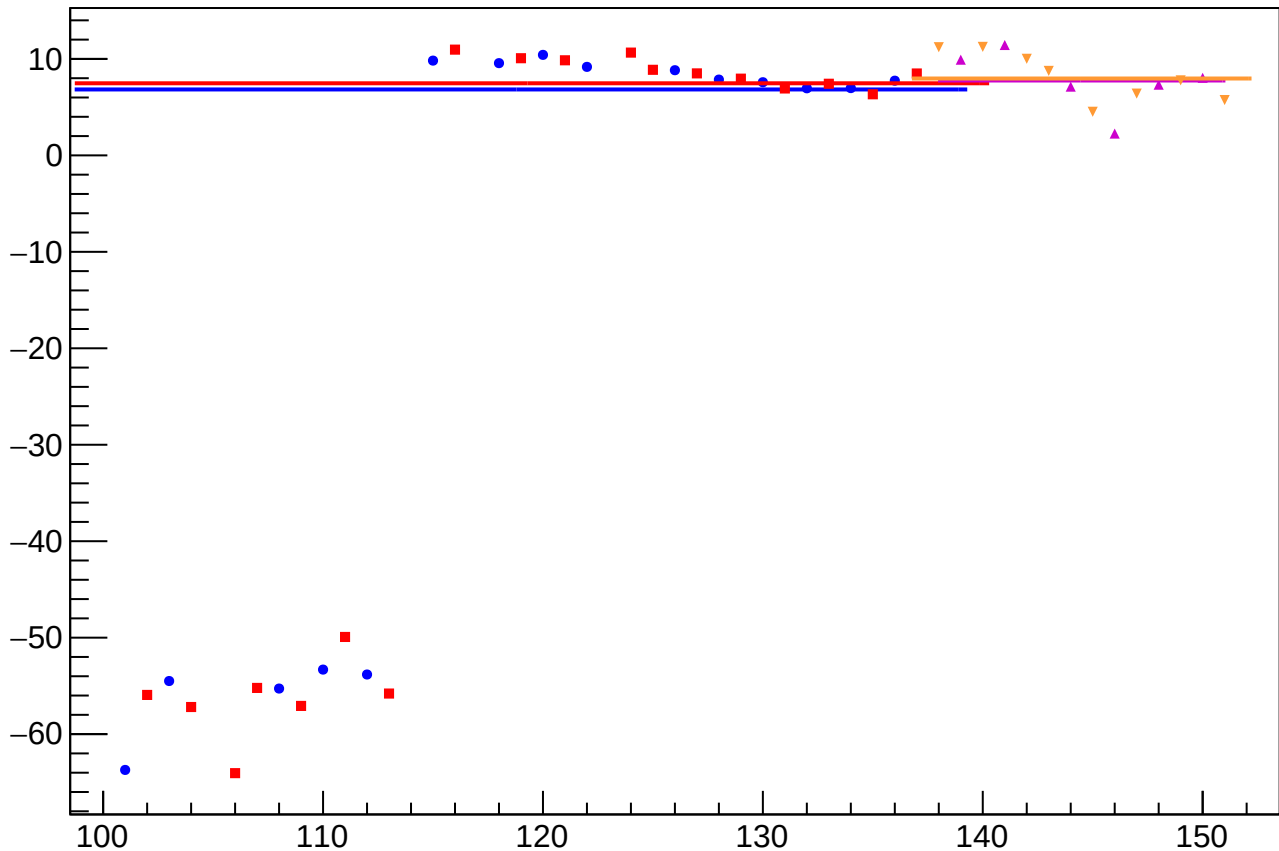
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.921 $\pm$ 0.002 χ^2 /NDF: 325045.1/20

Out: -51.571 $\pm$ 0.003 χ^2 /NDF: 314924.4/25

All: -51.177 $\pm$ 0.002 χ^2 /NDF: 672850.7/46

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: 7.763 ± 0.008 $\chi^2/\text{NDF}: 74482.3/5$

Left: 7.861 ± 0.006 $\chi^2/\text{NDF}: 141738.1/13$

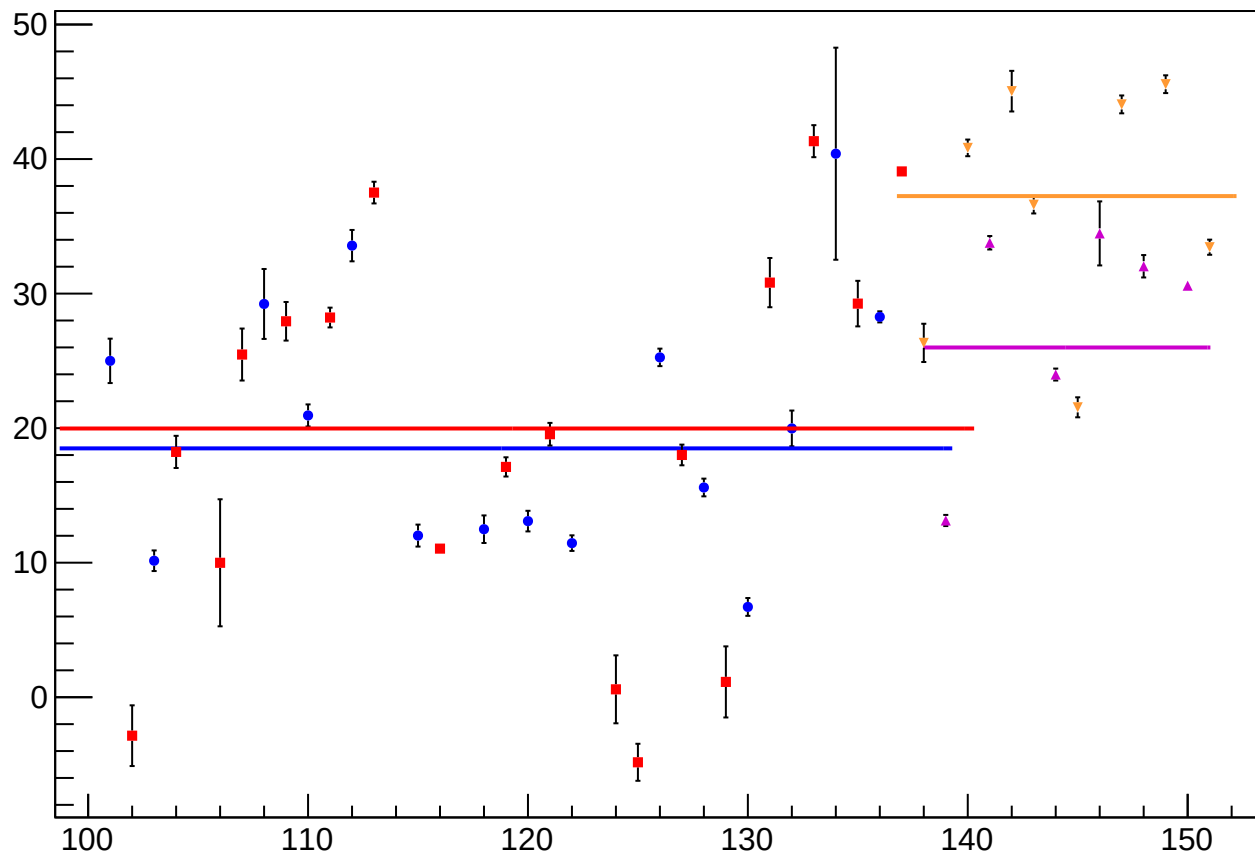
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.098 ± 0.004 $\chi^2/\text{NDF}: 1074645.4/20$

Out: 7.746 ± 0.006 $\chi^2/\text{NDF}: 1263999.7/25$

All: 7.305 ± 0.004 $\chi^2/\text{NDF}: 2345960.1/46$

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: 25.994 ± 0.196 $\chi^2/\text{NDF}: 1492.1/5$

Left: 30.180 ± 0.155 $\chi^2/\text{NDF}: 3593.6/13$

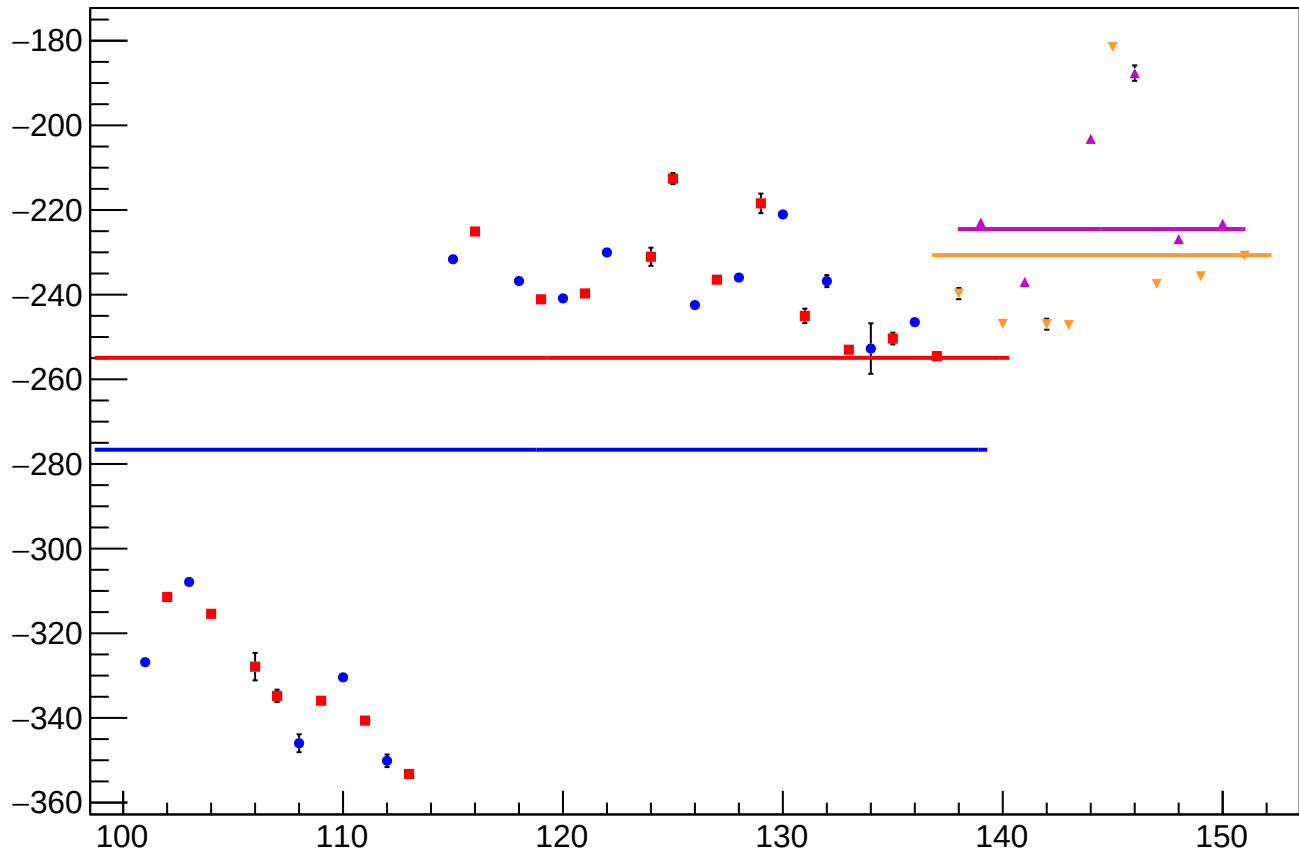
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.323 ± 0.140 $\chi^2/\text{NDF}: 3845.8/20$

Out: 23.554 ± 0.116 $\chi^2/\text{NDF}: 13725.0/25$

All: 23.053 ± 0.089 $\chi^2/\text{NDF}: 17616.7/46$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -230.663 ± 0.206 $\chi^2/\text{NDF}: 10615.3/7$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -224.496 ± 0.170 $\chi^2/\text{NDF}: 2167.8/5$

Left: -227.000 ± 0.131 $\chi^2/\text{NDF}: 13315.0/13$

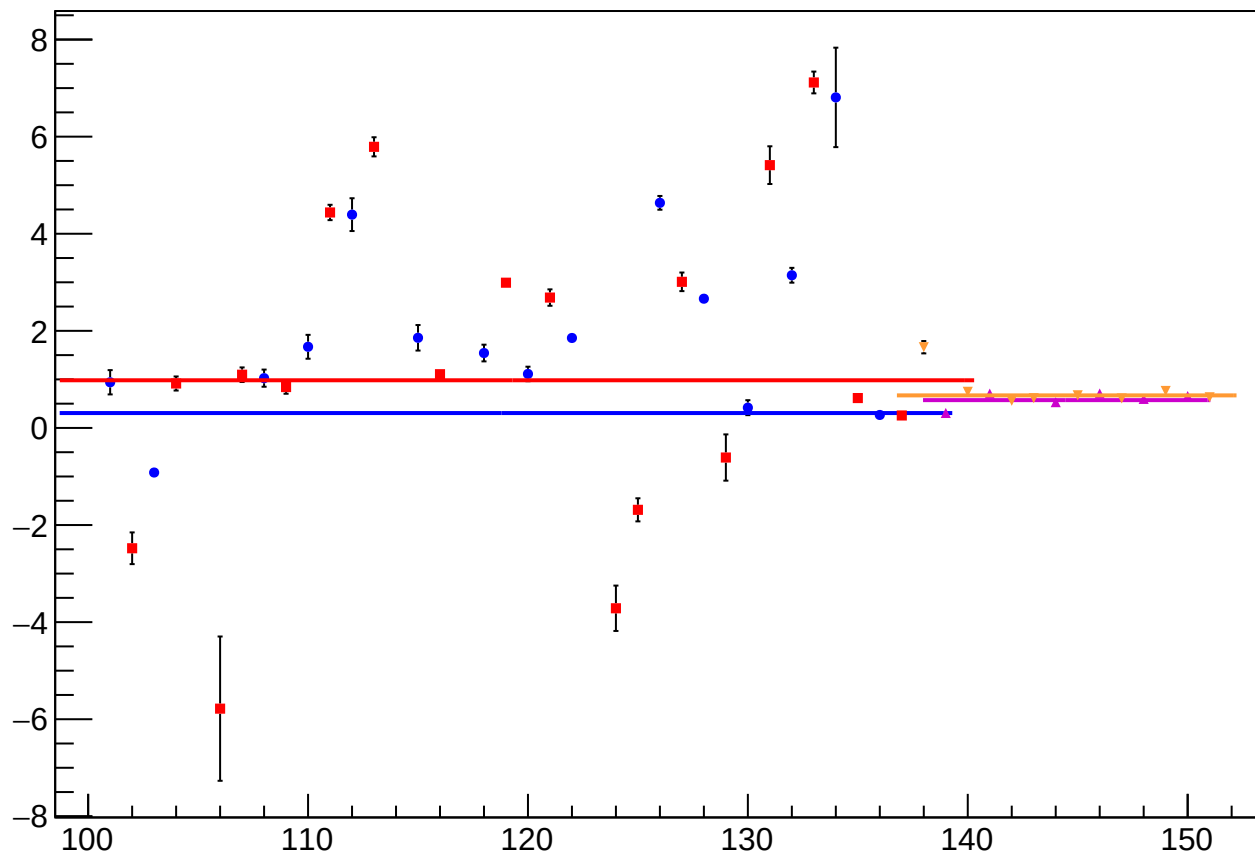
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -254.291 ± 0.112 $\chi^2/\text{NDF}: 132806.5/20$

Out: -252.332 ± 0.067 $\chi^2/\text{NDF}: 94938.3/25$

All: -252.855 ± 0.058 $\chi^2/\text{NDF}: 227970.7/46$

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: 0.573 ± 0.004 $\chi^2/\text{NDF}: 1781.3/5$

Left: 0.622 ± 0.002 $\chi^2/\text{NDF}: 2633.5/13$

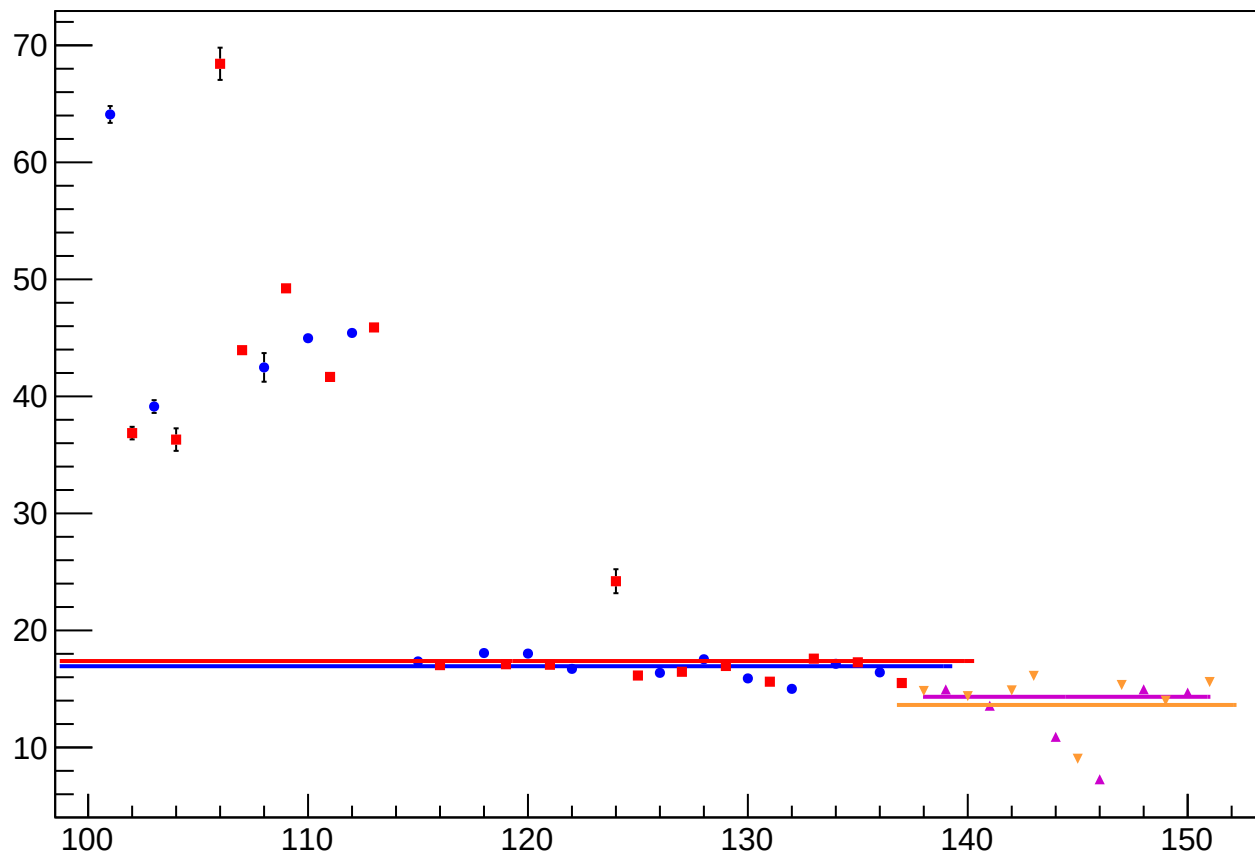
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.514 ± 0.003 $\chi^2/\text{NDF}: 5819.1/20$

Out: 0.687 ± 0.003 $\chi^2/\text{NDF}: 4266.8/25$

All: 0.593 ± 0.002 $\chi^2/\text{NDF}: 11495.7/46$

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: 14.328 ± 0.018 $\chi^2/\text{NDF}: 5160.4/5$

Left: 13.863 ± 0.011 $\chi^2/\text{NDF}: 49760.6/13$

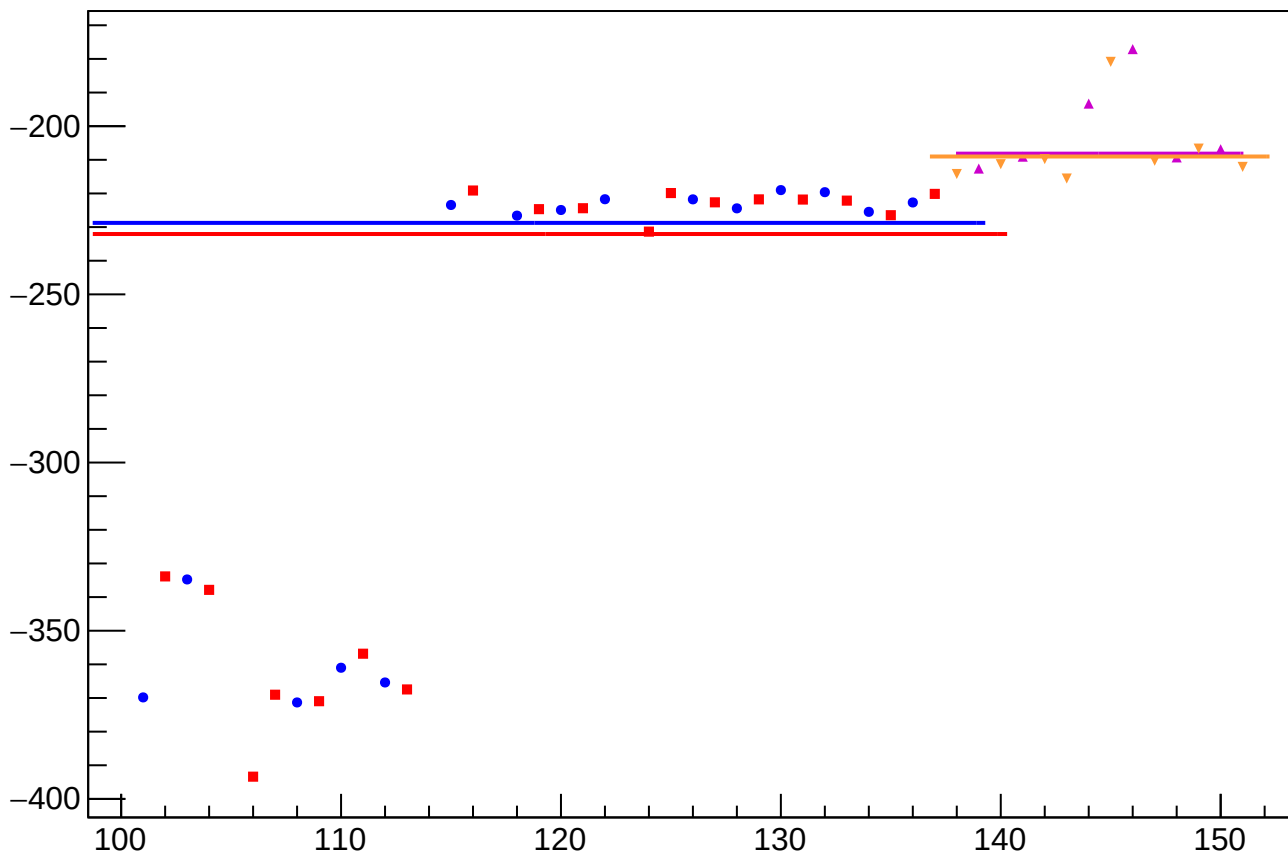
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.084 ± 0.011 $\chi^2/\text{NDF}: 47698.0/20$

Out: 14.957 ± 0.010 $\chi^2/\text{NDF}: 134237.8/25$

All: 15.515 ± 0.007 $\chi^2/\text{NDF}: 187697.1/46$

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: -208.166 ± 0.028 $\chi^2/\text{NDF}: 10778.7/5$

Left: -208.664 ± 0.018 $\chi^2/\text{NDF}: 83270.3/13$

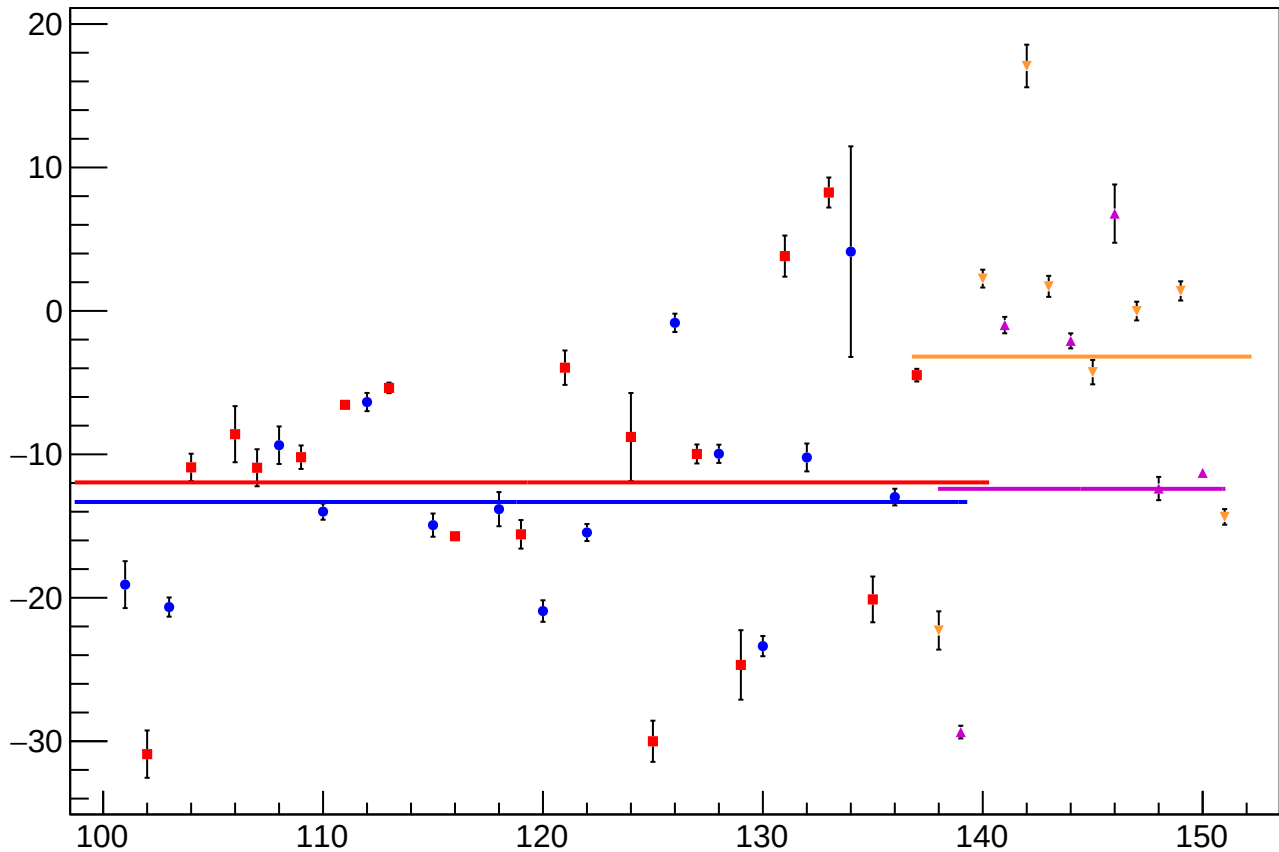
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -216.357 ± 0.022 $\chi^2/\text{NDF}: 880373.9/20$

Out: -214.715 ± 0.021 $\chi^2/\text{NDF}: 1097772.5/25$

All: -215.484 ± 0.015 $\chi^2/\text{NDF}: 1981140.2/46$

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: -12.405 ± 0.215 $\chi^2/\text{NDF}: 2345.7/5$

Left: -8.666 ± 0.165 $\chi^2/\text{NDF}: 4101.1/13$

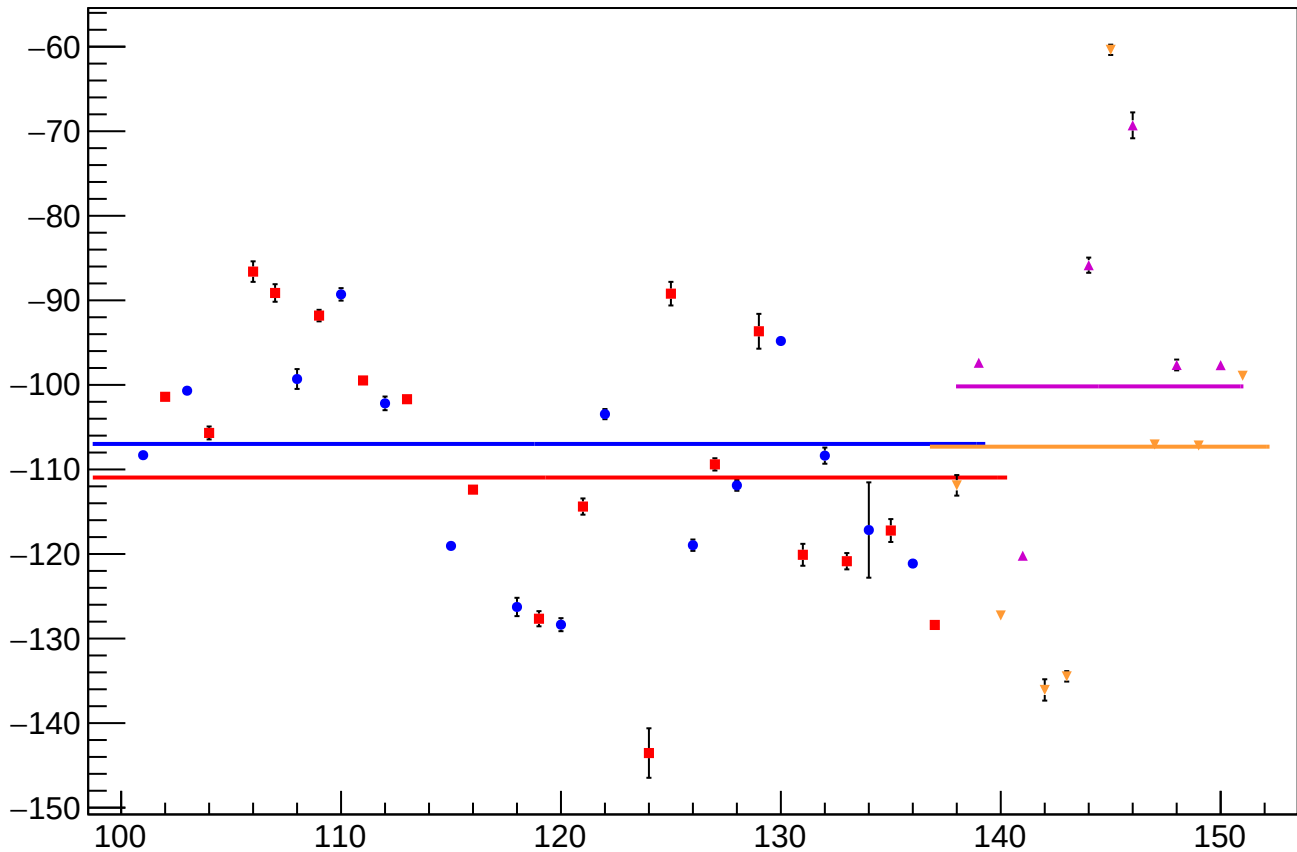
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -12.910 ± 0.144 $\chi^2/\text{NDF}: 3368.8/20$

Out: -10.570 ± 0.103 $\chi^2/\text{NDF}: 4453.5/25$

All: -11.366 ± 0.084 $\chi^2/\text{NDF}: 7997.0/46$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -107.307 ± 0.206 $\chi^2/\text{NDF}: 10499.8/7$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -100.177 ± 0.180 $\chi^2/\text{NDF}: 2727.5/5$

Left: -103.256 ± 0.135 $\chi^2/\text{NDF}: 13907.2/13$

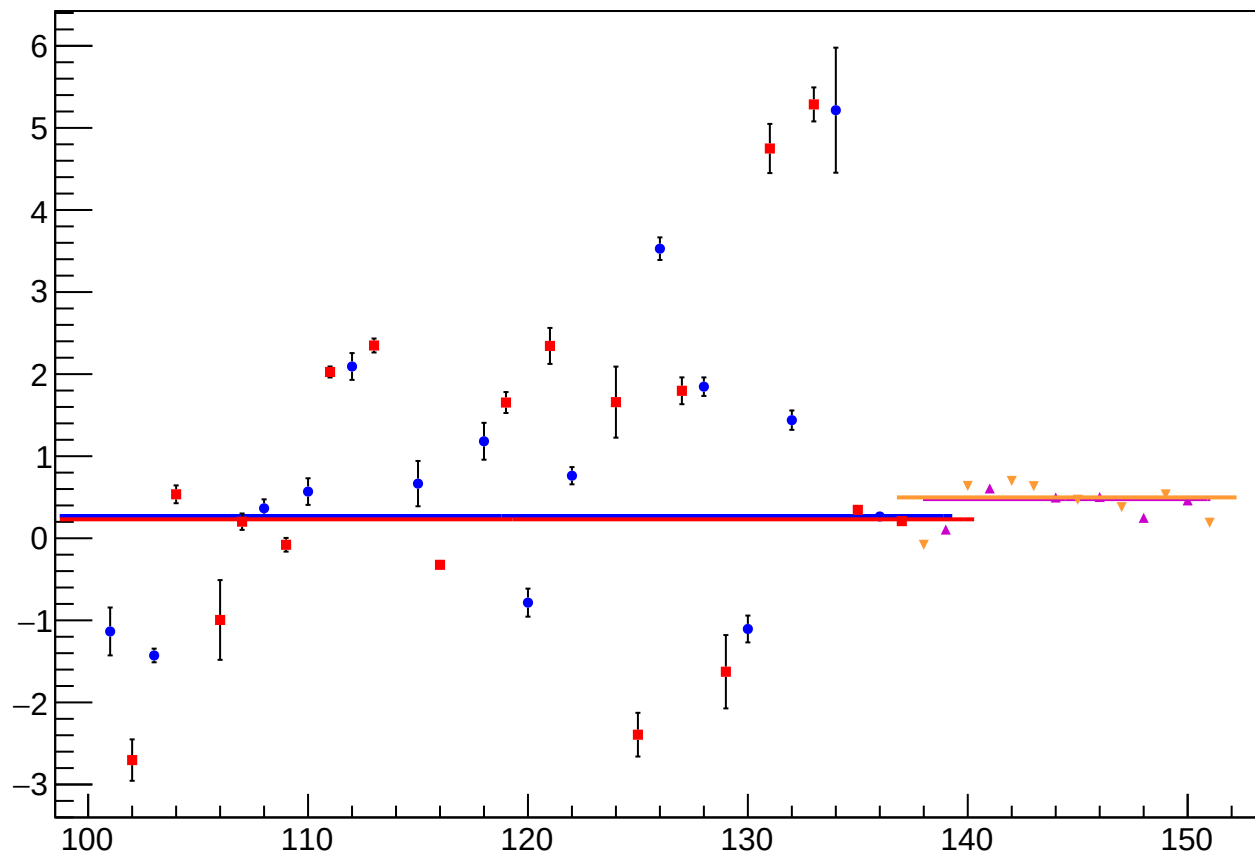
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -105.127 ± 0.094 $\chi^2/\text{NDF}: 8428.9/20$

Out: -110.751 ± 0.049 $\chi^2/\text{NDF}: 21470.4/25$

All: -109.555 ± 0.043 $\chi^2/\text{NDF}: 32727.3/46$

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: 0.477+/-0.003 χ^2/NDF : 2566.0/5

Left: 0.486+/-0.003 χ^2/NDF : 4459.4/13

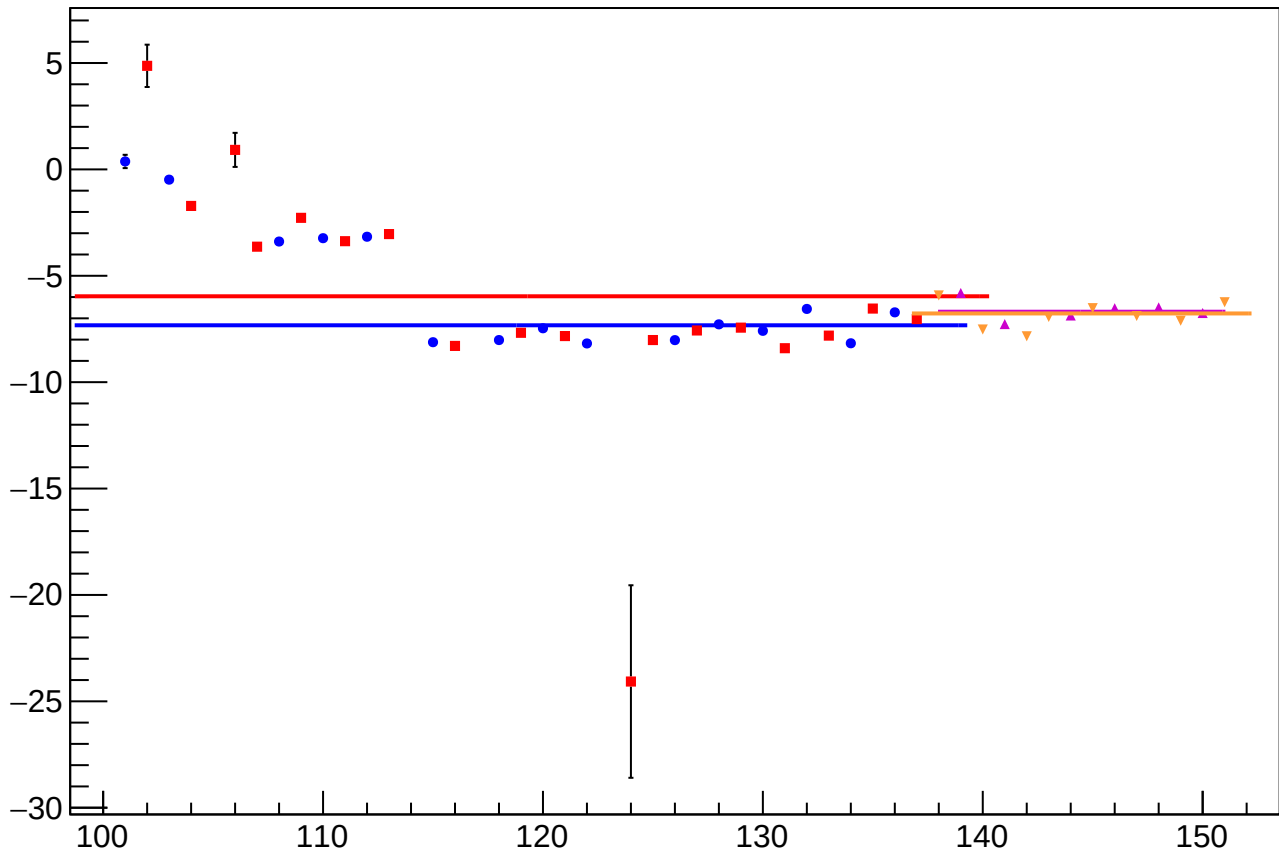
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.420+/-0.003 χ^2/NDF : 5262.4/20

Out: 0.375+/-0.003 χ^2/NDF : 6761.6/25

All: 0.399+/-0.002 χ^2/NDF : 12144.2/46

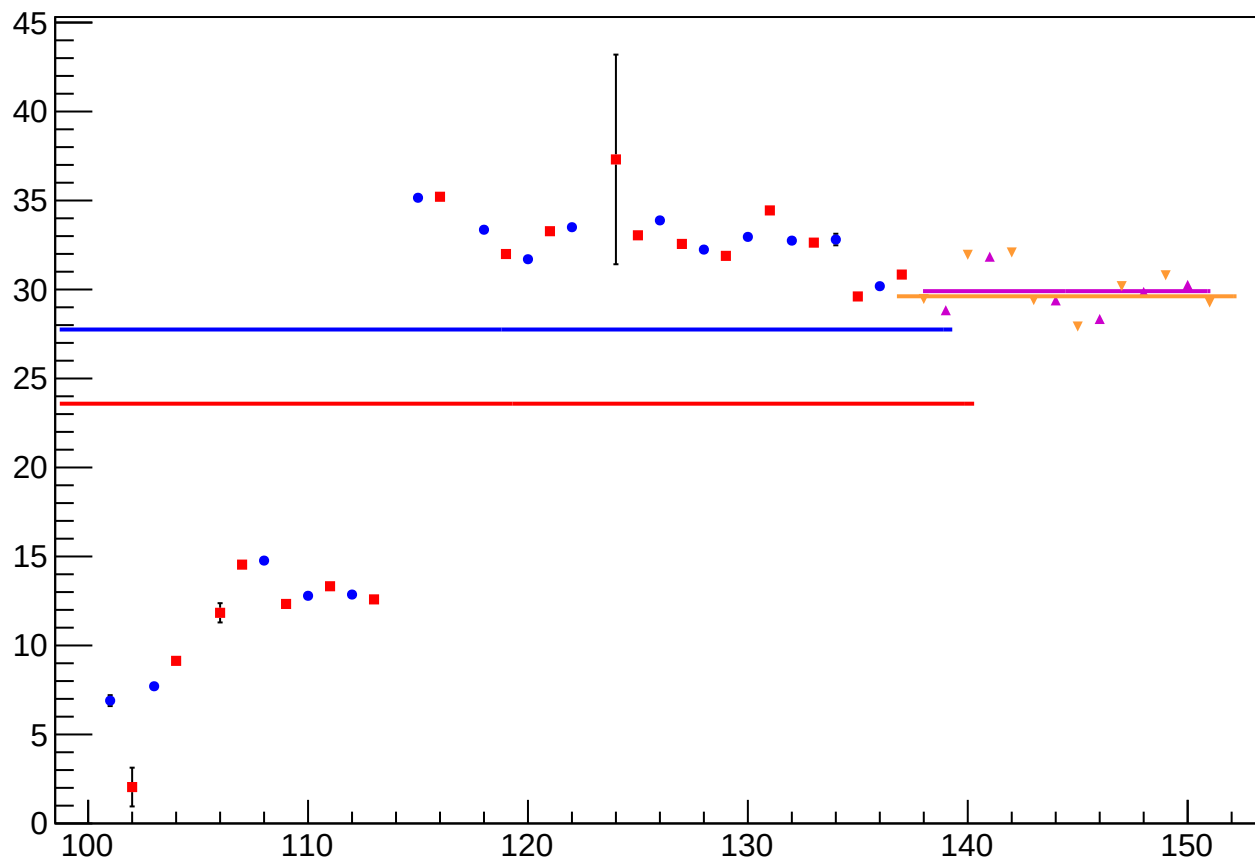
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.771 ± 0.009 $\chi^2/\text{NDF}: 2132.8/7$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.689 ± 0.008 $\chi^2/\text{NDF}: 2754.9/5$

Left: -6.724 ± 0.006 $\chi^2/\text{NDF}: 4932.4/13$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.994 ± 0.006 $\chi^2/\text{NDF}: 36266.1/20$
 Out: -6.348 ± 0.006 $\chi^2/\text{NDF}: 77970.0/25$
 All: -6.701 ± 0.004 $\chi^2/\text{NDF}: 119881.2/46$

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: 29.908 $\pm$ 0.017 χ^2/NDF : 1836.5/5

Left: 29.759 $\pm$ 0.012 χ^2/NDF : 8674.8/13

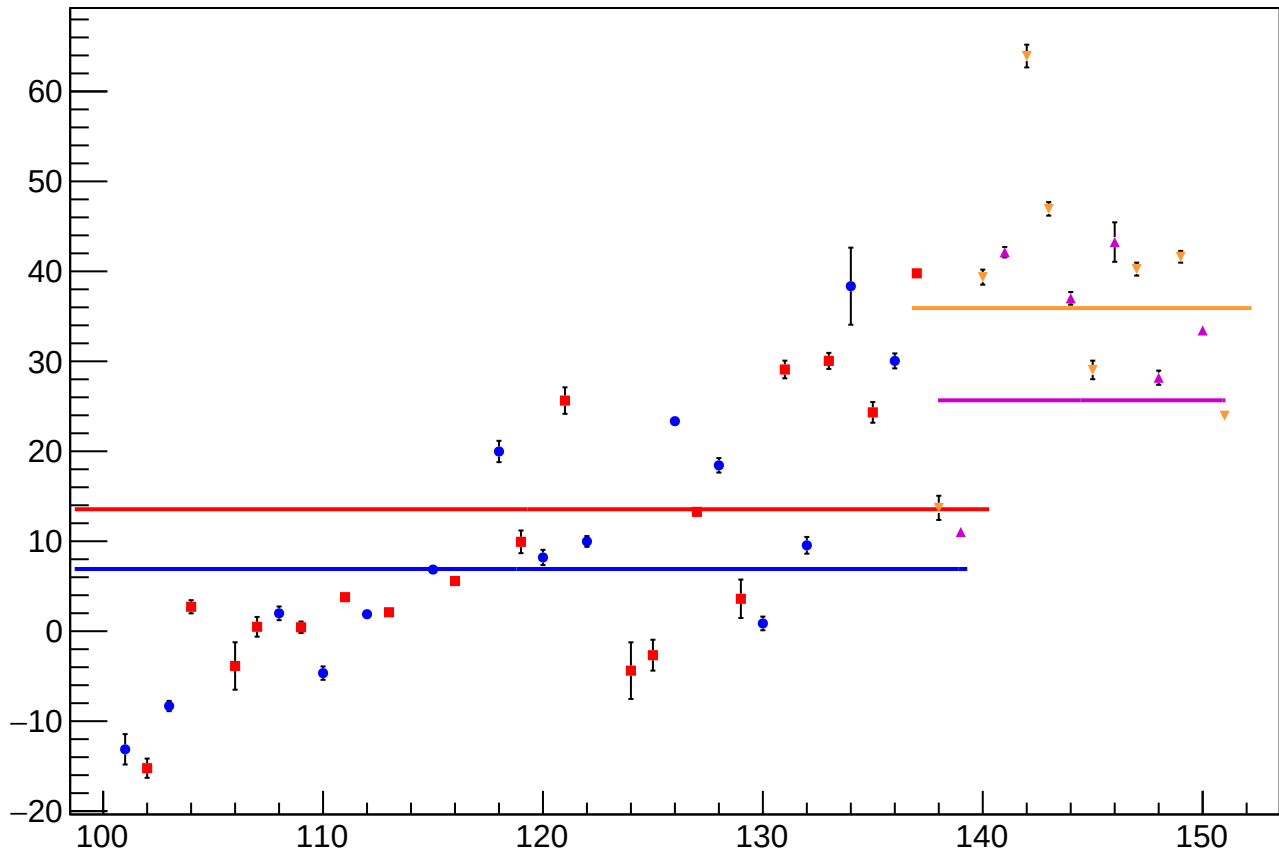
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.717 $\pm$ 0.011 χ^2/NDF : 343962.8/20

Out: 26.099 $\pm$ 0.010 χ^2/NDF : 626963.8/25

All: 27.323 $\pm$ 0.008 χ^2/NDF : 1000142.3/46

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: 25.665 ± 0.203 $\chi^2/\text{NDF}: 3682.6/5$

Left: 29.294 ± 0.163 $\chi^2/\text{NDF}: 6278.9/13$

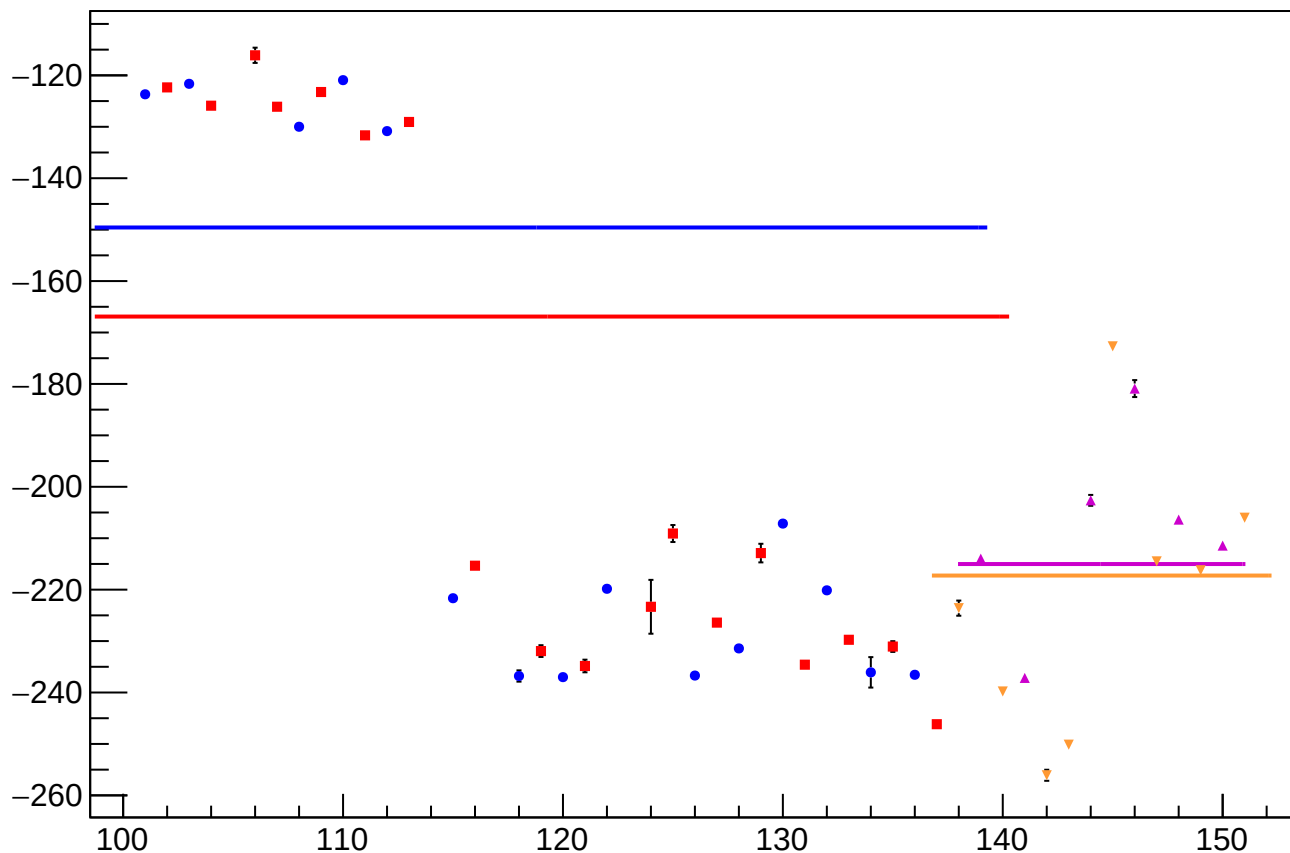
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 15.005 ± 0.133 $\chi^2/\text{NDF}: 12051.0/20$

Out: 18.458 ± 0.128 $\chi^2/\text{NDF}: 18555.4/25$

All: 16.796 ± 0.092 $\chi^2/\text{NDF}: 30955.5/46$

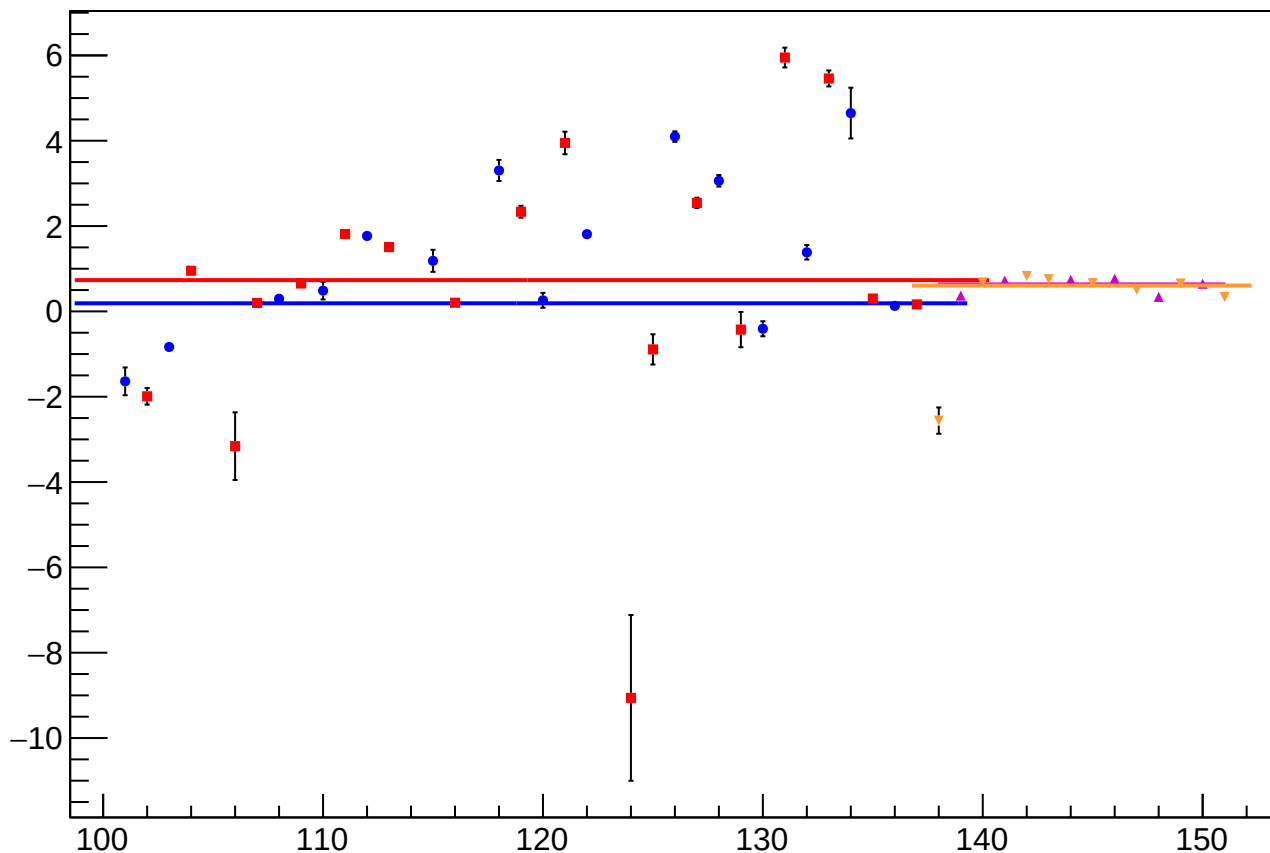
dit_sam4_4eX_slope vs Slug, Sign Corrected



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: -215.020 ± 0.170 χ^2/NDF : 3324.9/5

Left: -215.840 ± 0.135 χ^2/NDF : 13047.9/13
 Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32
 In: -166.634 ± 0.087 χ^2/NDF : 308092.9/20
 Out: -175.386 ± 0.092 χ^2/NDF : 347392.5/25
 All: -170.766 ± 0.063 χ^2/NDF : 660292.7/46

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.606 $\pm$ 0.005 χ^2 /NDF:1083.7/7

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.632 $\pm$ 0.005 χ^2 /NDF:1024.4/5

Left: 0.620 $\pm$ 0.003 χ^2 /NDF: 2123.9/13

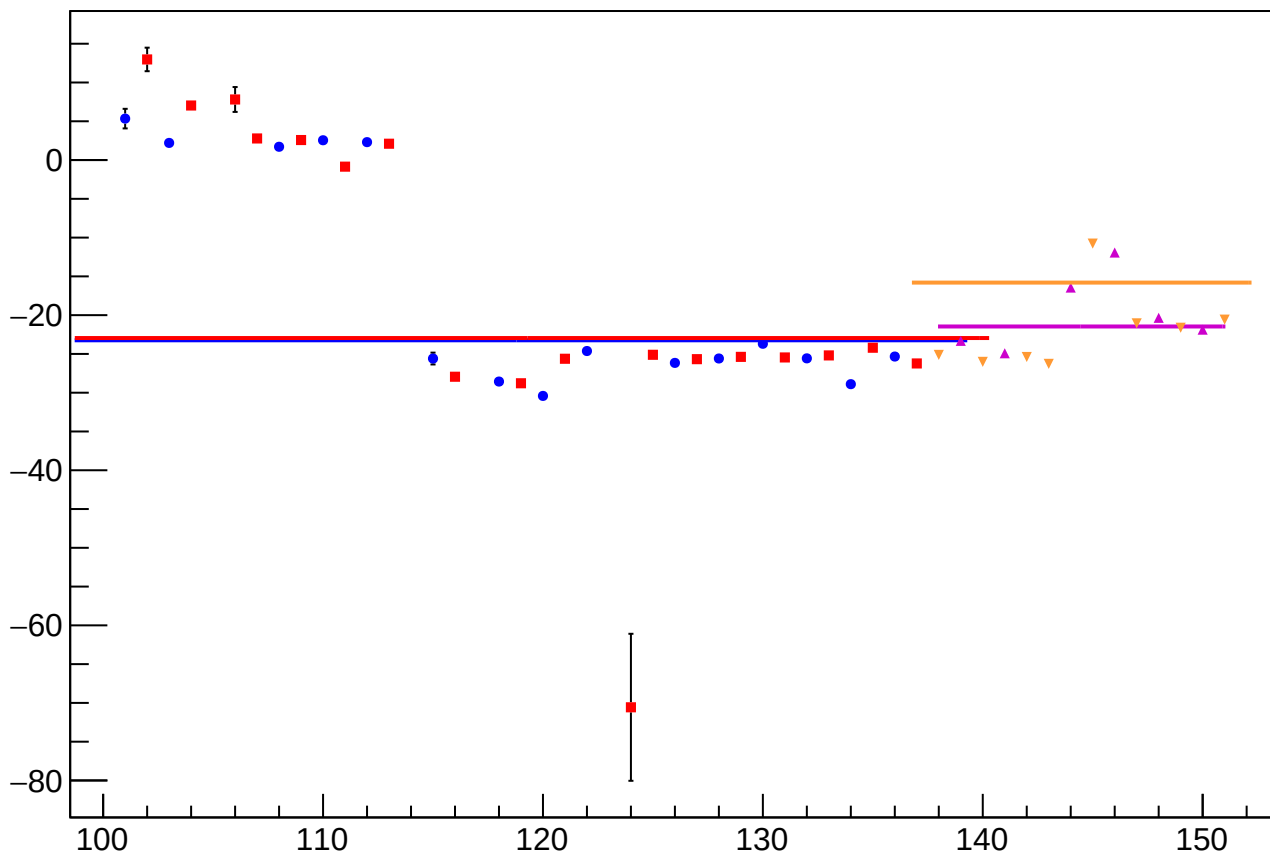
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.535 $\pm$ 0.004 χ^2 /NDF:5814.0/20

Out: 0.613 $\pm$ 0.005 χ^2 /NDF:3789.7/25

All: 0.568 $\pm$ 0.003 χ^2 /NDF: 9760.1/46

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -15.802+/-0.020 χ^2/NDF : 98747.2/7

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -21.461+/-0.033 χ^2/NDF : 7969.1/5

Left: -17.327+/-0.017 χ^2/NDF : 128215.2/13

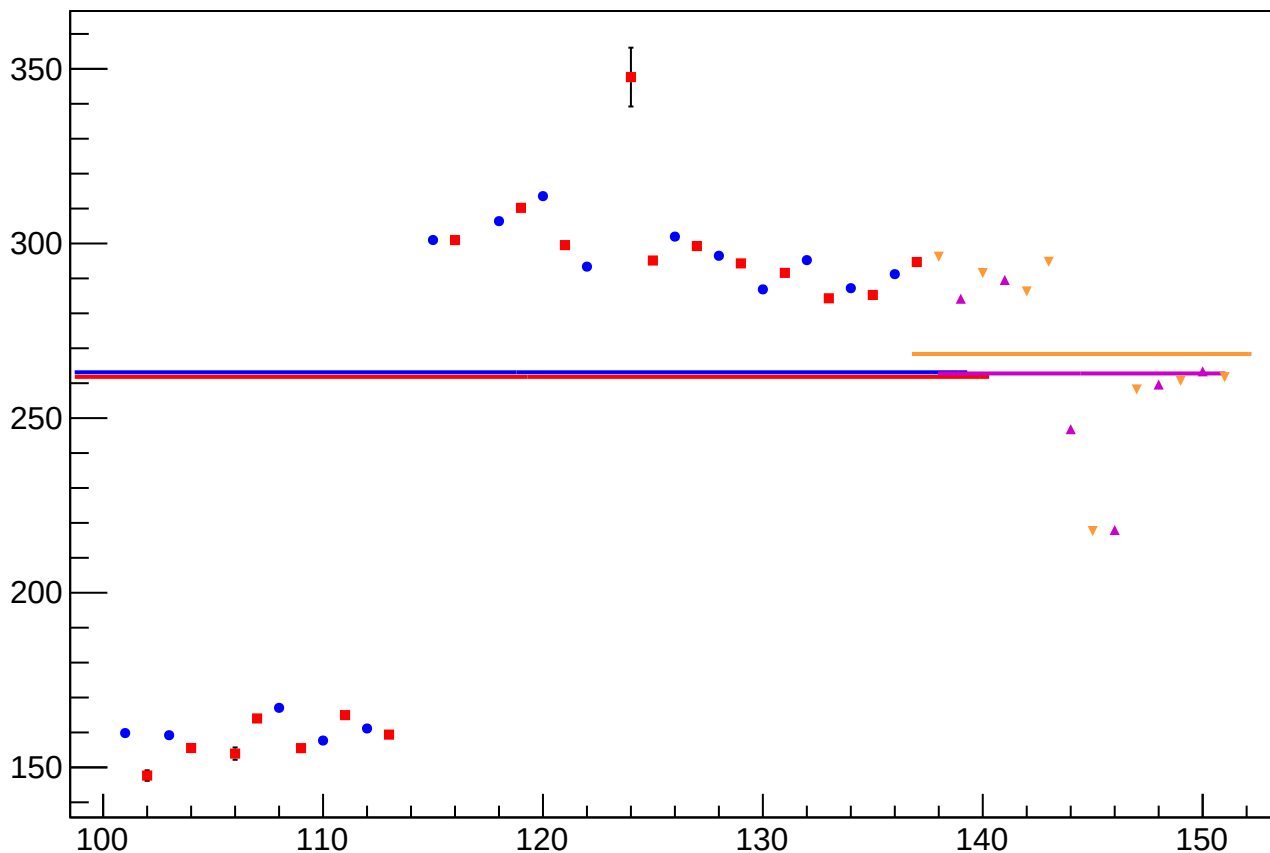
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -22.599+/-0.020 χ^2/NDF : 112934.5/20

Out: -18.640+/-0.016 χ^2/NDF : 257335.8/25

All: -20.151+/-0.012 χ^2/NDF : 394981.5/46

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 268.367 $\pm$ 0.057 χ^2 /NDF:180675.8/7

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 262.787 $\pm$ 0.057 χ^2 /NDF:34828.8/5

Left: 265.587 $\pm$ 0.041 χ^2 /NDF: 220235.3/13

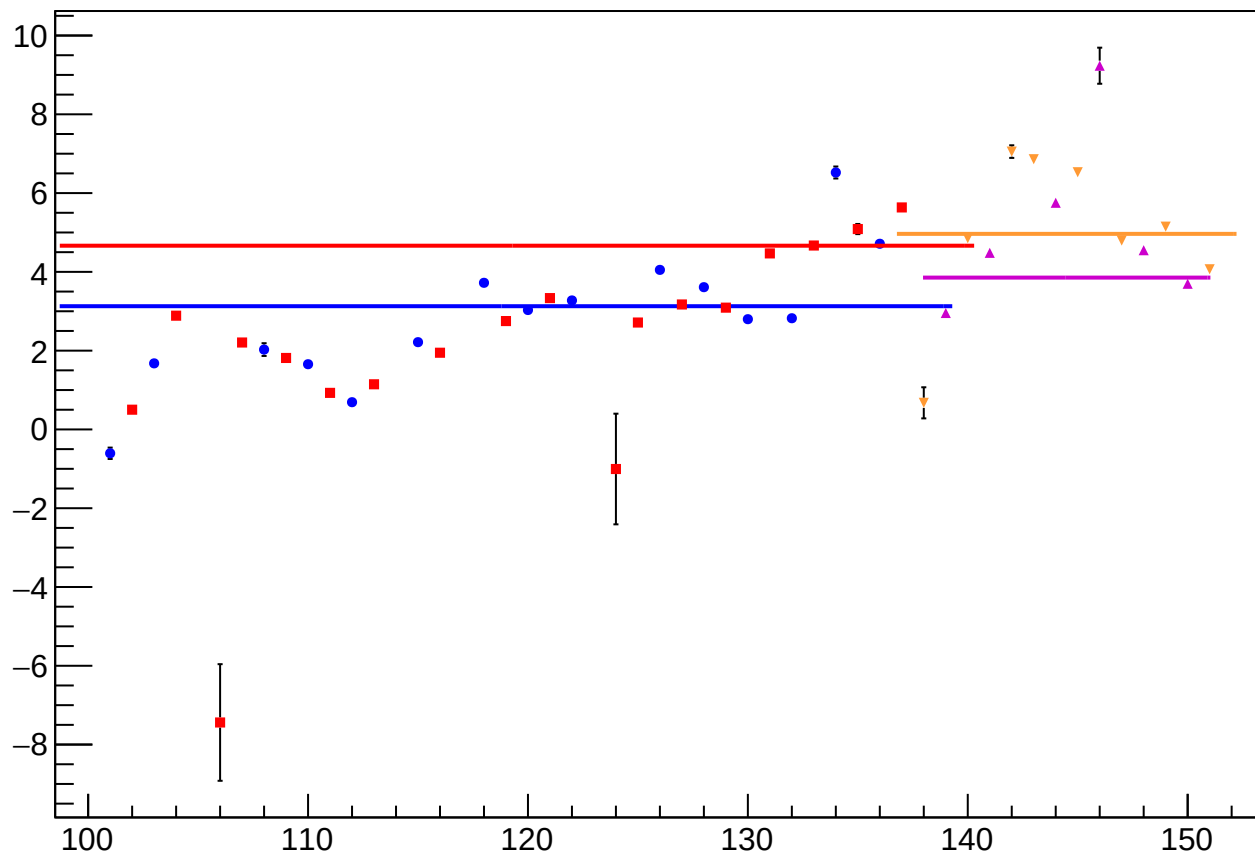
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.923 $\pm$ 0.044 χ^2 /NDF:727727.9/20

Out: 265.268 $\pm$ 0.042 χ^2 /NDF:1193060.1/25

All: 264.167 $\pm$ 0.030 χ^2 /NDF: 1922281.5/46

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.965 $\pm$ 0.020 χ^2 /NDF:1366.9/7

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 3.855 $\pm$ 0.020 χ^2 /NDF:1570.0/5

Left: 4.426 $\pm$ 0.014 χ^2 /NDF: 4472.1/13

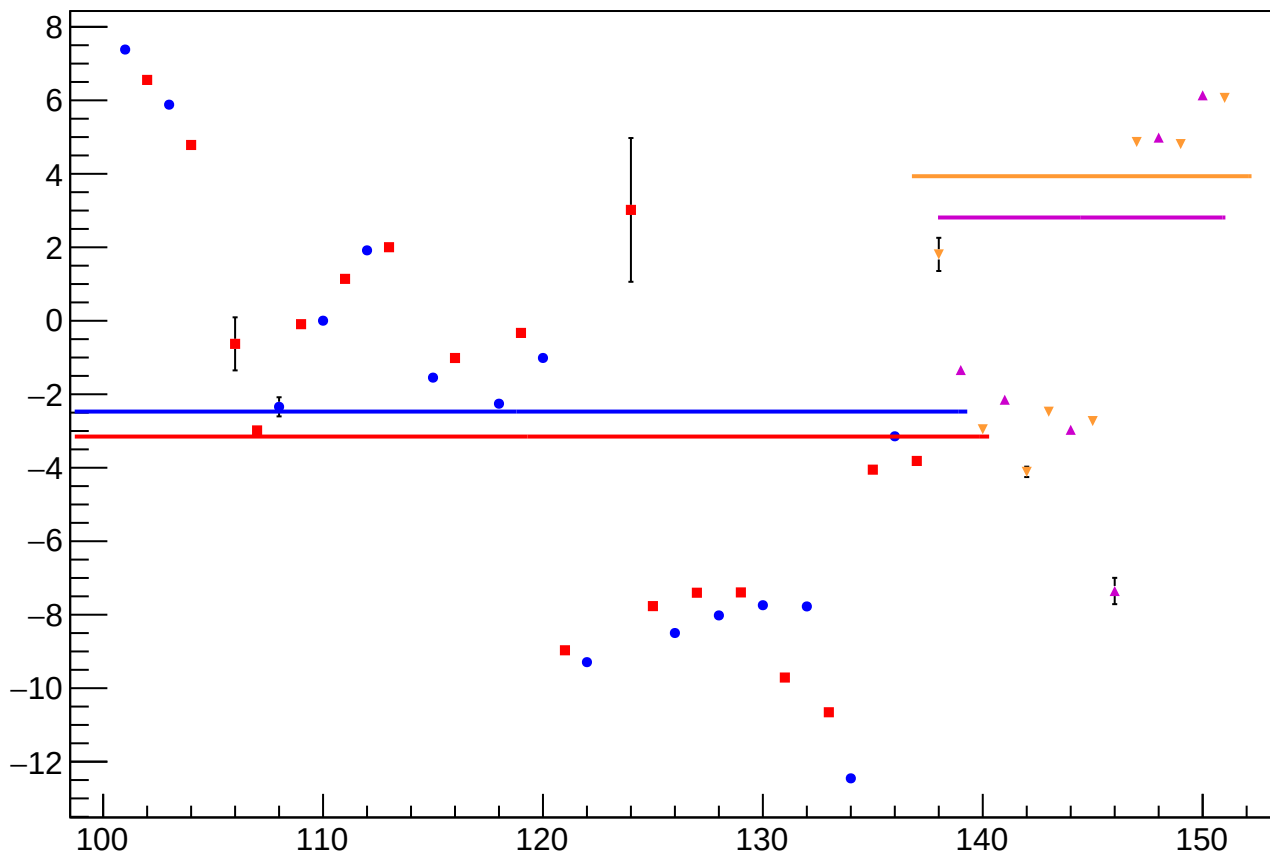
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.401 $\pm$ 0.012 χ^2 /NDF:8034.5/20

Out: 4.693 $\pm$ 0.006 χ^2 /NDF:68439.4/25

All: 4.446 $\pm$ 0.005 χ^2 /NDF: 85179.1/46

dit_sam5_4eX_slope vs Slug, Sign Corrected



Left: 3.427 ± 0.012 $\chi^2/\text{NDF}: 82262.7/13$

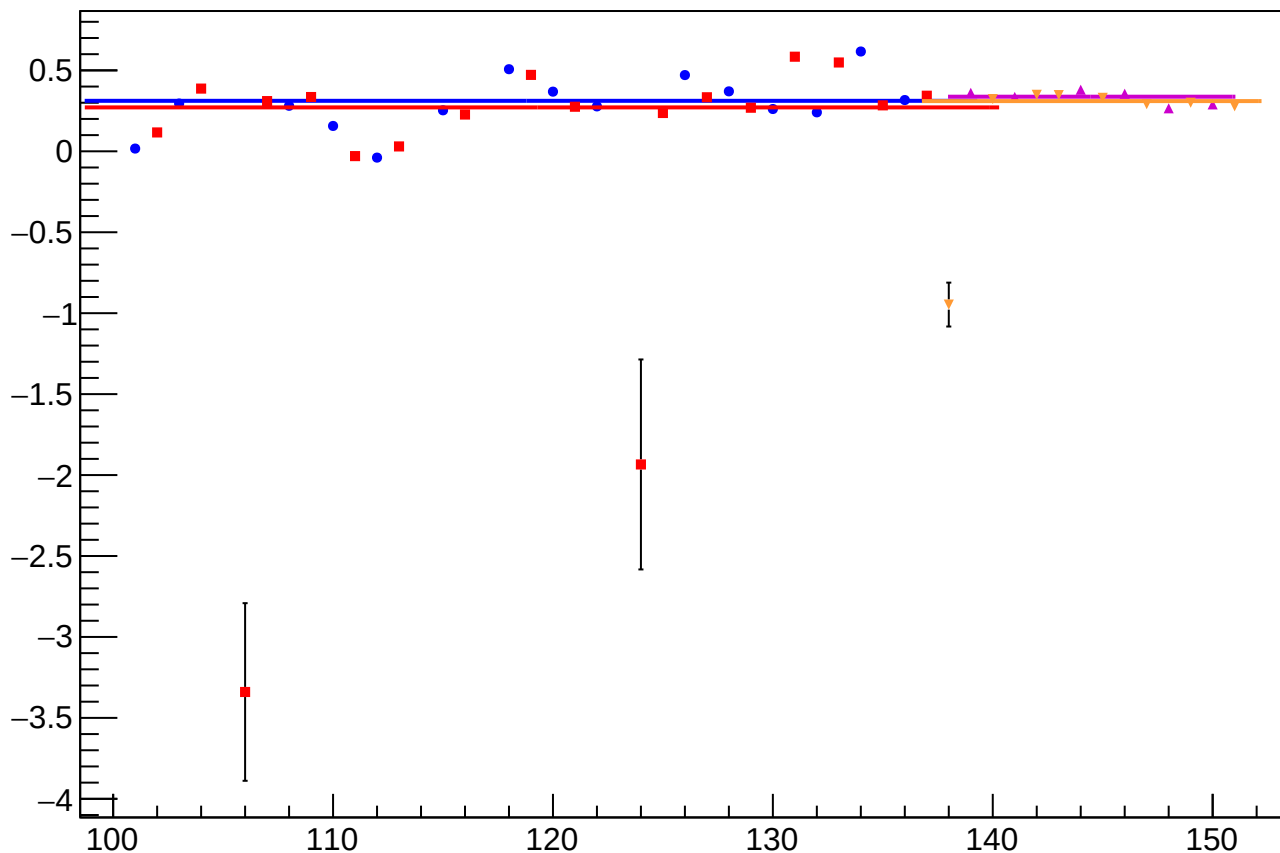
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.459 ± 0.011 $\chi^2/\text{NDF}: 343963.5/20$

Out: -1.933 ± 0.007 $\chi^2/\text{NDF}: 435734.6/25$

All: -1.534 ± 0.006 $\chi^2/\text{NDF}: 792569.2/46$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.310 $\pm$ 0.001 χ^2 /NDF: 746.0/7

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.337 $\pm$ 0.001 χ^2 /NDF: 1861.4/5

Left: 0.322 $\pm$ 0.001 χ^2 /NDF: 2938.8/13

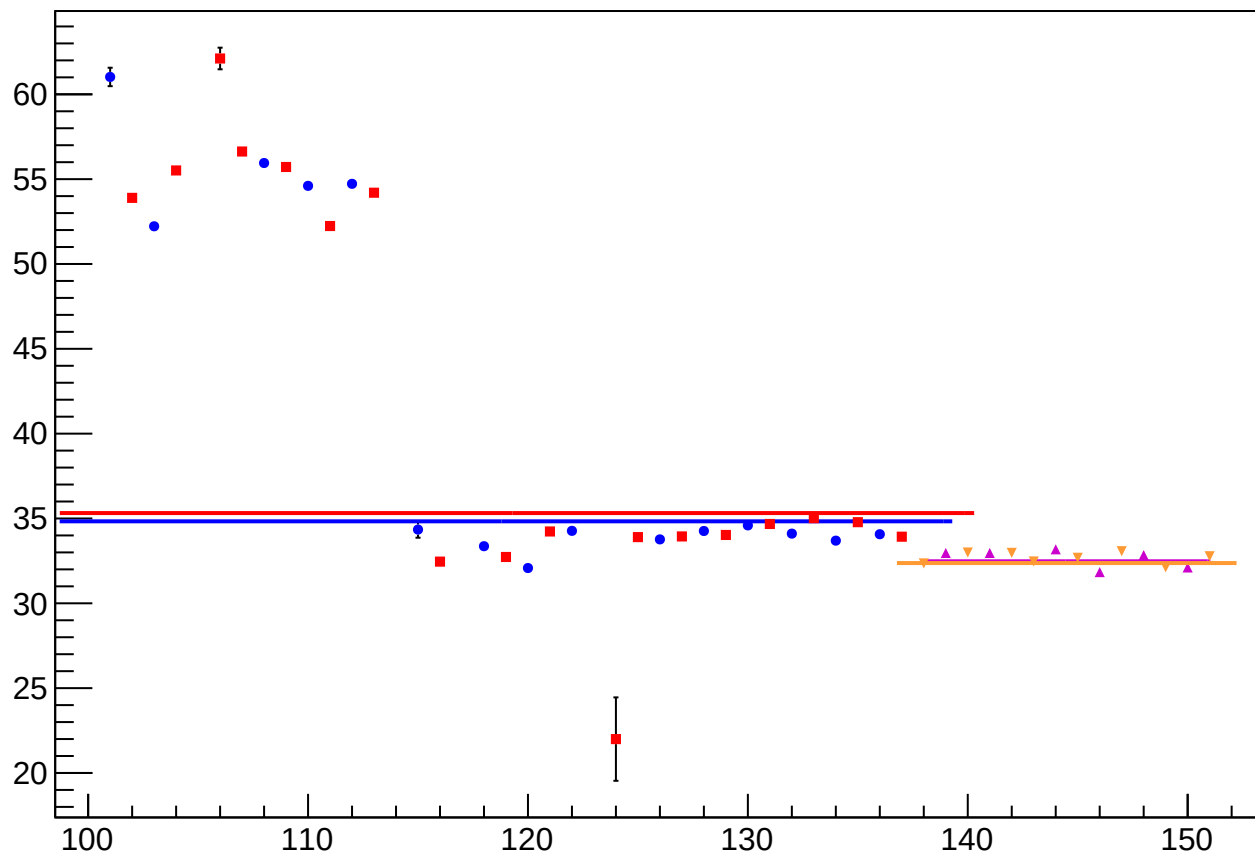
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.326 $\pm$ 0.001 χ^2 /NDF: 3406.2/20

Out: 0.303 $\pm$ 0.001 χ^2 /NDF: 7169.9/25

All: 0.316 $\pm$ 0.001 χ^2 /NDF: 10936.8/46

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: 32.477+/-0.010 χ^2/NDF : 2599.6/5

Left: 32.407+/-0.006 χ^2/NDF : 4858.4/13

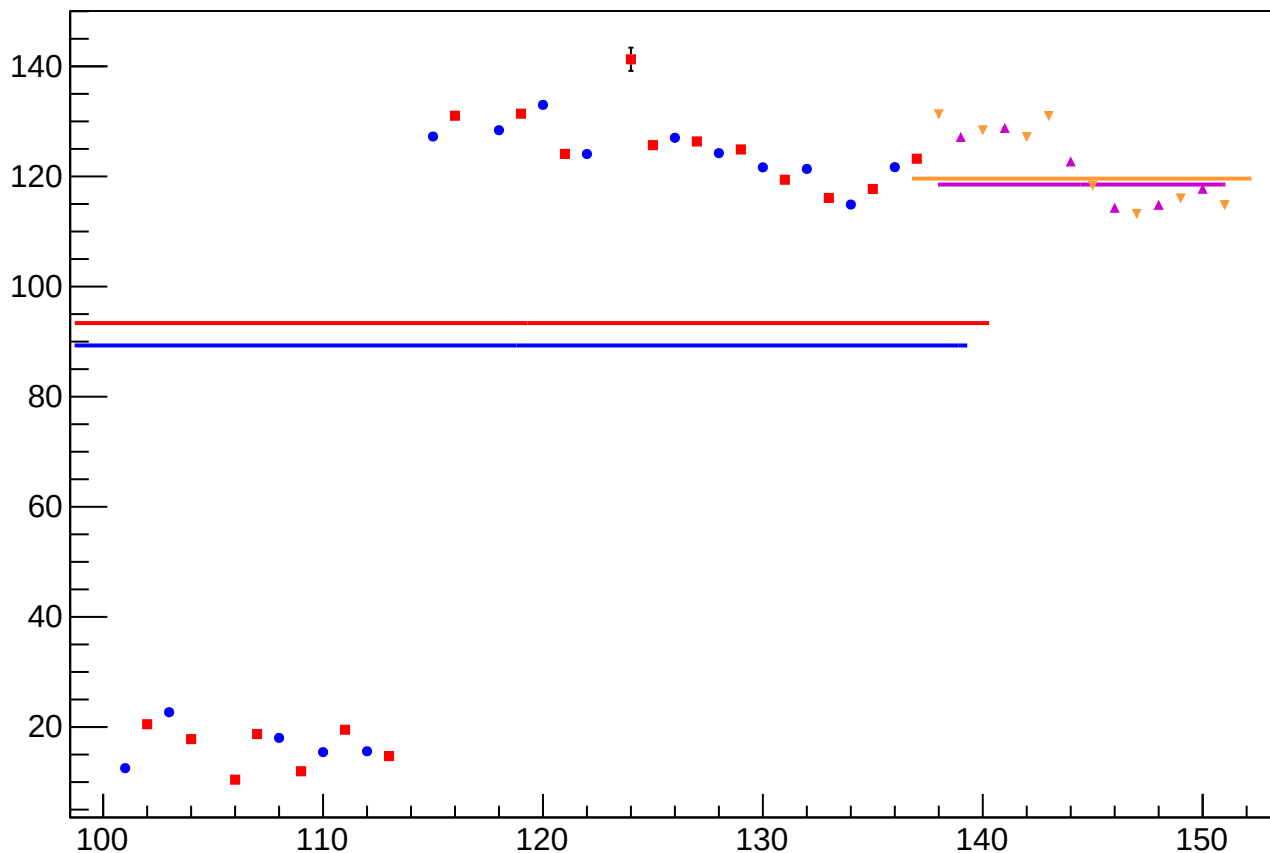
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 33.786+/-0.006 χ^2/NDF : 281301.0/20

Out: 33.307+/-0.006 χ^2/NDF : 323532.0/25

All: 33.514+/-0.004 χ^2/NDF : 607995.4/46

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: 118.533 ± 0.024 $\chi^2/\text{NDF}: 27120.6/5$

Left: 119.135 ± 0.016 $\chi^2/\text{NDF}: 123704.8/13$

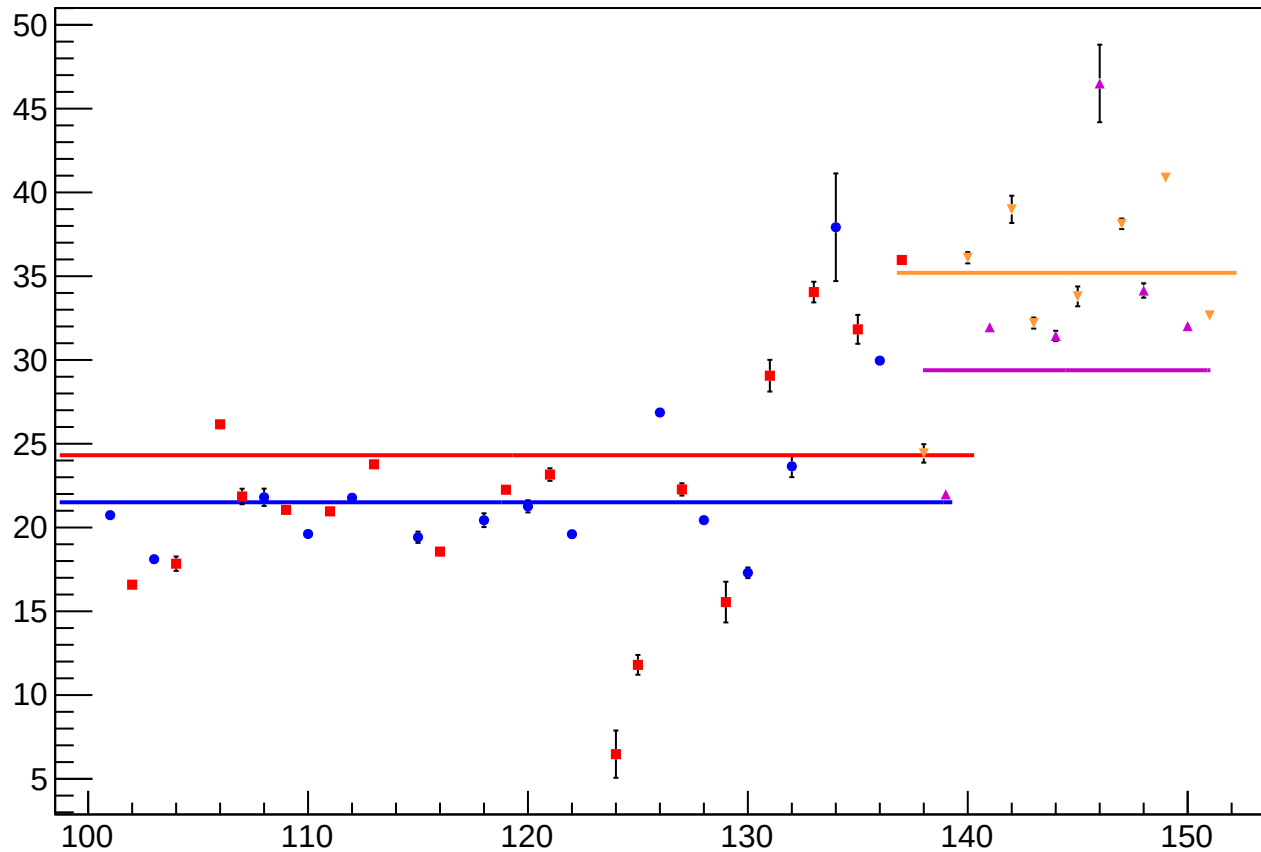
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 105.940 ± 0.018 $\chi^2/\text{NDF}: 3707639.1/20$

Out: 110.874 ± 0.017 $\chi^2/\text{NDF}: 3460358.7/25$

All: 108.510 ± 0.012 $\chi^2/\text{NDF}: 7207089.3/46$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 35.201 ± 0.126 $\chi^2/\text{NDF}: 1052.7/7$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.387 ± 0.108 $\chi^2/\text{NDF}: 1811.0/5$

Left: 31.844 ± 0.082 $\chi^2/\text{NDF}: 4090.9/13$

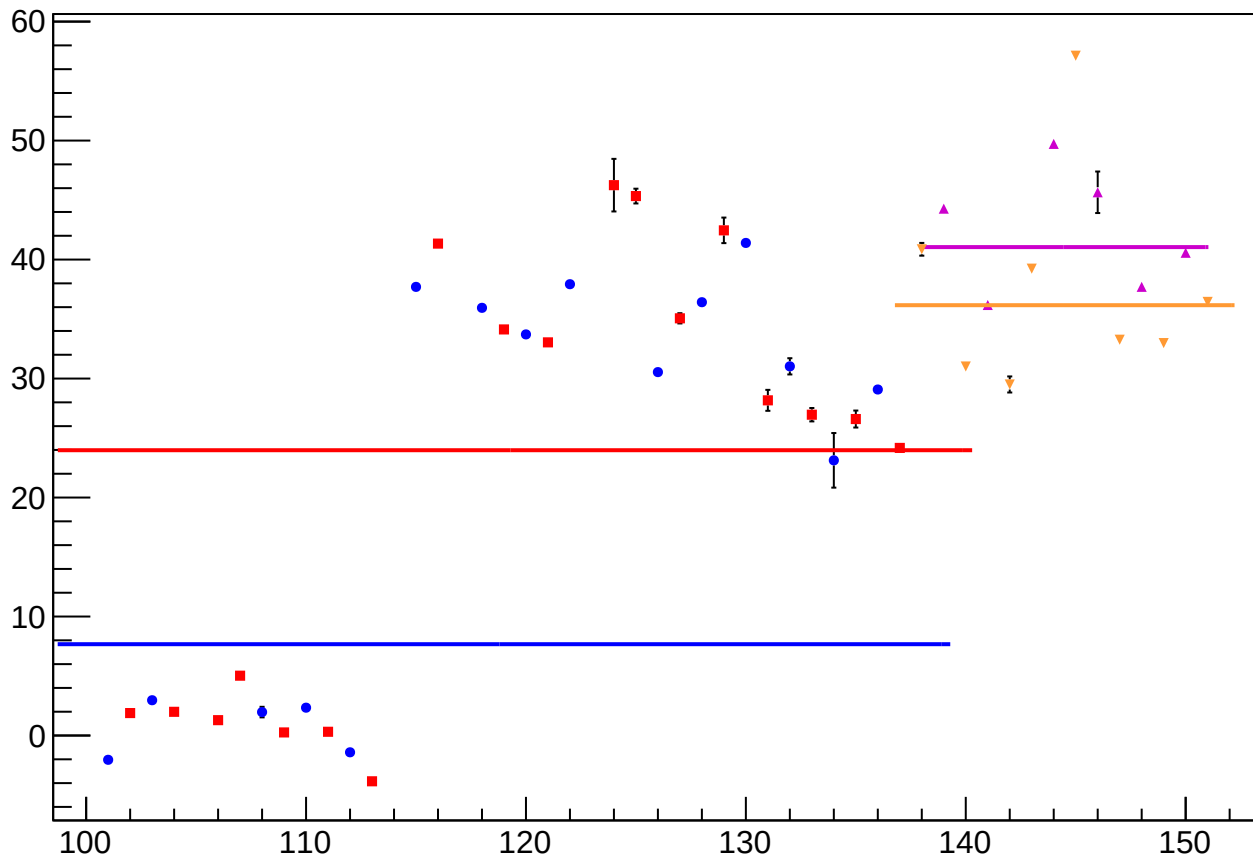
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 23.950 ± 0.060 $\chi^2/\text{NDF}: 8454.9/20$

Out: 26.240 ± 0.053 $\chi^2/\text{NDF}: 21482.2/25$

All: 25.237 ± 0.040 $\chi^2/\text{NDF}: 30753.4/46$

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: 41.048 ± 0.089 χ^2/NDF : 1540.9/5

Left: 38.998 ± 0.068 χ^2/NDF : 6192.1/13

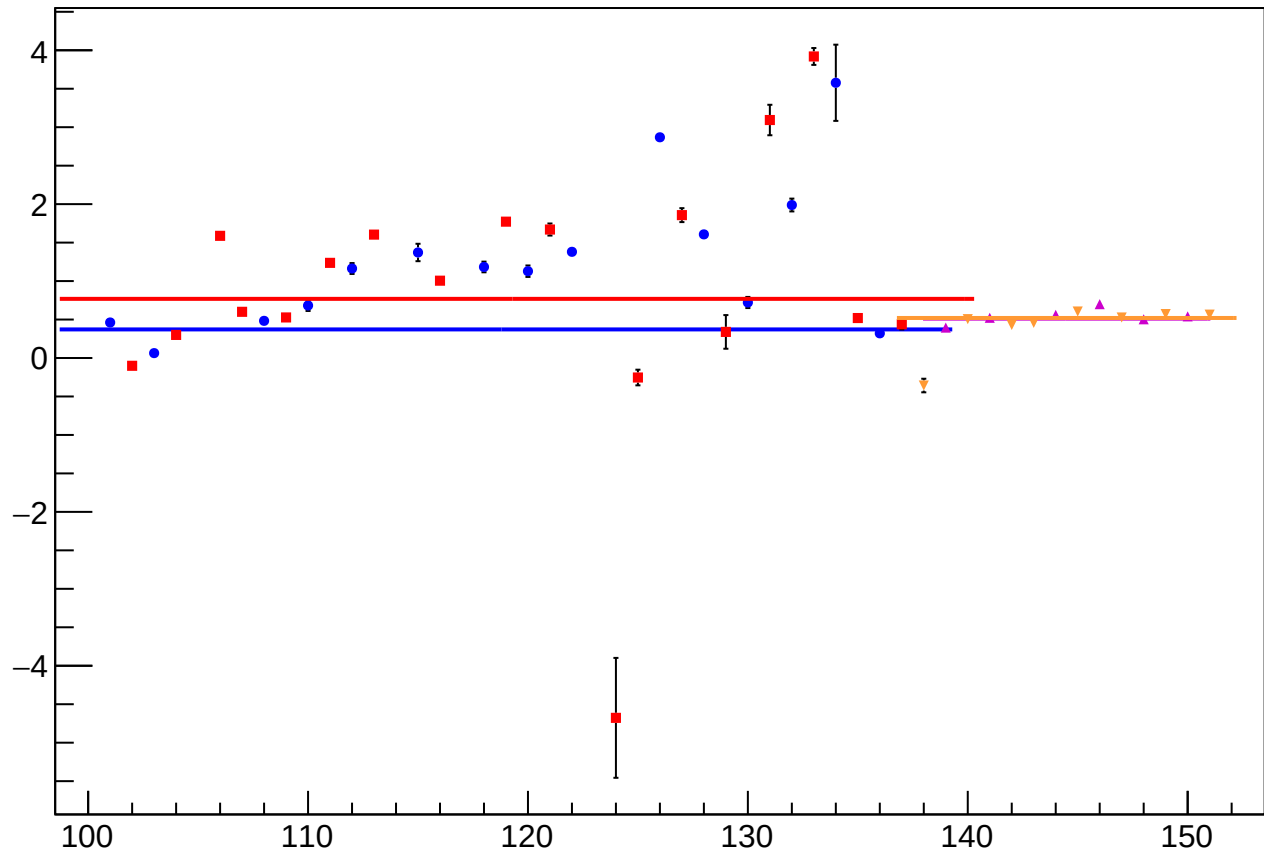
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 14.562 ± 0.040 χ^2/NDF : 210314.7/20

Out: 24.052 ± 0.008 χ^2/NDF : 127518.3/25

All: 23.678 ± 0.008 χ^2/NDF : 391102.6/46

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: 0.512 ± 0.002 $\chi^2/\text{NDF}: 740.7/5$

Left: 0.516 ± 0.001 $\chi^2/\text{NDF}: 1437.4/13$

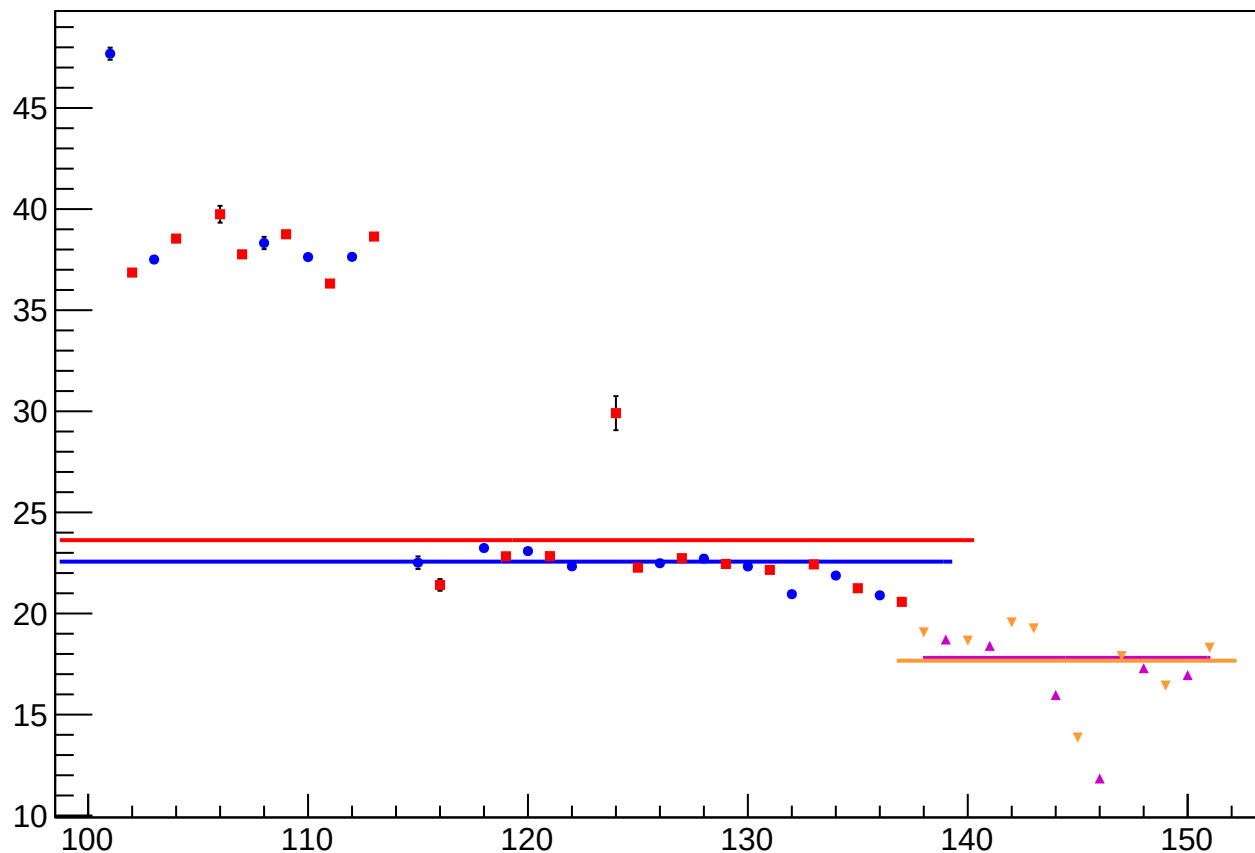
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.485 ± 0.002 $\chi^2/\text{NDF}: 6326.3/20$

Out: 0.538 ± 0.002 $\chi^2/\text{NDF}: 6018.3/25$

All: 0.512 ± 0.001 $\chi^2/\text{NDF}: 12742.0/46$

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: 17.805 $\pm$ 0.015 χ^2 /NDF: 5605.0/5

Left: 17.708 $\pm$ 0.008 χ^2 /NDF: 44546.6/13

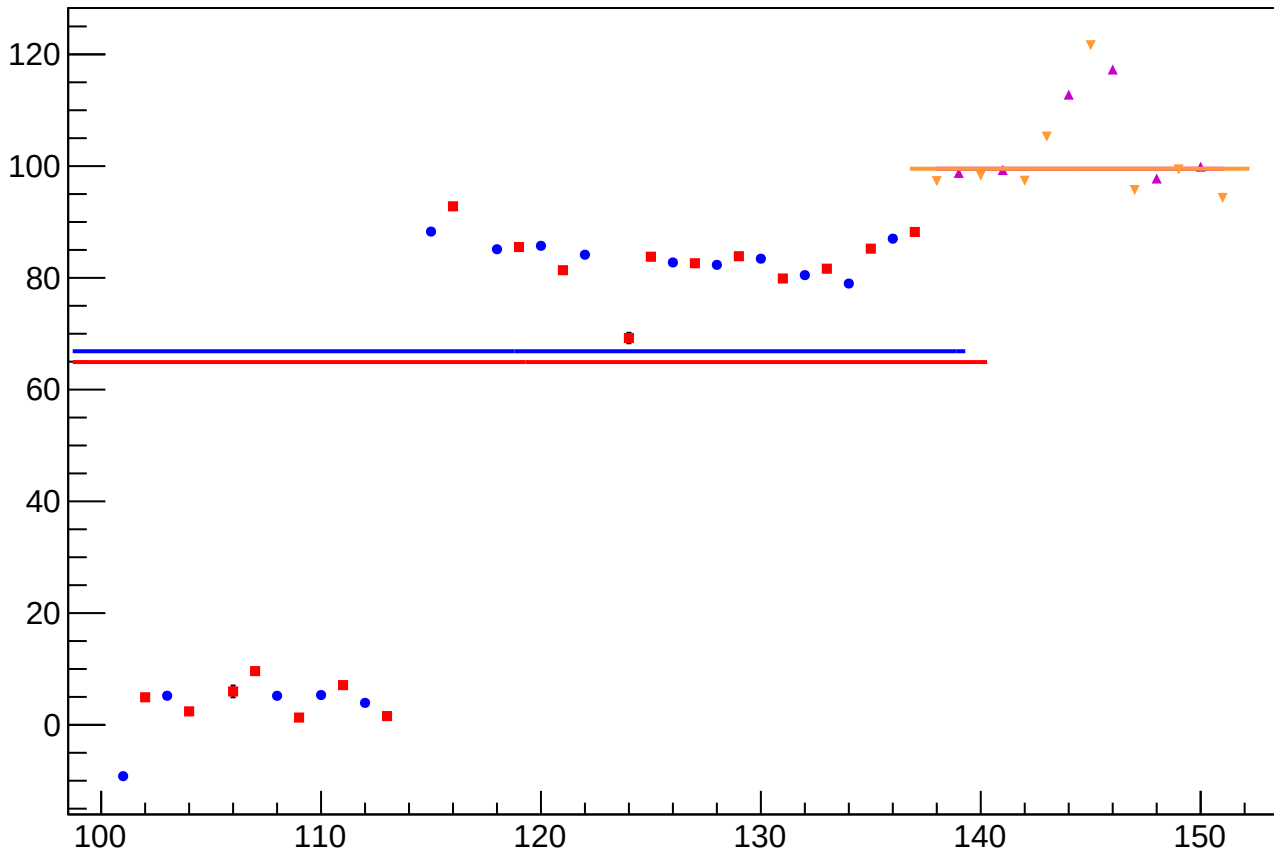
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.043 $\pm$ 0.008 χ^2 /NDF: 168437.7/20

Out: 20.242 $\pm$ 0.007 χ^2 /NDF: 322319.5/25

All: 20.591 $\pm$ 0.006 χ^2 /NDF: 495903.4/46

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 99.538+/-0.017 χ^2/NDF : 68193.8/7

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.523+/-0.021 χ^2/NDF : 4999.8/5

Left: 99.532+/-0.014 χ^2/NDF : 73193.9/13

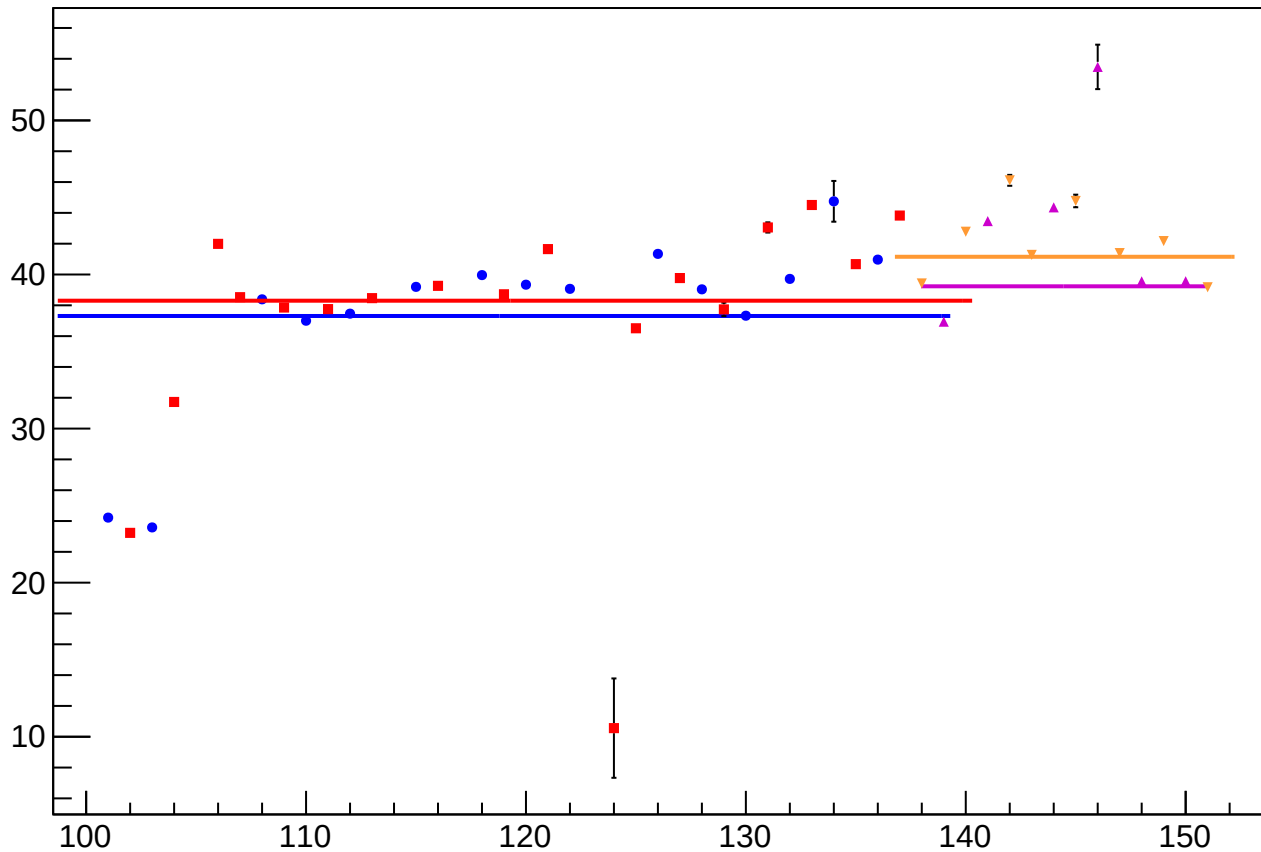
Right: 65.988+/-0.020 χ^2/NDF : 283116.5/32

In: 86.921+/-0.017 χ^2/NDF : 2393588.3/20

Out: 90.703+/-0.015 χ^2/NDF : 2412150.6/25

All: 89.024+/-0.011 χ^2/NDF : 4833896.7/46

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: 39.234 ± 0.043 $\chi^2/\text{NDF}: 3050.5/5$

Left: 40.019 ± 0.033 $\chi^2/\text{NDF}: 4752.3/13$

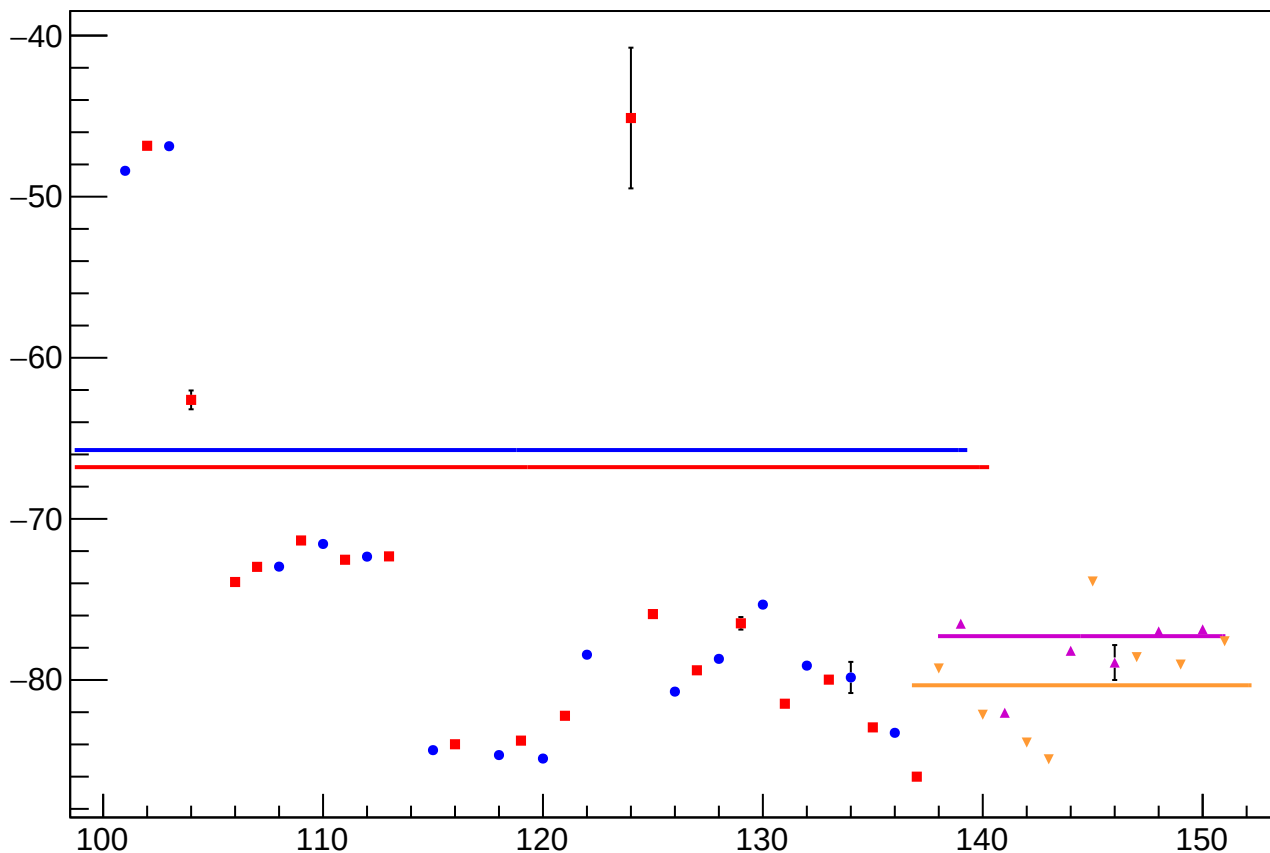
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.740 ± 0.020 $\chi^2/\text{NDF}: 64193.3/20$

Out: 38.690 ± 0.019 $\chi^2/\text{NDF}: 22367.7/25$

All: 38.246 ± 0.014 $\chi^2/\text{NDF}: 87723.1/46$

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: -77.279 ± 0.033 $\chi^2/\text{NDF}: 2171.4/5$

Left: -78.386 ± 0.027 $\chi^2/\text{NDF}: 9594.5/13$

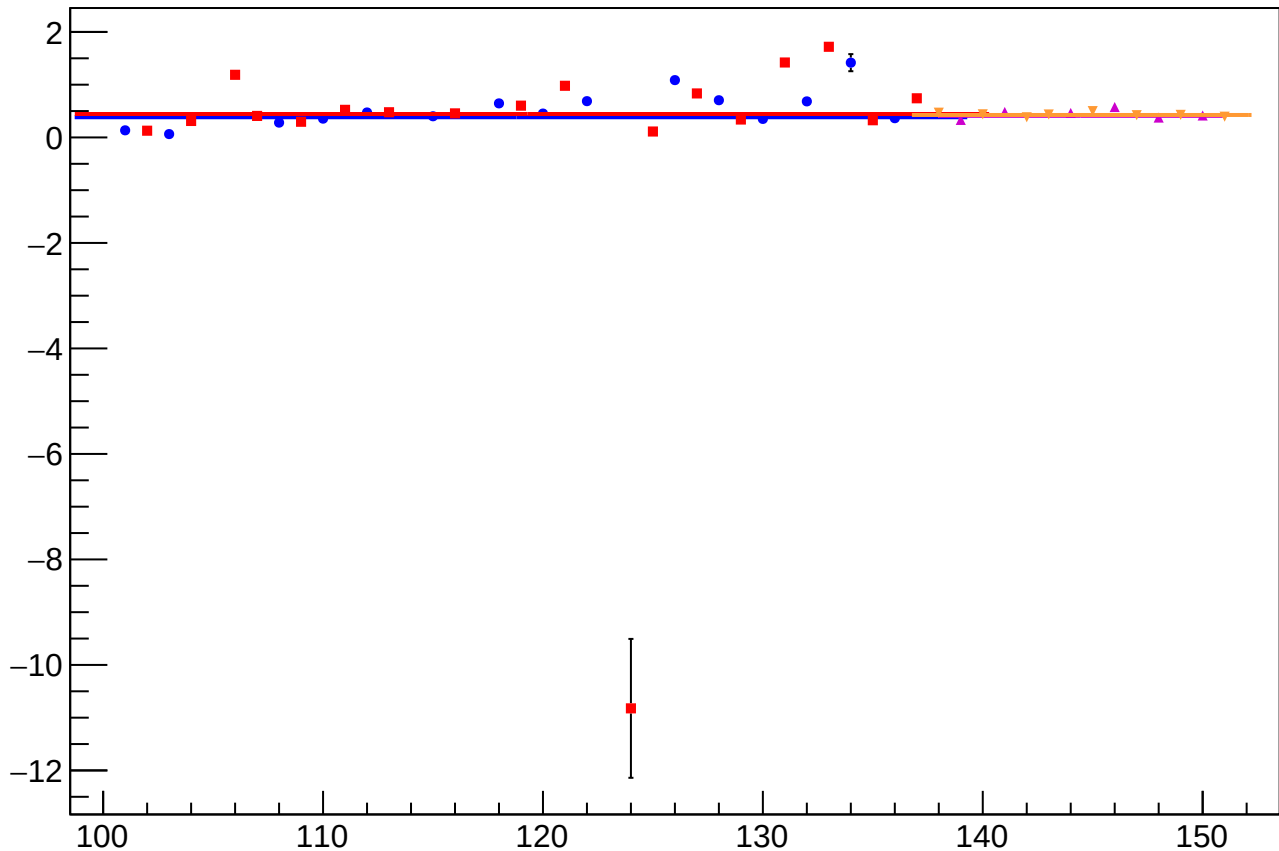
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.061 ± 0.015 $\chi^2/\text{NDF}: 1000165.6/20$

Out: -68.314 ± 0.015 $\chi^2/\text{NDF}: 896481.9/25$

All: -68.189 ± 0.011 $\chi^2/\text{NDF}: 1896790.7/46$

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: 0.409 $\pm$ 0.001 χ^2 /NDF:2086.6/5

Left: 0.419 $\pm$ 0.001 χ^2 /NDF: 2453.2/13

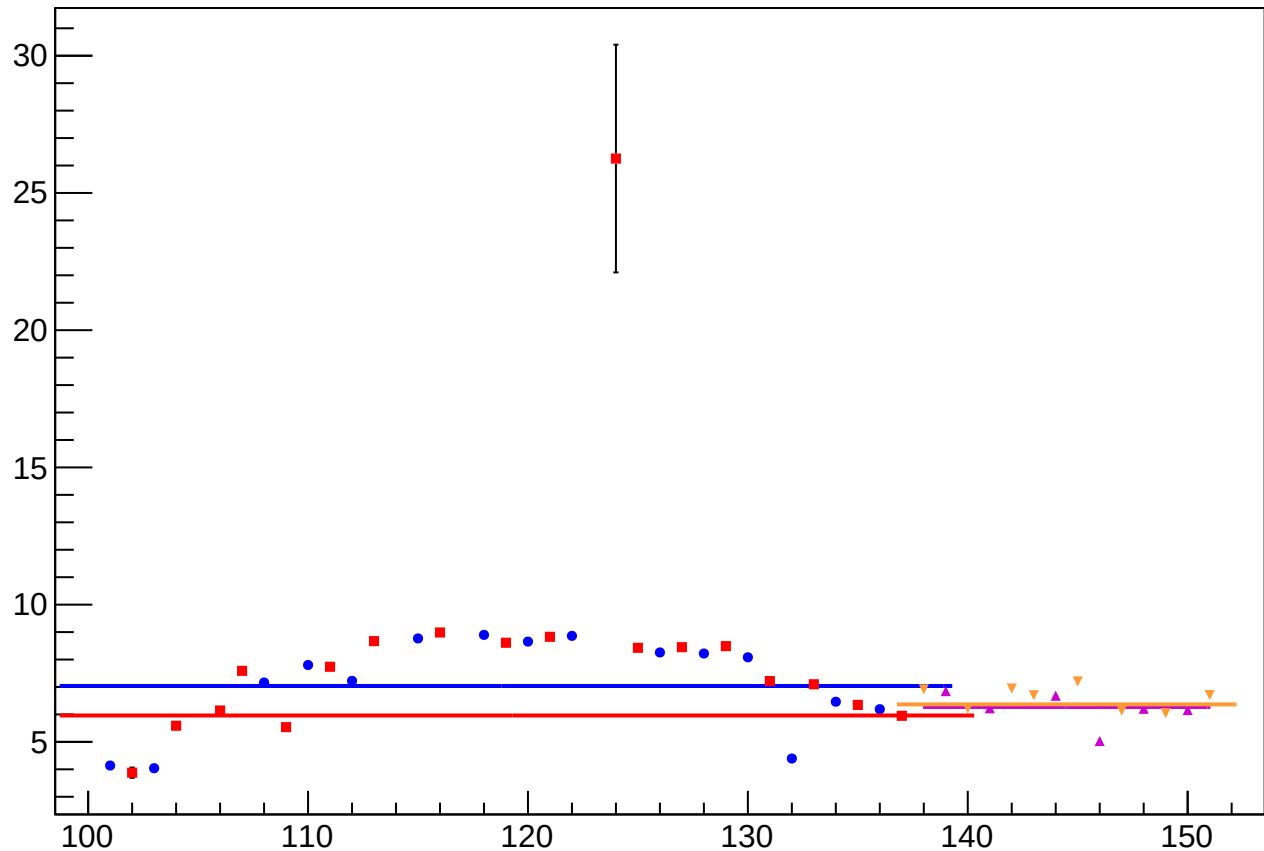
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.402 $\pm$ 0.001 χ^2 /NDF:10409.3/20

Out: 0.427 $\pm$ 0.001 χ^2 /NDF:3048.1/25

All: 0.415 $\pm$ 0.001 χ^2 /NDF: 13797.3/46

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.366 $\pm$ 0.003 χ^2/NDF :13487.1/7

Right Out: 5.962 $\pm$ 0.000 χ^2/NDF : 168372.8/17

Left In: 6.273 $\pm$ 0.003 χ^2/NDF :7535.8/5

Left: 6.313 $\pm$ 0.002 χ^2/NDF : 21575.1/13

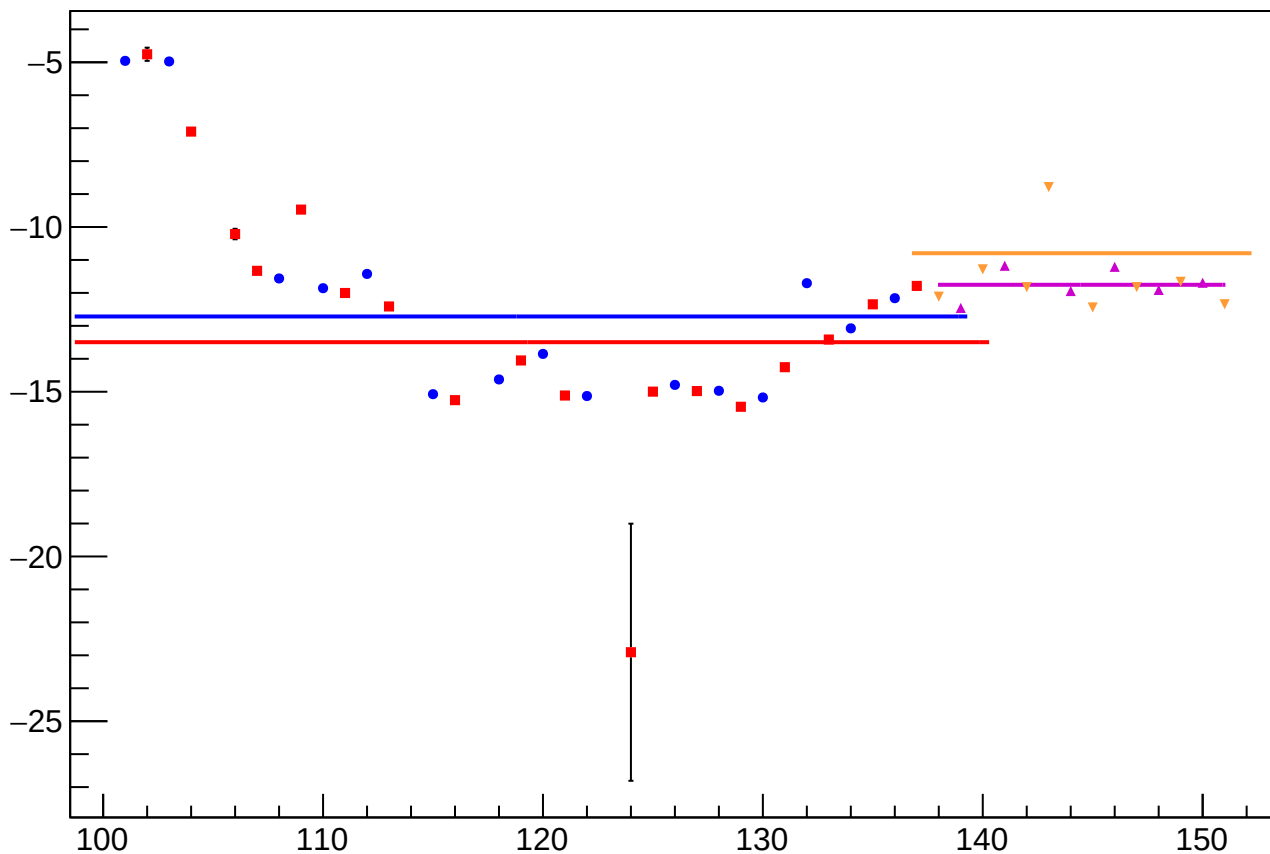
Right: 5.970 $\pm$ 0.000 χ^2/NDF : 294275.6/32

In: 6.462 $\pm$ 0.002 χ^2/NDF :98868.9/20

Out: 5.969 $\pm$ 0.000 χ^2/NDF :199795.4/25

All: 5.985 $\pm$ 0.000 χ^2/NDF : 345161.4/46

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.795 $\pm$ 0.004 χ^2 /NDF:159842.5/7

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.754 $\pm$ 0.004 χ^2 /NDF:4046.7/5

Left: -11.239 $\pm$ 0.003 χ^2 /NDF: 196667.6/13

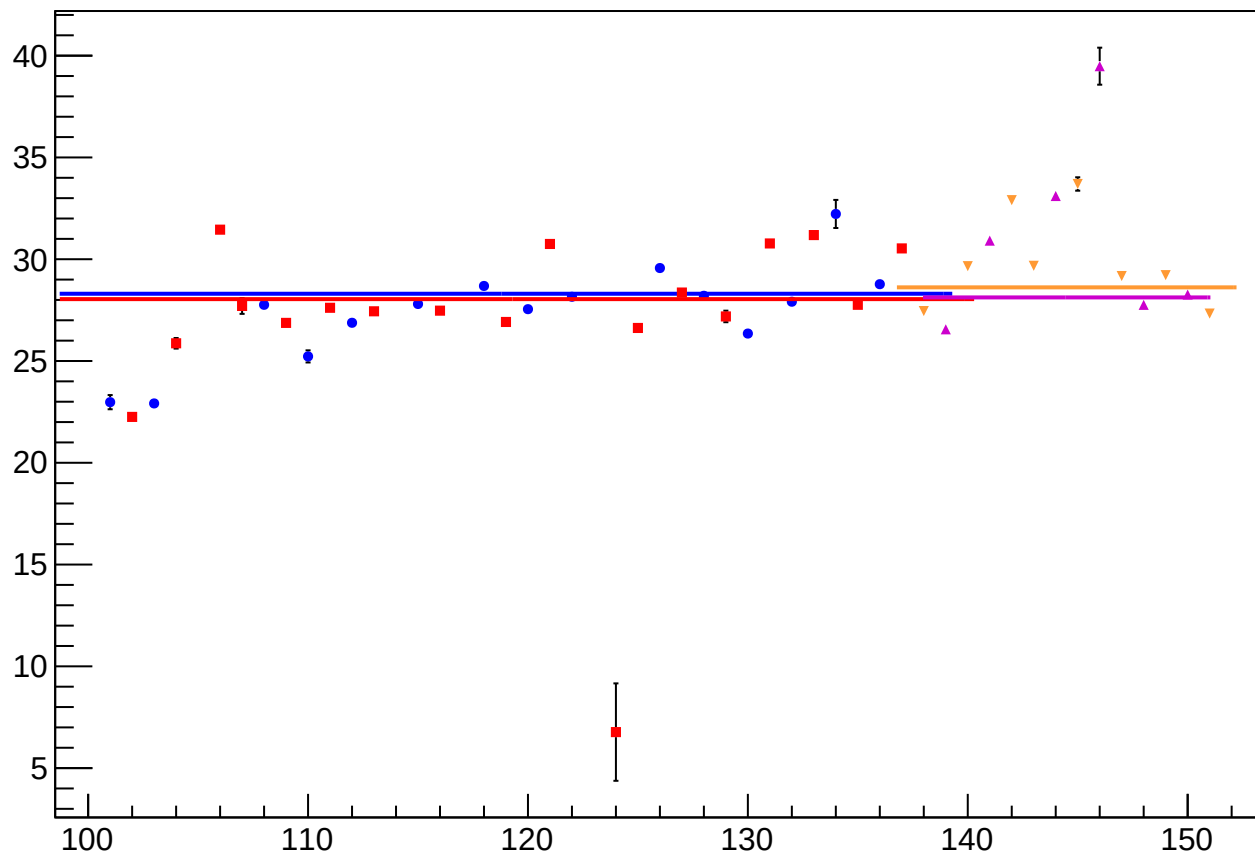
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.013 $\pm$ 0.003 χ^2 /NDF:105863.4/20

Out: -11.545 $\pm$ 0.003 χ^2 /NDF:371643.5/25

All: -11.760 $\pm$ 0.002 χ^2 /NDF: 488303.9/46

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.618 $\pm$ 0.030 χ^2 /NDF:1873.2/7

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.123 $\pm$ 0.028 χ^2 /NDF:2869.2/5

Left: 28.358 $\pm$ 0.021 χ^2 /NDF: 4885.6/13

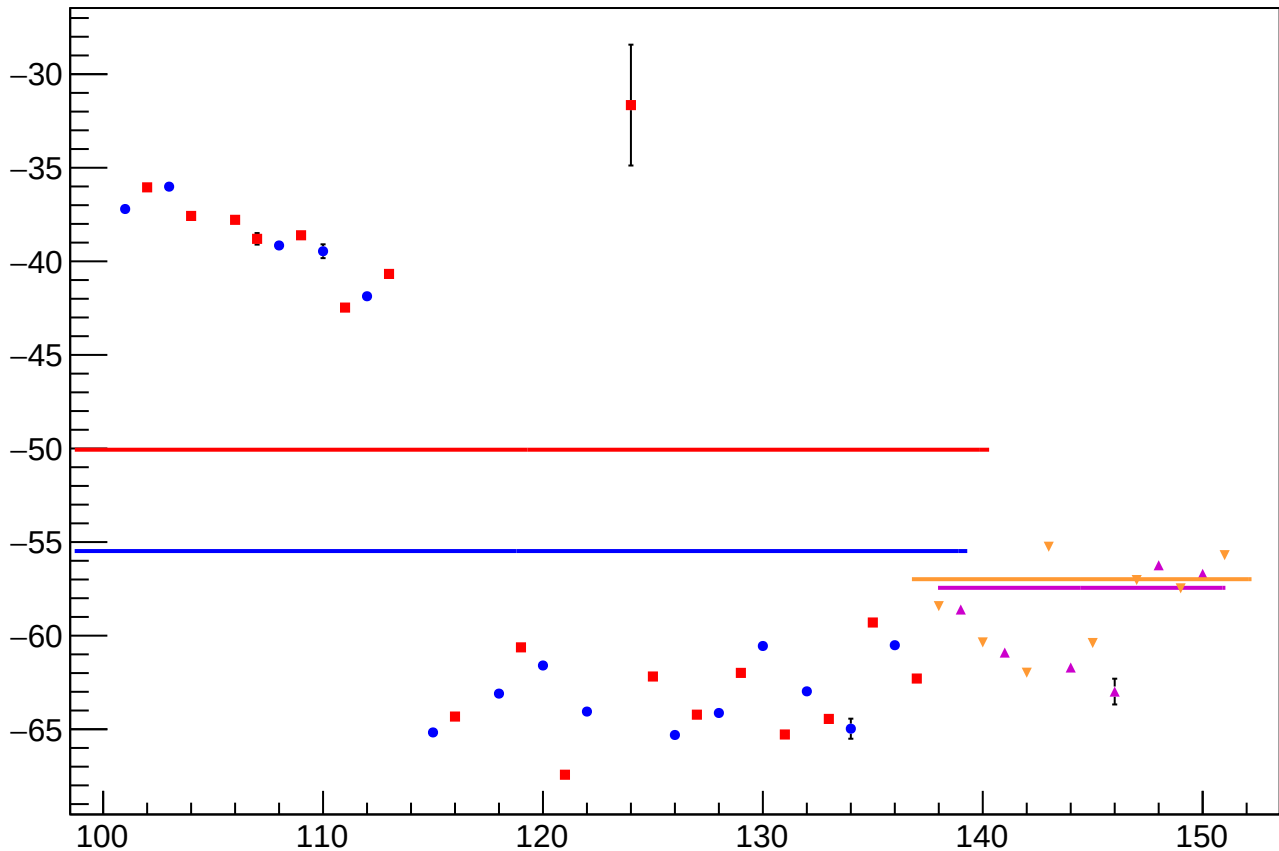
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.232 $\pm$ 0.018 χ^2 /NDF:6293.6/20

Out: 28.332 $\pm$ 0.021 χ^2 /NDF:4618.6/25

All: 28.274 $\pm$ 0.014 χ^2 /NDF: 10925.1/46

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: -57.444 $\pm$ 0.025 χ^2 /NDF: 4214.2/5

Left: -57.230 $\pm$ 0.019 χ^2 /NDF: 8527.3/13

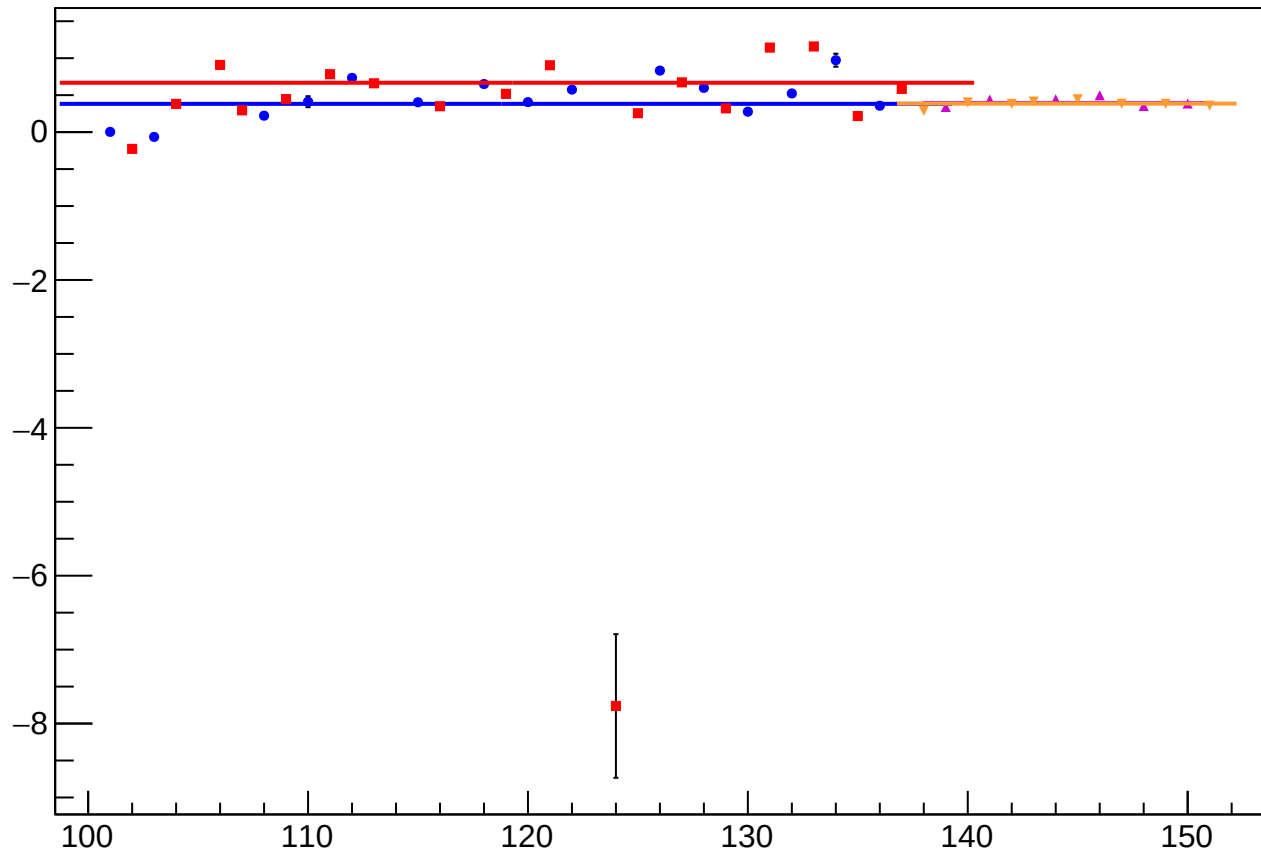
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.069 $\pm$ 0.014 χ^2 /NDF: 603576.2/20

Out: -52.972 $\pm$ 0.018 χ^2 /NDF: 381852.4/25

All: -54.885 $\pm$ 0.011 χ^2 /NDF: 1004540.1/46

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: 0.393 ± 0.001 χ^2/NDF : 1518.0/5

Left: 0.389 ± 0.001 χ^2/NDF : 2464.5/13

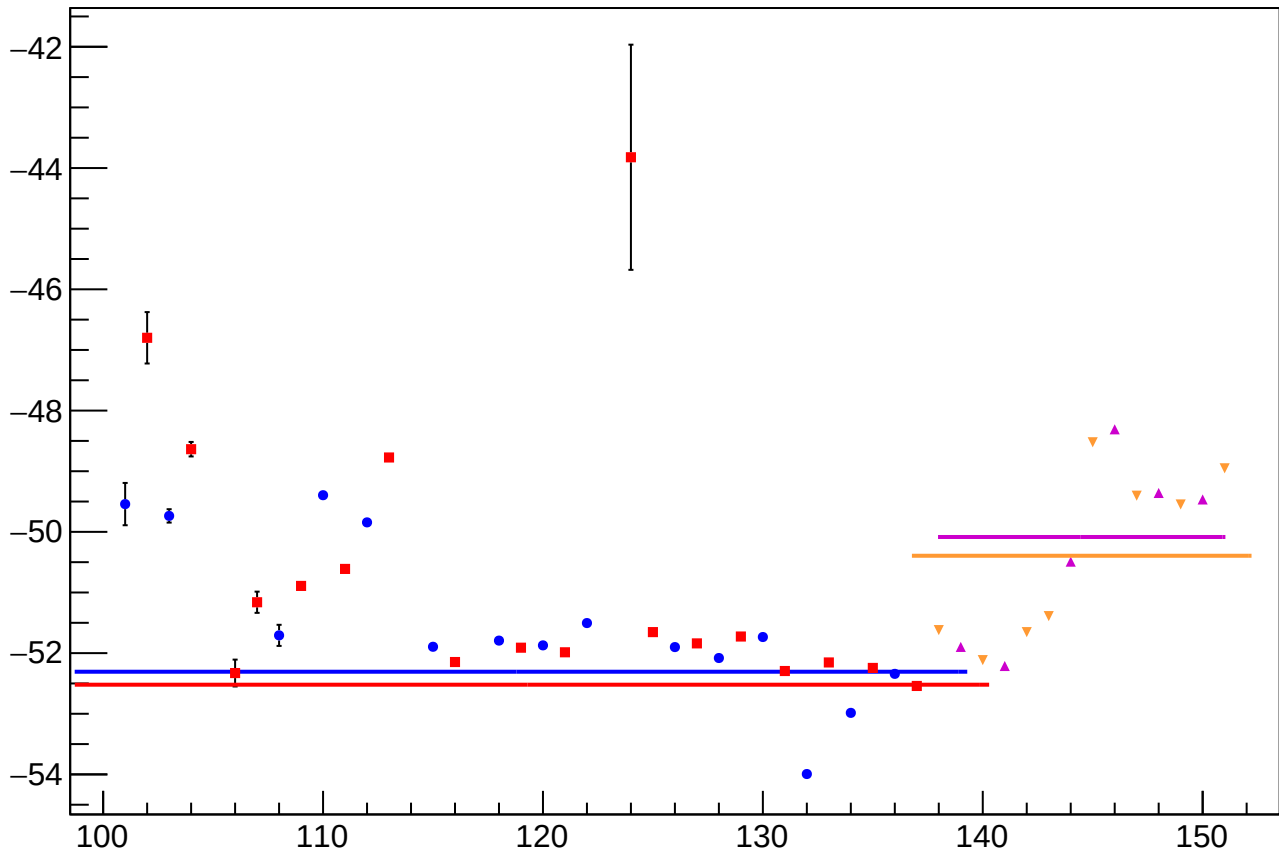
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.390 ± 0.001 χ^2/NDF : 6146.9/20

Out: 0.392 ± 0.001 χ^2/NDF : 8267.3/25

All: 0.391 ± 0.001 χ^2/NDF : 14417.5/46

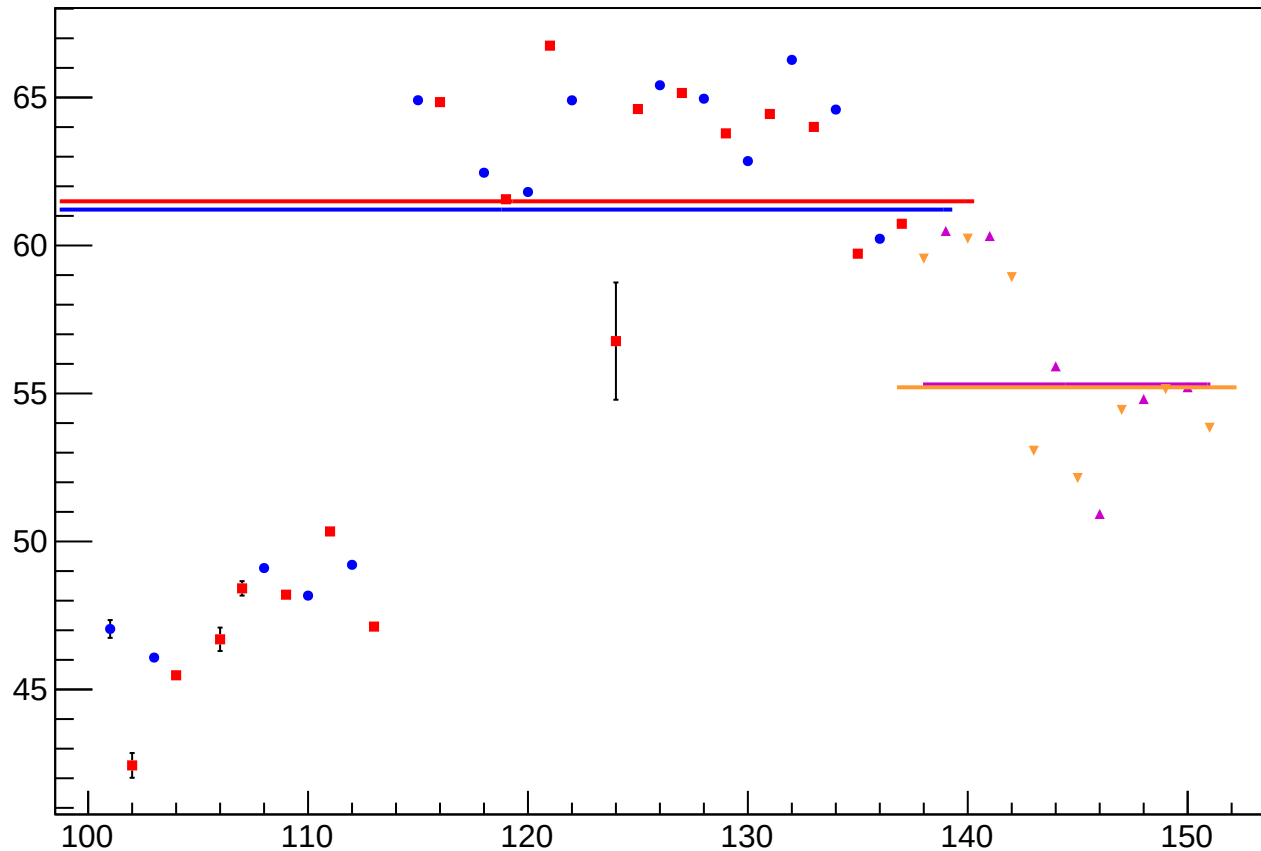
dit_sam8_4aY_slope vs Slug, Sign Corrected



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: -50.085 $\pm$ 0.003 χ^2 /NDF: 209559.1/5

Left: -50.206 $\pm$ 0.002 χ^2 /NDF: 332824.2/13
 Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32
 In: -50.742 $\pm$ 0.002 χ^2 /NDF: 465849.2/20
 Out: -52.286 $\pm$ 0.001 χ^2 /NDF: 542481.6/25
 All: -51.984 $\pm$ 0.001 χ^2 /NDF: 1438717.3/46

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.208 $\pm$ 0.006 χ^2/NDF : 193722.2/7

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.306 $\pm$ 0.005 χ^2/NDF : 49453.4/5

Left: 55.261 $\pm$ 0.004 χ^2/NDF : 243322.5/13

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 56.657 $\pm$ 0.005 χ^2/NDF : 479147.9/20

Out: 57.957 $\pm$ 0.004 χ^2/NDF : 929717.5/25

All: 57.350 $\pm$ 0.003 χ^2/NDF : 1448825.0/46

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

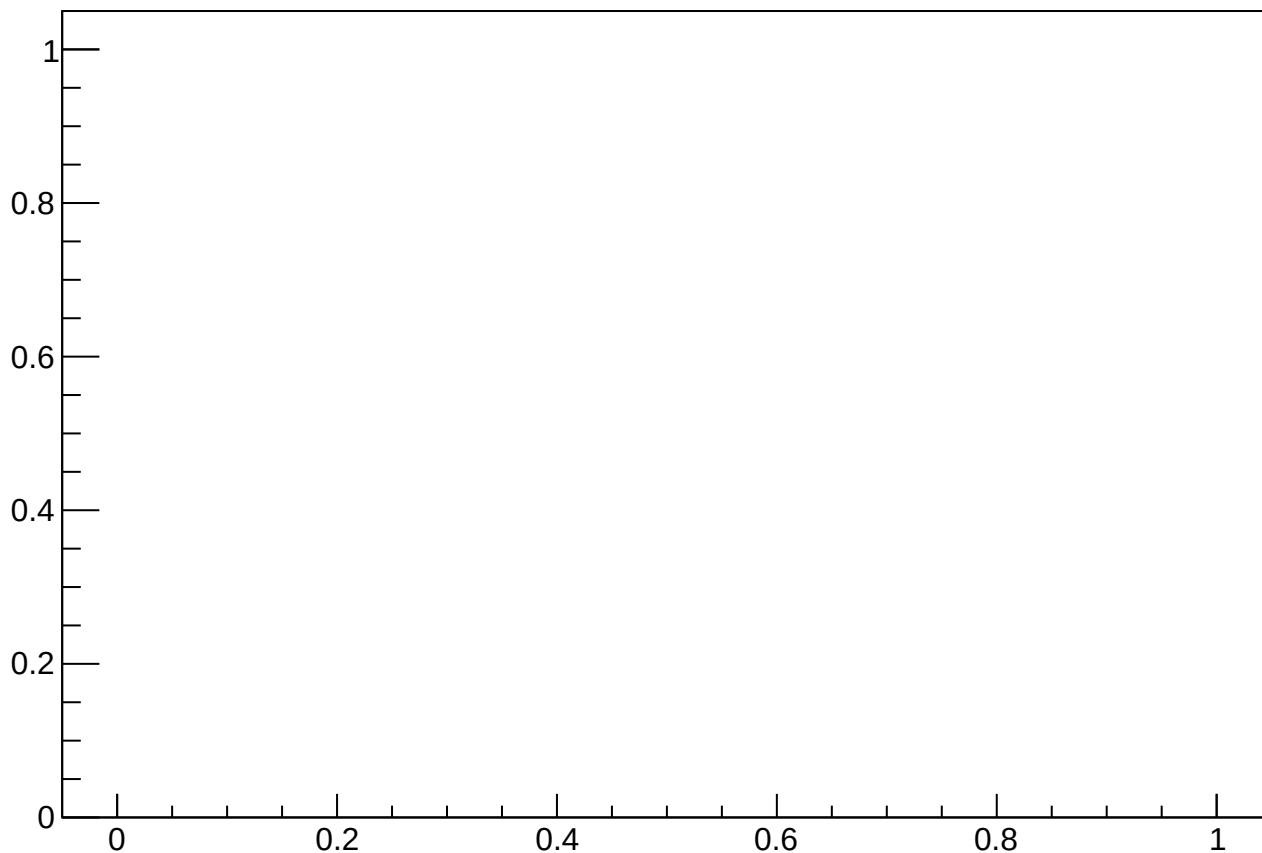
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

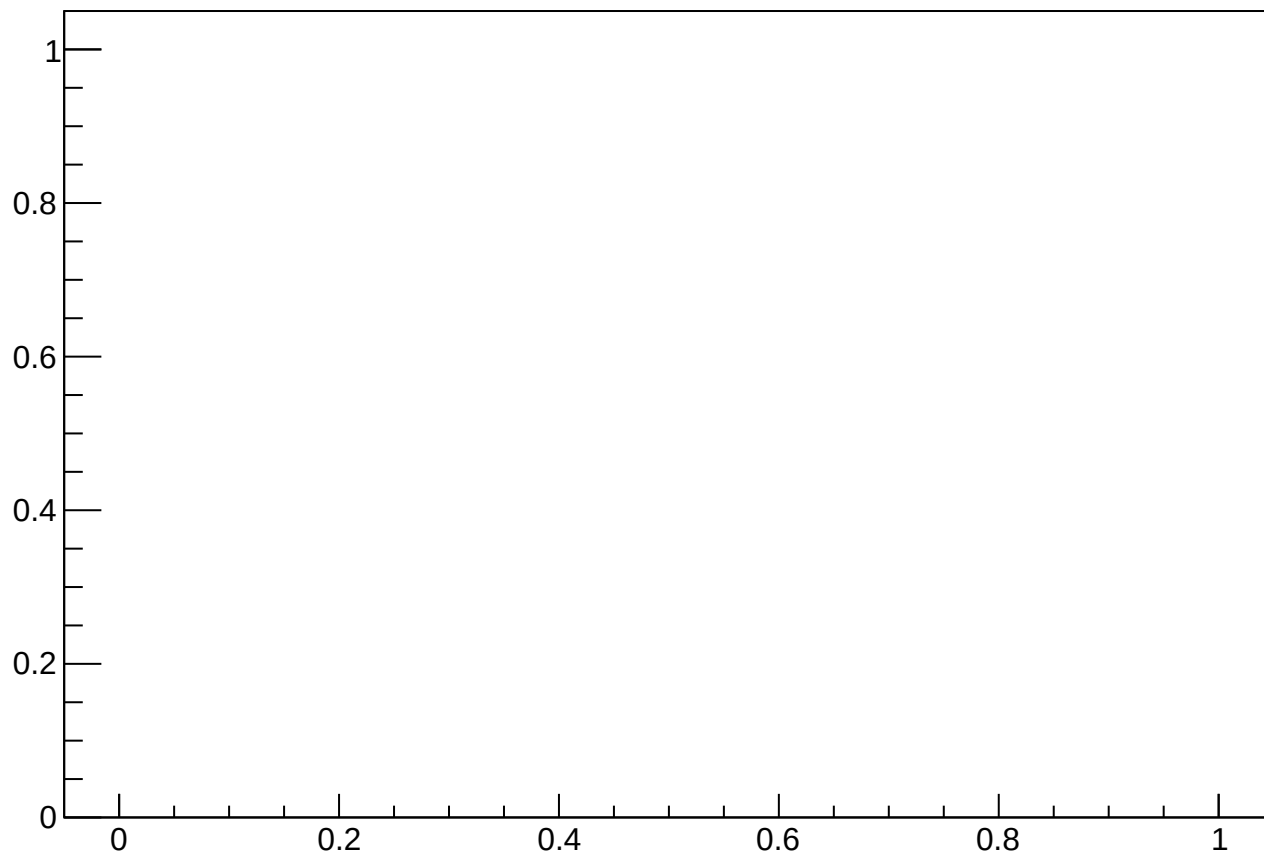
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

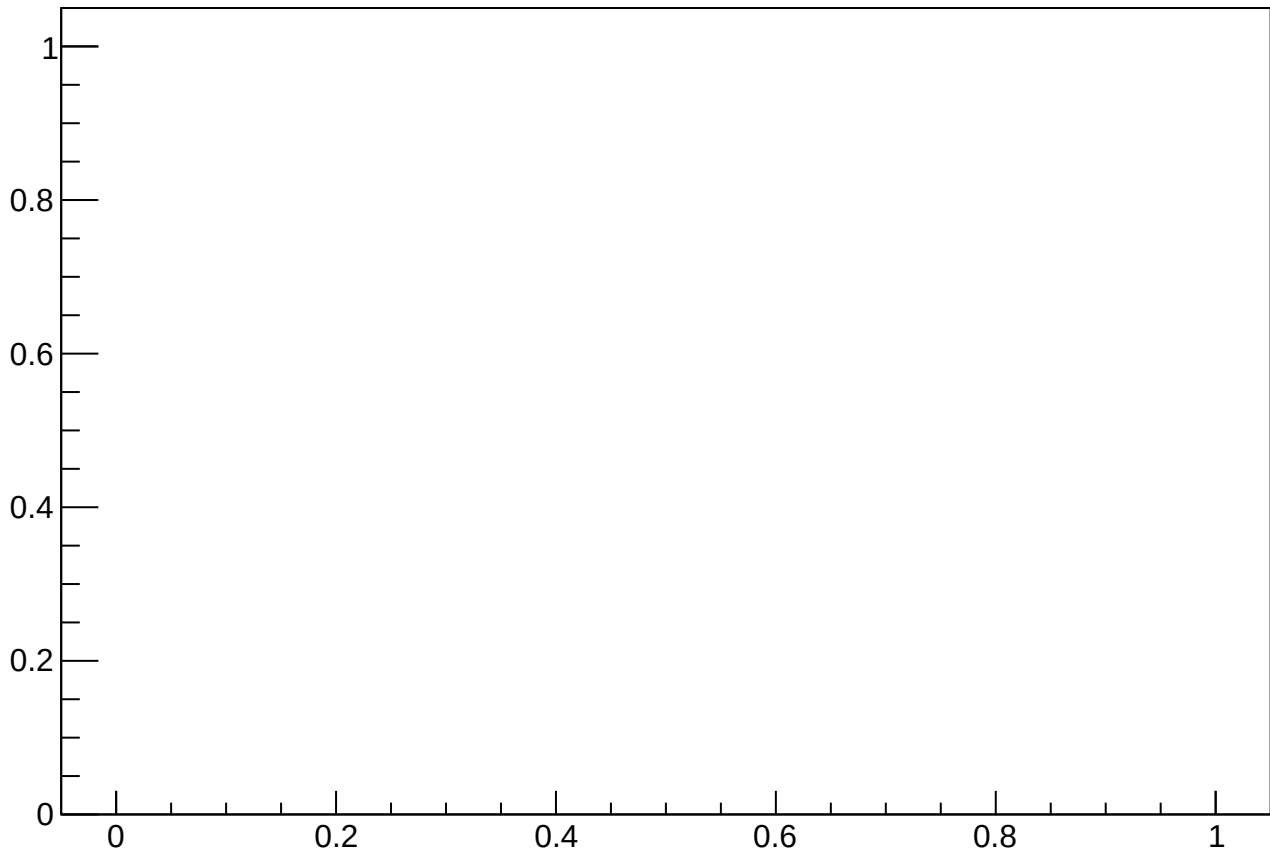
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

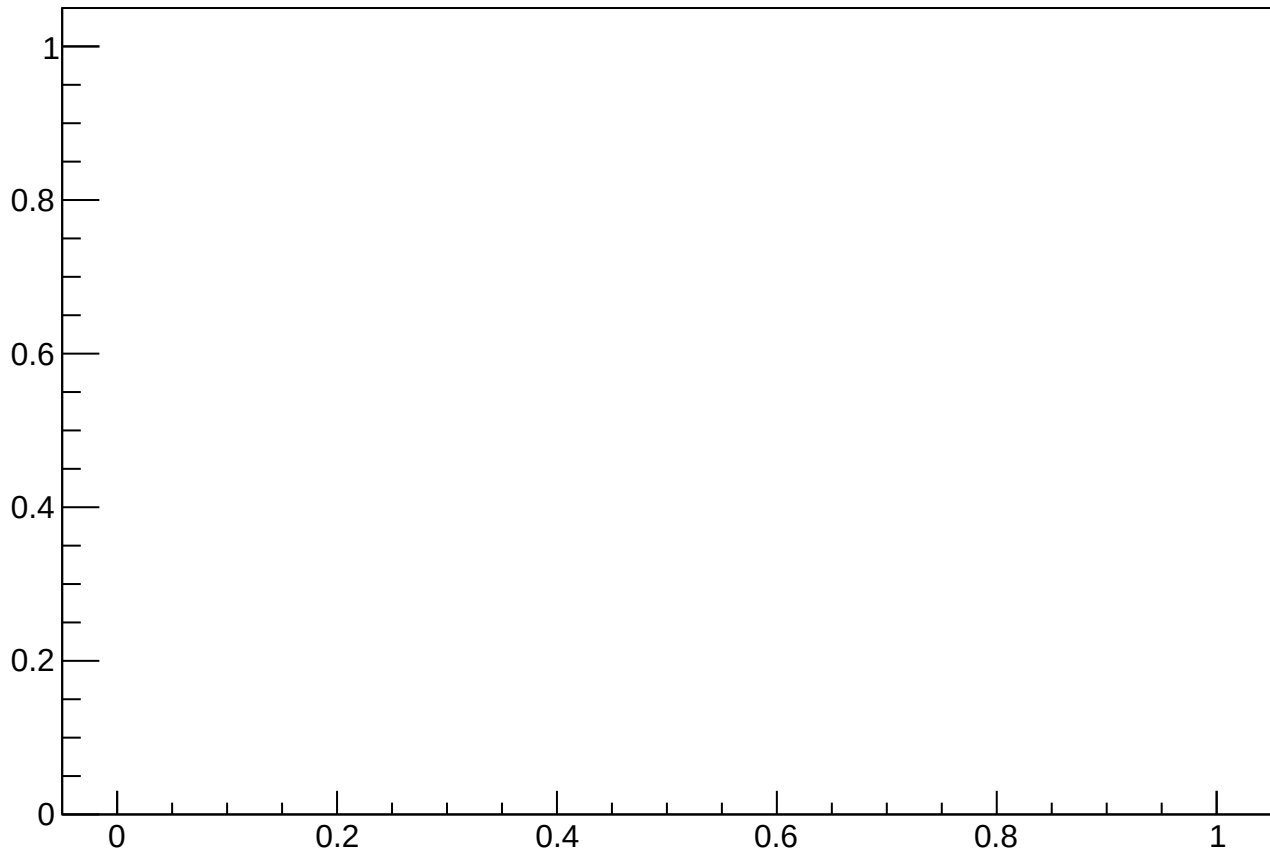
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

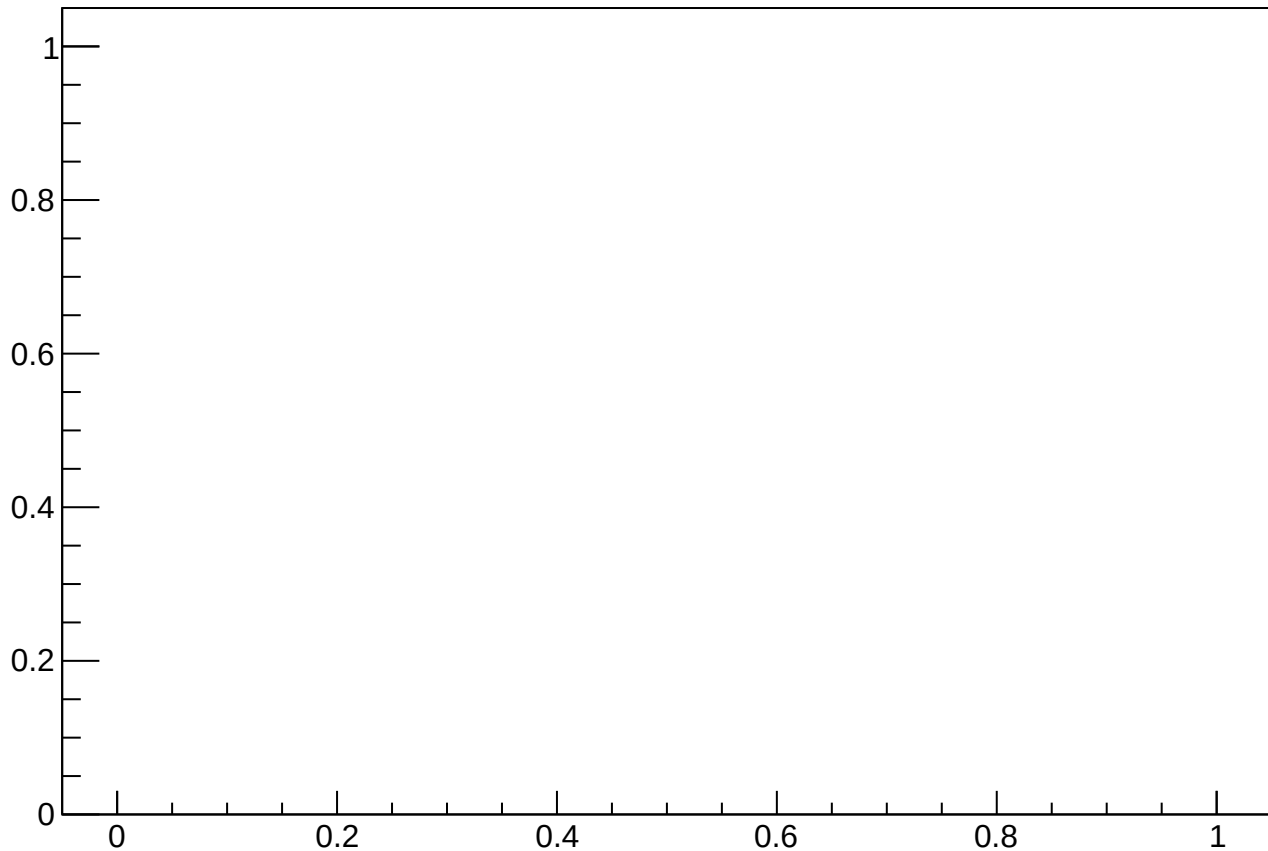
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

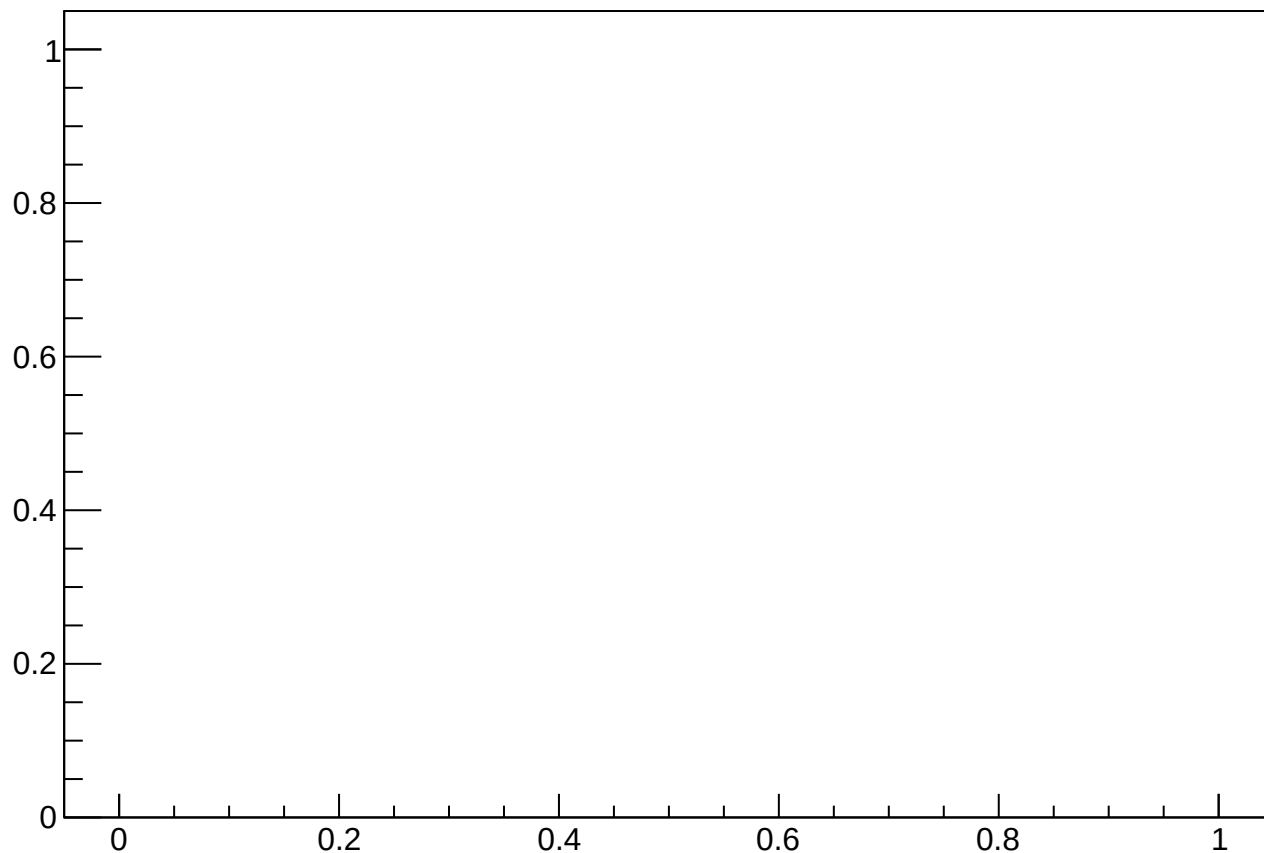
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

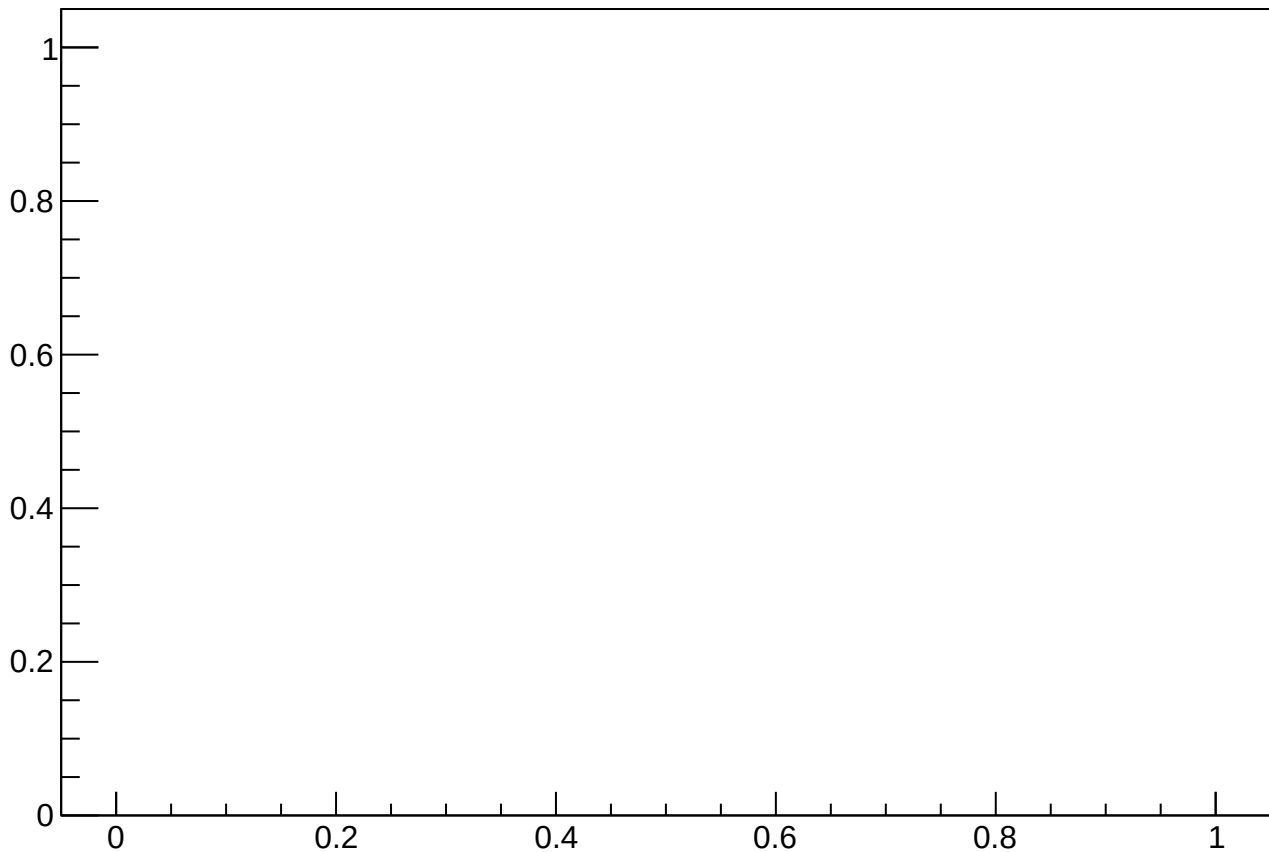
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

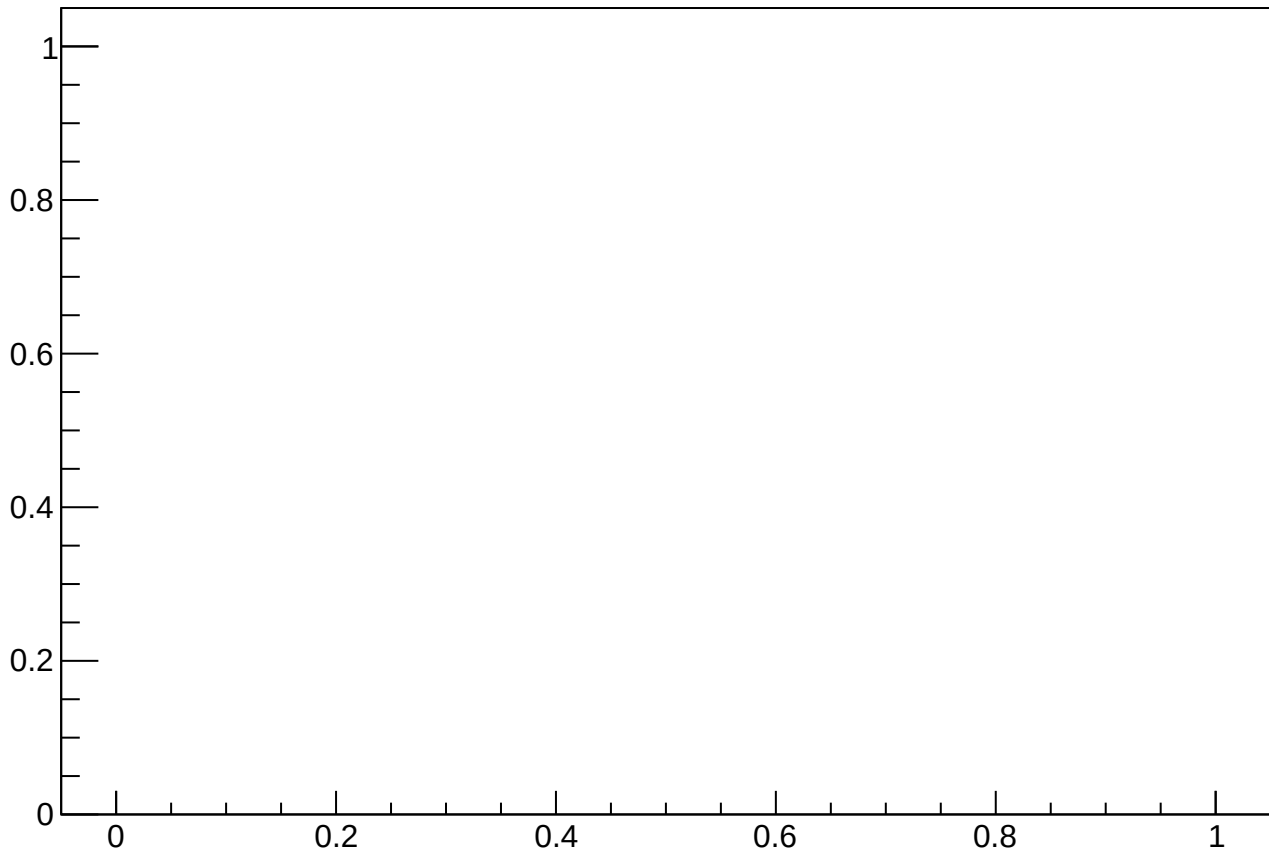
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

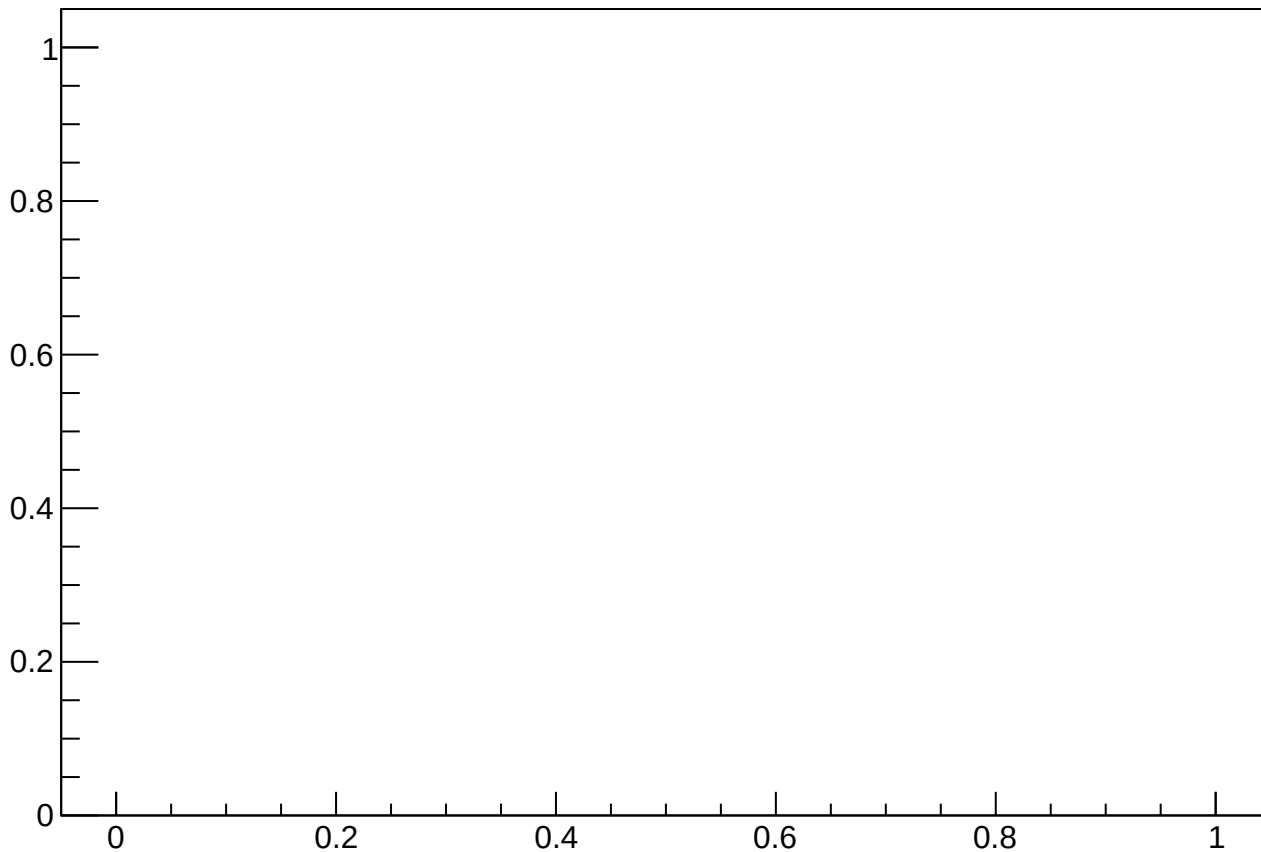
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

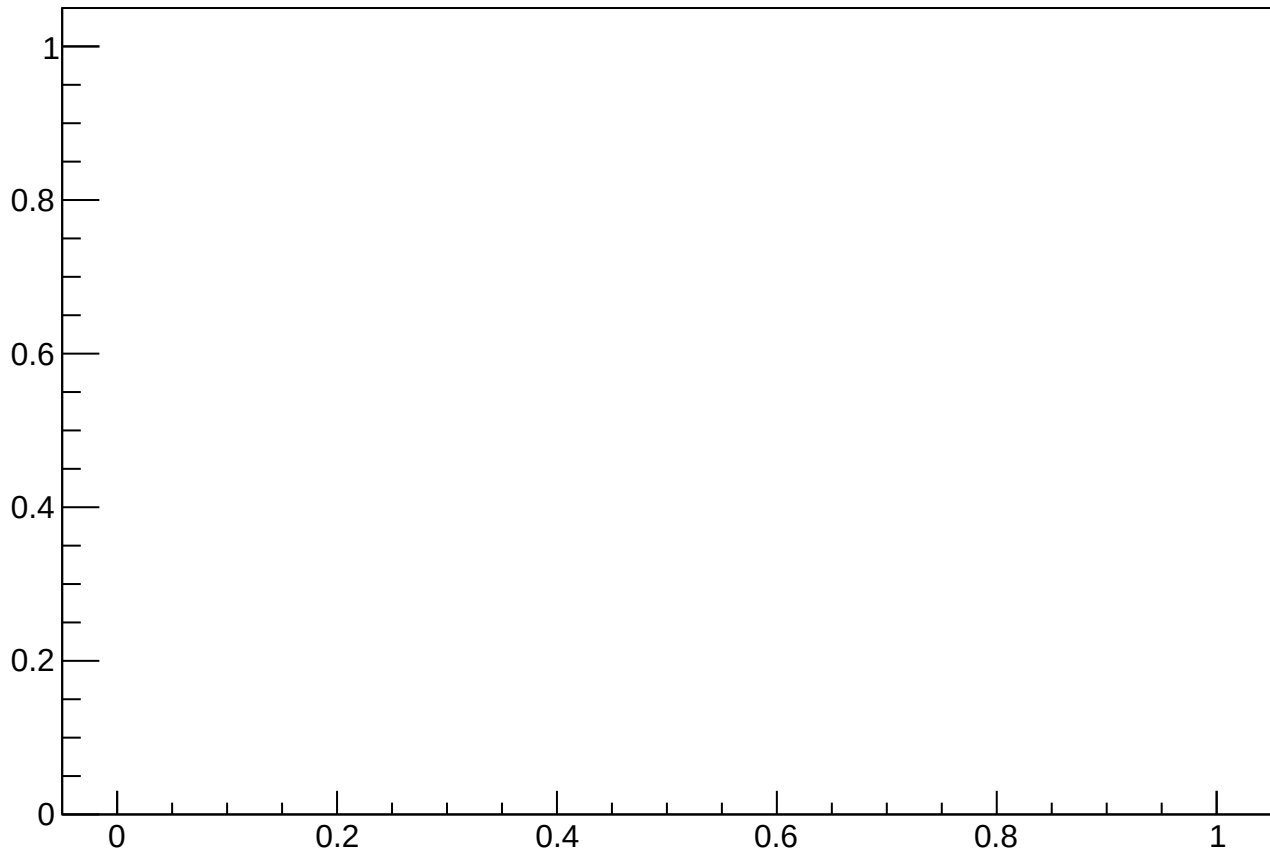
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

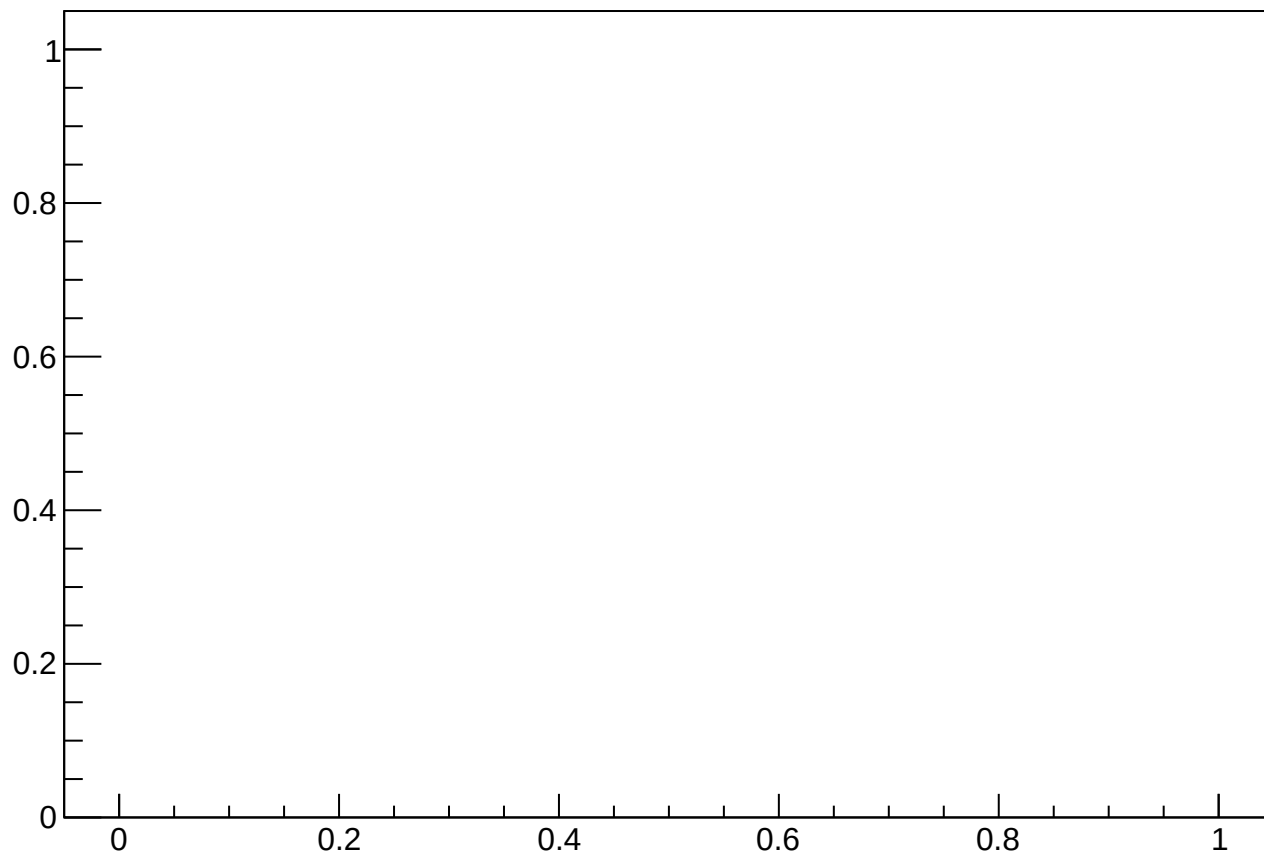
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

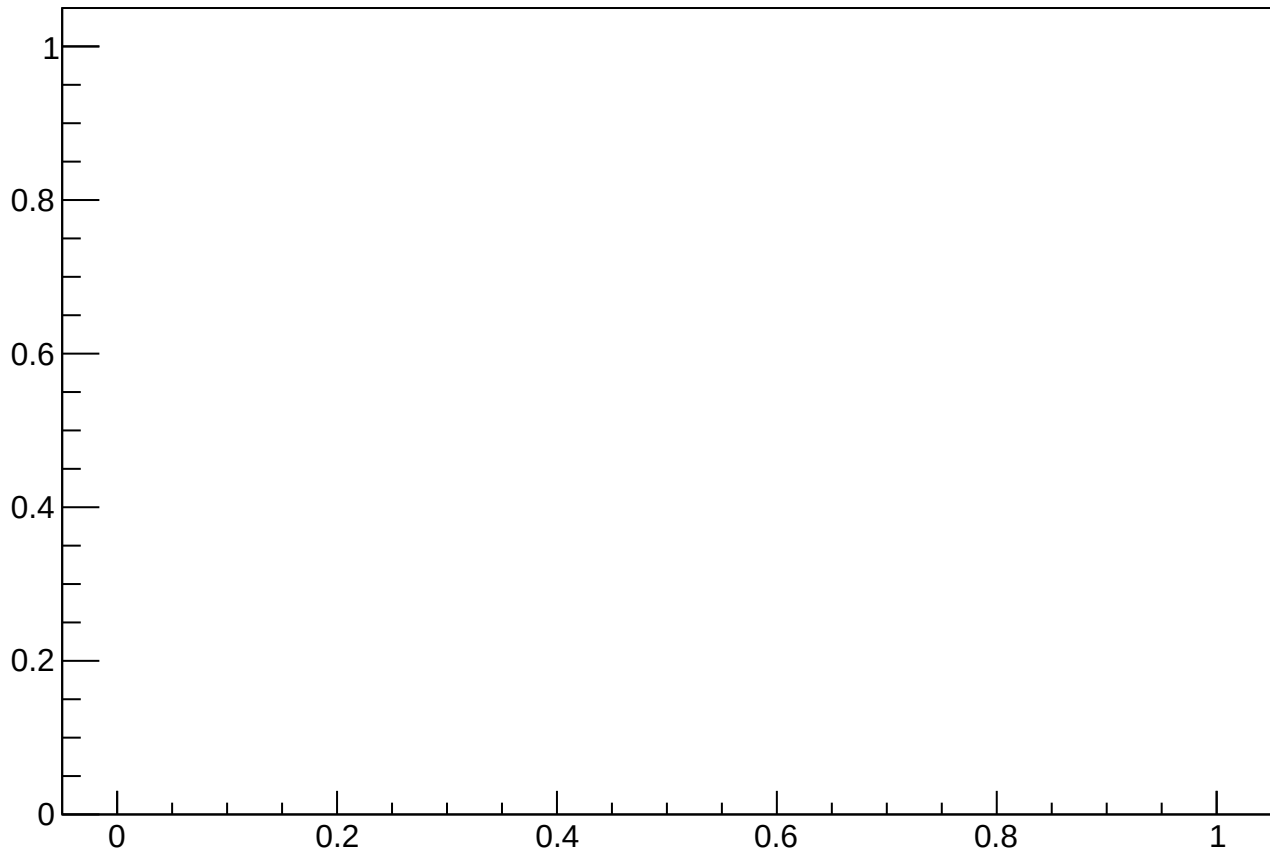
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

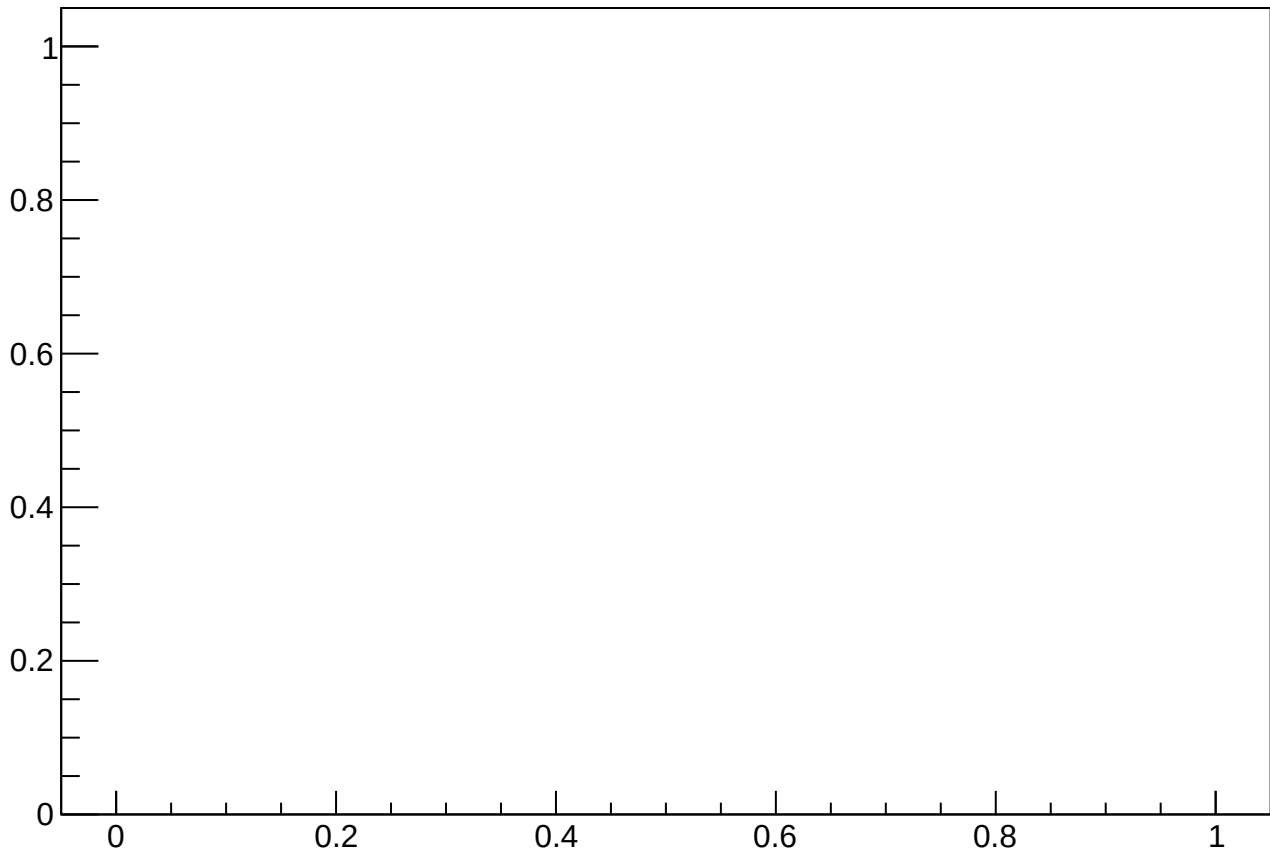
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

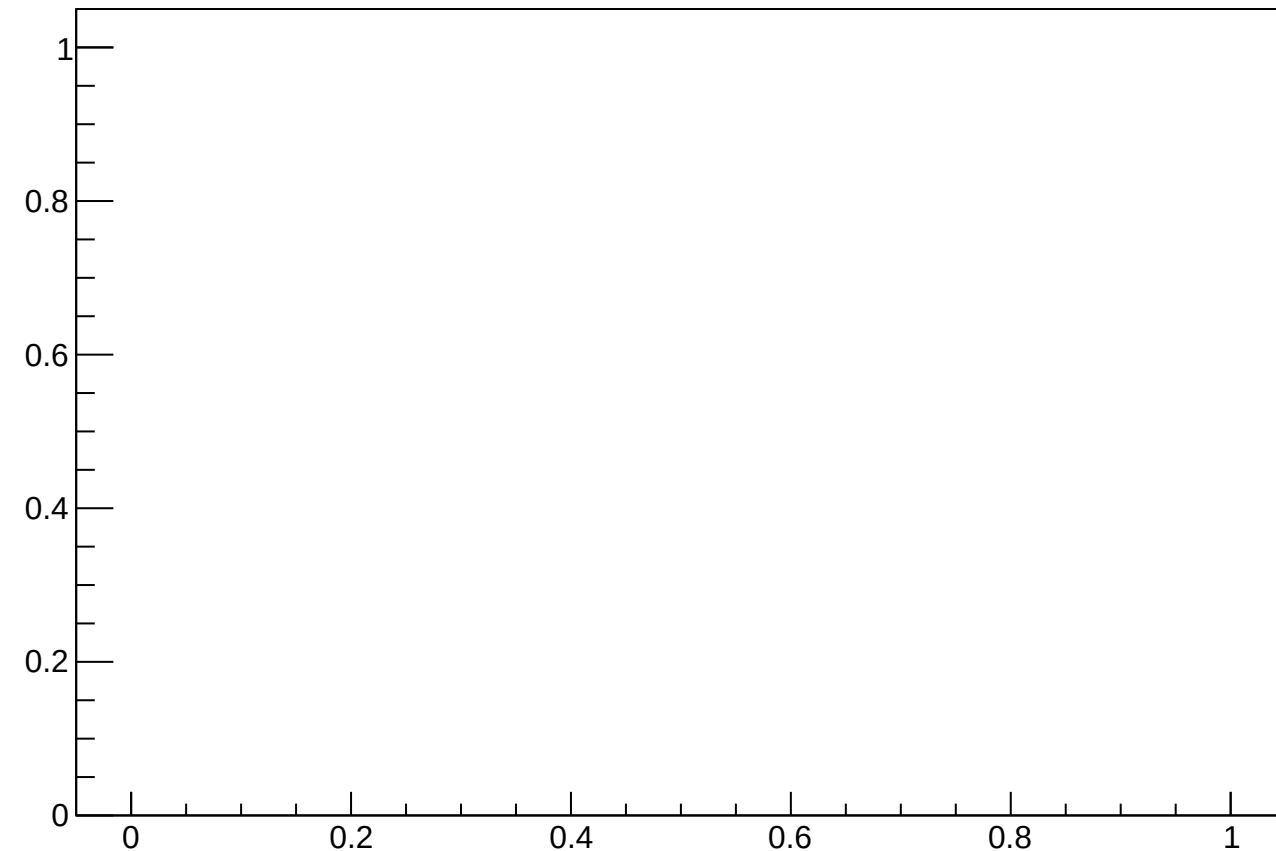
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

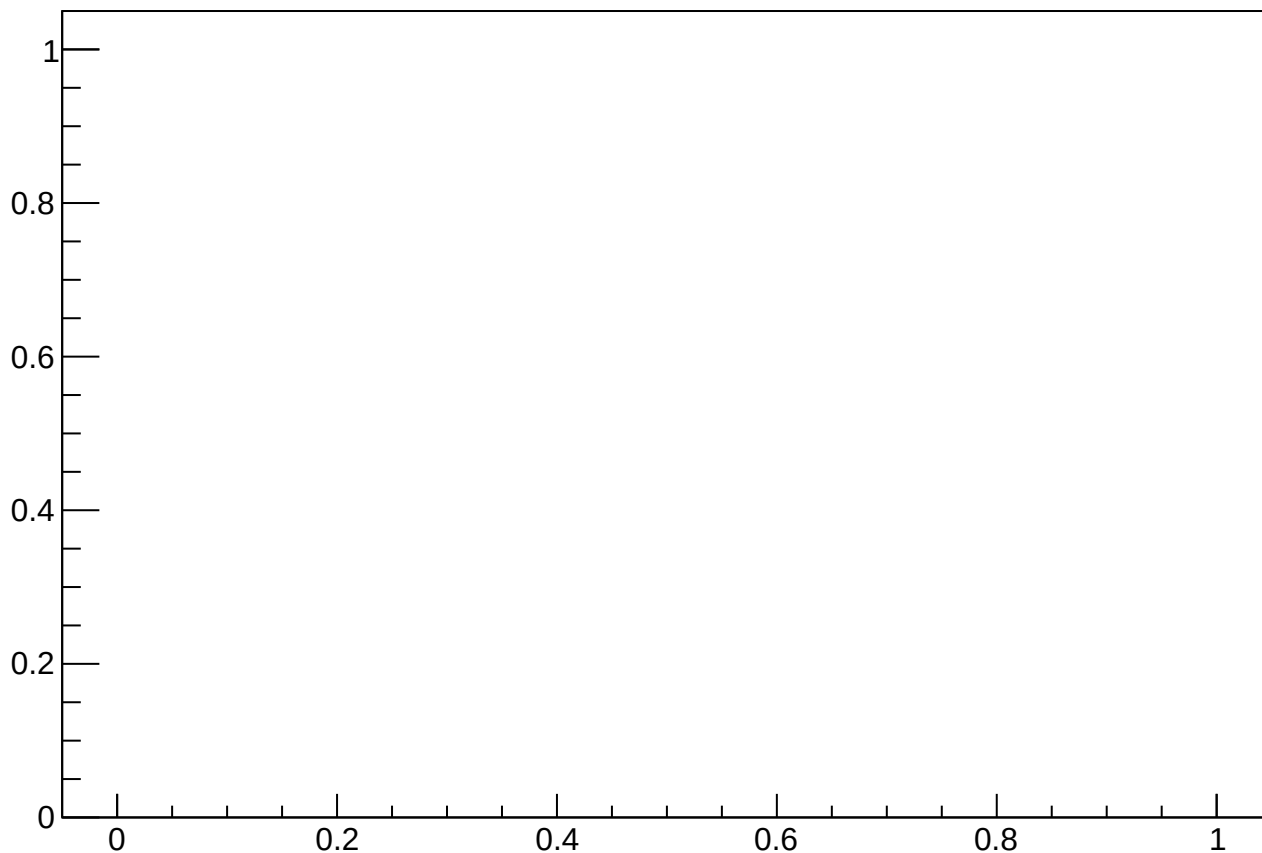
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

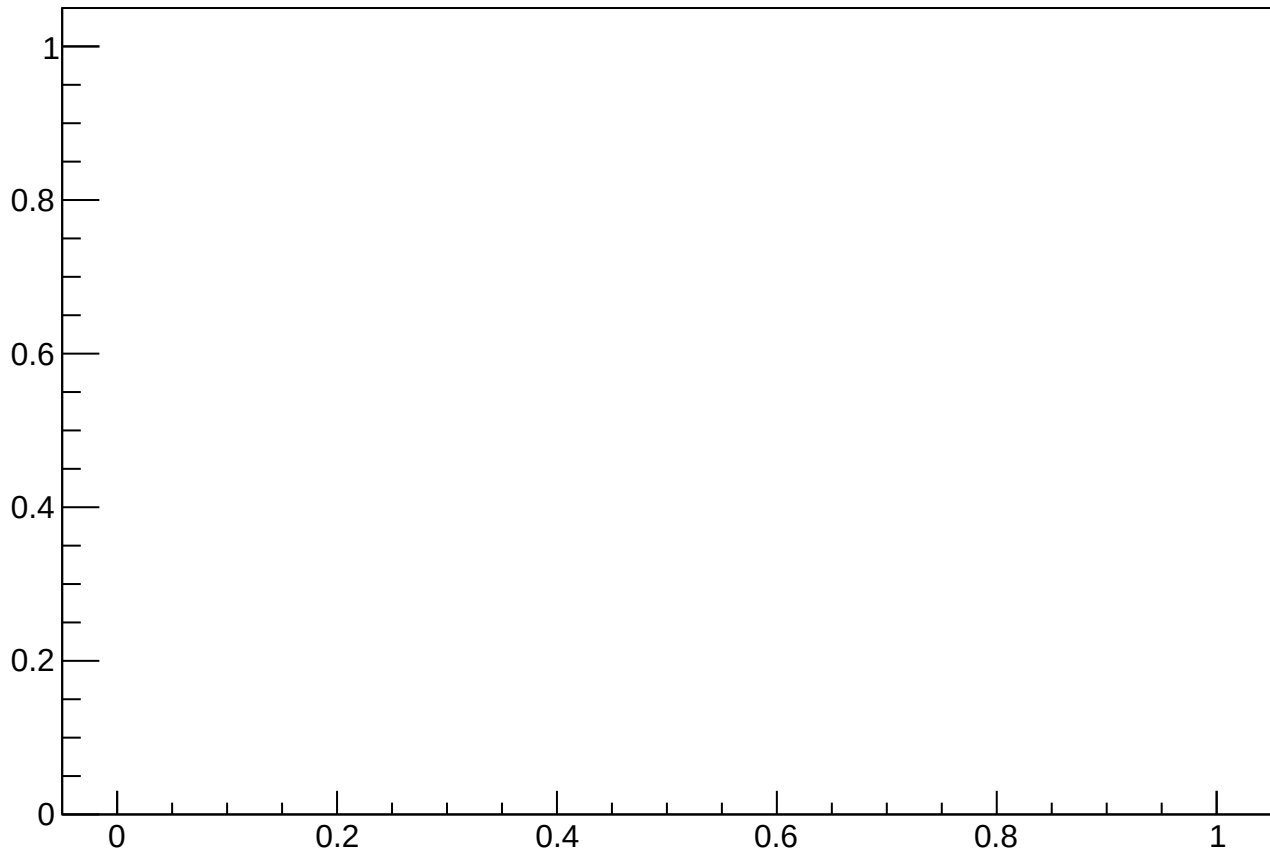
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

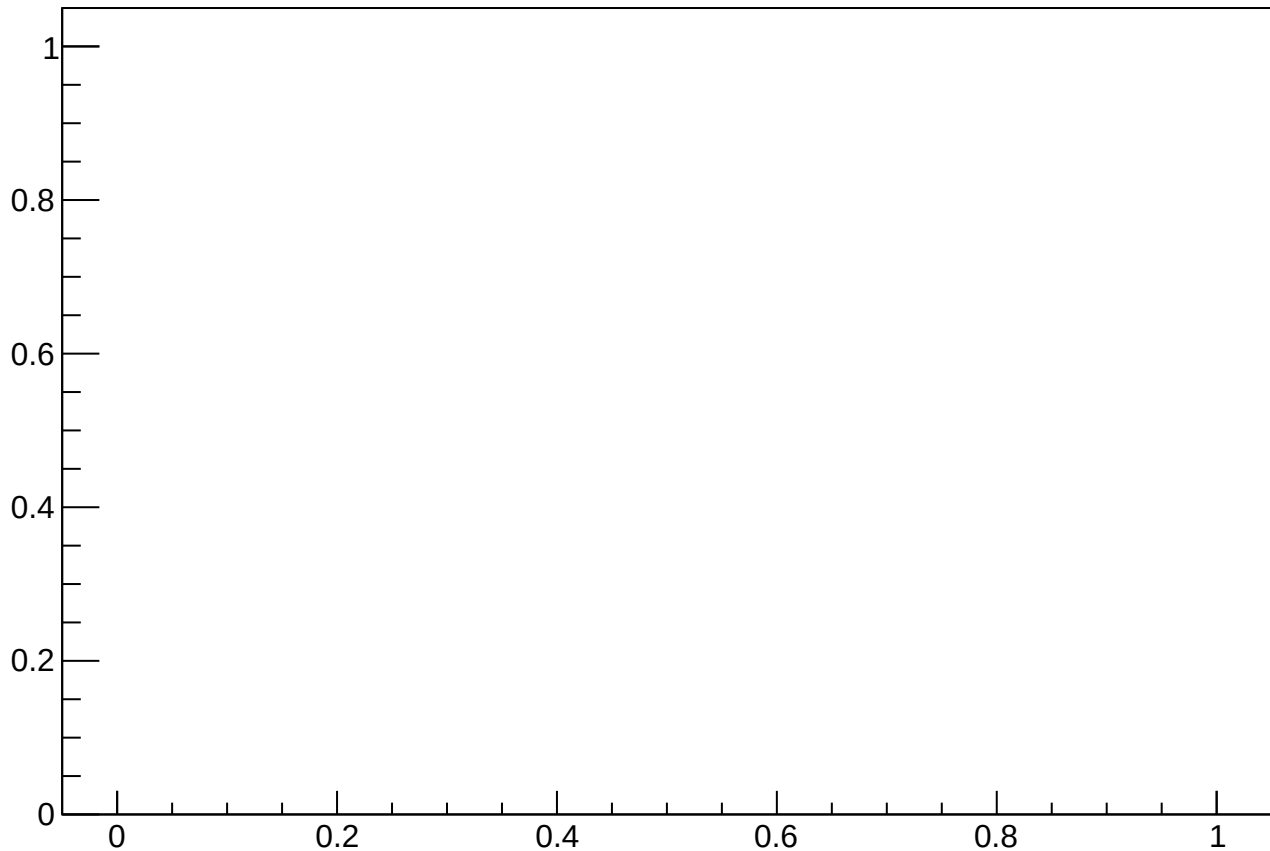
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

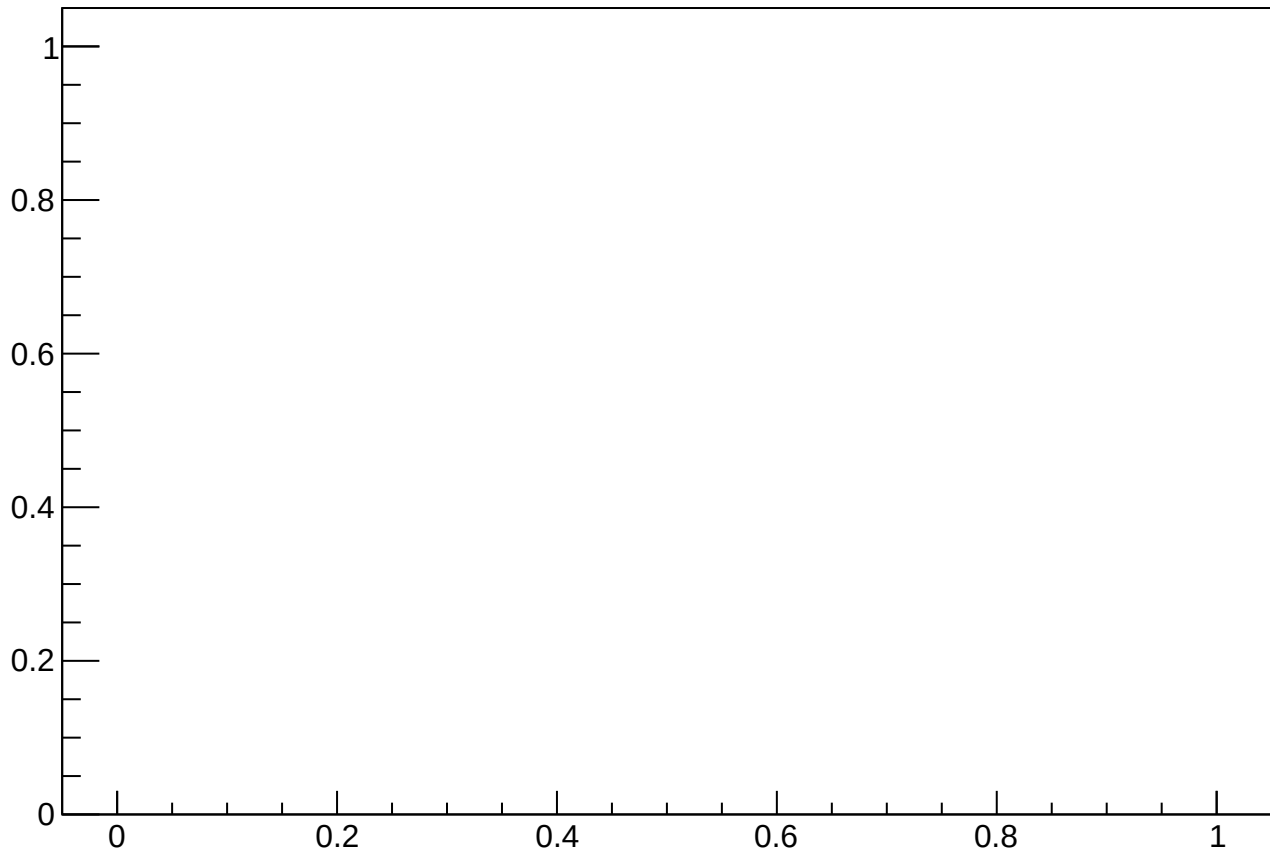
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

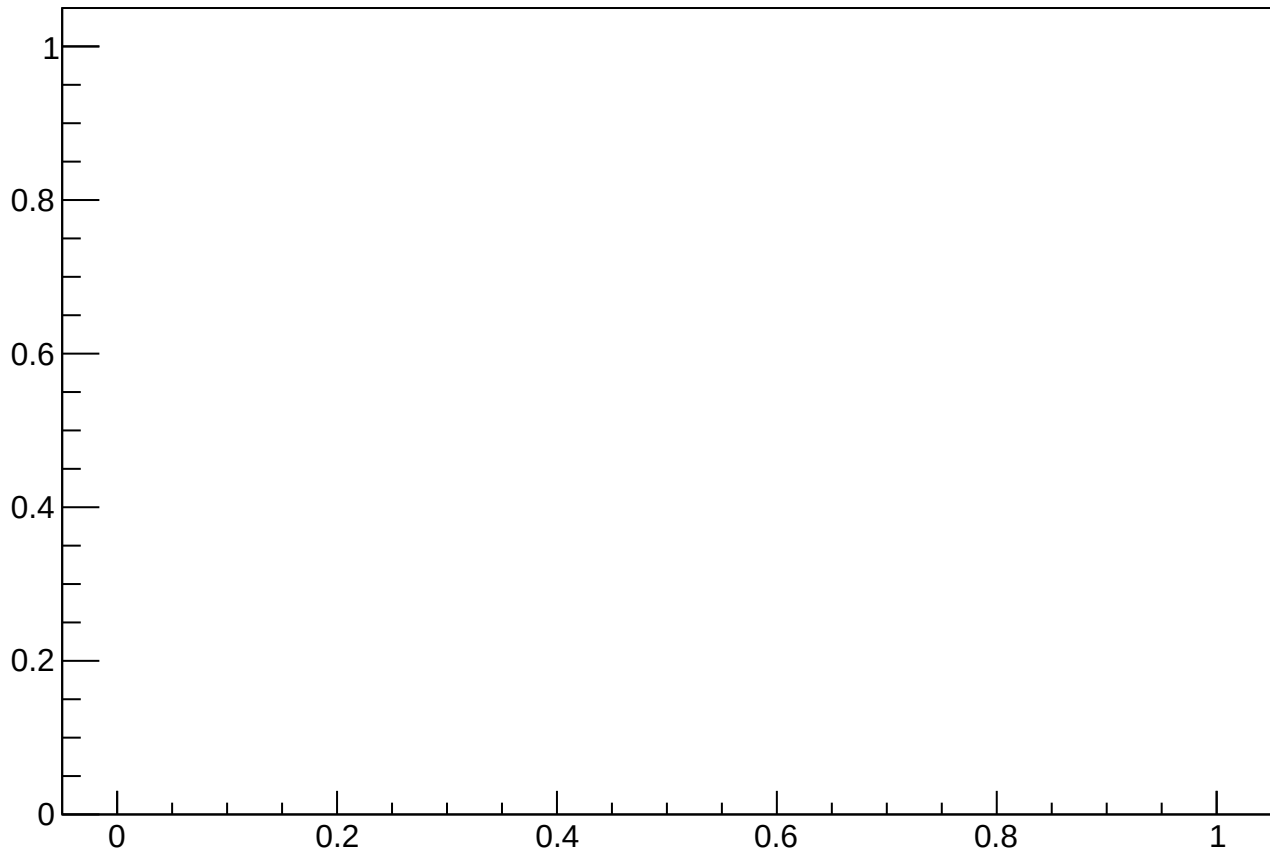
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

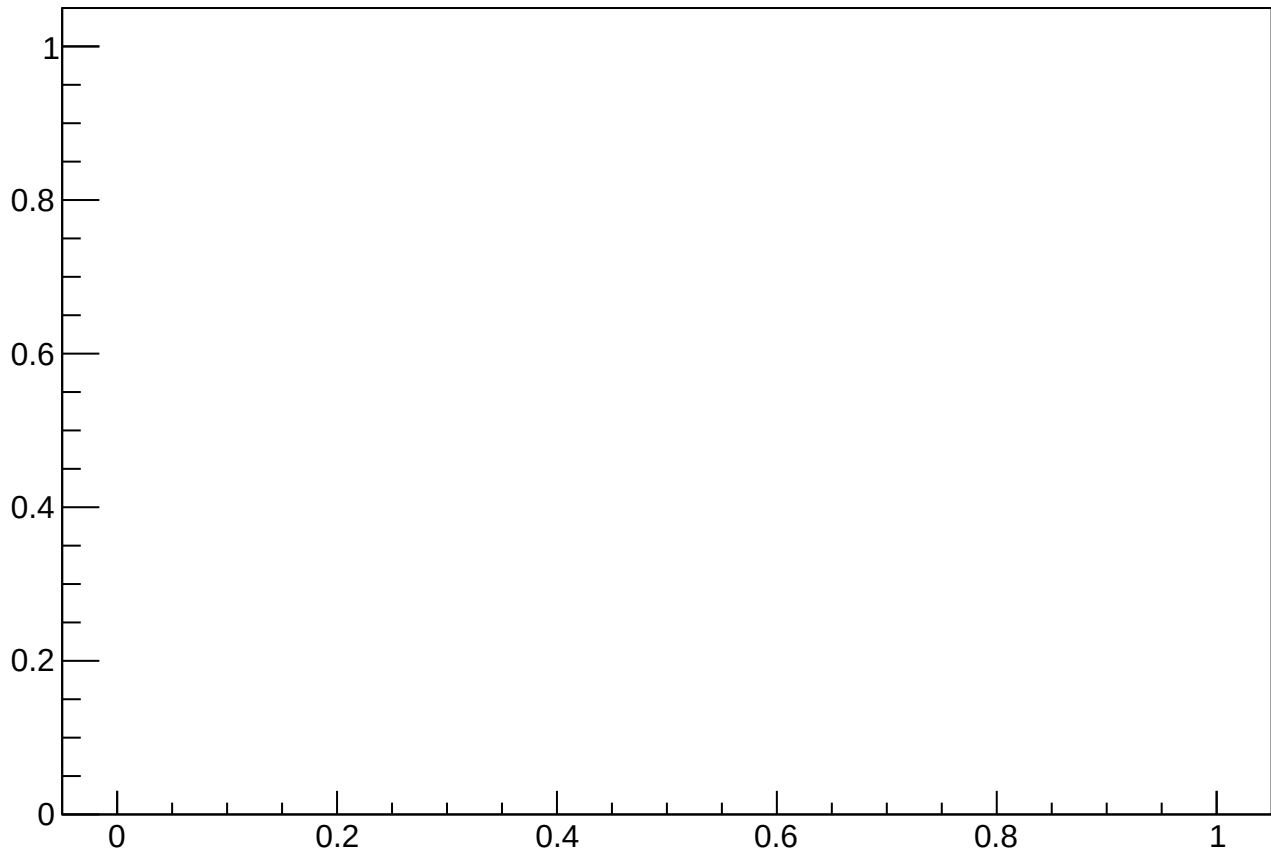
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

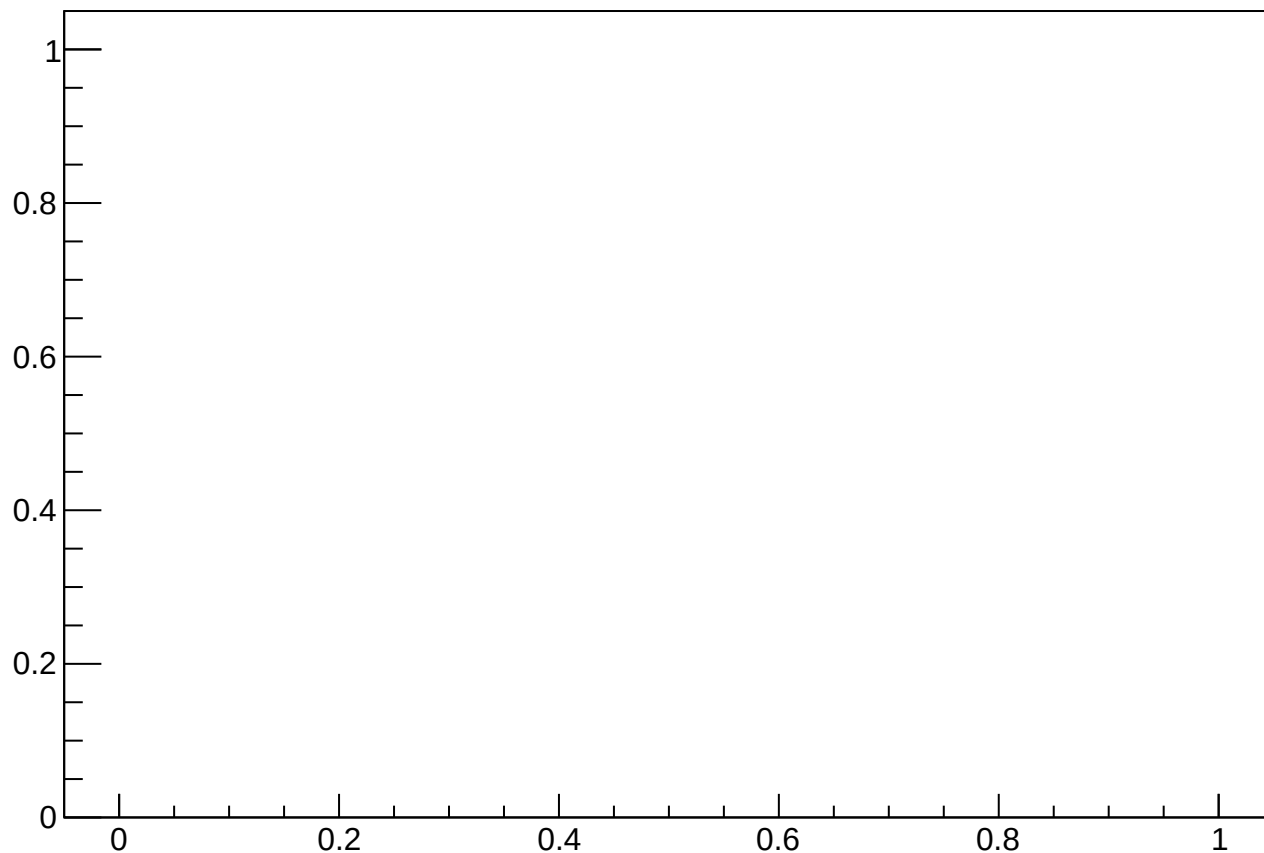
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

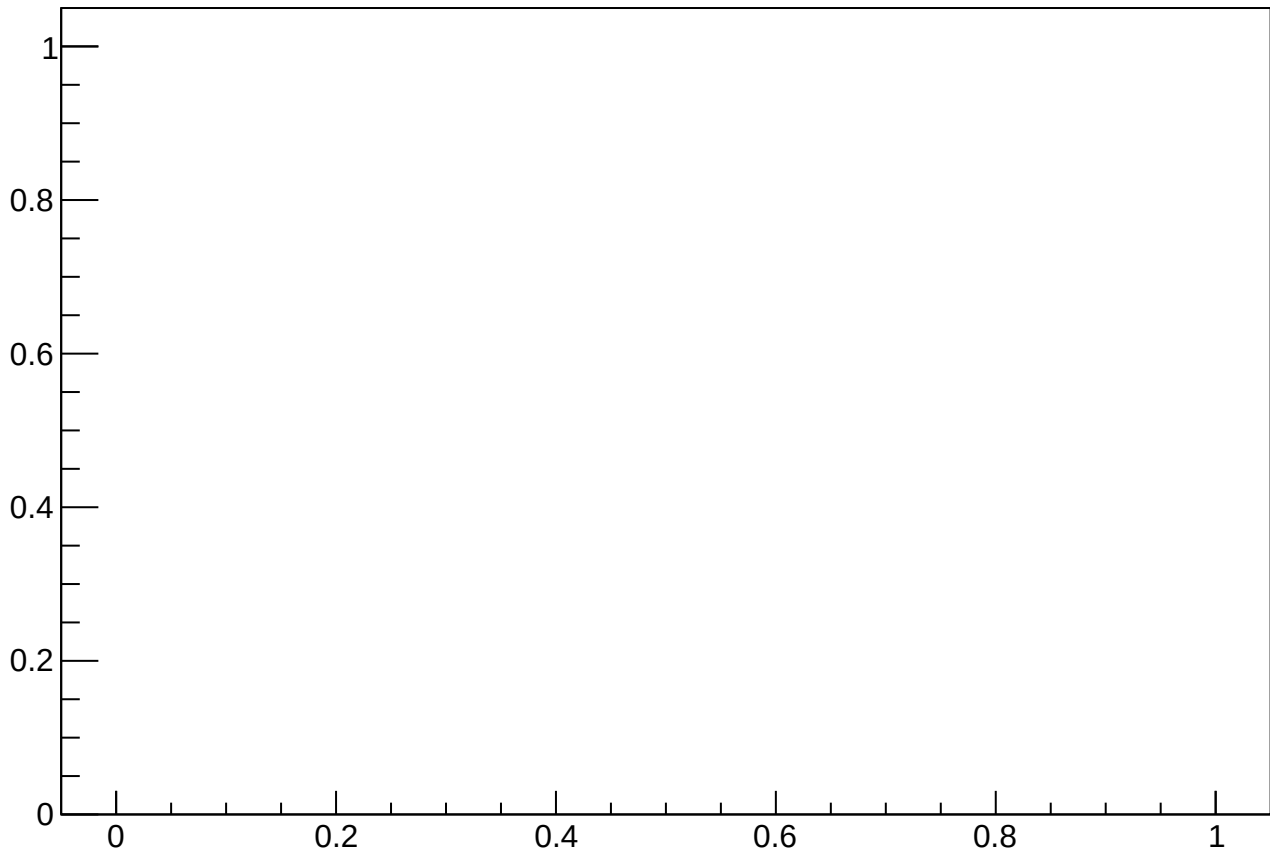
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

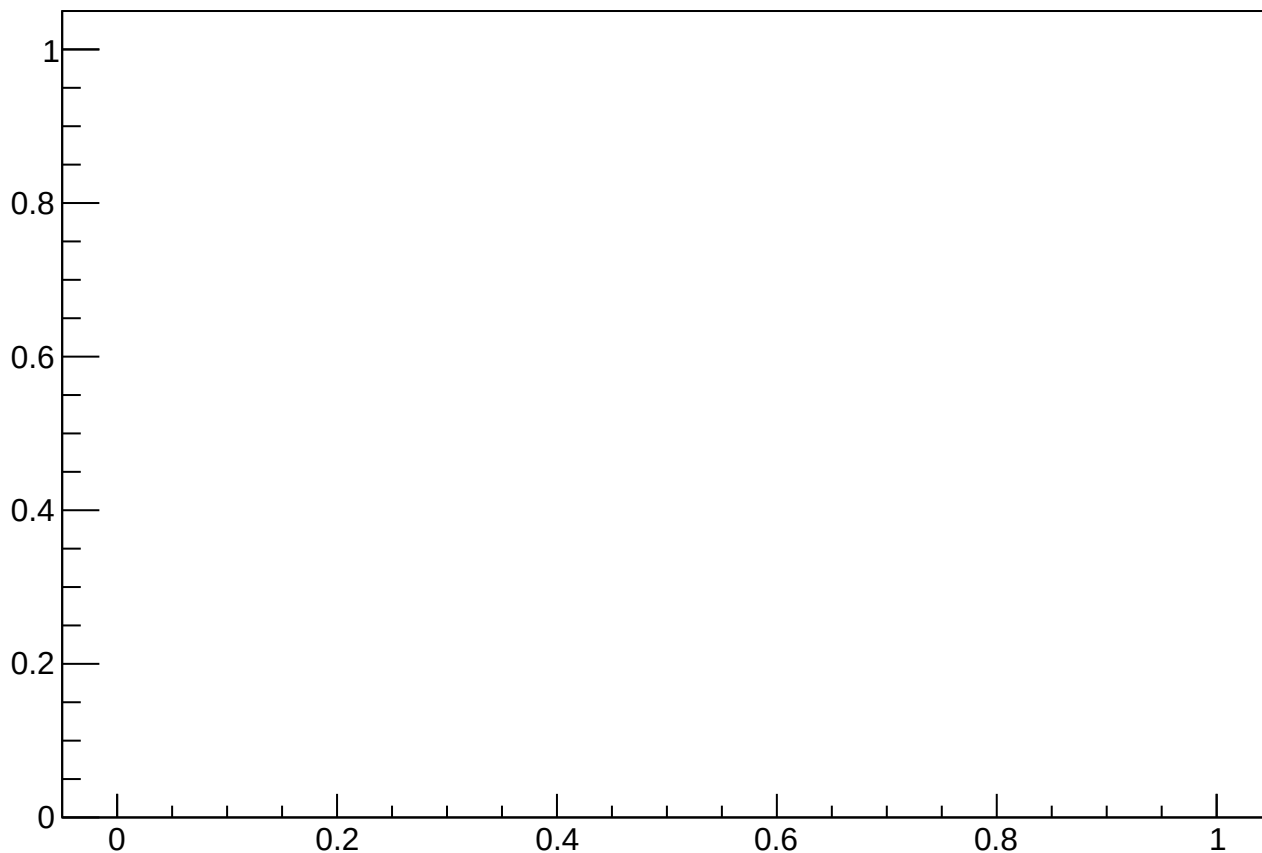
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

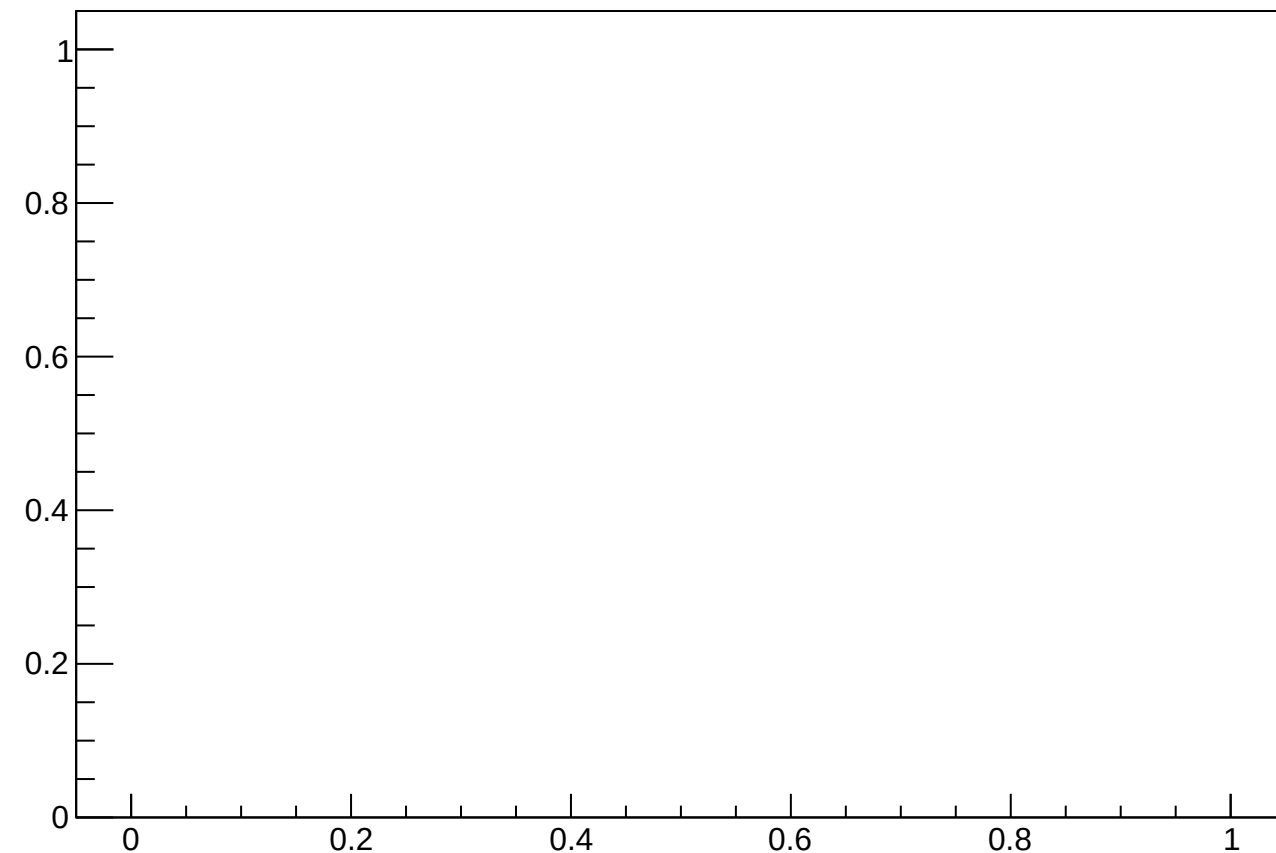
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

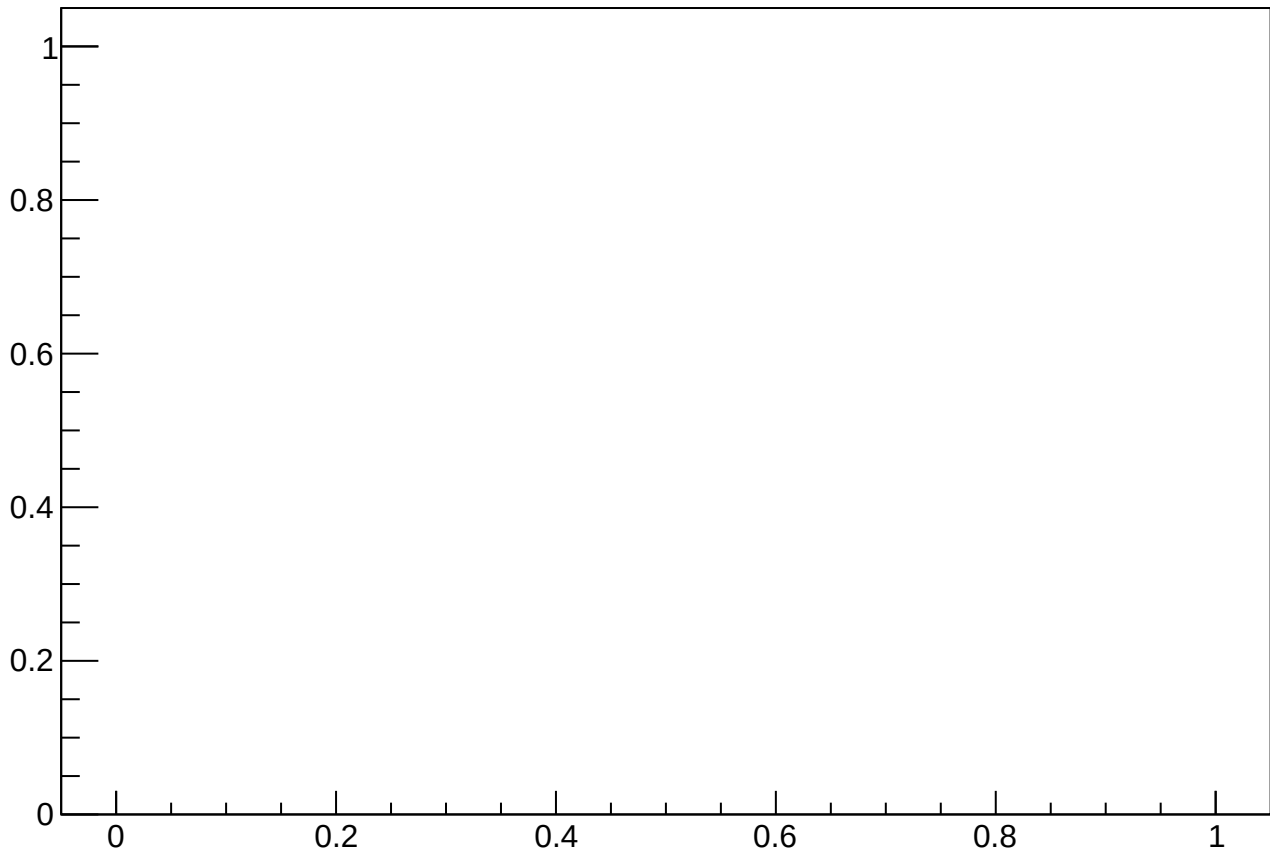
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

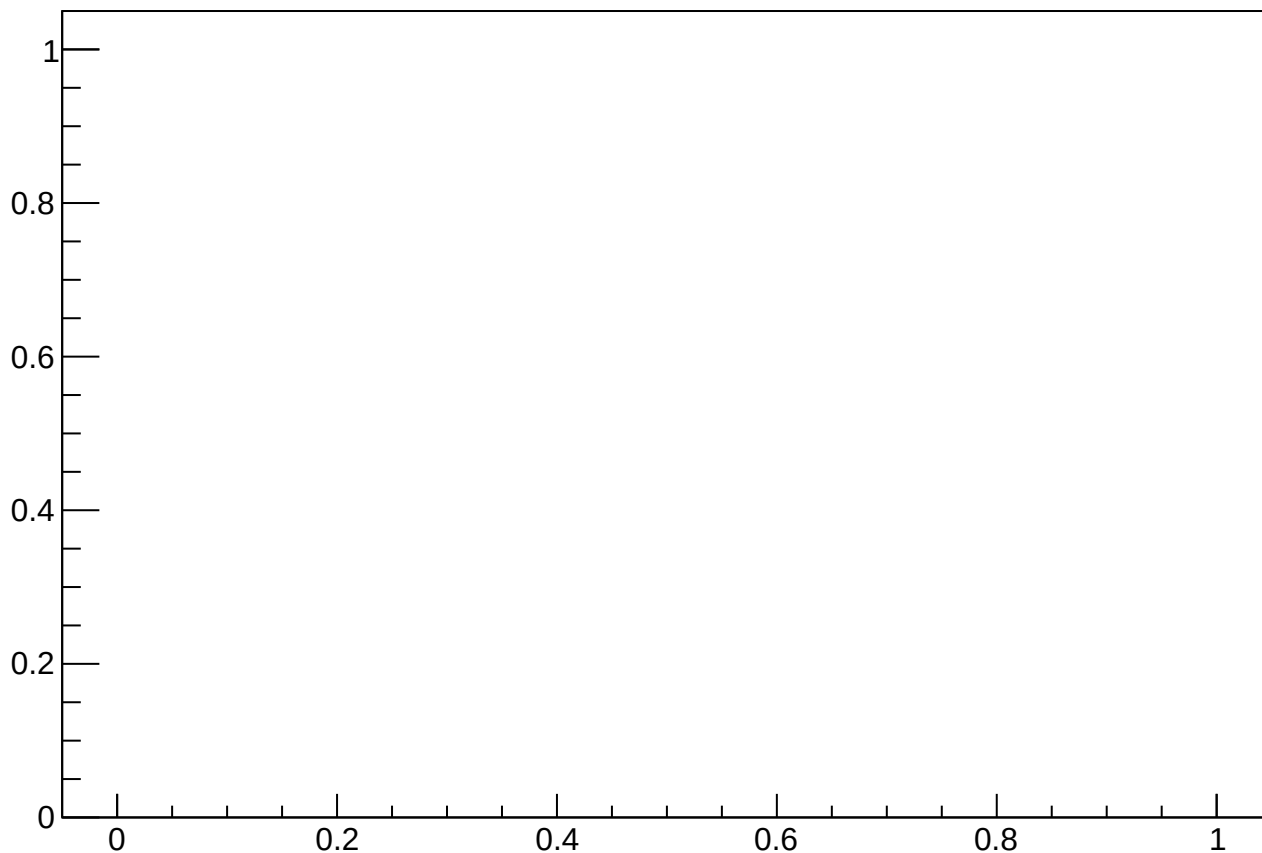
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

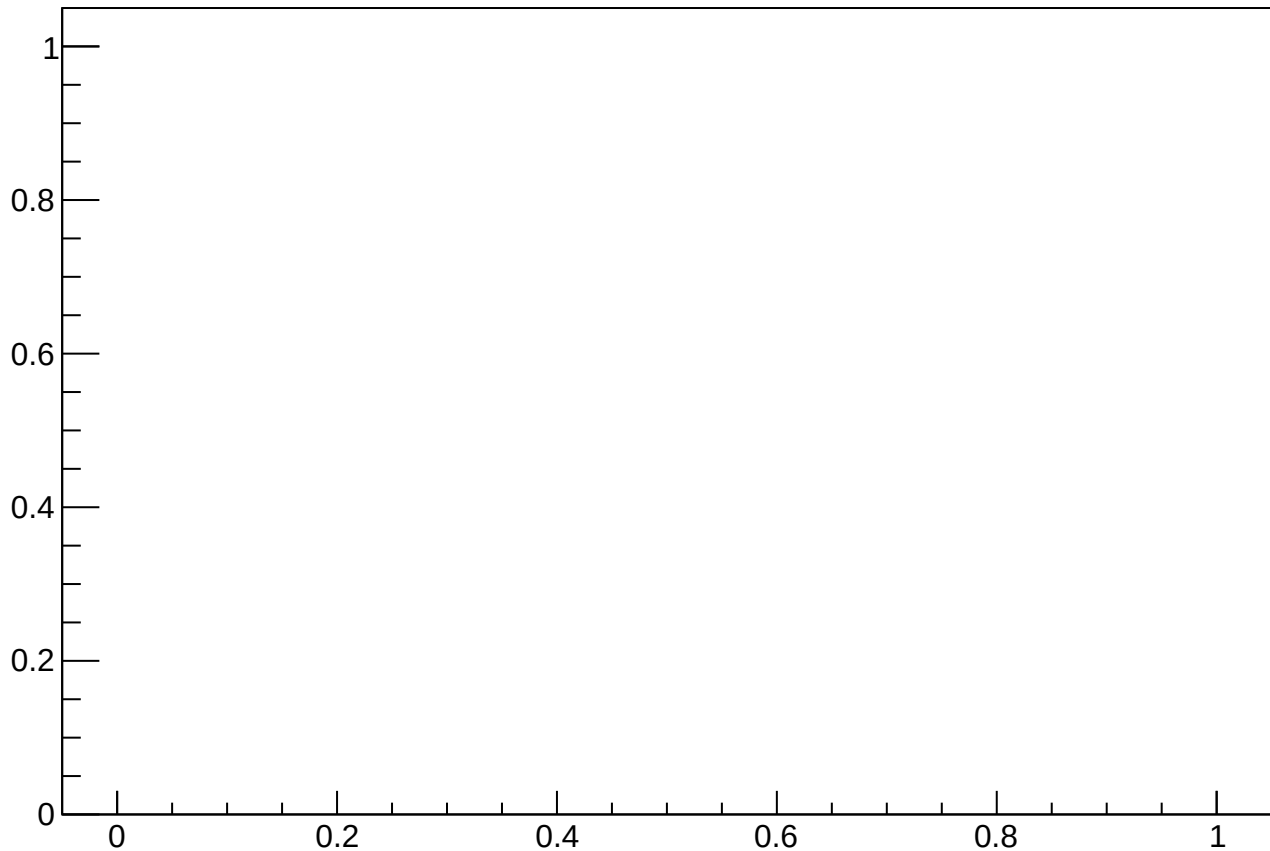
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

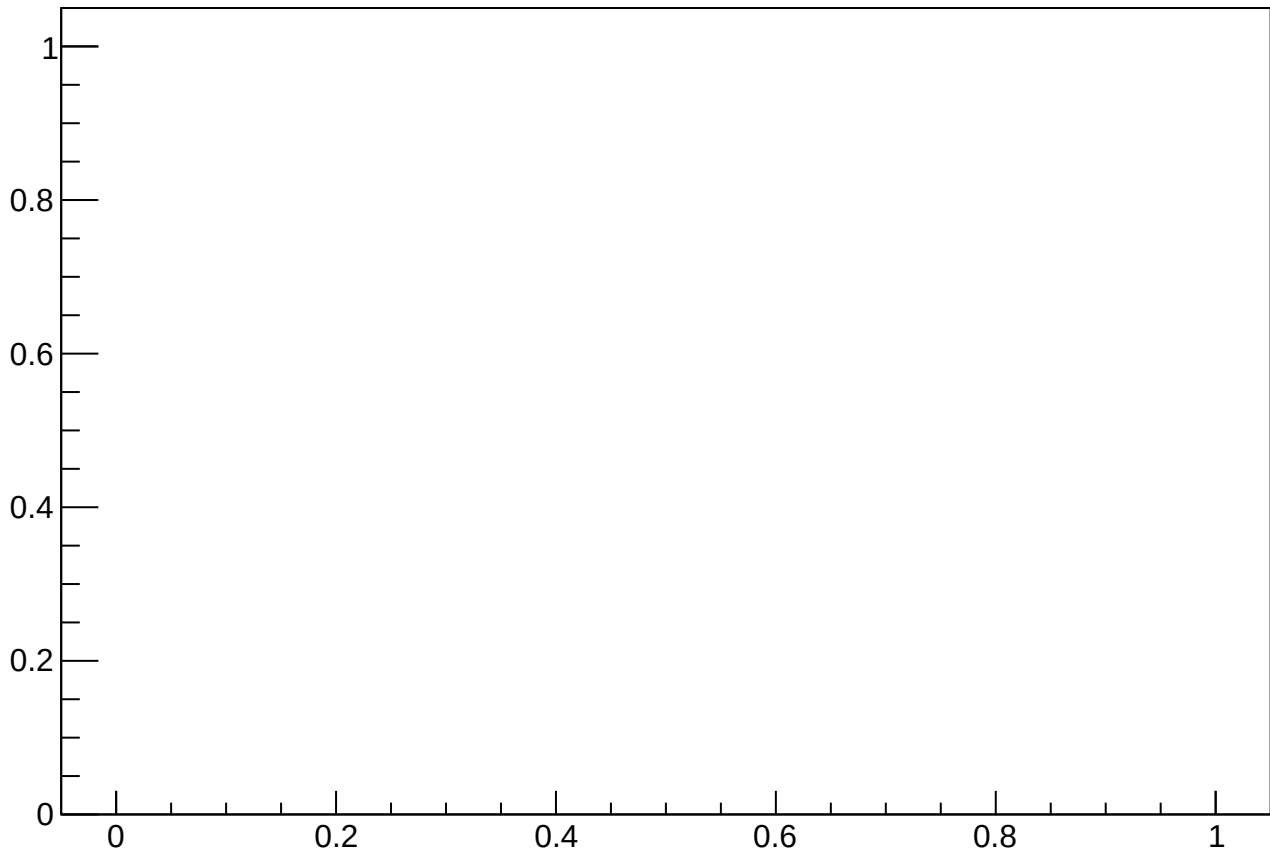
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

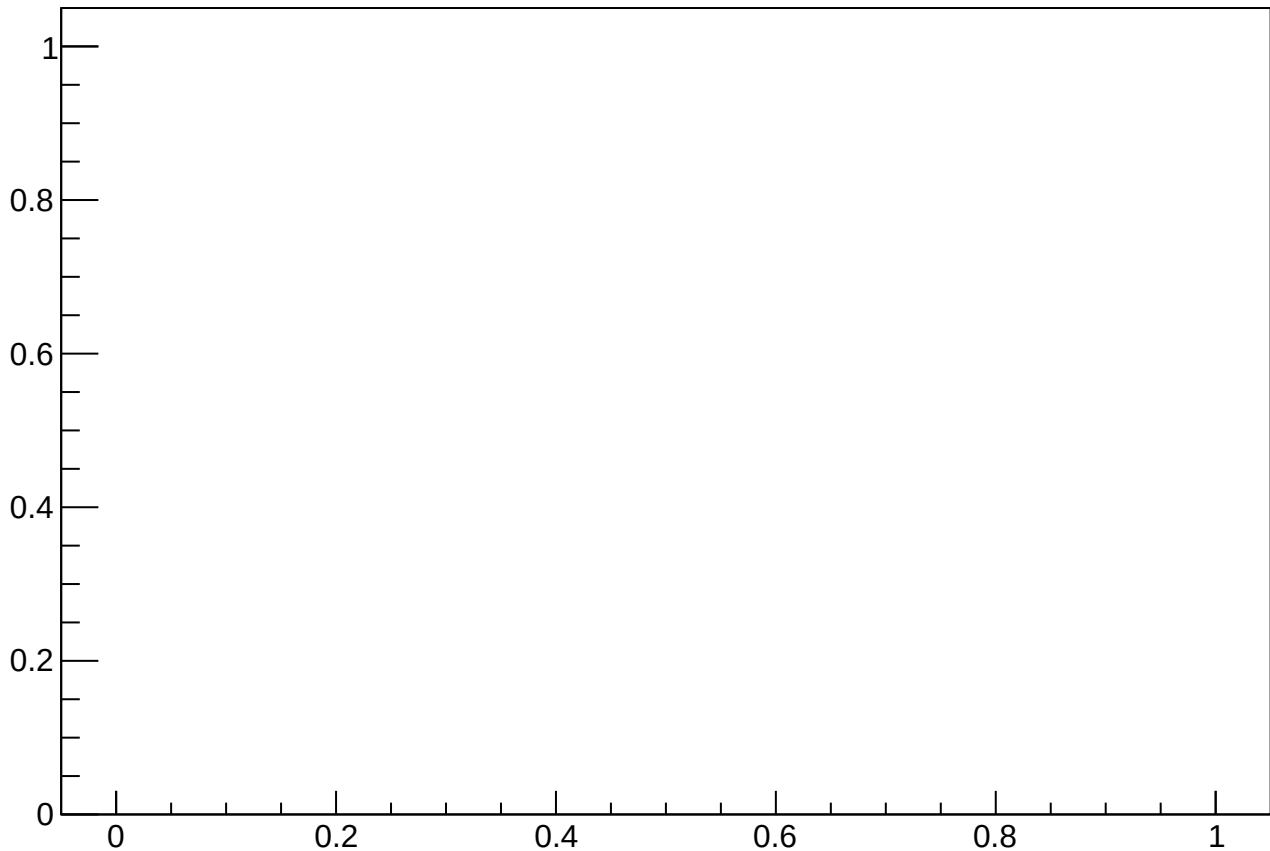
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

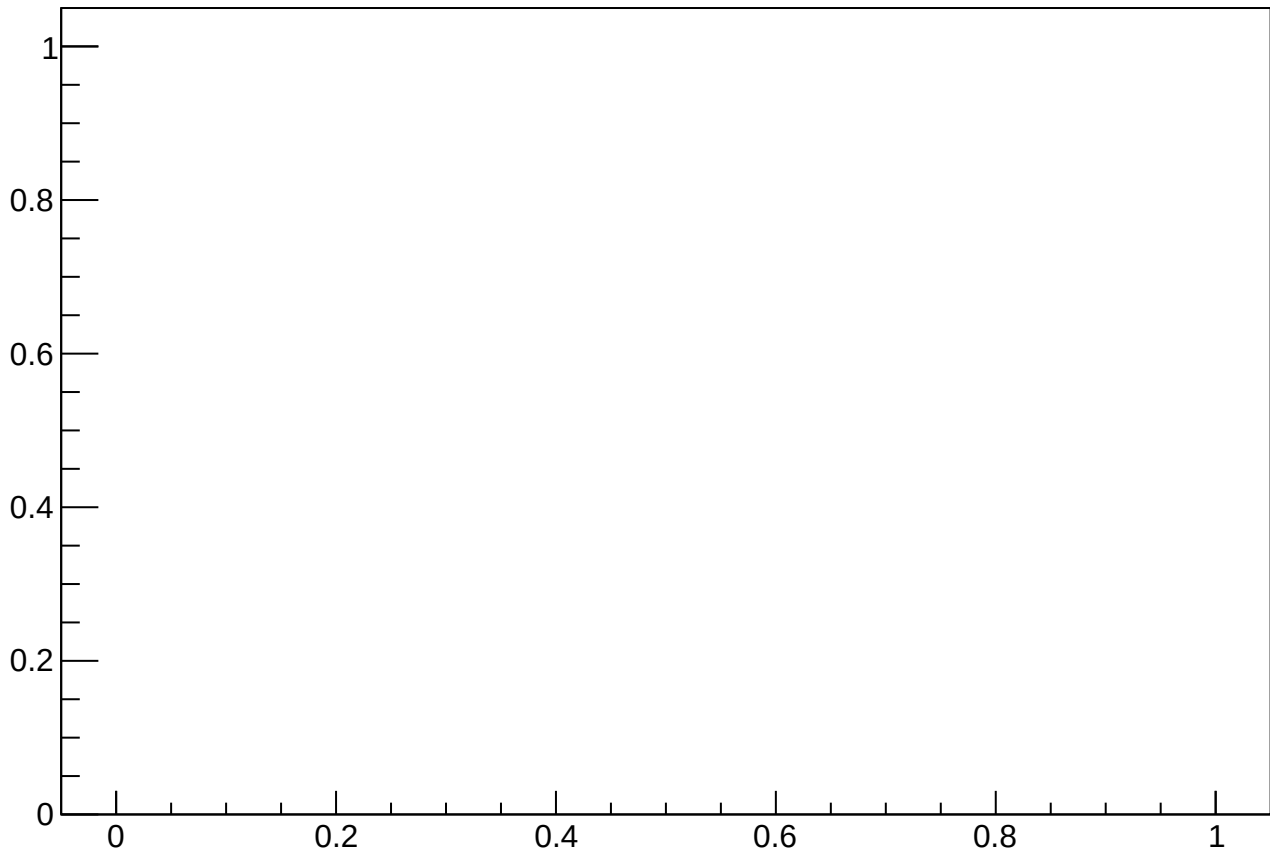
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

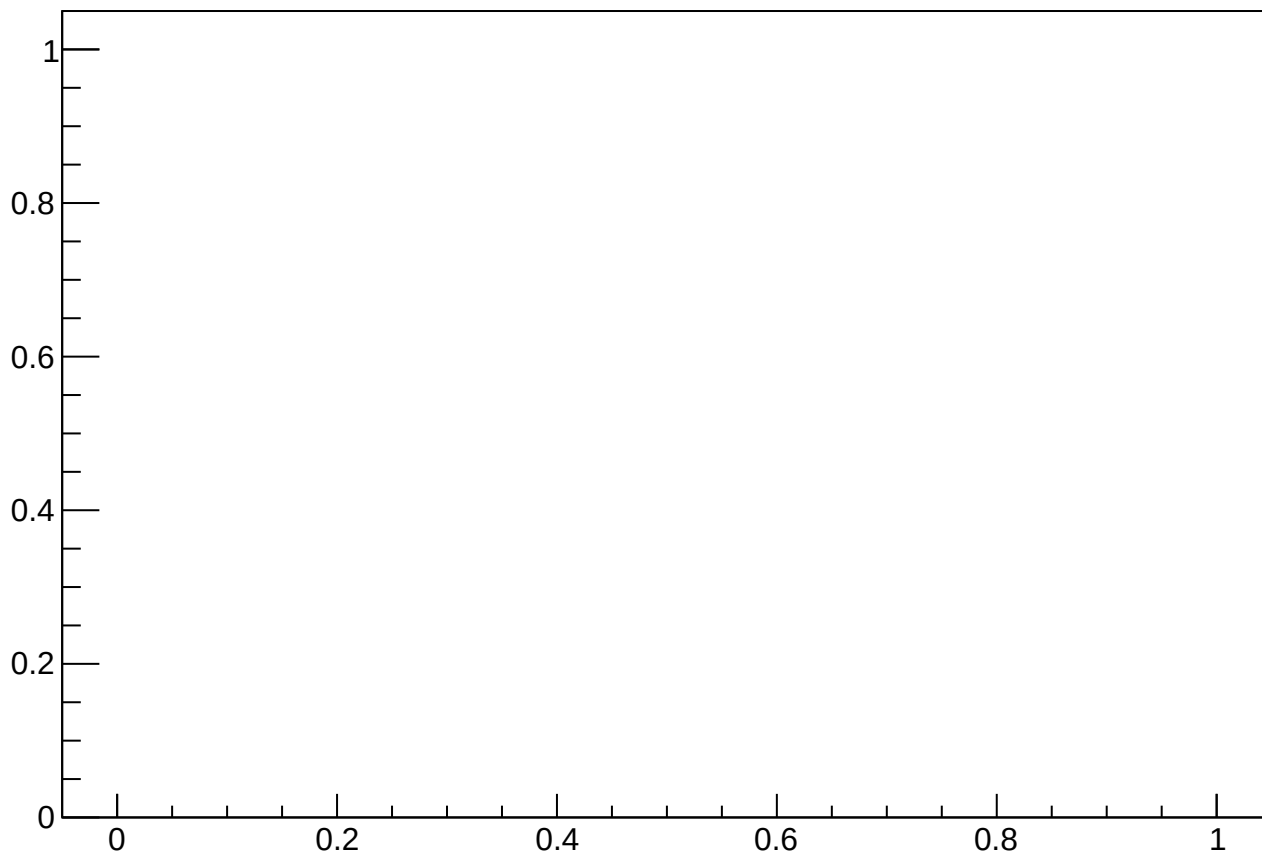
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

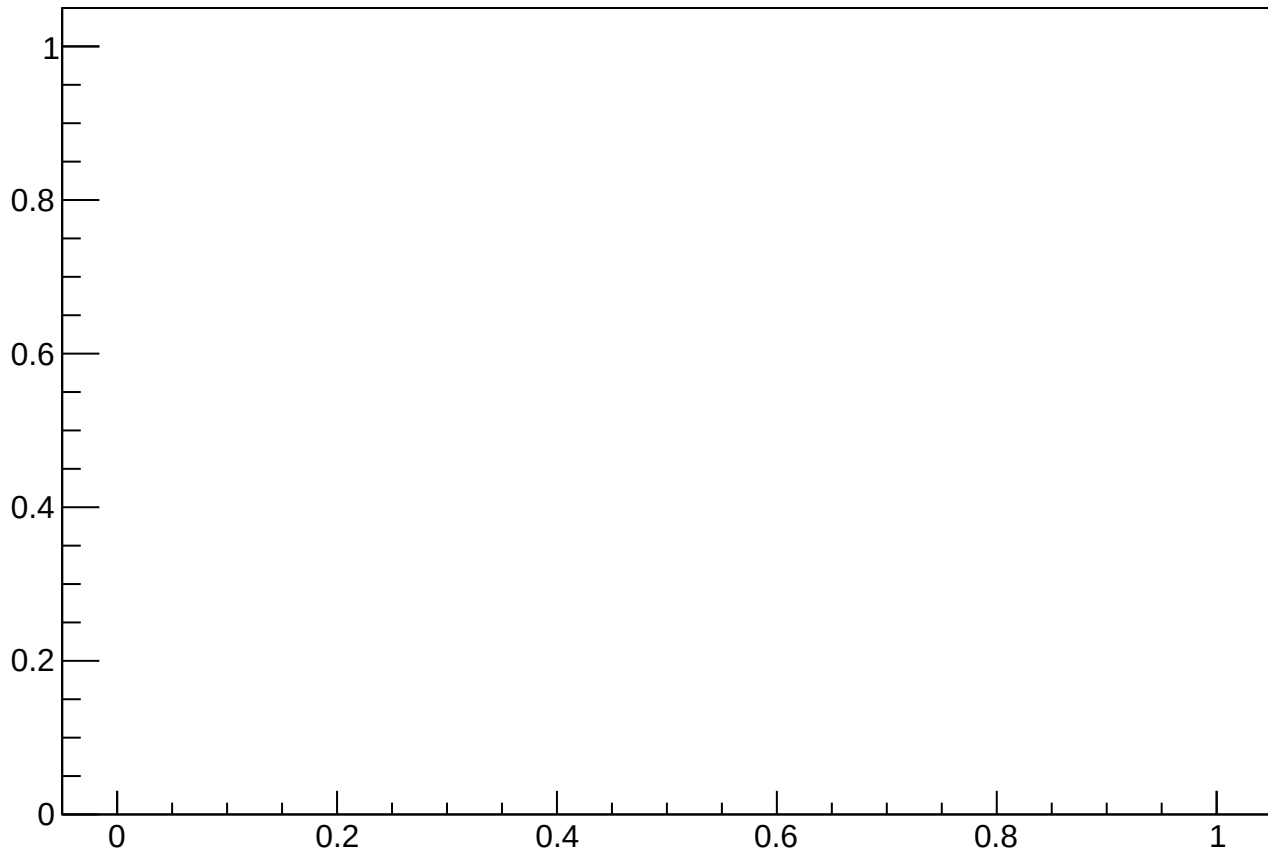
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

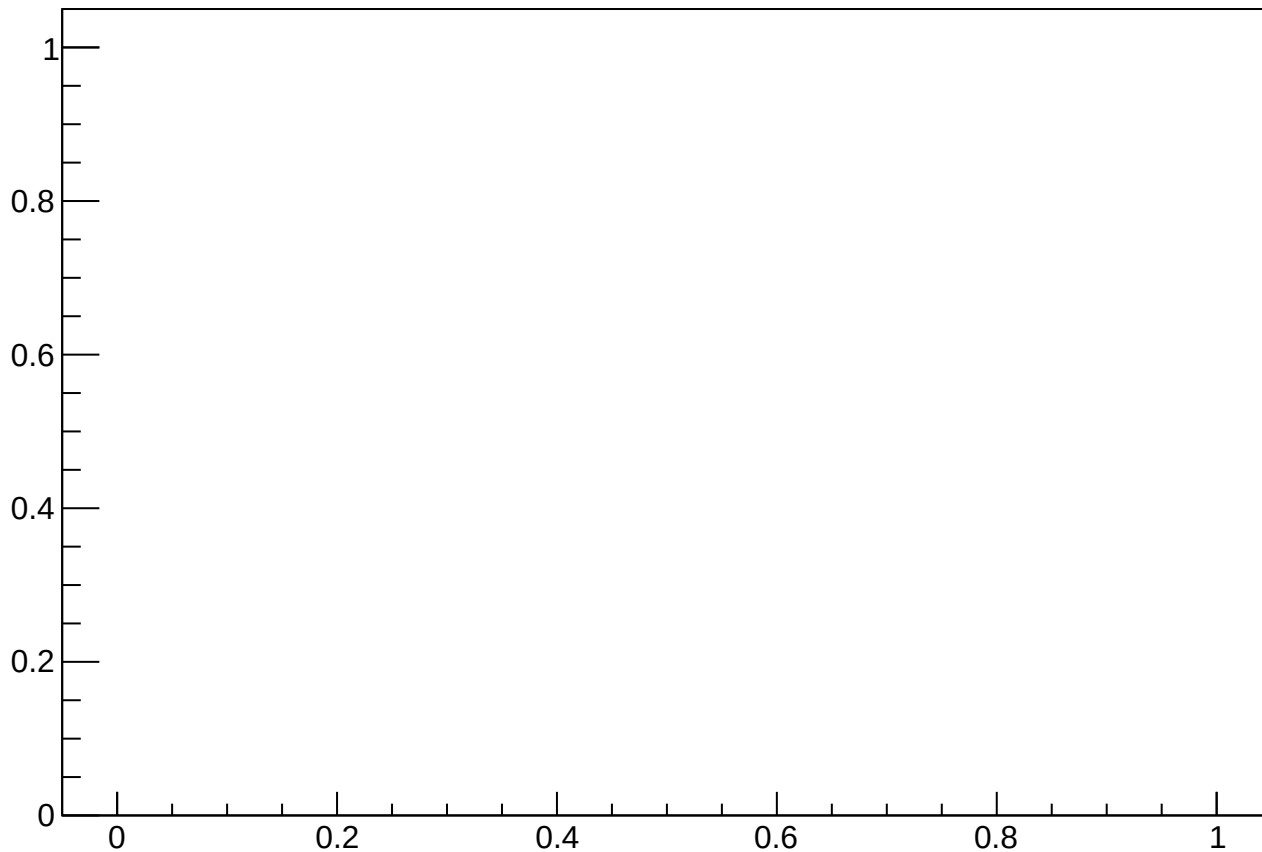
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

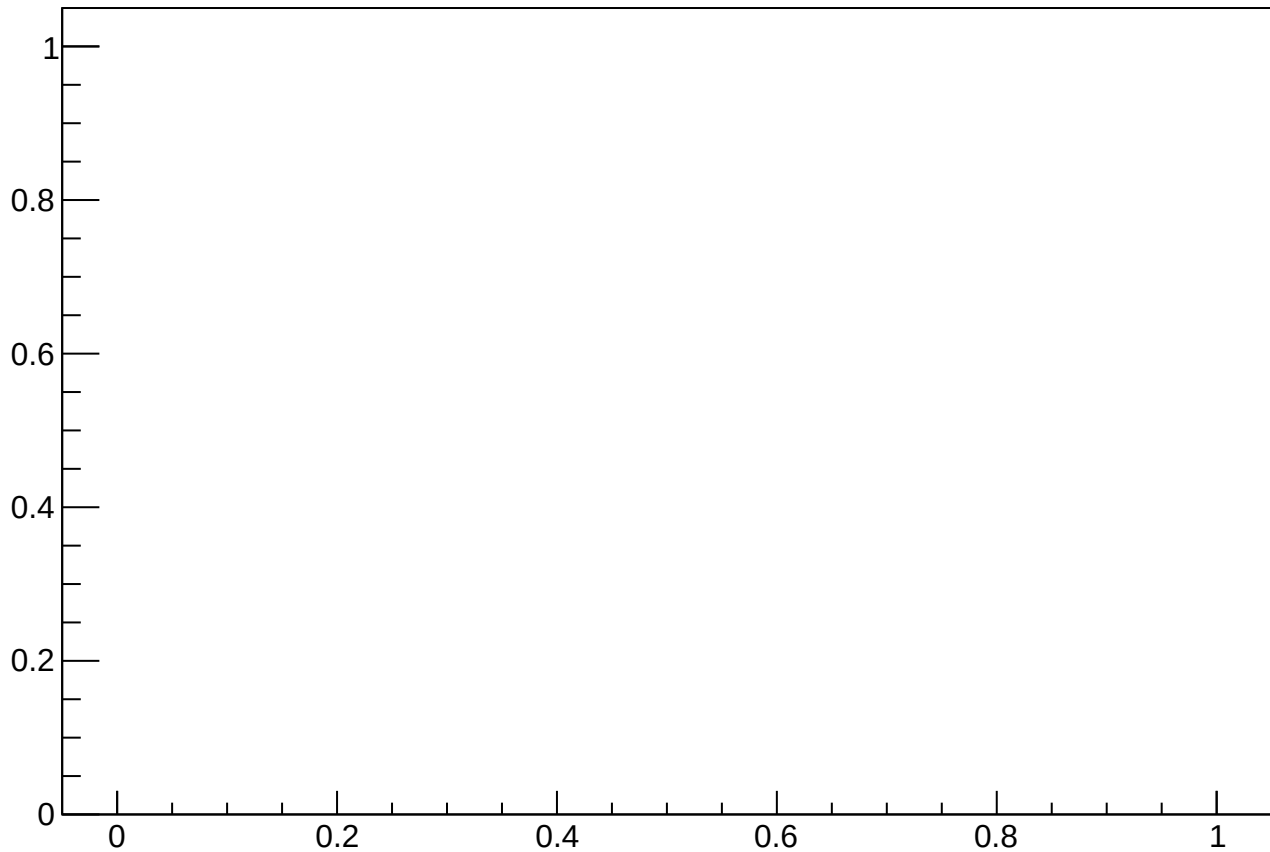
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

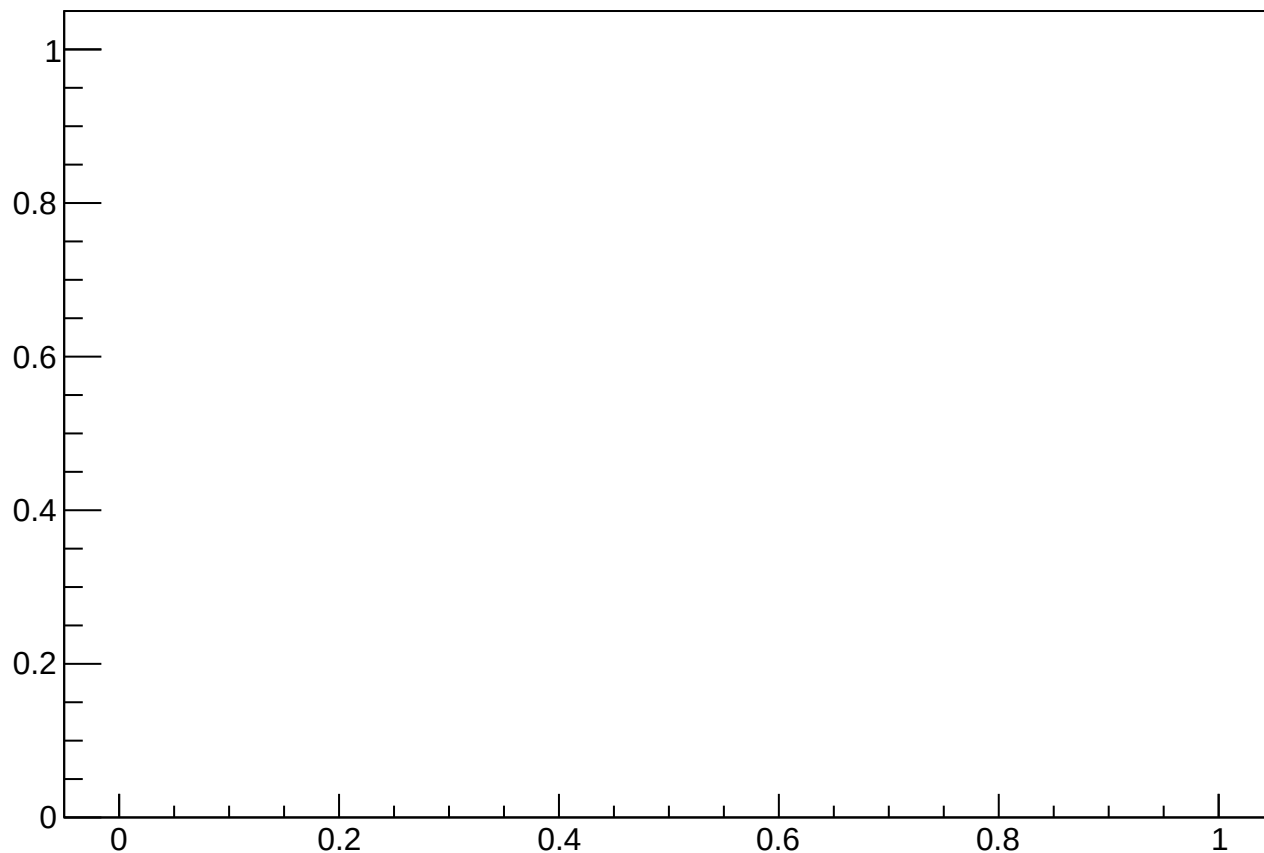
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

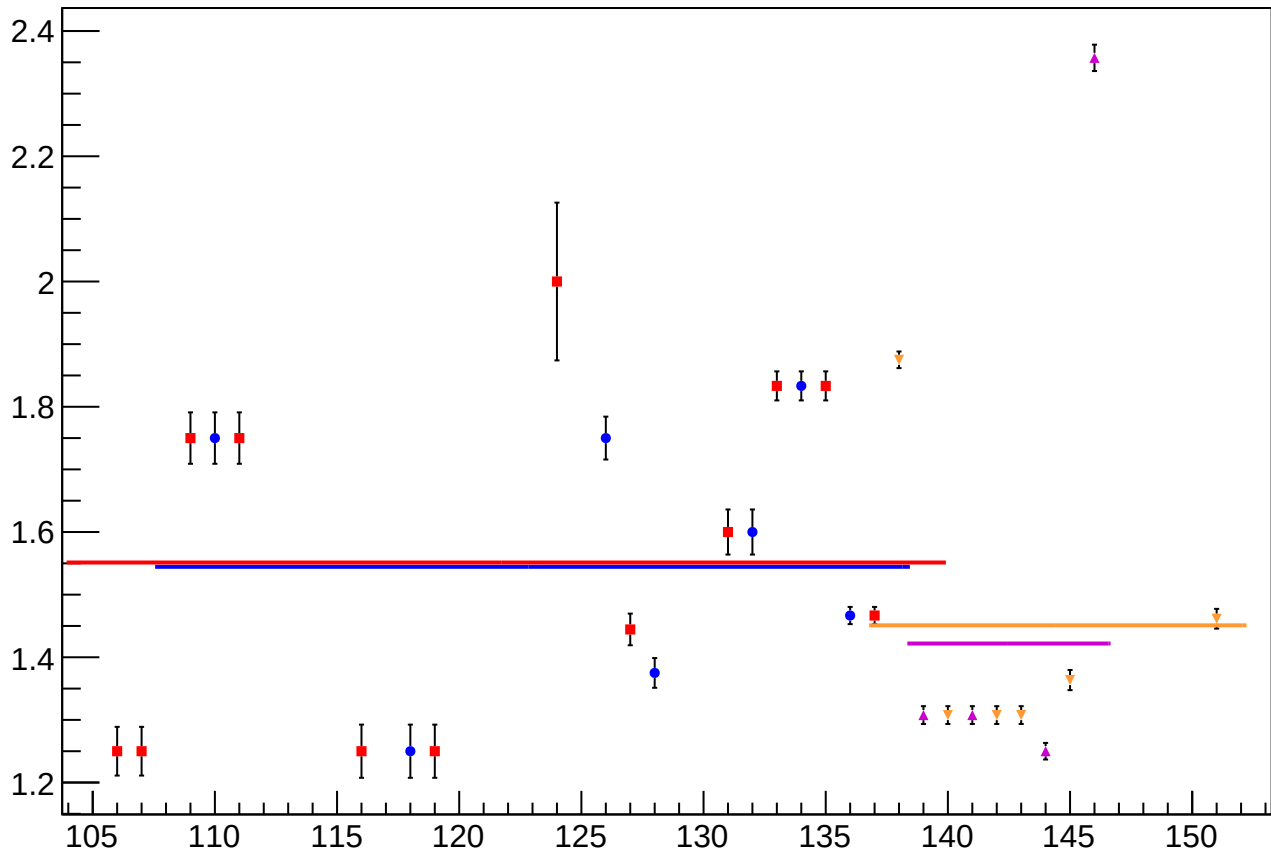
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.422 $\pm$ 0.007 χ^2 /NDF:2269.6/3

Left: 1.440 $\pm$ 0.005 χ^2 /NDF: 3638.9/9

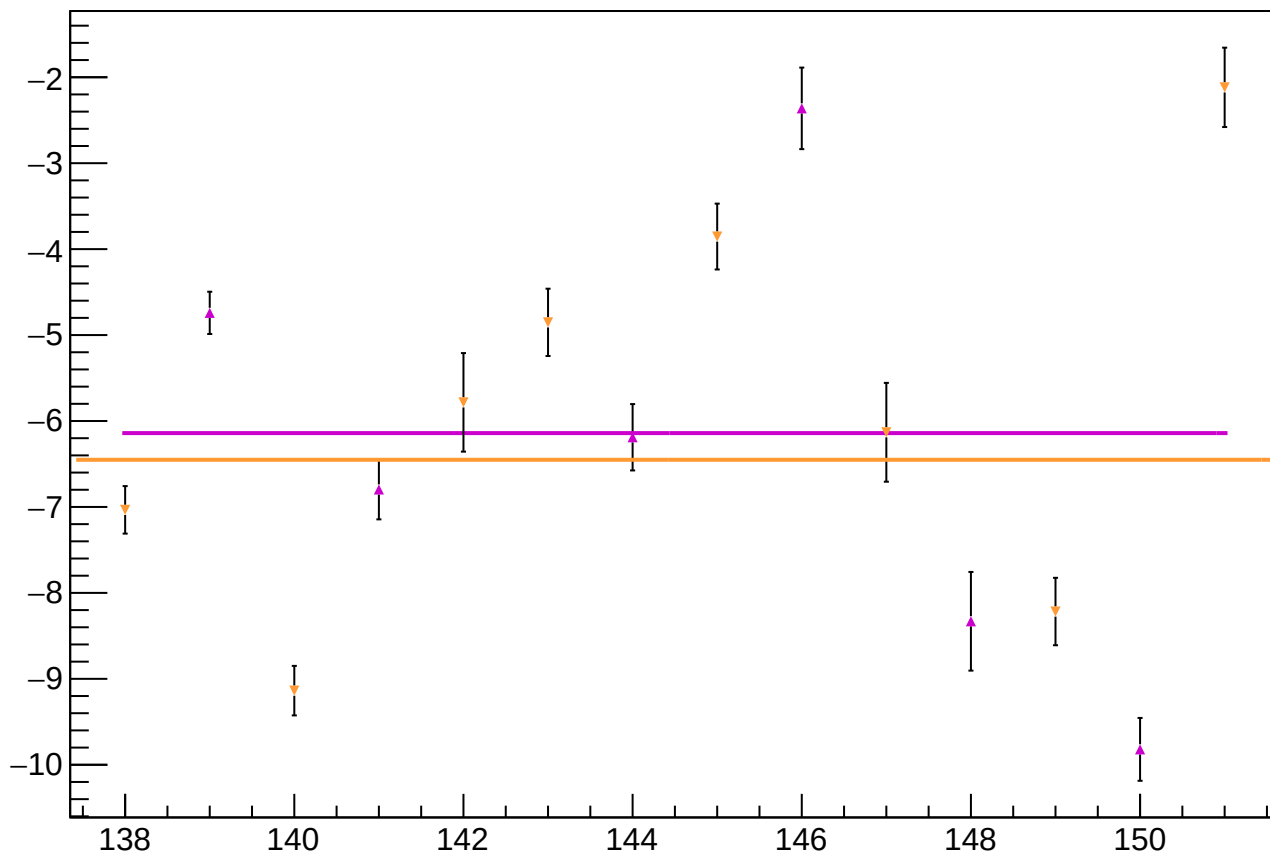
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.470 $\pm$ 0.006 χ^2 /NDF:2725.4/10

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.480 $\pm$ 0.004 χ^2 /NDF: 4822.1/28

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: -6.141+/-0.147 χ^2/NDF :215.1/5

Left: -6.310+/-0.099 χ^2/NDF : 481.6/13

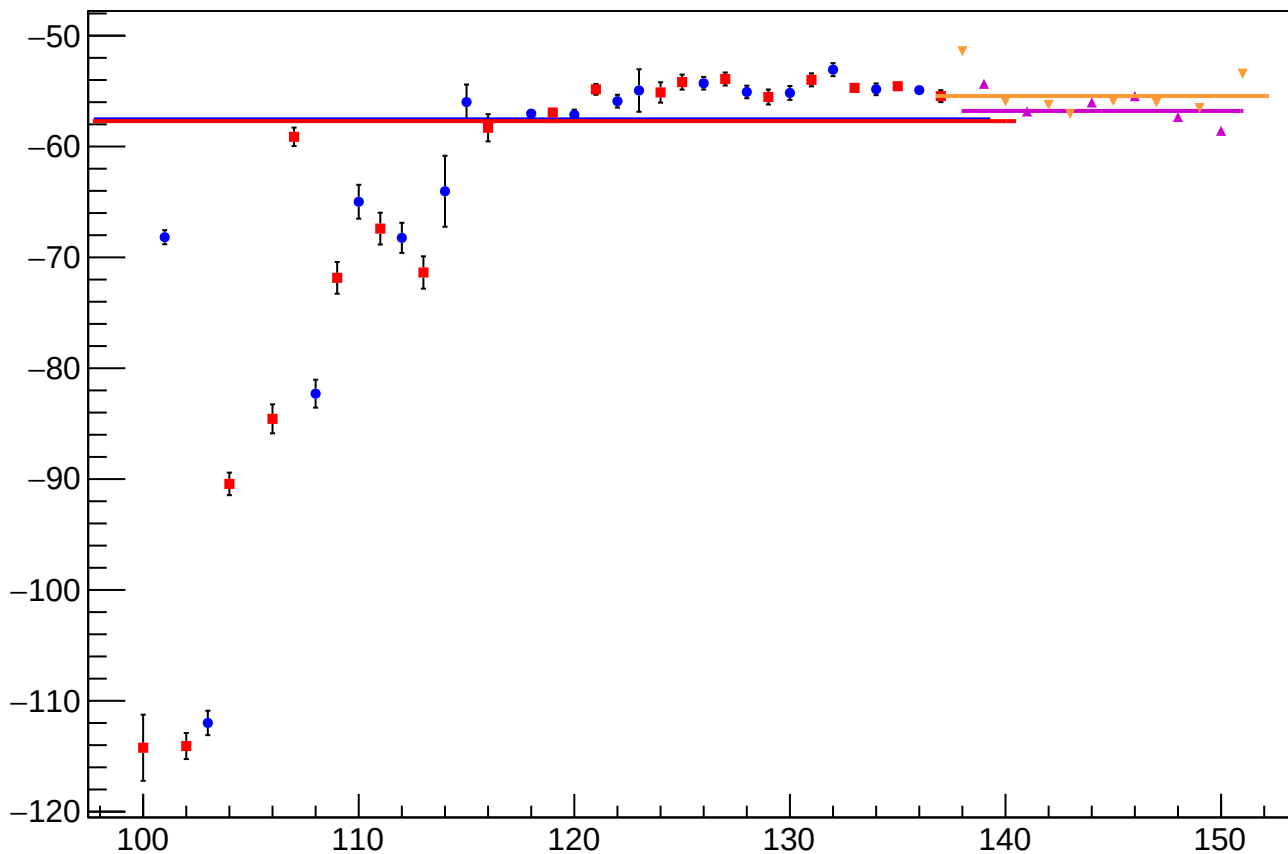
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.141+/-0.147 χ^2/NDF :215.1/5

Out: -6.451+/-0.134 χ^2/NDF :264.0/7

All: -6.310+/-0.099 χ^2/NDF : 481.6/13

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.446 $\pm$ 0.101 χ^2 /NDF:278.0/7

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -56.789 $\pm$ 0.117 χ^2 /NDF:112.2/5

Left: -56.015 $\pm$ 0.076 χ^2 /NDF: 465.8/13

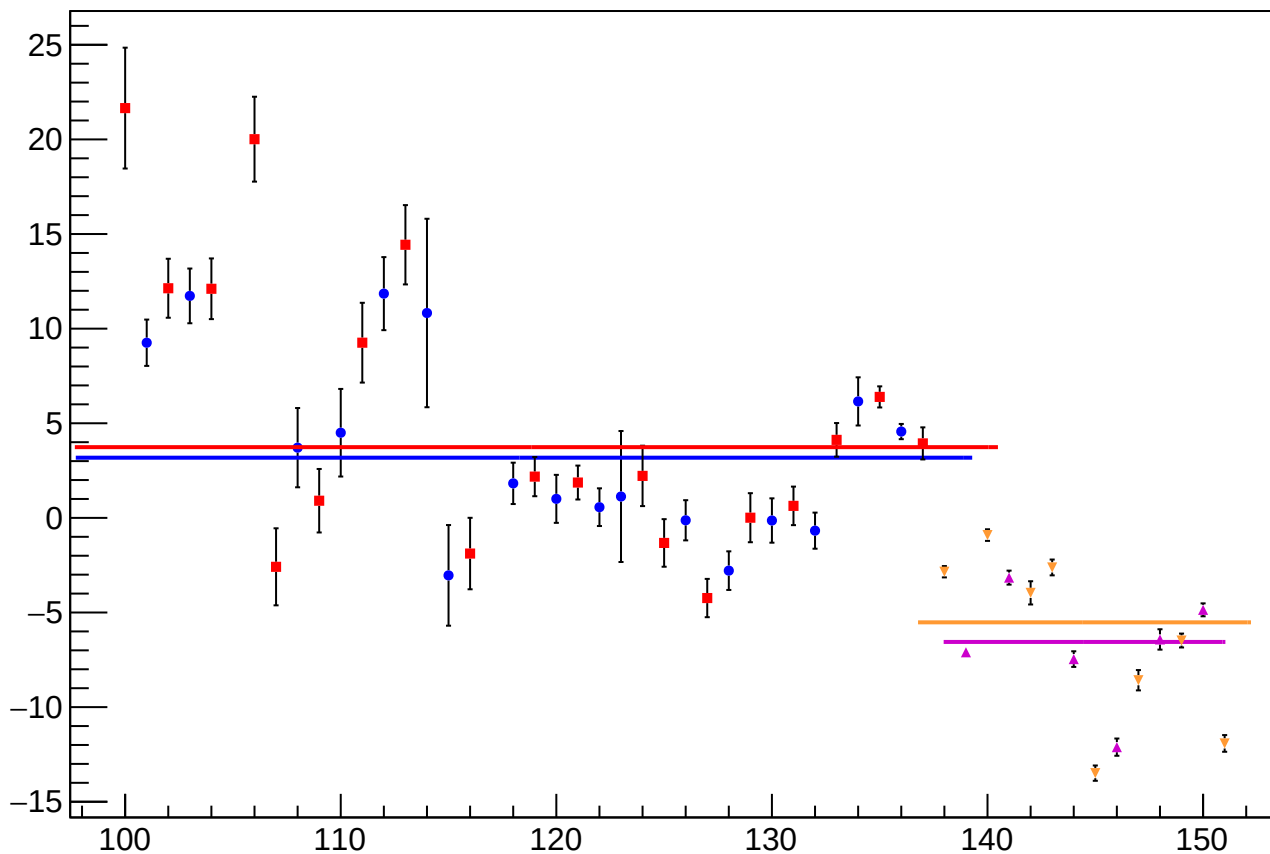
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -57.098 $\pm$ 0.090 χ^2 /NDF:3589.7/22

Out: -56.197 $\pm$ 0.082 χ^2 /NDF:5149.9/26

All: -56.606 $\pm$ 0.061 χ^2 /NDF: 8794.0/49

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -5.520 ± 0.138 $\chi^2/\text{NDF}: 997.8/7$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -6.555 ± 0.151 $\chi^2/\text{NDF}: 267.0/5$

Left: -5.994 ± 0.102 $\chi^2/\text{NDF}: 1290.4/13$

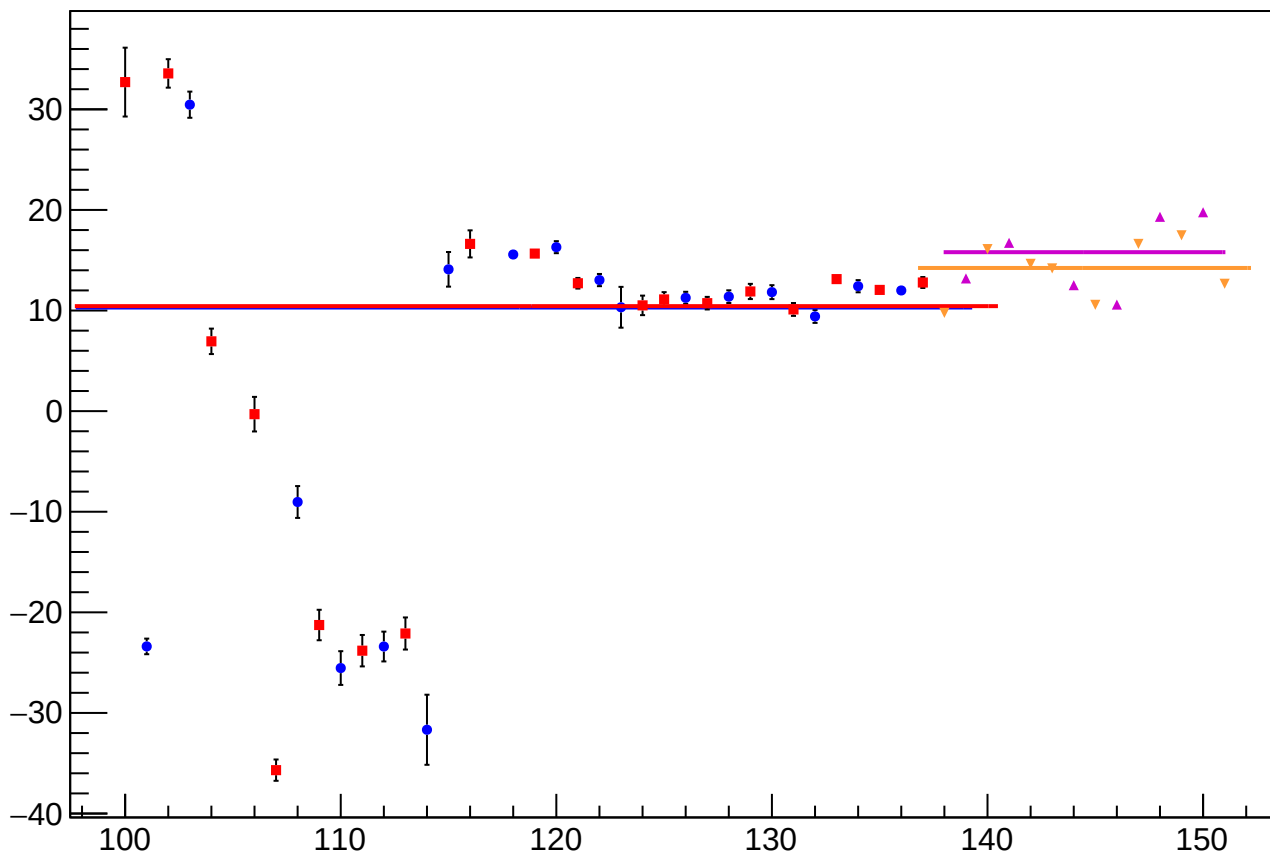
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -4.081 ± 0.130 $\chi^2/\text{NDF}: 1514.6/22$

Out: -3.559 ± 0.123 $\chi^2/\text{NDF}: 2266.8/26$

All: -3.805 ± 0.089 $\chi^2/\text{NDF}: 3789.9/49$

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: 15.801+/-0.140 χ^2 /NDF:604.4/5

Left: 14.908+/-0.092 χ^2 /NDF: 1151.5/13

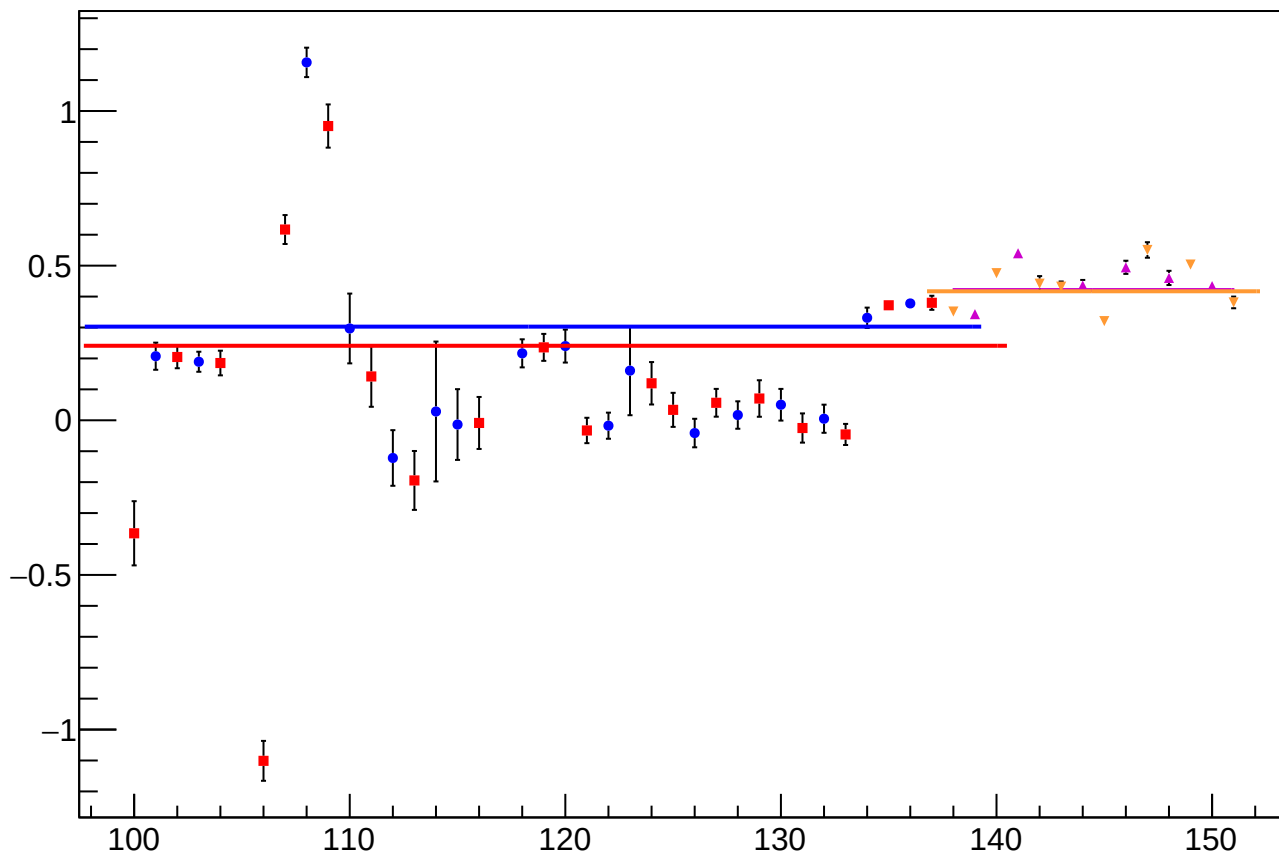
Right: 10.368+/-0.112 χ^2 /NDF: 7528.5/35

In: 13.371+/-0.104 χ^2 /NDF:4989.0/22

Out: 12.840+/-0.097 χ^2 /NDF:4661.6/26

All: 13.085+/-0.071 χ^2 /NDF: 9664.5/49

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.417 $\pm$ 0.006 χ^2 /NDF:152.1/7

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.421 $\pm$ 0.006 χ^2 /NDF:149.0/5

Left: 0.419 $\pm$ 0.004 χ^2 /NDF: 301.3/13

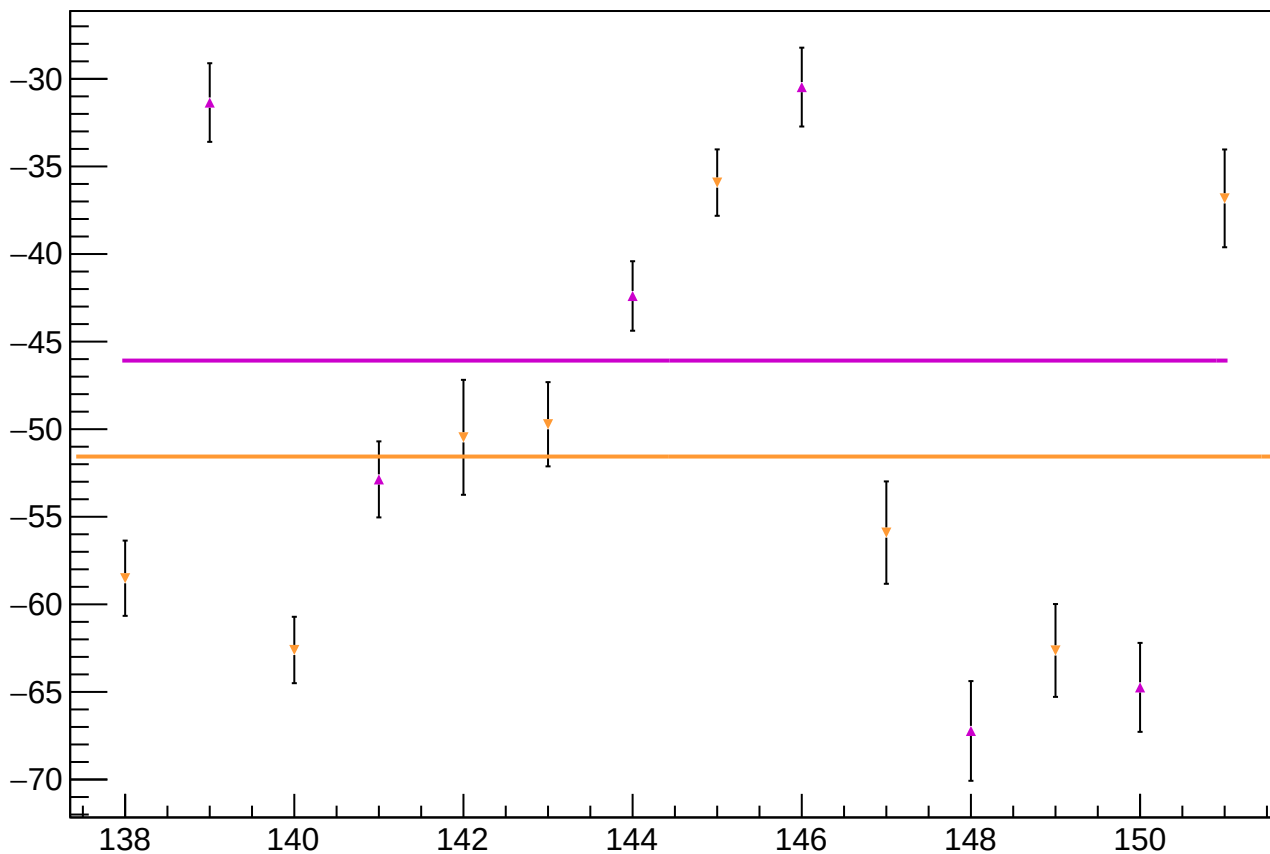
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.380 $\pm$ 0.005 χ^2 /NDF:932.0/22

Out: 0.362 $\pm$ 0.005 χ^2 /NDF:1437.7/26

All: 0.371 $\pm$ 0.003 χ^2 /NDF: 2376.5/49

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: -46.083+/-0.936 χ^2/NDF :213.6/5

Left: -49.128+/-0.624 χ^2/NDF : 393.3/13

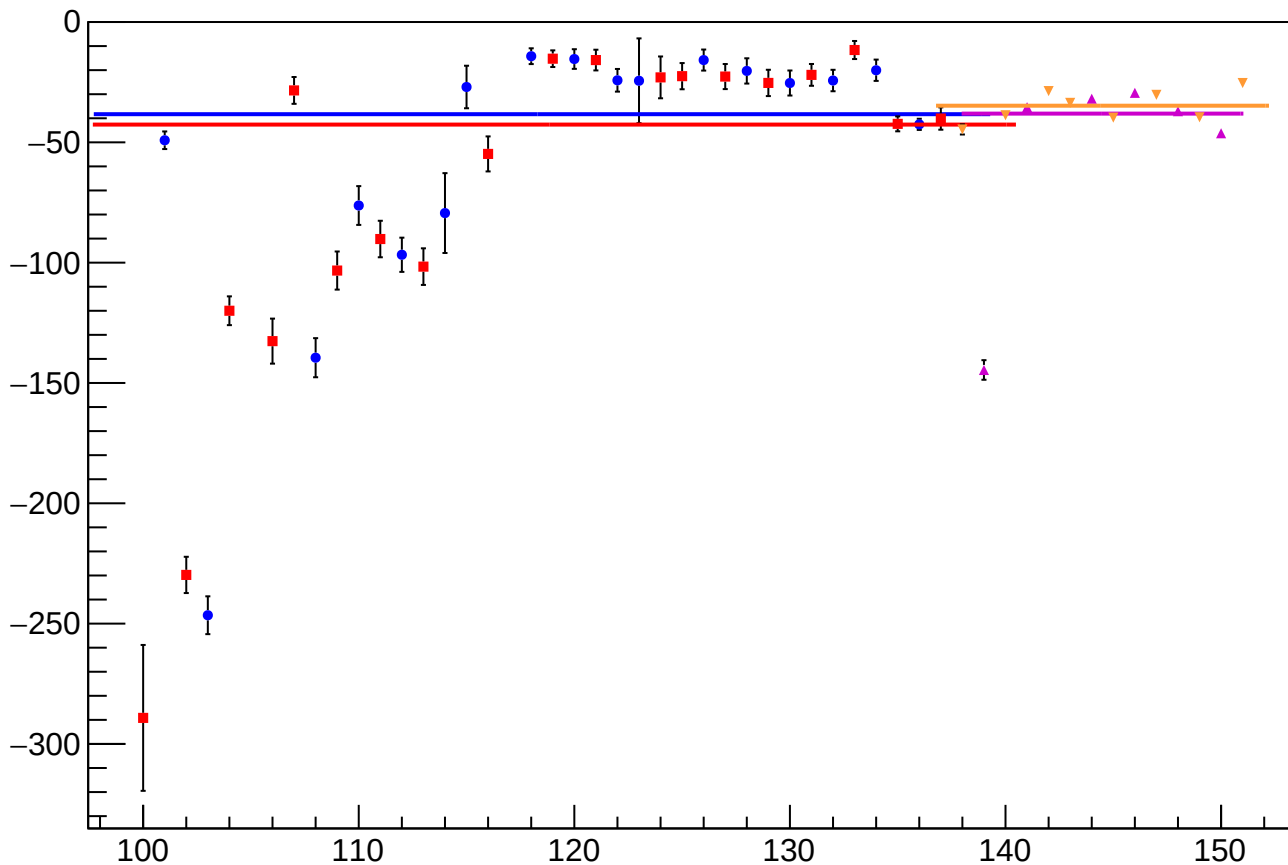
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.083+/-0.936 χ^2/NDF :213.6/5

Out: -51.562+/-0.837 χ^2/NDF :160.7/7

All: -49.128+/-0.624 χ^2/NDF : 393.3/13

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: -38.064 ± 0.651 $\chi^2/\text{NDF}: 768.8/5$

Left: -36.249 ± 0.436 $\chi^2/\text{NDF}: 882.3/13$

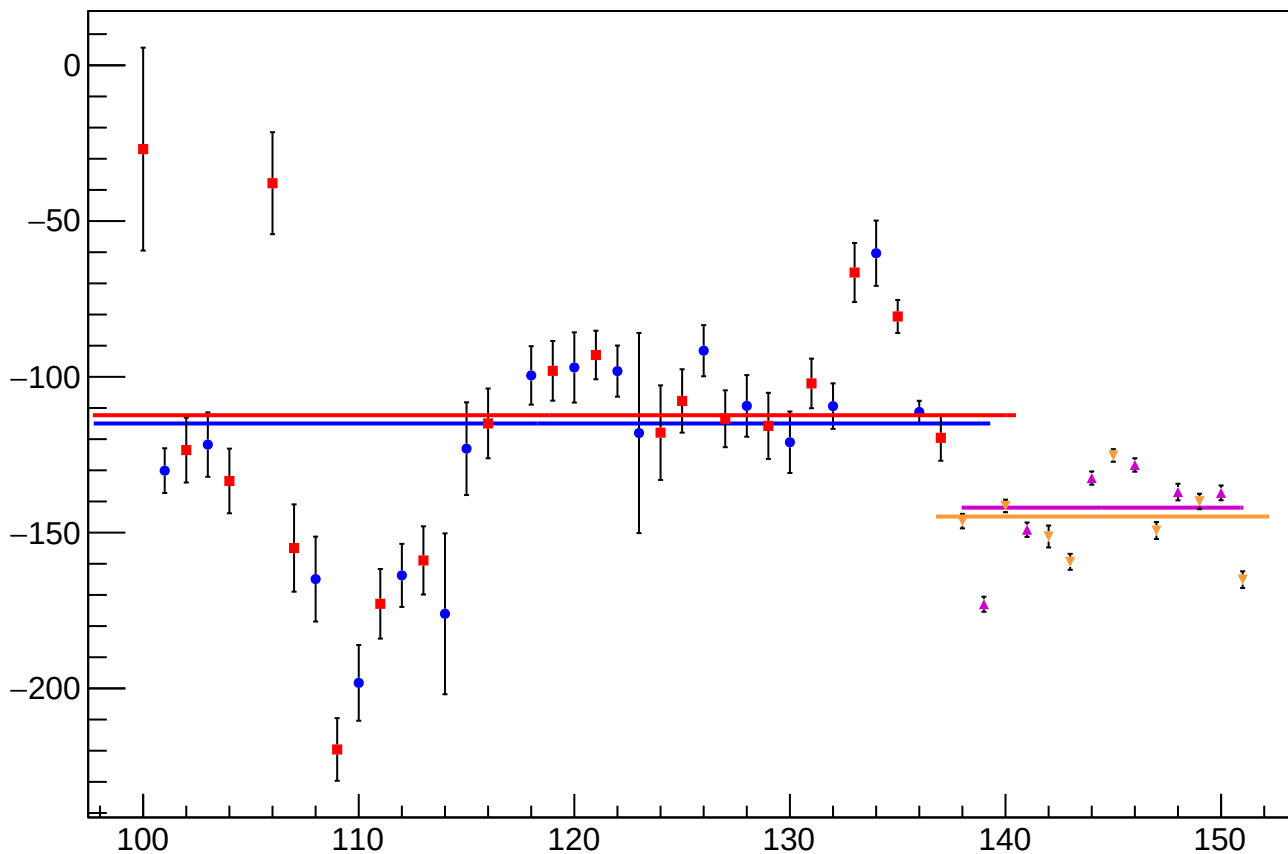
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -38.123 ± 0.565 $\chi^2/\text{NDF}: 1901.6/22$

Out: -36.273 ± 0.528 $\chi^2/\text{NDF}: 1478.0/26$

All: -37.134 ± 0.386 $\chi^2/\text{NDF}: 3385.3/49$

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: -141.983 ± 0.949 $\chi^2/\text{NDF}: 240.1/5$

Left: -143.546 ± 0.638 $\chi^2/\text{NDF}: 442.0/13$

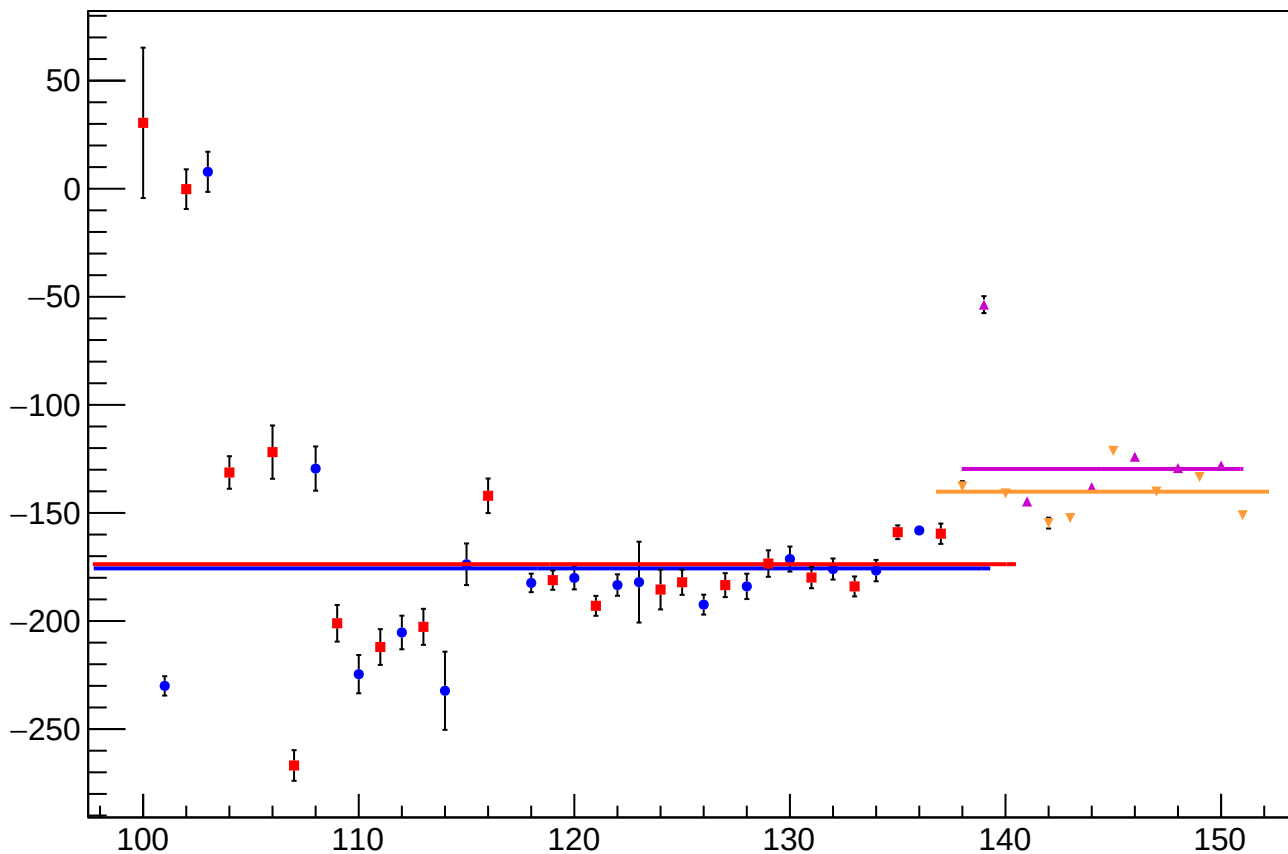
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -137.312 ± 0.863 $\chi^2/\text{NDF}: 521.8/22$

Out: -140.526 ± 0.803 $\chi^2/\text{NDF}: 659.6/26$

All: -139.034 ± 0.588 $\chi^2/\text{NDF}: 1188.8/49$

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: -129.643 ± 0.801 χ^2/NDF : 477.3/5

Left: -135.455 ± 0.536 χ^2/NDF : 796.6/13

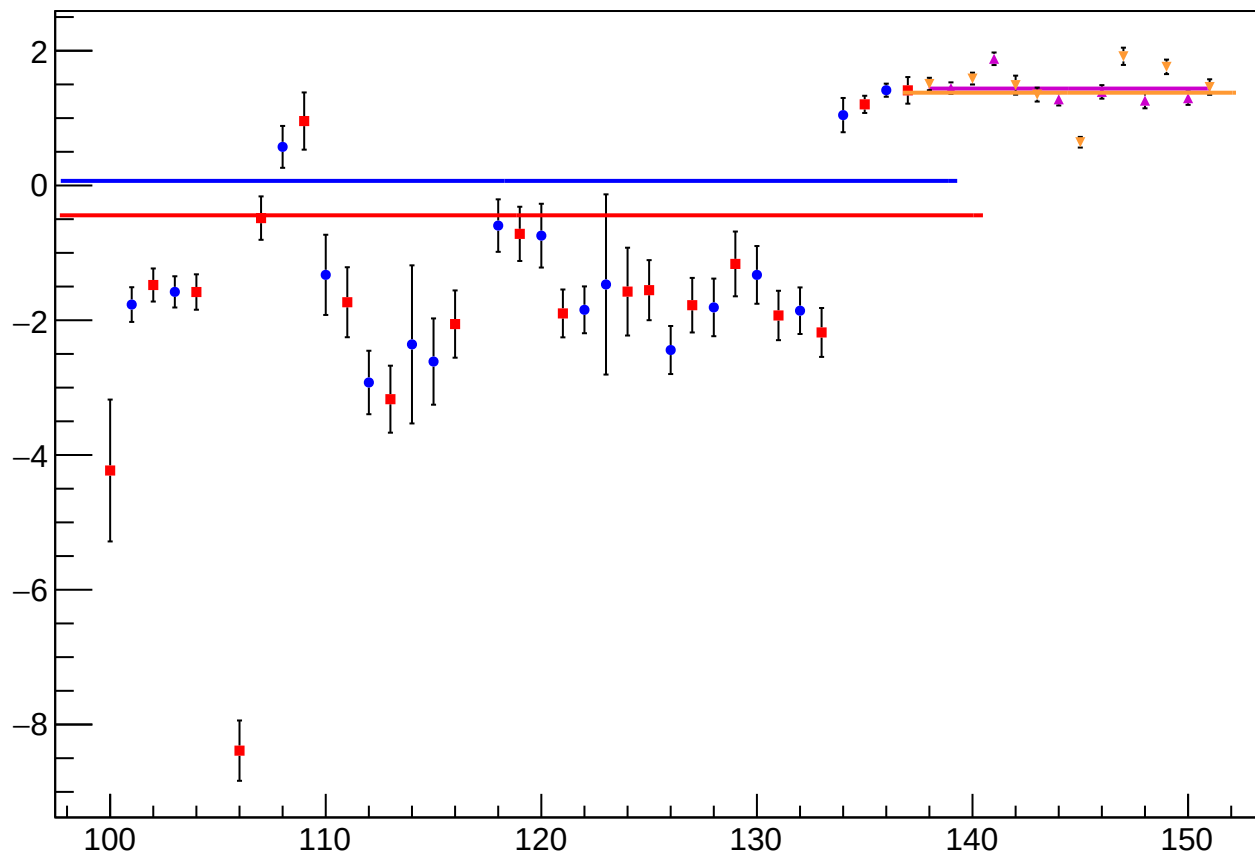
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -142.761 ± 0.678 χ^2/NDF : 2108.9/22

Out: -147.571 ± 0.636 χ^2/NDF : 1440.6/26

All: -145.317 ± 0.464 χ^2/NDF : 3576.2/49

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.377 ± 0.036 $\chi^2/\text{NDF}: 125.7/7$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.438 ± 0.039 $\chi^2/\text{NDF}: 30.2/5$

Left: 1.405 ± 0.027 $\chi^2/\text{NDF}: 157.2/13$

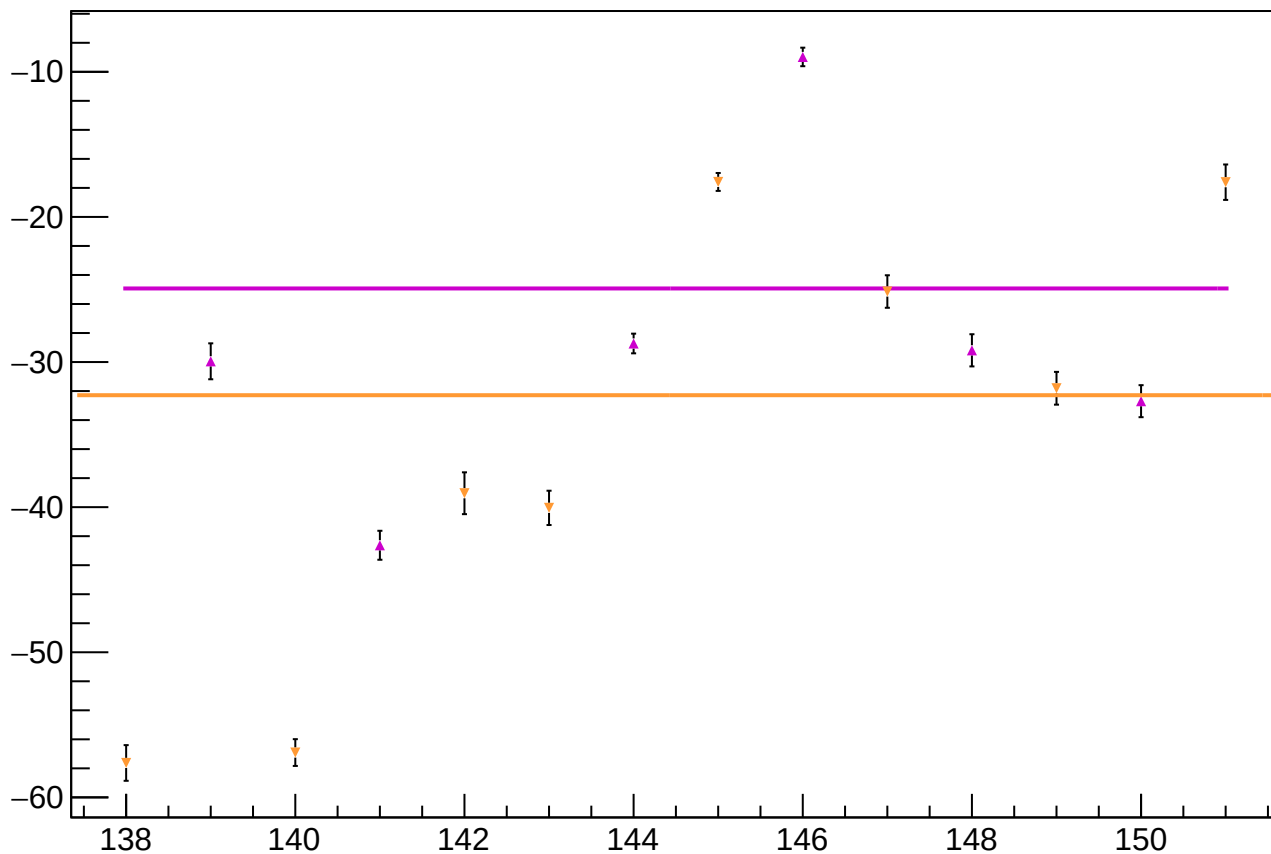
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.087 ± 0.034 $\chi^2/\text{NDF}: 866.8/22$

Out: 1.006 ± 0.032 $\chi^2/\text{NDF}: 1403.4/26$

All: 1.044 ± 0.023 $\chi^2/\text{NDF}: 2273.2/49$

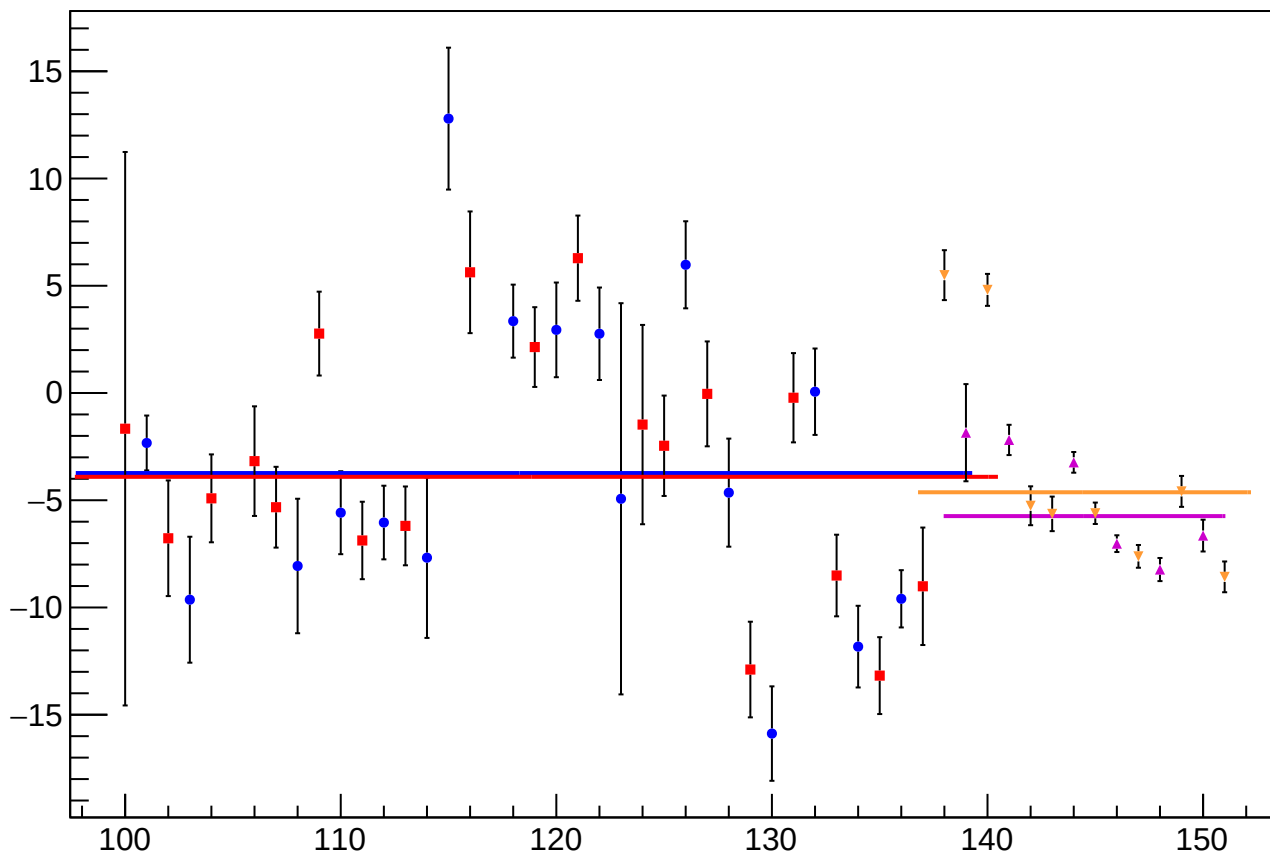
reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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: -24.930+/-0.355 χ^2/NDF :1050.6/5

Left: -28.606+/-0.251 χ^2/NDF : 3219.7/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.930+/-0.355 χ^2/NDF :1050.6/5
 Out: -32.285+/-0.356 χ^2/NDF :1955.0/7
 All: -28.606+/-0.251 χ^2/NDF : 3219.7/13

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.628 ± 0.244 $\chi^2/\text{NDF}: 303.7/7$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -5.740 ± 0.234 $\chi^2/\text{NDF}: 88.9/5$

Left: -5.209 ± 0.169 $\chi^2/\text{NDF}: 403.5/13$

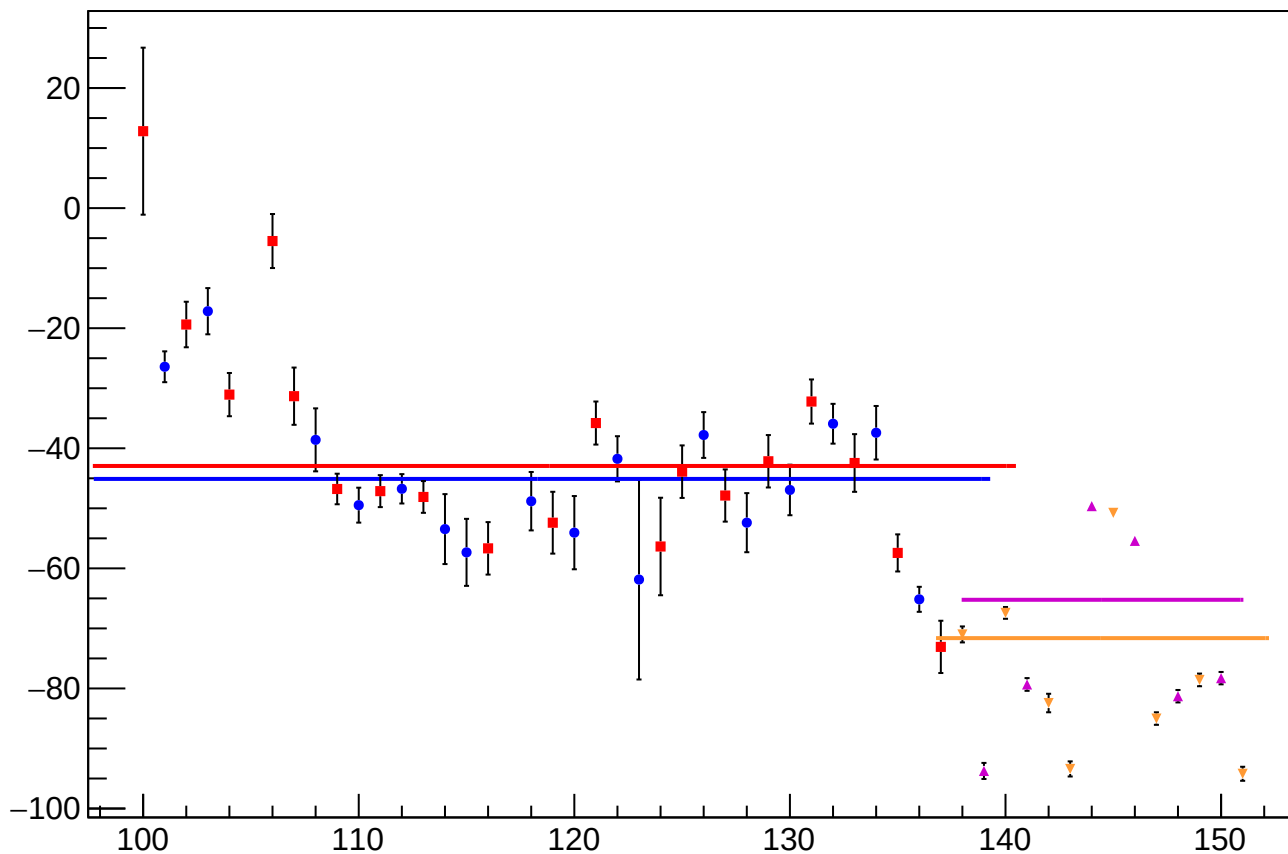
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -5.375 ± 0.211 $\chi^2/\text{NDF}: 268.2/22$

Out: -4.492 ± 0.220 $\chi^2/\text{NDF}: 430.2/26$

All: -4.952 ± 0.152 $\chi^2/\text{NDF}: 706.7/49$

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: -65.233 ± 0.357 χ^2/NDF : 1745.8/5

Left: -68.354 ± 0.255 χ^2/NDF : 3863.5/13

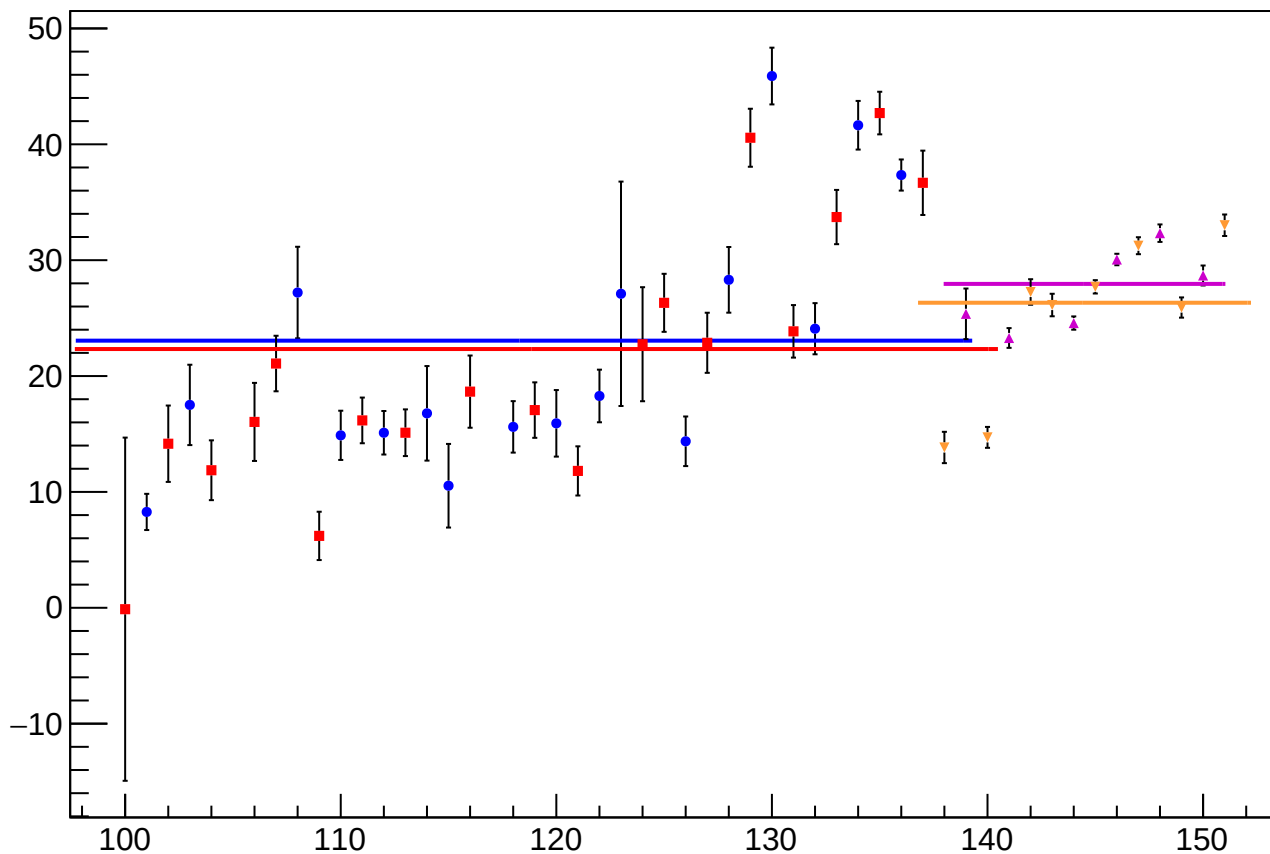
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -62.407 ± 0.331 χ^2/NDF : 2423.6/22

Out: -67.395 ± 0.337 χ^2/NDF : 3120.8/26

All: -64.856 ± 0.236 χ^2/NDF : 5656.0/49

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 26.327 ± 0.301 $\chi^2/\text{NDF}: 354.8/7$

Right Out: 22.331 ± 0.572 $\chi^2/\text{NDF}: 371.1/18$

Left In: 27.953 ± 0.291 $\chi^2/\text{NDF}: 118.7/5$

Left: 27.169 ± 0.209 $\chi^2/\text{NDF}: 488.6/13$

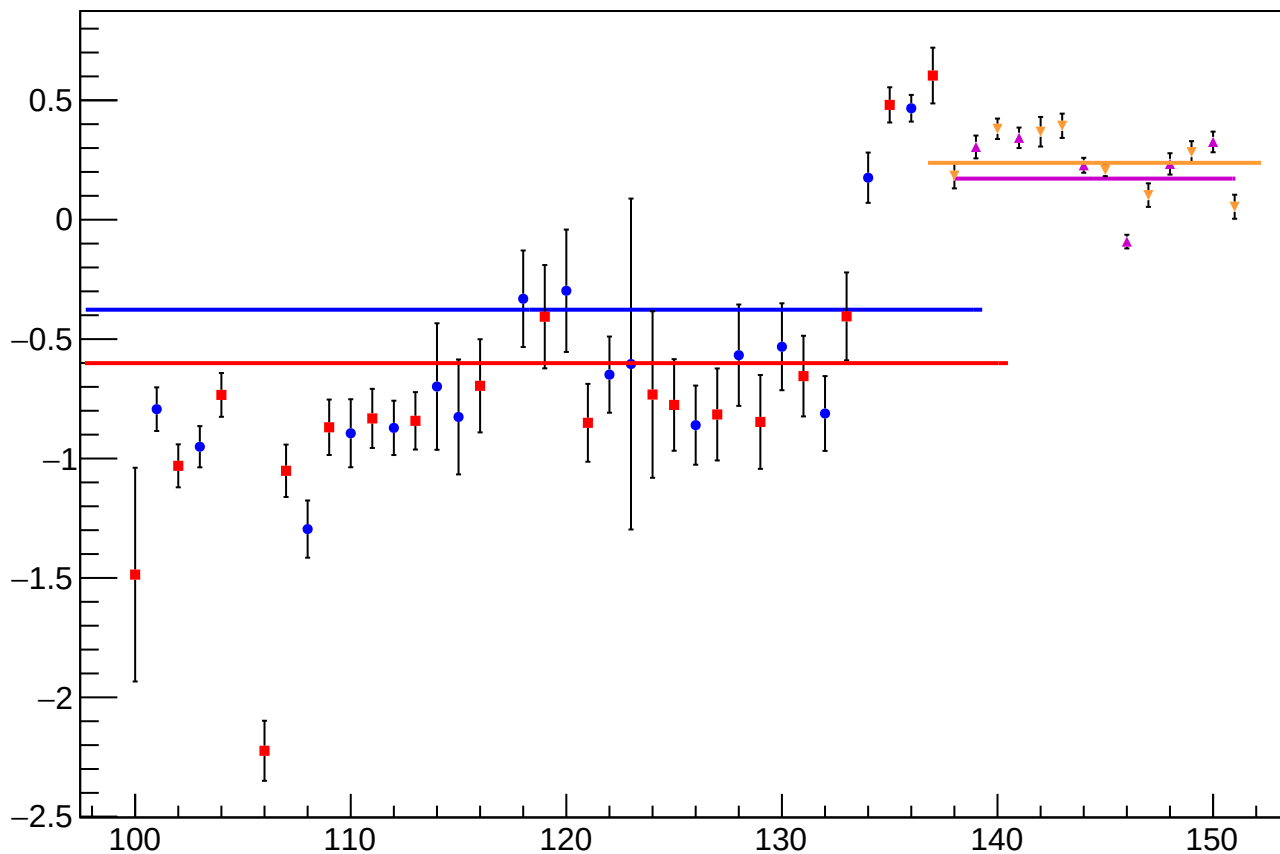
Right: 22.703 ± 0.399 $\chi^2/\text{NDF}: 833.0/35$

In: 26.903 ± 0.258 $\chi^2/\text{NDF}: 640.6/22$

Out: 25.460 ± 0.267 $\chi^2/\text{NDF}: 764.1/26$

All: 26.206 ± 0.185 $\chi^2/\text{NDF}: 1419.8/49$

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: 0.172 ± 0.015 $\chi^2/\text{NDF}: 125.9/5$

Left: 0.205 ± 0.011 $\chi^2/\text{NDF}: 184.4/13$

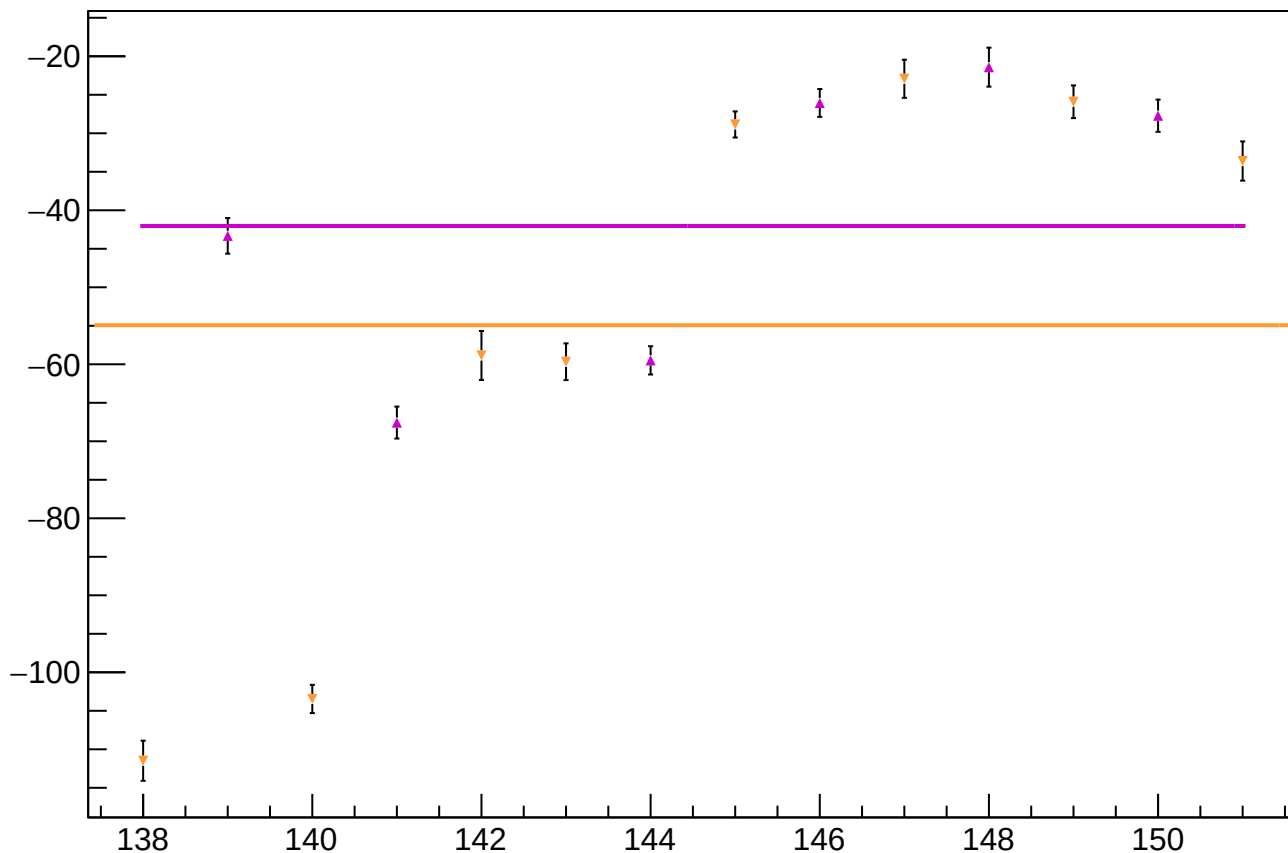
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.059 ± 0.014 $\chi^2/\text{NDF}: 827.5/22$

Out: 0.069 ± 0.014 $\chi^2/\text{NDF}: 1220.8/26$

All: 0.064 ± 0.010 $\chi^2/\text{NDF}: 2048.5/49$

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: -42.039+/-0.844 χ^2/NDF :433.2/5

Left: -48.915+/-0.576 χ^2/NDF : 2396.6/13

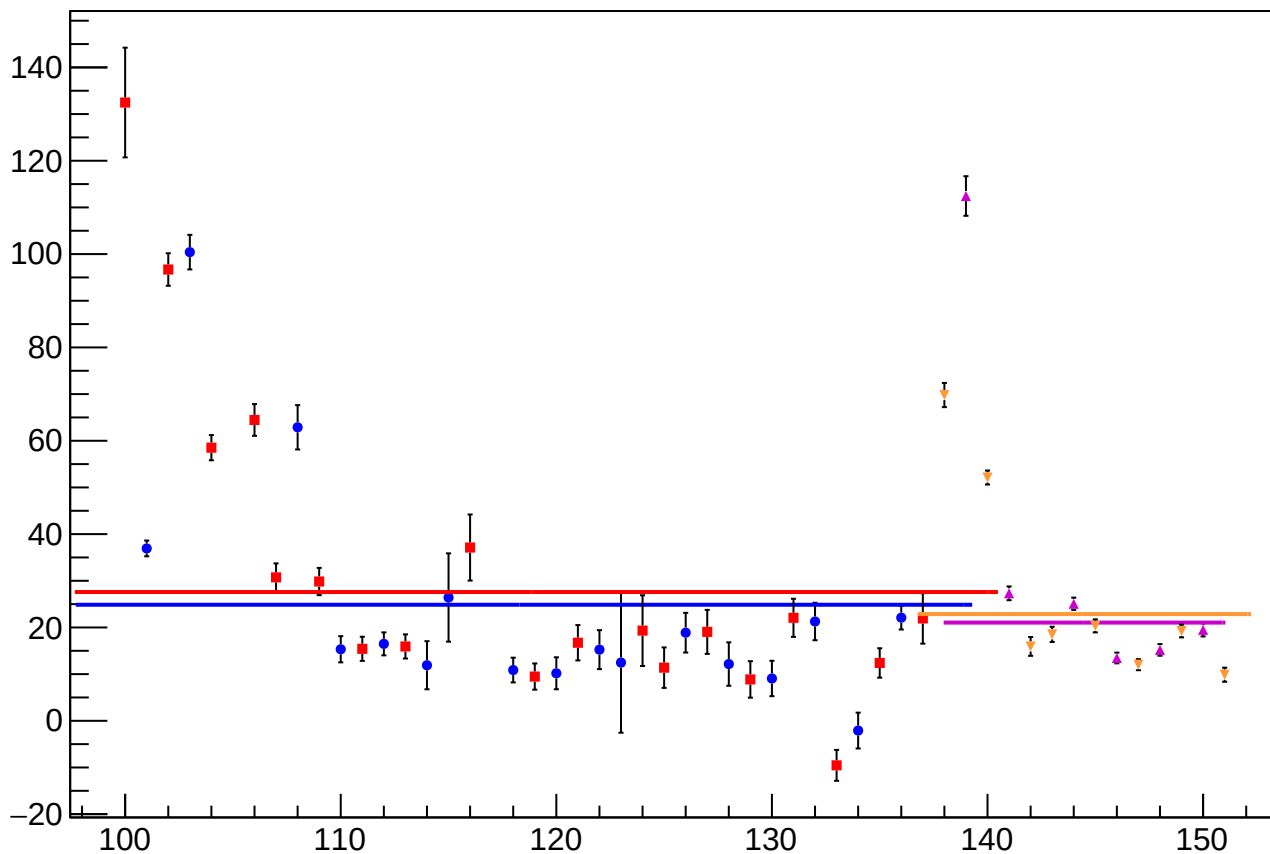
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.039+/-0.844 χ^2/NDF :433.2/5

Out: -54.929+/-0.789 χ^2/NDF :1838.8/7

All: -48.915+/-0.576 χ^2/NDF : 2396.6/13

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: 21.045 $\pm$ 0.578 χ^2 /NDF:558.4/5

Left: 22.016 $\pm$ 0.395 χ^2 /NDF: 1459.2/13

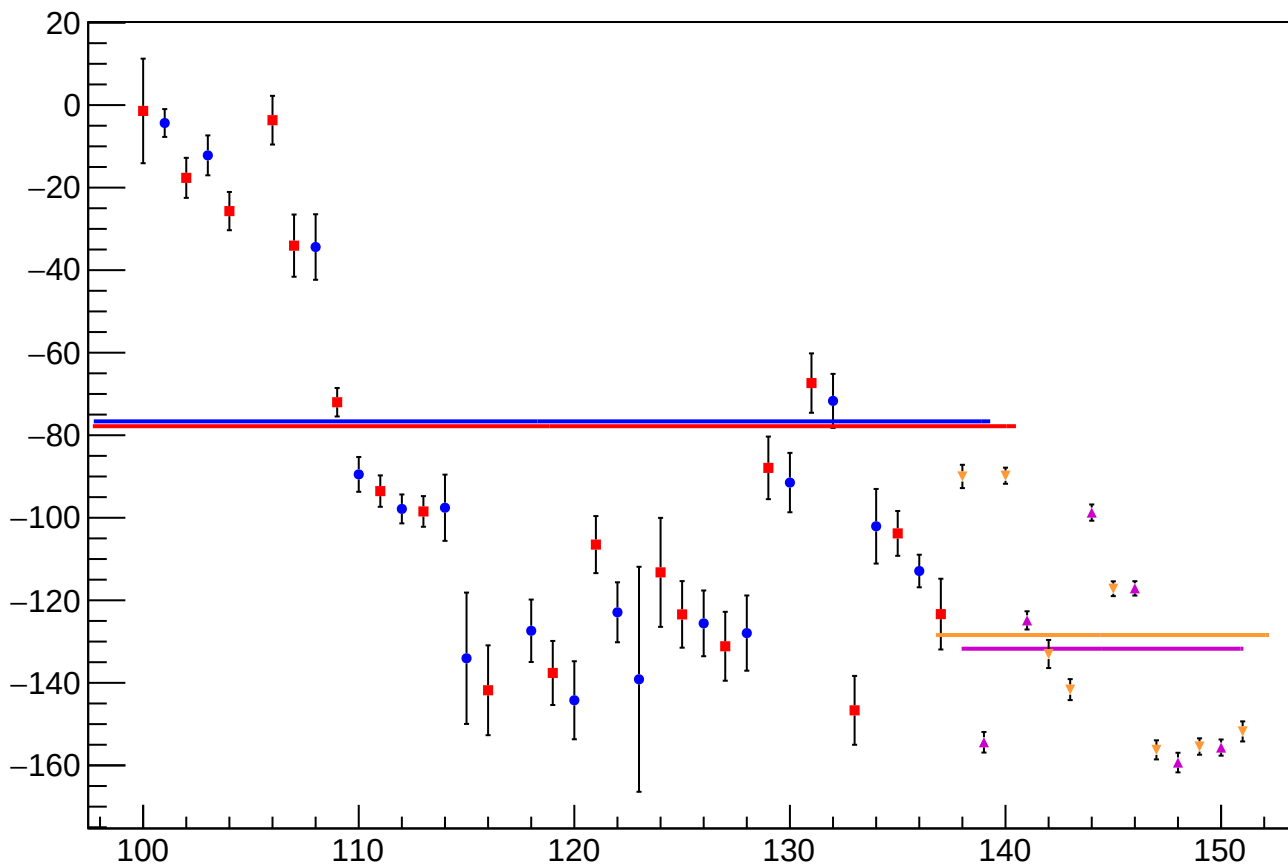
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.350 $\pm$ 0.469 χ^2 /NDF:1264.4/22

Out: 24.327 $\pm$ 0.450 χ^2 /NDF:1930.0/26

All: 23.379 $\pm$ 0.325 χ^2 /NDF: 3203.6/49

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -128.409 ± 0.803 χ^2/NDF : 1066.3/7

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -131.731 ± 0.847 χ^2/NDF : 728.7/5

Left: -129.982 ± 0.583 χ^2/NDF : 1803.1/13

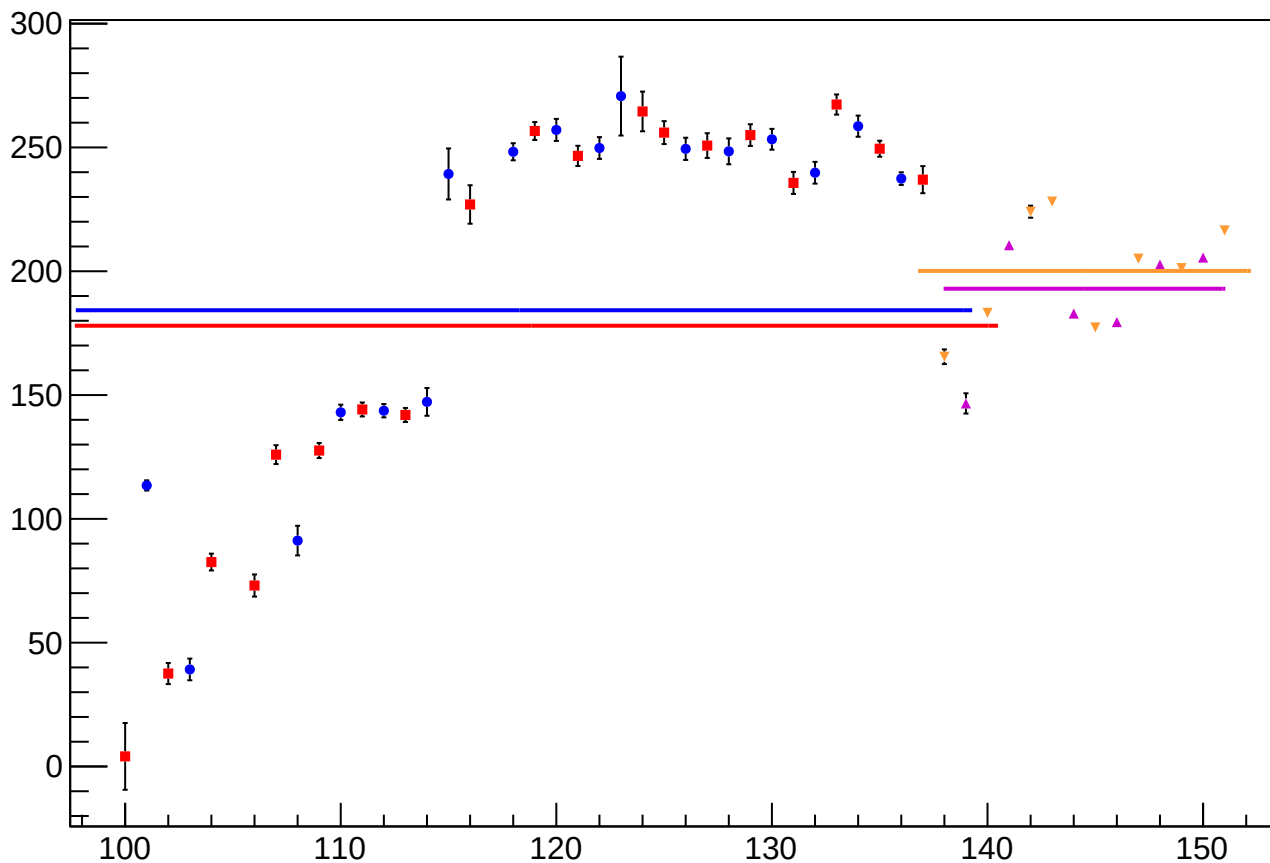
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -117.189 ± 0.727 χ^2/NDF : 2885.4/22

Out: -115.211 ± 0.691 χ^2/NDF : 2974.4/26

All: -116.149 ± 0.501 χ^2/NDF : 5863.7/49

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: 192.941 $\pm$ 0.710 χ^2 /NDF:447.0/5

Left: 196.764 $\pm$ 0.486 χ^2 /NDF: 1307.7/13

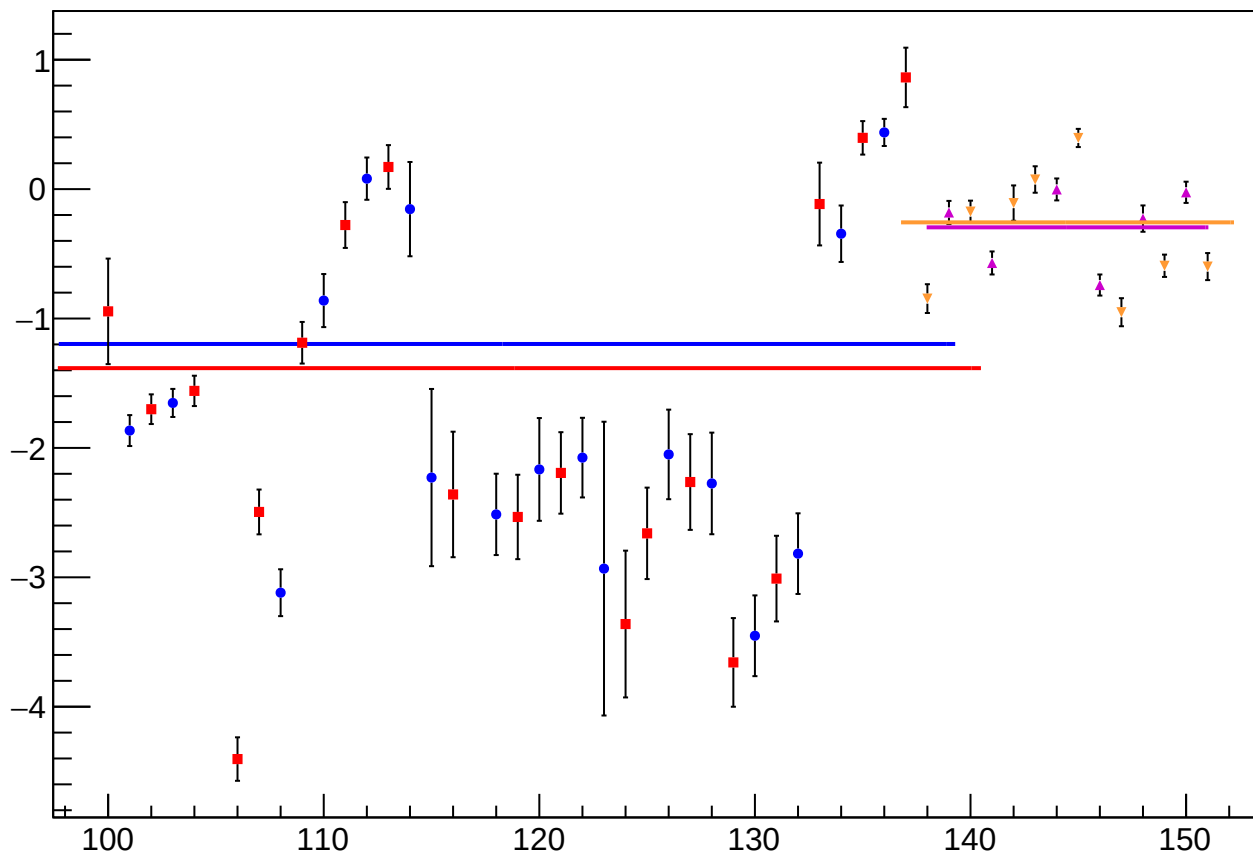
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 189.675 $\pm$ 0.561 χ^2 /NDF:5891.9/22

Out: 192.552 $\pm$ 0.541 χ^2 /NDF:7521.7/26

All: 191.167 $\pm$ 0.389 χ^2 /NDF: 13427.2/49

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: -0.295 ± 0.036 χ^2/NDF : 64.5/5

Left: -0.275 ± 0.024 χ^2/NDF : 258.6/13

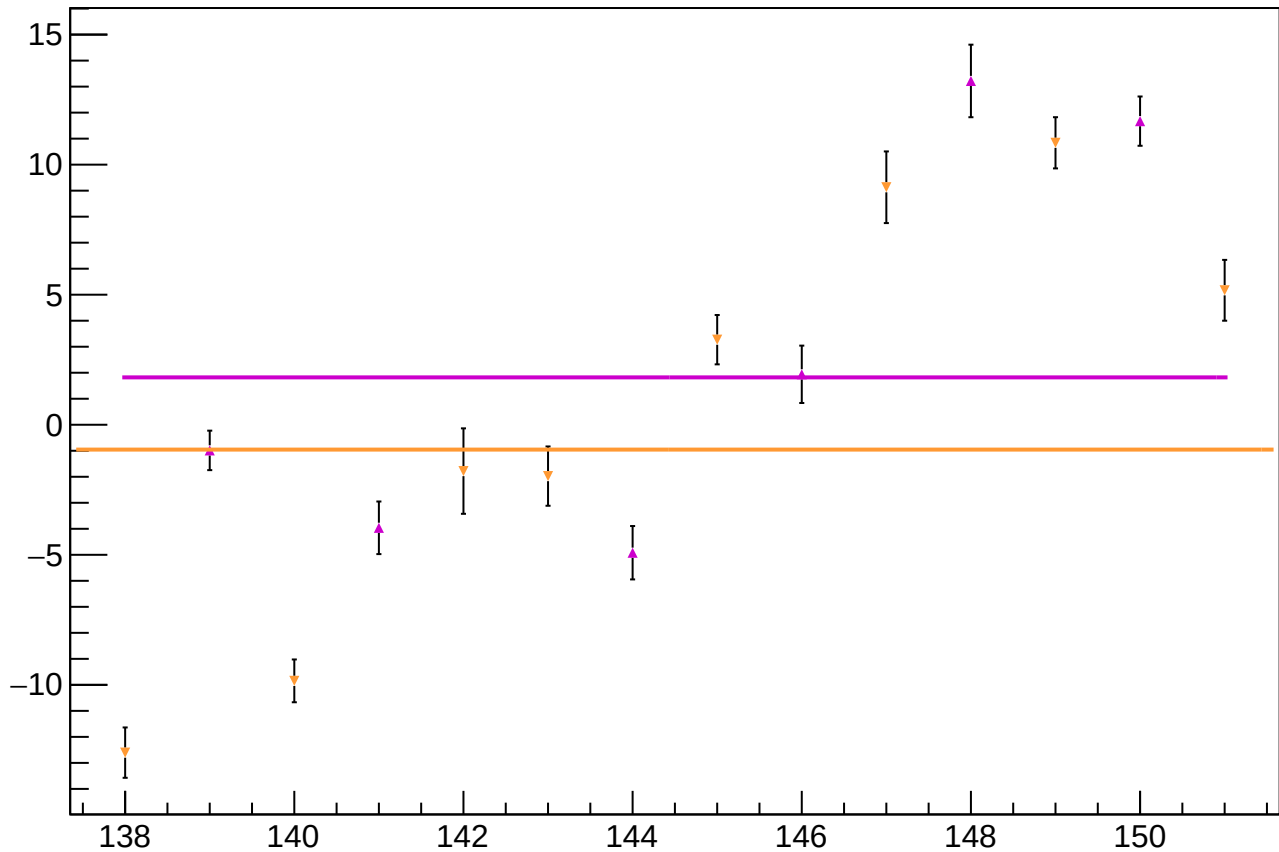
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.615 ± 0.029 χ^2/NDF : 912.4/22

Out: -0.652 ± 0.027 χ^2/NDF : 1510.1/26

All: -0.635 ± 0.020 χ^2/NDF : 2423.5/49

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.955 $\pm$ 0.376 χ^2 /NDF:507.3/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.821 $\pm$ 0.404 χ^2 /NDF:264.5/5

Left: 0.331 $\pm$ 0.275 χ^2 /NDF: 797.1/13

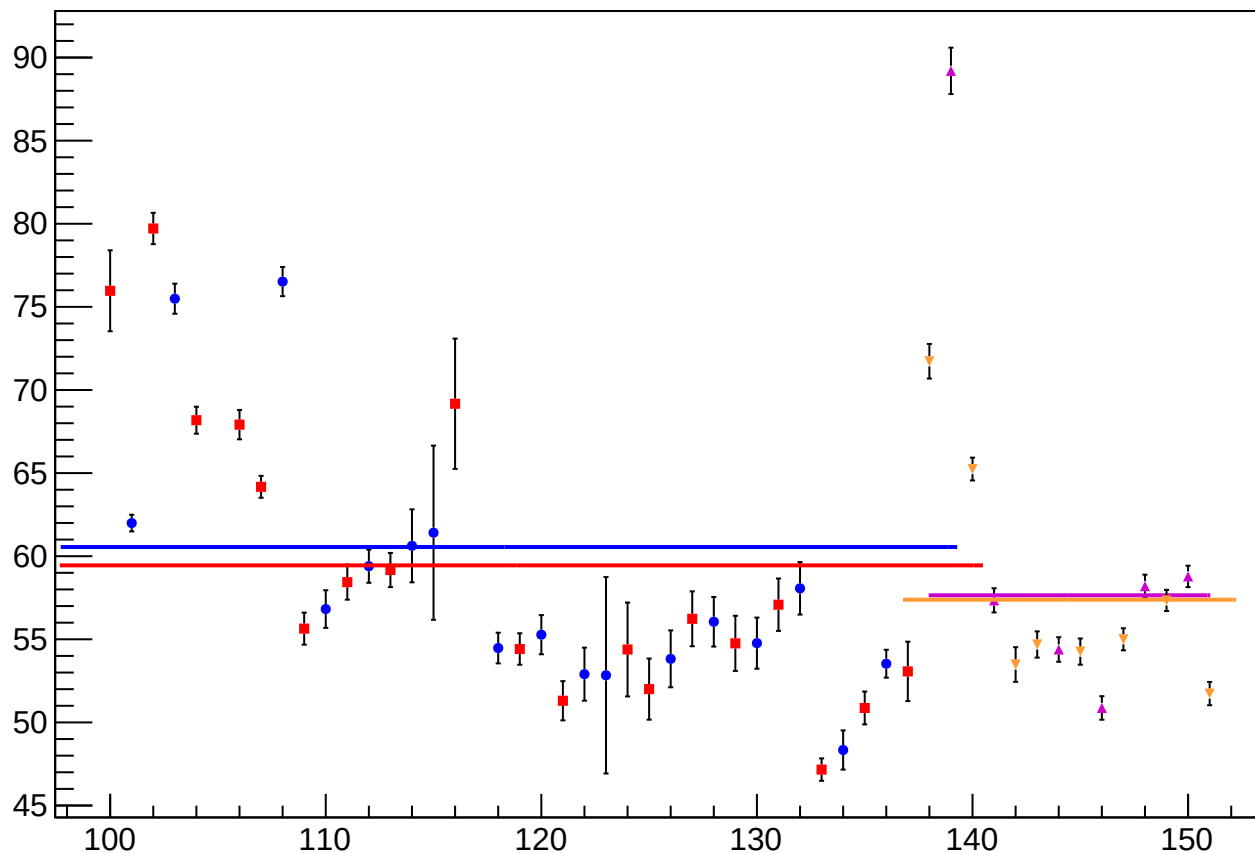
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.821 $\pm$ 0.404 χ^2 /NDF:264.5/5

Out: -0.955 $\pm$ 0.376 χ^2 /NDF:507.3/7

All: 0.331 $\pm$ 0.275 χ^2 /NDF: 797.1/13

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: 57.647 ± 0.305 $\chi^2/\text{NDF}: 625.8/5$

Left: 57.498 ± 0.201 $\chi^2/\text{NDF}: 1066.1/13$

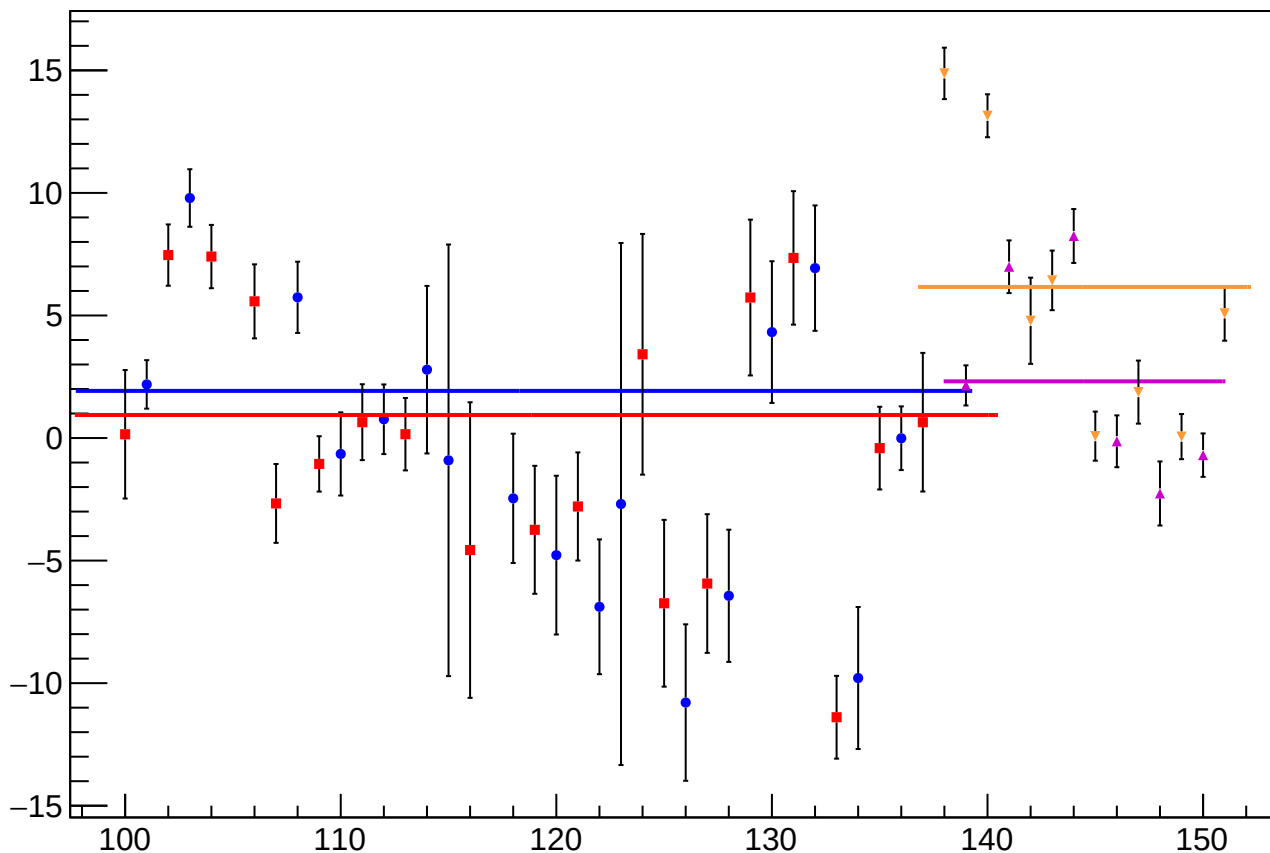
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 59.321 ± 0.199 $\chi^2/\text{NDF}: 1609.0/22$

Out: 58.497 ± 0.182 $\chi^2/\text{NDF}: 1793.3/26$

All: 58.873 ± 0.134 $\chi^2/\text{NDF}: 3411.6/49$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 6.163 ± 0.384 χ^2/NDF : 226.0/7

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 2.313 ± 0.410 χ^2/NDF : 77.2/5

Left: 4.368 ± 0.280 χ^2/NDF : 350.1/13

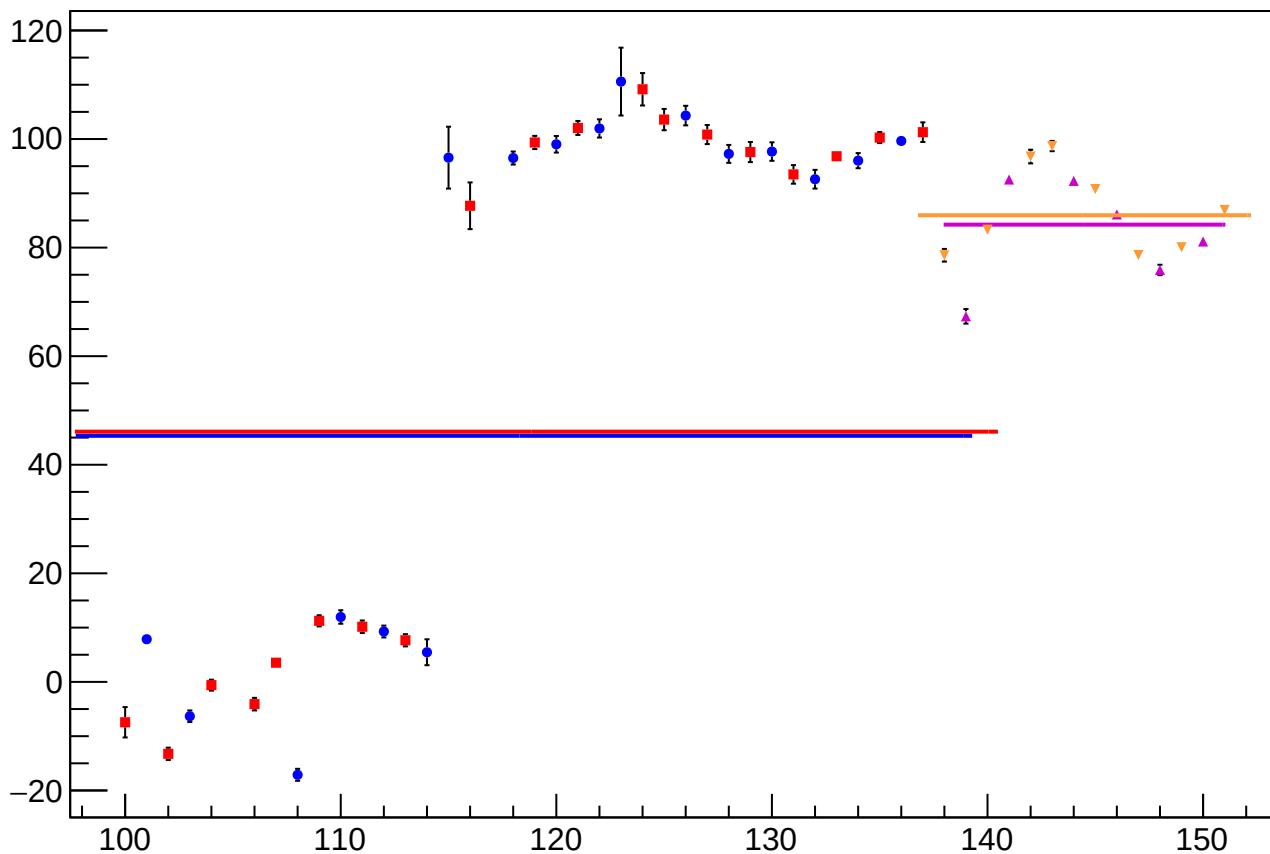
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 2.139 ± 0.306 χ^2/NDF : 198.6/22

Out: 3.812 ± 0.285 χ^2/NDF : 459.6/26

All: 3.036 ± 0.208 χ^2/NDF : 674.2/49

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 85.957 $\pm$ 0.327 χ^2 /NDF:459.9/7

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 84.230 $\pm$ 0.368 χ^2 /NDF:432.0/5

Left: 85.195 $\pm$ 0.244 χ^2 /NDF: 904.3/13

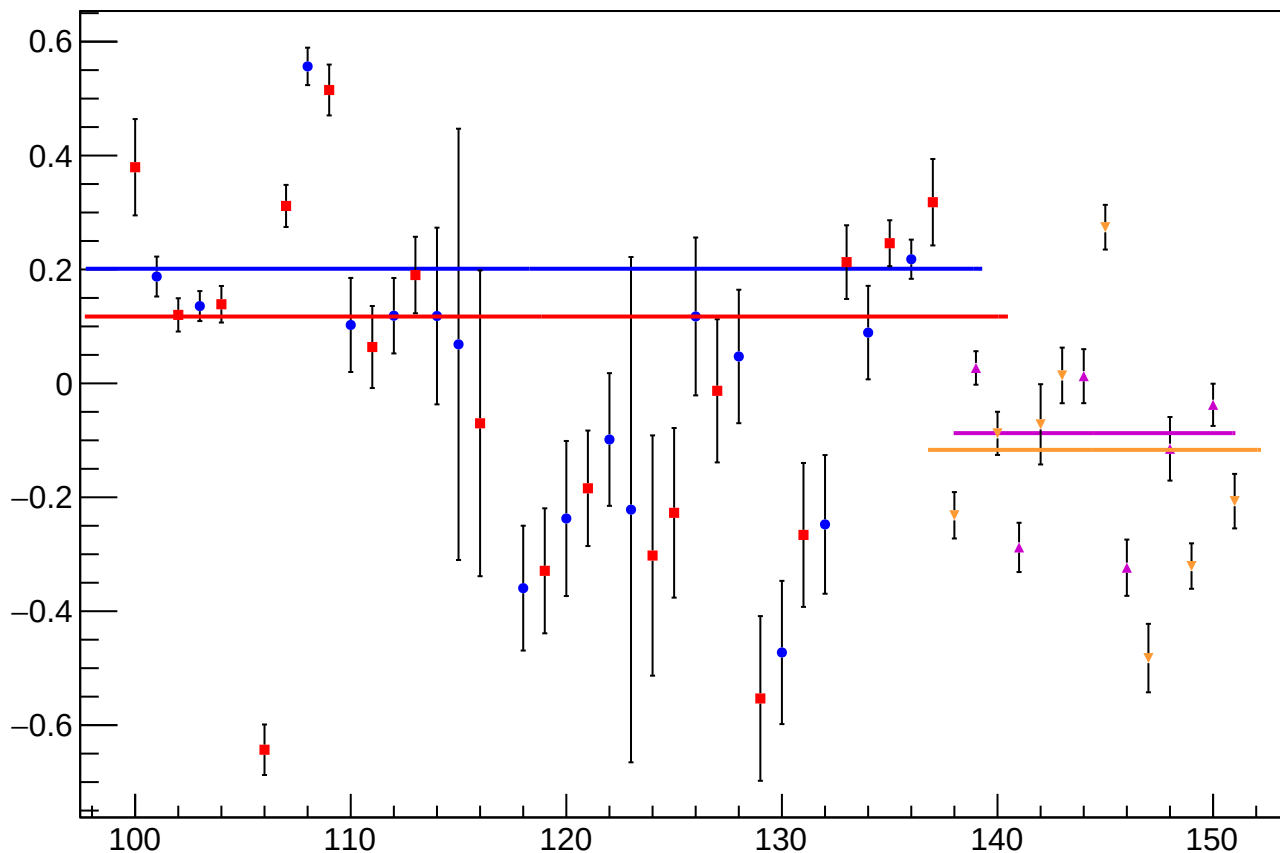
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 61.090 $\pm$ 0.234 χ^2 /NDF:32089.8/22

Out: 63.588 $\pm$ 0.217 χ^2 /NDF:37065.2/26

All: 62.436 $\pm$ 0.159 χ^2 /NDF: 69216.3/49

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: -0.087 ± 0.017 χ^2/NDF : 66.0/5

Left: -0.103 ± 0.012 χ^2/NDF : 249.6/13

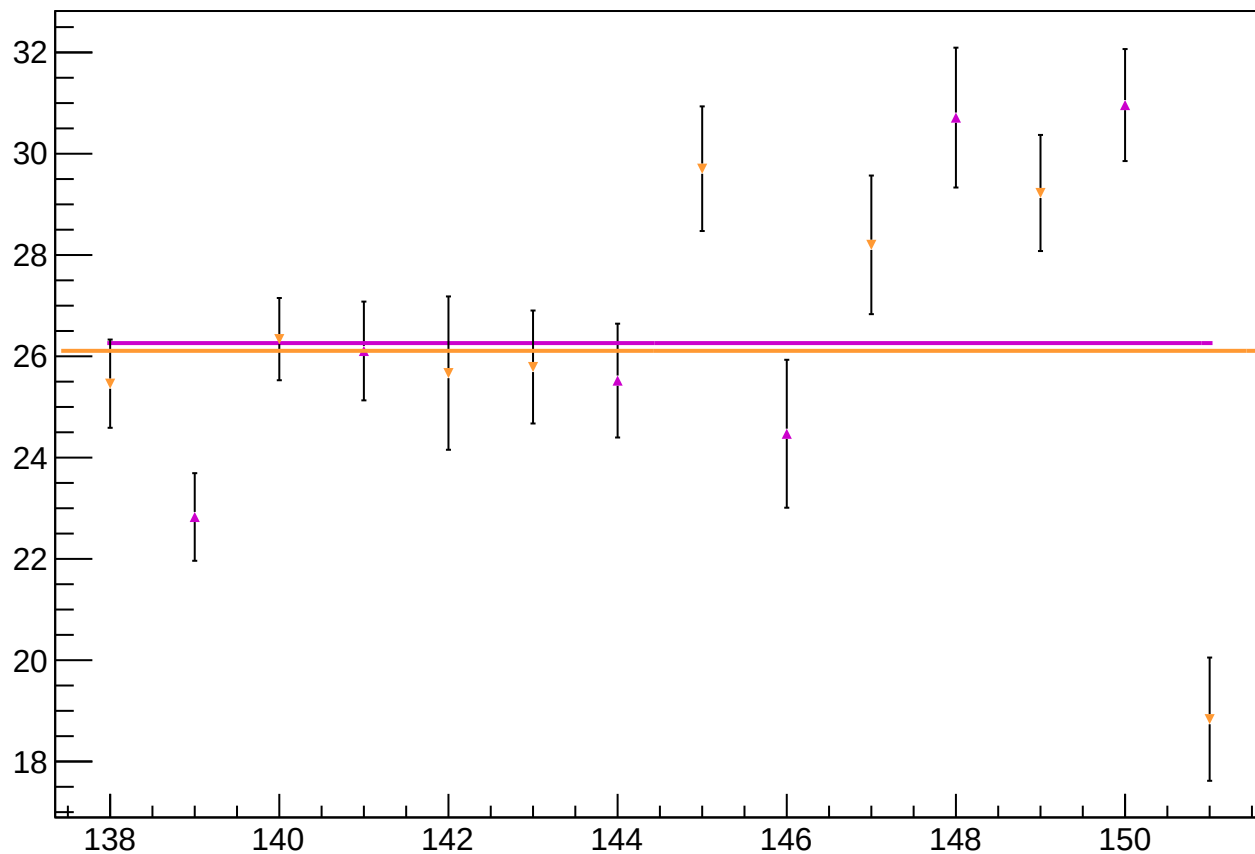
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.082 ± 0.011 χ^2/NDF : 458.5/22

Out: 0.024 ± 0.010 χ^2/NDF : 810.4/26

All: 0.051 ± 0.007 χ^2/NDF : 1284.1/49

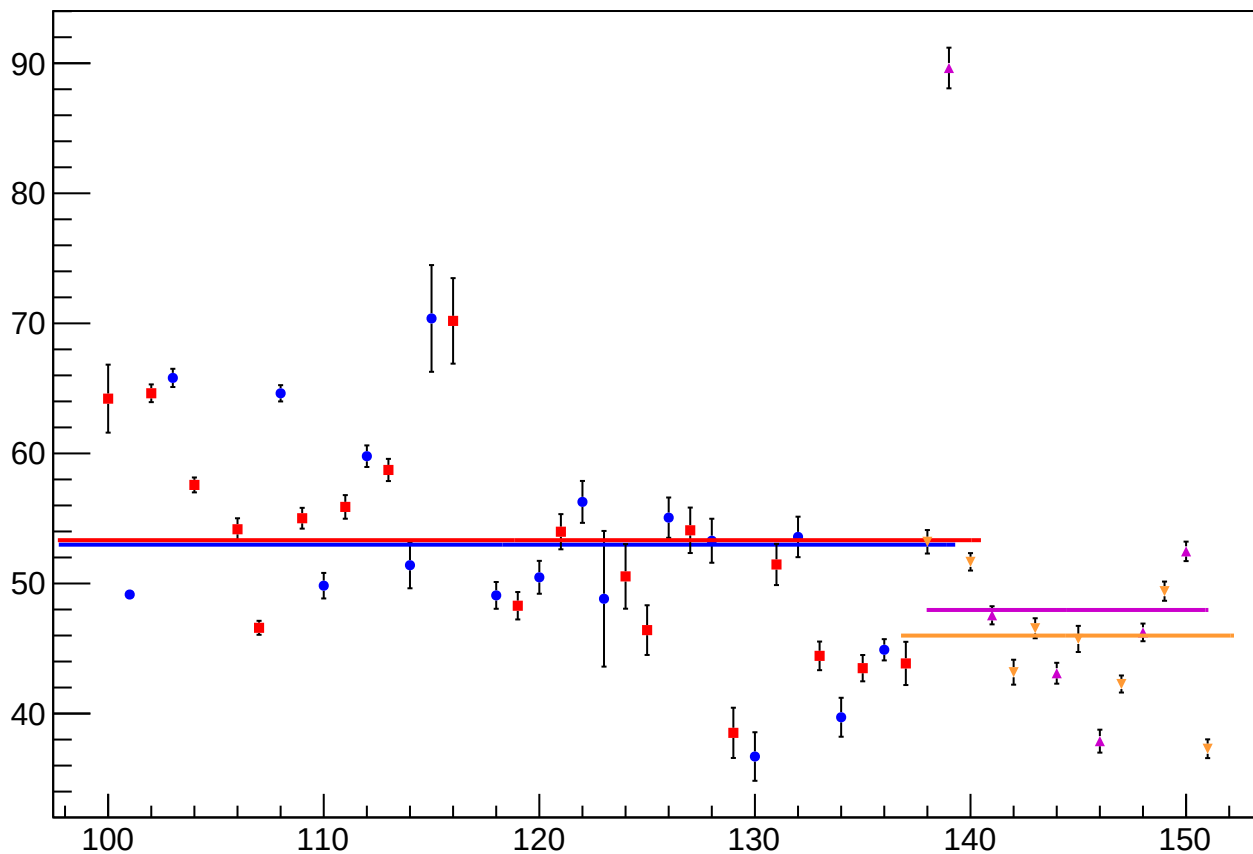
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 26.108 $\pm$ 0.386 χ^2 /NDF:54.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 26.261 $\pm$ 0.448 χ^2 /NDF:46.2/5

Left: 26.174 $\pm$ 0.292 χ^2 /NDF: 101.0/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 26.261 $\pm$ 0.448 χ^2 /NDF:46.2/5
 Out: 26.108 $\pm$ 0.386 χ^2 /NDF:54.8/7
 All: 26.174 $\pm$ 0.292 χ^2 /NDF: 101.0/13

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: 47.964 $\pm$ 0.329 χ^2 /NDF: 921.1/5

Left: 46.803 $\pm$ 0.211 χ^2 /NDF: 1285.8/13

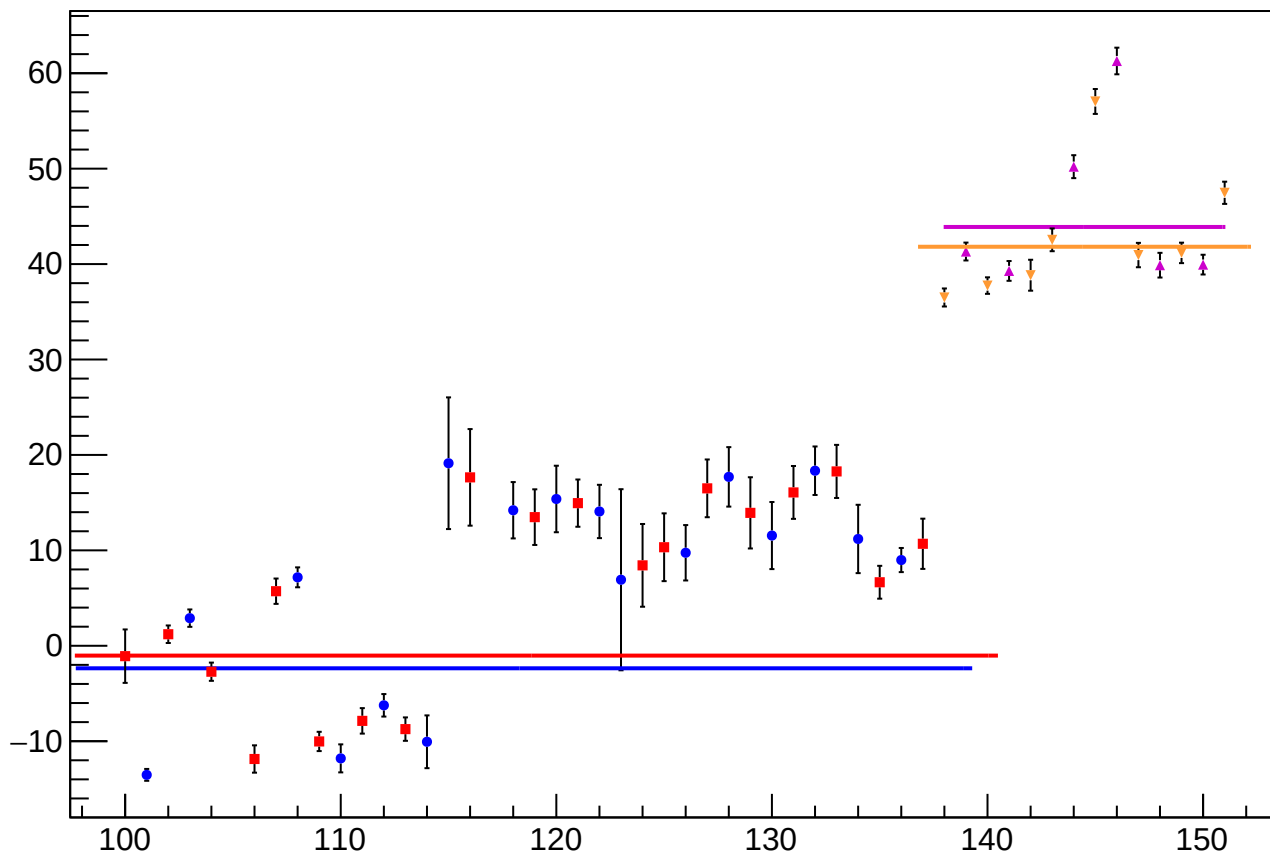
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 51.526 $\pm$ 0.177 χ^2 /NDF: 2284.6/22

Out: 50.354 $\pm$ 0.175 χ^2 /NDF: 1642.8/26

All: 50.932 $\pm$ 0.124 χ^2 /NDF: 3949.6/49

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 41.816 ± 0.397 χ^2/NDF : 218.1/7

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 43.890 ± 0.456 χ^2/NDF : 234.5/5

Left: 42.709 ± 0.299 χ^2/NDF : 464.3/13

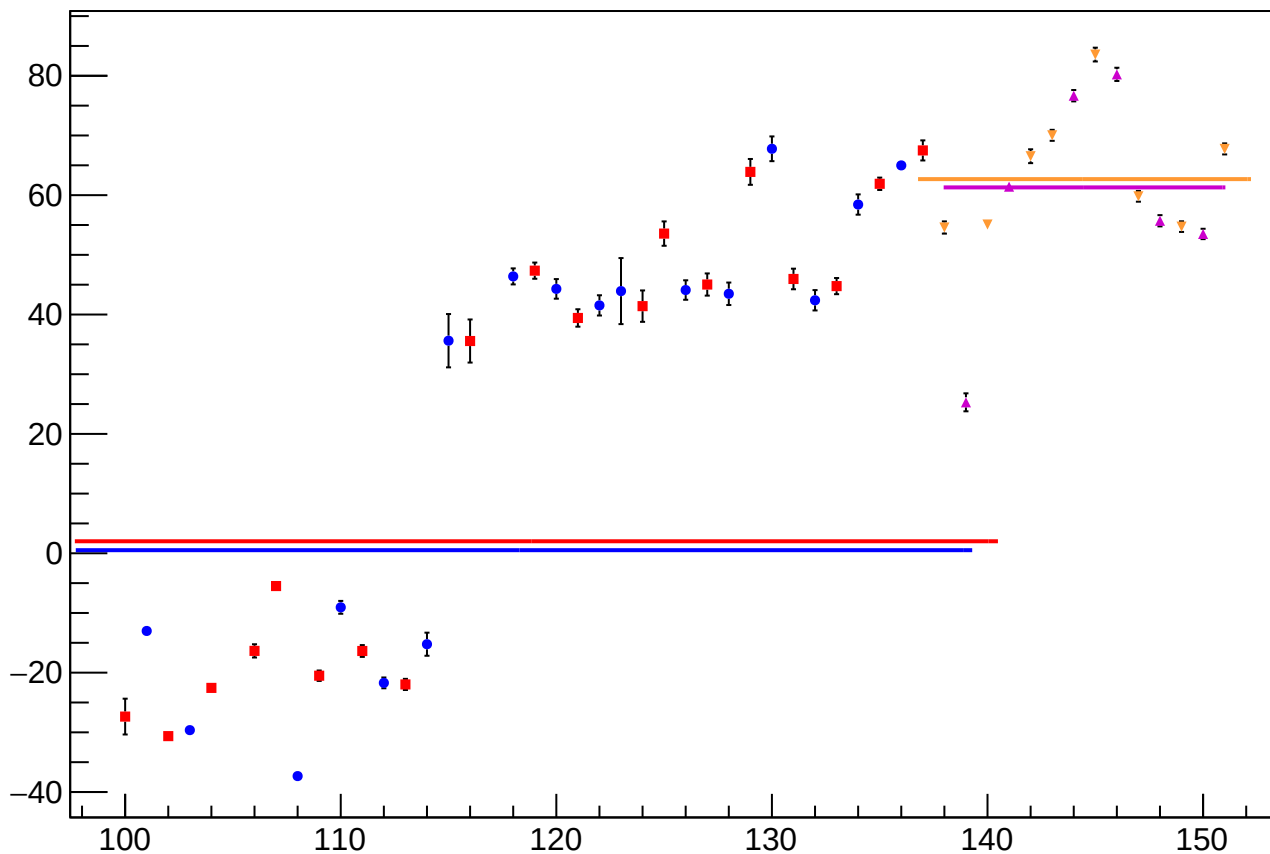
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 15.648 ± 0.285 χ^2/NDF : 7353.4/22

Out: 19.287 ± 0.273 χ^2/NDF : 6856.8/26

All: 17.541 ± 0.197 χ^2/NDF : 14295.3/49

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: 61.299 ± 0.400 $\chi^2/\text{NDF}: 1240.6/5$

Left: 62.112 ± 0.258 $\chi^2/\text{NDF}: 1919.3/13$

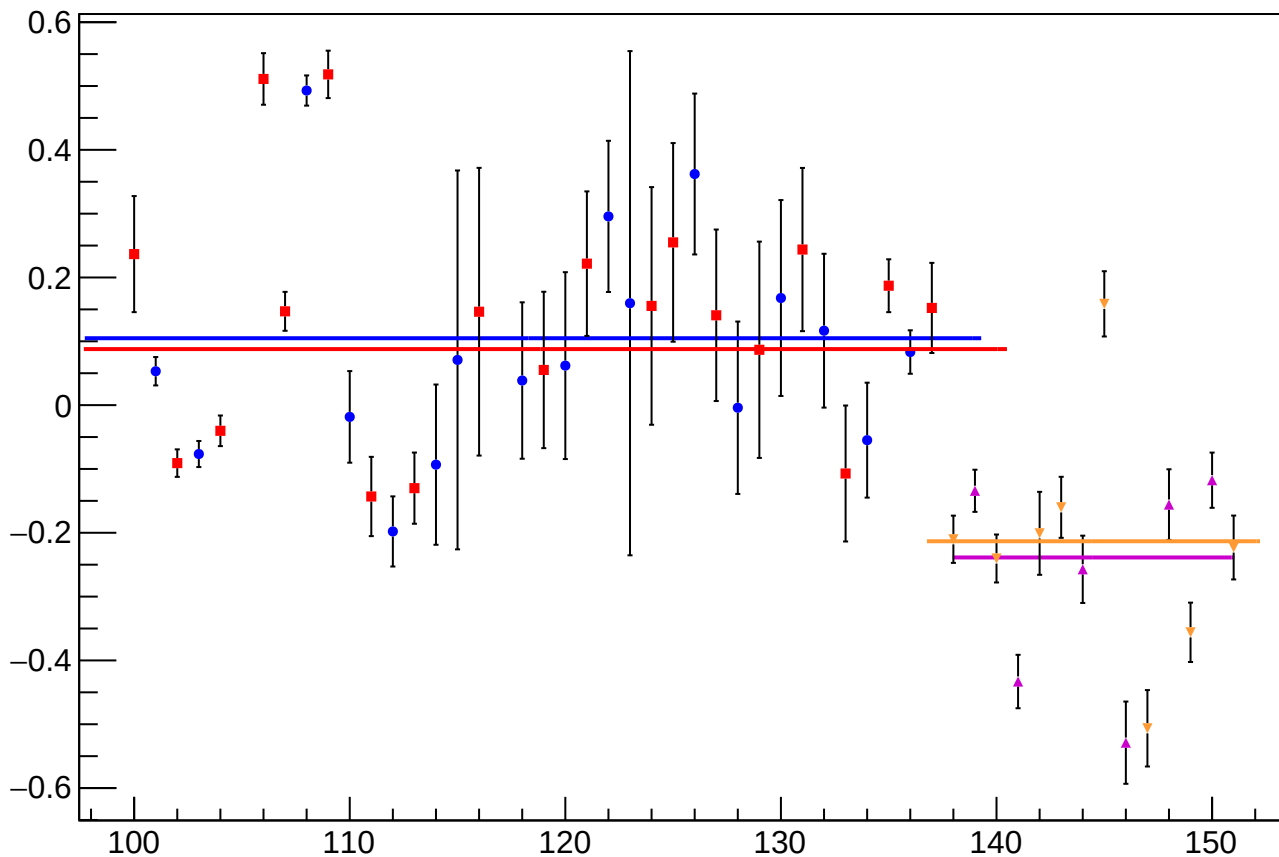
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 17.264 ± 0.210 $\chi^2/\text{NDF}: 36320.0/22$

Out: 25.366 ± 0.209 $\chi^2/\text{NDF}: 36118.9/26$

All: 21.340 ± 0.148 $\chi^2/\text{NDF}: 73186.4/49$

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: -0.239 ± 0.018 $\chi^2/\text{NDF}: 62.1/5$

Left: -0.225 ± 0.012 $\chi^2/\text{NDF}: 151.3/13$

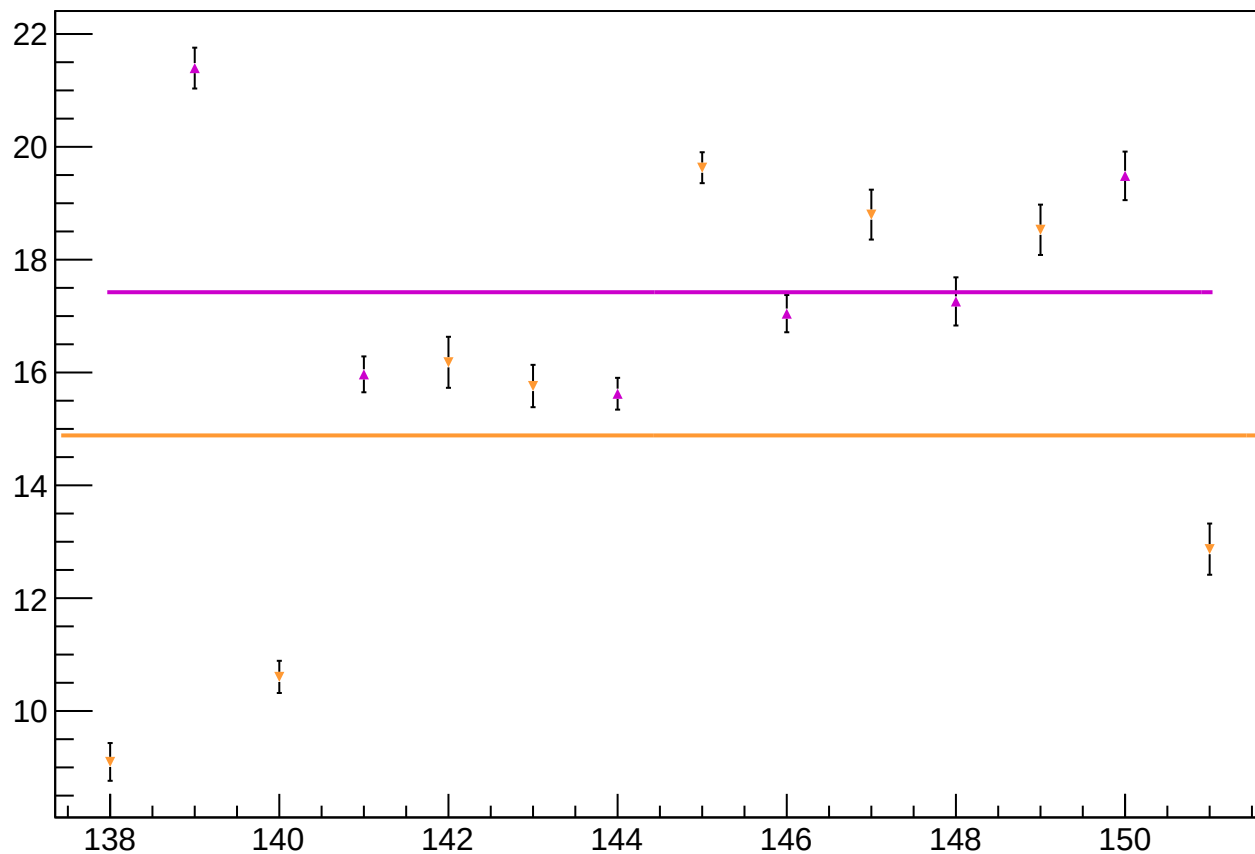
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: 0.014 ± 0.009 $\chi^2/\text{NDF}: 718.9/22$

Out: -0.004 ± 0.009 $\chi^2/\text{NDF}: 708.1/26$

All: 0.005 ± 0.007 $\chi^2/\text{NDF}: 1428.9/49$

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: 17.423+/-0.141 χ^2/NDF :206.6/5

Left: 16.025+/-0.095 χ^2/NDF : 1387.1/13

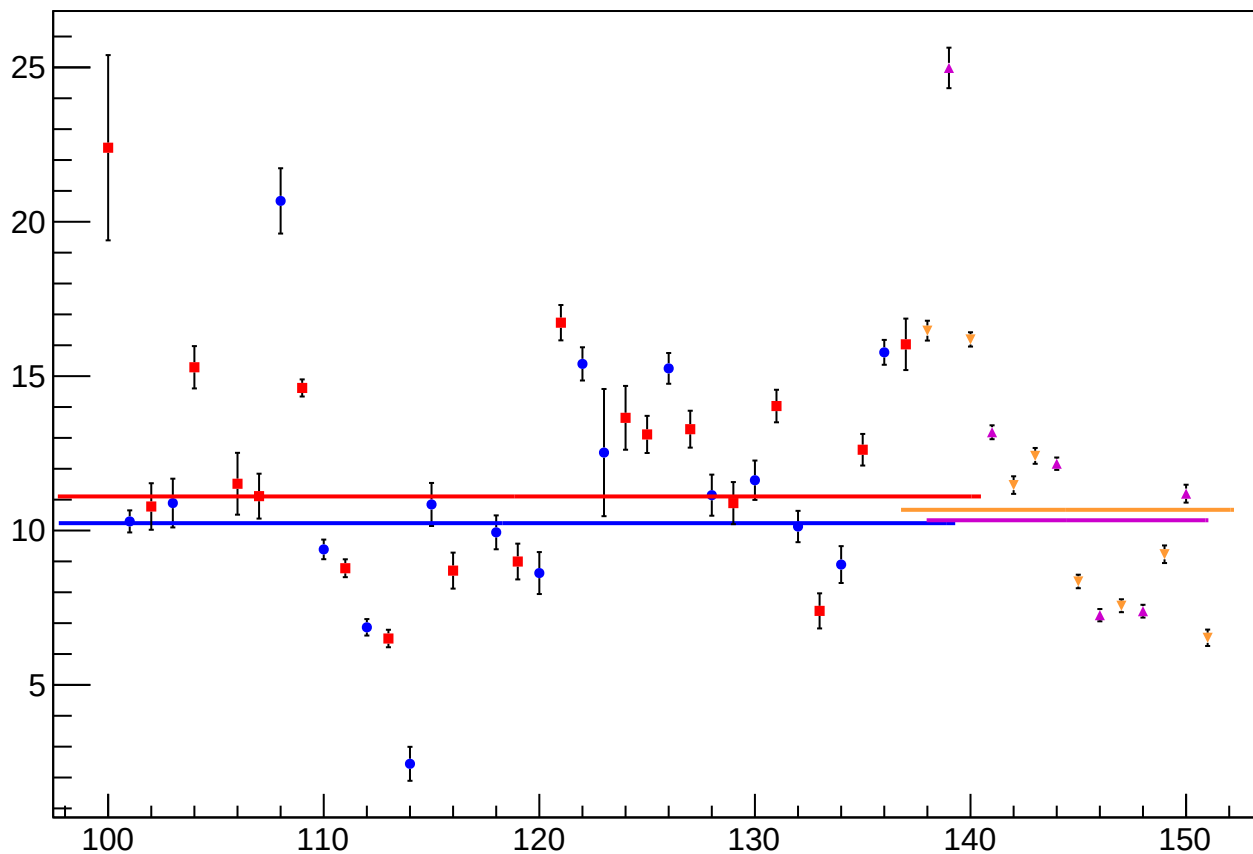
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.423+/-0.141 χ^2/NDF :206.6/5

Out: 14.885+/-0.128 χ^2/NDF :1002.4/7

All: 16.025+/-0.095 χ^2/NDF : 1387.1/13

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.671 ± 0.089 χ^2/NDF : 1549.3/7

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 10.332 ± 0.097 χ^2/NDF : 1191.0/5

Left: 10.515 ± 0.065 χ^2/NDF : 2747.0/13

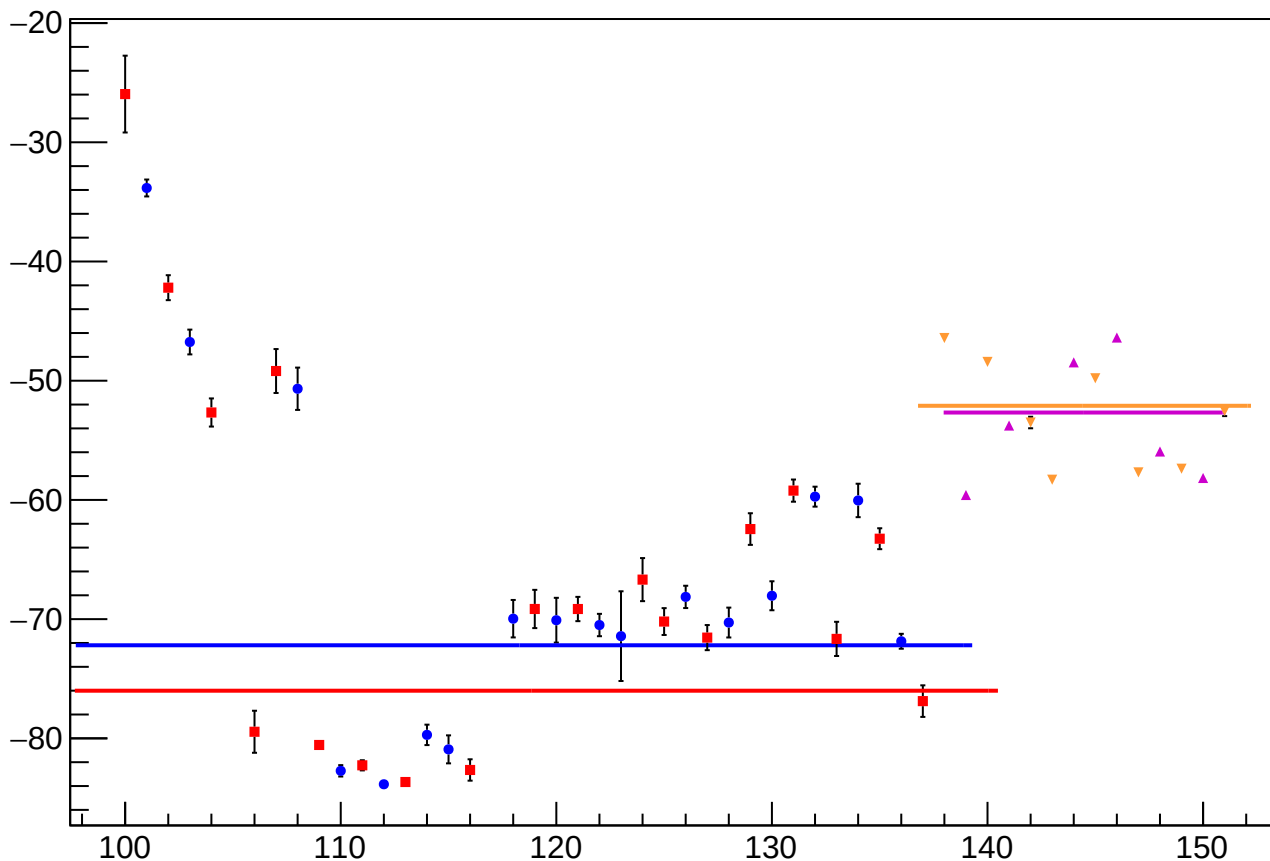
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 10.295 ± 0.075 χ^2/NDF : 2058.8/22

Out: 10.831 ± 0.071 χ^2/NDF : 2373.2/26

All: 10.579 ± 0.051 χ^2/NDF : 4459.1/49

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -52.103 ± 0.132 $\chi^2/\text{NDF}: 1047.4/7$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -52.669 ± 0.143 $\chi^2/\text{NDF}: 1164.3/5$

Left: -52.362 ± 0.097 $\chi^2/\text{NDF}: 2220.2/13$

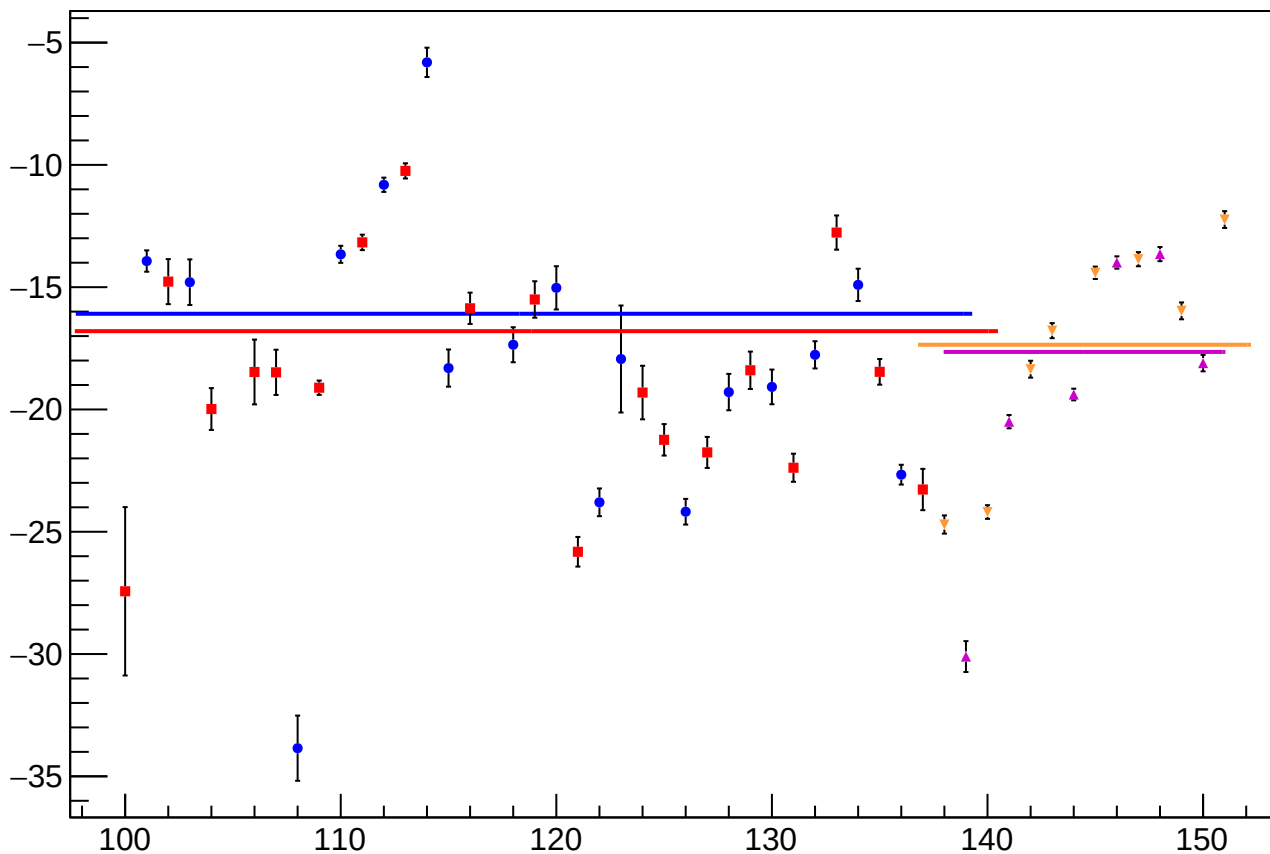
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -59.379 ± 0.116 $\chi^2/\text{NDF}: 13099.3/22$

Out: -60.390 ± 0.107 $\chi^2/\text{NDF}: 15909.3/26$

All: -59.928 ± 0.079 $\chi^2/\text{NDF}: 29049.9/49$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.353 ± 0.110 χ^2/NDF : 1517.1/7

Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -17.648 ± 0.120 χ^2/NDF : 952.5/5

Left: -17.488 ± 0.081 χ^2/NDF : 2472.9/13

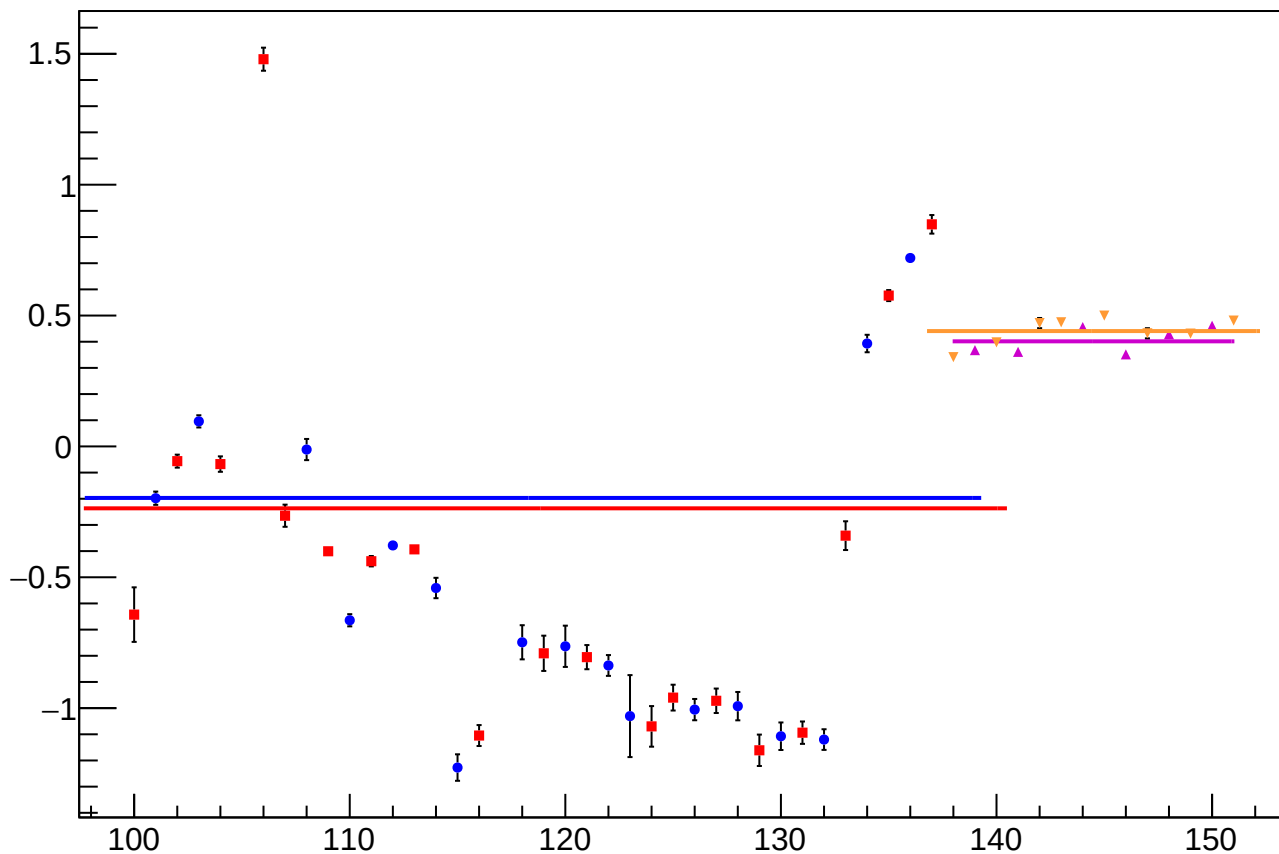
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -16.947 ± 0.089 χ^2/NDF : 2650.8/22

Out: -17.119 ± 0.083 χ^2/NDF : 2741.9/26

All: -17.038 ± 0.061 χ^2/NDF : 5394.7/49

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: 0.401 ± 0.006 χ^2/NDF : 58.3/5

Left: 0.423 ± 0.004 χ^2/NDF : 178.2/13

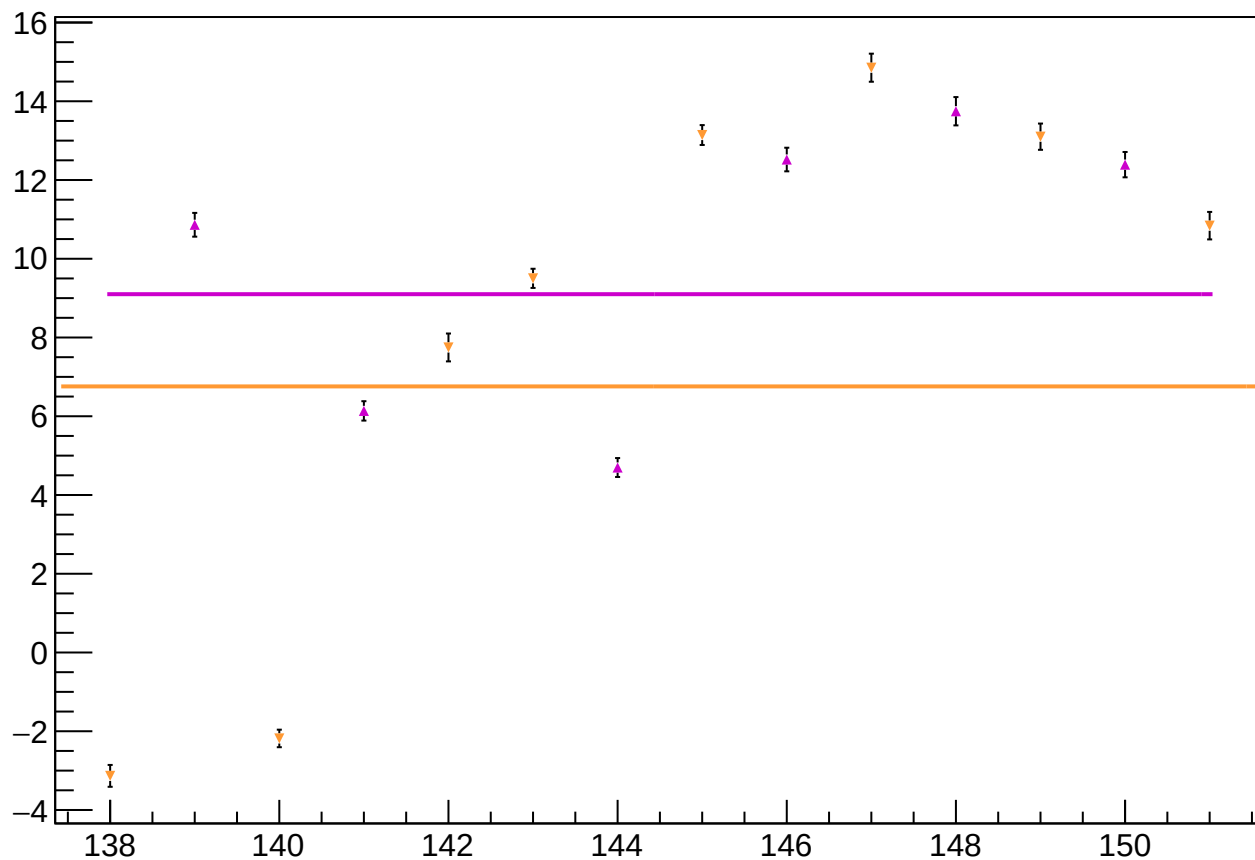
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.171 ± 0.005 χ^2/NDF : 10246.5/22

Out: 0.190 ± 0.004 χ^2/NDF : 11938.0/26

All: 0.181 ± 0.003 χ^2/NDF : 22194.0/49

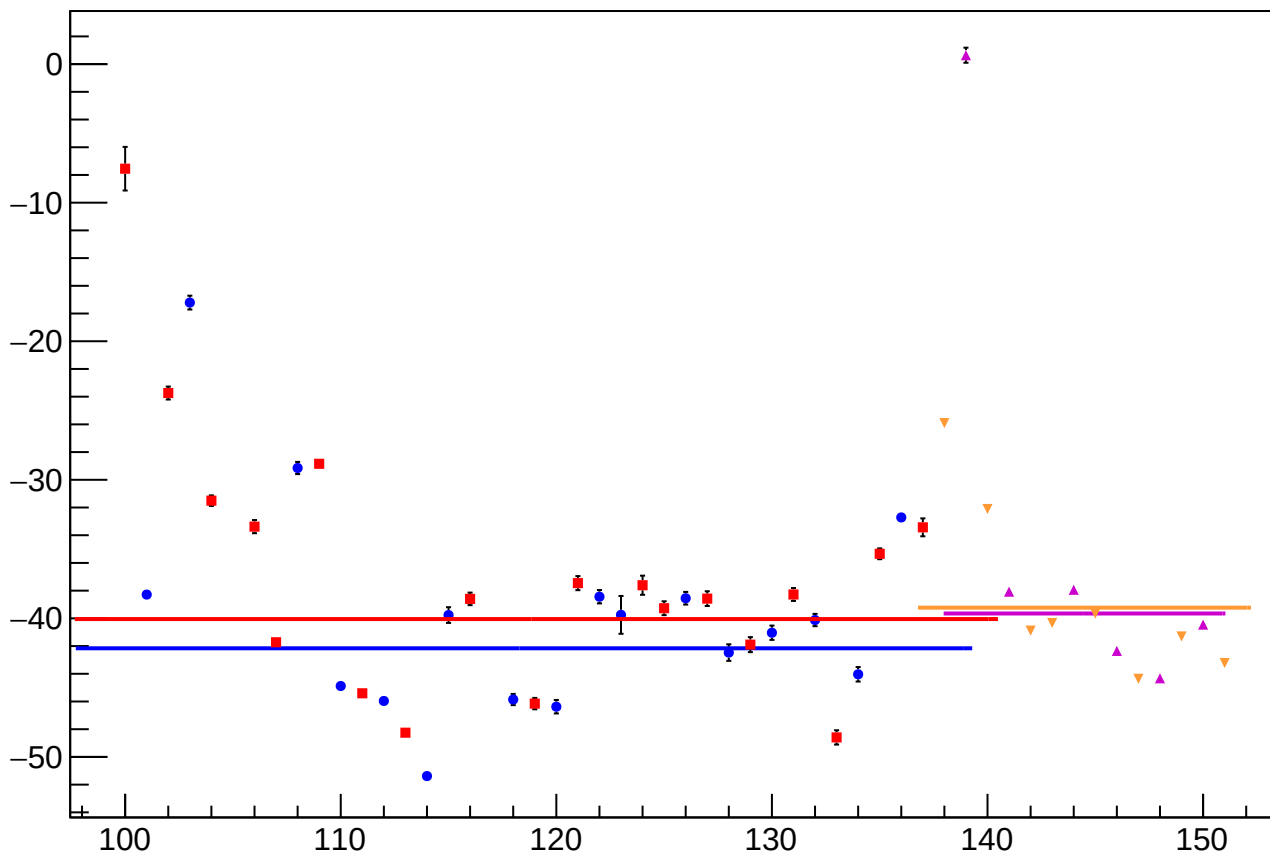
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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: 9.100+/-0.117 χ^2/NDF :916.1/5

Left: 7.756+/-0.076 χ^2/NDF : 5817.3/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.100+/-0.117 χ^2/NDF :916.1/5
 Out: 6.758+/-0.101 χ^2/NDF :4670.3/7
 All: 7.756+/-0.076 χ^2/NDF : 5817.3/13

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -39.227 ± 0.070 $\chi^2/\text{NDF}: 5484.3/7$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.648 ± 0.081 $\chi^2/\text{NDF}: 6585.2/5$

Left: -39.407 ± 0.053 $\chi^2/\text{NDF}: 12085.0/13$

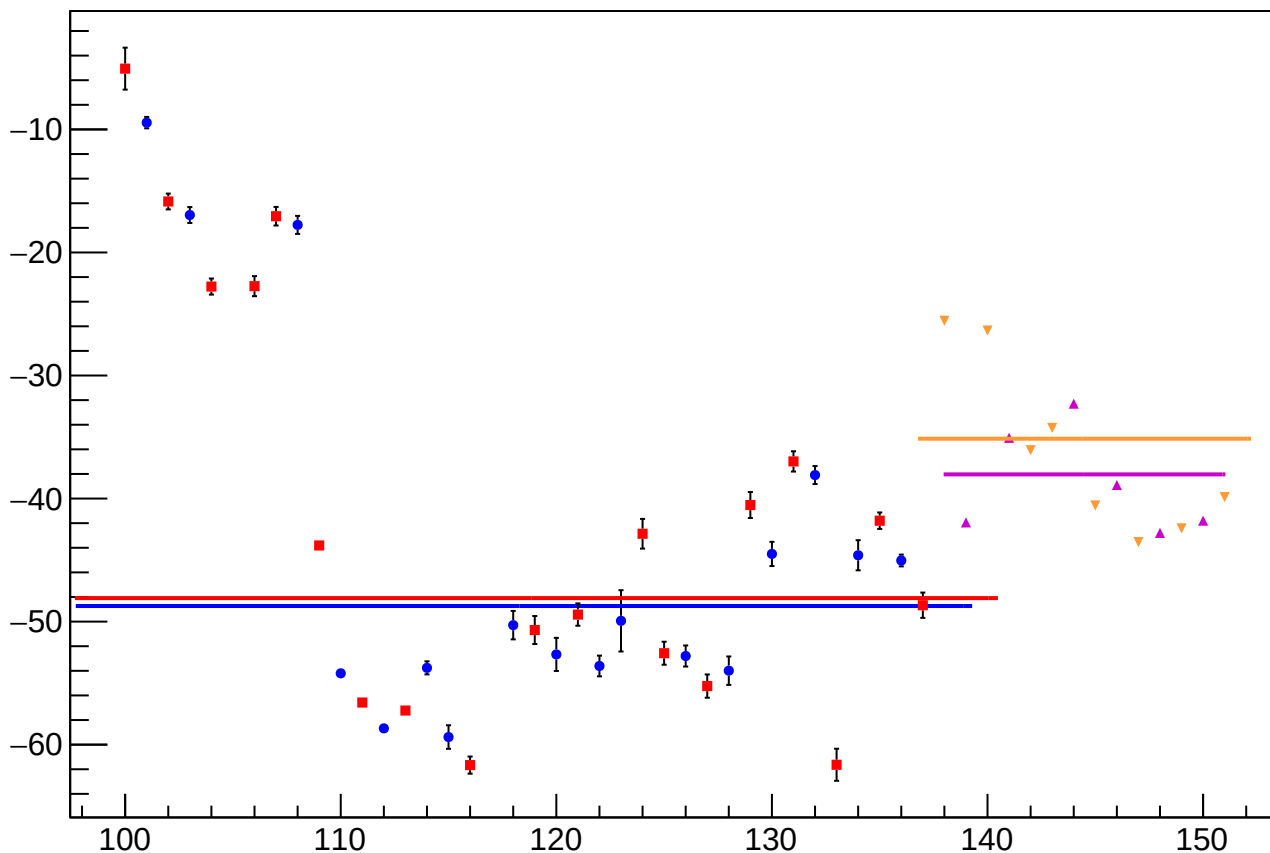
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.952 ± 0.056 $\chi^2/\text{NDF}: 13655.5/22$

Out: -39.622 ± 0.050 $\chi^2/\text{NDF}: 16862.2/26$

All: -40.216 ± 0.038 $\chi^2/\text{NDF}: 30828.2/49$

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: -38.036 ± 0.119 $\chi^2/\text{NDF}: 1135.1/5$

Left: -36.392 ± 0.078 $\chi^2/\text{NDF}: 5674.0/13$

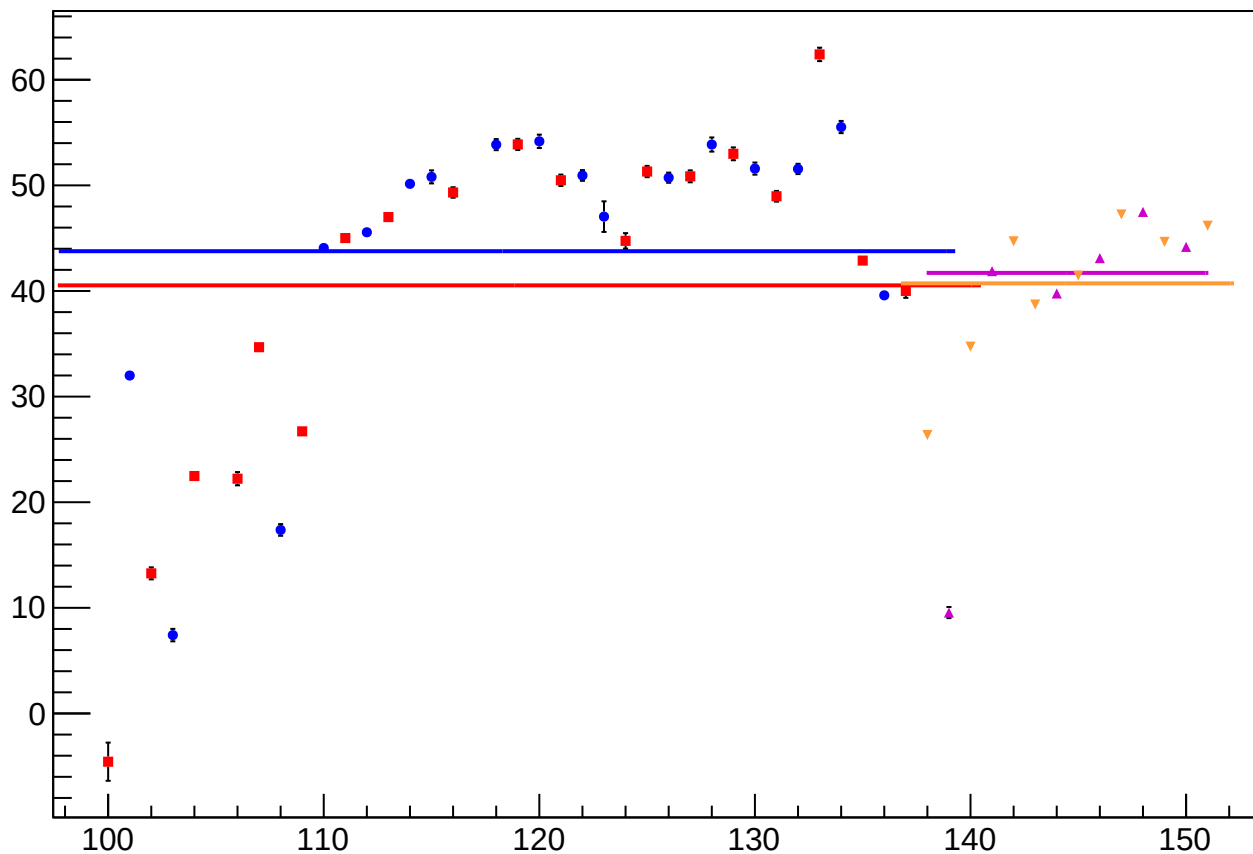
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -43.121 ± 0.086 $\chi^2/\text{NDF}: 19656.3/22$

Out: -41.403 ± 0.075 $\chi^2/\text{NDF}: 23466.4/26$

All: -42.141 ± 0.056 $\chi^2/\text{NDF}: 43350.5/49$

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: 41.714 $\pm$ 0.099 χ^2 /NDF:4542.4/5

Left: 41.146 $\pm$ 0.065 χ^2 /NDF: 9244.2/13

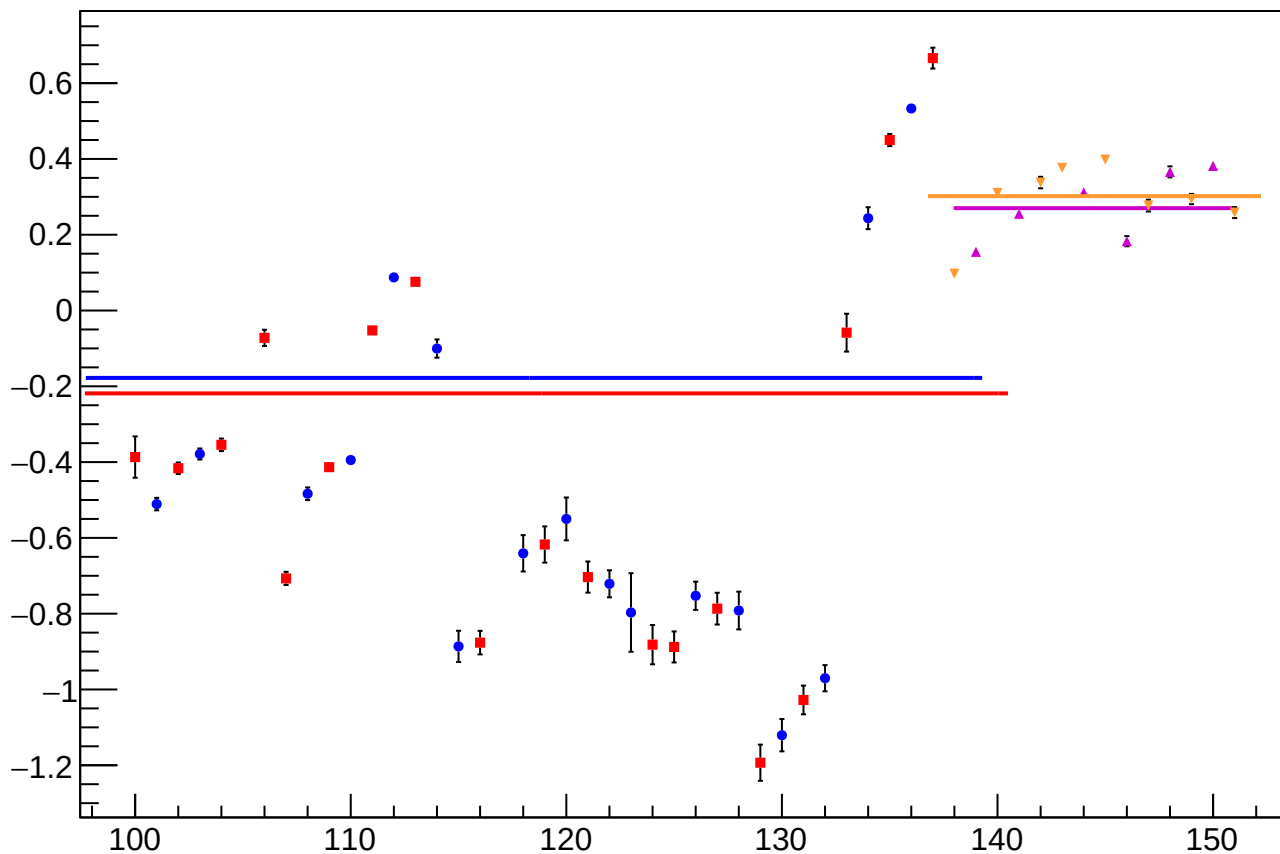
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.879 $\pm$ 0.065 χ^2 /NDF:15417.8/22

Out: 40.620 $\pm$ 0.059 χ^2 /NDF:22228.1/26

All: 41.626 $\pm$ 0.044 χ^2 /NDF: 38307.5/49

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: 0.270 ± 0.005 χ^2/NDF : 280.7/5

Left: 0.288 ± 0.003 χ^2/NDF : 750.6/13

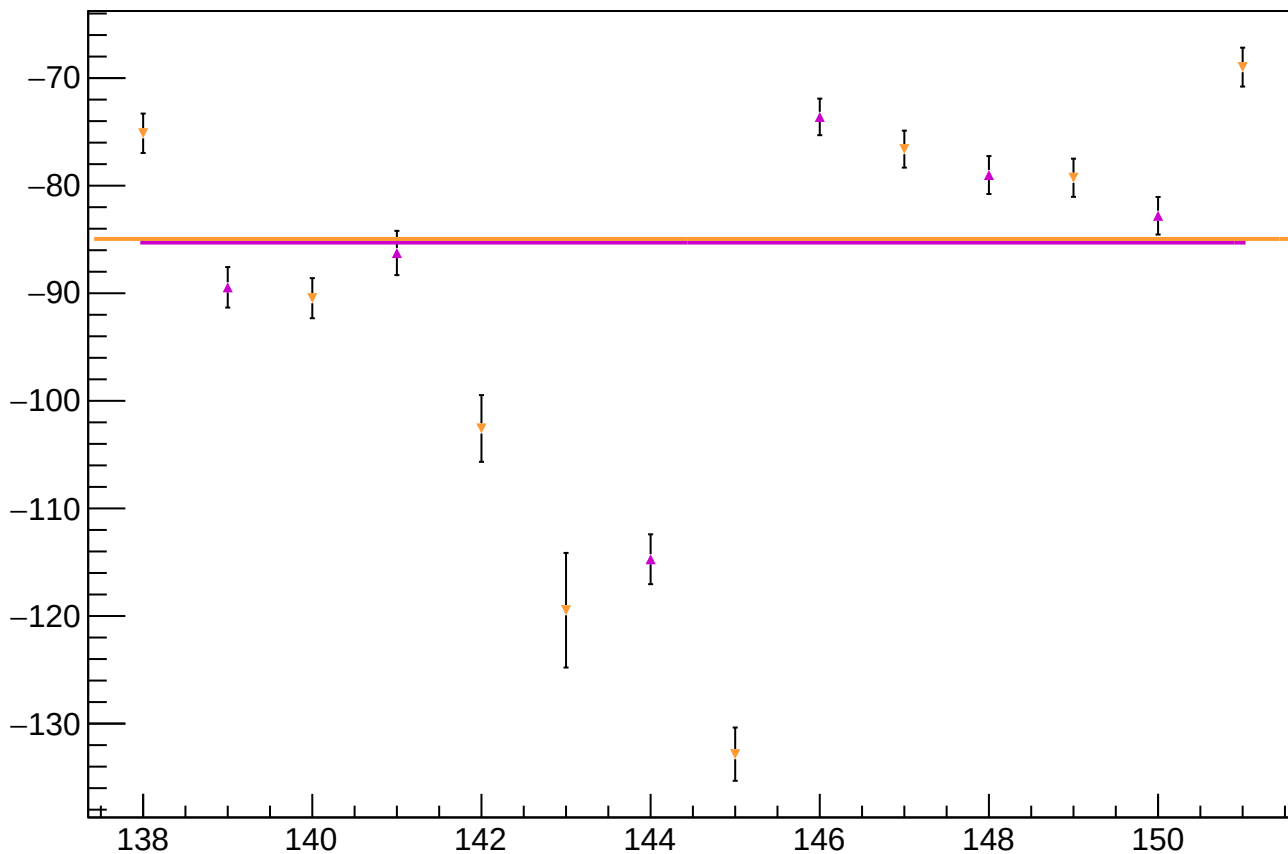
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.042 ± 0.003 χ^2/NDF : 11843.1/22

Out: 0.040 ± 0.003 χ^2/NDF : 15184.0/26

All: 0.041 ± 0.002 χ^2/NDF : 27027.4/49

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: -85.288+/-0.767 χ^2/NDF :228.4/5

Left: -85.111+/-0.531 χ^2/NDF : 826.3/13

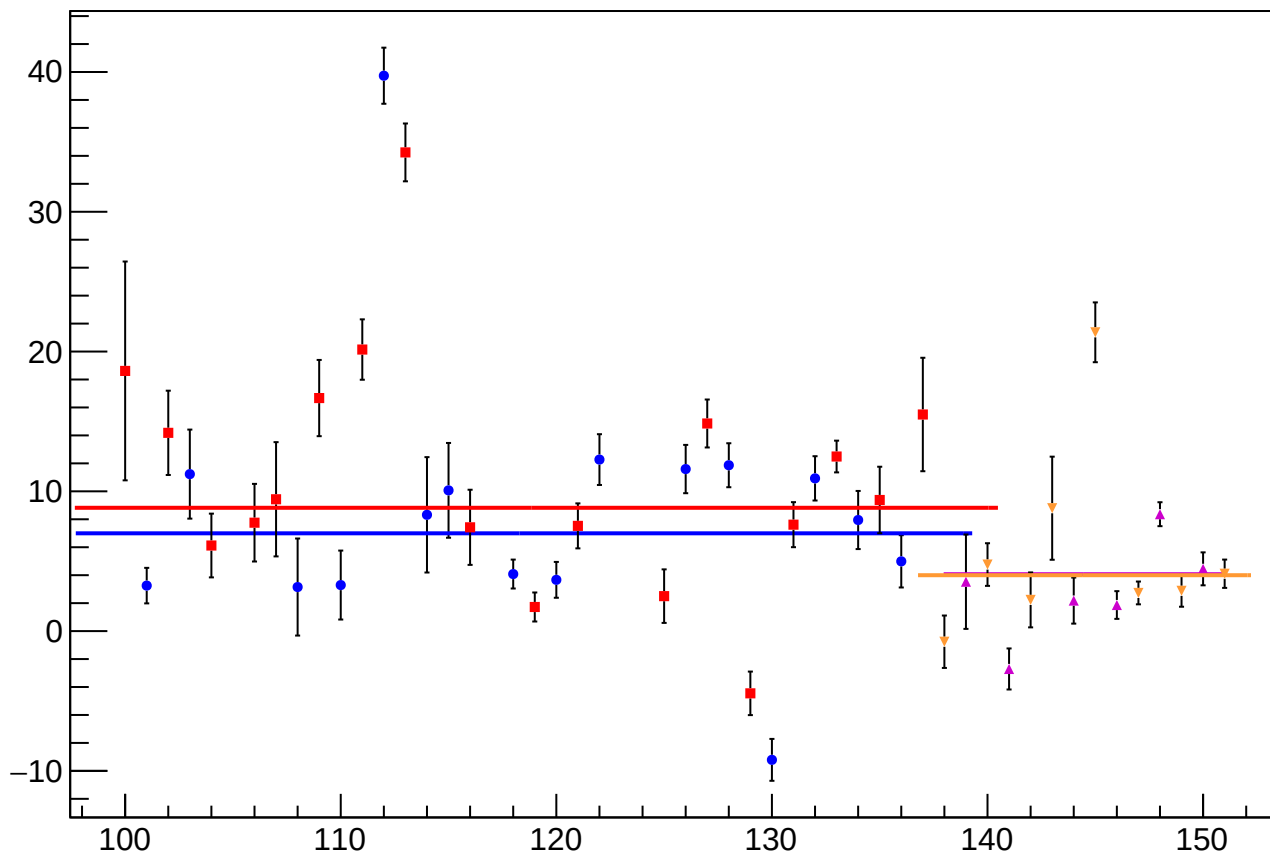
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -85.288+/-0.767 χ^2/NDF :228.4/5

Out: -84.949+/-0.735 χ^2/NDF :597.8/7

All: -85.111+/-0.531 χ^2/NDF : 826.3/13

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: 4.072 ± 0.499 $\chi^2/\text{NDF}: 52.9/5$

Left: 4.033 ± 0.342 $\chi^2/\text{NDF}: 131.4/13$

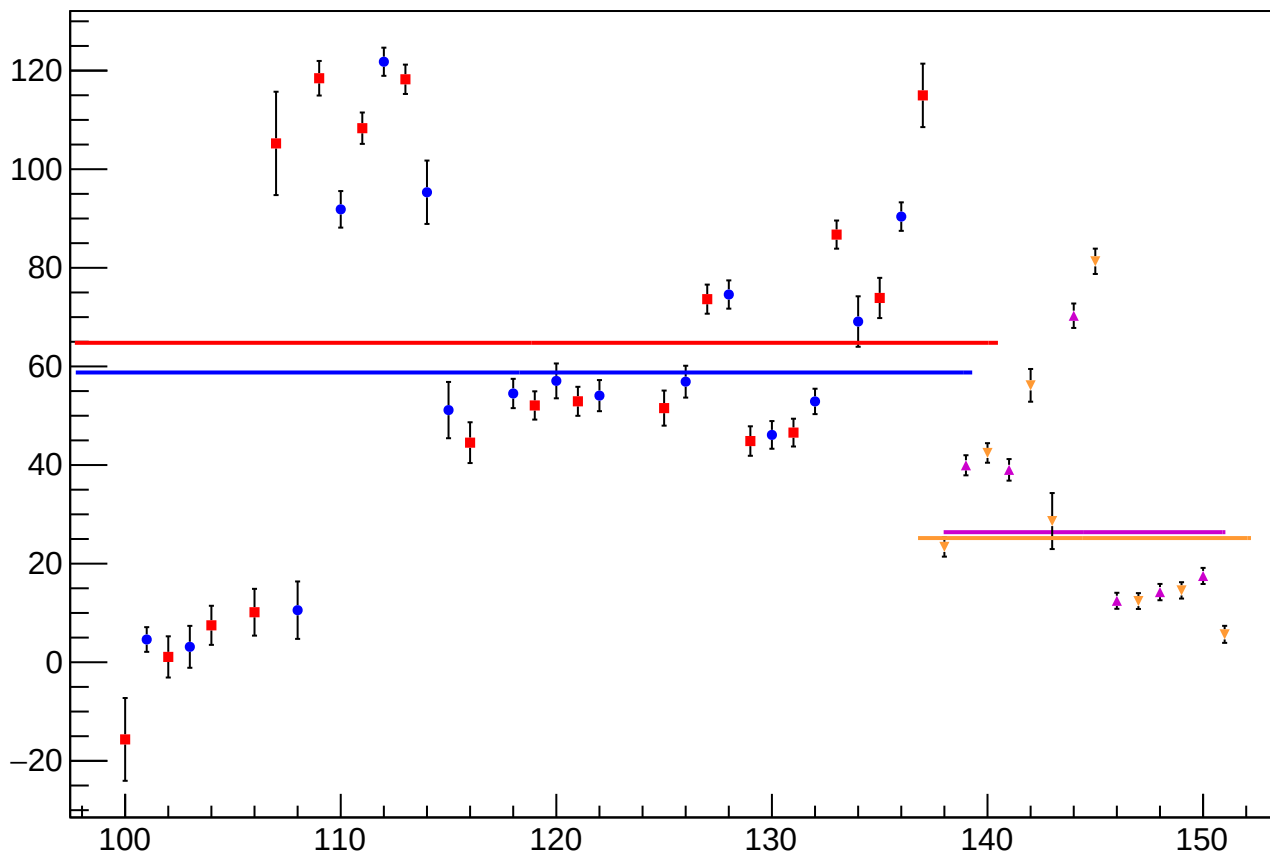
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.735 ± 0.327 $\chi^2/\text{NDF}: 517.8/21$

Out: 6.525 ± 0.325 $\chi^2/\text{NDF}: 484.0/25$

All: 6.134 ± 0.231 $\chi^2/\text{NDF}: 1004.7/47$

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: 26.383 $\pm$ 0.760 χ^2 /NDF: 548.5/5

Left: 25.763 $\pm$ 0.527 χ^2 /NDF: 1423.1/13

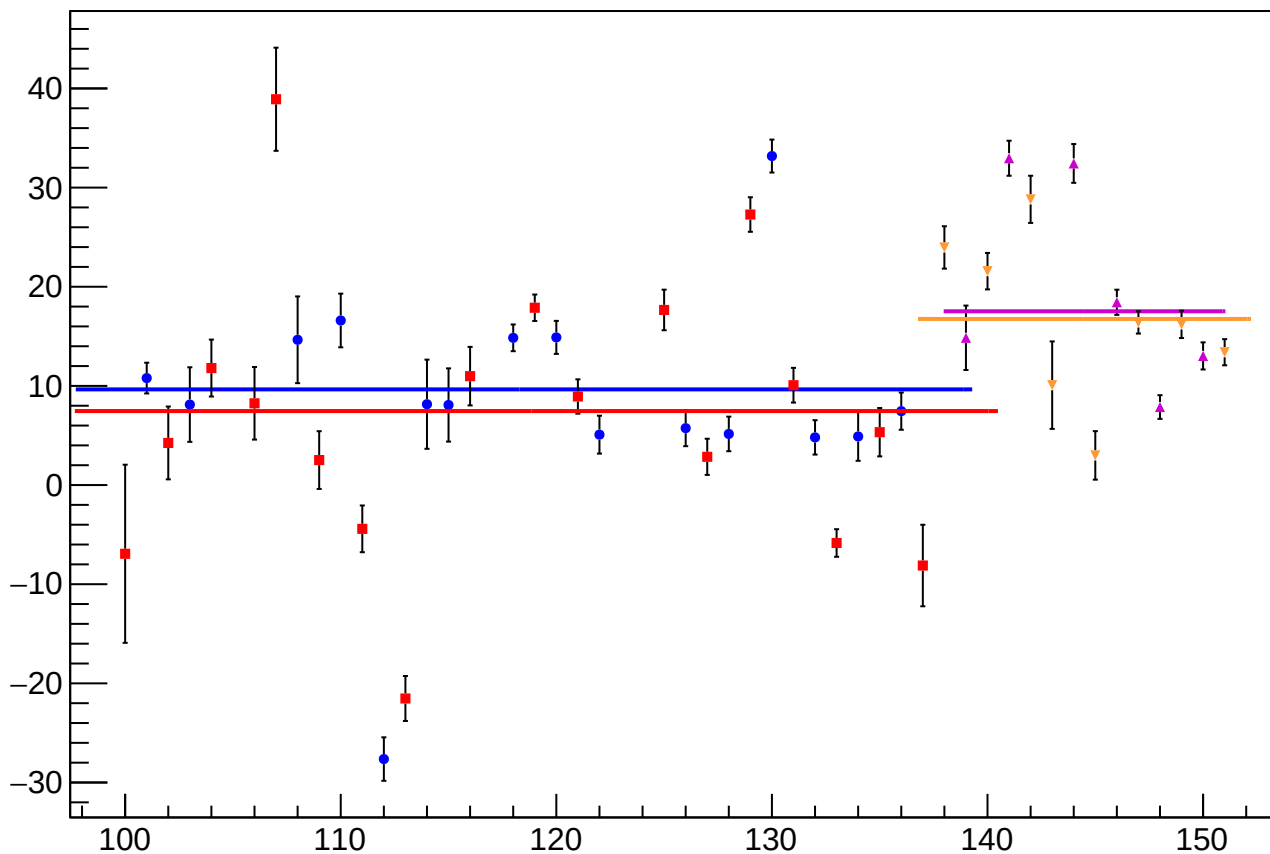
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 41.090 $\pm$ 0.561 χ^2 /NDF: 2867.2/21

Out: 42.265 $\pm$ 0.552 χ^2 /NDF: 3854.3/25

All: 41.687 $\pm$ 0.394 χ^2 /NDF: 6723.7/47

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: 17.527 ± 0.629 $\chi^2/\text{NDF}: 211.7/5$

Left: 17.120 ± 0.433 $\chi^2/\text{NDF}: 297.1/13$

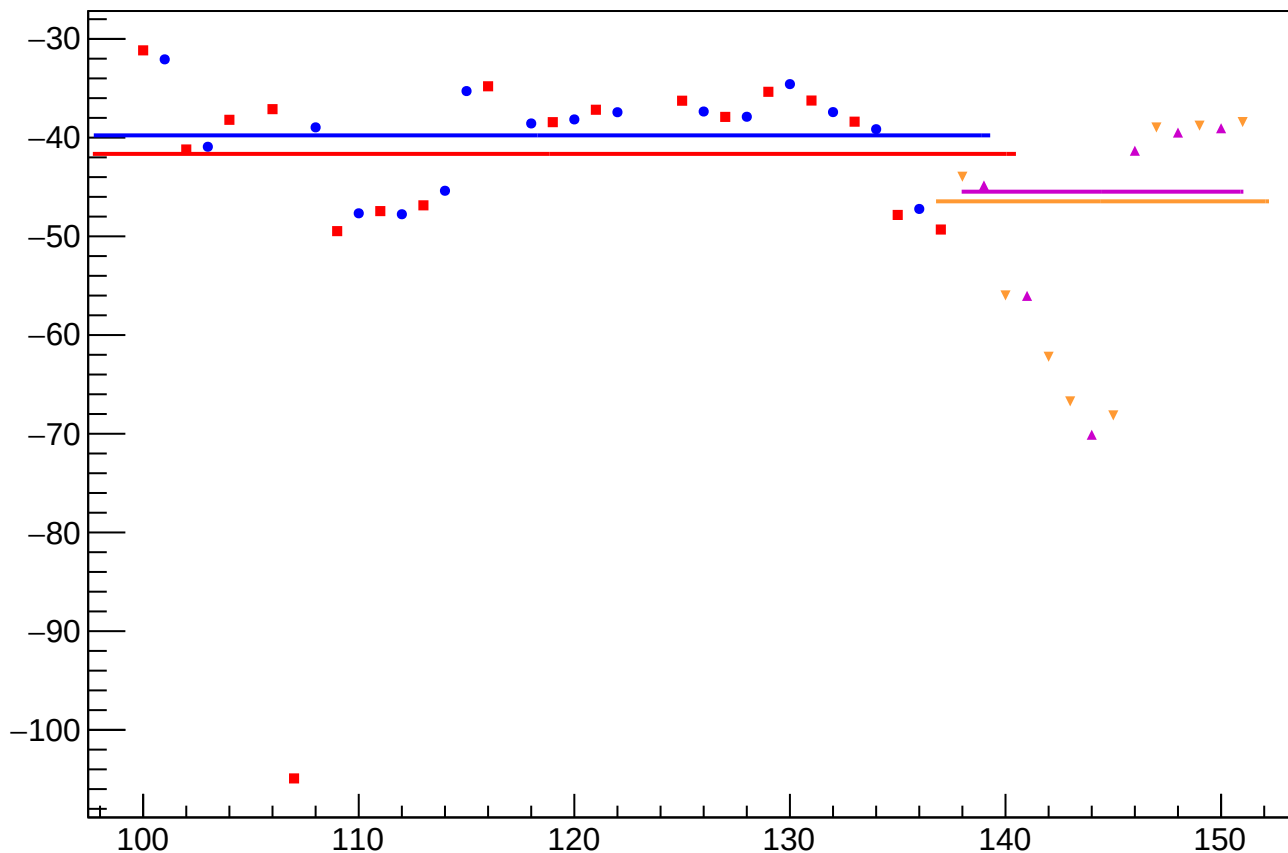
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 12.717 ± 0.392 $\chi^2/\text{NDF}: 861.2/21$

Out: 11.431 ± 0.390 $\chi^2/\text{NDF}: 790.2/25$

All: 12.070 ± 0.277 $\chi^2/\text{NDF}: 1656.7/47$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -46.454 ± 0.031 $\chi^2/\text{NDF}: 113111.0/7$

Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$

Left In: -45.476 ± 0.032 $\chi^2/\text{NDF}: 84646.5/5$

Left: -45.969 ± 0.022 $\chi^2/\text{NDF}: 198239.9/13$

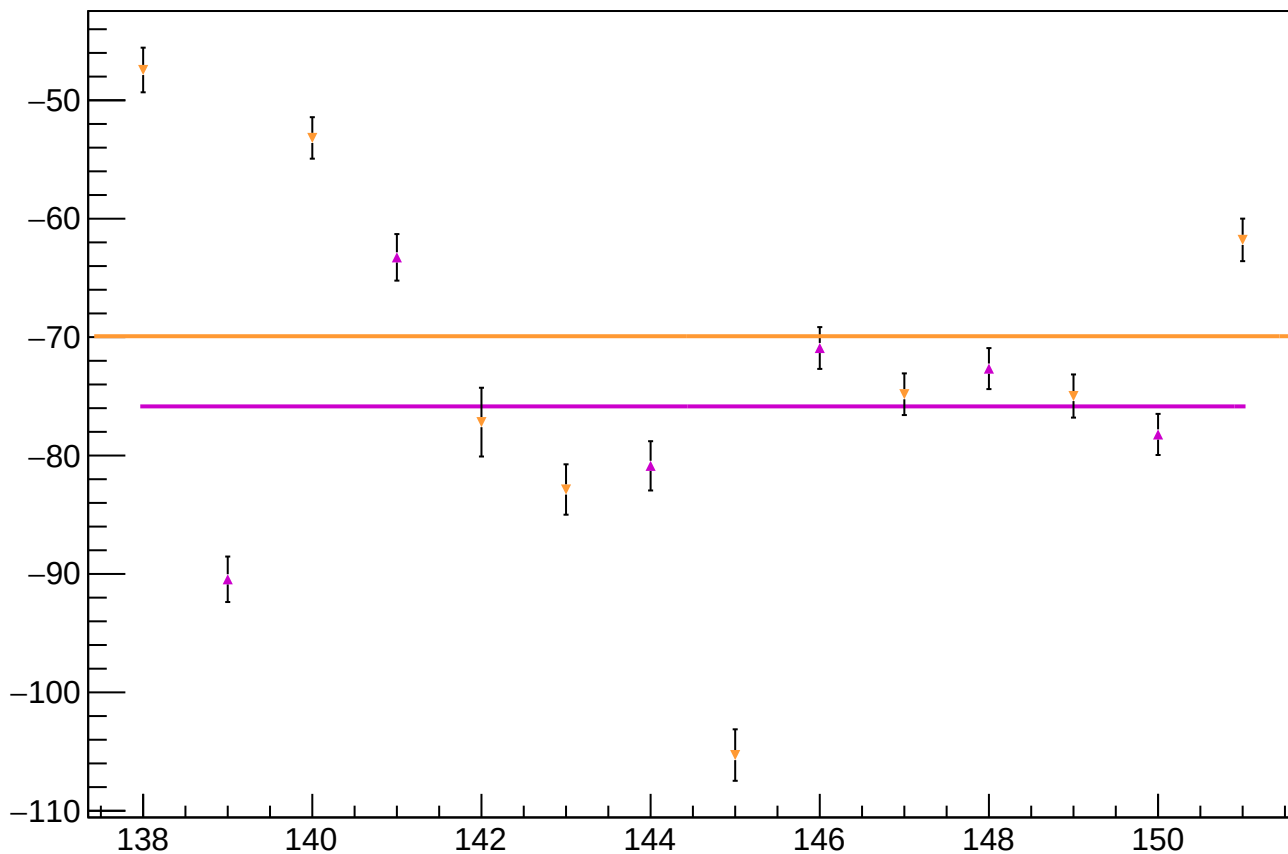
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -42.575 ± 0.022 $\chi^2/\text{NDF}: 127357.5/21$

Out: -44.038 ± 0.022 $\chi^2/\text{NDF}: 219433.1/25$

All: -43.309 ± 0.016 $\chi^2/\text{NDF}: 348971.2/47$

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: -75.850+/-0.756 χ^2/NDF :117.7/5

Left: -72.621+/-0.510 χ^2/NDF : 728.7/13

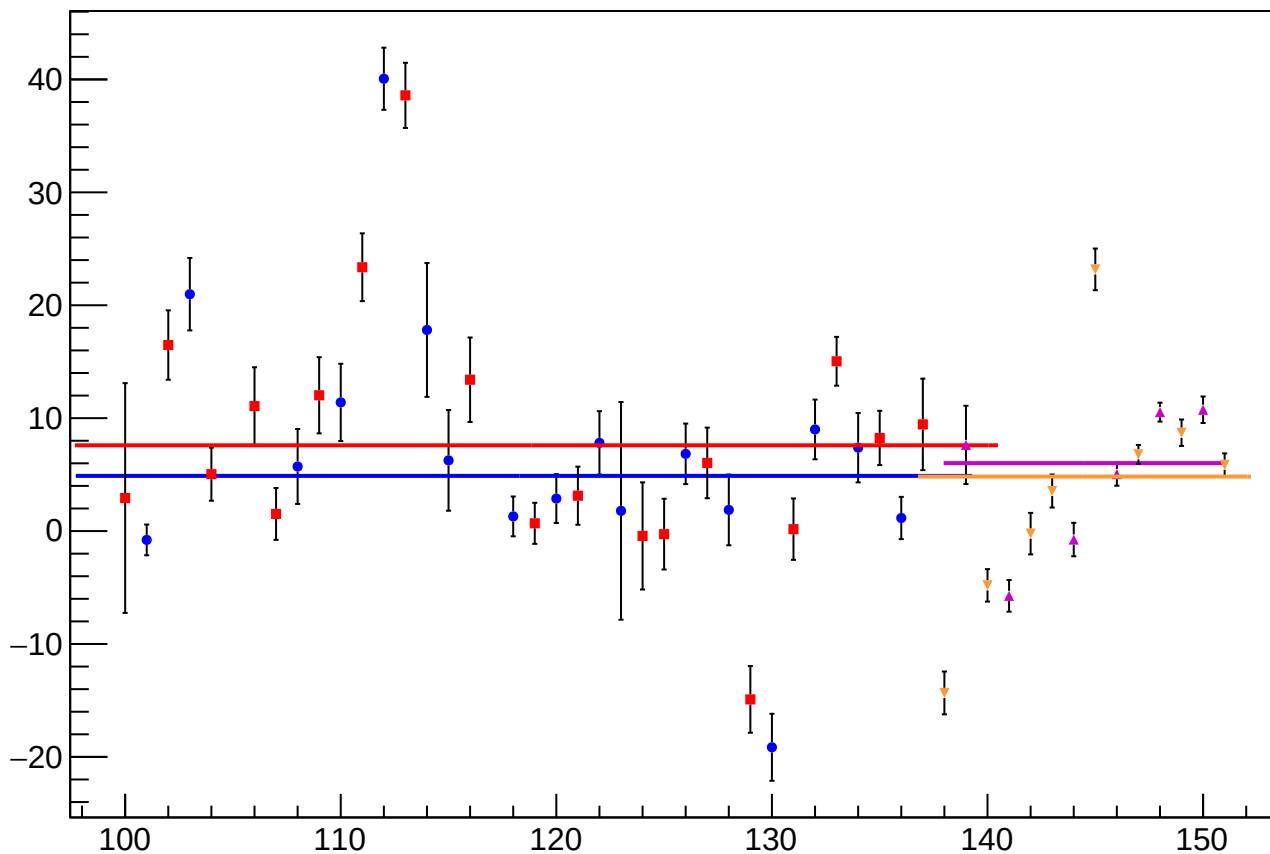
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.850+/-0.756 χ^2/NDF :117.7/5

Out: -69.924+/-0.691 χ^2/NDF :577.5/7

All: -72.621+/-0.510 χ^2/NDF : 728.7/13

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: 6.019 ± 0.491 χ^2/NDF : 137.4/5

Left: 5.369 ± 0.331 χ^2/NDF : 412.6/13

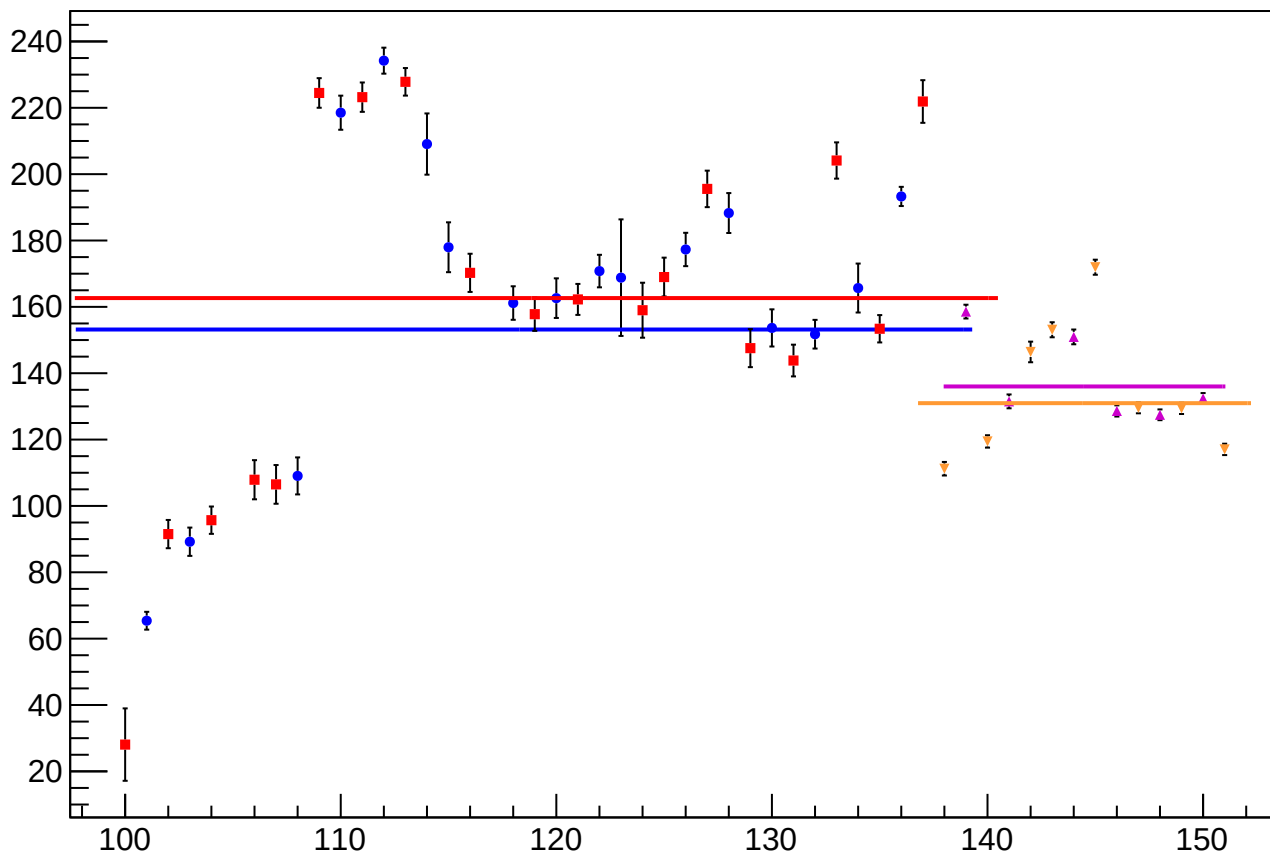
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 5.584 ± 0.386 χ^2/NDF : 434.2/22

Out: 5.719 ± 0.369 χ^2/NDF : 553.7/26

All: 5.654 ± 0.267 χ^2/NDF : 987.9/49

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 130.976+/-0.694 χ^2/NDF : 644.9/7

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 136.010+/-0.751 χ^2/NDF : 219.3/5

Left: 133.296+/-0.510 χ^2/NDF : 888.5/13

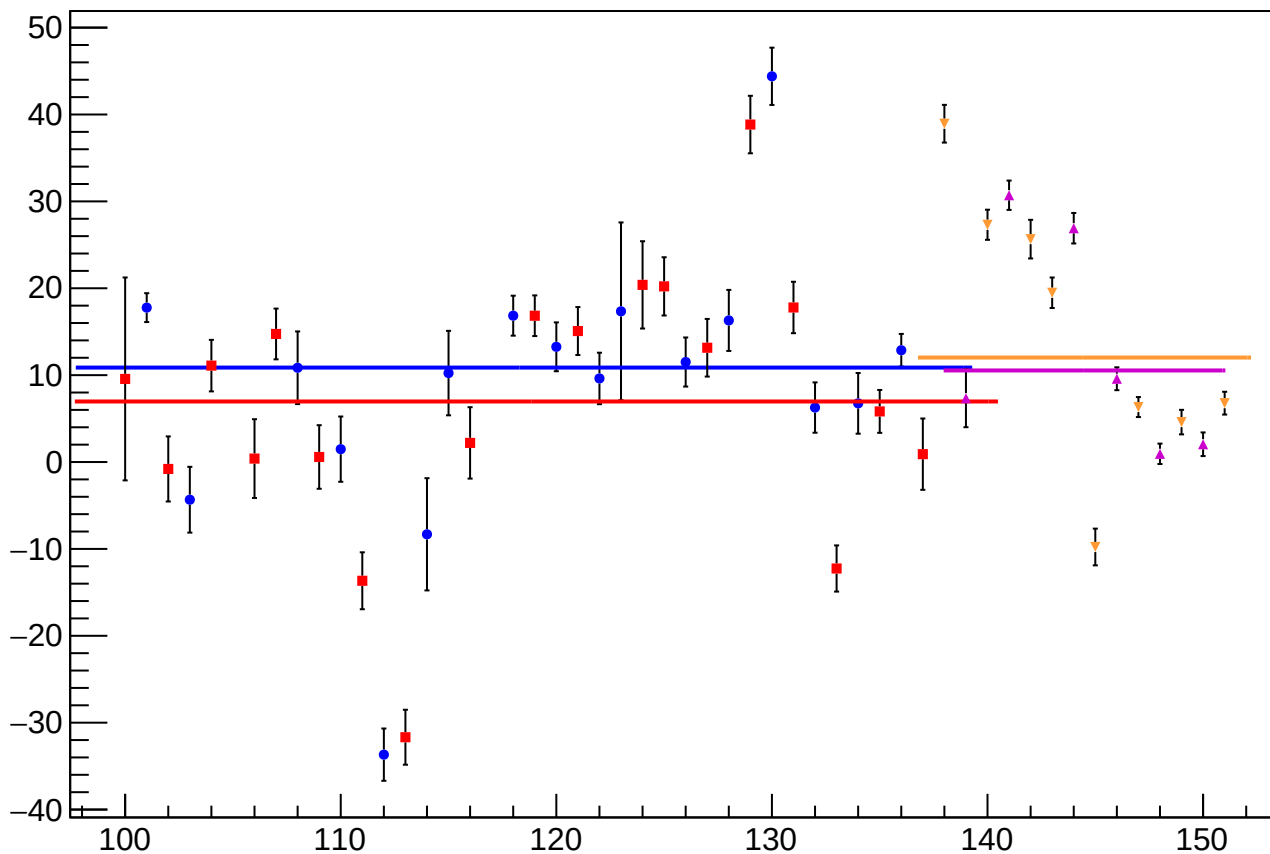
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 141.164+/-0.628 χ^2/NDF : 2640.4/22

Out: 139.163+/-0.598 χ^2/NDF : 2891.3/26

All: 140.114+/-0.433 χ^2/NDF : 5537.0/49

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: 10.541 $\pm$ 0.619 χ^2 /NDF:336.9/5

Left: 11.352 $\pm$ 0.417 χ^2 /NDF: 801.8/13

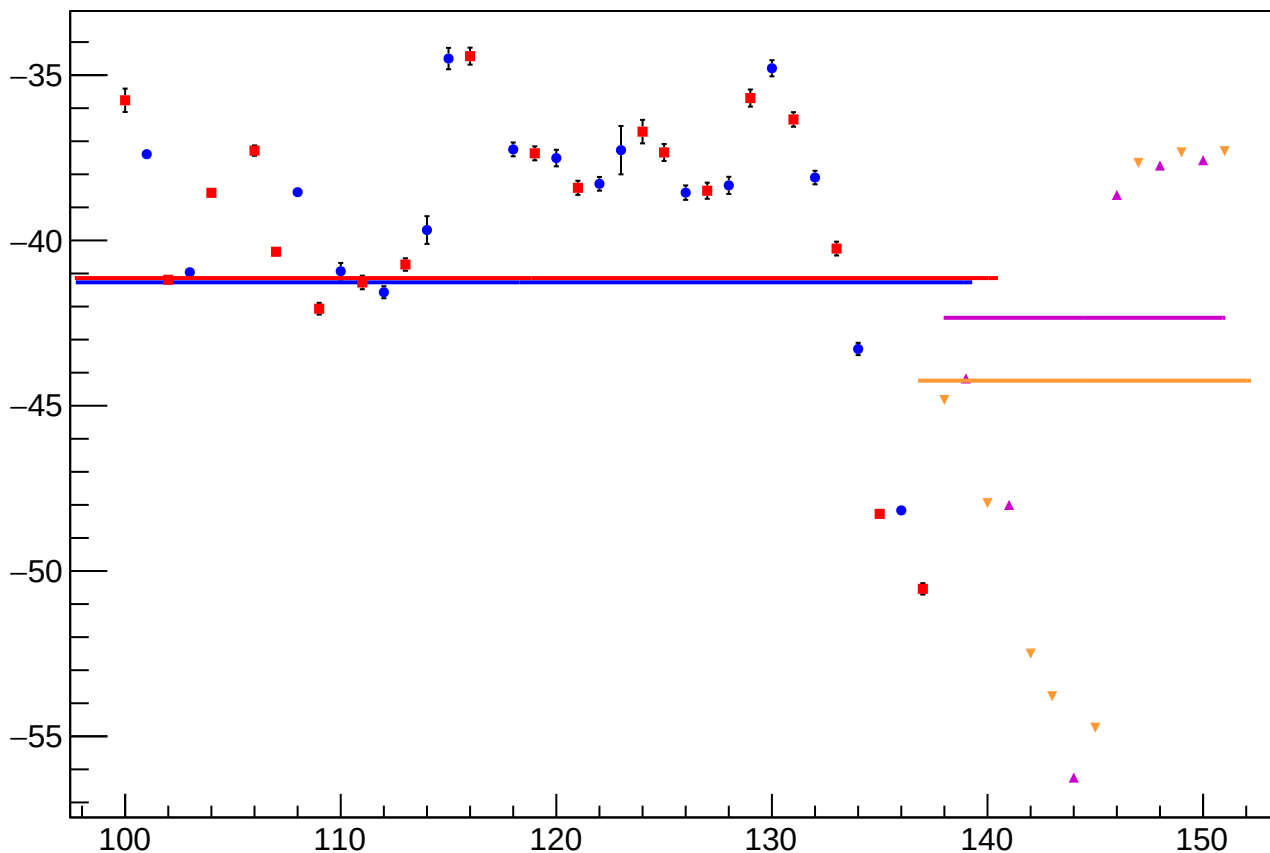
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 10.683 $\pm$ 0.468 χ^2 /NDF:723.7/22

Out: 10.189 $\pm$ 0.451 χ^2 /NDF:913.3/26

All: 10.426 $\pm$ 0.325 χ^2 /NDF: 1637.6/49

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -44.242 ± 0.030 χ^2/NDF : 55830.4/7

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -42.340 ± 0.031 χ^2/NDF : 37127.7/5

Left: -43.345 ± 0.021 χ^2/NDF : 94908.8/13

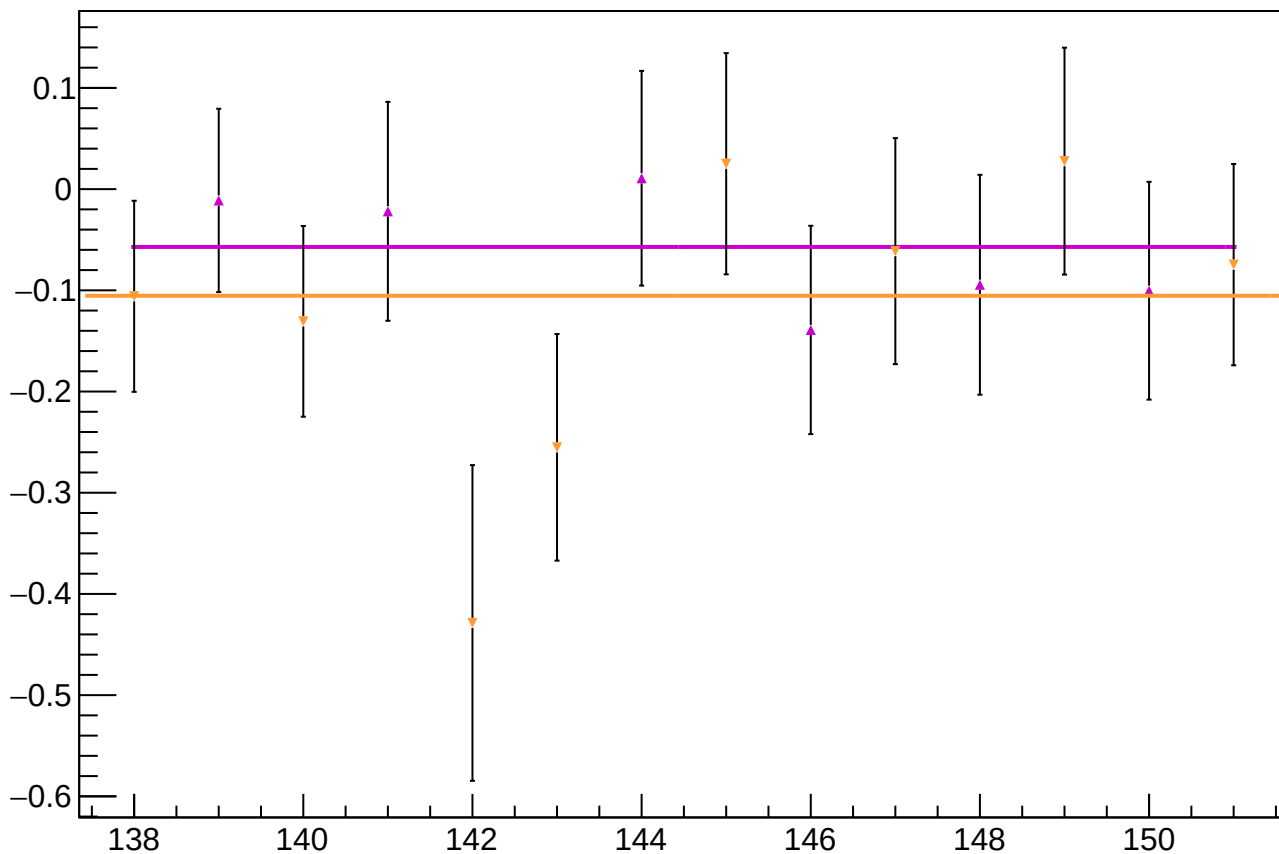
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -41.913 ± 0.024 χ^2/NDF : 50176.6/22

Out: -43.095 ± 0.023 χ^2/NDF : 72143.3/26

All: -42.524 ± 0.017 χ^2/NDF : 123543.3/49

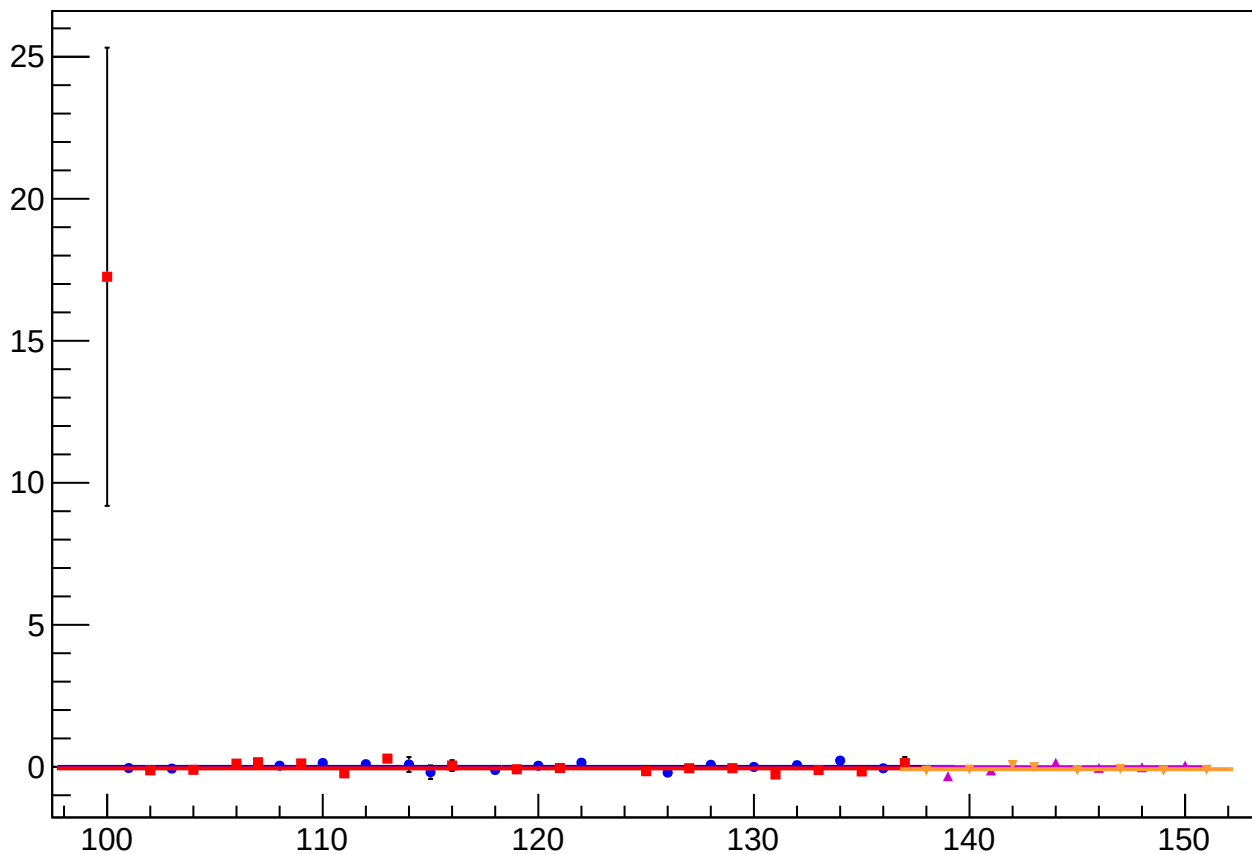
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.105 $\pm$ 0.038 χ^2 /NDF:9.2/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.057 $\pm$ 0.042 χ^2 /NDF:1.7/5

Left: -0.084 $\pm$ 0.028 χ^2 /NDF: 11.7/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.057 $\pm$ 0.042 χ^2 /NDF:1.7/5
 Out: -0.105 $\pm$ 0.038 χ^2 /NDF:9.2/7
 All: -0.084 $\pm$ 0.028 χ^2 /NDF: 11.7/13

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: -0.011 ± 0.029 χ^2/NDF : 10.9/5

Left: -0.051 ± 0.019 χ^2/NDF : 18.4/13

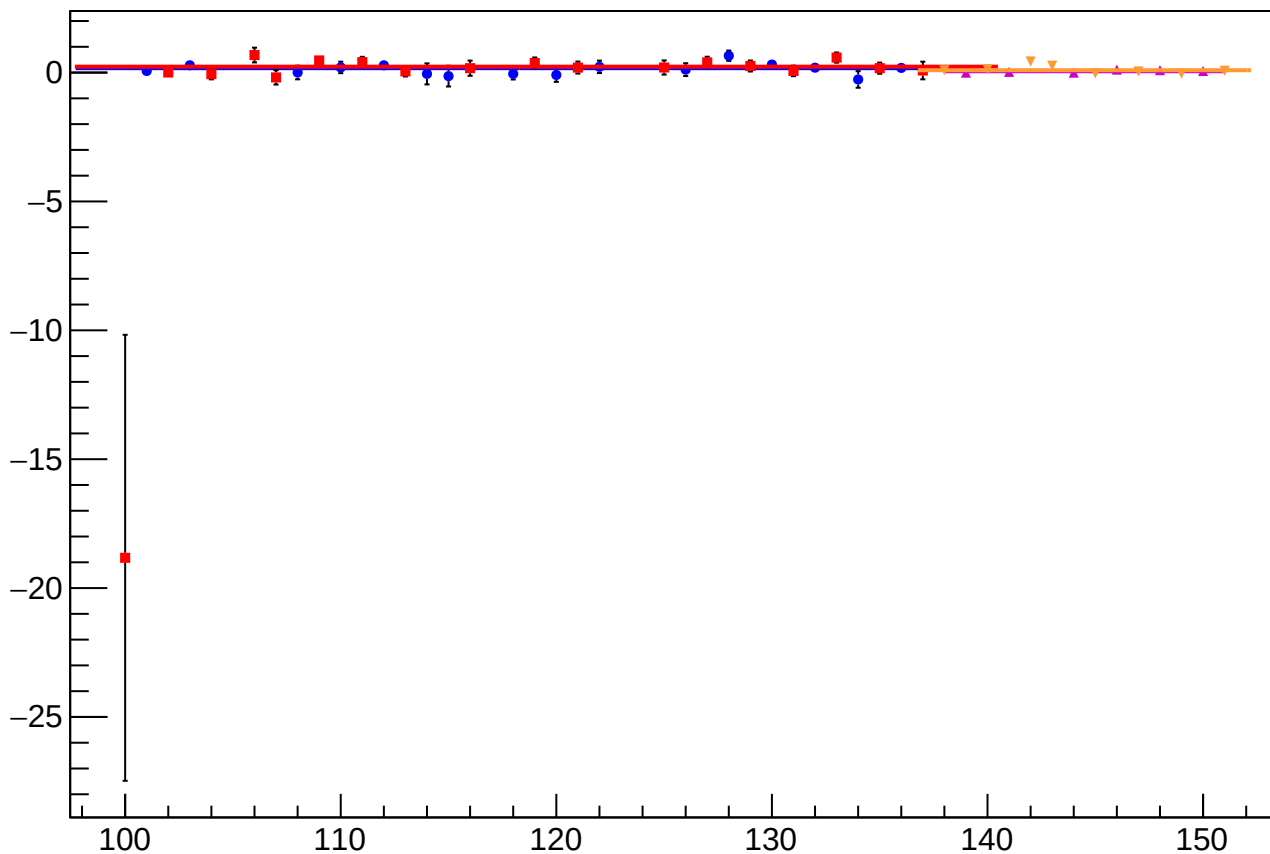
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.006 ± 0.020 χ^2/NDF : 23.1/21

Out: -0.070 ± 0.019 χ^2/NDF : 30.2/25

All: -0.040 ± 0.014 χ^2/NDF : 58.4/47

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: 0.052 $\pm$ 0.042 χ^2 /NDF:1.2/5

Left: 0.074 $\pm$ 0.029 χ^2 /NDF: 11.1/13

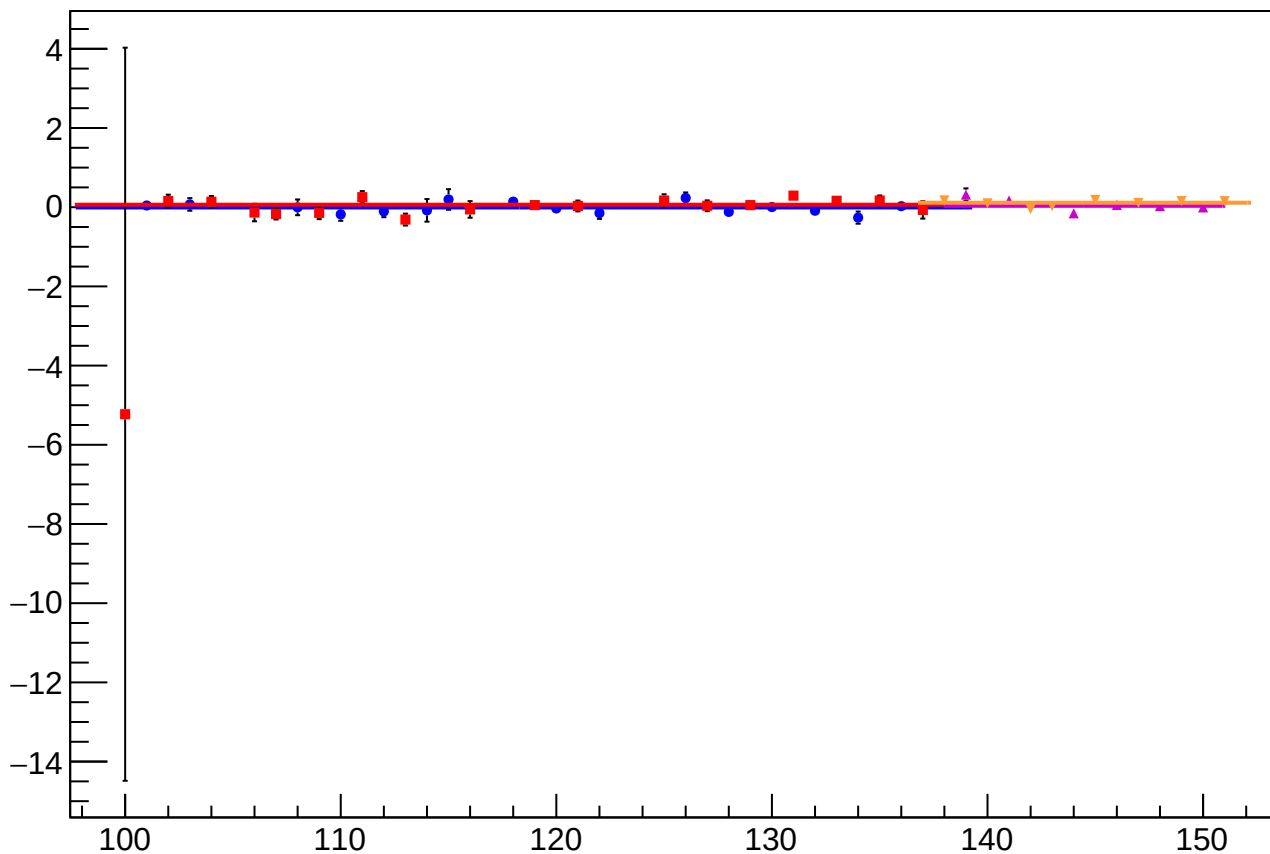
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.099 $\pm$ 0.033 χ^2 /NDF:17.3/21

Out: 0.138 $\pm$ 0.031 χ^2 /NDF:35.4/25

All: 0.120 $\pm$ 0.023 χ^2 /NDF: 53.4/47

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: 0.035 ± 0.036 χ^2/NDF : 10.0/5

Left: 0.078 ± 0.024 χ^2/NDF : 16.5/13

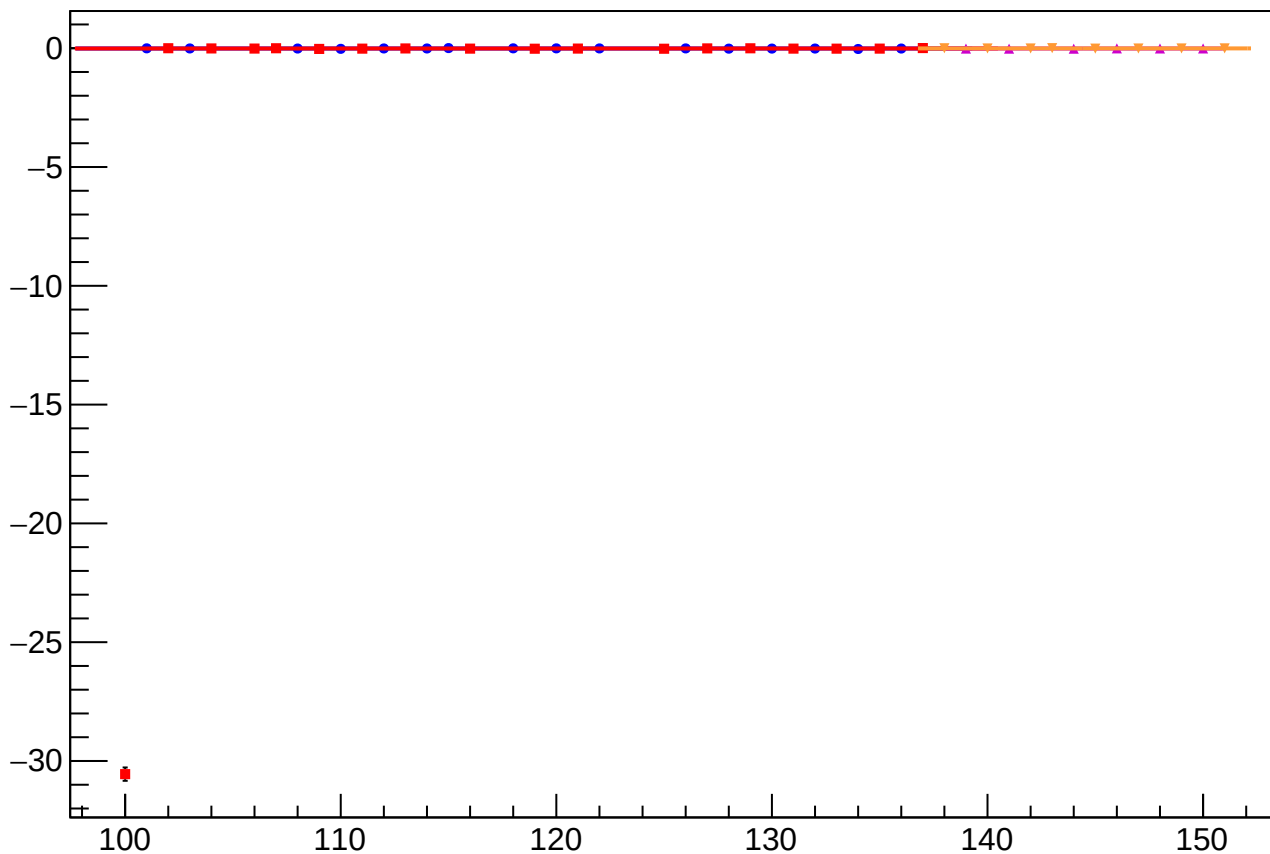
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.012 ± 0.024 χ^2/NDF : 24.0/21

Out: 0.088 ± 0.023 χ^2/NDF : 25.4/25

All: 0.052 ± 0.017 χ^2/NDF : 54.5/47

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: -0.013 $\pm$ 0.002 χ^2 /NDF:6.8/5

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 25.0/13

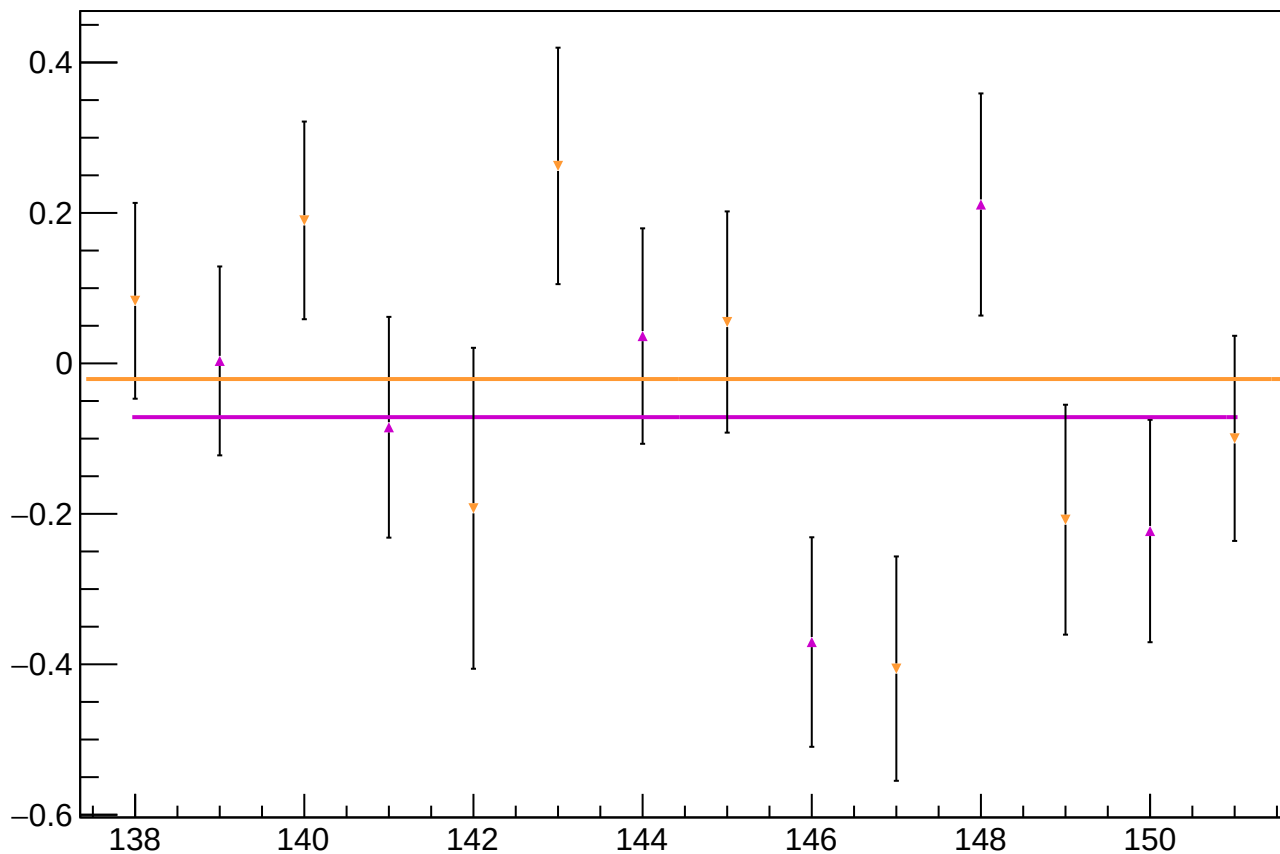
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.013 $\pm$ 0.001 χ^2 /NDF:19.9/21

Out: -0.010 $\pm$ 0.001 χ^2 /NDF:11906.5/25

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11929.3/47

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: -0.071 $\pm$ 0.058 χ^2 /NDF:10.3/5

Left: -0.044 $\pm$ 0.039 χ^2 /NDF: 26.5/13

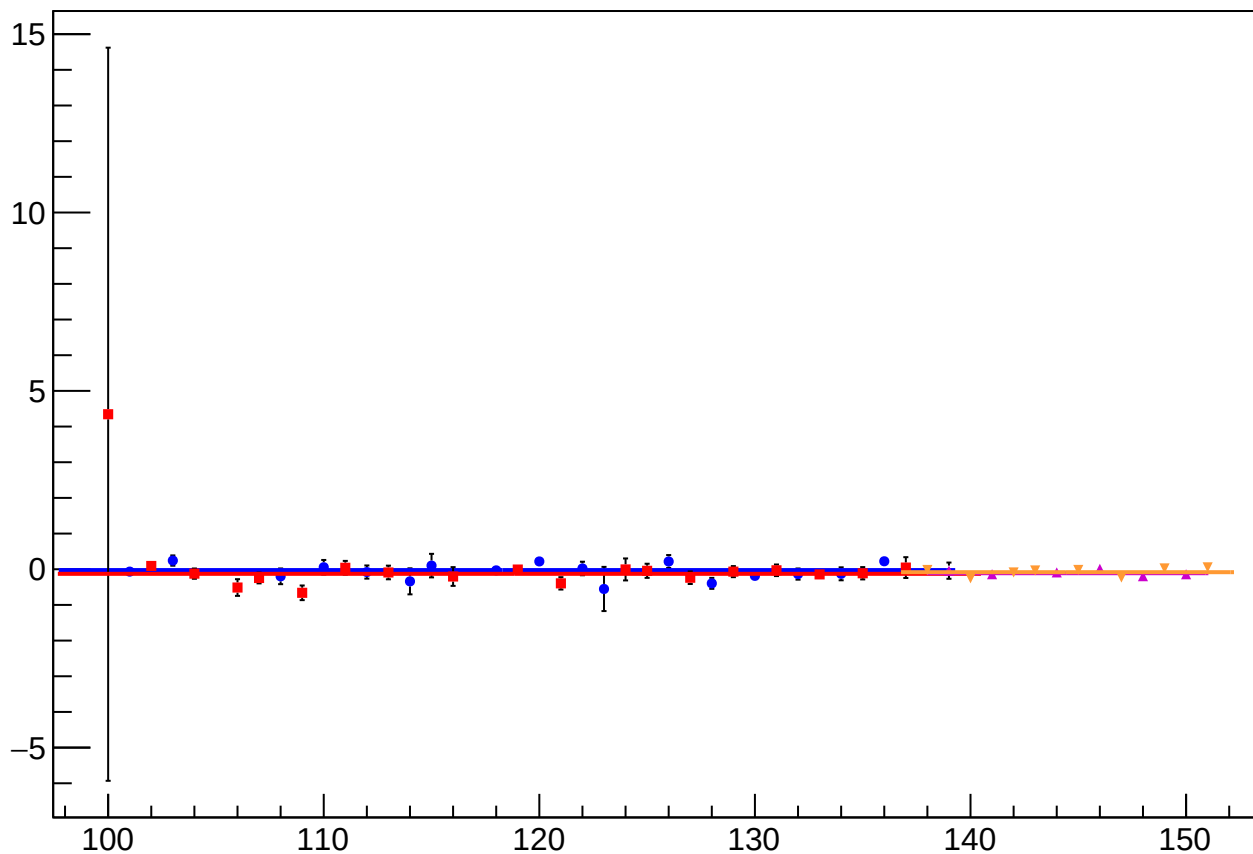
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.071 $\pm$ 0.058 χ^2 /NDF:10.3/5

Out: -0.021 $\pm$ 0.052 χ^2 /NDF:15.9/7

All: -0.044 $\pm$ 0.039 χ^2 /NDF: 26.5/13

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: -0.111 ± 0.039 χ^2/NDF : 3.9/5

Left: -0.095 ± 0.026 χ^2/NDF : 16.1/13

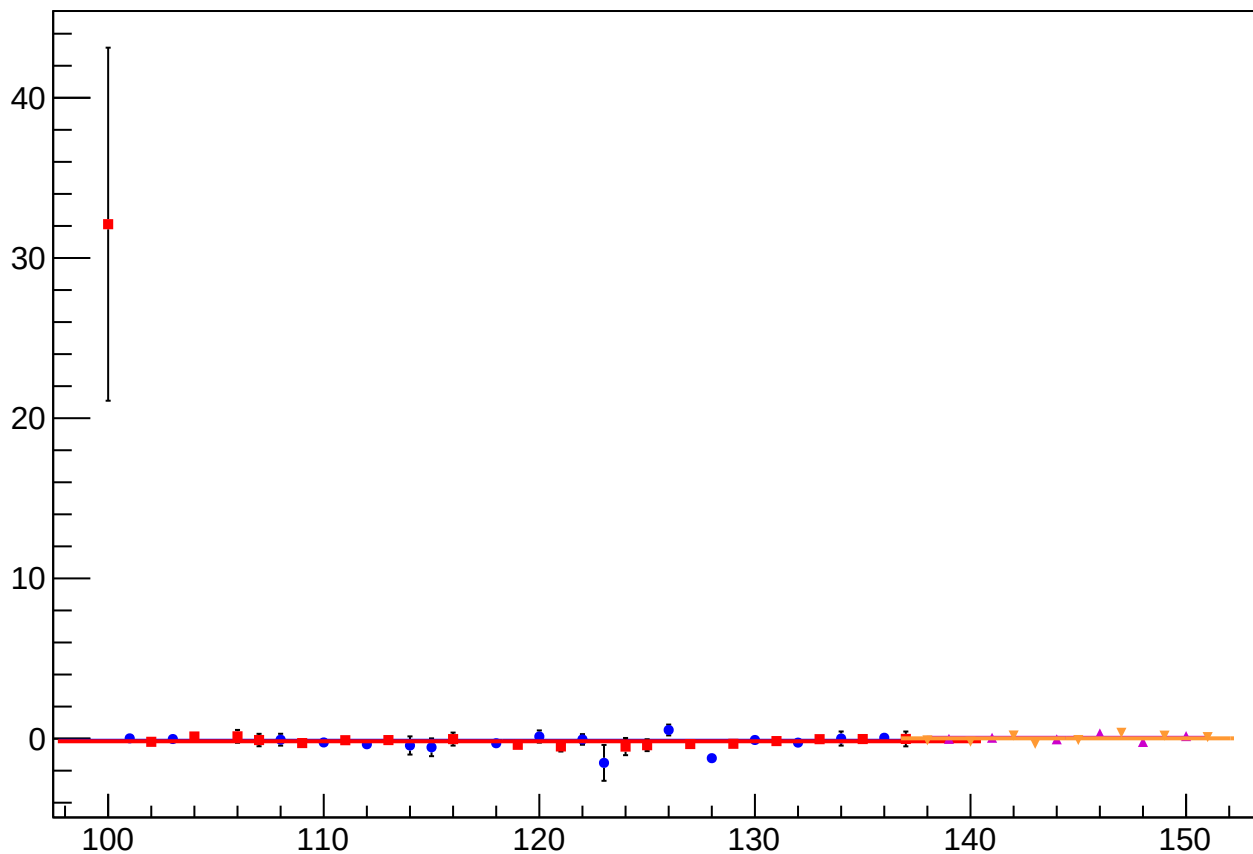
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.064 ± 0.027 χ^2/NDF : 29.0/22

Out: -0.103 ± 0.026 χ^2/NDF : 31.4/26

All: -0.084 ± 0.019 χ^2/NDF : 61.5/49

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: 0.051 ± 0.058 $\chi^2/\text{NDF}: 8.9/5$

Left: 0.033 ± 0.039 $\chi^2/\text{NDF}: 25.3/13$

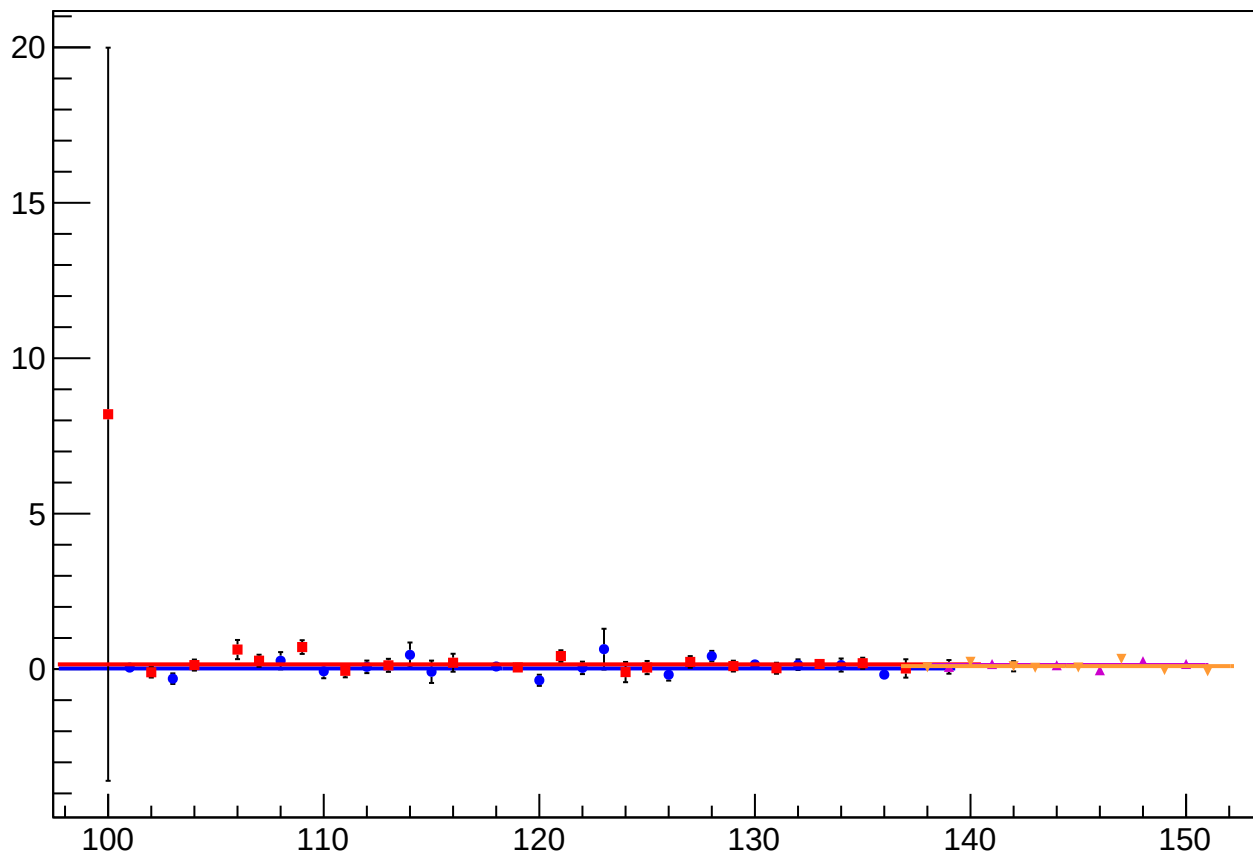
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.028 ± 0.044 $\chi^2/\text{NDF}: 39.0/22$

Out: -0.048 ± 0.042 $\chi^2/\text{NDF}: 35.2/26$

All: -0.038 ± 0.030 $\chi^2/\text{NDF}: 74.3/49$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.095 $\pm$ 0.044 χ^2 /NDF:11.1/7

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.130 $\pm$ 0.049 χ^2 /NDF:4.3/5

Left: 0.111 $\pm$ 0.033 χ^2 /NDF: 15.6/13

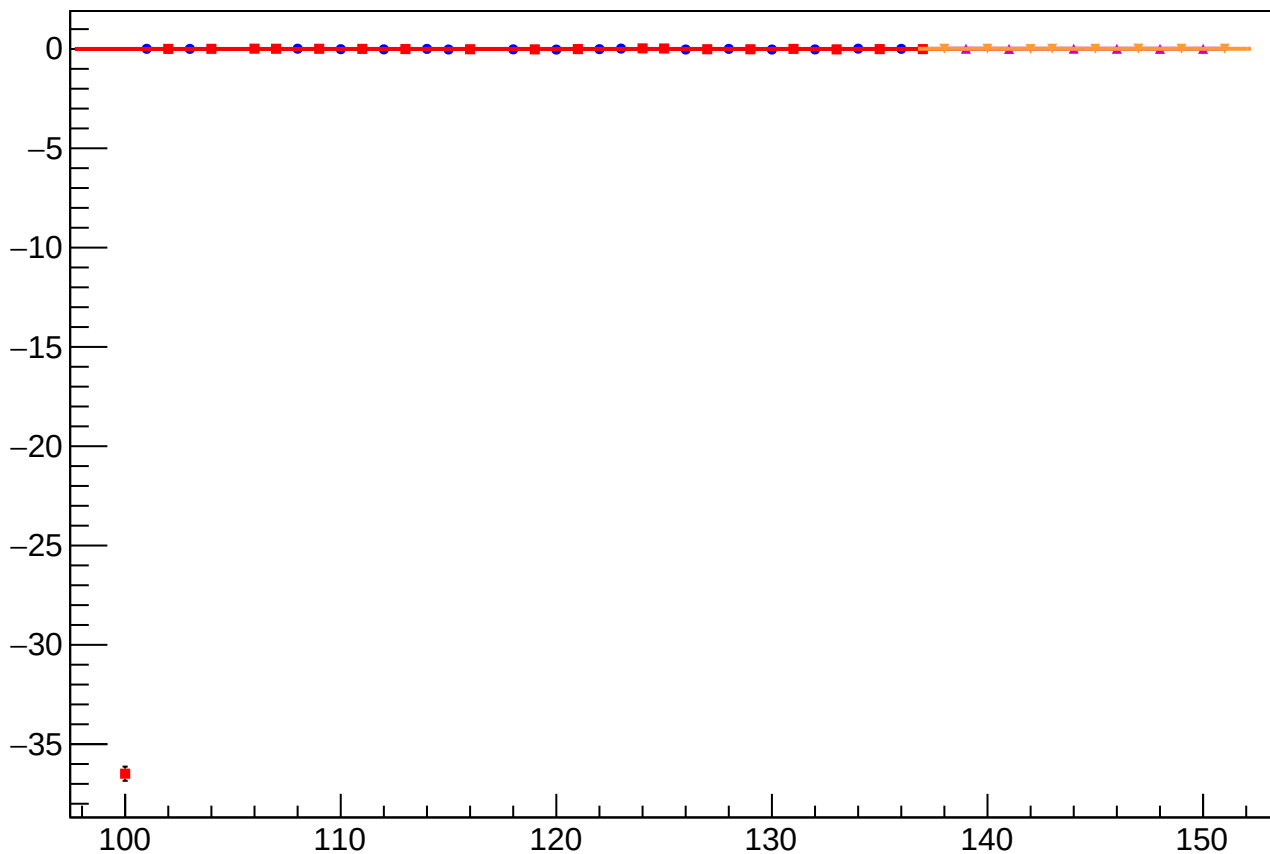
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.067 $\pm$ 0.032 χ^2 /NDF:29.0/22

Out: 0.123 $\pm$ 0.032 χ^2 /NDF:29.1/26

All: 0.095 $\pm$ 0.022 χ^2 /NDF: 59.6/49

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: 0.010 $\pm$ 0.002 χ^2/NDF : 2.4/5

Left: 0.010 $\pm$ 0.002 χ^2/NDF : 6.9/13

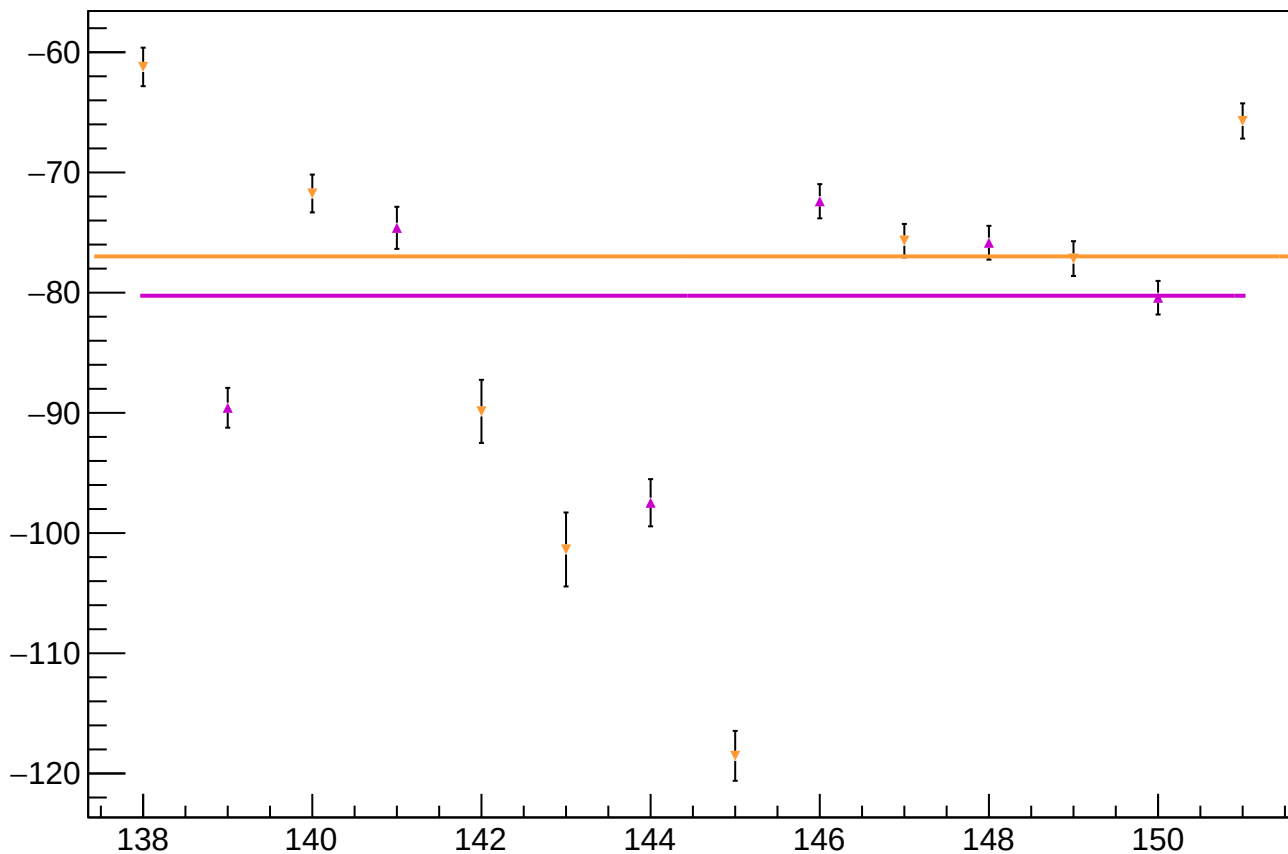
Right: 0.001 $\pm$ 0.002 χ^2/NDF : 10481.2/35

In: 0.005 $\pm$ 0.002 χ^2/NDF : 41.8/22

Out: 0.006 $\pm$ 0.002 χ^2/NDF : 10463.2/26

All: 0.005 $\pm$ 0.001 χ^2/NDF : 10505.1/49

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: -80.256+/-0.637 χ^2/NDF :159.4/5

Left: -78.532+/-0.439 χ^2/NDF : 828.8/13

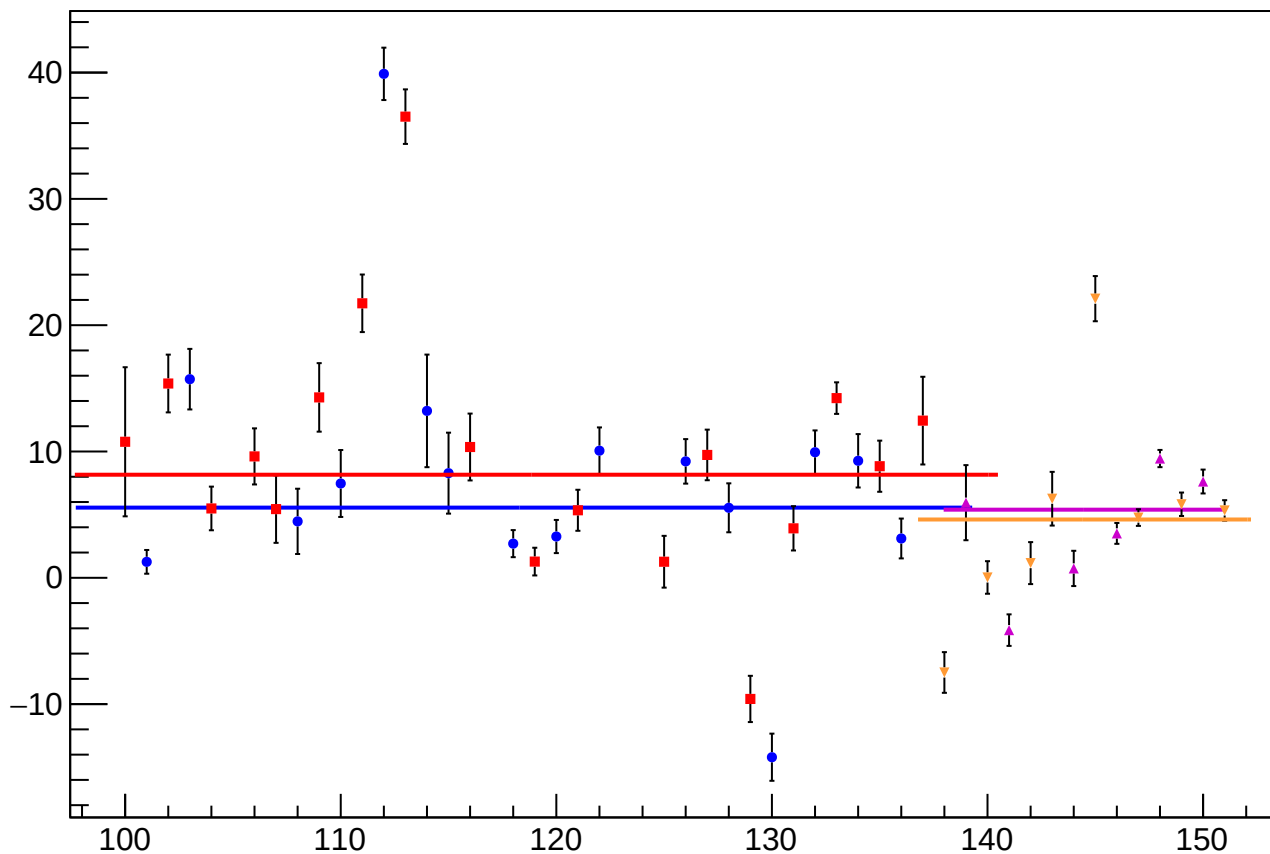
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.256+/-0.637 χ^2/NDF :159.4/5

Out: -76.983+/-0.604 χ^2/NDF :655.5/7

All: -78.532+/-0.439 χ^2/NDF : 828.8/13

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 4.616 ± 0.381 $\chi^2/\text{NDF}: 172.2/7$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 5.394 ± 0.408 $\chi^2/\text{NDF}: 115.5/5$

Left: 4.979 ± 0.279 $\chi^2/\text{NDF}: 289.6/13$

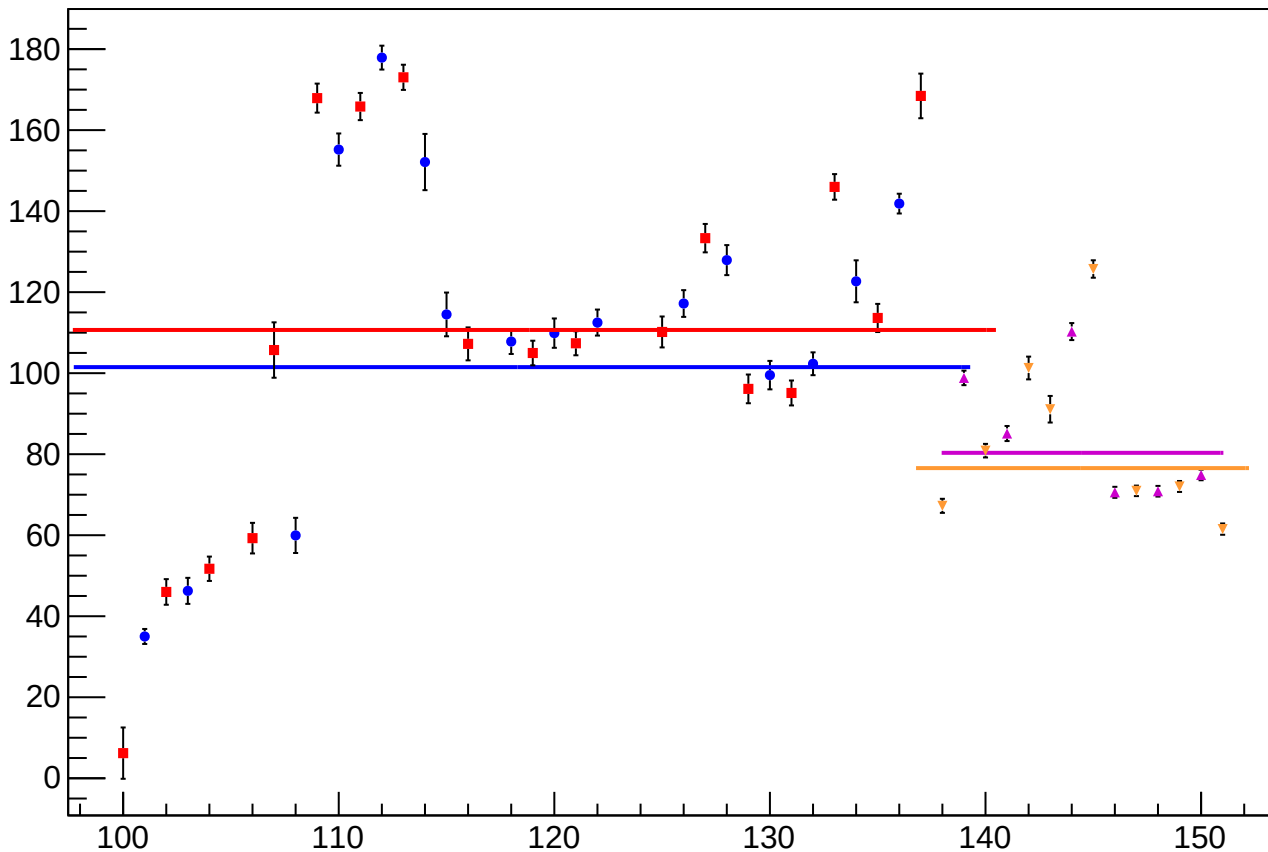
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 5.473 ± 0.294 $\chi^2/\text{NDF}: 577.5/21$

Out: 6.087 ± 0.292 $\chi^2/\text{NDF}: 615.0/25$

All: 5.782 ± 0.207 $\chi^2/\text{NDF}: 1194.8/47$

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: 80.337 $\pm$ 0.629 χ^2/NDF : 436.8/5

Left: 78.365 $\pm$ 0.434 χ^2/NDF : 1254.2/13

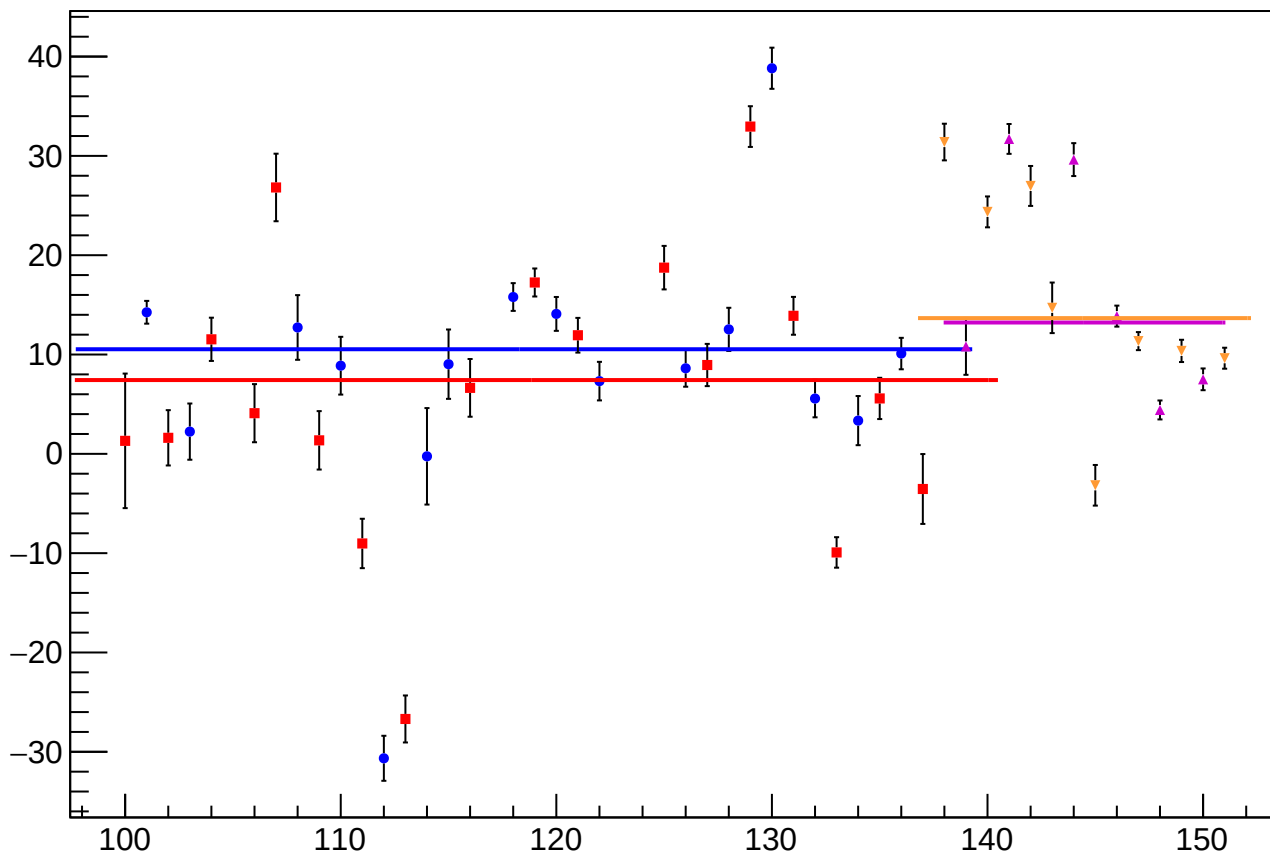
Right: 105.929 $\pm$ 0.581 χ^2/NDF : 5549.0/33

In: 88.319 $\pm$ 0.496 χ^2/NDF : 3836.5/21

Out: 88.175 $\pm$ 0.488 χ^2/NDF : 4410.4/25

All: 88.246 $\pm$ 0.348 χ^2/NDF : 8247.0/47

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: 13.224 $\pm$ 0.516 χ^2 /NDF:363.0/5

Left: 13.459 $\pm$ 0.353 χ^2 /NDF: 644.3/13

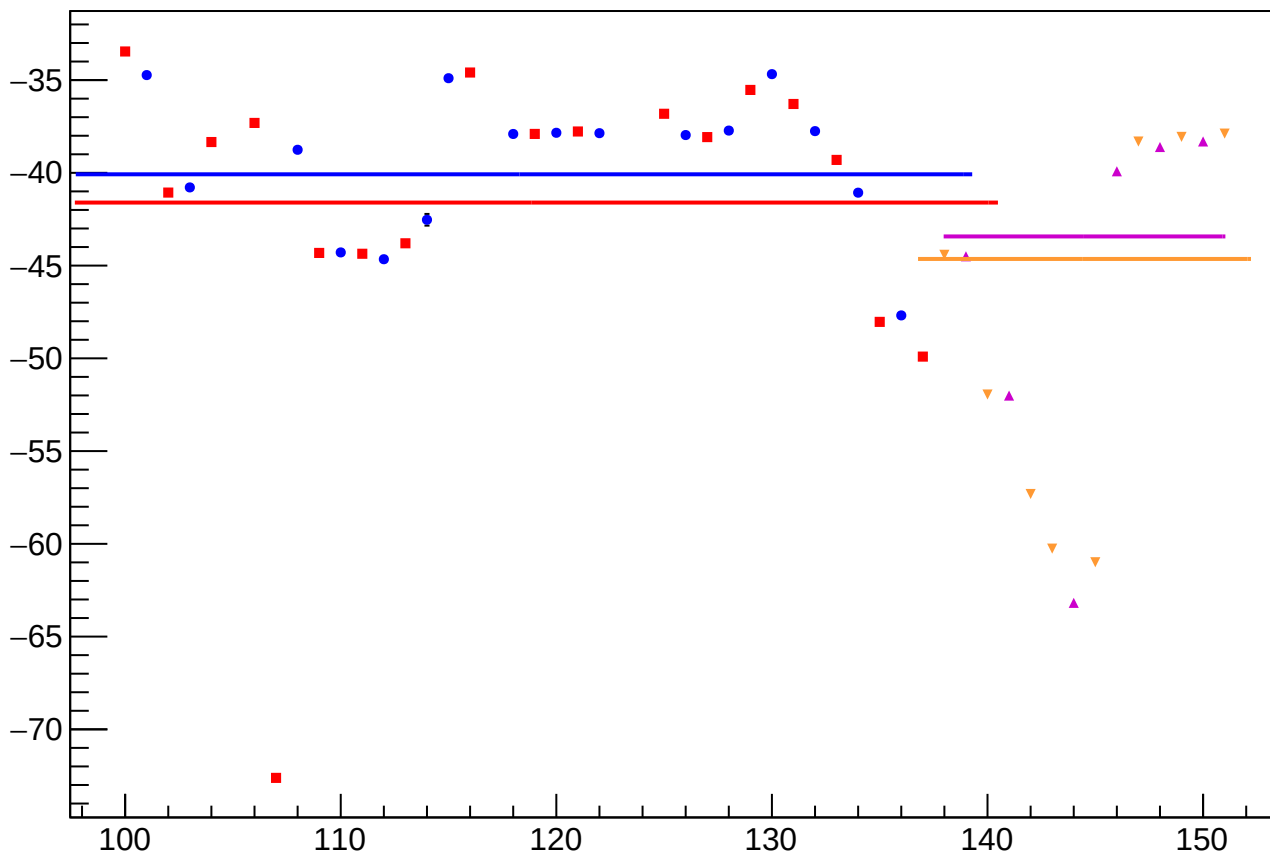
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 11.816 $\pm$ 0.356 χ^2 /NDF:957.5/21

Out: 10.785 $\pm$ 0.356 χ^2 /NDF:1043.1/25

All: 11.300 $\pm$ 0.252 χ^2 /NDF: 2004.9/47

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: -43.428 ± 0.026 χ^2/NDF : 78428.5/5

Left: -44.046 ± 0.018 χ^2/NDF : 188482.4/13

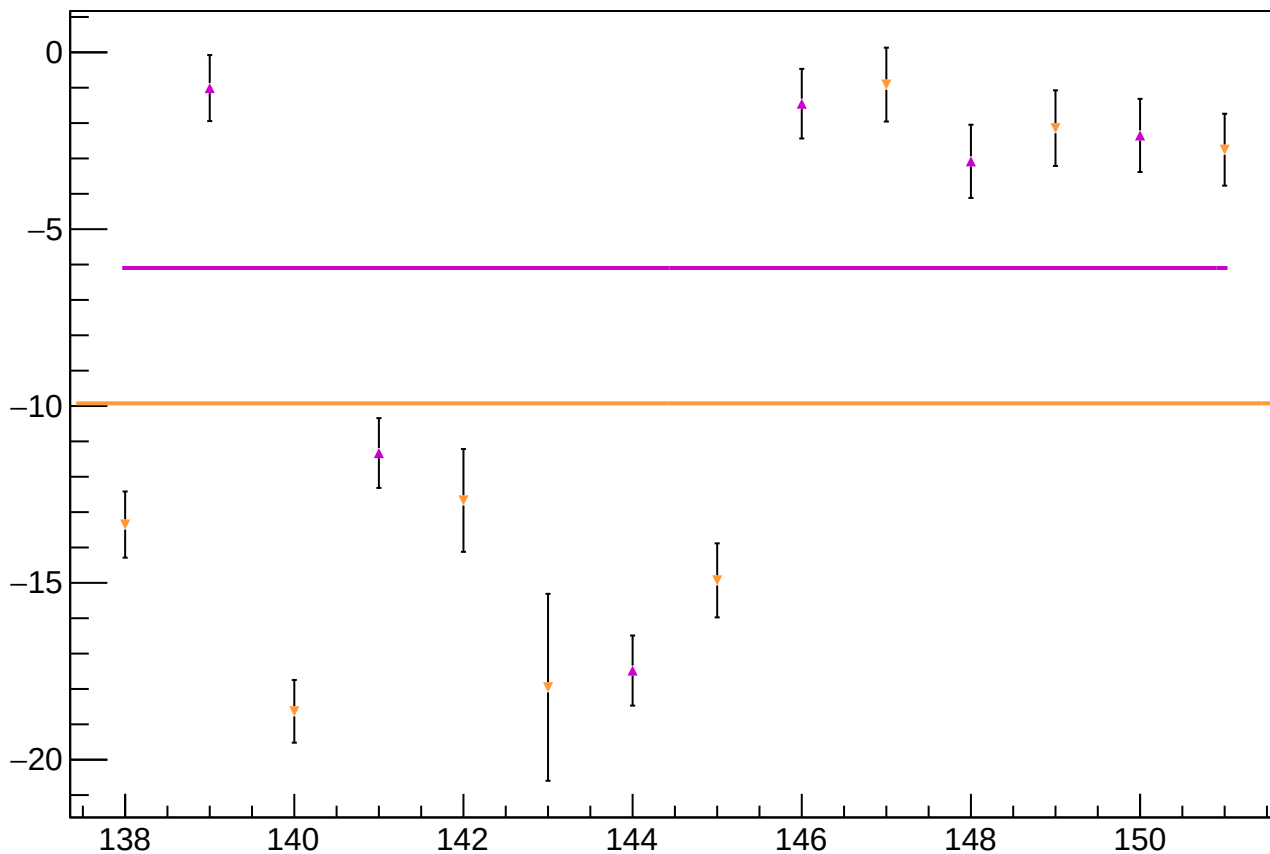
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.873 ± 0.019 χ^2/NDF : 111119.4/21

Out: -43.276 ± 0.019 χ^2/NDF : 177058.7/25

All: -42.578 ± 0.014 χ^2/NDF : 290853.5/47

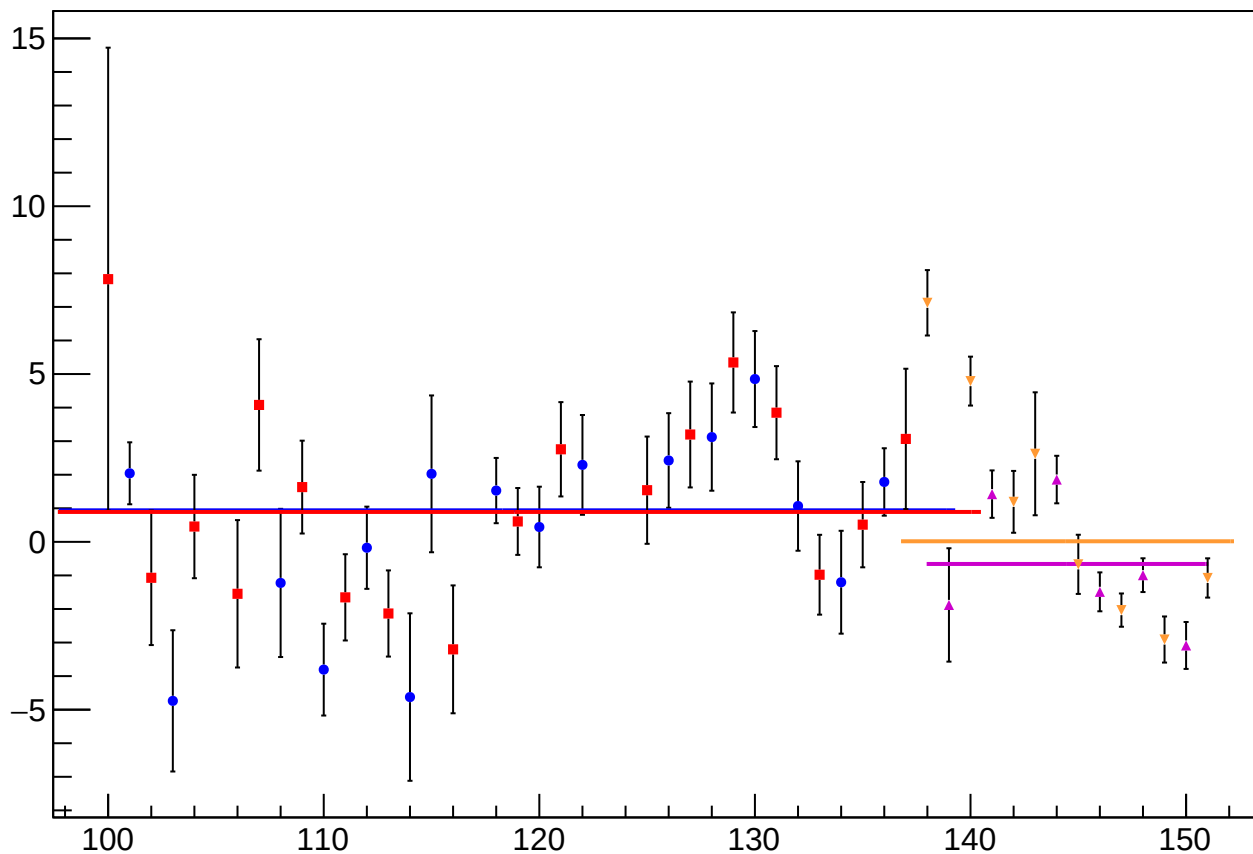
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.924 $\pm$ 0.386 χ^2 /NDF:322.7/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.098 $\pm$ 0.405 χ^2 /NDF:233.6/5

Left: -8.102 $\pm$ 0.280 χ^2 /NDF: 603.1/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.098 $\pm$ 0.405 χ^2 /NDF:233.6/5
 Out: -9.924 $\pm$ 0.386 χ^2 /NDF:322.7/7
 All: -8.102 $\pm$ 0.280 χ^2 /NDF: 603.1/13

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: -0.659 ± 0.274 $\chi^2/\text{NDF}: 36.4/5$

Left: -0.303 ± 0.189 $\chi^2/\text{NDF}: 178.6/13$

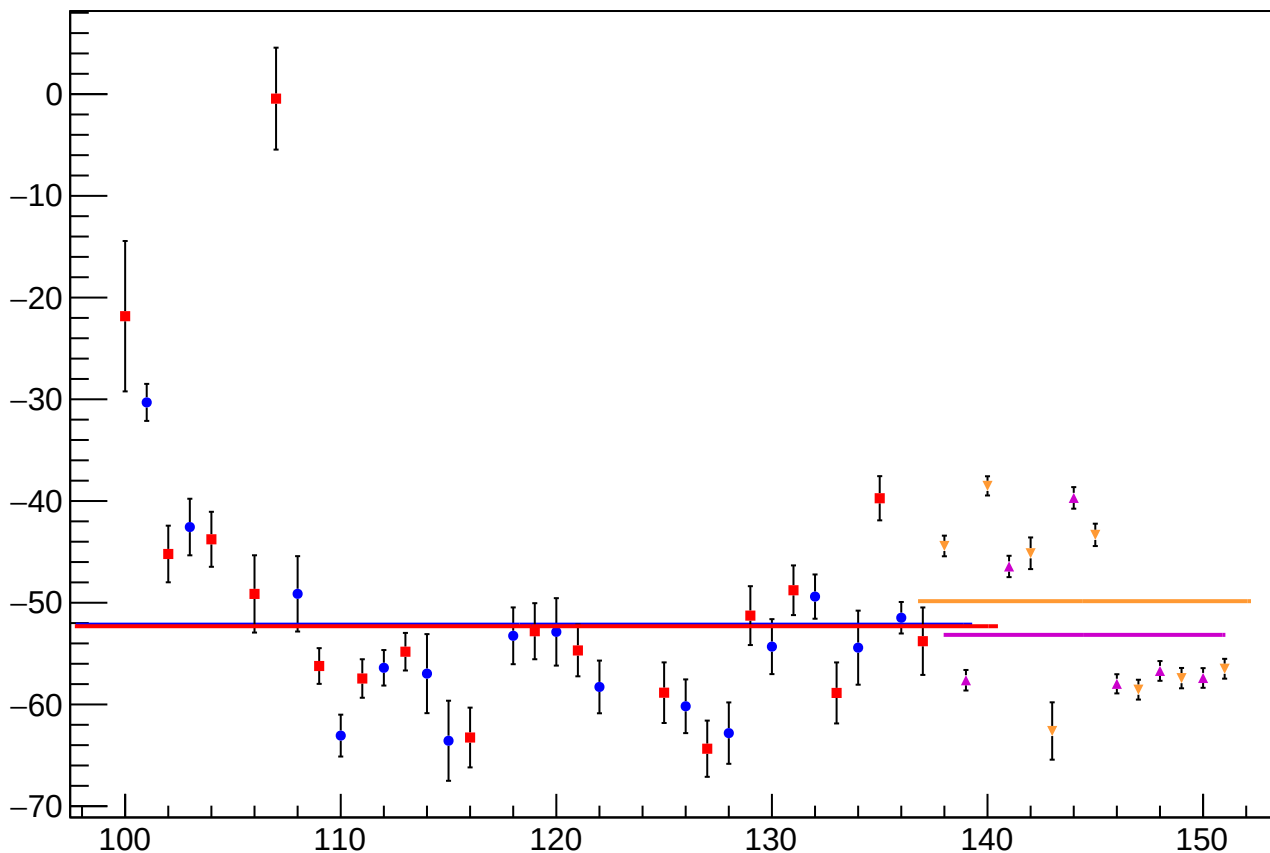
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.027 ± 0.213 $\chi^2/\text{NDF}: 92.0/21$

Out: 0.324 ± 0.209 $\chi^2/\text{NDF}: 184.6/25$

All: 0.152 ± 0.149 $\chi^2/\text{NDF}: 278.0/47$

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: -53.159 ± 0.407 χ^2/NDF : 280.6/5

Left: -51.433 ± 0.282 χ^2/NDF : 735.9/13

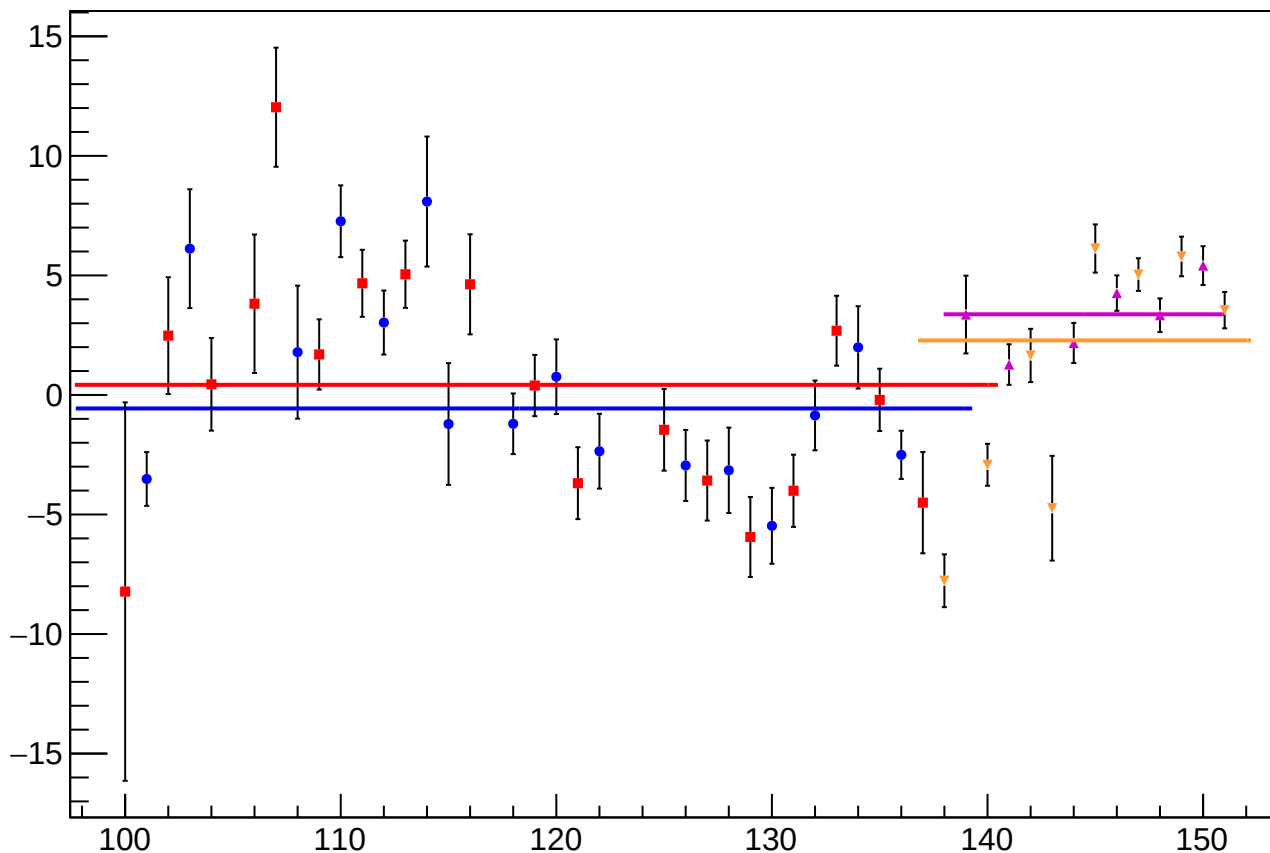
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.851 ± 0.339 χ^2/NDF : 513.5/21

Out: -50.552 ± 0.330 χ^2/NDF : 667.0/25

All: -51.669 ± 0.236 χ^2/NDF : 1204.2/47

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: 3.374±/0.342 χ^2/NDF :15.9/5

Left: 2.801±/0.236 χ^2/NDF : 201.4/13

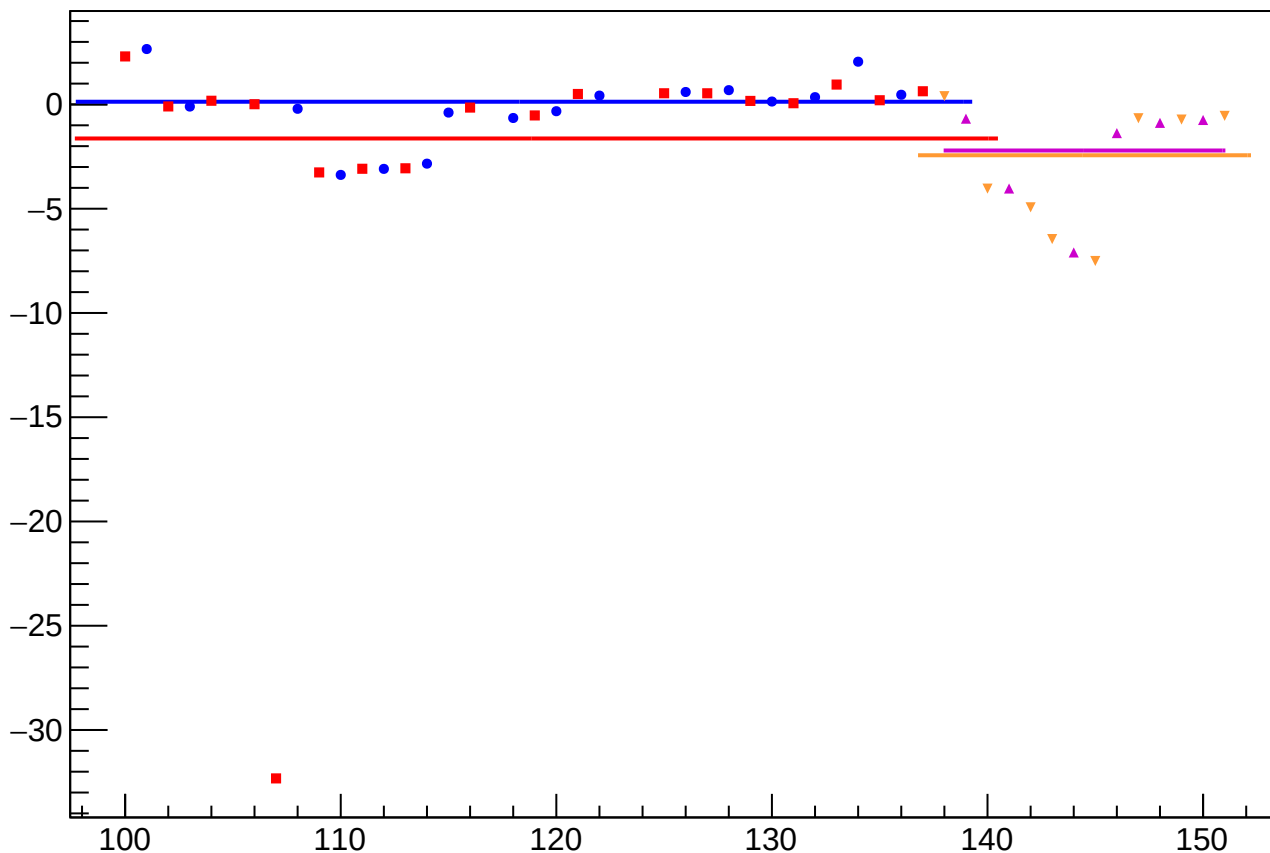
Right: -0.090±/0.277 χ^2/NDF : 180.3/33

In: 1.634±/0.255 χ^2/NDF :156.4/21

Out: 1.541±/0.252 χ^2/NDF :288.4/25

All: 1.587±/0.180 χ^2/NDF : 444.9/47

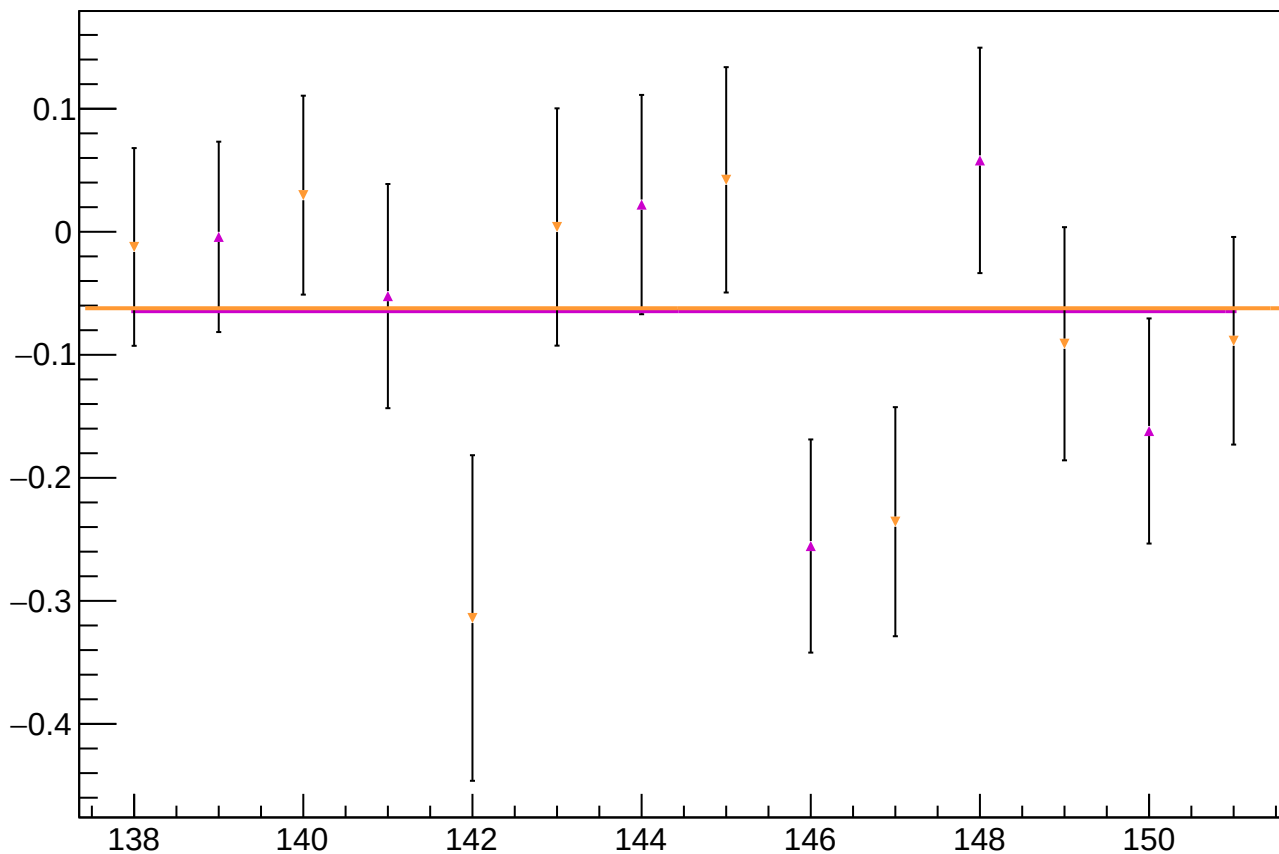
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.437 ± 0.016 $\chi^2/\text{NDF}: 28328.7/7$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -2.208 ± 0.017 $\chi^2/\text{NDF}: 17526.6/5$

Left: -2.325 ± 0.012 $\chi^2/\text{NDF}: 45949.5/13$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.320 ± 0.013 $\chi^2/\text{NDF}: 30085.4/21$
 Out: -2.144 ± 0.013 $\chi^2/\text{NDF}: 107069.6/25$
 All: -1.735 ± 0.009 $\chi^2/\text{NDF}: 139099.7/47$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.062+/-0.032 χ^2/NDF :10.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.065+/-0.036 χ^2/NDF :9.4/5

Left: -0.063+/-0.024 χ^2/NDF : 20.1/13

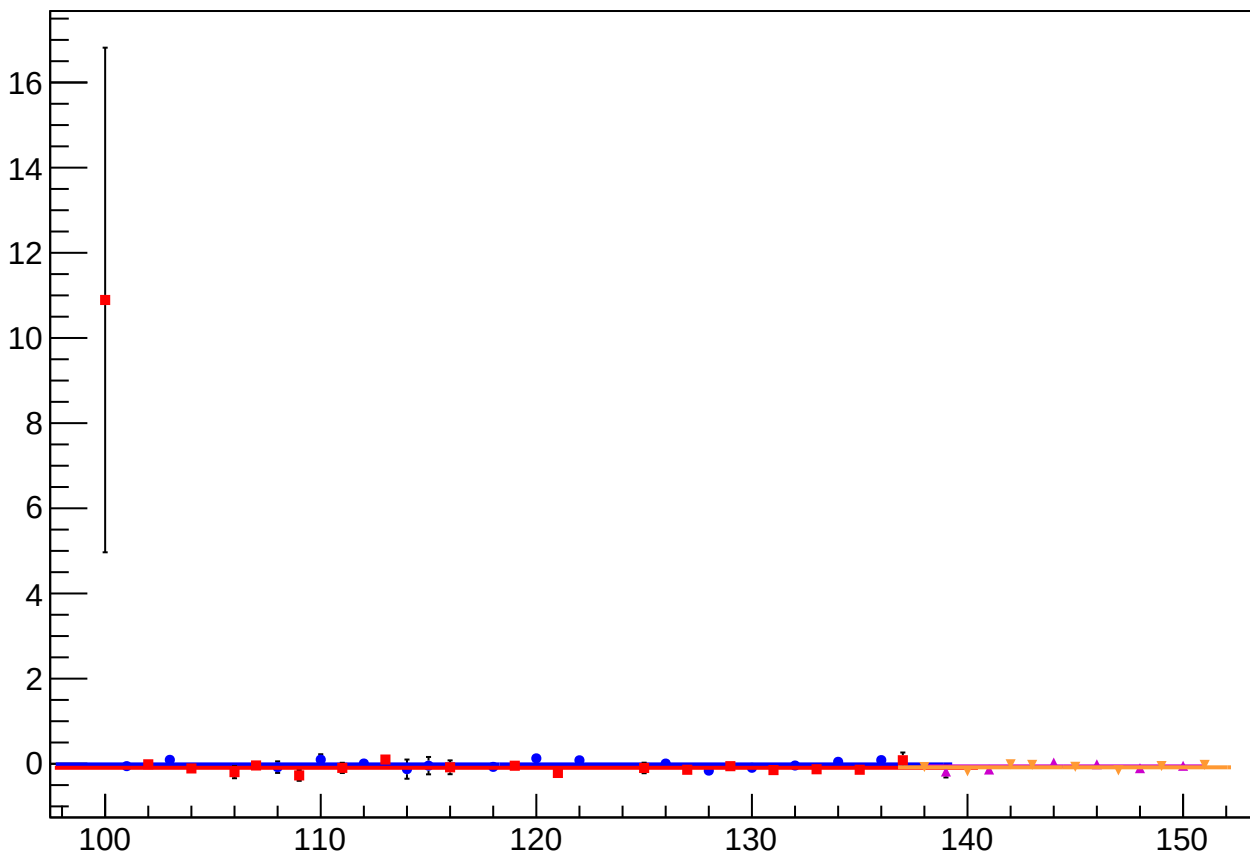
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.065+/-0.036 χ^2/NDF :9.4/5

Out: -0.062+/-0.032 χ^2/NDF :10.7/7

All: -0.063+/-0.024 χ^2/NDF : 20.1/13

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: -0.060 ± 0.024 χ^2/NDF : 5.8/5

Left: -0.073 ± 0.016 χ^2/NDF : 14.1/13

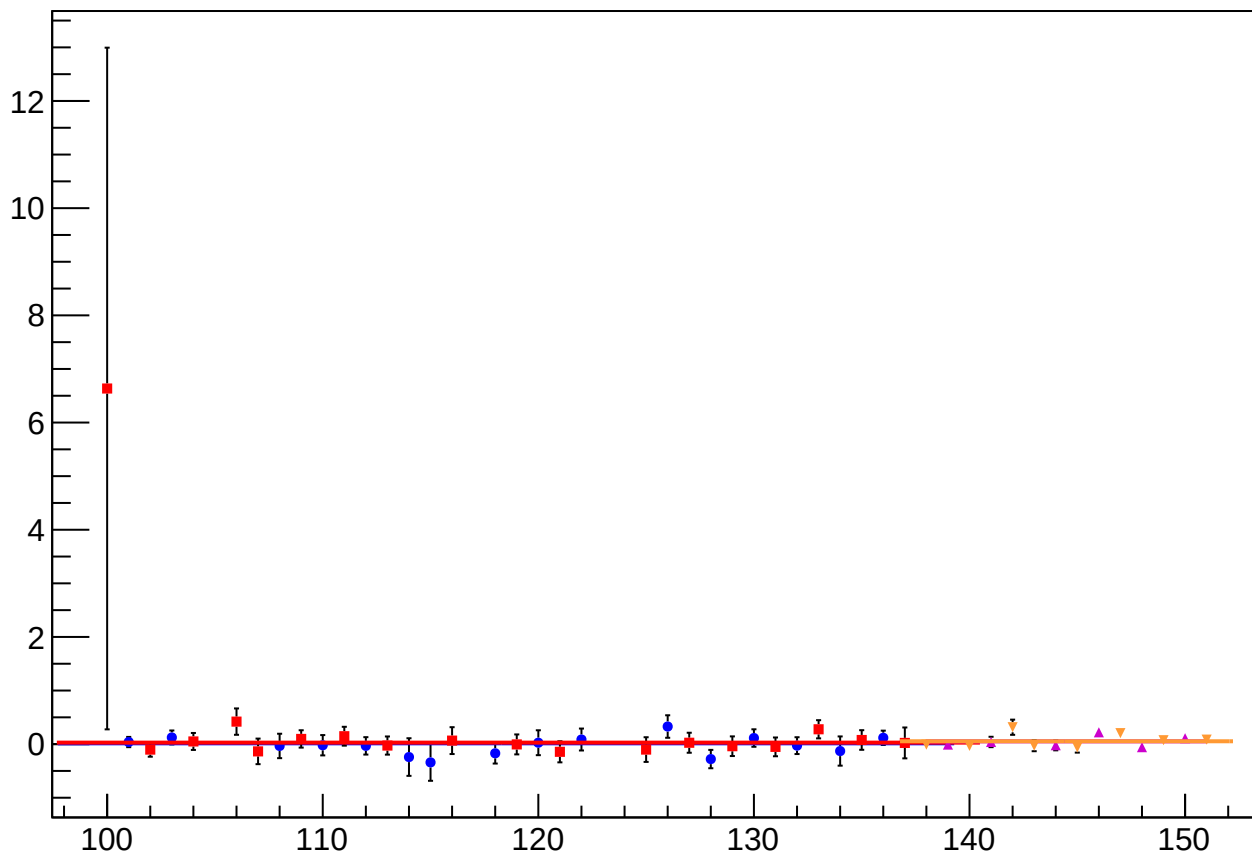
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.036 ± 0.017 χ^2/NDF : 20.2/21

Out: -0.087 ± 0.016 χ^2/NDF : 21.5/25

All: -0.062 ± 0.012 χ^2/NDF : 46.4/47

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: 0.052+/-0.036 χ^2/NDF :7.3/5

Left: 0.053+/-0.024 χ^2/NDF : 17.6/13

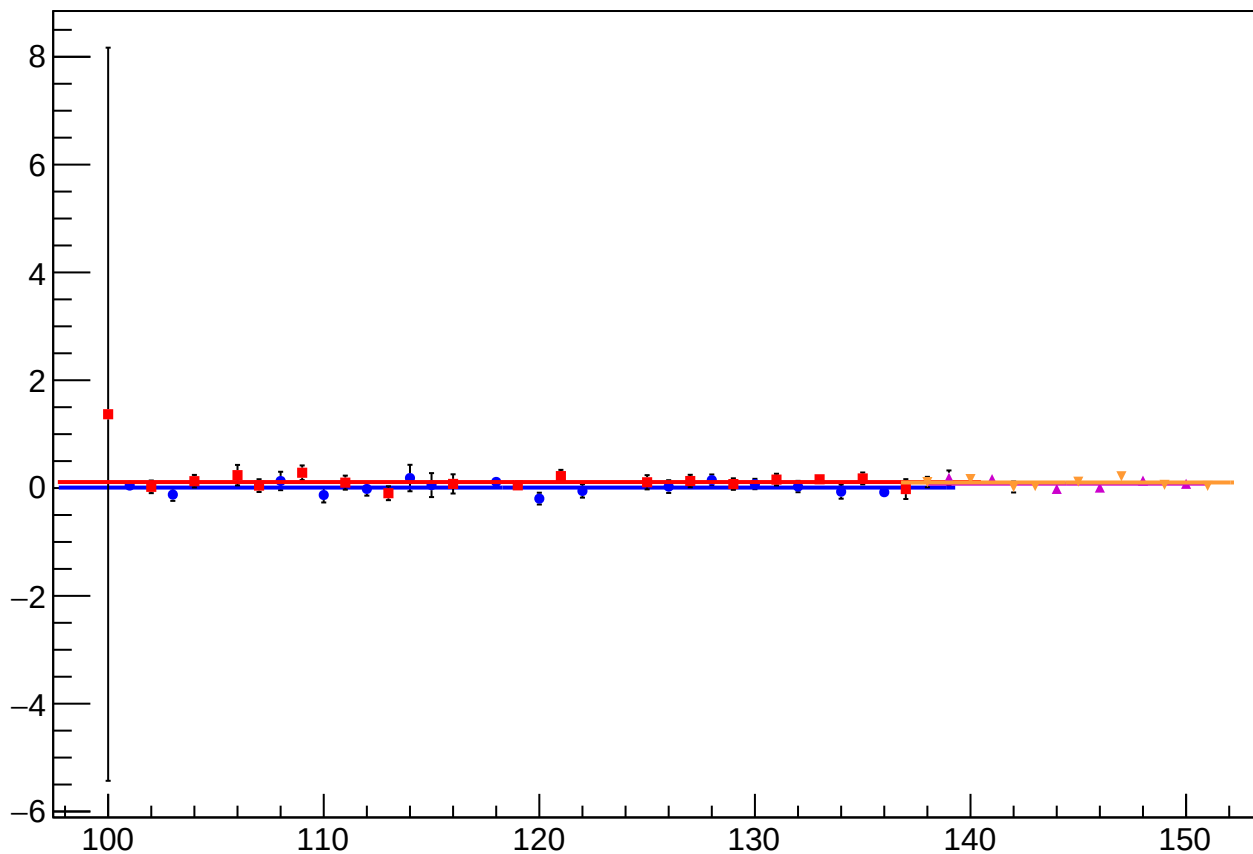
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.037+/-0.028 χ^2/NDF :17.8/21

Out: 0.045+/-0.026 χ^2/NDF :20.0/25

All: 0.041+/-0.019 χ^2/NDF : 37.9/47

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2/NDF : 12.6/15

Left Out: 0.103+/-0.027 χ^2/NDF : 7.0/7

Right Out: 0.111+/-0.029 χ^2/NDF : 8.6/17

Left In: 0.082+/-0.030 χ^2/NDF : 5.6/5

Left: 0.094+/-0.020 χ^2/NDF : 12.9/13

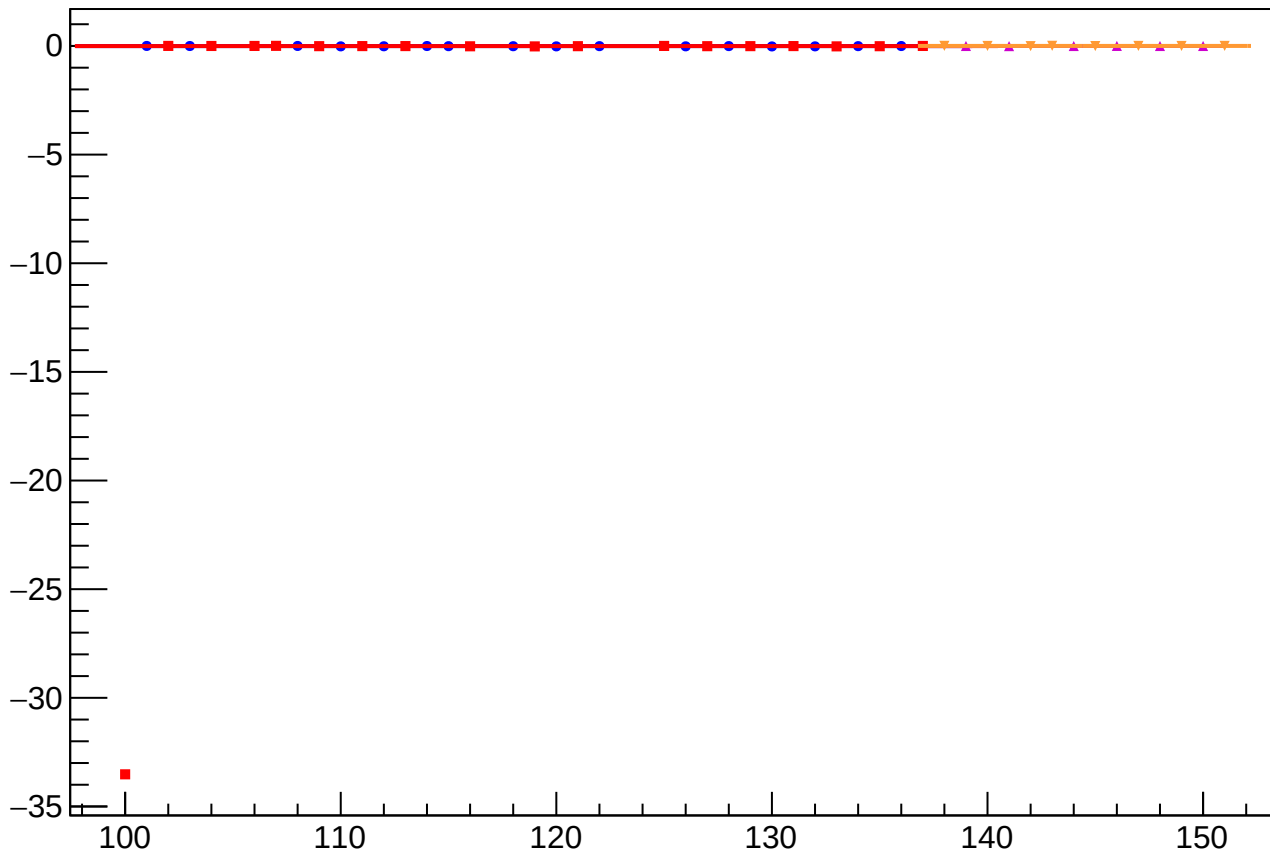
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.041+/-0.020 χ^2/NDF : 21.4/21

Out: 0.107+/-0.020 χ^2/NDF : 15.7/25

All: 0.075+/-0.014 χ^2/NDF : 42.7/47

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: -0.002 $\pm$ 0.001 χ^2 /NDF:3.0/5

Left: 0.000 $\pm$ 0.001 χ^2 /NDF: 14.1/13

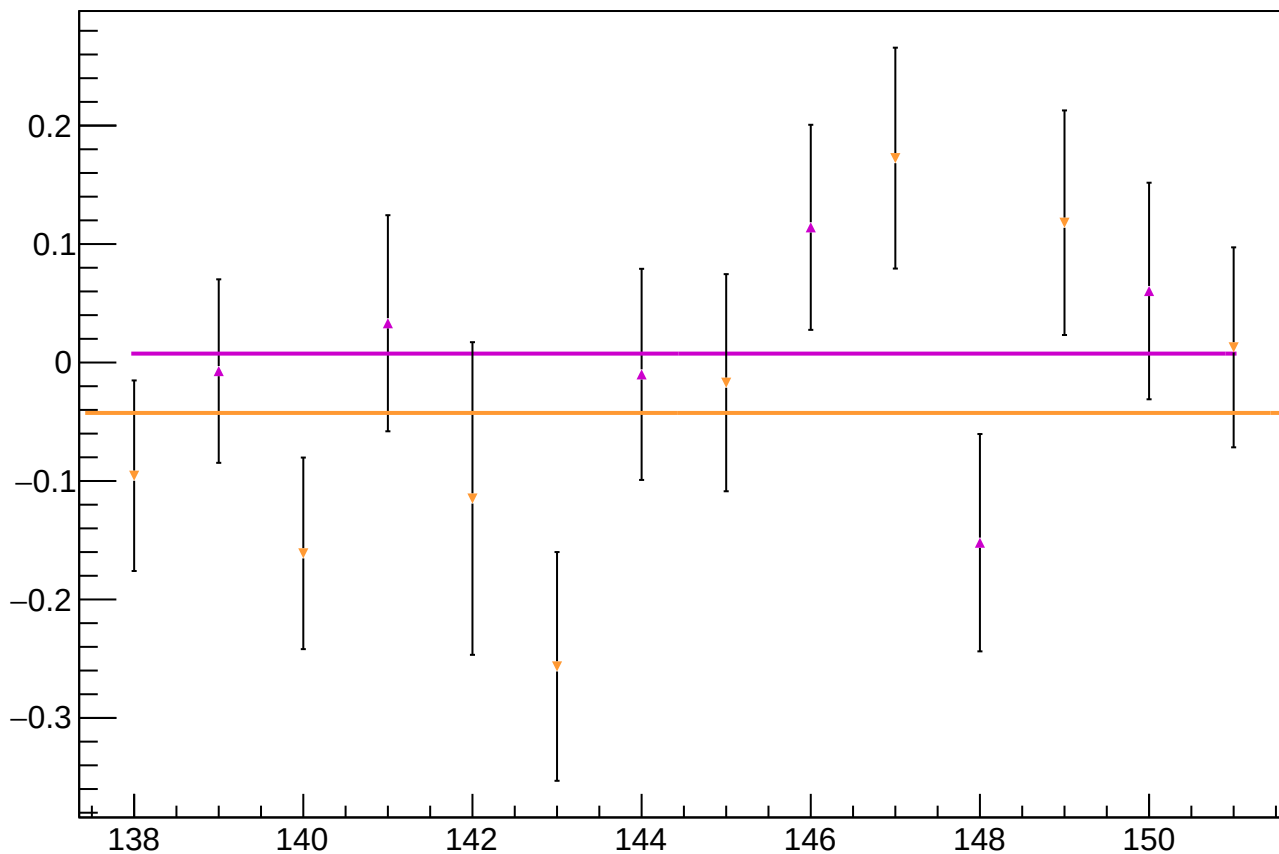
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.004 $\pm$ 0.001 χ^2 /NDF:28.8/21

Out: -0.002 $\pm$ 0.001 χ^2 /NDF:26531.0/25

All: -0.003 $\pm$ 0.001 χ^2 /NDF: 26561.1/47

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.043+/-0.032 χ^2/NDF :16.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.008+/-0.036 χ^2/NDF :5.0/5

Left: -0.020+/-0.024 χ^2/NDF : 22.6/13

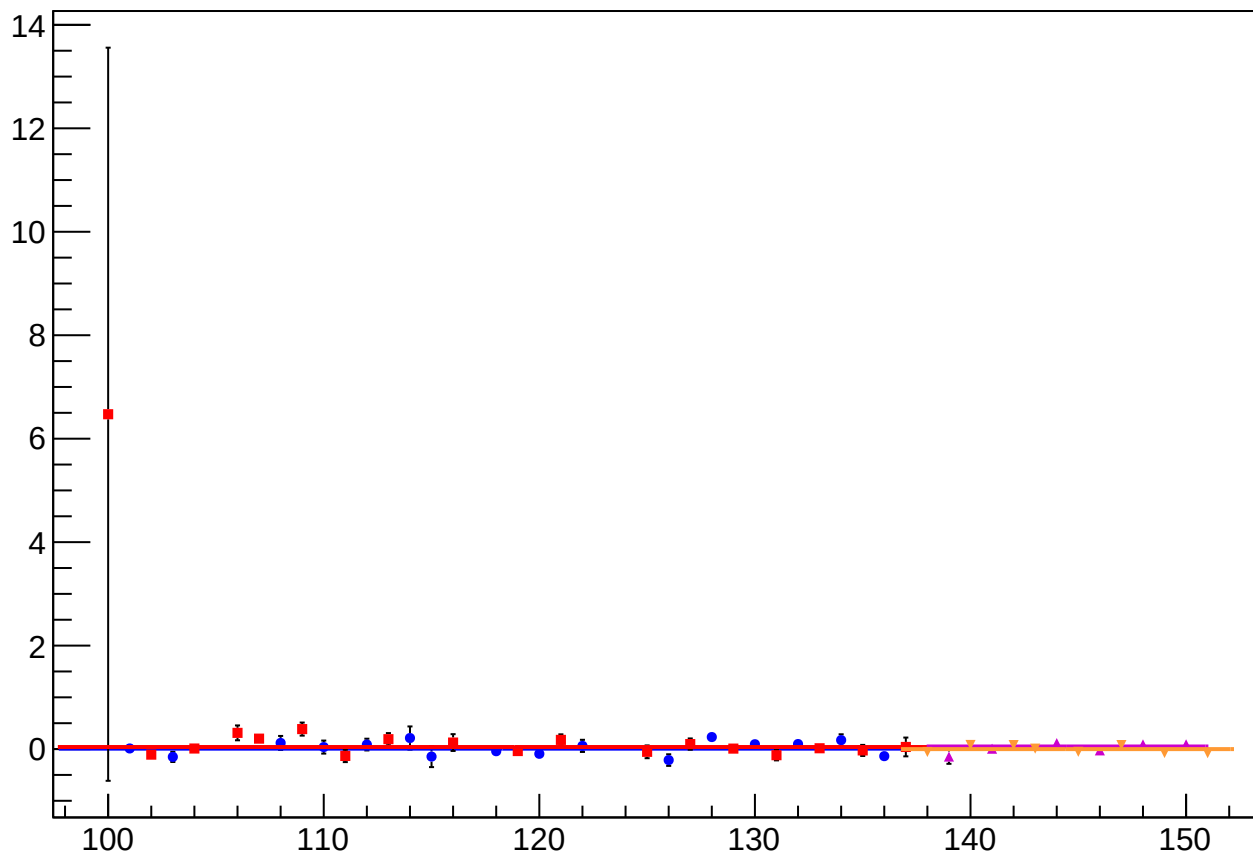
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.008+/-0.036 χ^2/NDF :5.0/5

Out: -0.043+/-0.032 χ^2/NDF :16.5/7

All: -0.020+/-0.024 χ^2/NDF : 22.6/13

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: 0.050 $\pm$ 0.024 χ^2 /NDF:6.9/5

Left: 0.021 $\pm$ 0.016 χ^2 /NDF: 19.8/13

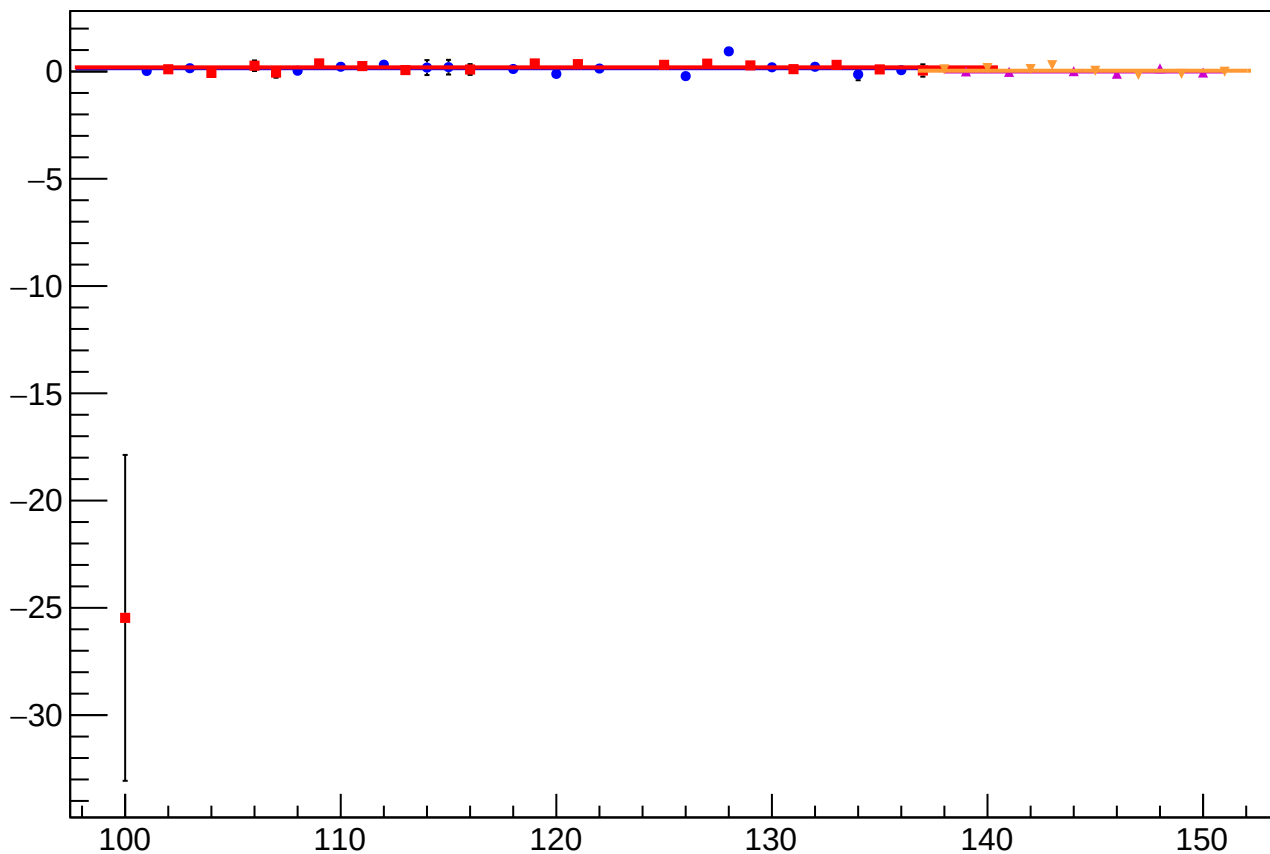
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.028 $\pm$ 0.017 χ^2 /NDF:32.0/21

Out: 0.017 $\pm$ 0.016 χ^2 /NDF:40.5/25

All: 0.022 $\pm$ 0.012 χ^2 /NDF: 72.8/47

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: -0.000+/-0.036 χ^2/NDF : 4.9/5

Left: 0.020+/-0.024 χ^2/NDF : 23.0/13

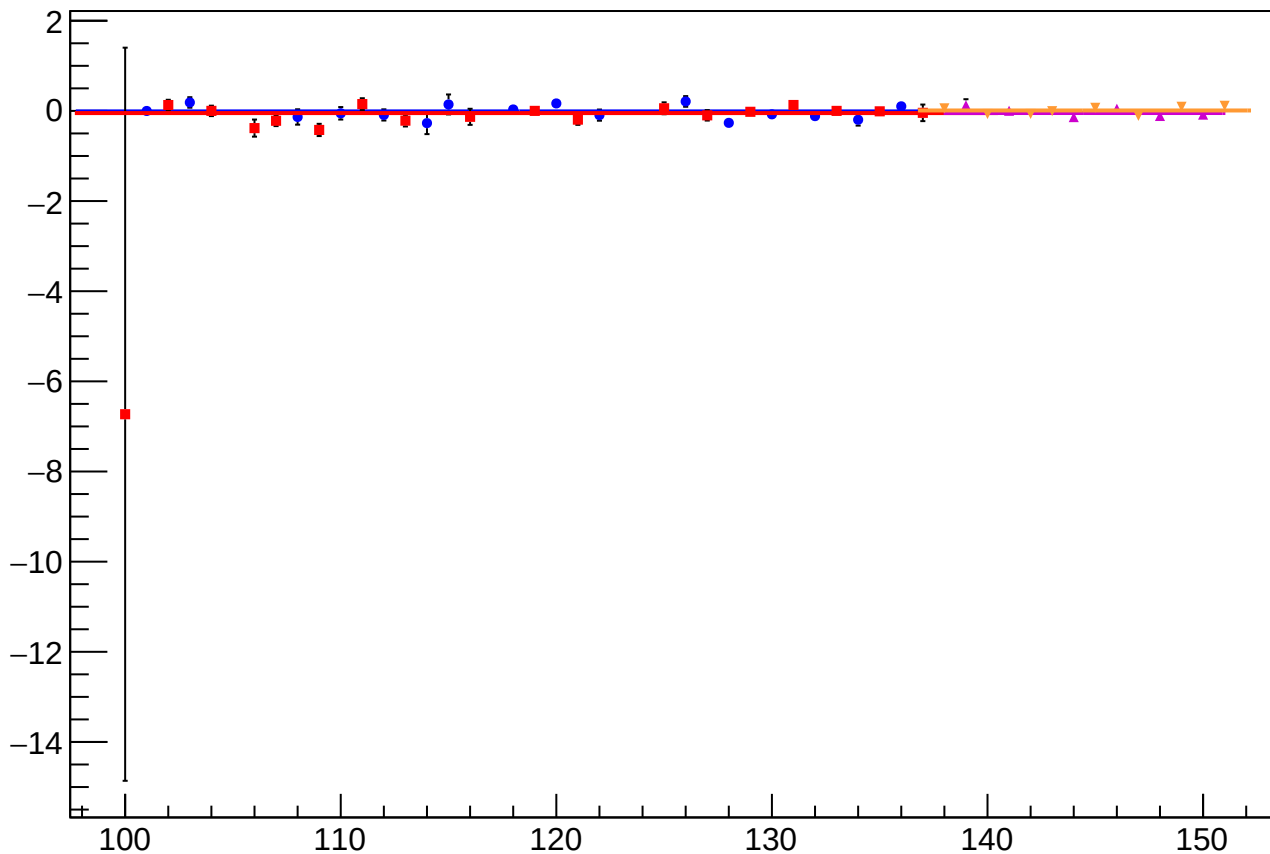
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.063+/-0.028 χ^2/NDF : 43.0/21

Out: 0.091+/-0.026 χ^2/NDF : 47.3/25

All: 0.078+/-0.019 χ^2/NDF : 90.9/47

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.009 ± 0.027 χ^2/NDF : 10.1/7

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.047 ± 0.030 χ^2/NDF : 6.9/5

Left: -0.015 ± 0.020 χ^2/NDF : 19.0/13

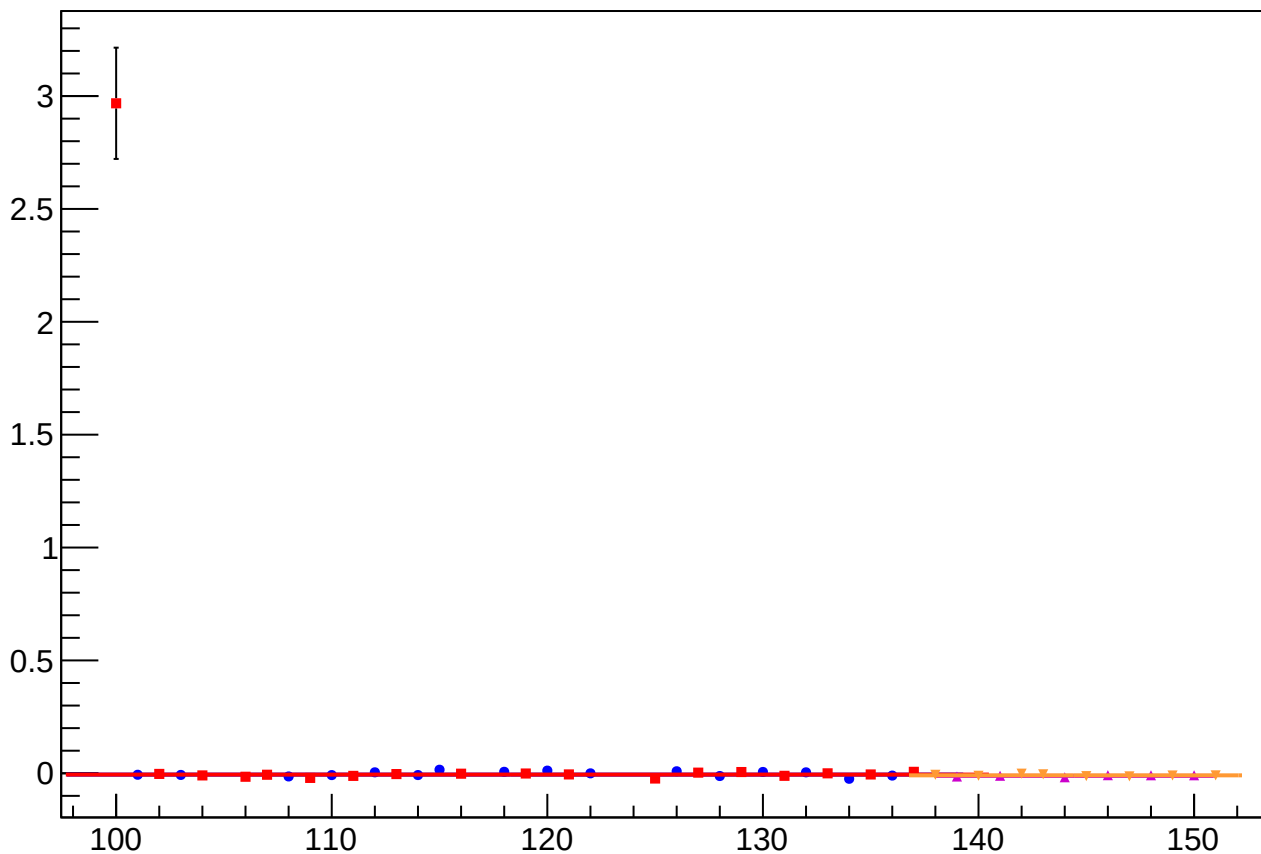
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.027 ± 0.020 χ^2/NDF : 31.1/21

Out: -0.018 ± 0.020 χ^2/NDF : 38.5/25

All: -0.022 ± 0.014 χ^2/NDF : 69.7/47

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:4.8/5

Left: -0.010+/-0.001 χ^2 /NDF: 12.1/13

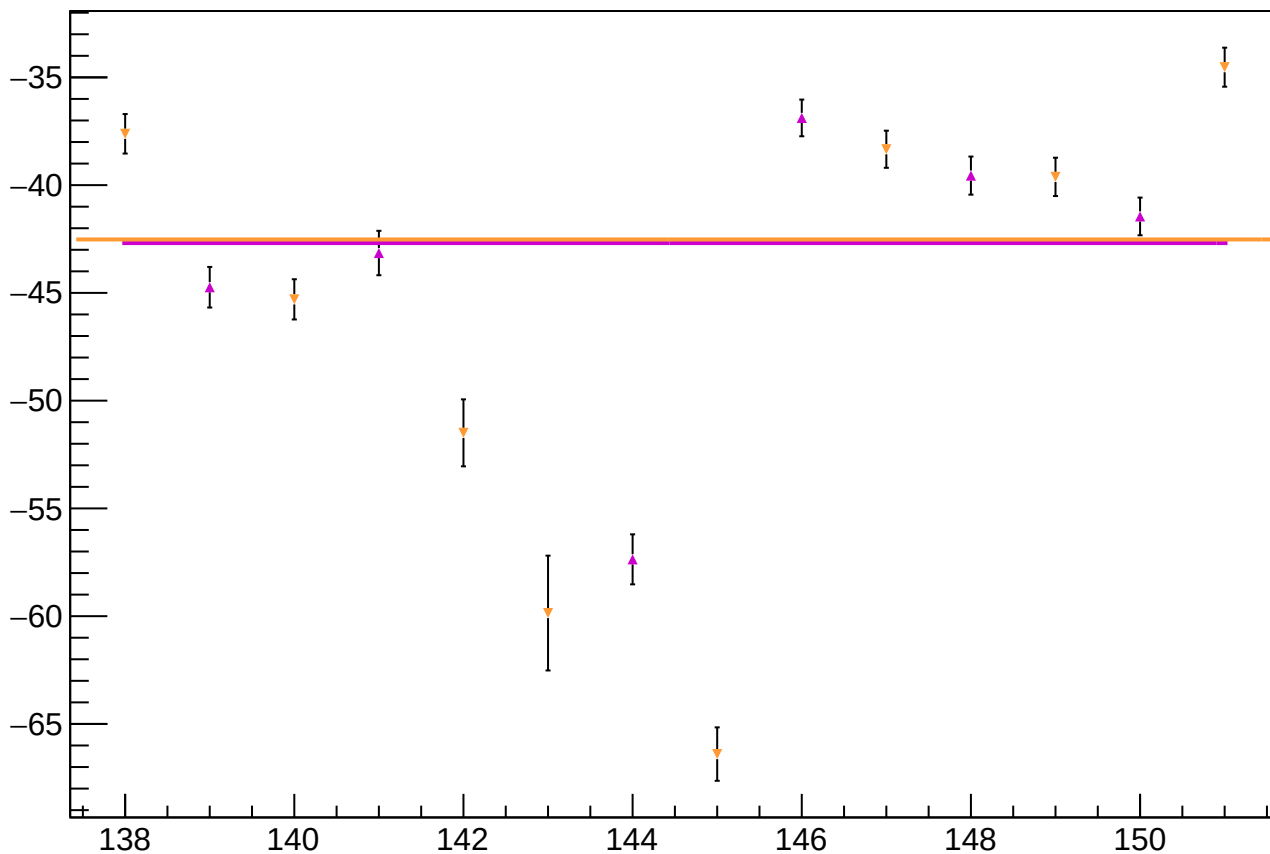
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.009+/-0.001 χ^2 /NDF:40.9/21

Out: -0.008+/-0.001 χ^2 /NDF:173.8/25

All: -0.008+/-0.001 χ^2 /NDF: 215.3/47

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: -42.689+/-0.384 χ^2/NDF :225.9/5

Left: -42.601+/-0.266 χ^2/NDF : 822.5/13

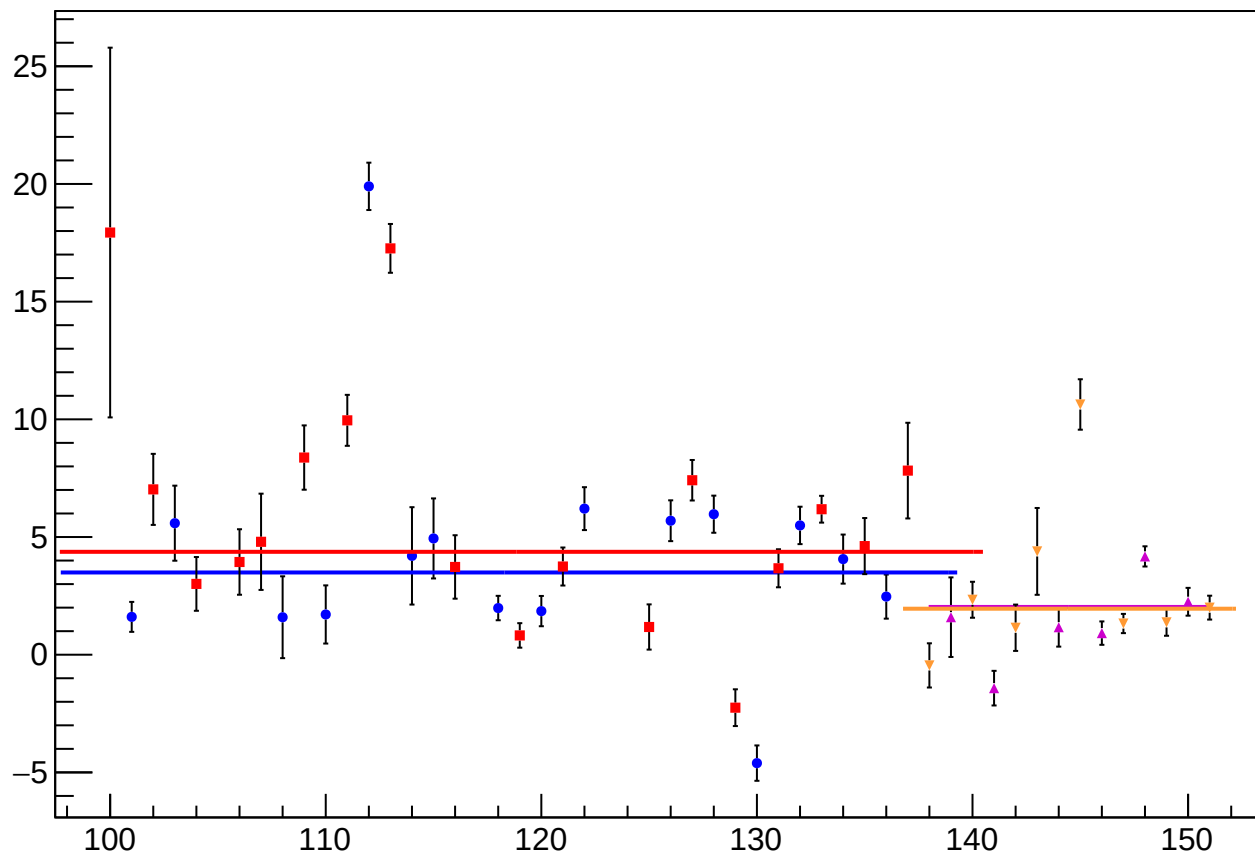
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.689+/-0.384 χ^2/NDF :225.9/5

Out: -42.521+/-0.368 χ^2/NDF :596.4/7

All: -42.601+/-0.266 χ^2/NDF : 822.5/13

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: 2.029 $\pm$ 0.250 χ^2 /NDF:53.4/5

Left: 1.990 $\pm$ 0.171 χ^2 /NDF: 131.6/13

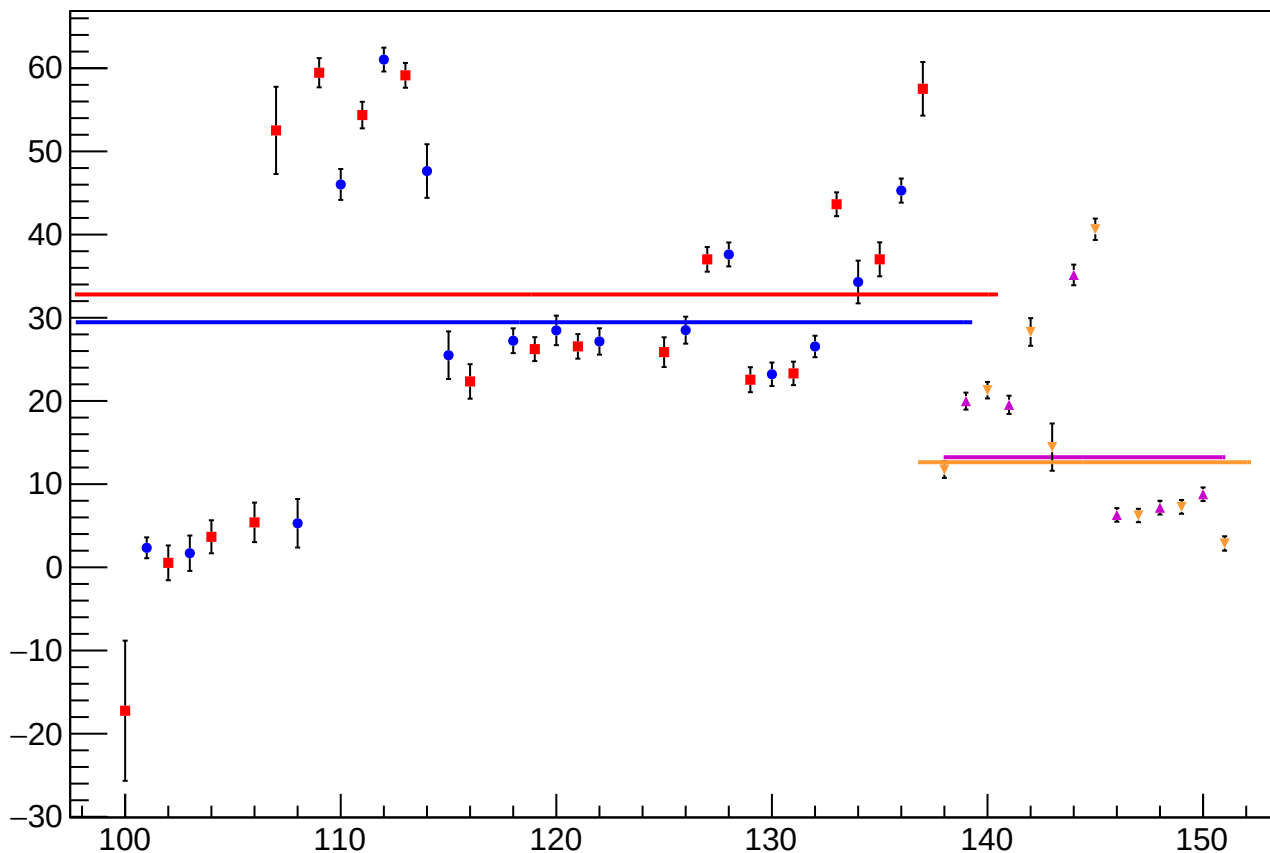
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.862 $\pm$ 0.164 χ^2 /NDF:517.8/21

Out: 3.218 $\pm$ 0.163 χ^2 /NDF:487.1/25

All: 3.041 $\pm$ 0.116 χ^2 /NDF: 1007.3/47

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 12.634+/-0.367 χ^2/NDF : 872.3/7

Right Out: 32.804+/-0.423 χ^2/NDF : 1659.8/17

Left In: 13.234+/-0.381 χ^2/NDF : 544.5/5

Left: 12.923+/-0.264 χ^2/NDF : 1418.1/13

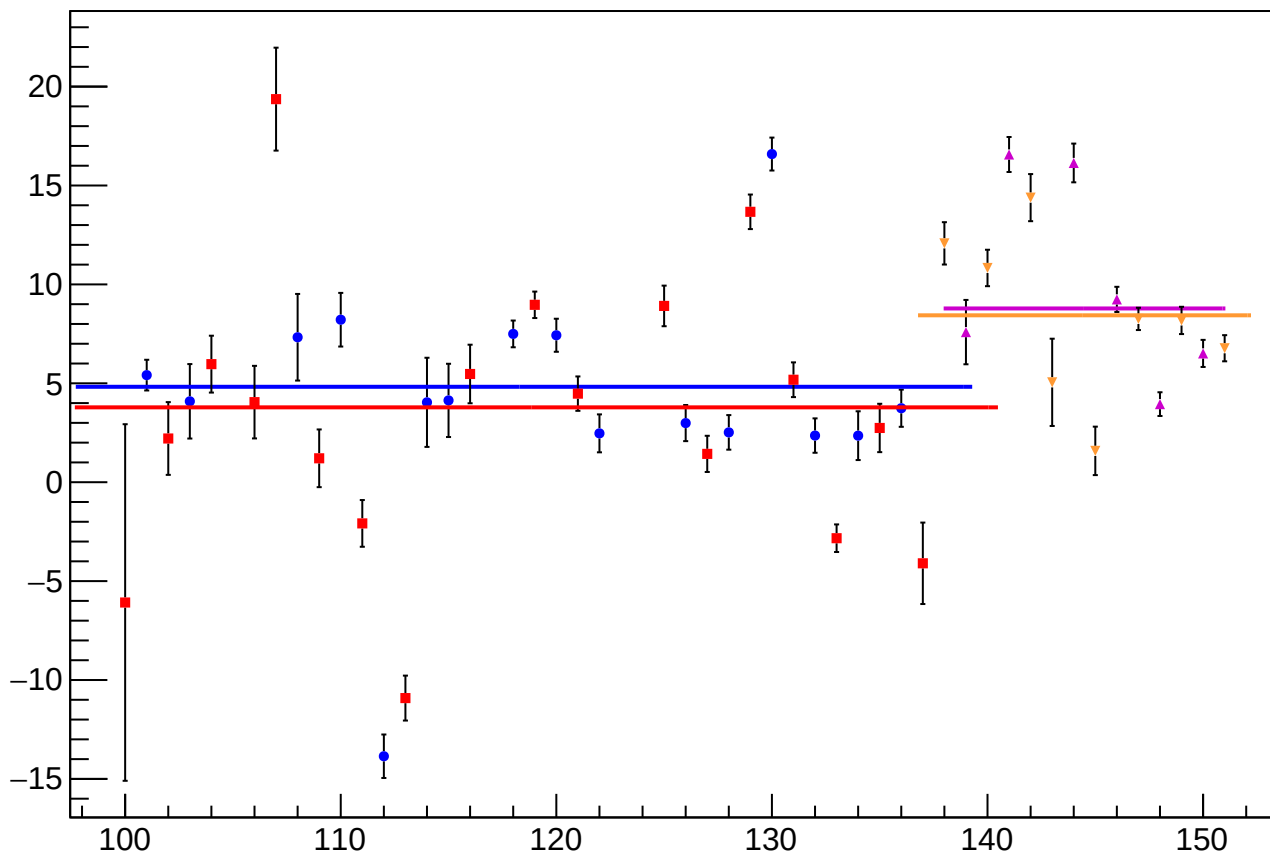
Right: 31.111+/-0.297 χ^2/NDF : 3183.0/33

In: 20.599+/-0.281 χ^2/NDF : 2861.2/21

Out: 21.285+/-0.277 χ^2/NDF : 3830.7/25

All: 20.948+/-0.197 χ^2/NDF : 6695.0/47

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: 8.784 ± 0.315 χ^2/NDF : 211.0/5

Left: 8.602 ± 0.217 χ^2/NDF : 295.1/13

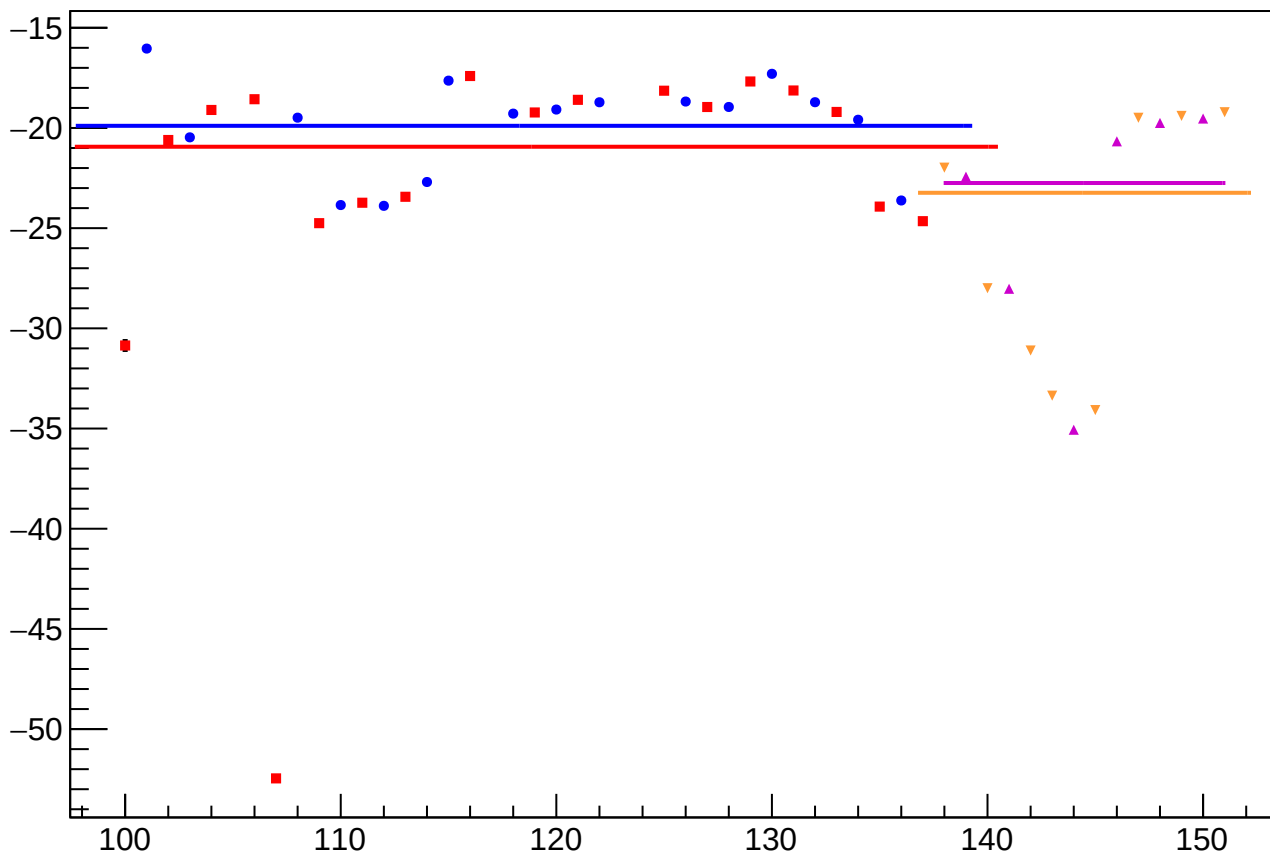
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 6.367 ± 0.197 χ^2/NDF : 860.4/21

Out: 5.776 ± 0.196 χ^2/NDF : 786.7/25

All: 6.071 ± 0.139 χ^2/NDF : 1651.6/47

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -23.235 ± 0.016 χ^2/NDF : 112804.2/7

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -22.746 ± 0.016 χ^2/NDF : 84450.5/5

Left: -22.993 ± 0.011 χ^2/NDF : 197733.6/13

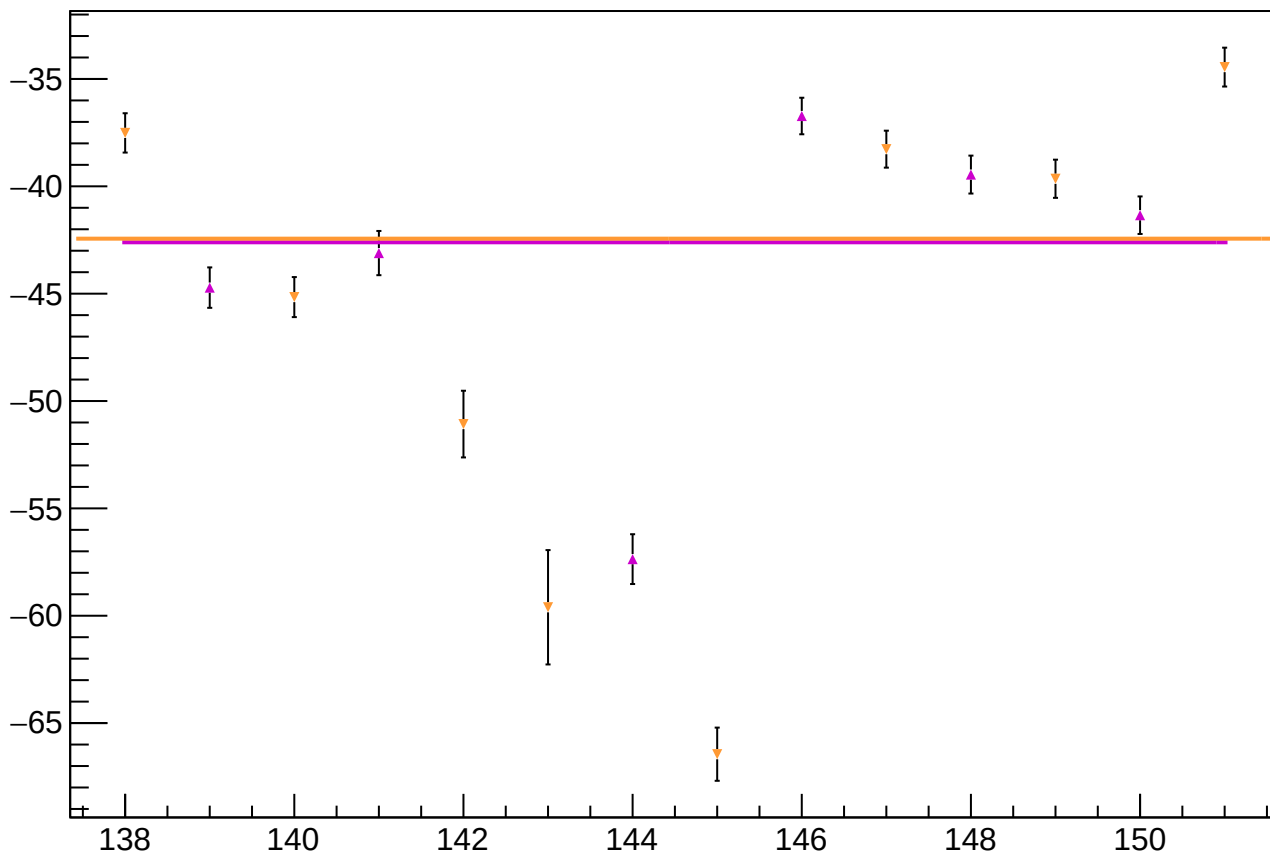
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -21.296 ± 0.011 χ^2/NDF : 127030.4/21

Out: -22.086 ± 0.011 χ^2/NDF : 217631.0/25

All: -21.691 ± 0.008 χ^2/NDF : 347189.8/47

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: -42.607+/-0.384 χ^2/NDF :229.8/5

Left: -42.519+/-0.266 χ^2/NDF : 826.8/13

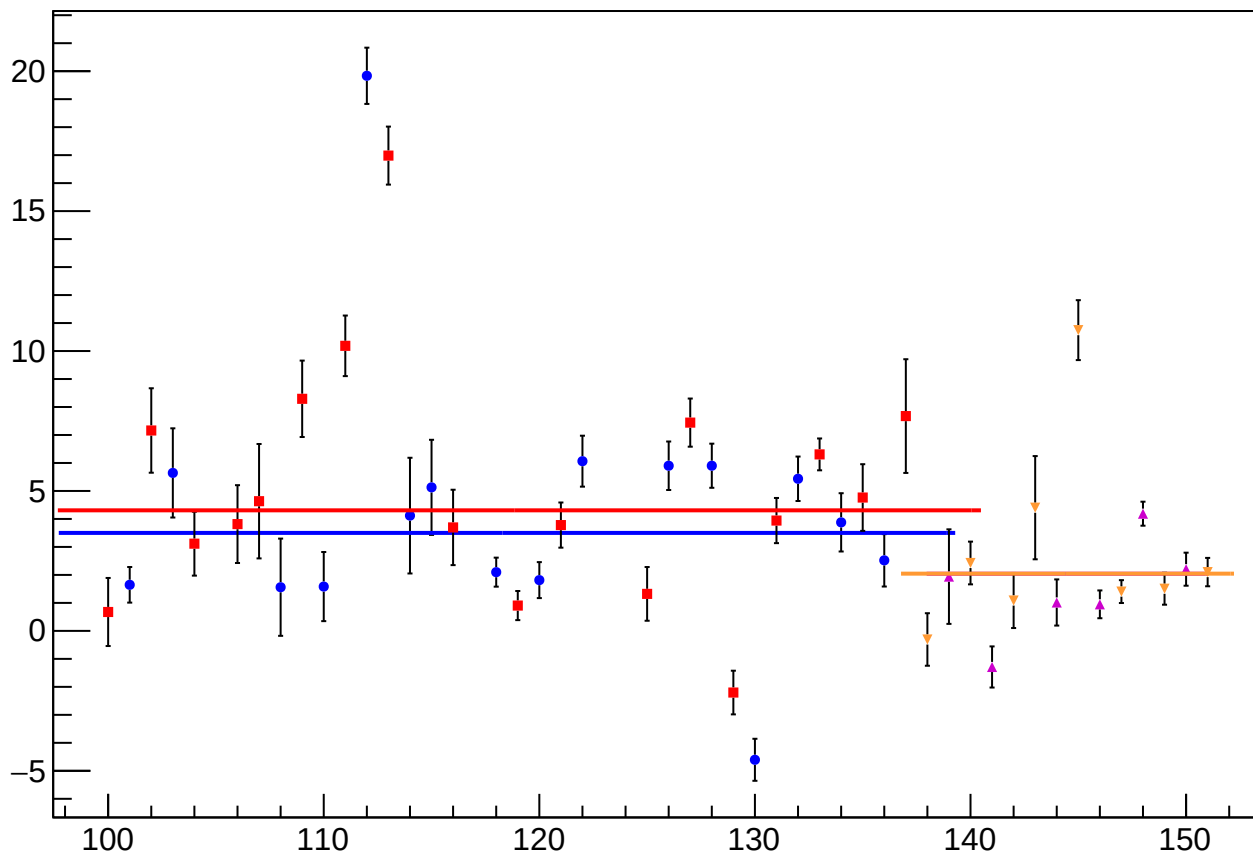
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.607+/-0.384 χ^2/NDF :229.8/5

Out: -42.438+/-0.368 χ^2/NDF :596.9/7

All: -42.519+/-0.266 χ^2/NDF : 826.8/13

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 2.045 $\pm$ 0.236 χ^2 /NDF:78.5/7

Right Out: 4.308 $\pm$ 0.221 χ^2 /NDF: 352.8/17

Left In: 2.041 $\pm$ 0.250 χ^2 /NDF:52.1/5

Left: 2.043 $\pm$ 0.171 χ^2 /NDF: 130.6/13

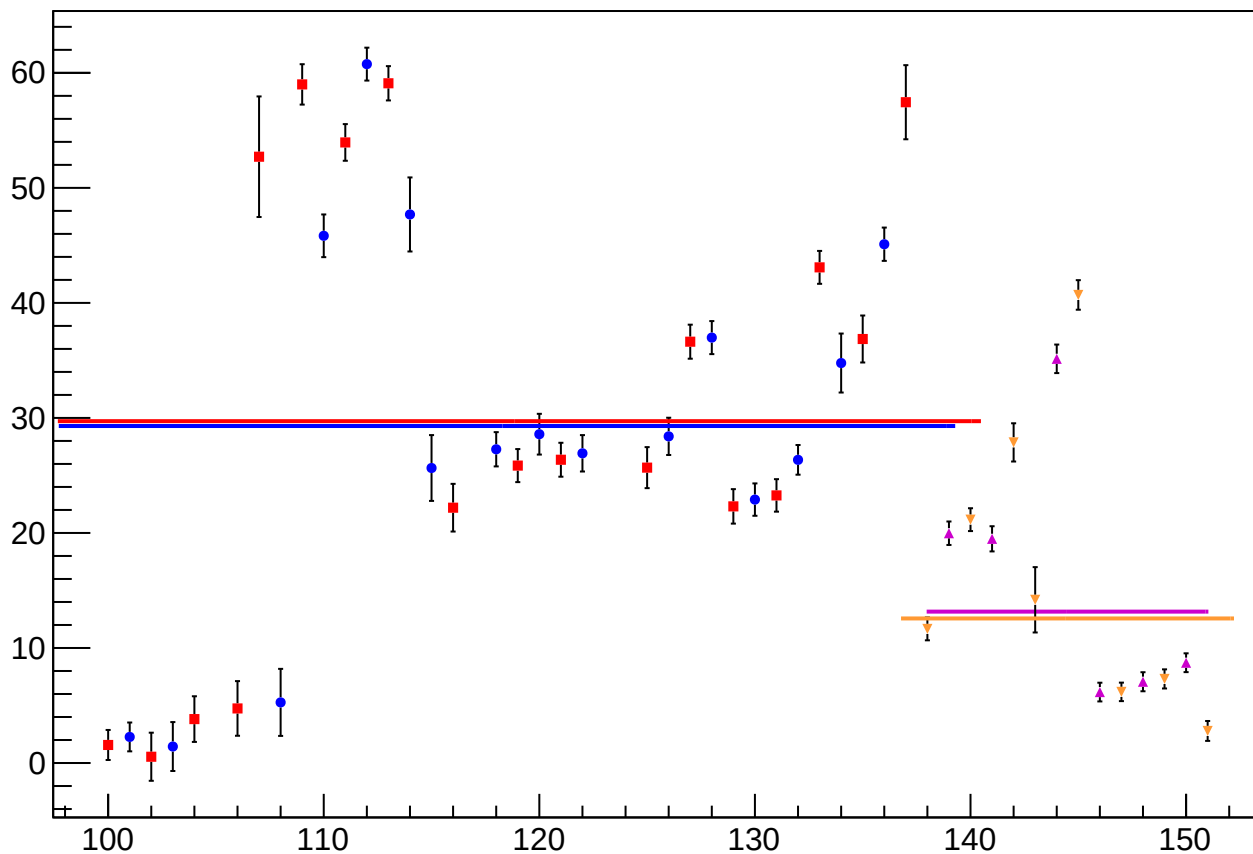
Right: 3.897 $\pm$ 0.155 χ^2 /NDF: 801.4/33

In: 2.871 $\pm$ 0.164 χ^2 /NDF:513.4/21

Out: 3.247 $\pm$ 0.161 χ^2 /NDF:480.3/25

All: 3.062 $\pm$ 0.115 χ^2 /NDF: 996.3/47

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 12.567 $\pm$ 0.366 χ^2 /NDF:870.4/7

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 13.161 $\pm$ 0.380 χ^2 /NDF:549.8/5

Left: 12.853 $\pm$ 0.264 χ^2 /NDF: 1421.5/13

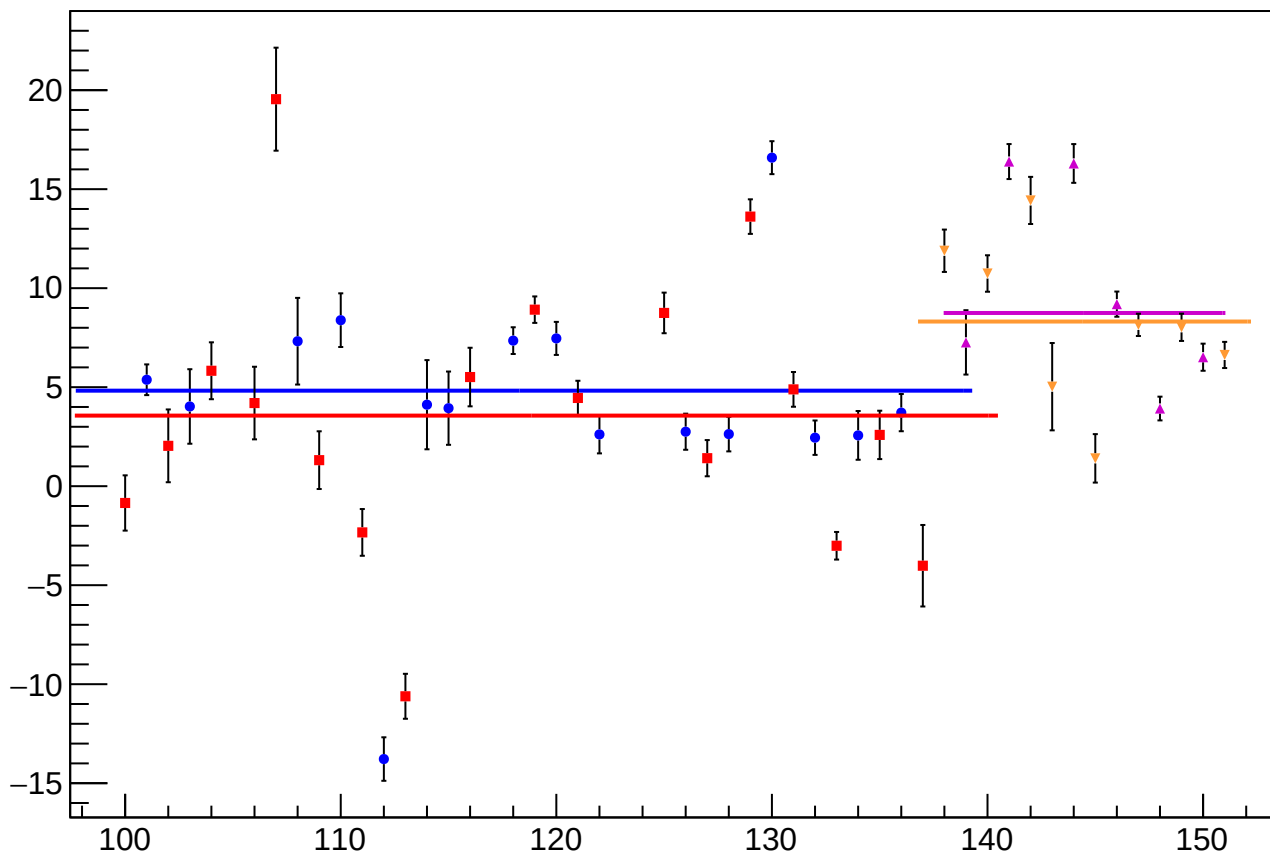
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 20.484 $\pm$ 0.281 χ^2 /NDF:2851.8/21

Out: 20.338 $\pm$ 0.271 χ^2 /NDF:3992.2/25

All: 20.408 $\pm$ 0.195 χ^2 /NDF: 6844.2/47

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 8.315 ± 0.299 $\chi^2/\text{NDF}: 85.4/7$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 8.748 ± 0.315 $\chi^2/\text{NDF}: 211.2/5$

Left: 8.520 ± 0.217 $\chi^2/\text{NDF}: 297.6/13$

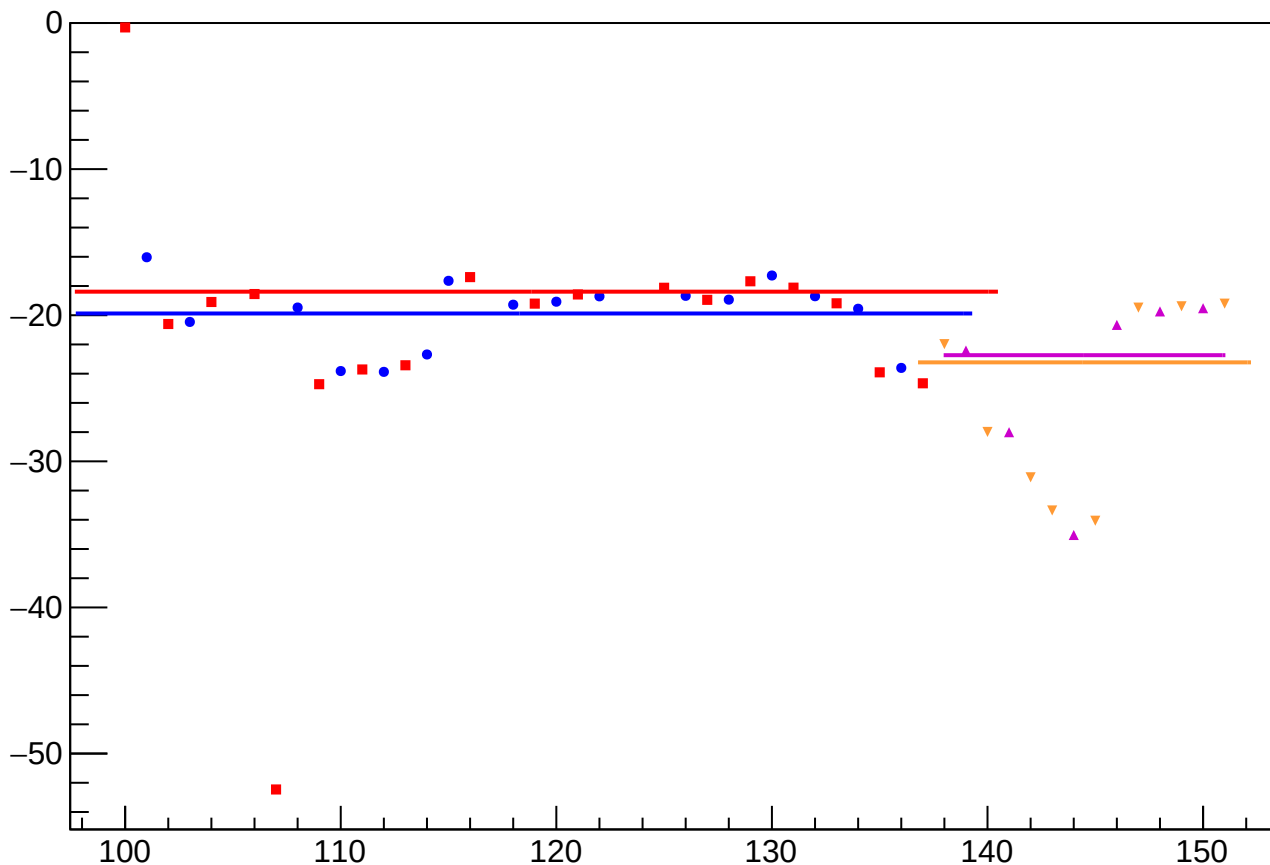
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 6.353 ± 0.196 $\chi^2/\text{NDF}: 855.3/21$

Out: 5.560 ± 0.194 $\chi^2/\text{NDF}: 802.1/25$

All: 5.951 ± 0.138 $\chi^2/\text{NDF}: 1665.6/47$

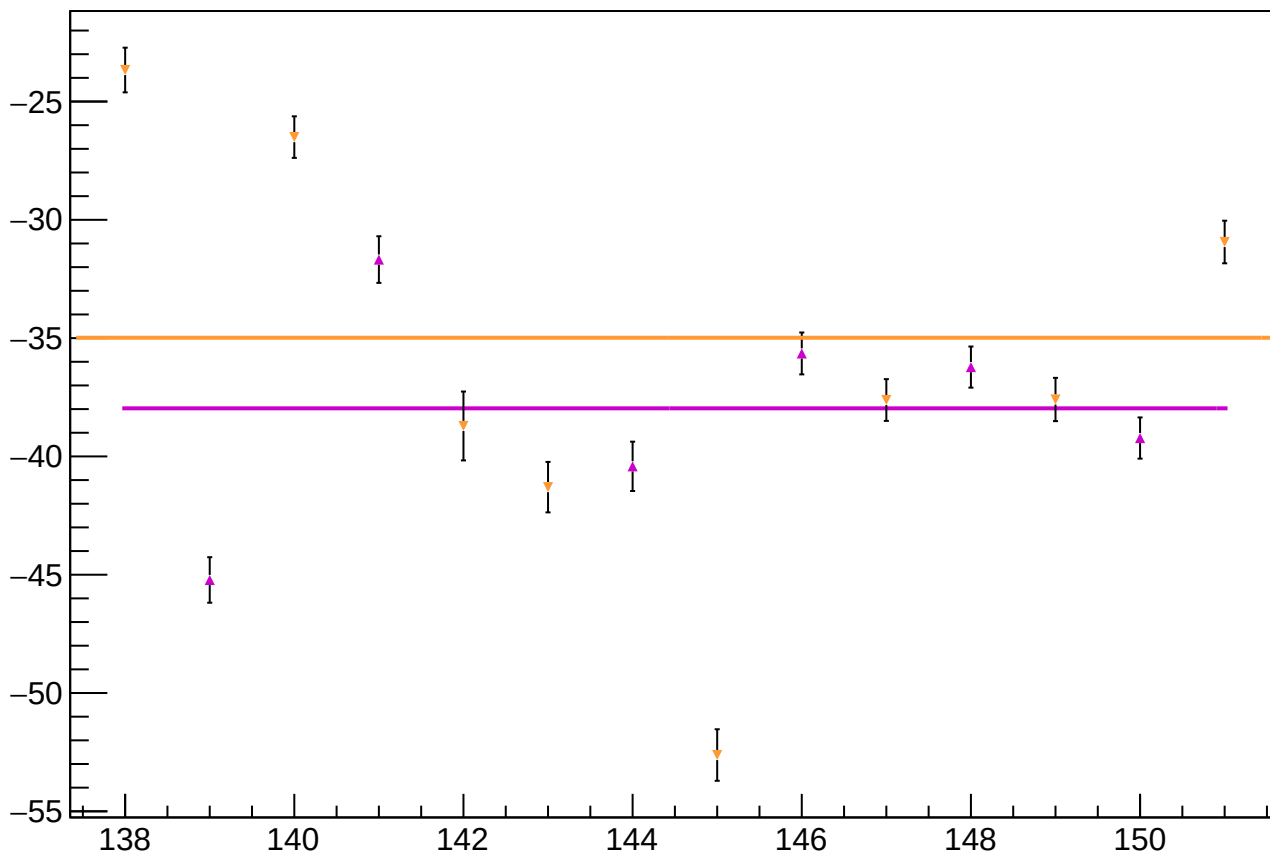
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -22.734 ± 0.016 $\chi^2/\text{NDF}: 84407.2/5$

Left: -22.982 ± 0.011 $\chi^2/\text{NDF}: 197780.2/13$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.284 ± 0.011 $\chi^2/\text{NDF}: 126996.4/21$
 Out: -20.655 ± 0.011 $\chi^2/\text{NDF}: 464633.0/25$
 All: -20.959 ± 0.008 $\chi^2/\text{NDF}: 593287.3/47$

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: -37.968+/-0.379 χ^2/NDF :116.1/5

Left: -36.342+/-0.256 χ^2/NDF : 727.7/13

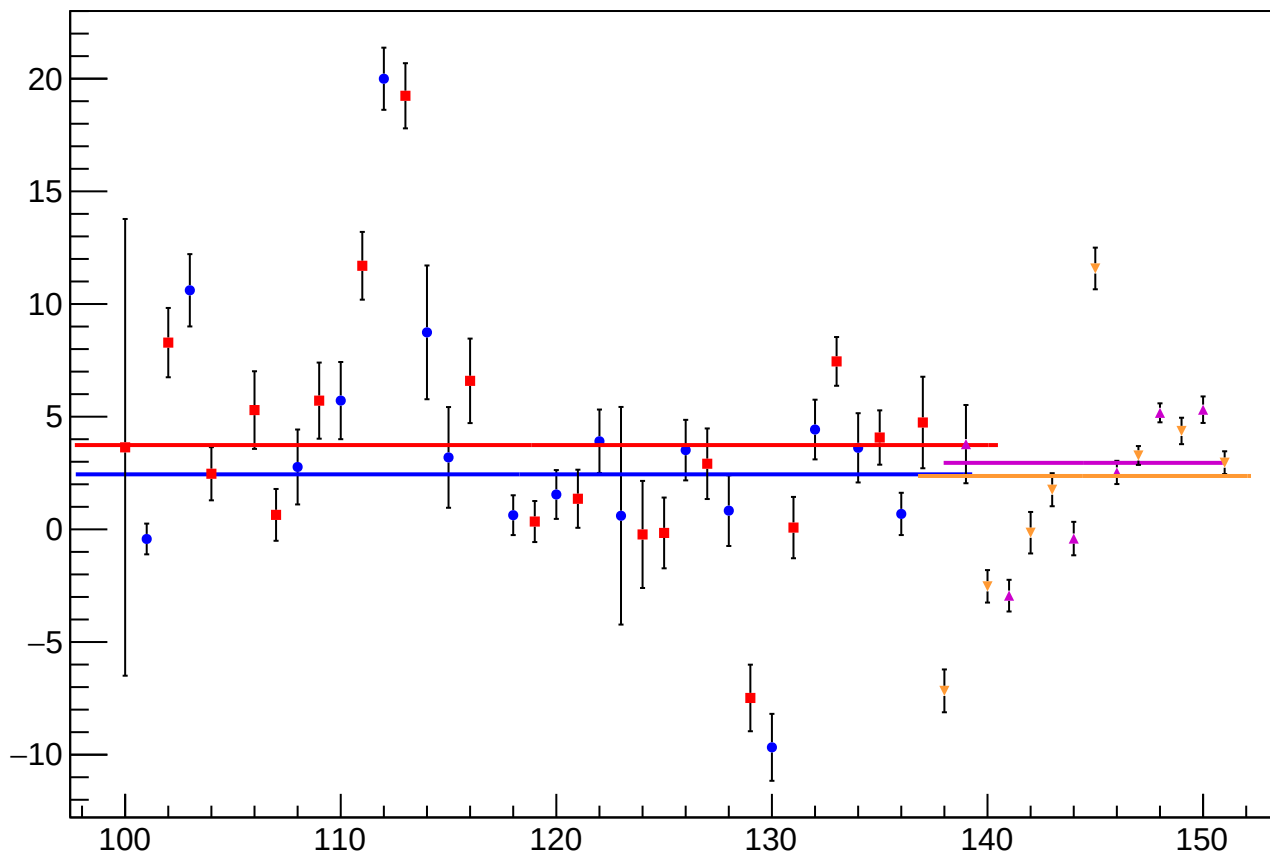
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.968+/-0.379 χ^2/NDF :116.1/5

Out: -34.984+/-0.347 χ^2/NDF :577.9/7

All: -36.342+/-0.256 χ^2/NDF : 727.7/13

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.369 ± 0.225 χ^2/NDF : 272.0/7

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 2.951 ± 0.246 χ^2/NDF : 135.5/5

Left: 2.633 ± 0.166 χ^2/NDF : 410.5/13

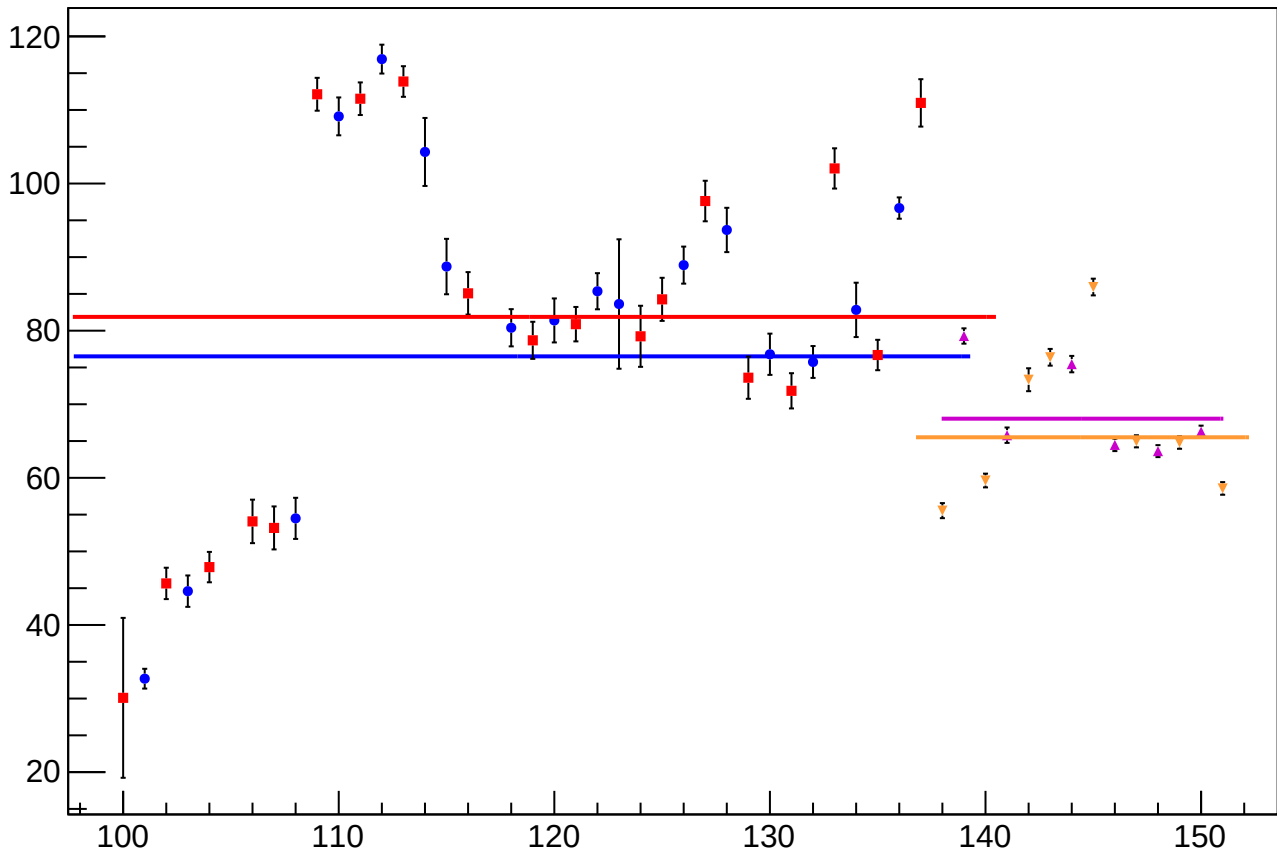
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 2.755 ± 0.193 χ^2/NDF : 431.8/22

Out: 2.810 ± 0.185 χ^2/NDF : 552.1/26

All: 2.784 ± 0.134 χ^2/NDF : 984.0/49

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: 68.040 $\pm$ 0.377 χ^2 /NDF: 217.1/5

Left: 66.677 $\pm$ 0.256 χ^2 /NDF: 881.3/13

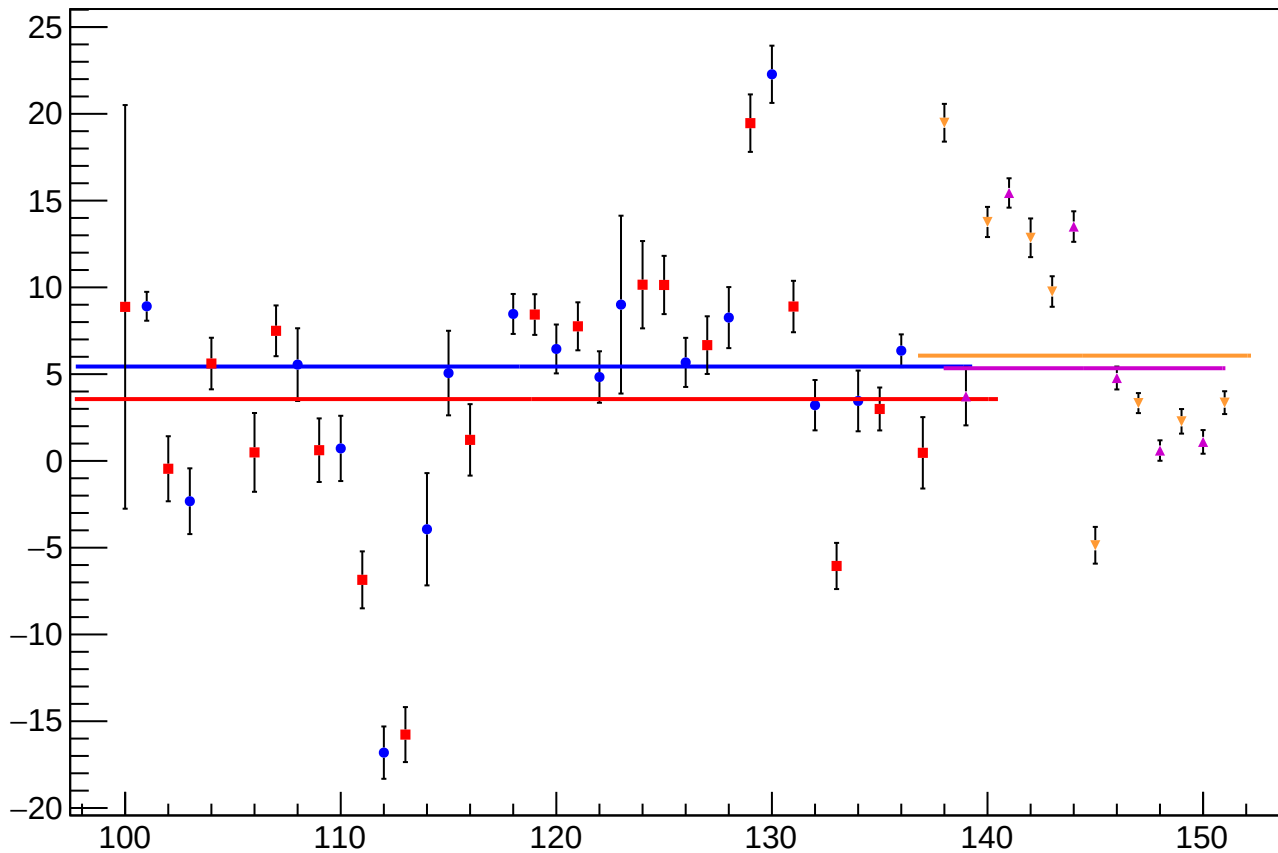
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 70.587 $\pm$ 0.315 χ^2 /NDF: 2620.1/22

Out: 69.720 $\pm$ 0.300 χ^2 /NDF: 2778.7/26

All: 70.133 $\pm$ 0.217 χ^2 /NDF: 5402.8/49

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: 5.340 ± 0.310 $\chi^2/\text{NDF}: 333.8/5$

Left: 5.737 ± 0.209 $\chi^2/\text{NDF}: 796.8/13$

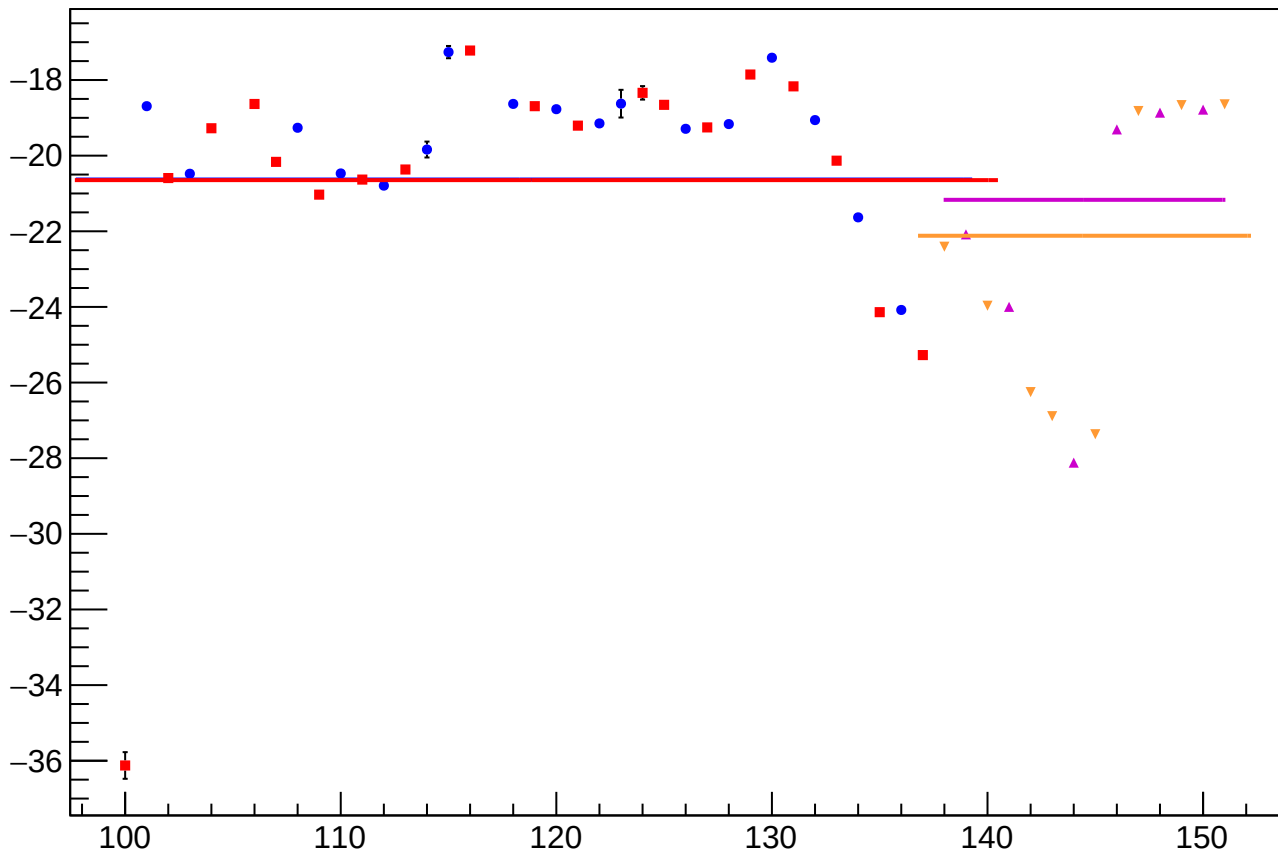
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.383 ± 0.235 $\chi^2/\text{NDF}: 720.0/22$

Out: 5.157 ± 0.226 $\chi^2/\text{NDF}: 909.2/26$

All: 5.266 ± 0.163 $\chi^2/\text{NDF}: 1629.7/49$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -22.118 $\pm$ 0.015 χ^2 /NDF:55584.0/7

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -21.168 $\pm$ 0.016 χ^2 /NDF:36934.3/5

Left: -21.670 $\pm$ 0.011 χ^2 /NDF: 94454.7/13

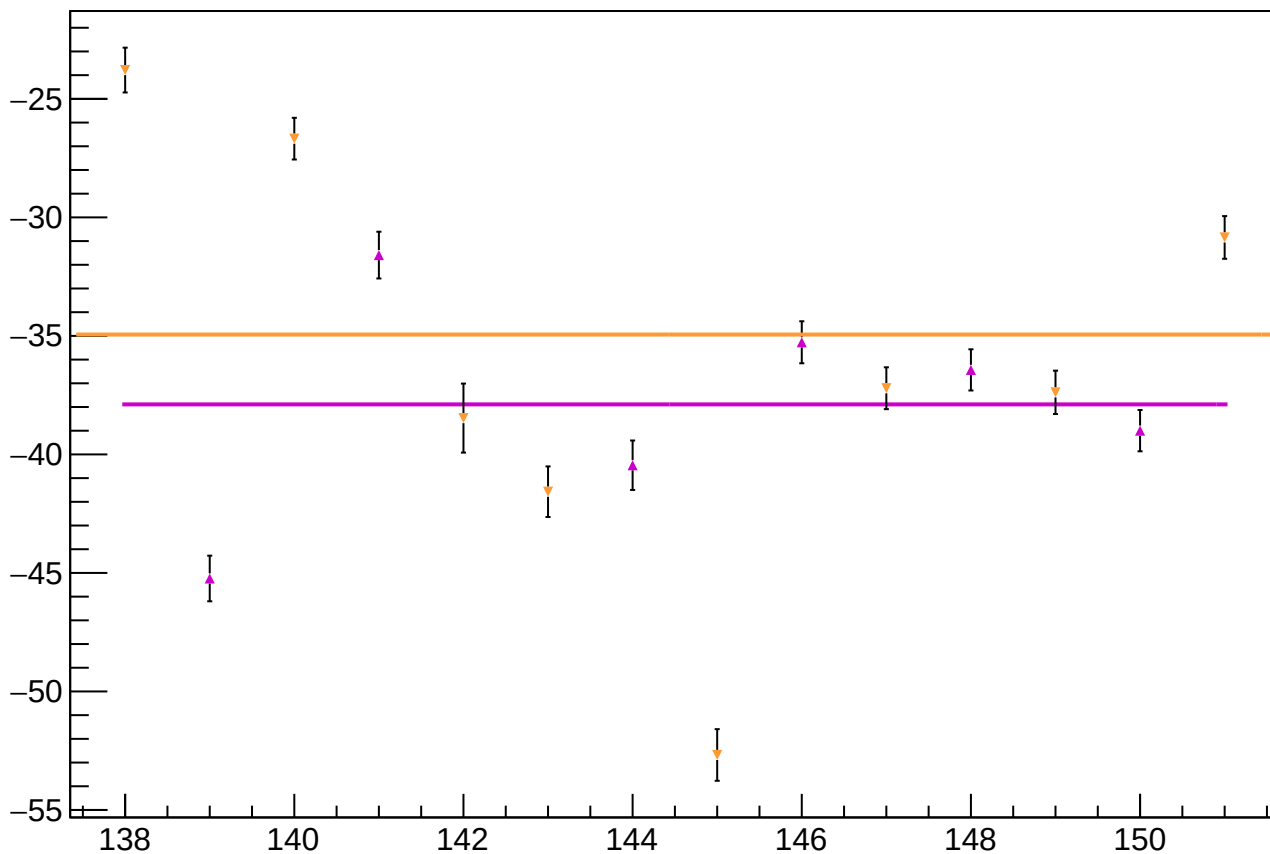
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.954 $\pm$ 0.012 χ^2 /NDF:49901.4/22

Out: -21.577 $\pm$ 0.012 χ^2 /NDF:73115.1/26

All: -21.276 $\pm$ 0.008 χ^2 /NDF: 124366.2/49

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: -37.889+/-0.379 χ^2/NDF :118.3/5

Left: -36.284+/-0.256 χ^2/NDF : 722.7/13

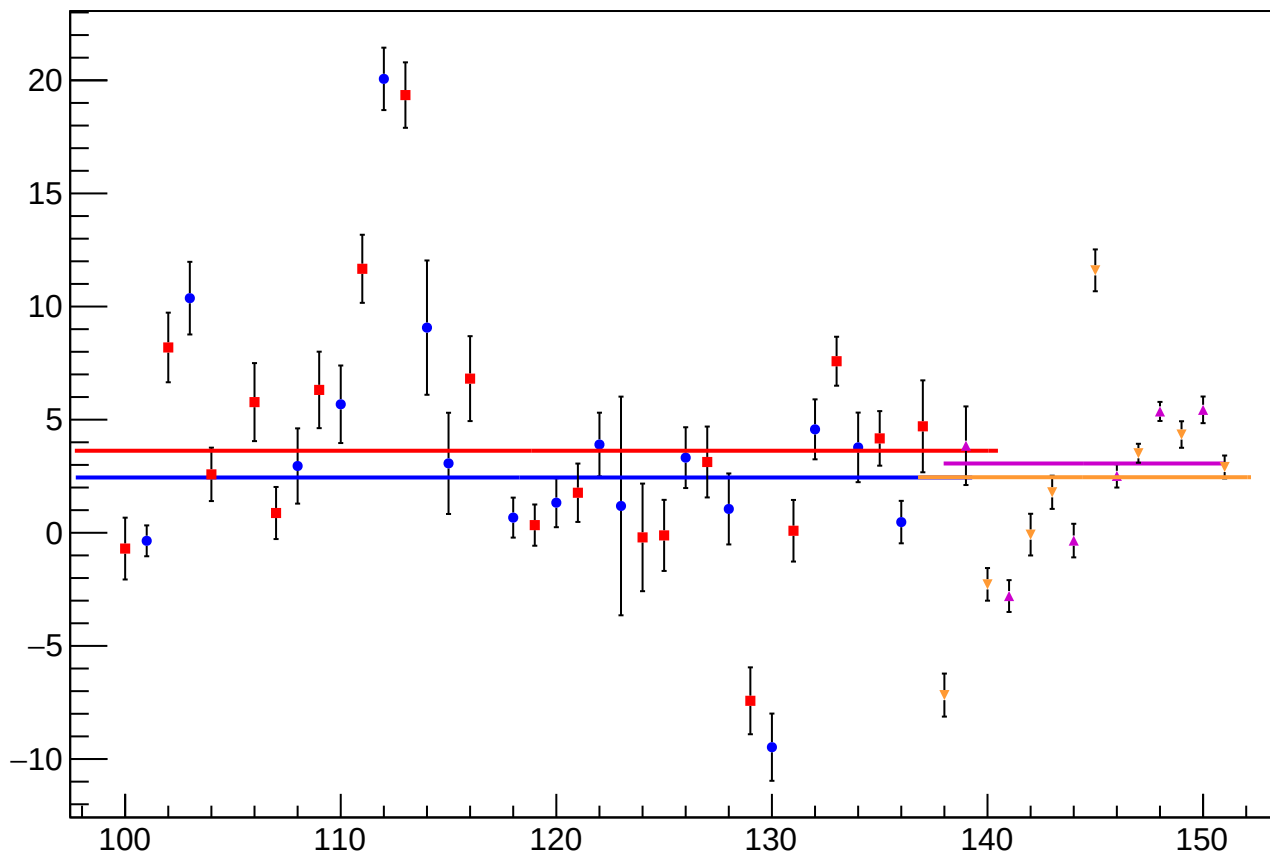
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.889+/-0.379 χ^2/NDF :118.3/5

Out: -34.943+/-0.347 χ^2/NDF :571.5/7

All: -36.284+/-0.256 χ^2/NDF : 722.7/13

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: 3.063 $\pm$ 0.247 χ^2 /NDF:137.7/5

Left: 2.732 $\pm$ 0.166 χ^2 /NDF: 410.4/13

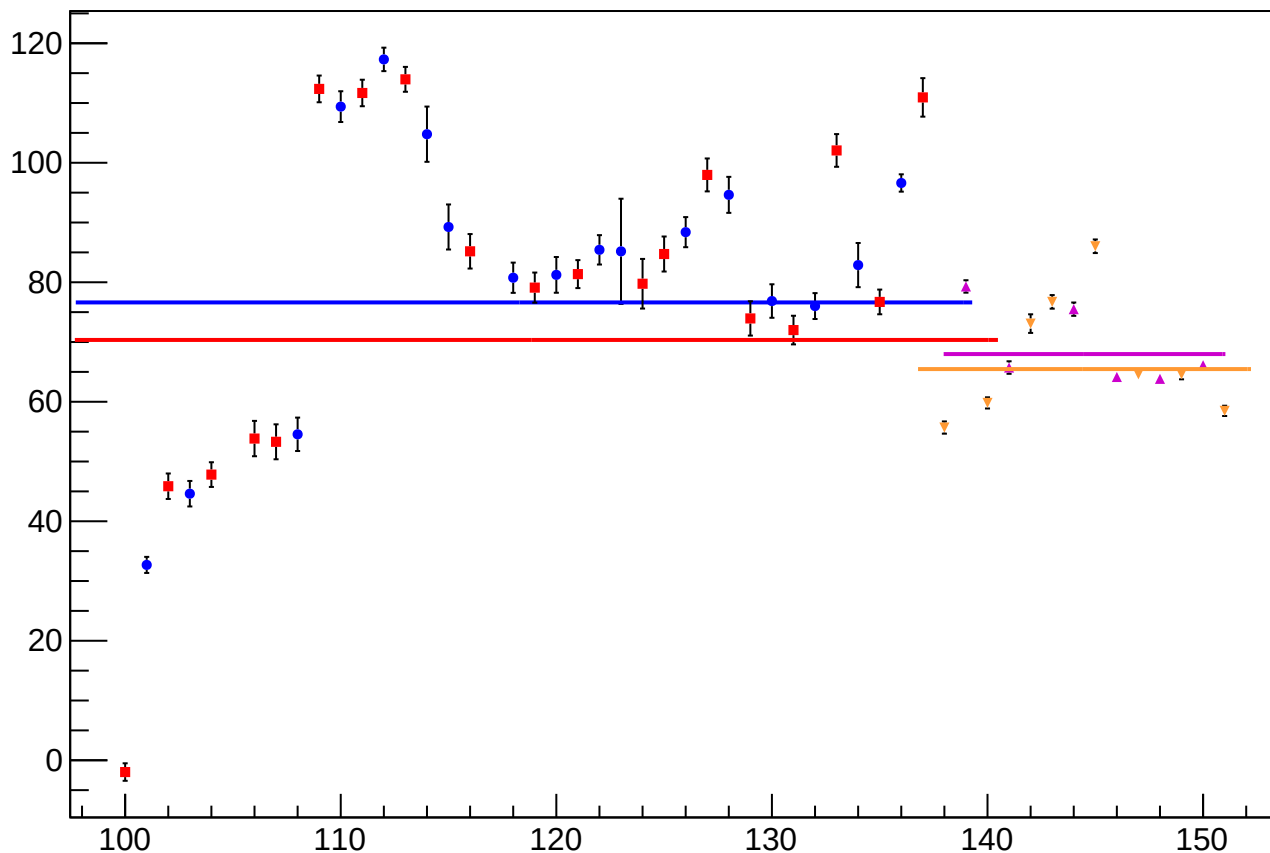
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.825 $\pm$ 0.193 χ^2 /NDF:432.8/22

Out: 2.847 $\pm$ 0.184 χ^2 /NDF:557.3/26

All: 2.836 $\pm$ 0.133 χ^2 /NDF: 990.2/49

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: 67.983 $\pm$ 0.377 χ^2 /NDF: 219.6/5

Left: 66.629 $\pm$ 0.256 χ^2 /NDF: 887.5/13

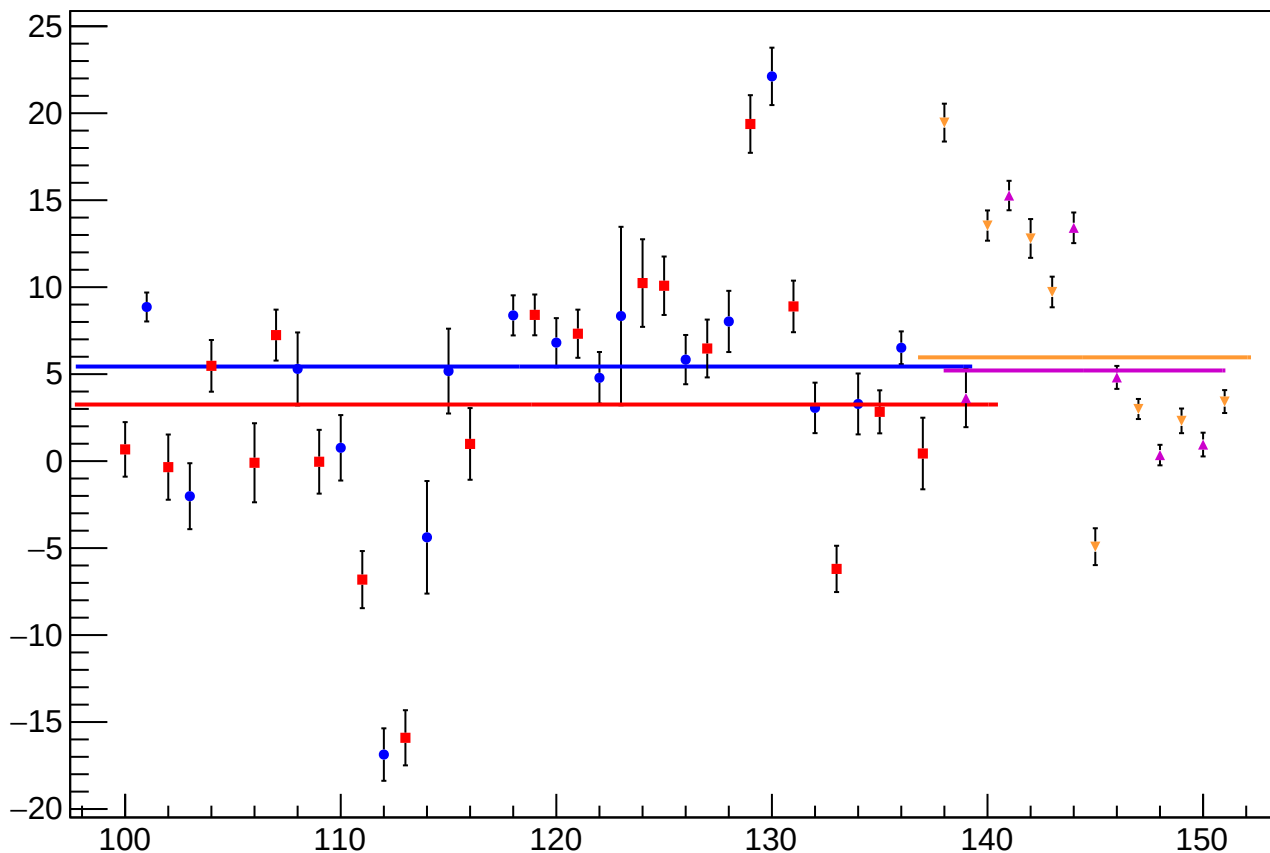
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 70.583 $\pm$ 0.315 χ^2 /NDF: 2640.7/22

Out: 66.869 $\pm$ 0.294 χ^2 /NDF: 5088.1/26

All: 68.599 $\pm$ 0.215 χ^2 /NDF: 7803.1/49

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 5.965 ± 0.283 χ^2/NDF : 458.8/7

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 5.210 ± 0.311 χ^2/NDF : 336.2/5

Left: 5.623 ± 0.209 χ^2/NDF : 798.2/13

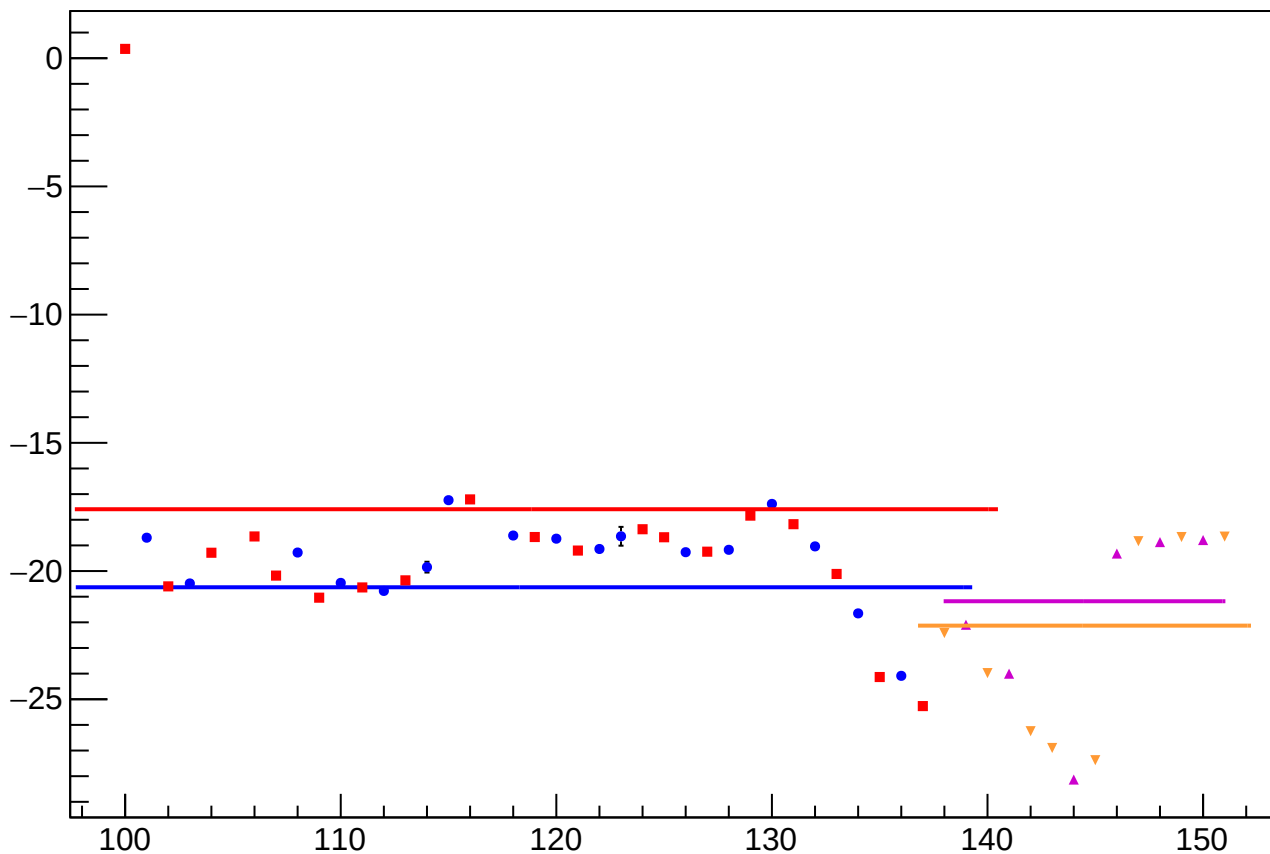
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 5.308 ± 0.235 χ^2/NDF : 720.9/22

Out: 4.946 ± 0.224 χ^2/NDF : 917.0/26

All: 5.118 ± 0.162 χ^2/NDF : 1639.1/49

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: -21.177 ± 0.016 $\chi^2/\text{NDF}: 36908.3/5$

Left: -21.680 ± 0.011 $\chi^2/\text{NDF}: 94295.2/13$

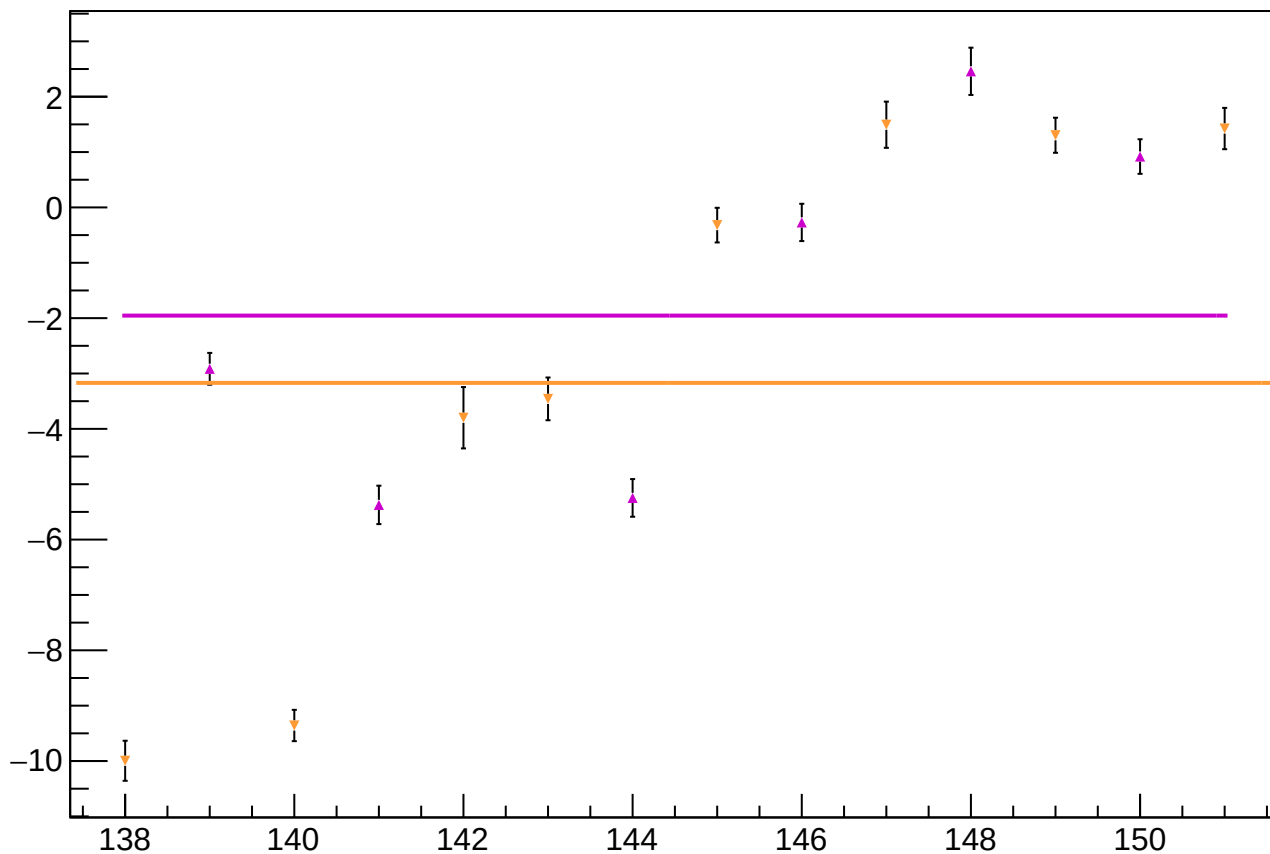
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.960 ± 0.012 $\chi^2/\text{NDF}: 49931.4/22$

Out: -20.295 ± 0.011 $\chi^2/\text{NDF}: 271971.6/26$

All: -20.607 ± 0.008 $\chi^2/\text{NDF}: 323488.9/49$

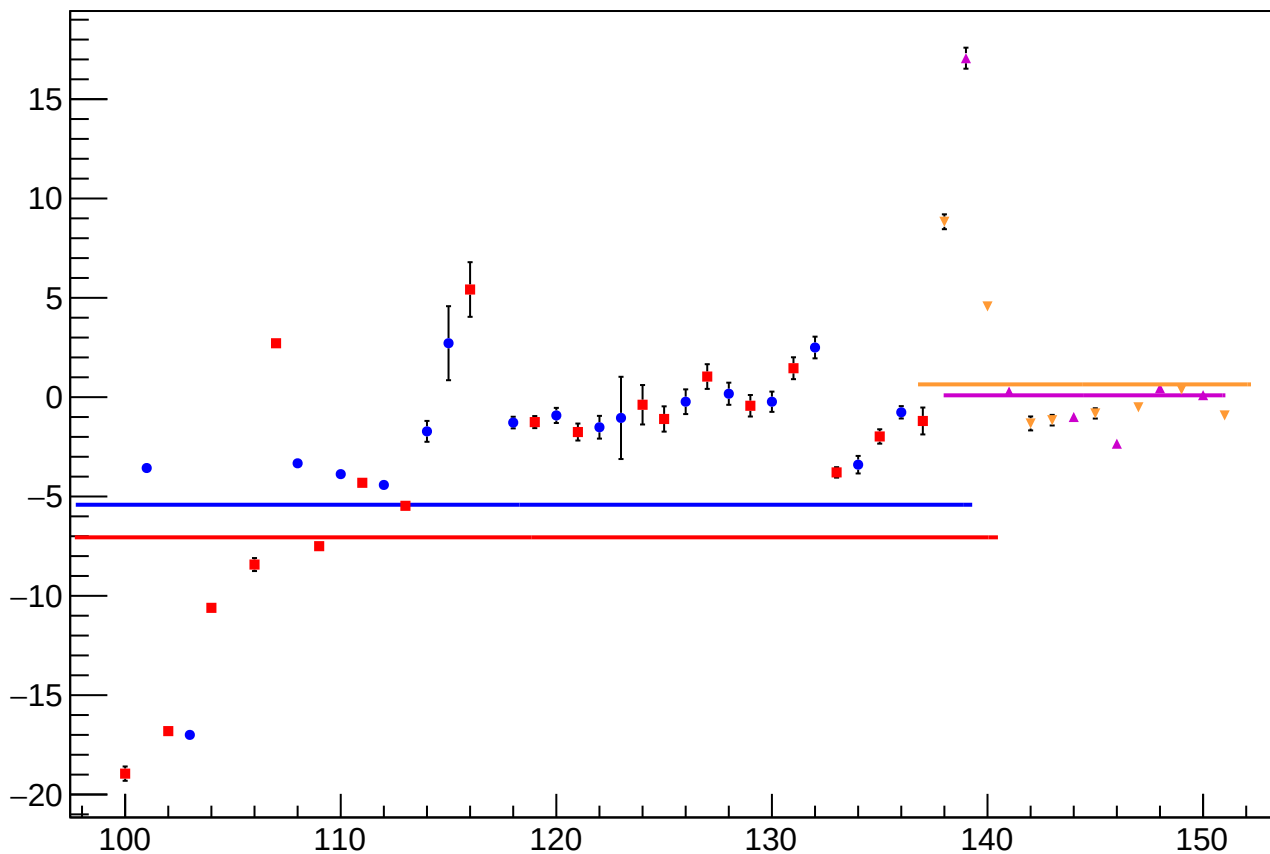
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -1.954+/-0.137 χ^2/NDF :418.5/5

Left: -2.612+/-0.093 χ^2/NDF : 1856.5/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.954+/-0.137 χ^2/NDF :418.5/5
 Out: -3.169+/-0.126 χ^2/NDF :1395.2/7
 All: -2.612+/-0.093 χ^2/NDF : 1856.5/13

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: 0.093 ± 0.098 χ^2/NDF : 1182.4/5

Left: 0.401 ± 0.065 χ^2/NDF : 2149.4/13

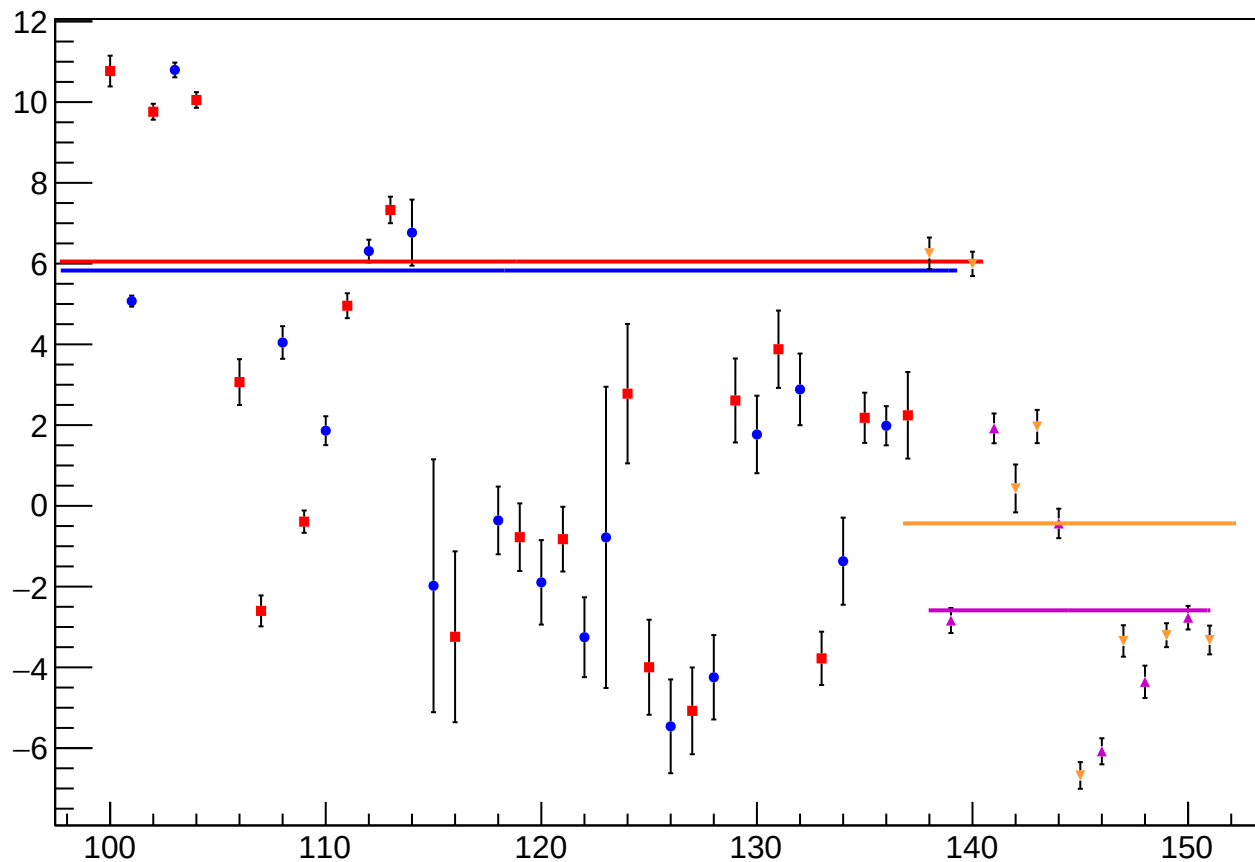
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -4.114 ± 0.048 χ^2/NDF : 12827.4/22

Out: -4.642 ± 0.049 χ^2/NDF : 18618.7/26

All: -4.373 ± 0.034 χ^2/NDF : 31505.8/49

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: -2.588 ± 0.138 $\chi^2/\text{NDF}: 321.6/5$

Left: -1.431 ± 0.094 $\chi^2/\text{NDF}: 1800.1/13$

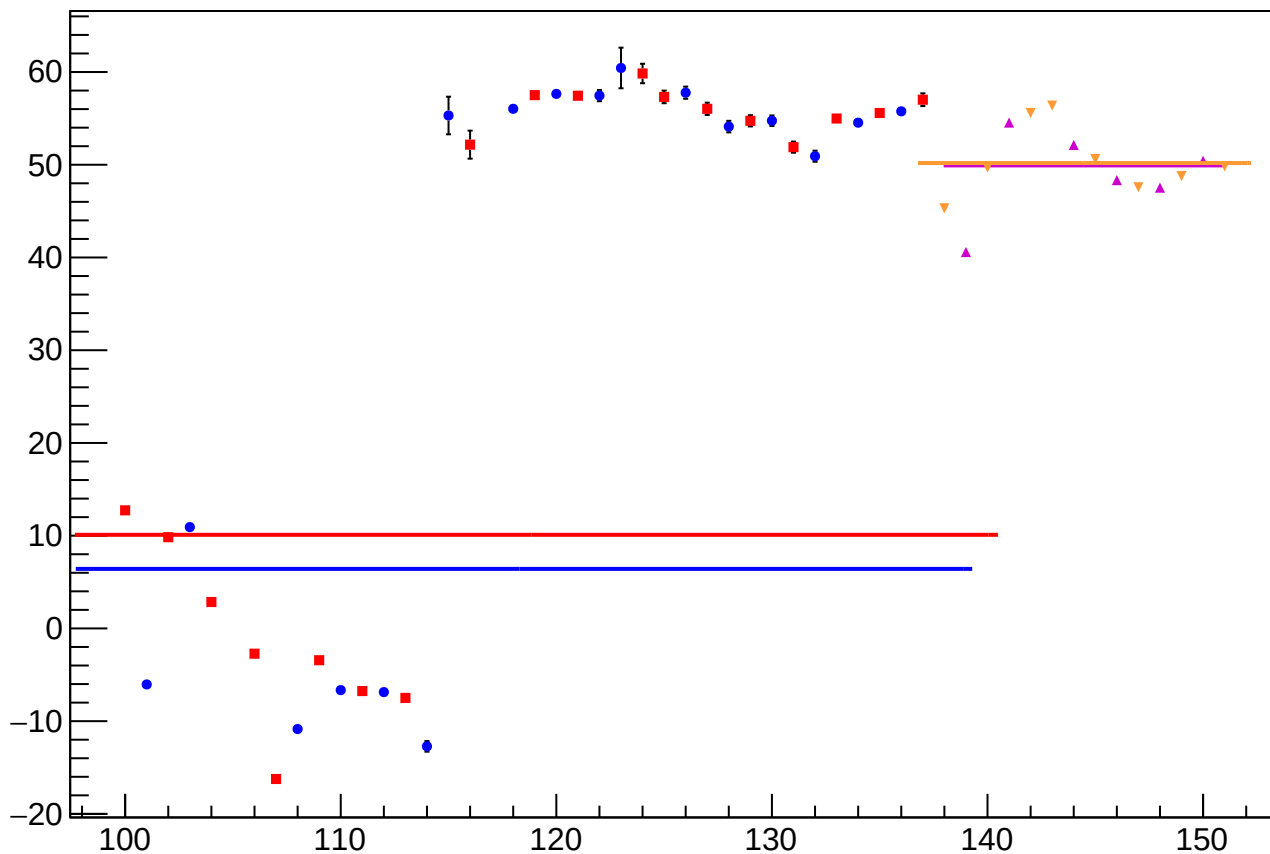
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.322 ± 0.075 $\chi^2/\text{NDF}: 4397.4/22$

Out: 3.796 ± 0.075 $\chi^2/\text{NDF}: 5700.5/26$

All: 3.558 ± 0.053 $\chi^2/\text{NDF}: 10117.8/49$

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: 49.930+/-0.120 χ^2/NDF : 740.3/5

Left: 50.072+/-0.080 χ^2/NDF : 1542.3/13

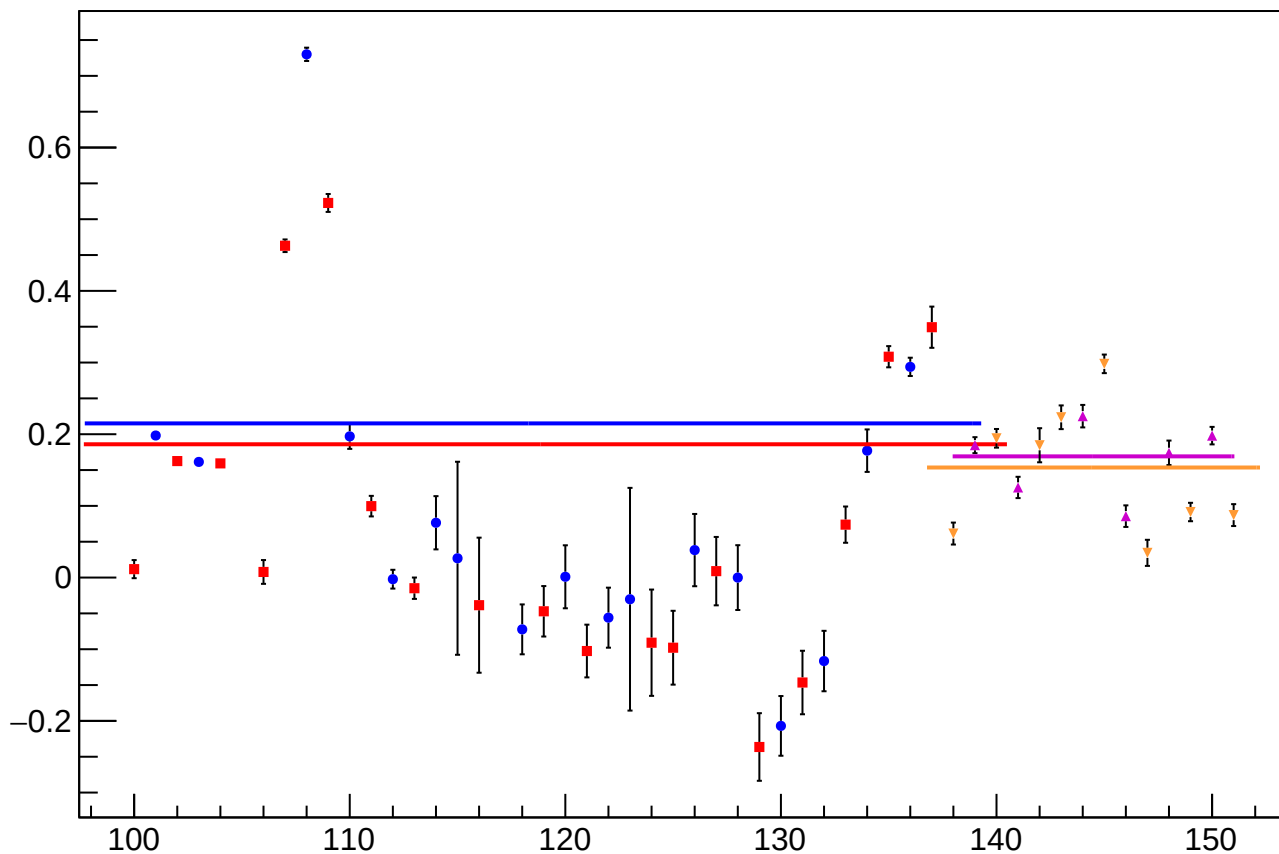
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 16.252+/-0.057 χ^2/NDF : 225925.9/22

Out: 21.994+/-0.058 χ^2/NDF : 221082.8/26

All: 19.048+/-0.041 χ^2/NDF : 451959.9/49

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: 0.169 $\pm$ 0.006 χ^2 /NDF:59.7/5

Left: 0.161 $\pm$ 0.004 χ^2 /NDF: 338.8/13

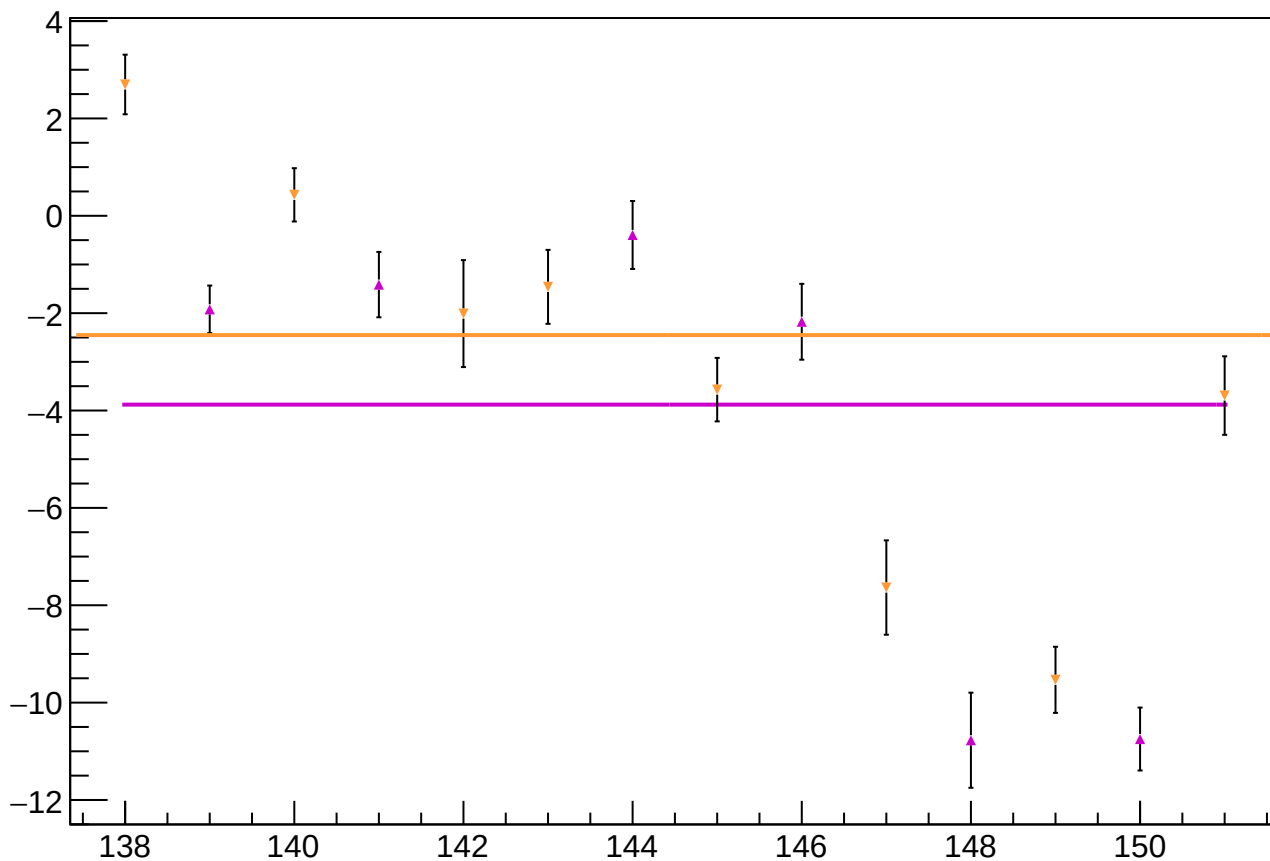
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.206 $\pm$ 0.002 χ^2 /NDF:4040.1/22

Out: 0.179 $\pm$ 0.002 χ^2 /NDF:3023.8/26

All: 0.192 $\pm$ 0.002 χ^2 /NDF: 7123.9/49

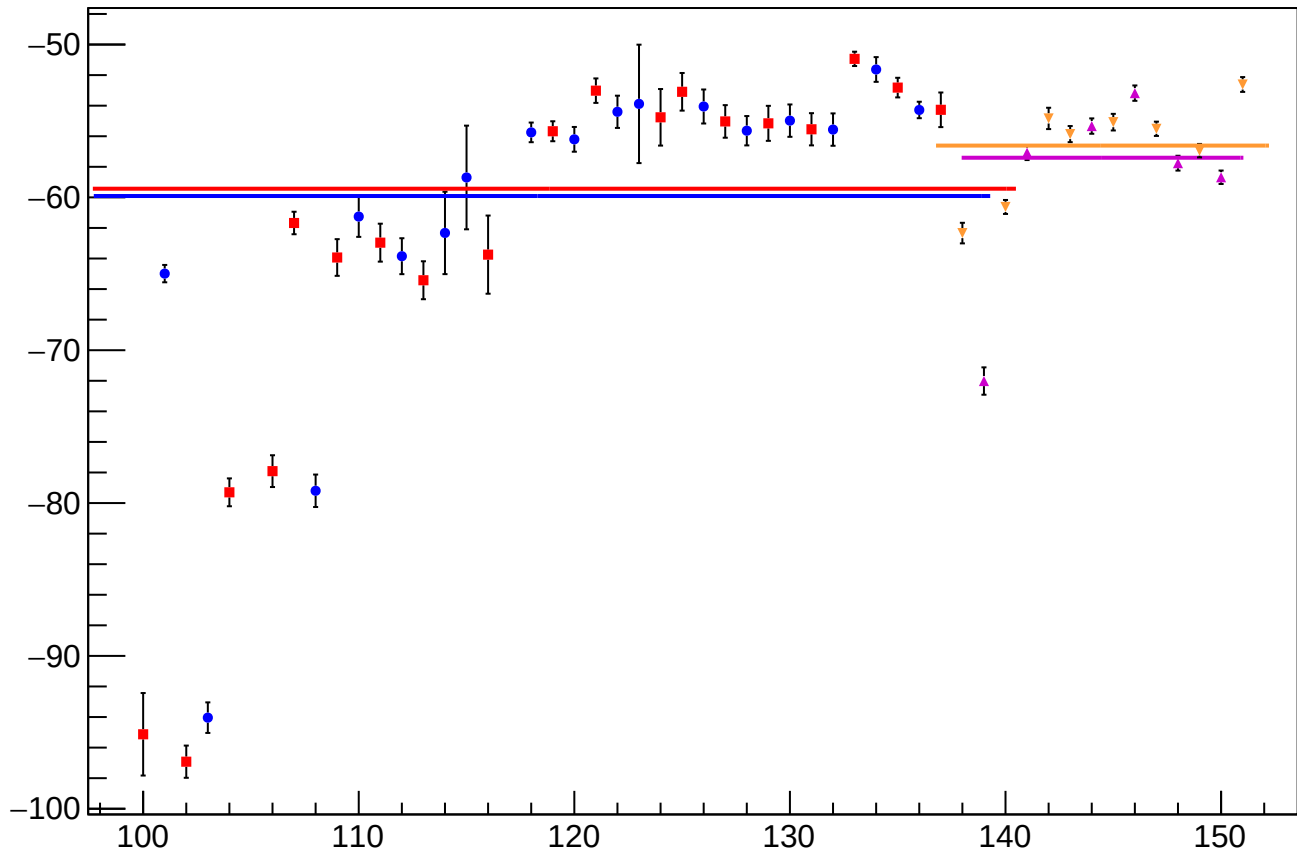
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.879+/-0.272 χ^2/NDF :222.0/5

Left: -3.113+/-0.185 χ^2/NDF : 479.8/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.879+/-0.272 χ^2/NDF :222.0/5
 Out: -2.450+/-0.252 χ^2/NDF :243.0/7
 All: -3.113+/-0.185 χ^2/NDF : 479.8/13

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: -57.407+/-0.209 χ^2/NDF : 363.6/5

Left: -56.955+/-0.138 χ^2/NDF : 611.6/13

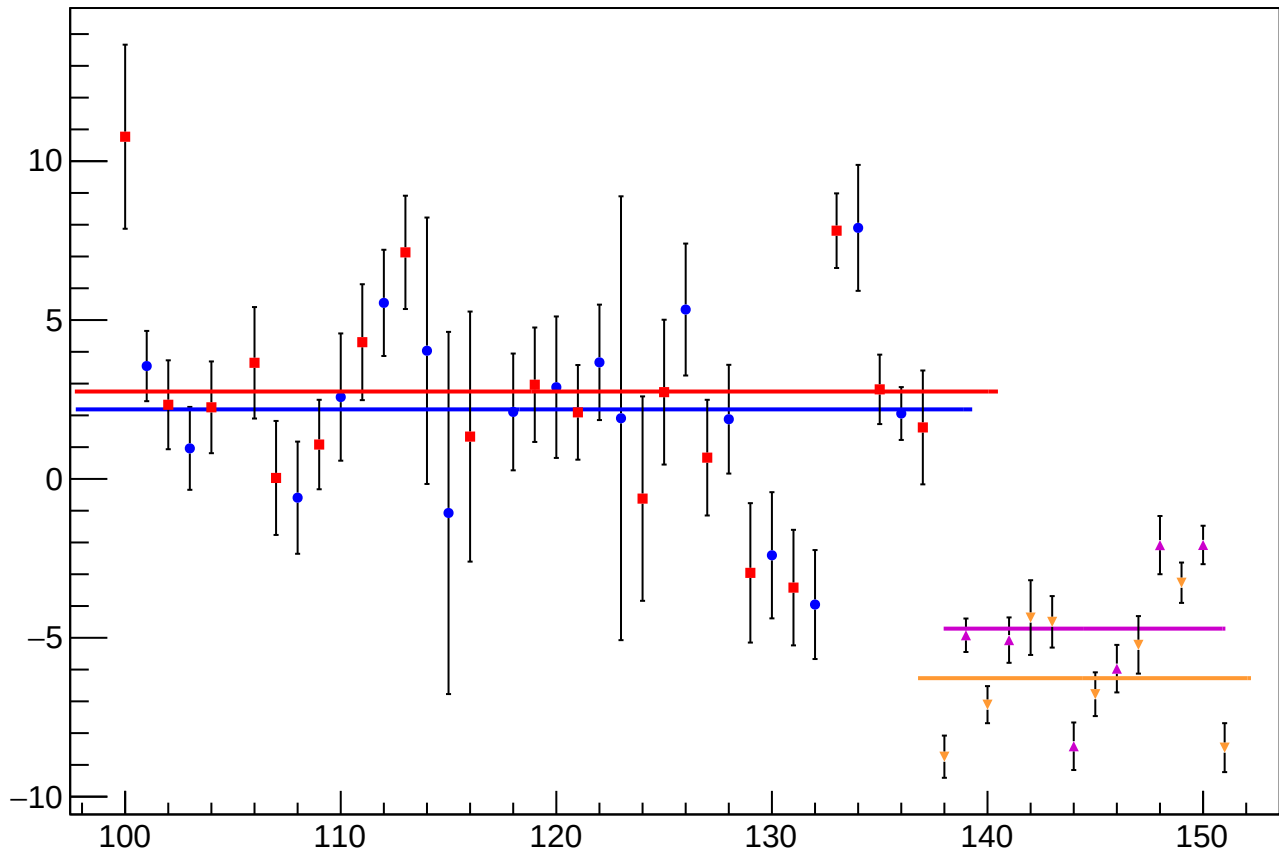
Right: -59.659+/-0.154 χ^2/NDF : 4902.1/35

In: -58.578+/-0.153 χ^2/NDF : 2411.4/22

Out: -57.815+/-0.138 χ^2/NDF : 3260.6/26

All: -58.158+/-0.102 χ^2/NDF : 5685.7/49

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: -4.712 ± 0.277 $\chi^2/\text{NDF}: 54.9/5$

Left: -5.543 ± 0.189 $\chi^2/\text{NDF}: 127.5/13$

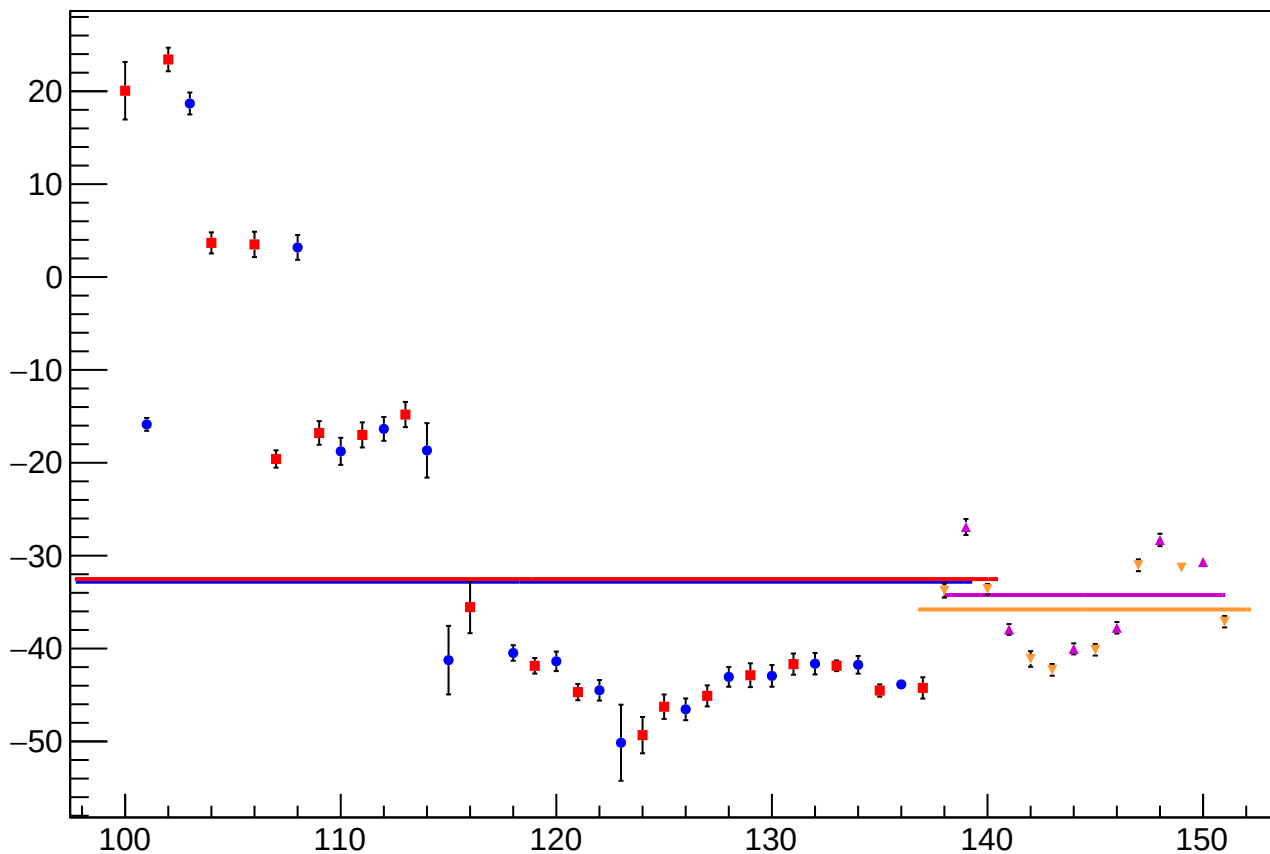
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -2.513 ± 0.228 $\chi^2/\text{NDF}: 292.3/22$

Out: -3.488 ± 0.215 $\chi^2/\text{NDF}: 489.3/26$

All: -3.030 ± 0.157 $\chi^2/\text{NDF}: 791.2/49$

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: -34.237 ± 0.251 $\chi^2/\text{NDF}: 368.0/5$

Left: -35.109 ± 0.166 $\chi^2/\text{NDF}: 740.4/13$

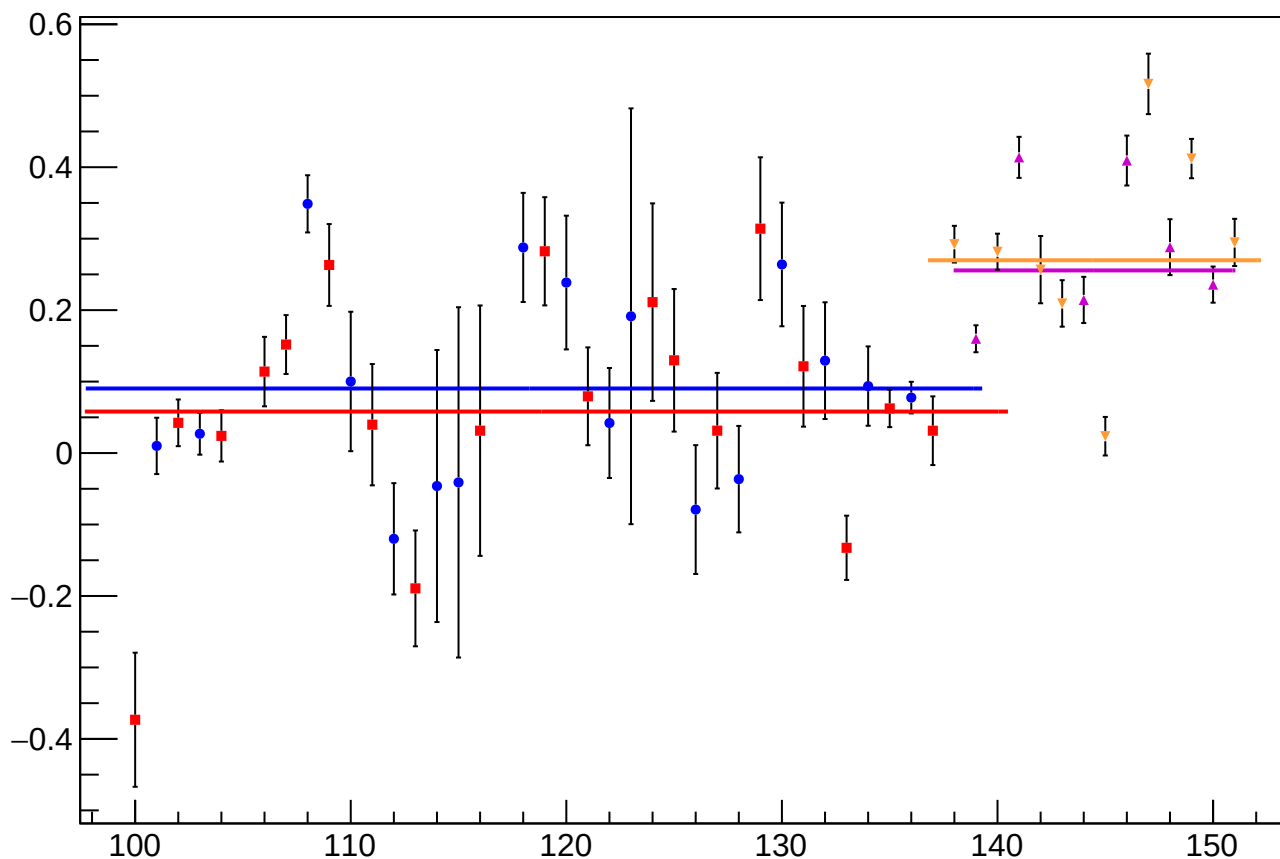
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.531 ± 0.179 $\chi^2/\text{NDF}: 5046.9/22$

Out: -34.307 ± 0.164 $\chi^2/\text{NDF}: 6489.4/26$

All: -33.952 ± 0.121 $\chi^2/\text{NDF}: 11546.5/49$

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: 0.256 ± 0.011 $\chi^2/\text{NDF}: 78.3/5$

Left: 0.263 ± 0.008 $\chi^2/\text{NDF}: 228.4/13$

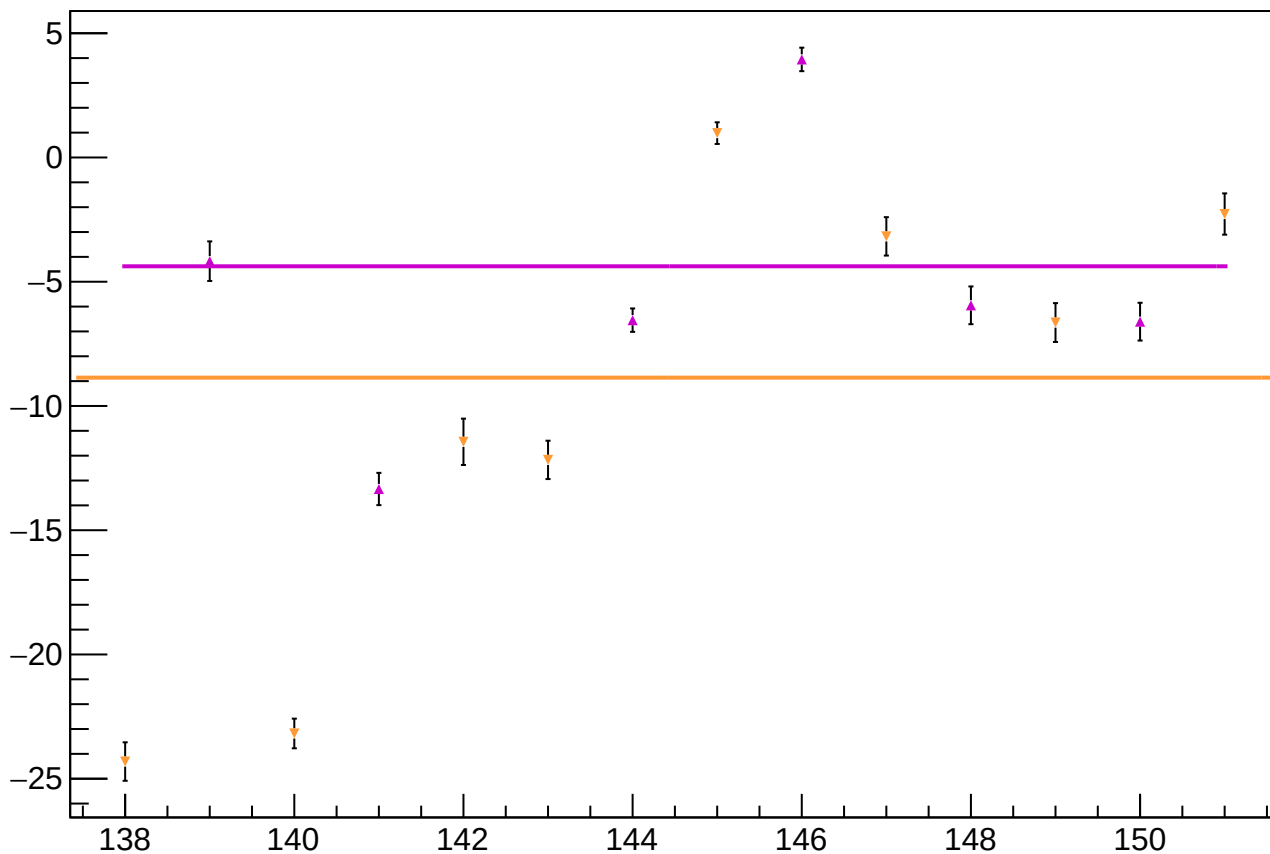
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.184 ± 0.008 $\chi^2/\text{NDF}: 252.9/22$

Out: 0.177 ± 0.008 $\chi^2/\text{NDF}: 406.8/26$

All: 0.180 ± 0.006 $\chi^2/\text{NDF}: 660.1/49$

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: -4.379+/-0.247 χ^2/NDF :535.0/5

Left: -6.681+/-0.172 χ^2/NDF : 2338.2/13

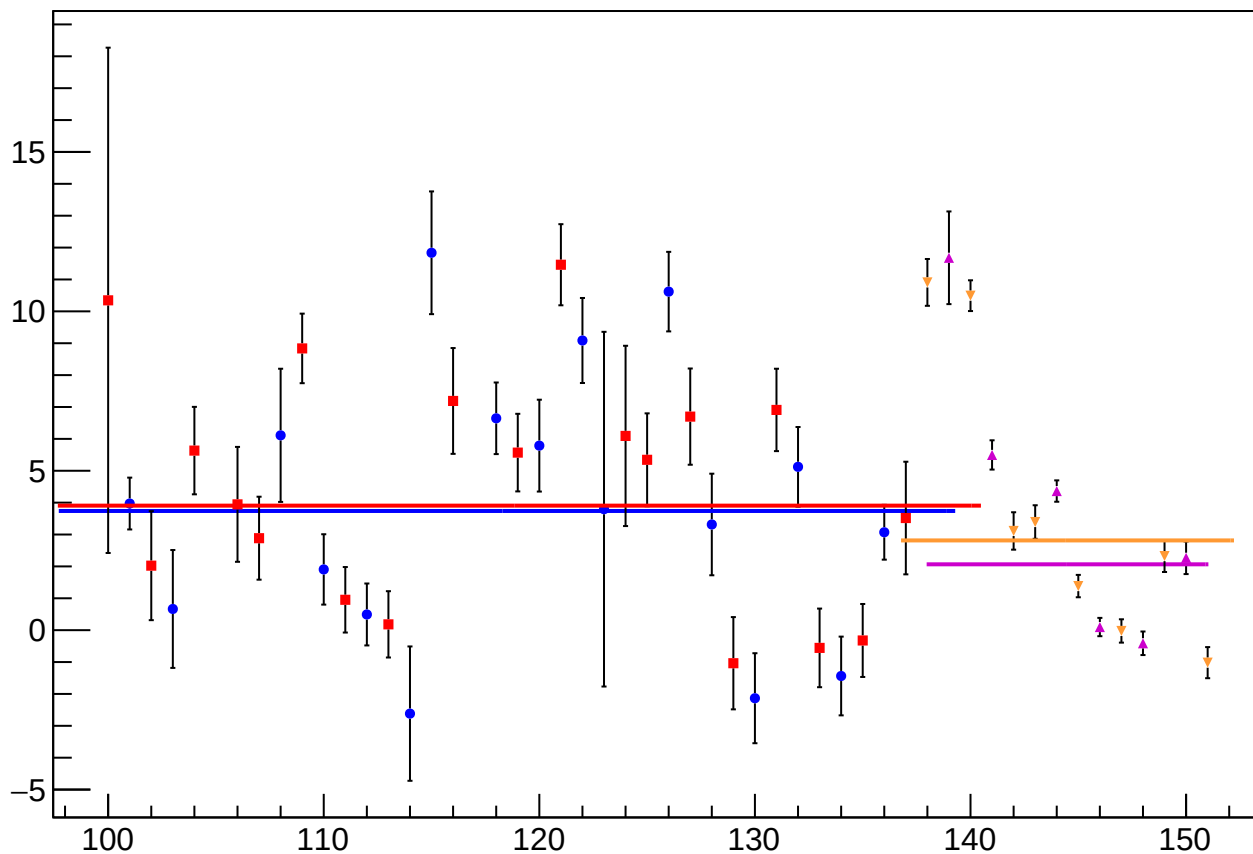
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.379+/-0.247 χ^2/NDF :535.0/5

Out: -8.860+/-0.240 χ^2/NDF :1634.0/7

All: -6.681+/-0.172 χ^2/NDF : 2338.2/13

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 2.815 ± 0.166 χ^2/NDF : 515.6/7

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 2.066 ± 0.163 χ^2/NDF : 238.8/5

Left: 2.435 ± 0.116 χ^2/NDF : 764.8/13

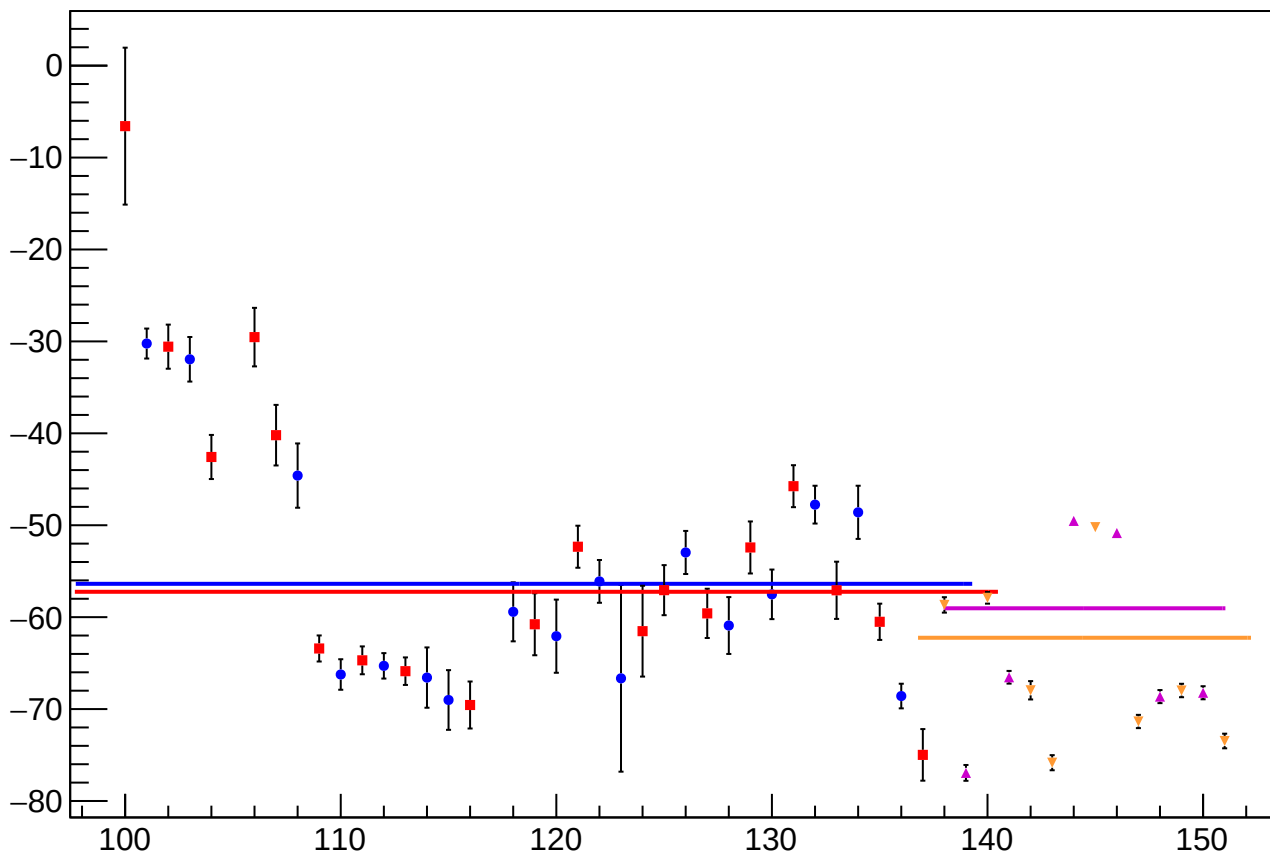
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 2.431 ± 0.144 χ^2/NDF : 398.6/22

Out: 3.050 ± 0.147 χ^2/NDF : 660.5/26

All: 2.736 ± 0.103 χ^2/NDF : 1068.1/49

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -62.241 ± 0.247 χ^2/NDF : 1464.0/7

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -59.035 ± 0.249 χ^2/NDF : 1580.4/5

Left: -60.649 ± 0.175 χ^2/NDF : 3128.1/13

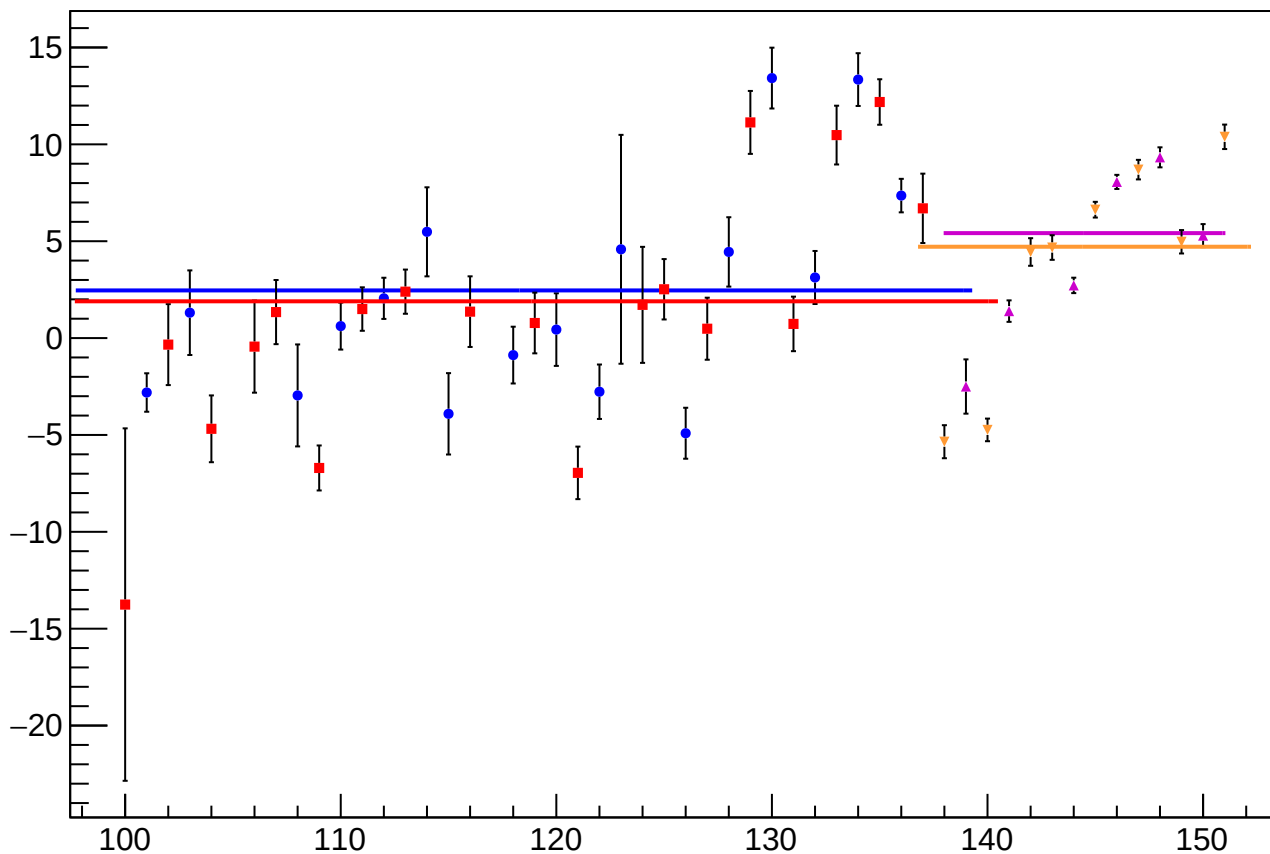
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -58.574 ± 0.226 χ^2/NDF : 2187.9/22

Out: -61.365 ± 0.224 χ^2/NDF : 2012.1/26

All: -59.980 ± 0.159 χ^2/NDF : 4276.8/49

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: 5.418 ± 0.203 χ^2/NDF : 240.6/5

Left: 5.068 ± 0.144 χ^2/NDF : 813.2/13

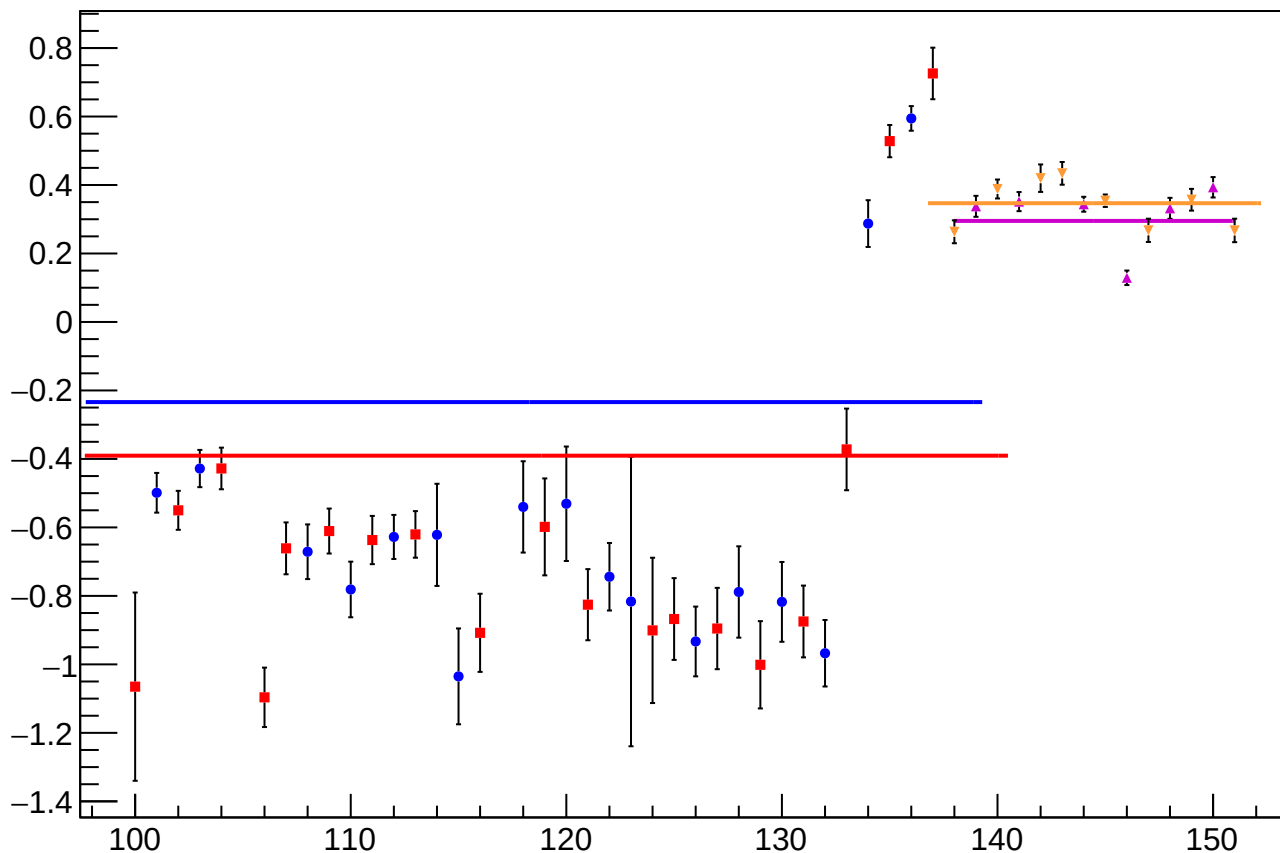
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.659 ± 0.175 χ^2/NDF : 538.8/22

Out: 4.015 ± 0.177 χ^2/NDF : 882.1/26

All: 4.340 ± 0.125 χ^2/NDF : 1427.6/49

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: 0.295 ± 0.011 χ^2/NDF : 84.9/5

Left: 0.322 ± 0.007 χ^2/NDF : 126.9/13

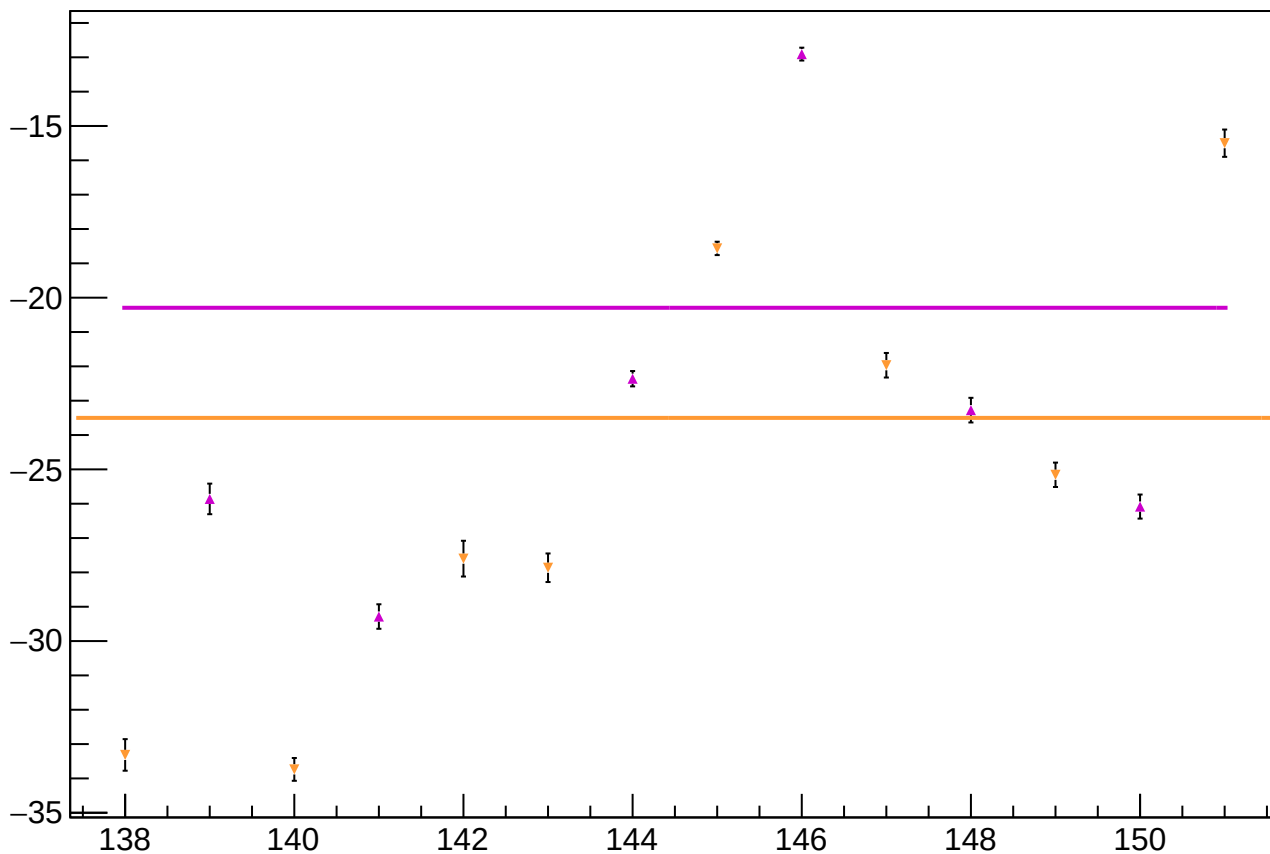
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.168 ± 0.009 χ^2/NDF : 1639.5/22

Out: 0.179 ± 0.009 χ^2/NDF : 2051.2/26

All: 0.174 ± 0.006 χ^2/NDF : 3691.4/49

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



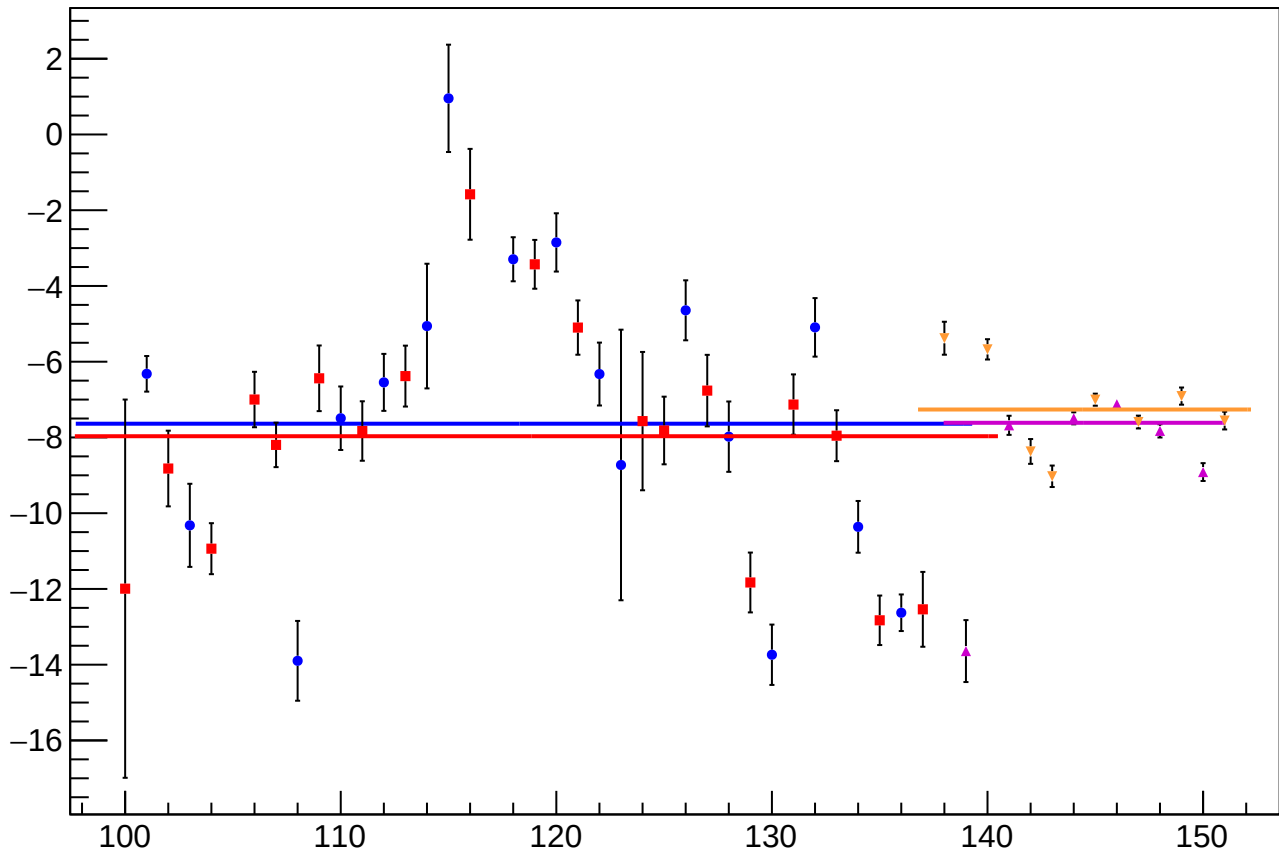
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.501+/-0.118 χ^2/NDF :2664.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.294+/-0.114 χ^2/NDF :2772.1/5

Left: -21.837+/-0.082 χ^2/NDF : 5819.5/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.294+/-0.114 χ^2/NDF :2772.1/5
 Out: -23.501+/-0.118 χ^2/NDF :2664.9/7

All: -21.837+/-0.082 χ^2/NDF : 5819.5/13

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: -7.613 ± 0.074 χ^2/NDF : 104.6/5

Left: -7.452 ± 0.055 χ^2/NDF : 229.1/13

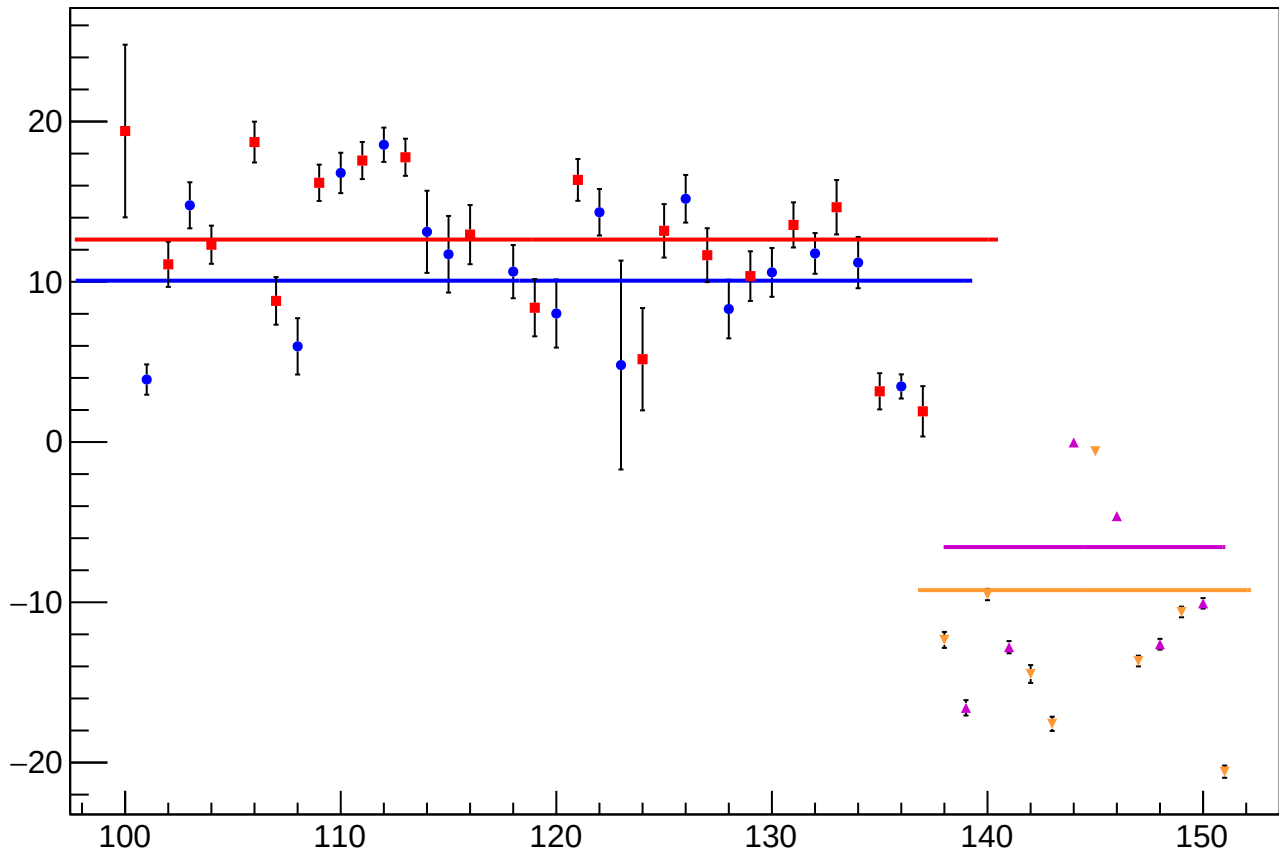
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.616 ± 0.069 χ^2/NDF : 498.6/22

Out: -7.375 ± 0.074 χ^2/NDF : 353.7/26

All: -7.504 ± 0.051 χ^2/NDF : 857.9/49

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -9.241 ± 0.121 χ^2/NDF : 3328.2/7

Right Out: 12.635 ± 0.332 χ^2/NDF : 220.5/18

Left In: -6.554 ± 0.113 χ^2/NDF : 2003.6/5

Left: -7.817 ± 0.083 χ^2/NDF : 5595.3/13

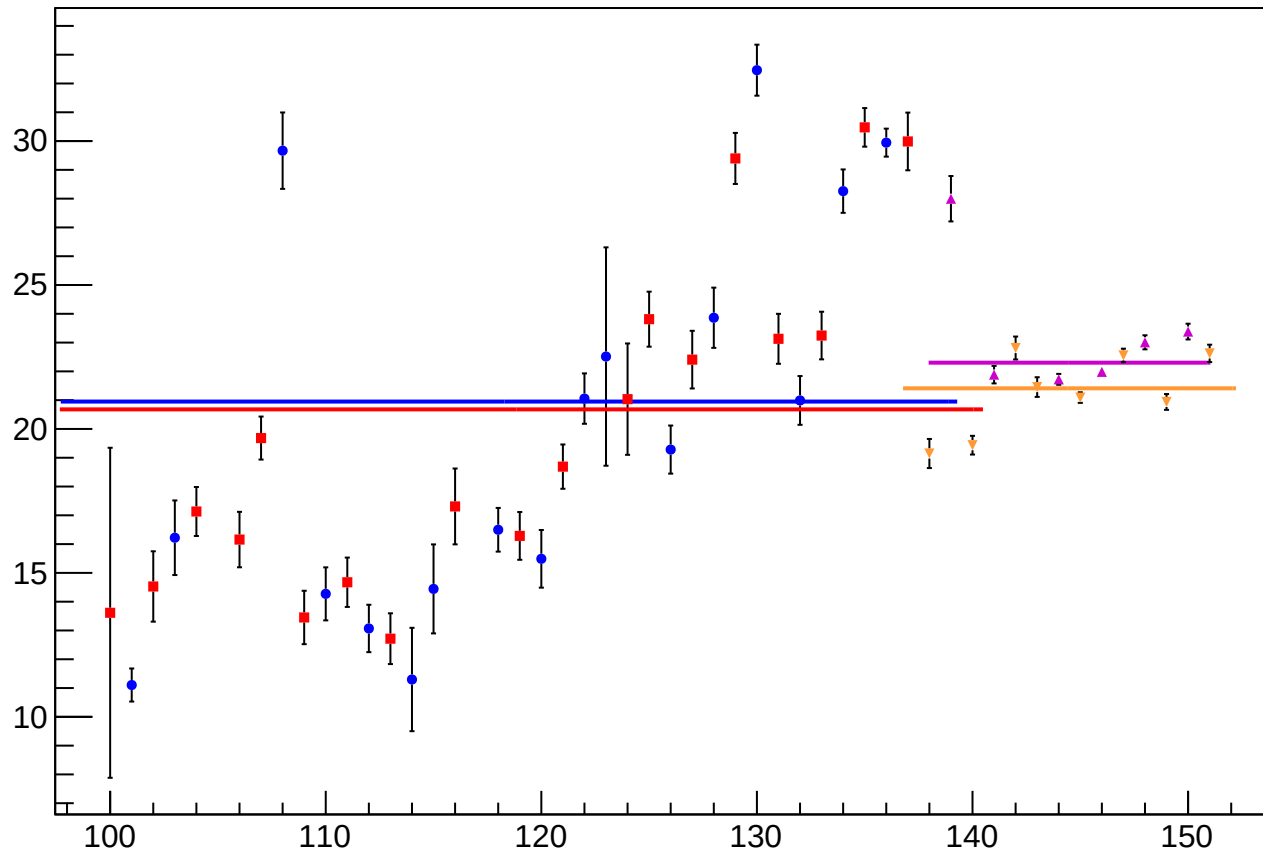
Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35

In: -4.865 ± 0.108 χ^2/NDF : 4437.3/22

Out: -6.700 ± 0.113 χ^2/NDF : 7375.3/26

All: -5.734 ± 0.078 χ^2/NDF : 11950.6/49

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: 22.302 $\pm$ 0.093 χ^2 /NDF:92.1/5

Left: 21.890 $\pm$ 0.068 χ^2 /NDF: 250.5/13

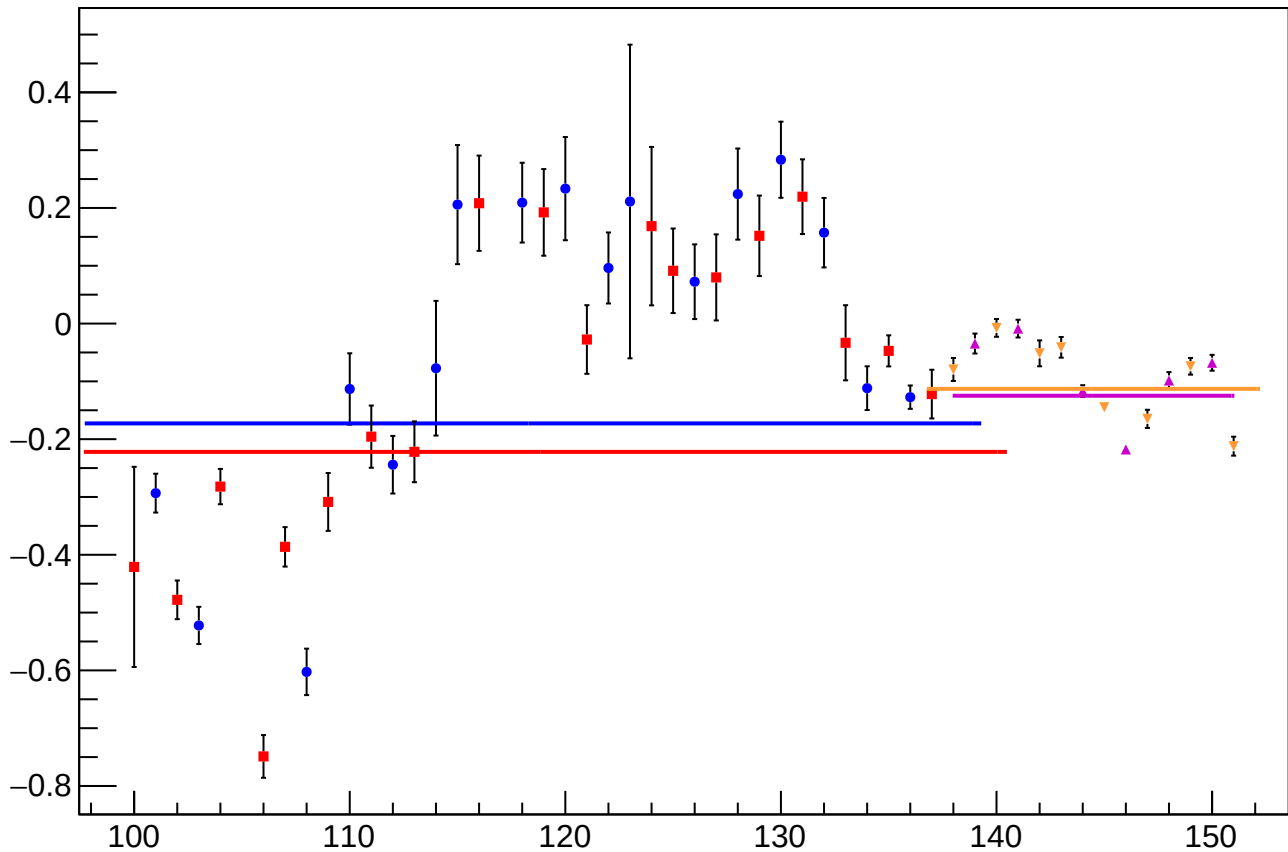
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.083 $\pm$ 0.085 χ^2 /NDF:1349.5/22

Out: 21.279 $\pm$ 0.090 χ^2 /NDF:853.7/26

All: 21.707 $\pm$ 0.062 χ^2 /NDF: 2245.3/49

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: -0.125 ± 0.005 χ^2/NDF : 226.9/5

Left: -0.119 ± 0.004 χ^2/NDF : 373.5/13

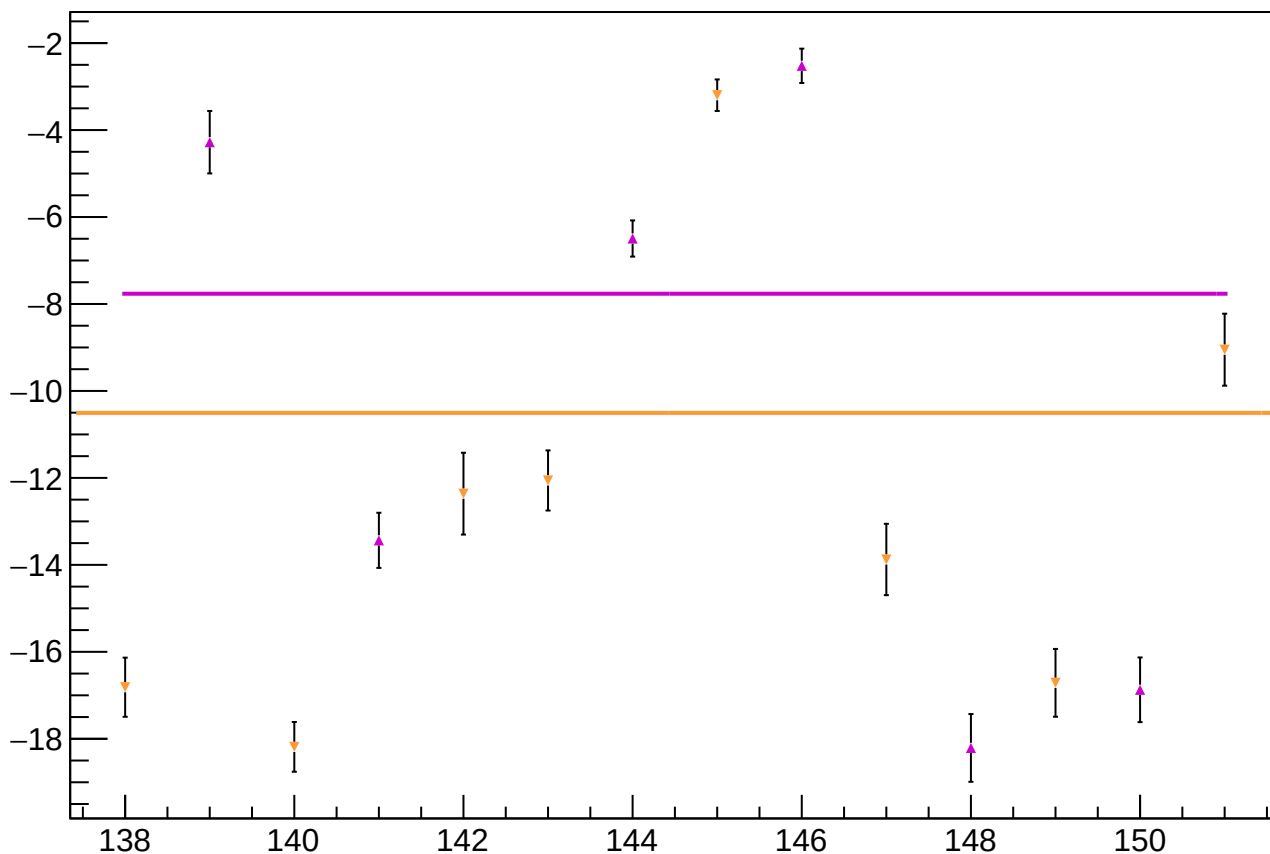
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.133 ± 0.005 χ^2/NDF : 702.6/22

Out: -0.132 ± 0.005 χ^2/NDF : 762.3/26

All: -0.132 ± 0.003 χ^2/NDF : 1464.8/49

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: -7.764+/-0.223 χ^2/NDF : 619.2/5

Left: -9.153+/-0.157 χ^2/NDF : 1460.2/13

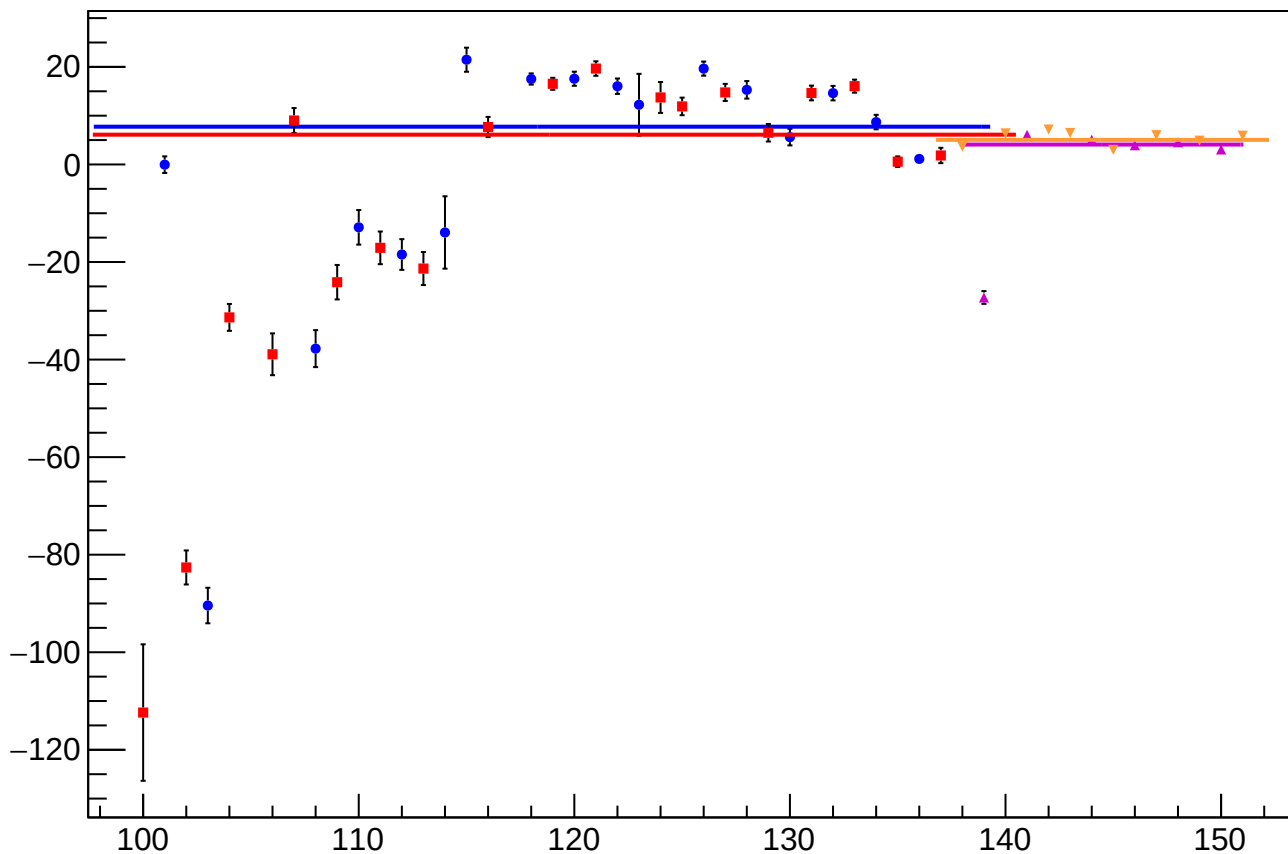
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.764+/-0.223 χ^2/NDF : 619.2/5

Out: -10.505+/-0.220 χ^2/NDF : 764.5/7

All: -9.153+/-0.157 χ^2/NDF : 1460.2/13

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.038 ± 0.156 χ^2/NDF : 94.6/7

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.081 ± 0.151 χ^2/NDF : 612.3/5

Left: 4.546 ± 0.109 χ^2/NDF : 726.3/13

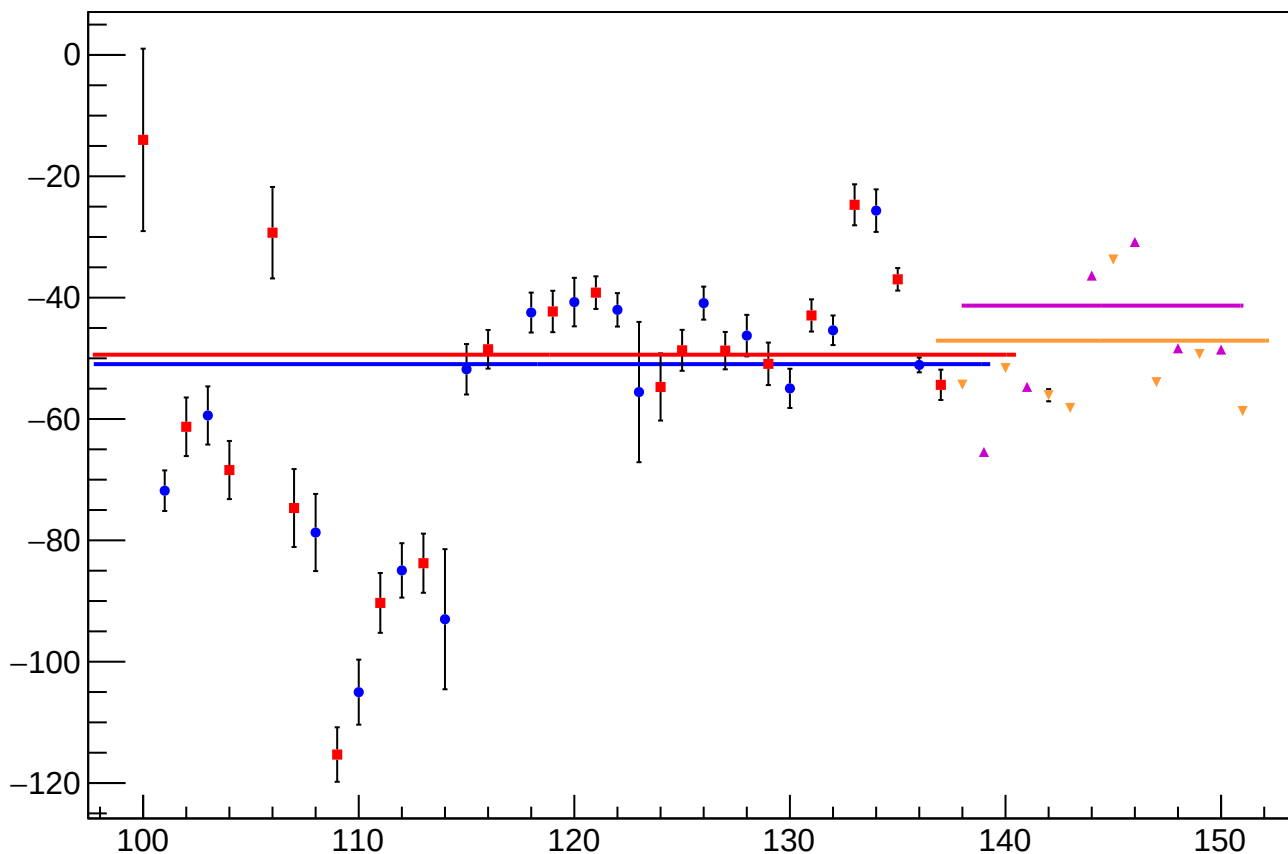
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.534 ± 0.142 χ^2/NDF : 2043.5/22

Out: 5.160 ± 0.147 χ^2/NDF : 1617.7/26

All: 4.837 ± 0.102 χ^2/NDF : 3670.6/49

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: -41.315 ± 0.225 χ^2/NDF : 2447.0/5

Left: -44.160 ± 0.160 χ^2/NDF : 4722.5/13

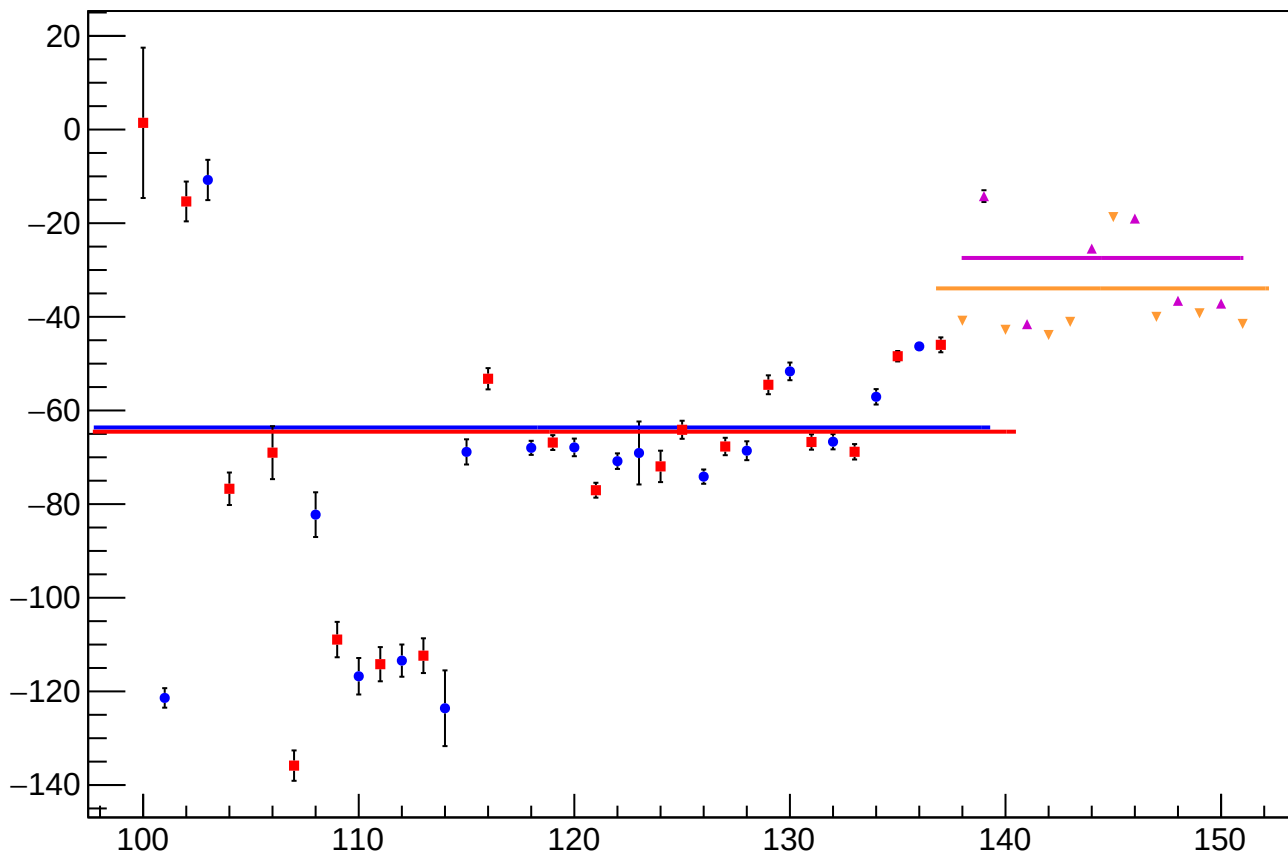
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -42.134 ± 0.215 χ^2/NDF : 2935.0/22

Out: -47.264 ± 0.219 χ^2/NDF : 2470.7/26

All: -44.649 ± 0.154 χ^2/NDF : 5684.3/49

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: -27.425+/-0.187 χ^2/NDF : 2116.0/5

Left: -30.616+/-0.133 χ^2/NDF : 5823.8/13

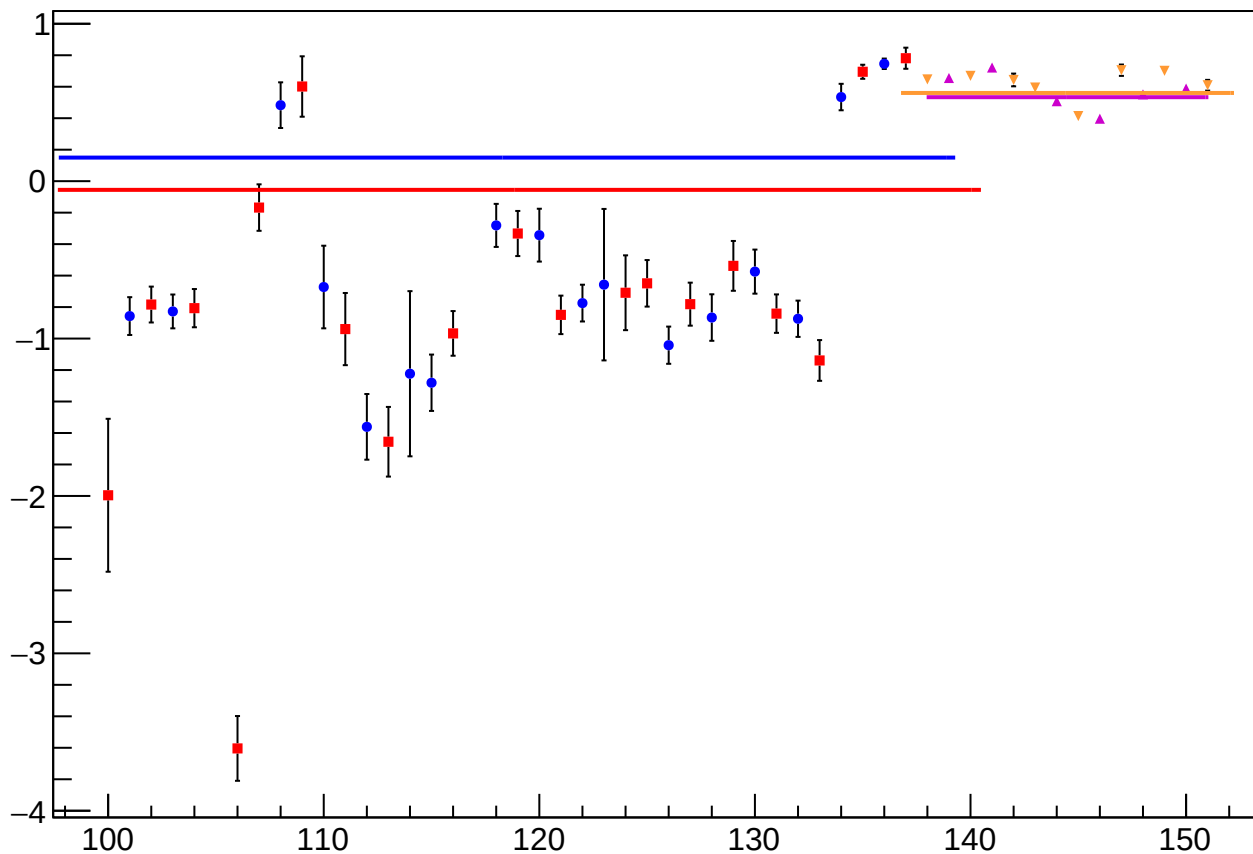
Right: -64.046+/-0.327 χ^2/NDF : 3624.3/35

In: -32.823+/-0.172 χ^2/NDF : 9738.7/22

Out: -38.044+/-0.177 χ^2/NDF : 8213.3/26

All: -35.364+/-0.123 χ^2/NDF : 18399.8/49

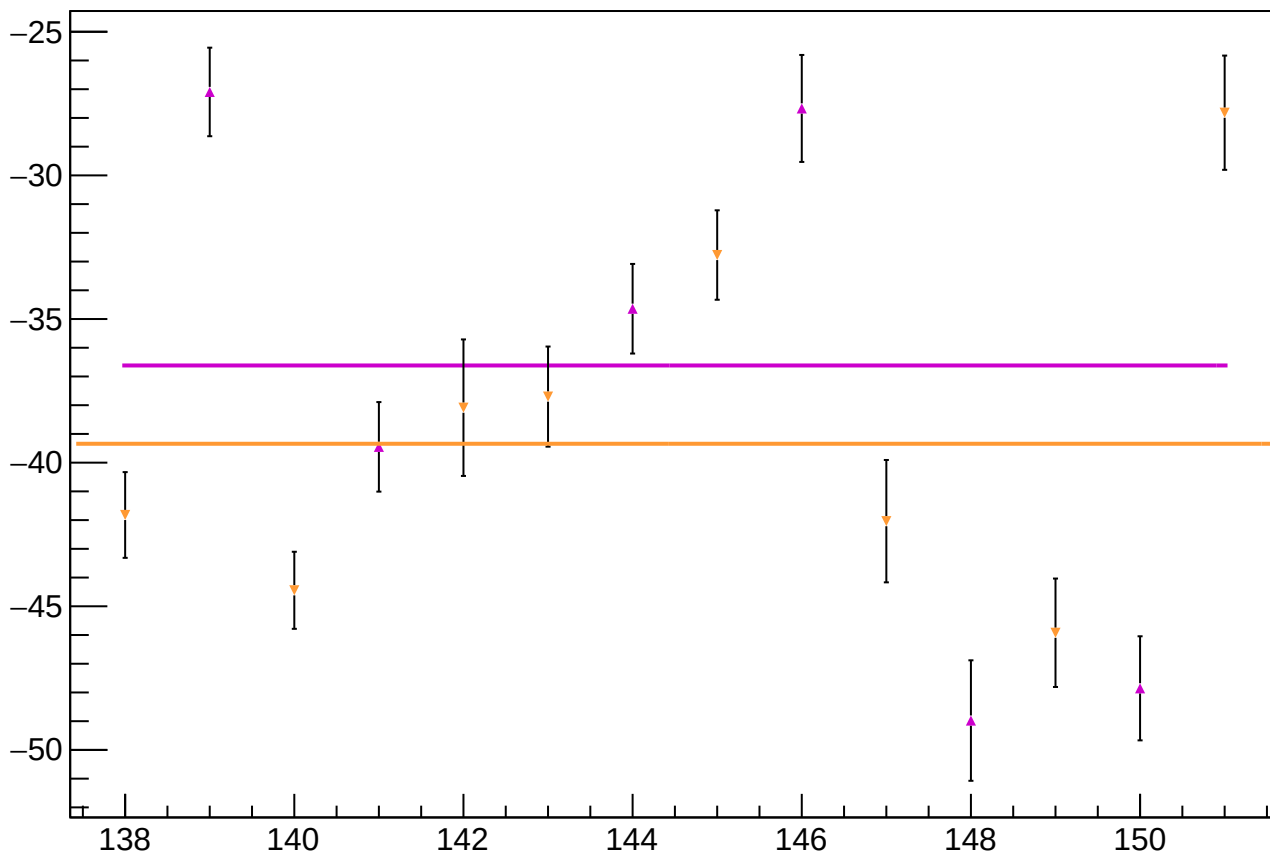
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.560 ± 0.009 $\chi^2/\text{NDF}: 162.0/7$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.534 ± 0.010 $\chi^2/\text{NDF}: 131.5/5$

Left: 0.547 ± 0.007 $\chi^2/\text{NDF}: 297.4/13$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.480 ± 0.009 $\chi^2/\text{NDF}: 1340.8/22$
 Out: 0.490 ± 0.009 $\chi^2/\text{NDF}: 1821.3/26$
 All: 0.485 ± 0.006 $\chi^2/\text{NDF}: 3162.8/49$

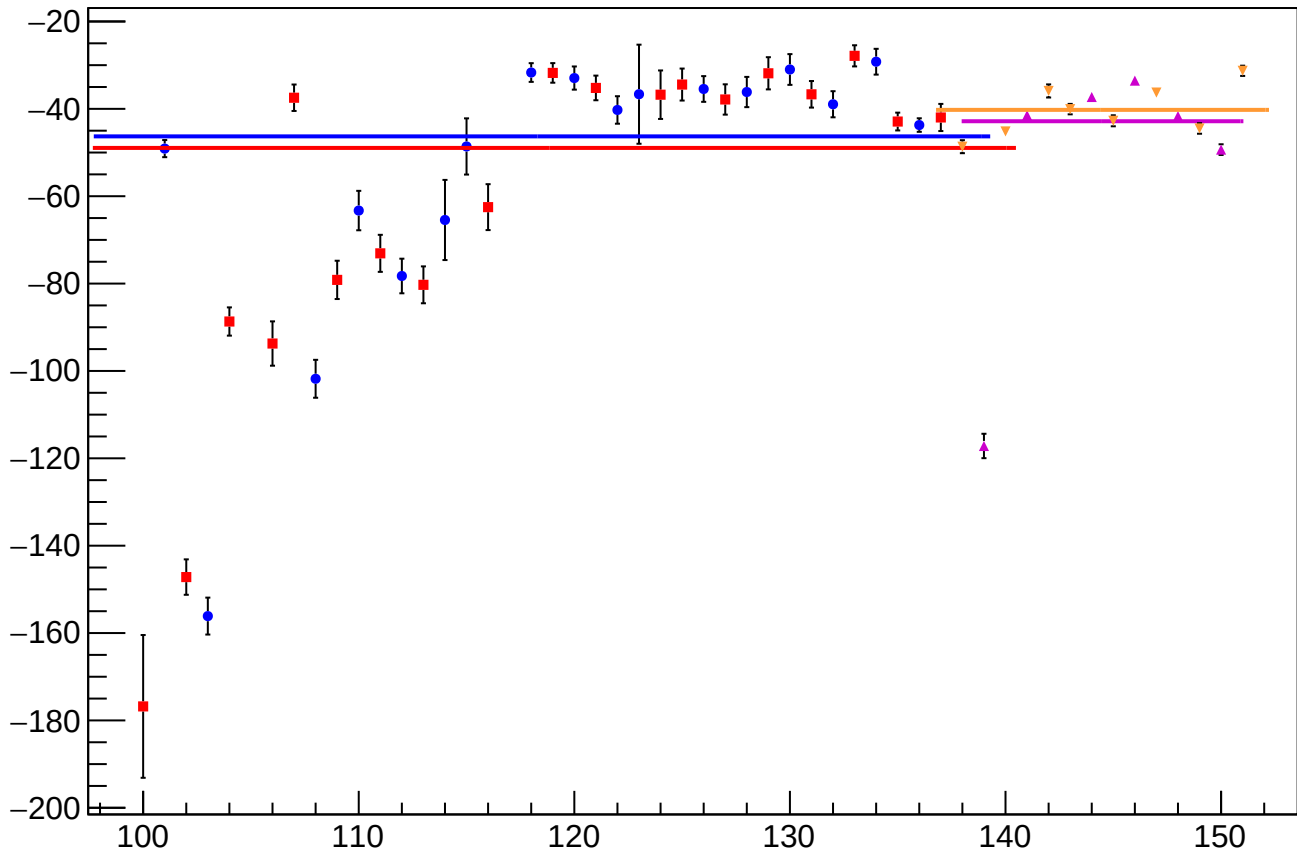
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -36.617+/-0.696 χ^2/NDF :139.4/5

Left: -38.156+/-0.459 χ^2/NDF : 231.6/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.617+/-0.696 χ^2/NDF :139.4/5
 Out: -39.342+/-0.611 χ^2/NDF :83.5/7
 All: -38.156+/-0.459 χ^2/NDF : 231.6/13

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: -42.837 +/- 0.492 χ^2/NDF : 831.5/5

Left: -41.359 +/- 0.323 χ^2/NDF : 997.7/13

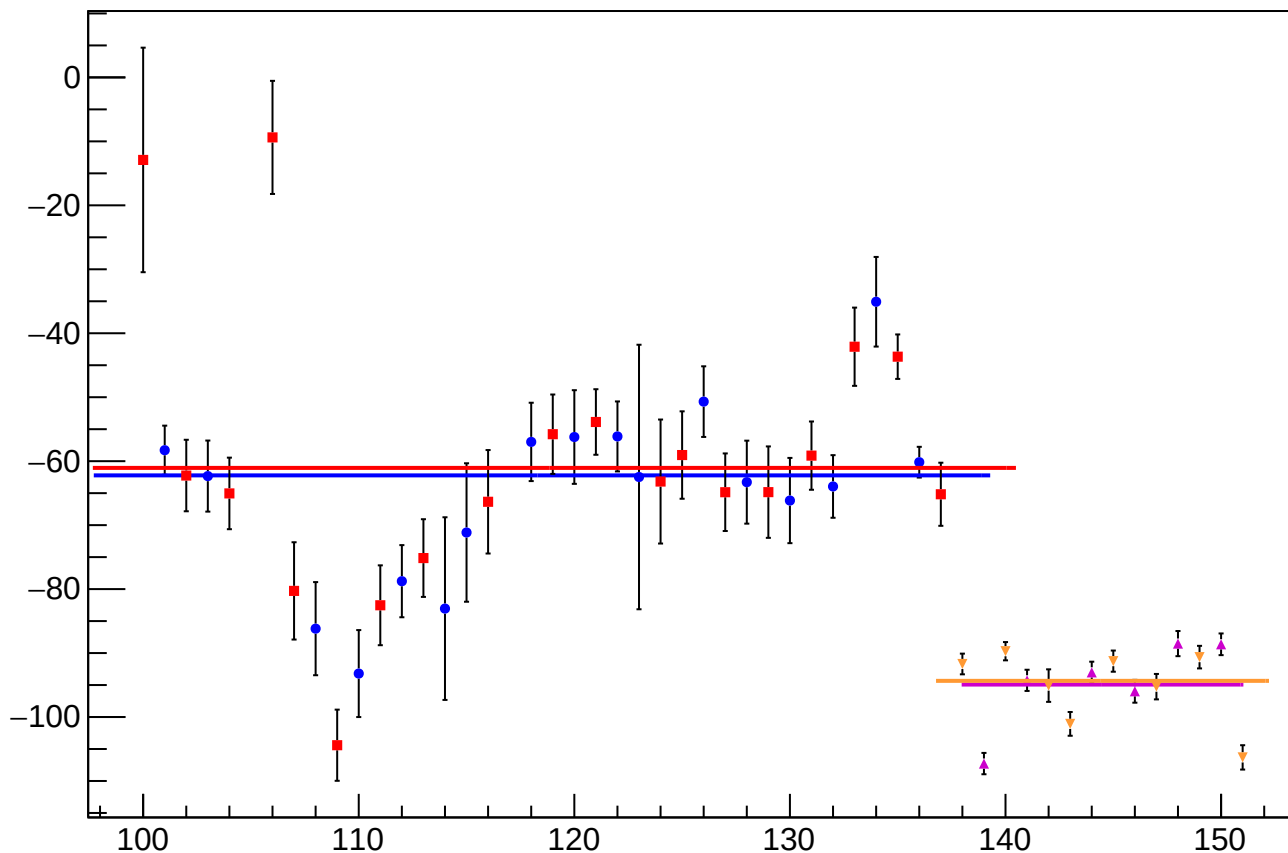
Right: -47.554 +/- 0.525 χ^2/NDF : 2363.9/35

In: -43.932 +/- 0.407 χ^2/NDF : 1931.2/22

Out: -42.329 +/- 0.374 χ^2/NDF : 1523.0/26

All: -43.063 +/- 0.275 χ^2/NDF : 3462.6/49

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -94.345 ± 0.629 $\chi^2/\text{NDF}: 74.0/7$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -94.925 ± 0.706 $\chi^2/\text{NDF}: 81.1/5$

Left: -94.601 ± 0.470 $\chi^2/\text{NDF}: 155.5/13$

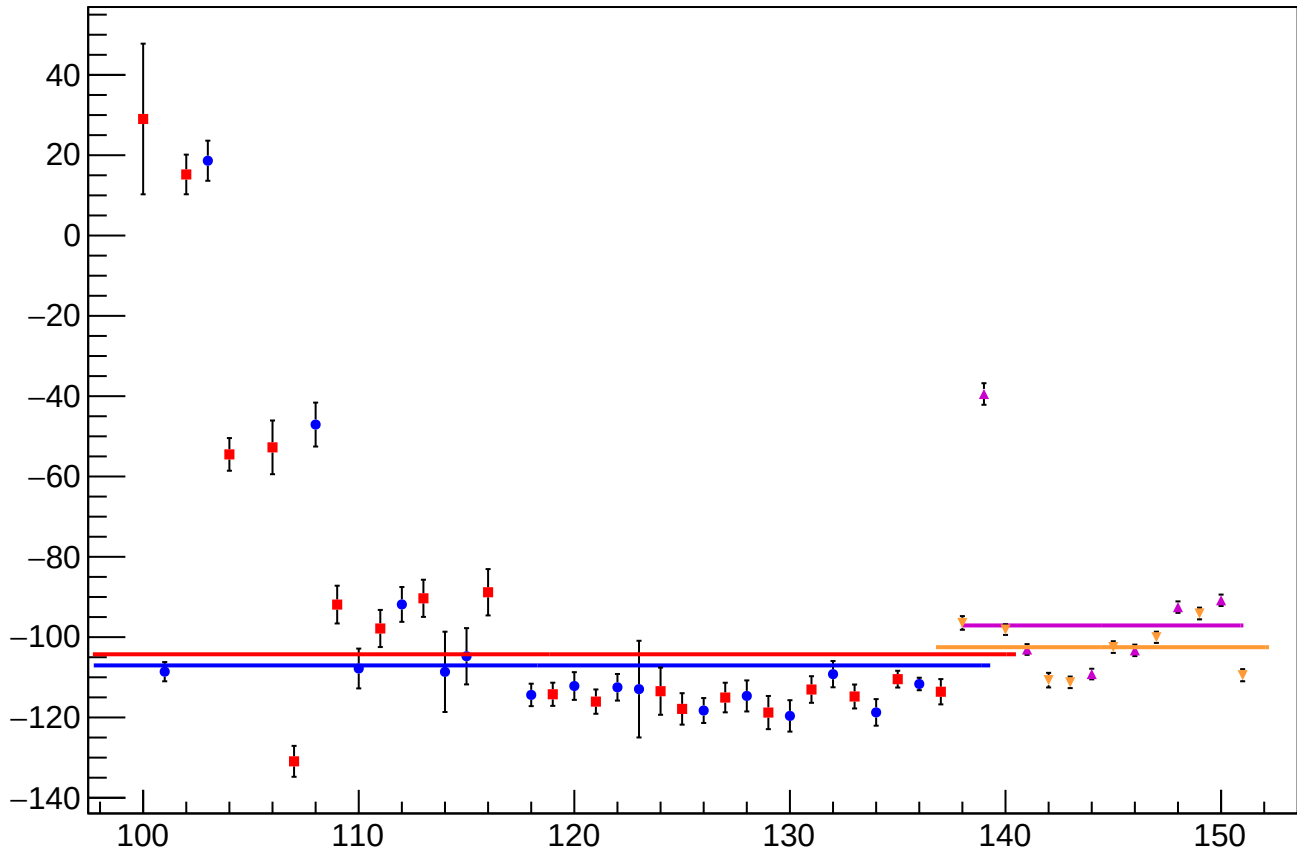
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -87.571 ± 0.622 $\chi^2/\text{NDF}: 630.3/22$

Out: -88.615 ± 0.572 $\chi^2/\text{NDF}: 722.8/26$

All: -88.137 ± 0.421 $\chi^2/\text{NDF}: 1354.7/49$

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: -97.087 ± 0.604 χ^2/NDF : 611.8/5

Left: -100.156 ± 0.397 χ^2/NDF : 795.6/13

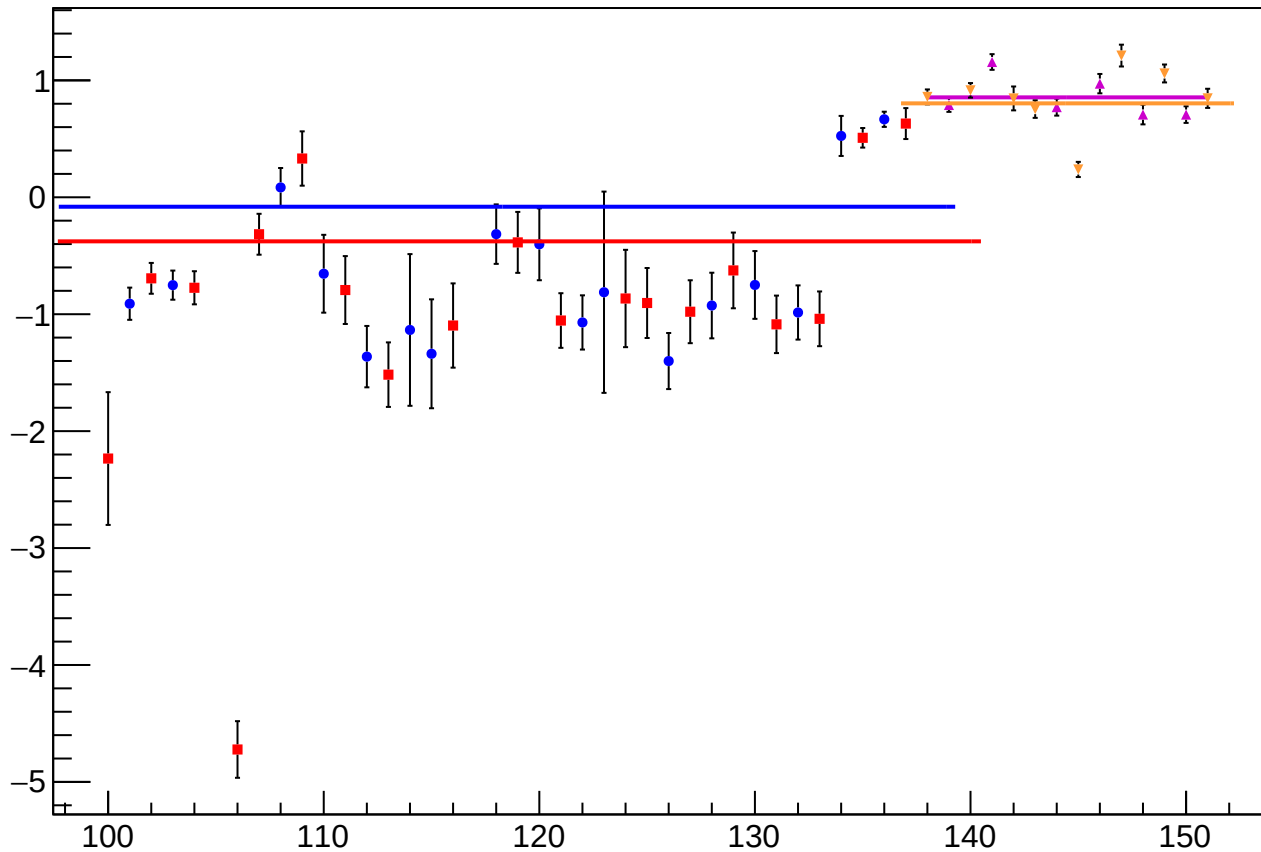
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -100.628 ± 0.484 χ^2/NDF : 1536.4/22

Out: -102.985 ± 0.450 χ^2/NDF : 1159.3/26

All: -101.894 ± 0.330 χ^2/NDF : 2708.4/49

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: 0.855 ± 0.029 χ^2/NDF : 32.3/5

Left: 0.826 ± 0.019 χ^2/NDF : 145.2/13

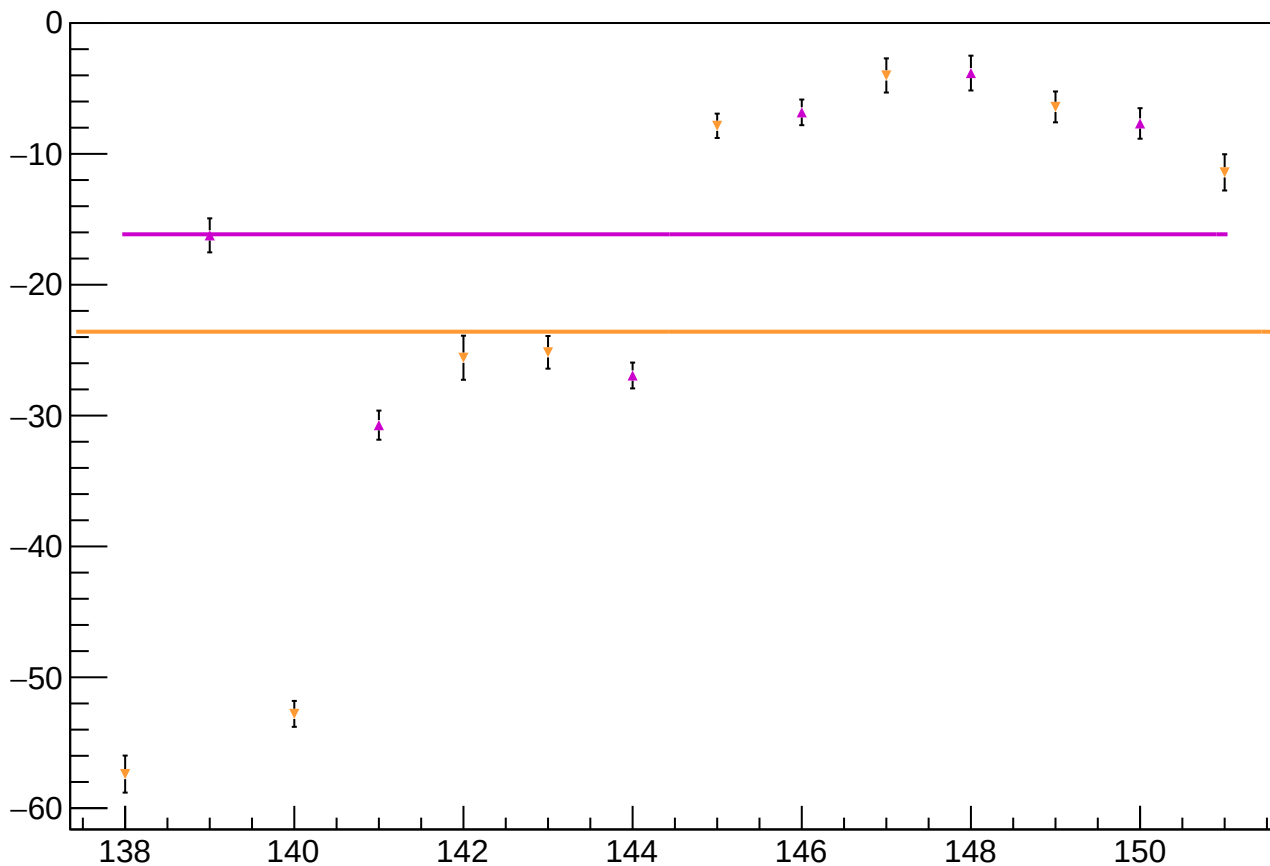
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.554 ± 0.024 χ^2/NDF : 694.7/22

Out: 0.492 ± 0.023 χ^2/NDF : 1227.3/26

All: 0.521 ± 0.016 χ^2/NDF : 1925.6/49

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: -16.147+/-0.458 χ^2/NDF :520.3/5

Left: -20.134+/-0.312 χ^2/NDF : 2906.7/13

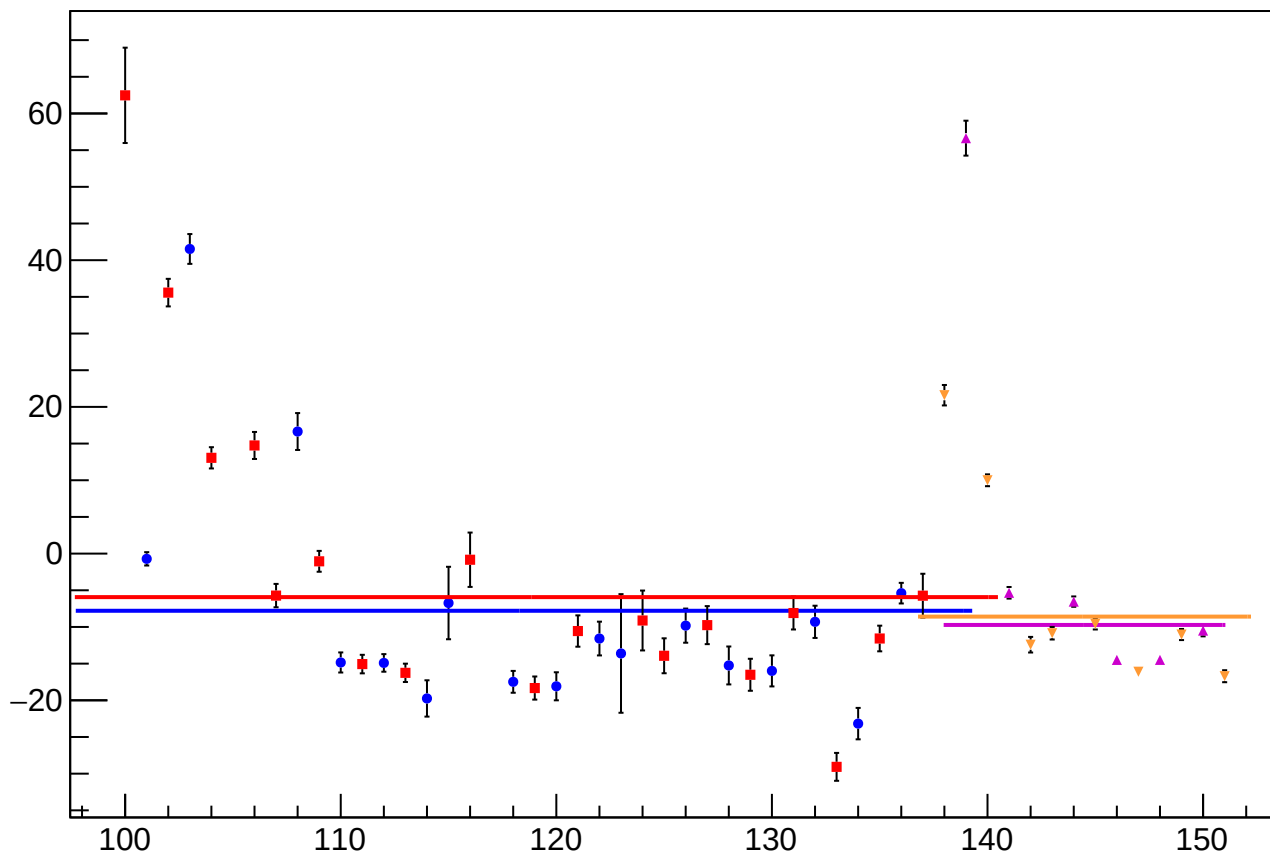
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.147+/-0.458 χ^2/NDF :520.3/5

Out: -23.589+/-0.426 χ^2/NDF :2245.0/7

All: -20.134+/-0.312 χ^2/NDF : 2906.7/13

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.589 ± 0.291 χ^2/NDF : 1274.0/7

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.727 ± 0.310 χ^2/NDF : 942.7/5

Left: -9.121 ± 0.212 χ^2/NDF : 2224.0/13

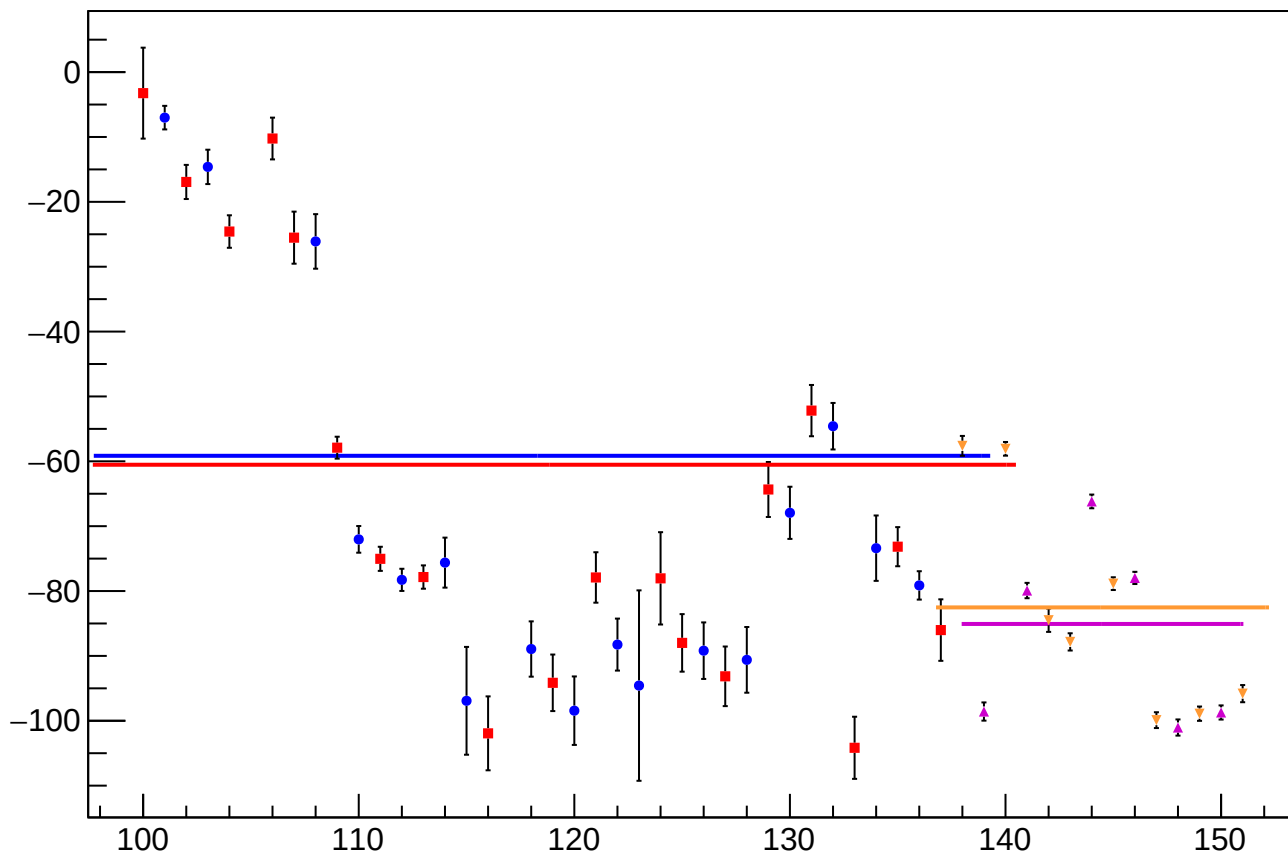
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -9.062 ± 0.251 χ^2/NDF : 1938.8/22

Out: -7.752 ± 0.241 χ^2/NDF : 2594.6/26

All: -8.379 ± 0.174 χ^2/NDF : 4547.6/49

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: -85.074 ± 0.460 χ^2/NDF : 807.6/5

Left: -83.726 ± 0.316 χ^2/NDF : 2180.7/13

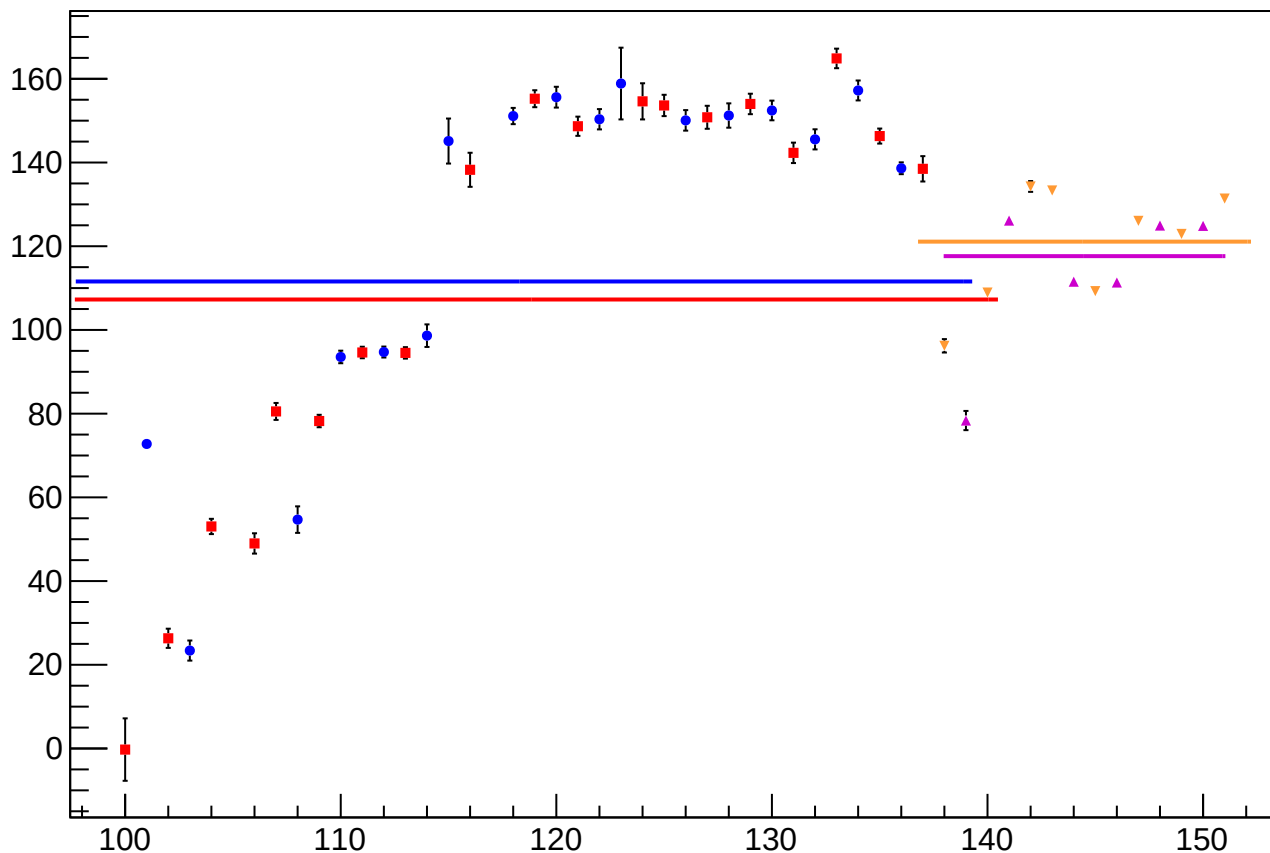
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -77.924 ± 0.391 χ^2/NDF : 3402.3/22

Out: -76.458 ± 0.370 χ^2/NDF : 3448.6/26

All: -77.149 ± 0.269 χ^2/NDF : 6858.3/49

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: 117.632 $\pm$ 0.383 χ^2 /NDF:620.6/5

Left: 119.475 $\pm$ 0.262 χ^2 /NDF: 1622.7/13

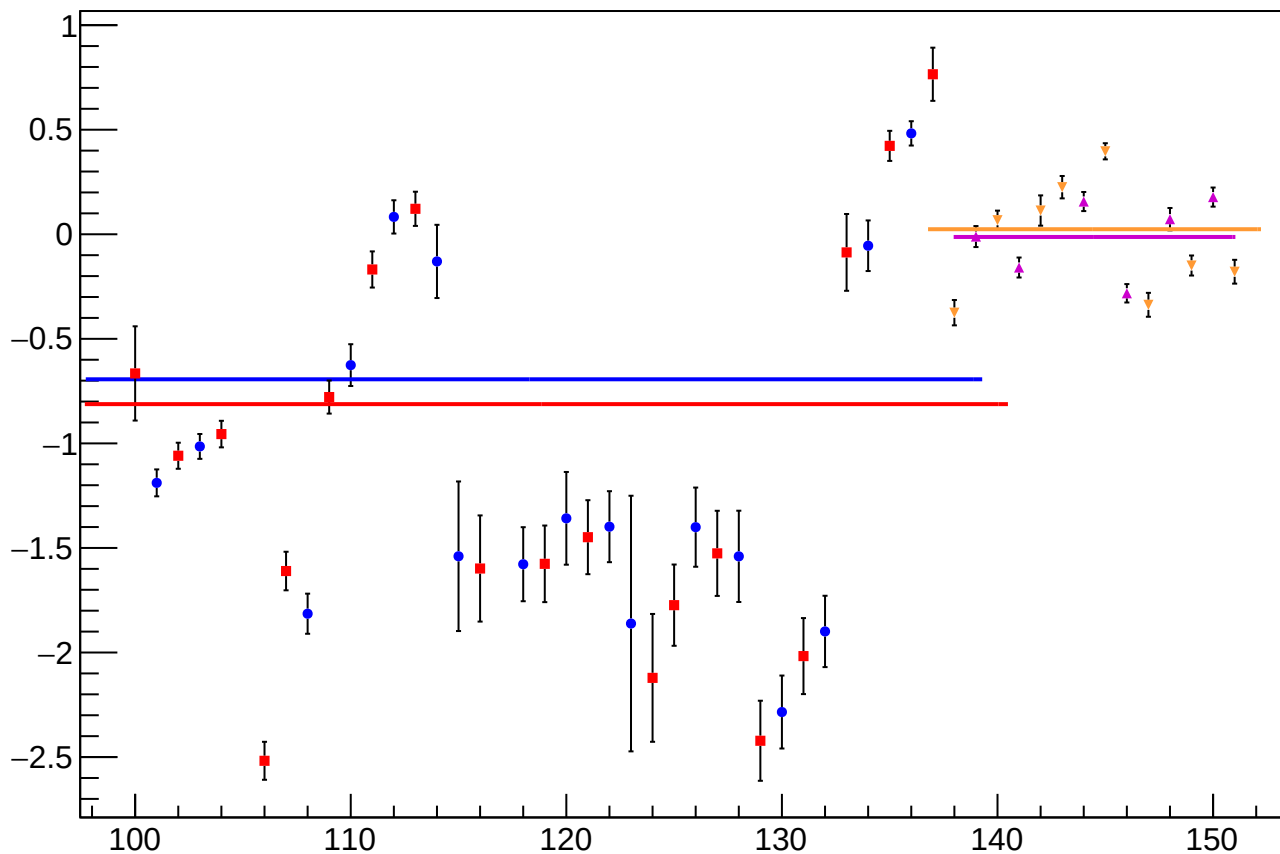
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.326 $\pm$ 0.301 χ^2 /NDF:6661.9/22

Out: 116.238 $\pm$ 0.289 χ^2 /NDF:8524.8/26

All: 115.800 $\pm$ 0.208 χ^2 /NDF: 15191.5/49

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: -0.013 ± 0.019 χ^2/NDF : 80.5/5

Left: 0.007 ± 0.013 χ^2/NDF : 301.3/13

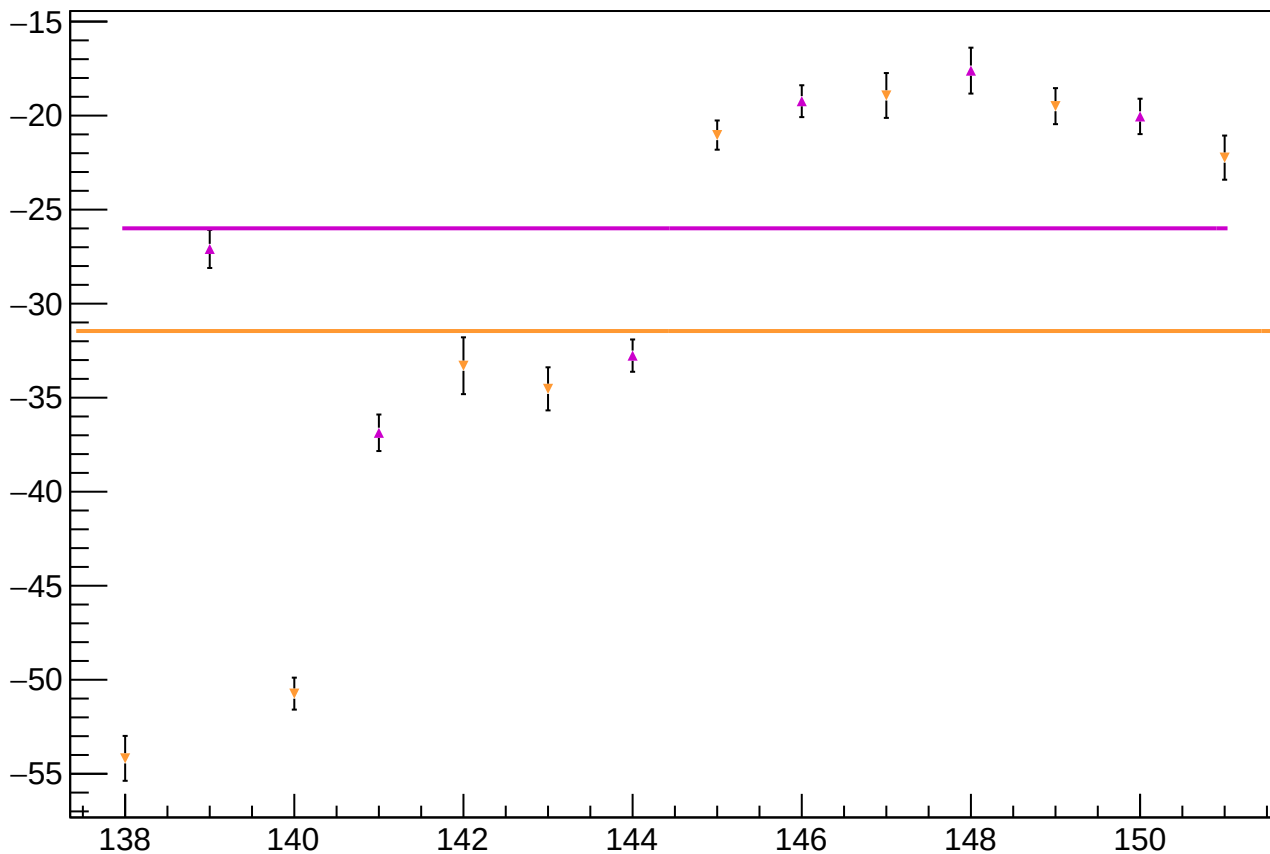
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.258 ± 0.016 χ^2/NDF : 1515.9/22

Out: -0.276 ± 0.015 χ^2/NDF : 2284.7/26

All: -0.268 ± 0.011 χ^2/NDF : 3801.3/49

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



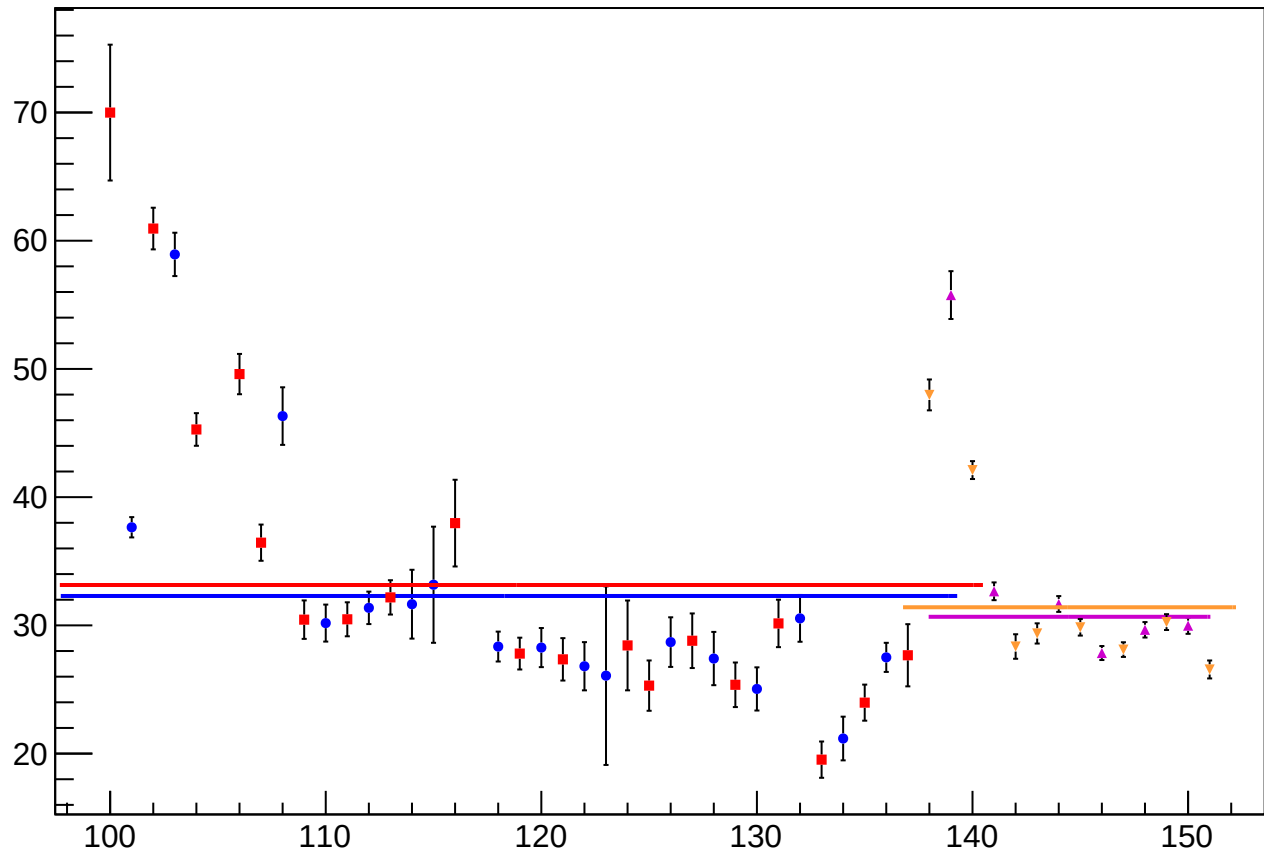
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.456+/-0.366 χ^2/NDF :1393.6/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.994+/-0.390 χ^2/NDF :339.6/5

Left: -28.896+/-0.267 χ^2/NDF : 1837.5/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.994+/-0.390 χ^2/NDF :339.6/5
 Out: -31.456+/-0.366 χ^2/NDF :1393.6/7

All: -28.896+/-0.267 χ^2/NDF : 1837.5/13

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: 30.670 ± 0.271 $\chi^2/\text{NDF}: 222.6/5$

Left: 31.066 ± 0.185 $\chi^2/\text{NDF}: 758.7/13$

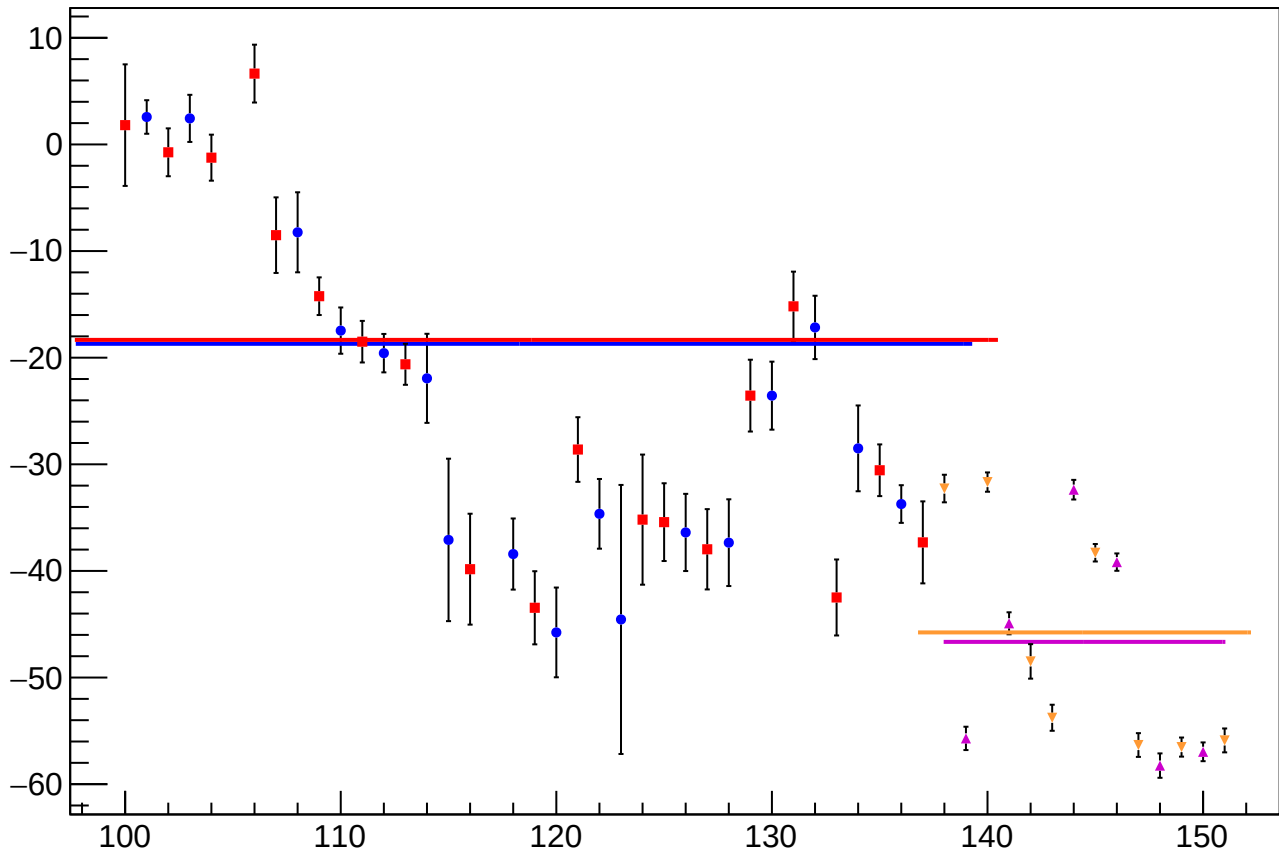
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.231 ± 0.219 $\chi^2/\text{NDF}: 687.5/22$

Out: 31.949 ± 0.211 $\chi^2/\text{NDF}: 1319.2/26$

All: 31.605 ± 0.152 $\chi^2/\text{NDF}: 2012.4/49$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -45.768 ± 0.373 χ^2/NDF : 795.8/7

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -46.655 ± 0.392 χ^2/NDF : 636.1/5

Left: -46.189 ± 0.270 χ^2/NDF : 1434.6/13

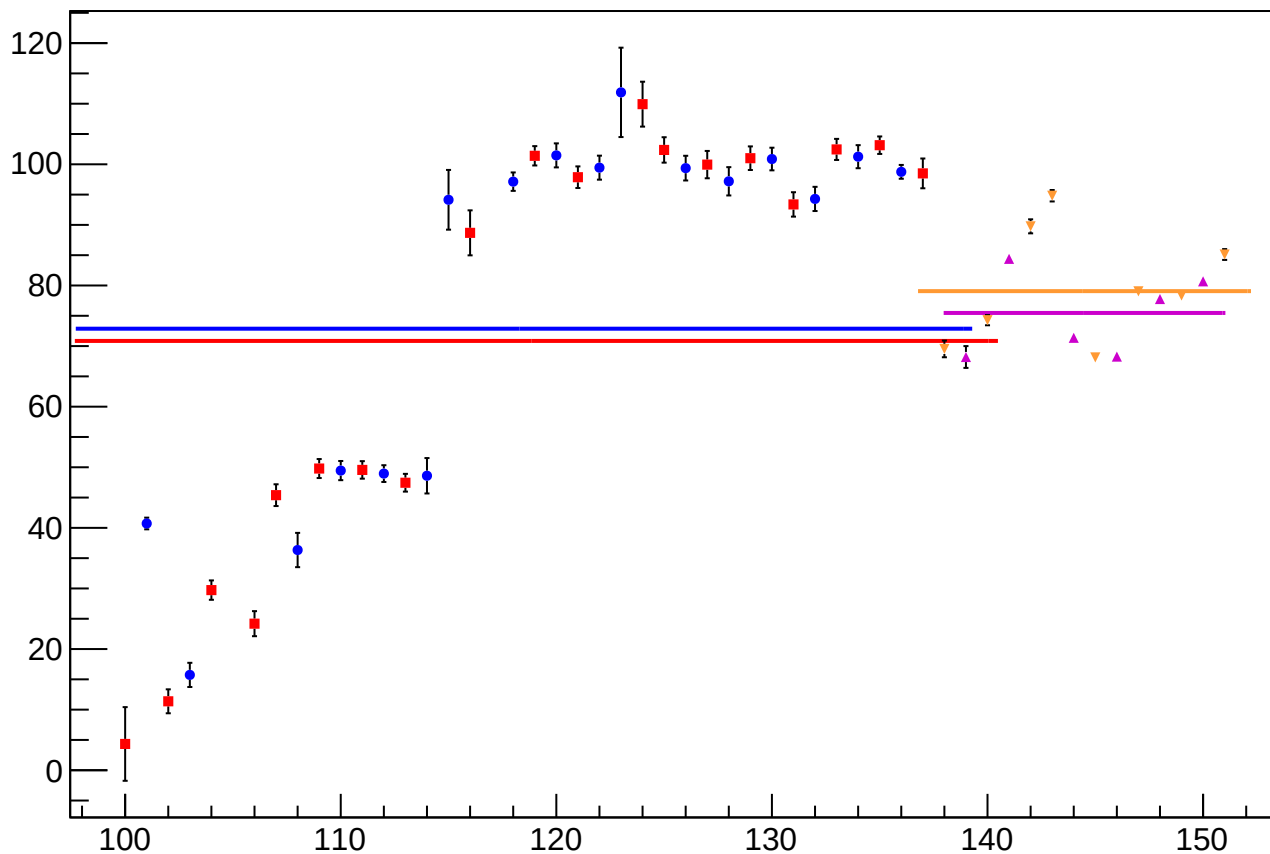
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -39.478 ± 0.338 χ^2/NDF : 2462.7/22

Out: -38.879 ± 0.322 χ^2/NDF : 2631.6/26

All: -39.164 ± 0.233 χ^2/NDF : 5096.0/49

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: 75.468 $\pm$ 0.331 χ^2/NDF : 334.3/5

Left: 77.381 $\pm$ 0.227 χ^2/NDF : 1105.5/13

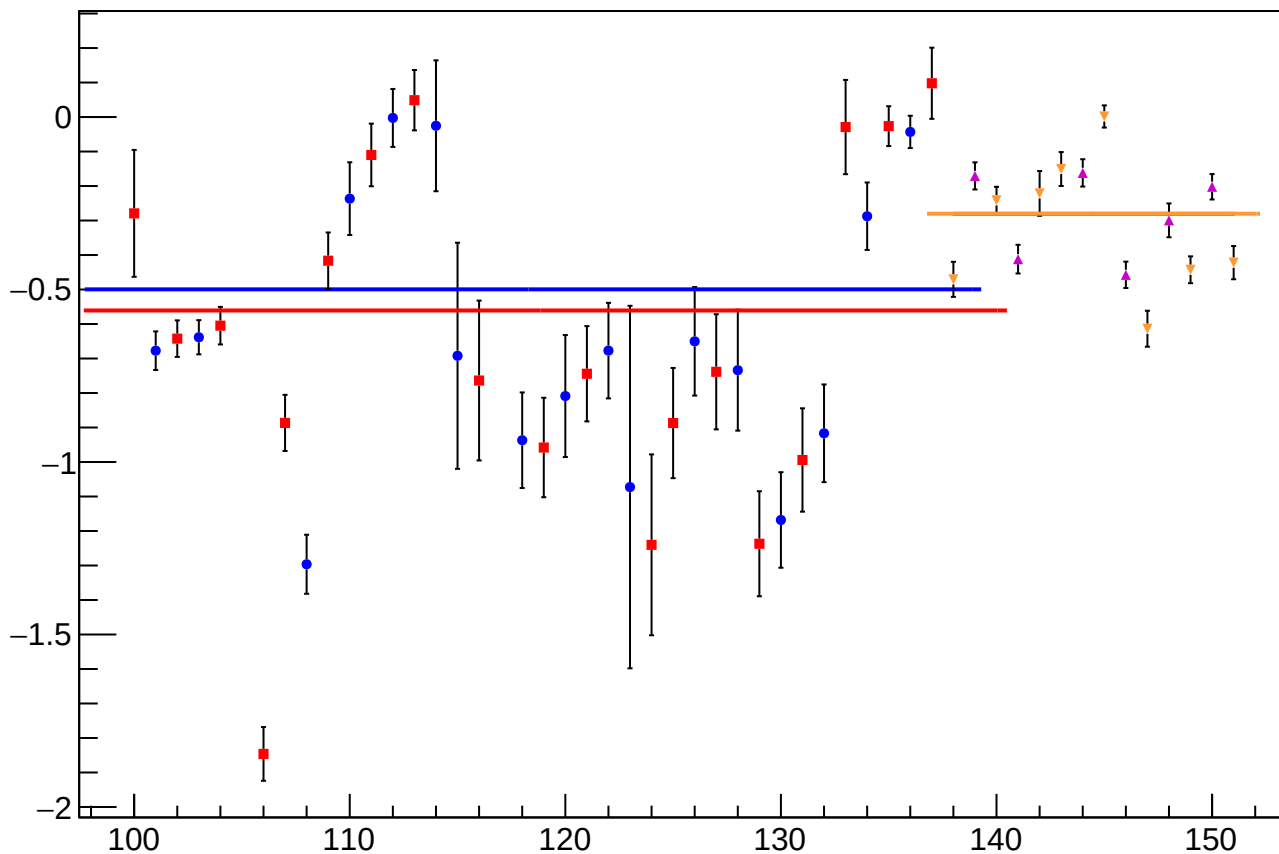
Right: 71.876 $\pm$ 0.304 χ^2/NDF : 10233.6/35

In: 74.490 $\pm$ 0.262 χ^2/NDF : 5084.6/22

Out: 76.269 $\pm$ 0.253 χ^2/NDF : 6441.4/26

All: 75.411 $\pm$ 0.182 χ^2/NDF : 11549.9/49

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: -0.281 ± 0.016 χ^2/NDF : 52.9/5

Left: -0.280 ± 0.011 χ^2/NDF : 219.4/13

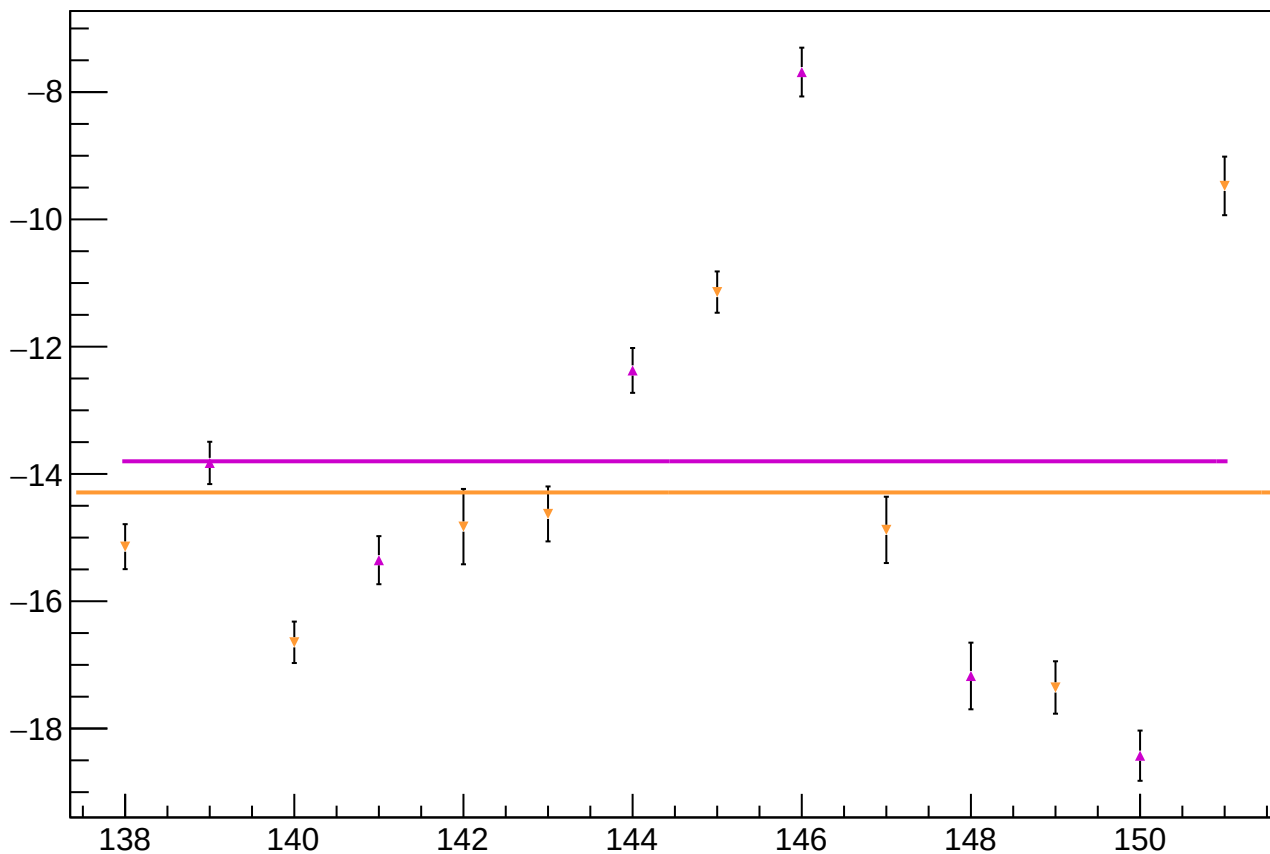
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.358 ± 0.013 χ^2/NDF : 417.8/22

Out: -0.377 ± 0.013 χ^2/NDF : 840.6/26

All: -0.368 ± 0.009 χ^2/NDF : 1259.6/49

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: -13.801+/-0.156 χ^2/NDF :466.9/5

Left: -14.069+/-0.105 χ^2/NDF : 792.1/13

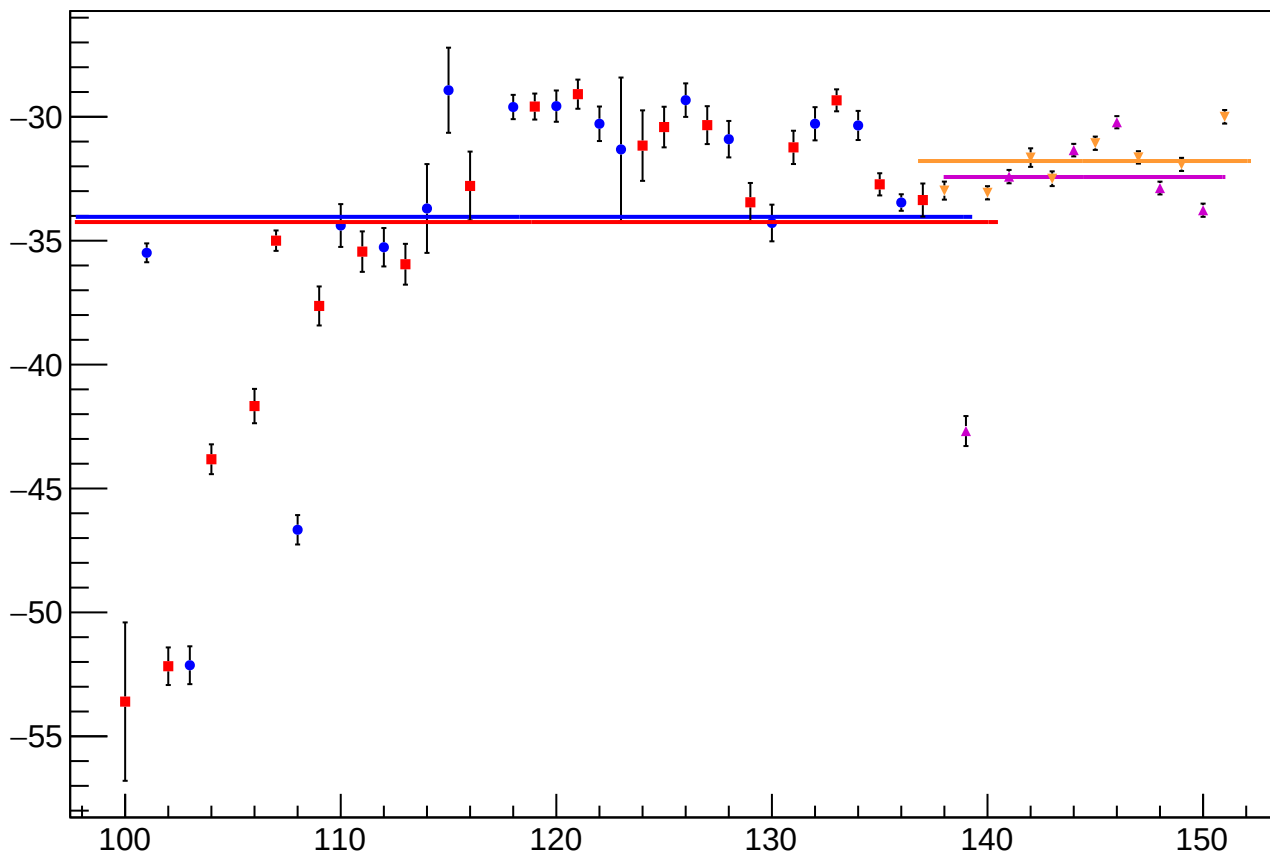
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.801+/-0.156 χ^2/NDF :466.9/5

Out: -14.291+/-0.142 χ^2/NDF :319.9/7

All: -14.069+/-0.105 χ^2/NDF : 792.1/13

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: -32.429 ± 0.114 χ^2/NDF : 413.6/5

Left: -32.071 ± 0.076 χ^2/NDF : 521.2/13

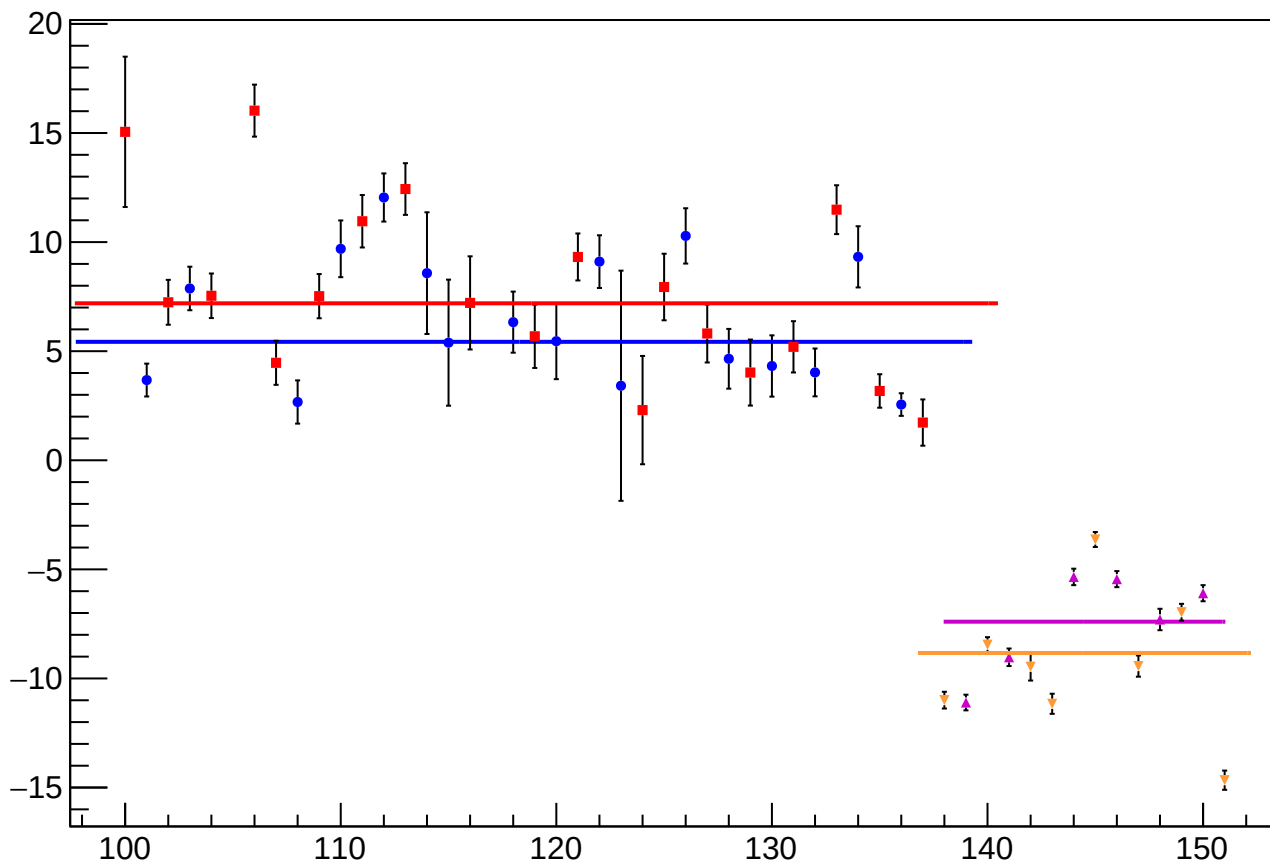
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -33.011 ± 0.091 χ^2/NDF : 1829.1/22

Out: -32.553 ± 0.084 χ^2/NDF : 1631.1/26

All: -32.765 ± 0.062 χ^2/NDF : 3473.9/49

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.832 ± 0.146 χ^2/NDF : 490.0/7

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -7.399 ± 0.158 χ^2/NDF : 193.0/5

Left: -8.174 ± 0.107 χ^2/NDF : 727.3/13

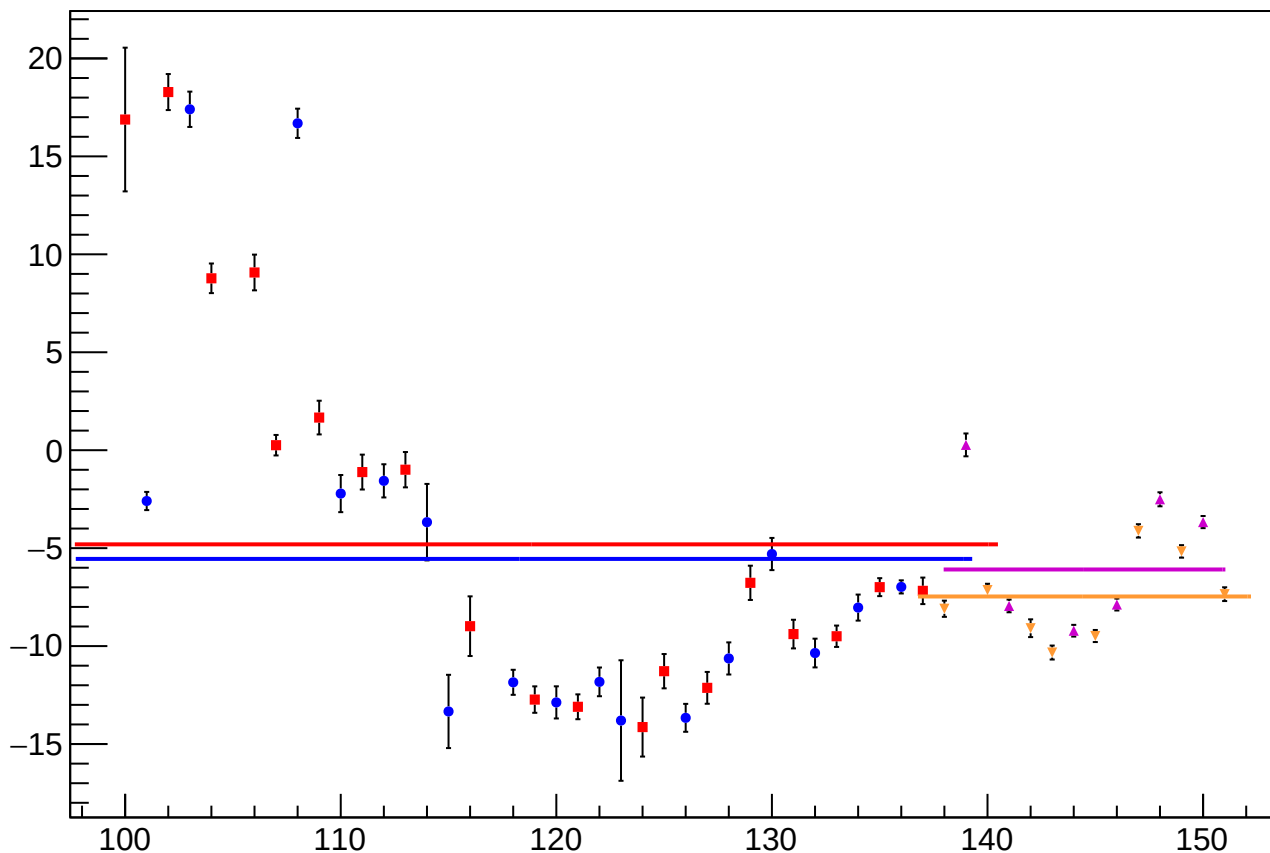
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -4.110 ± 0.137 χ^2/NDF : 2005.6/22

Out: -5.292 ± 0.129 χ^2/NDF : 3337.3/26

All: -4.736 ± 0.094 χ^2/NDF : 5382.5/49

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: -6.089 ± 0.138 χ^2/NDF : 456.8/5

Left: -6.852 ± 0.092 χ^2/NDF : 783.1/13

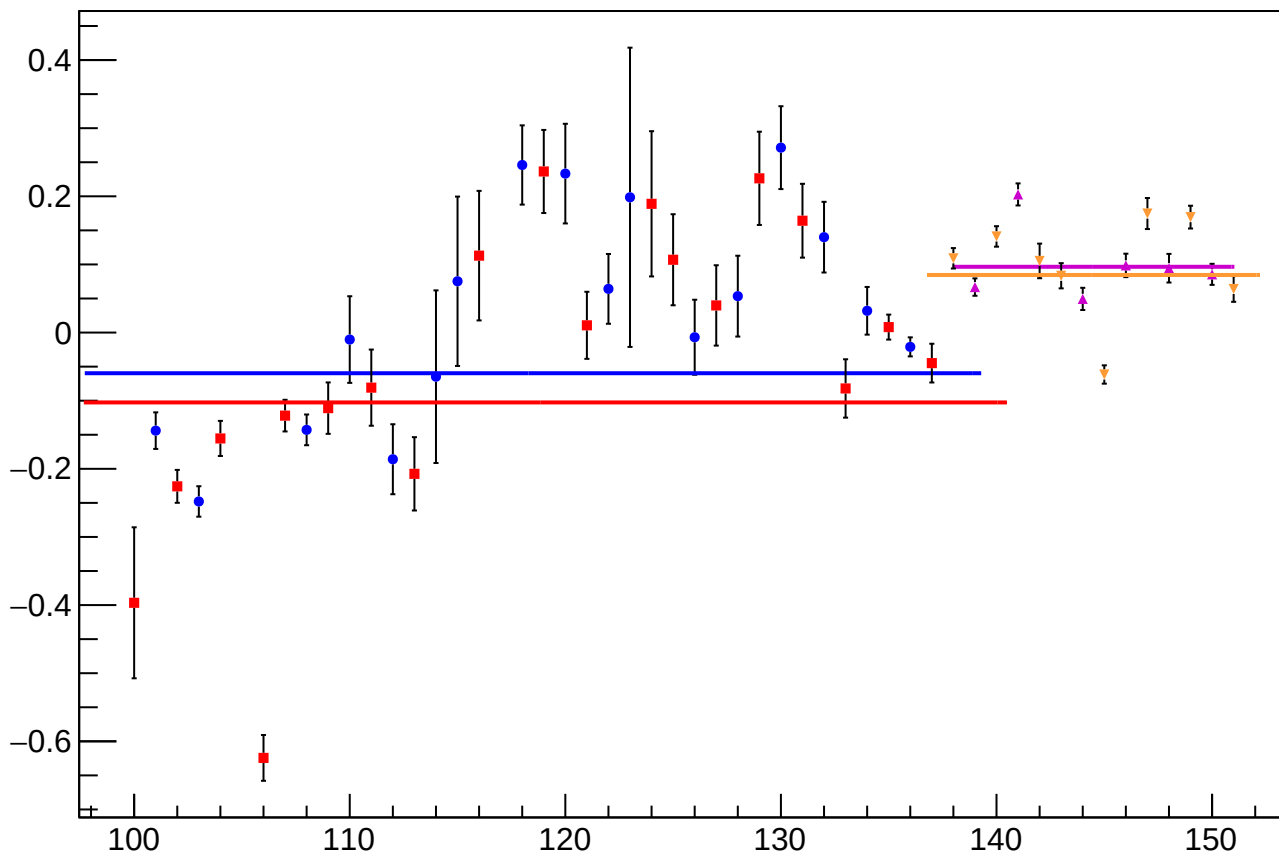
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.875 ± 0.107 χ^2/NDF : 2589.4/22

Out: -6.563 ± 0.101 χ^2/NDF : 2476.0/26

All: -6.240 ± 0.073 χ^2/NDF : 5087.3/49

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: 0.097 ± 0.007 χ^2/NDF : 57.4/5

Left: 0.090 ± 0.004 χ^2/NDF : 237.4/13

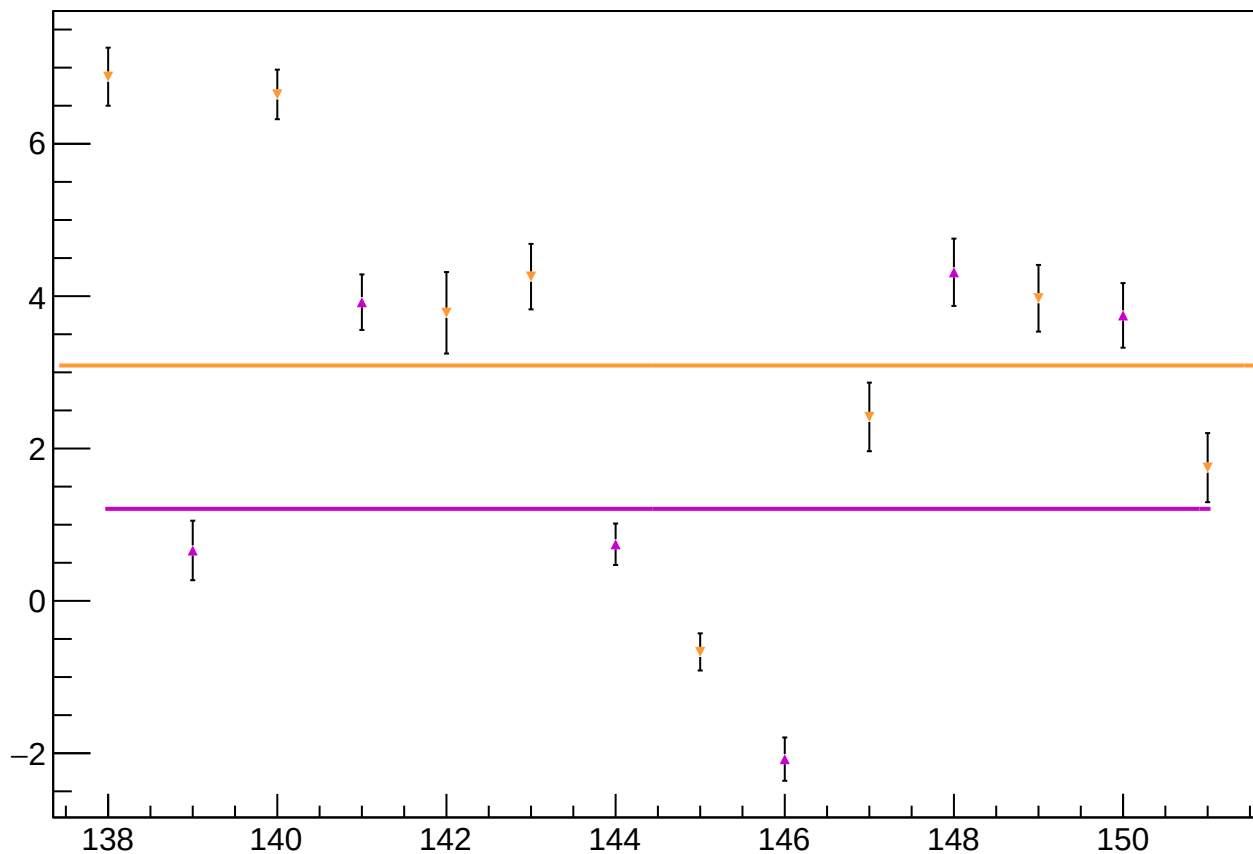
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.038 ± 0.005 χ^2/NDF : 490.2/22

Out: 0.021 ± 0.005 χ^2/NDF : 938.8/26

All: 0.029 ± 0.004 χ^2/NDF : 1434.8/49

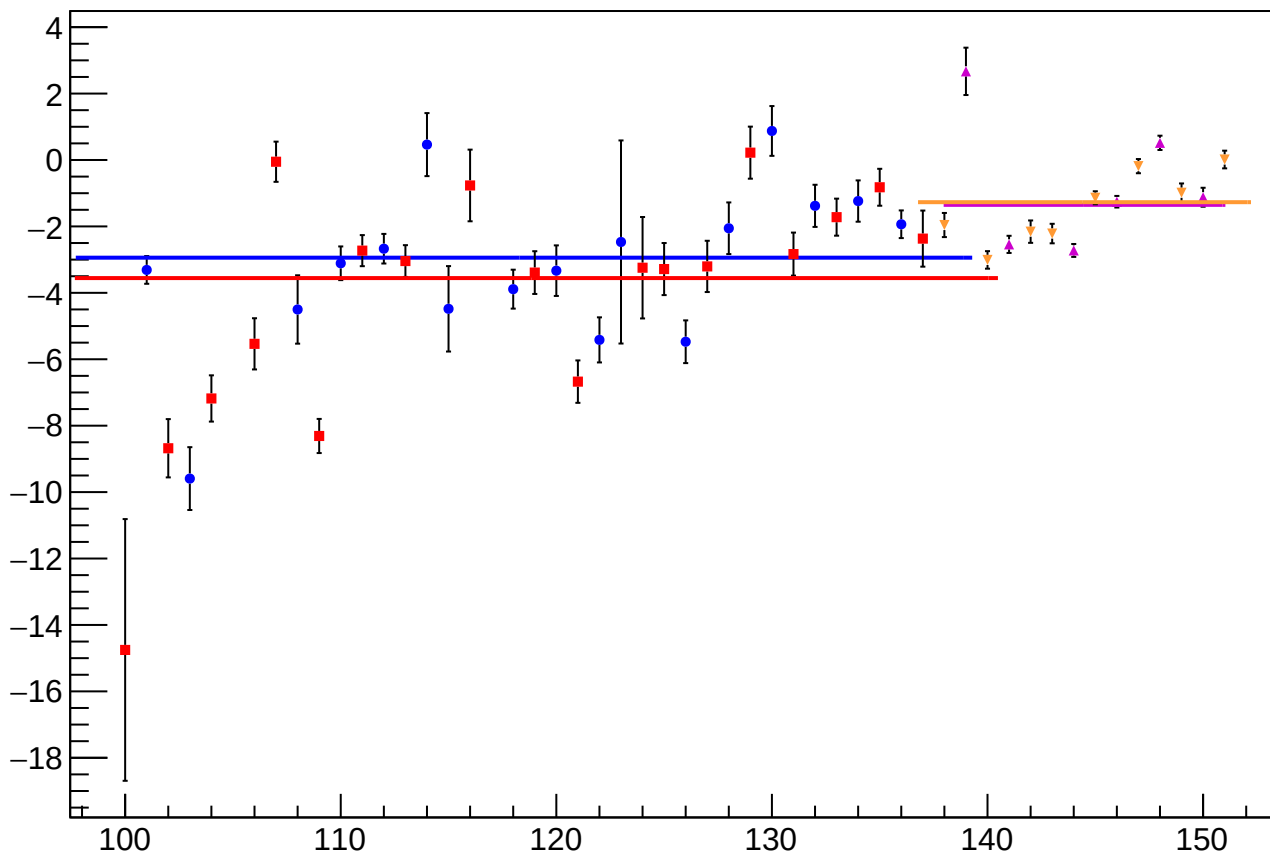
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.208 $\pm$ 0.141 χ^2 /NDF:278.9/5

Left: 2.205 $\pm$ 0.096 χ^2 /NDF: 854.4/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.208 $\pm$ 0.141 χ^2 /NDF:278.9/5
 Out: 3.090 $\pm$ 0.132 χ^2 /NDF:480.5/7
 All: 2.205 $\pm$ 0.096 χ^2 /NDF: 854.4/13

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.270 ± 0.092 $\chi^2/\text{NDF}: 114.7/7$

Right Out: -3.556 ± 0.155 $\chi^2/\text{NDF}: 291.6/18$

Left In: -1.351 ± 0.095 $\chi^2/\text{NDF}: 178.9/5$

Left: -1.309 ± 0.066 $\chi^2/\text{NDF}: 294.1/13$

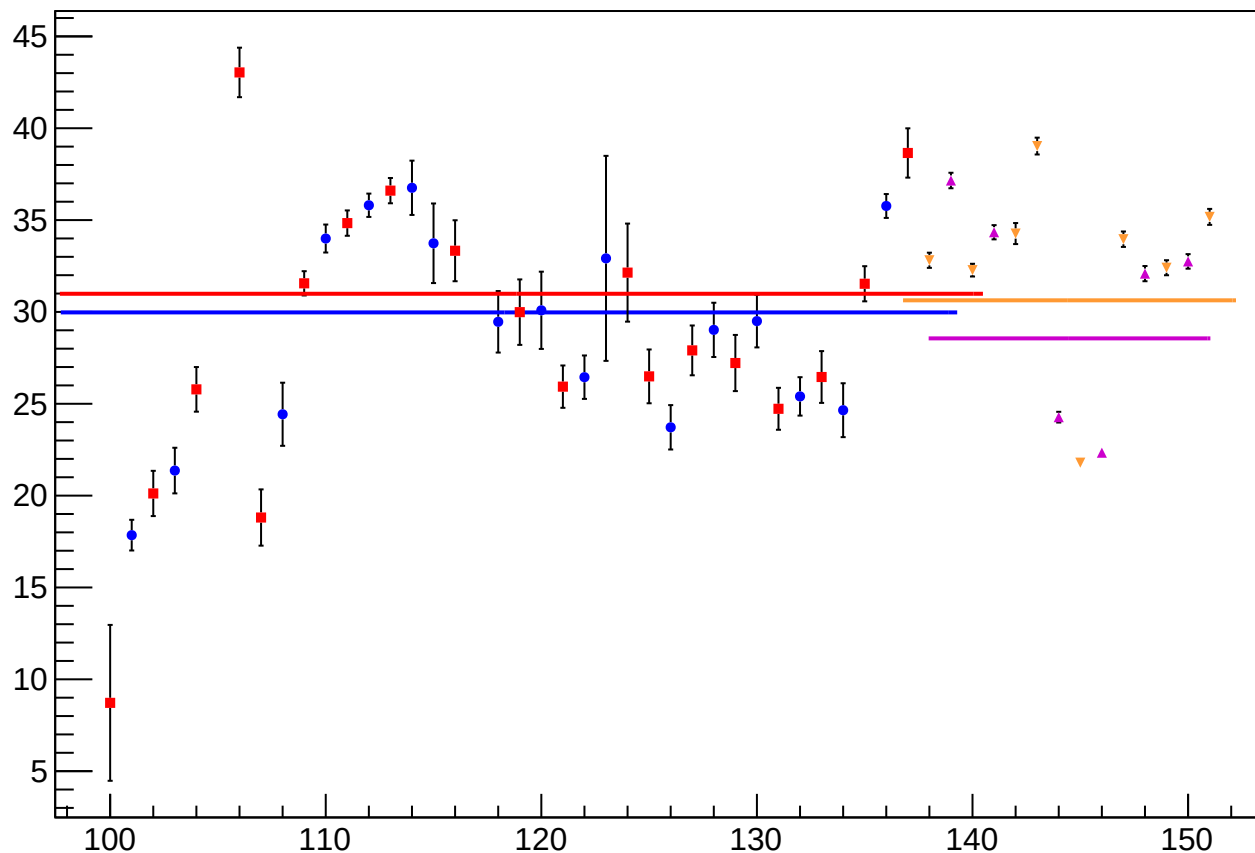
Right: -3.248 ± 0.109 $\chi^2/\text{NDF}: 445.2/35$

In: -1.790 ± 0.081 $\chi^2/\text{NDF}: 401.5/22$

Out: -1.873 ± 0.079 $\chi^2/\text{NDF}: 567.5/26$

All: -1.832 ± 0.057 $\chi^2/\text{NDF}: 969.5/49$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 30.632 $\pm$ 0.136 χ^2 /NDF:1775.2/7

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 28.560 $\pm$ 0.142 χ^2 /NDF:1556.4/5

Left: 29.637 $\pm$ 0.098 χ^2 /NDF: 3442.4/13

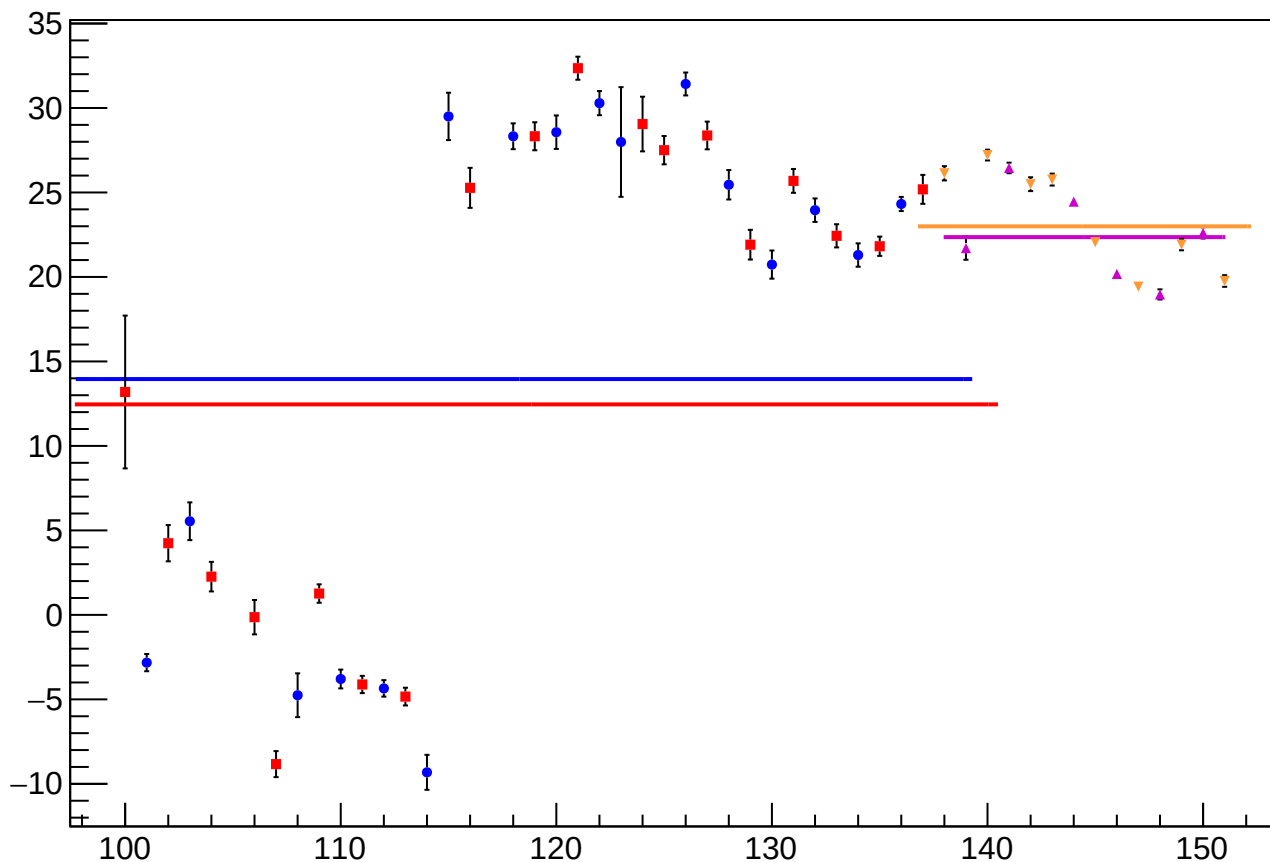
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 28.871 $\pm$ 0.125 χ^2 /NDF:2132.2/22

Out: 30.709 $\pm$ 0.121 χ^2 /NDF:2257.7/26

All: 29.824 $\pm$ 0.087 χ^2 /NDF: 4501.3/49

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: 22.357 $\pm$ 0.118 χ^2 /NDF:482.0/5

Left: 22.688 $\pm$ 0.082 χ^2 /NDF: 1087.6/13

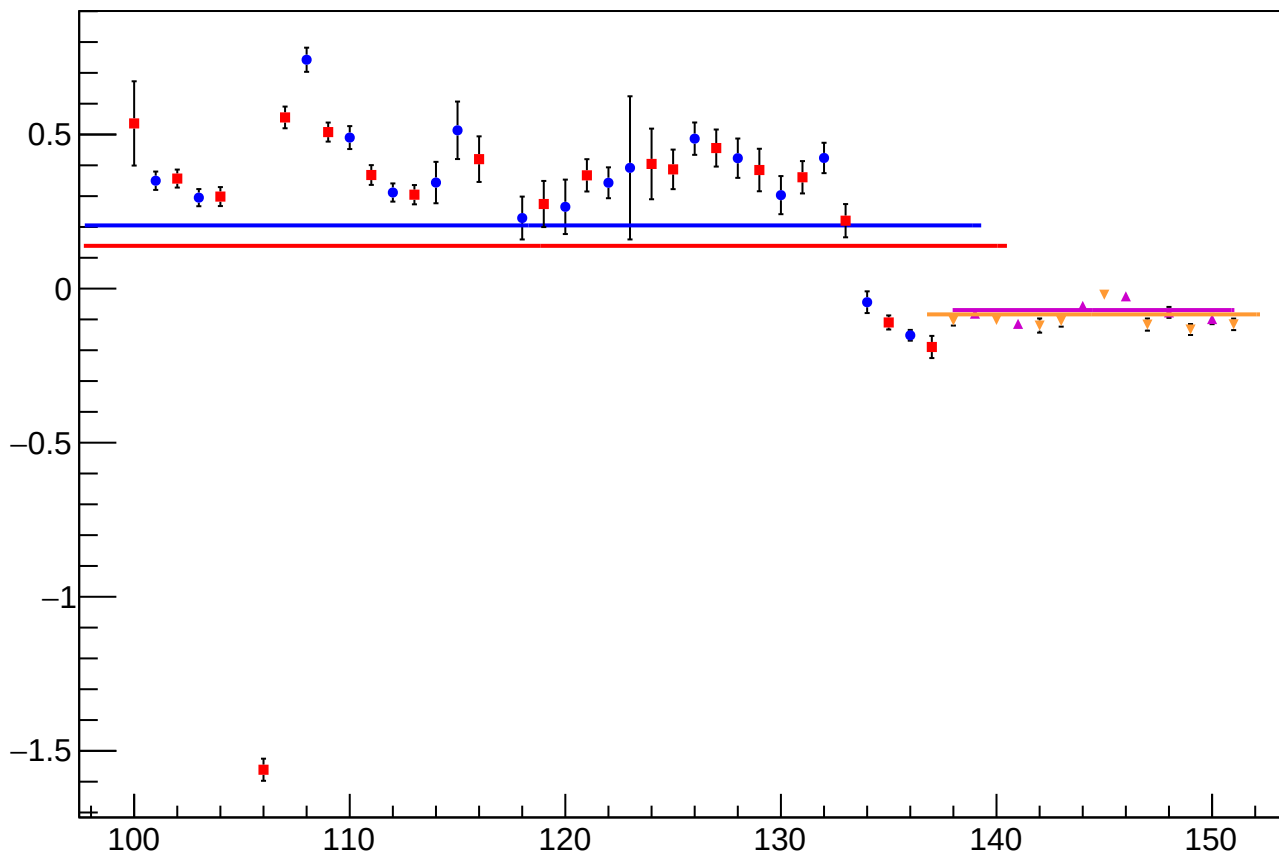
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.681 $\pm$ 0.097 χ^2 /NDF:9450.4/22

Out: 19.838 $\pm$ 0.095 χ^2 /NDF:10150.1/26

All: 19.761 $\pm$ 0.068 χ^2 /NDF: 19601.8/49

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: -0.070 ± 0.006 $\chi^2/\text{NDF}: 25.5/5$

Left: -0.077 ± 0.004 $\chi^2/\text{NDF}: 87.9/13$

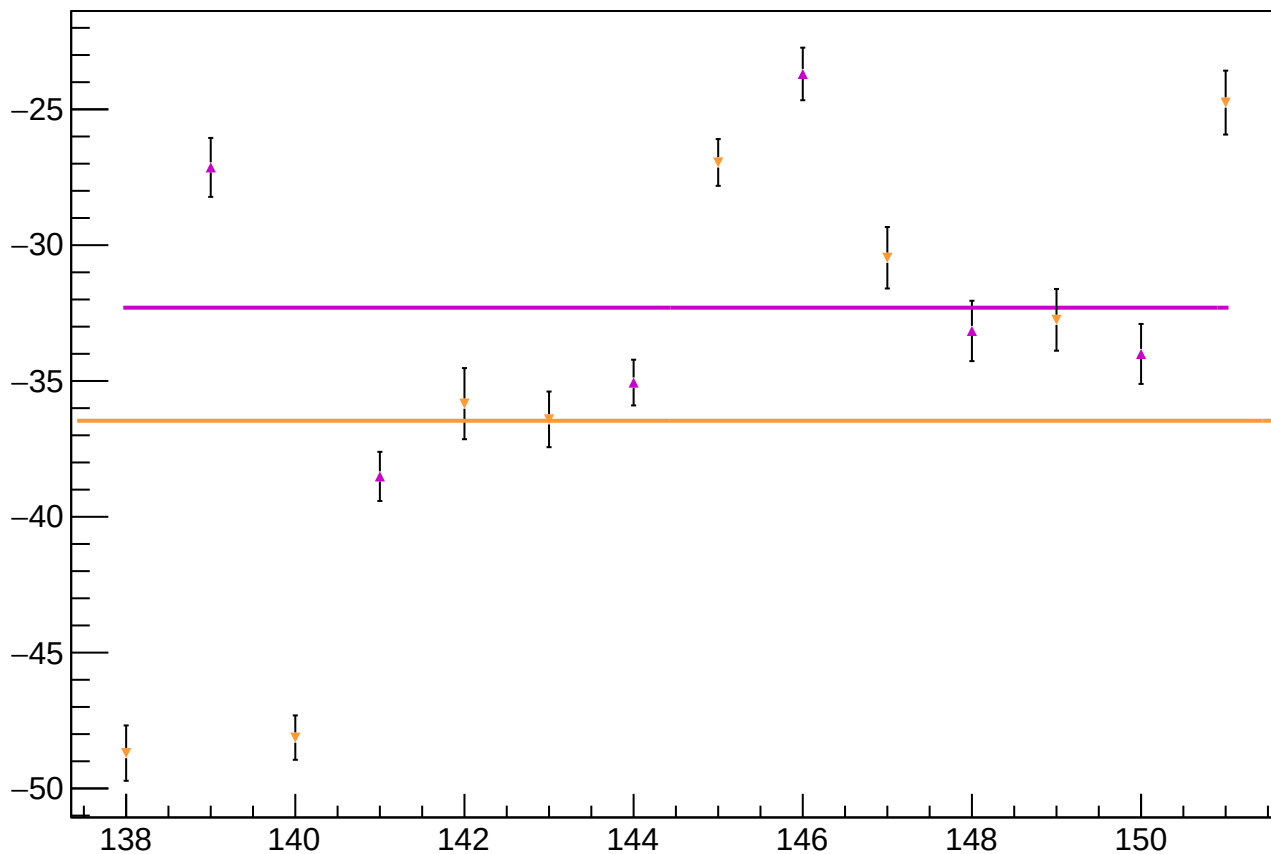
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: 0.010 ± 0.005 $\chi^2/\text{NDF}: 1482.2/22$

Out: -0.022 ± 0.005 $\chi^2/\text{NDF}: 3500.0/26$

All: -0.007 ± 0.003 $\chi^2/\text{NDF}: 5003.8/49$

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: -32.302+/-0.402 χ^2/NDF :162.7/5

Left: -34.600+/-0.269 χ^2/NDF : 830.2/13

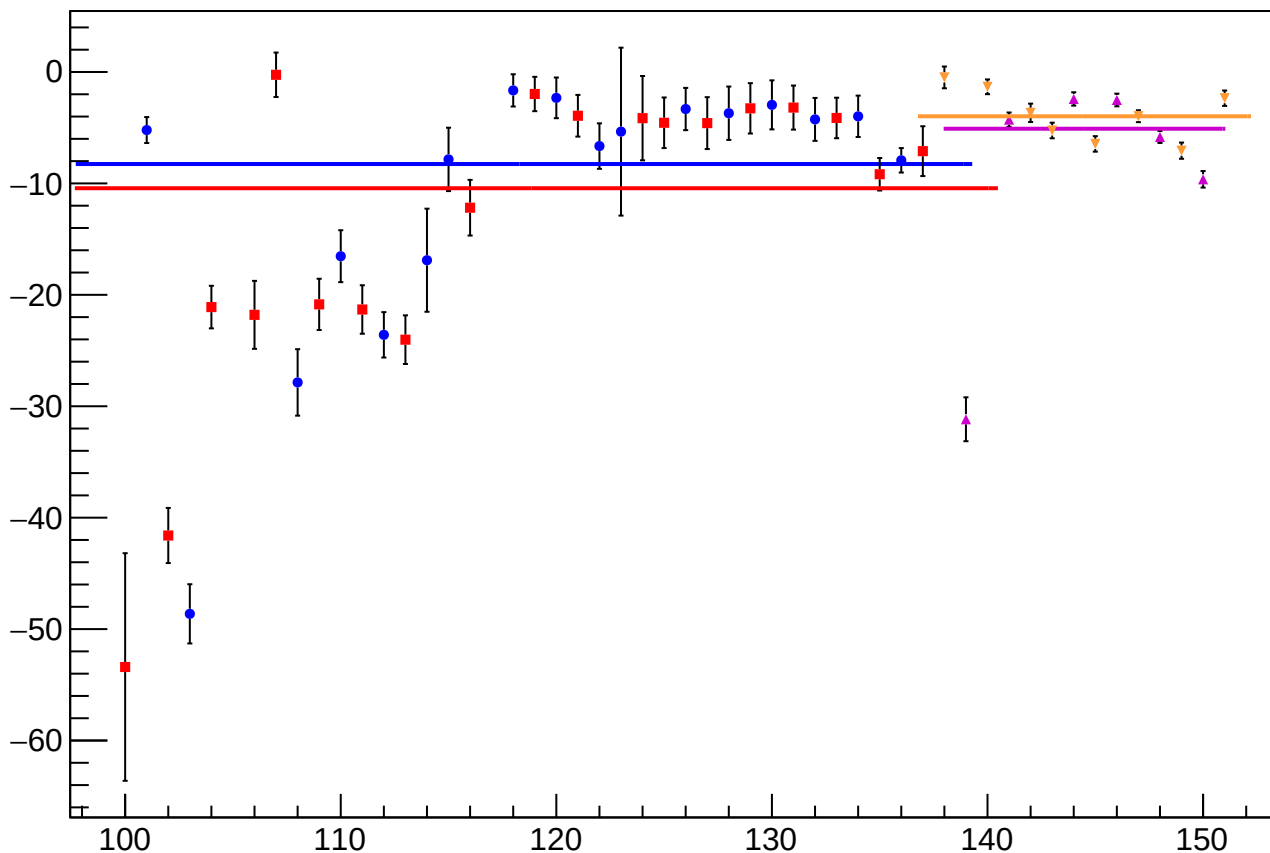
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.302+/-0.402 χ^2/NDF :162.7/5

Out: -36.463+/-0.362 χ^2/NDF :608.4/7

All: -34.600+/-0.269 χ^2/NDF : 830.2/13

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: -5.093 ± 0.269 χ^2/NDF : 256.5/5

Left: -4.487 ± 0.182 χ^2/NDF : 334.3/13

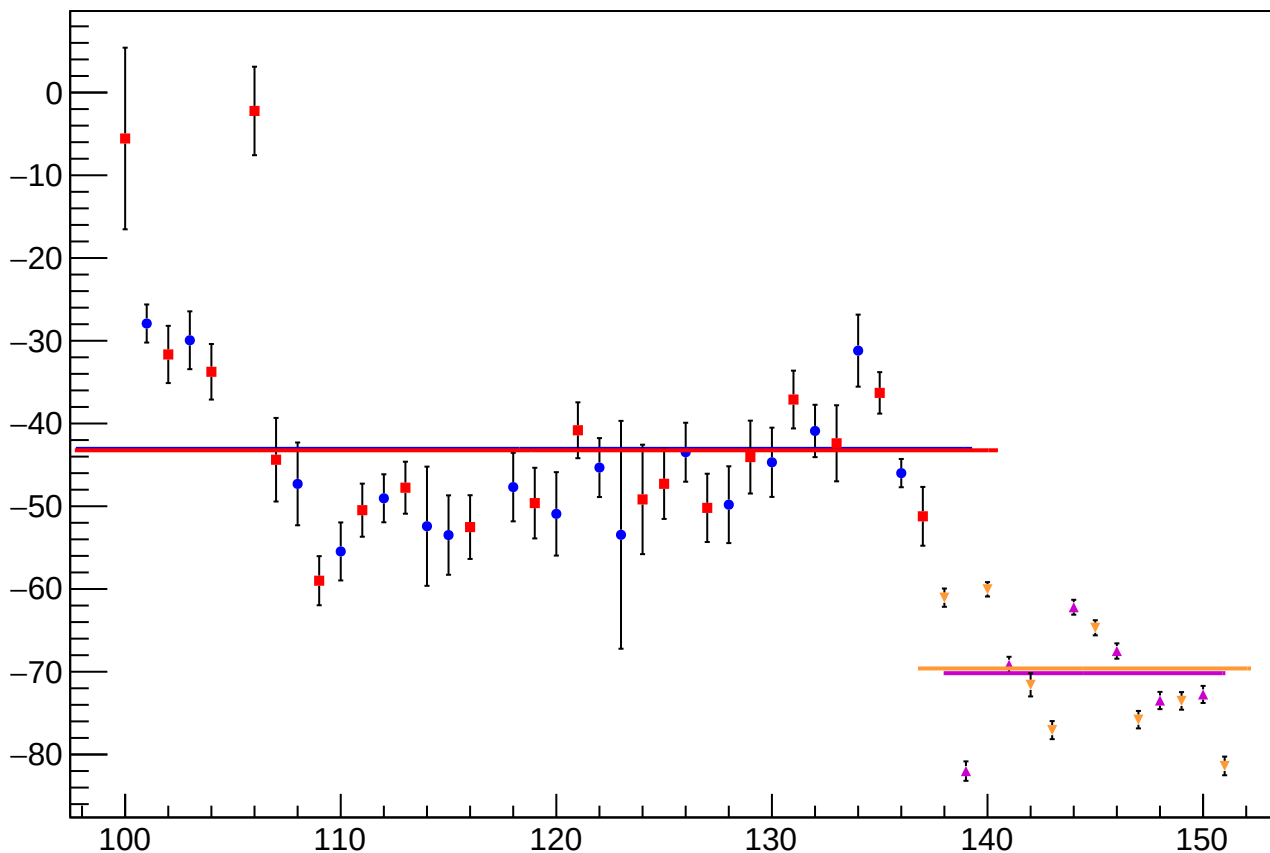
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.893 ± 0.233 χ^2/NDF : 703.4/22

Out: -5.282 ± 0.221 χ^2/NDF : 635.3/26

All: -5.571 ± 0.160 χ^2/NDF : 1342.4/49

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -69.603 ± 0.371 $\chi^2/\text{NDF}: 415.6/7$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -70.174 ± 0.406 $\chi^2/\text{NDF}: 205.7/5$

Left: -69.863 ± 0.274 $\chi^2/\text{NDF}: 622.4/13$

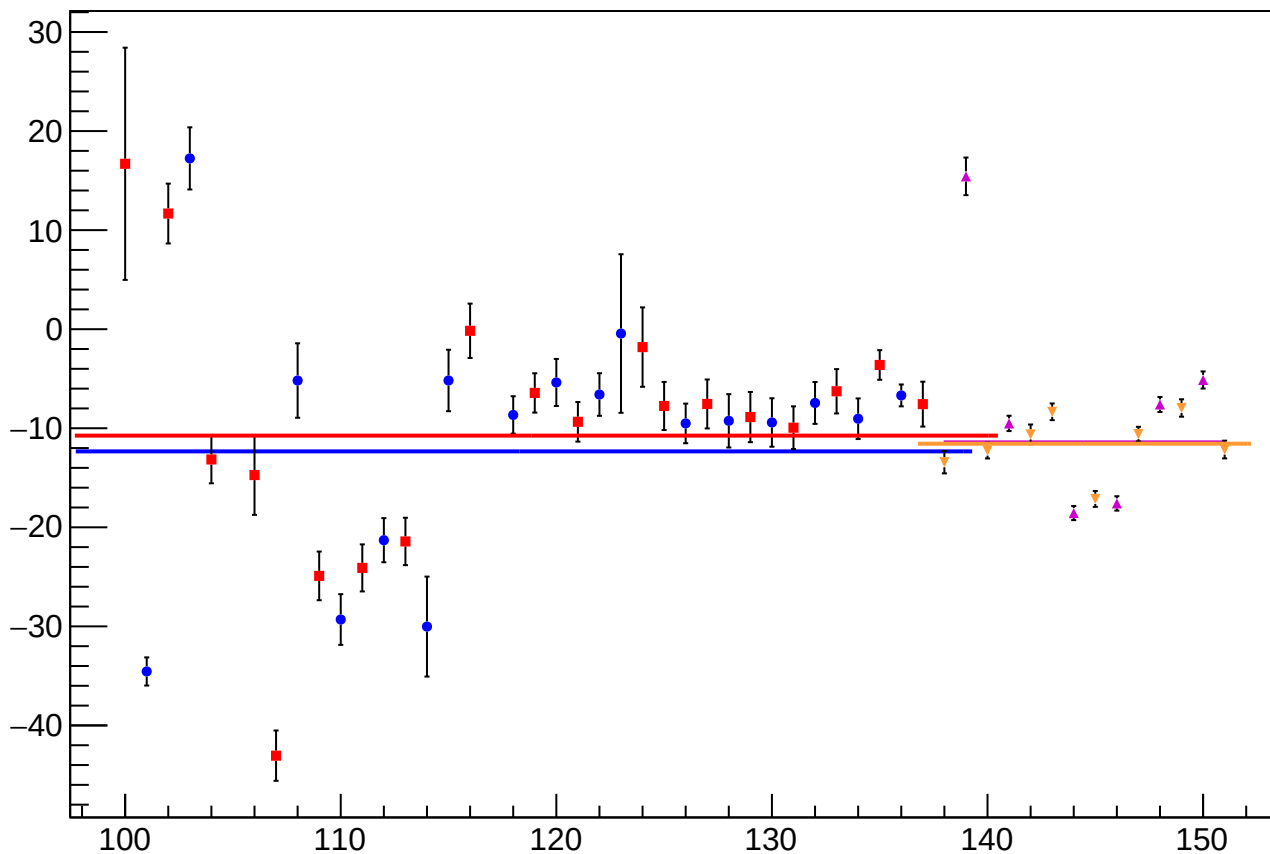
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -64.995 ± 0.365 $\chi^2/\text{NDF}: 1156.8/22$

Out: -65.510 ± 0.341 $\chi^2/\text{NDF}: 1352.8/26$

All: -65.270 ± 0.249 $\chi^2/\text{NDF}: 2510.7/49$

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: -11.425 ± 0.335 χ^2/NDF : 458.0/5

Left: -11.499 ± 0.226 χ^2/NDF : 544.2/13

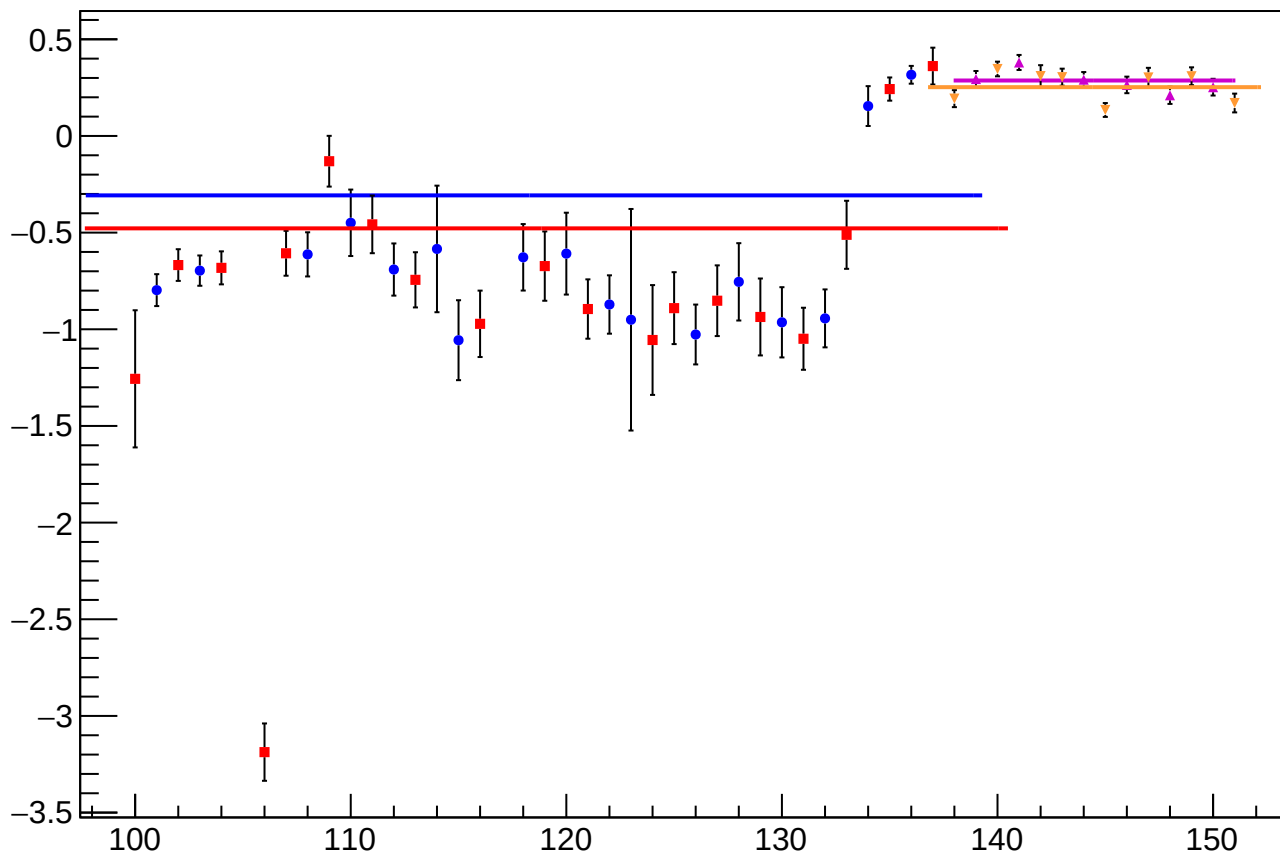
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -11.692 ± 0.282 χ^2/NDF : 935.3/22

Out: -11.369 ± 0.268 χ^2/NDF : 454.7/26

All: -11.522 ± 0.194 χ^2/NDF : 1390.7/49

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: 0.287 ± 0.017 χ^2/NDF : 9.6/5

Left: 0.268 ± 0.011 χ^2/NDF : 38.5/13

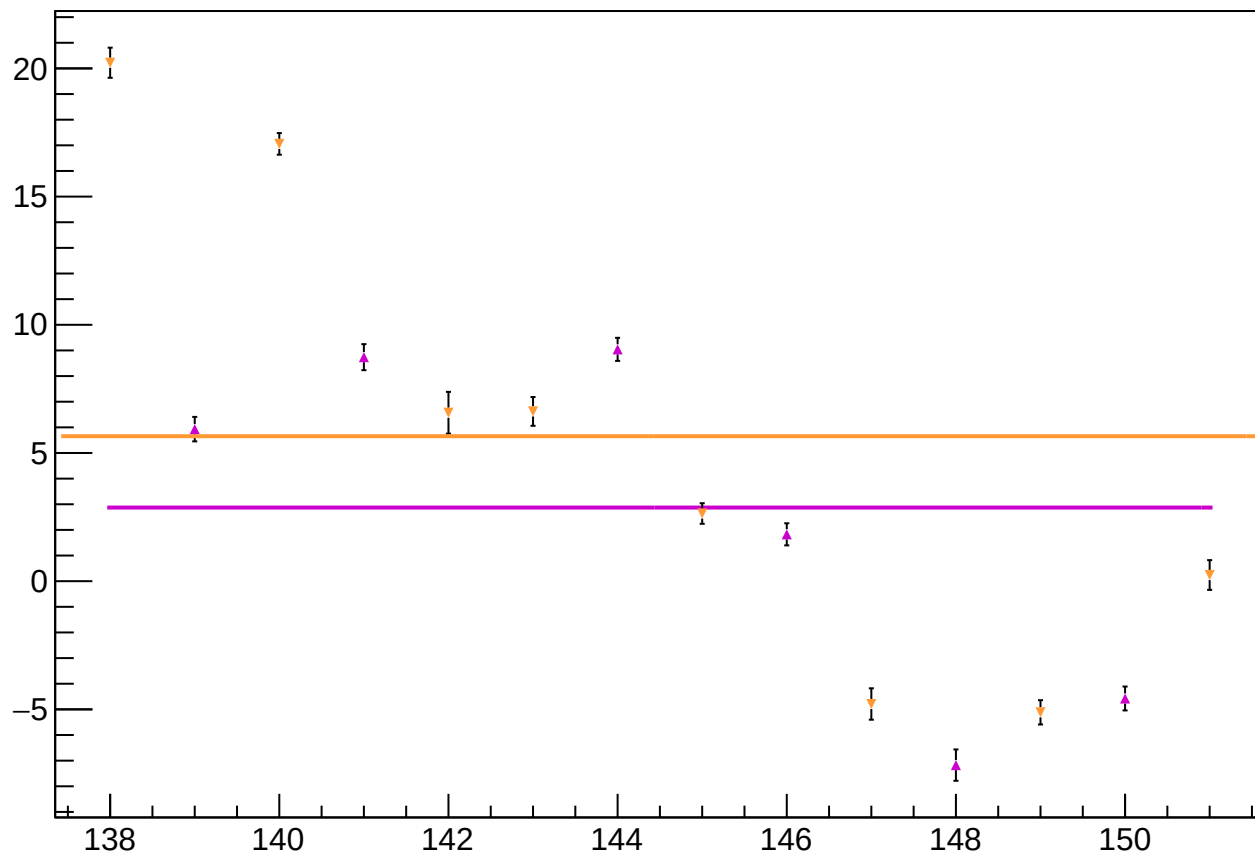
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.123 ± 0.014 χ^2/NDF : 719.4/22

Out: 0.084 ± 0.014 χ^2/NDF : 1162.8/26

All: 0.103 ± 0.010 χ^2/NDF : 1885.9/49

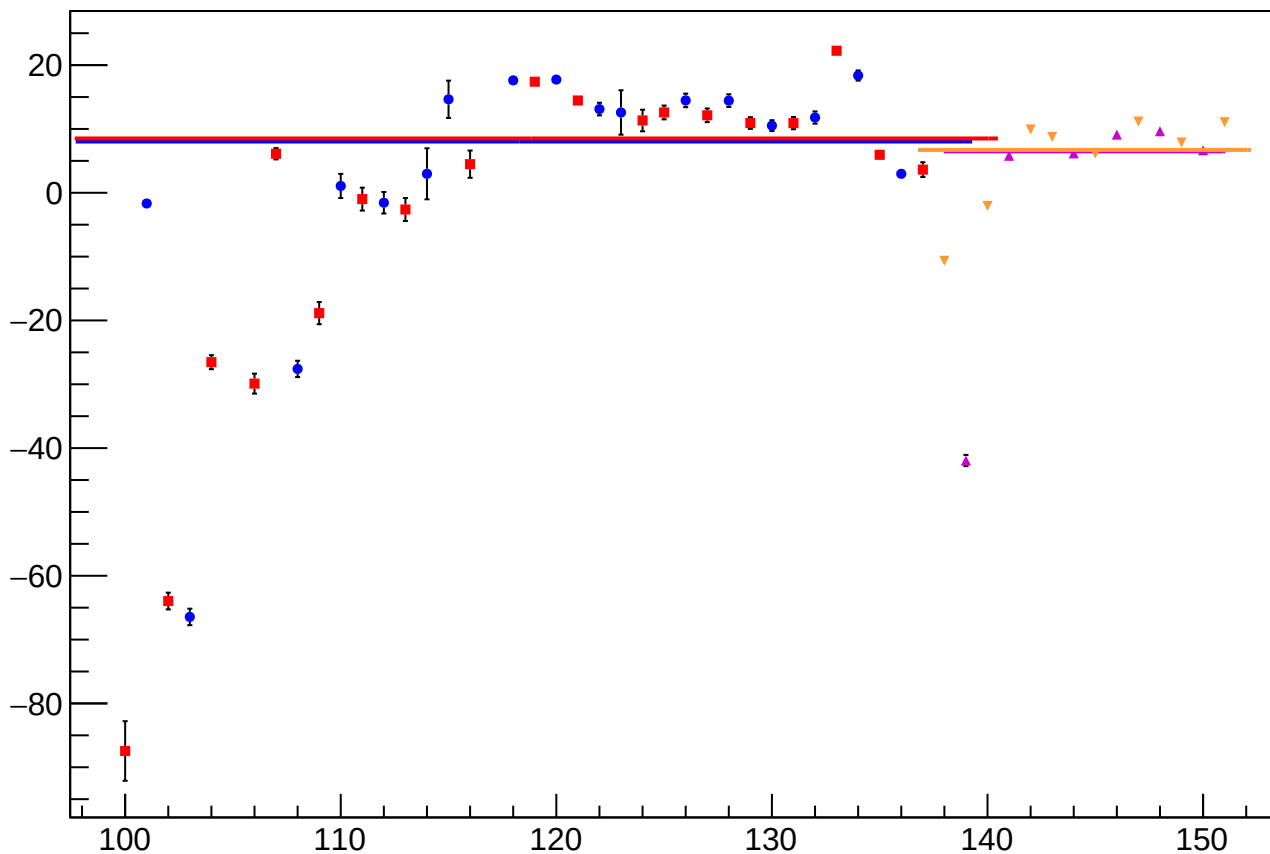
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 2.871 $\pm$ 0.197 χ^2 /NDF:893.8/5

Left: 4.354 $\pm$ 0.134 χ^2 /NDF: 3300.0/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.871 $\pm$ 0.197 χ^2 /NDF:893.8/5
 Out: 5.654 $\pm$ 0.184 χ^2 /NDF:2299.4/7
 All: 4.354 $\pm$ 0.134 χ^2 /NDF: 3300.0/13

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.719 ± 0.128 χ^2/NDF : 1948.9/7

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.484 ± 0.138 χ^2/NDF : 3236.1/5

Left: 6.611 ± 0.094 χ^2/NDF : 5186.6/13

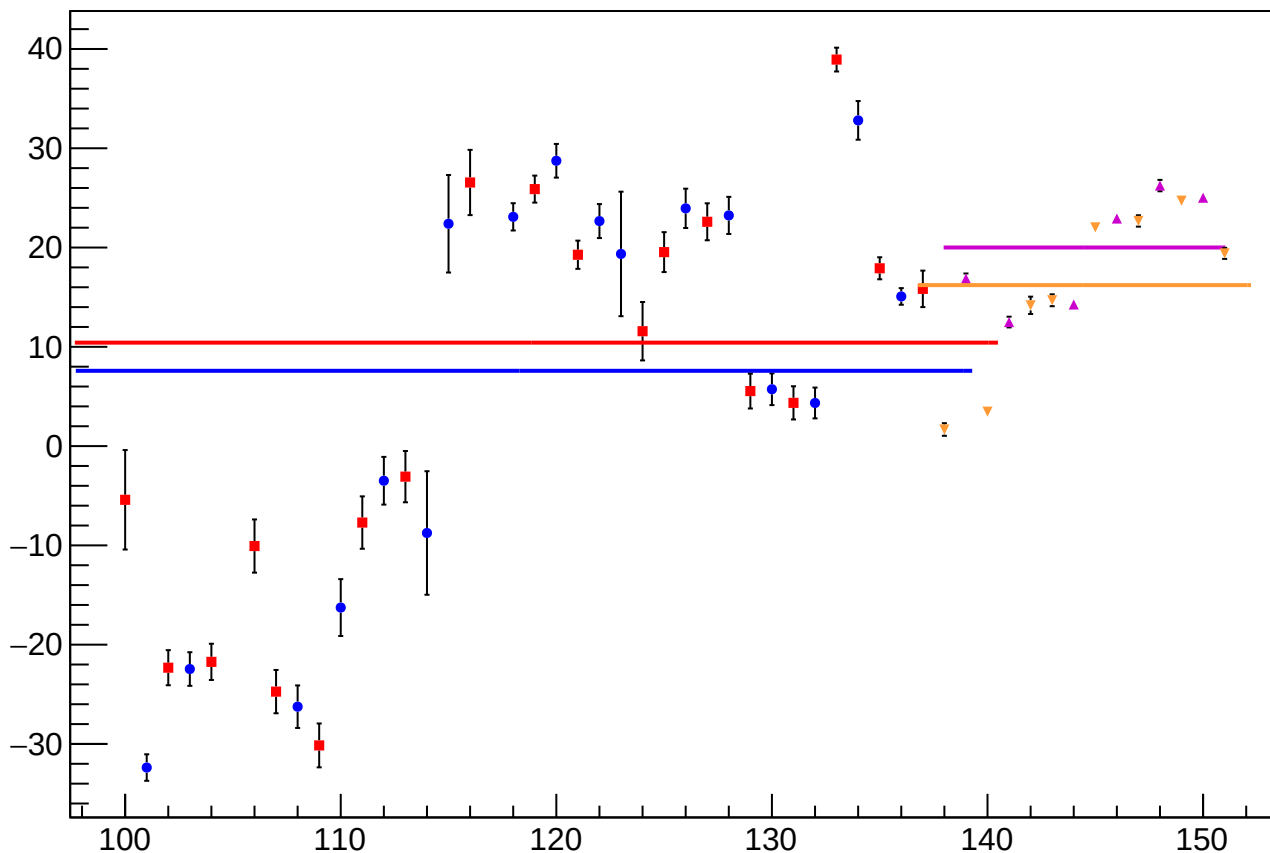
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.936 ± 0.116 χ^2/NDF : 8643.2/22

Out: 7.192 ± 0.109 χ^2/NDF : 8714.1/26

All: 7.072 ± 0.080 χ^2/NDF : 17359.9/49

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: 20.006 ± 0.198 χ^2/NDF : 672.7/5

Left: 18.012 ± 0.136 χ^2/NDF : 2920.2/13

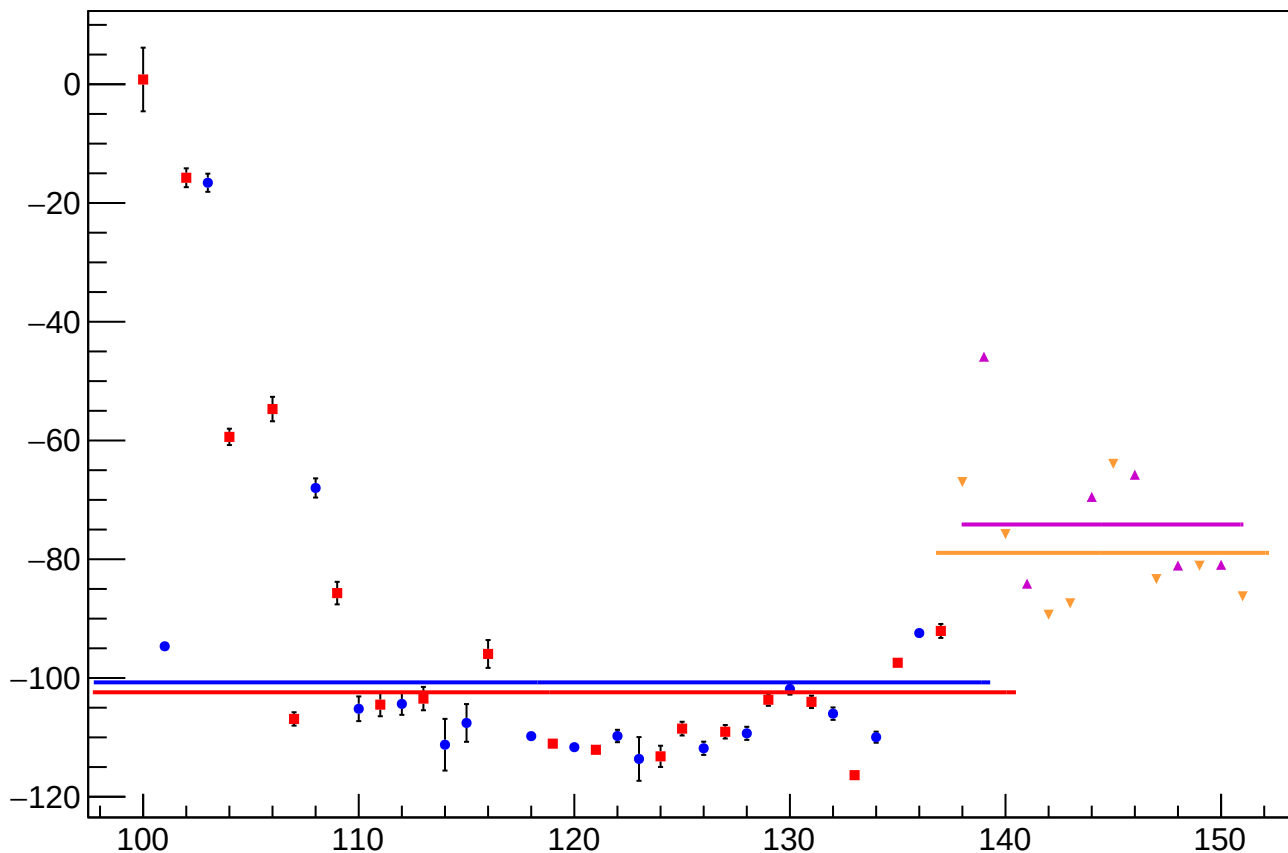
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.724 ± 0.178 χ^2/NDF : 3722.2/22

Out: 15.239 ± 0.171 χ^2/NDF : 4504.4/26

All: 16.427 ± 0.123 χ^2/NDF : 8327.7/49

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 $\pm$ 0.248 χ^2/NDF : 4520.6/16

Left Out: -78.921 $\pm$ 0.157 χ^2/NDF : 2973.6/7

Right Out: -102.408 $\pm$ 0.246 χ^2/NDF : 6088.0/18

Left In: -74.145 $\pm$ 0.169 χ^2/NDF : 2993.2/5

Left: -76.706 $\pm$ 0.115 χ^2/NDF : 6397.3/13

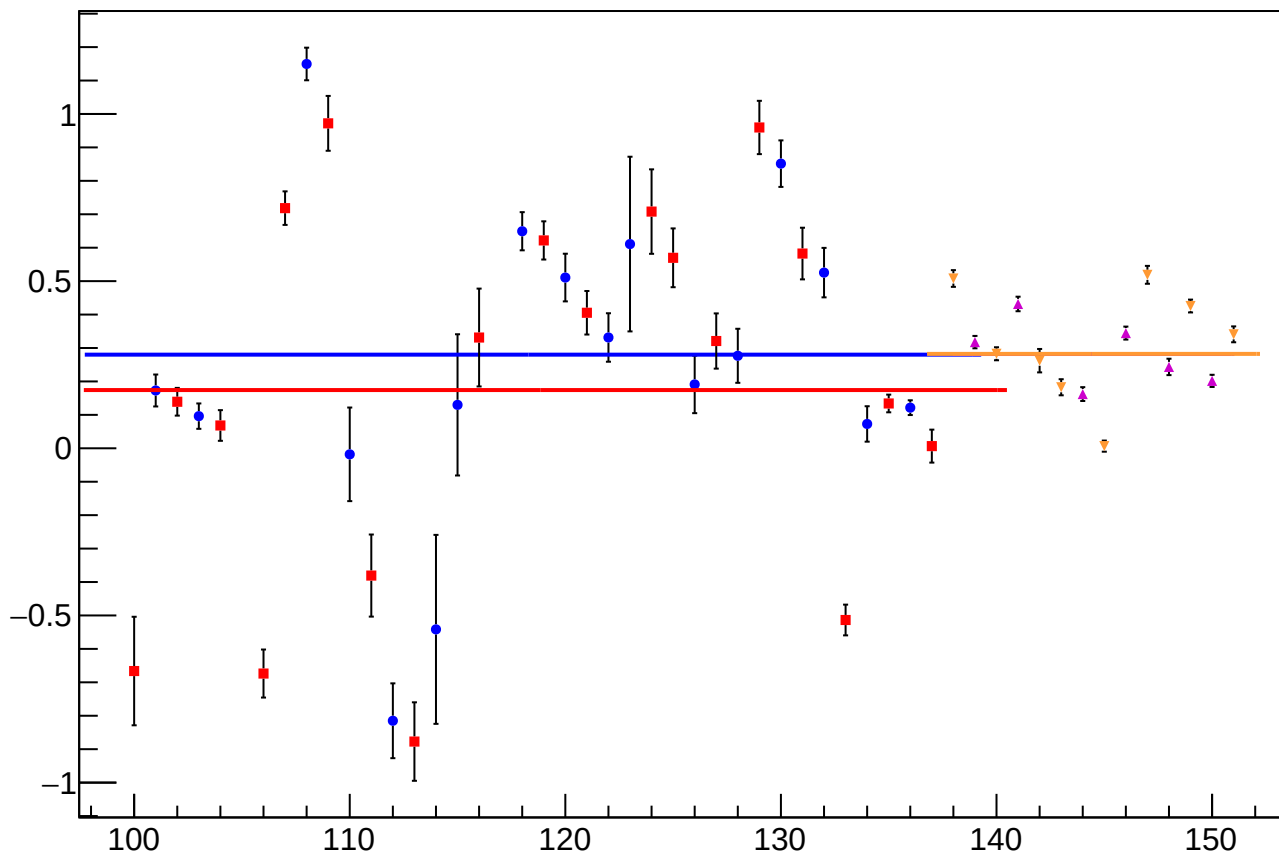
Right: -101.580 $\pm$ 0.175 χ^2/NDF : 10631.4/35

In: -82.534 $\pm$ 0.139 χ^2/NDF : 15363.8/22

Out: -85.708 $\pm$ 0.132 χ^2/NDF : 15550.6/26

All: -84.207 $\pm$ 0.096 χ^2/NDF : 31187.3/49

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2/NDF : 656.4/16

Left Out: 0.282 $\pm$ 0.008 χ^2/NDF : 512.6/7

Right Out: 0.174 $\pm$ 0.013 χ^2/NDF : 964.1/18

Left In: 0.282 $\pm$ 0.008 χ^2/NDF : 116.8/5

Left: 0.282 $\pm$ 0.006 χ^2/NDF : 629.4/13

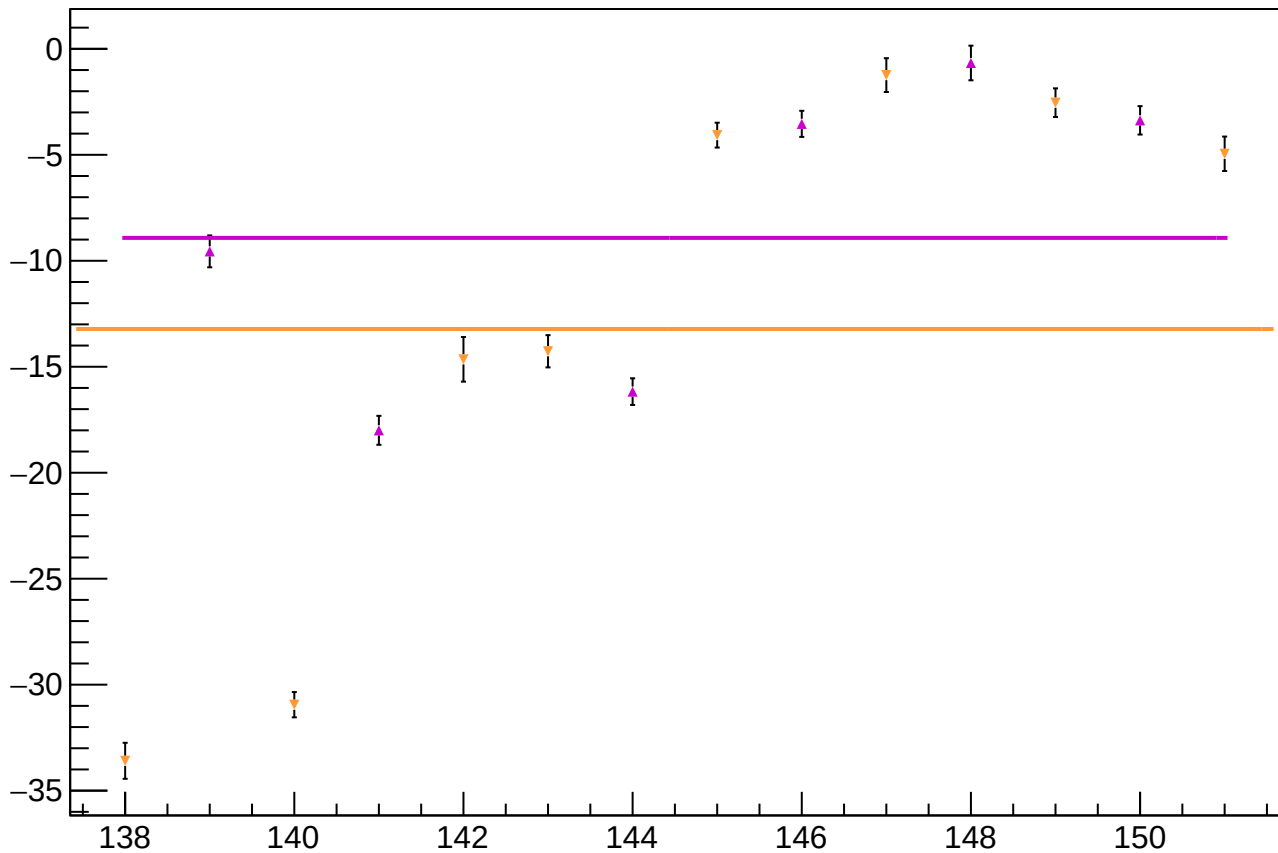
Right: 0.227 $\pm$ 0.010 χ^2/NDF : 1651.4/35

In: 0.281 $\pm$ 0.007 χ^2/NDF : 773.2/22

Out: 0.255 $\pm$ 0.007 χ^2/NDF : 1525.0/26

All: 0.268 $\pm$ 0.005 χ^2/NDF : 2305.6/49

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: -8.919+/-0.279 χ^2/NDF :557.4/5

Left: -11.238+/-0.190 χ^2/NDF : 2970.0/13

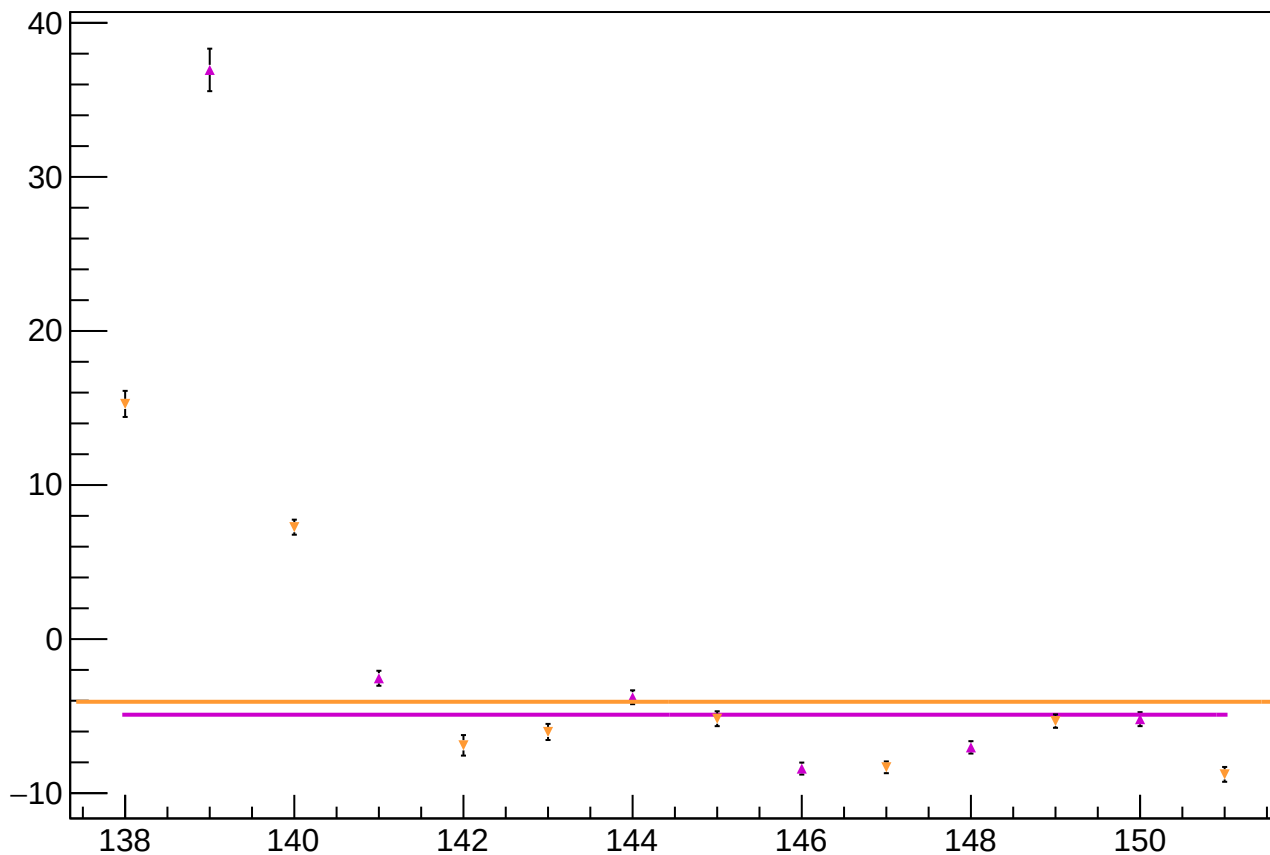
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.919+/-0.279 χ^2/NDF :557.4/5

Out: -13.218+/-0.258 χ^2/NDF :2284.9/7

All: -11.238+/-0.190 χ^2/NDF : 2970.0/13

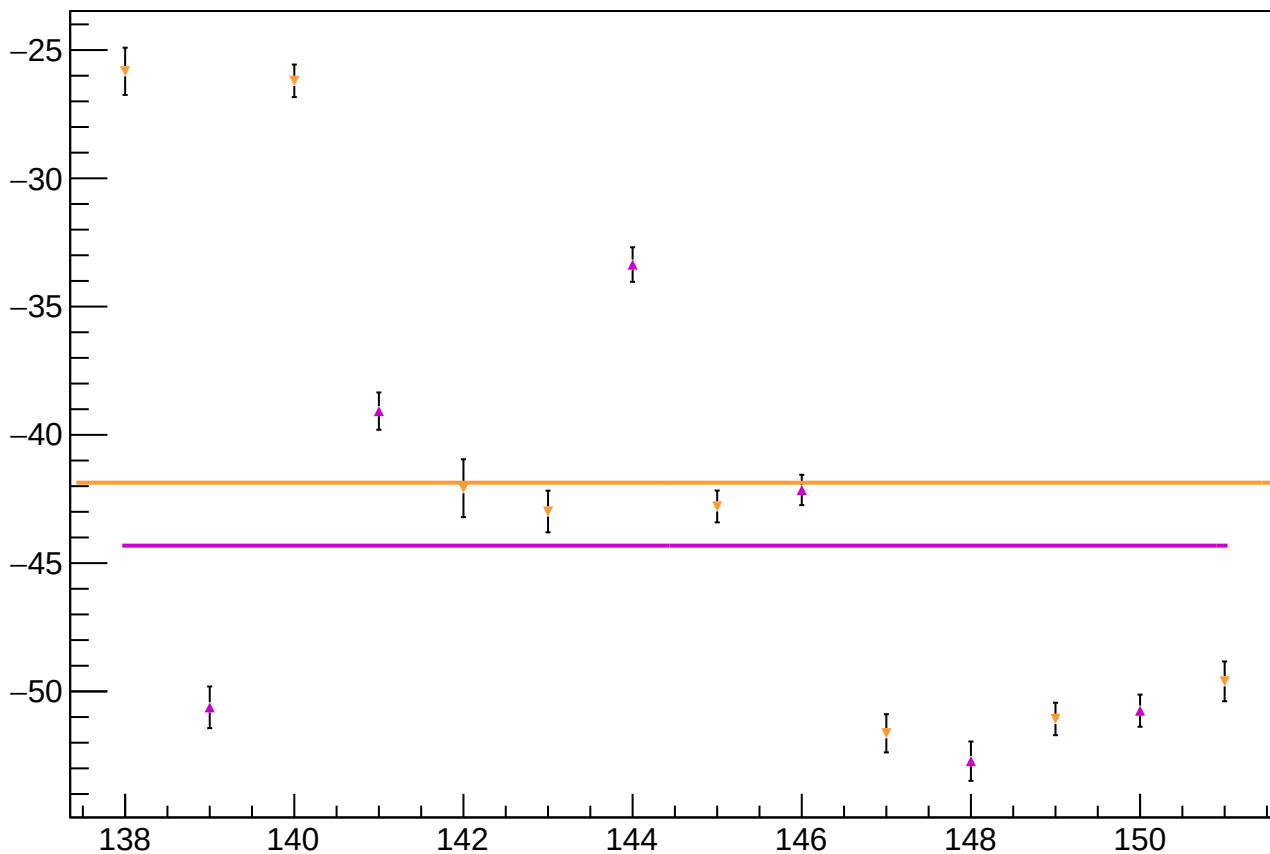
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -4.908+/-0.191 χ^2/NDF :1059.9/5

Left: -4.453+/-0.130 χ^2/NDF : 2394.4/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.908+/-0.191 χ^2/NDF :1059.9/5
 Out: -4.068+/-0.176 χ^2/NDF :1324.1/7
 All: -4.453+/-0.130 χ^2/NDF : 2394.4/13

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



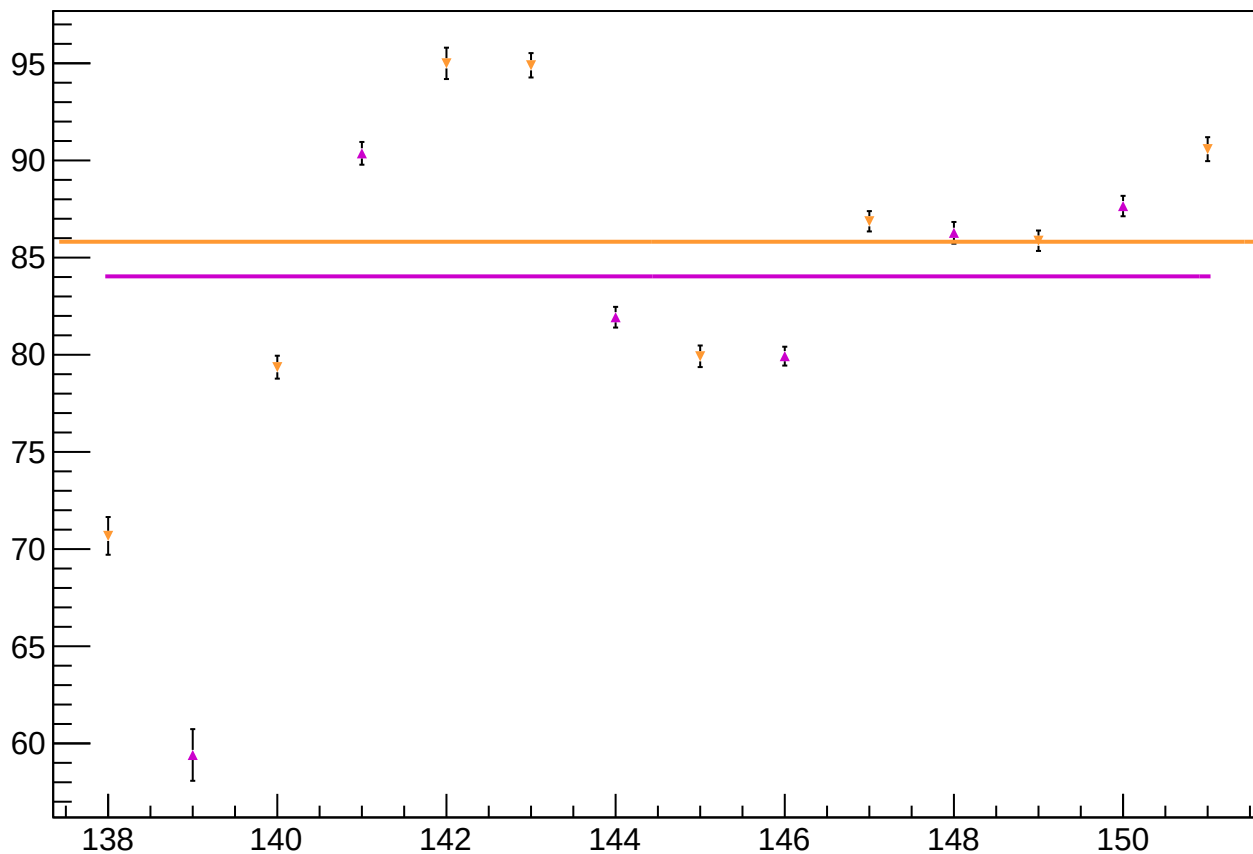
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.863+/-0.262 χ^2/NDF :1399.6/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.318+/-0.280 χ^2/NDF :615.8/5

Left: -43.009+/-0.192 χ^2/NDF : 2056.2/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.318+/-0.280 χ^2/NDF :615.8/5
 Out: -41.863+/-0.262 χ^2/NDF :1399.6/7

All: -43.009+/-0.192 χ^2/NDF : 2056.2/13

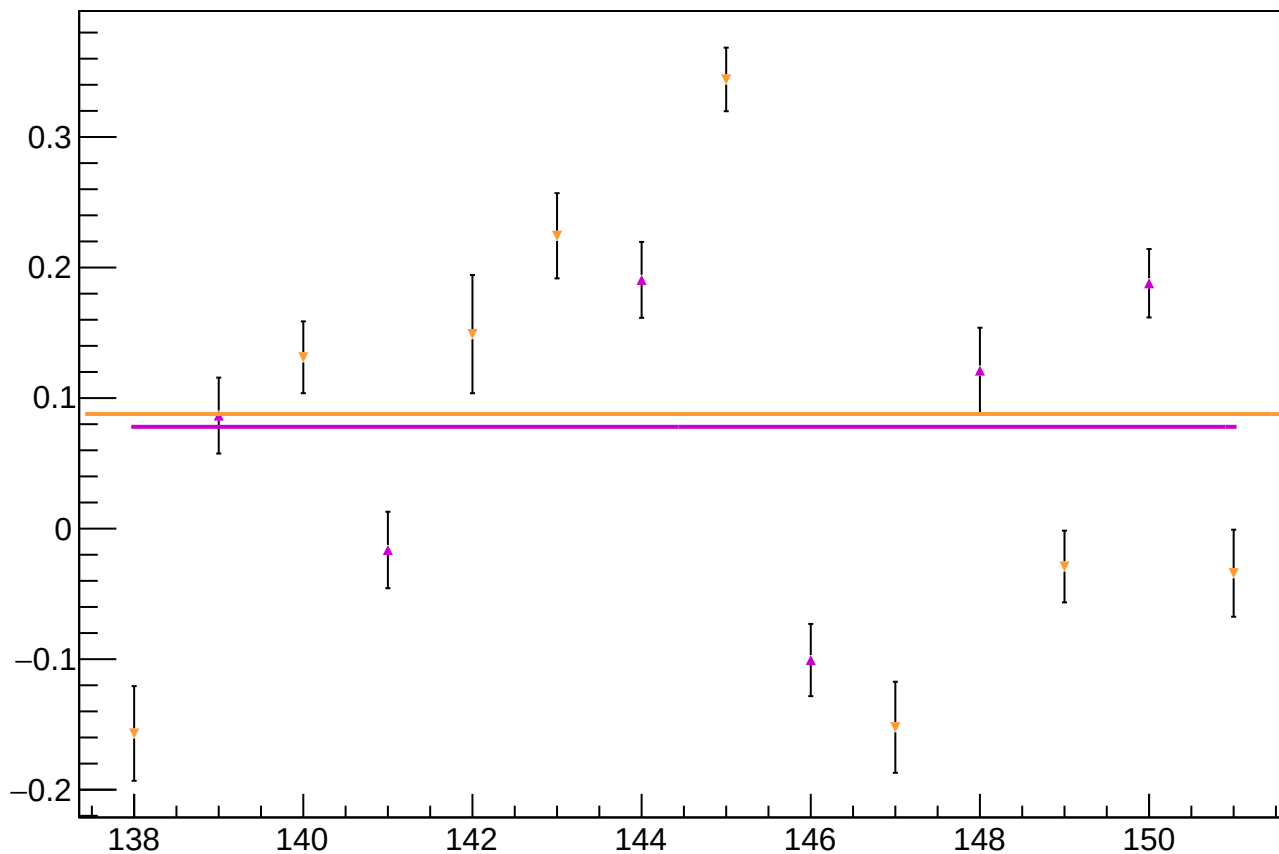
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 84.034+/-0.235 χ^2/NDF : 610.9/5

Left: 84.995+/-0.160 χ^2/NDF : 1520.0/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.034+/-0.235 χ^2/NDF : 610.9/5
 Out: 85.816+/-0.217 χ^2/NDF : 878.1/7
 All: 84.995+/-0.160 χ^2/NDF : 1520.0/13

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: 0.078+/-0.012 χ^2/NDF :86.5/5

Left: 0.083+/-0.008 χ^2/NDF : 343.9/13

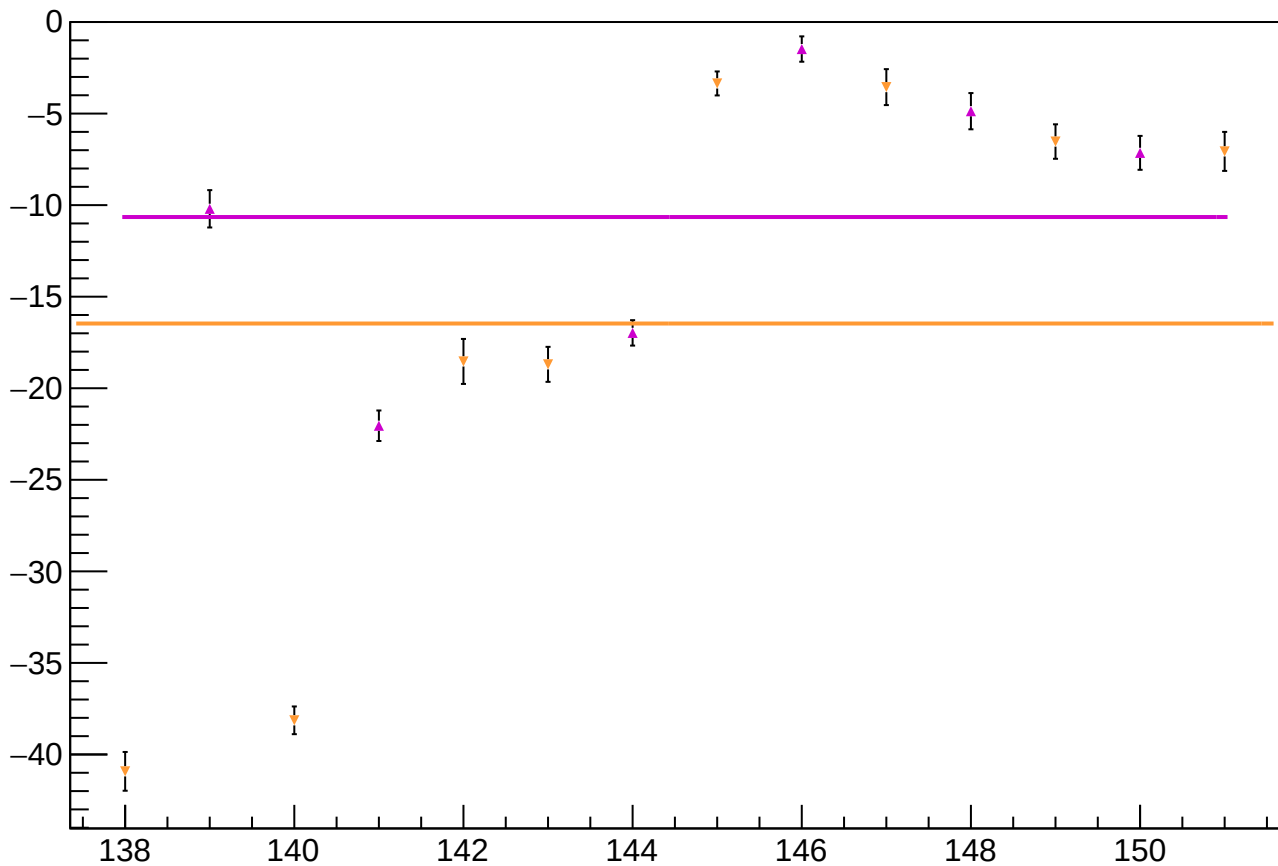
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.078+/-0.012 χ^2/NDF :86.5/5

Out: 0.088+/-0.011 χ^2/NDF :257.0/7

All: 0.083+/-0.008 χ^2/NDF : 343.9/13

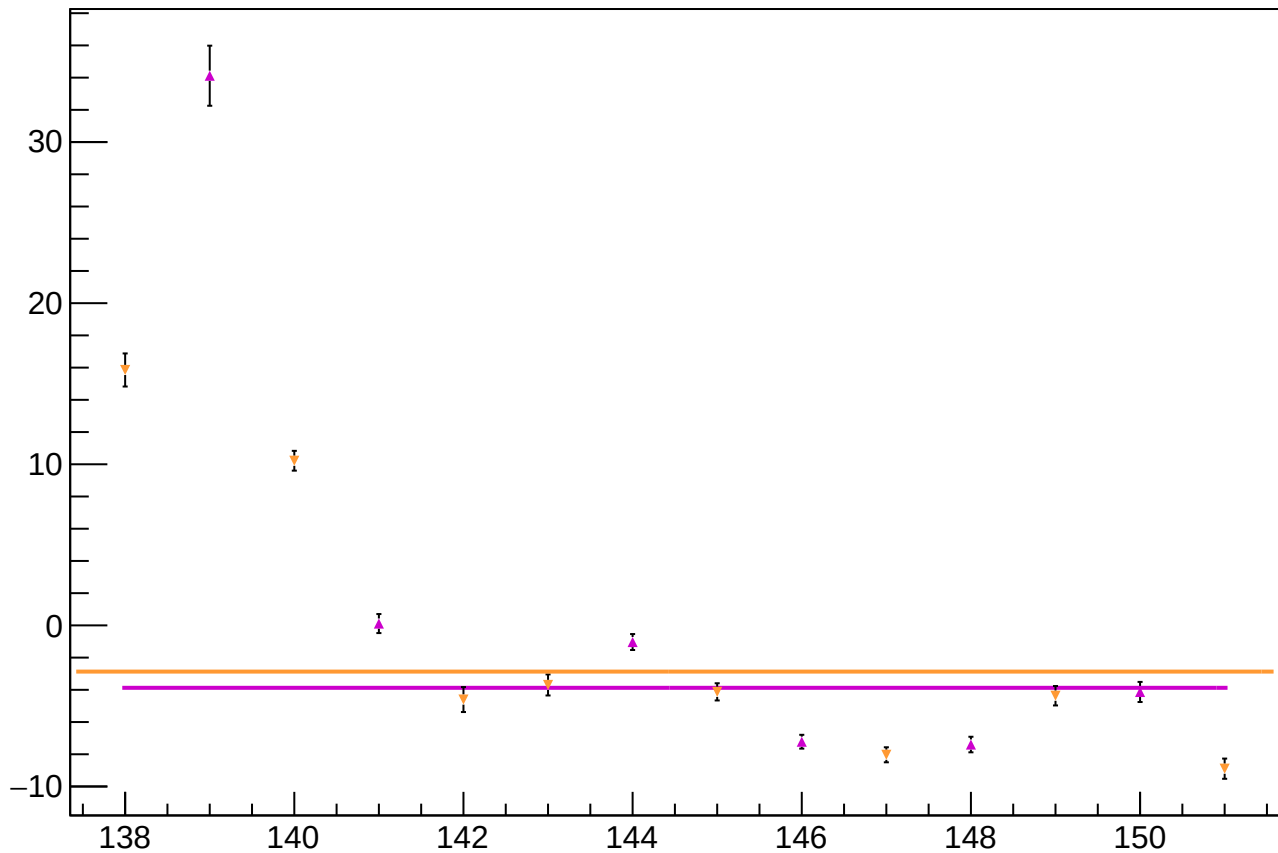
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -10.650+/-0.338 χ^2/NDF :494.6/5

Left: -13.718+/-0.232 χ^2/NDF : 2775.6/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.650+/-0.338 χ^2/NDF :494.6/5
 Out: -16.465+/-0.320 χ^2/NDF :2124.8/7
 All: -13.718+/-0.232 χ^2/NDF : 2775.6/13

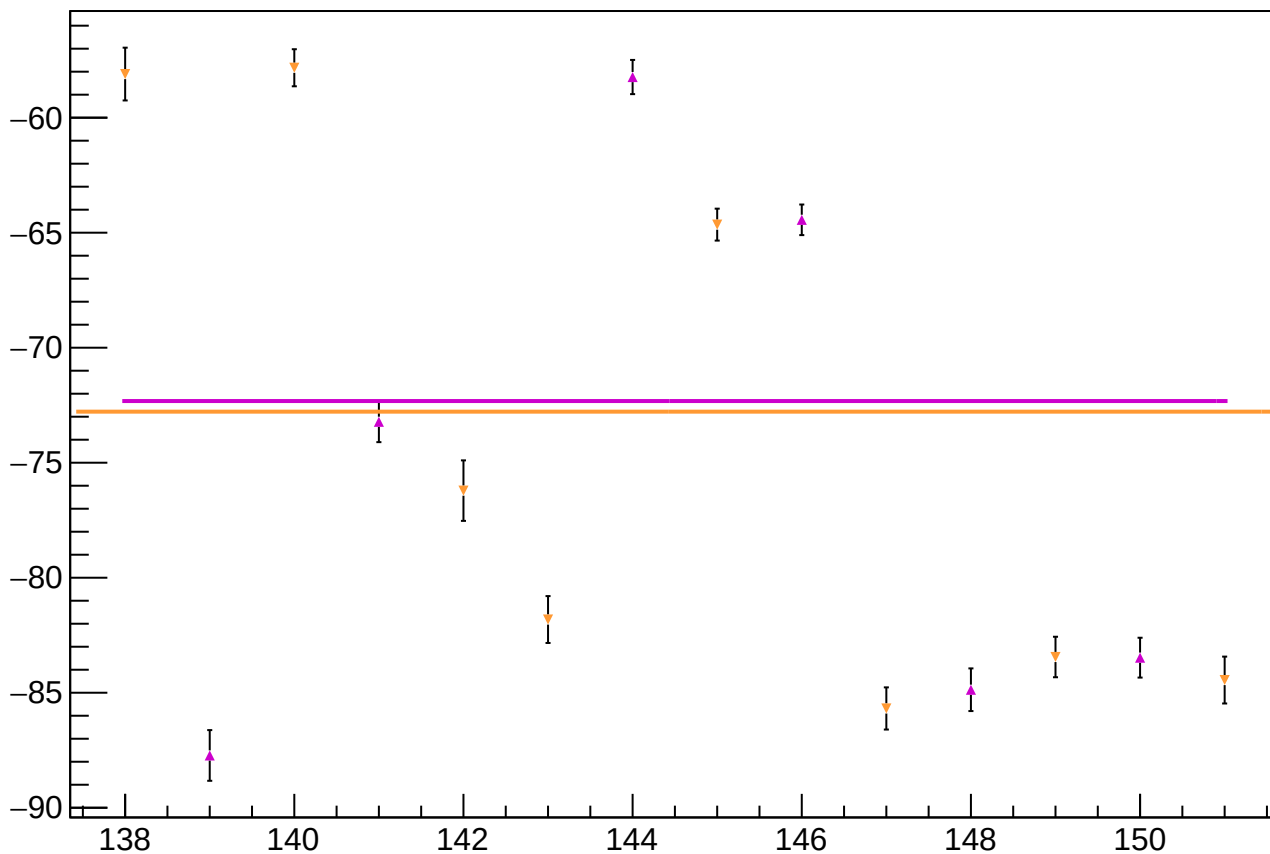
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -3.875+/-0.226 χ^2/NDF :607.8/5

Left: -3.353+/-0.157 χ^2/NDF : 1637.1/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.875+/-0.226 χ^2/NDF :607.8/5
 Out: -2.868+/-0.218 χ^2/NDF :1019.0/7
 All: -3.353+/-0.157 χ^2/NDF : 1637.1/13

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -72.780 $\pm$ 0.327 χ^2 /NDF:1206.5/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -72.319 $\pm$ 0.340 χ^2 /NDF:1044.9/5

Left: -72.558 $\pm$ 0.236 χ^2 /NDF: 2252.4/13

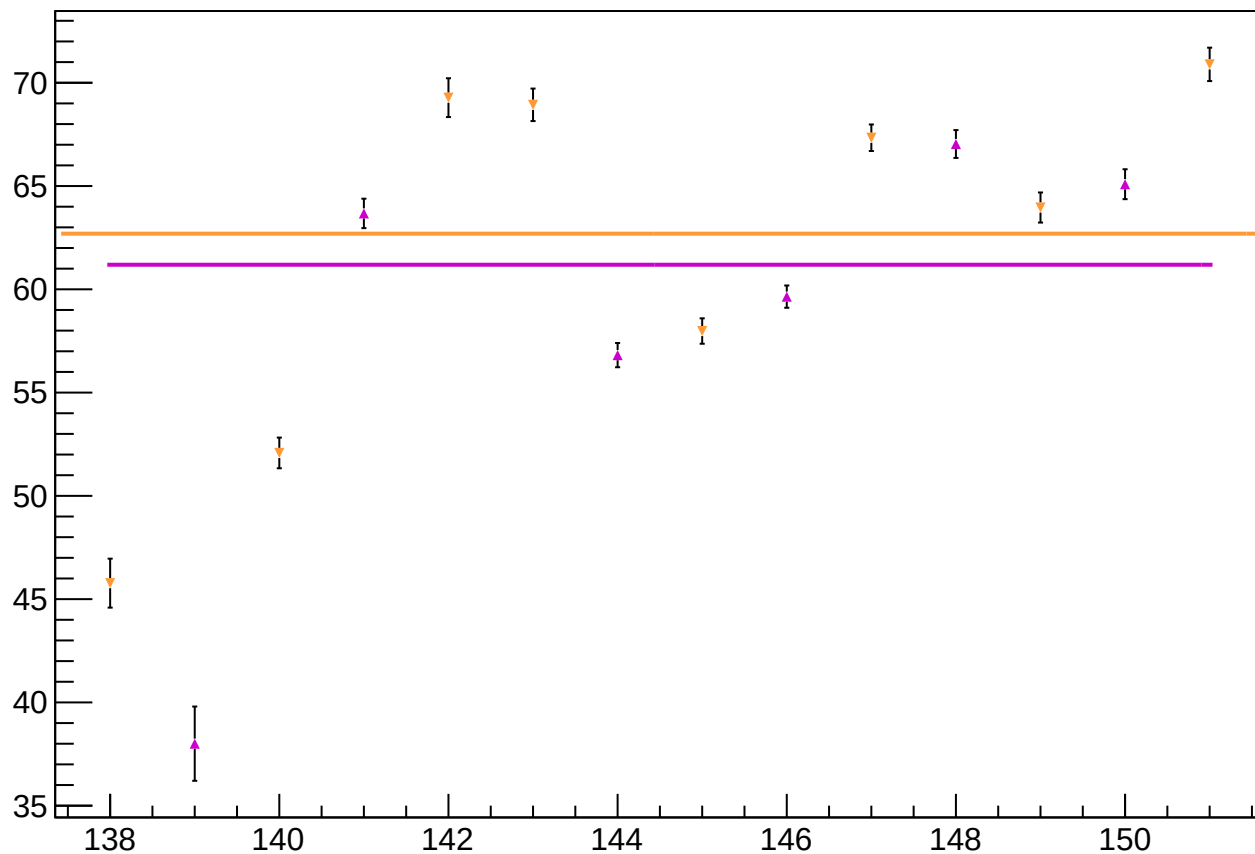
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -72.319 $\pm$ 0.340 χ^2 /NDF:1044.9/5

Out: -72.780 $\pm$ 0.327 χ^2 /NDF:1206.5/7

All: -72.558 $\pm$ 0.236 χ^2 /NDF: 2252.4/13

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: 61.190+/-0.280 χ^2/NDF :346.6/5

Left: 61.971+/-0.194 χ^2/NDF : 1098.2/13

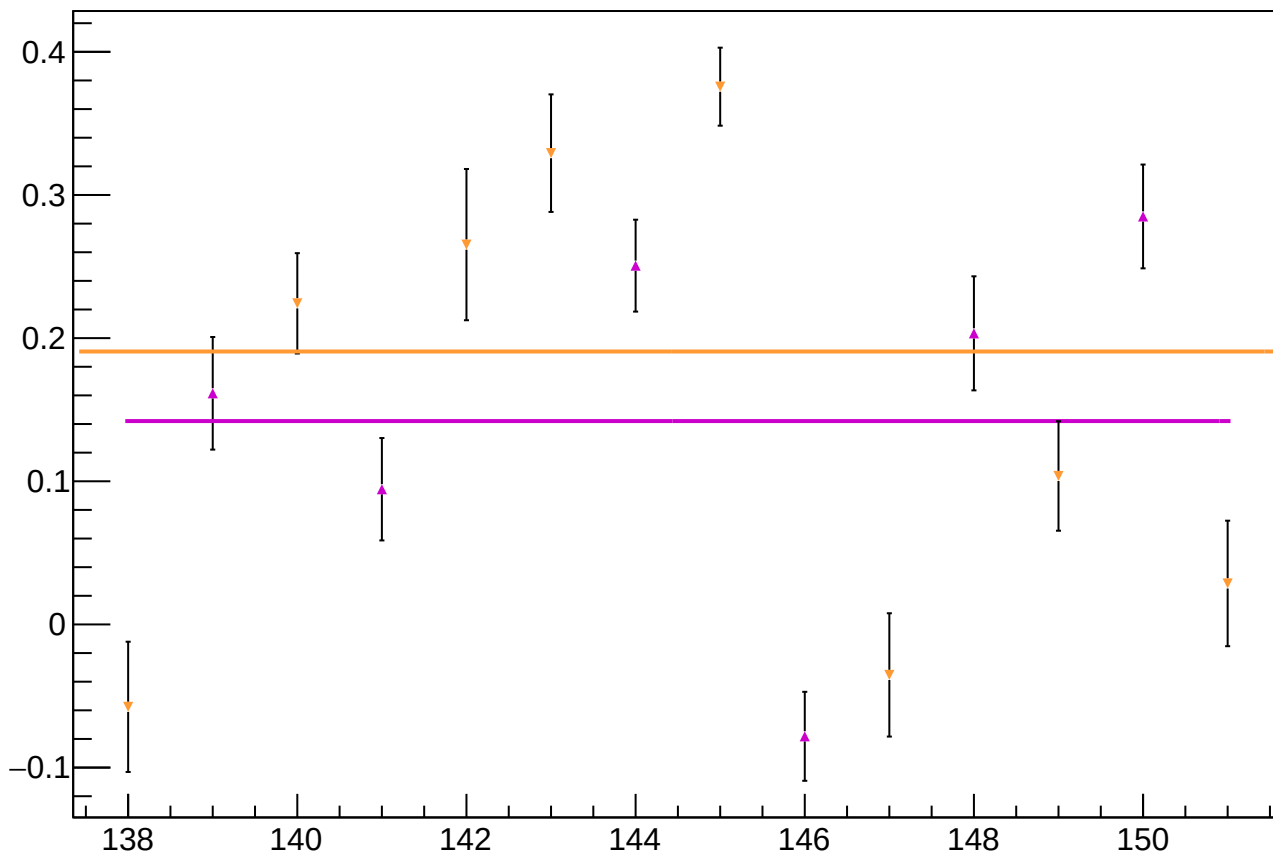
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.190+/-0.280 χ^2/NDF :346.6/5

Out: 62.694+/-0.270 χ^2/NDF :736.7/7

All: 61.971+/-0.194 χ^2/NDF : 1098.2/13

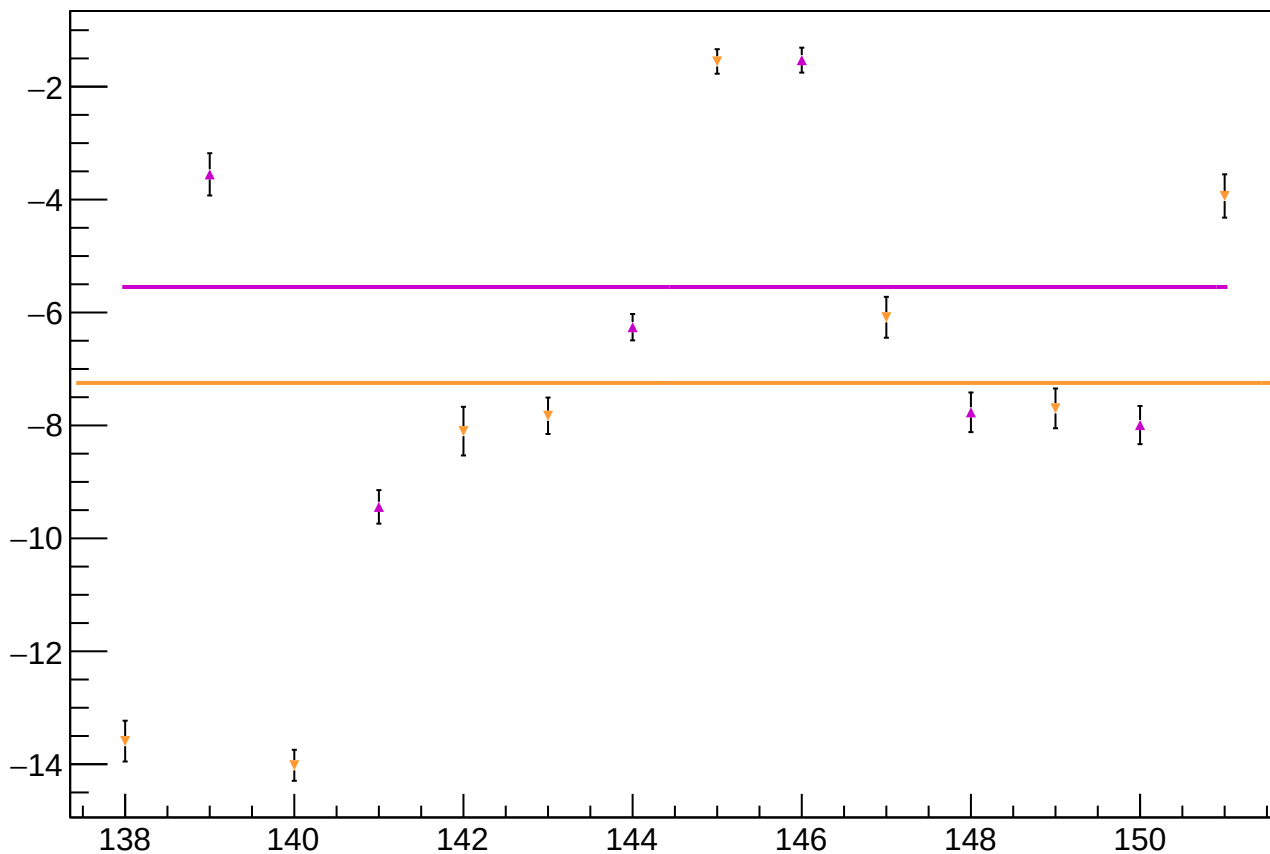
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.191 $\pm$ 0.014 χ^2 /NDF:136.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.142 $\pm$ 0.014 χ^2 /NDF:81.6/5

Left: 0.168 $\pm$ 0.010 χ^2 /NDF: 224.1/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.142 $\pm$ 0.014 χ^2 /NDF:81.6/5
 Out: 0.191 $\pm$ 0.014 χ^2 /NDF:136.5/7
 All: 0.168 $\pm$ 0.010 χ^2 /NDF: 224.1/13

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: -5.548+/-0.116 χ^2/NDF :632.8/5

Left: -6.428+/-0.081 χ^2/NDF : 2441.5/13

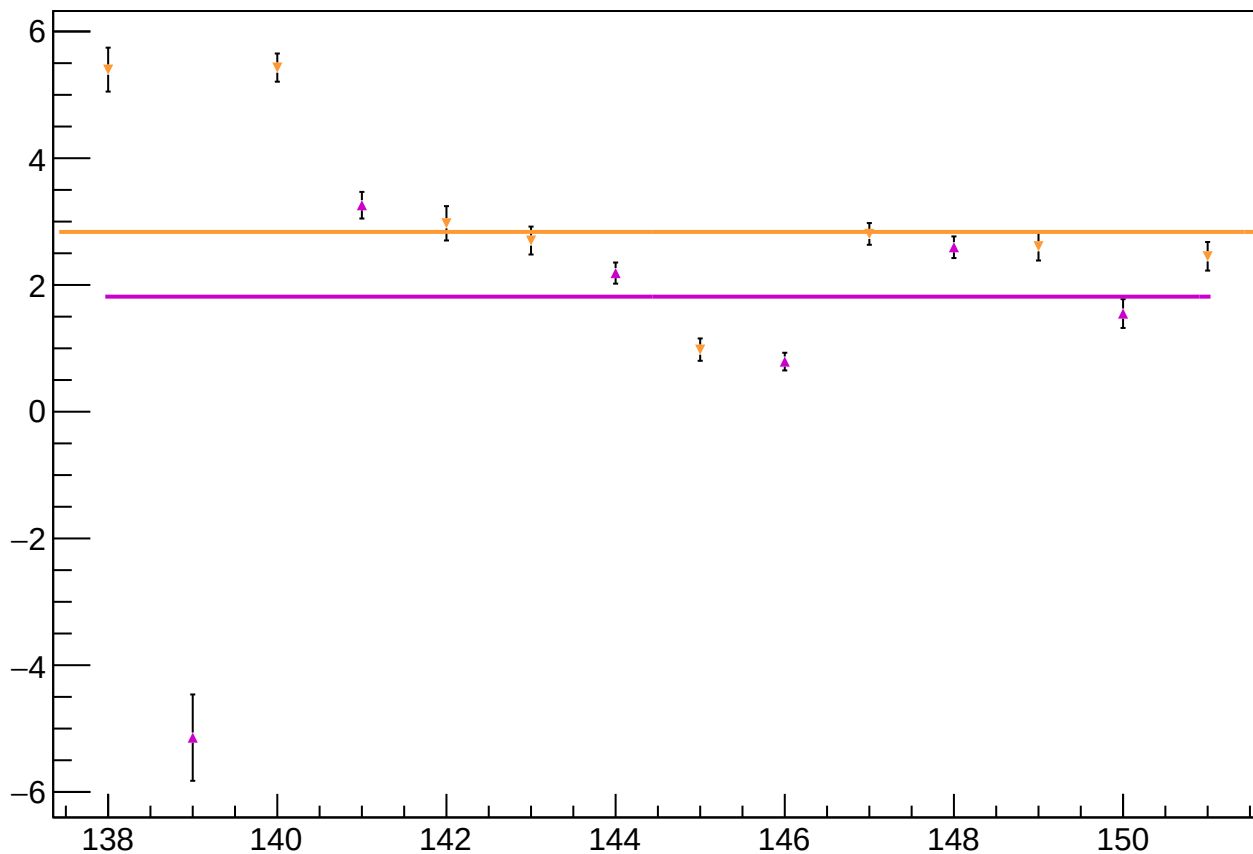
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.548+/-0.116 χ^2/NDF :632.8/5

Out: -7.247+/-0.112 χ^2/NDF :1697.9/7

All: -6.428+/-0.081 χ^2/NDF : 2441.5/13

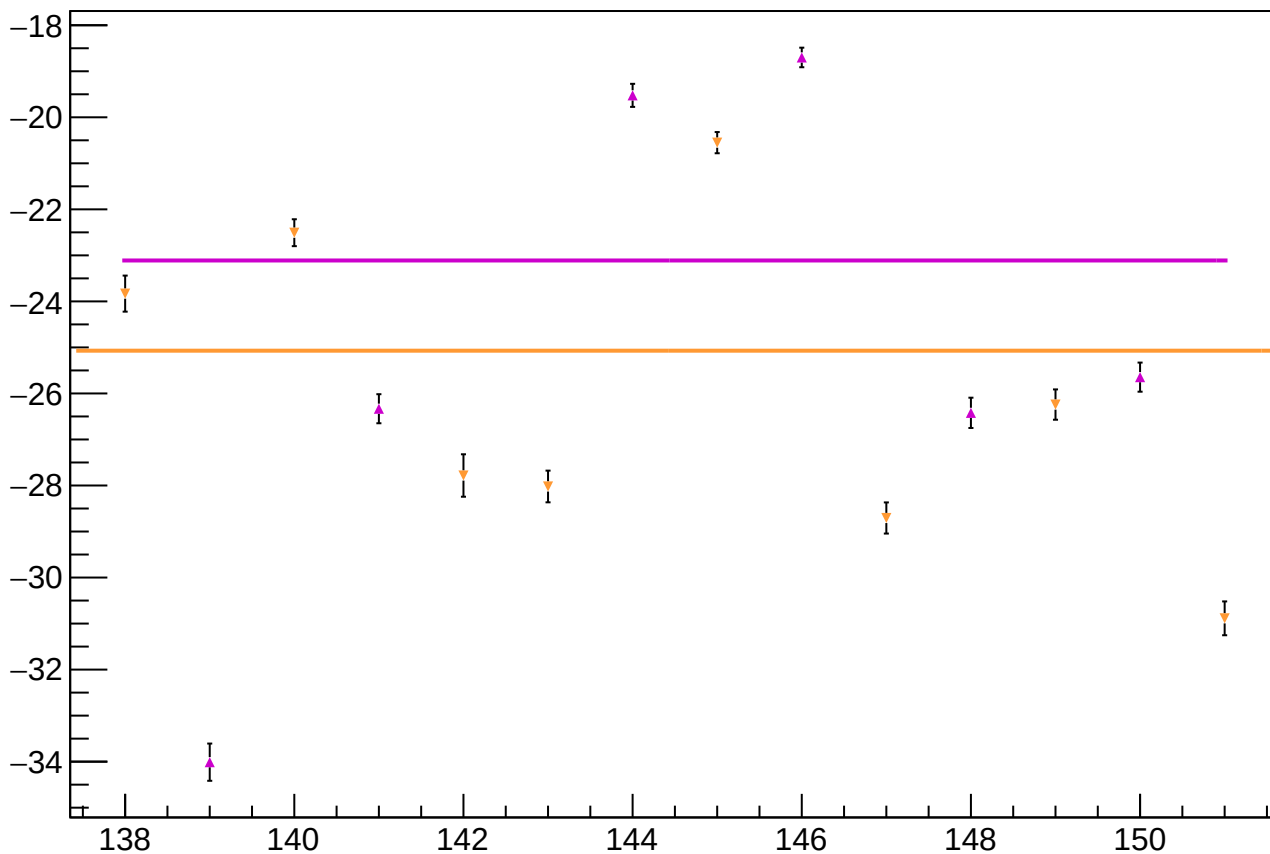
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 1.816+/-0.078 χ^2/NDF :232.6/5

Left: 2.330+/-0.055 χ^2/NDF : 625.9/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.816+/-0.078 χ^2/NDF :232.6/5
 Out: 2.837+/-0.077 χ^2/NDF :306.2/7
 All: 2.330+/-0.055 χ^2/NDF : 625.9/13

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: -23.111+/-0.117 χ^2/NDF :1631.5/5

Left: -24.105+/-0.082 χ^2/NDF : 2732.9/13

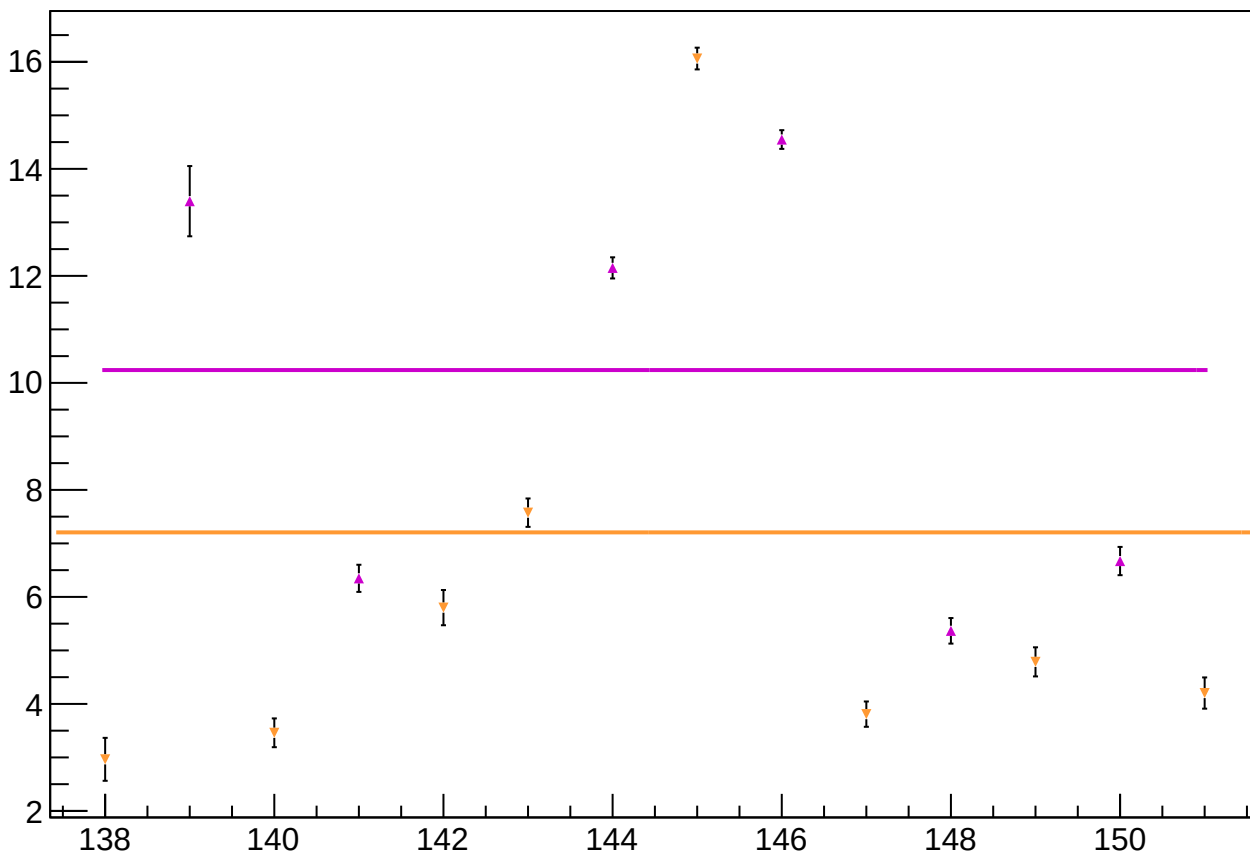
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.111+/-0.117 χ^2/NDF :1631.5/5

Out: -25.071+/-0.115 χ^2/NDF :958.3/7

All: -24.105+/-0.082 χ^2/NDF : 2732.9/13

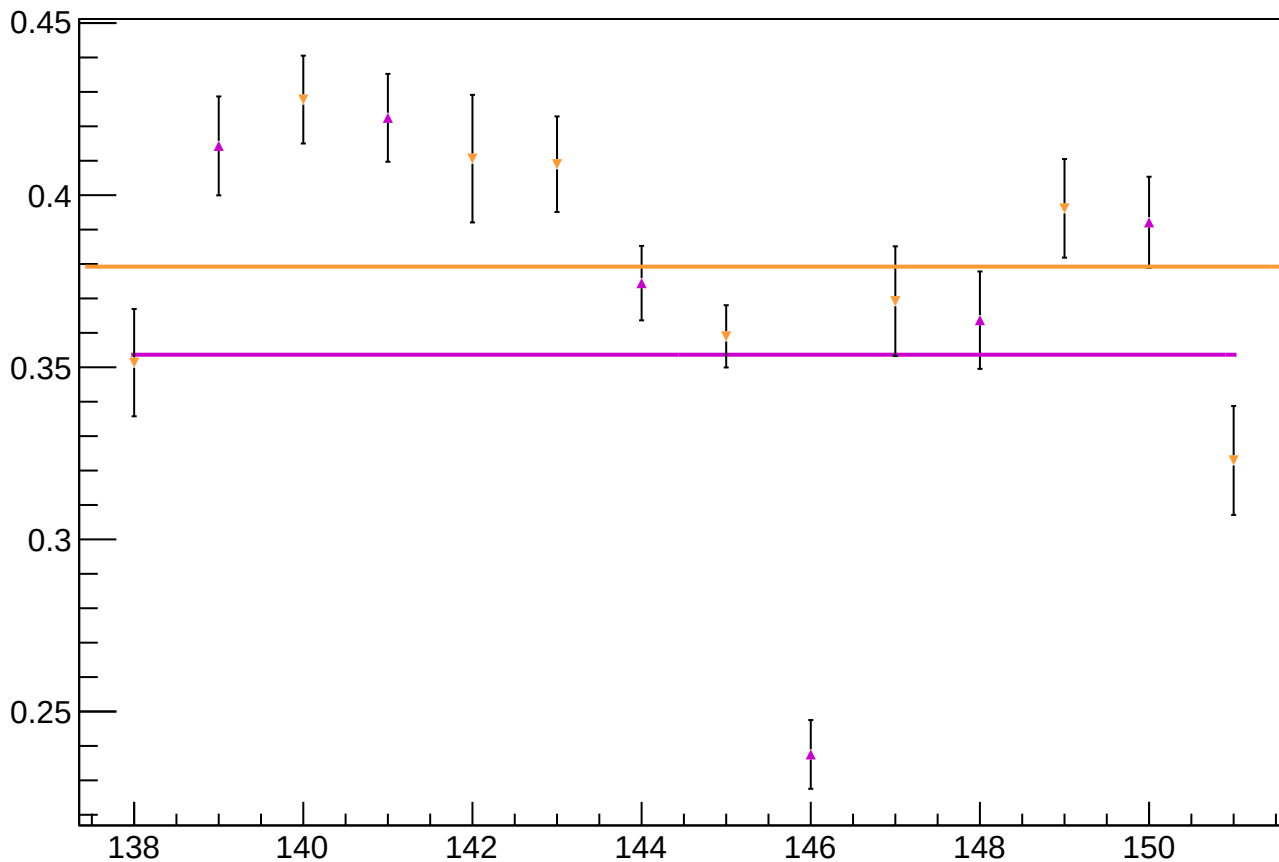
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 10.240+/-0.096 χ^2/NDF :1557.6/5

Left: 8.704+/-0.068 χ^2/NDF : 4677.0/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.240+/-0.096 χ^2/NDF :1557.6/5
 Out: 7.206+/-0.095 χ^2/NDF :2616.0/7
 All: 8.704+/-0.068 χ^2/NDF : 4677.0/13

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: 0.354+/-0.005 χ^2/NDF :194.7/5

Left: 0.367+/-0.003 χ^2/NDF : 253.0/13

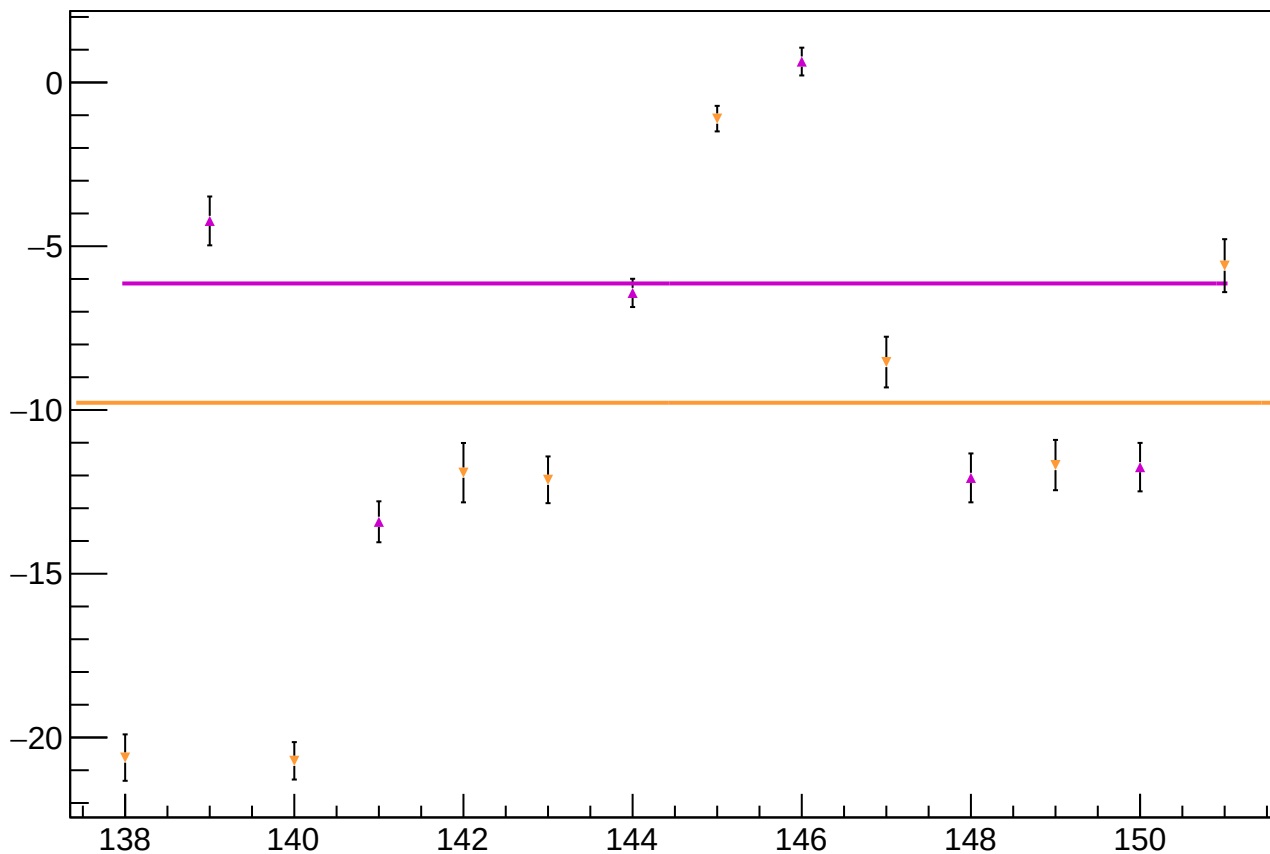
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.354+/-0.005 χ^2/NDF :194.7/5

Out: 0.379+/-0.005 χ^2/NDF :44.6/7

All: 0.367+/-0.003 χ^2/NDF : 253.0/13

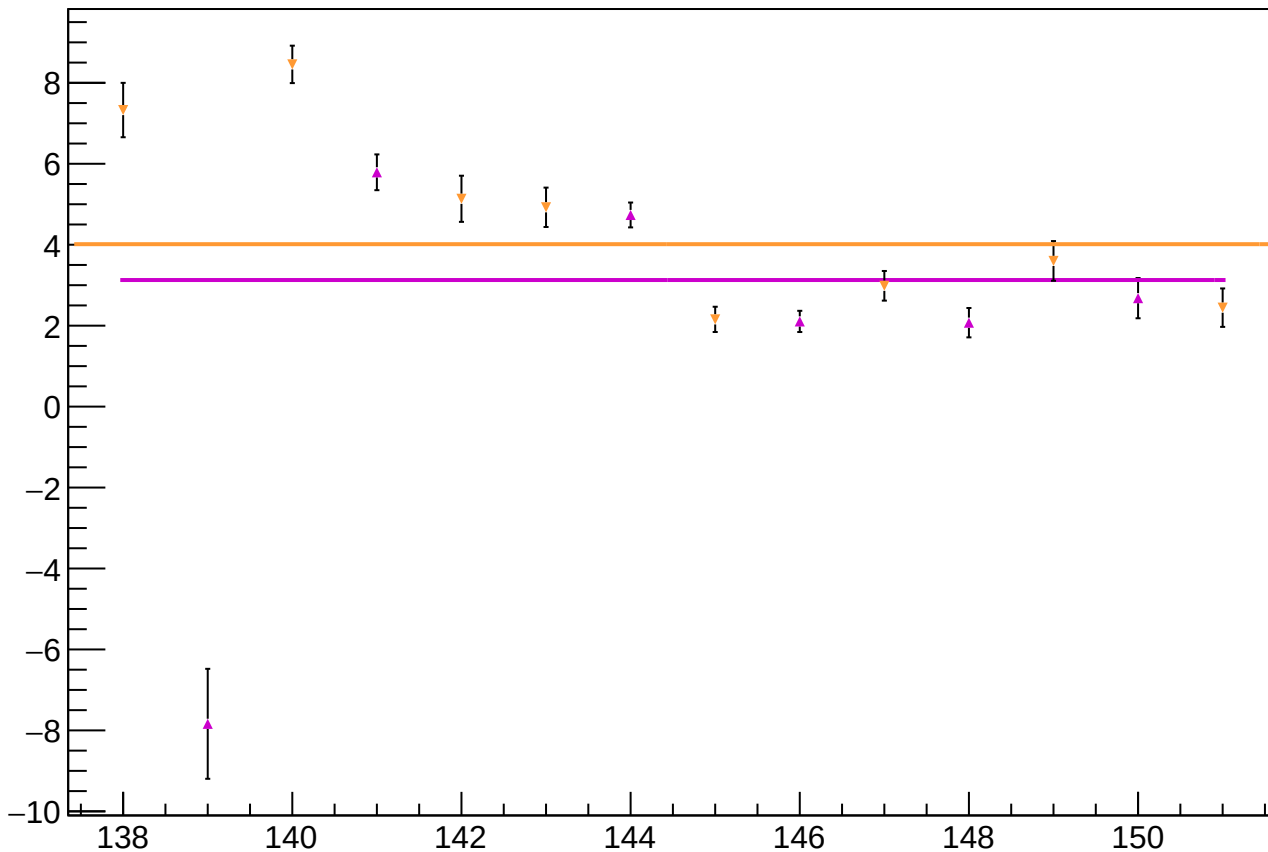
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -6.137+/-0.230 χ^2/NDF :518.4/5

Left: -7.996+/-0.161 χ^2/NDF : 1792.8/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.137+/-0.230 χ^2/NDF :518.4/5
 Out: -9.779+/-0.225 χ^2/NDF :1146.4/7
 All: -7.996+/-0.161 χ^2/NDF : 1792.8/13

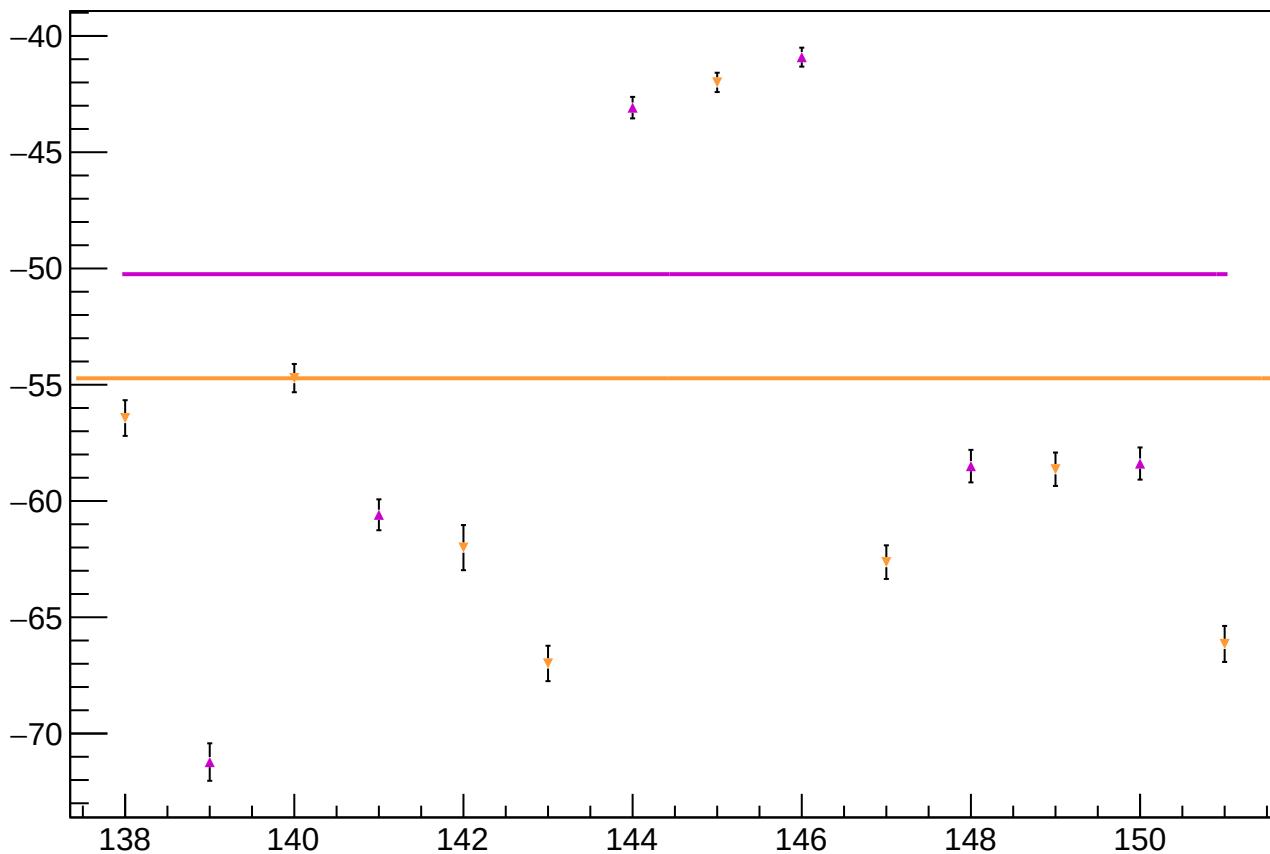
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 3.128+/-0.153 χ^2/NDF :153.3/5

Left: 3.560+/-0.110 χ^2/NDF : 348.5/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.128+/-0.153 χ^2/NDF :153.3/5
 Out: 4.013+/-0.157 χ^2/NDF :179.0/7
 All: 3.560+/-0.110 χ^2/NDF : 348.5/13

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: -50.245+/-0.232 χ^2/NDF :1961.7/5

Left: -52.476+/-0.164 χ^2/NDF : 3772.0/13

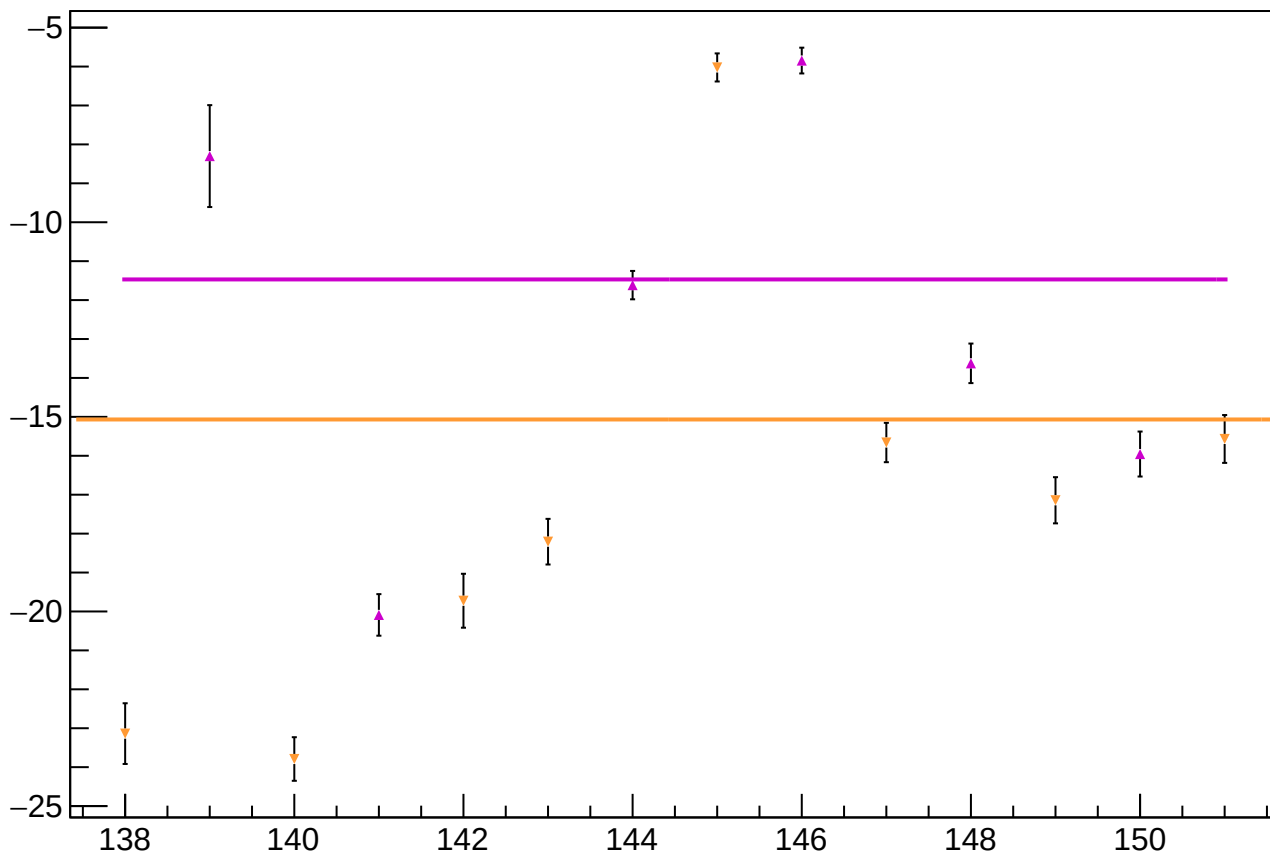
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.245+/-0.232 χ^2/NDF :1961.7/5

Out: -54.723+/-0.233 χ^2/NDF :1624.2/7

All: -52.476+/-0.164 χ^2/NDF : 3772.0/13

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: -11.469+/-0.190 χ^2/NDF :633.3/5

Left: -13.245+/-0.135 χ^2/NDF : 1875.7/13

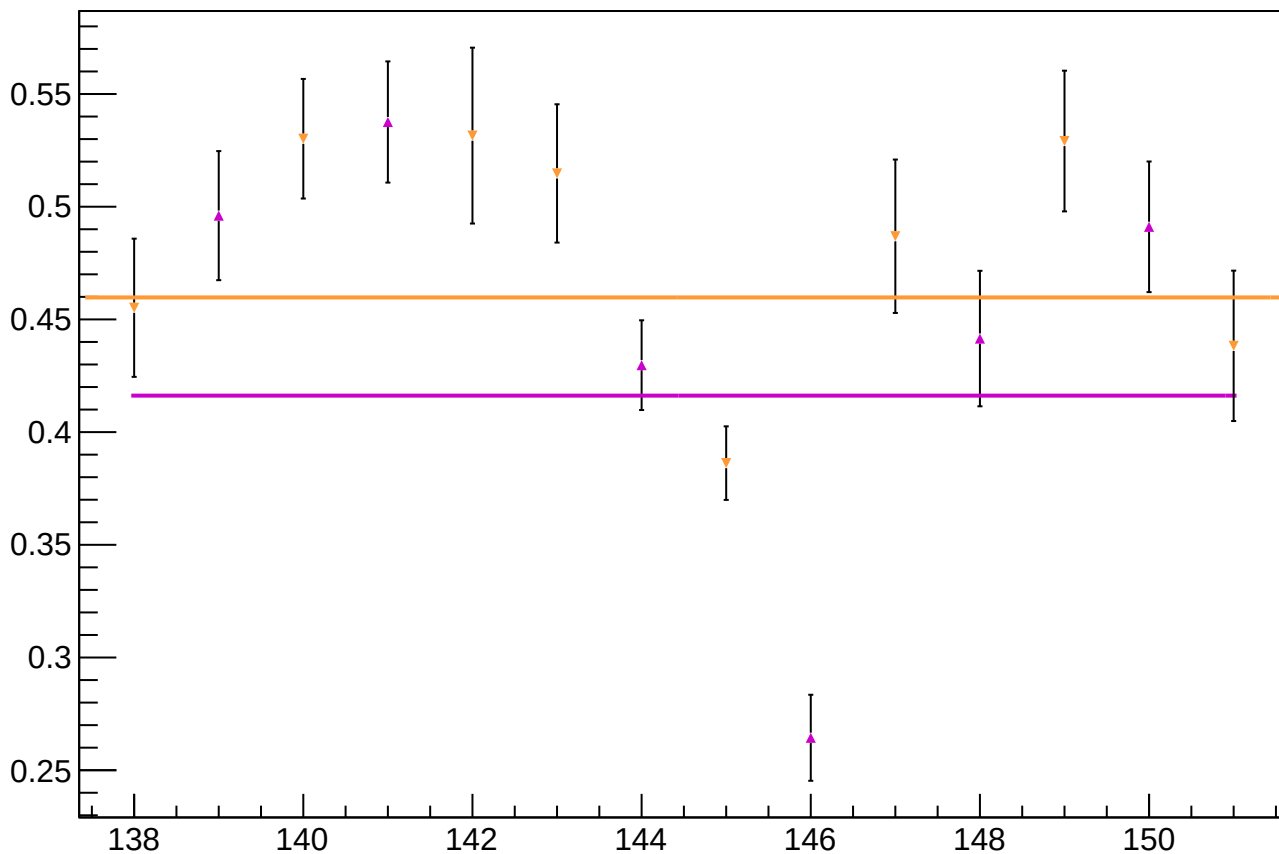
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.469+/-0.190 χ^2/NDF :633.3/5

Out: -15.067+/-0.193 χ^2/NDF :1066.1/7

All: -13.245+/-0.135 χ^2/NDF : 1875.7/13

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: 0.416+/-0.010 χ^2/NDF :99.3/5

Left: 0.439+/-0.007 χ^2/NDF : 149.2/13

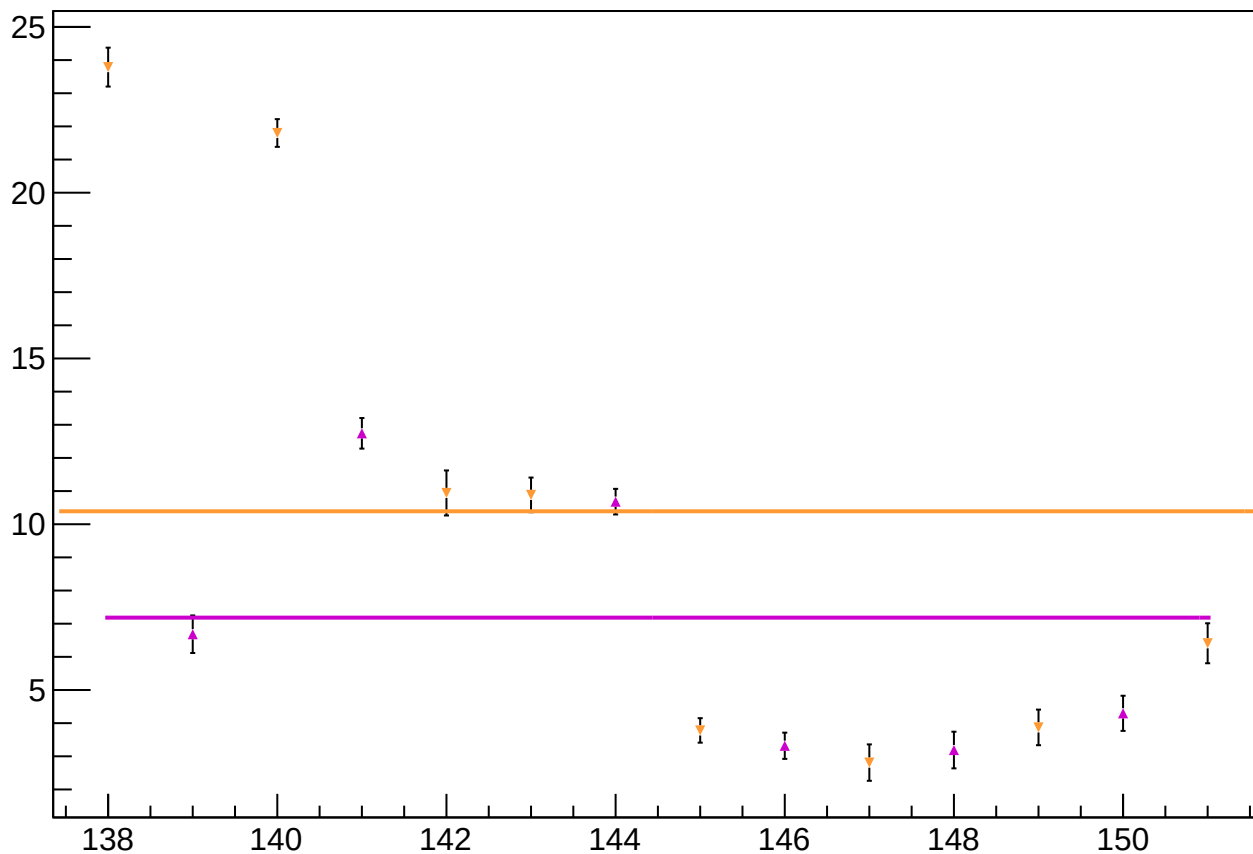
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.416+/-0.010 χ^2/NDF :99.3/5

Out: 0.460+/-0.010 χ^2/NDF :40.0/7

All: 0.439+/-0.007 χ^2/NDF : 149.2/13

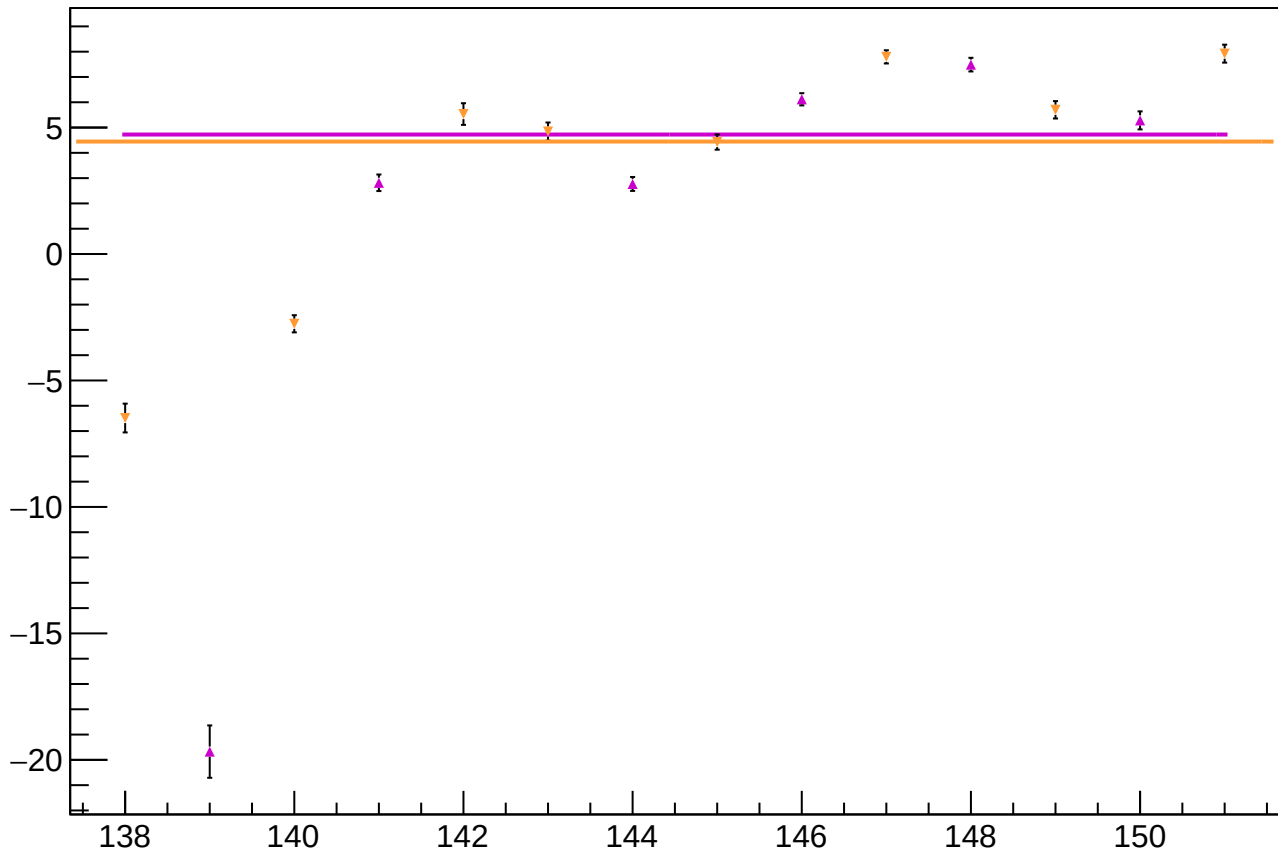
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 7.183+/-0.190 χ^2/NDF :405.5/5

Left: 8.884+/-0.130 χ^2/NDF : 2525.7/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.183+/-0.190 χ^2/NDF :405.5/5
 Out: 10.391+/-0.179 χ^2/NDF :1968.8/7
 All: 8.884+/-0.130 χ^2/NDF : 2525.7/13

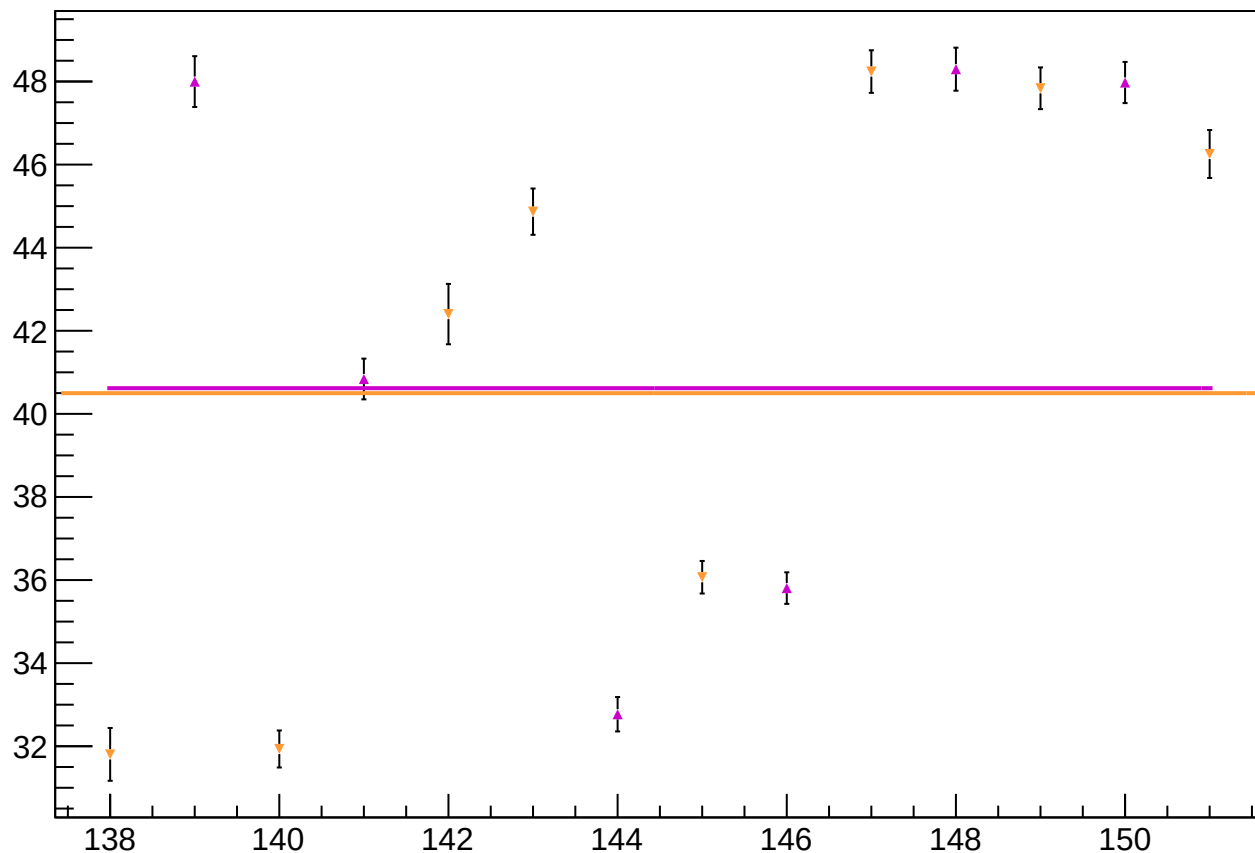
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 4.724+/-0.127 χ^2/NDF :780.8/5

Left: 4.580+/-0.088 χ^2/NDF : 1884.2/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.724+/-0.127 χ^2/NDF :780.8/5
 Out: 4.447+/-0.122 χ^2/NDF :1101.0/7
 All: 4.580+/-0.088 χ^2/NDF : 1884.2/13

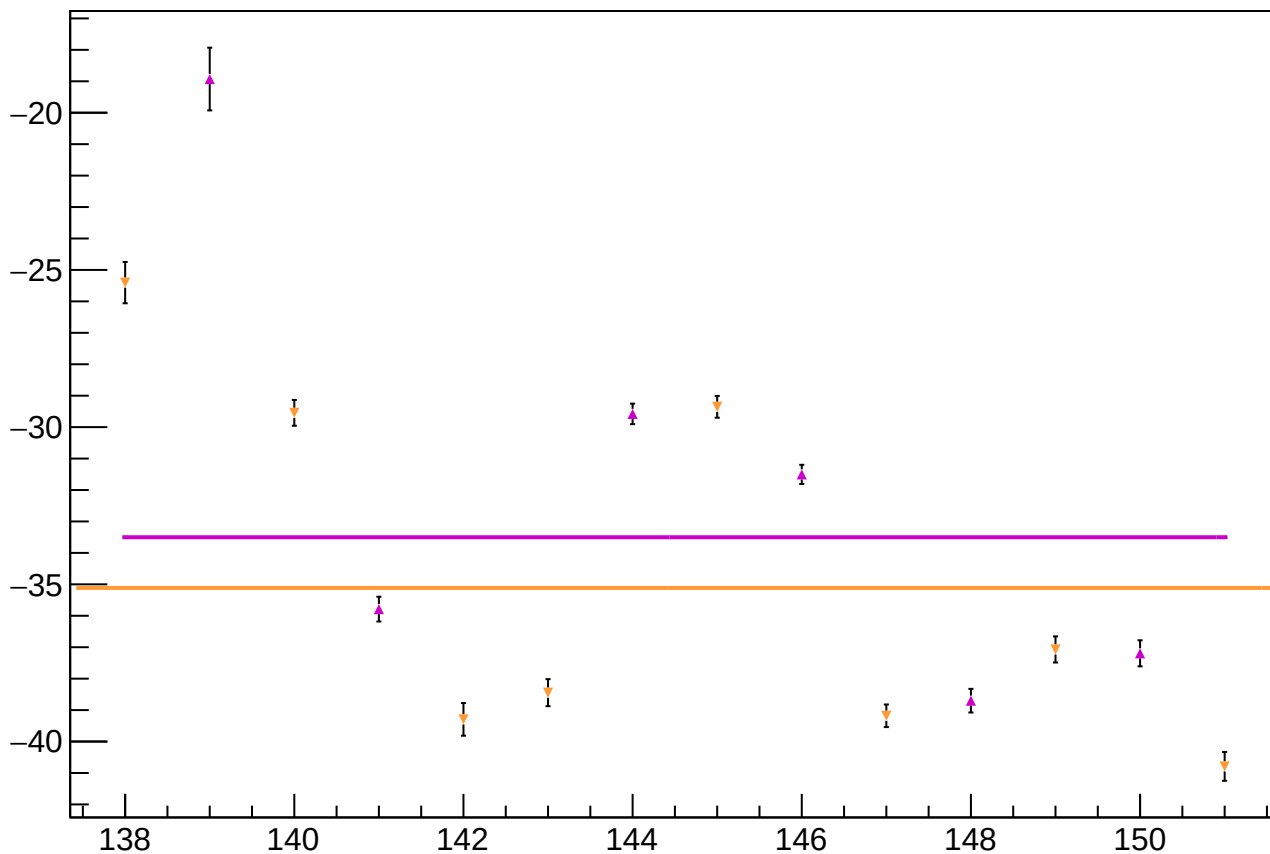
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 40.618 $\pm$ 0.191 χ^2 /NDF:1106.2/5

Left: 40.556 $\pm$ 0.132 χ^2 /NDF: 2400.5/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 40.618 $\pm$ 0.191 χ^2 /NDF:1106.2/5
 Out: 40.499 $\pm$ 0.183 χ^2 /NDF:1294.1/7
 All: 40.556 $\pm$ 0.132 χ^2 /NDF: 2400.5/13

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



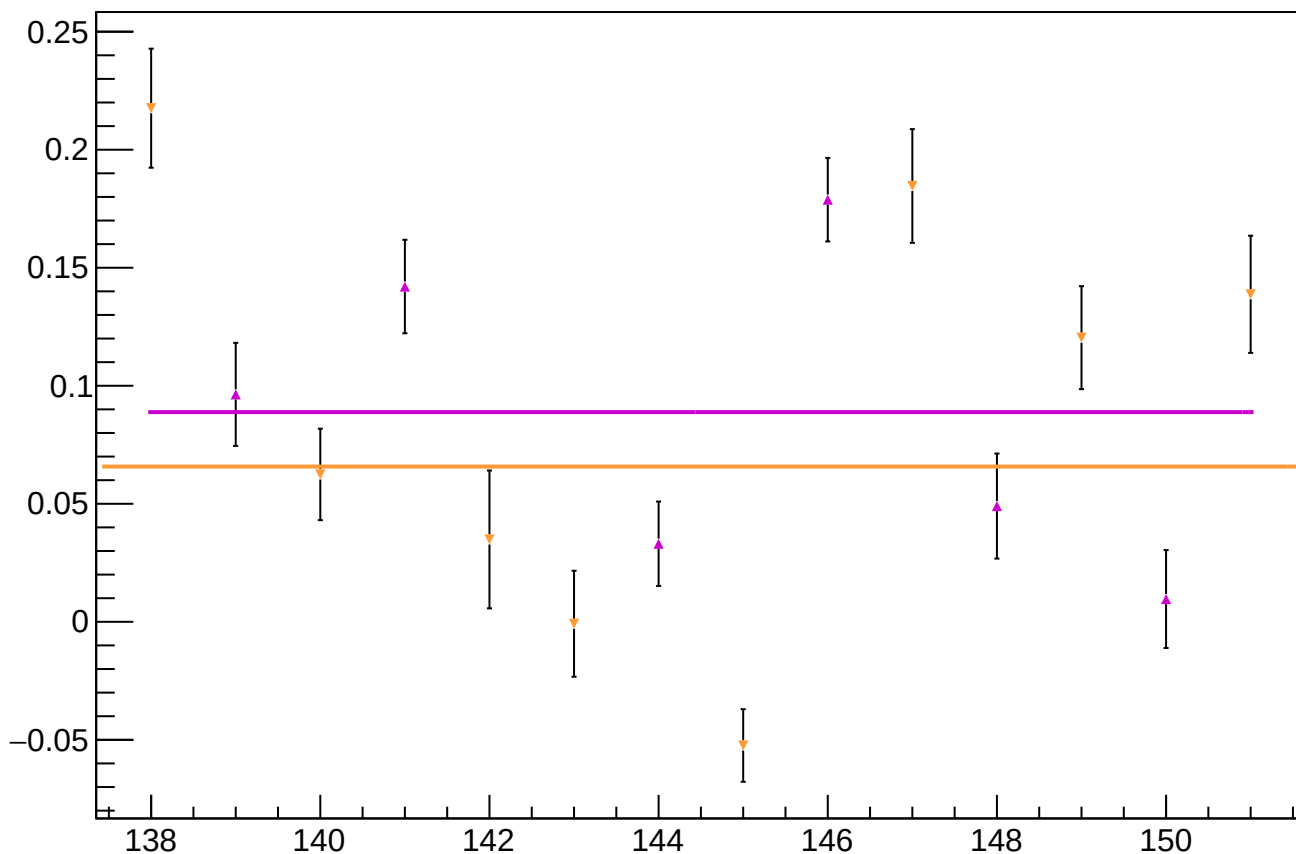
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.114+/-0.151 χ^2/NDF :1108.1/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.502+/-0.157 χ^2/NDF :704.5/5

Left: -34.342+/-0.109 χ^2/NDF : 1867.3/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.502+/-0.157 χ^2/NDF :704.5/5
 Out: -35.114+/-0.151 χ^2/NDF :1108.1/7

All: -34.342+/-0.109 χ^2/NDF : 1867.3/13

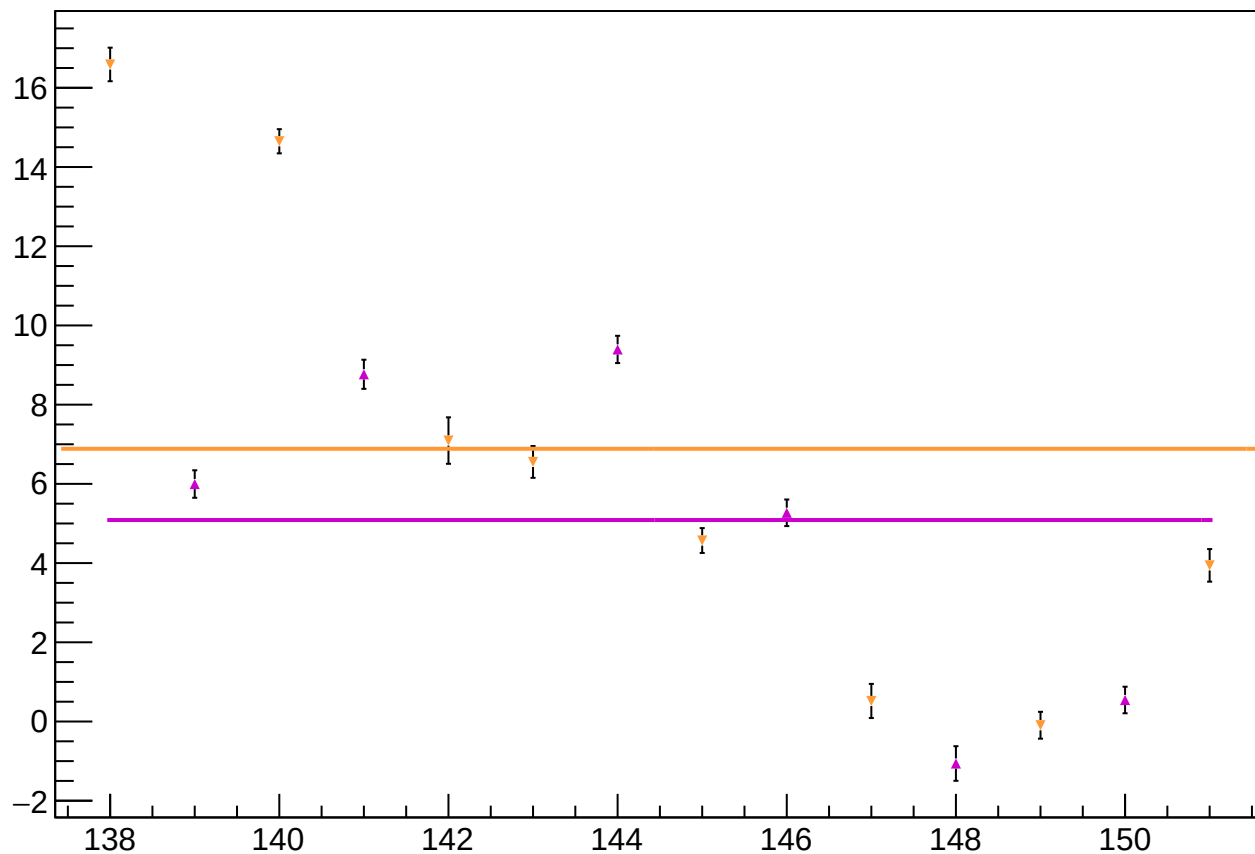
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.066+/-0.008 χ^2/NDF :144.5/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.089+/-0.008 χ^2/NDF :60.7/5

Left: 0.077+/-0.006 χ^2/NDF : 209.5/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.089+/-0.008 χ^2/NDF :60.7/5
 Out: 0.066+/-0.008 χ^2/NDF :144.5/7
 All: 0.077+/-0.006 χ^2/NDF : 209.5/13

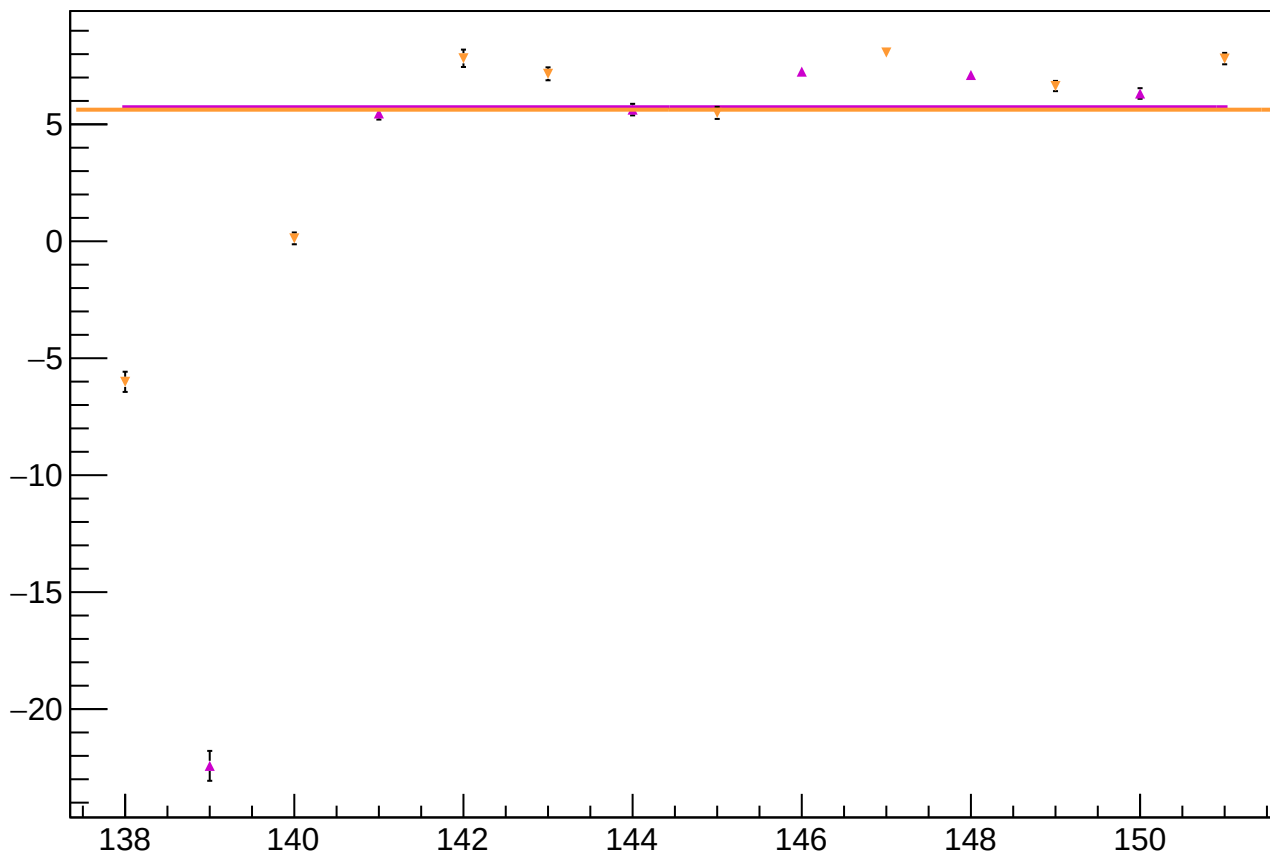
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.886+/-0.134 χ^2/NDF :1919.8/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.087+/-0.146 χ^2/NDF :645.8/5

Left: 6.060+/-0.099 χ^2/NDF : 2648.2/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.087+/-0.146 χ^2/NDF :645.8/5
 Out: 6.886+/-0.134 χ^2/NDF :1919.8/7
 All: 6.060+/-0.099 χ^2/NDF : 2648.2/13

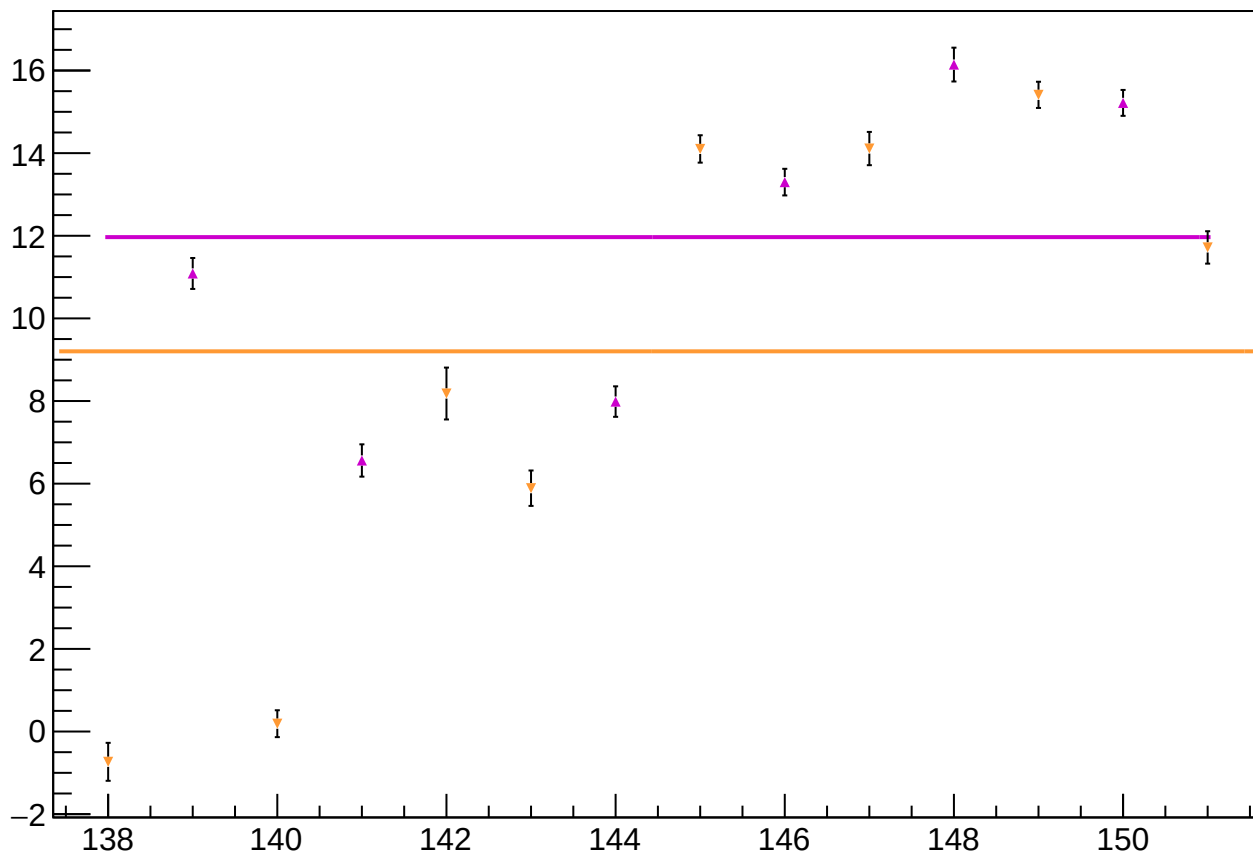
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 5.730 $\pm$ 0.102 χ^2 /NDF:2041.5/5

Left: 5.673 $\pm$ 0.068 χ^2 /NDF: 3549.5/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.730 $\pm$ 0.102 χ^2 /NDF:2041.5/5
 Out: 5.626 $\pm$ 0.092 χ^2 /NDF:1507.4/7
 All: 5.673 $\pm$ 0.068 χ^2 /NDF: 3549.5/13

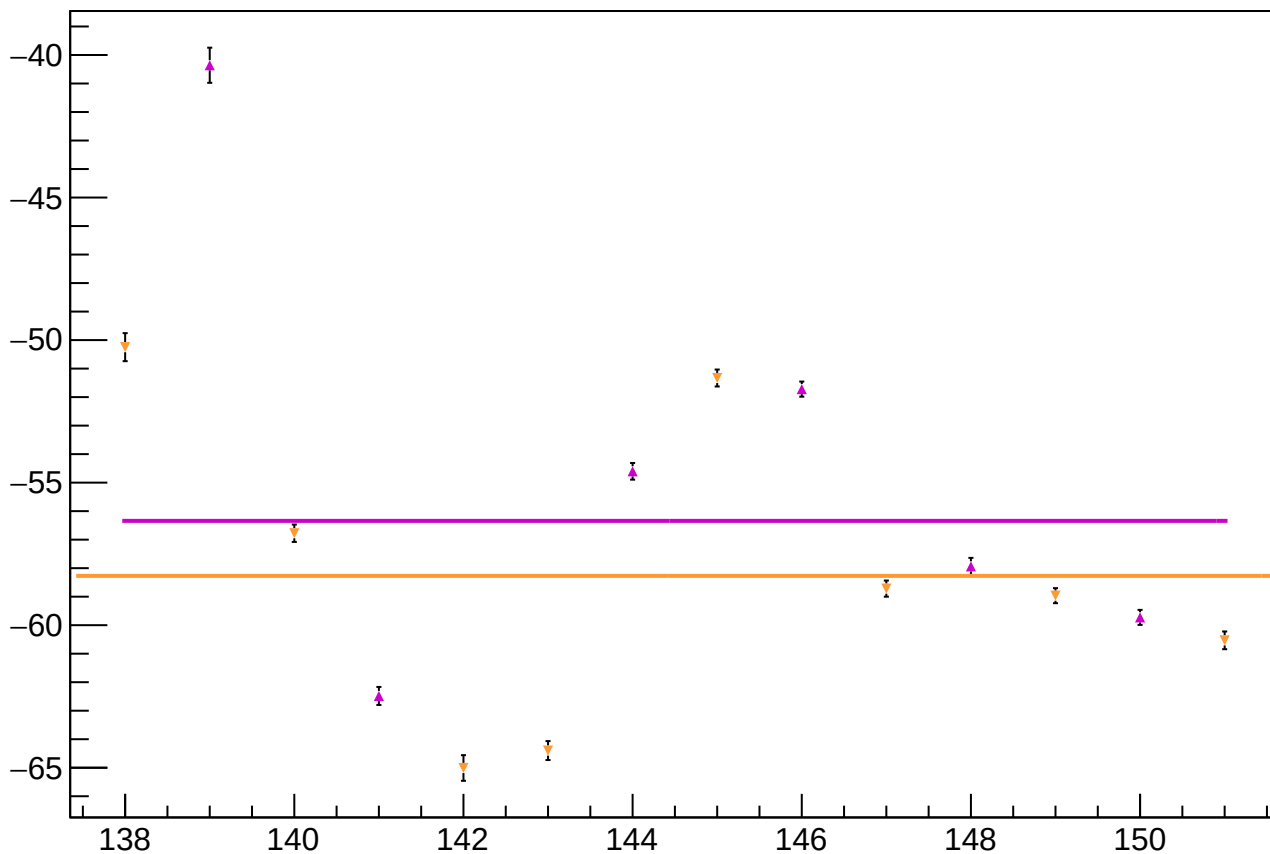
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.203+/-0.136 χ^2/NDF :2089.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.967+/-0.146 χ^2/NDF :541.6/5

Left: 10.488+/-0.100 χ^2/NDF : 2822.0/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.967+/-0.146 χ^2/NDF :541.6/5
 Out: 9.203+/-0.136 χ^2/NDF :2089.0/7
 All: 10.488+/-0.100 χ^2/NDF : 2822.0/13

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: -56.341+/-0.125 χ^2/NDF :1583.9/5

Left: -57.395+/-0.084 χ^2/NDF : 3178.1/13

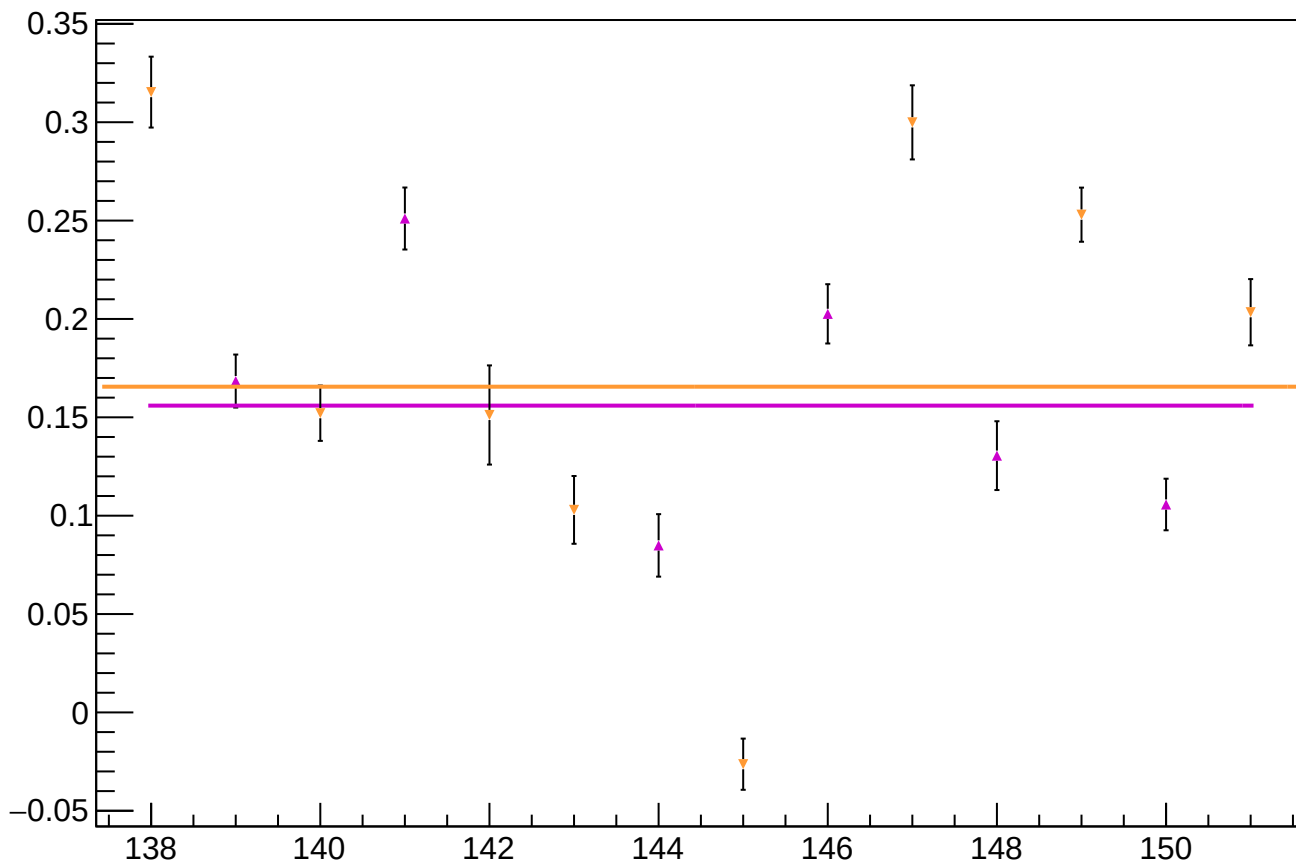
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.341+/-0.125 χ^2/NDF :1583.9/5

Out: -58.270+/-0.114 χ^2/NDF :1463.5/7

All: -57.395+/-0.084 χ^2/NDF : 3178.1/13

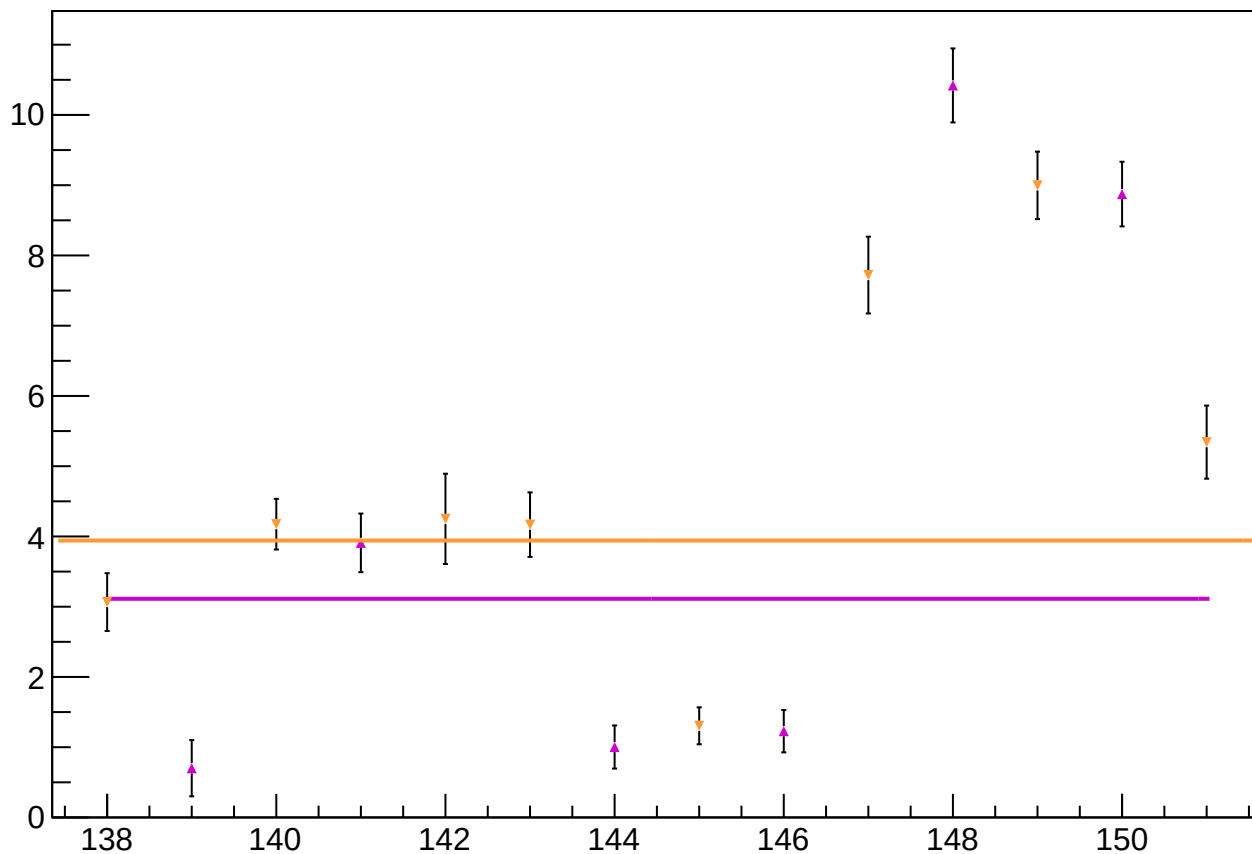
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.156 $\pm$ 0.006 χ^2 /NDF:83.7/5

Left: 0.161 $\pm$ 0.004 χ^2 /NDF: 482.4/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.156 $\pm$ 0.006 χ^2 /NDF:83.7/5
 Out: 0.166 $\pm$ 0.006 χ^2 /NDF:397.3/7
 All: 0.161 $\pm$ 0.004 χ^2 /NDF: 482.4/13

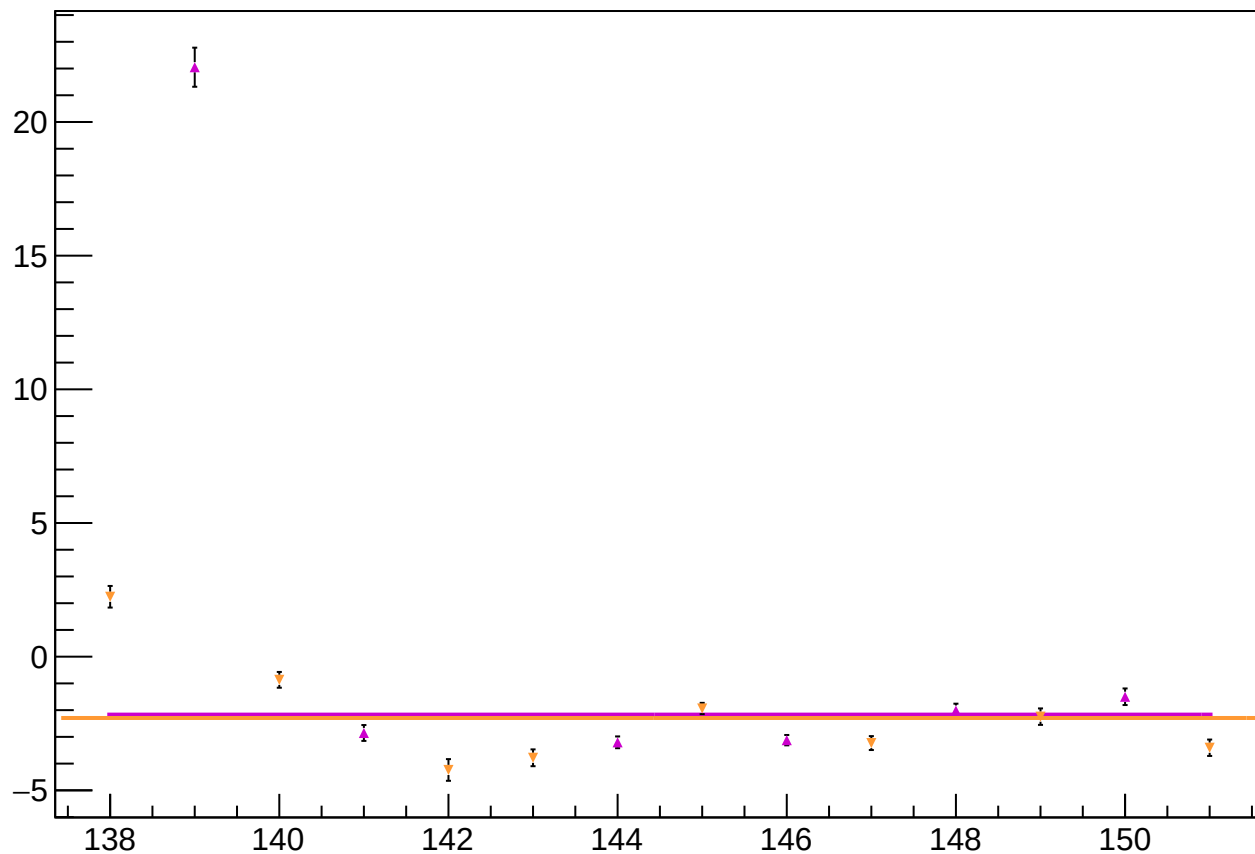
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.942 $\pm$ 0.146 χ^2 /NDF:271.7/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.113 $\pm$ 0.154 χ^2 /NDF:475.6/5

Left: 3.549 $\pm$ 0.106 χ^2 /NDF: 762.5/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.113 $\pm$ 0.154 χ^2 /NDF:475.6/5
 Out: 3.942 $\pm$ 0.146 χ^2 /NDF:271.7/7
 All: 3.549 $\pm$ 0.106 χ^2 /NDF: 762.5/13

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: -2.168+/-0.108 χ^2/NDF :1154.1/5

Left: -2.233+/-0.075 χ^2/NDF : 1378.5/13

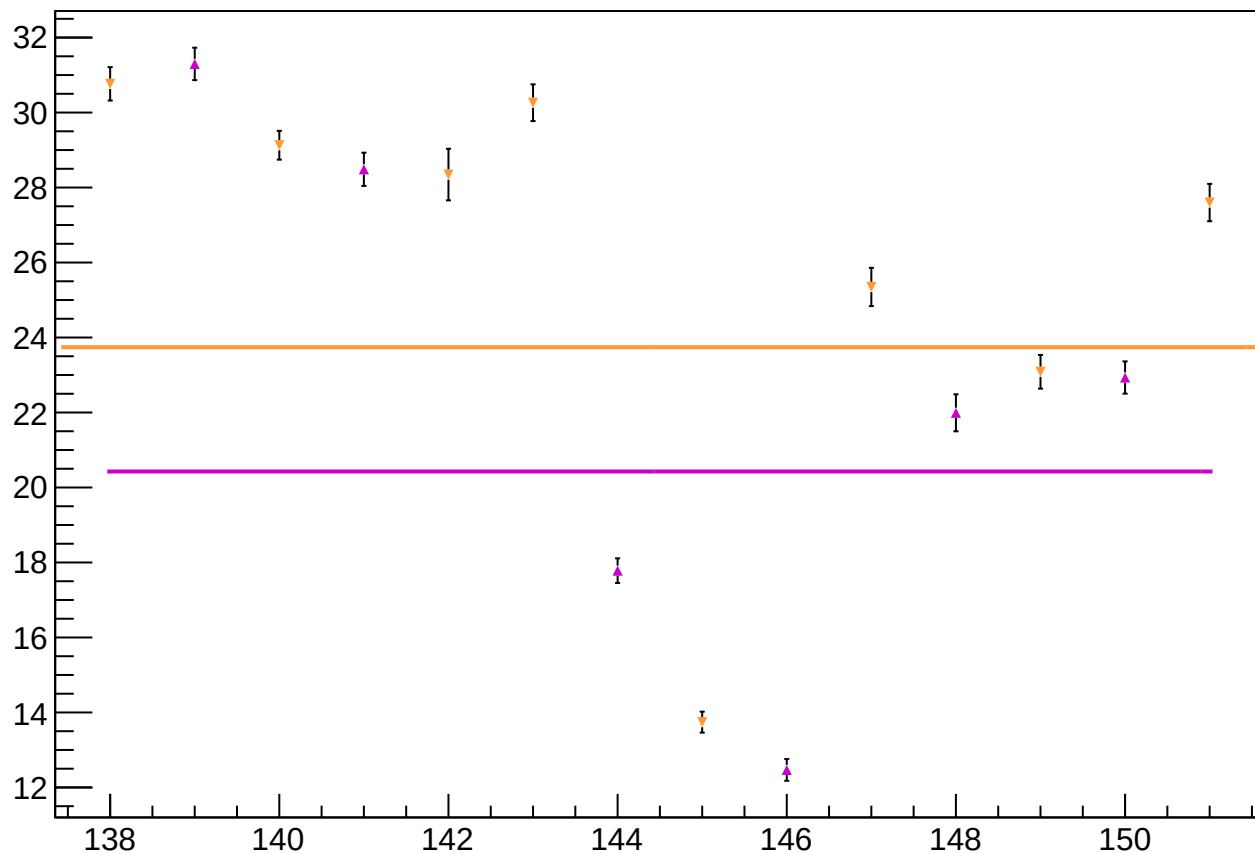
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.168+/-0.108 χ^2/NDF :1154.1/5

Out: -2.294+/-0.104 χ^2/NDF :223.7/7

All: -2.233+/-0.075 χ^2/NDF : 1378.5/13

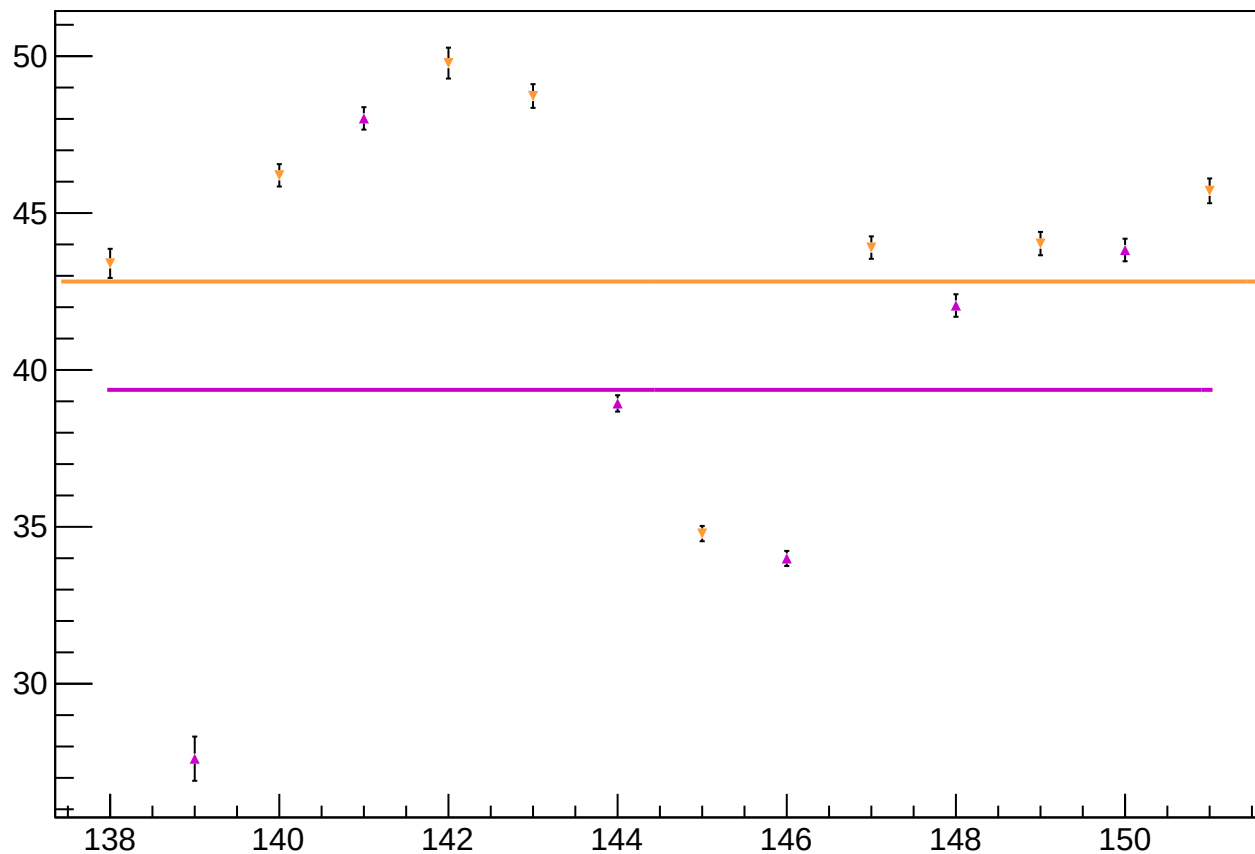
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 20.427+/-0.156 χ^2/NDF :1822.9/5

Left: 22.136+/-0.109 χ^2/NDF : 4066.9/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.427+/-0.156 χ^2/NDF :1822.9/5
 Out: 23.743+/-0.151 χ^2/NDF :2011.4/7
 All: 22.136+/-0.109 χ^2/NDF : 4066.9/13

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: 39.366+/-0.132 χ^2/NDF :1574.8/5

Left: 41.159+/-0.092 χ^2/NDF : 3622.8/13

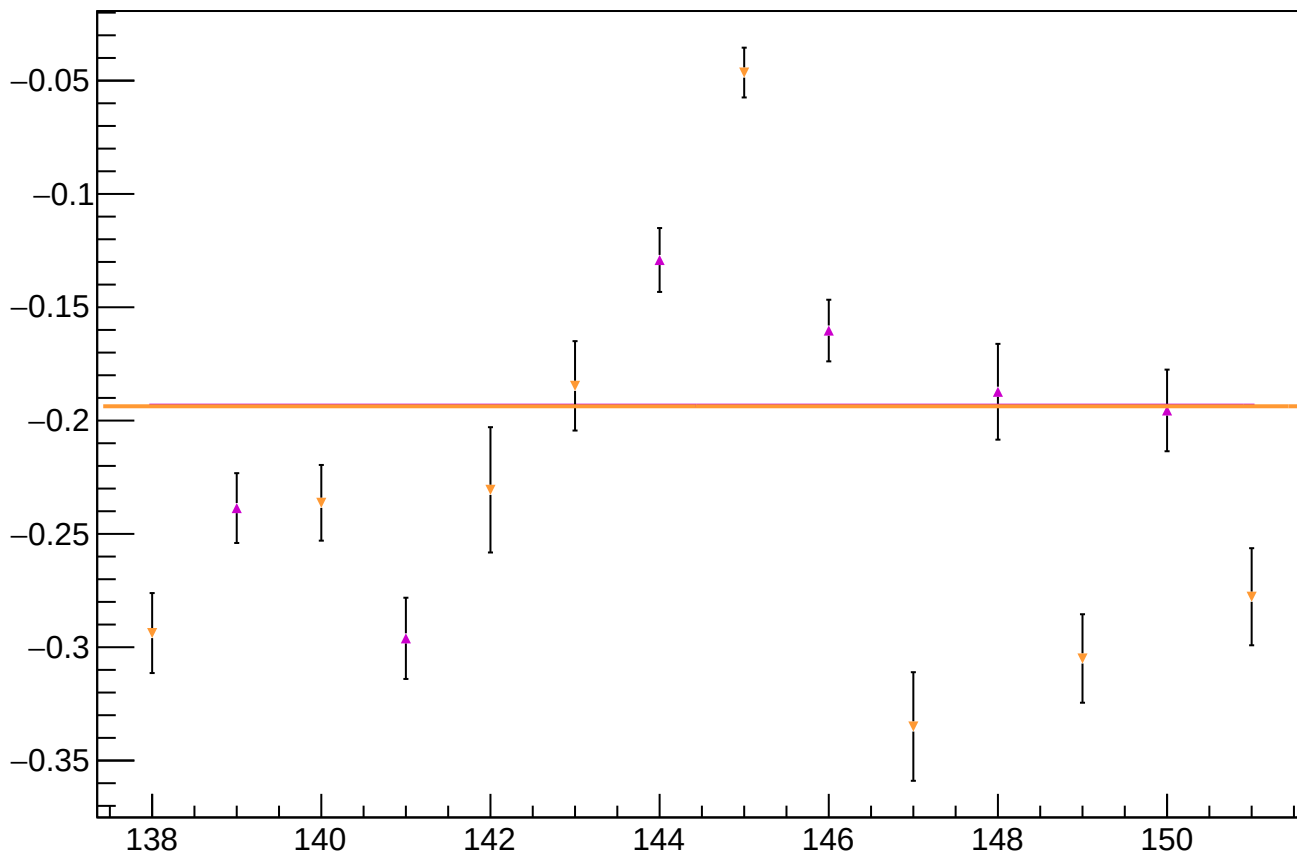
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.366+/-0.132 χ^2/NDF :1574.8/5

Out: 42.819+/-0.127 χ^2/NDF :1693.4/7

All: 41.159+/-0.092 χ^2/NDF : 3622.8/13

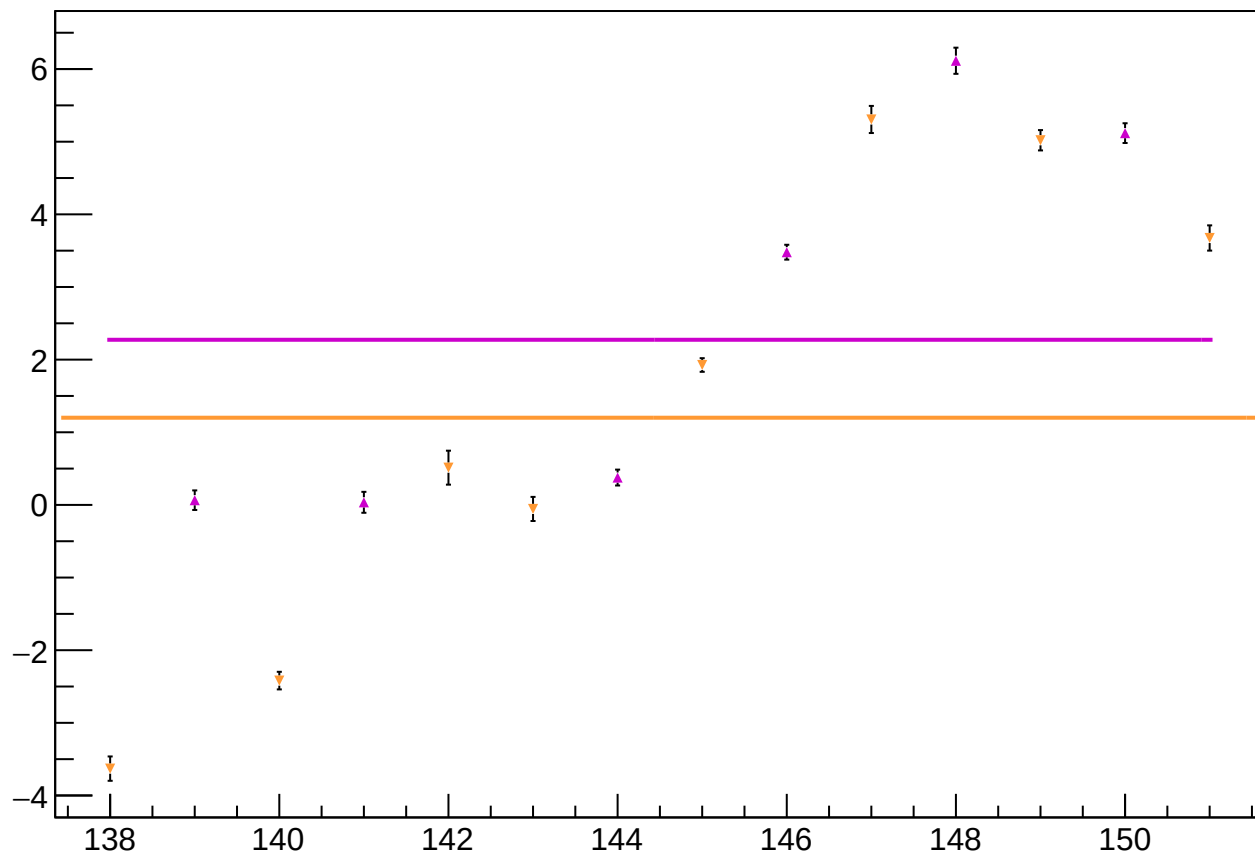
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.193+/-0.007 χ^2/NDF : 68.3/5

Left: -0.194+/-0.005 χ^2/NDF : 371.3/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.193+/-0.007 χ^2/NDF : 68.3/5
 Out: -0.194+/-0.006 χ^2/NDF : 303.0/7
 All: -0.194+/-0.005 χ^2/NDF : 371.3/13

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: 2.273+/-0.052 χ^2/NDF :1842.4/5

Left: 1.725+/-0.036 χ^2/NDF : 5340.0/13

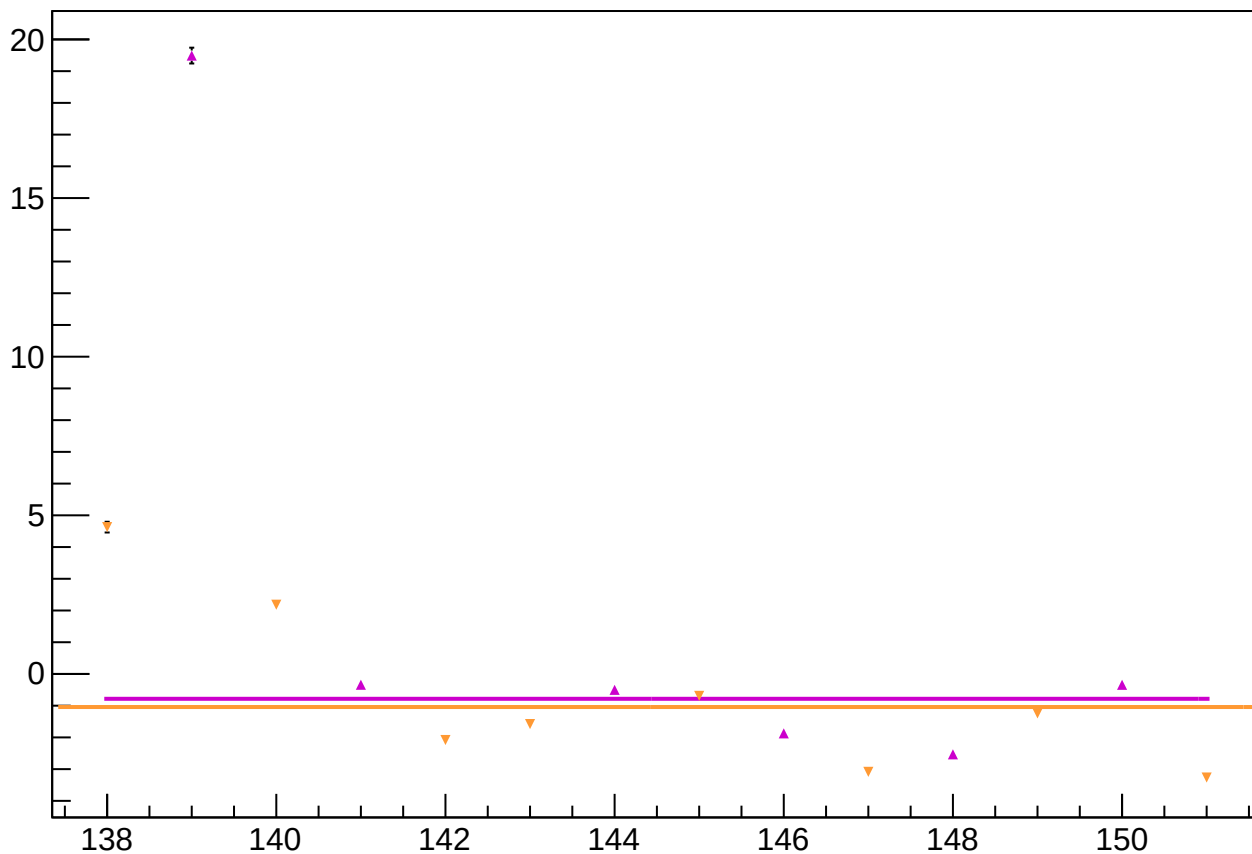
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.273+/-0.052 χ^2/NDF :1842.4/5

Out: 1.200+/-0.051 χ^2/NDF :3281.3/7

All: 1.725+/-0.036 χ^2/NDF : 5340.0/13

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: -0.783+/-0.037 χ^2/NDF : 7327.6/5

Left: -0.915+/-0.026 χ^2/NDF : 10600.4/13

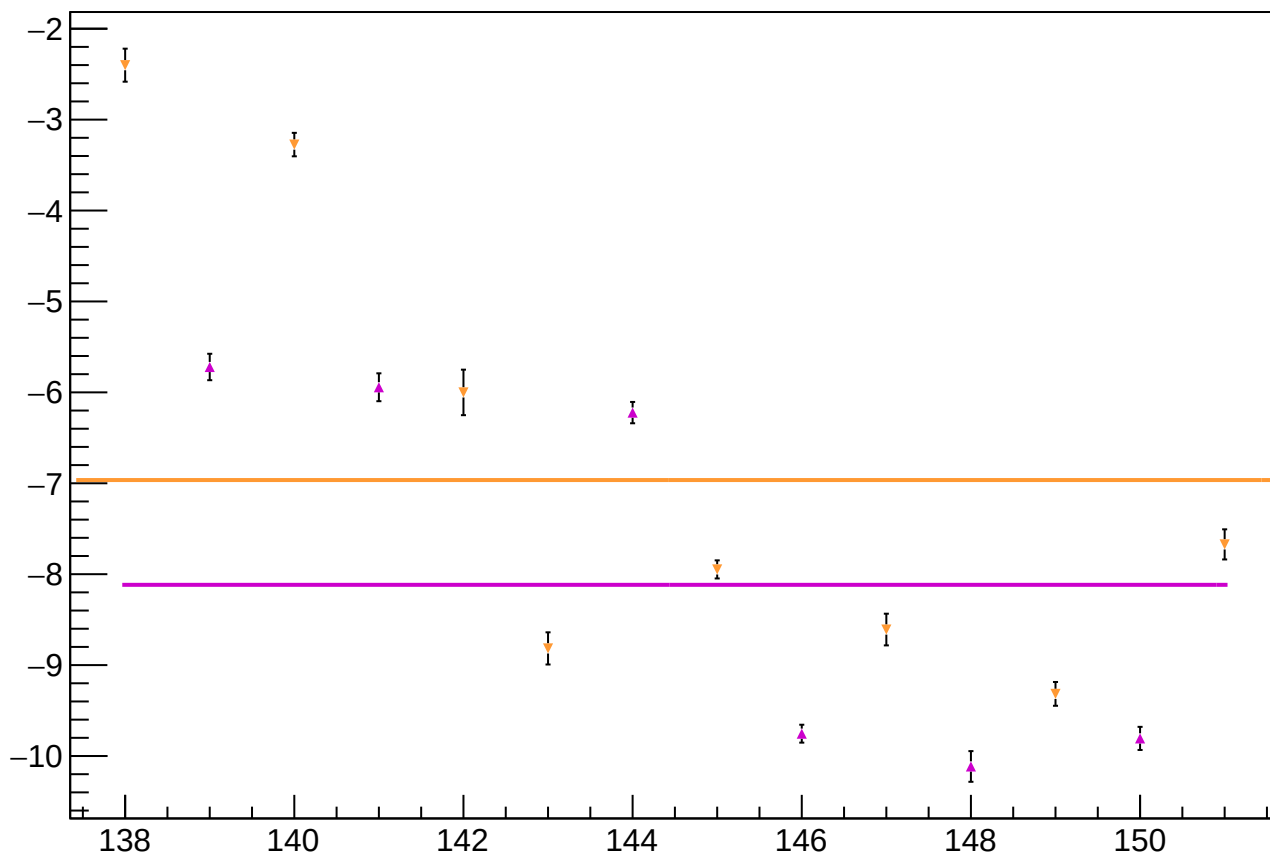
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.783+/-0.037 χ^2/NDF : 7327.6/5

Out: -1.042+/-0.036 χ^2/NDF : 3247.4/7

All: -0.915+/-0.026 χ^2/NDF : 10600.4/13

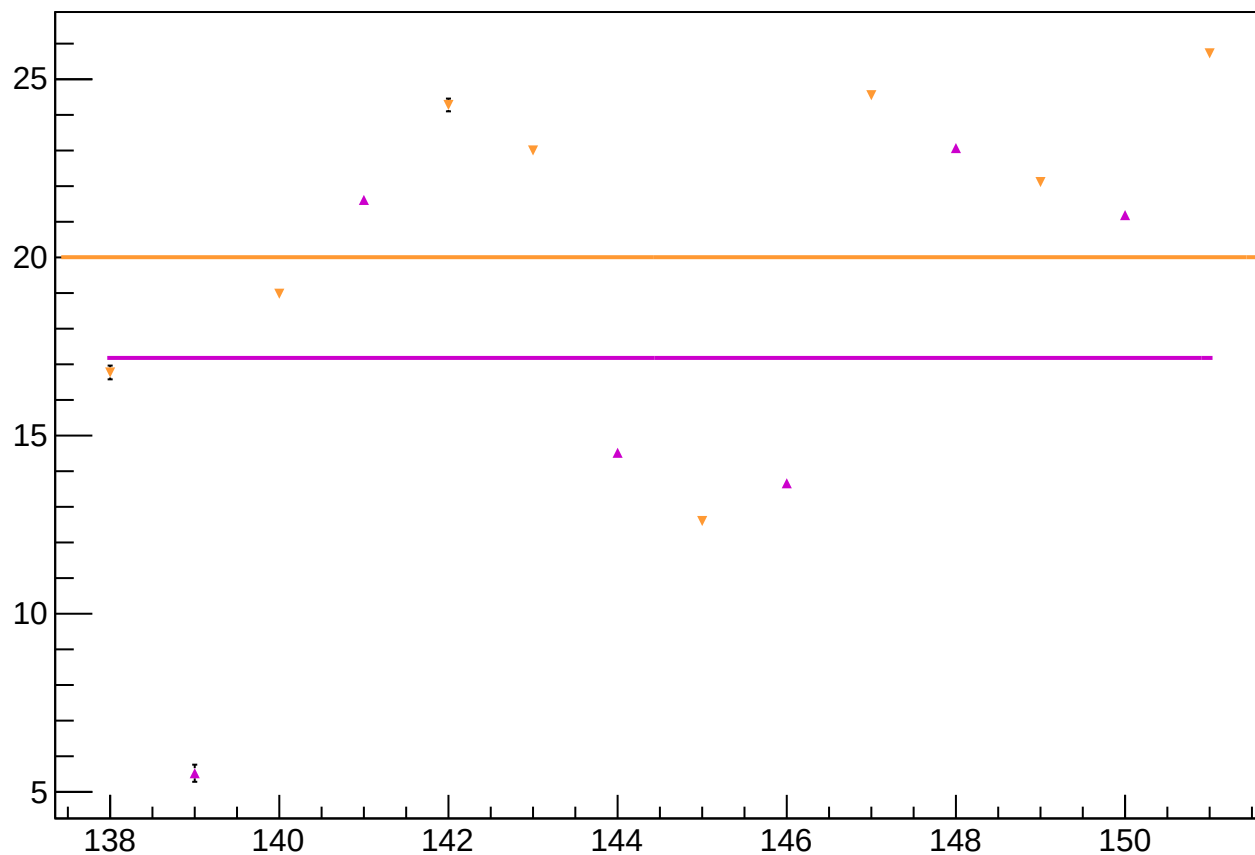
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -8.117+/-0.053 χ^2/NDF :1326.7/5

Left: -7.538+/-0.037 χ^2/NDF : 3669.8/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.117+/-0.053 χ^2/NDF :1326.7/5
 Out: -6.965+/-0.052 χ^2/NDF :2100.9/7
 All: -7.538+/-0.037 χ^2/NDF : 3669.8/13

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: 17.179+/-0.045 χ^2/NDF :9974.3/5

Left: 18.617+/-0.031 χ^2/NDF : 24094.0/13

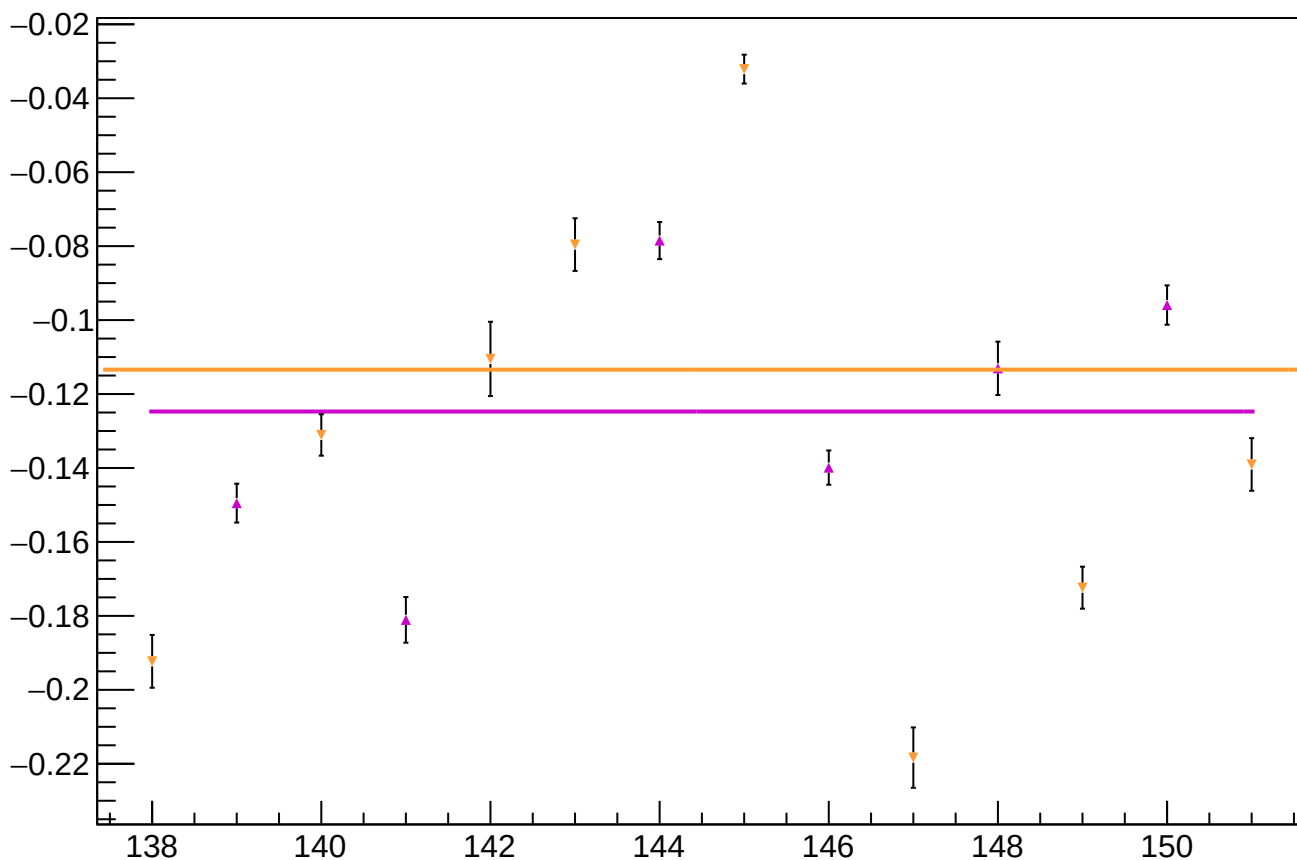
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.179+/-0.045 χ^2/NDF :9974.3/5

Out: 20.006+/-0.044 χ^2/NDF :12088.5/7

All: 18.617+/-0.031 χ^2/NDF : 24094.0/13

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: -0.125+/-0.002 χ^2/NDF : 232.8/5

Left: -0.119+/-0.002 χ^2/NDF : 1119.2/13

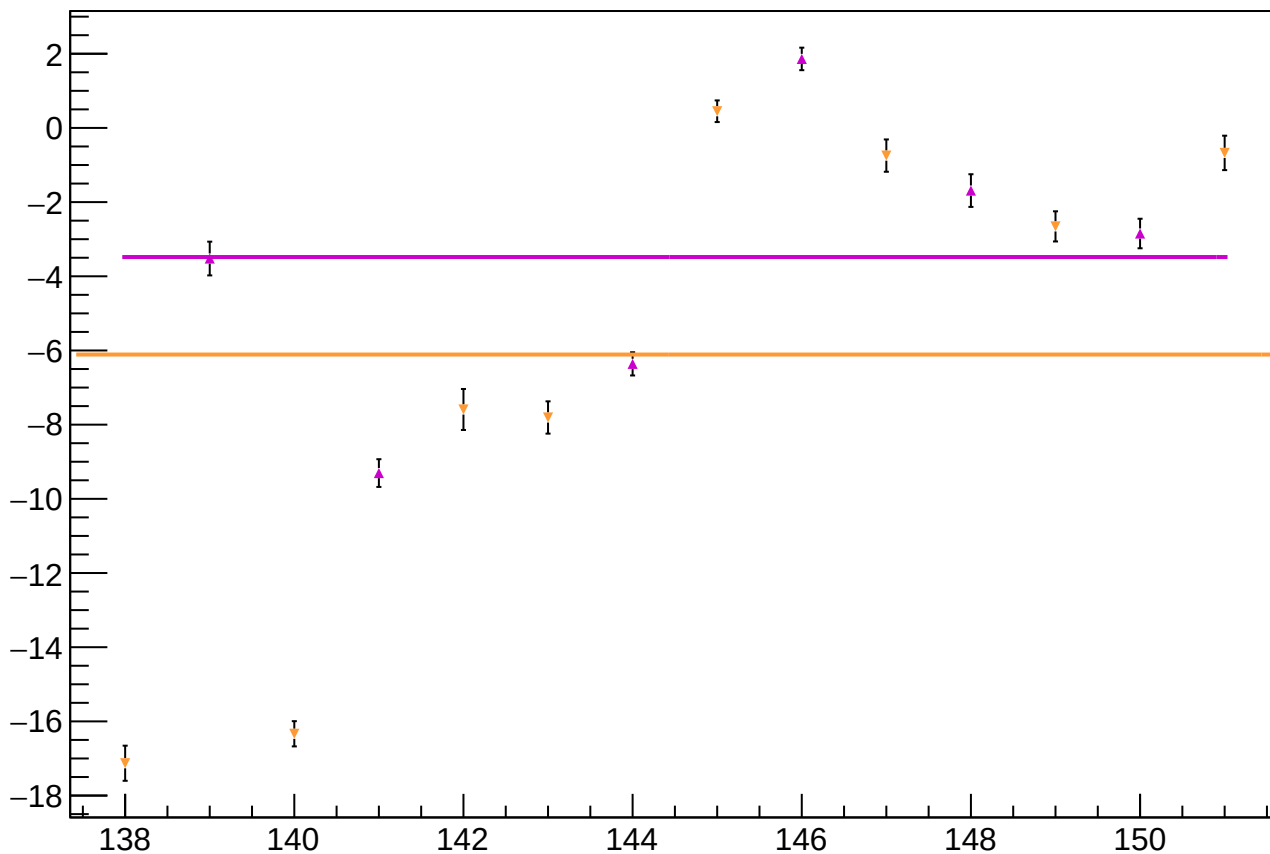
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.125+/-0.002 χ^2/NDF : 232.8/5

Out: -0.113+/-0.002 χ^2/NDF : 873.2/7

All: -0.119+/-0.002 χ^2/NDF : 1119.2/13

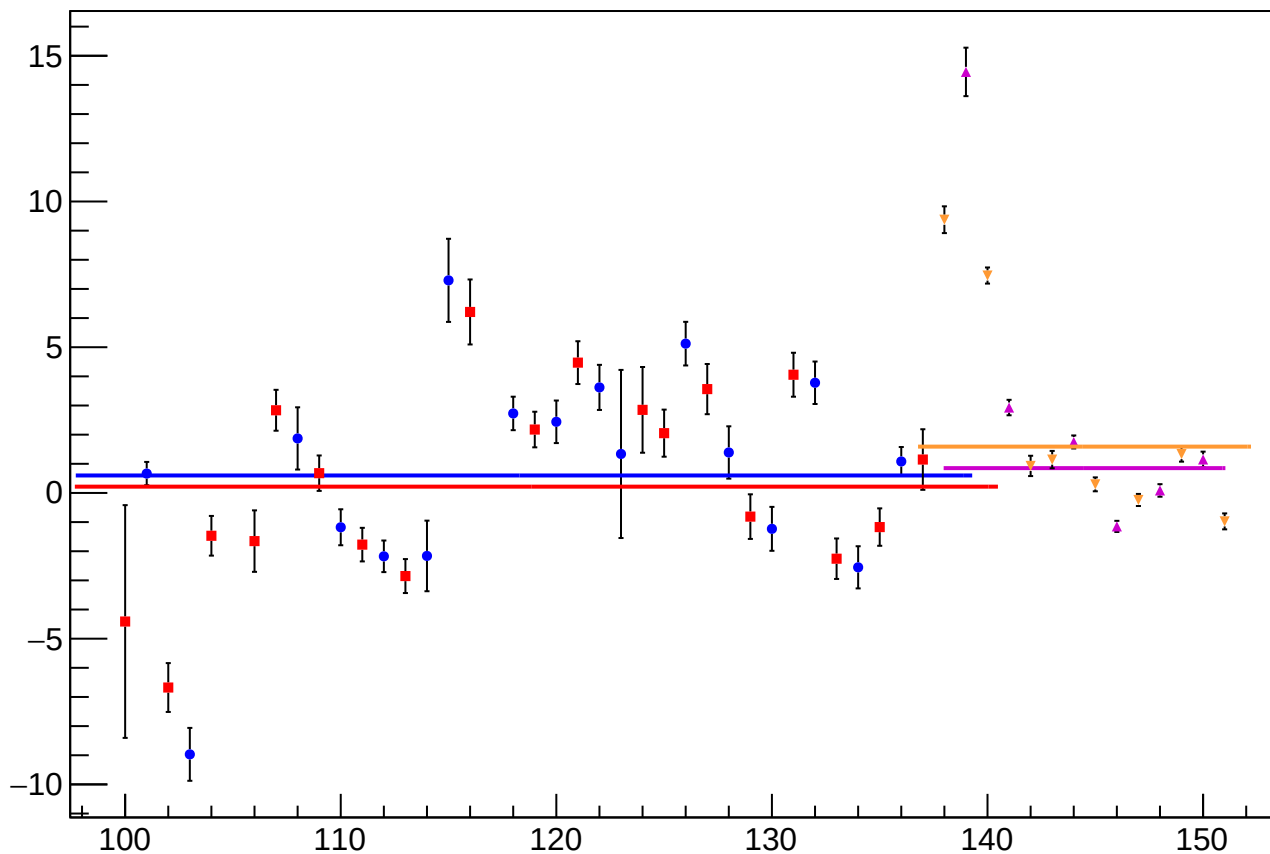
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.481+/-0.150 χ^2/NDF :656.4/5

Left: -4.863+/-0.103 χ^2/NDF : 3152.1/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.481+/-0.150 χ^2/NDF :656.4/5
 Out: -6.110+/-0.142 χ^2/NDF :2333.9/7
 All: -4.863+/-0.103 χ^2/NDF : 3152.1/13

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: 0.852 ± 0.101 χ^2/NDF : 468.3/5

Left: 1.234 ± 0.070 χ^2/NDF : 1436.9/13

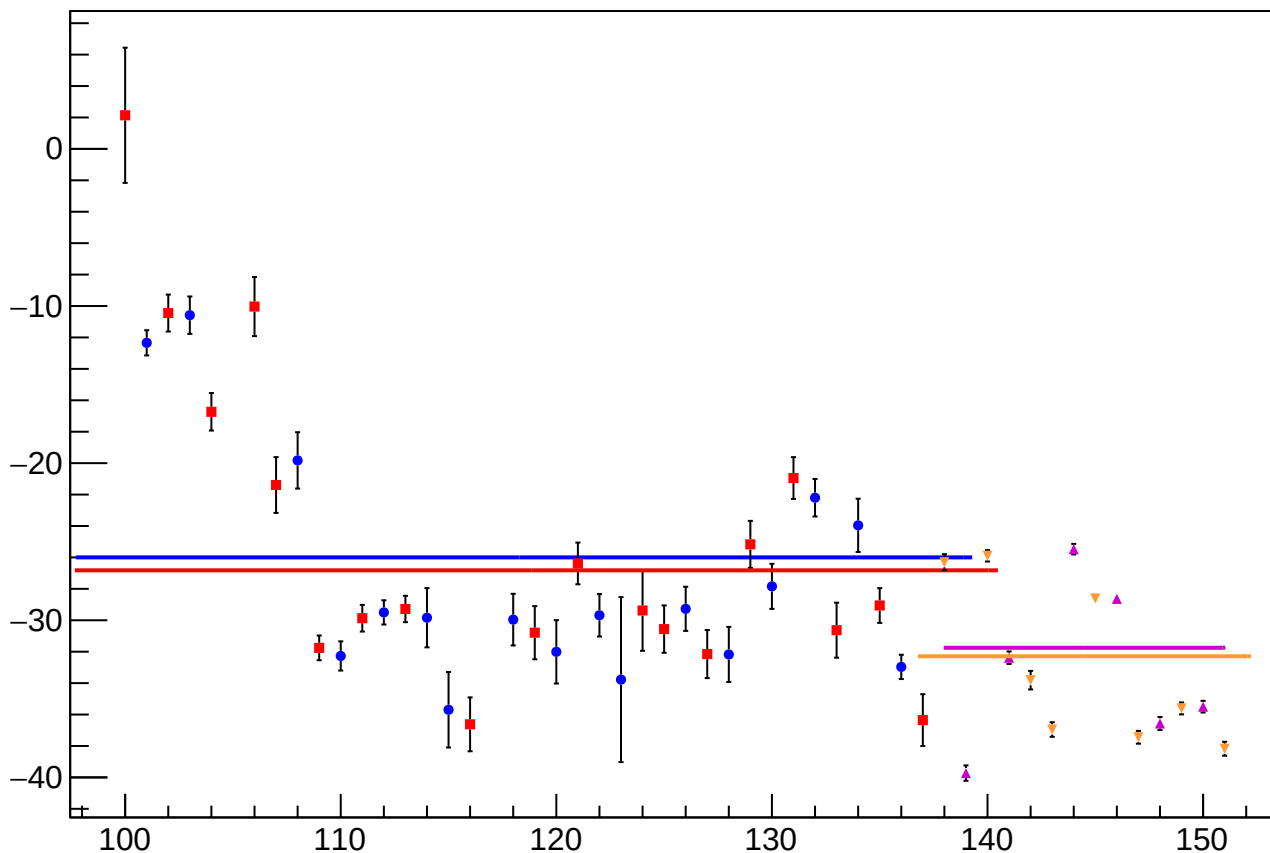
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.786 ± 0.087 χ^2/NDF : 761.9/22

Out: 1.266 ± 0.085 χ^2/NDF : 1262.5/26

All: 1.031 ± 0.061 χ^2/NDF : 2040.1/49

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: -31.748 ± 0.150 χ^2/NDF : 967.8/5

Left: -32.029 ± 0.104 χ^2/NDF : 2084.2/13

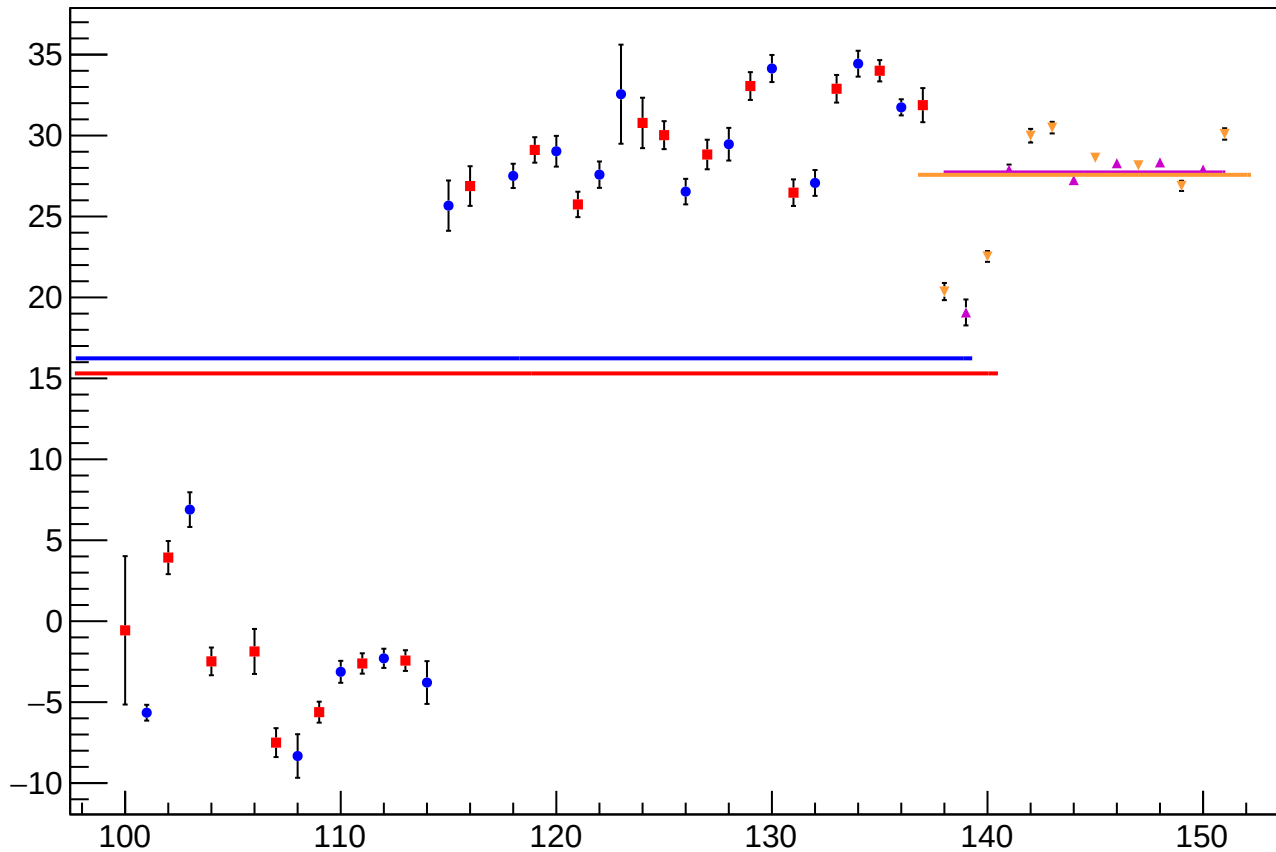
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.594 ± 0.134 χ^2/NDF : 1953.8/22

Out: -31.239 ± 0.130 χ^2/NDF : 1963.6/26

All: -30.926 ± 0.094 χ^2/NDF : 3929.2/49

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: 27.722 $\pm$ 0.124 χ^2 /NDF: 130.2/5

Left: 27.646 $\pm$ 0.086 χ^2 /NDF: 717.5/13

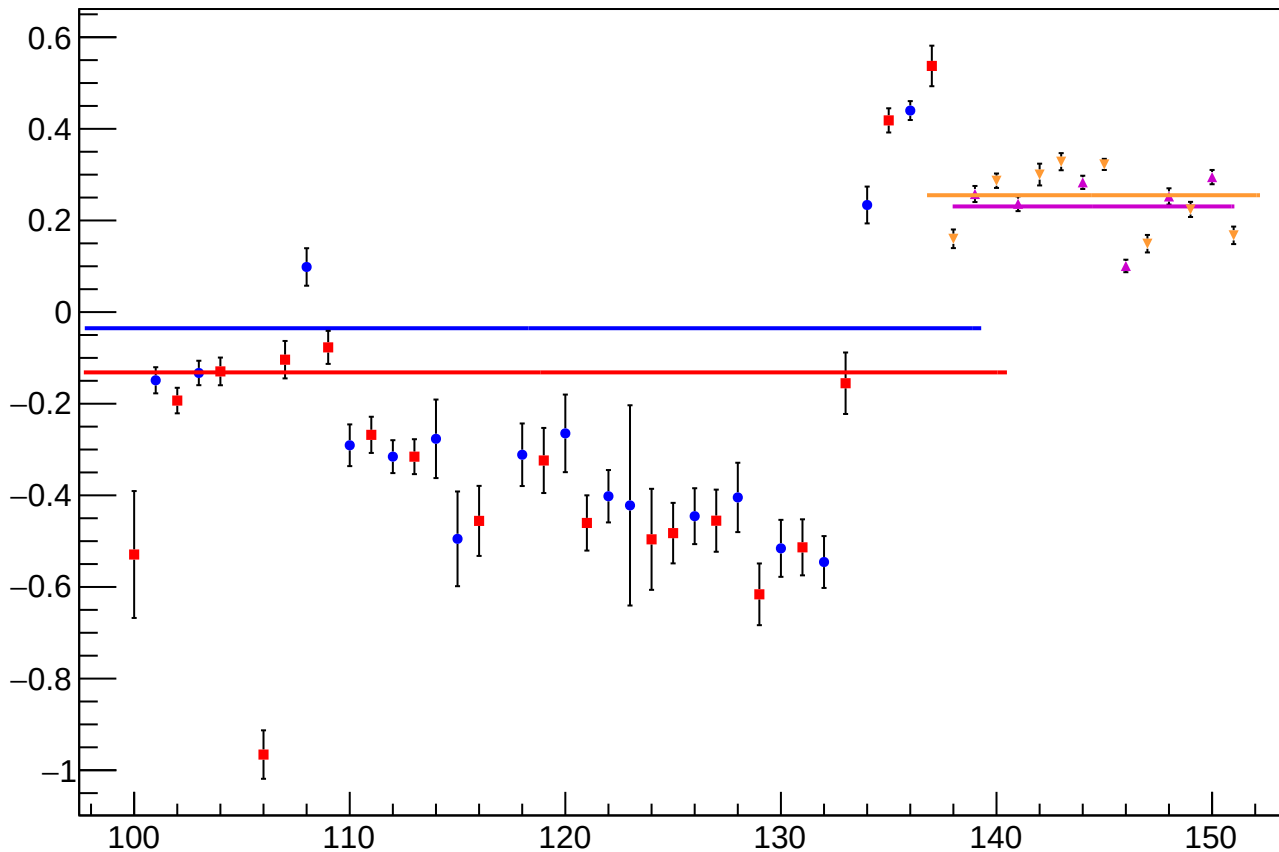
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.309 $\pm$ 0.104 χ^2 /NDF: 10241.0/22

Out: 24.260 $\pm$ 0.102 χ^2 /NDF: 10690.0/26

All: 24.284 $\pm$ 0.073 χ^2 /NDF: 20931.1/49

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: 0.231 ± 0.006 χ^2/NDF : 124.5/5

Left: 0.243 ± 0.004 χ^2/NDF : 263.0/13

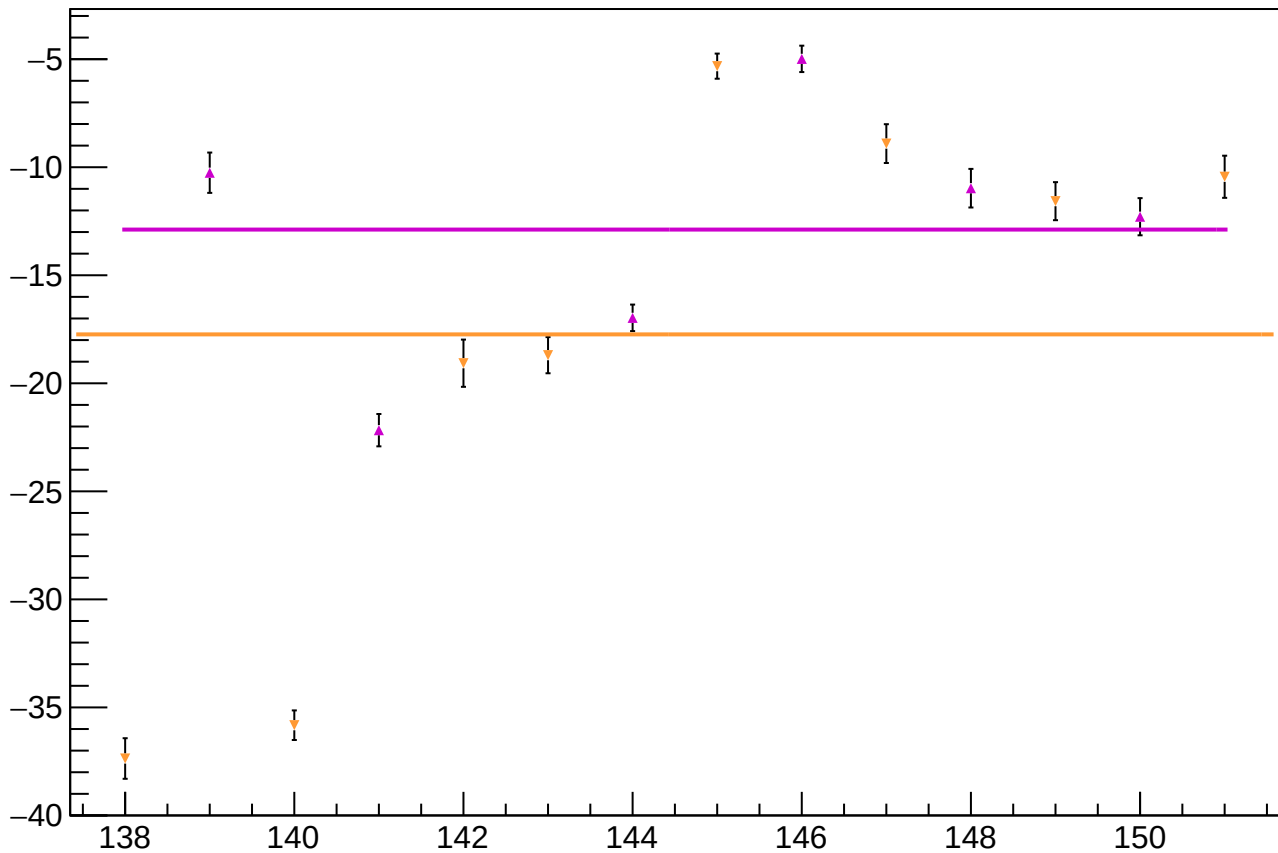
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.157 ± 0.005 χ^2/NDF : 1618.0/22

Out: 0.156 ± 0.005 χ^2/NDF : 2336.7/26

All: 0.157 ± 0.004 χ^2/NDF : 3954.7/49

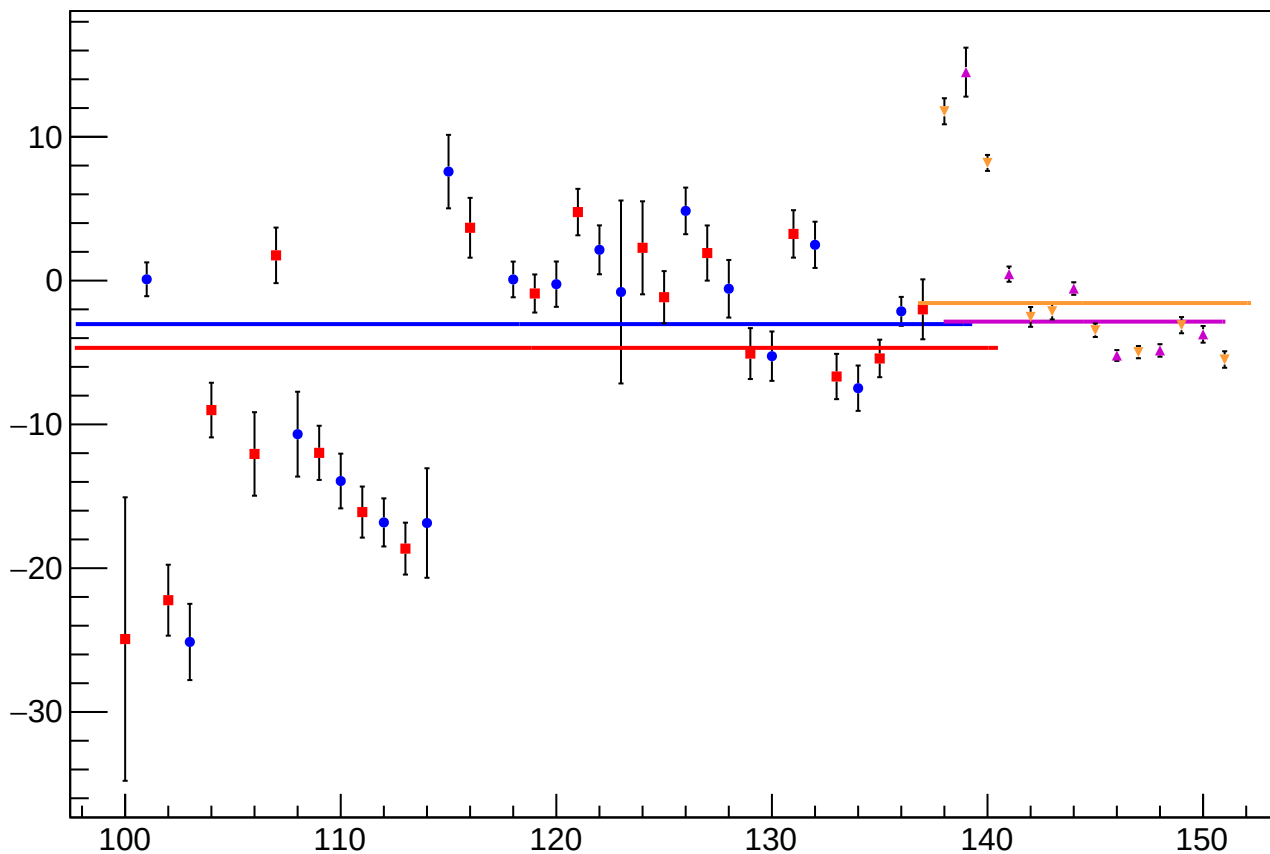
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -12.886+/-0.303 χ^2/NDF :378.6/5

Left: -15.438+/-0.209 χ^2/NDF : 2307.7/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.886+/-0.303 χ^2/NDF :378.6/5
 Out: -17.736+/-0.288 χ^2/NDF :1794.5/7
 All: -15.438+/-0.209 χ^2/NDF : 2307.7/13

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: -2.853 ± 0.202 χ^2/NDF : 232.8/5

Left: -2.189 ± 0.141 χ^2/NDF : 915.8/13

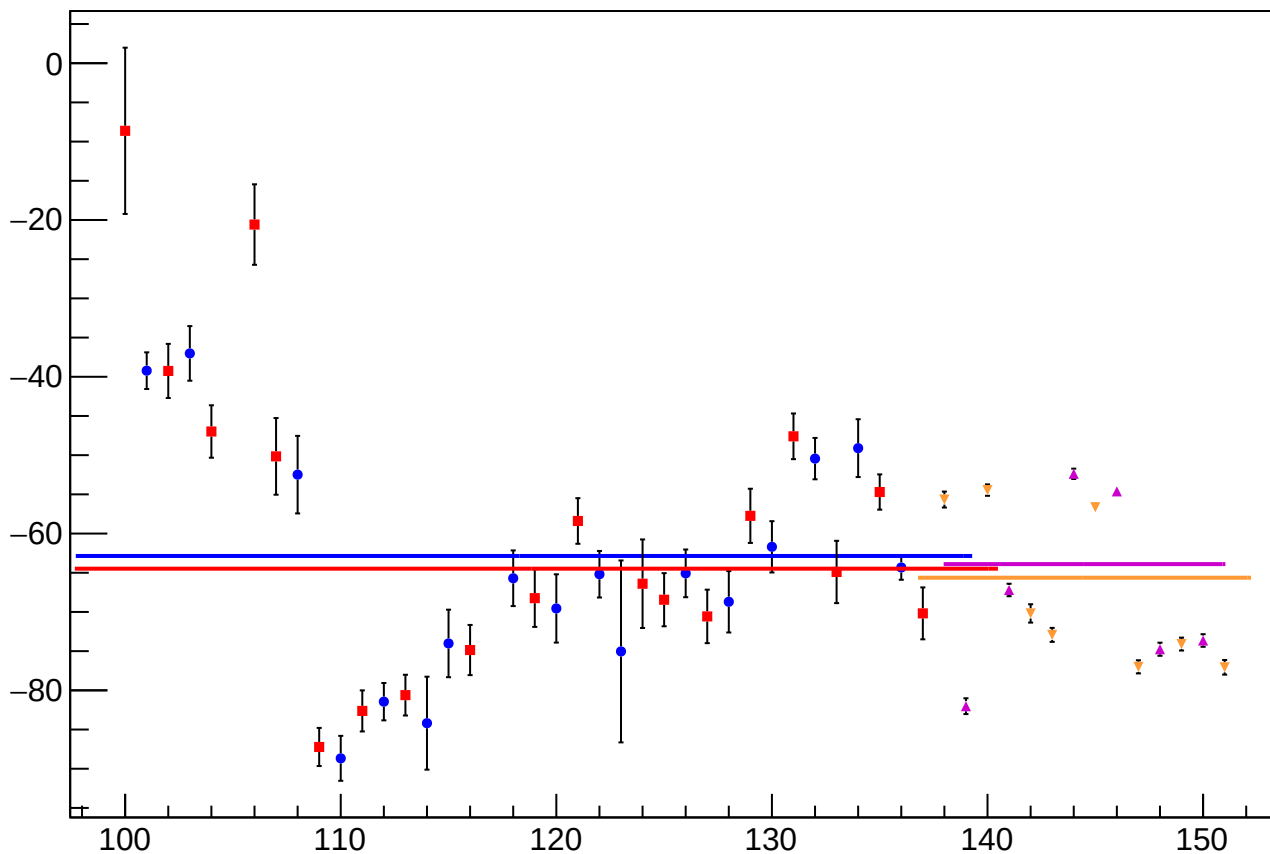
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.887 ± 0.181 χ^2/NDF : 513.6/22

Out: -2.109 ± 0.179 χ^2/NDF : 1005.2/26

All: -2.493 ± 0.127 χ^2/NDF : 1528.1/49

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -65.633 $\pm$ 0.295 χ^2 /NDF:1065.0/7

Right Out: -64.480 $\pm$ 0.751 χ^2 /NDF: 444.0/18

Left In: -63.897 $\pm$ 0.305 χ^2 /NDF:1212.0/5

Left: -64.795 $\pm$ 0.212 χ^2 /NDF: 2293.7/13

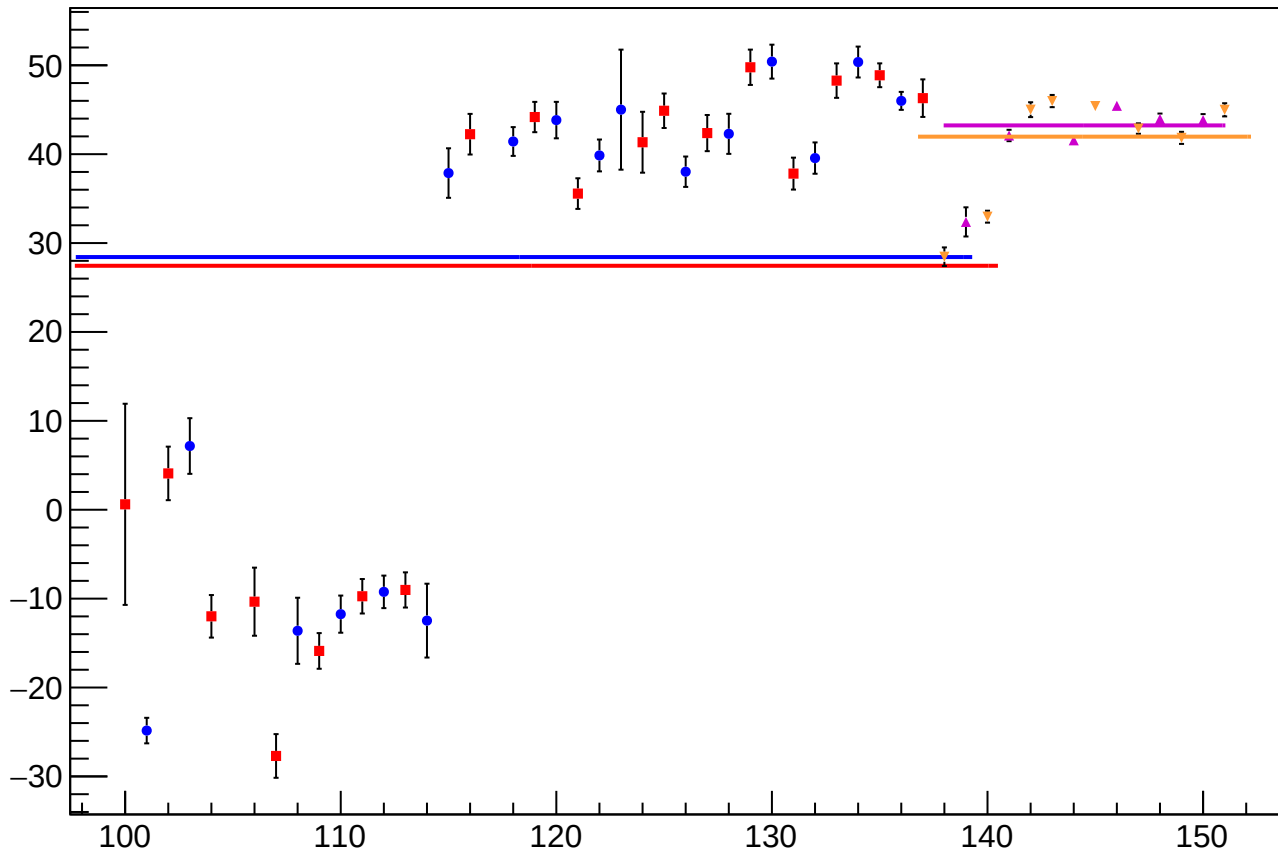
Right: -63.656 $\pm$ 0.527 χ^2 /NDF: 814.1/35

In: -63.746 $\pm$ 0.282 χ^2 /NDF:1581.4/22

Out: -65.479 $\pm$ 0.274 χ^2 /NDF:1511.0/26

All: -64.636 $\pm$ 0.197 χ^2 /NDF: 3111.8/49

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.970 $\pm$ 0.243 χ^2 /NDF:451.8/7

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 43.235 $\pm$ 0.251 χ^2 /NDF:81.0/5

Left: 42.582 $\pm$ 0.175 χ^2 /NDF: 546.0/13

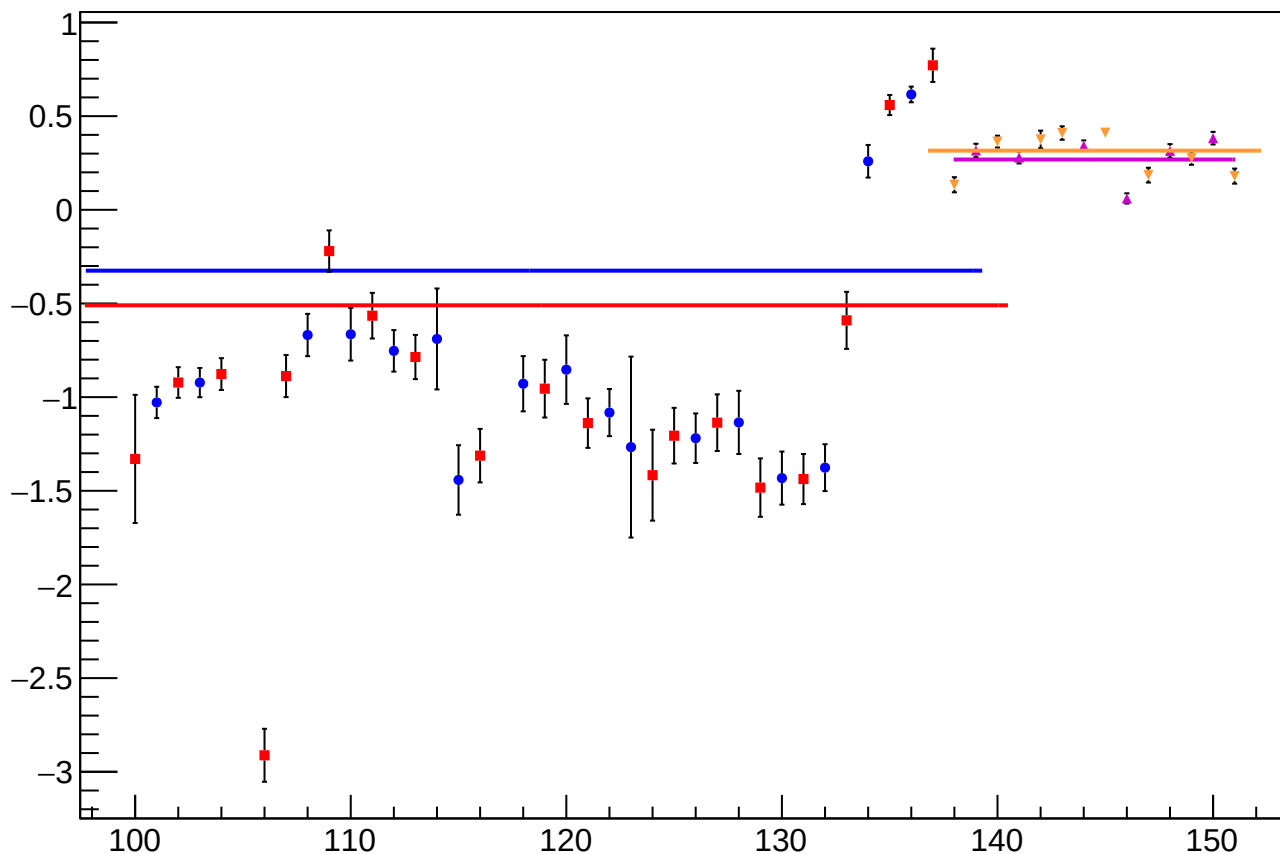
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.811 $\pm$ 0.220 χ^2 /NDF:4208.0/22

Out: 38.989 $\pm$ 0.217 χ^2 /NDF:4218.1/26

All: 39.393 $\pm$ 0.154 χ^2 /NDF: 8433.2/49

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: 0.268 ± 0.013 χ^2/NDF : 79.1/5

Left: 0.293 ± 0.009 χ^2/NDF : 156.6/13

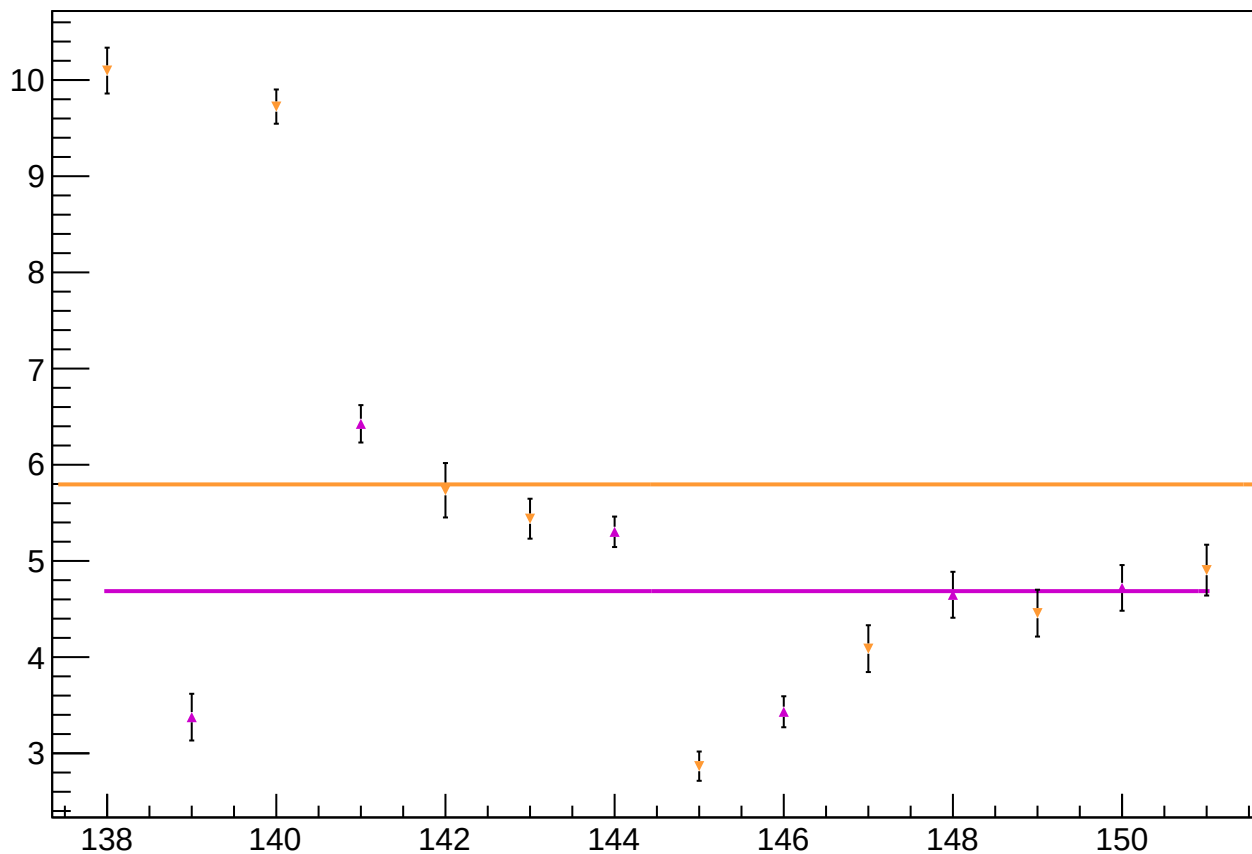
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.142 ± 0.011 χ^2/NDF : 1537.1/22

Out: 0.161 ± 0.011 χ^2/NDF : 2078.9/26

All: 0.152 ± 0.008 χ^2/NDF : 3617.4/49

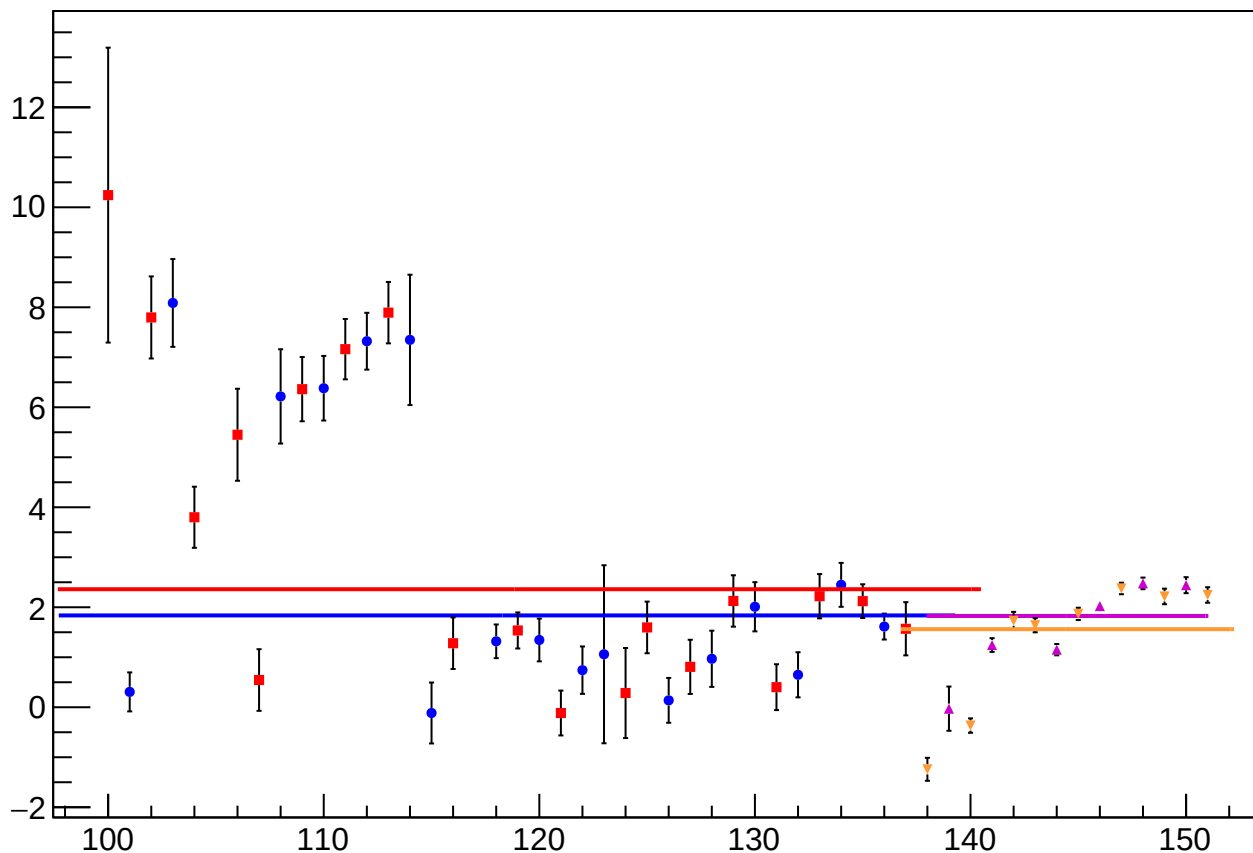
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.796 $\pm$ 0.075 χ^2 /NDF:1277.2/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.686 $\pm$ 0.080 χ^2 /NDF:184.9/5

Left: 5.273 $\pm$ 0.055 χ^2 /NDF: 1564.4/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.686 $\pm$ 0.080 χ^2 /NDF:184.9/5
 Out: 5.796 $\pm$ 0.075 χ^2 /NDF:1277.2/7
 All: 5.273 $\pm$ 0.055 χ^2 /NDF: 1564.4/13

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.562 $\pm$ 0.052 χ^2 /NDF: 422.0/7

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.826 $\pm$ 0.053 χ^2 /NDF: 121.6/5

Left: 1.691 $\pm$ 0.037 χ^2 /NDF: 556.2/13

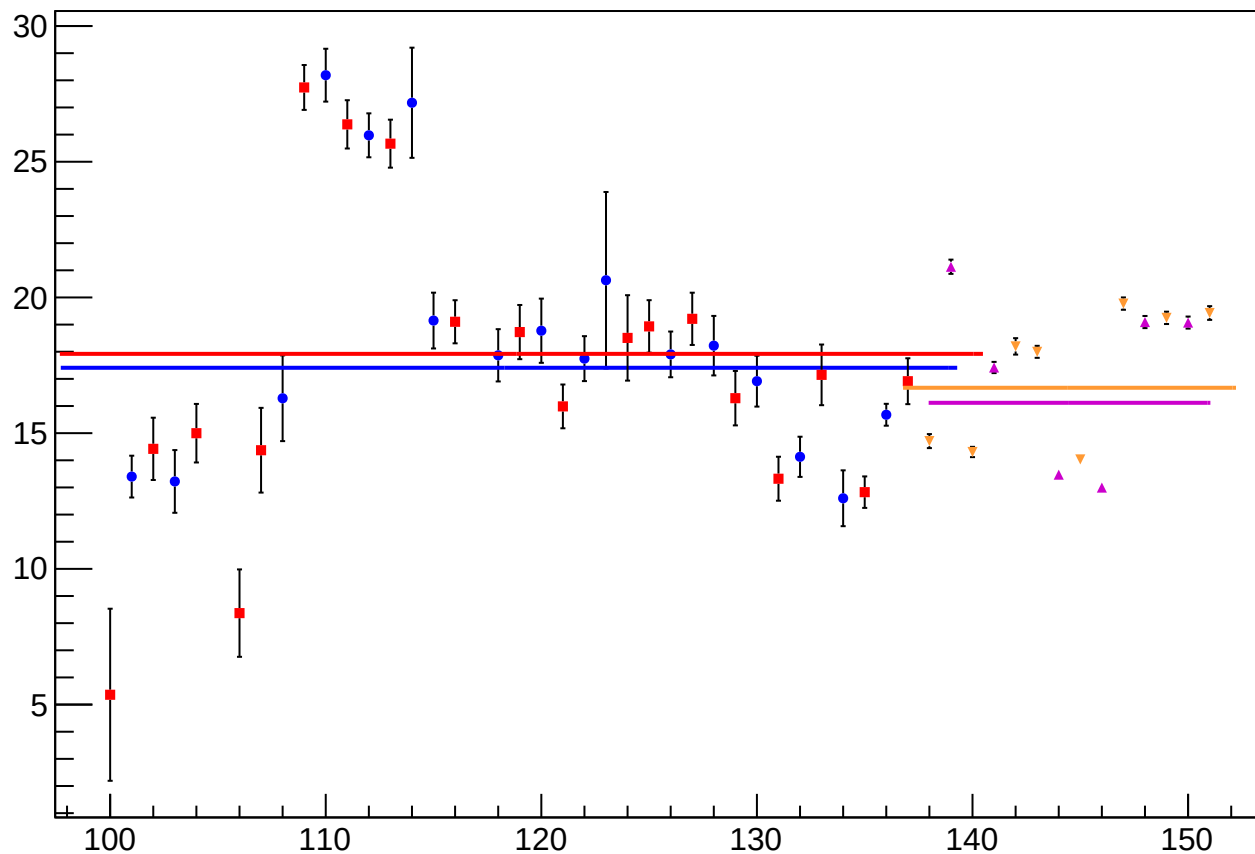
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.828 $\pm$ 0.048 χ^2 /NDF: 415.7/22

Out: 1.684 $\pm$ 0.048 χ^2 /NDF: 795.0/26

All: 1.755 $\pm$ 0.034 χ^2 /NDF: 1215.2/49

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: 16.118 $\pm$ 0.080 χ^2 /NDF: 1409.0/5

Left: 16.406 $\pm$ 0.056 χ^2 /NDF: 2407.5/13

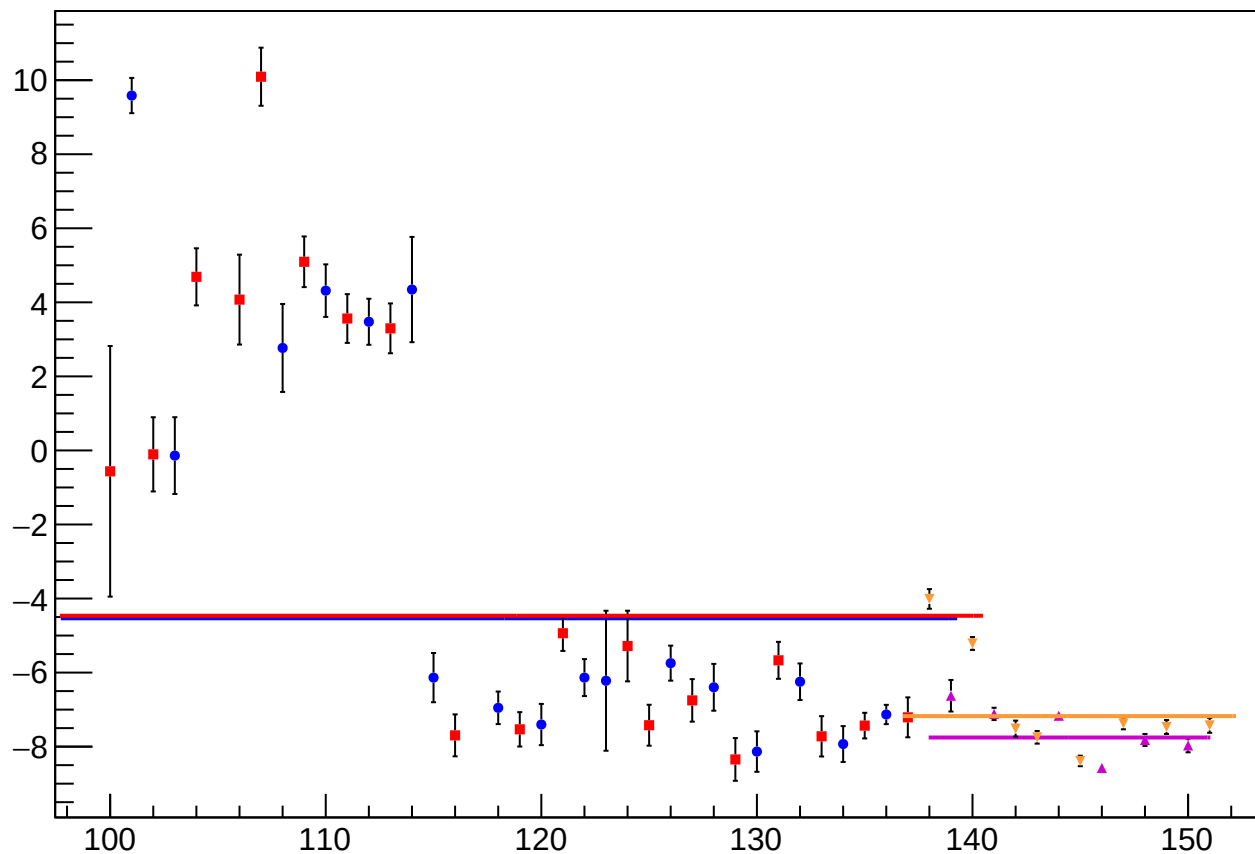
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.281 $\pm$ 0.075 χ^2 /NDF: 1806.5/22

Out: 16.812 $\pm$ 0.073 χ^2 /NDF: 1509.3/26

All: 16.554 $\pm$ 0.052 χ^2 /NDF: 3341.5/49

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: -7.754 ± 0.066 χ^2/NDF : 86.4/5

Left: -7.455 ± 0.046 χ^2/NDF : 486.3/13

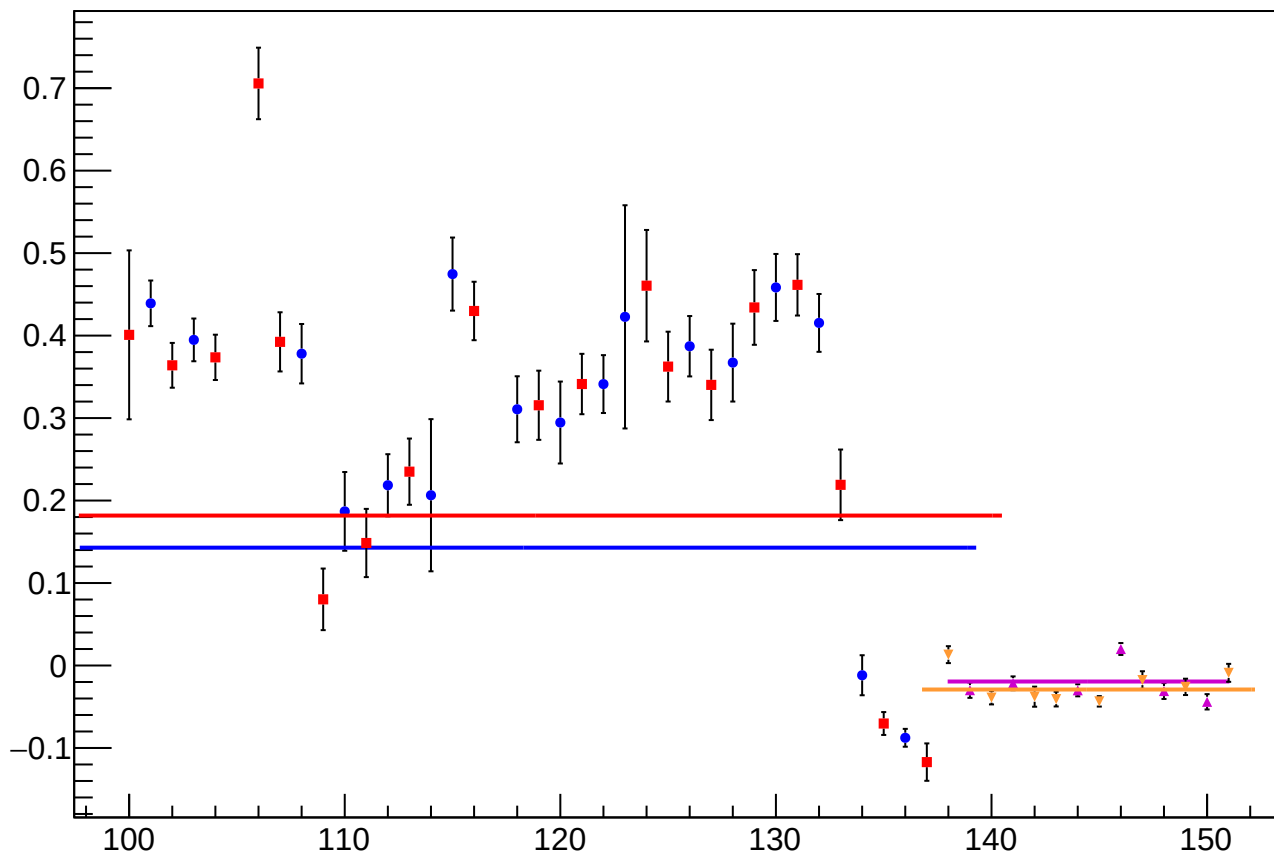
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.090 ± 0.059 χ^2/NDF : 2164.7/22

Out: -6.690 ± 0.058 χ^2/NDF : 2023.2/26

All: -6.887 ± 0.041 χ^2/NDF : 4211.5/49

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: -0.019 ± 0.003 $\chi^2/\text{NDF}: 41.7/5$

Left: -0.025 ± 0.002 $\chi^2/\text{NDF}: 76.3/13$

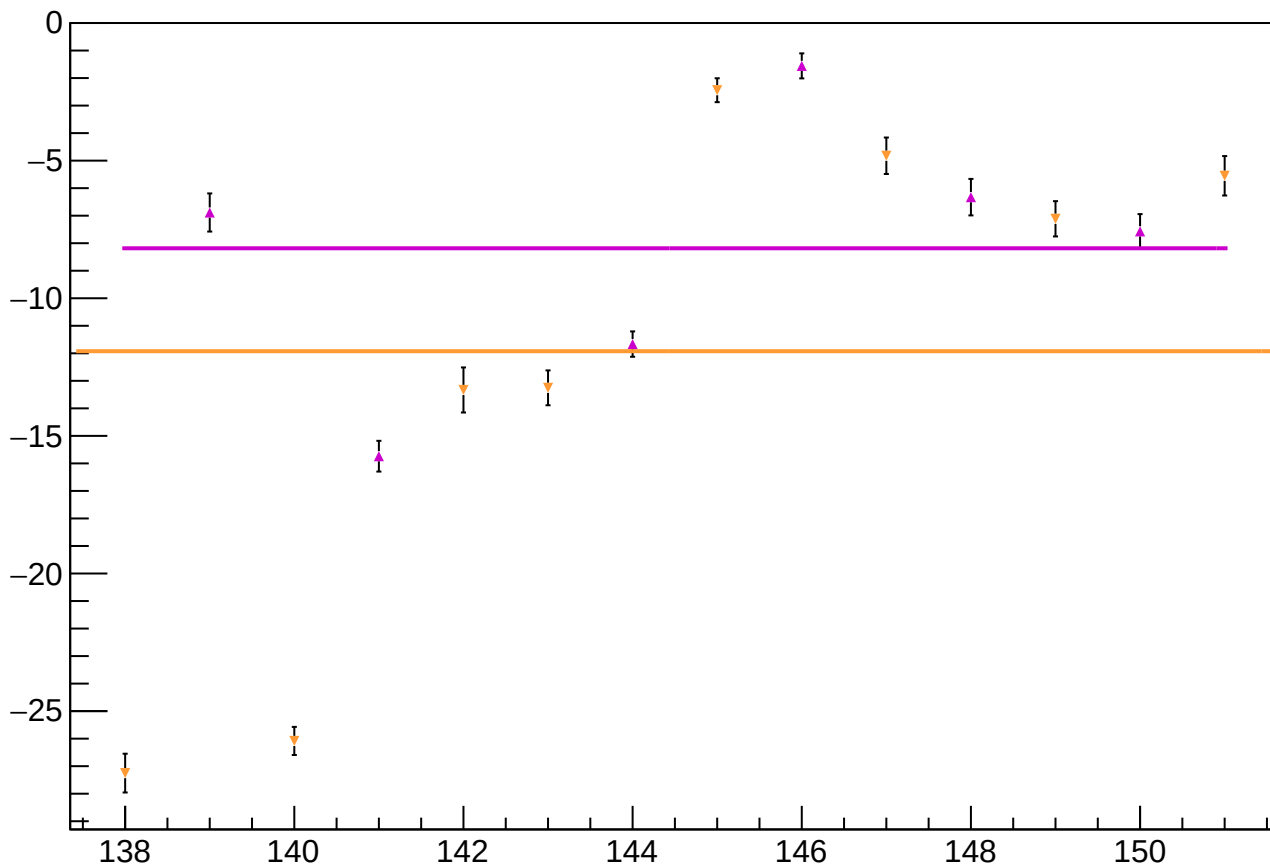
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 1529.4/22$

Out: 0.005 ± 0.003 $\chi^2/\text{NDF}: 1723.2/26$

All: 0.008 ± 0.002 $\chi^2/\text{NDF}: 3255.0/49$

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: -8.184+/-0.226 χ^2/NDF :464.9/5

Left: -10.150+/-0.155 χ^2/NDF : 2586.5/13

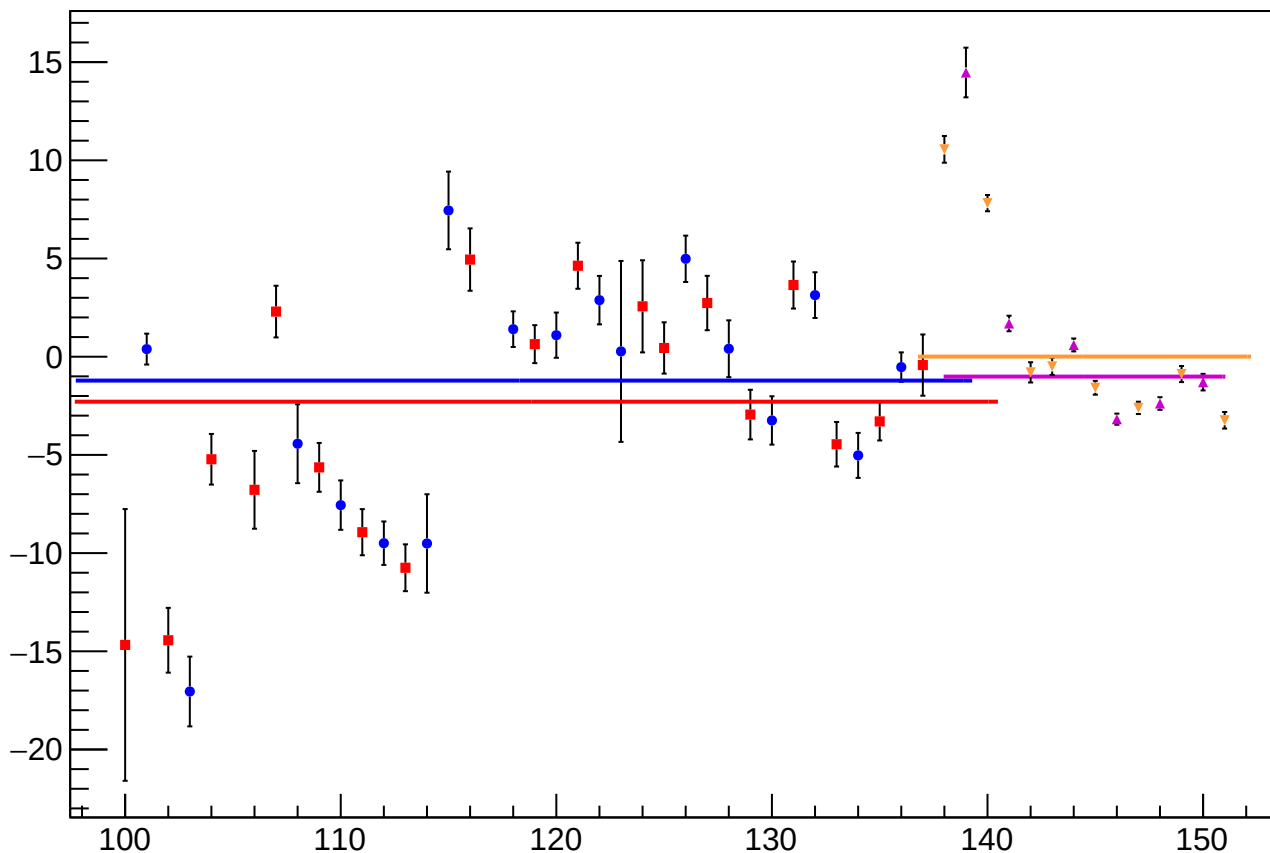
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.184+/-0.226 χ^2/NDF :464.9/5

Out: -11.924+/-0.214 χ^2/NDF :1977.1/7

All: -10.150+/-0.155 χ^2/NDF : 2586.5/13

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: -1.012 ± 0.151 $\chi^2/\text{NDF}: 297.8/5$

Left: -0.487 ± 0.105 $\chi^2/\text{NDF}: 1074.0/13$

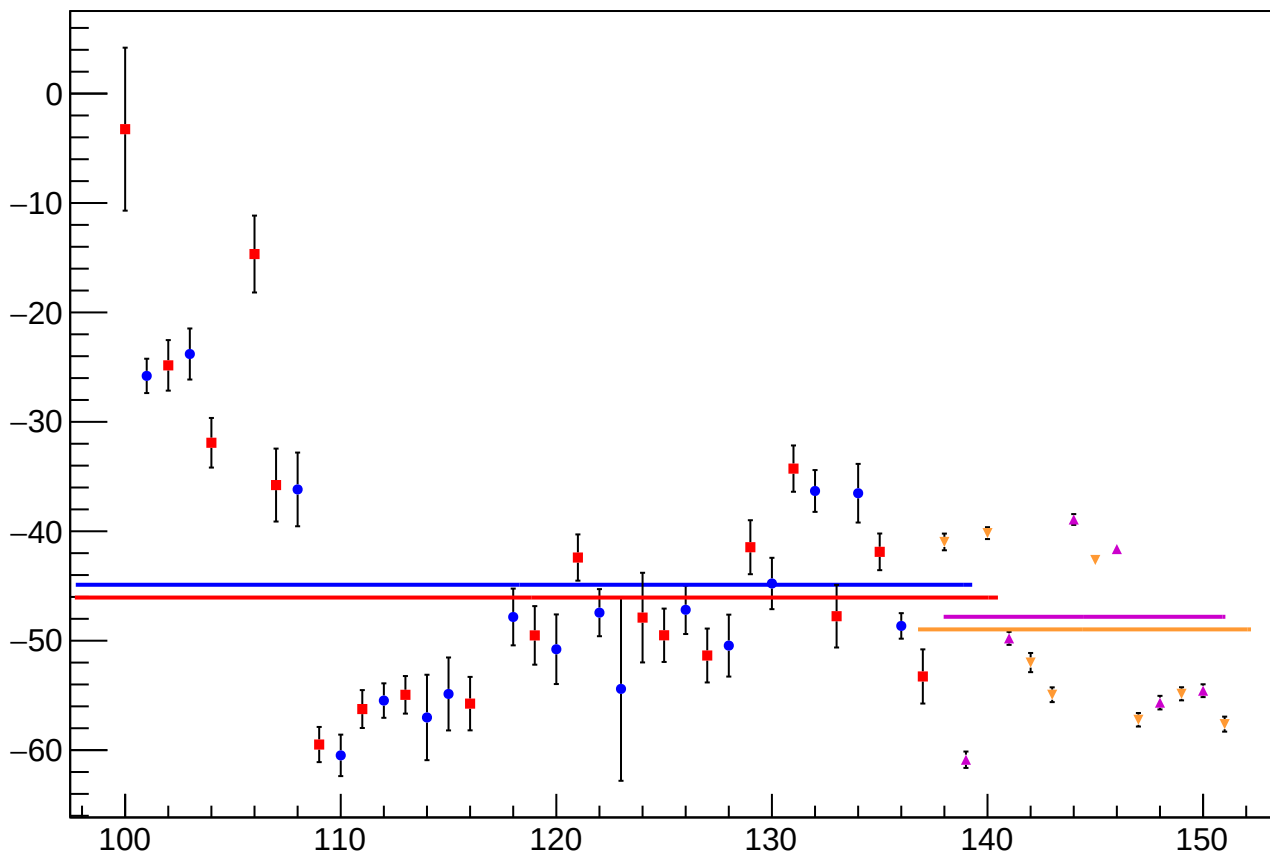
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -1.055 ± 0.134 $\chi^2/\text{NDF}: 576.9/22$

Out: -0.429 ± 0.132 $\chi^2/\text{NDF}: 1086.6/26$

All: -0.737 ± 0.094 $\chi^2/\text{NDF}: 1674.7/49$

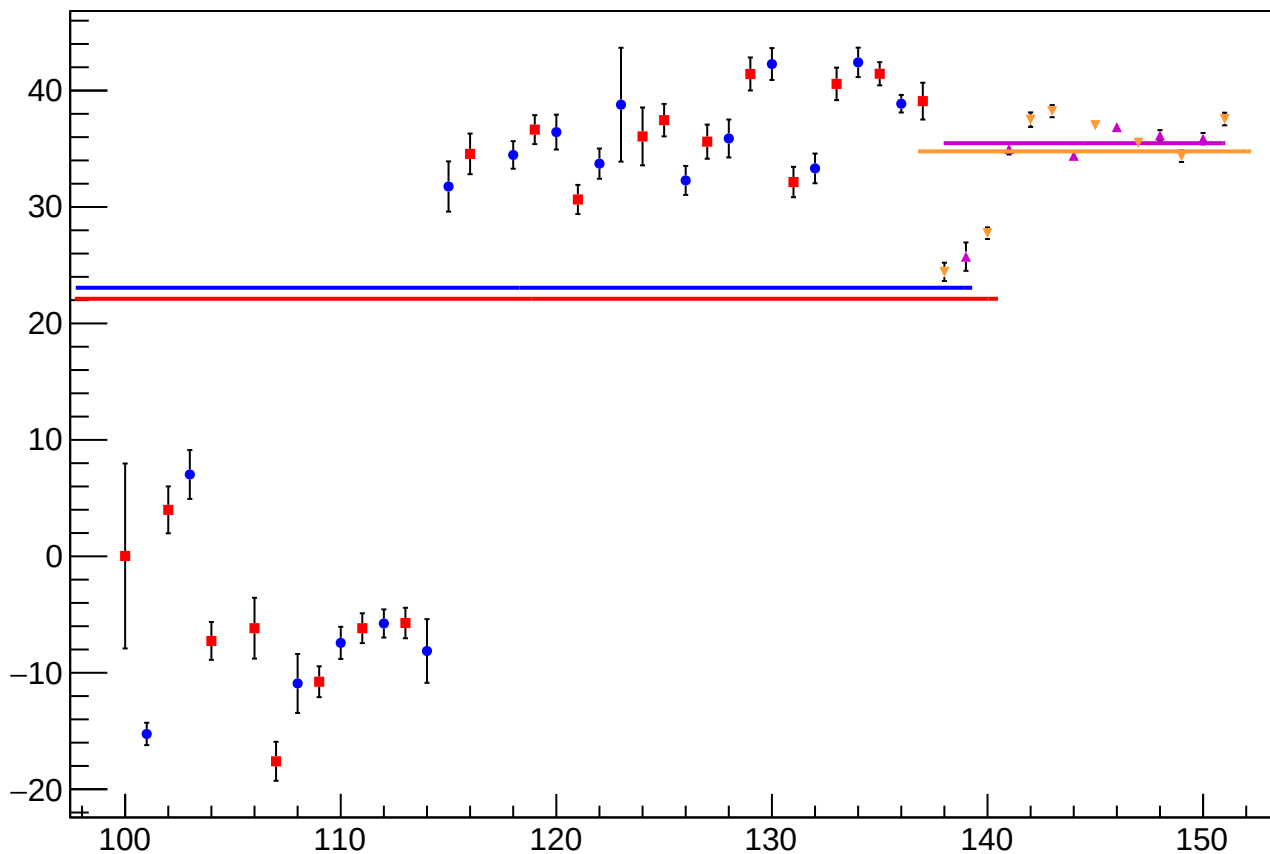
reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -47.814 ± 0.227 χ^2/NDF : 1133.2/5

Left: -48.410 ± 0.158 χ^2/NDF : 2232.1/13
 Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35
 In: -47.352 ± 0.208 χ^2/NDF : 1579.9/22
 Out: -48.539 ± 0.202 χ^2/NDF : 1565.2/26
 All: -47.962 ± 0.145 χ^2/NDF : 3161.9/49

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: 35.480 $\pm$ 0.187 χ^2 /NDF:90.6/5

Left: 35.118 $\pm$ 0.130 χ^2 /NDF: 590.2/13

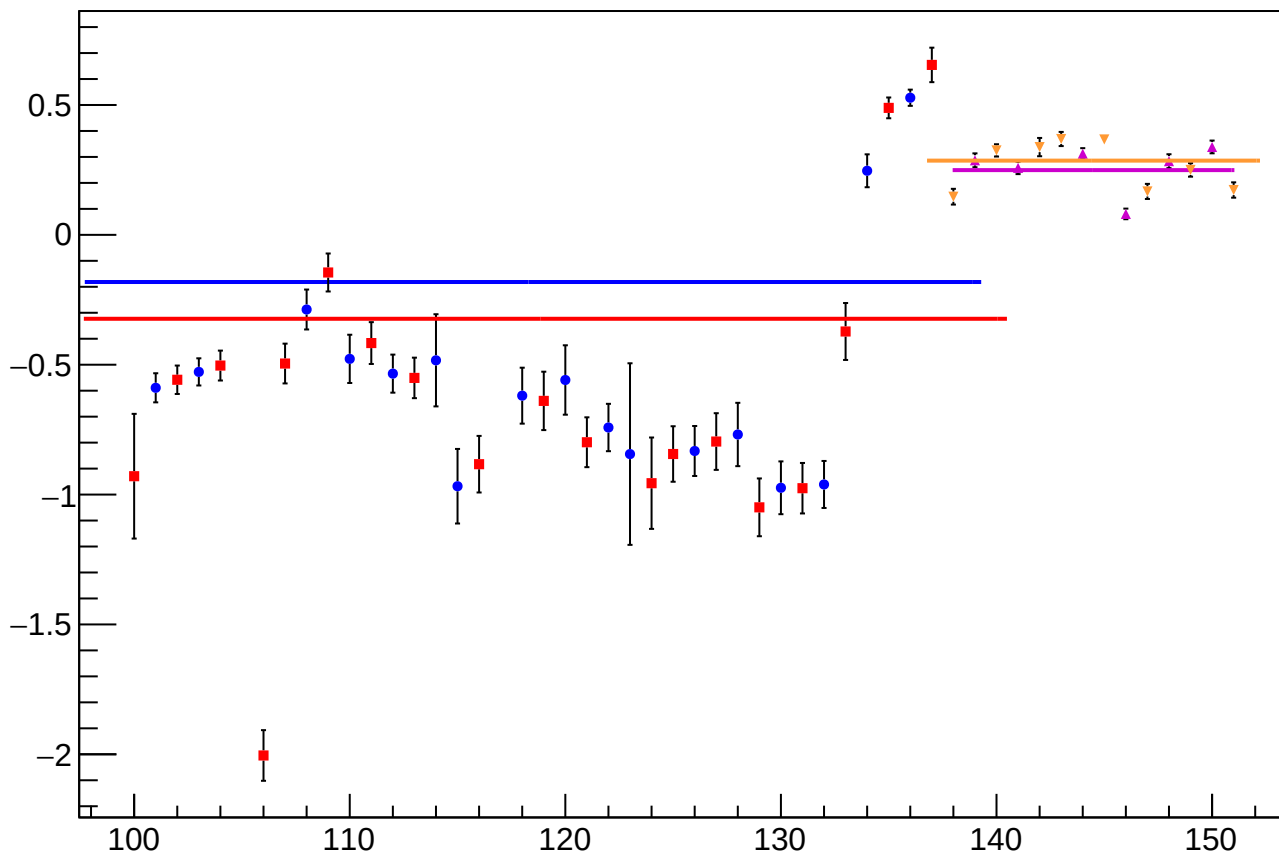
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.418 $\pm$ 0.162 χ^2 /NDF:5512.9/22

Out: 31.988 $\pm$ 0.160 χ^2 /NDF:5608.4/26

All: 32.199 $\pm$ 0.114 χ^2 /NDF: 11124.9/49

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: 0.249 ± 0.010 χ^2/NDF : 93.9/5

Left: 0.268 ± 0.007 χ^2/NDF : 190.4/13

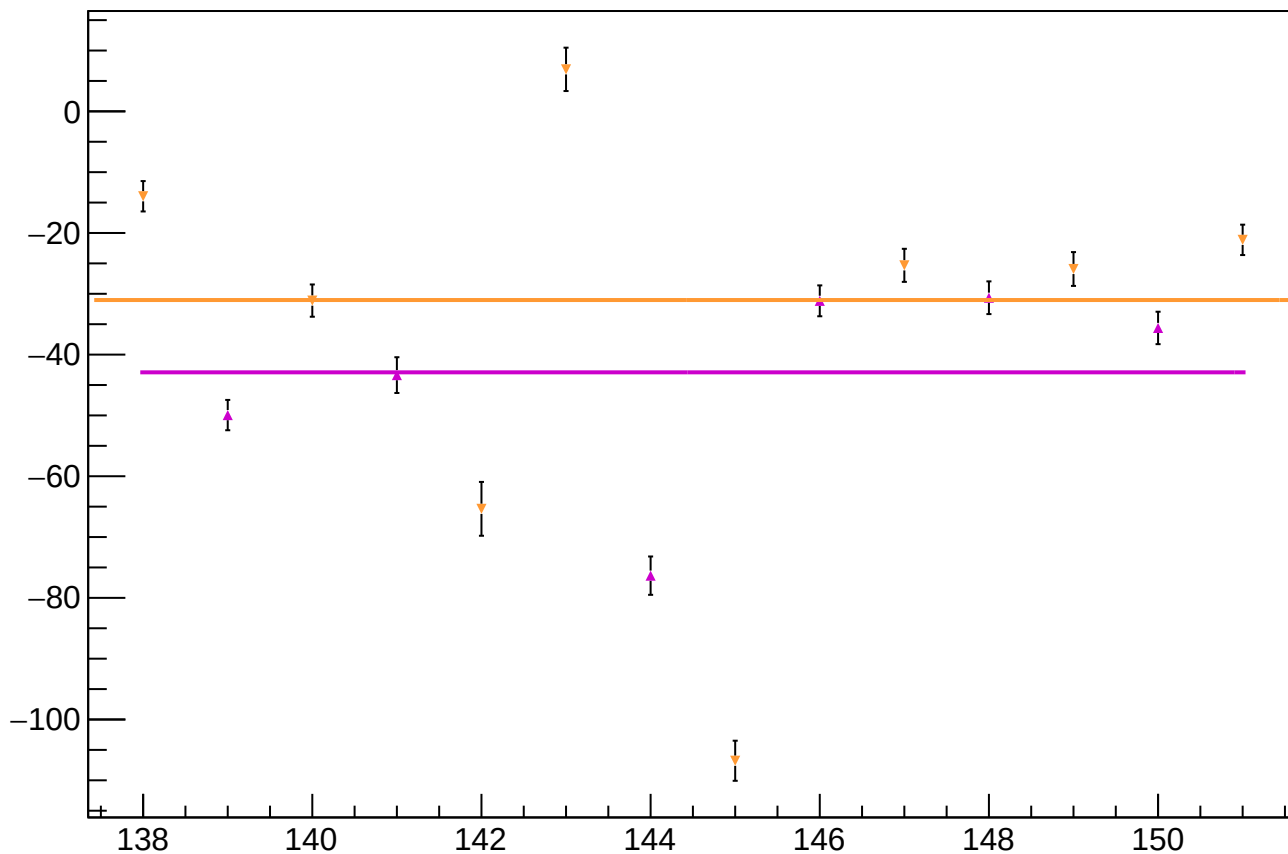
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.151 ± 0.008 χ^2/NDF : 1546.5/22

Out: 0.162 ± 0.008 χ^2/NDF : 2168.8/26

All: 0.157 ± 0.006 χ^2/NDF : 3716.1/49

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -31.026 ± 1.026 $\chi^2/\text{NDF}: 771.7/7$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -42.915 ± 1.110 $\chi^2/\text{NDF}: 170.2/5$

Left: -36.505 ± 0.754 $\chi^2/\text{NDF}: 1003.7/13$

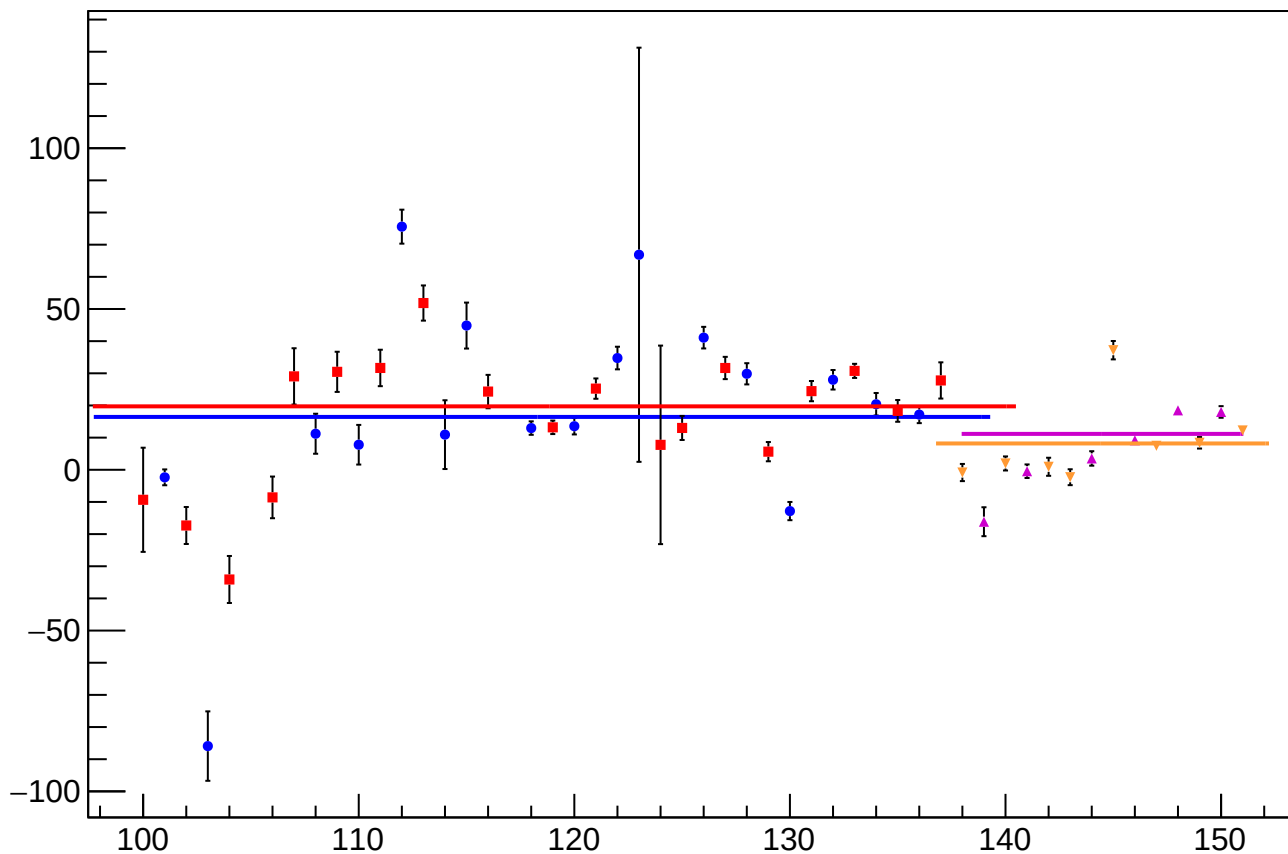
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -42.915 ± 1.110 $\chi^2/\text{NDF}: 170.2/5$

Out: -31.026 ± 1.026 $\chi^2/\text{NDF}: 771.7/7$

All: -36.505 ± 0.754 $\chi^2/\text{NDF}: 1003.7/13$

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: 11.162 $\pm$ 0.741 χ^2 /NDF:126.2/5

Left: 9.542 $\pm$ 0.500 χ^2 /NDF: 290.7/13

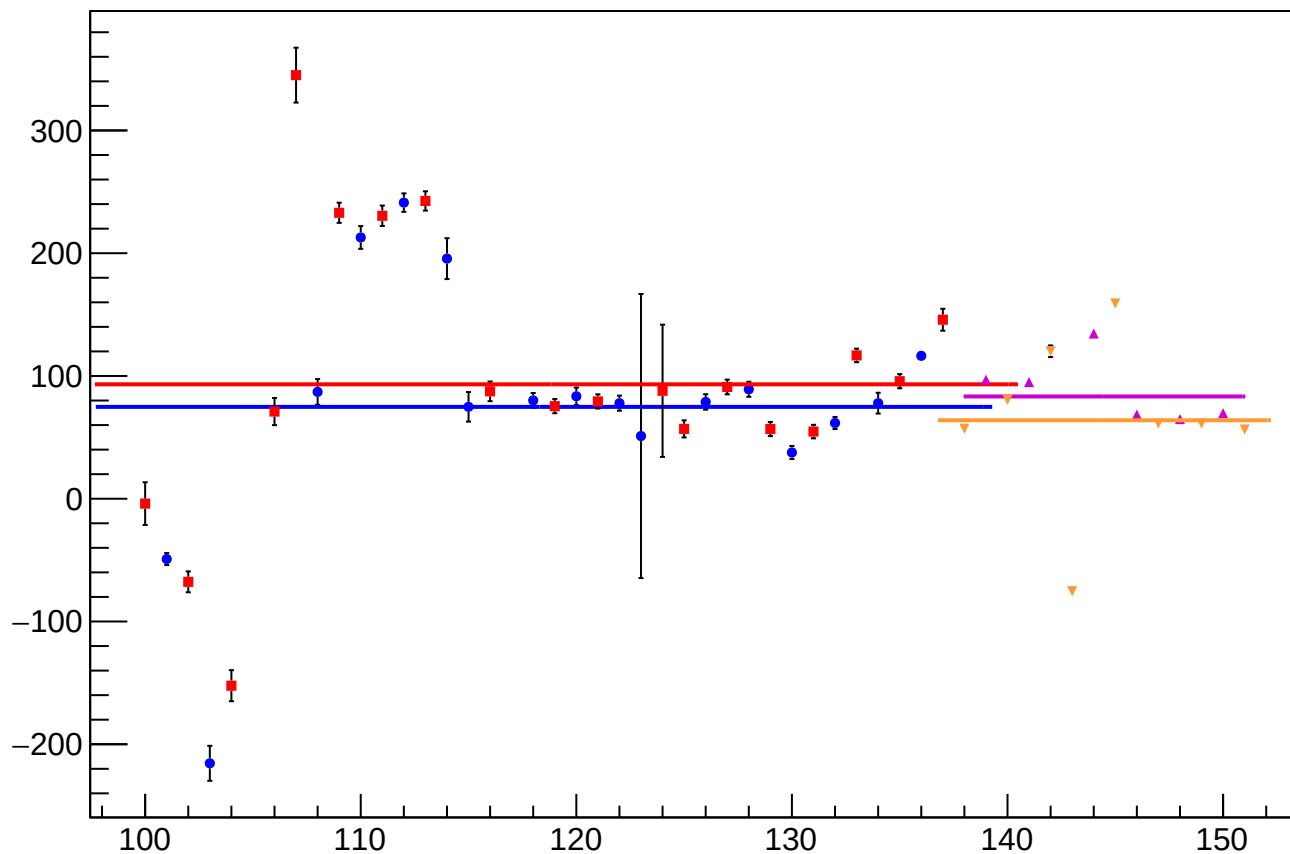
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 13.445 $\pm$ 0.558 χ^2 /NDF:665.1/22

Out: 12.378 $\pm$ 0.541 χ^2 /NDF:502.6/26

All: 12.895 $\pm$ 0.389 χ^2 /NDF: 1169.6/49

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: 83.313 ± 1.108 χ^2/NDF : 391.3/5

Left: 72.929 ± 0.755 χ^2/NDF : 2862.3/13

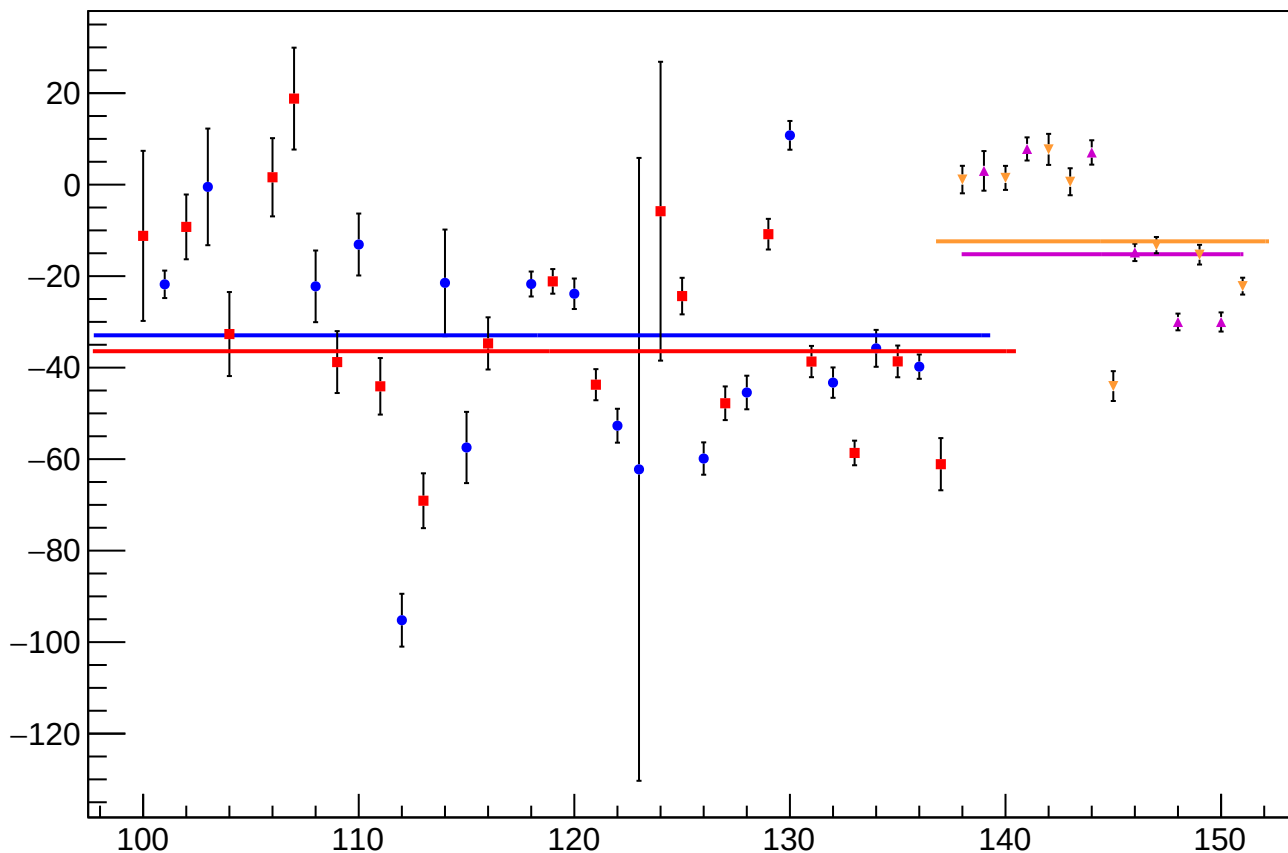
Right: 83.612 ± 1.184 χ^2/NDF : 4057.7/35

In: 80.651 ± 0.918 χ^2/NDF : 2406.5/22

Out: 71.721 ± 0.884 χ^2/NDF : 4522.2/26

All: 76.020 ± 0.637 χ^2/NDF : 6977.9/49

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: -15.212 ± 0.930 $\chi^2/\text{NDF}: 286.1/5$

Left: -13.679 ± 0.628 $\chi^2/\text{NDF}: 518.1/13$

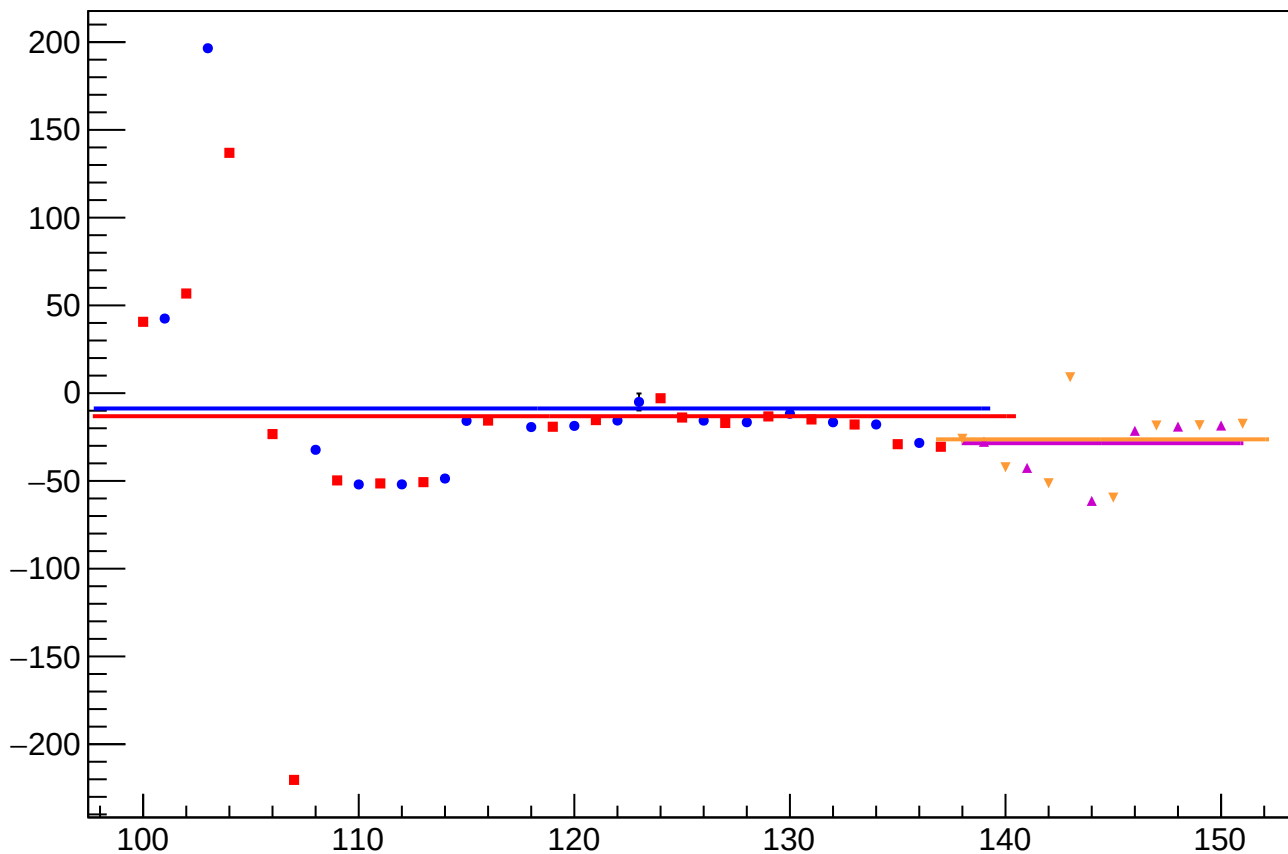
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -23.670 ± 0.672 $\chi^2/\text{NDF}: 950.1/22$

Out: -22.209 ± 0.655 $\chi^2/\text{NDF}: 846.7/26$

All: -22.921 ± 0.469 $\chi^2/\text{NDF}: 1799.3/49$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -26.309 ± 0.044 $\chi^2/\text{NDF}: 164899.7/7$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -28.504 ± 0.046 $\chi^2/\text{NDF}: 83046.5/5$

Left: -27.354 ± 0.032 $\chi^2/\text{NDF}: 249149.7/13$

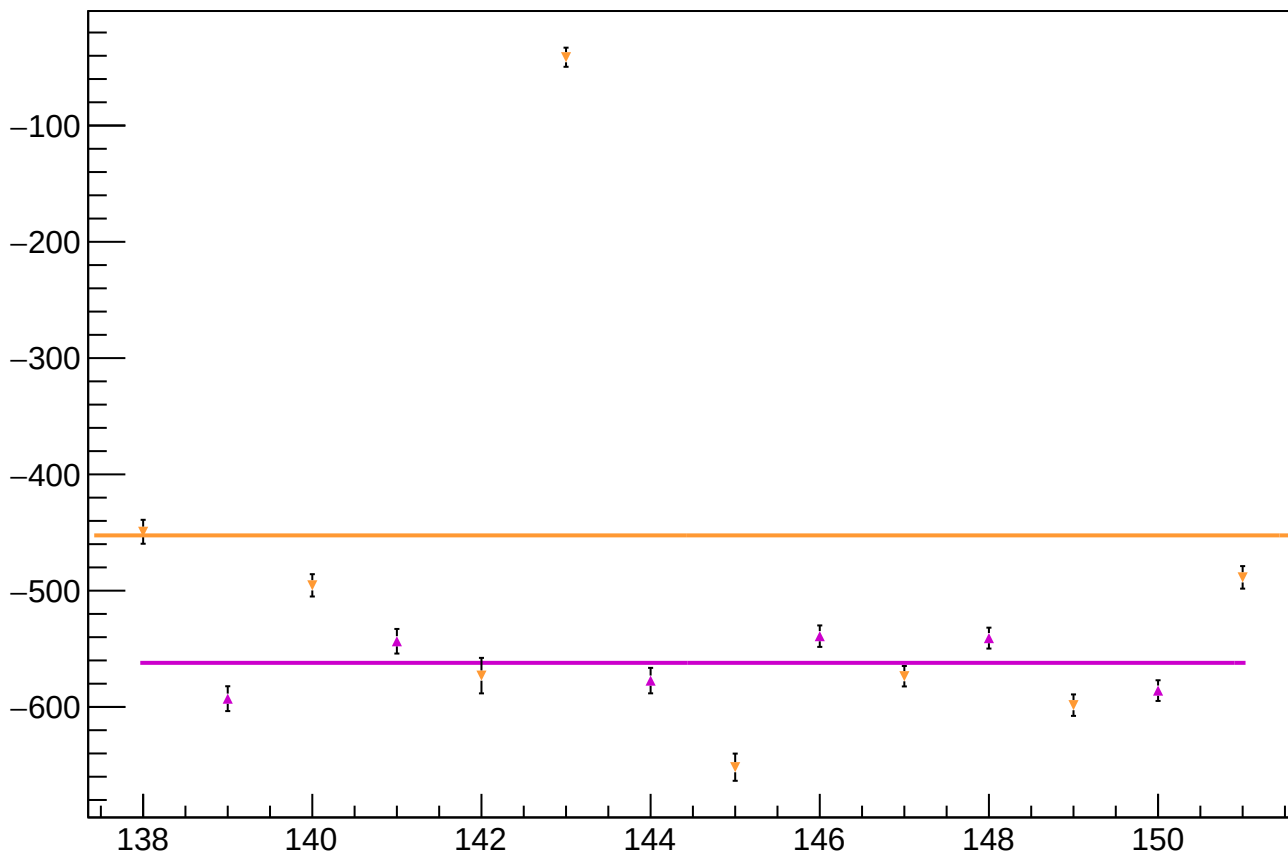
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.049 ± 0.036 $\chi^2/\text{NDF}: 729245.0/22$

Out: -21.917 ± 0.036 $\chi^2/\text{NDF}: 753865.7/26$

All: -21.489 ± 0.025 $\chi^2/\text{NDF}: 1483402.6/49$

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: -562.073+/-3.990 χ^2/NDF :32.3/5

Left: -500.002+/-2.628 χ^2/NDF : 3786.0/13

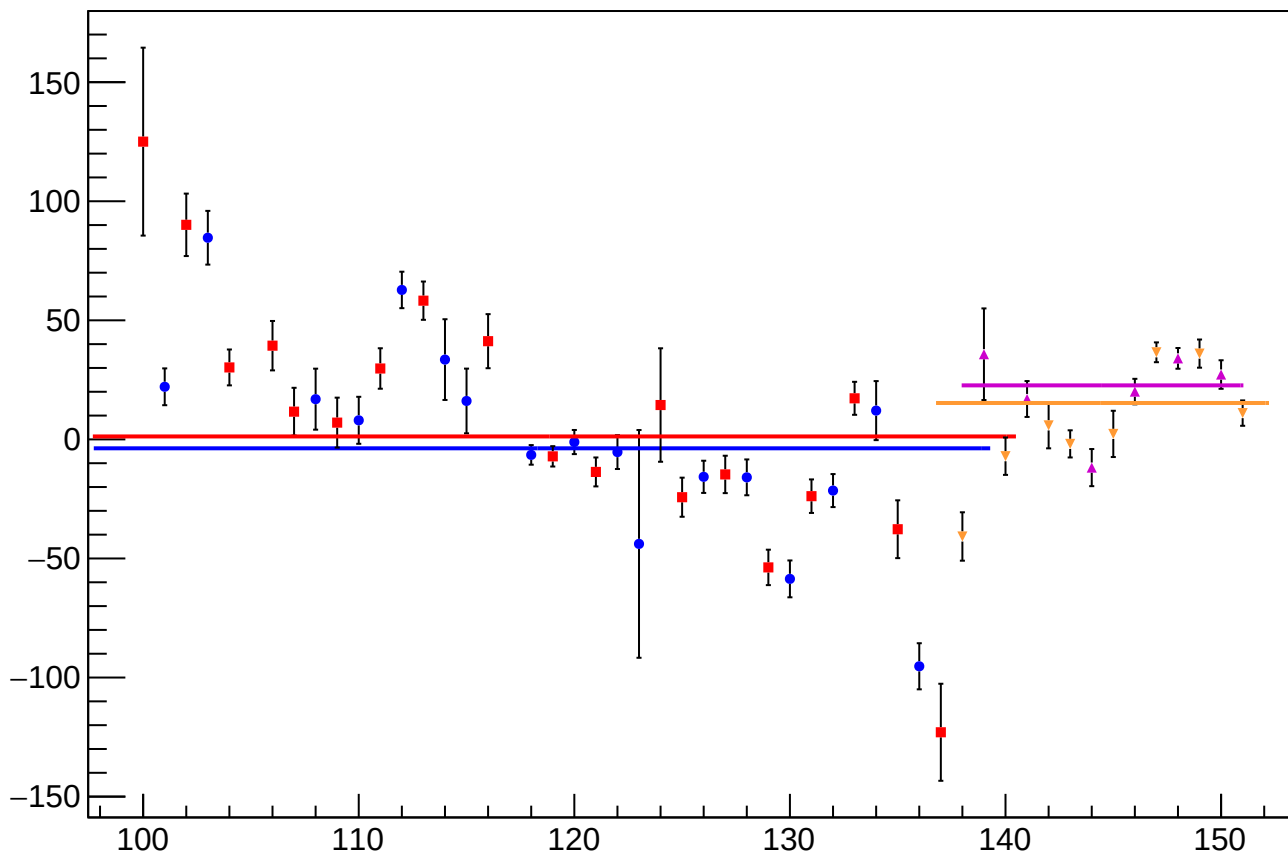
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -562.073+/-3.990 χ^2/NDF :32.3/5

Out: -452.461+/-3.492 χ^2/NDF :3326.2/7

All: -500.002+/-2.628 χ^2/NDF : 3786.0/13

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: 22.686 ± 2.564 χ^2/NDF : 28.2/5

Left: 18.490 ± 1.686 χ^2/NDF : 122.4/13

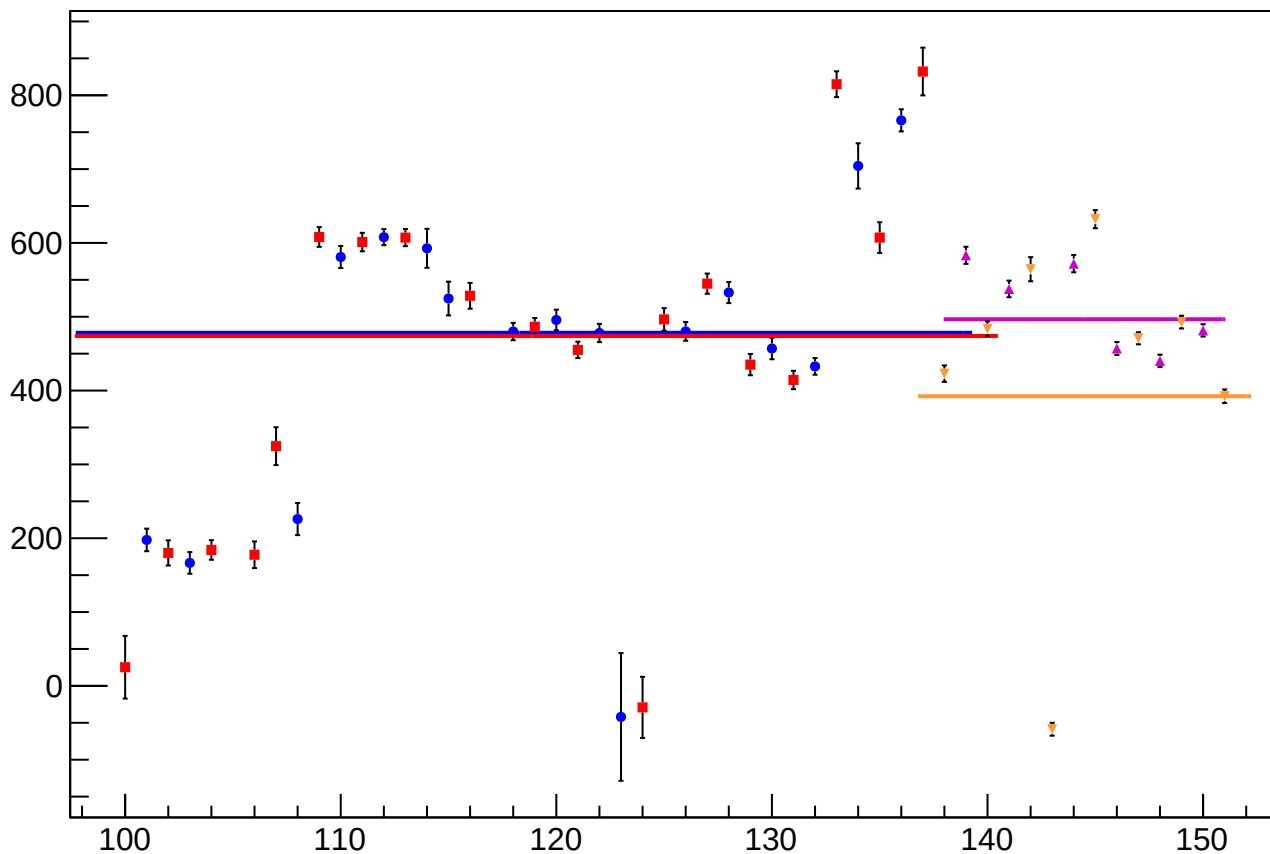
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.575 ± 1.522 χ^2/NDF : 411.1/22

Out: 7.180 ± 1.456 χ^2/NDF : 415.7/26

All: 6.413 ± 1.052 χ^2/NDF : 827.4/49

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: 496.595 $\pm$ 3.950 χ^2 /NDF:179.0/5

Left: 438.422 $\pm$ 2.626 χ^2 /NDF: 4015.4/13

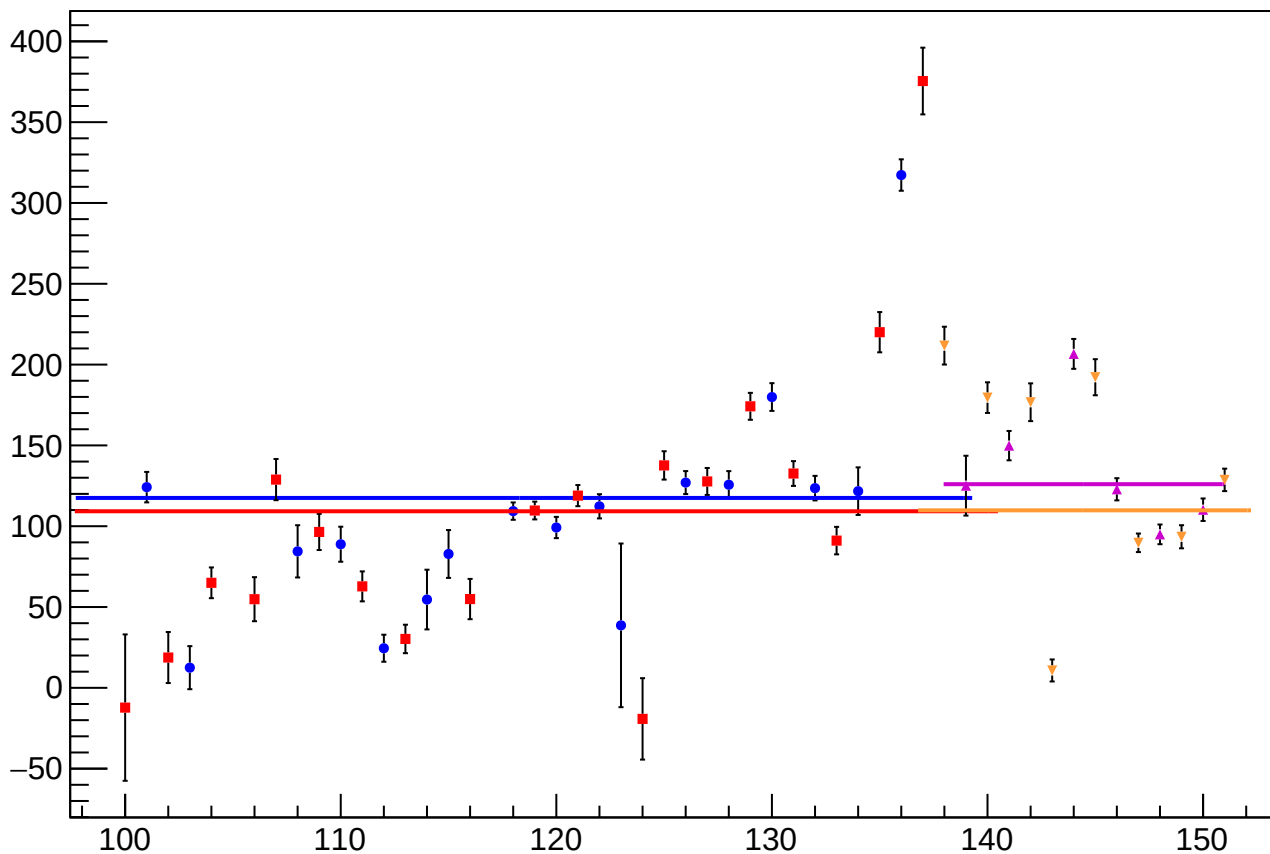
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 486.678 $\pm$ 2.676 χ^2 /NDF:1818.6/22

Out: 433.004 $\pm$ 2.490 χ^2 /NDF:6004.6/26

All: 457.913 $\pm$ 1.823 χ^2 /NDF: 8038.8/49

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 109.823 $\pm$ 2.818 χ^2 /NDF: 453.4/7

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 126.005 $\pm$ 3.234 χ^2 /NDF: 114.2/5

Left: 116.805 $\pm$ 2.124 χ^2 /NDF: 581.8/13

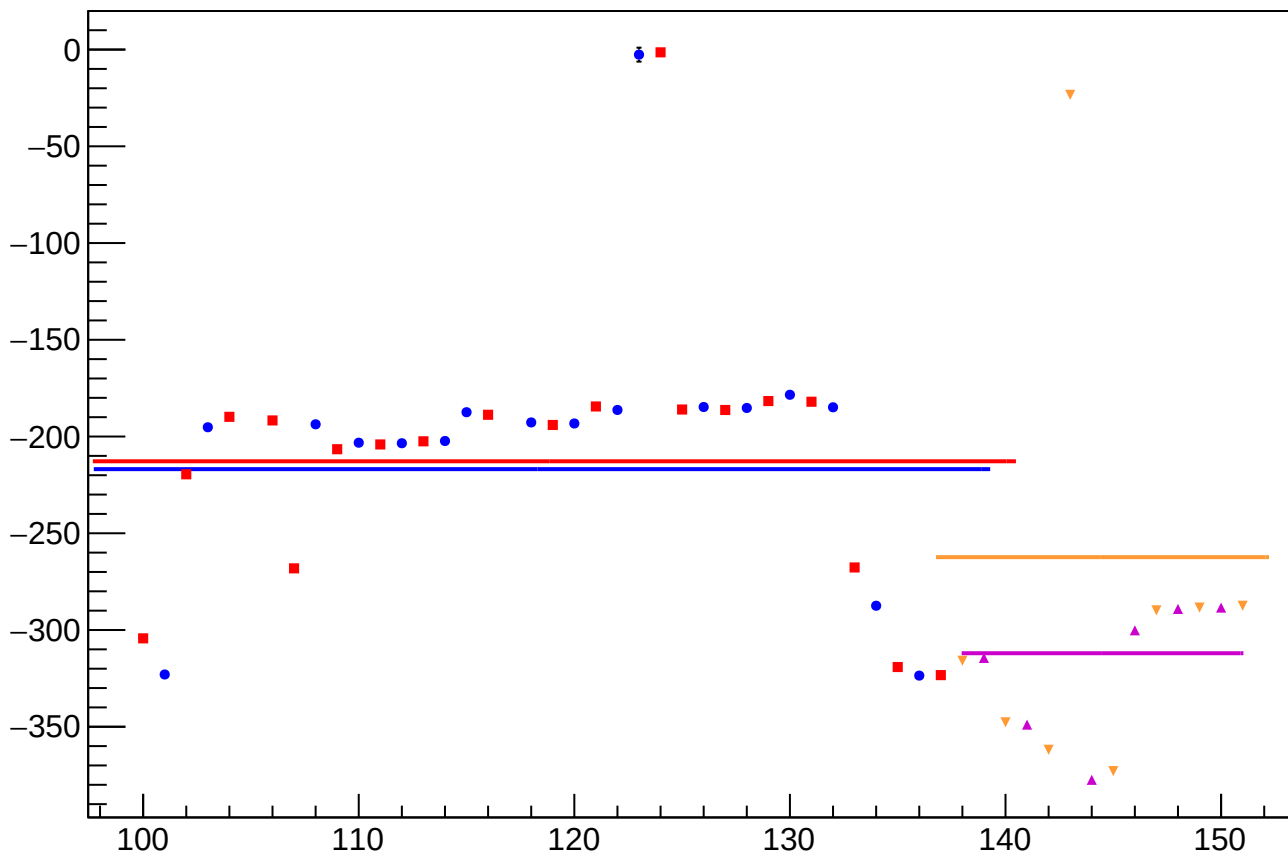
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 120.188 $\pm$ 1.818 χ^2 /NDF: 824.9/22

Out: 109.466 $\pm$ 1.737 χ^2 /NDF: 1022.8/26

All: 114.583 $\pm$ 1.256 χ^2 /NDF: 1865.9/49

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: -311.997±/0.165 χ^2/NDF : 32339.2/5

Left: -284.680±/0.111 χ^2/NDF : 681926.5/13

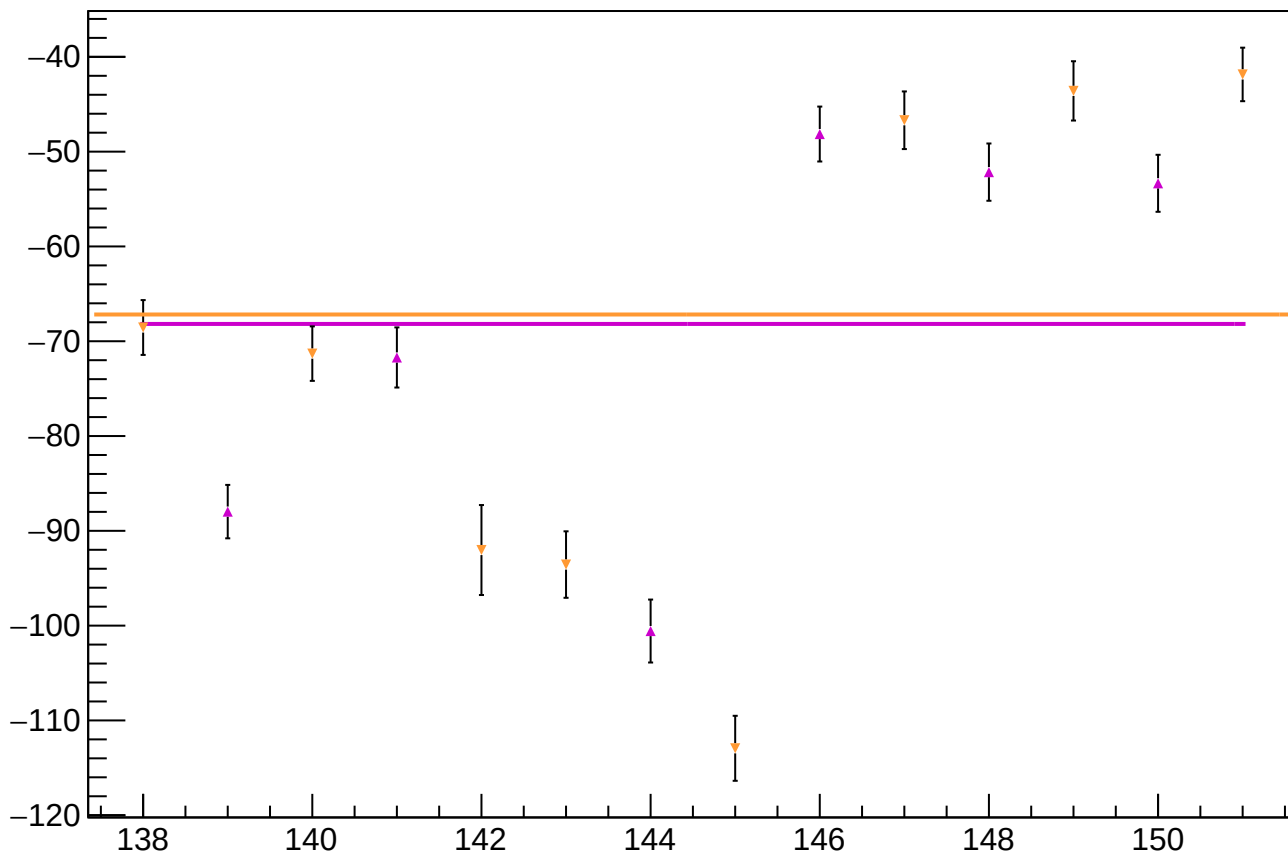
Right: -214.736±/0.094 χ^2/NDF : 263984.4/35

In: -255.216±/0.105 χ^2/NDF : 377006.7/22

Out: -234.151±/0.098 χ^2/NDF : 779098.4/26

All: -243.975±/0.072 χ^2/NDF : 1177602.8/49

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: -68.175+/-1.235 χ^2/NDF :246.1/5

Left: -67.632+/-0.833 χ^2/NDF : 693.7/13

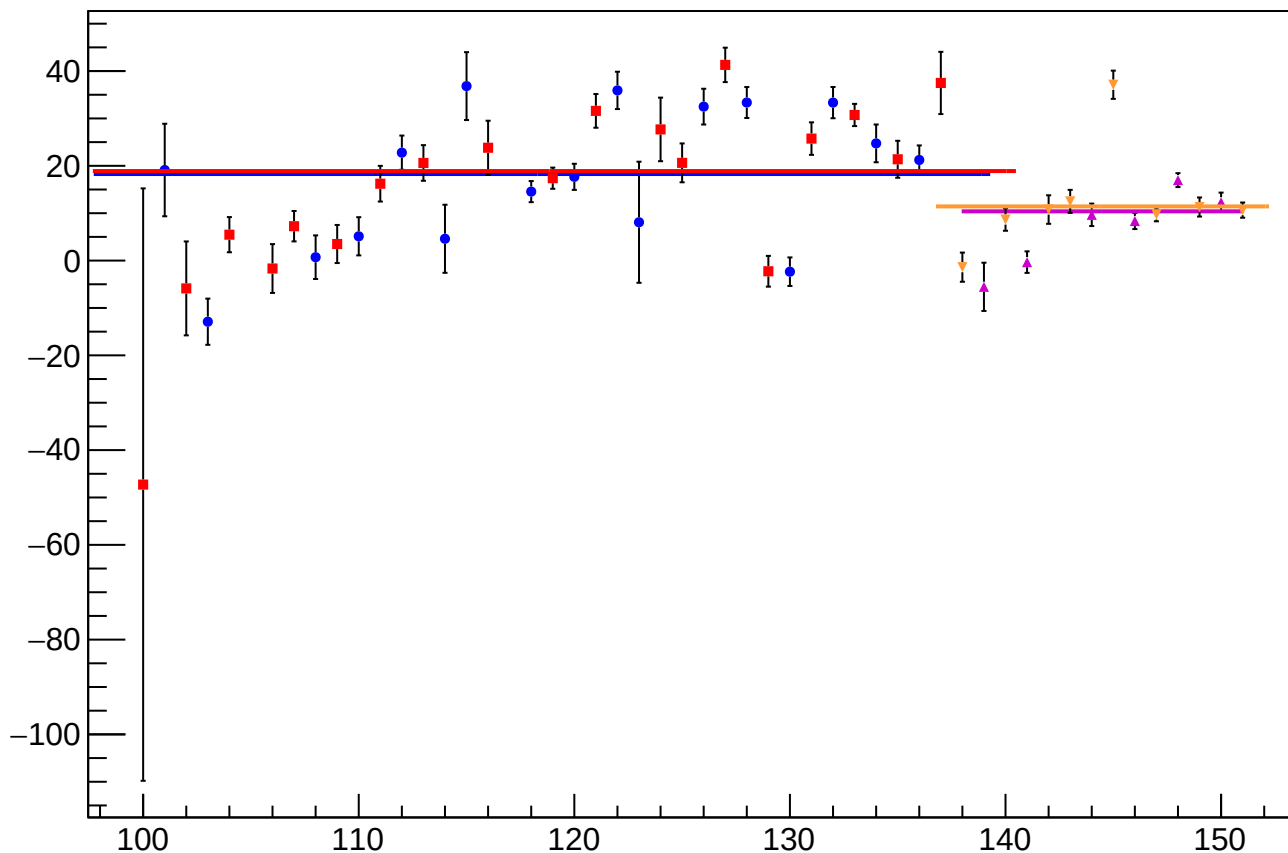
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.175+/-1.235 χ^2/NDF :246.1/5

Out: -67.179+/-1.127 χ^2/NDF :447.3/7

All: -67.632+/-0.833 χ^2/NDF : 693.7/13

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 11.433 $\pm$ 0.747 χ^2 /NDF: 94.7/7

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 10.394 $\pm$ 0.828 χ^2 /NDF: 54.5/5

Left: 10.967 $\pm$ 0.555 χ^2 /NDF: 150.1/13

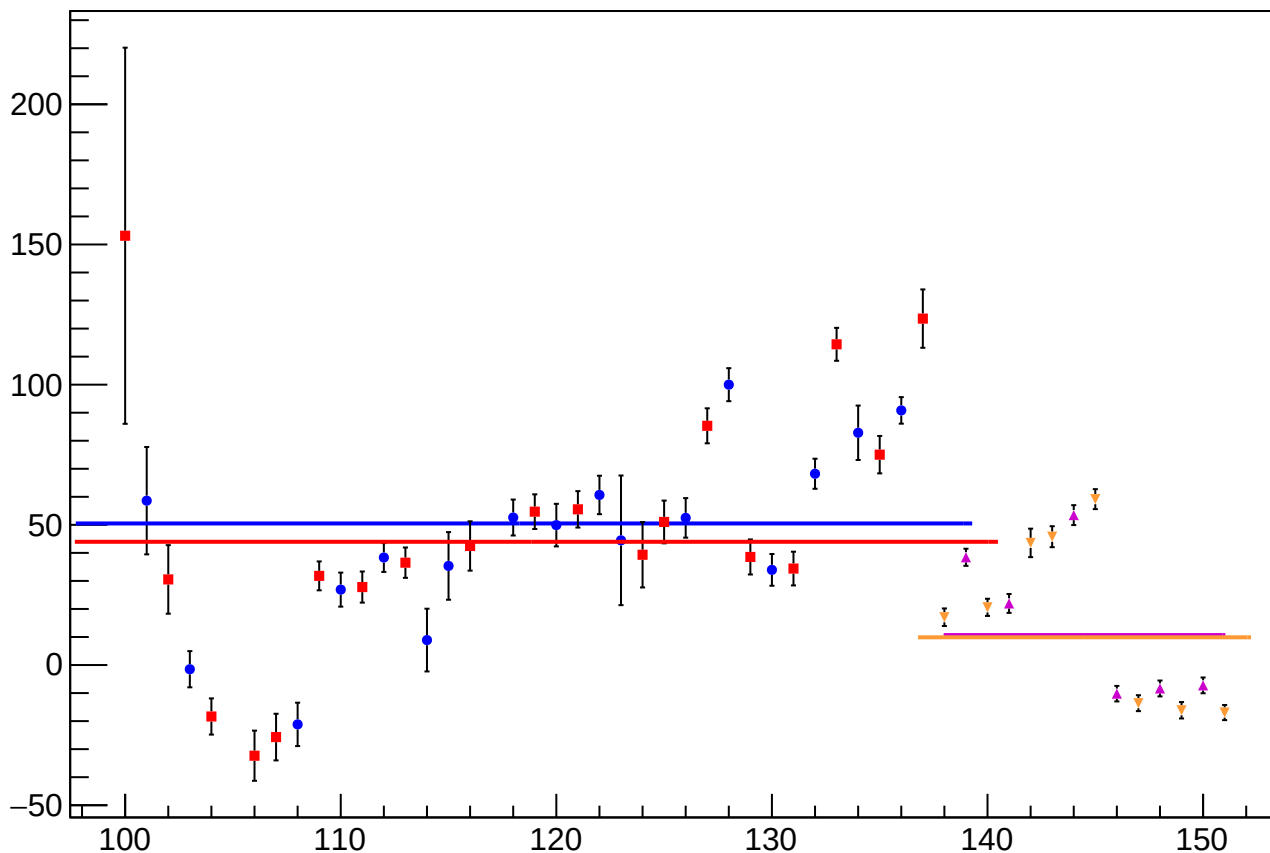
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 13.976 $\pm$ 0.612 χ^2 /NDF: 303.9/22

Out: 14.626 $\pm$ 0.565 χ^2 /NDF: 336.7/26

All: 14.326 $\pm$ 0.415 χ^2 /NDF: 641.2/49

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: 10.695 $\pm$ 1.235 χ^2 /NDF:381.9/5

Left: 10.258 $\pm$ 0.836 χ^2 /NDF: 973.3/13

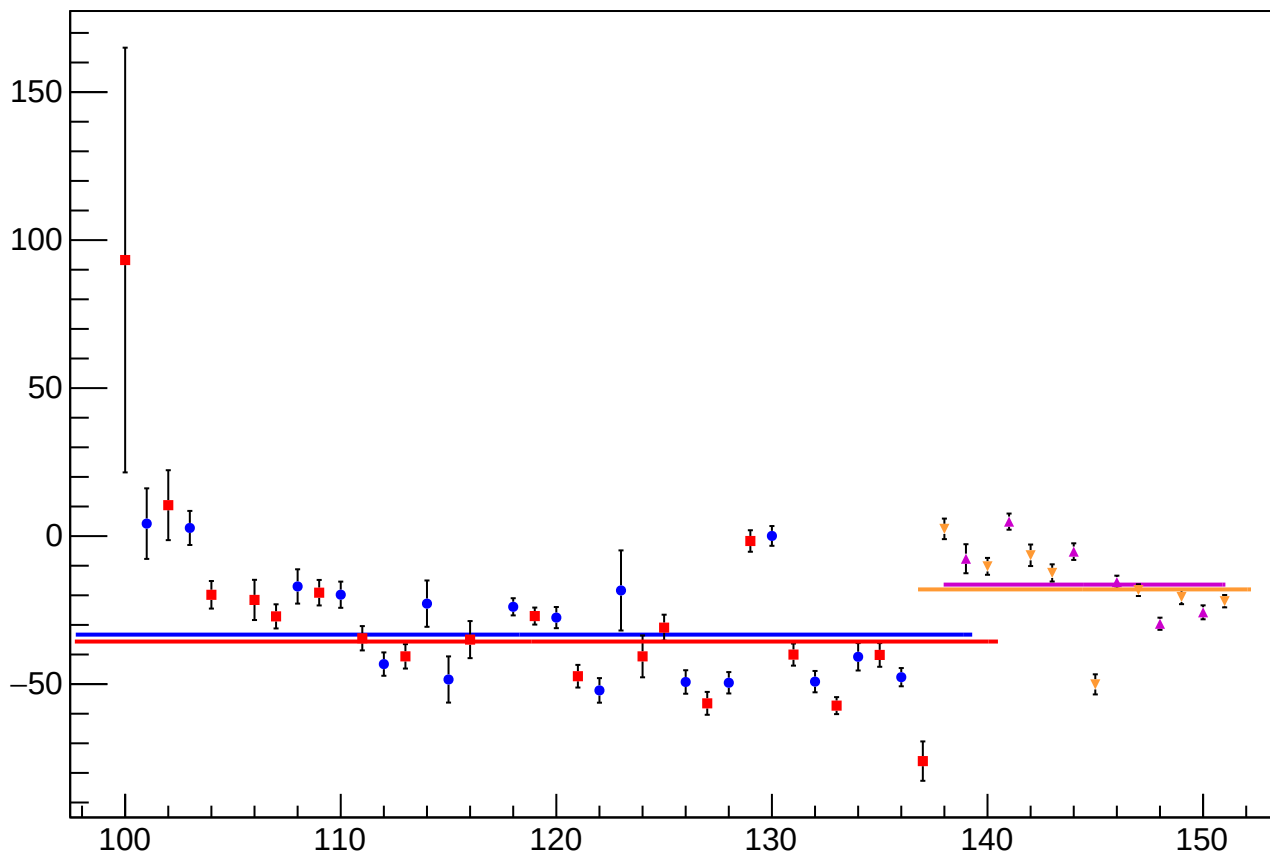
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 24.752 $\pm$ 0.993 χ^2 /NDF:1112.2/22

Out: 21.273 $\pm$ 0.927 χ^2 /NDF:1426.2/26

All: 22.893 $\pm$ 0.678 χ^2 /NDF: 2544.9/49

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -18.008 ± 0.937 χ^2/NDF : 149.9/7

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -16.384 ± 1.037 χ^2/NDF : 137.1/5

Left: -17.278 ± 0.695 χ^2/NDF : 288.4/13

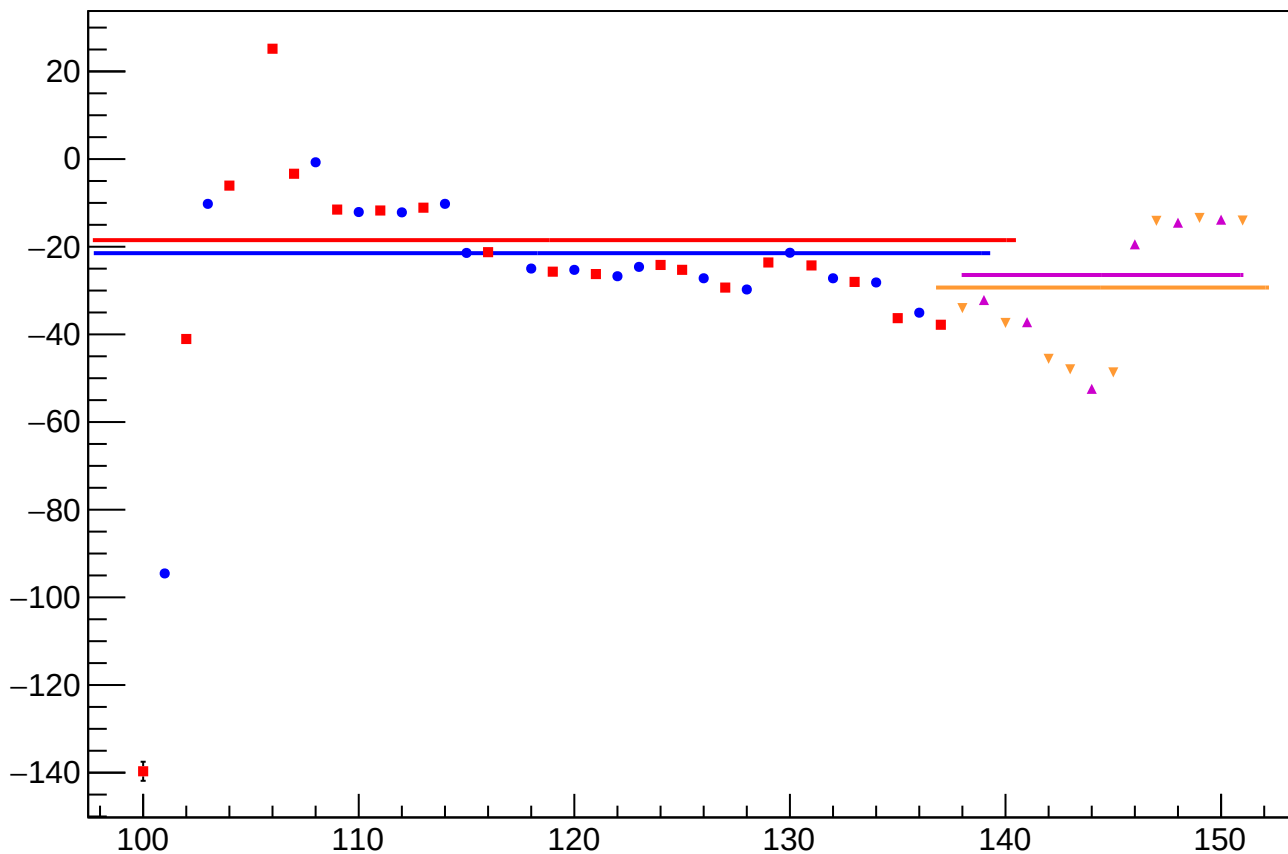
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -24.850 ± 0.732 χ^2/NDF : 563.1/22

Out: -26.306 ± 0.681 χ^2/NDF : 604.1/26

All: -25.631 ± 0.499 χ^2/NDF : 1169.3/49

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -29.311+/-0.048 χ^2/NDF : 91822.6/7

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -26.447+/-0.051 χ^2/NDF : 61287.4/5

Left: -27.968+/-0.035 χ^2/NDF : 154780.2/13

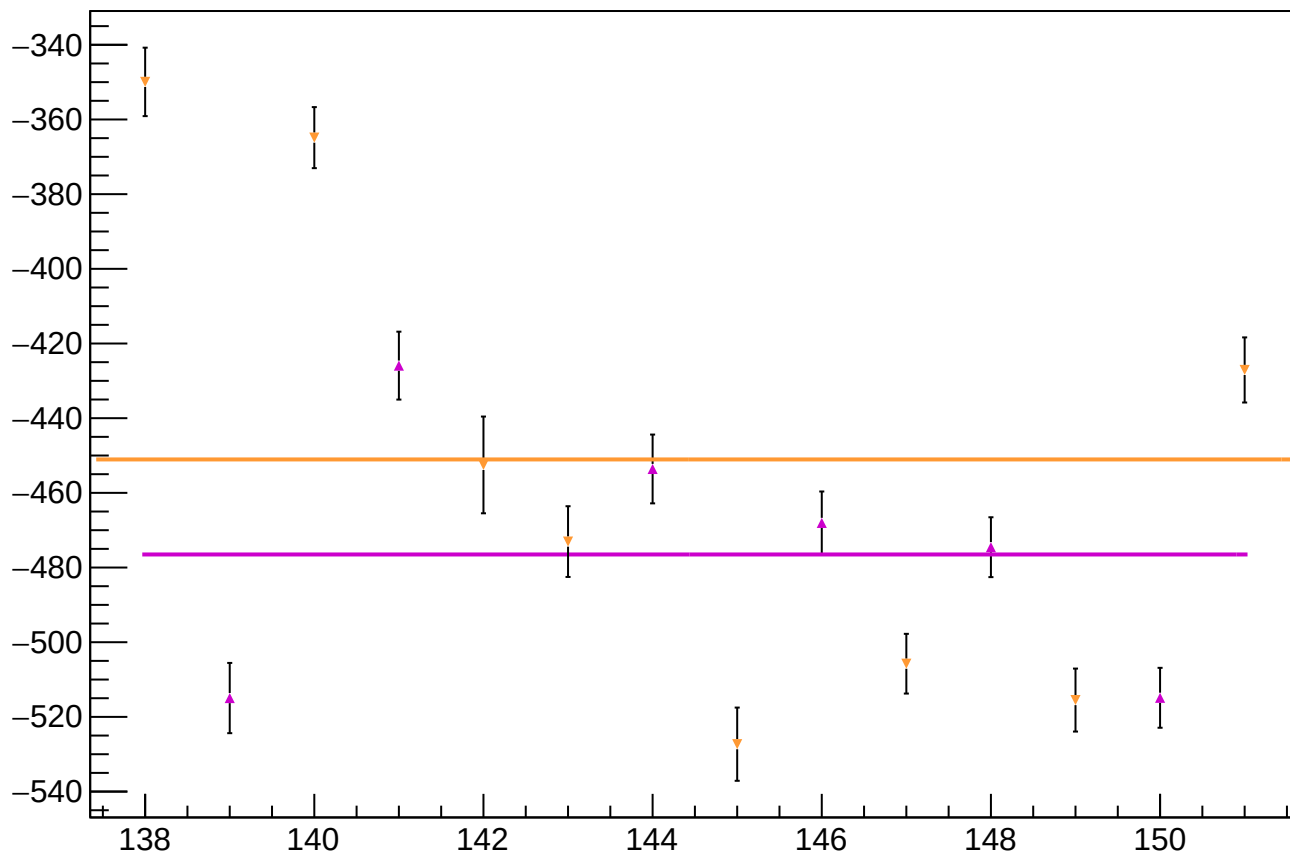
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -24.304+/-0.039 χ^2/NDF : 114358.1/22

Out: -24.858+/-0.037 χ^2/NDF : 193435.6/26

All: -24.594+/-0.027 χ^2/NDF : 307901.5/49

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: -476.501+/-3.527 χ^2/NDF :77.8/5

Left: -462.570+/-2.373 χ^2/NDF : 517.8/13

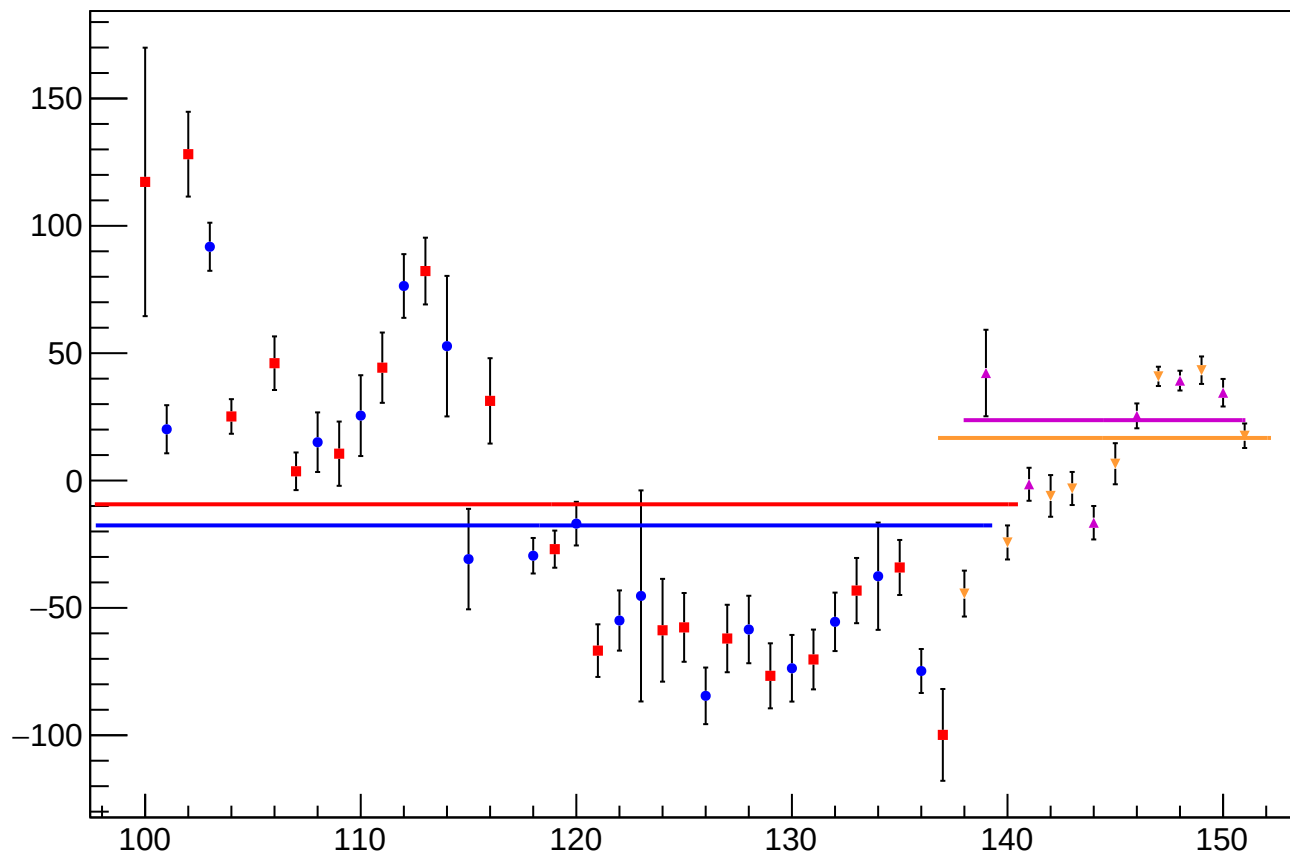
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -476.501+/-3.527 χ^2/NDF :77.8/5

Out: -451.049+/-3.207 χ^2/NDF :411.5/7

All: -462.570+/-2.373 χ^2/NDF : 517.8/13

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: 23.703 ± 2.276 $\chi^2/\text{NDF}: 73.9/5$

Left: 19.862 ± 1.527 $\chi^2/\text{NDF}: 246.4/13$

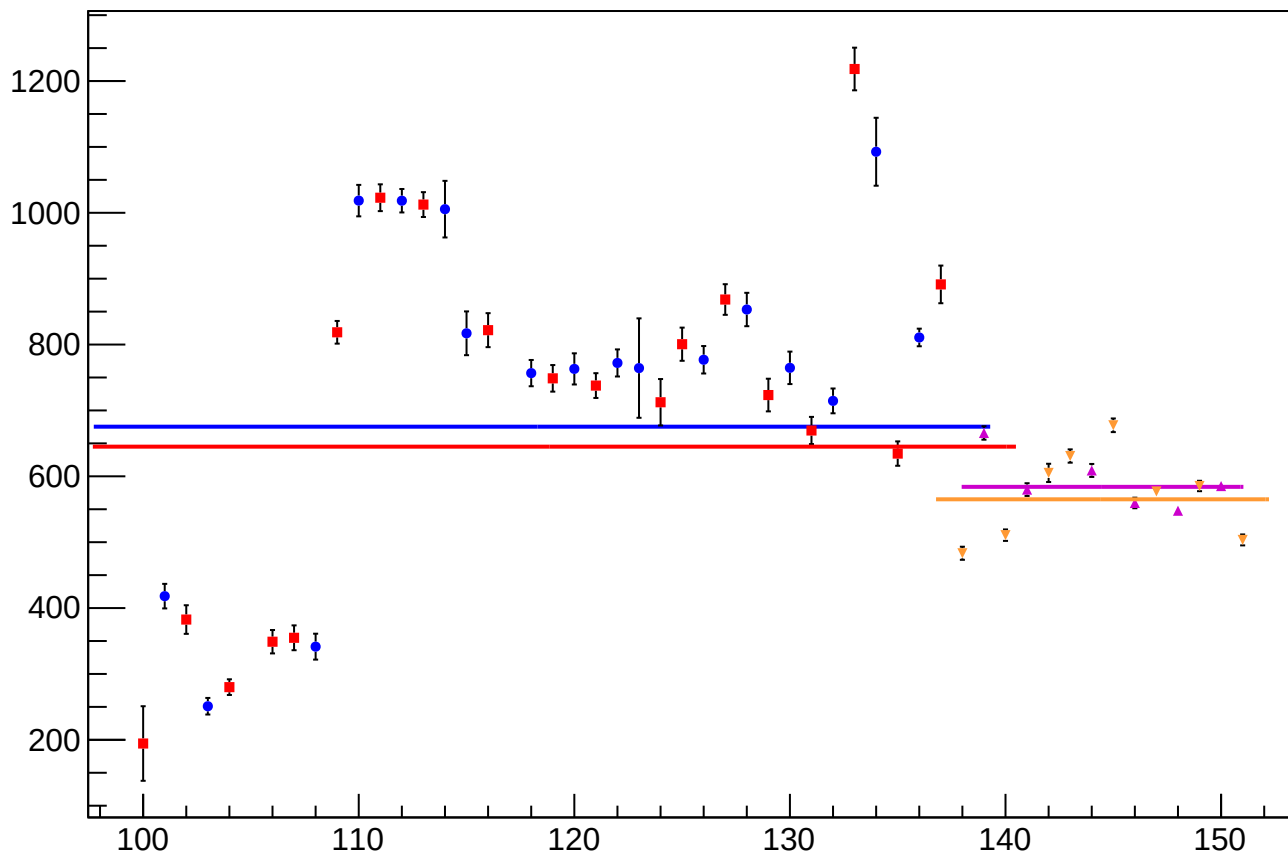
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 7.162 ± 1.763 $\chi^2/\text{NDF}: 567.9/22$

Out: 6.725 ± 1.616 $\chi^2/\text{NDF}: 595.2/26$

All: 6.924 ± 1.191 $\chi^2/\text{NDF}: 1163.1/49$

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: 584.016 ± 3.501 χ^2/NDF : 103.7/5

Left: 573.778 ± 2.372 χ^2/NDF : 459.4/13

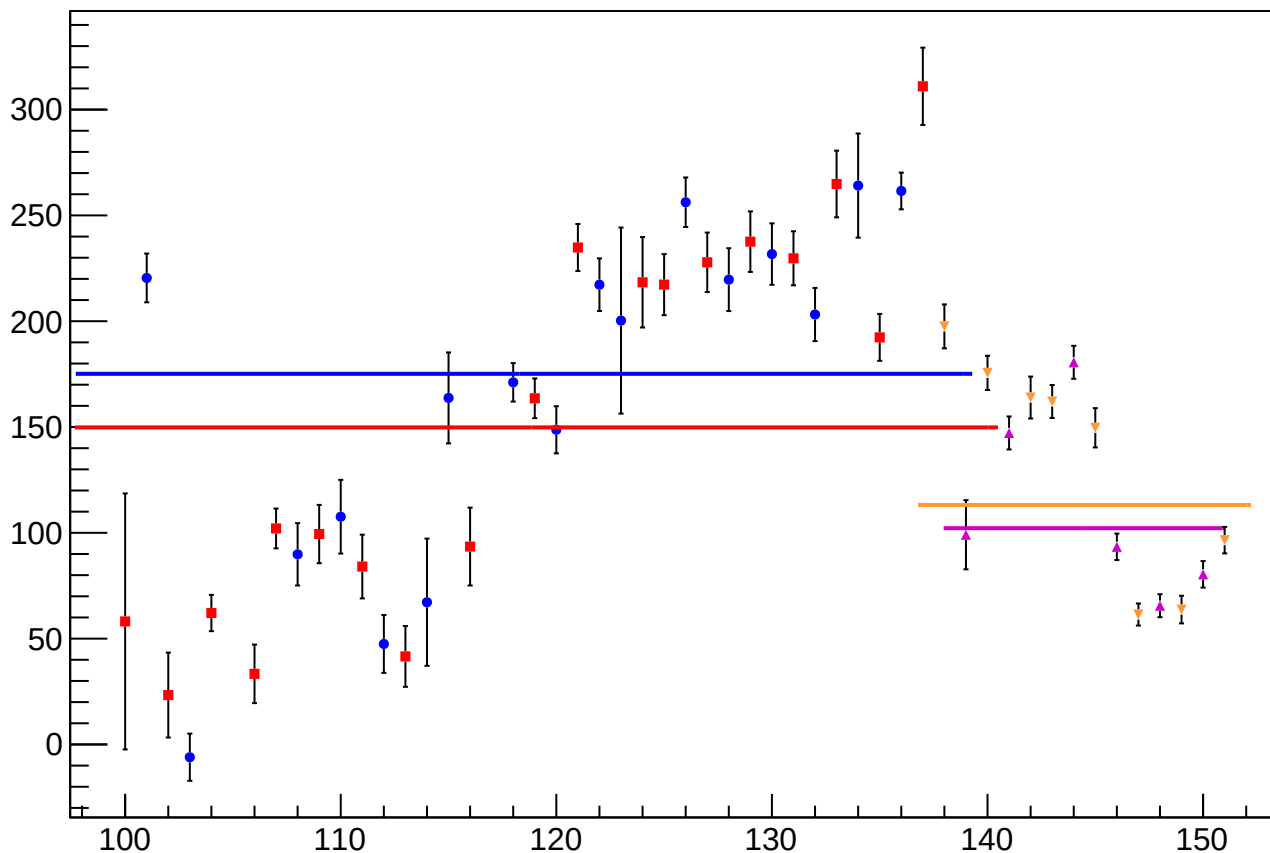
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 613.691 ± 2.876 χ^2/NDF : 2907.5/22

Out: 590.249 ± 2.669 χ^2/NDF : 3656.1/26

All: 601.095 ± 1.957 χ^2/NDF : 6599.3/49

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: 102.184 $\pm$ 2.869 χ^2 /NDF:194.1/5

Left: 108.220 $\pm$ 1.925 χ^2 /NDF: 571.4/13

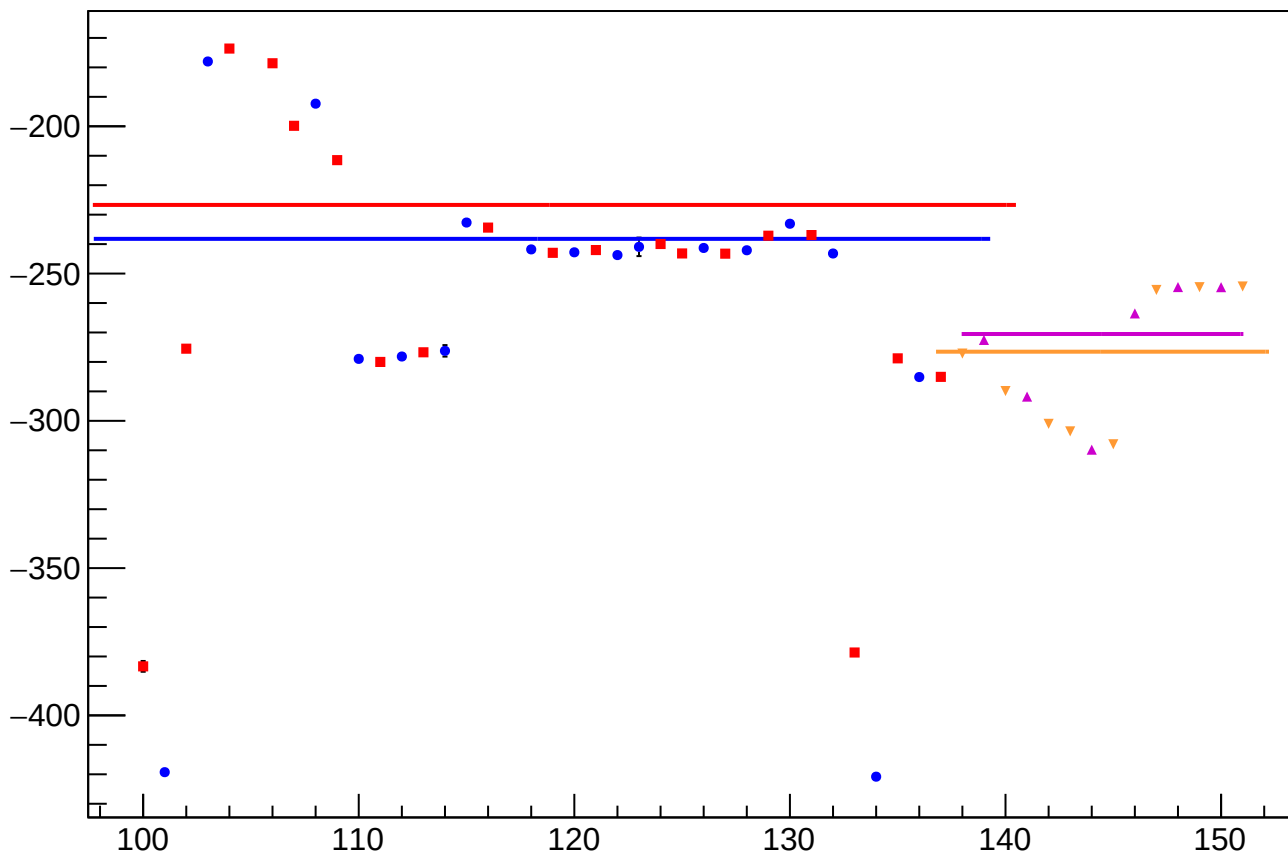
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 134.586 $\pm$ 2.139 χ^2 /NDF:1117.0/22

Out: 128.614 $\pm$ 1.975 χ^2 /NDF:1141.8/26

All: 131.362 $\pm$ 1.451 χ^2 /NDF: 2263.0/49

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: -270.518+/-0.146 χ^2/NDF : 16647.5/5

Left: -273.706+/-0.100 χ^2/NDF : 42467.3/13

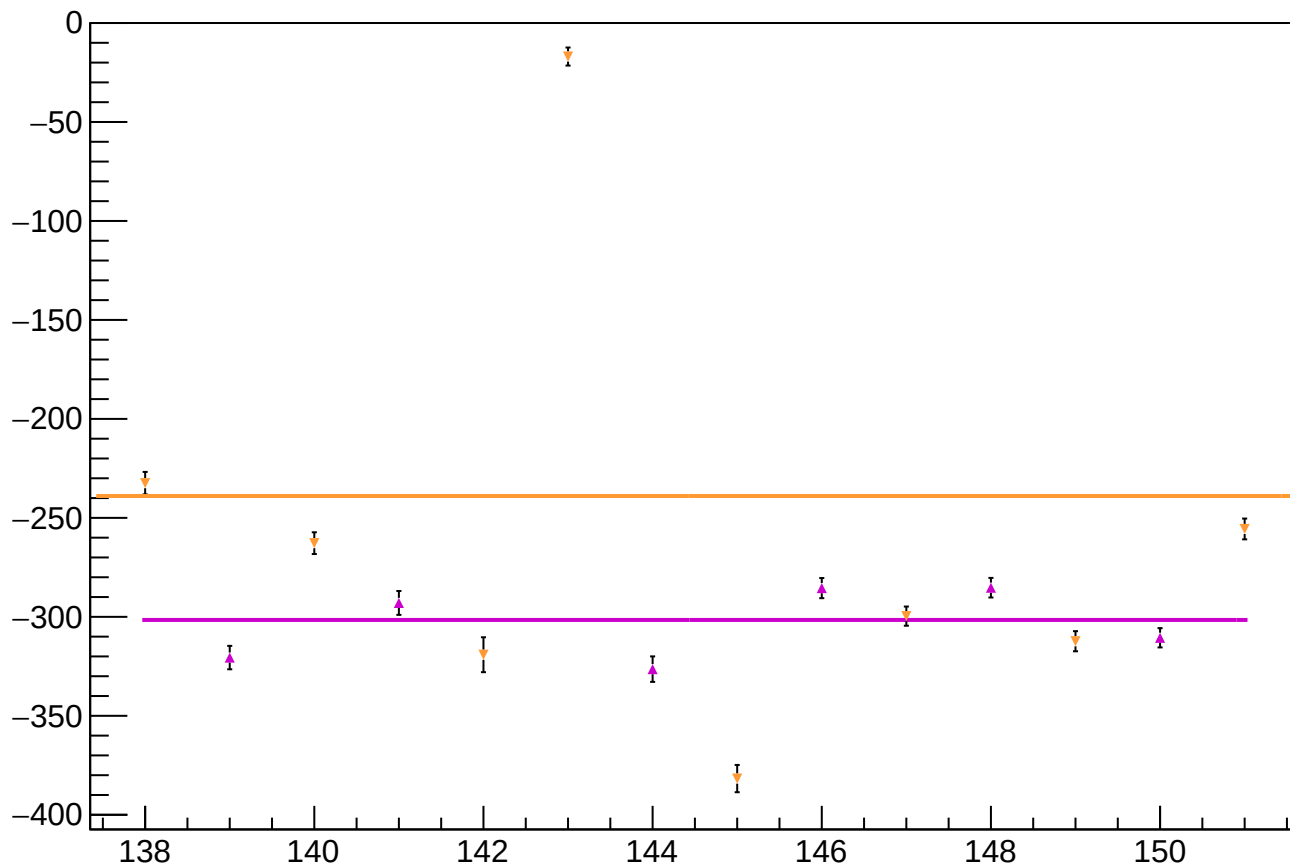
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -255.809+/-0.108 χ^2/NDF : 205925.5/22

Out: -253.937+/-0.102 χ^2/NDF : 187227.2/26

All: -254.817+/-0.074 χ^2/NDF : 393311.9/49

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: -301.567+/-2.227 χ^2/NDF :51.5/5

Left: -266.085+/-1.466 χ^2/NDF : 3774.7/13

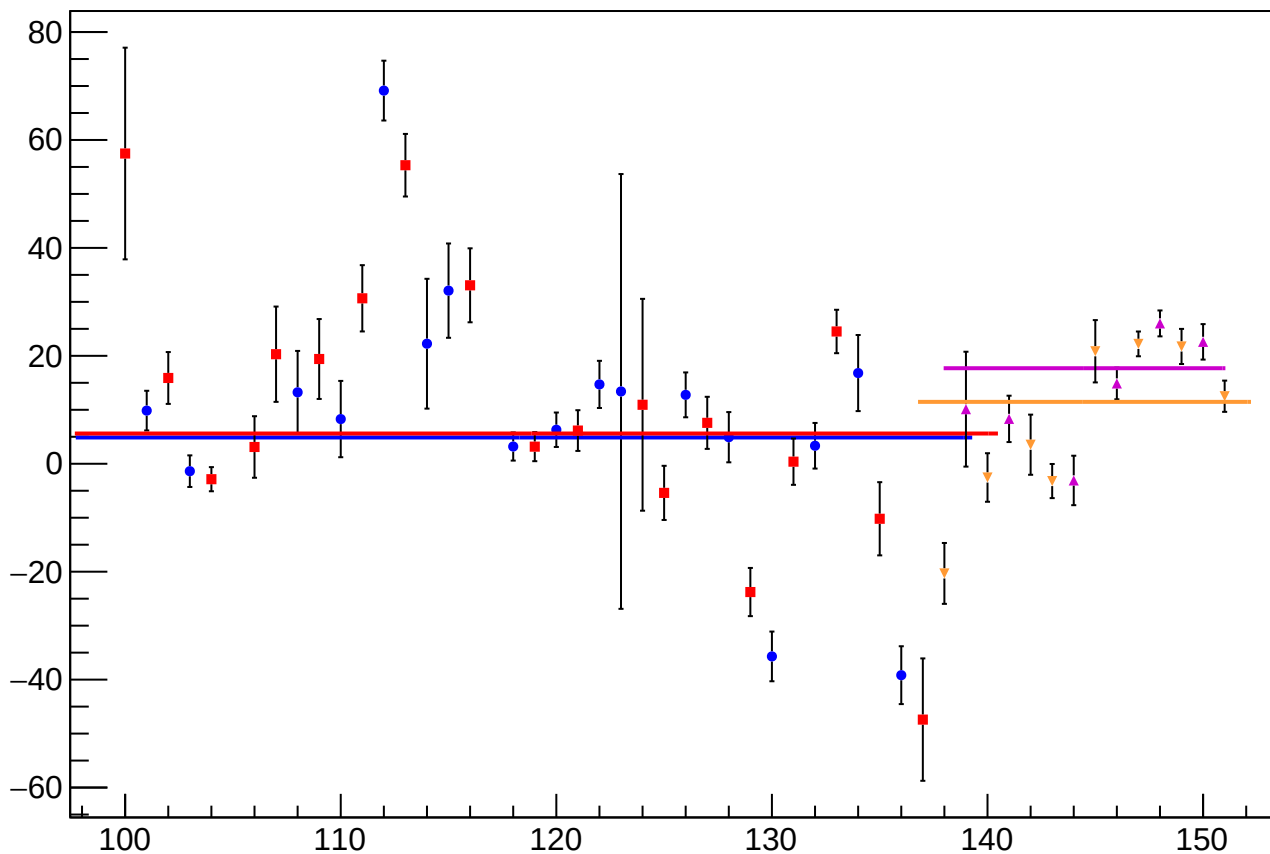
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -301.567+/-2.227 χ^2/NDF :51.5/5

Out: -238.944+/-1.947 χ^2/NDF :3275.1/7

All: -266.085+/-1.466 χ^2/NDF : 3774.7/13

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 11.470 ± 1.244 $\chi^2/\text{NDF}: 99.6/7$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 17.704 ± 1.424 $\chi^2/\text{NDF}: 41.0/5$

Left: 14.166 ± 0.937 $\chi^2/\text{NDF}: 151.5/13$

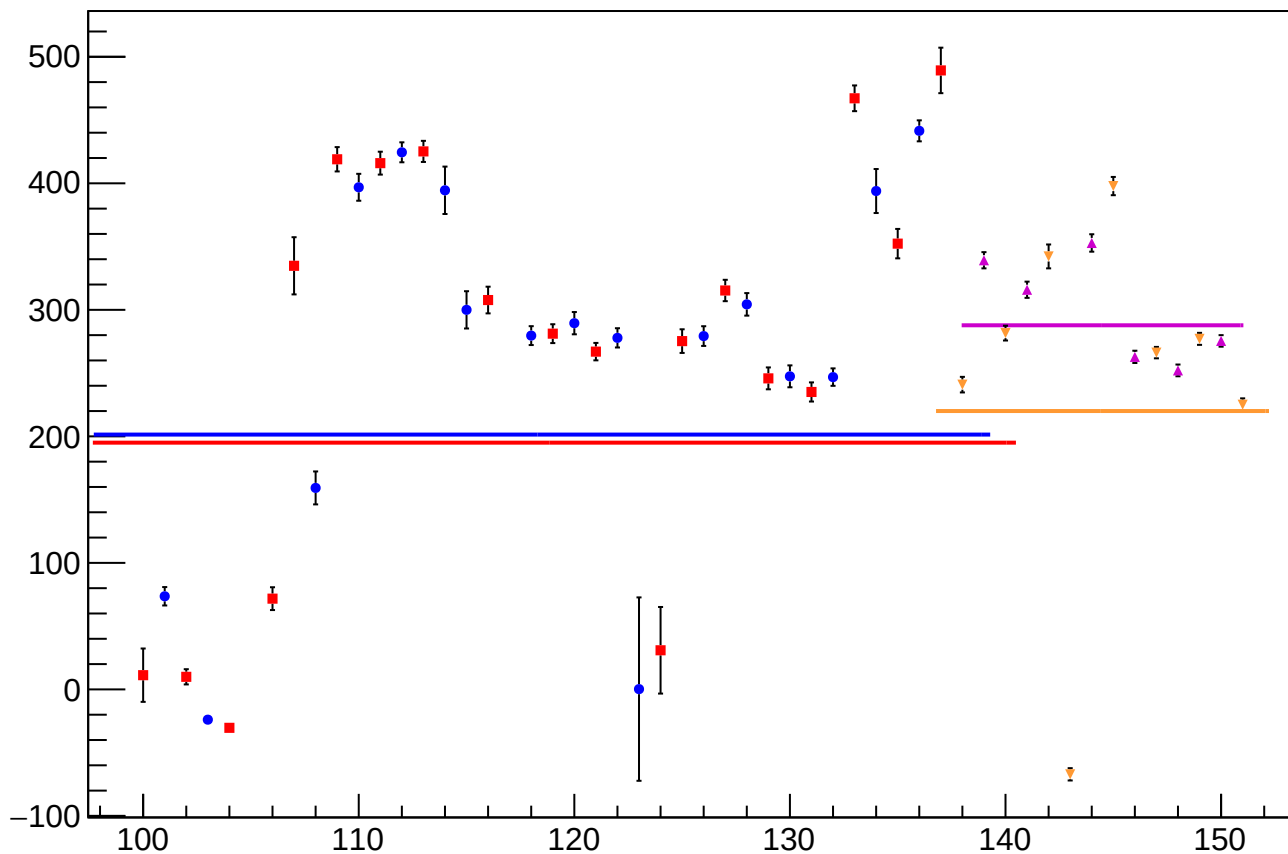
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 9.613 ± 0.866 $\chi^2/\text{NDF}: 403.7/22$

Out: 8.098 ± 0.811 $\chi^2/\text{NDF}: 351.0/26$

All: 8.806 ± 0.592 $\chi^2/\text{NDF}: 756.3/49$

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: 287.790 $\pm$ 2.200 χ^2 /NDF:265.5/5

Left: 249.950 $\pm$ 1.462 χ^2 /NDF: 5421.3/13

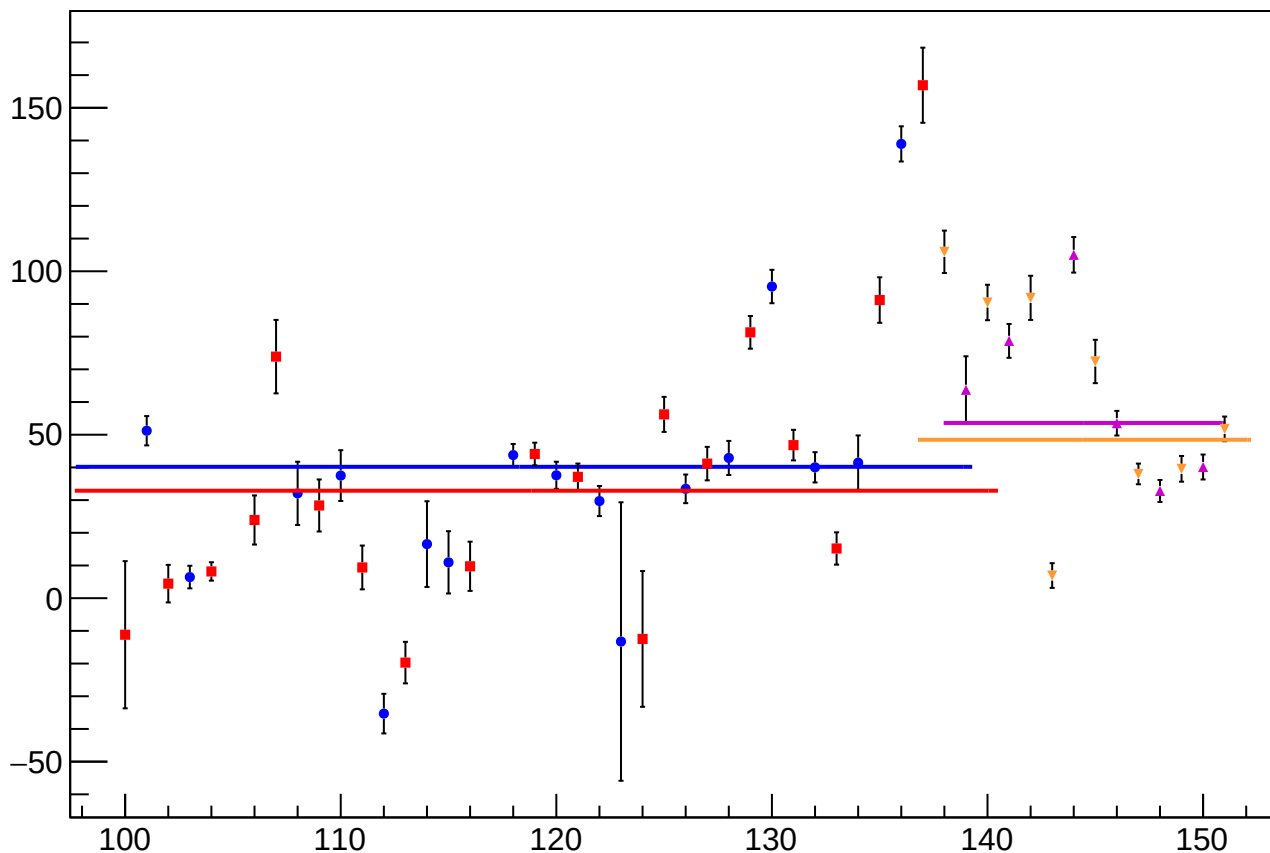
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 239.934 $\pm$ 1.469 χ^2 /NDF:7860.3/22

Out: 207.308 $\pm$ 1.371 χ^2 /NDF:12963.5/26

All: 222.502 $\pm$ 1.002 χ^2 /NDF: 21087.4/49

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: 53.595 ± 1.800 $\chi^2/\text{NDF}: 164.7/5$

Left: 50.671 ± 1.182 $\chi^2/\text{NDF}: 499.9/13$

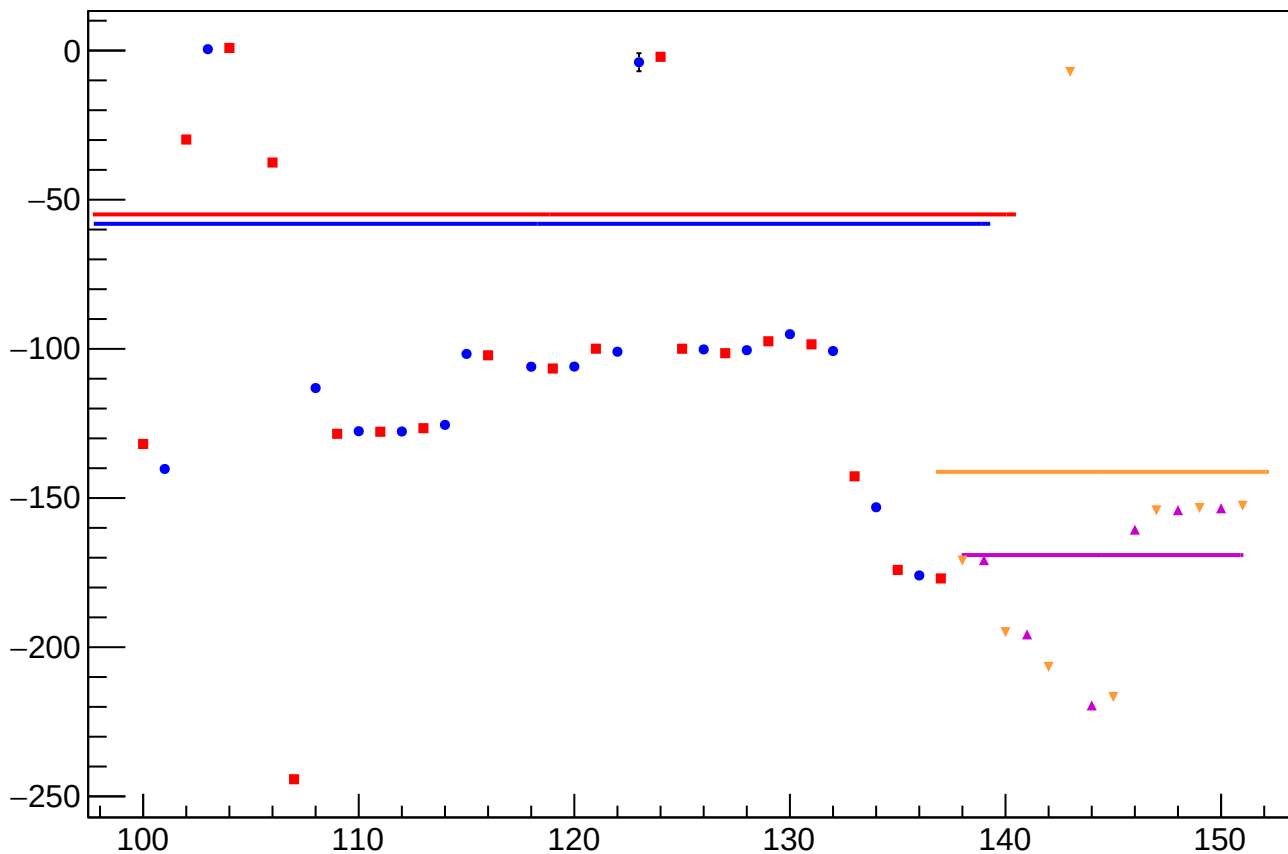
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 44.640 ± 1.038 $\chi^2/\text{NDF}: 935.8/22$

Out: 38.937 ± 0.978 $\chi^2/\text{NDF}: 941.9/26$

All: 41.619 ± 0.712 $\chi^2/\text{NDF}: 1893.7/49$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -141.212 $\pm$ 0.083 χ^2 /NDF: 639553.1/7

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -169.113 $\pm$ 0.092 χ^2 /NDF: 52340.9/5

Left: -153.772 $\pm$ 0.062 χ^2 /NDF: 742461.9/13

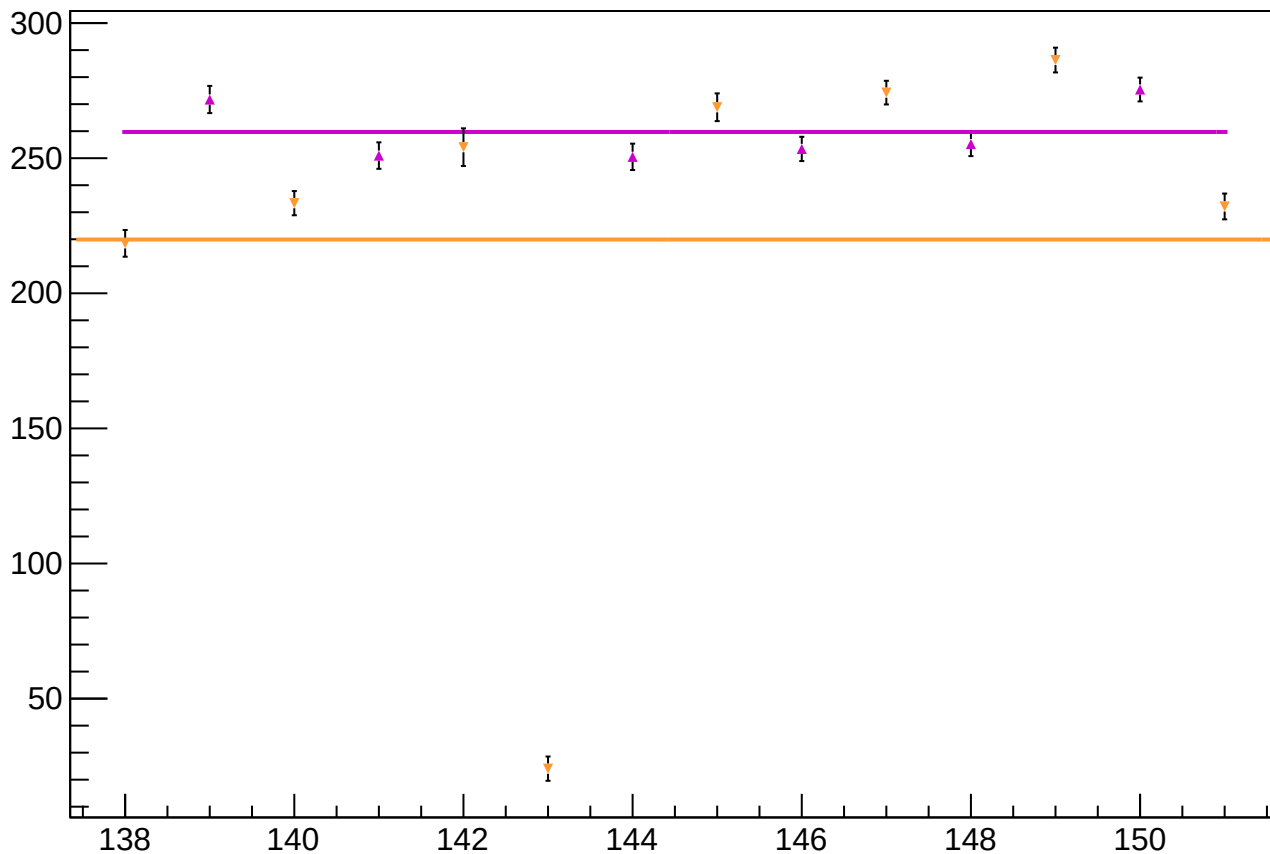
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -92.462 $\pm$ 0.051 χ^2 /NDF: 2162271.5/22

Out: -84.557 $\pm$ 0.049 χ^2 /NDF: 2348813.9/26

All: -88.318 $\pm$ 0.035 χ^2 /NDF: 4523579.6/49

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 219.902+/-1.709 χ^2/NDF :2395.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 259.706+/-1.910 χ^2/NDF :28.1/5

Left: 237.596+/-1.273 χ^2/NDF : 2665.1/13

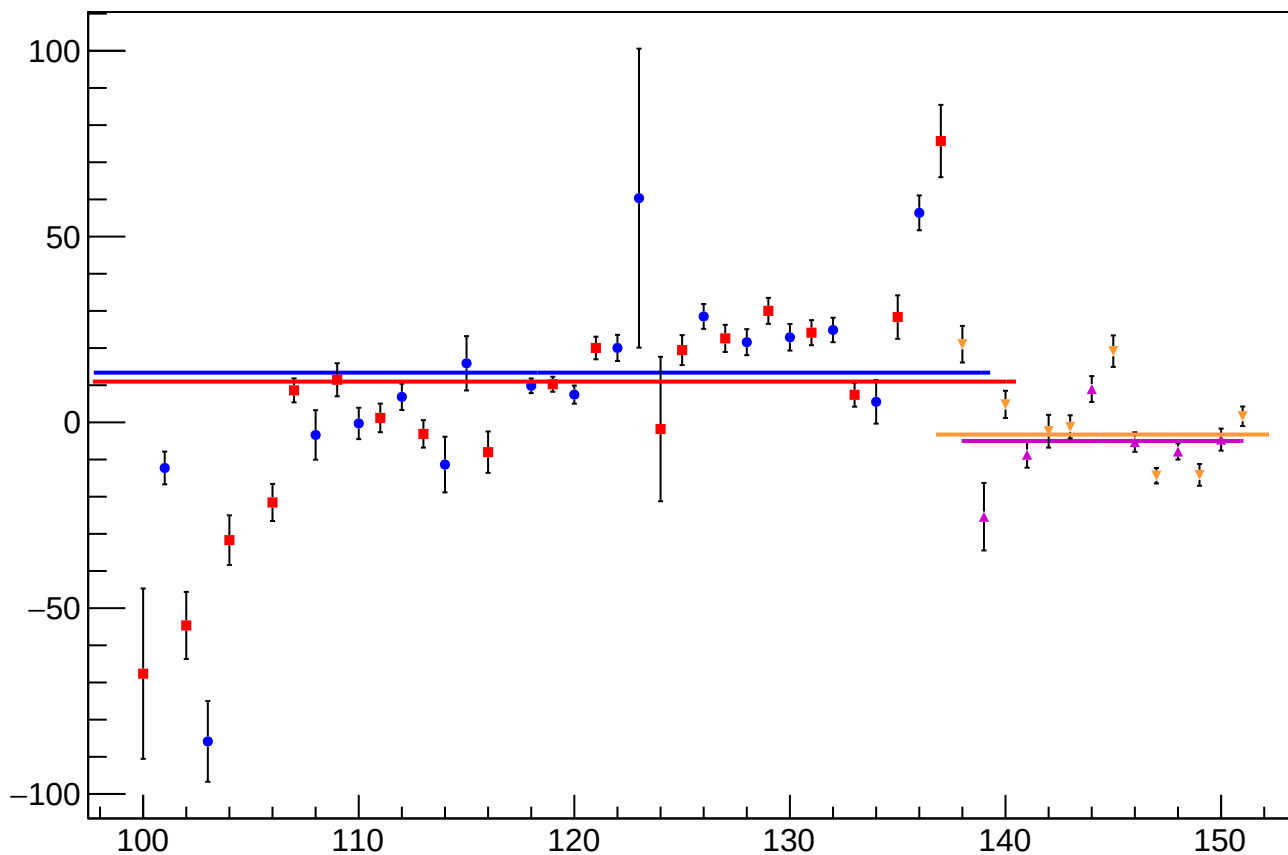
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 259.706+/-1.910 χ^2/NDF :28.1/5

Out: 219.902+/-1.709 χ^2/NDF :2395.7/7

All: 237.596+/-1.273 χ^2/NDF : 2665.1/13

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: -5.002 ± 1.243 χ^2/NDF : 24.0/5

Left: -4.034 ± 0.826 χ^2/NDF : 128.6/13

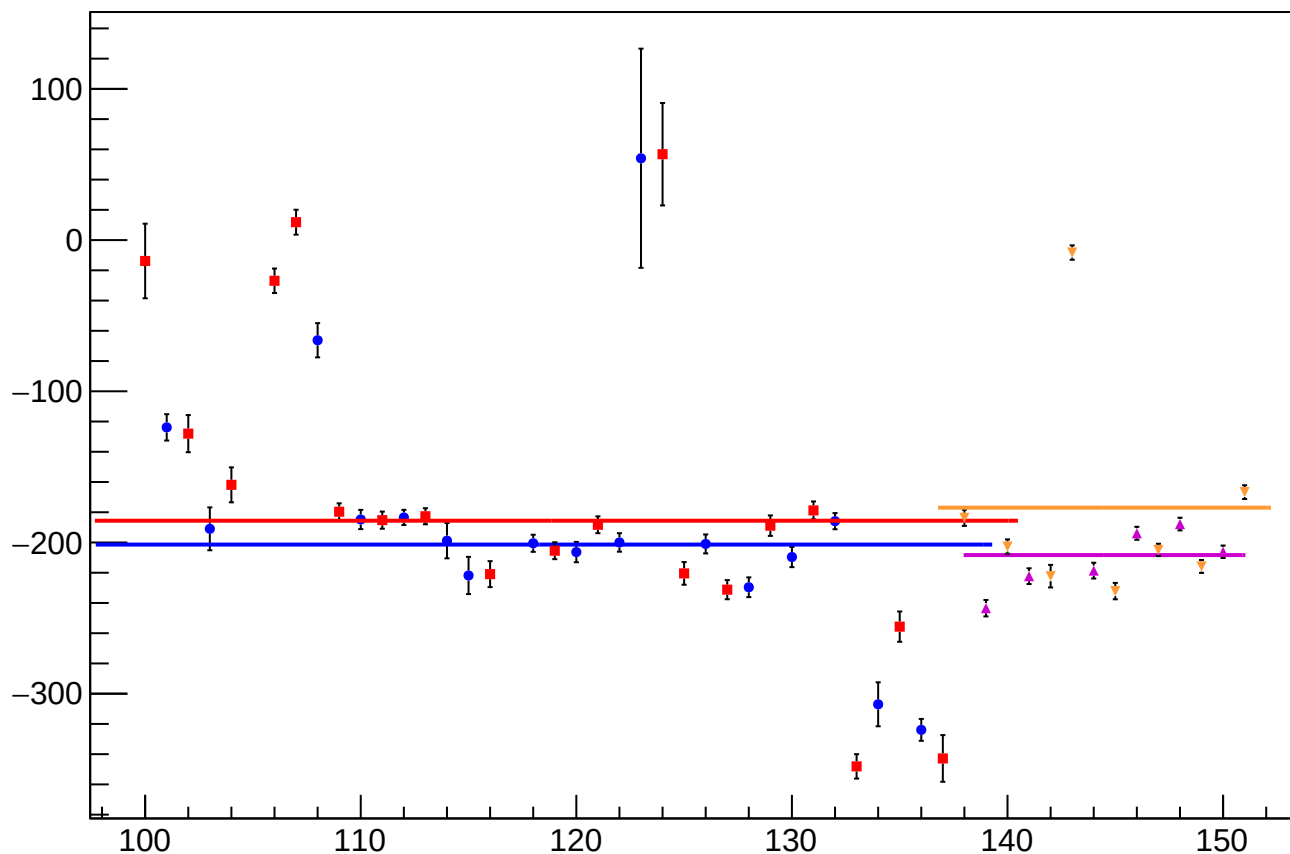
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.865 ± 0.740 χ^2/NDF : 459.4/22

Out: 5.186 ± 0.705 χ^2/NDF : 506.1/26

All: 5.984 ± 0.510 χ^2/NDF : 968.1/49

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: -208.323 ± 1.899 χ^2/NDF : 88.0/5

Left: -191.116 ± 1.276 χ^2/NDF : 1782.9/13

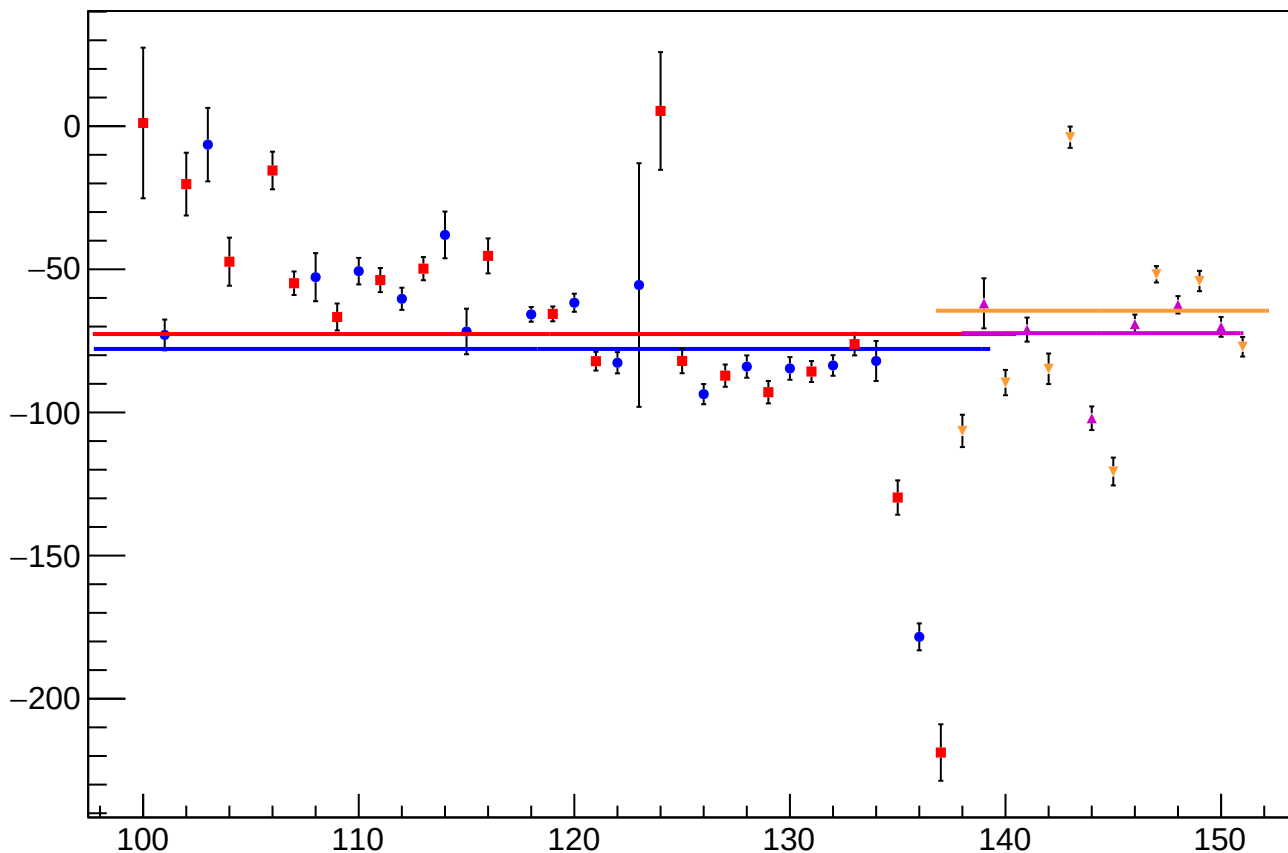
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -204.627 ± 1.300 χ^2/NDF : 720.1/22

Out: -181.334 ± 1.210 χ^2/NDF : 3306.3/26

All: -192.142 ± 0.886 χ^2/NDF : 4198.4/49

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: -72.302 ± 1.562 χ^2/NDF : 65.3/5

Left: -67.924 ± 1.038 χ^2/NDF : 621.8/13

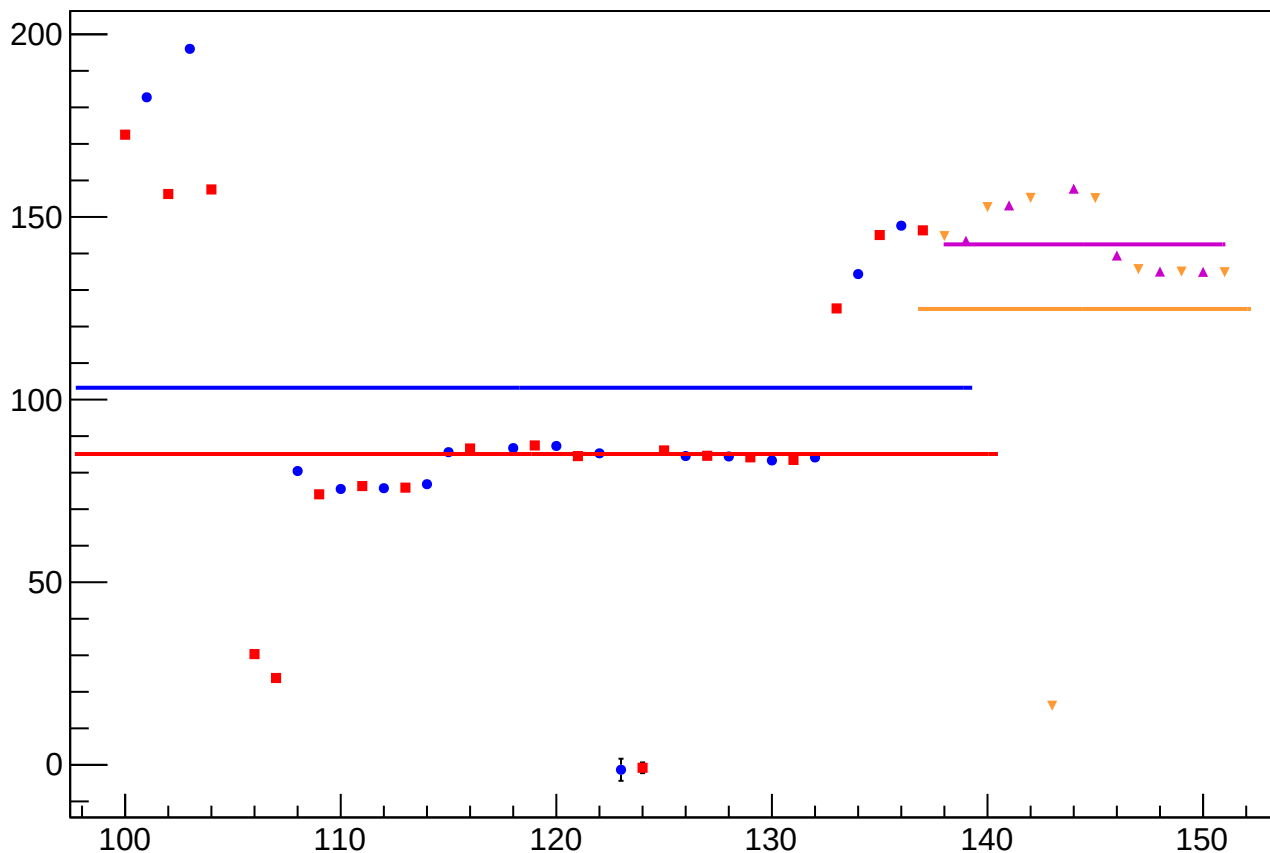
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -76.061 ± 0.882 χ^2/NDF : 730.1/22

Out: -69.640 ± 0.839 χ^2/NDF : 1171.2/26

All: -72.691 ± 0.608 χ^2/NDF : 1929.2/49

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: 142.493 $\pm$ 0.079 χ^2 /NDF: 10906.2/5

Left: 132.930 $\pm$ 0.054 χ^2 /NDF: 422962.3/13

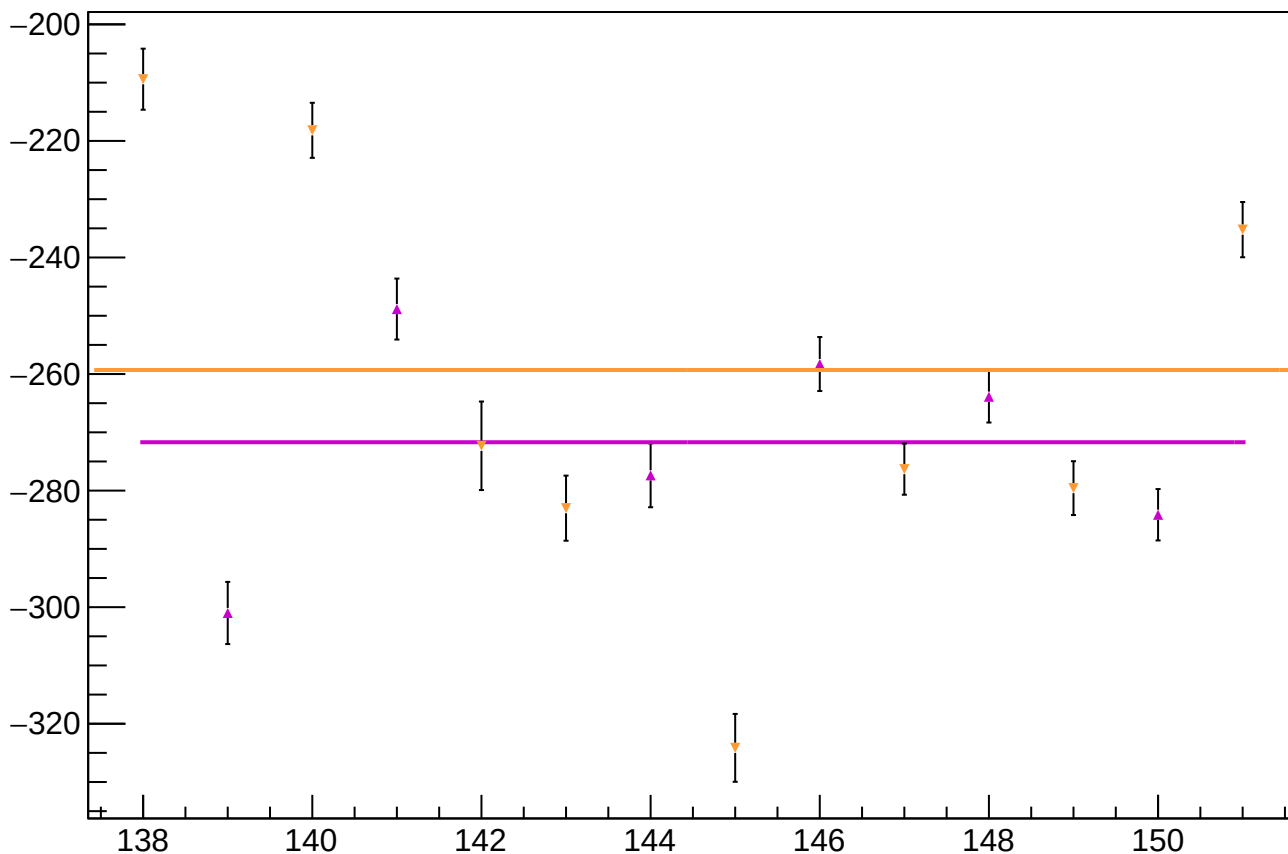
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 120.541 $\pm$ 0.053 χ^2 /NDF: 421007.5/22

Out: 102.240 $\pm$ 0.048 χ^2 /NDF: 976392.1/26

All: 110.545 $\pm$ 0.035 χ^2 /NDF: 1463272.4/49

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -259.305 $\pm$ 1.816 χ^2 /NDF:371.4/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -271.701 $\pm$ 1.984 χ^2 /NDF:69.8/5

Left: -264.954 $\pm$ 1.340 χ^2 /NDF: 462.4/13

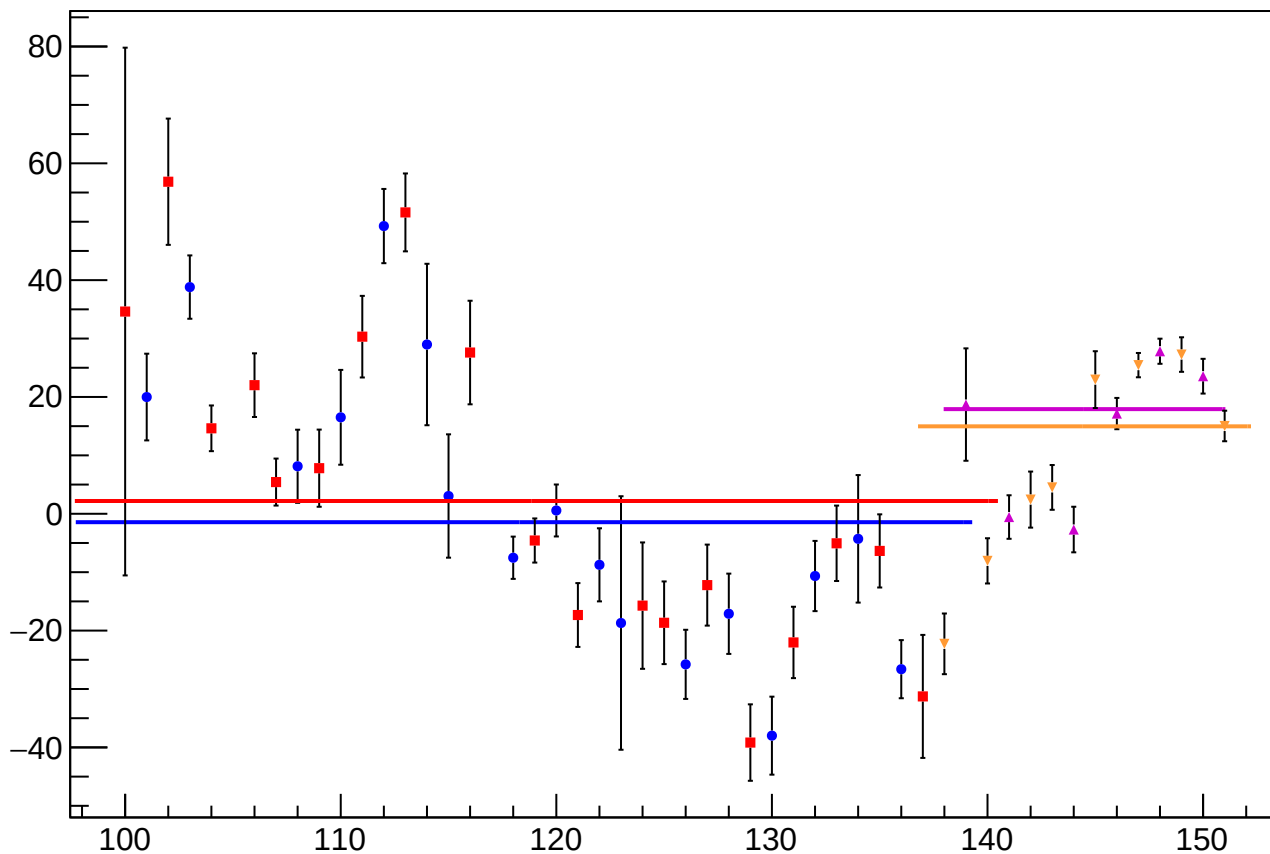
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -271.701 $\pm$ 1.984 χ^2 /NDF:69.8/5

Out: -259.305 $\pm$ 1.816 χ^2 /NDF:371.4/7

All: -264.954 $\pm$ 1.340 χ^2 /NDF: 462.4/13

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: 17.918 ± 1.273 $\chi^2/\text{NDF}: 77.4/5$

Left: 16.302 ± 0.855 $\chi^2/\text{NDF}: 226.7/13$

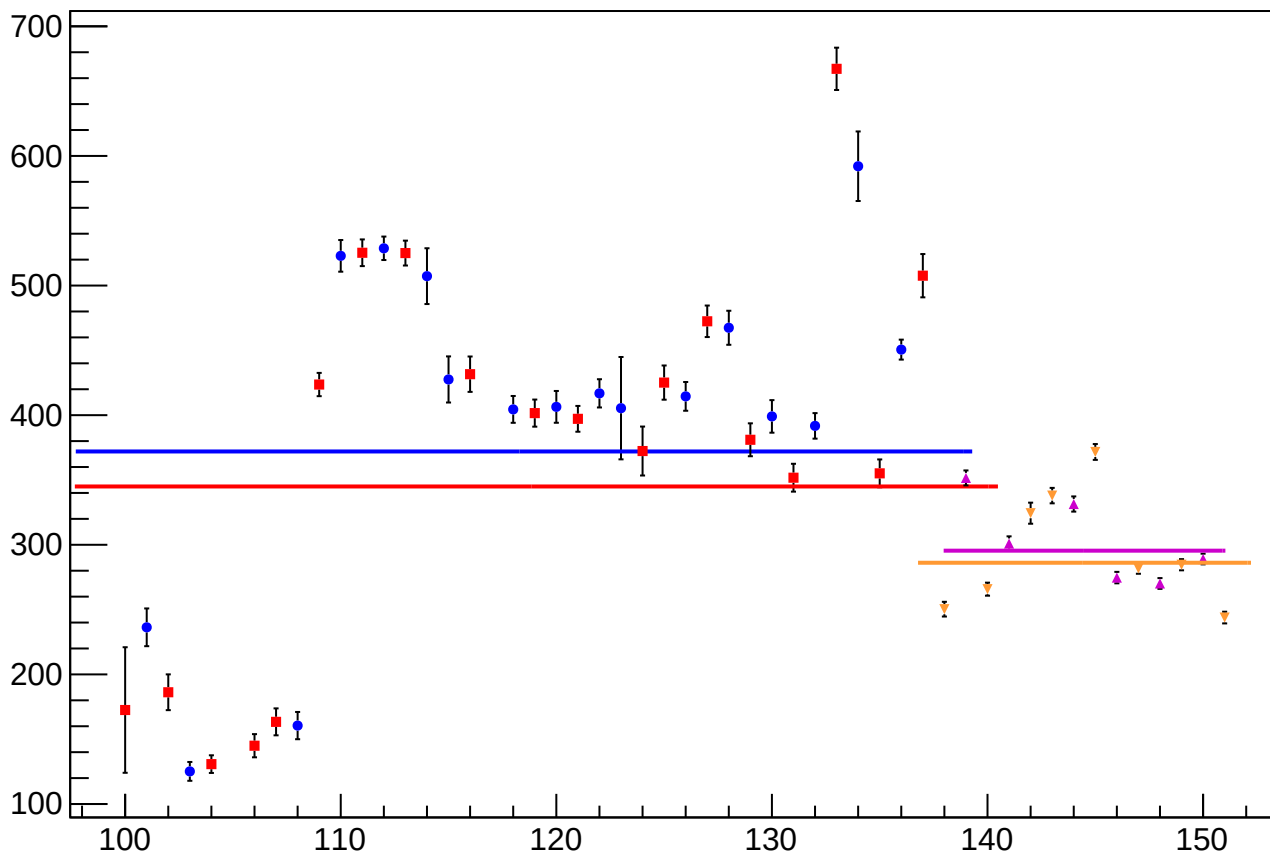
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 9.915 ± 0.975 $\chi^2/\text{NDF}: 397.5/22$

Out: 9.793 ± 0.891 $\chi^2/\text{NDF}: 426.6/26$

All: 9.849 ± 0.658 $\chi^2/\text{NDF}: 824.1/49$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF : 2431.2/16

Left Out: 286.140+/-1.818 χ^2/NDF : 438.5/7

Right Out: 344.990+/-2.561 χ^2/NDF : 3414.4/18

Left In: 295.461+/-1.964 χ^2/NDF : 194.8/5

Left: 290.441+/-1.334 χ^2/NDF : 645.5/13

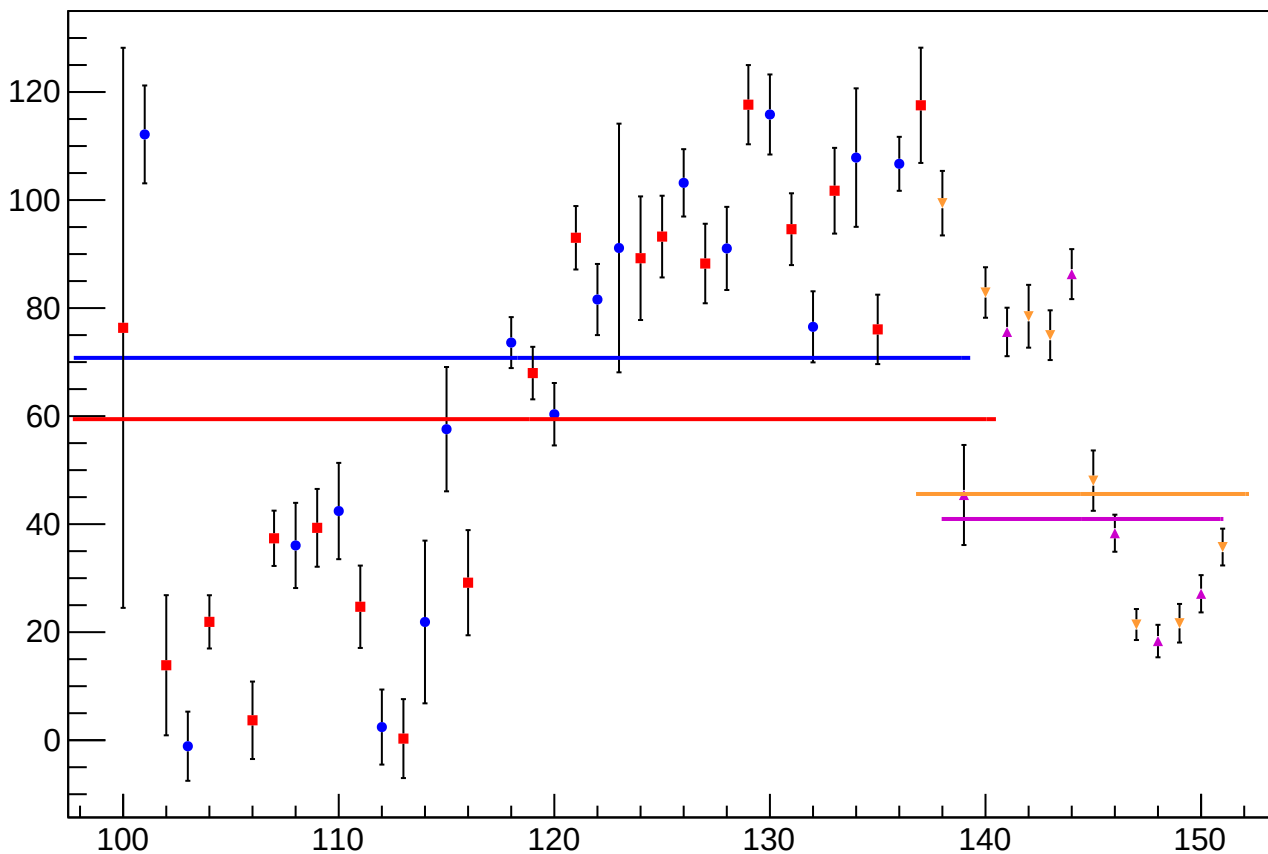
Right: 357.461+/-1.879 χ^2/NDF : 5896.9/35

In: 321.125+/-1.601 χ^2/NDF : 3135.4/22

Out: 305.856+/-1.482 χ^2/NDF : 4204.1/26

All: 312.903+/-1.088 χ^2/NDF : 7388.4/49

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: 40.955 $\pm$ 1.607 χ^2/NDF : 228.8/5

Left: 43.489 $\pm$ 1.081 χ^2/NDF : 575.4/13

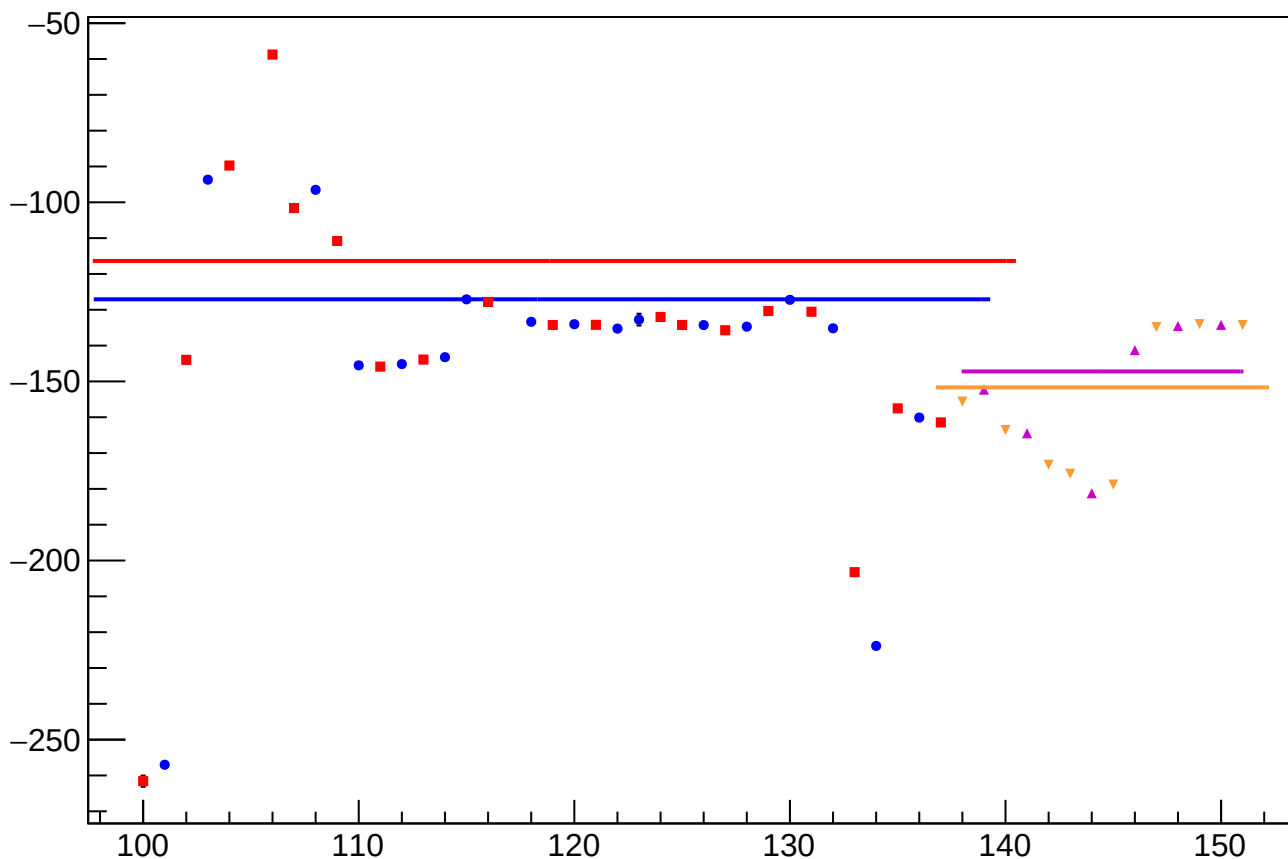
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 54.624 $\pm$ 1.182 χ^2/NDF : 810.7/22

Out: 51.751 $\pm$ 1.088 χ^2/NDF : 868.7/26

All: 53.068 $\pm$ 0.801 χ^2/NDF : 1682.6/49

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: -147.217+/-0.082 χ^2/NDF : 35678.9/5

Left: -149.569+/-0.056 χ^2/NDF : 91885.7/13

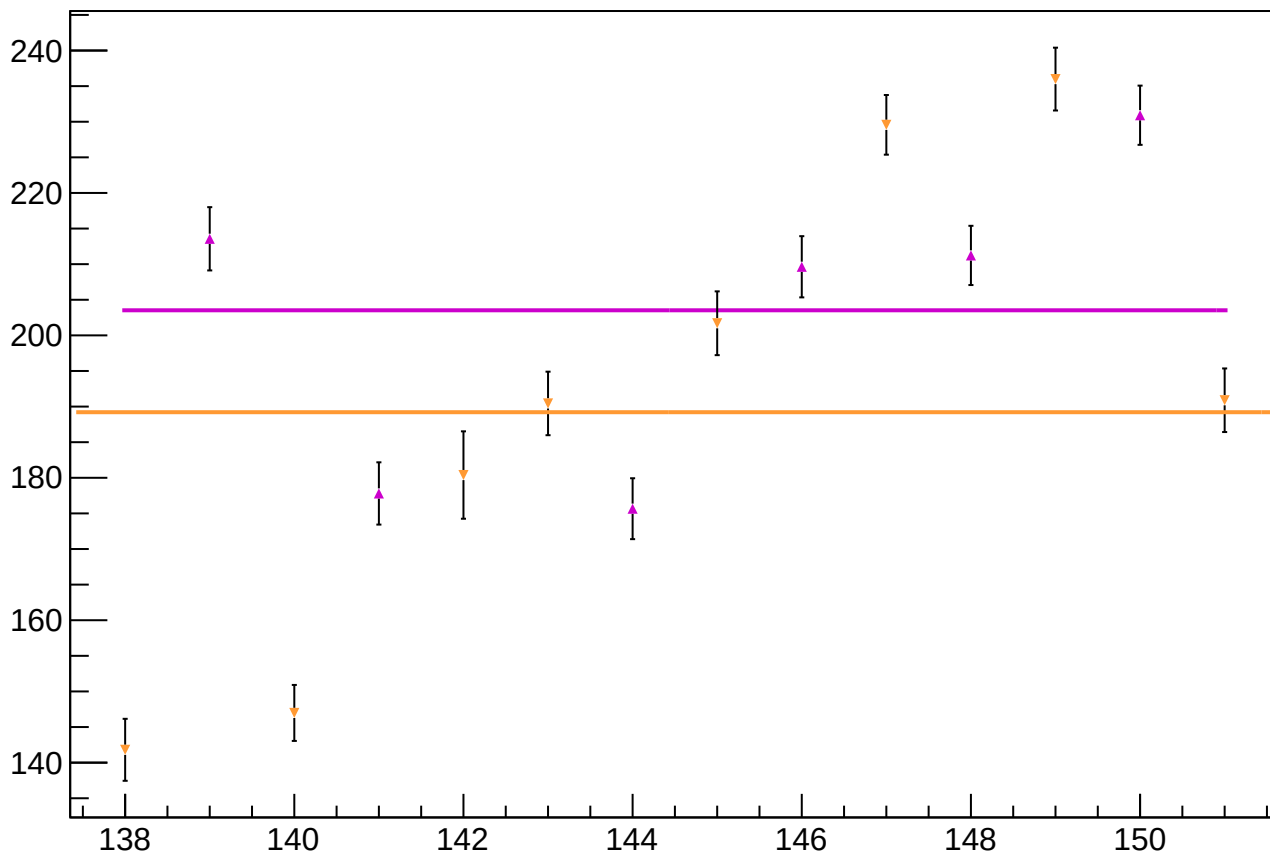
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.010+/-0.061 χ^2/NDF : 230182.3/22

Out: -135.154+/-0.057 χ^2/NDF : 318746.7/26

All: -136.489+/-0.041 χ^2/NDF : 550114.0/49

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: 203.523+/-1.747 χ^2/NDF :131.0/5

Left: 195.630+/-1.170 χ^2/NDF : 617.4/13

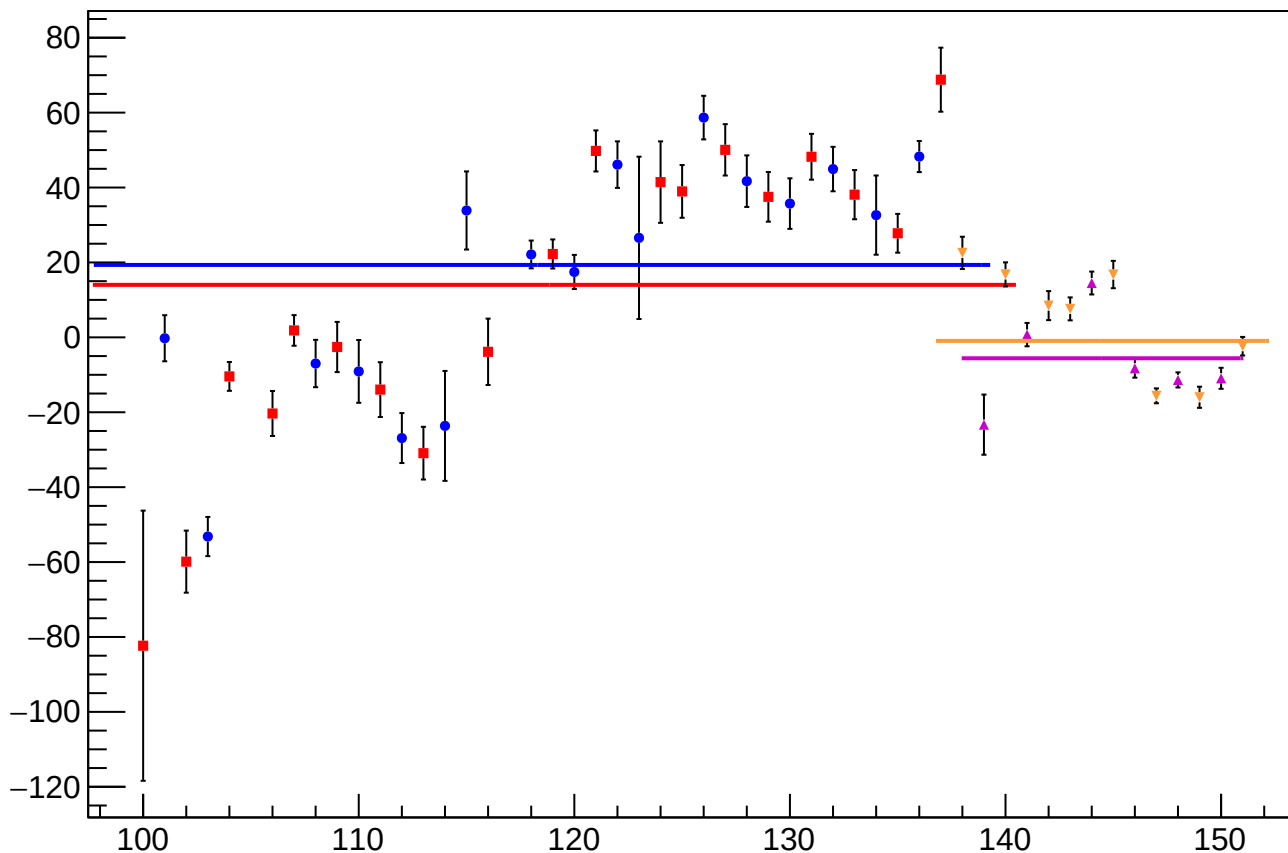
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.523+/-1.747 χ^2/NDF :131.0/5

Out: 189.211+/-1.576 χ^2/NDF :449.4/7

All: 195.630+/-1.170 χ^2/NDF : 617.4/13

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: -5.585 ± 1.149 $\chi^2/\text{NDF}: 65.2/5$

Left: -3.016 ± 0.767 $\chi^2/\text{NDF}: 254.9/13$

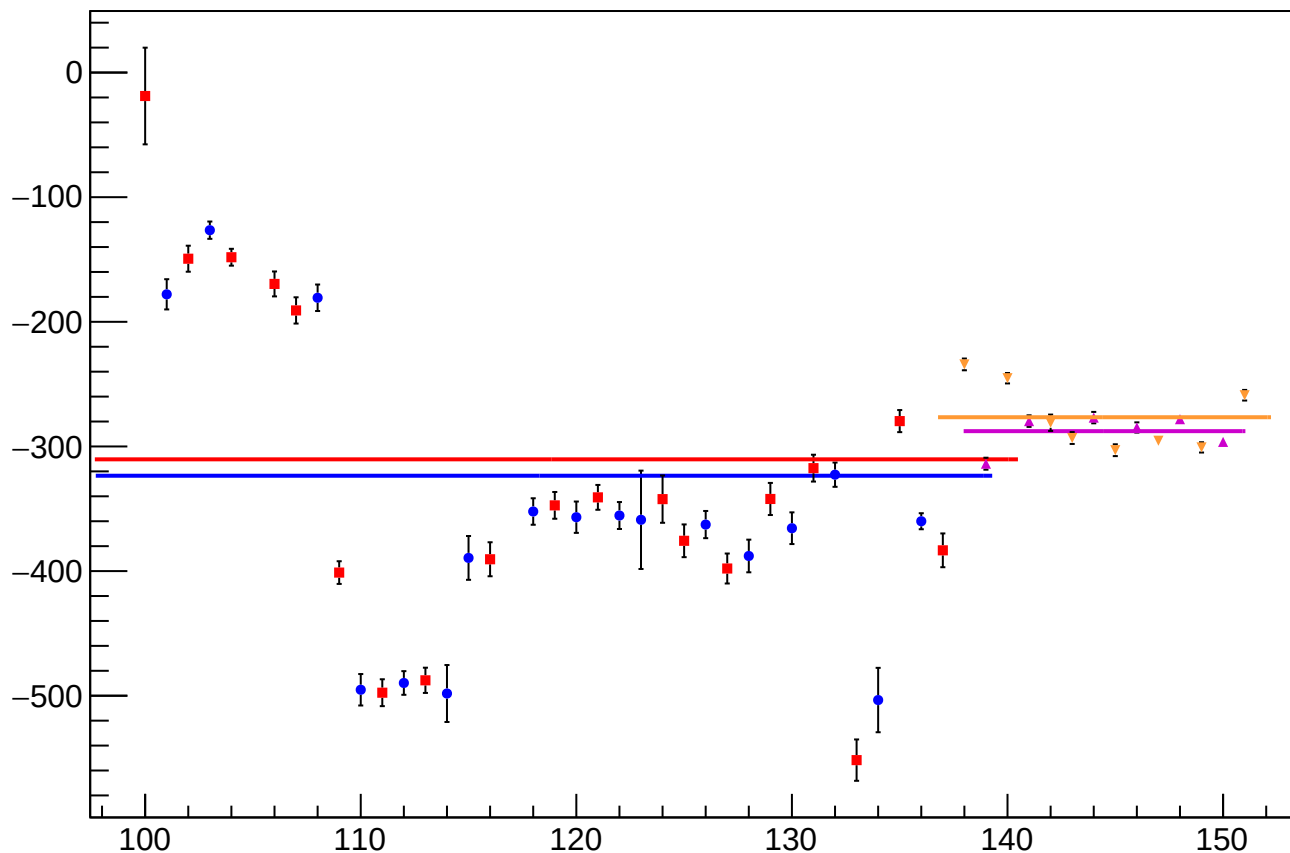
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.765 ± 0.908 $\chi^2/\text{NDF}: 681.7/22$

Out: 4.366 ± 0.828 $\chi^2/\text{NDF}: 688.6/26$

All: 4.093 ± 0.612 $\chi^2/\text{NDF}: 1370.5/49$

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: -287.725 ± 1.745 $\chi^2/\text{NDF}: 49.6/5$

Left: -281.640 ± 1.177 $\chi^2/\text{NDF}: 327.3/13$

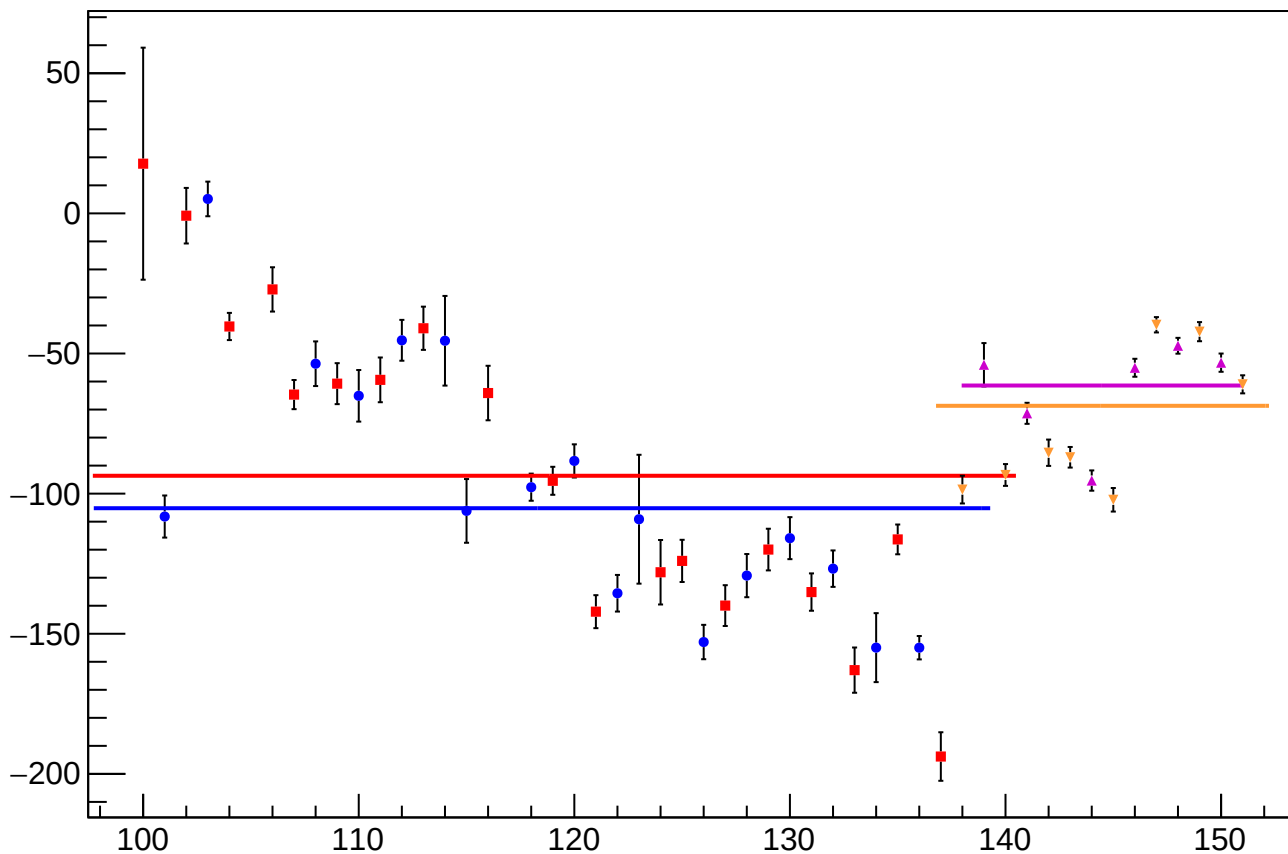
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -298.411 ± 1.461 $\chi^2/\text{NDF}: 2022.8/22$

Out: -286.207 ± 1.348 $\chi^2/\text{NDF}: 2684.1/26$

All: -291.819 ± 0.991 $\chi^2/\text{NDF}: 4744.5/49$

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: -61.424 ± 1.441 χ^2/NDF : 131.2/5

Left: -65.433 ± 0.962 χ^2/NDF : 500.4/13

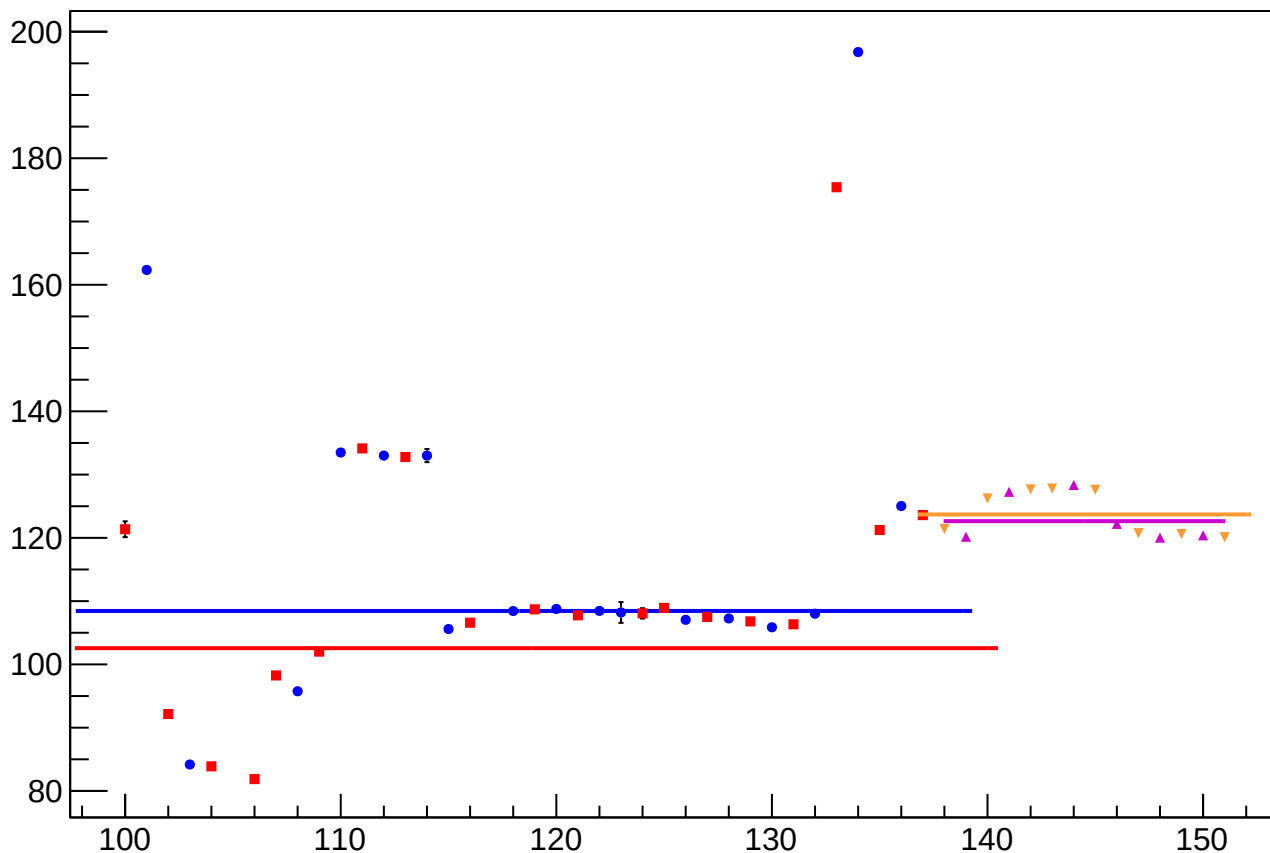
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -79.770 ± 1.098 χ^2/NDF : 1253.6/22

Out: -78.449 ± 1.008 χ^2/NDF : 1324.1/26

All: -79.053 ± 0.743 χ^2/NDF : 2578.4/49

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: 122.639 $\pm$ 0.073 χ^2 /NDF: 2078.0/5

Left: 123.208 $\pm$ 0.050 χ^2 /NDF: 4590.5/13

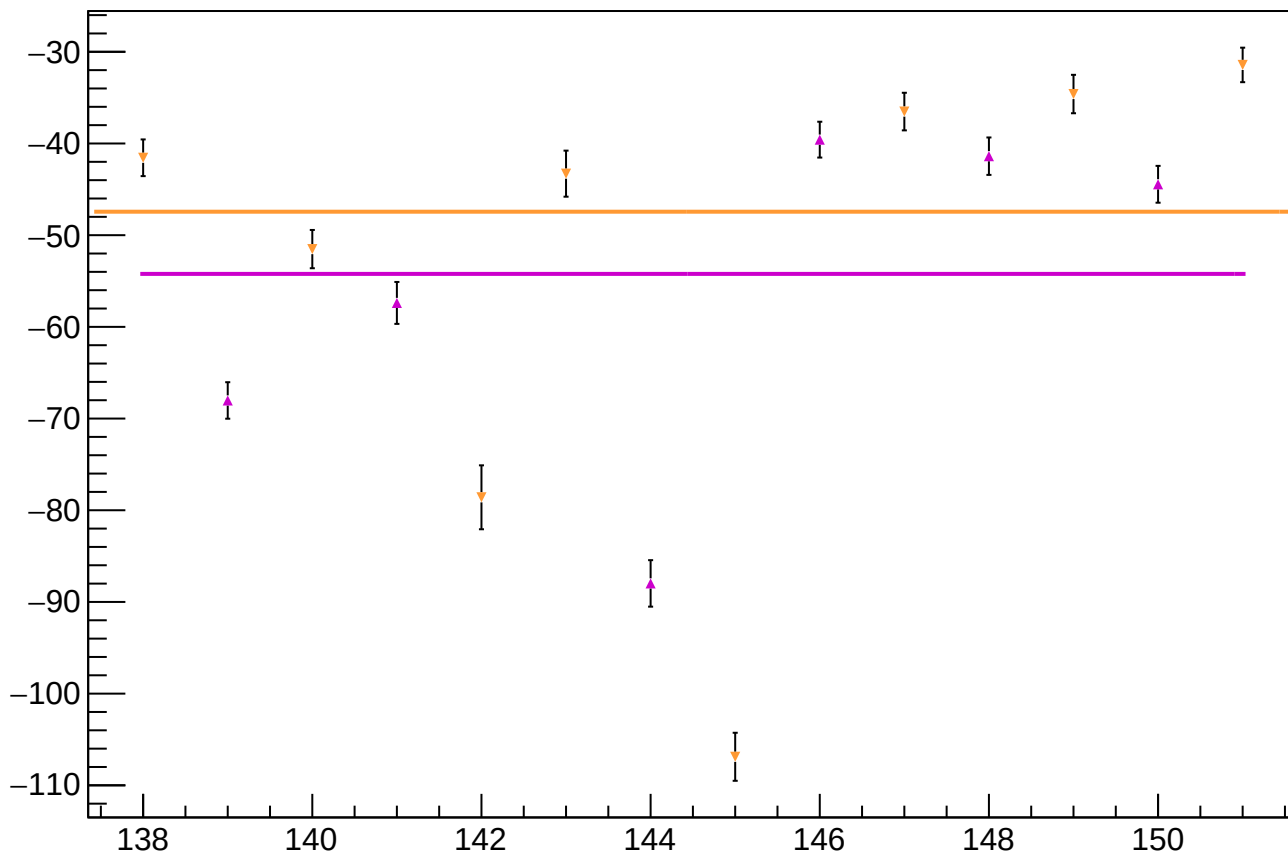
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 116.630 $\pm$ 0.055 χ^2 /NDF: 91491.0/22

Out: 114.821 $\pm$ 0.051 χ^2 /NDF: 96574.5/26

All: 115.663 $\pm$ 0.038 χ^2 /NDF: 188640.0/49

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: -54.223+/-0.861 χ^2/NDF :346.7/5

Left: -50.528+/-0.581 χ^2/NDF : 1129.0/13

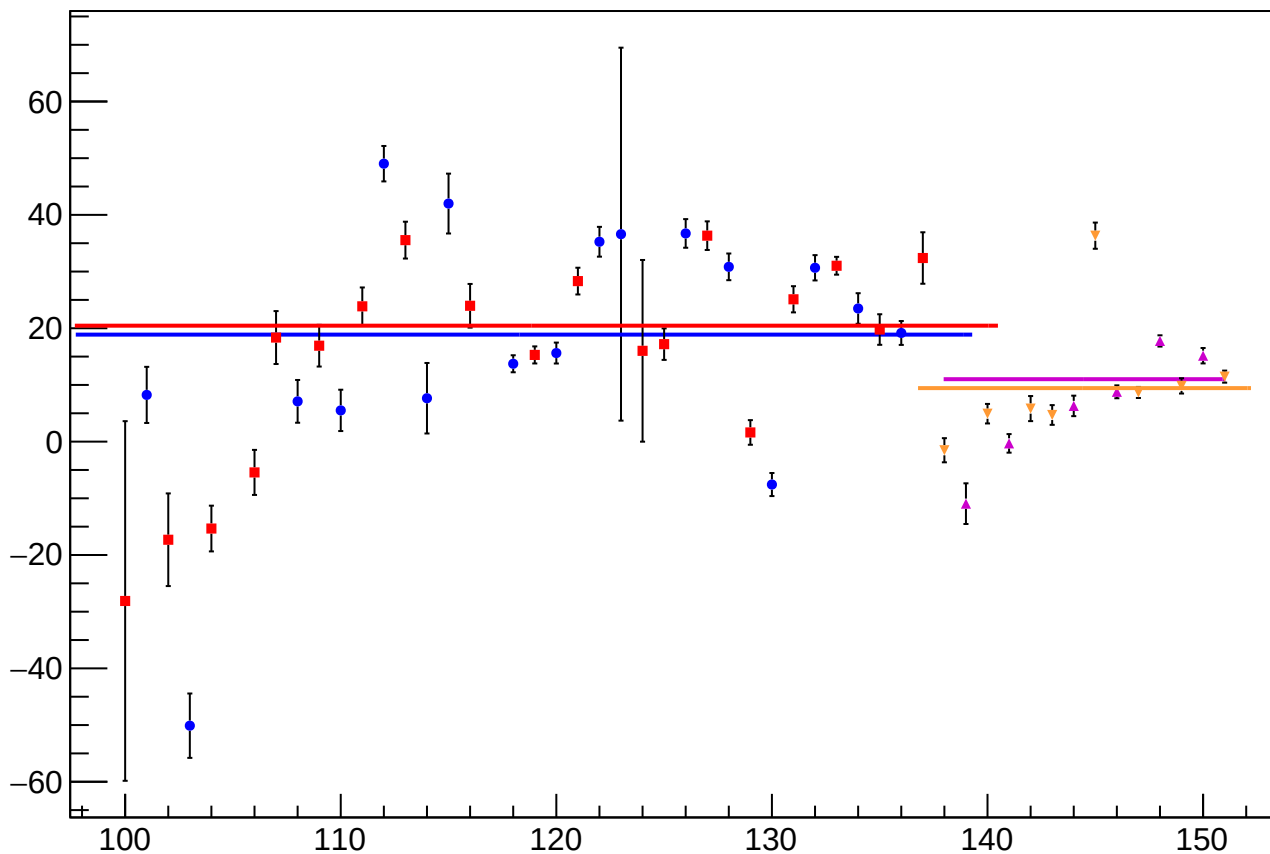
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.223+/-0.861 χ^2/NDF :346.7/5

Out: -47.439+/-0.787 χ^2/NDF :748.5/7

All: -50.528+/-0.581 χ^2/NDF : 1129.0/13

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: 11.014 $\pm$ 0.570 χ^2 /NDF:151.4/5

Left: 10.148 $\pm$ 0.382 χ^2 /NDF: 338.8/13

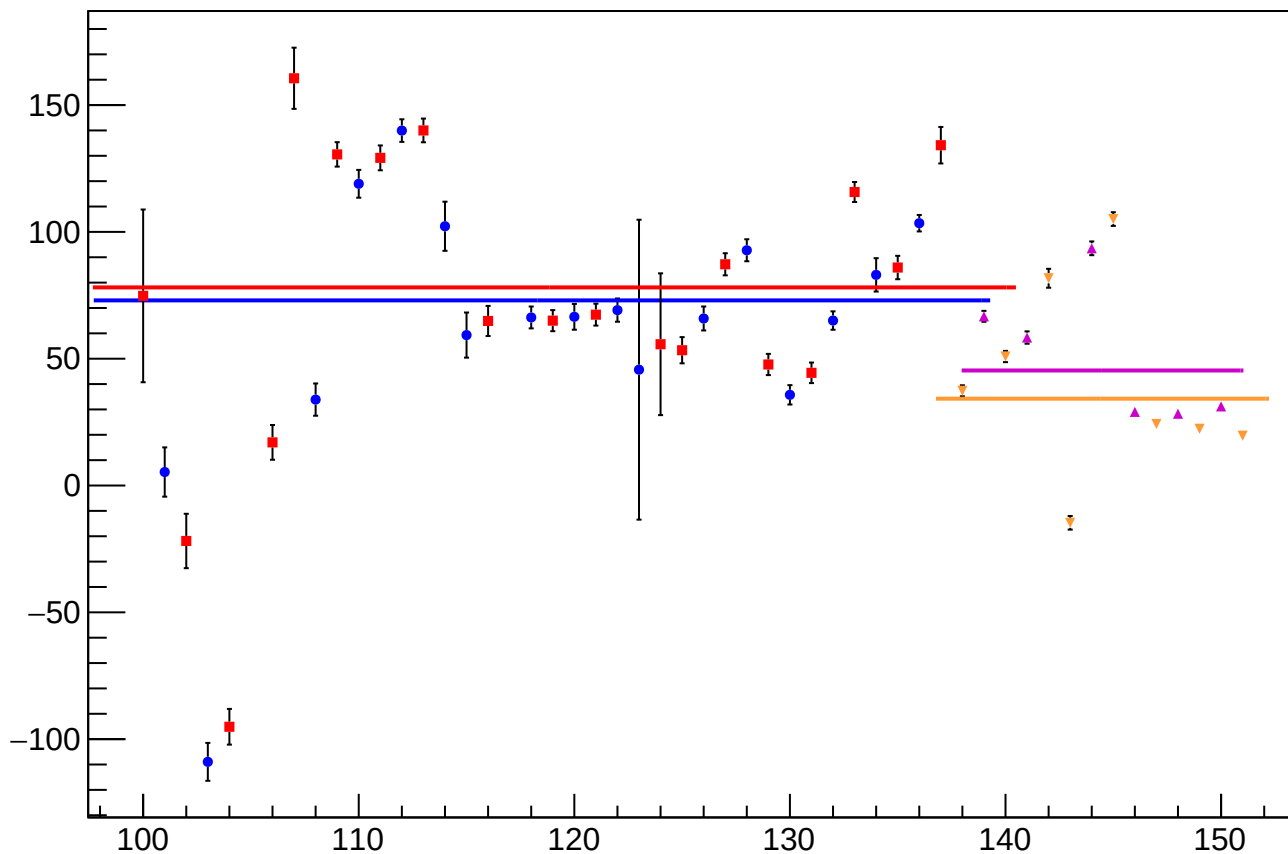
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 14.462 $\pm$ 0.427 χ^2 /NDF:855.5/22

Out: 13.743 $\pm$ 0.402 χ^2 /NDF:726.5/26

All: 14.081 $\pm$ 0.293 χ^2 /NDF: 1583.5/49

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: 45.359 $\pm$ 0.856 χ^2 /NDF:655.1/5

Left: 39.350 $\pm$ 0.581 χ^2 /NDF: 2115.3/13

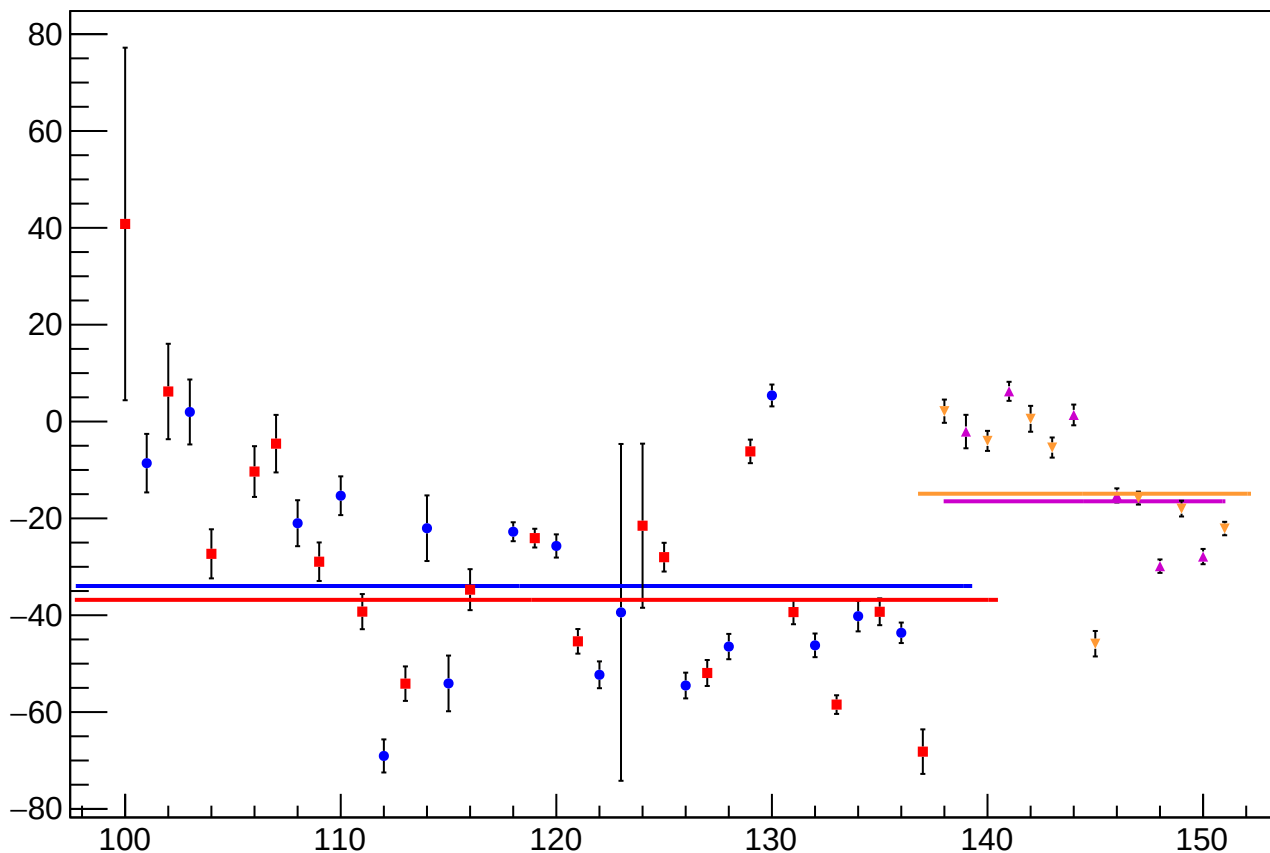
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 54.381 $\pm$ 0.703 χ^2 /NDF:2200.5/22

Out: 47.149 $\pm$ 0.663 χ^2 /NDF:3824.1/26

All: 50.556 $\pm$ 0.482 χ^2 /NDF: 6080.6/49

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: -16.473 ± 0.716 χ^2/NDF : 366.5/5

Left: -15.614 ± 0.481 χ^2/NDF : 671.3/13

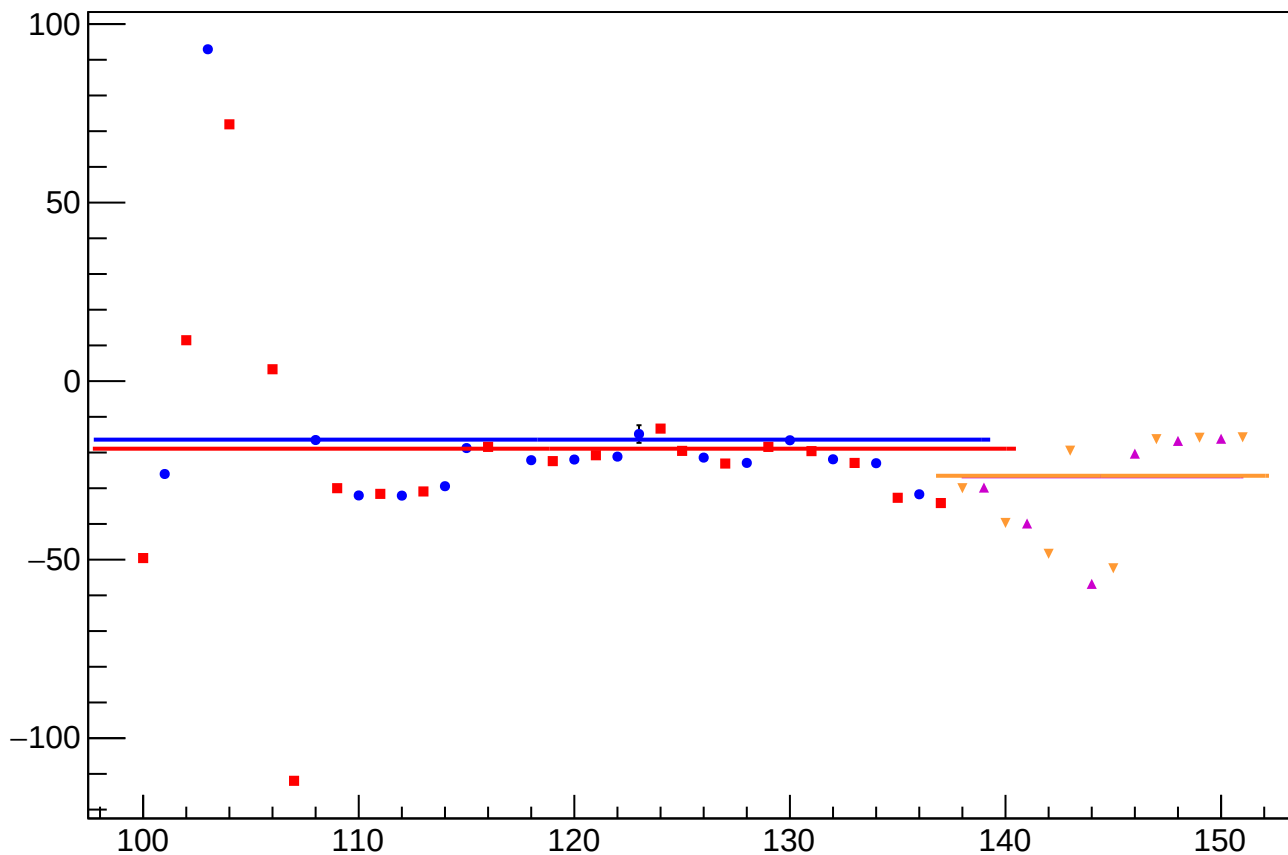
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -24.956 ± 0.514 χ^2/NDF : 1378.0/22

Out: -24.478 ± 0.487 χ^2/NDF : 1340.6/26

All: -24.704 ± 0.353 χ^2/NDF : 2719.0/49

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -26.507 ± 0.033 $\chi^2/\text{NDF}: 152323.9/7$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -26.666 ± 0.035 $\chi^2/\text{NDF}: 122109.1/5$

Left: -26.582 ± 0.024 $\chi^2/\text{NDF}: 274443.6/13$

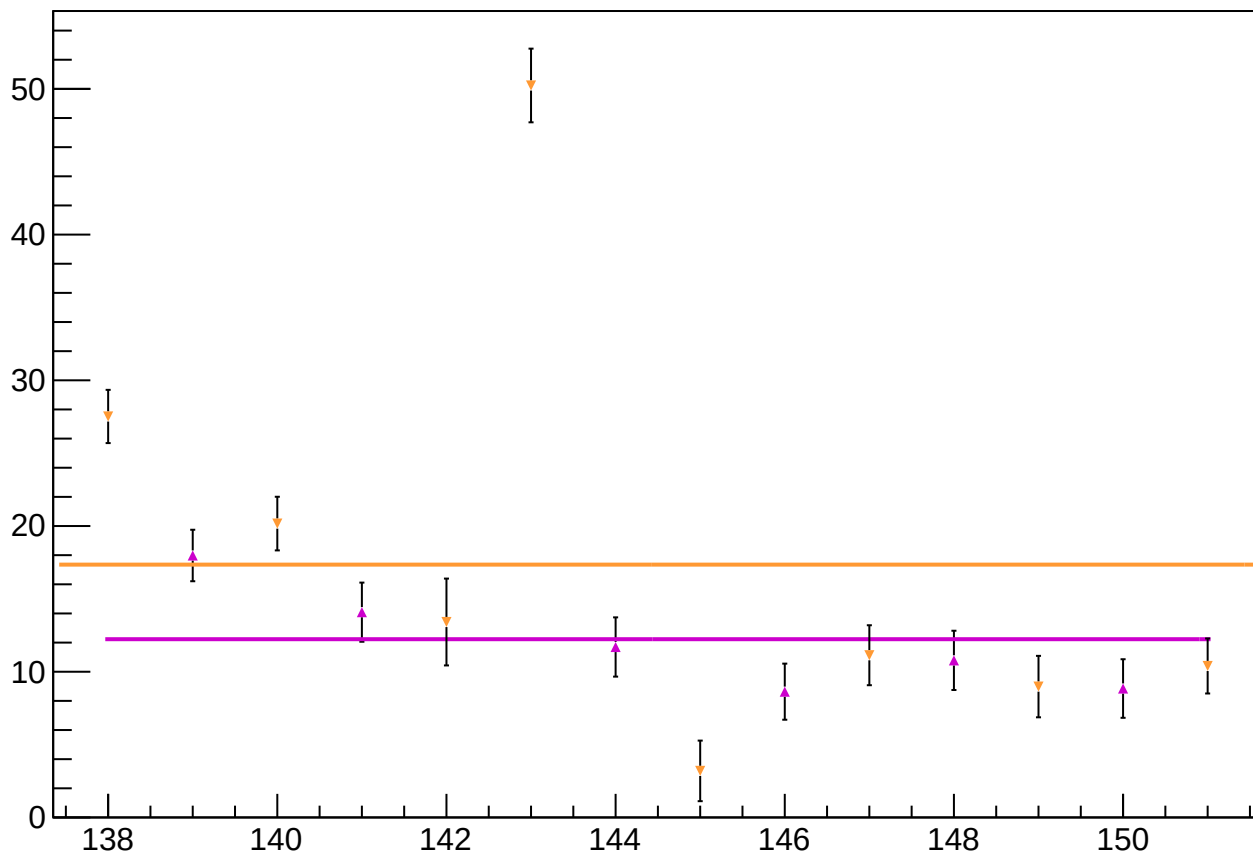
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -22.669 ± 0.028 $\chi^2/\text{NDF}: 629071.3/22$

Out: -23.825 ± 0.027 $\chi^2/\text{NDF}: 604614.1/26$

All: -23.264 ± 0.019 $\chi^2/\text{NDF}: 1234581.3/49$

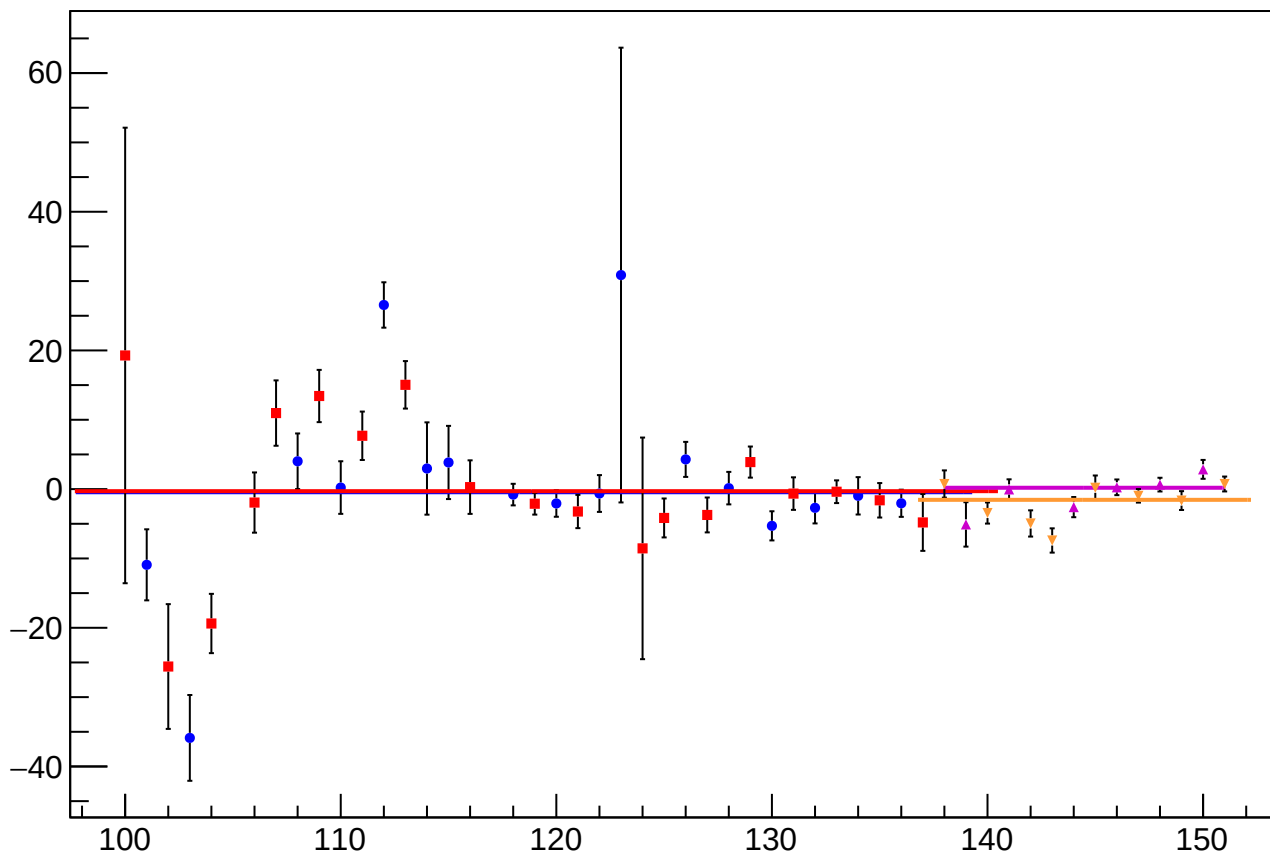
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 17.351 $\pm$ 0.738 χ^2 /NDF:289.1/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 12.233 $\pm$ 0.800 χ^2 /NDF:18.3/5

Left: 14.998 $\pm$ 0.542 χ^2 /NDF: 329.6/13
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 12.233 $\pm$ 0.800 χ^2 /NDF:18.3/5
 Out: 17.351 $\pm$ 0.738 χ^2 /NDF:289.1/7
 All: 14.998 $\pm$ 0.542 χ^2 /NDF: 329.6/13

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: 0.195 ± 0.543 χ^2/NDF : 10.4/5

Left: -0.756 ± 0.366 χ^2/NDF : 39.3/13

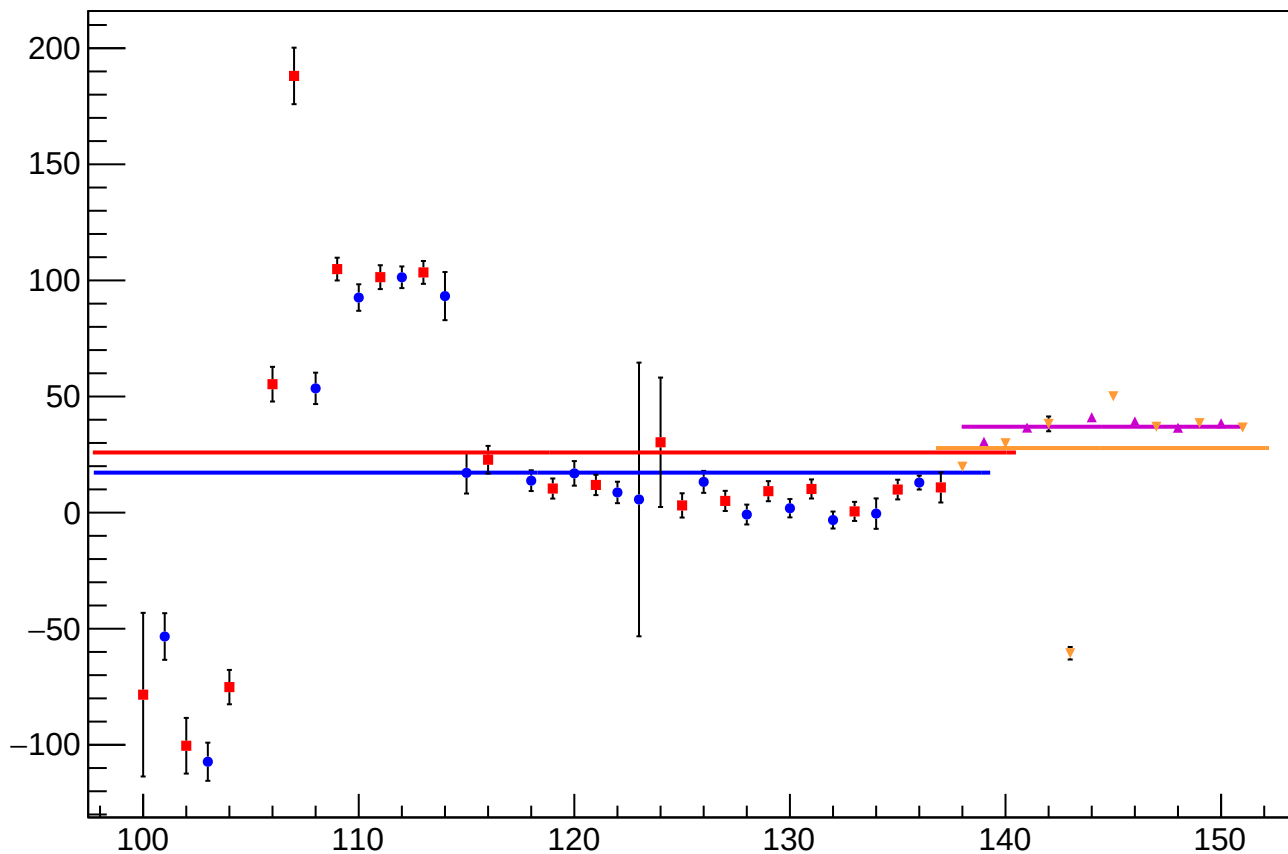
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.069 ± 0.418 χ^2/NDF : 130.6/22

Out: -1.094 ± 0.396 χ^2/NDF : 110.0/26

All: -0.610 ± 0.287 χ^2/NDF : 243.7/49

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 27.809 ± 0.746 $\chi^2/\text{NDF}: 1283.4/7$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

Left In: 36.988 ± 0.803 $\chi^2/\text{NDF}: 17.3/5$

Left: 32.065 ± 0.546 $\chi^2/\text{NDF}: 1370.8/13$

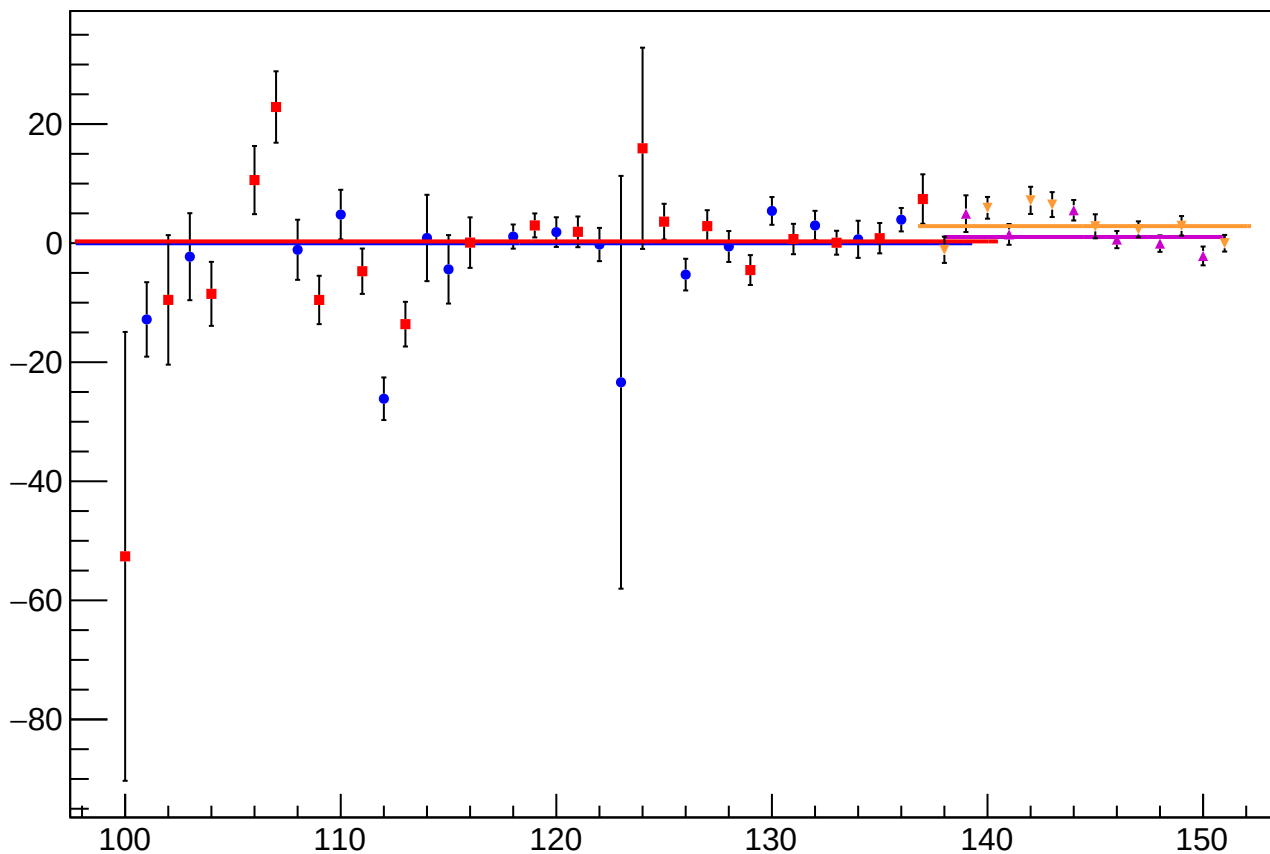
Right: 21.552 ± 0.878 $\chi^2/\text{NDF}: 2339.3/35$

In: 31.157 ± 0.674 $\chi^2/\text{NDF}: 1136.4/22$

Out: 27.304 ± 0.640 $\chi^2/\text{NDF}: 2659.9/26$

All: 29.131 ± 0.464 $\chi^2/\text{NDF}: 3813.4/49$

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: 1.032 ± 0.678 χ^2/NDF : 13.3/5

Left: 2.027 ± 0.457 χ^2/NDF : 34.3/13

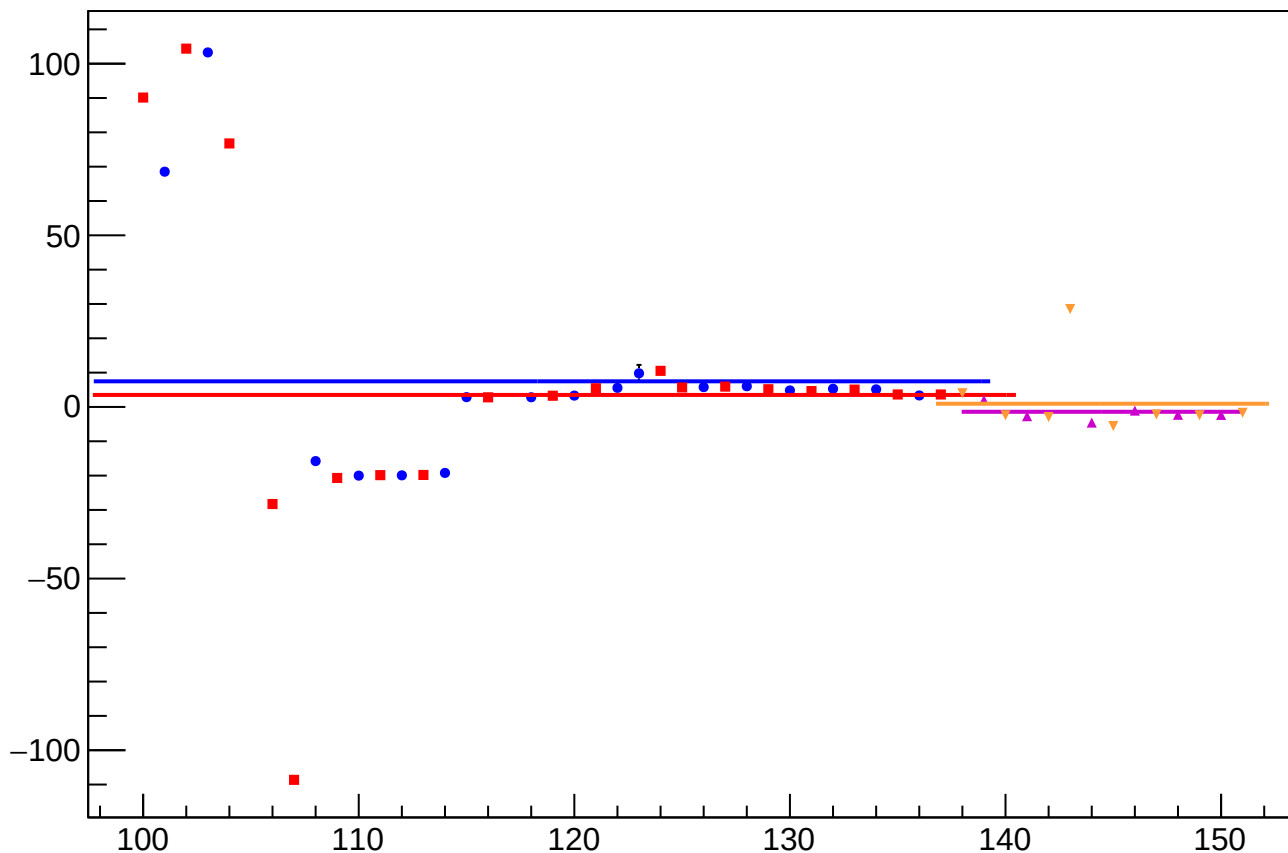
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.554 ± 0.502 χ^2/NDF : 90.2/22

Out: 1.816 ± 0.477 χ^2/NDF : 80.1/26

All: 1.216 ± 0.346 χ^2/NDF : 173.6/49

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 0.939+/-0.031 χ^2/NDF : 78646.8/7

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.407+/-0.033 χ^2/NDF : 4131.9/5

Left: -0.172+/-0.023 χ^2/NDF : 85424.3/13

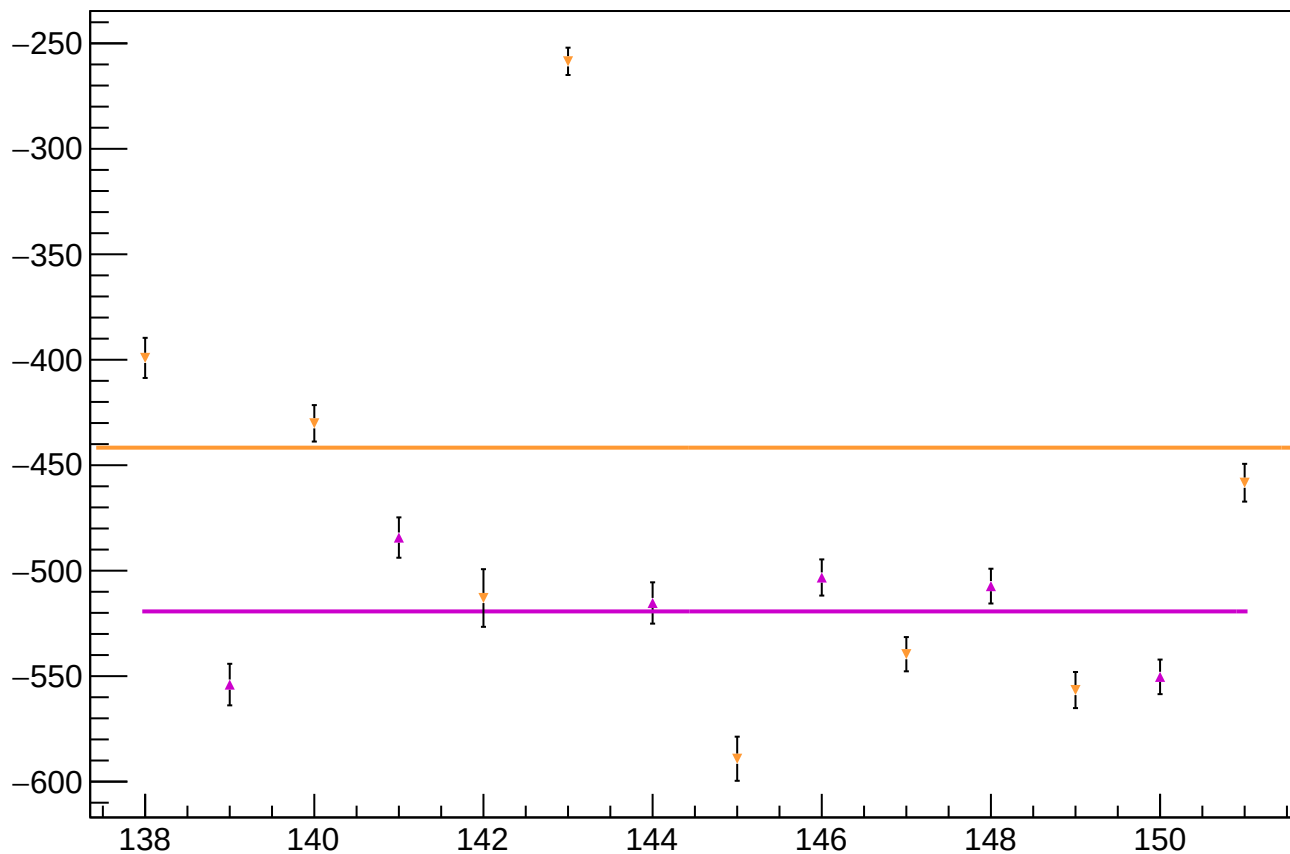
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 1.756+/-0.027 χ^2/NDF : 385650.4/22

Out: 1.764+/-0.026 χ^2/NDF : 591365.8/26

All: 1.760+/-0.019 χ^2/NDF : 977016.2/49

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: -519.312+/-3.654 χ^2/NDF :45.9/5

Left: -474.163+/-2.364 χ^2/NDF : 1684.9/13

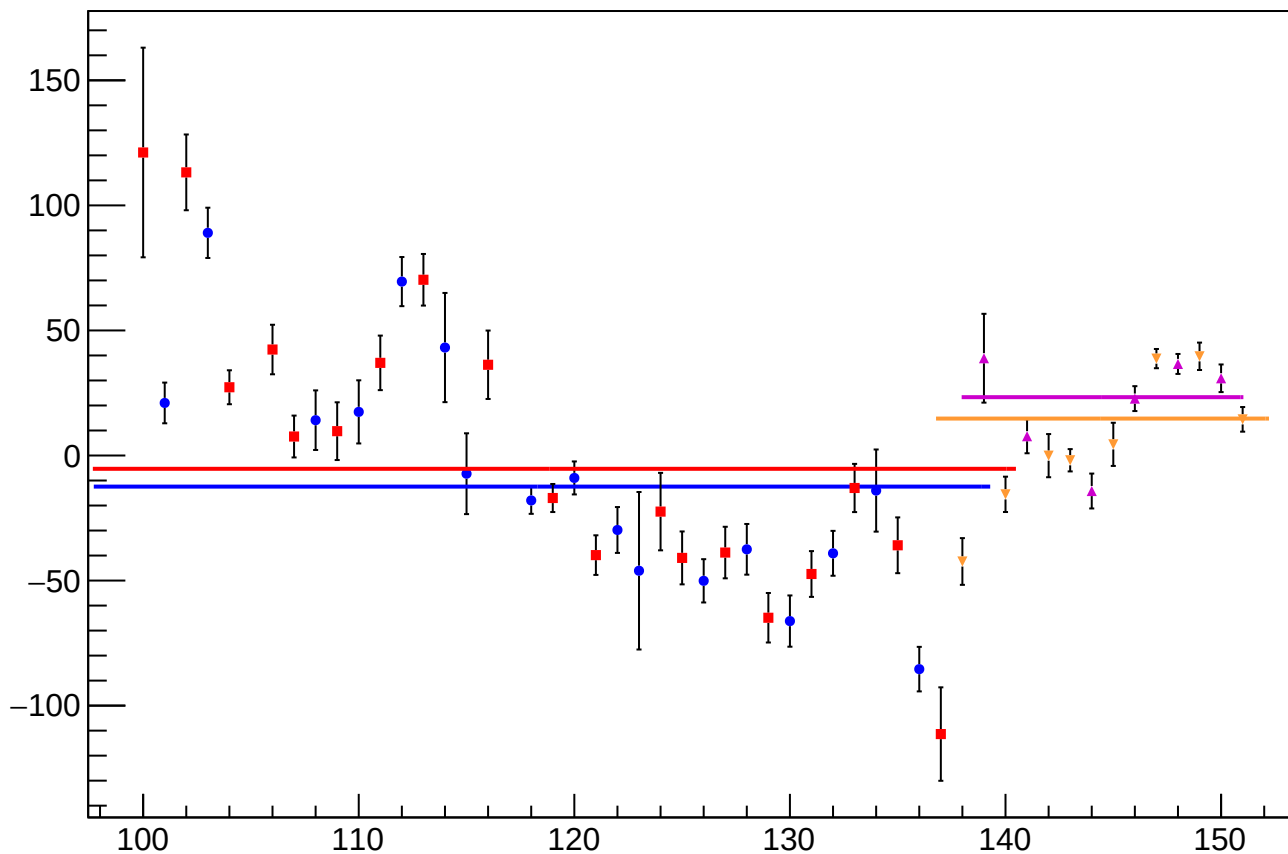
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -519.312+/-3.654 χ^2/NDF :45.9/5

Out: -441.675+/-3.100 χ^2/NDF :1376.5/7

All: -474.163+/-2.364 χ^2/NDF : 1684.9/13

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 14.769 $\pm$ 1.997 χ^2/NDF :133.7/7

Right Out: -5.317 $\pm$ 2.260 χ^2/NDF : 342.8/18

Left In: 23.324 $\pm$ 2.349 χ^2/NDF :47.9/5

Left: 18.358 $\pm$ 1.521 χ^2/NDF : 189.3/13

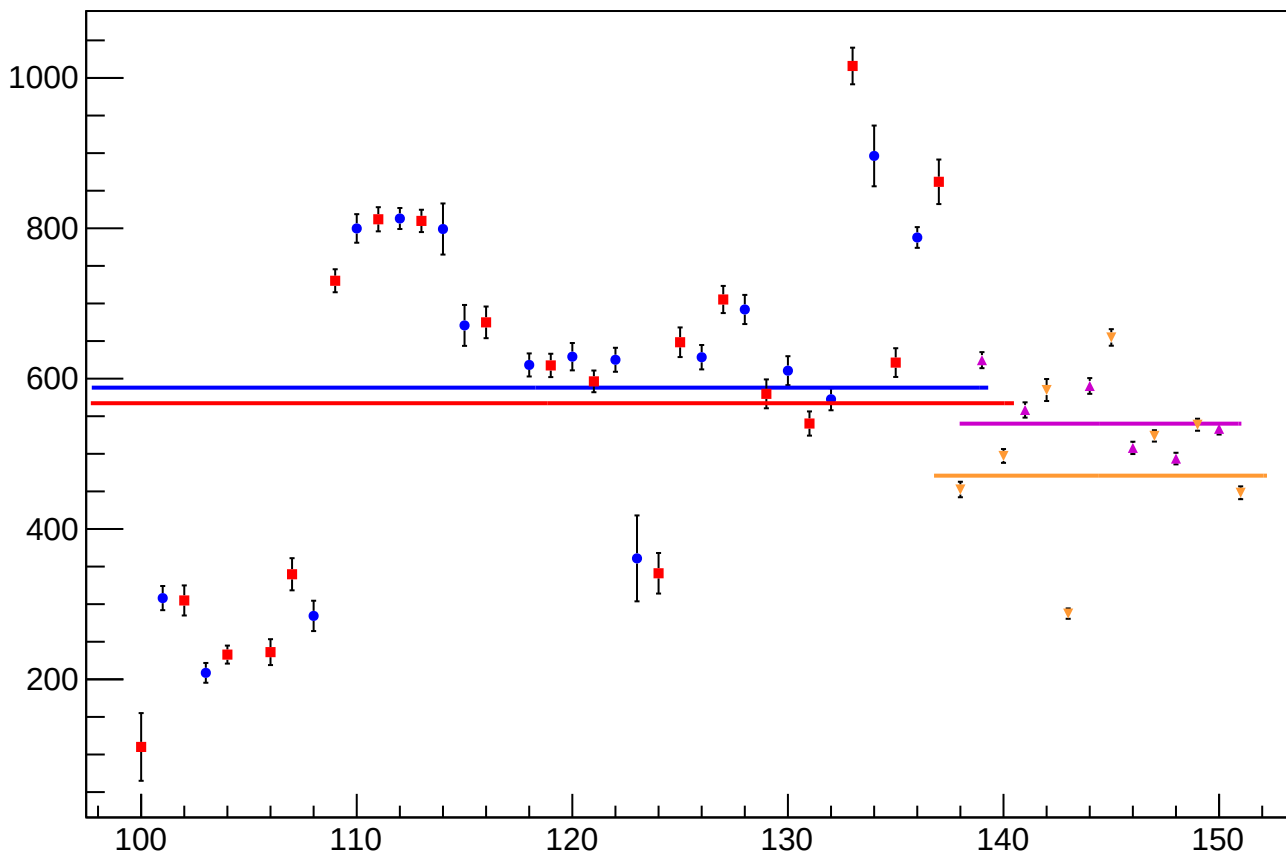
Right: -8.788 $\pm$ 1.617 χ^2/NDF : 687.9/35

In: 5.186 $\pm$ 1.649 χ^2/NDF :505.7/22

Out: 5.961 $\pm$ 1.496 χ^2/NDF :520.8/26

All: 5.611 $\pm$ 1.108 χ^2/NDF : 1026.7/49

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: 540.124 $\pm$ 3.621 χ^2 /NDF:141.3/5

Left: 500.569 $\pm$ 2.370 χ^2 /NDF: 1533.6/13

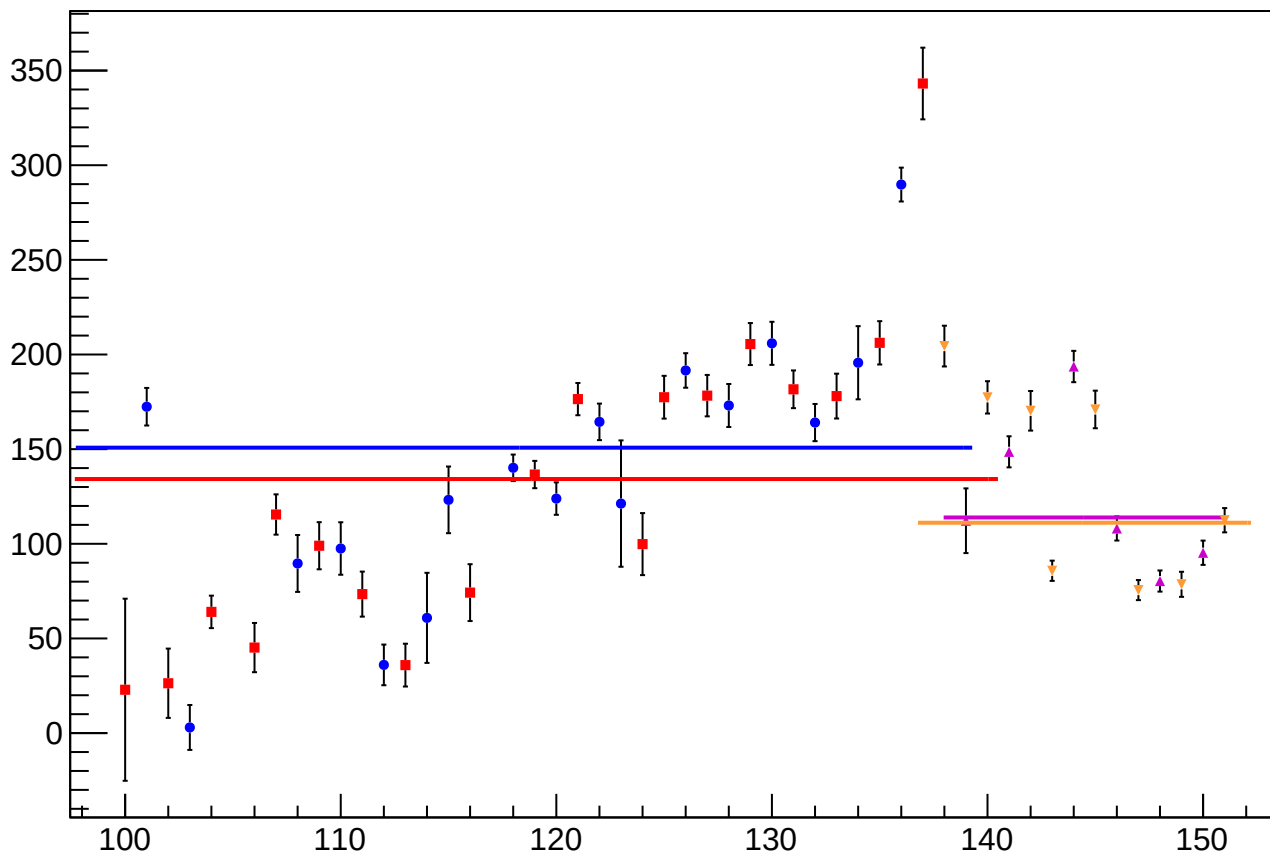
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 559.846 $\pm$ 2.777 χ^2 /NDF:2341.1/22

Out: 506.121 $\pm$ 2.497 χ^2 /NDF:4313.0/26

All: 530.136 $\pm$ 1.857 χ^2 /NDF: 6861.1/49

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: 113.905 $\pm$ 2.963 χ^2 /NDF: 156.2/5

Left: 112.286 $\pm$ 1.913 χ^2 /NDF: 451.9/13

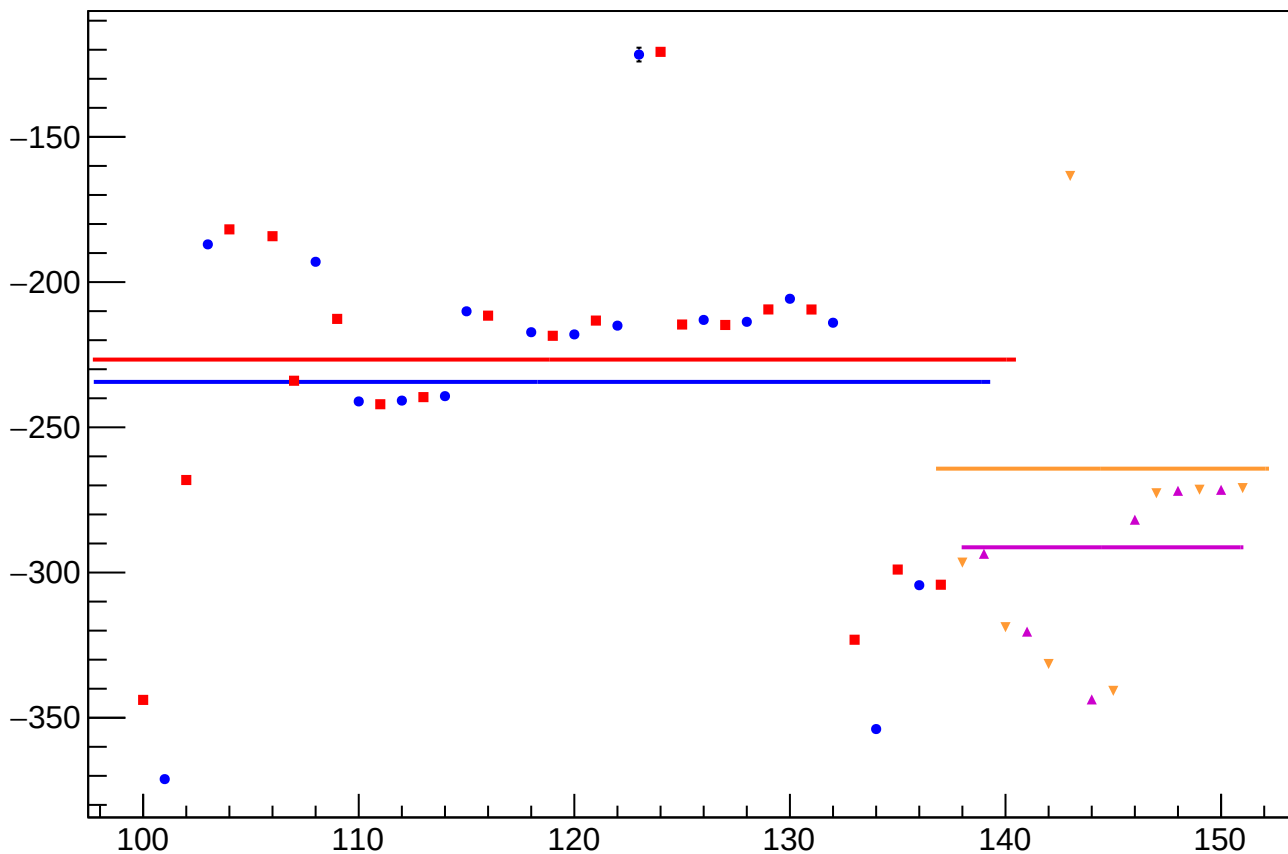
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 134.191 $\pm$ 1.987 χ^2 /NDF: 874.6/22

Out: 122.179 $\pm$ 1.809 χ^2 /NDF: 917.5/26

All: 127.624 $\pm$ 1.338 χ^2 /NDF: 1812.0/49

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -264.230 ± 0.133 $\chi^2/\text{NDF}: 201216.7/7$

Right Out: -226.674 ± 0.141 $\chi^2/\text{NDF}: 99490.5/18$

Left In: -291.308 ± 0.152 $\chi^2/\text{NDF}: 25948.3/5$

Left: -276.000 ± 0.100 $\chi^2/\text{NDF}: 245216.1/13$

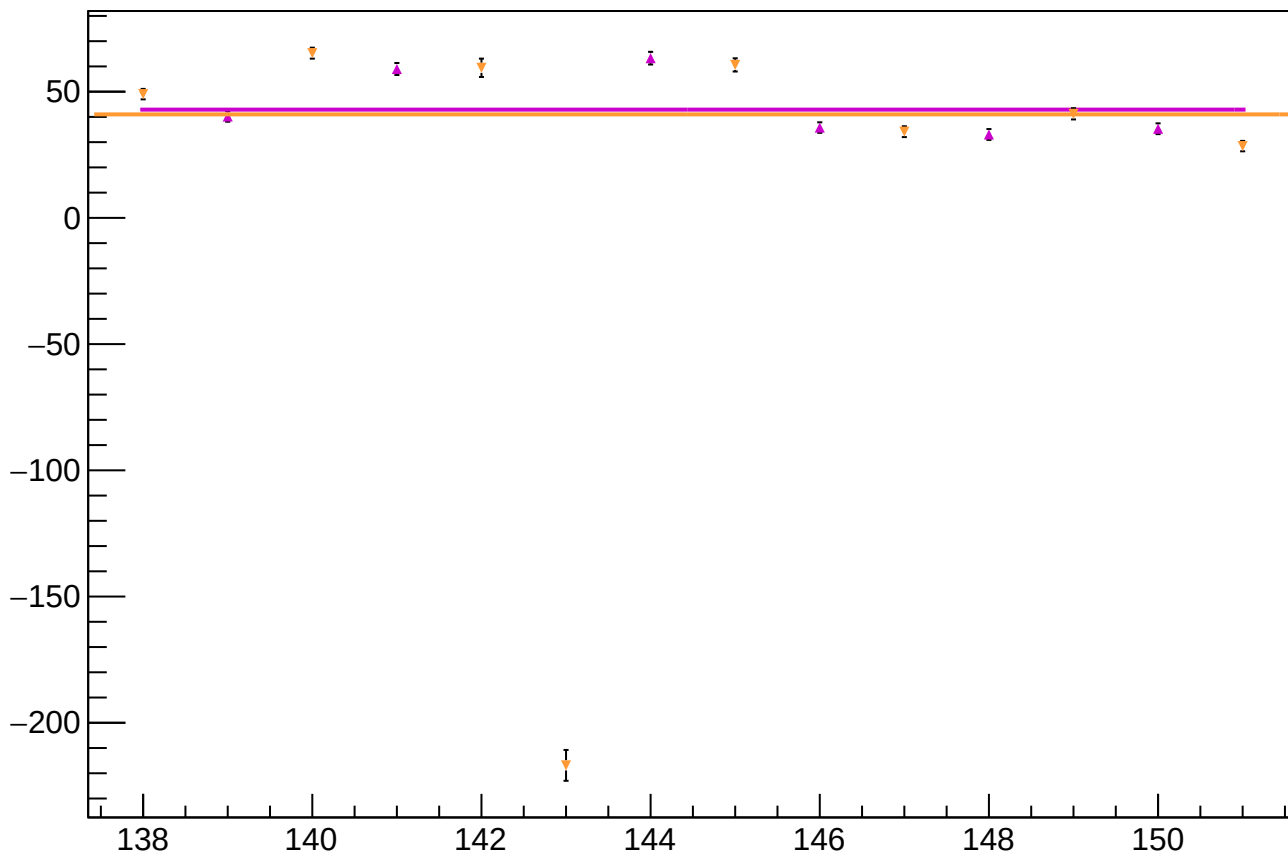
Right: -230.326 ± 0.102 $\chi^2/\text{NDF}: 246056.0/35$

In: -262.254 ± 0.106 $\chi^2/\text{NDF}: 243161.3/22$

Out: -246.599 ± 0.097 $\chi^2/\text{NDF}: 338208.5/26$

All: -253.712 ± 0.071 $\chi^2/\text{NDF}: 593257.9/49$

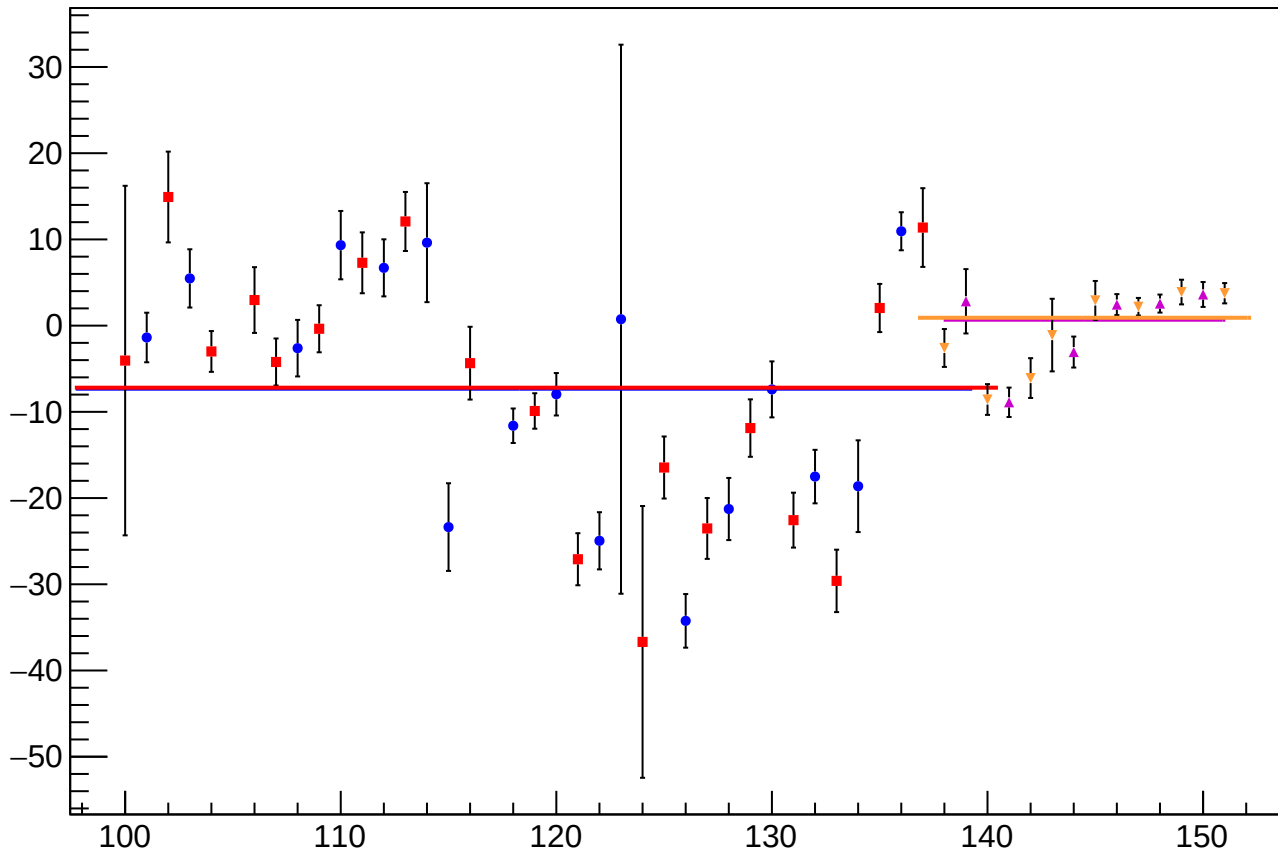
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 42.887+/-0.900 χ^2/NDF :158.4/5

Left: 41.902+/-0.622 χ^2/NDF : 2210.2/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 42.887+/-0.900 χ^2/NDF :158.4/5
 Out: 41.000+/-0.861 χ^2/NDF :2049.5/7
 All: 41.902+/-0.622 χ^2/NDF : 2210.2/13

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: 0.685 ± 0.598 χ^2/NDF : 45.6/5

Left: 0.806 ± 0.411 χ^2/NDF : 98.5/13

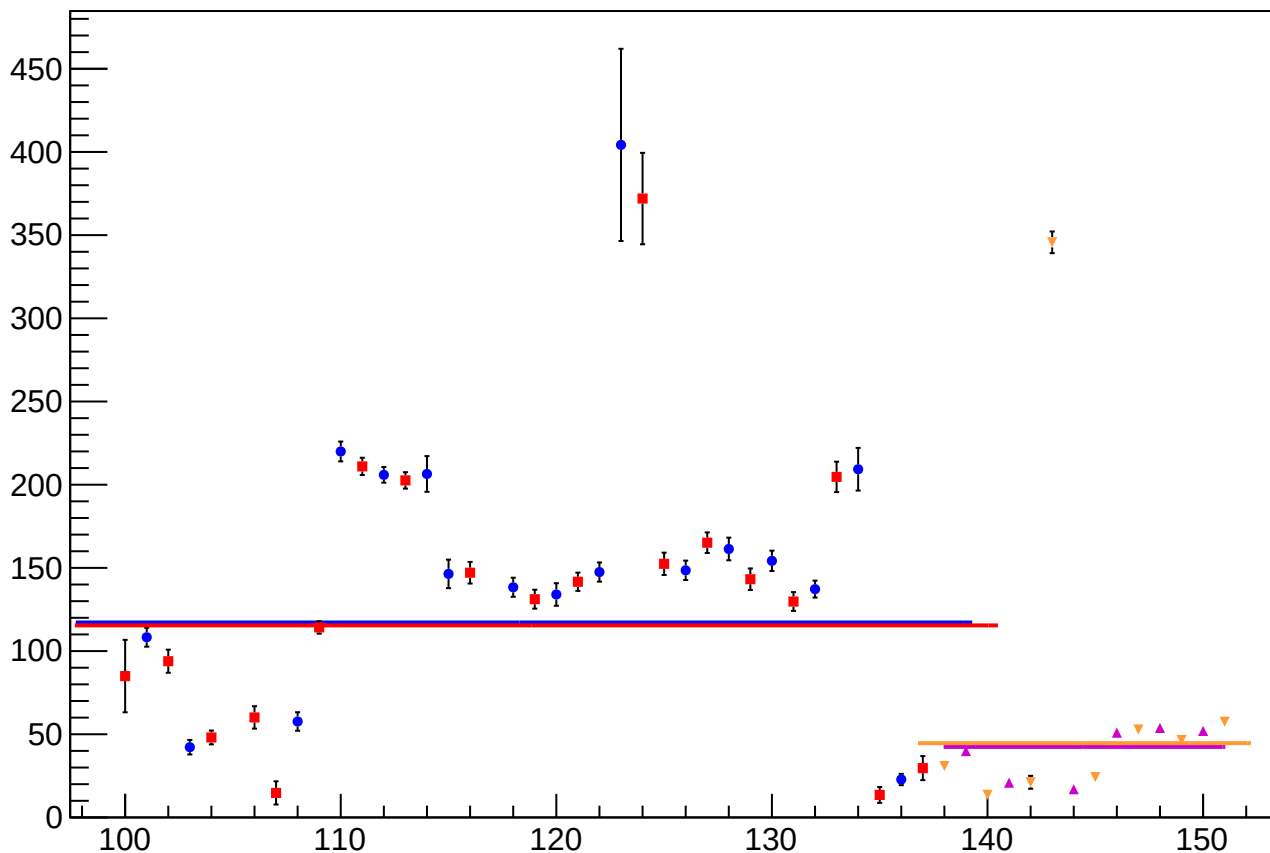
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.274 ± 0.475 χ^2/NDF : 390.9/22

Out: -1.966 ± 0.454 χ^2/NDF : 378.1/26

All: -2.113 ± 0.328 χ^2/NDF : 769.3/49

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 44.657 $\pm$ 0.862 χ^2 /NDF:2504.7/7

Right Out: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 42.406 $\pm$ 0.897 χ^2 /NDF:236.7/5

Left: 43.577 $\pm$ 0.622 χ^2 /NDF: 2744.7/13

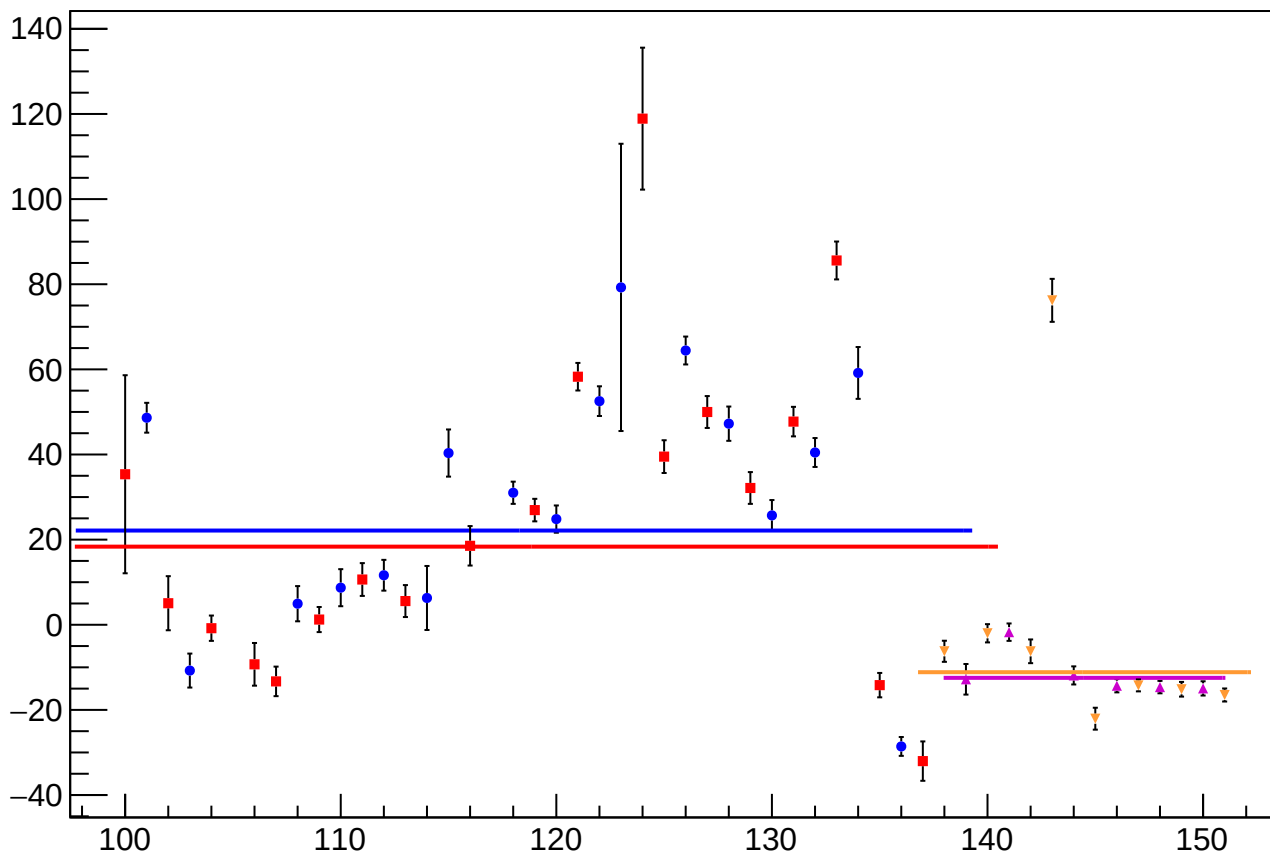
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 63.922 $\pm$ 0.757 χ^2 /NDF:4395.3/22

Out: 64.929 $\pm$ 0.728 χ^2 /NDF:6587.2/26

All: 64.445 $\pm$ 0.525 χ^2 /NDF: 10983.5/49

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -11.142 ± 0.713 $\chi^2/\text{NDF}: 365.2/7$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -12.470 ± 0.751 $\chi^2/\text{NDF}: 33.4/5$

Left: -11.772 ± 0.517 $\chi^2/\text{NDF}: 400.3/13$

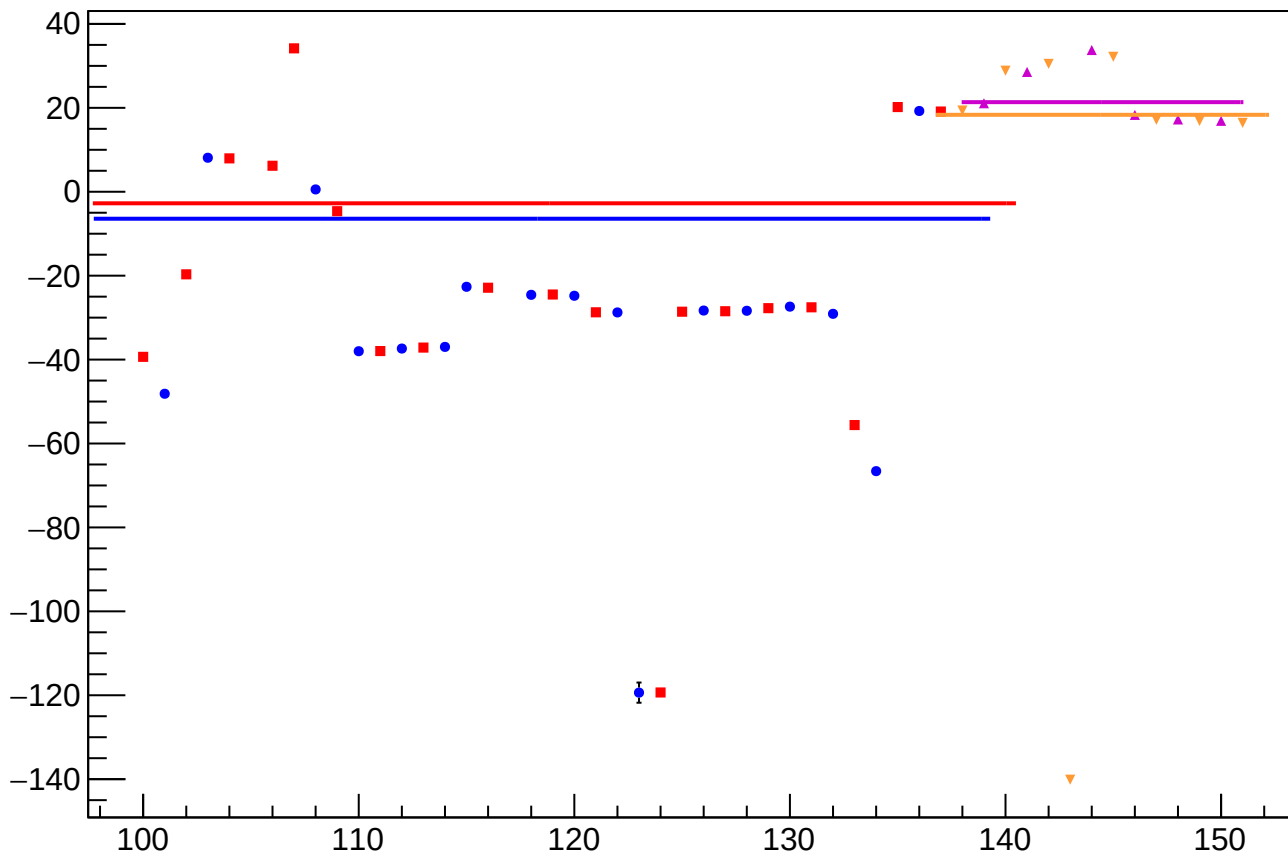
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: 1.895 ± 0.574 $\chi^2/\text{NDF}: 1979.6/22$

Out: 0.683 ± 0.552 $\chi^2/\text{NDF}: 2122.6/26$

All: 1.265 ± 0.398 $\chi^2/\text{NDF}: 4104.5/49$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.338 ± 0.037 χ^2/NDF : 399576.0/7

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 21.356 ± 0.037 χ^2/NDF : 22374.5/5

Left: 19.826 ± 0.026 χ^2/NDF : 425300.2/13

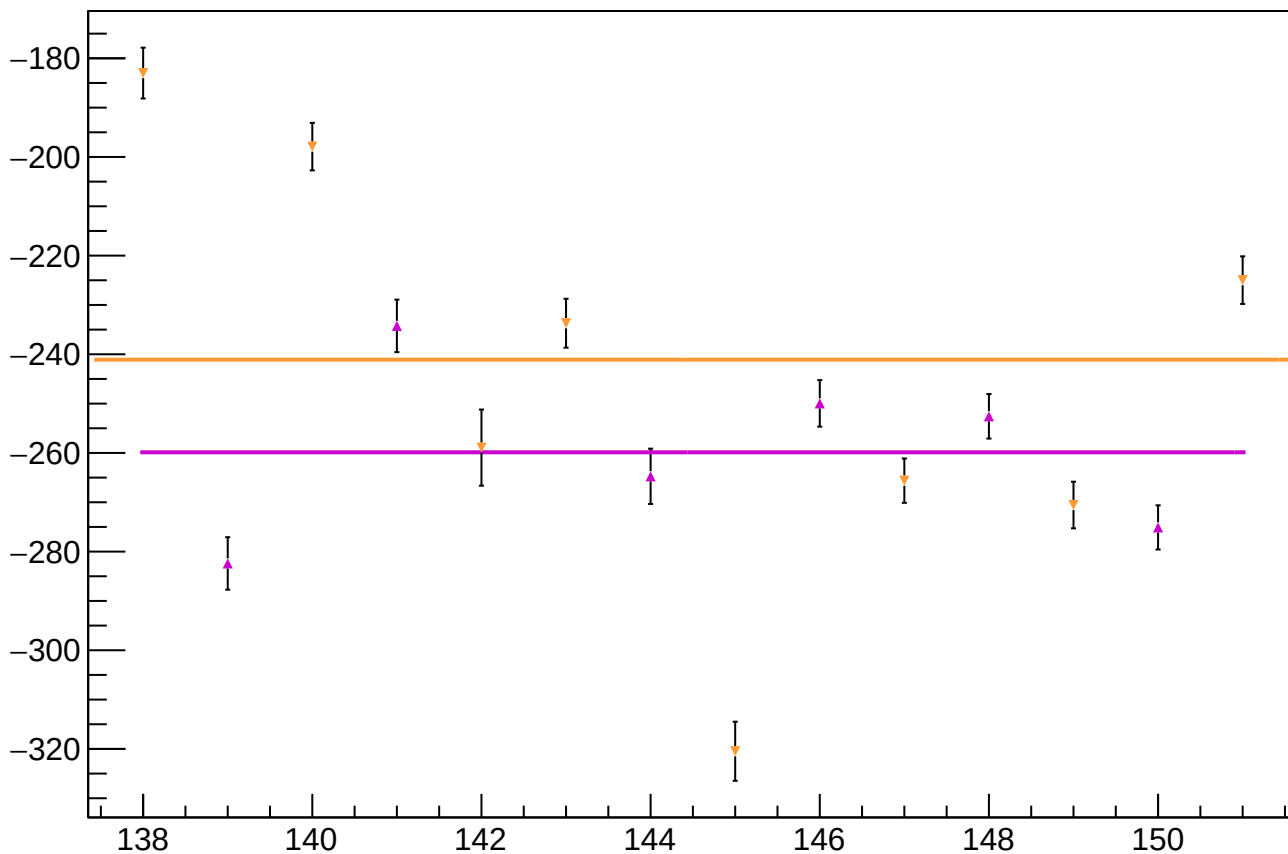
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 10.457 ± 0.029 χ^2/NDF : 507214.2/22

Out: 10.087 ± 0.029 χ^2/NDF : 795633.6/26

All: 10.270 ± 0.020 χ^2/NDF : 1302930.6/49

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: -259.872+/-2.015 χ^2/NDF :60.4/5

Left: -249.505+/-1.349 χ^2/NDF : 578.9/13

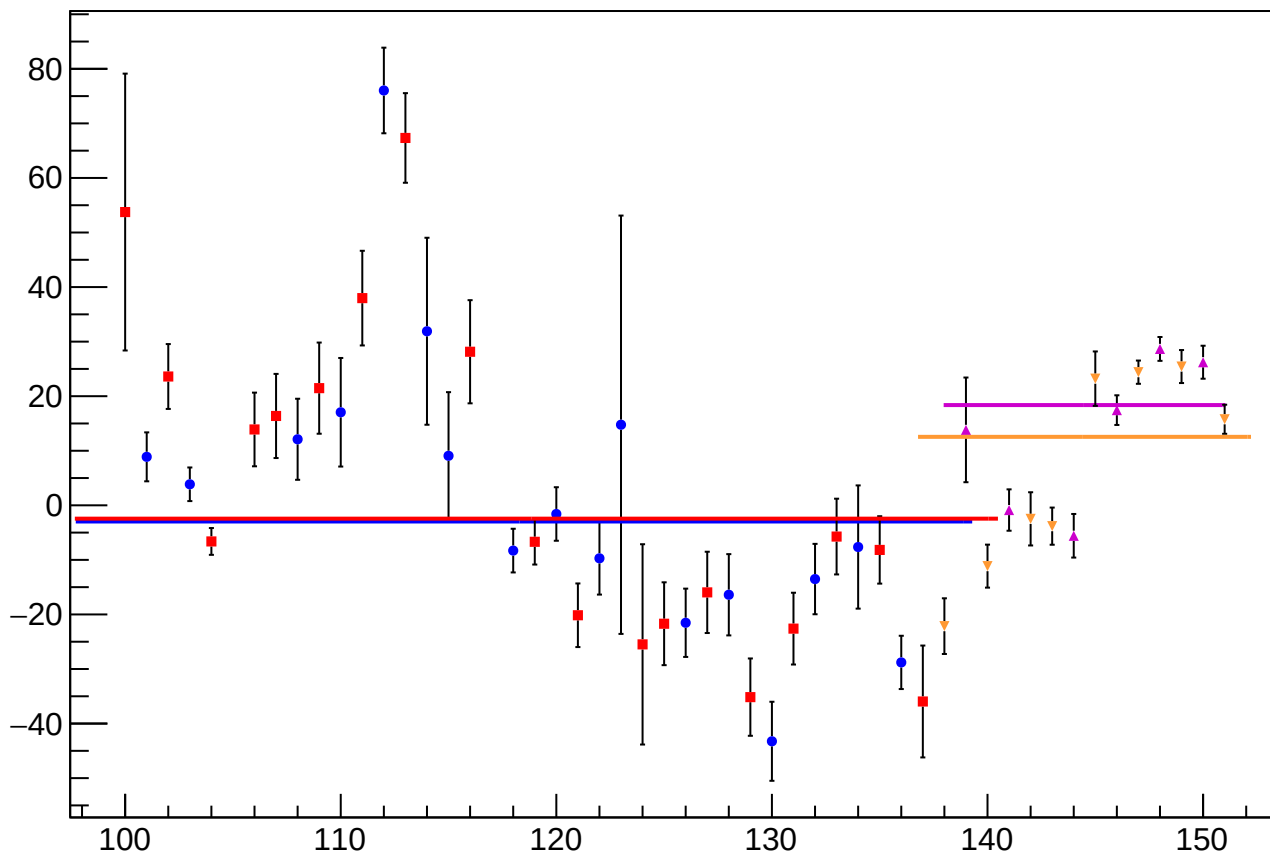
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -259.872+/-2.015 χ^2/NDF :60.4/5

Out: -241.092+/-1.816 χ^2/NDF :470.5/7

All: -249.505+/-1.349 χ^2/NDF : 578.9/13

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 12.550 ± 1.161 χ^2/NDF : 170.1/7

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 18.373 ± 1.294 χ^2/NDF : 90.9/5

Left: 15.147 ± 0.864 χ^2/NDF : 272.3/13

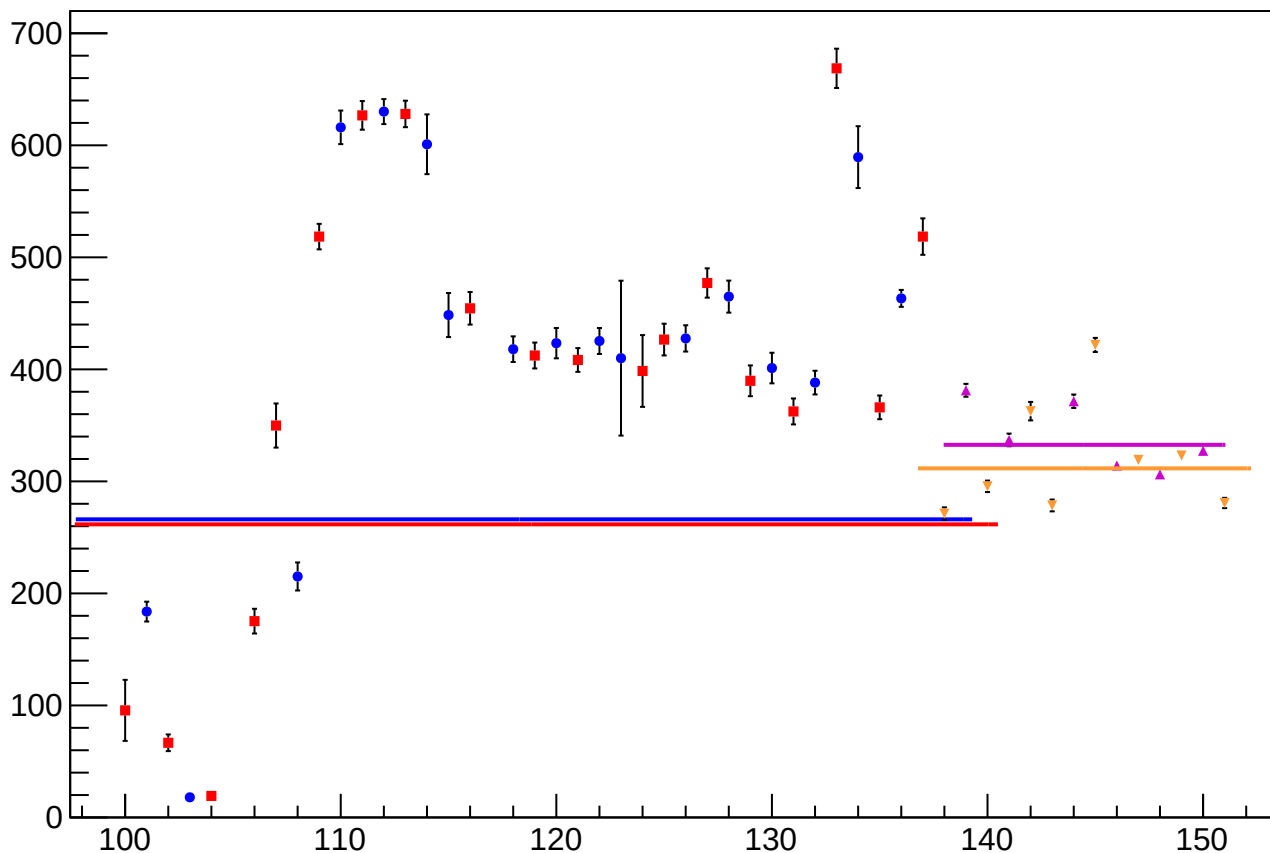
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 8.929 ± 0.966 χ^2/NDF : 414.8/22

Out: 6.421 ± 0.893 χ^2/NDF : 453.7/26

All: 7.577 ± 0.656 χ^2/NDF : 872.1/49

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: 332.614 $\pm$ 1.995 χ^2 /NDF:171.3/5

Left: 321.168 $\pm$ 1.346 χ^2 /NDF: 732.7/13

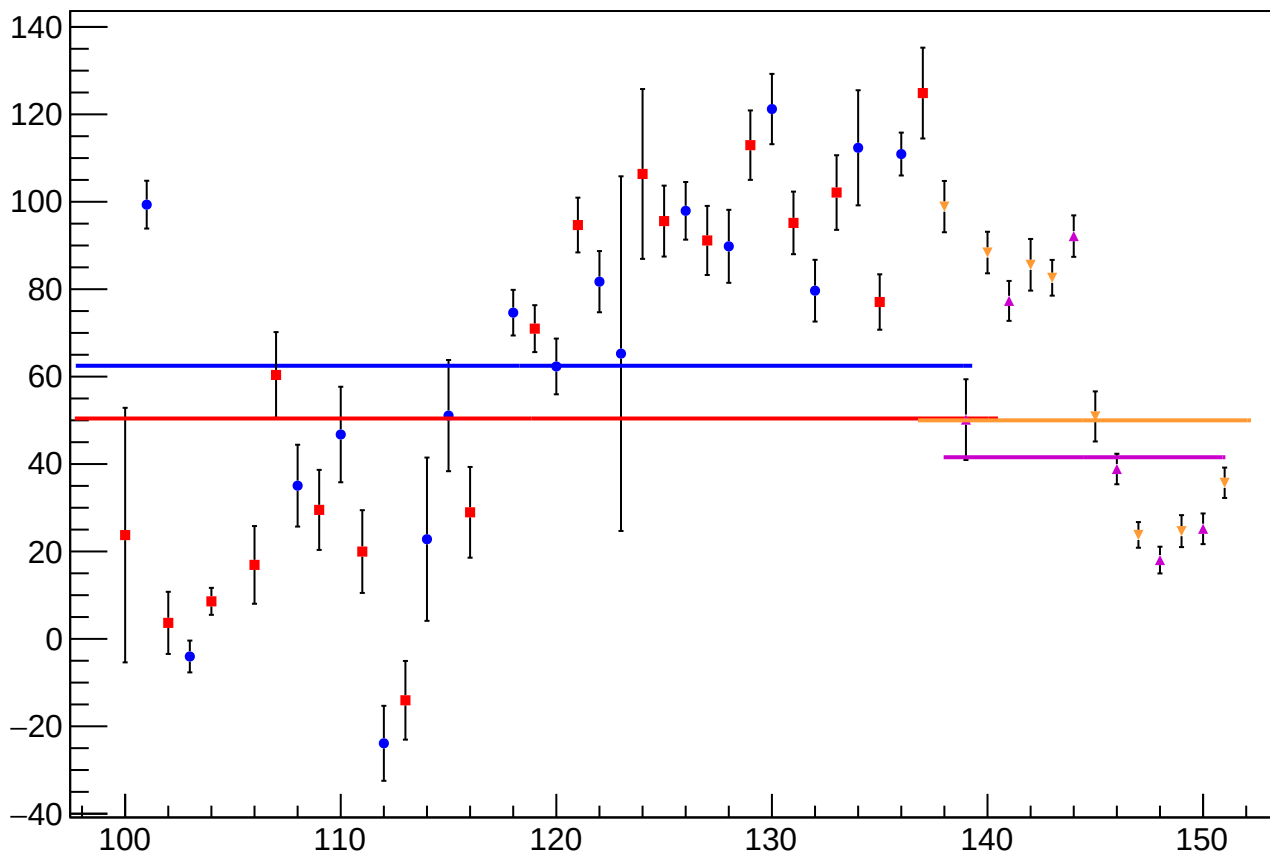
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 306.487 $\pm$ 1.555 χ^2 /NDF:8251.8/22

Out: 293.877 $\pm$ 1.464 χ^2 /NDF:8977.5/26

All: 299.802 $\pm$ 1.066 χ^2 /NDF: 17264.2/49

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 49.996 $\pm$ 1.465 χ^2 /NDF:379.1/7

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 41.559 $\pm$ 1.634 χ^2 /NDF:257.6/5

Left: 46.236 $\pm$ 1.091 χ^2 /NDF: 651.5/13

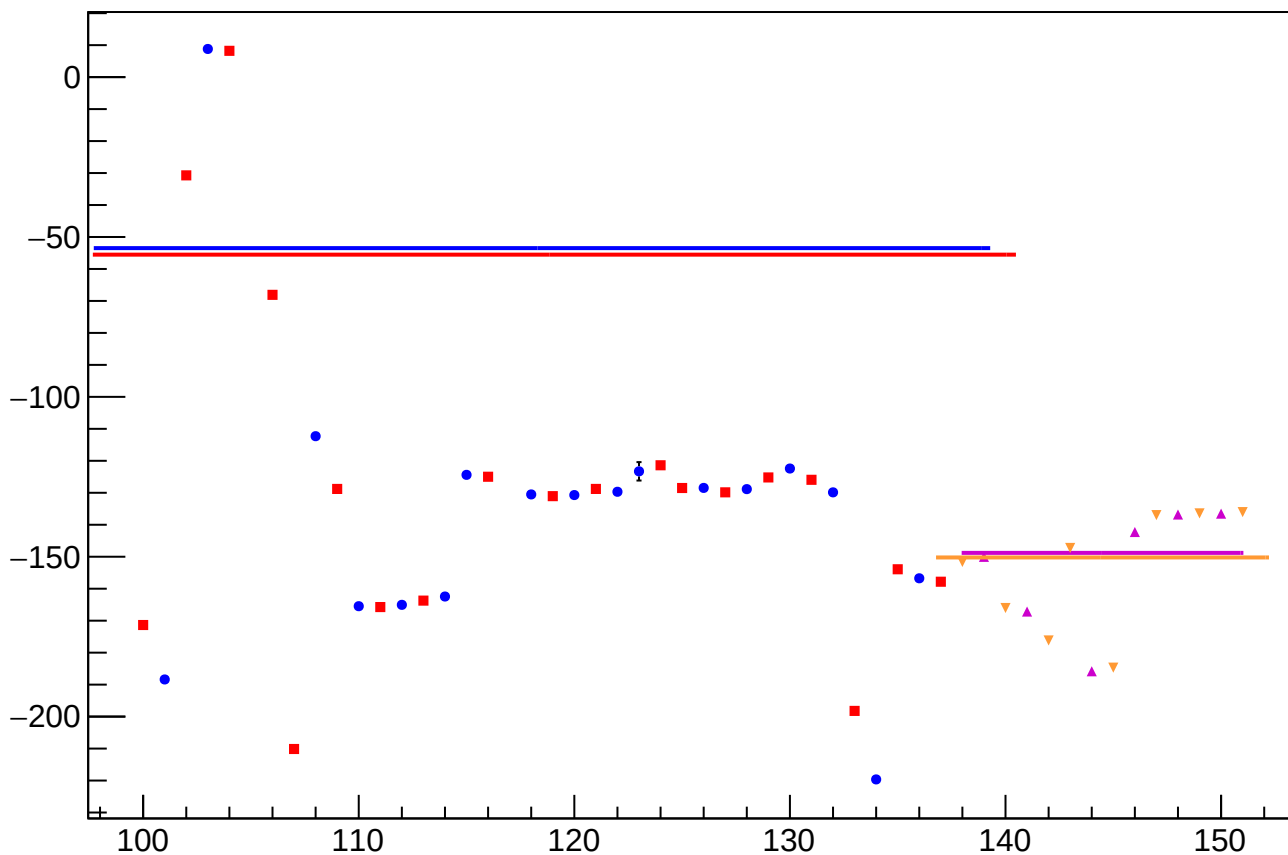
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 51.726 $\pm$ 1.172 χ^2 /NDF:1058.0/22

Out: 50.185 $\pm$ 1.093 χ^2 /NDF:1030.6/26

All: 50.902 $\pm$ 0.799 χ^2 /NDF: 2089.5/49

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: -148.795+/-0.083 χ^2/NDF : 36559.3/5

Left: -149.562+/-0.057 χ^2/NDF : 81987.7/13

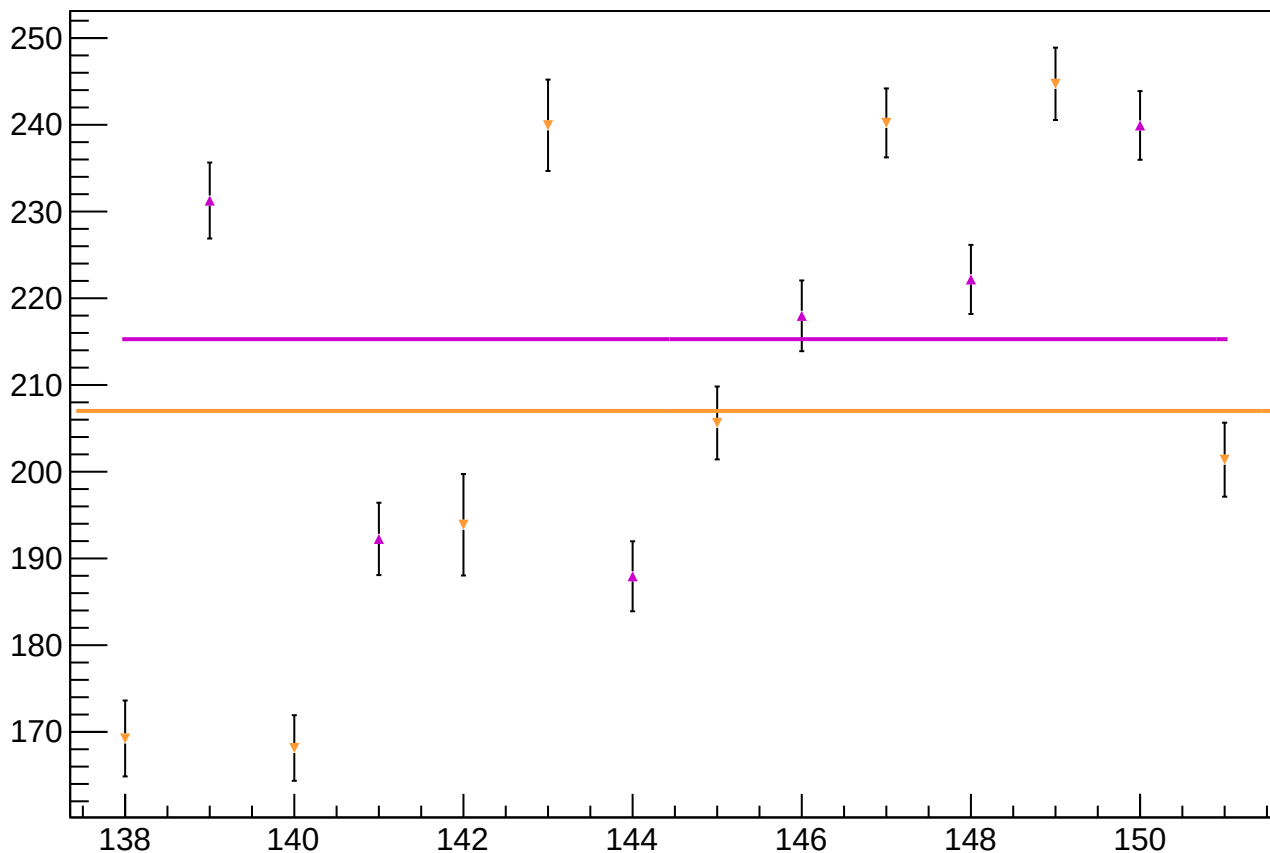
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -93.096+/-0.054 χ^2/NDF : 2029103.7/22

Out: -99.183+/-0.053 χ^2/NDF : 1815089.3/26

All: -96.194+/-0.038 χ^2/NDF : 3850722.6/49

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: 215.282+/-1.671 χ^2/NDF :131.9/5

Left: 210.816+/-1.134 χ^2/NDF : 522.8/13

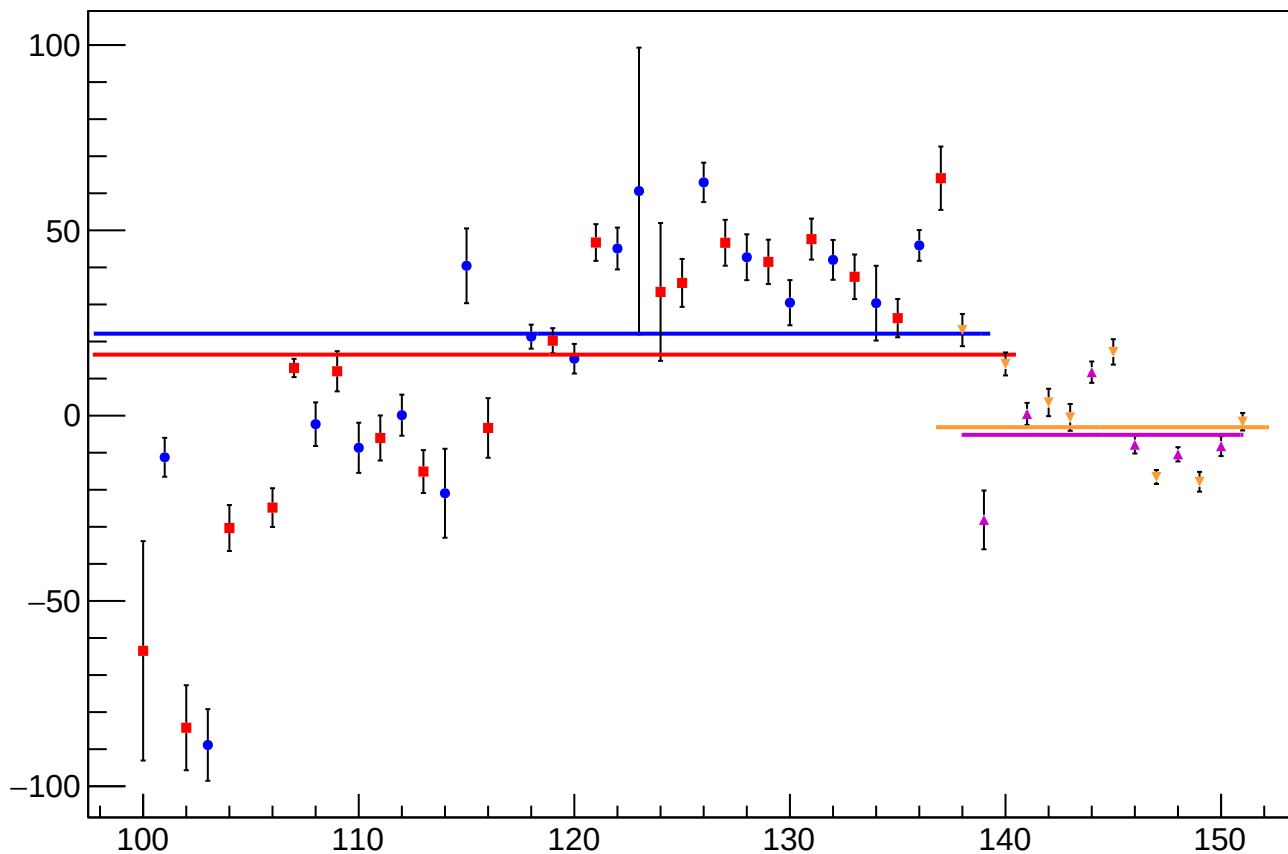
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.282+/-1.671 χ^2/NDF :131.9/5

Out: 207.008+/-1.543 χ^2/NDF :377.7/7

All: 210.816+/-1.134 χ^2/NDF : 522.8/13

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: -3.116 $\pm$ 1.003 χ^2 /NDF:187.1/7

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

Left In: -5.179 $\pm$ 1.095 χ^2 /NDF:56.4/5

Left: -4.058 $\pm$ 0.740 χ^2 /NDF: 245.4/13

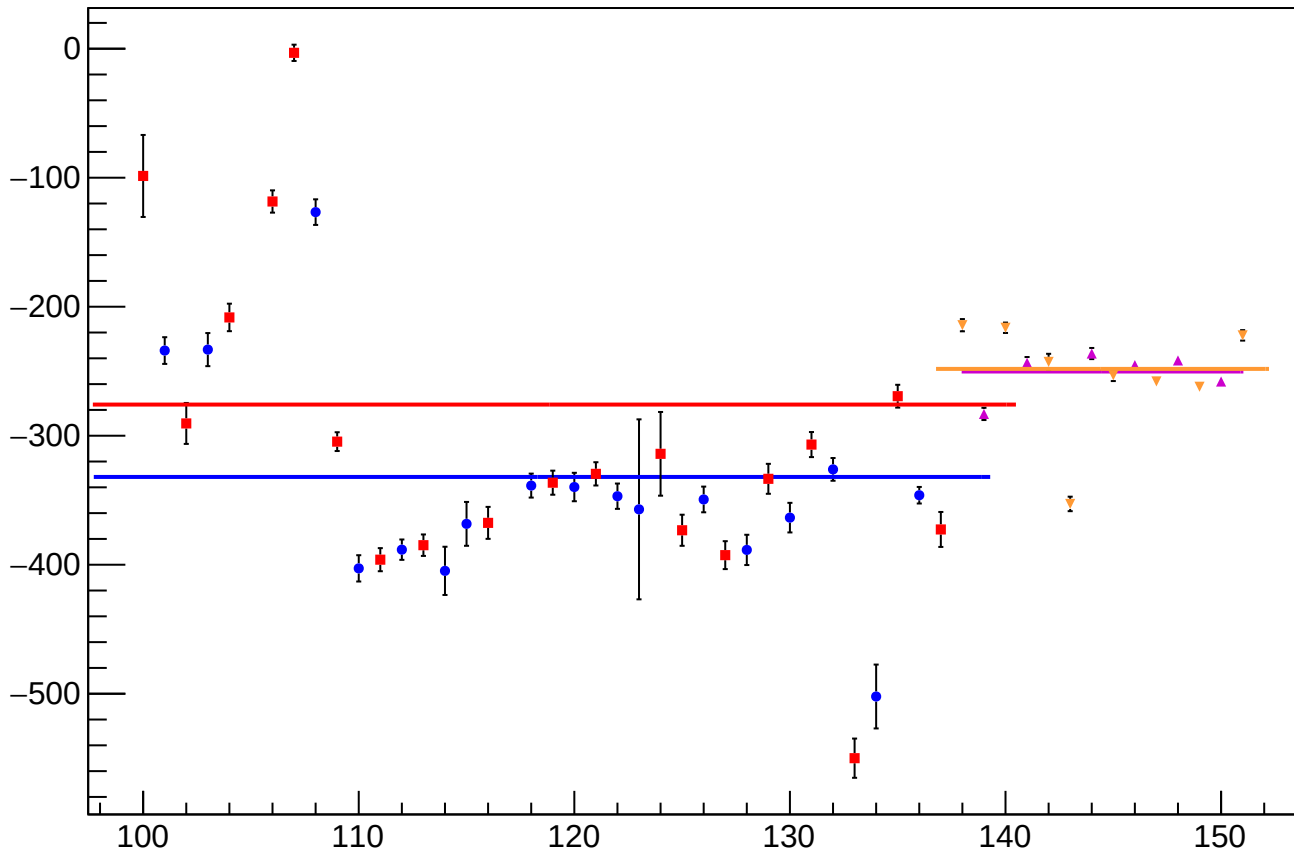
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 5.398 $\pm$ 0.857 χ^2 /NDF:679.3/22

Out: 4.720 $\pm$ 0.777 χ^2 /NDF:763.7/26

All: 5.026 $\pm$ 0.575 χ^2 /NDF: 1443.3/49

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: -250.222 ± 1.668 χ^2/NDF : 72.2/5

Left: -249.143 ± 1.138 χ^2/NDF : 596.4/13

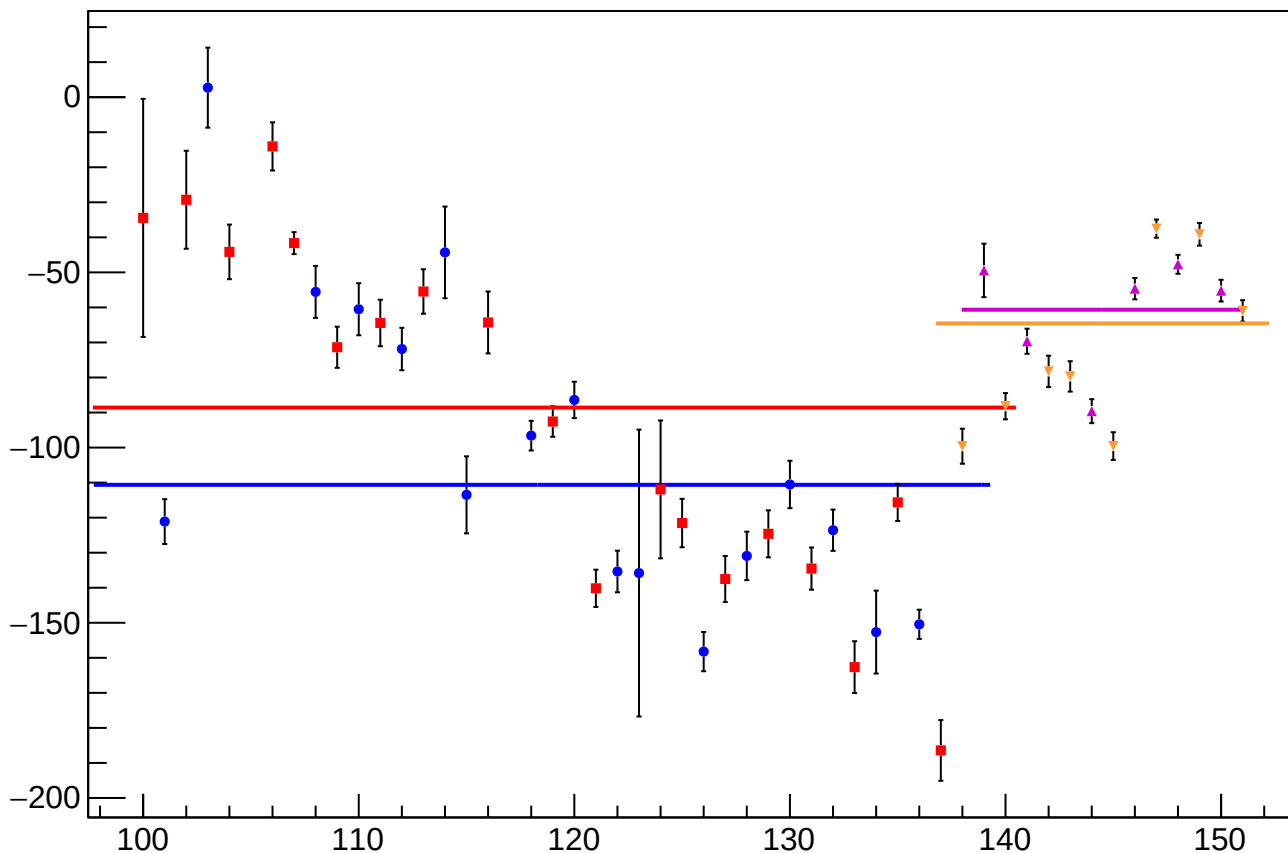
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -274.475 ± 1.399 χ^2/NDF : 1570.6/22

Out: -256.771 ± 1.293 χ^2/NDF : 3982.8/26

All: -264.932 ± 0.950 χ^2/NDF : 5639.7/49

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: -60.657+/-1.373 χ^2/NDF : 110.4/5

Left: -62.779+/-0.929 χ^2/NDF : 475.9/13

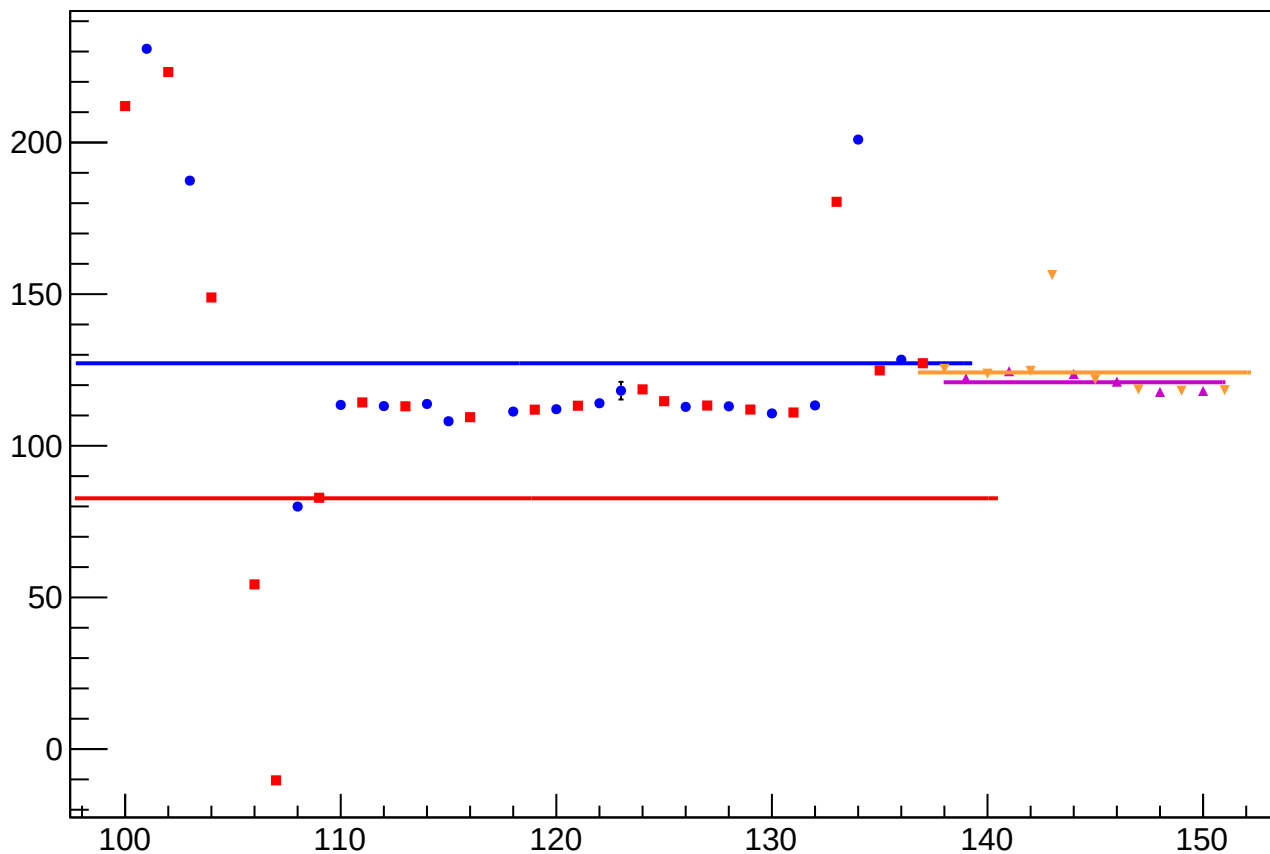
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -82.150+/-1.037 χ^2/NDF : 1188.6/22

Out: -75.044+/-0.947 χ^2/NDF : 1486.1/26

All: -78.274+/-0.699 χ^2/NDF : 2700.3/49

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: 120.947 $\pm$ 0.070 χ^2 /NDF:1422.8/5

Left: 122.645 $\pm$ 0.048 χ^2 /NDF: 26312.3/13

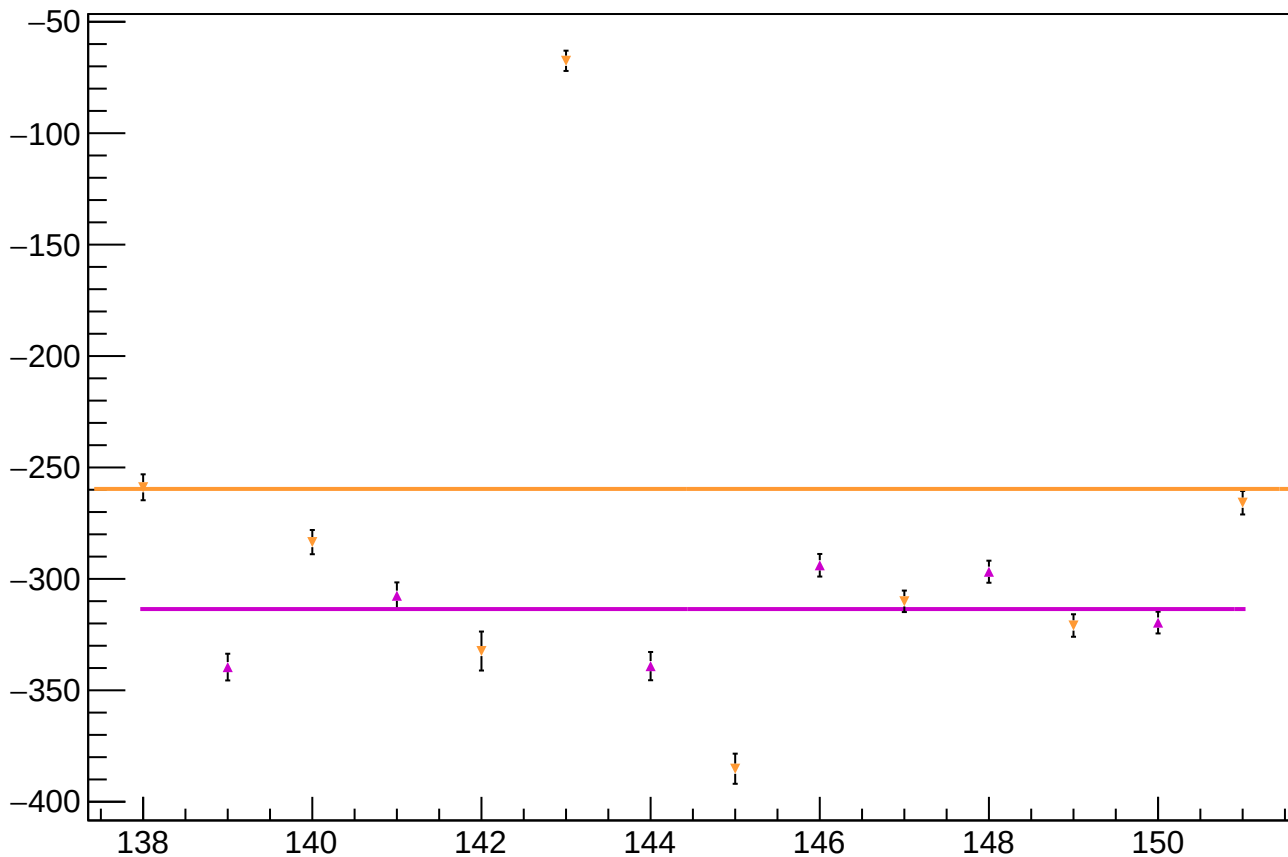
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 123.318 $\pm$ 0.055 χ^2 /NDF:192510.3/22

Out: 106.096 $\pm$ 0.050 χ^2 /NDF:960805.5/26

All: 113.858 $\pm$ 0.037 χ^2 /NDF: 1207437.5/49

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: -313.536+/-2.222 χ^2/NDF :64.2/5

Left: -282.985+/-1.463 χ^2/NDF : 2872.2/13

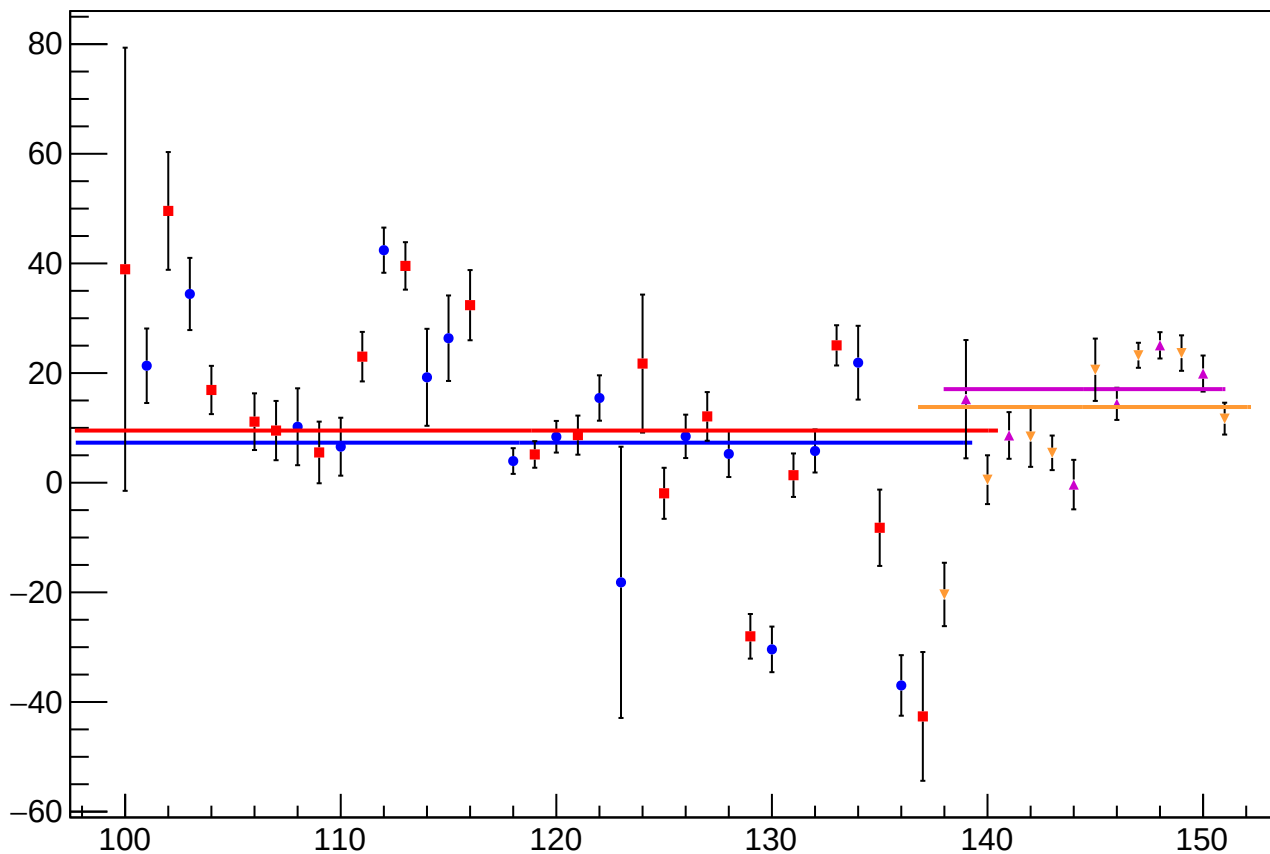
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -313.536+/-2.222 χ^2/NDF :64.2/5

Out: -259.625+/-1.943 χ^2/NDF :2474.4/7

All: -282.985+/-1.463 χ^2/NDF : 2872.2/13

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 13.807 ± 1.240 χ^2/NDF : 80.1/7

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 17.070 ± 1.422 χ^2/NDF : 31.5/5

Left: 15.217 ± 0.934 χ^2/NDF : 114.6/13

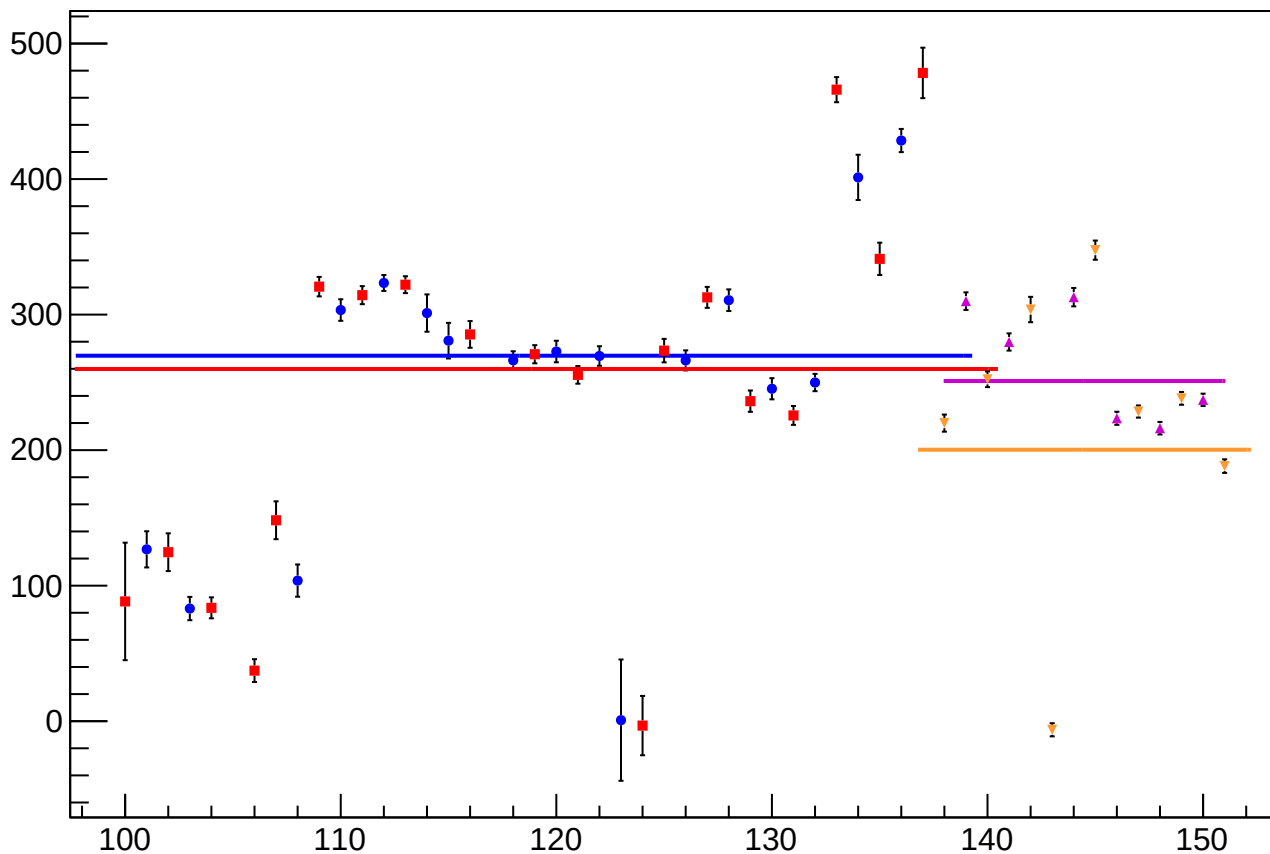
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 10.901 ± 0.863 χ^2/NDF : 322.0/22

Out: 11.351 ± 0.811 χ^2/NDF : 318.6/26

All: 11.140 ± 0.591 χ^2/NDF : 640.7/49

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 ± 2.076 $\chi^2/\text{NDF}: 1376.6/16$

Left Out: 200.307 ± 1.951 $\chi^2/\text{NDF}: 2567.5/7$

Right Out: 259.869 ± 1.977 $\chi^2/\text{NDF}: 2543.7/18$

Left In: 250.990 ± 2.196 $\chi^2/\text{NDF}: 284.1/5$

Left: 222.676 ± 1.459 $\chi^2/\text{NDF}: 3149.2/13$

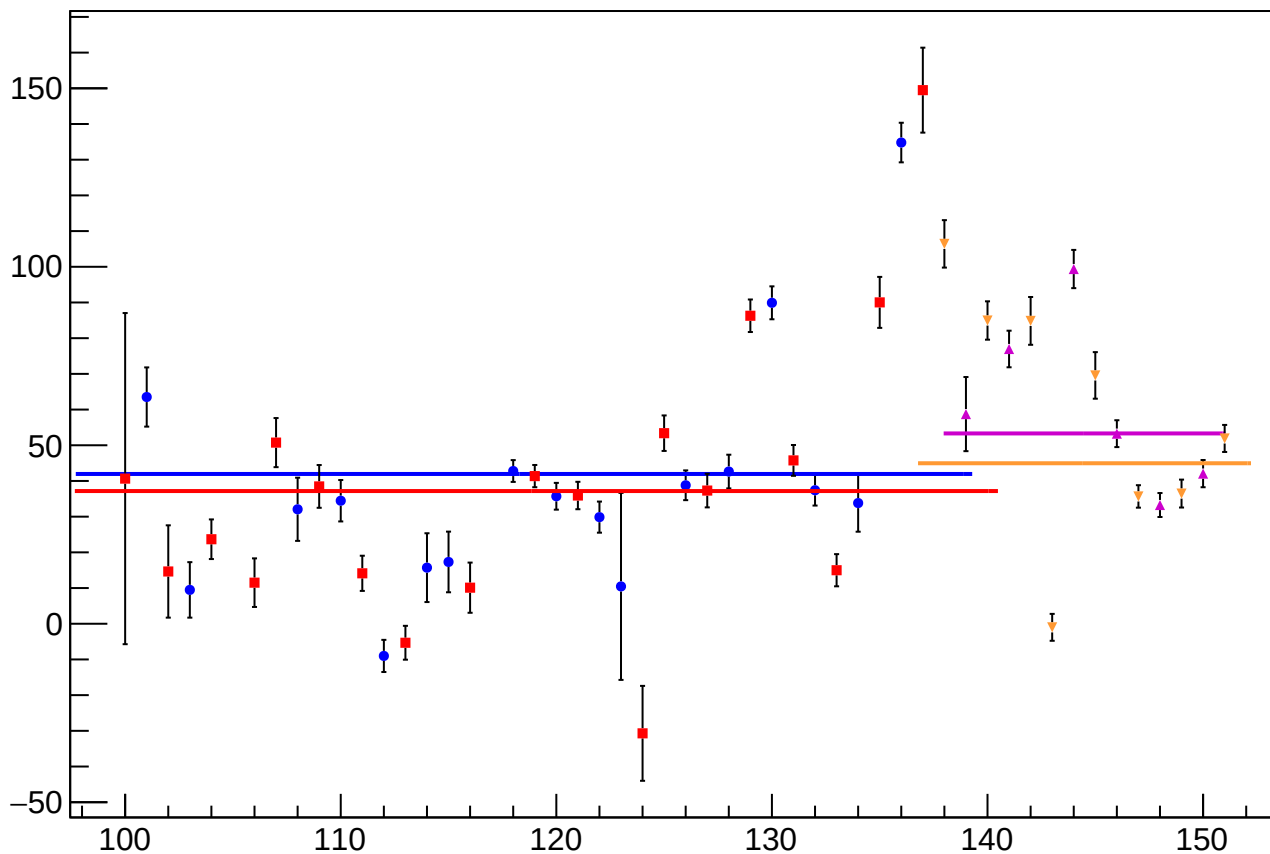
Right: 264.527 ± 1.432 $\chi^2/\text{NDF}: 3931.9/35$

In: 260.849 ± 1.508 $\chi^2/\text{NDF}: 1698.9/22$

Out: 229.705 ± 1.389 $\chi^2/\text{NDF}: 5570.9/26$

All: 243.992 ± 1.022 $\chi^2/\text{NDF}: 7500.5/49$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 44.960 ± 1.563 $\chi^2/\text{NDF}: 356.2/7$

Right Out: 37.174 ± 1.236 $\chi^2/\text{NDF}: 470.9/18$

Left In: 53.315 ± 1.795 $\chi^2/\text{NDF}: 139.9/5$

Left: 48.562 ± 1.179 $\chi^2/\text{NDF}: 508.4/13$

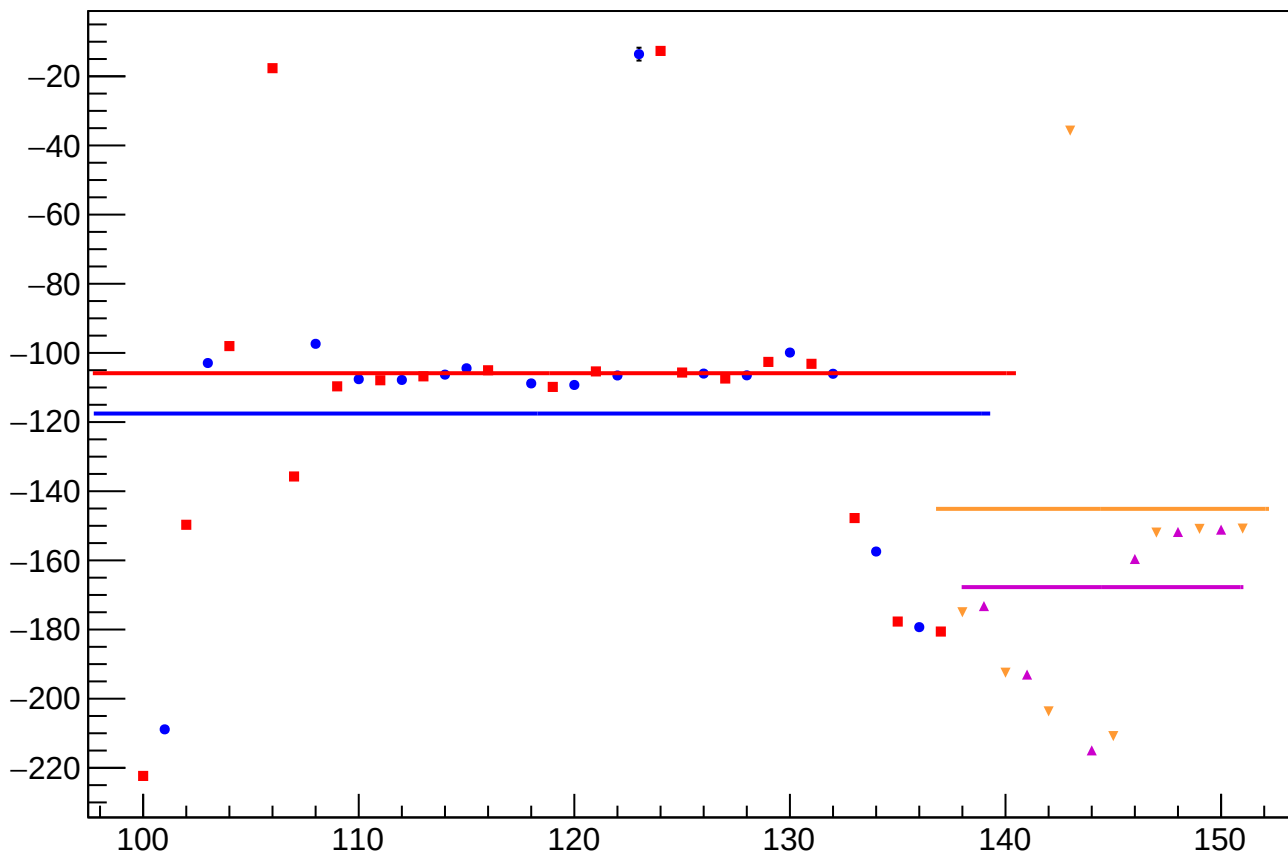
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/35$

In: 45.699 ± 1.030 $\chi^2/\text{NDF}: 741.0/22$

Out: 40.169 ± 0.969 $\chi^2/\text{NDF}: 842.3/26$

All: 42.765 ± 0.706 $\chi^2/\text{NDF}: 1598.6/49$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -145.099+/-0.083 χ^2/NDF : 446194.3/7

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -167.732+/-0.092 χ^2/NDF : 50826.7/5

Left: -155.275+/-0.062 χ^2/NDF : 530387.2/13

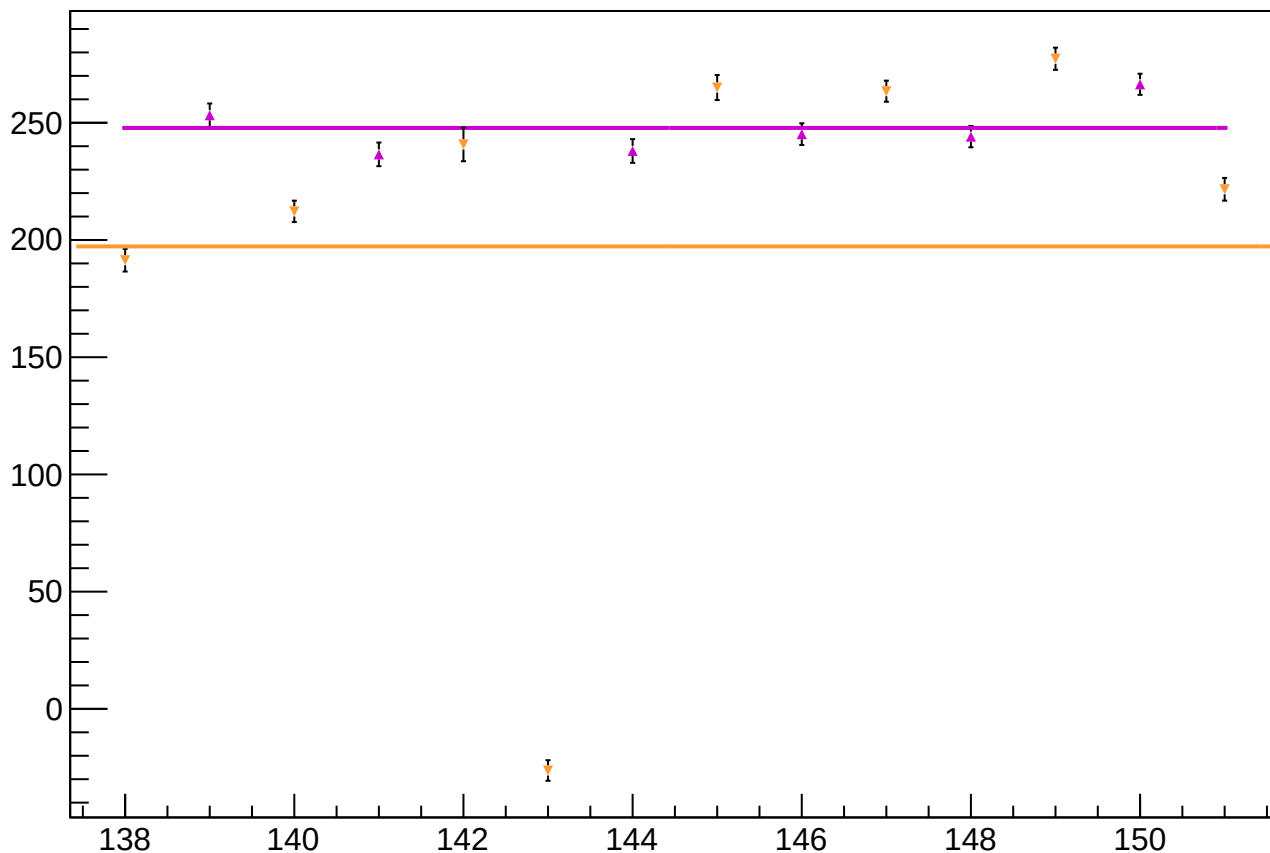
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -138.587+/-0.060 χ^2/NDF : 366023.7/22

Out: -122.900+/-0.055 χ^2/NDF : 896681.4/26

All: -130.088+/-0.040 χ^2/NDF : 1300326.5/49

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: 247.804+/-1.952 χ^2/NDF :28.0/5

Left: 219.523+/-1.296 χ^2/NDF : 3728.3/13

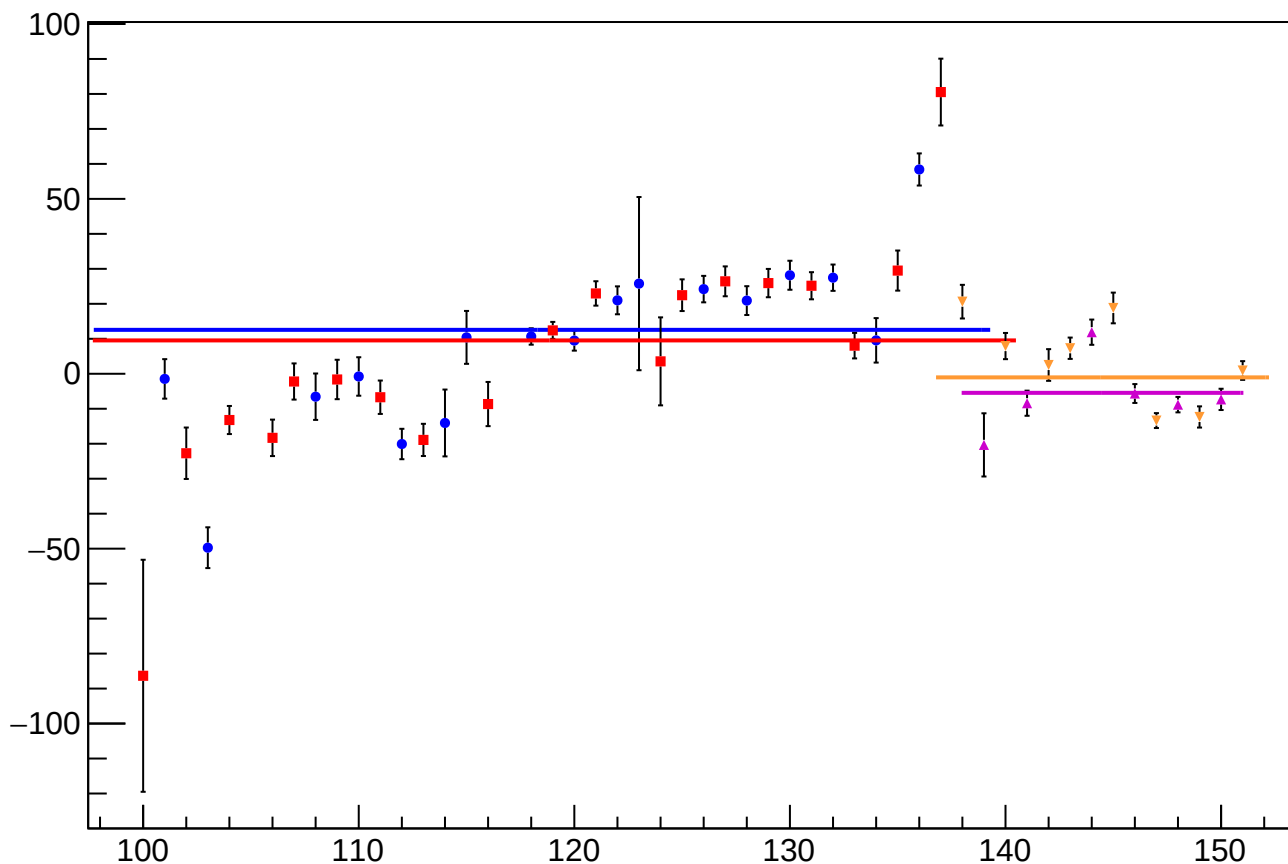
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.804+/-1.952 χ^2/NDF :28.0/5

Out: 197.262+/-1.732 χ^2/NDF :3325.3/7

All: 219.523+/-1.296 χ^2/NDF : 3728.3/13

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: -5.452+/-1.273 χ^2/NDF : 29.2/5

Left: -2.970+/-0.843 χ^2/NDF : 138.5/13

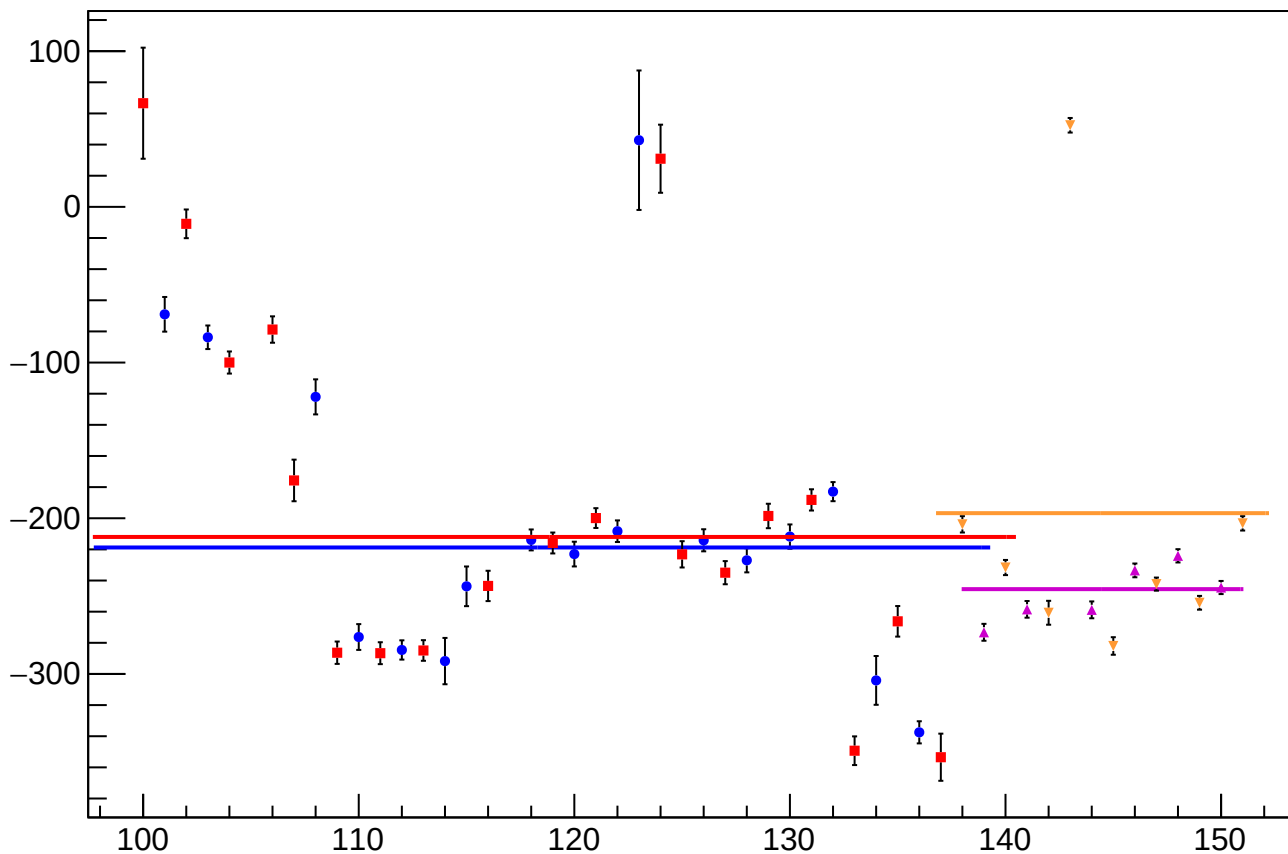
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.206+/-0.813 χ^2/NDF : 496.2/22

Out: 4.617+/-0.767 χ^2/NDF : 445.6/26

All: 4.894+/-0.558 χ^2/NDF : 942.1/49

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: -245.528 ± 1.942 $\chi^2/\text{NDF}: 70.6/5$

Left: -218.582 ± 1.299 $\chi^2/\text{NDF}: 3884.1/13$

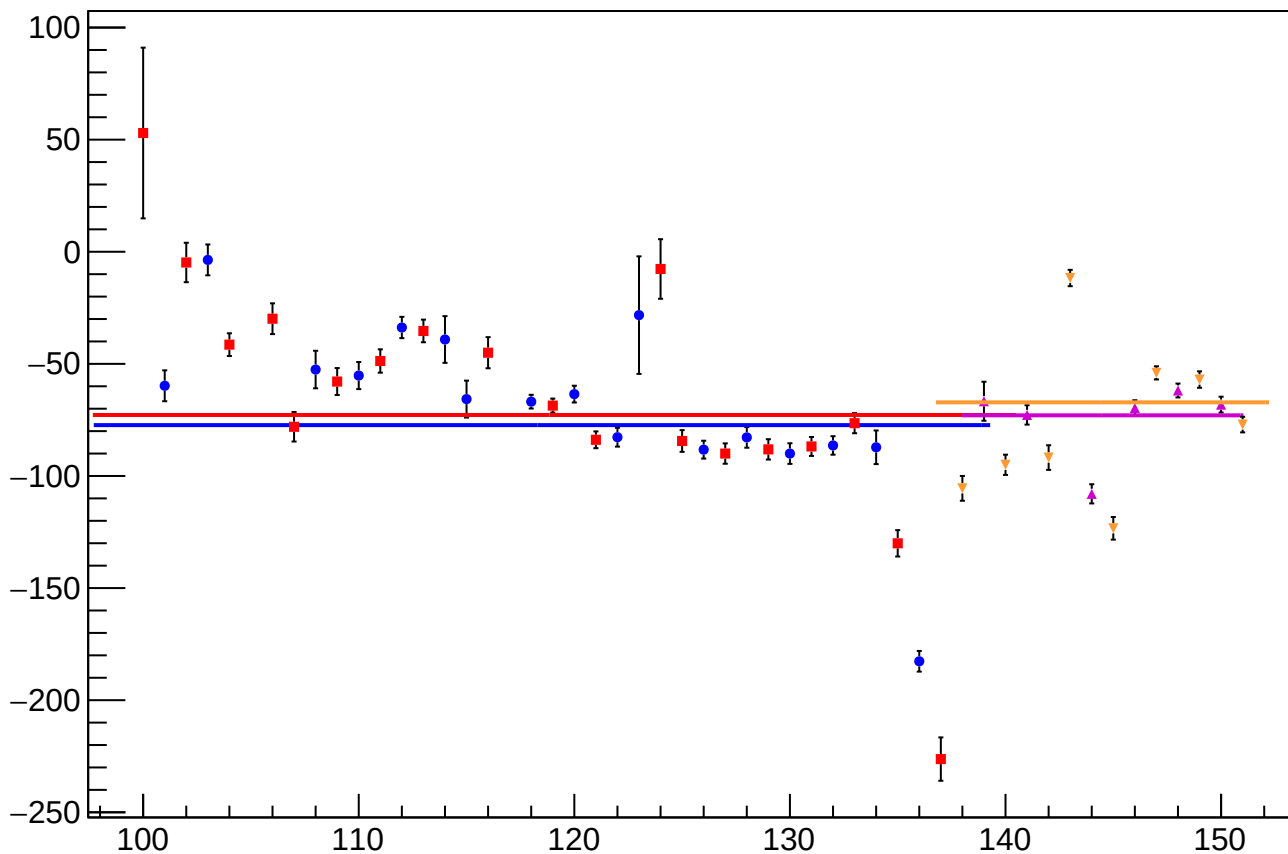
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -232.612 ± 1.397 $\chi^2/\text{NDF}: 1306.7/22$

Out: -203.640 ± 1.294 $\chi^2/\text{NDF}: 5384.9/26$

All: -217.022 ± 0.949 $\chi^2/\text{NDF}: 6923.2/49$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -67.160 ± 1.411 $\chi^2/\text{NDF}: 497.6/7$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -72.960 ± 1.601 $\chi^2/\text{NDF}: 83.1/5$

Left: -69.697 ± 1.059 $\chi^2/\text{NDF}: 588.1/13$

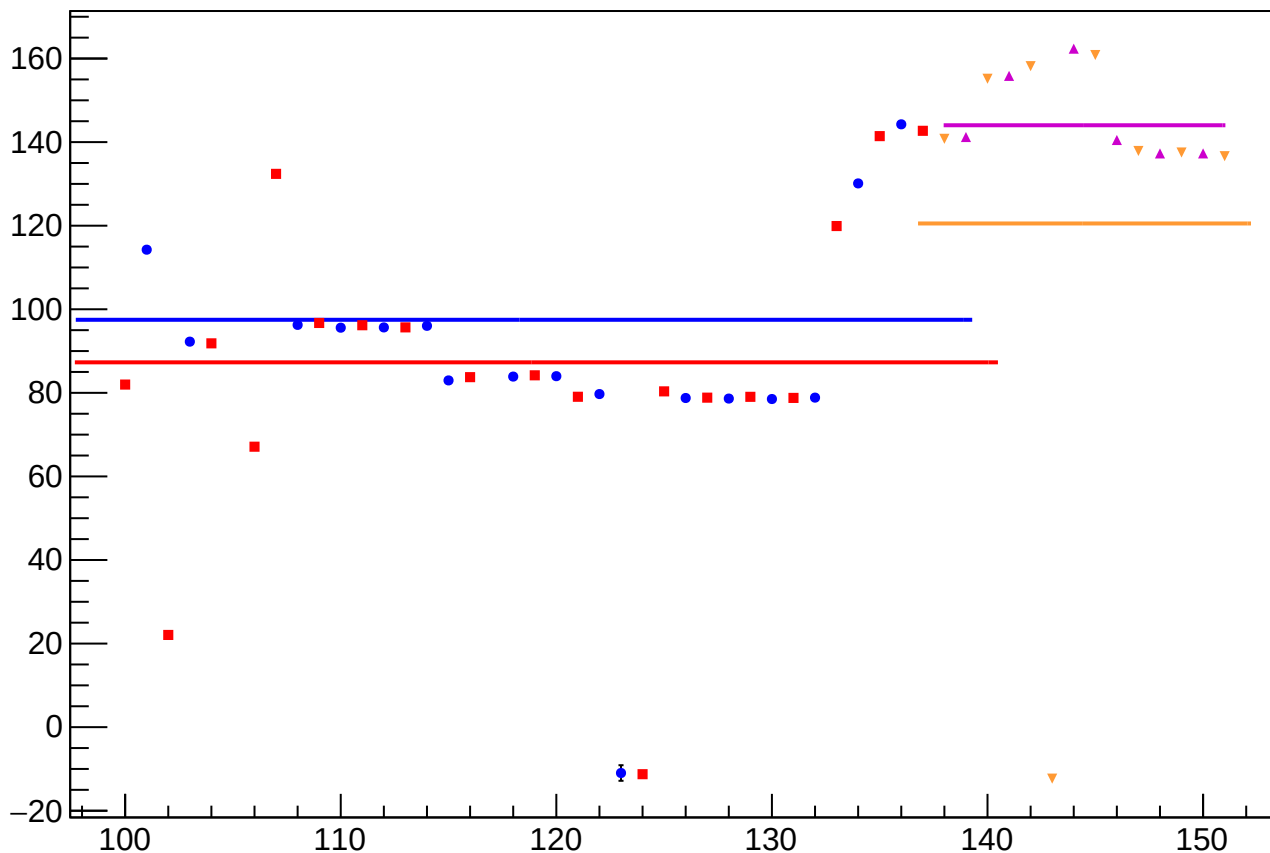
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -75.714 ± 0.971 $\chi^2/\text{NDF}: 905.5/22$

Out: -70.415 ± 0.917 $\chi^2/\text{NDF}: 1178.5/26$

All: -72.913 ± 0.667 $\chi^2/\text{NDF}: 2099.8/49$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 120.531+/-0.074 χ^2/NDF : 603984.4/7

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 144.034+/-0.081 χ^2/NDF : 12306.8/5

Left: 131.252+/-0.055 χ^2/NDF : 662089.2/13

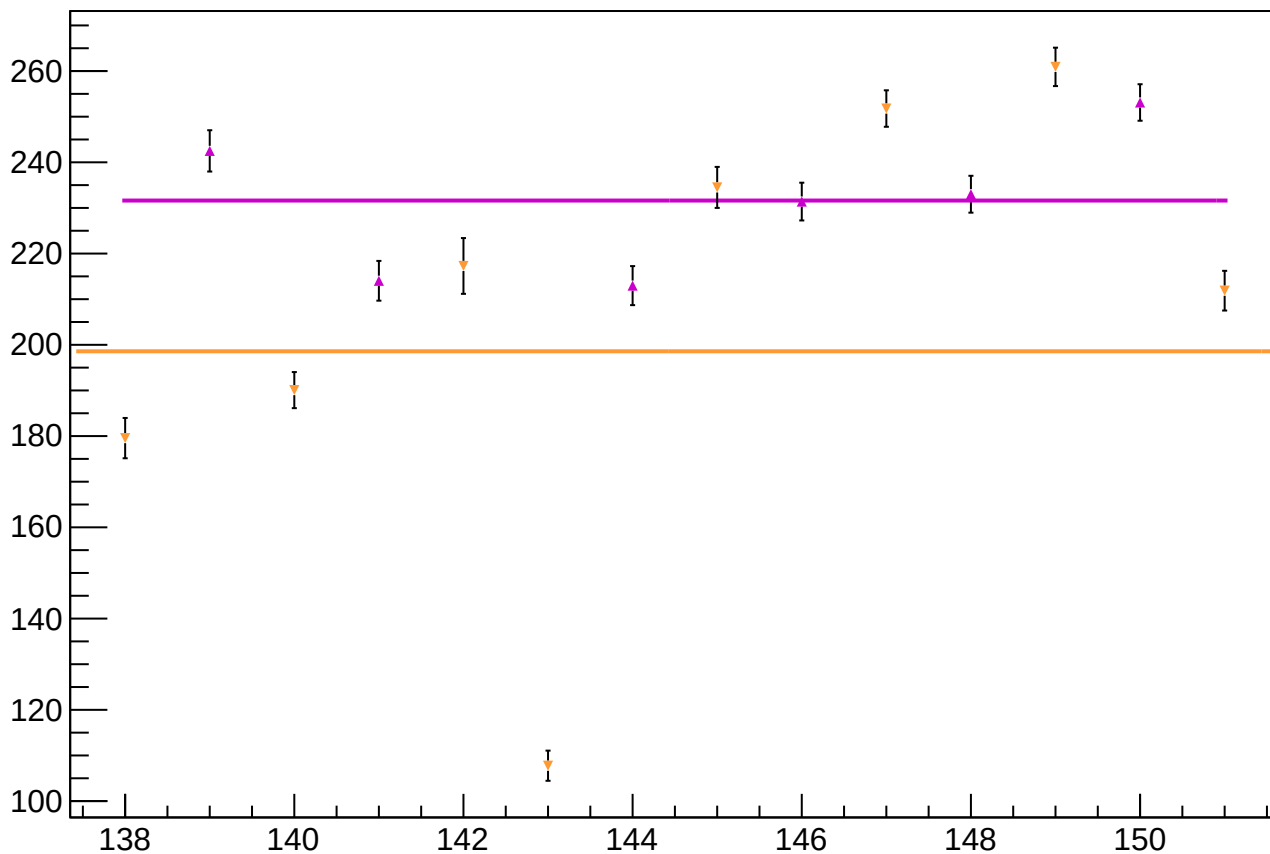
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 118.465+/-0.054 χ^2/NDF : 288160.5/22

Out: 102.528+/-0.050 χ^2/NDF : 934611.3/26

All: 109.863+/-0.037 χ^2/NDF : 1269134.3/49

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: 231.621+/-1.719 χ^2/NDF :70.1/5

Left: 212.673+/-1.123 χ^2/NDF : 1538.8/13

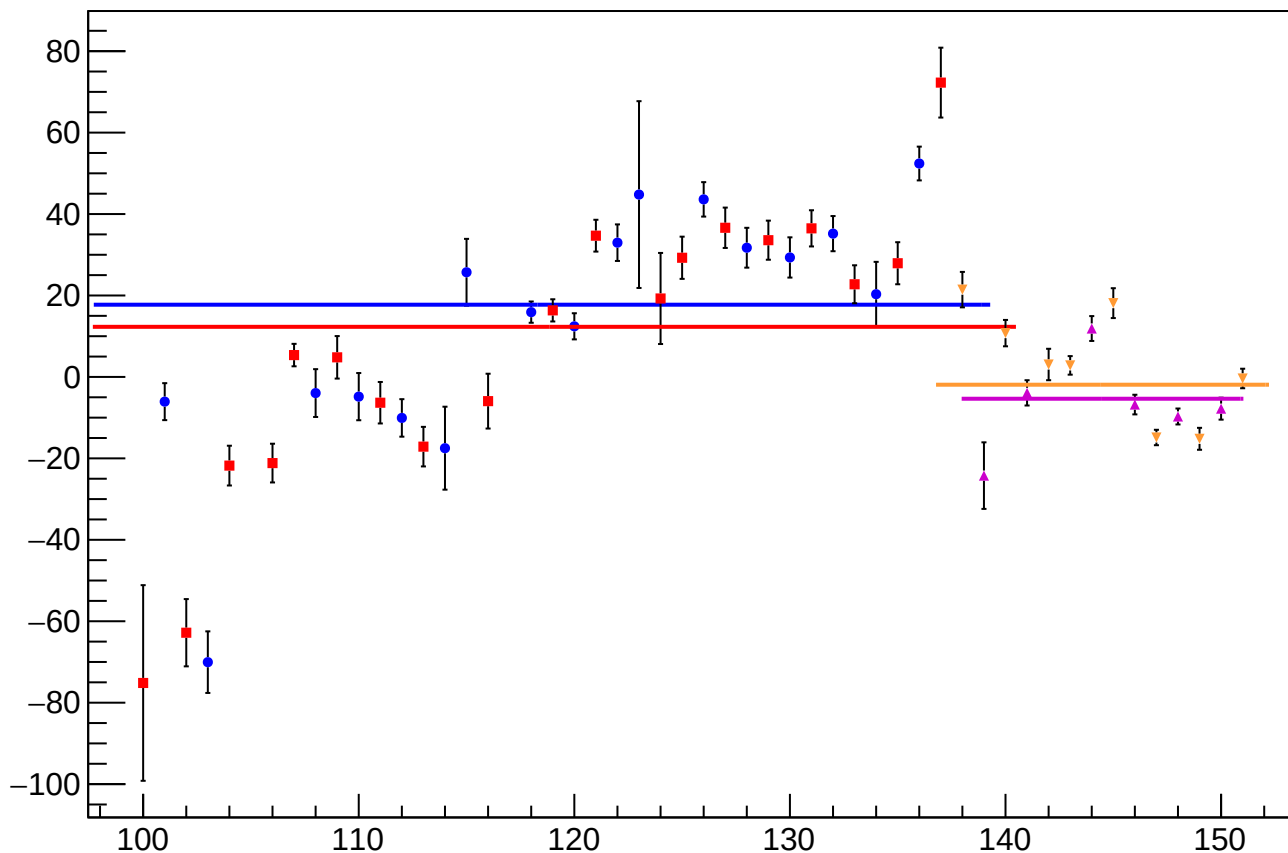
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.621+/-1.719 χ^2/NDF :70.1/5

Out: 198.580+/-1.483 χ^2/NDF :1256.9/7

All: 212.673+/-1.123 χ^2/NDF : 1538.8/13

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: -5.356 ± 1.121 $\chi^2/\text{NDF}: 43.6/5$

Left: -3.379 ± 0.731 $\chi^2/\text{NDF}: 200.5/13$

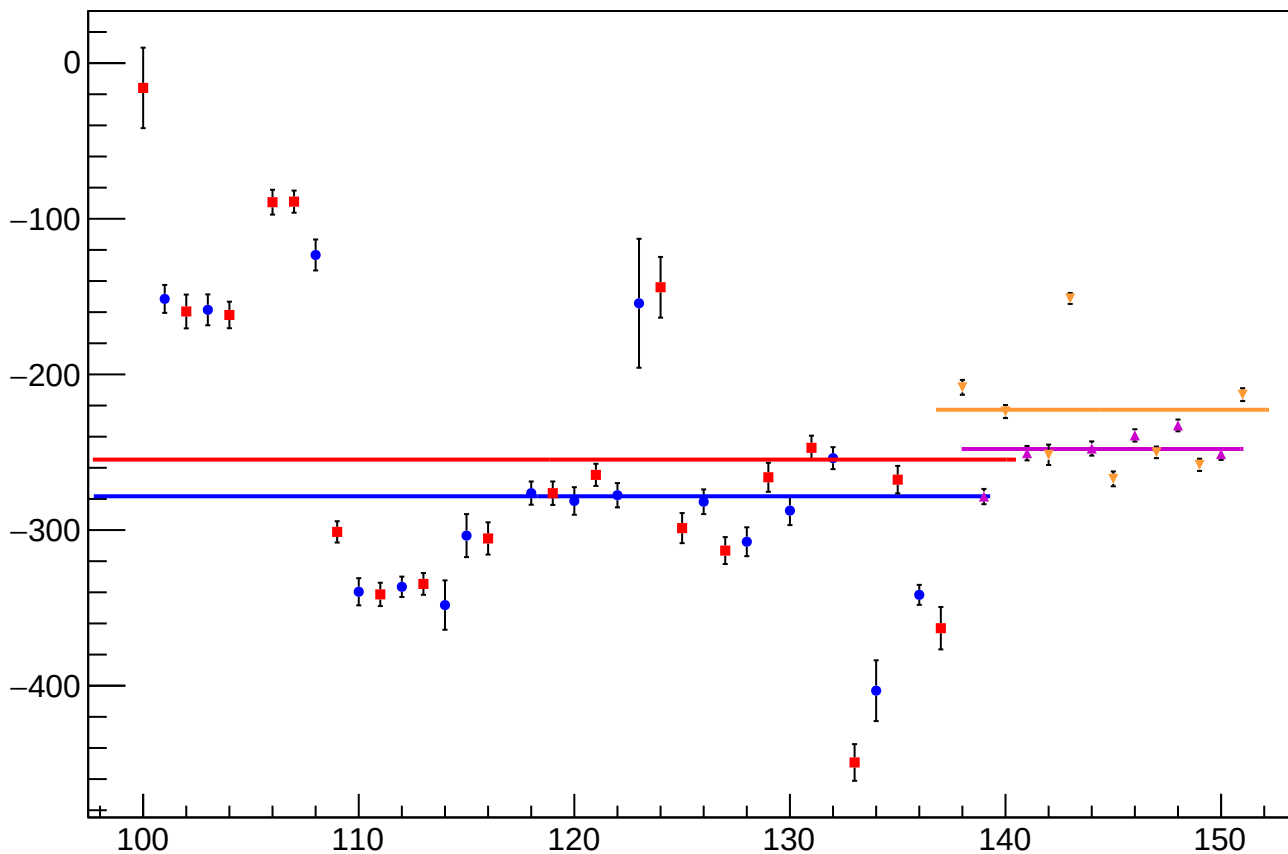
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.908 ± 0.802 $\chi^2/\text{NDF}: 644.7/22$

Out: 4.377 ± 0.721 $\chi^2/\text{NDF}: 689.9/26$

All: 5.061 ± 0.536 $\chi^2/\text{NDF}: 1336.5/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -222.707 ± 1.503 χ^2/NDF : 667.1/7

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -247.918 ± 1.712 χ^2/NDF : 60.9/5

Left: -233.681 ± 1.130 χ^2/NDF : 850.4/13

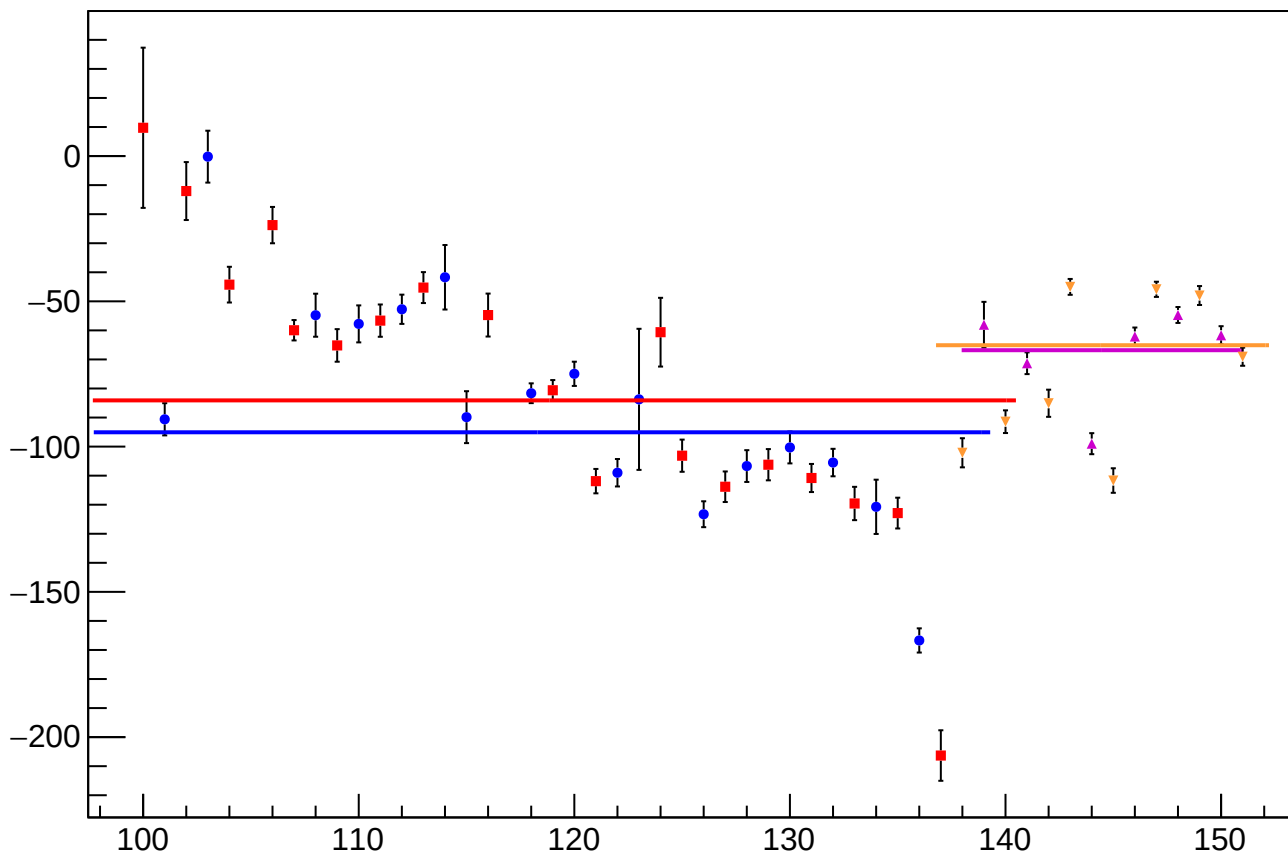
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -259.558 ± 1.345 χ^2/NDF : 1091.5/22

Out: -234.124 ± 1.206 χ^2/NDF : 2866.8/26

All: -245.459 ± 0.898 χ^2/NDF : 4156.6/49

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: -66.824 ± 1.408 $\chi^2/\text{NDF}: 106.3/5$

Left: -65.835 ± 0.917 $\chi^2/\text{NDF}: 484.6/13$

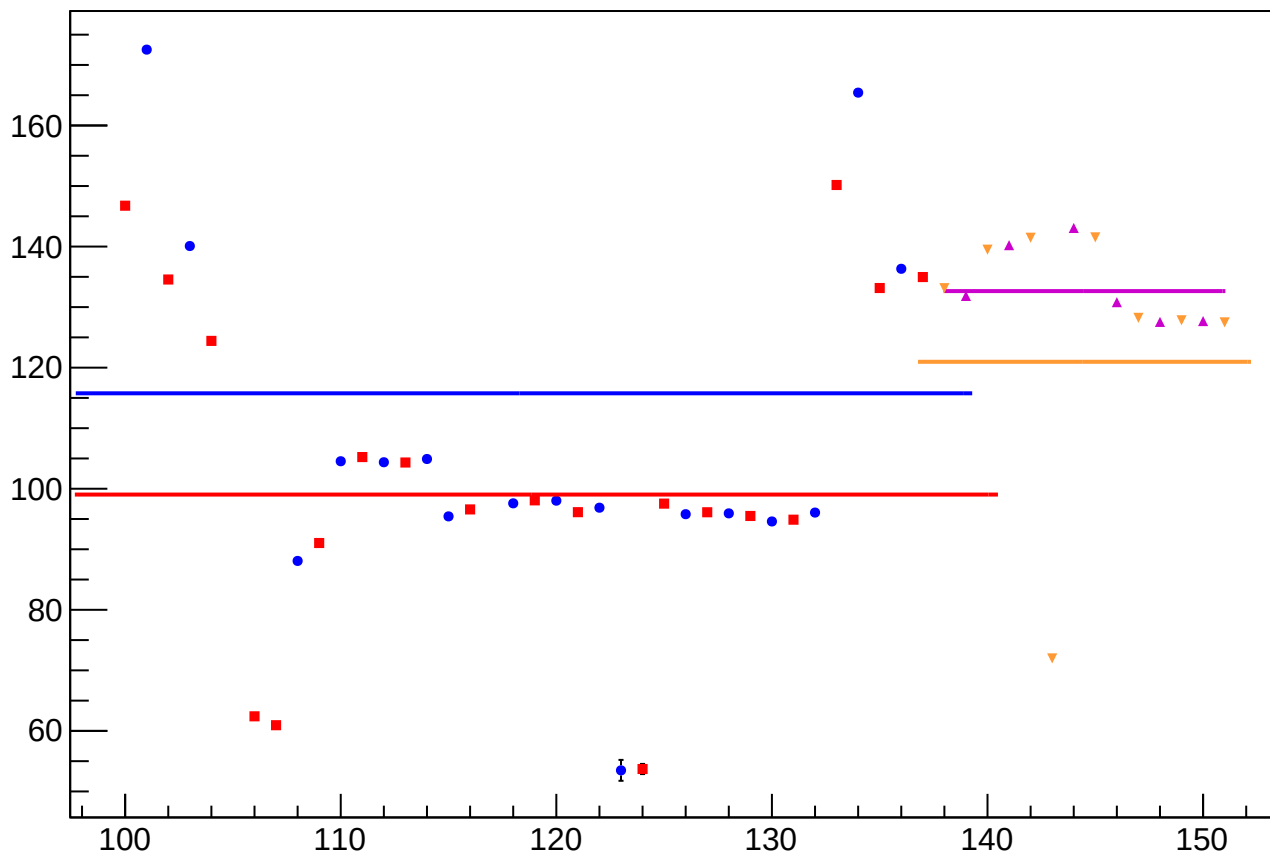
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -81.803 ± 0.965 $\chi^2/\text{NDF}: 993.0/22$

Out: -74.227 ± 0.871 $\chi^2/\text{NDF}: 1276.4/26$

All: -77.628 ± 0.647 $\chi^2/\text{NDF}: 2303.3/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 120.968+/-0.064 χ^2/NDF : 156246.8/7

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 132.646+/-0.072 χ^2/NDF : 6460.9/5

Left: 126.124+/-0.048 χ^2/NDF : 177602.5/13

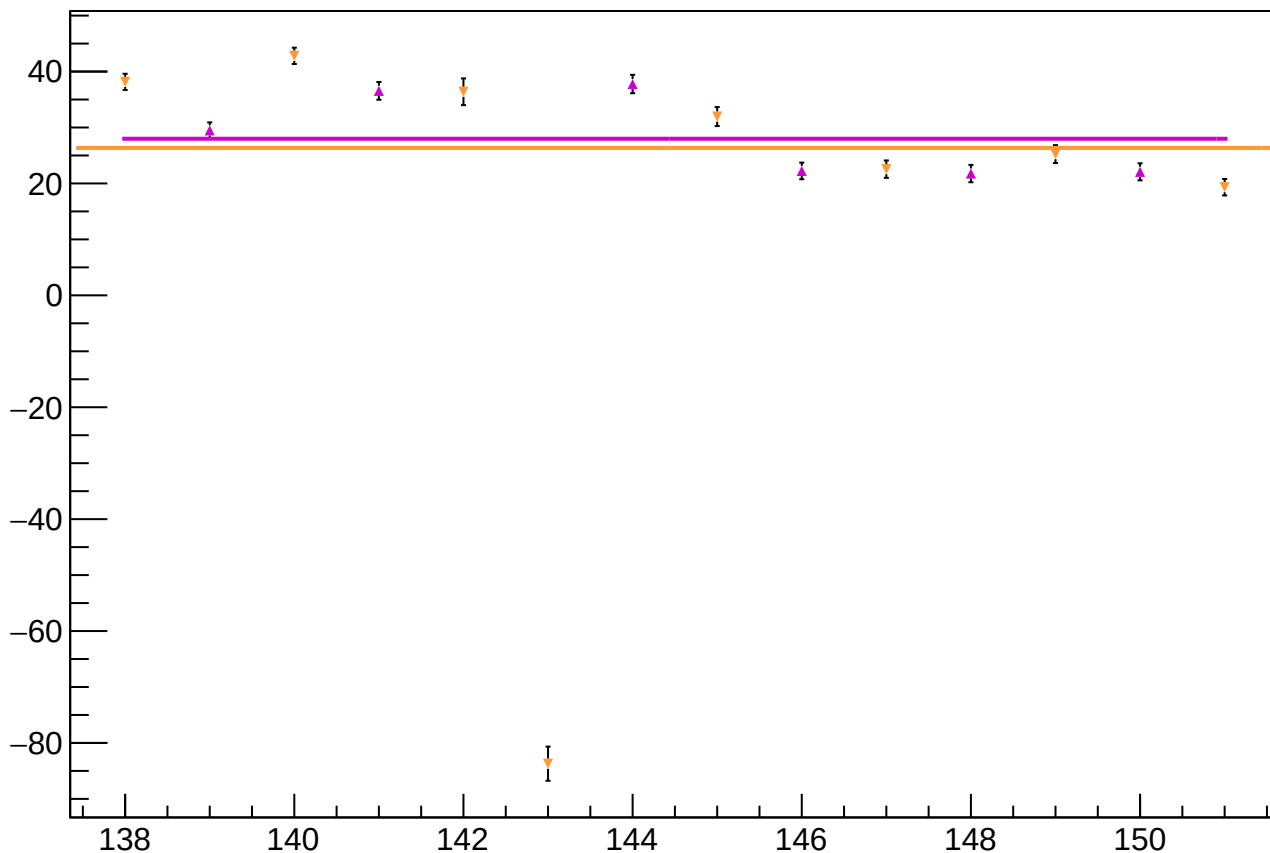
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 124.945+/-0.053 χ^2/NDF : 138183.2/22

Out: 110.814+/-0.047 χ^2/NDF : 384804.0/26

All: 117.009+/-0.035 χ^2/NDF : 563305.9/49

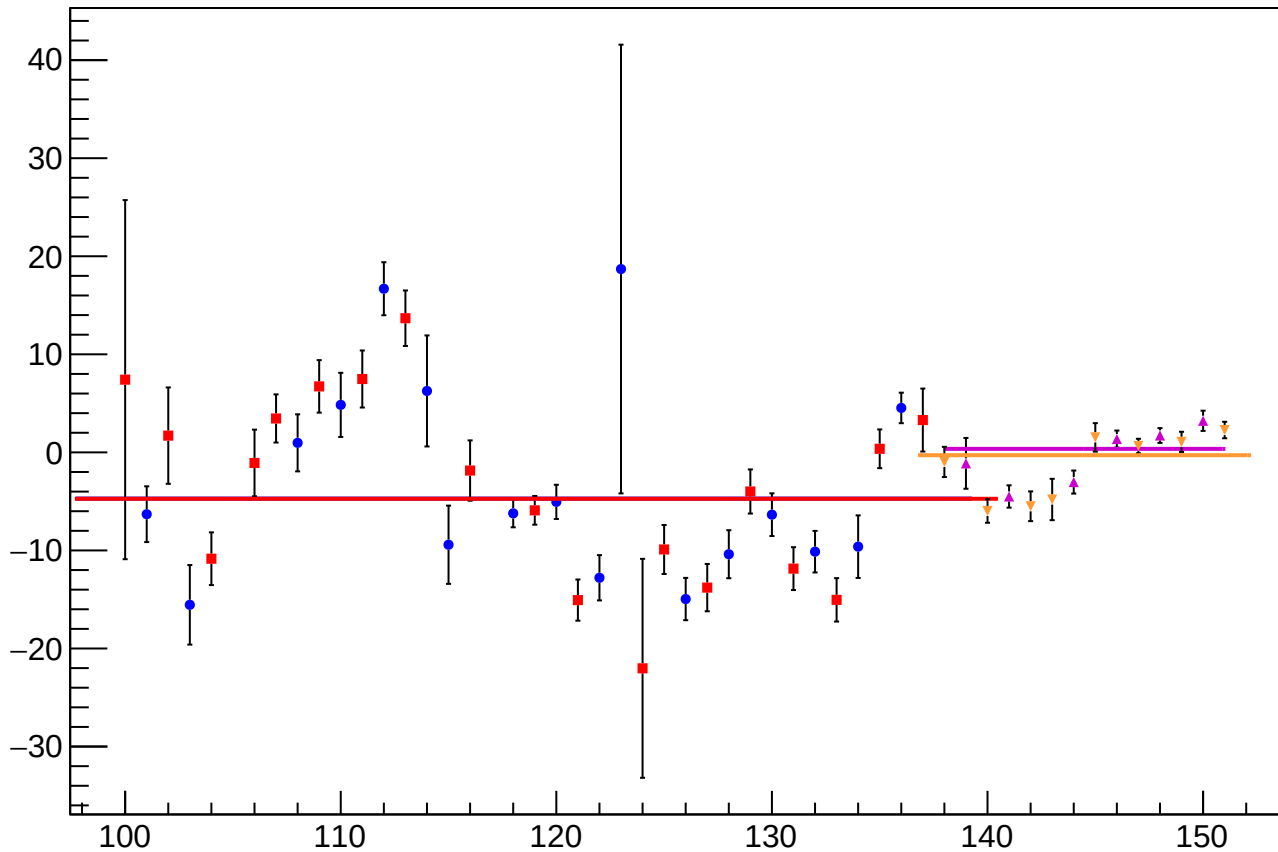
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 27.991+/-0.626 χ^2/NDF :111.8/5

Left: 27.126+/-0.430 χ^2/NDF : 1663.9/13
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 27.991+/-0.626 χ^2/NDF :111.8/5
 Out: 26.347+/-0.593 χ^2/NDF :1548.5/7
 All: 27.126+/-0.430 χ^2/NDF : 1663.9/13

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: 0.359 ± 0.420 χ^2/NDF : 39.2/5

Left: 0.015 ± 0.287 χ^2/NDF : 93.6/13

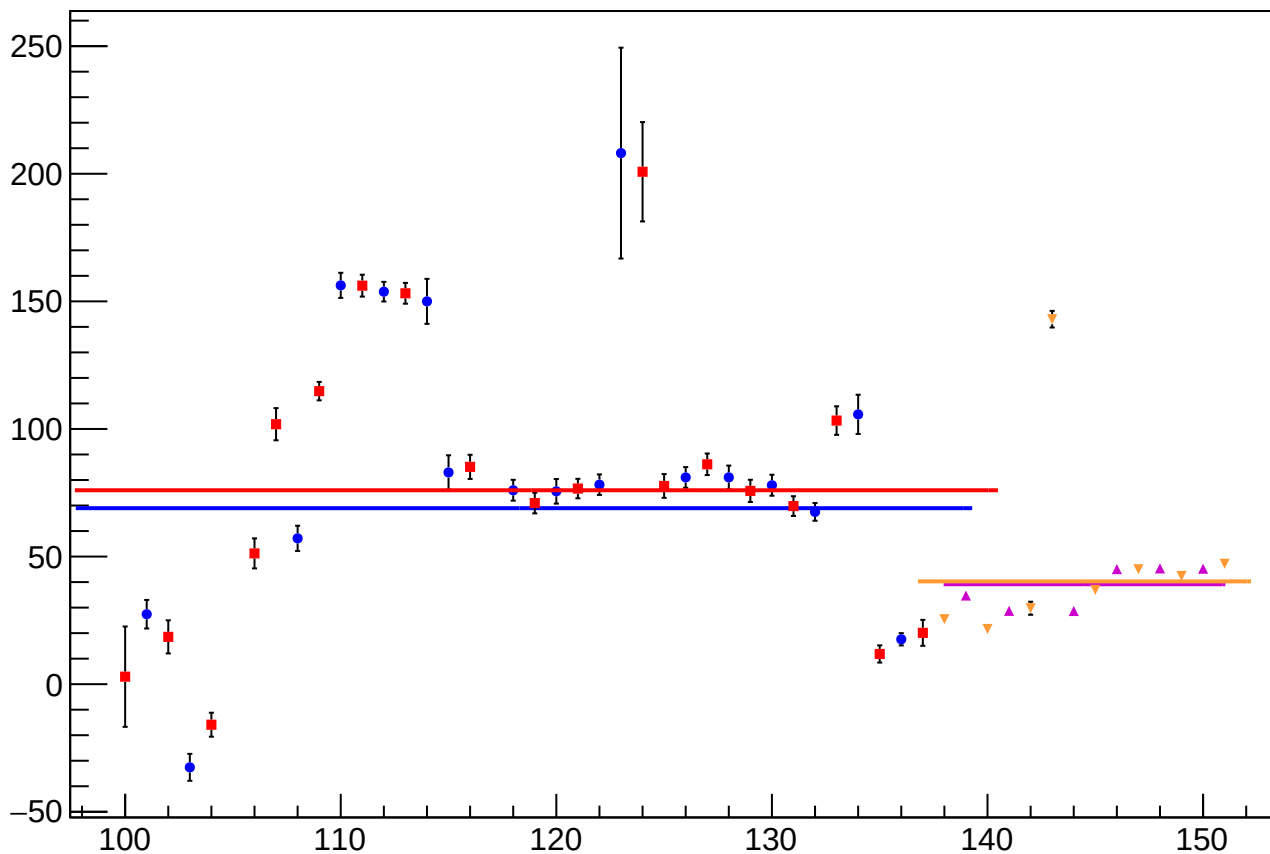
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.380 ± 0.340 χ^2/NDF : 264.0/22

Out: -1.675 ± 0.327 χ^2/NDF : 282.6/26

All: -1.533 ± 0.236 χ^2/NDF : 547.0/49

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: 39.153 ± 0.626 $\chi^2/\text{NDF}: 135.8/5$

Left: 39.741 ± 0.432 $\chi^2/\text{NDF}: 1421.0/13$

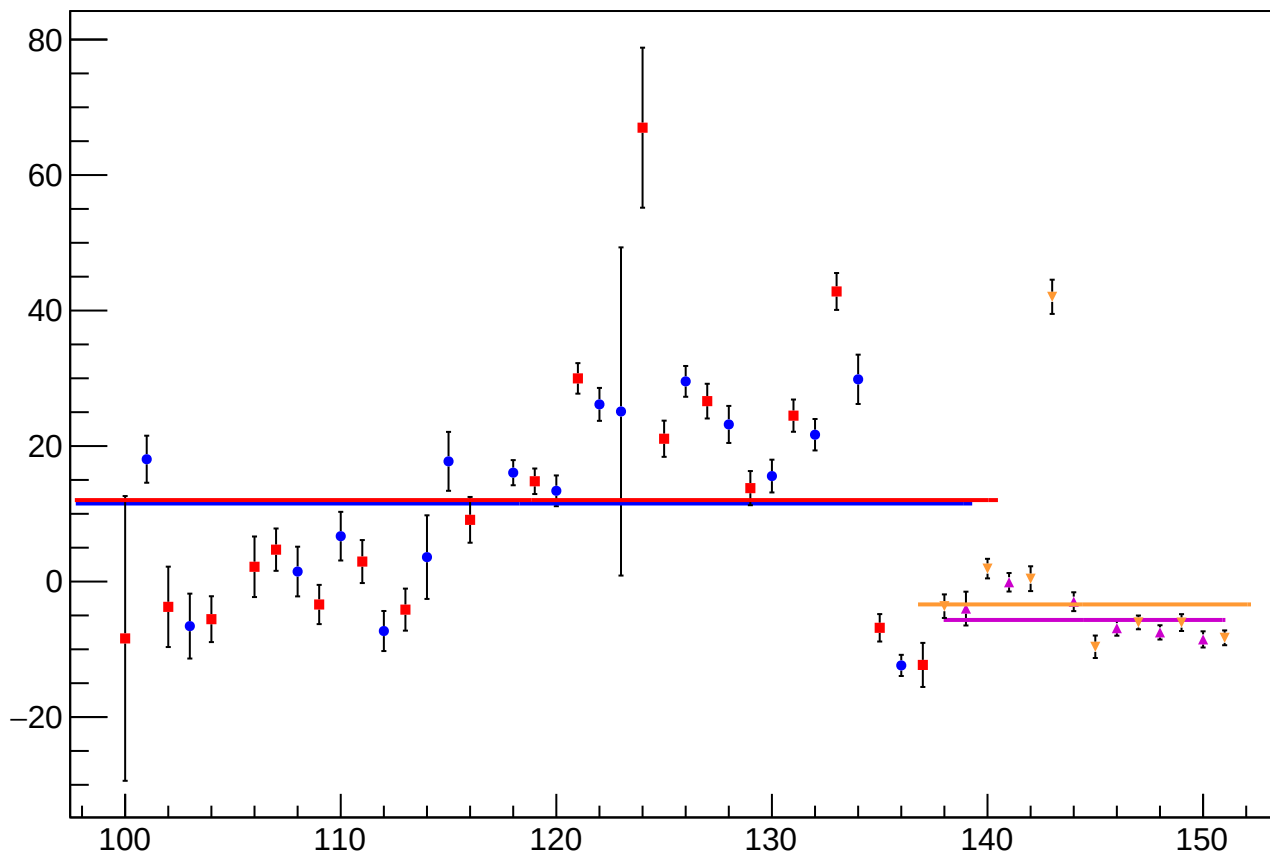
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 46.657 ± 0.541 $\chi^2/\text{NDF}: 2550.9/22$

Out: 48.754 ± 0.521 $\chi^2/\text{NDF}: 4028.4/26$

All: 47.746 ± 0.375 $\chi^2/\text{NDF}: 6587.1/49$

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: -5.666 ± 0.525 $\chi^2/\text{NDF}: 30.8/5$

Left: -4.452 ± 0.360 $\chi^2/\text{NDF}: 427.9/13$

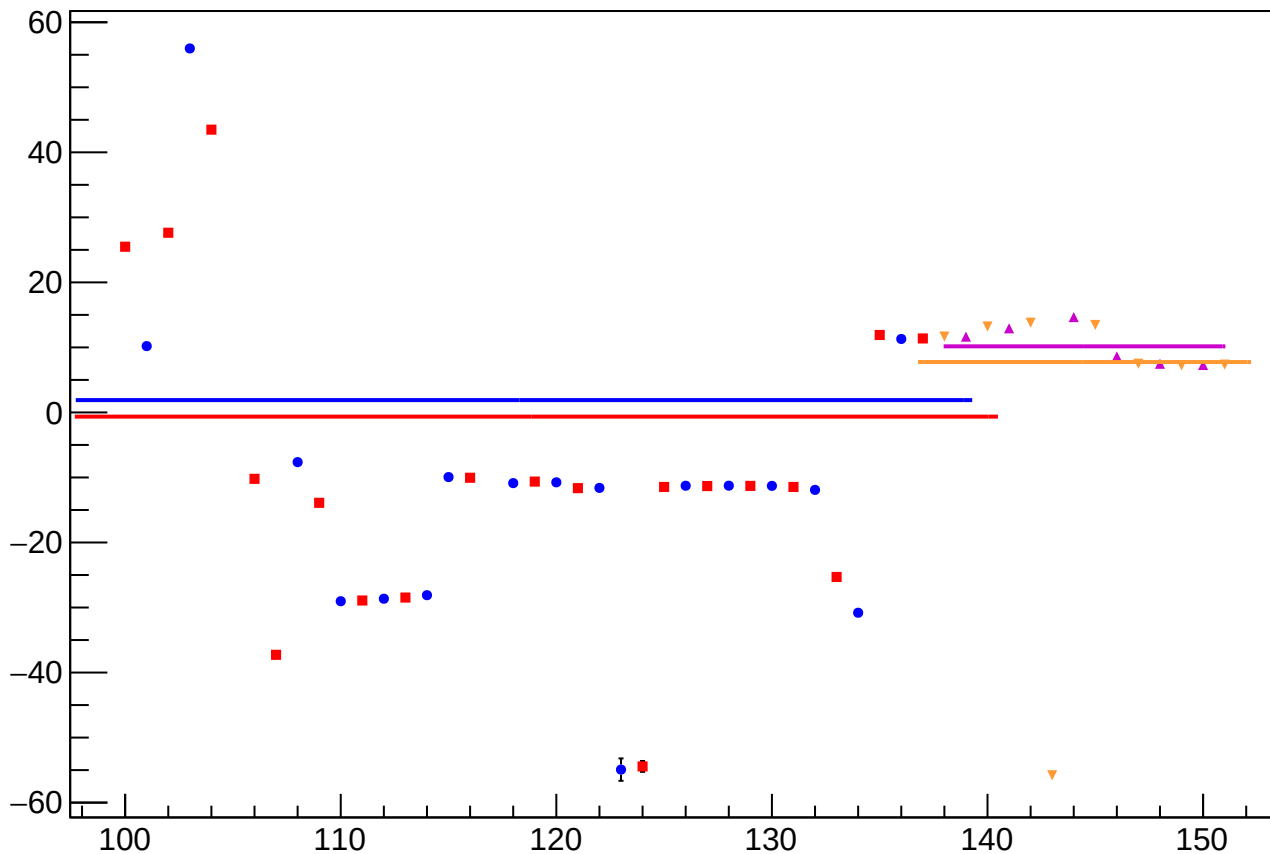
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 1.000 ± 0.411 $\chi^2/\text{NDF}: 923.4/22$

Out: 2.125 ± 0.397 $\chi^2/\text{NDF}: 1272.2/26$

All: 1.582 ± 0.285 $\chi^2/\text{NDF}: 2199.5/49$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.751 ± 0.025 χ^2/NDF : 256171.4/7

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 10.164 ± 0.026 χ^2/NDF : 10567.0/5

Left: 8.928 ± 0.018 χ^2/NDF : 271191.7/13

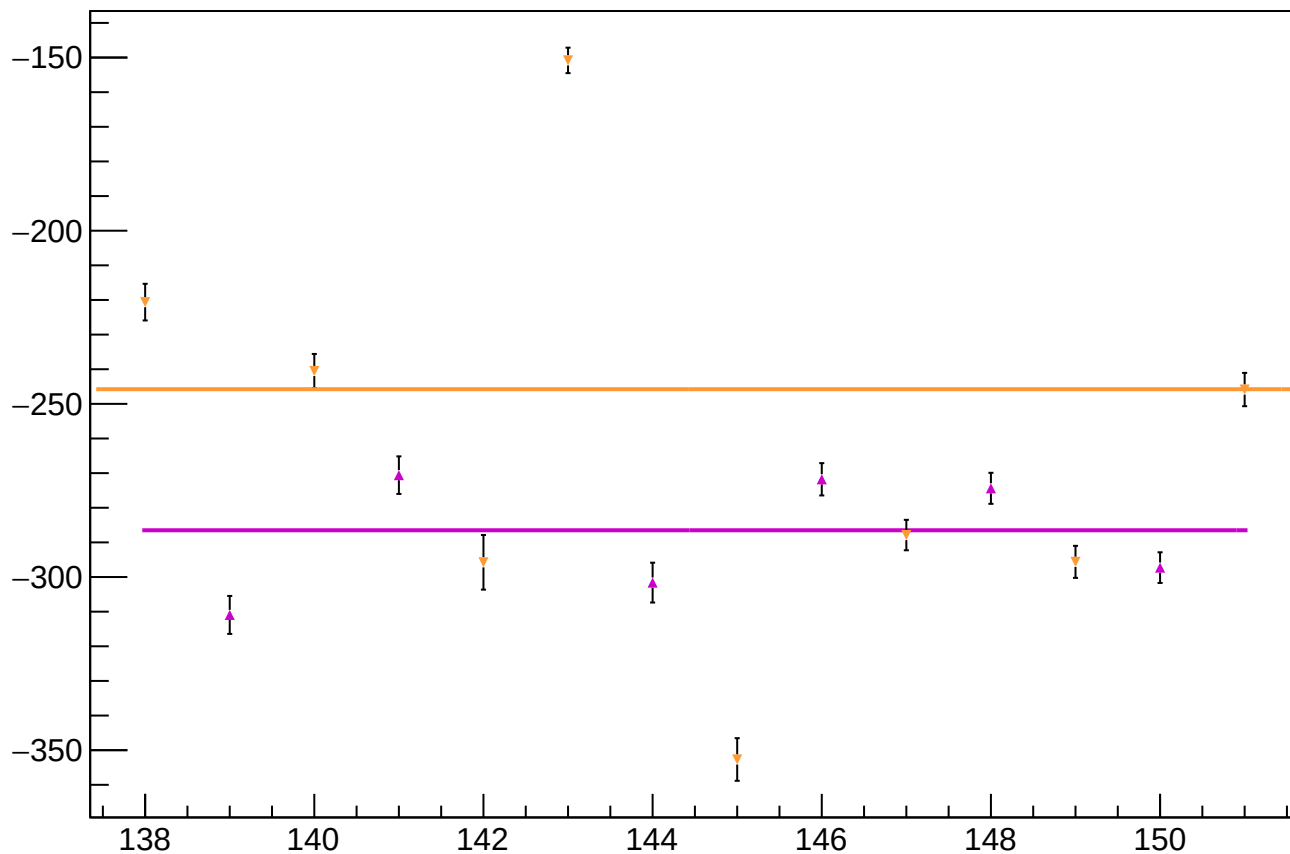
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.452 ± 0.021 χ^2/NDF : 402902.7/22

Out: 5.088 ± 0.021 χ^2/NDF : 652854.3/26

All: 6.251 ± 0.015 χ^2/NDF : 1062067.7/49

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: -286.497+/-2.023 χ^2/NDF :58.6/5

Left: -262.938+/-1.314 χ^2/NDF : 1533.6/13

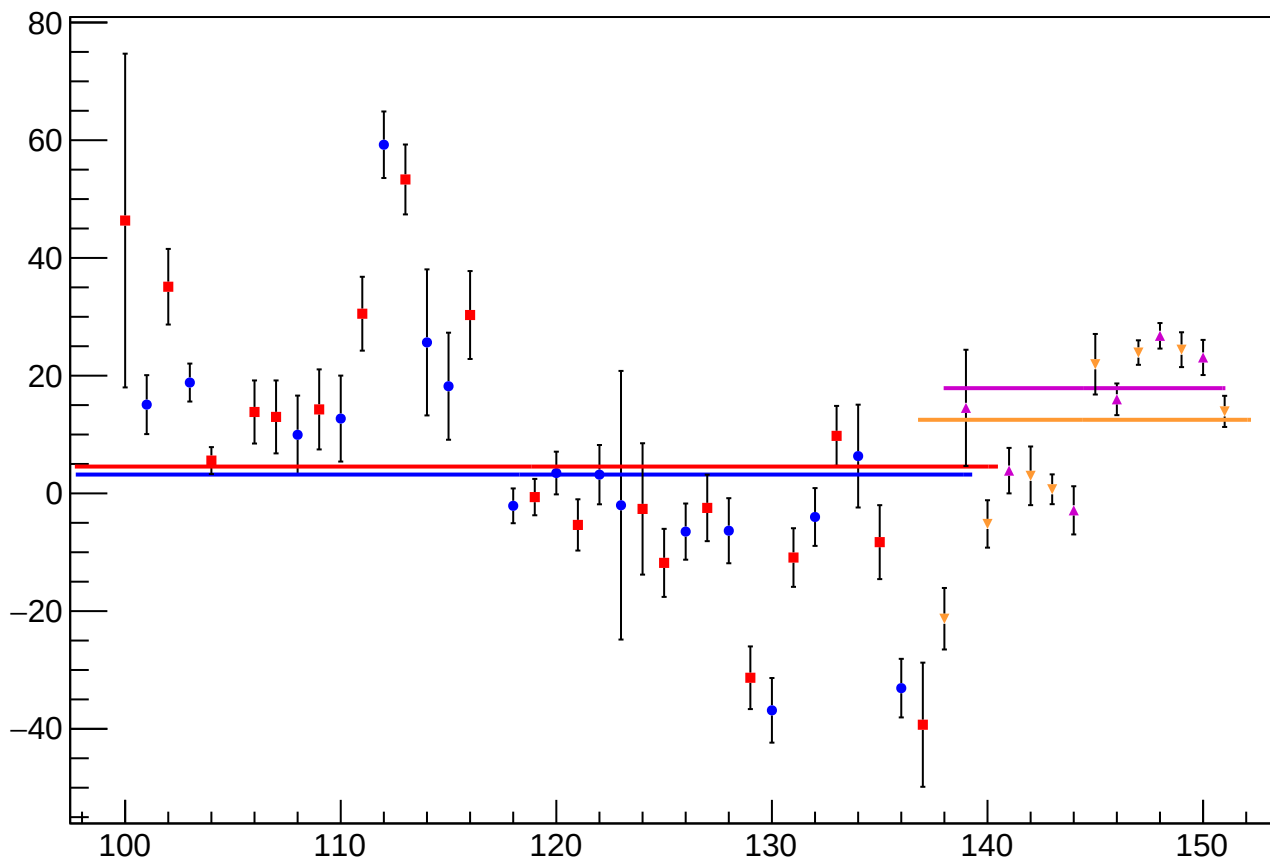
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -286.497+/-2.023 χ^2/NDF :58.6/5

Out: -245.768+/-1.727 χ^2/NDF :1240.6/7

All: -262.938+/-1.314 χ^2/NDF : 1533.6/13

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2/NDF : 255.2/16

Left Out: 12.504 $\pm$ 1.104 χ^2/NDF :136.5/7

Right Out: 4.558 $\pm$ 1.158 χ^2/NDF : 223.9/18

Left In: 17.877 $\pm$ 1.292 χ^2/NDF :59.3/5

Left: 14.773 $\pm$ 0.839 χ^2/NDF : 205.8/13

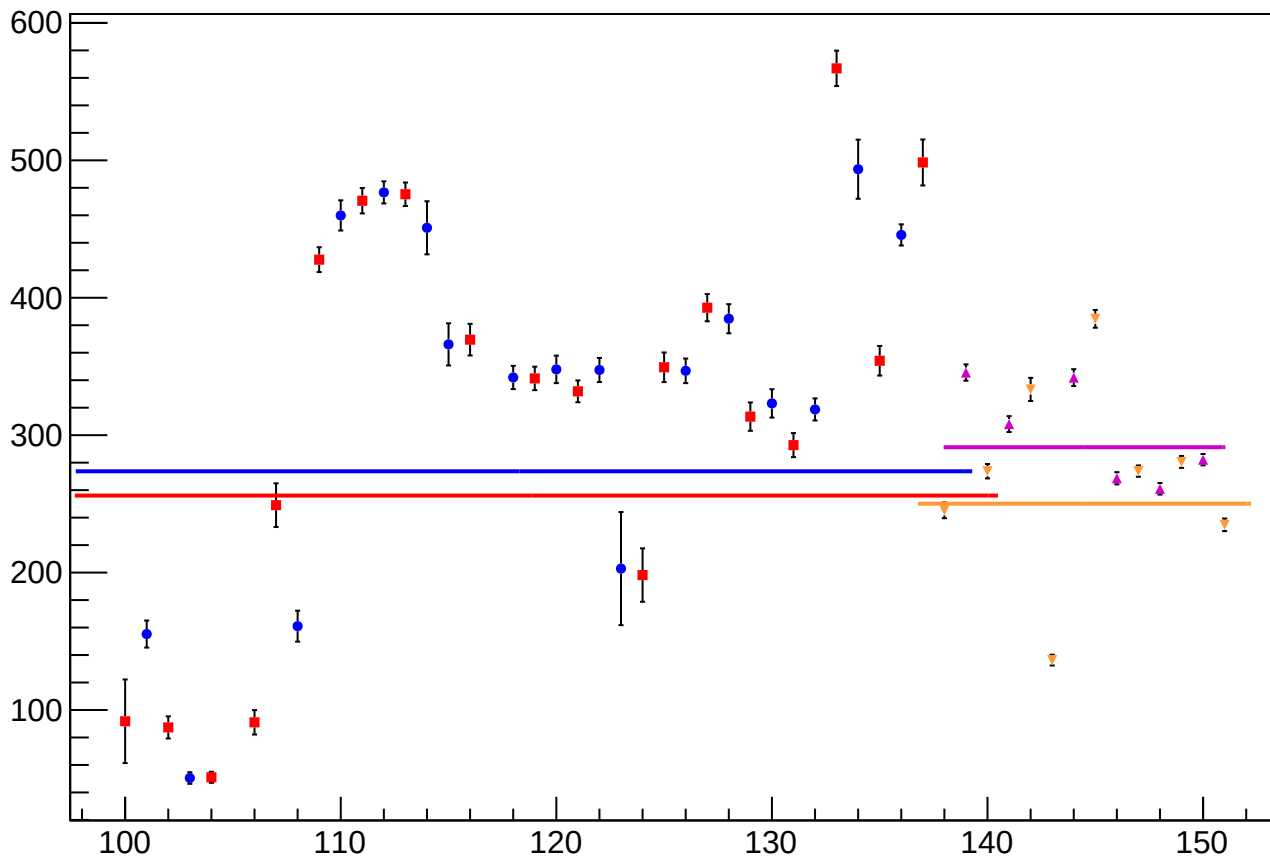
Right: 3.919 $\pm$ 0.842 χ^2/NDF : 479.7/35

In: 10.164 $\pm$ 0.890 χ^2/NDF :382.3/22

Out: 8.719 $\pm$ 0.799 χ^2/NDF :385.1/26

All: 9.364 $\pm$ 0.594 χ^2/NDF : 768.9/49

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: 291.226 $\pm$ 1.998 χ^2 /NDF:242.7/5

Left: 267.858 $\pm$ 1.312 χ^2 /NDF: 1972.1/13

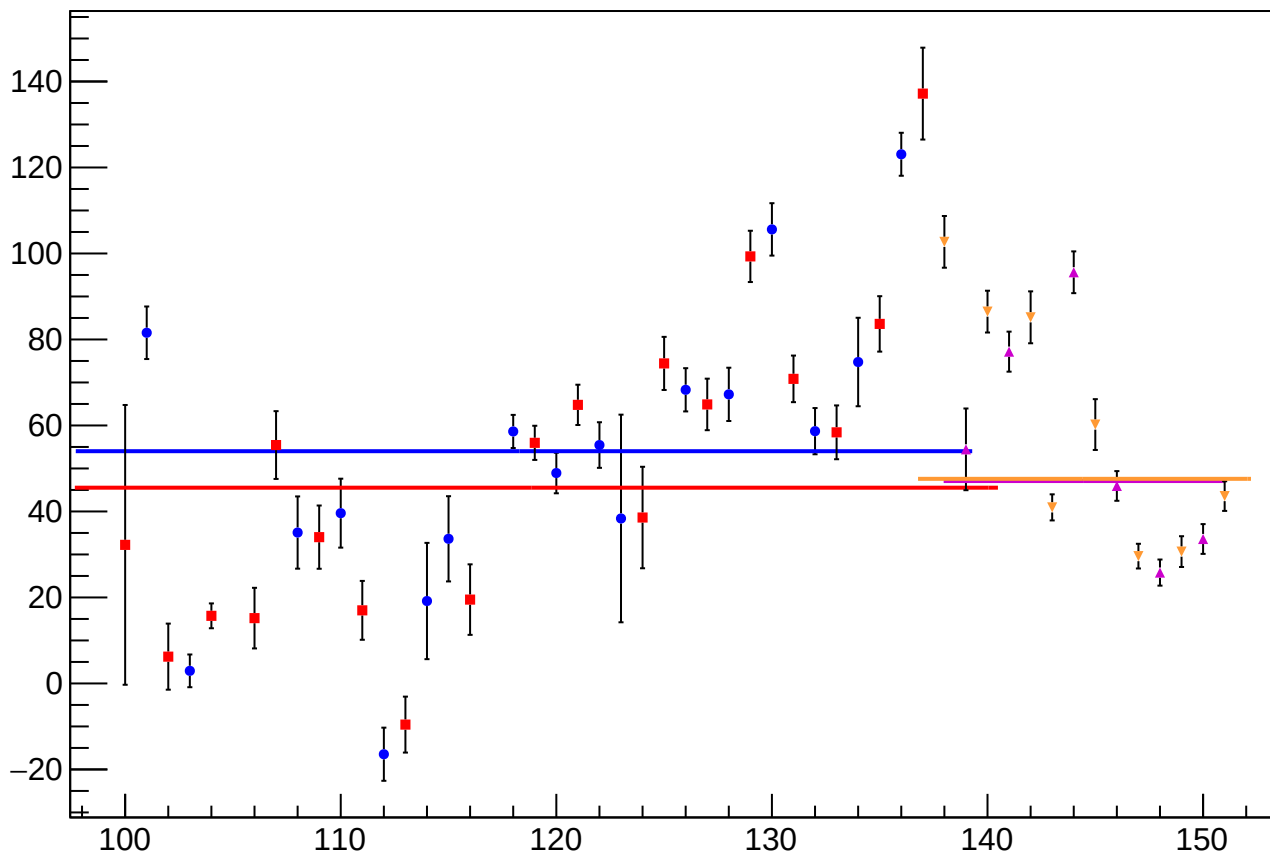
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 283.288 $\pm$ 1.478 χ^2 /NDF:5380.8/22

Out: 252.582 $\pm$ 1.334 χ^2 /NDF:7934.9/26

All: 266.373 $\pm$ 0.990 χ^2 /NDF: 13553.5/49

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: 47.074 $\pm$ 1.632 χ^2 /NDF:206.7/5

Left: 47.372 $\pm$ 1.058 χ^2 /NDF: 465.7/13

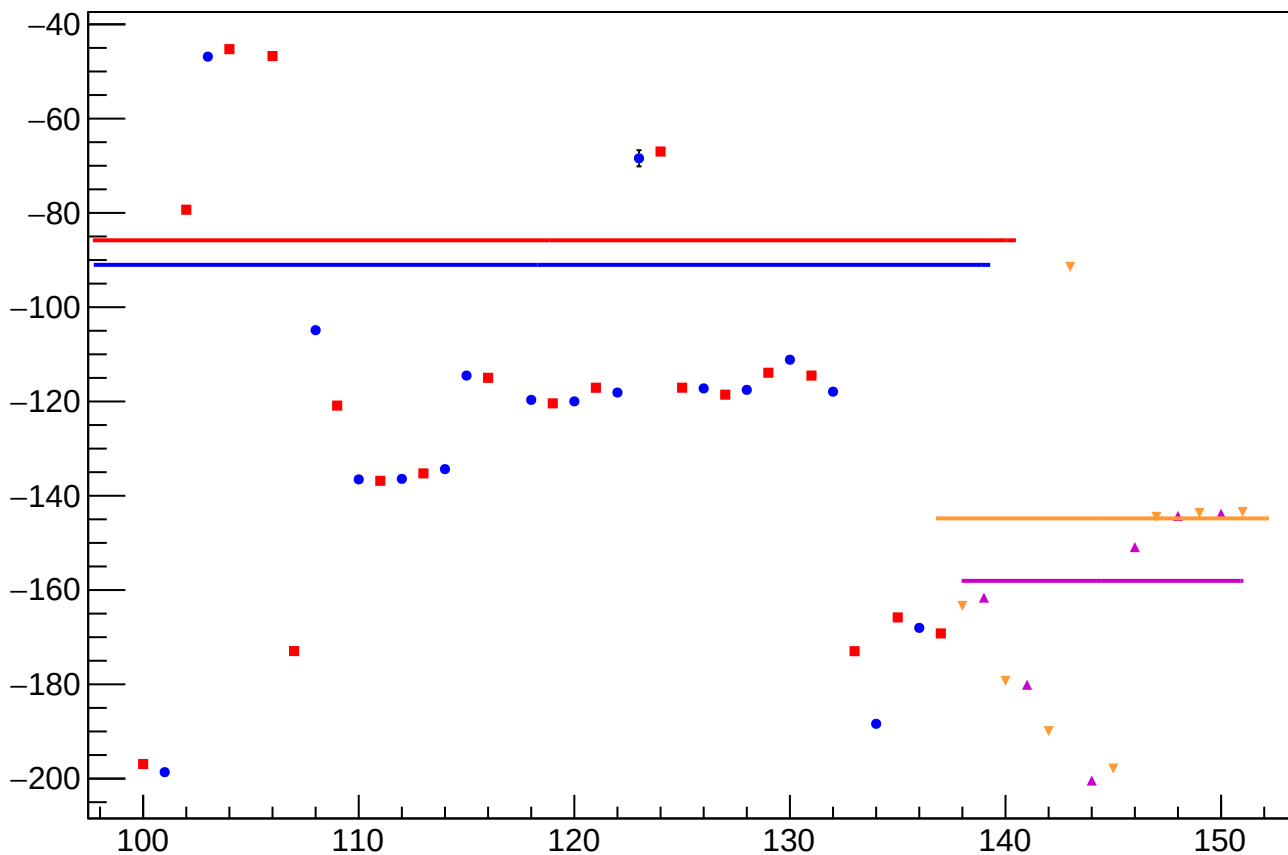
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 51.017 $\pm$ 1.073 χ^2 /NDF:849.8/22

Out: 46.535 $\pm$ 0.971 χ^2 /NDF:786.8/26

All: 48.553 $\pm$ 0.720 χ^2 /NDF: 1646.3/49

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: -158.047+/-0.084 χ^2/NDF : 47682.3/5

Left: -150.610+/-0.055 χ^2/NDF : 266292.2/13

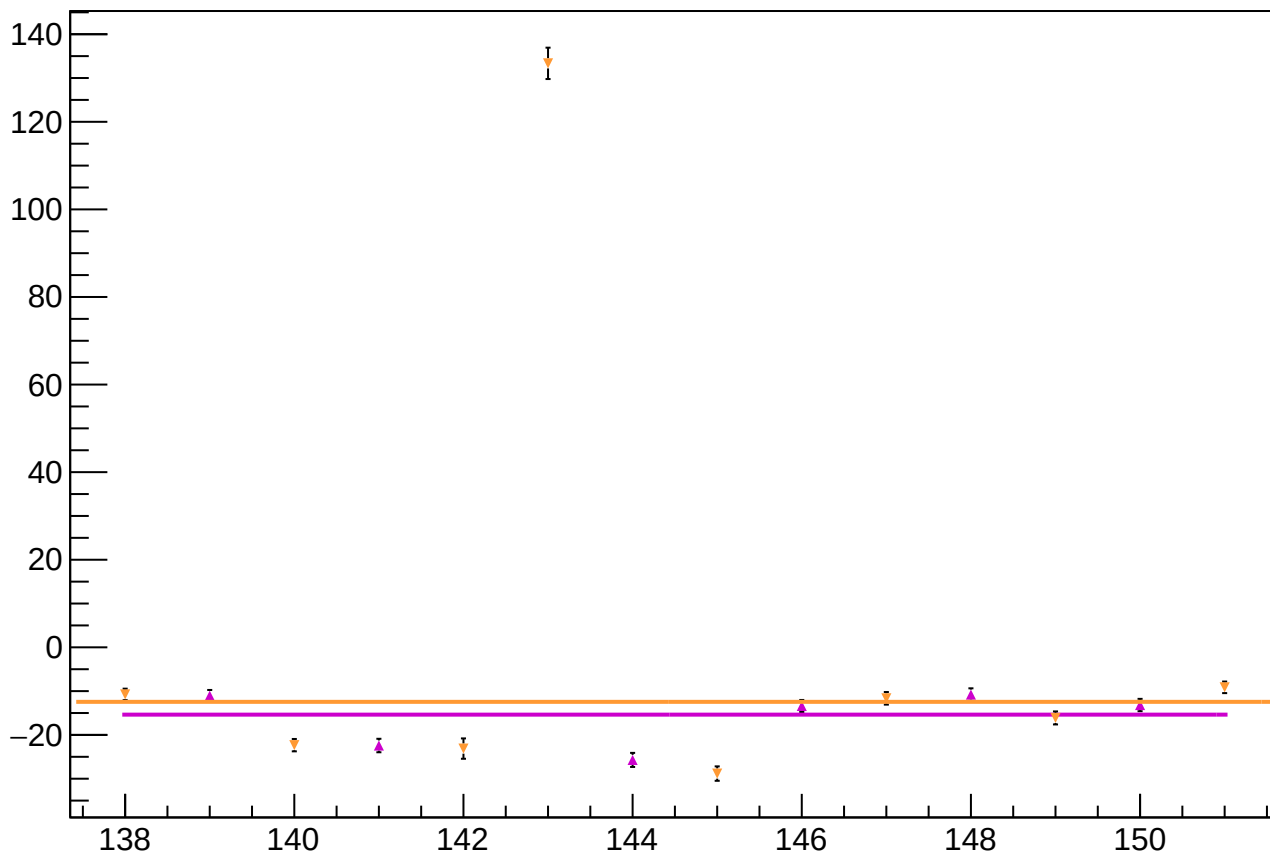
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -117.483+/-0.053 χ^2/NDF : 970268.7/22

Out: -111.538+/-0.049 χ^2/NDF : 1059404.7/26

All: -114.291+/-0.036 χ^2/NDF : 2036539.6/49

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: -15.371+/-0.584 χ^2/NDF :88.3/5

Left: -13.840+/-0.403 χ^2/NDF : 1942.2/13

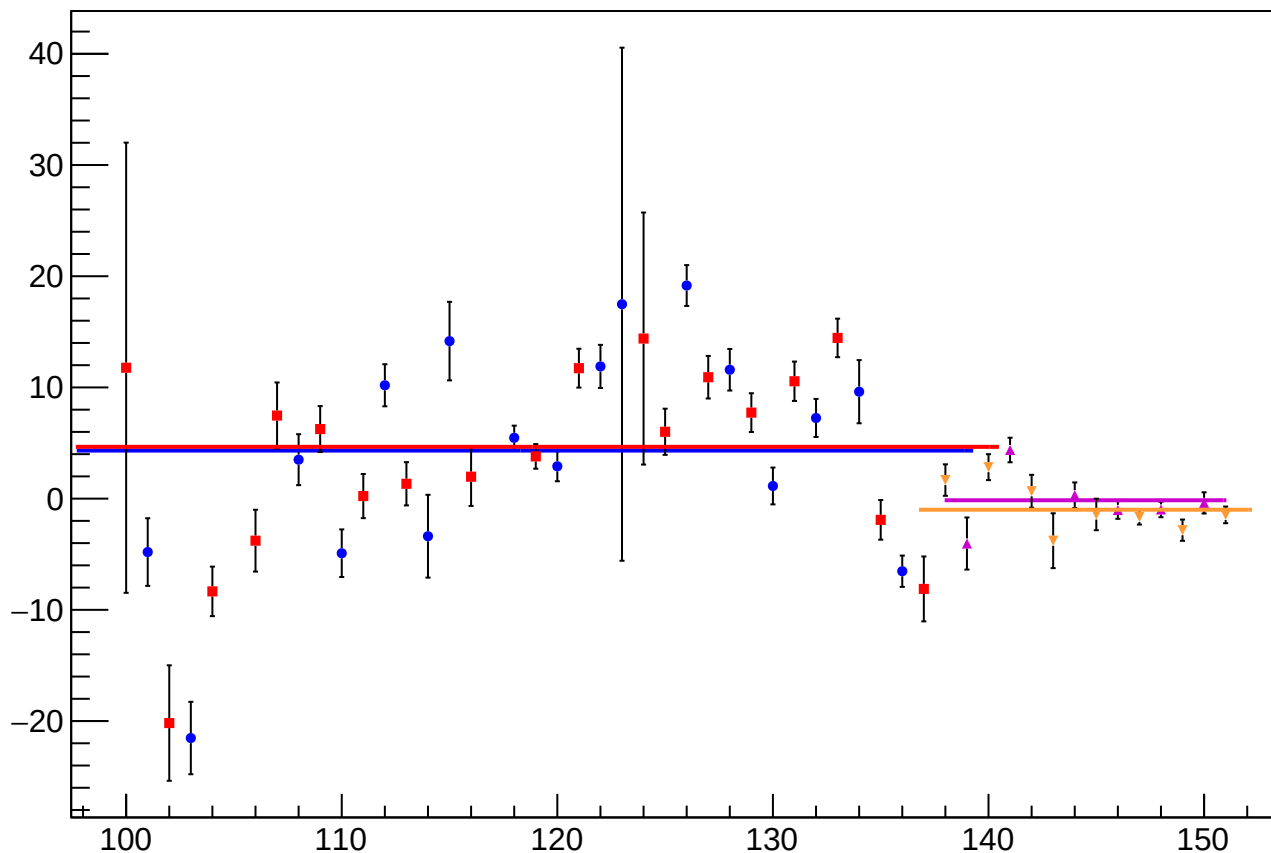
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.371+/-0.584 χ^2/NDF :88.3/5

Out: -12.449+/-0.557 χ^2/NDF :1840.8/7

All: -13.840+/-0.403 χ^2/NDF : 1942.2/13

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: -0.145 ± 0.393 χ^2/NDF : 22.3/5

Left: -0.599 ± 0.269 χ^2/NDF : 46.8/13

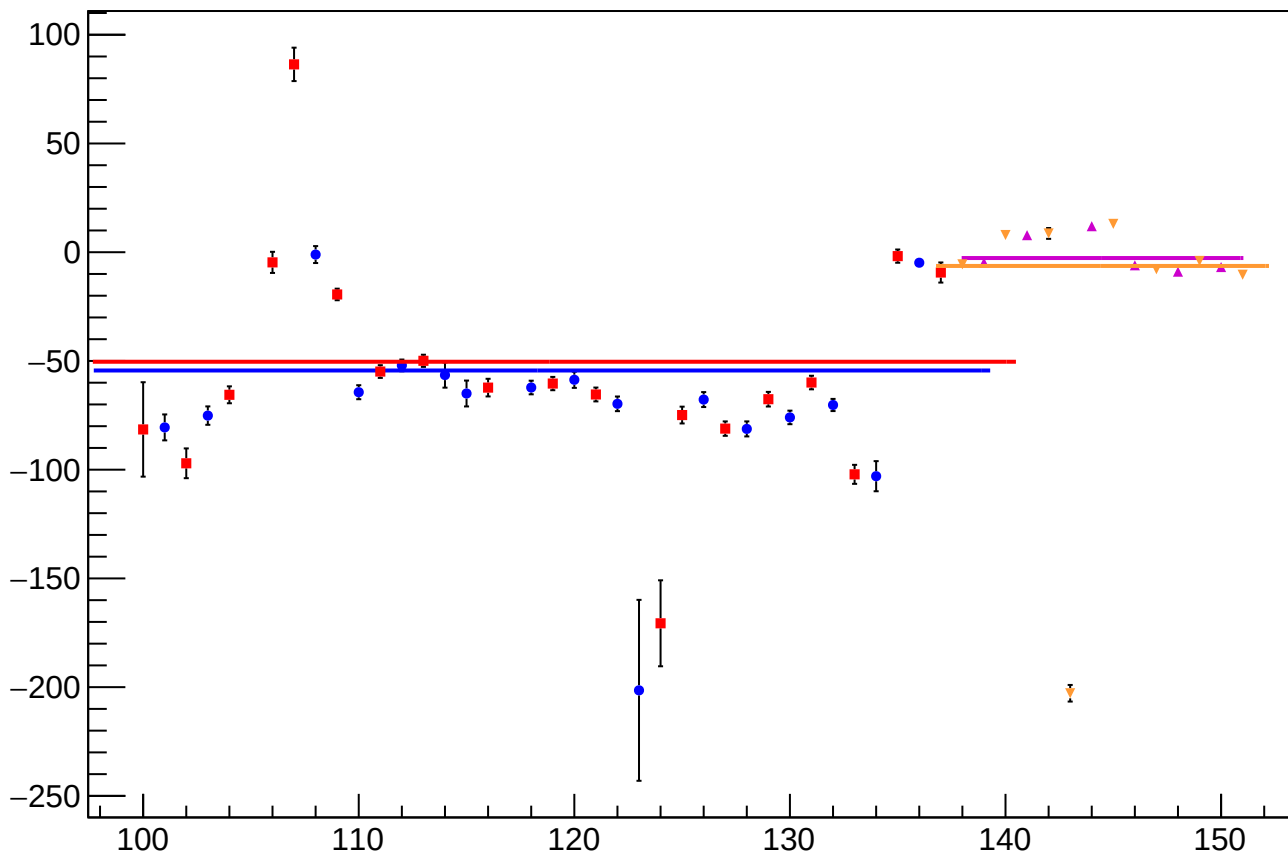
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.712 ± 0.300 χ^2/NDF : 356.5/22

Out: 1.130 ± 0.291 χ^2/NDF : 295.3/26

All: 1.412 ± 0.209 χ^2/NDF : 653.7/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -6.314 ± 0.559 $\chi^2/\text{NDF}: 2913.8/7$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -2.674 ± 0.584 $\chi^2/\text{NDF}: 154.2/5$

Left: -4.574 ± 0.404 $\chi^2/\text{NDF}: 3088.3/13$

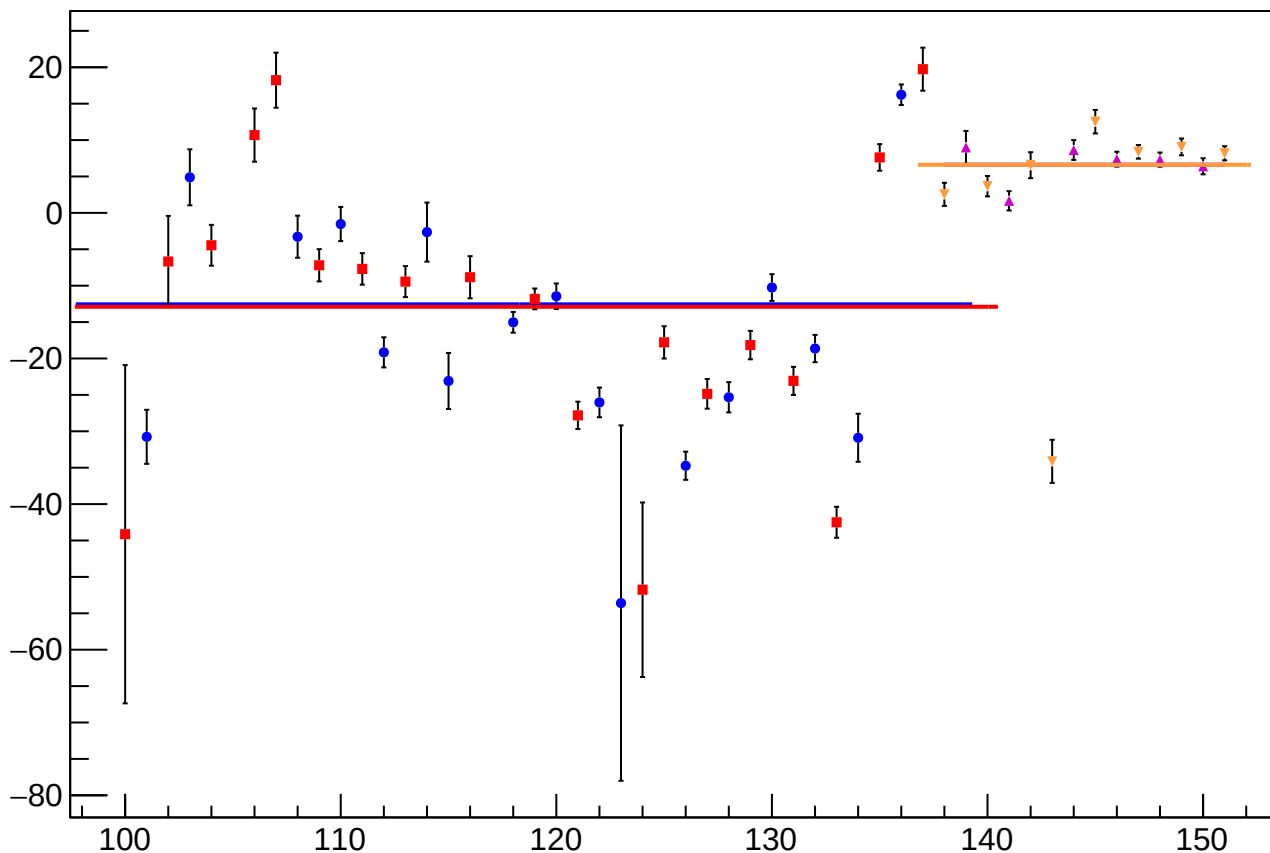
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -18.871 ± 0.484 $\chi^2/\text{NDF}: 3625.7/22$

Out: -19.438 ± 0.468 $\chi^2/\text{NDF}: 6087.4/26$

All: -19.164 ± 0.336 $\chi^2/\text{NDF}: 9713.8/49$

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: 6.620 ± 0.492 χ^2/NDF : 18.5/5

Left: 6.613 ± 0.337 χ^2/NDF : 243.4/13

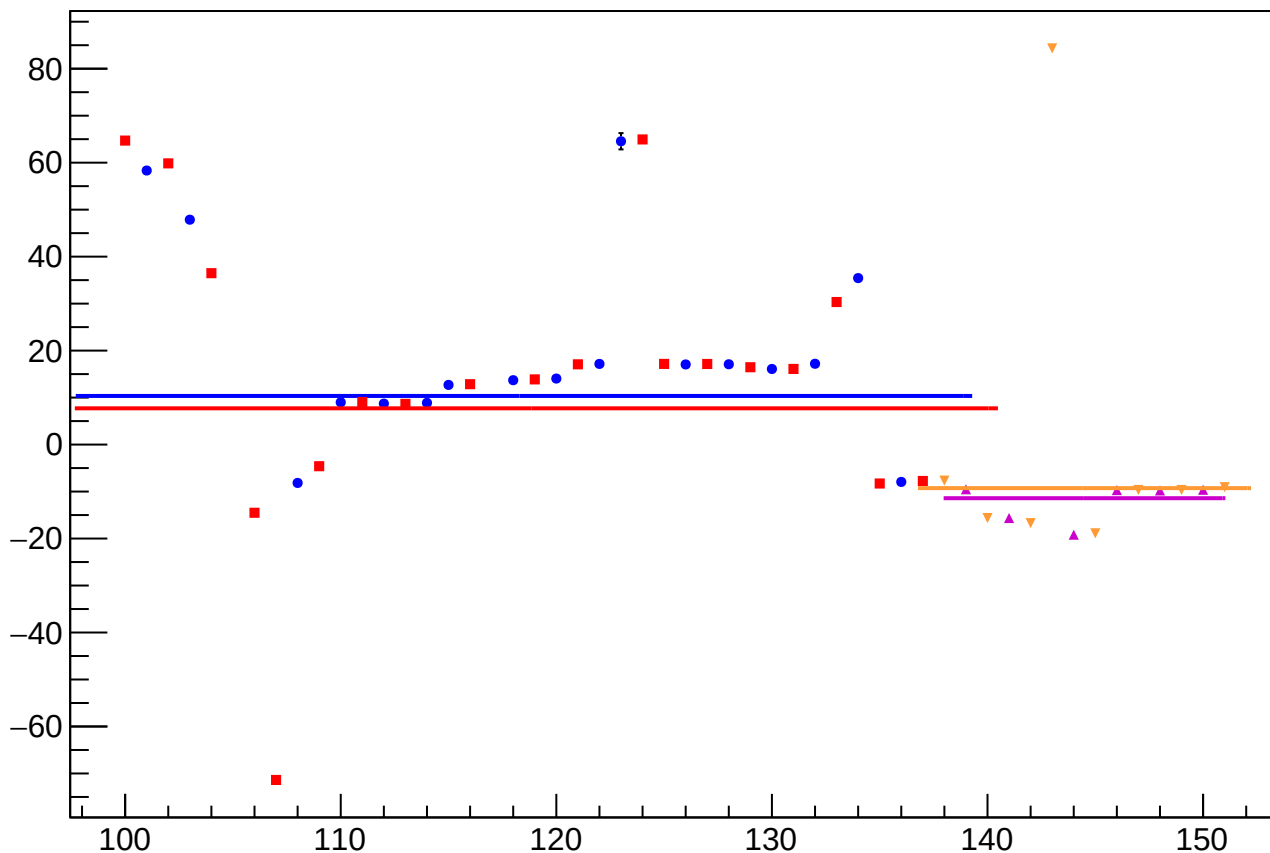
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -2.228 ± 0.361 χ^2/NDF : 1499.7/22

Out: -1.700 ± 0.351 χ^2/NDF : 1707.6/26

All: -1.957 ± 0.252 χ^2/NDF : 3208.4/49

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: -11.413 ± 0.024 χ^2/NDF : 18950.0/5

Left: -10.323 ± 0.017 χ^2/NDF : 430031.2/13

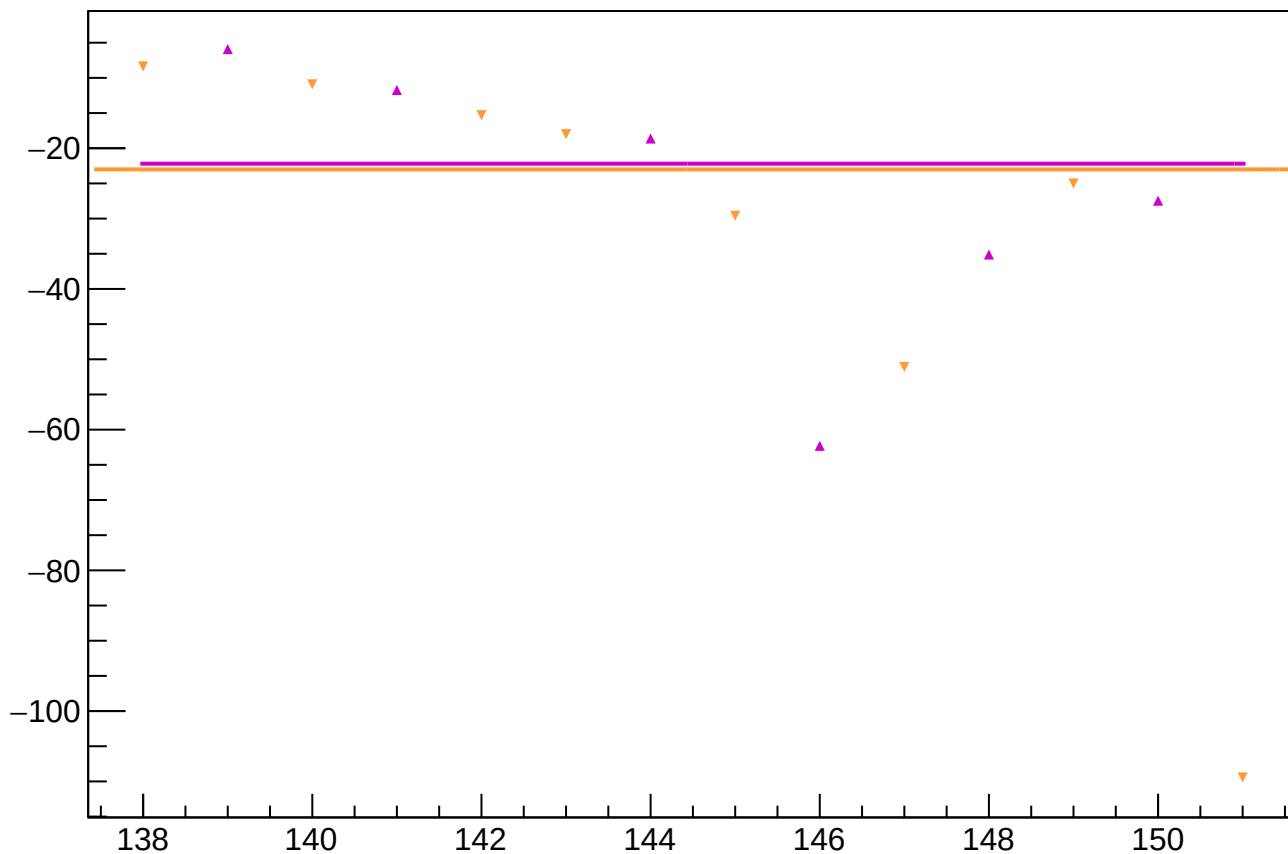
Right: 9.061 ± 0.022 χ^2/NDF : 929542.3/35

In: -3.080 ± 0.019 χ^2/NDF : 712391.6/22

Out: -3.088 ± 0.019 χ^2/NDF : 1139841.7/26

All: -3.084 ± 0.013 χ^2/NDF : 1852233.4/49

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: -22.196+/-0.102 χ^2/NDF :27801.2/5

Left: -22.610+/-0.071 χ^2/NDF : 76717.1/13

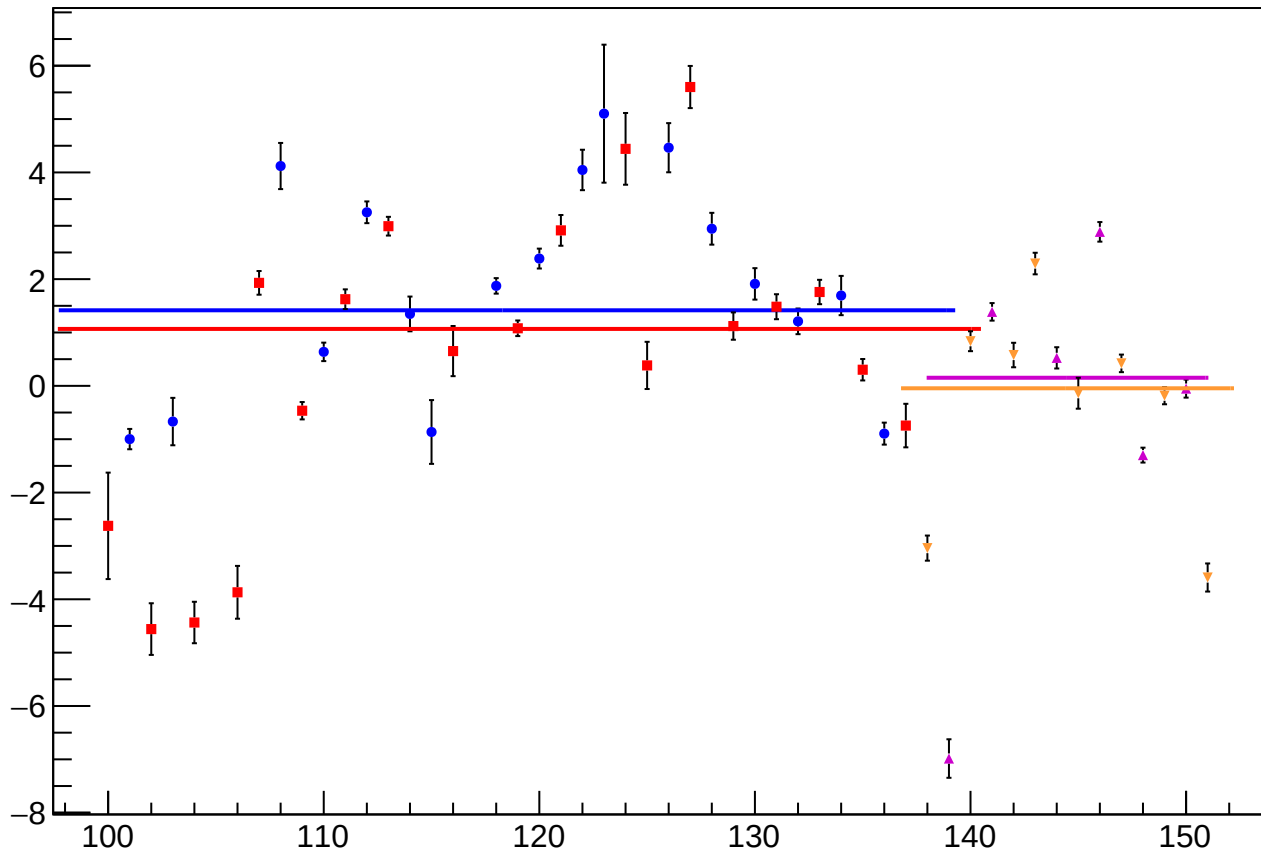
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.196+/-0.102 χ^2/NDF :27801.2/5

Out: -23.006+/-0.100 χ^2/NDF :48883.7/7

All: -22.610+/-0.071 χ^2/NDF : 76717.1/13

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: -0.046 ± 0.072 χ^2/NDF : 515.7/7

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.152 ± 0.073 χ^2/NDF : 781.7/5

Left: 0.051 ± 0.051 χ^2/NDF : 1301.1/13

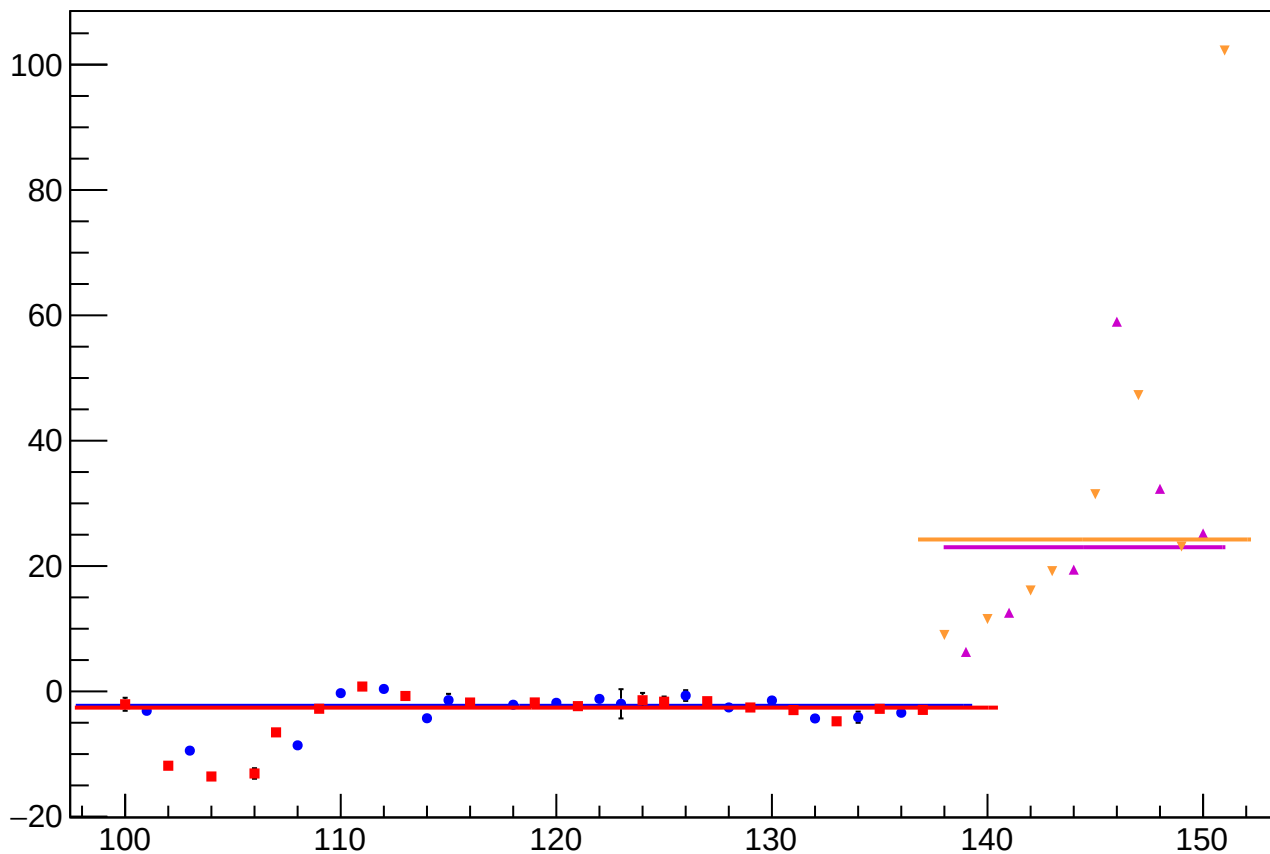
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.898 ± 0.047 χ^2/NDF : 1587.9/22

Out: 0.629 ± 0.045 χ^2/NDF : 1590.0/26

All: 0.758 ± 0.033 χ^2/NDF : 3194.9/49

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 24.238 ± 0.103 $\chi^2/\text{NDF}: 43451.1/7$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 23.002 ± 0.103 $\chi^2/\text{NDF}: 23713.9/5$

Left: 23.626 ± 0.073 $\chi^2/\text{NDF}: 67237.0/13$

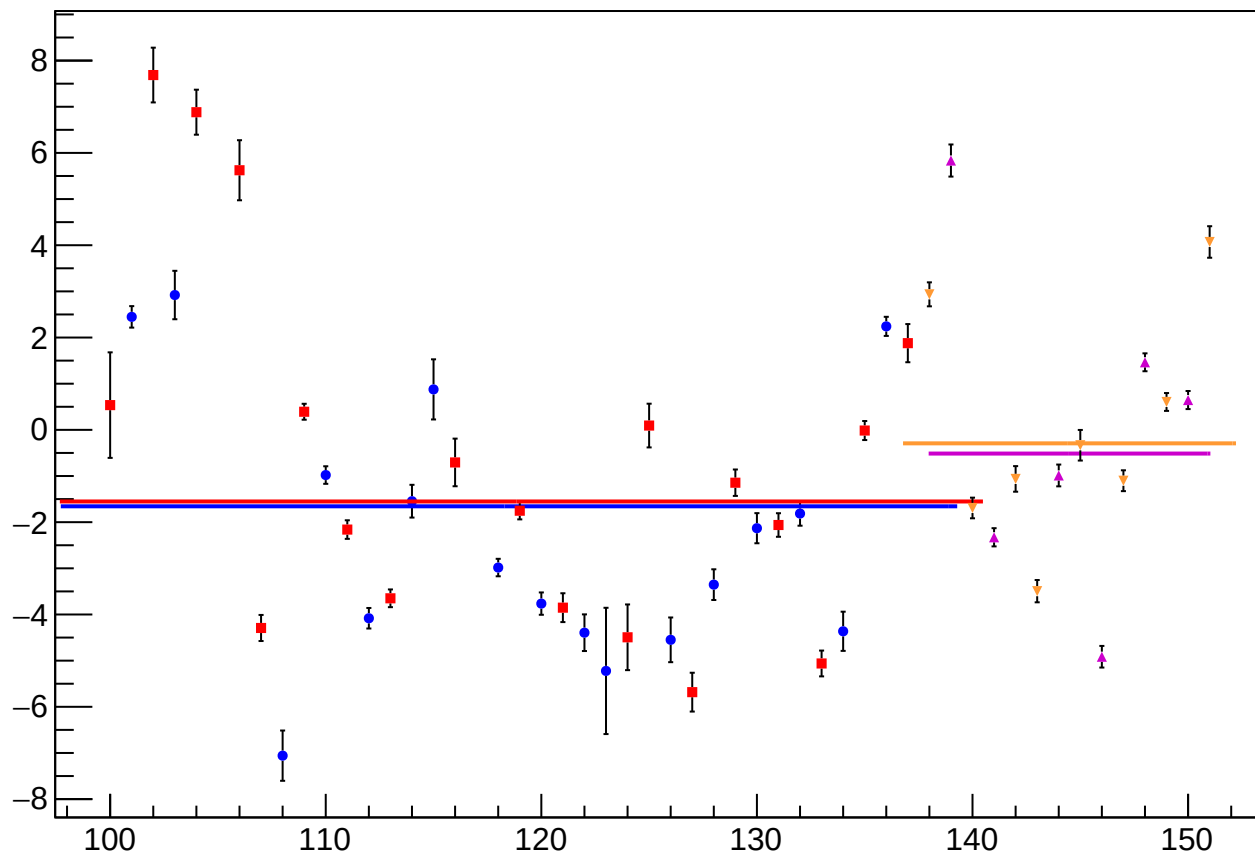
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 11.218 ± 0.076 $\chi^2/\text{NDF}: 51993.8/22$

Out: 10.327 ± 0.071 $\chi^2/\text{NDF}: 79823.2/26$

All: 10.745 ± 0.052 $\chi^2/\text{NDF}: 131890.6/49$

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: -0.514 ± 0.090 $\chi^2/\text{NDF}: 913.7/5$

Left: -0.400 ± 0.063 $\chi^2/\text{NDF}: 1491.5/13$

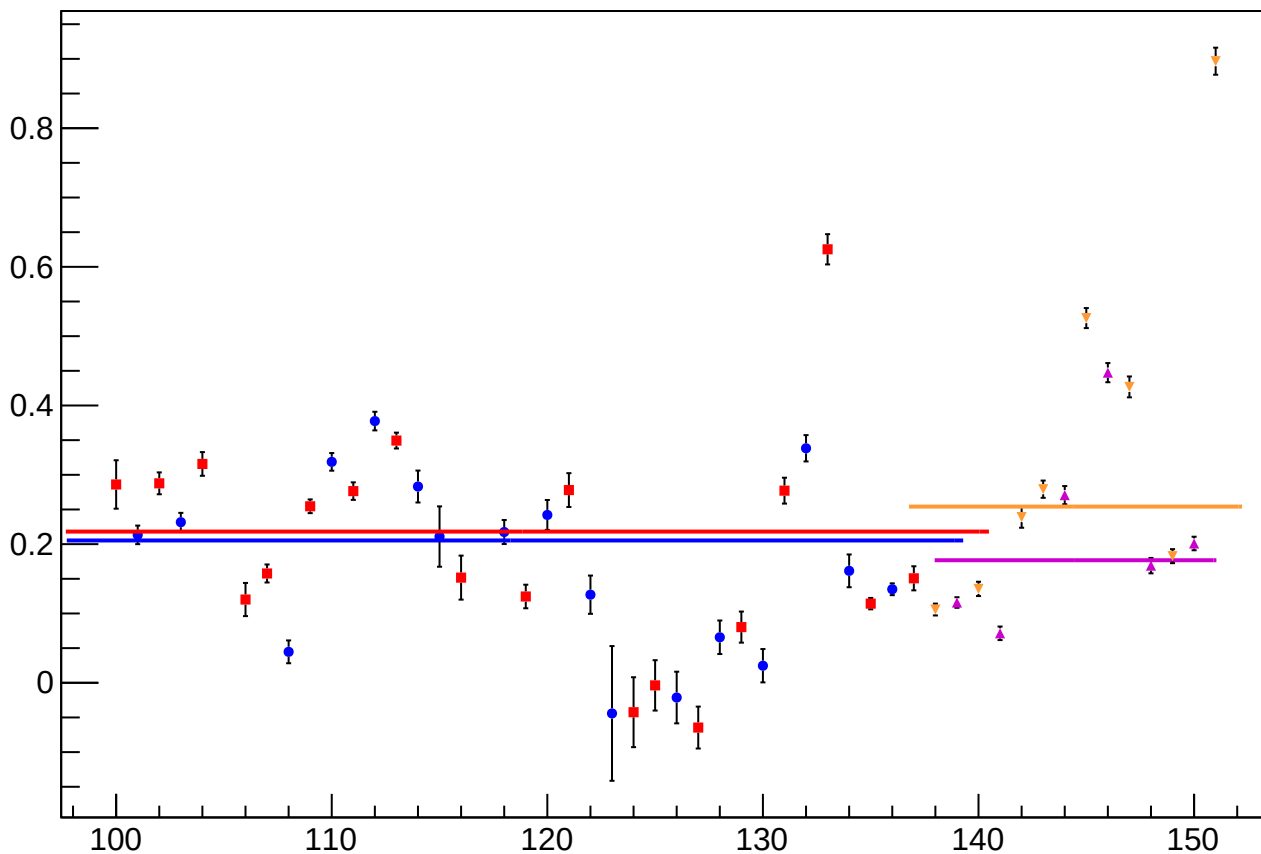
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.224 ± 0.056 $\chi^2/\text{NDF}: 2284.5/22$

Out: -1.102 ± 0.053 $\chi^2/\text{NDF}: 2194.3/26$

All: -1.159 ± 0.038 $\chi^2/\text{NDF}: 4481.3/49$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.254 ± 0.004 χ^2/NDF : 2058.2/7

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.177 ± 0.004 χ^2/NDF : 621.2/5

Left: 0.215 ± 0.003 χ^2/NDF : 2848.0/13

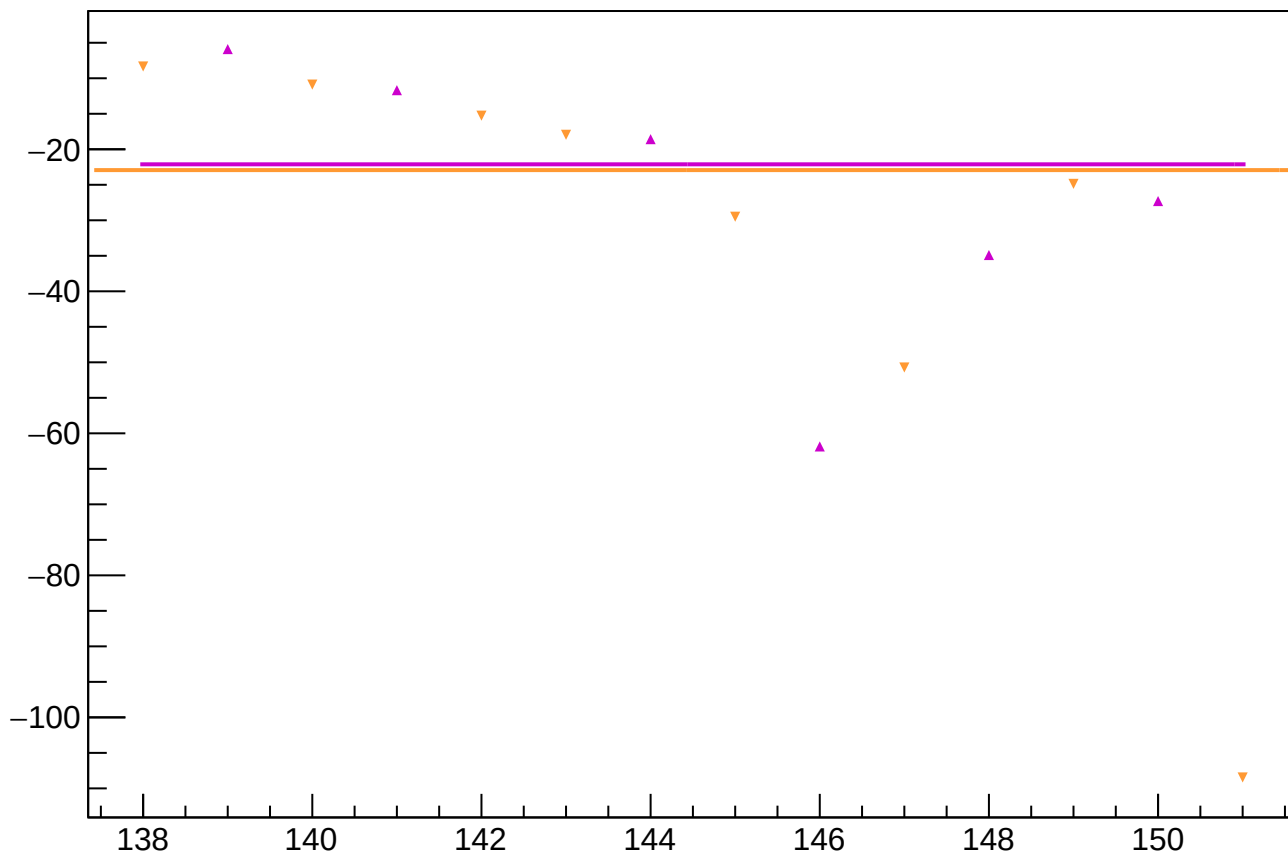
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.191 ± 0.003 χ^2/NDF : 1265.2/22

Out: 0.234 ± 0.003 χ^2/NDF : 3122.4/26

All: 0.214 ± 0.002 χ^2/NDF : 4497.4/49

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: -22.117+/-0.102 χ^2/NDF : 27732.4/5

Left: -22.534+/-0.071 χ^2/NDF : 76532.5/13

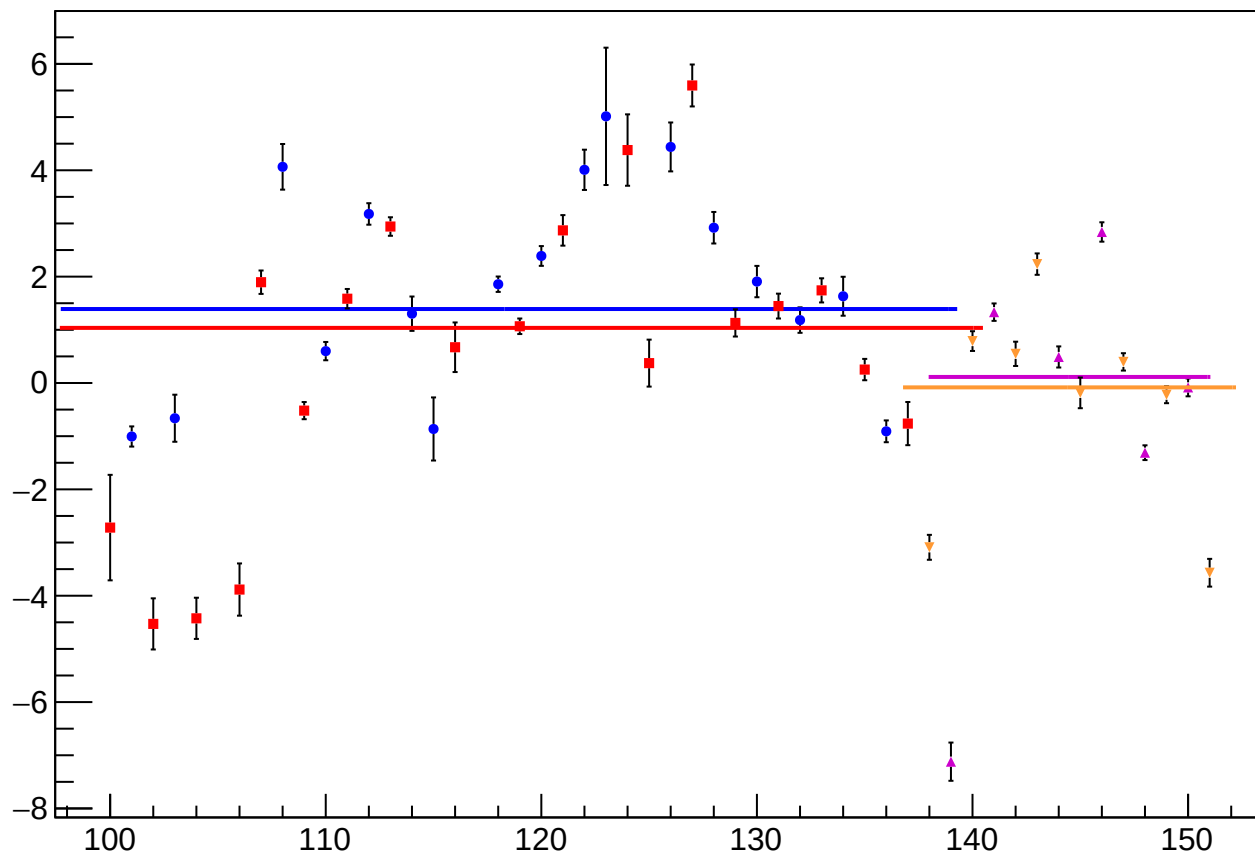
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.117+/-0.102 χ^2/NDF : 27732.4/5

Out: -22.933+/-0.099 χ^2/NDF : 48767.1/7

All: -22.534+/-0.071 χ^2/NDF : 76532.5/13

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: 0.114 ± 0.073 $\chi^2/\text{NDF}: 794.6/5$

Left: 0.014 ± 0.051 $\chi^2/\text{NDF}: 1313.1/13$

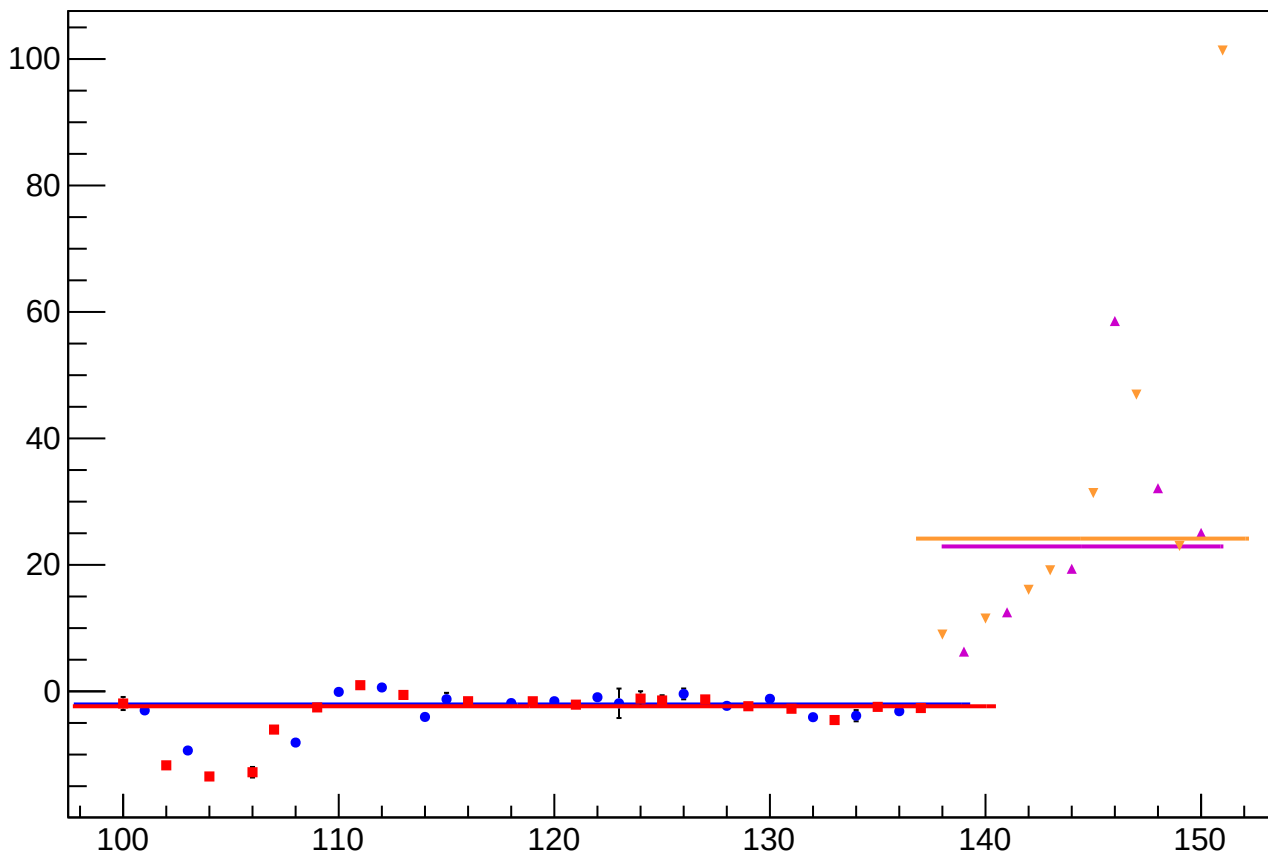
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 0.866 ± 0.047 $\chi^2/\text{NDF}: 1604.4/22$

Out: 0.595 ± 0.045 $\chi^2/\text{NDF}: 1596.5/26$

All: 0.726 ± 0.032 $\chi^2/\text{NDF}: 3218.4/49$

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: 22.915 ± 0.103 χ^2/NDF : 23644.3/5

Left: 23.540 ± 0.072 χ^2/NDF : 67052.0/13

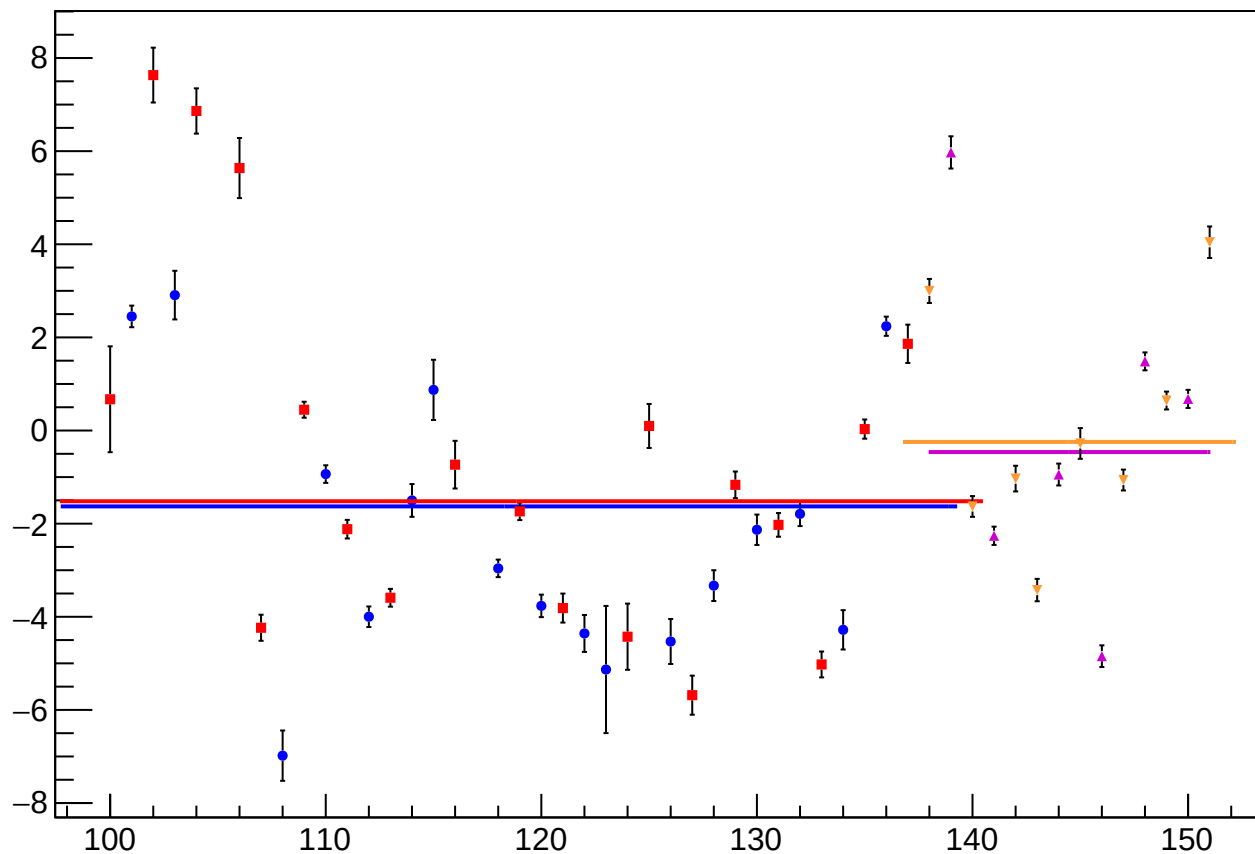
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 11.285 ± 0.075 χ^2/NDF : 51537.2/22

Out: 10.407 ± 0.071 χ^2/NDF : 79272.1/26

All: 10.819 ± 0.052 χ^2/NDF : 130881.6/49

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -0.245 ± 0.088 χ^2/NDF : 574.4/7

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -0.462 ± 0.090 χ^2/NDF : 925.5/5

Left: -0.351 ± 0.063 χ^2/NDF : 1502.9/13

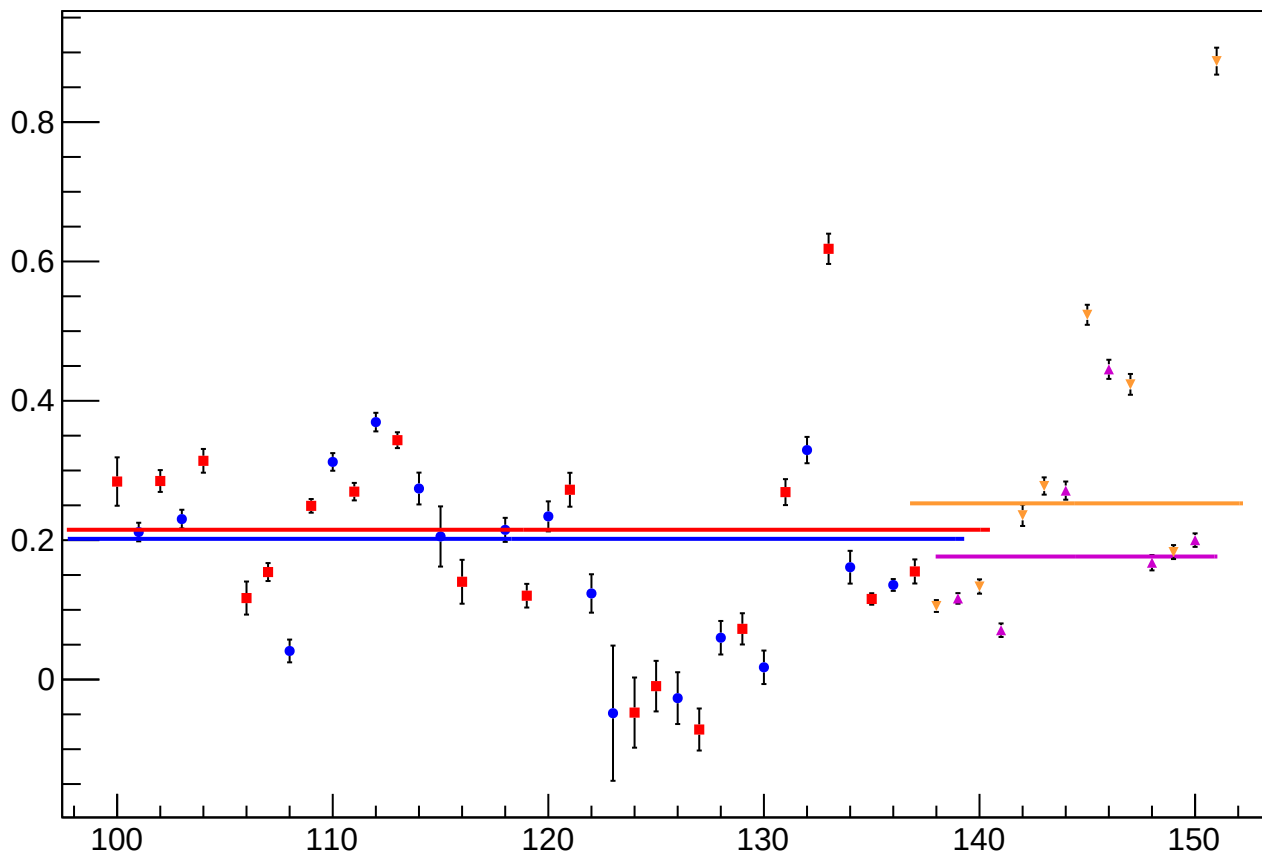
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.186 ± 0.055 χ^2/NDF : 2297.0/22

Out: -1.063 ± 0.052 χ^2/NDF : 2202.4/26

All: -1.122 ± 0.038 χ^2/NDF : 4502.0/49

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: 0.177 $\pm$ 0.004 χ^2 /NDF:623.2/5

Left: 0.214 $\pm$ 0.003 χ^2 /NDF: 2838.4/13

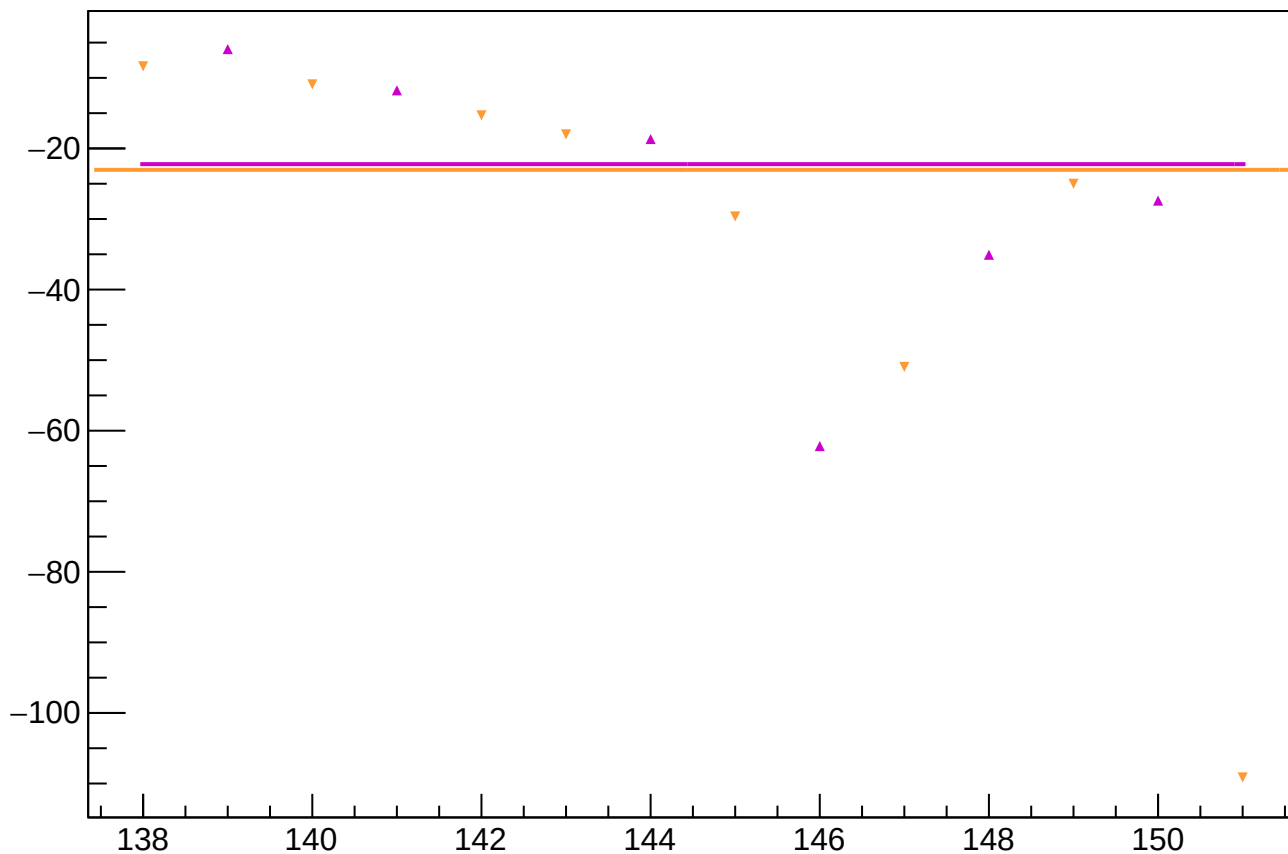
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.189 $\pm$ 0.003 χ^2 /NDF:1246.6/22

Out: 0.231 $\pm$ 0.003 χ^2 /NDF:3100.9/26

All: 0.211 $\pm$ 0.002 χ^2 /NDF: 4455.7/49

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: -22.225+/-0.102 χ^2/NDF :27757.1/5

Left: -22.637+/-0.071 χ^2/NDF : 76658.0/13

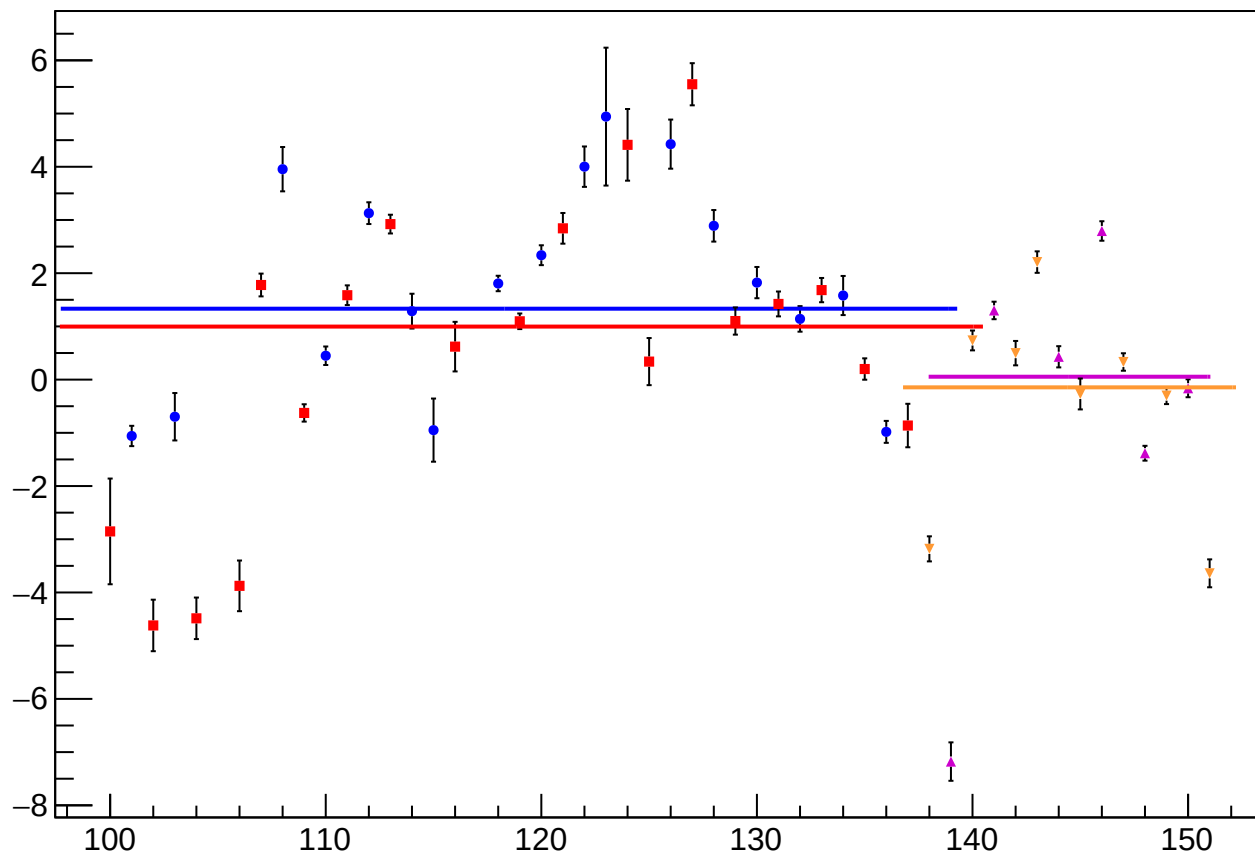
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.225+/-0.102 χ^2/NDF :27757.1/5

Out: -23.029+/-0.100 χ^2/NDF :48869.2/7

All: -22.637+/-0.071 χ^2/NDF : 76658.0/13

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: 0.054 ± 0.073 $\chi^2/\text{NDF}: 793.9/5$

Left: -0.047 ± 0.051 $\chi^2/\text{NDF}: 1316.9/13$

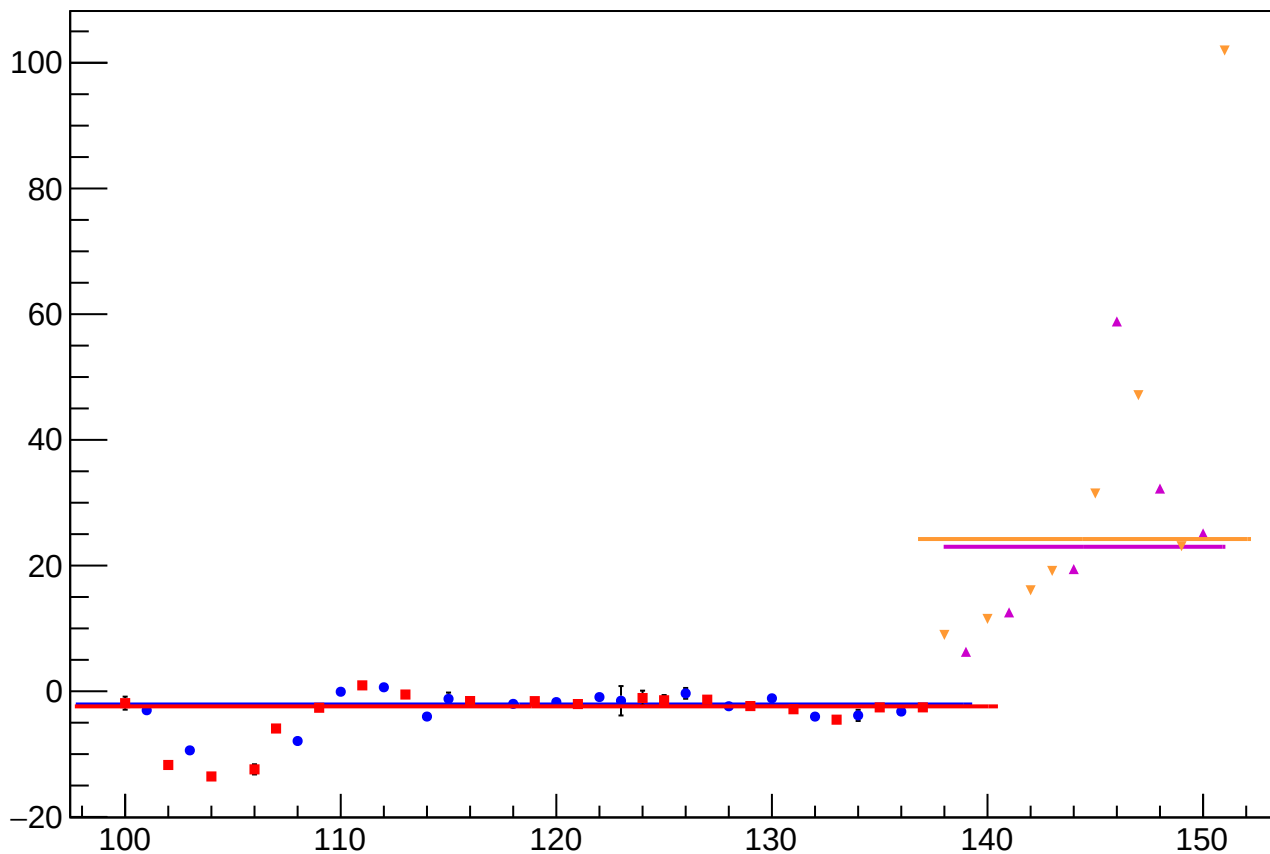
Right: 1.156 ± 0.042 $\chi^2/\text{NDF}: 1595.8/35$

In: 0.807 ± 0.047 $\chi^2/\text{NDF}: 1607.9/22$

Out: 0.547 ± 0.045 $\chi^2/\text{NDF}: 1617.2/26$

All: 0.672 ± 0.033 $\chi^2/\text{NDF}: 3241.0/49$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 24.223 ± 0.102 $\chi^2/\text{NDF}: 43435.4/7$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 22.991 ± 0.103 $\chi^2/\text{NDF}: 23674.7/5$

Left: 23.612 ± 0.073 $\chi^2/\text{NDF}: 67181.6/13$

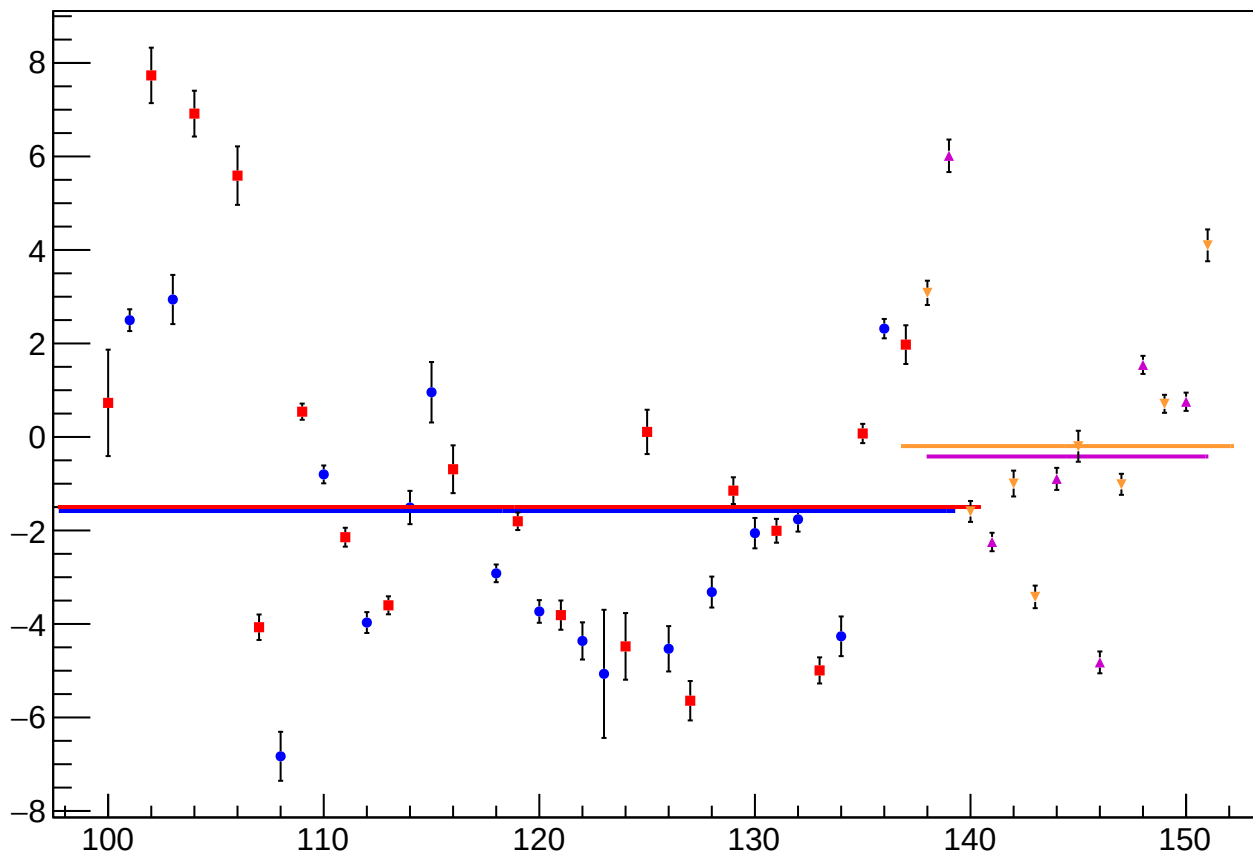
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 11.325 ± 0.076 $\chi^2/\text{NDF}: 51527.8/22$

Out: 10.426 ± 0.071 $\chi^2/\text{NDF}: 79338.6/26$

All: 10.848 ± 0.052 $\chi^2/\text{NDF}: 130941.5/49$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -0.195 ± 0.088 $\chi^2/\text{NDF}: 579.6/7$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -0.418 ± 0.090 $\chi^2/\text{NDF}: 925.8/5$

Left: -0.304 ± 0.063 $\chi^2/\text{NDF}: 1508.6/13$

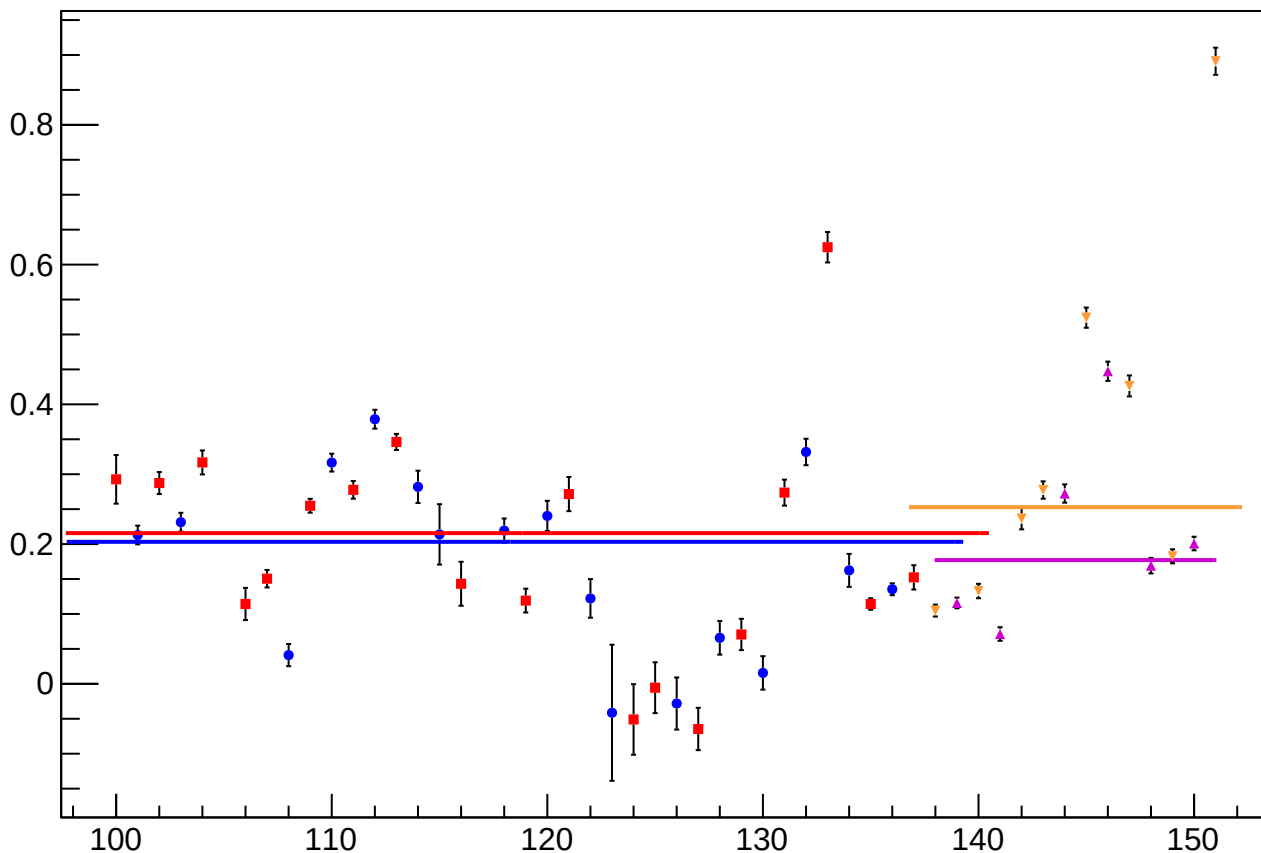
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.141 ± 0.055 $\chi^2/\text{NDF}: 2302.0/22$

Out: -1.033 ± 0.053 $\chi^2/\text{NDF}: 2224.5/26$

All: -1.084 ± 0.038 $\chi^2/\text{NDF}: 4528.6/49$

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: 0.177 $\pm$ 0.004 χ^2 /NDF:625.5/5

Left: 0.214 $\pm$ 0.003 χ^2 /NDF: 2838.4/13

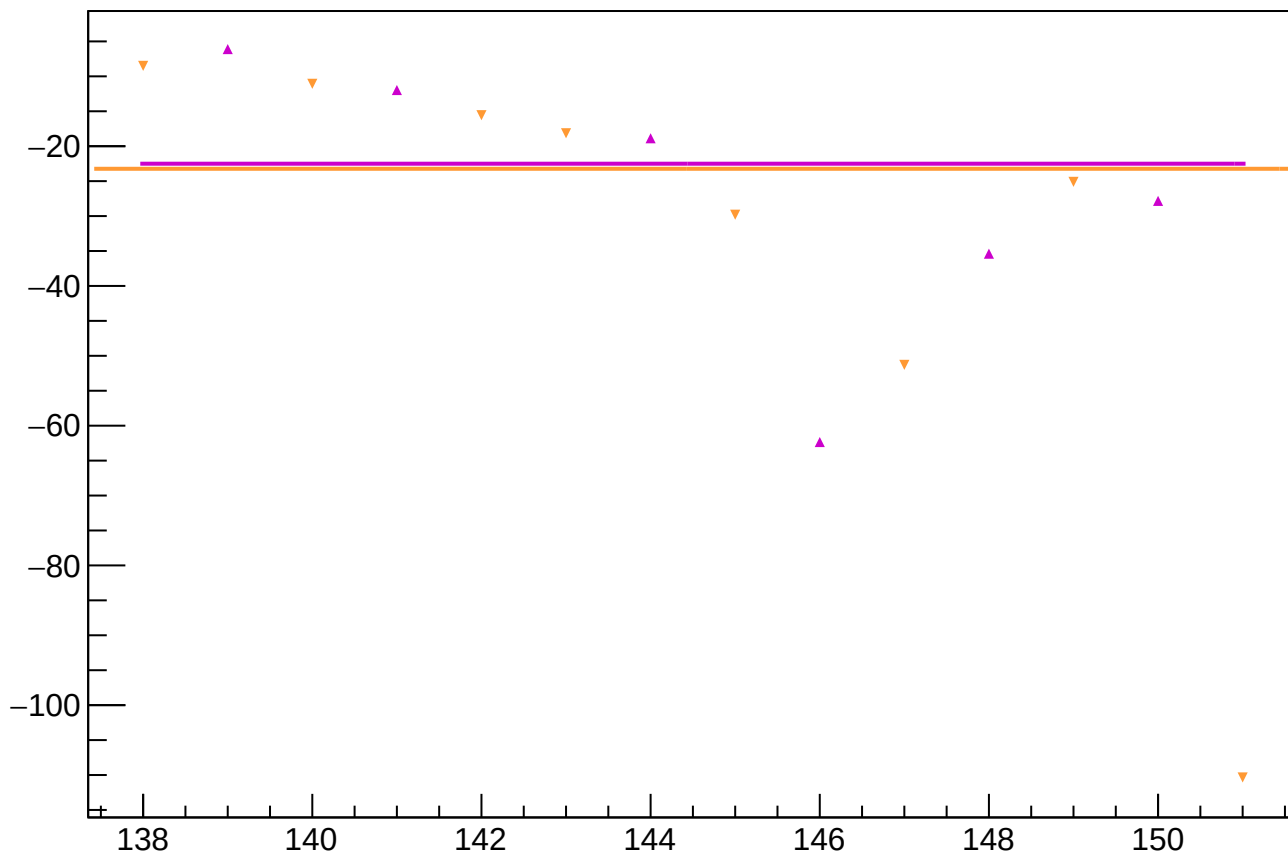
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.190 $\pm$ 0.003 χ^2 /NDF:1278.1/22

Out: 0.232 $\pm$ 0.003 χ^2 /NDF:3132.5/26

All: 0.212 $\pm$ 0.002 χ^2 /NDF: 4515.2/49

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: -22.504+/-0.103 χ^2/NDF : 27383.4/5

Left: -22.876+/-0.072 χ^2/NDF : 76158.1/13

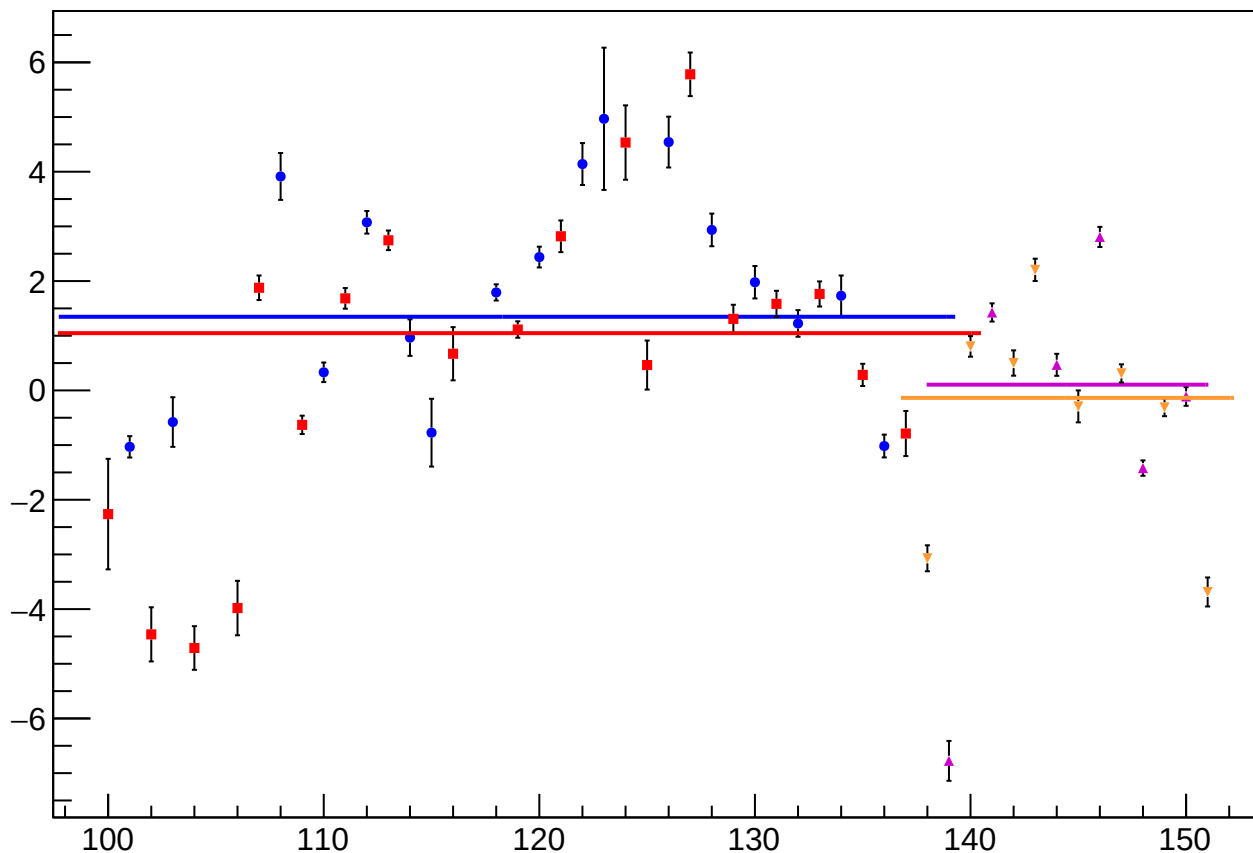
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.504+/-0.103 χ^2/NDF : 27383.4/5

Out: -23.231+/-0.101 χ^2/NDF : 48749.2/7

All: -22.876+/-0.072 χ^2/NDF : 76158.1/13

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: 0.105 $\pm$ 0.074 χ^2 /NDF: 755.9/5

Left: -0.018 $\pm$ 0.052 χ^2 /NDF: 1266.1/13

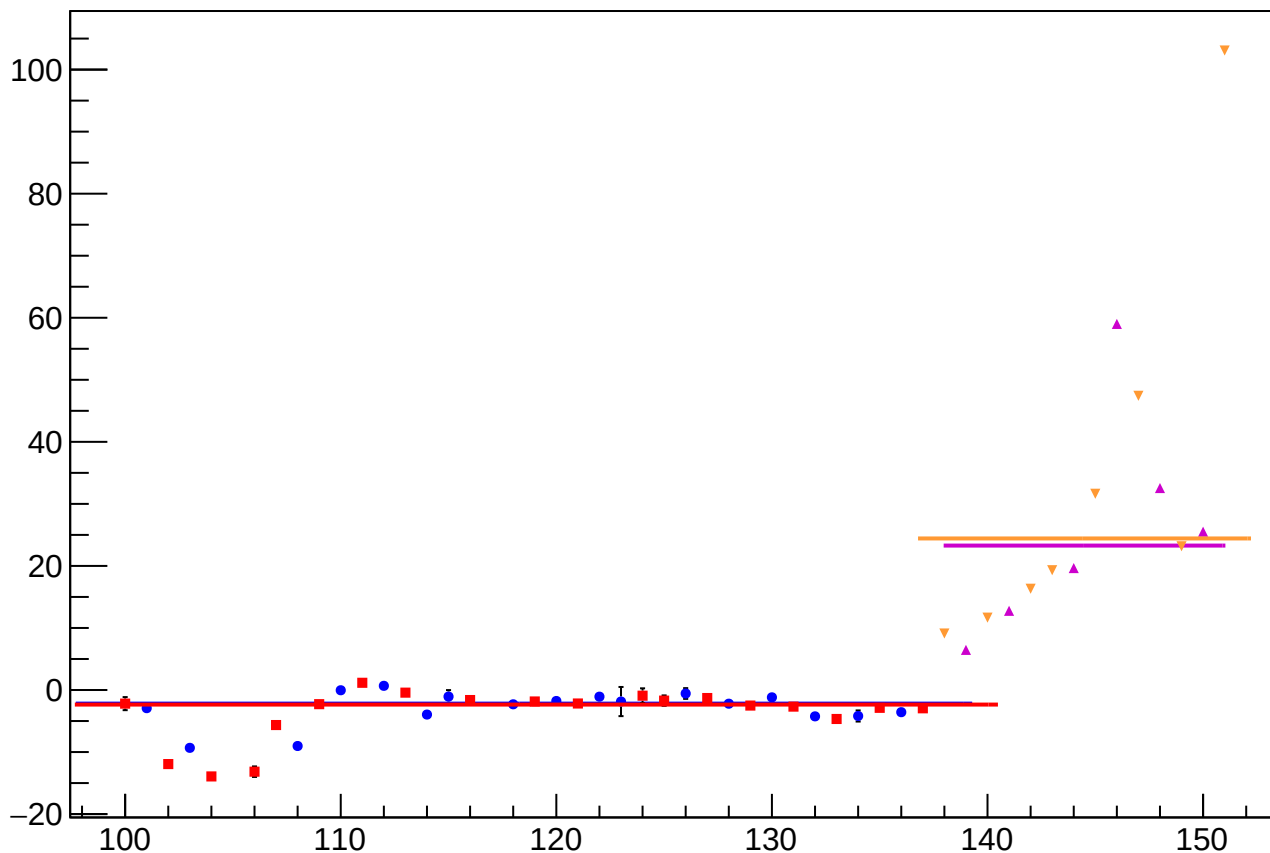
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 0.832 $\pm$ 0.048 χ^2 /NDF: 1550.8/22

Out: 0.575 $\pm$ 0.046 χ^2 /NDF: 1580.5/26

All: 0.699 $\pm$ 0.033 χ^2 /NDF: 3146.4/49

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: 23.280 ± 0.104 χ^2/NDF : 23320.6/5

Left: 23.860 ± 0.073 χ^2/NDF : 66723.6/13

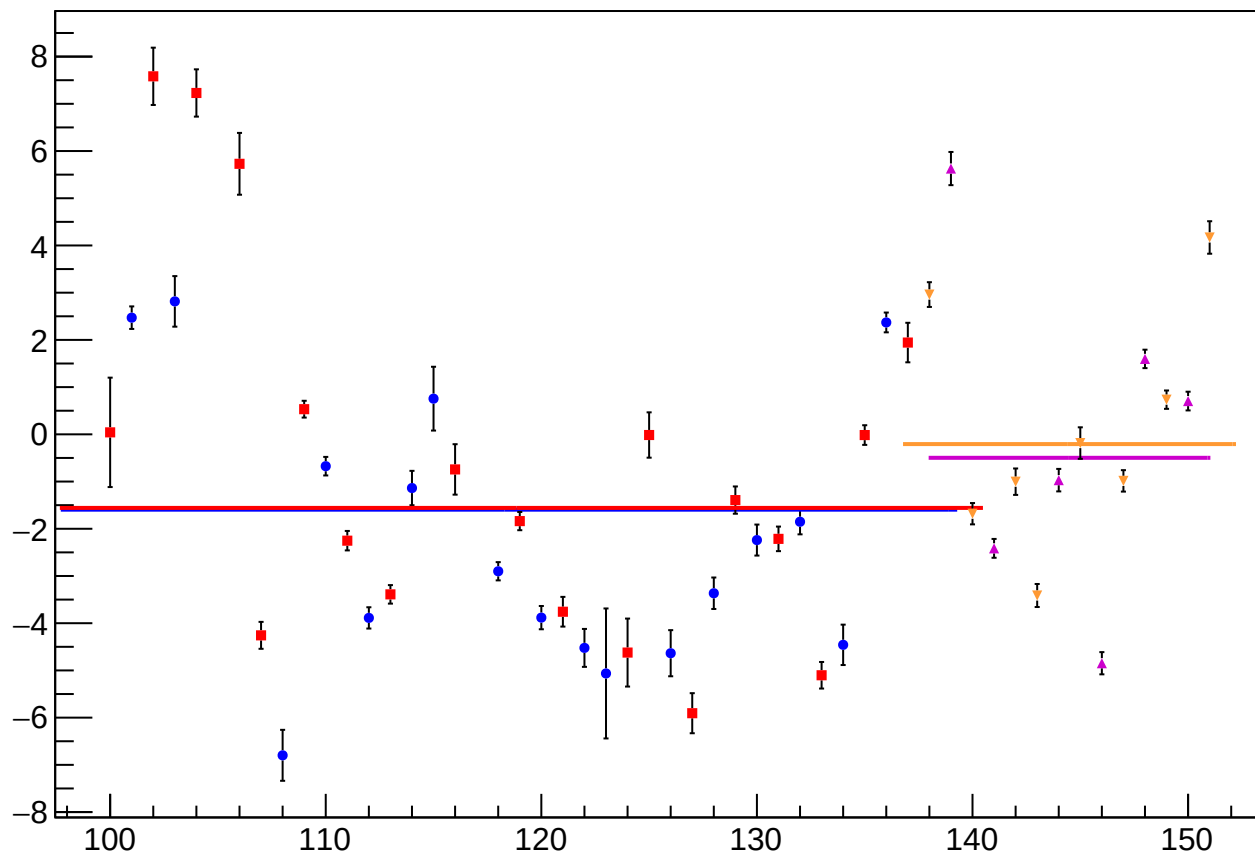
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 11.523 ± 0.077 χ^2/NDF : 51220.6/22

Out: 10.712 ± 0.072 χ^2/NDF : 78618.4/26

All: 11.093 ± 0.053 χ^2/NDF : 129898.3/49

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: -0.497 ± 0.091 χ^2/NDF : 893.8/5

Left: -0.348 ± 0.064 χ^2/NDF : 1465.7/13

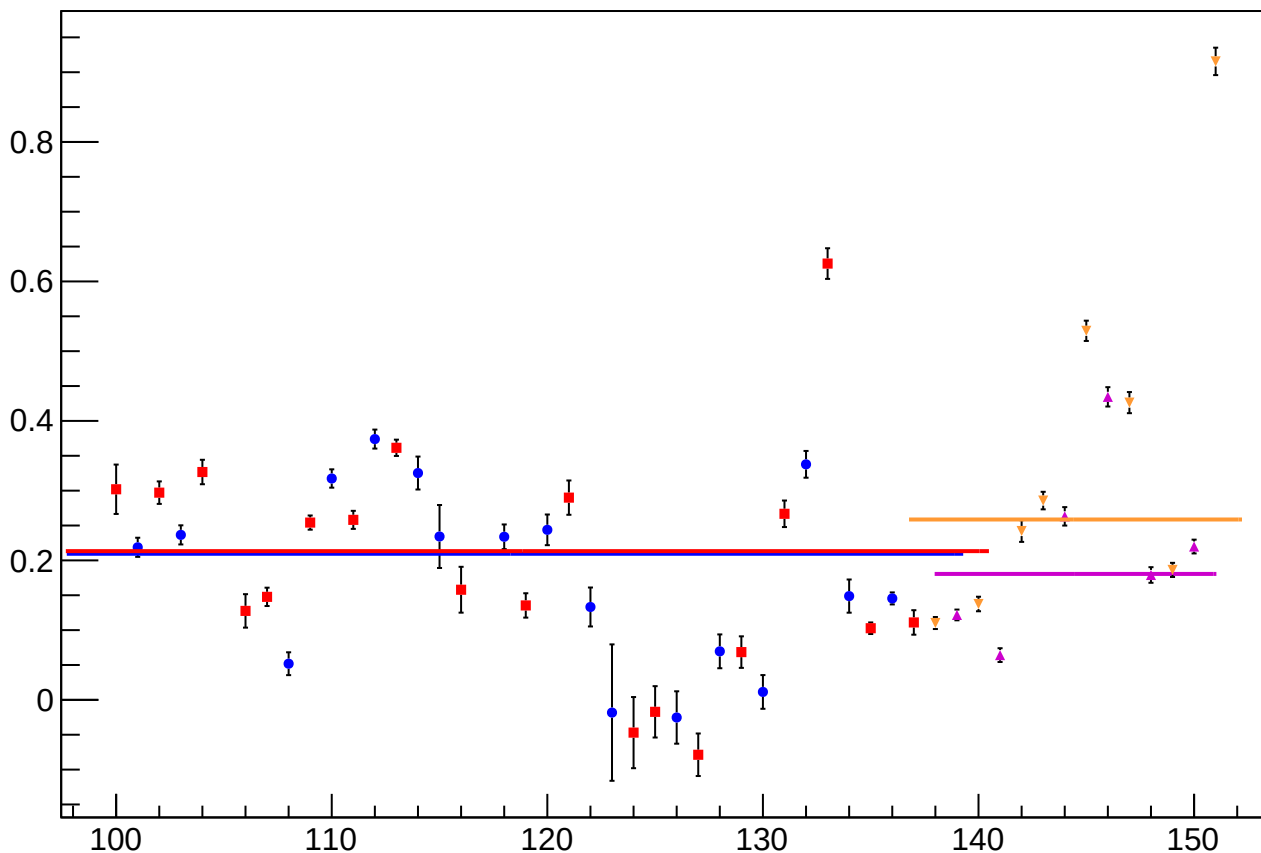
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.175 ± 0.056 χ^2/NDF : 2239.0/22

Out: -1.069 ± 0.053 χ^2/NDF : 2178.5/26

All: -1.119 ± 0.039 χ^2/NDF : 4419.4/49

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: 0.181 ± 0.004 χ^2/NDF : 586.4/5

Left: 0.219 ± 0.003 χ^2/NDF : 2826.7/13

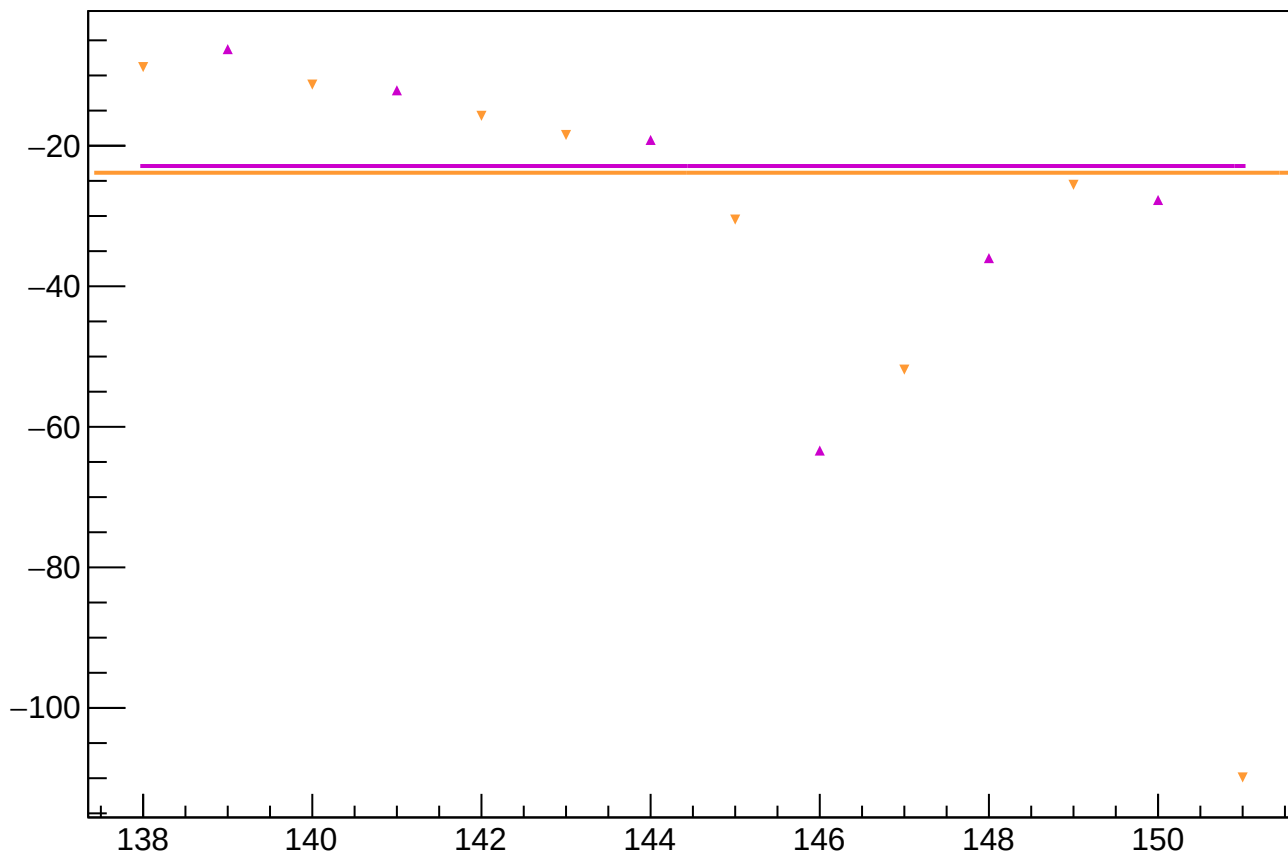
Right: 0.212 ± 0.003 χ^2/NDF : 1701.4/35

In: 0.195 ± 0.003 χ^2/NDF : 1207.8/22

Out: 0.233 ± 0.003 χ^2/NDF : 3238.5/26

All: 0.215 ± 0.002 χ^2/NDF : 4531.4/49

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: -22.884+/-0.105 χ^2/NDF :27217.4/5

Left: -23.374+/-0.073 χ^2/NDF : 75323.4/13

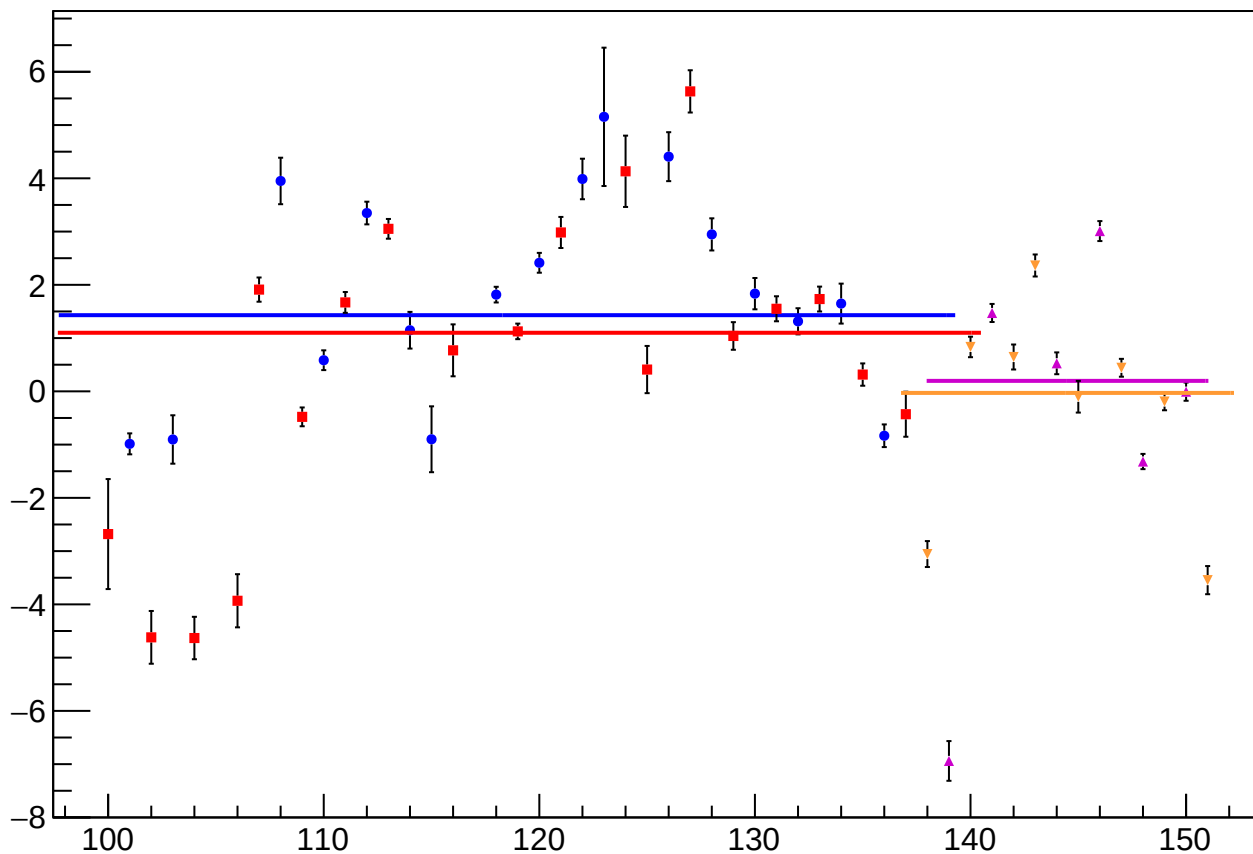
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.884+/-0.105 χ^2/NDF :27217.4/5

Out: -23.842+/-0.103 χ^2/NDF :48063.3/7

All: -23.374+/-0.073 χ^2/NDF : 75323.4/13

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: -0.029 ± 0.074 $\chi^2/\text{NDF}: 502.4/7$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 0.197 ± 0.075 $\chi^2/\text{NDF}: 764.1/5$

Left: 0.082 ± 0.053 $\chi^2/\text{NDF}: 1271.1/13$

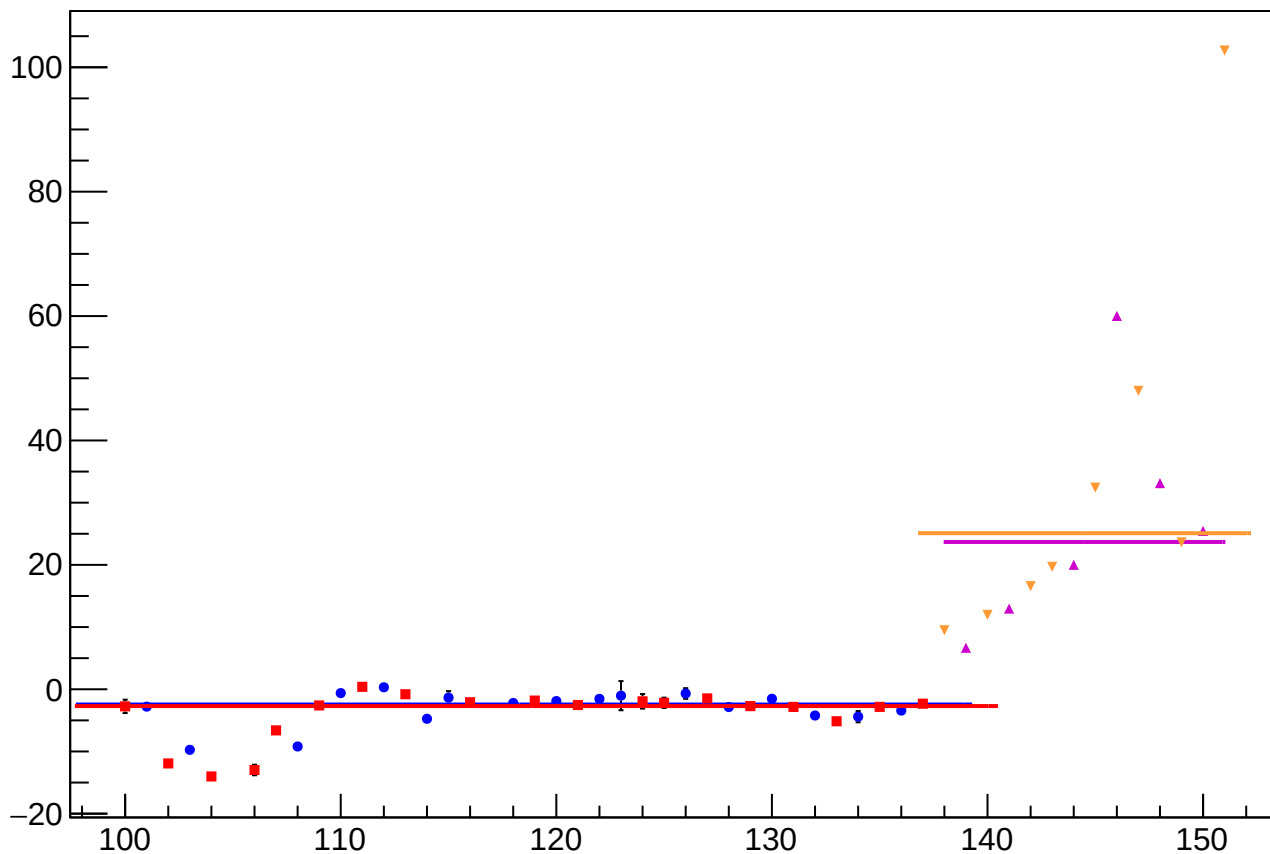
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 0.923 ± 0.048 $\chi^2/\text{NDF}: 1520.9/22$

Out: 0.651 ± 0.047 $\chi^2/\text{NDF}: 1544.6/26$

All: 0.782 ± 0.033 $\chi^2/\text{NDF}: 3081.9/49$

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: 23.682 ± 0.106 χ^2/NDF : 23194.3/5

Left: 24.392 ± 0.075 χ^2/NDF : 65929.9/13

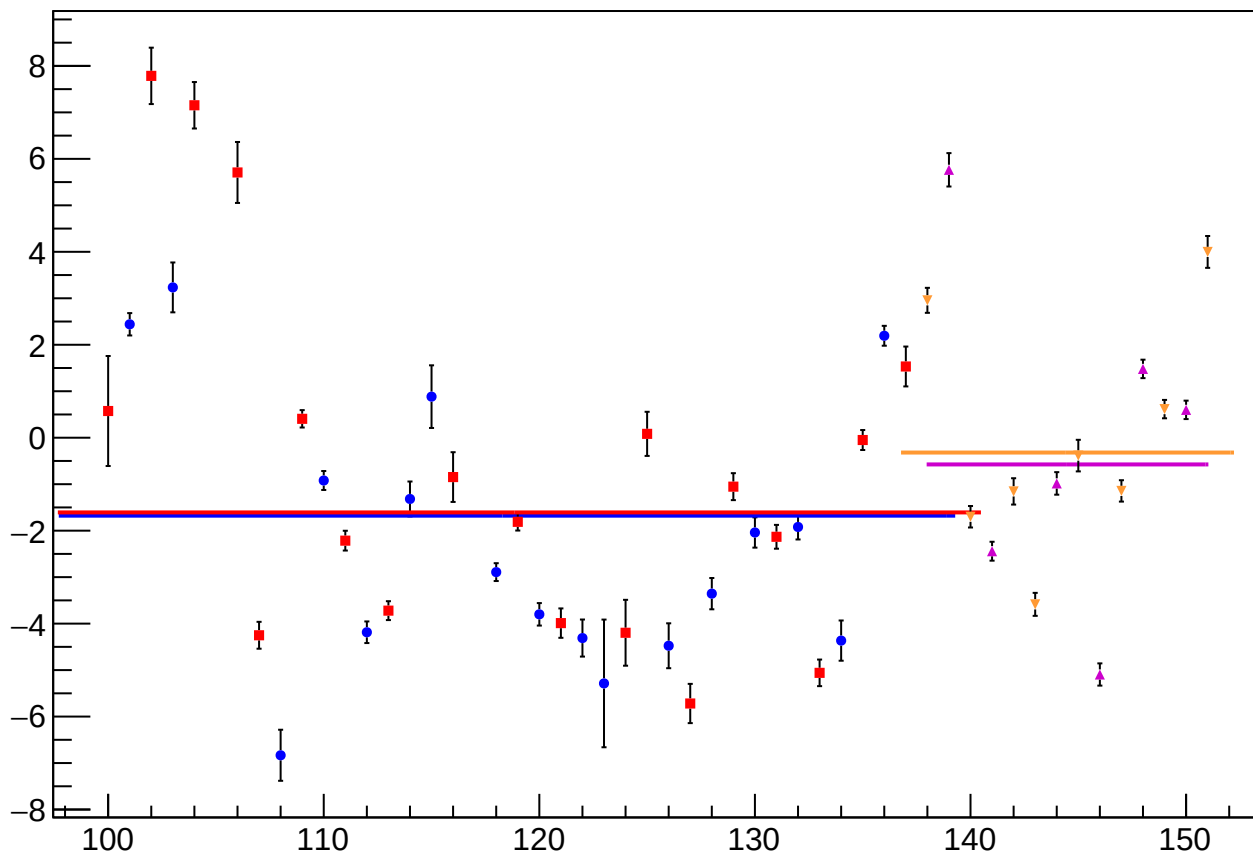
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 11.616 ± 0.078 χ^2/NDF : 51639.7/22

Out: 10.904 ± 0.074 χ^2/NDF : 79054.8/26

All: 11.241 ± 0.053 χ^2/NDF : 130738.7/49

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: -0.575 ± 0.092 $\chi^2/\text{NDF}: 898.1/5$

Left: -0.444 ± 0.065 $\chi^2/\text{NDF}: 1463.1/13$

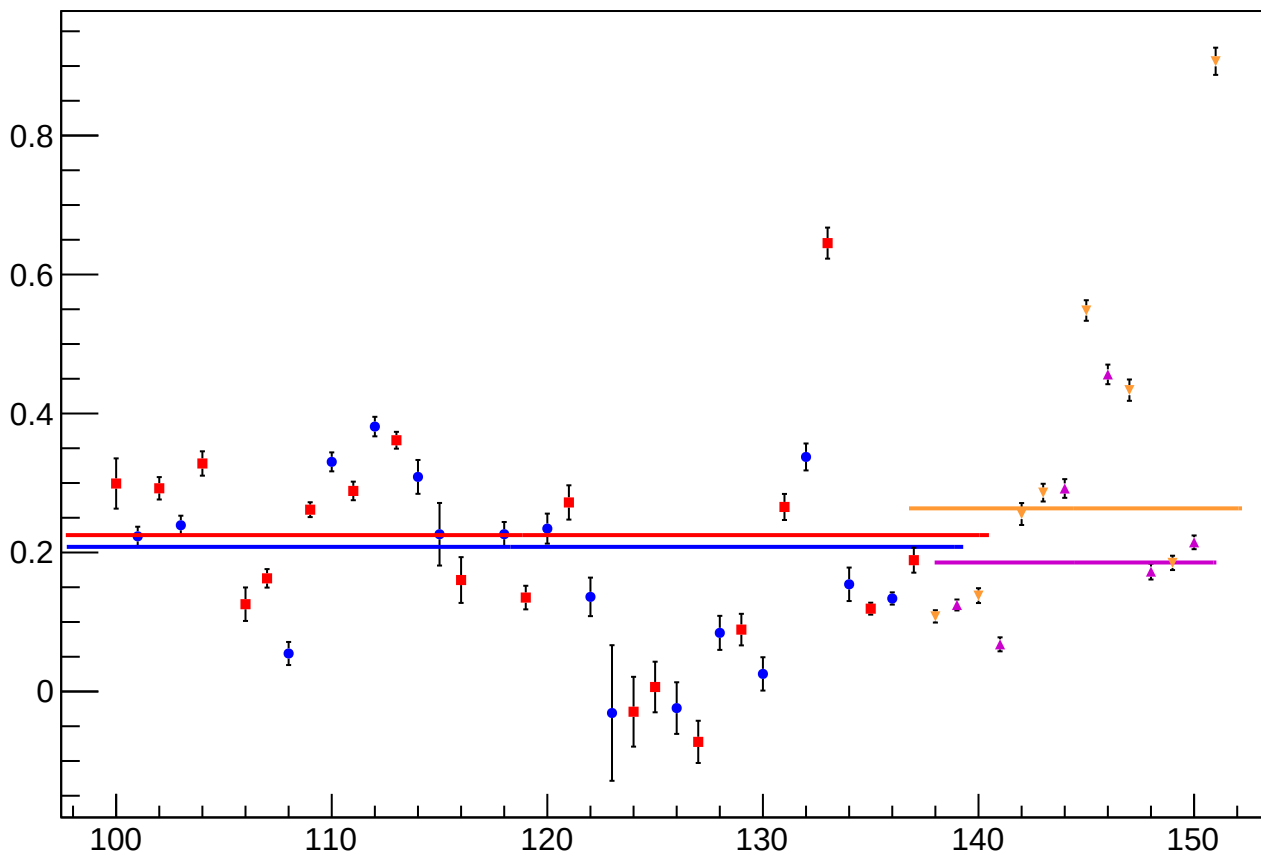
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.257 ± 0.057 $\chi^2/\text{NDF}: 2191.0/22$

Out: -1.141 ± 0.054 $\chi^2/\text{NDF}: 2122.2/26$

All: -1.196 ± 0.039 $\chi^2/\text{NDF}: 4315.3/49$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.264 ± 0.004 χ^2/NDF : 2078.9/7

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

Left In: 0.186 ± 0.004 χ^2/NDF : 637.8/5

Left: 0.224 ± 0.003 χ^2/NDF : 2878.8/13

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.197 ± 0.003 χ^2/NDF : 1251.8/22

Out: 0.242 ± 0.003 χ^2/NDF : 3122.8/26

All: 0.220 ± 0.002 χ^2/NDF : 4490.0/49