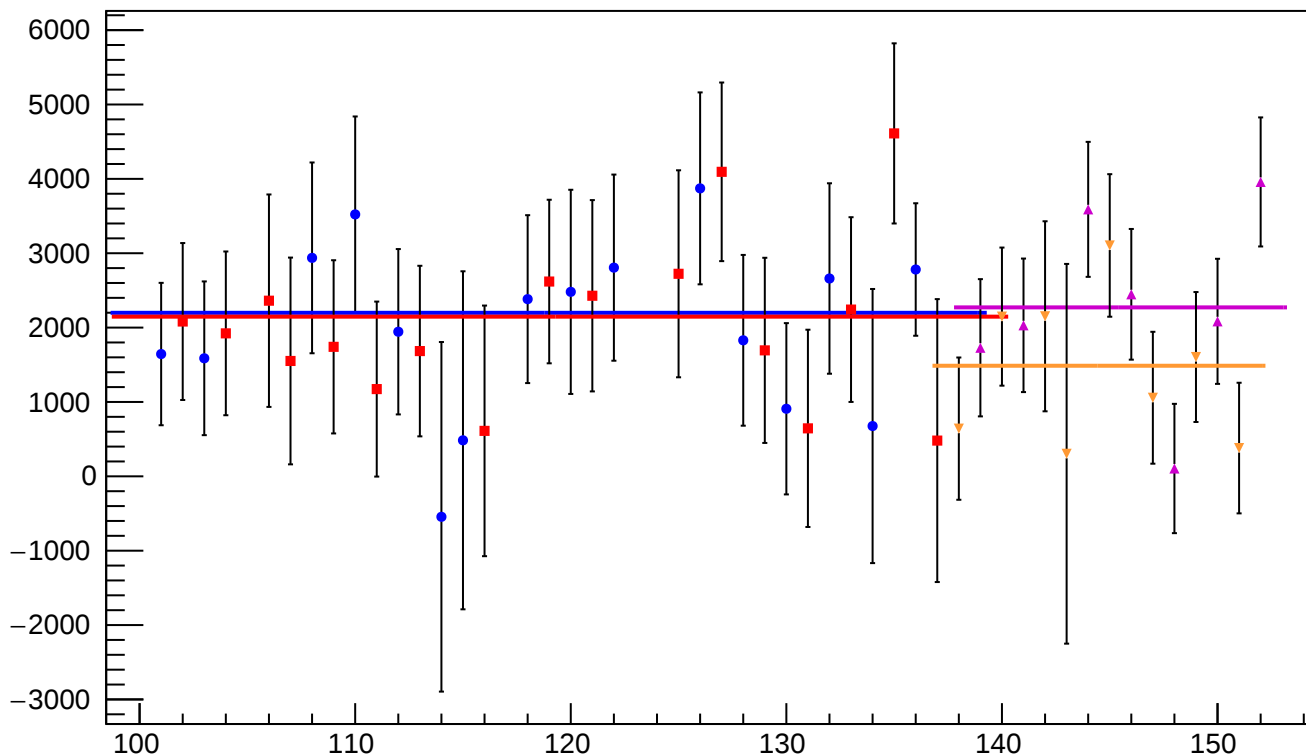


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1487.039+/-353.872

Right Out: 2147.149+/-304.804

Left In: 2271.767+/-333.544

χ^2/NDF : 8.6/15

χ^2/NDF : 6.5/7

χ^2/NDF : 11.4/16

χ^2/NDF : 12.6/6

Left: 1902.588+/-242.720

Right: 2172.848+/-216.219

In: 2232.281+/-225.791

Out: 1865.998+/-230.945

All: 2053.272+/-161.450

χ^2/NDF : 21.7/14

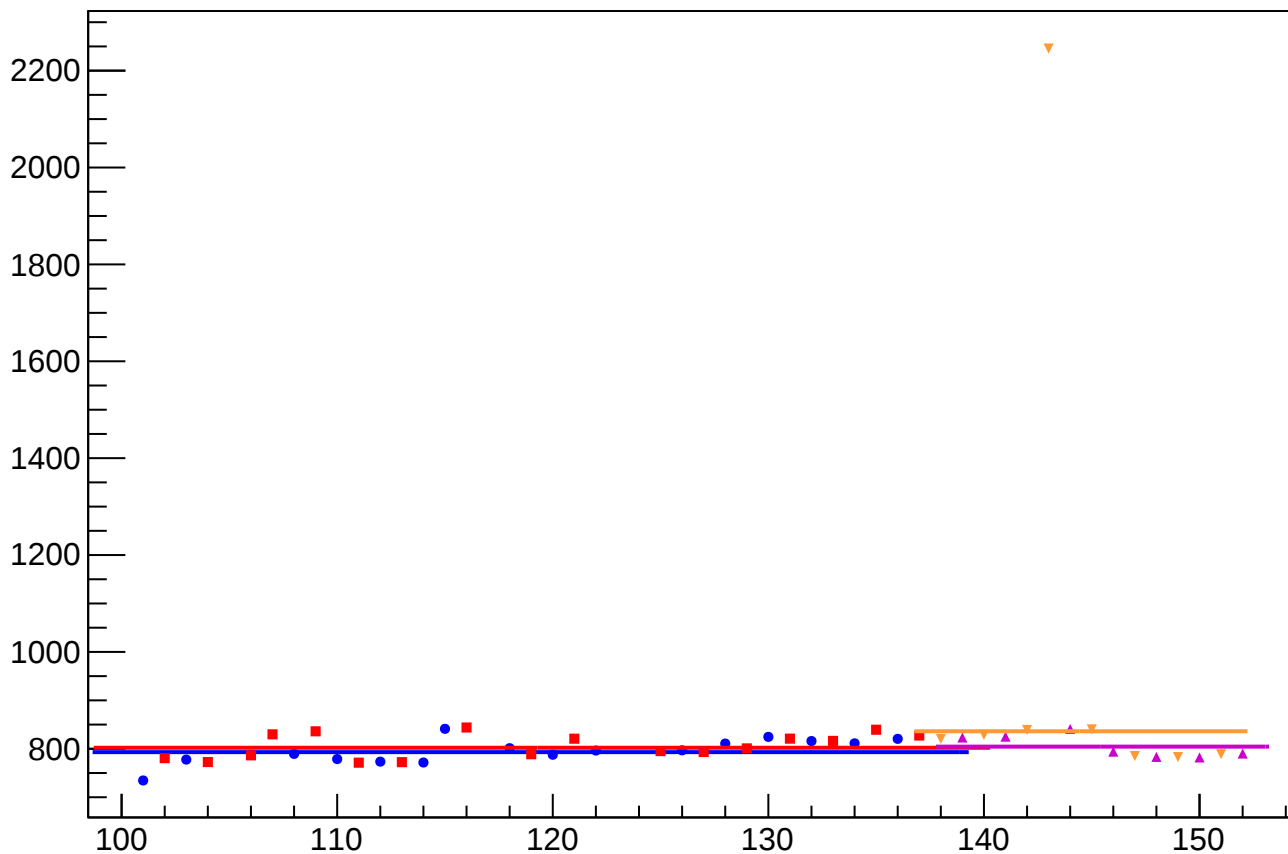
χ^2/NDF : 20.0/32

χ^2/NDF : 21.2/22

χ^2/NDF : 19.9/24

χ^2/NDF : 42.4/47

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

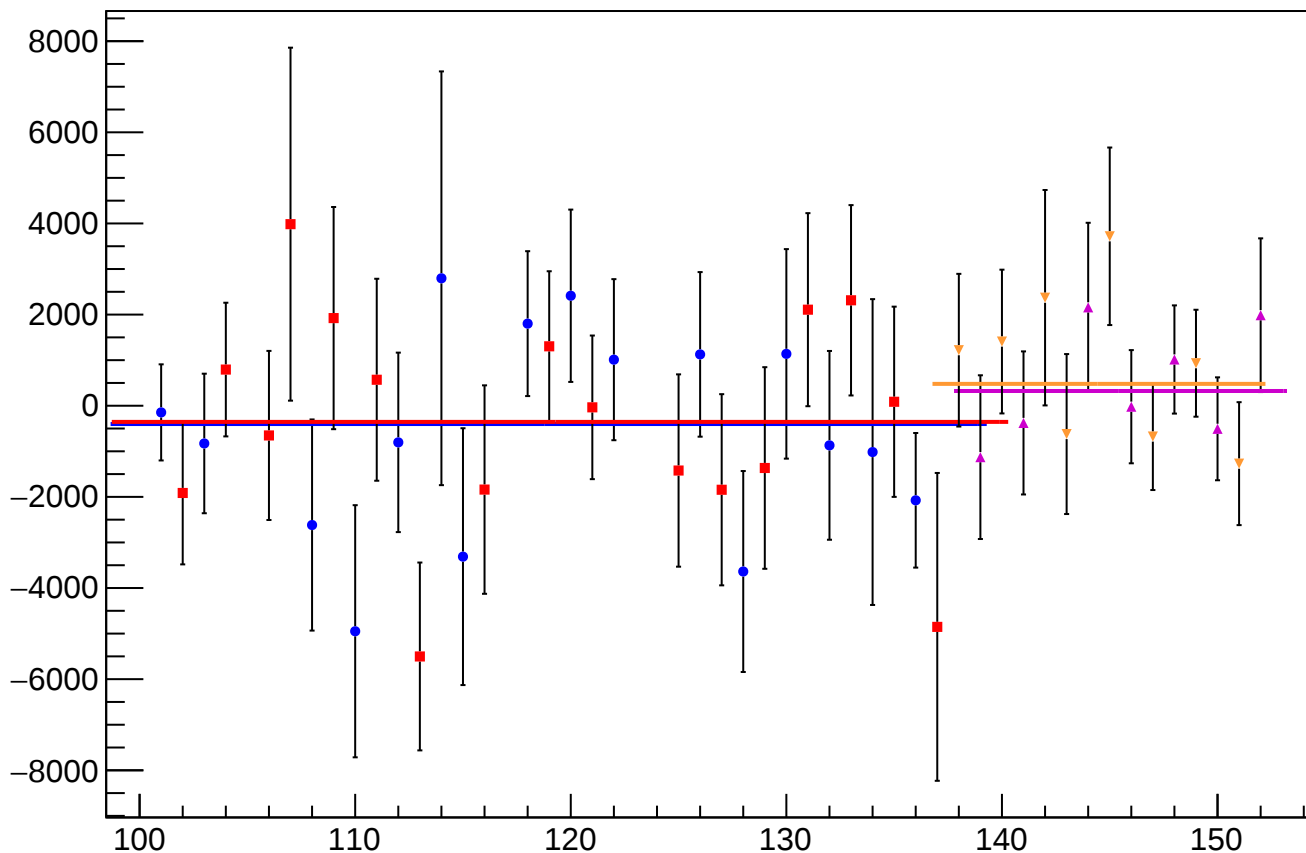
Right: 797.648 +/- 0.153 χ^2/NDF : 28303.8/32

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

Out: 816.642 +/- 0.163 χ^2/NDF : 653484.1/24

All: 807.271 +/- 0.114 χ^2/NDF : 684412.6/47

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

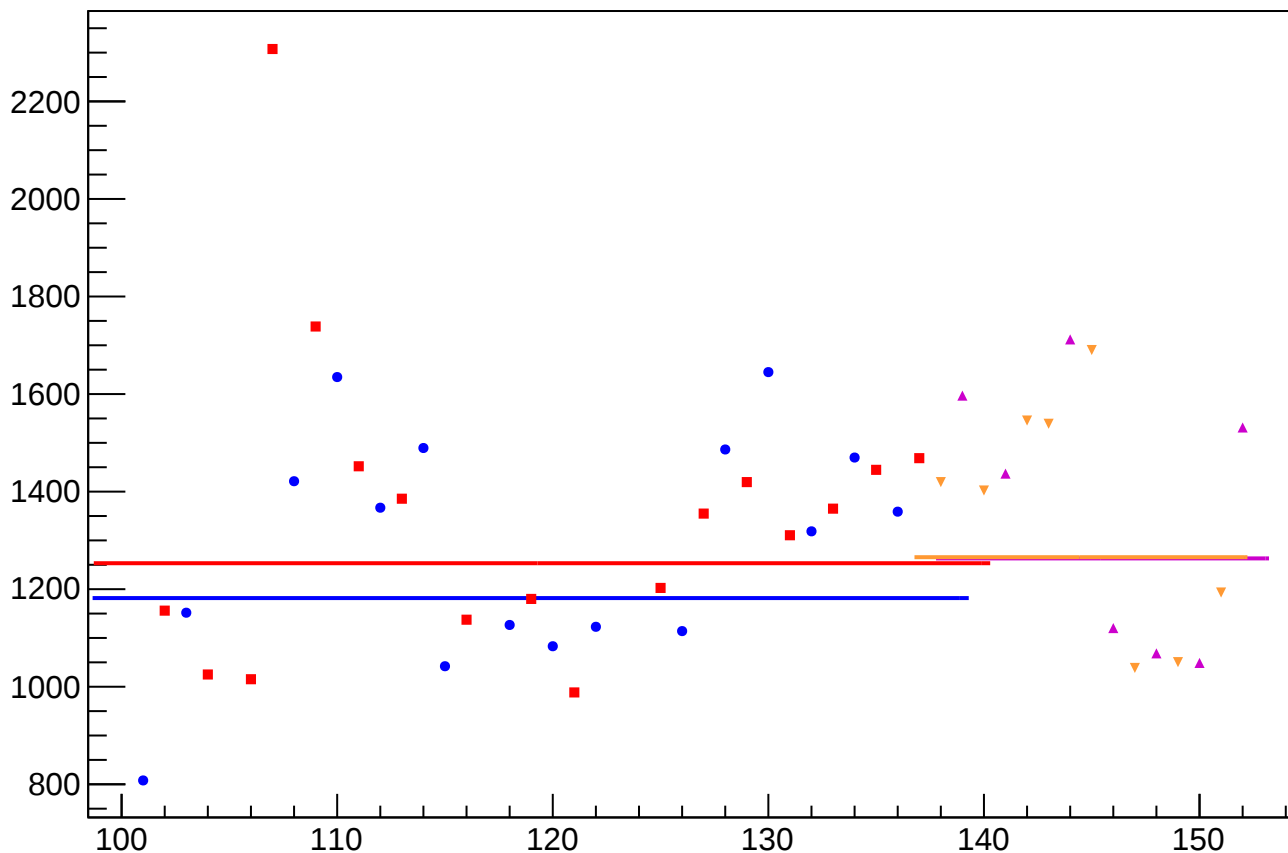
Right: -378.842 ± 337.535 $\chi^2/\text{NDF}: 32.2/32$

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

Out: 25.076 ± 359.175 $\chi^2/\text{NDF}: 25.9/24$

All: -31.723 ± 251.546 $\chi^2/\text{NDF}: 45.6/47$

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: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1263.087+/-0.378 χ^2/NDF : 413537.1/6

Left: 1264.324+/-0.267 χ^2/NDF : 765020.1/14

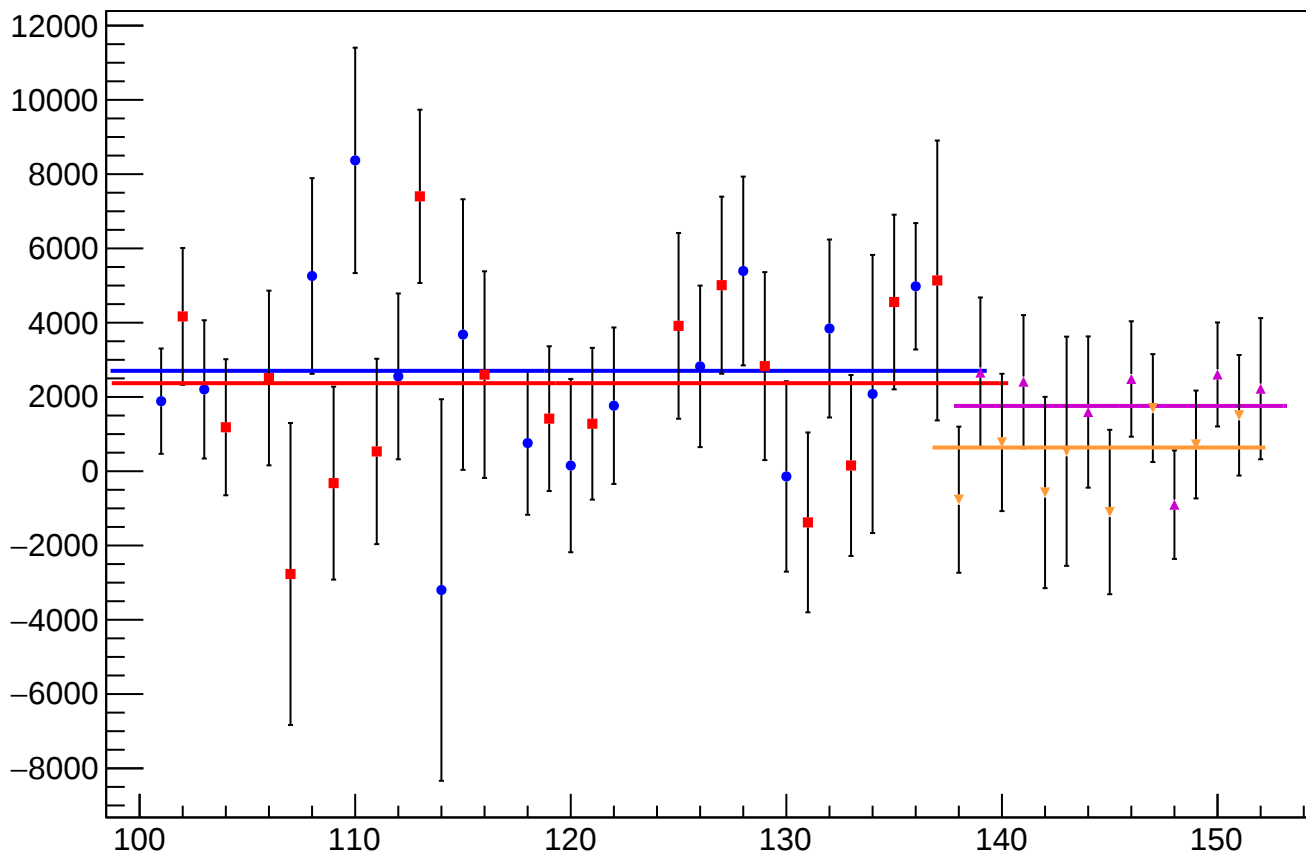
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1217.109+/-0.249 χ^2/NDF : 983199.9/22

Out: 1258.832+/-0.254 χ^2/NDF : 807686.5/24

All: 1237.574+/-0.178 χ^2/NDF : 1804636.6/47

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 ± 564.506 χ^2/NDF : 13.0/15

Left Out: 638.827 ± 653.921 χ^2/NDF : 2.2/7

Right Out: 2370.617 ± 573.481 χ^2/NDF : 16.0/16

Left In: 1758.458 ± 636.912 χ^2/NDF : 4.3/6

Left: 1213.393 ± 456.260 χ^2/NDF : 8.0/14

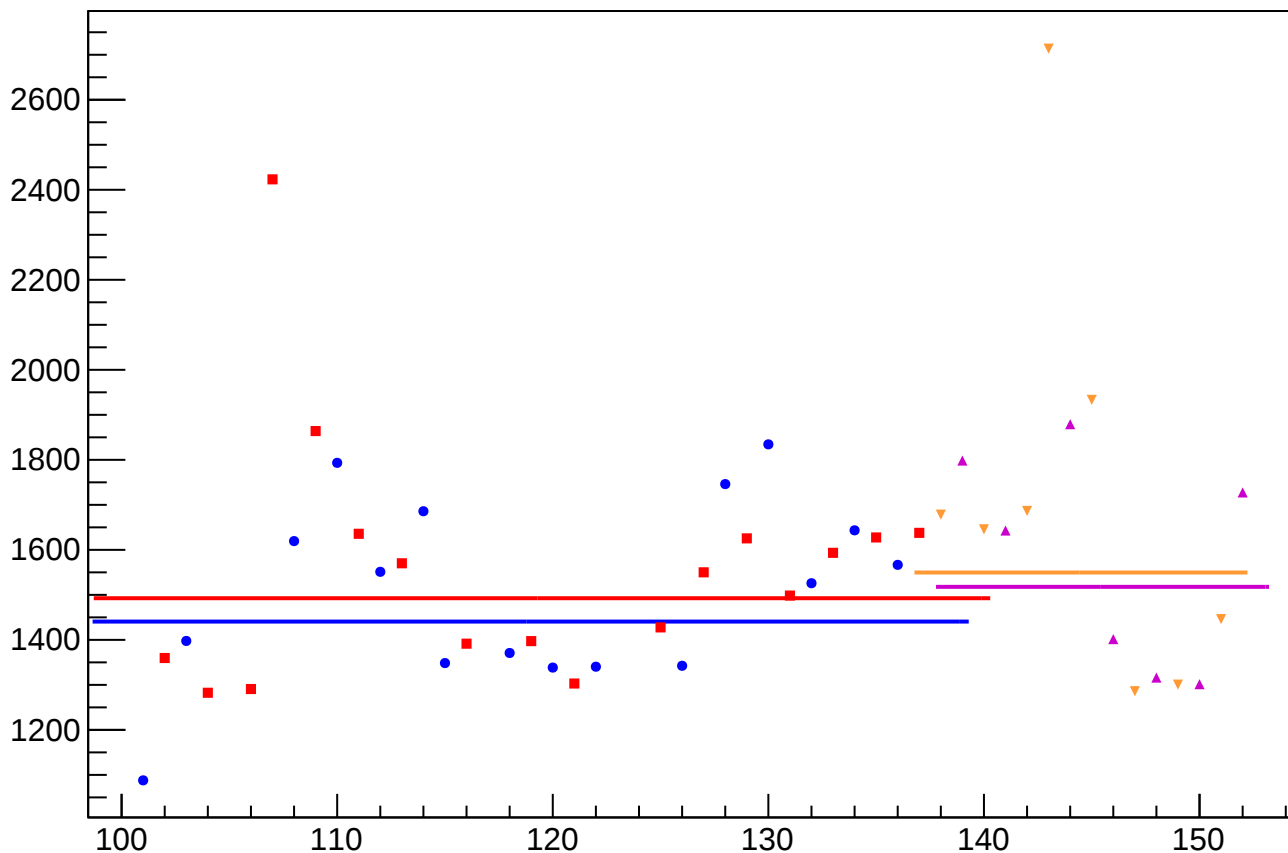
Right: 2539.780 ± 402.301 χ^2/NDF : 29.2/32

In: 2287.834 ± 422.456 χ^2/NDF : 18.6/22

Out: 1617.733 ± 431.163 χ^2/NDF : 22.2/24

All: 1959.618 ± 301.753 χ^2/NDF : 42.0/47

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: 1492.529 $\pm$ 0.406 χ^2/NDF : 251506.2/16

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

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

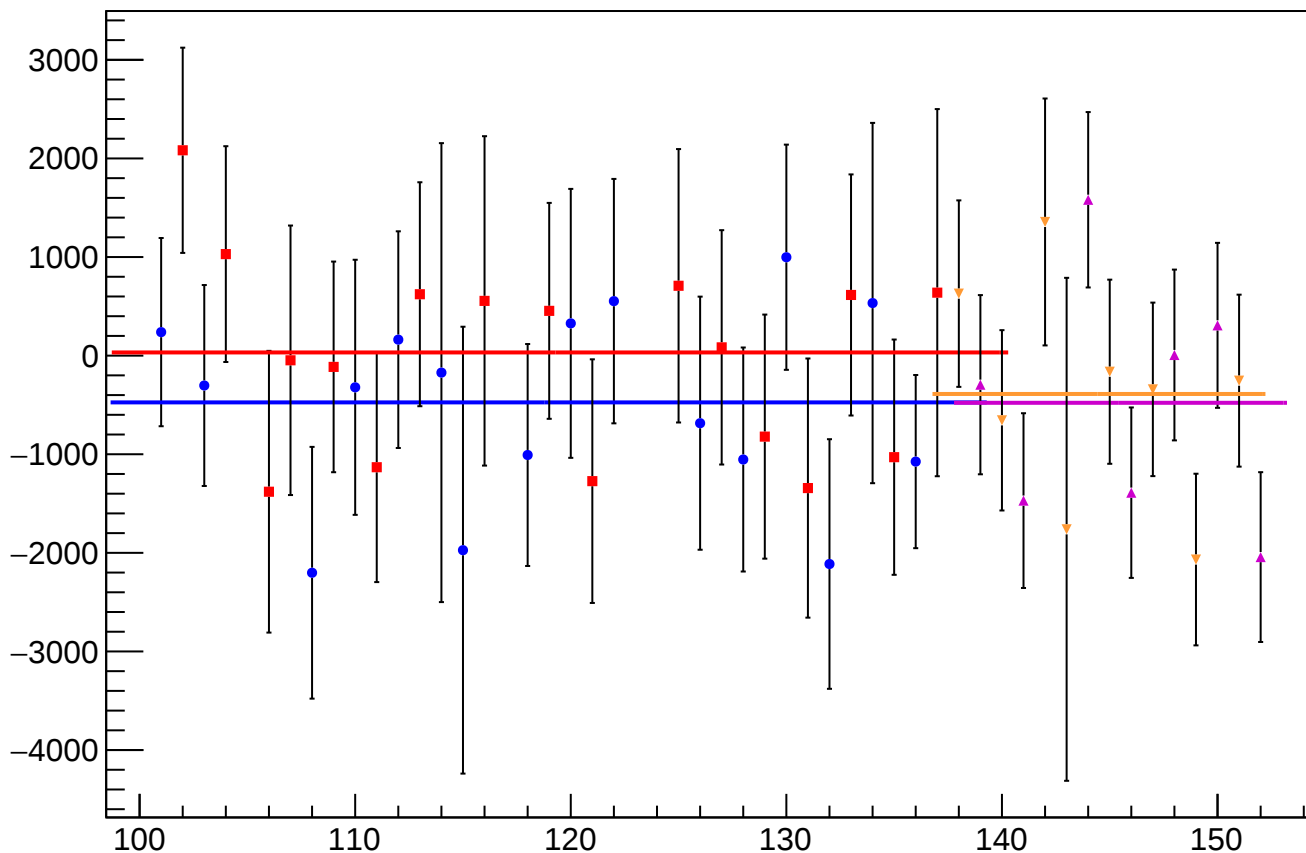
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

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

Out: 1517.377 $\pm$ 0.305 χ^2/NDF : 757178.4/24

All: 1495.550 $\pm$ 0.213 χ^2/NDF : 1298377.9/47

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

Left In: -478.279 $\pm$ 329.734 χ^2/NDF : 12.3/6

Left: -436.115 $\pm$ 239.889 χ^2/NDF : 19.6/14

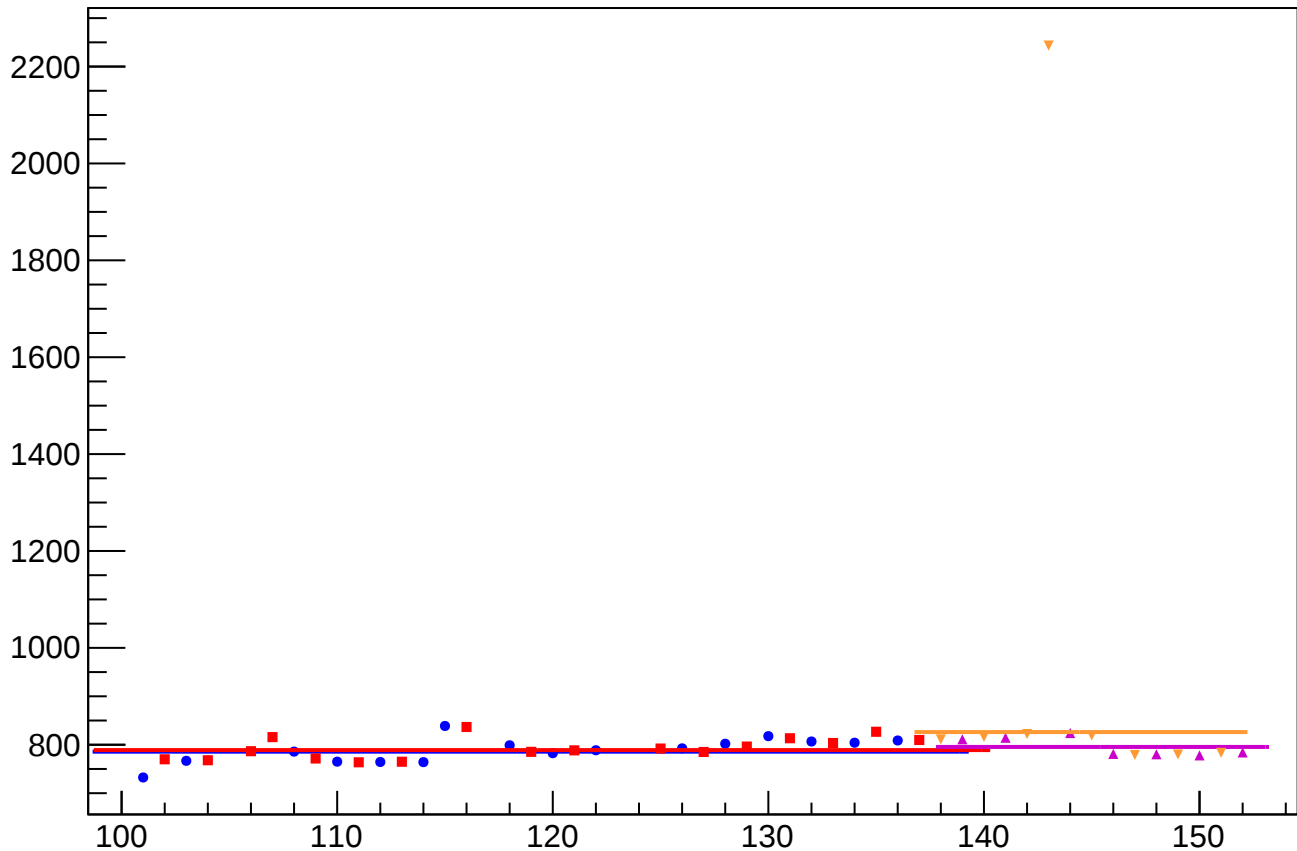
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -476.039 $\pm$ 223.471 χ^2/NDF : 21.1/22

Out: -145.856 $\pm$ 227.511 χ^2/NDF : 19.4/24

All: -313.905 $\pm$ 159.427 χ^2/NDF : 41.6/47

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

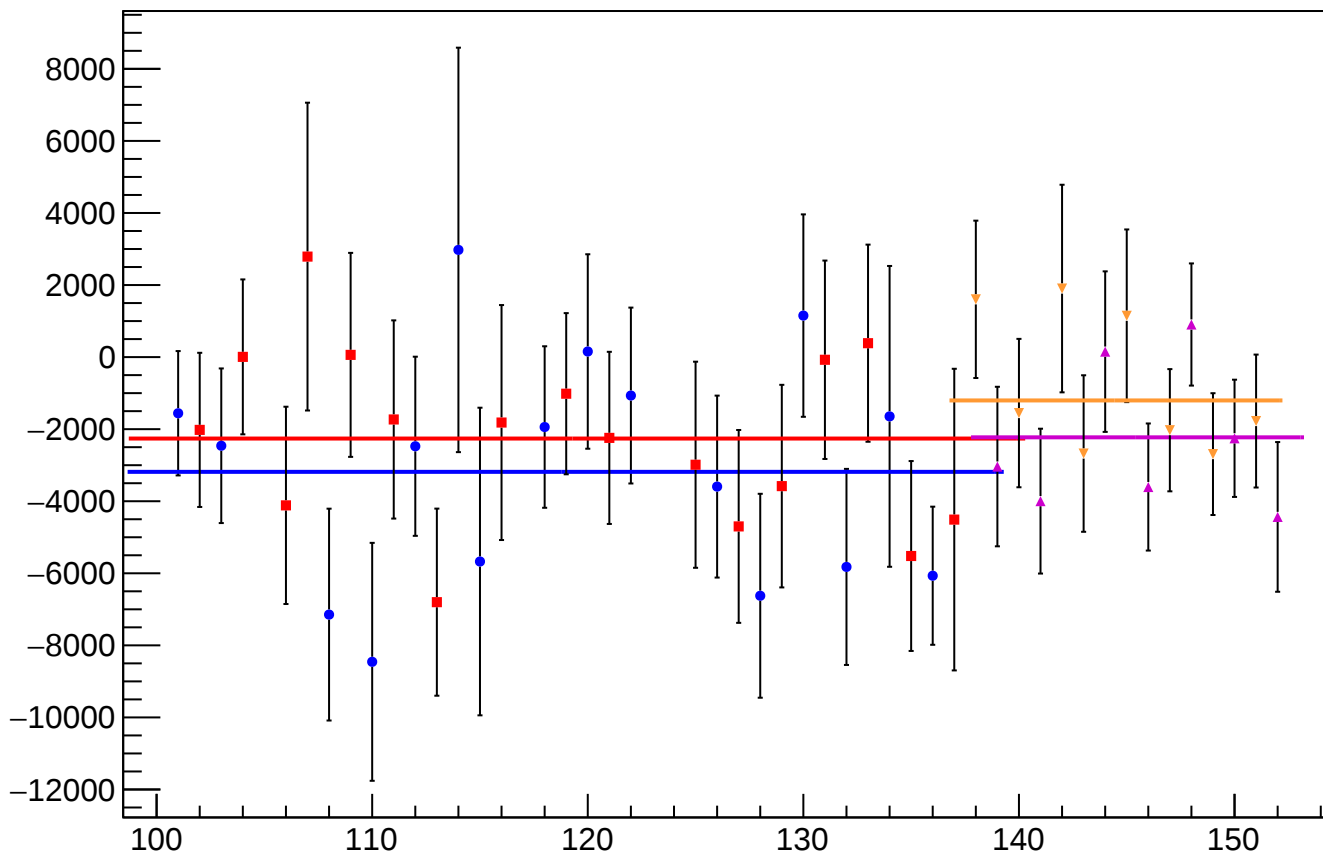
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

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

Out: 804.707 $\pm$ 0.161 χ^2 /NDF: 657231.3/24

All: 797.332 $\pm$ 0.113 χ^2 /NDF: 682194.8/47

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: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16

Left In: -2226.685 $\pm$ 719.432 χ^2 /NDF: 7.2/6

Left: -1713.117 $\pm$ 507.946 χ^2 /NDF: 13.6/14

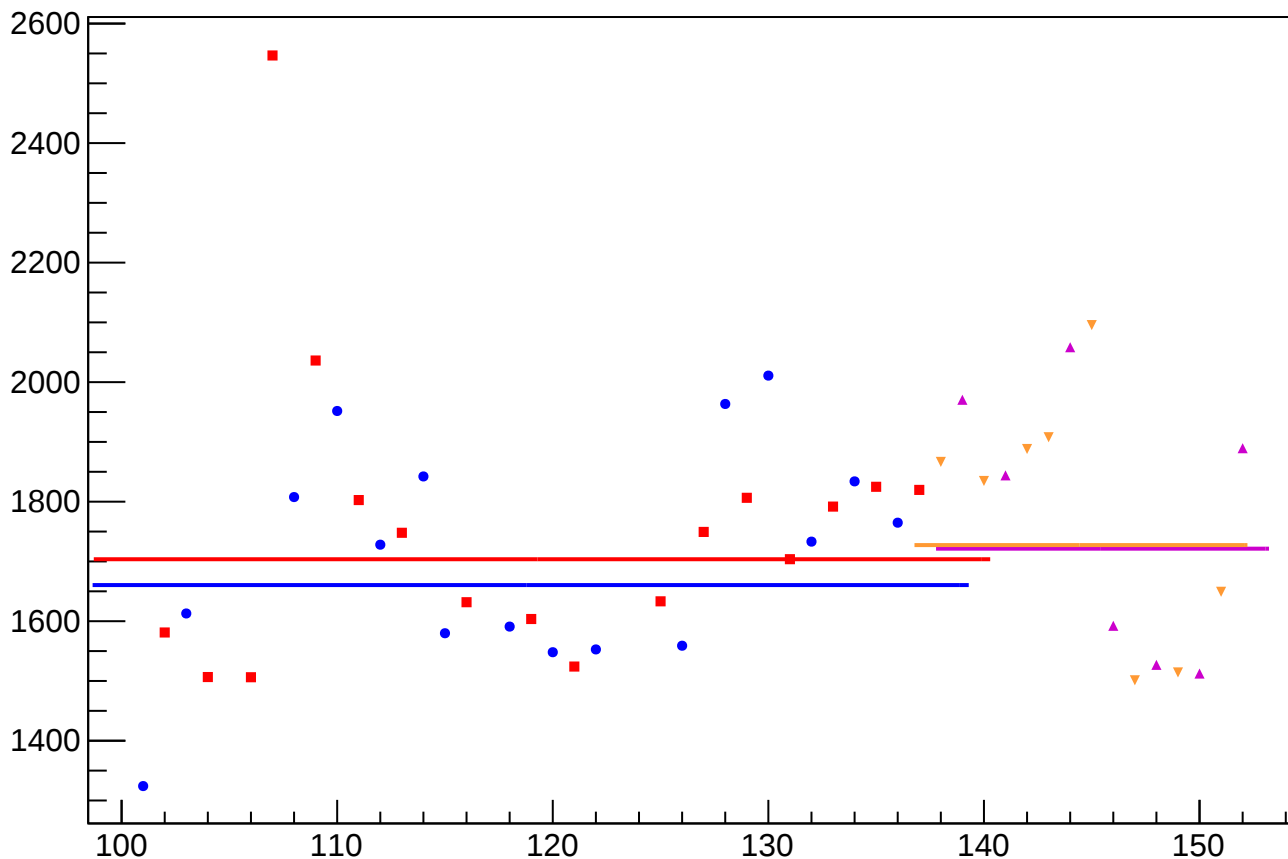
Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32

In: -2755.970 $\pm$ 481.222 χ^2 /NDF: 25.0/22

Out: -1781.769 $\pm$ 482.442 χ^2 /NDF: 18.1/24

All: -2270.103 $\pm$ 340.706 χ^2 /NDF: 45.2/47

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

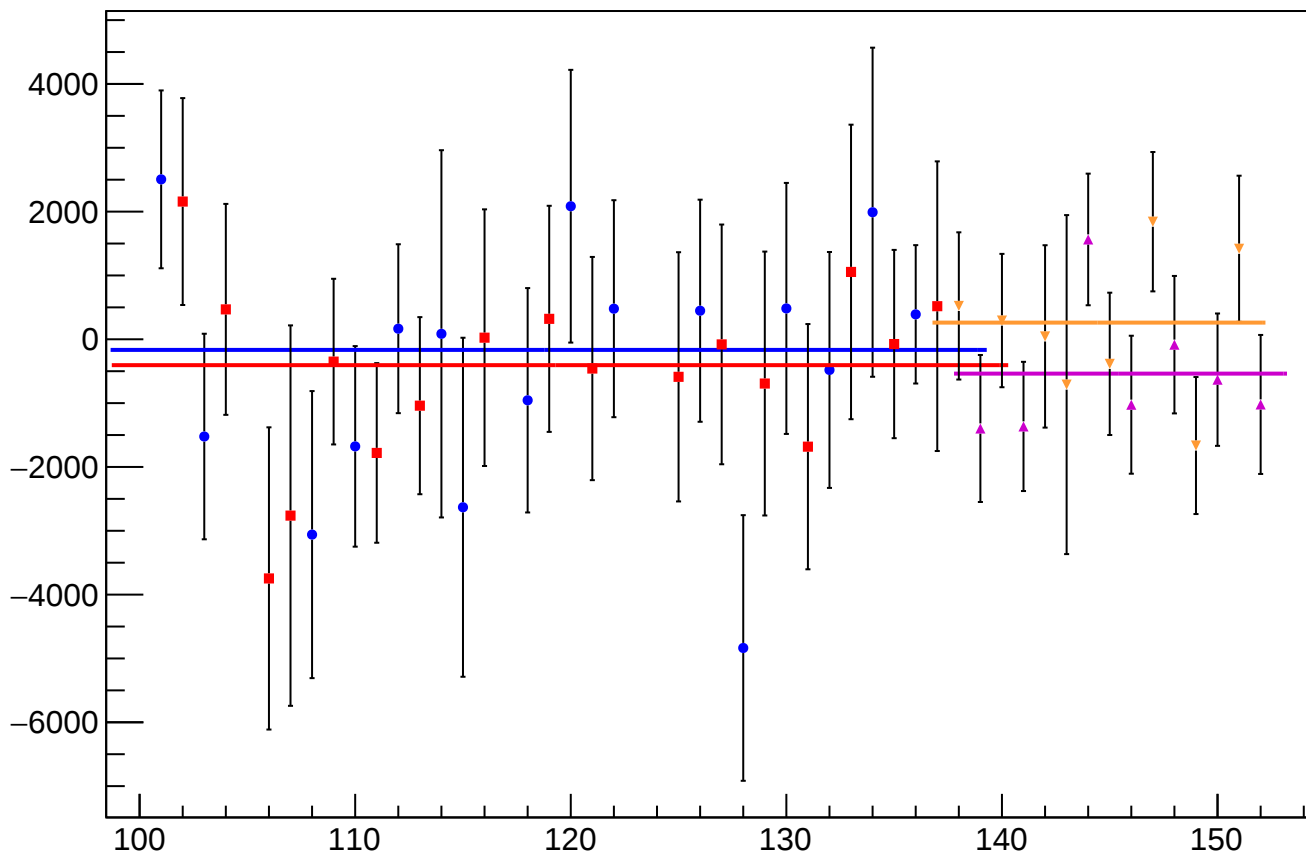
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

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

Out: 1714.394 $\pm$ 0.341 χ^2 /NDF: 323976.5/24

All: 1701.019 $\pm$ 0.241 χ^2 /NDF: 675826.1/47

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: -405.286 ± 428.618 $\chi^2/\text{NDF}: 7.9/16$

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

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

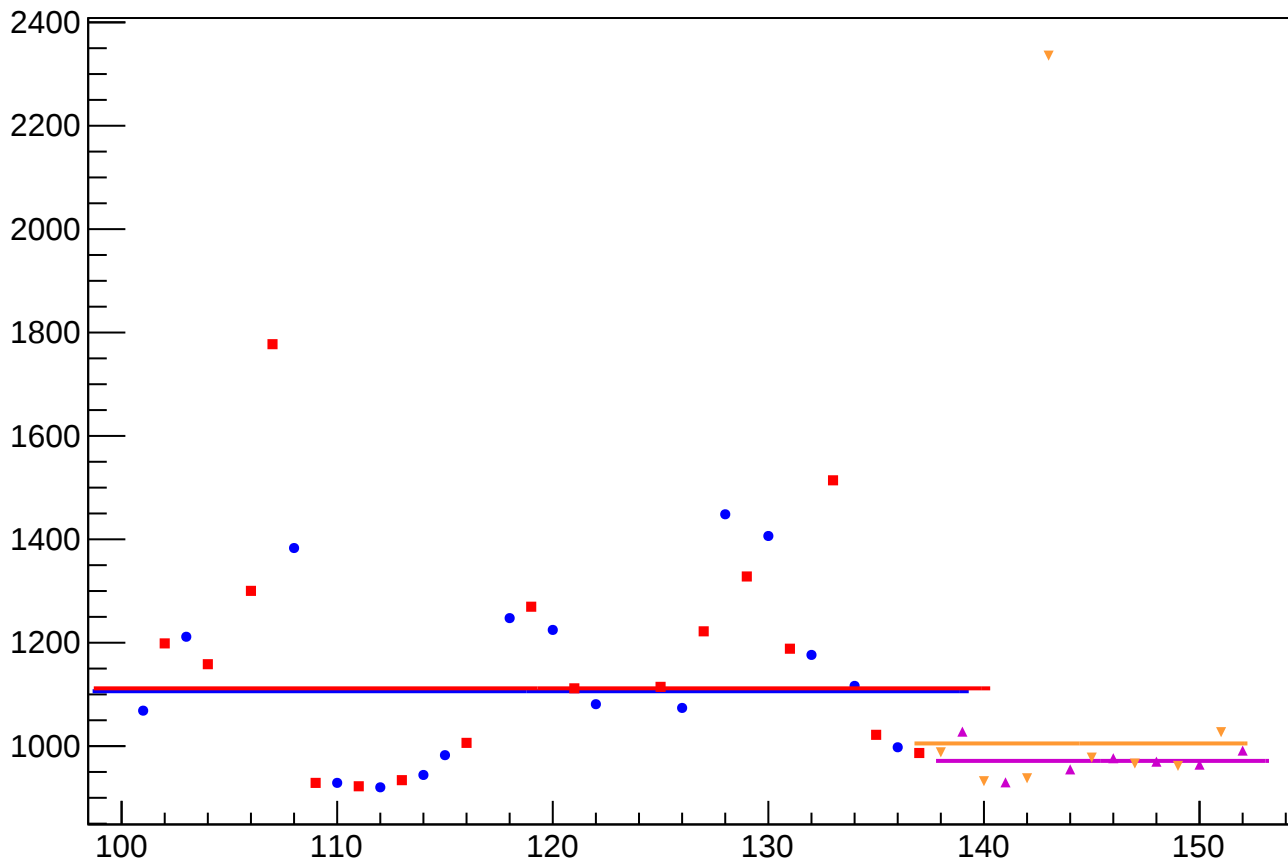
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

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

Out: -68.008 ± 301.254 $\chi^2/\text{NDF}: 16.0/24$

All: -219.911 ± 210.707 $\chi^2/\text{NDF}: 38.5/47$

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

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

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

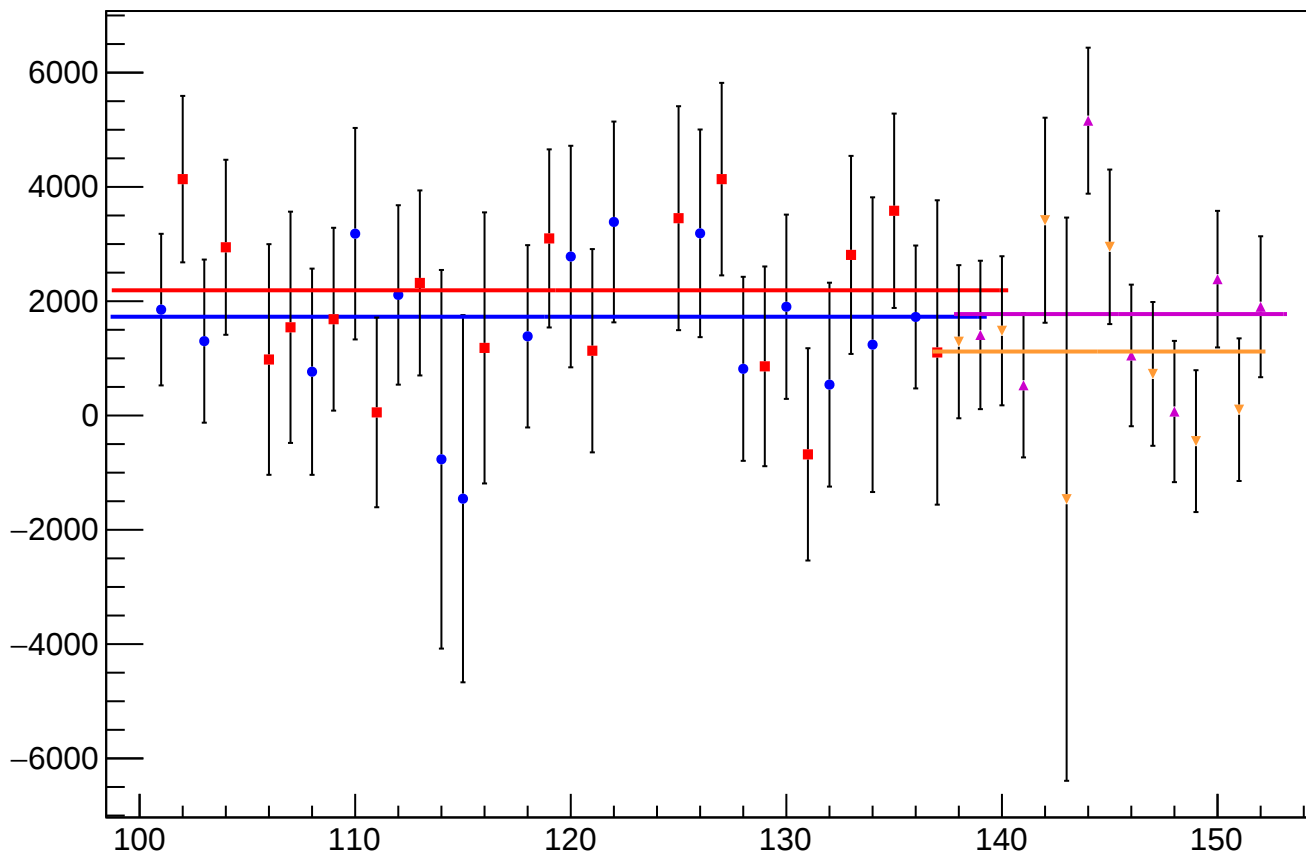
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

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

Out: 1057.801+/-0.213 χ^2/NDF : 943459.3/24

All: 1045.627+/-0.149 χ^2/NDF : 1323210.7/47

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: 2190.971 $\pm$ 427.222 χ^2/NDF : 10.8/16

Left In: 1775.070 $\pm$ 471.543 χ^2/NDF : 10.6/6

Left: 1467.867 $\pm$ 343.721 χ^2/NDF : 17.7/14

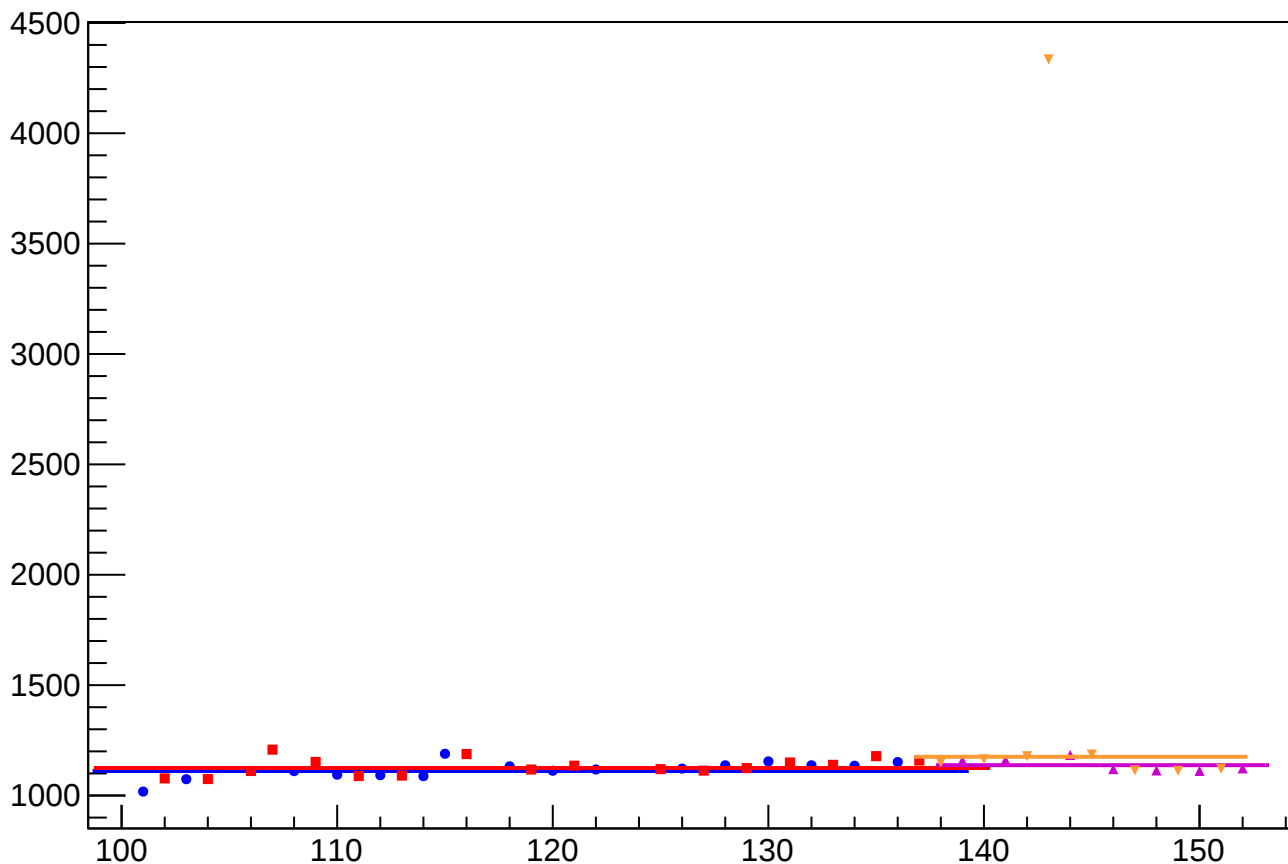
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1749.613 $\pm$ 317.650 χ^2/NDF : 15.9/22

Out: 1741.027 $\pm$ 325.372 χ^2/NDF : 19.6/24

All: 1745.423 $\pm$ 227.294 χ^2/NDF : 35.5/47

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1175.476 ± 0.355 χ^2/NDF : 836732.4/7

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

Left In: 1137.465 ± 0.333 χ^2/NDF : 6194.4/6

Left: 1155.279 ± 0.243 χ^2/NDF : 849017.3/14

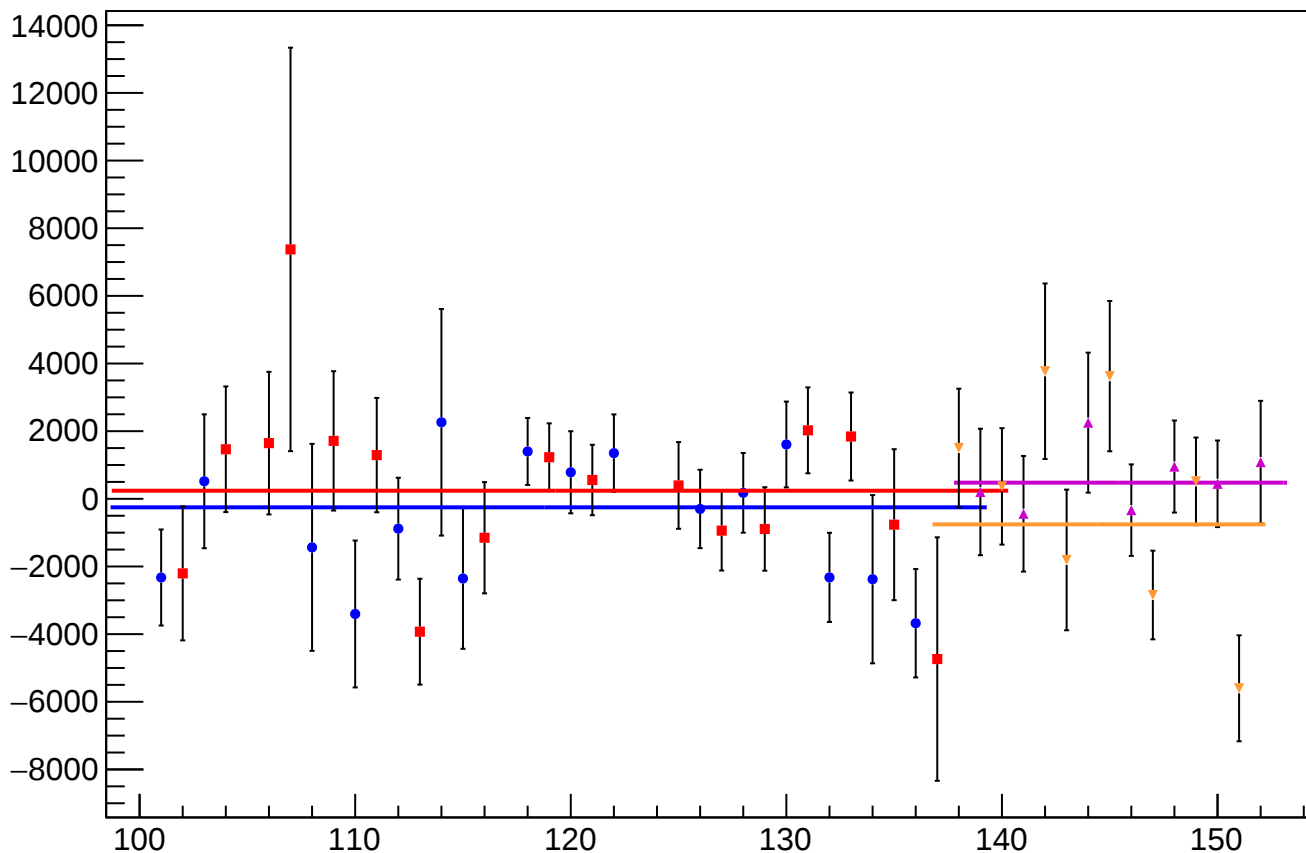
Right: 1117.819 ± 0.214 χ^2/NDF : 33680.2/32

In: 1123.033 ± 0.225 χ^2/NDF : 27715.5/22

Out: 1145.916 ± 0.230 χ^2/NDF : 863284.4/24

All: 1134.200 ± 0.161 χ^2/NDF : 896065.0/47

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: 239.863+/-363.842 χ^2/NDF : 21.1/16

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

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

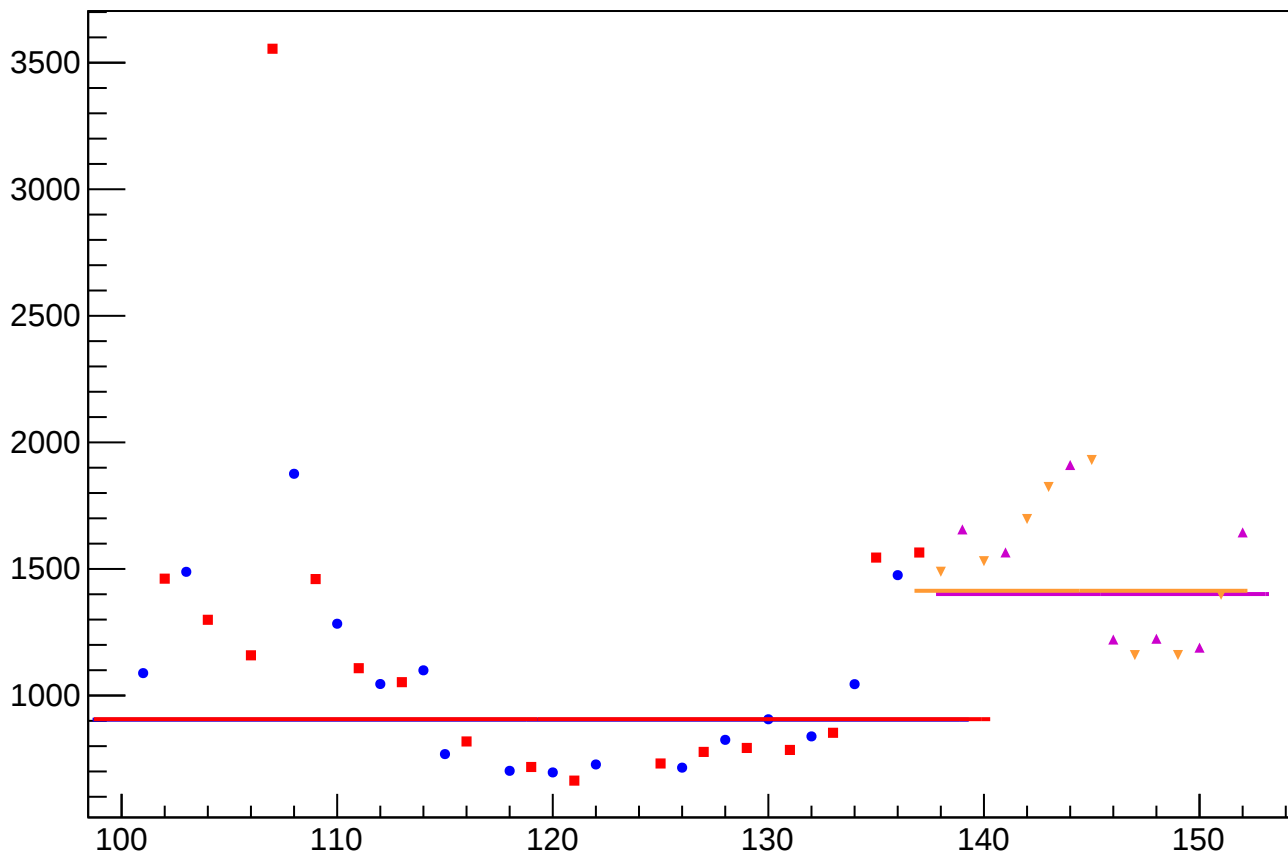
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

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

Out: -31.521+/-310.306 χ^2/NDF : 45.5/24

All: -40.813+/-219.490 χ^2/NDF : 70.0/47

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1413.765+/-0.420 χ^2/NDF :374965.2/7

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

Left In: 1400.883+/-0.418 χ^2/NDF :336975.0/6

Left: 1407.287+/-0.296 χ^2/NDF : 712412.7/14

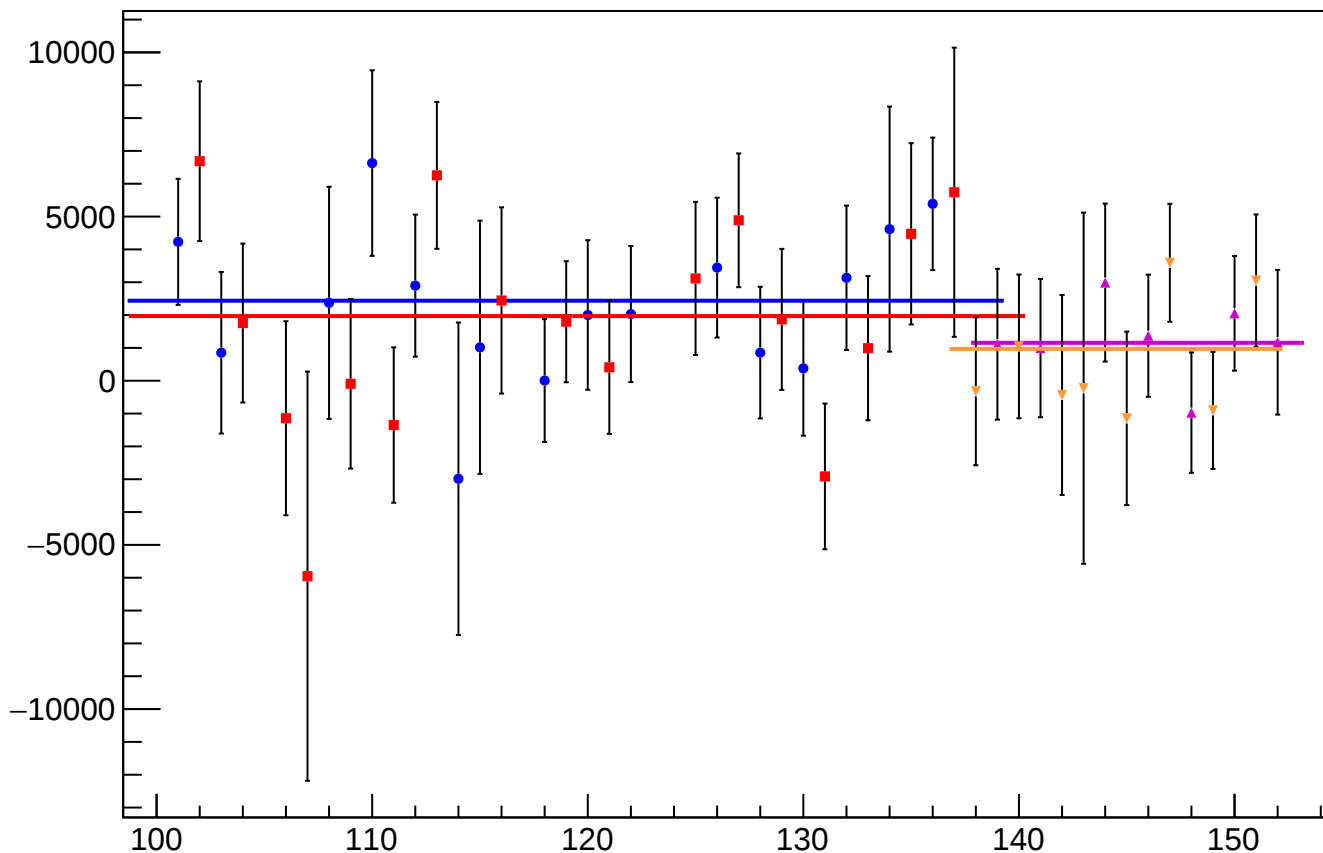
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1041.547+/-0.220 χ^2/NDF :2379702.1/22

Out: 1044.865+/-0.219 χ^2/NDF :2810510.5/24

All: 1043.207+/-0.155 χ^2/NDF : 5190326.8/47

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 969.960+/-799.888 χ^2/NDF : 5.5/7

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1154.799+/-765.293 χ^2/NDF : 2.2/6

Left: 1066.463+/-552.970 χ^2/NDF : 7.8/14

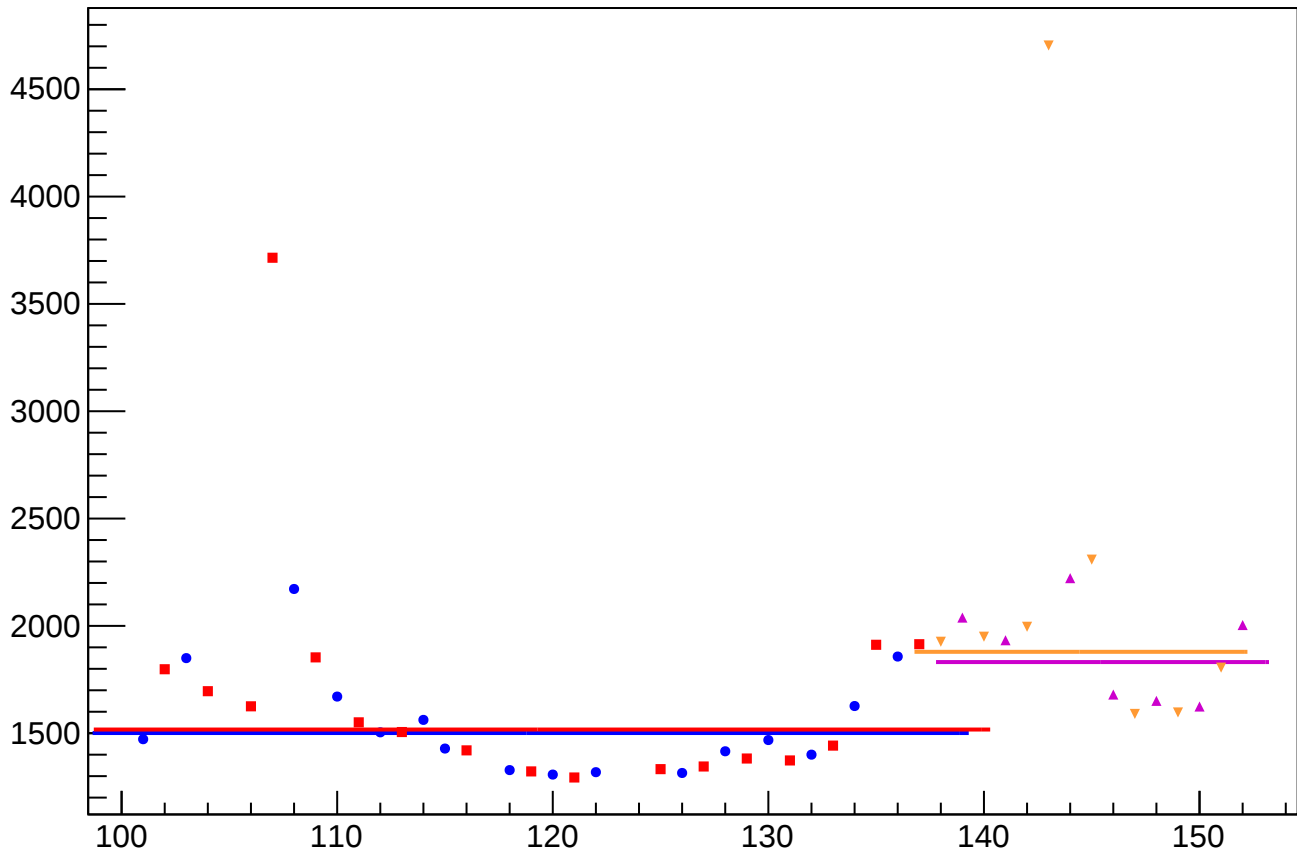
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 1963.168+/-465.382 χ^2/NDF : 15.1/22

Out: 1620.503+/-473.066 χ^2/NDF : 28.8/24

All: 1794.641+/-331.758 χ^2/NDF : 44.3/47

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: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1831.428+/-0.541 χ^2/NDF : 146732.7/6

Left: 1854.246+/-0.391 χ^2/NDF : 871943.2/14

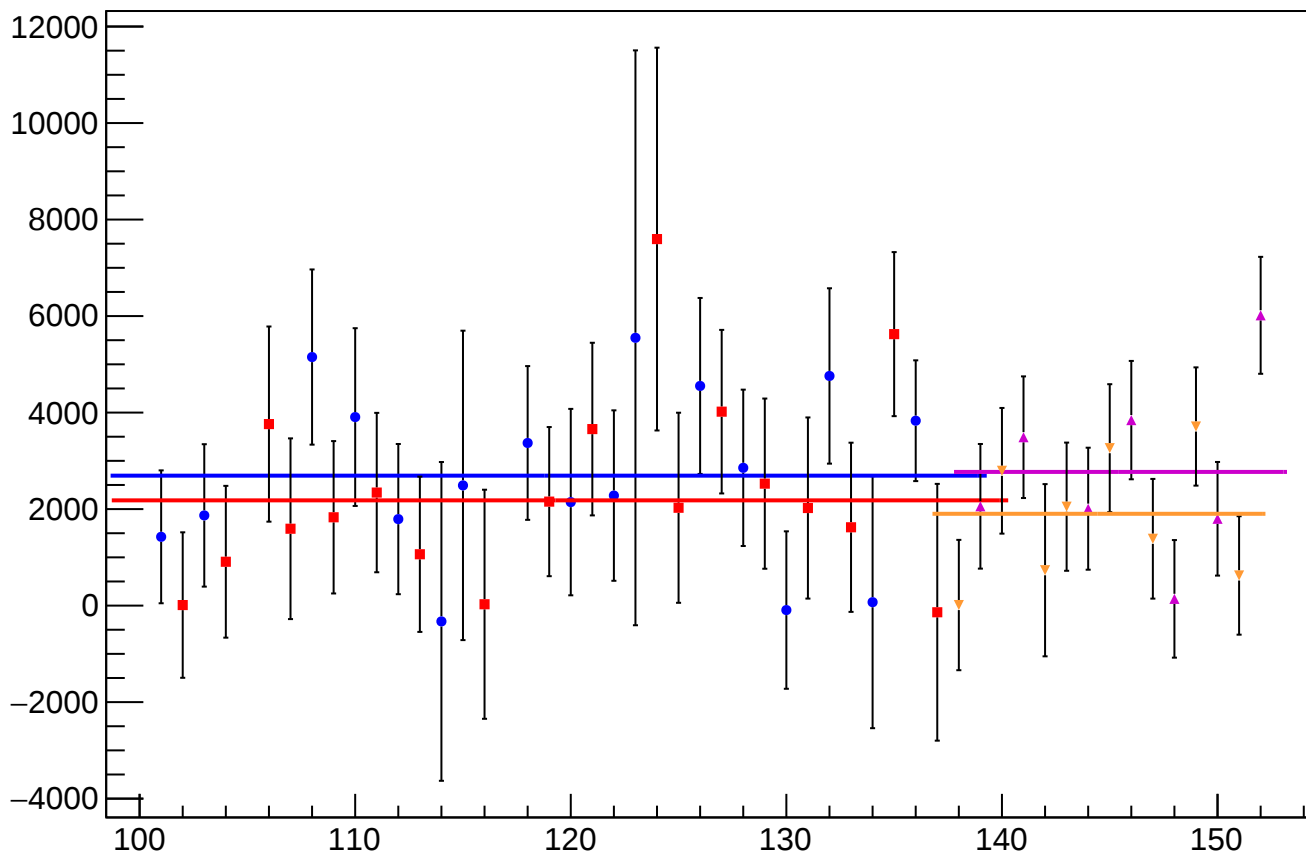
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1623.084+/-0.329 χ^2/NDF : 638170.9/22

Out: 1643.756+/-0.335 χ^2/NDF : 1462967.6/24

All: 1633.251+/-0.235 χ^2/NDF : 2103079.5/47

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

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

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

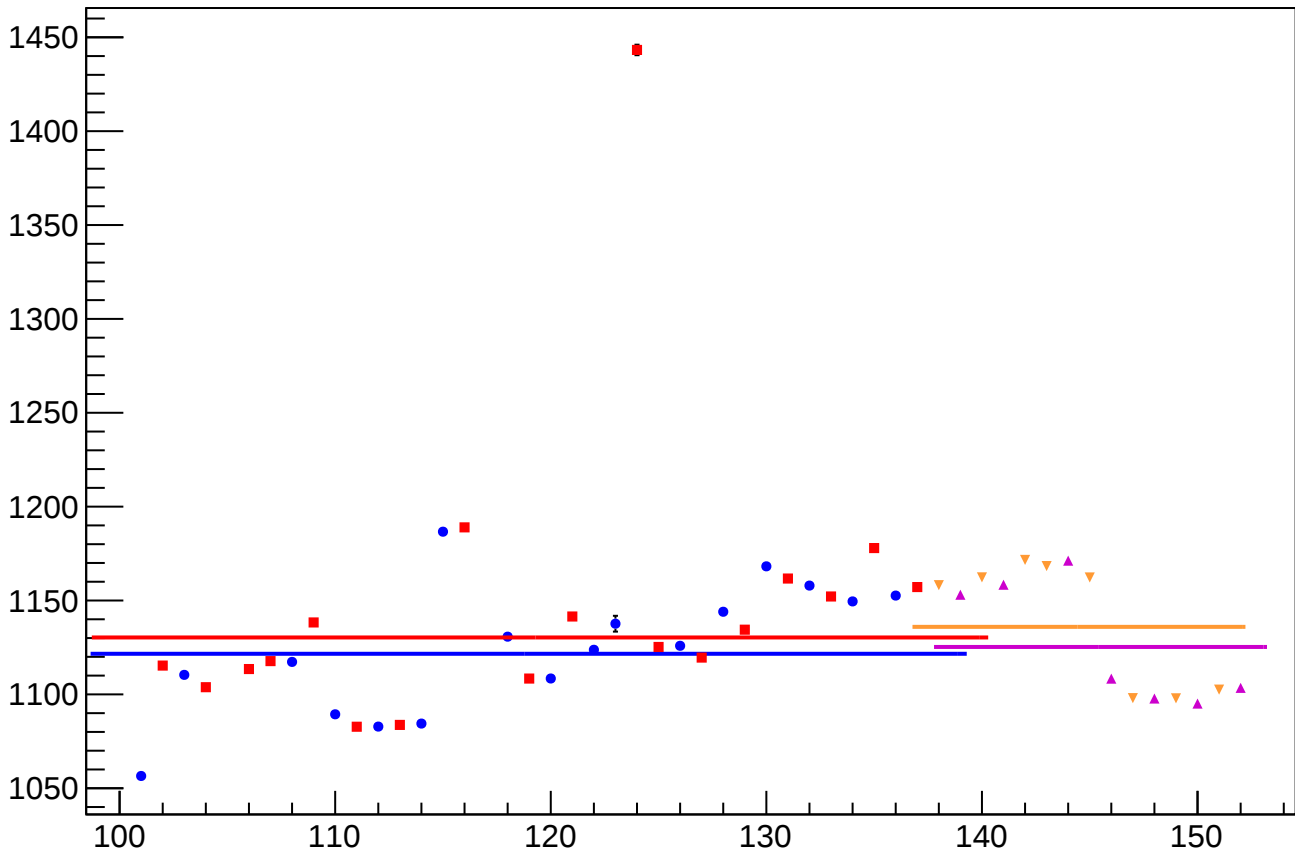
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

Out: 2054.985 $\pm$ 314.769 χ^2 /NDF: 21.1/25

All: 2389.291 $\pm$ 223.431 χ^2 /NDF: 49.9/49

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: 1130.316 $\pm$ 0.301 χ^2/NDF : 21276.1/17

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

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

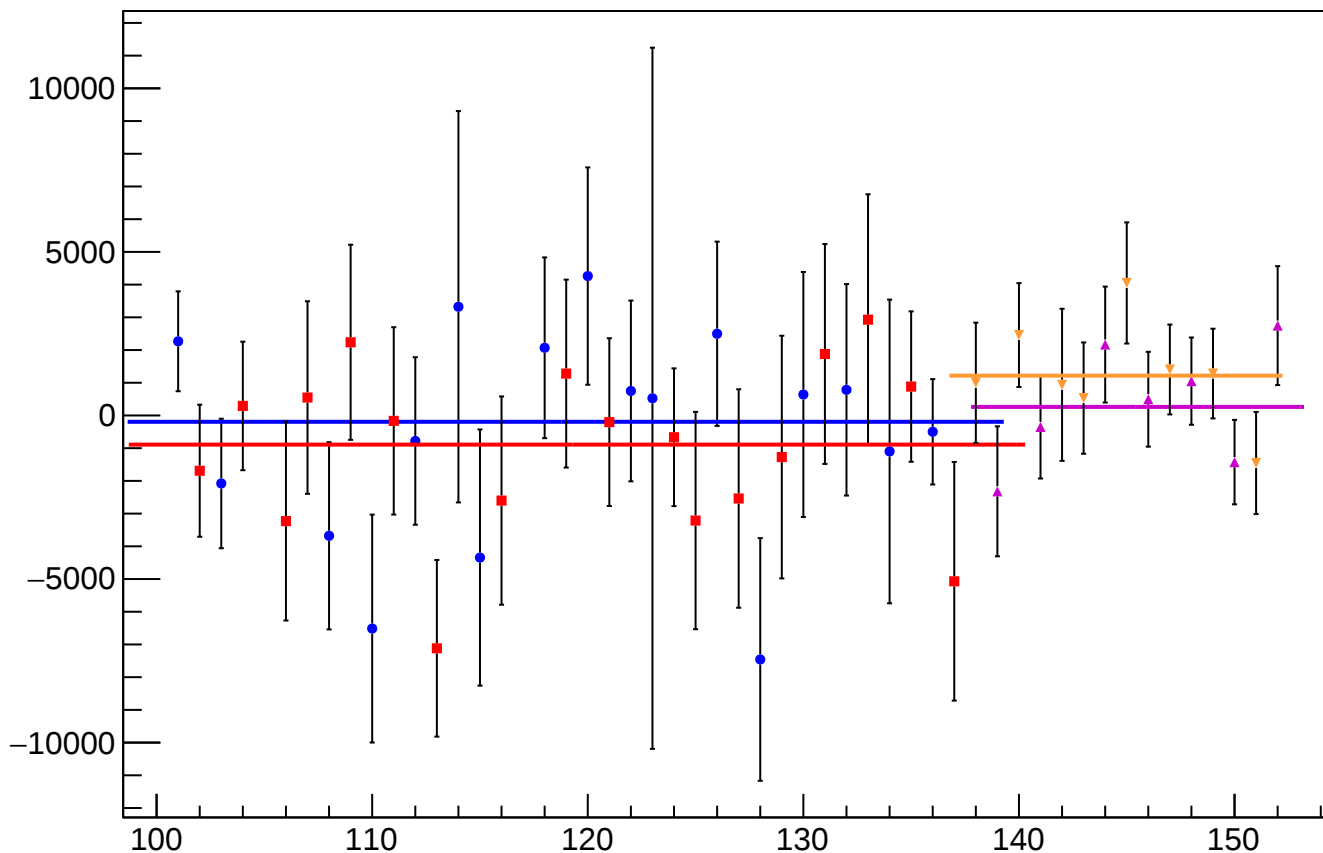
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

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

Out: 1132.875 $\pm$ 0.223 χ^2/NDF :30860.2/25

All: 1128.128 $\pm$ 0.158 χ^2/NDF : 52131.3/49

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

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

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

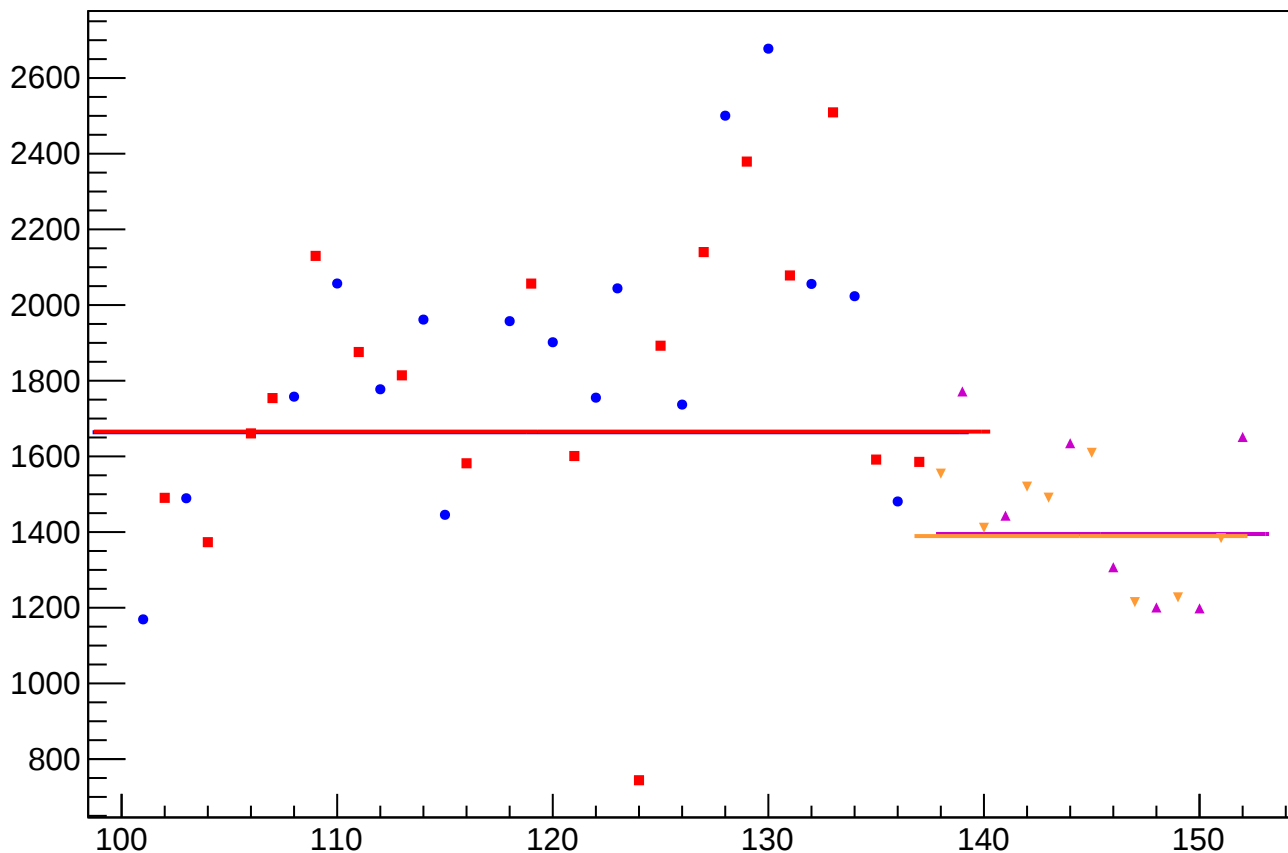
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

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

Out: 284.569+/-431.990 χ^2/NDF : 25.1/25

All: 174.509+/-307.631 χ^2/NDF : 49.8/49

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

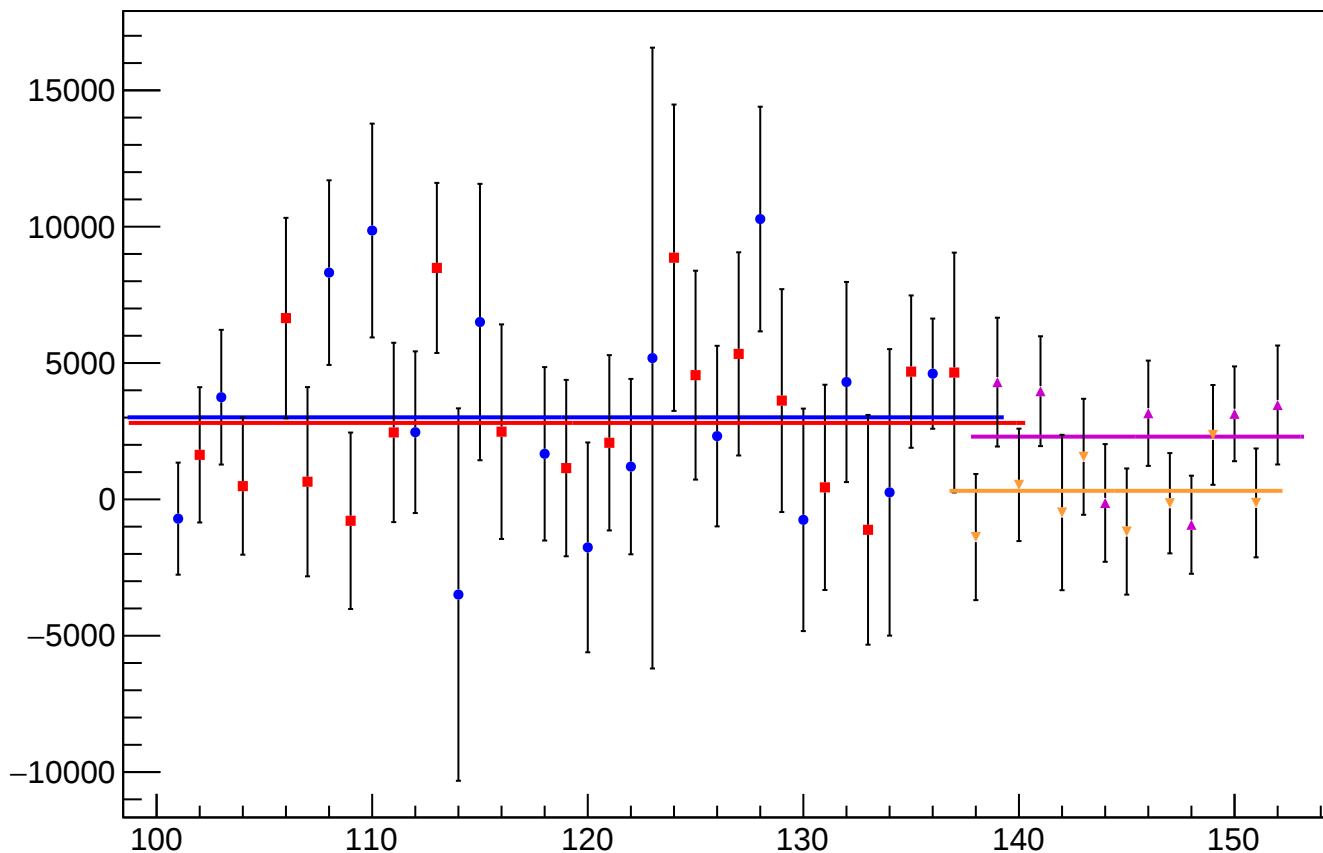
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

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

Out: 1511.569 $\pm$ 0.305 χ^2 /NDF:1122670.8/25

All: 1512.414 $\pm$ 0.218 χ^2 /NDF: 2177155.5/49

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: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 2300.897+/-753.997 χ^2/NDF : 6.6/6

Left: 1296.279+/-530.151 χ^2/NDF : 12.9/14

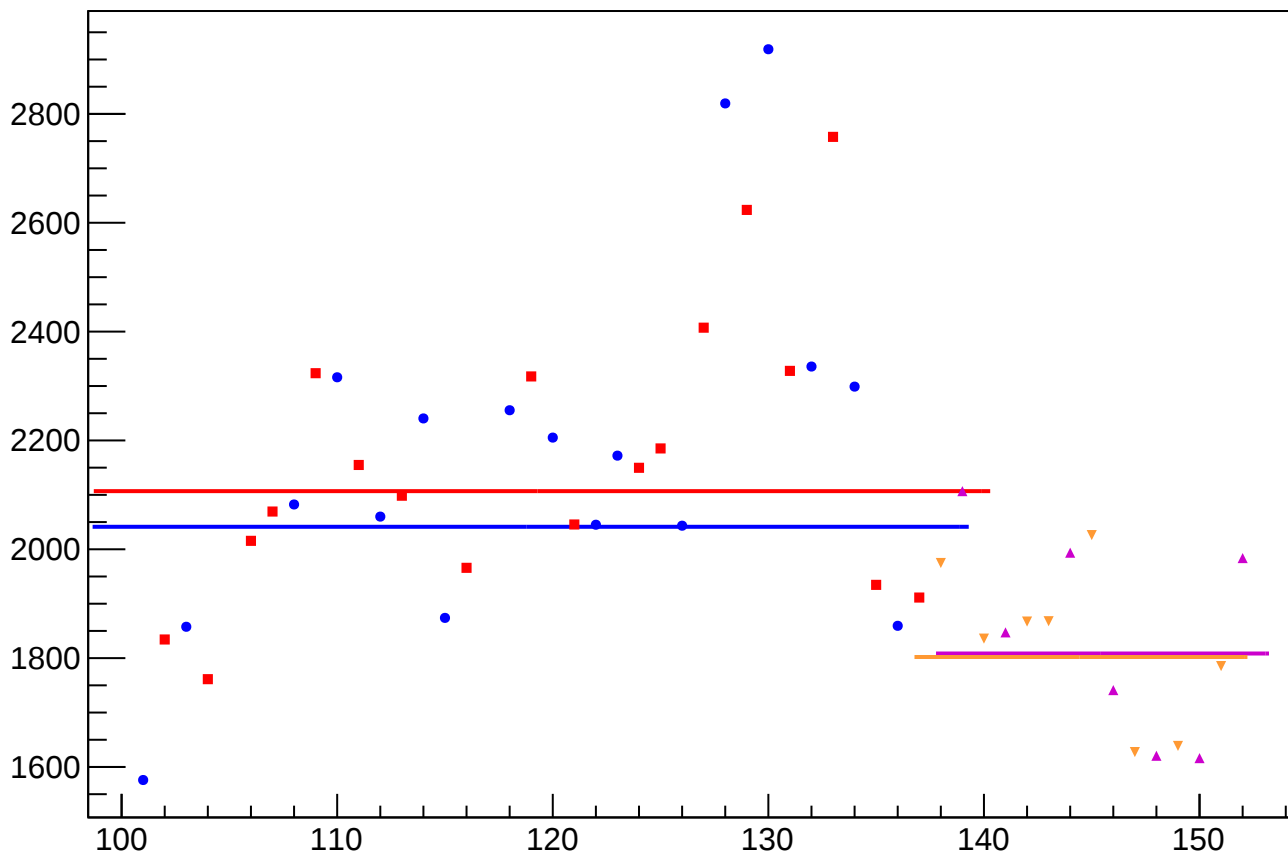
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2634.250+/-548.585 χ^2/NDF : 24.4/23

Out: 1472.036+/-545.295 χ^2/NDF : 19.1/25

All: 2049.647+/-386.740 χ^2/NDF : 45.8/49

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348+/-0.565 χ^2/NDF : 338436.8/16

Left Out: 1802.063+/-0.527 χ^2/NDF : 67539.4/7

Right Out: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1808.490+/-0.533 χ^2/NDF : 109001.2/6

Left: 1805.240+/-0.375 χ^2/NDF : 176614.1/14

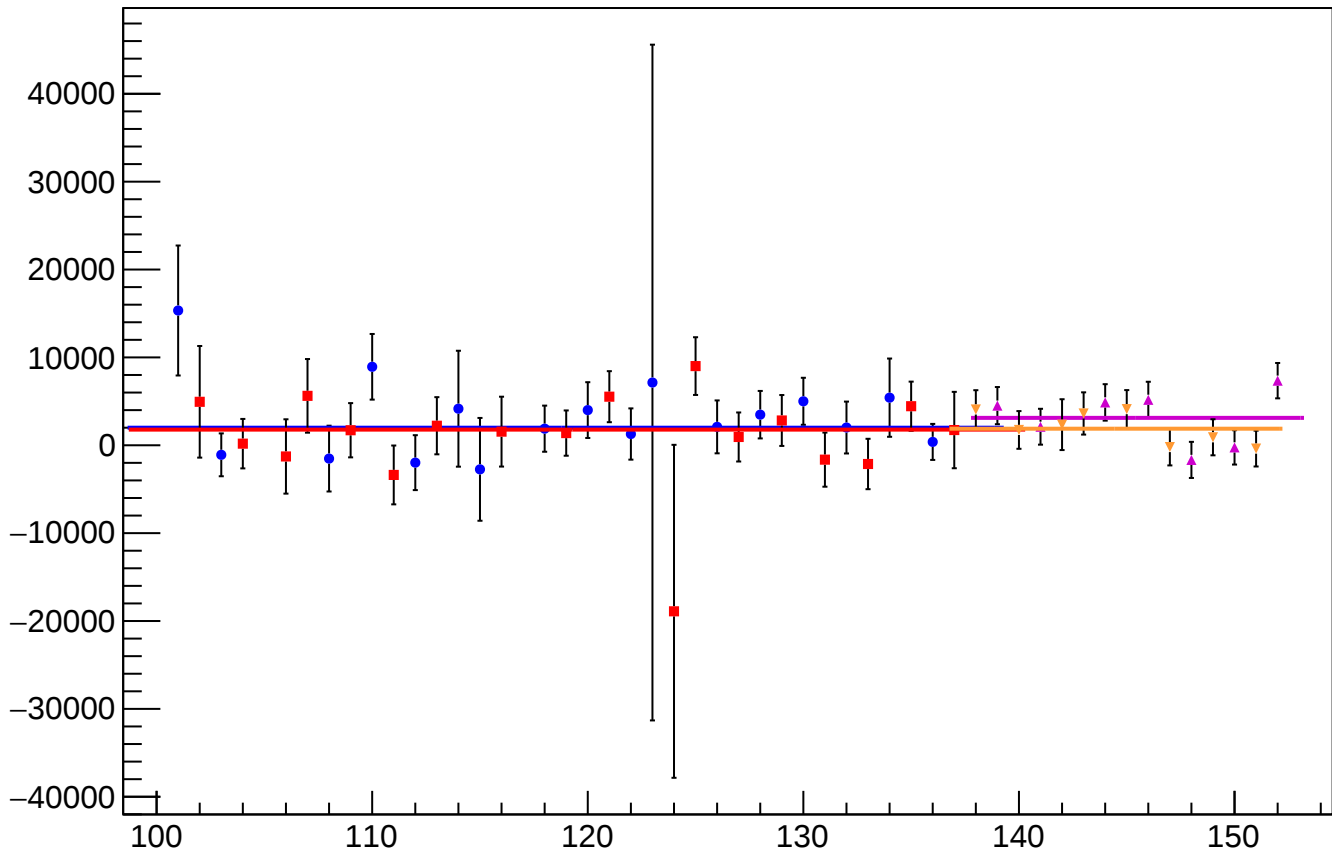
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1918.083+/-0.388 χ^2/NDF : 537215.2/23

Out: 1943.811+/-0.386 χ^2/NDF : 419700.0/25

All: 1931.025+/-0.273 χ^2/NDF : 959127.9/49

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 1886.346 $\pm$ 781.212 χ^2 /NDF:5.1/7

Right Out: 1781.823 $\pm$ 781.836 χ^2 /NDF: 16.3/17

Left In: 3119.486 $\pm$ 771.797 χ^2 /NDF:15.2/6

Left: 2510.392 $\pm$ 549.041 χ^2 /NDF: 21.5/14

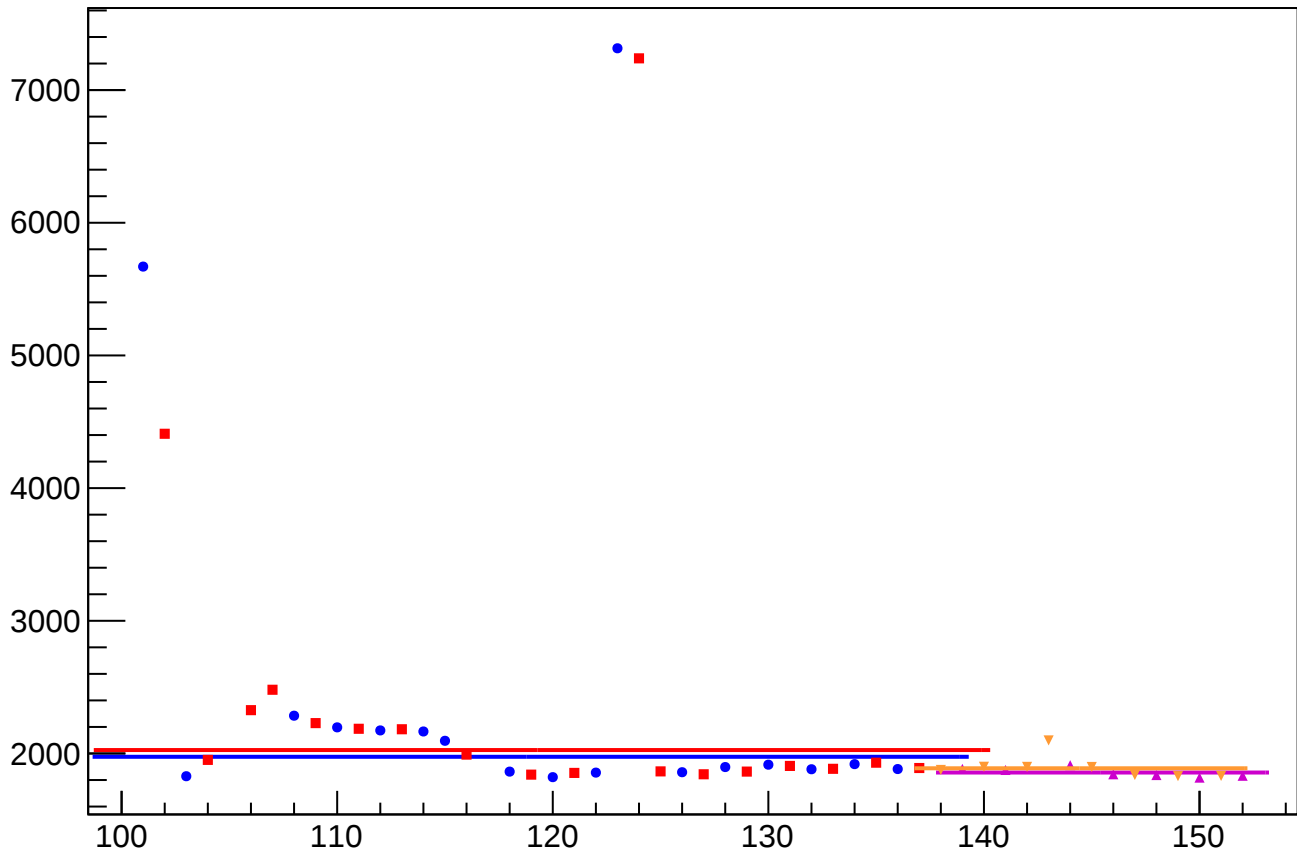
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2566.766 $\pm$ 549.180 χ^2 /NDF:31.1/23

Out: 1834.126 $\pm$ 552.621 χ^2 /NDF:21.3/25

All: 2202.734 $\pm$ 389.540 χ^2 /NDF: 53.3/49

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

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

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

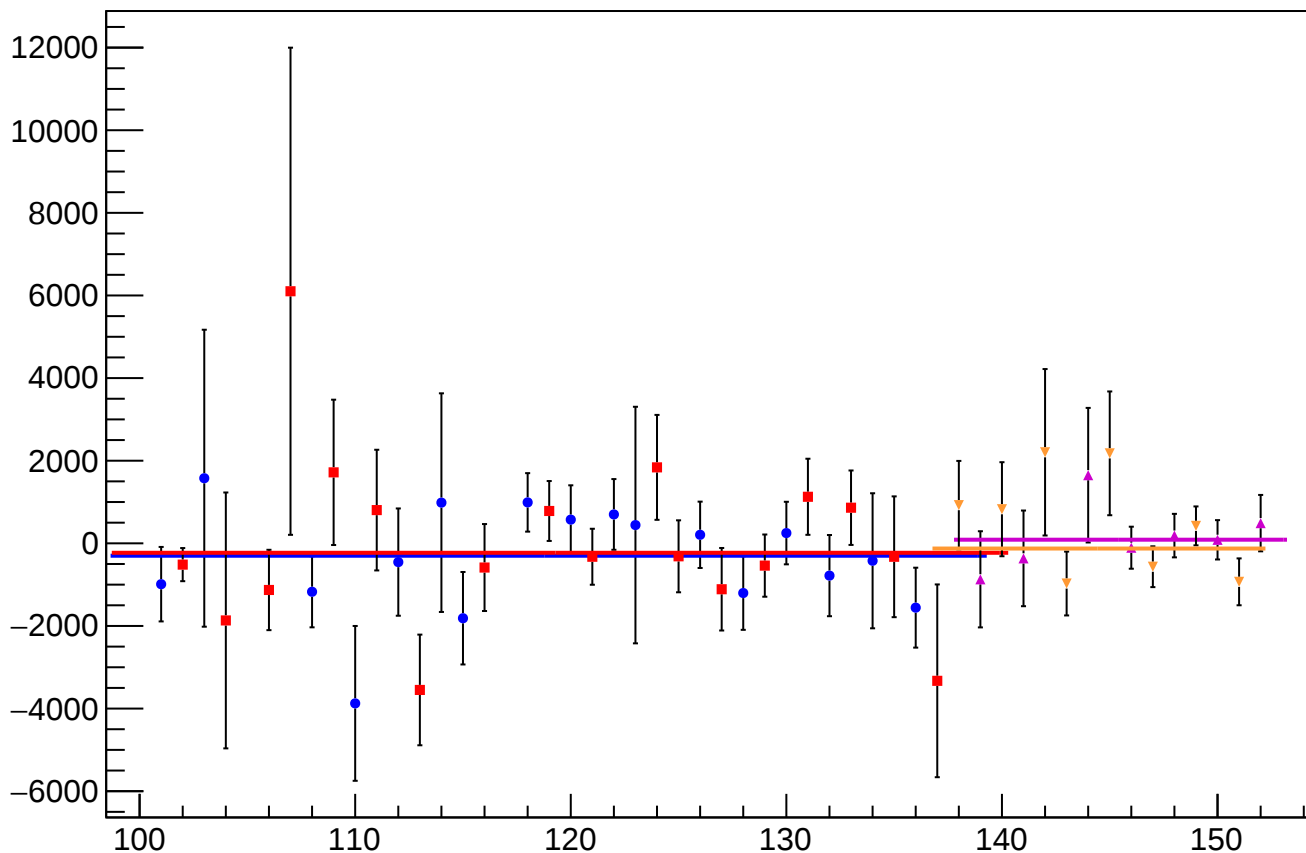
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

Out: 1957.116+/-0.391 χ^2/NDF :586211.4/25

All: 1935.946+/-0.275 χ^2/NDF : 1218460.2/49

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -125.886+/-252.178 χ^2/NDF : 10.7/7

Right Out: -228.794+/-215.624 χ^2/NDF : 21.8/17

Left In: 87.944+/-250.897 χ^2/NDF : 2.3/6

Left: -18.426+/-177.862 χ^2/NDF : 13.4/14

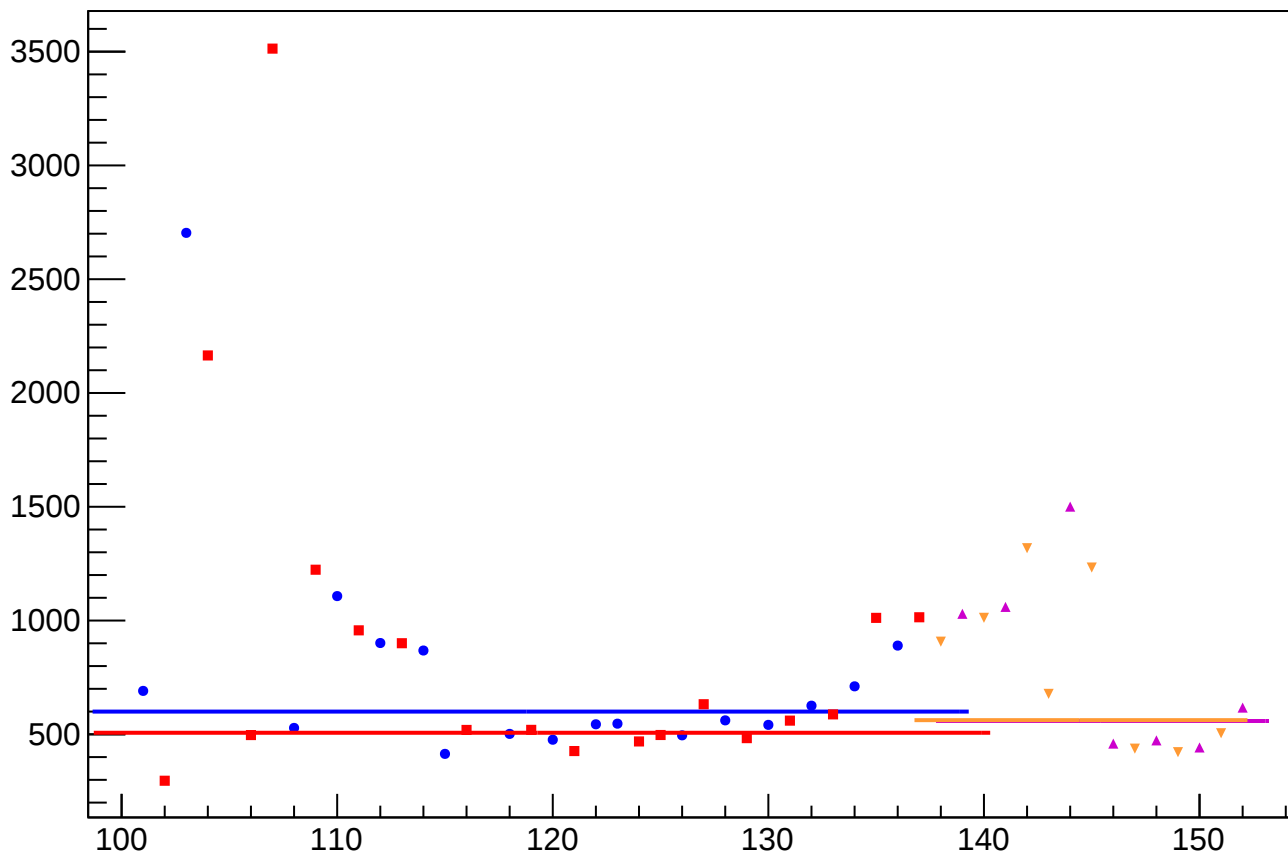
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -109.361+/-175.877 χ^2/NDF : 20.8/23

Out: -185.332+/-163.884 χ^2/NDF : 32.6/25

All: -150.025+/-119.899 χ^2/NDF : 53.5/49

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

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

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

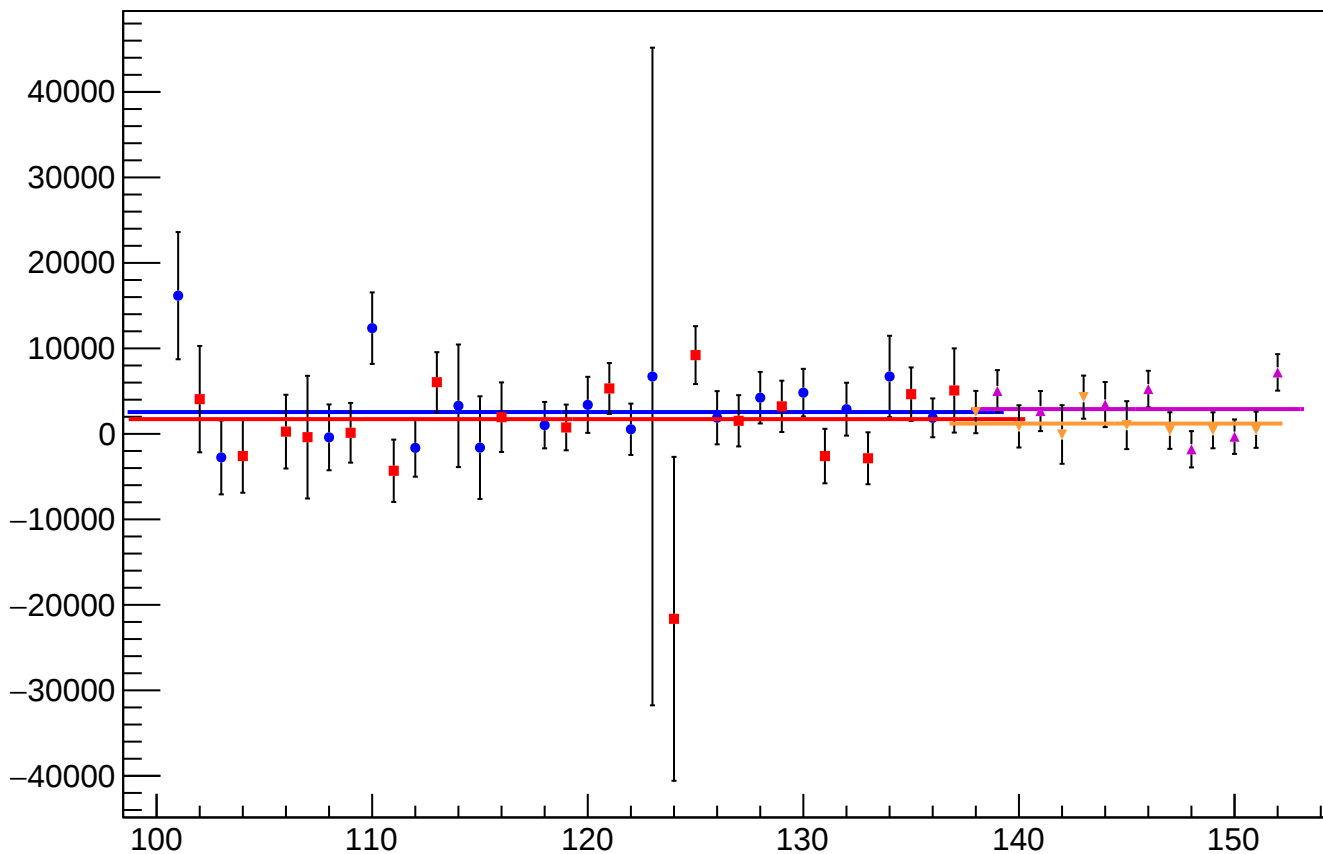
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

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

Out: 530.282+/-0.116 χ^2/NDF :4390964.7/25

All: 553.216+/-0.085 χ^2/NDF : 7518294.6/49

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

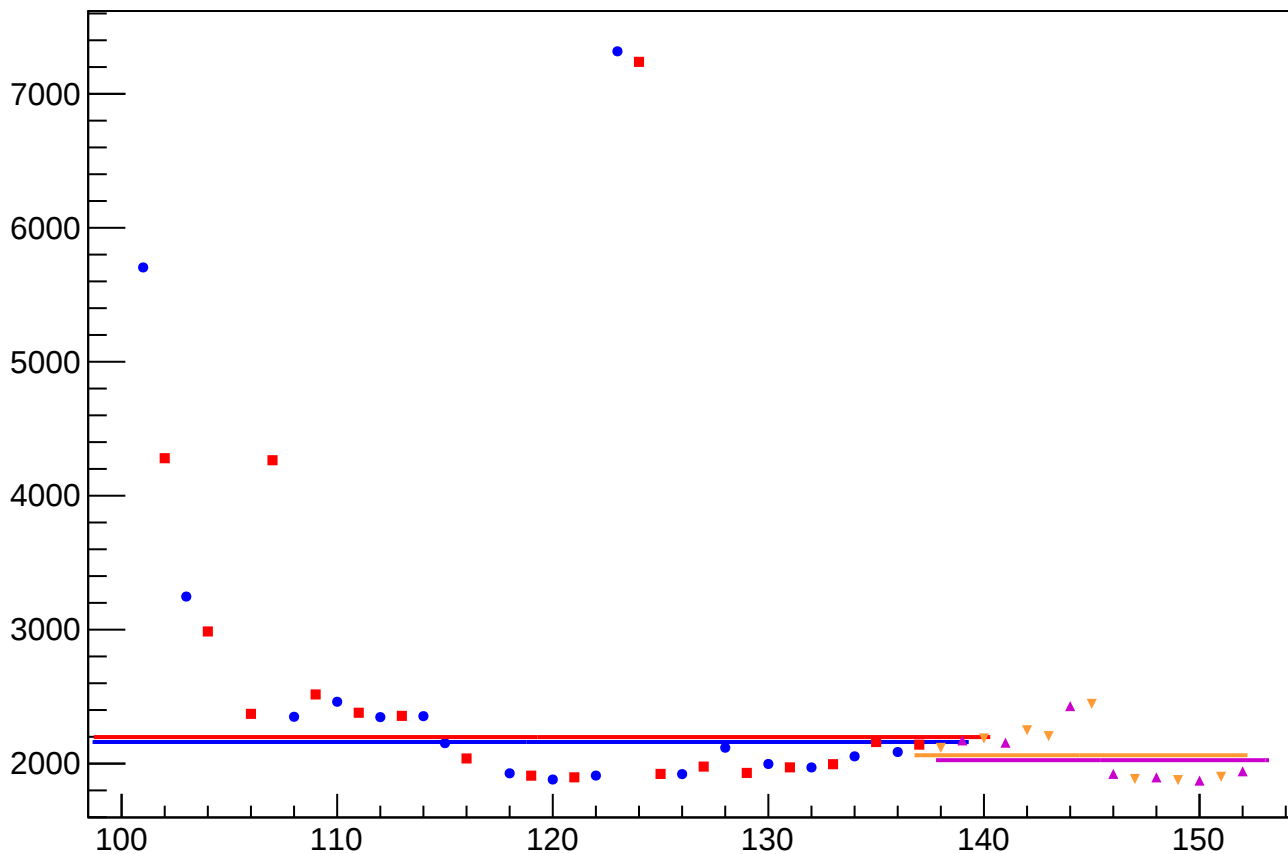
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

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

Out: 1468.033 $\pm$ 605.183 χ^2/NDF : 22.1/25

All: 2102.122 $\pm$ 426.978 χ^2/NDF : 53.6/49

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: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

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

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

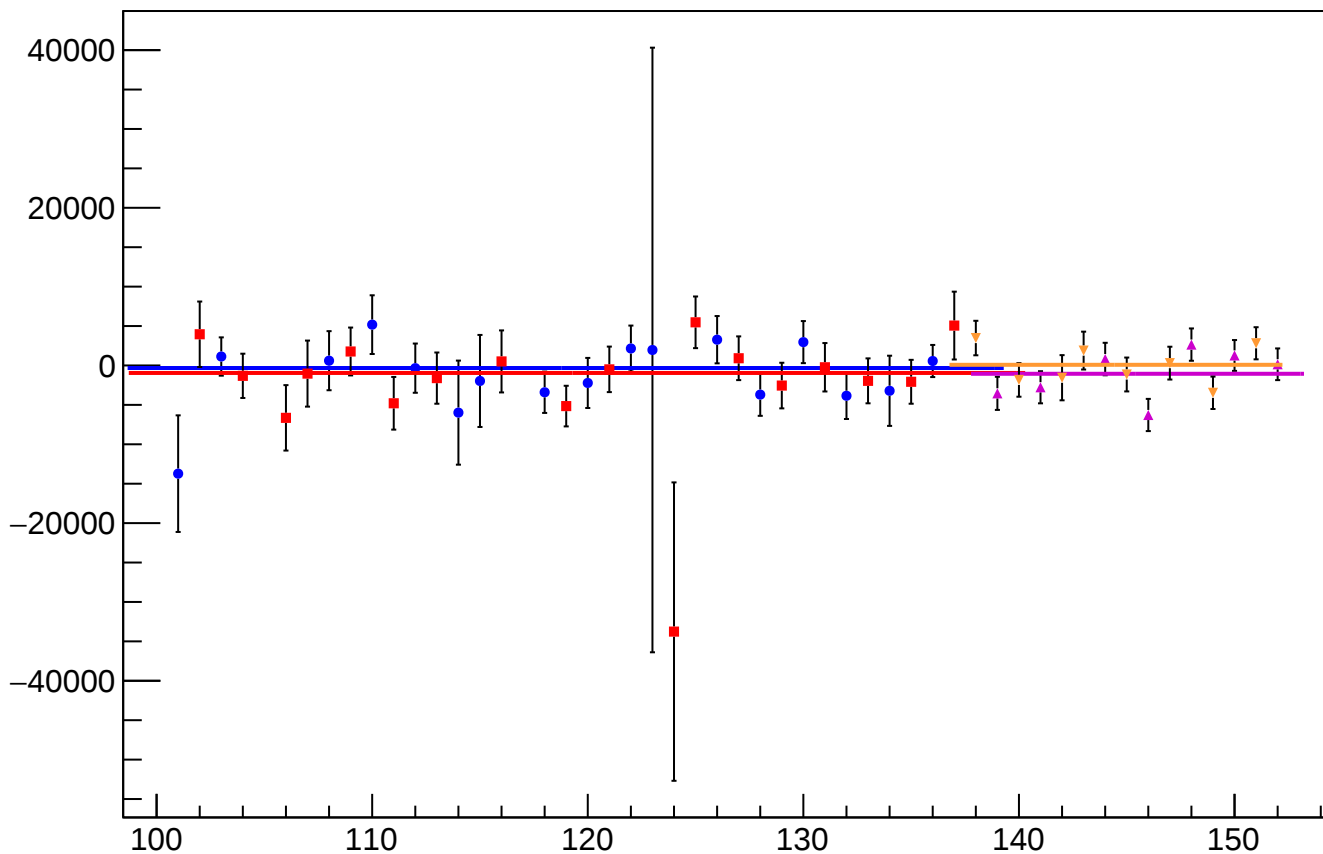
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

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

Out: 2130.395+/-0.428 χ^2/NDF : 855755.5/25

All: 2111.326+/-0.302 χ^2/NDF : 1683120.3/49

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -951.303 ± 770.284 $\chi^2/\text{NDF}: 18.2/17$

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

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

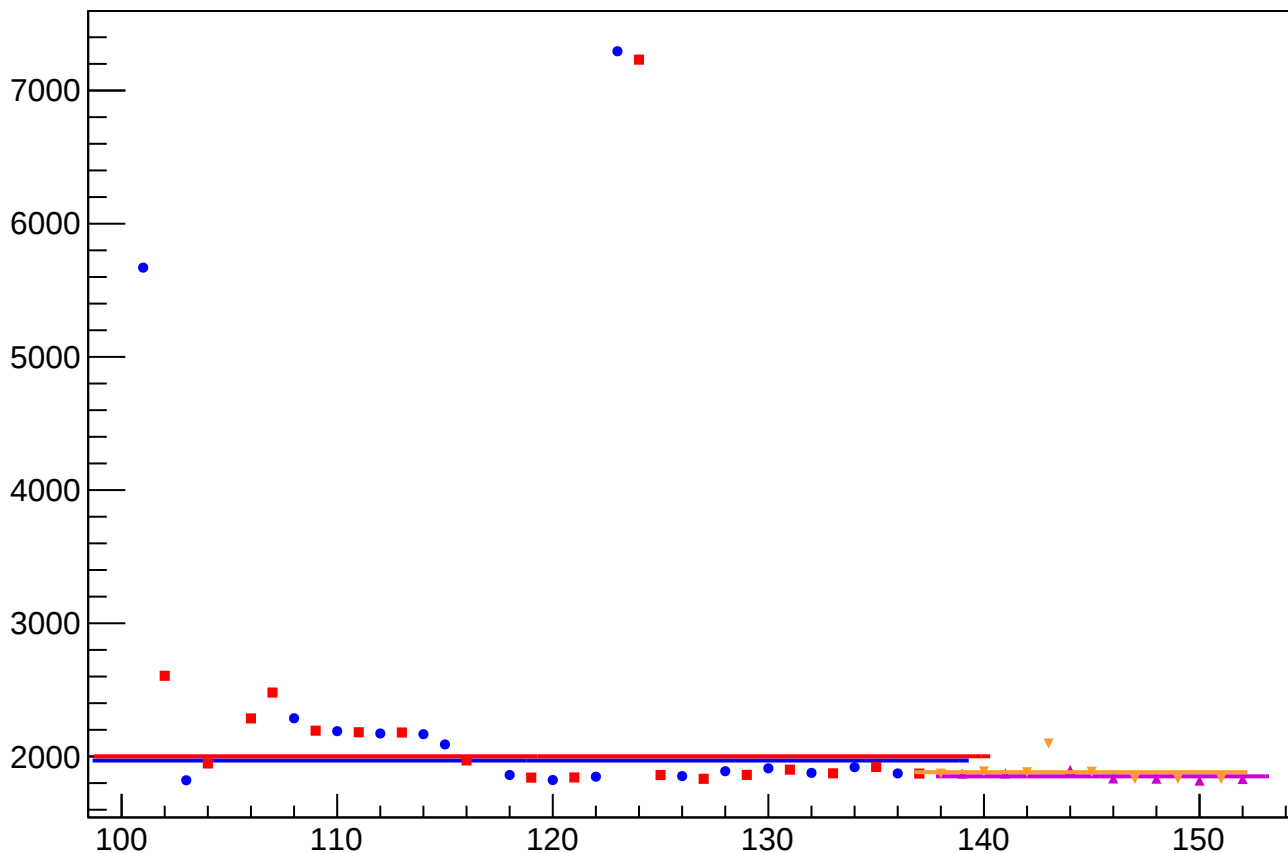
Right: -641.256 ± 547.905 $\chi^2/\text{NDF}: 34.3/34$

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

Out: -439.894 ± 547.598 $\chi^2/\text{NDF}: 28.3/25$

All: -567.265 ± 387.203 $\chi^2/\text{NDF}: 59.1/49$

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

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

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

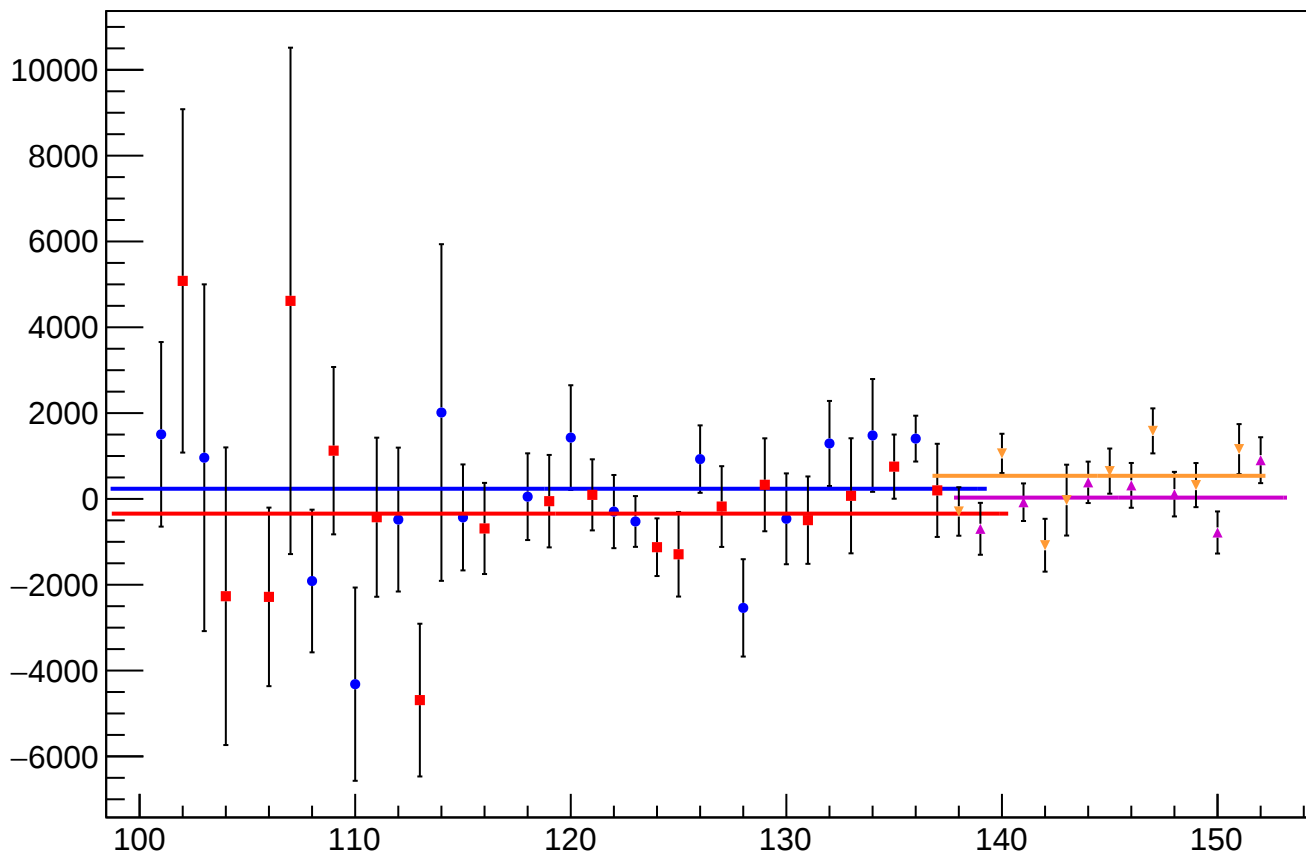
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

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

Out: 1942.362+/-0.387 χ^2/NDF :333981.8/25

All: 1925.859+/-0.274 χ^2/NDF : 966455.0/49

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

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

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

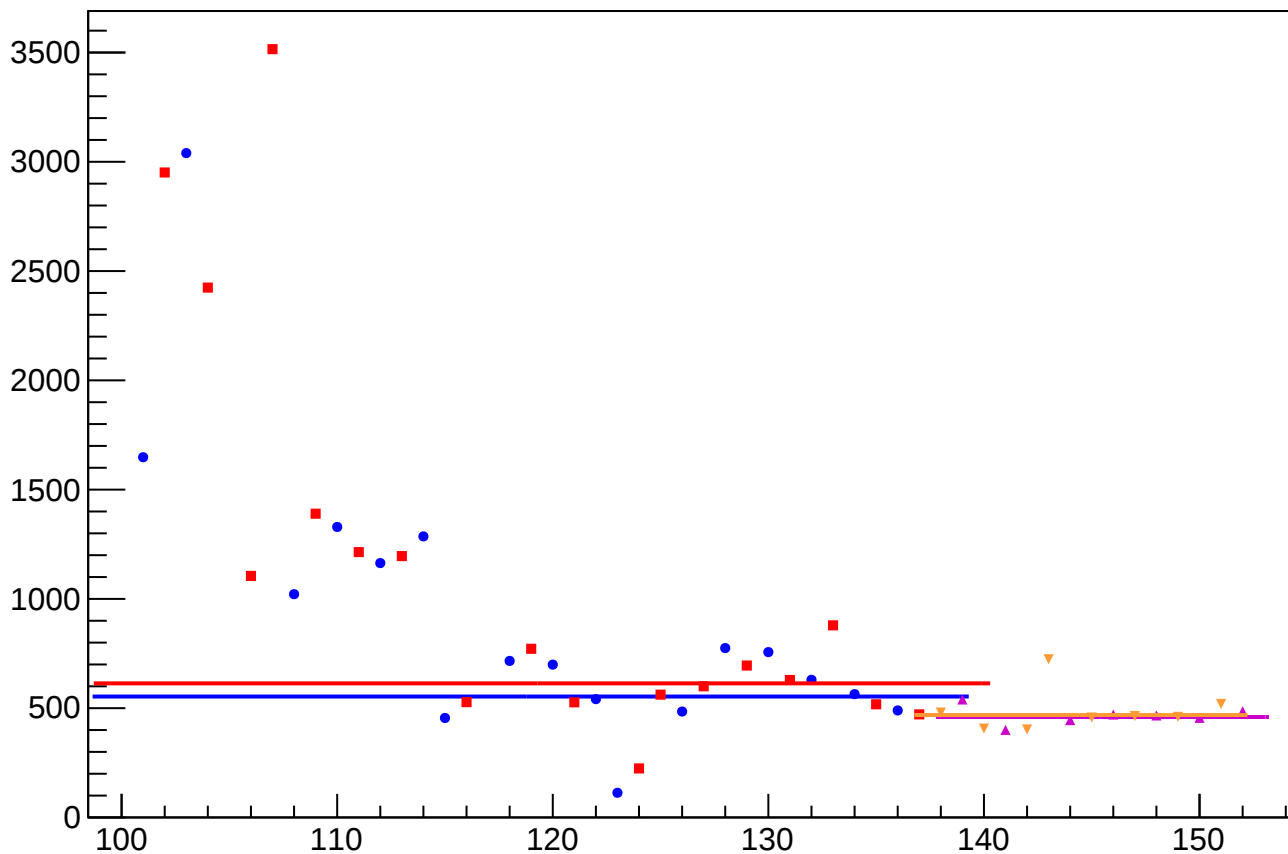
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

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

Out: 232.004 $\pm$ 158.432 χ^2/NDF :39.1/25

All: 166.986 $\pm$ 109.579 χ^2/NDF : 71.5/49

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 463.973 ± 0.097 χ^2/NDF : 350213.3/14

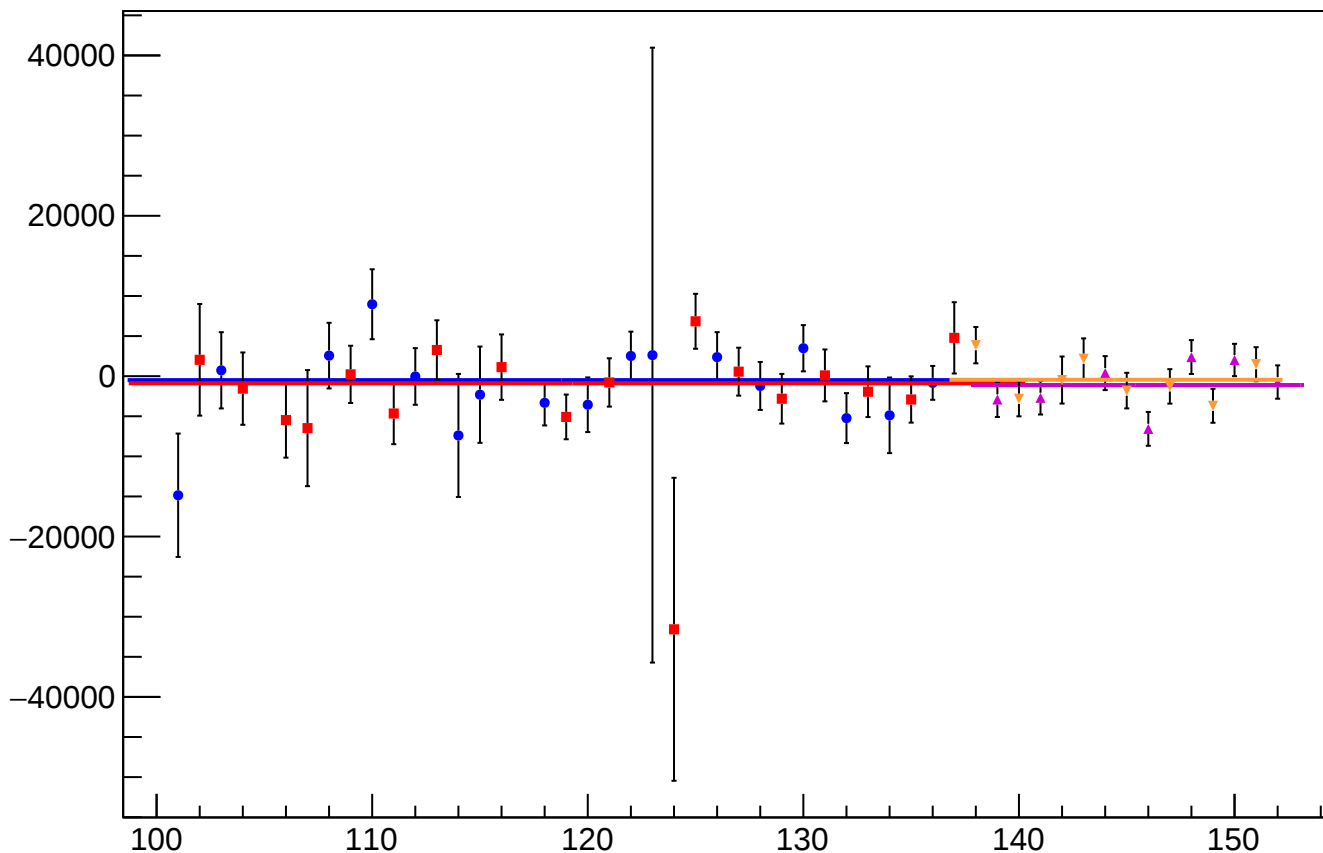
Right: 581.103 ± 0.129 χ^2/NDF : 6943410.9/34

In: 494.424 ± 0.107 χ^2/NDF : 3670904.4/23

Out: 519.096 ± 0.112 χ^2/NDF : 4124395.3/25

All: 506.226 ± 0.077 χ^2/NDF : 7820599.4/49

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

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

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

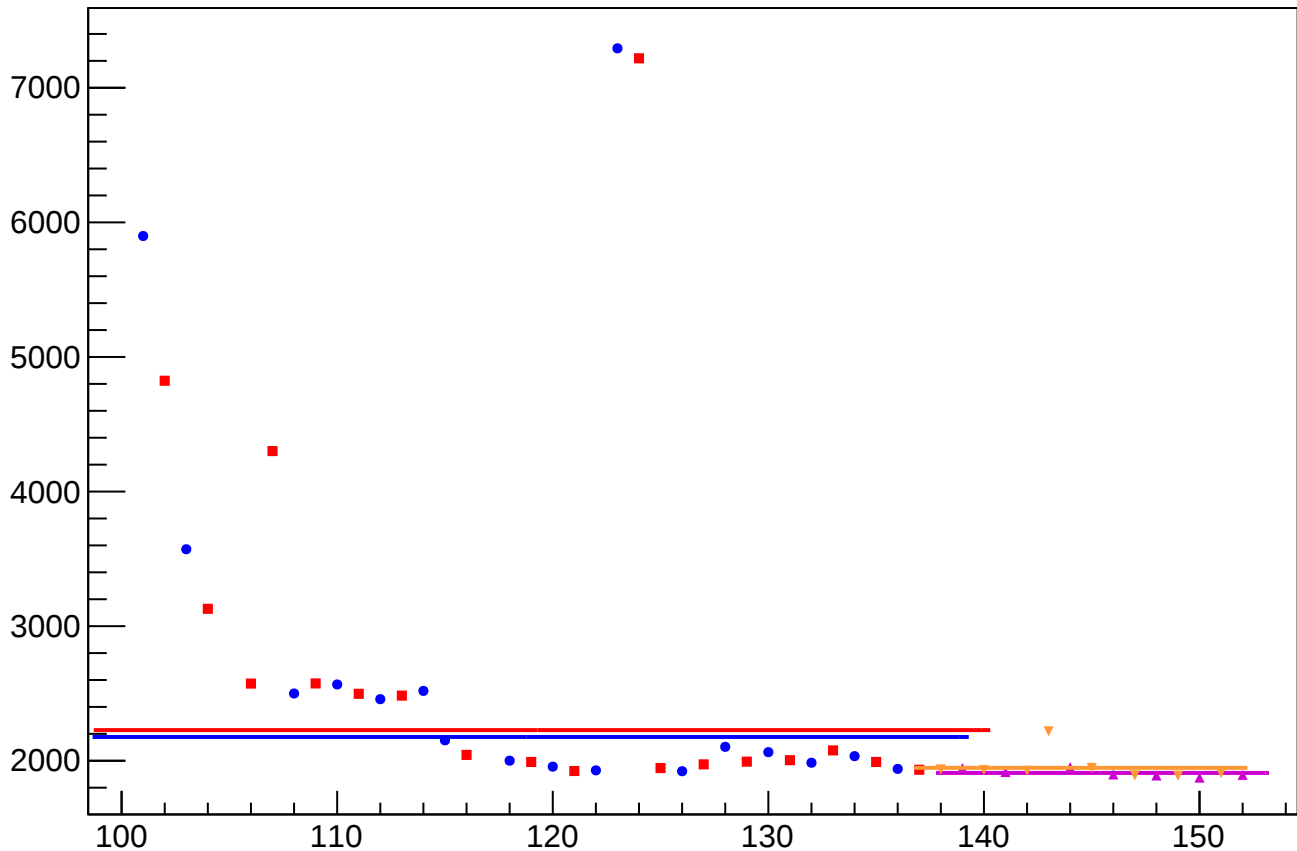
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

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

Out: -650.691+/-590.866 χ^2/NDF :27.0/25

All: -739.028+/-415.990 χ^2/NDF : 59.5/49

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

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

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

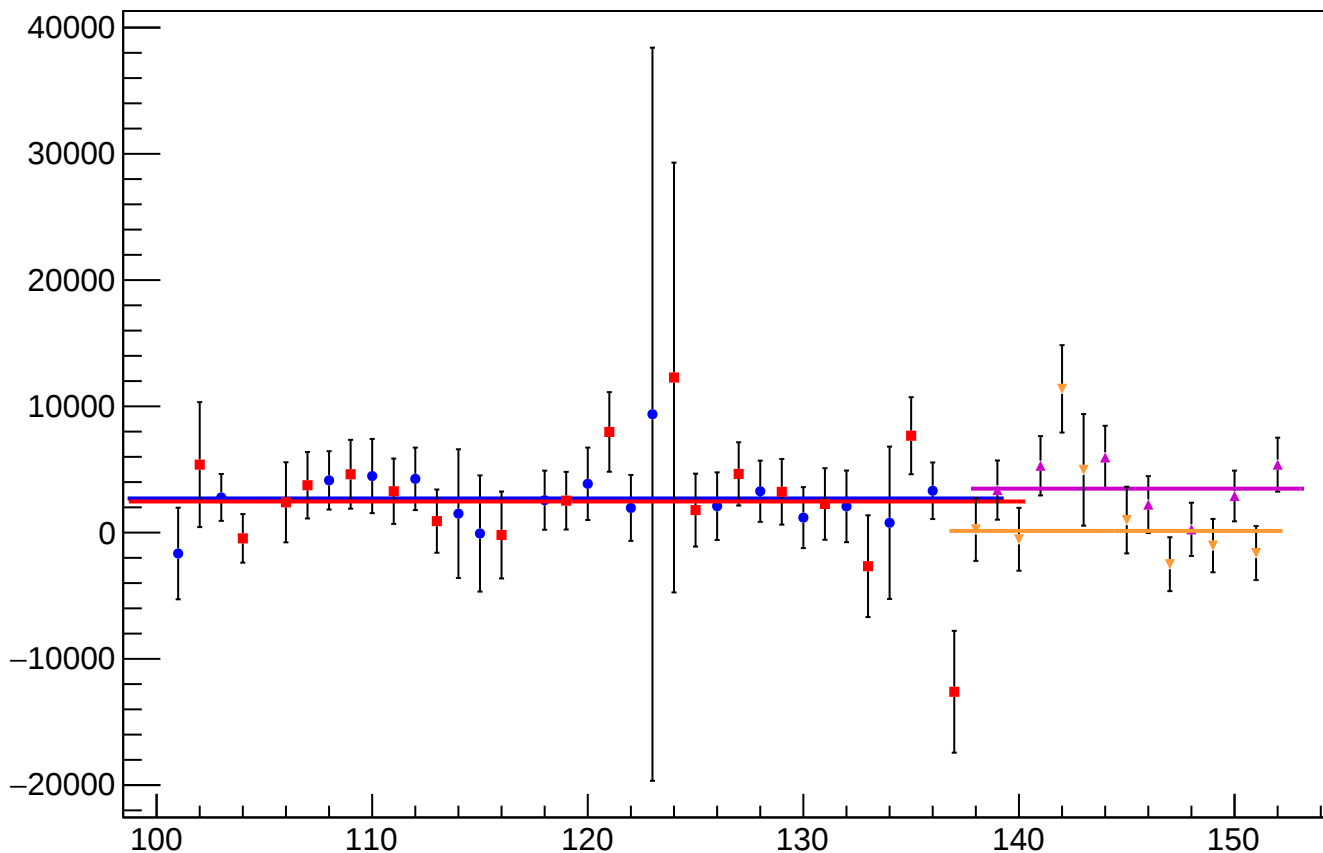
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

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

Out: 2076.928 $\pm$ 0.418 χ^2 /NDF: 964177.1/25

All: 2053.908 $\pm$ 0.294 χ^2 /NDF: 1878301.2/49

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 133.254+/-889.895 χ^2/NDF : 14.4/7

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

Left In: 3481.019+/-841.666 χ^2/NDF : 5.1/6

Left: 1900.310+/-611.487 χ^2/NDF : 27.0/14

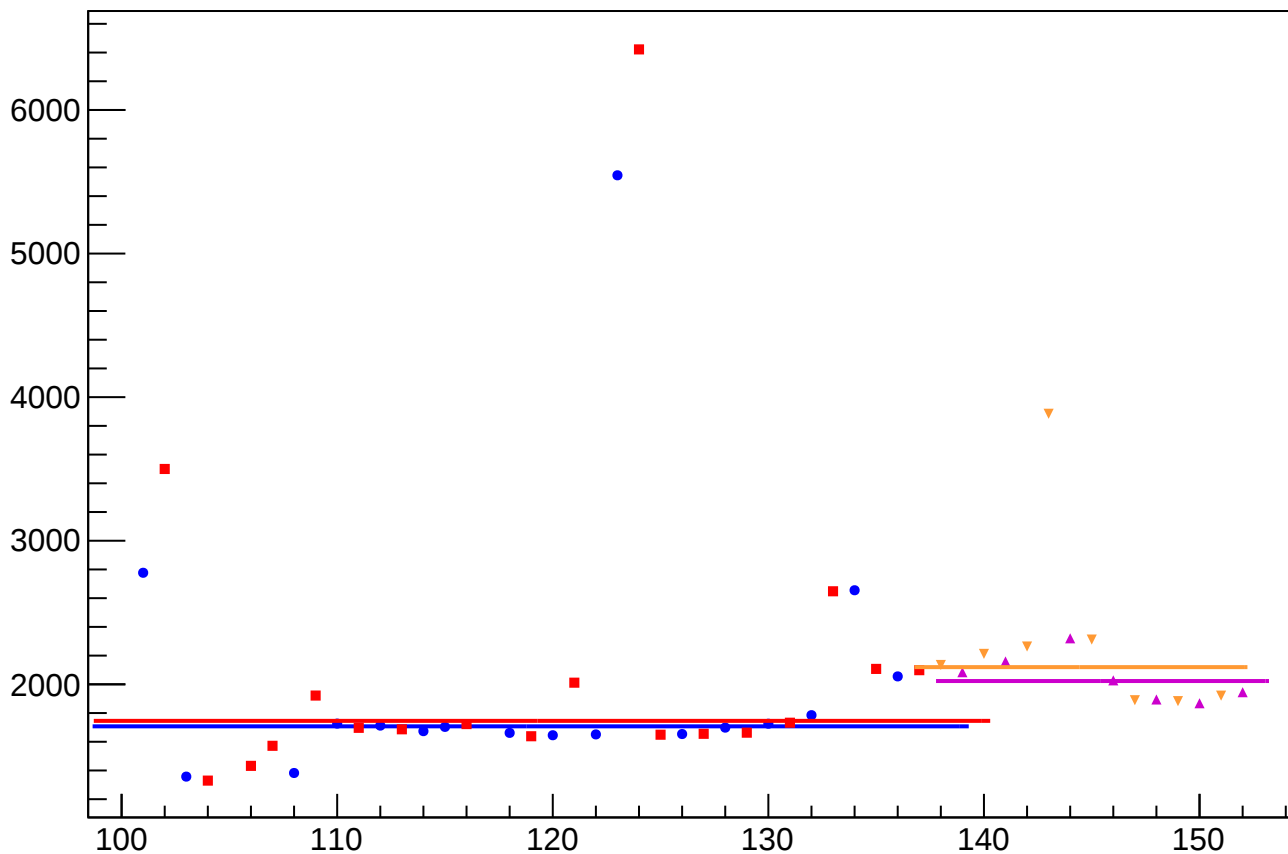
Right: 2585.697+/-479.799 χ^2/NDF : 27.3/34

In: 3007.238+/-526.054 χ^2/NDF : 9.7/23

Out: 1599.921+/-541.951 χ^2/NDF : 41.9/25

All: 2324.523+/-377.471 χ^2/NDF : 55.1/49

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

Left In: 2022.924 ± 0.595 $\chi^2/\text{NDF}: 58291.4/6$

Left: 2068.650 ± 0.432 $\chi^2/\text{NDF}: 472027.2/14$

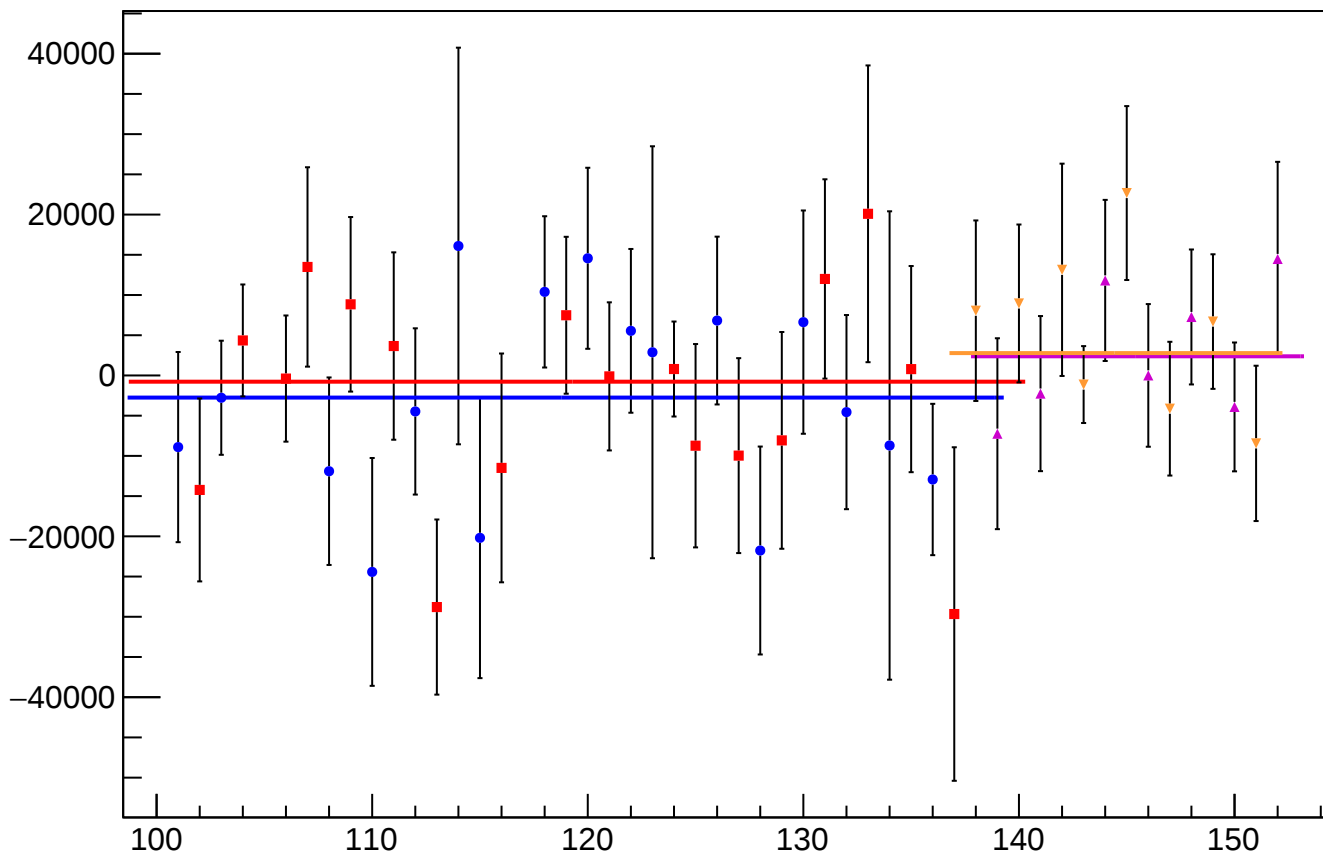
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1830.649 ± 0.372 $\chi^2/\text{NDF}: 651744.7/23$

Out: 1884.295 ± 0.383 $\chi^2/\text{NDF}: 1323017.8/25$

All: 1856.678 ± 0.267 $\chi^2/\text{NDF}: 1984854.6/49$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2779.897 $\pm$ 2937.694 χ^2/NDF : 7.6/7

Right Out: -774.921 $\pm$ 2440.788 χ^2/NDF : 17.7/17

Left In: 2380.787 $\pm$ 3598.979 χ^2/NDF : 3.8/6

Left: 2620.309 $\pm$ 2275.794 χ^2/NDF : 11.4/14

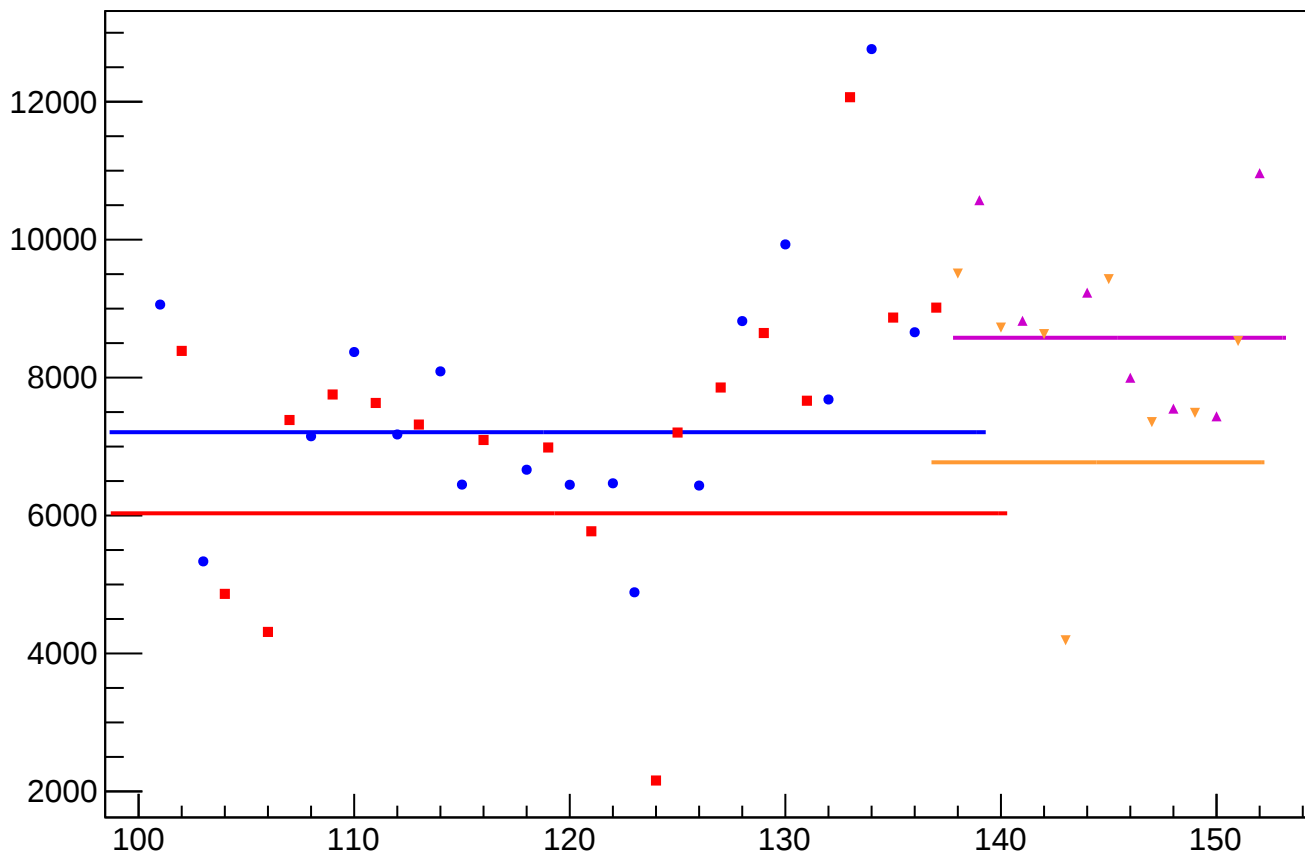
Right: -1613.491 $\pm$ 1851.753 χ^2/NDF : 32.6/34

In: -779.495 $\pm$ 2230.619 χ^2/NDF : 19.6/23

Out: 676.846 $\pm$ 1877.355 χ^2/NDF : 26.2/25

All: 72.994 $\pm$ 1436.346 χ^2/NDF : 46.1/49

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: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

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

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

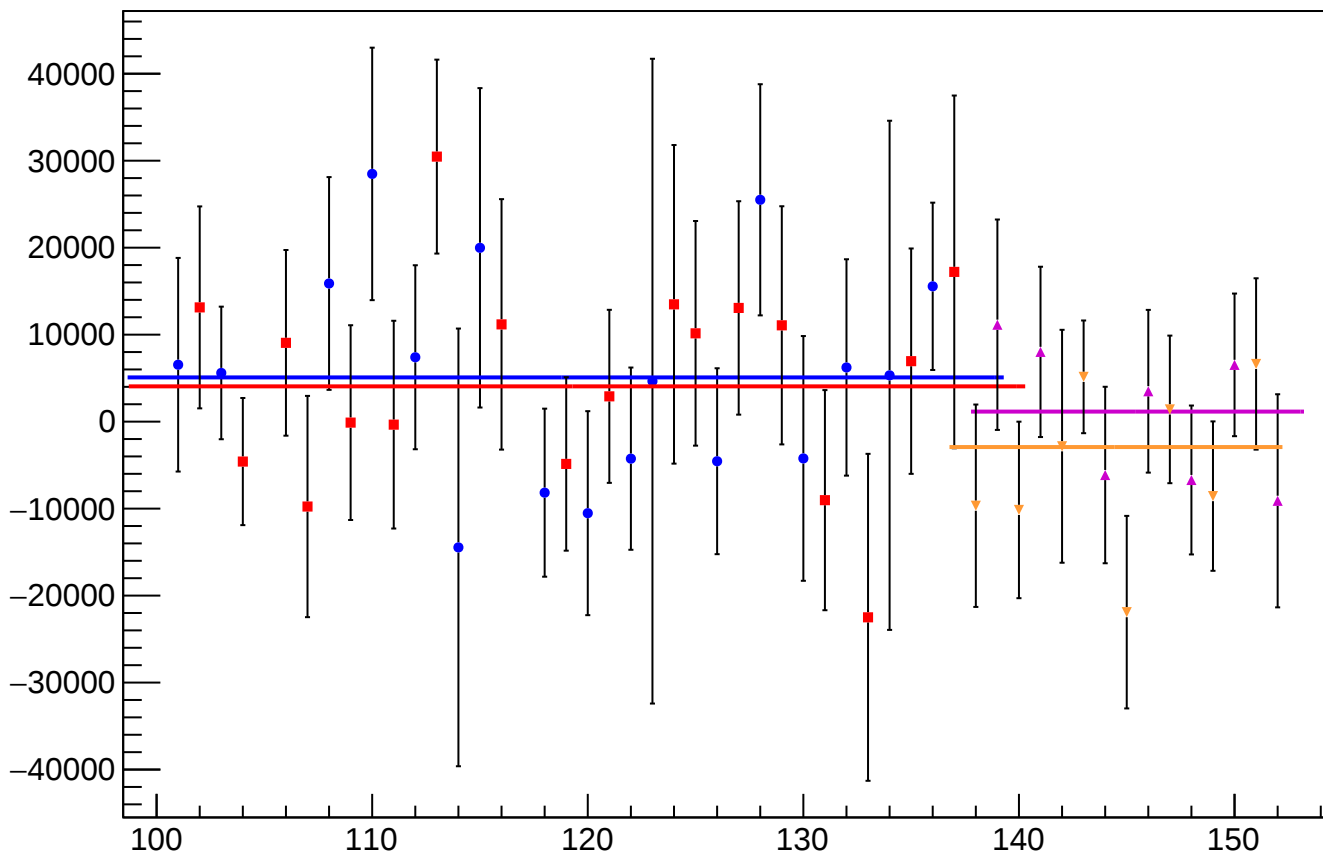
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

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

Out: 6334.211+/-1.327 χ^2/NDF : 2904922.6/25

All: 6914.747+/-1.016 χ^2/NDF : 4261681.5/49

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -2922.401 $\pm$ 3289.363 χ^2/NDF : 7.0/7

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

Left In: 1155.034 $\pm$ 3686.151 χ^2/NDF : 3.7/6

Left: -1114.872 $\pm$ 2454.269 χ^2/NDF : 11.4/14

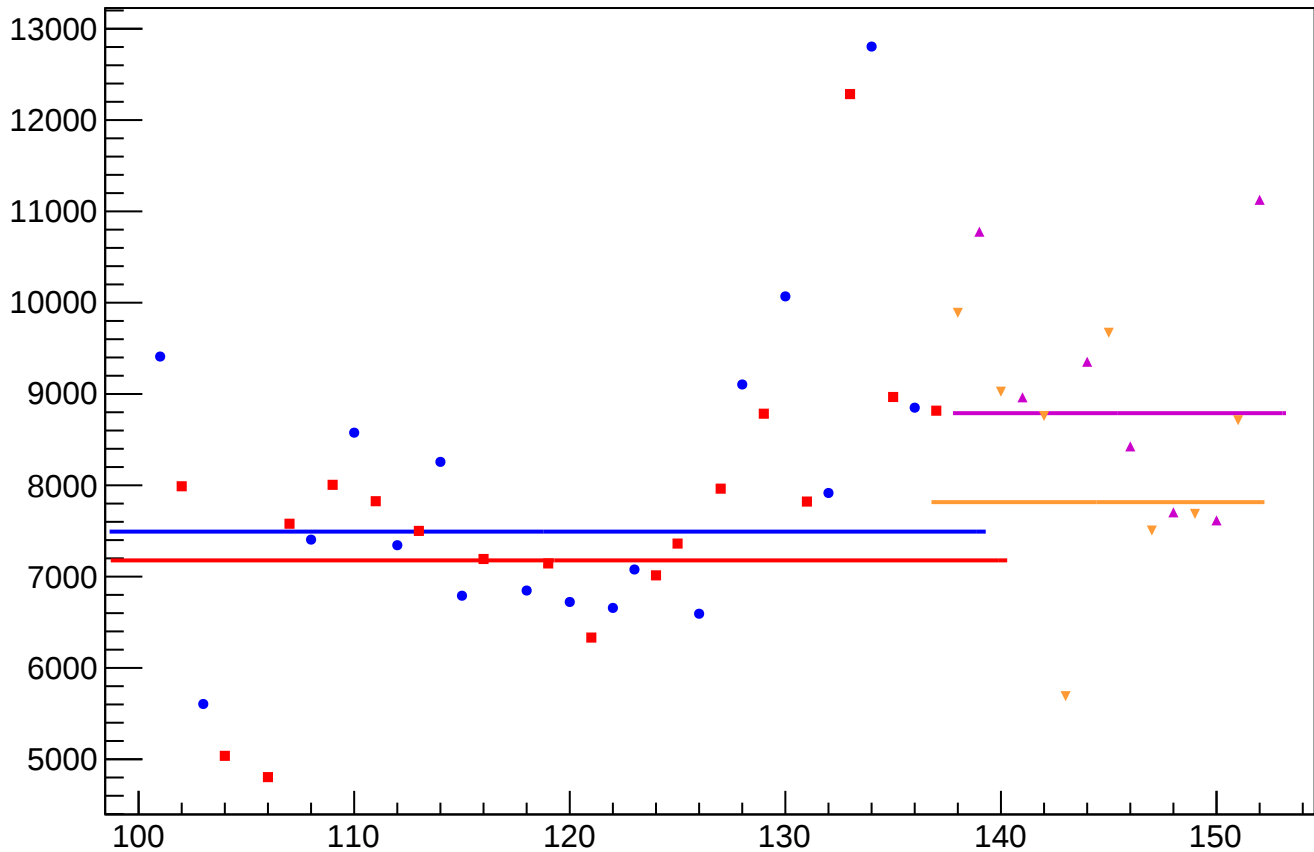
Right: 4542.385 $\pm$ 2032.595 χ^2/NDF : 29.2/34

In: 3547.120 $\pm$ 2305.728 χ^2/NDF : 18.4/23

Out: 1123.680 $\pm$ 2132.170 χ^2/NDF : 24.8/25

All: 2240.768 $\pm$ 1565.437 χ^2/NDF : 43.7/49

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7815.728 +/- 2.326 χ^2/NDF : 392880.8/7

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

Left In: 8790.120 +/- 2.607 χ^2/NDF : 209763.6/6

Left: 8247.676 +/- 1.735 χ^2/NDF : 680443.0/14

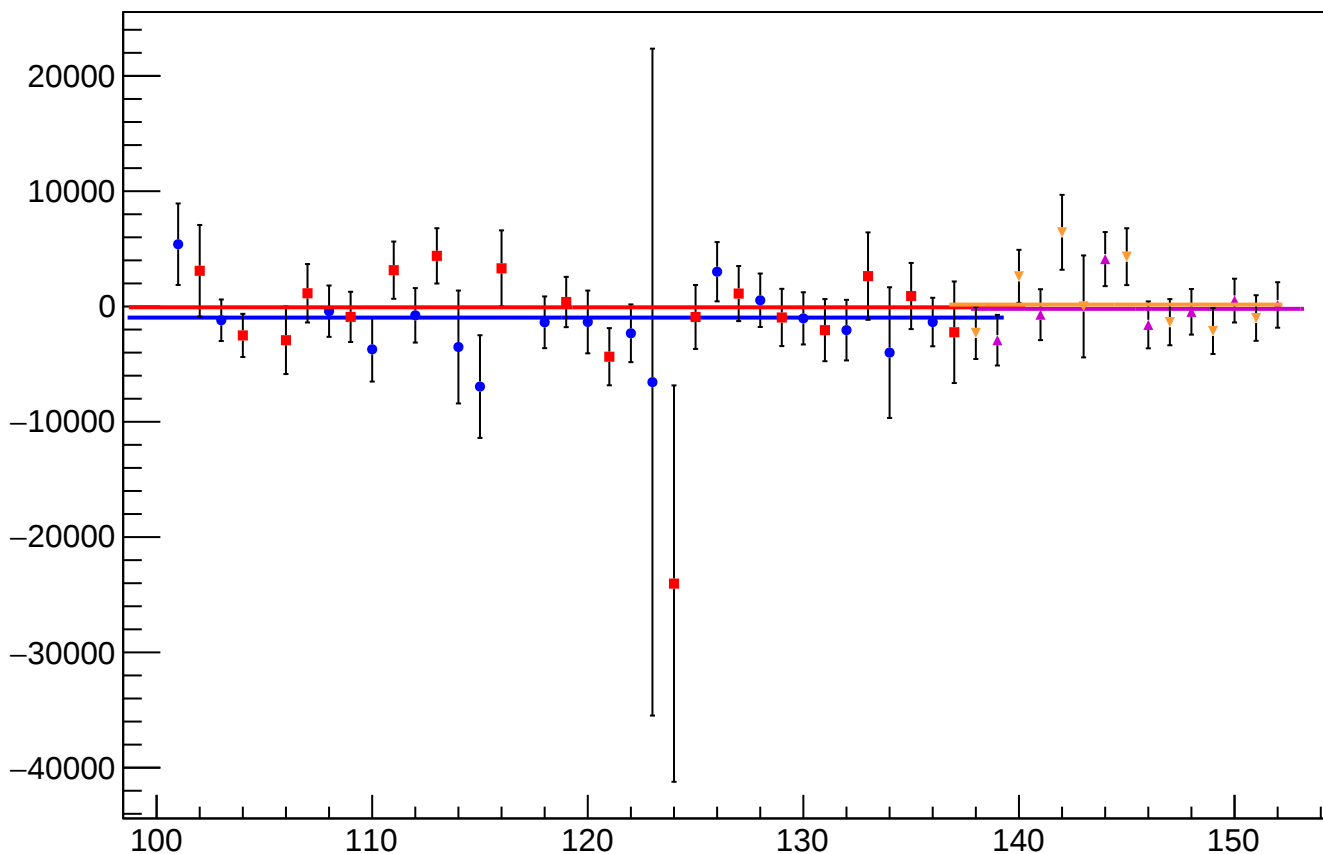
Right: 7326.859 +/- 1.437 χ^2/NDF : 1004970.1/34

In: 8000.450 +/- 1.630 χ^2/NDF : 797625.5/23

Out: 7445.802 +/- 1.508 χ^2/NDF : 992403.1/25

All: 7701.451 +/- 1.107 χ^2/NDF : 1852418.7/49

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

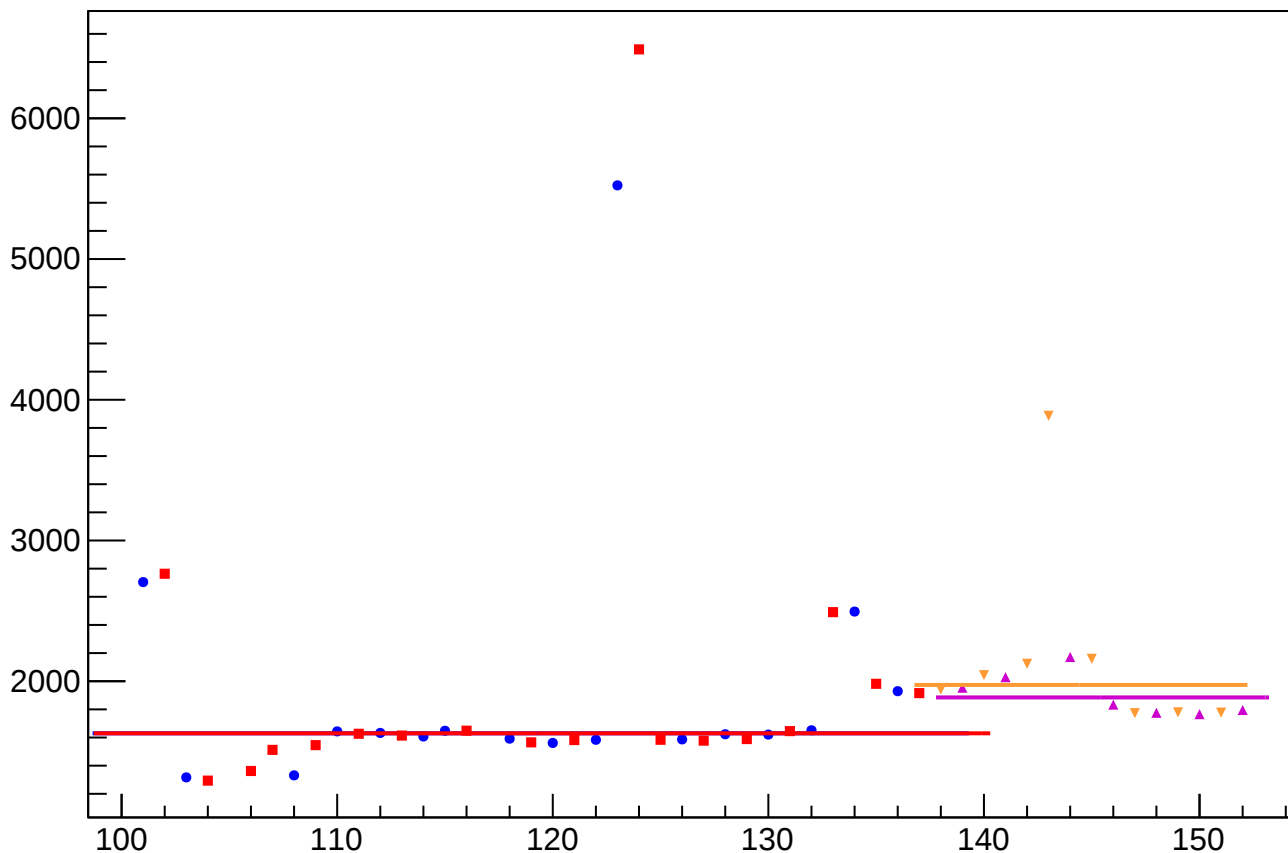
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

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

Out: 16.173 $\pm$ 504.121 χ^2 /NDF:27.9/25

All: -325.353 $\pm$ 353.991 χ^2 /NDF: 45.0/49

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1973.764 $\pm$ 0.587 χ^2 /NDF: 450844.0/7

Right Out: 1629.941 $\pm$ 0.449 χ^2 /NDF: 557457.4/17

Left In: 1884.878 $\pm$ 0.554 χ^2 /NDF: 59782.7/6

Left: 1926.772 $\pm$ 0.403 χ^2 /NDF: 522743.0/14

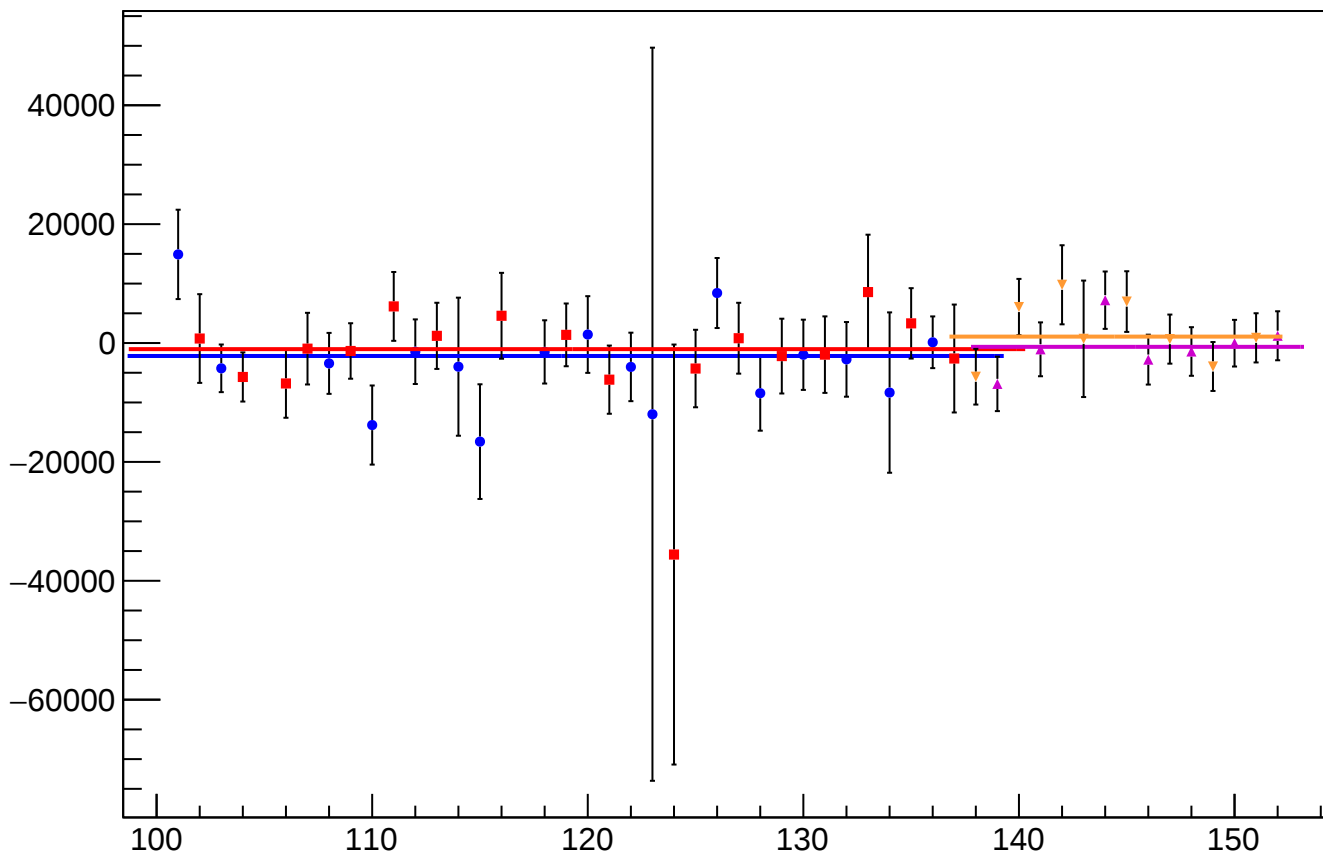
Right: 1629.948 $\pm$ 0.319 χ^2 /NDF: 965609.1/34

In: 1732.474 $\pm$ 0.352 χ^2 /NDF: 594348.8/23

Out: 1756.672 $\pm$ 0.356 χ^2 /NDF: 1224815.8/25

All: 1744.406 $\pm$ 0.250 χ^2 /NDF: 1821500.5/49

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

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

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

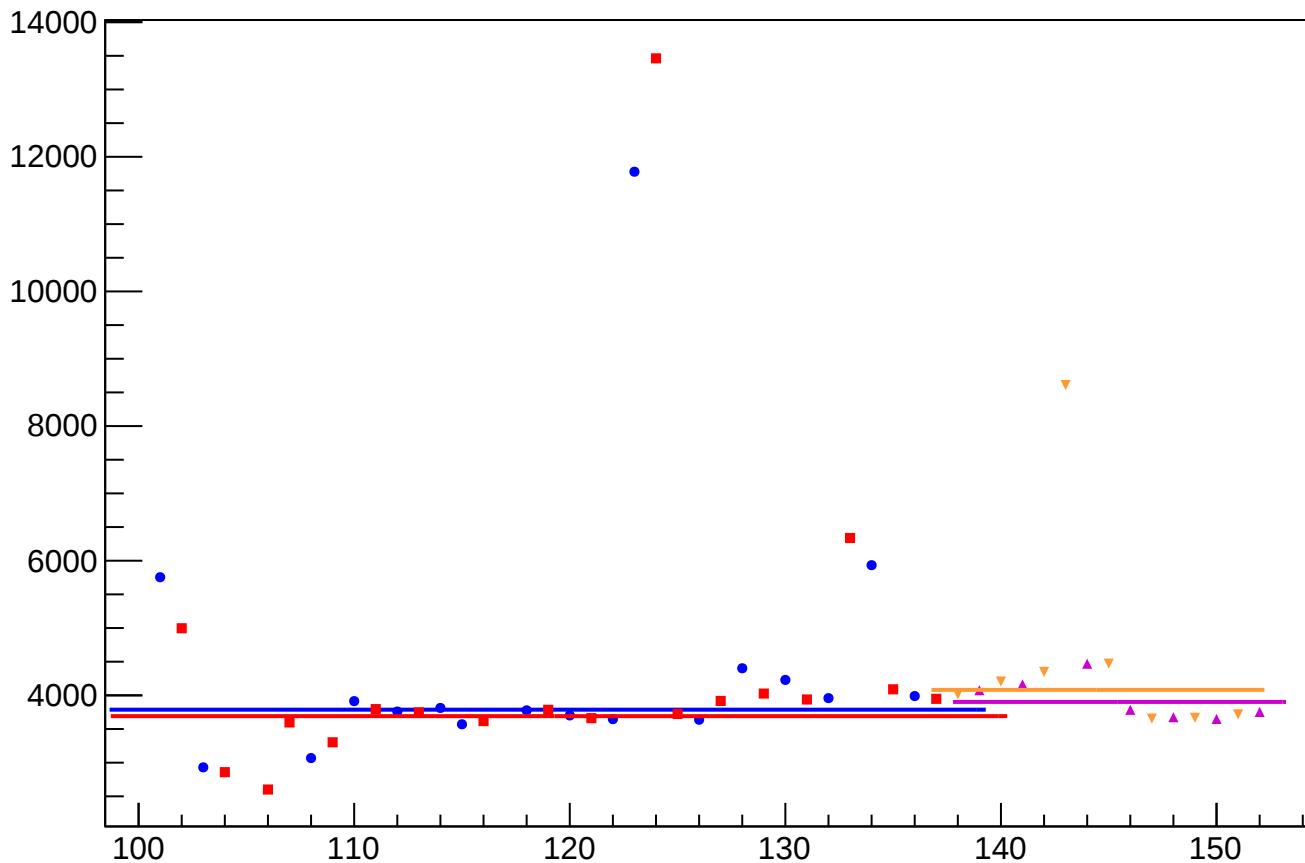
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

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

Out: -157.311+/-1105.348 χ^2/NDF : 17.2/25

All: -819.644+/-779.265 χ^2/NDF : 39.4/49

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 3691.246 $\pm$ 1.020 χ^2/NDF : 555157.1/17

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

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

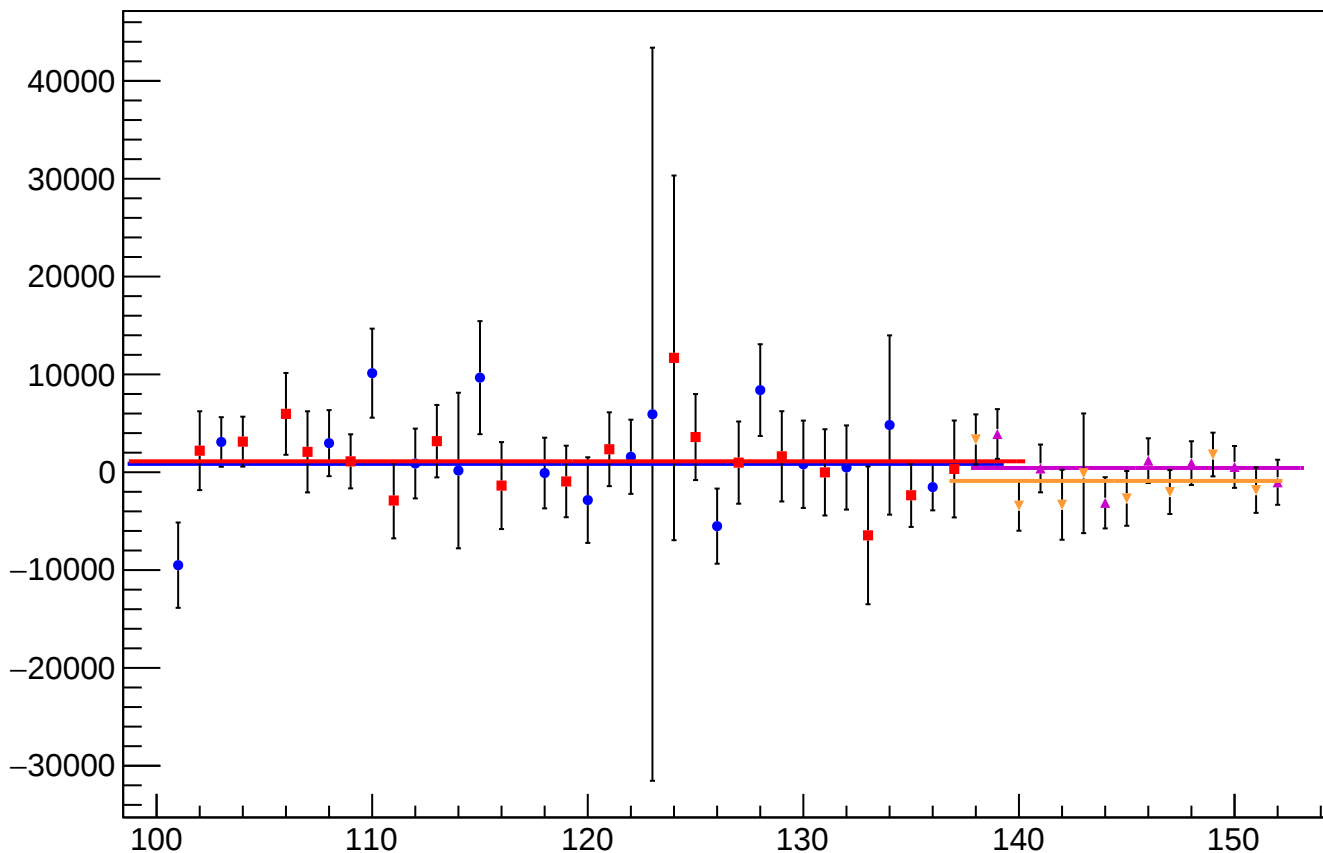
Right: 3737.614 $\pm$ 0.734 χ^2/NDF : 952090.1/34

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

Out: 3852.144 $\pm$ 0.782 χ^2/NDF : 1116457.4/25

All: 3846.071 $\pm$ 0.551 χ^2/NDF : 1570544.0/49

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: 1117.553+/-927.195 χ^2/NDF : 7.3/17

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

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

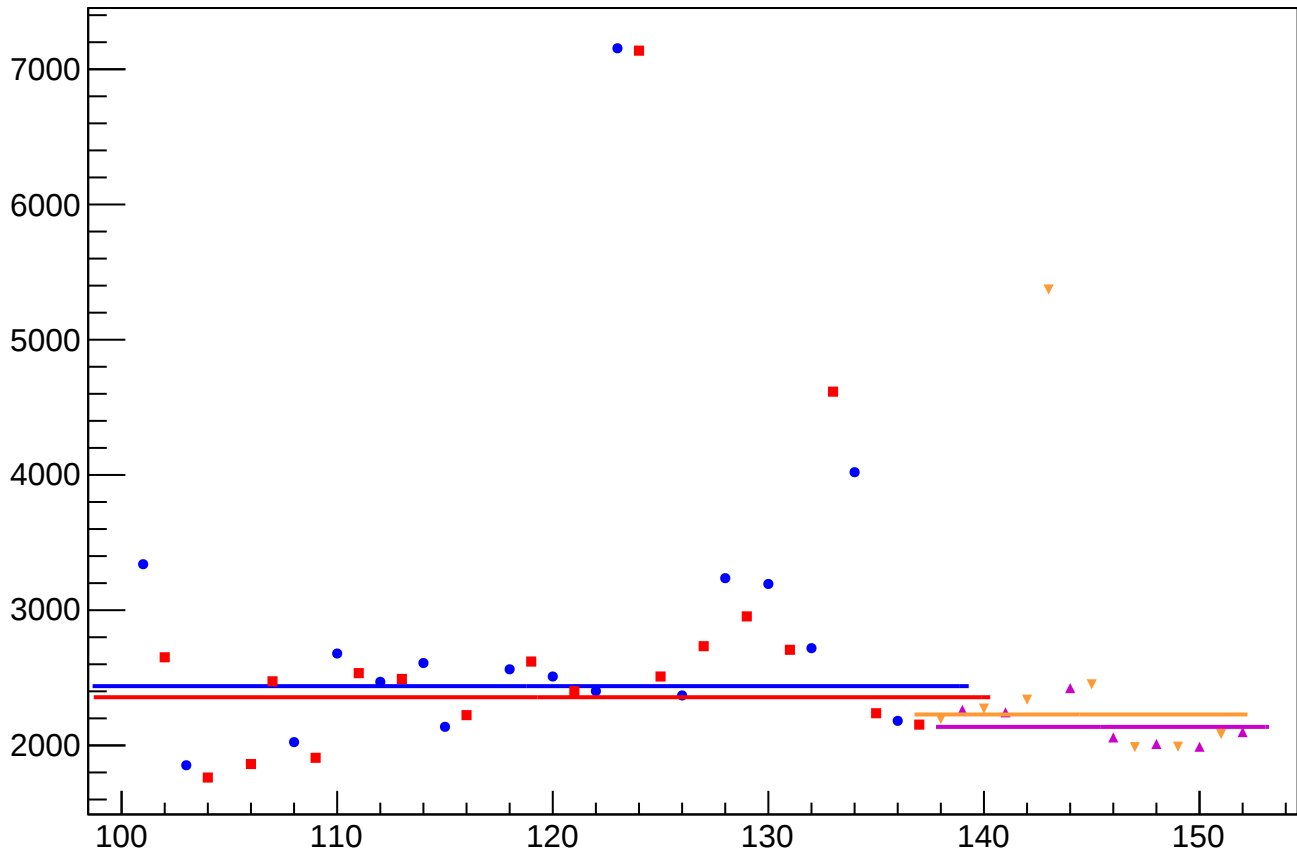
Right: 992.055+/-668.506 χ^2/NDF : 28.0/34

In: 629.188+/-653.584 χ^2/NDF : 25.0/23

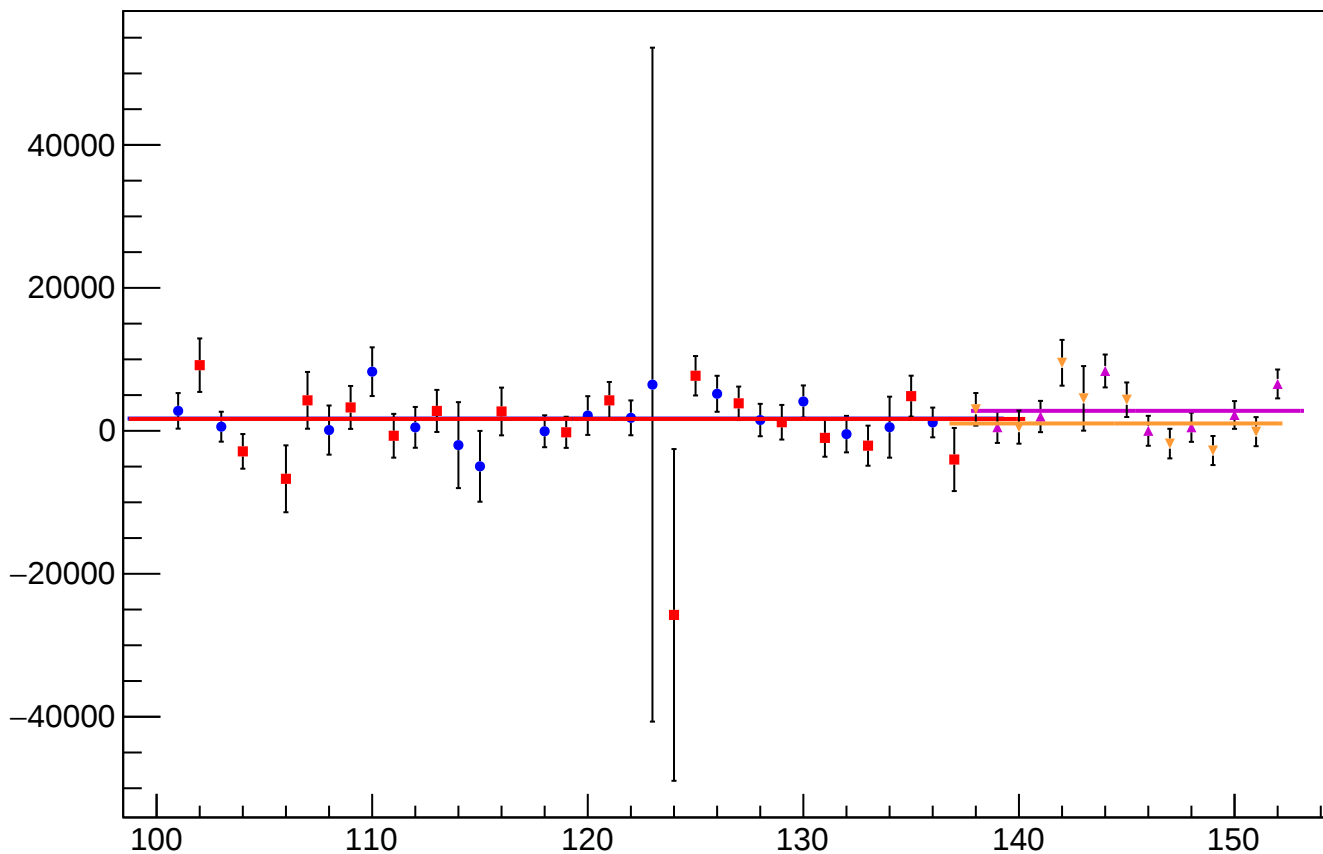
Out: 133.500+/-661.385 χ^2/NDF : 16.1/25

All: 384.284+/-464.887 χ^2/NDF : 41.4/49

asym_at2_dd_rms vs Slug, Sign Corrected



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: 1665.369+/-695.701 χ^2/NDF : 26.8/17

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

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

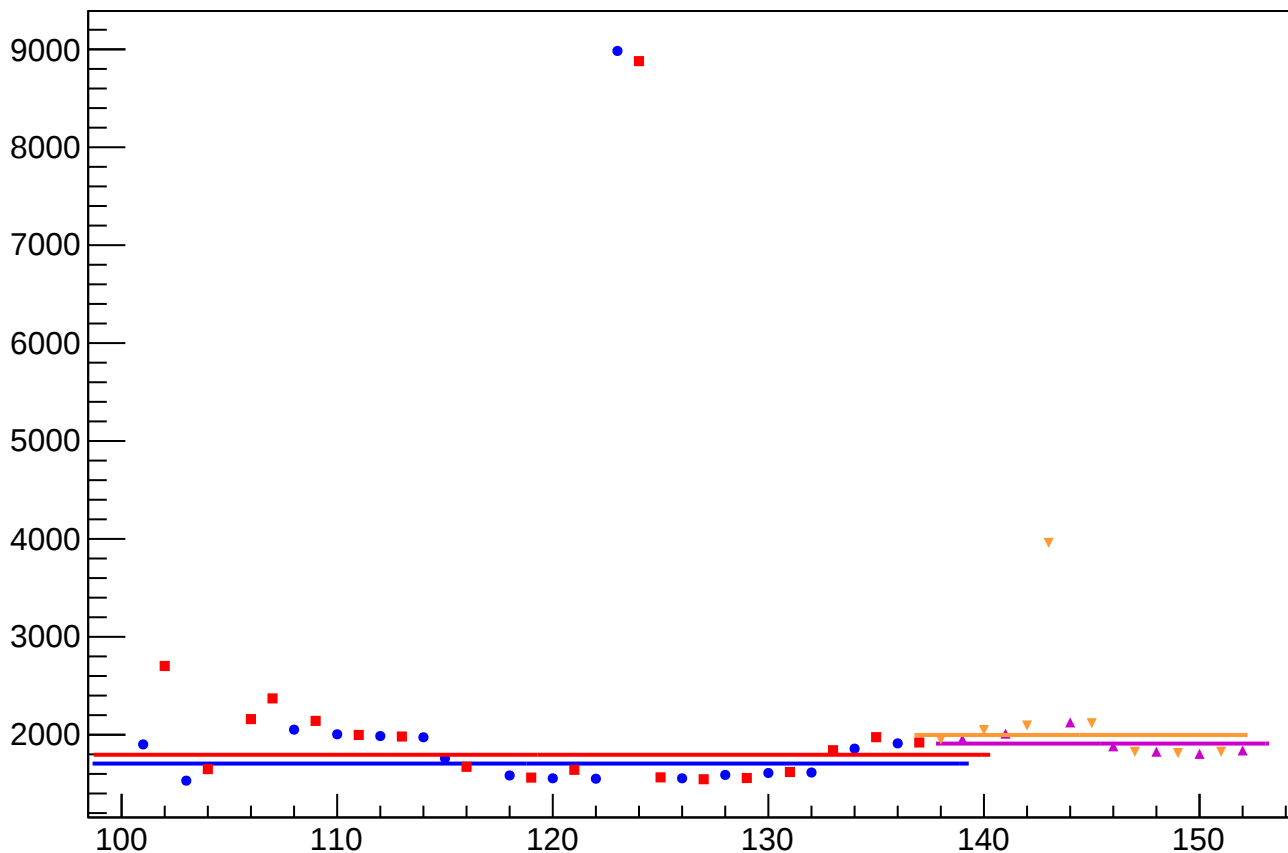
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

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

Out: 1407.878+/-536.008 χ^2/NDF : 43.1/25

All: 1802.445+/-369.879 χ^2/NDF : 70.3/49

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

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

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

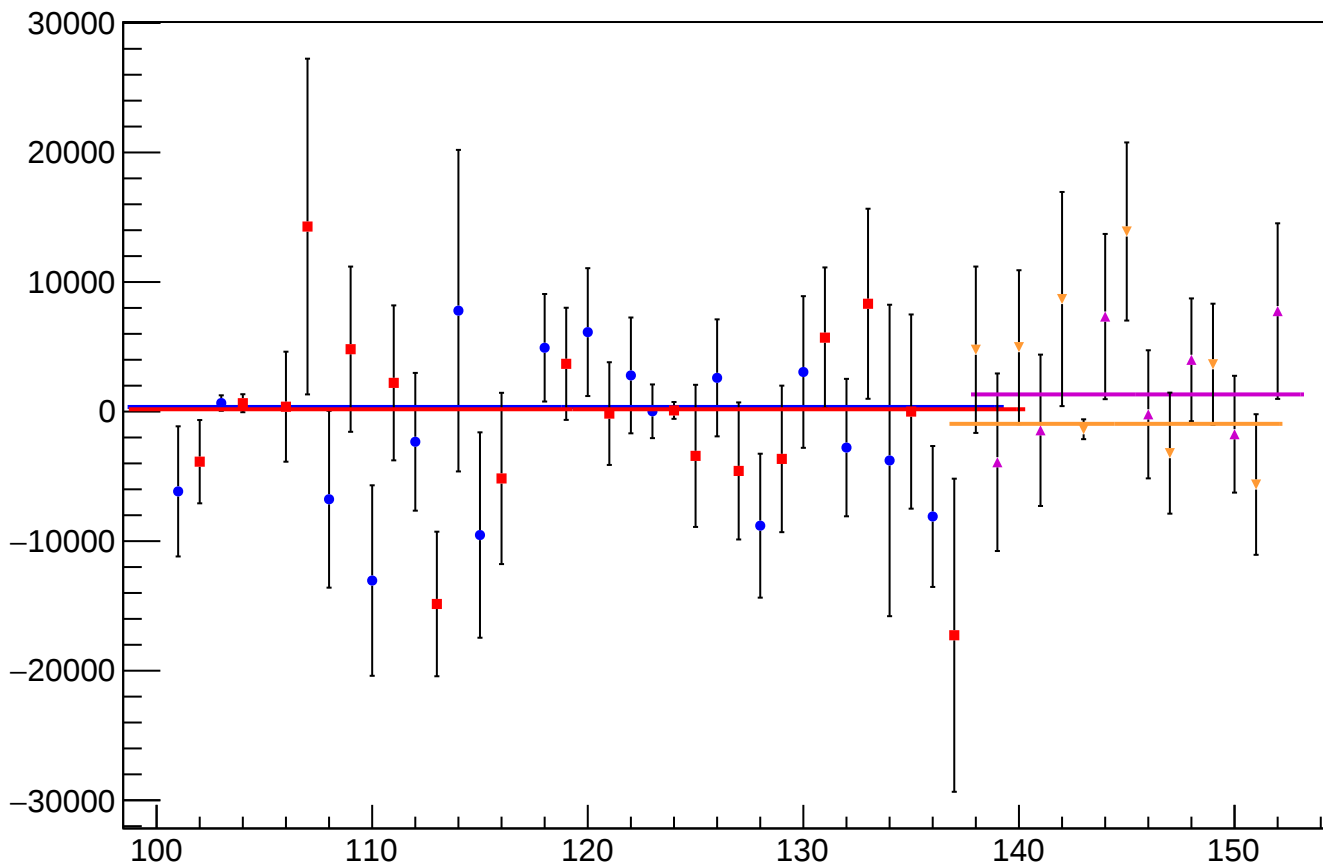
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

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

Out: 1877.475+/-0.379 χ^2/NDF : 1017609.6/25

All: 1831.693+/-0.261 χ^2/NDF : 1351817.1/49

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -946.174 $\pm$ 722.120 χ^2/NDF : 10.1/7

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

Left In: 1325.291 $\pm$ 2077.988 χ^2/NDF : 3.5/6

Left: -701.422 $\pm$ 682.107 χ^2/NDF : 14.6/14

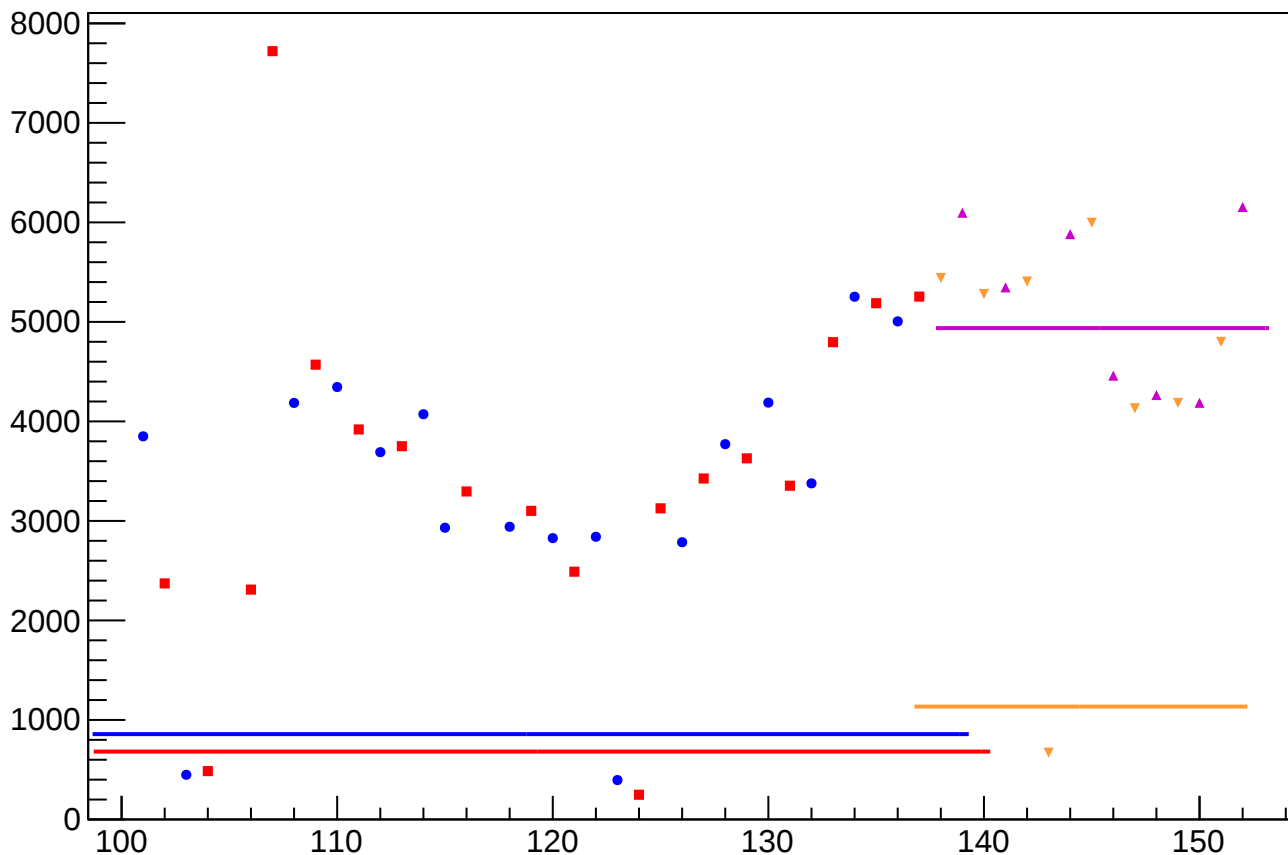
Right: 252.583 $\pm$ 342.551 χ^2/NDF : 36.1/34

In: 416.840 $\pm$ 516.477 χ^2/NDF : 21.2/23

Out: -132.563 $\pm$ 380.072 χ^2/NDF : 30.3/25

All: 60.441 $\pm$ 306.118 χ^2/NDF : 52.2/49

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1134.151+/-0.511 χ^2/NDF : 6728201.6/7

Right Out: 682.114+/-0.316 χ^2/NDF : 9378570.8/17

Left In: 4937.817+/-1.469 χ^2/NDF : 289863.6/6

Left: 1543.997+/-0.482 χ^2/NDF : 12997153.4/14

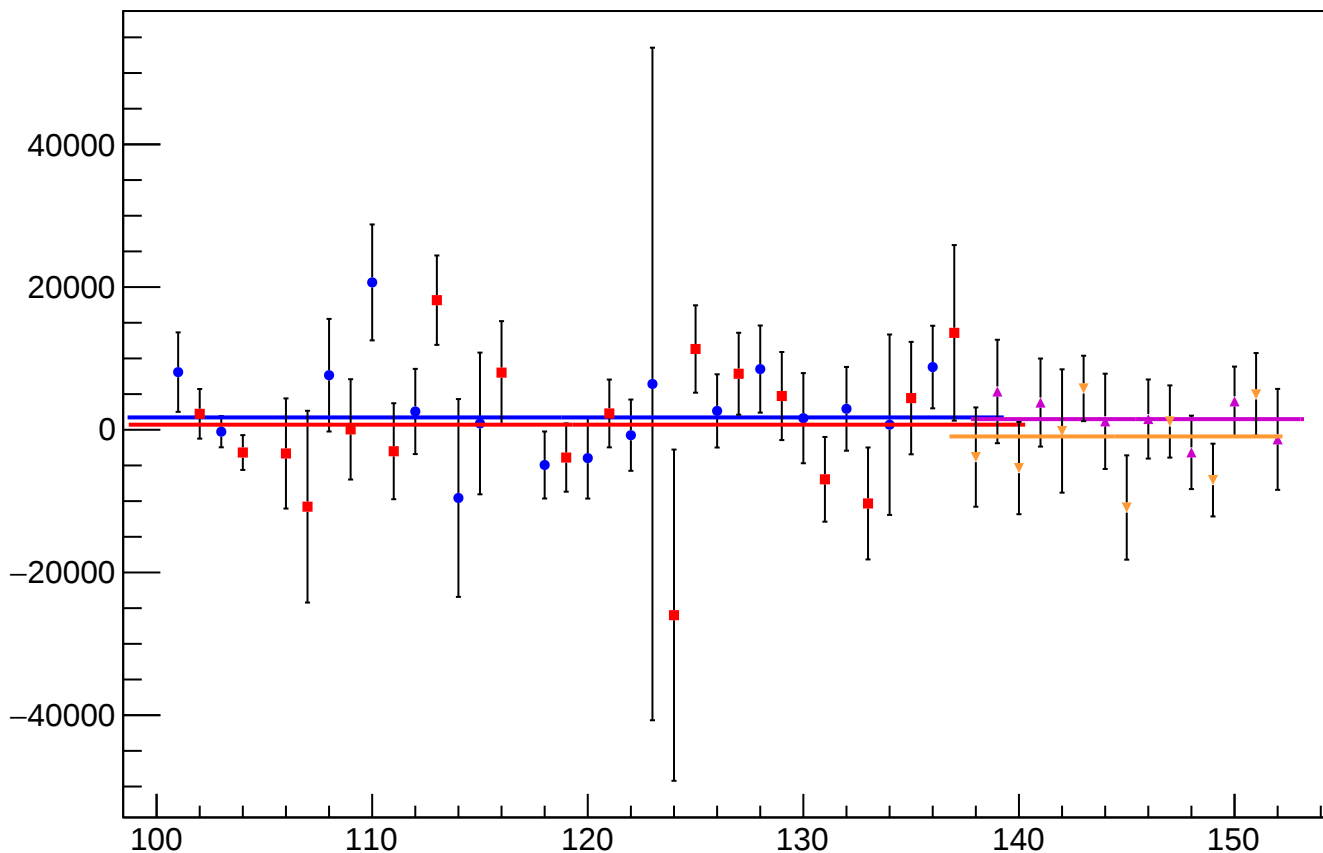
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 1109.537+/-0.365 χ^2/NDF : 15700223.1/23

Out: 807.338+/-0.269 χ^2/NDF : 16673383.2/25

All: 913.500+/-0.216 χ^2/NDF : 32817786.5/49

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

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

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

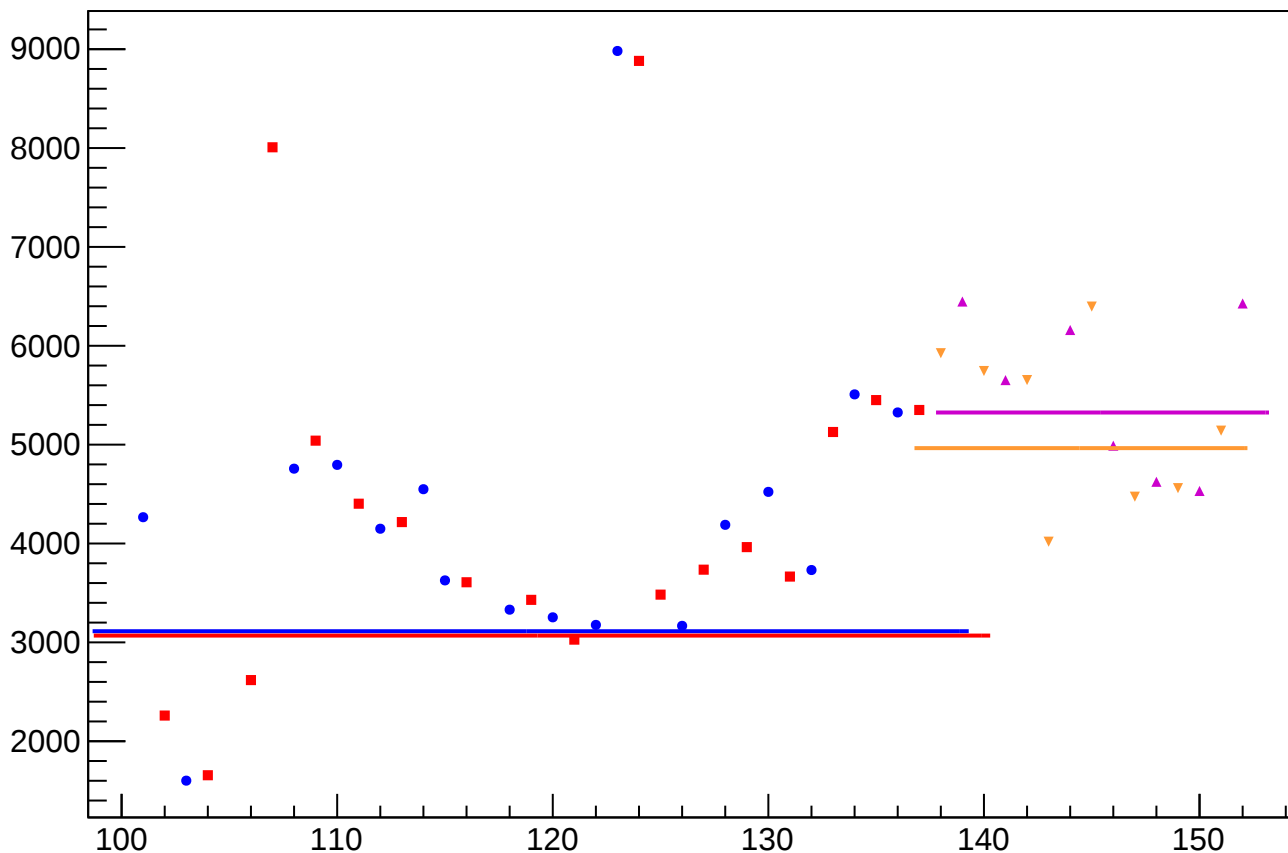
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 256.515+/-1096.415 χ^2/NDF : 32.9/25

All: 945.044+/-785.813 χ^2/NDF : 50.3/49

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

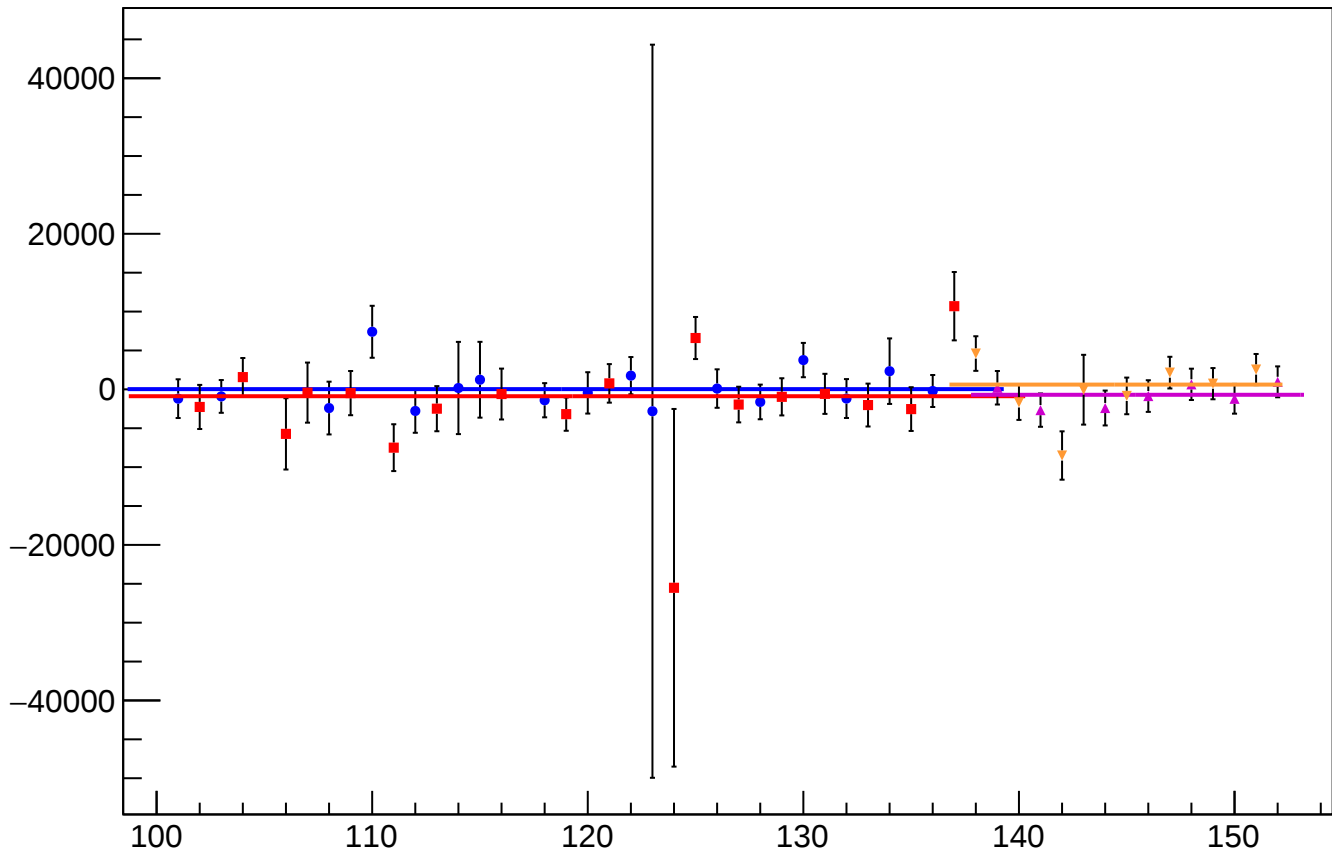
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

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

Out: 3585.376 $\pm$ 0.767 χ^2 /NDF: 3488110.6/25

All: 3628.273 $\pm$ 0.553 χ^2 /NDF: 7070607.7/49

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: -882.685 ± 674.623 χ^2/NDF : 25.6/17

Left In: -699.463 ± 779.160 χ^2/NDF : 2.8/6

Left: -80.609 ± 566.193 χ^2/NDF : 18.9/14

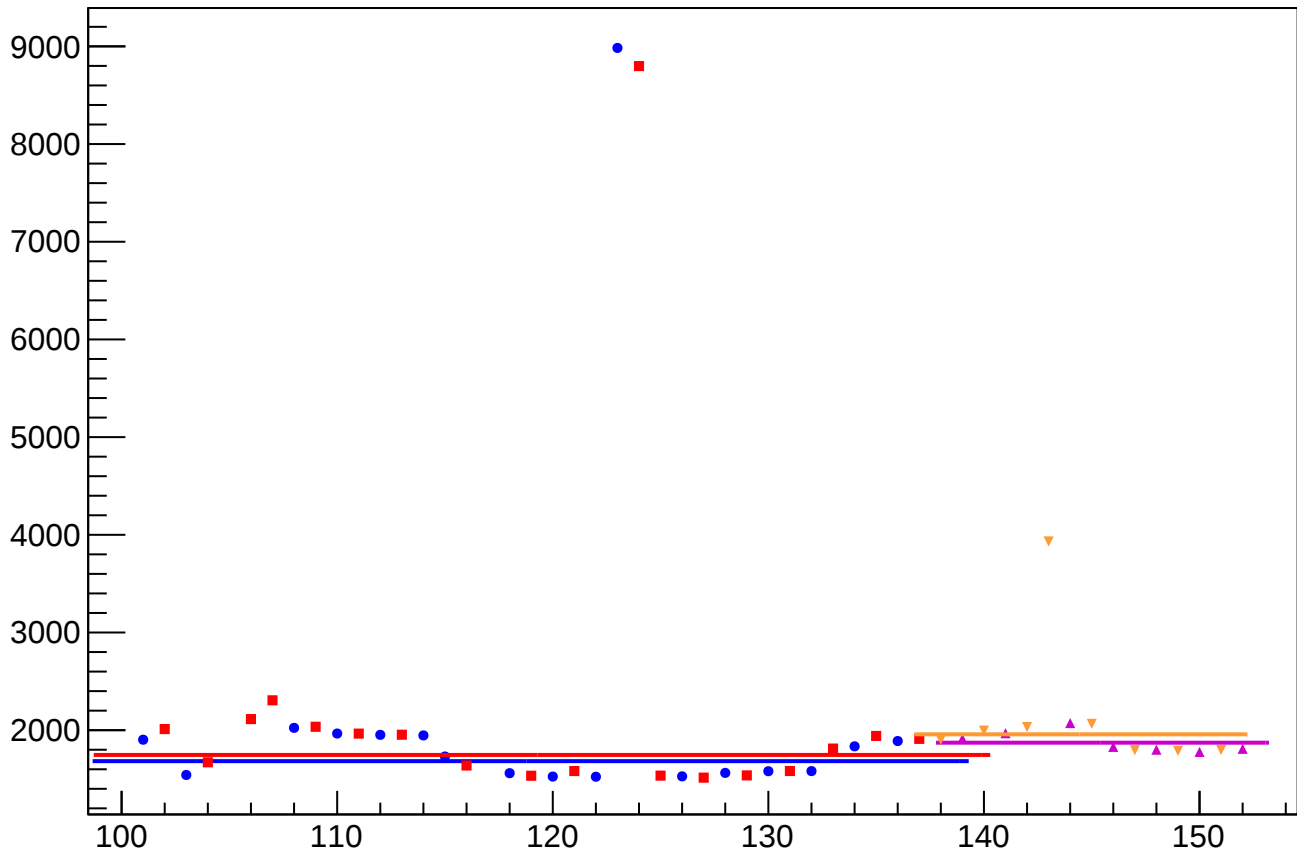
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -274.409 ± 502.898 χ^2/NDF : 15.2/23

Out: -283.086 ± 522.036 χ^2/NDF : 42.4/25

All: -278.586 ± 362.179 χ^2/NDF : 57.5/49

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: 1746.802+/-0.476 χ^2/NDF : 406724.0/17

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

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

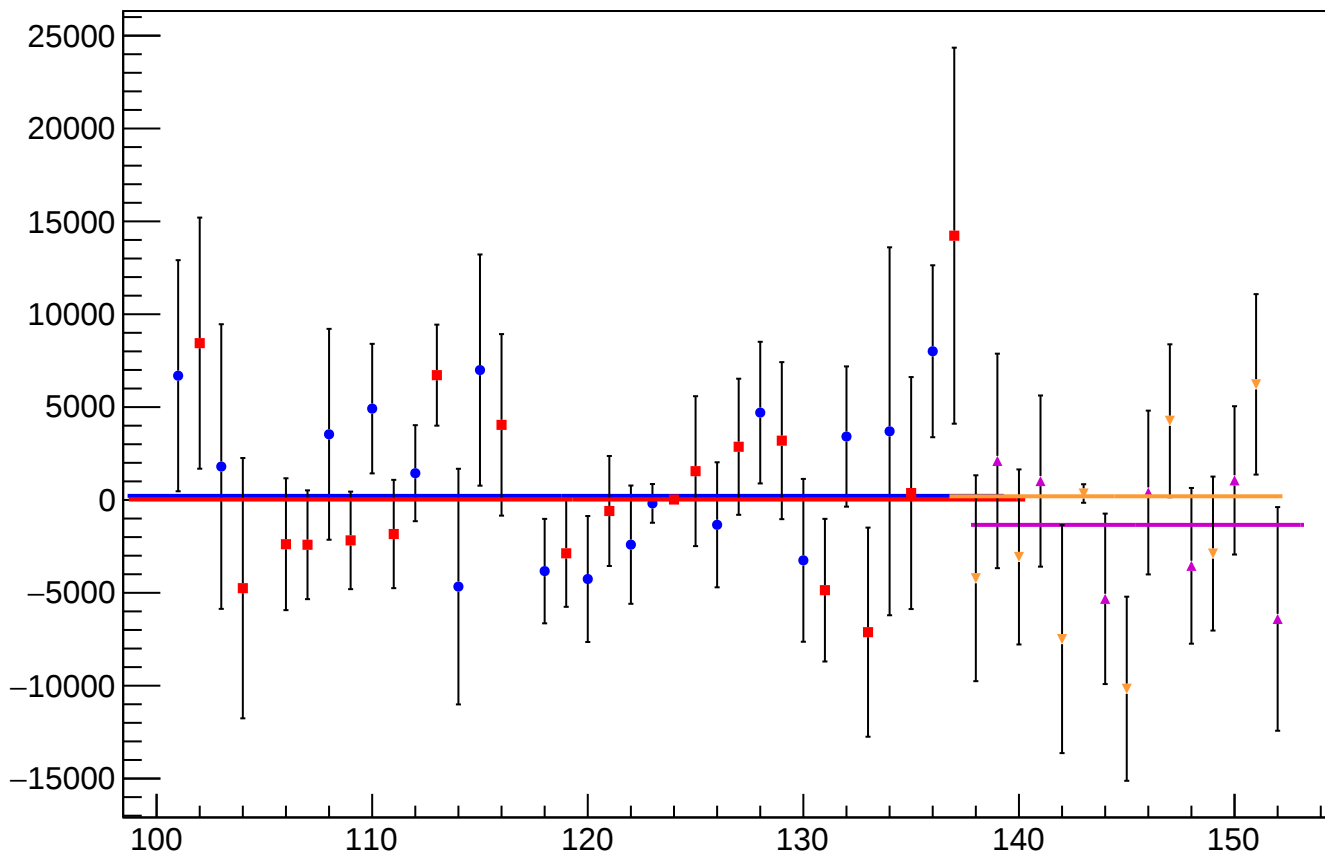
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

Out: 1831.244+/-0.369 χ^2/NDF : 919290.7/25

All: 1795.320+/-0.256 χ^2/NDF : 1233359.3/49

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

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

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

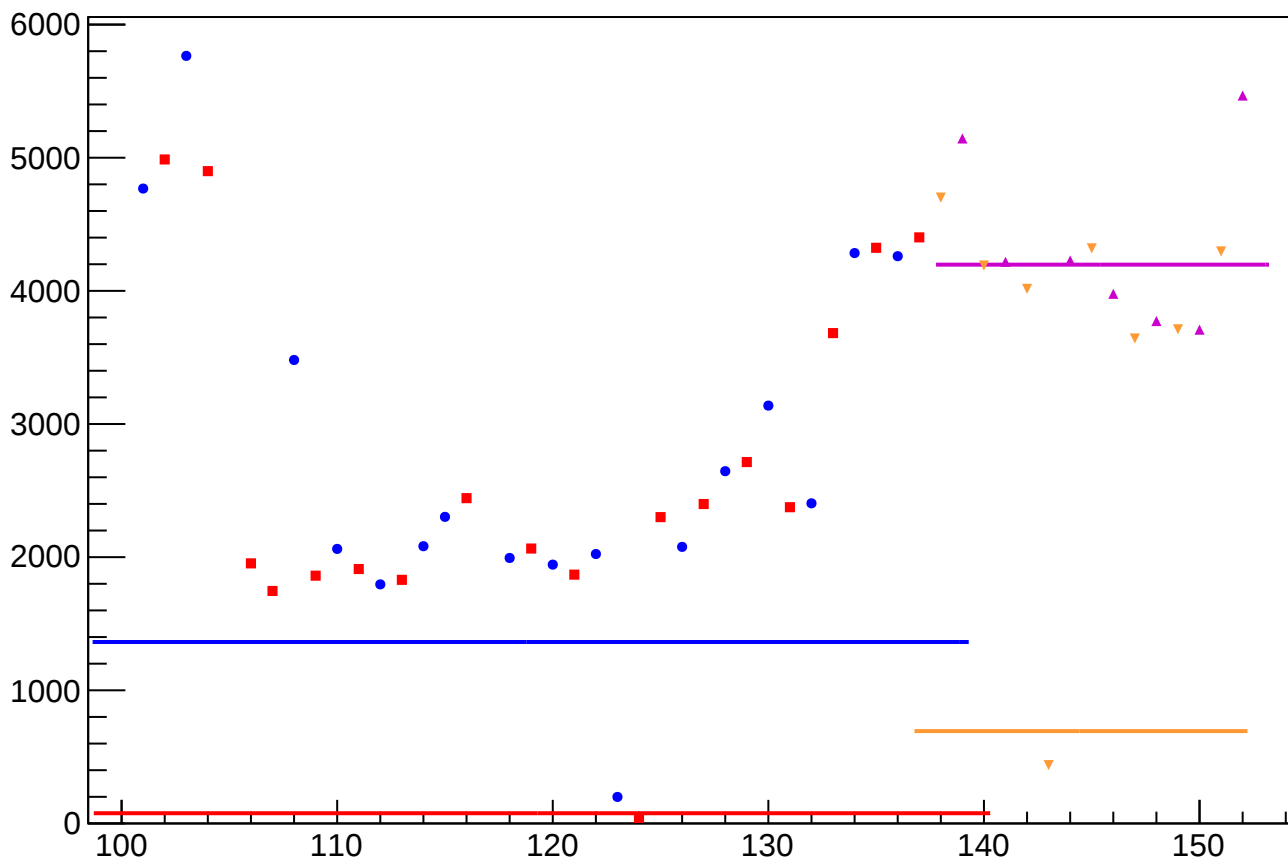
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

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

Out: 31.307 $\pm$ 111.056 χ^2 /NDF:28.9/25

All: 30.336 $\pm$ 109.548 χ^2 /NDF: 48.3/49

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

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

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

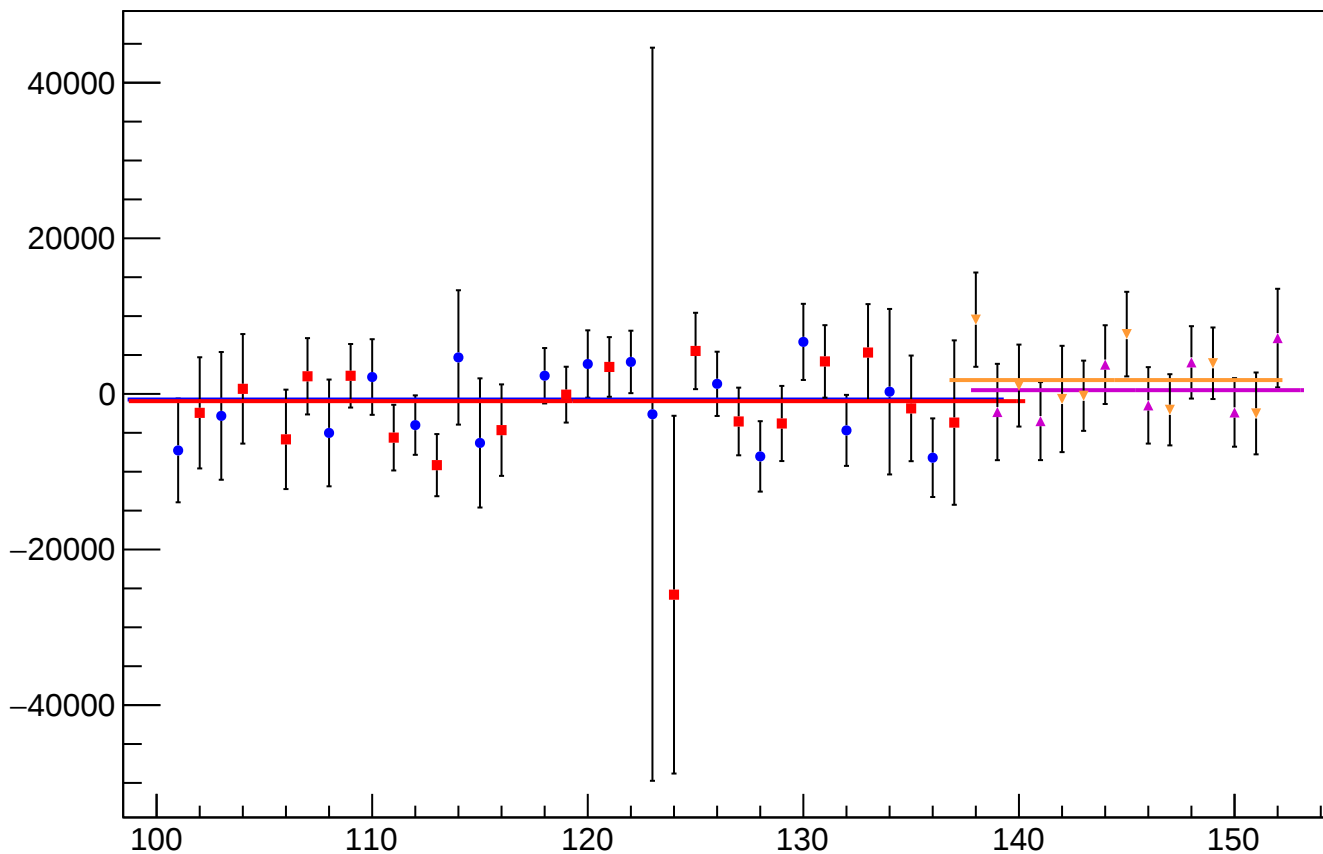
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

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

Out: 109.663 $\pm$ 0.079 χ^2 /NDF: 23735289.7/25

All: 154.453 $\pm$ 0.077 χ^2 /NDF: 46676208.6/49

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

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

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

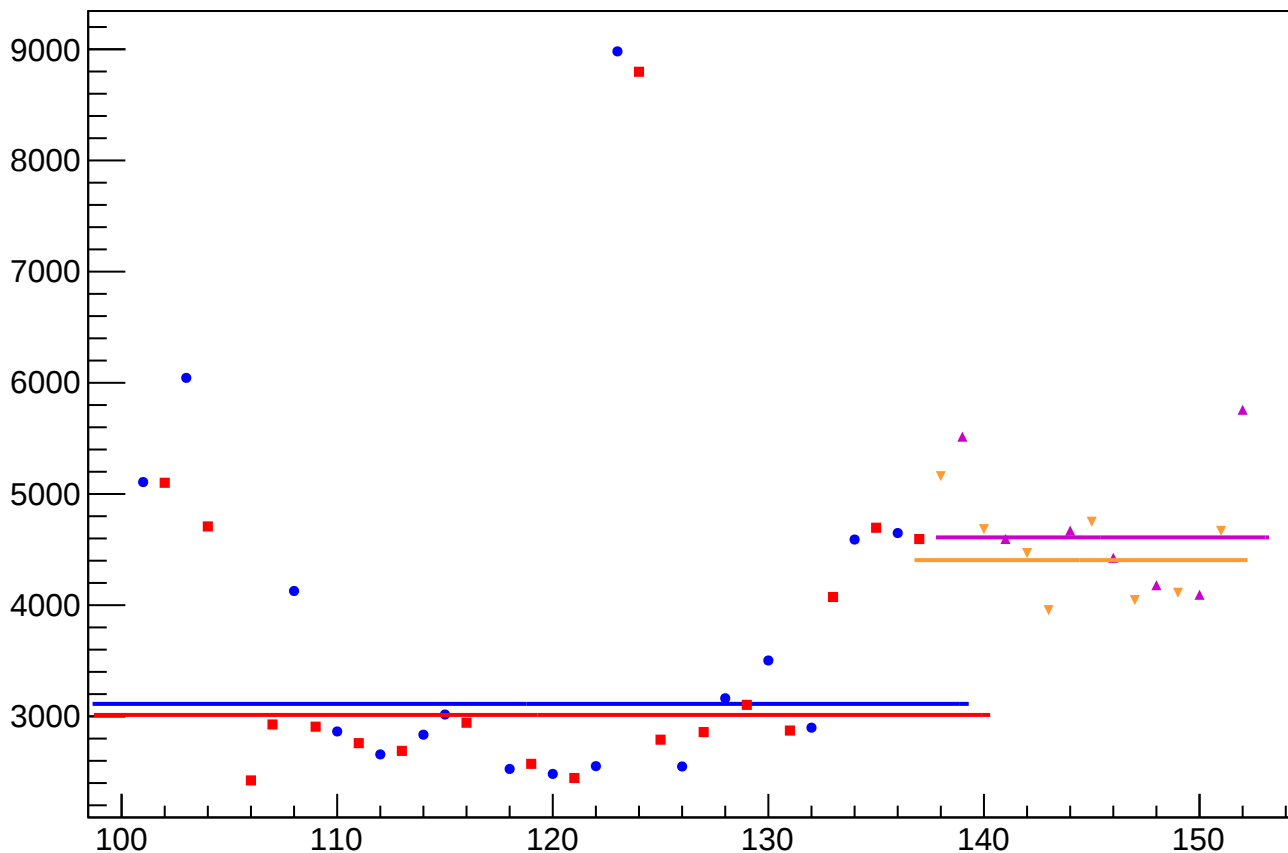
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -121.780+/-1000.150 χ^2/NDF : 21.2/25

All: -237.235+/-724.320 χ^2/NDF : 39.8/49

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: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

Left In: 4609.563+/-1.363 χ^2/NDF : 156085.5/6

Left: 4502.084+/-0.938 χ^2/NDF : 258113.3/14

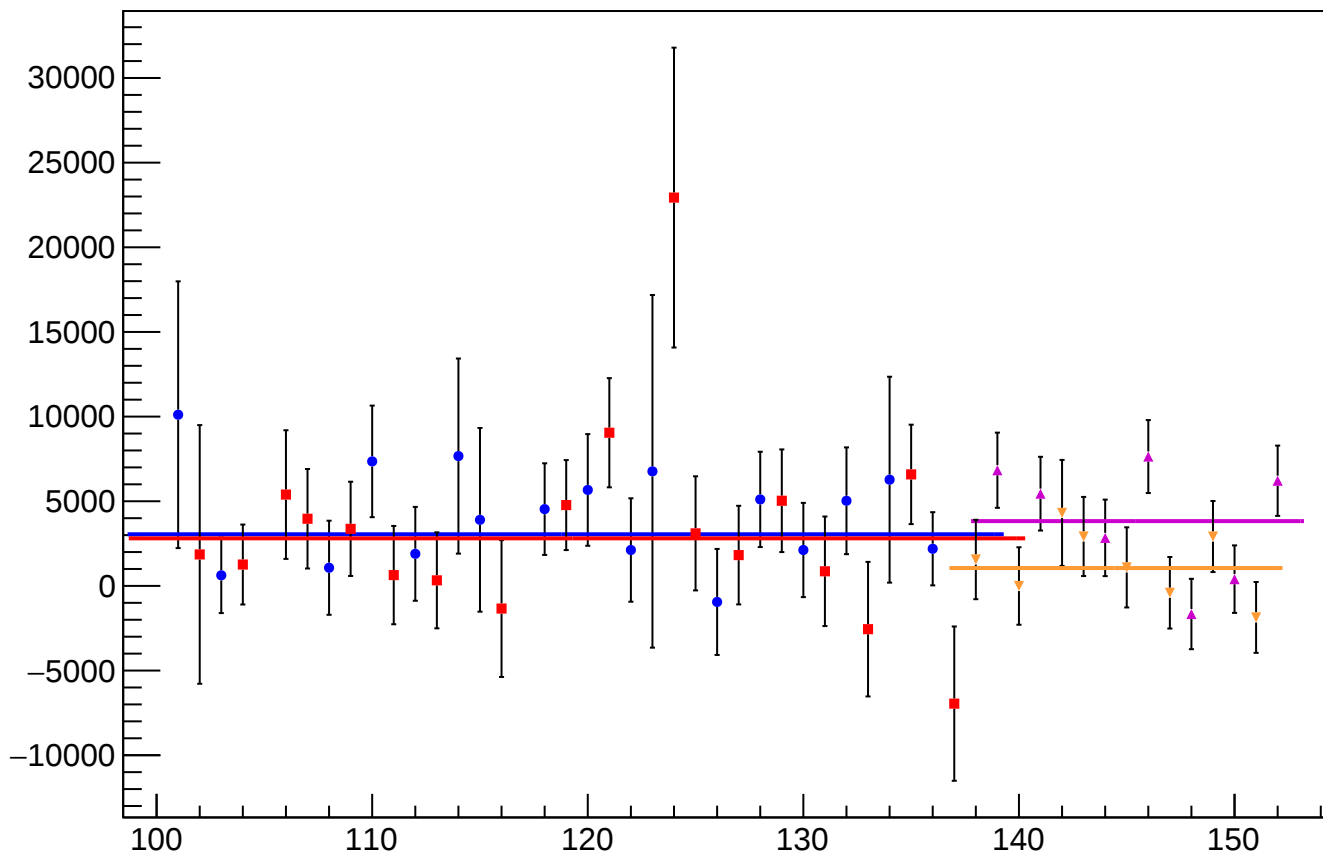
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3556.524+/-0.743 χ^2/NDF : 1962693.8/23

Out: 3421.670+/-0.701 χ^2/NDF : 1683097.8/25

All: 3485.199+/-0.510 χ^2/NDF : 3663227.6/49

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

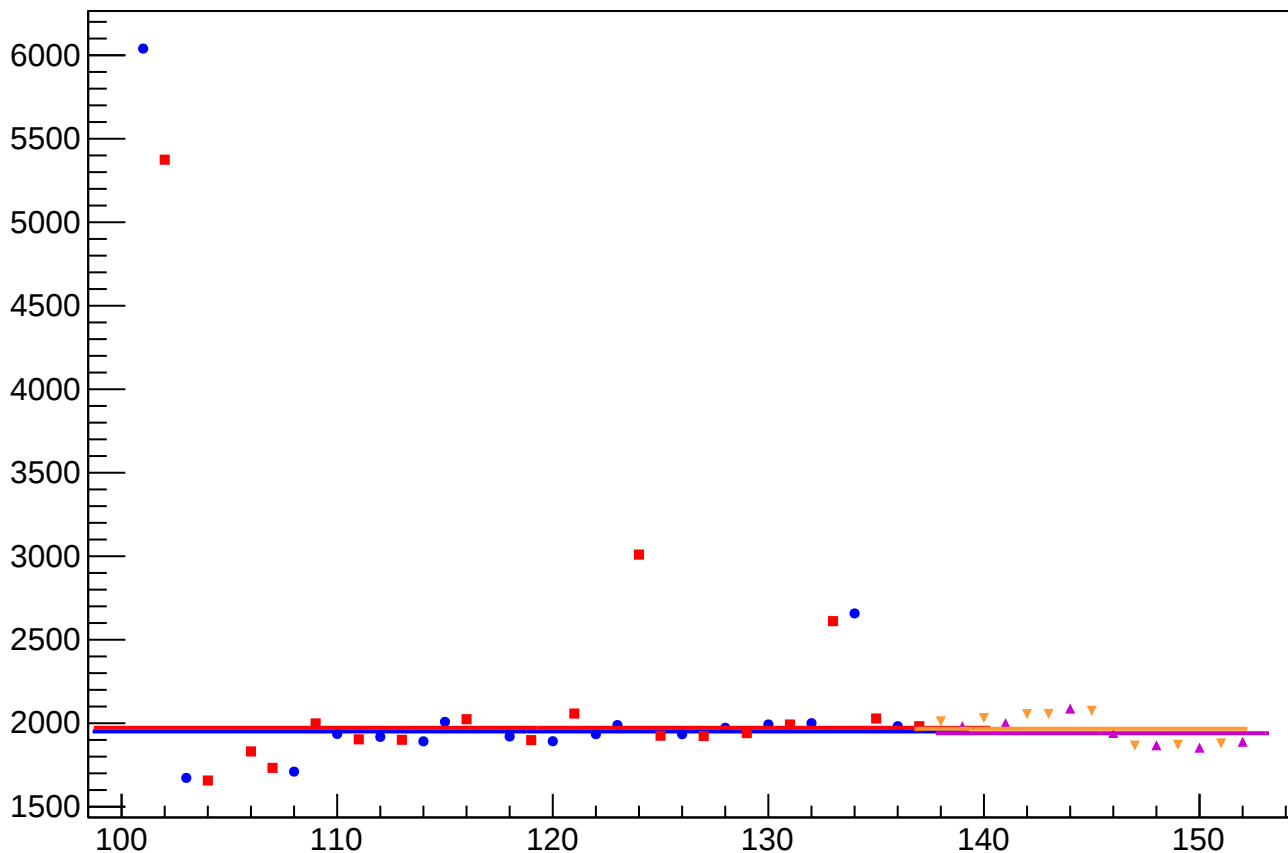
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

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

Out: 1982.835+/-557.330 χ^2/NDF :29.7/25

All: 2701.902+/-394.170 χ^2/NDF : 59.7/49

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

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

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

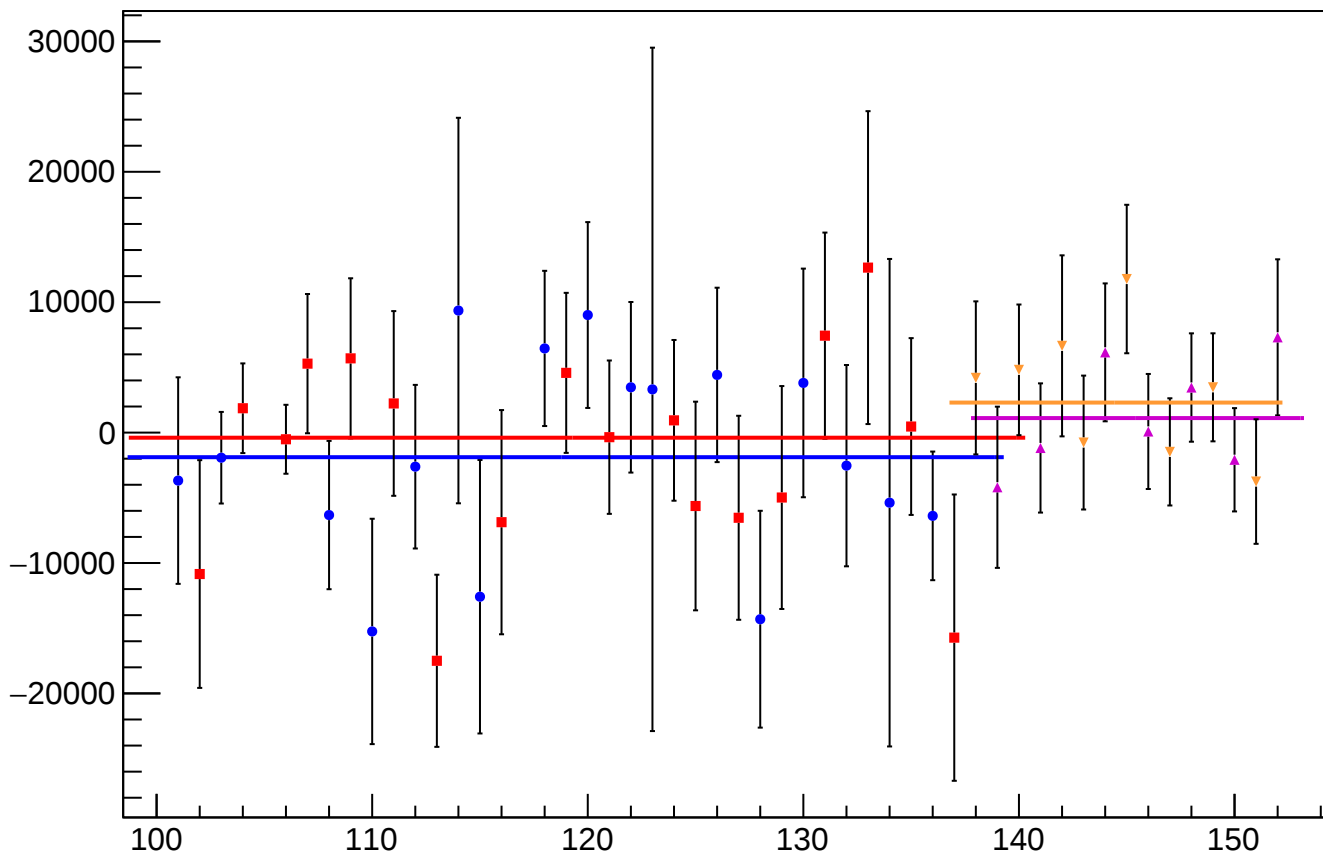
Right: 1961.803+/-0.385 χ^2/NDF : 1151656.3/34

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

Out: 1970.046+/-0.394 χ^2/NDF : 558915.9/25

All: 1957.913+/-0.279 χ^2/NDF : 1194318.3/49

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

Left In: 1113.705 $\pm$ 1814.693 χ^2 /NDF:4.0/6

Left: 1723.659 $\pm$ 1266.498 χ^2 /NDF: 10.6/14

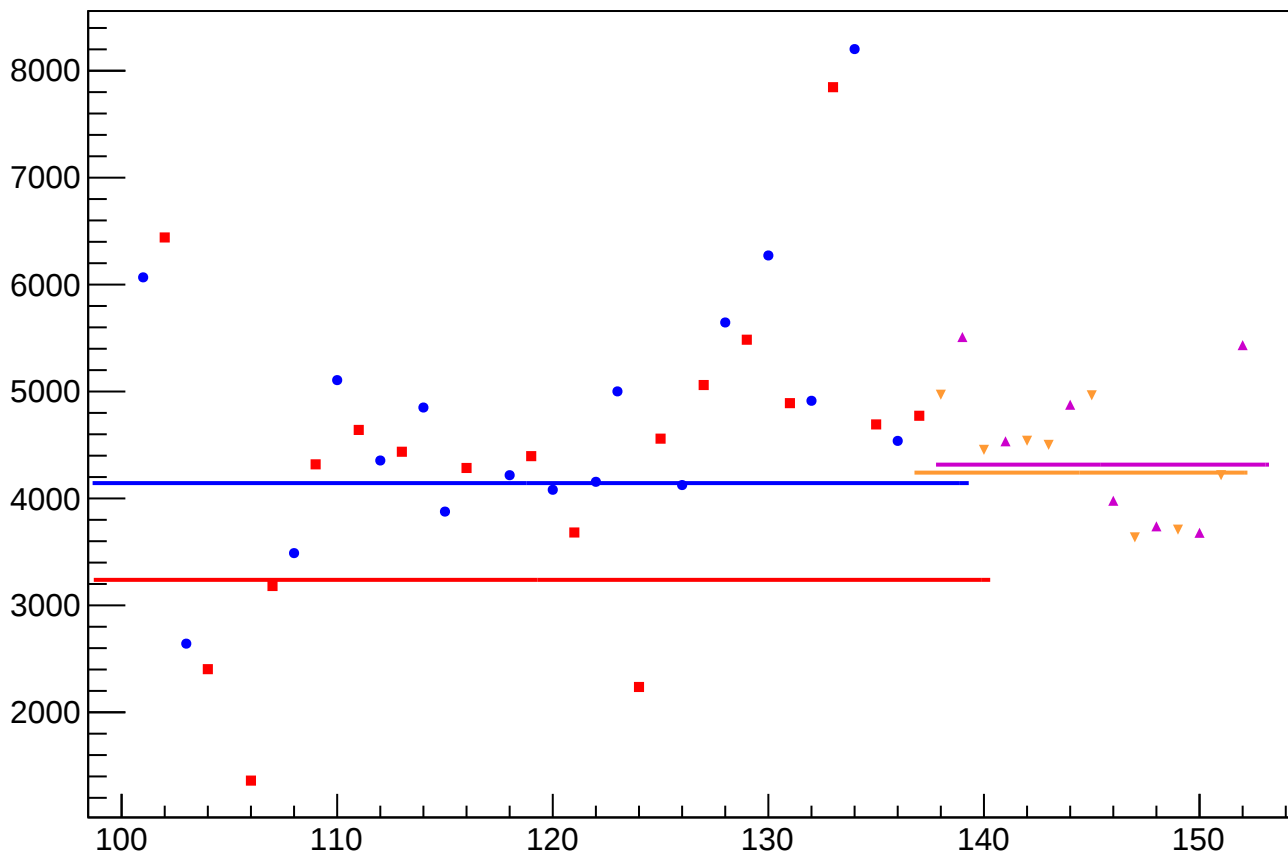
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -520.852 $\pm$ 1224.029 χ^2 /NDF:19.6/23

Out: 611.436 $\pm$ 1078.898 χ^2 /NDF:25.4/25

All: 116.366 $\pm$ 809.368 χ^2 /NDF: 45.5/49

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4241.518 $\pm$ 1.250 χ^2/NDF : 152142.7/7

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

Left In: 4316.174 $\pm$ 1.283 χ^2/NDF : 272747.2/6

Left: 4277.882 $\pm$ 0.896 χ^2/NDF : 426626.1/14

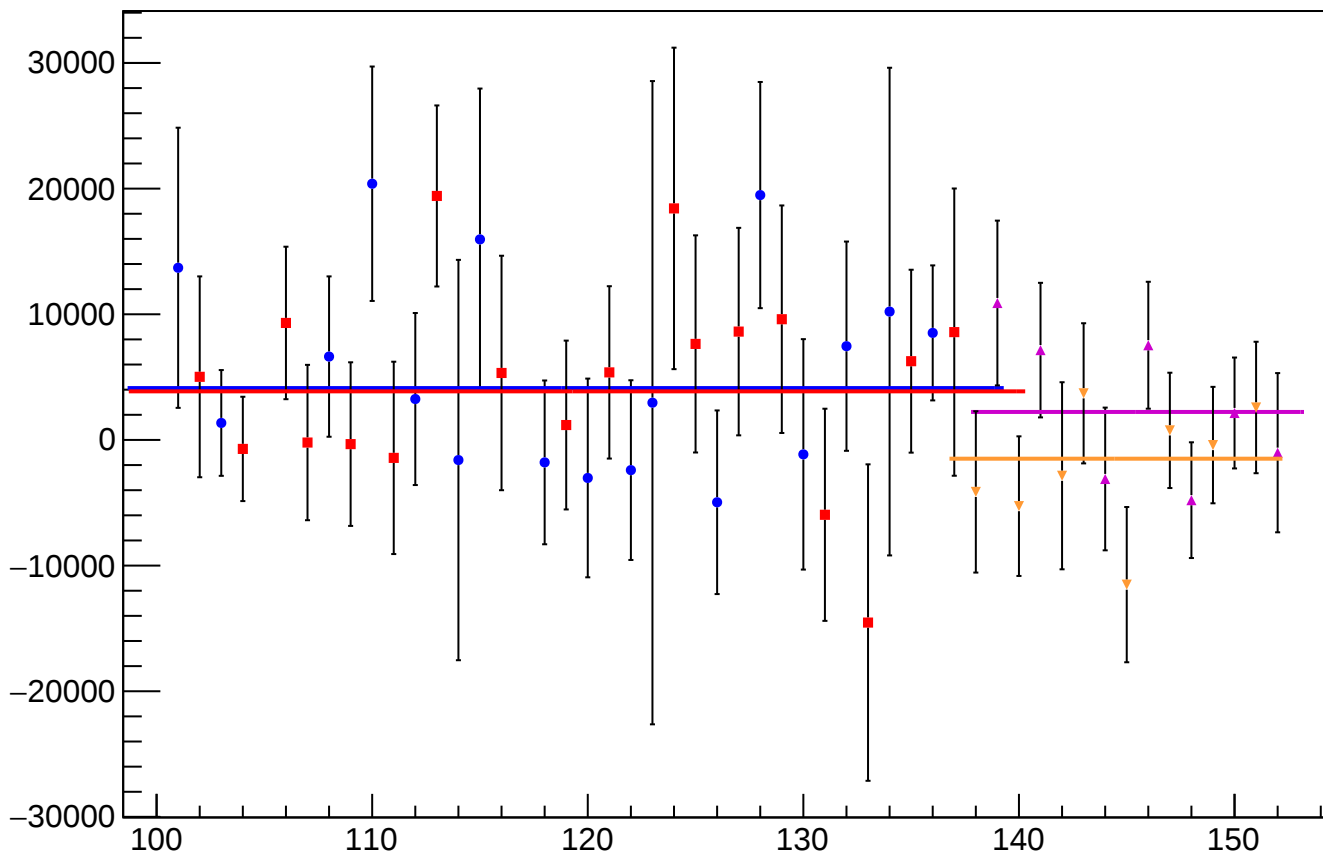
Right: 3603.092 $\pm$ 0.744 χ^2/NDF : 3793704.0/34

In: 4222.049 $\pm$ 0.866 χ^2/NDF : 1138591.9/23

Out: 3611.900 $\pm$ 0.763 χ^2/NDF : 3137947.9/25

All: 3878.675 $\pm$ 0.572 χ^2/NDF : 4556212.4/49

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -1492.676+/-1947.327 χ^2/NDF : 5.1/7

Right Out: 3866.479+/-1727.484 χ^2/NDF : 14.3/17

Left In: 2227.293+/-1992.962 χ^2/NDF : 7.2/6

Left: 324.232+/-1392.822 χ^2/NDF : 14.0/14

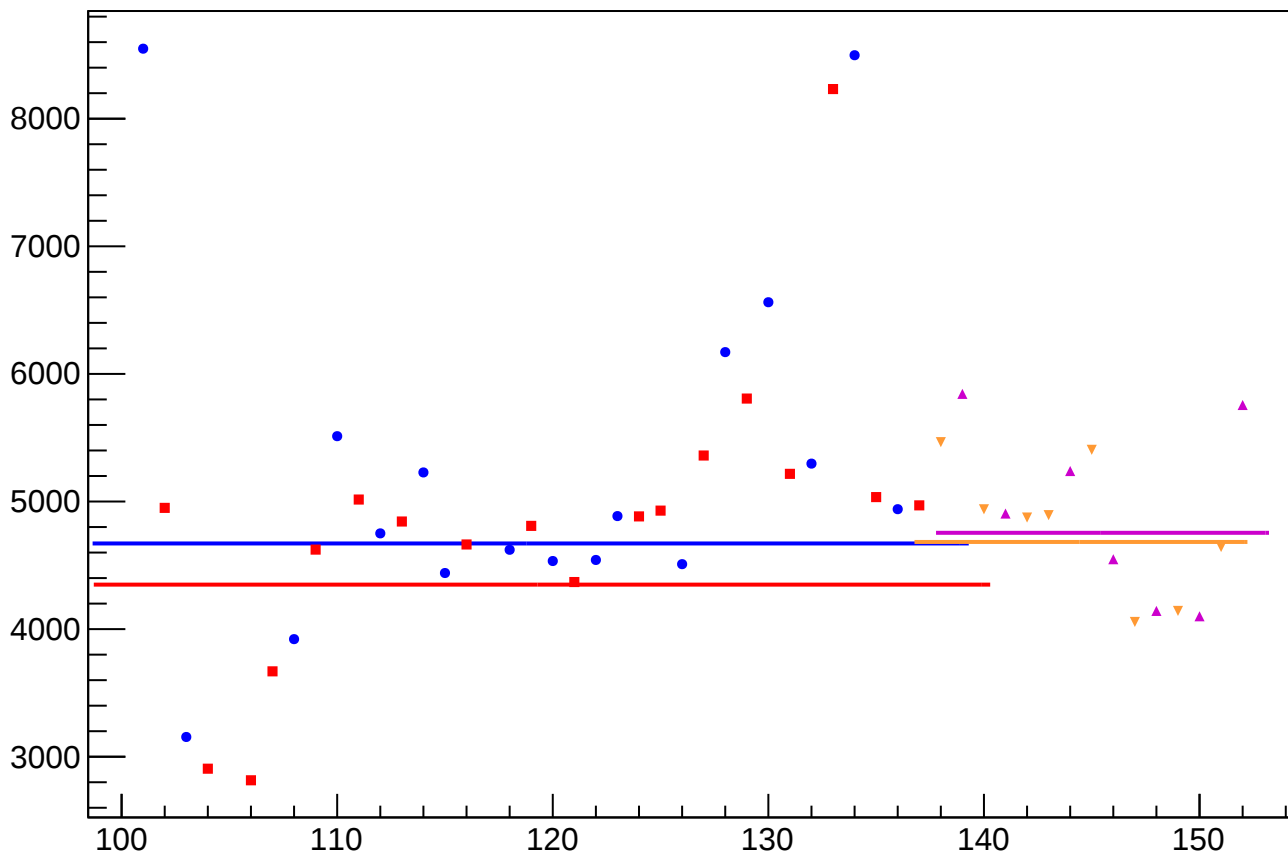
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3240.874+/-1360.991 χ^2/NDF : 21.3/23

Out: 1506.366+/-1292.282 χ^2/NDF : 23.6/25

All: 2328.733+/-937.130 χ^2/NDF : 45.7/49

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319 $\pm$ 1.317 χ^2/NDF : 786112.0/16

Left Out: 4683.122 $\pm$ 1.377 χ^2/NDF :130084.6/7

Right Out: 4348.716 $\pm$ 1.214 χ^2/NDF : 792425.3/17

Left In: 4754.836 $\pm$ 1.409 χ^2/NDF :203921.8/6

Left: 4718.149 $\pm$ 0.985 χ^2/NDF : 335331.2/14

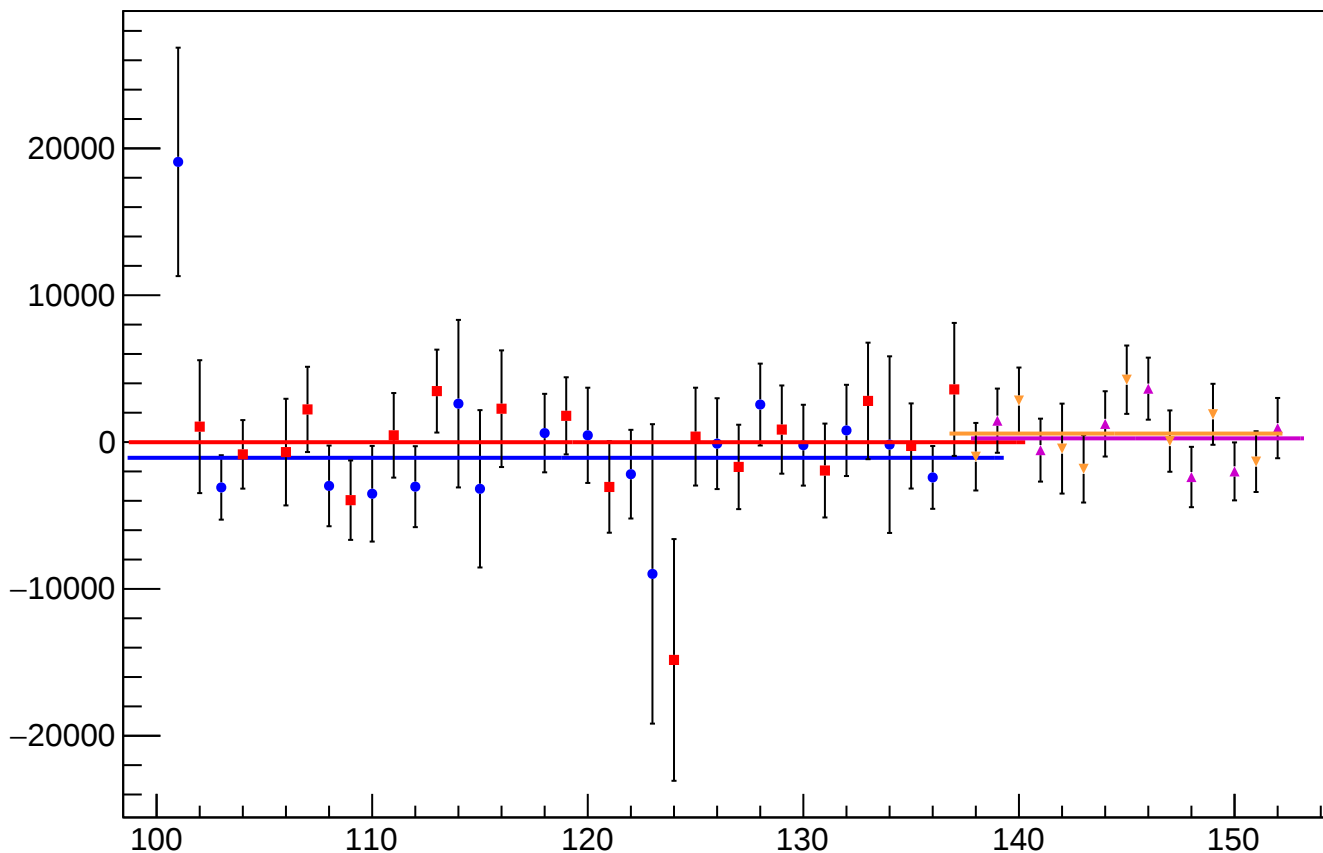
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4710.267 $\pm$ 0.962 χ^2/NDF :991908.0/23

Out: 4495.029 $\pm$ 0.911 χ^2/NDF :955684.1/25

All: 4596.728 $\pm$ 0.662 χ^2/NDF : 1973978.8/49

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: -8.910 ± 748.092 χ^2/NDF : 11.4/17

Left In: 252.884 ± 794.490 χ^2/NDF : 6.3/6

Left: 415.079 ± 563.720 χ^2/NDF : 12.8/14

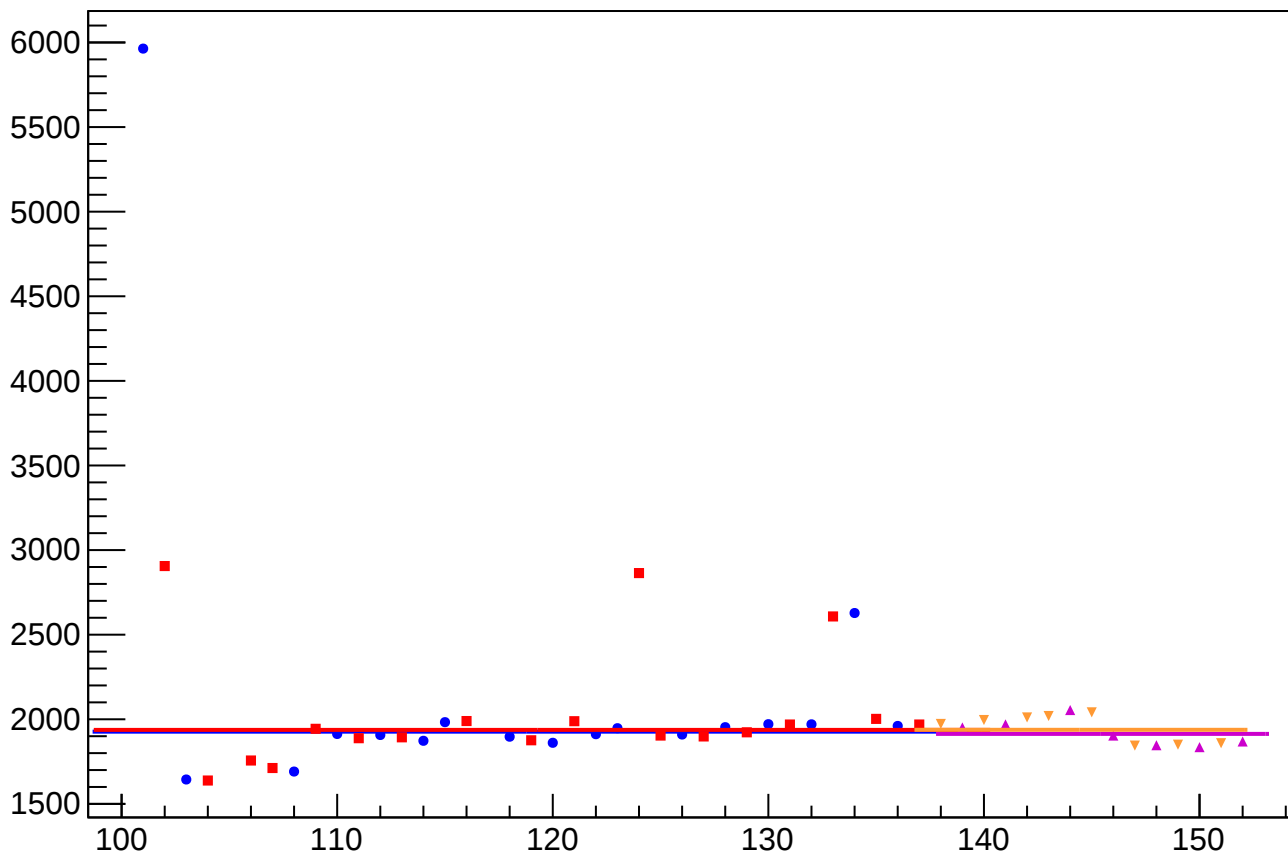
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -435.971 ± 550.307 χ^2/NDF : 21.4/23

Out: 265.605 ± 546.404 χ^2/NDF : 18.2/25

All: -82.686 ± 387.739 χ^2/NDF : 40.4/49

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: 1937.280+/-0.529 χ^2/NDF : 229079.5/17

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

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

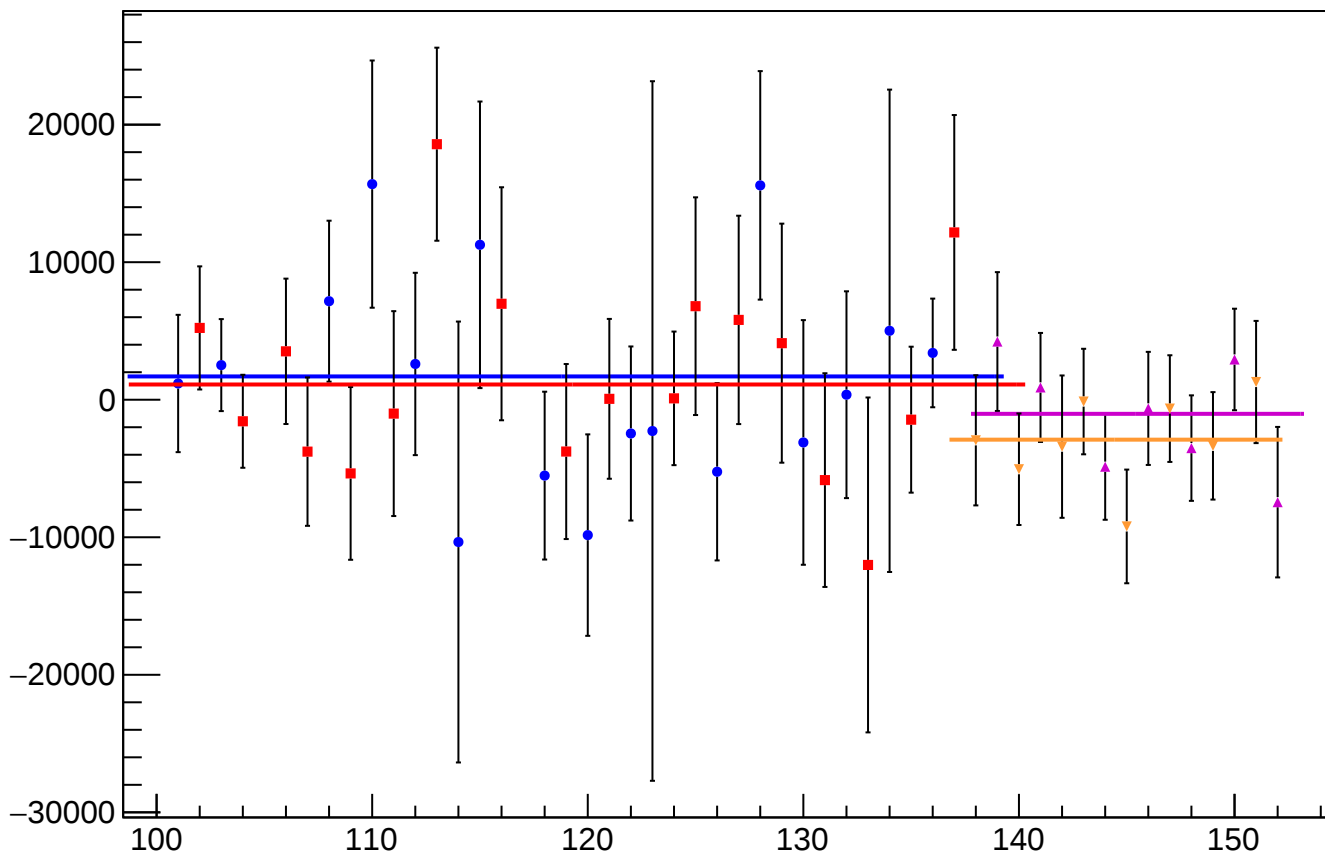
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

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

Out: 1937.543+/-0.386 χ^2/NDF : 248955.6/25

All: 1929.102+/-0.274 χ^2/NDF : 883620.1/49

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1107.921 $\pm$ 1412.697 χ^2/NDF : 15.9/17

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

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

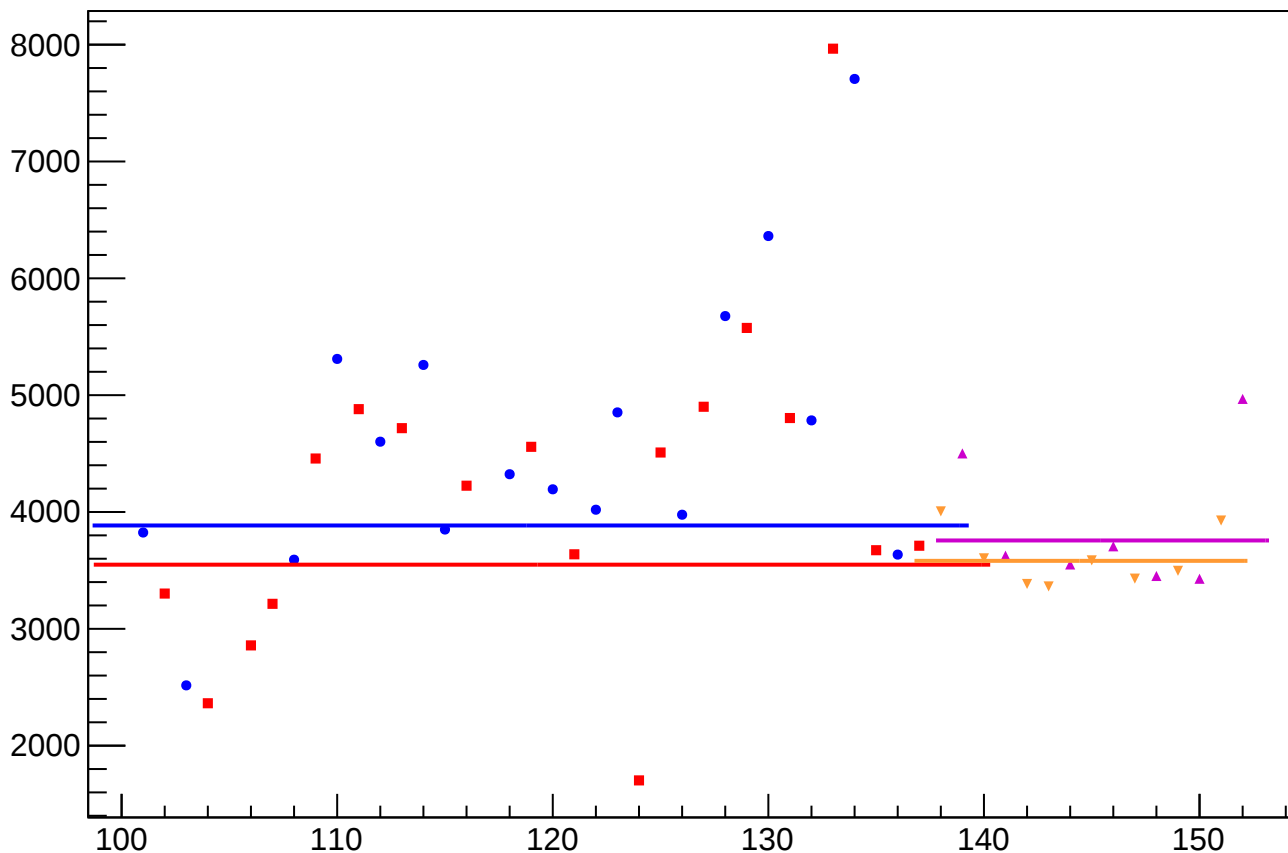
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

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

Out: -794.576 $\pm$ 1024.292 χ^2/NDF : 24.1/25

All: -264.278 $\pm$ 751.154 χ^2/NDF : 45.1/49

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: 3549.133 $\pm$ 0.999 χ^2 /NDF: 1326947.7/17

Left In: 3756.339 $\pm$ 1.112 χ^2 /NDF: 178091.7/6

Left: 3664.205 $\pm$ 0.764 χ^2 /NDF: 232697.1/14

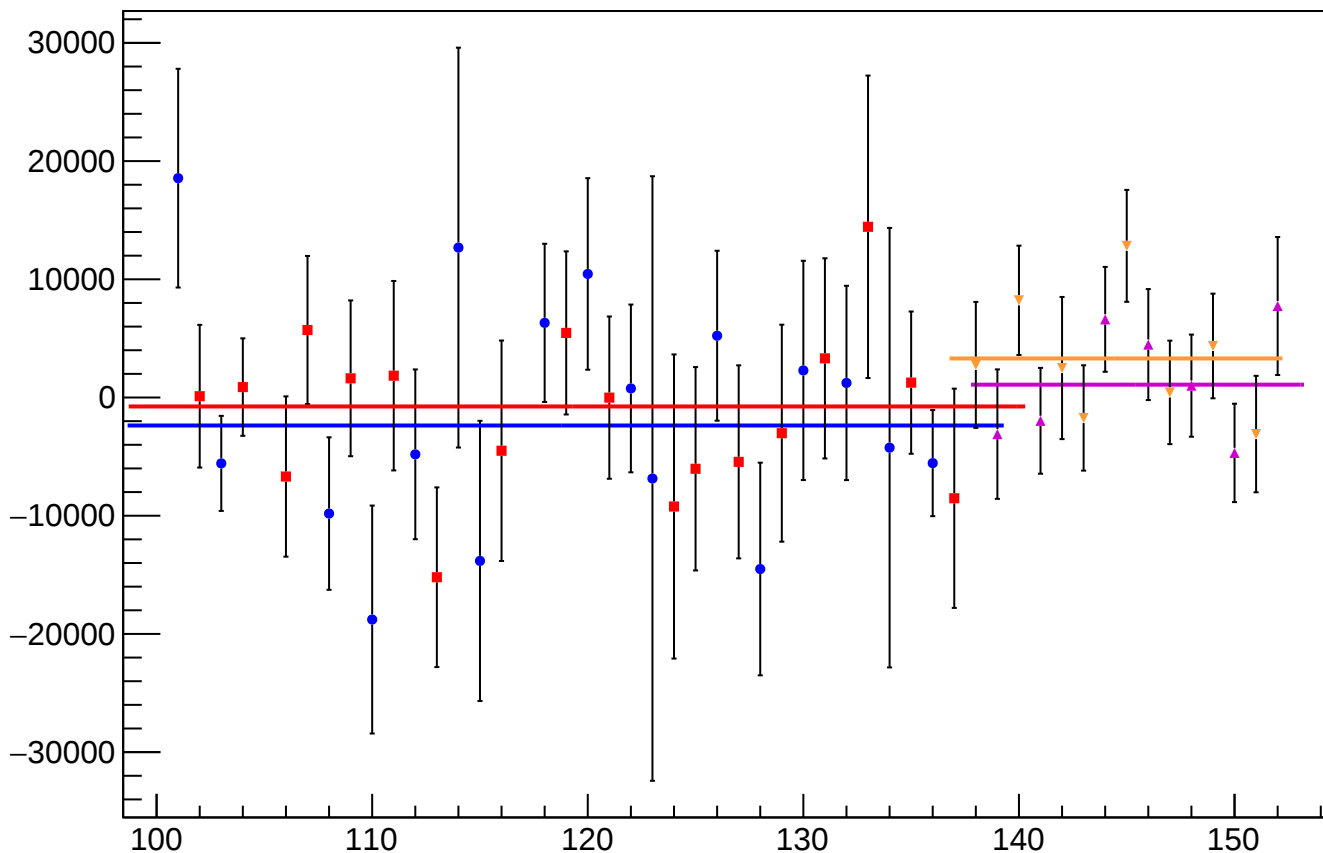
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 3821.347 $\pm$ 0.781 χ^2 /NDF: 1011392.7/23

Out: 3564.658 $\pm$ 0.724 χ^2 /NDF: 1369074.0/25

All: 3683.303 $\pm$ 0.531 χ^2 /NDF: 2438521.7/49

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526+/-1801.942 χ^2/NDF : 20.1/16

Left Out: 3305.956+/-1692.597 χ^2/NDF : 8.7/7

Right Out: -755.757+/-1693.103 χ^2/NDF : 10.5/17

Left In: 1087.962+/-1767.587 χ^2/NDF : 6.3/6

Left: 2245.006+/-1222.498 χ^2/NDF : 15.8/14

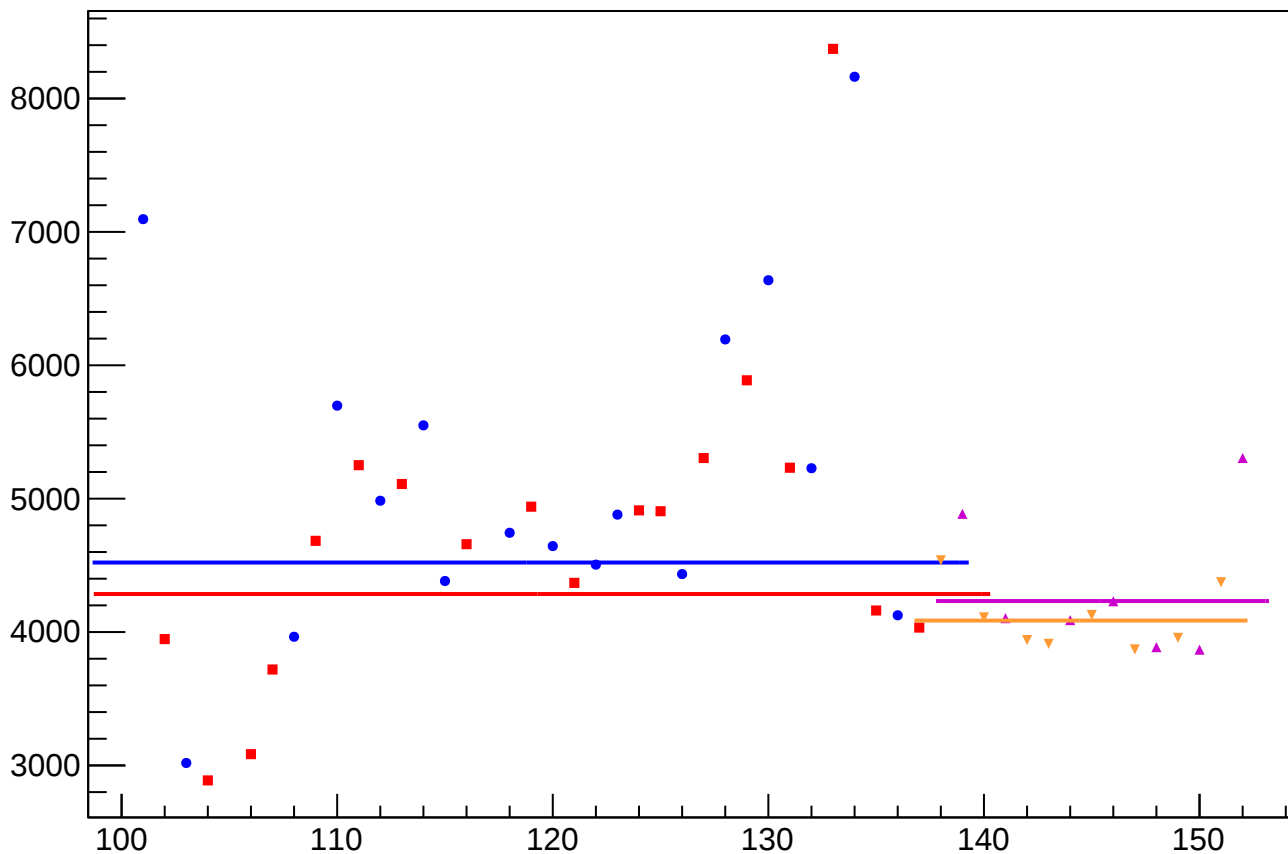
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -606.527+/-1261.844 χ^2/NDF : 28.4/23

Out: 1275.707+/-1197.025 χ^2/NDF : 22.0/25

All: 384.173+/-868.436 χ^2/NDF : 51.6/49

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 4285.069 $\pm$ 1.191 χ^2/NDF : 746400.9/17

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

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

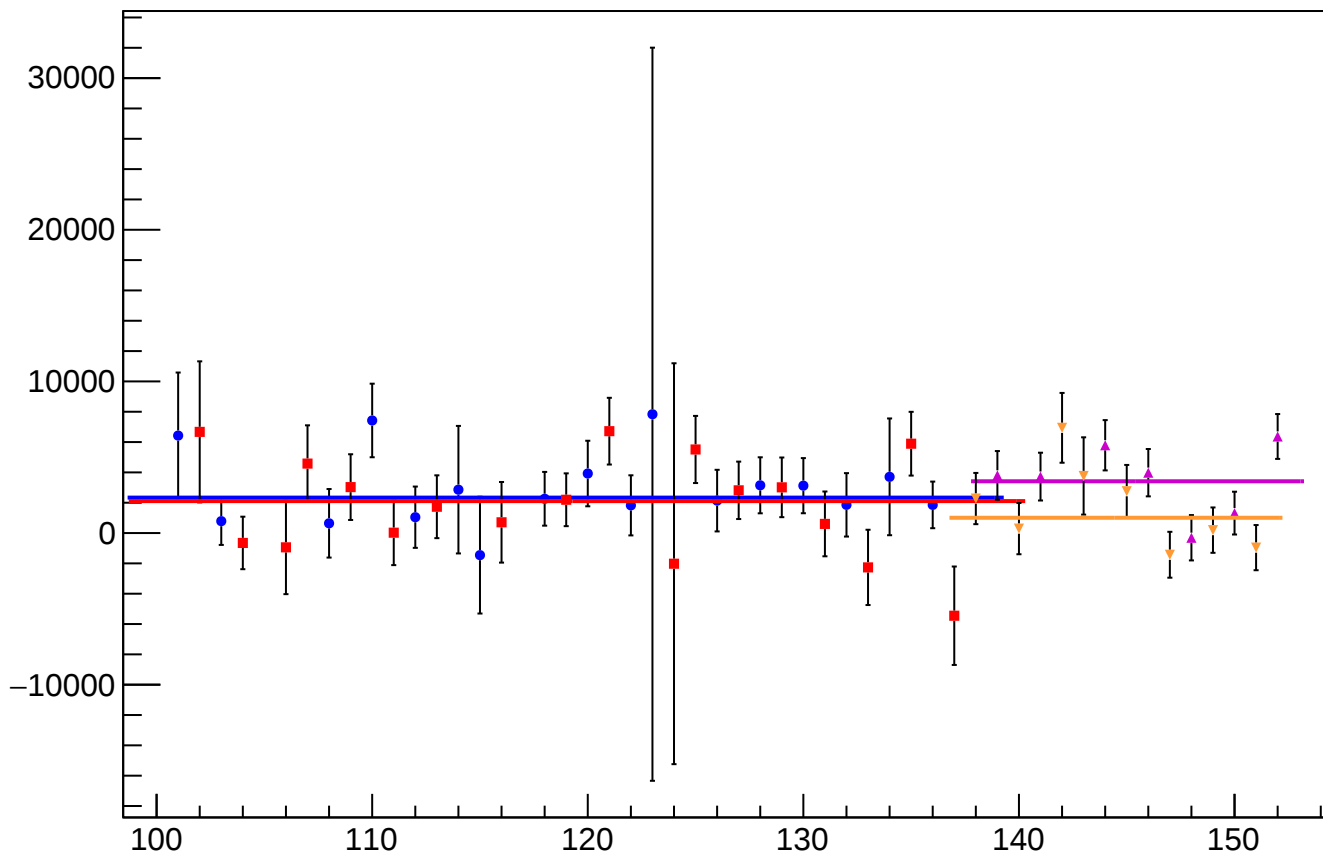
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

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

Out: 4186.141 $\pm$ 0.844 χ^2/NDF : 792495.1/25

All: 4274.884 $\pm$ 0.613 χ^2/NDF : 1748652.3/49

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: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 3414.736 $\pm$ 580.112 χ^2 /NDF:14.7/6

Left: 2266.536 $\pm$ 419.492 χ^2 /NDF: 37.1/14

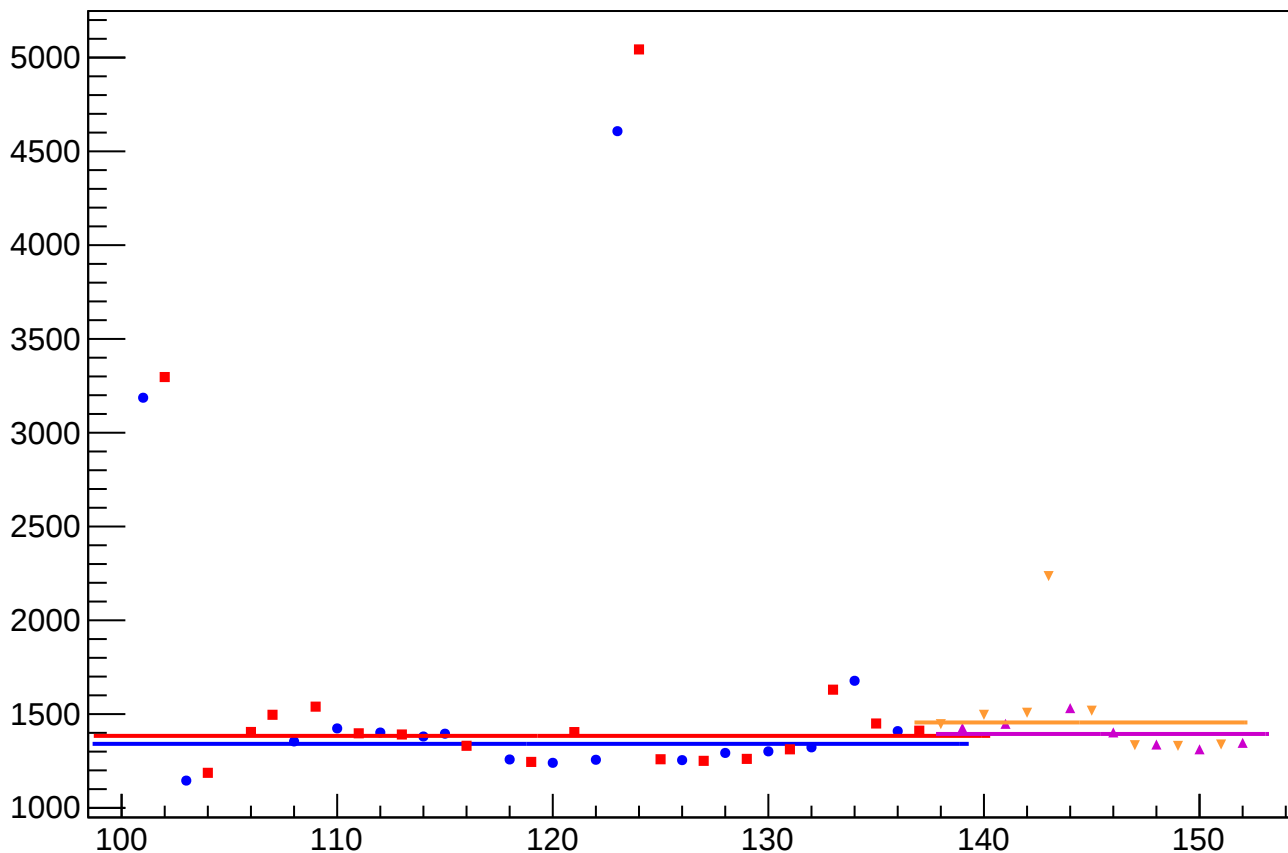
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2828.443 $\pm$ 391.741 χ^2 /NDF:26.2/23

Out: 1622.261 $\pm$ 403.388 χ^2 /NDF:42.4/25

All: 2243.016 $\pm$ 281.030 χ^2 /NDF: 73.2/49

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1455.413 $\pm$ 0.429 χ^2/NDF : 231517.0/7

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

Left In: 1394.116 $\pm$ 0.410 χ^2/NDF : 28623.2/6

Left: 1423.361 $\pm$ 0.297 χ^2/NDF : 270793.6/14

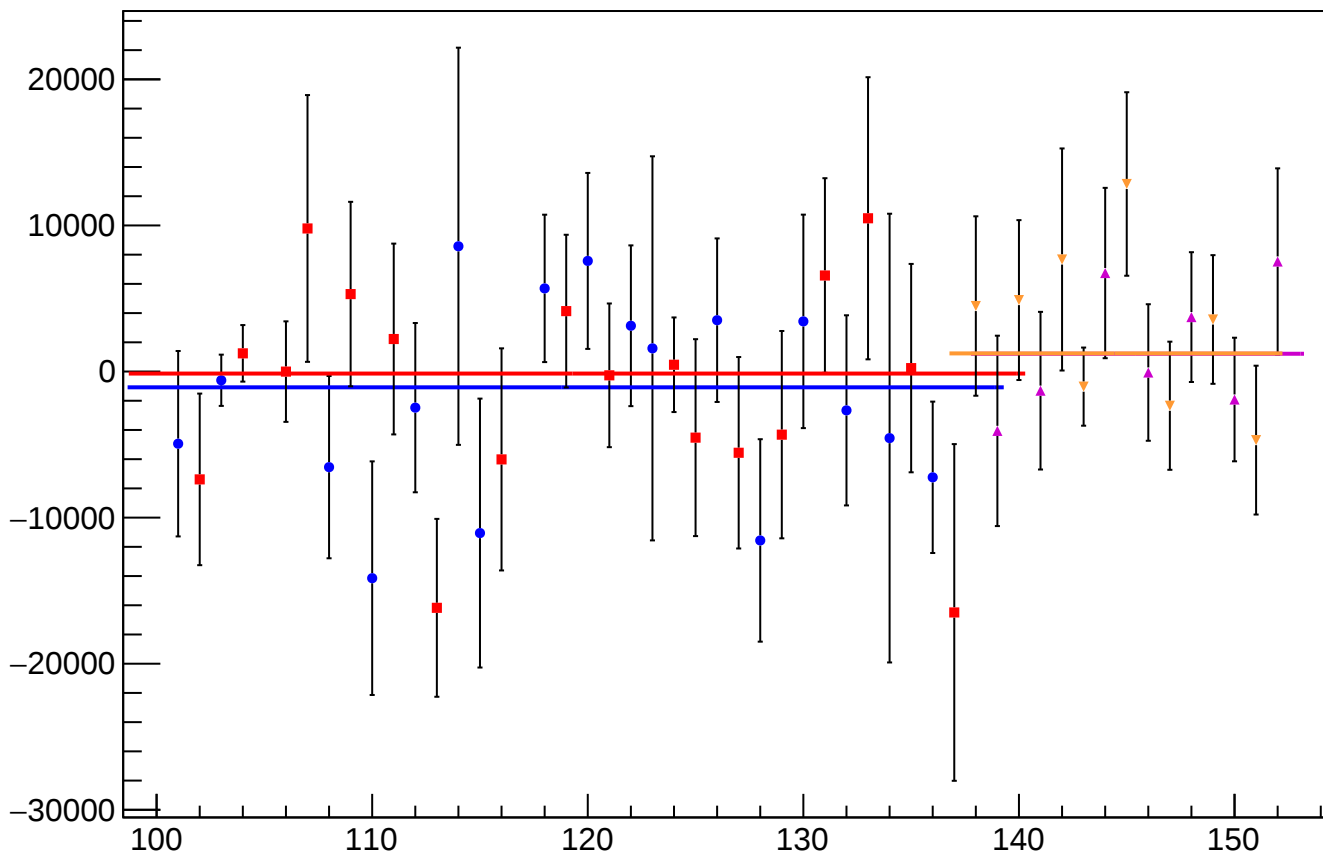
Right: 1362.318 $\pm$ 0.268 χ^2/NDF : 1104435.3/34

In: 1365.425 $\pm$ 0.277 χ^2/NDF : 541888.4/23

Out: 1415.442 $\pm$ 0.285 χ^2/NDF : 840859.3/25

All: 1389.707 $\pm$ 0.199 χ^2/NDF : 1398576.6/49

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

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

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

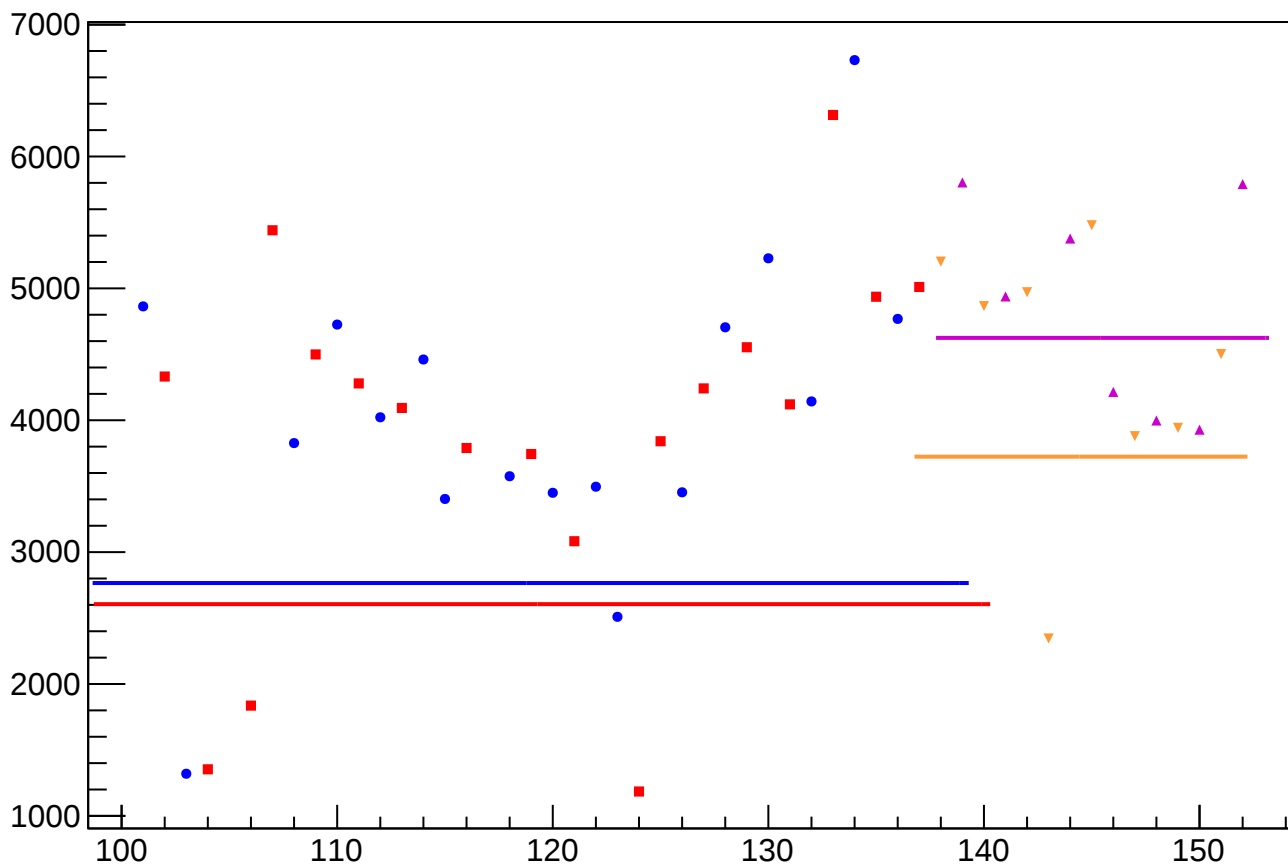
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

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

Out: 315.066+/-925.071 χ^2/NDF : 26.4/25

All: -21.640+/-687.916 χ^2/NDF : 46.4/49

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: 2605.528+/-0.799 χ^2/NDF : 3322334.9/17

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

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

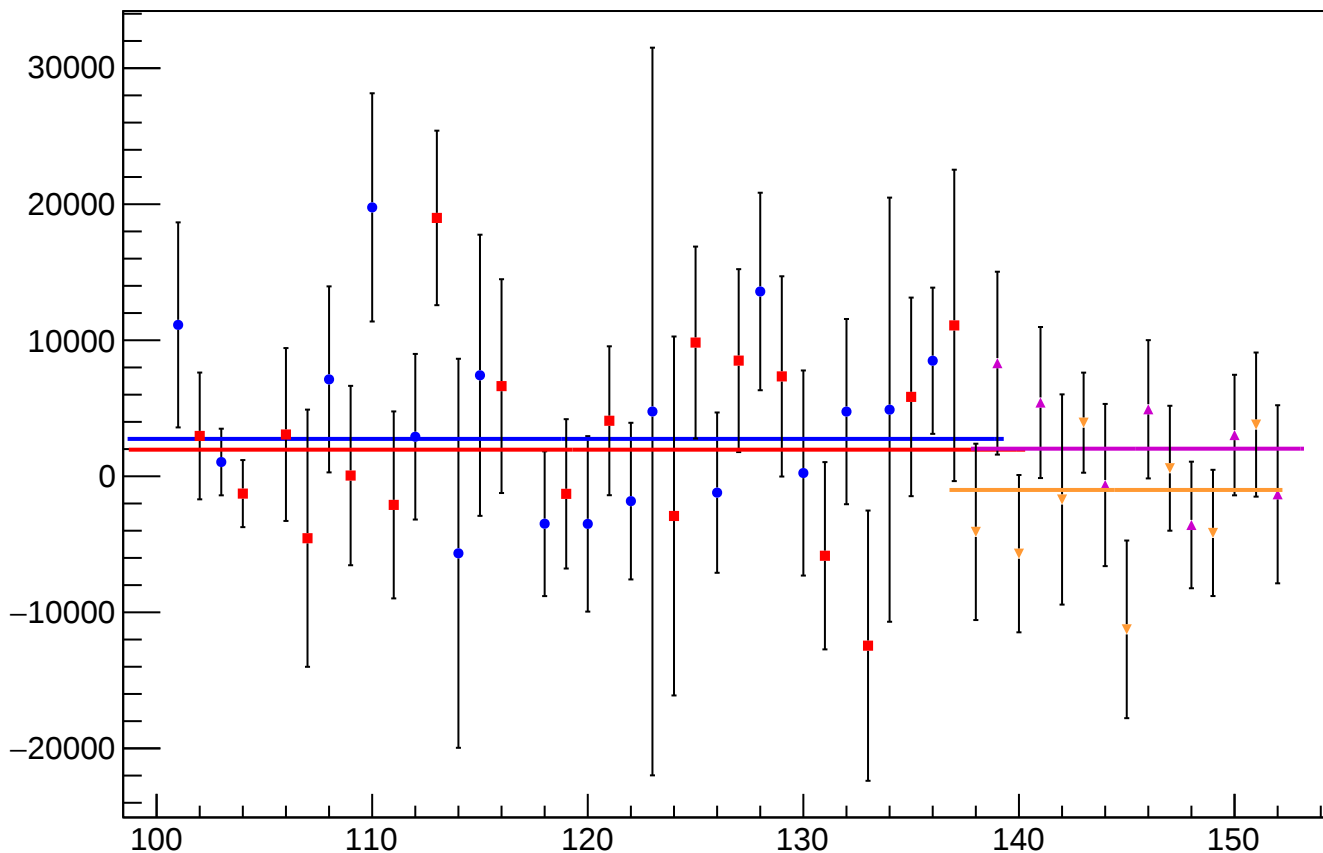
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

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

Out: 2973.475+/-0.654 χ^2/NDF : 4966210.2/25

All: 3113.075+/-0.486 χ^2/NDF : 9604349.6/49

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

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

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

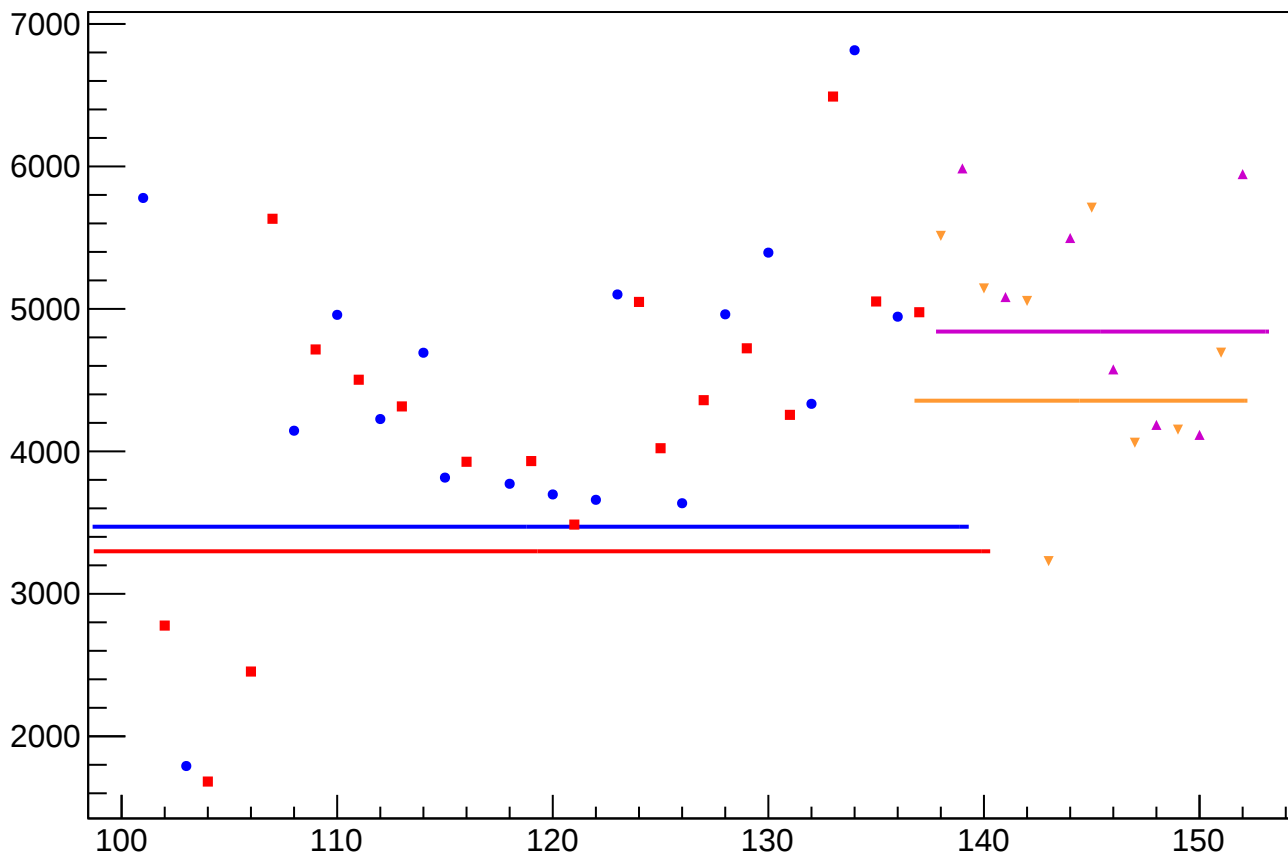
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

Out: 881.447+/-1104.868 χ^2/NDF : 26.0/25

All: 1641.477+/-806.103 χ^2/NDF : 44.4/49

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

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

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

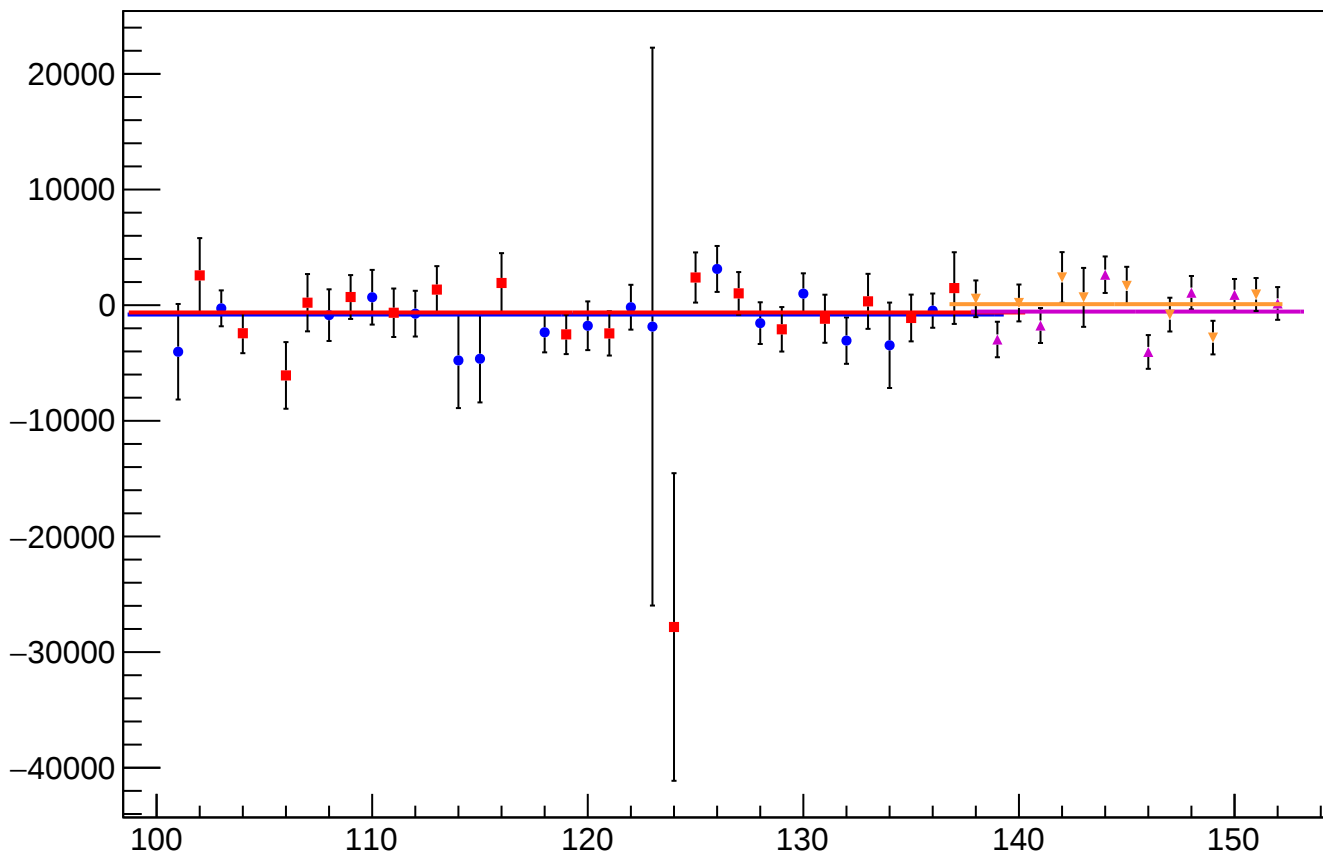
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

Out: 3677.860+/-0.777 χ^2/NDF : 2723189.1/25

All: 3795.757+/-0.568 χ^2/NDF : 5385180.4/49

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

Left In: -554.988+/-555.076 χ^2/NDF : 15.6/6

Left: -248.477+/-401.531 χ^2/NDF : 23.1/14

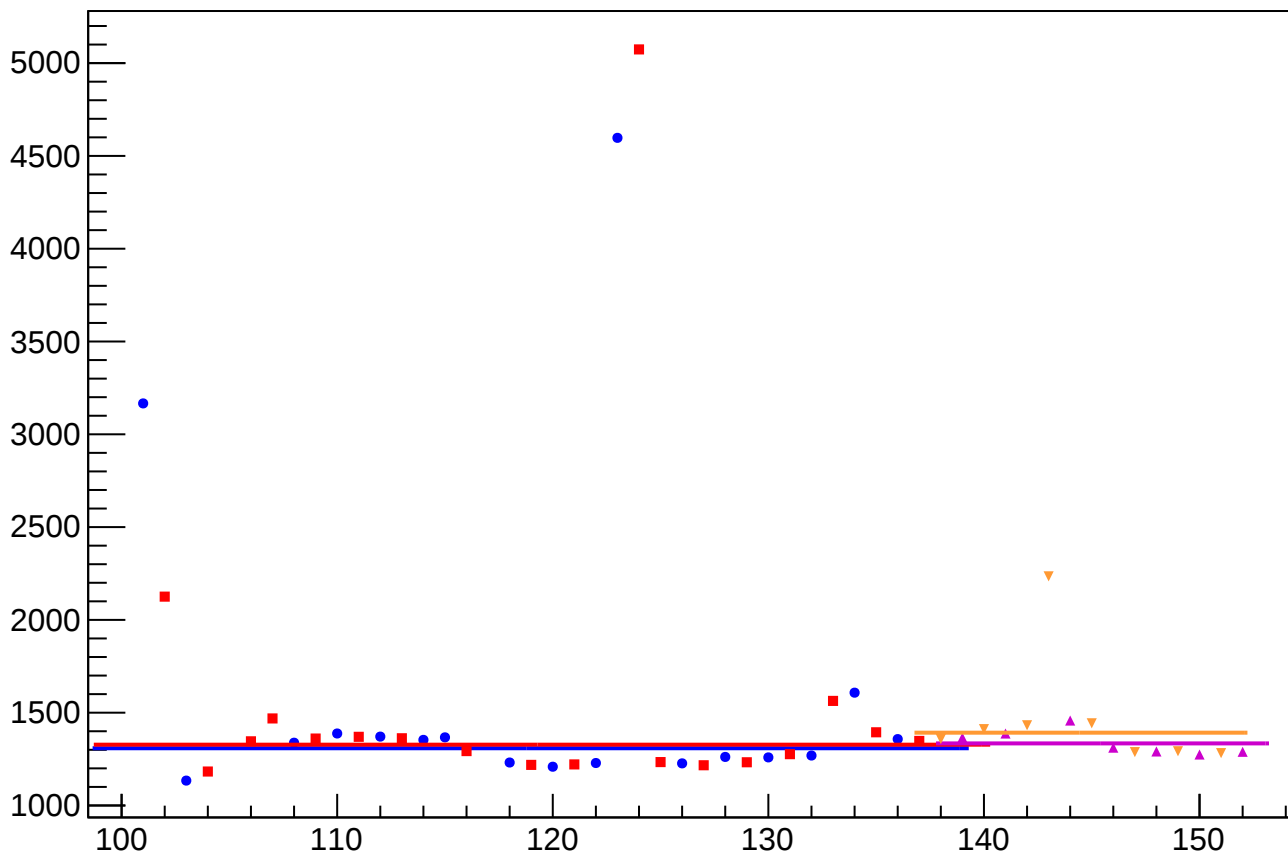
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -690.723+/-378.785 χ^2/NDF : 26.9/23

Out: -314.842+/-385.523 χ^2/NDF : 26.3/25

All: -506.095+/-270.192 χ^2/NDF : 53.6/49

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: 1327.647 $\pm$ 0.364 χ^2 /NDF: 357330.6/17

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

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

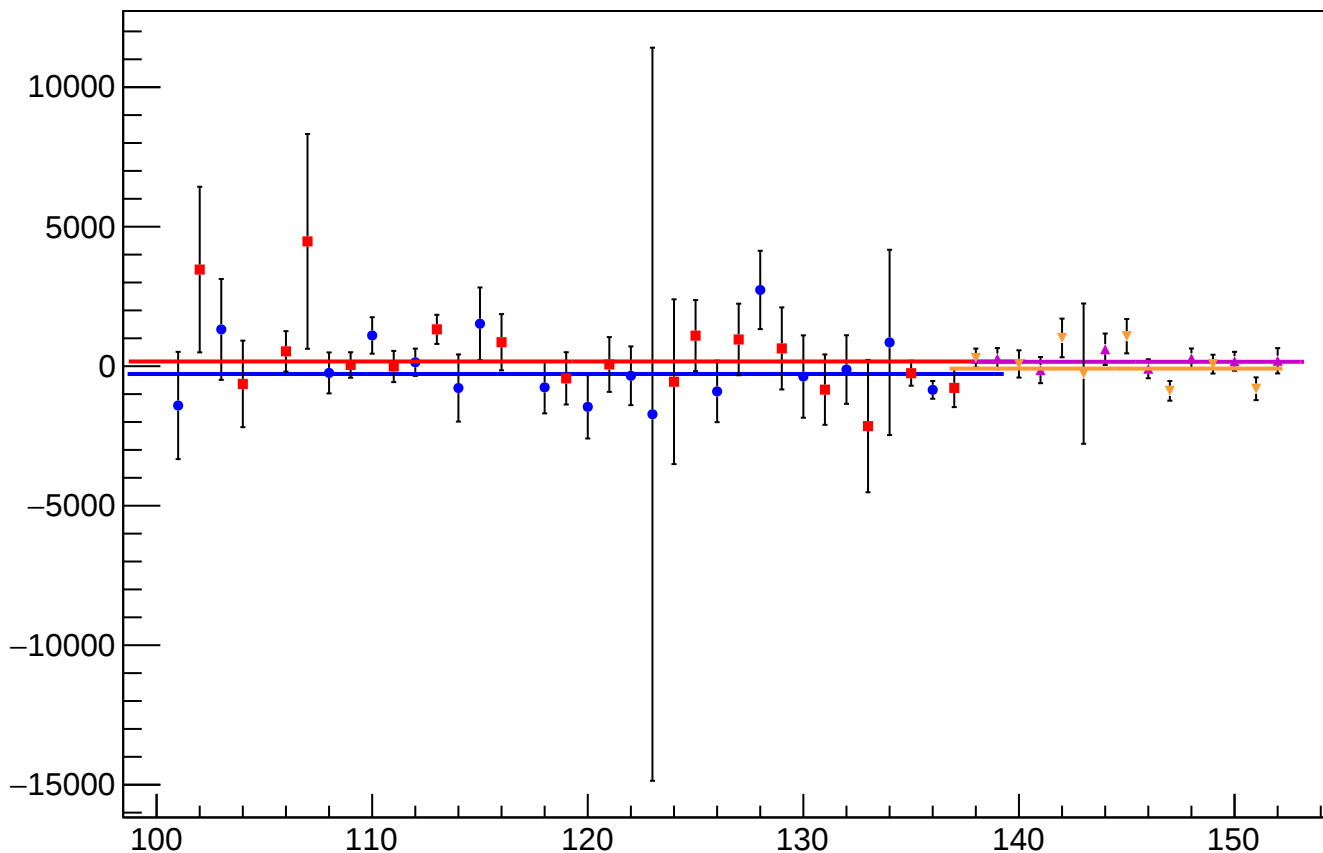
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

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

Out: 1356.061 $\pm$ 0.273 χ^2 /NDF: 625254.4/25

All: 1337.990 $\pm$ 0.191 χ^2 /NDF: 1166479.4/49

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: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 158.447+/-149.256 χ^2/NDF : 1.8/6

Left: 42.660+/-108.137 χ^2/NDF : 19.0/14

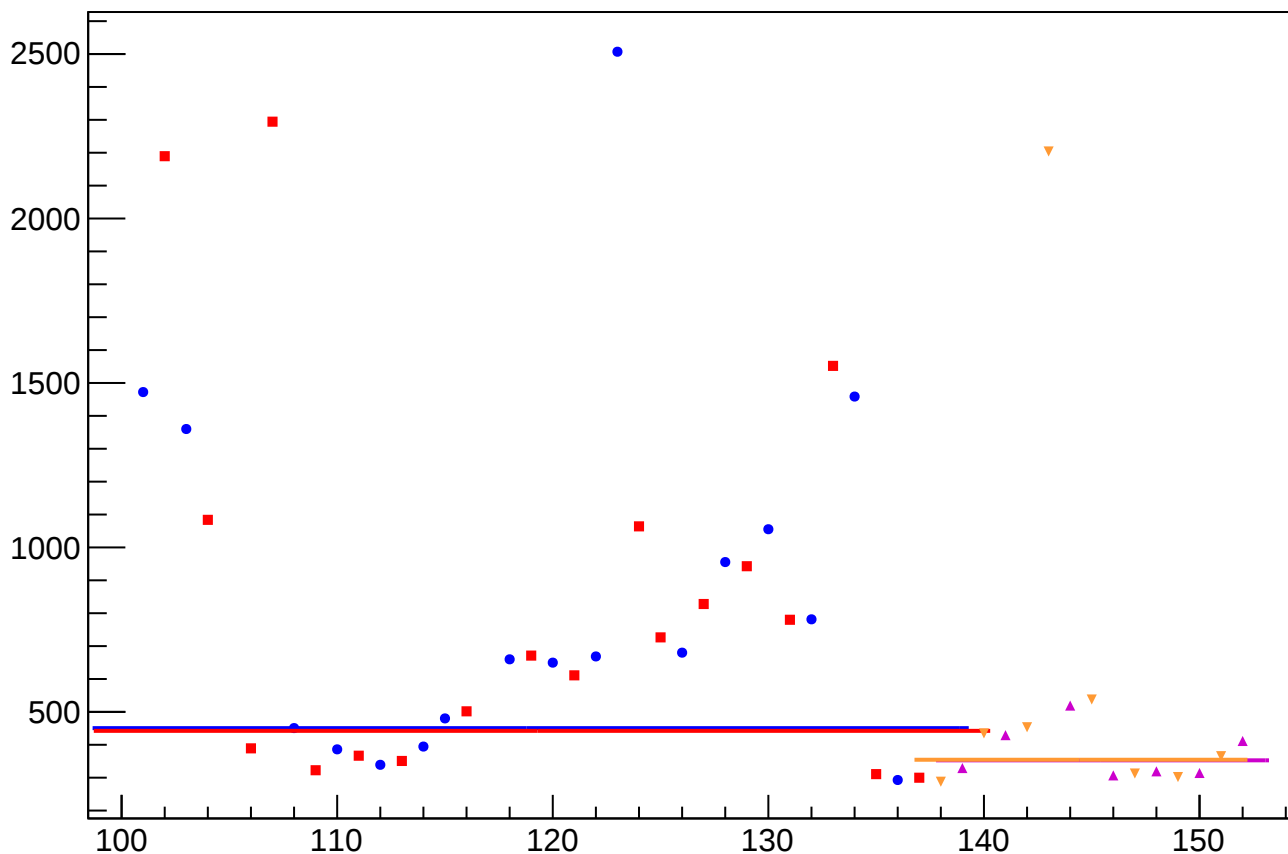
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 0.171+/-119.213 χ^2/NDF : 23.0/23

Out: 16.465+/-121.610 χ^2/NDF : 31.3/25

All: 8.156+/-85.131 χ^2/NDF : 54.3/49

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

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

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

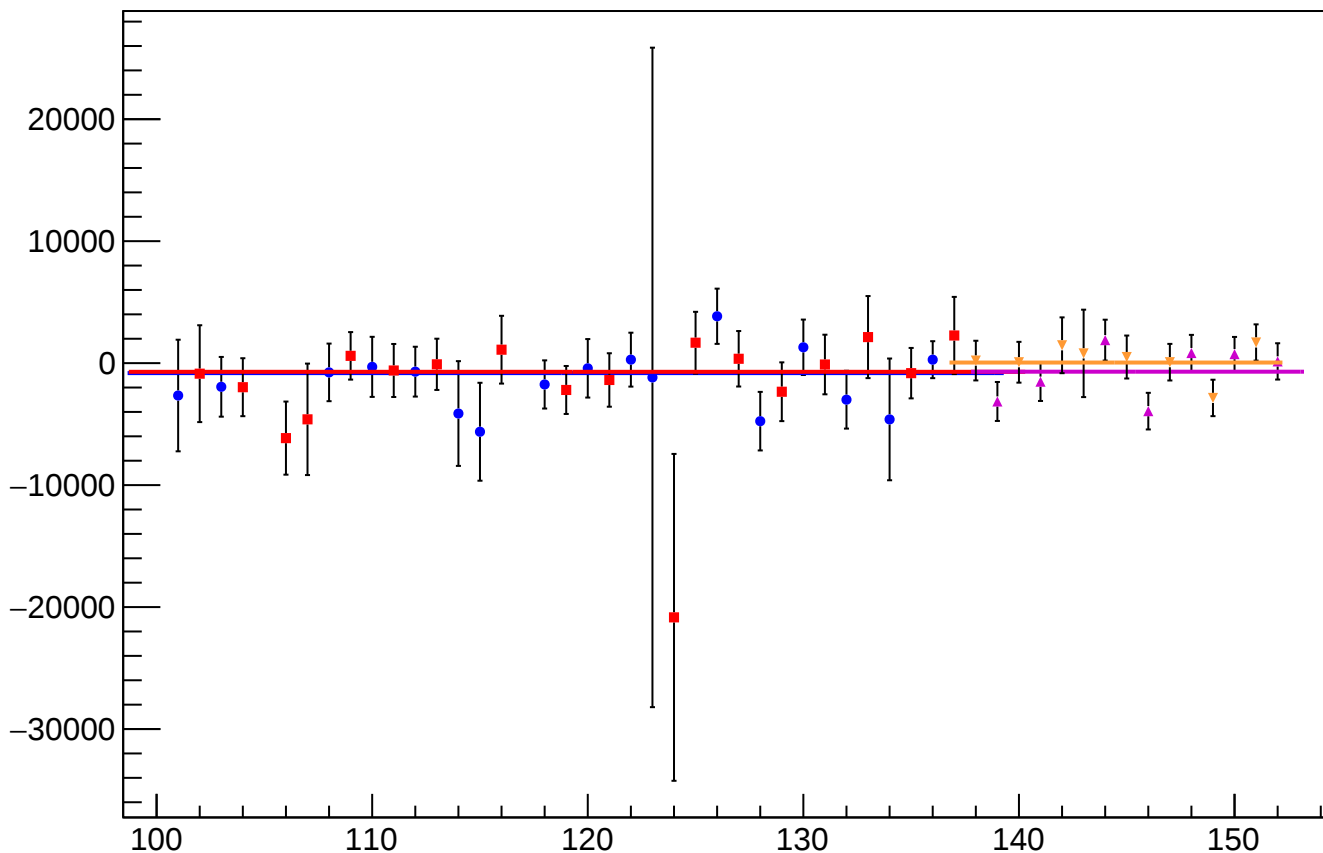
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

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

Out: 389.574+/-0.086 χ^2/NDF : 5128354.2/25

All: 388.853+/-0.060 χ^2/NDF : 8787371.7/49

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

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

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

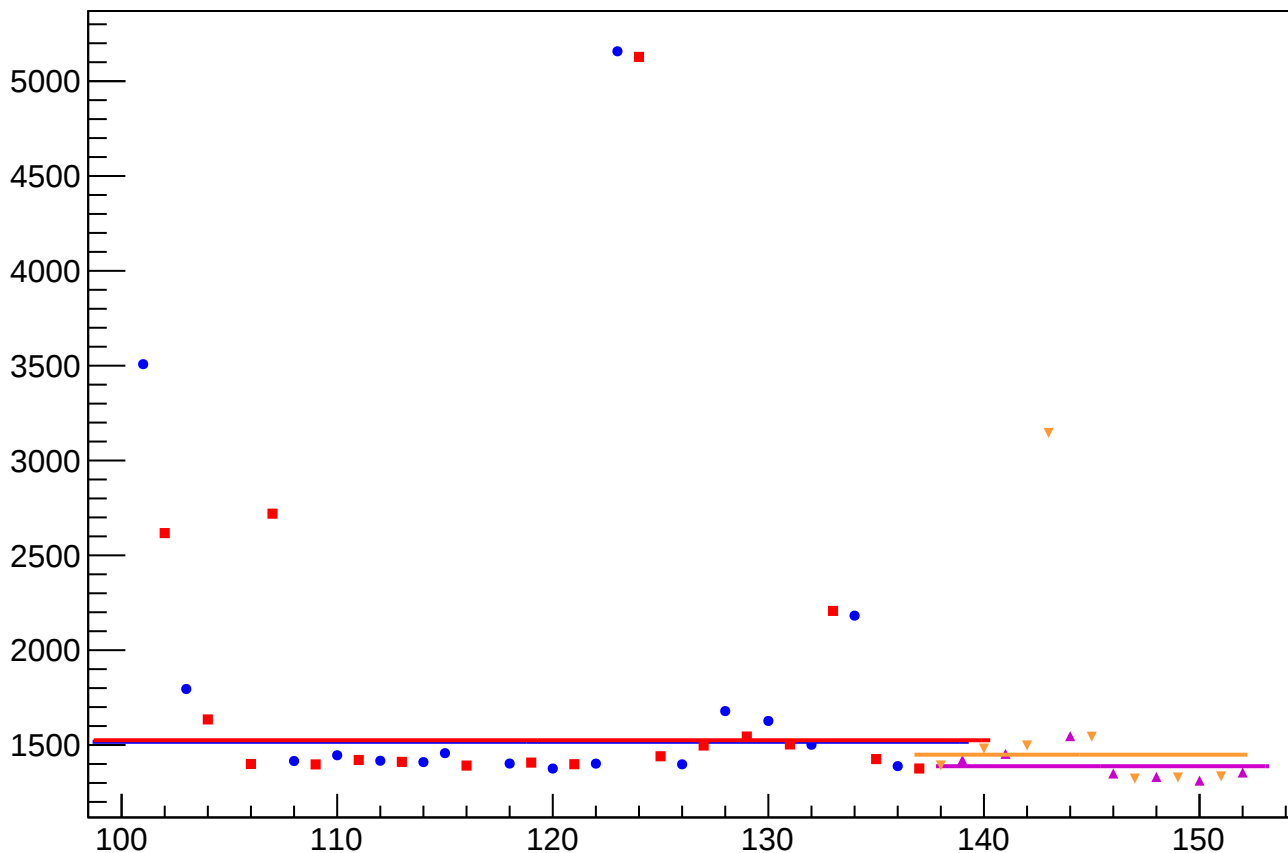
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

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

Out: -340.422+/-426.870 χ^2/NDF : 17.7/25

All: -553.805+/-298.114 χ^2/NDF : 43.0/49

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1449.009 $\pm$ 0.432 χ^2 /NDF: 497183.9/7

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1388.269 $\pm$ 0.408 χ^2 /NDF: 33197.7/6

Left: 1416.905 $\pm$ 0.297 χ^2 /NDF: 540807.7/14

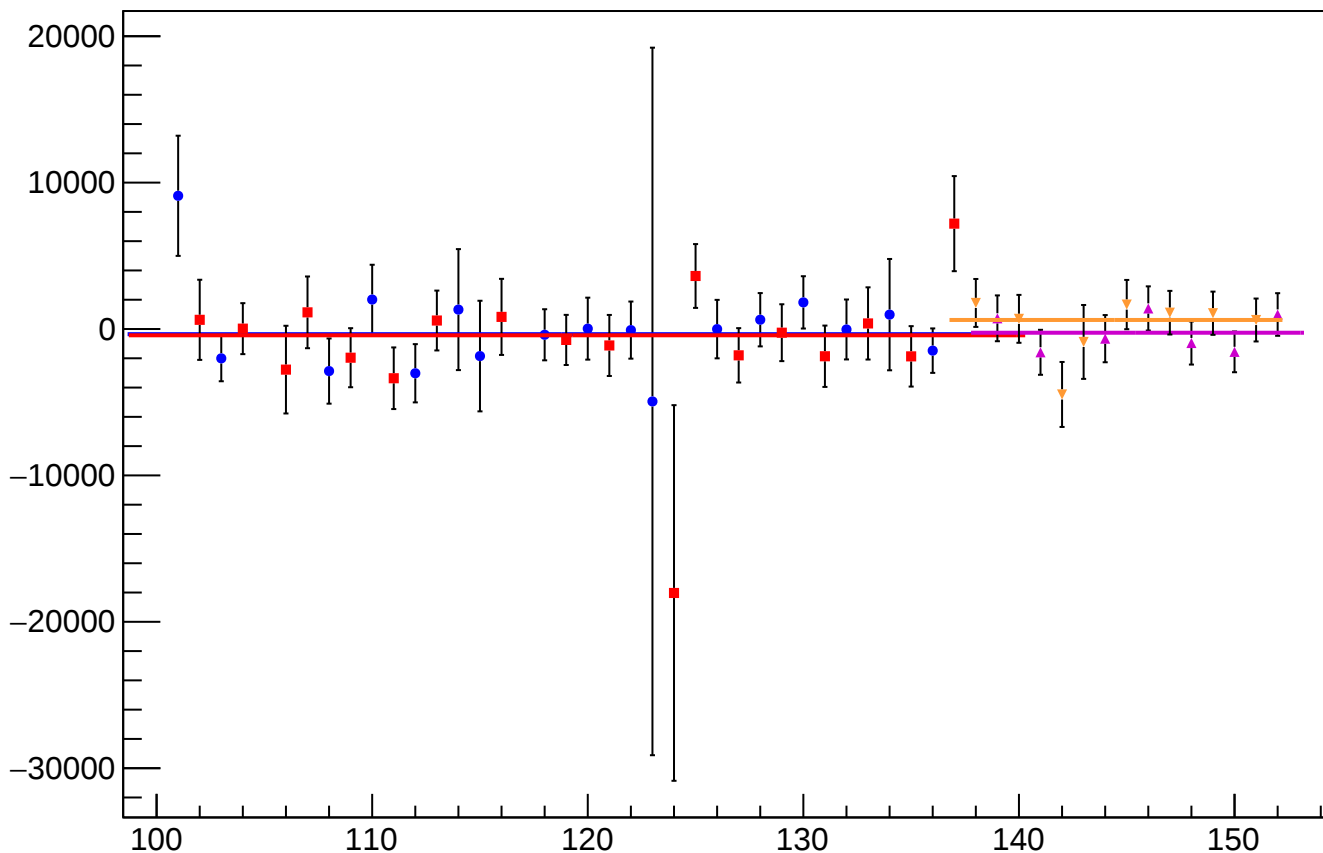
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1450.037 $\pm$ 0.295 χ^2 /NDF: 621874.8/23

Out: 1488.034 $\pm$ 0.302 χ^2 /NDF: 1084989.5/25

All: 1468.569 $\pm$ 0.211 χ^2 /NDF: 1714982.2/49

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: -429.167+/-522.342 χ^2/NDF : 16.8/17

Left In: -254.426+/-567.439 χ^2/NDF : 4.3/6

Left: 161.900+/-410.262 χ^2/NDF : 12.1/14

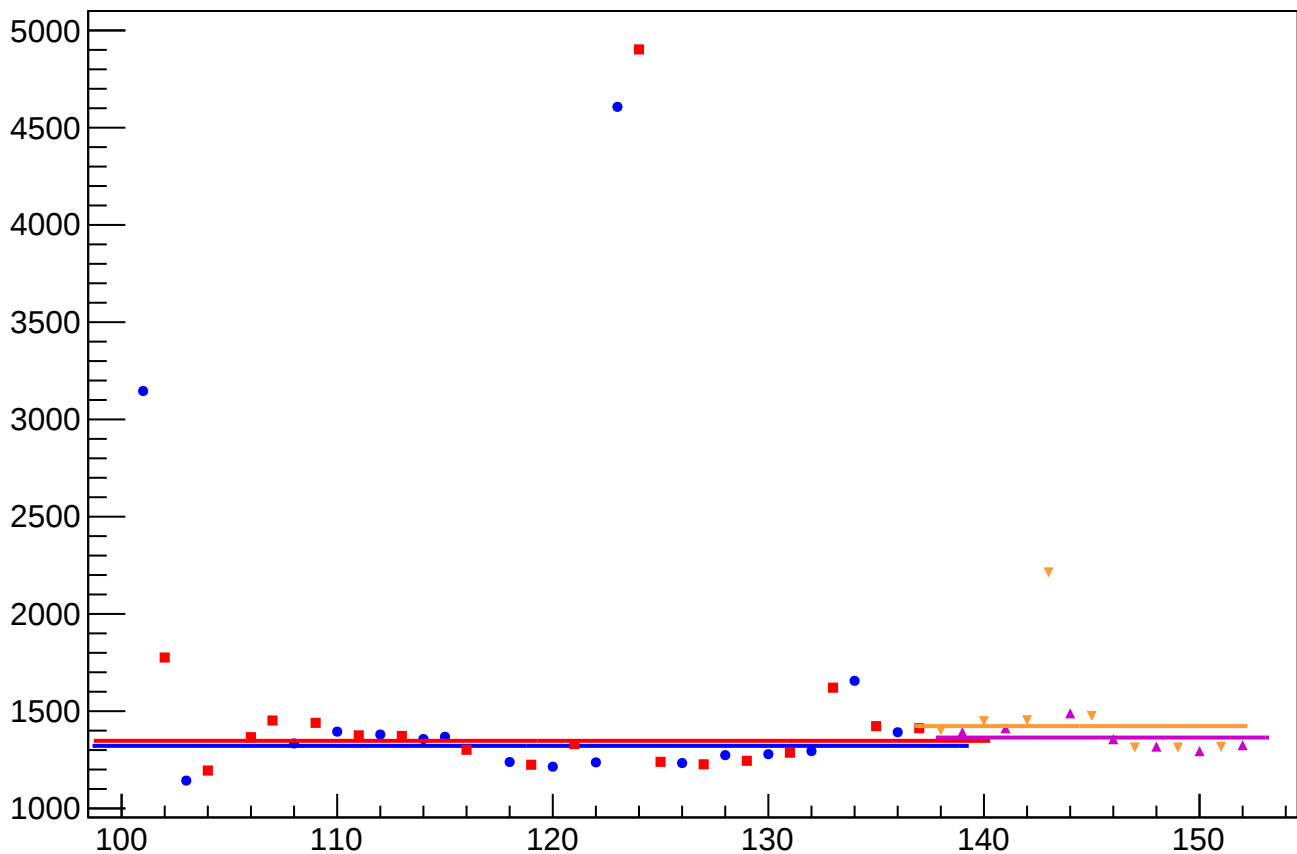
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -307.764+/-384.698 χ^2/NDF : 17.7/23

Out: 27.552+/-392.212 χ^2/NDF : 25.3/25

All: -143.349+/-274.641 χ^2/NDF : 43.4/49

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

Left In: 1364.376+/-0.401 χ^2/NDF : 23058.1/6

Left: 1392.462+/-0.290 χ^2/NDF : 265136.5/14

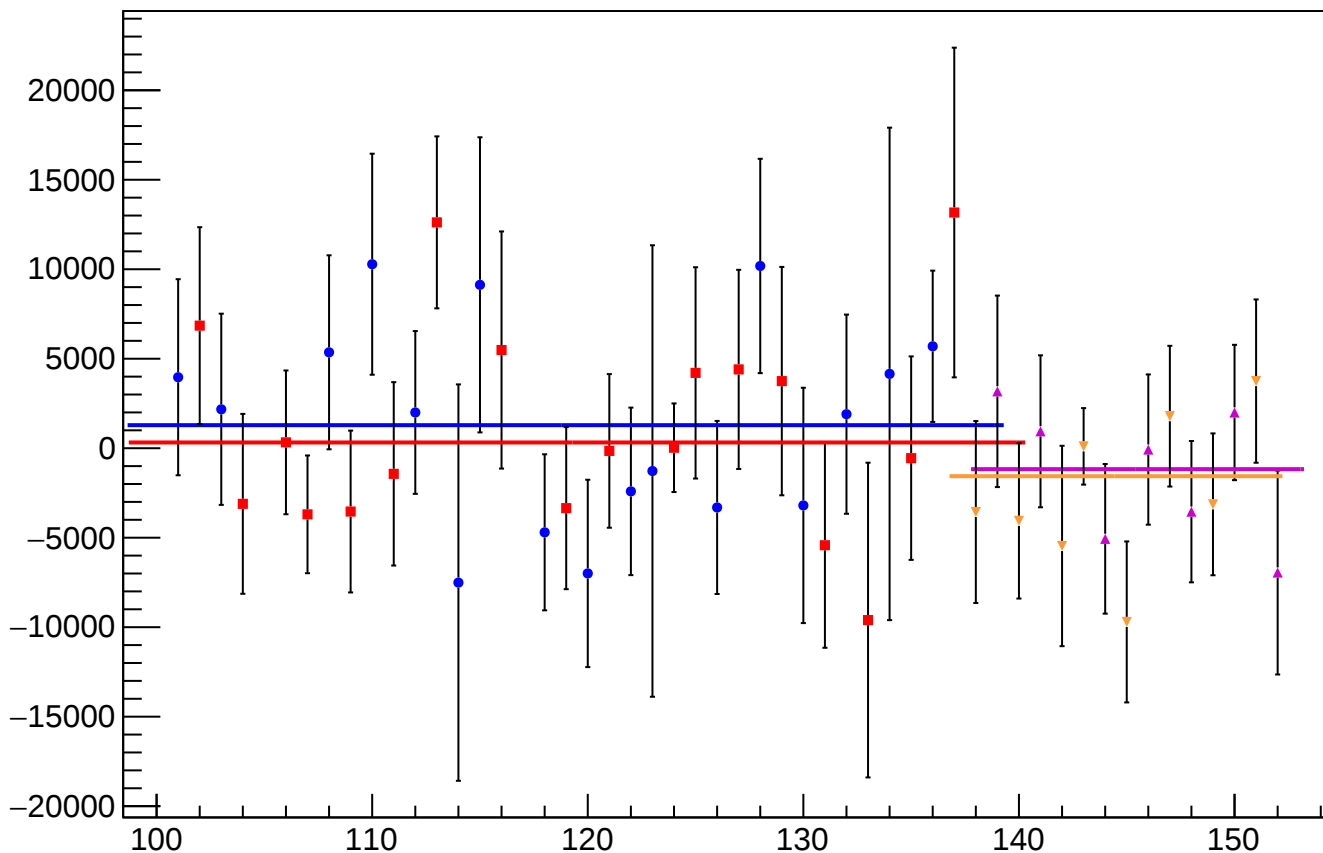
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1341.316+/-0.272 χ^2/NDF : 531416.2/23

Out: 1380.592+/-0.277 χ^2/NDF : 536385.8/25

All: 1360.580+/-0.194 χ^2/NDF : 1078026.9/49

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

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

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

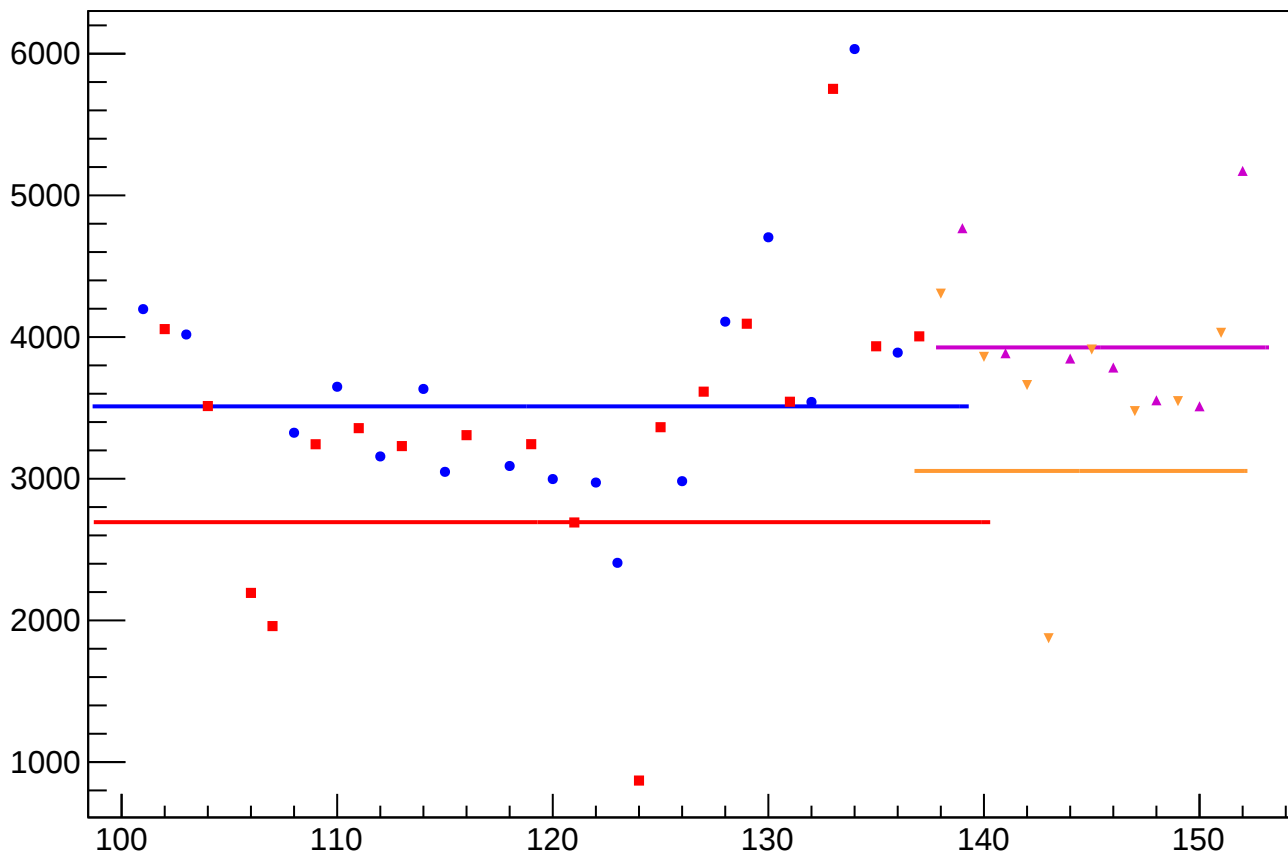
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: -451.090+/-849.277 χ^2/NDF : 25.9/25

All: -165.252+/-661.682 χ^2/NDF : 45.7/49

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

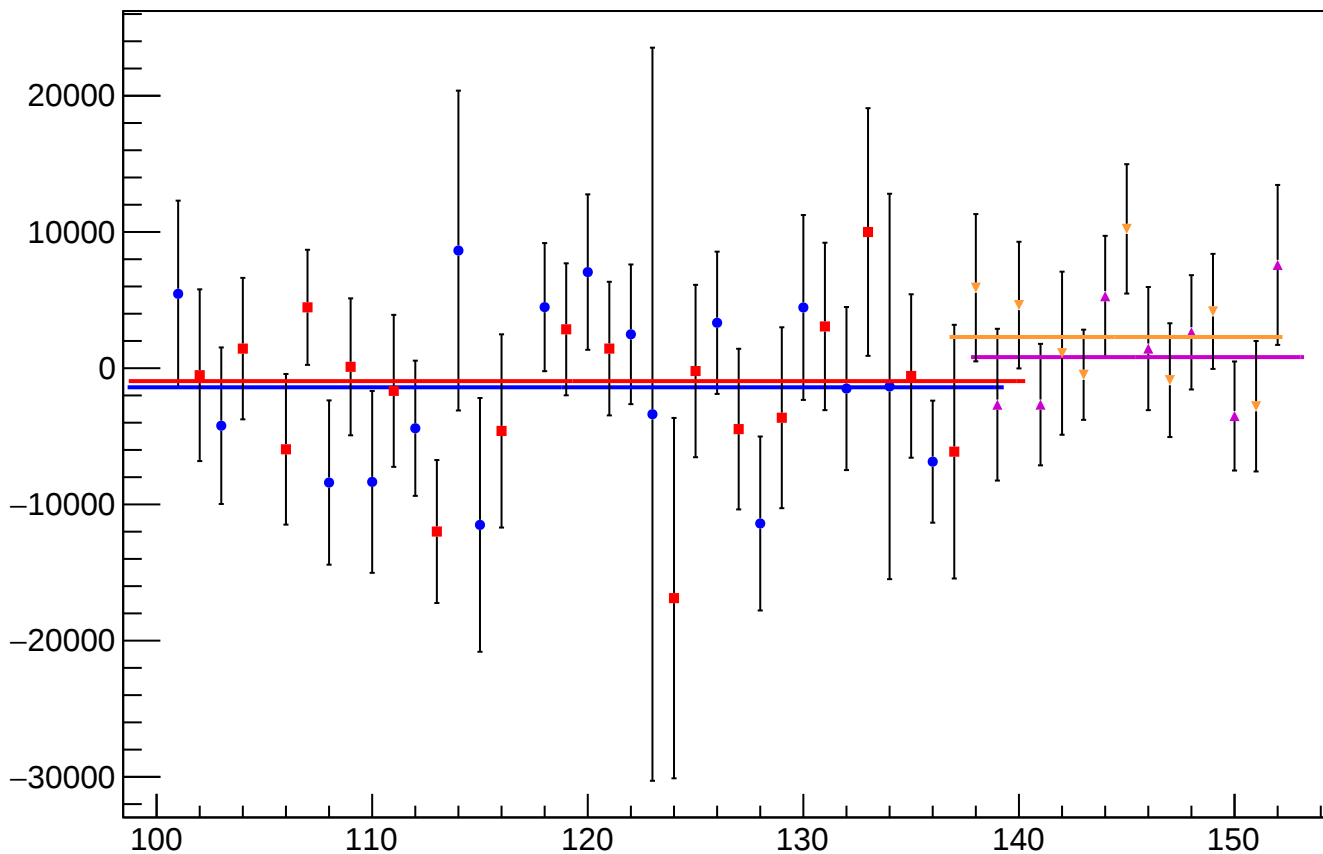
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

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

Out: 2841.701 $\pm$ 0.601 χ^2 /NDF:3255076.7/25

All: 3171.925 $\pm$ 0.468 χ^2 /NDF: 4634160.3/49

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: -947.960+/-1382.709 χ^2/NDF : 12.5/17

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

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

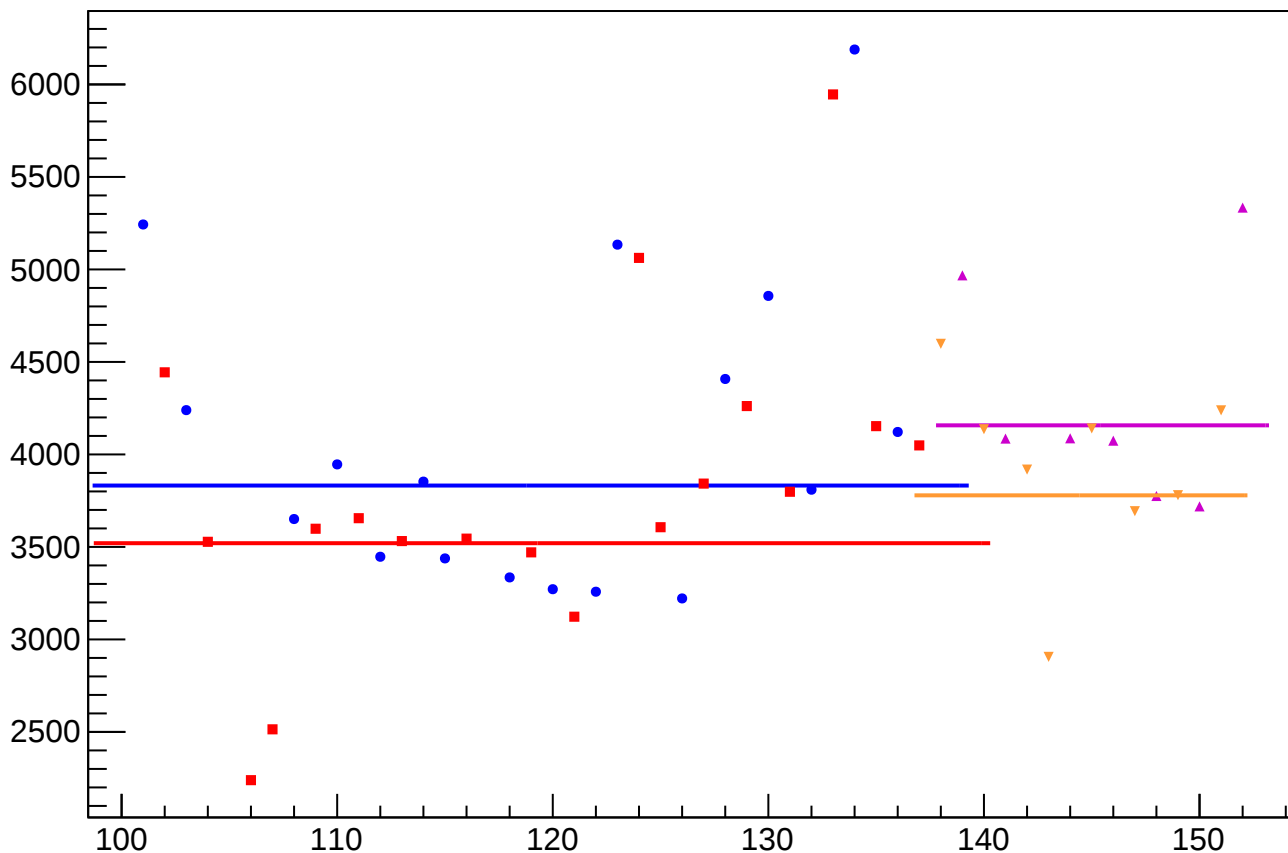
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

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

Out: 457.568+/-1040.289 χ^2/NDF : 21.0/25

All: 42.773+/-767.751 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: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

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

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

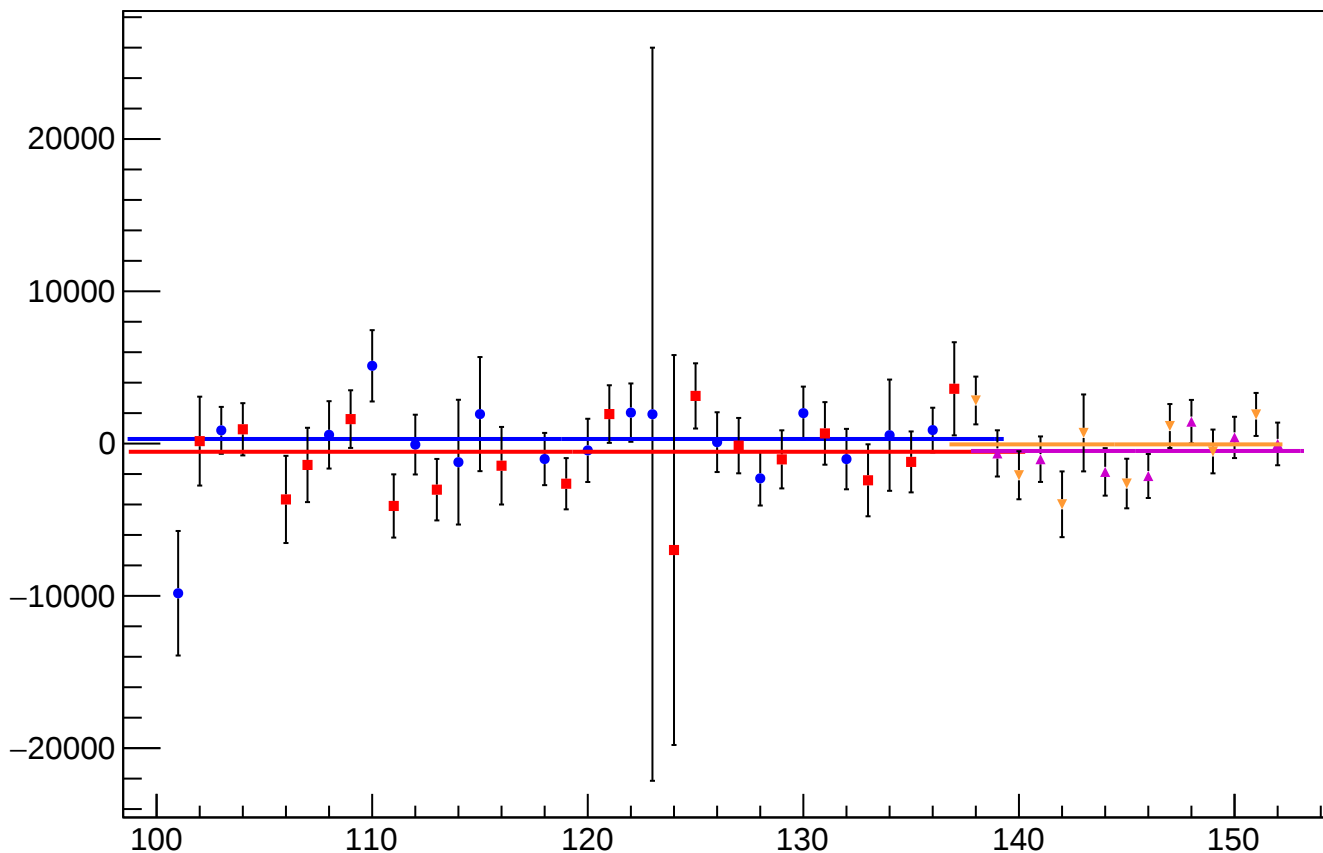
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

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

Out: 3631.274+/-0.732 χ^2/NDF : 803559.2/25

All: 3785.109+/-0.541 χ^2/NDF : 1443830.9/49

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 $\chi^2/\text{NDF}: 16.1/16$

Left Out: -52.024 ± 575.219 $\chi^2/\text{NDF}: 13.7/7$

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

Left In: -485.256 ± 548.981 $\chi^2/\text{NDF}: 4.6/6$

Left: -278.746 ± 397.140 $\chi^2/\text{NDF}: 18.5/14$

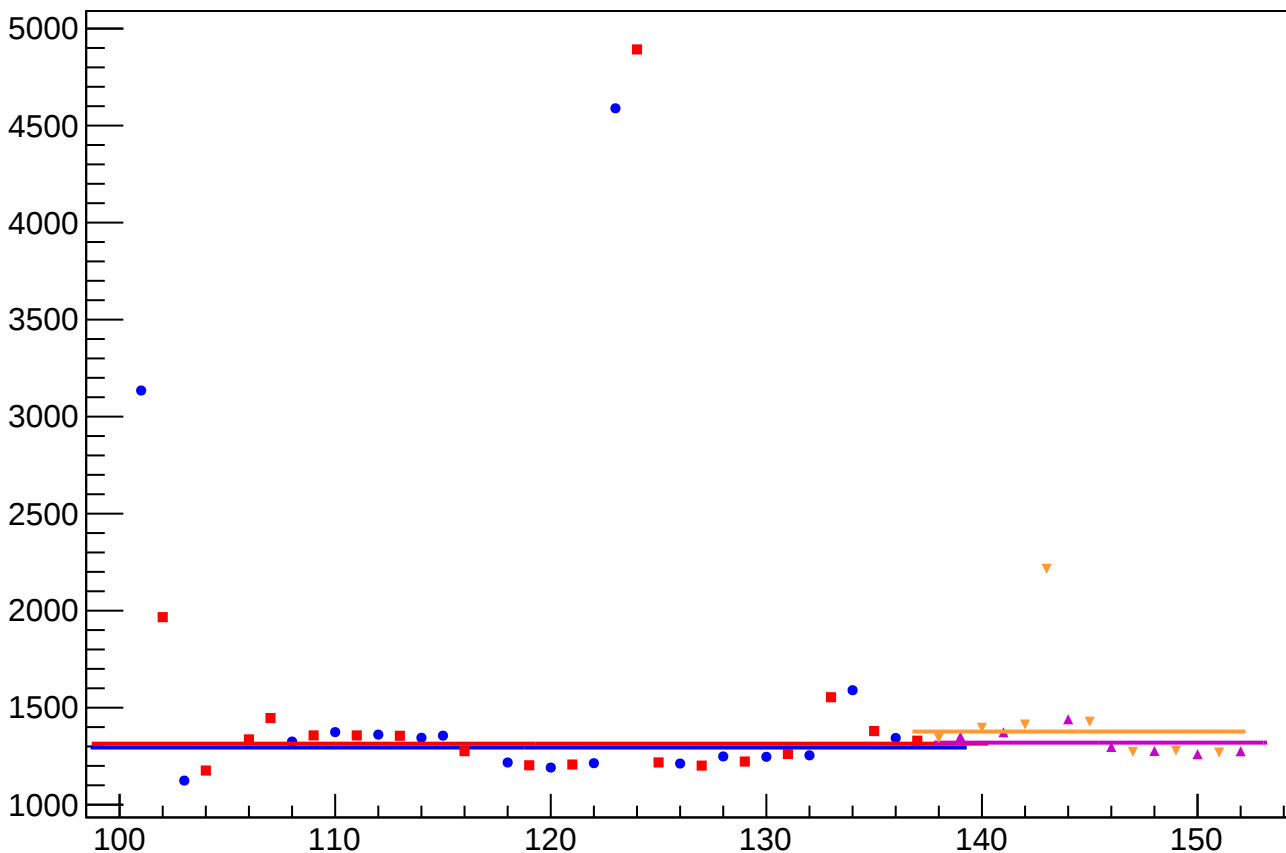
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -64.876 ± 374.756 $\chi^2/\text{NDF}: 21.7/23$

Out: -324.578 ± 381.057 $\chi^2/\text{NDF}: 31.6/25$

All: -192.562 ± 267.192 $\chi^2/\text{NDF}: 53.5/49$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 ± 0.363 $\chi^2/\text{NDF}: 507803.9/16$

Left Out: 1376.951 ± 0.407 $\chi^2/\text{NDF}: 255697.9/7$

Right Out: 1314.588 ± 0.360 $\chi^2/\text{NDF}: 333838.6/17$

Left In: 1319.879 ± 0.388 $\chi^2/\text{NDF}: 23433.7/6$

Left: 1347.084 ± 0.281 $\chi^2/\text{NDF}: 289435.0/14$

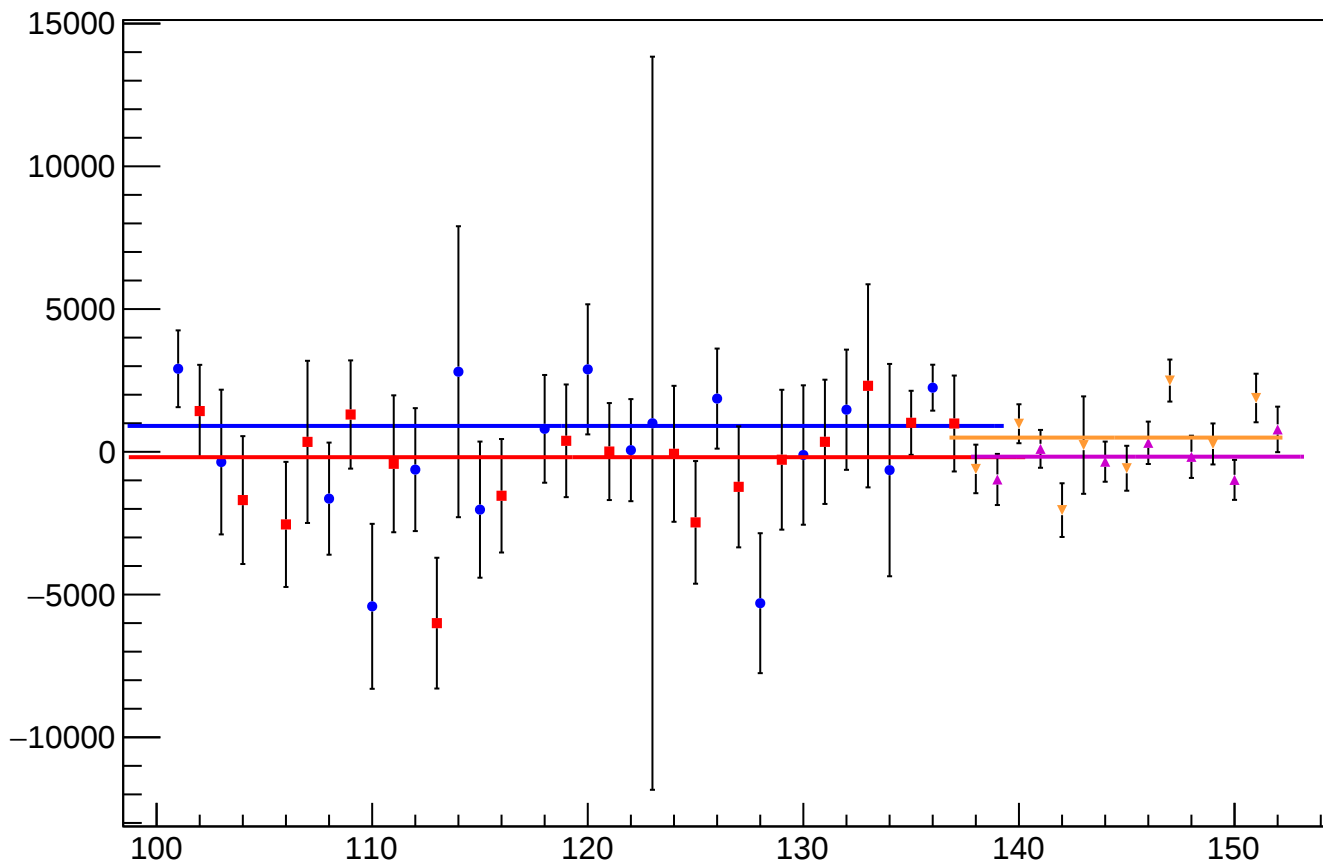
Right: 1304.740 ± 0.255 $\chi^2/\text{NDF}: 843154.3/34$

In: 1306.449 ± 0.265 $\chi^2/\text{NDF}: 533479.1/23$

Out: 1341.956 ± 0.269 $\chi^2/\text{NDF}: 602728.1/25$

All: 1323.906 ± 0.189 $\chi^2/\text{NDF}: 1145034.4/49$

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: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -170.688 $\pm$ 279.515 χ^2 /NDF:4.2/6

Left: 149.817 $\pm$ 201.681 χ^2 /NDF: 28.5/14

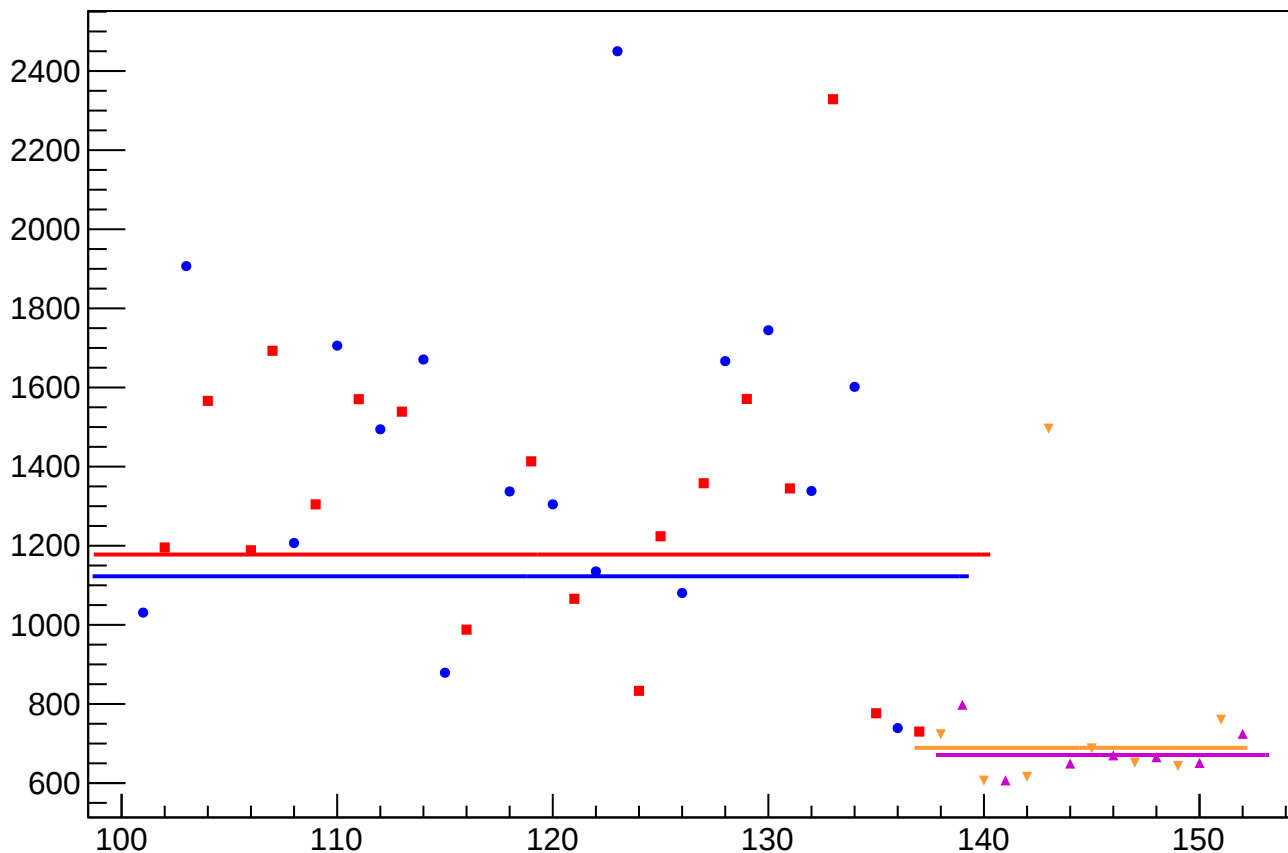
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 123.710 $\pm$ 238.285 χ^2 /NDF:30.3/23

Out: 304.269 $\pm$ 246.785 χ^2 /NDF:36.9/25

All: 210.826 $\pm$ 171.419 χ^2 /NDF: 67.4/49

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

Left In: 671.033+/-0.198 χ^2/NDF : 71640.0/6

Left: 679.743+/-0.143 χ^2/NDF : 594881.2/14

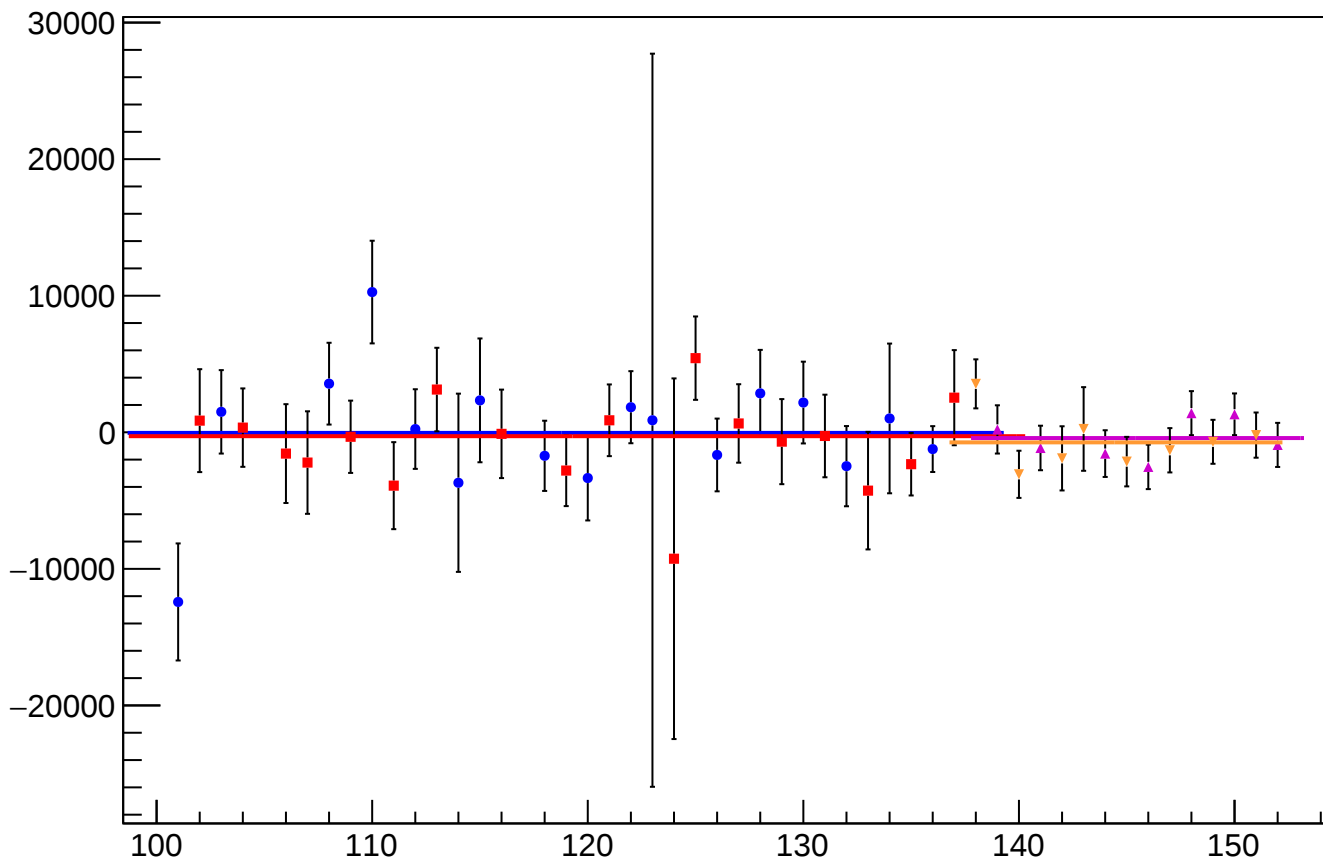
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 794.473+/-0.168 χ^2/NDF : 2687100.4/23

Out: 827.097+/-0.175 χ^2/NDF : 3128989.4/25

All: 810.213+/-0.121 χ^2/NDF : 5834177.9/49

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: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -422.168 ± 618.538 χ^2/NDF : 5.1/6

Left: -572.486 ± 447.972 χ^2/NDF : 14.0/14

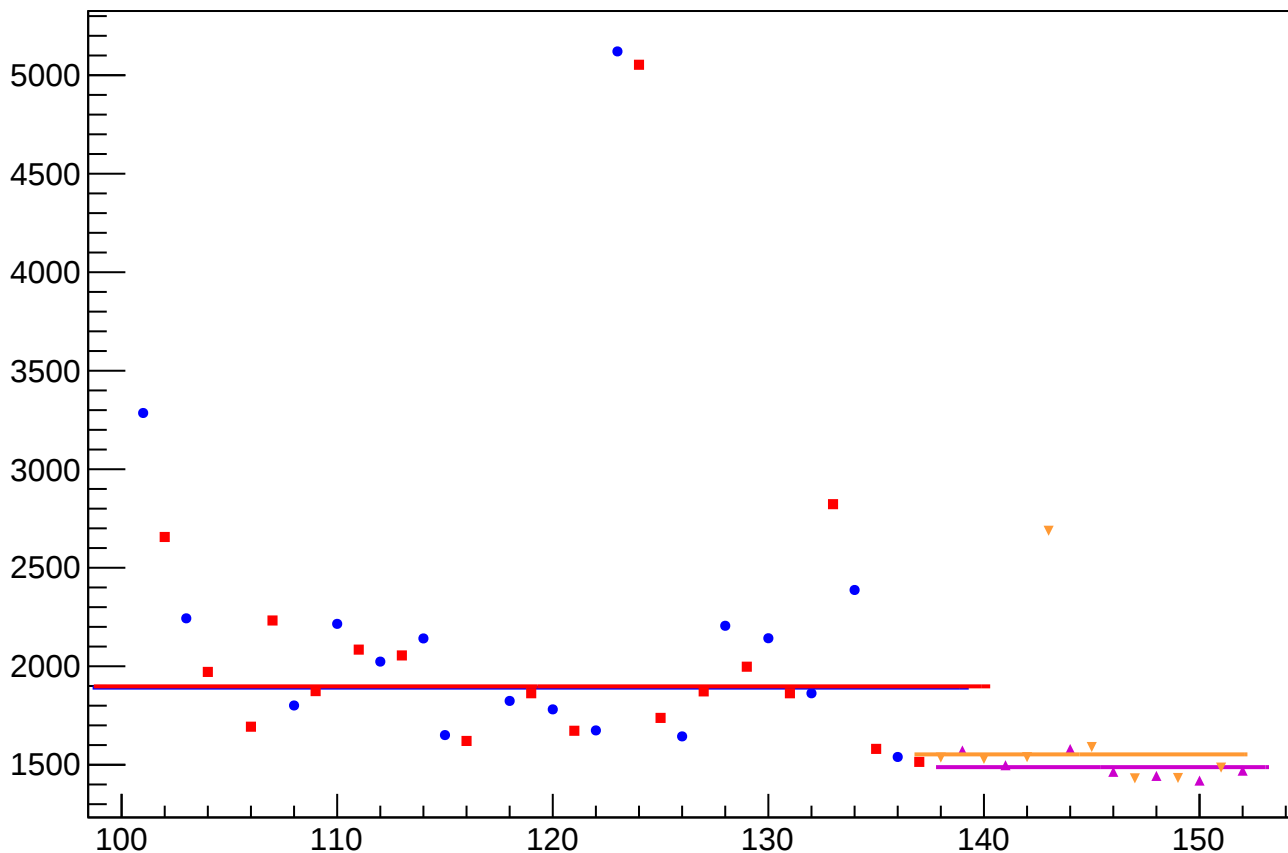
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -268.640 ± 476.567 χ^2/NDF : 28.5/23

Out: -539.771 ± 486.883 χ^2/NDF : 19.5/25

All: -401.303 ± 340.572 χ^2/NDF : 48.2/49

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: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1488.047+/-0.437 χ^2/NDF : 16638.8/6

Left: 1518.827+/-0.317 χ^2/NDF : 328846.1/14

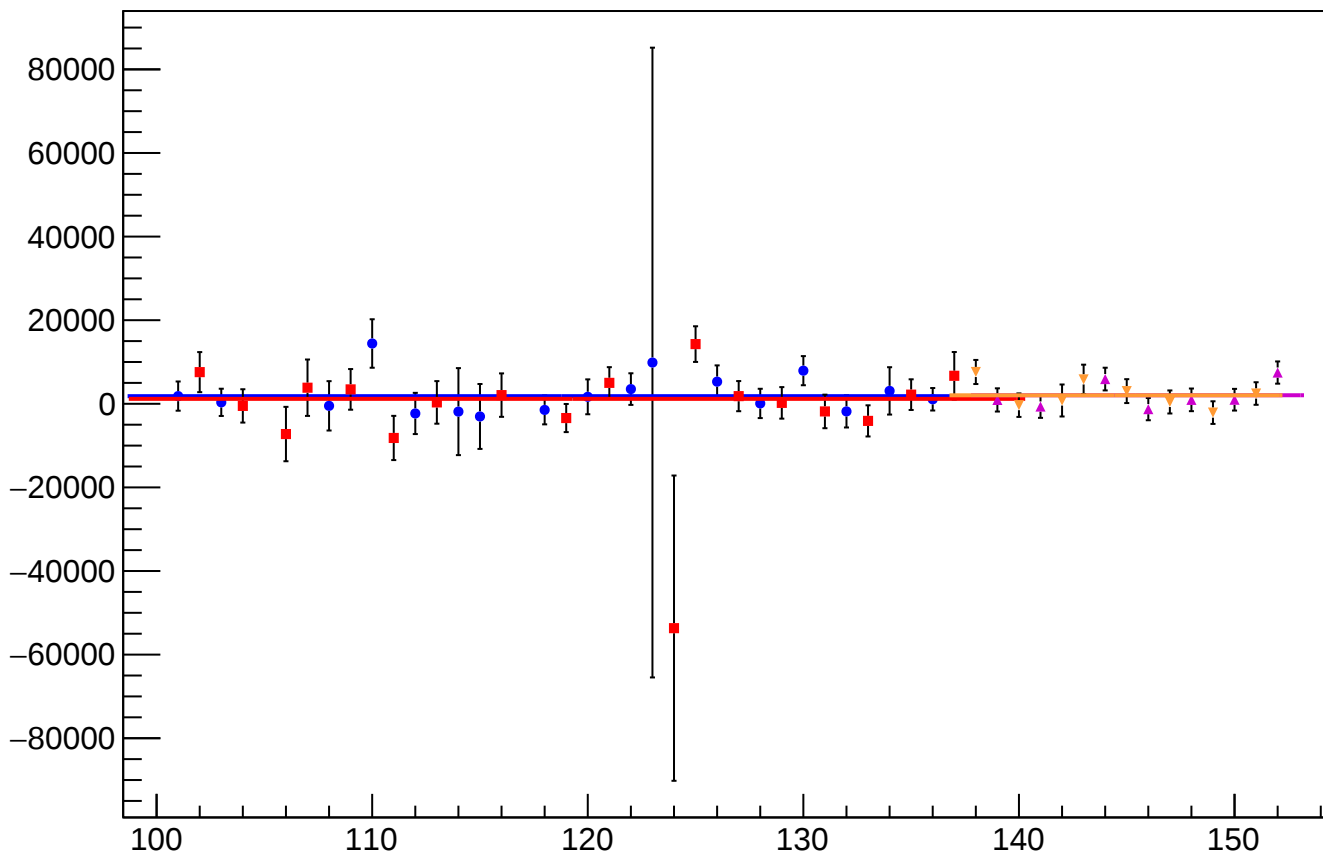
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1652.068+/-0.337 χ^2/NDF : 831802.3/23

Out: 1704.113+/-0.344 χ^2/NDF : 973047.6/25

All: 1677.533+/-0.241 χ^2/NDF : 1816520.8/49

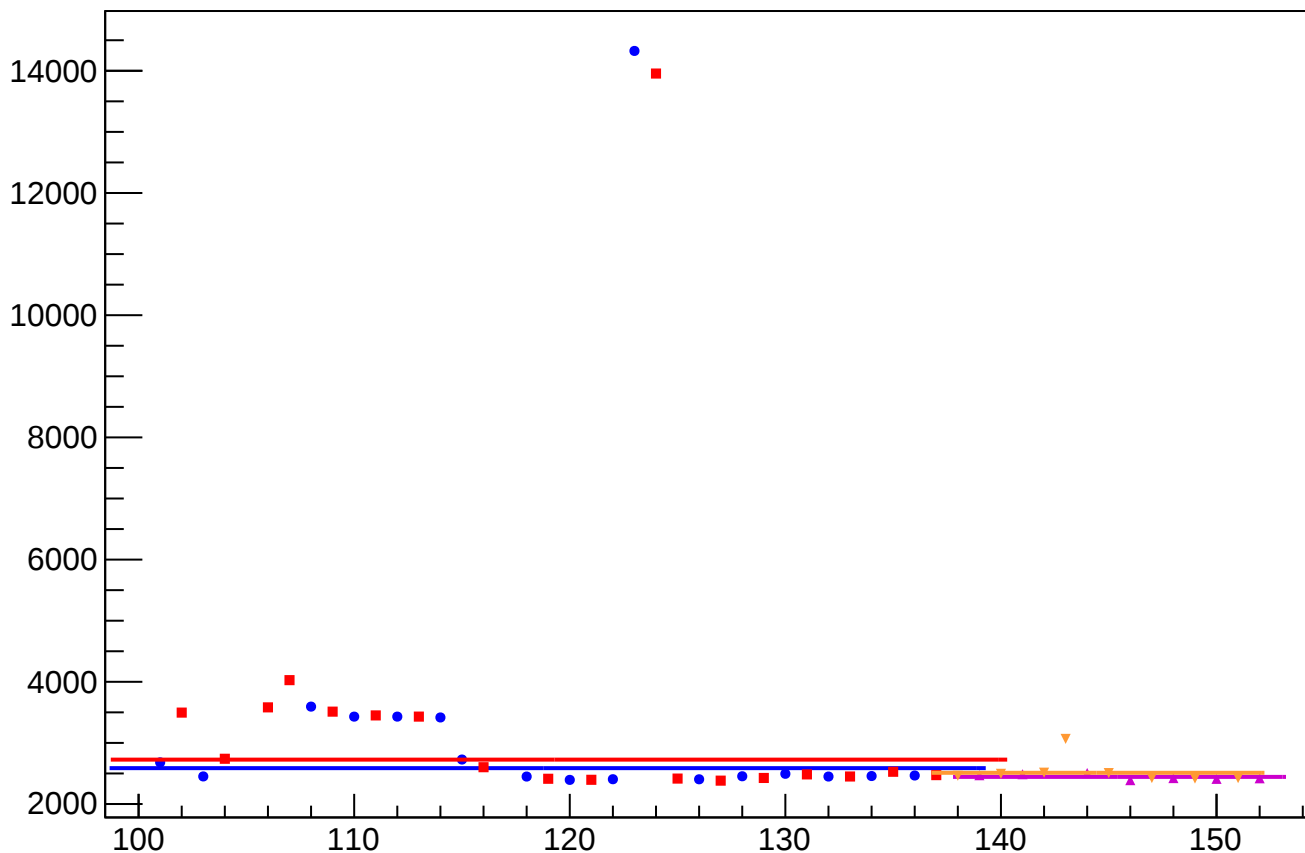
dit_asym_atl1_mean vs Slug, Sign Corrected



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: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17
 Left In: 2045.943 $\pm$ 1015.438 χ^2 /NDF:9.3/6

Left: 2040.303 $\pm$ 726.635 χ^2 /NDF: 17.8/14
 Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34
 In: 1934.918 $\pm$ 716.152 χ^2 /NDF:21.8/23
 Out: 1612.537 $\pm$ 738.963 χ^2 /NDF:34.3/25
 All: 1778.780 $\pm$ 514.271 χ^2 /NDF: 56.3/49

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2510.897+/-0.736 χ^2/NDF : 56766.1/7

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2443.849+/-0.718 χ^2/NDF : 3162.1/6

Left: 2476.564+/-0.514 χ^2/NDF : 64182.8/14

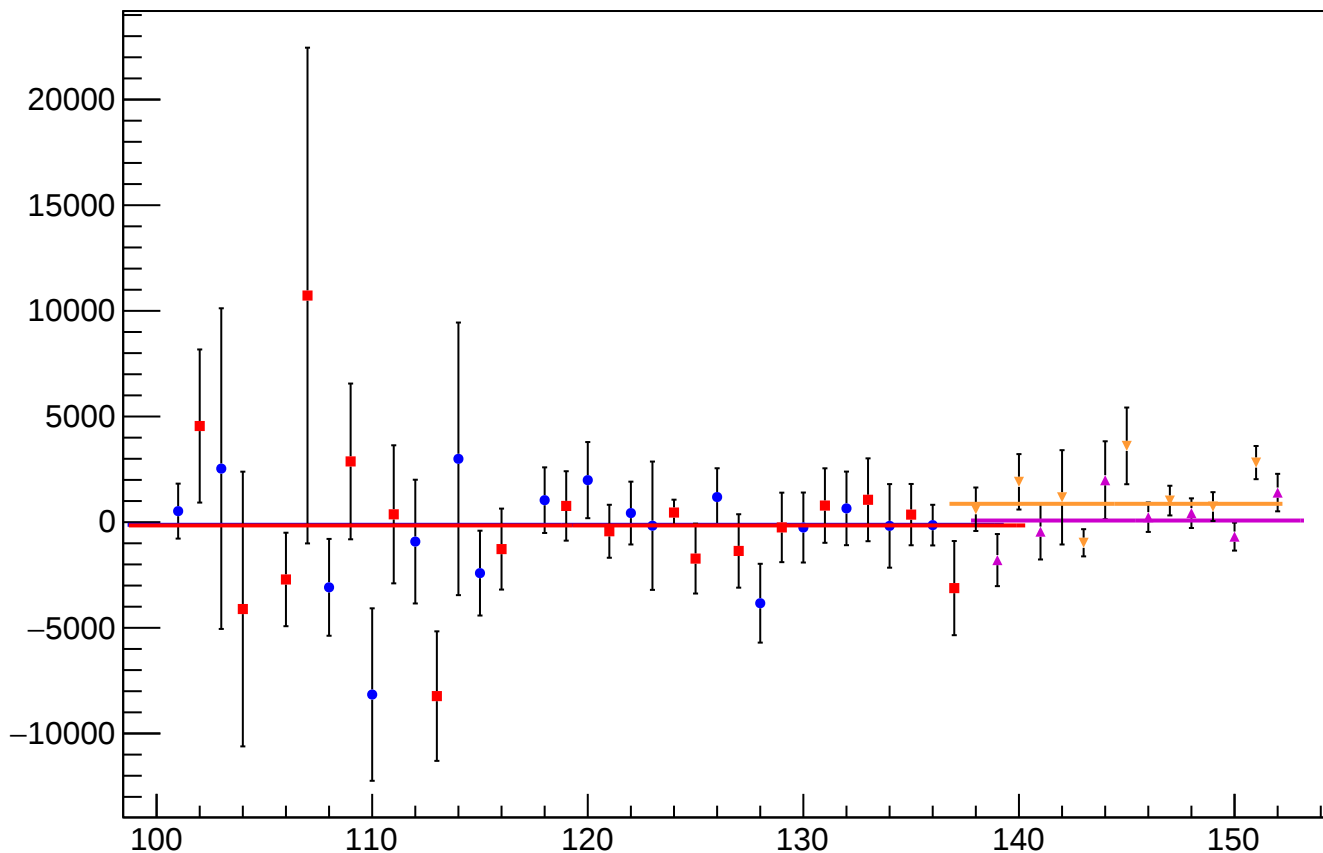
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2515.786+/-0.506 χ^2/NDF : 277246.1/23

Out: 2617.679+/-0.523 χ^2/NDF : 680158.7/25

All: 2565.135+/-0.364 χ^2/NDF : 977013.4/49

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: -154.579 $\pm$ 380.922 χ^2 /NDF: 17.6/17

Left In: 77.945 $\pm$ 330.186 χ^2 /NDF:7.4/6

Left: 494.980 $\pm$ 226.993 χ^2 /NDF: 27.9/14

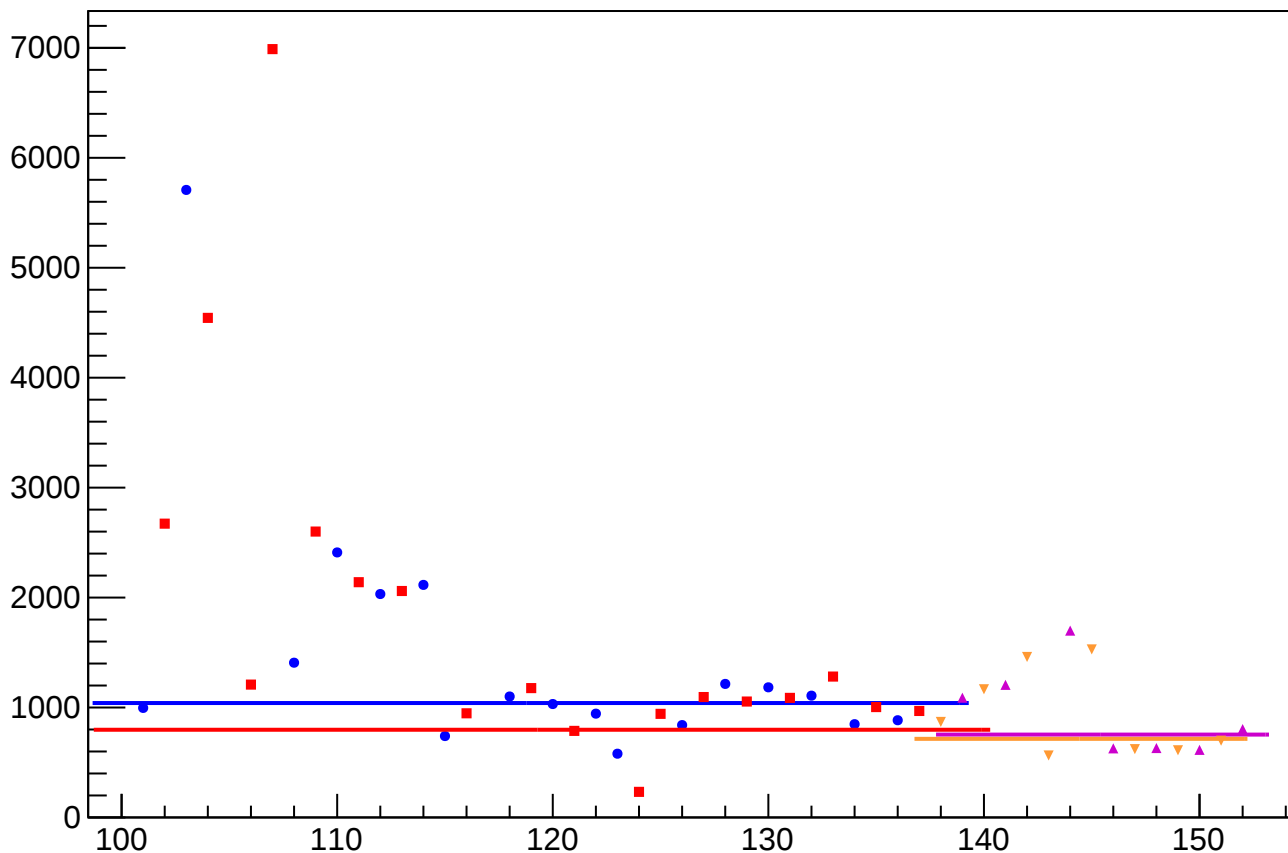
Right: -141.367 $\pm$ 285.354 χ^2 /NDF: 32.3/34

In: 3.031 $\pm$ 262.056 χ^2 /NDF:22.2/23

Out: 456.949 $\pm$ 241.634 χ^2 /NDF:39.3/25

All: 248.364 $\pm$ 177.643 χ^2 /NDF: 63.2/49

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: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 753.726+/-0.233 χ^2/NDF : 1129526.2/6

Left: 733.269+/-0.161 χ^2/NDF : 2243028.4/14

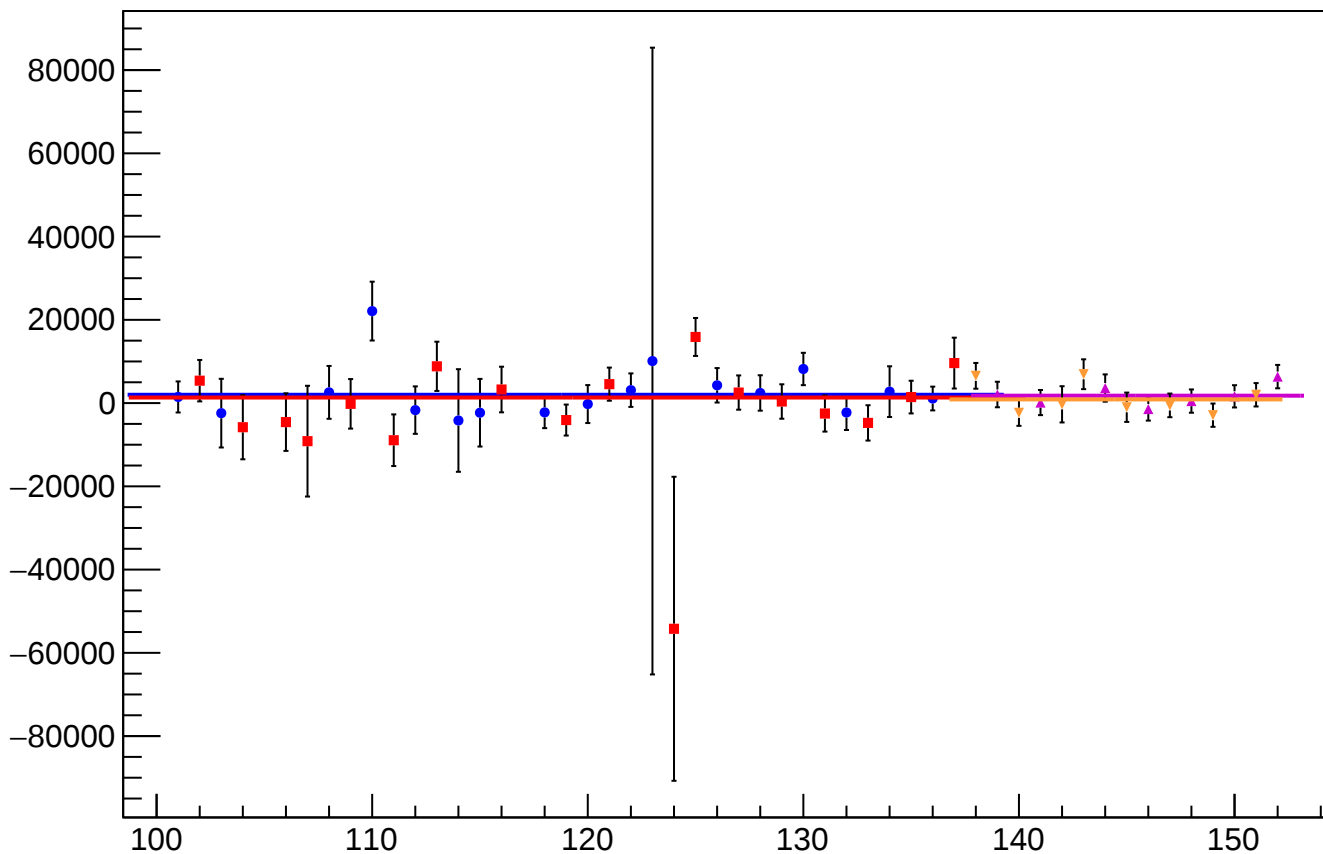
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 859.957+/-0.185 χ^2/NDF : 3261931.2/23

Out: 748.253+/-0.171 χ^2/NDF : 6329743.4/25

All: 799.583+/-0.126 χ^2/NDF : 9788082.2/49

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: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1777.665+/-1095.847 χ^2/NDF : 4.8/6

Left: 1339.490+/-783.480 χ^2/NDF : 15.0/14

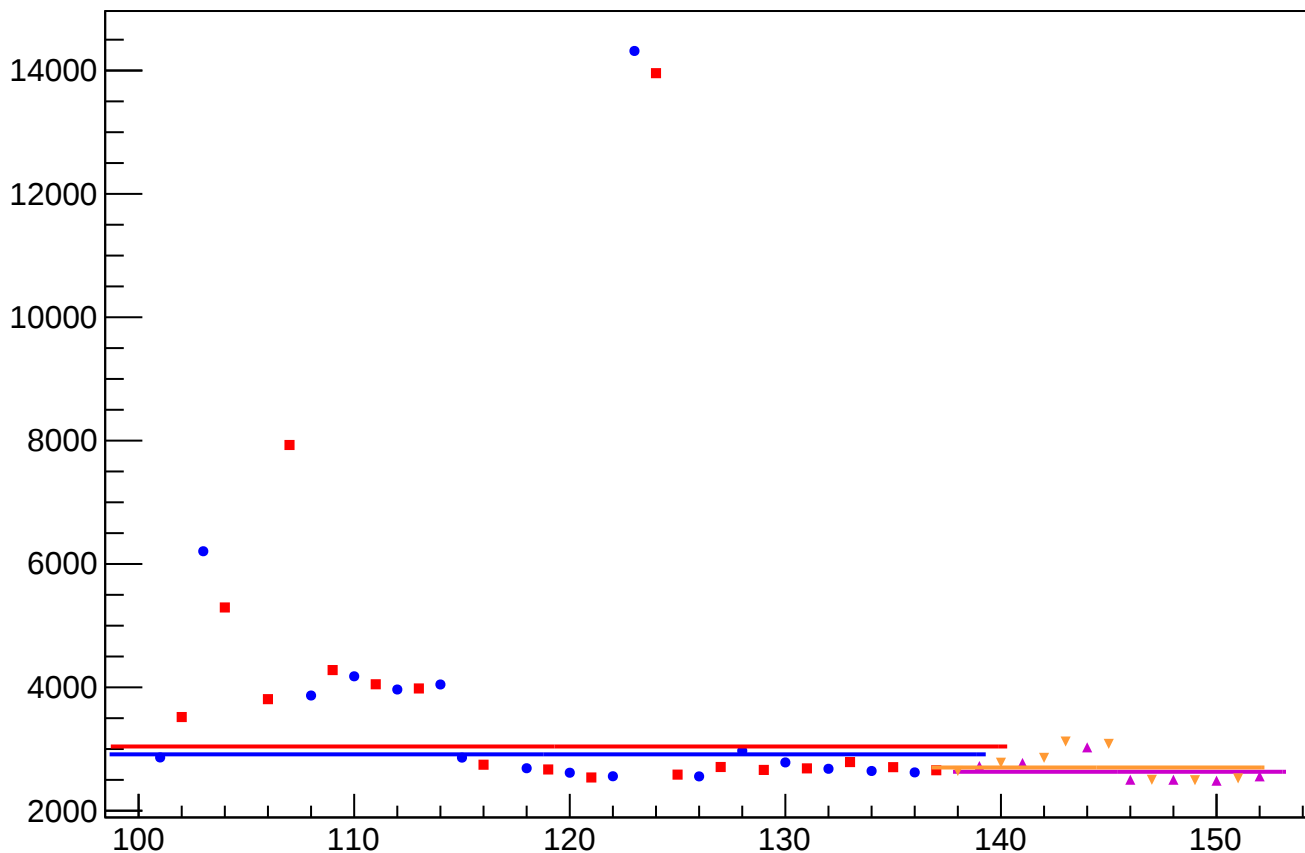
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1881.218+/-794.988 χ^2/NDF : 19.8/23

Out: 1094.592+/-817.008 χ^2/NDF : 37.4/25

All: 1498.648+/-569.767 χ^2/NDF : 57.7/49

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: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2631.199+/-0.775 χ^2/NDF : 51264.6/6

Left: 2665.204+/-0.554 χ^2/NDF : 139561.0/14

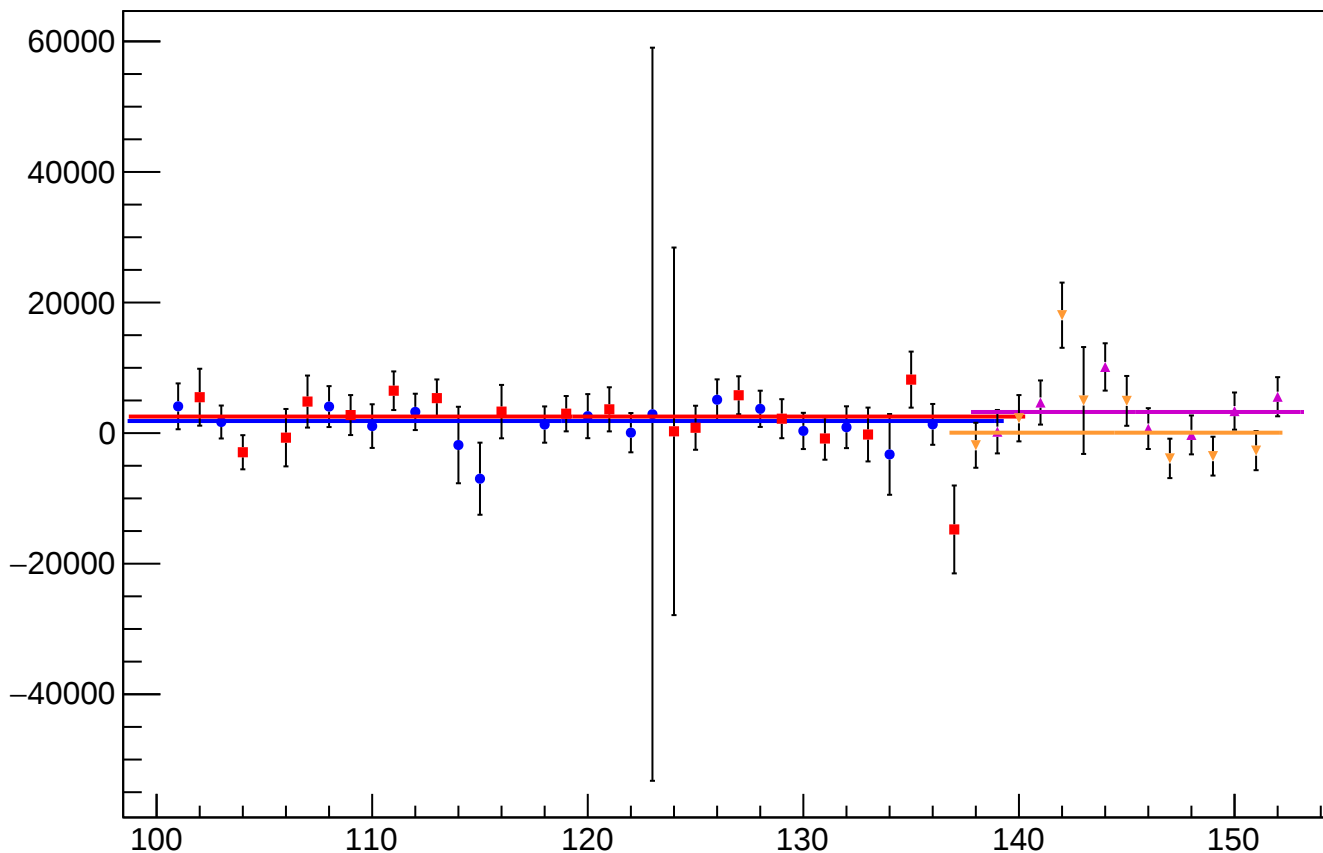
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2765.107+/-0.562 χ^2/NDF : 753290.4/23

Out: 2860.244+/-0.578 χ^2/NDF : 1174423.3/25

All: 2811.376+/-0.403 χ^2/NDF : 1941643.7/49

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 65.024+/-1268.566 χ^2/NDF : 19.7/7

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 3236.147+/-1192.383 χ^2/NDF : 7.3/6

Left: 1748.660+/-868.827 χ^2/NDF : 30.3/14

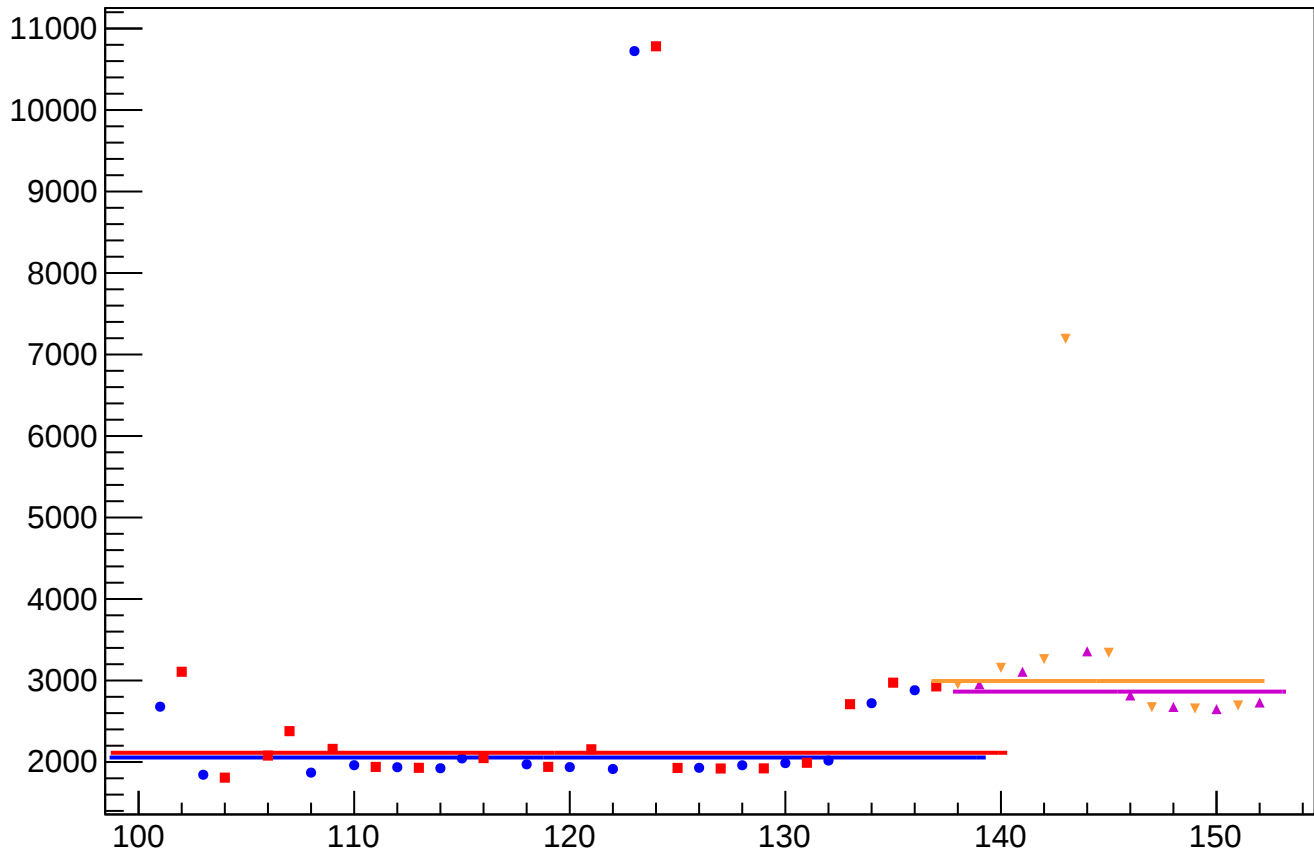
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2285.349+/-668.187 χ^2/NDF : 15.5/23

Out: 1808.068+/-688.253 χ^2/NDF : 42.4/25

All: 2053.767+/-479.417 χ^2/NDF : 58.1/49

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: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2863.529+/-0.843 χ^2/NDF : 72768.0/6

Left: 2924.633+/-0.614 χ^2/NDF : 705110.3/14

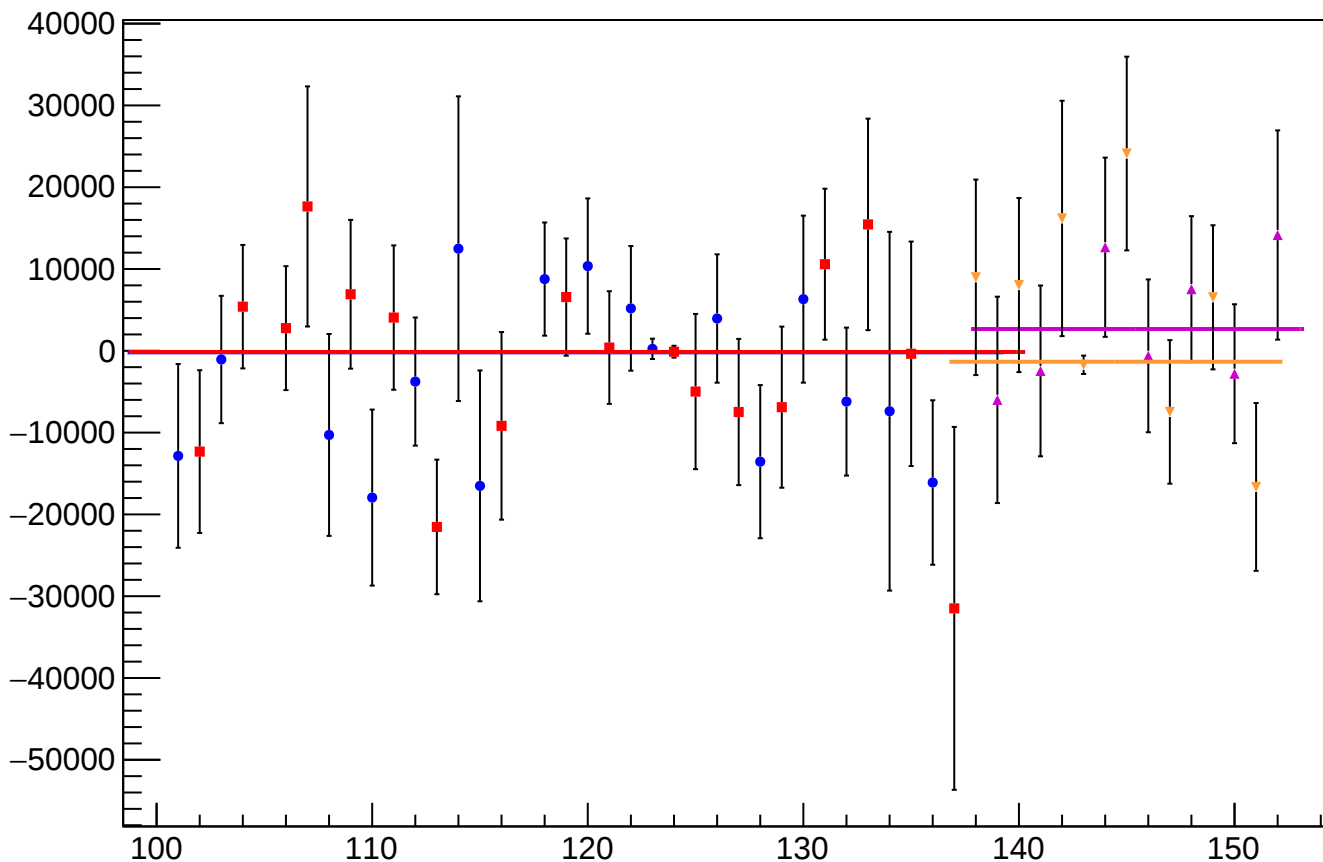
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2309.205+/-0.472 χ^2/NDF : 1019264.4/23

Out: 2371.931+/-0.486 χ^2/NDF : 1833645.6/25

All: 2339.673+/-0.339 χ^2/NDF : 2861471.0/49

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: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 2663.616+/-3840.689 χ^2/NDF : 3.2/6

Left: -1044.748+/-1039.798 χ^2/NDF : 15.4/14

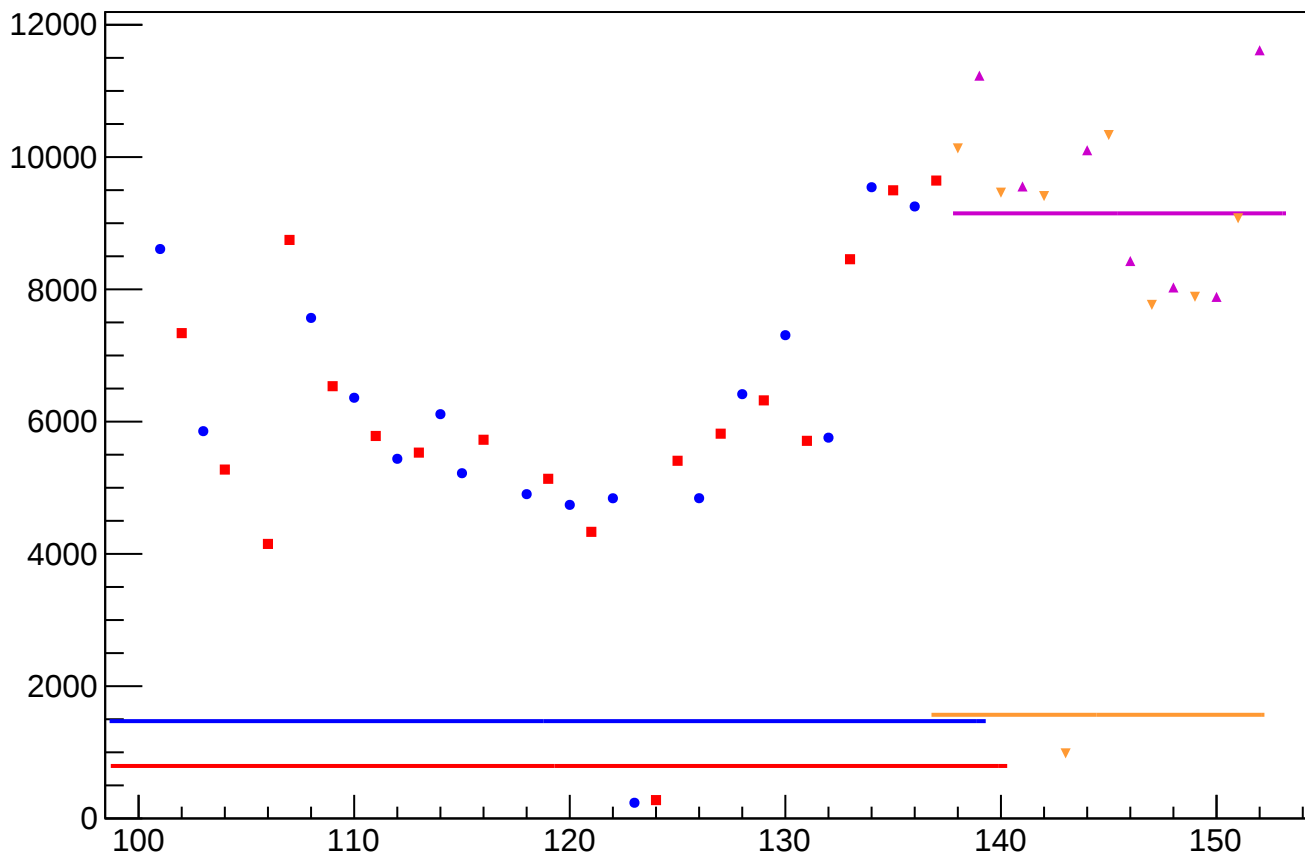
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 31.010+/-1058.175 χ^2/NDF : 20.1/23

Out: -489.282+/-582.067 χ^2/NDF : 31.1/25

All: -368.424+/-510.002 χ^2/NDF : 51.3/49

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1567.437+/-0.764

χ^2/NDF : 7455284.3/7

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9149.016+/-2.716

χ^2/NDF : 234708.7/6

Left: 2123.135+/-0.735

χ^2/NDF : 14912236.1/14

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2054.398+/-0.748

χ^2/NDF : 17408045.8/23

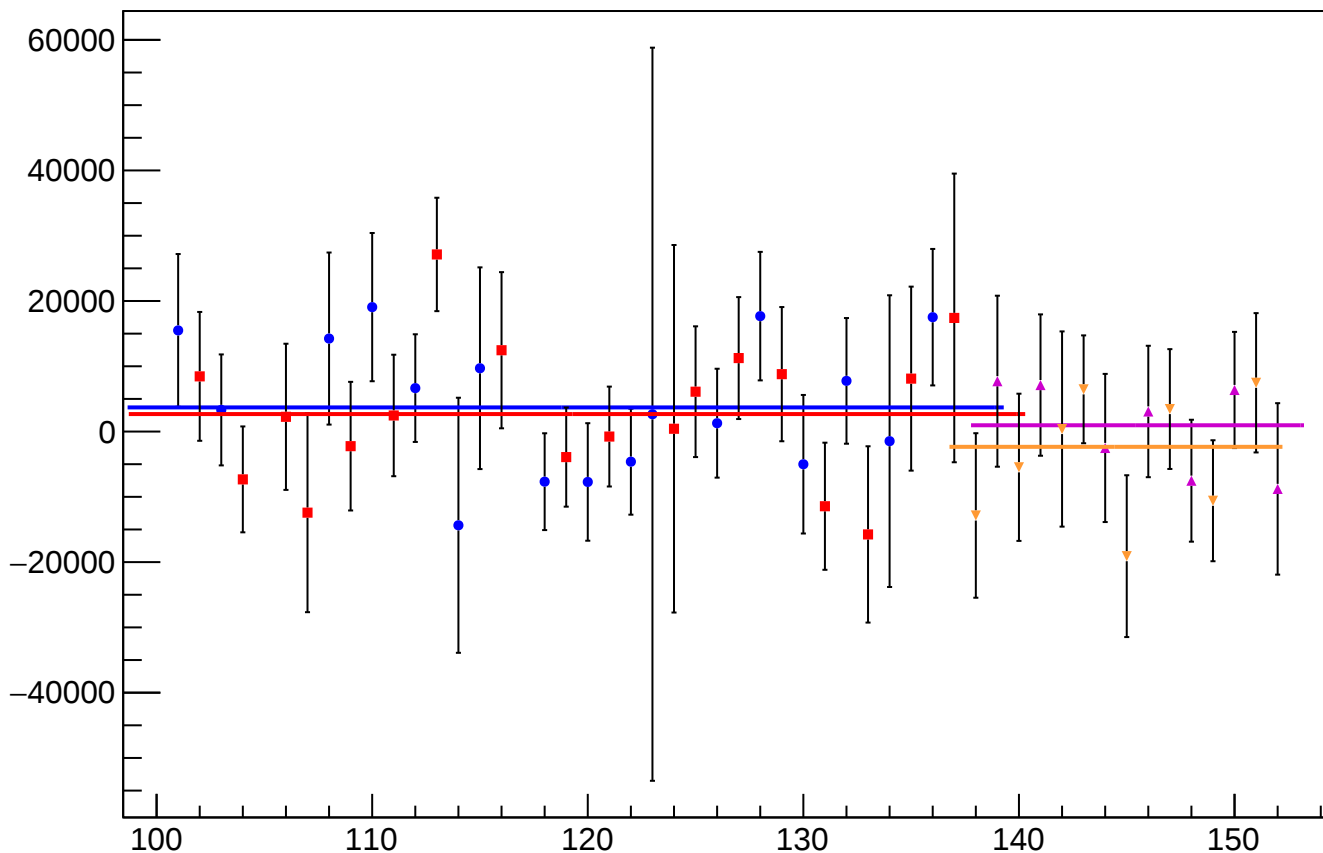
Out: 1018.361+/-0.412

χ^2/NDF : 19606189.6/25

All: 1259.021+/-0.361

χ^2/NDF : 38486083.2/4

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: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 963.843+/-4019.888 χ^2/NDF : 2.5/6

Left: -813.683+/-2732.018 χ^2/NDF : 8.6/14

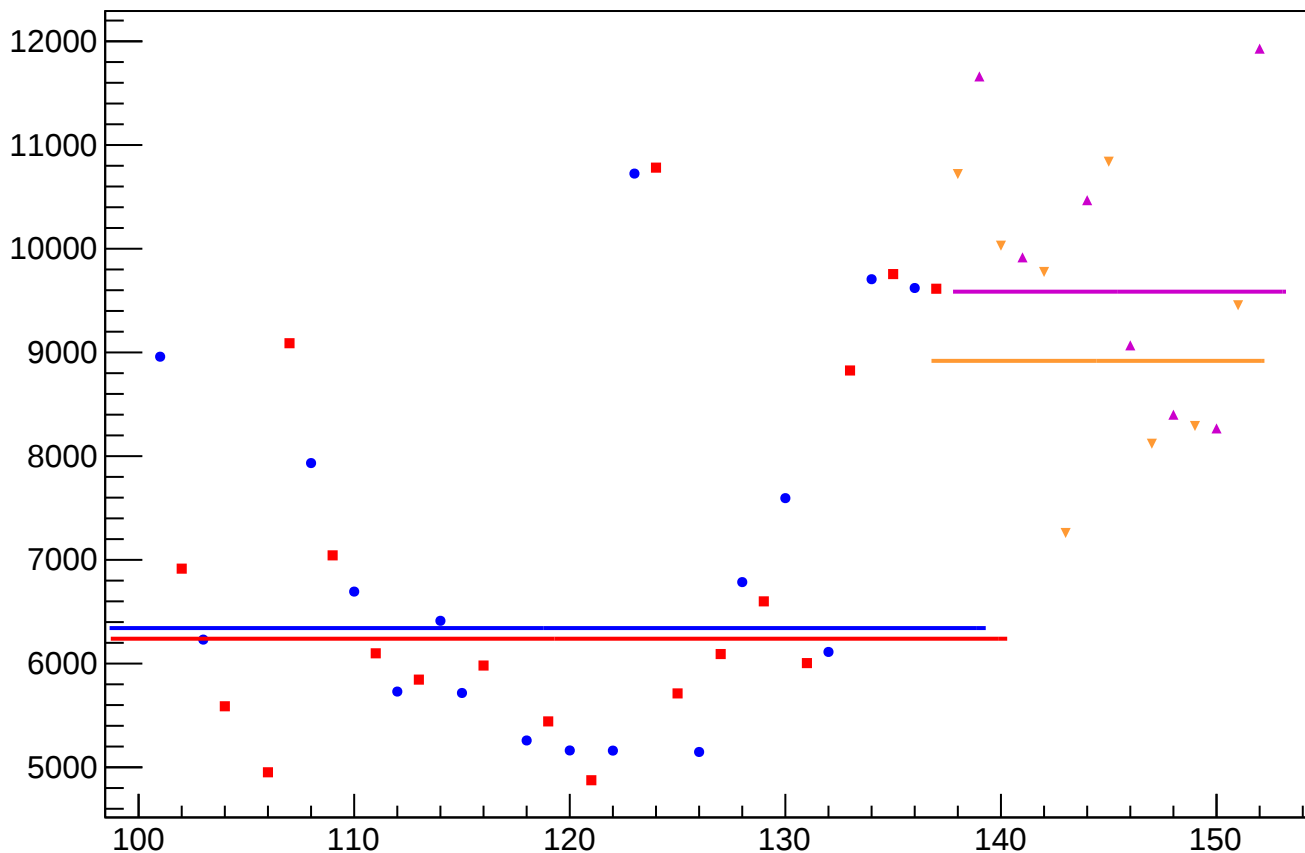
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2927.868+/-2133.899 χ^2/NDF : 17.2/23

Out: 1182.023+/-2034.327 χ^2/NDF : 25.6/25

All: 2013.264+/-1472.429 χ^2/NDF : 43.2/49

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 8918.866 $\pm$ 2.634 χ^2/NDF : 224924.0/7

Right Out: 6239.726 $\pm$ 1.717 χ^2/NDF : 529243.7/17

Left In: 9585.997 $\pm$ 2.842 χ^2/NDF : 209294.4/6

Left: 9227.008 $\pm$ 1.932 χ^2/NDF : 463859.6/14

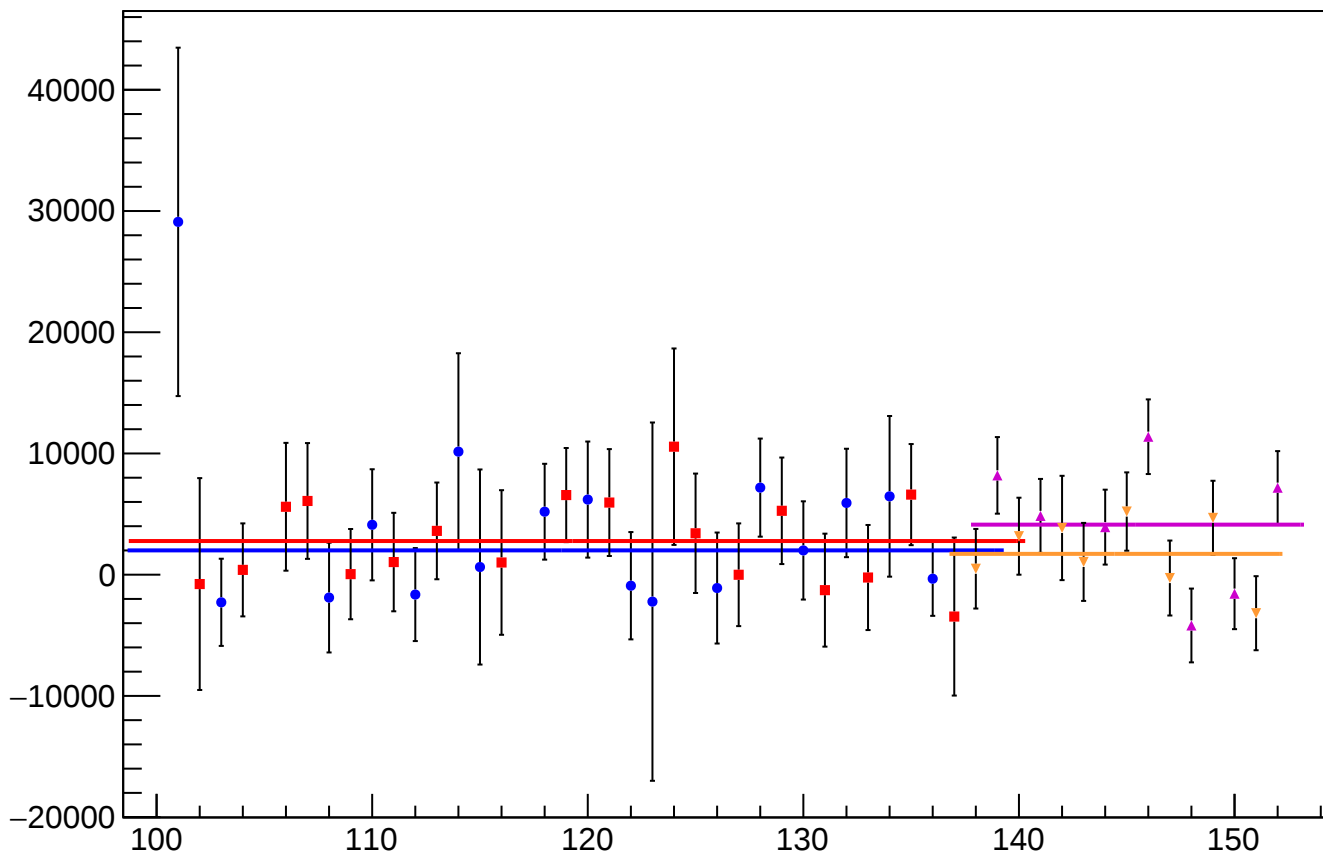
Right: 6289.173 $\pm$ 1.236 χ^2/NDF : 1124633.0/34

In: 7256.342 $\pm$ 1.509 χ^2/NDF : 1738219.1/23

Out: 7039.030 $\pm$ 1.438 χ^2/NDF : 1480355.1/25

All: 7142.495 $\pm$ 1.041 χ^2/NDF : 3229440.8/49

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 1717.471 $\pm$ 1149.454 χ^2 /NDF: 5.7/7

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 4128.218 $\pm$ 1152.953 χ^2 /NDF: 19.5/6

Left: 2919.180 $\pm$ 814.021 χ^2 /NDF: 27.5/14

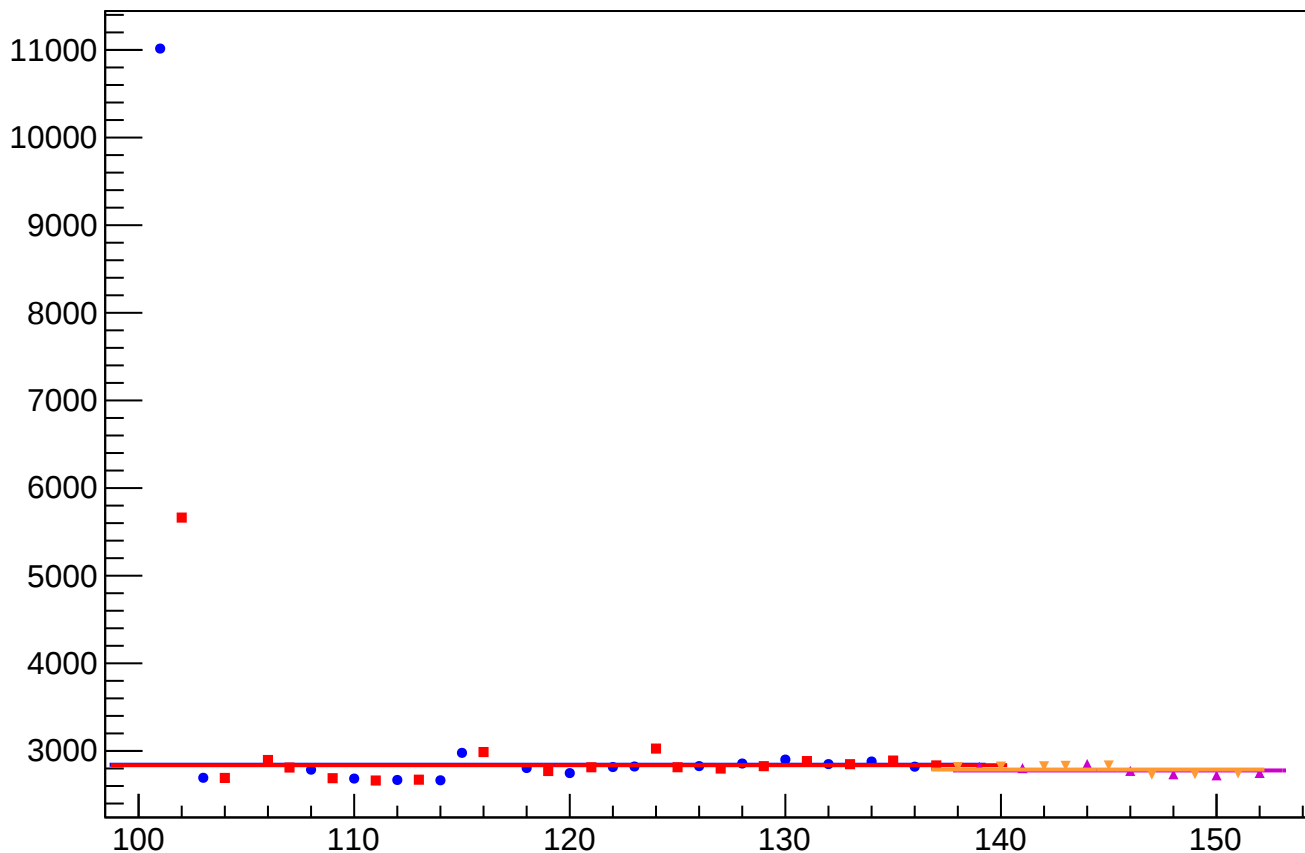
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3040.755 $\pm$ 805.354 χ^2 /NDF: 35.0/23

Out: 2276.386 $\pm$ 789.709 χ^2 /NDF: 14.5/25

All: 2651.074 $\pm$ 563.859 χ^2 /NDF: 49.9/49

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: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2777.475+/-0.815 χ^2/NDF : 2981.3/6

Left: 2782.568+/-0.576 χ^2/NDF : 6094.9/14

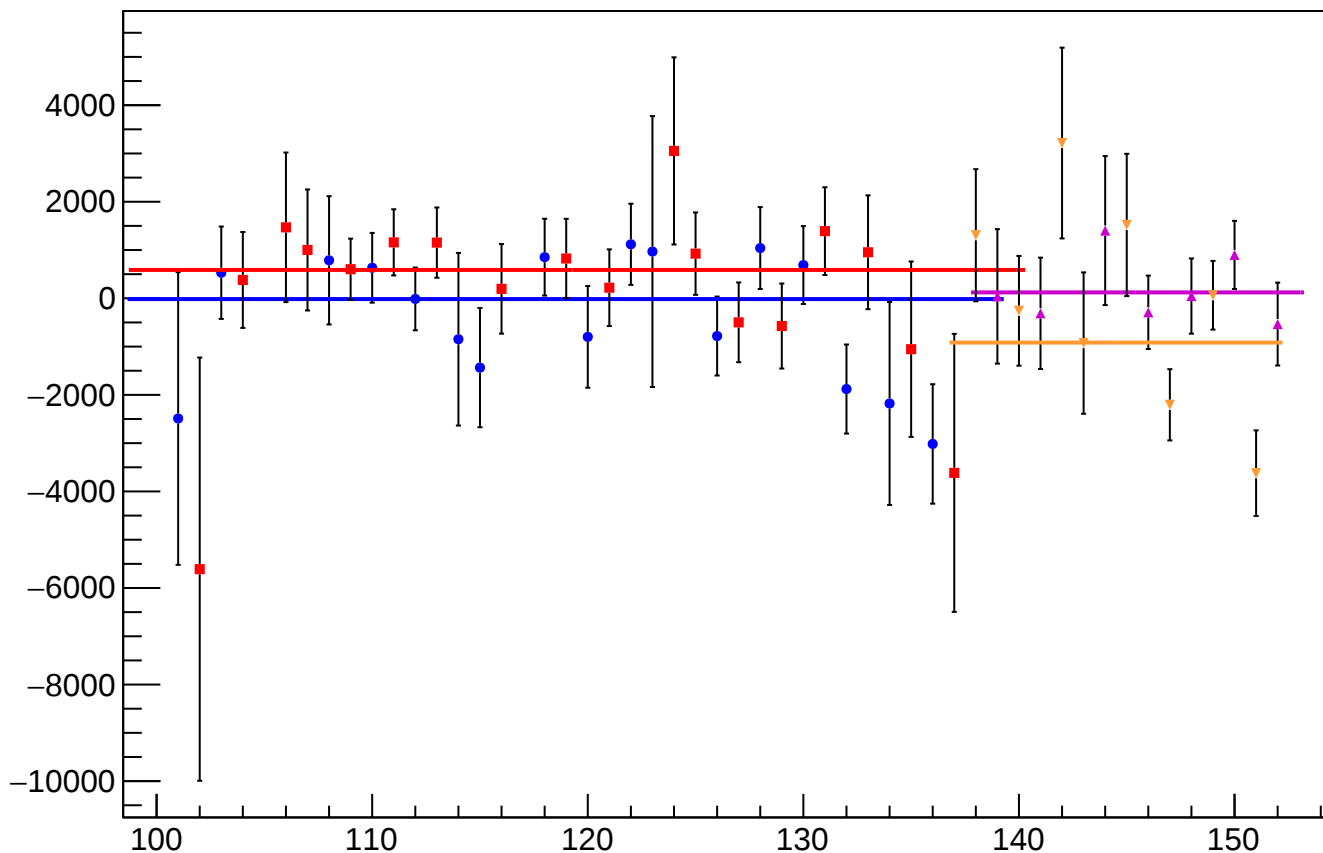
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2810.838+/-0.569 χ^2/NDF : 666556.9/23

Out: 2813.929+/-0.558 χ^2/NDF : 231440.6/25

All: 2812.414+/-0.399 χ^2/NDF : 898012.6/49

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: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: 122.366 ± 344.326 χ^2/NDF : 2.9/6

Left: -369.118 ± 249.928 χ^2/NDF : 31.6/14

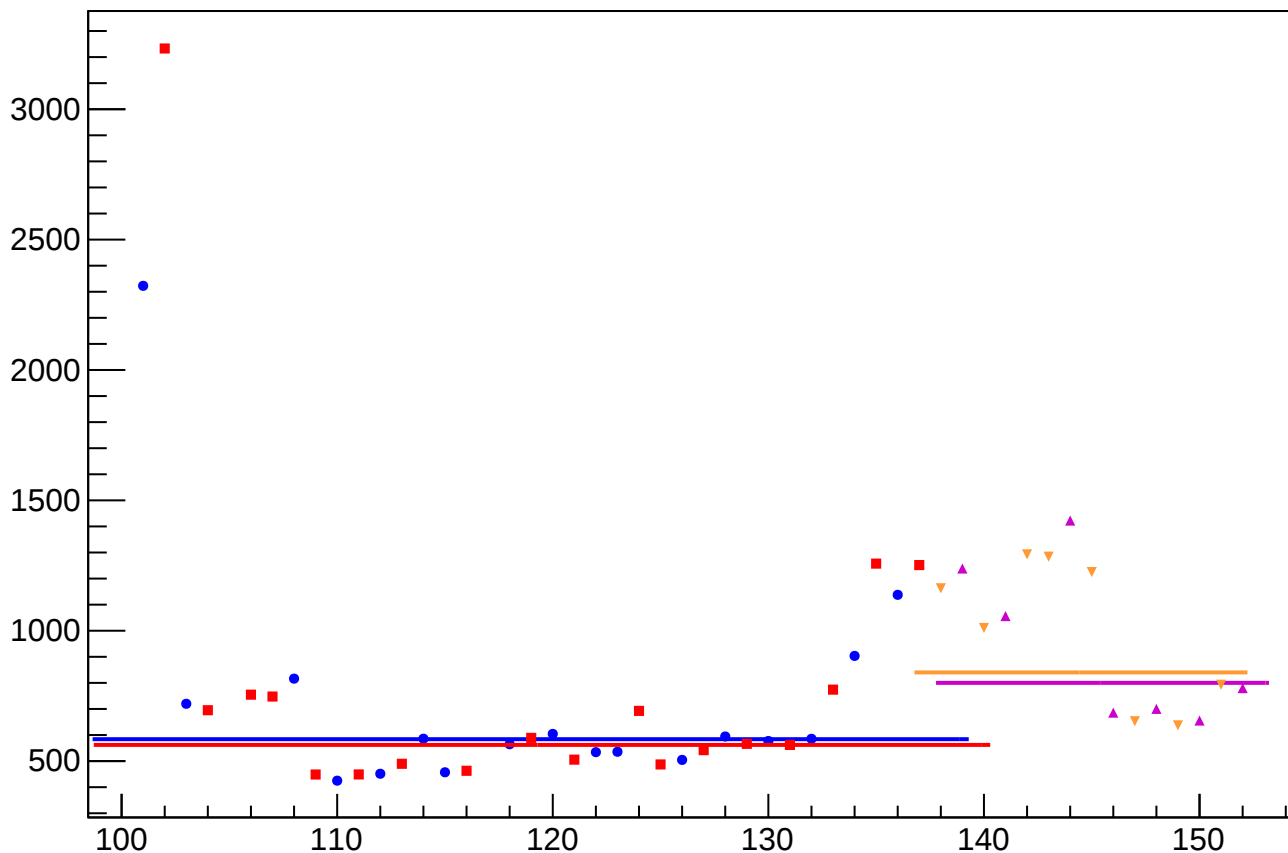
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 29.203 ± 196.262 χ^2/NDF : 24.6/23

Out: 168.558 ± 191.790 χ^2/NDF : 50.0/25

All: 100.486 ± 137.170 χ^2/NDF : 74.9/49

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: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 800.123+/-0.243 χ^2/NDF : 785189.4/6

Left: 819.055+/-0.177 χ^2/NDF : 1676587.7/14

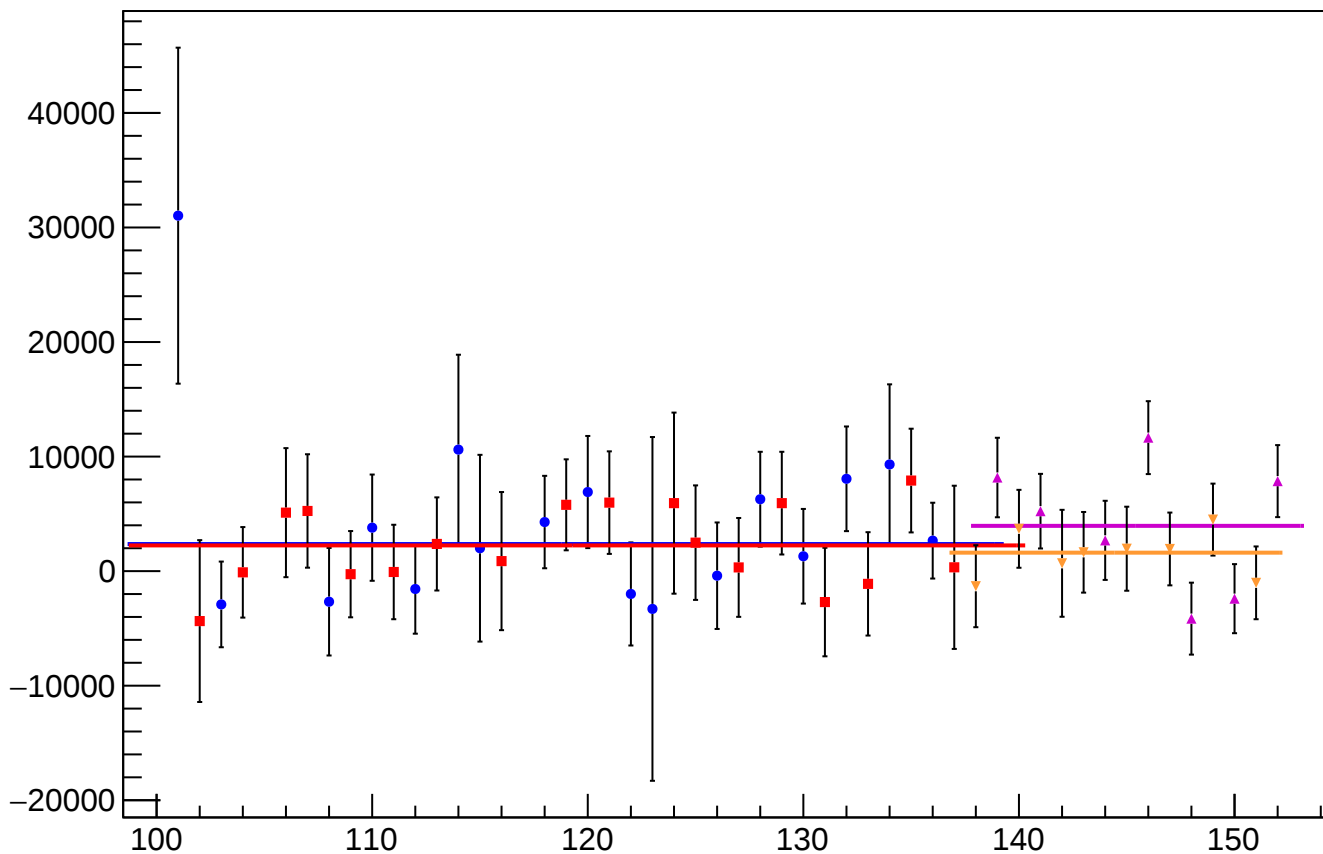
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 654.253+/-0.139 χ^2/NDF : 2753477.3/23

Out: 639.583+/-0.136 χ^2/NDF : 3248599.2/25

All: 646.749+/-0.097 χ^2/NDF : 6007791.7/49

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1612.698 $\pm$ 1226.310 χ^2 /NDF:2.6/7

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 3952.974 $\pm$ 1219.501 χ^2 /NDF:20.3/6

Left: 2789.351 $\pm$ 864.714 χ^2 /NDF: 24.7/14

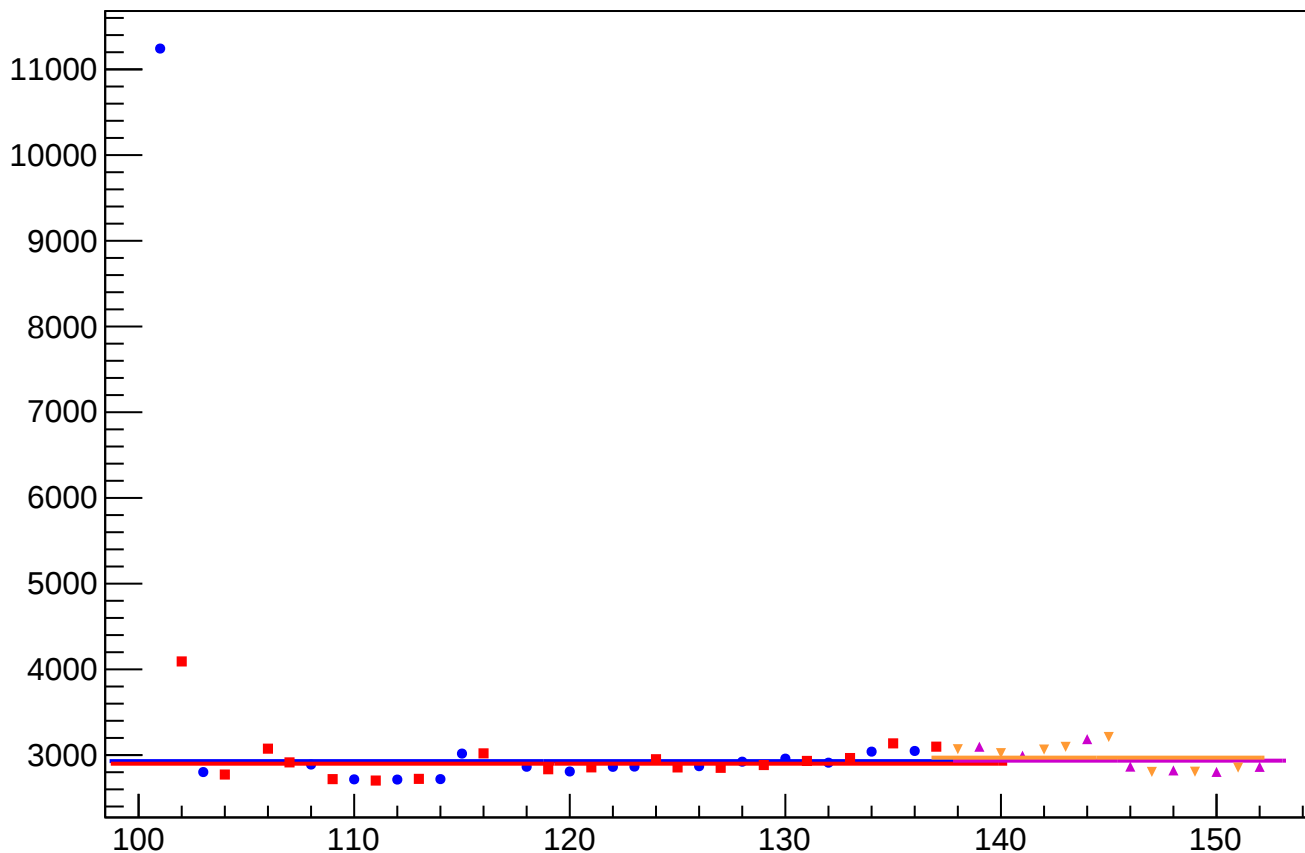
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3118.109 $\pm$ 840.470 χ^2 /NDF:36.2/23

Out: 1959.929 $\pm$ 823.731 χ^2 /NDF:11.3/25

All: 2527.371 $\pm$ 588.295 χ^2 /NDF: 48.5/49

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: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2934.910+/-0.862 χ^2/NDF : 24027.5/6

Left: 2952.390+/-0.611 χ^2/NDF : 52457.6/14

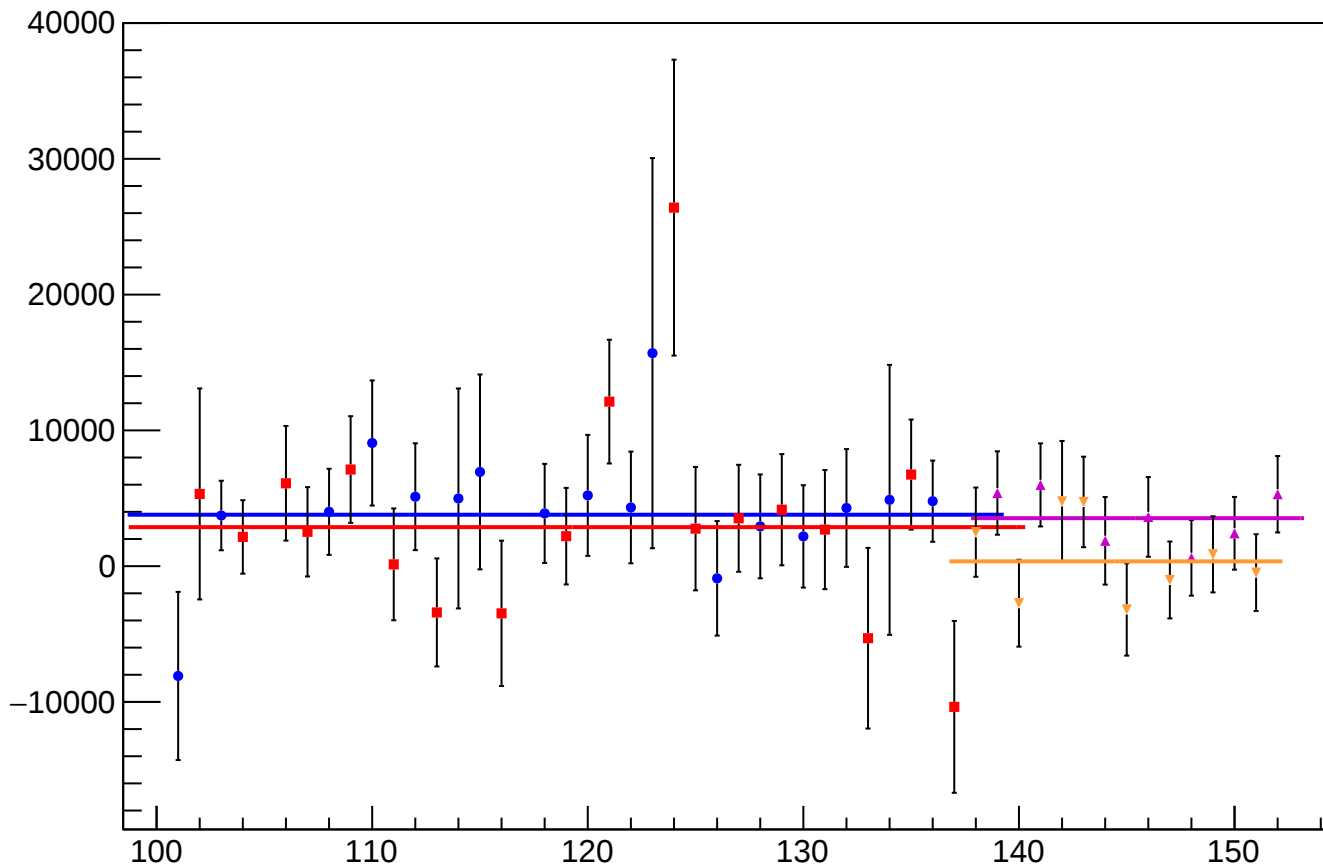
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2932.150+/-0.594 χ^2/NDF : 686676.0/23

Out: 2931.301+/-0.582 χ^2/NDF : 114788.2/25

All: 2931.717+/-0.416 χ^2/NDF : 801465.3/49

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: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3532.621 $\pm$ 1104.470 χ^2/NDF : 2.9/6

Left: 1967.678 $\pm$ 787.106 χ^2/NDF : 12.5/14

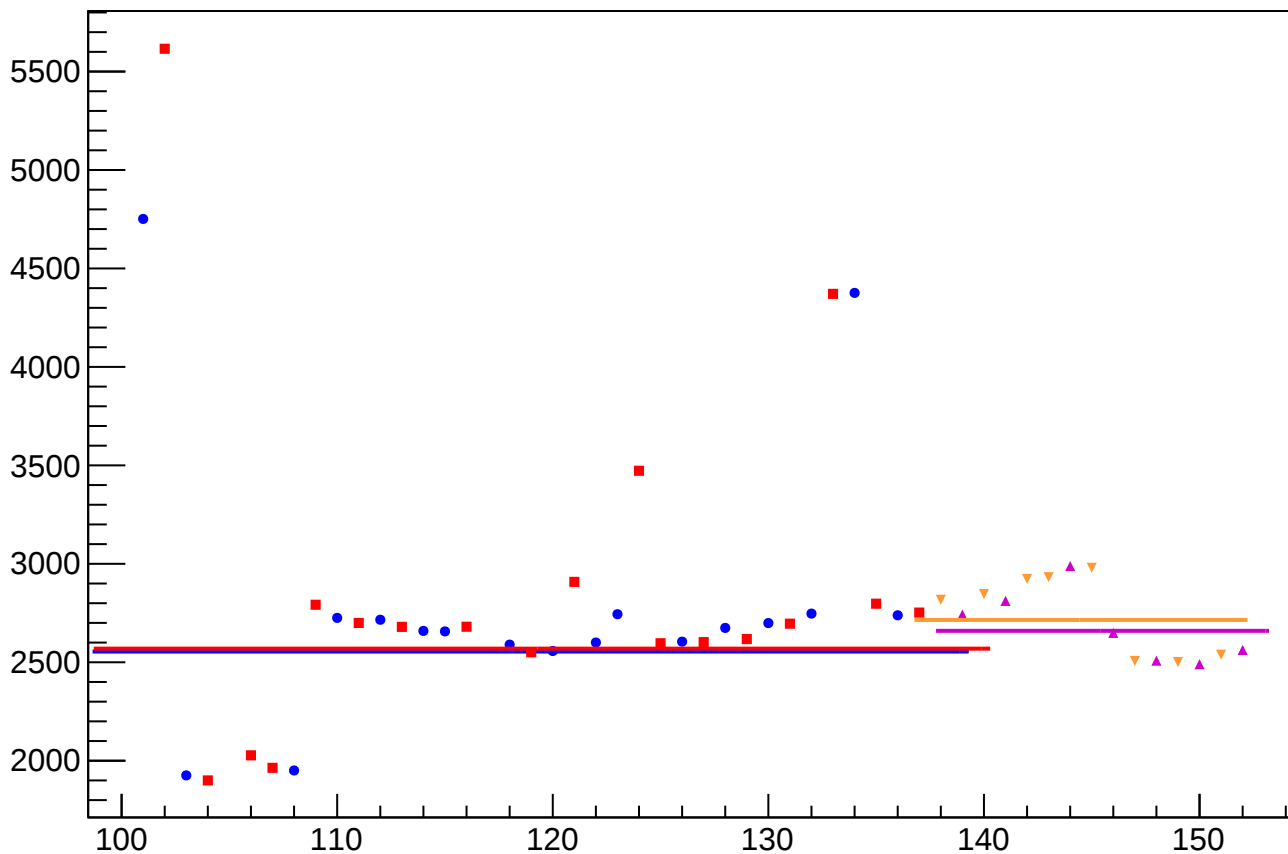
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3671.846 $\pm$ 744.586 χ^2/NDF : 10.7/23

Out: 1753.131 $\pm$ 748.222 χ^2/NDF : 30.3/25

All: 2717.163 $\pm$ 527.783 χ^2/NDF : 44.3/49

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: 2569.256 $\pm$ 0.710 χ^2/NDF : 723332.1/17

Left In: 2659.686 $\pm$ 0.781 χ^2/NDF : 43509.8/6

Left: 2686.919 $\pm$ 0.557 χ^2/NDF : 106509.1/14

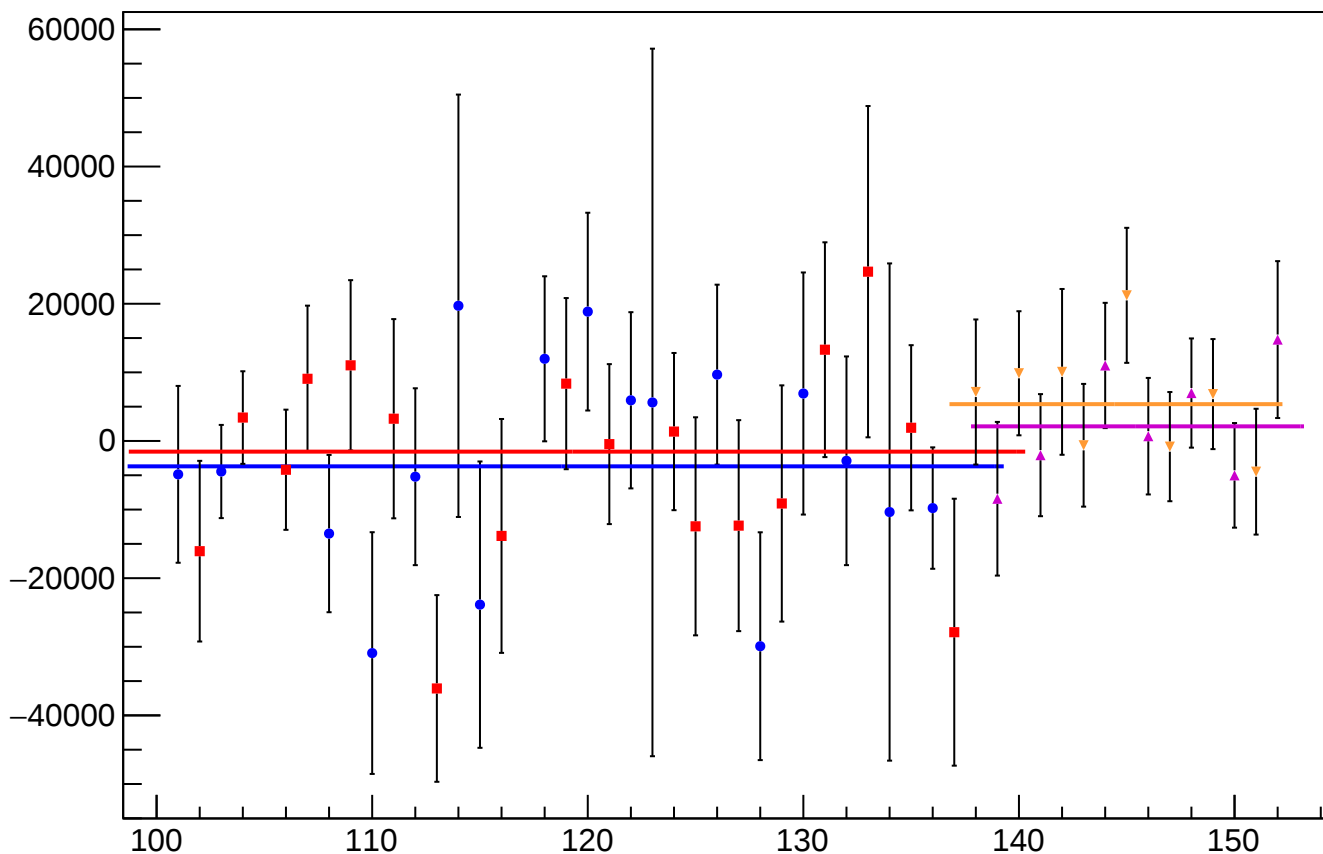
Right: 2561.929 $\pm$ 0.503 χ^2/NDF : 1260172.2/34

In: 2602.326 $\pm$ 0.527 χ^2/NDF : 590024.5/23

Out: 2634.050 $\pm$ 0.529 χ^2/NDF : 802612.4/25

All: 2618.114 $\pm$ 0.373 χ^2/NDF : 1394443.7/49

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 5365.311 $\pm$ 3260.215 χ^2/NDF : 5.3/7

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2129.492 $\pm$ 3388.338 χ^2/NDF : 4.6/6

Left: 3809.735 $\pm$ 2349.309 χ^2/NDF : 10.3/14

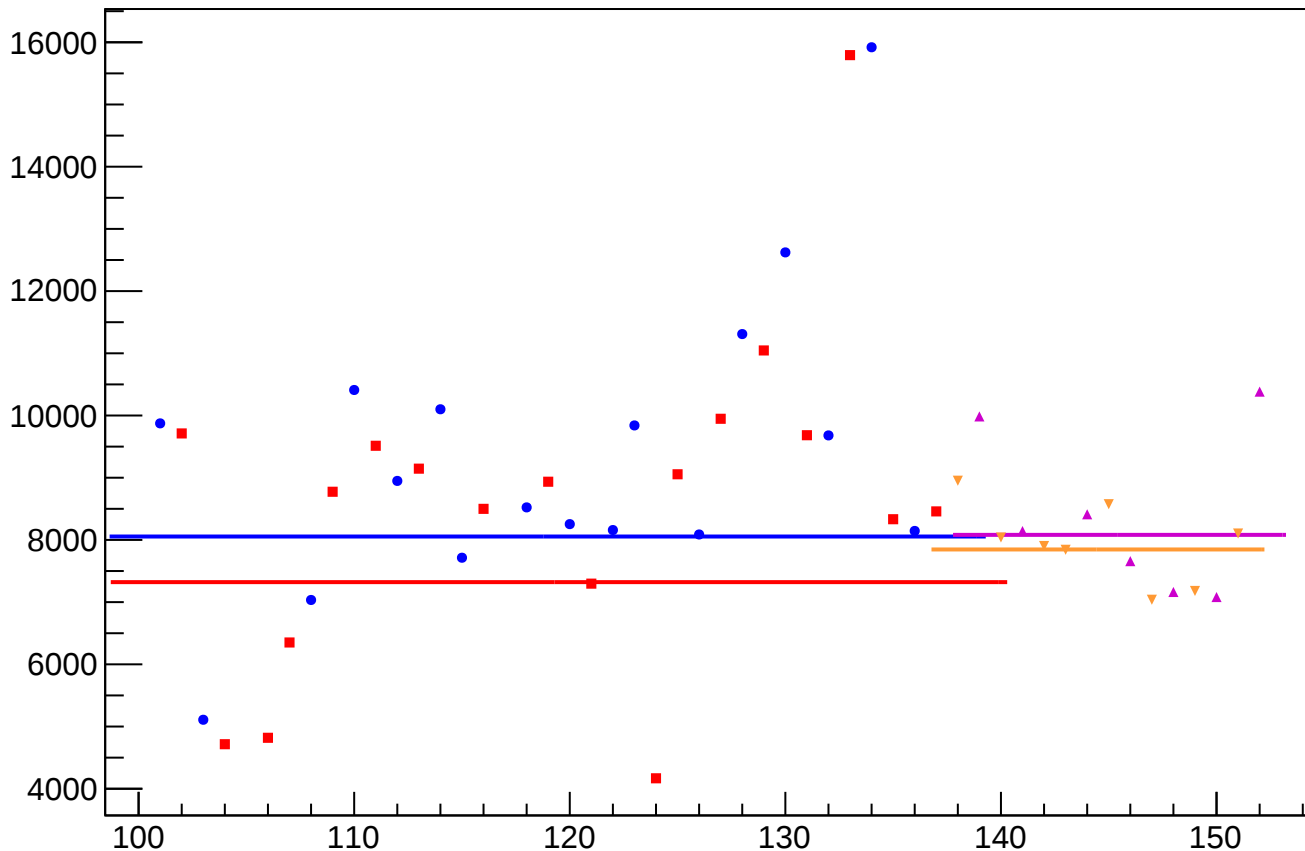
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -935.352 $\pm$ 2333.305 χ^2/NDF : 19.9/23

Out: 1515.310 $\pm$ 2171.713 χ^2/NDF : 24.6/25

All: 377.770 $\pm$ 1589.693 χ^2/NDF : 45.1/49

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: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8081.241+/-2.396 χ^2/NDF : 207569.8/6

Left: 7959.389+/-1.661 χ^2/NDF : 282321.6/14

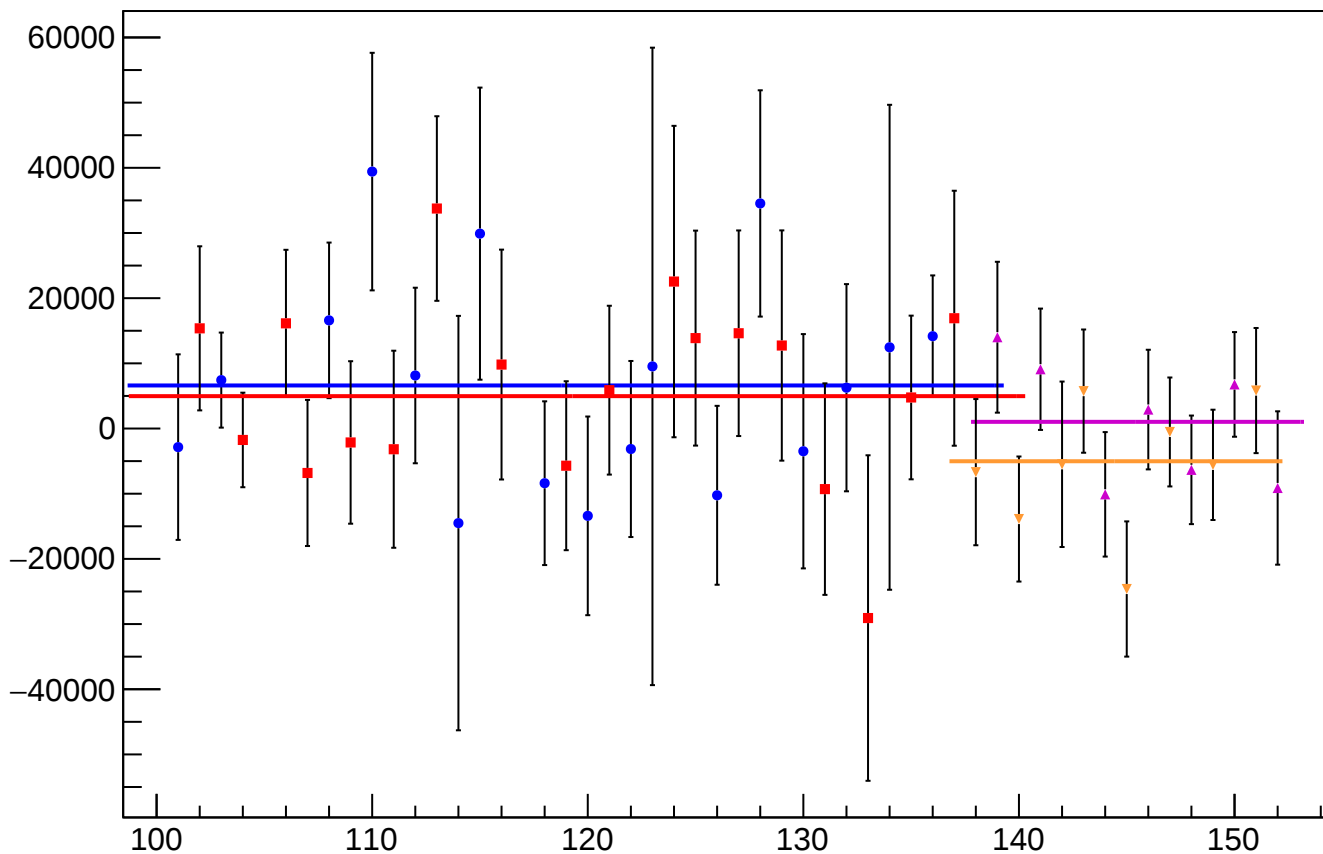
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8067.324+/-1.650 χ^2/NDF : 1028397.3/23

Out: 7554.449+/-1.536 χ^2/NDF : 1434593.7/25

All: 7792.514+/-1.124 χ^2/NDF : 2514767.3/49

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: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1026.362+/-3557.844 χ^2/NDF : 5.4/6

Left: -2101.126+/-2472.009 χ^2/NDF : 14.3/14

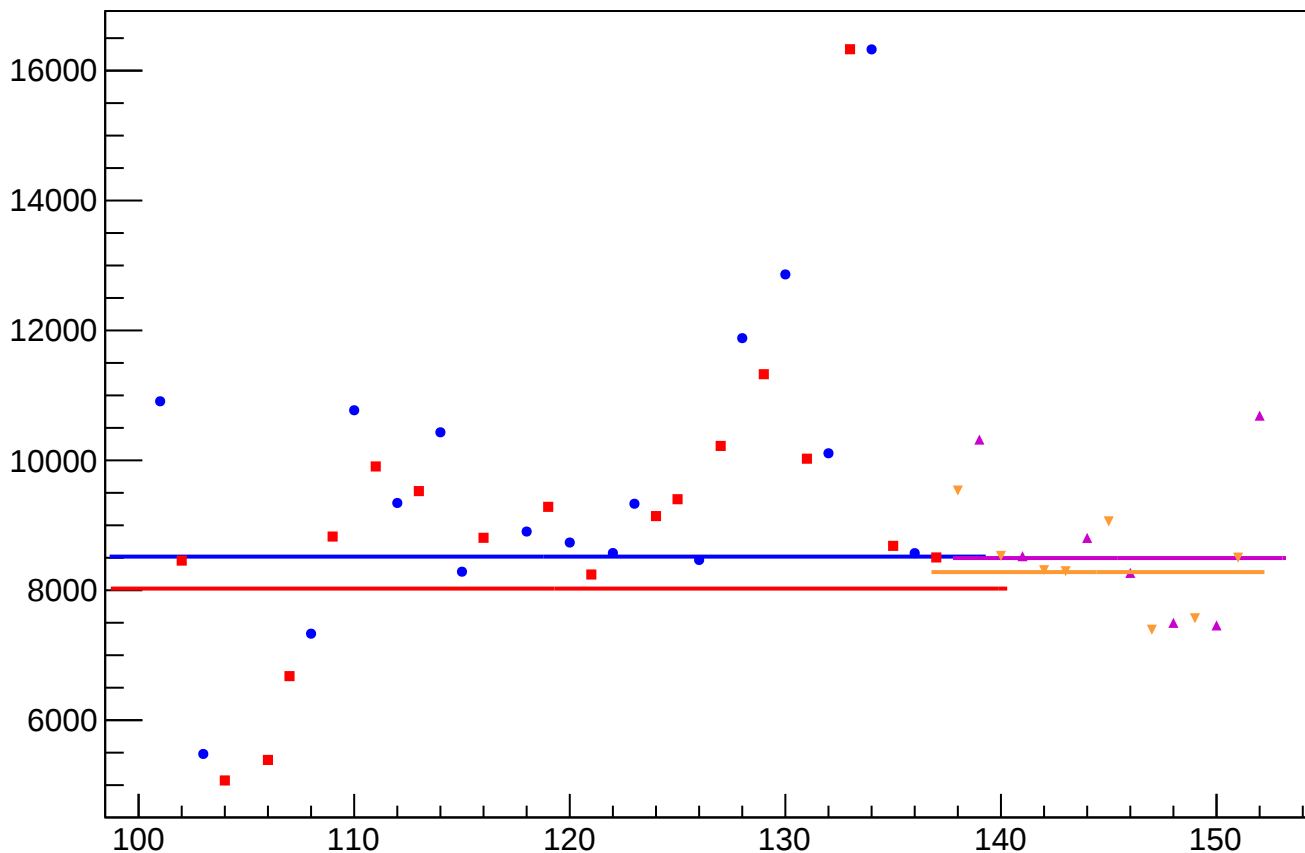
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3946.777+/-2456.508 χ^2/NDF : 21.4/23

Out: 366.353+/-2332.988 χ^2/NDF : 25.4/25

All: 2064.288+/-1691.654 χ^2/NDF : 48.0/49

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: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8496.050+/-2.516 χ^2/NDF : 184567.8/6

Left: 8384.371+/-1.748 χ^2/NDF : 263916.7/14

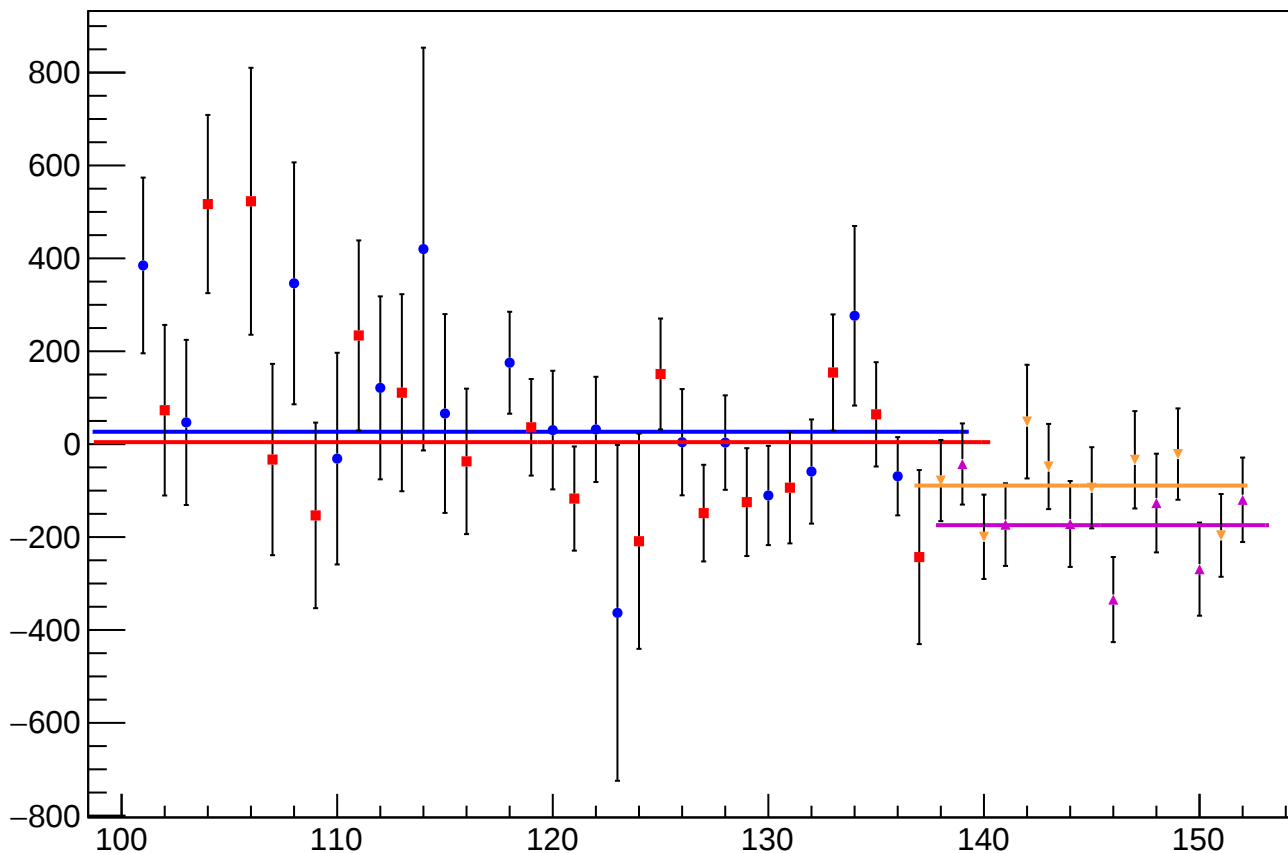
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8507.679+/-1.737 χ^2/NDF : 956603.6/23

Out: 8143.103+/-1.650 χ^2/NDF : 1024091.7/25

All: 8315.991+/-1.196 χ^2/NDF : 2003857.3/49

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: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -174.364 ± 35.302 $\chi^2/\text{NDF}: 6.8/6$

Left: -129.540 ± 24.310 $\chi^2/\text{NDF}: 15.0/14$

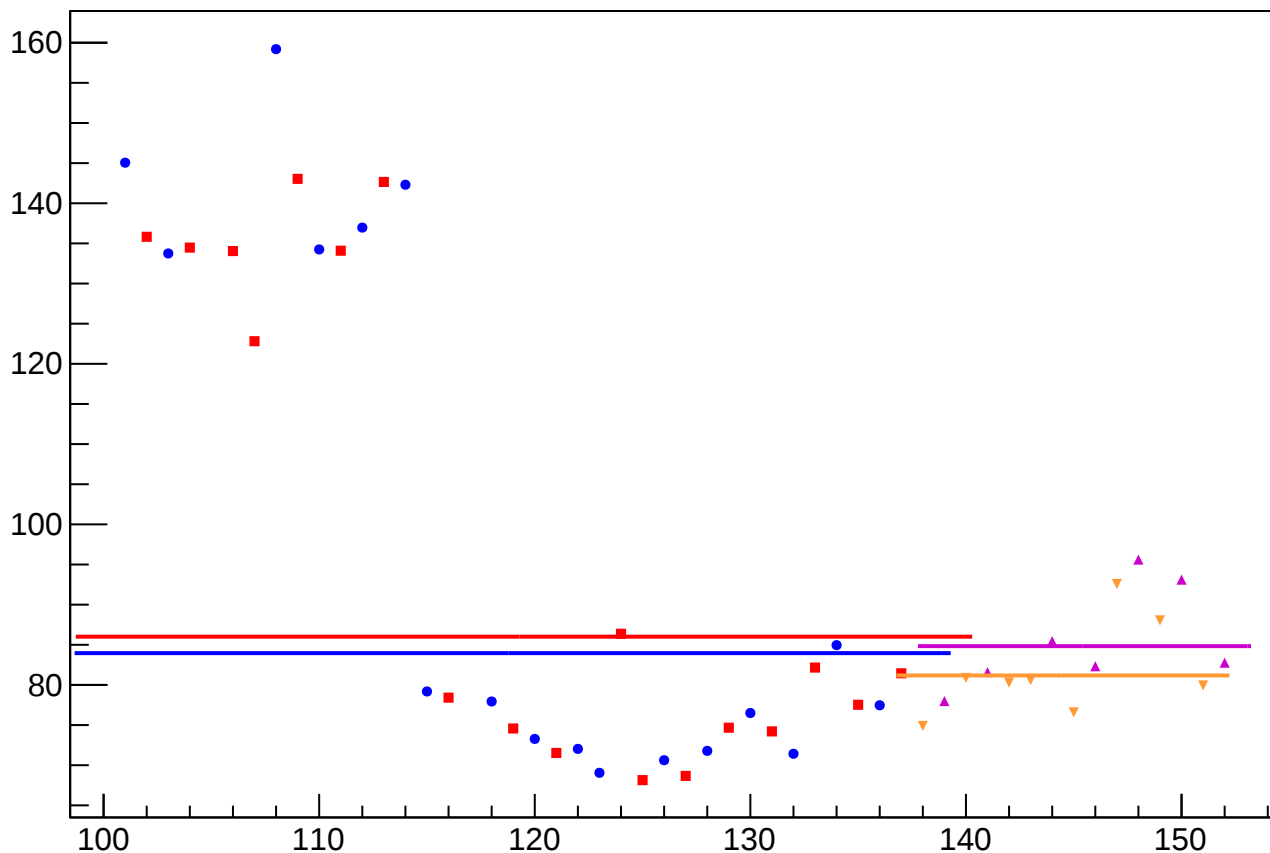
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -68.941 ± 24.348 $\chi^2/\text{NDF}: 38.3/23$

Out: -42.822 ± 23.818 $\chi^2/\text{NDF}: 32.9/25$

All: -55.594 ± 17.026 $\chi^2/\text{NDF}: 71.9/49$

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: 86.012 $\pm$ 0.024 χ^2/NDF : 1026404.0/17

Left In: 84.833 $\pm$ 0.025 χ^2/NDF : 51798.3/6

Left: 82.912 $\pm$ 0.017 χ^2/NDF : 112920.9/14

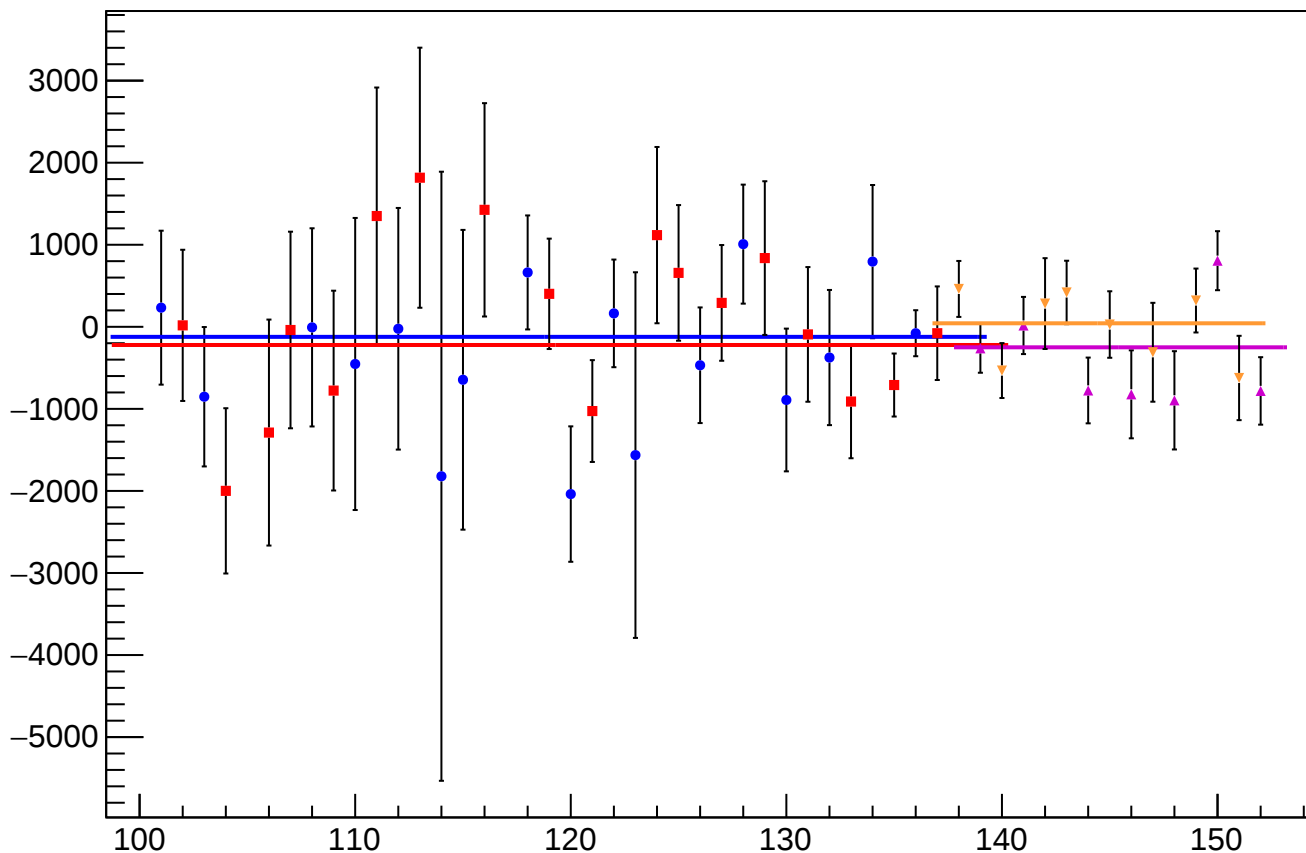
Right: 84.980 $\pm$ 0.017 χ^2/NDF : 1990355.7/34

In: 84.375 $\pm$ 0.017 χ^2/NDF : 1012691.7/23

Out: 83.573 $\pm$ 0.017 χ^2/NDF : 1096849.0/25

All: 83.965 $\pm$ 0.012 χ^2/NDF : 2110650.7/49

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: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -249.928+/-147.964 χ^2/NDF : 14.9/6

Left: -101.892+/-104.037 χ^2/NDF : 25.0/14

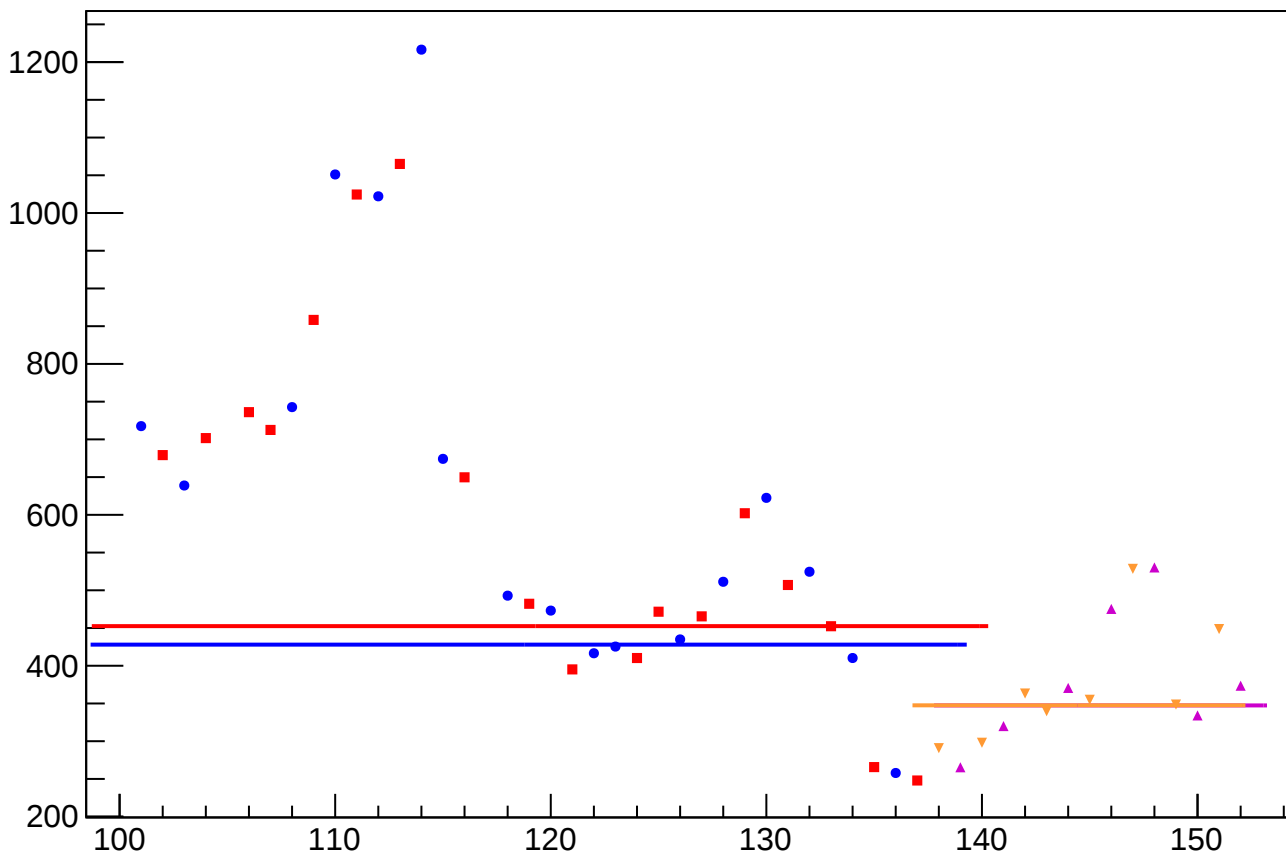
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -198.366+/-114.197 χ^2/NDF : 28.2/23

Out: -58.812+/-114.782 χ^2/NDF : 27.4/25

All: -128.946+/-80.955 χ^2/NDF : 56.4/49

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 347.550 $\pm$ 0.103 χ^2 /NDF:360079.9/7

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 347.421 $\pm$ 0.105 χ^2 /NDF:481964.8/6

Left: 347.486 $\pm$ 0.074 χ^2 /NDF: 842045.4/14

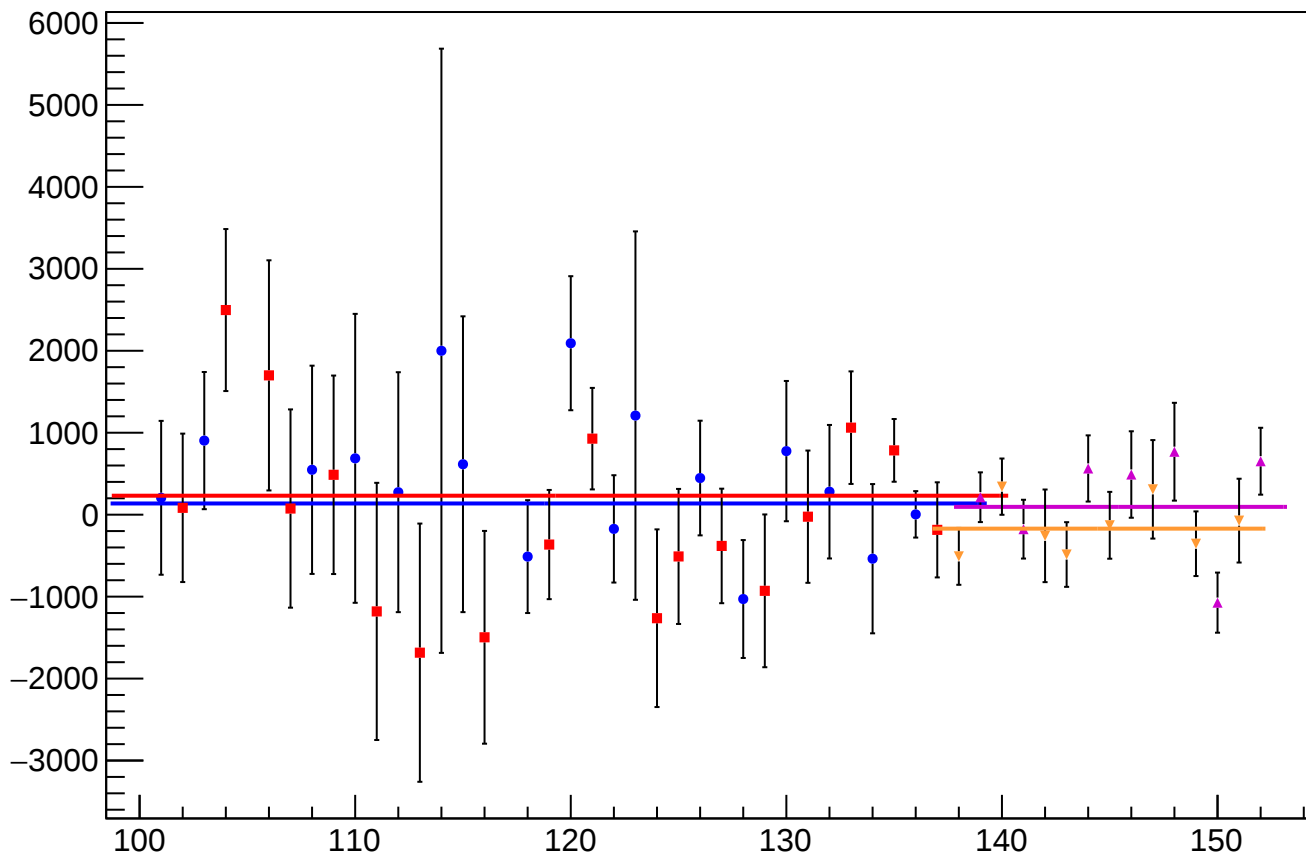
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 379.997 $\pm$ 0.081 χ^2 /NDF:2783962.0/23

Out: 387.910 $\pm$ 0.081 χ^2 /NDF:2828893.8/25

All: 383.933 $\pm$ 0.057 χ^2 /NDF: 5617632.8/49

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -170.380 $\pm$ 148.440 χ^2 /NDF:4.7/7

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 95.354 $\pm$ 149.735 χ^2 /NDF:15.9/6

Left: -38.667 $\pm$ 105.418 χ^2 /NDF: 22.3/14

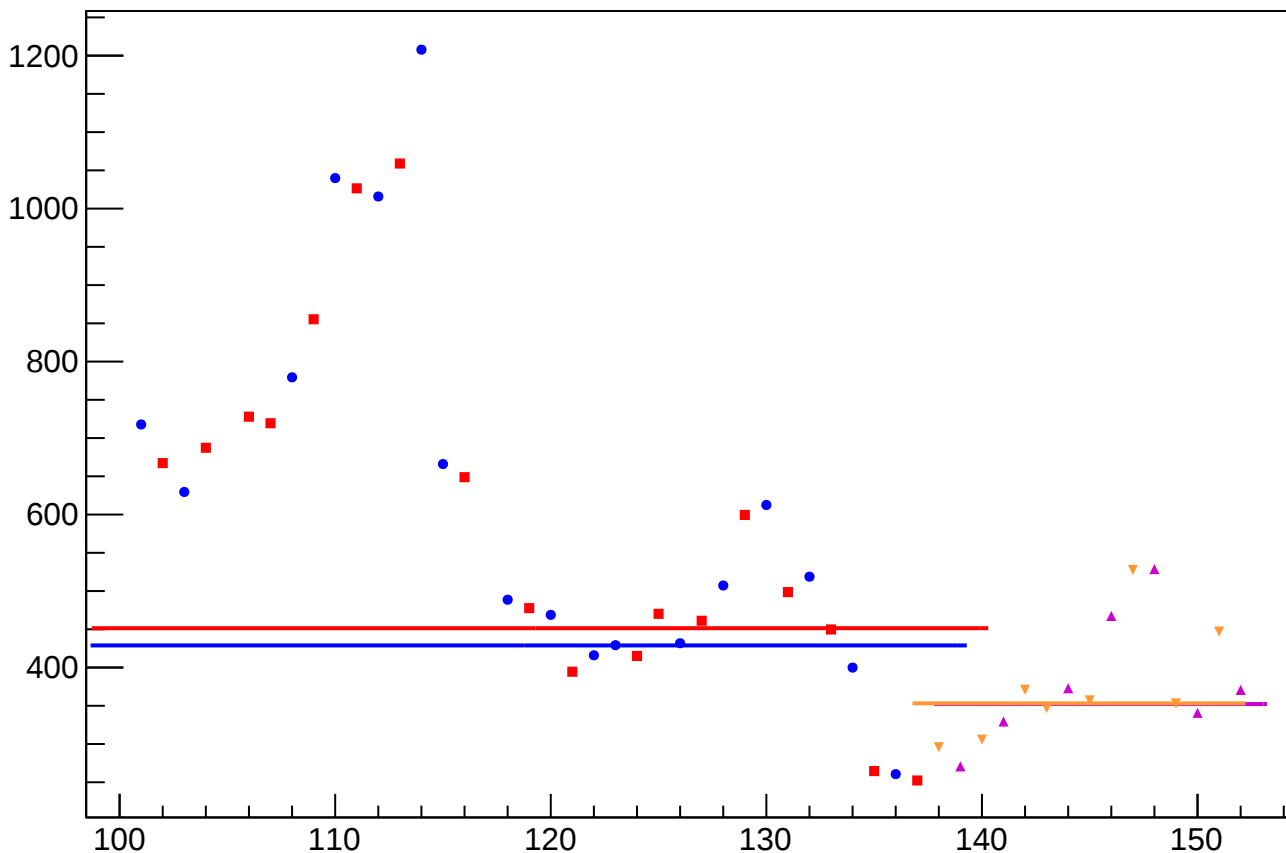
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 112.353 $\pm$ 115.010 χ^2 /NDF:28.6/23

Out: -12.510 $\pm$ 115.674 χ^2 /NDF:29.4/25

All: 50.280 $\pm$ 81.558 χ^2 /NDF: 58.5/49

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 353.167 $\pm$ 0.105 χ^2 /NDF:331400.2/7

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 352.227 $\pm$ 0.106 χ^2 /NDF:433747.2/6

Left: 352.701 $\pm$ 0.075 χ^2 /NDF: 765187.2/14

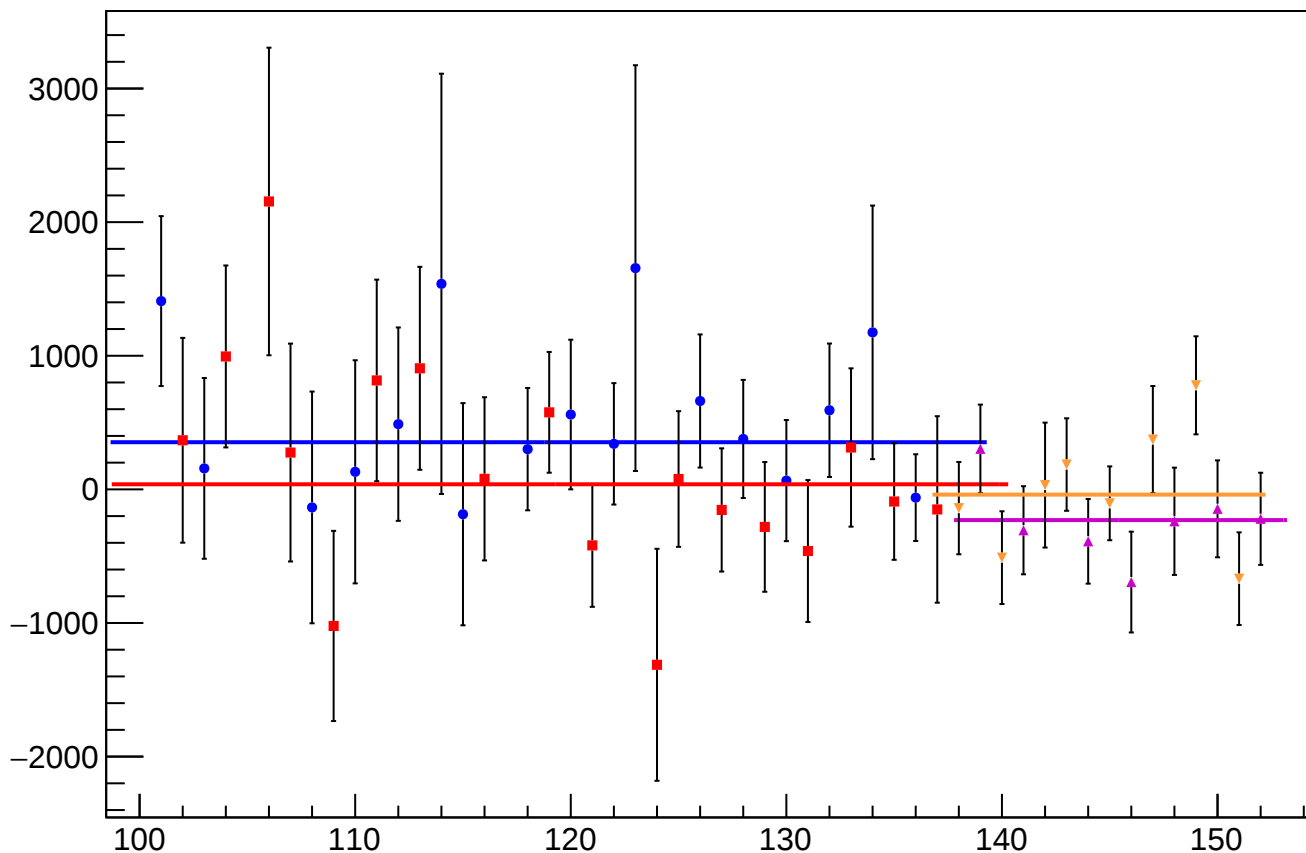
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 383.661 $\pm$ 0.081 χ^2 /NDF:2659303.4/23

Out: 391.752 $\pm$ 0.082 χ^2 /NDF:2706215.1/25

All: 387.683 $\pm$ 0.058 χ^2 /NDF: 5370438.9/49

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2 /NDF: 8.5/16

Left Out: -39.252 $\pm$ 124.337 χ^2 /NDF:11.8/7

Right Out: 37.982 $\pm$ 139.023 χ^2 /NDF: 16.9/17

Left In: -229.970 $\pm$ 131.846 χ^2 /NDF:4.5/6

Left: -129.025 $\pm$ 90.458 χ^2 /NDF: 17.3/14

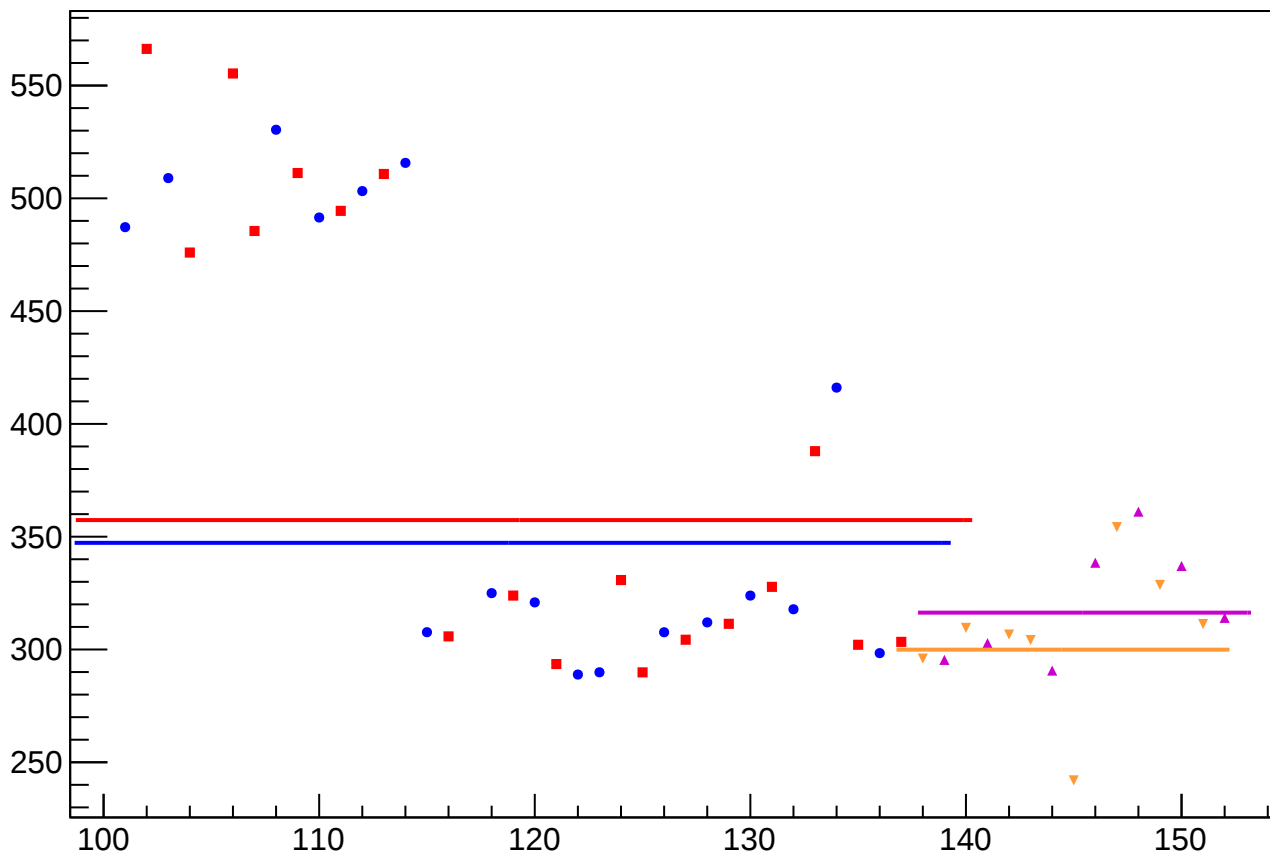
Right: 197.421 $\pm$ 97.689 χ^2 /NDF: 28.1/34

In: 49.677 $\pm$ 95.098 χ^2 /NDF:22.4/23

Out: -4.929 $\pm$ 92.678 χ^2 /NDF:28.8/25

All: 21.670 $\pm$ 66.372 χ^2 /NDF: 51.4/49

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: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 316.332 $\pm$ 0.093 χ^2 /NDF:62866.3/6

Left: 307.648 $\pm$ 0.064 χ^2 /NDF: 220915.1/14

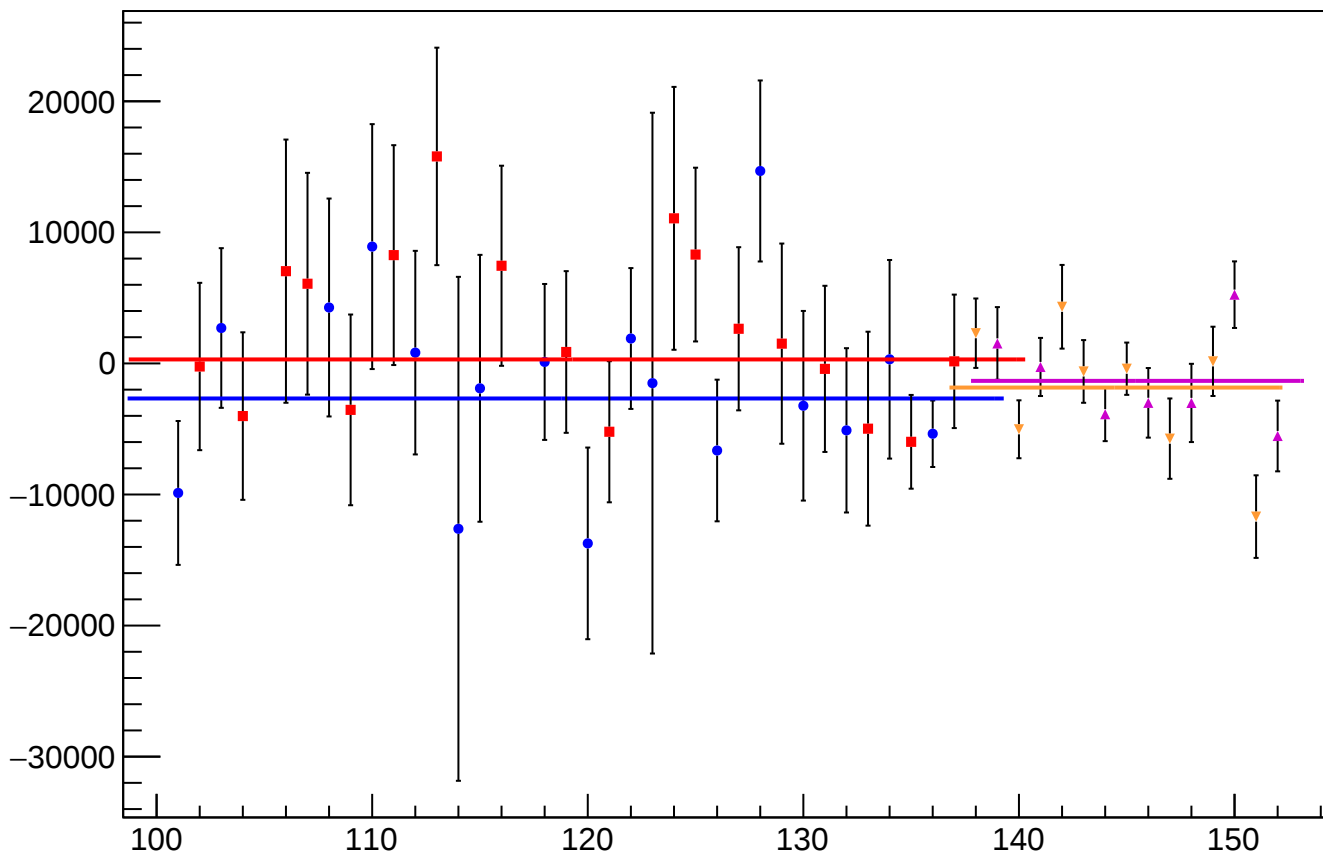
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 331.179 $\pm$ 0.067 χ^2 /NDF:734639.5/23

Out: 325.452 $\pm$ 0.066 χ^2 /NDF:1091282.3/25

All: 328.241 $\pm$ 0.047 χ^2 /NDF: 1829642.6/49

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1840.871 $\pm$ 904.597 χ^2 /NDF:21.0/7

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -1330.481 $\pm$ 946.339 χ^2 /NDF:12.7/6

Left: -1597.181 $\pm$ 653.906 χ^2 /NDF: 33.8/14

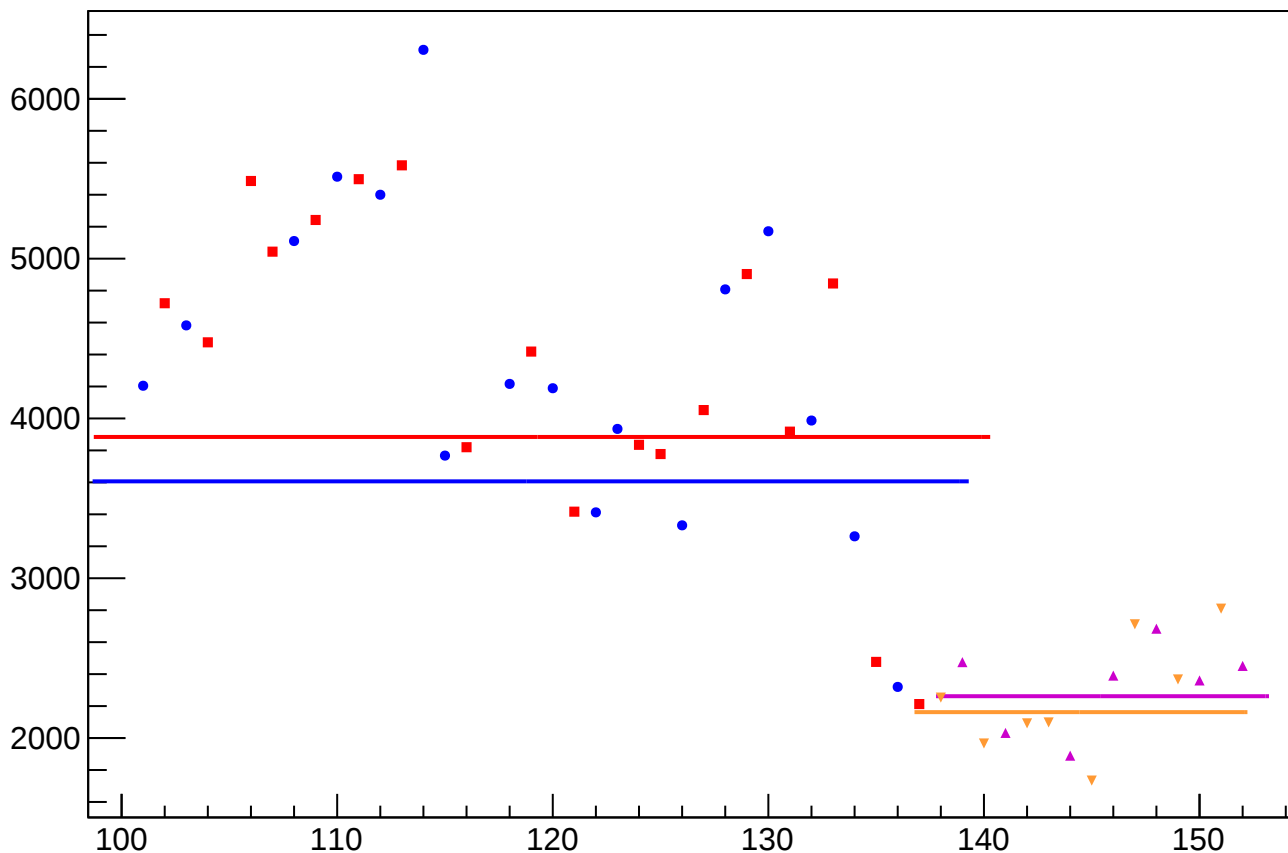
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -1729.422 $\pm$ 793.498 χ^2 /NDF:30.0/23

Out: -1278.493 $\pm$ 777.061 χ^2 /NDF:36.8/25

All: -1499.239 $\pm$ 555.185 χ^2 /NDF: 67.0/49

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: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2261.810+/-0.669 χ^2/NDF : 156518.1/6

Left: 2209.729+/-0.462 χ^2/NDF : 441686.1/14

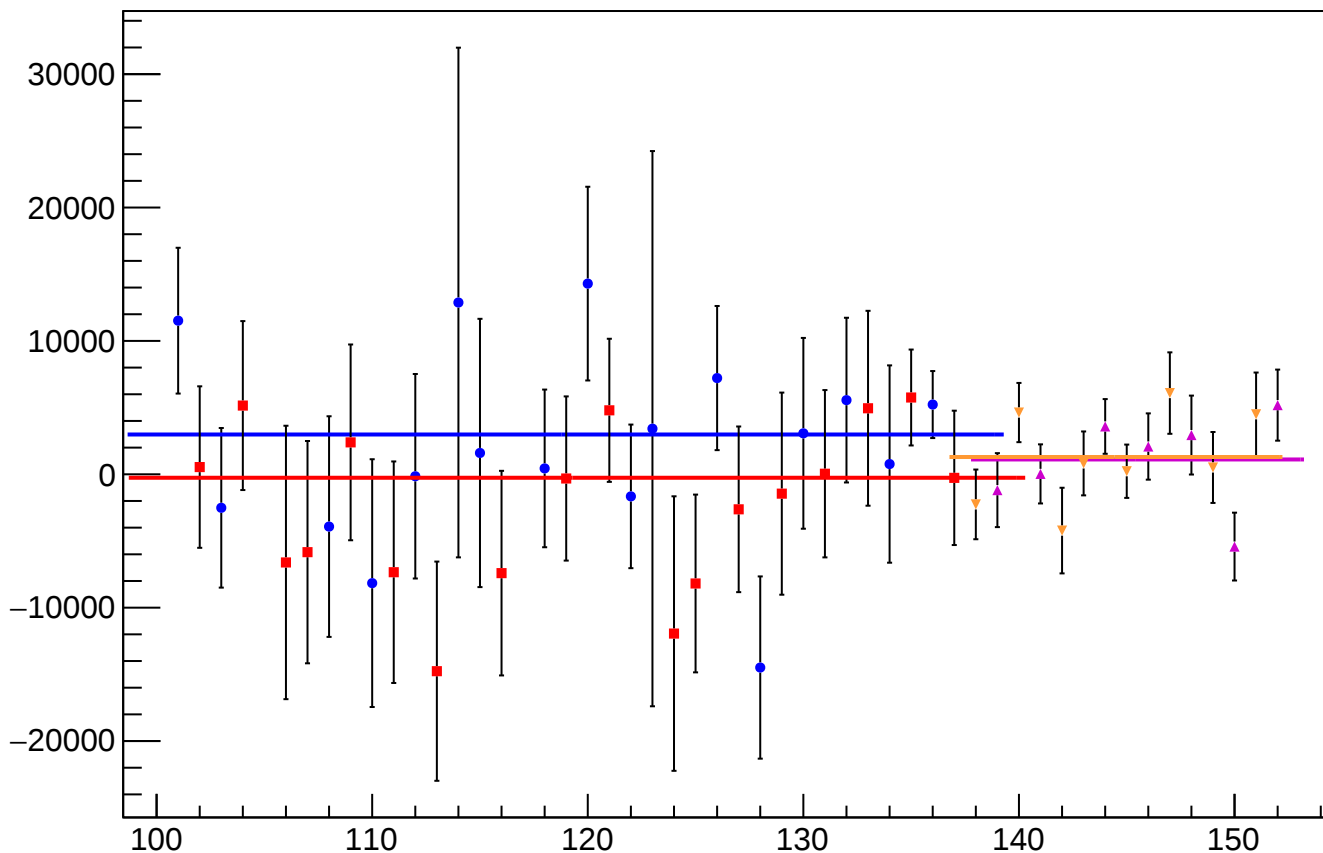
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2661.049+/-0.561 χ^2/NDF : 2447833.1/23

Out: 2613.488+/-0.549 χ^2/NDF : 3167821.1/25

All: 2636.771+/-0.393 χ^2/NDF : 5619321.9/49

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1295.497+/-904.728 χ^2/NDF : 11.0/7

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 1111.459+/-935.244 χ^2/NDF : 11.9/6

Left: 1206.529+/-650.260 χ^2/NDF : 22.9/14

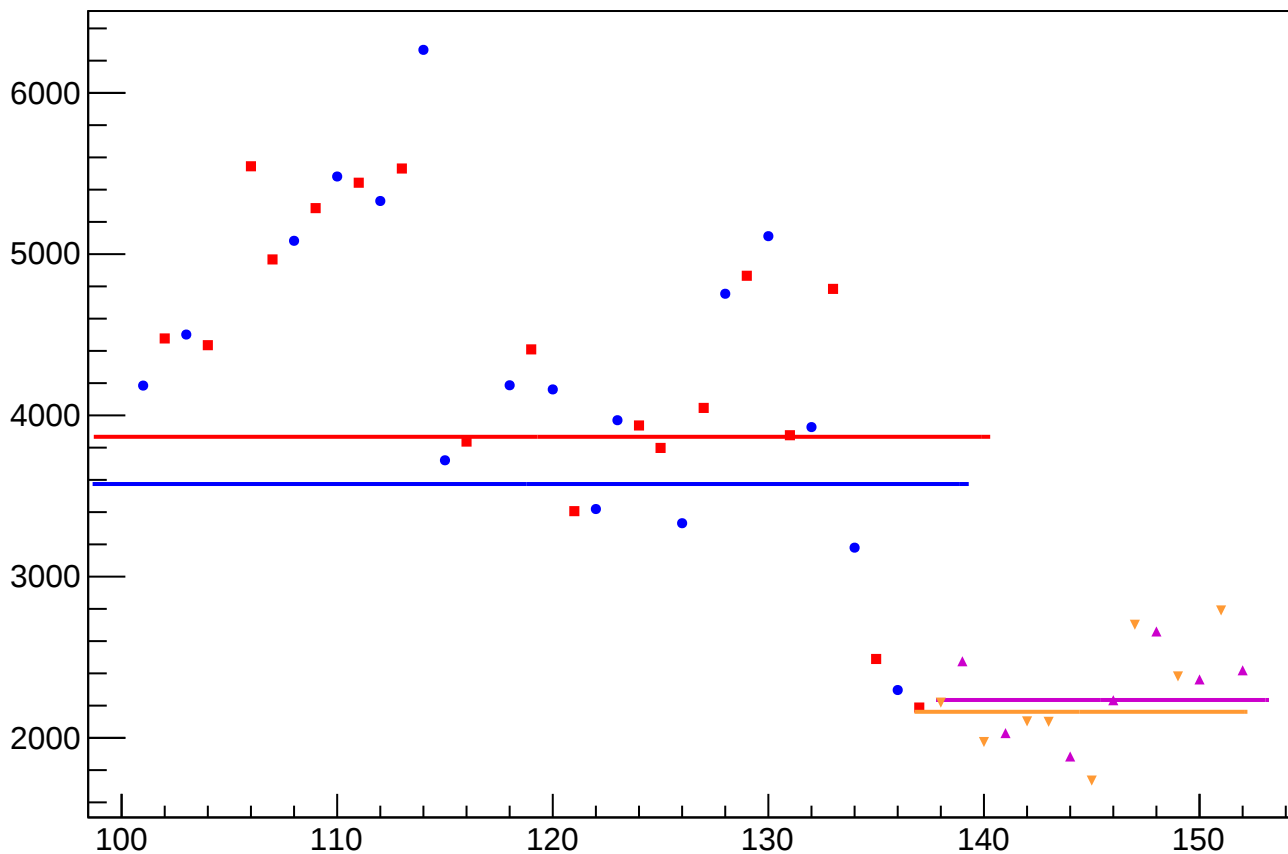
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1664.914+/-784.923 χ^2/NDF : 30.5/23

Out: 884.809+/-776.133 χ^2/NDF : 25.3/25

All: 1270.469+/-551.890 χ^2/NDF : 56.2/49

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2161.697 $\pm$ 0.640 χ^2/NDF : 265087.9/7

Right Out: 3867.232 $\pm$ 1.068 χ^2/NDF : 968137.9/17

Left In: 2235.002 $\pm$ 0.661 χ^2/NDF : 146412.5/6

Left: 2197.134 $\pm$ 0.460 χ^2/NDF : 417847.7/14

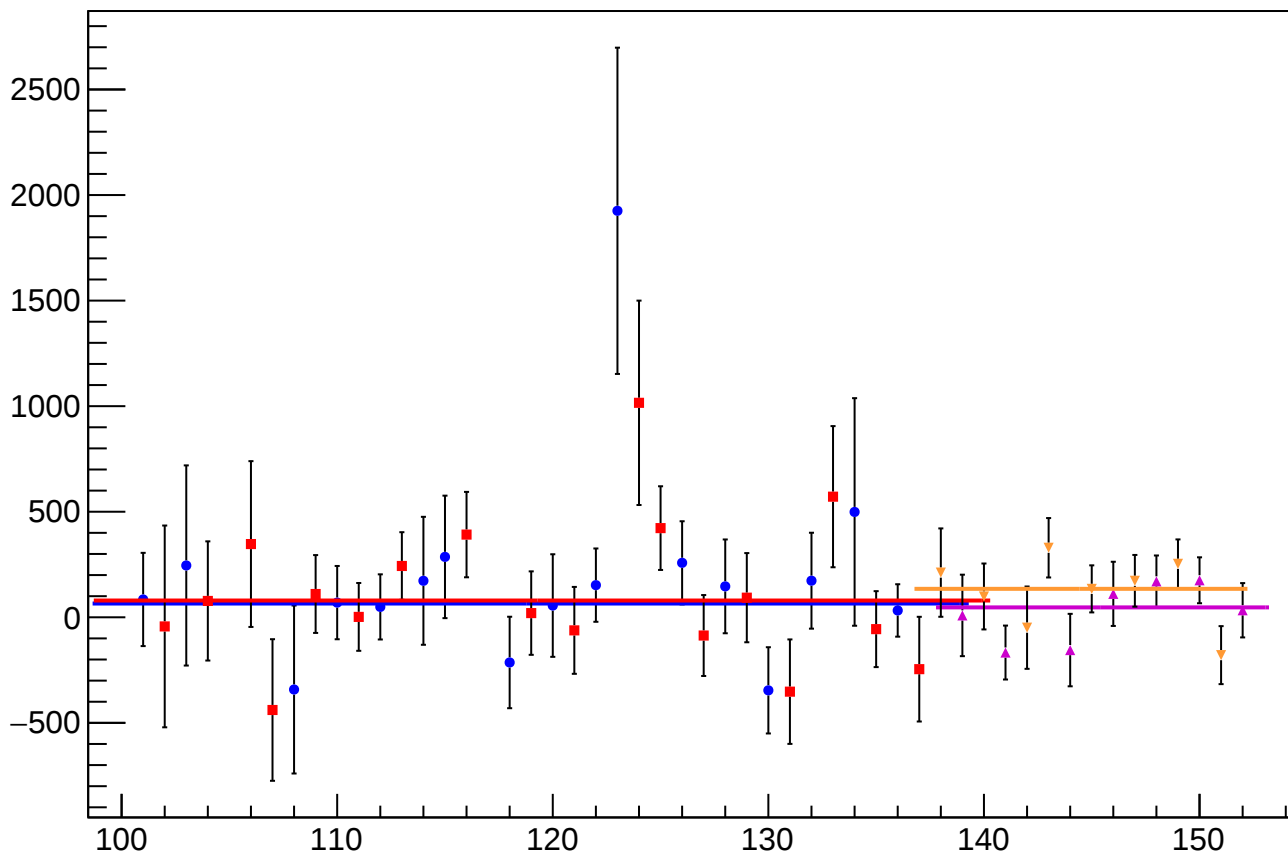
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2630.951 $\pm$ 0.555 χ^2/NDF : 2450360.2/23

Out: 2612.079 $\pm$ 0.549 χ^2/NDF : 3110100.5/25

All: 2621.409 $\pm$ 0.390 χ^2/NDF : 5561045.3/49

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: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 46.865 $\pm$ 51.521 χ^2 /NDF:6.8/6

Left: 92.987 $\pm$ 35.523 χ^2 /NDF: 17.7/14

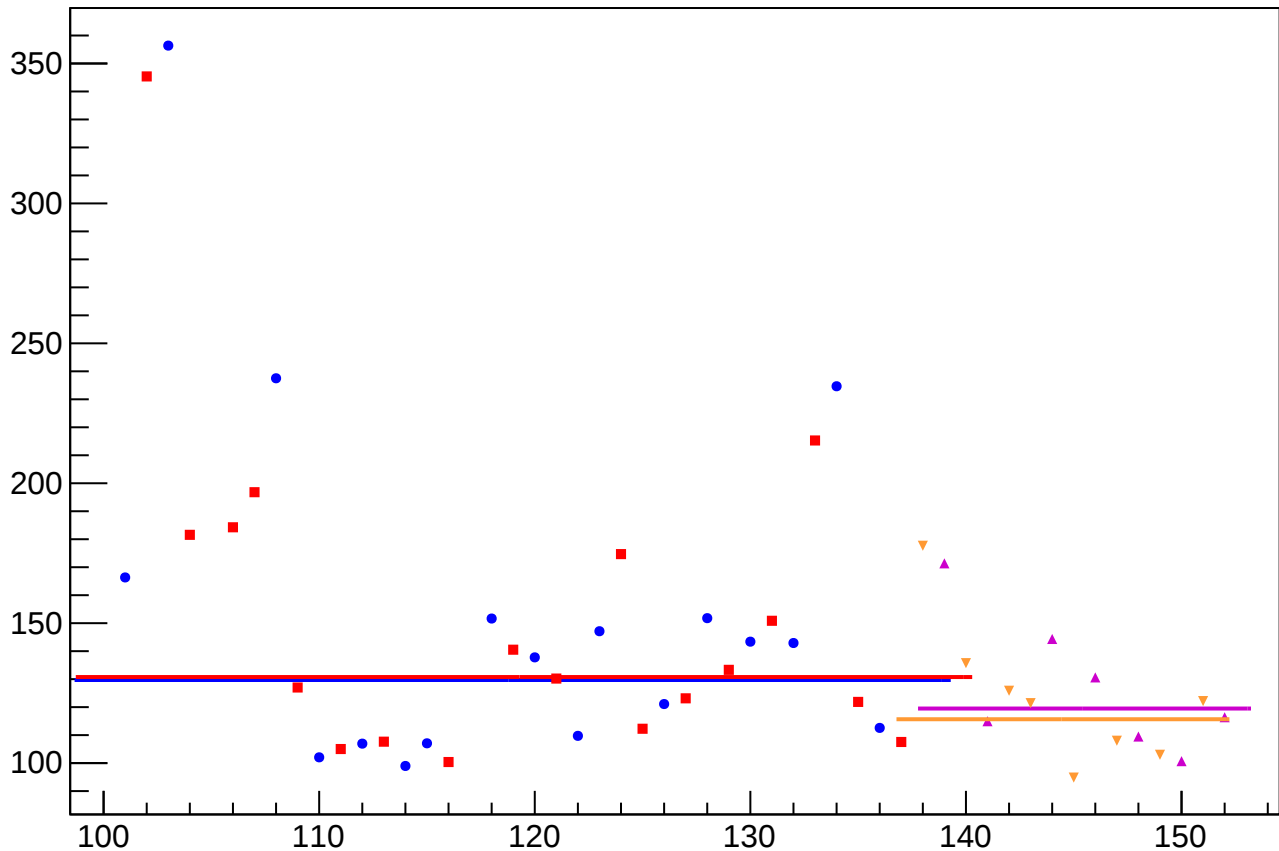
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 55.837 $\pm$ 36.841 χ^2 /NDF:22.6/23

Out: 108.925 $\pm$ 35.790 χ^2 /NDF:32.1/25

All: 83.149 $\pm$ 25.671 χ^2 /NDF: 55.8/49

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697+/-0.037 χ^2/NDF : 989682.4/16

Left Out: 115.673+/-0.035 χ^2/NDF : 323685.9/7

Right Out: 130.751+/-0.037 χ^2/NDF : 927534.3/17

Left In: 119.498+/-0.036 χ^2/NDF : 274032.4/6

Left: 117.492+/-0.025 χ^2/NDF : 603501.4/14

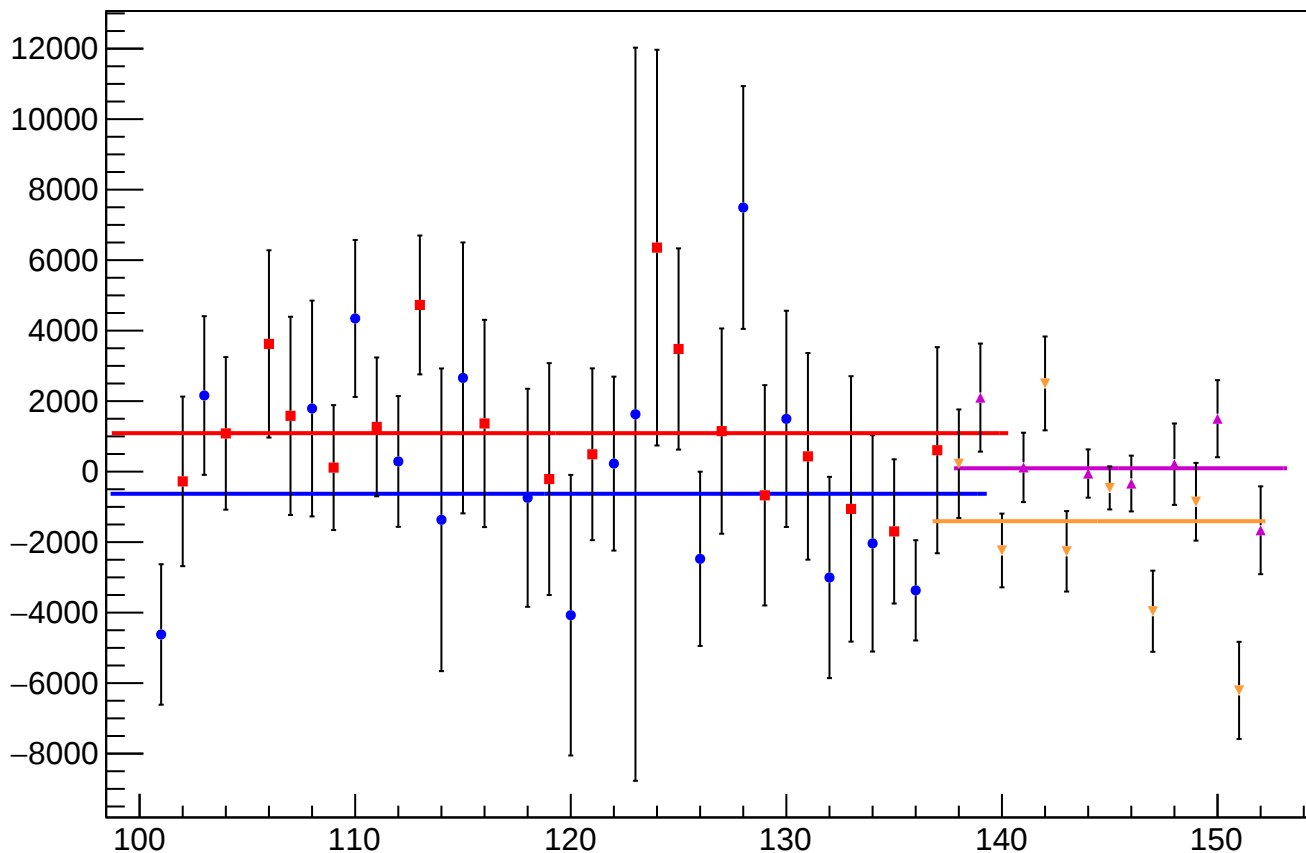
Right: 130.228+/-0.026 χ^2/NDF : 1917619.9/34

In: 124.482+/-0.026 χ^2/NDF : 1302011.6/23

Out: 122.722+/-0.025 χ^2/NDF : 1339593.3/25

All: 123.577+/-0.018 χ^2/NDF : 2643952.6/49

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: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 95.221+/-367.170 χ^2/NDF :5.7/6

Left: -657.087+/-259.323 χ^2/NDF : 44.7/14

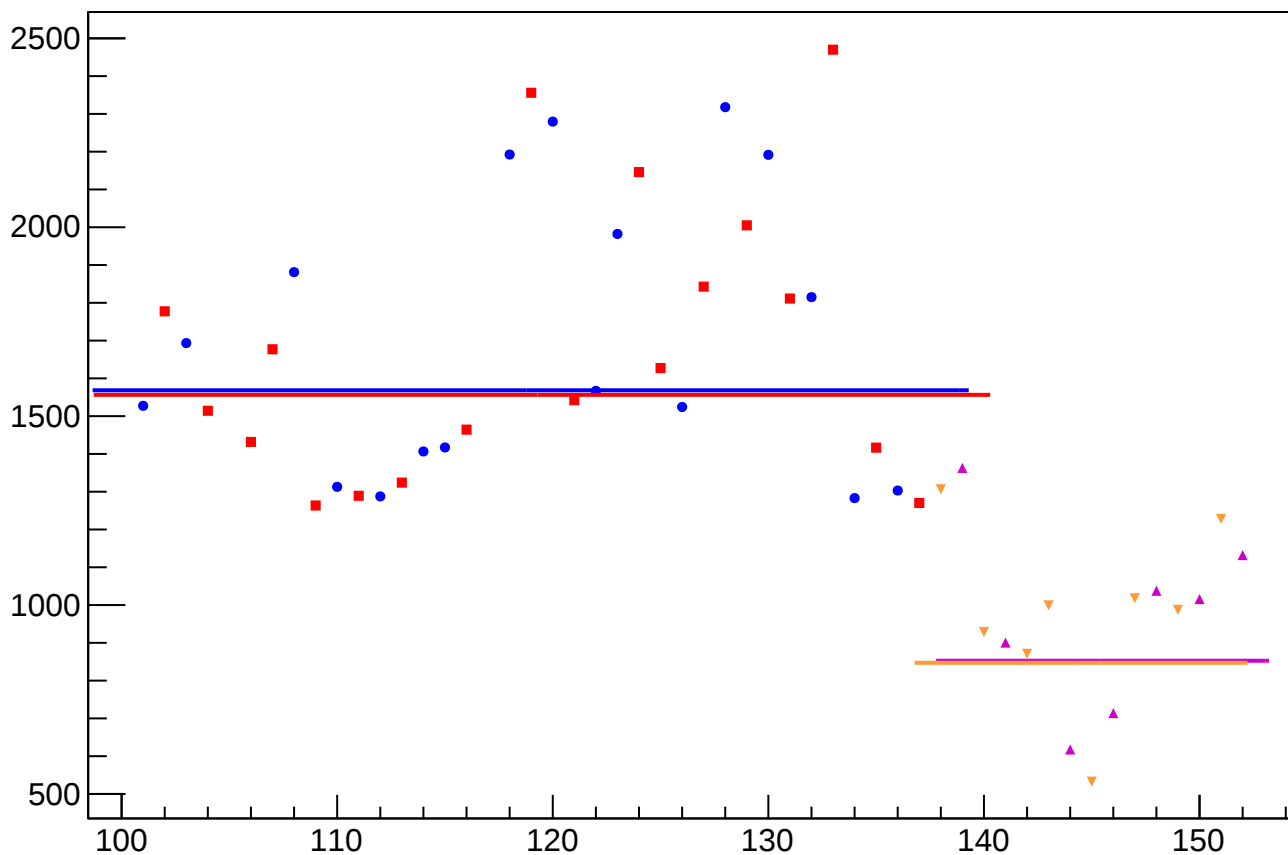
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -91.944+/-316.123 χ^2/NDF :31.0/23

Out: -726.800+/-312.573 χ^2/NDF :52.6/25

All: -412.956+/-222.267 χ^2/NDF : 85.7/49

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: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 852.614+/-0.260 χ^2/NDF : 719787.5/6

Left: 849.892+/-0.183 χ^2/NDF : 1705531.8/14

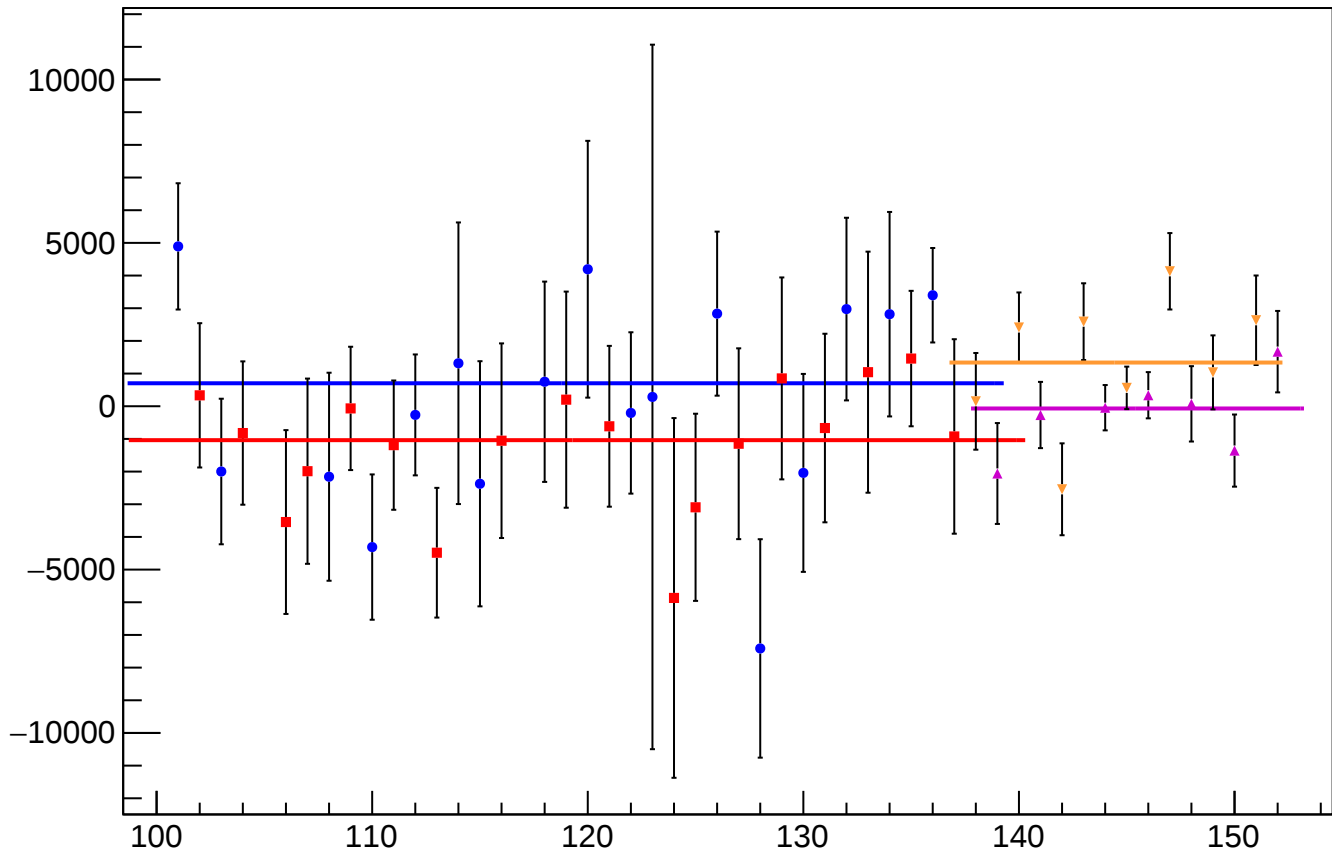
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1037.830+/-0.224 χ^2/NDF : 3220995.2/23

Out: 1039.999+/-0.221 χ^2/NDF : 3534317.0/25

All: 1038.927+/-0.157 χ^2/NDF : 6755359.8/49

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: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -68.779+/-360.751 χ^2/NDF : 5.4/6

Left: 599.930+/-261.258 χ^2/NDF : 31.1/14

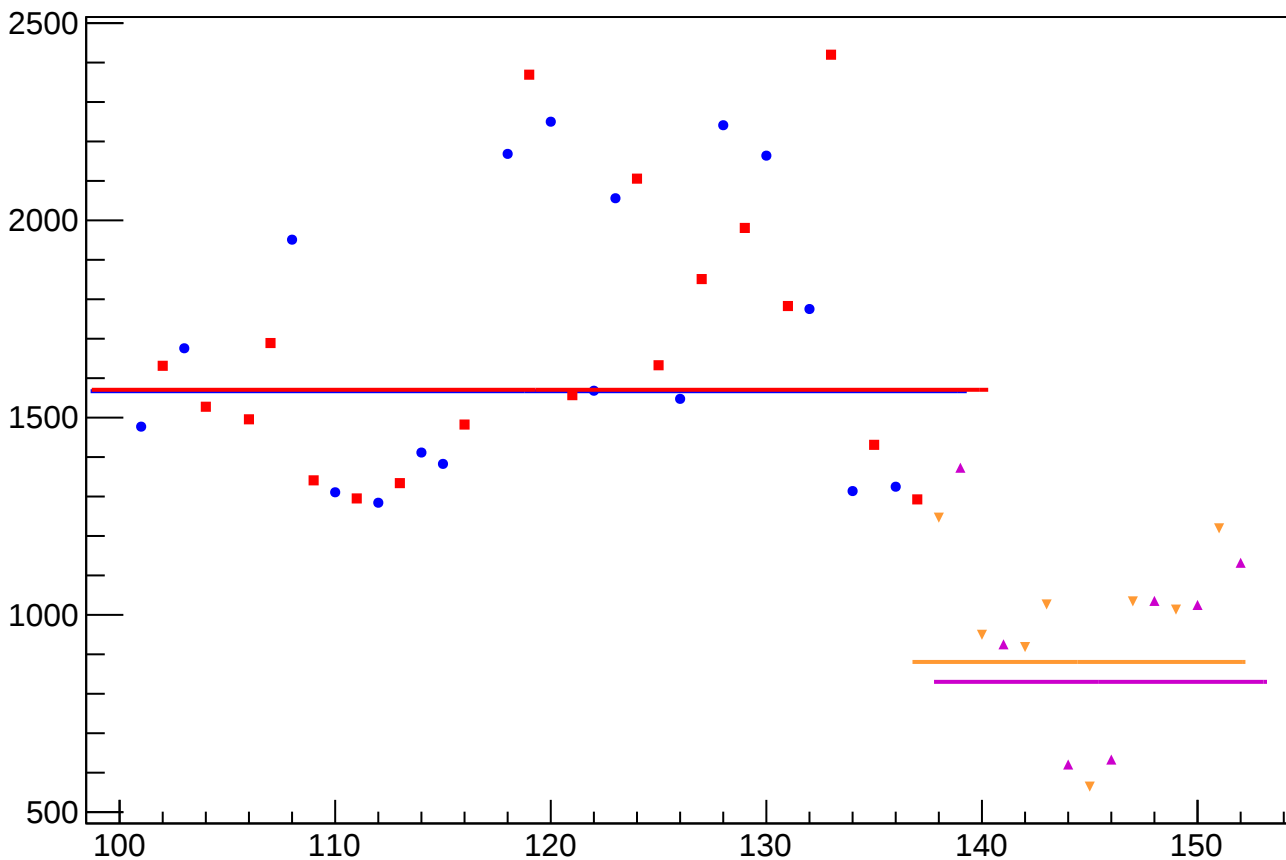
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 126.149+/-311.888 χ^2/NDF : 32.5/23

Out: 667.019+/-320.986 χ^2/NDF : 37.8/25

All: 388.809+/-223.685 χ^2/NDF : 71.7/49

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: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 830.228 $\pm$ 0.255 χ^2 /NDF:845168.5/6

Left: 854.229 $\pm$ 0.185 χ^2 /NDF: 1683124.1/14

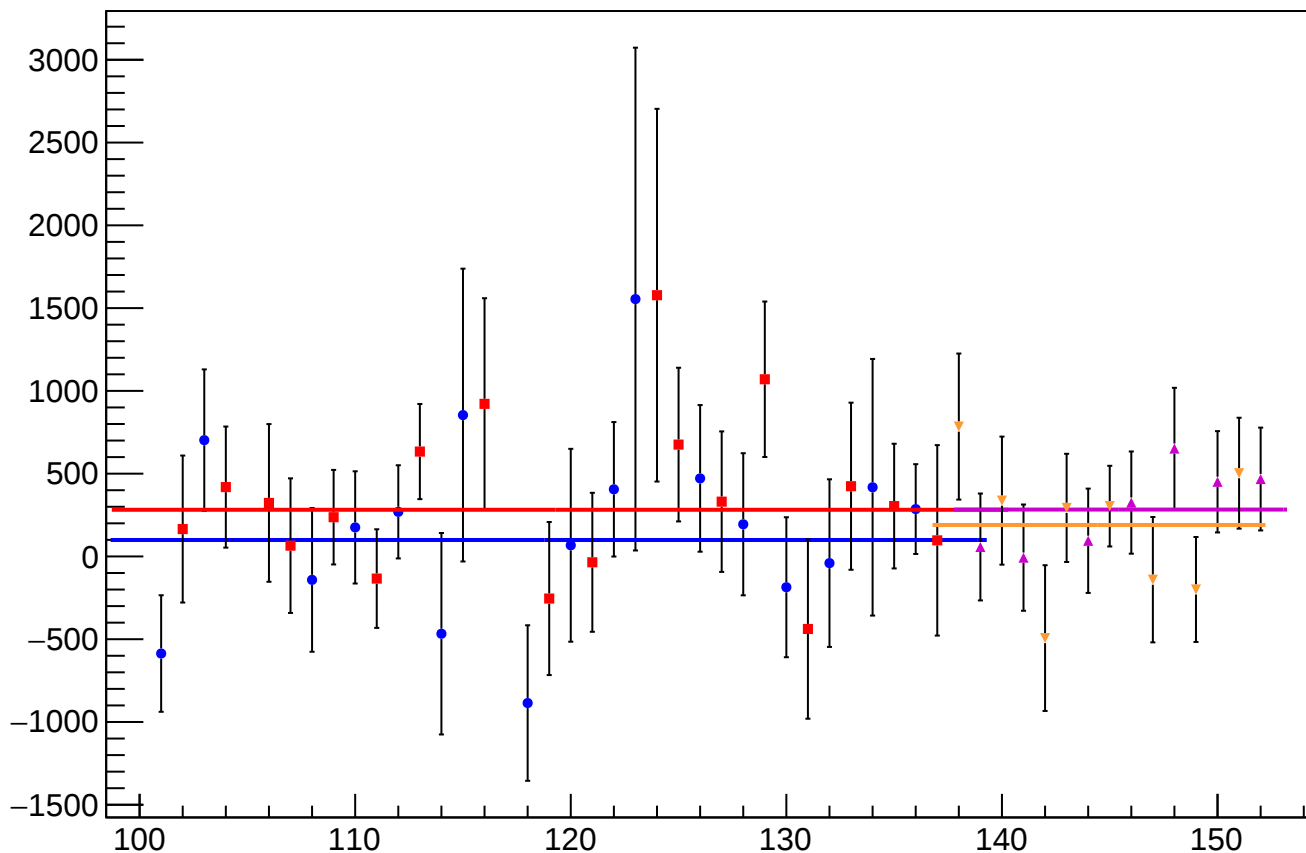
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1016.284 $\pm$ 0.221 χ^2 /NDF:3451481.2/23

Out: 1075.369 $\pm$ 0.227 χ^2 /NDF:3129769.6/25

All: 1044.977 $\pm$ 0.158 χ^2 /NDF: 6616107.7/49

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 190.110 $\pm$ 120.350 χ^2/NDF : 7.8/7

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 283.104 $\pm$ 120.959 χ^2/NDF : 3.3/6

Left: 236.372 $\pm$ 85.315 χ^2/NDF : 11.5/14

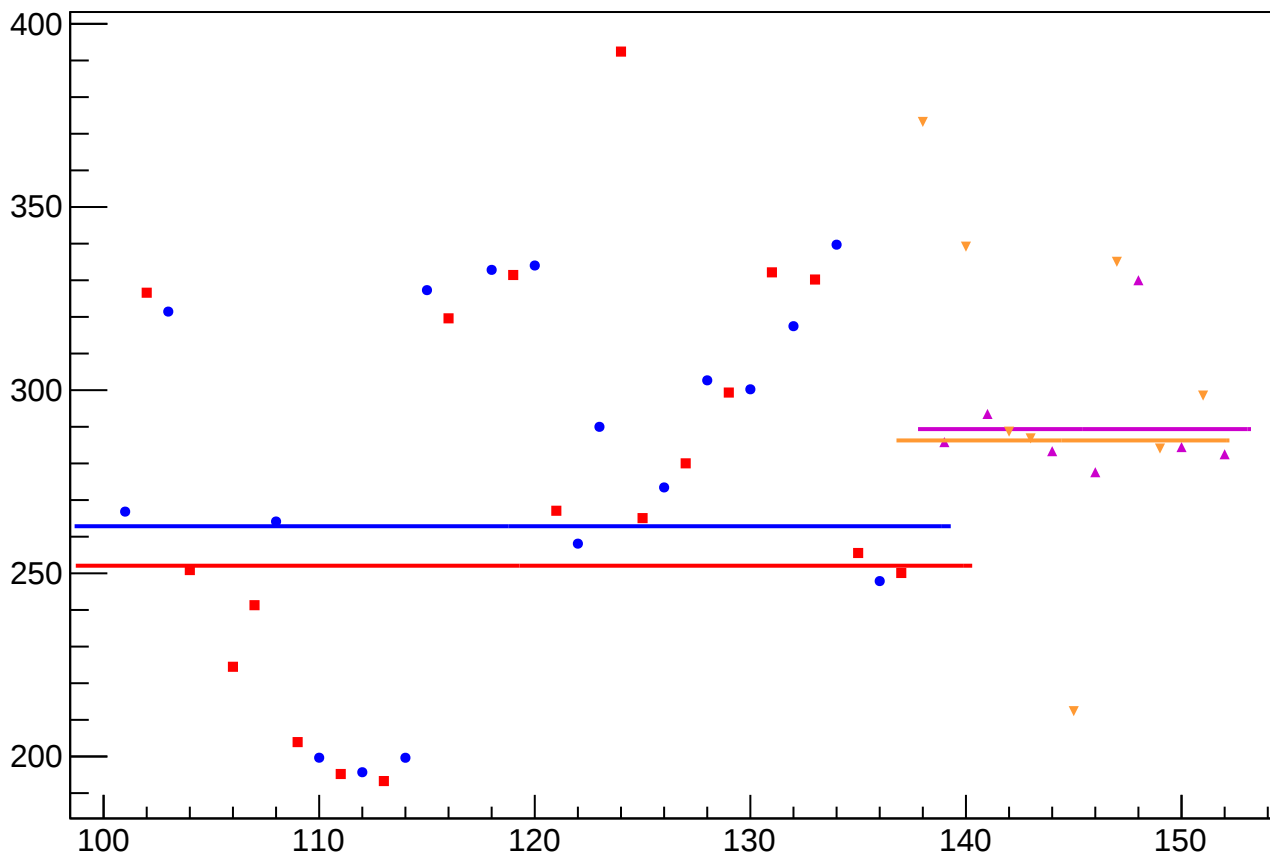
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 177.010 $\pm$ 78.624 χ^2/NDF : 20.6/23

Out: 245.315 $\pm$ 75.936 χ^2/NDF : 21.9/25

All: 212.350 $\pm$ 54.621 χ^2/NDF : 42.9/49

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: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 289.371 ± 0.086 χ^2/NDF : 30224.6/6

Left: 287.816 ± 0.060 χ^2/NDF : 366110.8/14

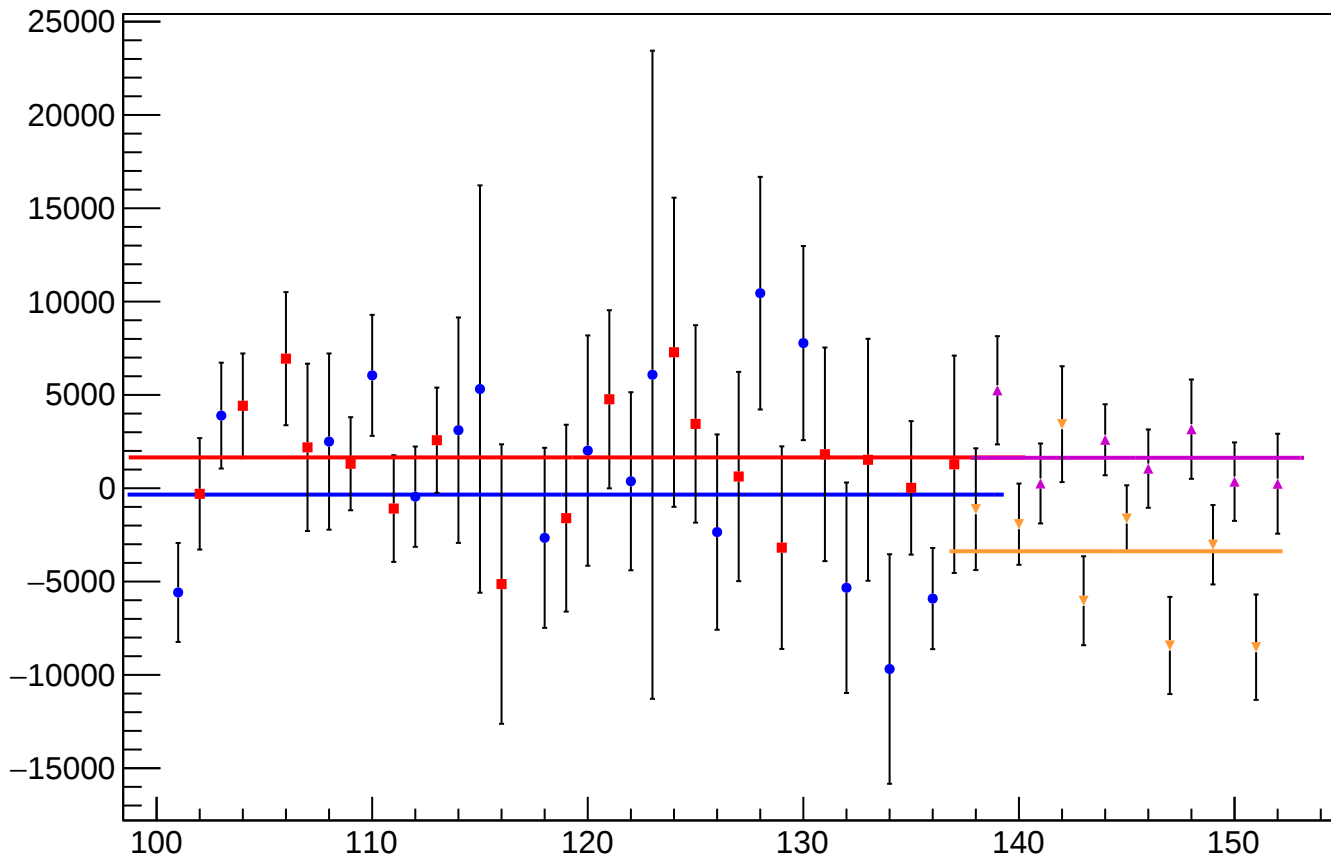
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 274.059 ± 0.056 χ^2/NDF : 497421.3/23

Out: 265.694 ± 0.054 χ^2/NDF : 947573.2/25

All: 269.731 ± 0.039 χ^2/NDF : 1456708.4/49

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3375.307 ± 846.637 χ^2/NDF : 15.0/7

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 1630.408 ± 861.335 χ^2/NDF : 3.3/6

Left: -915.523 ± 603.793 χ^2/NDF : 35.5/14

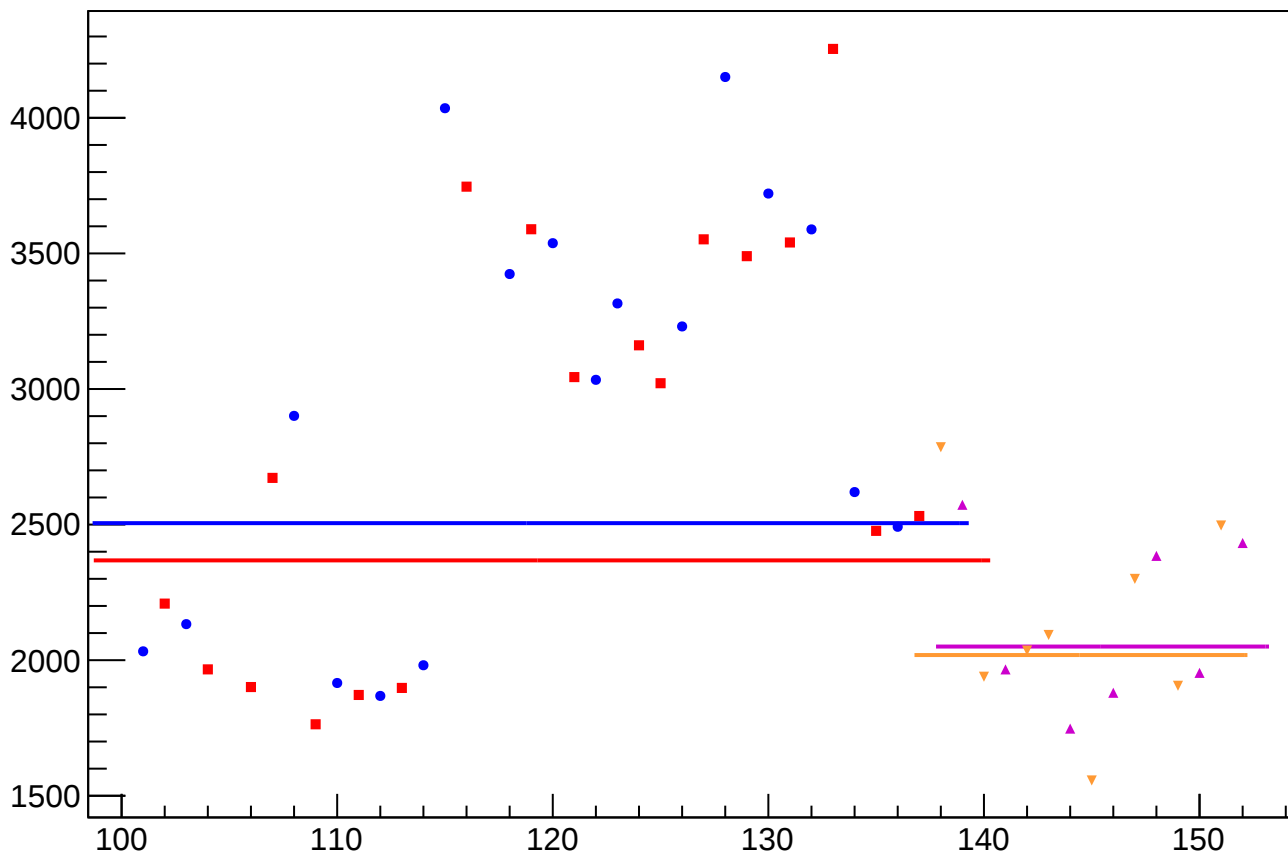
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 794.985 ± 653.904 χ^2/NDF : 29.9/23

Out: -1096.664 ± 626.021 χ^2/NDF : 39.0/25

All: -192.029 ± 452.200 χ^2/NDF : 73.3/49

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2018.957 $\pm$ 0.599 χ^2 /NDF:336475.9/7

Right Out: 2368.003 $\pm$ 0.658 χ^2 /NDF: 1030879.9/17

Left In: 2050.283 $\pm$ 0.609 χ^2 /NDF:208468.7/6

Left: 2034.350 $\pm$ 0.427 χ^2 /NDF: 546290.1/14

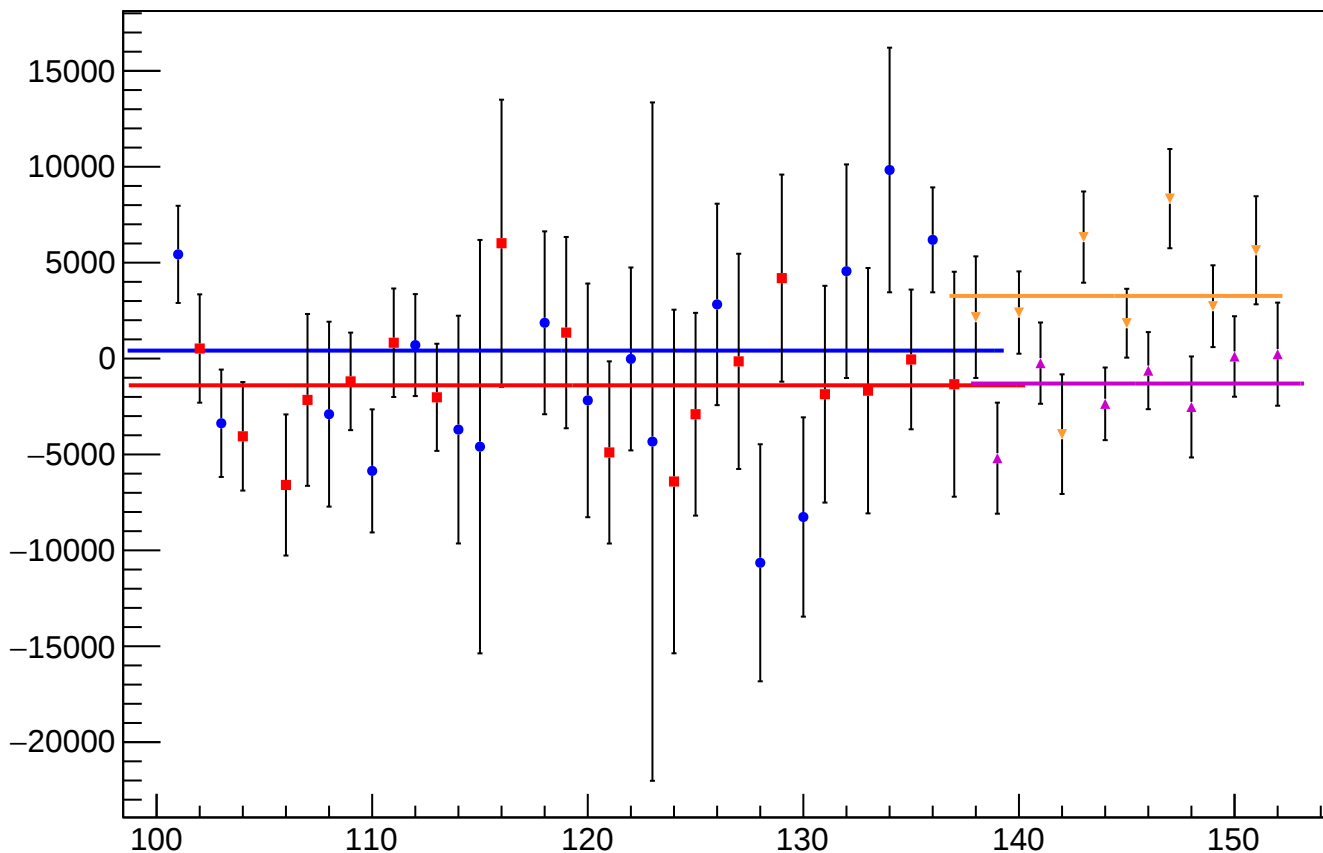
Right: 2431.366 $\pm$ 0.483 χ^2 /NDF: 1915141.0/34

In: 2243.065 $\pm$ 0.462 χ^2 /NDF:1309090.1/23

Out: 2177.164 $\pm$ 0.443 χ^2 /NDF:1521435.8/25

All: 2208.680 $\pm$ 0.320 χ^2 /NDF: 2841124.9/49

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: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -1302.056 $\pm$ 851.818 χ^2 /NDF:3.5/6

Left: 1001.502 $\pm$ 599.777 χ^2 /NDF: 30.5/14

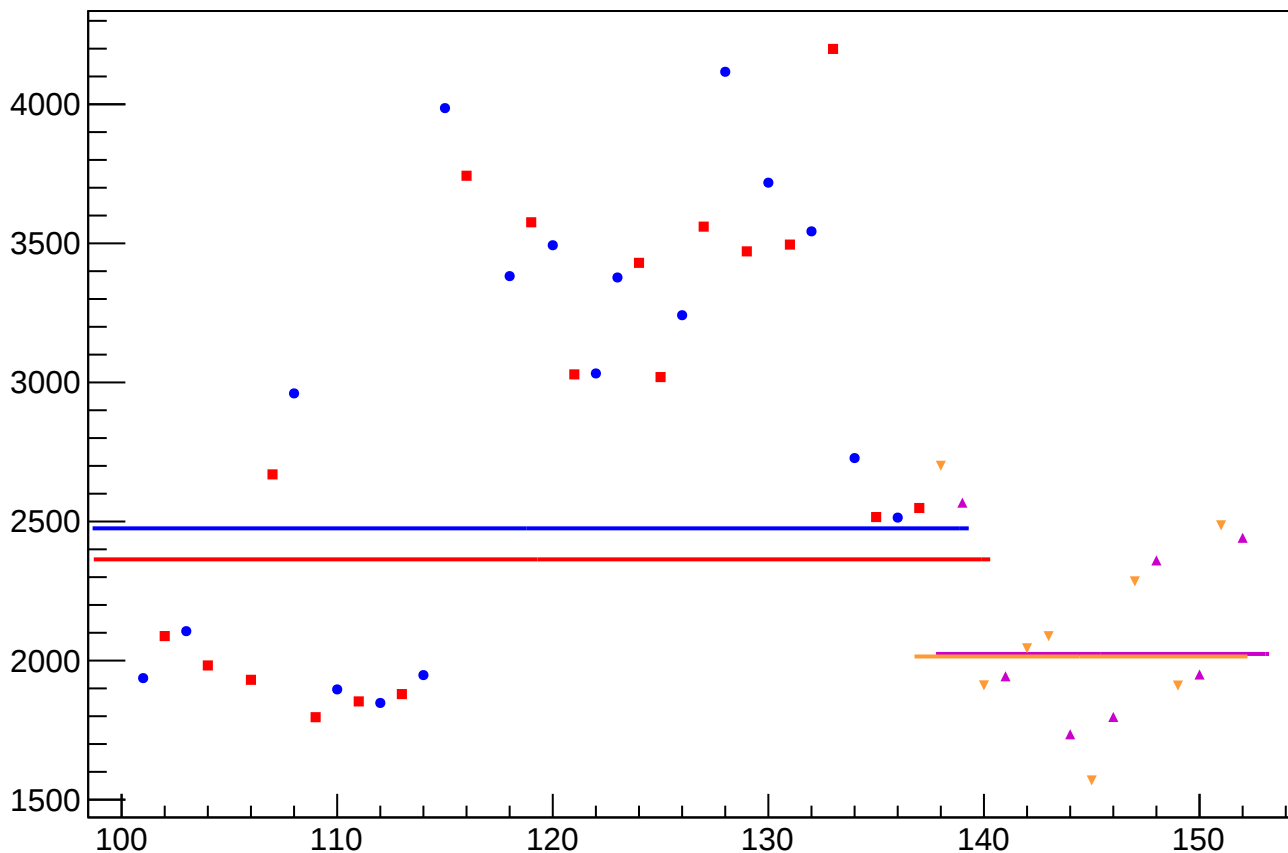
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -575.550 $\pm$ 647.058 χ^2 /NDF:29.7/23

Out: 1157.060 $\pm$ 624.955 χ^2 /NDF:33.9/25

All: 320.852 $\pm$ 449.521 χ^2 /NDF: 67.3/49

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: 2363.907 $\pm$ 0.657 χ^2/NDF : 1026875.6/17

Left In: 2023.850 $\pm$ 0.602 χ^2/NDF : 228778.5/6

Left: 2019.269 $\pm$ 0.424 χ^2/NDF : 535000.2/14

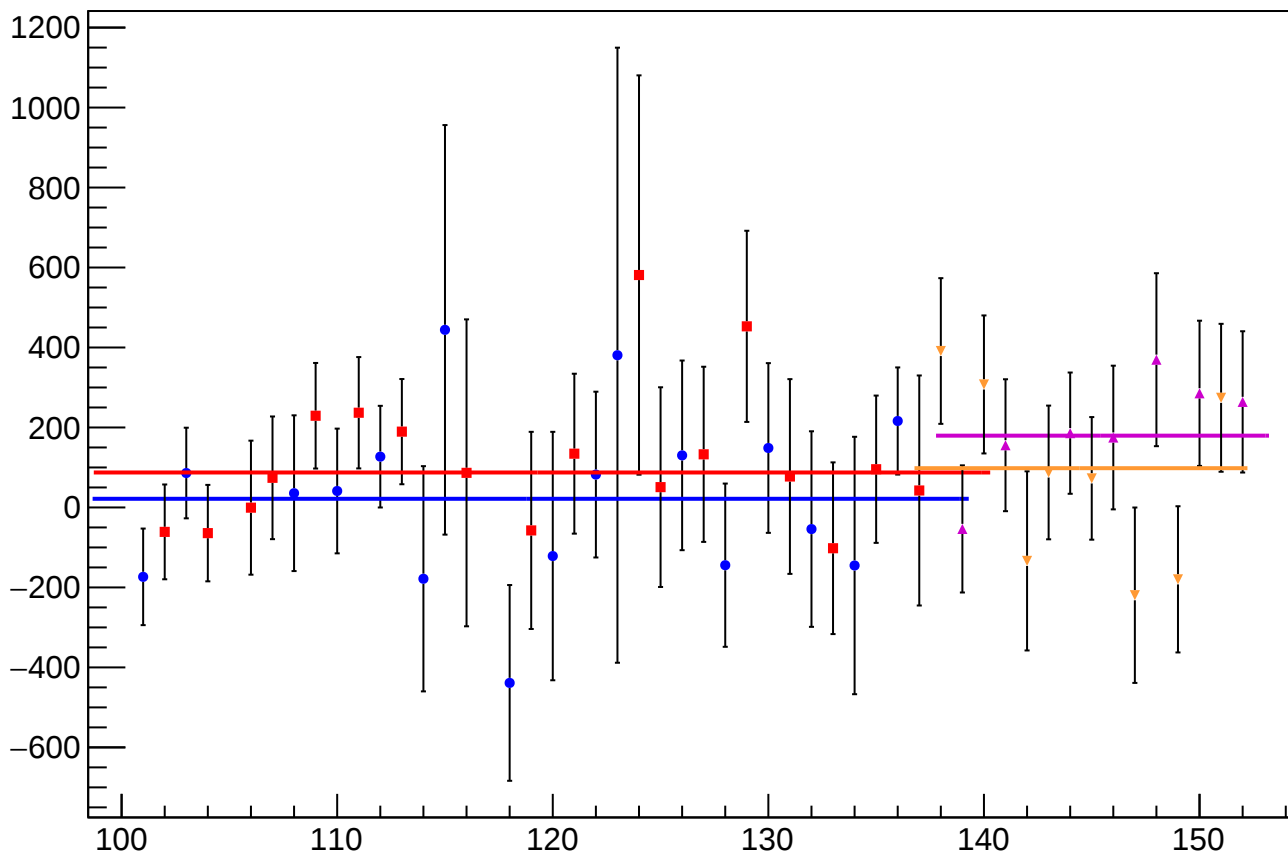
Right: 2415.854 $\pm$ 0.480 χ^2/NDF : 1953375.1/34

In: 2214.860 $\pm$ 0.458 χ^2/NDF : 1379607.6/23

Out: 2172.770 $\pm$ 0.442 χ^2/NDF : 1487632.8/25

All: 2193.084 $\pm$ 0.318 χ^2/NDF : 2871618.7/49

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: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 179.532 $\pm$ 65.292 χ^2/NDF : 3.5/6

Left: 138.232 $\pm$ 45.810 χ^2/NDF : 14.8/14

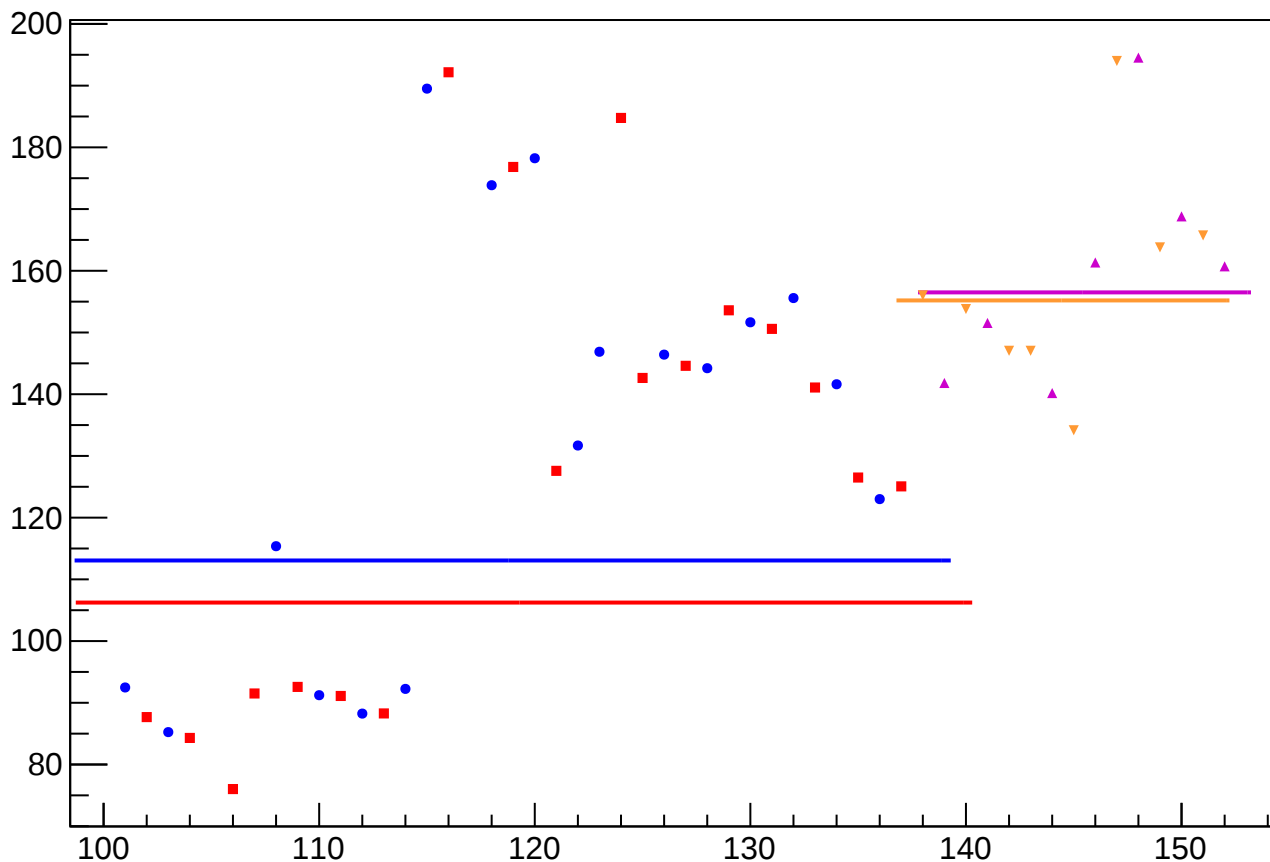
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 72.734 $\pm$ 37.139 χ^2/NDF : 20.1/23

Out: 90.635 $\pm$ 35.060 χ^2/NDF : 21.4/25

All: 82.200 $\pm$ 25.494 χ^2/NDF : 41.6/49

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: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 156.499 $\pm$ 0.046 χ^2 /NDF:115685.4/6

Left: 155.838 $\pm$ 0.032 χ^2 /NDF: 234869.1/14

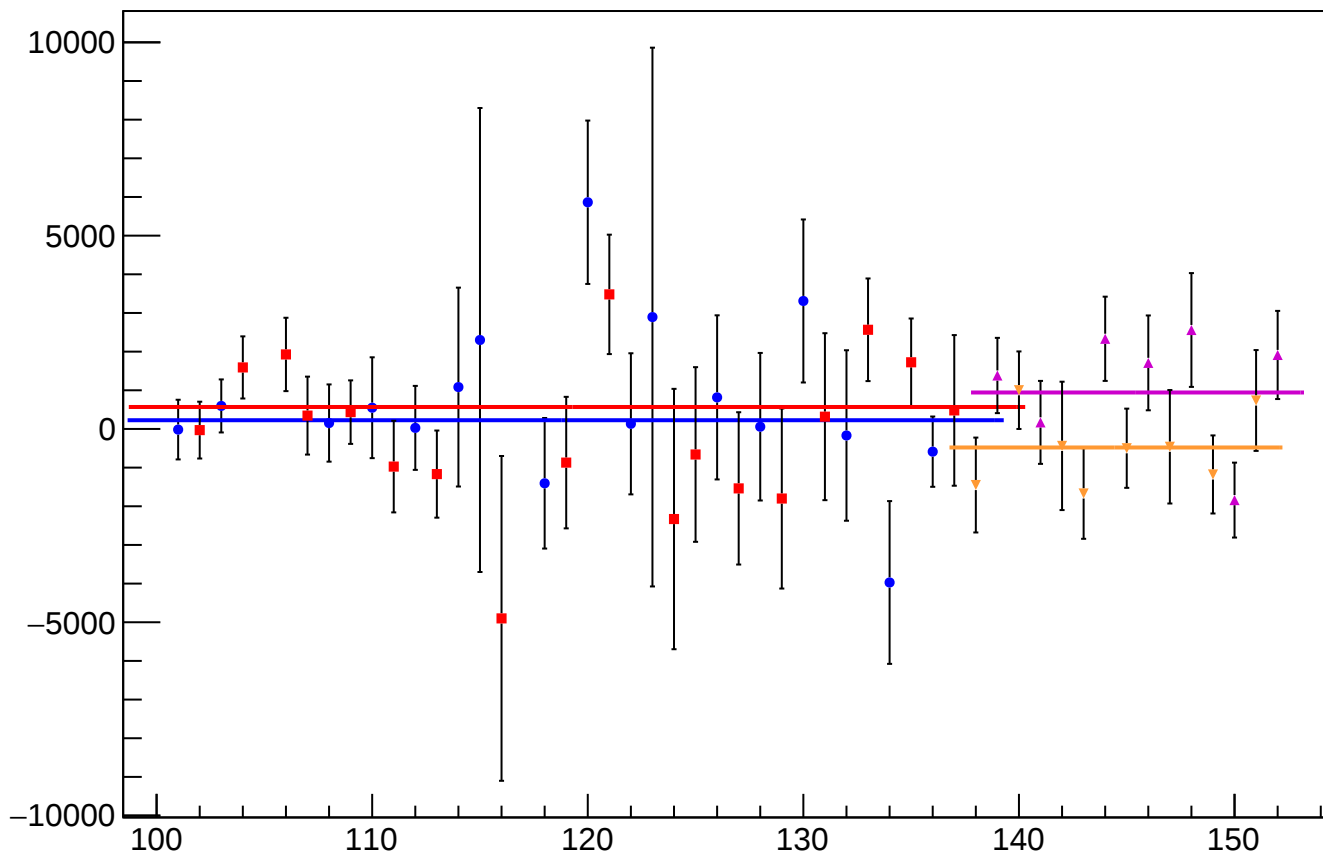
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 127.114 $\pm$ 0.026 χ^2 /NDF:1535338.3/23

Out: 120.799 $\pm$ 0.025 χ^2 /NDF:1885324.7/25

All: 123.775 $\pm$ 0.018 χ^2 /NDF: 3451240.2/49

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: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 943.024 $\pm$ 417.860 χ^2 /NDF:12.9/6

Left: 231.374 $\pm$ 295.379 χ^2 /NDF: 23.9/14

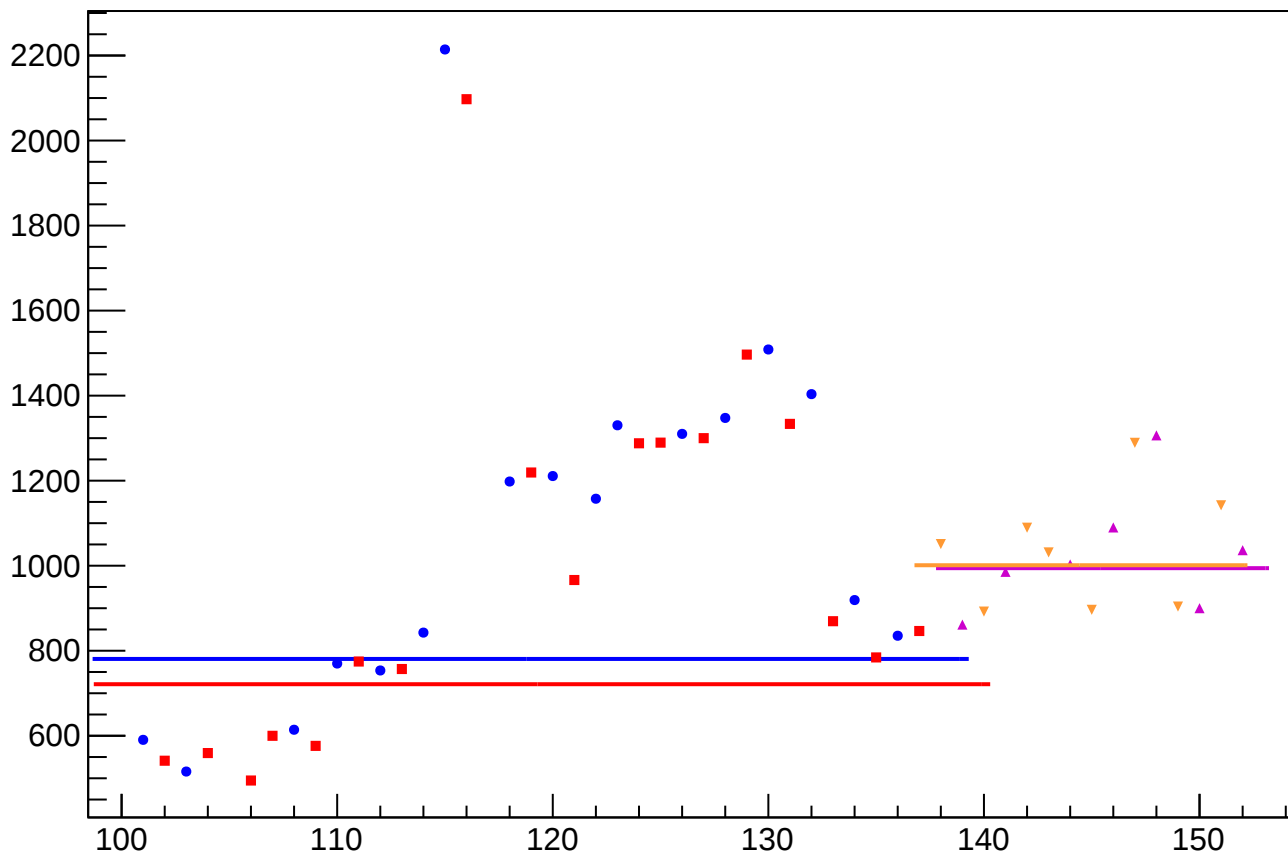
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 492.302 $\pm$ 254.764 χ^2 /NDF:30.7/23

Out: 226.511 $\pm$ 238.474 χ^2 /NDF:30.4/25

All: 350.638 $\pm$ 174.101 χ^2 /NDF: 61.7/49

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 1001.085+/-0.295 χ^2/NDF :173781.6/7

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 994.216+/-0.295 χ^2/NDF :161336.7/6

Left: 997.653+/-0.209 χ^2/NDF : 335388.8/14

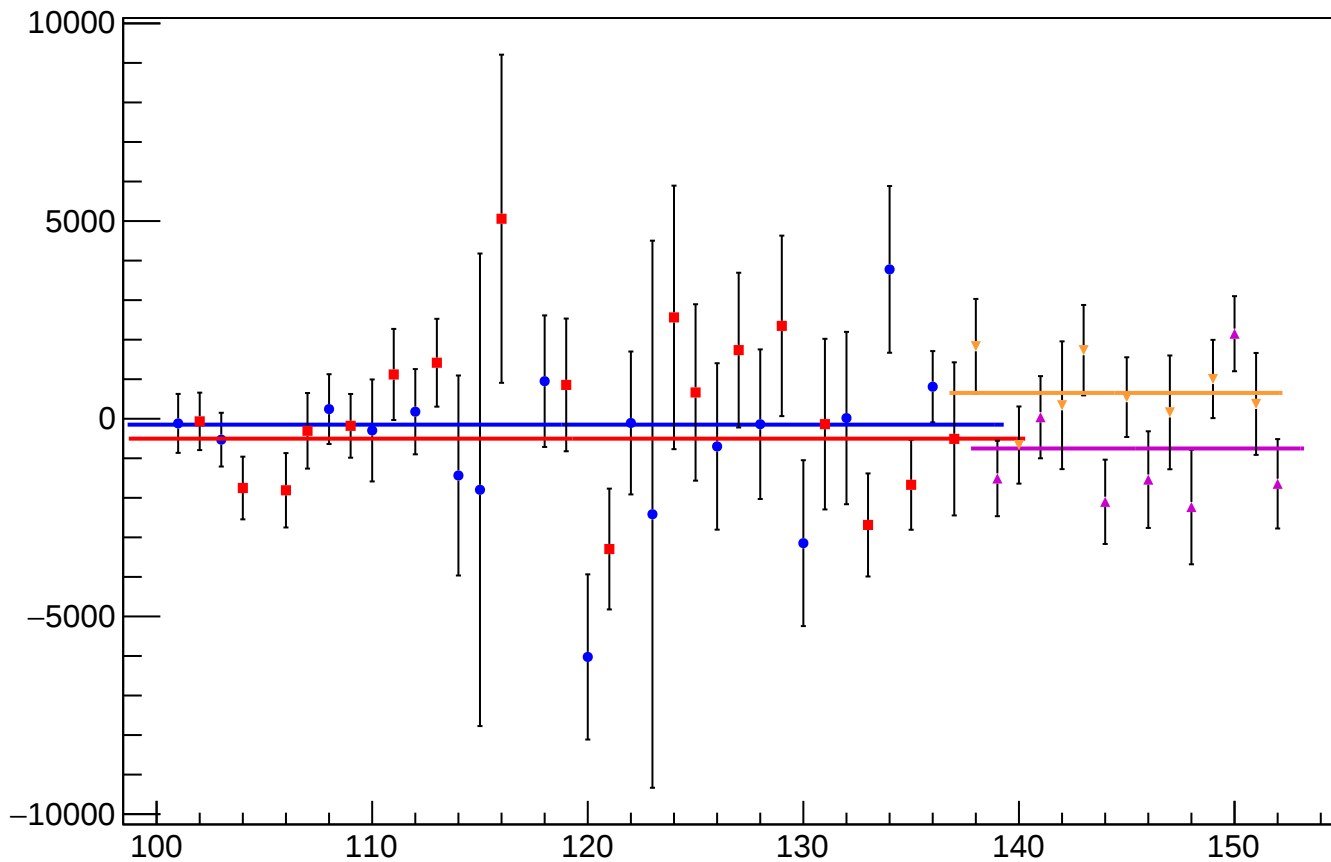
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 860.068+/-0.180 χ^2/NDF :2098927.9/23

Out: 812.516+/-0.169 χ^2/NDF :2405561.8/25

All: 834.723+/-0.123 χ^2/NDF : 4541626.5/49

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 653.044 ± 408.673 $\chi^2/\text{NDF}: 4.0/7$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -751.919 ± 410.272 $\chi^2/\text{NDF}: 14.2/6$

Left: -46.693 ± 289.539 $\chi^2/\text{NDF}: 24.2/14$

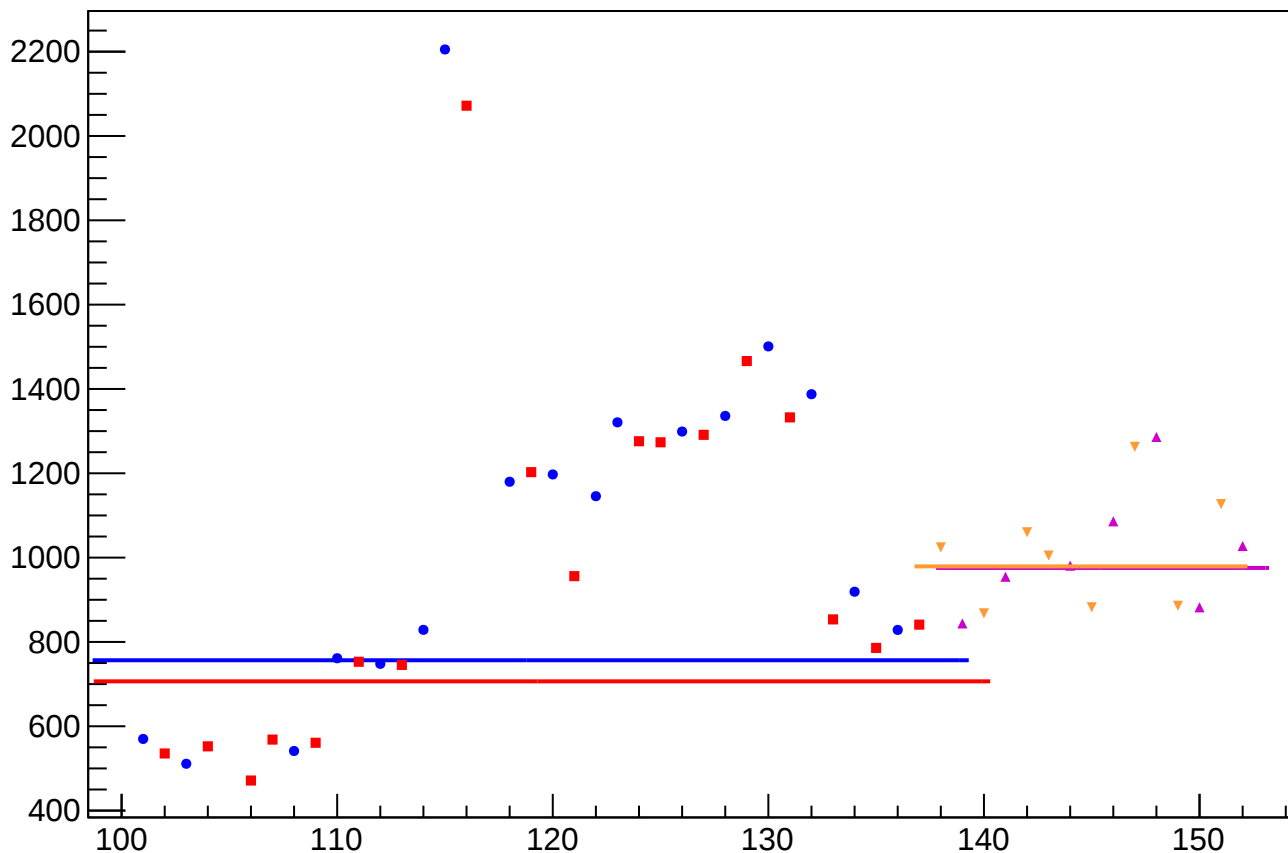
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -370.884 ± 248.831 $\chi^2/\text{NDF}: 31.7/23$

Out: -123.451 ± 234.199 $\chi^2/\text{NDF}: 33.0/25$

All: -239.679 ± 170.542 $\chi^2/\text{NDF}: 65.3/49$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 979.212+/-0.289 χ^2/NDF : 175172.6/7

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 975.501+/-0.290 χ^2/NDF : 170718.7/6

Left: 977.364+/-0.205 χ^2/NDF : 345973.4/14

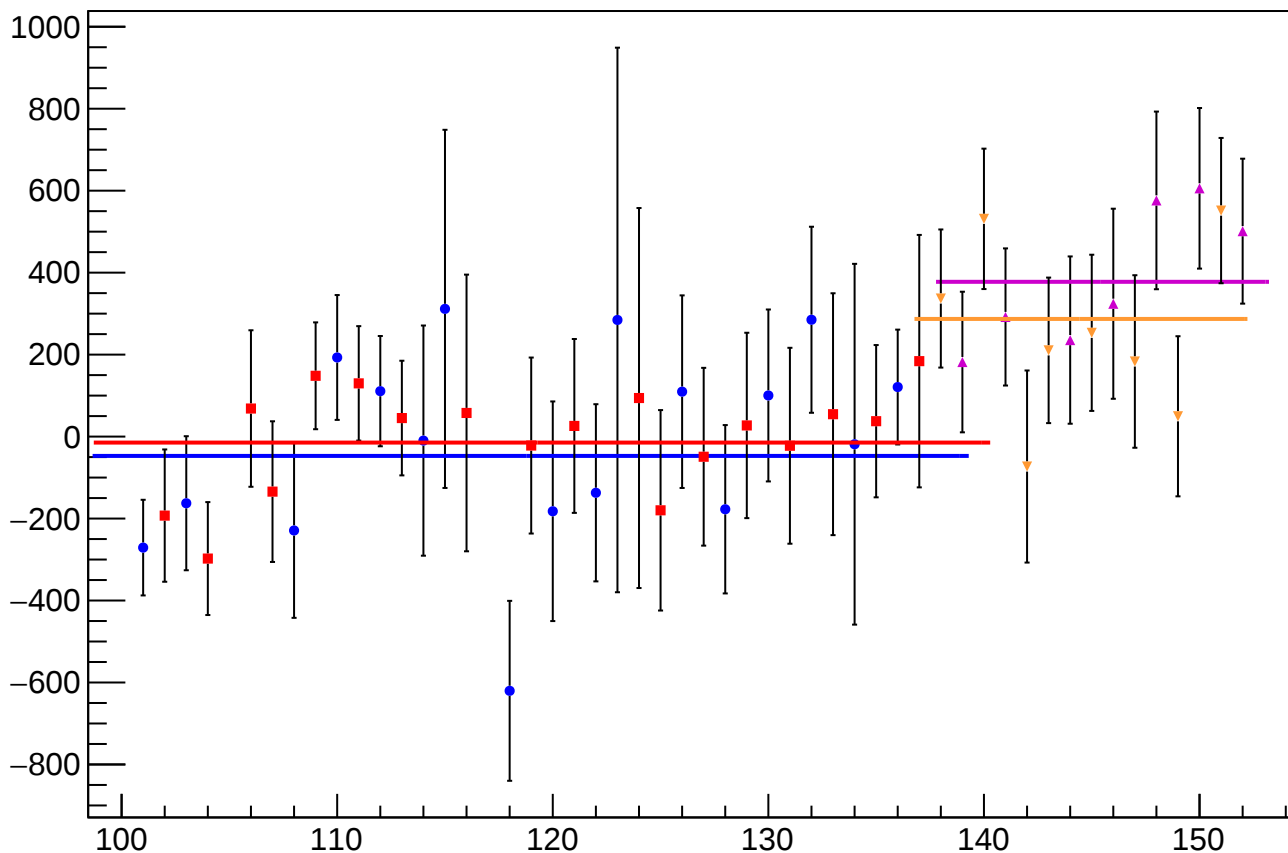
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 837.083+/-0.176 χ^2/NDF : 2244479.7/23

Out: 796.095+/-0.166 χ^2/NDF : 2443084.4/25

All: 815.349+/-0.121 χ^2/NDF : 4716339.1/49

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 287.057 ± 66.314 $\chi^2/\text{NDF}: 8.6/7$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 377.630 ± 72.236 $\chi^2/\text{NDF}: 4.8/6$

Left: 328.479 ± 48.851 $\chi^2/\text{NDF}: 14.3/14$

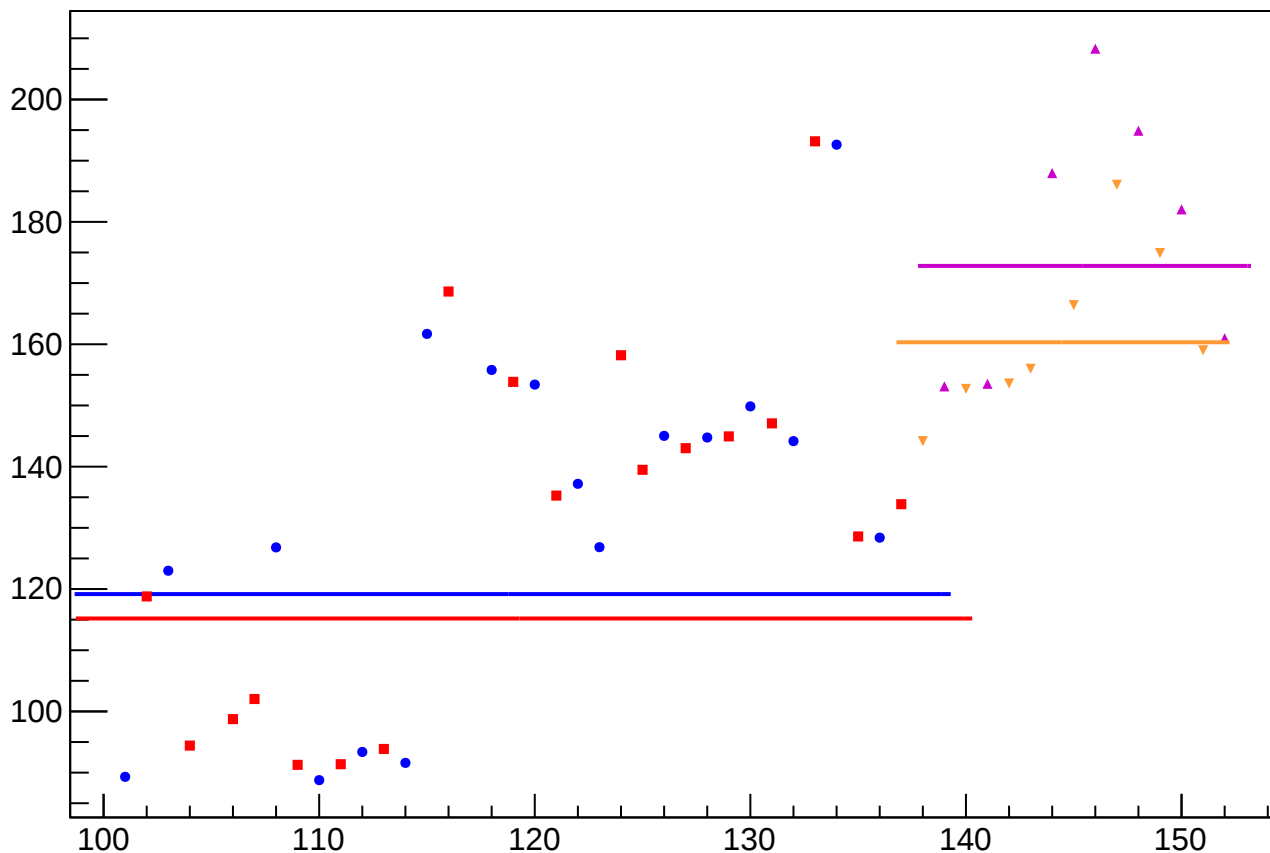
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 80.201 ± 39.553 $\chi^2/\text{NDF}: 50.9/23$

Out: 80.061 ± 37.151 $\chi^2/\text{NDF}: 33.0/25$

All: 80.127 ± 27.079 $\chi^2/\text{NDF}: 83.9/49$

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: 115.188 $\pm$ 0.032 χ^2/NDF : 675564.7/17

Left In: 172.806 $\pm$ 0.051 χ^2/NDF : 144952.4/6

Left: 166.033 $\pm$ 0.035 χ^2/NDF : 245752.4/14

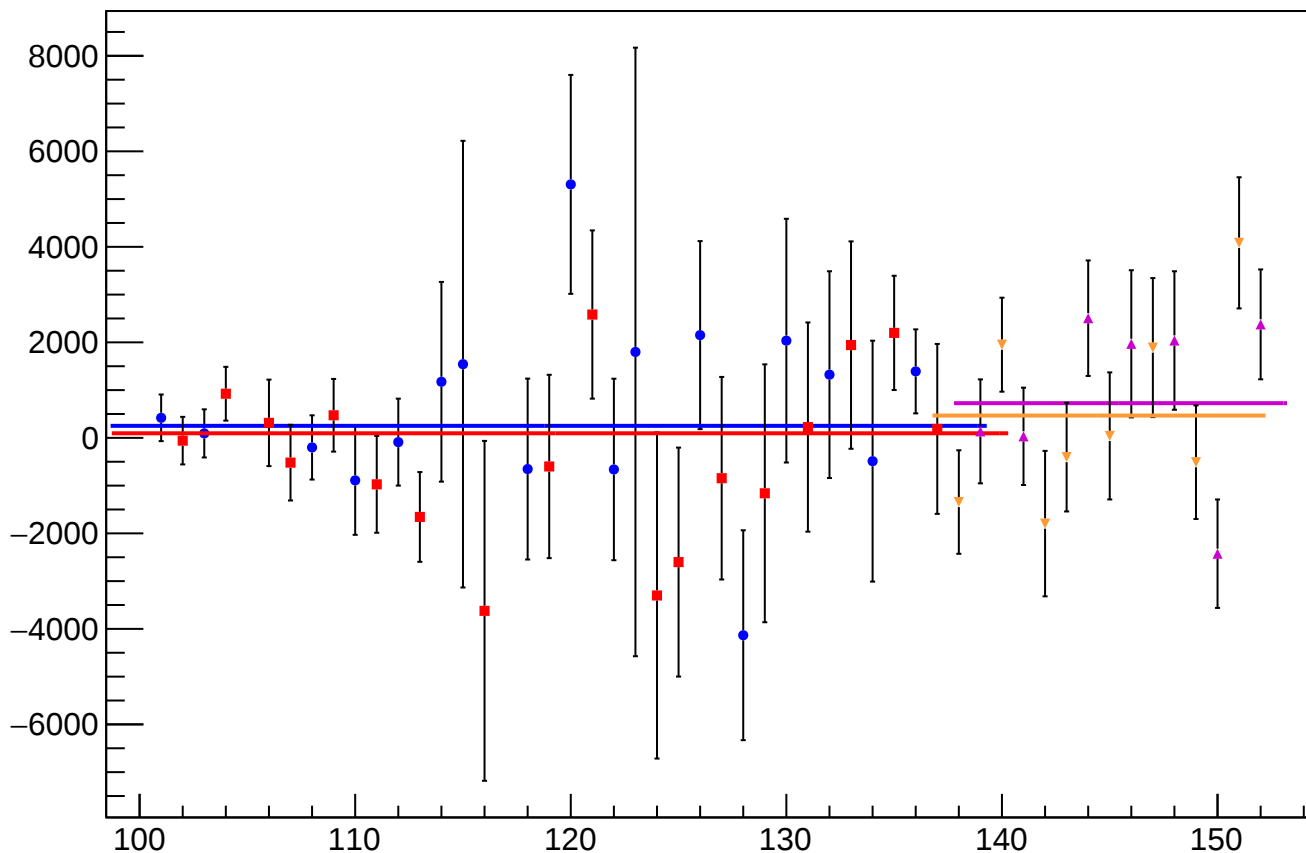
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 135.254 $\pm$ 0.028 χ^2/NDF : 1532157.1/23

Out: 129.354 $\pm$ 0.026 χ^2/NDF : 1379773.2/25

All: 132.120 $\pm$ 0.019 χ^2/NDF : 2935576.5/49

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 467.328 $\pm$ 431.855 χ^2/NDF : 16.5/7

Right Out: 95.805 $\pm$ 245.748 χ^2/NDF : 17.5/17

Left In: 726.310 $\pm$ 450.925 χ^2/NDF : 14.2/6

Left: 591.227 $\pm$ 311.891 χ^2/NDF : 30.9/14

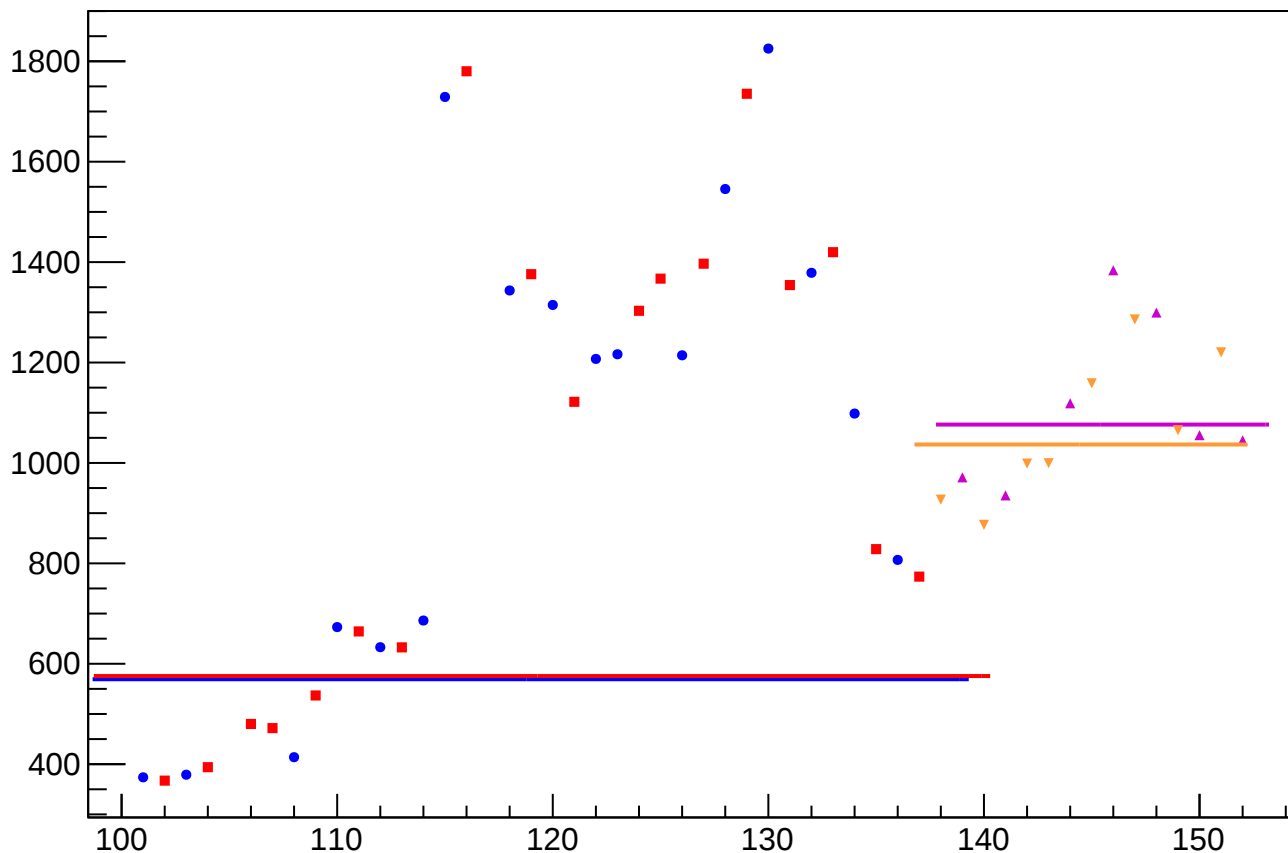
Right: 171.557 $\pm$ 176.217 χ^2/NDF : 32.5/34

In: 365.236 $\pm$ 220.524 χ^2/NDF : 29.9/23

Out: 186.683 $\pm$ 213.587 χ^2/NDF : 34.5/25

All: 273.107 $\pm$ 153.423 χ^2/NDF : 64.8/49

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: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1076.443 $\pm$ 0.319 χ^2 /NDF:188497.8/6

Left: 1055.721 $\pm$ 0.221 χ^2 /NDF: 385636.4/14

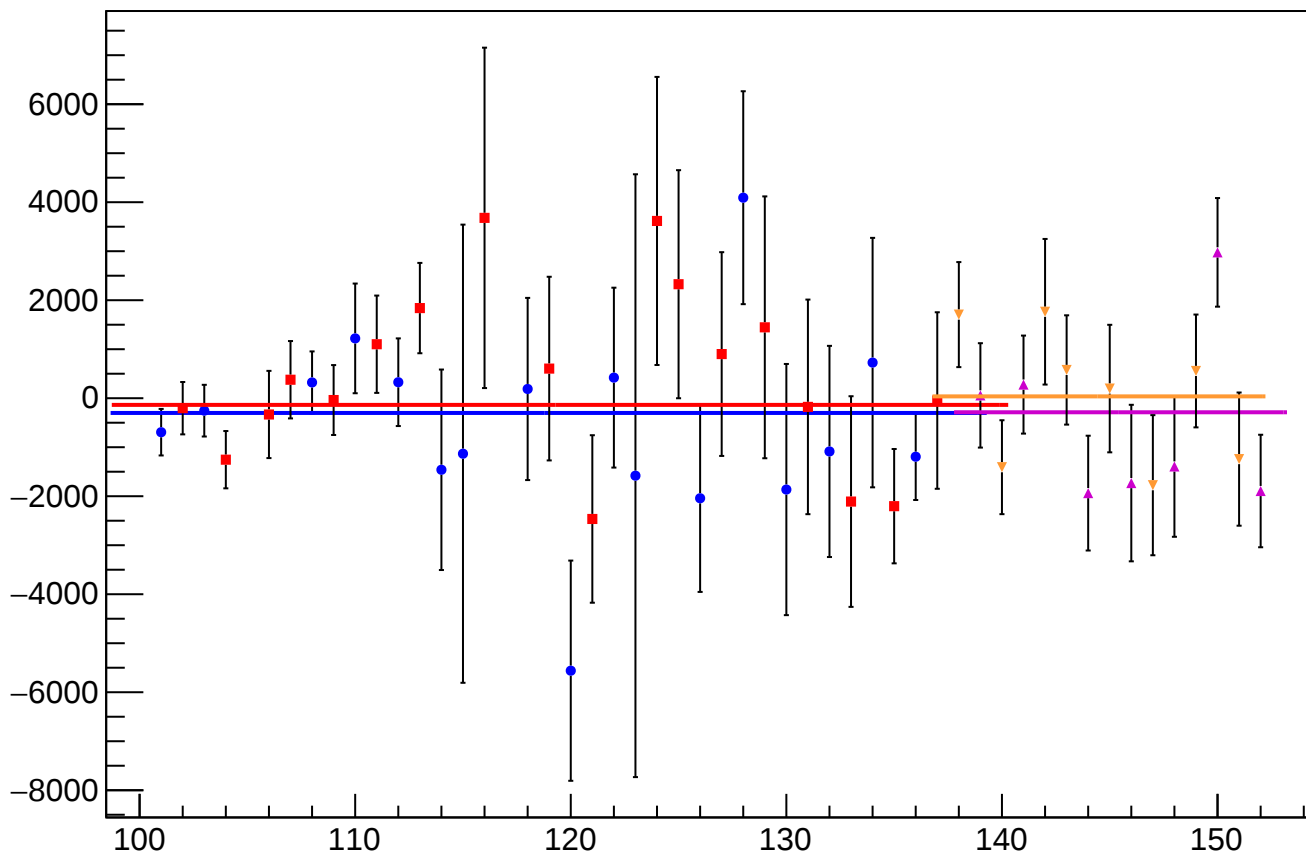
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 690.516 $\pm$ 0.156 χ^2 /NDF:5381045.9/23

Out: 688.381 $\pm$ 0.151 χ^2 /NDF:4969877.3/25

All: 689.414 $\pm$ 0.108 χ^2 /NDF: 10351019.9/49

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: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: -286.851 ± 444.544 $\chi^2/\text{NDF}: 14.4/6$

Left: -116.569 ± 306.387 $\chi^2/\text{NDF}: 23.7/14$

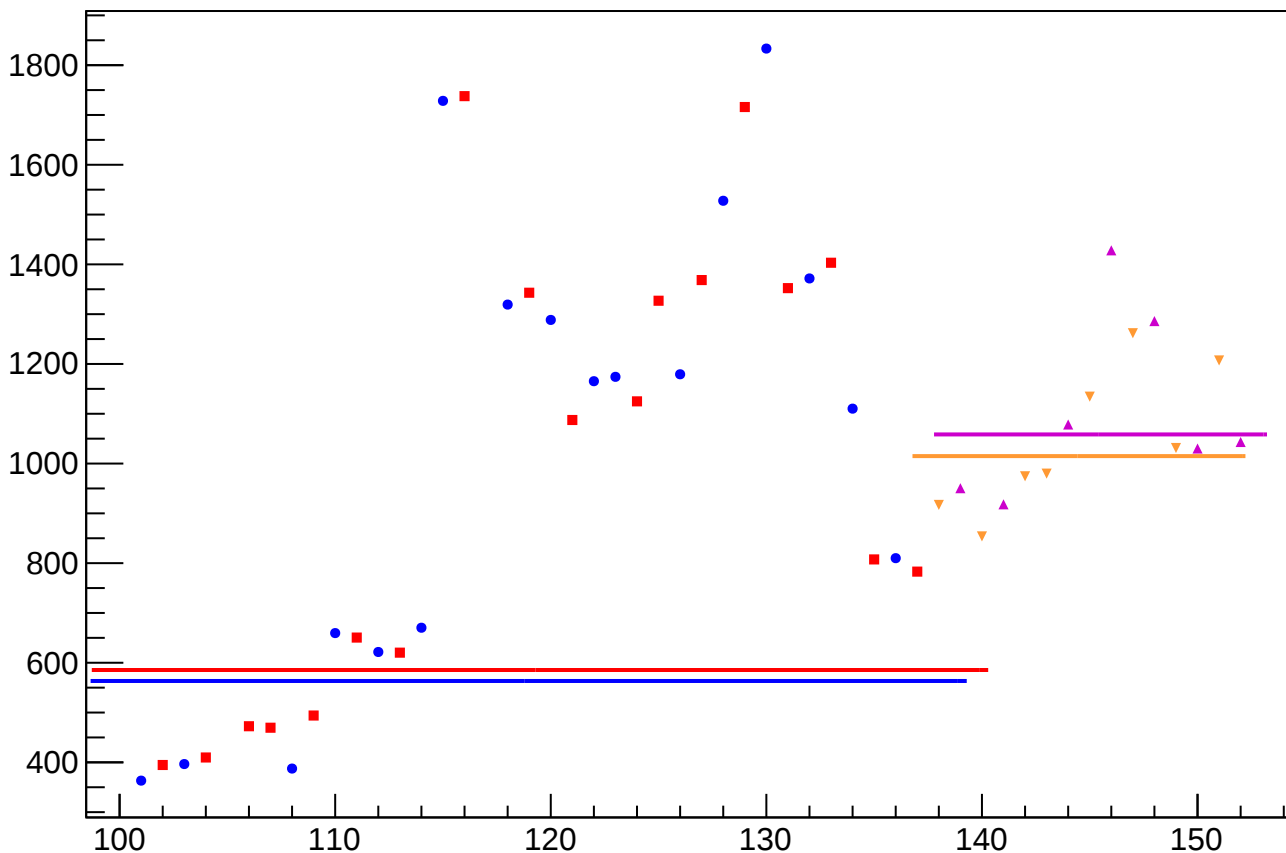
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -297.330 ± 218.106 $\chi^2/\text{NDF}: 31.2/23$

Out: -91.756 ± 213.726 $\chi^2/\text{NDF}: 30.0/25$

All: -192.458 ± 152.652 $\chi^2/\text{NDF}: 61.6/49$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1014.953 $\pm$ 0.299 χ^2 /NDF:193610.5/7

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1058.492 $\pm$ 0.314 χ^2 /NDF:219629.6/6

Left: 1035.635 $\pm$ 0.217 χ^2 /NDF: 423311.7/14

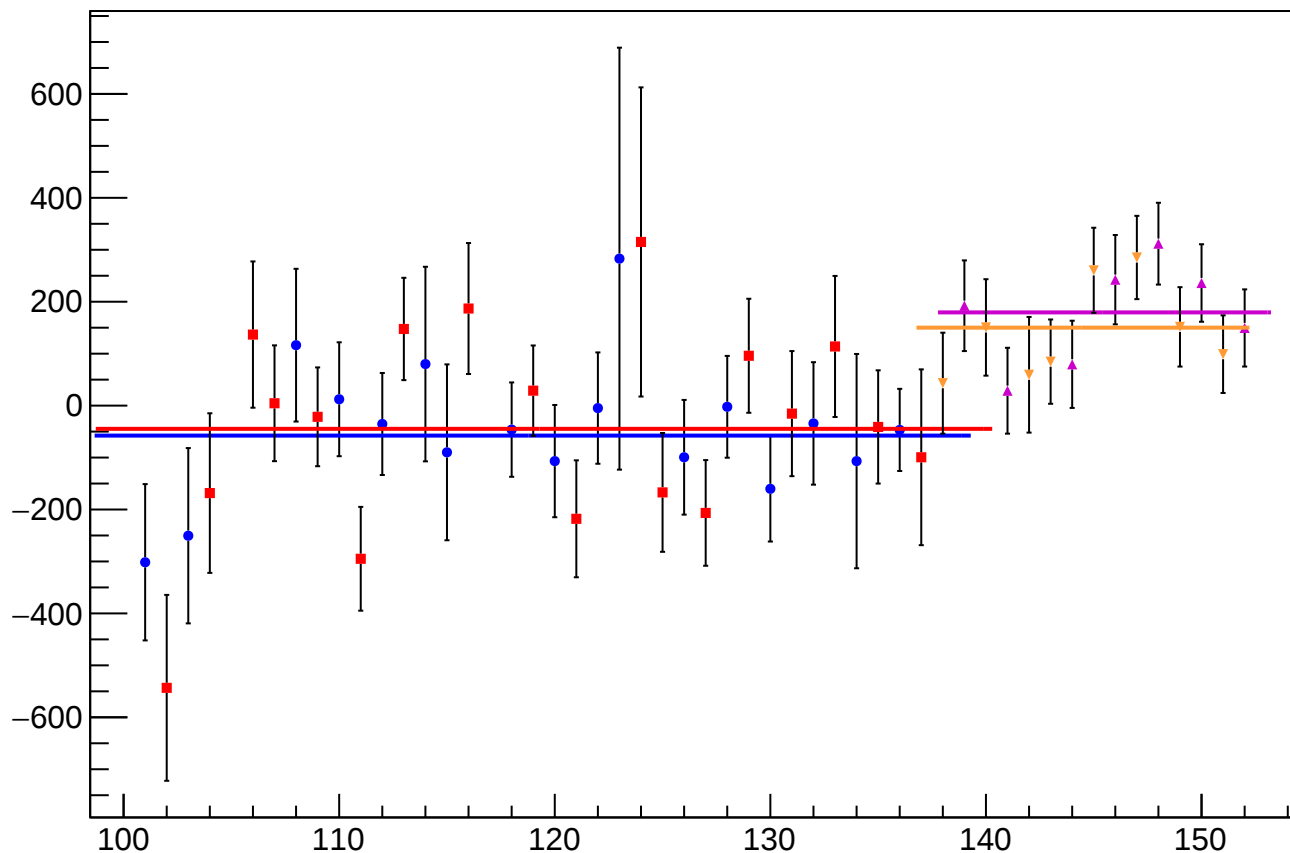
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 682.571 $\pm$ 0.154 χ^2 /NDF:5362273.7/23

Out: 695.160 $\pm$ 0.151 χ^2 /NDF:4548061.0/25

All: 688.994 $\pm$ 0.108 χ^2 /NDF: 9913734.0/49

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 150.101 $\pm$ 30.024 χ^2 /NDF:7.6/7

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 179.457 $\pm$ 30.468 χ^2 /NDF:8.9/6

Left: 164.564 $\pm$ 21.385 χ^2 /NDF: 17.0/14

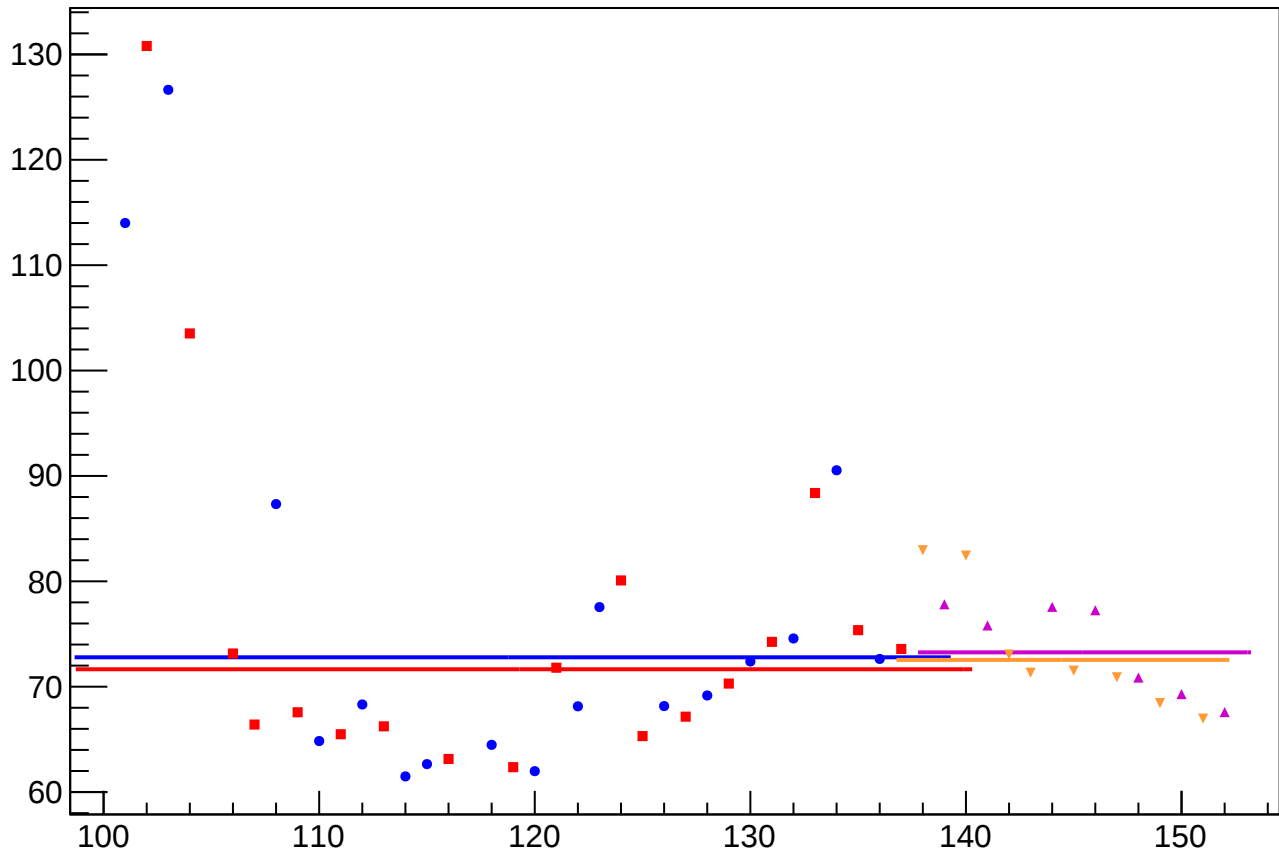
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: 53.767 $\pm$ 20.888 χ^2 /NDF:50.1/23

Out: 44.914 $\pm$ 20.363 χ^2 /NDF:65.5/25

All: 49.228 $\pm$ 14.581 χ^2 /NDF: 115.8/49

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: 71.655 ± 0.020 $\chi^2/\text{NDF}: 404376.9/17$

Left In: 73.259 ± 0.022 $\chi^2/\text{NDF}: 36130.4/6$

Left: 72.894 ± 0.015 $\chi^2/\text{NDF}: 100909.8/14$

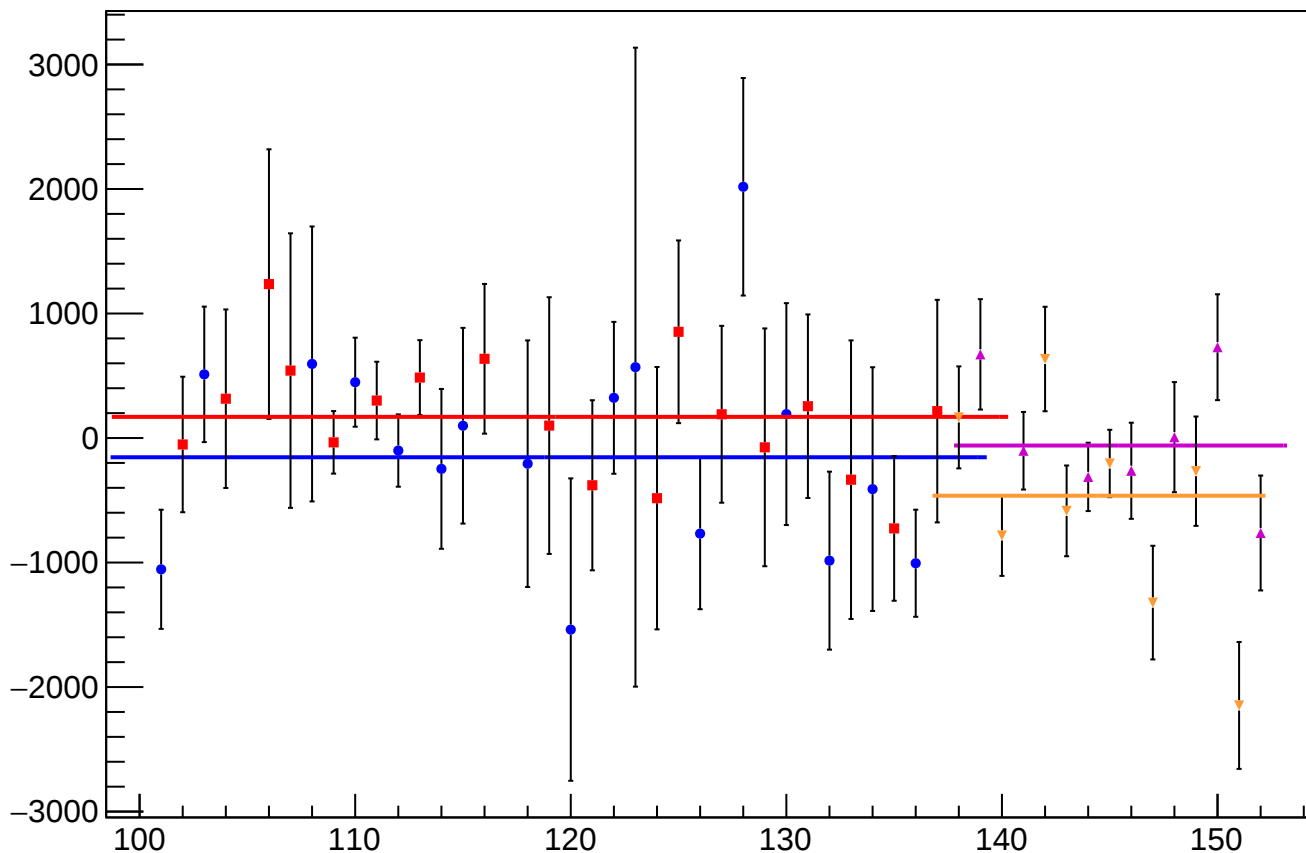
Right: 72.203 ± 0.014 $\chi^2/\text{NDF}: 870767.9/34$

In: 73.010 ± 0.015 $\chi^2/\text{NDF}: 501154.3/23$

Out: 72.062 ± 0.014 $\chi^2/\text{NDF}: 469532.2/25$

All: 72.524 ± 0.010 $\chi^2/\text{NDF}: 972797.2/49$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -463.369+/-133.441 χ^2/NDF : 25.9/7

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -60.252+/-140.405 χ^2/NDF : 9.7/6

Left: -272.056+/-96.725 χ^2/NDF : 39.8/14

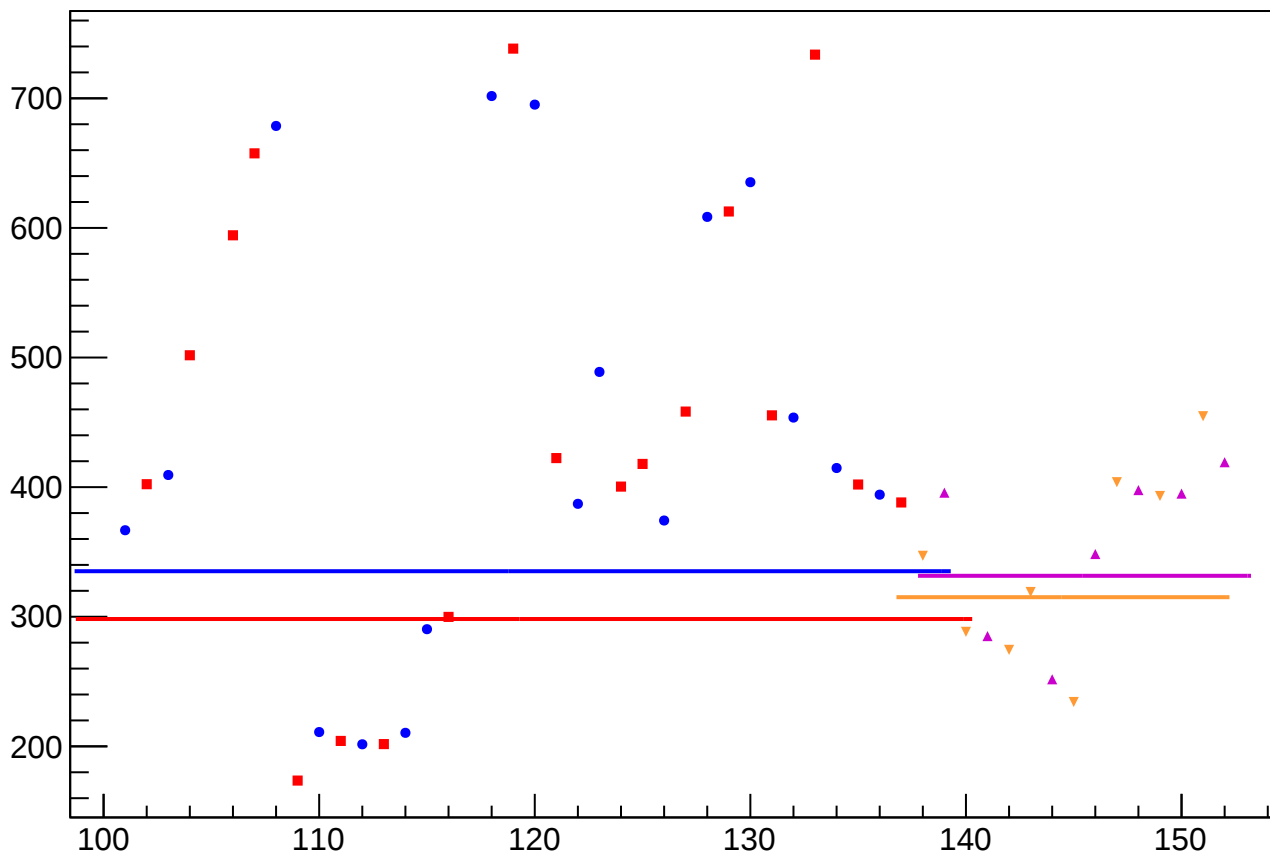
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -107.229+/-99.386 χ^2/NDF : 33.1/23

Out: -129.071+/-91.698 χ^2/NDF : 46.2/25

All: -119.027+/-67.394 χ^2/NDF : 79.2/49

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: 298.253 +/- 0.089 χ^2/NDF : 2776555.9/17

Left In: 331.594 +/- 0.099 χ^2/NDF : 420992.6/6

Left: 322.921 +/- 0.068 χ^2/NDF : 947848.0/14

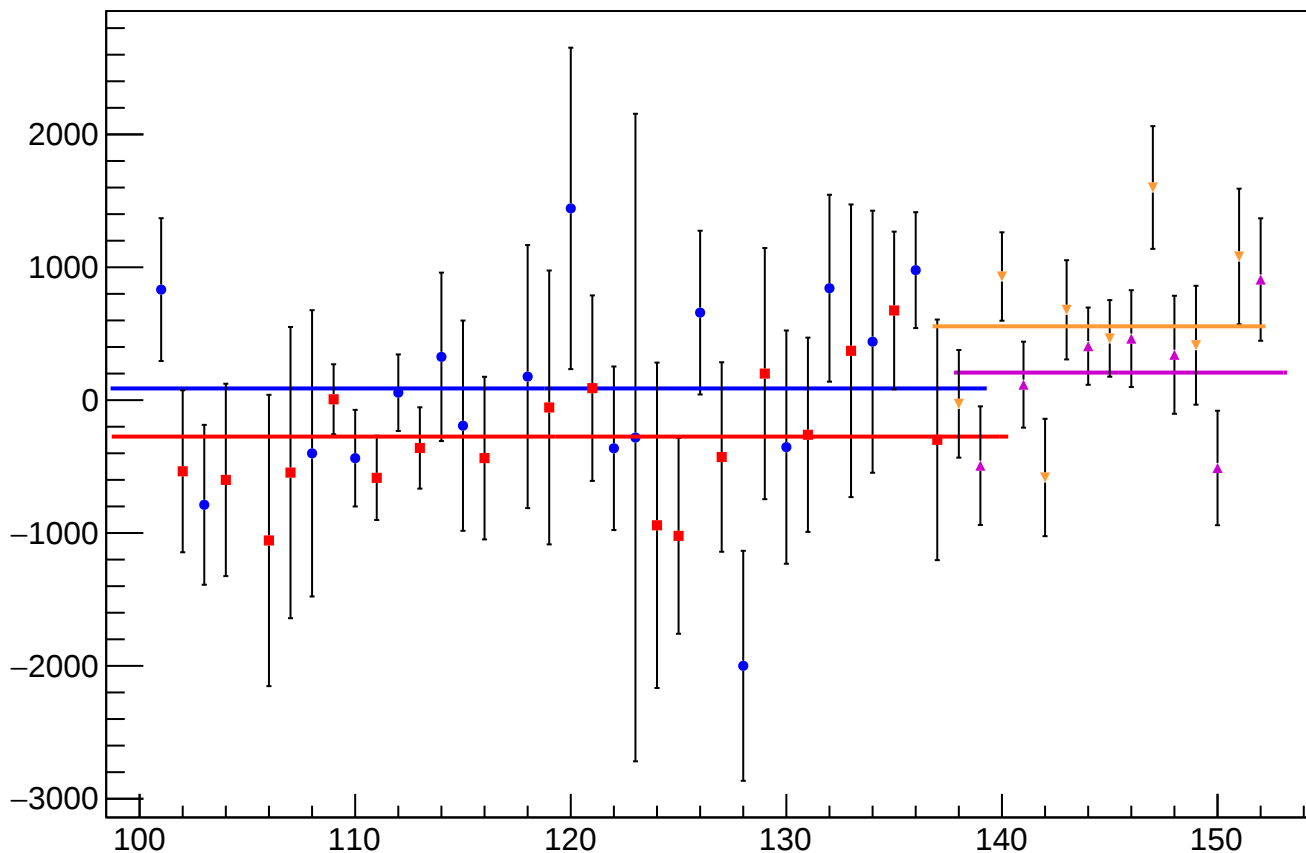
Right: 314.699 +/- 0.066 χ^2/NDF : 4846742.5/34

In: 333.360 +/- 0.070 χ^2/NDF : 2415672.2/23

Out: 306.203 +/- 0.065 χ^2/NDF : 3305686.1/25

All: 318.691 +/- 0.048 χ^2/NDF : 5802026.3/49

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: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 207.429+/-142.714 χ^2/NDF :8.7/6

Left: 388.128+/-98.982 χ^2/NDF : 28.2/14

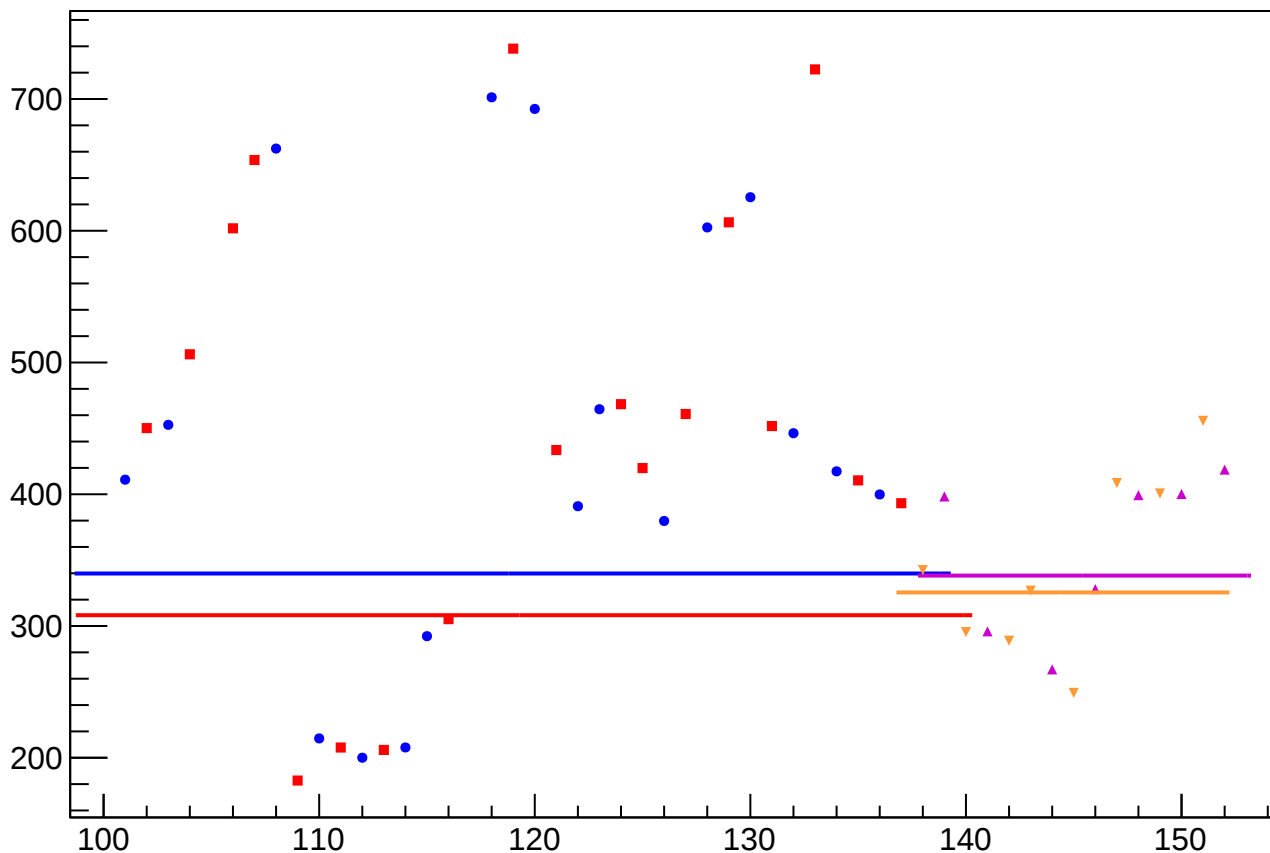
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 147.899+/-101.021 χ^2/NDF :29.8/23

Out: 117.264+/-94.380 χ^2/NDF :43.8/25

All: 131.542+/-68.965 χ^2/NDF : 73.7/49

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 325.489 $\pm$ 0.097 χ^2 /NDF: 424686.0/7

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 338.264 $\pm$ 0.101 χ^2 /NDF: 332002.7/6

Left: 331.634 $\pm$ 0.070 χ^2 /NDF: 765006.1/14

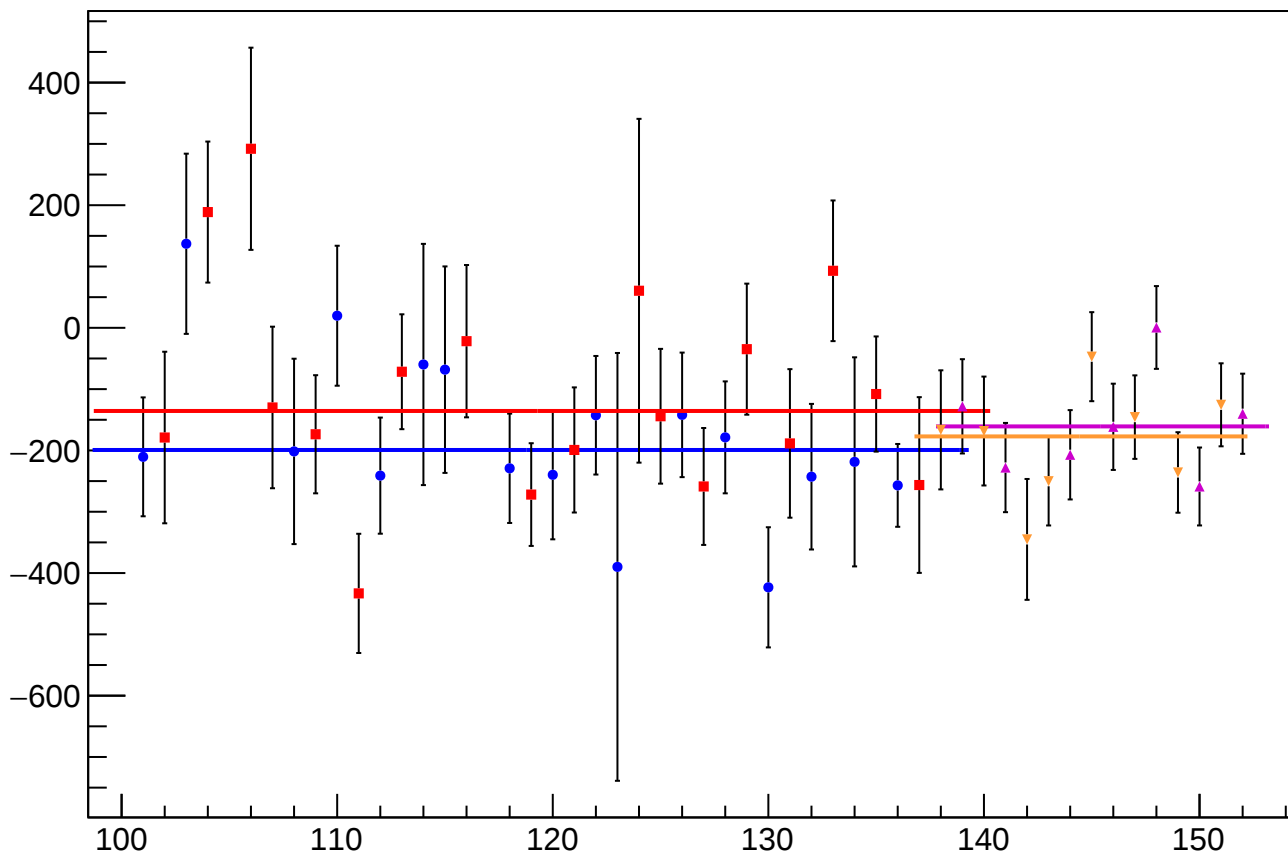
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 339.055 $\pm$ 0.071 χ^2 /NDF: 2375648.3/23

Out: 316.357 $\pm$ 0.067 χ^2 /NDF: 3140241.0/25

All: 326.935 $\pm$ 0.049 χ^2 /NDF: 5569802.3/49

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: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -160.800 ± 26.267 $\chi^2/\text{NDF}: 9.6/6$

Left: -168.773 ± 18.789 $\chi^2/\text{NDF}: 18.6/14$

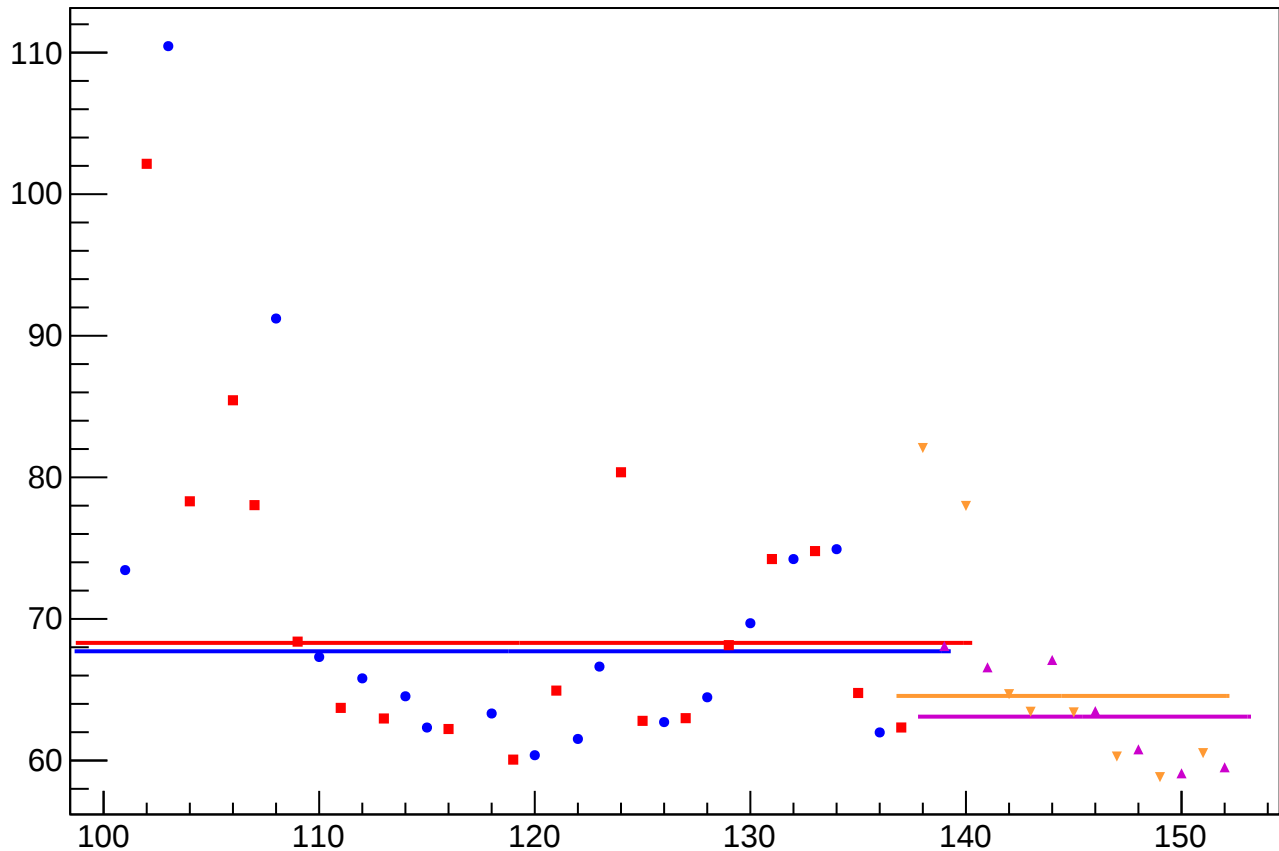
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -179.845 ± 18.661 $\chi^2/\text{NDF}: 28.3/23$

Out: -155.879 ± 18.784 $\chi^2/\text{NDF}: 46.6/25$

All: -167.941 ± 13.238 $\chi^2/\text{NDF}: 75.8/49$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 64.562 $\pm$ 0.019 χ^2 /NDF: 141975.2/7

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 63.099 $\pm$ 0.019 χ^2 /NDF: 35356.6/6

Left: 63.813 $\pm$ 0.013 χ^2 /NDF: 180361.2/14

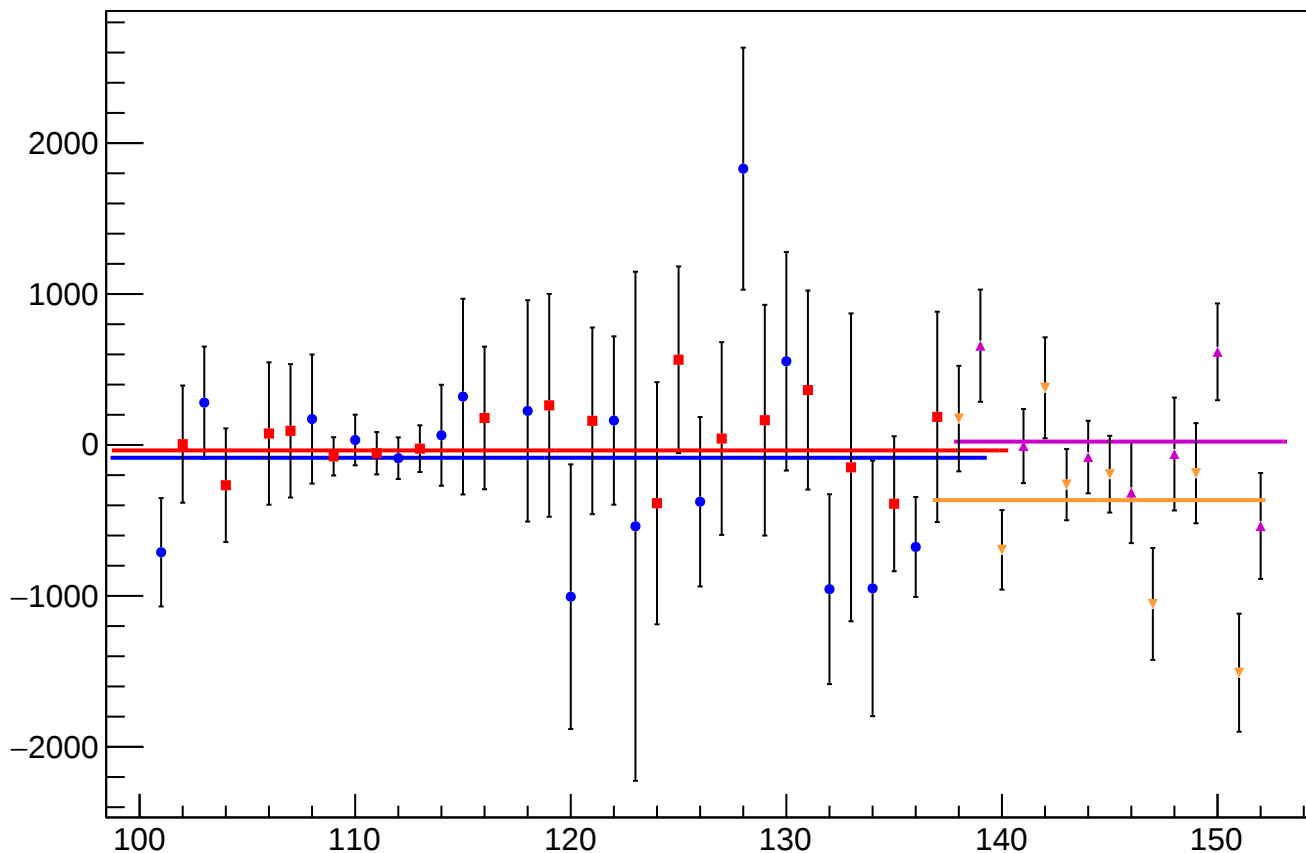
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 65.386 $\pm$ 0.013 χ^2 /NDF: 348846.3/23

Out: 66.480 $\pm$ 0.013 χ^2 /NDF: 396169.3/25

All: 65.929 $\pm$ 0.009 χ^2 /NDF: 748432.7/49

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: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 22.266 ± 115.452 $\chi^2/\text{NDF}: 10.2/6$

Left: -186.935 ± 78.363 $\chi^2/\text{NDF}: 38.1/14$

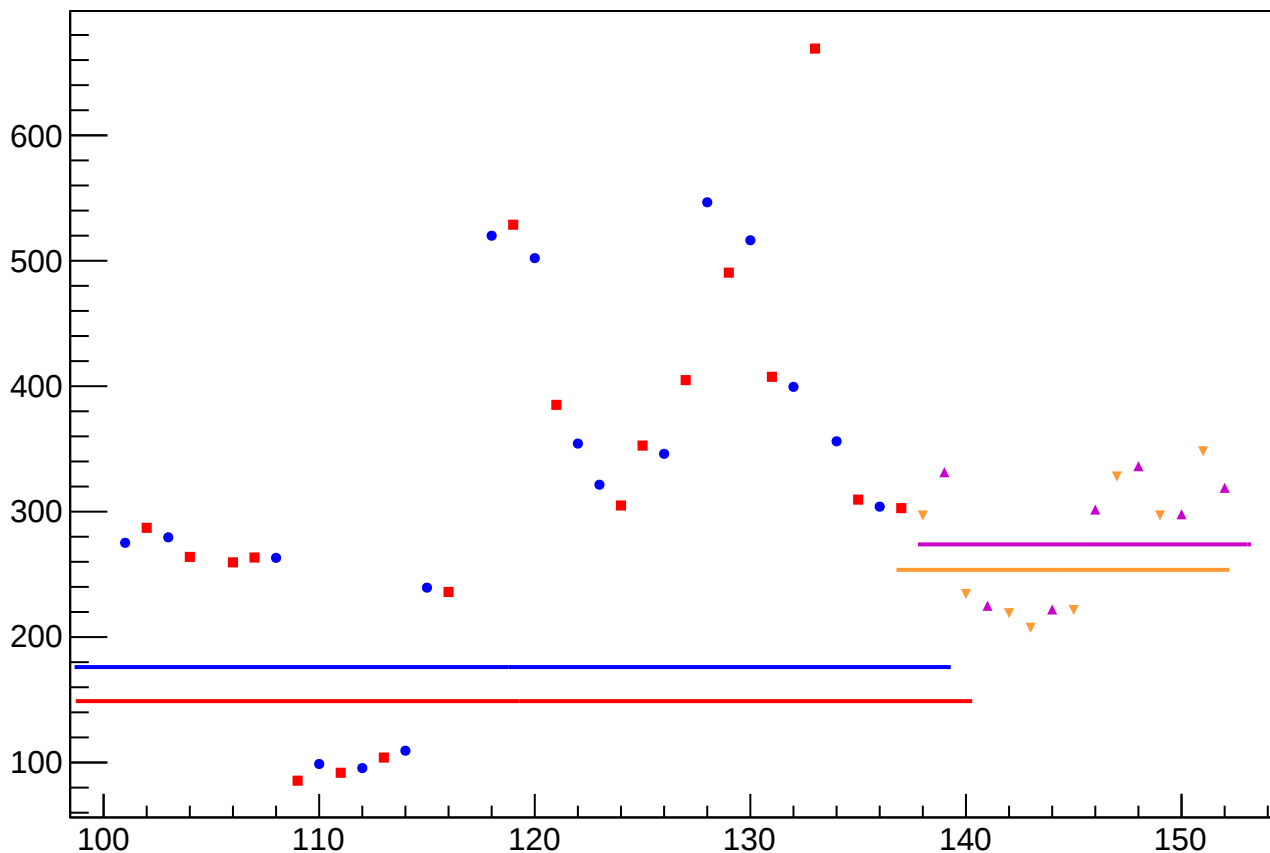
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -48.485 ± 67.214 $\chi^2/\text{NDF}: 30.6/23$

Out: -134.775 ± 58.384 $\chi^2/\text{NDF}: 32.0/25$

All: -97.667 ± 44.077 $\chi^2/\text{NDF}: 63.5/49$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 253.595 $\pm$ 0.075 χ^2/NDF : 402600.6/7

Right Out: 148.932 $\pm$ 0.049 χ^2/NDF : 4770916.6/17

Left In: 273.892 $\pm$ 0.082 χ^2/NDF : 333961.8/6

Left: 262.946 $\pm$ 0.055 χ^2/NDF : 769899.5/14

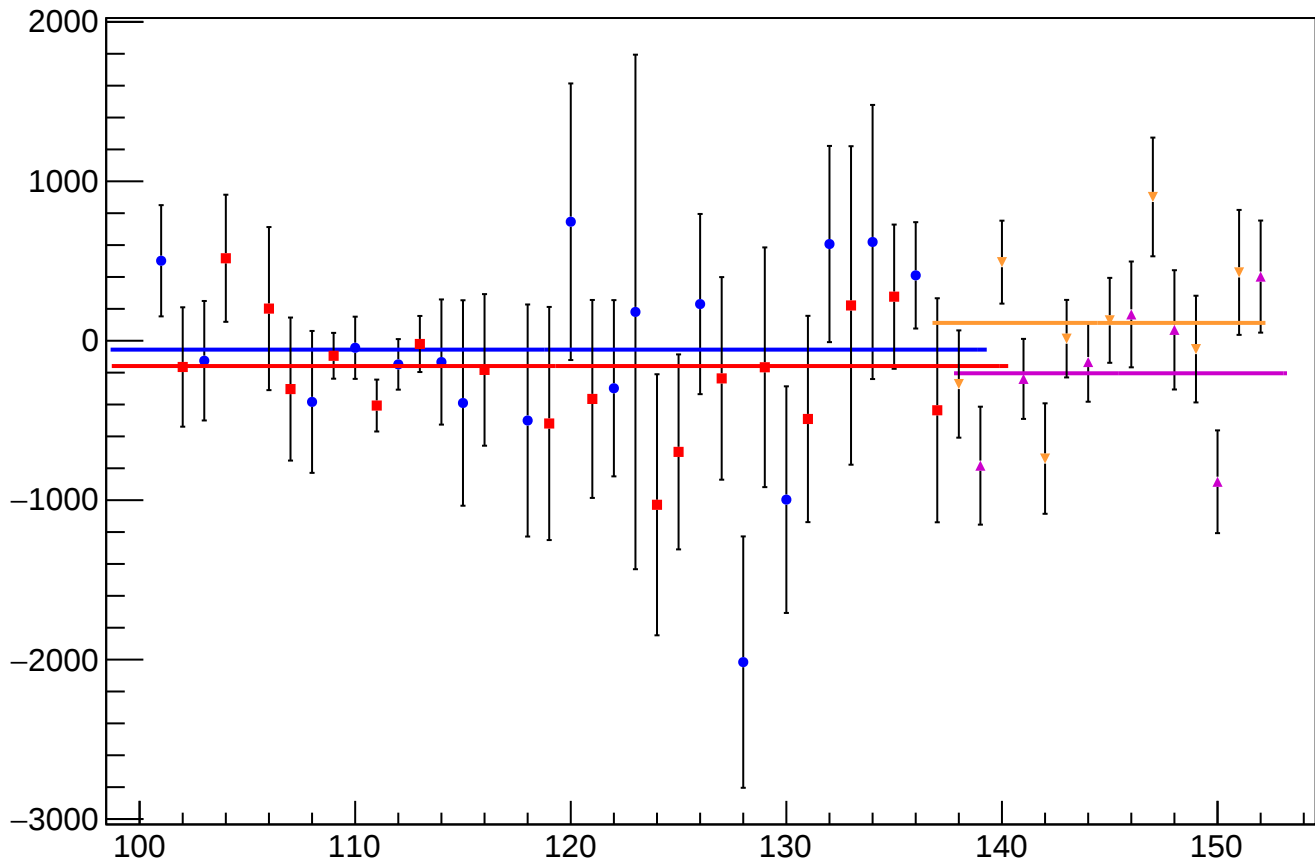
Right: 160.228 $\pm$ 0.038 χ^2/NDF : 9120718.3/34

In: 209.242 $\pm$ 0.048 χ^2/NDF : 5506275.9/23

Out: 180.264 $\pm$ 0.041 χ^2/NDF : 6521606.5/25

All: 192.726 $\pm$ 0.031 χ^2/NDF : 12239777.5/49

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: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -204.051 ± 116.843 $\chi^2/\text{NDF}: 11.8/6$

Left: -33.741 ± 79.342 $\chi^2/\text{NDF}: 30.7/14$

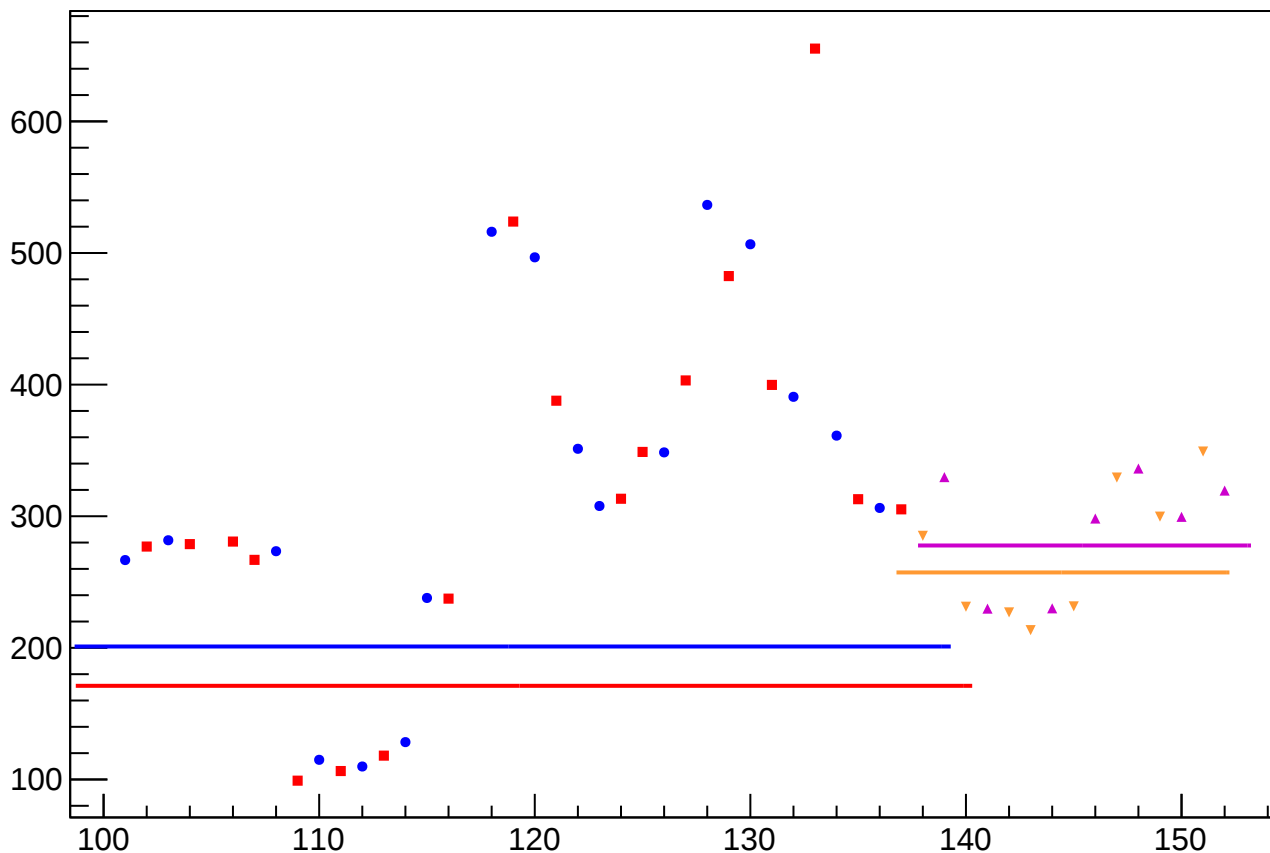
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -111.397 ± 71.584 $\chi^2/\text{NDF}: 29.9/23$

Out: -67.438 ± 62.751 $\chi^2/\text{NDF}: 29.6/25$

All: -86.540 ± 47.188 $\chi^2/\text{NDF}: 59.7/49$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 257.301 $\pm$ 0.076 χ^2/NDF :349869.4/7

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 277.775 $\pm$ 0.083 χ^2/NDF :279776.2/6

Left: 266.742 $\pm$ 0.056 χ^2/NDF : 662737.6/14

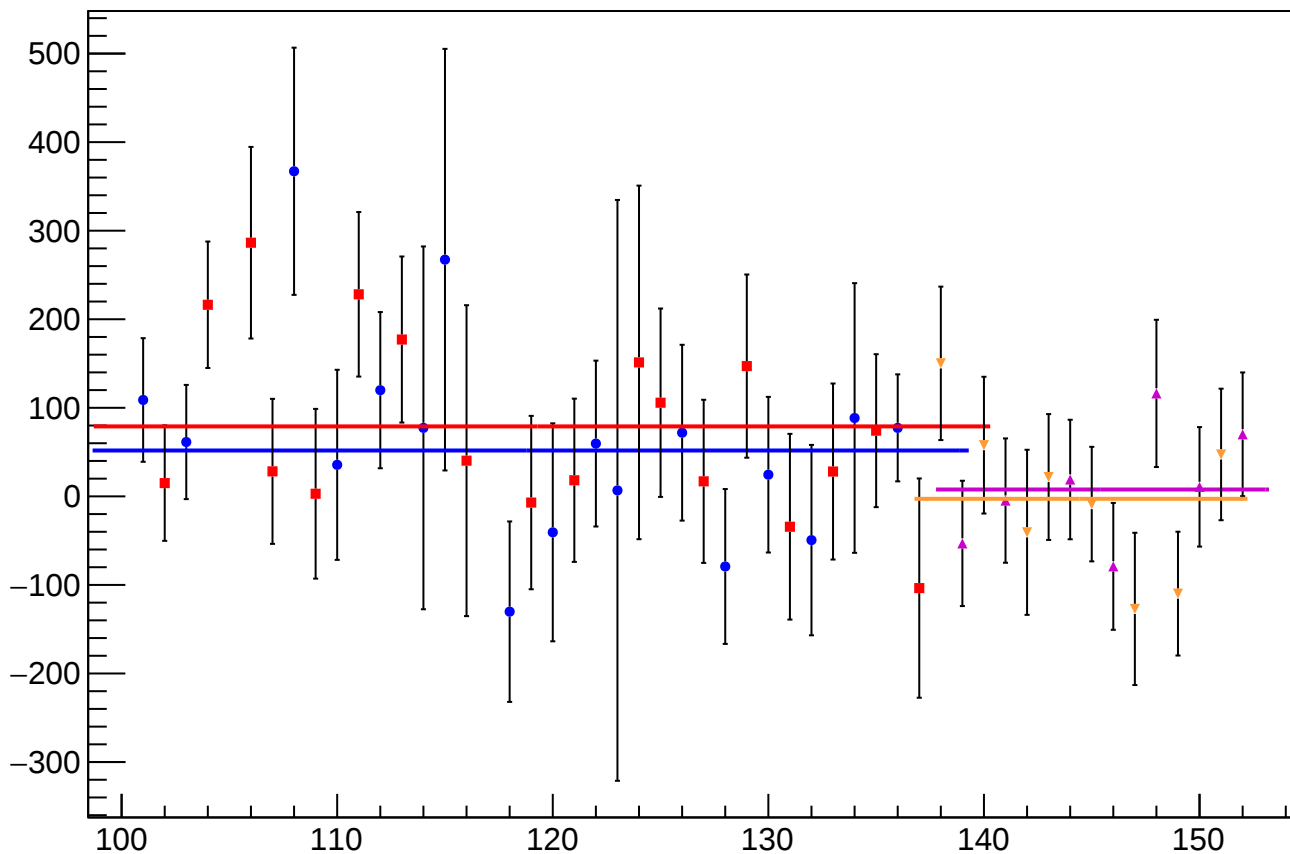
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 229.840 $\pm$ 0.051 χ^2/NDF :4251688.1/23

Out: 200.197 $\pm$ 0.044 χ^2/NDF :5257678.2/25

All: 213.078 $\pm$ 0.033 χ^2/NDF : 9703292.1/49

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: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 7.746 $\pm$ 26.858 χ^2 /NDF:4.8/6

Left: 2.512 $\pm$ 19.032 χ^2 /NDF: 13.8/14

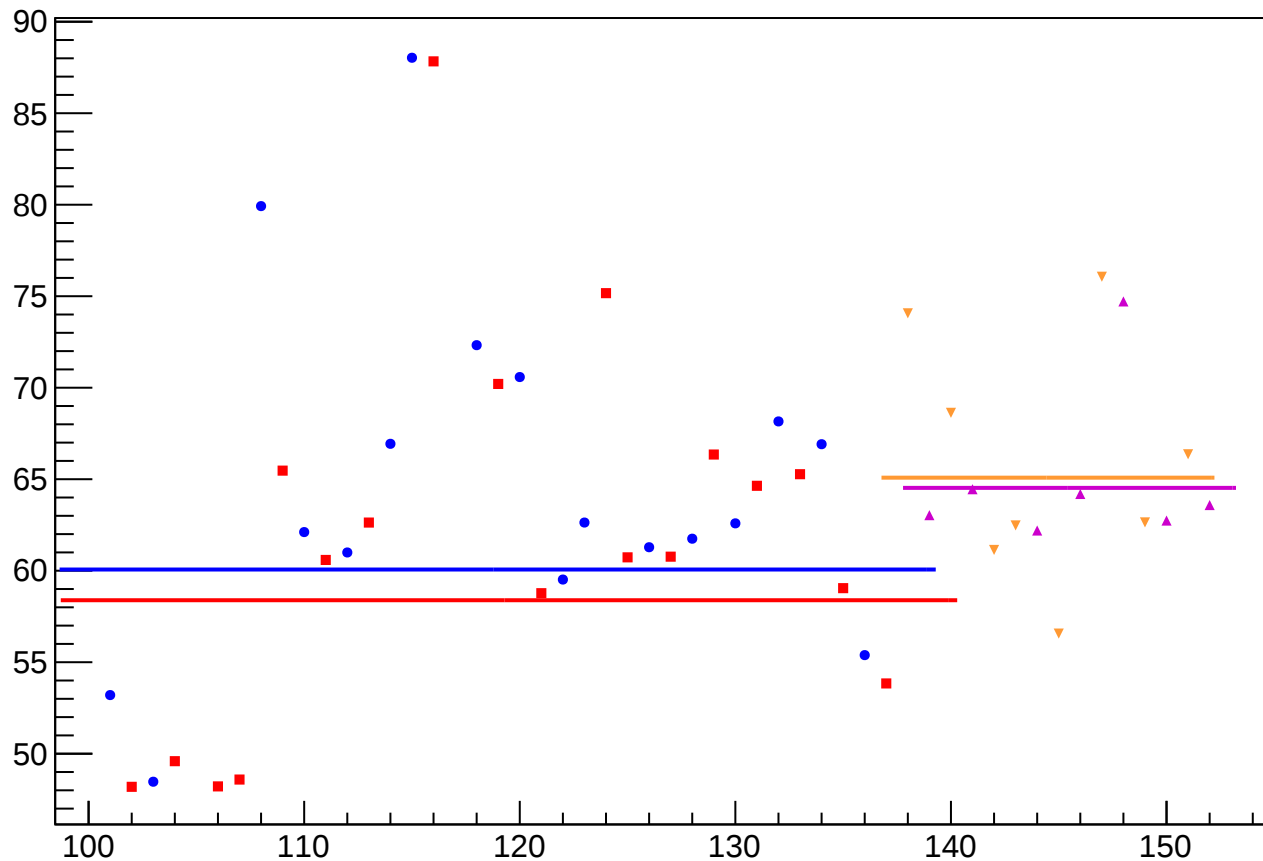
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 32.662 $\pm$ 17.702 χ^2 /NDF:20.8/23

Out: 45.455 $\pm$ 17.277 χ^2 /NDF:33.3/25

All: 39.214 $\pm$ 12.364 χ^2 /NDF: 54.4/49

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: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 64.527 $\pm$ 0.019 χ^2 /NDF:35119.2/6

Left: 64.805 $\pm$ 0.013 χ^2 /NDF: 137924.4/14

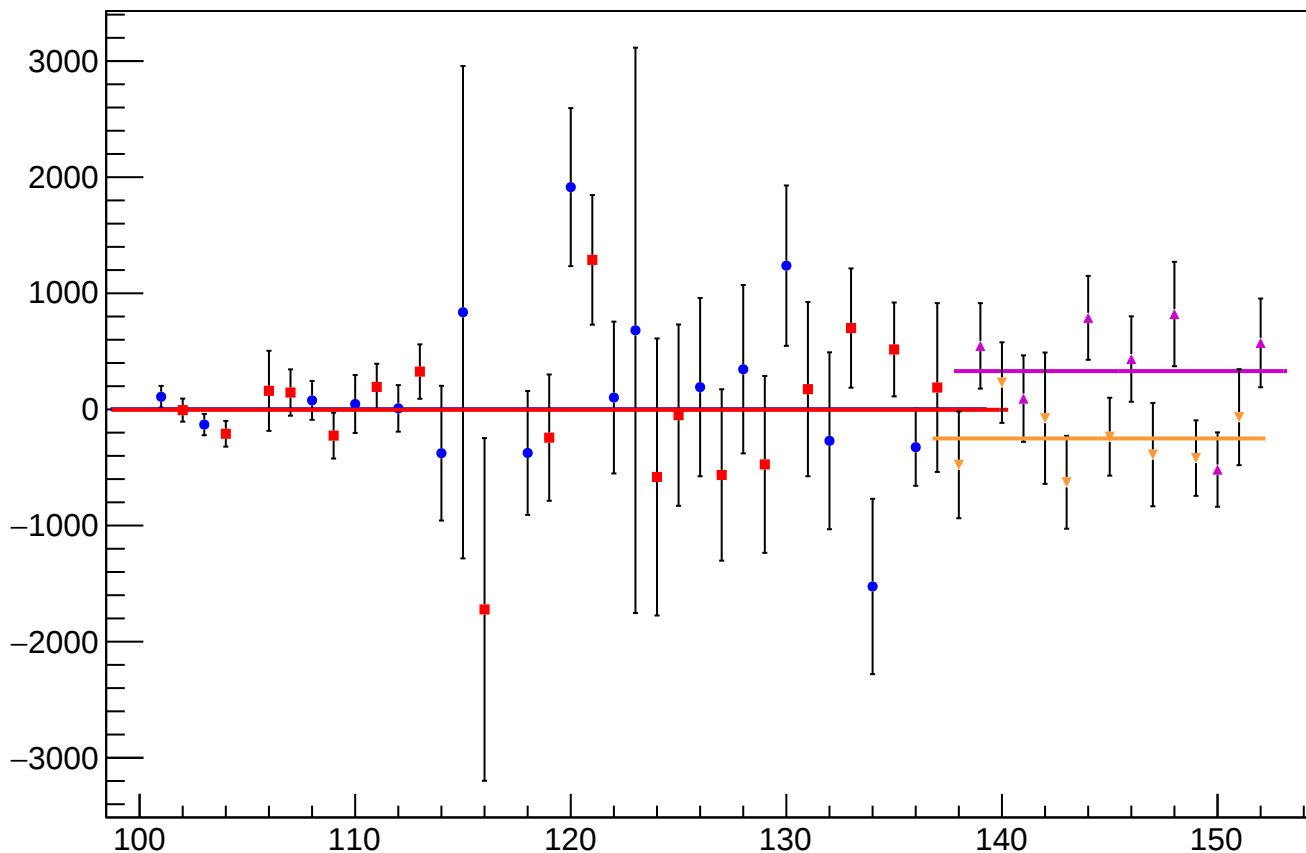
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 62.003 $\pm$ 0.013 χ^2 /NDF:295432.7/23

Out: 61.135 $\pm$ 0.012 χ^2 /NDF:450113.5/25

All: 61.559 $\pm$ 0.009 χ^2 /NDF: 748011.2/49

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: -3.242 ± 56.611 χ^2/NDF : 20.2/17

Left In: 330.166 ± 139.737 χ^2/NDF : 11.1/6

Left: 38.893 ± 98.588 χ^2/NDF : 23.4/14

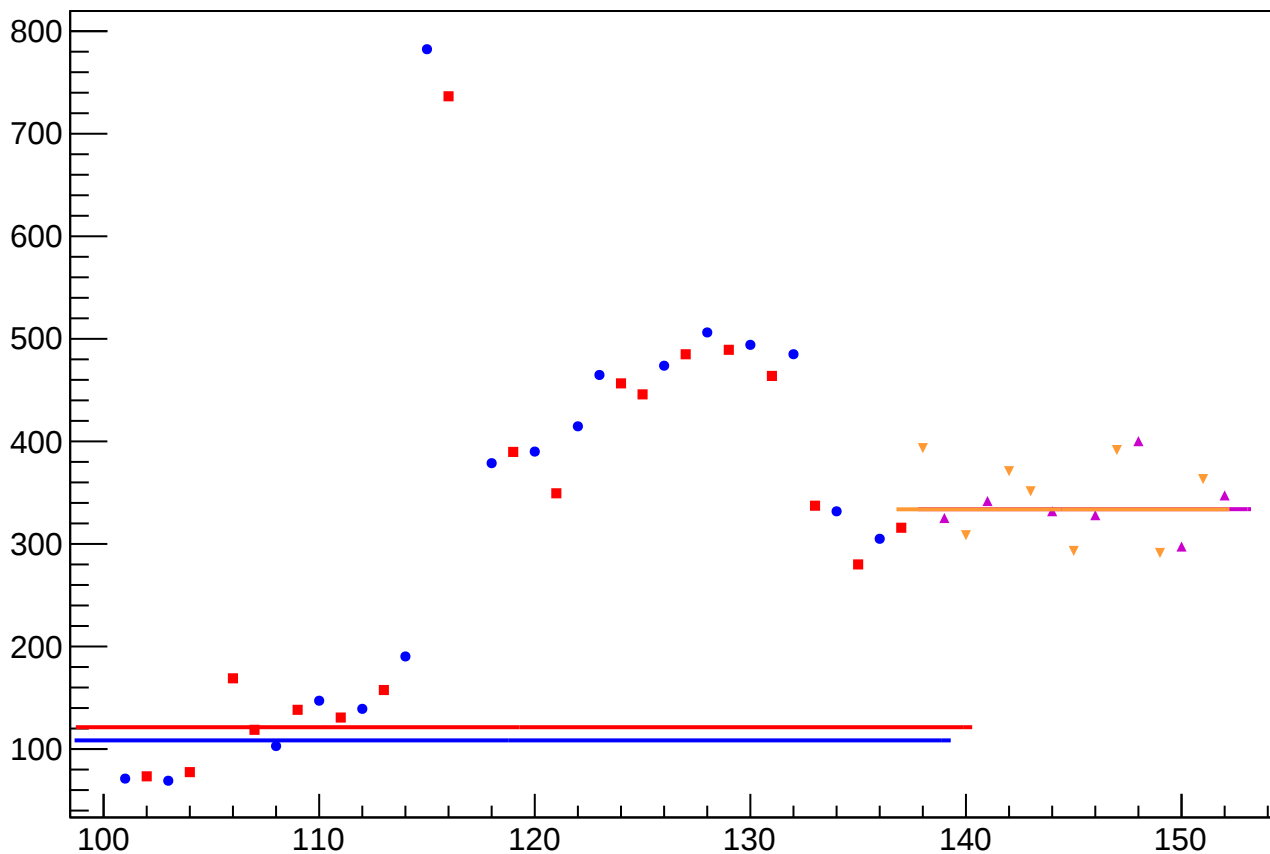
Right: -0.730 ± 39.182 χ^2/NDF : 41.6/34

In: 44.666 ± 50.600 χ^2/NDF : 37.2/23

Out: -38.270 ± 52.436 χ^2/NDF : 26.7/25

All: 4.675 ± 36.411 χ^2/NDF : 65.2/49

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: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 333.912 $\pm$ 0.099 χ^2 /NDF:74474.1/6

Left: 333.841 $\pm$ 0.070 χ^2 /NDF: 238667.6/14

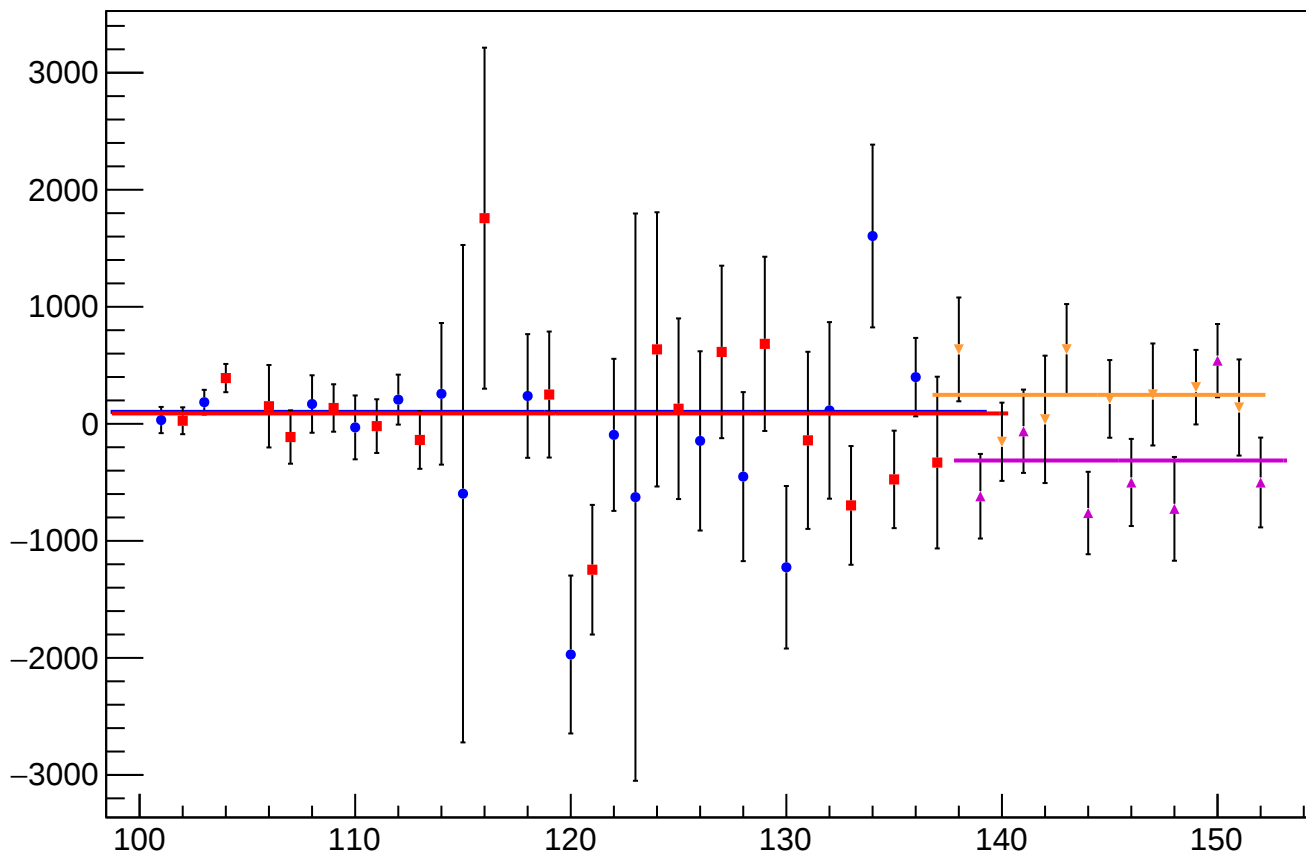
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 138.009 $\pm$ 0.036 χ^2 /NDF:10002676.0/23

Out: 151.489 $\pm$ 0.037 χ^2 /NDF:8898138.4/25

All: 144.509 $\pm$ 0.026 χ^2 /NDF: 18969260.7/49

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: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -313.306 $\pm$ 137.477 χ^2 /NDF:11.6/6

Left: -29.384 $\pm$ 96.607 χ^2 /NDF: 23.5/14

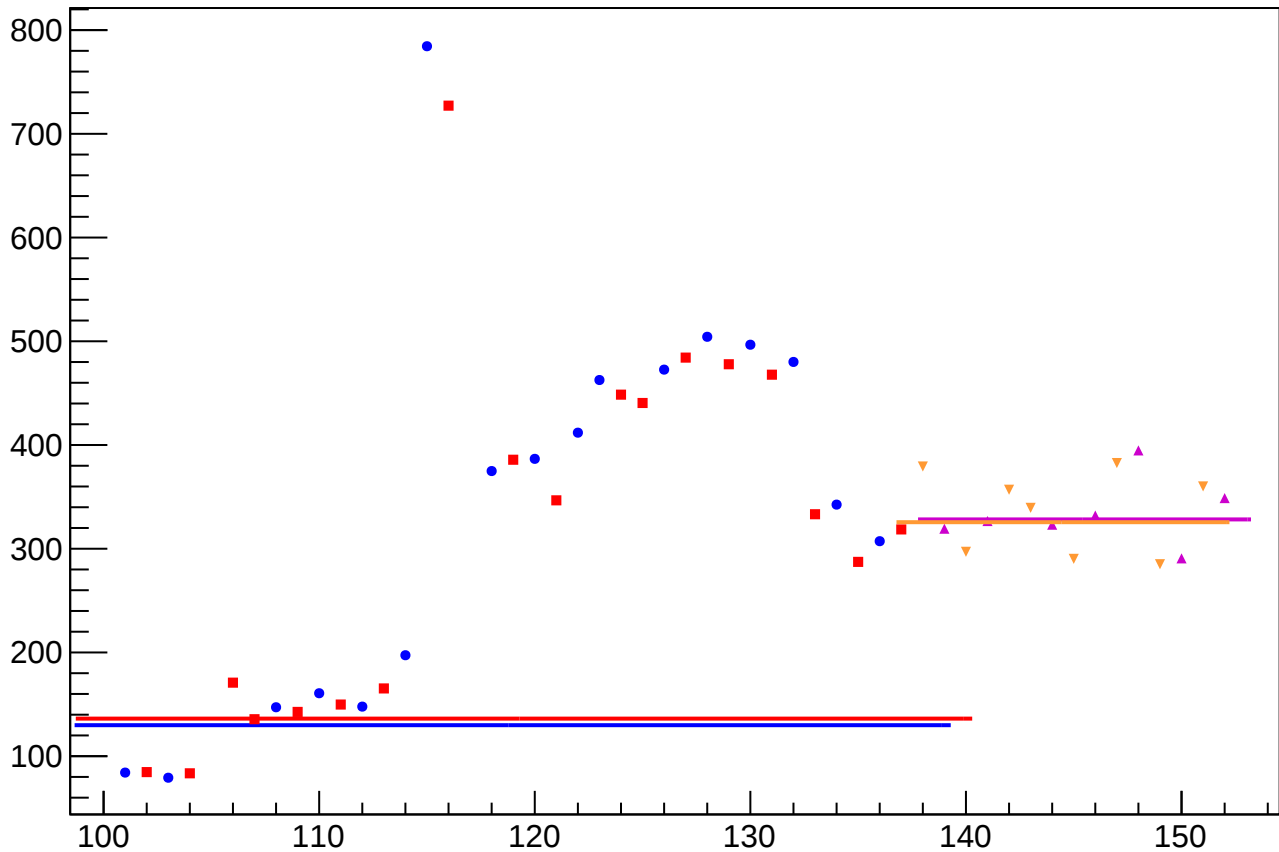
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 29.863 $\pm$ 57.368 χ^2 /NDF:39.4/23

Out: 116.397 $\pm$ 56.572 χ^2 /NDF:26.4/25

All: 73.735 $\pm$ 40.281 χ^2 /NDF: 66.9/49

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: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 328.260+/-0.097 χ^2/NDF :81419.7/6

Left: 326.906+/-0.068 χ^2/NDF : 238260.0/14

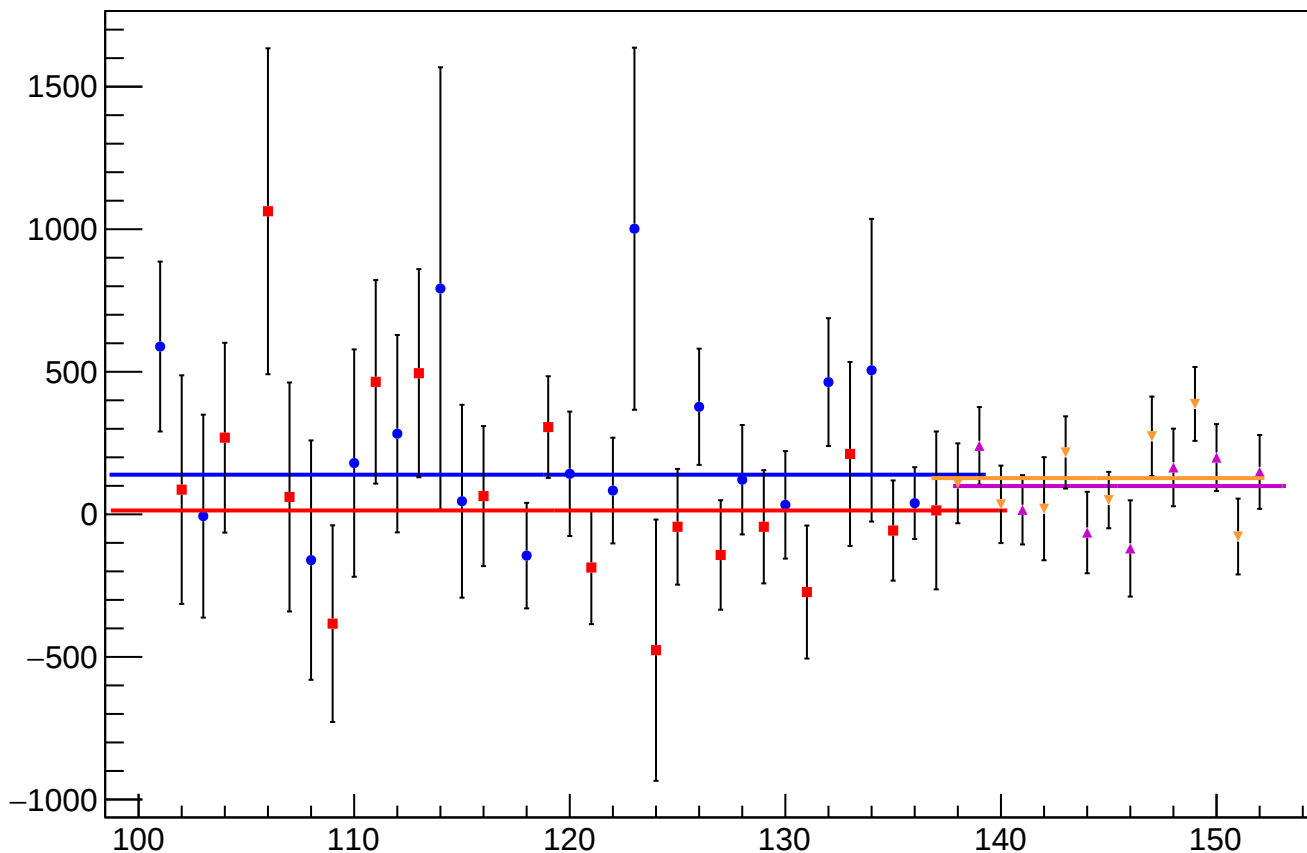
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 164.428+/-0.041 χ^2/NDF :8350152.6/23

Out: 169.094+/-0.040 χ^2/NDF :7653693.4/25

All: 166.794+/-0.028 χ^2/NDF : 16010554.2/49

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: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 99.282 $\pm$ 50.506 χ^2 /NDF:5.6/6

Left: 114.420 $\pm$ 34.103 χ^2 /NDF: 15.2/14

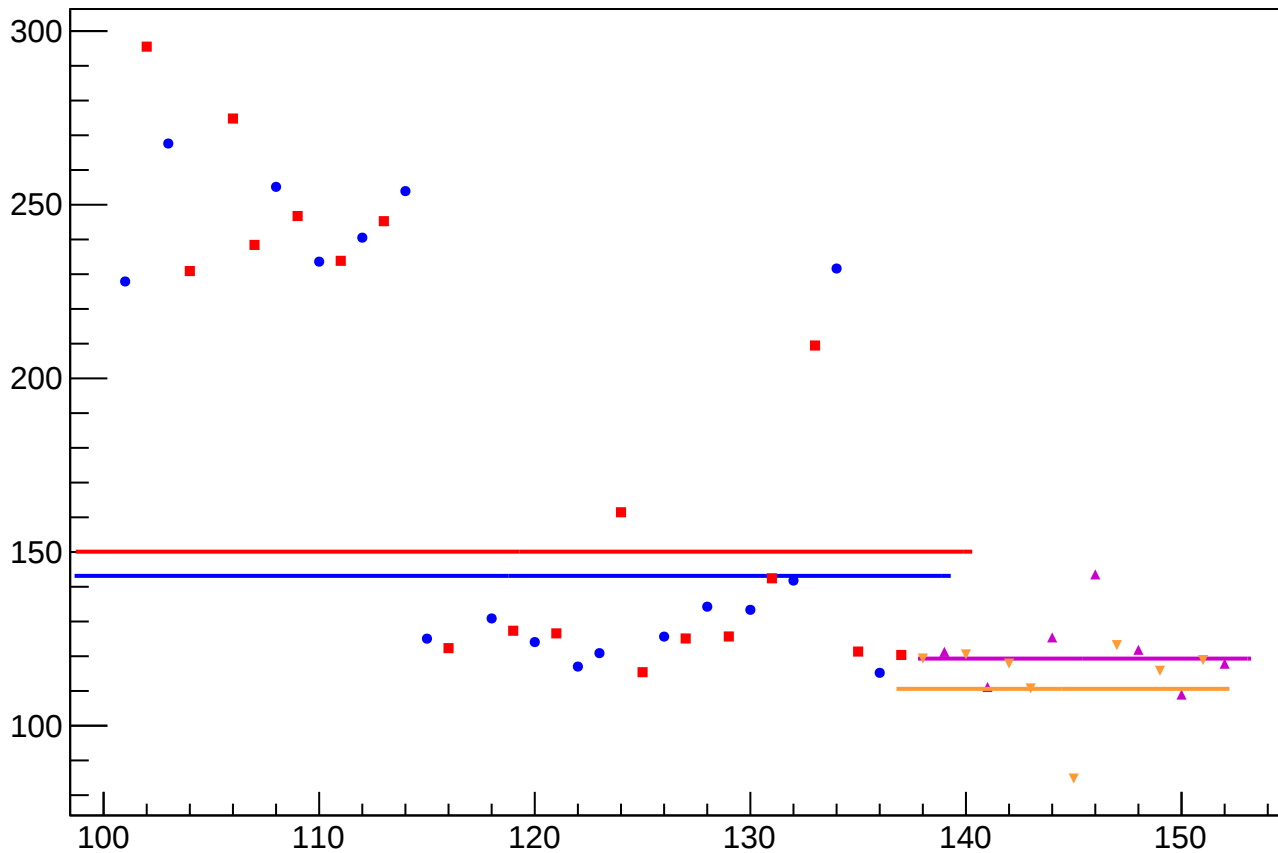
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 116.457 $\pm$ 38.084 χ^2 /NDF:19.0/23

Out: 84.945 $\pm$ 36.651 χ^2 /NDF:28.1/25

All: 100.097 $\pm$ 26.408 χ^2 /NDF: 47.5/49

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 110.614 $\pm$ 0.033 χ^2 /NDF:185247.2/7

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 119.321 $\pm$ 0.036 χ^2 /NDF:70896.1/6

Left: 114.584 $\pm$ 0.024 χ^2 /NDF: 288485.8/14

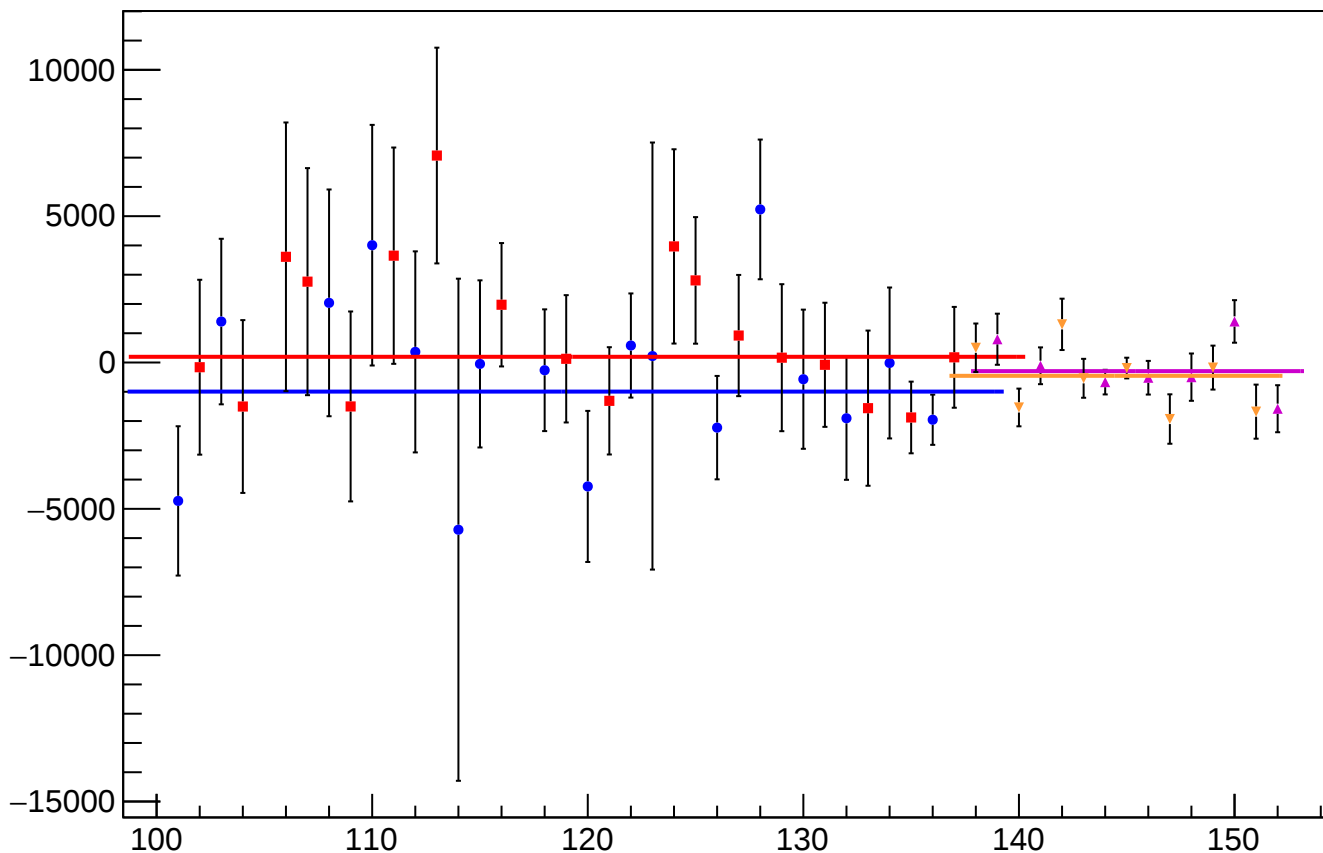
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 129.597 $\pm$ 0.027 χ^2 /NDF:1364061.9/23

Out: 125.289 $\pm$ 0.026 χ^2 /NDF:2060317.5/25

All: 127.360 $\pm$ 0.019 χ^2 /NDF: 3437664.0/49

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: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -294.679+/-239.139 χ^2/NDF :10.7/6

Left: -379.750+/-163.828 χ^2/NDF : 24.6/14

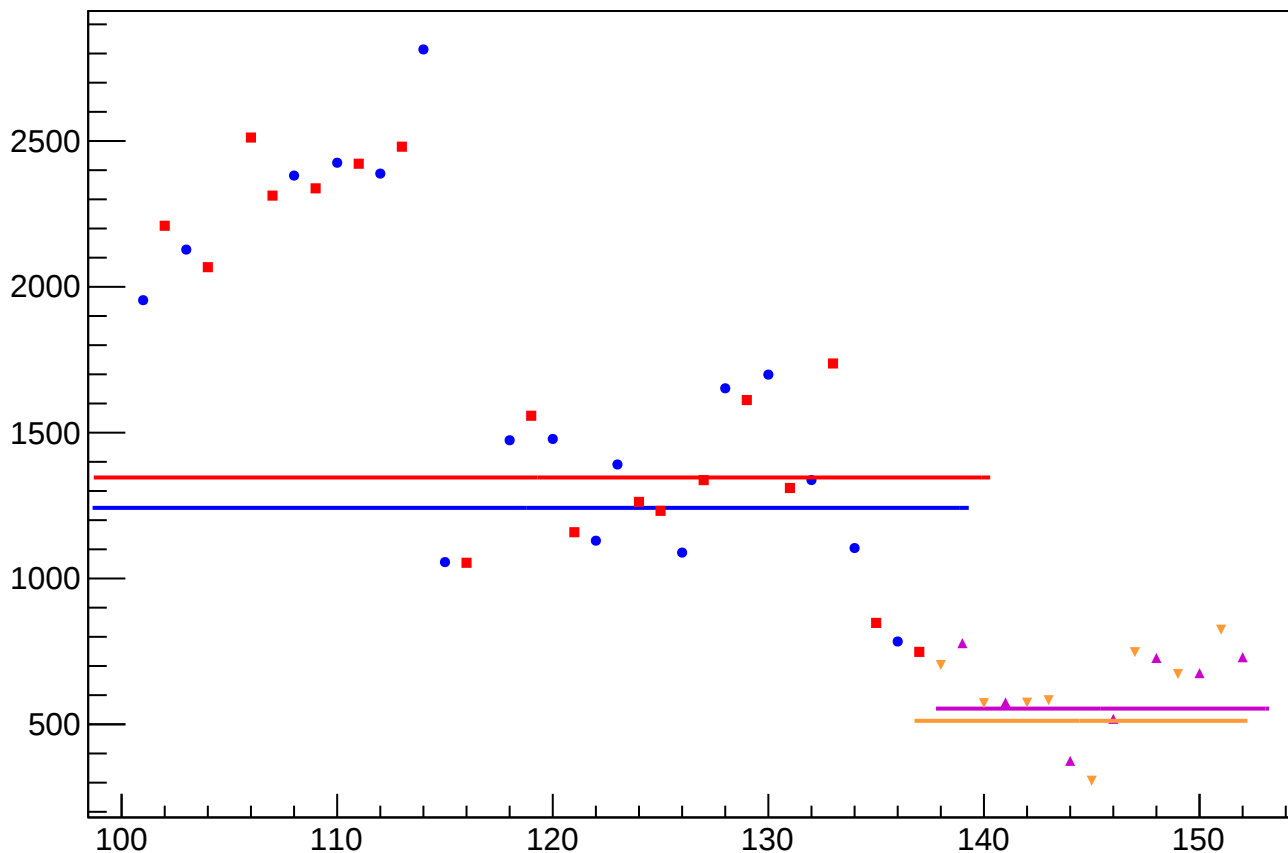
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -418.104+/-217.005 χ^2/NDF :29.1/23

Out: -360.055+/-207.823 χ^2/NDF :28.5/25

All: -387.826+/-150.094 χ^2/NDF : 57.6/49

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 512.061+/-0.159 χ^2/NDF : 1306999.4/7

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 553.887+/-0.169 χ^2/NDF : 748605.5/6

Left: 531.691+/-0.116 χ^2/NDF : 2088073.0/14

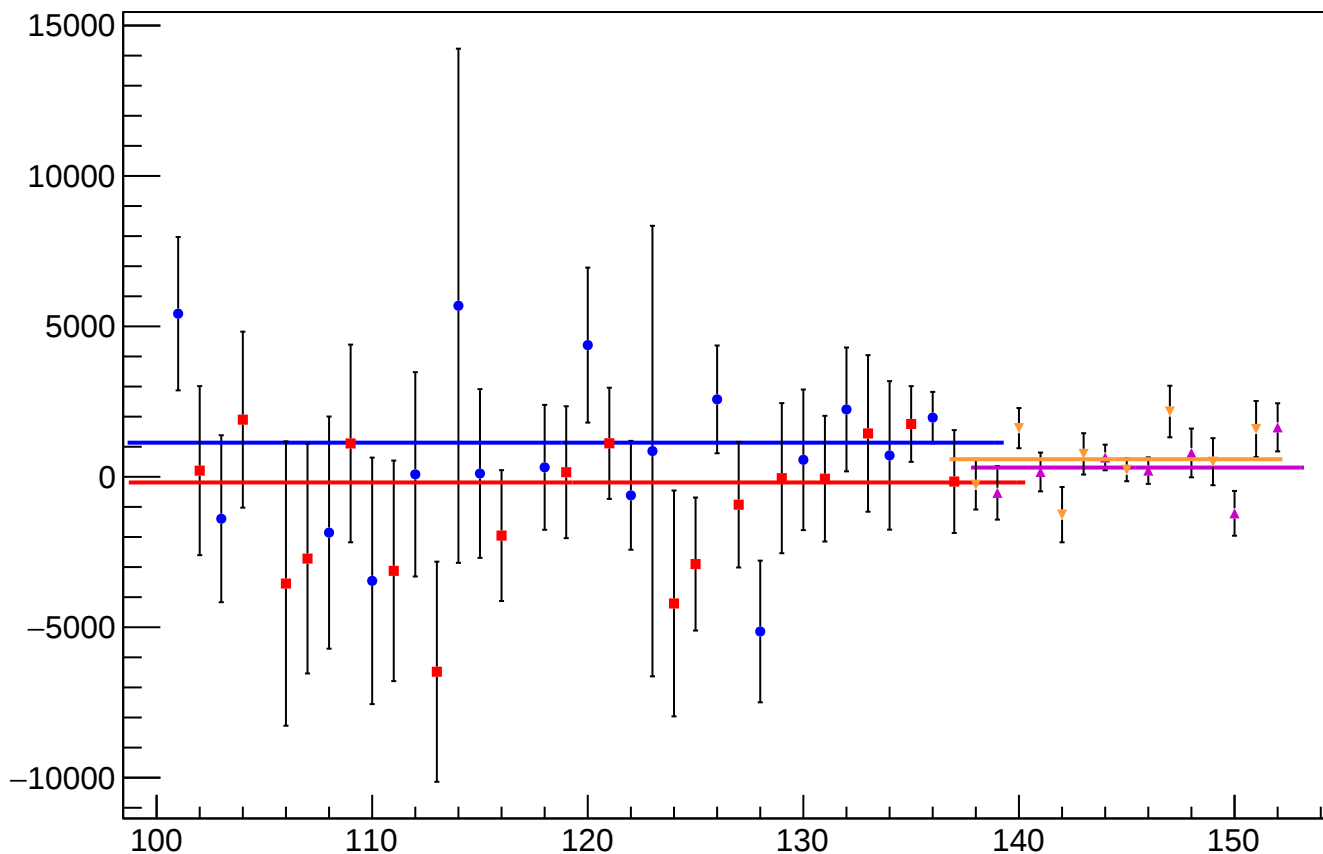
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 675.403+/-0.153 χ^2/NDF : 5441029.5/23

Out: 633.900+/-0.147 χ^2/NDF : 7135706.3/25

All: 653.754+/-0.106 χ^2/NDF : 12614894.0/49

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 586.036 $\pm$ 235.189 χ^2 /NDF:13.0/7

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 307.789 $\pm$ 228.075 χ^2 /NDF:9.0/6

Left: 442.641 $\pm$ 163.730 χ^2 /NDF: 22.7/14

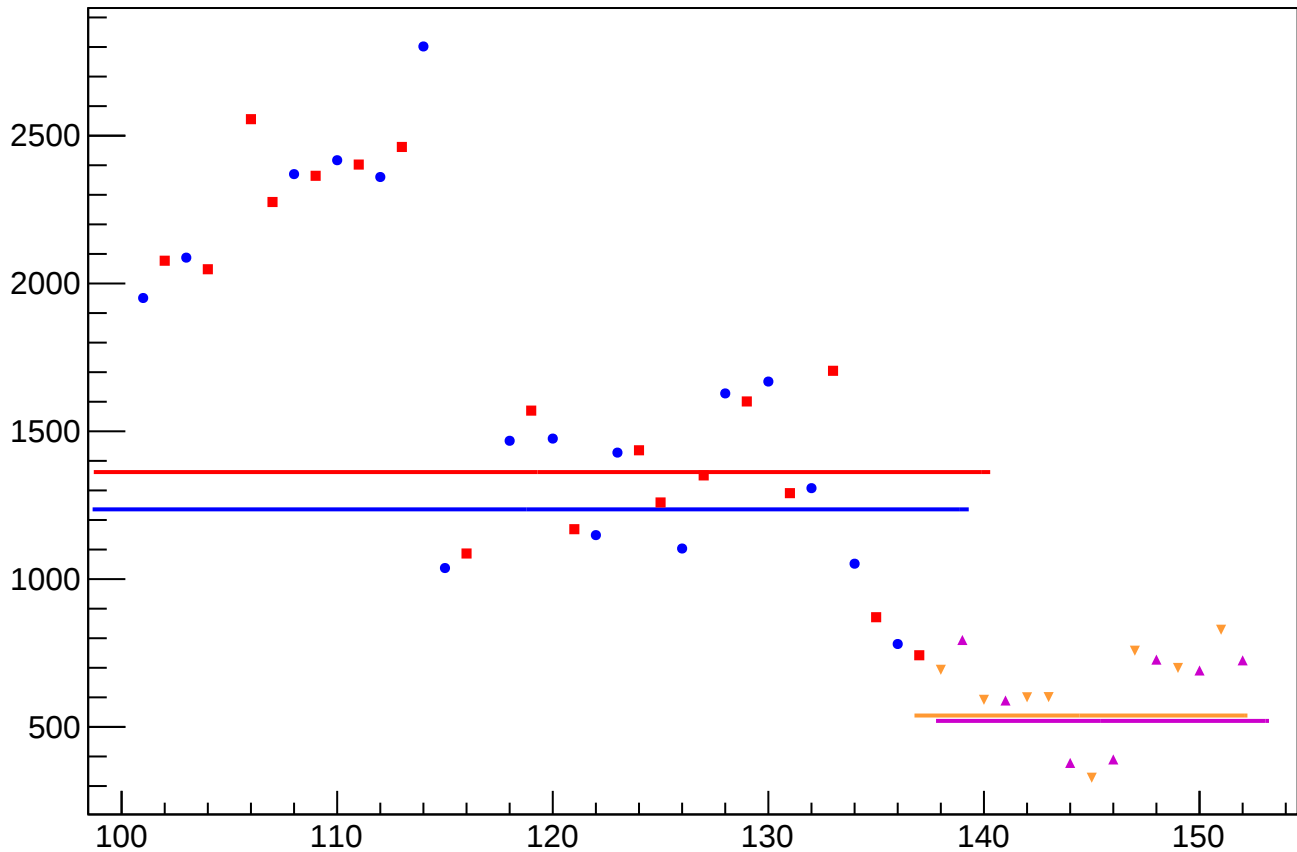
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 444.005 $\pm$ 208.457 χ^2 /NDF:28.9/23

Out: 465.788 $\pm$ 216.137 χ^2 /NDF:26.7/25

All: 454.503 $\pm$ 150.043 χ^2 /NDF: 55.6/49

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 538.535 $\pm$ 0.166 χ^2 /NDF: 1129917.5/7

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 520.354 $\pm$ 0.161 χ^2 /NDF: 977179.3/6

Left: 529.165 $\pm$ 0.116 χ^2 /NDF: 2113256.7/14

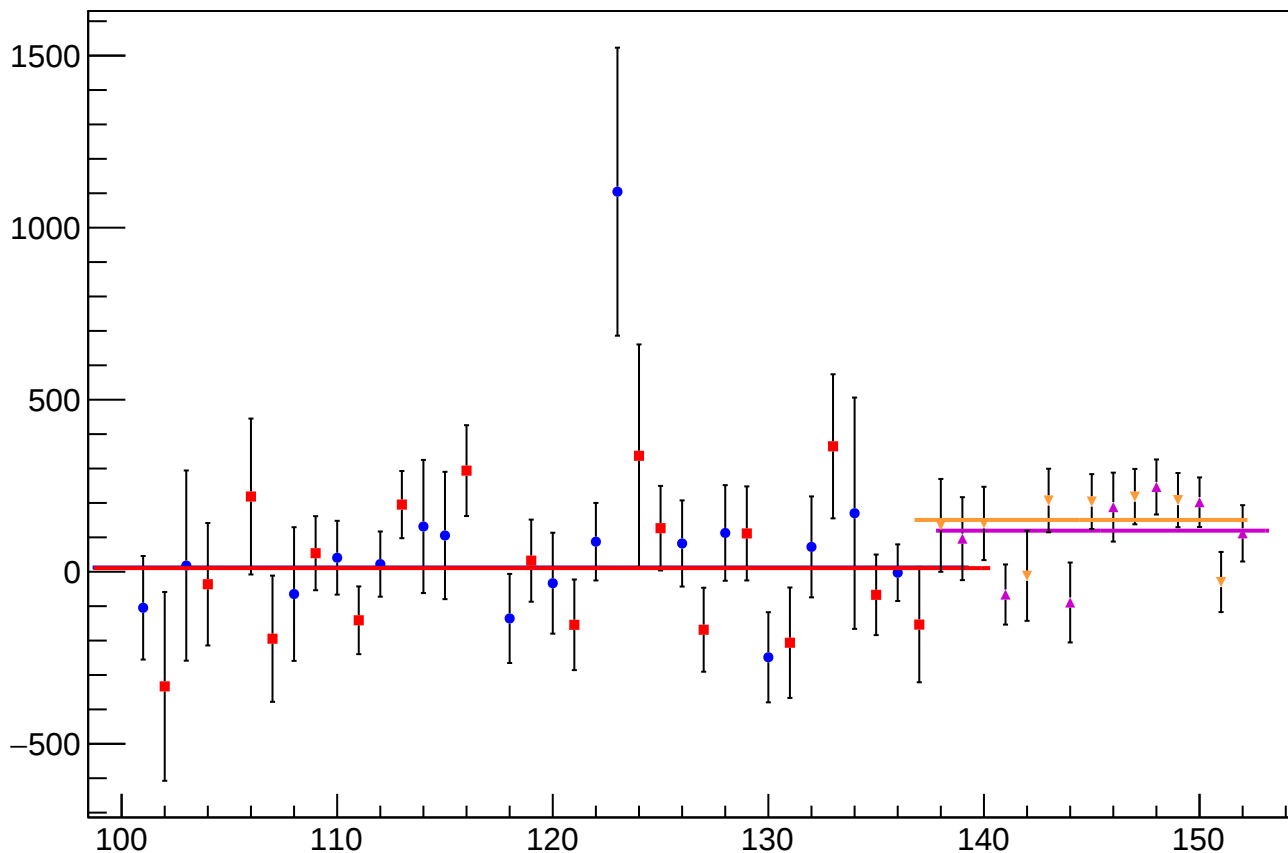
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 638.157 $\pm$ 0.147 χ^2 /NDF: 5964019.7/23

Out: 666.558 $\pm$ 0.153 χ^2 /NDF: 6651387.9/25

All: 651.844 $\pm$ 0.106 χ^2 /NDF: 12633298.6/49

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: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 119.467+/-33.864 χ^2/NDF : 12.1/6

Left: 135.475+/-23.604 χ^2/NDF : 20.4/14

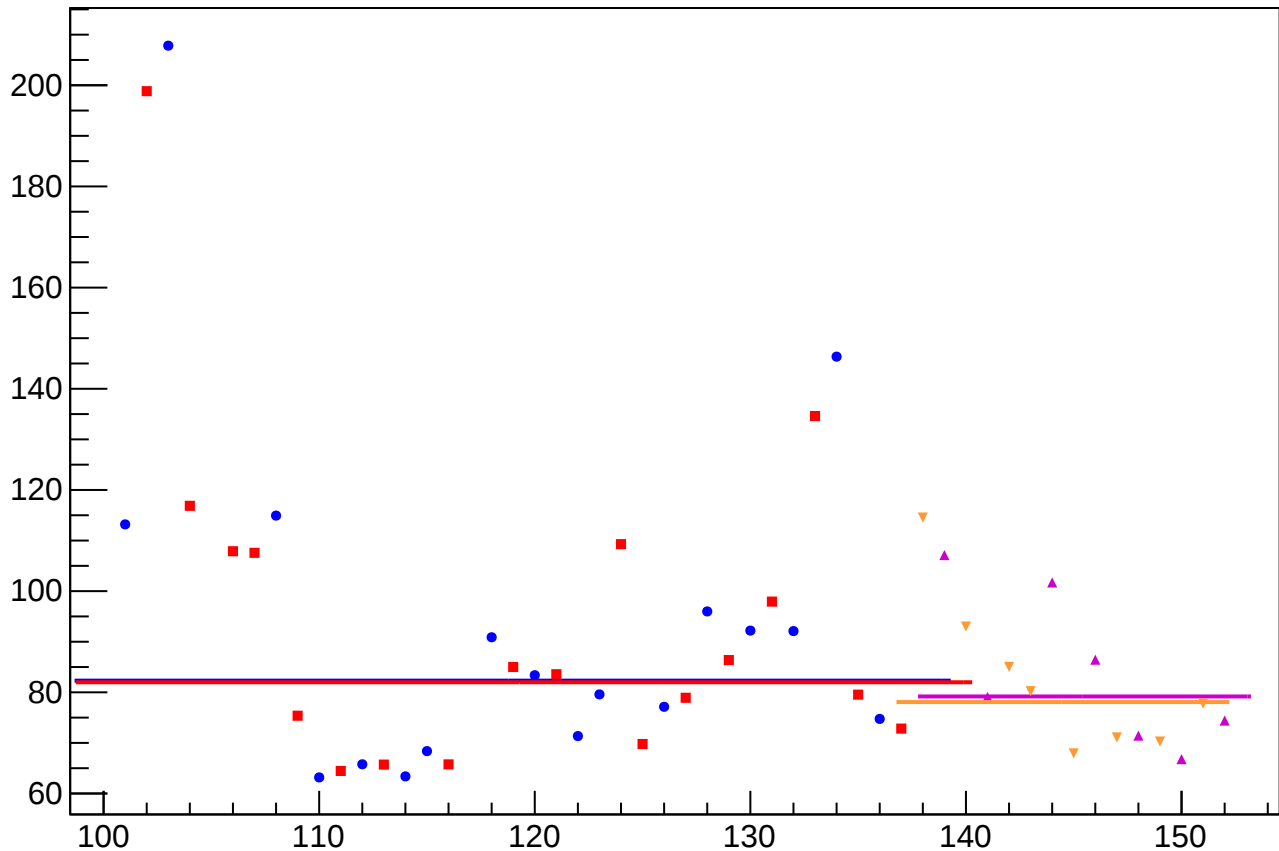
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 64.872+/-23.717 χ^2/NDF : 32.6/23

Out: 79.930+/-23.165 χ^2/NDF : 43.8/25

All: 72.578+/-16.572 χ^2/NDF : 76.5/49

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 78.073 $\pm$ 0.023 χ^2 /NDF: 259300.7/7

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 79.180 $\pm$ 0.024 χ^2 /NDF: 278041.8/6

Left: 78.611 $\pm$ 0.017 χ^2 /NDF: 538440.6/14

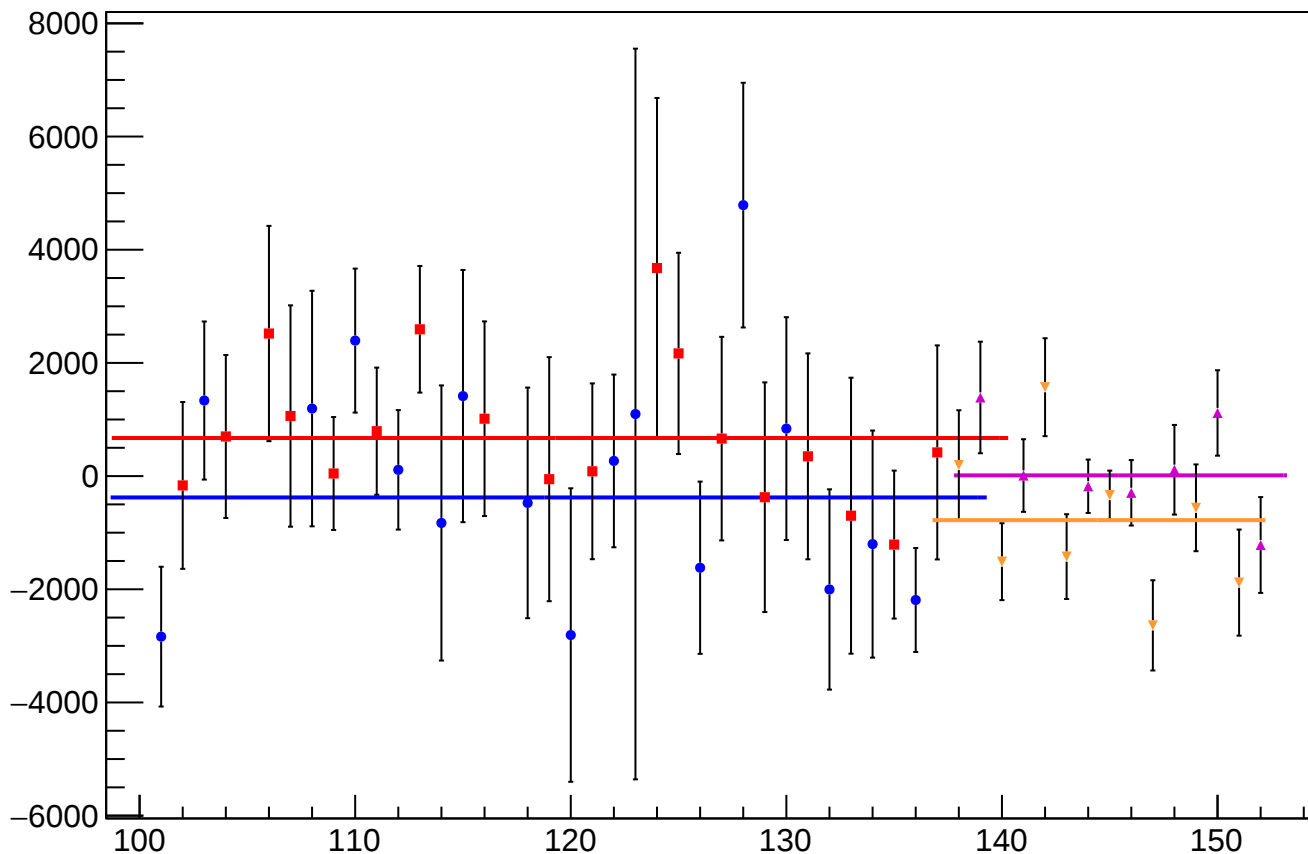
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 80.772 $\pm$ 0.017 χ^2 /NDF: 1155468.3/23

Out: 80.049 $\pm$ 0.016 χ^2 /NDF: 1126792.5/25

All: 80.402 $\pm$ 0.012 χ^2 /NDF: 2283213.4/49

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: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 12.852 ± 252.507 $\chi^2/\text{NDF}: 6.7/6$

Left: -388.219 ± 177.365 $\chi^2/\text{NDF}: 29.9/14$

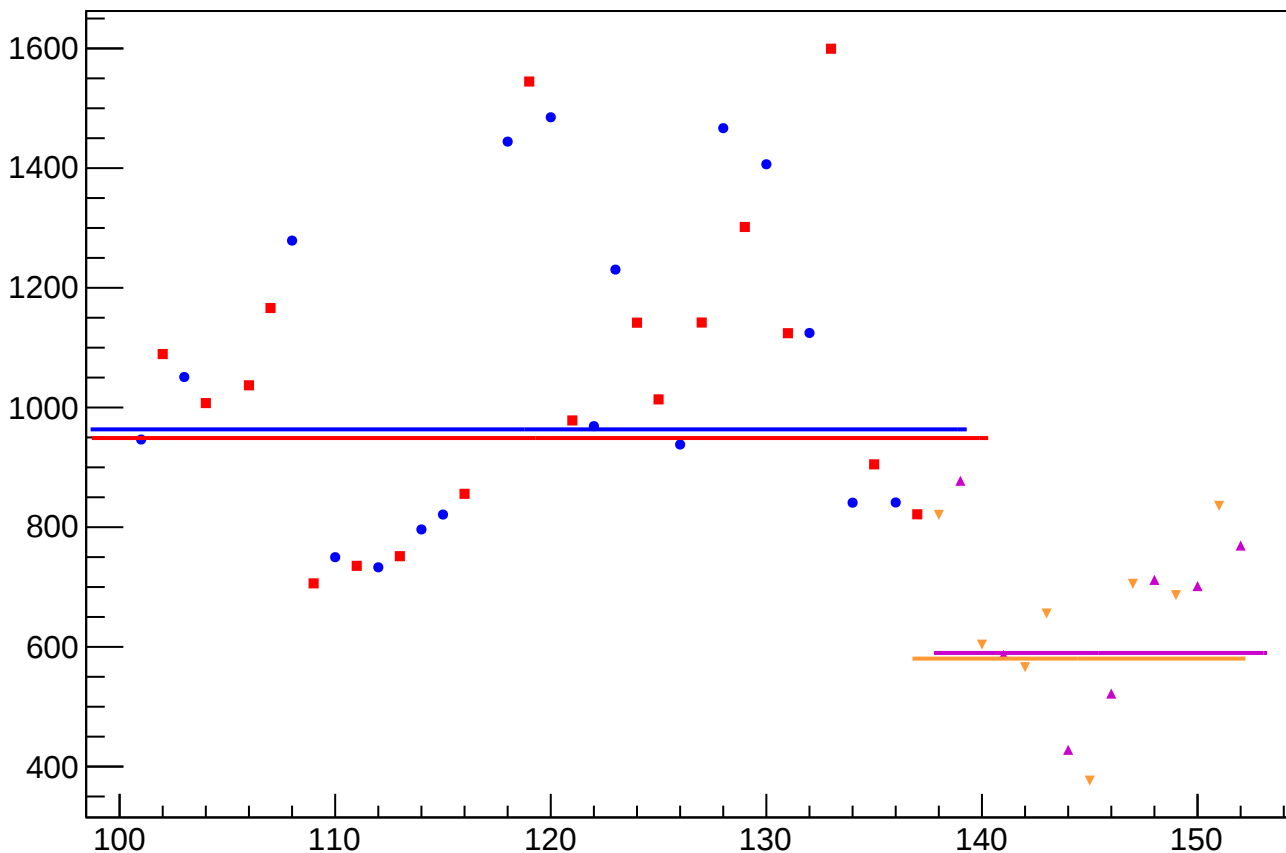
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -104.977 ± 210.963 $\chi^2/\text{NDF}: 31.8/23$

Out: -323.402 ± 206.445 $\chi^2/\text{NDF}: 38.3/25$

All: -216.553 ± 147.550 $\chi^2/\text{NDF}: 70.6/49$

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: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 589.851+/-0.179 χ^2/NDF : 614735.8/6

Left: 585.072+/-0.125 χ^2/NDF : 1442104.0/14

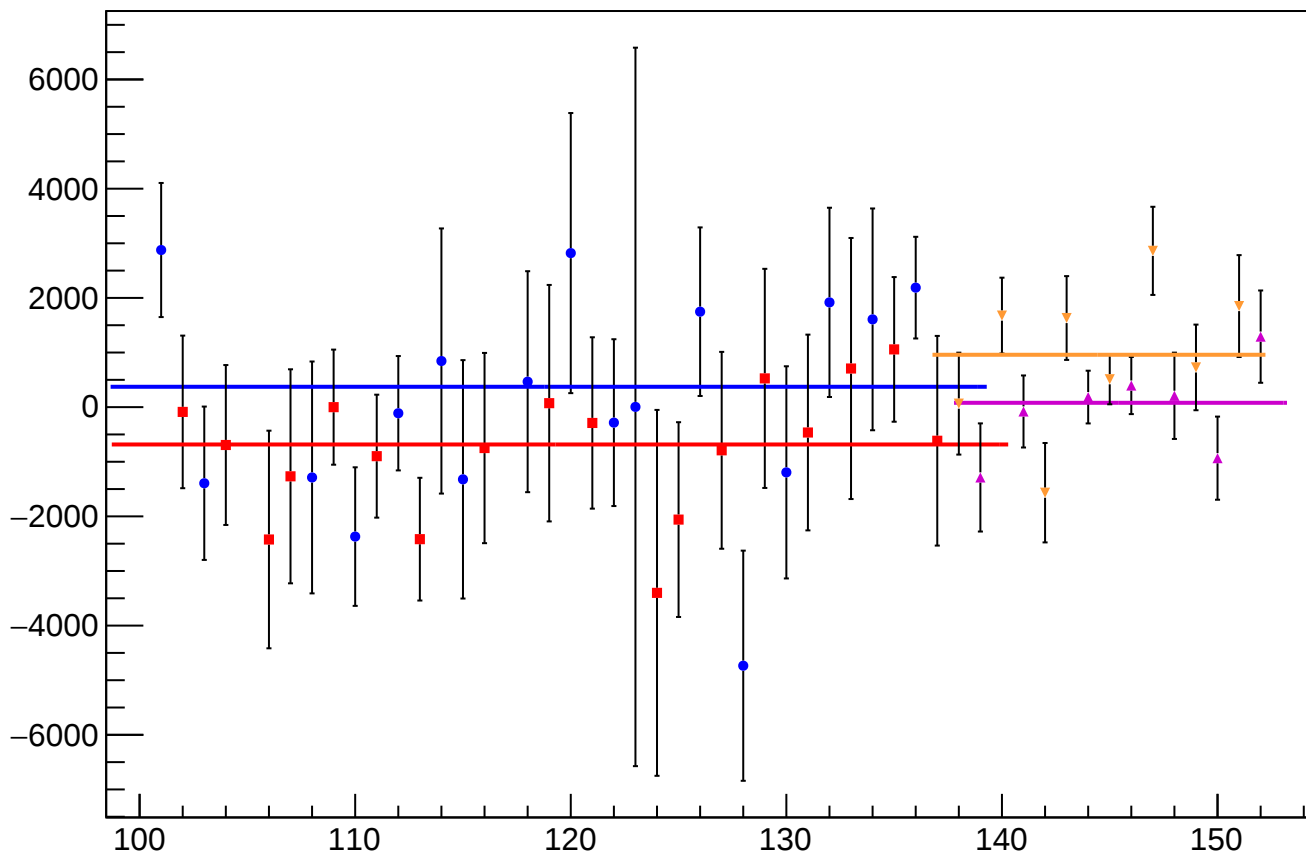
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 702.677+/-0.149 χ^2/NDF : 2625888.2/23

Out: 696.007+/-0.146 χ^2/NDF : 2927326.0/25

All: 699.270+/-0.104 χ^2/NDF : 5554235.3/49

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: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 79.395+/-250.025 χ^2/NDF :6.2/6

Left: 507.822+/-179.059 χ^2/NDF : 30.2/14

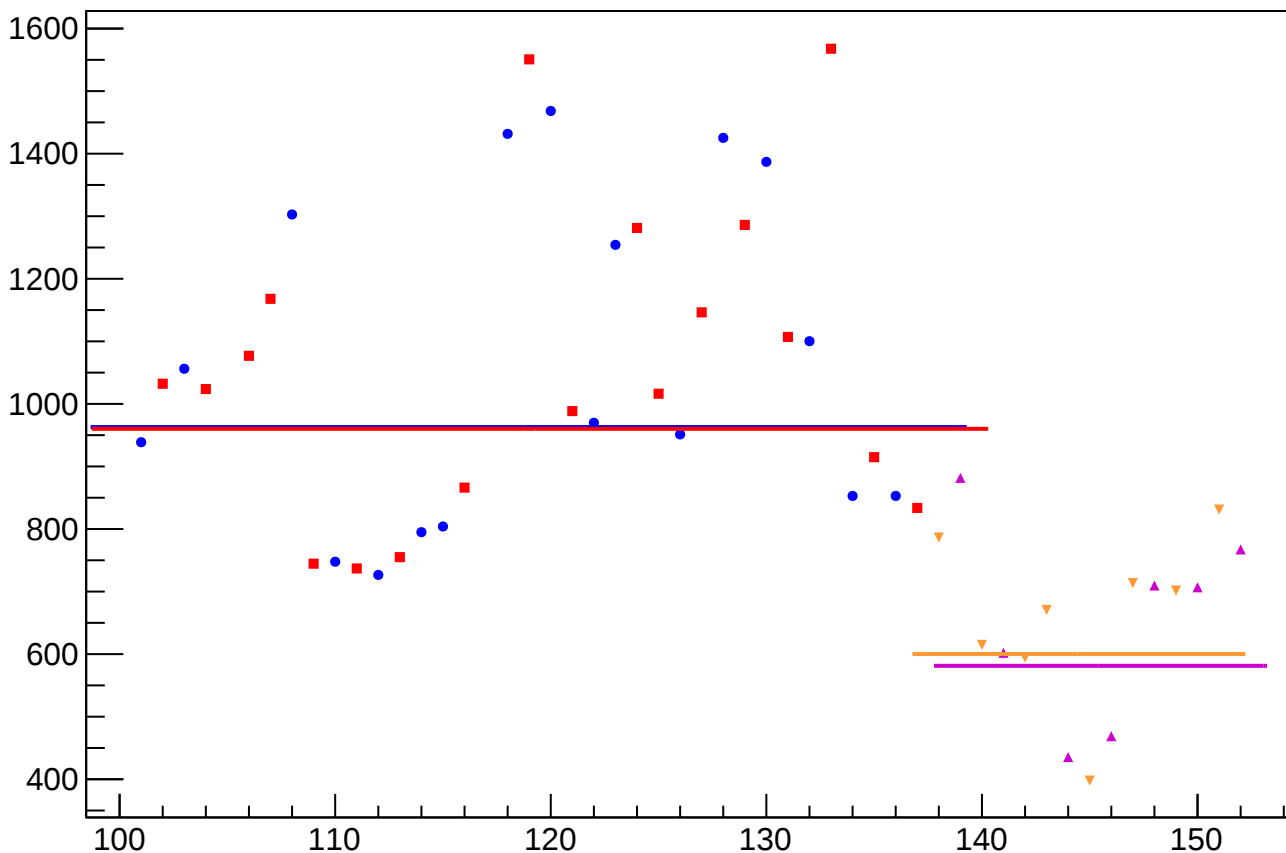
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 166.886+/-209.471 χ^2/NDF :31.9/23

Out: 430.292+/-211.275 χ^2/NDF :38.9/25

All: 297.460+/-148.752 χ^2/NDF : 71.6/49

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 600.191 $\pm$ 0.181 χ^2 /NDF: 681751.3/7

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 581.307 $\pm$ 0.177 χ^2 /NDF: 665612.4/6

Left: 590.506 $\pm$ 0.127 χ^2 /NDF: 1352921.6/14

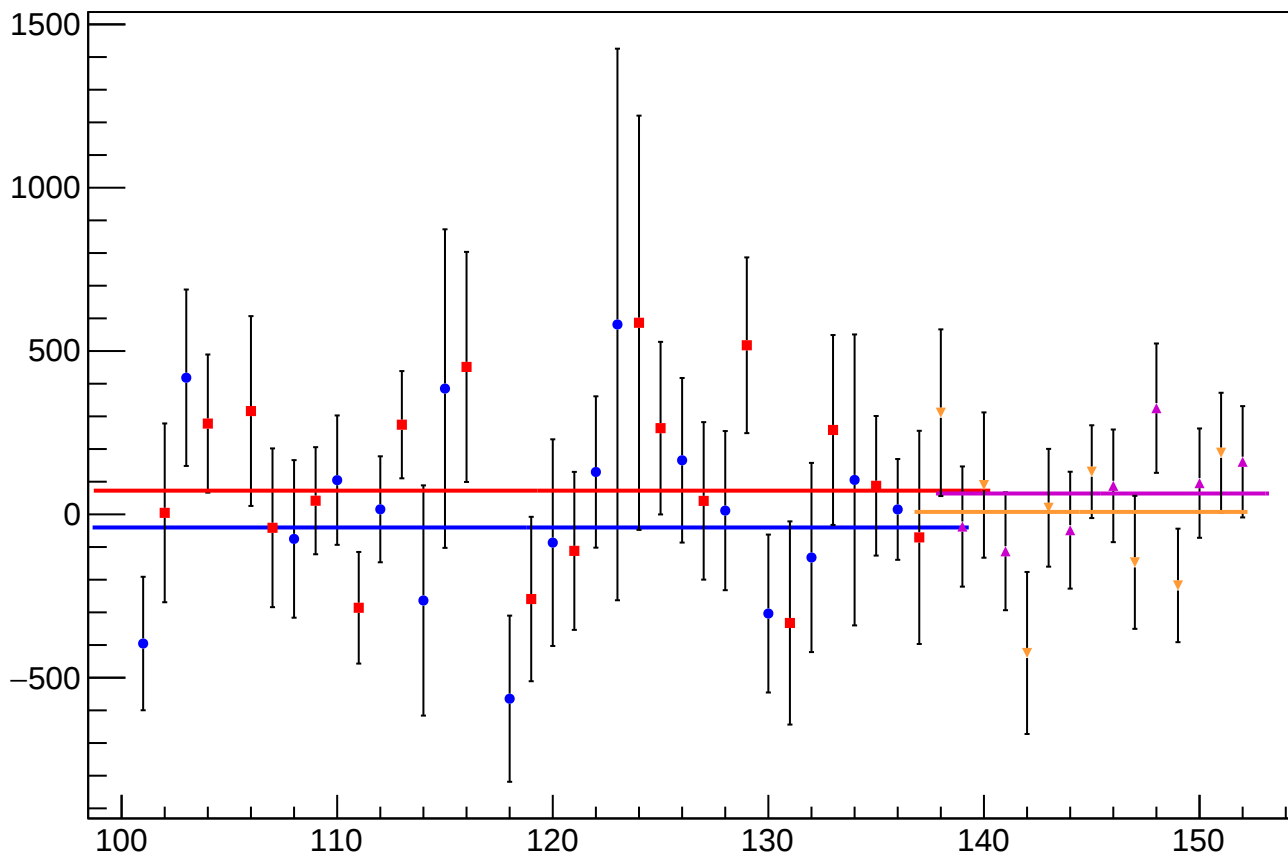
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 695.078 $\pm$ 0.148 χ^2 /NDF: 2722369.5/23

Out: 716.061 $\pm$ 0.149 χ^2 /NDF: 2620331.0/25

All: 705.479 $\pm$ 0.105 χ^2 /NDF: 5352648.9/49

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 7.529 ± 67.555 $\chi^2/\text{NDF}: 8.6/7$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 63.871 ± 67.293 $\chi^2/\text{NDF}: 3.8/6$

Left: 35.810 ± 47.676 $\chi^2/\text{NDF}: 12.7/14$

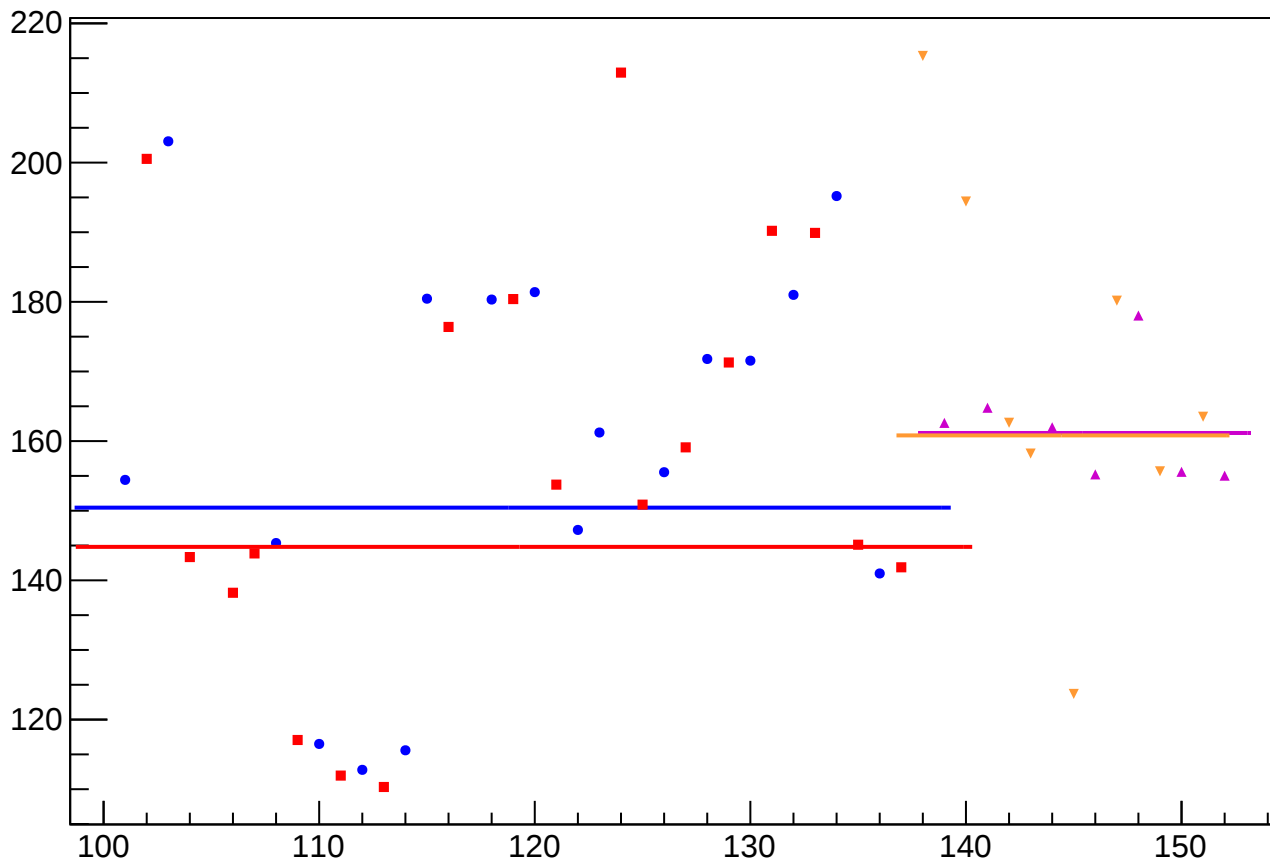
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 5.297 ± 44.472 $\chi^2/\text{NDF}: 20.4/23$

Out: 45.926 ± 43.256 $\chi^2/\text{NDF}: 26.7/25$

All: 26.174 ± 31.007 $\chi^2/\text{NDF}: 47.6/49$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.818 $\pm$ 0.048 χ^2 /NDF:294378.9/7

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.166 $\pm$ 0.048 χ^2 /NDF:22684.6/6

Left: 160.993 $\pm$ 0.034 χ^2 /NDF: 317090.2/14

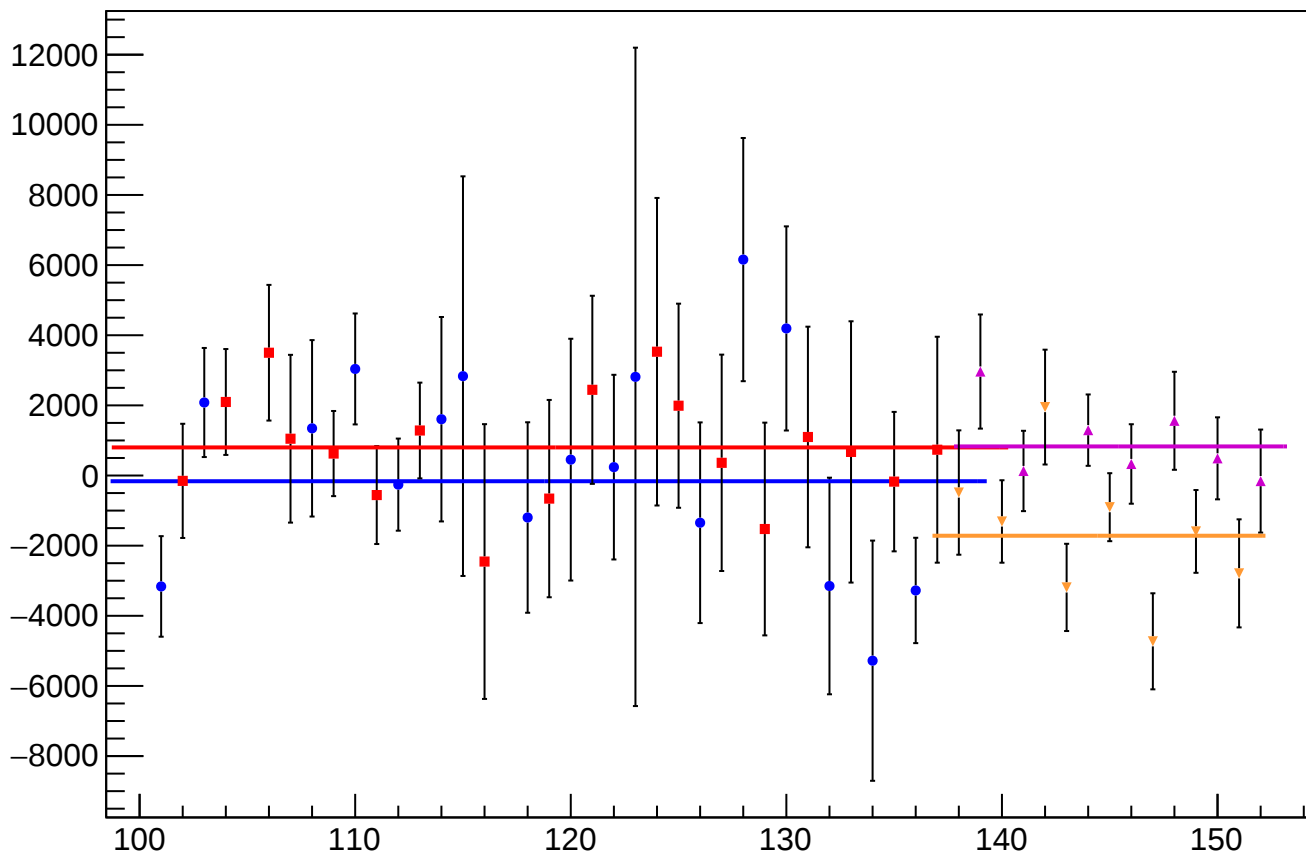
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 155.125 $\pm$ 0.031 χ^2 /NDF:451416.1/23

Out: 151.371 $\pm$ 0.031 χ^2 /NDF:864524.4/25

All: 153.196 $\pm$ 0.022 χ^2 /NDF: 1323264.2/49

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: 801.139+/-486.610 χ^2/NDF : 6.9/17

Left In: 829.525+/-466.696 χ^2/NDF :3.3/6

Left: -471.770+/-326.353 χ^2/NDF : 31.6/14

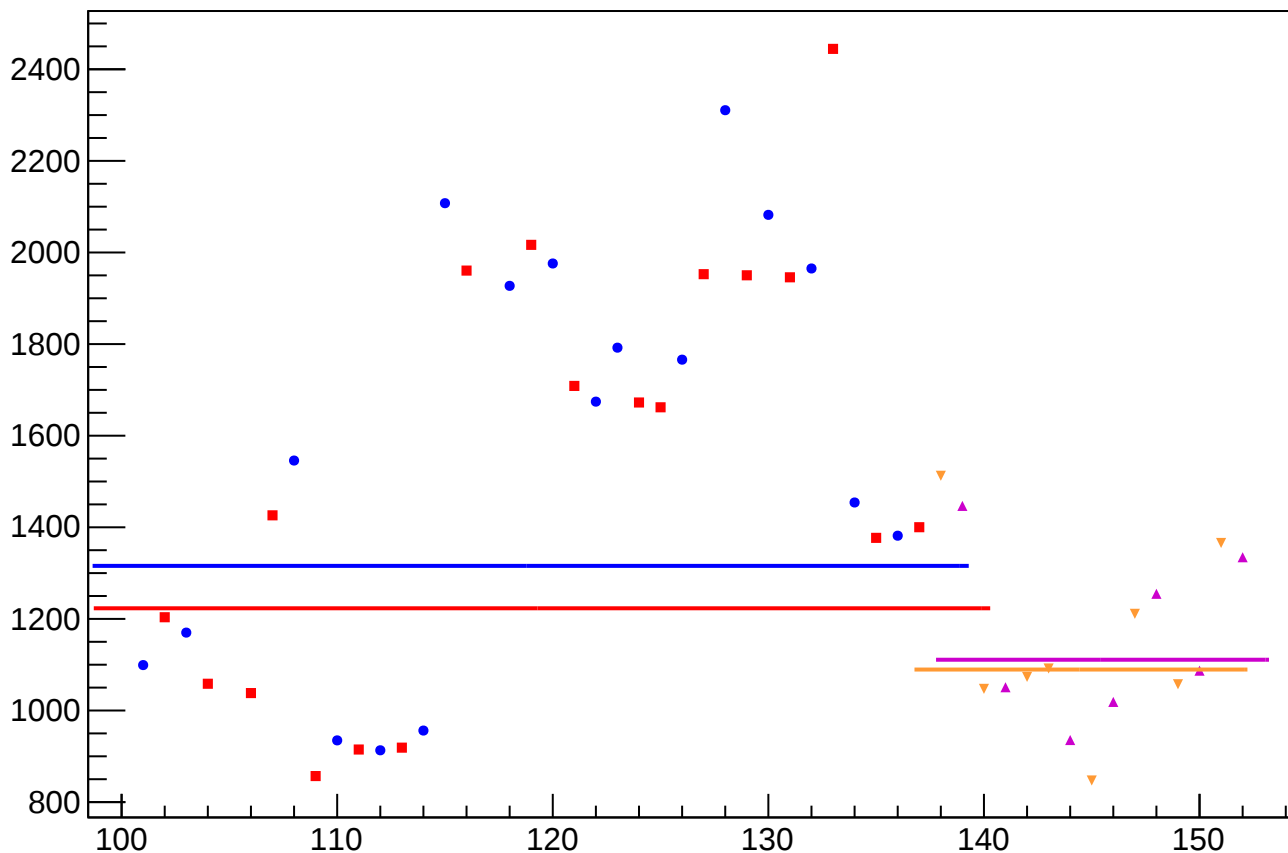
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 399.036+/-351.167 χ^2/NDF :30.3/23

Out: -538.156+/-332.945 χ^2/NDF :34.2/25

All: -94.506+/-241.613 χ^2/NDF : 68.3/49

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: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1110.861+/-0.330 χ^2/NDF : 231744.8/6

Left: 1099.910+/-0.231 χ^2/NDF : 557042.2/14

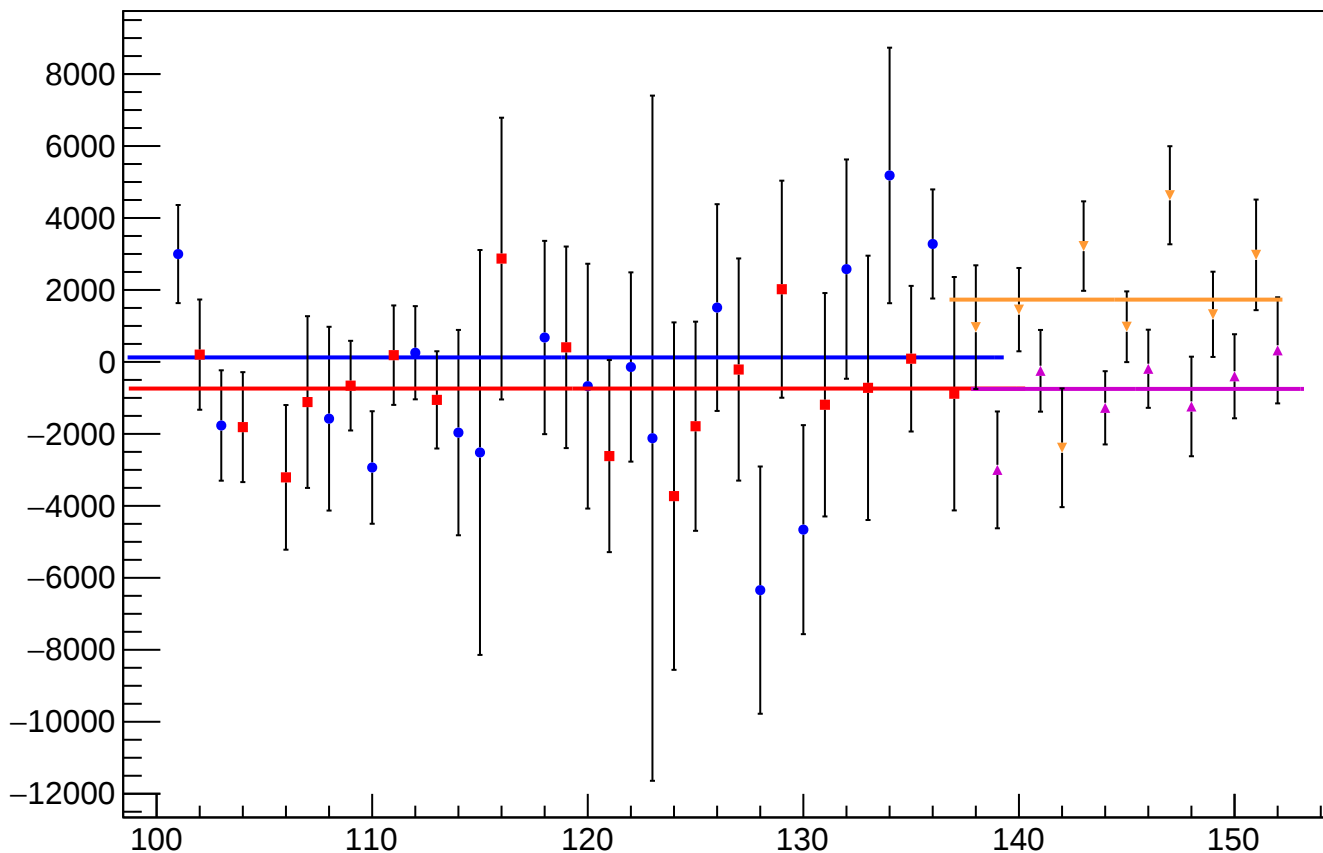
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1199.760+/-0.248 χ^2/NDF : 1517373.4/23

Out: 1152.045+/-0.235 χ^2/NDF : 1766555.8/25

All: 1174.632+/-0.171 χ^2/NDF : 3303374.3/49

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1731.433 $\pm$ 456.031 χ^2 /NDF:13.8/7

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -749.891 $\pm$ 462.082 χ^2 /NDF:3.4/6

Left: 507.123 $\pm$ 324.581 χ^2 /NDF: 31.8/14

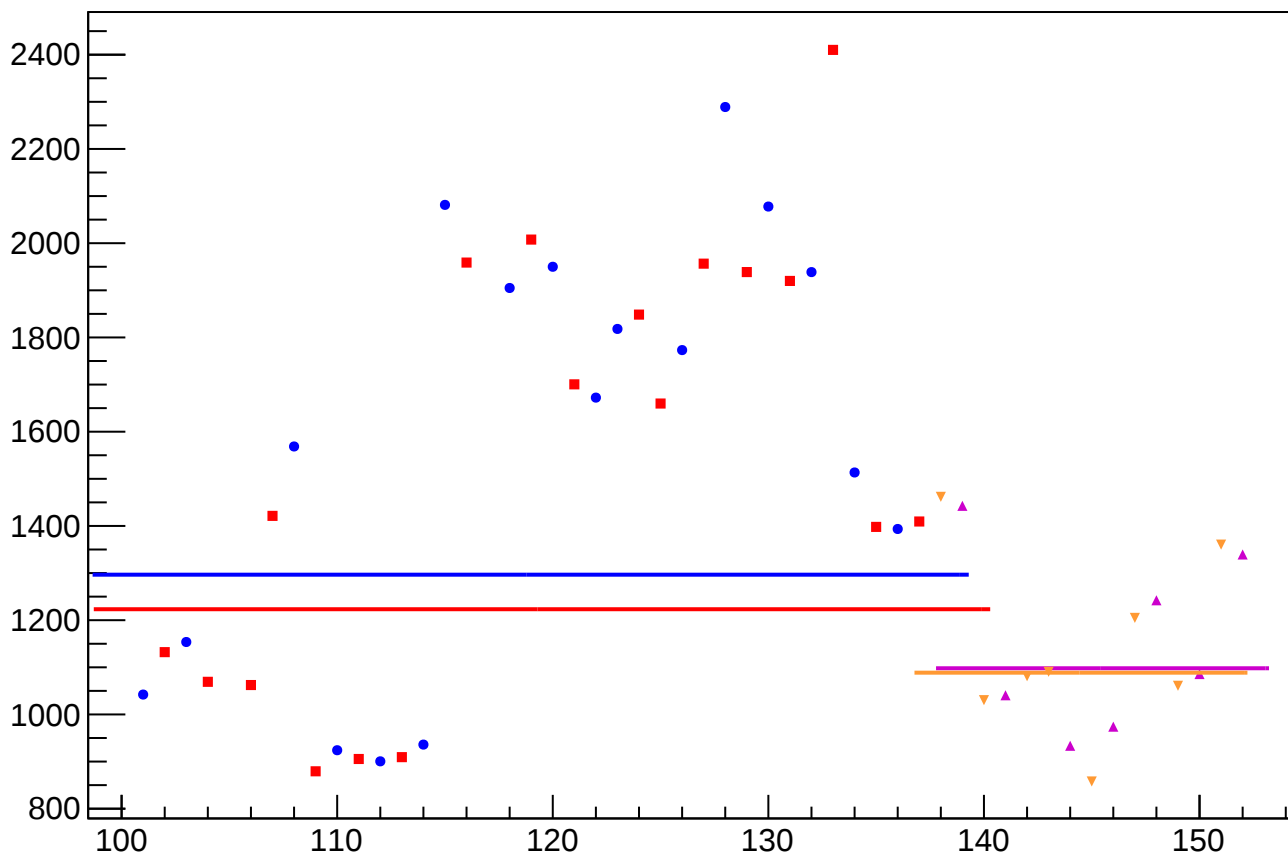
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -369.296 $\pm$ 347.382 χ^2 /NDF:29.6/23

Out: 576.326 $\pm$ 332.811 χ^2 /NDF:33.5/25

All: 123.762 $\pm$ 240.319 χ^2 /NDF: 67.0/49

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: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1097.988+/-0.327 χ^2/NDF : 249133.9/6

Left: 1093.254+/-0.230 χ^2/NDF : 537479.2/14

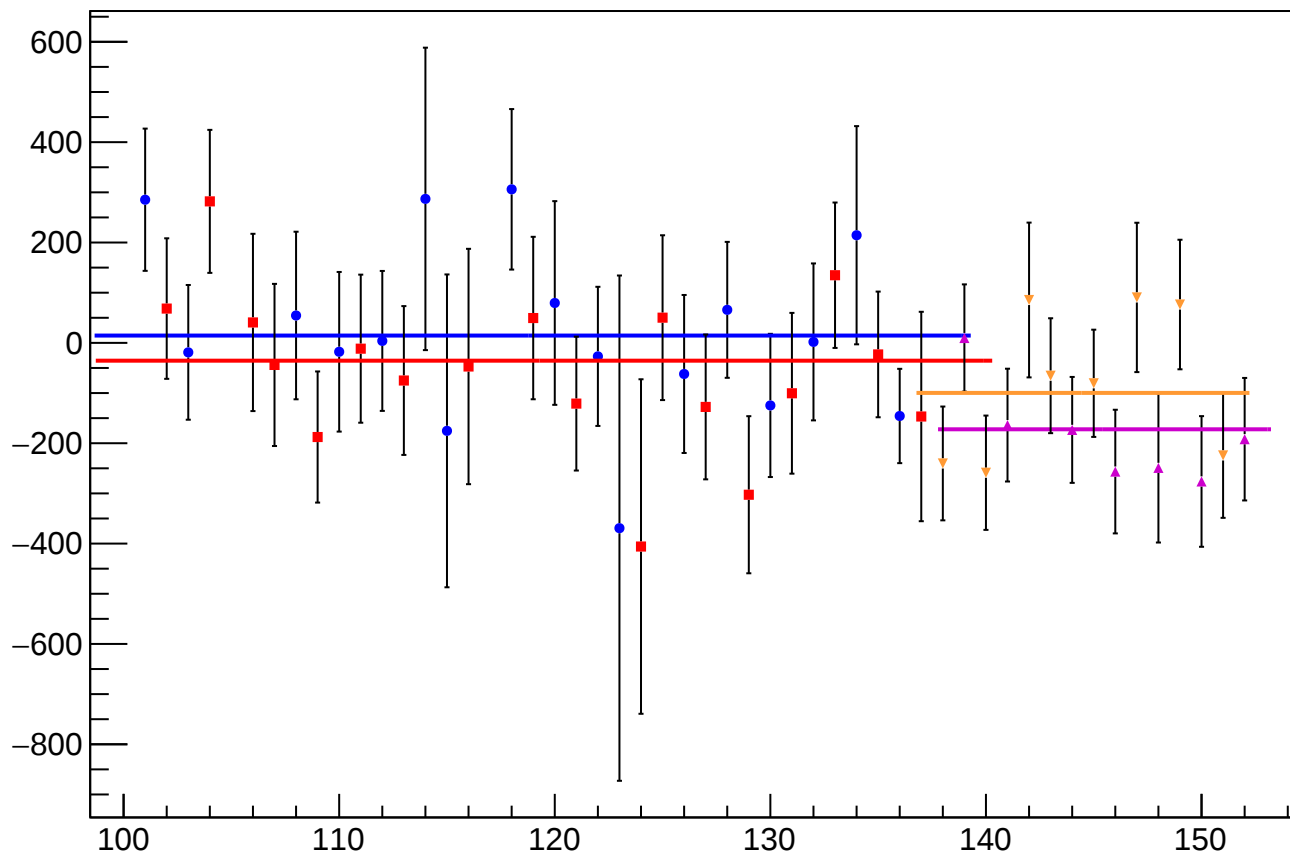
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1184.339+/-0.246 χ^2/NDF : 1585222.9/23

Out: 1151.569+/-0.235 χ^2/NDF : 1716093.2/25

All: 1167.252+/-0.170 χ^2/NDF : 3310596.3/49

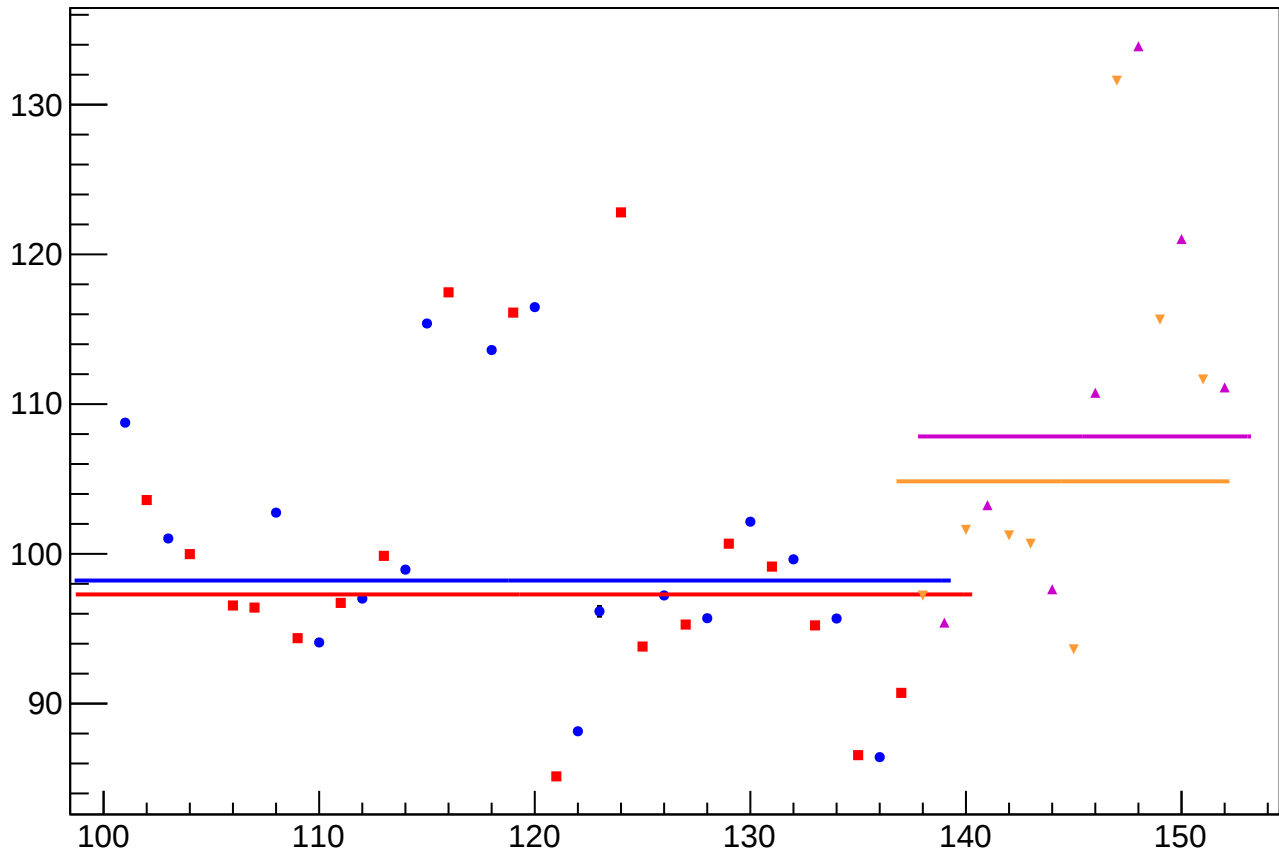
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 χ^2/NDF : 14.2/16
 Left Out: -99.706 ± 43.419 χ^2/NDF : 9.5/7
 Right Out: -35.475 ± 36.728 χ^2/NDF : 14.5/17
 Left In: -172.231 ± 45.010 χ^2/NDF : 4.3/6

Left: -134.663 ± 31.249 χ^2/NDF : 15.2/14
 Right: -11.312 ± 26.414 χ^2/NDF : 29.6/34
 In: -63.202 ± 29.043 χ^2/NDF : 28.5/23
 Out: -62.265 ± 28.041 χ^2/NDF : 25.3/25
 All: -62.717 ± 20.173 χ^2/NDF : 53.9/49

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: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 107.841+/-0.032 χ^2/NDF : 133516.6/6

Left: 106.288+/-0.022 χ^2/NDF : 259207.3/14

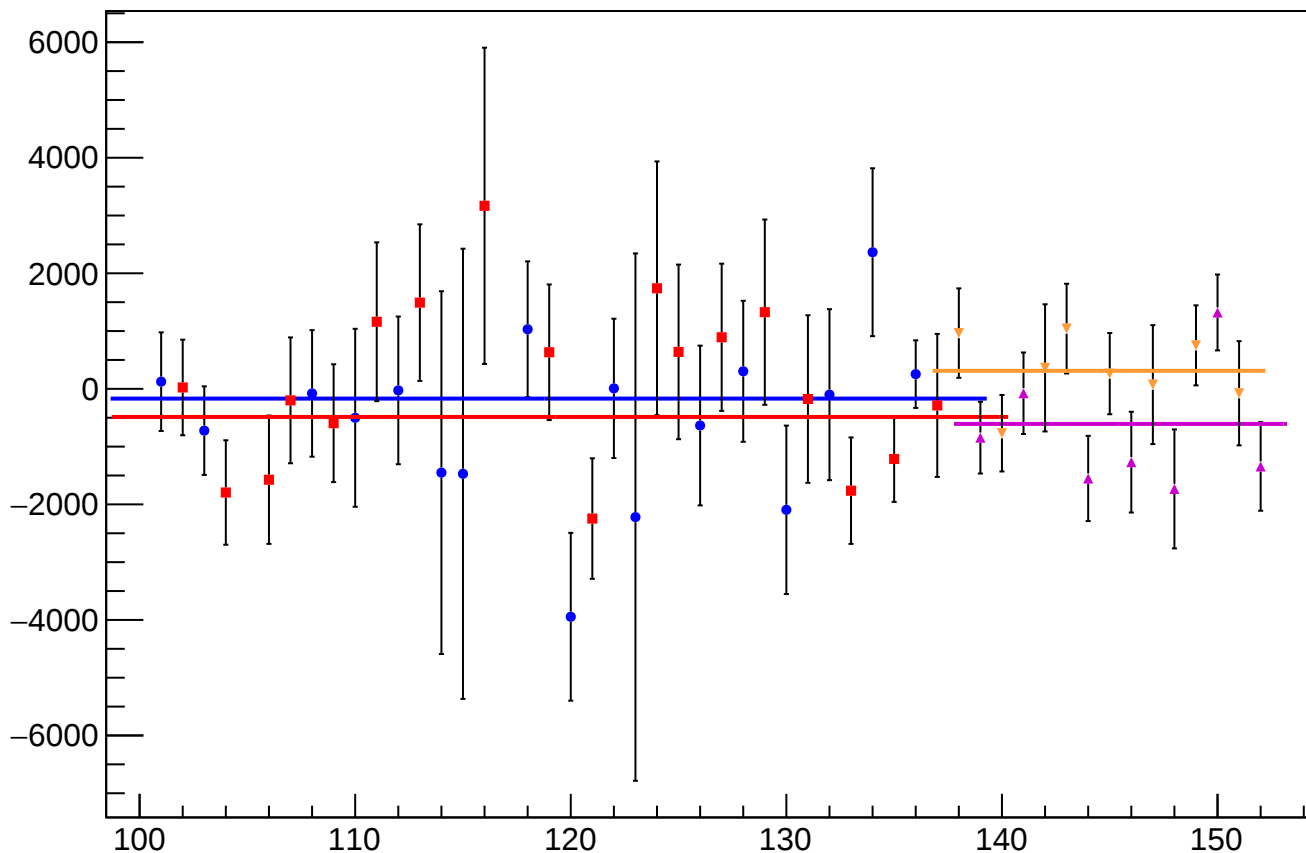
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 102.225+/-0.021 χ^2/NDF : 287373.5/23

Out: 100.440+/-0.020 χ^2/NDF : 252582.6/25

All: 101.302+/-0.014 χ^2/NDF : 543865.5/49

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: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -607.143 ± 280.434 $\chi^2/\text{NDF}: 13.7/6$

Left: -147.737 ± 198.299 $\chi^2/\text{NDF}: 23.9/14$

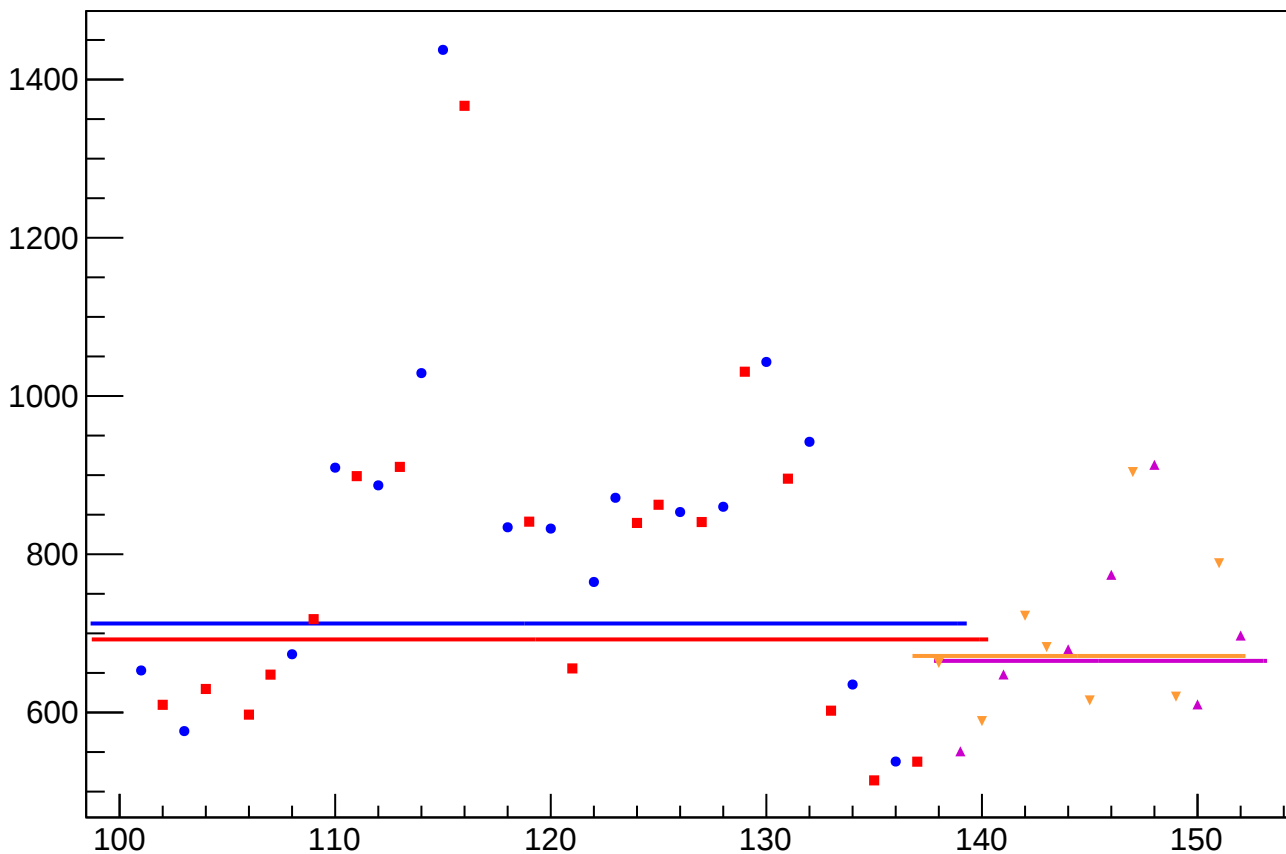
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -389.331 ± 198.911 $\chi^2/\text{NDF}: 29.5/23$

Out: -105.389 ± 193.757 $\chi^2/\text{NDF}: 28.7/25$

All: -243.634 ± 138.793 $\chi^2/\text{NDF}: 59.3/49$

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: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 665.236+/-0.198 χ^2/NDF : 234187.2/6

Left: 668.344+/-0.140 χ^2/NDF : 430008.7/14

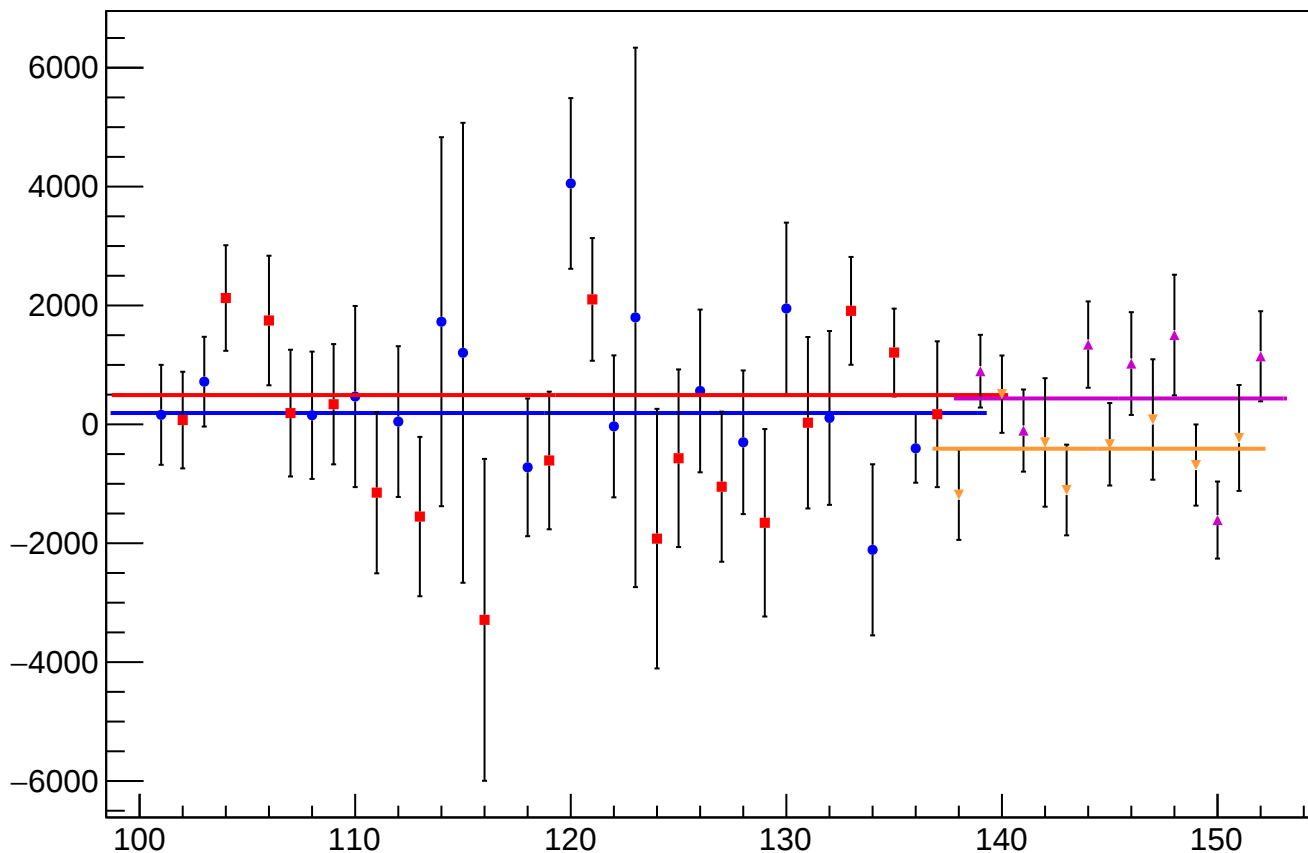
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 688.710+/-0.141 χ^2/NDF : 922908.2/23

Out: 682.371+/-0.137 χ^2/NDF : 858083.0/25

All: 685.457+/-0.098 χ^2/NDF : 1782033.3/49

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: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 435.696 $\pm$ 276.396 χ^2 /NDF:15.1/6

Left: 12.293 $\pm$ 195.289 χ^2 /NDF: 24.1/14

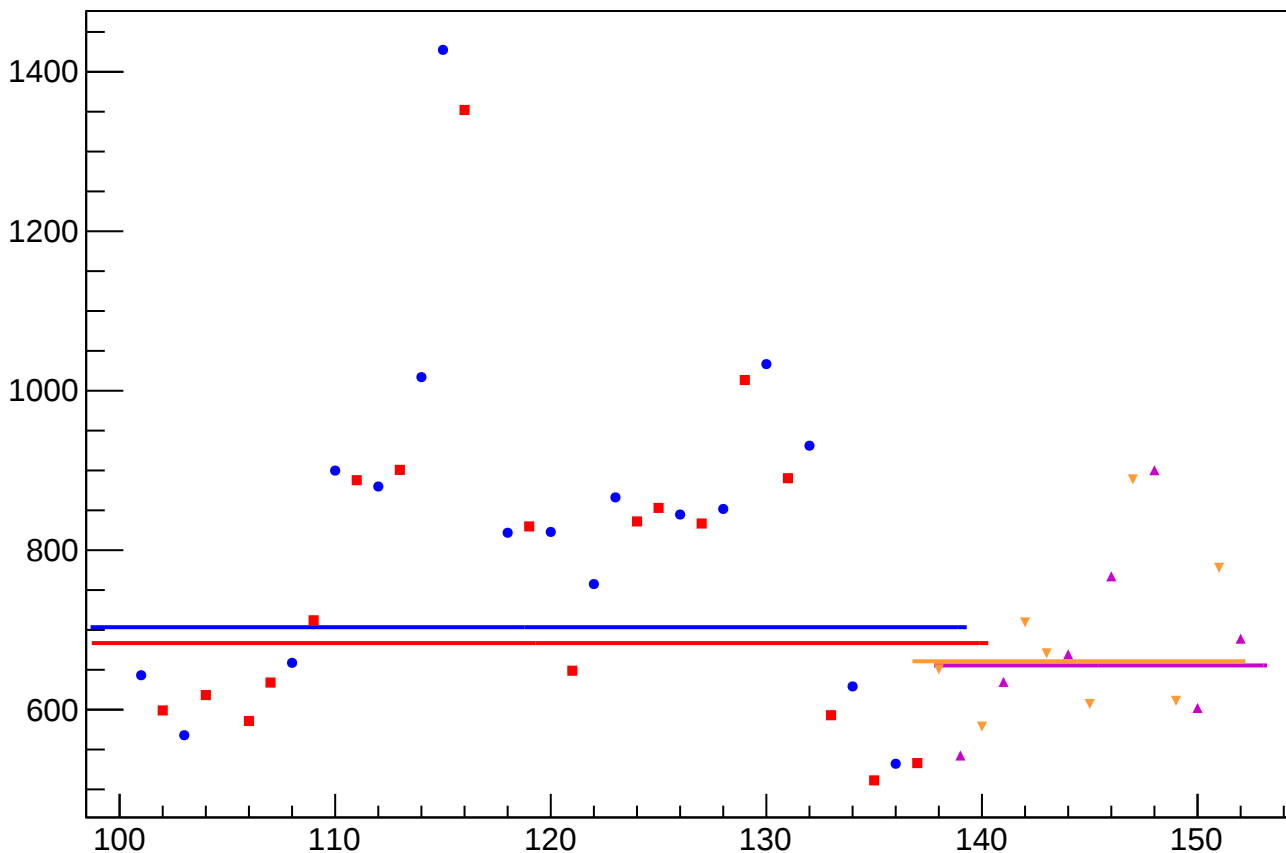
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 314.291 $\pm$ 196.240 χ^2 /NDF:29.7/23

Out: 60.414 $\pm$ 191.003 χ^2 /NDF:32.7/25

All: 183.920 $\pm$ 136.874 χ^2 /NDF: 63.2/49

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: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 655.454 $\pm$ 0.195 χ^2/NDF :237861.0/6

Left: 658.061 $\pm$ 0.138 χ^2/NDF : 433393.3/14

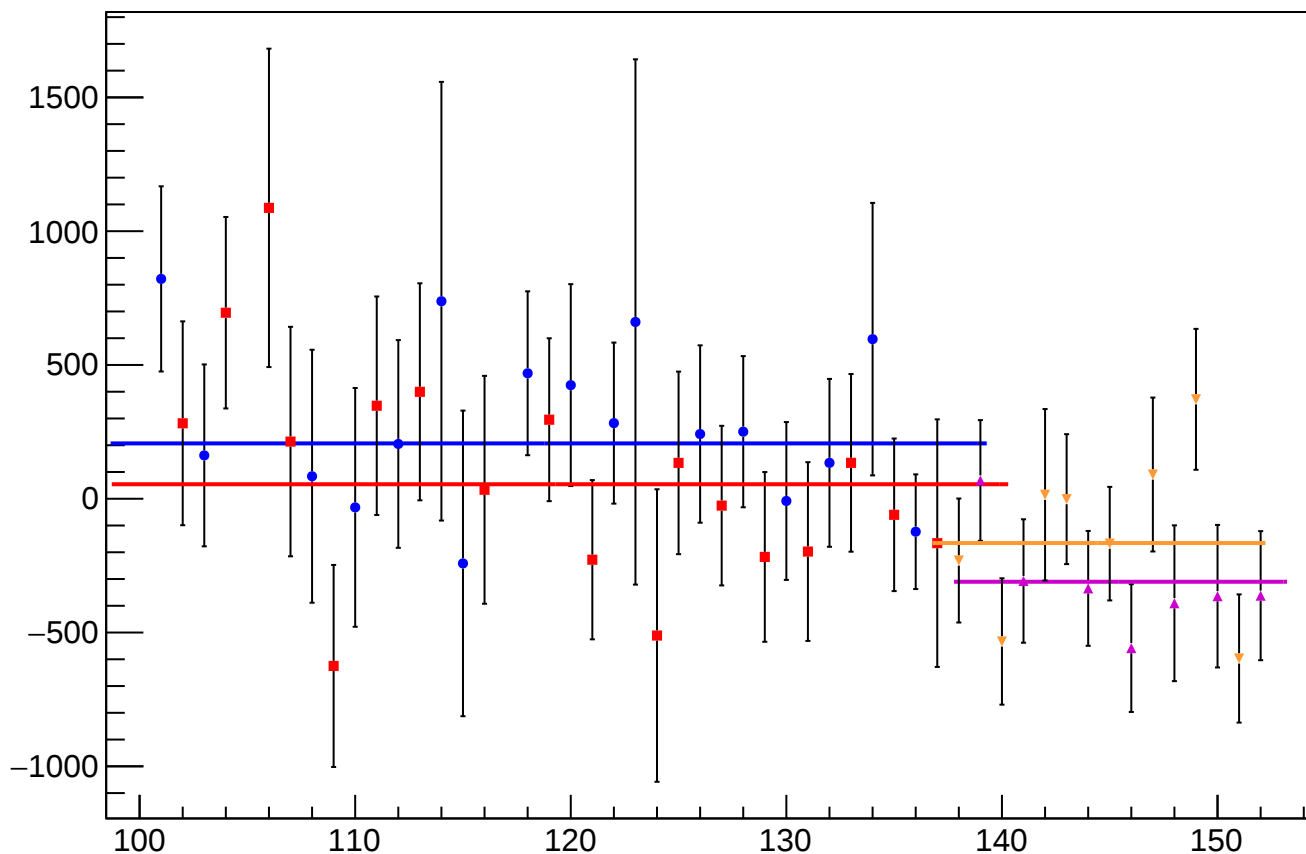
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 679.234 $\pm$ 0.139 χ^2/NDF :934599.0/23

Out: 672.555 $\pm$ 0.135 χ^2/NDF :861666.2/25

All: 675.804 $\pm$ 0.097 χ^2/NDF : 1797455.0/49

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$

Left Out: -165.518 ± 87.905 $\chi^2/\text{NDF}: 11.5/7$

Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$

Left In: -310.191 ± 90.997 $\chi^2/\text{NDF}: 4.1/6$

Left: -235.355 ± 63.223 $\chi^2/\text{NDF}: 16.9/14$

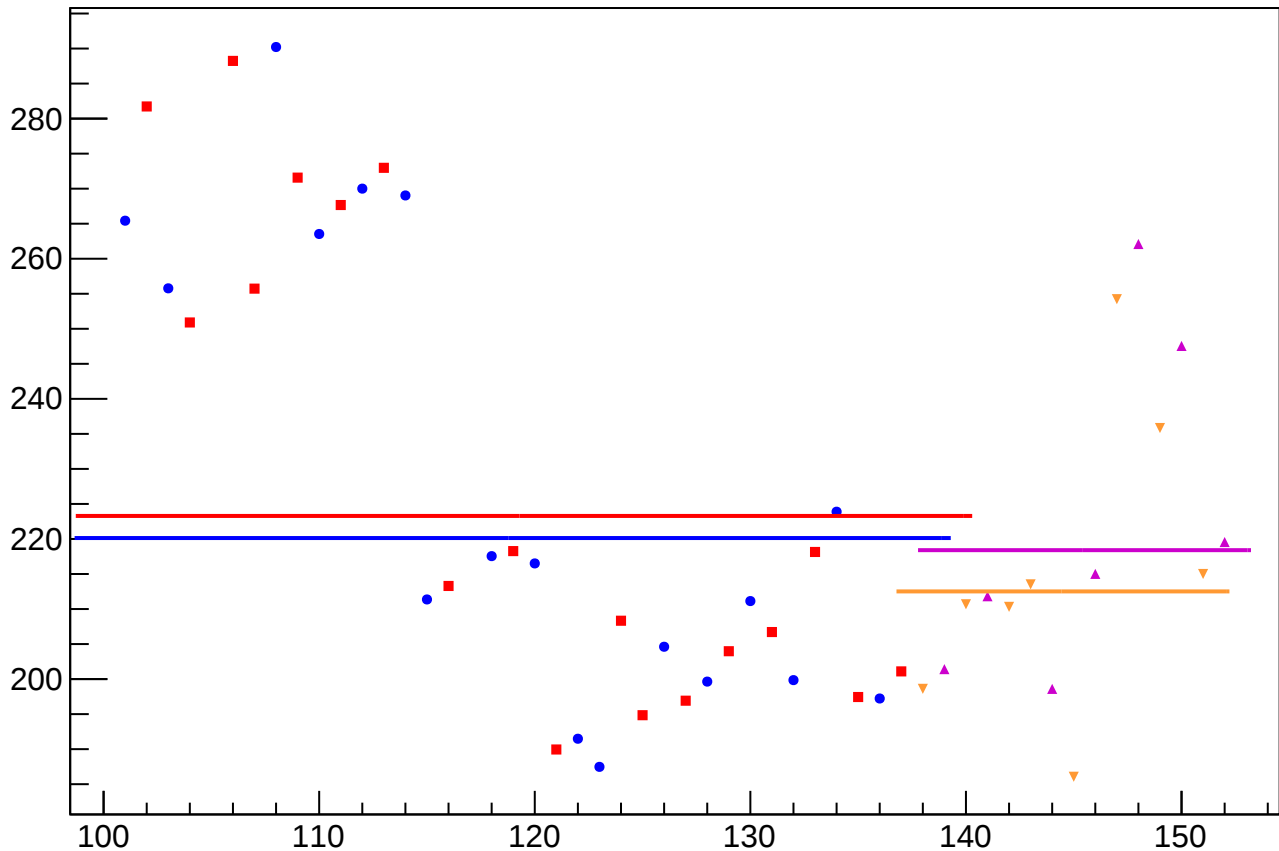
Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$

In: -35.965 ± 62.361 $\chi^2/\text{NDF}: 30.7/23$

Out: -52.223 ± 61.177 $\chi^2/\text{NDF}: 30.4/25$

All: -44.250 ± 43.671 $\chi^2/\text{NDF}: 61.1/49$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 212.515+/-0.062 χ^2/NDF : 96531.3/7

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 218.402+/-0.064 χ^2/NDF : 99412.6/6

Left: 215.357+/-0.045 χ^2/NDF : 200274.3/14

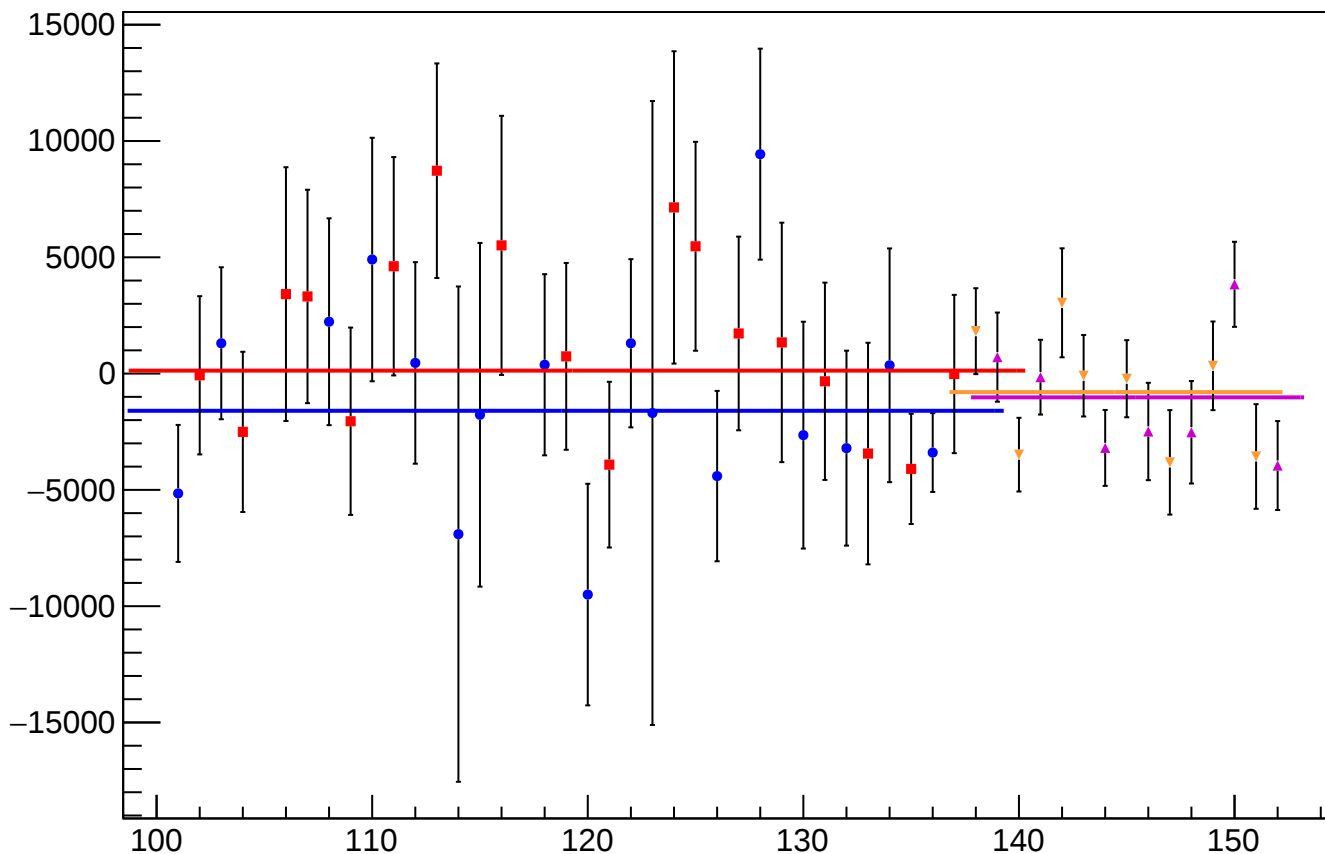
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 219.320+/-0.044 χ^2/NDF : 328240.2/23

Out: 218.070+/-0.043 χ^2/NDF : 384275.0/25

All: 218.683+/-0.031 χ^2/NDF : 712924.7/49

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: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -1022.197 $\pm$ 699.826 χ^2 /NDF:13.3/6

Left: -903.873 $\pm$ 483.571 χ^2 /NDF: 24.8/14

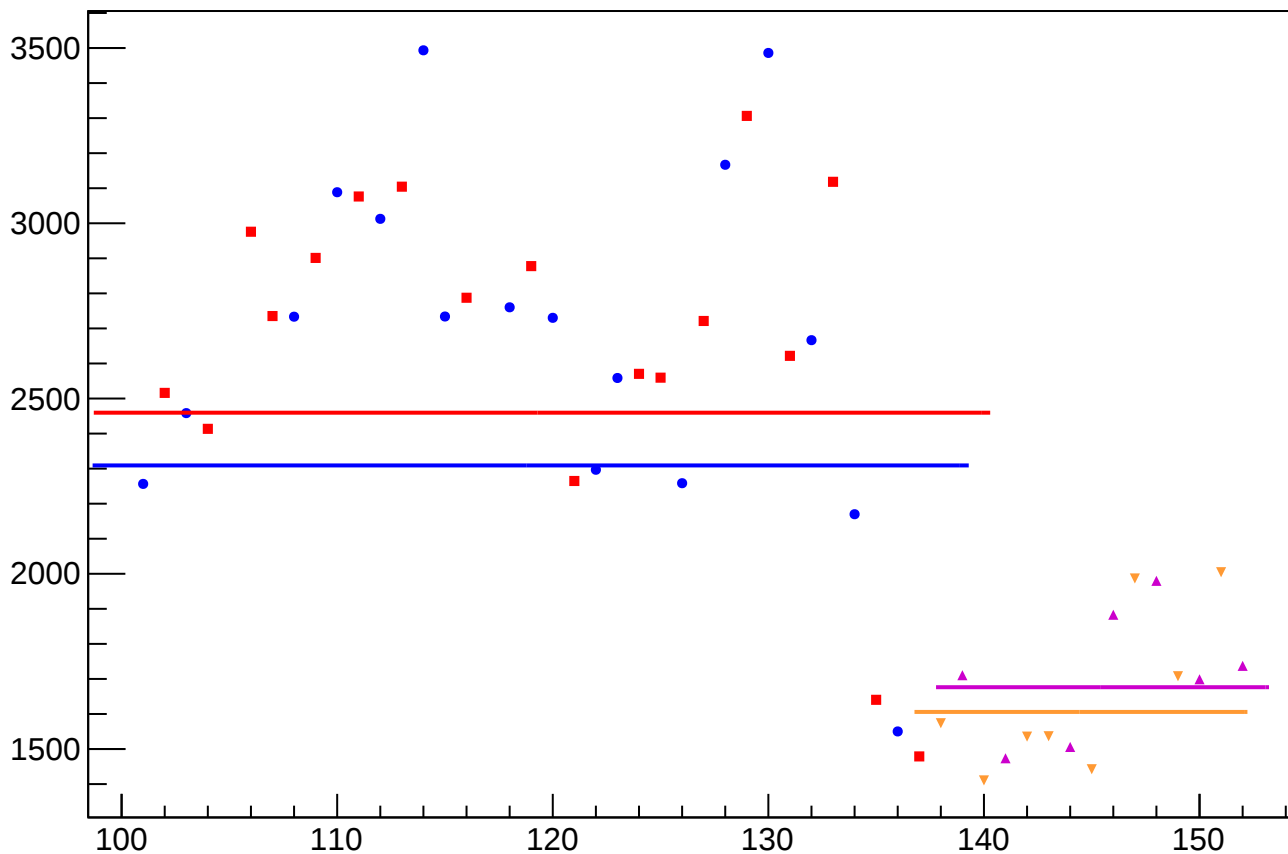
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1233.332 $\pm$ 557.223 χ^2 /NDF:30.1/23

Out: -489.233 $\pm$ 546.788 χ^2 /NDF:27.0/25

All: -854.250 $\pm$ 390.275 χ^2 /NDF: 58.0/49

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1605.883 $\pm$ 0.473 χ^2/NDF : 181386.7/7

Right Out: 2459.603 $\pm$ 0.671 χ^2/NDF : 668179.2/17

Left In: 1676.391 $\pm$ 0.495 χ^2/NDF : 114074.7/6

Left: 1639.548 $\pm$ 0.342 χ^2/NDF : 306069.7/14

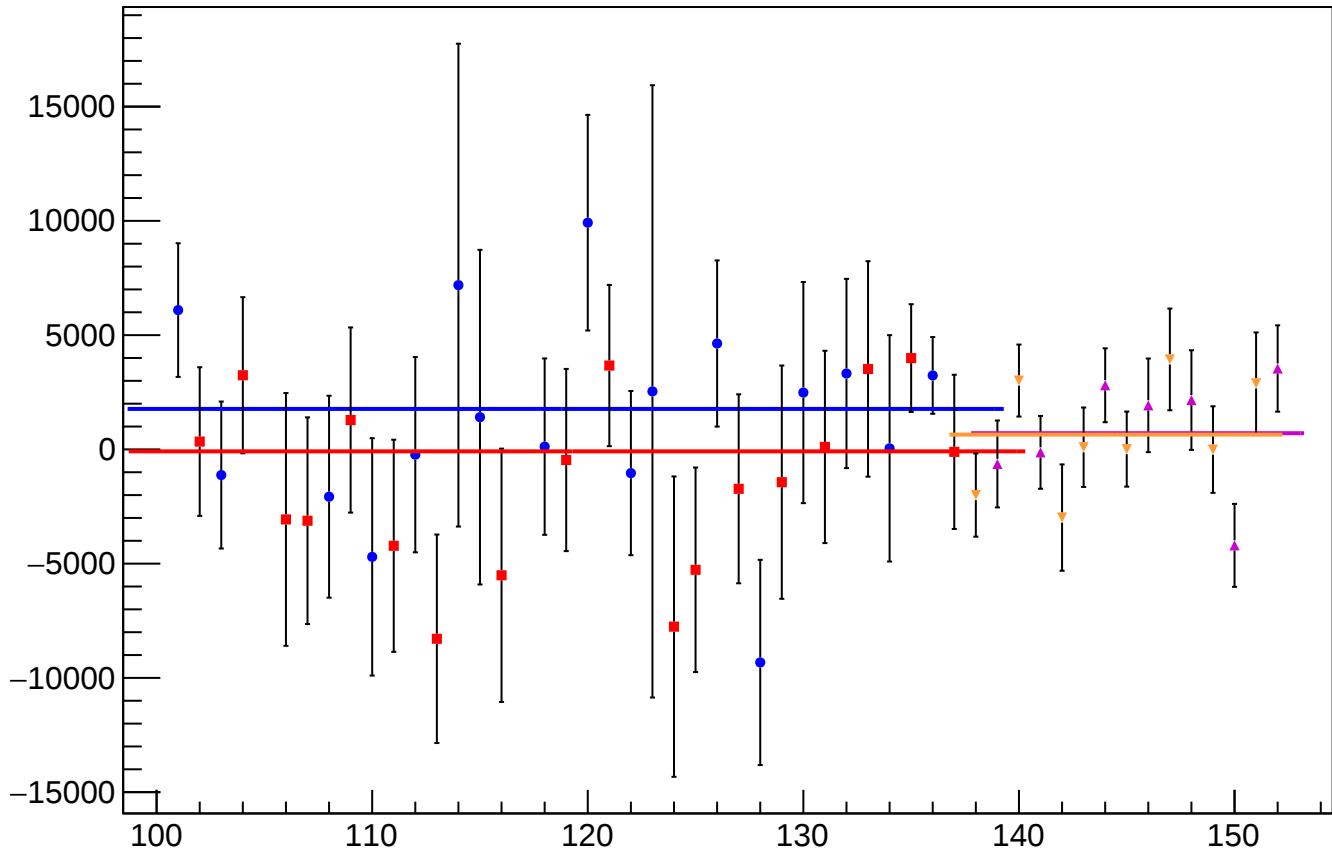
Right: 2382.111 $\pm$ 0.467 χ^2/NDF : 1494797.0/34

In: 1907.984 $\pm$ 0.394 χ^2/NDF : 1513215.2/23

Out: 1889.241 $\pm$ 0.387 χ^2/NDF : 1930696.4/25

All: 1898.435 $\pm$ 0.276 χ^2/NDF : 3445064.4/49

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: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 707.665+/-692.539 χ^2/NDF : 12.8/6

Left: 676.198+/-479.008 χ^2/NDF : 23.2/14

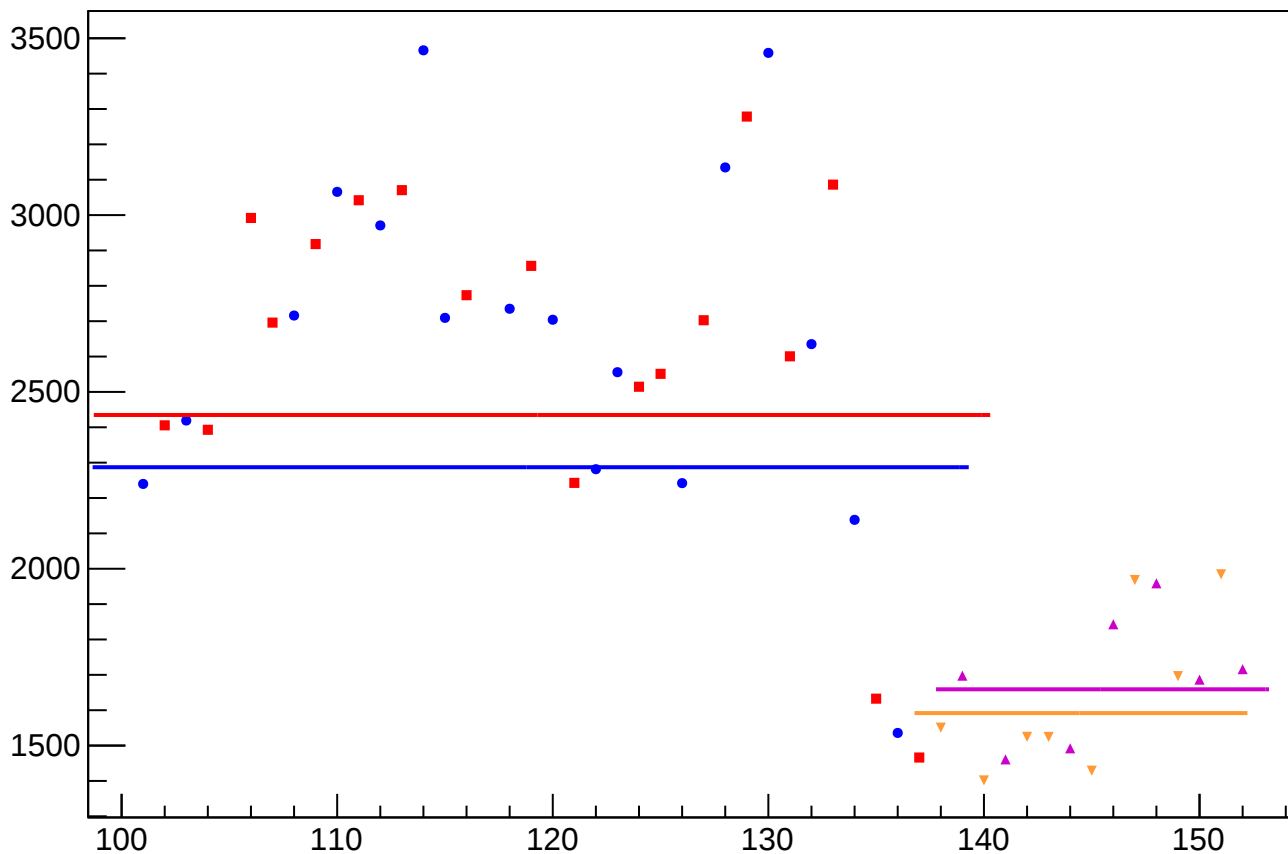
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1096.490+/-551.615 χ^2/NDF : 31.0/23

Out: 403.515+/-541.901 χ^2/NDF : 25.2/25

All: 743.847+/-386.571 χ^2/NDF : 57.1/49

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: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1659.099 $\pm$ 0.490 χ^2 /NDF: 109225.3/6

Left: 1624.038 $\pm$ 0.339 χ^2 /NDF: 298950.6/14

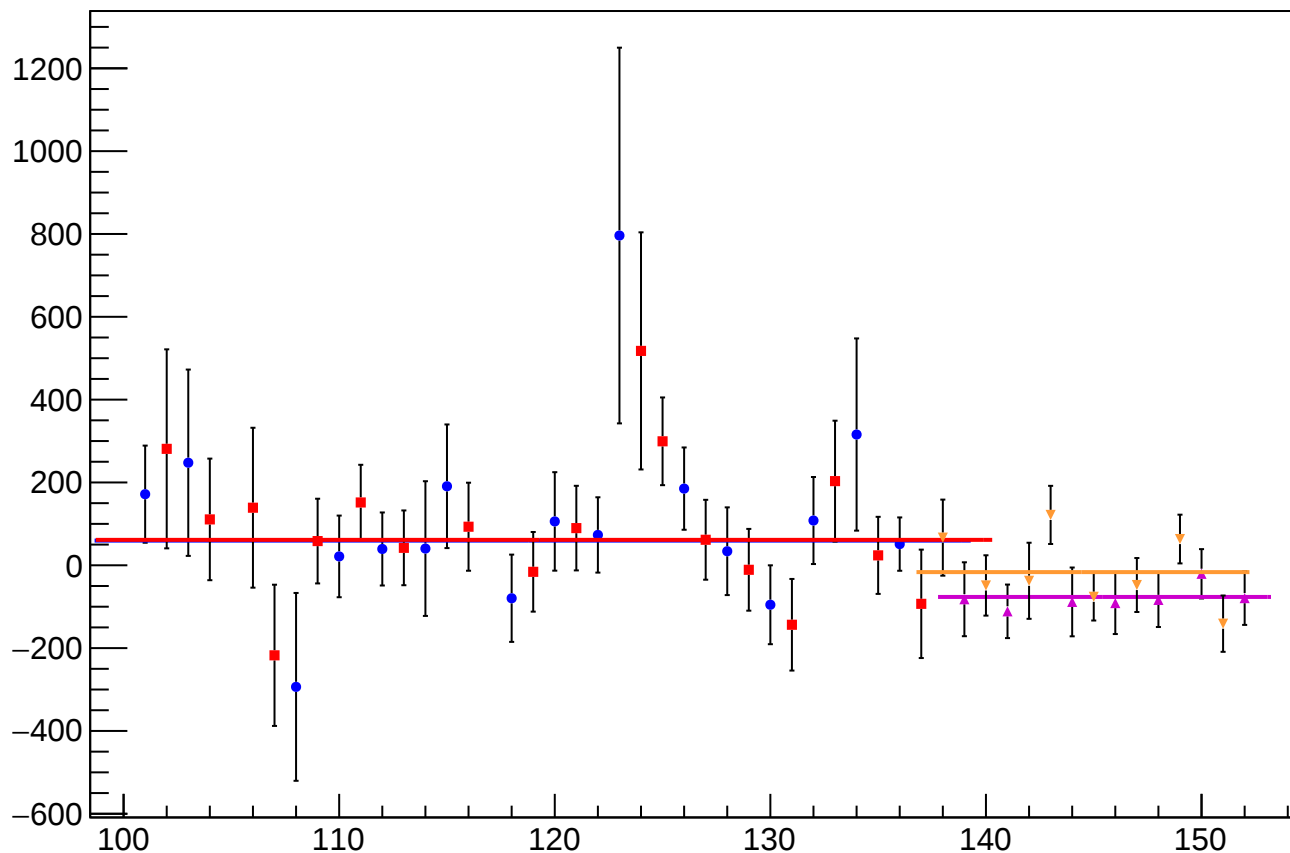
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1888.678 $\pm$ 0.390 χ^2 /NDF: 1509846.0/23

Out: 1872.100 $\pm$ 0.383 χ^2 /NDF: 1920715.8/25

All: 1880.242 $\pm$ 0.273 χ^2 /NDF: 3431481.1/49

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: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -76.445 $\pm$ 26.323 χ^2 /NDF:1.2/6

Left: -44.240 $\pm$ 17.912 χ^2 /NDF: 15.5/14

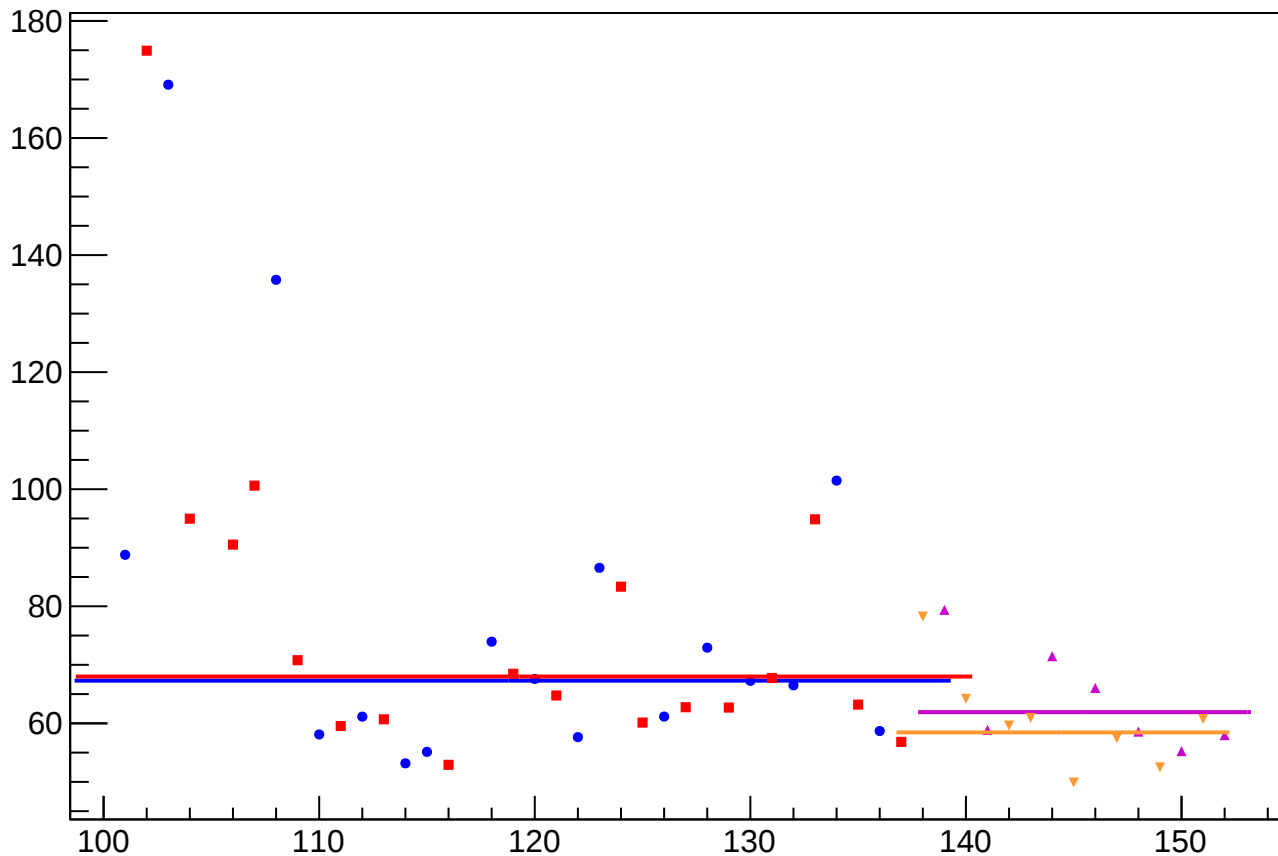
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -10.322 $\pm$ 18.875 χ^2 /NDF:29.6/23

Out: 18.592 $\pm$ 18.124 χ^2 /NDF:35.7/25

All: 4.721 $\pm$ 13.073 χ^2 /NDF: 66.5/49

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: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 61.916 $\pm$ 0.019 χ^2 /NDF: 151249.4/6

Left: 60.056 $\pm$ 0.013 χ^2 /NDF: 346077.3/14

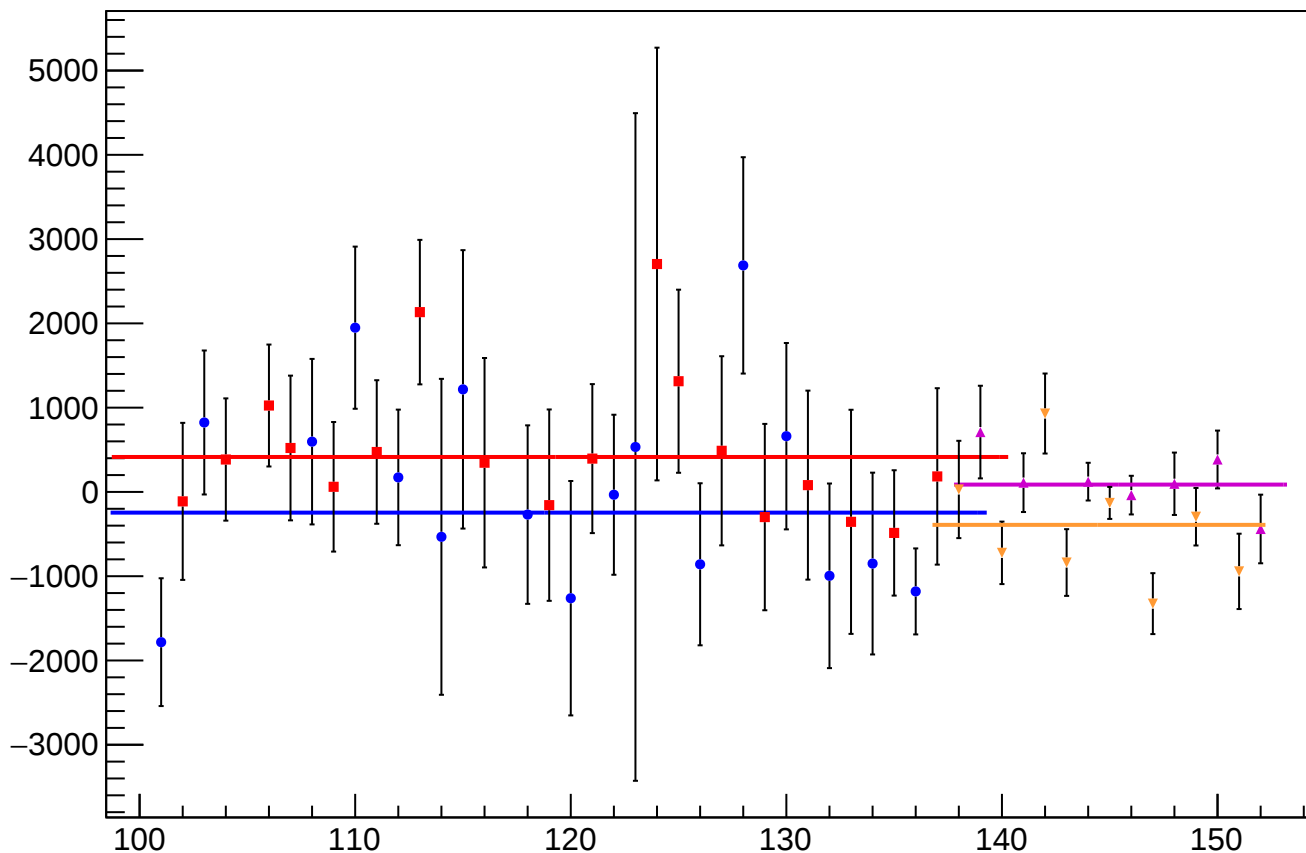
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 64.530 $\pm$ 0.013 χ^2 /NDF: 1033207.2/23

Out: 62.750 $\pm$ 0.013 χ^2 /NDF: 1067905.7/25

All: 63.604 $\pm$ 0.009 χ^2 /NDF: 2110369.2/49

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -390.787 $\pm$ 119.431 χ^2 /NDF:20.5/7

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 87.065 $\pm$ 117.576 χ^2 /NDF:4.0/6

Left: -148.122 $\pm$ 83.787 χ^2 /NDF: 32.7/14

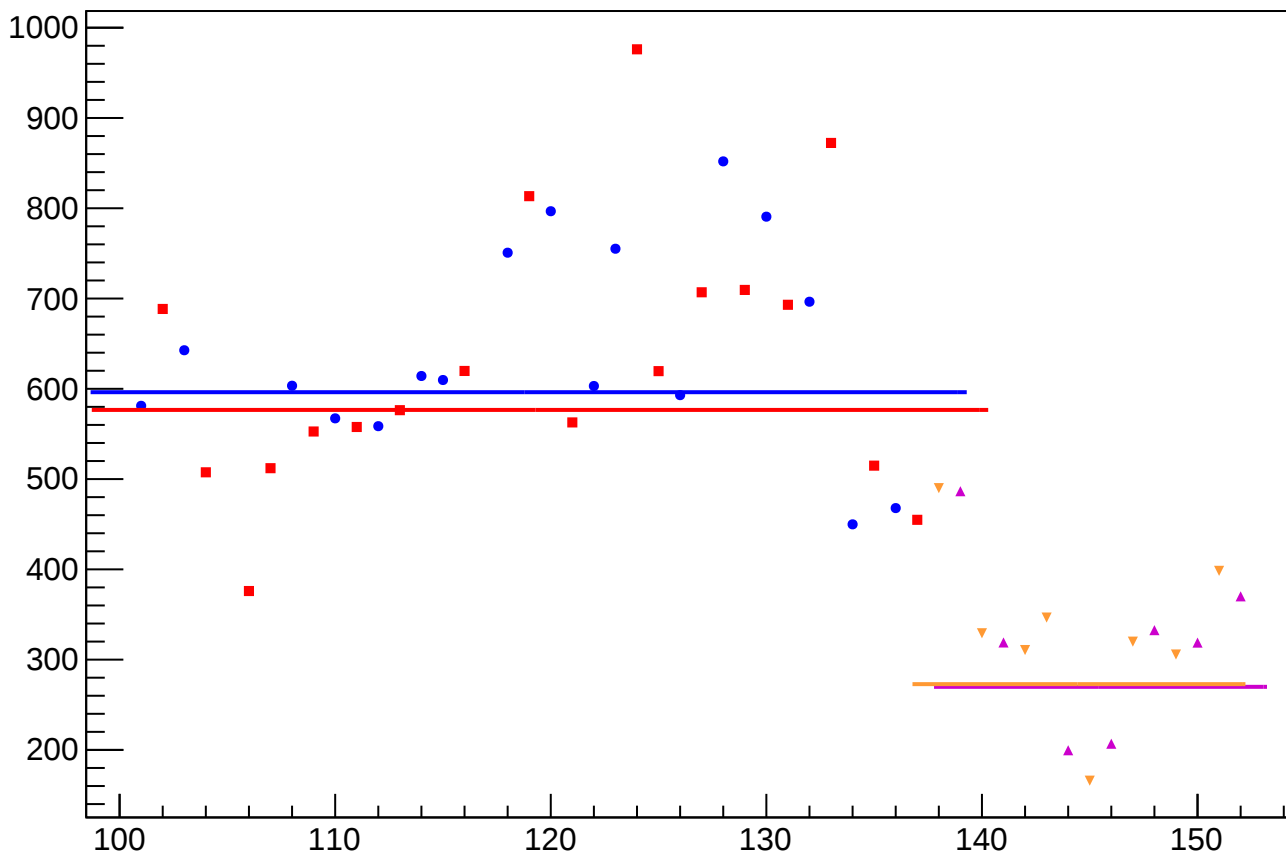
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 20.640 $\pm$ 105.186 χ^2 /NDF:29.4/23

Out: -210.977 $\pm$ 105.260 χ^2 /NDF:40.1/25

All: -95.087 $\pm$ 74.404 χ^2 /NDF: 71.9/49

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: 576.614 ± 0.158 $\chi^2/NDF: 573658.2/17$

Left In: 269.879 ± 0.083 $\chi^2/NDF: 918178.9/6$

Left: 271.342 ± 0.059 $\chi^2/NDF: 2175146.8/14$

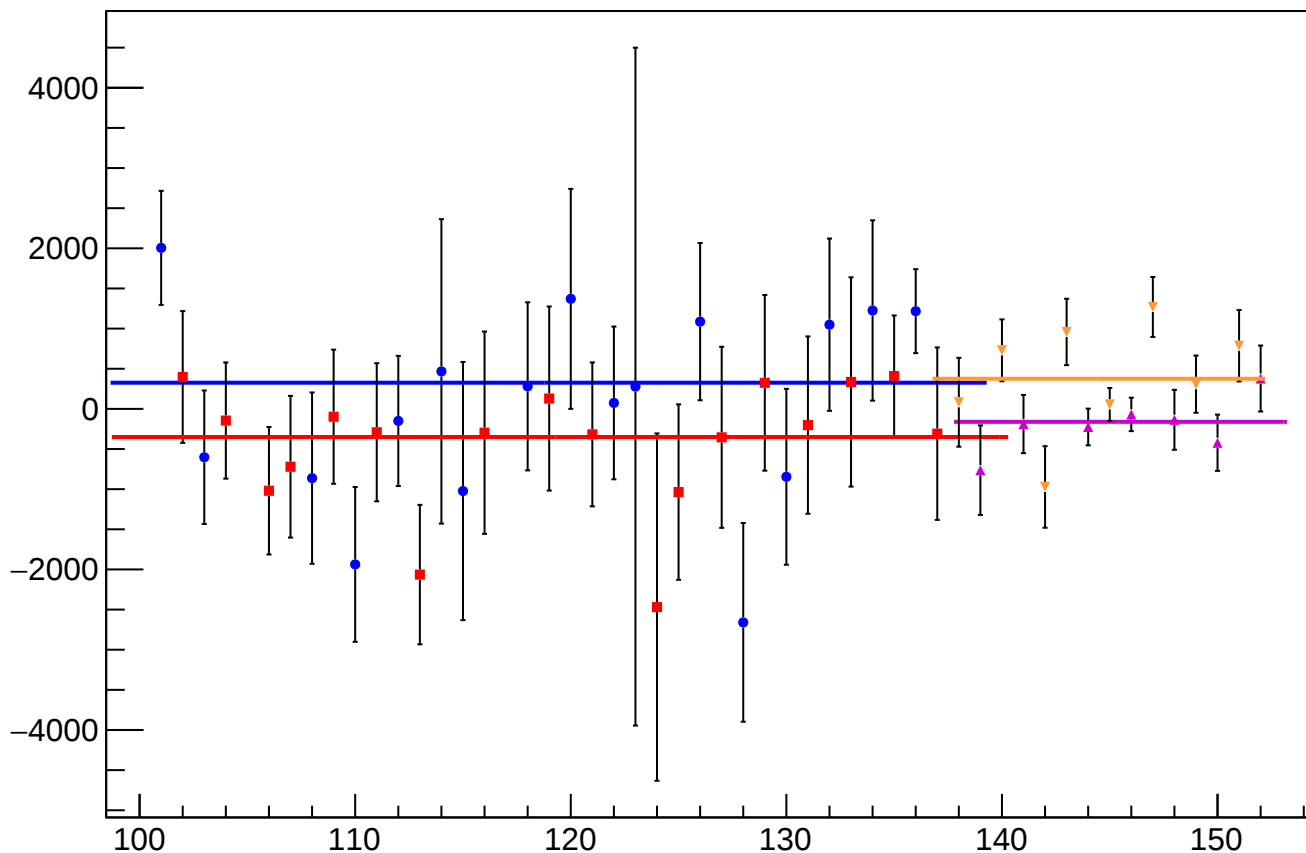
Right: 585.890 ± 0.114 $\chi^2/NDF: 1003148.8/34$

In: 335.041 ± 0.074 $\chi^2/NDF: 4417059.1/23$

Out: 340.660 ± 0.074 $\chi^2/NDF: 4718068.6/25$

All: 337.848 ± 0.053 $\chi^2/NDF: 9137979.1/49$

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: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -161.142+/-116.036 χ^2/NDF :3.7/6

Left: 86.116+/-85.208 χ^2/NDF : 32.8/14

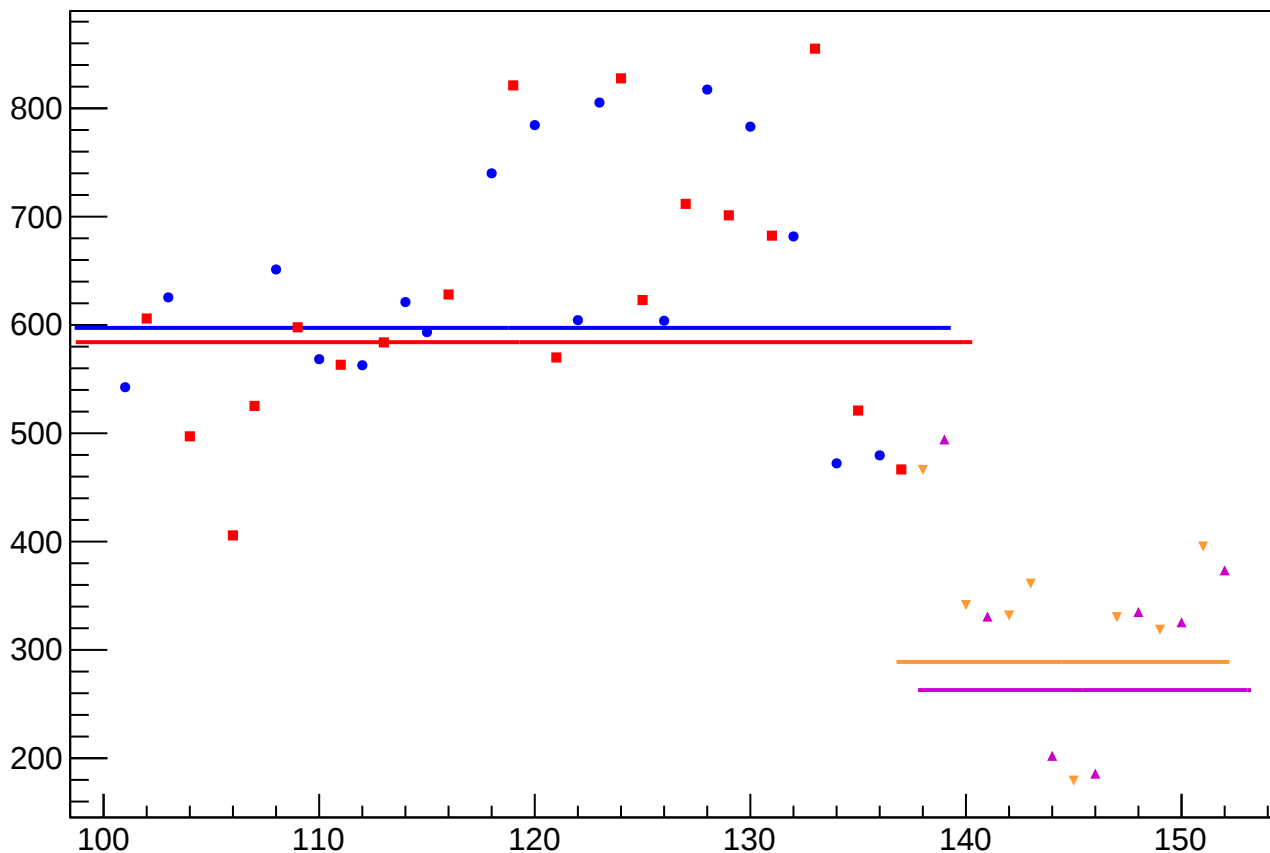
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -66.029+/-104.095 χ^2/NDF :34.0/23

Out: 203.476+/-109.651 χ^2/NDF :36.1/25

All: 61.723+/-75.494 χ^2/NDF : 73.3/49

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 288.887 $\pm$ 0.089 χ^2/NDF :1038490.1/7

Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17

Left In: 262.911 $\pm$ 0.082 χ^2/NDF :1112901.5/6

Left: 274.880 $\pm$ 0.060 χ^2/NDF : 2197574.3/14

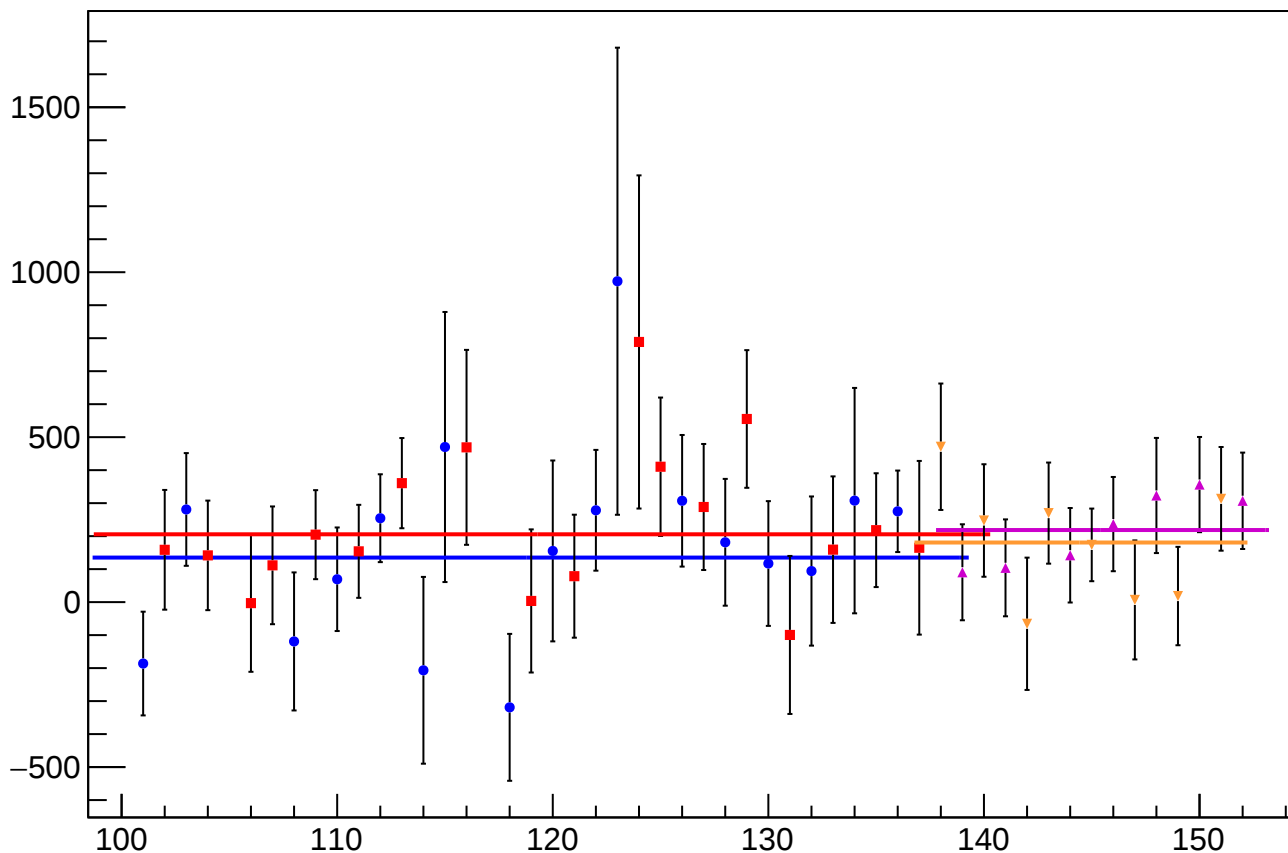
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 328.188 $\pm$ 0.074 χ^2/NDF :4718915.9/23

Out: 358.844 $\pm$ 0.078 χ^2/NDF :4106795.8/25

All: 342.720 $\pm$ 0.053 χ^2/NDF : 8907933.4/49

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: 205.590 $\pm$ 44.536 χ^2/NDF : 12.0/17

Left In: 218.509 $\pm$ 55.983 χ^2/NDF : 3.3/6

Left: 199.333 $\pm$ 39.317 χ^2/NDF : 10.7/14

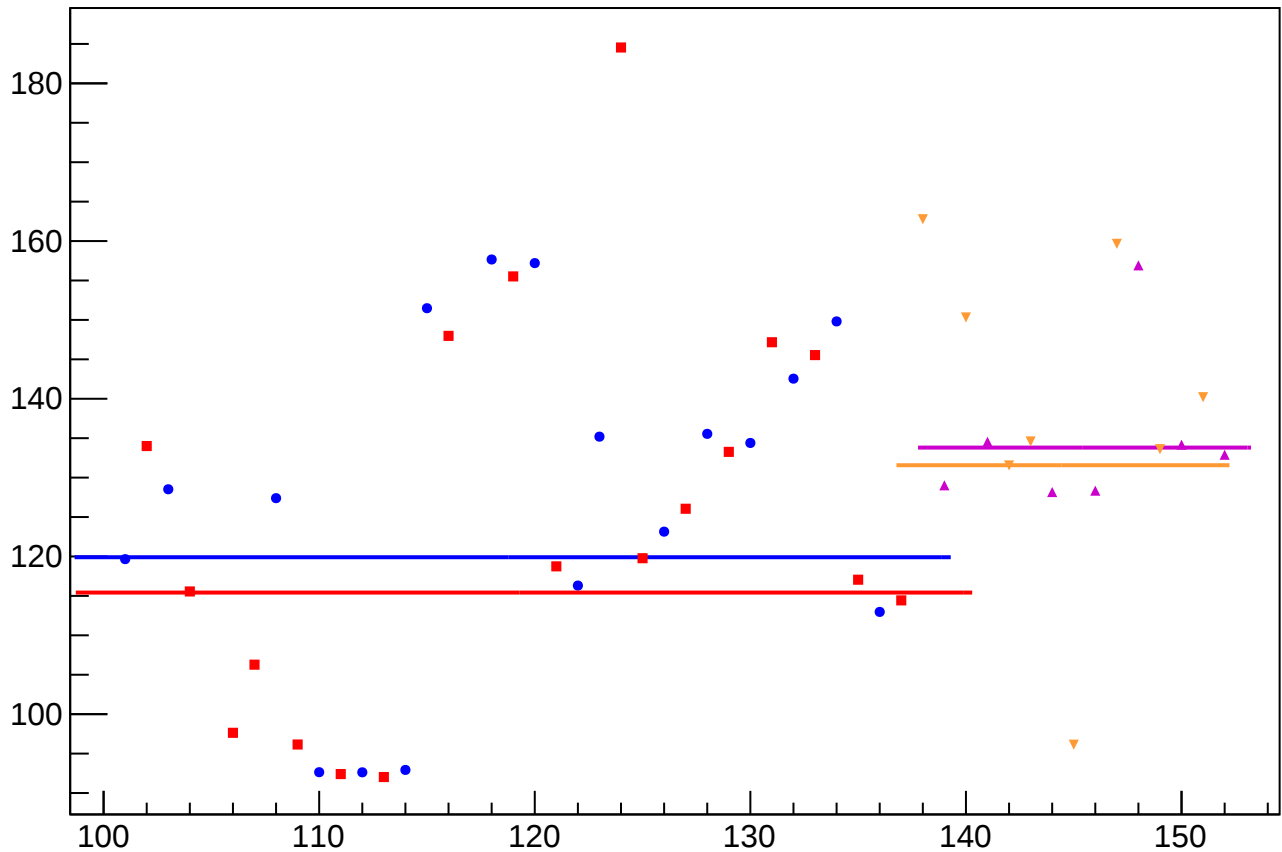
Right: 172.226 $\pm$ 32.336 χ^2/NDF : 31.3/34

In: 169.563 $\pm$ 36.007 χ^2/NDF : 22.7/23

Out: 195.771 $\pm$ 34.668 χ^2/NDF : 19.3/25

All: 183.163 $\pm$ 24.974 χ^2/NDF : 42.2/49

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 131.572+/-0.039 χ^2/NDF :340175.1/7

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 133.807+/-0.040 χ^2/NDF :43402.0/6

Left: 132.674+/-0.028 χ^2/NDF : 385192.9/14

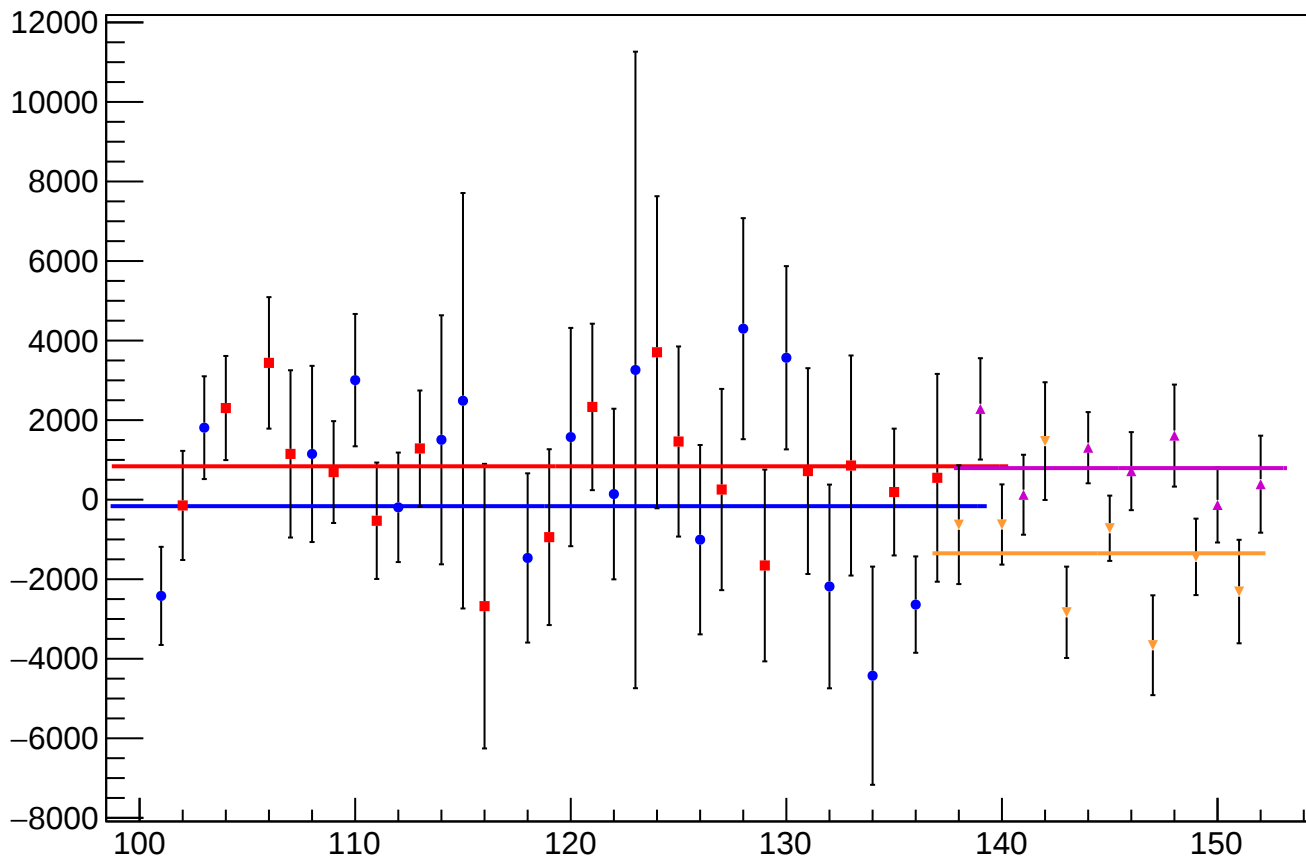
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 125.655+/-0.025 χ^2/NDF :461241.9/23

Out: 121.786+/-0.025 χ^2/NDF :861903.1/25

All: 123.647+/-0.018 χ^2/NDF : 1335131.6/49

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1348.483 $\pm$ 394.080 χ^2 /NDF:10.6/7

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 793.676 $\pm$ 398.593 χ^2 /NDF:3.6/6

Left: -289.601 $\pm$ 280.239 χ^2 /NDF: 28.8/14

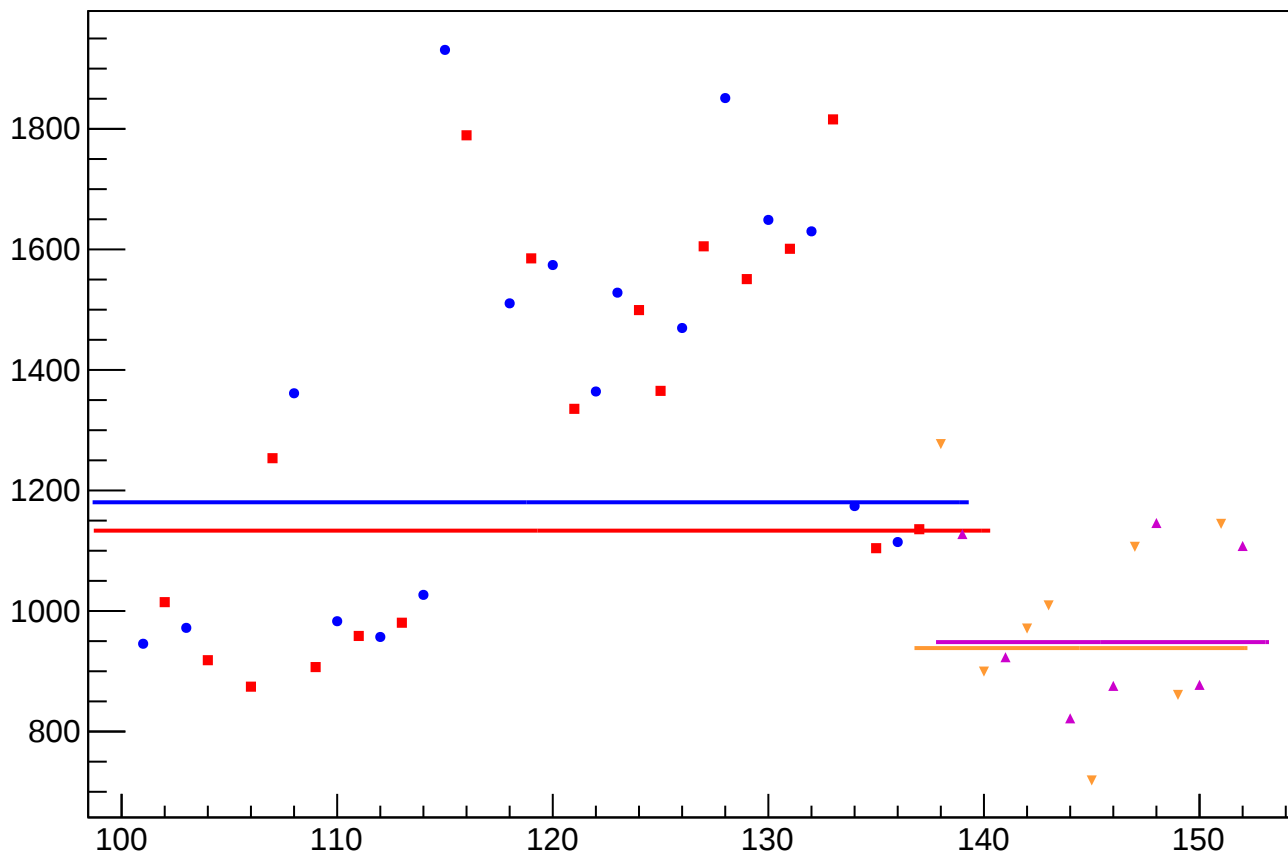
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 392.828 $\pm$ 303.883 χ^2 /NDF:29.7/23

Out: -375.893 $\pm$ 293.695 χ^2 /NDF:33.6/25

All: -4.635 $\pm$ 211.183 χ^2 /NDF: 66.6/49

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: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 948.399 $\pm$ 0.282 χ^2/NDF : 184733.8/6

Left: 943.381 $\pm$ 0.198 χ^2/NDF : 542075.3/14

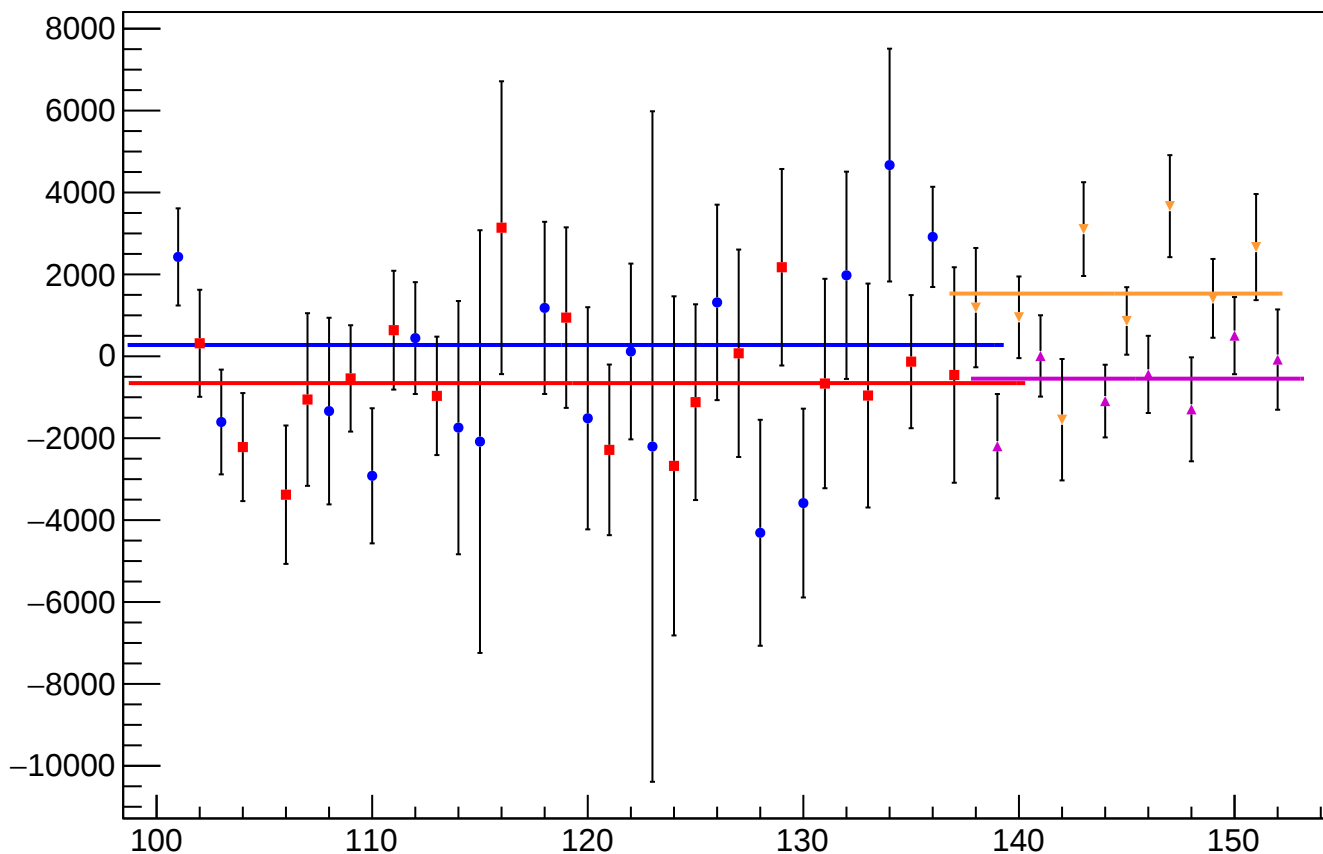
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1045.554 $\pm$ 0.215 χ^2/NDF : 1137327.2/23

Out: 1025.111 $\pm$ 0.208 χ^2/NDF : 1334533.0/25

All: 1034.984 $\pm$ 0.149 χ^2/NDF : 2476540.1/49

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1531.354 $\pm$ 392.627 χ^2/NDF : 11.0/7

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: -546.226 $\pm$ 394.071 χ^2/NDF : 4.1/6

Left: 496.376 $\pm$ 278.138 χ^2/NDF : 29.0/14

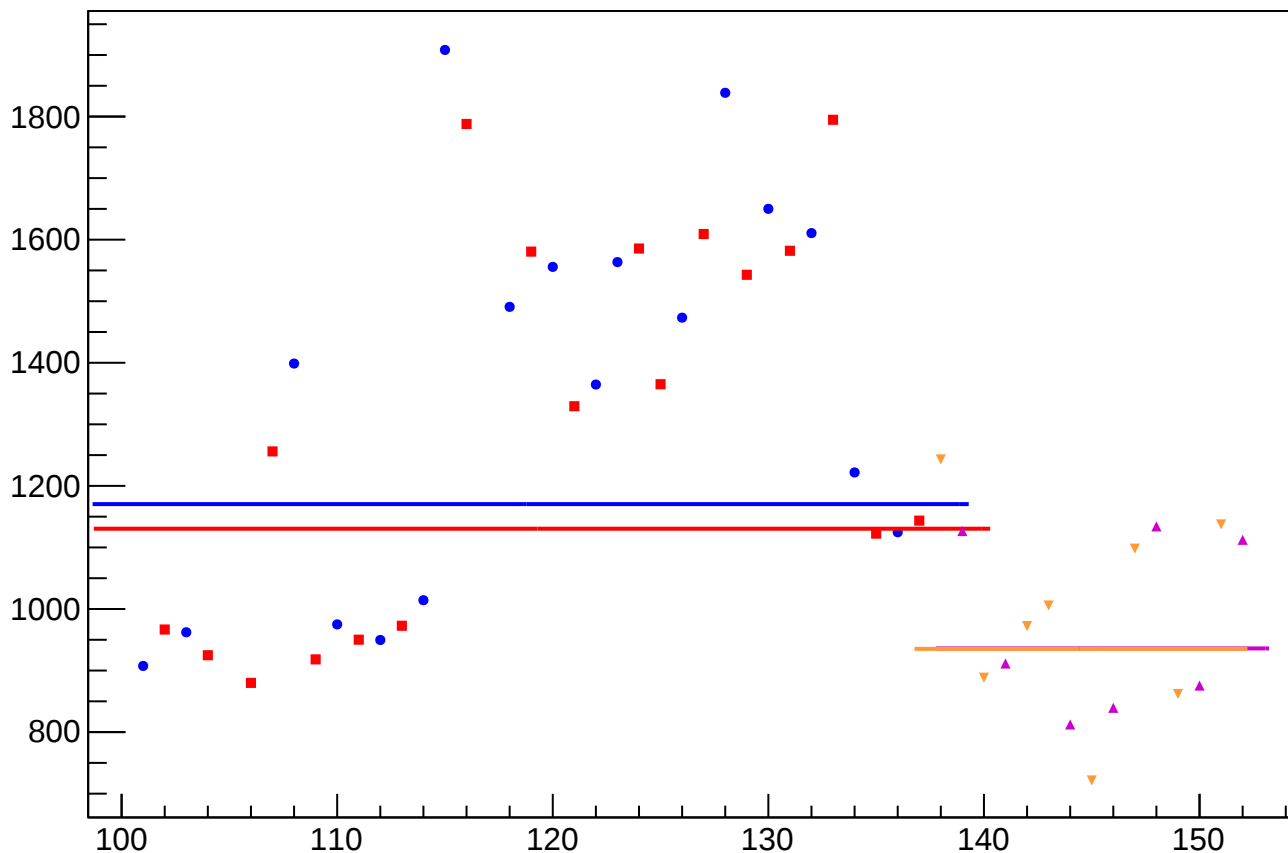
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: -203.588 $\pm$ 301.018 χ^2/NDF : 30.2/23

Out: 562.001 $\pm$ 292.899 χ^2/NDF : 34.3/25

All: 189.670 $\pm$ 209.923 χ^2/NDF : 67.9/49

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: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 935.951 $\pm$ 0.279 χ^2 /NDF:204267.9/6

Left: 935.593 $\pm$ 0.197 χ^2 /NDF: 535686.3/14

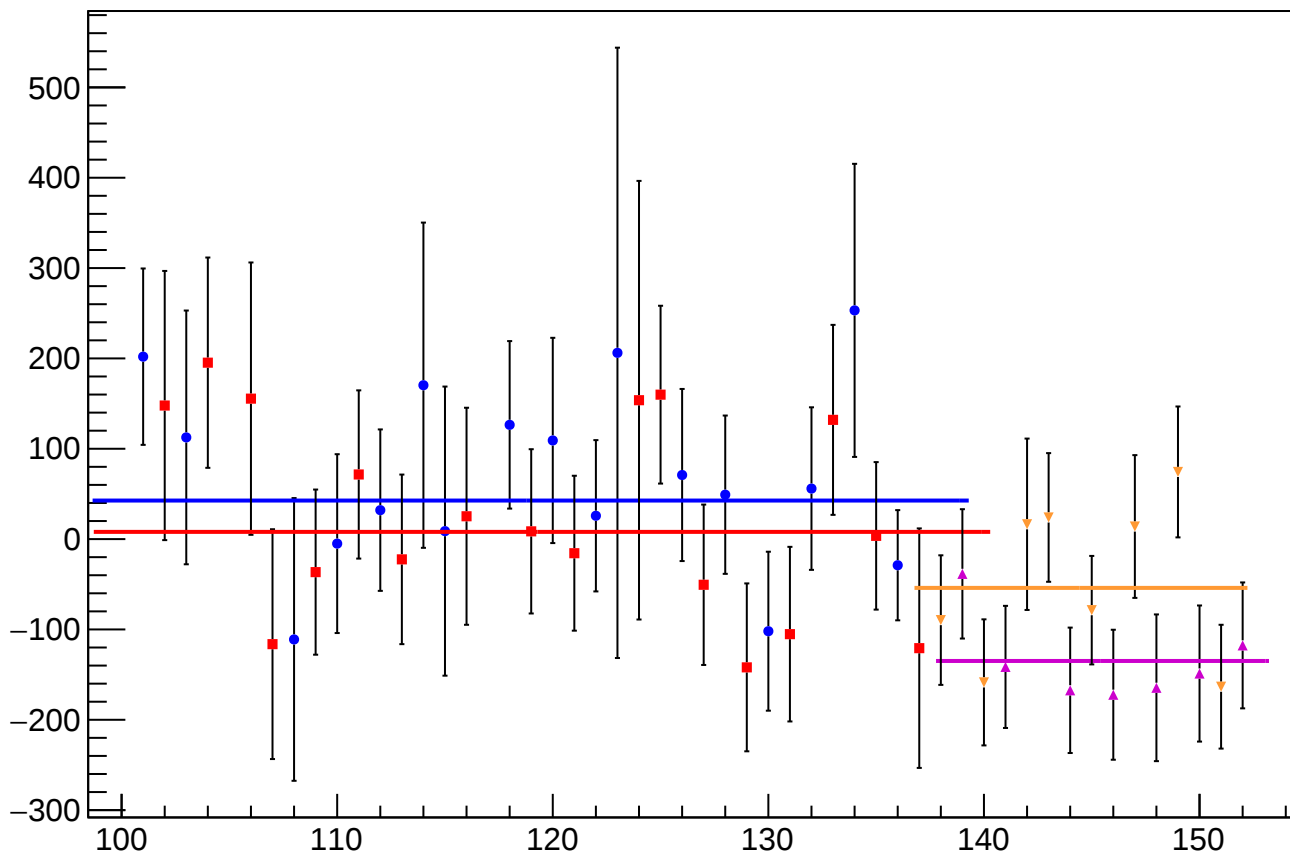
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1033.603 $\pm$ 0.213 χ^2 /NDF:1204613.7/23

Out: 1021.814 $\pm$ 0.207 χ^2 /NDF:1313720.3/25

All: 1027.547 $\pm$ 0.148 χ^2 /NDF: 2519909.6/49

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -54.008 $\pm$ 25.406 χ^2 /NDF:10.8/7

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -134.894 $\pm$ 27.231 χ^2 /NDF:2.5/6

Left: -91.651 $\pm$ 18.576 χ^2 /NDF: 18.1/14

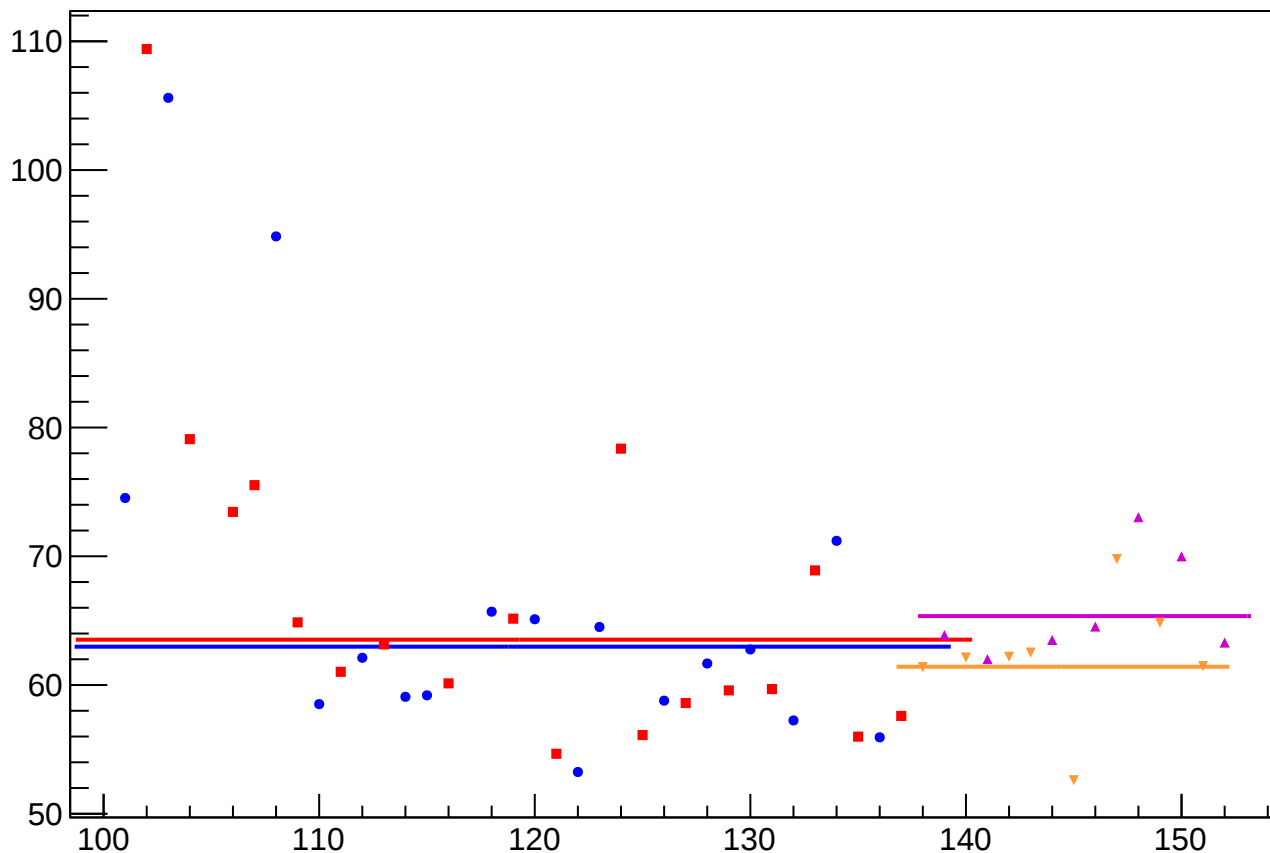
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: -37.481 $\pm$ 18.295 χ^2 /NDF:37.9/23

Out: -21.872 $\pm$ 17.633 χ^2 /NDF:29.7/25

All: -29.388 $\pm$ 12.696 χ^2 /NDF: 67.9/49

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 61.420 ± 0.018 $\chi^2/\text{NDF}: 70791.0/7$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 65.354 ± 0.019 $\chi^2/\text{NDF}: 34648.3/6$

Left: 63.251 ± 0.013 $\chi^2/\text{NDF}: 127755.9/14$

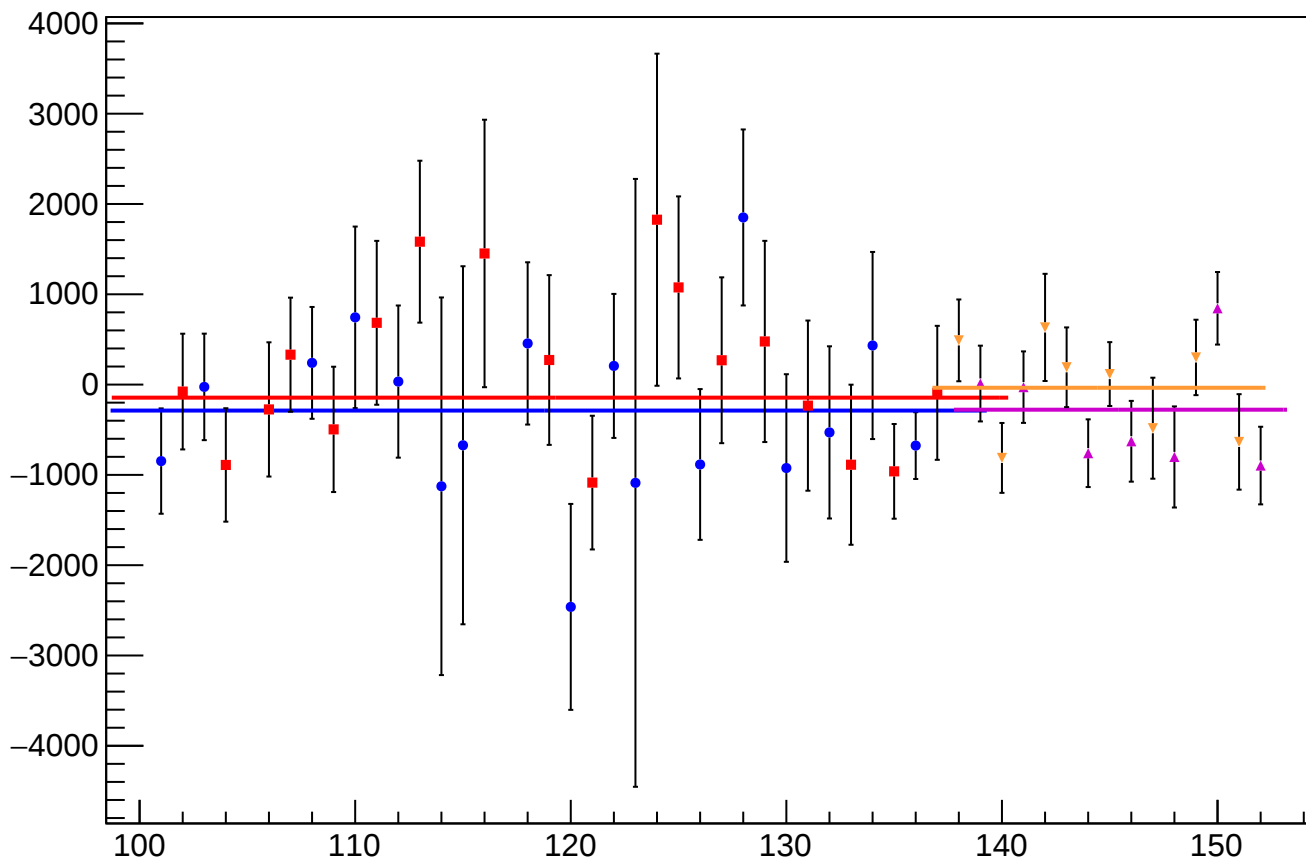
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 64.052 ± 0.013 $\chi^2/\text{NDF}: 418252.5/23$

Out: 62.510 ± 0.012 $\chi^2/\text{NDF}: 413316.9/25$

All: 63.252 ± 0.009 $\chi^2/\text{NDF}: 838935.8/49$

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -35.180 ± 158.036 $\chi^2/\text{NDF}: 9.7/7$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -278.088 ± 160.178 $\chi^2/\text{NDF}: 13.9/6$

Left: -154.999 ± 112.498 $\chi^2/\text{NDF}: 24.7/14$

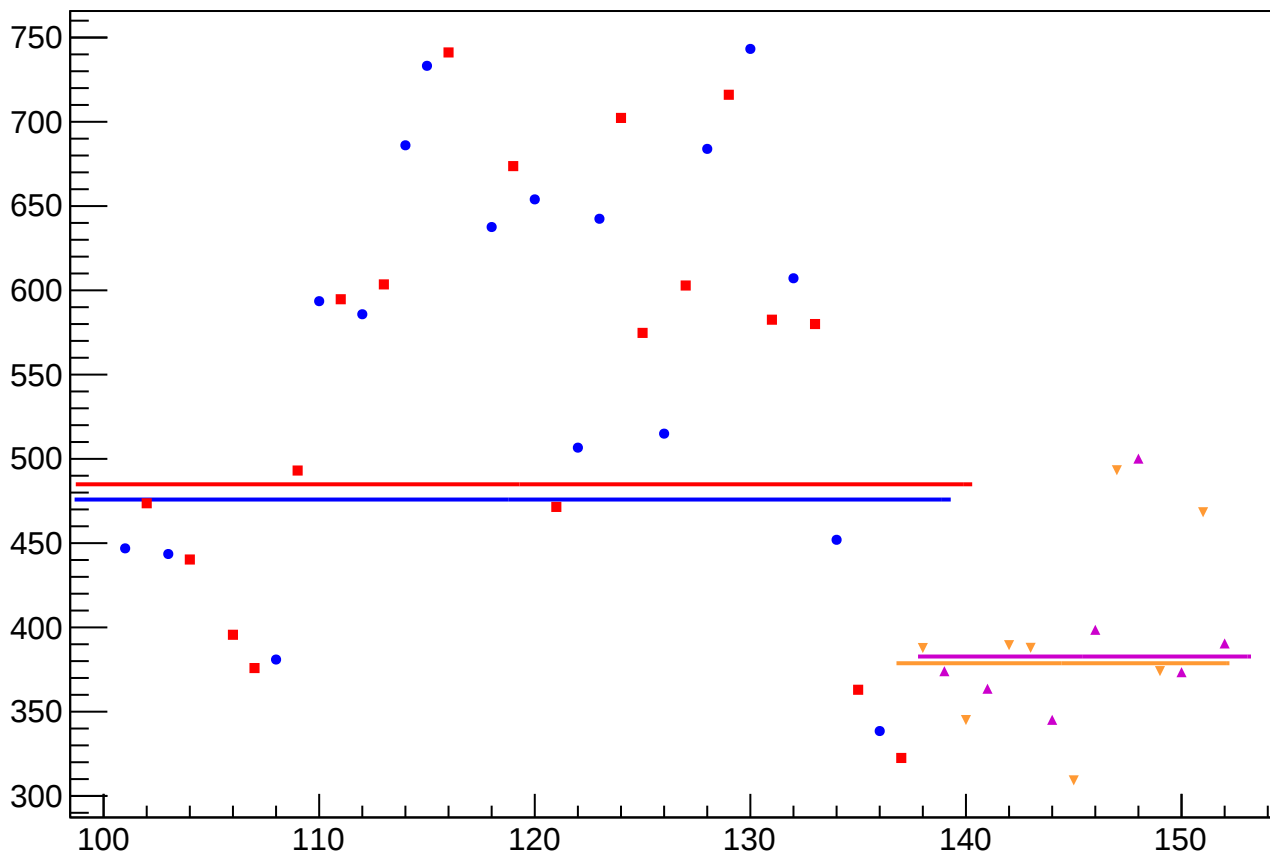
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -282.077 ± 122.435 $\chi^2/\text{NDF}: 29.3/23$

Out: -80.558 ± 120.912 $\chi^2/\text{NDF}: 25.9/25$

All: -180.056 ± 86.031 $\chi^2/\text{NDF}: 56.5/49$

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: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 382.728 $\pm$ 0.113 χ^2 /NDF:117851.1/6

Left: 380.706 $\pm$ 0.080 χ^2 /NDF: 354803.8/14

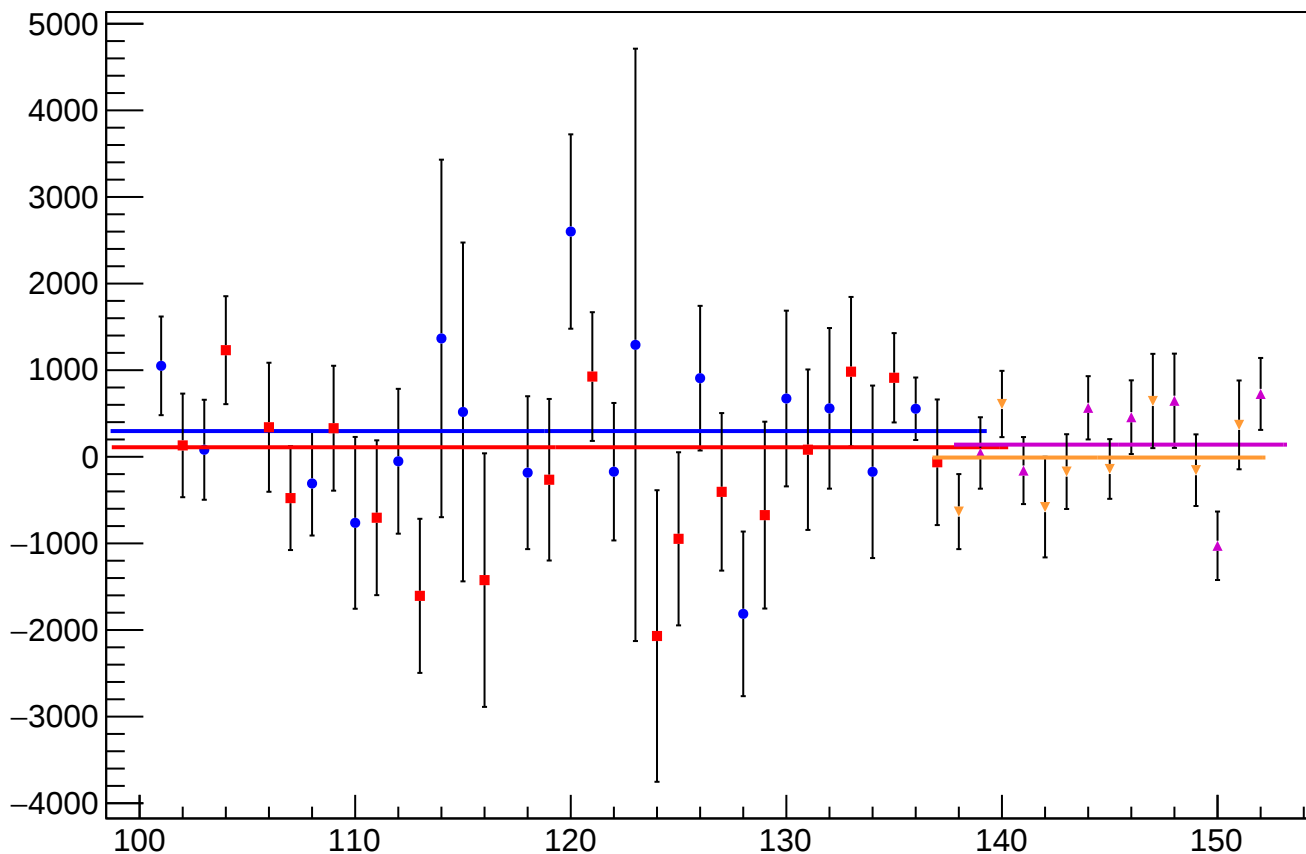
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 421.451 $\pm$ 0.087 χ^2 /NDF:1236809.5/23

Out: 422.760 $\pm$ 0.085 χ^2 /NDF:1326958.9/25

All: 422.114 $\pm$ 0.061 χ^2 /NDF: 2563884.2/49

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -8.554 ± 154.430 $\chi^2/\text{NDF}: 8.1/7$

Right Out: 110.141 ± 184.400 $\chi^2/\text{NDF}: 18.5/17$

Left In: 140.430 ± 155.917 $\chi^2/\text{NDF}: 14.1/6$

Left: 65.224 ± 109.720 $\chi^2/\text{NDF}: 22.7/14$

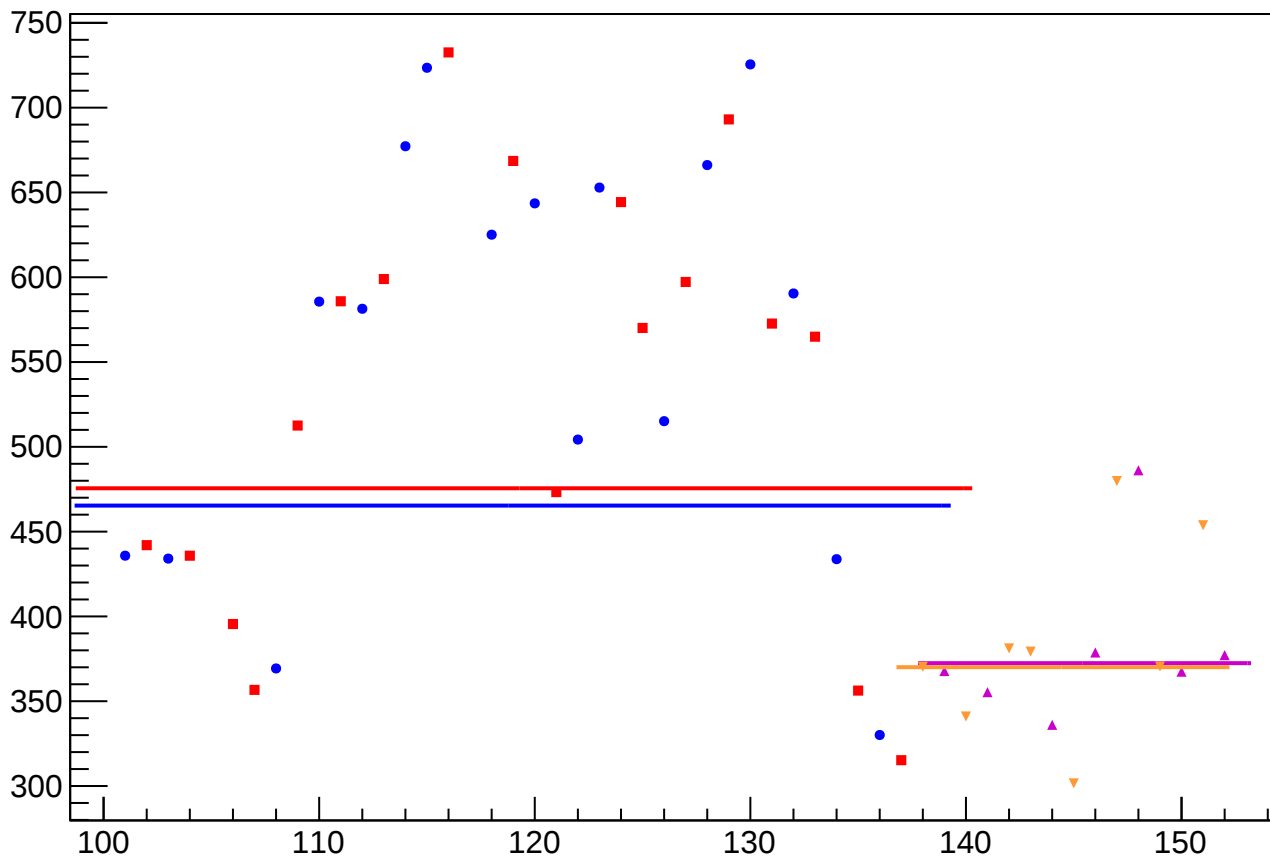
Right: 202.768 ± 130.944 $\chi^2/\text{NDF}: 34.9/34$

In: 205.049 ± 119.482 $\chi^2/\text{NDF}: 30.4/23$

Out: 40.376 ± 118.395 $\chi^2/\text{NDF}: 26.8/25$

All: 121.960 ± 84.100 $\chi^2/\text{NDF}: 58.2/49$

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: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 372.449 $\pm$ 0.110 χ^2/NDF :112311.4/6

Left: 371.242 $\pm$ 0.078 χ^2/NDF : 339365.4/14

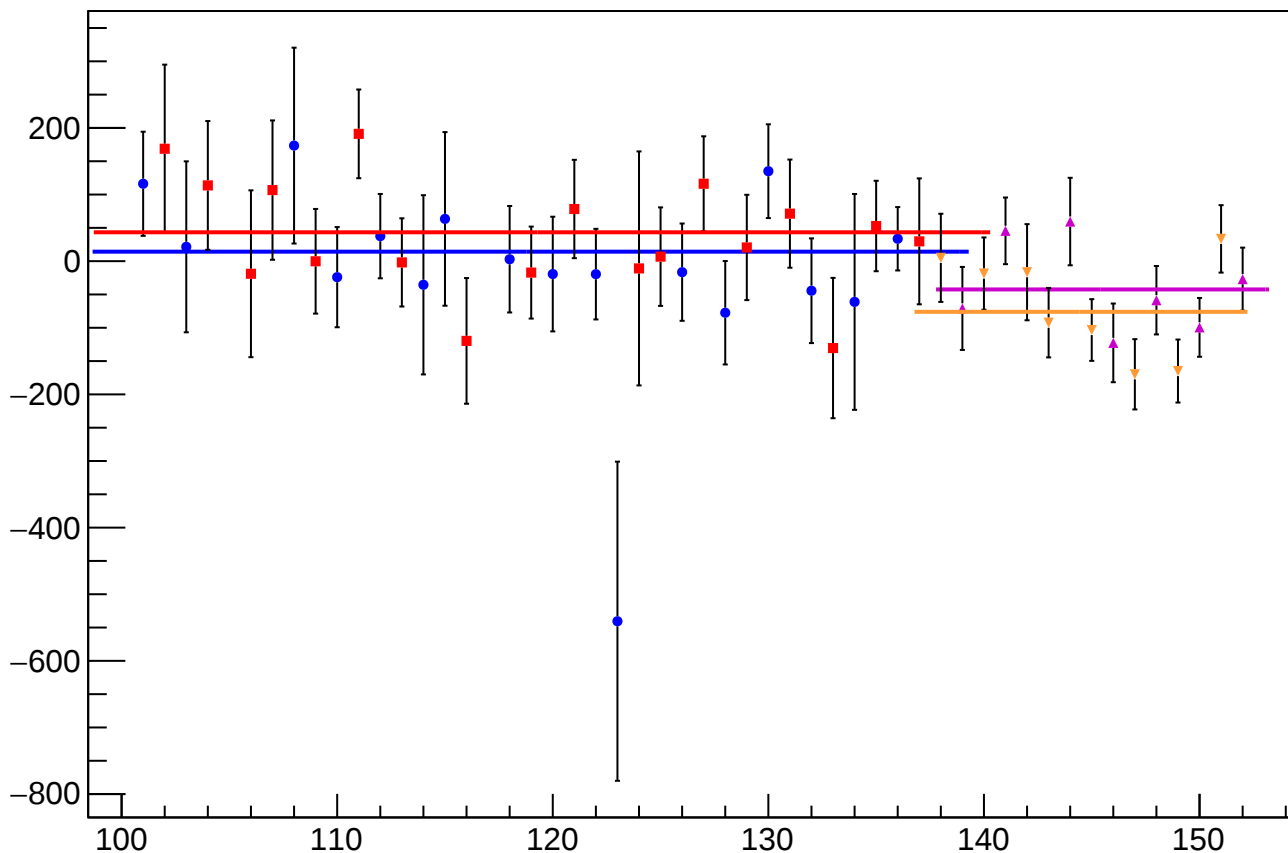
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 410.797 $\pm$ 0.084 χ^2/NDF :1265841.1/23

Out: 413.549 $\pm$ 0.084 χ^2/NDF :1352461.7/25

All: 412.185 $\pm$ 0.059 χ^2/NDF : 2618838.1/49

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: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -42.452 ± 19.944 $\chi^2/\text{NDF}: 9.4/6$

Left: -60.116 ± 13.730 $\chi^2/\text{NDF}: 26.0/14$

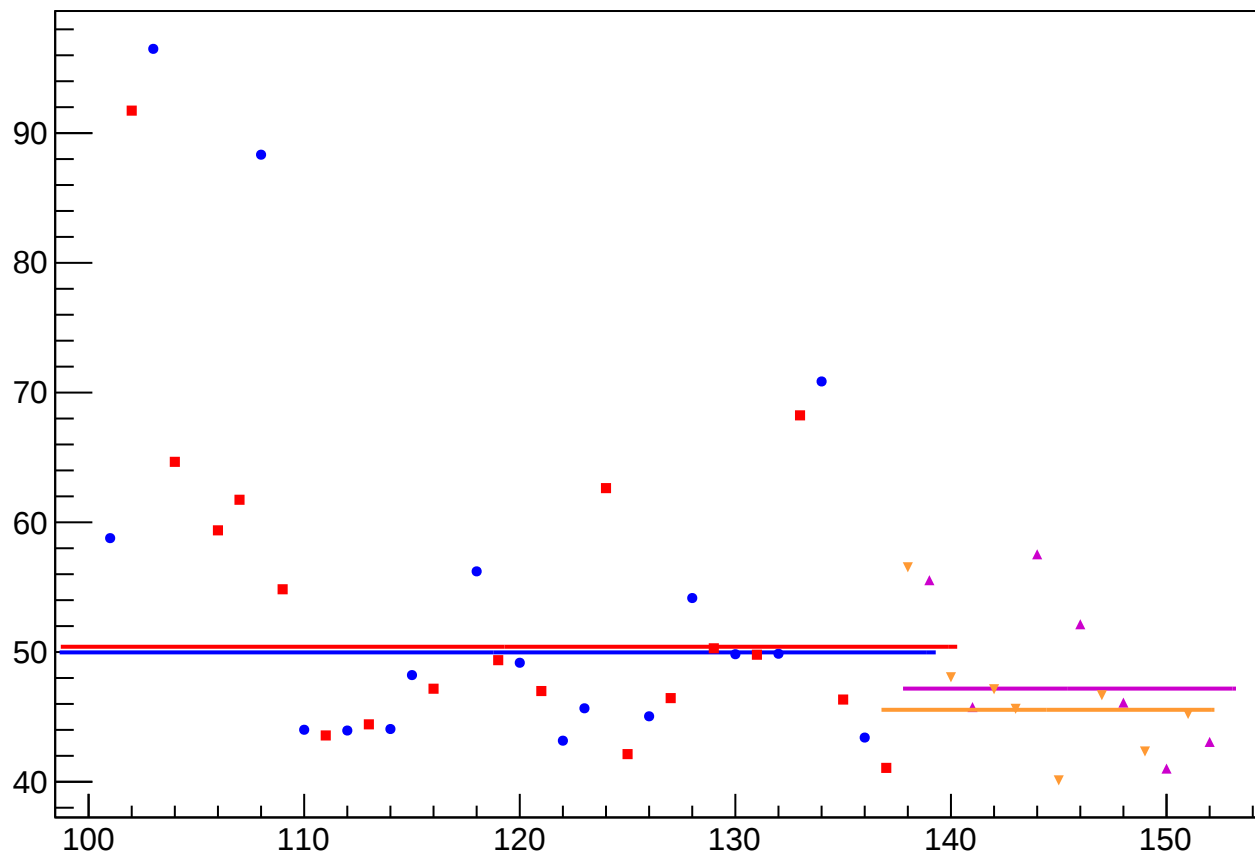
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -13.989 ± 14.075 $\chi^2/\text{NDF}: 28.3/23$

Out: -18.574 ± 13.633 $\chi^2/\text{NDF}: 50.4/25$

All: -16.355 ± 9.792 $\chi^2/\text{NDF}: 78.7/49$

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: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 47.182+/-0.014 χ^2/NDF : 156382.3/6

Left: 46.322+/-0.010 χ^2/NDF : 261613.3/14

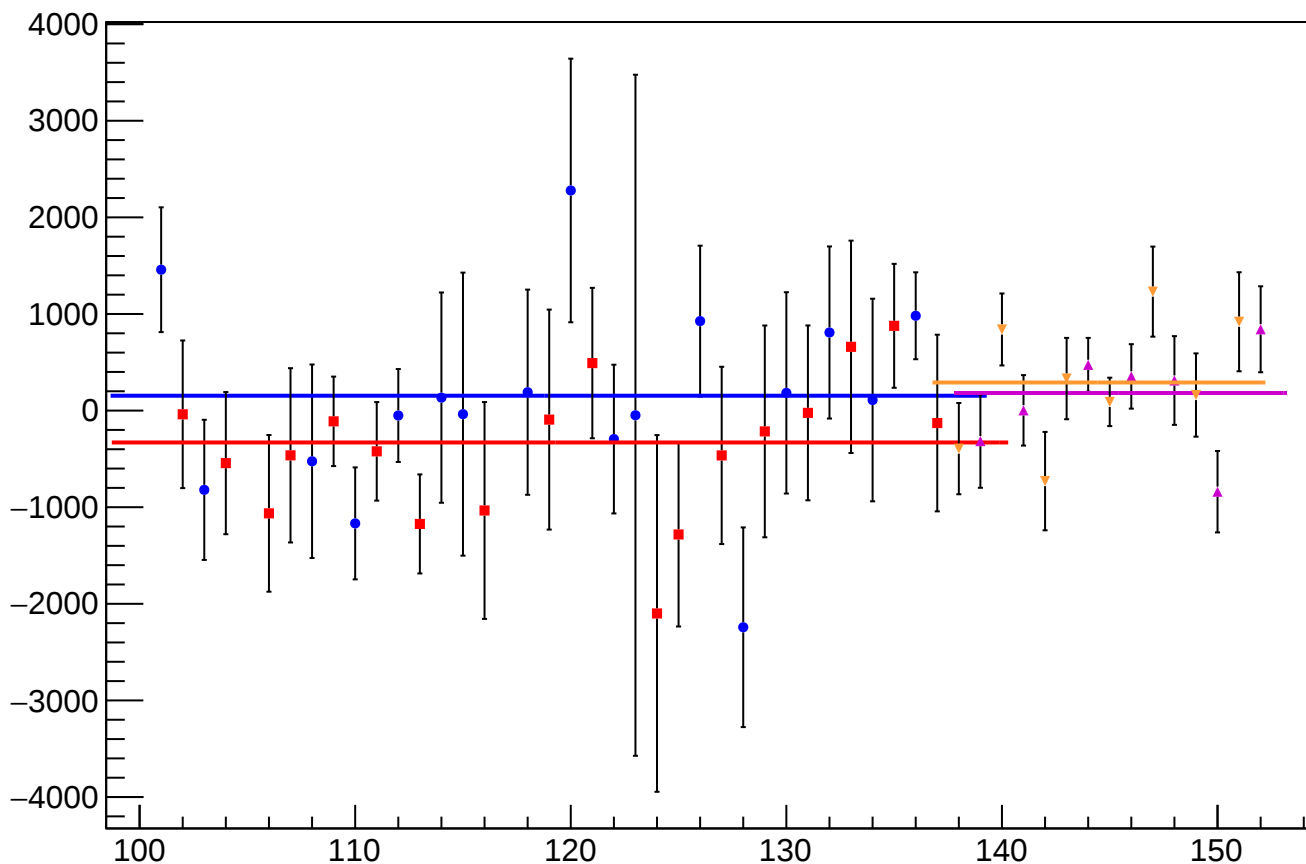
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 48.583+/-0.010 χ^2/NDF : 754794.1/23

Out: 47.887+/-0.010 χ^2/NDF : 629105.8/25

All: 48.224+/-0.007 χ^2/NDF : 1386421.2/49

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: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 182.142 $\pm$ 142.767 χ^2 /NDF:10.8/6

Left: 237.564 $\pm$ 100.009 χ^2 /NDF: 25.7/14

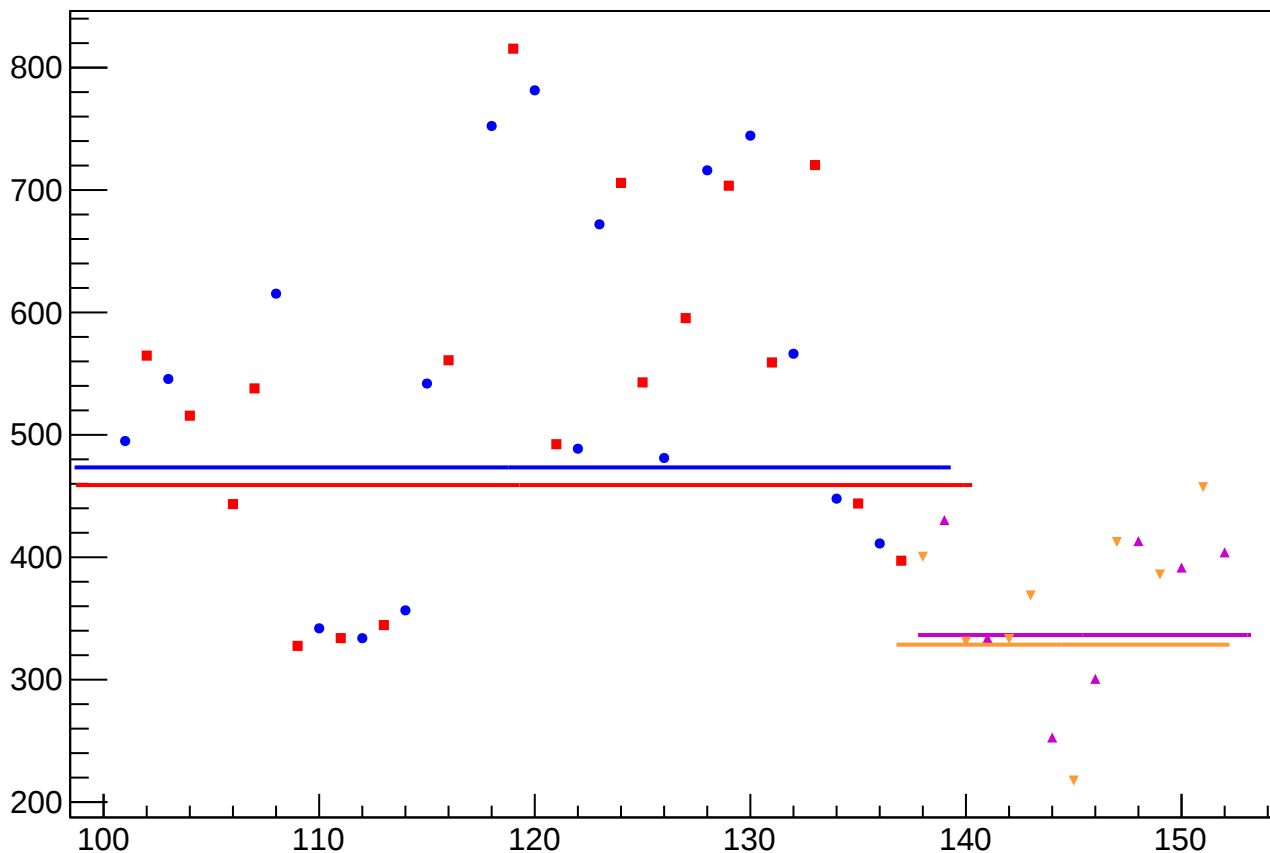
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 171.927 $\pm$ 114.128 χ^2 /NDF:35.6/23

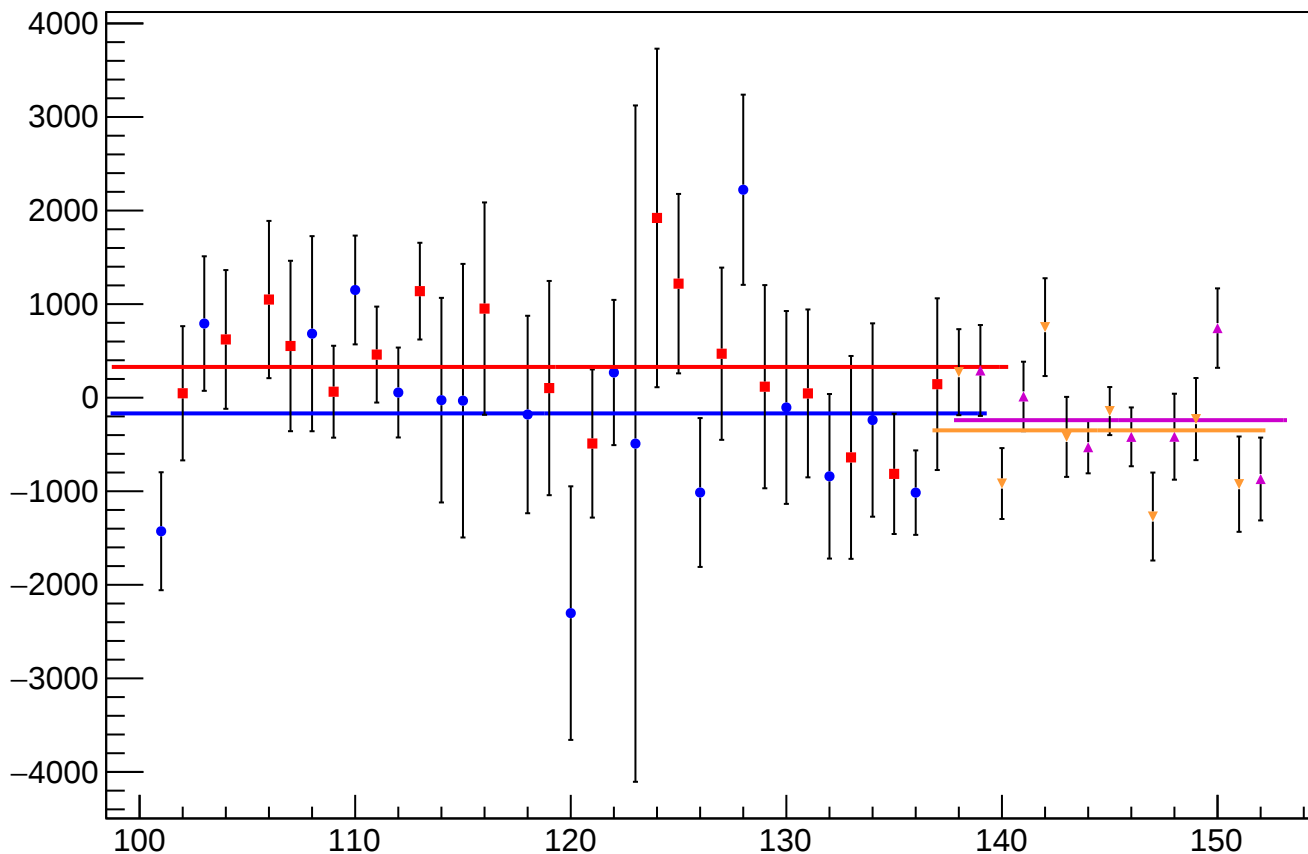
Out: 56.306 $\pm$ 110.529 χ^2 /NDF:34.1/25

All: 112.265 $\pm$ 79.398 χ^2 /NDF: 70.2/49

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -349.198+/-142.056 χ^2/NDF :14.4/7

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -240.318+/-141.682 χ^2/NDF :10.6/6

Left: -294.614+/-100.316 χ^2/NDF : 25.3/14

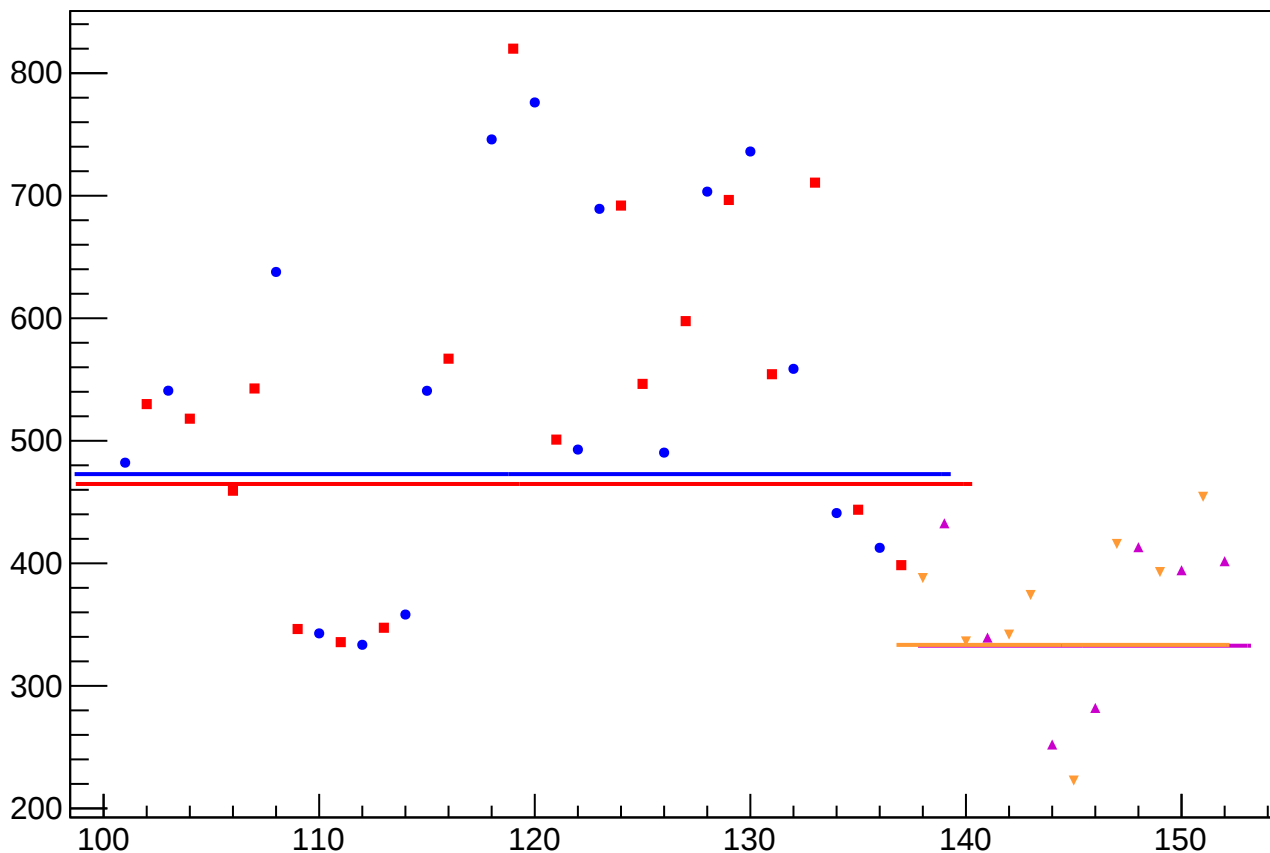
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -214.450+/-113.528 χ^2/NDF :36.1/23

Out: -91.822+/-111.880 χ^2/NDF :34.2/25

All: -152.240+/-79.687 χ^2/NDF : 70.9/49

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 333.445 $\pm$ 0.100 χ^2 /NDF: 629253.5/7

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 332.780 $\pm$ 0.100 χ^2 /NDF: 455883.8/6

Left: 333.112 $\pm$ 0.071 χ^2 /NDF: 1085159.3/14

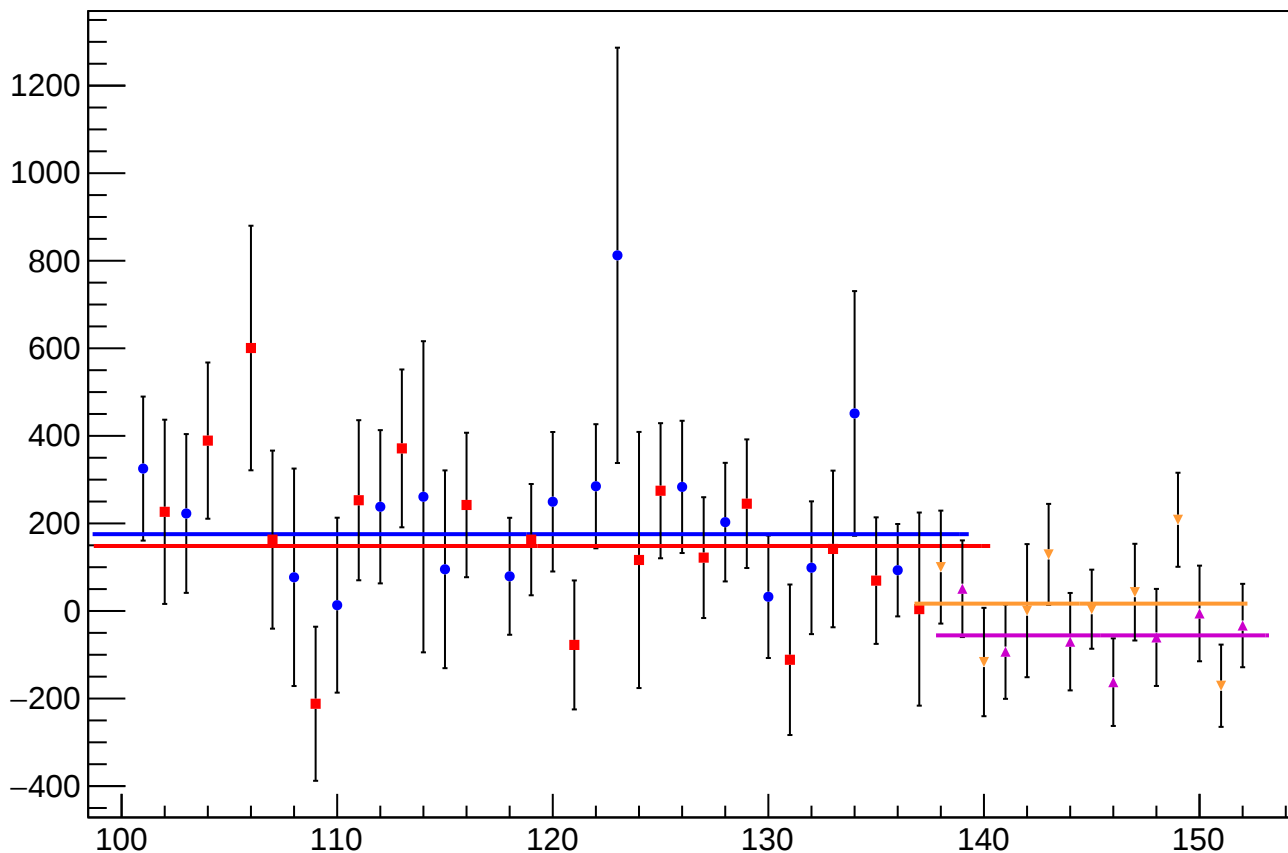
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 382.905 $\pm$ 0.080 χ^2 /NDF: 2051628.9/23

Out: 383.309 $\pm$ 0.079 χ^2 /NDF: 2192981.9/25

All: 383.110 $\pm$ 0.056 χ^2 /NDF: 4244623.6/49

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: 16.783 ± 39.278 $\chi^2/\text{NDF}: 9.8/7$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -55.715 ± 40.027 $\chi^2/\text{NDF}: 2.5/6$

Left: -18.782 ± 28.035 $\chi^2/\text{NDF}: 13.9/14$

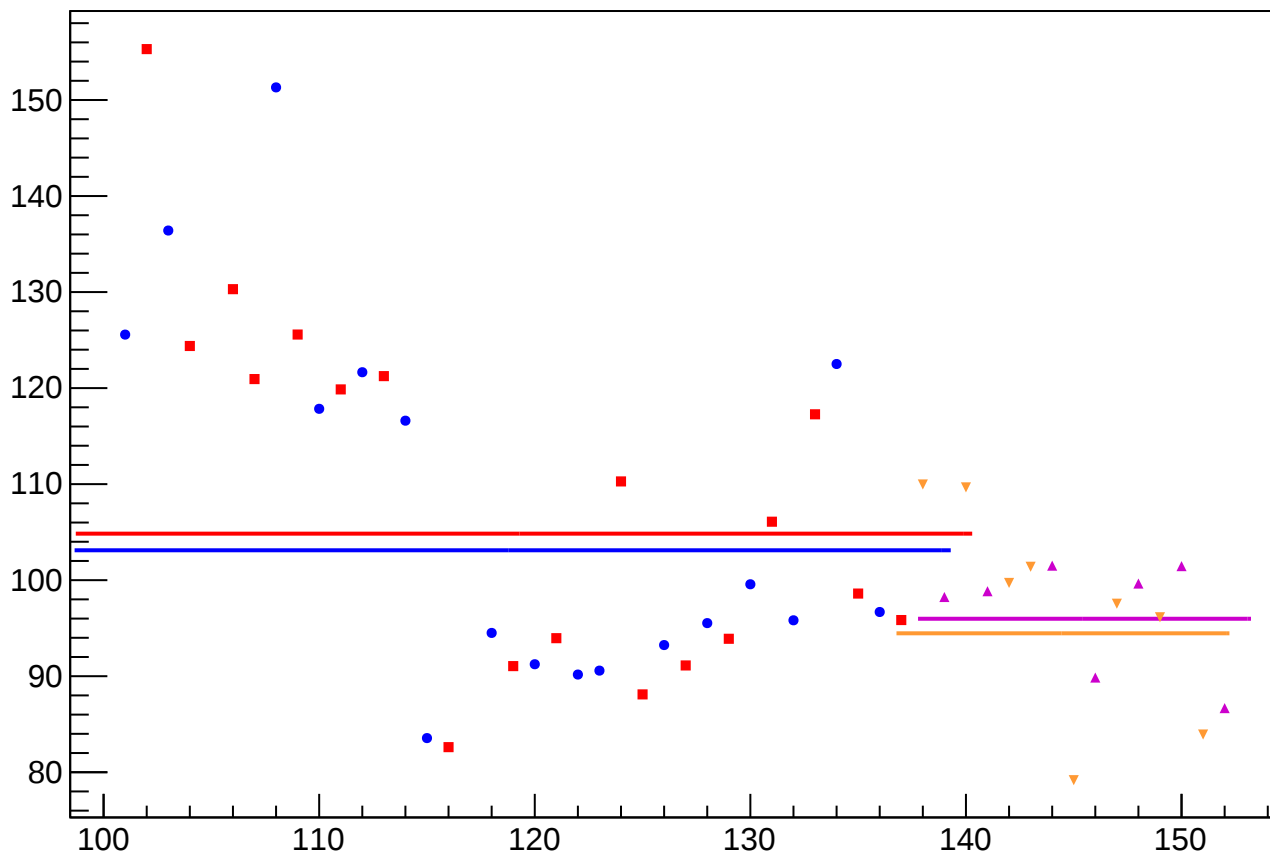
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 58.922 ± 28.420 $\chi^2/\text{NDF}: 27.6/23$

Out: 80.871 ± 28.139 $\chi^2/\text{NDF}: 32.7/25$

All: 70.006 ± 19.996 $\chi^2/\text{NDF}: 60.6/49$

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: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 95.982 $\pm$ 0.028 χ^2/NDF : 40993.2/6

Left: 95.210 $\pm$ 0.020 χ^2/NDF : 195598.4/14

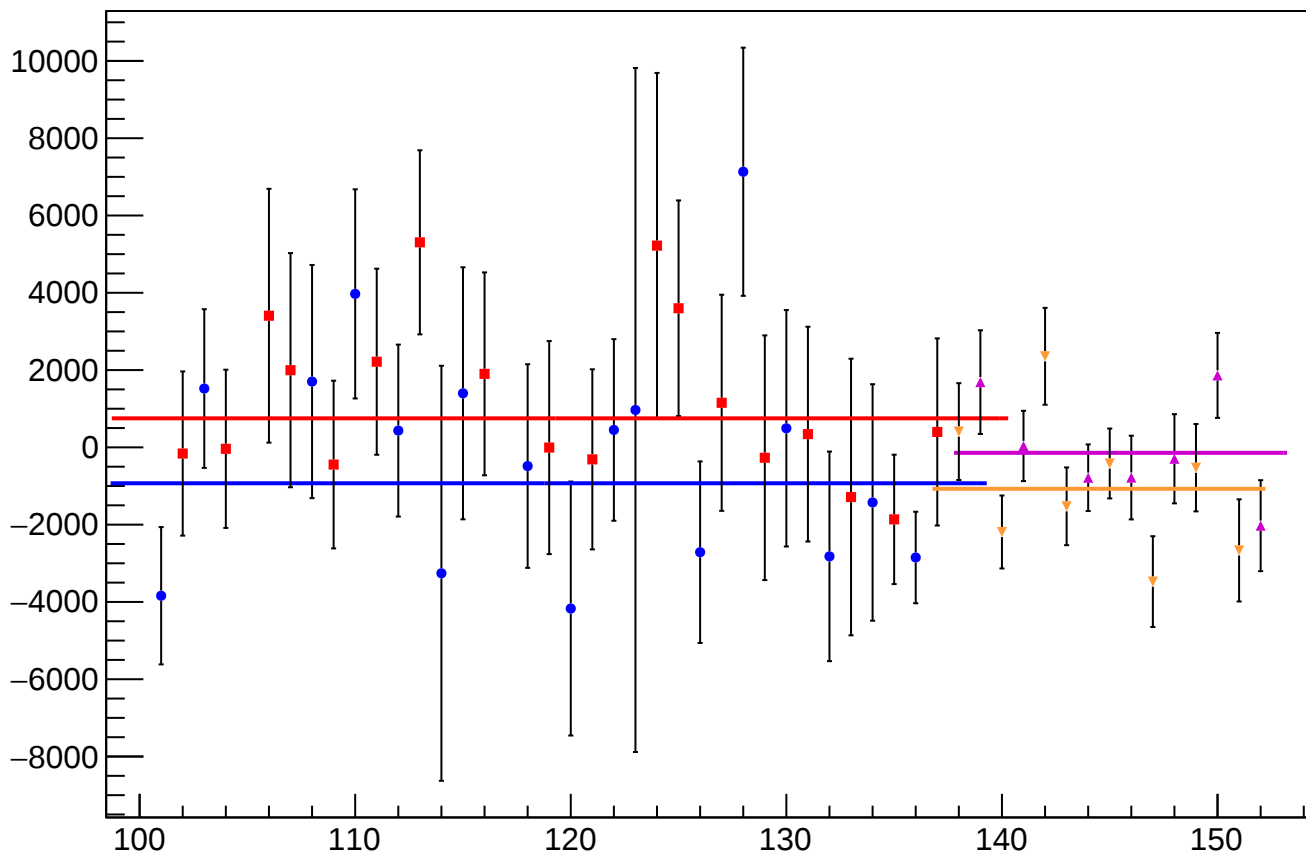
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 99.517 $\pm$ 0.020 χ^2/NDF : 378905.1/23

Out: 99.518 $\pm$ 0.020 χ^2/NDF : 589781.8/25

All: 99.518 $\pm$ 0.014 χ^2/NDF : 968686.9/49

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: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -141.539+/-399.580 χ^2/NDF : 8.7/6

Left: -622.075+/-277.893 χ^2/NDF : 28.4/14

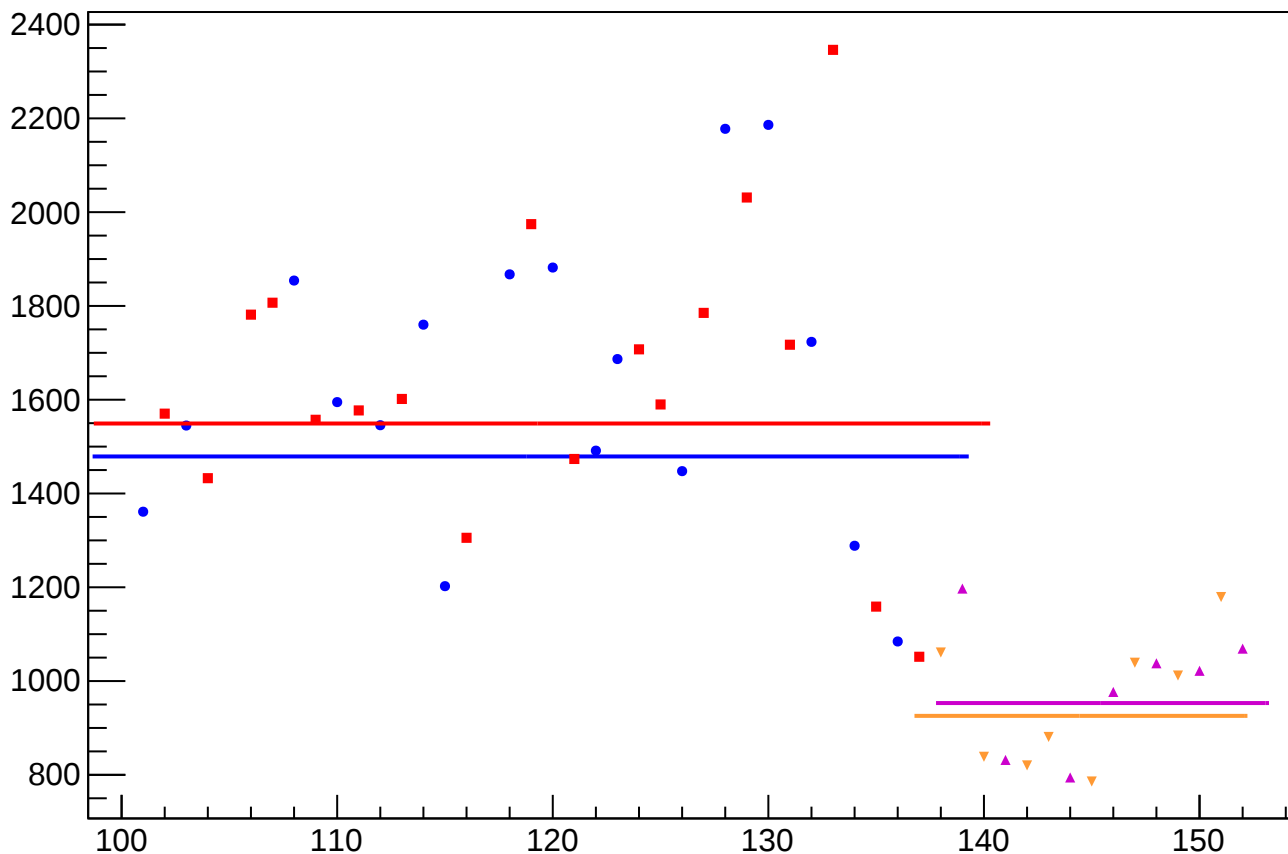
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -390.883+/-330.307 χ^2/NDF : 30.8/23

Out: -530.597+/-324.253 χ^2/NDF : 34.4/25

All: -462.033+/-231.392 χ^2/NDF : 65.3/49

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: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 953.108+/-0.283 χ^2/NDF : 208637.4/6

Left: 938.996+/-0.197 χ^2/NDF : 423664.0/14

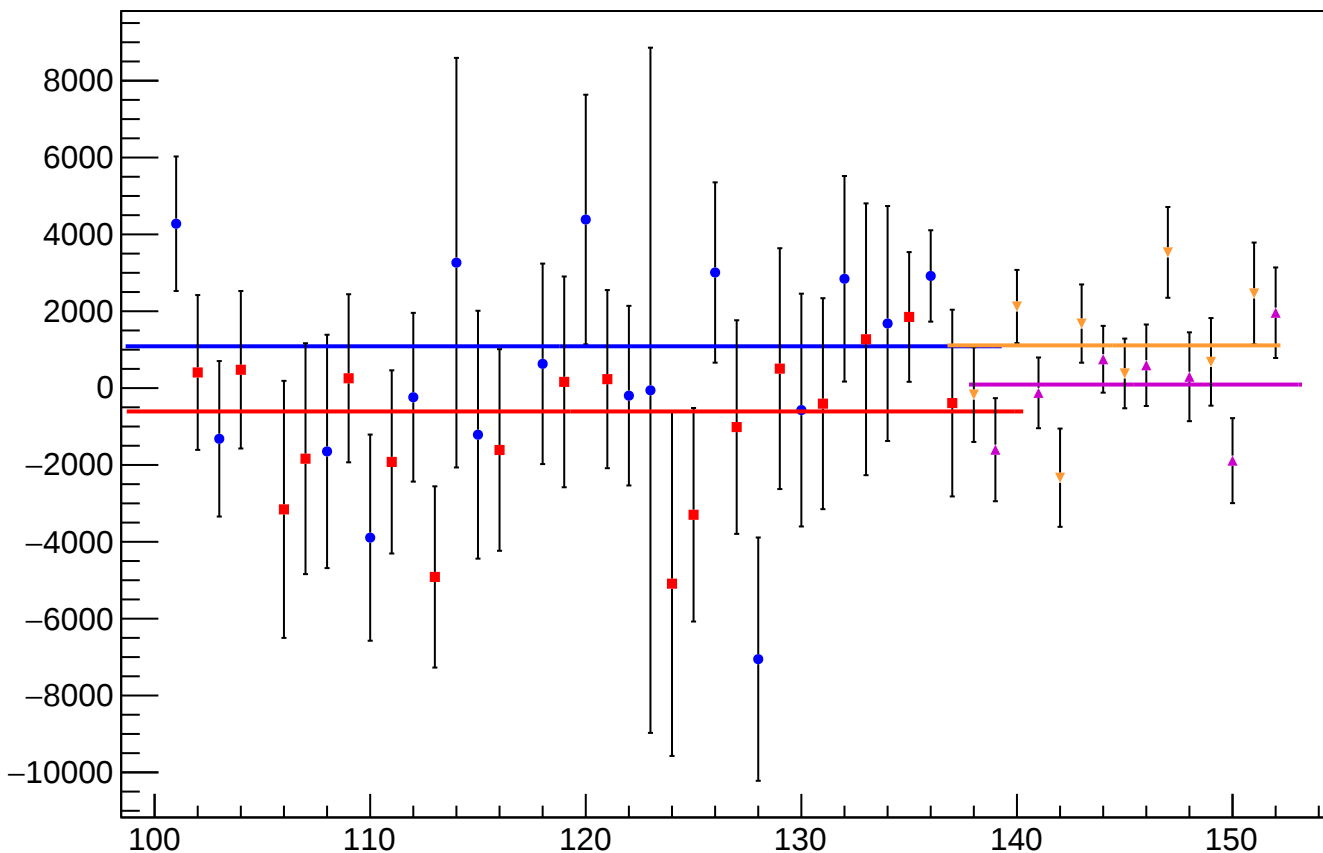
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1119.640+/-0.234 χ^2/NDF : 1895265.6/23

Out: 1110.968+/-0.229 χ^2/NDF : 2216771.7/25

All: 1115.224+/-0.164 χ^2/NDF : 4112739.1/49

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: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 92.370 $\pm$ 400.442 χ^2 /NDF:8.2/6

Left: 616.953 $\pm$ 279.015 χ^2 /NDF: 27.3/14

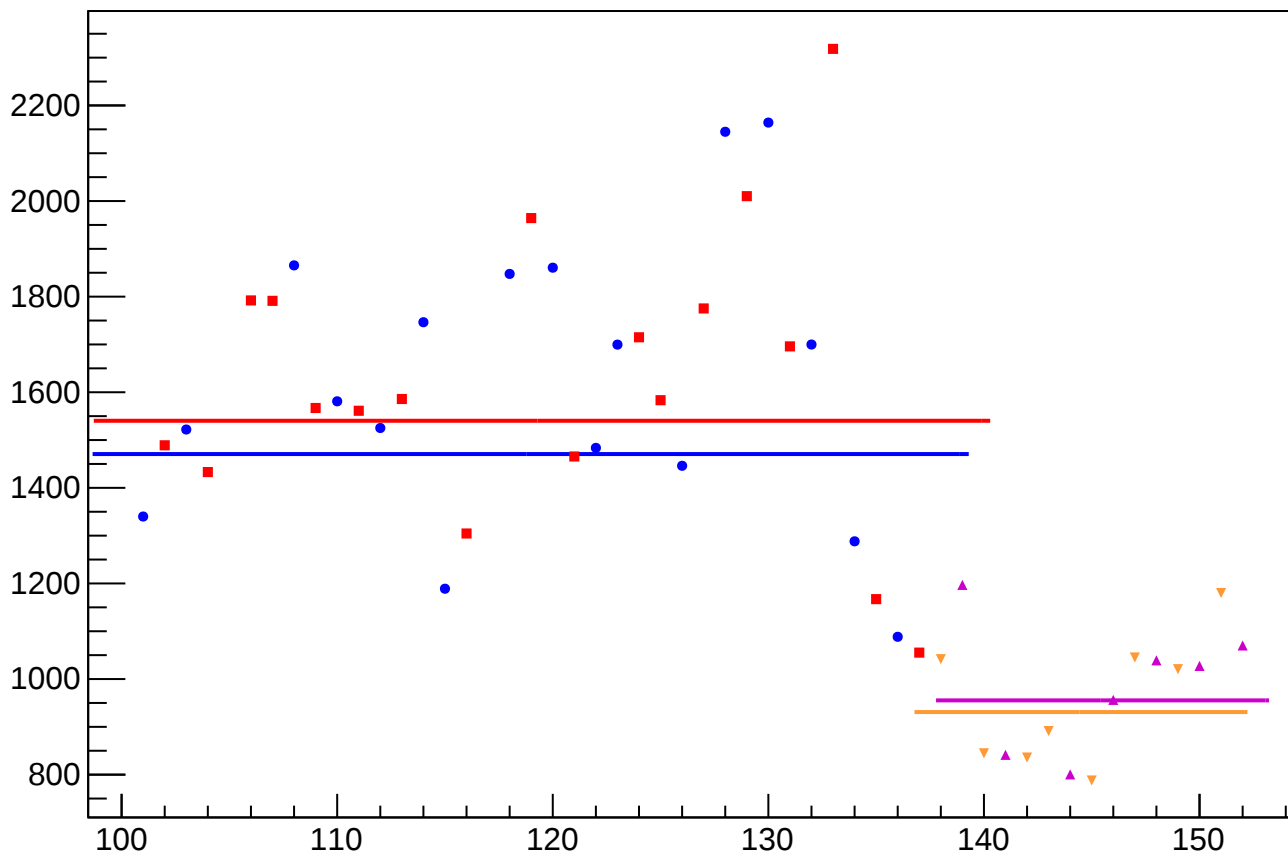
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 411.274 $\pm$ 330.138 χ^2 /NDF:32.0/23

Out: 592.770 $\pm$ 325.011 χ^2 /NDF:31.6/25

All: 503.442 $\pm$ 231.609 χ^2 /NDF: 63.8/49

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: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 955.375 $\pm$ 0.283 χ^2/NDF : 197037.5/6

Left: 942.805 $\pm$ 0.197 χ^2/NDF : 399259.7/14

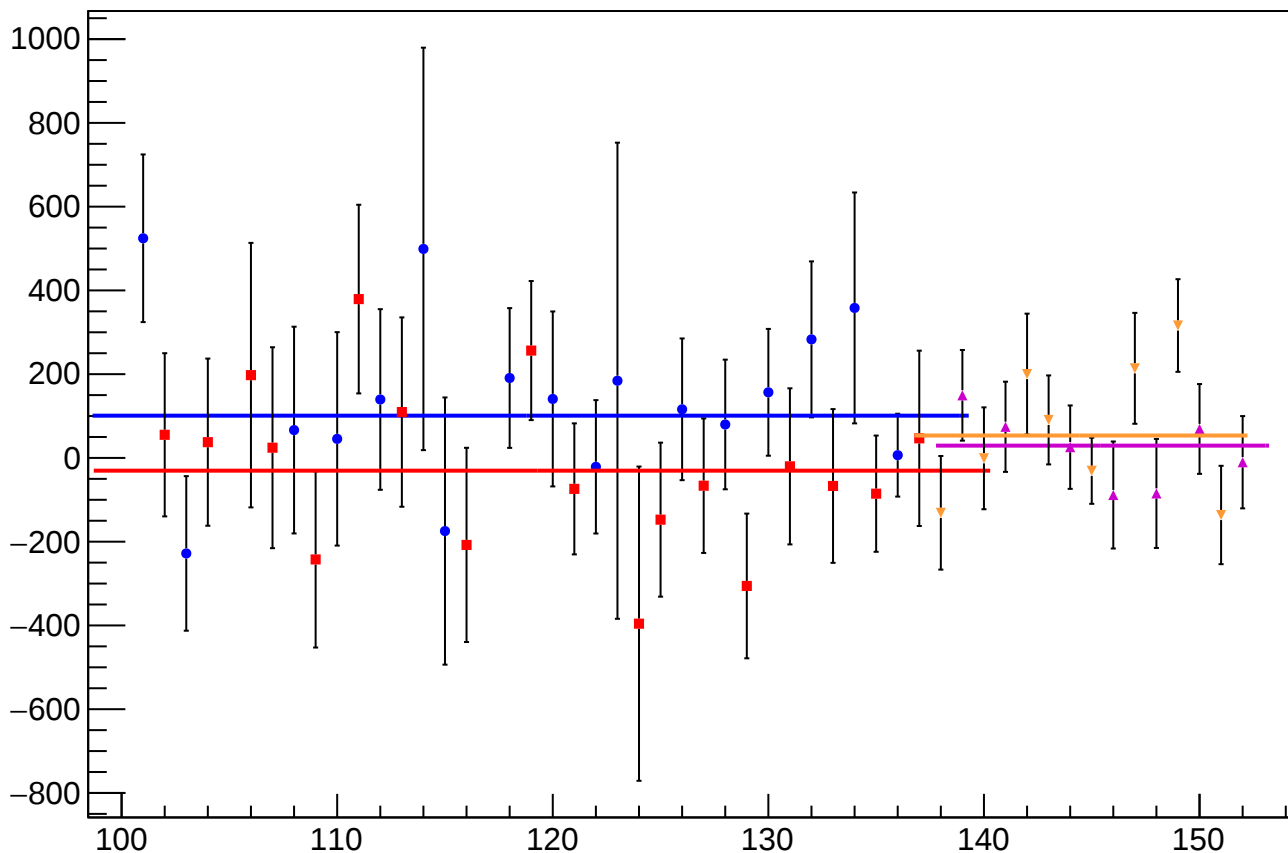
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1120.432 $\pm$ 0.233 χ^2/NDF : 1825611.4/23

Out: 1114.900 $\pm$ 0.230 χ^2/NDF : 2122983.0/25

All: 1117.623 $\pm$ 0.164 χ^2/NDF : 3948879.5/49

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: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: 29.372 $\pm$ 42.177 χ^2 /NDF:3.3/6

Left: 42.132 $\pm$ 28.957 χ^2 /NDF: 17.5/14

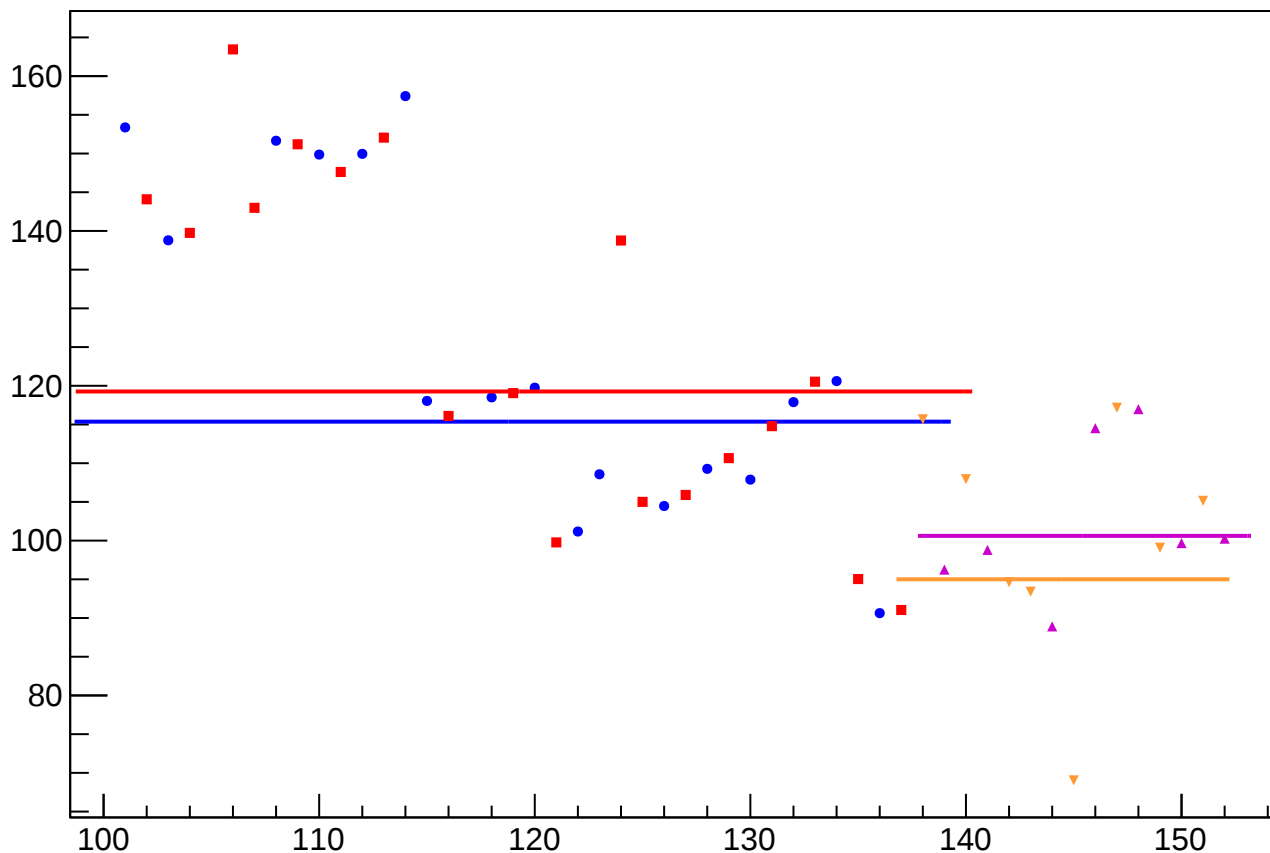
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 62.607 $\pm$ 30.864 χ^2 /NDF:17.7/23

Out: 17.294 $\pm$ 30.028 χ^2 /NDF:29.5/25

All: 39.329 $\pm$ 21.522 χ^2 /NDF: 48.3/49

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: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.613 $\pm$ 0.030 χ^2 /NDF:86913.1/6

Left: 97.647 $\pm$ 0.020 χ^2 /NDF: 465399.9/14

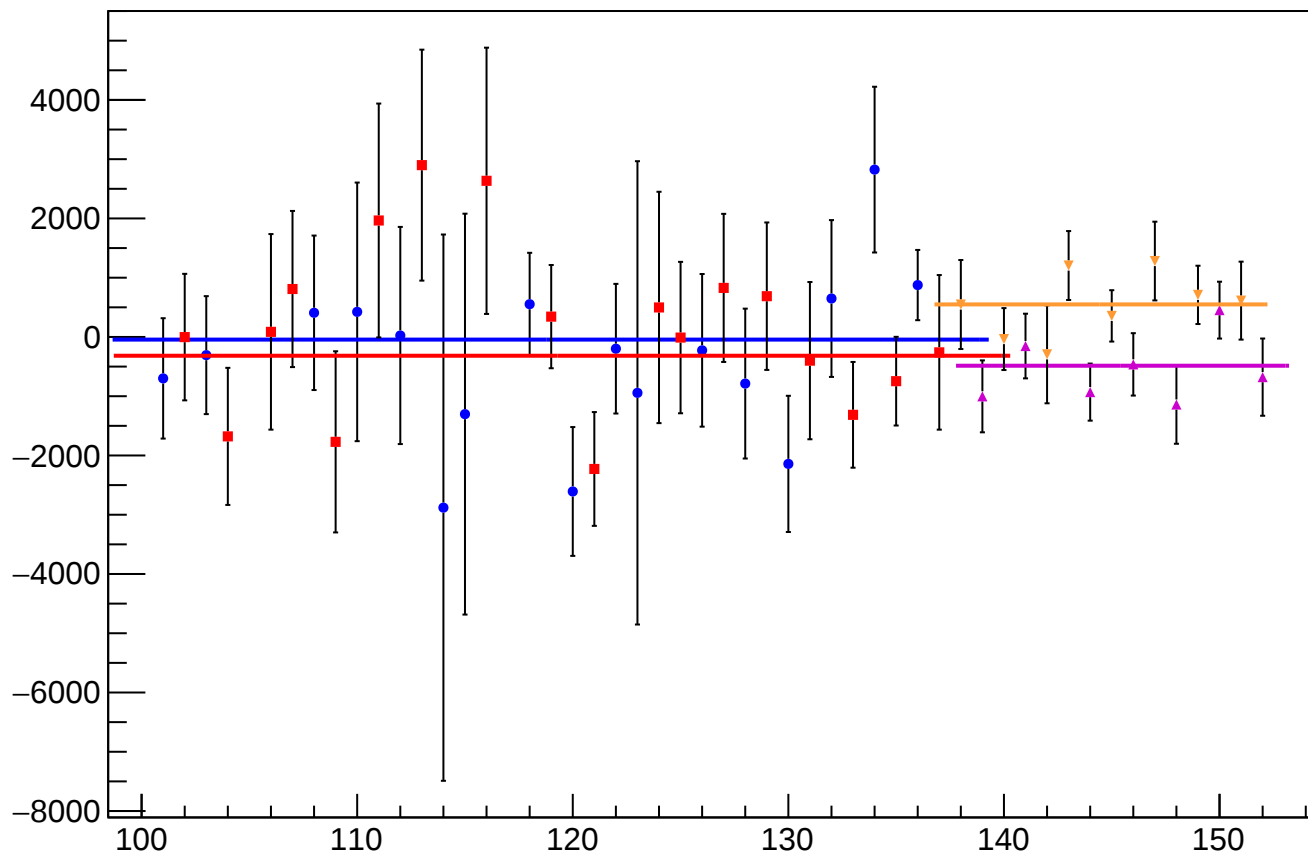
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 107.466 $\pm$ 0.022 χ^2 /NDF:611950.2/23

Out: 105.472 $\pm$ 0.021 χ^2 /NDF:1078348.7/25

All: 106.442 $\pm$ 0.015 χ^2 /NDF: 1694589.8/49

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: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -485.457 ± 208.650 $\chi^2/\text{NDF}: 6.8/6$

Left: 42.103 ± 146.077 $\chi^2/\text{NDF}: 24.5/14$

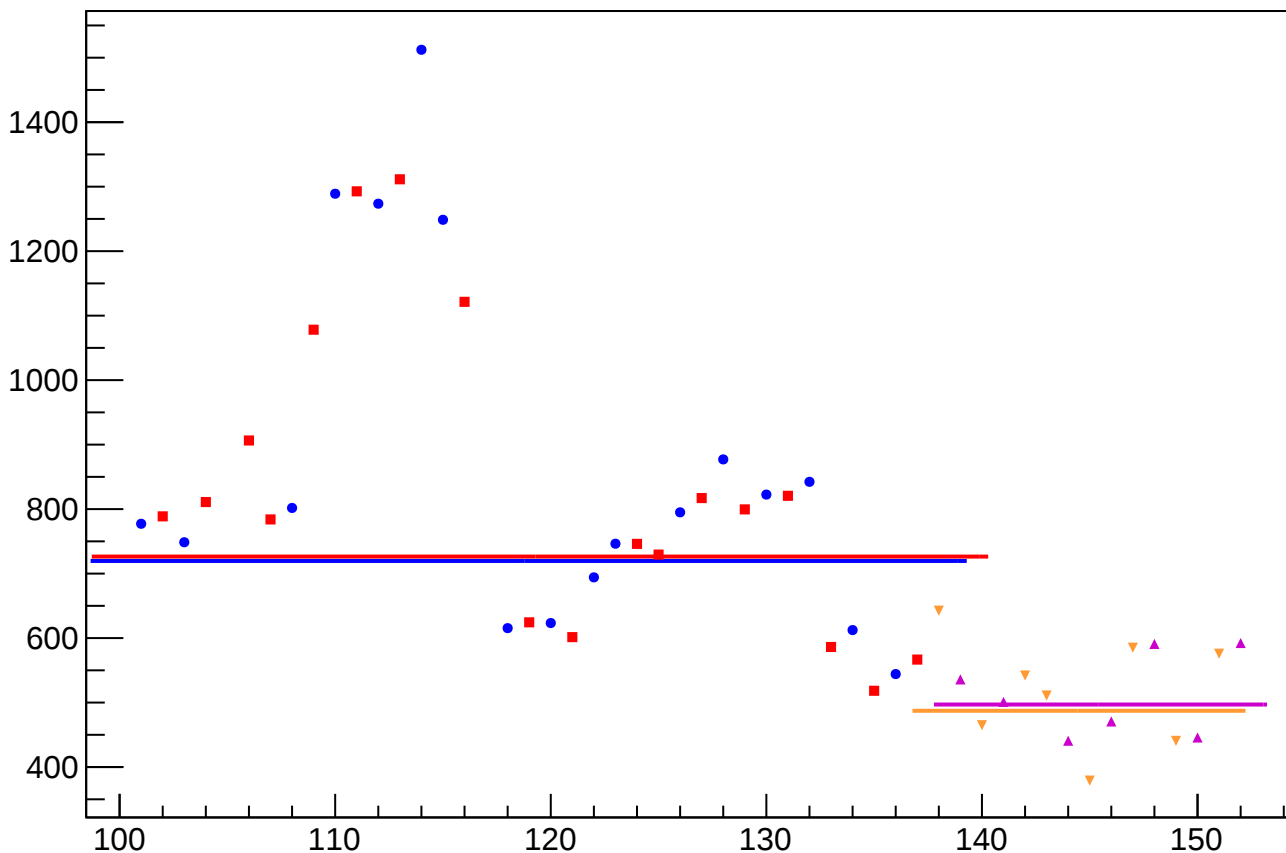
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -332.504 ± 168.618 $\chi^2/\text{NDF}: 26.3/23$

Out: 252.120 ± 165.817 $\chi^2/\text{NDF}: 28.0/25$

All: -35.296 ± 118.228 $\chi^2/\text{NDF}: 60.4/49$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606+/-0.202 χ^2/NDF : 746949.1/16

Left Out: 487.273+/-0.145 χ^2/NDF : 323599.5/7

Right Out: 726.397+/-0.200 χ^2/NDF : 880989.6/17

Left In: 496.969+/-0.148 χ^2/NDF : 146290.9/6

Left: 492.025+/-0.103 χ^2/NDF : 472092.6/14

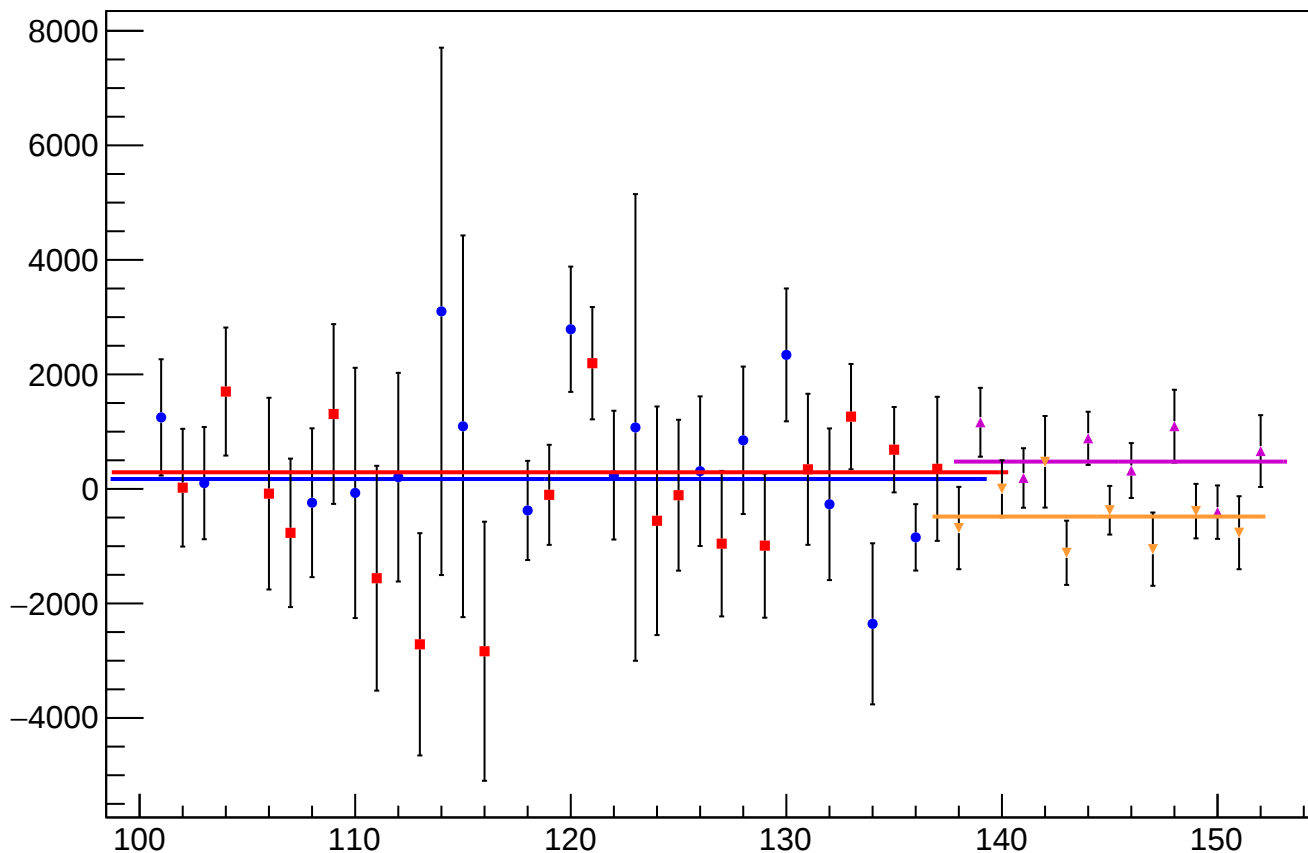
Right: 723.039+/-0.142 χ^2/NDF : 1628507.7/34

In: 574.204+/-0.119 χ^2/NDF : 1683195.2/23

Out: 569.301+/-0.117 χ^2/NDF : 2141931.8/25

All: 571.711+/-0.084 χ^2/NDF : 3825986.4/49

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: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 476.950 $\pm$ 199.731 χ^2 /NDF:7.1/6

Left: -7.658 $\pm$ 140.524 χ^2 /NDF: 23.6/14

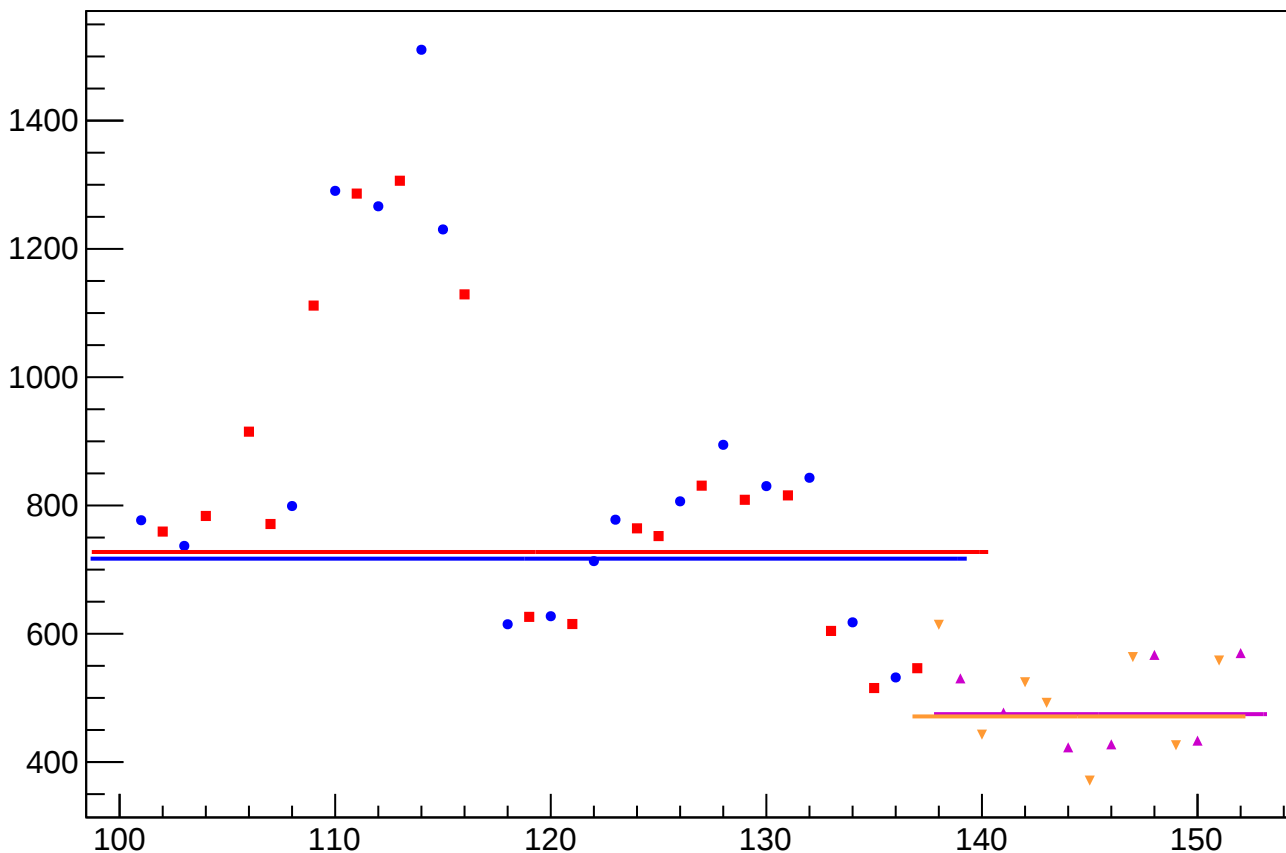
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 377.214 $\pm$ 163.690 χ^2 /NDF:26.0/23

Out: -229.583 $\pm$ 162.197 χ^2 /NDF:25.5/25

All: 71.036 $\pm$ 115.215 χ^2 /NDF: 58.4/49

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 471.121 $\pm$ 0.140 χ^2 /NDF: 305090.2/7

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 474.689 $\pm$ 0.141 χ^2 /NDF: 165344.0/6

Left: 472.887 $\pm$ 0.099 χ^2 /NDF: 470756.7/14

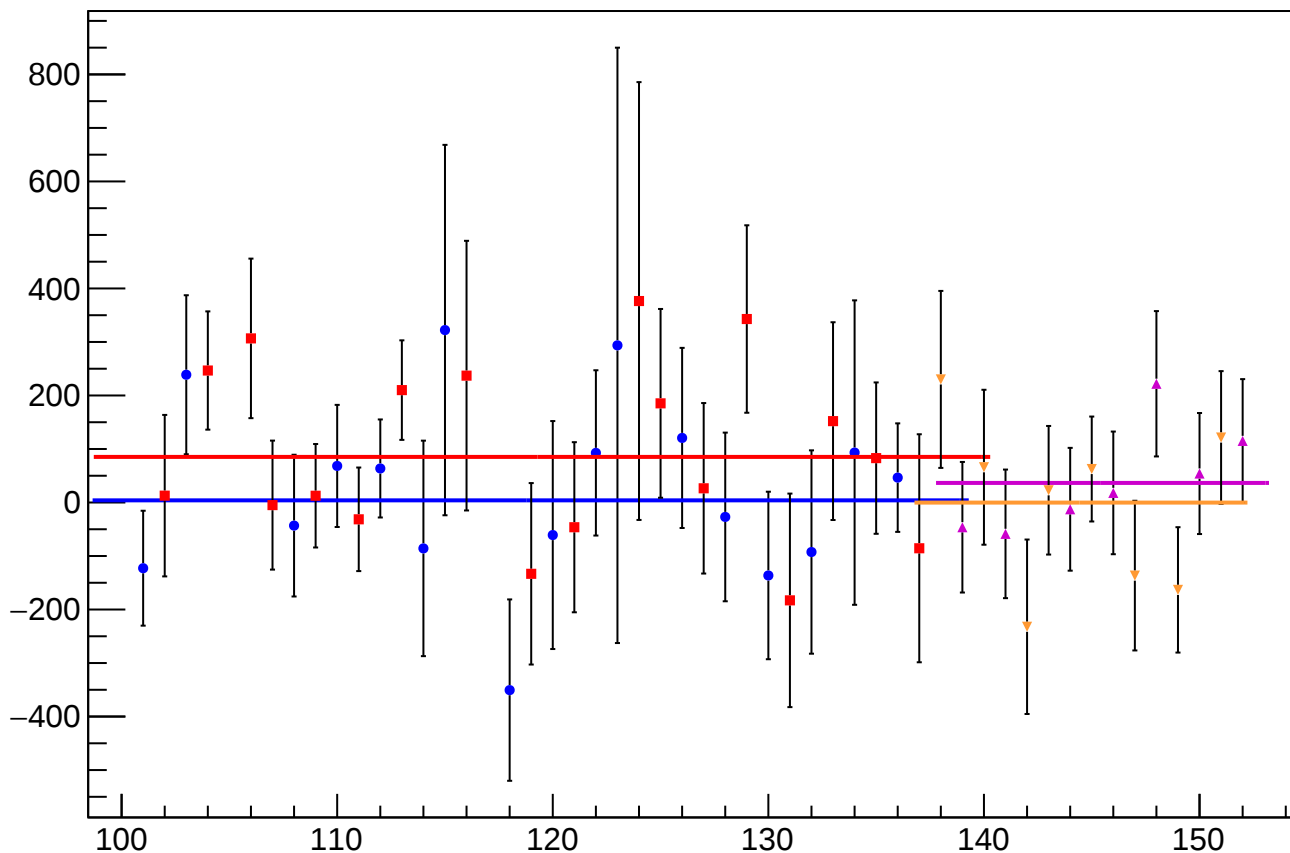
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 554.274 $\pm$ 0.116 χ^2 /NDF: 1914937.3/23

Out: 555.010 $\pm$ 0.115 χ^2 /NDF: 2286113.9/25

All: 554.646 $\pm$ 0.081 χ^2 /NDF: 4201071.6/49

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: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 36.583 ± 44.905 $\chi^2/\text{NDF}: 3.6/6$

Left: 18.427 ± 31.942 $\chi^2/\text{NDF}: 12.4/14$

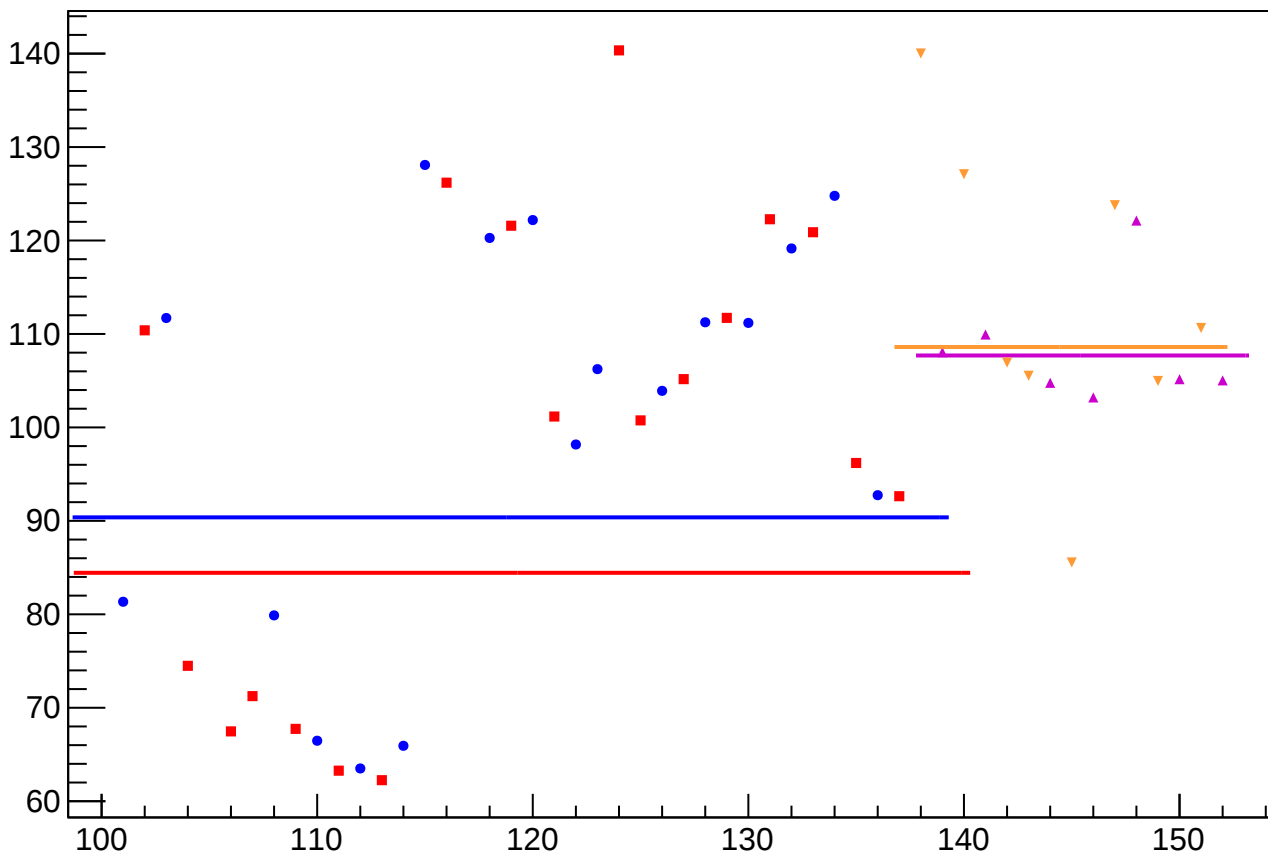
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 16.733 ± 28.064 $\chi^2/\text{NDF}: 16.7/23$

Out: 55.250 ± 26.920 $\chi^2/\text{NDF}: 28.1/25$

All: 36.793 ± 19.427 $\chi^2/\text{NDF}: 45.8/49$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 108.604 $\pm$ 0.032 χ^2 /NDF: 242873.2/7

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 107.696 $\pm$ 0.032 χ^2 /NDF: 29745.1/6

Left: 108.145 $\pm$ 0.023 χ^2 /NDF: 273021.5/14

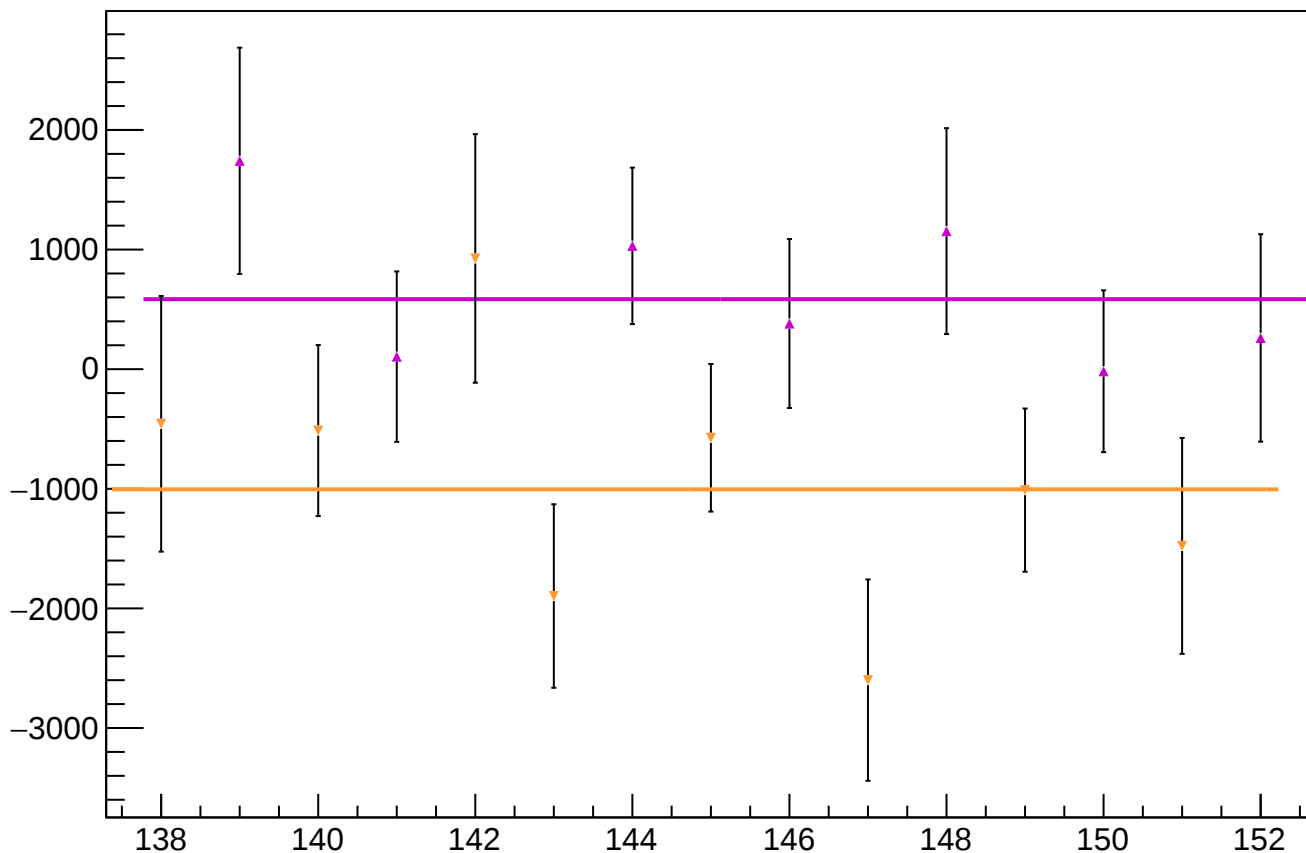
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 97.141 $\pm$ 0.020 χ^2 /NDF: 865234.7/23

Out: 92.920 $\pm$ 0.019 χ^2 /NDF: 1480655.5/25

All: 94.942 $\pm$ 0.014 χ^2 /NDF: 2369454.9/49

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: 585.371+/-285.203 χ^2/NDF : 3.9/6

Left: -227.894+/-199.343 χ^2/NDF : 29.7/14

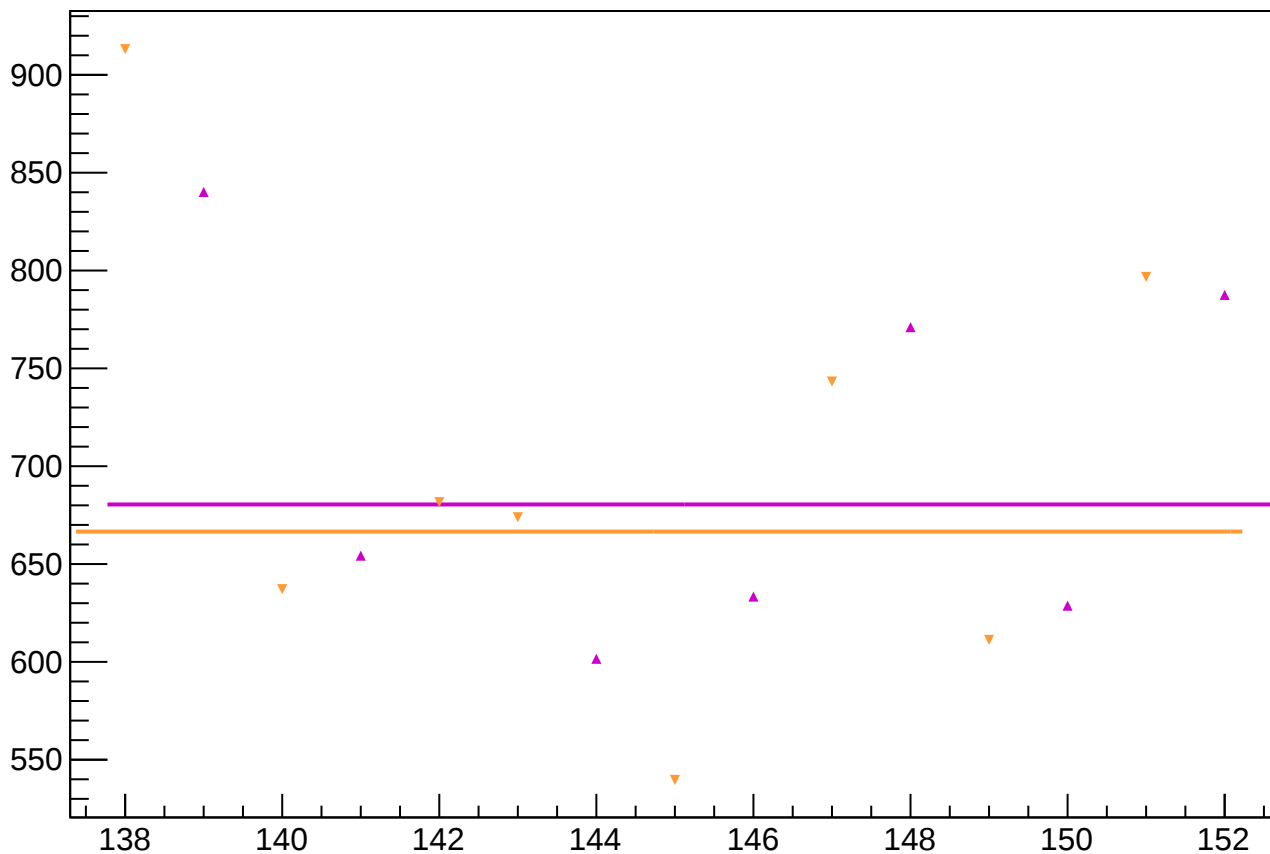
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 585.371+/-285.203 χ^2/NDF : 3.9/6

Out: -1004.686+/-278.735 χ^2/NDF : 9.9/7

All: -227.894+/-199.343 χ^2/NDF : 29.7/14

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 666.604+/-0.197 χ^2/NDF :266400.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Left: 673.368+/-0.141 χ^2/NDF : 430863.7/14

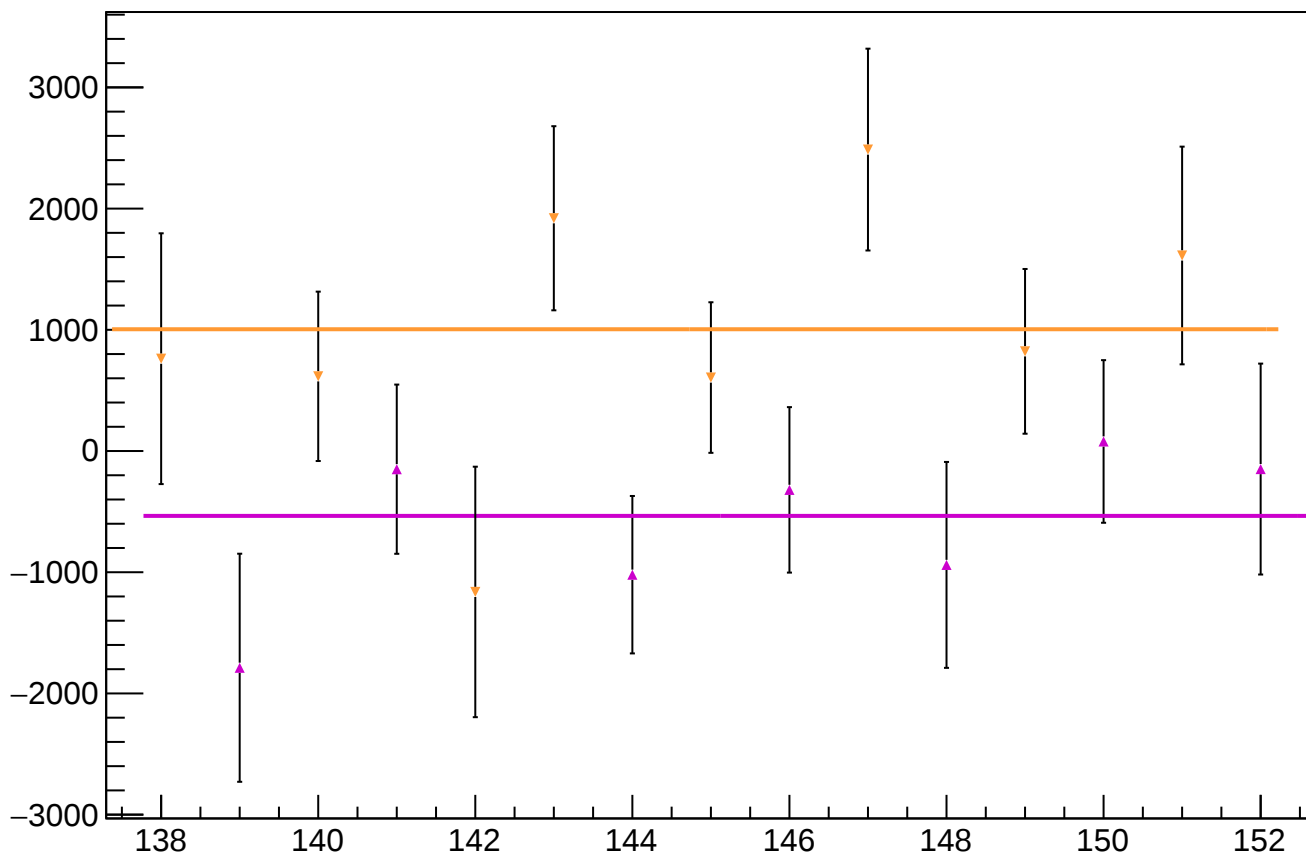
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Out: 666.604+/-0.197 χ^2/NDF :266400.1/7

All: 673.368+/-0.141 χ^2/NDF : 430863.7/14

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1004.678+/-276.359 χ^2/NDF :10.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -535.172+/-281.409 χ^2/NDF :4.0/6

Left: 248.693+/-197.176 χ^2/NDF : 29.6/14

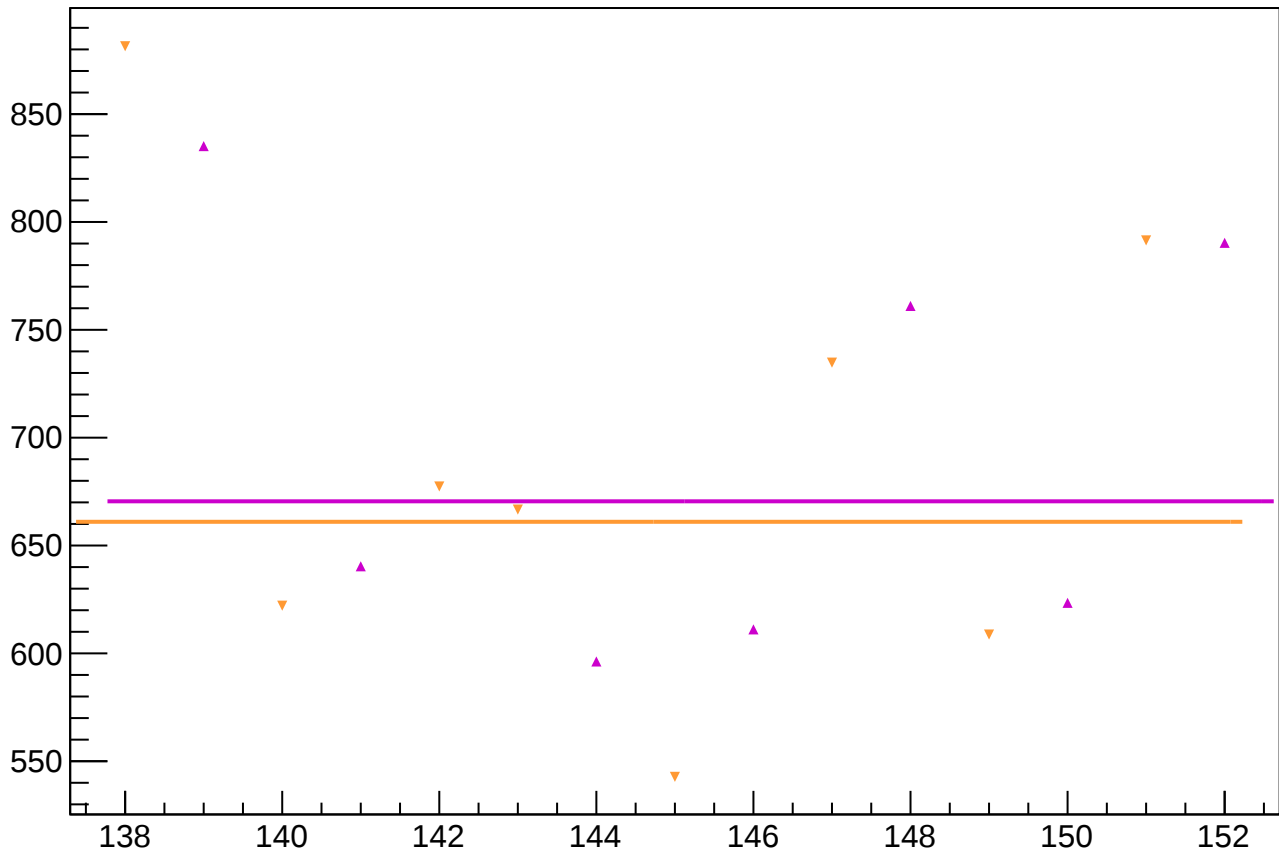
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -535.172+/-281.409 χ^2/NDF :4.0/6

Out: 1004.678+/-276.359 χ^2/NDF :10.3/7

All: 248.693+/-197.176 χ^2/NDF : 29.6/14

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 661.002+/-0.195 χ^2/NDF :239871.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Left: 665.663+/-0.139 χ^2/NDF : 417822.0/14

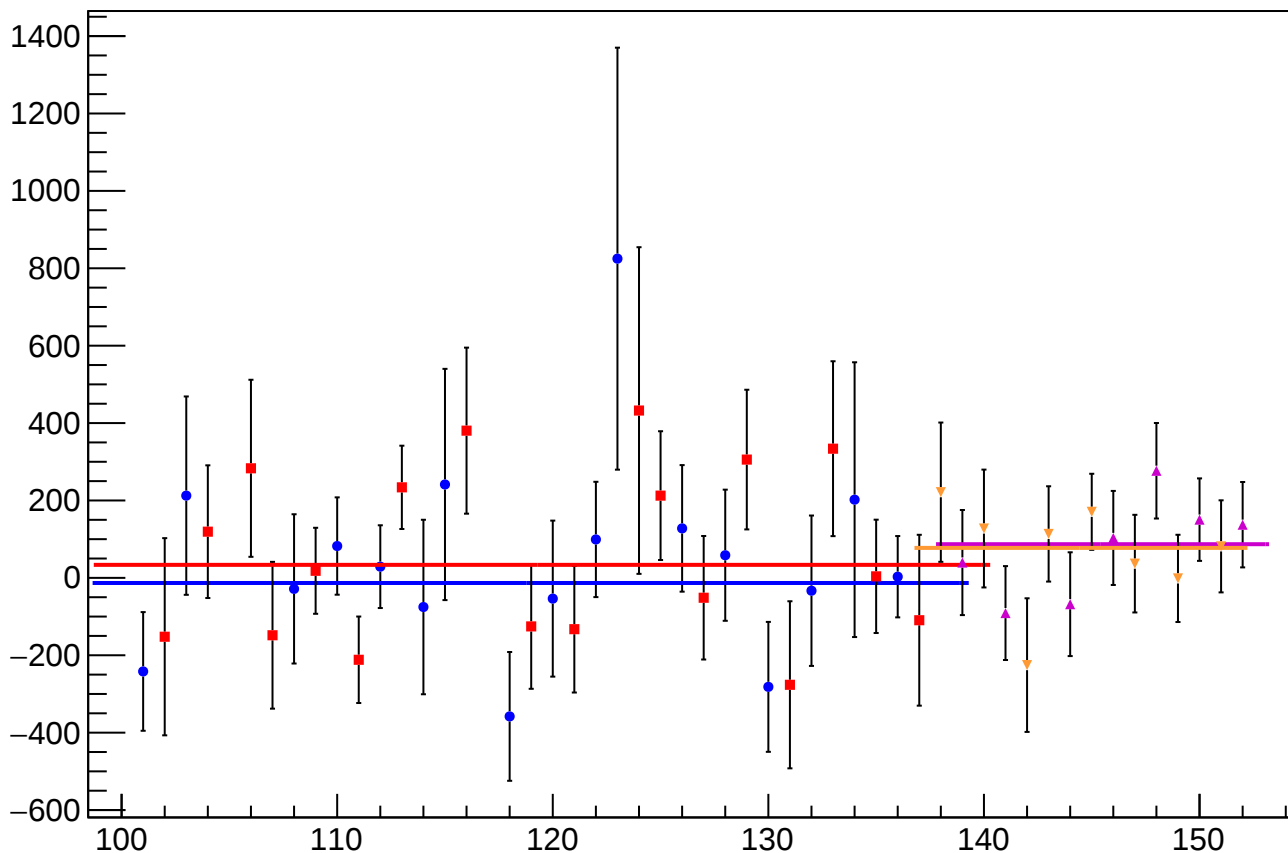
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Out: 661.002+/-0.195 χ^2/NDF :239871.9/7

All: 665.663+/-0.139 χ^2/NDF : 417822.0/14

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 77.462 ± 45.208 $\chi^2/\text{NDF}: 5.4/7$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 87.008 ± 45.580 $\chi^2/\text{NDF}: 6.6/6$

Left: 82.196 ± 32.098 $\chi^2/\text{NDF}: 12.0/14$

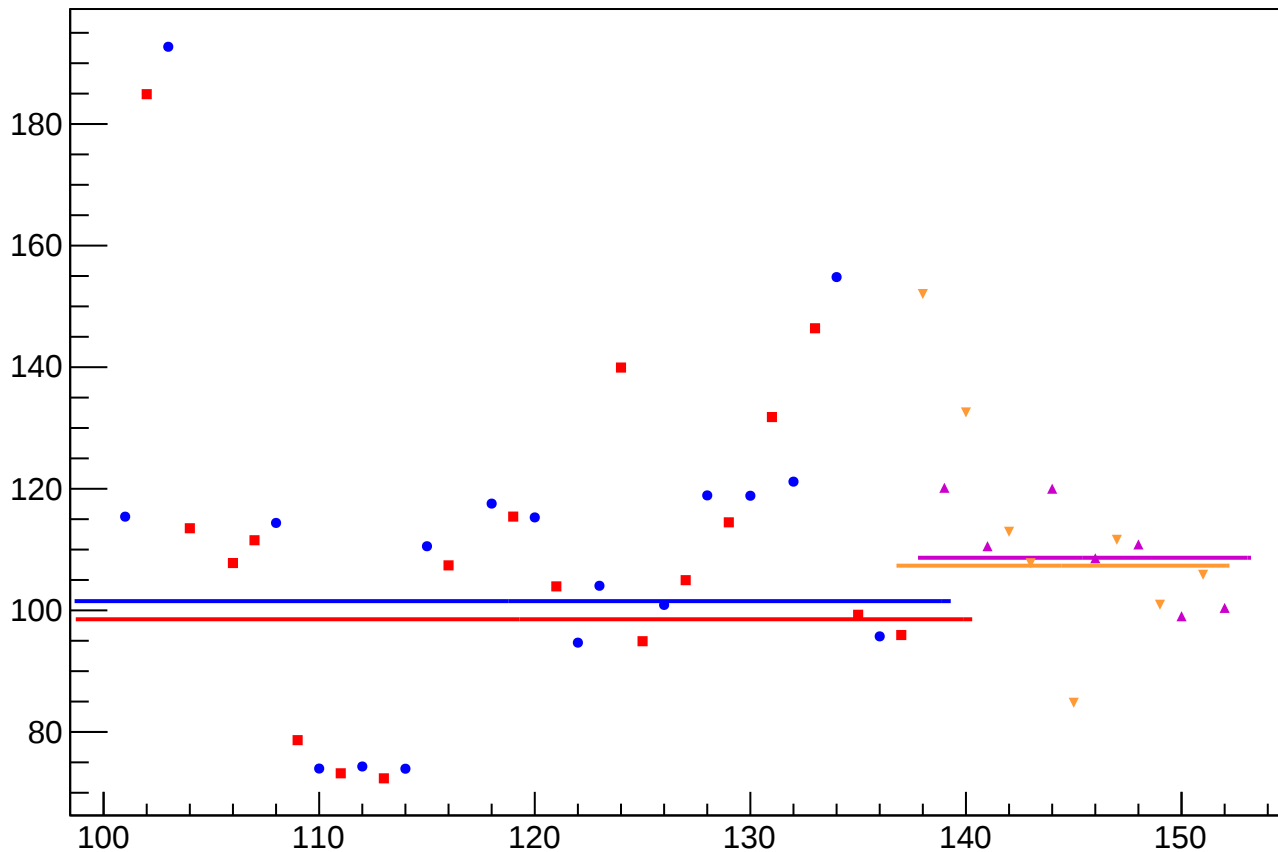
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 31.068 ± 30.298 $\chi^2/\text{NDF}: 24.9/23$

Out: 52.276 ± 29.483 $\chi^2/\text{NDF}: 30.6/25$

All: 41.961 ± 21.130 $\chi^2/\text{NDF}: 55.8/49$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 107.353 $\pm$ 0.032 χ^2 /NDF: 294598.4/7

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 108.654 $\pm$ 0.032 χ^2 /NDF: 57311.4/6

Left: 107.999 $\pm$ 0.023 χ^2 /NDF: 352731.3/14

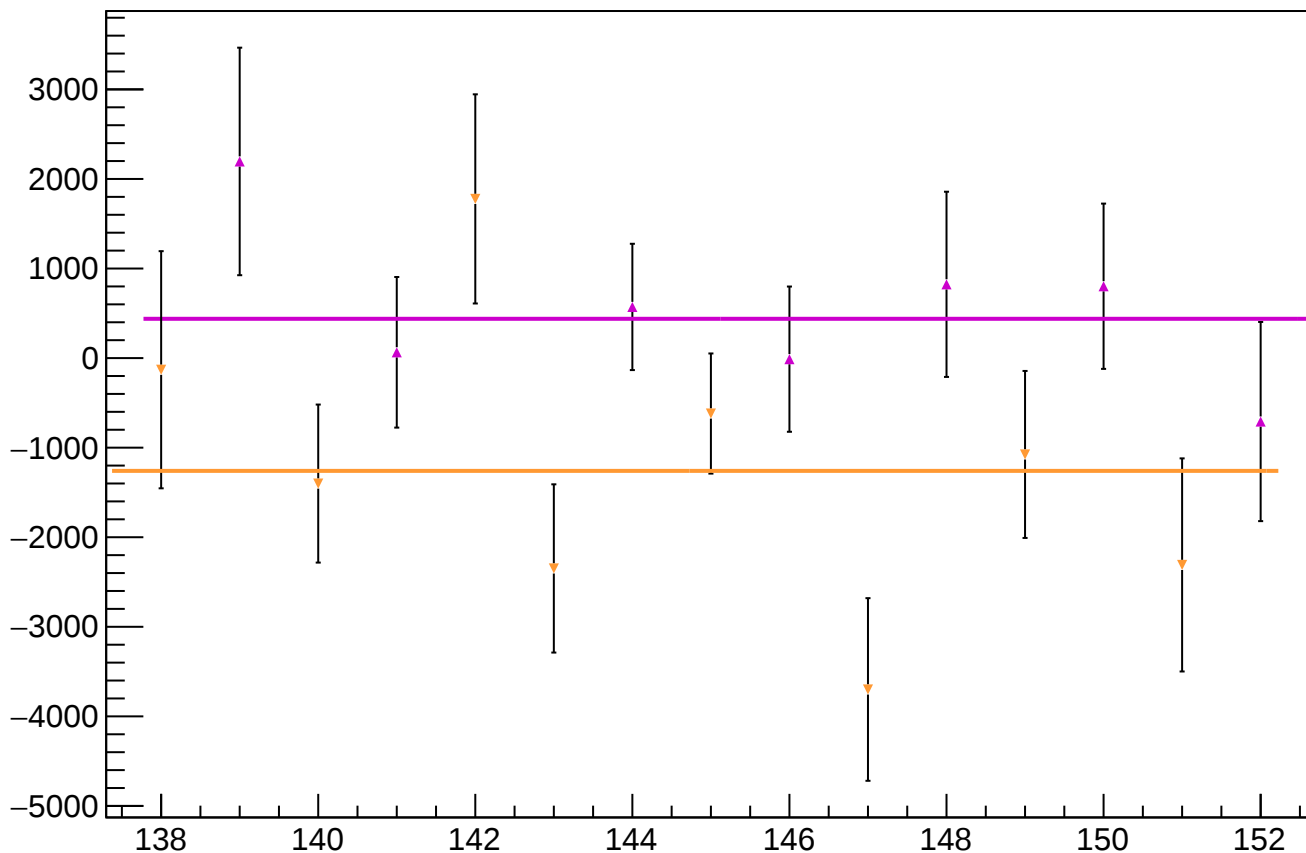
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.672 $\pm$ 0.021 χ^2 /NDF: 766381.4/23

Out: 102.286 $\pm$ 0.021 χ^2 /NDF: 1085295.0/25

All: 103.447 $\pm$ 0.015 χ^2 /NDF: 1858044.0/49

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: 438.706+/-343.265 χ^2/NDF :3.8/6

Left: -423.981+/-240.754 χ^2/NDF : 32.6/14

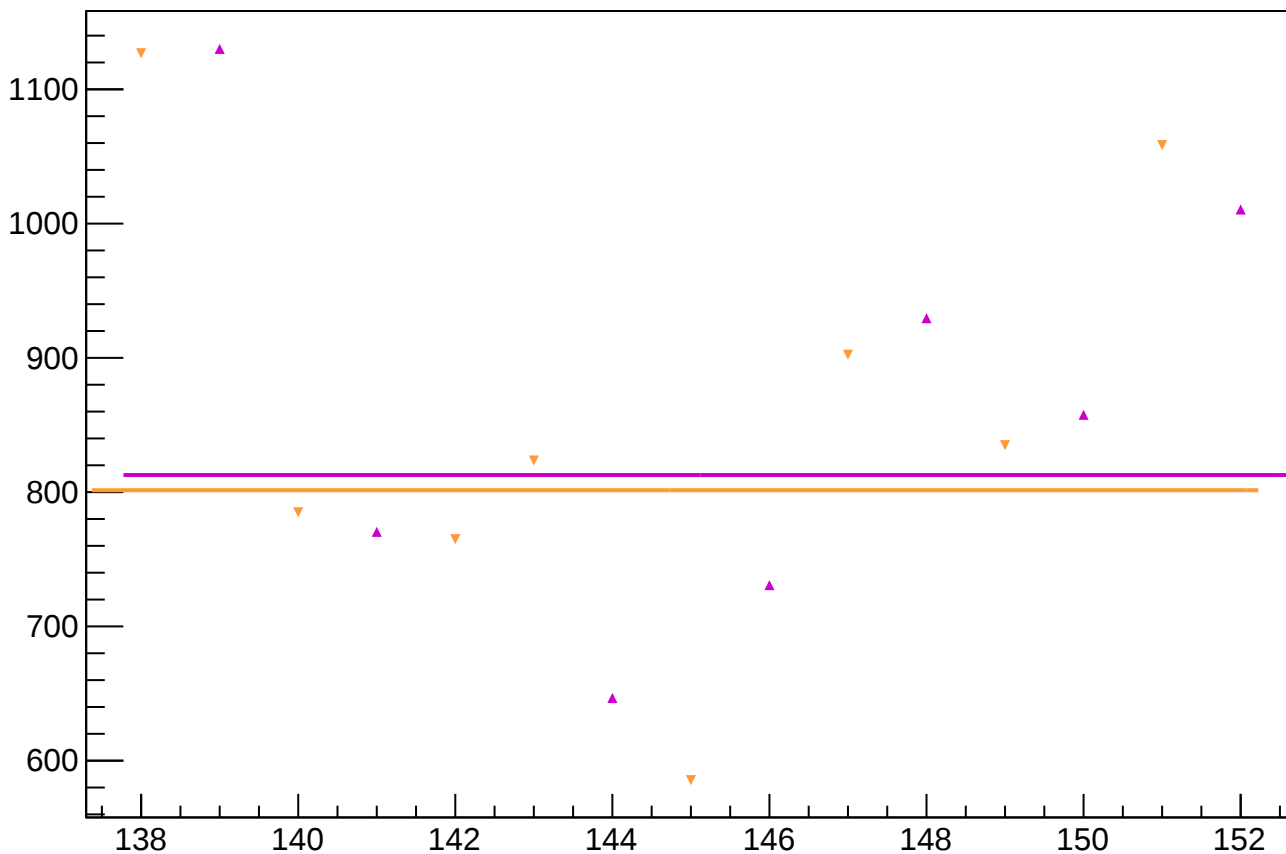
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.706+/-343.265 χ^2/NDF :3.8/6

Out: -1259.213+/-337.759 χ^2/NDF :16.3/7

All: -423.981+/-240.754 χ^2/NDF : 32.6/14

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 801.418+/-0.239 χ^2/NDF : 447505.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 812.756+/-0.243 χ^2/NDF : 354855.1/6

Left: 806.995+/-0.170 χ^2/NDF : 803469.3/14

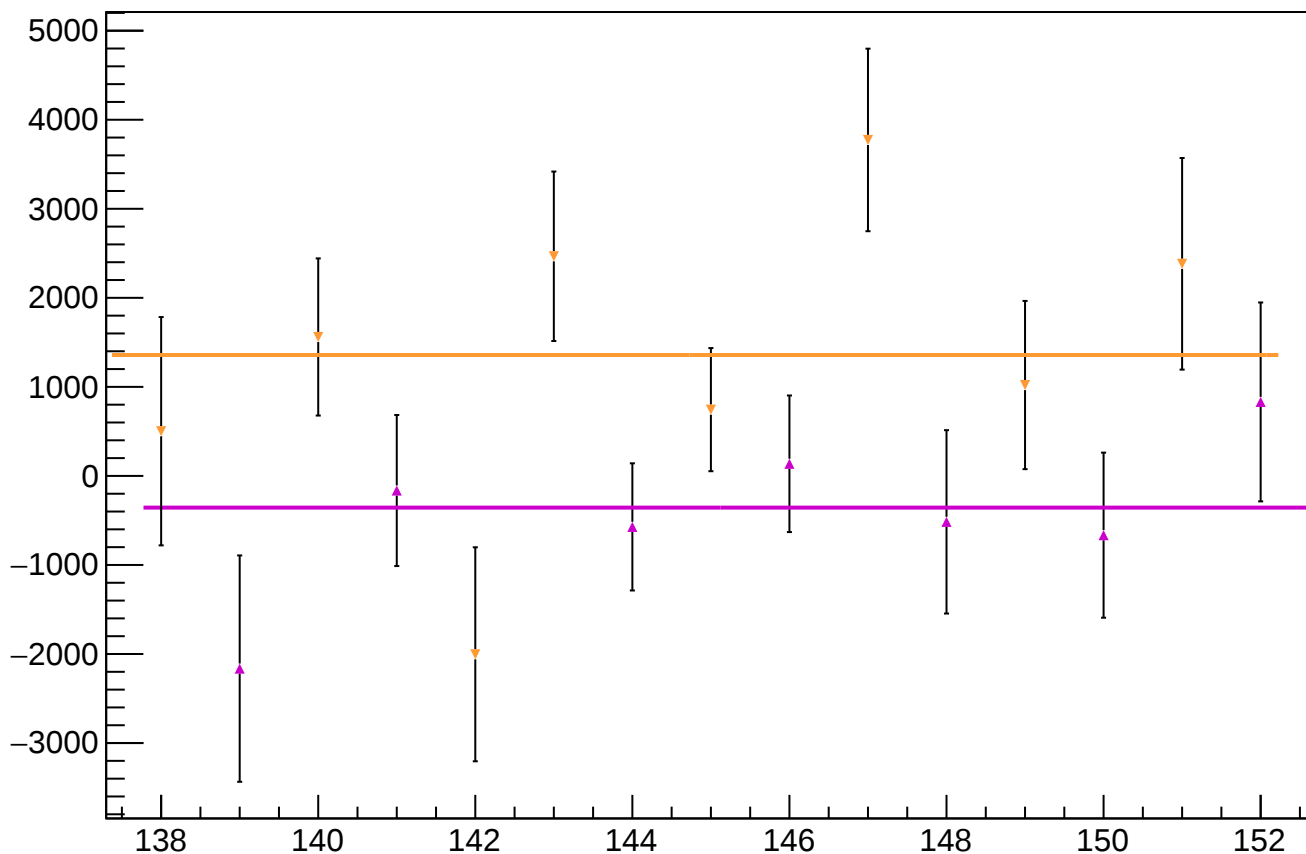
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 812.756+/-0.243 χ^2/NDF : 354855.1/6

Out: 801.418+/-0.239 χ^2/NDF : 447505.6/7

All: 806.995+/-0.170 χ^2/NDF : 803469.3/14

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1357.854+/-341.758 χ^2/NDF :16.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -355.937+/-341.413 χ^2/NDF :3.8/6

Left: 500.091+/-241.537 χ^2/NDF : 33.3/14

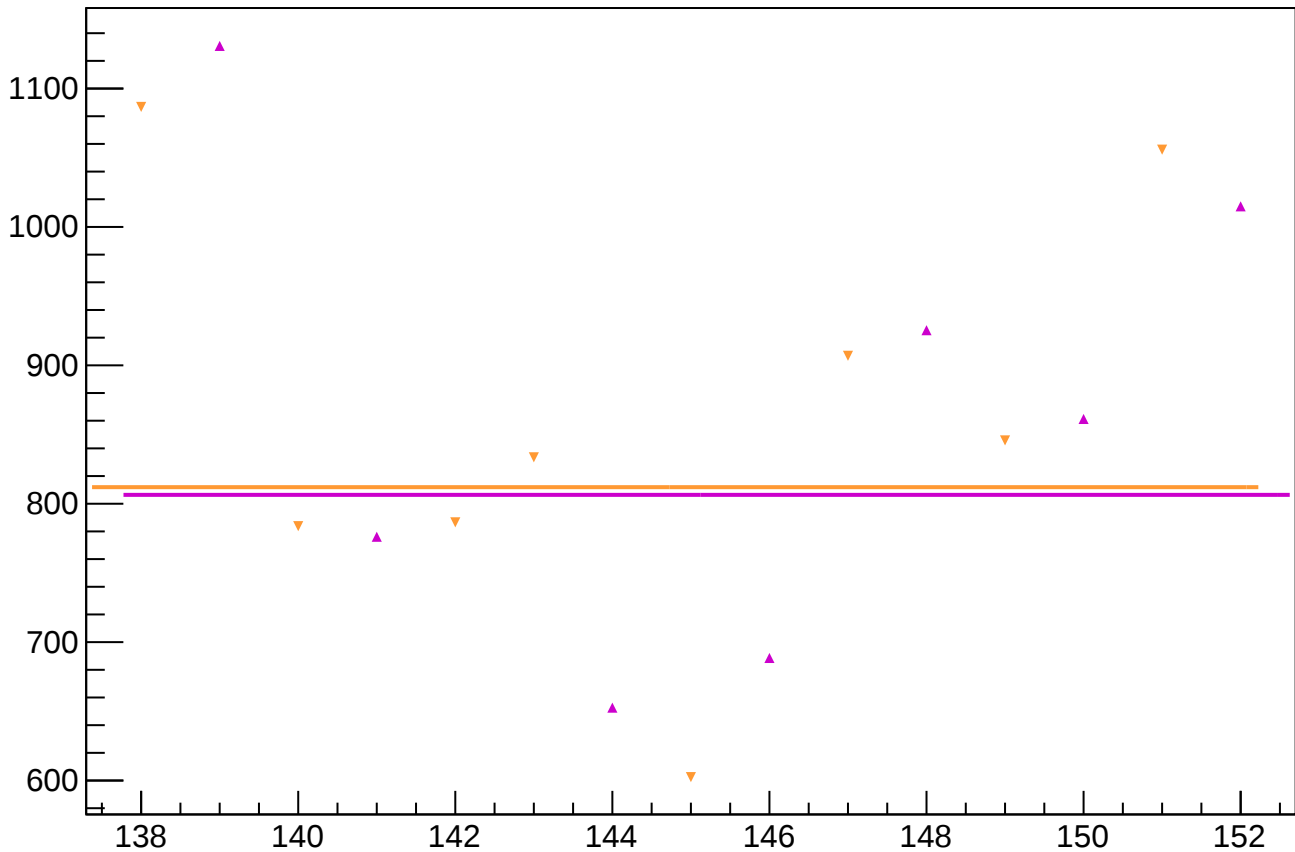
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -355.937+/-341.413 χ^2/NDF :3.8/6

Out: 1357.854+/-341.758 χ^2/NDF :16.9/7

All: 500.091+/-241.537 χ^2/NDF : 33.3/14

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 811.972+/-0.242 χ^2/NDF :383392.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Left: 809.190+/-0.171 χ^2/NDF : 759809.7/14

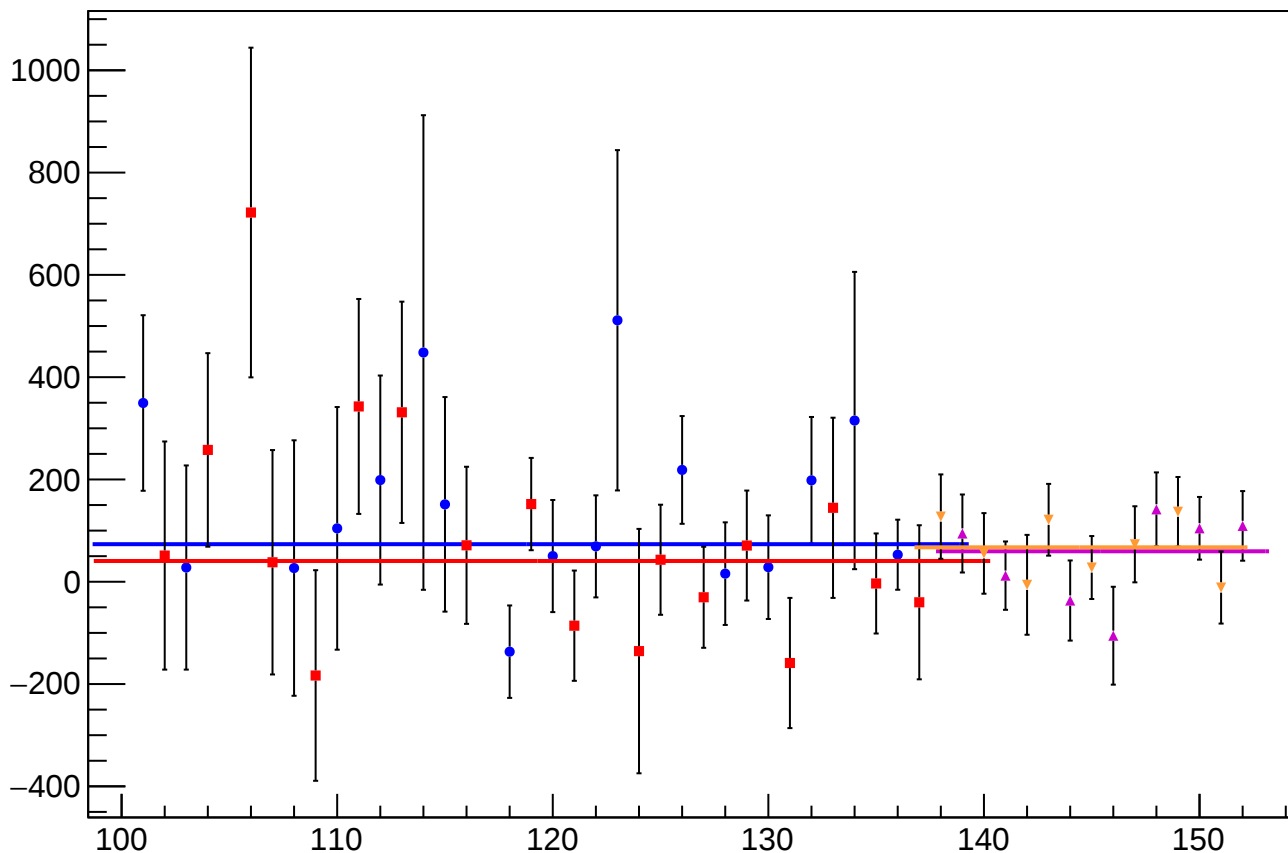
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Out: 811.972+/-0.242 χ^2/NDF :383392.3/7

All: 809.190+/-0.171 χ^2/NDF : 759809.7/14

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 67.325 $\pm$ 26.002 χ^2 /NDF: 4.4/7

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 59.555 $\pm$ 27.301 χ^2 /NDF: 7.6/6

Left: 63.629 $\pm$ 18.829 χ^2 /NDF: 12.0/14

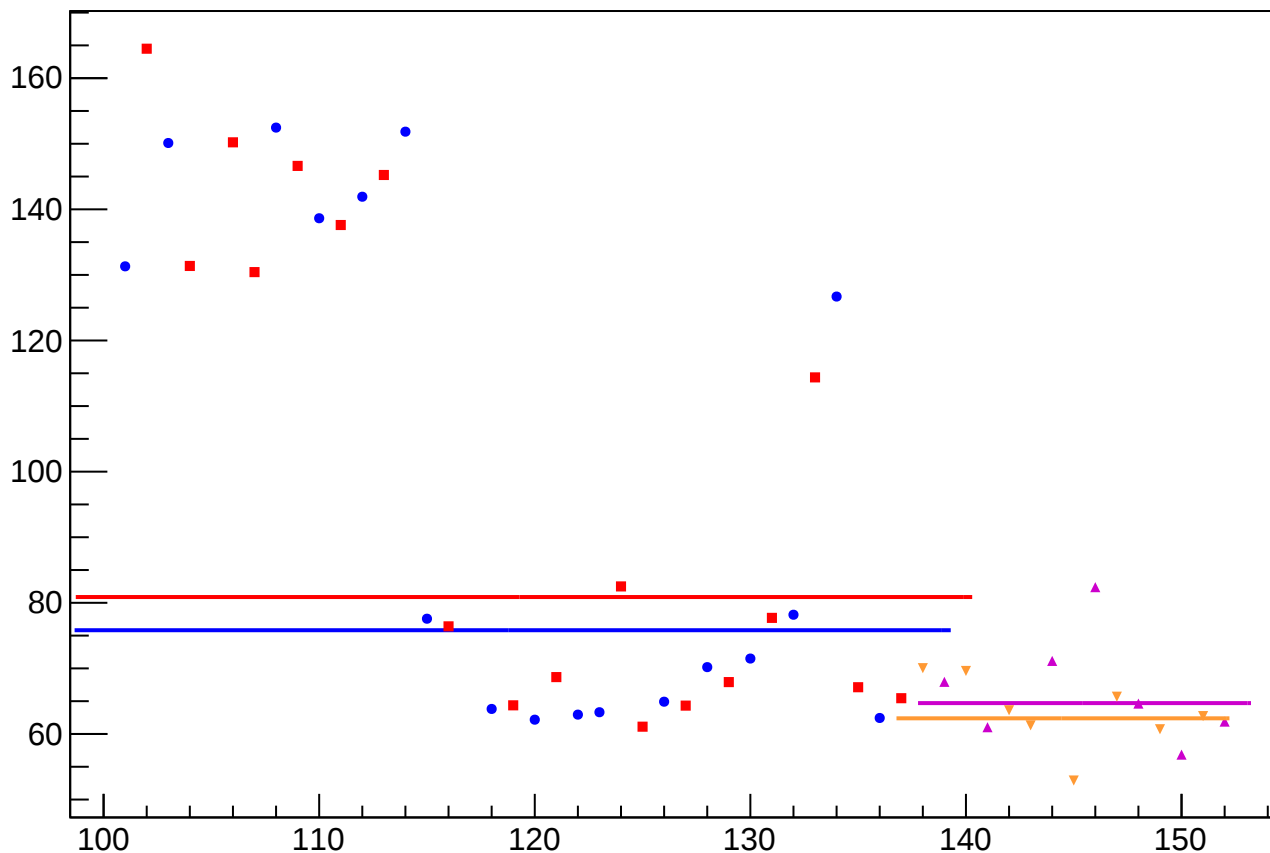
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 65.610 $\pm$ 20.506 χ^2 /NDF: 22.9/23

Out: 56.988 $\pm$ 20.363 χ^2 /NDF: 23.0/25

All: 61.269 $\pm$ 14.449 χ^2 /NDF: 46.1/49

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: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17

Left In: 64.707 $\pm$ 0.019 χ^2/NDF :127728.5/6

Left: 63.490 $\pm$ 0.013 χ^2/NDF : 222756.4/14

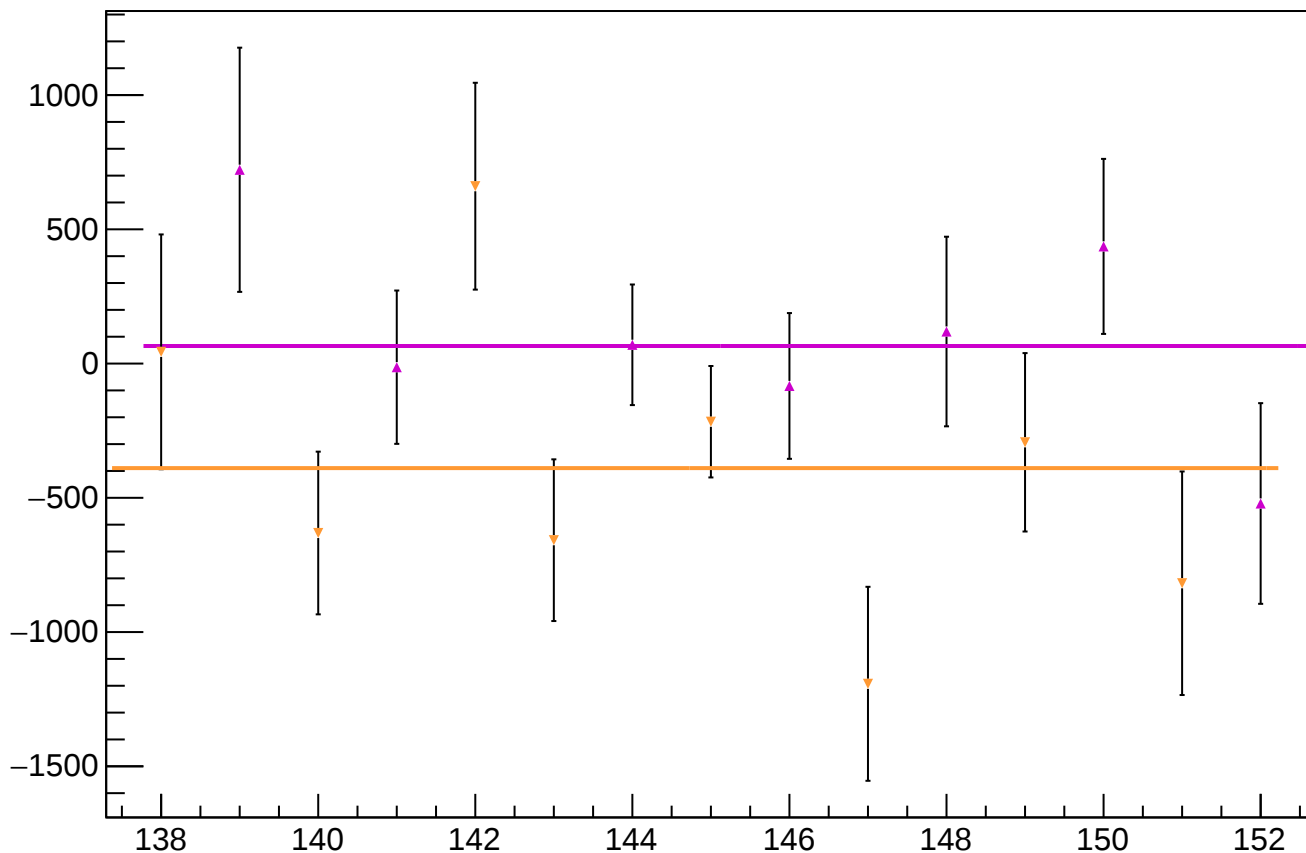
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 69.550 $\pm$ 0.014 χ^2/NDF :1622122.1/23

Out: 69.538 $\pm$ 0.014 χ^2/NDF :2004825.5/25

All: 69.544 $\pm$ 0.010 χ^2/NDF : 3626948.0/49

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: 65.417+/-115.402 χ^2/NDF :6.2/6

Left: -168.604+/-80.403 χ^2/NDF : 30.9/14

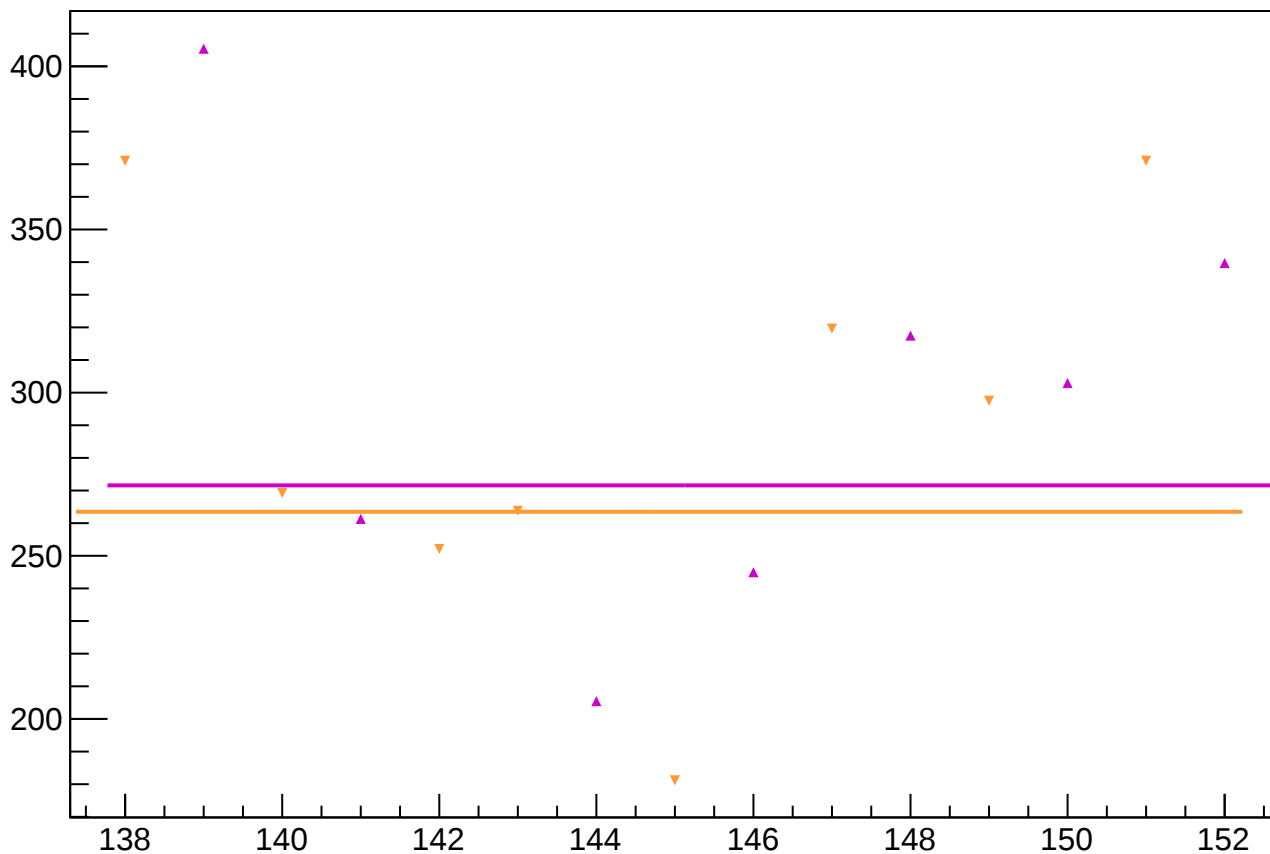
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.417+/-115.402 χ^2/NDF :6.2/6

Out: -389.363+/-112.084 χ^2/NDF :16.6/7

All: -168.604+/-80.403 χ^2/NDF : 30.9/14

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 263.489+/-0.079 χ^2/NDF :640877.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Left: 267.416+/-0.057 χ^2/NDF : 1133124.0/14

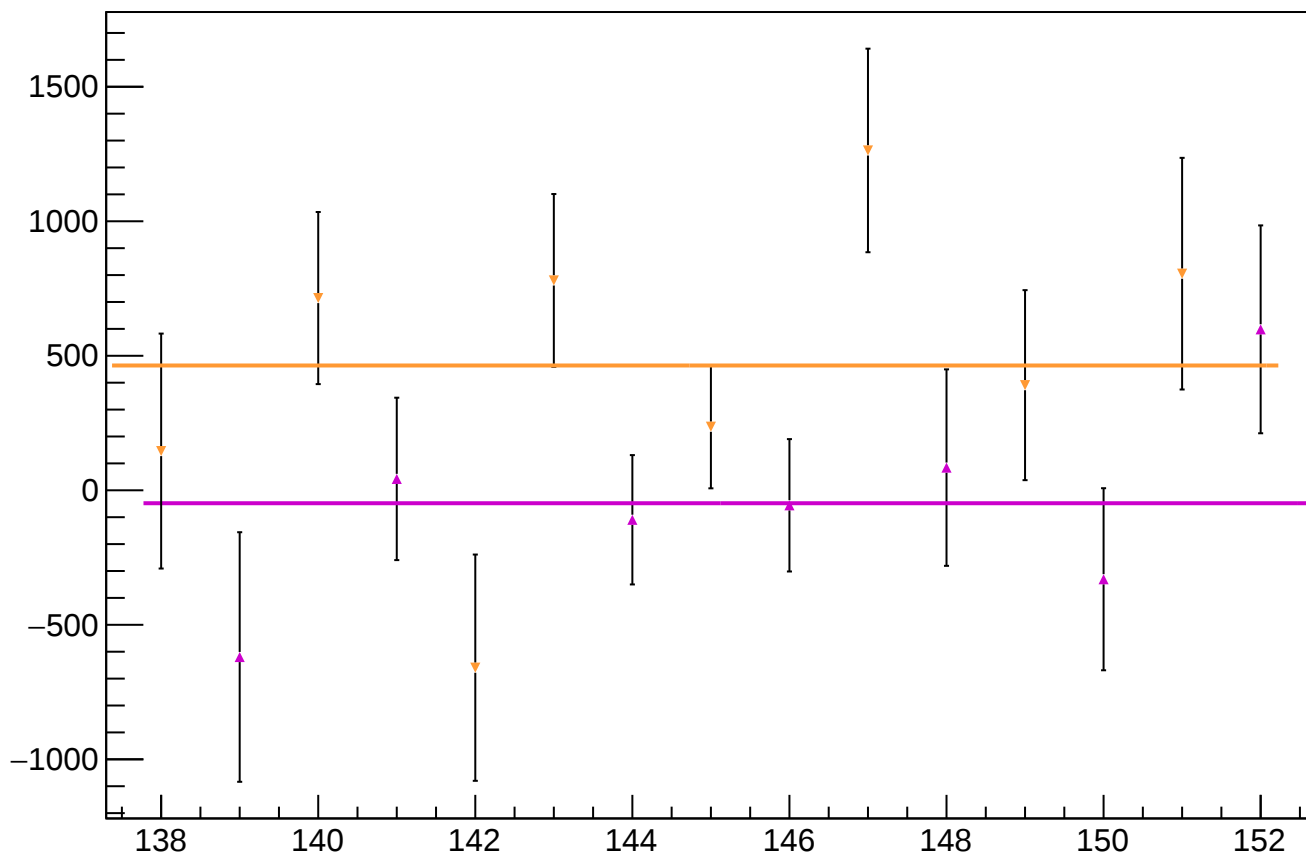
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Out: 263.489+/-0.079 χ^2/NDF :640877.2/7

All: 267.416+/-0.057 χ^2/NDF : 1133124.0/14

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 463.924+/-119.676 χ^2/NDF :15.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.078+/-117.544 χ^2/NDF :5.3/6

Left: 203.322+/-83.860 χ^2/NDF : 30.0/14

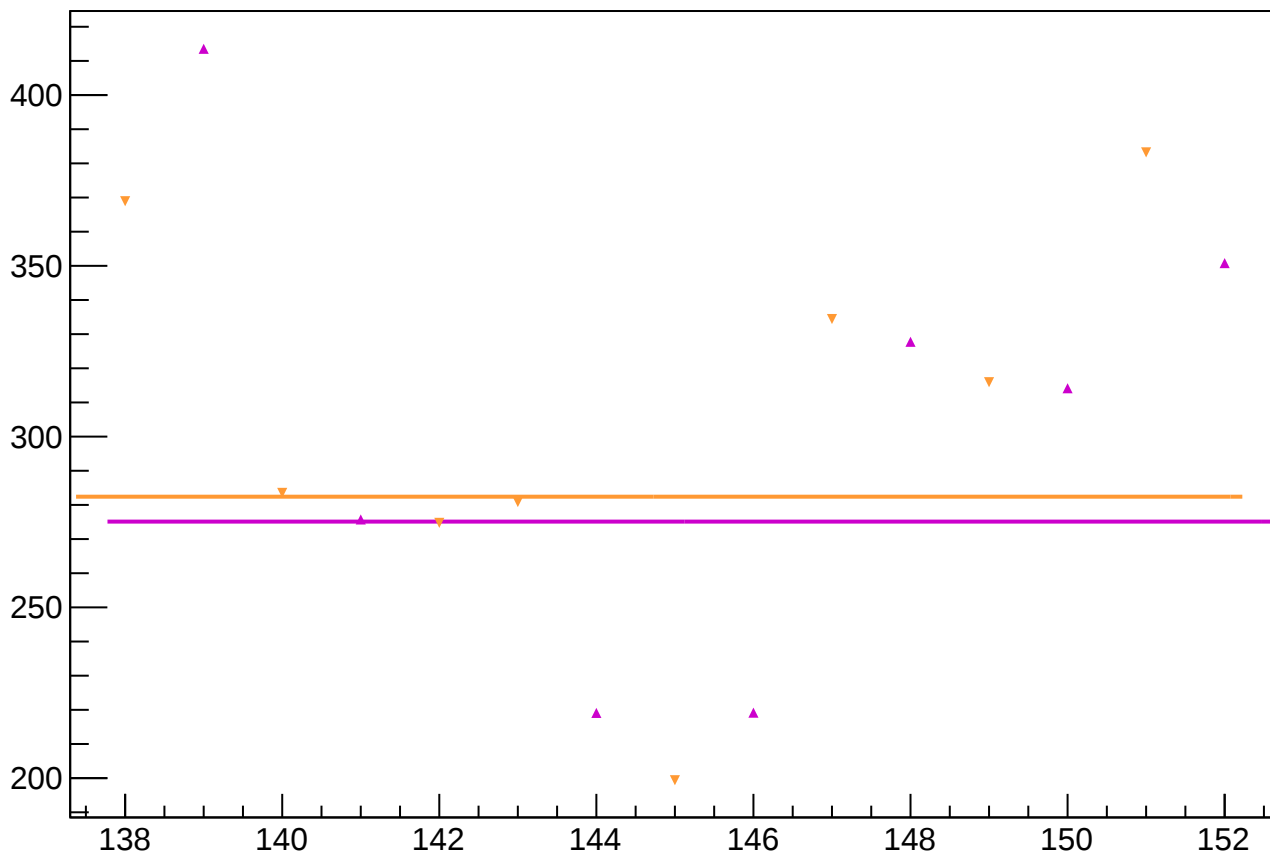
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.078+/-117.544 χ^2/NDF :5.3/6

Out: 463.924+/-119.676 χ^2/NDF :15.4/7

All: 203.322+/-83.860 χ^2/NDF : 30.0/14

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.409+/-0.085 χ^2/NDF :507404.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Left: 278.696+/-0.059 χ^2/NDF : 1046245.2/14

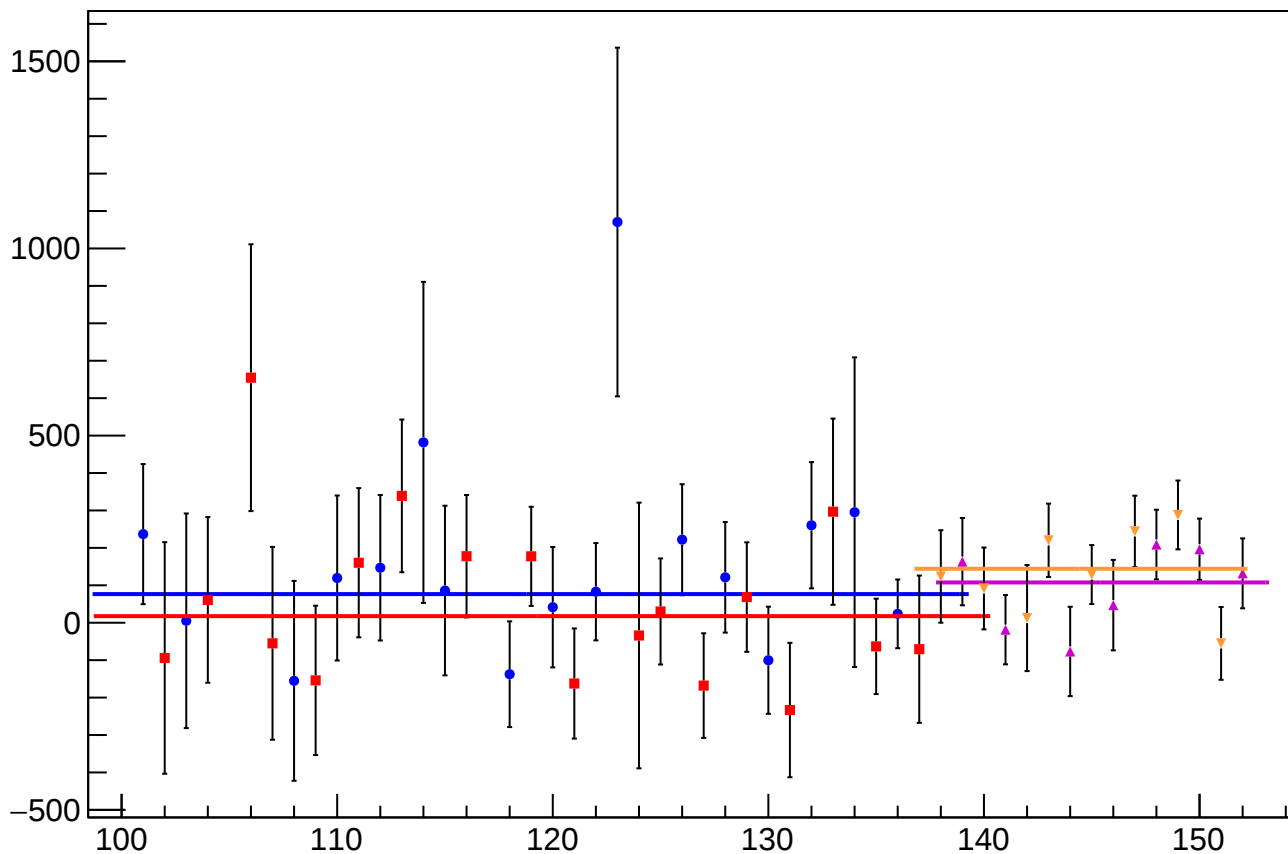
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Out: 282.409+/-0.085 χ^2/NDF :507404.3/7

All: 278.696+/-0.059 χ^2/NDF : 1046245.2/14

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 144.193+/-35.395 χ^2/NDF : 9.5/7

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 107.645+/-37.576 χ^2/NDF : 7.2/6

Left: 127.011+/-25.765 χ^2/NDF : 17.2/14

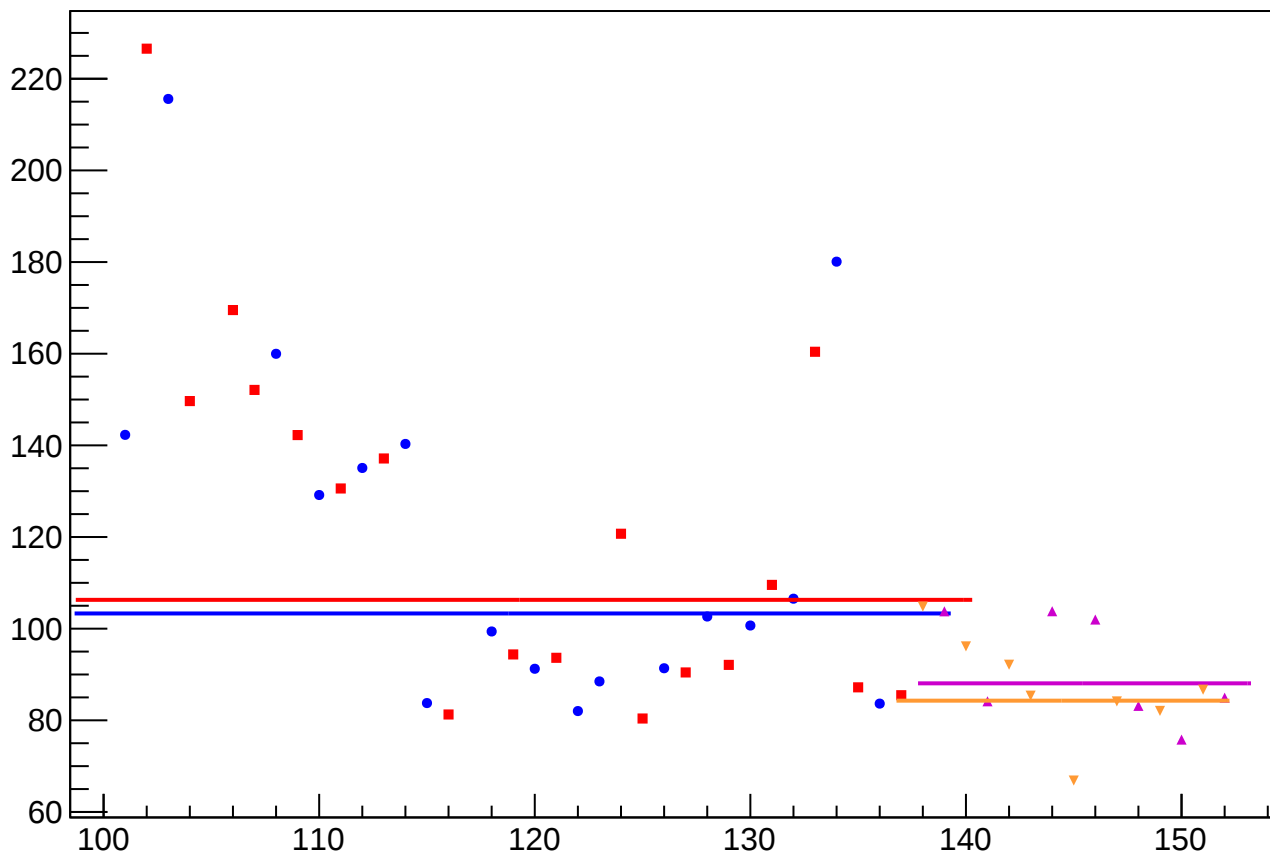
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 93.637+/-27.872 χ^2/NDF : 21.4/23

Out: 92.057+/-27.145 χ^2/NDF : 31.6/25

All: 92.826+/-19.446 χ^2/NDF : 53.0/49

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: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 88.069 $\pm$ 0.027 χ^2 /NDF: 154017.5/6

Left: 86.067 $\pm$ 0.018 χ^2 /NDF: 350094.0/14

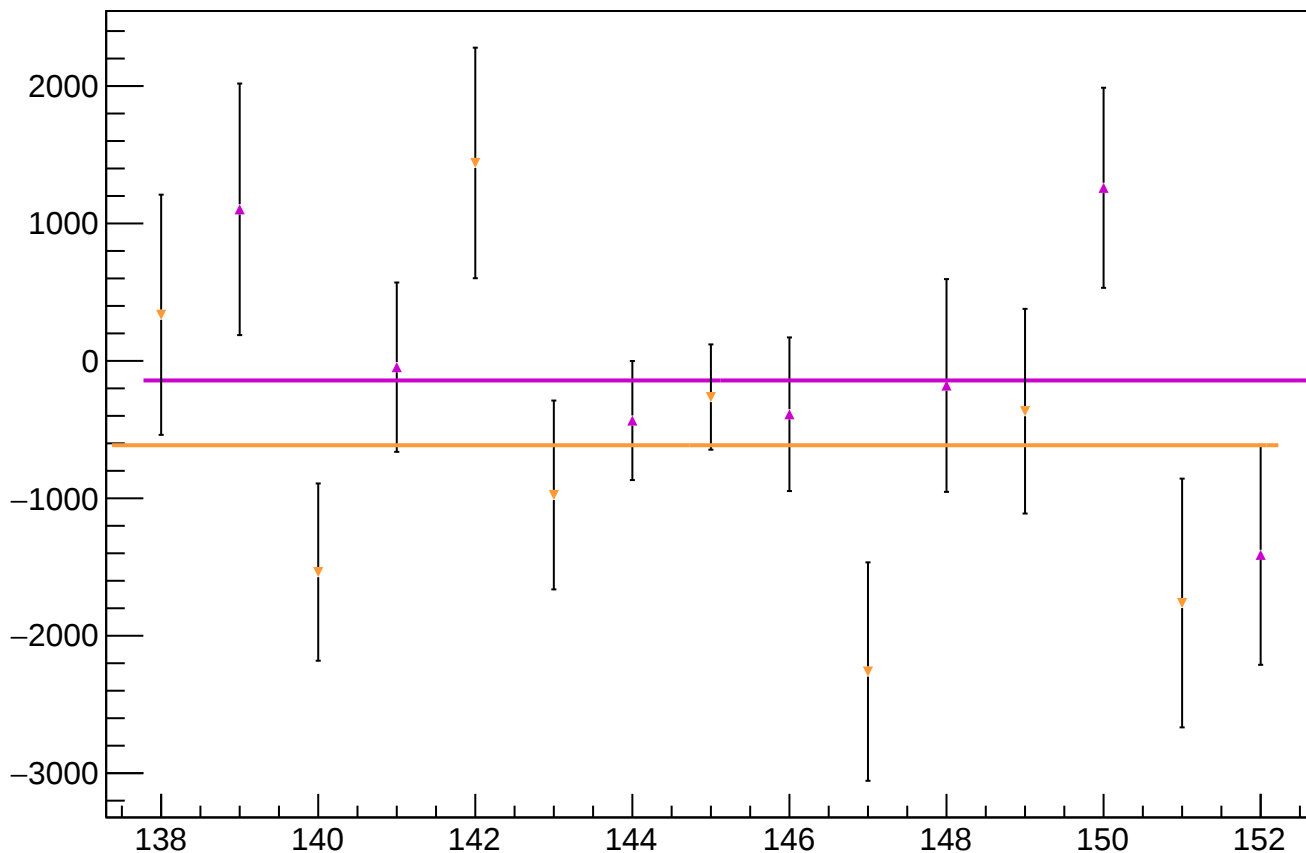
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 94.928 $\pm$ 0.020 χ^2 /NDF: 1139973.2/23

Out: 93.350 $\pm$ 0.019 χ^2 /NDF: 1504258.5/25

All: 94.118 $\pm$ 0.014 χ^2 /NDF: 2647520.7/49

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: -142.267+/-239.205 χ^2/NDF :8.7/6

Left: -385.754+/-166.317 χ^2/NDF : 27.1/14

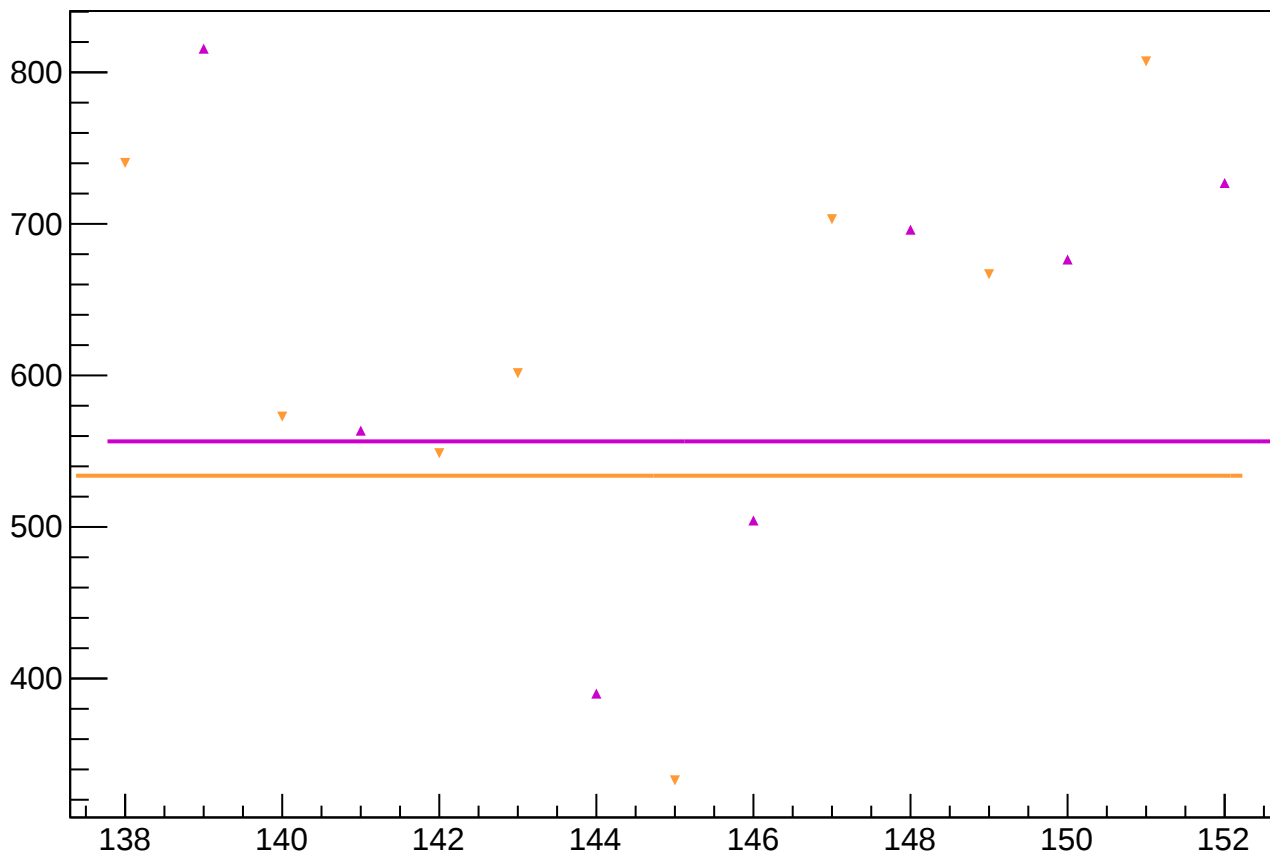
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -142.267+/-239.205 χ^2/NDF :8.7/6

Out: -613.620+/-231.405 χ^2/NDF :16.4/7

All: -385.754+/-166.317 χ^2/NDF : 27.1/14

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 533.819+/-0.164 χ^2/NDF :1026636.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Left: 544.773+/-0.118 χ^2/NDF : 1719503.5/14

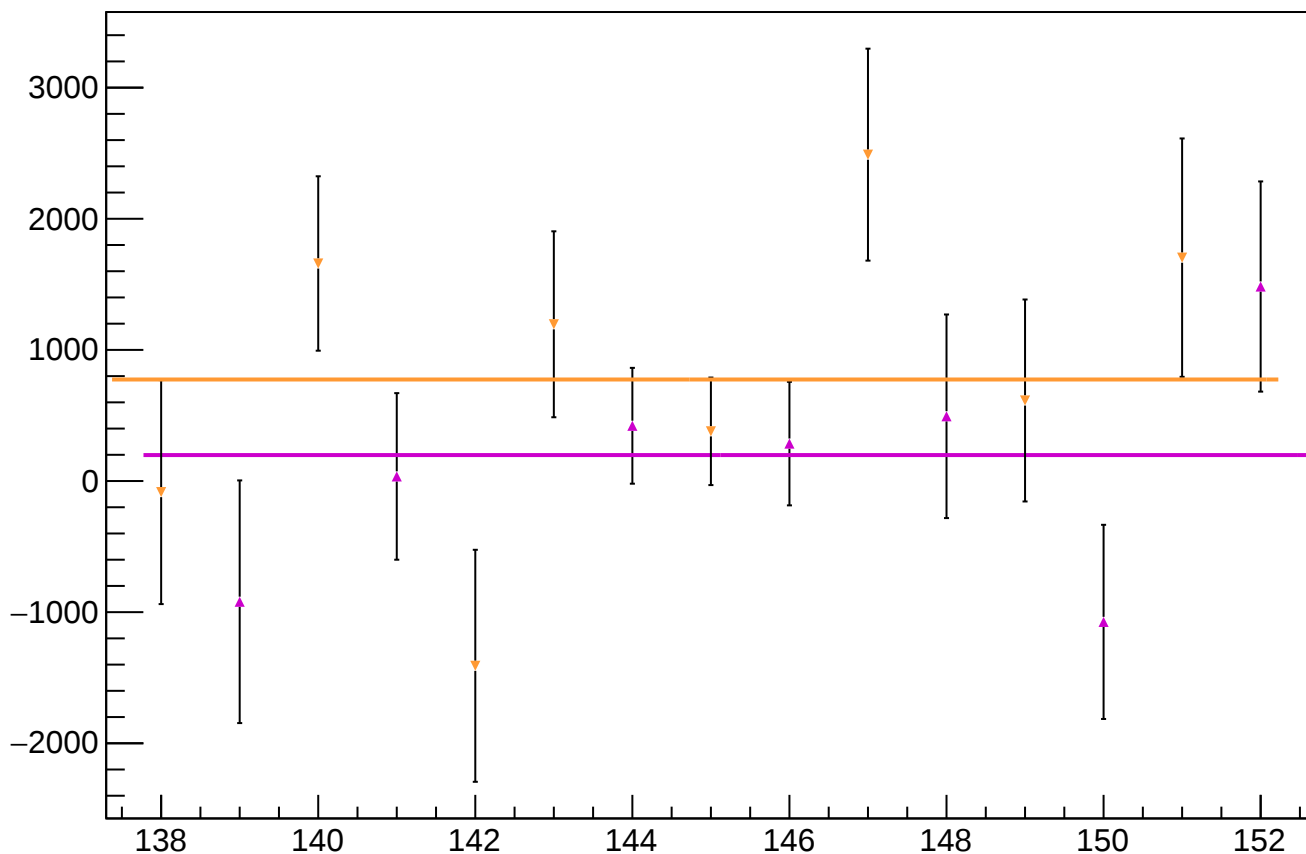
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Out: 533.819+/-0.164 χ^2/NDF :1026636.6/7

All: 544.773+/-0.118 χ^2/NDF : 1719503.5/14

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 774.285+/-240.603 χ^2/NDF :15.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 197.966+/-233.647 χ^2/NDF :7.5/6

Left: 477.675+/-167.618 χ^2/NDF : 26.2/14

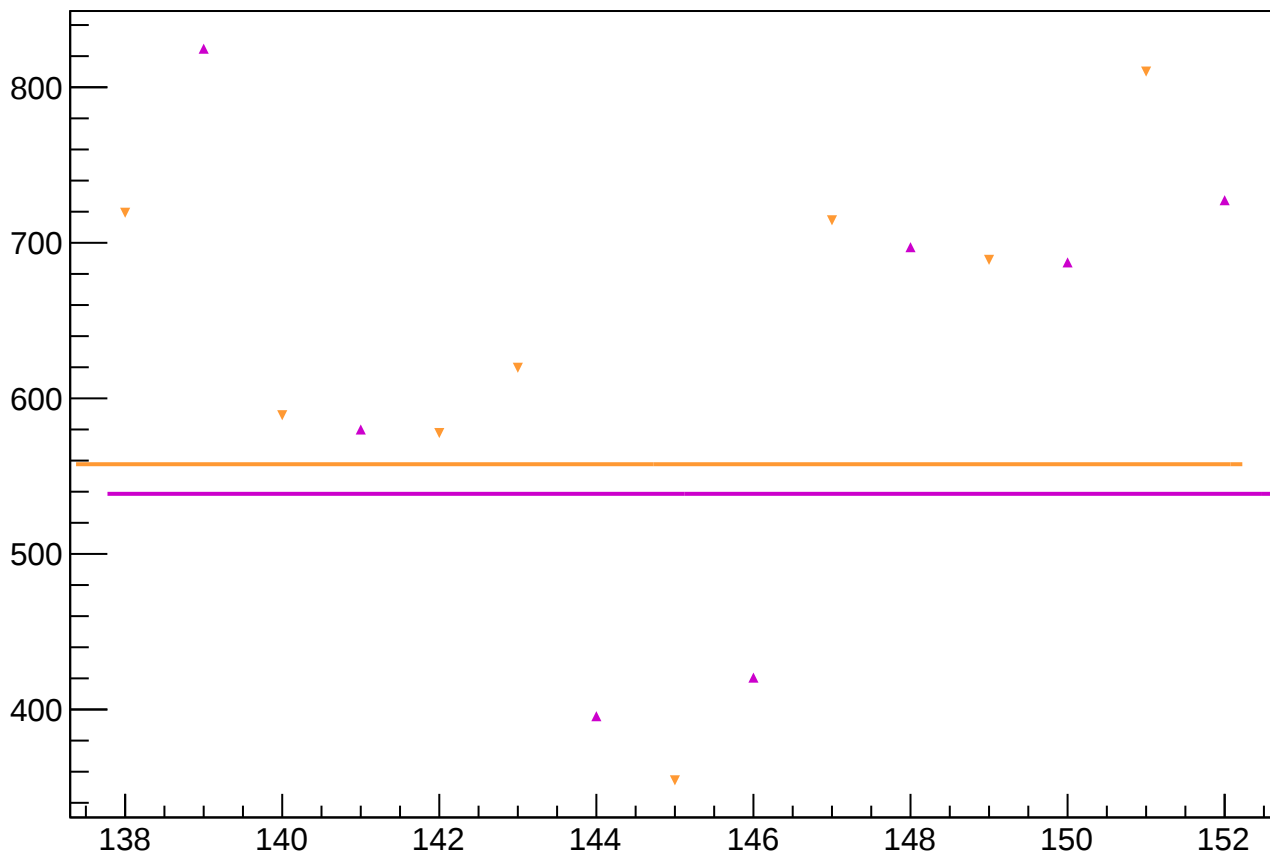
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.966+/-233.647 χ^2/NDF :7.5/6

Out: 774.285+/-240.603 χ^2/NDF :15.7/7

All: 477.675+/-167.618 χ^2/NDF : 26.2/14

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 557.667+/-0.170 χ^2/NDF : 871460.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Left: 547.872+/-0.119 χ^2/NDF : 1688091.7/14

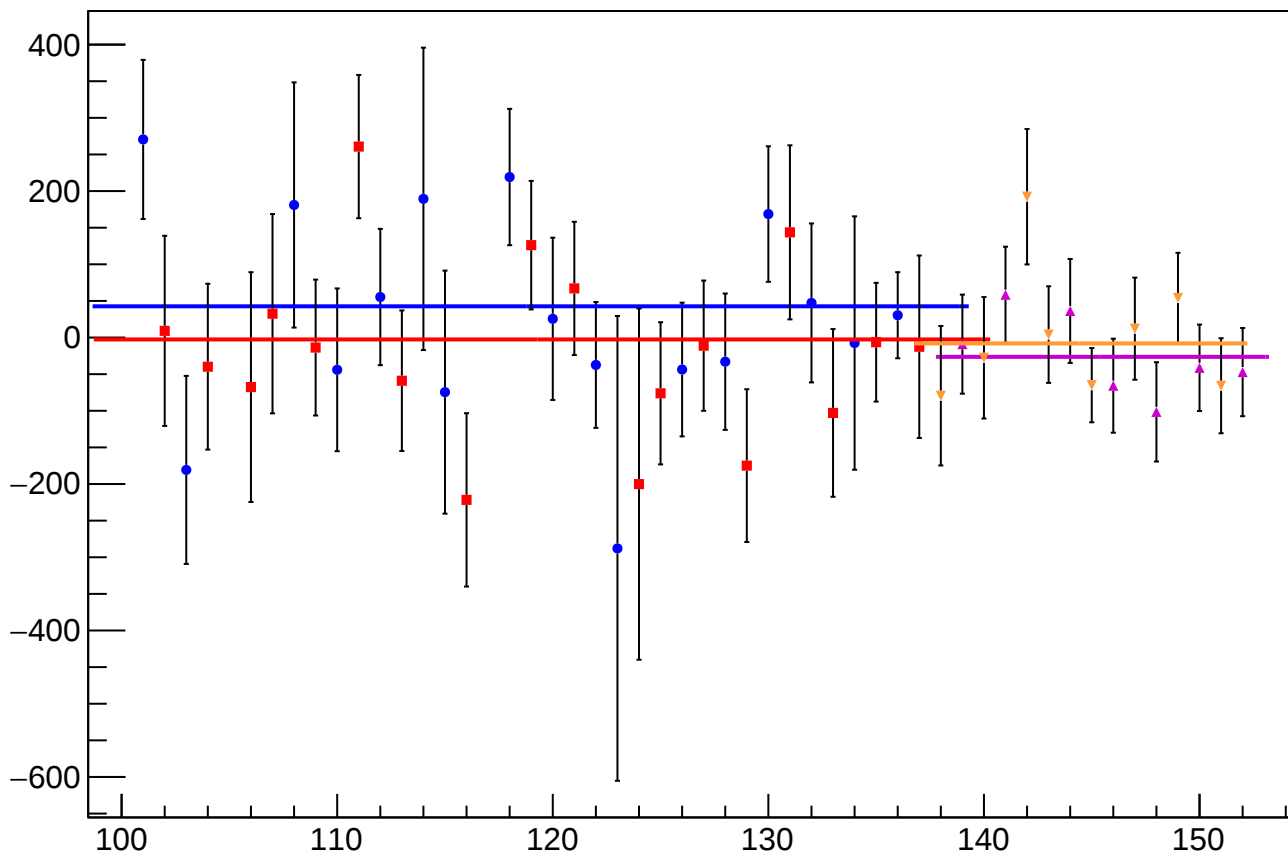
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Out: 557.667+/-0.170 χ^2/NDF : 871460.9/7

All: 547.872+/-0.119 χ^2/NDF : 1688091.7/14

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -8.016 $\pm$ 24.271 χ^2 /NDF: 8.5/7

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -26.358 $\pm$ 24.455 χ^2 /NDF: 4.3/6

Left: -17.117 $\pm$ 17.227 χ^2 /NDF: 13.1/14

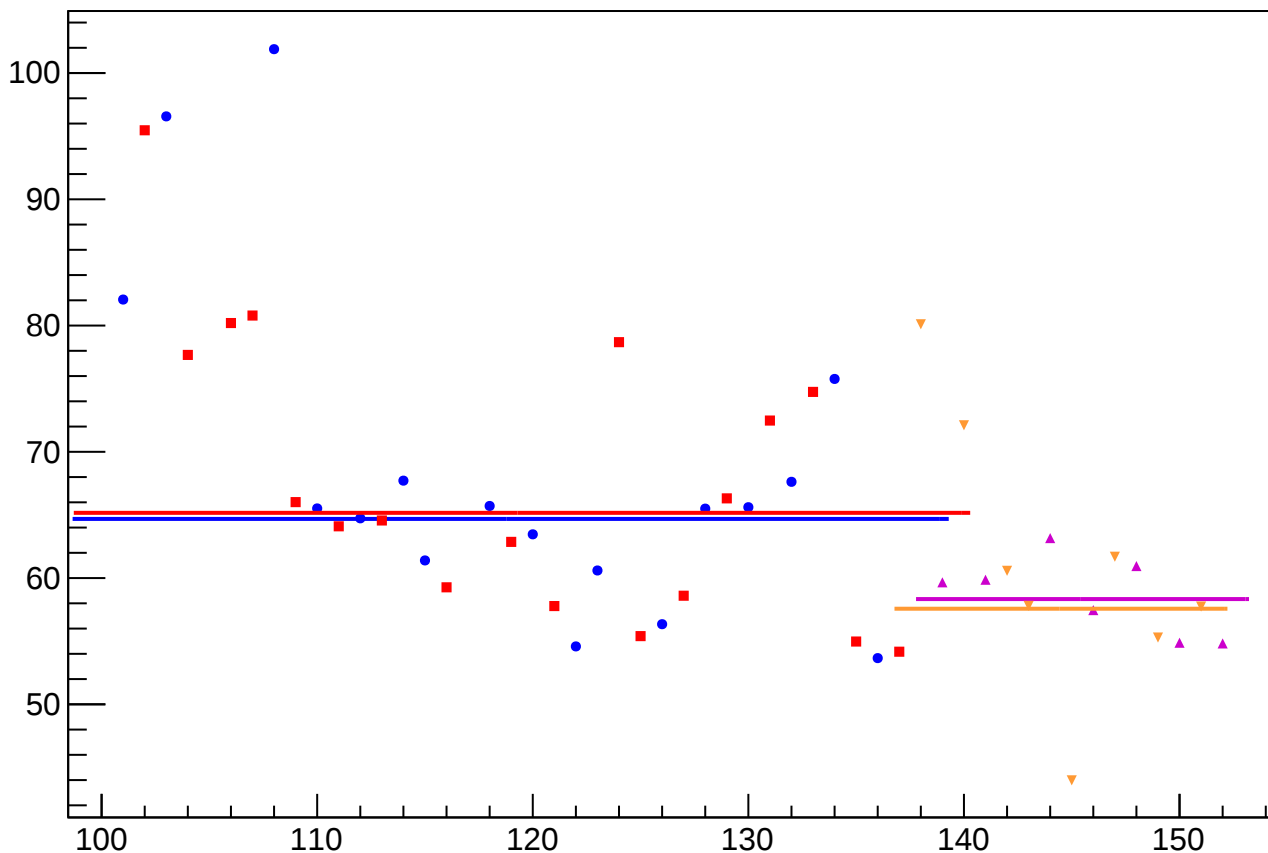
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 6.725 $\pm$ 17.646 χ^2 /NDF: 27.0/23

Out: -5.386 $\pm$ 17.444 χ^2 /NDF: 28.9/25

All: 0.600 $\pm$ 12.405 χ^2 /NDF: 56.1/49

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: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.337 $\pm$ 0.017 χ^2 /NDF:28137.2/6

Left: 57.952 $\pm$ 0.012 χ^2 /NDF: 358188.1/14

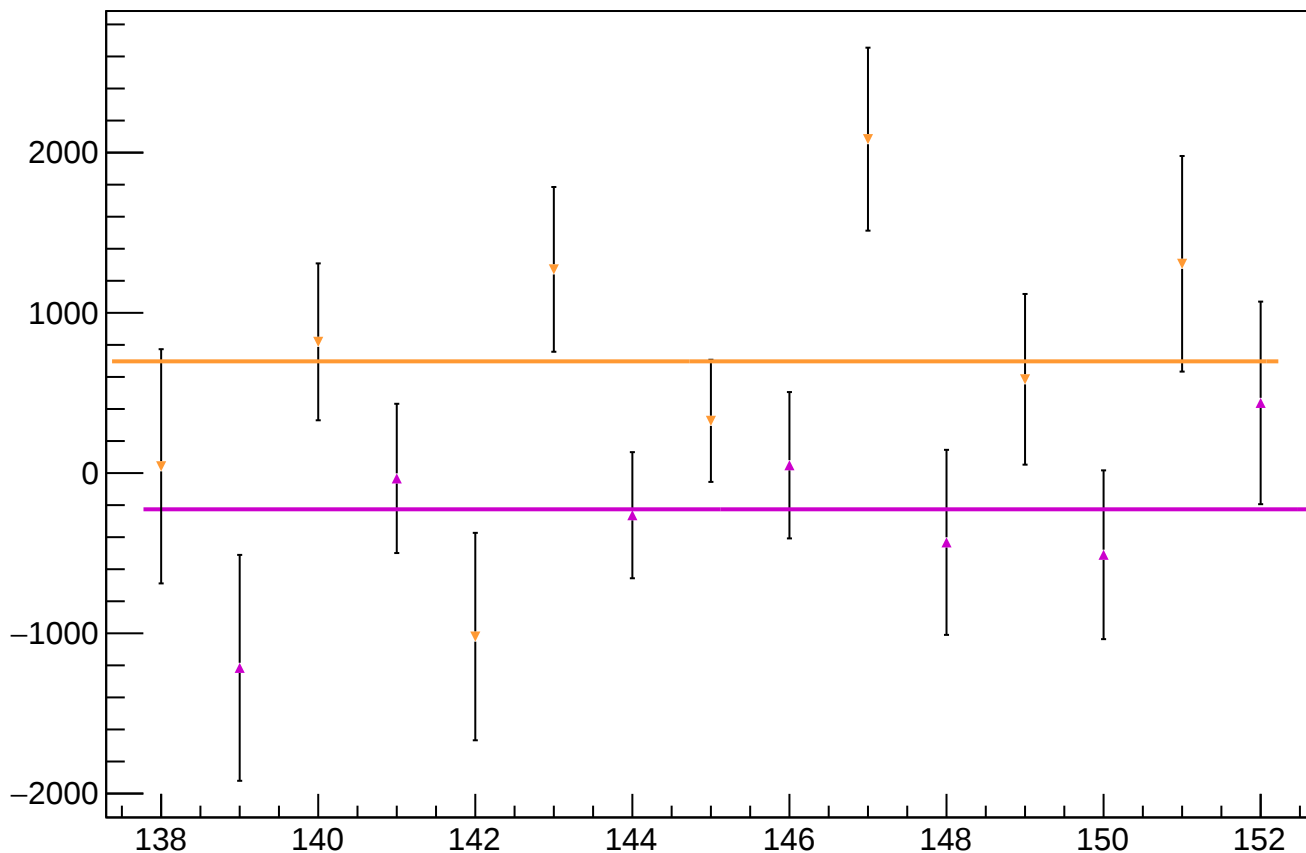
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 61.380 $\pm$ 0.012 χ^2 /NDF:492932.0/23

Out: 61.244 $\pm$ 0.012 χ^2 /NDF:728324.9/25

All: 61.311 $\pm$ 0.009 χ^2 /NDF: 1221317.2/49

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: -226.095+/-192.512 χ^2/NDF :4.0/6

Left: 243.326+/-134.984 χ^2/NDF : 32.6/14

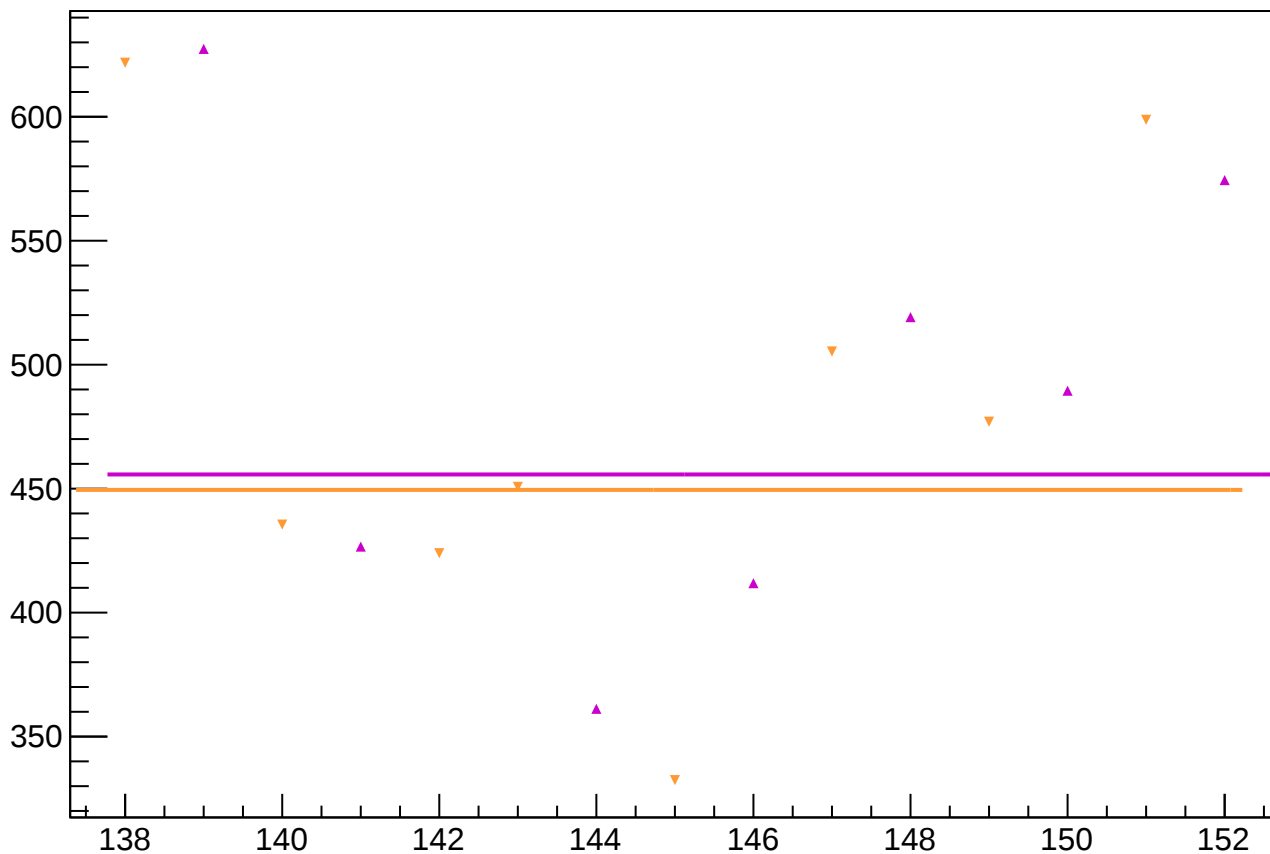
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -226.095+/-192.512 χ^2/NDF :4.0/6

Out: 697.313+/-189.321 χ^2/NDF :16.9/7

All: 243.326+/-134.984 χ^2/NDF : 32.6/14

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 449.500+/-0.134 χ^2/NDF : 427531.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 455.727+/-0.136 χ^2/NDF : 363182.5/6

Left: 452.561+/-0.095 χ^2/NDF : 791777.6/14

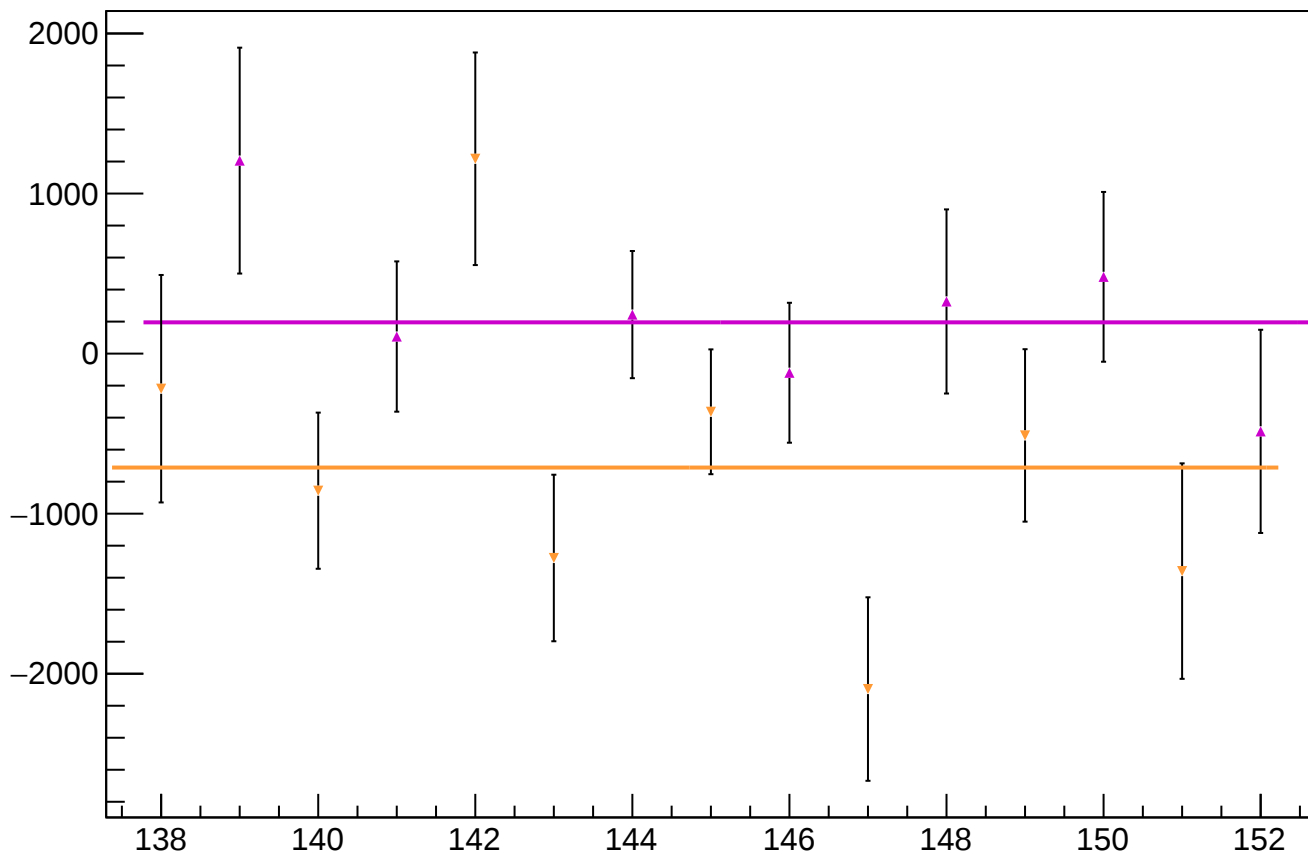
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 455.727+/-0.136 χ^2/NDF : 363182.5/6

Out: 449.500+/-0.134 χ^2/NDF : 427531.3/7

All: 452.561+/-0.095 χ^2/NDF : 791777.6/14

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -711.919+/-190.973 χ^2/NDF :17.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.325+/-191.839 χ^2/NDF :4.1/6

Left: -260.349+/-135.344 χ^2/NDF : 33.2/14

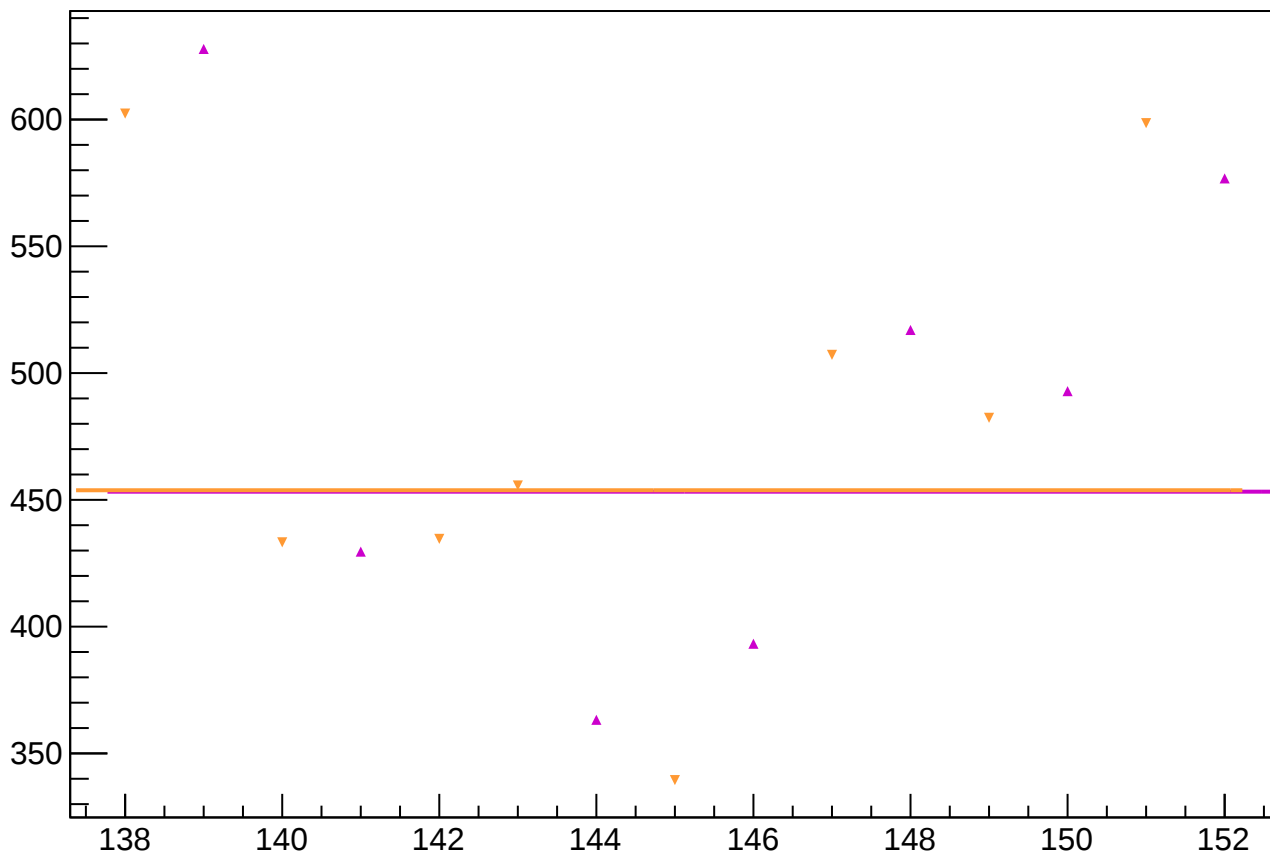
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.325+/-191.839 χ^2/NDF :4.1/6

Out: -711.919+/-190.973 χ^2/NDF :17.9/7

All: -260.349+/-135.344 χ^2/NDF : 33.2/14

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 453.785+/-0.135 χ^2/NDF : 380068.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Left: 453.507+/-0.096 χ^2/NDF : 759358.1/14

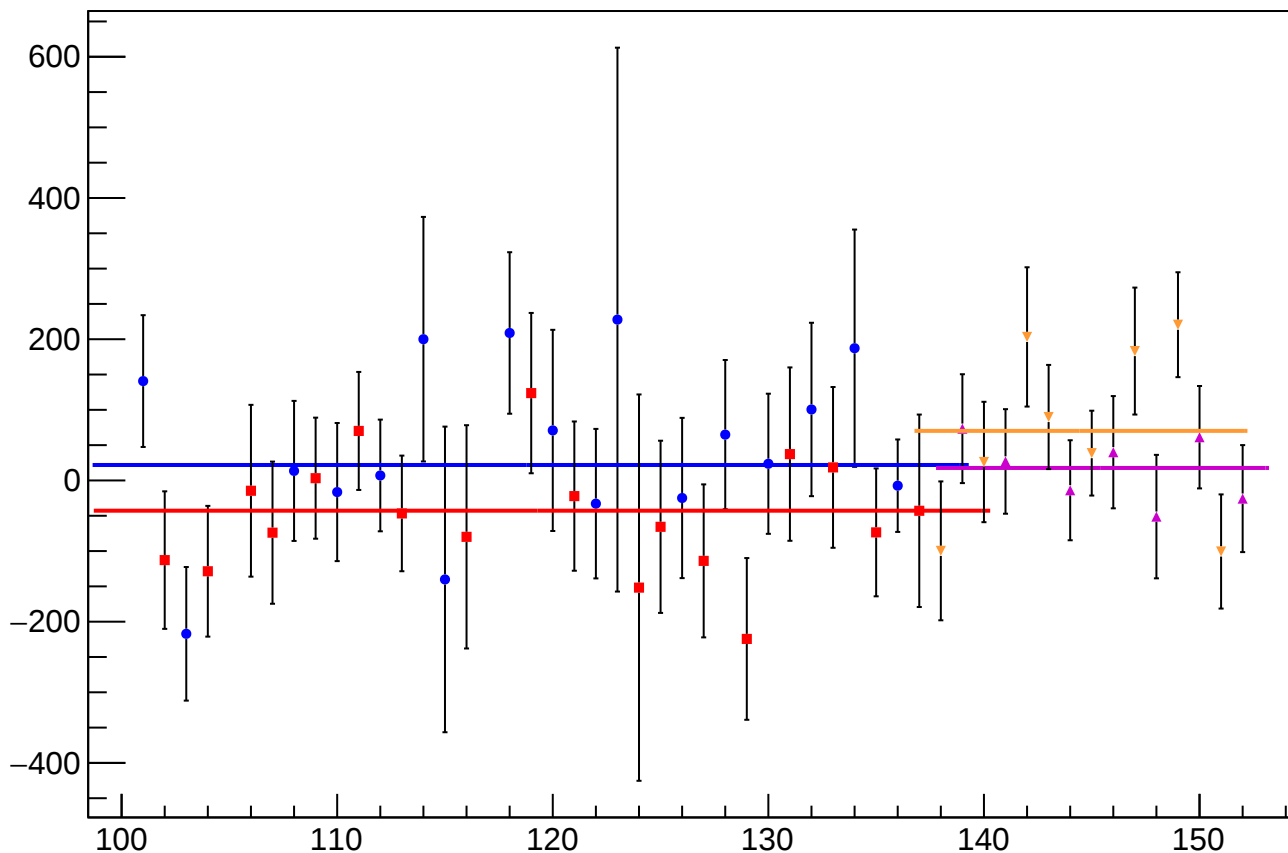
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Out: 453.785+/-0.135 χ^2/NDF : 380068.3/7

All: 453.507+/-0.096 χ^2/NDF : 759358.1/14

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 70.220 $\pm$ 28.143 χ^2 /NDF:15.6/7

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 17.689 $\pm$ 28.825 χ^2 /NDF:2.1/6

Left: 44.584 $\pm$ 20.137 χ^2 /NDF: 19.4/14

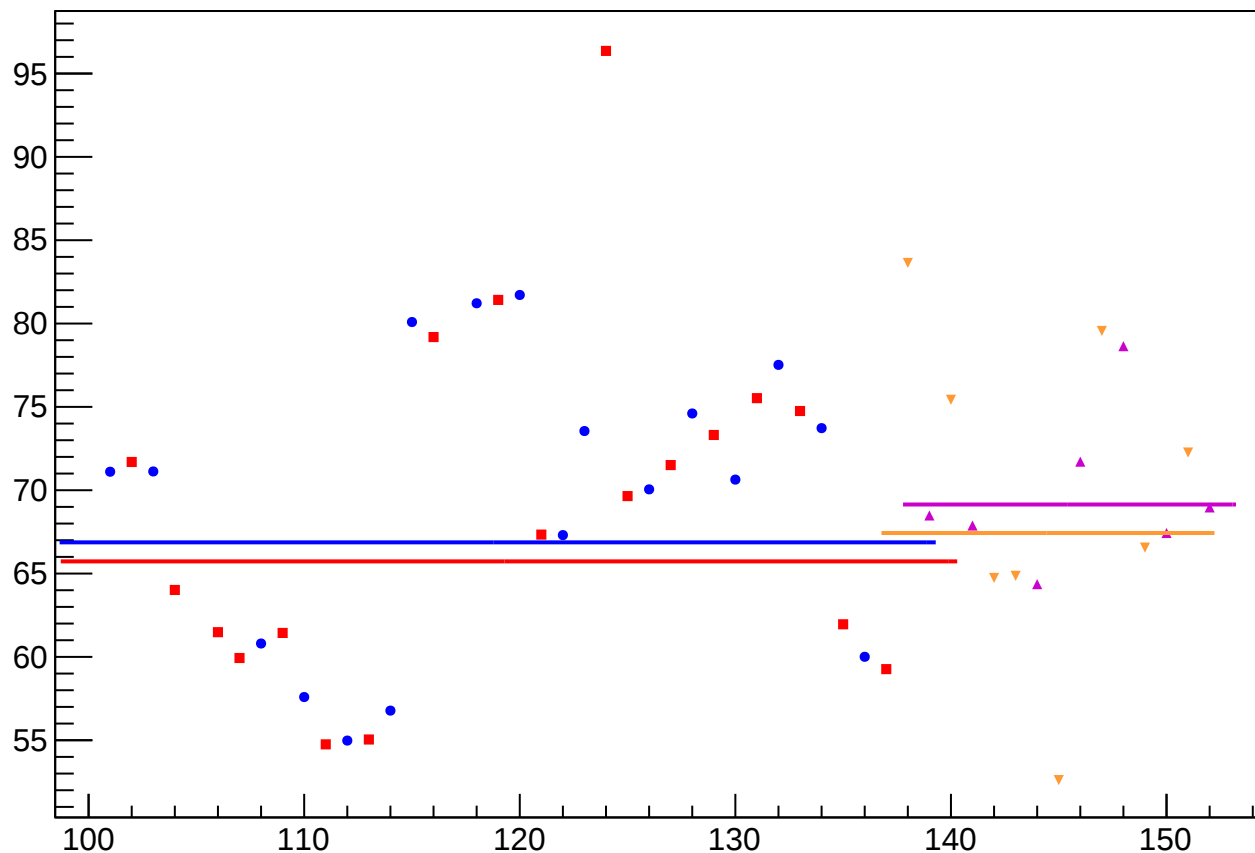
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 20.011 $\pm$ 19.329 χ^2 /NDF:17.2/23

Out: 7.297 $\pm$ 18.739 χ^2 /NDF:34.4/25

All: 13.457 $\pm$ 13.454 χ^2 /NDF: 51.8/49

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: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 69.144 $\pm$ 0.020 χ^2/NDF : 36659.1/6

Left: 68.268 $\pm$ 0.014 χ^2/NDF : 281641.5/14

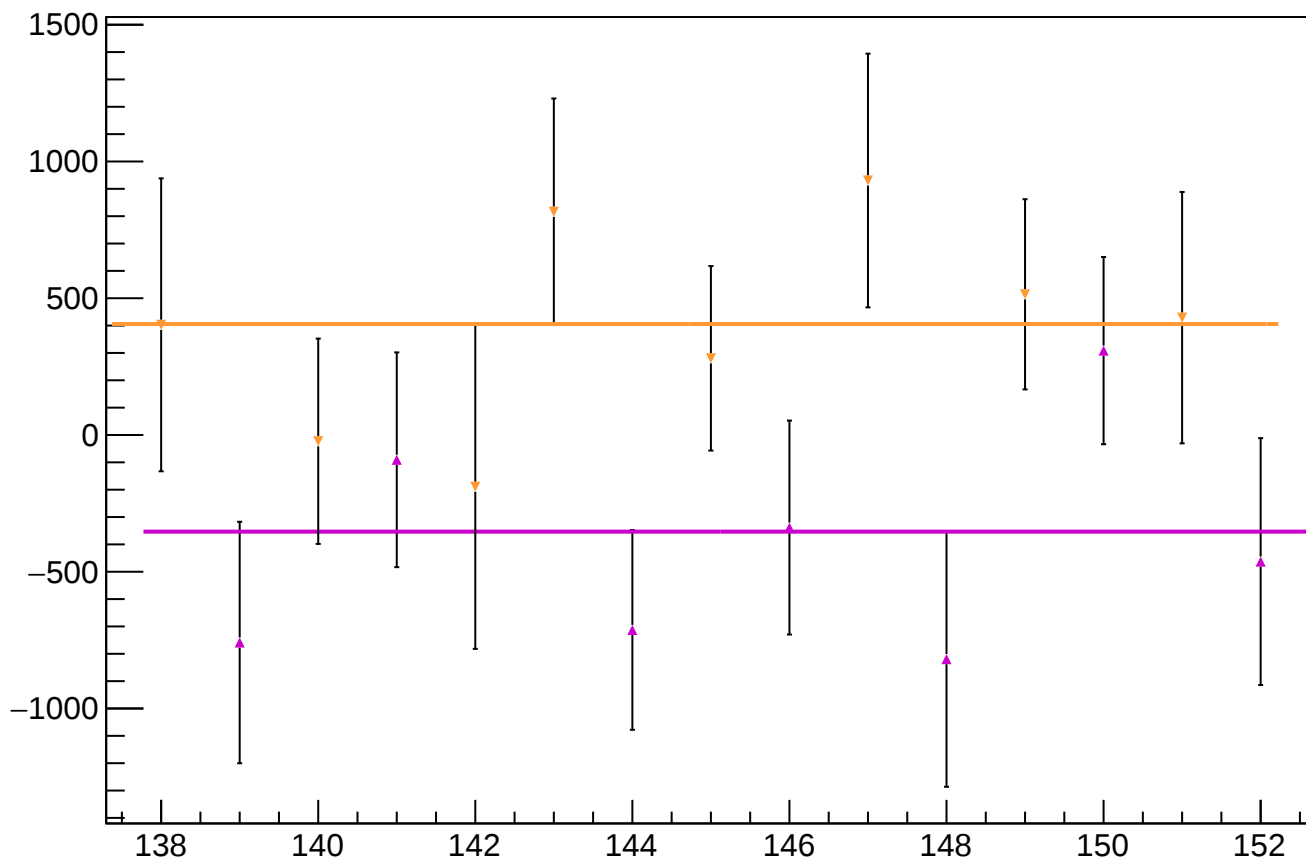
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 67.894 $\pm$ 0.014 χ^2/NDF : 246011.9/23

Out: 66.485 $\pm$ 0.013 χ^2/NDF : 464317.7/25

All: 67.168 $\pm$ 0.010 χ^2/NDF : 715802.1/49

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 405.617 $\pm$ 147.905 χ^2 /NDF:4.8/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -353.350 $\pm$ 151.287 χ^2 /NDF:7.1/6

Left: 34.711 $\pm$ 105.760 χ^2 /NDF: 24.7/14

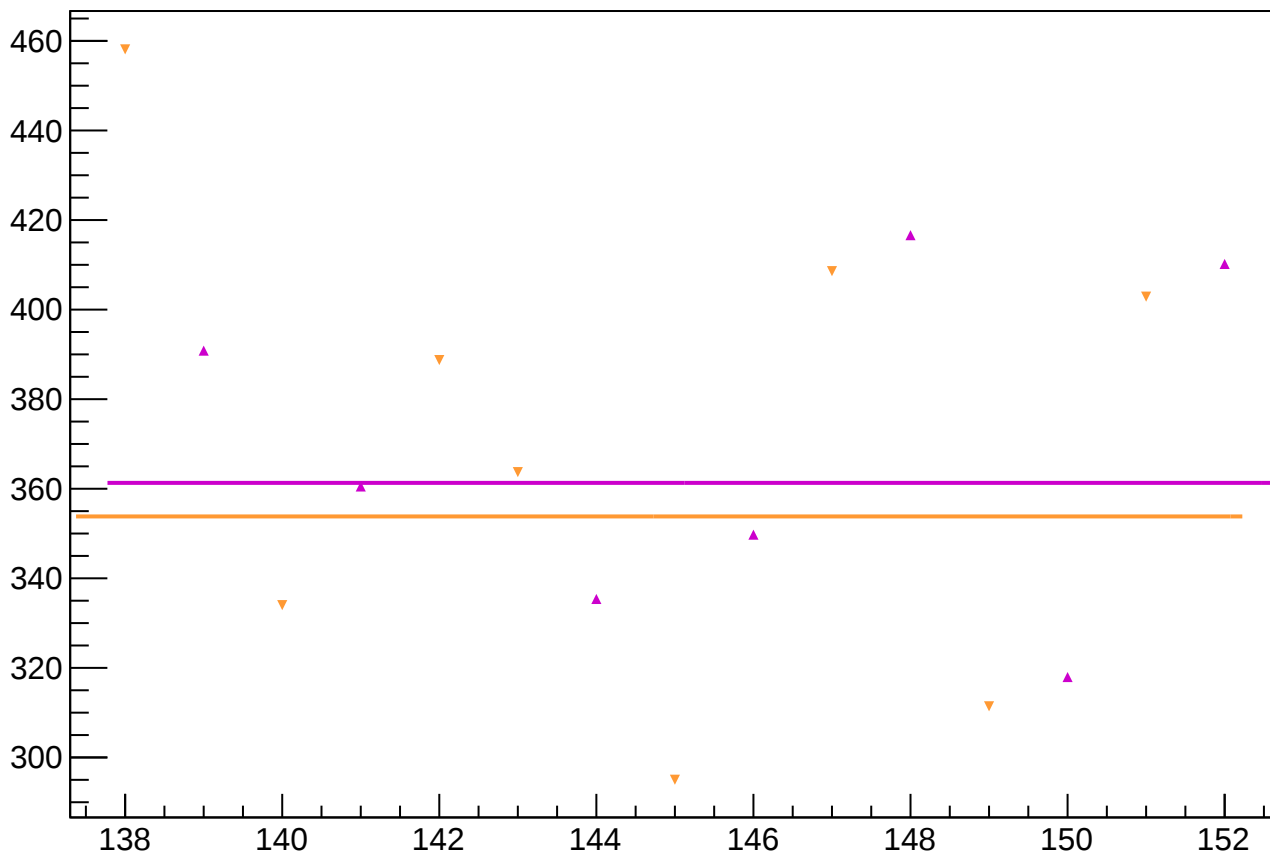
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -353.350 $\pm$ 151.287 χ^2 /NDF:7.1/6

Out: 405.617 $\pm$ 147.905 χ^2 /NDF:4.8/7

All: 34.711 $\pm$ 105.760 χ^2 /NDF: 24.7/14

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 353.817+/-0.105 χ^2/NDF :230720.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Left: 357.479+/-0.075 χ^2/NDF : 337650.0/14

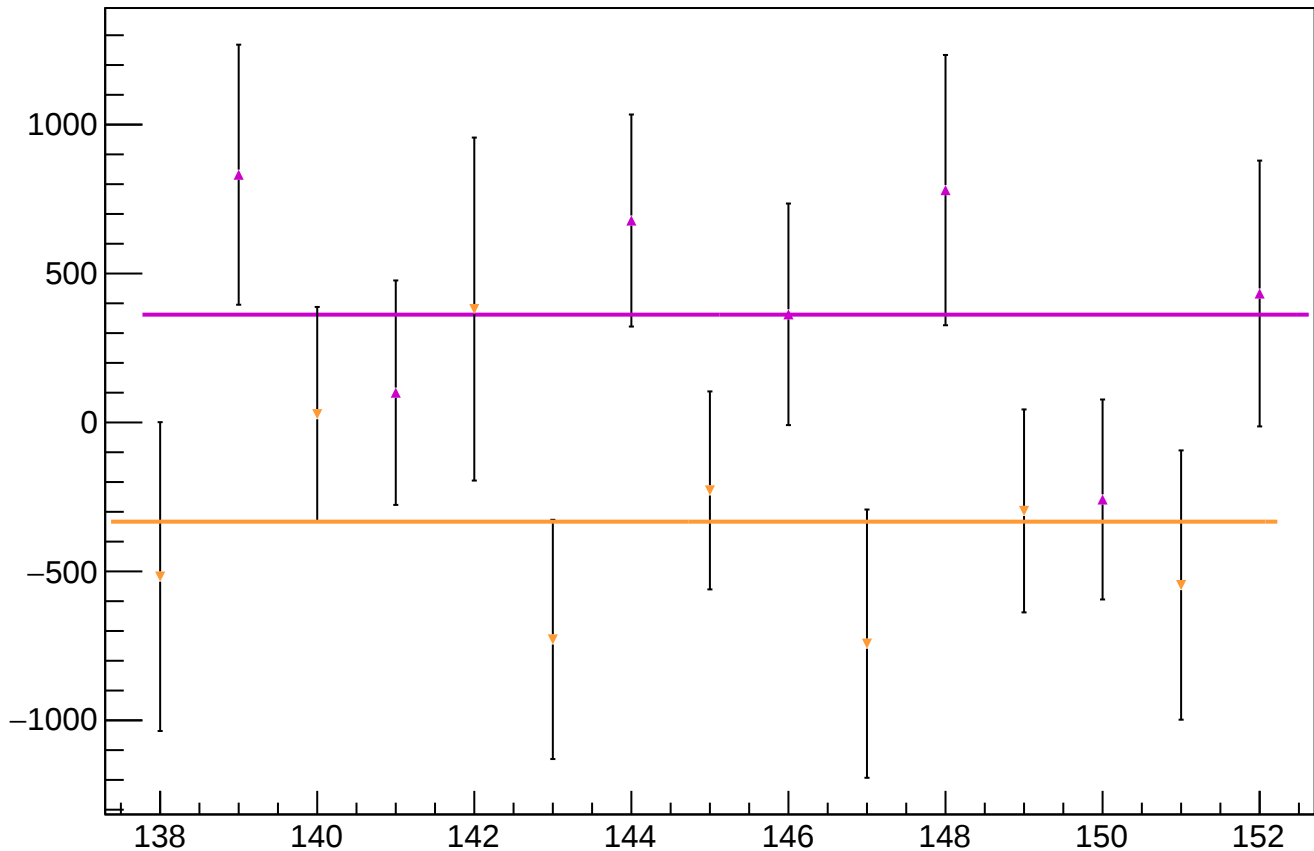
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Out: 353.817+/-0.105 χ^2/NDF :230720.1/7

All: 357.479+/-0.075 χ^2/NDF : 337650.0/14

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -333.046+/-144.116 χ^2/NDF : 4.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Left: 7.196+/-102.968 χ^2/NDF : 22.9/14

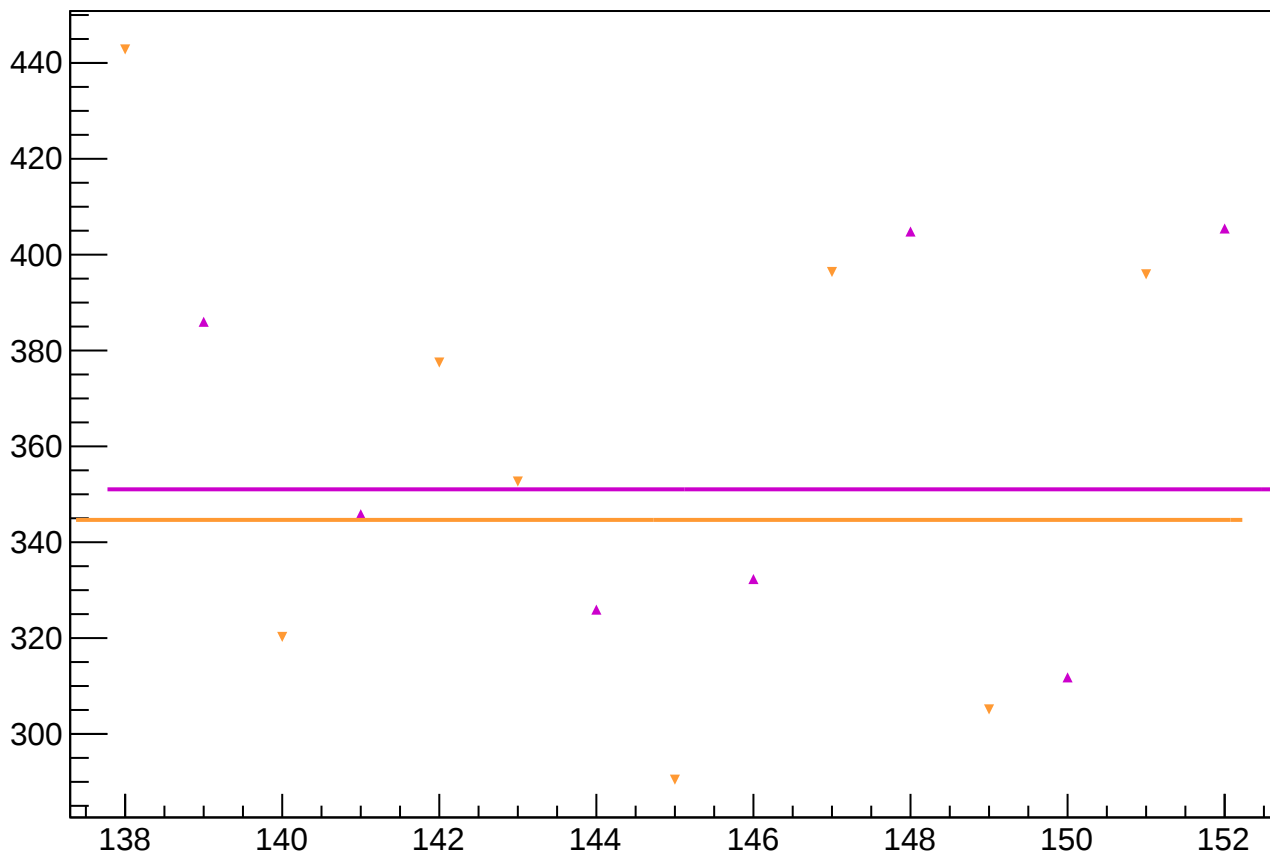
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Out: -333.046+/-144.116 χ^2/NDF : 4.8/7

All: 7.196+/-102.968 χ^2/NDF : 22.9/14

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 344.659+/-0.102 χ^2/NDF :220427.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Left: 347.781+/-0.073 χ^2/NDF : 335752.6/14

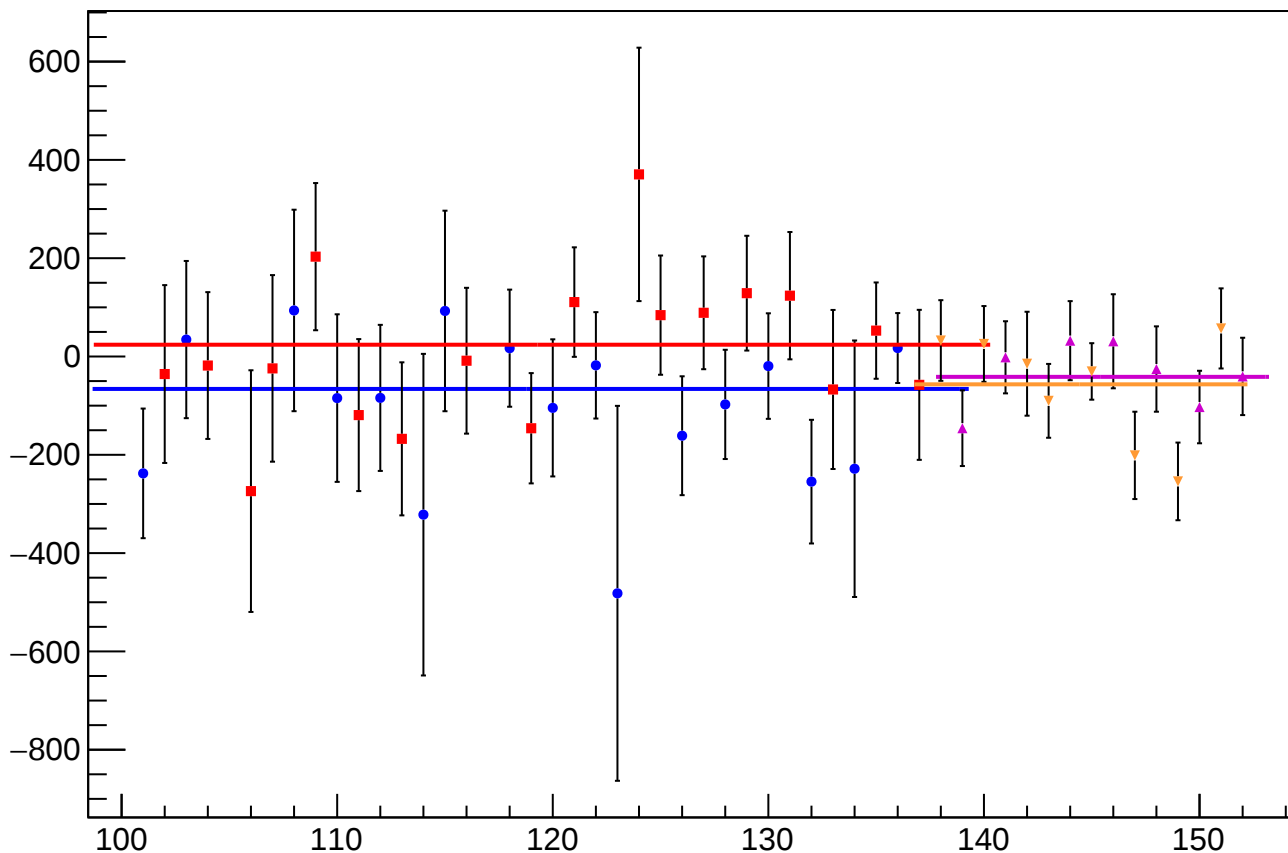
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Out: 344.659+/-0.102 χ^2/NDF :220427.0/7

All: 347.781+/-0.073 χ^2/NDF : 335752.6/14

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -56.619 ± 27.484 χ^2/NDF : 13.7/7

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -41.392 ± 30.204 χ^2/NDF : 4.3/6

Left: -49.722 ± 20.328 χ^2/NDF : 18.1/14

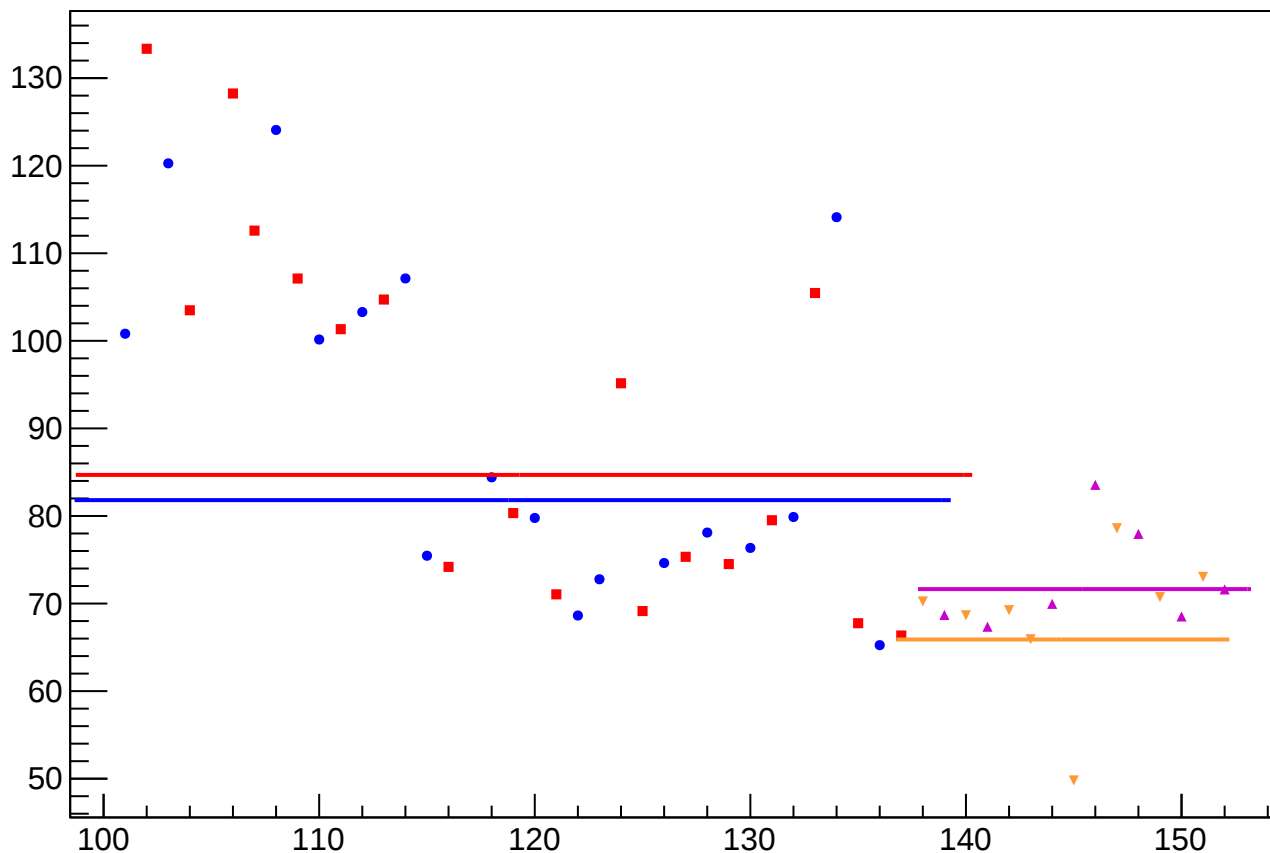
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -52.864 ± 22.058 χ^2/NDF : 15.4/23

Out: -23.360 ± 21.063 χ^2/NDF : 30.2/25

All: -37.432 ± 15.234 χ^2/NDF : 46.5/49

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 65.896+/-0.019 χ^2/NDF : 230880.1/7

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 71.651+/-0.021 χ^2/NDF : 55757.2/6

Left: 68.503+/-0.014 χ^2/NDF : 326358.4/14

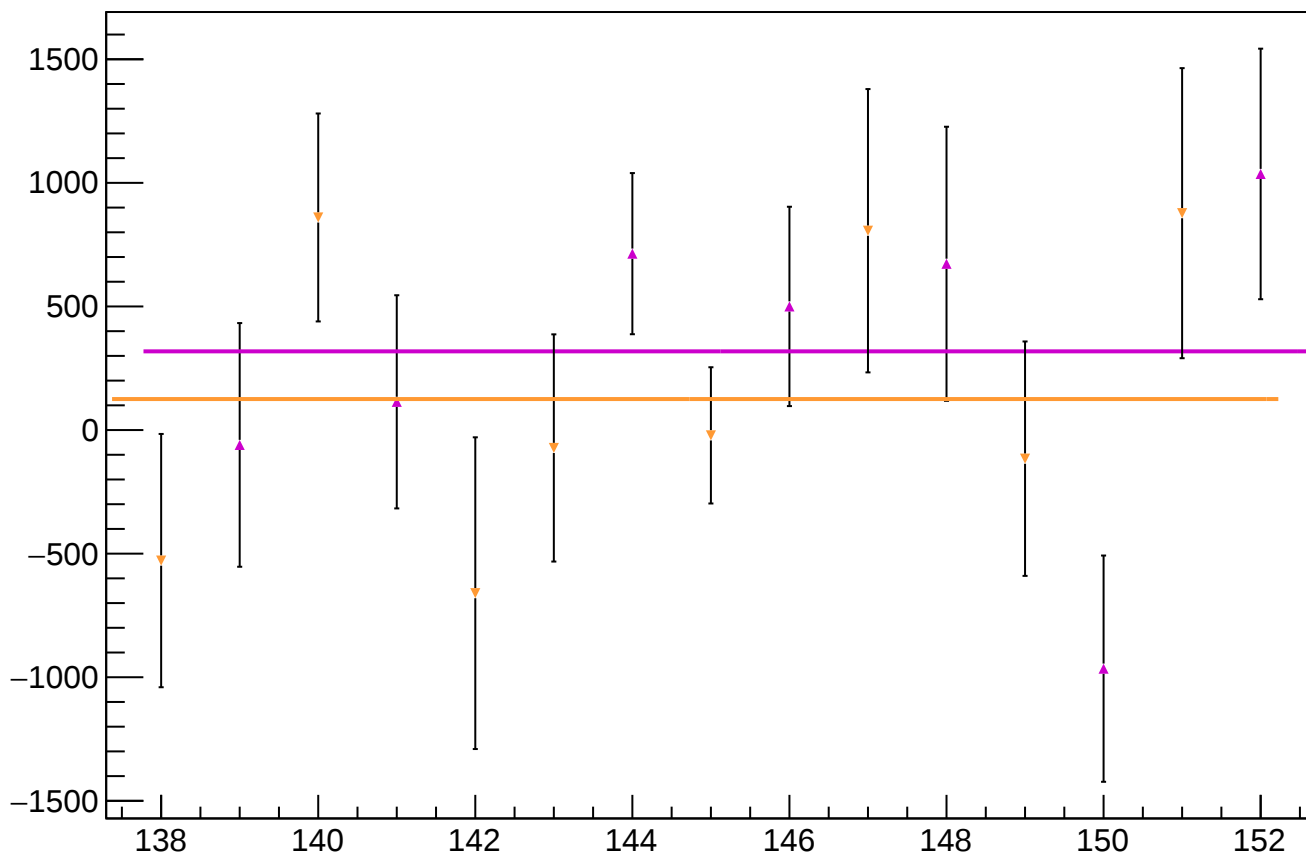
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 76.391+/-0.016 χ^2/NDF : 668515.7/23

Out: 73.652+/-0.015 χ^2/NDF : 1232762.6/25

All: 74.958+/-0.011 χ^2/NDF : 1917415.9/49

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: 318.372+/-164.451 χ^2/NDF :12.8/6

Left: 217.778+/-113.775 χ^2/NDF : 23.5/14

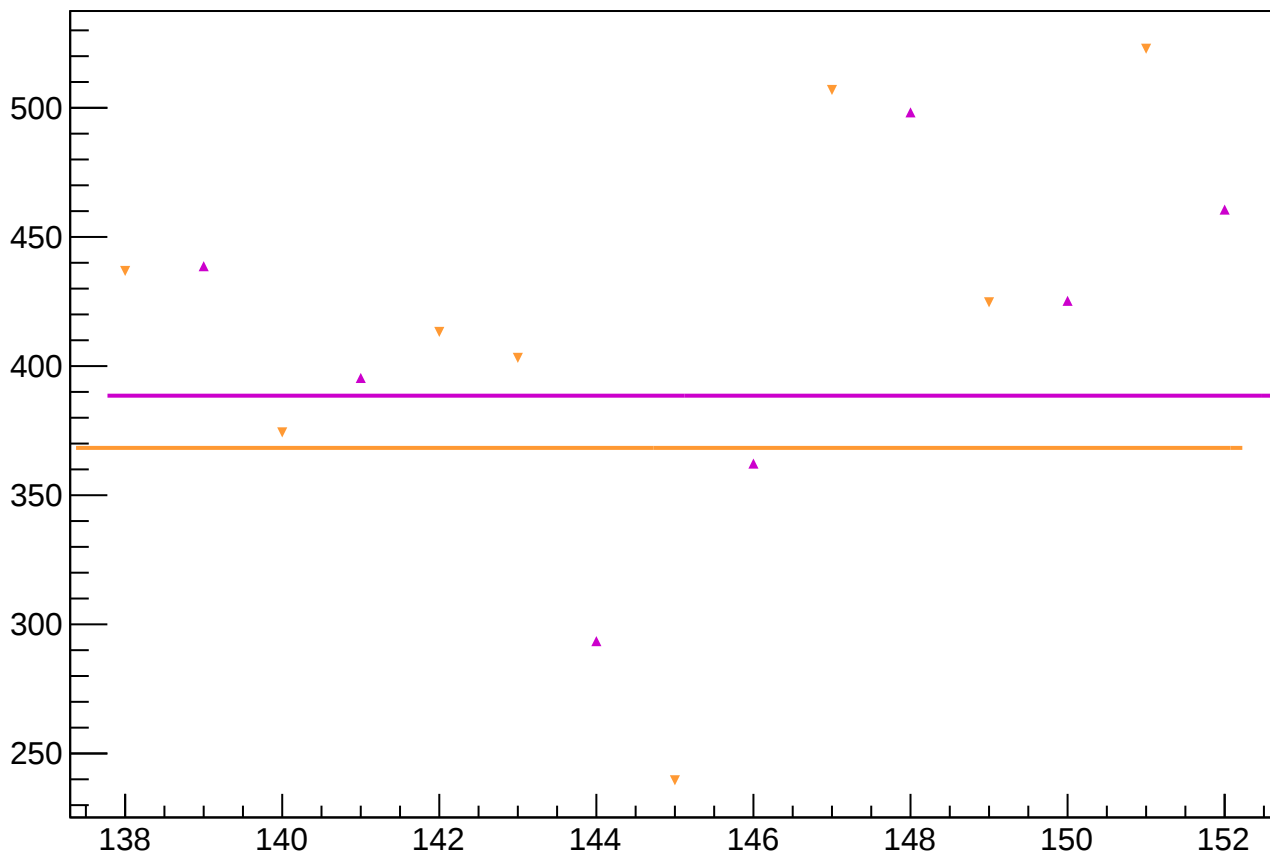
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 318.372+/-164.451 χ^2/NDF :12.8/6

Out: 125.421+/-157.573 χ^2/NDF :10.0/7

All: 217.778+/-113.775 χ^2/NDF : 23.5/14

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.322+/-0.111 χ^2/NDF : 778042.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Left: 378.000+/-0.080 χ^2/NDF : 1125151.6/14

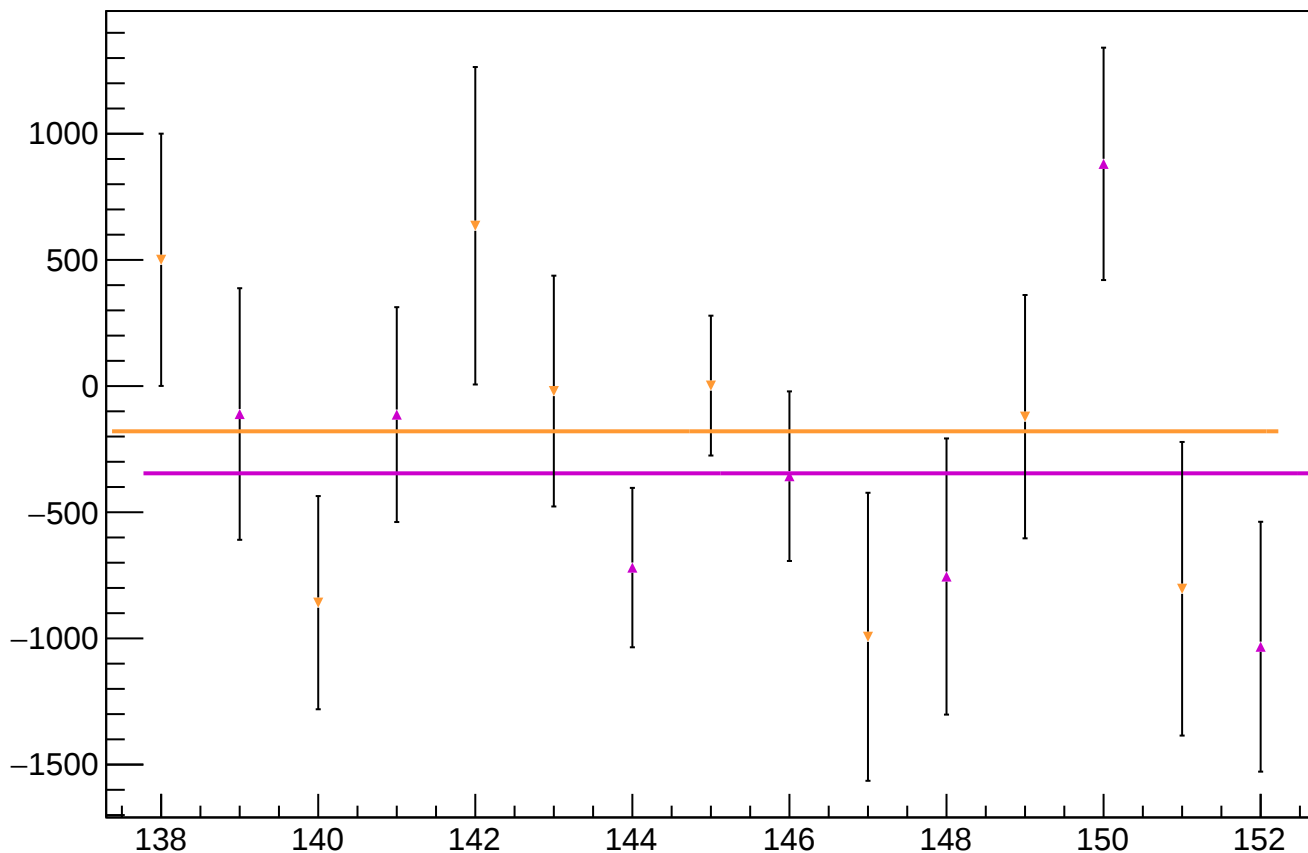
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Out: 368.322+/-0.111 χ^2/NDF : 778042.7/7

All: 378.000+/-0.080 χ^2/NDF : 1125151.6/14

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -179.219+/-157.601 χ^2/NDF : 9.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -345.726+/-157.031 χ^2/NDF : 11.5/6

Left: -262.774+/-111.239 χ^2/NDF : 21.9/14

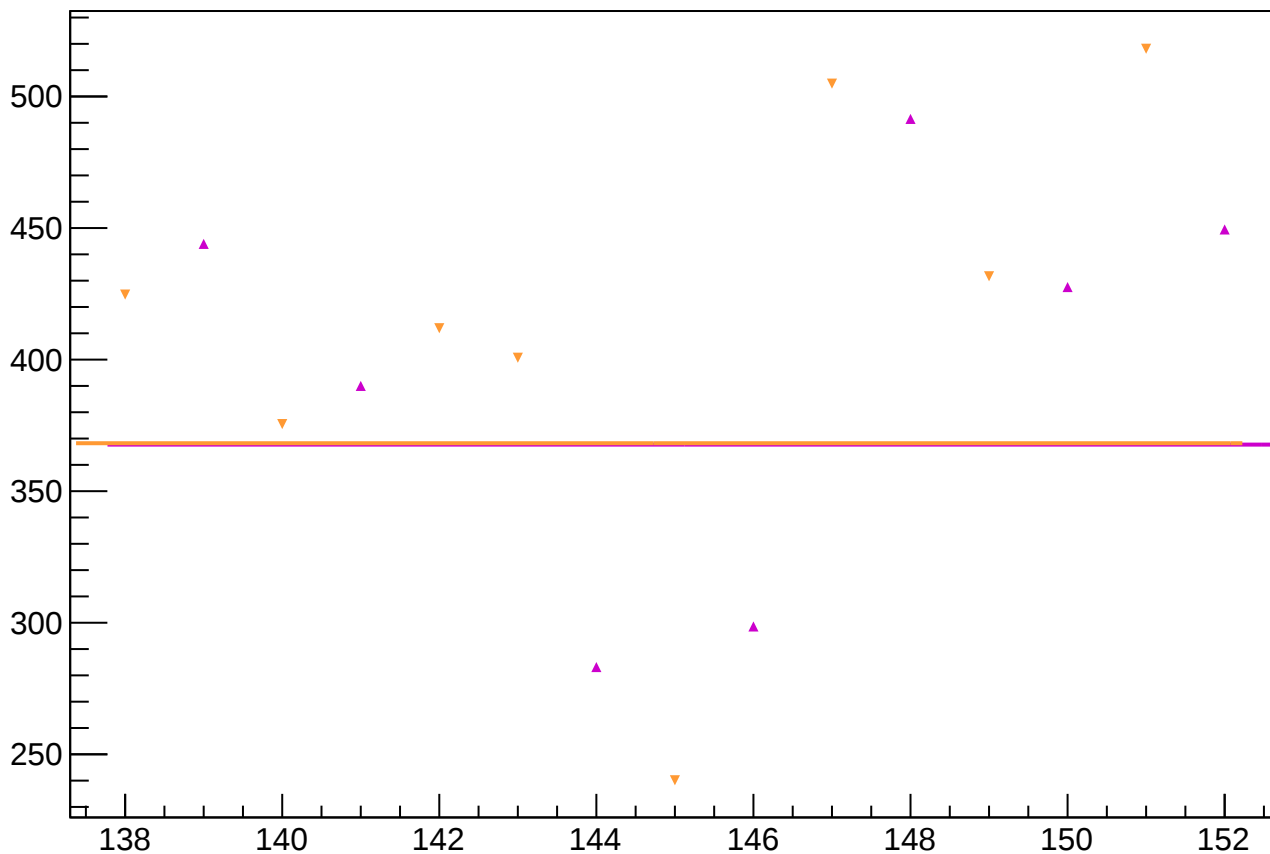
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -345.726+/-157.031 χ^2/NDF : 11.5/6

Out: -179.219+/-157.601 χ^2/NDF : 9.9/7

All: -262.774+/-111.239 χ^2/NDF : 21.9/14

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.223+/-0.111 χ^2/NDF : 755283.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Left: 367.960+/-0.079 χ^2/NDF : 1226145.3/14

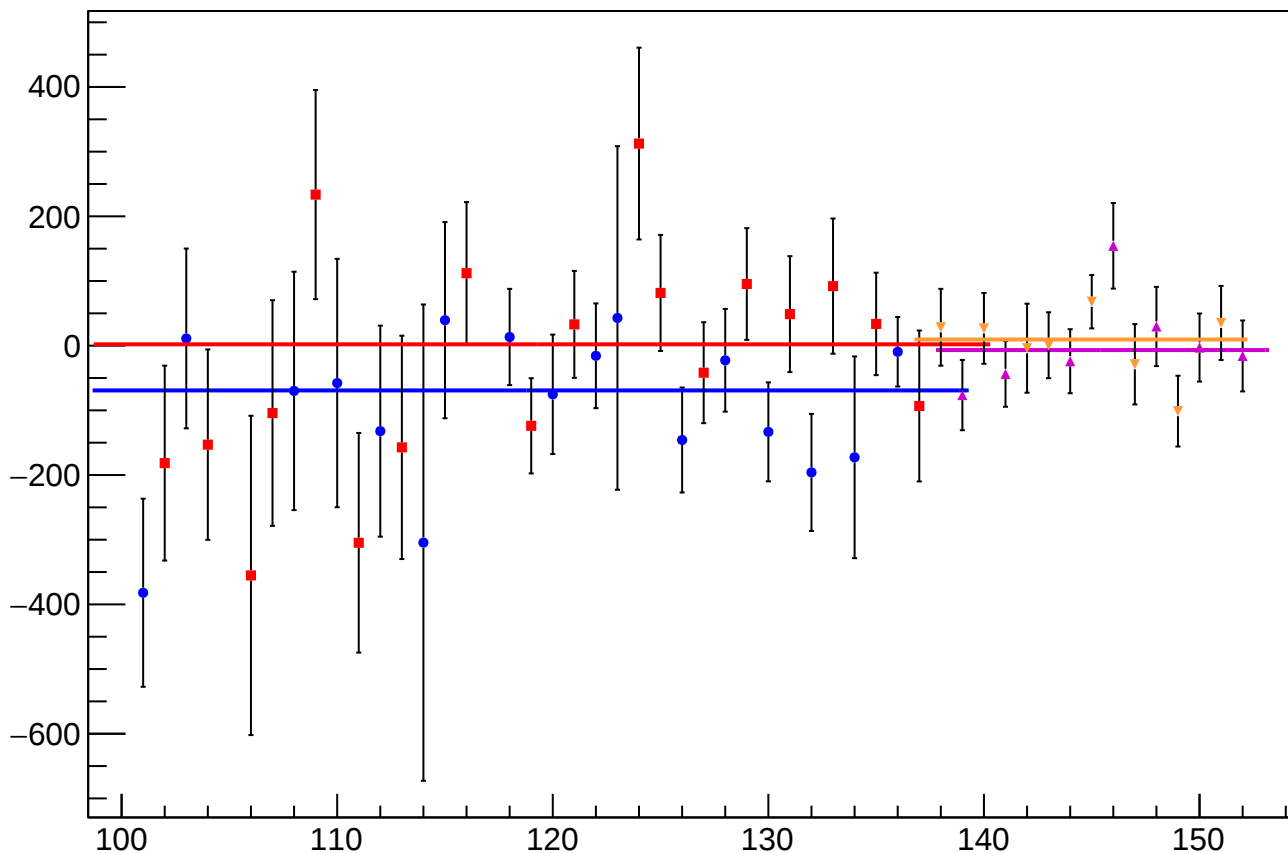
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Out: 368.223+/-0.111 χ^2/NDF : 755283.0/7

All: 367.960+/-0.079 χ^2/NDF : 1226145.3/14

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 9.559 ± 19.244 $\chi^2/\text{NDF}: 7.0/7$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: -6.762 ± 20.747 $\chi^2/\text{NDF}: 8.6/6$

Left: 2.011 ± 14.109 $\chi^2/\text{NDF}: 15.9/14$

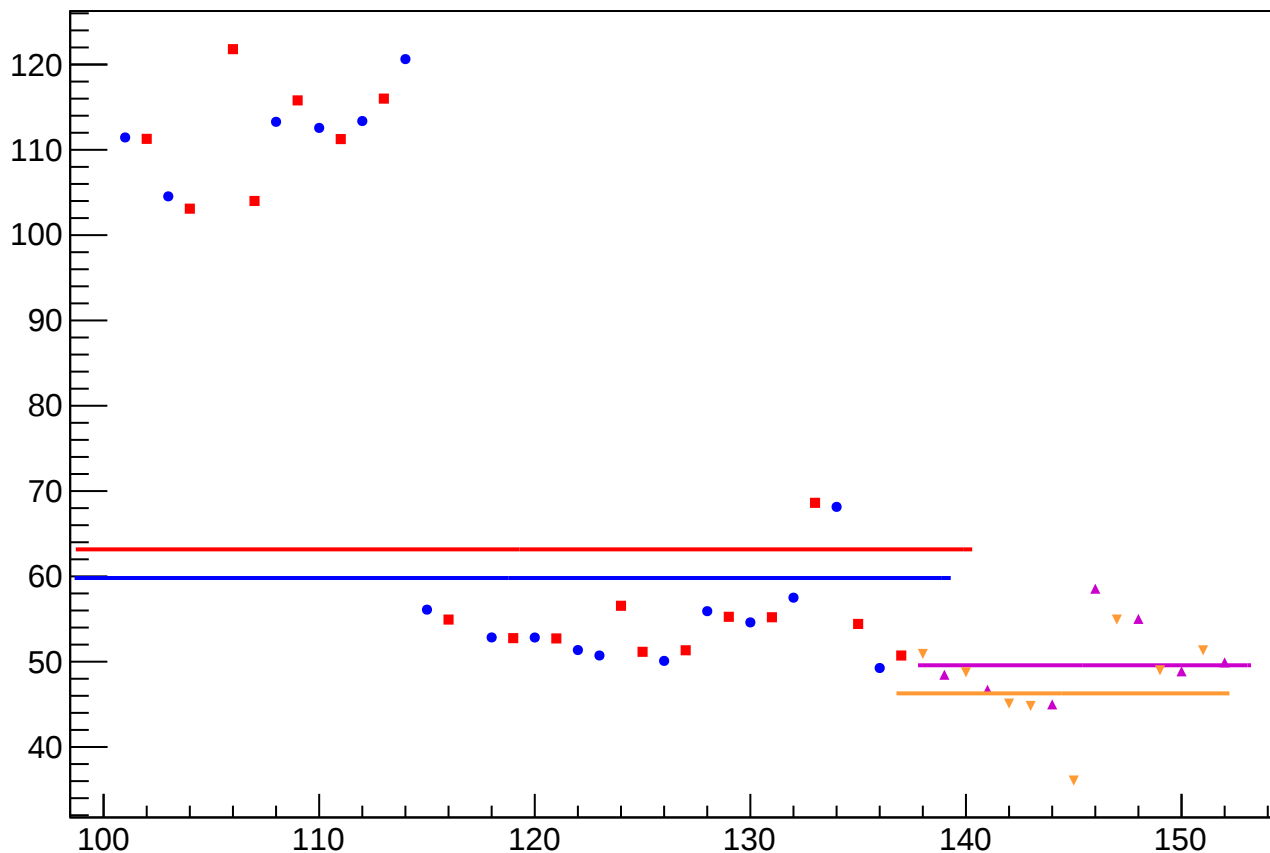
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -33.131 ± 15.767 $\chi^2/\text{NDF}: 25.9/23$

Out: 6.803 ± 15.292 $\chi^2/\text{NDF}: 30.8/25$

All: -12.552 ± 10.977 $\chi^2/\text{NDF}: 60.0/49$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.285+/-0.014 χ^2/NDF : 200427.0/7

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 49.578+/-0.015 χ^2/NDF : 77387.9/6

Left: 47.808+/-0.010 χ^2/NDF : 304905.9/14

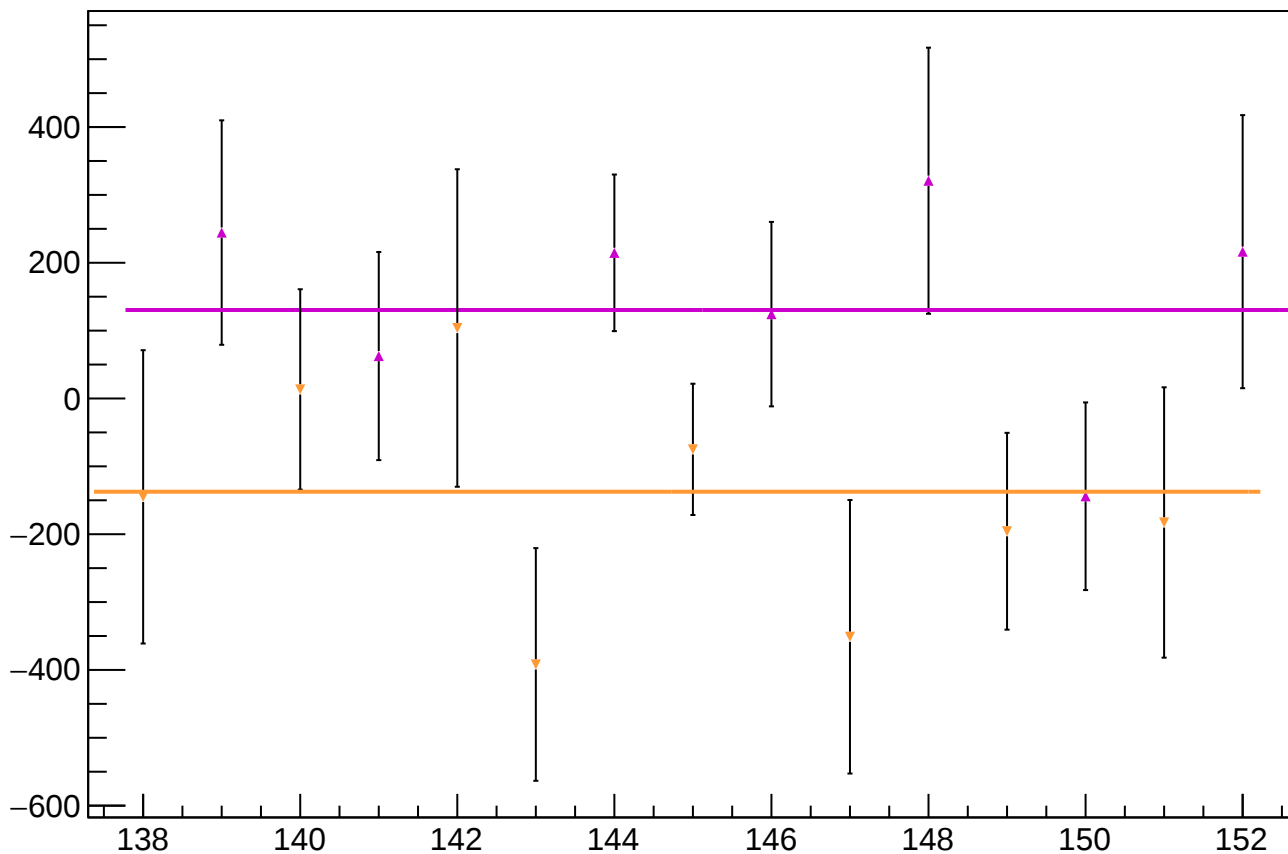
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 53.900+/-0.011 χ^2/NDF : 1512790.7/23

Out: 52.507+/-0.011 χ^2/NDF : 2154968.0/25

All: 53.182+/-0.008 χ^2/NDF : 3675799.2/49

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: 130.413+/-56.673 χ^2/NDF : 6.3/6

Left: -6.116+/-39.679 χ^2/NDF : 23.7/14

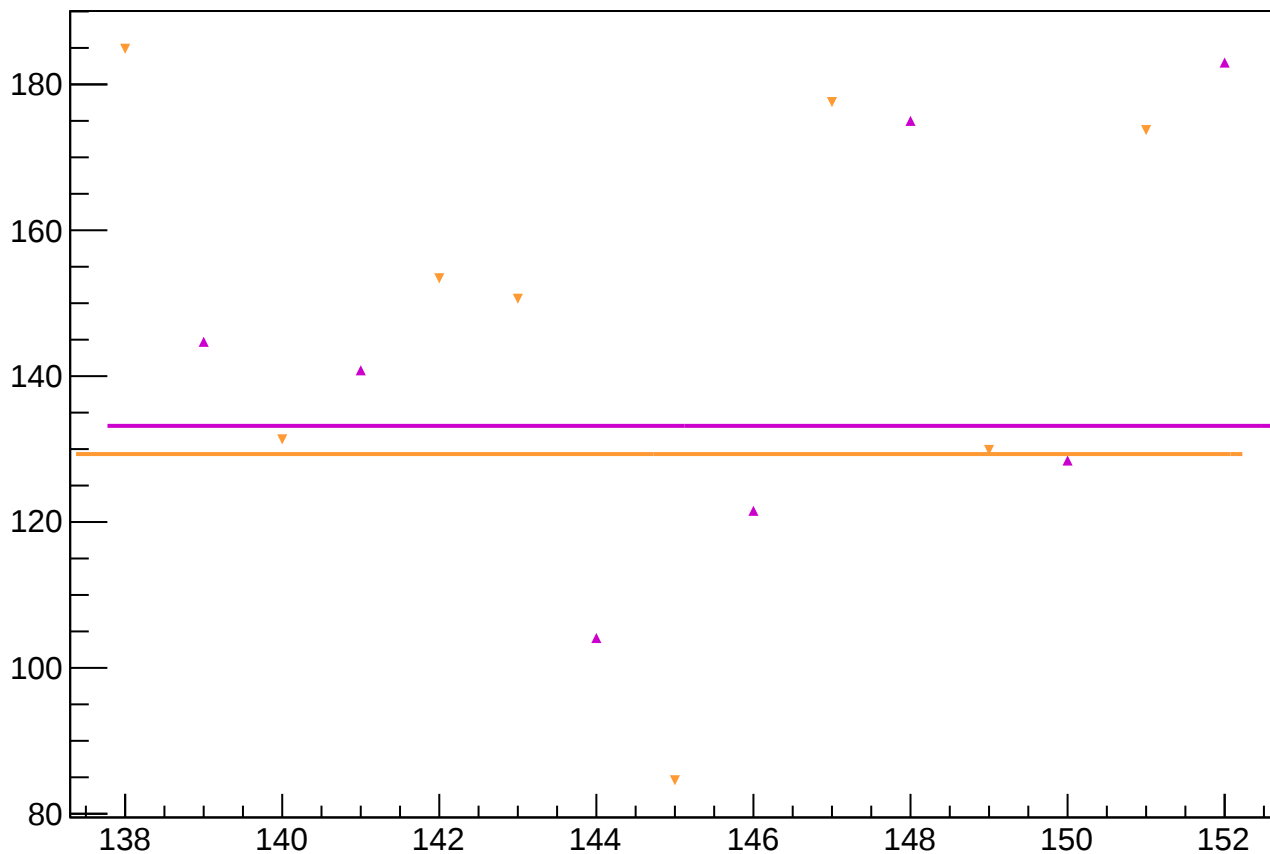
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.413+/-56.673 χ^2/NDF : 6.3/6

Out: -137.396+/-55.573 χ^2/NDF : 6.1/7

All: -6.116+/-39.679 χ^2/NDF : 23.7/14

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 129.318+/-0.039 χ^2/NDF :826406.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Left: 131.213+/-0.028 χ^2/NDF : 1203446.2/14

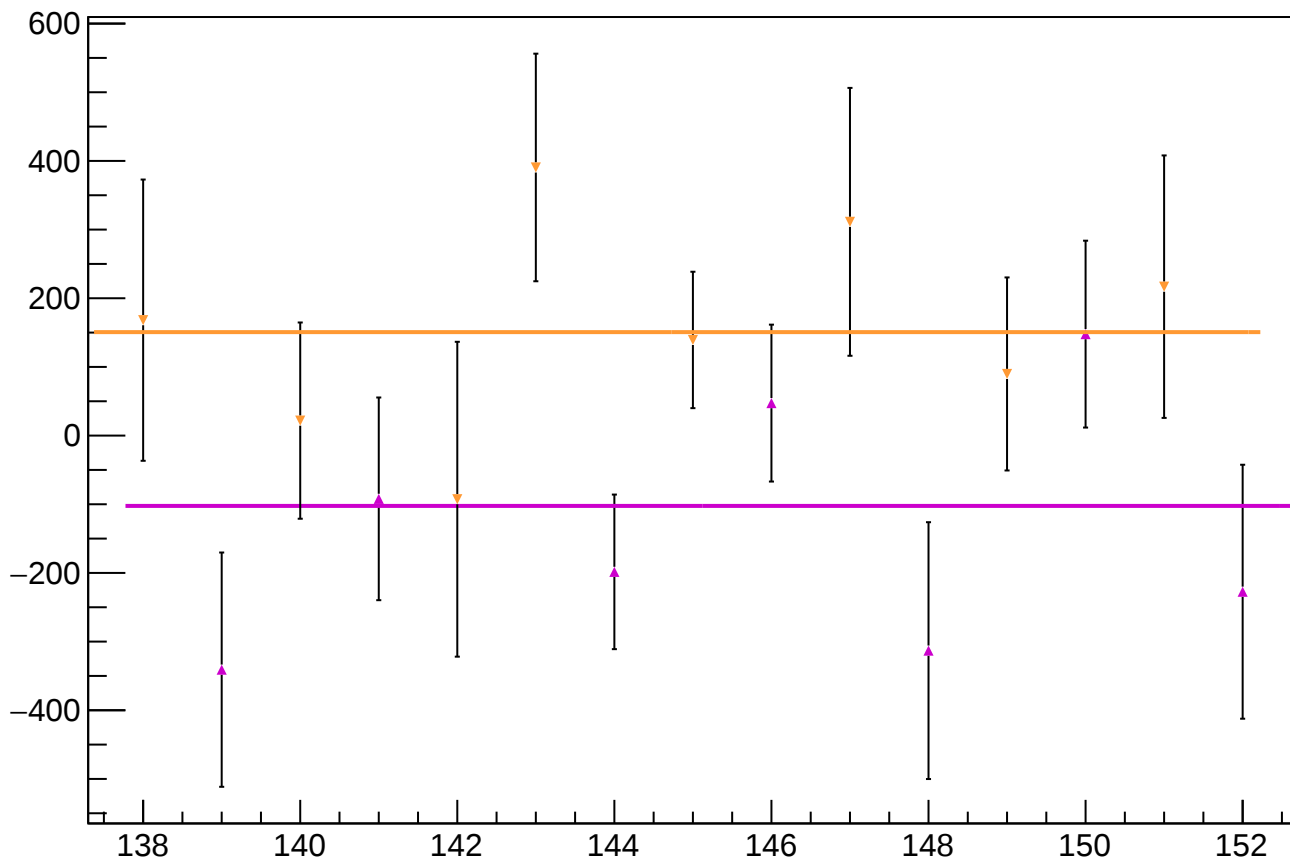
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Out: 129.318+/-0.039 χ^2/NDF :826406.0/7

All: 131.213+/-0.028 χ^2/NDF : 1203446.2/14

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 150.684+/-54.726 χ^2/NDF : 5.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Left: 21.584+/-38.304 χ^2/NDF : 25.5/14

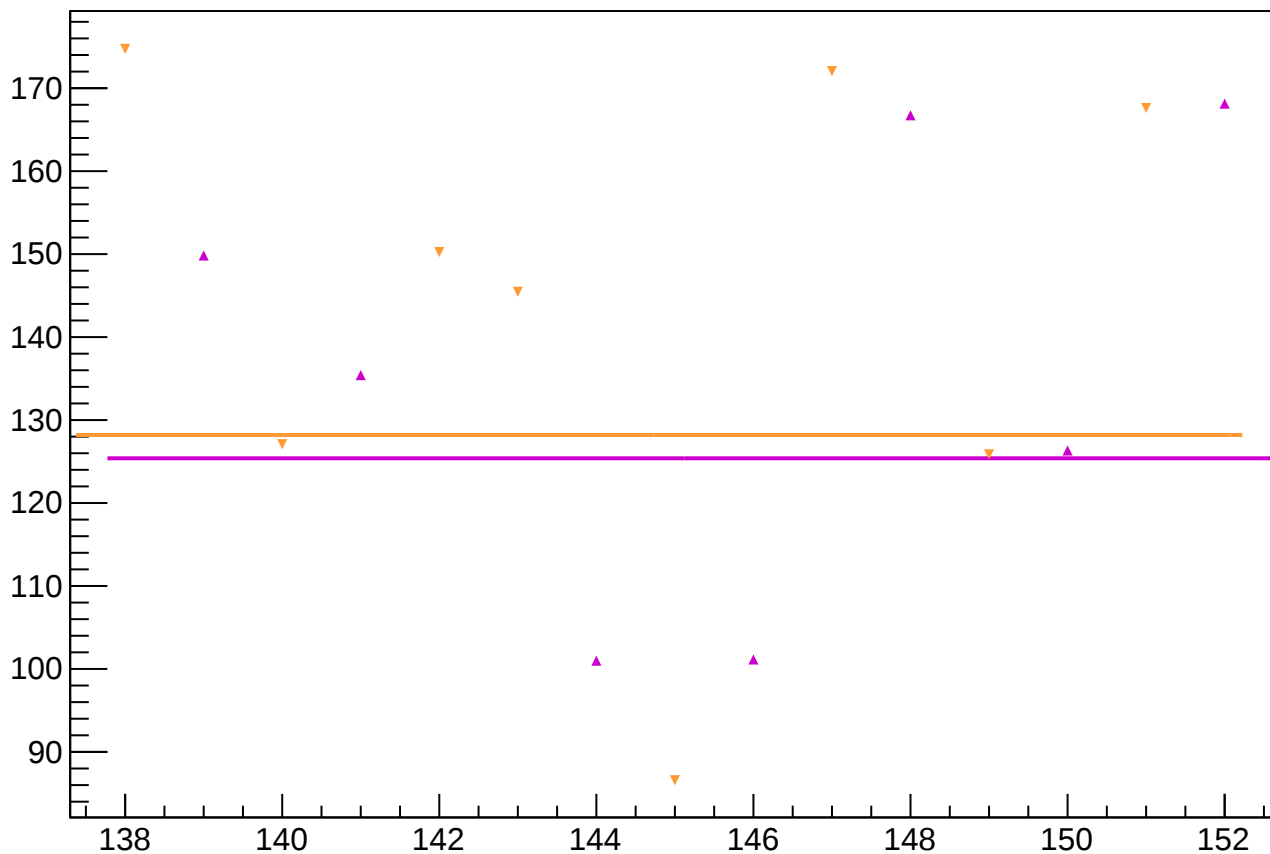
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Out: 150.684+/-54.726 χ^2/NDF : 5.0/7

All: 21.584+/-38.304 χ^2/NDF : 25.5/14

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.198+/-0.039 χ^2/NDF :681404.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 125.389+/-0.038 χ^2/NDF :439072.7/6

Left: 126.765+/-0.027 χ^2/NDF : 1123164.9/14

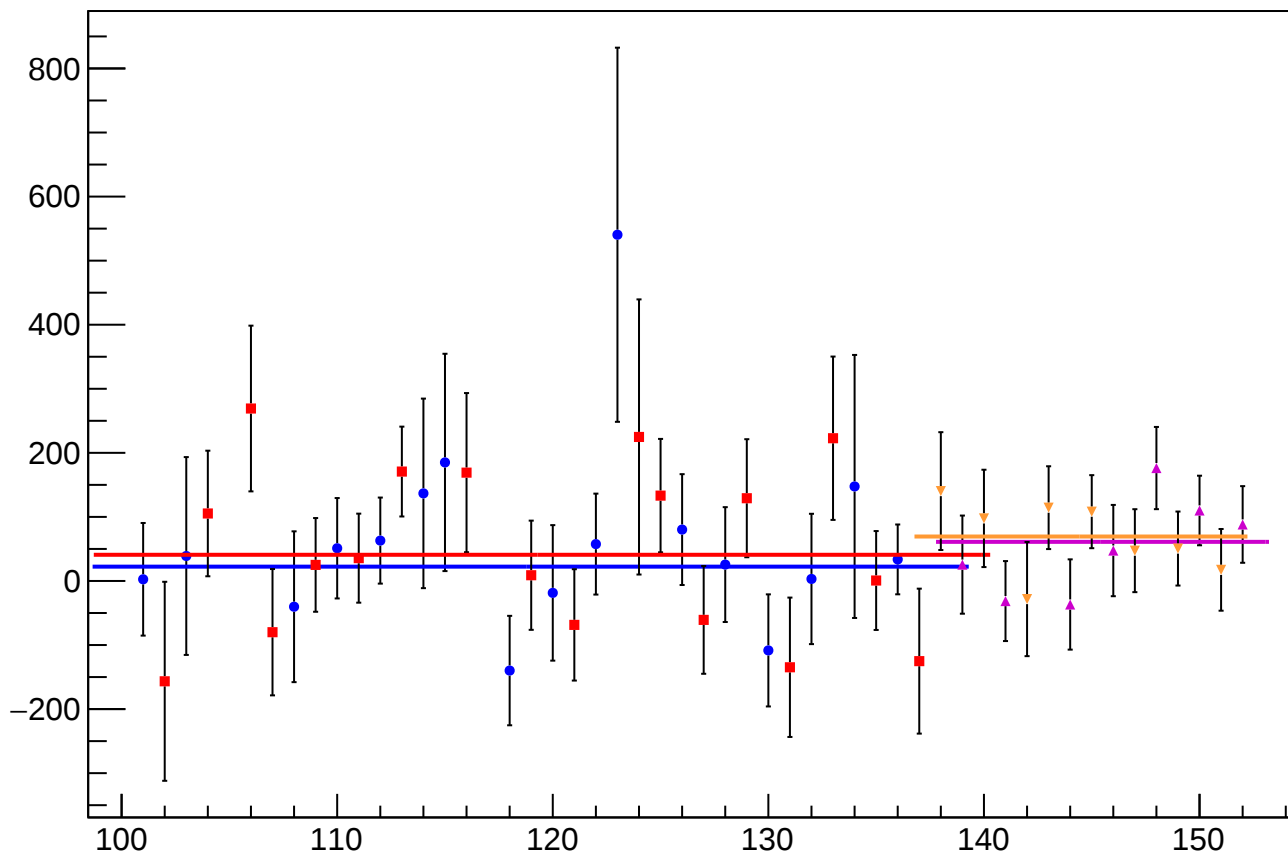
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 125.389+/-0.038 χ^2/NDF :439072.7/6

Out: 128.198+/-0.039 χ^2/NDF :681404.2/7

All: 126.765+/-0.027 χ^2/NDF : 1123164.9/14

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 69.379 ± 23.912 $\chi^2/\text{NDF}: 3.8/7$

Right Out: 40.867 ± 22.136 $\chi^2/\text{NDF}: 24.2/17$

Left In: 61.054 ± 24.347 $\chi^2/\text{NDF}: 8.6/6$

Left: 65.292 ± 17.060 $\chi^2/\text{NDF}: 12.4/14$

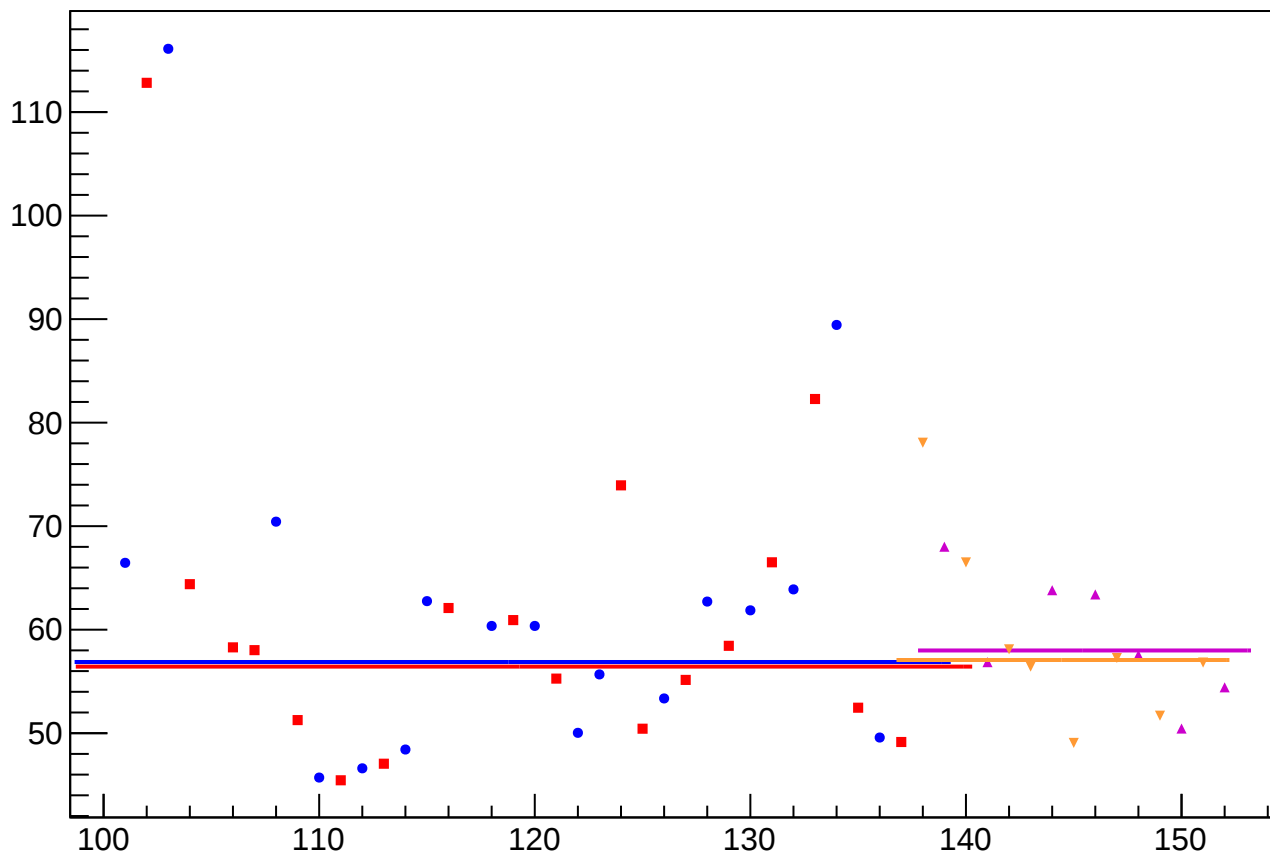
Right: 31.816 ± 15.823 $\chi^2/\text{NDF}: 37.1/34$

In: 40.291 ± 16.574 $\chi^2/\text{NDF}: 22.6/23$

Out: 54.025 ± 16.244 $\chi^2/\text{NDF}: 28.7/25$

All: 47.296 ± 11.601 $\chi^2/\text{NDF}: 51.7/49$

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: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 57.992 $\pm$ 0.017 χ^2 /NDF:105849.2/6

Left: 57.524 $\pm$ 0.012 χ^2 /NDF: 299637.3/14

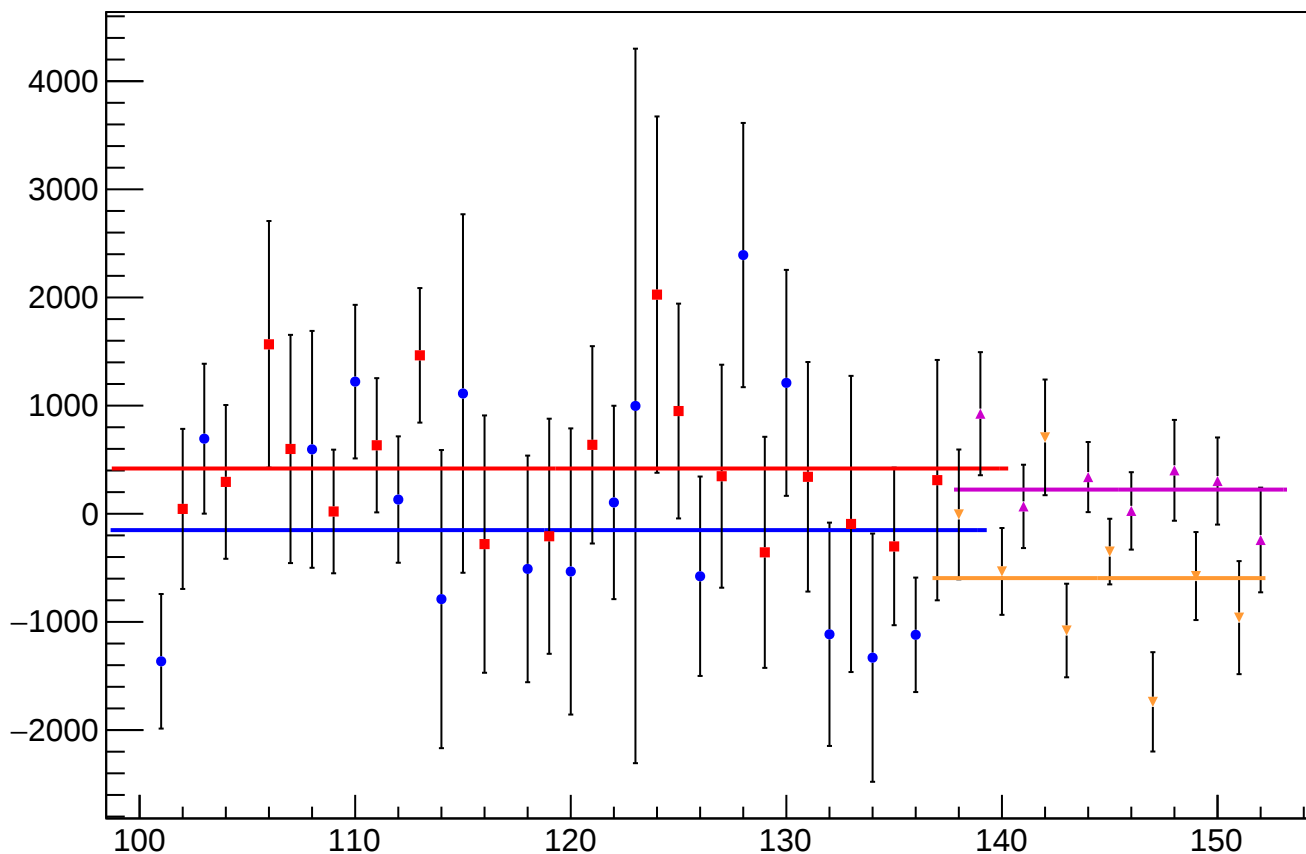
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.395 $\pm$ 0.012 χ^2 /NDF:683580.9/23

Out: 56.728 $\pm$ 0.011 χ^2 /NDF:713555.9/25

All: 57.055 $\pm$ 0.008 χ^2 /NDF: 1398785.8/49

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -594.936 $\pm$ 152.273 χ^2 /NDF:15.5/7

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 223.592 $\pm$ 153.989 χ^2 /NDF:3.2/6

Left: -190.257 $\pm$ 108.275 χ^2 /NDF: 33.0/14

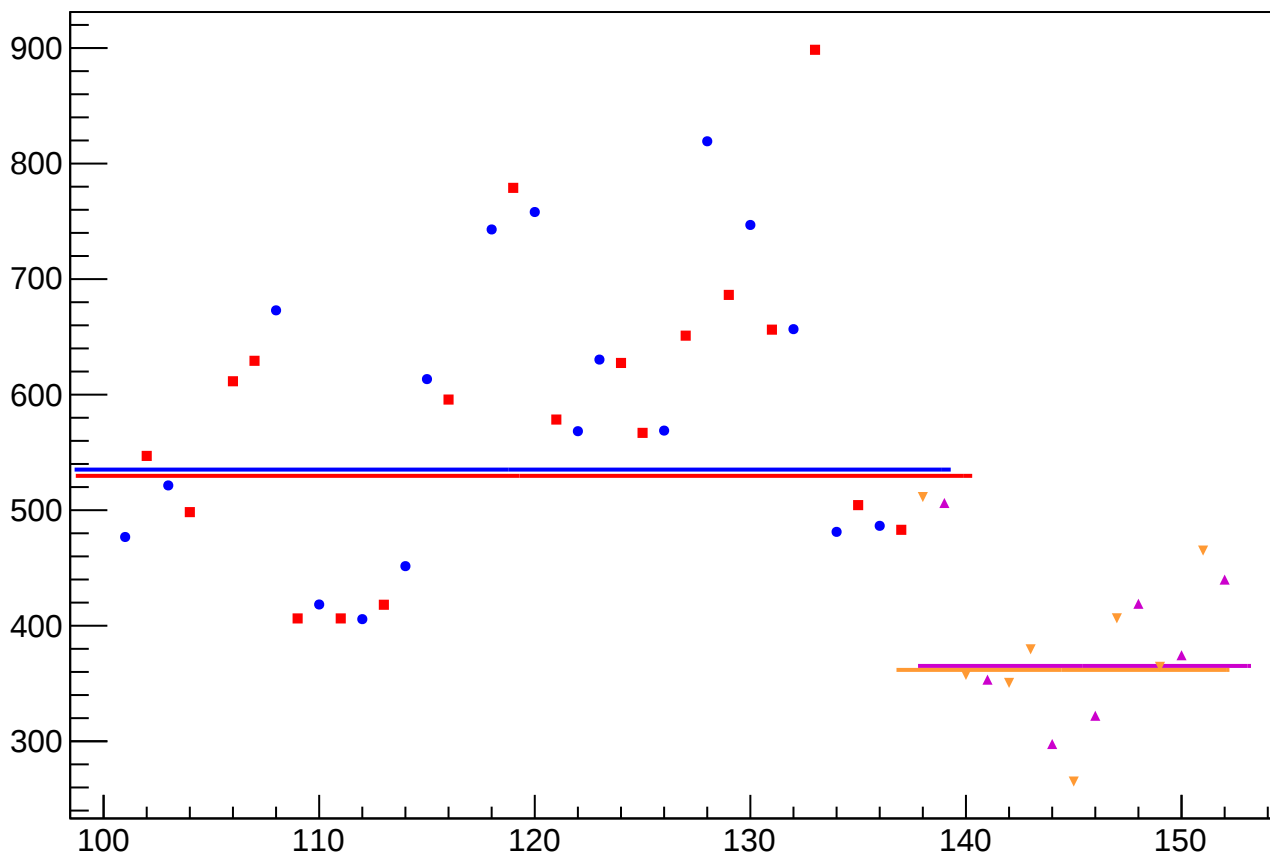
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 94.506 $\pm$ 124.681 χ^2 /NDF:27.7/23

Out: -234.714 $\pm$ 122.253 χ^2 /NDF:39.7/25

All: -73.341 $\pm$ 87.292 χ^2 /NDF: 70.9/49

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: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 365.197 $\pm$ 0.109 χ^2 /NDF: 316012.0/6

Left: 363.462 $\pm$ 0.077 χ^2 /NDF: 745308.1/14

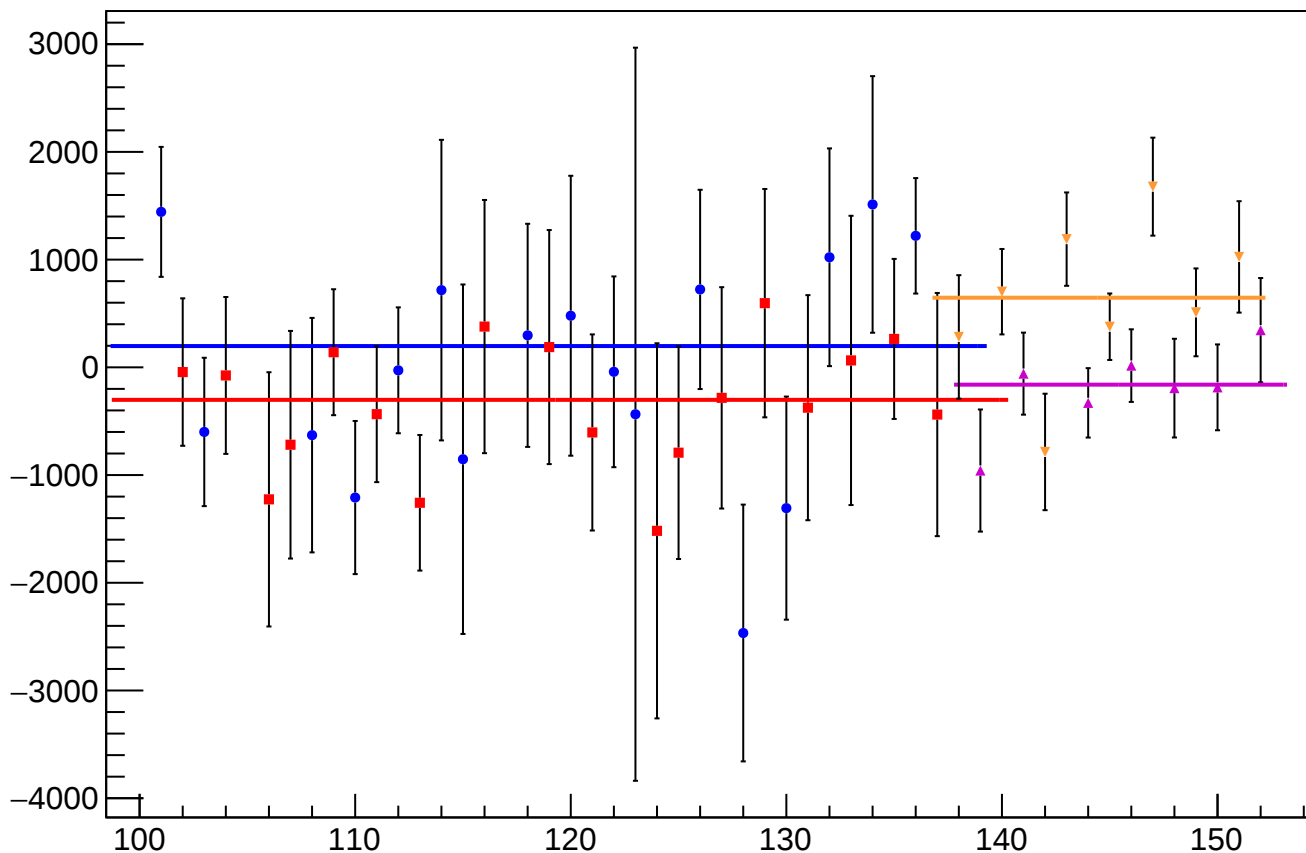
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 423.729 $\pm$ 0.088 χ^2 /NDF: 1751060.0/23

Out: 421.461 $\pm$ 0.086 χ^2 /NDF: 1940315.1/25

All: 422.573 $\pm$ 0.062 χ^2 /NDF: 3691712.2/49

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: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -160.765 $\pm$ 151.131 χ^2 /NDF:3.7/6

Left: 240.249 $\pm$ 107.198 χ^2 /NDF: 33.4/14

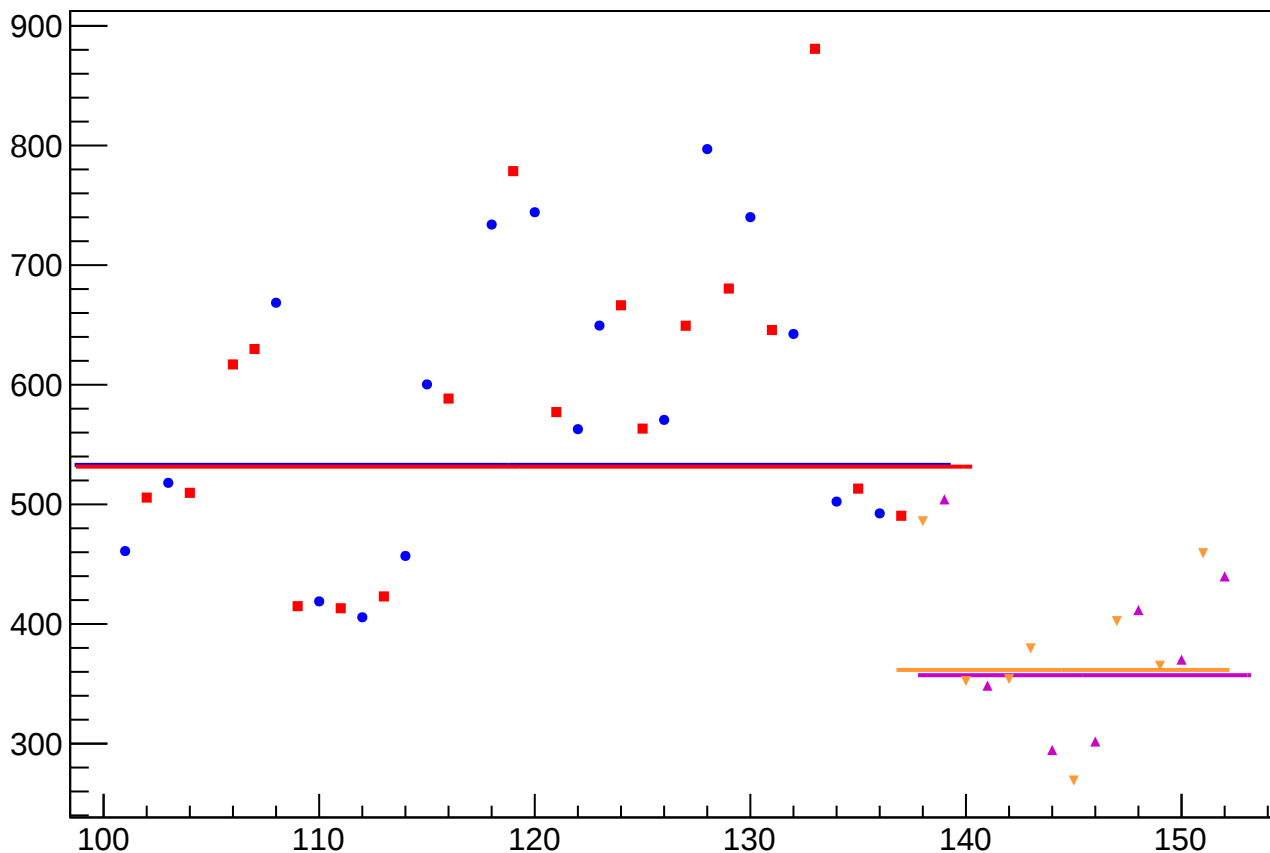
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -39.630 $\pm$ 122.960 χ^2 /NDF:29.5/23

Out: 311.205 $\pm$ 122.285 χ^2 /NDF:36.0/25

All: 136.753 $\pm$ 86.706 χ^2 /NDF: 69.6/49

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: 531.559 $\pm$ 0.145 χ^2/NDF : 597920.9/17

Left In: 357.209 $\pm$ 0.107 χ^2/NDF :353565.7/6

Left: 359.396 $\pm$ 0.076 χ^2/NDF : 720321.2/14

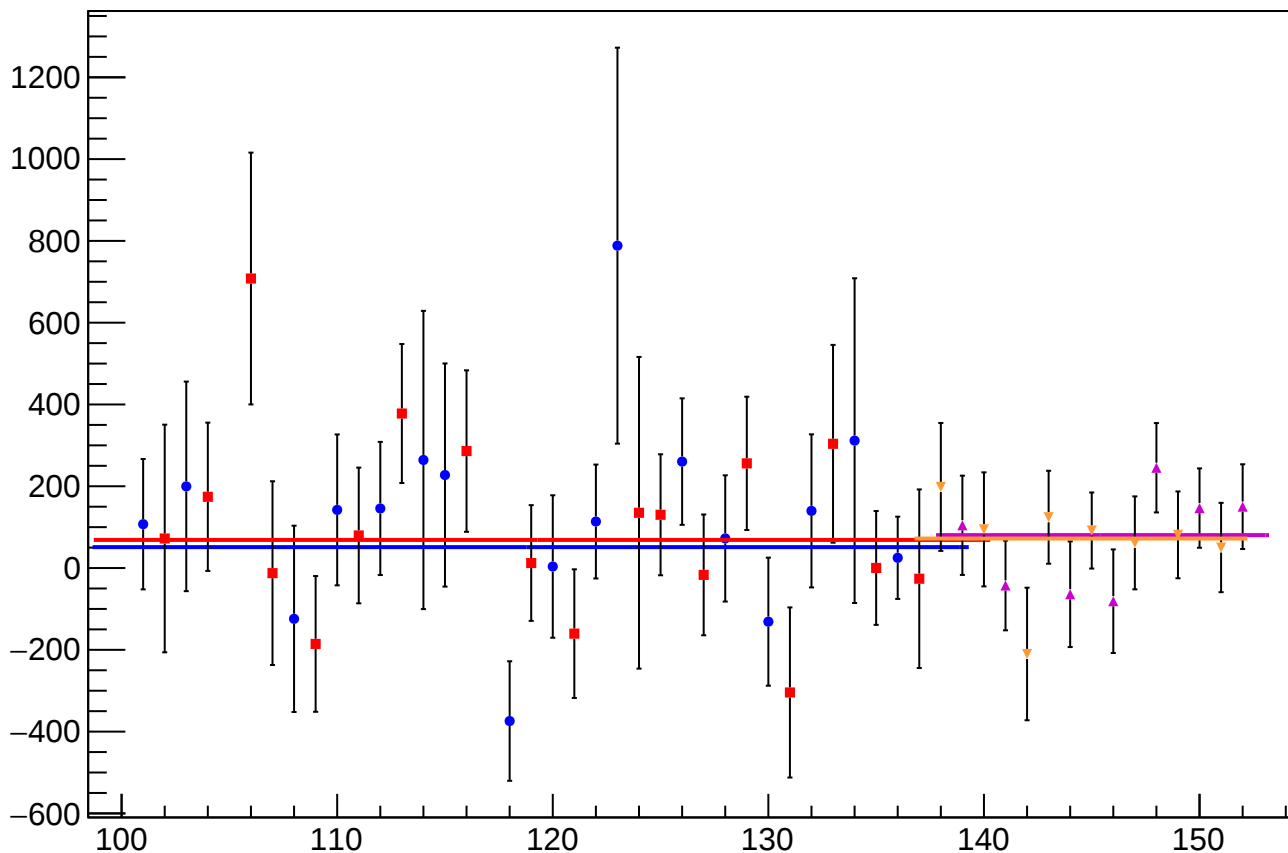
Right: 532.275 $\pm$ 0.104 χ^2/NDF : 1164821.8/34

In: 416.647 $\pm$ 0.087 χ^2/NDF :1835504.2/23

Out: 421.673 $\pm$ 0.086 χ^2/NDF :1846551.2/25

All: 419.174 $\pm$ 0.061 χ^2/NDF : 3683735.3/49

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: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 80.504 $\pm$ 42.398 χ^2 /NDF:7.4/6

Left: 76.268 $\pm$ 29.753 χ^2 /NDF: 11.4/14

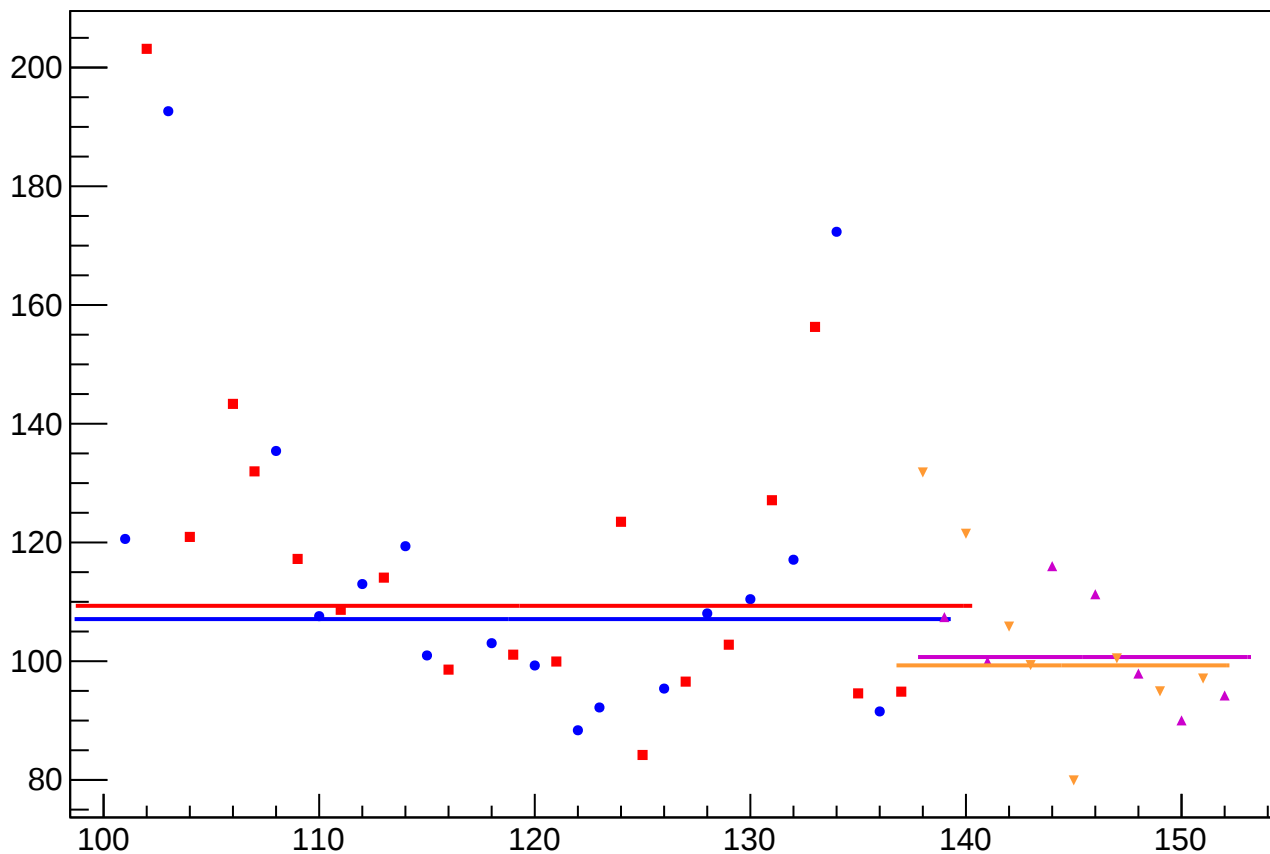
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 65.841 $\pm$ 29.986 χ^2 /NDF:25.0/23

Out: 70.510 $\pm$ 29.892 χ^2 /NDF:24.4/25

All: 68.183 $\pm$ 21.170 χ^2 /NDF: 49.4/49

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: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 100.704 $\pm$ 0.030 χ^2 /NDF:81580.0/6

Left: 99.990 $\pm$ 0.021 χ^2 /NDF: 314087.1/14

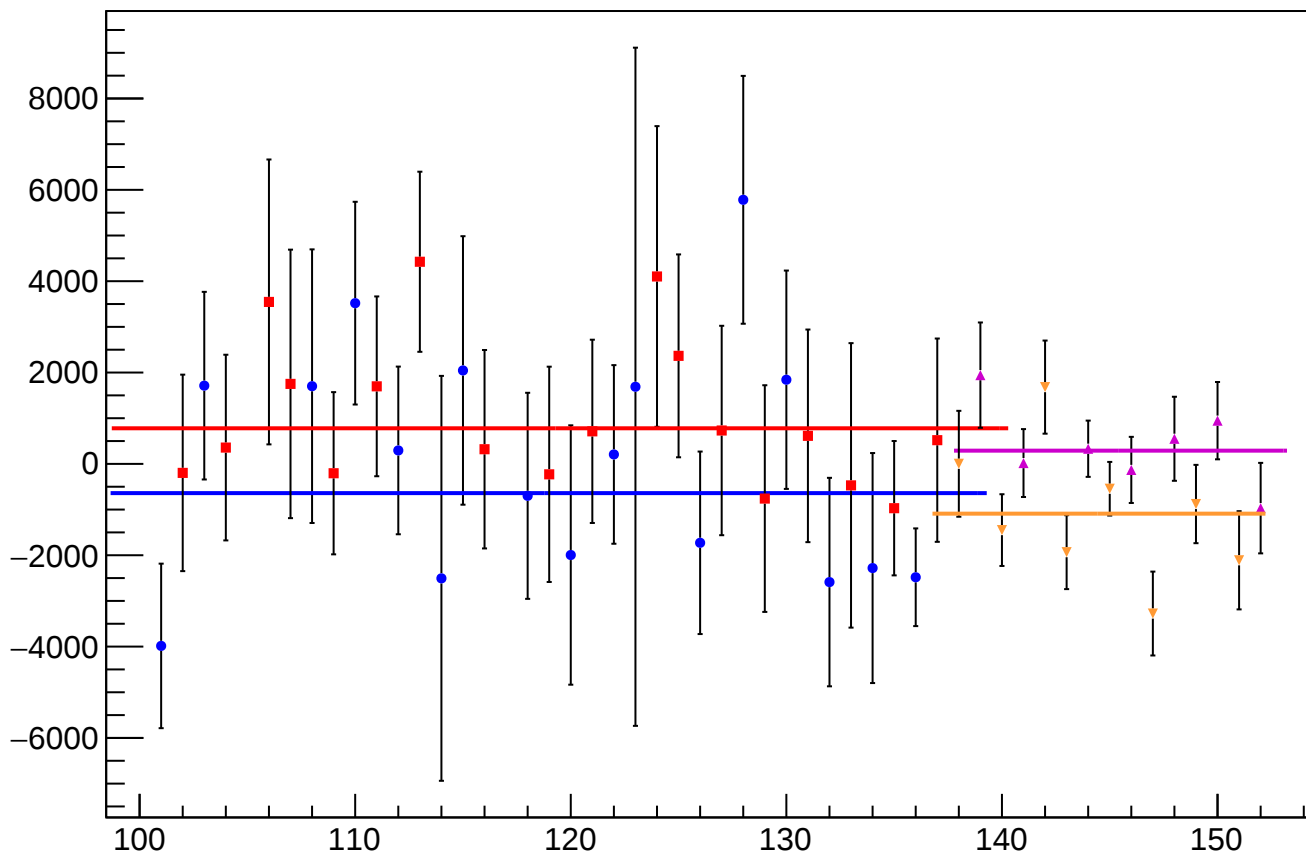
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 103.897 $\pm$ 0.021 χ^2 /NDF:542039.2/23

Out: 104.190 $\pm$ 0.021 χ^2 /NDF:793697.1/25

All: 104.044 $\pm$ 0.015 χ^2 /NDF: 1335831.6/49

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: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 289.865+/-305.686 χ^2/NDF : 4.8/6

Left: -414.581+/-213.834 χ^2/NDF : 32.3/14

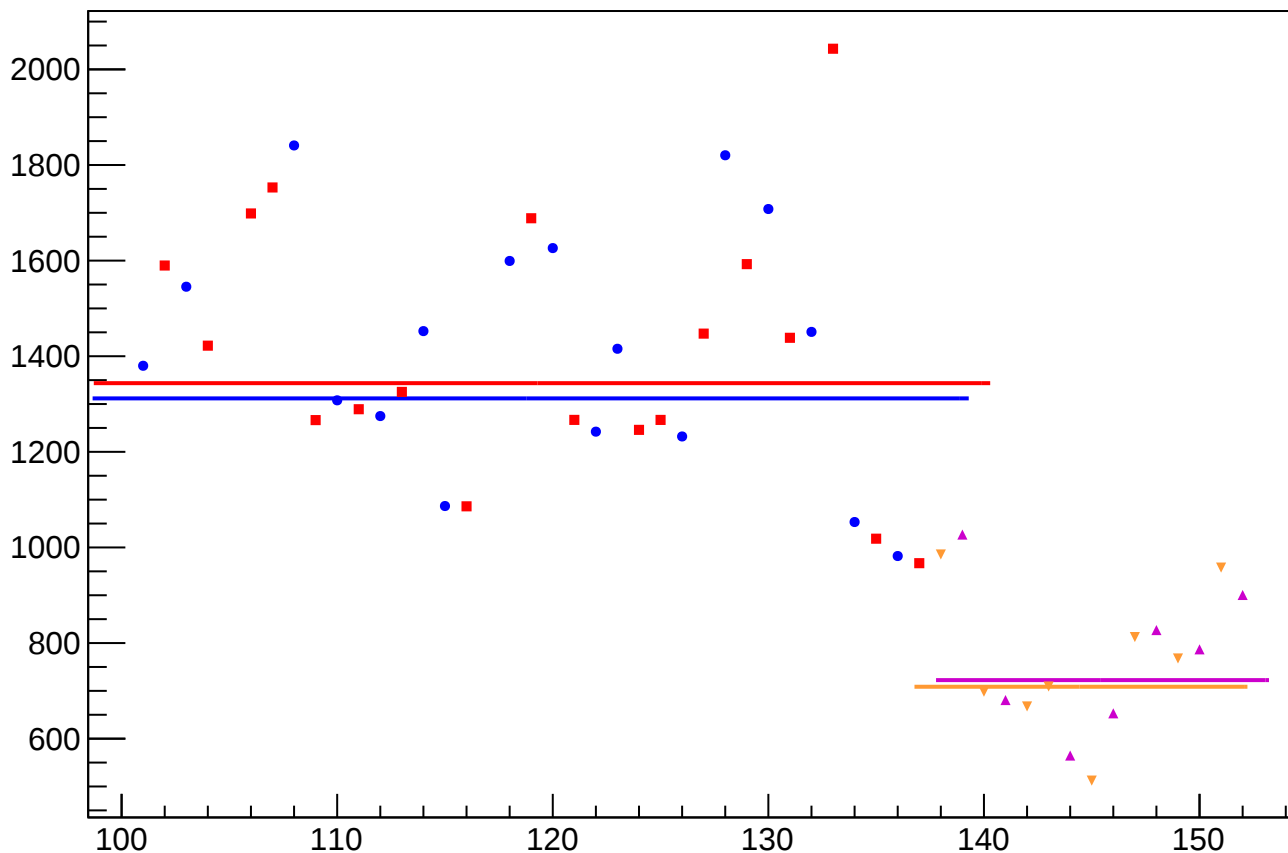
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 50.578+/-263.427 χ^2/NDF : 29.0/23

Out: -619.840+/-258.911 χ^2/NDF : 35.7/25

All: -290.427+/-184.654 χ^2/NDF : 68.0/49

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: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 722.495+/-0.216 χ^2/NDF : 397565.5/6

Left: 715.409+/-0.151 χ^2/NDF : 883451.0/14

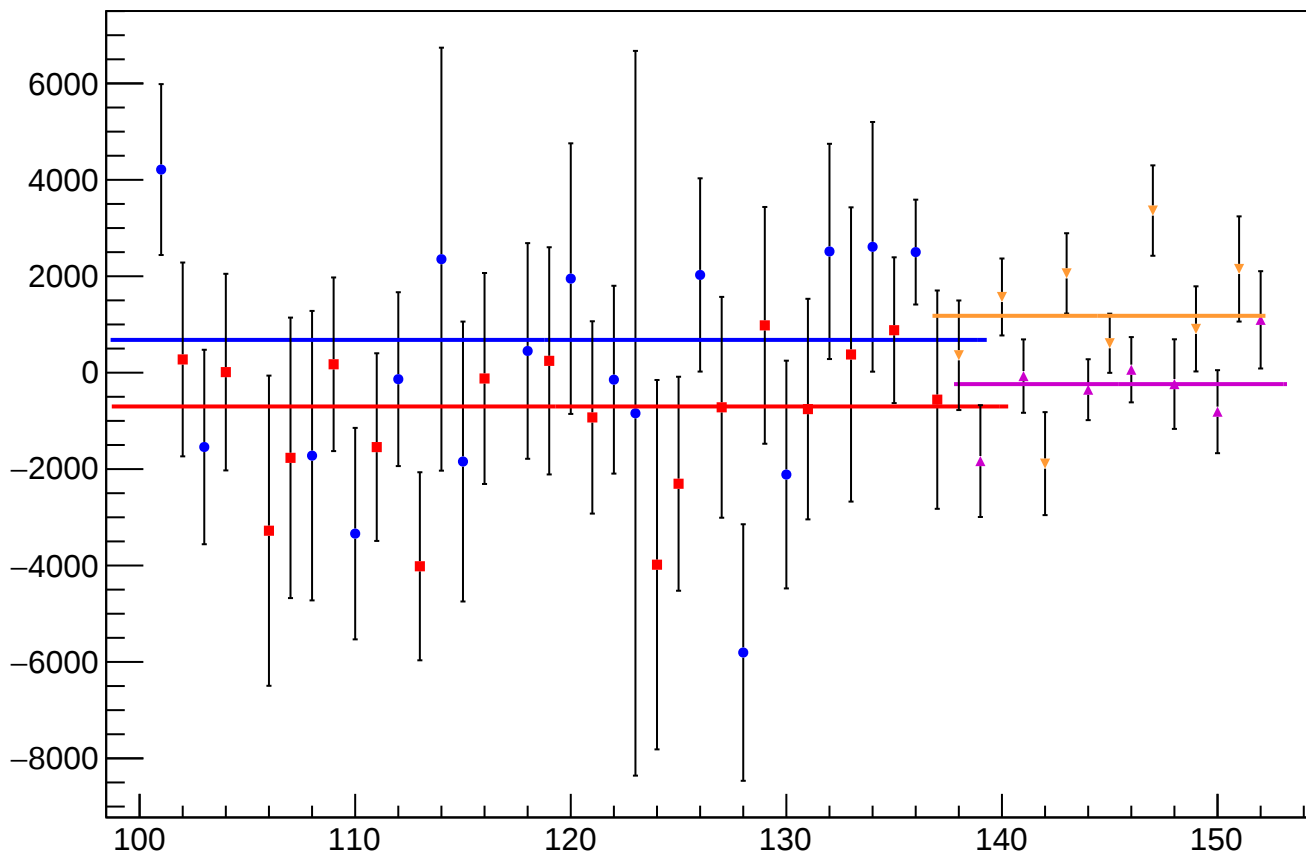
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 874.168+/-0.186 χ^2/NDF : 2823265.6/23

Out: 868.223+/-0.183 χ^2/NDF : 3208736.3/25

All: 871.144+/-0.131 χ^2/NDF : 6032519.9/49

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1179.612+/-307.442 χ^2/NDF : 17.3/7

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -237.246+/-306.480 χ^2/NDF : 4.4/6

Left: 468.961+/-217.053 χ^2/NDF : 32.3/14

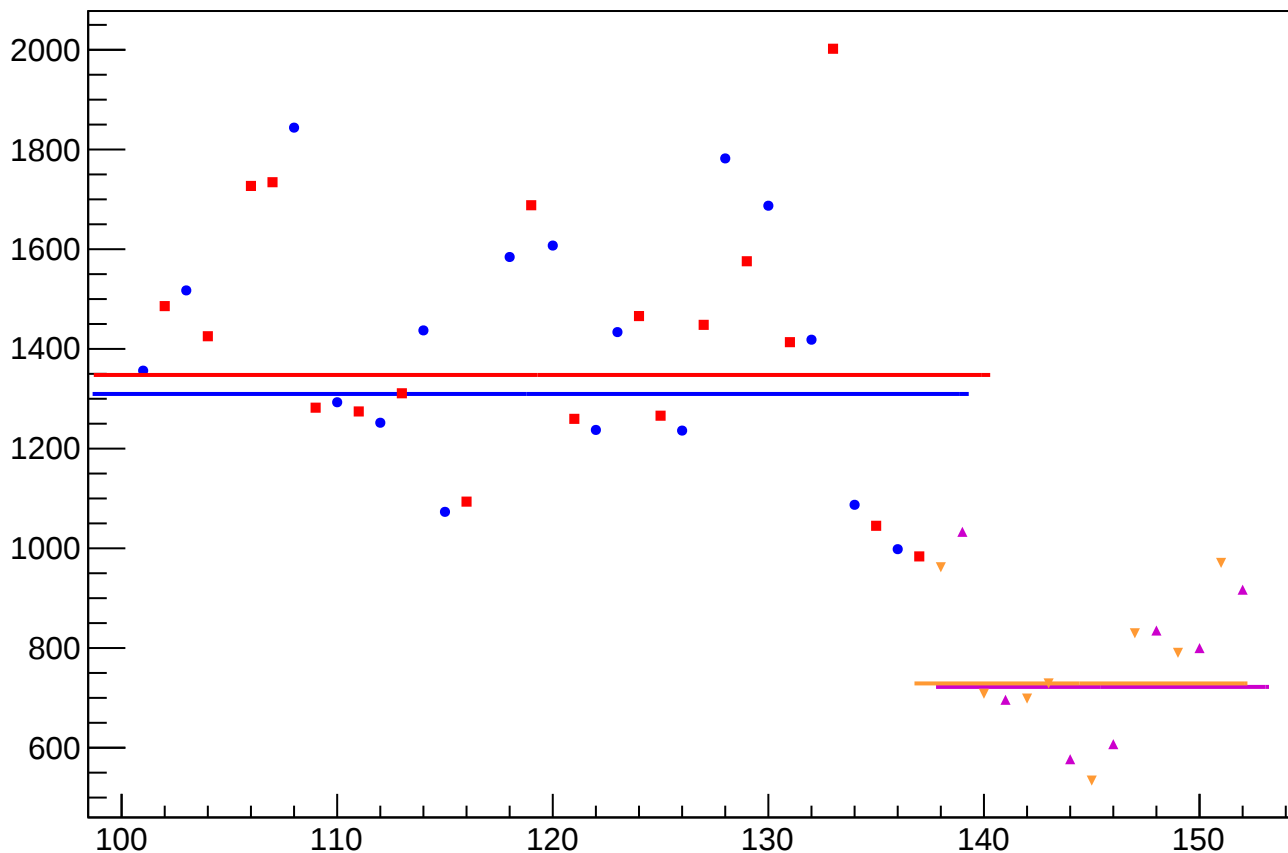
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 0.905+/-263.705 χ^2/NDF : 29.2/23

Out: 688.779+/-264.292 χ^2/NDF : 34.7/25

All: 344.077+/-186.675 χ^2/NDF : 67.3/49

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: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 722.001 $\pm$ 0.217 χ^2 /NDF: 429867.5/6

Left: 725.473 $\pm$ 0.153 χ^2 /NDF: 850084.7/14

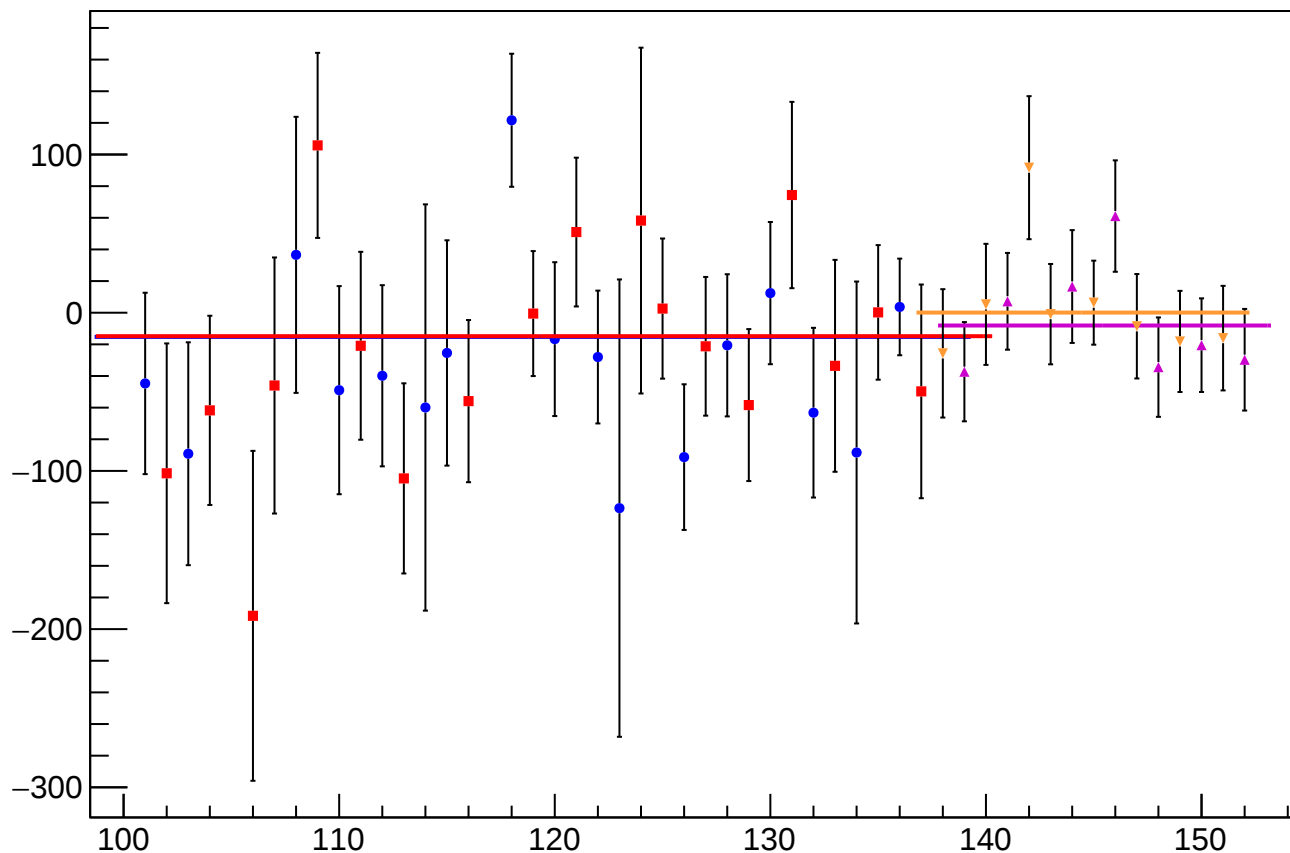
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 874.590 $\pm$ 0.186 χ^2 /NDF: 2798465.2/23

Out: 890.477 $\pm$ 0.187 χ^2 /NDF: 2939781.8/25

All: 882.516 $\pm$ 0.132 χ^2 /NDF: 5741868.6/49

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: 0.091 ± 11.949 $\chi^2/\text{NDF}: 5.2/7$

Right Out: -14.839 ± 13.097 $\chi^2/\text{NDF}: 18.2/17$

Left In: -8.087 ± 12.124 $\chi^2/\text{NDF}: 6.8/6$

Left: -3.938 ± 8.510 $\chi^2/\text{NDF}: 12.2/14$

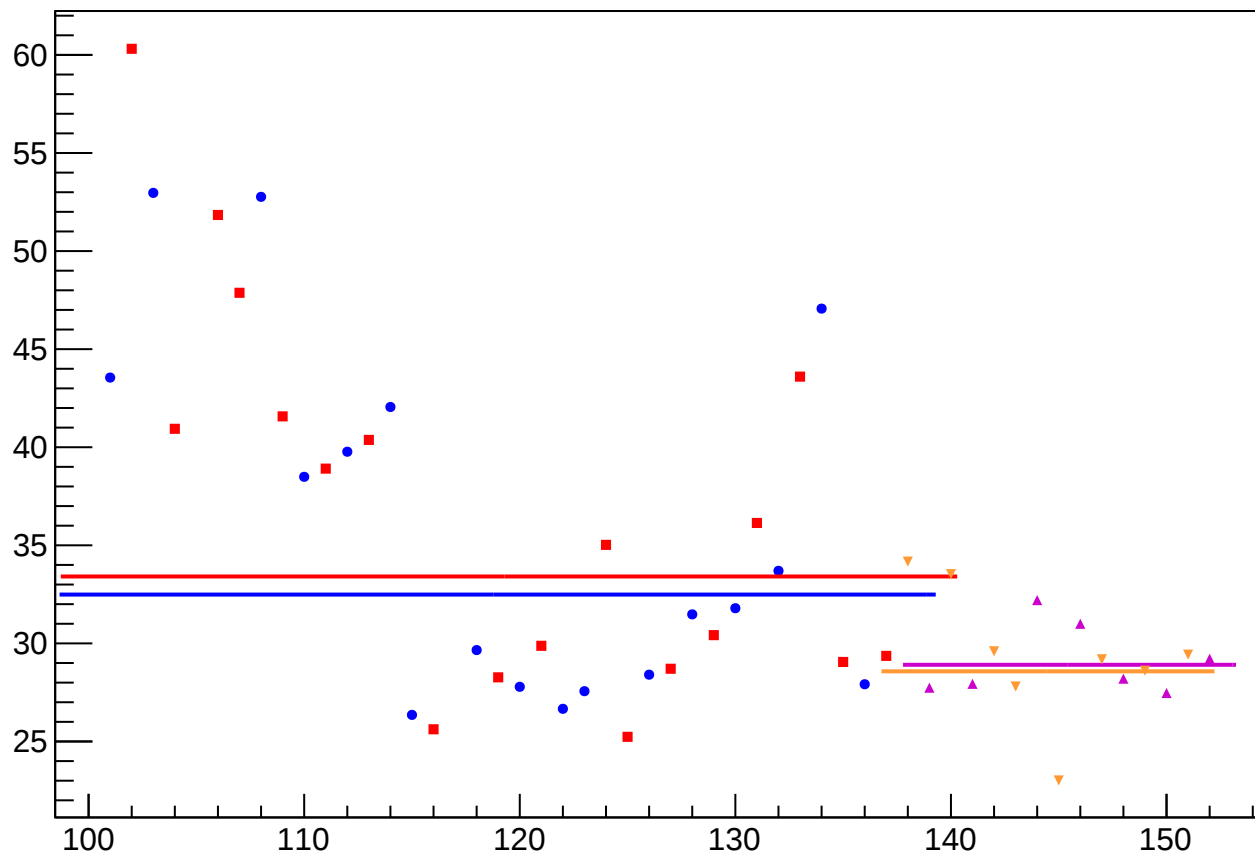
Right: -15.063 ± 9.193 $\chi^2/\text{NDF}: 36.5/34$

In: -11.459 ± 8.837 $\chi^2/\text{NDF}: 25.3/23$

Out: -6.691 ± 8.827 $\chi^2/\text{NDF}: 24.1/25$

All: -9.072 ± 6.245 $\chi^2/\text{NDF}: 49.5/49$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 28.576+/-0.008 χ^2/NDF : 163513.2/7

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 28.909+/-0.009 χ^2/NDF : 34880.3/6

Left: 28.740+/-0.006 χ^2/NDF : 199157.5/14

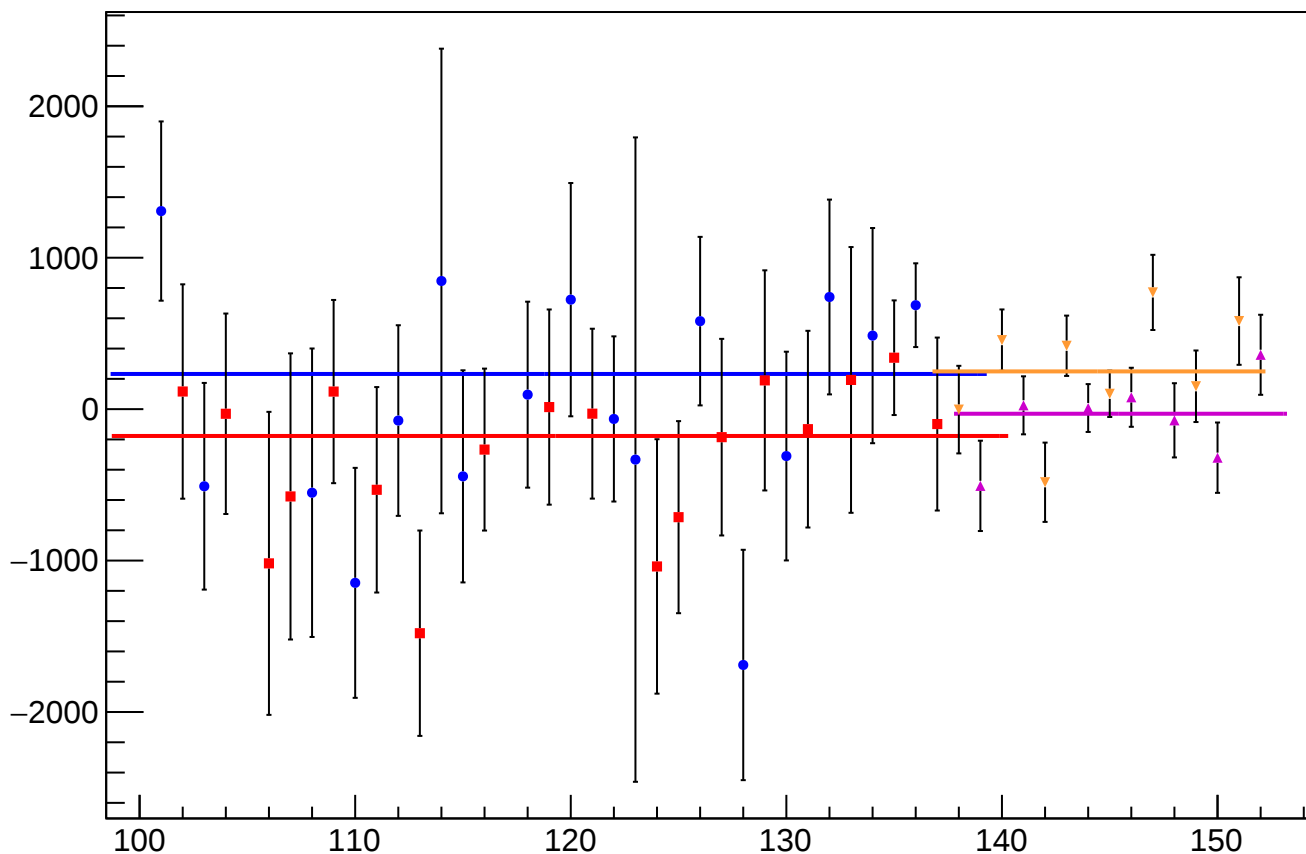
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 30.587+/-0.006 χ^2/NDF : 711126.0/23

Out: 30.772+/-0.006 χ^2/NDF : 1037463.6/25

All: 30.680+/-0.004 χ^2/NDF : 1749029.8/49

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: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -30.366 $\pm$ 80.487 χ^2 /NDF:6.8/6

Left: 114.017 $\pm$ 55.972 χ^2 /NDF: 30.2/14

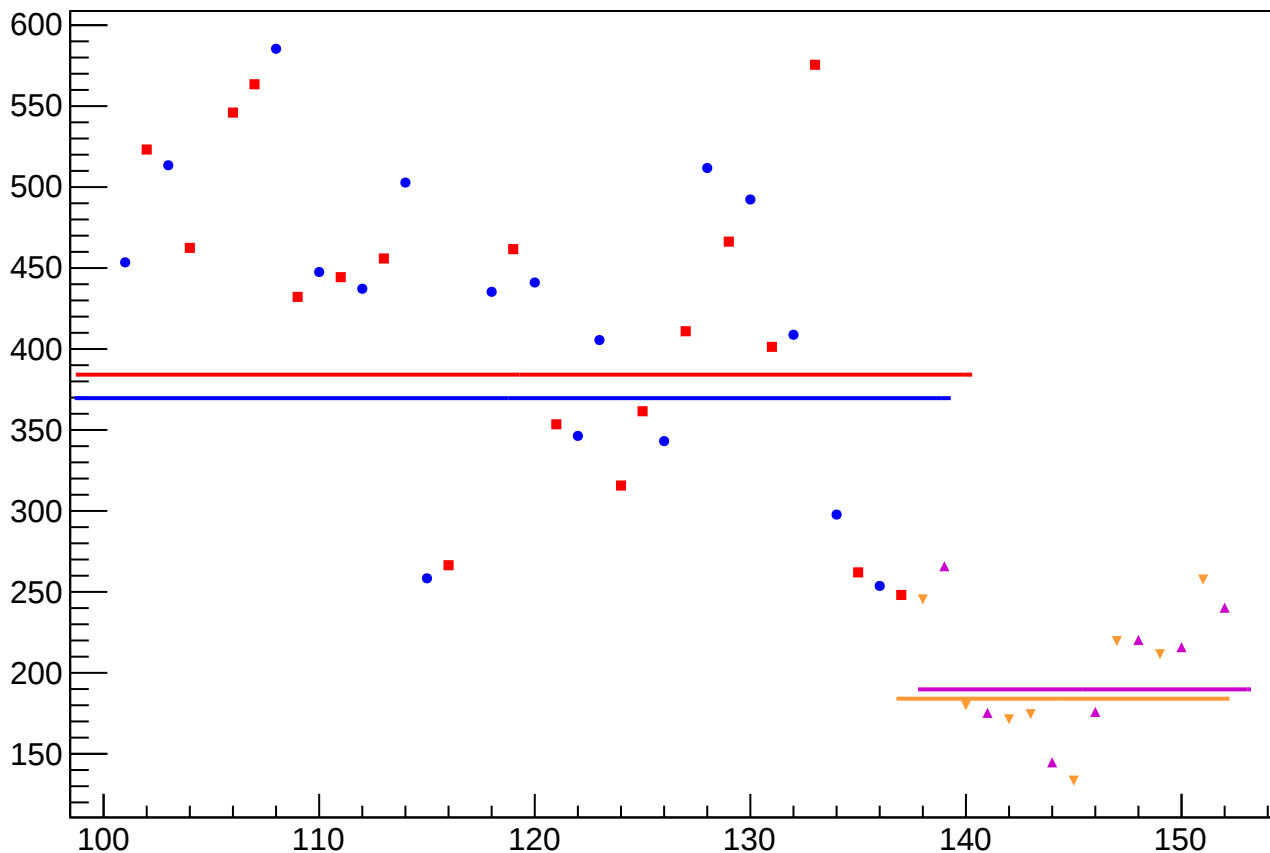
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 29.216 $\pm$ 70.773 χ^2 /NDF:30.6/23

Out: 158.683 $\pm$ 69.126 χ^2 /NDF:33.1/25

All: 95.473 $\pm$ 49.452 χ^2 /NDF: 65.5/49

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 184.067 $\pm$ 0.055 χ^2 /NDF: 515890.6/7

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 189.816 $\pm$ 0.057 χ^2 /NDF: 443497.2/6

Left: 186.847 $\pm$ 0.040 χ^2 /NDF: 964656.1/14

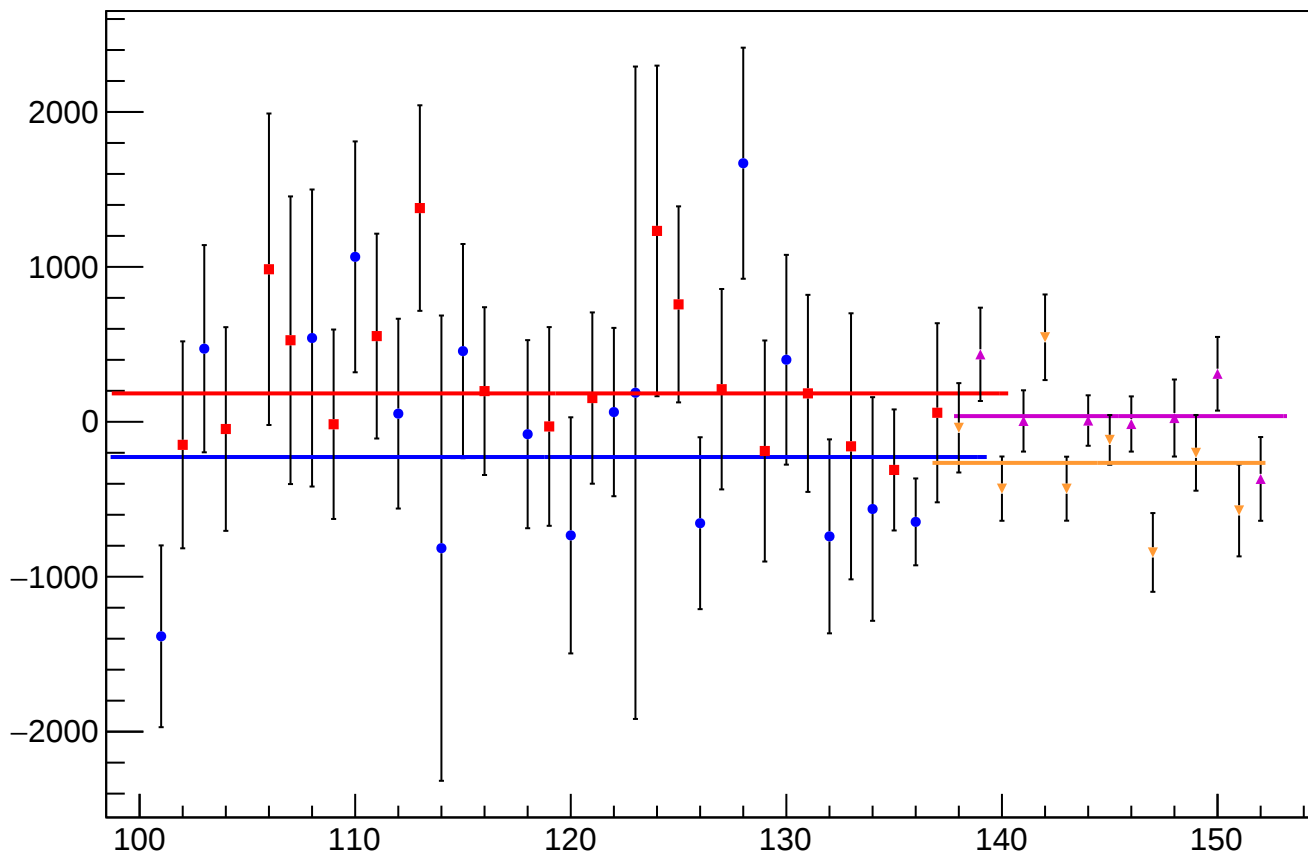
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 230.603 $\pm$ 0.050 χ^2 /NDF: 3610820.9/23

Out: 226.563 $\pm$ 0.049 χ^2 /NDF: 4194160.1/25

All: 228.535 $\pm$ 0.035 χ^2 /NDF: 7808317.6/49

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -265.136 ± 80.511 $\chi^2/\text{NDF}: 17.7/7$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 36.822 ± 80.762 $\chi^2/\text{NDF}: 5.5/6$

Left: -114.628 ± 57.018 $\chi^2/\text{NDF}: 30.2/14$

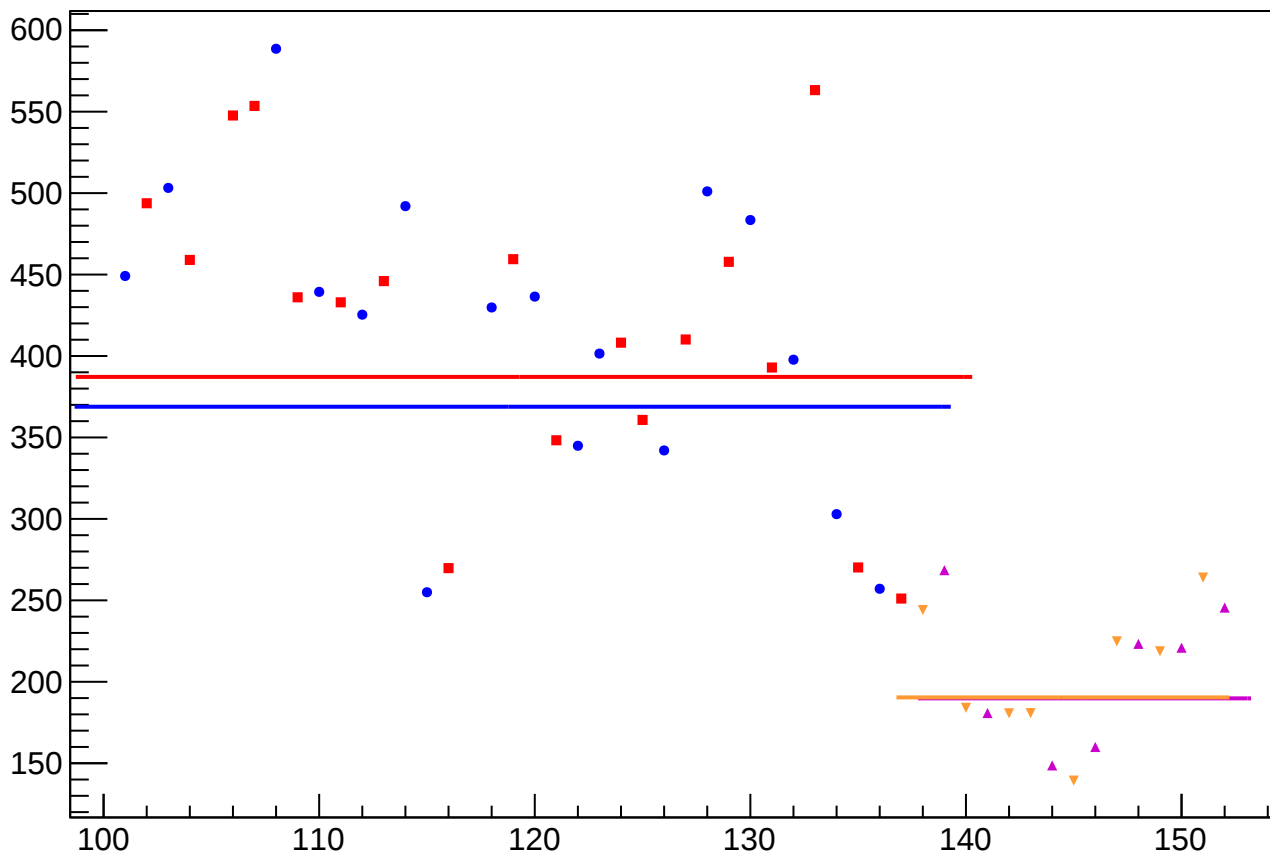
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -23.825 ± 70.885 $\chi^2/\text{NDF}: 29.7/23$

Out: -165.340 ± 70.989 $\chi^2/\text{NDF}: 33.4/25$

All: -94.479 ± 50.160 $\chi^2/\text{NDF}: 65.1/49$

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: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 189.827 $\pm$ 0.057 χ^2/NDF : 480025.0/6

Left: 190.120 $\pm$ 0.040 χ^2/NDF : 947489.4/14

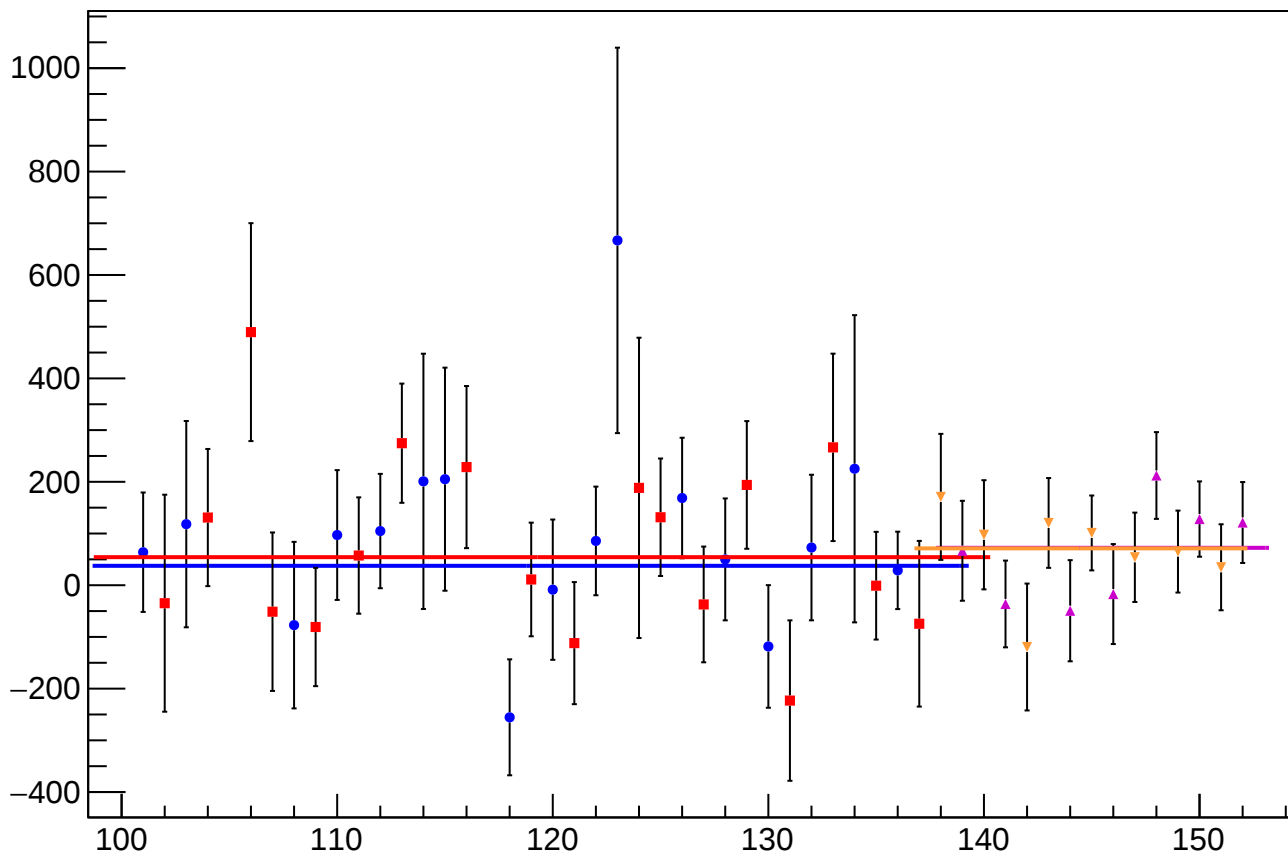
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 230.940 $\pm$ 0.050 χ^2/NDF : 3566803.4/23

Out: 234.195 $\pm$ 0.050 χ^2/NDF : 3883573.1/25

All: 232.565 $\pm$ 0.035 χ^2/NDF : 7452482.4/49

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 71.281+/-31.870 χ^2/NDF : 3.9/7

Right Out: 54.274+/-31.489 χ^2/NDF : 21.8/17

Left In: 72.347+/-32.368 χ^2/NDF : 7.8/6

Left: 71.806+/-22.710 χ^2/NDF : 11.7/14

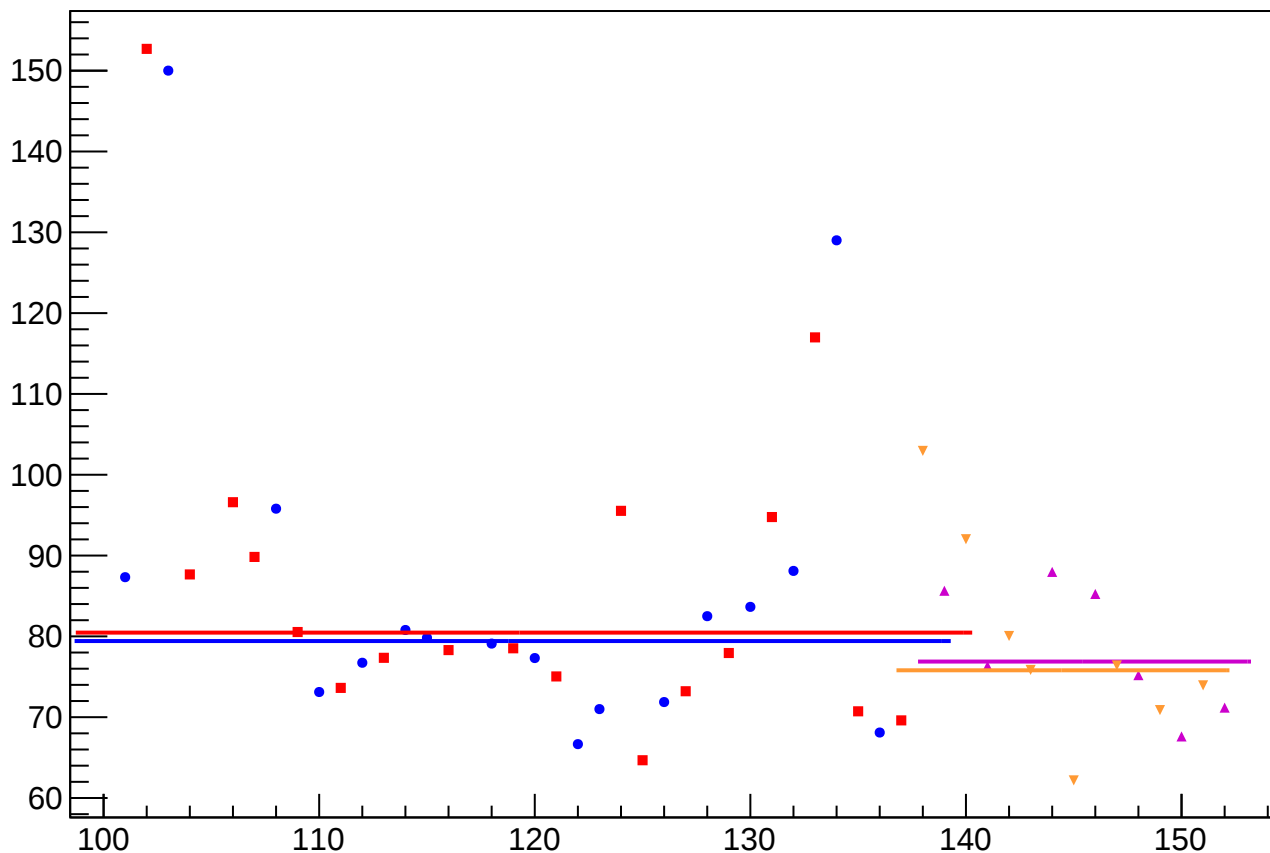
Right: 45.897+/-22.256 χ^2/NDF : 37.8/34

In: 54.446+/-22.560 χ^2/NDF : 24.3/23

Out: 62.675+/-22.400 χ^2/NDF : 25.8/25

All: 58.590+/-15.895 χ^2/NDF : 50.2/49

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: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 76.883 $\pm$ 0.023 χ^2 /NDF: 101007.9/6

Left: 76.335 $\pm$ 0.016 χ^2 /NDF: 330591.3/14

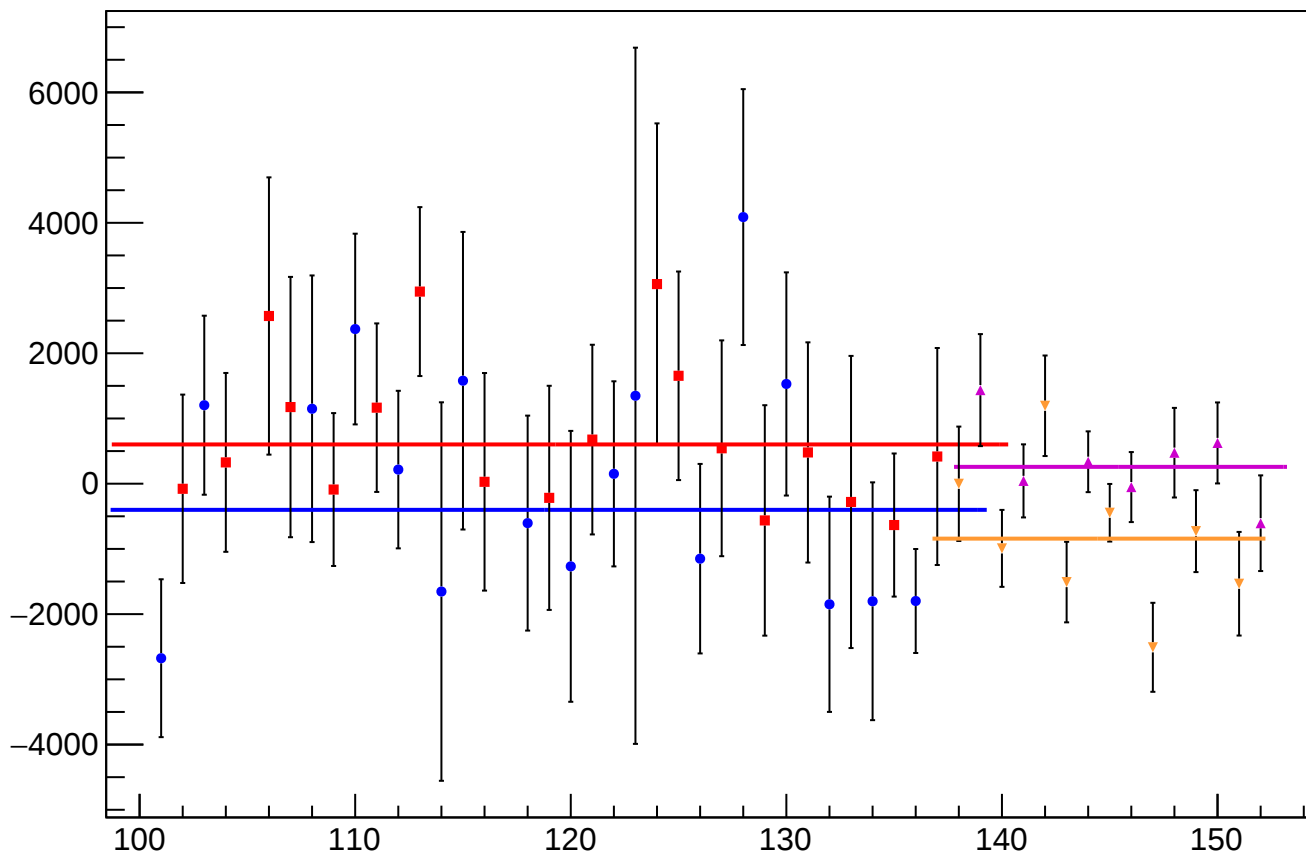
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 78.188 $\pm$ 0.016 χ^2 /NDF: 546378.4/23

Out: 78.162 $\pm$ 0.016 χ^2 /NDF: 704491.2/25

All: 78.175 $\pm$ 0.011 χ^2 /NDF: 1250871.0/49

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: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 258.128+/-228.315 χ^2/NDF : 4.2/6

Left: -301.921+/-159.999 χ^2/NDF : 32.7/14

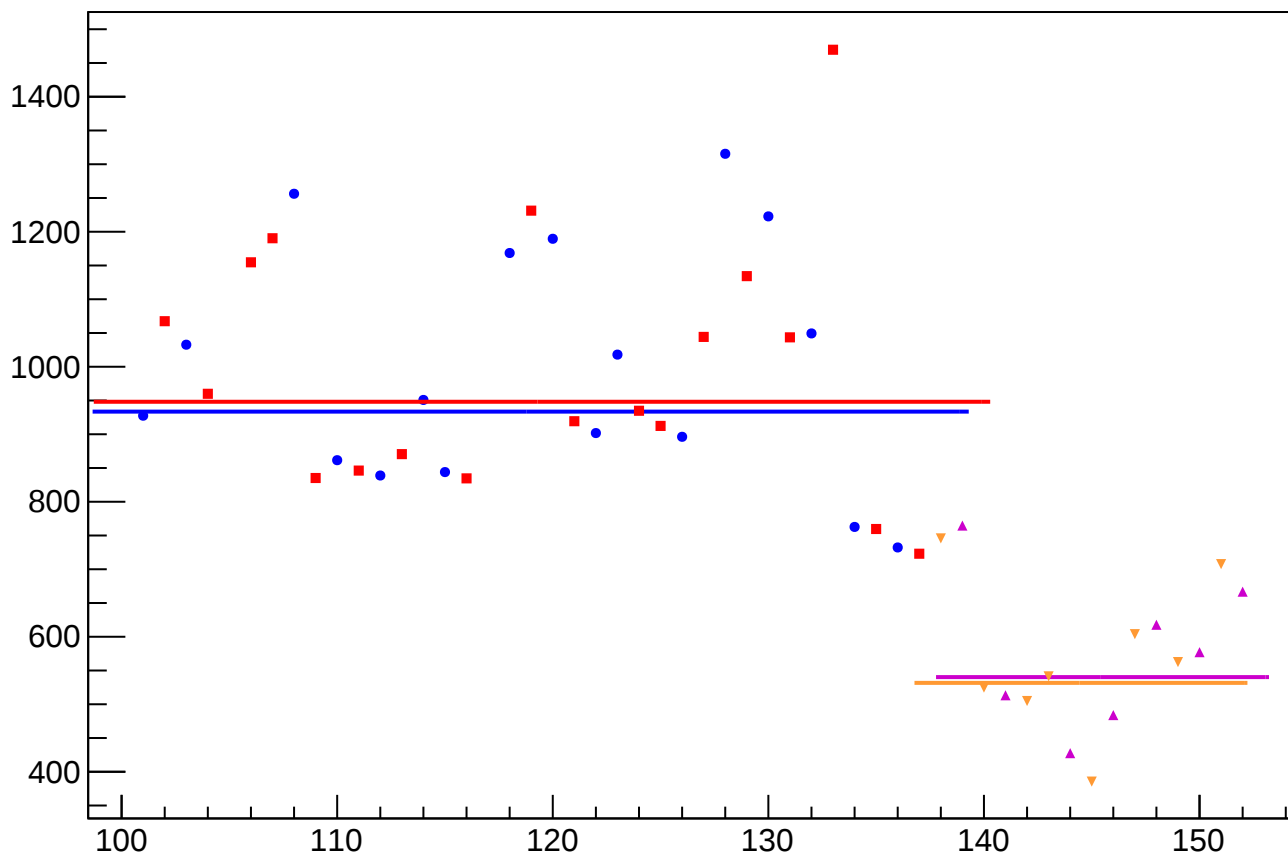
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 75.263+/-194.079 χ^2/NDF : 28.5/23

Out: -444.409+/-190.900 χ^2/NDF : 36.8/25

All: -188.864+/-136.097 χ^2/NDF : 68.9/49

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: 948.131 ± 0.257 χ^2/NDF : 405153.7/17

Left In: 540.232 ± 0.161 χ^2/NDF : 372165.2/6

Left: 535.883 ± 0.113 χ^2/NDF : 840686.6/14

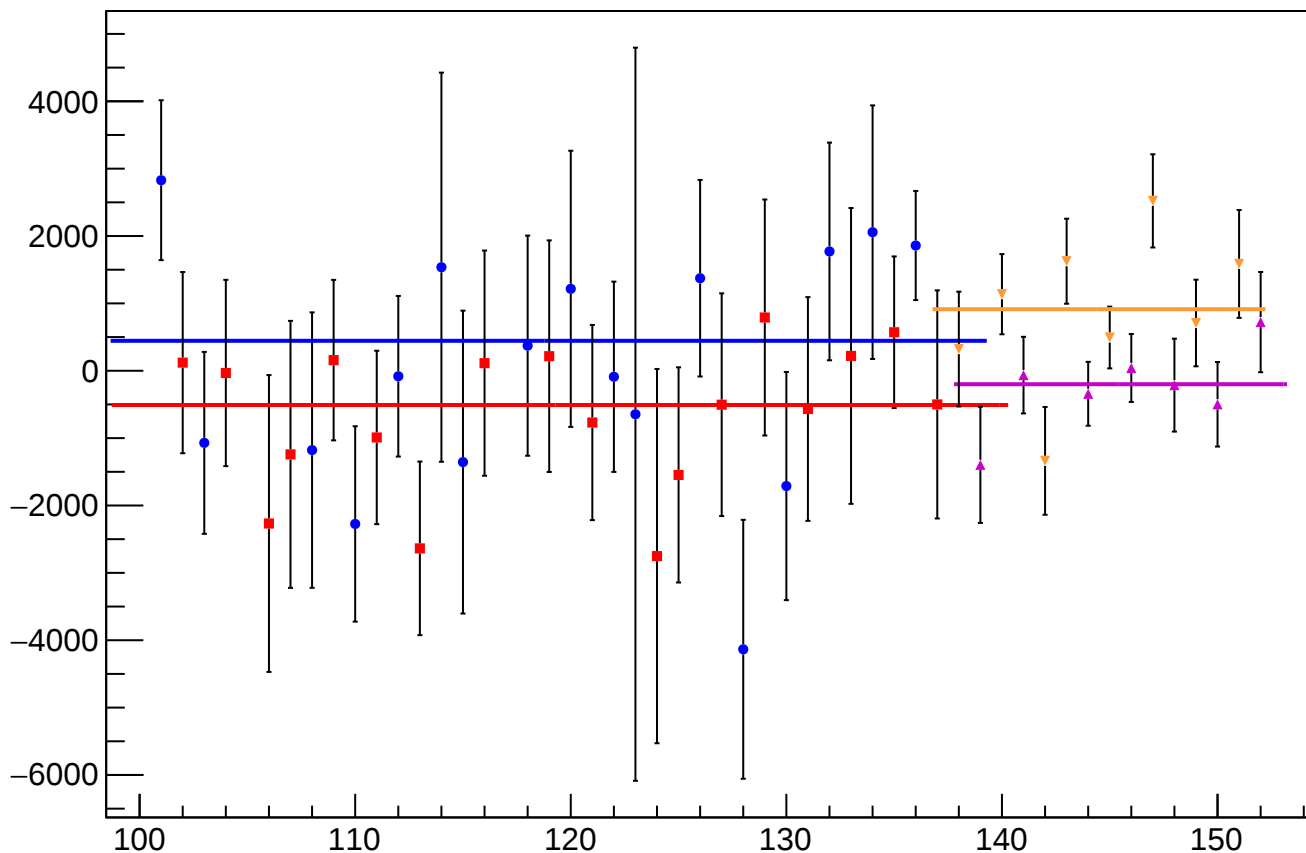
Right: 940.927 ± 0.183 χ^2/NDF : 849066.3/34

In: 649.339 ± 0.137 χ^2/NDF : 2460890.5/23

Out: 646.438 ± 0.135 χ^2/NDF : 2772209.8/25

All: 647.864 ± 0.096 χ^2/NDF : 5233327.3/49

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: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -199.713+/-227.775 χ^2/NDF : 4.1/6

Left: 354.549+/-161.421 χ^2/NDF : 32.8/14

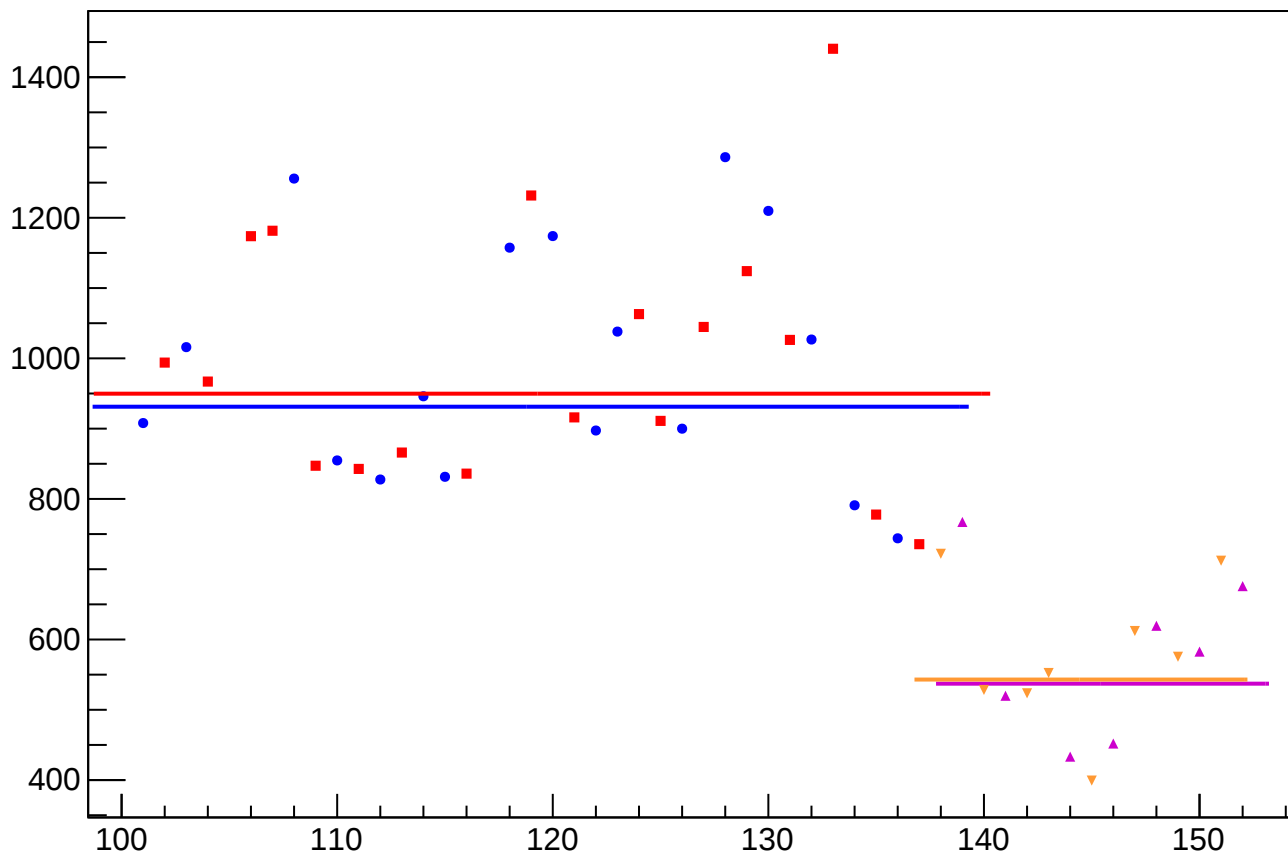
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -20.593+/-193.545 χ^2/NDF : 29.2/23

Out: 511.257+/-193.725 χ^2/NDF : 35.1/25

All: 245.085+/-136.921 χ^2/NDF : 68.1/49

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: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 537.157+/-0.161 χ^2/NDF : 406062.2/6

Left: 540.075+/-0.114 χ^2/NDF : 808490.0/14

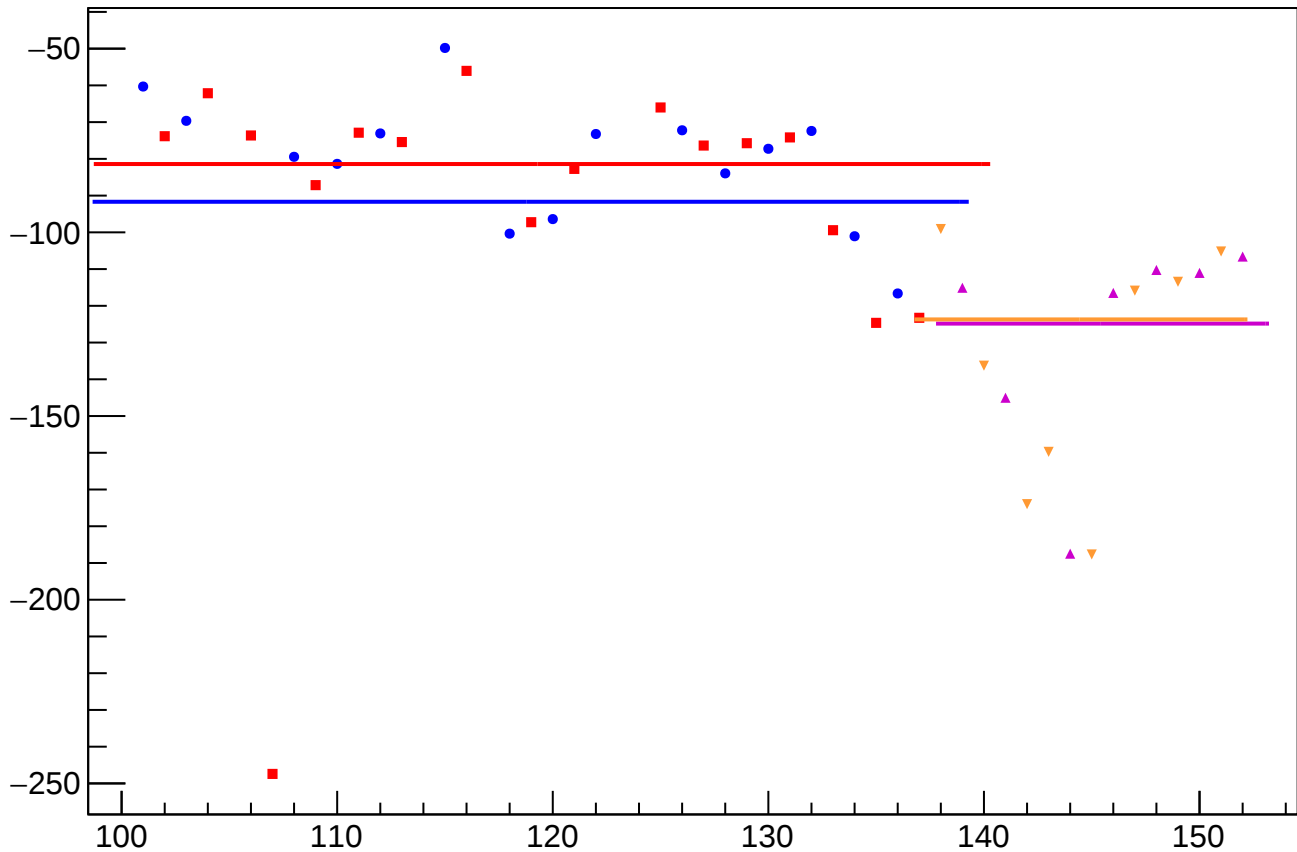
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 646.690+/-0.137 χ^2/NDF : 2470148.4/23

Out: 658.152+/-0.137 χ^2/NDF : 2556392.2/25

All: 652.415+/-0.097 χ^2/NDF : 5030044.2/49

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: -124.841 ± 0.099 $\chi^2/\text{NDF}: 40607.4/6$

Left: -124.479 ± 0.082 $\chi^2/\text{NDF}: 61784.2/14$

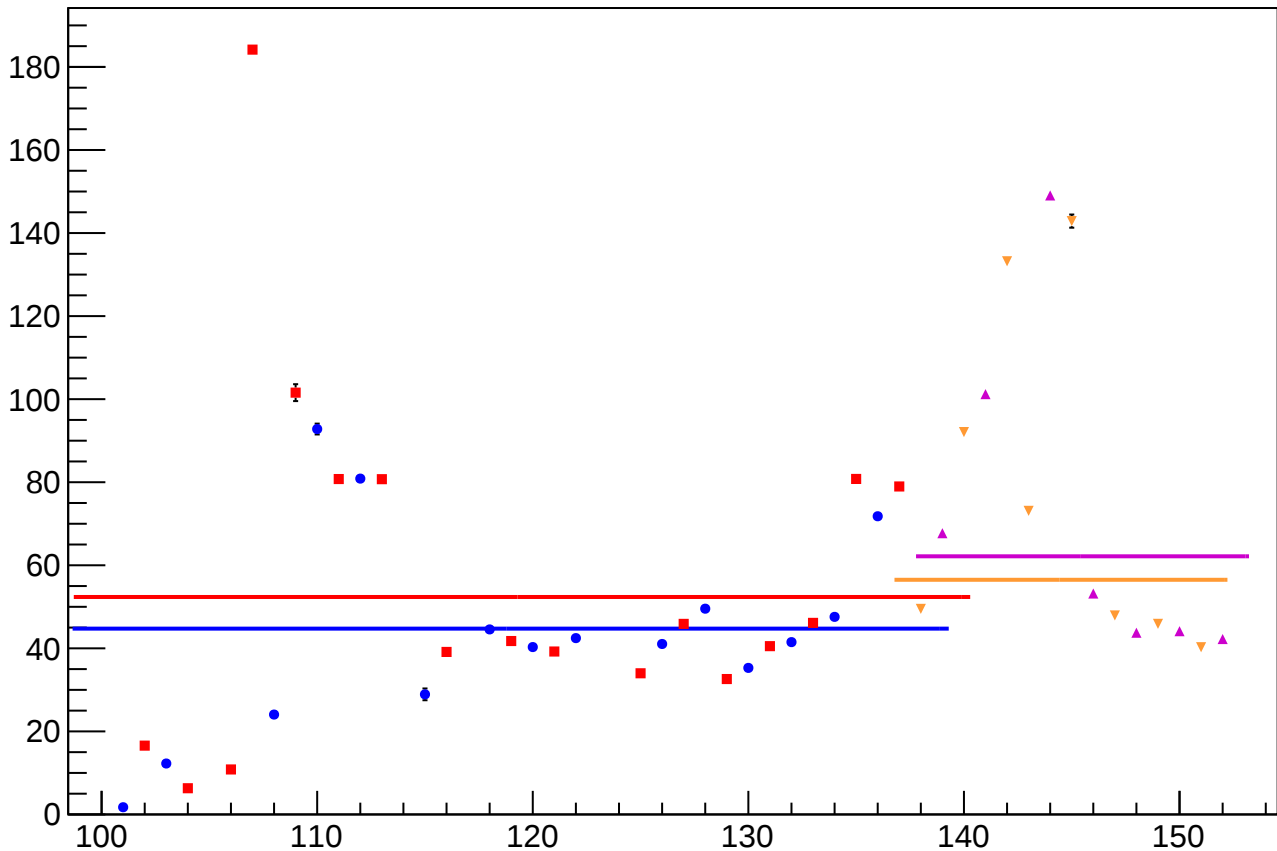
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -102.743 ± 0.057 $\chi^2/\text{NDF}: 179821.9/21$

Out: -94.729 ± 0.081 $\chi^2/\text{NDF}: 120965.4/24$

All: -100.095 ± 0.047 $\chi^2/\text{NDF}: 307261.9/46$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 56.507 $\pm$ 0.125 χ^2/NDF : 40536.2/7

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 62.161 $\pm$ 0.088 χ^2/NDF : 100757.9/6

Left: 60.291 $\pm$ 0.072 χ^2/NDF : 142665.8/14

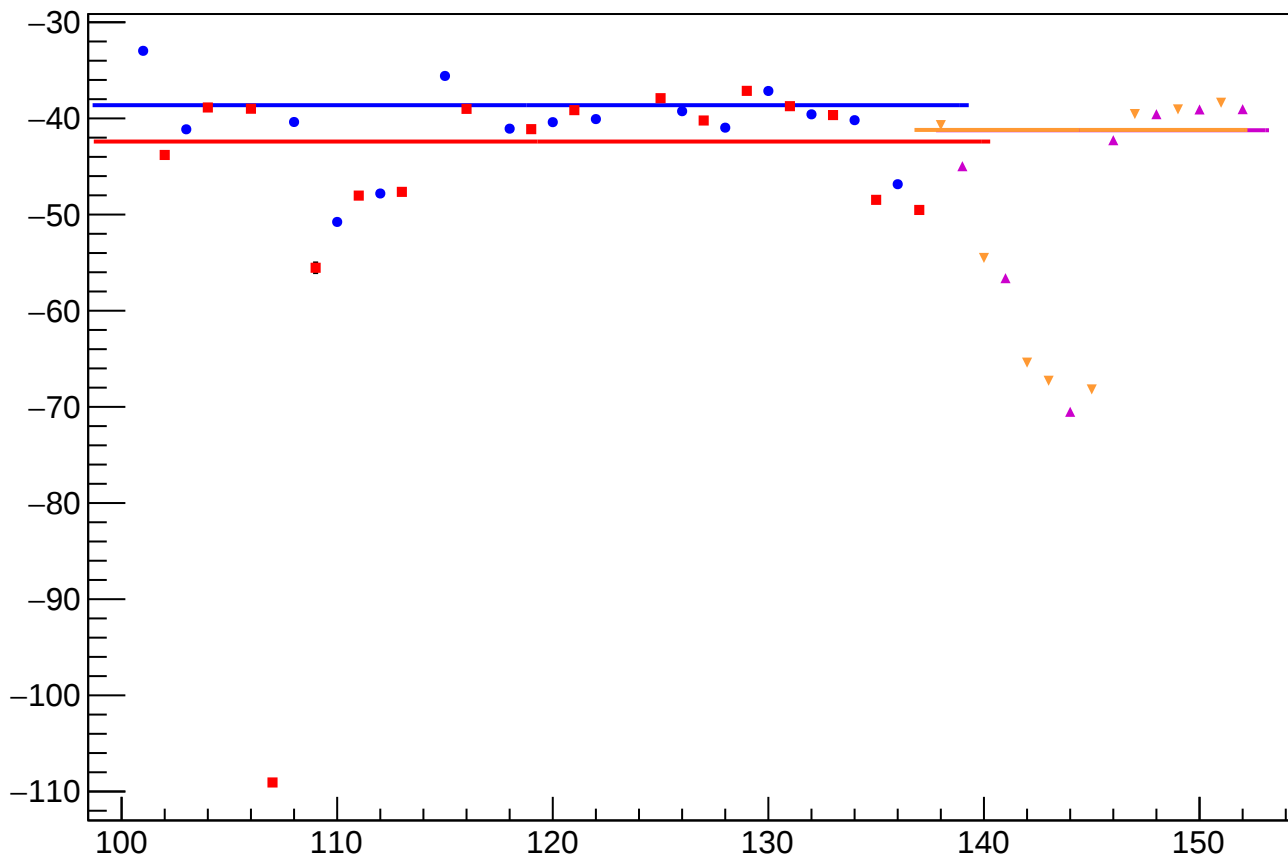
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.360 $\pm$ 0.050 χ^2/NDF : 212114.7/21

Out: 54.223 $\pm$ 0.084 χ^2/NDF : 110428.0/24

All: 51.374 $\pm$ 0.043 χ^2/NDF : 324116.8/46

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.199 ± 0.017 $\chi^2/\text{NDF}: 184880.3/7$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.231 ± 0.015 $\chi^2/\text{NDF}: 141170.2/6$

Left: -41.216 ± 0.011 $\chi^2/\text{NDF}: 326052.4/14$

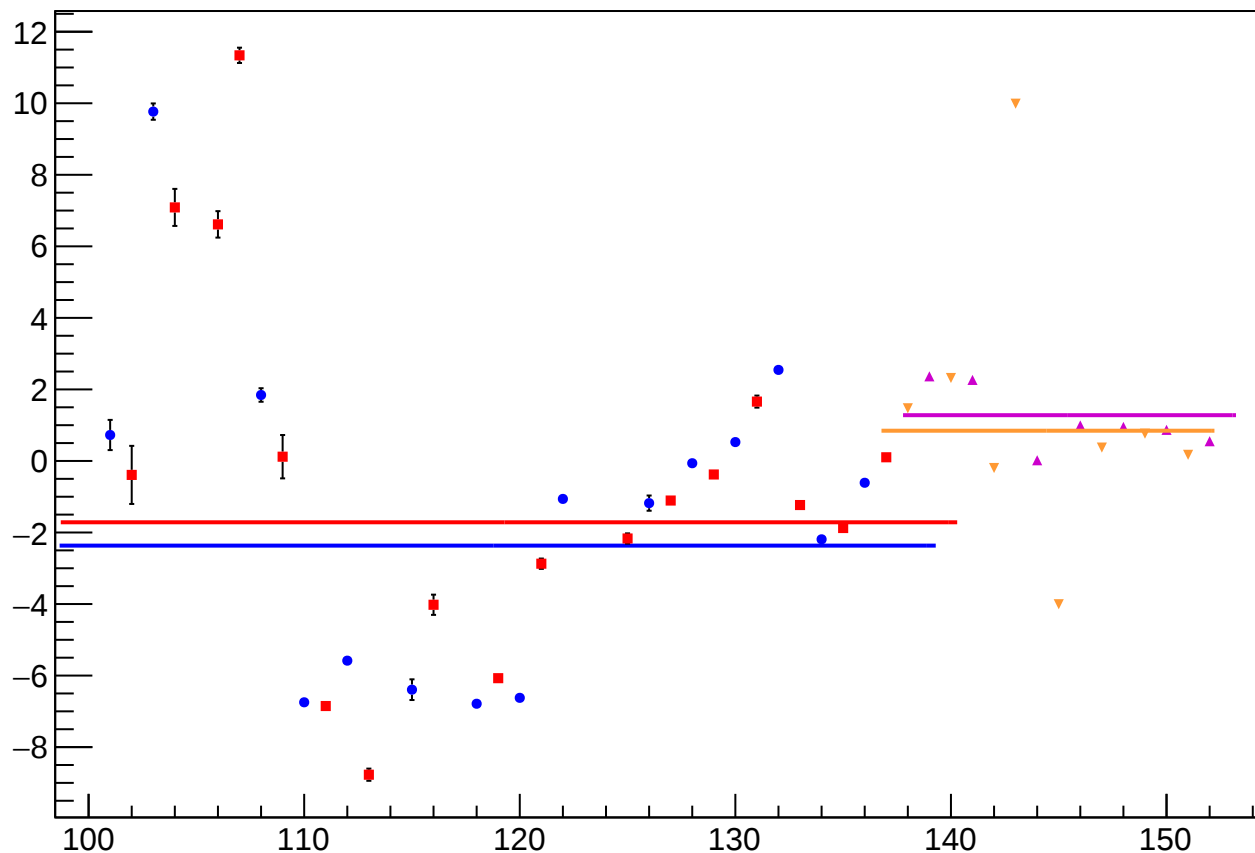
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.206 ± 0.007 $\chi^2/\text{NDF}: 403414.3/21$

Out: -41.661 ± 0.013 $\chi^2/\text{NDF}: 456004.9/24$

All: -39.782 ± 0.006 $\chi^2/\text{NDF}: 886022.8/46$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 0.845 ± 0.016 $\chi^2/\text{NDF}: 10270.7/7$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.280 ± 0.012 $\chi^2/\text{NDF}: 3202.3/6$

Left: 1.132 ± 0.010 $\chi^2/\text{NDF}: 13933.1/14$

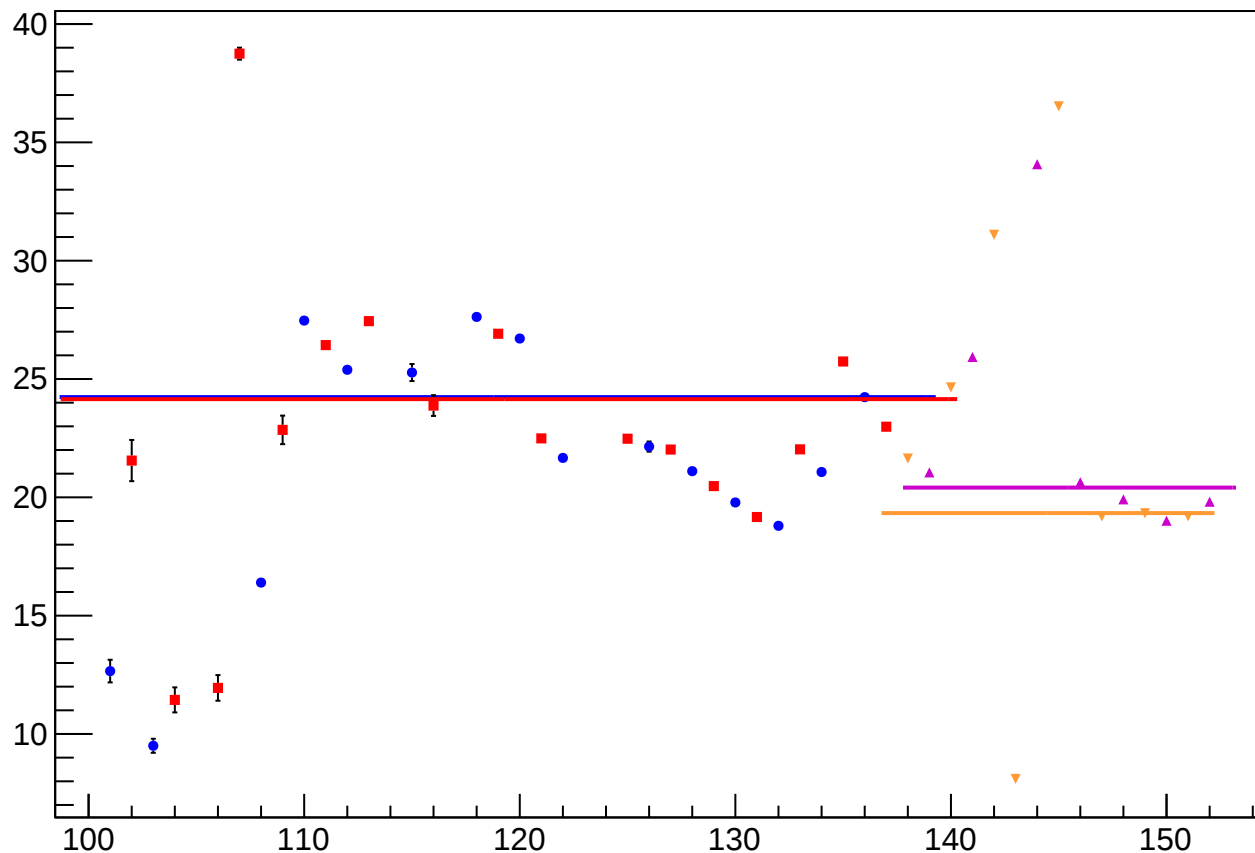
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.224 ± 0.009 $\chi^2/\text{NDF}: 71438.6/21$

Out: 0.152 ± 0.014 $\chi^2/\text{NDF}: 29549.1/24$

All: -0.114 ± 0.008 $\chi^2/\text{NDF}: 101494.7/46$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 19.334+/-0.019 χ^2/NDF : 38032.8/7

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 20.411+/-0.015 χ^2/NDF : 32695.8/6

Left: 19.996+/-0.012 χ^2/NDF : 72799.0/14

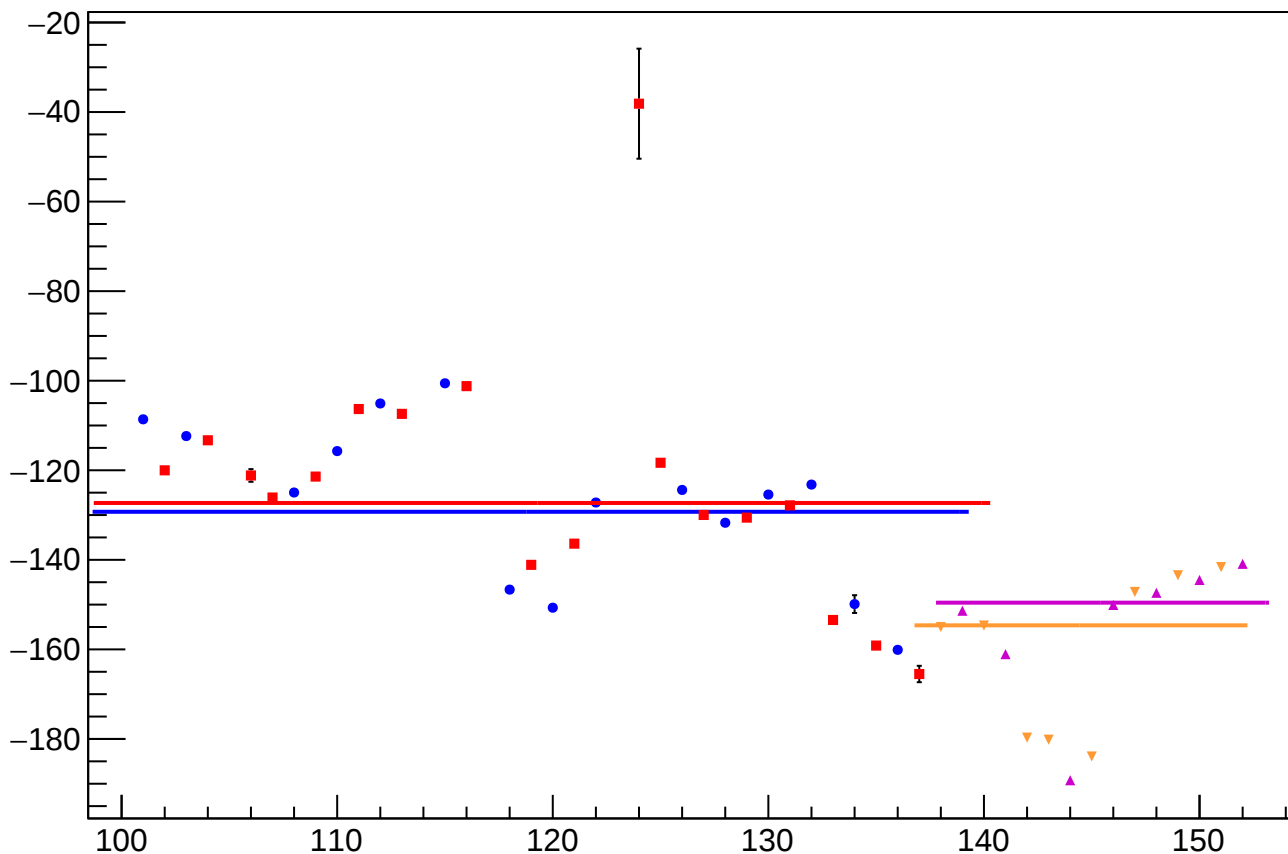
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 21.589+/-0.012 χ^2/NDF : 75452.1/21

Out: 21.101+/-0.015 χ^2/NDF : 75974.1/24

All: 21.391+/-0.009 χ^2/NDF : 152074.4/46

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -154.627 $\pm$ 0.094 χ^2 /NDF:22350.4/7

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -149.565 $\pm$ 0.074 χ^2 /NDF:19976.2/6

Left: -151.505 $\pm$ 0.058 χ^2 /NDF: 44105.2/14

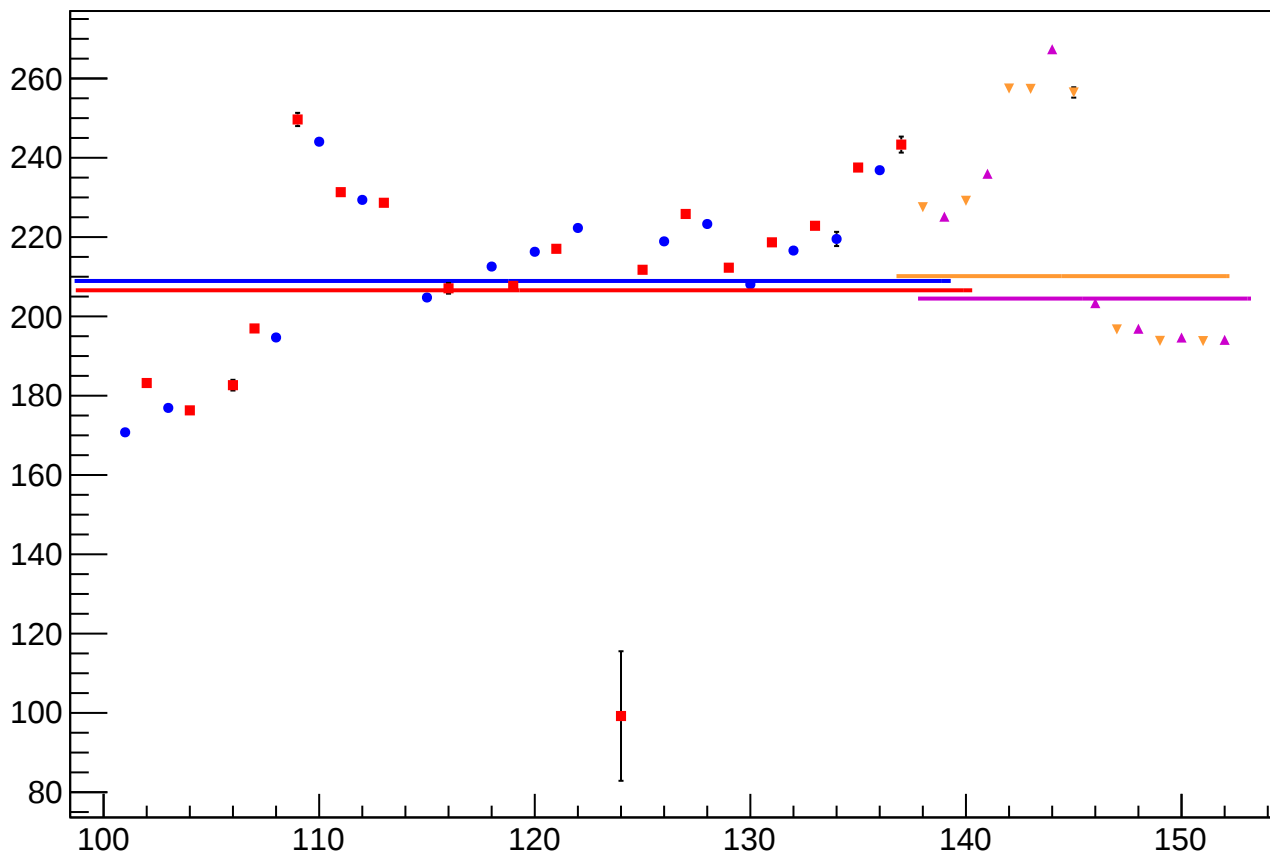
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -141.096 $\pm$ 0.057 χ^2 /NDF:86228.3/21

Out: -139.450 $\pm$ 0.063 χ^2 /NDF:98632.1/25

All: -140.357 $\pm$ 0.042 χ^2 /NDF: 185238.5/47

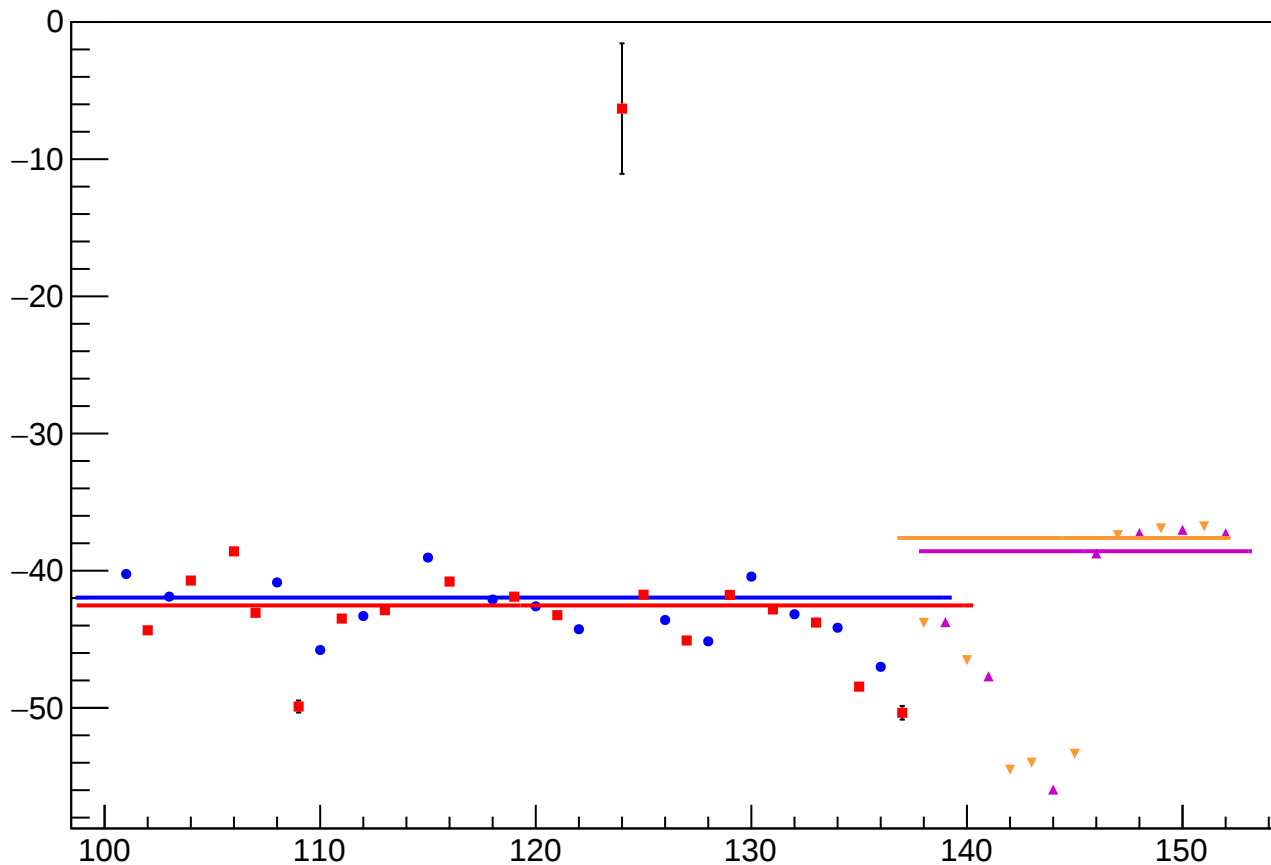
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14
 Left Out: 210.153 $\pm$ 0.080 χ^2/NDF :87194.4/7
 Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17
 Left In: 204.493 $\pm$ 0.066 χ^2/NDF :70171.0/6

Left: 206.787 $\pm$ 0.051 χ^2/NDF : 160345.7/14
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 206.064 $\pm$ 0.053 χ^2/NDF :116457.5/21
 Out: 208.438 $\pm$ 0.058 χ^2/NDF :136363.5/25
 All: 207.153 $\pm$ 0.039 χ^2/NDF : 253738.8/47

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.614 ± 0.006 $\chi^2/\text{NDF}: 213114.2/7$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.580 ± 0.009 $\chi^2/\text{NDF}: 120860.0/6$

Left: -37.909 ± 0.005 $\chi^2/\text{NDF}: 341489.8/14$

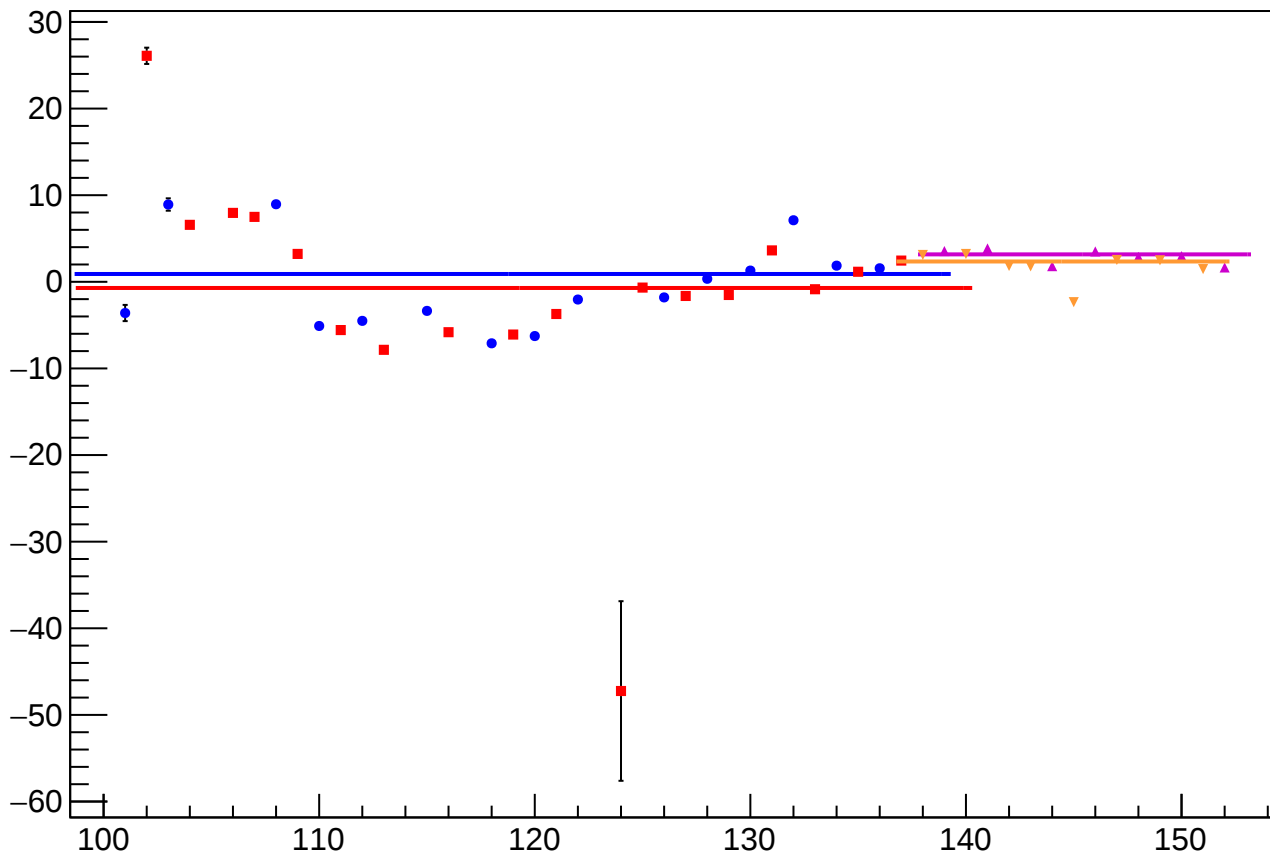
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -39.463 ± 0.008 $\chi^2/\text{NDF}: 179732.8/21$

Out: -38.016 ± 0.006 $\chi^2/\text{NDF}: 271319.7/25$

All: -38.528 ± 0.005 $\chi^2/\text{NDF}: 472297.3/47$

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: 3.168 ± 0.013 $\chi^2/\text{NDF}: 1984.2/6$

Left: 2.792 ± 0.010 $\chi^2/\text{NDF}: 9133.8/14$

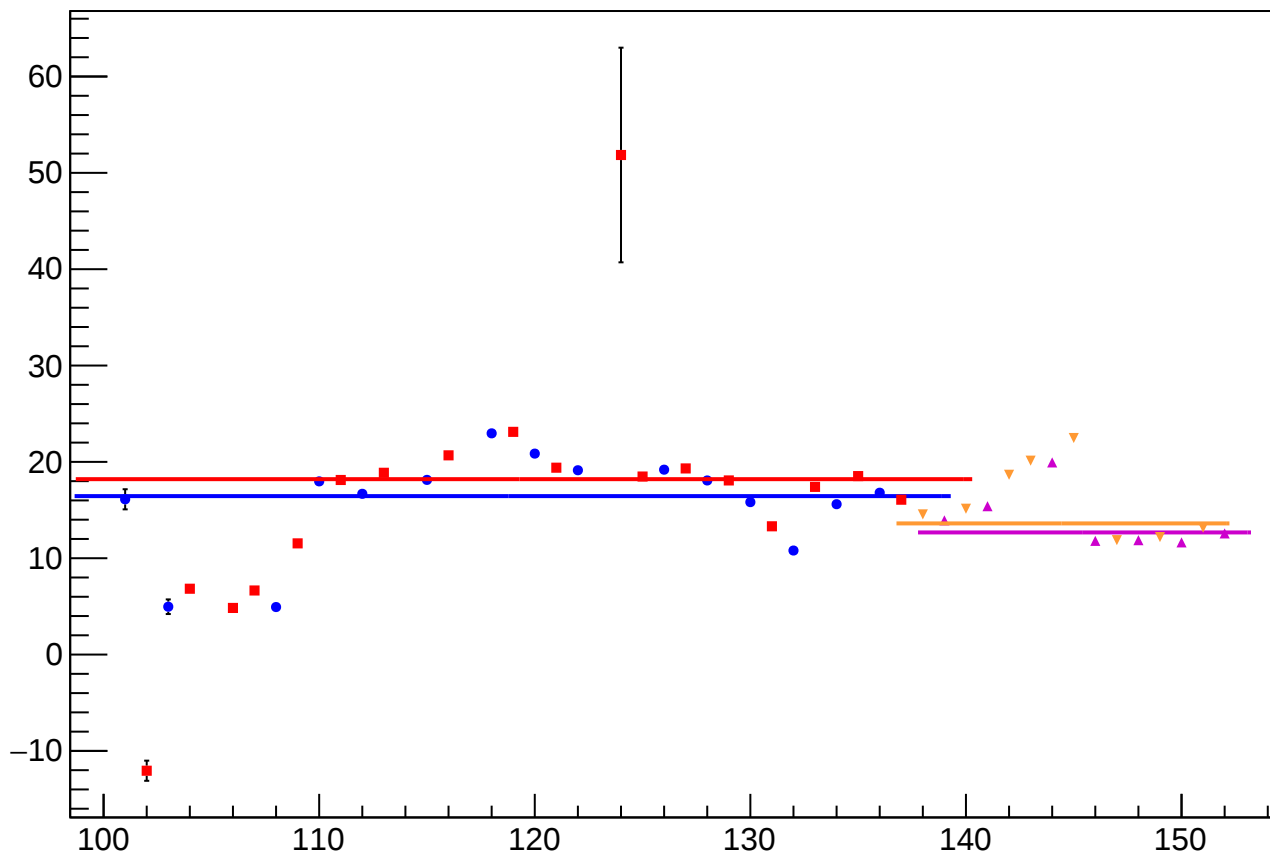
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.478 ± 0.011 $\chi^2/\text{NDF}: 31999.3/21$

Out: 1.549 ± 0.012 $\chi^2/\text{NDF}: 47821.5/25$

All: 2.066 ± 0.008 $\chi^2/\text{NDF}: 82940.4/47$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 13.614 ± 0.014 $\chi^2/\text{NDF}: 37806.2/7$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 12.677 ± 0.015 $\chi^2/\text{NDF}: 13855.3/6$

Left: 13.168 ± 0.010 $\chi^2/\text{NDF}: 53843.7/14$

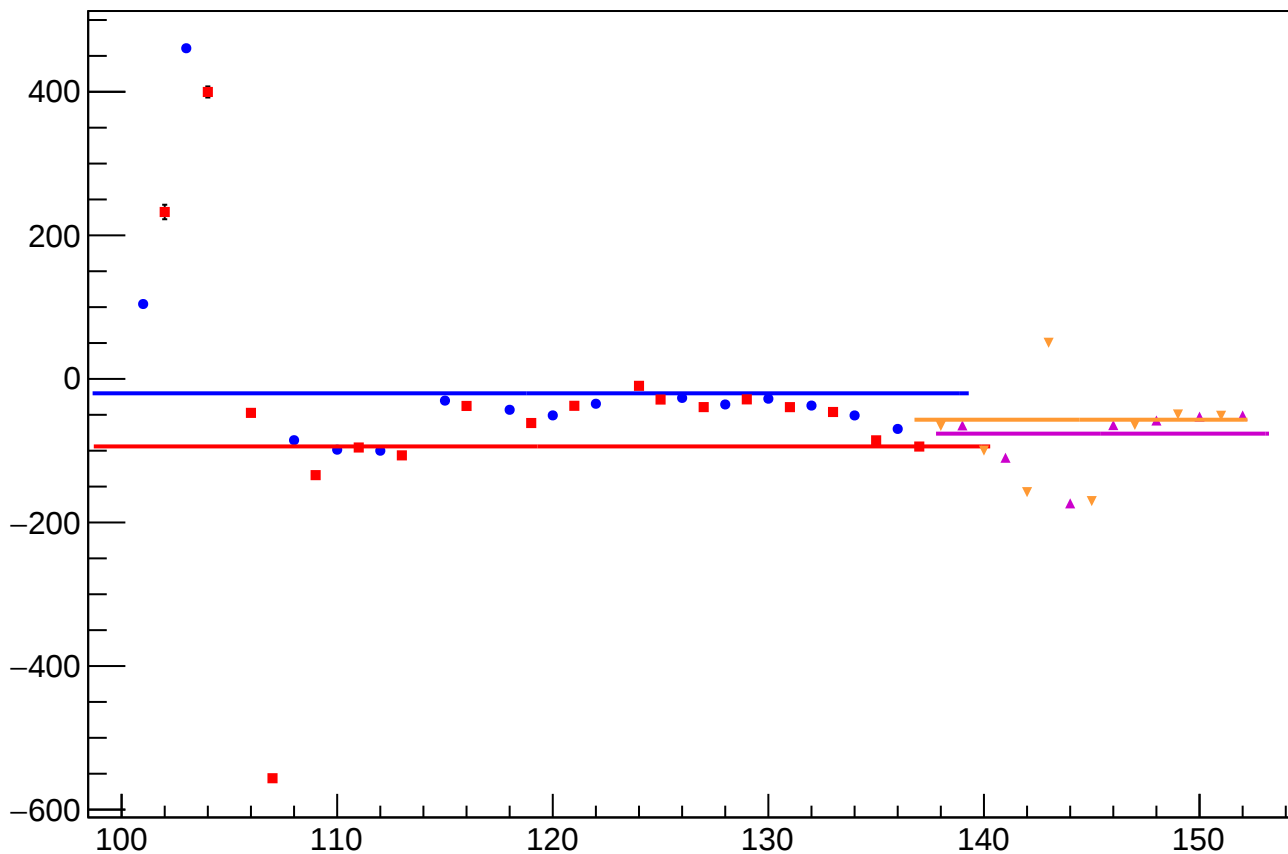
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 13.662 ± 0.012 $\chi^2/\text{NDF}: 45666.1/21$

Out: 15.057 ± 0.011 $\chi^2/\text{NDF}: 99954.5/25$

All: 14.419 ± 0.008 $\chi^2/\text{NDF}: 152407.2/47$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -56.835 ± 0.185 $\chi^2/\text{NDF}: 43645.6/7$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -76.244 ± 0.201 $\chi^2/\text{NDF}: 33804.2/6$

Left: -65.750 ± 0.136 $\chi^2/\text{NDF}: 82495.2/14$

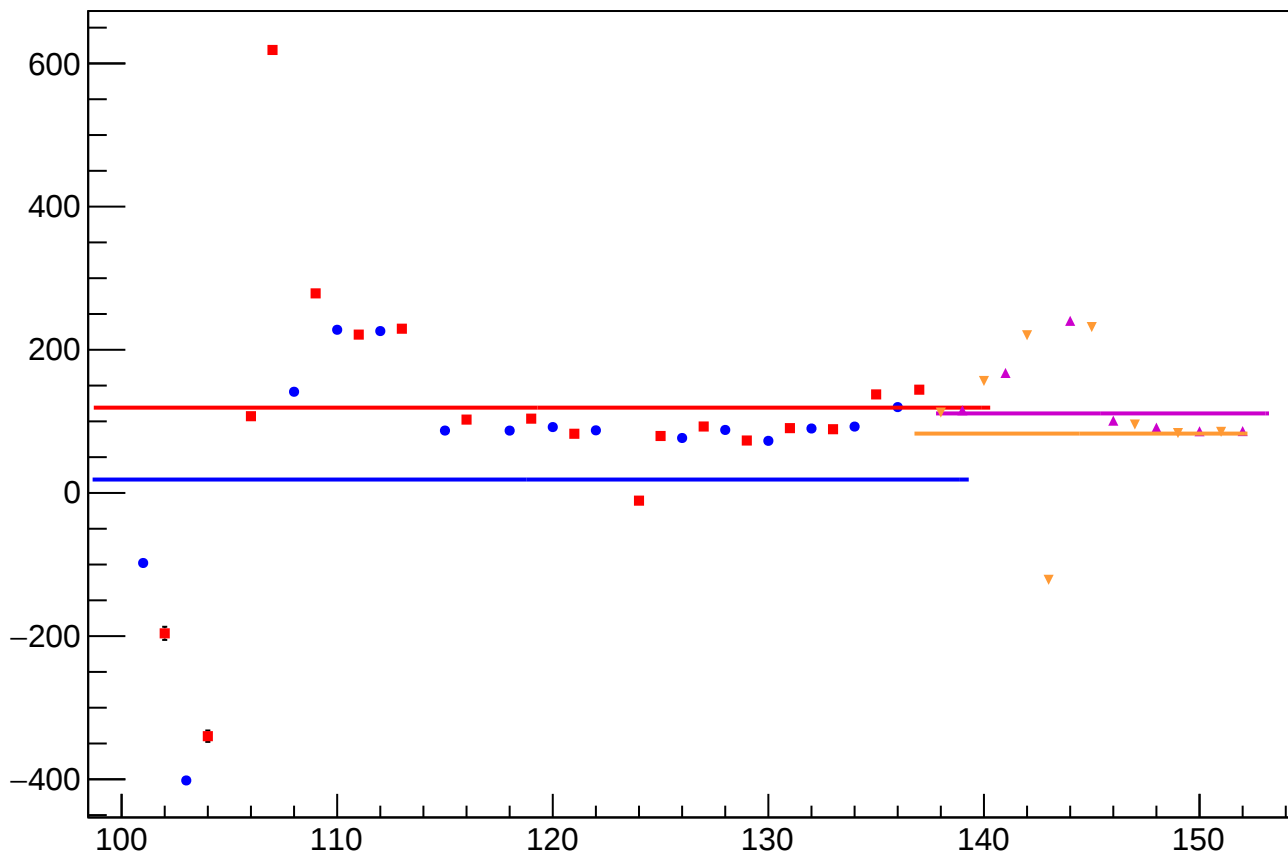
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -40.706 ± 0.122 $\chi^2/\text{NDF}: 524727.2/21$

Out: -93.883 ± 0.012 $\chi^2/\text{NDF}: 171336.7/25$

All: -93.337 ± 0.012 $\chi^2/\text{NDF}: 884723.5/47$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 82.925+/-0.167 χ^2/NDF : 161526.5/7

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 111.090+/-0.179 χ^2/NDF : 54051.3/6

Left: 96.083+/-0.122 χ^2/NDF : 228801.6/14

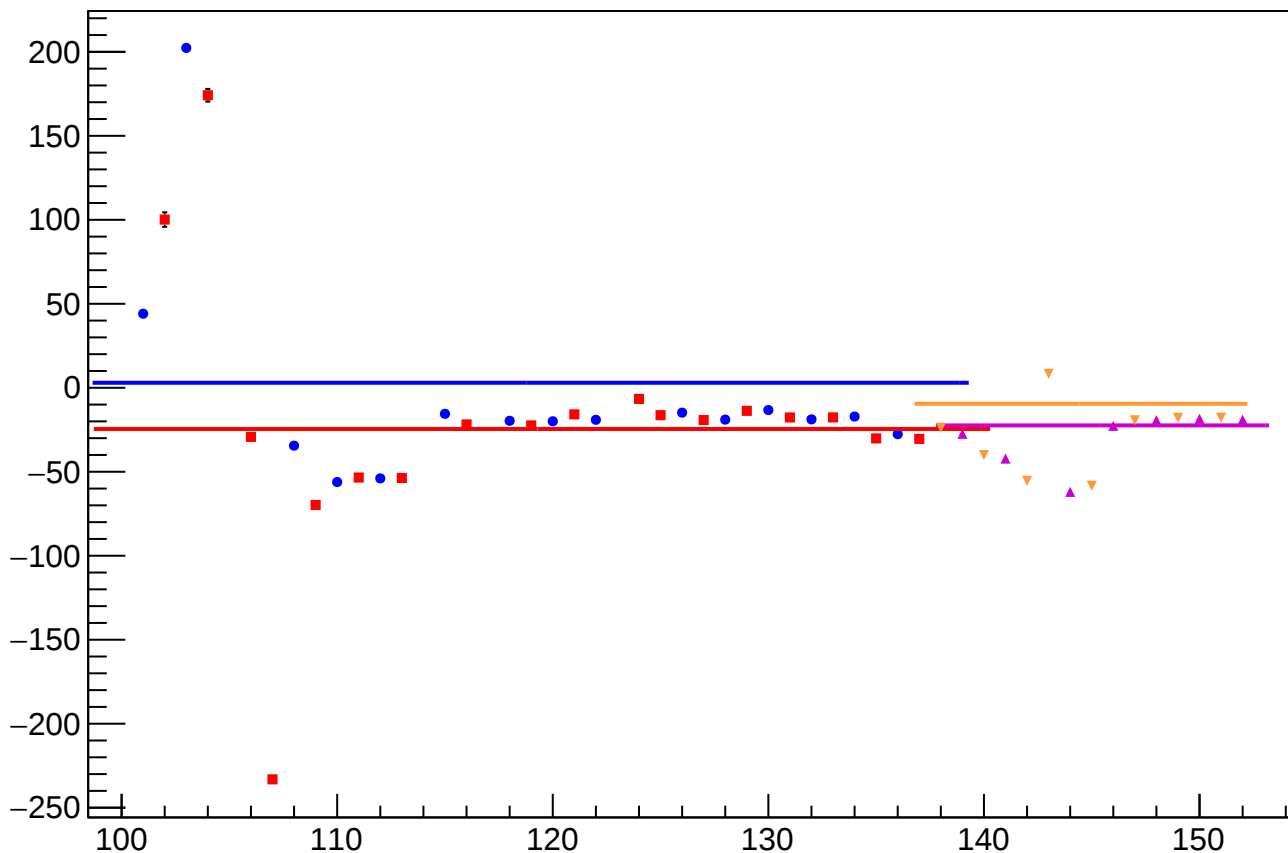
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 57.504+/-0.116 χ^2/NDF : 1310694.4/21

Out: 97.922+/-0.128 χ^2/NDF : 268370.5/25

All: 75.675+/-0.086 χ^2/NDF : 1633799.2/47

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -9.526 ± 0.023 χ^2/NDF : 400956.5/7

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -22.398 ± 0.026 χ^2/NDF : 116208.4/6

Left: -15.368 ± 0.017 χ^2/NDF : 653920.0/14

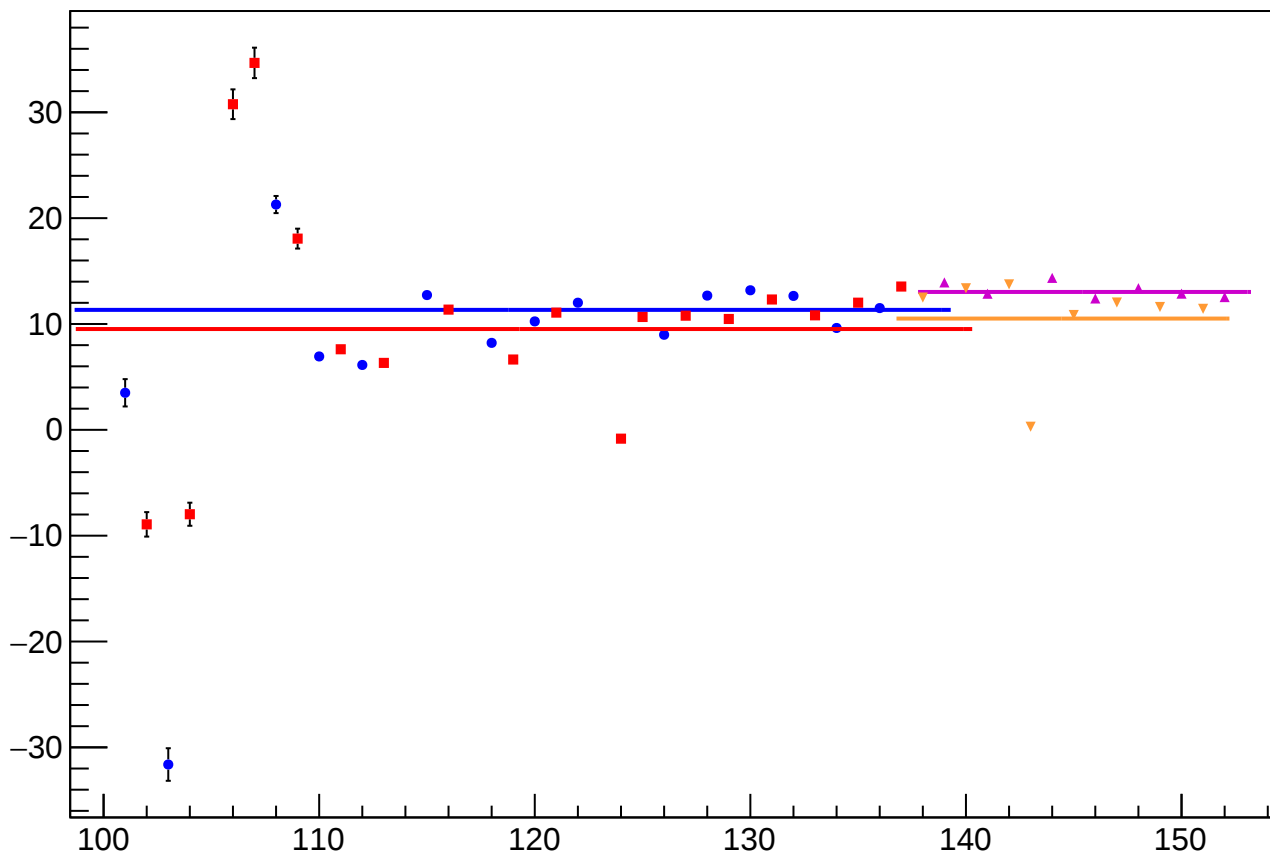
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -10.264 ± 0.019 χ^2/NDF : 4078524.0/21

Out: -12.890 ± 0.021 χ^2/NDF : 669245.1/25

All: -11.439 ± 0.014 χ^2/NDF : 4756699.6/47

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 10.513 $\pm$ 0.028 χ^2 /NDF:24902.3/7

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.027 $\pm$ 0.023 χ^2 /NDF:499.1/6

Left: 11.997 $\pm$ 0.018 χ^2 /NDF: 30270.5/14

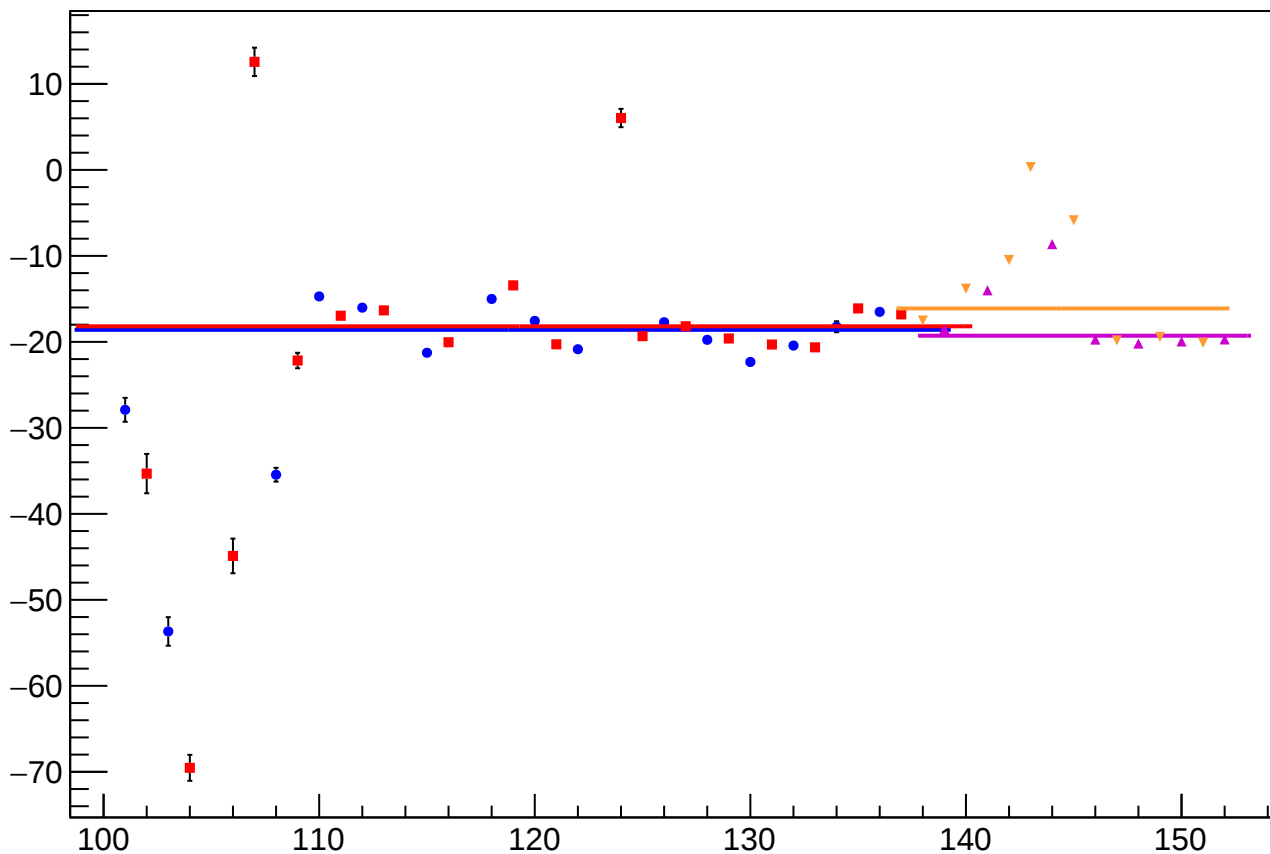
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.560 $\pm$ 0.020 χ^2 /NDF:4391.3/21

Out: 10.266 $\pm$ 0.024 χ^2 /NDF:29287.5/25

All: 11.640 $\pm$ 0.015 χ^2 /NDF: 39158.0/47

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -16.112 ± 0.031 $\chi^2/\text{NDF}: 40195.7/7$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.282 ± 0.026 $\chi^2/\text{NDF}: 6085.1/6$

Left: -17.934 ± 0.020 $\chi^2/\text{NDF}: 52396.3/14$

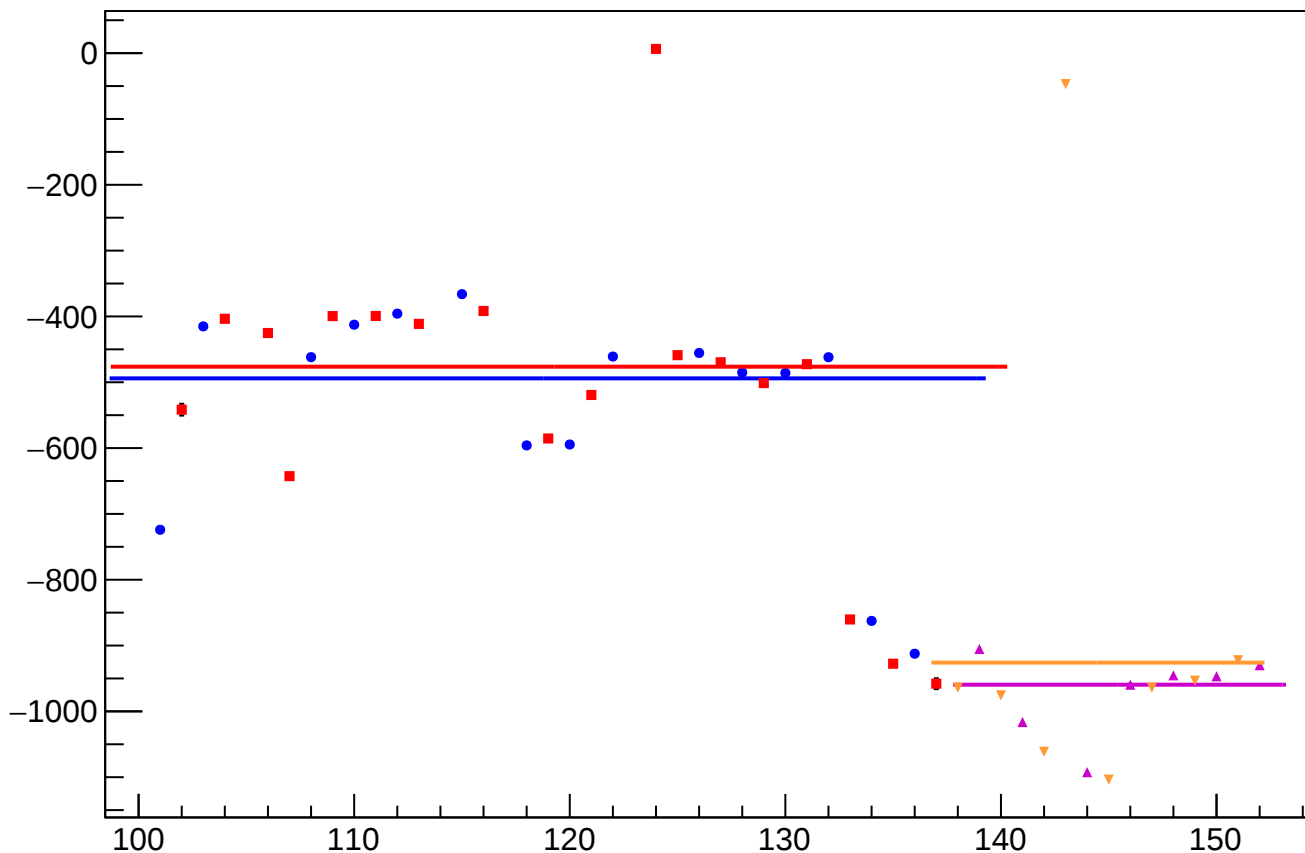
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.052 ± 0.022 $\chi^2/\text{NDF}: 12499.7/21$

Out: -16.691 ± 0.026 $\chi^2/\text{NDF}: 46349.3/25$

All: -18.095 ± 0.017 $\chi^2/\text{NDF}: 63717.1/47$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -925.902 ± 0.347 $\chi^2/\text{NDF}: 295362.5/7$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -959.471 ± 0.338 $\chi^2/\text{NDF}: 16897.5/6$

Left: -943.144 ± 0.242 $\chi^2/\text{NDF}: 317058.9/14$

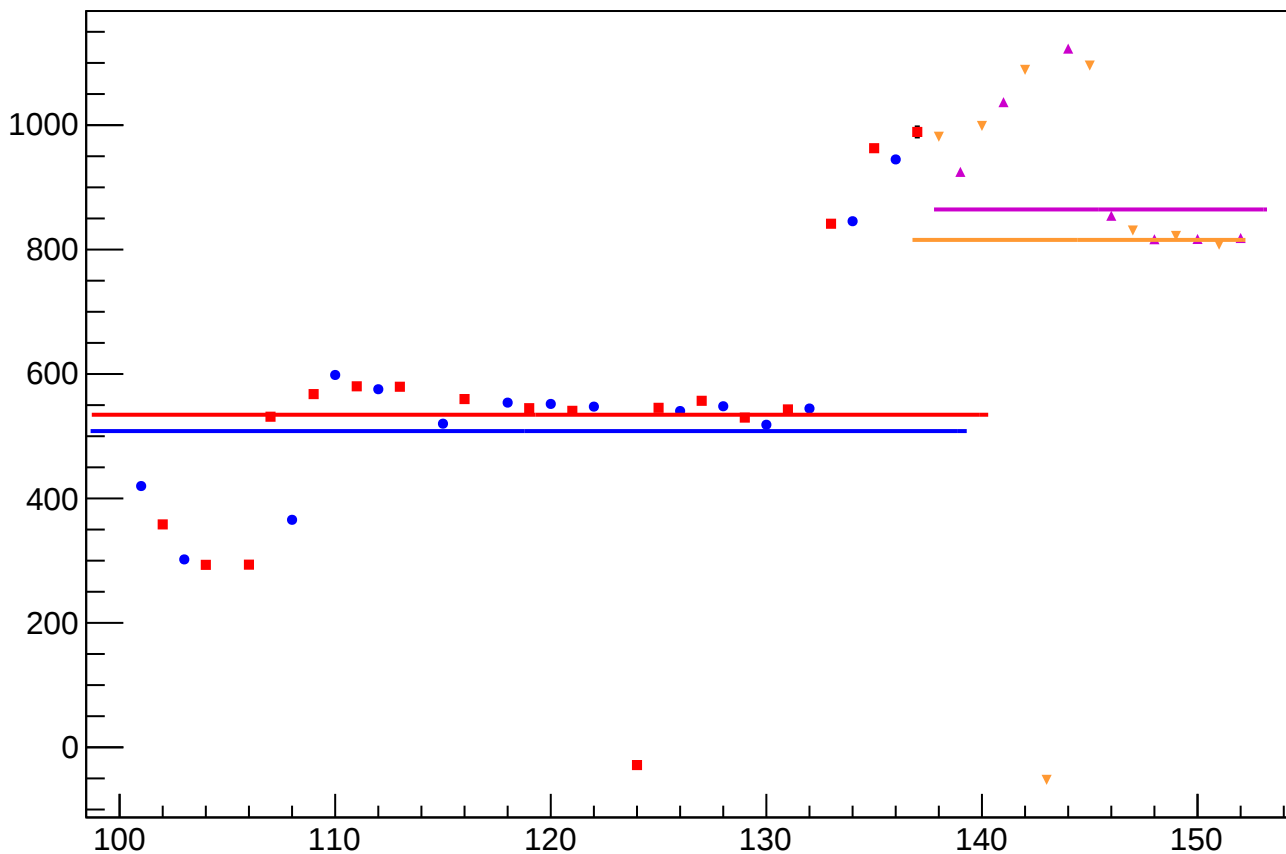
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -643.242 ± 0.191 $\chi^2/\text{NDF}: 1631524.0/21$

Out: -575.825 ± 0.163 $\chi^2/\text{NDF}: 2194331.0/25$

All: -604.253 ± 0.124 $\chi^2/\text{NDF}: 3897663.7/47$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 815.546 $\pm$ 0.279 χ^2 /NDF: 401990.5/7

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 864.473 $\pm$ 0.299 χ^2 /NDF: 84089.4/6

Left: 838.306 $\pm$ 0.204 χ^2 /NDF: 500404.4/14

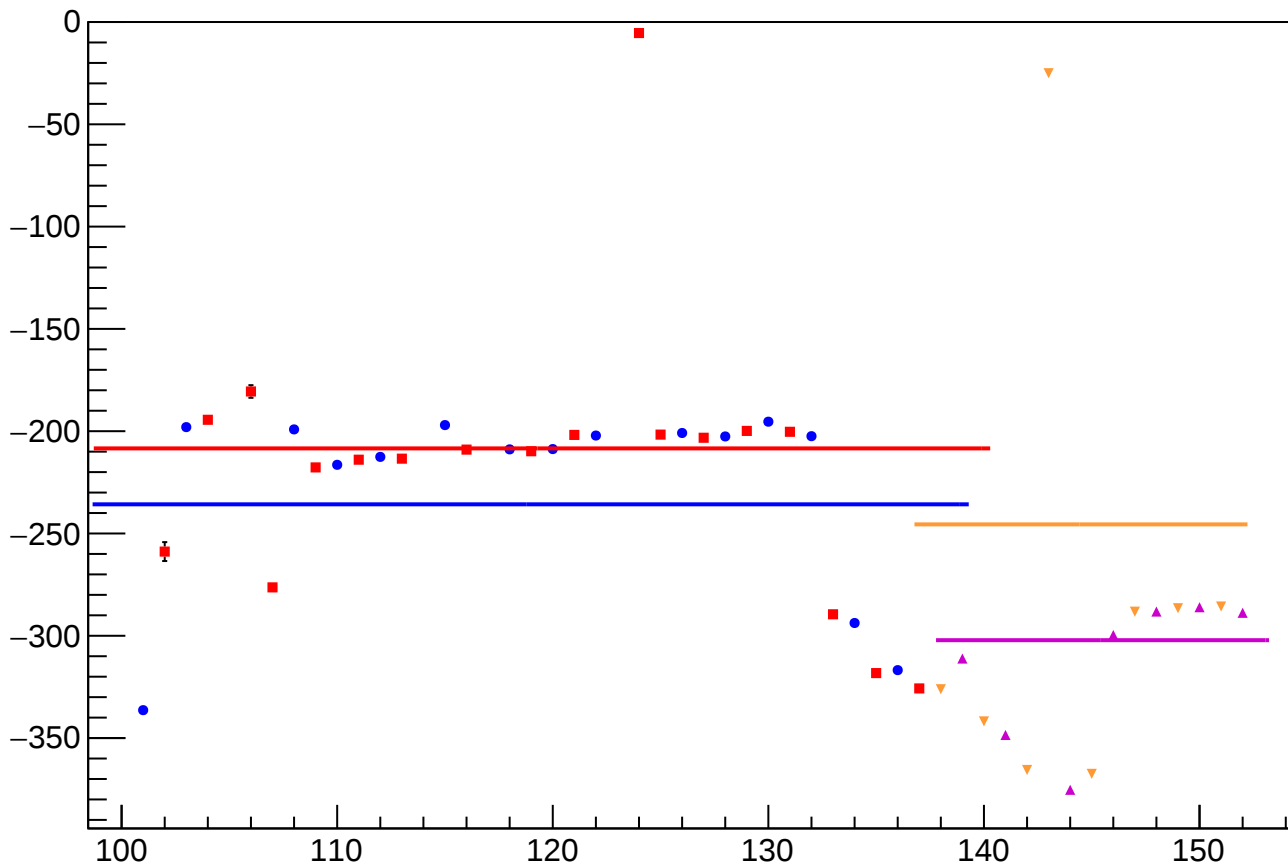
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 634.630 $\pm$ 0.178 χ^2 /NDF: 1439602.5/21

Out: 640.650 $\pm$ 0.171 χ^2 /NDF: 1402490.0/25

All: 637.756 $\pm$ 0.123 χ^2 /NDF: 2842686.2/47

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -245.551+/-0.043 χ^2/NDF : 5507238.8/7

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -302.153+/-0.055 χ^2/NDF : 218003.5/6

Left: -266.668+/-0.034 χ^2/NDF : 6384044.5/14

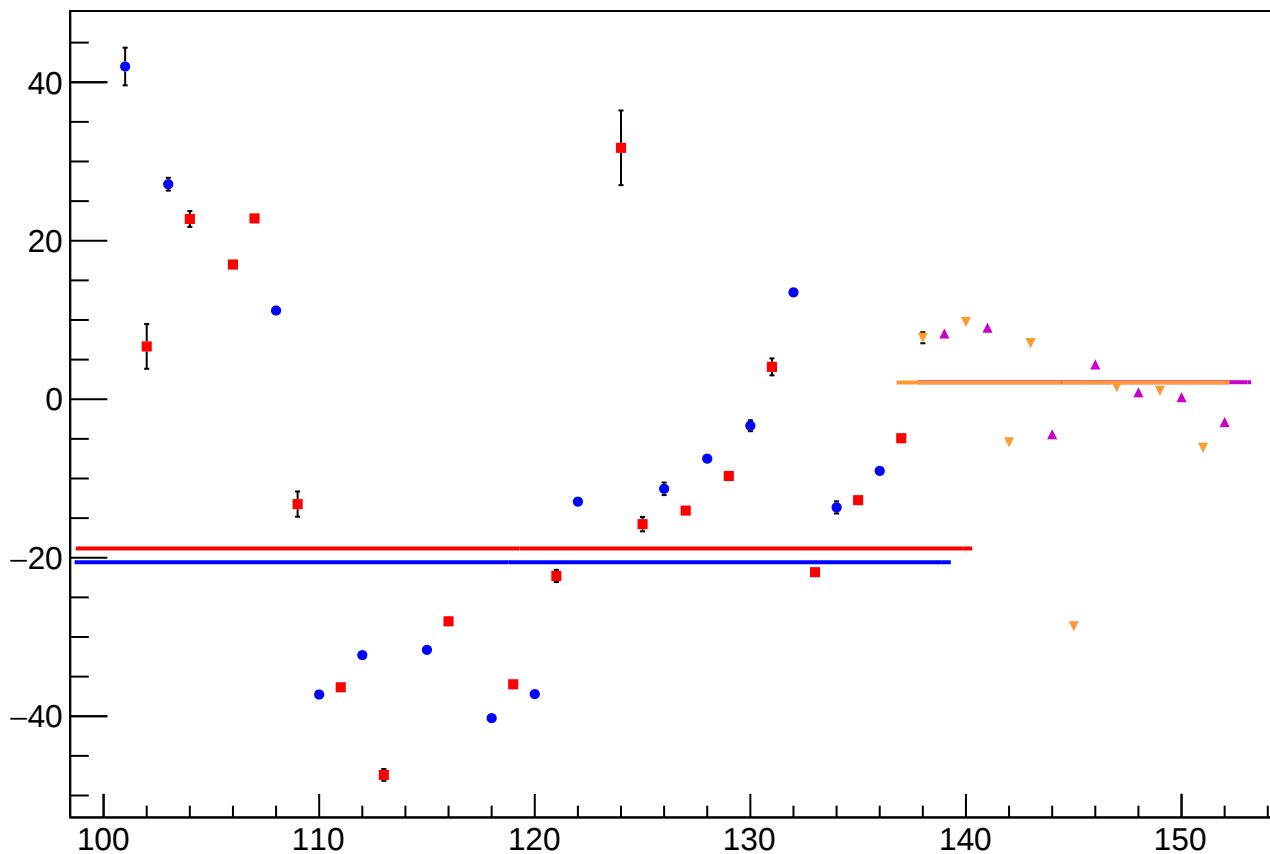
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -268.955+/-0.039 χ^2/NDF : 1817297.6/21

Out: -228.704+/-0.031 χ^2/NDF : 6227131.8/25

All: -244.563+/-0.025 χ^2/NDF : 8688413.9/47

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 2.114 ± 0.050 χ^2/NDF : 7940.9/7

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.149 ± 0.039 χ^2/NDF : 7329.0/6

Left: 2.136 ± 0.031 χ^2/NDF : 15270.3/14

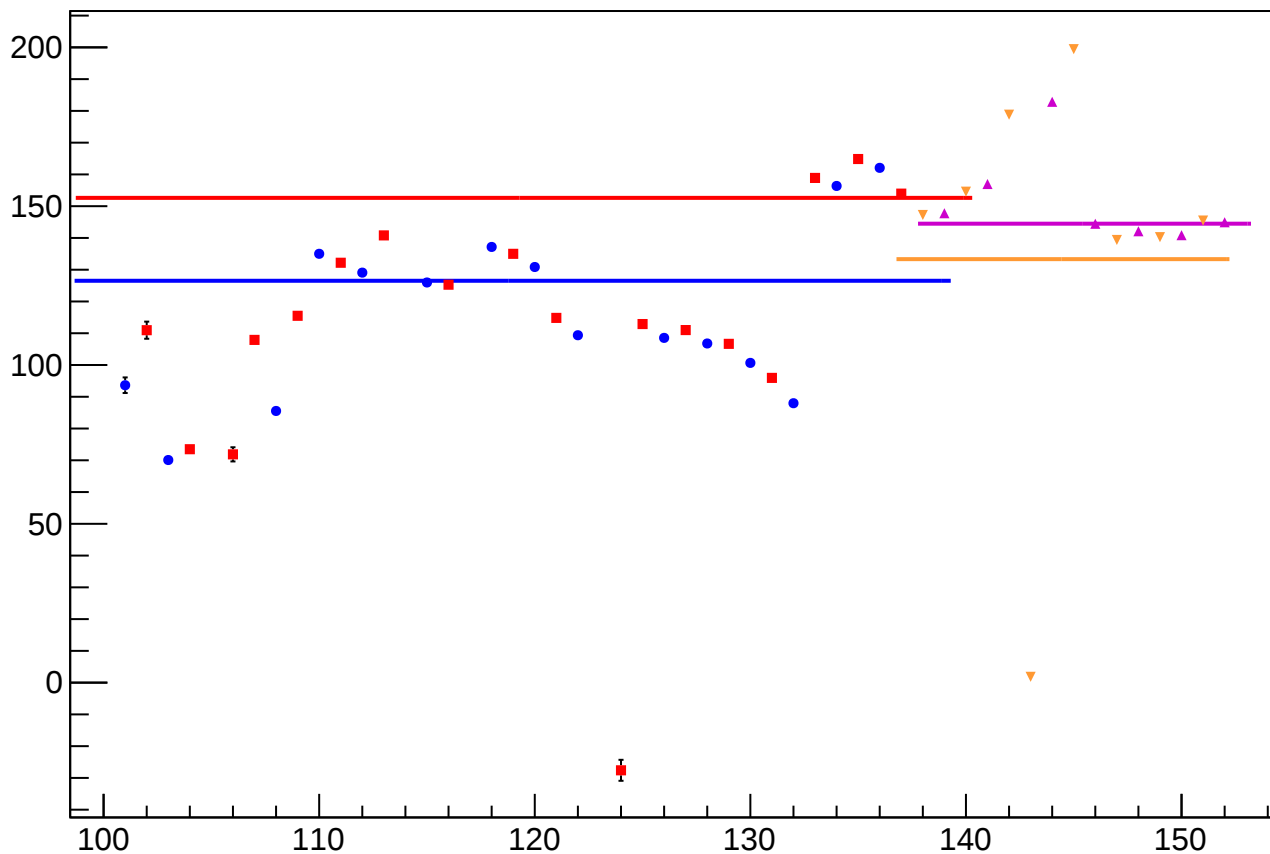
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -3.090 ± 0.034 χ^2/NDF : 148761.1/21

Out: -1.555 ± 0.045 χ^2/NDF : 59813.2/25

All: -2.530 ± 0.027 χ^2/NDF : 209306.5/47

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 133.327 $\pm$ 0.060 χ^2 /NDF: 382130.9/7

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 144.490 $\pm$ 0.050 χ^2 /NDF: 20646.2/6

Left: 139.919 $\pm$ 0.039 χ^2 /NDF: 422917.4/14

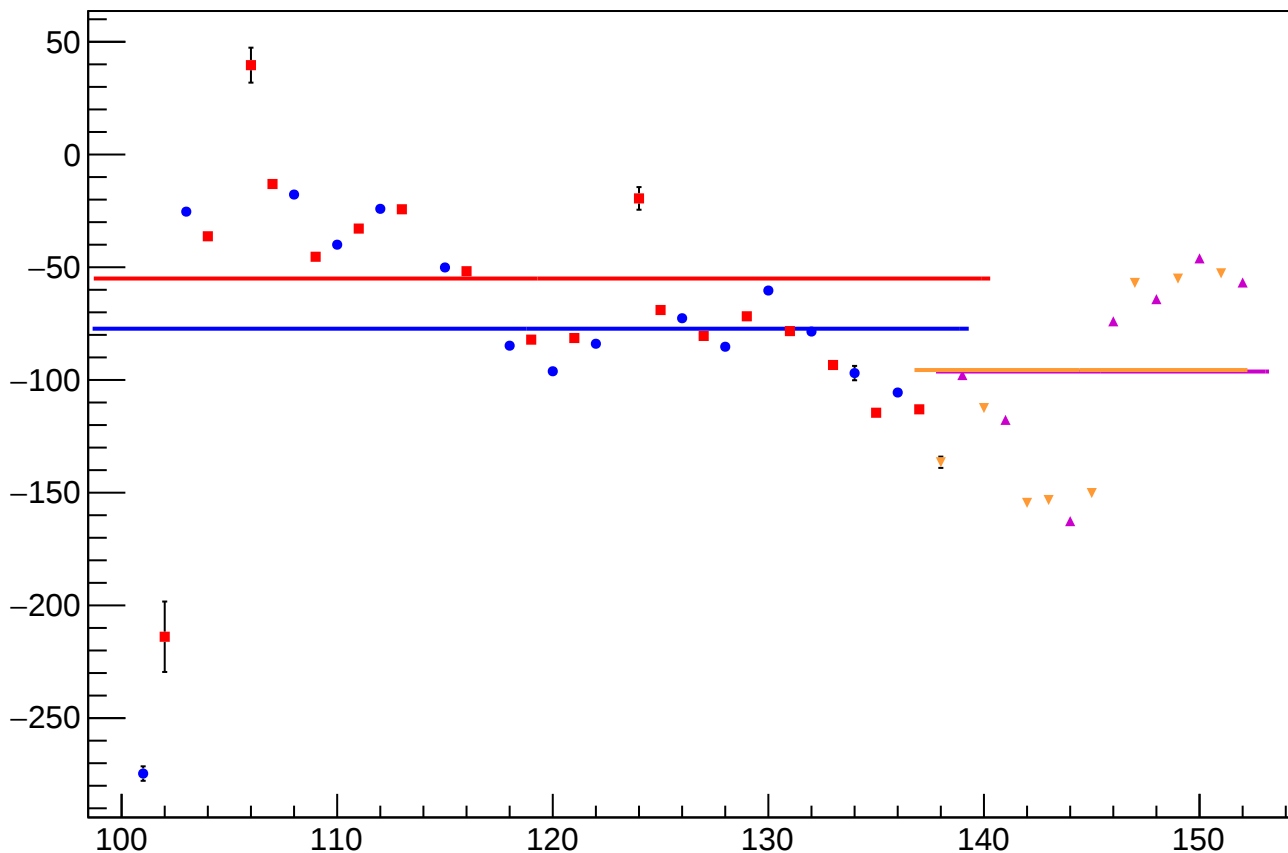
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 139.742 $\pm$ 0.043 χ^2 /NDF: 169300.4/21

Out: 148.735 $\pm$ 0.027 χ^2 /NDF: 537511.5/25

All: 146.190 $\pm$ 0.023 χ^2 /NDF: 737920.6/47

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260+/-0.146 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: -96.259+/-0.187 χ^2/NDF : 43127.5/6

Left: -95.950+/-0.136 χ^2/NDF : 88139.2/14

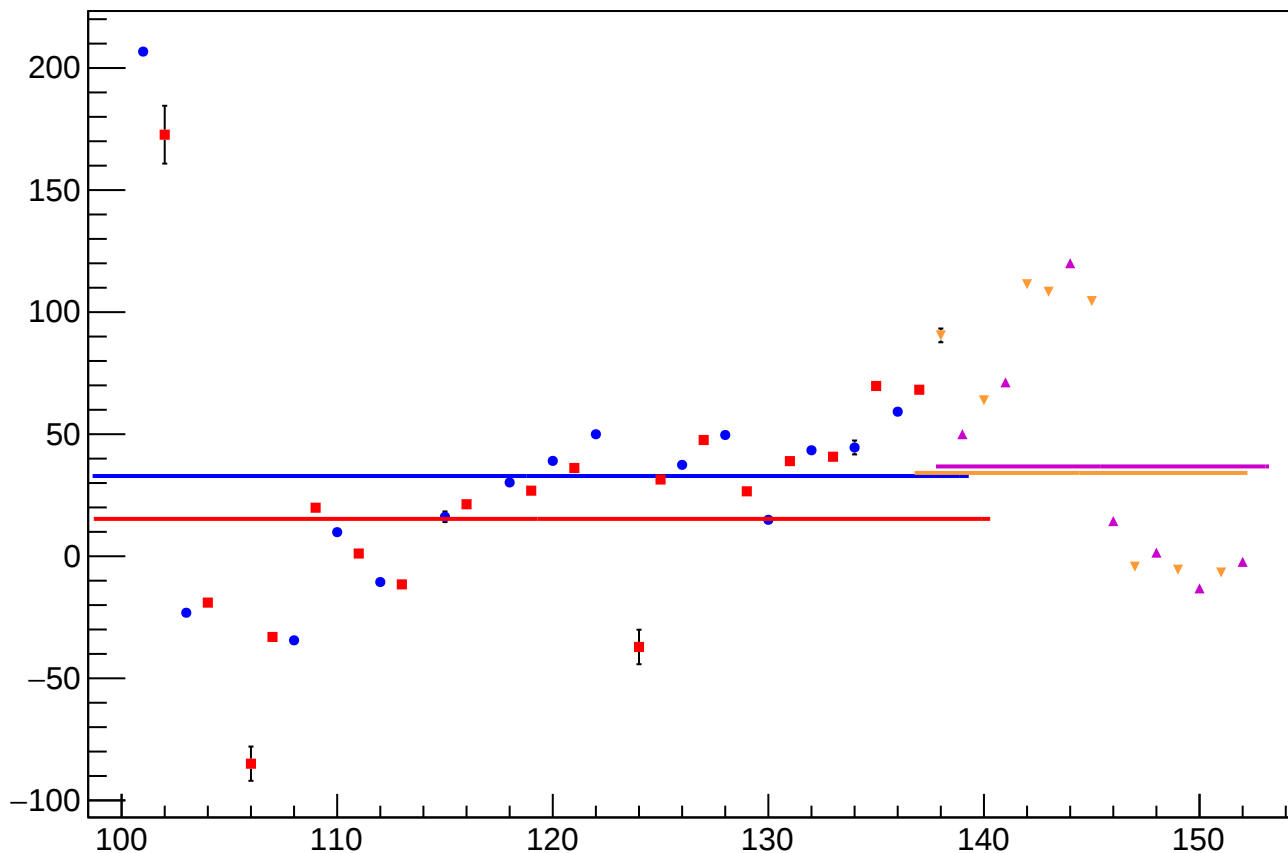
Right: -68.980+/-0.116 χ^2/NDF : 62576.3/32

In: -84.503+/-0.115 χ^2/NDF : 79898.6/21

Out: -74.317+/-0.138 χ^2/NDF : 90289.6/25

All: -80.311+/-0.088 χ^2/NDF : 173405.3/47

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 34.140 $\pm$ 0.179 χ^2/NDF : 73969.5/7

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 36.793 $\pm$ 0.169 χ^2/NDF : 67452.5/6

Left: 35.548 $\pm$ 0.123 χ^2/NDF : 141538.2/14

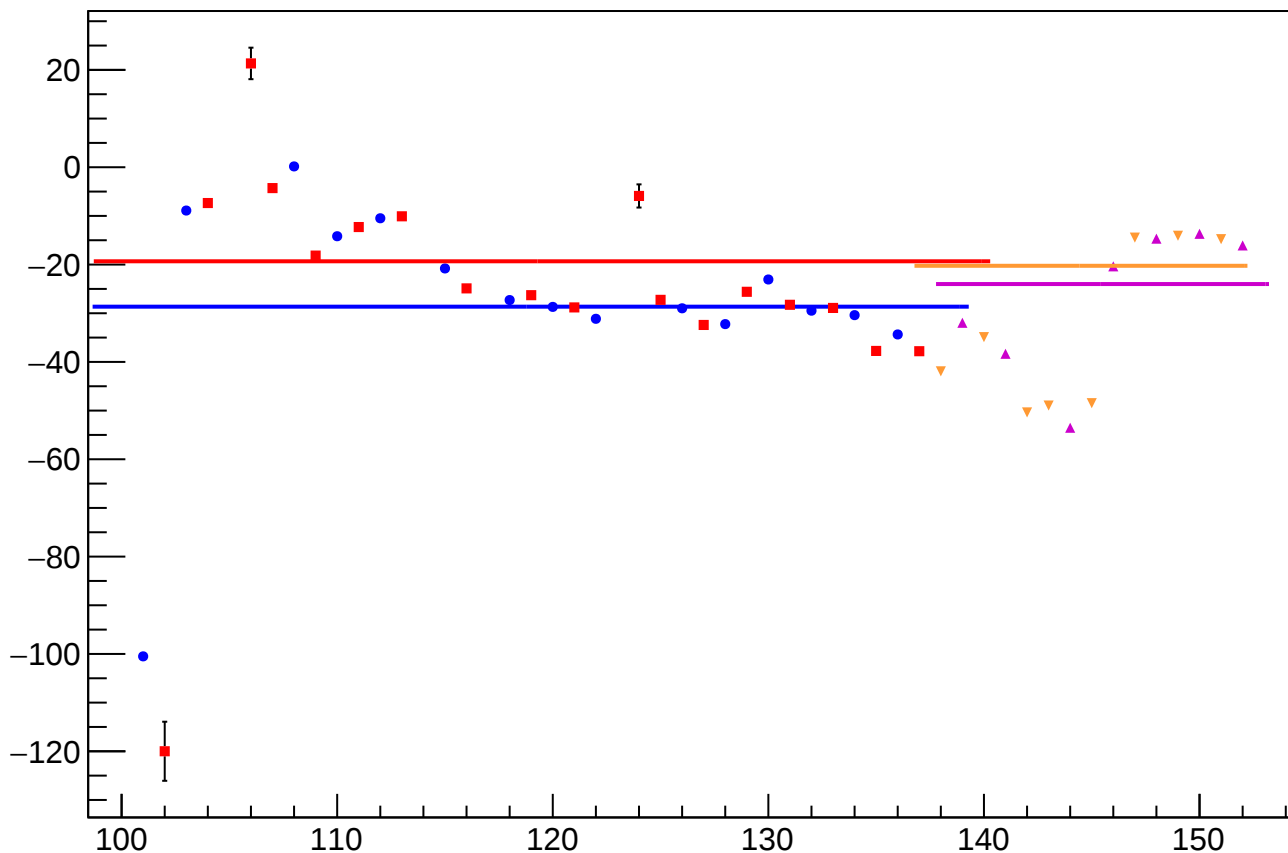
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 34.550 $\pm$ 0.110 χ^2/NDF : 99155.7/21

Out: 26.183 $\pm$ 0.136 χ^2/NDF : 95373.6/25

All: 31.236 $\pm$ 0.086 χ^2/NDF : 196805.0/47

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -20.248 ± 0.027 $\chi^2/\text{NDF}: 209615.1/7$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -24.000 ± 0.029 $\chi^2/\text{NDF}: 151030.9/6$

Left: -22.009 ± 0.020 $\chi^2/\text{NDF}: 369797.3/14$

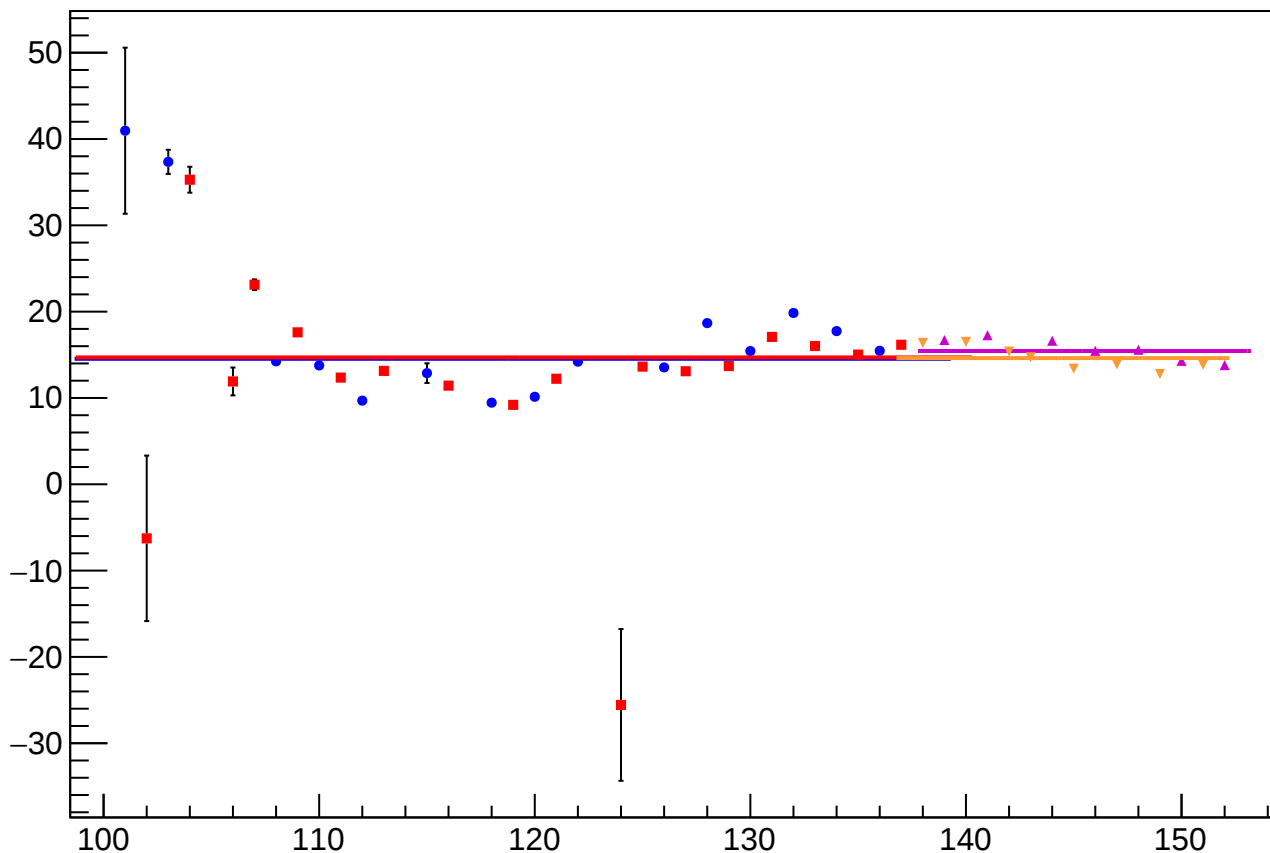
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -25.906 ± 0.022 $\chi^2/\text{NDF}: 275324.0/21$

Out: -19.954 ± 0.022 $\chi^2/\text{NDF}: 266569.8/25$

All: -22.963 ± 0.016 $\chi^2/\text{NDF}: 578265.1/47$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 14.622 $\pm$ 0.026 χ^2 /NDF:2725.9/7

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.441 $\pm$ 0.024 χ^2 /NDF:2637.5/6

Left: 15.065 $\pm$ 0.017 χ^2 /NDF: 5907.4/14

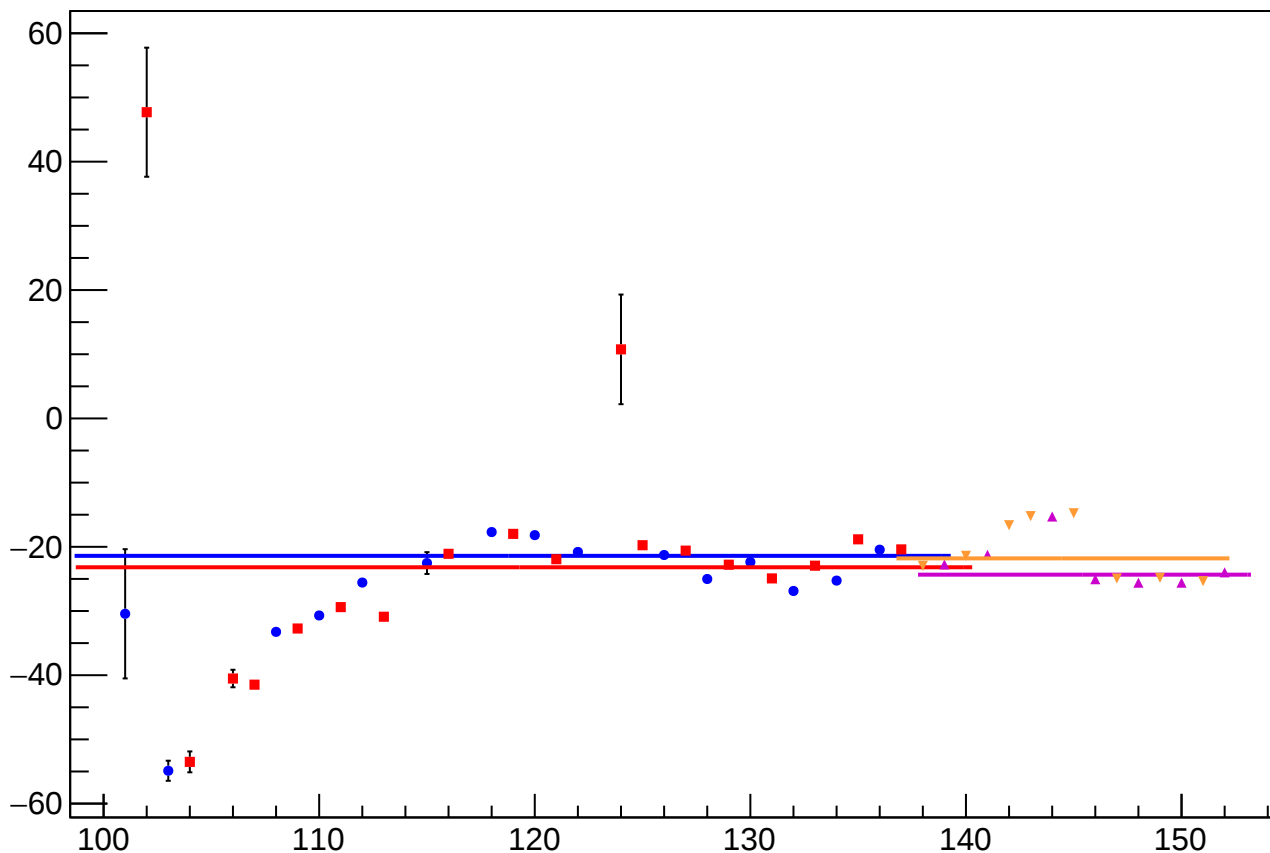
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.090 $\pm$ 0.019 χ^2 /NDF:15269.1/21

Out: 14.641 $\pm$ 0.022 χ^2 /NDF:4361.0/25

All: 14.905 $\pm$ 0.014 χ^2 /NDF: 19870.2/47

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -21.801 ± 0.027 $\chi^2/\text{NDF}: 23841.3/7$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.338 ± 0.027 $\chi^2/\text{NDF}: 7291.2/6$

Left: -23.099 ± 0.019 $\chi^2/\text{NDF}: 35533.8/14$

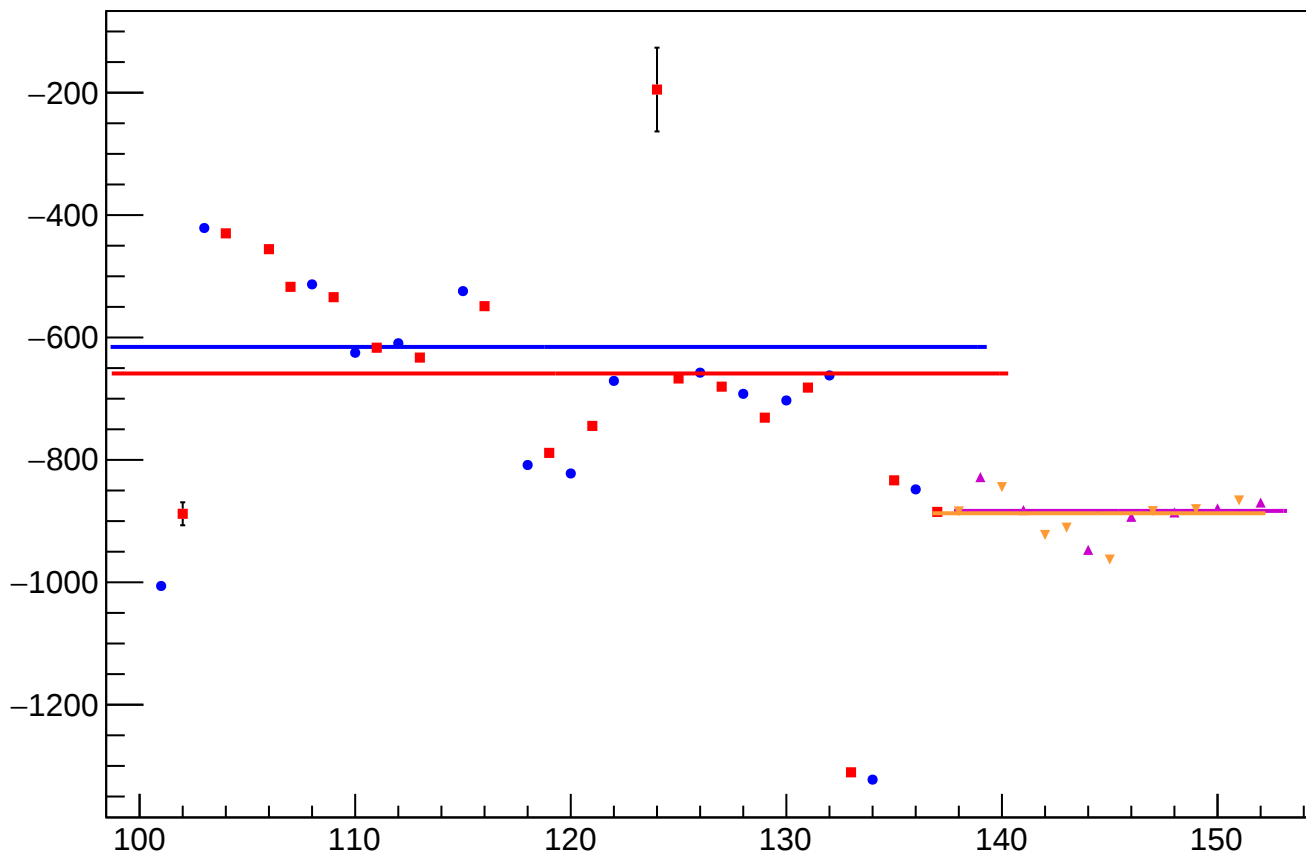
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.280 ± 0.021 $\chi^2/\text{NDF}: 21320.1/21$

Out: -22.109 ± 0.024 $\chi^2/\text{NDF}: 33539.0/25$

All: -22.765 ± 0.016 $\chi^2/\text{NDF}: 56178.9/47$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -887.187+/-0.264 χ^2/NDF :10442.8/7

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -883.328+/-0.213 χ^2/NDF :8624.7/6

Left: -884.853+/-0.166 χ^2/NDF : 19196.7/14

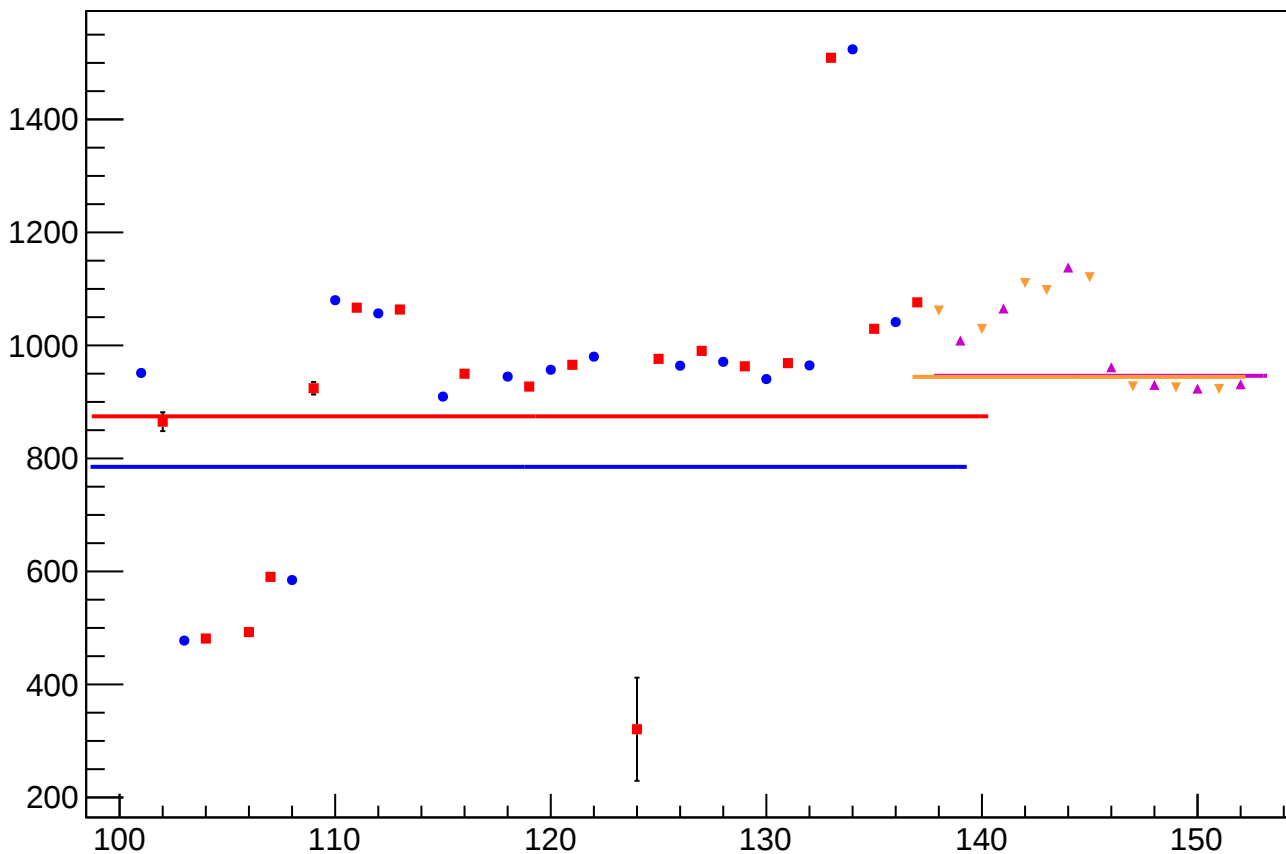
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -763.669+/-0.159 χ^2/NDF :1094973.0/21

Out: -769.567+/-0.184 χ^2/NDF :780892.2/25

All: -766.188+/-0.120 χ^2/NDF : 1876454.4/47

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.351+/-0.206 χ^2/NDF : 67765.5/7

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 946.266+/-0.179 χ^2/NDF : 72745.7/6

Left: 945.438+/-0.135 χ^2/NDF : 140560.4/14

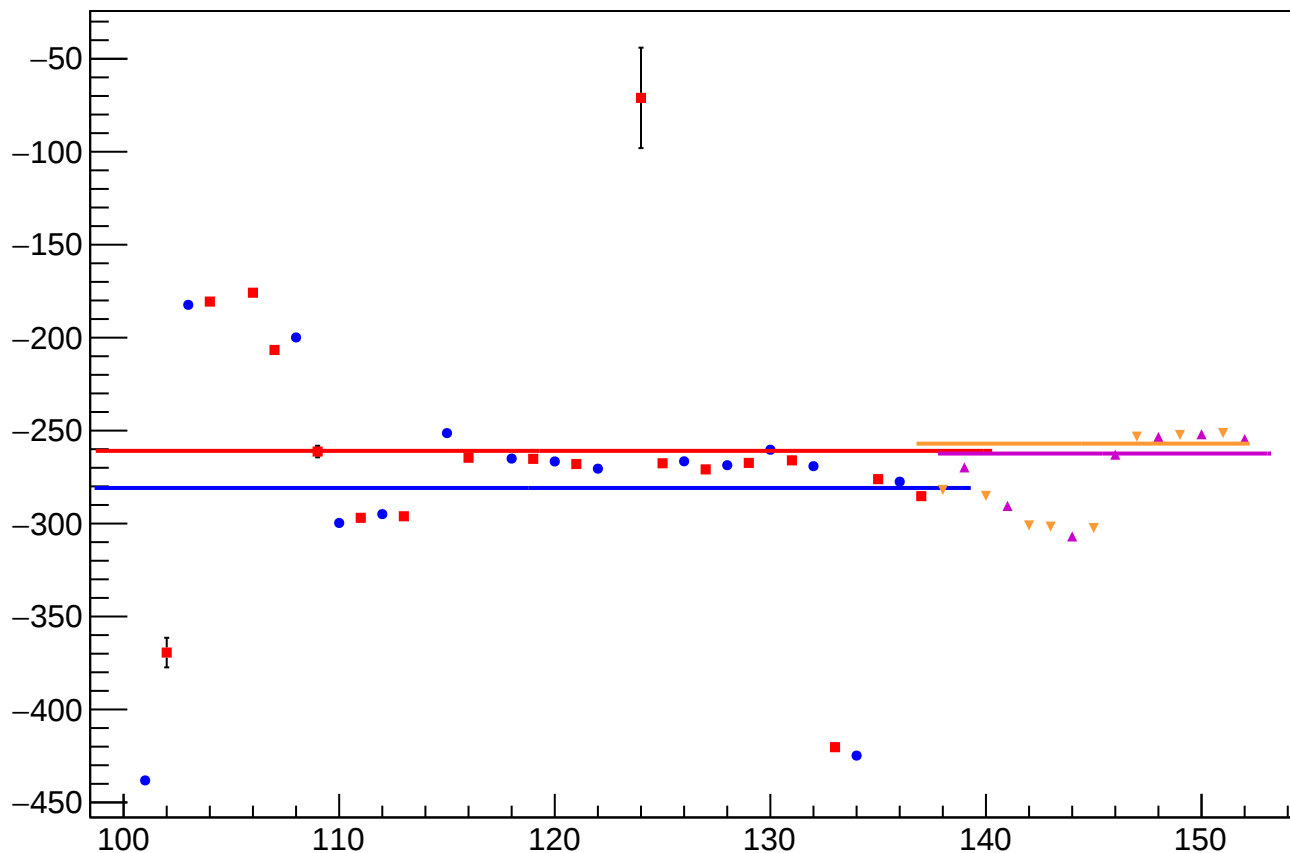
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 884.659+/-0.141 χ^2/NDF : 1267476.2/21

Out: 917.657+/-0.162 χ^2/NDF : 954469.2/25

All: 898.928+/-0.106 χ^2/NDF : 2245631.7/47

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 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: -262.344 ± 0.038 $\chi^2/\text{NDF}: 161561.7/6$

Left: -259.524 ± 0.026 $\chi^2/\text{NDF}: 324609.4/14$

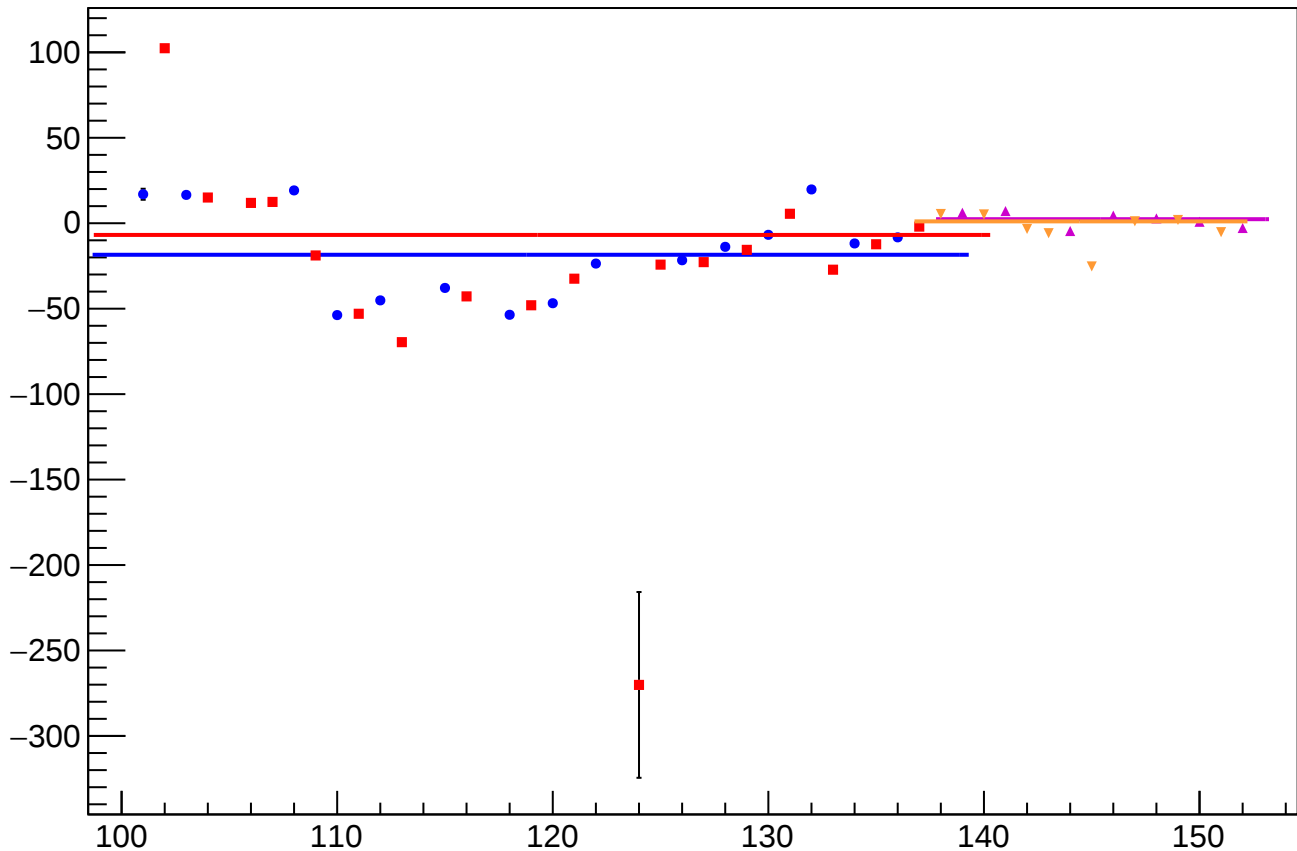
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -267.751 ± 0.032 $\chi^2/\text{NDF}: 1105982.8/21$

Out: -257.848 ± 0.031 $\chi^2/\text{NDF}: 502715.2/25$

All: -262.771 ± 0.022 $\chi^2/\text{NDF}: 1657977.0/47$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 1.090 ± 0.055 $\chi^2/\text{NDF}: 5868.8/7$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 2.368 ± 0.041 $\chi^2/\text{NDF}: 4216.0/6$

Left: 1.906 ± 0.033 $\chi^2/\text{NDF}: 10430.6/14$

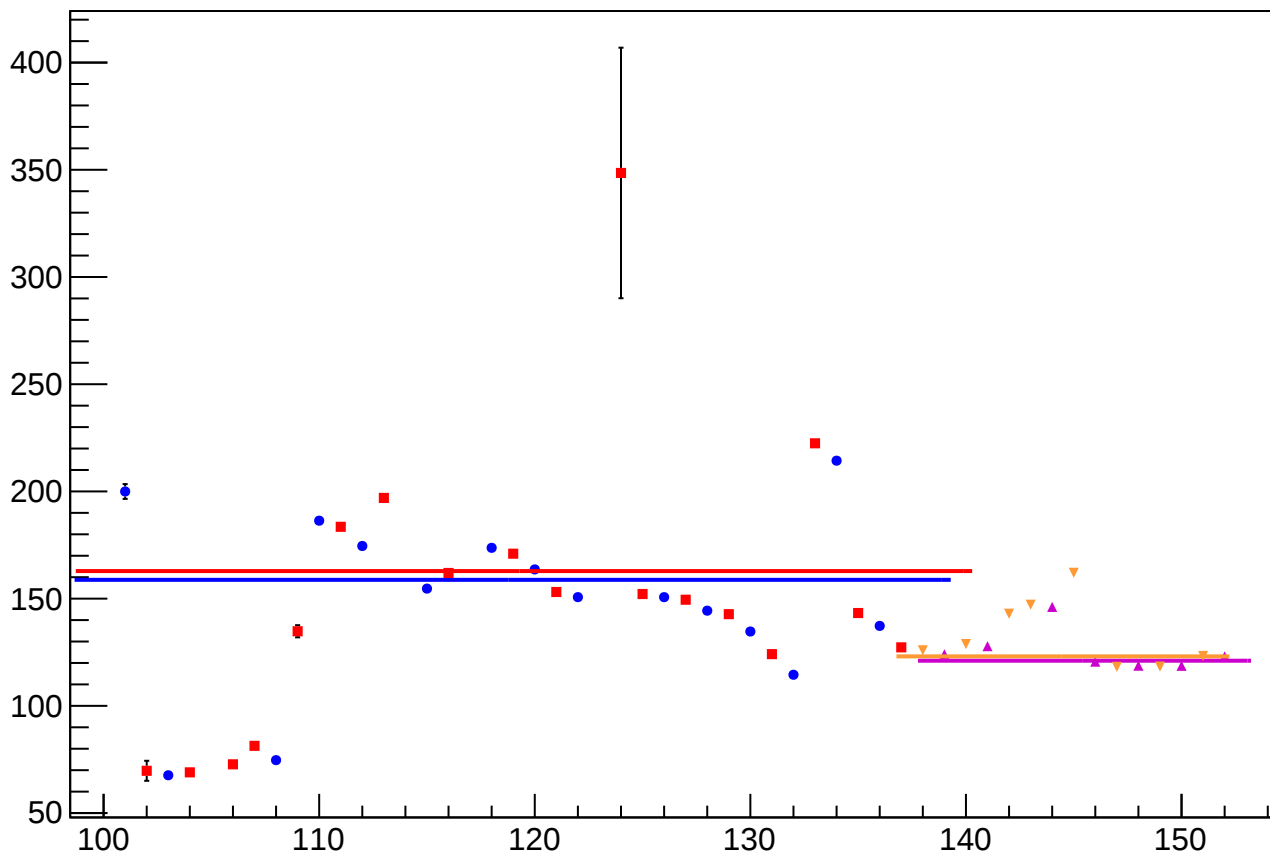
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -1.178 ± 0.038 $\chi^2/\text{NDF}: 93962.5/21$

Out: -2.239 ± 0.042 $\chi^2/\text{NDF}: 64652.1/25$

All: -1.653 ± 0.028 $\chi^2/\text{NDF}: 158969.4/47$

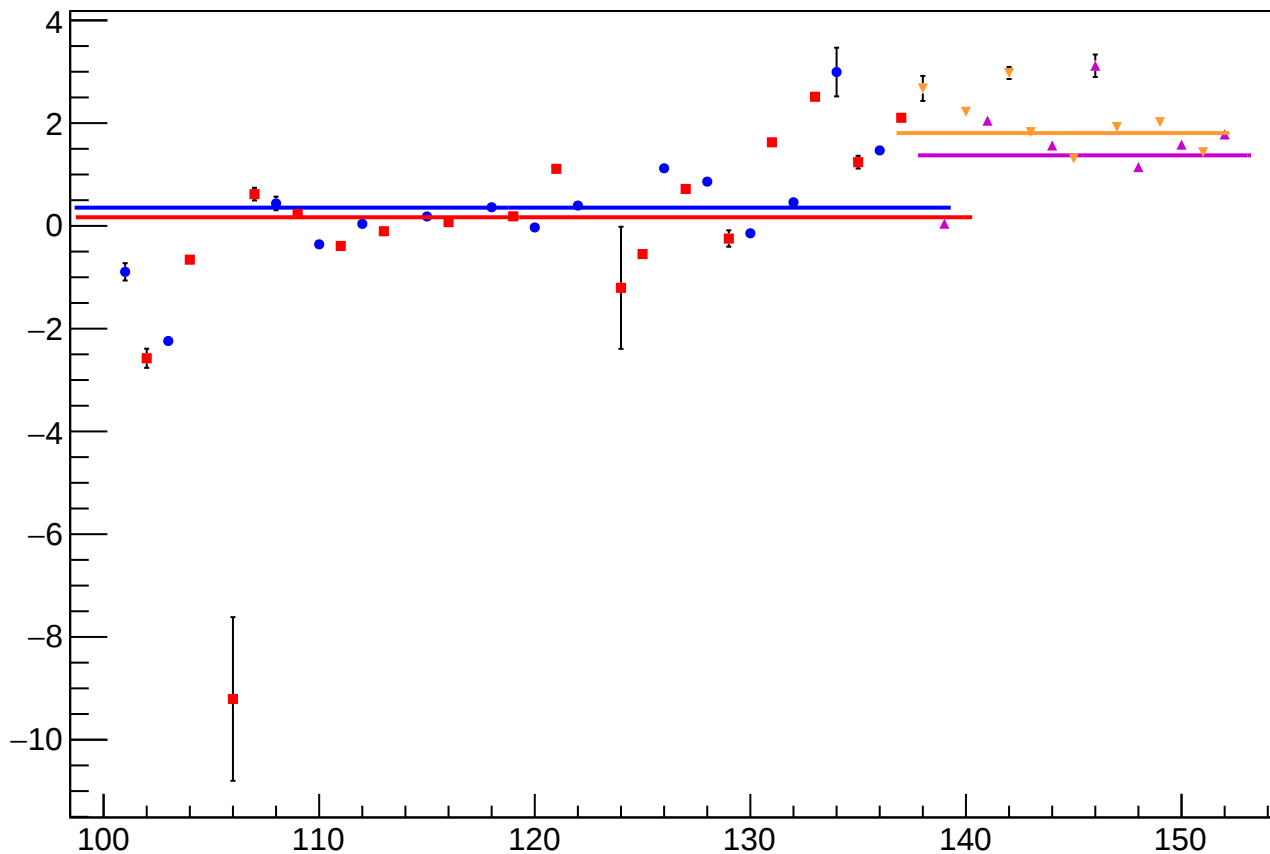
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 123.075 $\pm$ 0.055 χ^2/NDF :30798.4/7
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 121.051 $\pm$ 0.044 χ^2/NDF :12991.8/6

Left: 121.837 $\pm$ 0.035 χ^2/NDF : 44604.8/14
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 128.609 $\pm$ 0.040 χ^2/NDF :317907.8/21
 Out: 133.472 $\pm$ 0.048 χ^2/NDF :321354.3/25
 All: 130.590 $\pm$ 0.030 χ^2/NDF : 645427.6/47

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.806 ± 0.017 χ^2/NDF : 425.4/7

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.373 ± 0.012 χ^2/NDF : 2745.1/6

Left: 1.513 ± 0.010 χ^2/NDF : 3591.0/14

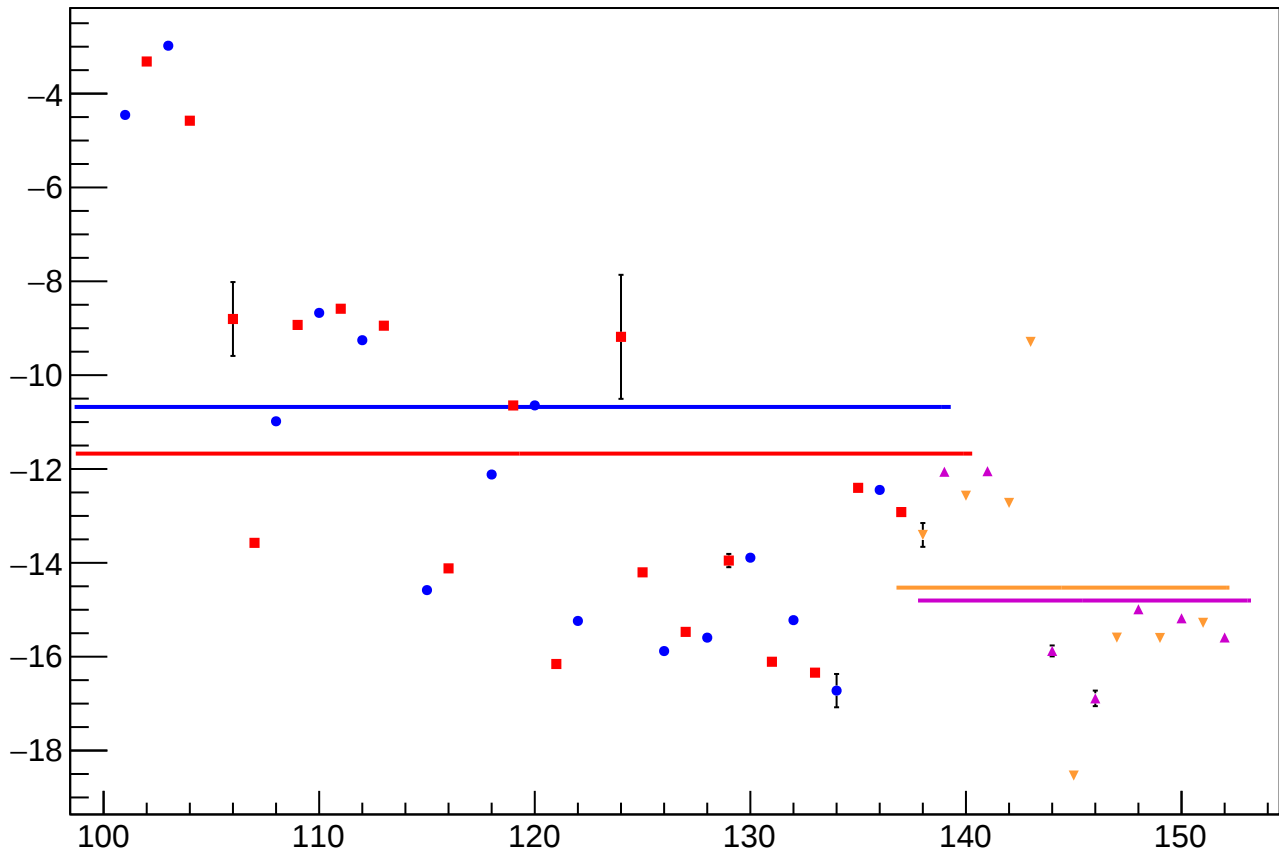
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.854 ± 0.008 χ^2/NDF : 10427.6/21

Out: 0.433 ± 0.007 χ^2/NDF : 12450.8/25

All: 0.605 ± 0.005 χ^2/NDF : 24359.0/47

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 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: -14.803 ± 0.011 $\chi^2/\text{NDF}: 9921.2/6$

Left: -14.695 ± 0.009 $\chi^2/\text{NDF}: 38453.0/14$

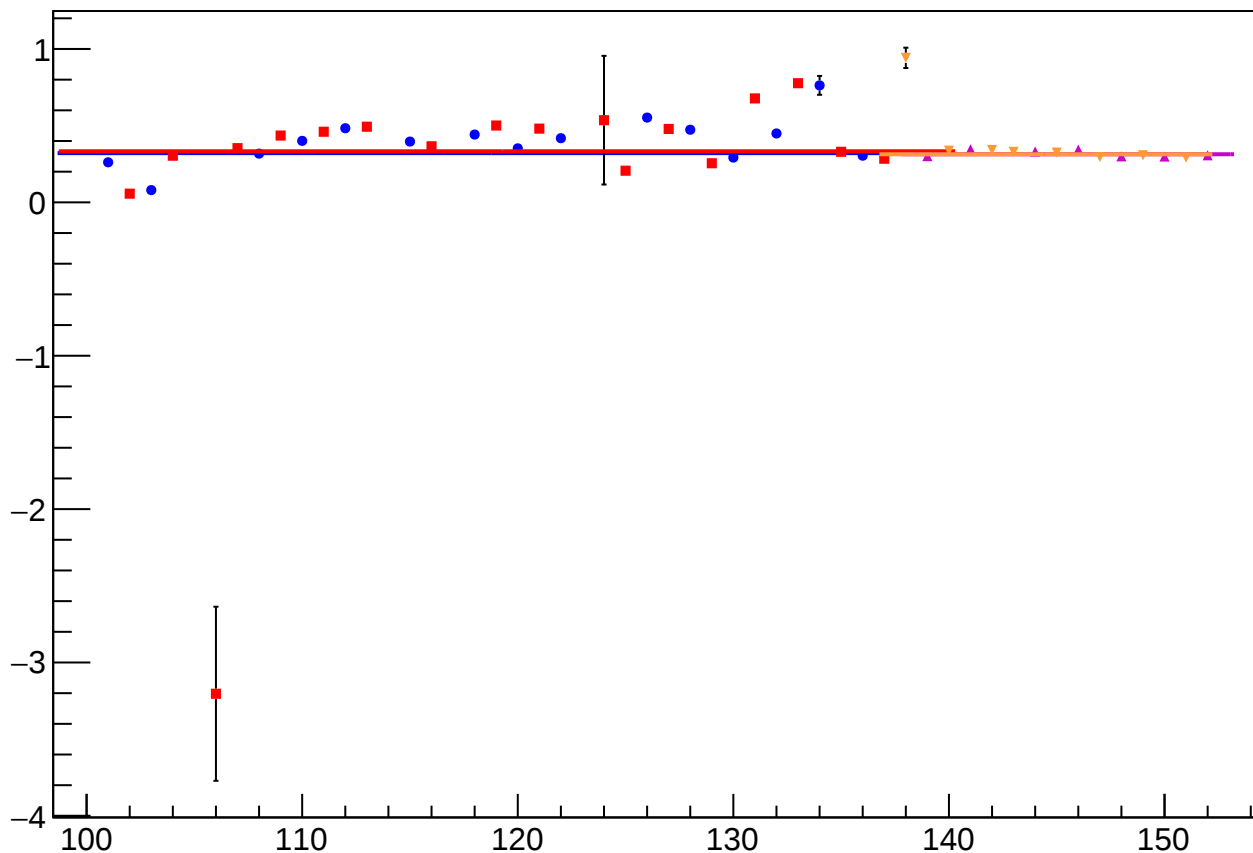
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -12.511 ± 0.008 $\chi^2/\text{NDF}: 308307.1/21$

Out: -12.809 ± 0.009 $\chi^2/\text{NDF}: 160125.0/25$

All: -12.636 ± 0.006 $\chi^2/\text{NDF}: 469066.2/47$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 χ^2/NDF : 4017.7/14

Left Out: 0.313 ± 0.000 χ^2/NDF : 2067.1/7

Right Out: 0.333 ± 0.001 χ^2/NDF : 4170.0/17

Left In: 0.314 ± 0.000 χ^2/NDF : 1365.1/6

Left: 0.313 ± 0.000 χ^2/NDF : 3432.4/14

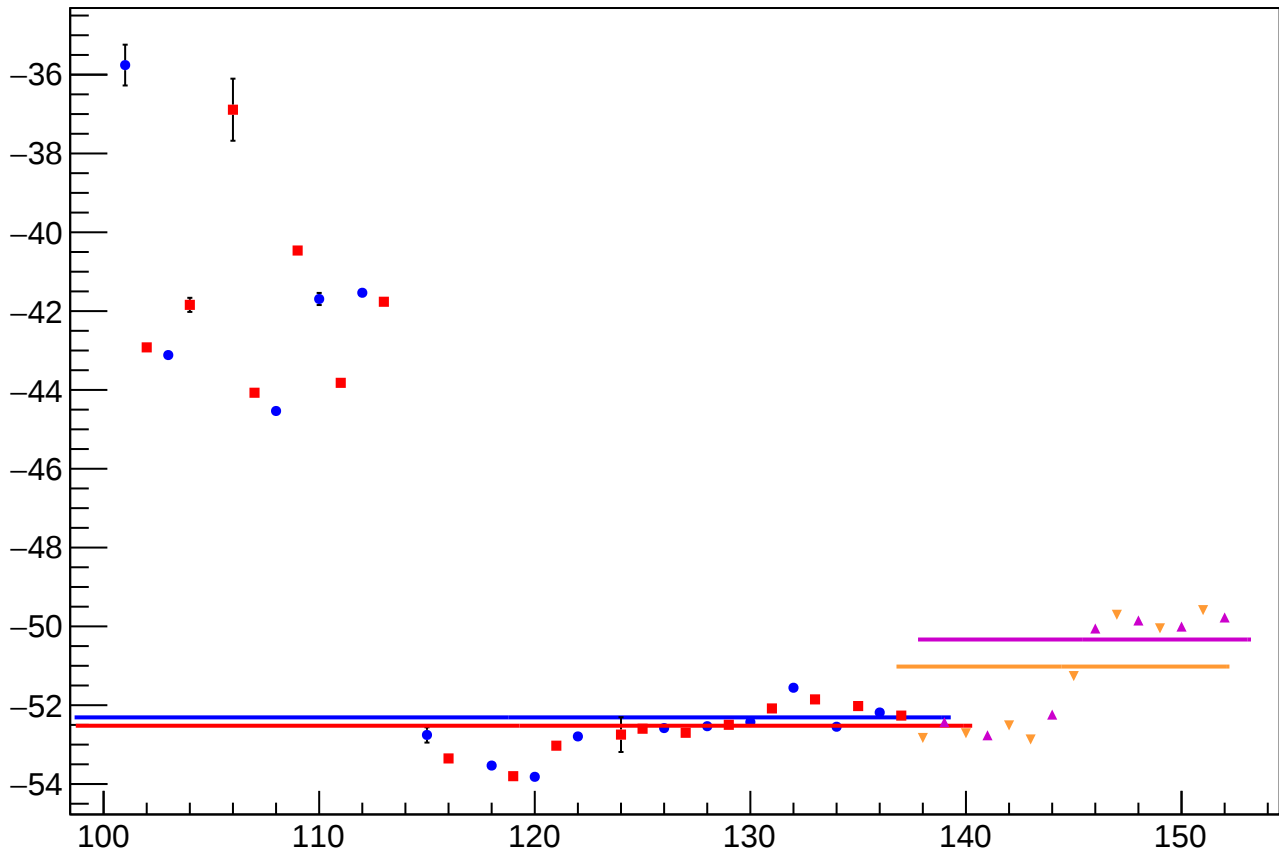
Right: 0.325 ± 0.001 χ^2/NDF : 8247.8/32

In: 0.315 ± 0.000 χ^2/NDF : 5432.4/21

Out: 0.315 ± 0.000 χ^2/NDF : 6458.4/25

All: 0.315 ± 0.000 χ^2/NDF : 11891.5/47

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -51.019 ± 0.004 χ^2/NDF : 171081.0/7

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.333 ± 0.002 χ^2/NDF : 147898.9/6

Left: -50.552 ± 0.002 χ^2/NDF : 345014.9/14

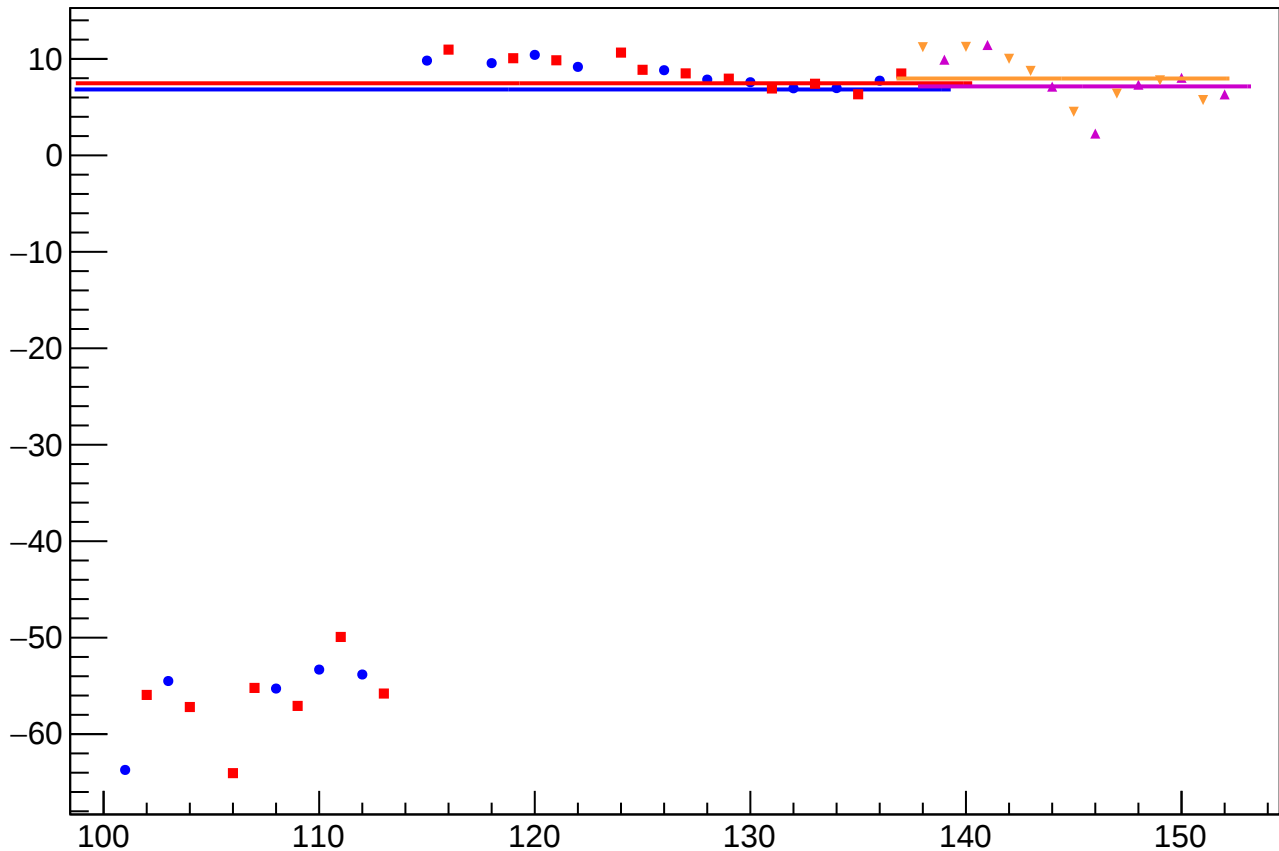
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.785 ± 0.002 χ^2/NDF : 355916.3/21

Out: -51.571 ± 0.003 χ^2/NDF : 314924.4/25

All: -51.071 ± 0.002 χ^2/NDF : 721276.8/47

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834+/-0.005 χ^2/NDF : 990576.4/14

Left Out: 7.969+/-0.008 χ^2/NDF : 66943.6/7

Right Out: 7.474+/-0.009 χ^2/NDF : 1195498.7/17

Left In: 7.150+/-0.006 χ^2/NDF : 88175.8/6

Left: 7.431+/-0.005 χ^2/NDF : 161320.0/14

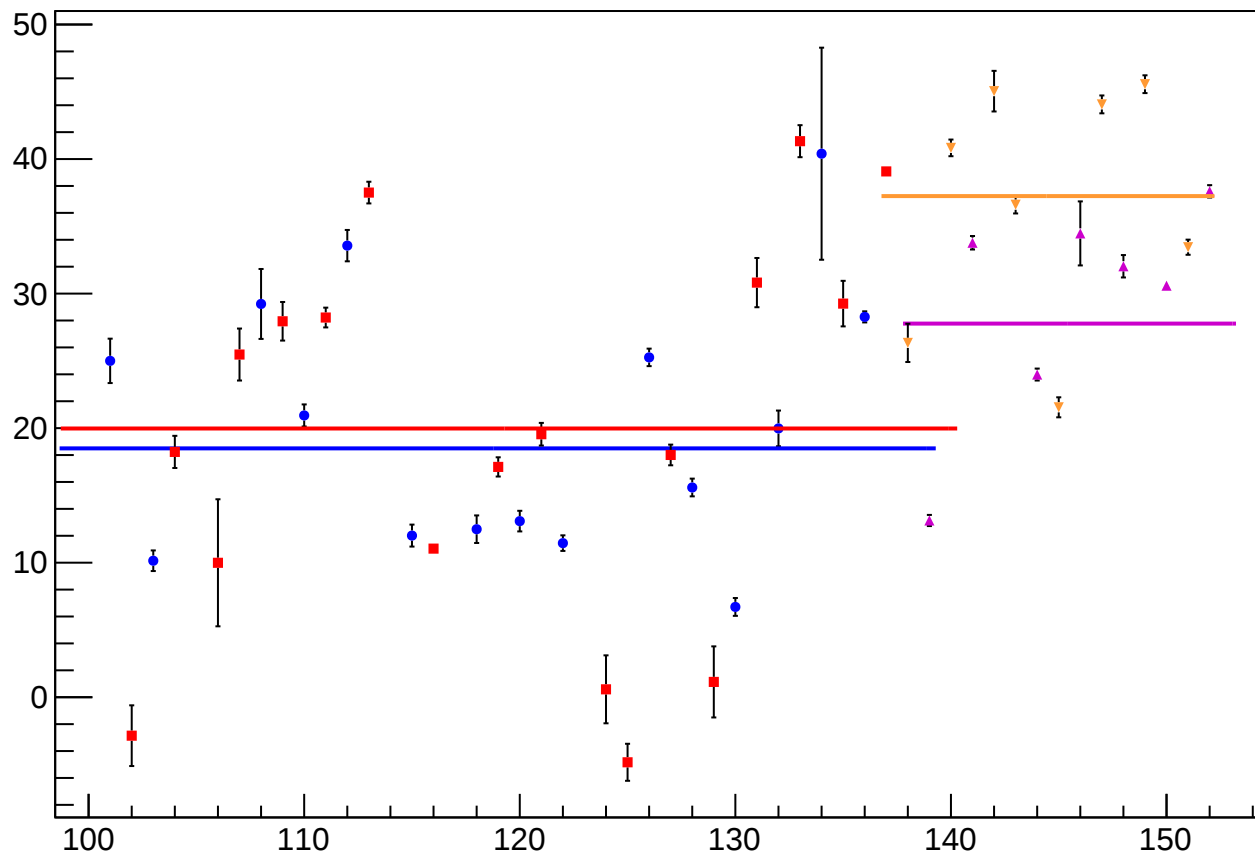
Right: 6.980+/-0.004 χ^2/NDF : 2189734.1/32

In: 6.963+/-0.004 χ^2/NDF : 1080350.6/21

Out: 7.746+/-0.006 χ^2/NDF : 1263999.7/25

All: 7.182+/-0.003 χ^2/NDF : 2355659.7/47

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 +/- 0.200 χ^2/NDF : 1636.7/14

Left Out: 37.247 +/- 0.255 χ^2/NDF : 874.7/7

Right Out: 19.974 +/- 0.130 χ^2/NDF : 9201.3/17

Left In: 27.770 +/- 0.180 χ^2/NDF : 2028.9/6

Left: 30.936 +/- 0.147 χ^2/NDF : 3826.2/14

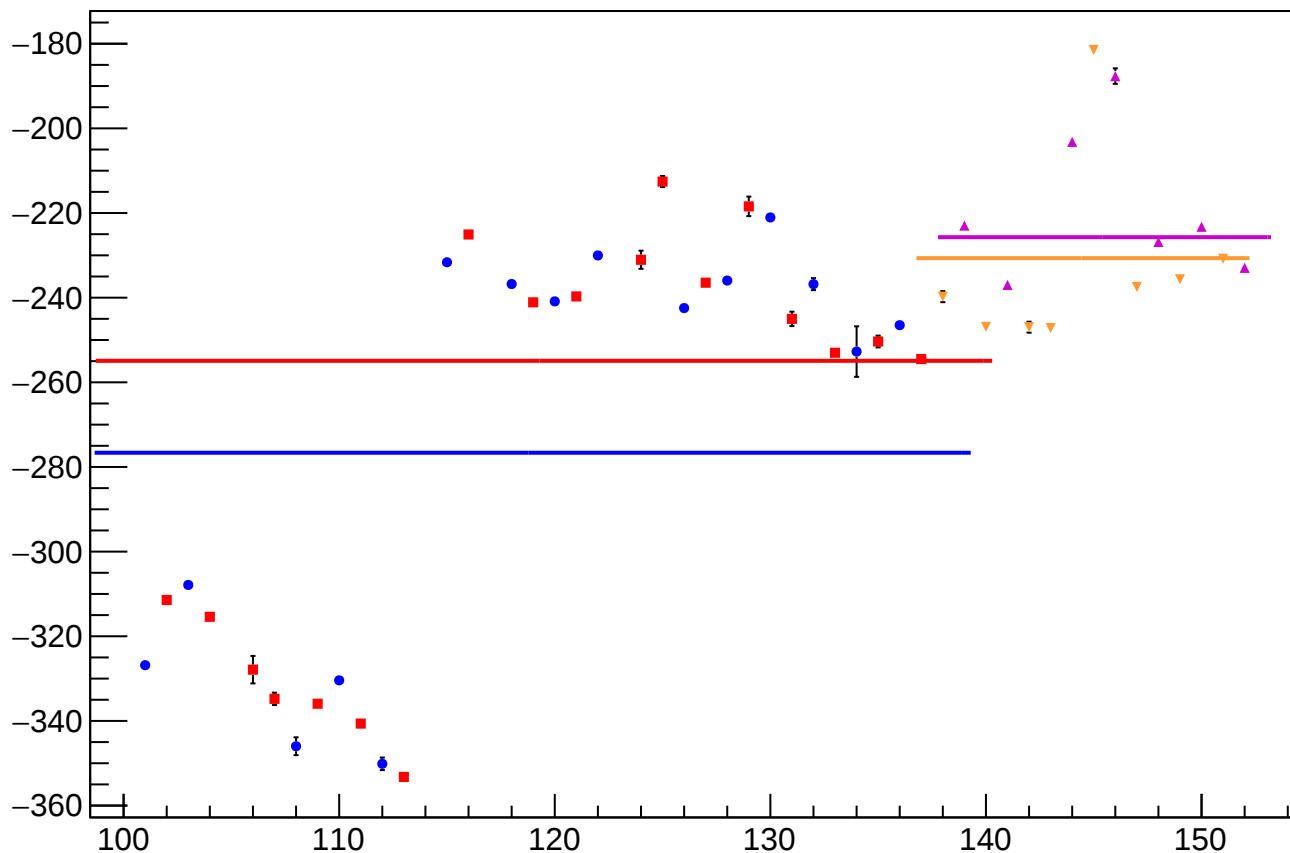
Right: 19.534 +/- 0.109 χ^2/NDF : 10876.3/32

In: 23.613 +/- 0.134 χ^2/NDF : 4851.3/21

Out: 23.554 +/- 0.116 χ^2/NDF : 13725.0/25

All: 23.579 +/- 0.088 χ^2/NDF : 18576.4/47

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -230.663 $\pm$ 0.206 χ^2 /NDF:10615.3/7

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -225.708 $\pm$ 0.158 χ^2 /NDF:2520.7/6

Left: -227.538 $\pm$ 0.125 χ^2 /NDF: 13500.7/14

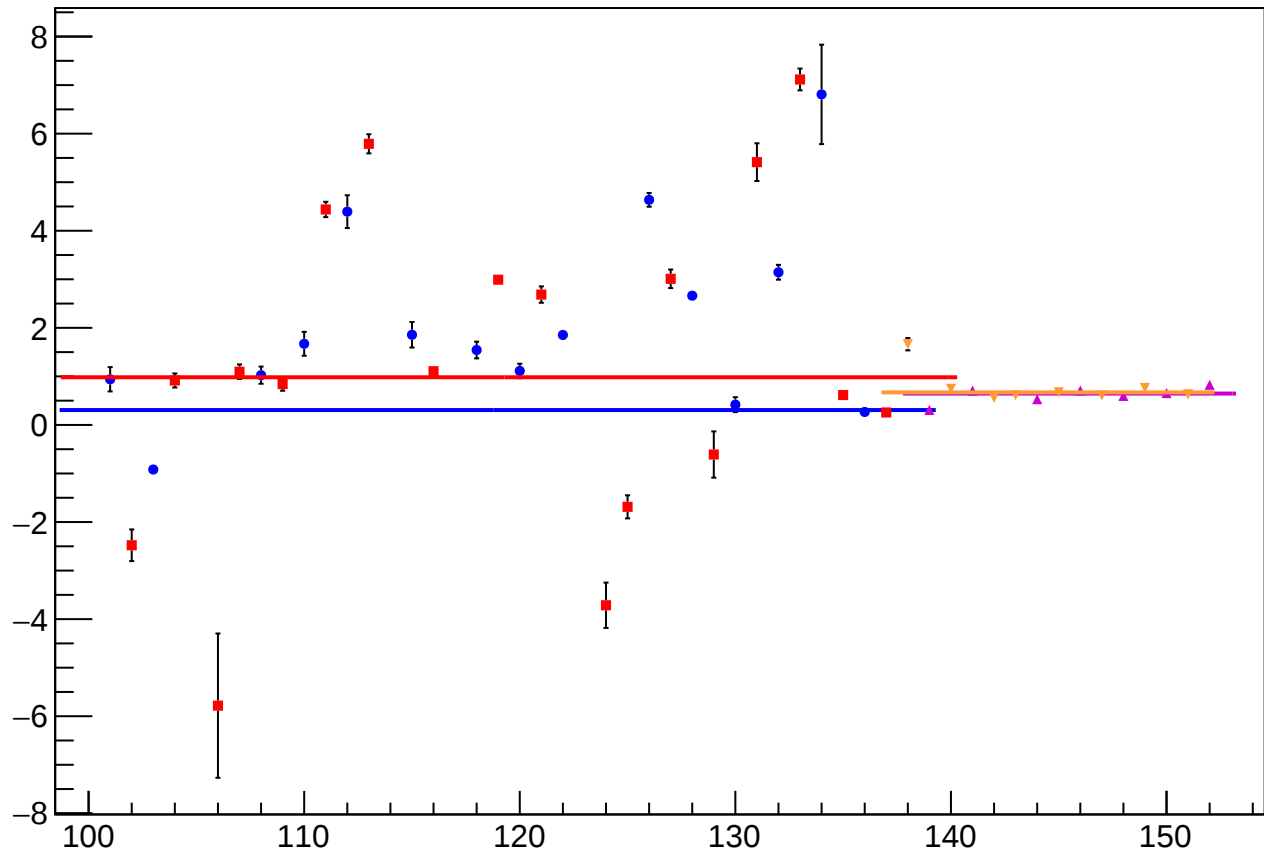
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -252.863 $\pm$ 0.108 χ^2 /NDF:135255.6/21

Out: -252.332 $\pm$ 0.067 χ^2 /NDF:94938.3/25

All: -252.481 $\pm$ 0.057 χ^2 /NDF: 230211.3/47

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.671 ± 0.004 $\chi^2/\text{NDF}: 466.6/7$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.646 ± 0.003 $\chi^2/\text{NDF}: 3270.3/6$

Left: 0.656 ± 0.002 $\chi^2/\text{NDF}: 3765.2/14$

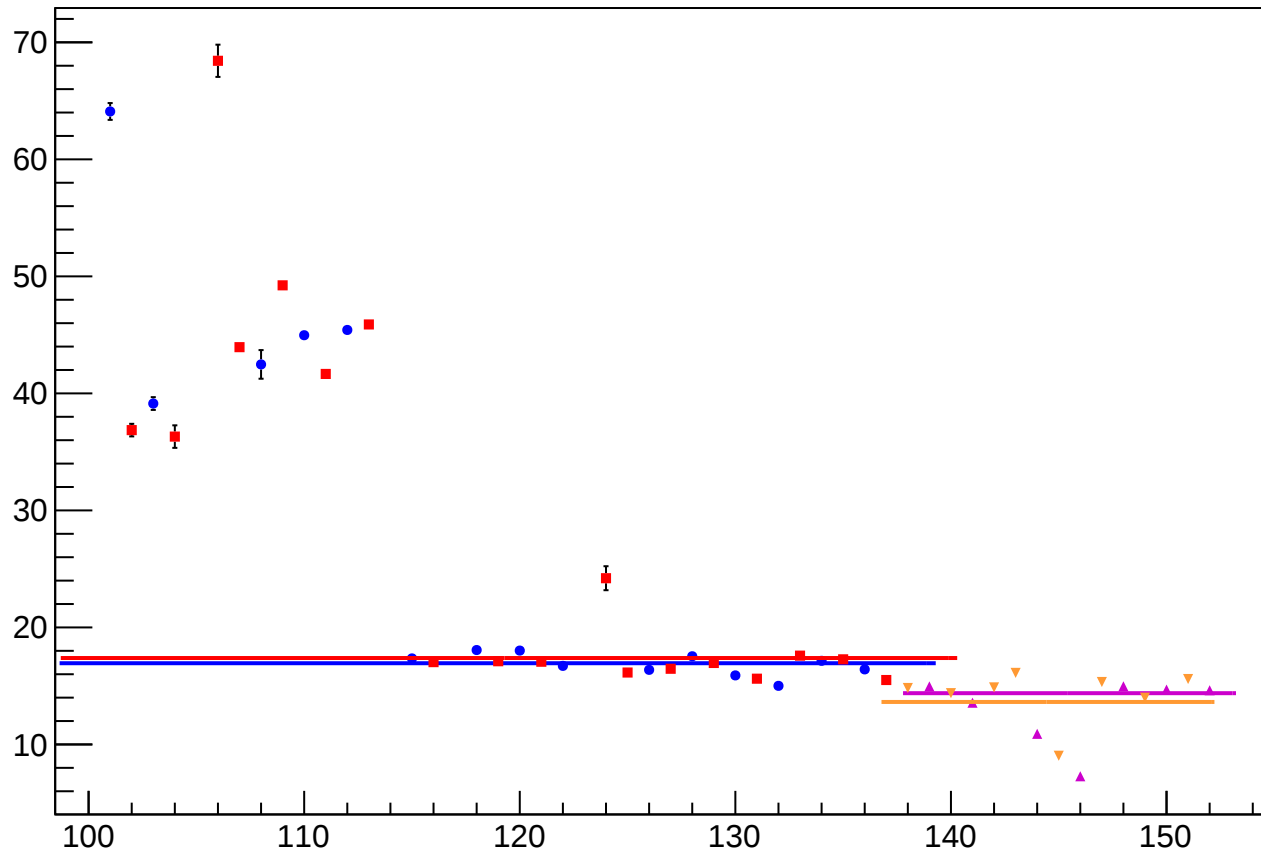
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.589 ± 0.003 $\chi^2/\text{NDF}: 8232.3/21$

Out: 0.687 ± 0.003 $\chi^2/\text{NDF}: 4266.8/25$

All: 0.627 ± 0.002 $\chi^2/\text{NDF}: 13008.6/47$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.631 ± 0.013 χ^2/NDF : 43644.4/7

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 14.381 ± 0.017 χ^2/NDF : 5207.1/6

Left: 13.913 ± 0.010 χ^2/NDF : 50102.2/14

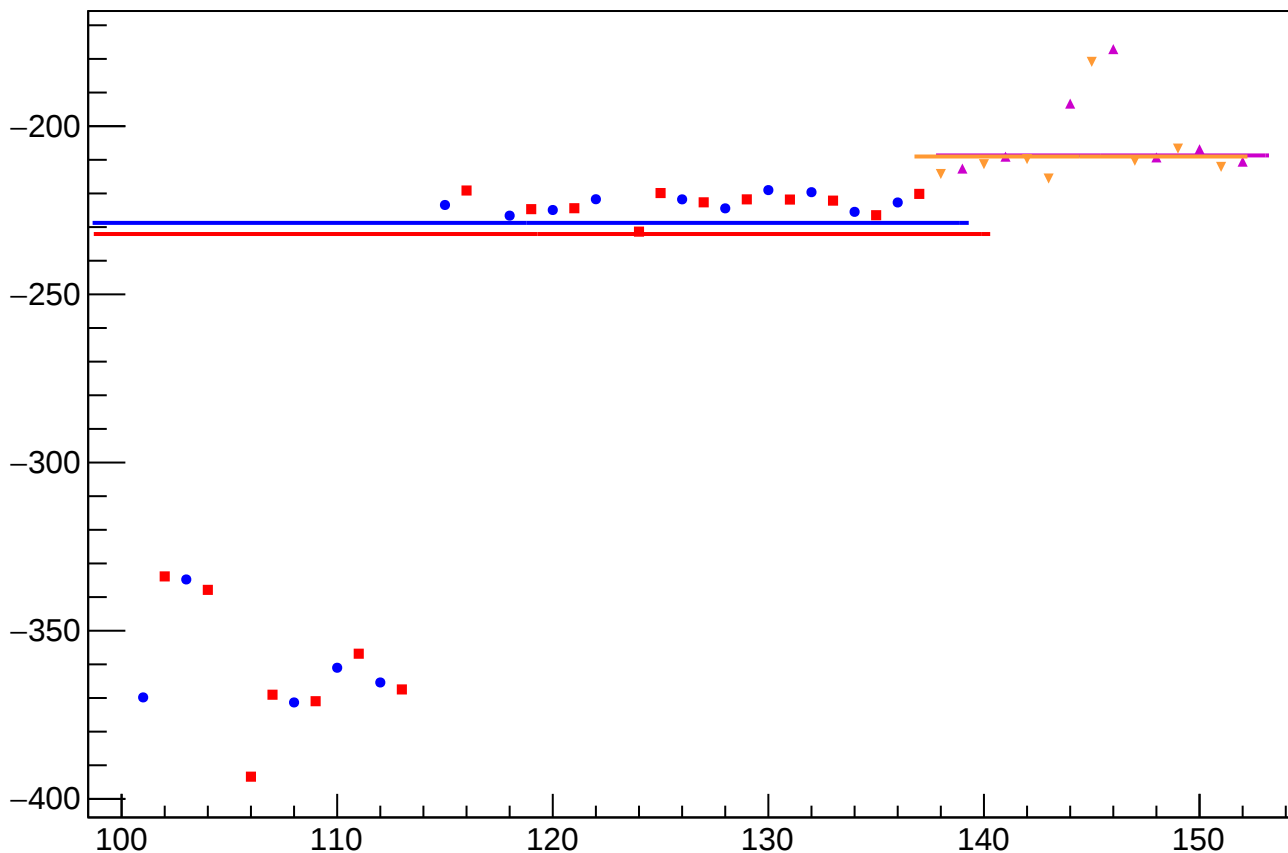
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 15.990 ± 0.010 χ^2/NDF : 48926.6/21

Out: 14.957 ± 0.010 χ^2/NDF : 134237.8/25

All: 15.486 ± 0.007 χ^2/NDF : 188167.8/47

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -209.015+/-0.024 χ^2/NDF : 71960.5/7

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -208.696+/-0.025 χ^2/NDF : 12363.0/6

Left: -208.863+/-0.017 χ^2/NDF : 84409.8/14

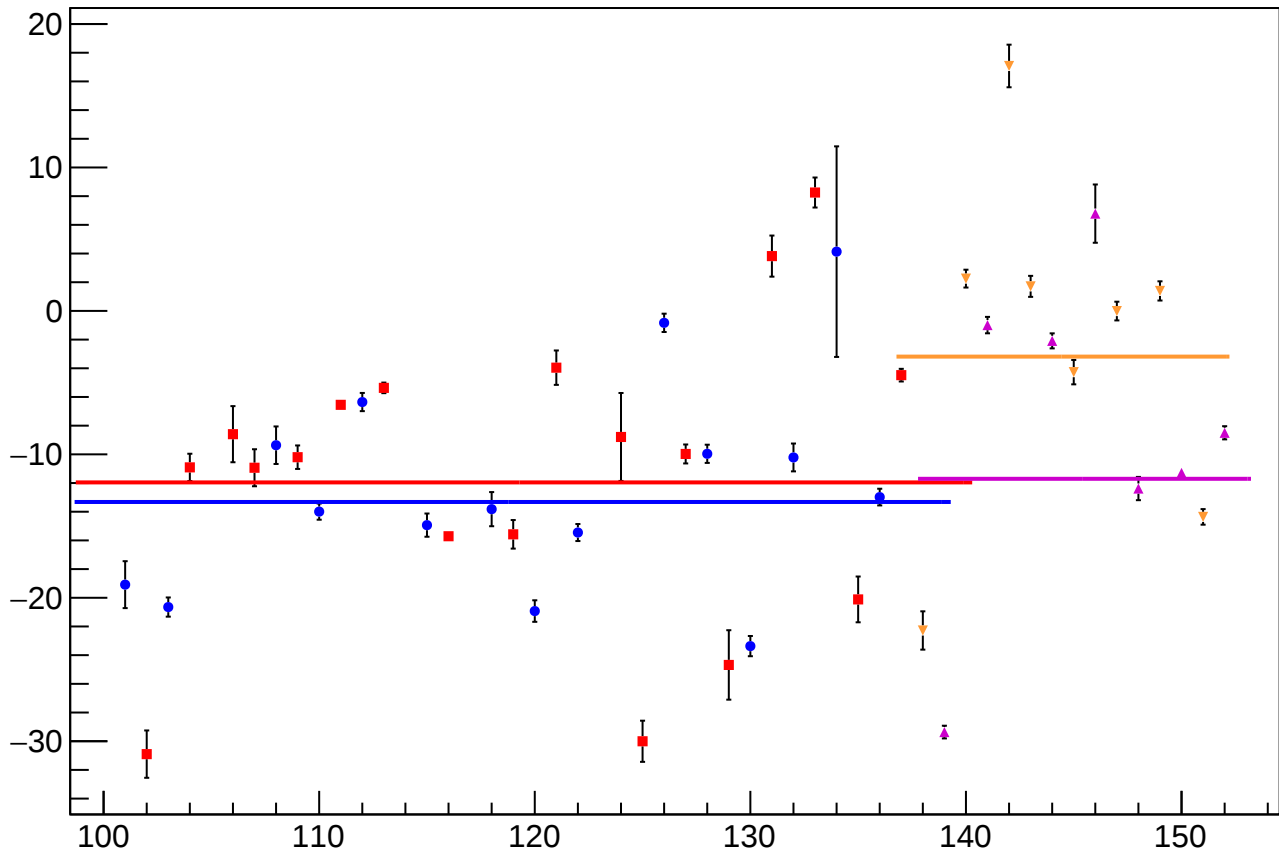
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -215.503+/-0.020 χ^2/NDF : 890744.2/21

Out: -214.715+/-0.021 χ^2/NDF : 1097772.5/25

All: -215.115+/-0.014 χ^2/NDF : 1989264.3/47

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -3.186 ± 0.260 χ^2/NDF : 1006.8/7

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -11.705 ± 0.194 χ^2/NDF : 2405.1/6

Left: -8.646 ± 0.156 χ^2/NDF : 4101.2/14

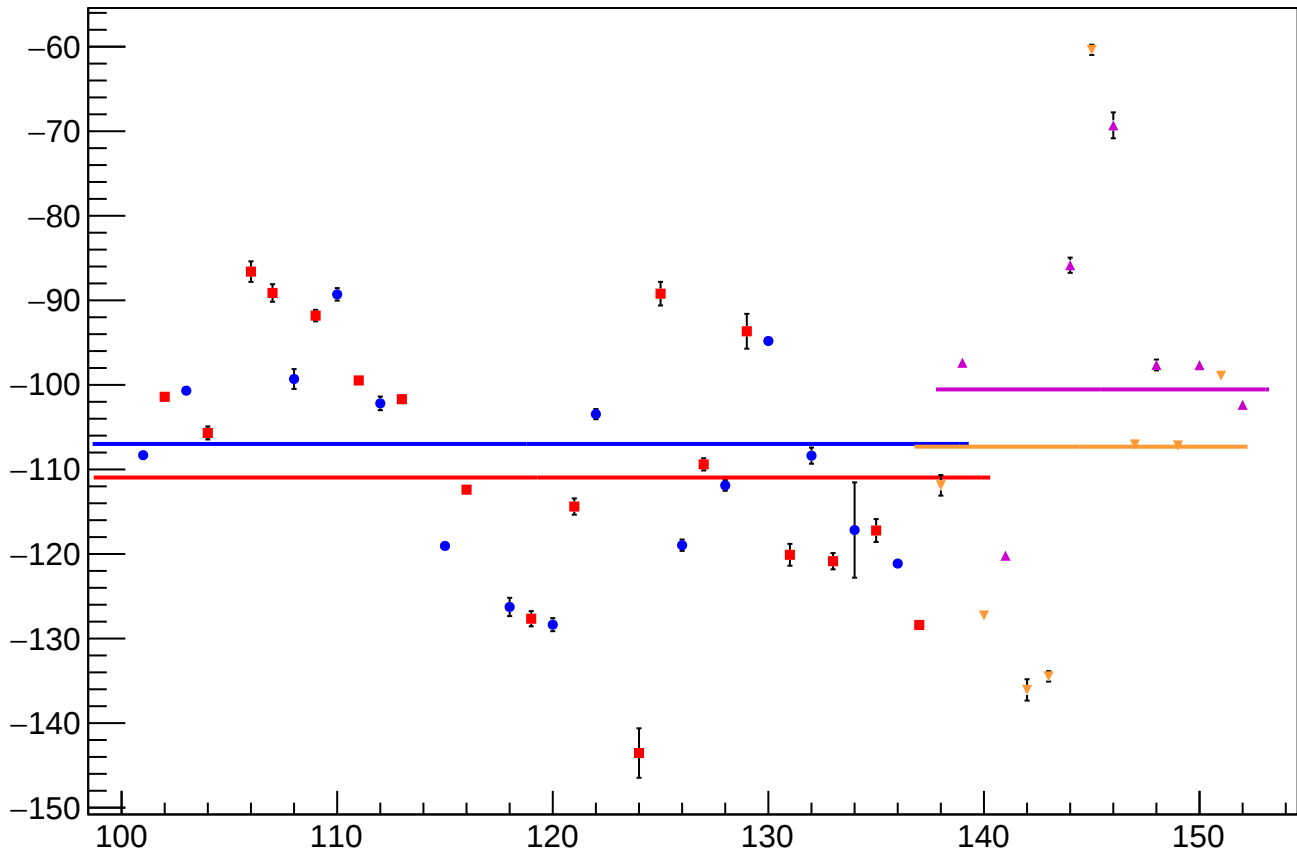
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -12.516 ± 0.137 χ^2/NDF : 3452.8/21

Out: -10.570 ± 0.103 χ^2/NDF : 4453.5/25

All: -11.274 ± 0.083 χ^2/NDF : 8034.7/47

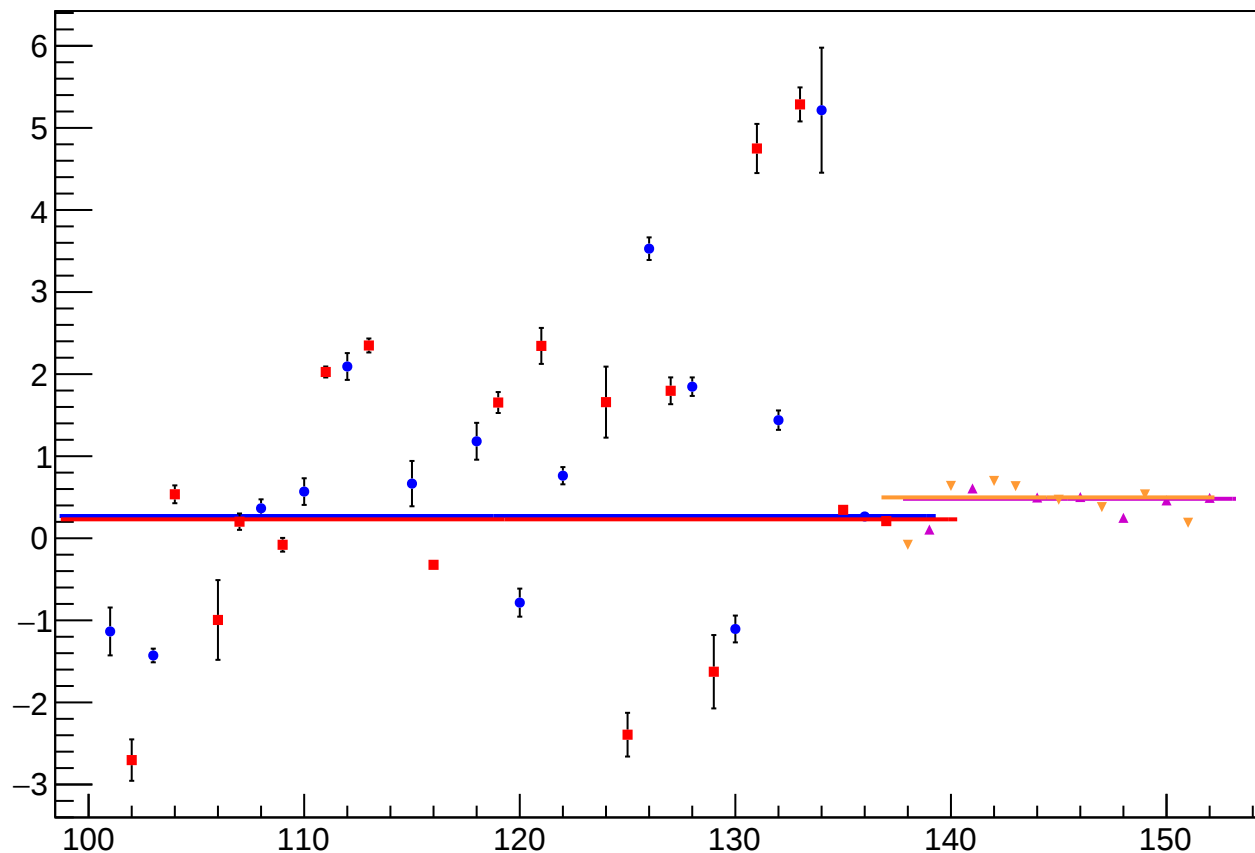
dit_sam3_4eX_slope vs Slug, Sign Corrected



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: -100.536 ± 0.164 $\chi^2/\text{NDF}: 2751.8/6$

Left: -103.166 ± 0.128 $\chi^2/\text{NDF}: 13911.6/14$
 Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$
 In: -104.986 ± 0.091 $\chi^2/\text{NDF}: 8473.4/21$
 Out: -110.751 ± 0.049 $\chi^2/\text{NDF}: 21470.4/25$
 All: -109.474 ± 0.043 $\chi^2/\text{NDF}: 33040.3/47$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271±/0.005 χ^2/NDF : 1612.2/14

Left Out: 0.498±/0.004 χ^2/NDF :1878.1/7

Right Out: 0.231±/0.004 χ^2/NDF : 2907.8/17

Left In: 0.481±/0.003 χ^2/NDF :2571.1/6

Left: 0.487±/0.002 χ^2/NDF : 4460.6/14

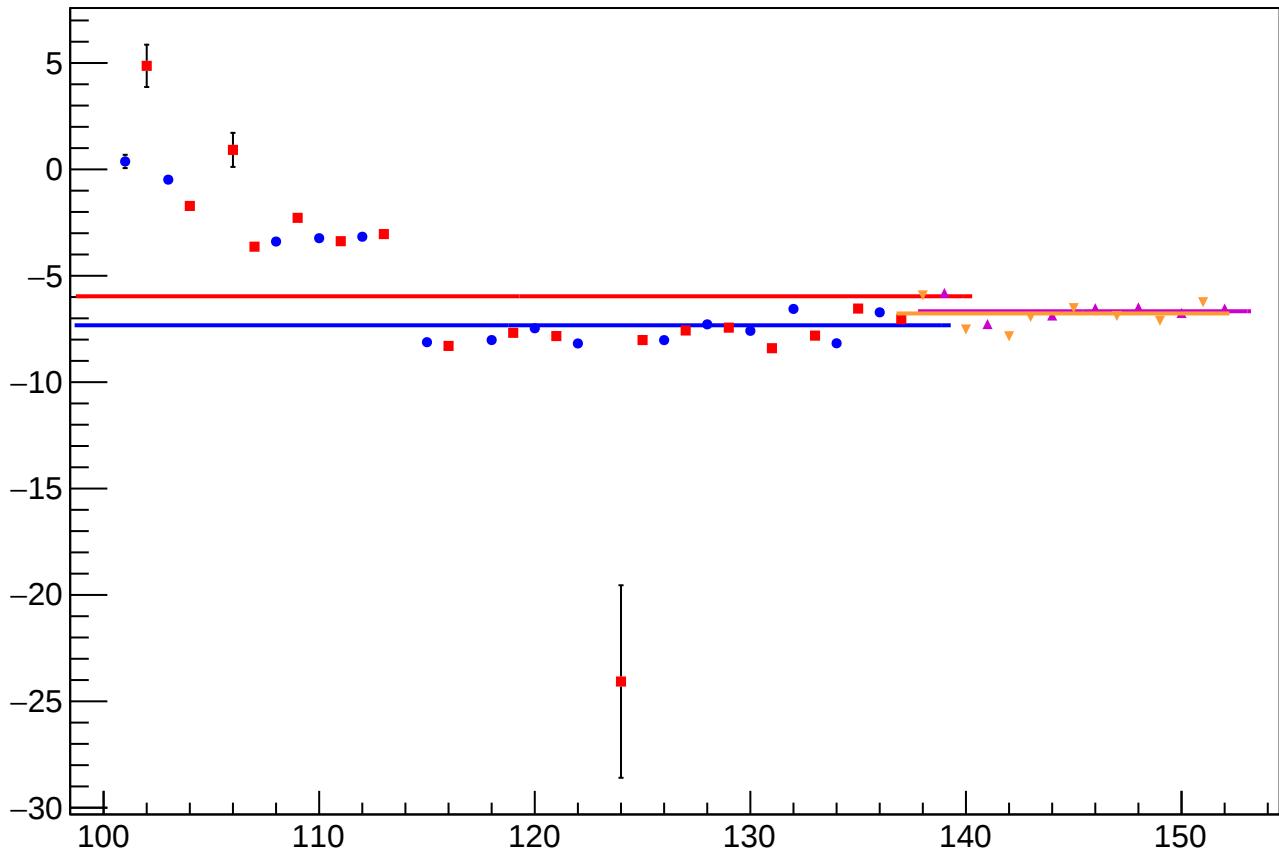
Right: 0.247±/0.003 χ^2/NDF : 4554.2/32

In: 0.434±/0.003 χ^2/NDF :5387.3/21

Out: 0.375±/0.003 χ^2/NDF :6761.6/25

All: 0.409±/0.002 χ^2/NDF : 12372.0/47

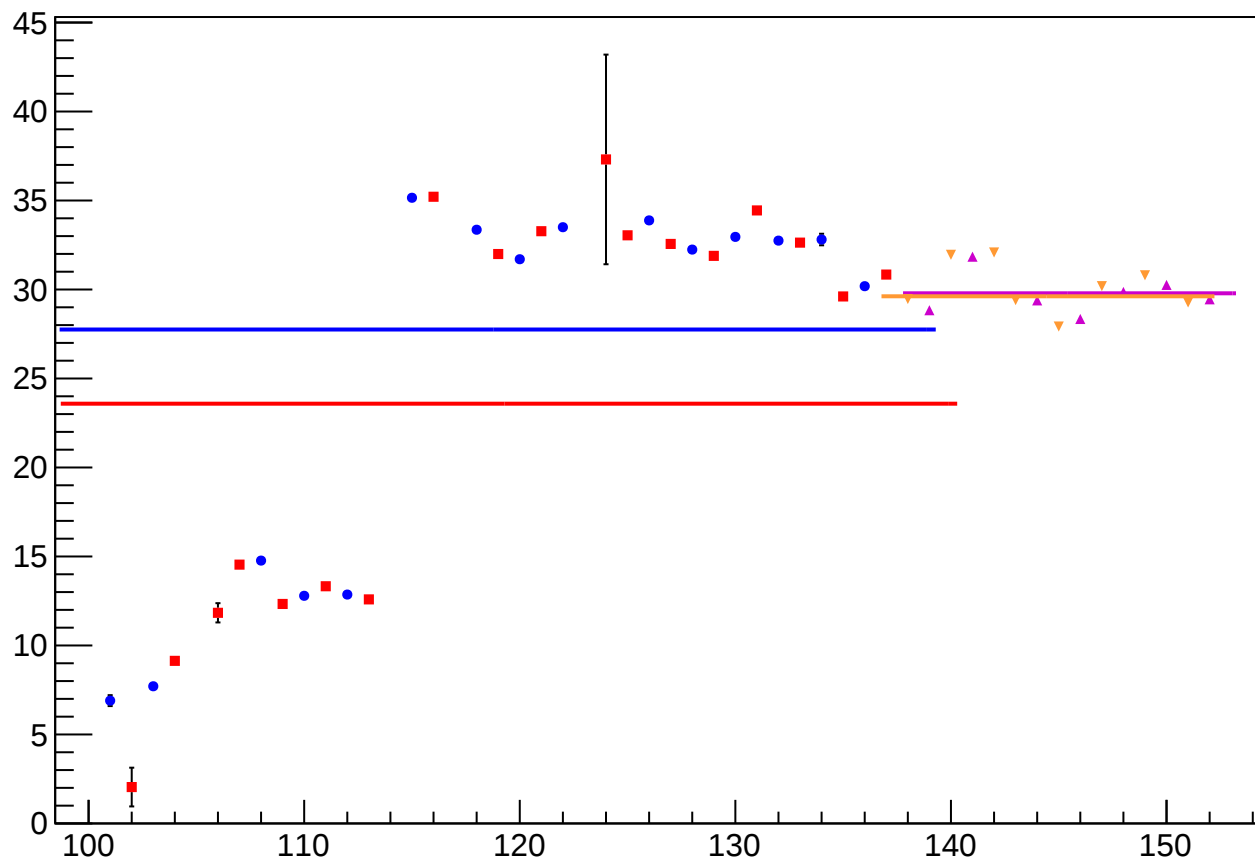
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 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: -6.667 ± 0.007 $\chi^2/\text{NDF}: 2806.2/6$

Left: -6.708 ± 0.006 $\chi^2/\text{NDF}: 5016.5/14$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.956 ± 0.006 $\chi^2/\text{NDF}: 36781.6/21$
 Out: -6.348 ± 0.006 $\chi^2/\text{NDF}: 77970.0/25$
 All: -6.693 ± 0.004 $\chi^2/\text{NDF}: 119948.0/47$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.619 $\pm$ 0.016 χ^2 /NDF: 6684.1/7

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.787 $\pm$ 0.014 χ^2 /NDF: 2036.2/6

Left: 29.713 $\pm$ 0.011 χ^2 /NDF: 8780.3/14

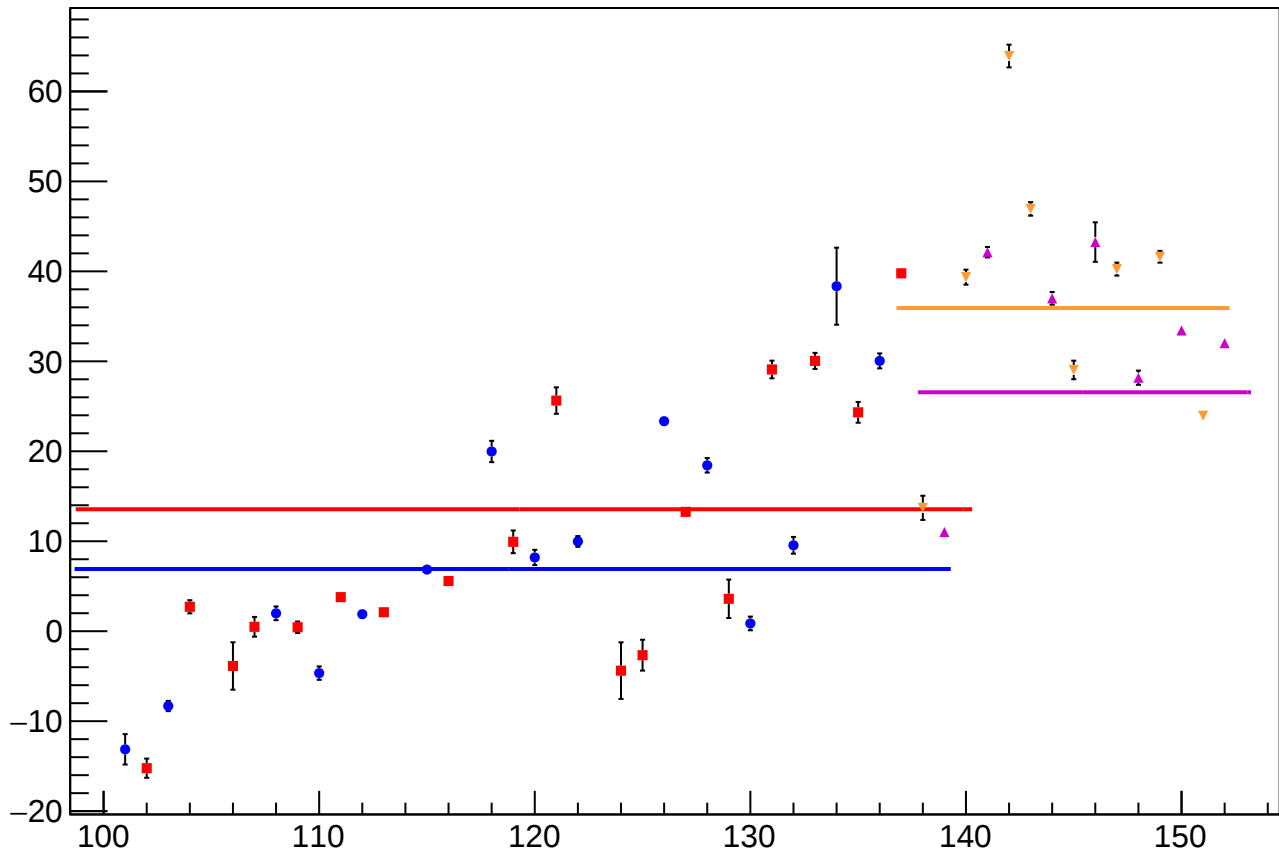
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.819 $\pm$ 0.010 χ^2 /NDF: 344558.6/21

Out: 26.099 $\pm$ 0.010 χ^2 /NDF: 626963.8/25

All: 27.472 $\pm$ 0.007 χ^2 /NDF: 1005565.3/47

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 35.919 ± 0.274 $\chi^2/\text{NDF}: 1690.3/7$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.558 ± 0.188 $\chi^2/\text{NDF}: 3820.6/6$

Left: 29.554 ± 0.155 $\chi^2/\text{NDF}: 6305.5/14$

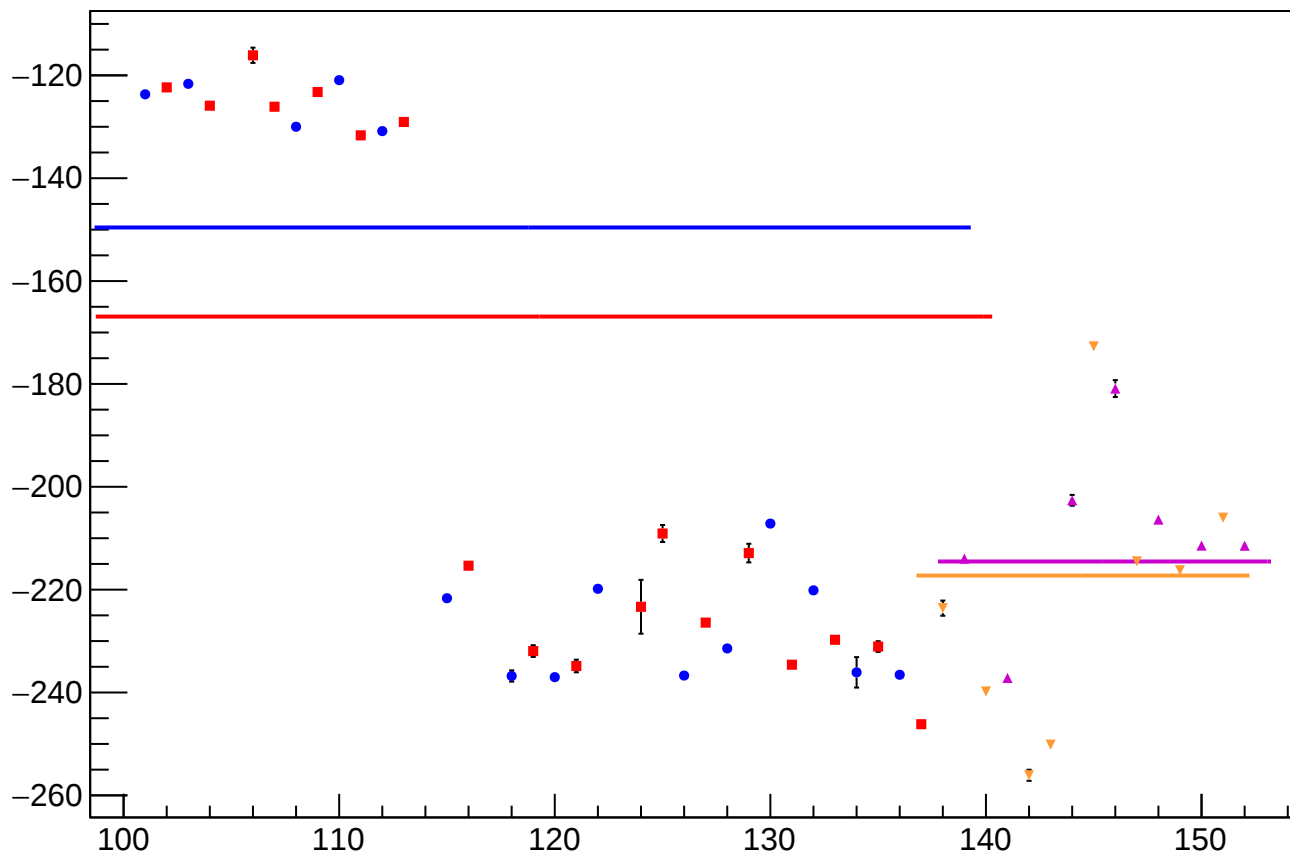
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 16.126 ± 0.129 $\chi^2/\text{NDF}: 13127.5/21$

Out: 18.458 ± 0.128 $\chi^2/\text{NDF}: 18555.4/25$

All: 17.296 ± 0.091 $\chi^2/\text{NDF}: 31847.7/47$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -217.258 ± 0.223 χ^2/NDF : 9659.5/7

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -214.526 ± 0.158 χ^2/NDF : 3385.9/6

Left: -215.435 ± 0.129 χ^2/NDF : 13145.2/14

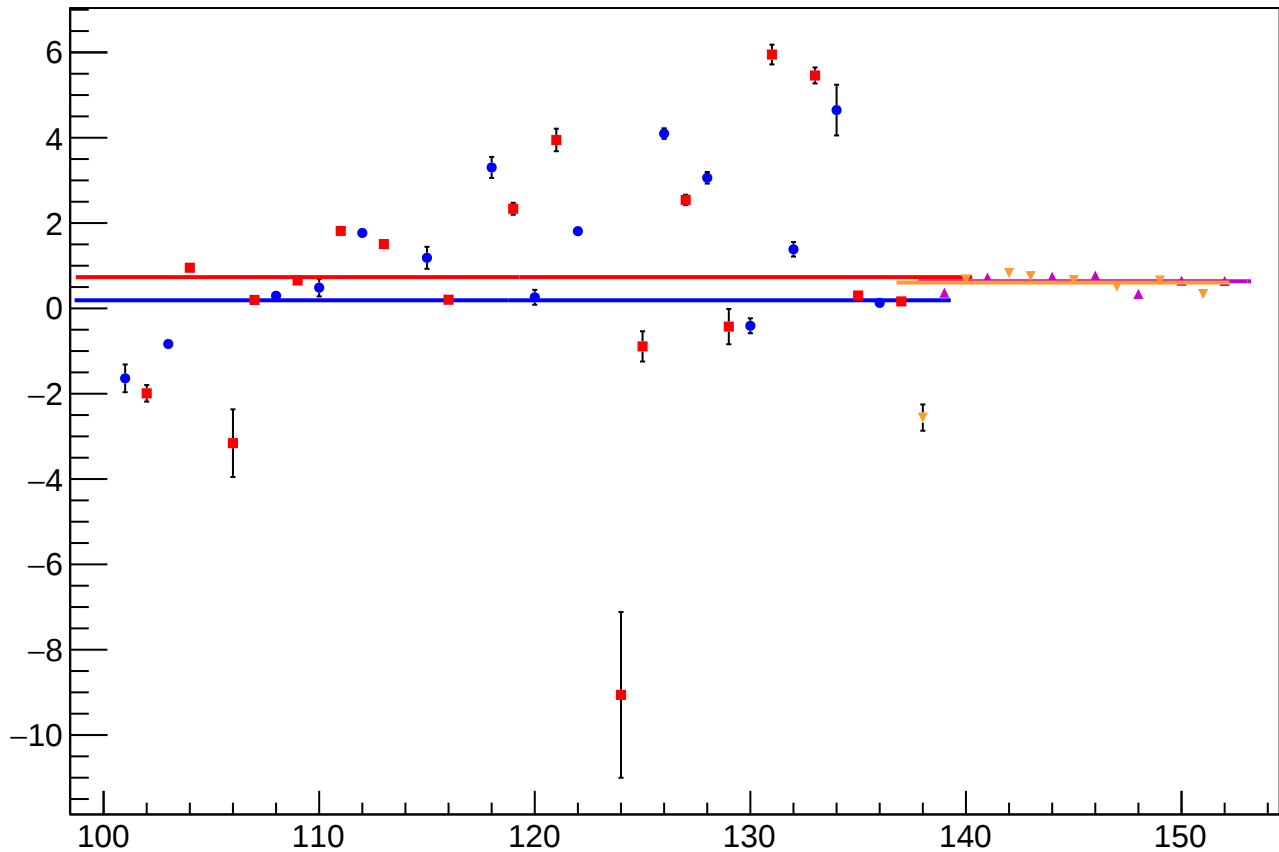
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -168.437 ± 0.085 χ^2/NDF : 318839.2/21

Out: -175.386 ± 0.092 χ^2/NDF : 347392.5/25

All: -171.647 ± 0.062 χ^2/NDF : 669320.4/47

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.606 ± 0.005 χ^2/NDF : 1083.7/7

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.636 ± 0.004 χ^2/NDF : 1026.7/6

Left: 0.625 ± 0.003 χ^2/NDF : 2135.6/14

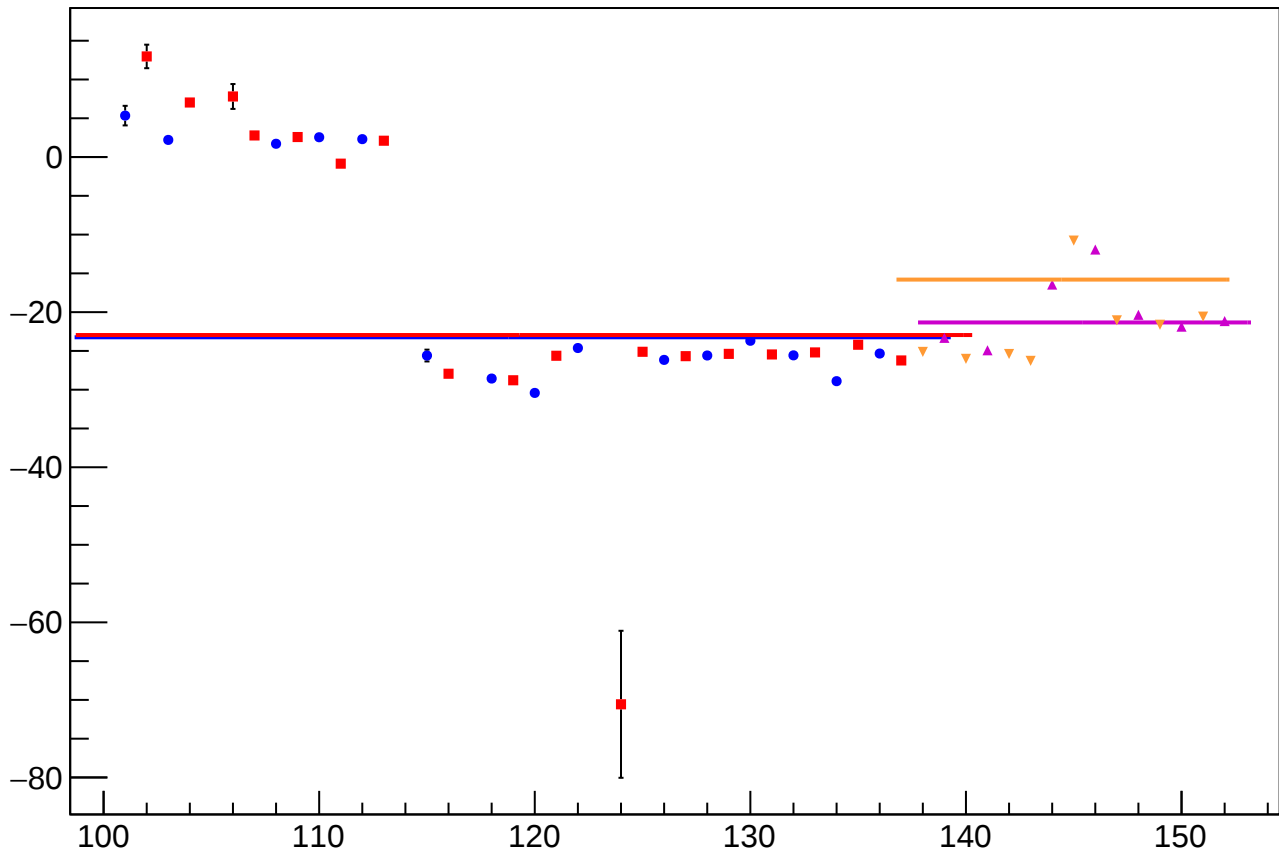
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.568 ± 0.003 χ^2/NDF : 6031.6/21

Out: 0.613 ± 0.005 χ^2/NDF : 3789.7/25

All: 0.583 ± 0.003 χ^2/NDF : 9881.3/47

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 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: -21.329 ± 0.025 χ^2/NDF : 8007.0/6

Left: -17.959 ± 0.016 χ^2/NDF : 136459.7/14

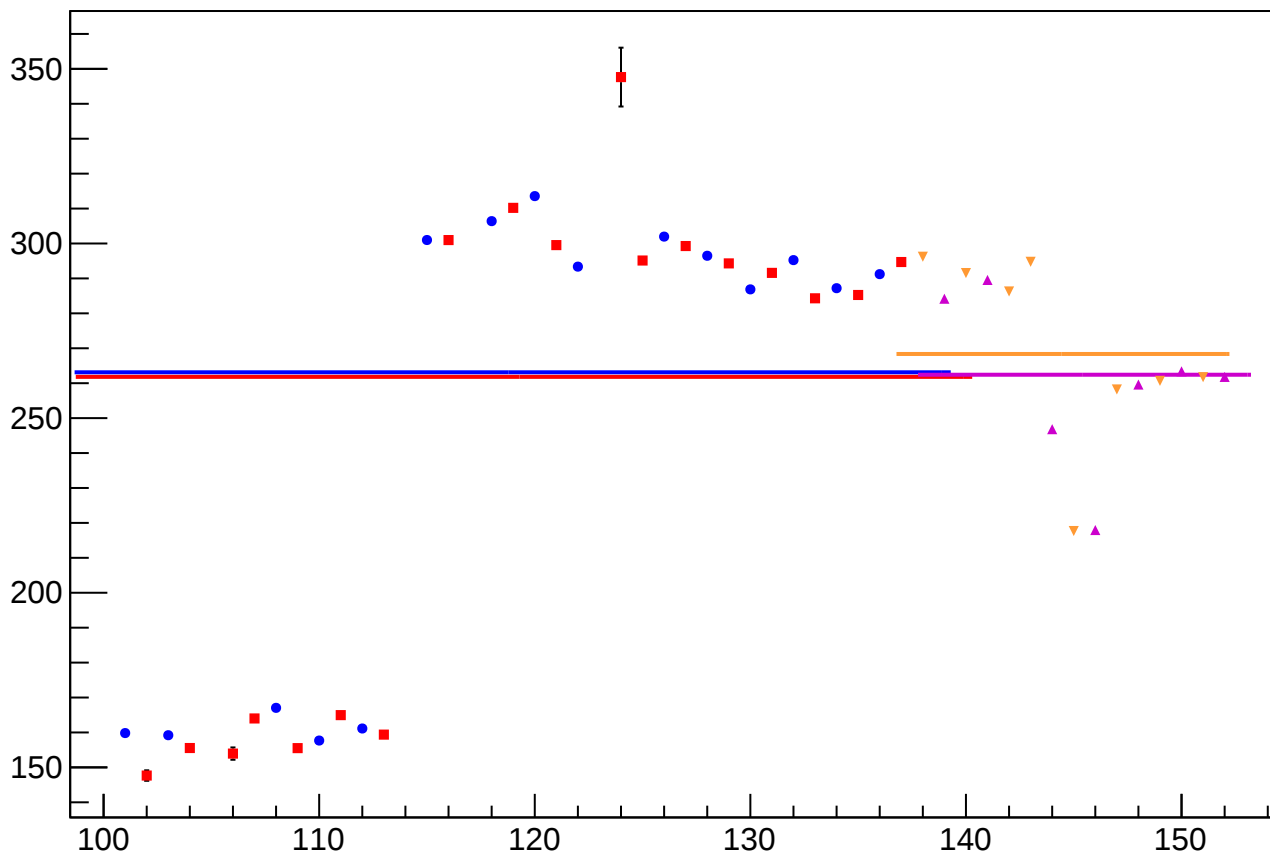
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -22.295 ± 0.018 χ^2/NDF : 114059.0/21

Out: -18.640 ± 0.016 χ^2/NDF : 257335.8/25

All: -20.243 ± 0.012 χ^2/NDF : 395592.8/47

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 268.367+/-0.057 χ^2/NDF :180675.8/7

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.422+/-0.046 χ^2/NDF :34937.9/6

Left: 264.732+/-0.036 χ^2/NDF : 222205.1/14

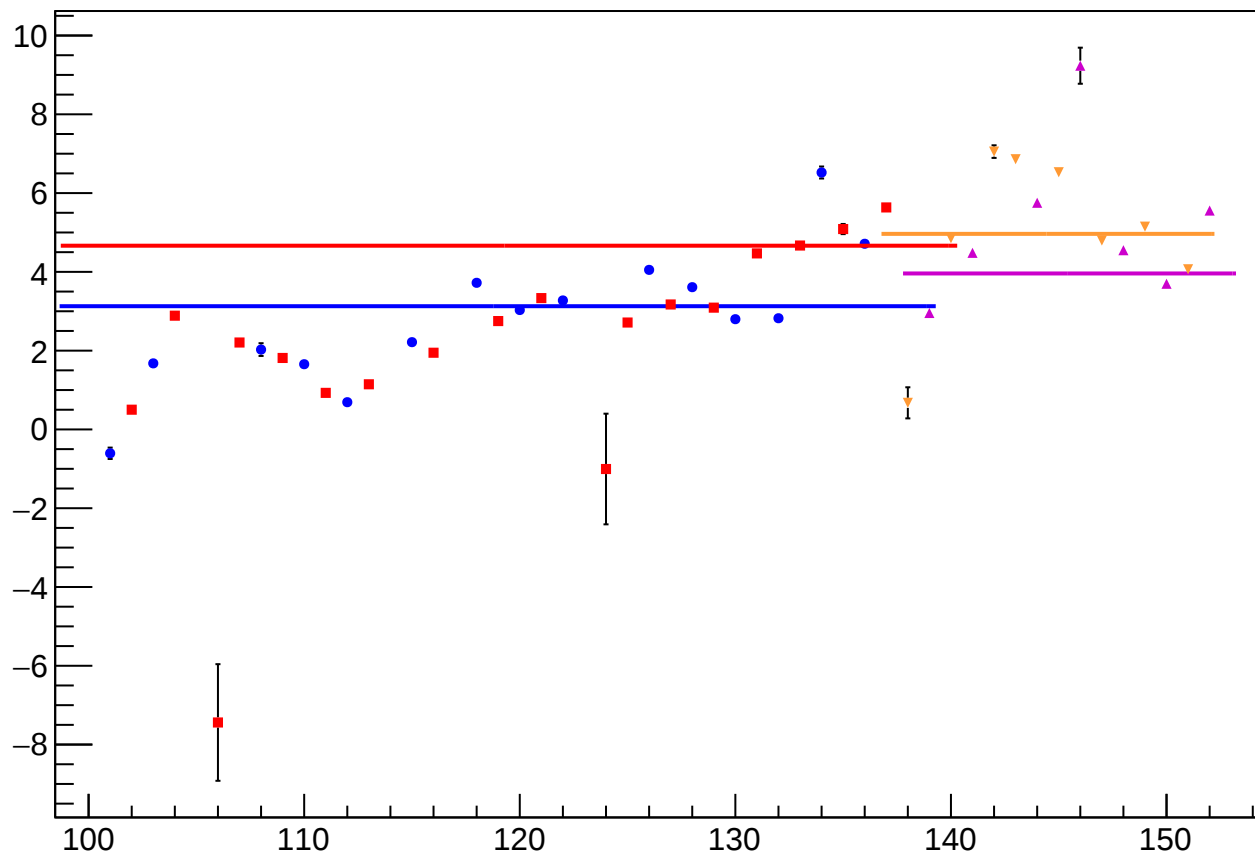
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.634+/-0.038 χ^2/NDF :727894.4/21

Out: 265.268+/-0.042 χ^2/NDF :1193060.1/25

All: 263.836+/-0.028 χ^2/NDF : 1923136.5/47

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.965 ± 0.020 $\chi^2/\text{NDF}: 1366.9/7$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 3.960 ± 0.020 $\chi^2/\text{NDF}: 2002.5/6$

Left: 4.461 ± 0.014 $\chi^2/\text{NDF}: 4669.0/14$

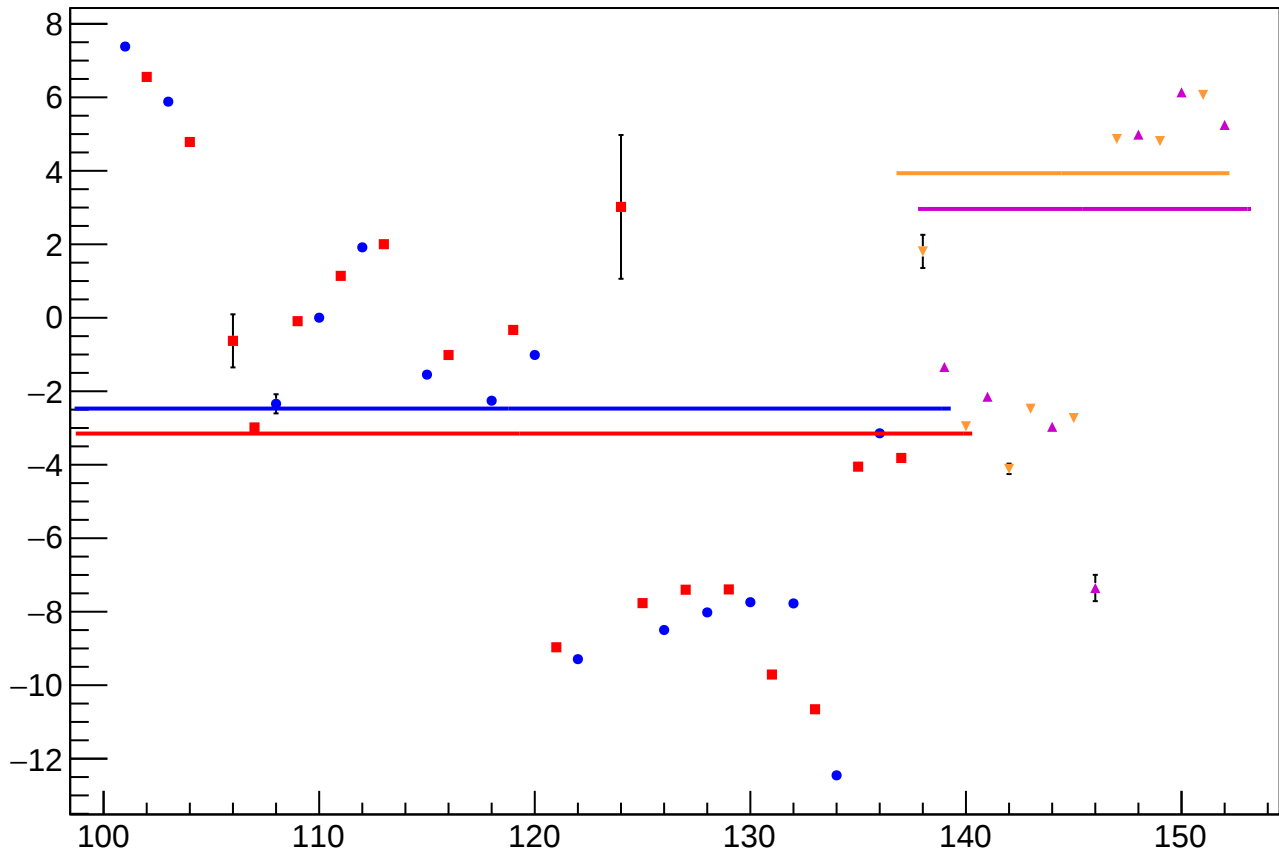
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.453 ± 0.012 $\chi^2/\text{NDF}: 8756.1/21$

Out: 4.693 ± 0.006 $\chi^2/\text{NDF}: 68439.4/25$

All: 4.452 ± 0.005 $\chi^2/\text{NDF}: 85374.4/47$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 3.935 ± 0.016 $\chi^2/\text{NDF}: 32156.1/7$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 2.962 ± 0.017 $\chi^2/\text{NDF}: 49106.3/6$

Left: 3.480 ± 0.012 $\chi^2/\text{NDF}: 82922.5/14$

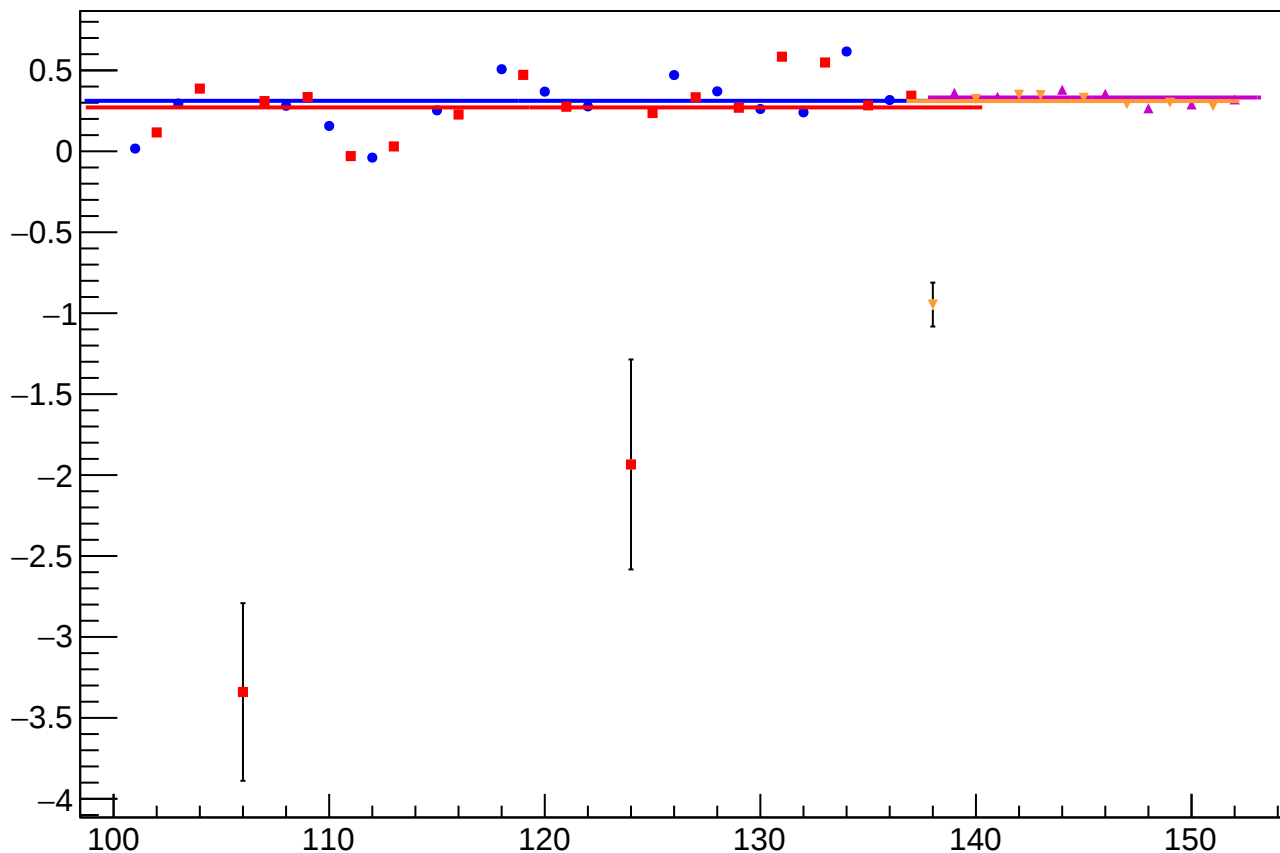
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.318 ± 0.011 $\chi^2/\text{NDF}: 350470.8/21$

Out: -1.933 ± 0.007 $\chi^2/\text{NDF}: 435734.6/25$

All: -1.488 ± 0.006 $\chi^2/\text{NDF}: 801926.4/47$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.310 ± 0.001 $\chi^2/\text{NDF}: 746.0/7$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1926.3/6$

Left: 0.322 ± 0.001 $\chi^2/\text{NDF}: 2939.5/14$

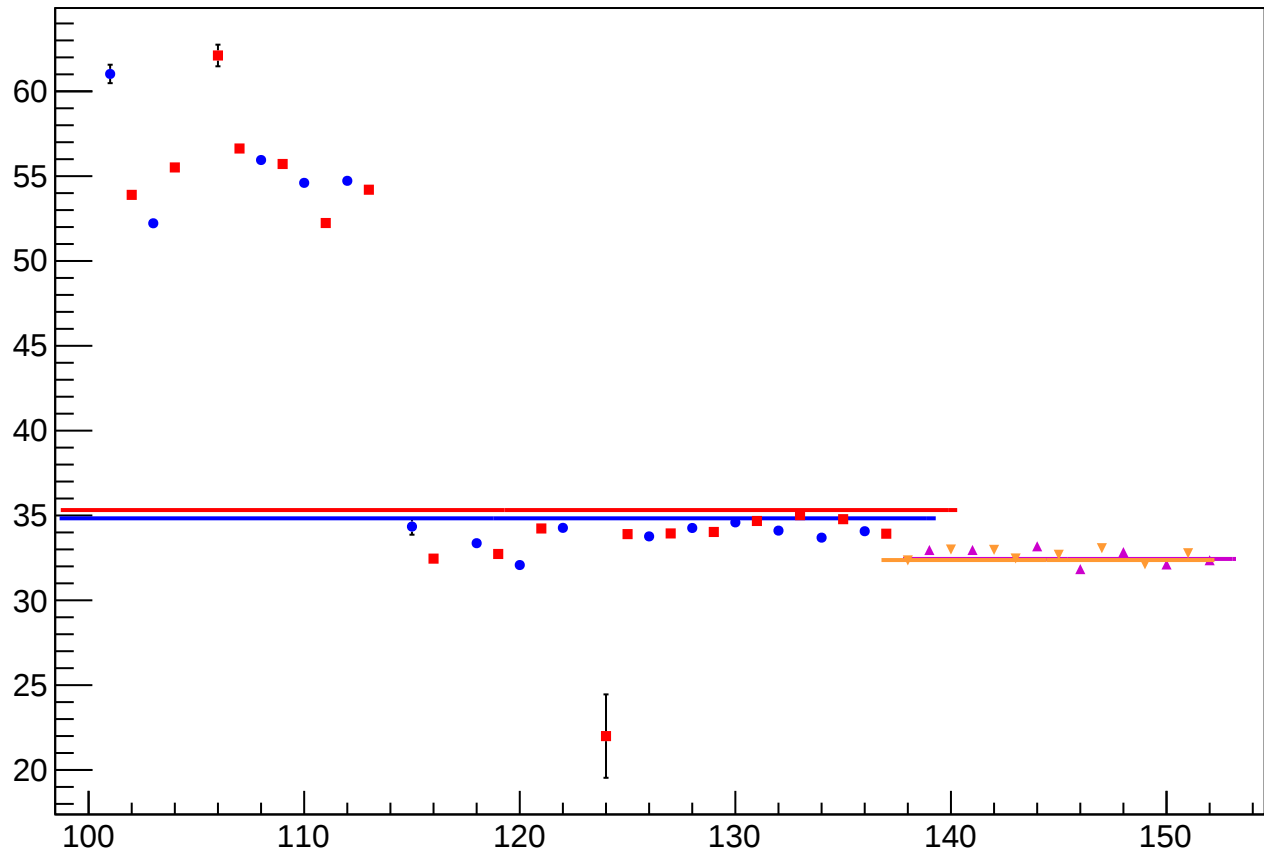
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.325 ± 0.001 $\chi^2/\text{NDF}: 3414.9/21$

Out: 0.303 ± 0.001 $\chi^2/\text{NDF}: 7169.9/25$

All: 0.316 ± 0.001 $\chi^2/\text{NDF}: 10944.7/47$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.372 $\pm$ 0.007 χ^2 /NDF: 2180.7/7

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.438 $\pm$ 0.008 χ^2 /NDF: 2647.0/6

Left: 32.400 $\pm$ 0.005 χ^2 /NDF: 4867.7/14

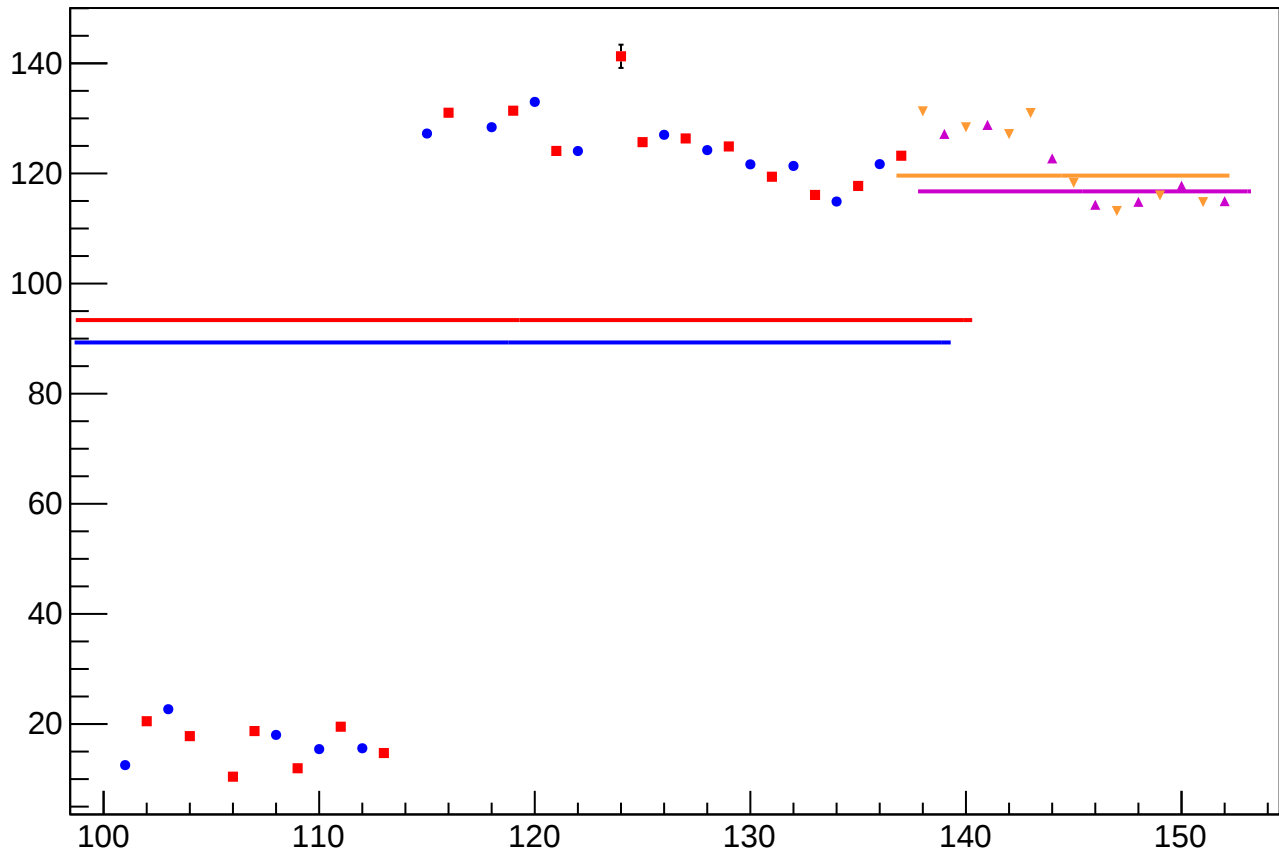
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 33.524 $\pm$ 0.006 χ^2 /NDF: 290327.5/21

Out: 33.307 $\pm$ 0.006 χ^2 /NDF: 323532.0/25

All: 33.412 $\pm$ 0.004 χ^2 /NDF: 614586.8/47

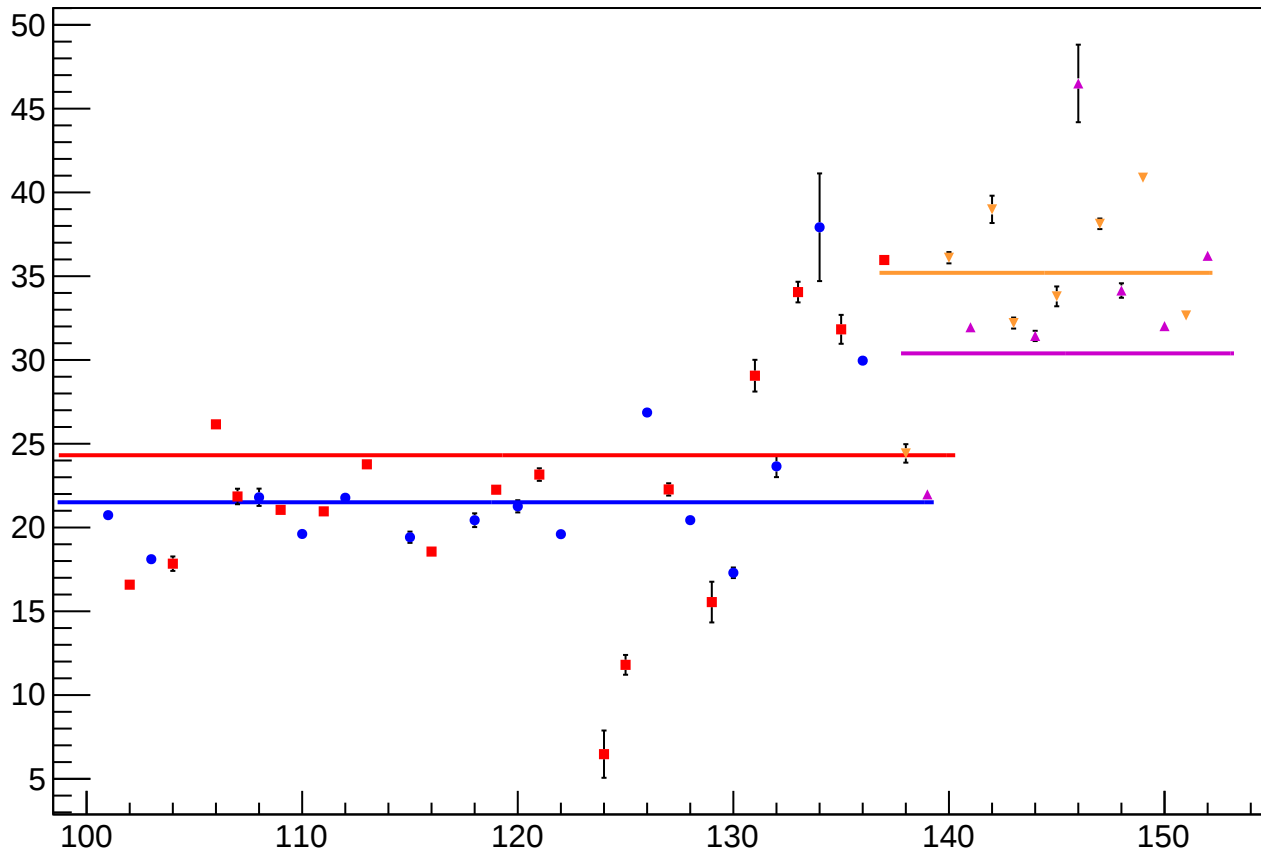
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$
 Left Out: 119.607 ± 0.021 $\chi^2/\text{NDF}: 95450.1/7$
 Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$
 Left In: 116.741 ± 0.017 $\chi^2/\text{NDF}: 38325.0/6$

Left: 117.852 ± 0.013 $\chi^2/\text{NDF}: 145022.4/14$
 Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$
 In: 109.242 ± 0.014 $\chi^2/\text{NDF}: 3799564.5/21$
 Out: 110.874 ± 0.017 $\chi^2/\text{NDF}: 3460358.7/25$
 All: 109.908 ± 0.011 $\chi^2/\text{NDF}: 7265208.8/47$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 35.201 $\pm$ 0.126 χ^2/NDF :1052.7/7

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 30.393 $\pm$ 0.100 χ^2/NDF :2401.2/6

Left: 32.241 $\pm$ 0.078 χ^2/NDF : 4348.9/14

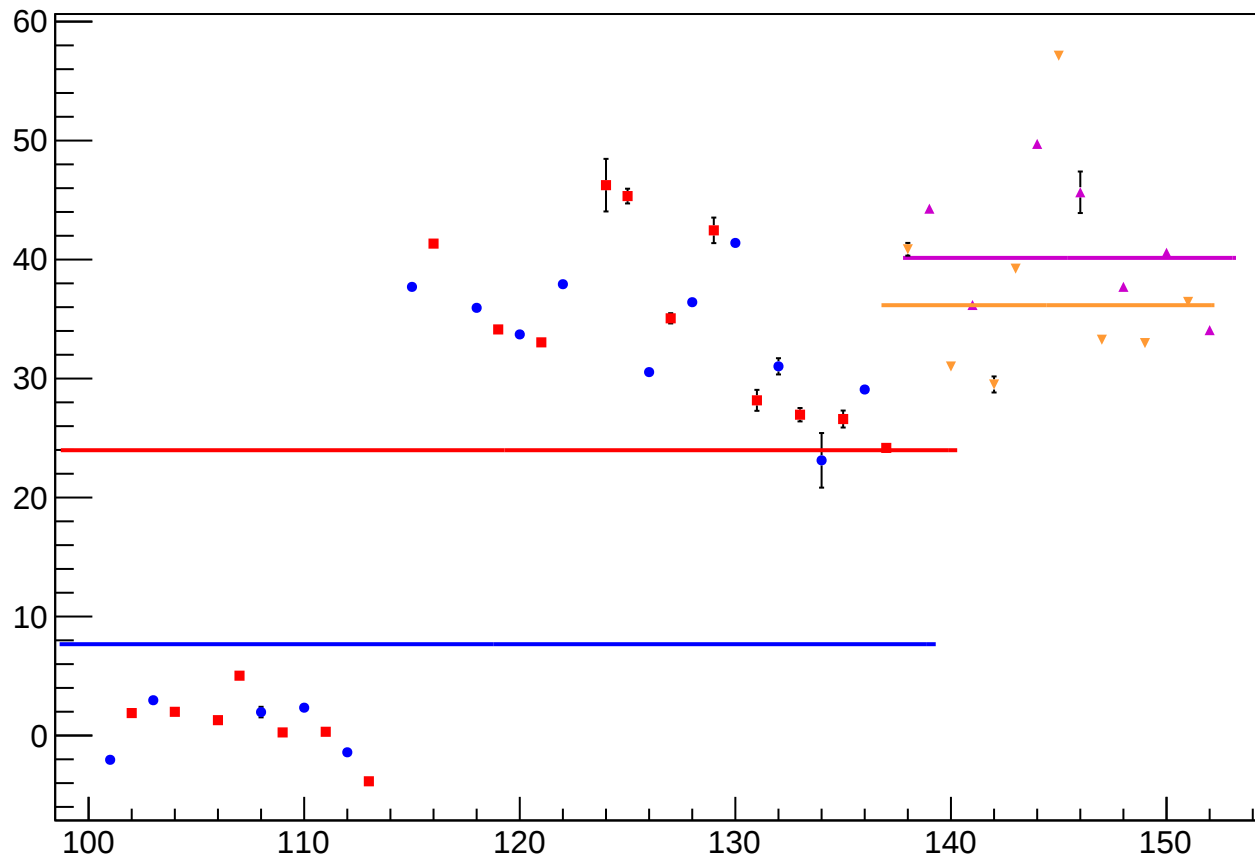
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 24.574 $\pm$ 0.059 χ^2/NDF :10574.4/21

Out: 26.240 $\pm$ 0.053 χ^2/NDF :21482.2/25

All: 25.489 $\pm$ 0.039 χ^2/NDF : 32501.6/47

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 36.165 ± 0.104 $\chi^2/\text{NDF}: 3379.2/7$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.141 ± 0.083 $\chi^2/\text{NDF}: 2345.7/6$

Left: 38.605 ± 0.065 $\chi^2/\text{NDF}: 6616.7/14$

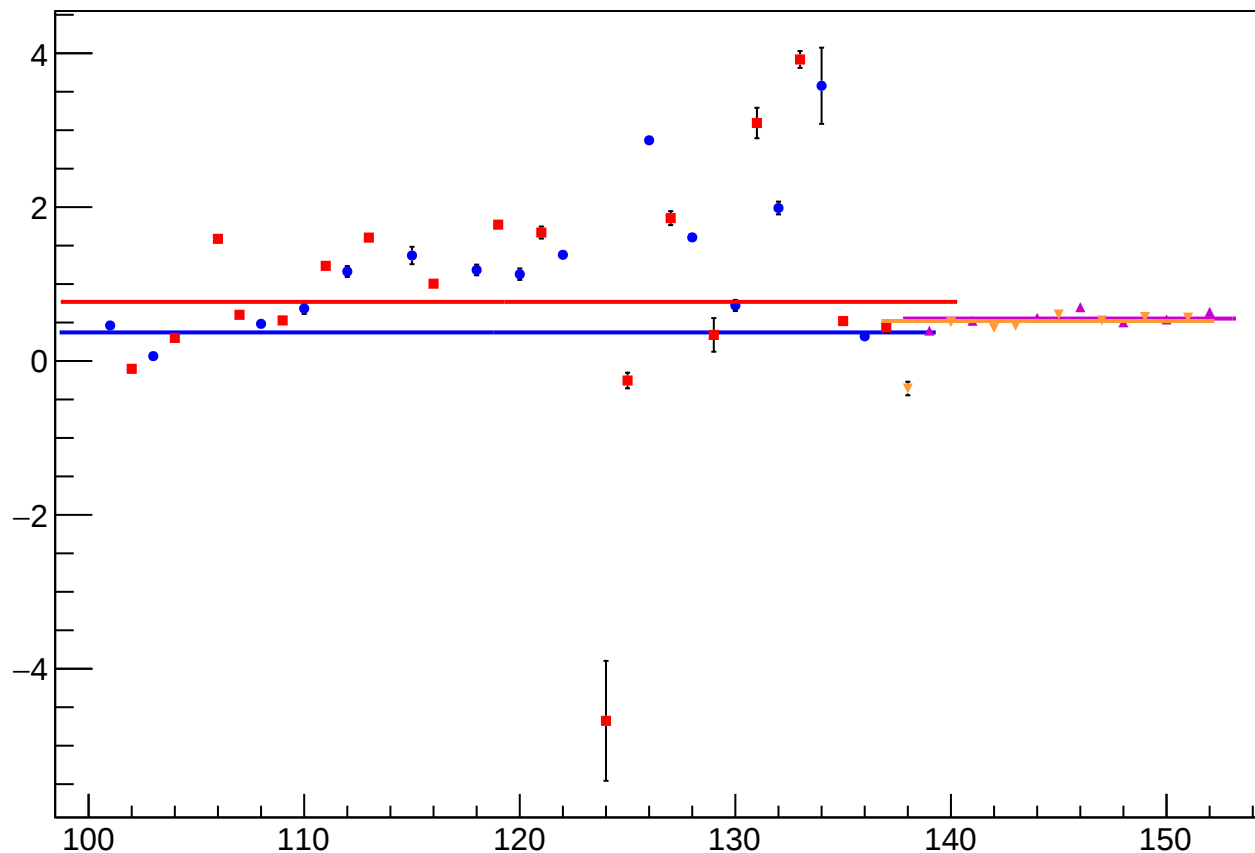
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 15.146 ± 0.040 $\chi^2/\text{NDF}: 217325.7/21$

Out: 24.052 ± 0.008 $\chi^2/\text{NDF}: 127518.3/25$

All: 23.691 ± 0.008 $\chi^2/\text{NDF}: 393150.8/47$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.520 $\pm$ 0.002 χ^2/NDF : 687.5/7

Right Out: 0.769 $\pm$ 0.007 χ^2/NDF : 4137.5/17

Left In: 0.552 $\pm$ 0.002 χ^2/NDF : 1884.3/6

Left: 0.537 $\pm$ 0.001 χ^2/NDF : 2718.7/14

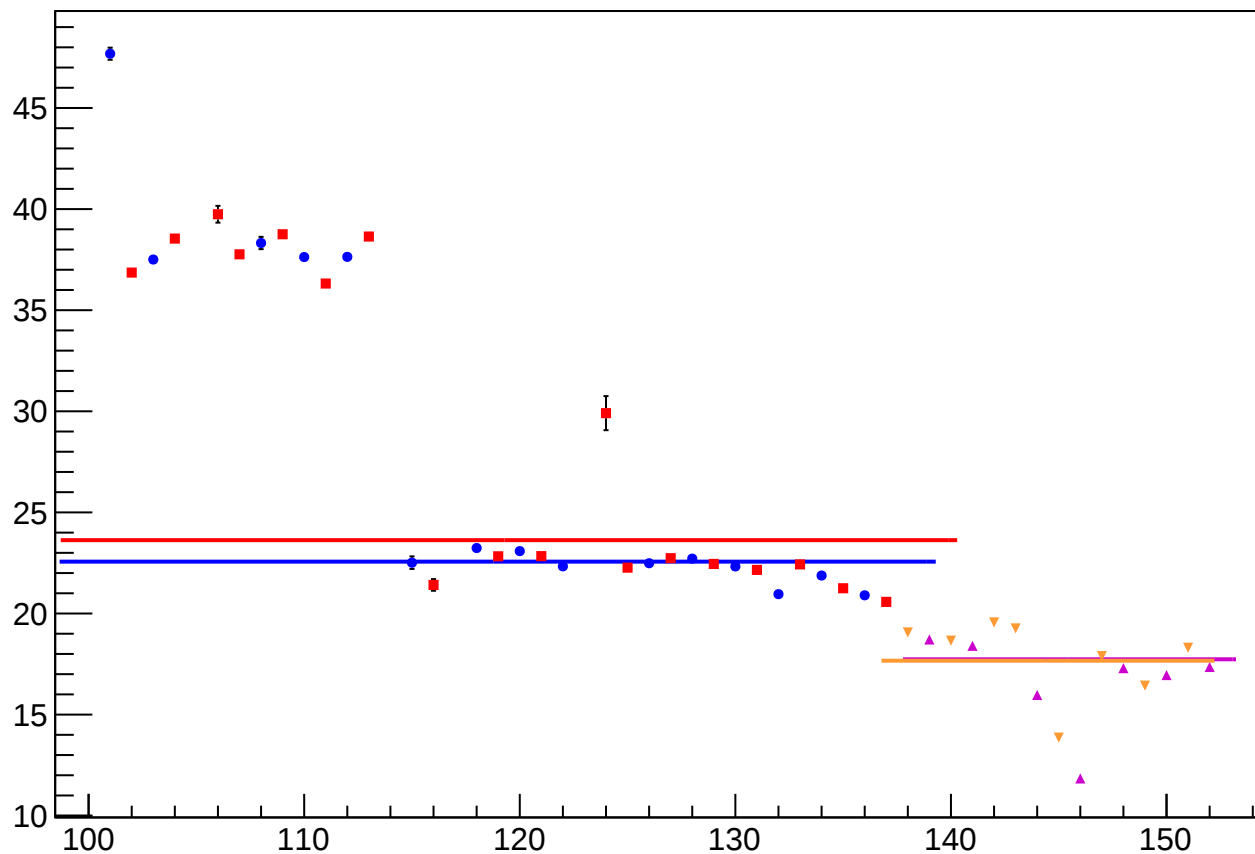
Right: 0.484 $\pm$ 0.004 χ^2/NDF : 11237.9/32

In: 0.527 $\pm$ 0.002 χ^2/NDF : 8103.8/21

Out: 0.538 $\pm$ 0.002 χ^2/NDF : 6018.3/25

All: 0.532 $\pm$ 0.001 χ^2/NDF : 14142.4/47

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.666 $\pm$ 0.010 χ^2 /NDF: 38880.5/7

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.735 $\pm$ 0.014 χ^2 /NDF: 5746.5/6

Left: 17.690 $\pm$ 0.008 χ^2 /NDF: 44644.2/14

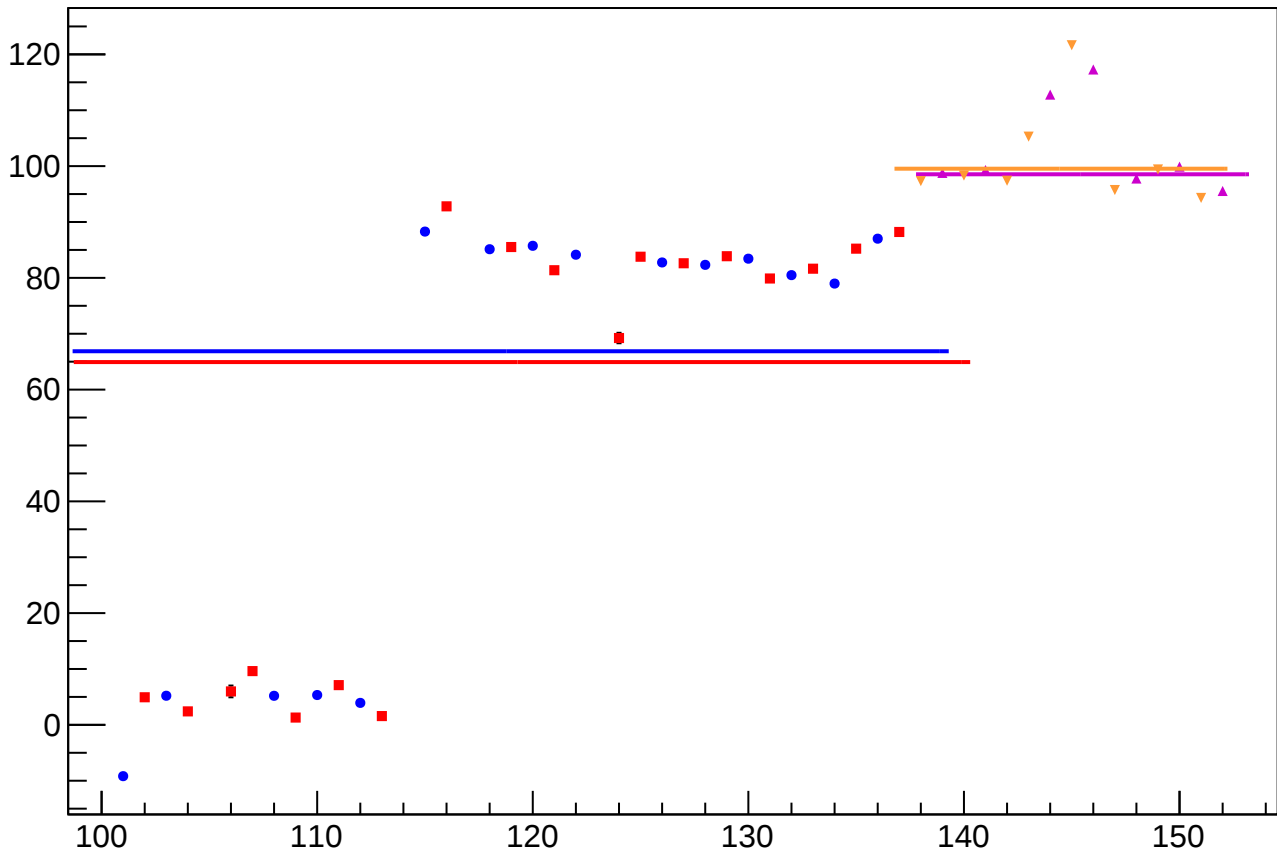
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 20.840 $\pm$ 0.008 χ^2 /NDF: 179088.8/21

Out: 20.242 $\pm$ 0.007 χ^2 /NDF: 322319.5/25

All: 20.511 $\pm$ 0.005 χ^2 /NDF: 504366.3/47

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-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: 98.538+/-0.019 χ^2/NDF : 13498.4/6

Left: 99.071+/-0.013 χ^2/NDF : 83232.7/14

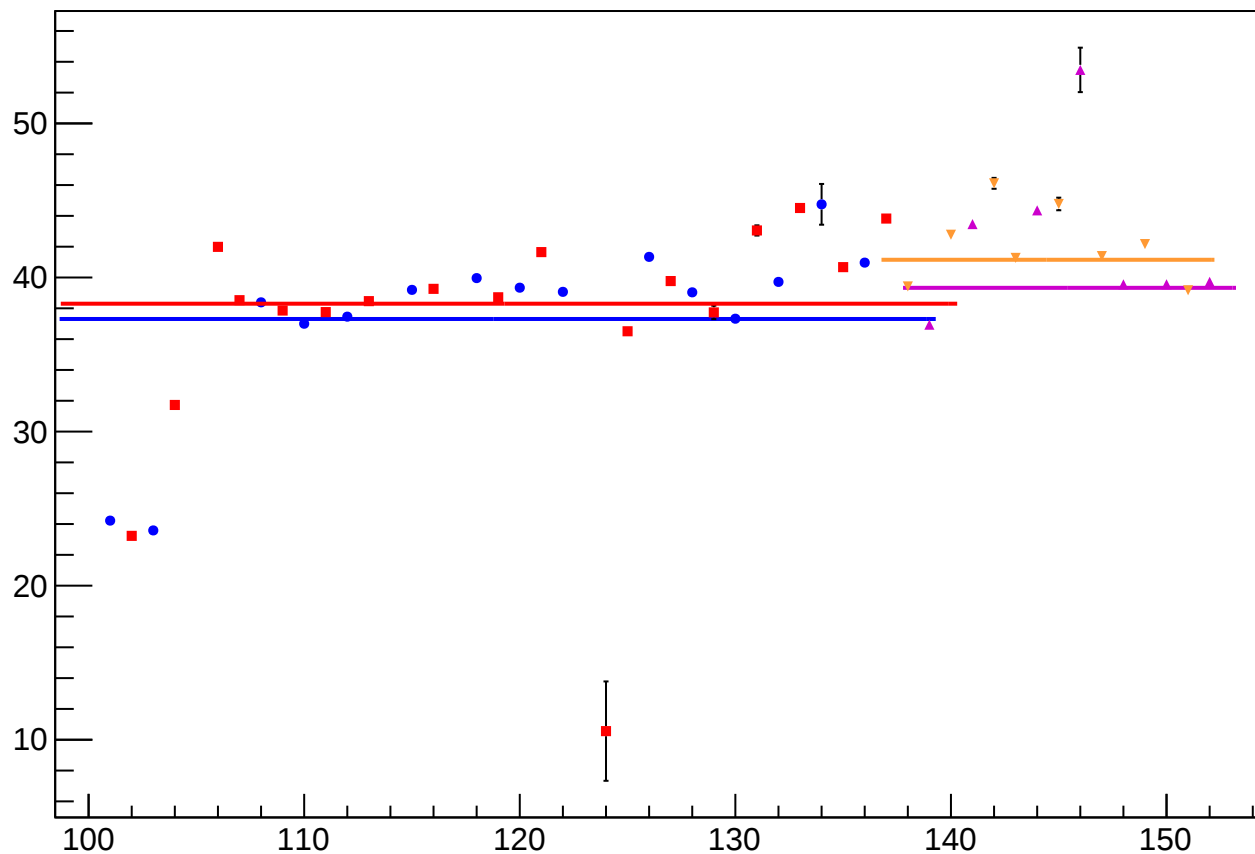
Right: 65.988+/-0.020 χ^2/NDF : 283116.5/32

In: 88.375+/-0.015 χ^2/NDF : 2438011.9/21

Out: 90.703+/-0.015 χ^2/NDF : 2412150.6/25

All: 89.563+/-0.011 χ^2/NDF : 4861934.6/47

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.151 ± 0.052 $\chi^2/\text{NDF}: 884.1/7$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.329 ± 0.038 $\chi^2/\text{NDF}: 3075.8/6$

Left: 39.981 ± 0.031 $\chi^2/\text{NDF}: 4762.7/14$

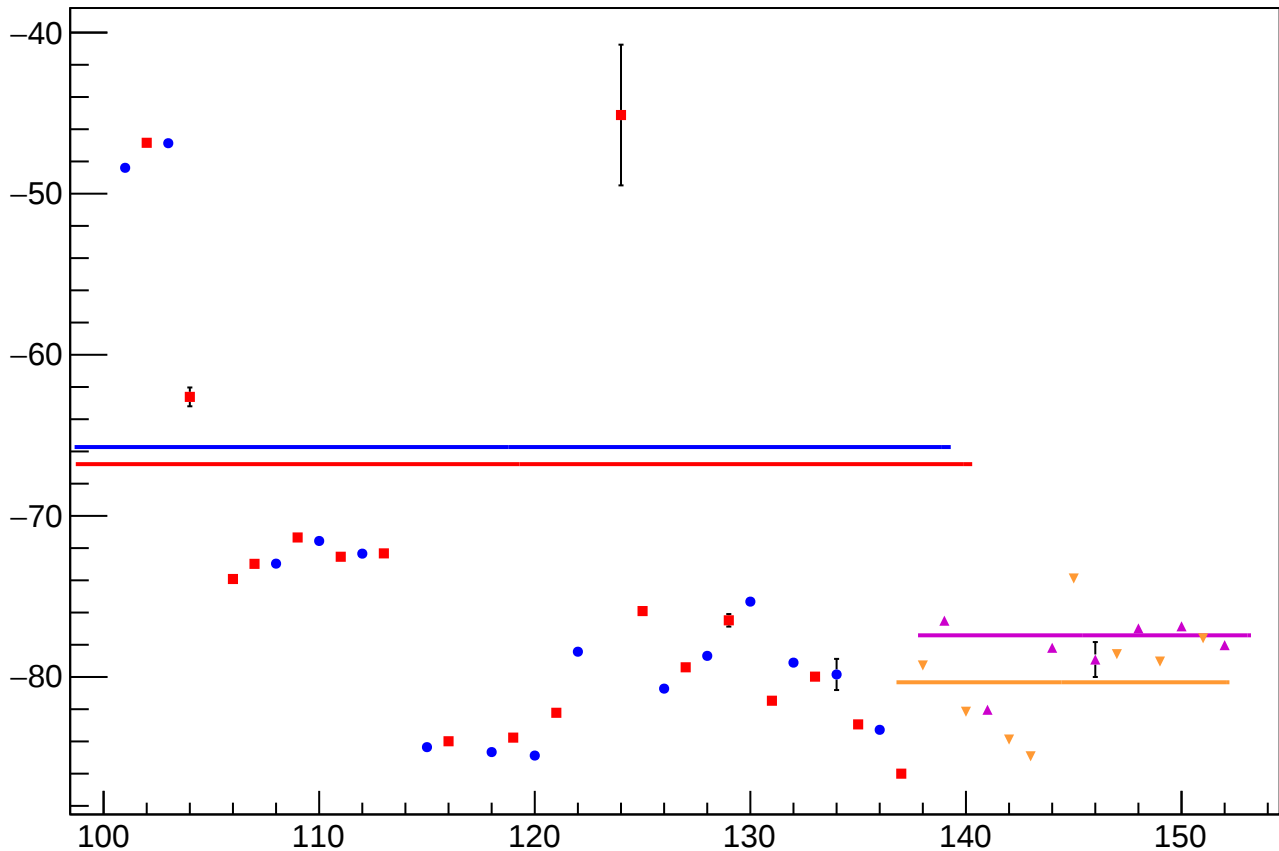
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.843 ± 0.020 $\chi^2/\text{NDF}: 64688.3/21$

Out: 38.690 ± 0.019 $\chi^2/\text{NDF}: 22367.7/25$

All: 38.283 ± 0.014 $\chi^2/\text{NDF}: 88005.5/47$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -80.328 ± 0.044 $\chi^2/\text{NDF}: 4412.4/7$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.414 ± 0.030 $\chi^2/\text{NDF}: 2260.8/6$

Left: -78.342 ± 0.025 $\chi^2/\text{NDF}: 9617.3/14$

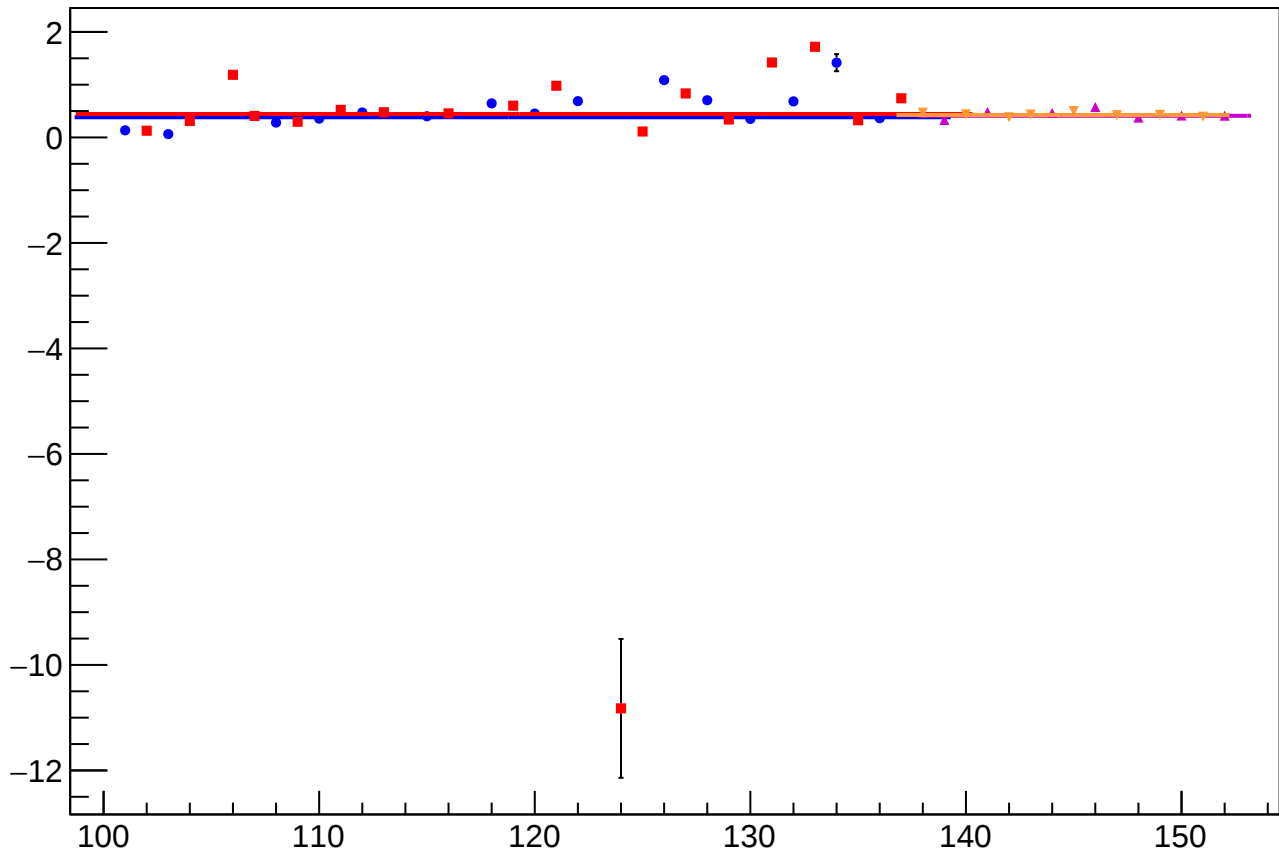
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.487 ± 0.015 $\chi^2/\text{NDF}: 1018873.2/21$

Out: -68.314 ± 0.015 $\chi^2/\text{NDF}: 896481.9/25$

All: -68.401 ± 0.010 $\chi^2/\text{NDF}: 1915422.6/47$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.426 $\pm$ 0.001 χ^2 /NDF:238.1/7

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.411 $\pm$ 0.001 χ^2 /NDF:2090.4/6

Left: 0.417 $\pm$ 0.001 χ^2 /NDF: 2469.8/14

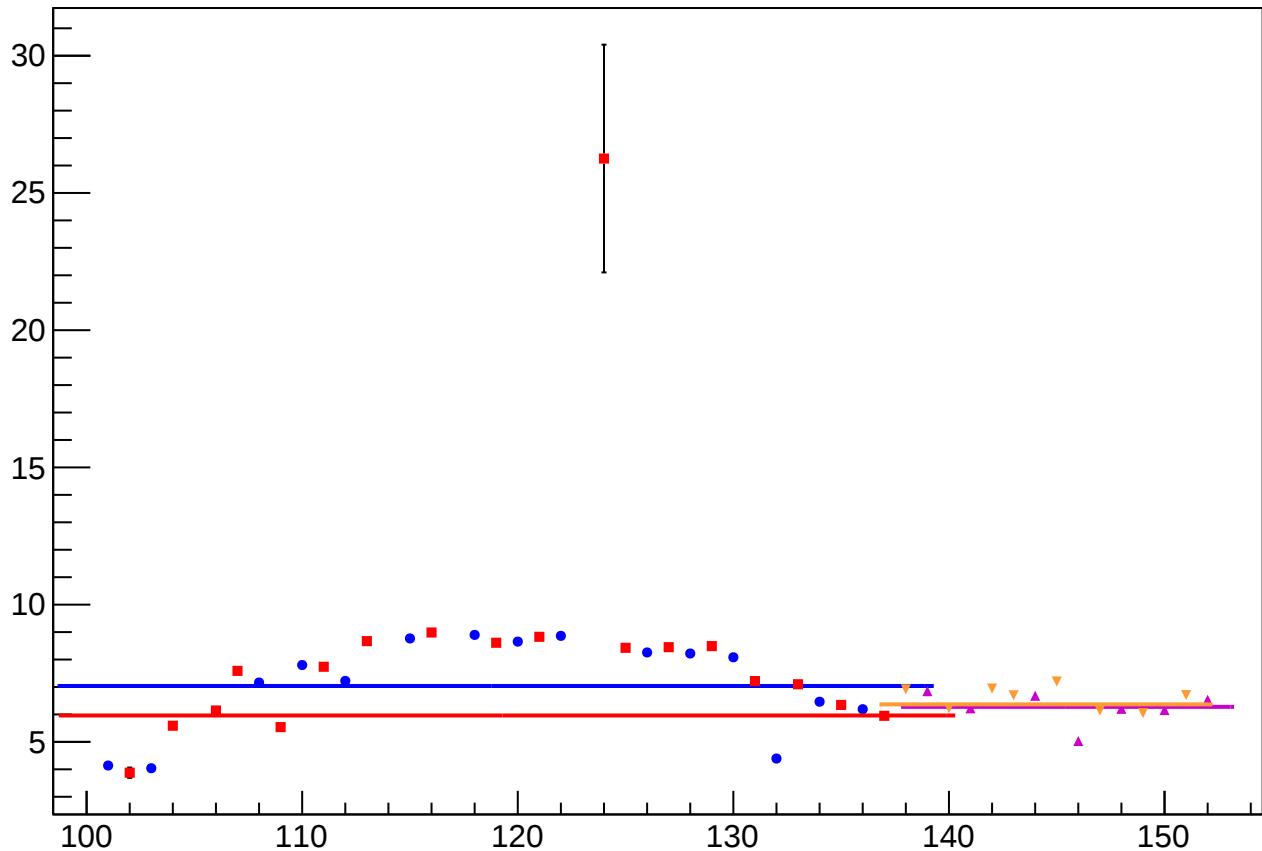
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.406 $\pm$ 0.001 χ^2 /NDF:10448.4/21

Out: 0.427 $\pm$ 0.001 χ^2 /NDF:3048.1/25

All: 0.414 $\pm$ 0.001 χ^2 /NDF: 13800.0/47

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.366 ± 0.003 χ^2/NDF : 13487.1/7

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.276 ± 0.003 χ^2/NDF : 7649.0/6

Left: 6.315 ± 0.002 χ^2/NDF : 21656.7/14

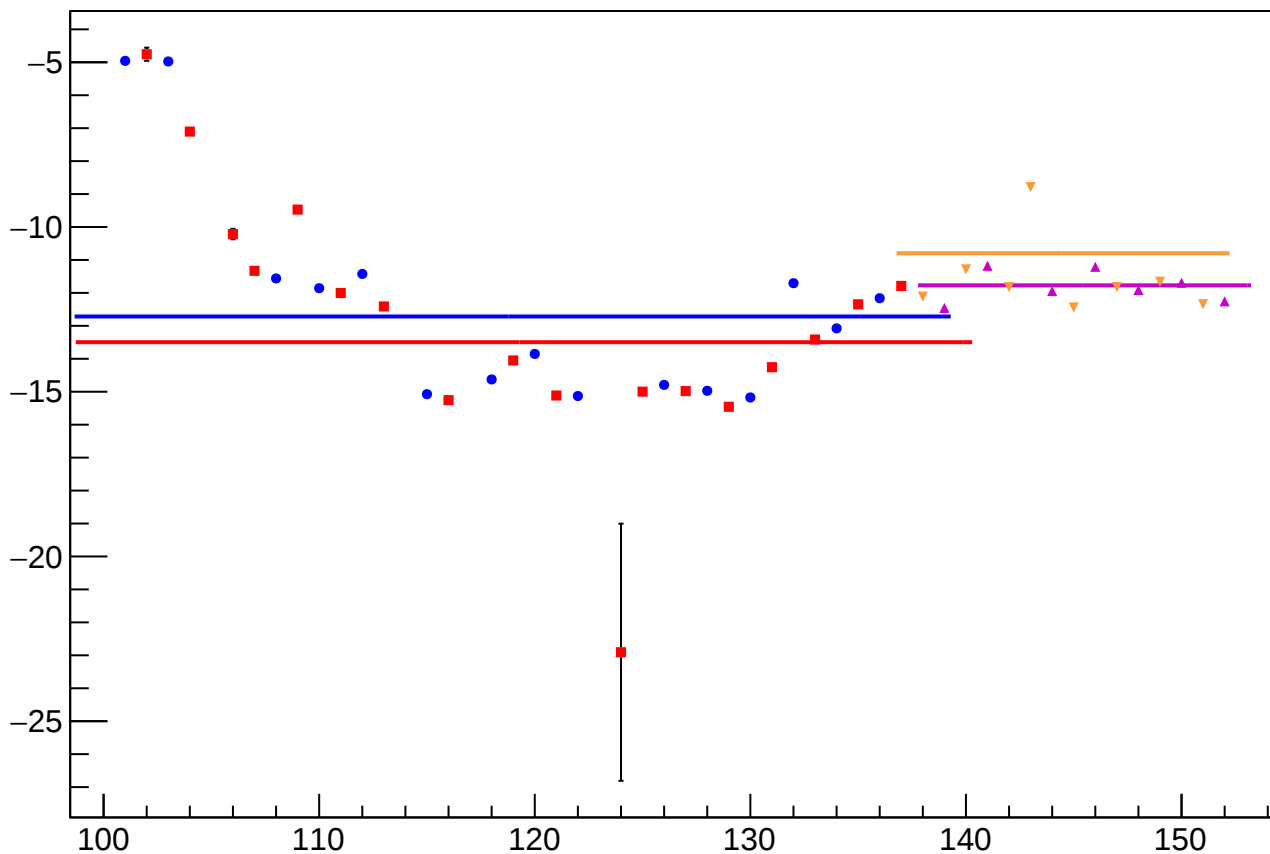
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.463 ± 0.002 χ^2/NDF : 98877.6/21

Out: 5.969 ± 0.000 χ^2/NDF : 199795.4/25

All: 5.985 ± 0.000 χ^2/NDF : 345669.1/47

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 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: -11.770 $\pm$ 0.004 χ^2/NDF : 4578.7/6

Left: -11.254 $\pm$ 0.003 χ^2/NDF : 198885.6/14

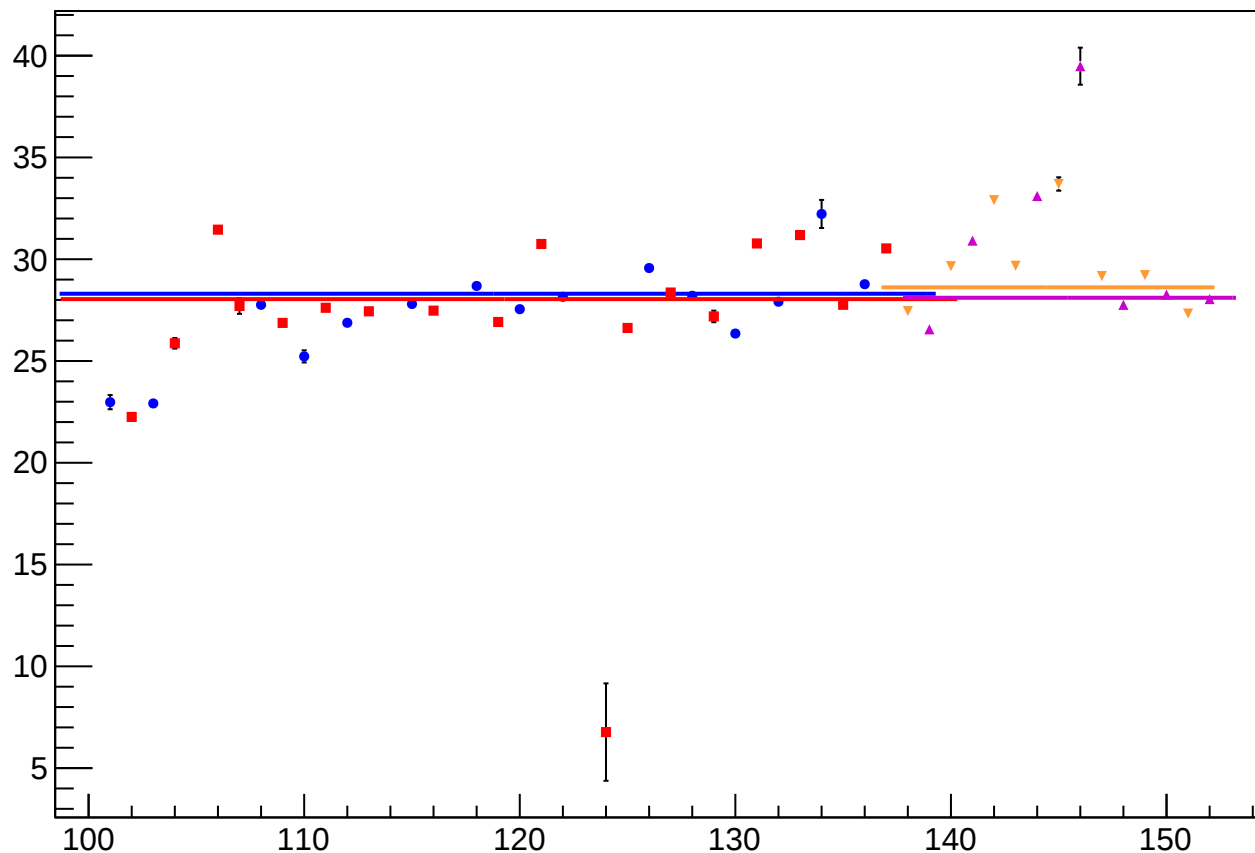
Right: -13.142 $\pm$ 0.004 χ^2/NDF : 149153.5/32

In: -12.019 $\pm$ 0.003 χ^2/NDF : 105988.7/21

Out: -11.545 $\pm$ 0.003 χ^2/NDF : 371643.5/25

All: -11.766 $\pm$ 0.002 χ^2/NDF : 488833.0/47

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.618 ± 0.030 $\chi^2/\text{NDF}: 1873.2/7$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.106 ± 0.025 $\chi^2/\text{NDF}: 2871.0/6$

Left: 28.319 ± 0.019 $\chi^2/\text{NDF}: 4914.2/14$

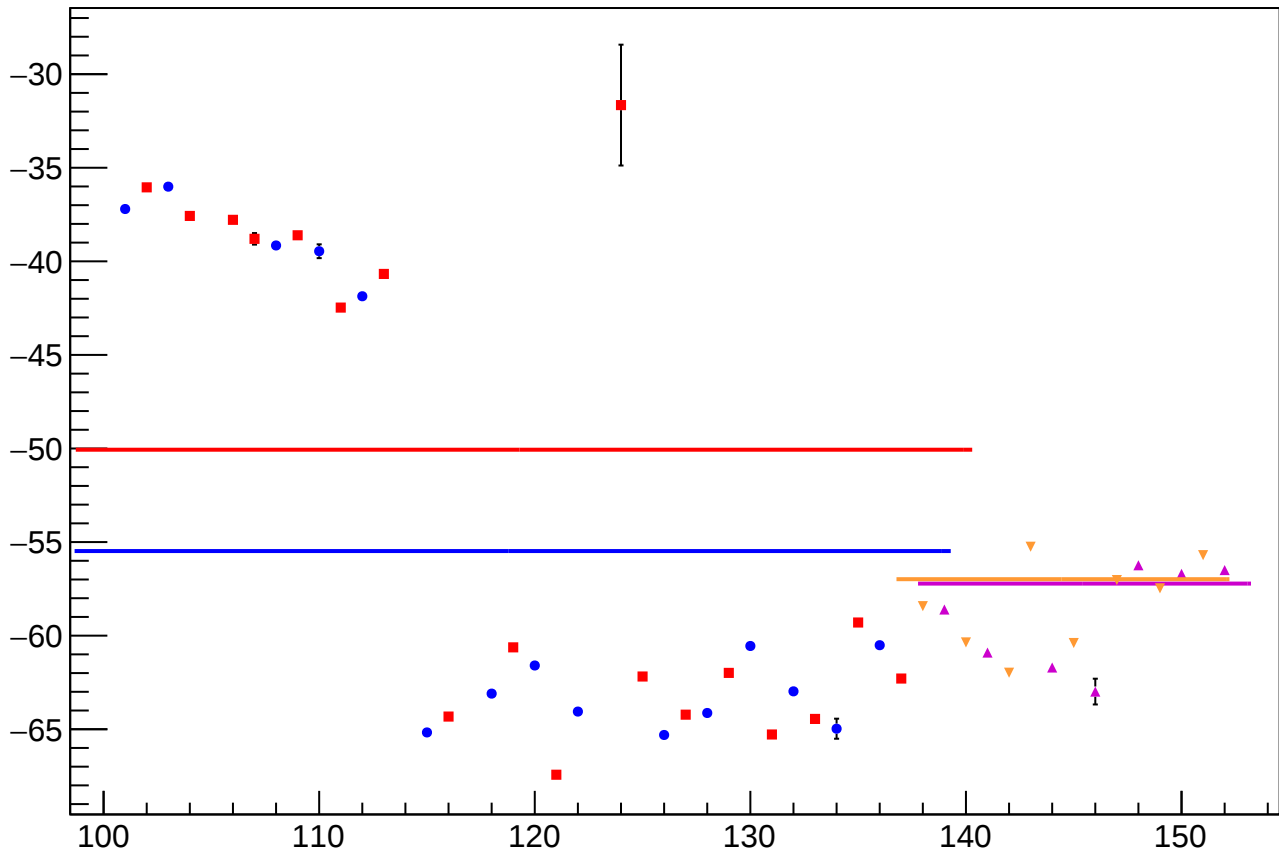
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.214 ± 0.017 $\chi^2/\text{NDF}: 6304.3/21$

Out: 28.332 ± 0.021 $\chi^2/\text{NDF}: 4618.6/25$

All: 28.260 ± 0.013 $\chi^2/\text{NDF}: 10941.6/47$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.983 $\pm$ 0.027 χ^2 /NDF: 4158.7/7

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -57.218 $\pm$ 0.022 χ^2 /NDF: 4549.5/6

Left: -57.125 $\pm$ 0.017 χ^2 /NDF: 8753.3/14

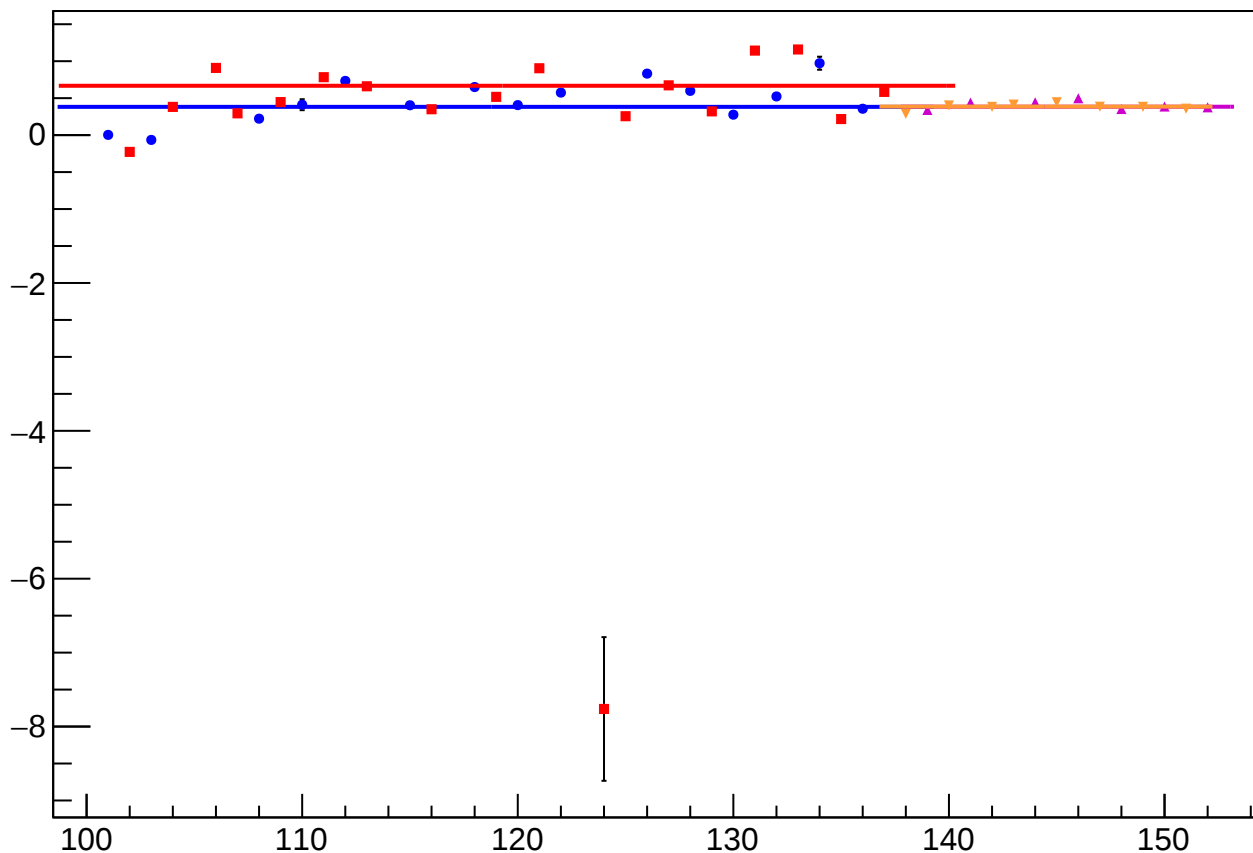
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.106 $\pm$ 0.013 χ^2 /NDF: 603657.6/21

Out: -52.972 $\pm$ 0.018 χ^2 /NDF: 381852.4/25

All: -54.973 $\pm$ 0.011 χ^2 /NDF: 1005741.1/47

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.386 ± 0.001 χ^2/NDF : 909.3/7

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.384 ± 0.001 χ^2/NDF : 1715.3/6

Left: 0.385 ± 0.000 χ^2/NDF : 2629.5/14

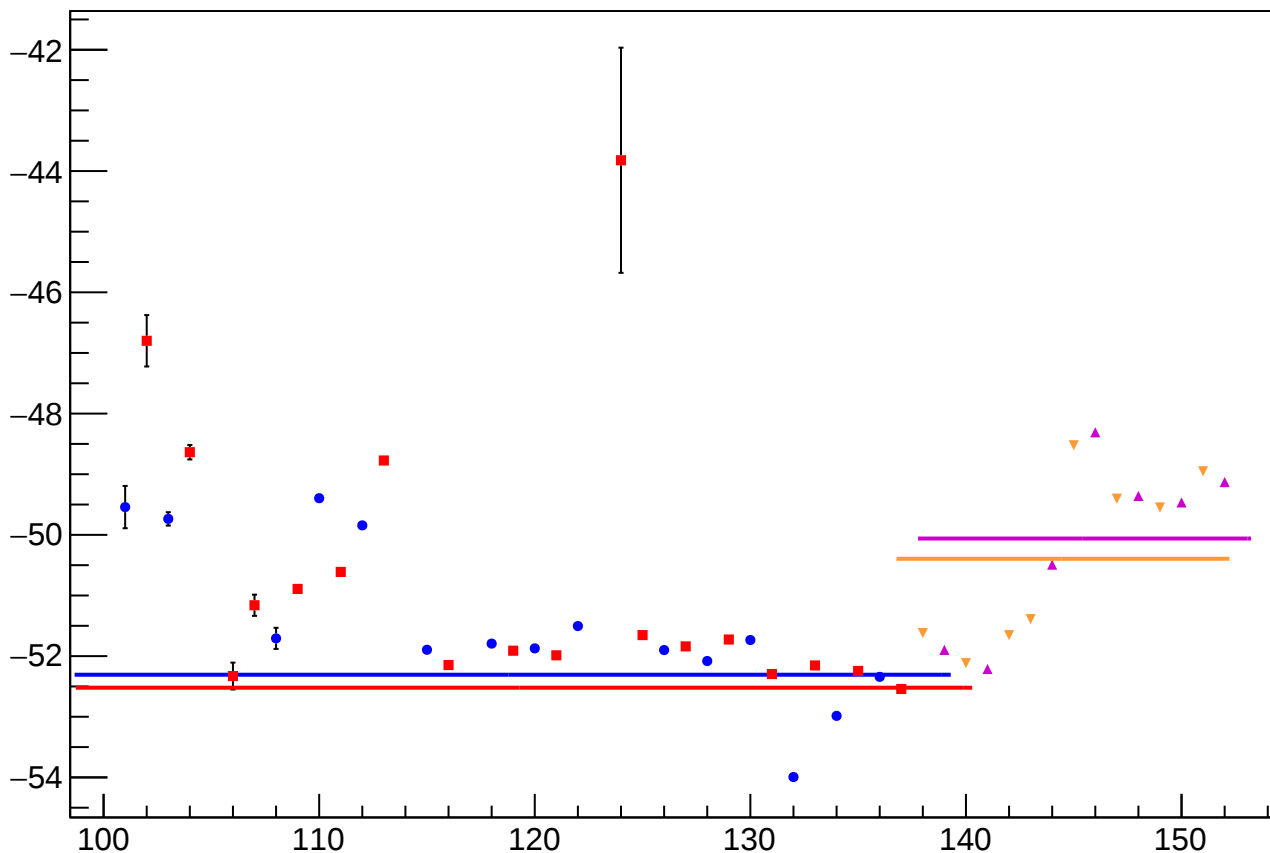
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.384 ± 0.001 χ^2/NDF : 6312.2/21

Out: 0.392 ± 0.001 χ^2/NDF : 8267.3/25

All: 0.387 ± 0.000 χ^2/NDF : 14671.6/47

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -50.394 $\pm$ 0.003 χ^2 /NDF:117329.4/7

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -50.061 $\pm$ 0.002 χ^2 /NDF:213166.2/6

Left: -50.189 $\pm$ 0.002 χ^2 /NDF: 337451.5/14

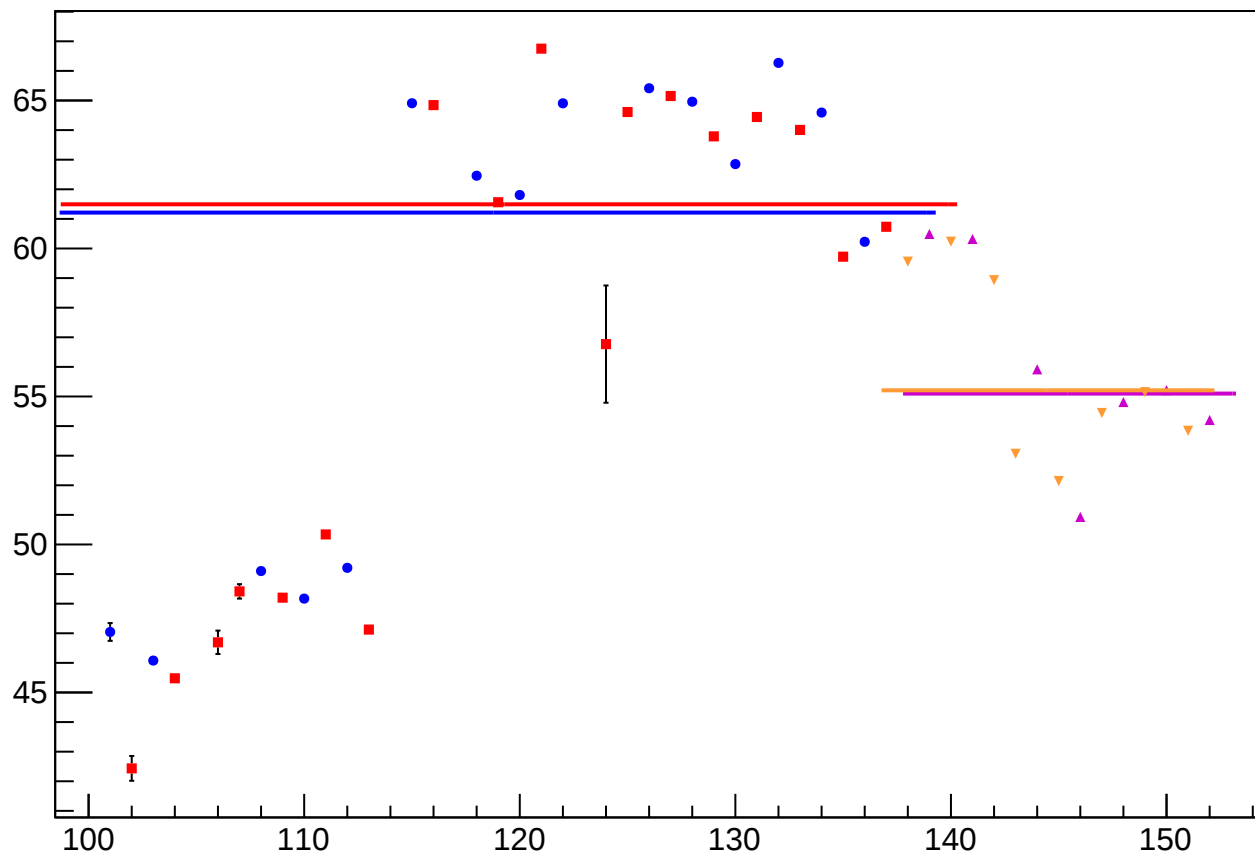
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.713 $\pm$ 0.002 χ^2 /NDF:476206.3/21

Out: -52.286 $\pm$ 0.001 χ^2 /NDF:542481.6/25

All: -51.974 $\pm$ 0.001 χ^2 /NDF: 1471641.3/47

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 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: 55.098 $\pm$ 0.005 χ^2 /NDF:57247.1/6

Left: 55.143 $\pm$ 0.004 χ^2 /NDF: 251174.9/14

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 56.285 $\pm$ 0.004 χ^2 /NDF:519606.8/21

Out: 57.957 $\pm$ 0.004 χ^2 /NDF:929717.5/25

All: 57.108 $\pm$ 0.003 χ^2 /NDF: 1521265.6/47

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_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

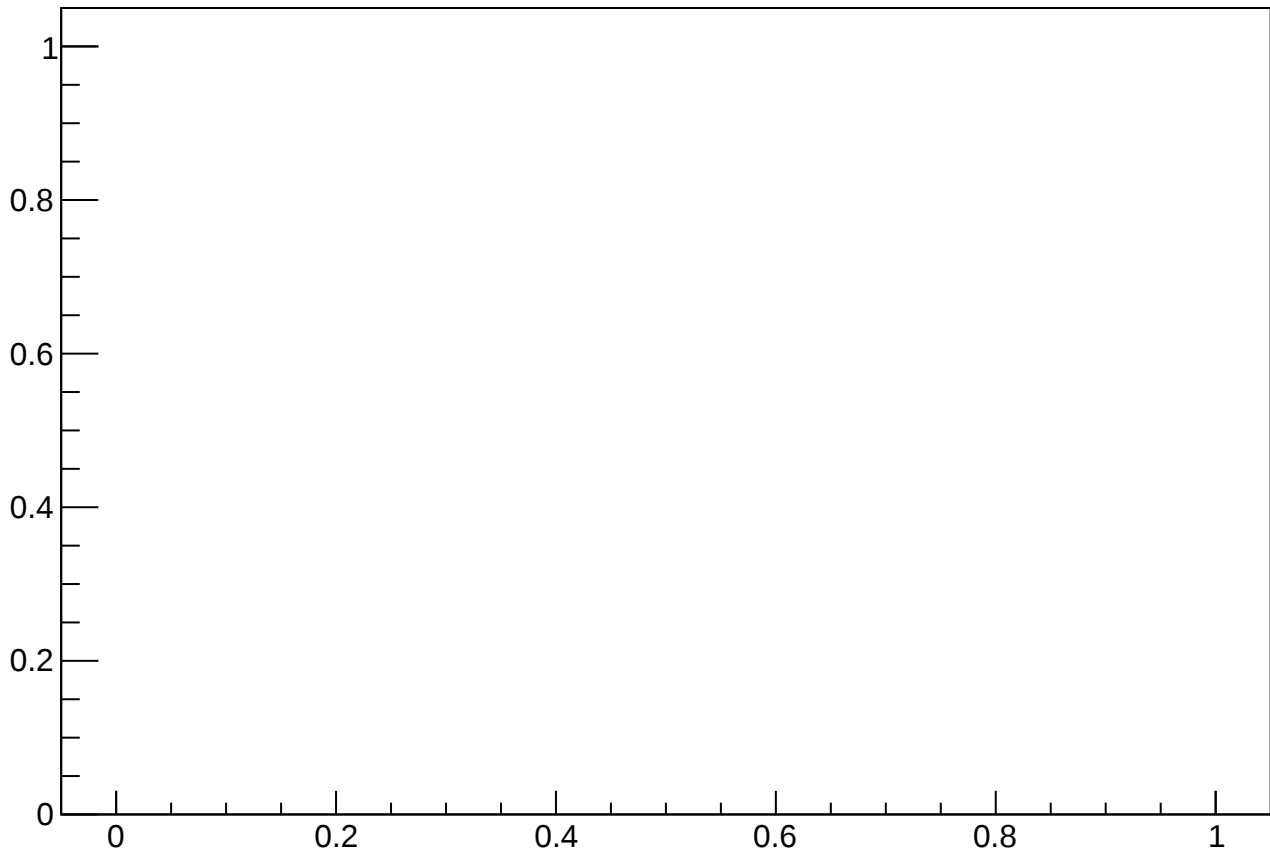
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

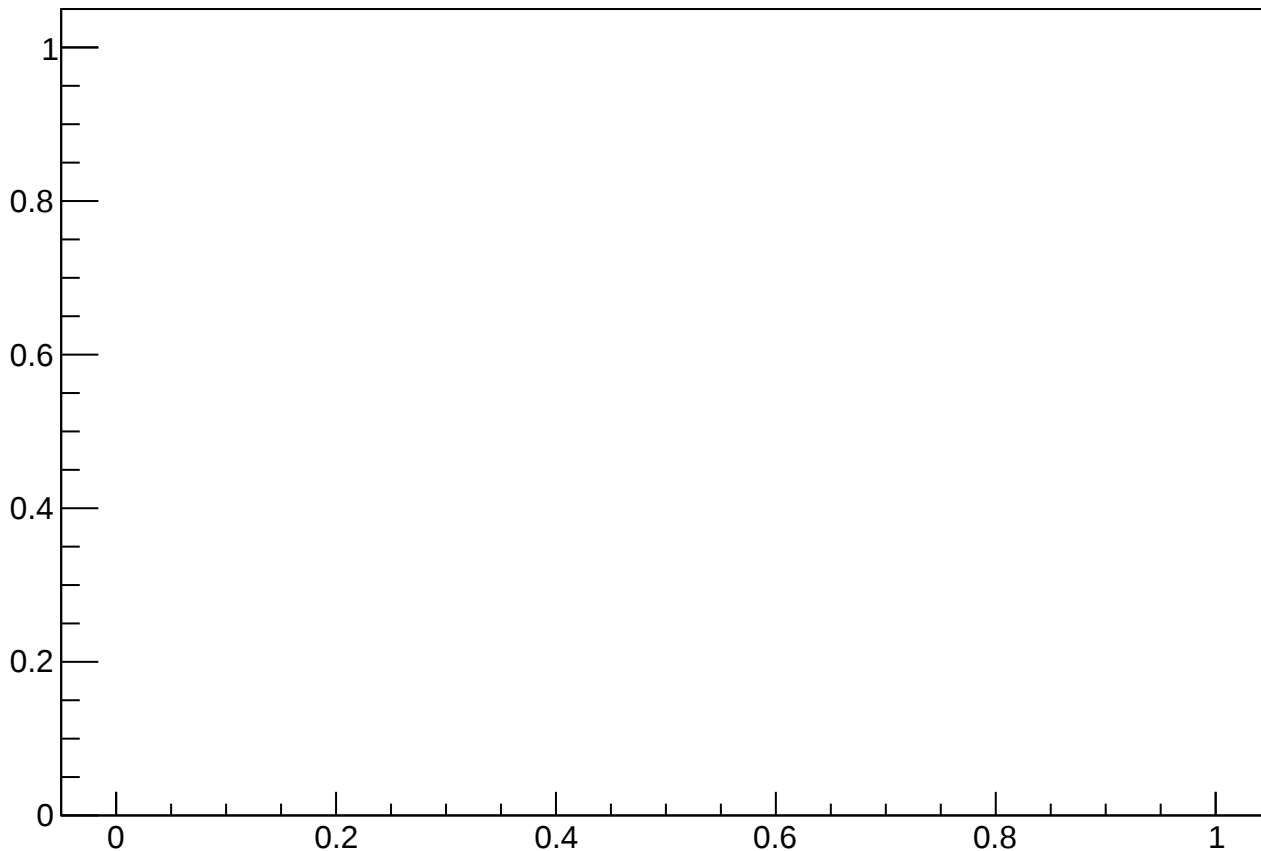
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

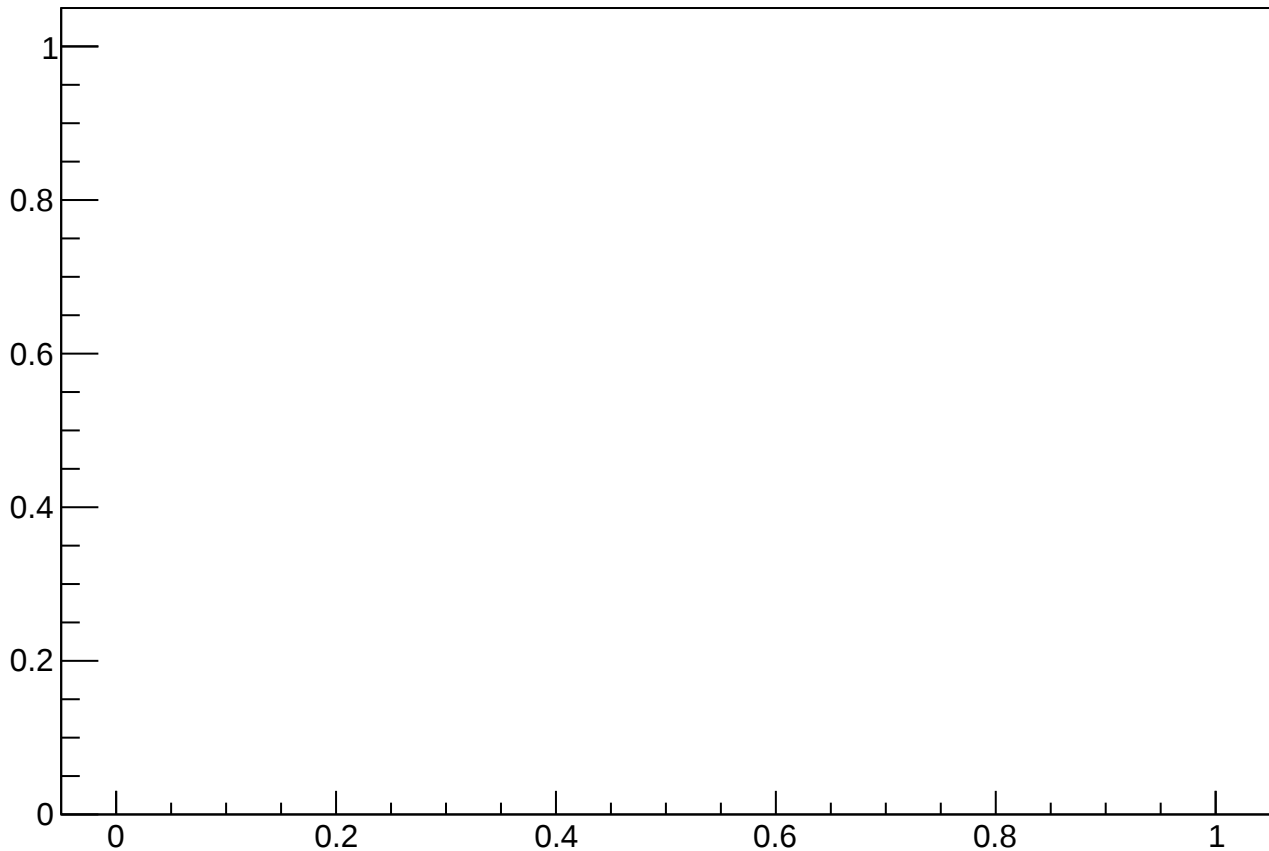
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

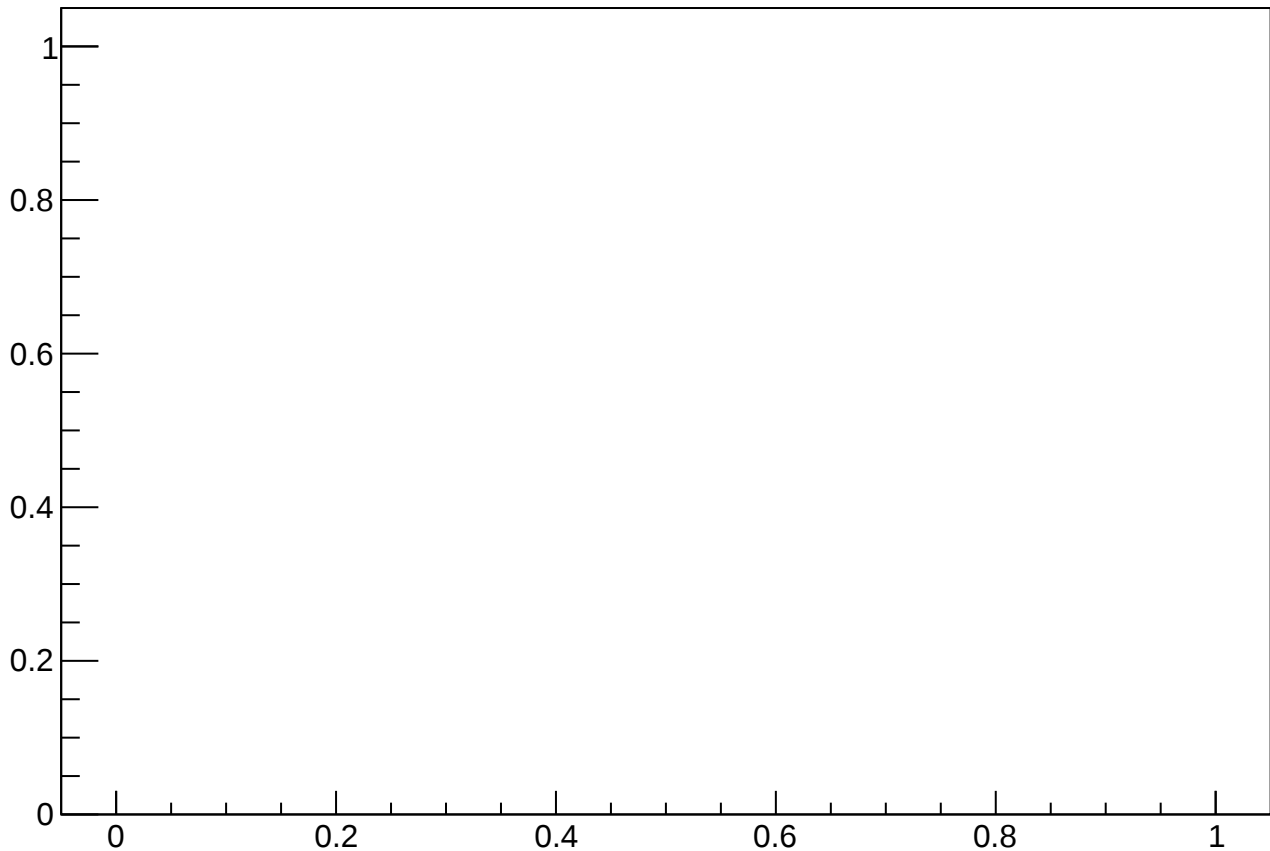
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

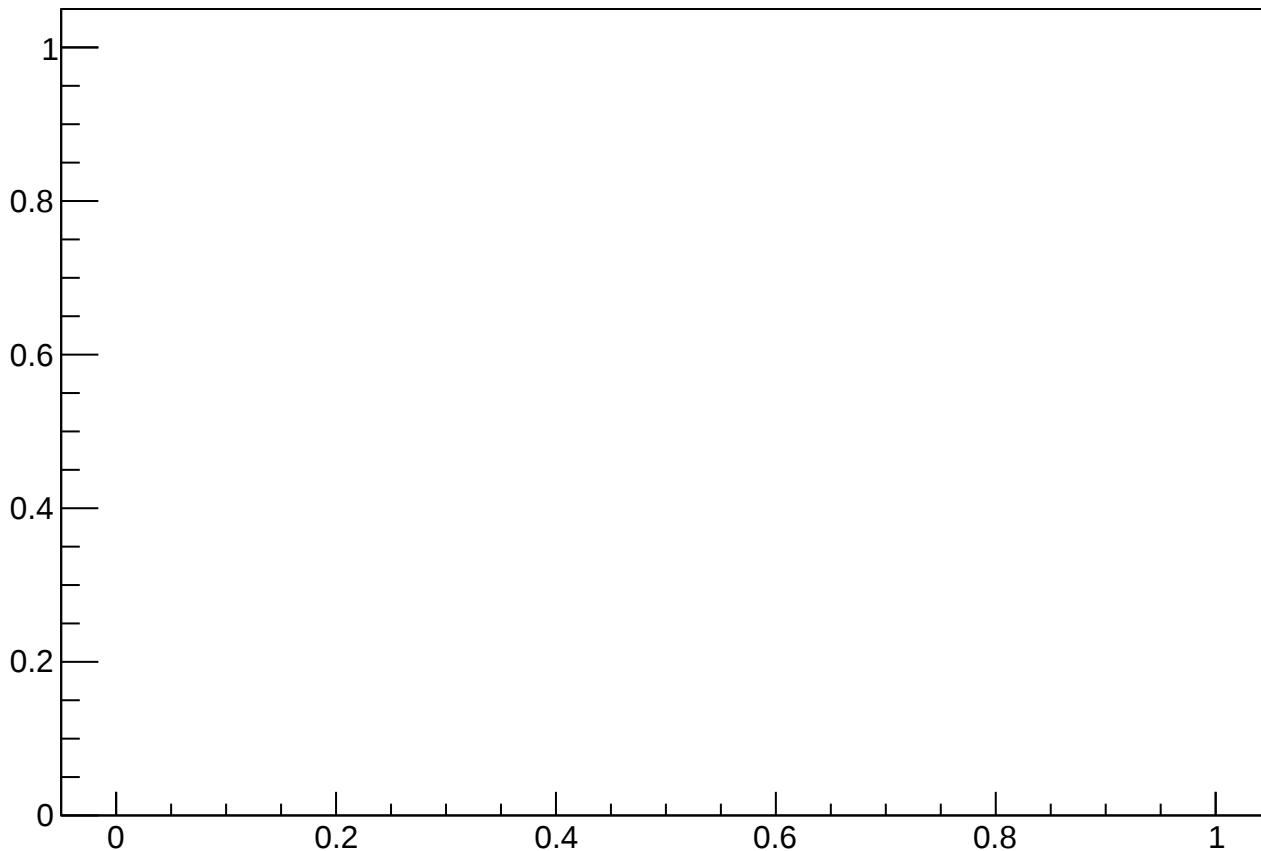
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

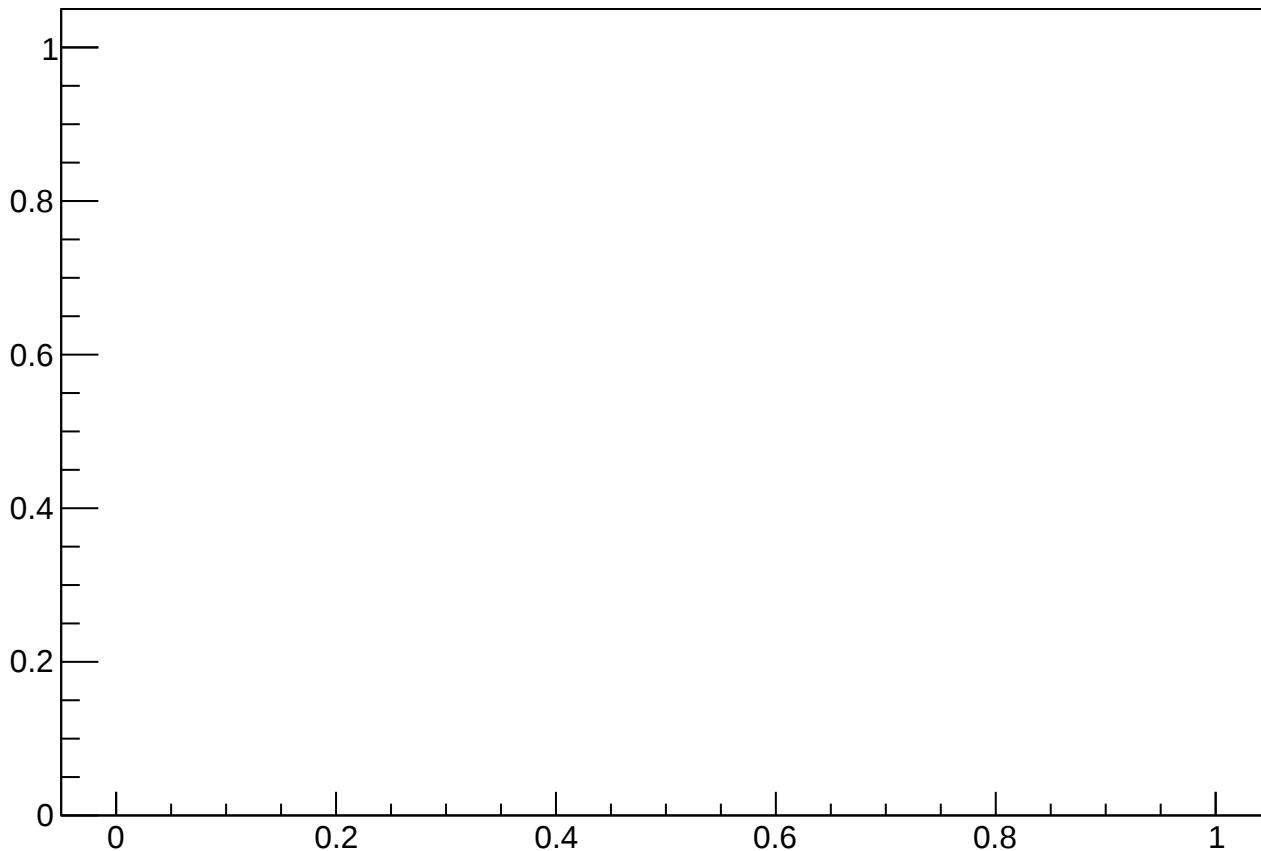
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

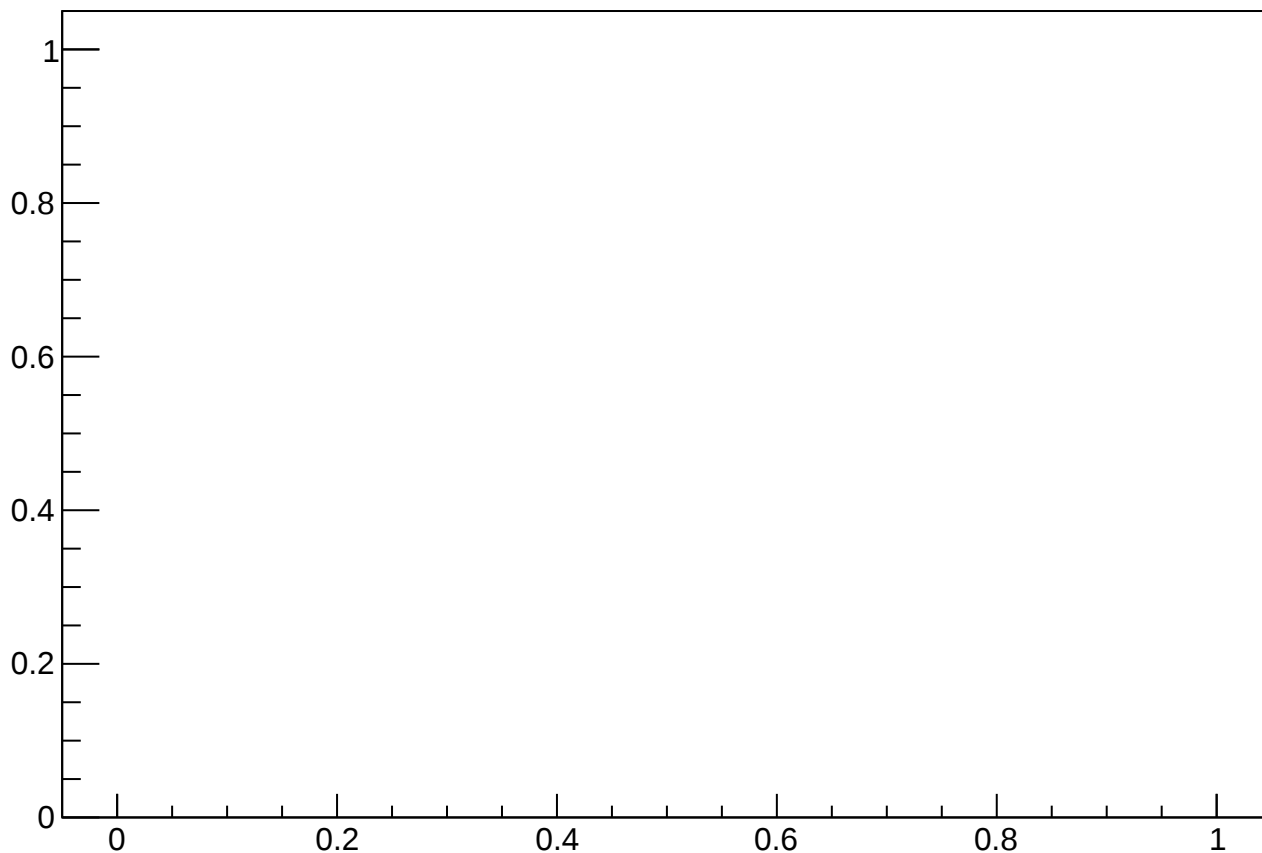
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

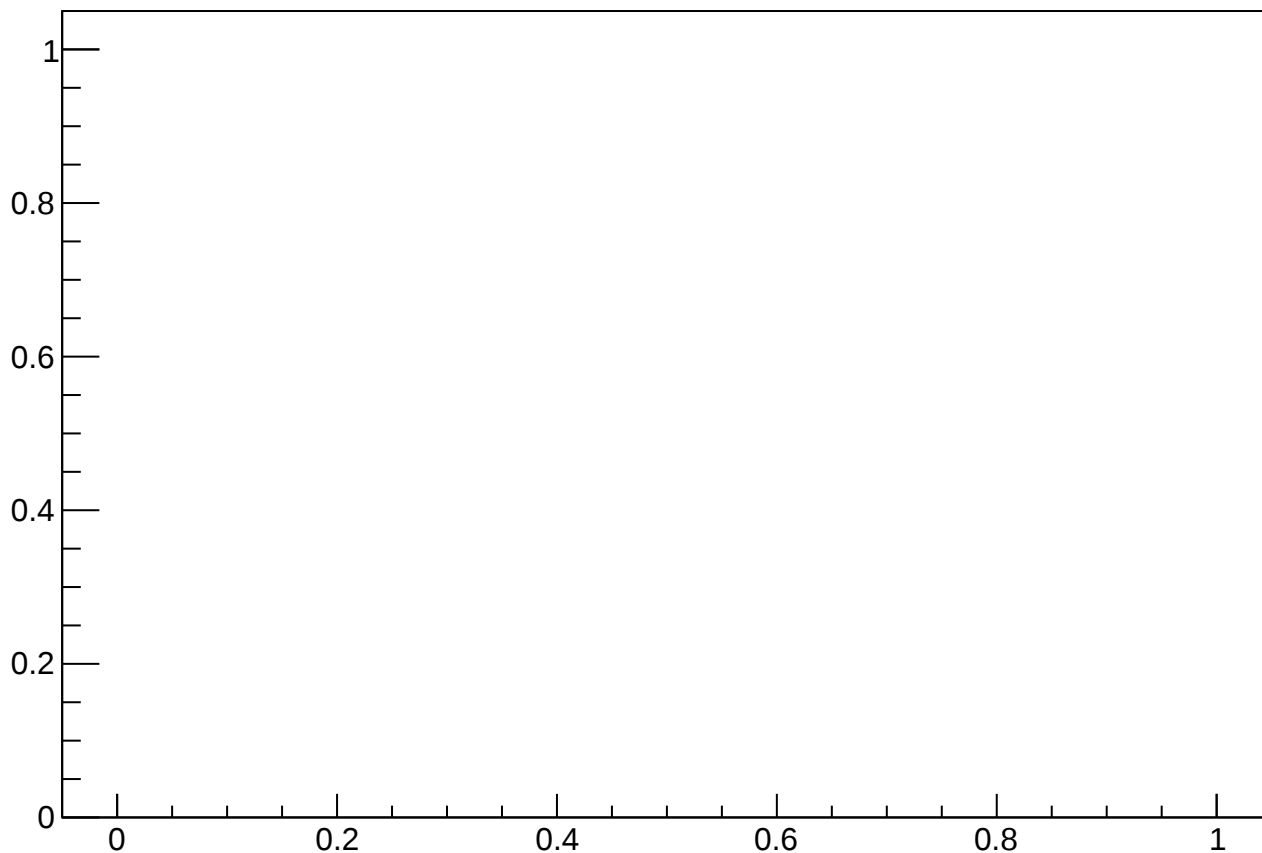
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

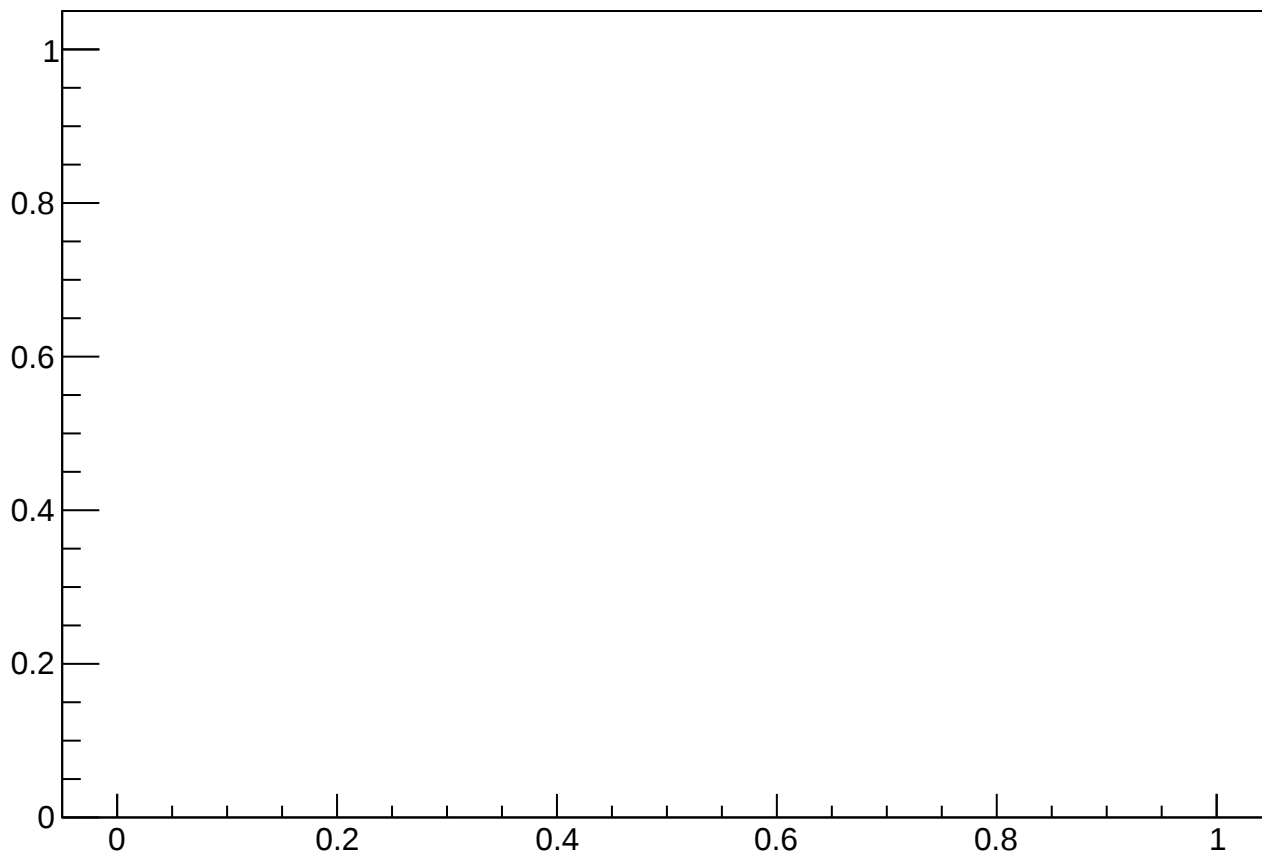
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_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

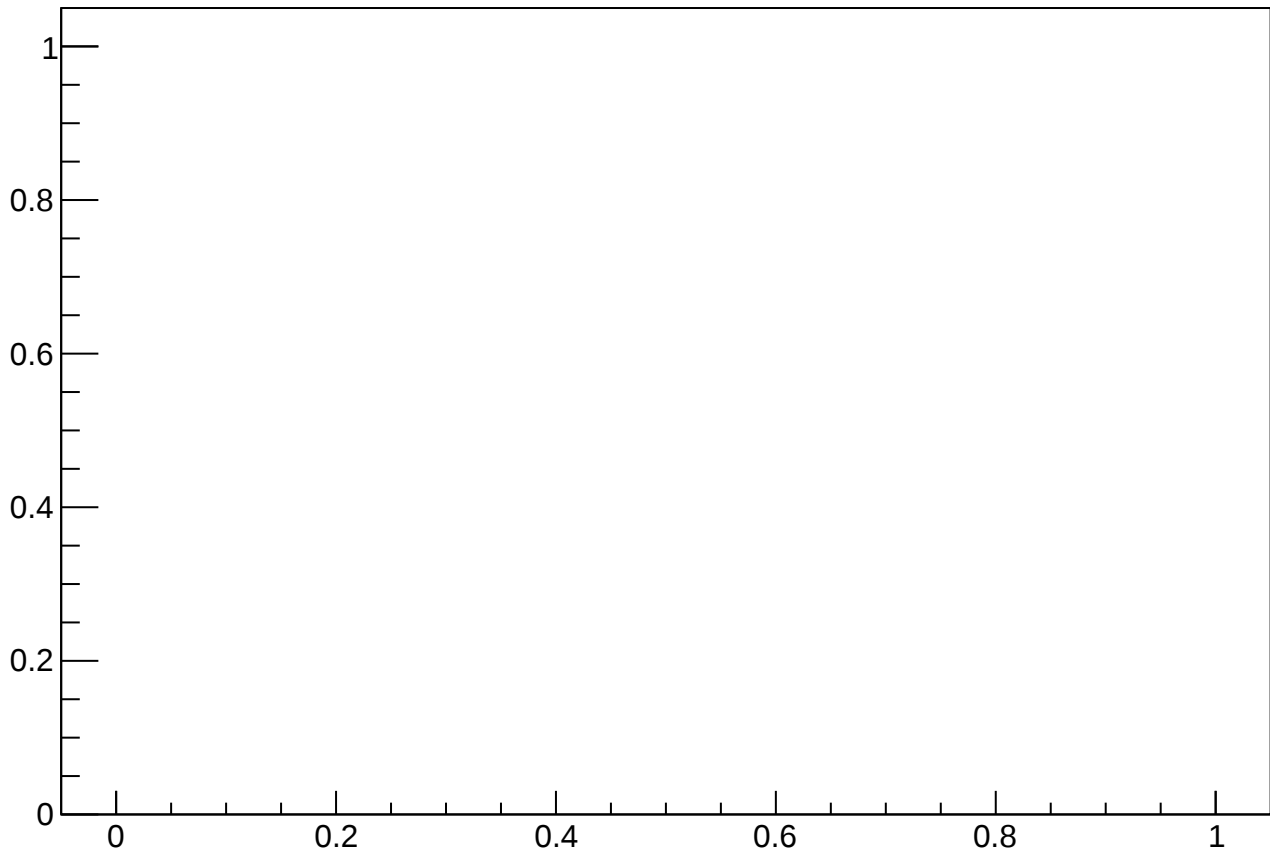
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

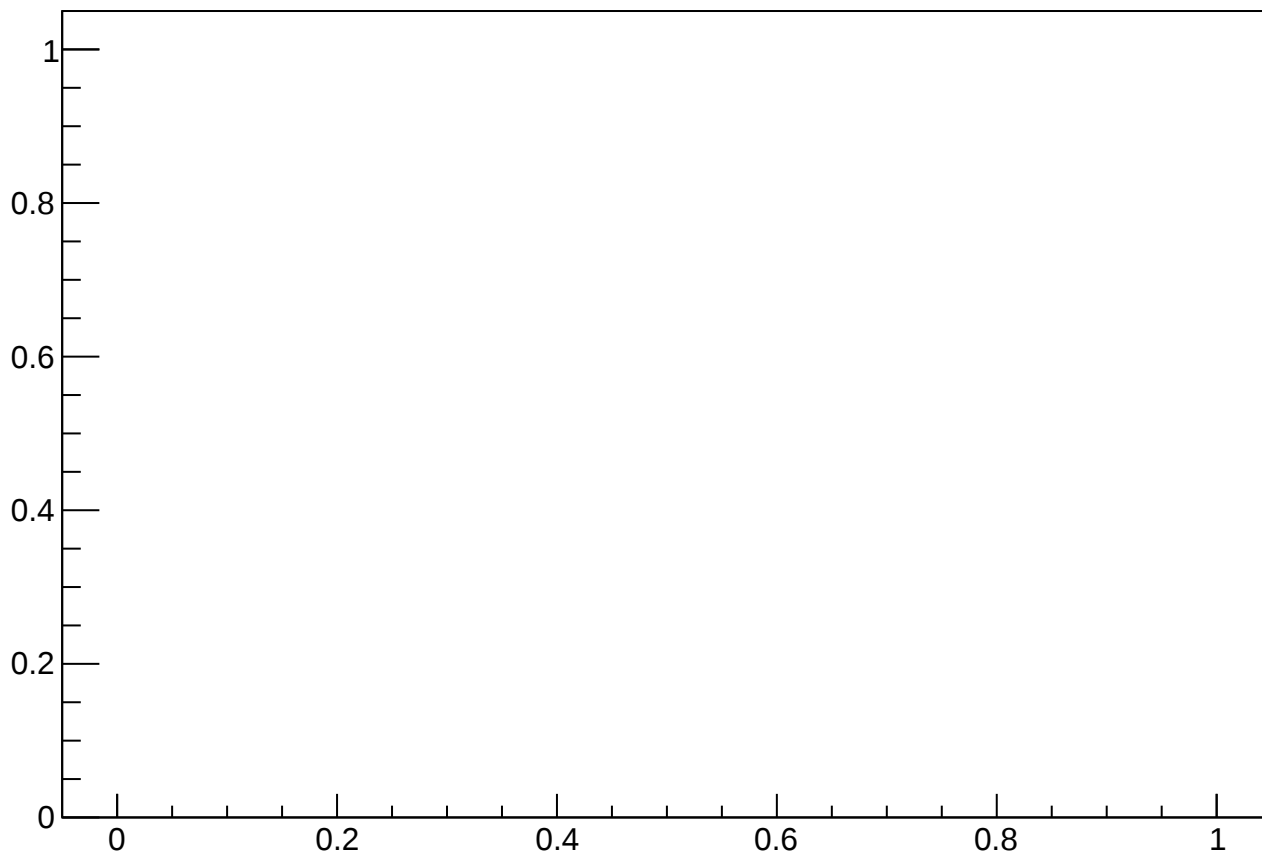
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

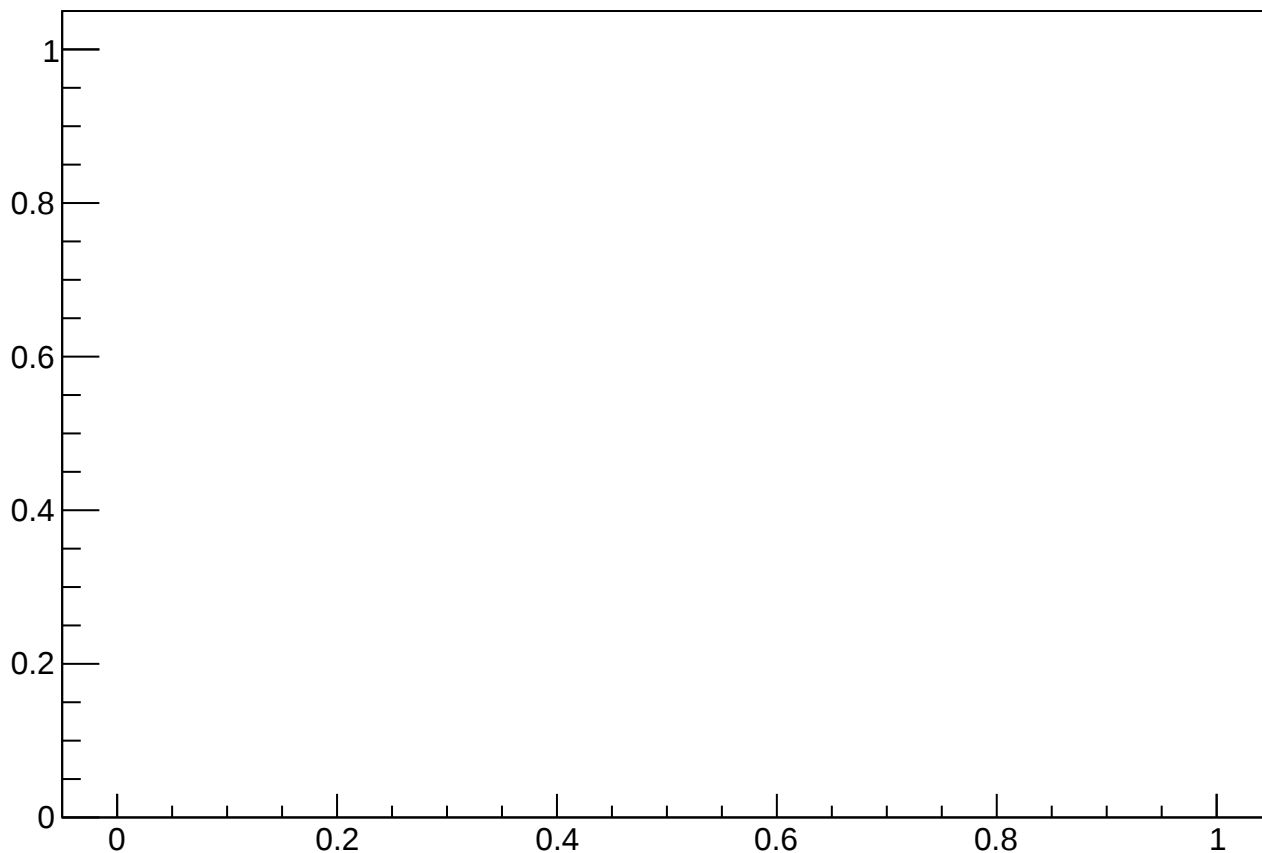
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

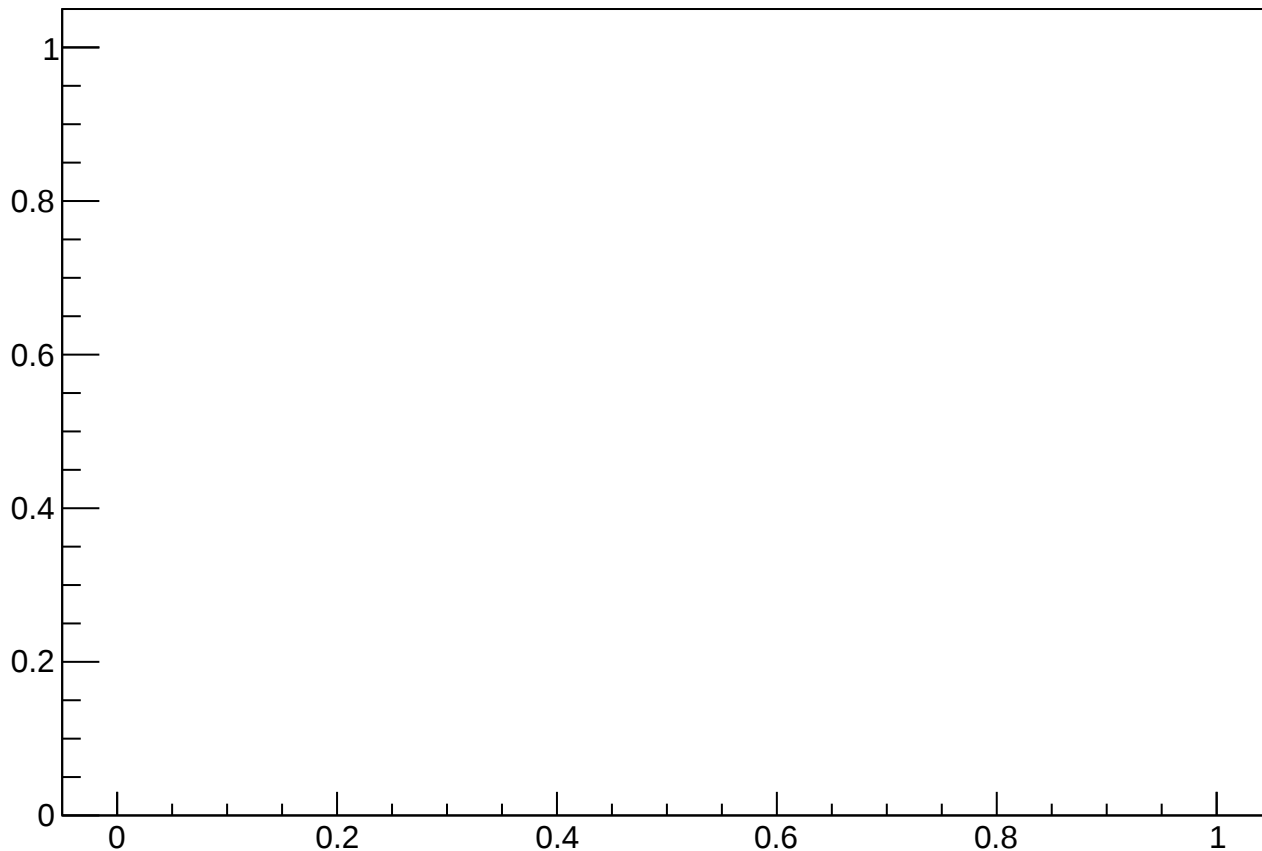
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

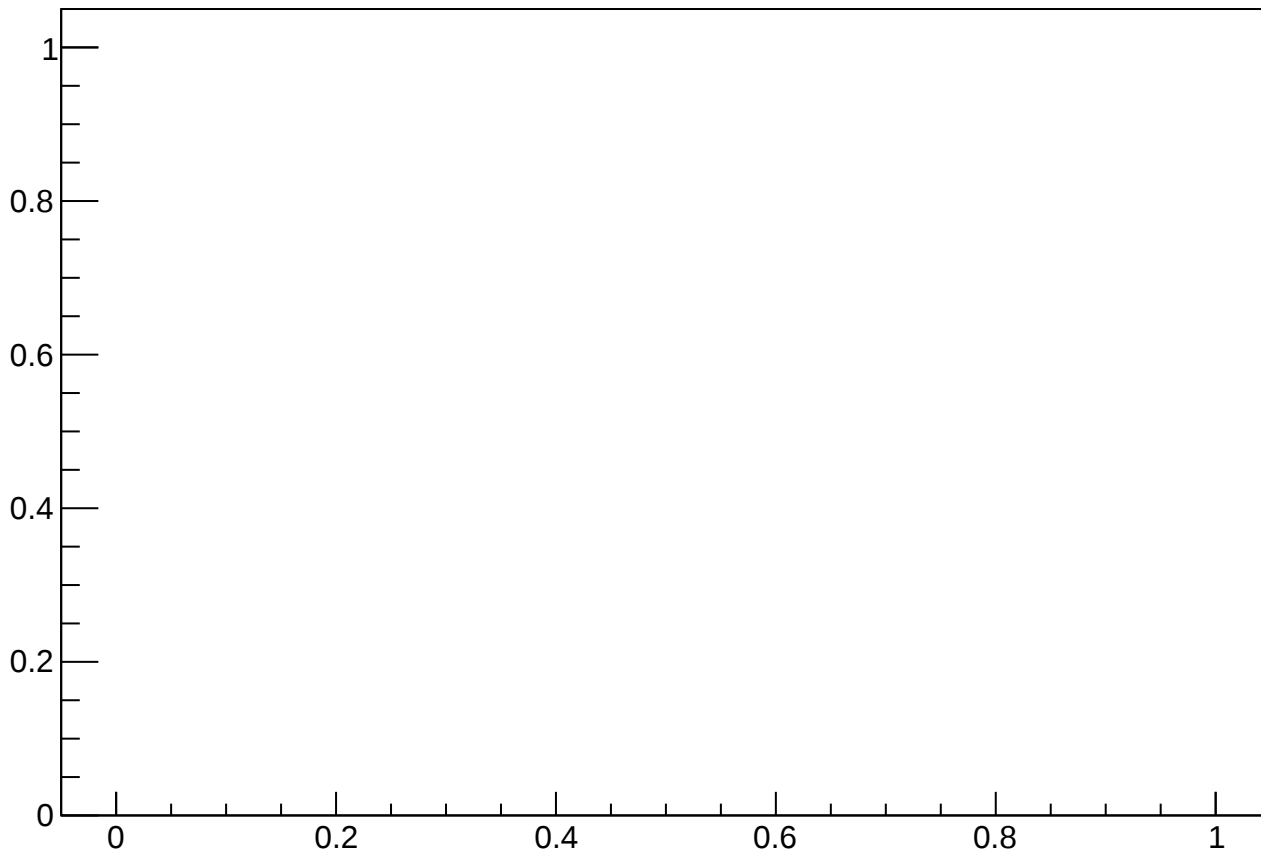
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

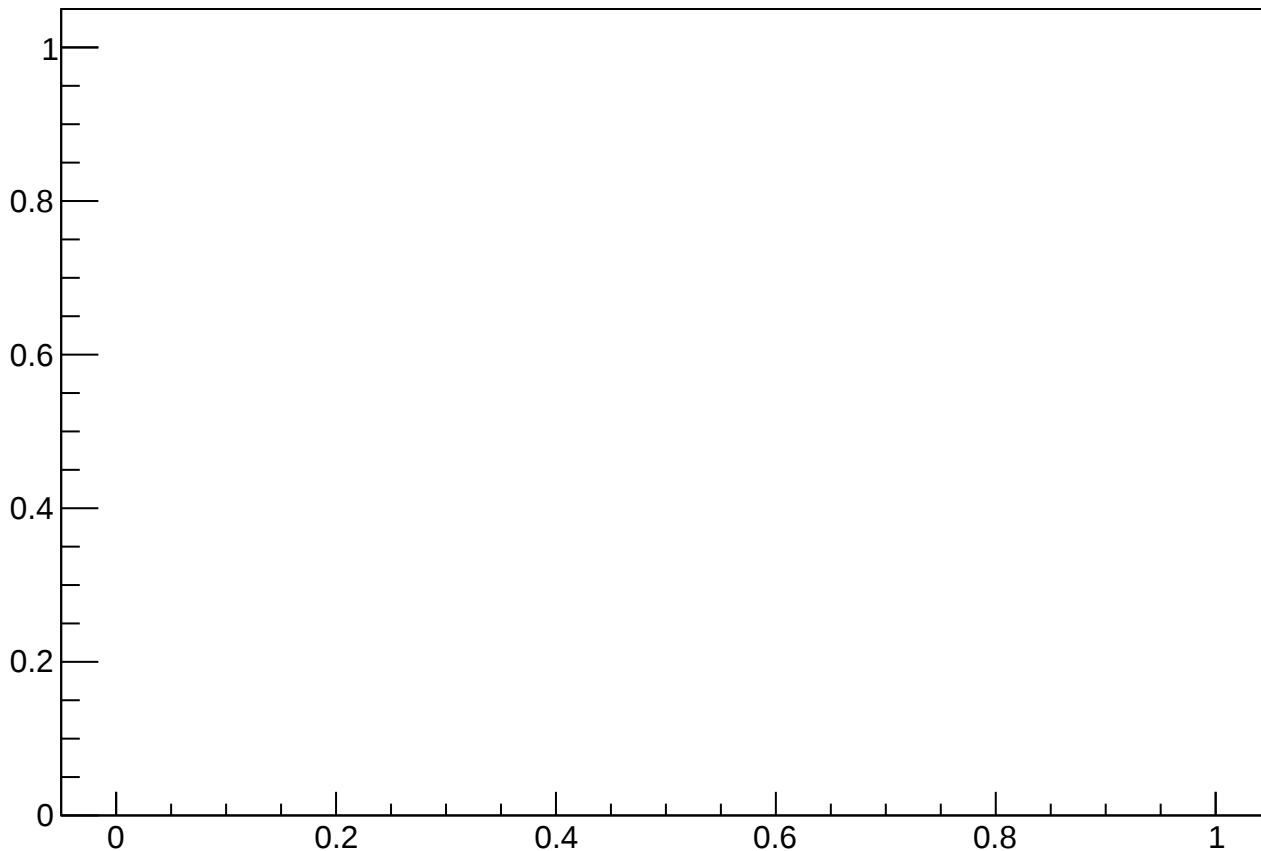
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

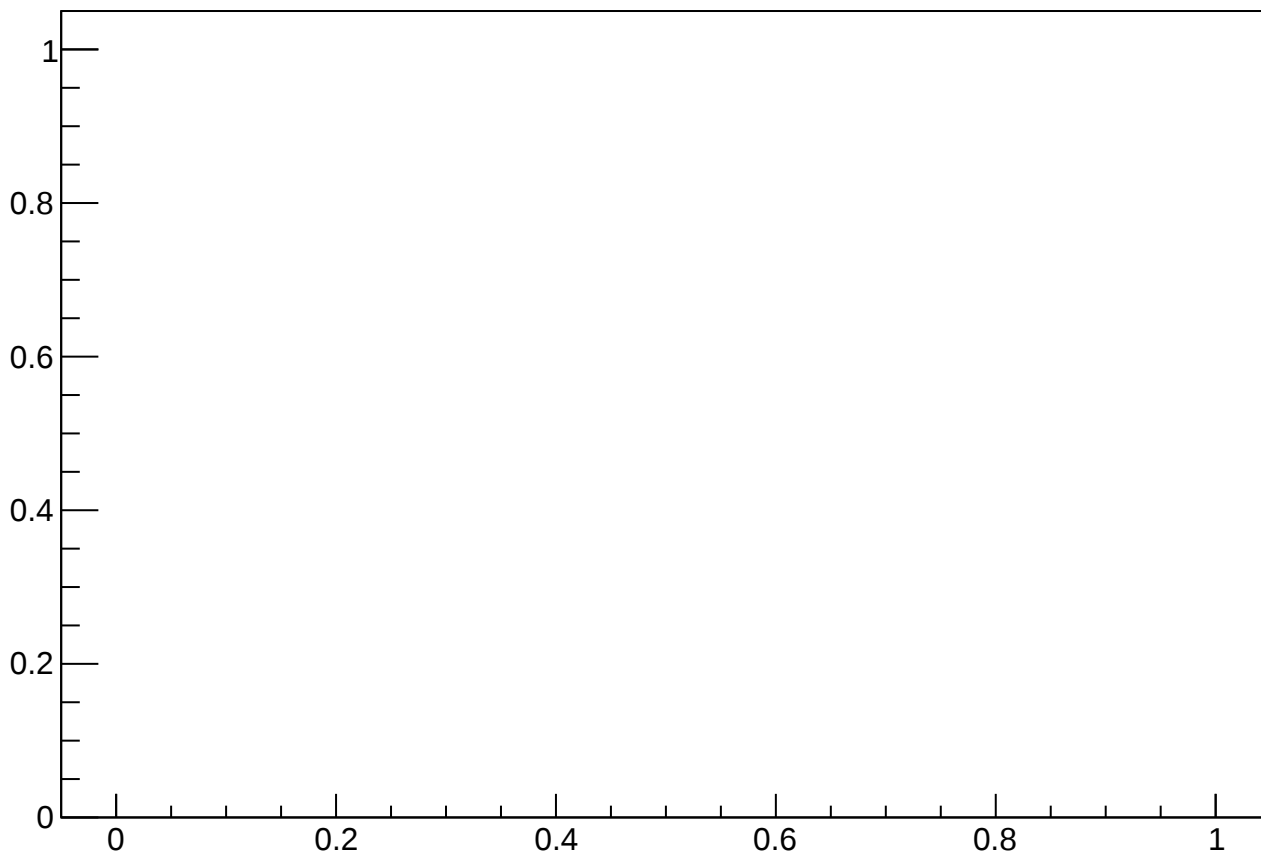
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

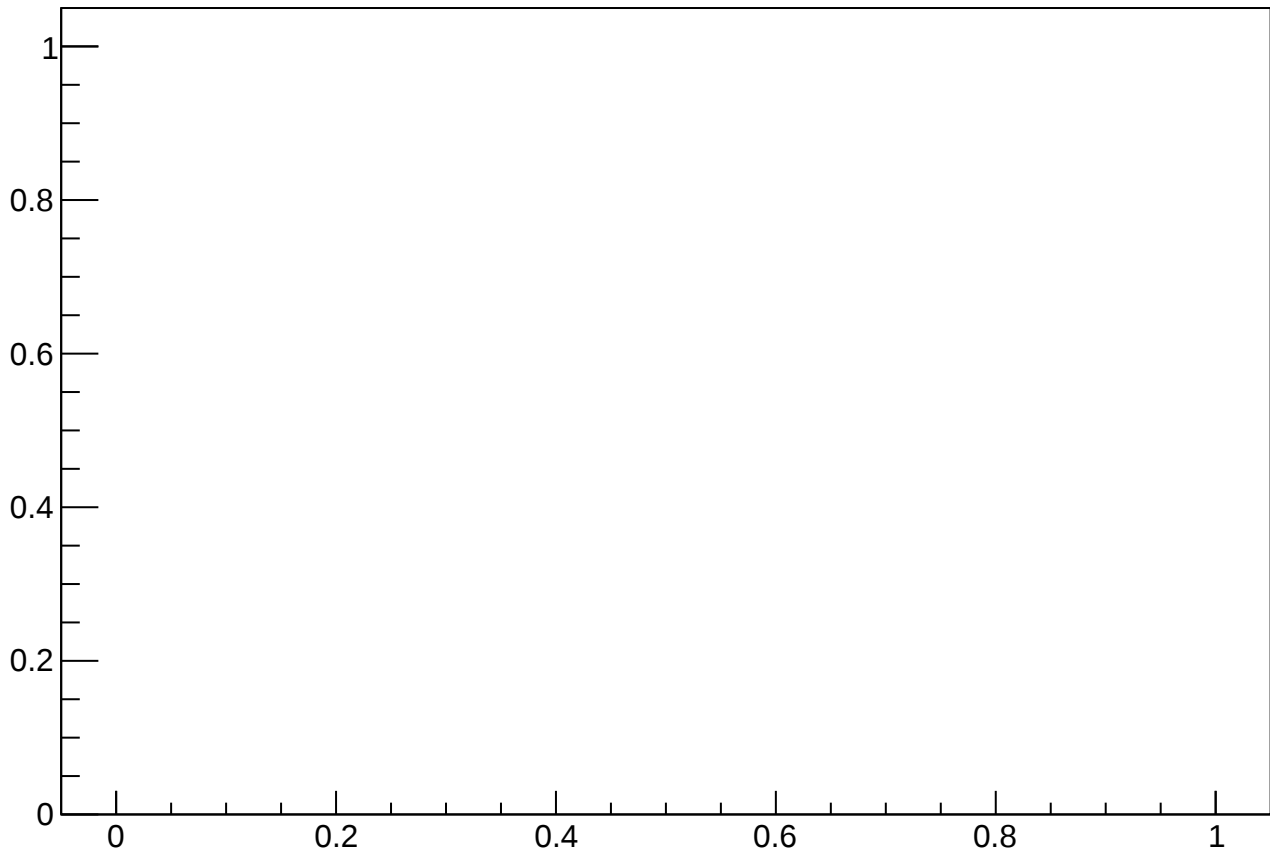
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

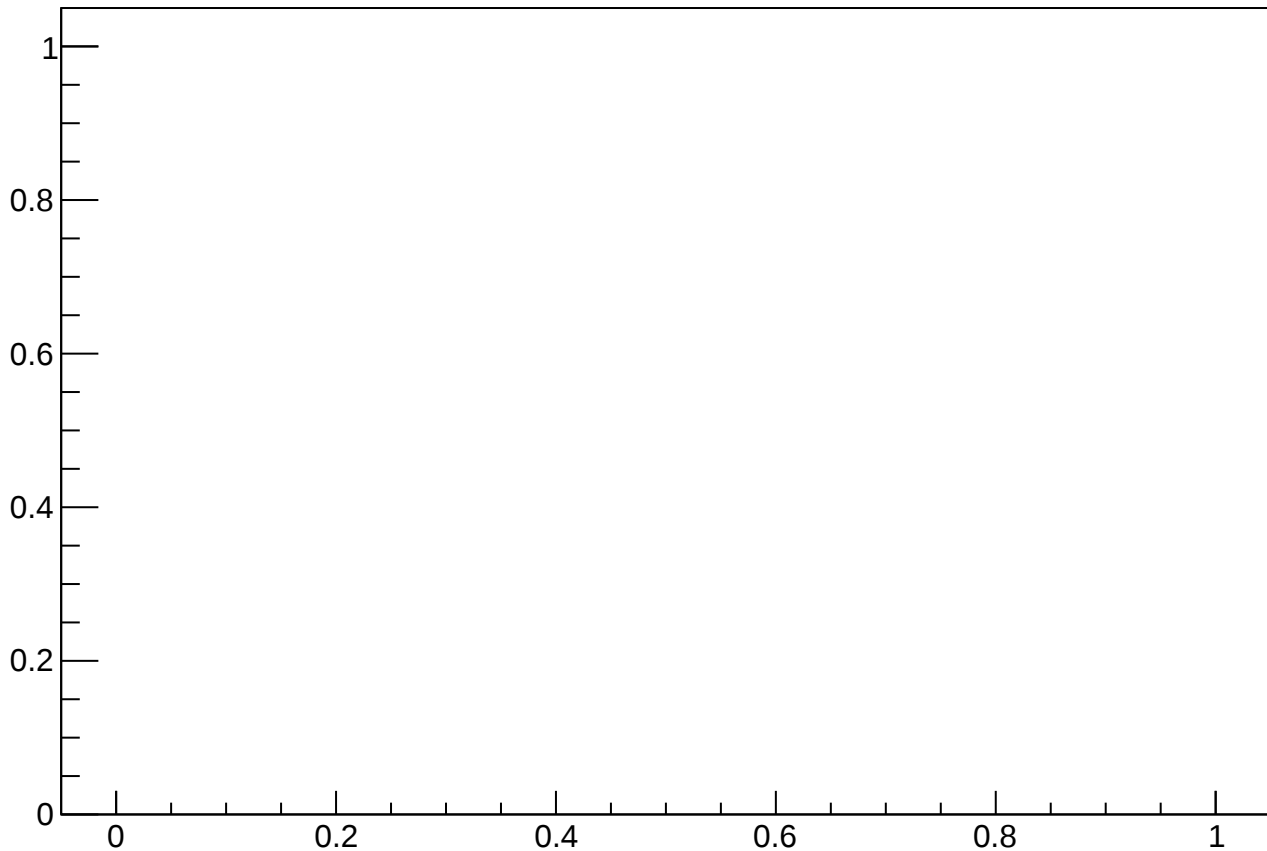
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

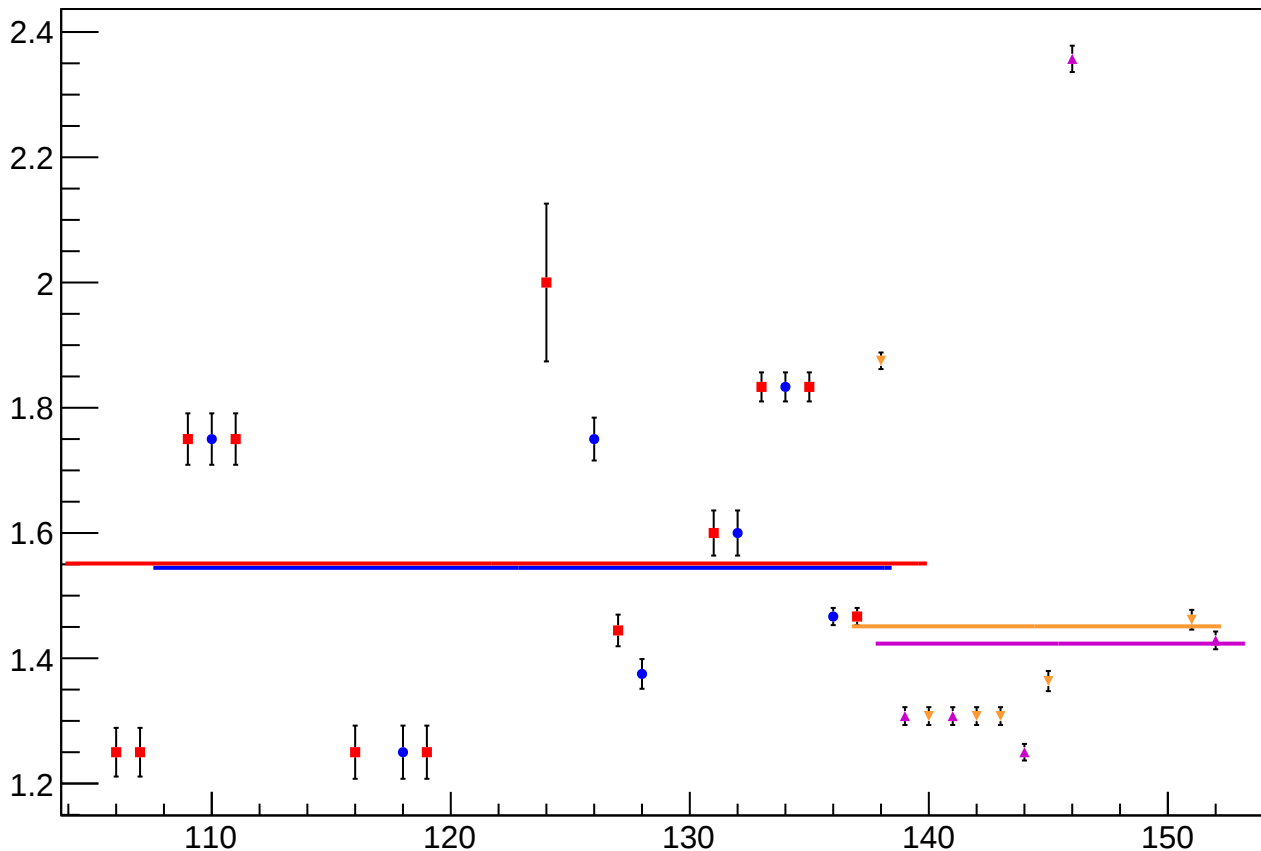
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

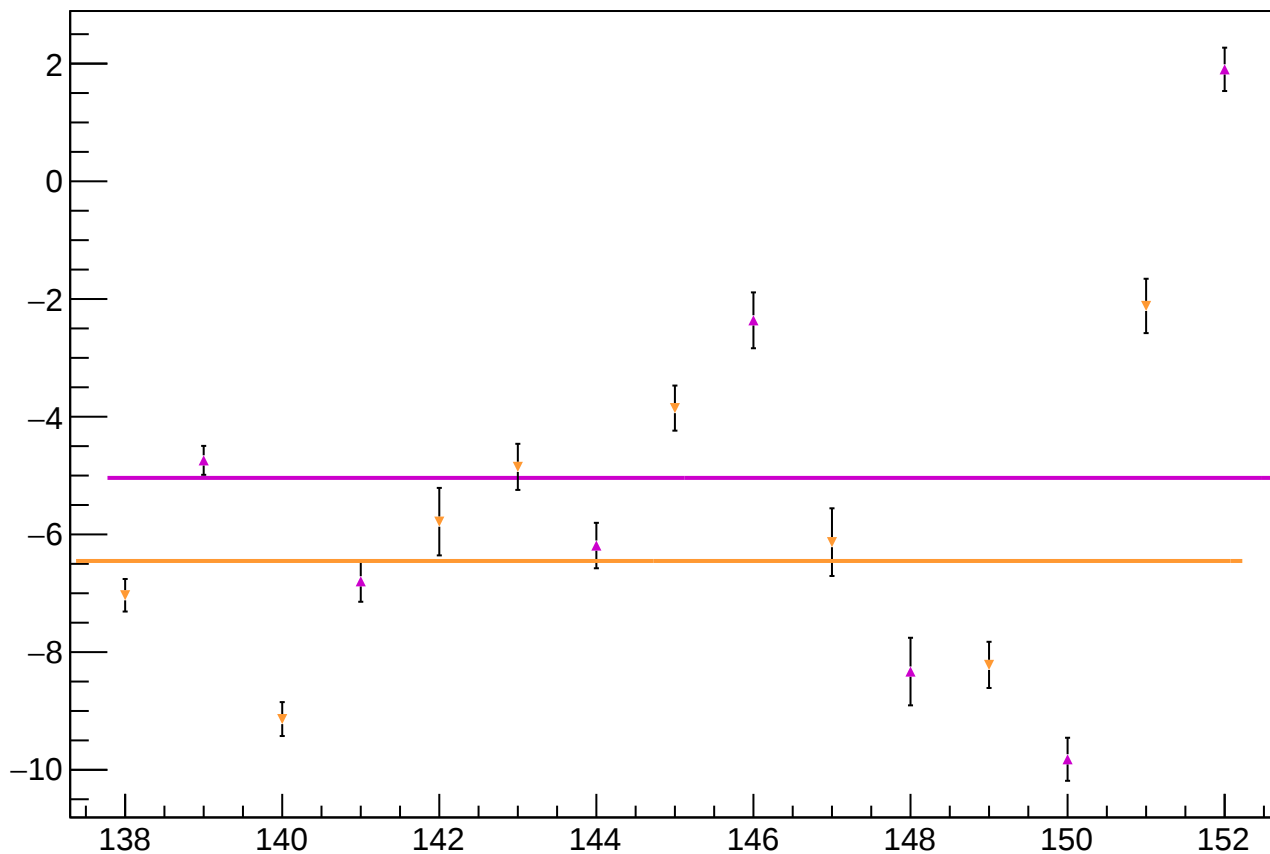
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.451+/-0.134 χ^2/NDF : 264.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.040+/-0.136 χ^2/NDF : 626.6/6

Left: -5.758+/-0.096 χ^2/NDF : 945.2/14

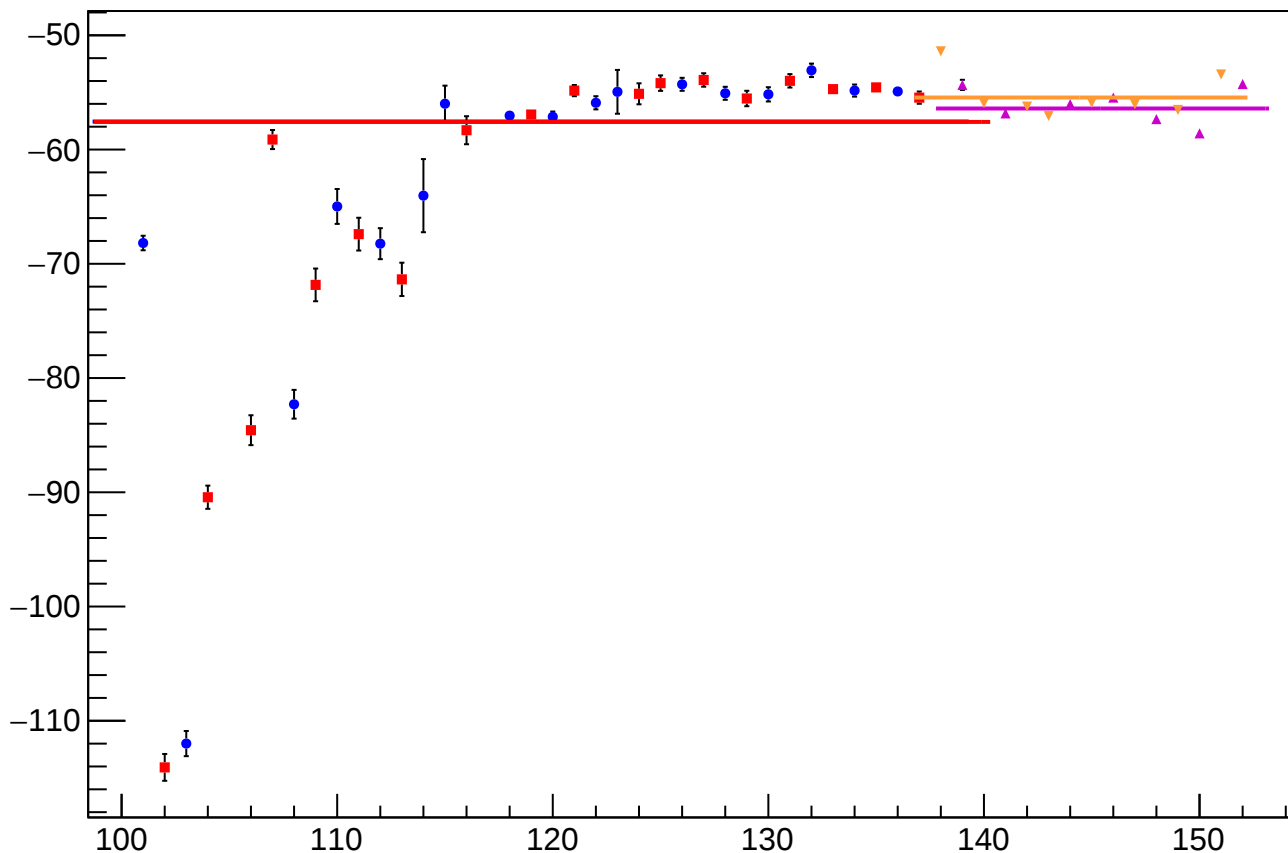
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.040+/-0.136 χ^2/NDF : 626.6/6

Out: -6.451+/-0.134 χ^2/NDF : 264.0/7

All: -5.758+/-0.096 χ^2/NDF : 945.2/14

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.446 $\pm$ 0.101 χ^2 /NDF:278.0/7

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -56.407 $\pm$ 0.108 χ^2 /NDF:182.4/6

Left: -55.892 $\pm$ 0.074 χ^2 /NDF: 502.8/14

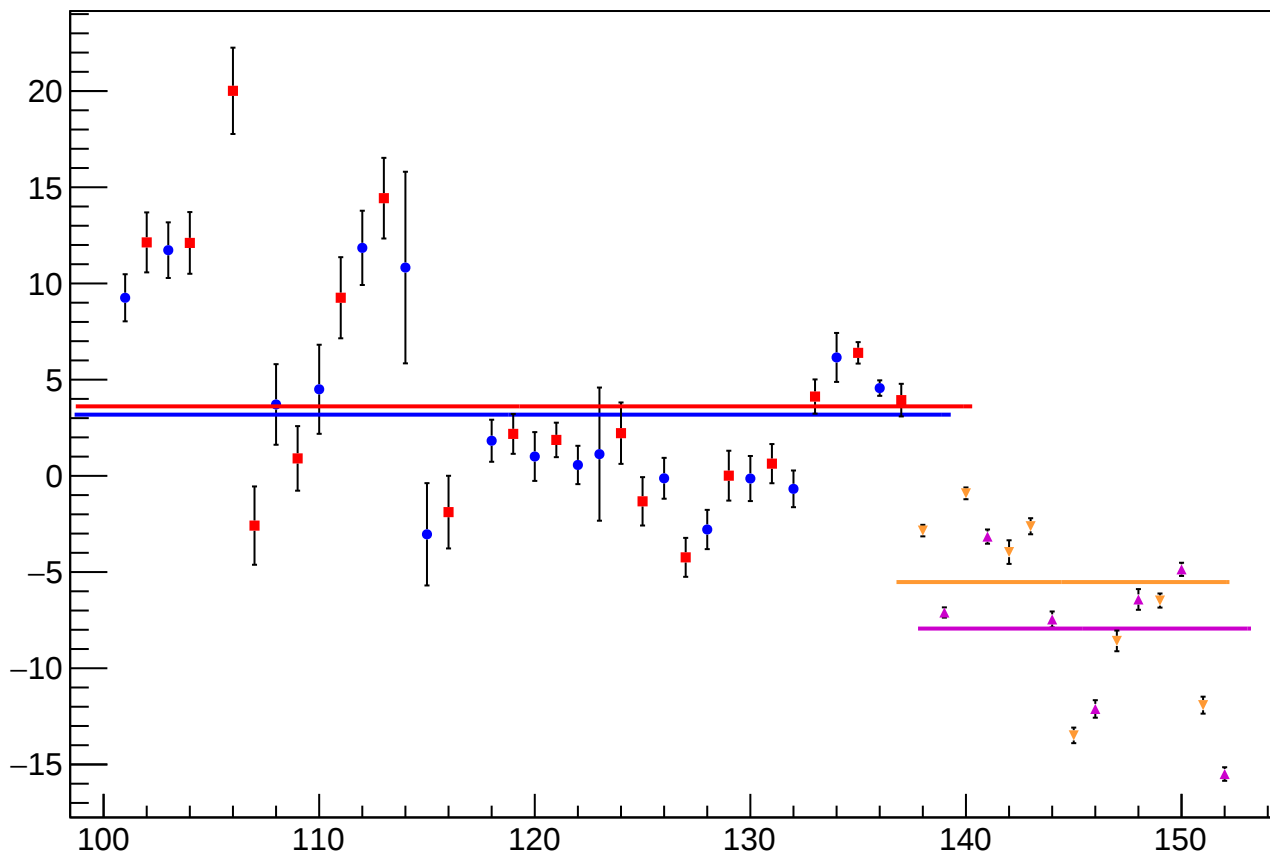
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.827 $\pm$ 0.086 χ^2 /NDF:3683.9/23

Out: -56.153 $\pm$ 0.082 χ^2 /NDF:4770.9/25

All: -56.476 $\pm$ 0.059 χ^2 /NDF: 8487.0/49

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -5.520 ± 0.138 χ^2/NDF : 997.8/7

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -7.937 ± 0.138 χ^2/NDF : 811.7/6

Left: -6.727 ± 0.098 χ^2/NDF : 1962.0/14

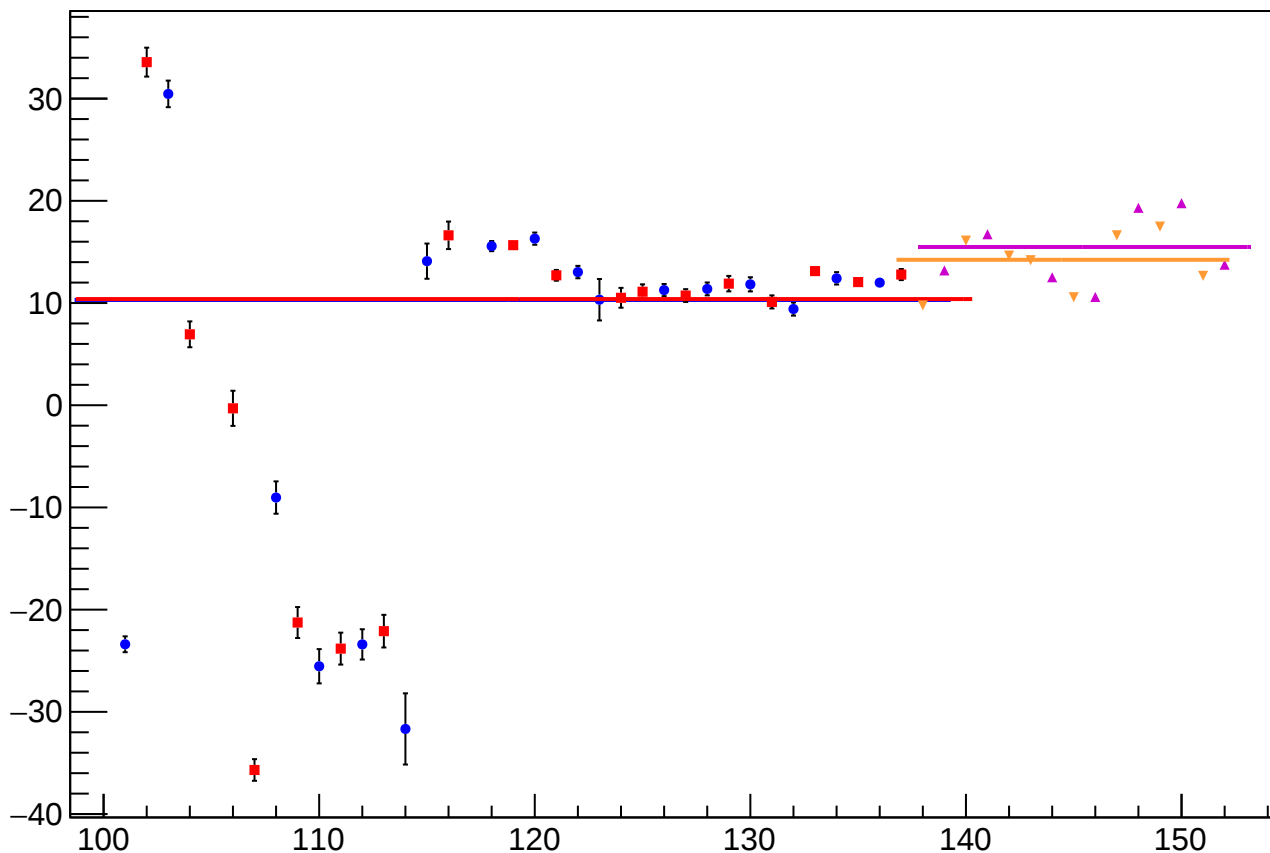
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -5.451 ± 0.122 χ^2/NDF : 2438.8/23

Out: -3.597 ± 0.123 χ^2/NDF : 2204.4/25

All: -4.531 ± 0.087 χ^2/NDF : 4757.8/49

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 14.231 $\pm$ 0.122 χ^2 /NDF:475.3/7

Right Out: 10.388 $\pm$ 0.160 χ^2 /NDF: 3786.4/17

Left In: 15.484 $\pm$ 0.128 χ^2 /NDF:637.7/6

Left: 14.823 $\pm$ 0.088 χ^2 /NDF: 1163.1/14

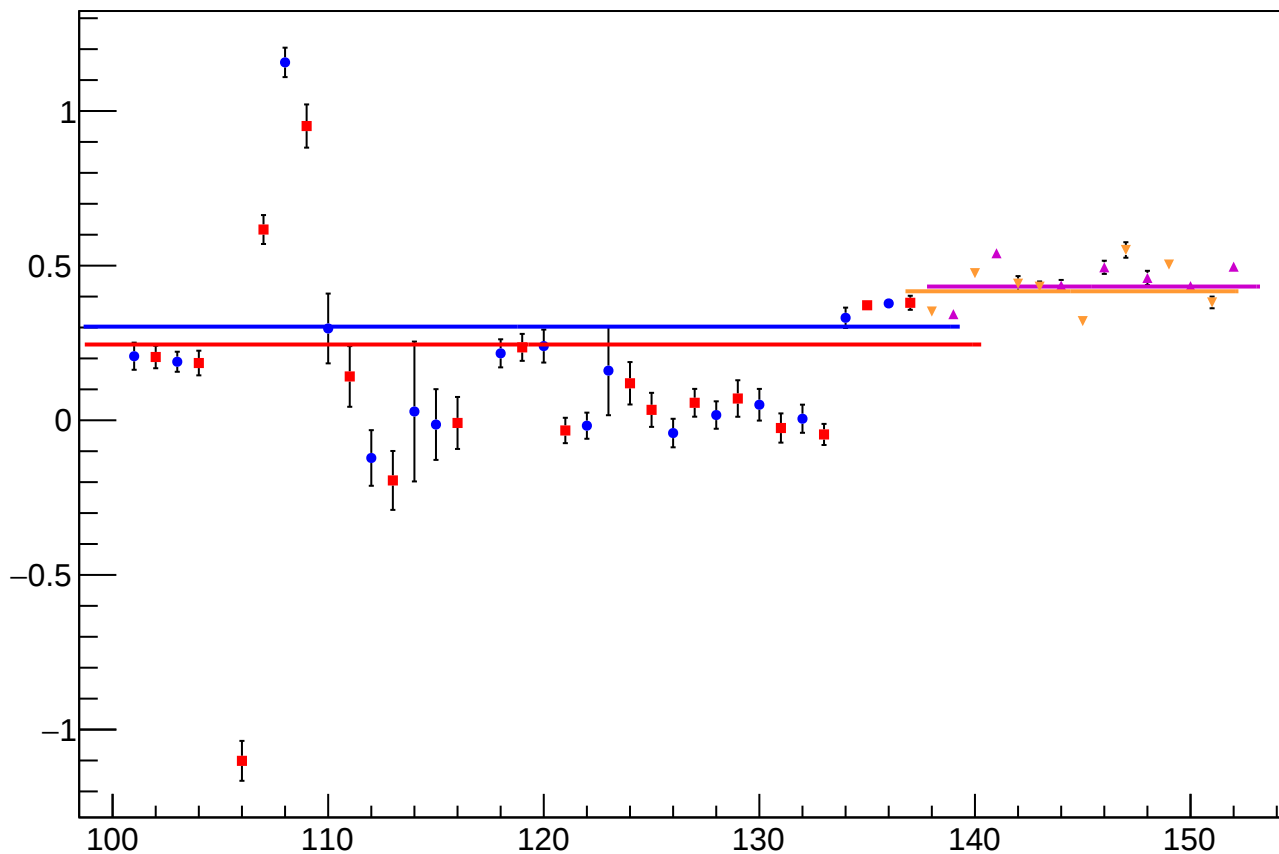
Right: 10.344 $\pm$ 0.112 χ^2 /NDF: 7485.9/34

In: 13.406 $\pm$ 0.099 χ^2 /NDF:4990.3/23

Out: 12.824 $\pm$ 0.097 χ^2 /NDF:4627.9/25

All: 13.107 $\pm$ 0.069 χ^2 /NDF: 9635.7/49

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.417 ± 0.006 χ^2/NDF : 152.1/7

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.432 ± 0.006 χ^2/NDF : 173.0/6

Left: 0.425 ± 0.004 χ^2/NDF : 328.8/14

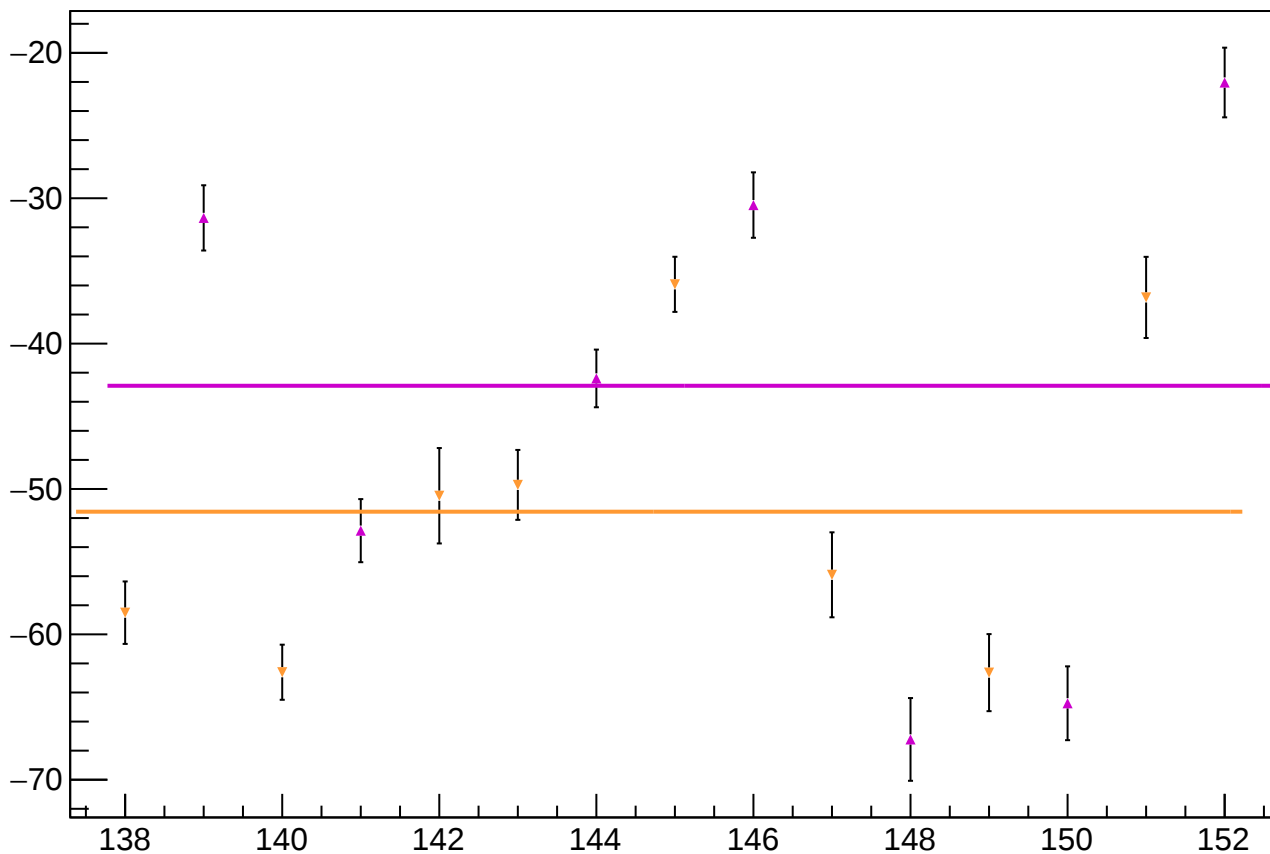
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.392 ± 0.005 χ^2/NDF : 992.2/23

Out: 0.364 ± 0.005 χ^2/NDF : 1388.4/25

All: 0.378 ± 0.003 χ^2/NDF : 2399.0/49

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: -42.900+/-0.872 χ^2/NDF :300.9/6

Left: -47.408+/-0.604 χ^2/NDF : 513.0/14

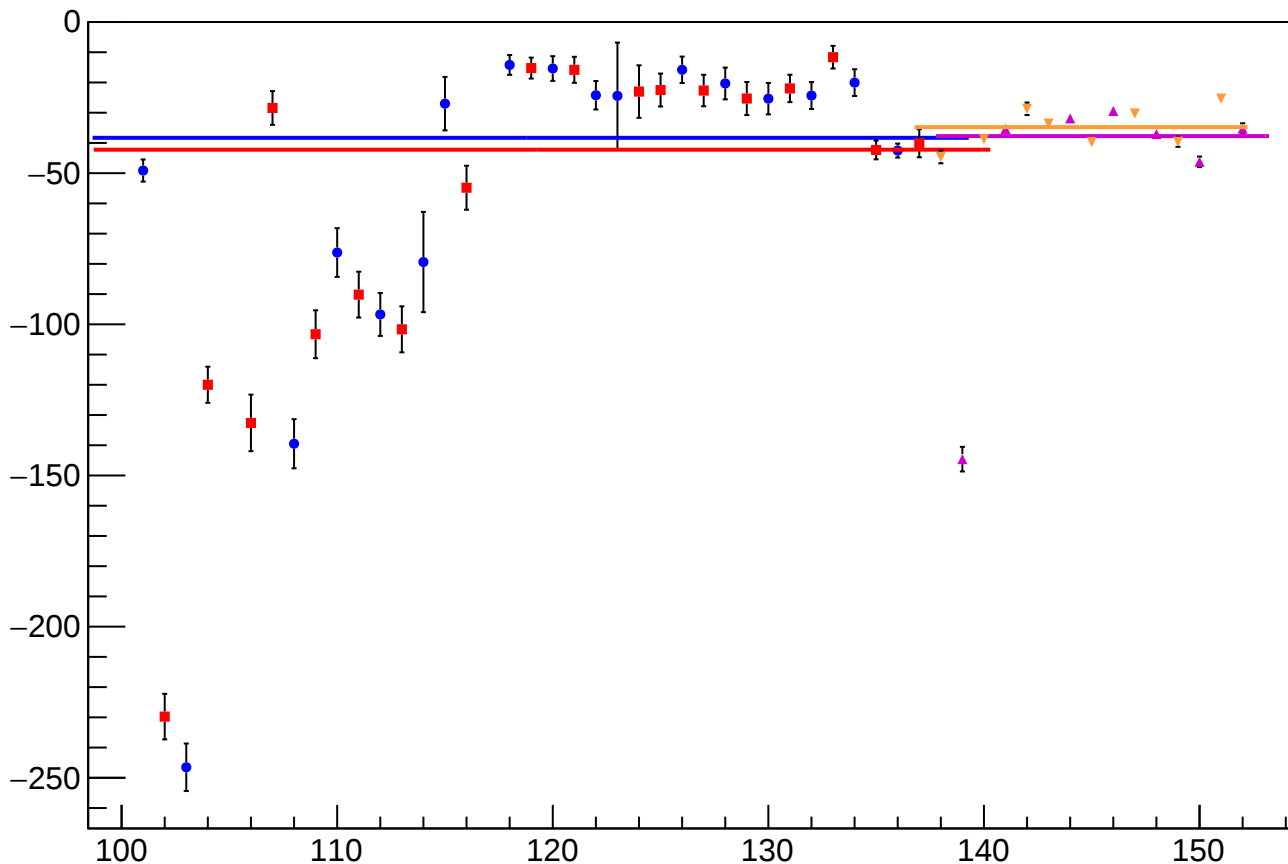
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.900+/-0.872 χ^2/NDF :300.9/6

Out: -51.562+/-0.837 χ^2/NDF :160.7/7

All: -47.408+/-0.604 χ^2/NDF : 513.0/14

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -34.777 ± 0.587 $\chi^2/\text{NDF}: 99.5/7$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -37.740 ± 0.612 $\chi^2/\text{NDF}: 770.9/6$

Left: -36.195 ± 0.424 $\chi^2/\text{NDF}: 882.6/14$

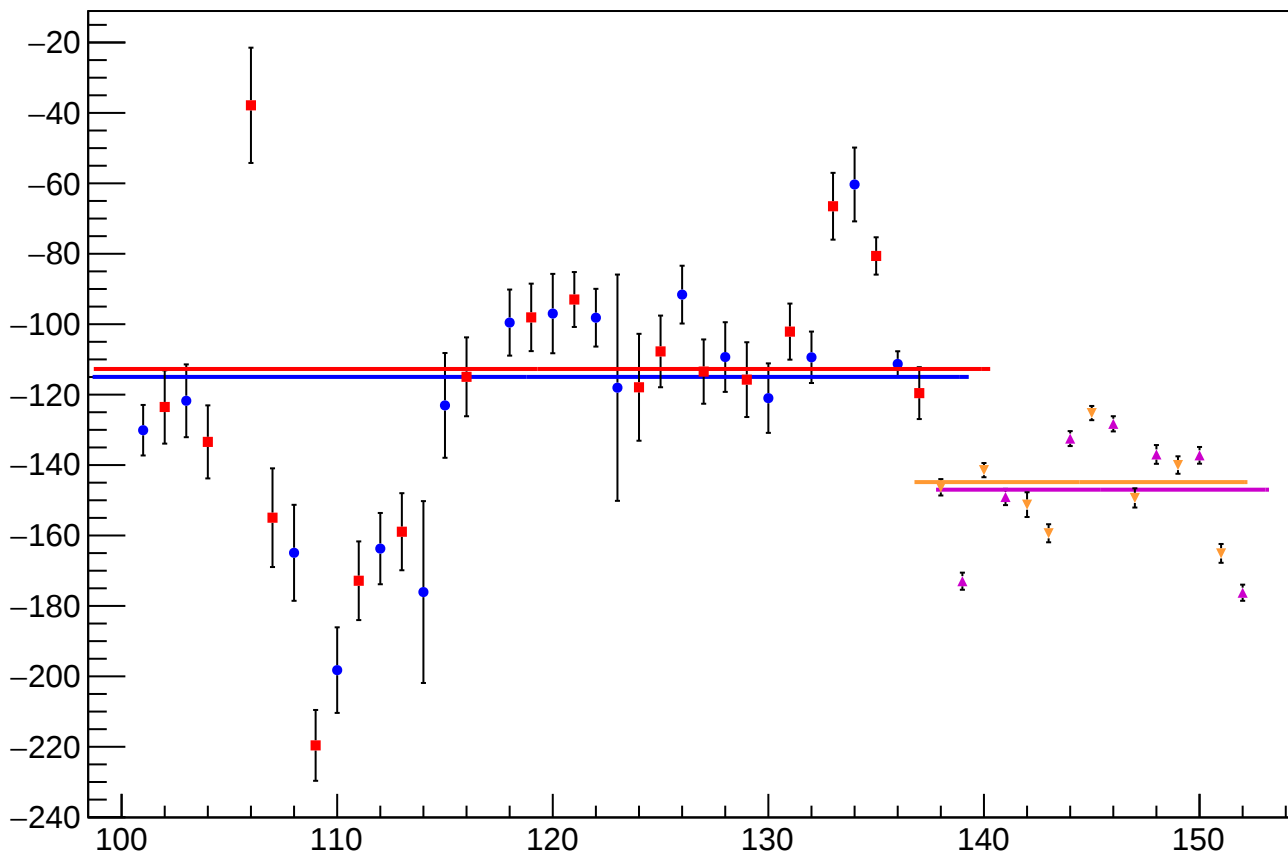
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -37.867 ± 0.539 $\chi^2/\text{NDF}: 1903.9/23$

Out: -36.196 ± 0.528 $\chi^2/\text{NDF}: 1408.4/25$

All: -37.013 ± 0.377 $\chi^2/\text{NDF}: 3317.1/49$

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: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -146.992 ± 0.877 $\chi^2/\text{NDF}: 430.9/6$

Left: -145.896 ± 0.615 $\chi^2/\text{NDF}: 630.9/14$

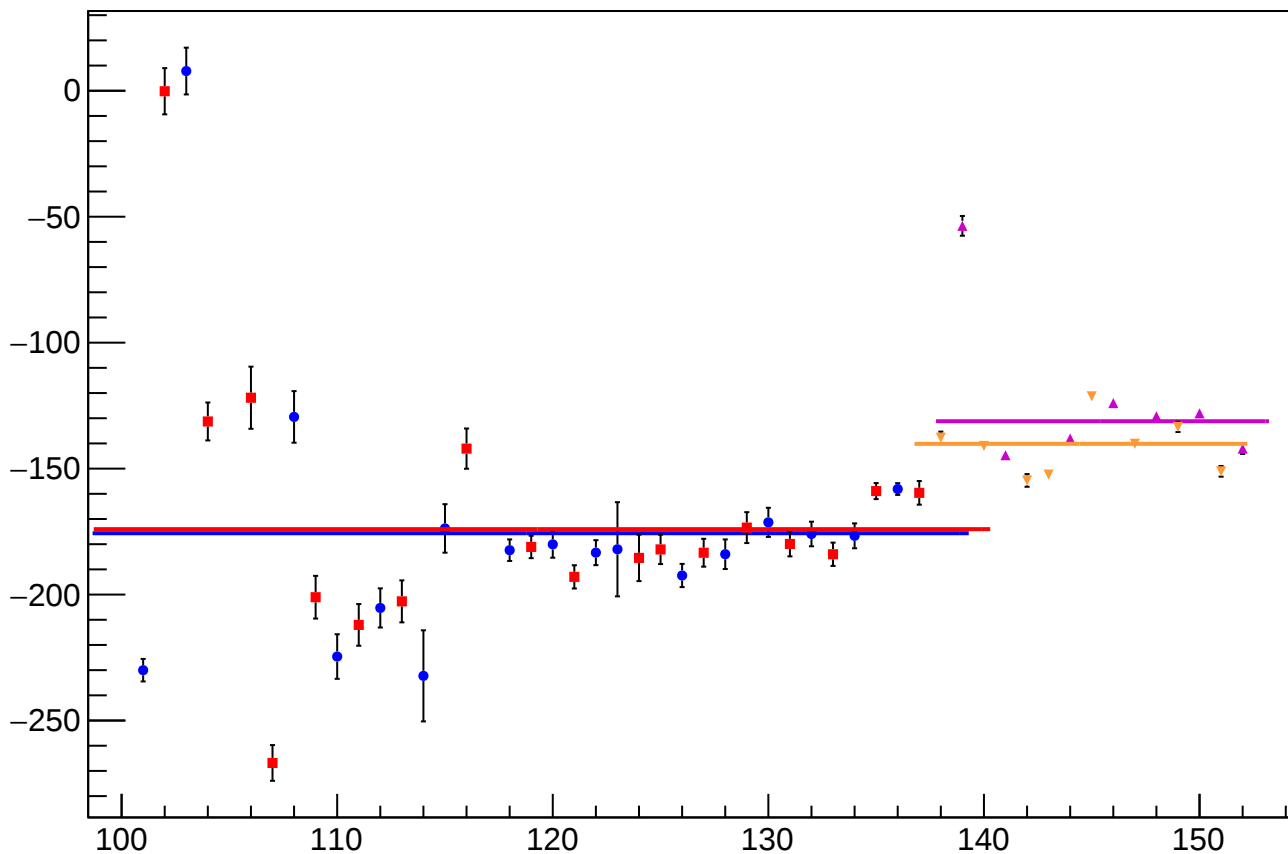
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -142.141 ± 0.807 $\chi^2/\text{NDF}: 774.5/23$

Out: -140.595 ± 0.803 $\chi^2/\text{NDF}: 647.4/25$

All: -141.364 ± 0.569 $\chi^2/\text{NDF}: 1423.7/49$

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: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -131.193 ± 0.750 χ^2/NDF : 507.2/6

Left: -135.850 ± 0.520 χ^2/NDF : 805.7/14

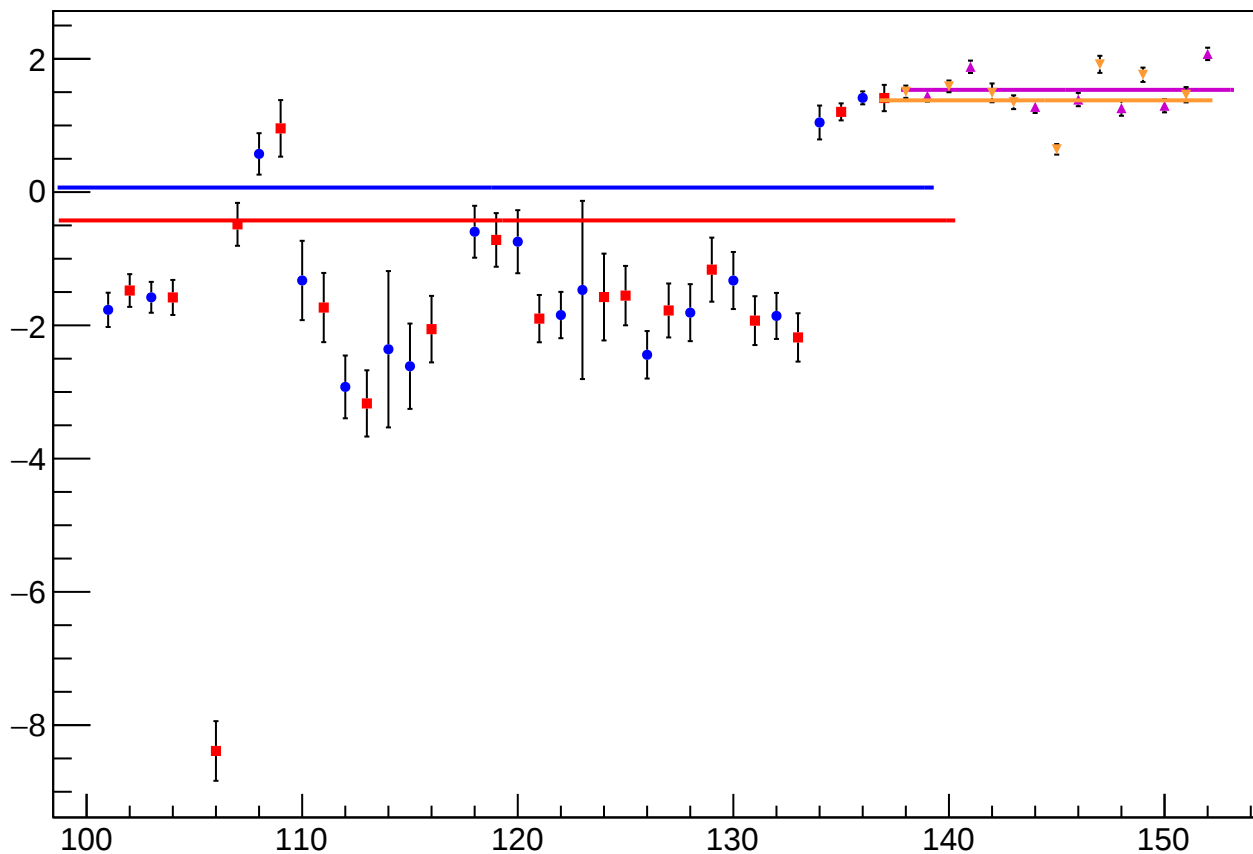
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -142.695 ± 0.646 χ^2/NDF : 2109.0/23

Out: -147.631 ± 0.637 χ^2/NDF : 1414.4/25

All: -145.197 ± 0.453 χ^2/NDF : 3553.0/49

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.377 ± 0.036 χ^2/NDF : 125.7/7

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.535 ± 0.036 χ^2/NDF : 69.7/6

Left: 1.455 ± 0.026 χ^2/NDF : 204.9/14

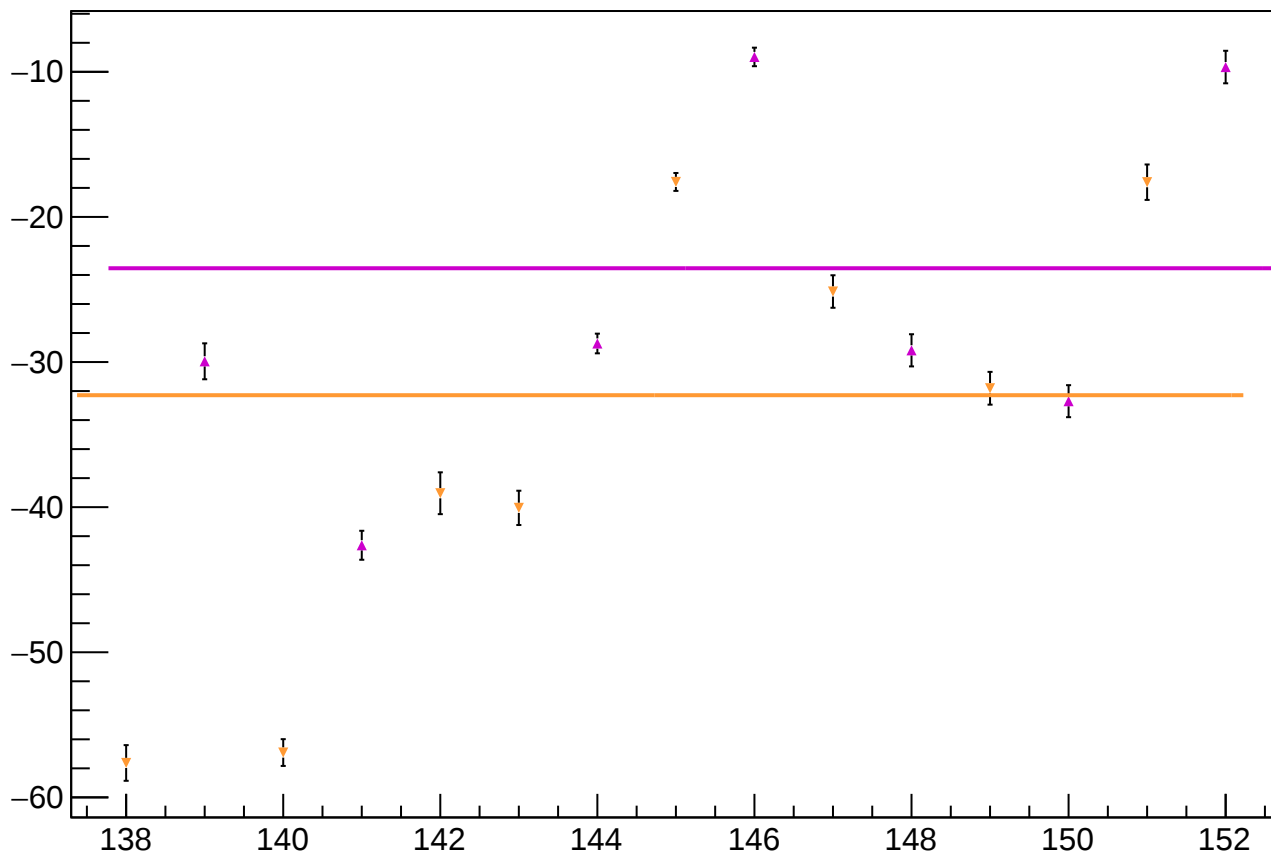
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.202 ± 0.032 χ^2/NDF : 965.8/23

Out: 1.011 ± 0.032 χ^2/NDF : 1378.7/25

All: 1.107 ± 0.023 χ^2/NDF : 2362.3/49

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: -23.536 ± 0.339 χ^2/NDF : 1219.0/6

Left: -27.699 ± 0.245 χ^2/NDF : 3491.4/14

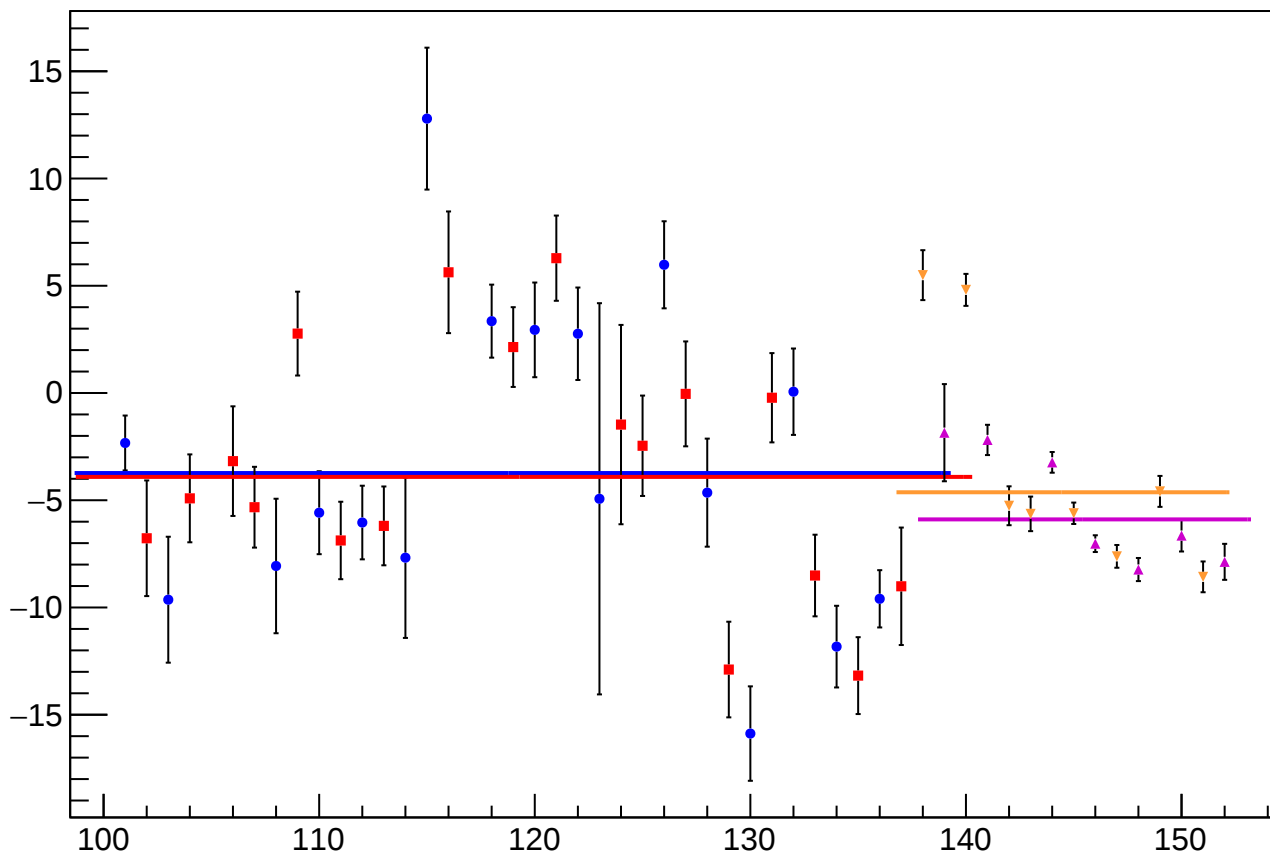
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -23.536 ± 0.339 χ^2/NDF : 1219.0/6

Out: -32.285 ± 0.356 χ^2/NDF : 1955.0/7

All: -27.699 ± 0.245 χ^2/NDF : 3491.4/14

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.628 ± 0.244 $\chi^2/\text{NDF}: 303.7/7$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -5.893 ± 0.225 $\chi^2/\text{NDF}: 94.9/6$

Left: -5.313 ± 0.166 $\chi^2/\text{NDF}: 413.1/14$

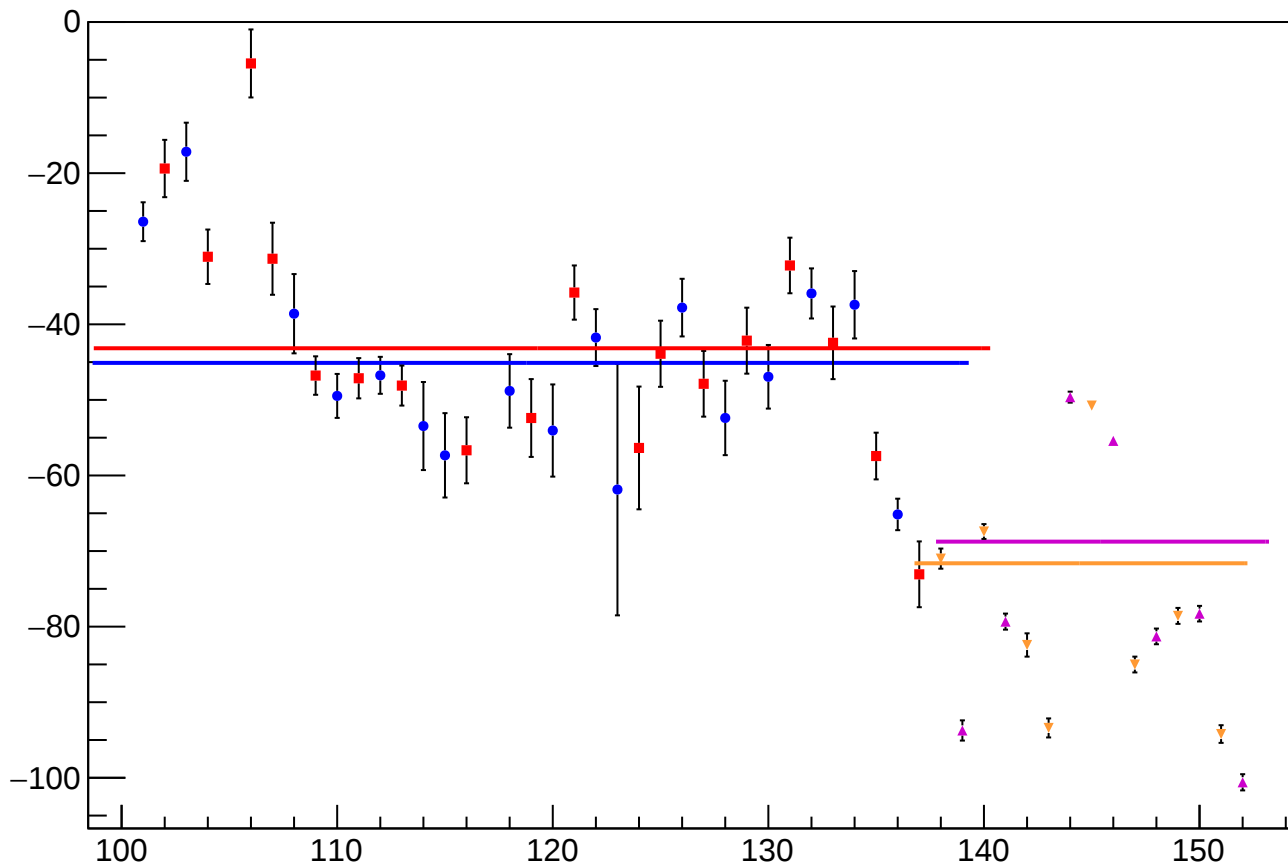
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -5.524 ± 0.205 $\chi^2/\text{NDF}: 276.5/23$

Out: -4.493 ± 0.220 $\chi^2/\text{NDF}: 430.1/25$

All: -5.045 ± 0.150 $\chi^2/\text{NDF}: 718.4/49$

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: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -68.754 ± 0.338 χ^2/NDF : 2724.7/6

Left: -70.079 ± 0.248 χ^2/NDF : 4718.9/14

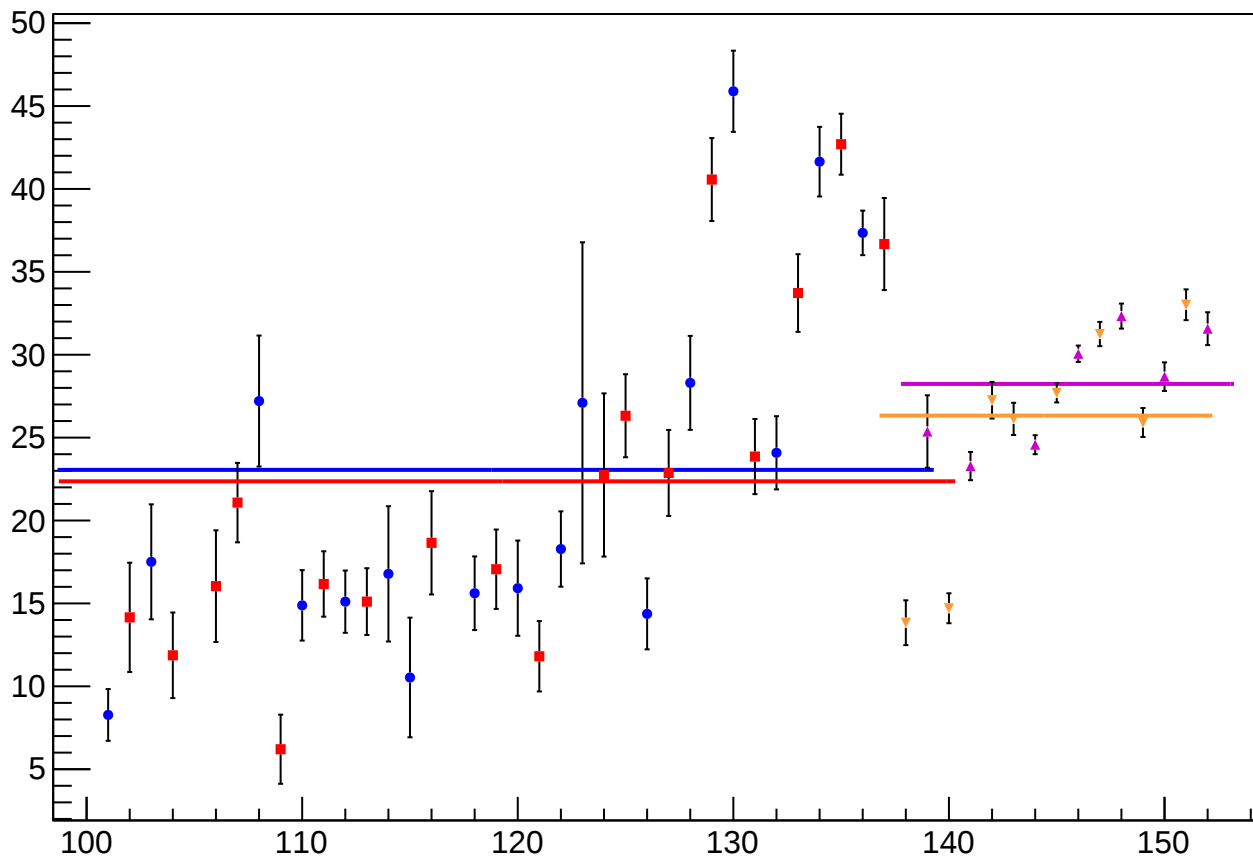
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -65.722 ± 0.316 χ^2/NDF : 3581.4/23

Out: -67.442 ± 0.337 χ^2/NDF : 3087.5/25

All: -66.527 ± 0.230 χ^2/NDF : 6682.8/49

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: 22.365 ± 0.573 $\chi^2/\text{NDF}: 368.8/17$

Left In: 28.239 ± 0.279 $\chi^2/\text{NDF}: 131.0/6$

Left: 27.357 ± 0.205 $\chi^2/\text{NDF}: 507.5/14$

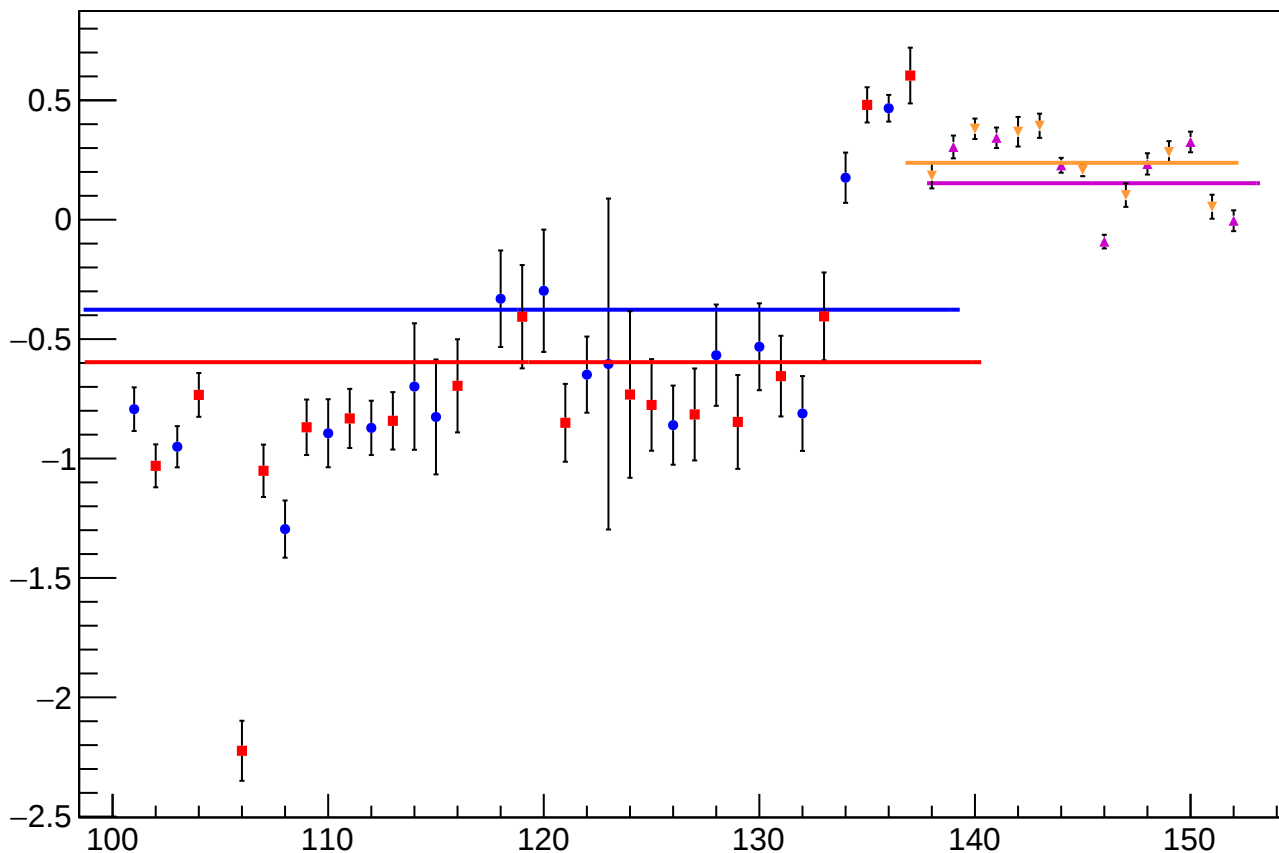
Right: 22.720 ± 0.399 $\chi^2/\text{NDF}: 830.6/34$

In: 27.199 ± 0.250 $\chi^2/\text{NDF}: 661.3/23$

Out: 25.468 ± 0.267 $\chi^2/\text{NDF}: 761.1/25$

All: 26.391 ± 0.182 $\chi^2/\text{NDF}: 1444.9/49$

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: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.153 ± 0.014 $\chi^2/\text{NDF}: 140.5/6$

Left: 0.193 ± 0.010 $\chi^2/\text{NDF}: 206.1/14$

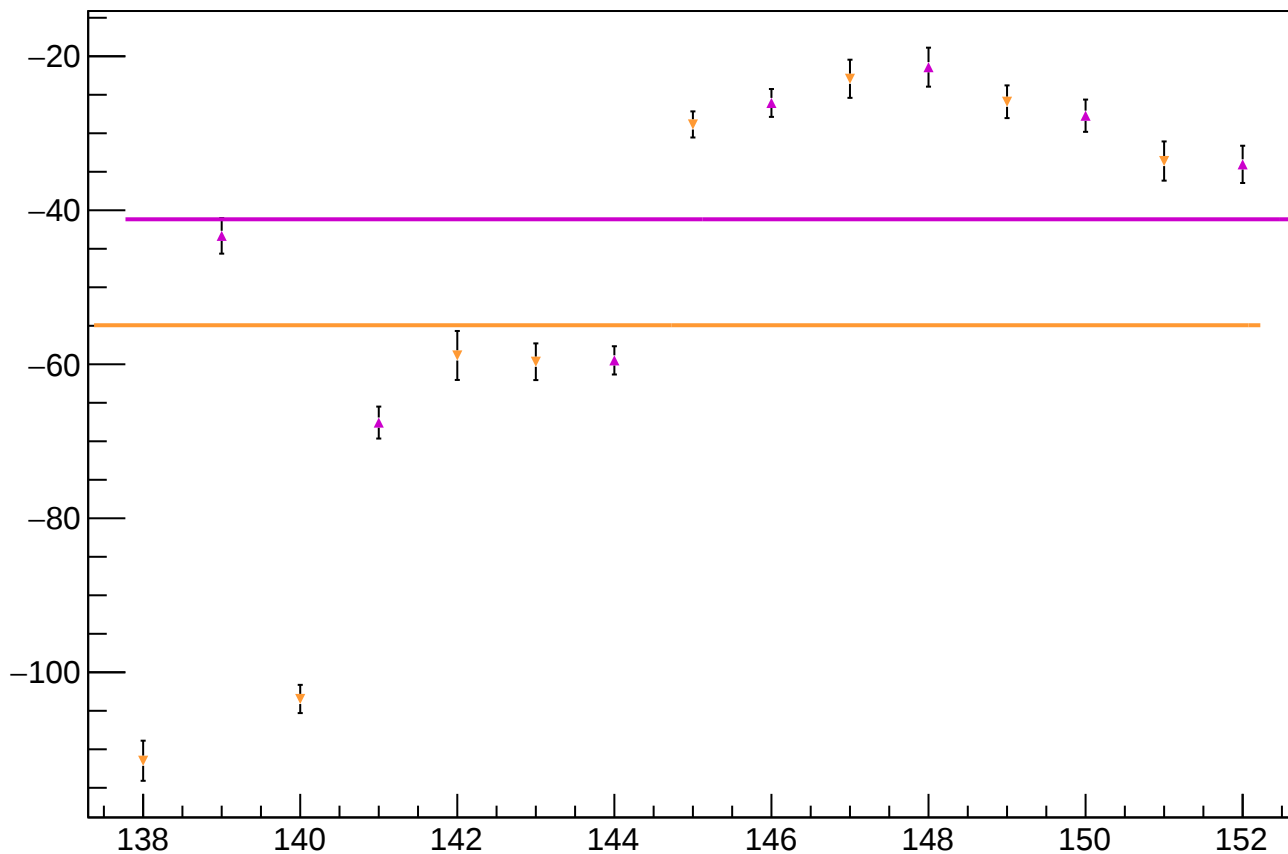
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.054 ± 0.013 $\chi^2/\text{NDF}: 829.4/23$

Out: 0.070 ± 0.014 $\chi^2/\text{NDF}: 1208.7/25$

All: 0.061 ± 0.009 $\chi^2/\text{NDF}: 2038.9/49$

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: -41.171+/-0.796 χ^2/NDF :442.9/6

Left: -48.116+/-0.560 χ^2/NDF : 2432.4/14

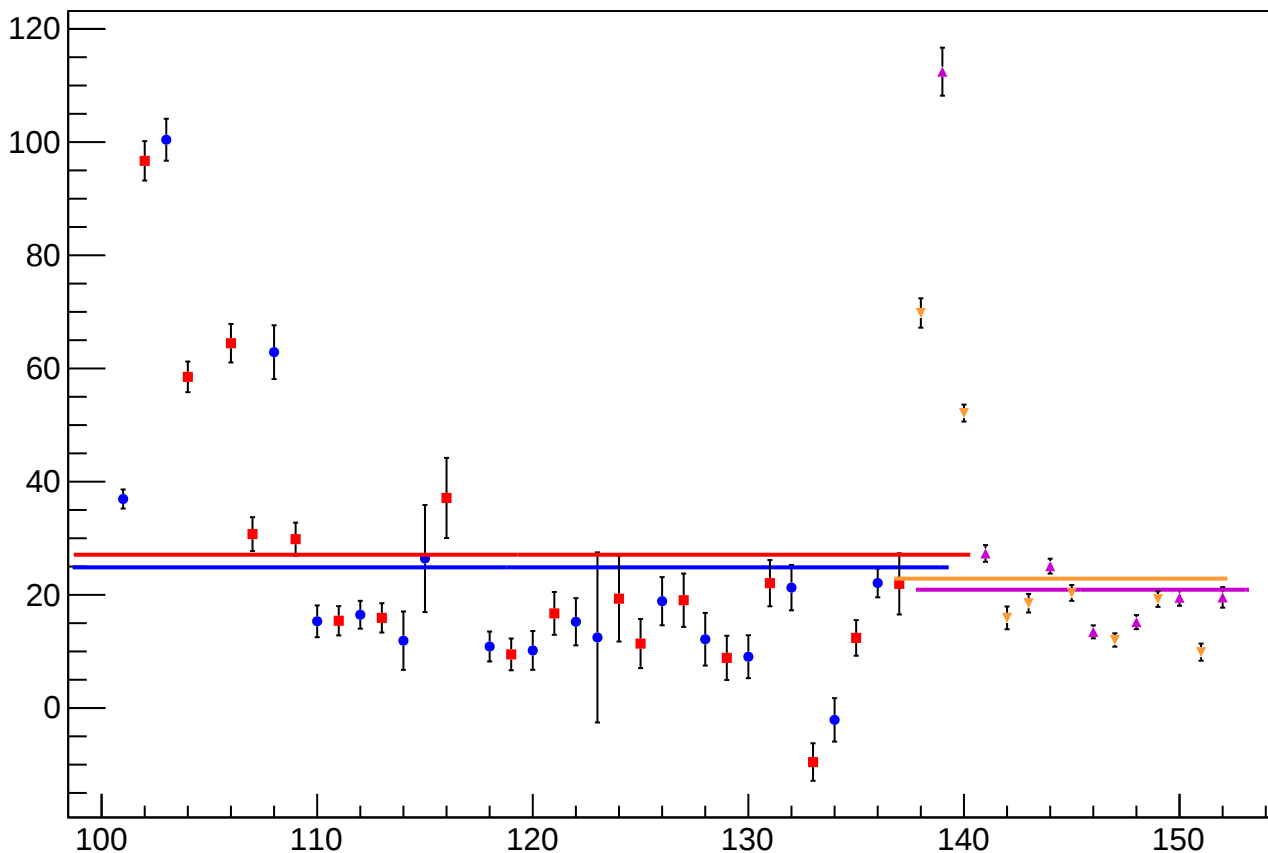
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.171+/-0.796 χ^2/NDF :442.9/6

Out: -54.929+/-0.789 χ^2/NDF :1838.8/7

All: -48.116+/-0.560 χ^2/NDF : 2432.4/14

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 22.867 $\pm$ 0.541 χ^2 /NDF:895.5/7

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 20.908 $\pm$ 0.551 χ^2 /NDF:559.0/6

Left: 21.905 $\pm$ 0.386 χ^2 /NDF: 1461.0/14

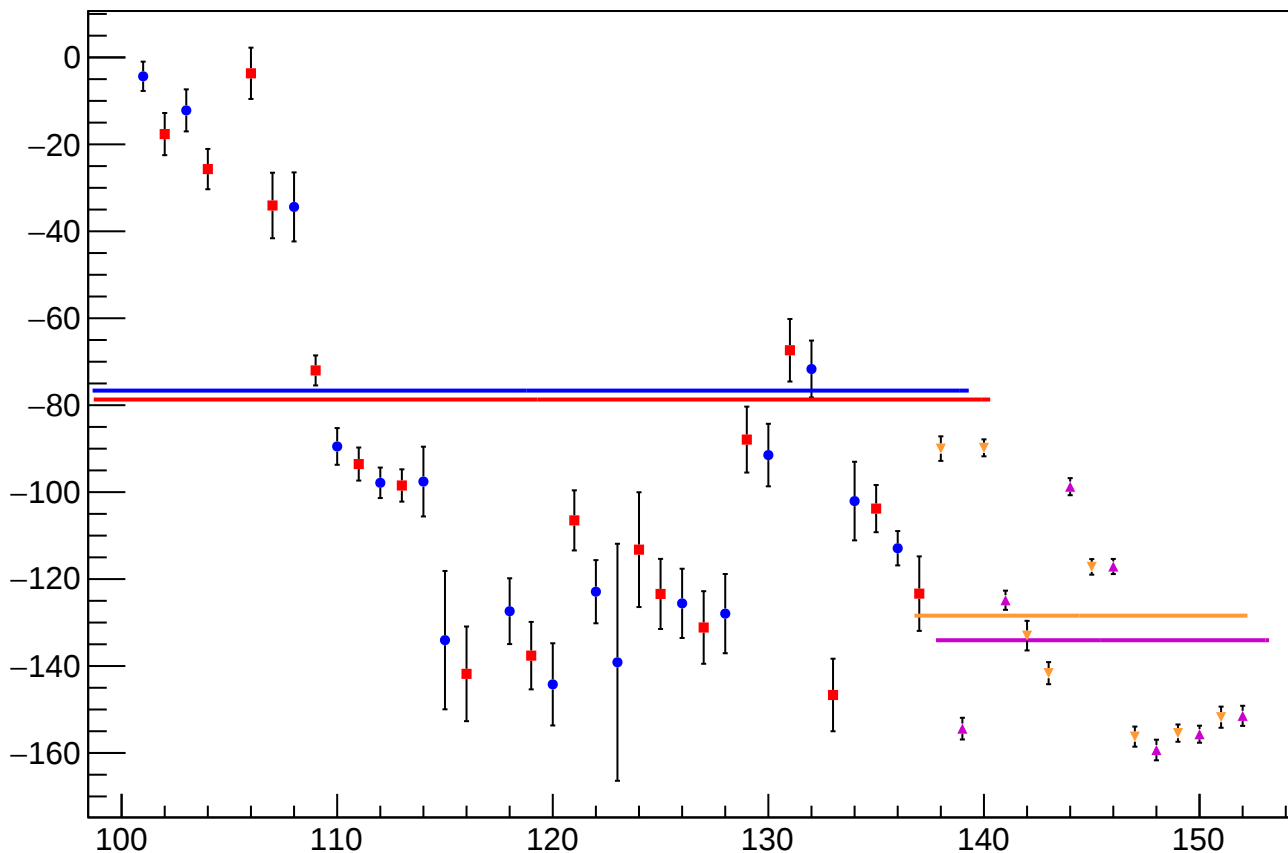
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 22.175 $\pm$ 0.454 χ^2 /NDF:1266.6/23

Out: 24.168 $\pm$ 0.450 χ^2 /NDF:1845.2/25

All: 23.180 $\pm$ 0.320 χ^2 /NDF: 3121.5/49

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -128.409 ± 0.803 $\chi^2/\text{NDF}: 1066.3/7$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -134.064 ± 0.796 $\chi^2/\text{NDF}: 792.8/6$

Left: -131.263 ± 0.565 $\chi^2/\text{NDF}: 1884.1/14$

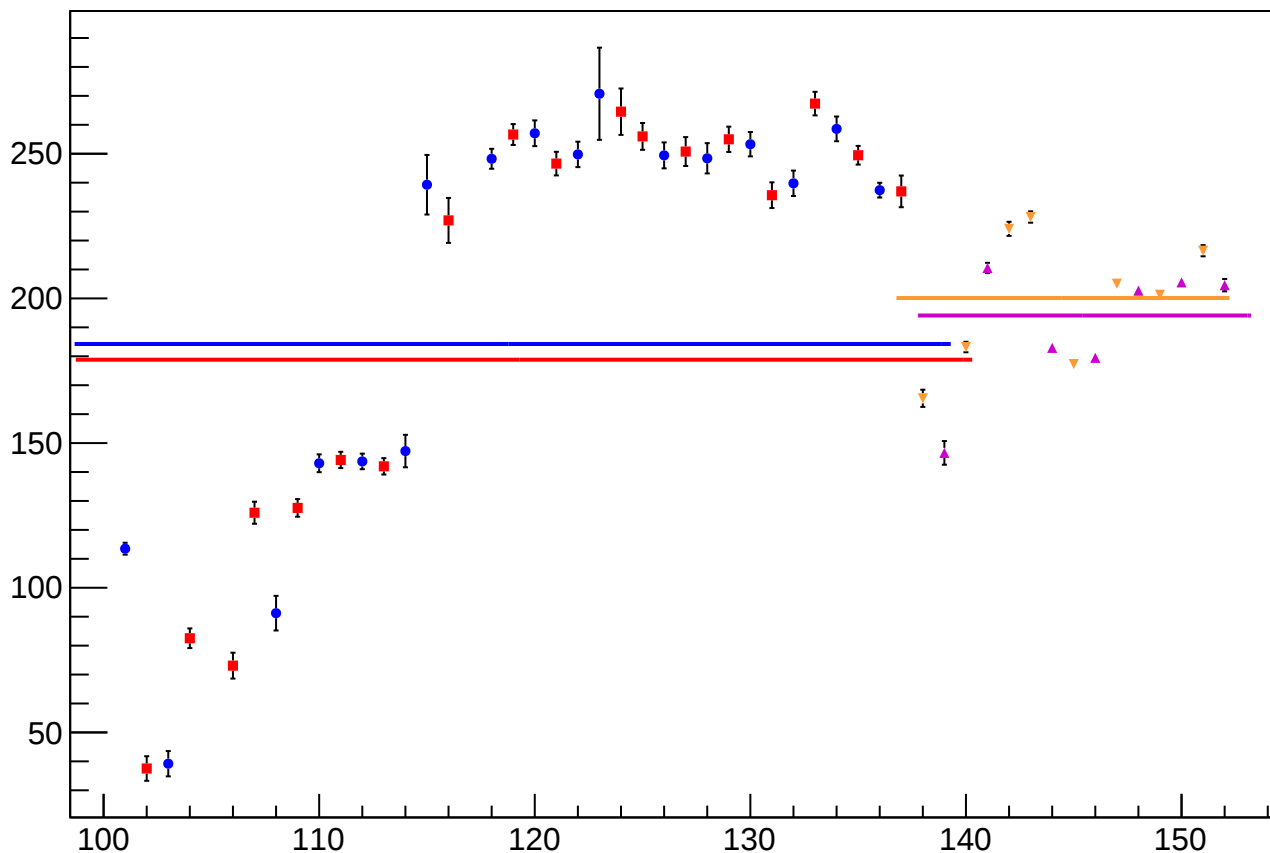
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -120.267 ± 0.693 $\chi^2/\text{NDF}: 3085.0/23$

Out: -115.550 ± 0.692 $\chi^2/\text{NDF}: 2893.5/25$

All: -117.902 ± 0.490 $\chi^2/\text{NDF}: 6001.7/49$

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: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 194.092 $\pm$ 0.674 χ^2 /NDF:473.5/6

Left: 197.146 $\pm$ 0.474 χ^2 /NDF: 1320.3/14

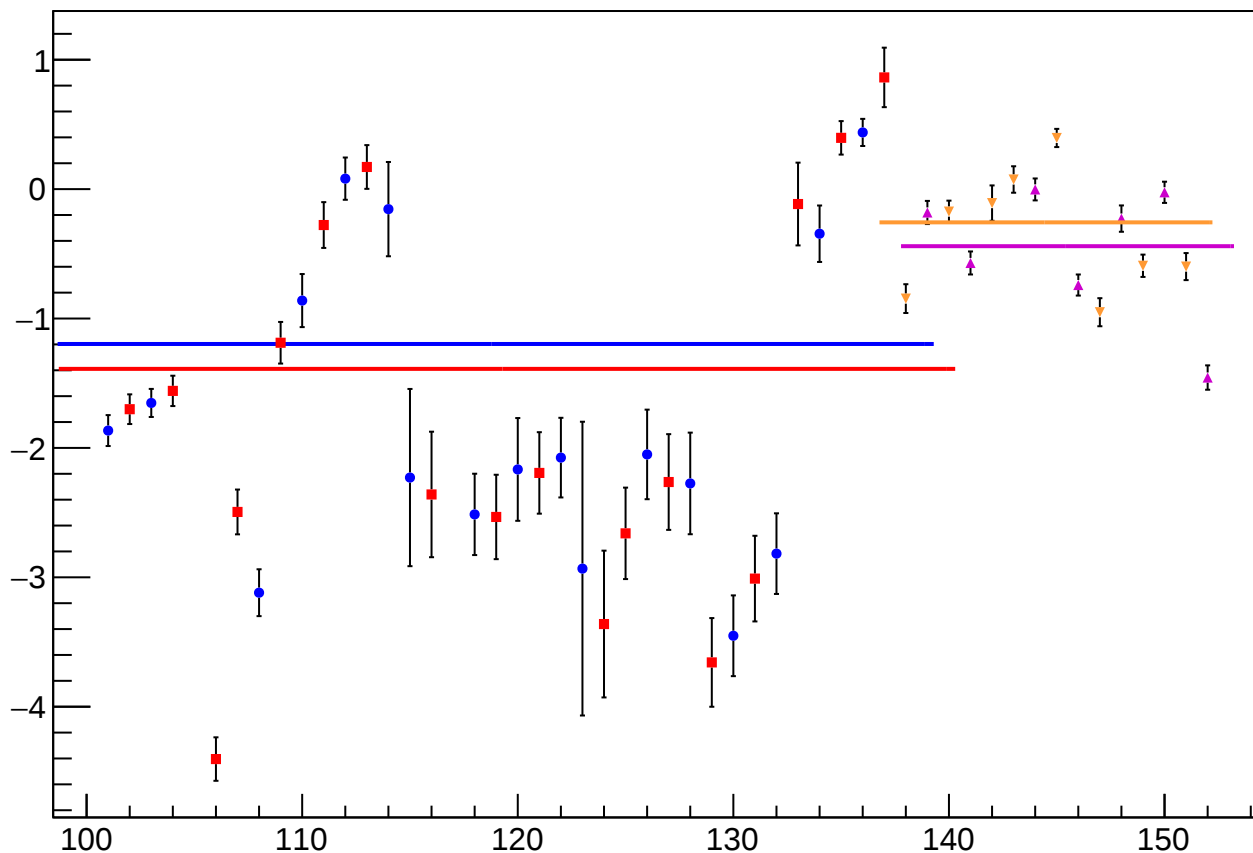
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 190.631 $\pm$ 0.543 χ^2 /NDF:5937.2/23

Out: 192.855 $\pm$ 0.541 χ^2 /NDF:7326.1/25

All: 191.746 $\pm$ 0.383 χ^2 /NDF: 13271.7/49

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: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.441 ± 0.033 χ^2/NDF : 197.4/6

Left: -0.350 ± 0.024 χ^2/NDF : 406.0/14

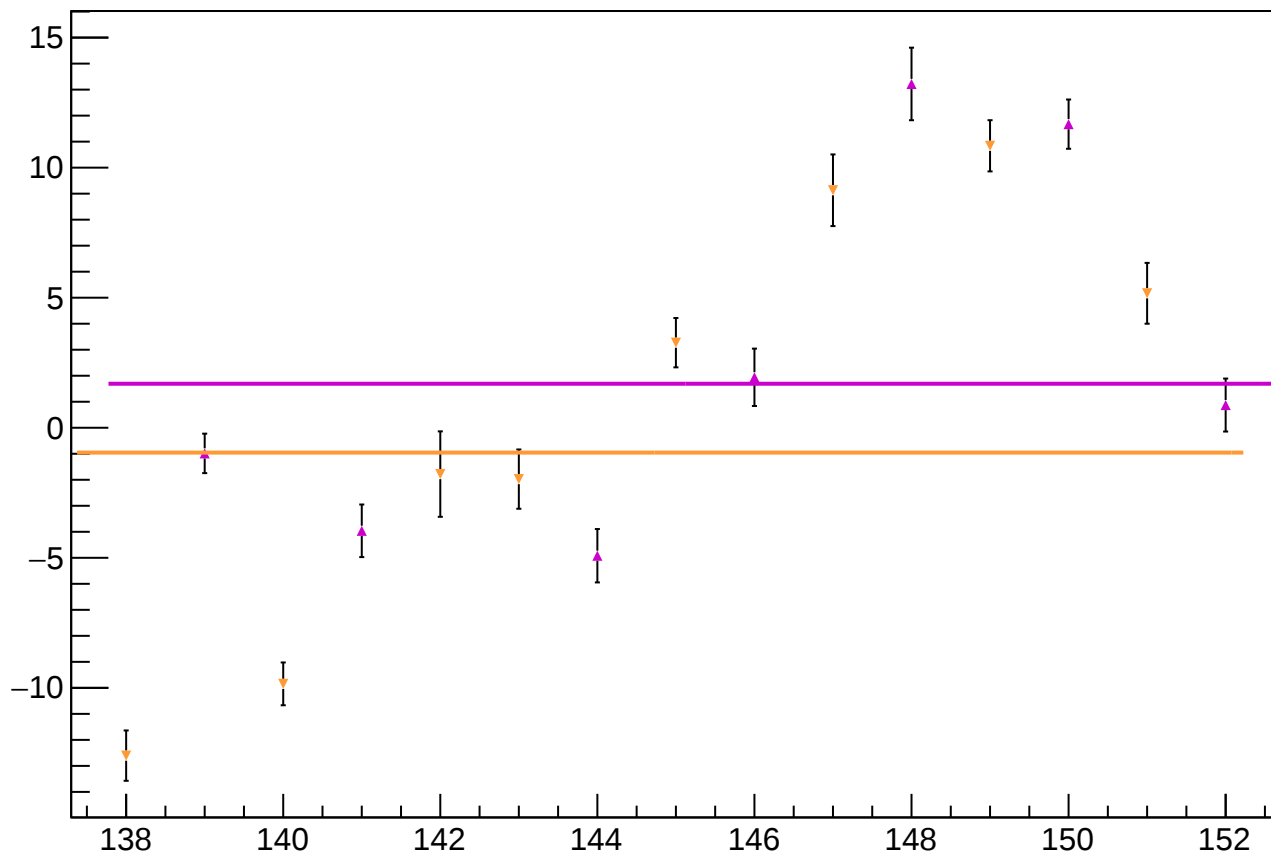
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.686 ± 0.027 χ^2/NDF : 985.5/23

Out: -0.651 ± 0.027 χ^2/NDF : 1509.6/25

All: -0.668 ± 0.019 χ^2/NDF : 2495.9/49

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.955+/-0.376 χ^2/NDF : 507.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.692+/-0.376 χ^2/NDF : 265.3/6

Left: 0.368+/-0.266 χ^2/NDF : 797.4/14

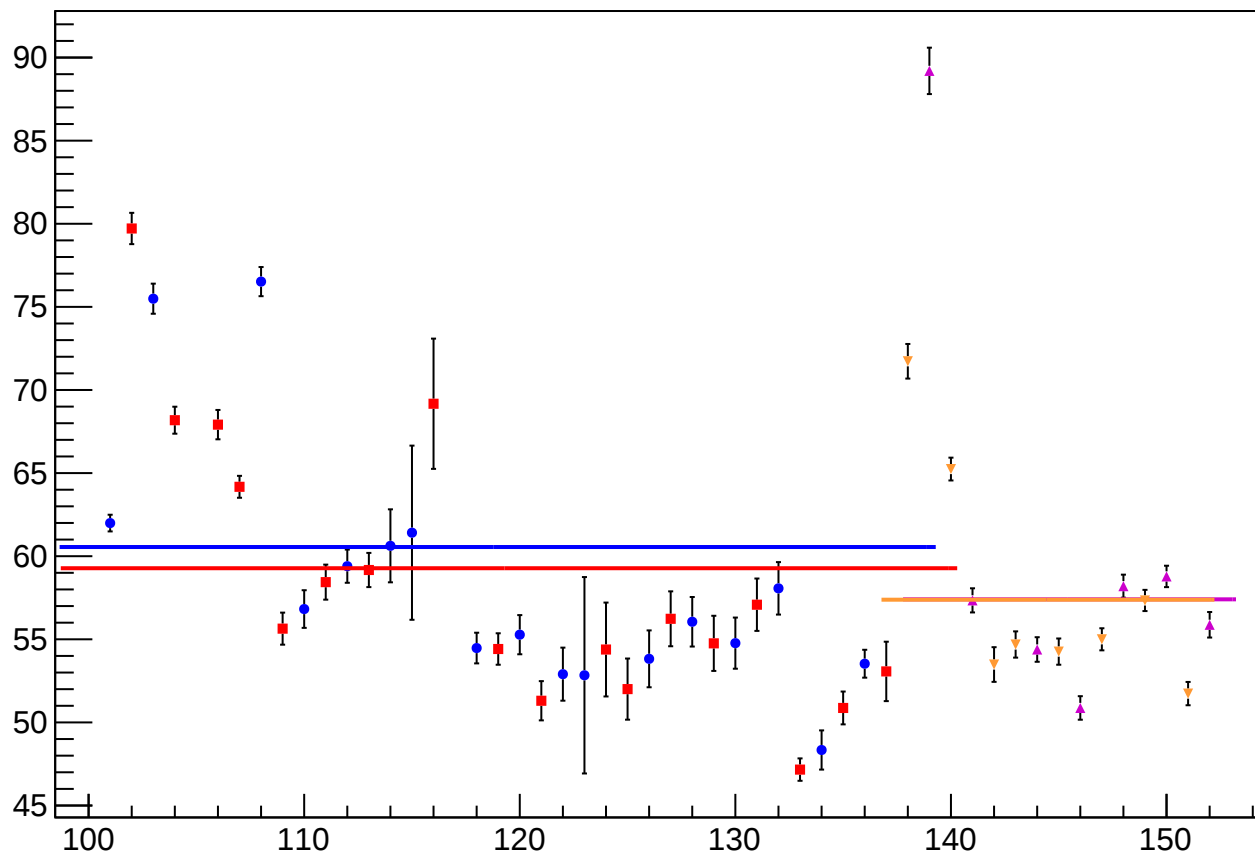
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.692+/-0.376 χ^2/NDF : 265.3/6

Out: -0.955+/-0.376 χ^2/NDF : 507.3/7

All: 0.368+/-0.266 χ^2/NDF : 797.4/14

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 57.383 ± 0.268 $\chi^2/\text{NDF}: 439.9/7$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 57.405 ± 0.284 $\chi^2/\text{NDF}: 630.4/6$

Left: 57.393 ± 0.195 $\chi^2/\text{NDF}: 1070.3/14$

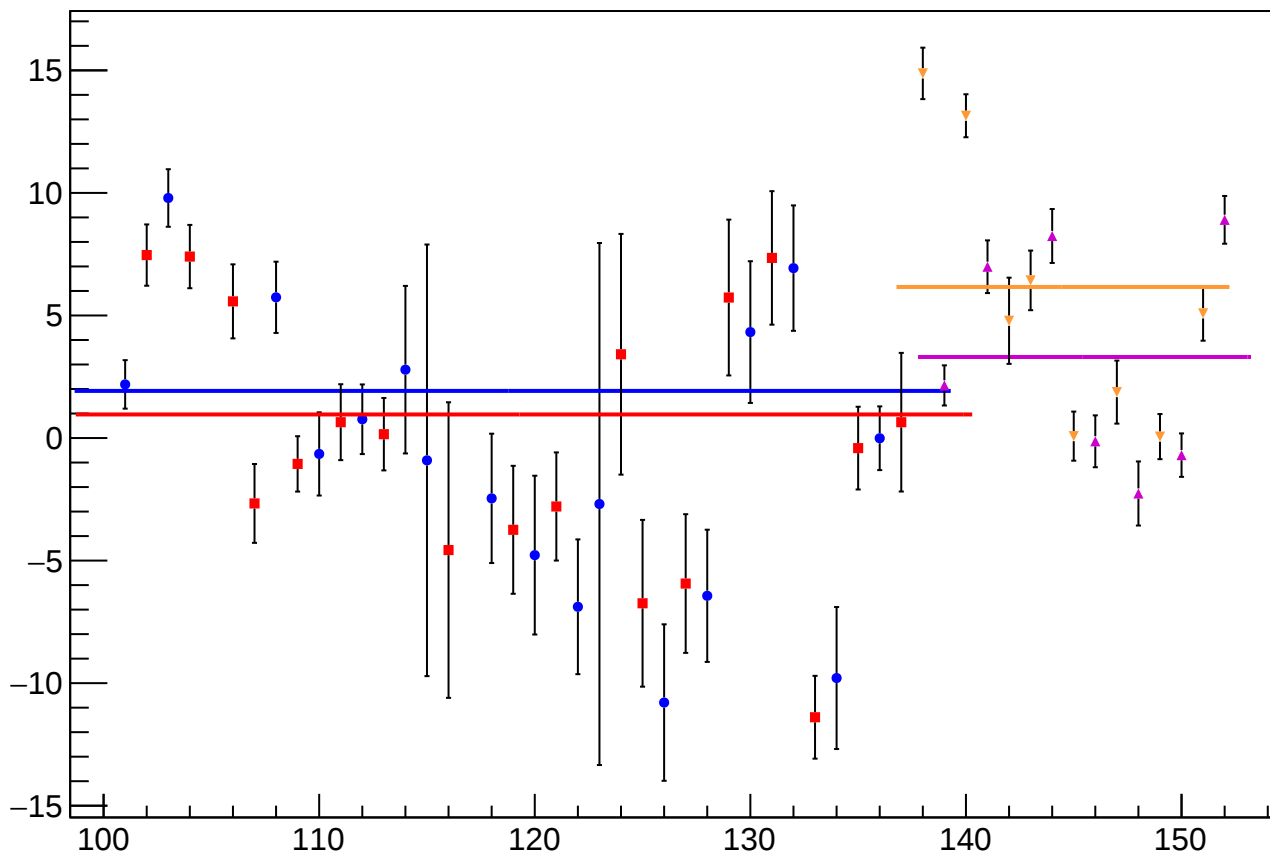
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 59.105 ± 0.192 $\chi^2/\text{NDF}: 1627.9/23$

Out: 58.399 ± 0.182 $\chi^2/\text{NDF}: 1741.5/25$

All: 58.733 ± 0.132 $\chi^2/\text{NDF}: 3376.5/49$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 6.163 ± 0.384 $\chi^2/\text{NDF}: 226.0/7$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 3.307 ± 0.378 $\chi^2/\text{NDF}: 116.0/6$

Left: 4.715 ± 0.269 $\chi^2/\text{NDF}: 370.1/14$

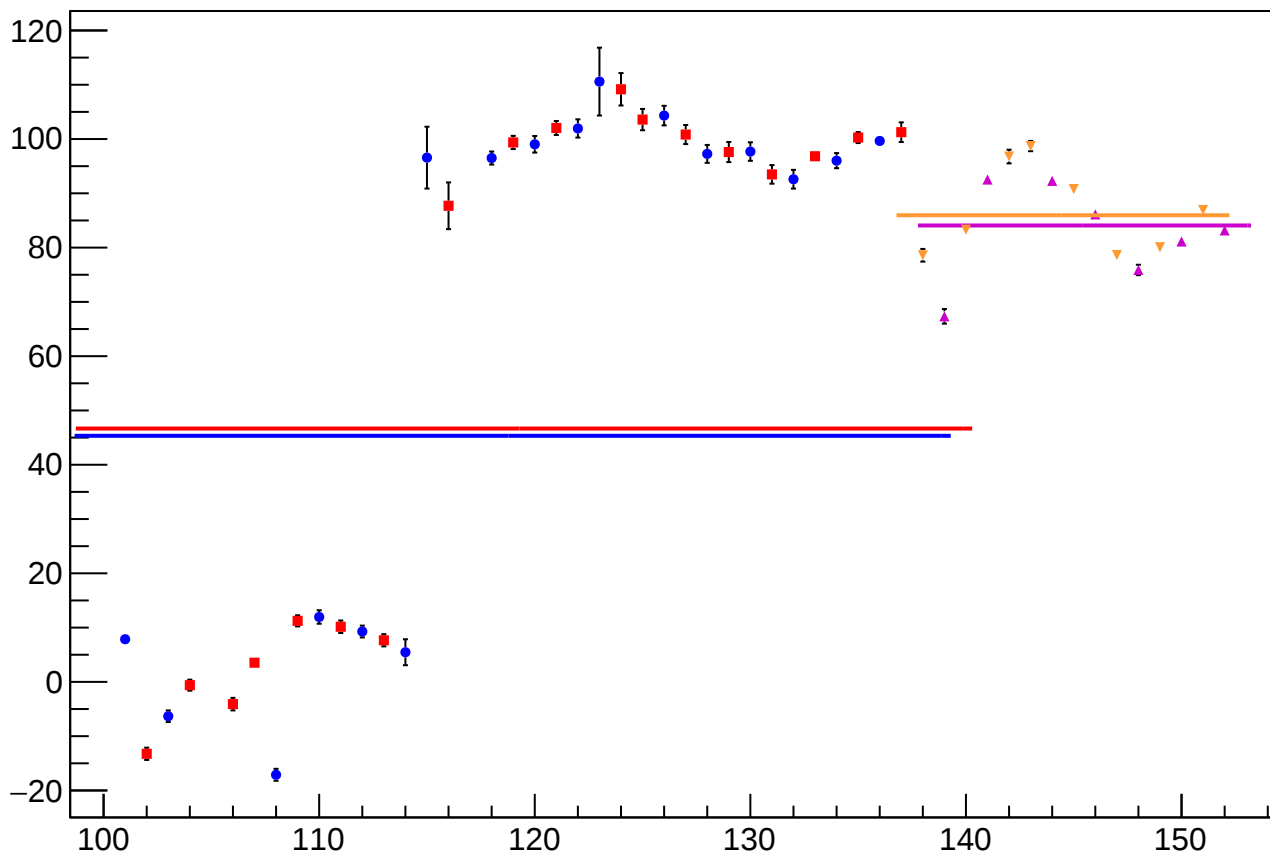
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 2.746 ± 0.292 $\chi^2/\text{NDF}: 242.5/23$

Out: 3.856 ± 0.286 $\chi^2/\text{NDF}: 457.6/25$

All: 3.311 ± 0.204 $\chi^2/\text{NDF}: 707.5/49$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2 /NDF: 25006.9/16

Left Out: 85.957+/-0.327 χ^2 /NDF:459.9/7

Right Out: 46.673+/-0.291 χ^2 /NDF: 27896.8/17

Left In: 84.078+/-0.341 χ^2 /NDF:433.2/6

Left: 85.056+/-0.236 χ^2 /NDF: 909.0/14

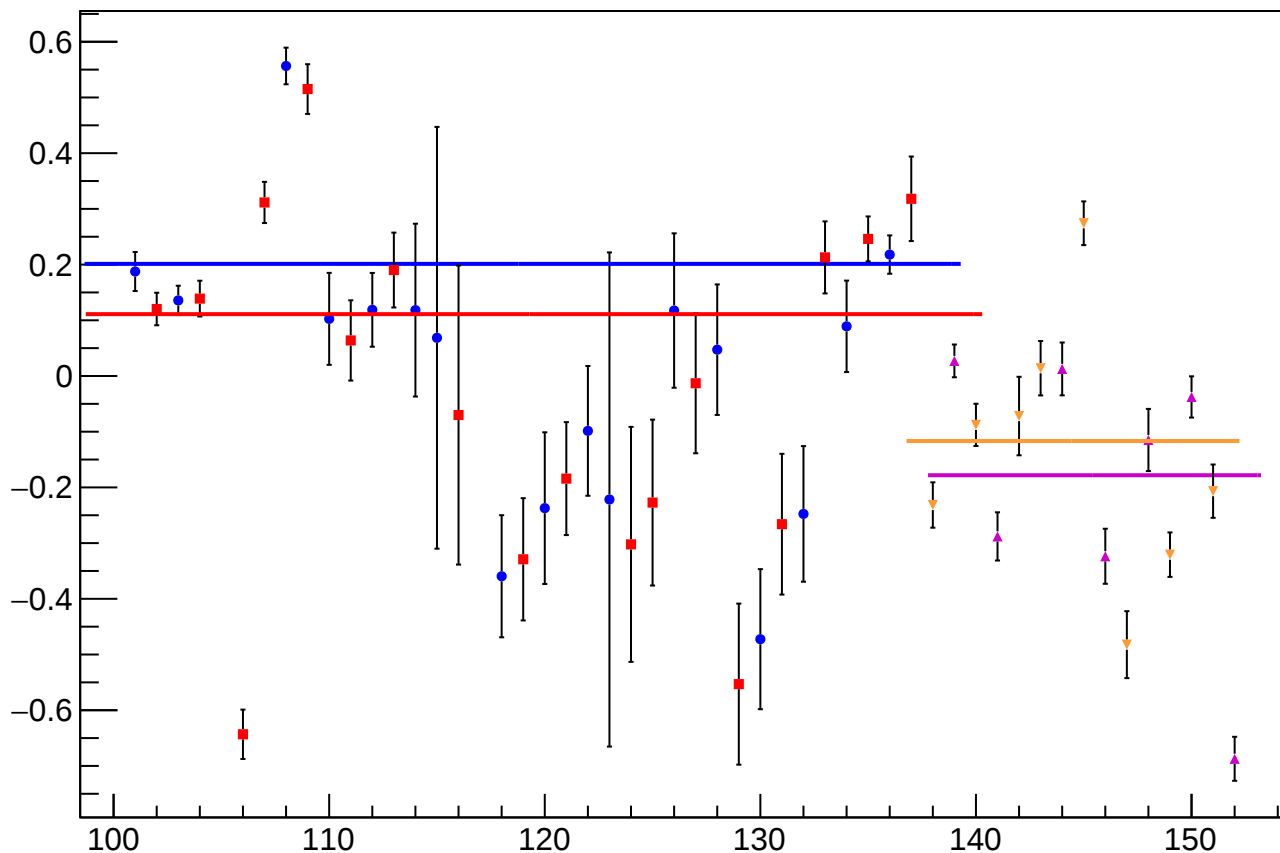
Right: 46.031+/-0.210 χ^2 /NDF: 52913.9/34

In: 62.479+/-0.227 χ^2 /NDF:32648.9/23

Out: 64.017+/-0.217 χ^2 /NDF:36415.7/25

All: 63.280+/-0.157 χ^2 /NDF: 69088.5/49

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: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.178 ± 0.015 χ^2/NDF : 261.8/6

Left: -0.149 ± 0.011 χ^2/NDF : 451.5/14

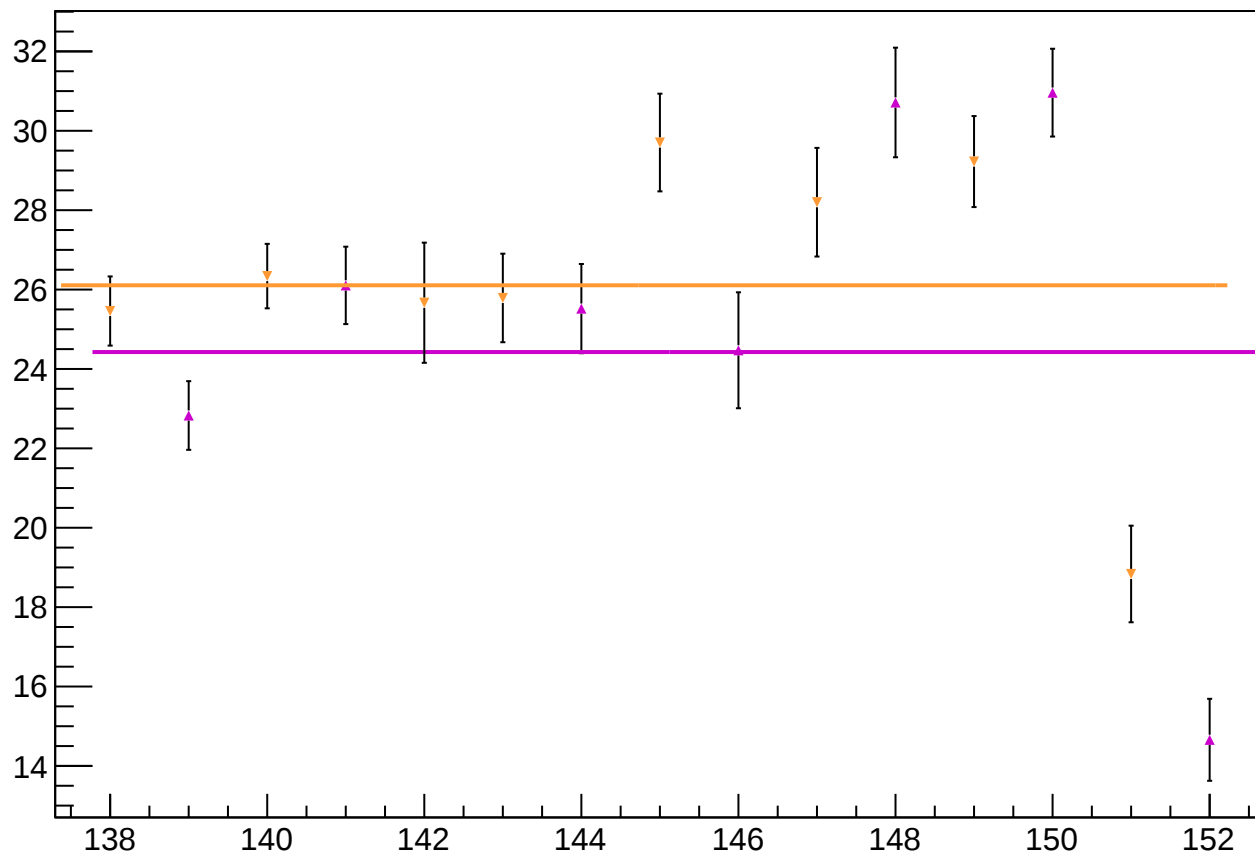
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.029 ± 0.010 χ^2/NDF : 811.3/23

Out: 0.019 ± 0.010 χ^2/NDF : 792.4/25

All: 0.024 ± 0.007 χ^2/NDF : 1604.2/49

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.108+/-0.386 χ^2/NDF :54.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.426+/-0.411 χ^2/NDF :152.5/6

Left: 25.319+/-0.281 χ^2/NDF : 216.2/14

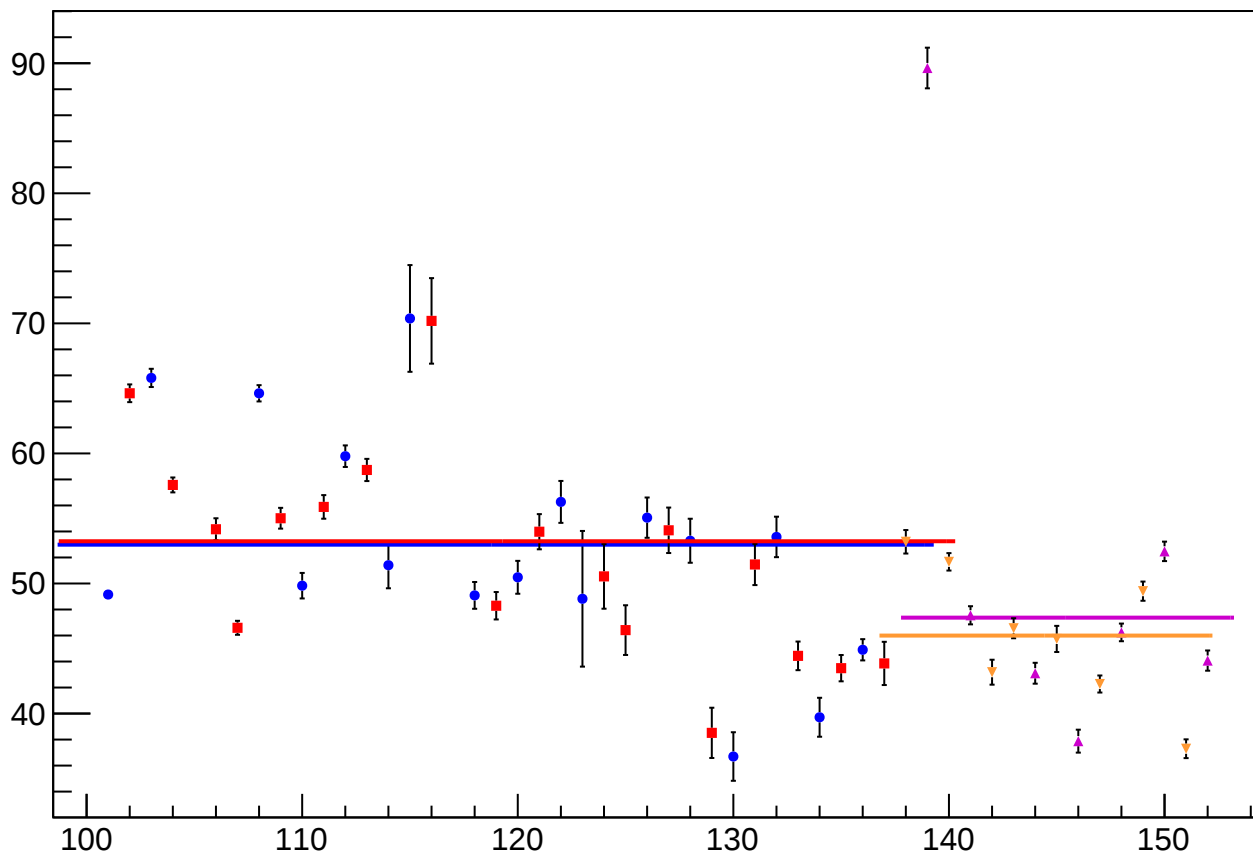
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.426+/-0.411 χ^2/NDF :152.5/6

Out: 26.108+/-0.386 χ^2/NDF :54.8/7

All: 25.319+/-0.281 χ^2/NDF : 216.2/14

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.995 $\pm$ 0.274 χ^2 /NDF: 343.5/7

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 47.374 $\pm$ 0.303 χ^2 /NDF: 942.3/6

Left: 46.616 $\pm$ 0.203 χ^2 /NDF: 1297.3/14

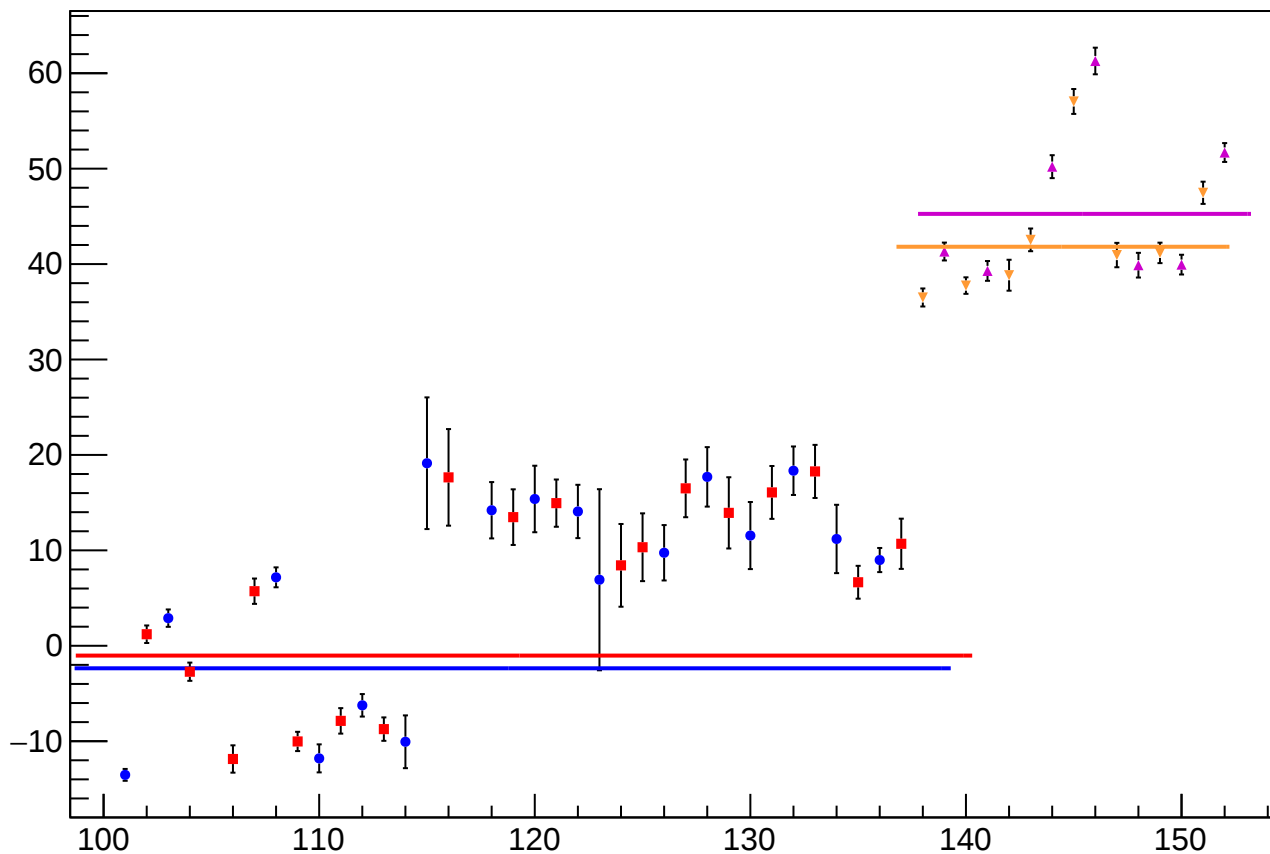
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 51.158 $\pm$ 0.173 χ^2 /NDF: 2372.0/23

Out: 50.292 $\pm$ 0.175 χ^2 /NDF: 1614.5/25

All: 50.731 $\pm$ 0.123 χ^2 /NDF: 3999.0/49

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: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 45.260 ± 0.414 χ^2/NDF : 285.8/6

Left: 43.464 ± 0.286 χ^2/NDF : 540.0/14

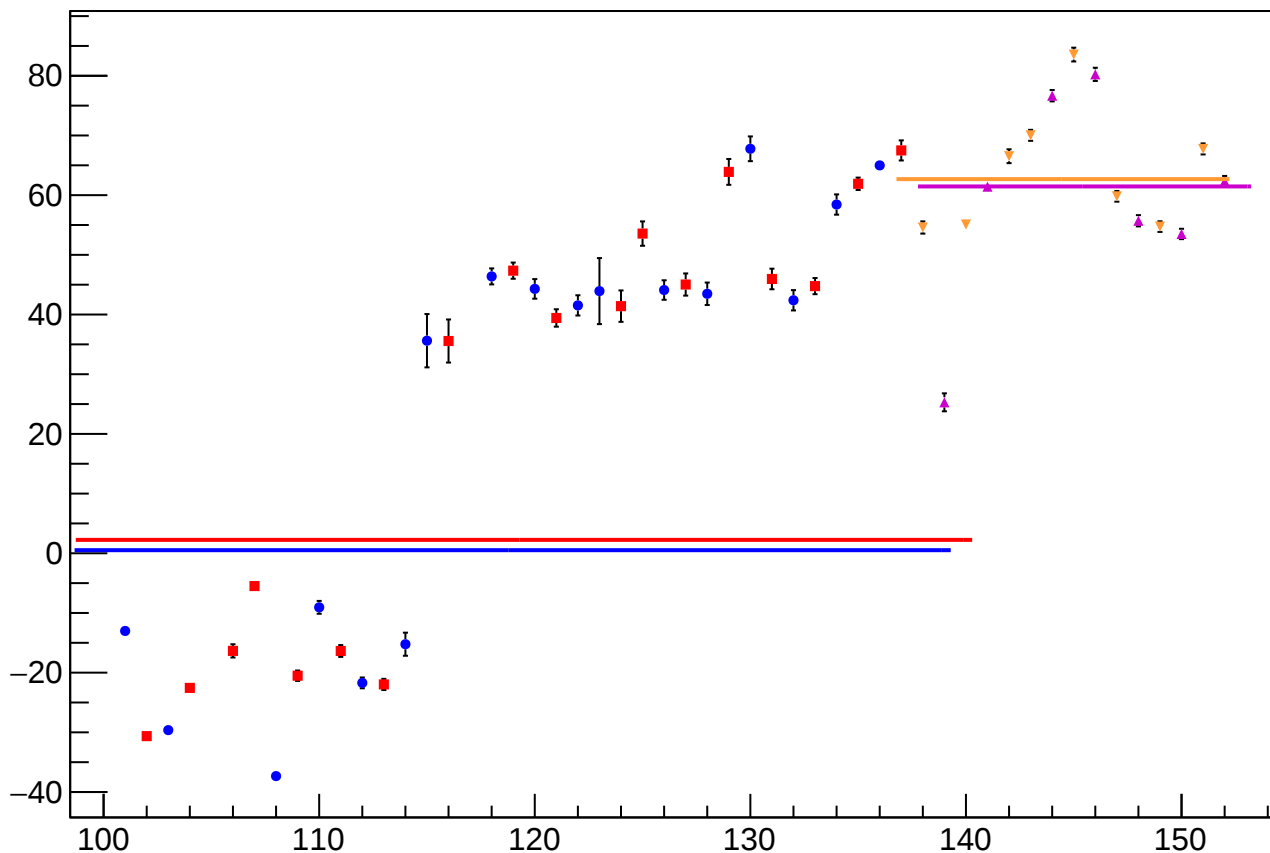
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 18.408 ± 0.273 χ^2/NDF : 8582.3/23

Out: 19.482 ± 0.275 χ^2/NDF : 6803.4/25

All: 18.943 ± 0.194 χ^2/NDF : 15393.4/49

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 62.688 $\pm$ 0.337 χ^2 /NDF:671.6/7

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 61.460 $\pm$ 0.367 χ^2 /NDF:1241.6/6

Left: 62.126 $\pm$ 0.248 χ^2 /NDF: 1919.3/14

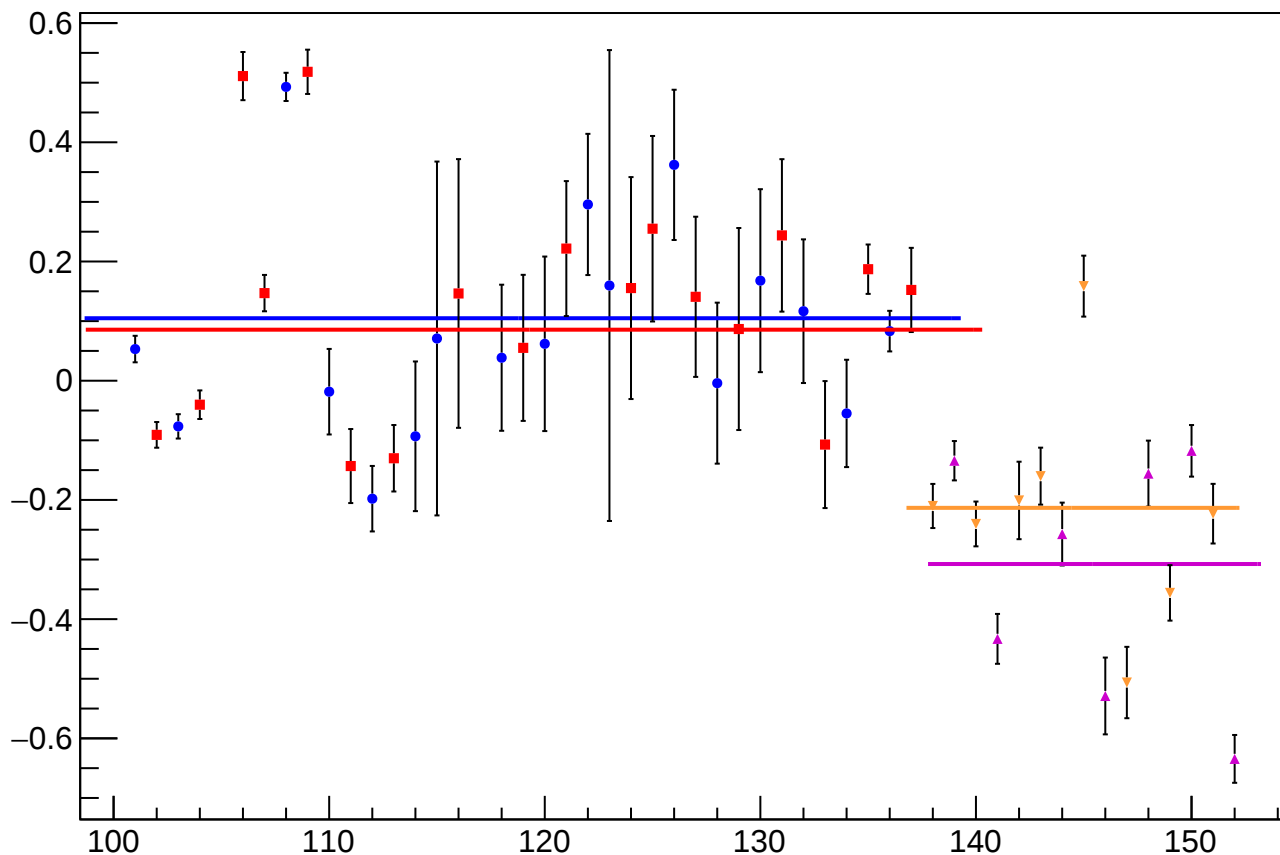
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 19.518 $\pm$ 0.205 χ^2 /NDF:38617.6/23

Out: 25.623 $\pm$ 0.209 χ^2 /NDF:35808.3/25

All: 22.503 $\pm$ 0.146 χ^2 /NDF: 74860.2/49

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: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.308 ± 0.017 $\chi^2/\text{NDF}: 142.4/6$

Left: -0.260 ± 0.012 $\chi^2/\text{NDF}: 246.6/14$

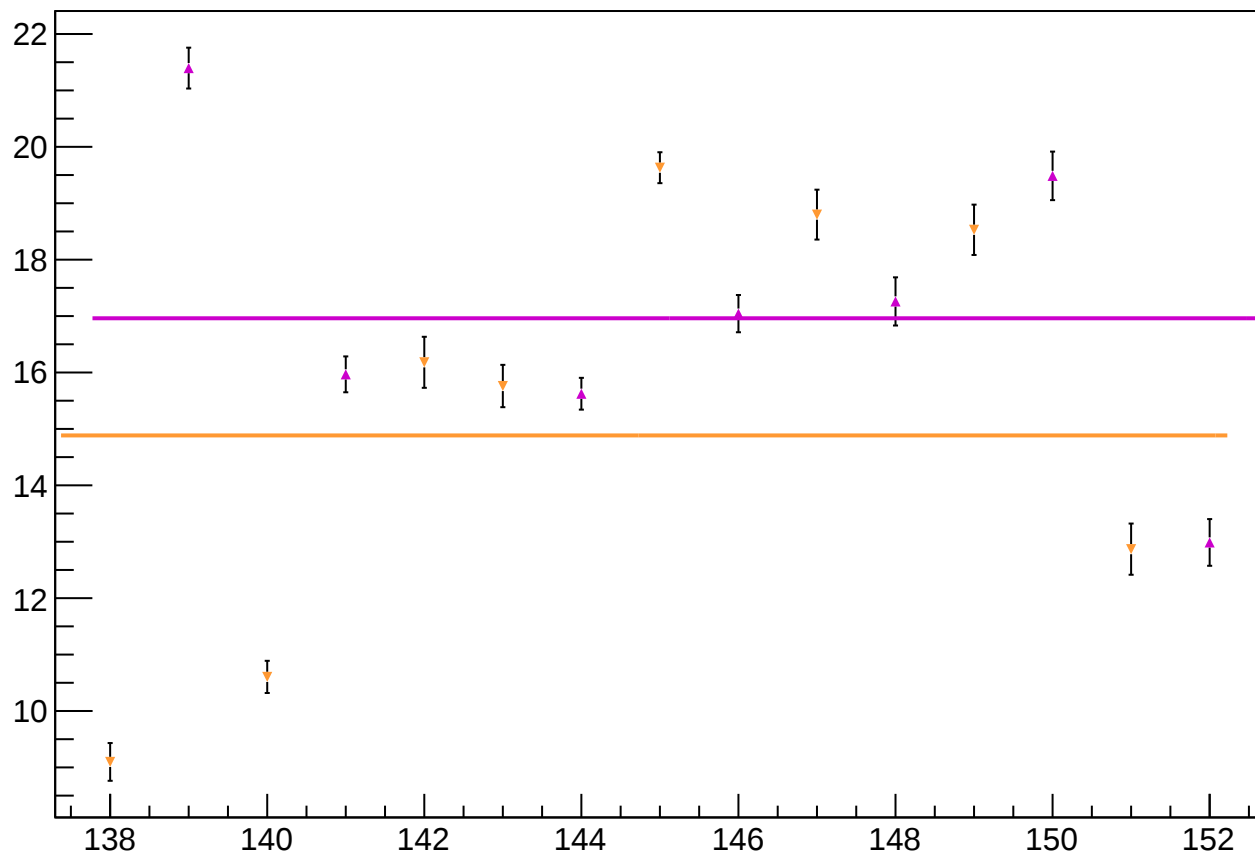
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.020 ± 0.009 $\chi^2/\text{NDF}: 966.4/23$

Out: -0.007 ± 0.009 $\chi^2/\text{NDF}: 701.0/25$

All: -0.013 ± 0.007 $\chi^2/\text{NDF}: 1668.4/49$

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: 16.961+/-0.134 χ^2/NDF :309.4/6

Left: 15.874+/-0.092 χ^2/NDF : 1438.3/14

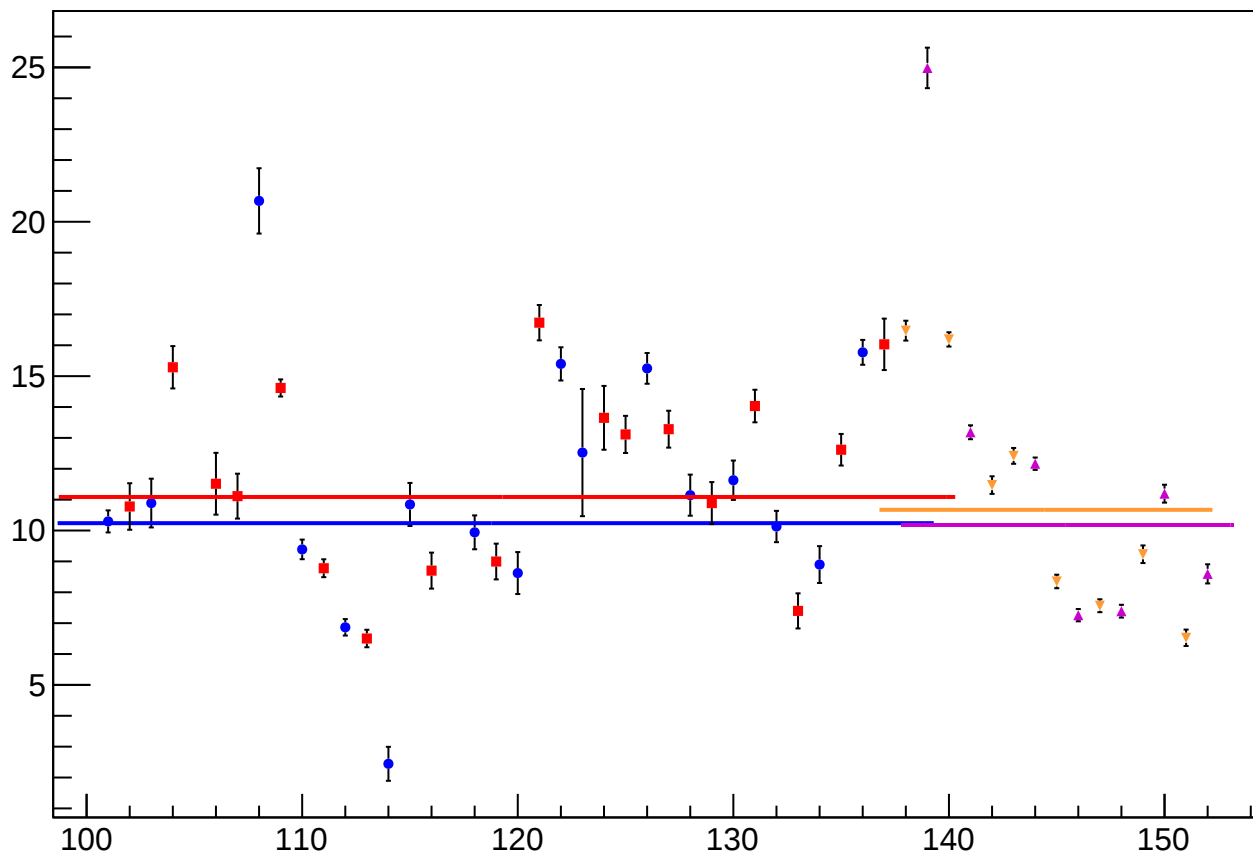
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.961+/-0.134 χ^2/NDF :309.4/6

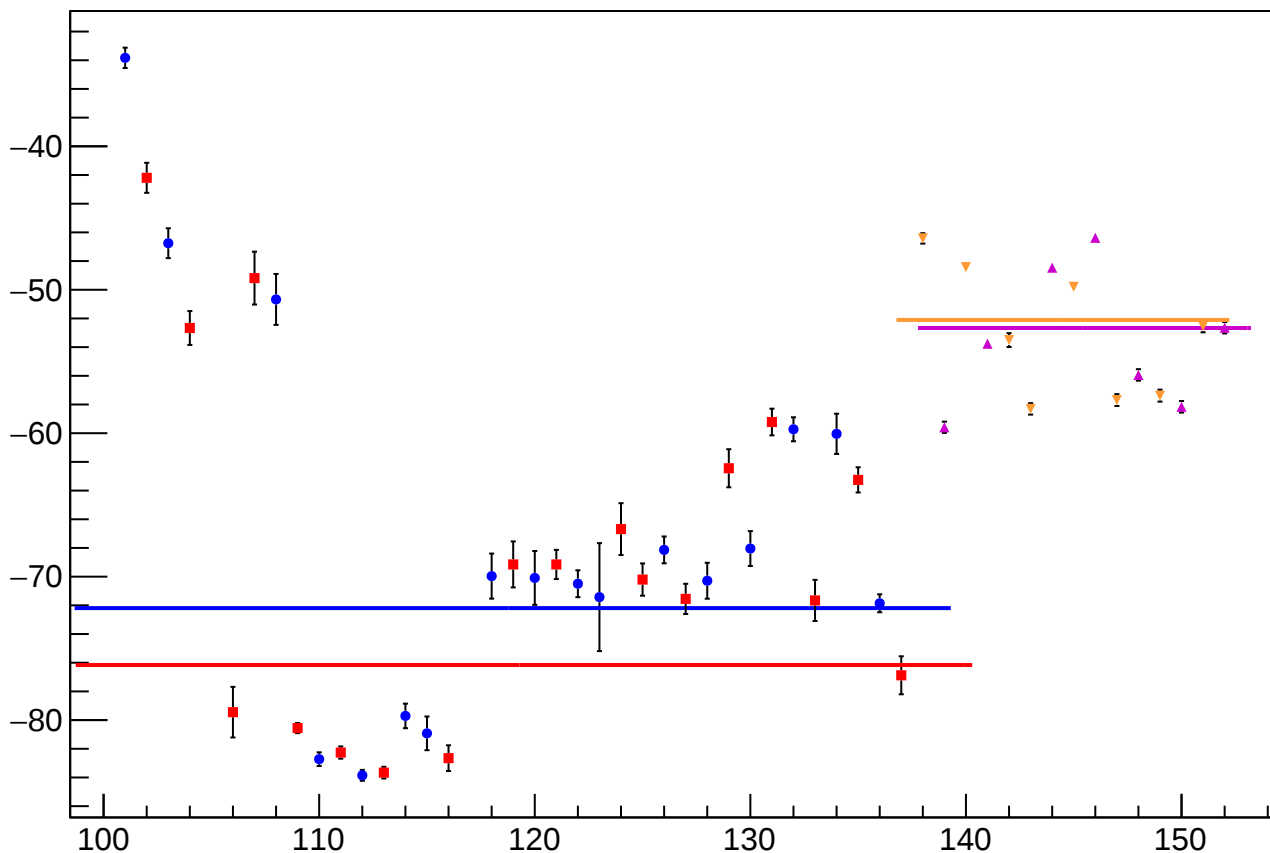
Out: 14.885+/-0.128 χ^2/NDF :1002.4/7

All: 15.874+/-0.092 χ^2/NDF : 1438.3/14

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.103 ± 0.132 χ^2/NDF : 1047.4/7

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -52.667 ± 0.135 χ^2/NDF : 1164.3/6

Left: -52.379 ± 0.094 χ^2/NDF : 2220.6/14

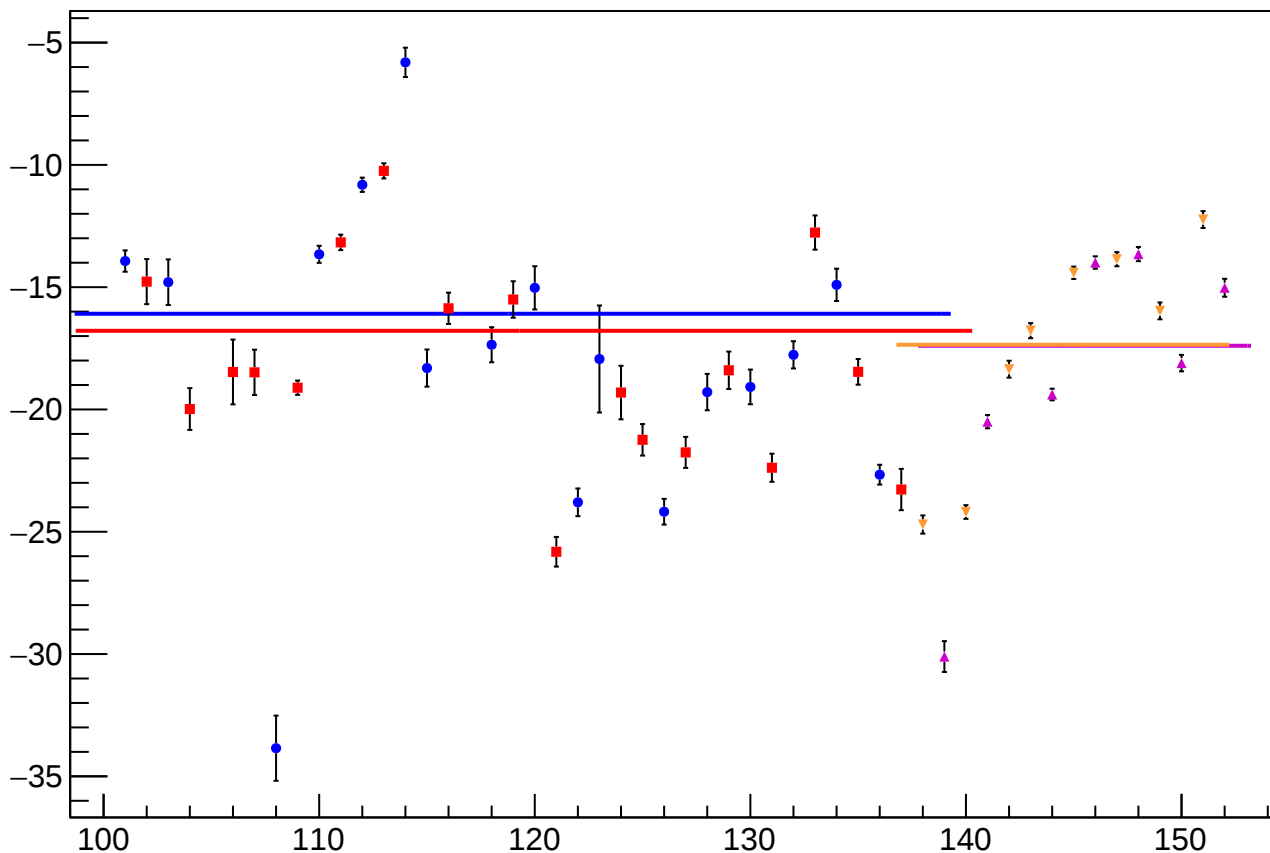
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -58.846 ± 0.111 χ^2/NDF : 13365.1/23

Out: -60.428 ± 0.107 χ^2/NDF : 15795.0/25

All: -59.672 ± 0.077 χ^2/NDF : 29265.3/49

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -17.353 ± 0.110 $\chi^2/\text{NDF}: 1517.1/7$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -17.396 ± 0.114 $\chi^2/\text{NDF}: 998.8/6$

Left: -17.374 ± 0.079 $\chi^2/\text{NDF}: 2515.9/14$

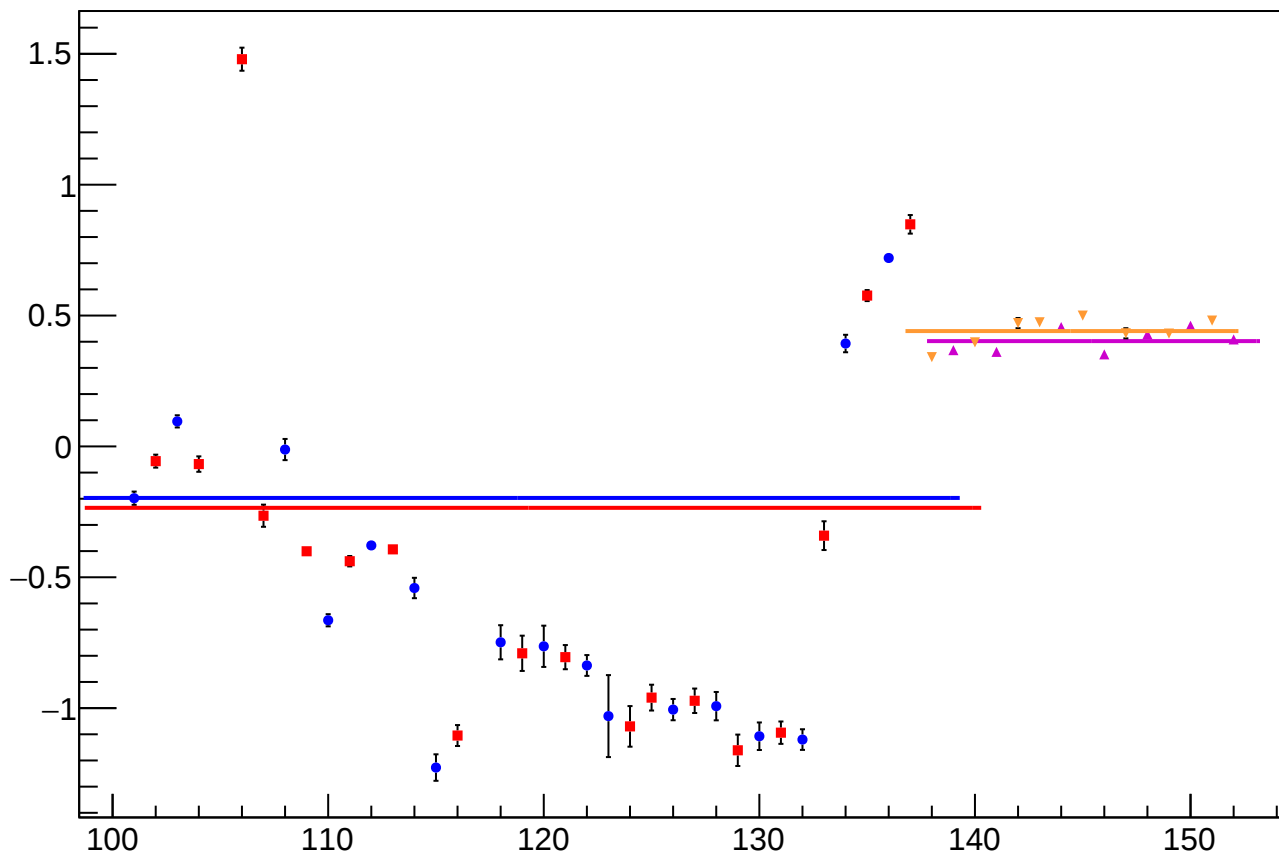
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -16.841 ± 0.086 $\chi^2/\text{NDF}: 2676.8/23$

Out: -17.113 ± 0.083 $\chi^2/\text{NDF}: 2732.9/25$

All: -16.981 ± 0.060 $\chi^2/\text{NDF}: 5414.9/49$

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: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.402 ± 0.006 χ^2/NDF : 58.5/6

Left: 0.422 ± 0.004 χ^2/NDF : 178.9/14

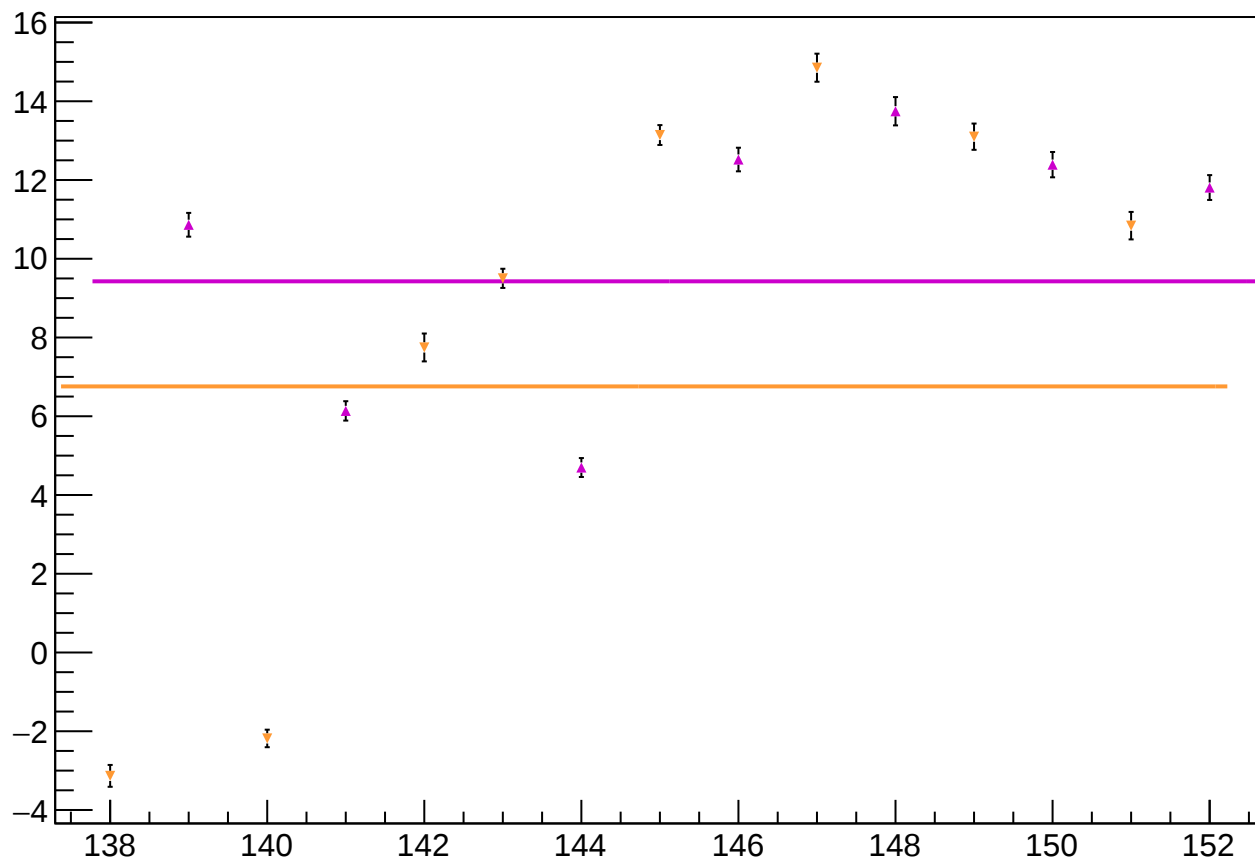
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.189 ± 0.005 χ^2/NDF : 10447.4/23

Out: 0.192 ± 0.004 χ^2/NDF : 11874.0/25

All: 0.190 ± 0.003 χ^2/NDF : 22321.6/49

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: 9.427+/-0.110 χ^2/NDF : 981.0/6

Left: 7.979+/-0.074 χ^2/NDF : 5973.2/14

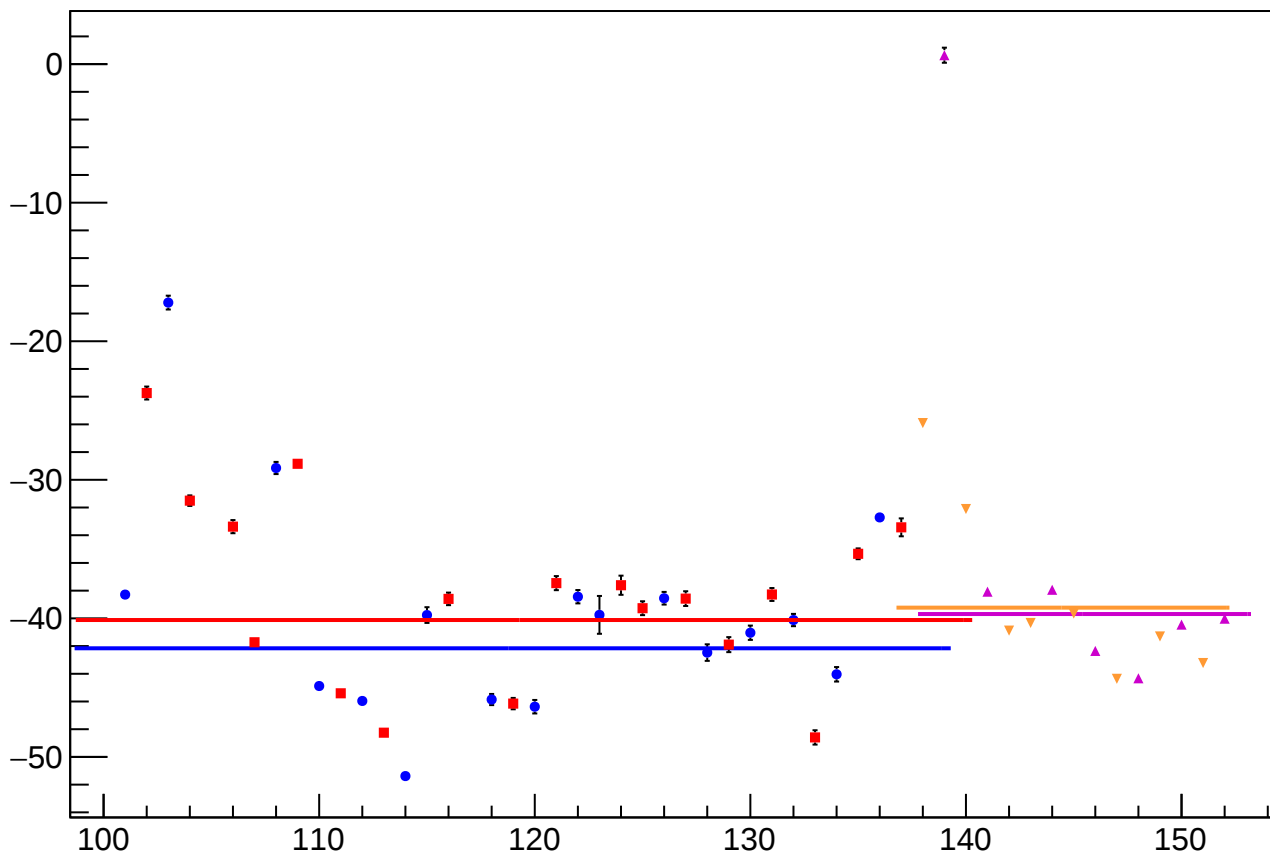
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.427+/-0.110 χ^2/NDF : 981.0/6

Out: 6.758+/-0.101 χ^2/NDF : 4670.3/7

All: 7.979+/-0.074 χ^2/NDF : 5973.2/14

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2 /NDF: 6570.6/16

Left Out: -39.227 $\pm$ 0.070 χ^2 /NDF:5484.3/7

Right Out: -40.120 $\pm$ 0.073 χ^2 /NDF: 10884.6/17

Left In: -39.688 $\pm$ 0.077 χ^2 /NDF:6587.5/6

Left: -39.436 $\pm$ 0.052 χ^2 /NDF: 12091.5/14

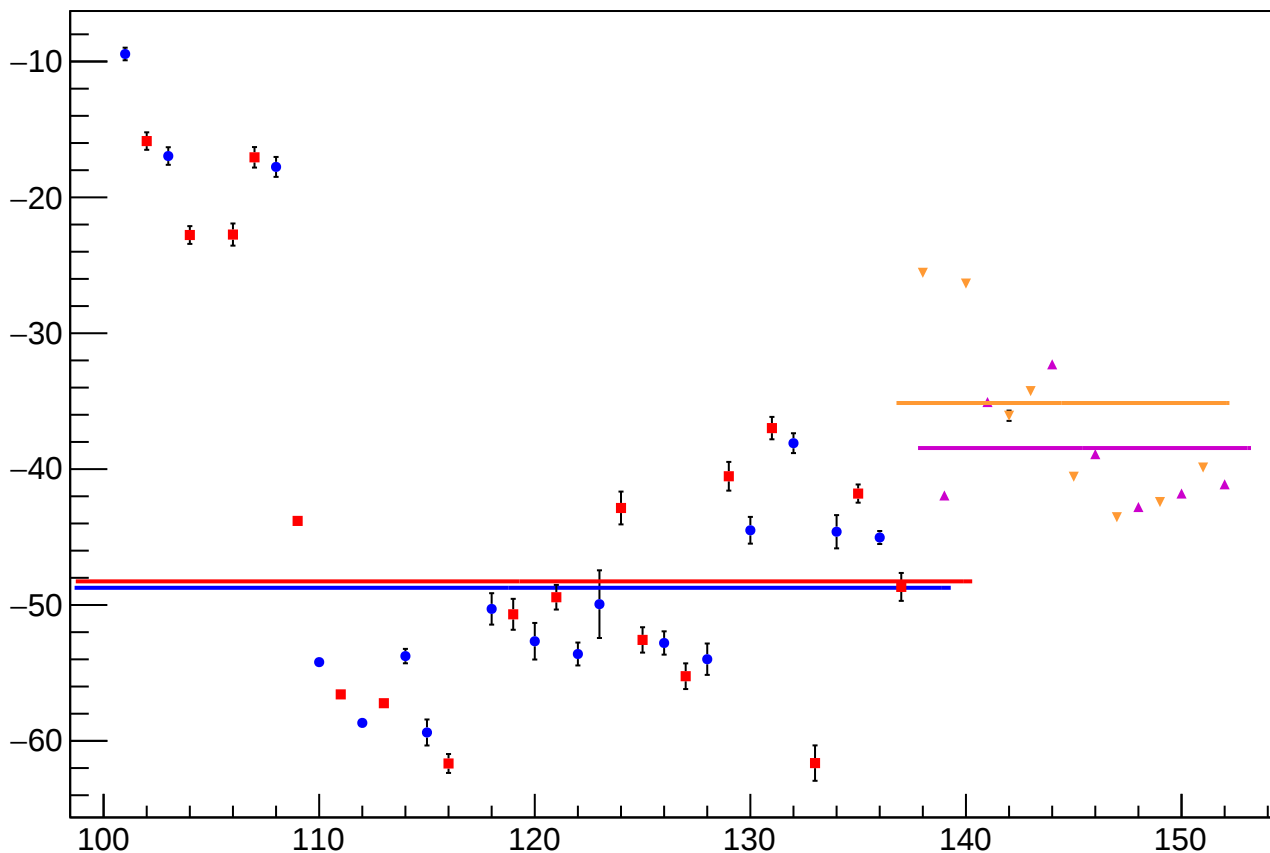
Right: -41.071 $\pm$ 0.053 χ^2 /NDF: 17821.0/34

In: -40.903 $\pm$ 0.055 χ^2 /NDF:13670.0/23

Out: -39.655 $\pm$ 0.050 χ^2 /NDF:16447.0/25

All: -40.230 $\pm$ 0.037 χ^2 /NDF: 30398.5/49

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -35.134+/-0.104 χ^2/NDF : 4200.3/7

Right Out: -48.261+/-0.107 χ^2/NDF : 11091.7/17

Left In: -38.448+/-0.110 χ^2/NDF : 1225.2/6

Left: -36.689+/-0.076 χ^2/NDF : 5903.5/14

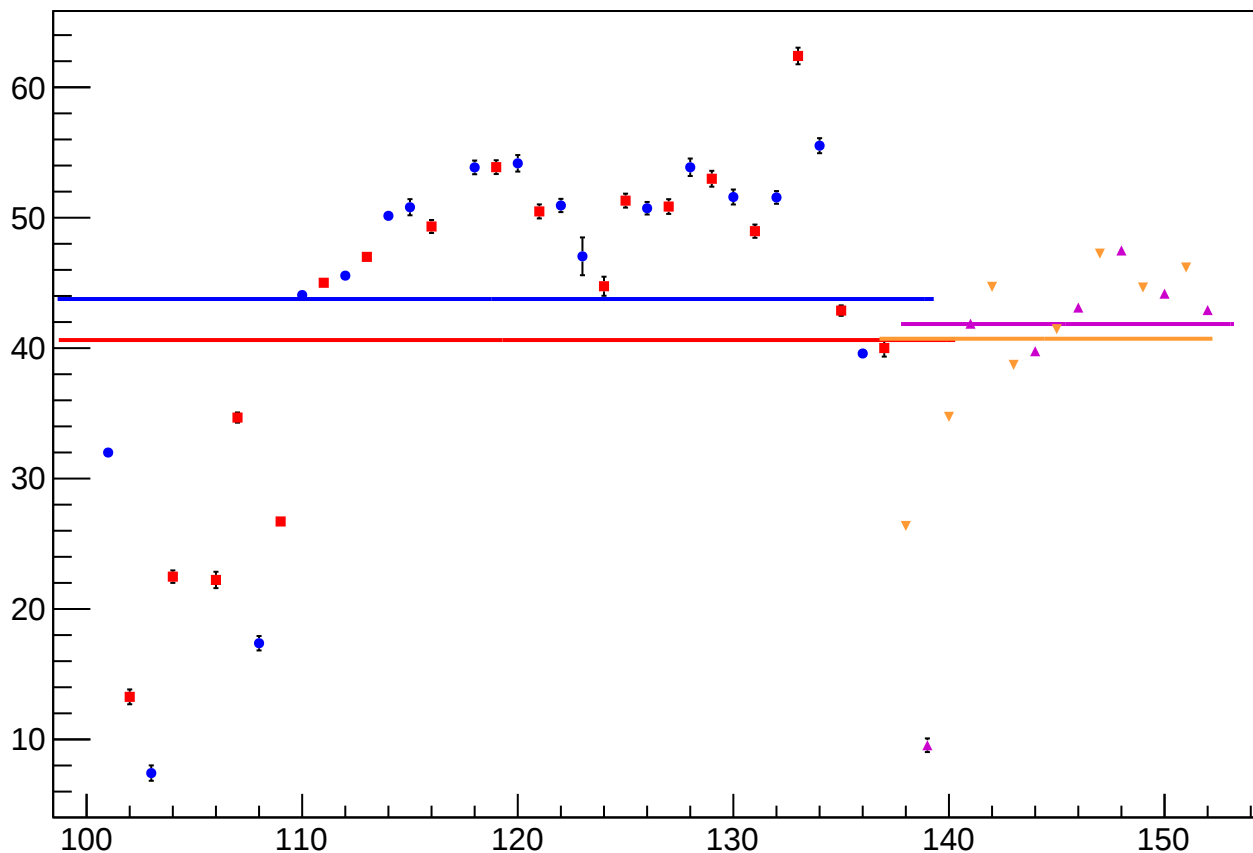
Right: -48.462+/-0.081 χ^2/NDF : 25759.4/34

In: -42.971+/-0.083 χ^2/NDF : 19697.1/23

Out: -41.473+/-0.075 χ^2/NDF : 23011.0/25

All: -42.146+/-0.055 χ^2/NDF : 42888.8/49

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 χ^2/NDF : 10633.5/16

Left Out: 40.721 ± 0.086 χ^2/NDF : 4644.8/7

Right Out: 40.620 ± 0.080 χ^2/NDF : 16957.4/17

Left In: 41.849 ± 0.094 χ^2/NDF : 4558.9/6

Left: 41.236 ± 0.063 χ^2/NDF : 9282.3/14

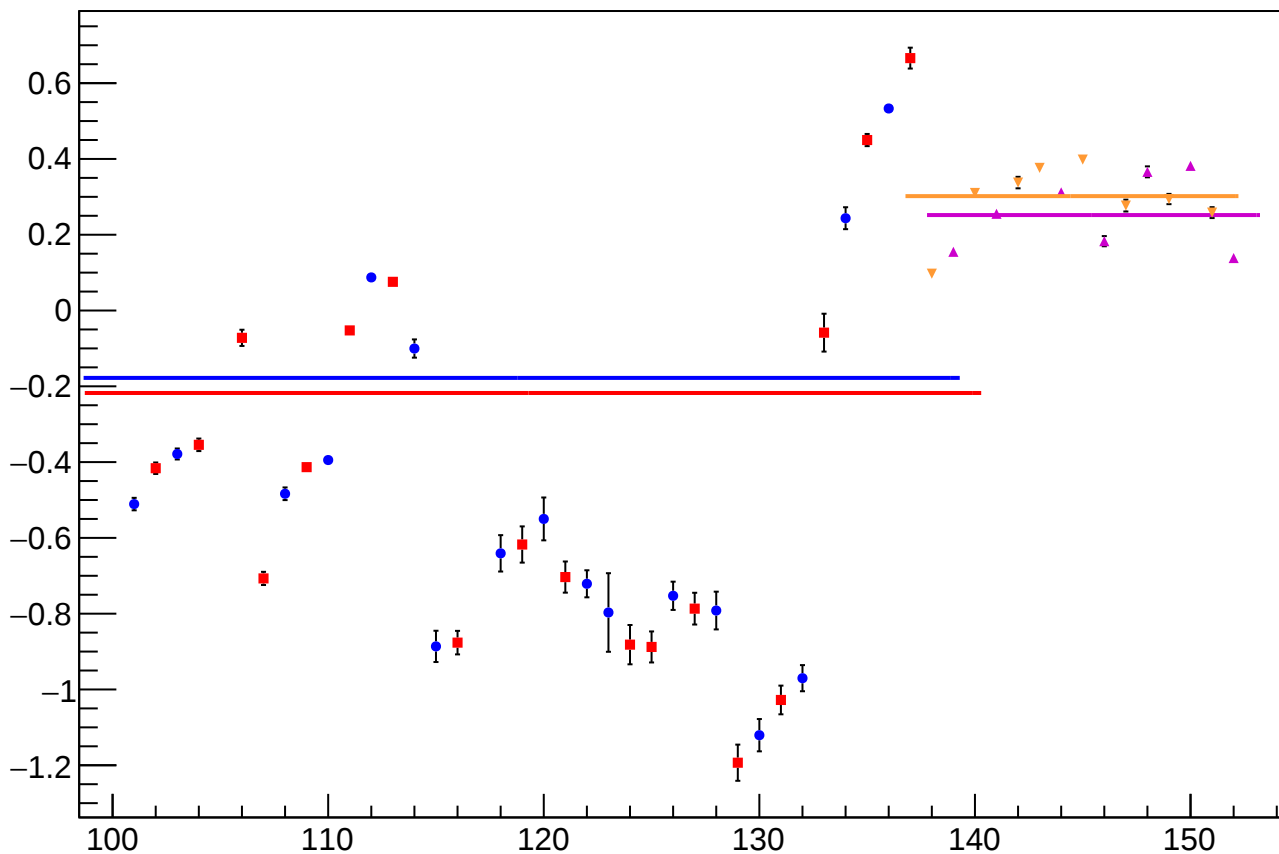
Right: 42.070 ± 0.059 χ^2/NDF : 28299.2/34

In: 42.881 ± 0.064 χ^2/NDF : 15417.8/23

Out: 40.667 ± 0.059 χ^2/NDF : 21602.9/25

All: 41.684 ± 0.043 χ^2/NDF : 37674.4/49

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: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.252 ± 0.005 χ^2/NDF : 379.3/6

Left: 0.278 ± 0.003 χ^2/NDF : 888.7/14

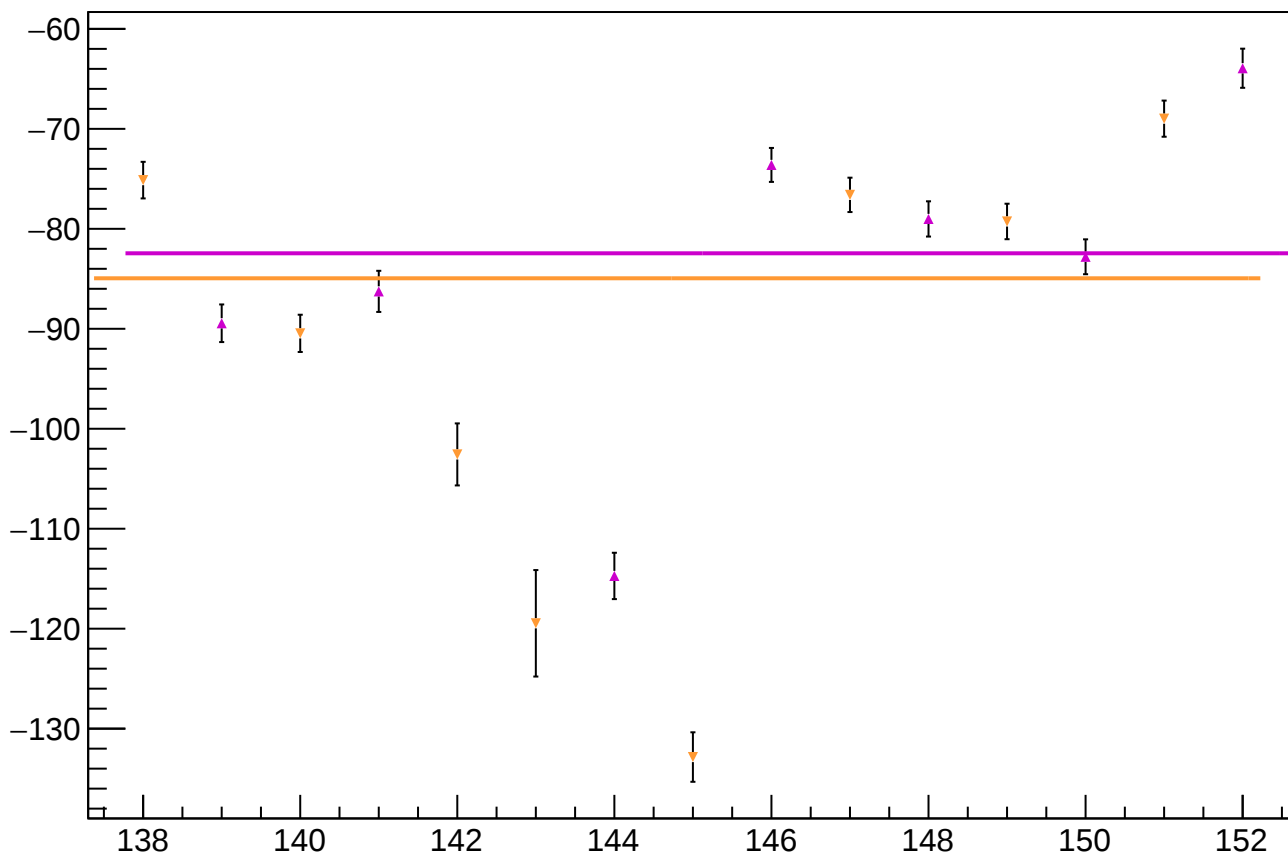
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.049 ± 0.003 χ^2/NDF : 11900.2/23

Out: 0.041 ± 0.003 χ^2/NDF : 15122.6/25

All: 0.045 ± 0.002 χ^2/NDF : 27026.0/49

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: -82.448+/-0.714 χ^2/NDF :331.5/6

Left: -83.662+/-0.512 χ^2/NDF : 935.3/14

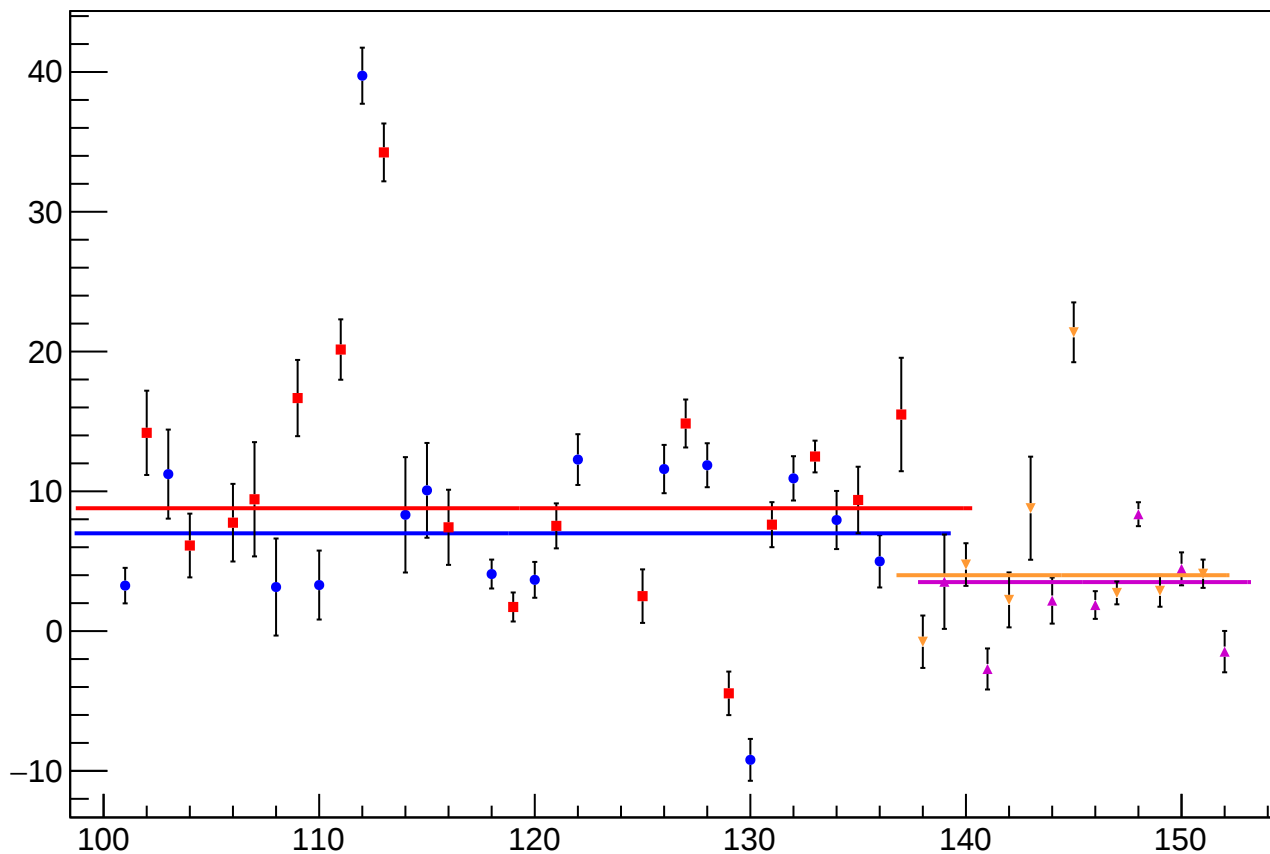
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.448+/-0.714 χ^2/NDF :331.5/6

Out: -84.949+/-0.735 χ^2/NDF :597.8/7

All: -83.662+/-0.512 χ^2/NDF : 935.3/14

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.999 ± 0.471 $\chi^2/\text{NDF}: 78.5/7$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.506 ± 0.473 $\chi^2/\text{NDF}: 65.4/6$

Left: 3.753 ± 0.333 $\chi^2/\text{NDF}: 144.5/14$

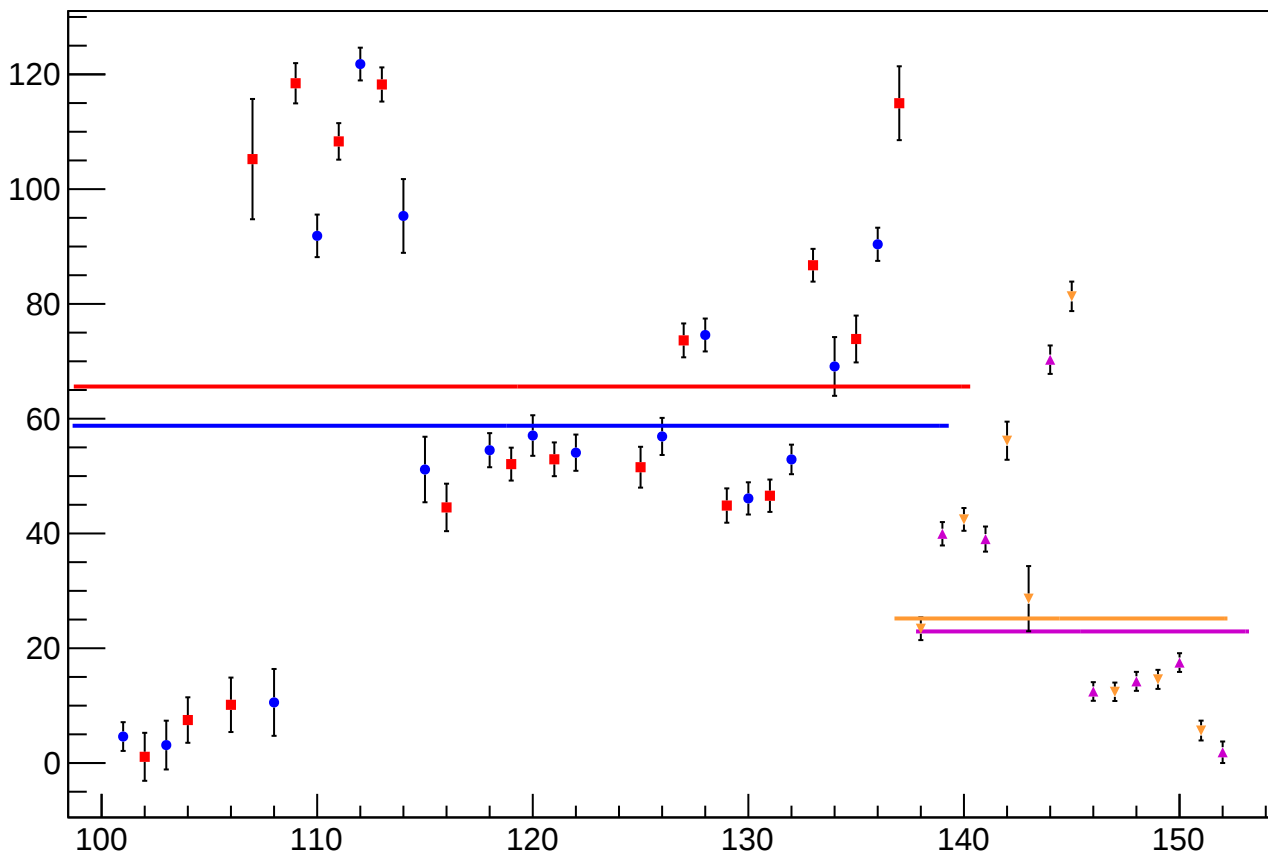
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.399 ± 0.320 $\chi^2/\text{NDF}: 540.4/22$

Out: 6.505 ± 0.325 $\chi^2/\text{NDF}: 481.6/24$

All: 5.942 ± 0.228 $\chi^2/\text{NDF}: 1027.8/47$

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: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 22.928 $\pm$ 0.704 χ^2 /NDF:695.2/6

Left: 24.015 $\pm$ 0.507 χ^2 /NDF: 1573.4/14

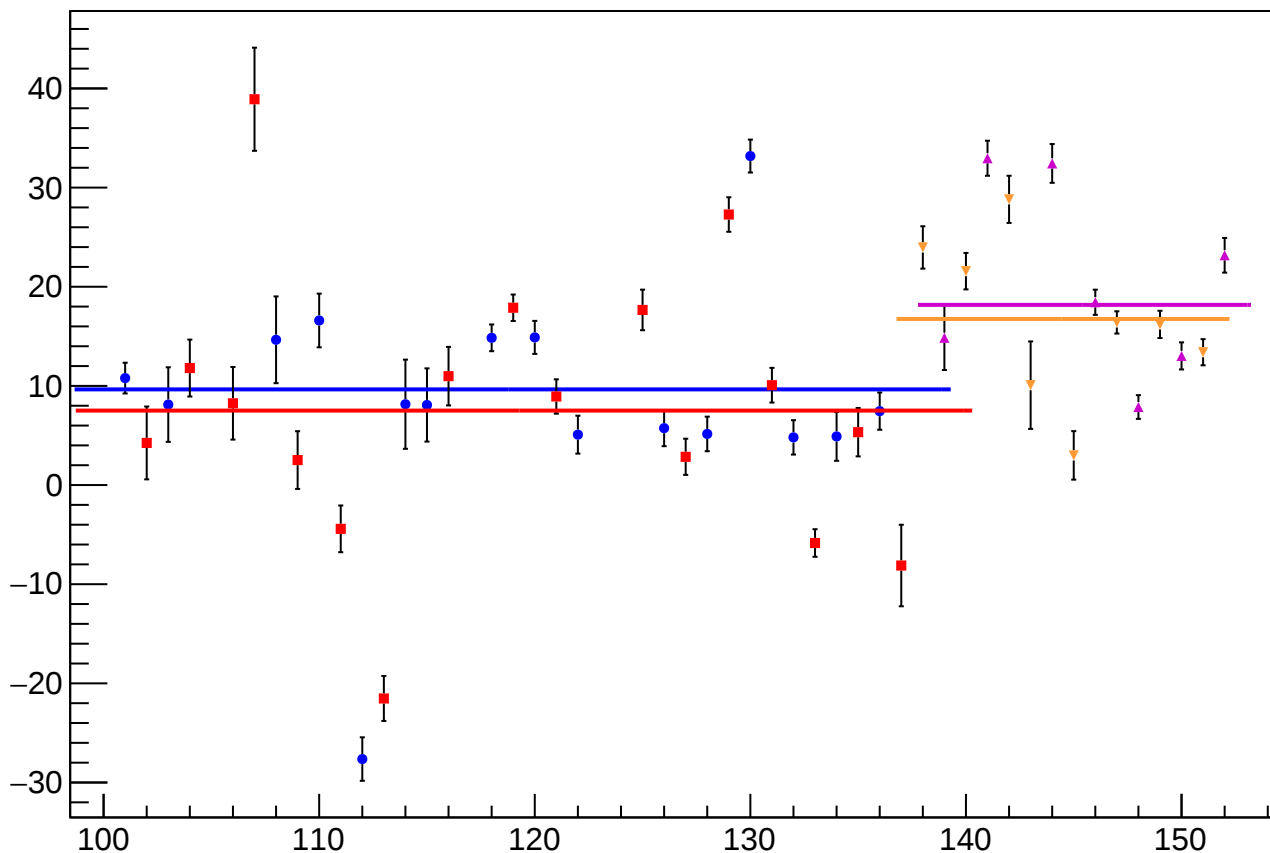
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 37.867 $\pm$ 0.538 χ^2 /NDF:3268.4/22

Out: 42.516 $\pm$ 0.553 χ^2 /NDF:3806.5/24

All: 40.126 $\pm$ 0.386 χ^2 /NDF: 7111.3/47

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: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 18.174 ± 0.591 $\chi^2/\text{NDF}: 220.9/6$

Left: 17.470 ± 0.420 $\chi^2/\text{NDF}: 308.4/14$

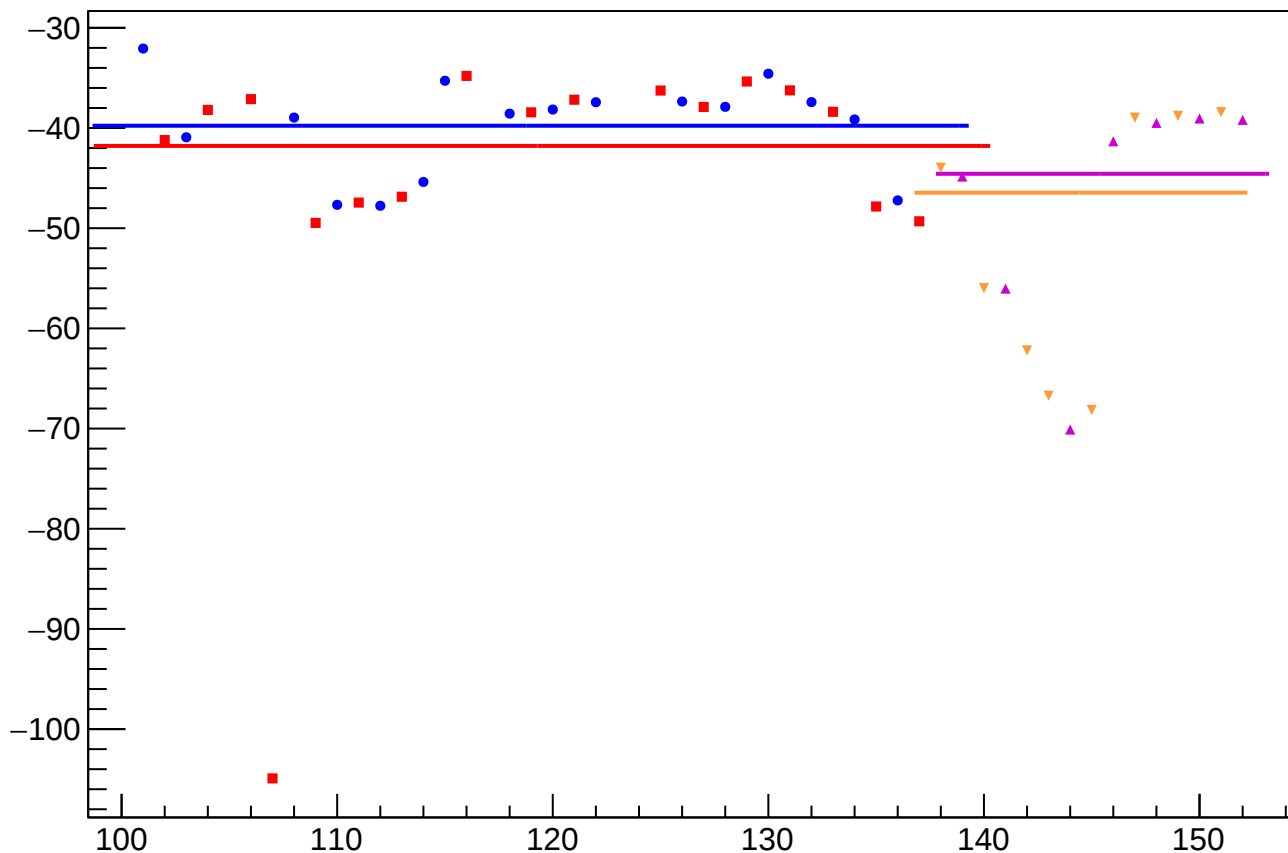
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 13.218 ± 0.383 $\chi^2/\text{NDF}: 895.2/22$

Out: 11.466 ± 0.391 $\chi^2/\text{NDF}: 786.0/24$

All: 12.360 ± 0.273 $\chi^2/\text{NDF}: 1691.5/47$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -46.454+/-0.031 χ^2/NDF : 113111.0/7

Right Out: -41.787+/-0.031 χ^2/NDF : 93008.7/16

Left In: -44.568+/-0.029 χ^2/NDF : 90351.4/6

Left: -45.446+/-0.021 χ^2/NDF : 205394.9/14

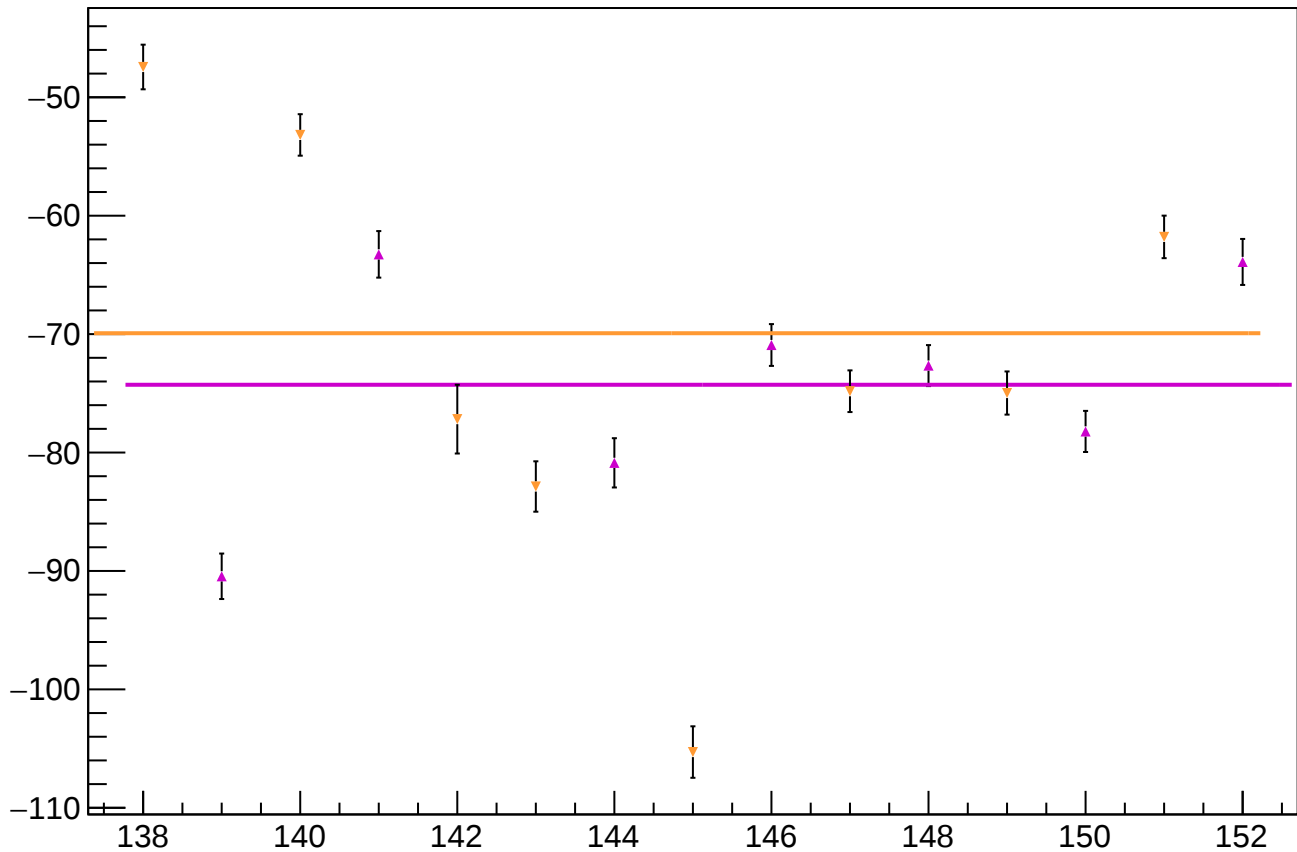
Right: -40.769+/-0.022 χ^2/NDF : 121265.0/32

In: -42.316+/-0.021 χ^2/NDF : 129146.3/22

Out: -44.124+/-0.022 χ^2/NDF : 217177.5/24

All: -43.183+/-0.015 χ^2/NDF : 349775.7/47

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: -74.277+/-0.705 χ^2/NDF :150.6/6

Left: -72.058+/-0.494 χ^2/NDF : 747.5/14

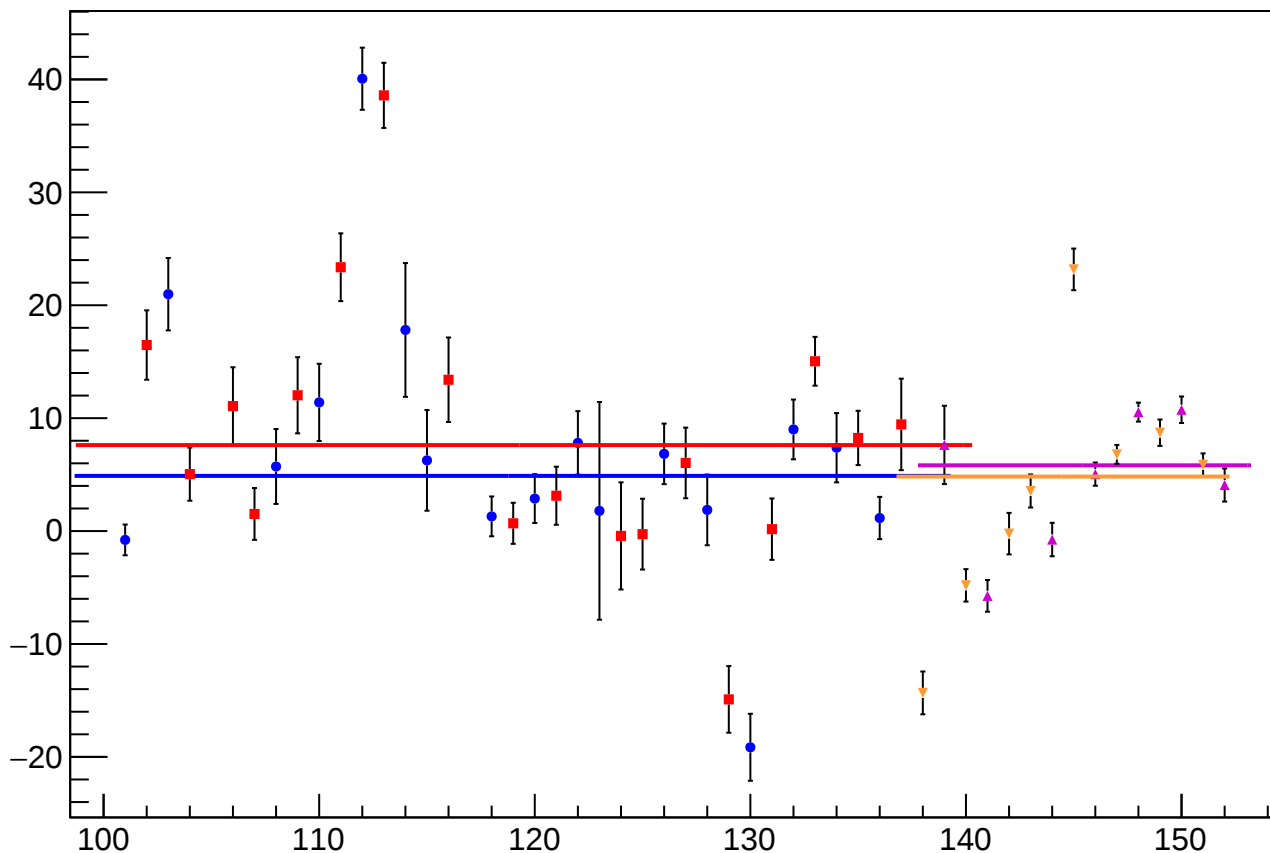
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.277+/-0.705 χ^2/NDF :150.6/6

Out: -69.924+/-0.691 χ^2/NDF :577.5/7

All: -72.058+/-0.494 χ^2/NDF : 747.5/14

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 4.827 ± 0.449 $\chi^2/\text{NDF}: 272.0/7$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 5.823 ± 0.466 $\chi^2/\text{NDF}: 139.0/6$

Left: 5.306 ± 0.323 $\chi^2/\text{NDF}: 413.3/14$

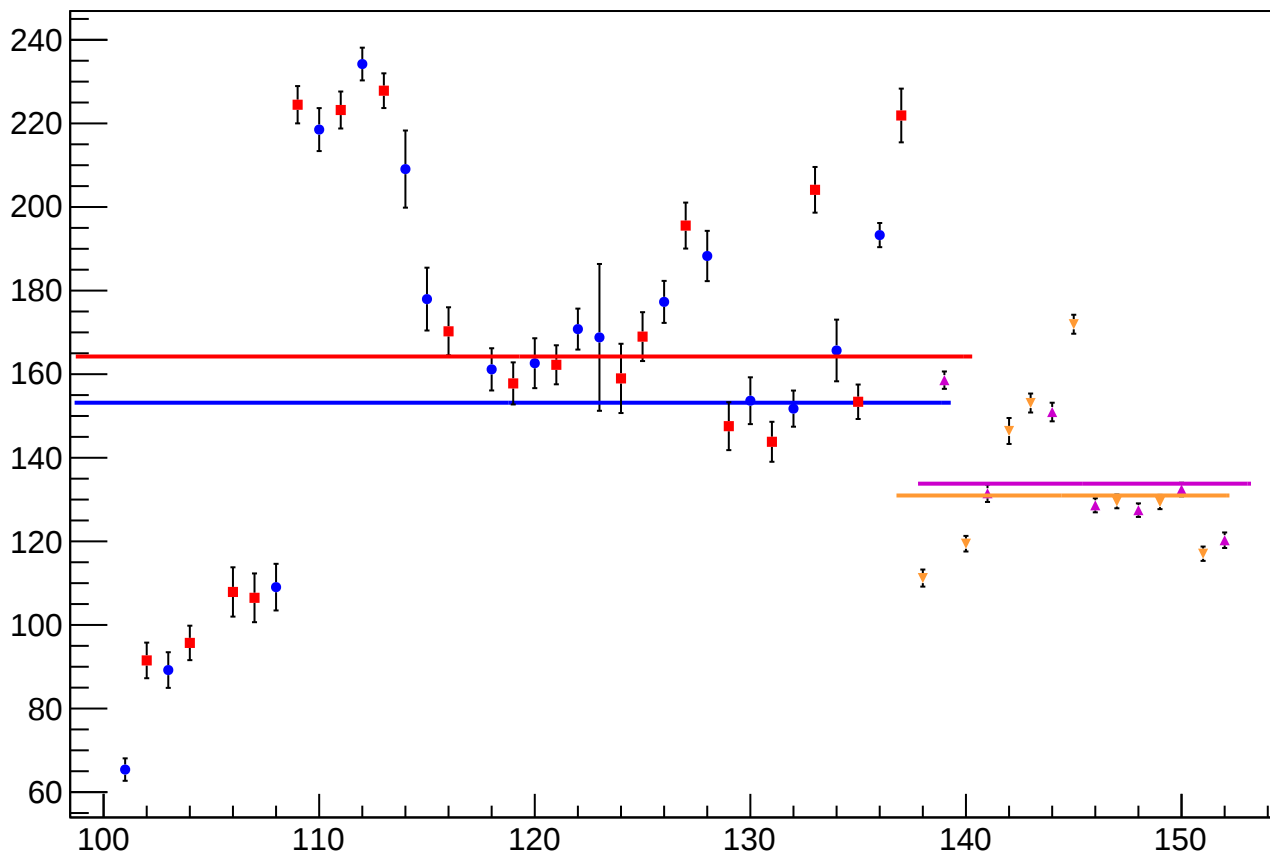
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 5.487 ± 0.373 $\chi^2/\text{NDF}: 435.2/23$

Out: 5.722 ± 0.370 $\chi^2/\text{NDF}: 553.6/25$

All: 5.606 ± 0.262 $\chi^2/\text{NDF}: 988.9/49$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 130.976 $\pm$ 0.694 χ^2 /NDF: 644.9/7

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 133.804 $\pm$ 0.696 χ^2 /NDF: 280.9/6

Left: 132.386 $\pm$ 0.492 χ^2 /NDF: 934.1/14

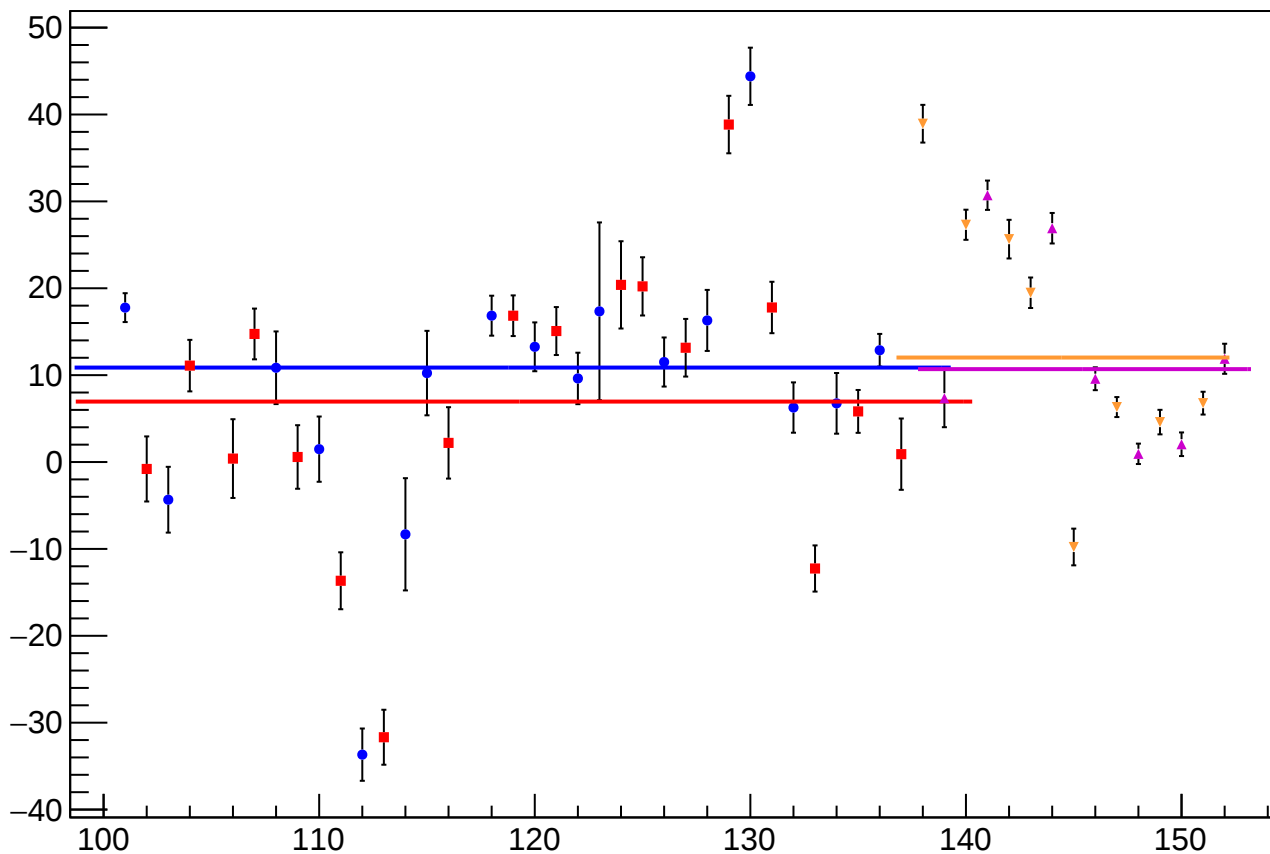
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 139.025 $\pm$ 0.595 χ^2 /NDF: 2753.7/23

Out: 139.497 $\pm$ 0.599 χ^2 /NDF: 2787.3/25

All: 139.260 $\pm$ 0.422 χ^2 /NDF: 5541.3/49

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 χ^2/NDF : 386.7/16

Left Out: 12.027 ± 0.565 χ^2/NDF : 461.8/7

Right Out: 6.958 ± 0.749 χ^2/NDF : 422.3/17

Left In: 10.693 ± 0.583 χ^2/NDF : 337.4/6

Left: 11.381 ± 0.406 χ^2/NDF : 801.9/14

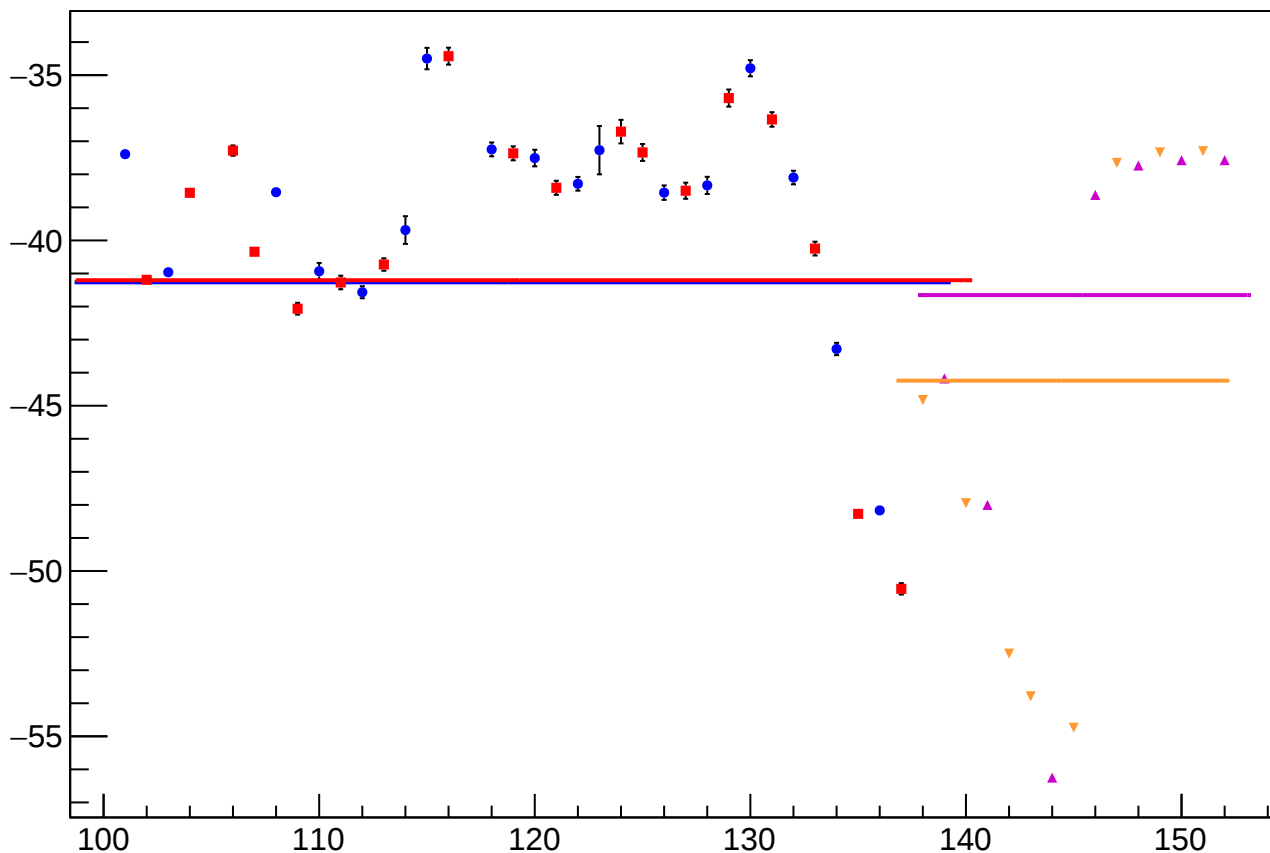
Right: 9.008 ± 0.517 χ^2/NDF : 823.3/34

In: 10.765 ± 0.452 χ^2/NDF : 724.2/23

Out: 10.189 ± 0.451 χ^2/NDF : 913.2/25

All: 10.477 ± 0.319 χ^2/NDF : 1638.2/49

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: -41.204 ± 0.039 χ^2/NDF : 12008.6/17

Left In: -41.653 ± 0.029 χ^2/NDF : 40472.2/6

Left: -42.920 ± 0.021 χ^2/NDF : 100215.9/14

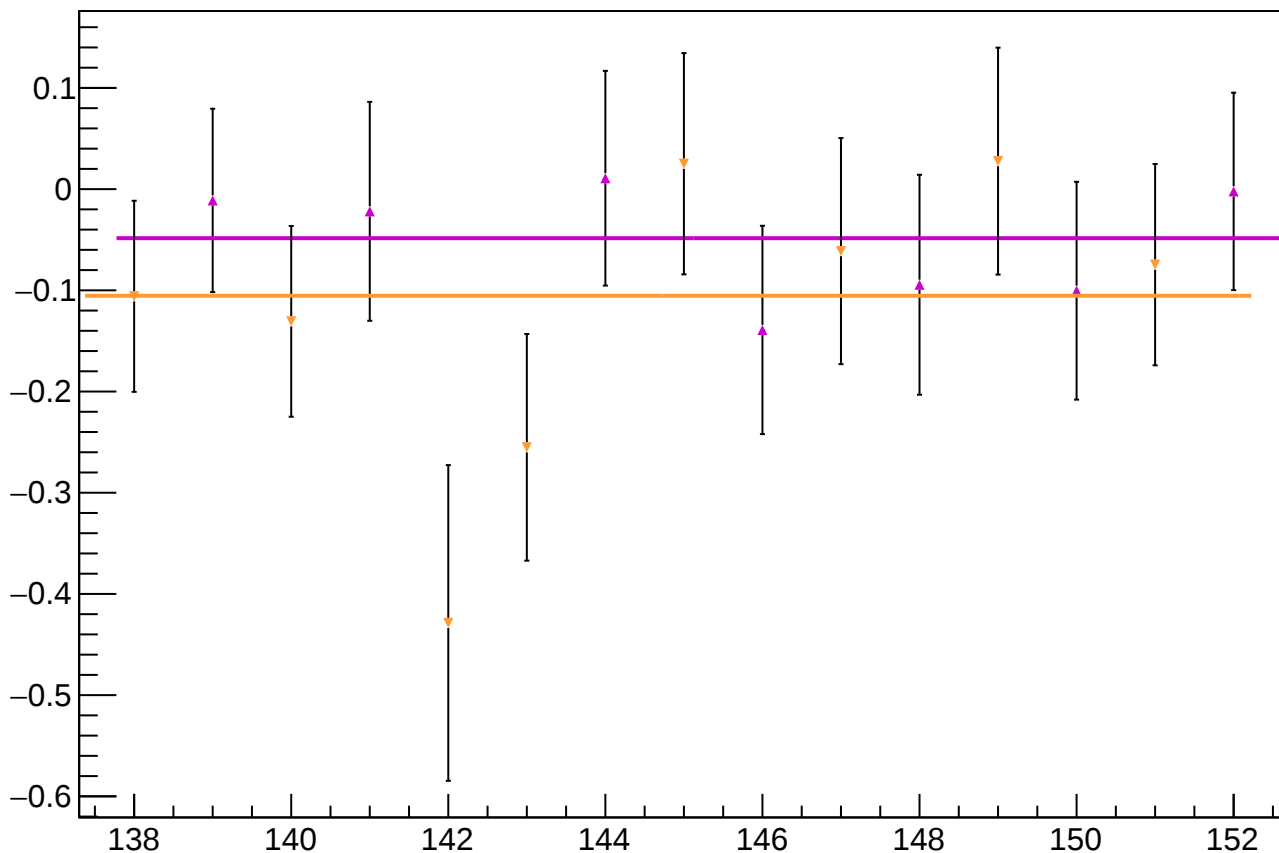
Right: -41.236 ± 0.027 χ^2/NDF : 24591.7/34

In: -41.513 ± 0.023 χ^2/NDF : 53118.0/23

Out: -43.127 ± 0.024 χ^2/NDF : 71711.8/25

All: -42.307 ± 0.017 χ^2/NDF : 127220.5/49

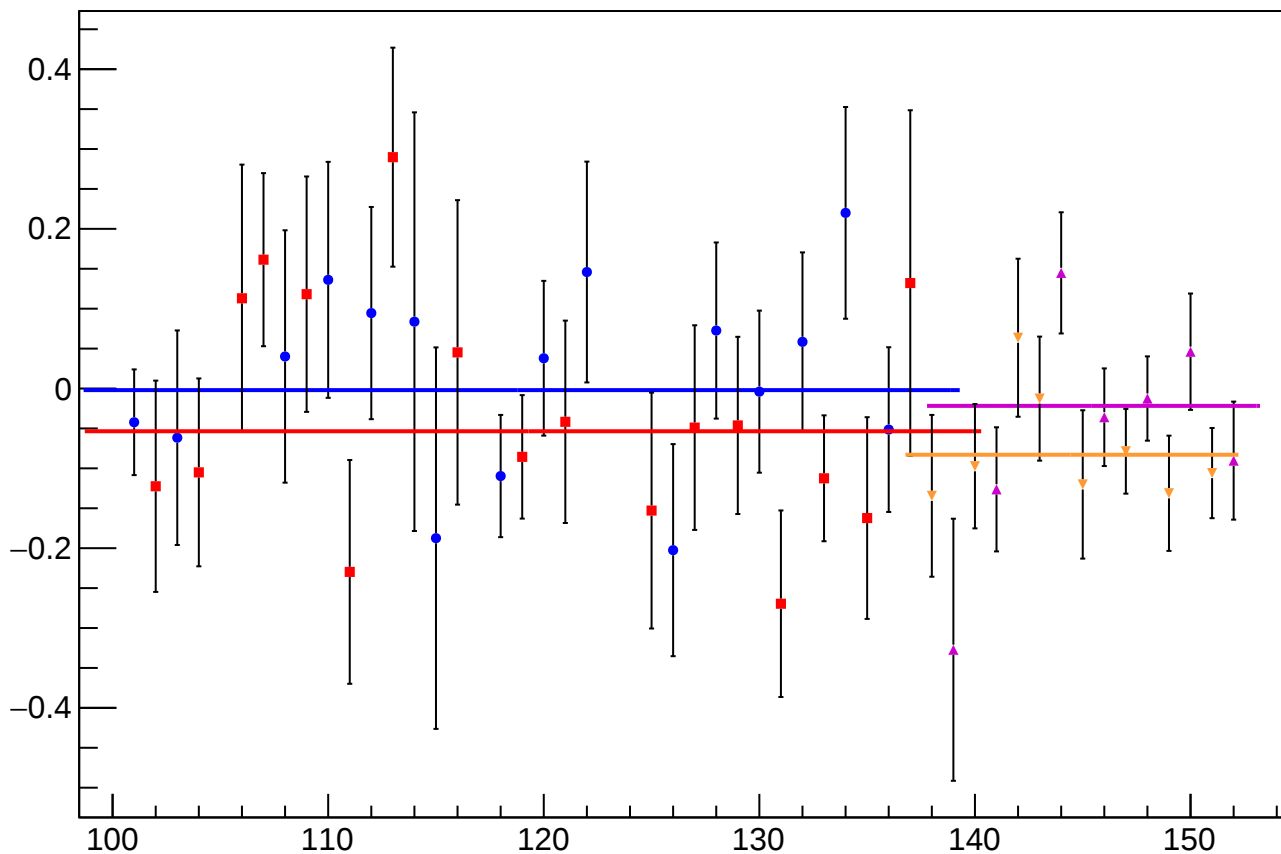
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.105+/-0.038 χ^2/NDF : 9.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.048+/-0.039 χ^2/NDF : 2.0/6

Left: -0.077+/-0.027 χ^2/NDF : 12.3/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.048+/-0.039 χ^2/NDF : 2.0/6
 Out: -0.105+/-0.038 χ^2/NDF : 9.2/7
 All: -0.077+/-0.027 χ^2/NDF : 12.3/14

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.083 ± 0.026 χ^2/NDF : 4.1/7

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.022 ± 0.027 χ^2/NDF : 11.9/6

Left: -0.054 ± 0.019 χ^2/NDF : 18.7/14

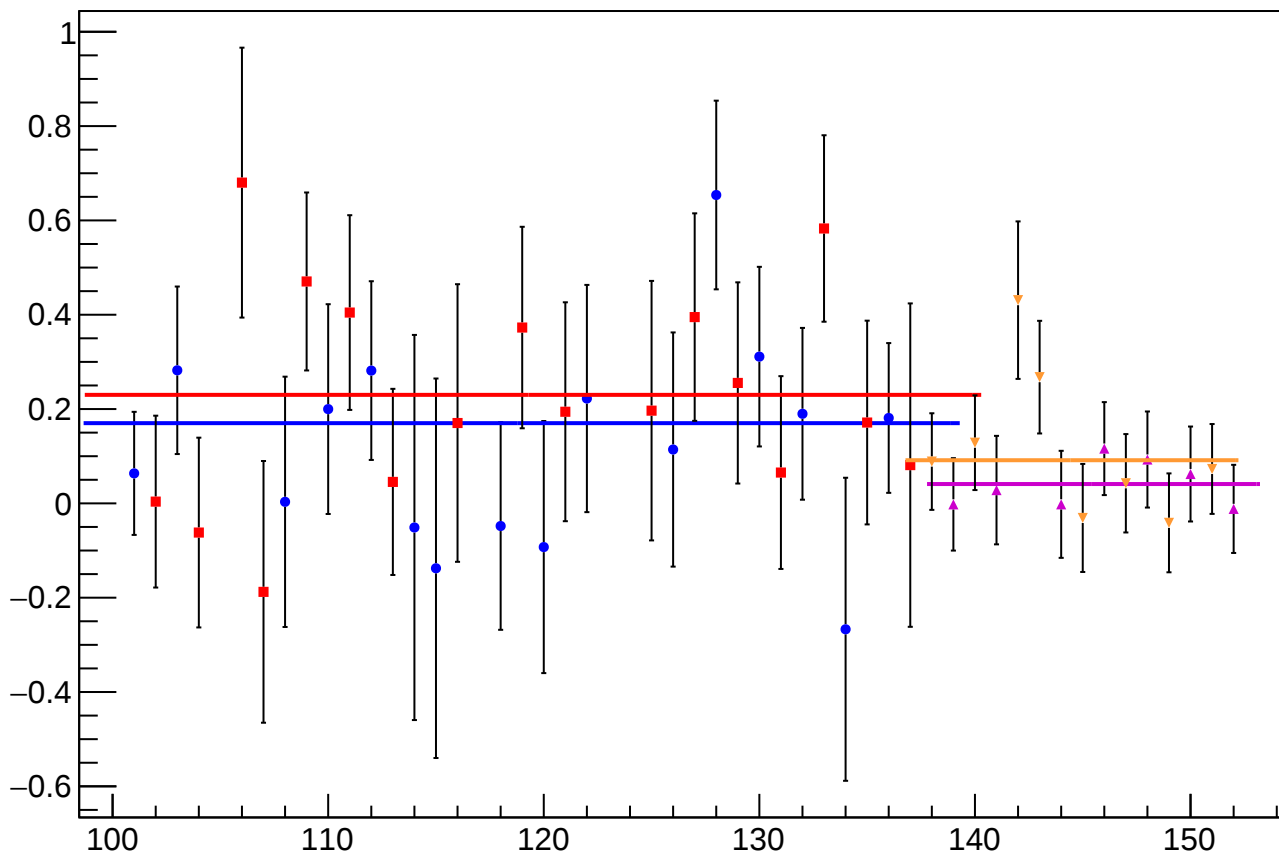
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.012 ± 0.020 χ^2/NDF : 24.3/22

Out: -0.070 ± 0.019 χ^2/NDF : 25.6/24

All: -0.041 ± 0.014 χ^2/NDF : 54.3/47

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.091 ± 0.039 $\chi^2/\text{NDF}: 9.4/7$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.041 ± 0.039 $\chi^2/\text{NDF}: 1.6/6$

Left: 0.066 ± 0.027 $\chi^2/\text{NDF}: 11.9/14$

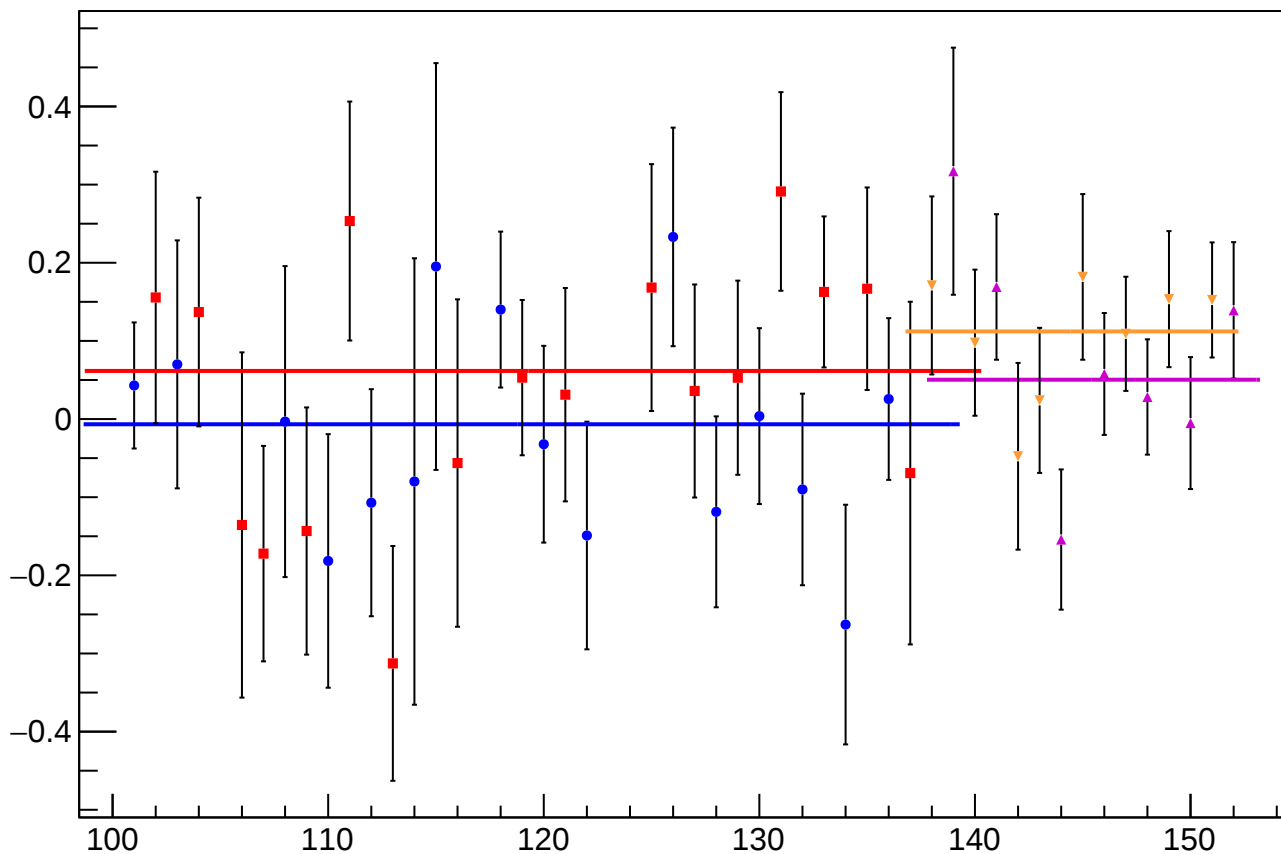
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.087 ± 0.031 $\chi^2/\text{NDF}: 18.5/22$

Out: 0.139 ± 0.031 $\chi^2/\text{NDF}: 30.6/24$

All: 0.112 ± 0.022 $\chi^2/\text{NDF}: 50.5/47$

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 : 20.0/16

Left In: 0.050 ± 0.033 χ^2/NDF : 11.2/6

Left: 0.082 ± 0.023 χ^2/NDF : 17.0/14

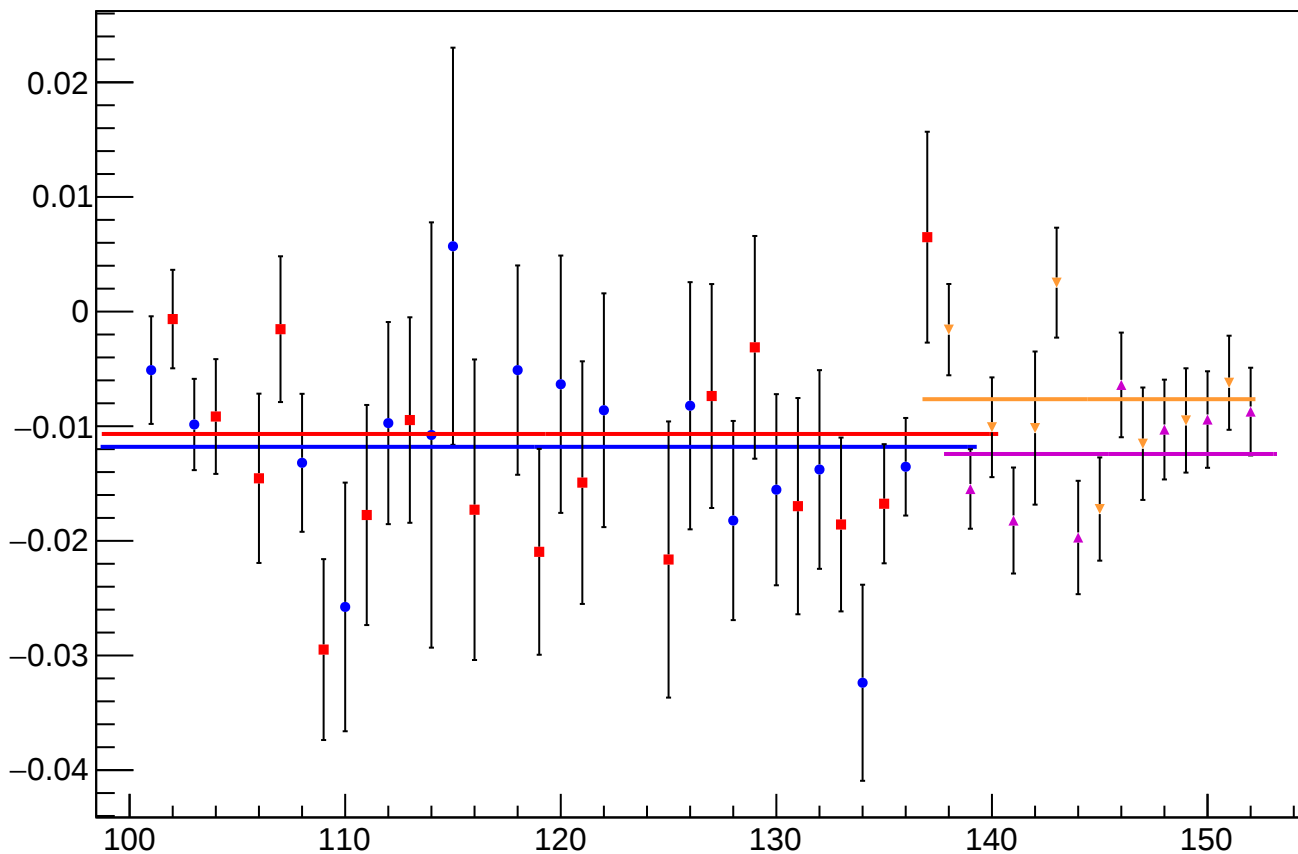
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.021 ± 0.023 χ^2/NDF : 25.9/22

Out: 0.088 ± 0.023 χ^2/NDF : 25.1/24

All: 0.055 ± 0.016 χ^2/NDF : 55.2/47

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.002 χ^2/NDF : 12.7/7

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.012 ± 0.002 χ^2/NDF : 7.9/6

Left: -0.010 ± 0.001 χ^2/NDF : 25.1/14

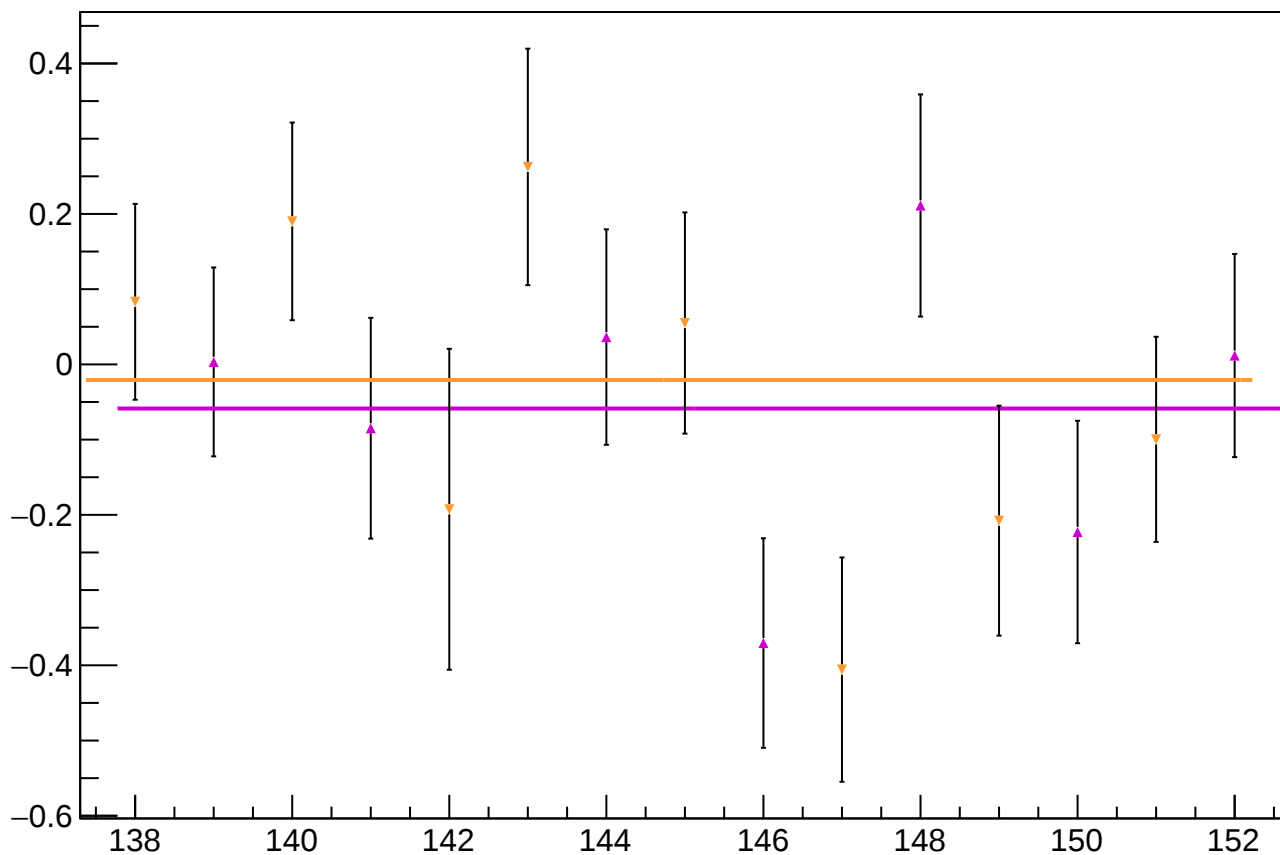
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.012 ± 0.001 χ^2/NDF : 20.8/22

Out: -0.009 ± 0.001 χ^2/NDF : 38.1/24

All: -0.011 ± 0.001 χ^2/NDF : 62.3/47

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.021+/-0.052 χ^2/NDF :15.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.059+/-0.053 χ^2/NDF :10.6/6

Left: -0.039+/-0.037 χ^2/NDF : 26.7/14

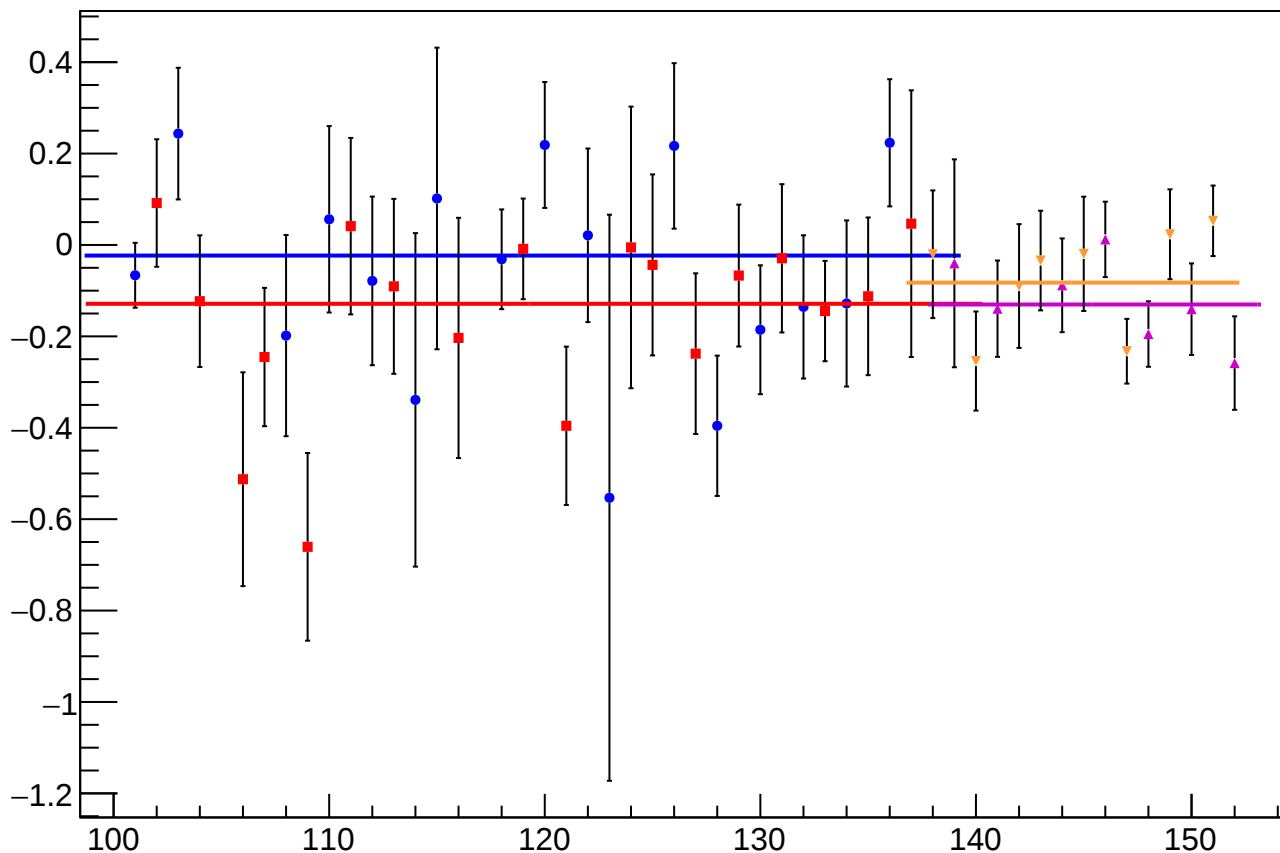
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.059+/-0.053 χ^2/NDF :10.6/6

Out: -0.021+/-0.052 χ^2/NDF :15.9/7

All: -0.039+/-0.037 χ^2/NDF : 26.7/14

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.082 ± 0.035 χ^2/NDF : 11.9/7

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.130 ± 0.037 χ^2/NDF : 5.7/6

Left: -0.105 ± 0.025 χ^2/NDF : 18.5/14

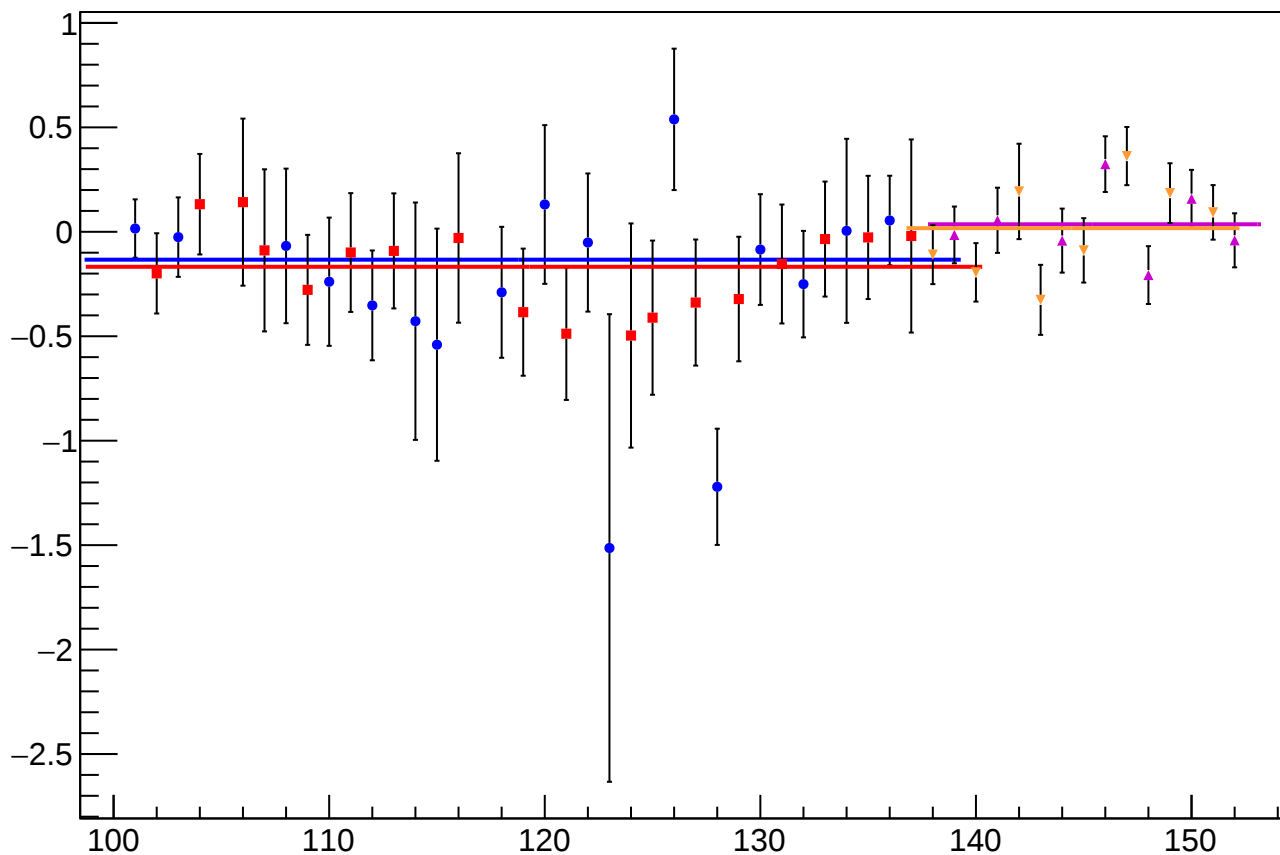
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.076 ± 0.026 χ^2/NDF : 32.4/23

Out: -0.103 ± 0.026 χ^2/NDF : 31.3/25

All: -0.090 ± 0.018 χ^2/NDF : 64.2/49

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.017 ± 0.053 χ^2/NDF : 16.2/7

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.036 ± 0.053 χ^2/NDF : 9.3/6

Left: 0.027 ± 0.037 χ^2/NDF : 25.6/14

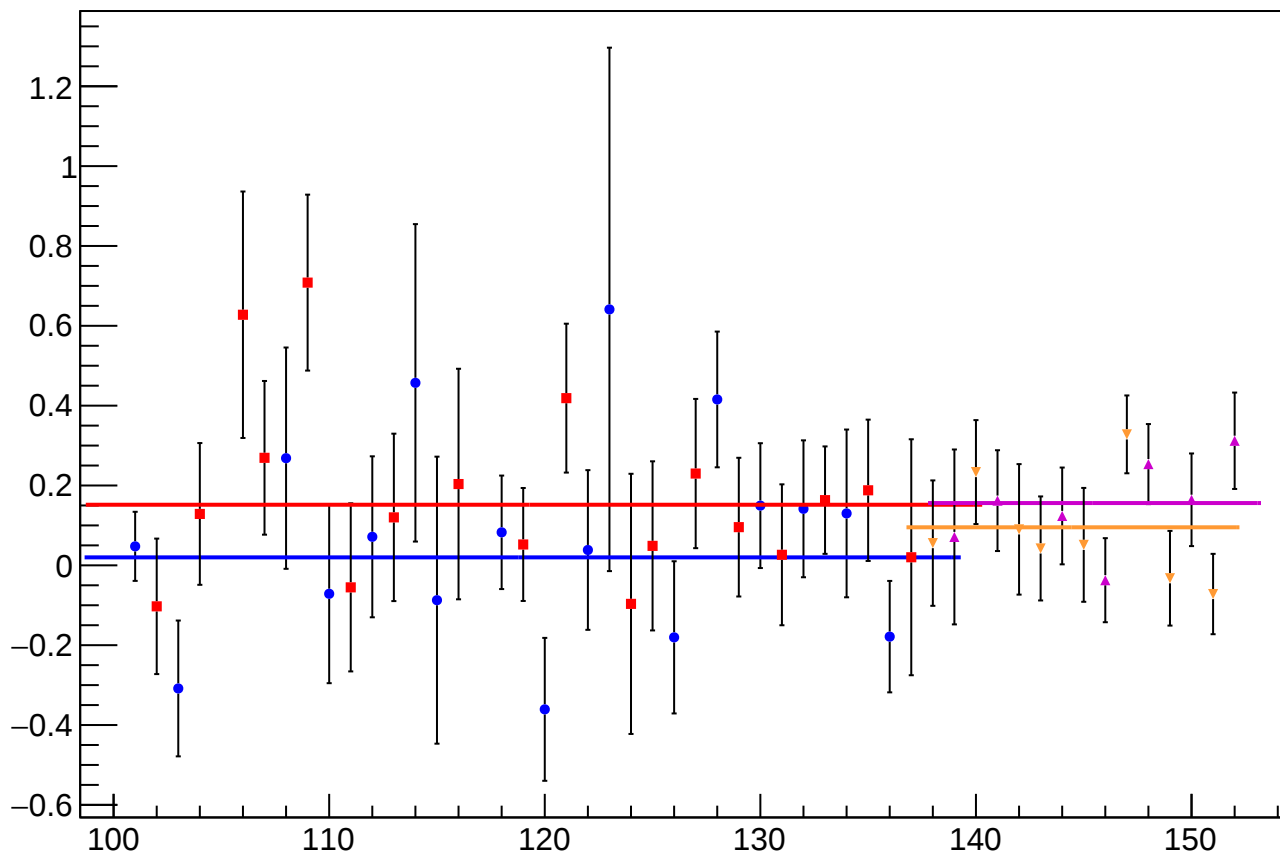
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.029 ± 0.041 χ^2/NDF : 39.0/23

Out: -0.049 ± 0.042 χ^2/NDF : 26.7/25

All: -0.039 ± 0.030 χ^2/NDF : 65.8/49

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.095 ± 0.044 $\chi^2/\text{NDF}: 11.1/7$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.156 ± 0.045 $\chi^2/\text{NDF}: 6.2/6$

Left: 0.125 ± 0.032 $\chi^2/\text{NDF}: 18.2/14$

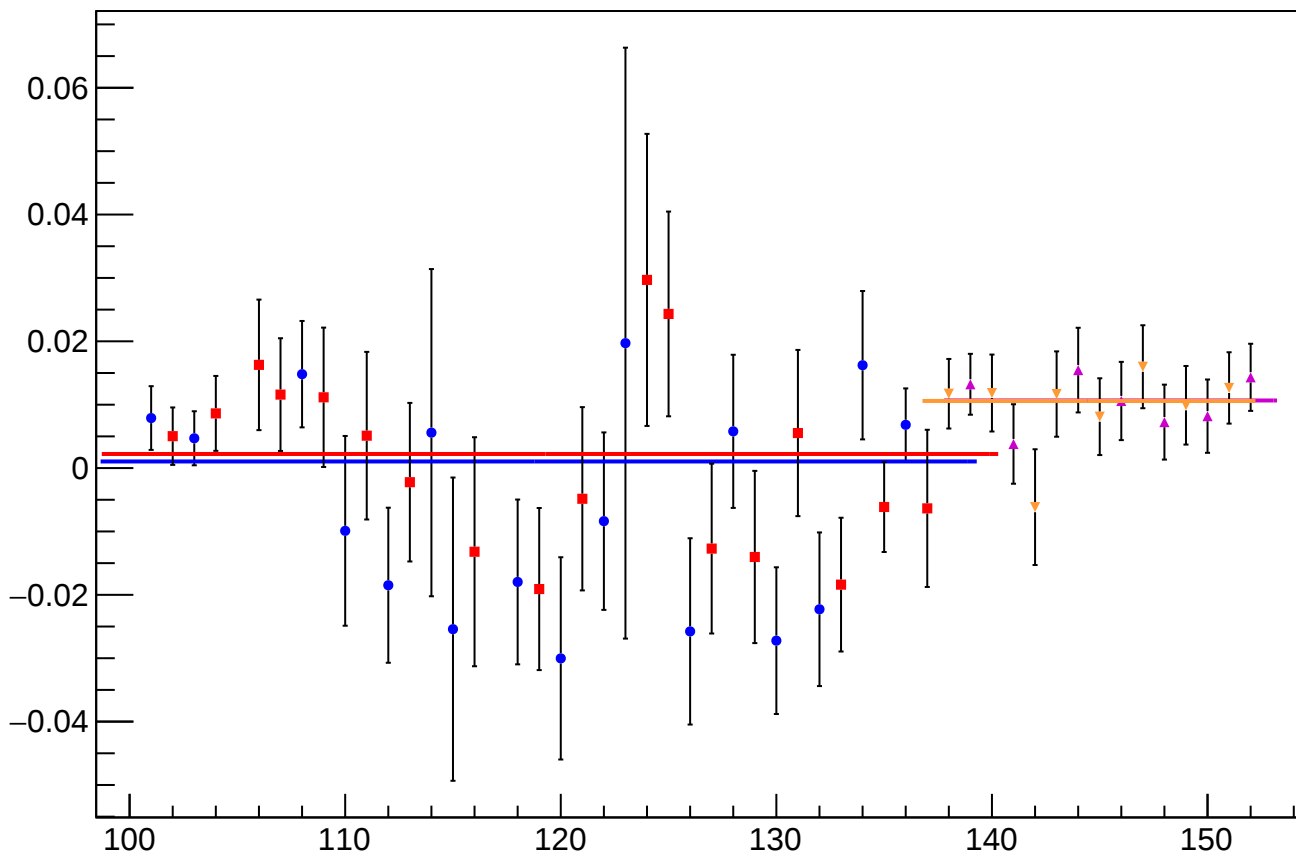
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.083 ± 0.031 $\chi^2/\text{NDF}: 32.8/23$

Out: 0.123 ± 0.032 $\chi^2/\text{NDF}: 28.7/25$

All: 0.102 ± 0.022 $\chi^2/\text{NDF}: 62.3/49$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF : 32.0/16

Left Out: 0.011+/-0.002 χ^2/NDF : 4.5/7

Right Out: 0.002+/-0.002 χ^2/NDF : 20.8/17

Left In: 0.011+/-0.002 χ^2/NDF : 3.0/6

Left: 0.011+/-0.002 χ^2/NDF : 7.5/14

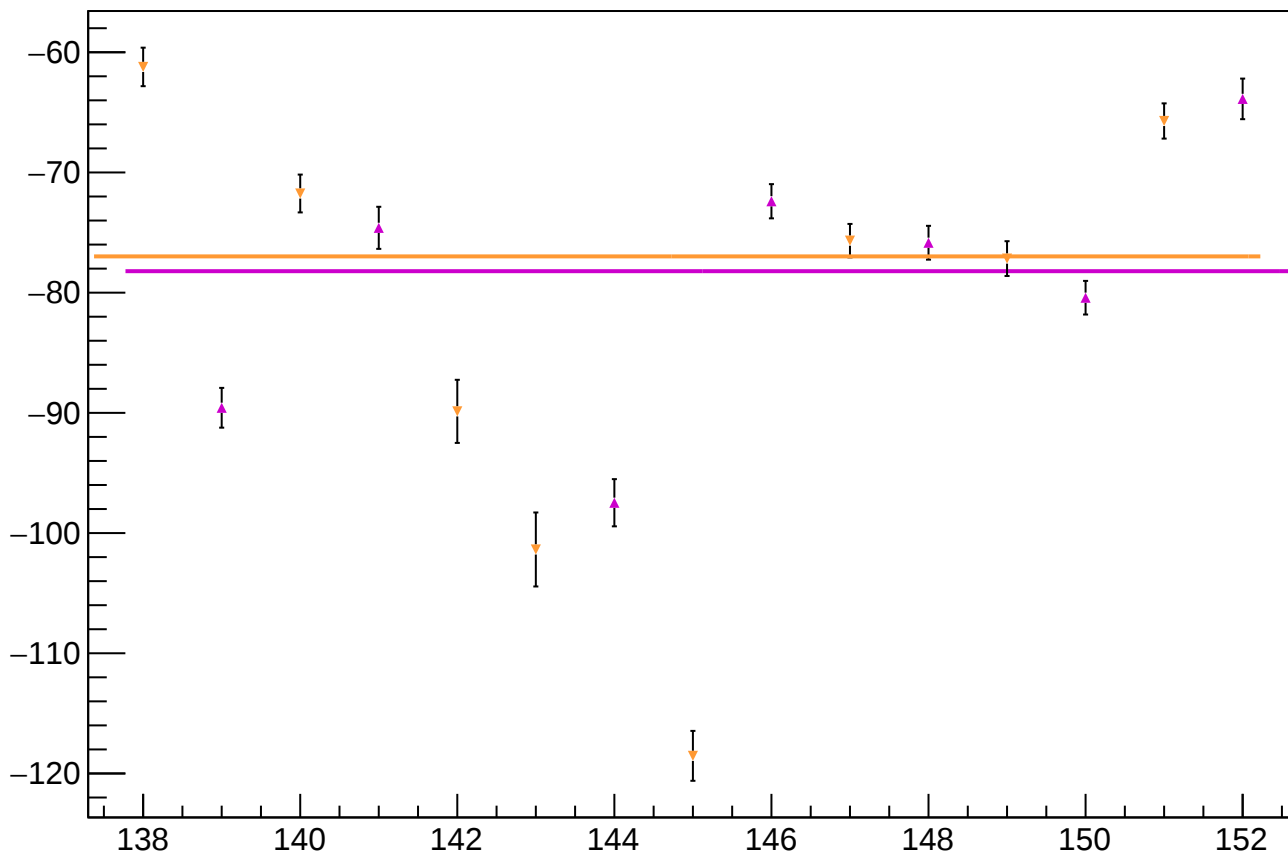
Right: 0.002+/-0.002 χ^2/NDF : 53.0/34

In: 0.006+/-0.002 χ^2/NDF : 44.6/23

Out: 0.007+/-0.002 χ^2/NDF : 32.2/25

All: 0.006+/-0.001 χ^2/NDF : 76.8/49

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: -78.213+/-0.596 χ^2/NDF :241.7/6

Left: -77.606+/-0.425 χ^2/NDF : 899.3/14

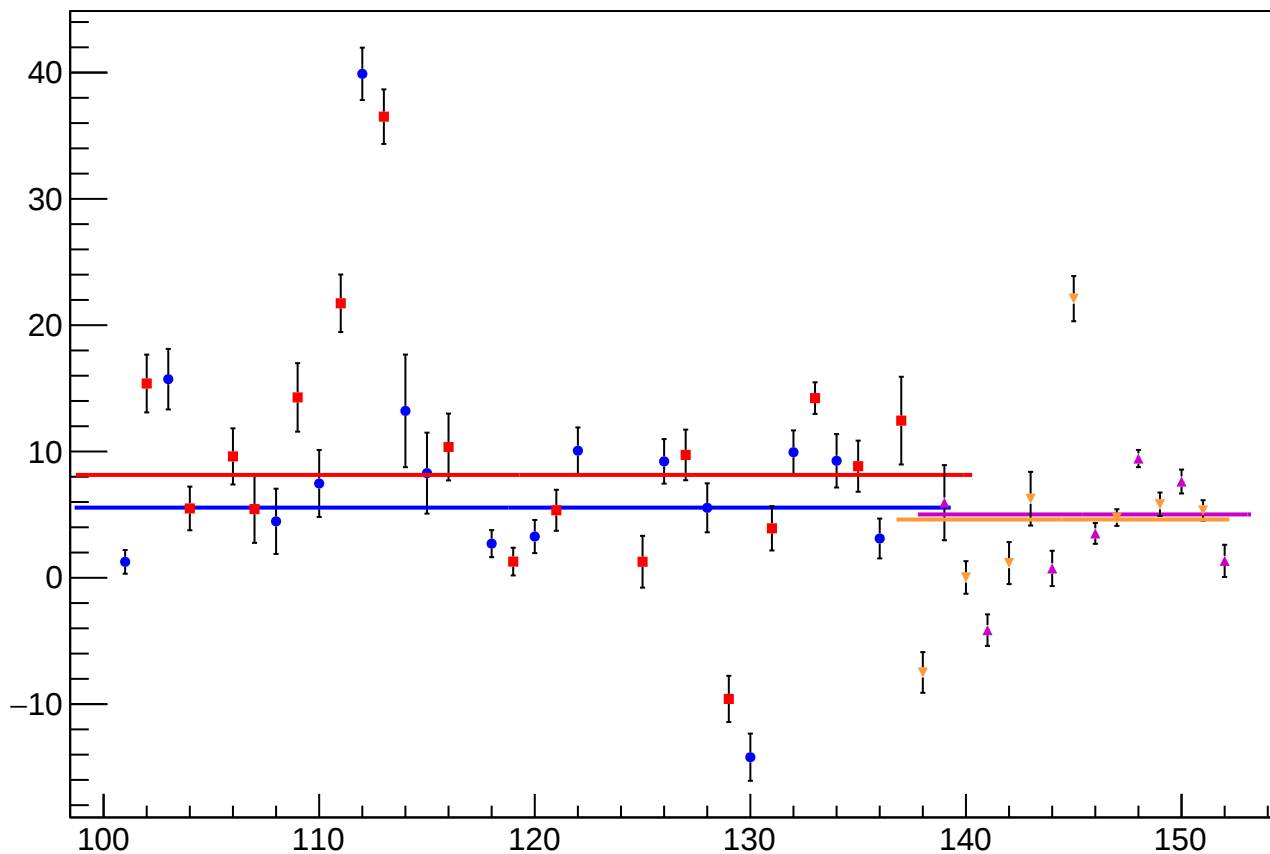
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.213+/-0.596 χ^2/NDF :241.7/6

Out: -76.983+/-0.604 χ^2/NDF :655.5/7

All: -77.606+/-0.425 χ^2/NDF : 899.3/14

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 4.616 ± 0.381 $\chi^2/\text{NDF}: 172.2/7$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 5.017 ± 0.389 $\chi^2/\text{NDF}: 124.6/6$

Left: 4.813 ± 0.272 $\chi^2/\text{NDF}: 297.4/14$

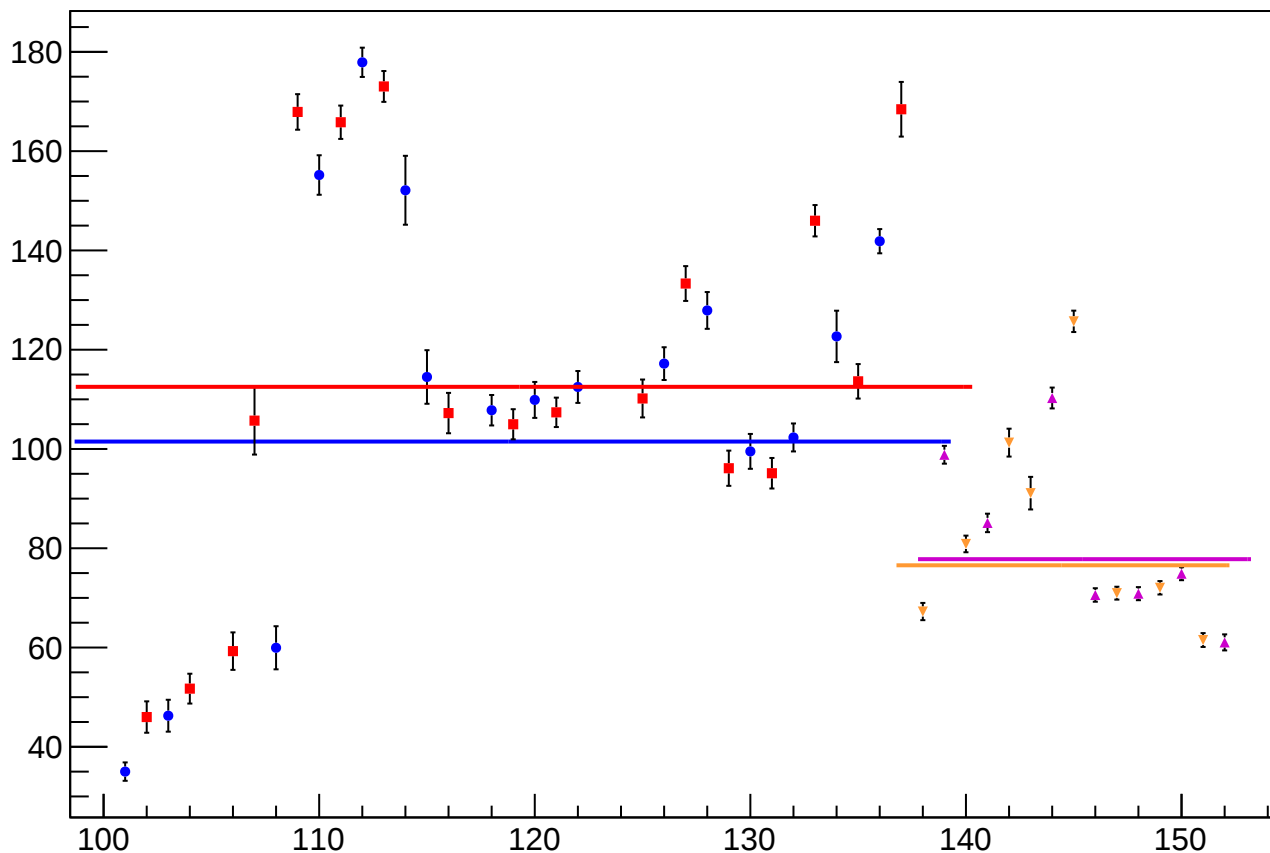
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 5.264 ± 0.287 $\chi^2/\text{NDF}: 587.5/22$

Out: 6.076 ± 0.292 $\chi^2/\text{NDF}: 614.4/24$

All: 5.662 ± 0.205 $\chi^2/\text{NDF}: 1205.9/47$

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: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

Left In: 77.802 $\pm$ 0.586 χ^2/NDF : 560.5/6

Left: 77.199 $\pm$ 0.419 χ^2/NDF : 1361.3/14

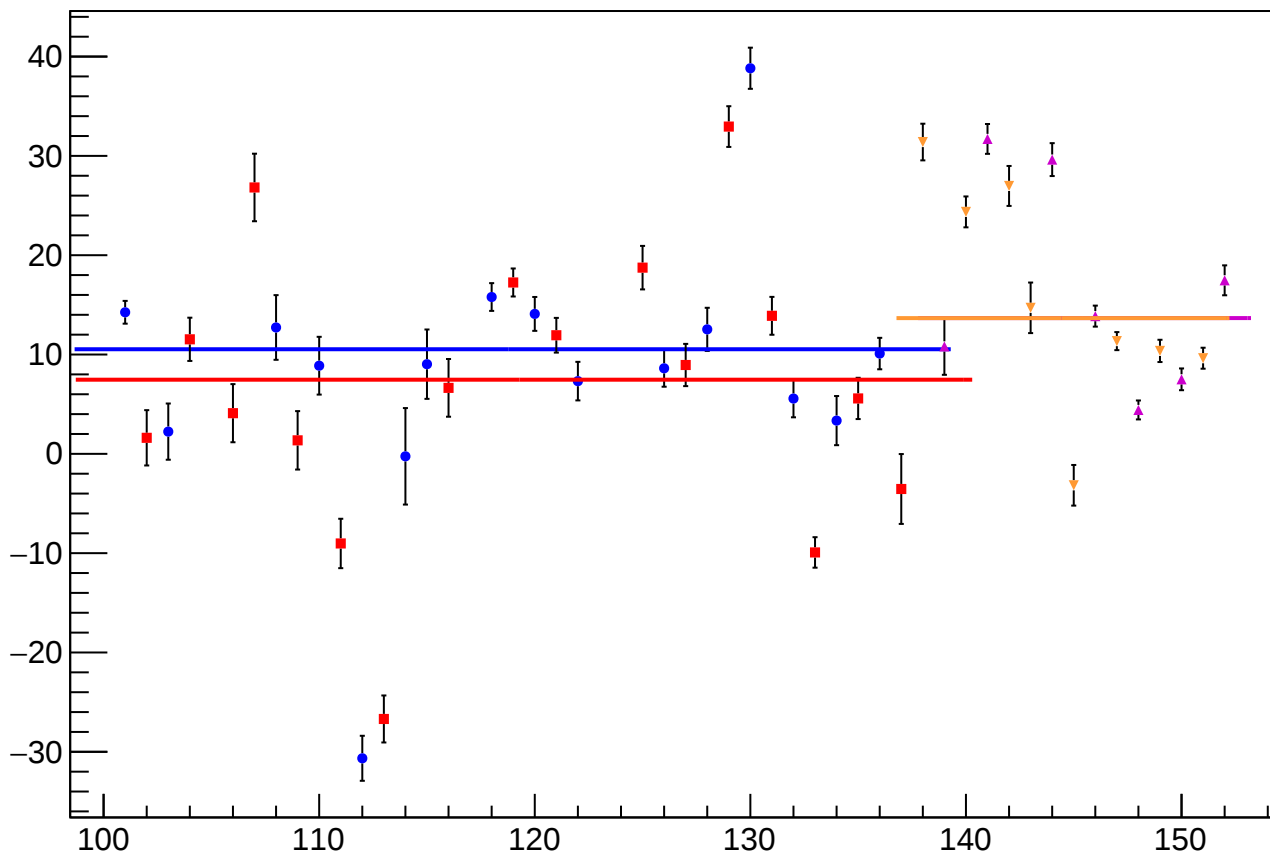
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 85.971 $\pm$ 0.475 χ^2/NDF : 4096.6/22

Out: 88.664 $\pm$ 0.489 χ^2/NDF : 4242.0/24

All: 87.277 $\pm$ 0.341 χ^2/NDF : 8354.1/47

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 13.666 ± 0.485 $\chi^2/\text{NDF}: 281.0/7$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 13.670 ± 0.488 $\chi^2/\text{NDF}: 370.1/6$

Left: 13.668 ± 0.344 $\chi^2/\text{NDF}: 651.1/14$

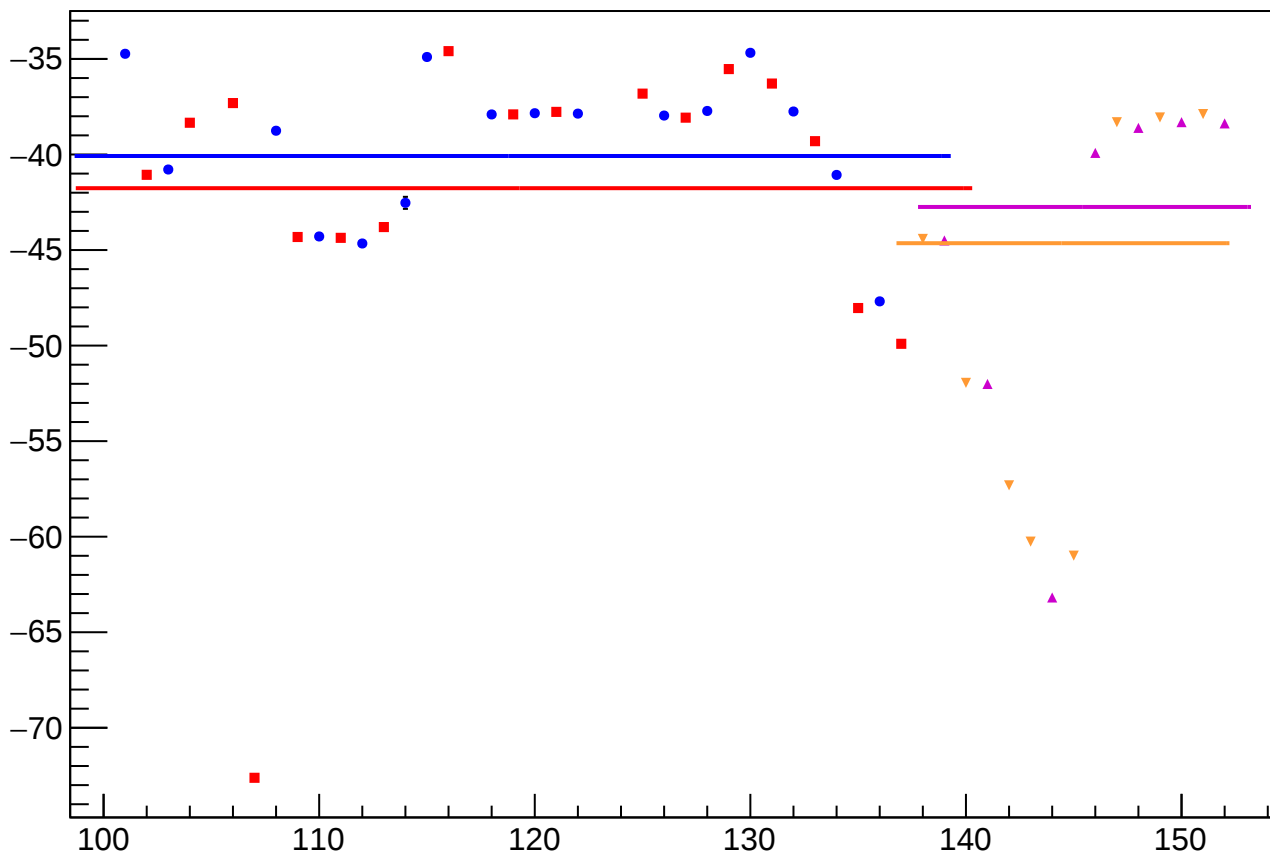
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 12.116 ± 0.347 $\chi^2/\text{NDF}: 970.9/22$

Out: 10.812 ± 0.356 $\chi^2/\text{NDF}: 1041.2/24$

All: 11.481 ± 0.249 $\chi^2/\text{NDF}: 2018.9/47$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -44.642 ± 0.026 $\chi^2/\text{NDF}: 108968.0/7$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -42.745 ± 0.024 $\chi^2/\text{NDF}: 83426.9/6$

Left: -43.642 ± 0.018 $\chi^2/\text{NDF}: 195242.9/14$

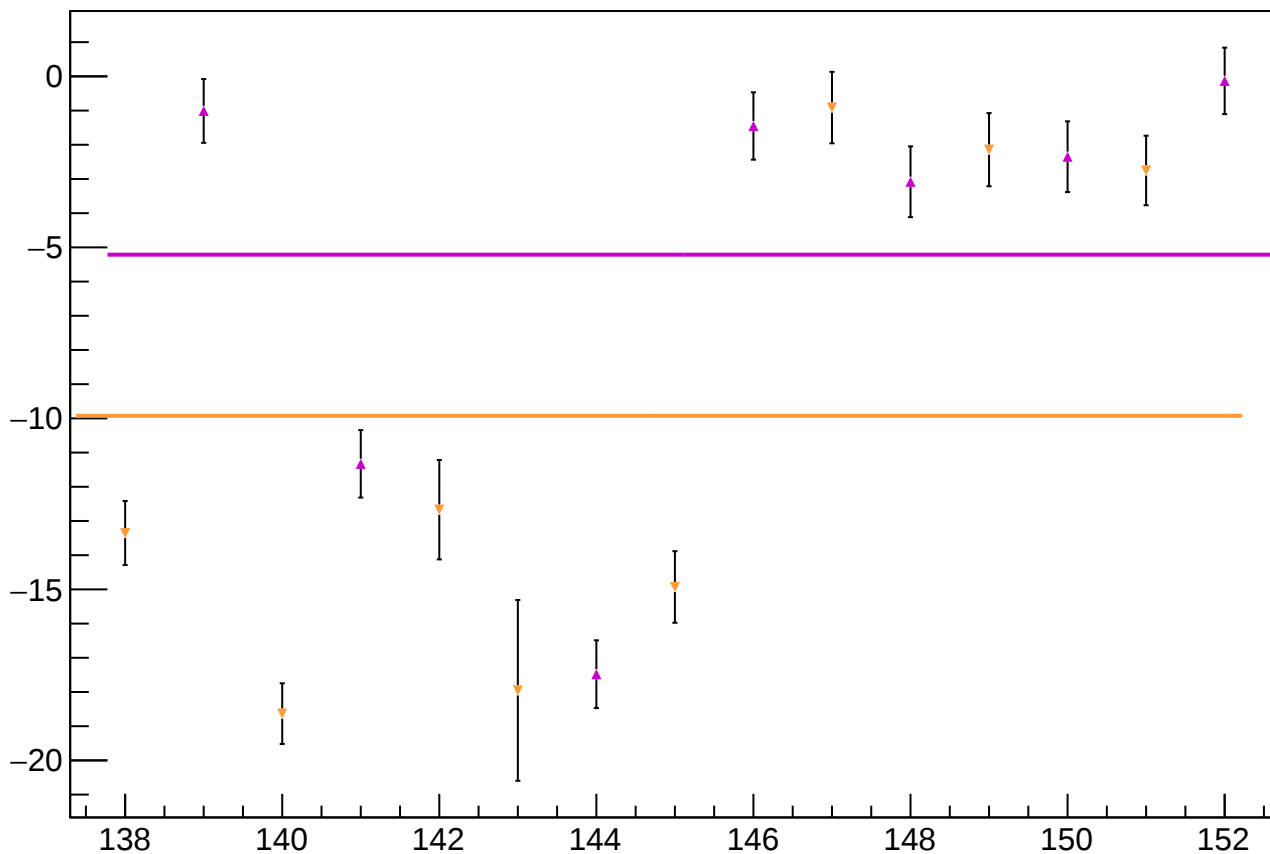
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -41.602 ± 0.018 $\chi^2/\text{NDF}: 113674.9/22$

Out: -43.363 ± 0.019 $\chi^2/\text{NDF}: 174748.2/24$

All: -42.447 ± 0.013 $\chi^2/\text{NDF}: 292779.6/47$

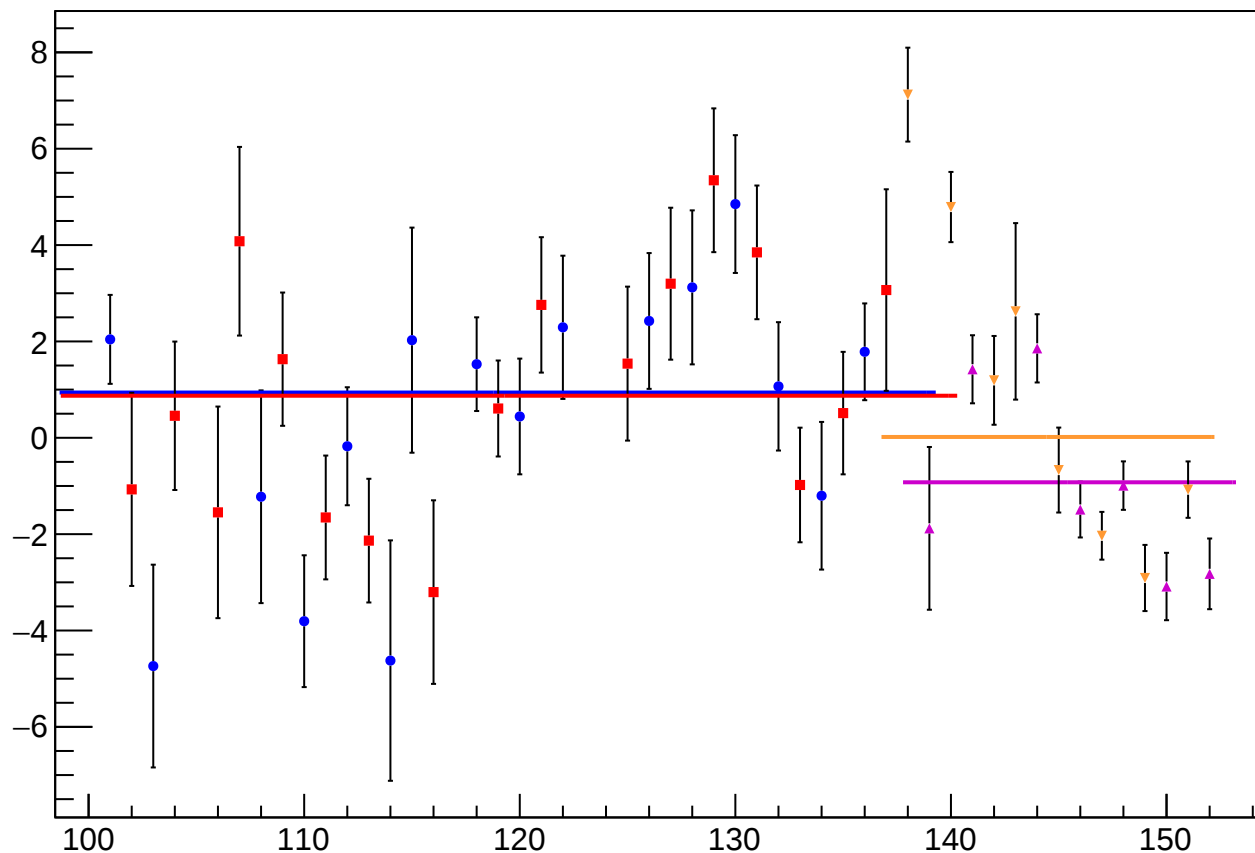
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.924+/-0.386 χ^2/NDF : 322.7/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.214+/-0.374 χ^2/NDF : 265.8/6

Left: -7.492+/-0.269 χ^2/NDF : 665.3/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.214+/-0.374 χ^2/NDF : 265.8/6
 Out: -9.924+/-0.386 χ^2/NDF : 322.7/7
 All: -7.492+/-0.269 χ^2/NDF : 665.3/14

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 0.017 ± 0.260 $\chi^2/\text{NDF}: 139.1/7$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -0.924 ± 0.257 $\chi^2/\text{NDF}: 44.0/6$

Left: -0.459 ± 0.183 $\chi^2/\text{NDF}: 189.7/14$

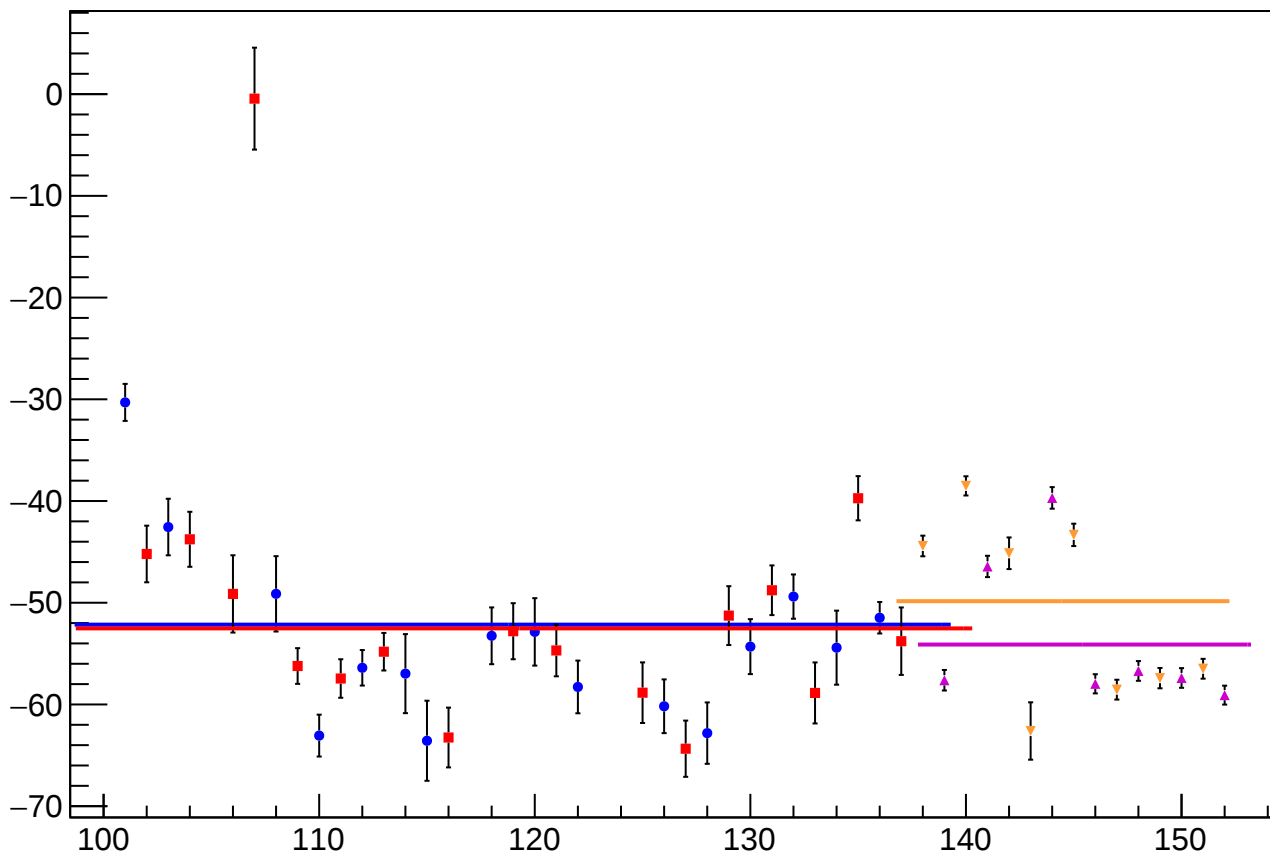
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: -0.244 ± 0.205 $\chi^2/\text{NDF}: 105.4/22$

Out: 0.317 ± 0.209 $\chi^2/\text{NDF}: 183.4/24$

All: 0.030 ± 0.146 $\chi^2/\text{NDF}: 292.5/47$

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: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.111 ± 0.373 χ^2/NDF : 314.6/6

Left: -52.076 ± 0.270 χ^2/NDF : 797.9/14

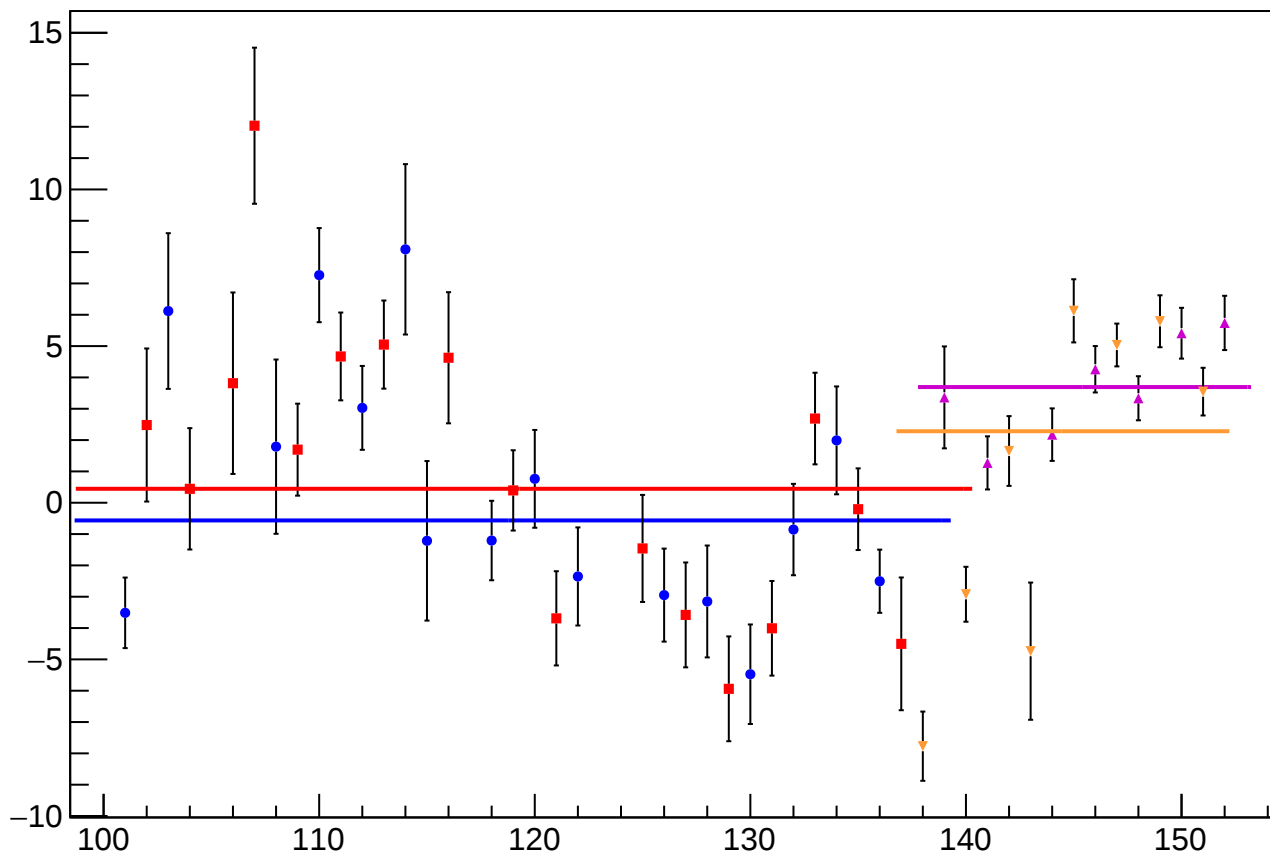
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.582 ± 0.319 χ^2/NDF : 553.1/22

Out: -50.609 ± 0.330 χ^2/NDF : 651.9/24

All: -52.148 ± 0.229 χ^2/NDF : 1247.1/47

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: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 3.693 ± 0.318 χ^2/NDF : 22.4/6

Left: 3.003 ± 0.227 χ^2/NDF : 212.1/14

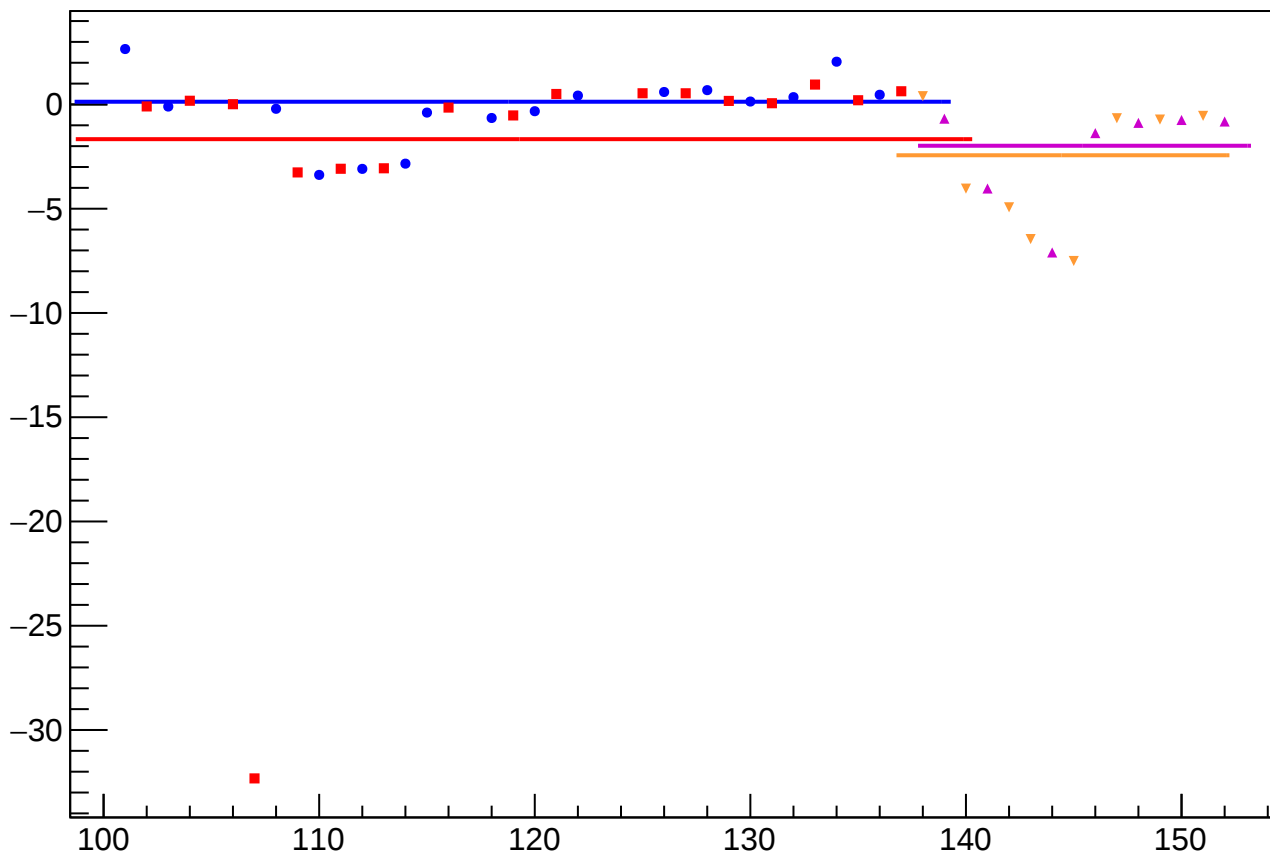
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.963 ± 0.245 χ^2/NDF : 177.1/22

Out: 1.551 ± 0.252 χ^2/NDF : 286.9/24

All: 1.763 ± 0.176 χ^2/NDF : 465.3/47

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: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -1.980 ± 0.015 $\chi^2/\text{NDF}: 18644.6/6$

Left: -2.193 ± 0.011 $\chi^2/\text{NDF}: 47382.8/14$

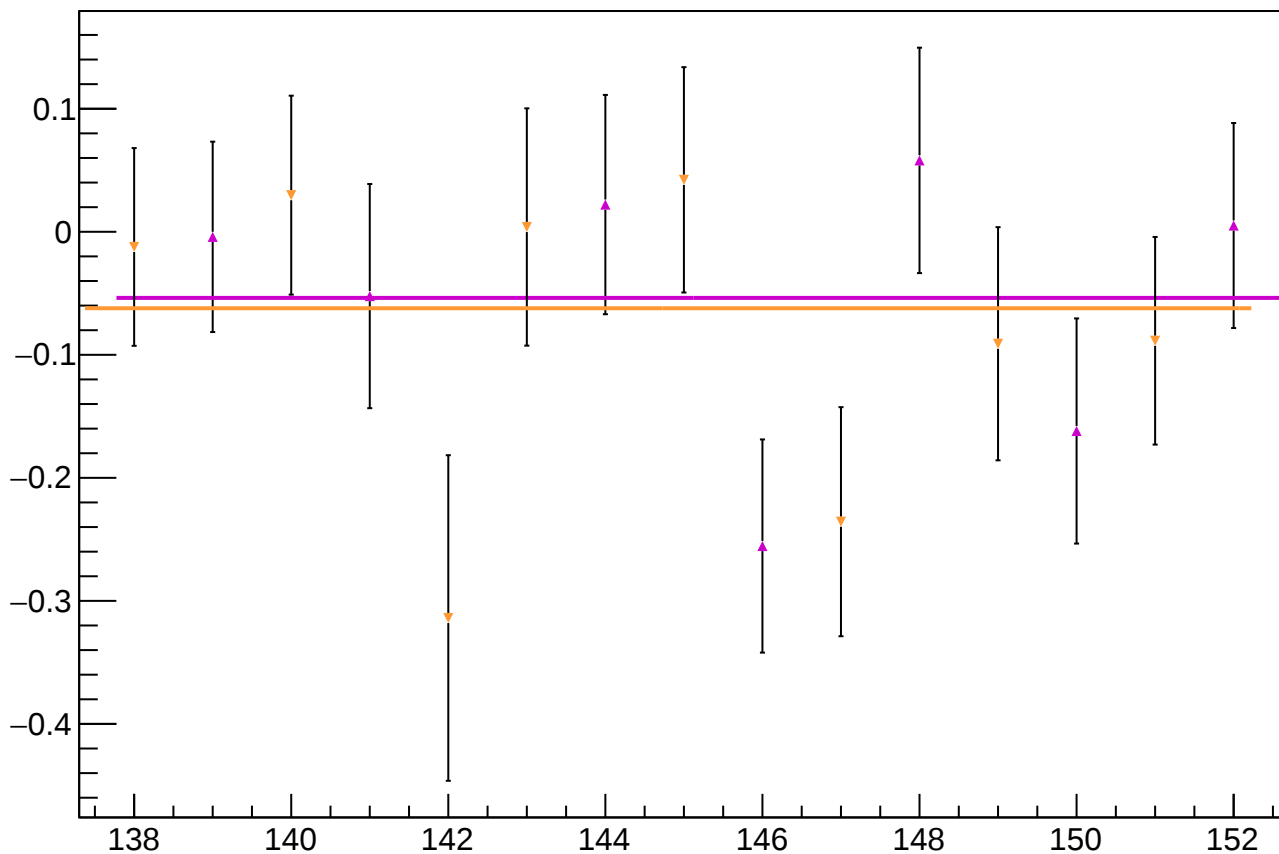
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.265 ± 0.013 $\chi^2/\text{NDF}: 30241.2/22$

Out: -2.157 ± 0.013 $\chi^2/\text{NDF}: 106724.7/24$

All: -1.689 ± 0.009 $\chi^2/\text{NDF}: 139372.1/47$

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: -0.054+/-0.033 χ^2/NDF :9.9/6

Left: -0.058+/-0.023 χ^2/NDF : 20.7/14

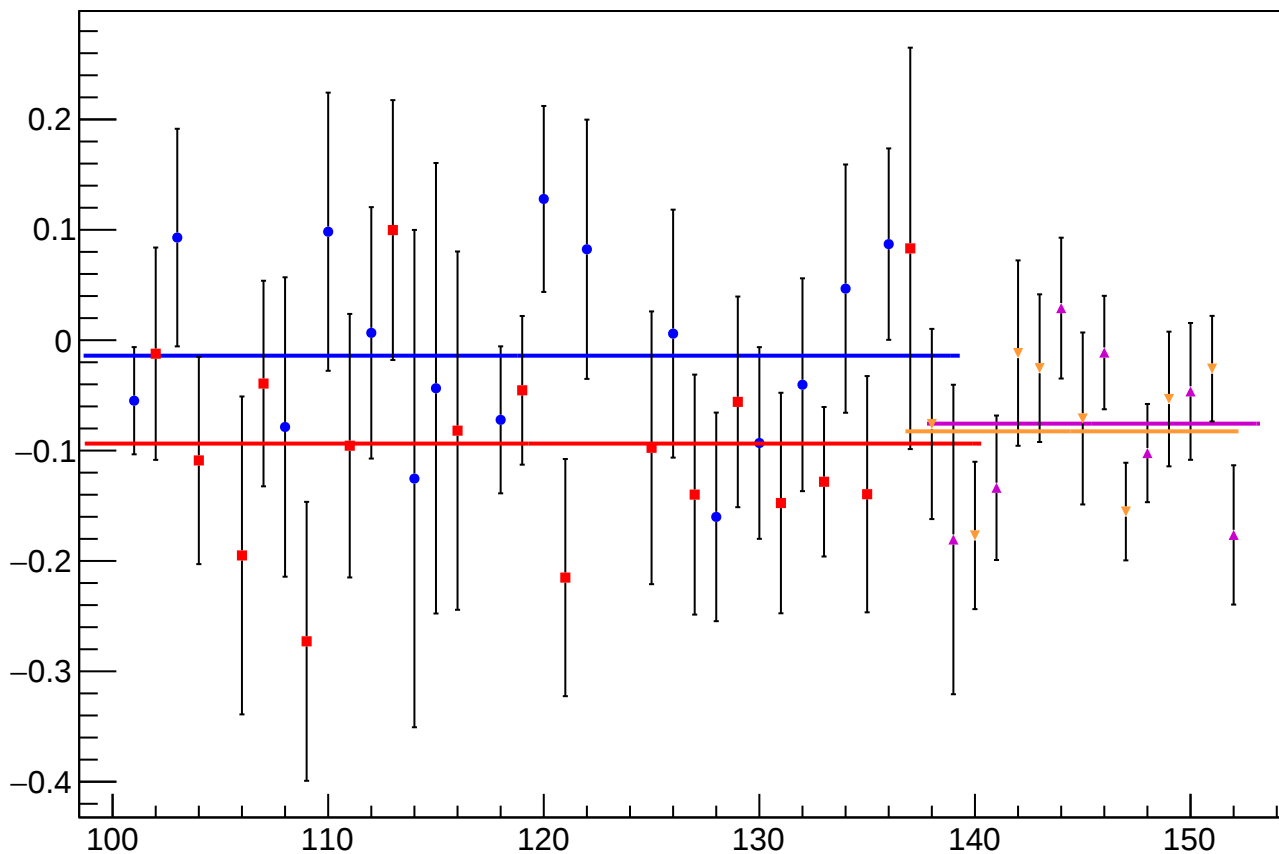
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.033 χ^2/NDF :9.9/6

Out: -0.062+/-0.032 χ^2/NDF :10.7/7

All: -0.058+/-0.023 χ^2/NDF : 20.7/14

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.083 ± 0.022 χ^2/NDF : 7.8/7

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.076 ± 0.023 χ^2/NDF : 8.7/6

Left: -0.079 ± 0.016 χ^2/NDF : 16.6/14

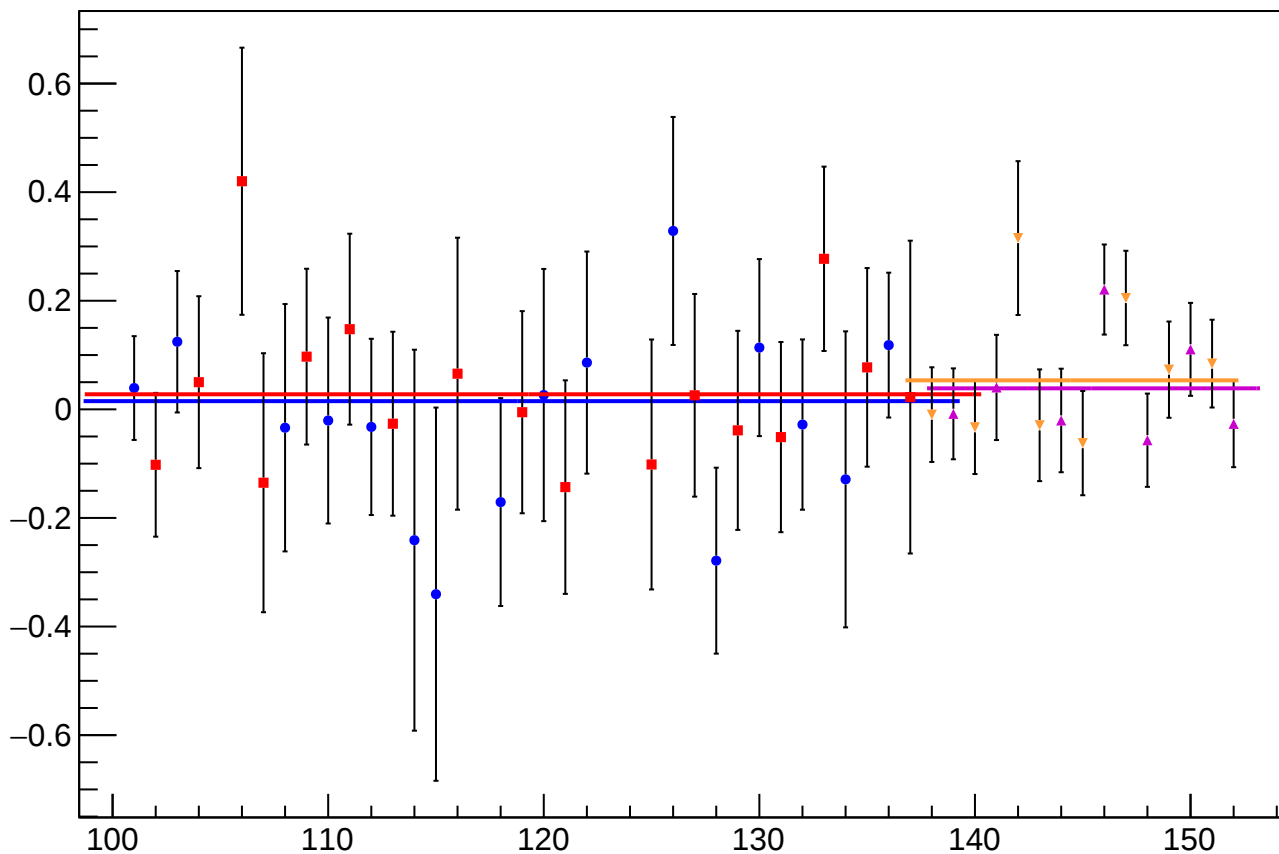
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.045 ± 0.016 χ^2/NDF : 24.8/22

Out: -0.087 ± 0.016 χ^2/NDF : 18.0/24

All: -0.066 ± 0.012 χ^2/NDF : 46.1/47

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.053 $\pm$ 0.033 χ^2 /NDF:10.3/7

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.039 $\pm$ 0.033 χ^2 /NDF:8.1/6

Left: 0.046 $\pm$ 0.023 χ^2 /NDF: 18.5/14

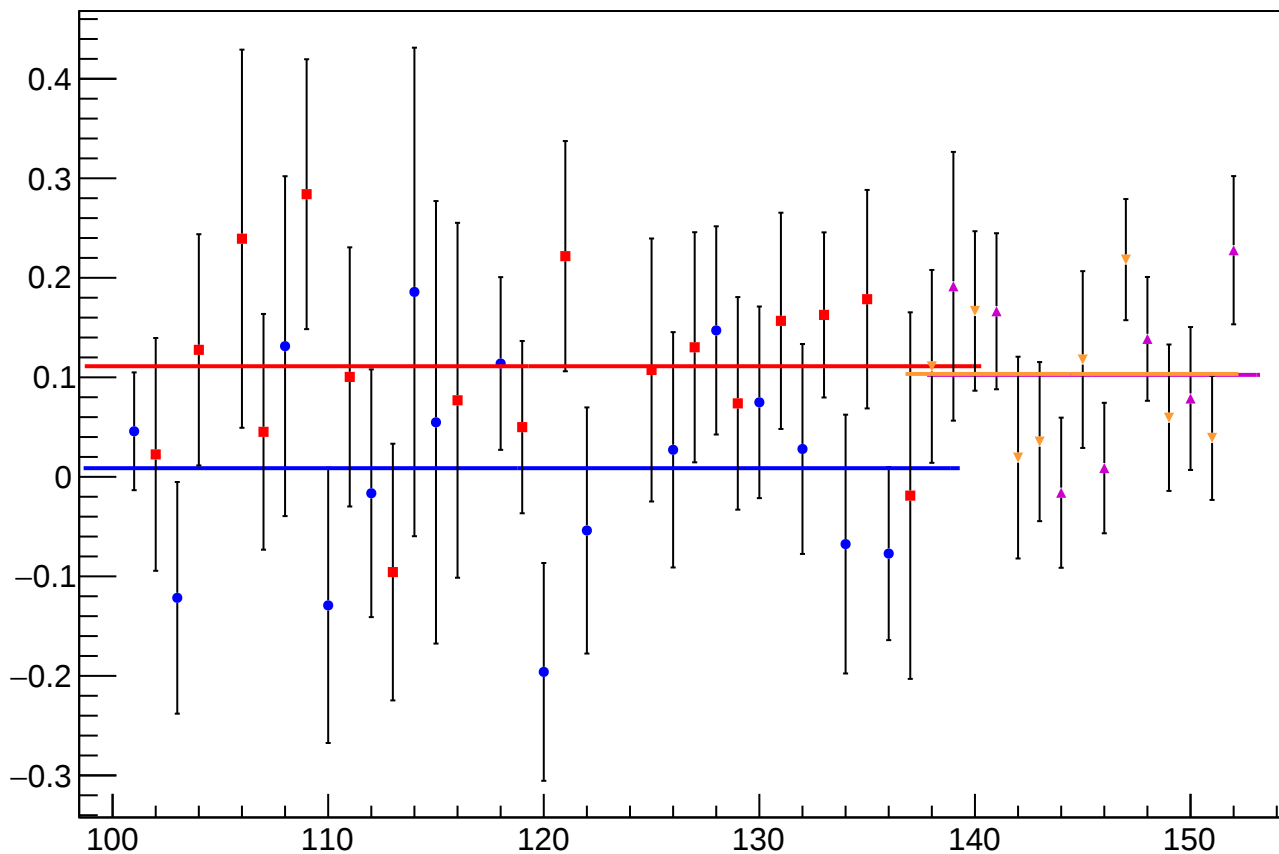
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.030 $\pm$ 0.026 χ^2 /NDF:18.4/22

Out: 0.045 $\pm$ 0.026 χ^2 /NDF:18.9/24

All: 0.037 $\pm$ 0.019 χ^2 /NDF: 37.5/47

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.103 $\pm$ 0.027 χ^2 /NDF: 7.0/7

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.102 $\pm$ 0.028 χ^2 /NDF: 8.9/6

Left: 0.103 $\pm$ 0.020 χ^2 /NDF: 15.9/14

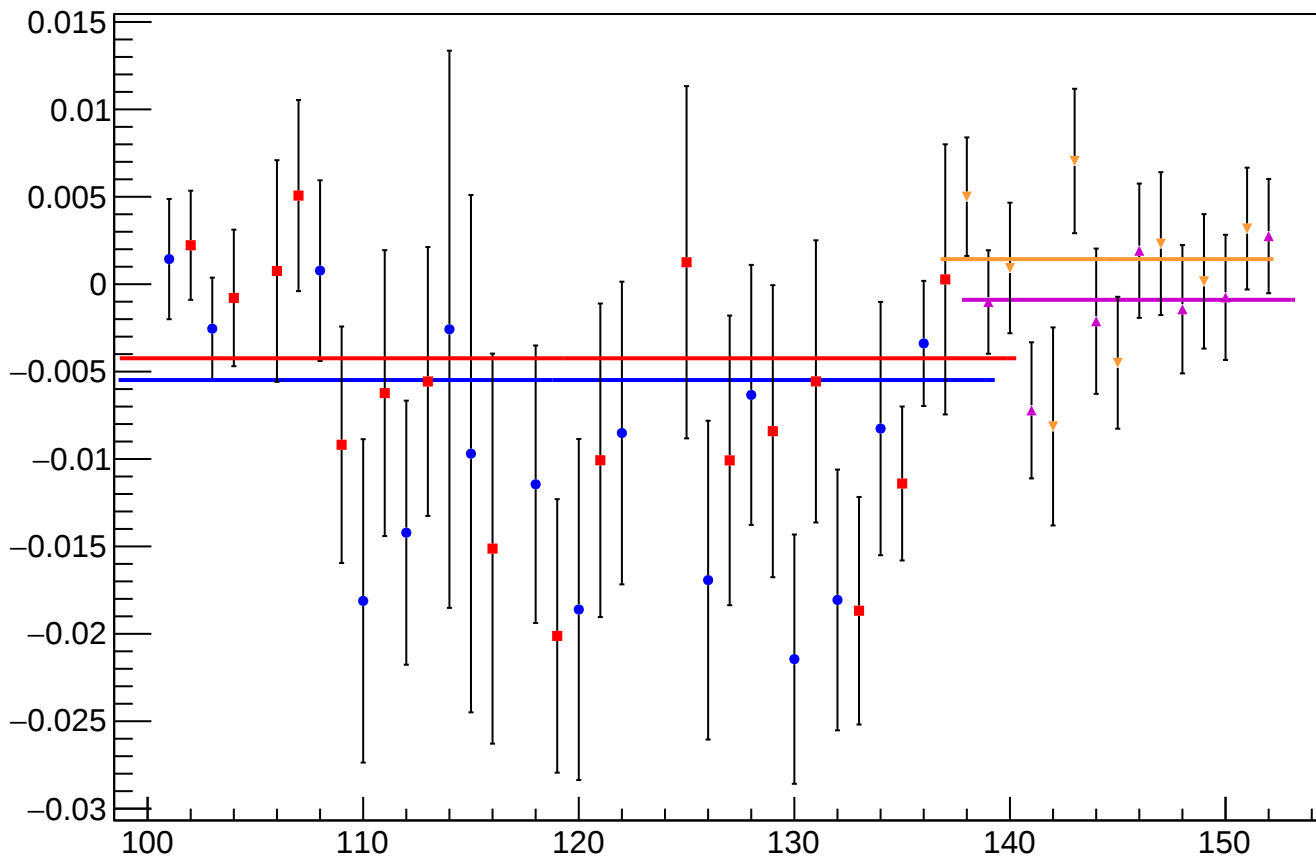
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.053 $\pm$ 0.019 χ^2 /NDF: 27.3/22

Out: 0.107 $\pm$ 0.020 χ^2 /NDF: 15.7/24

All: 0.080 $\pm$ 0.014 χ^2 /NDF: 46.7/47

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 8.7/7

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.001 ± 0.001 χ^2/NDF : 4.5/6

Left: 0.000 ± 0.001 χ^2/NDF : 14.7/14

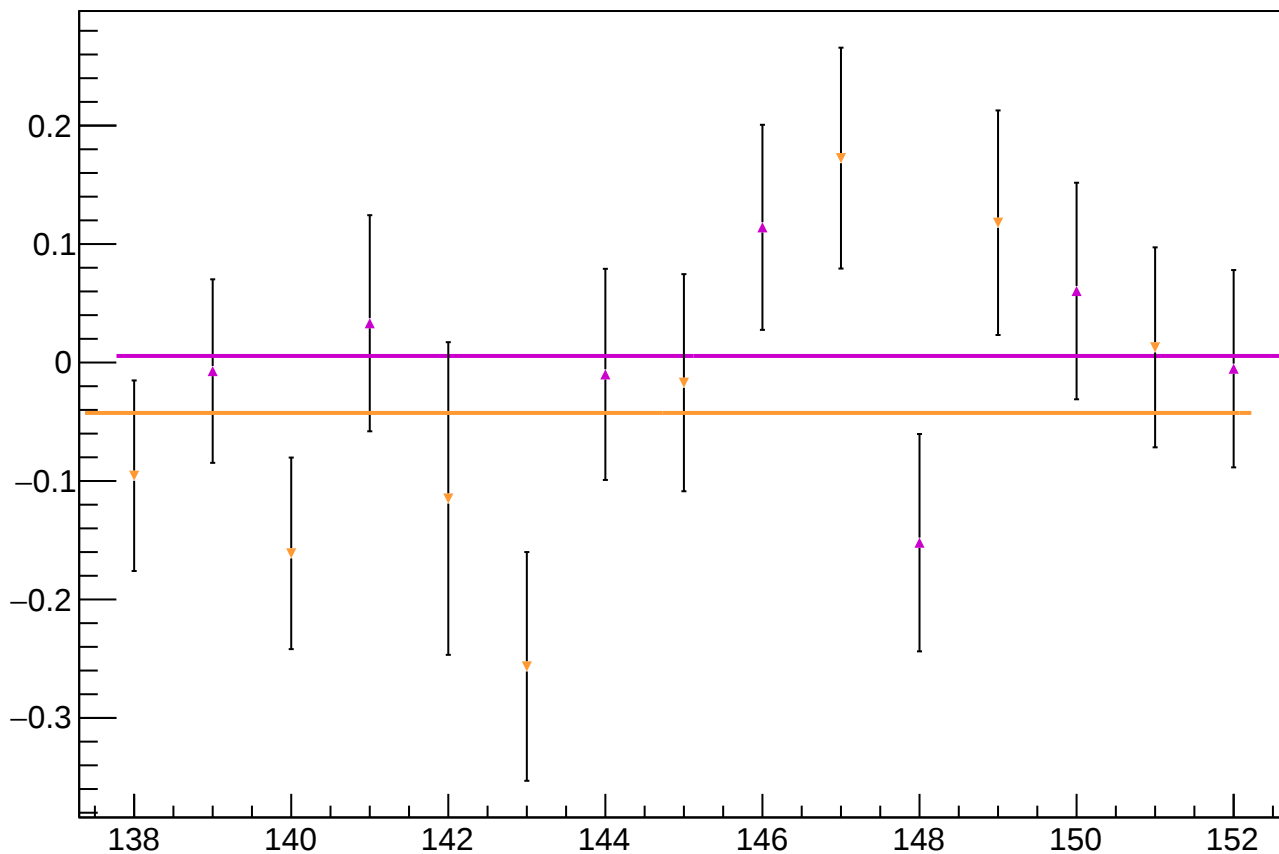
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.003 ± 0.001 χ^2/NDF : 32.2/22

Out: -0.001 ± 0.001 χ^2/NDF : 40.3/24

All: -0.002 ± 0.001 χ^2/NDF : 74.2/47

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: 0.006+/-0.033 χ^2/NDF :5.1/6

Left: -0.019+/-0.023 χ^2/NDF : 22.6/14

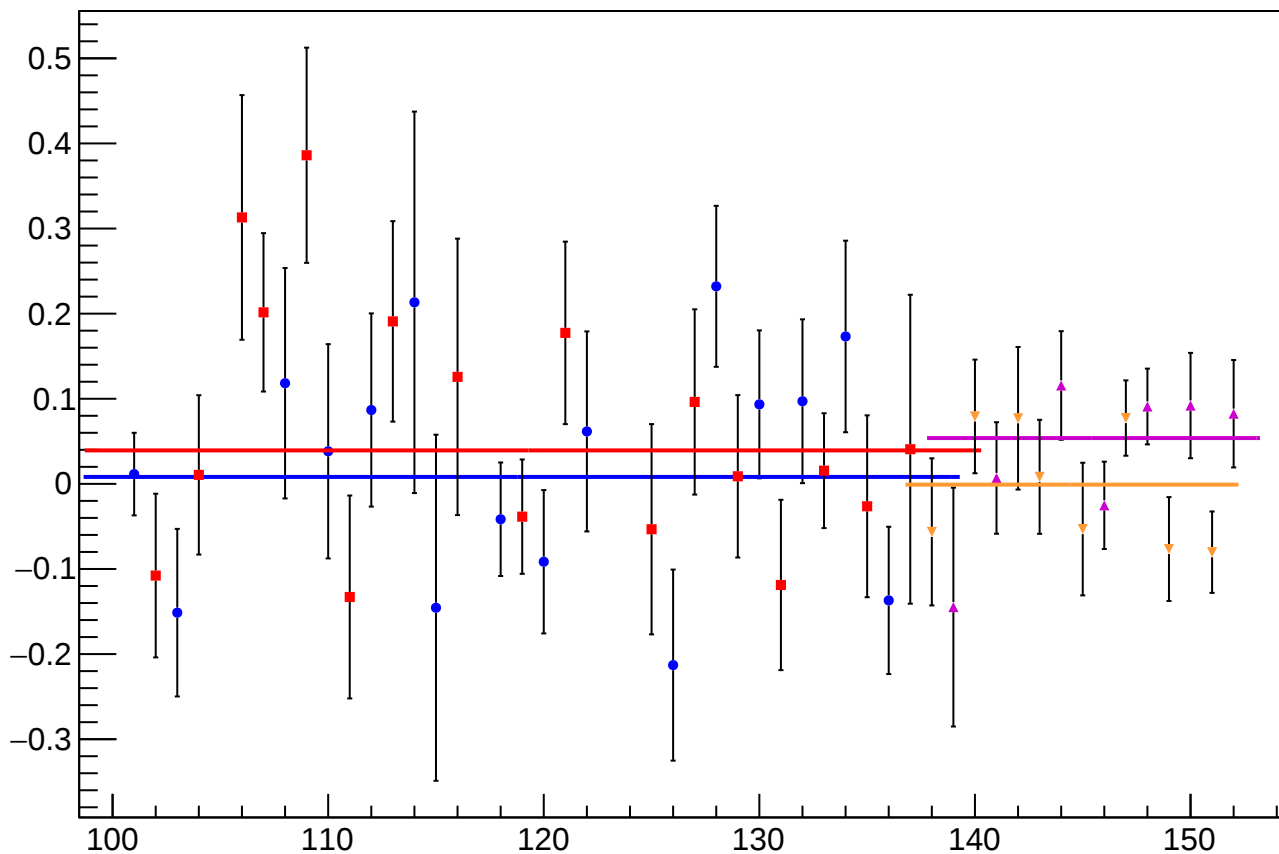
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.006+/-0.033 χ^2/NDF :5.1/6

Out: -0.043+/-0.032 χ^2/NDF :16.5/7

All: -0.019+/-0.023 χ^2/NDF : 22.6/14

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 χ^2/NDF : 23.7/15

Left Out: -0.001 ± 0.022 χ^2/NDF : 10.6/7

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.054 ± 0.023 χ^2/NDF : 7.1/6

Left: 0.025 ± 0.016 χ^2/NDF : 20.7/14

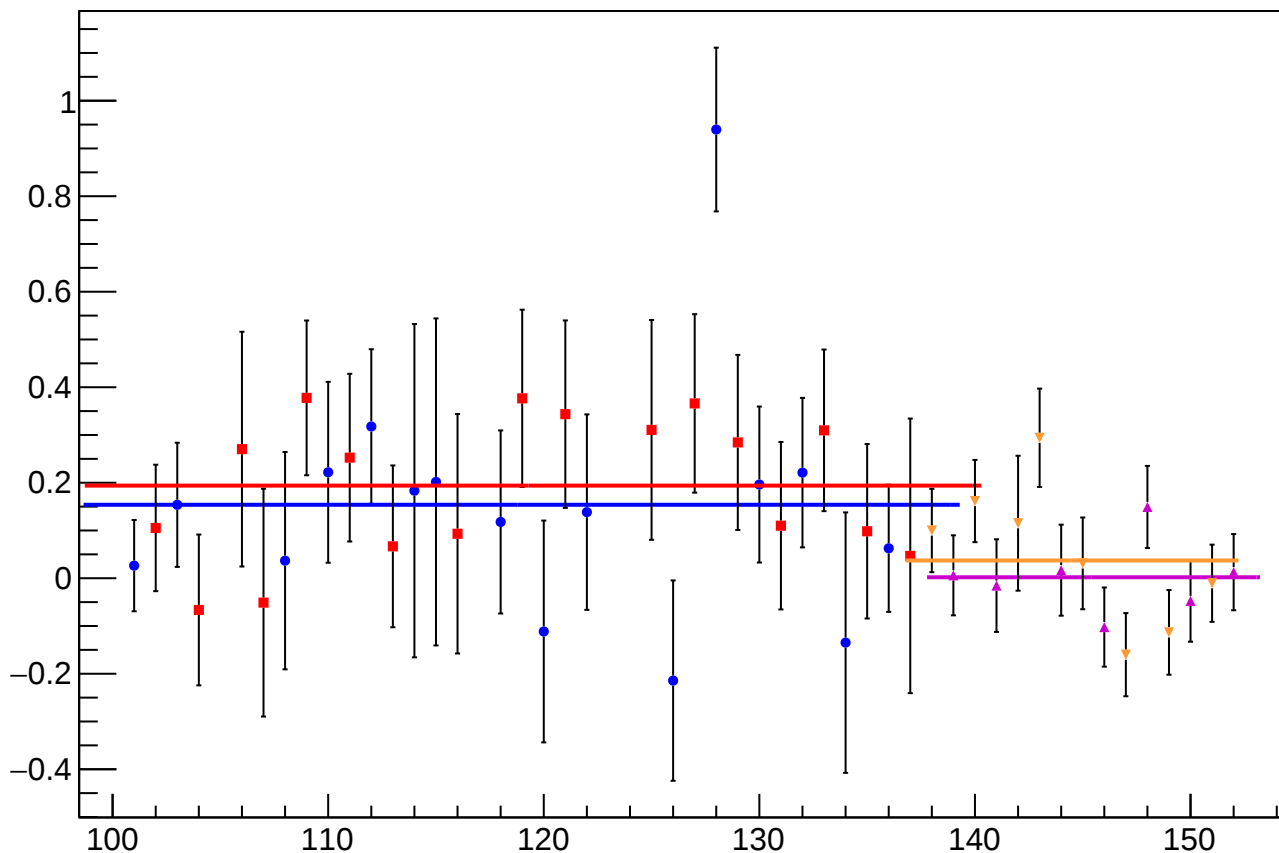
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.031 ± 0.016 χ^2/NDF : 32.7/22

Out: 0.017 ± 0.016 χ^2/NDF : 39.7/24

All: 0.024 ± 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: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: 0.002 ± 0.033 χ^2/NDF : 4.9/6

Left: 0.020 ± 0.023 χ^2/NDF : 23.0/14

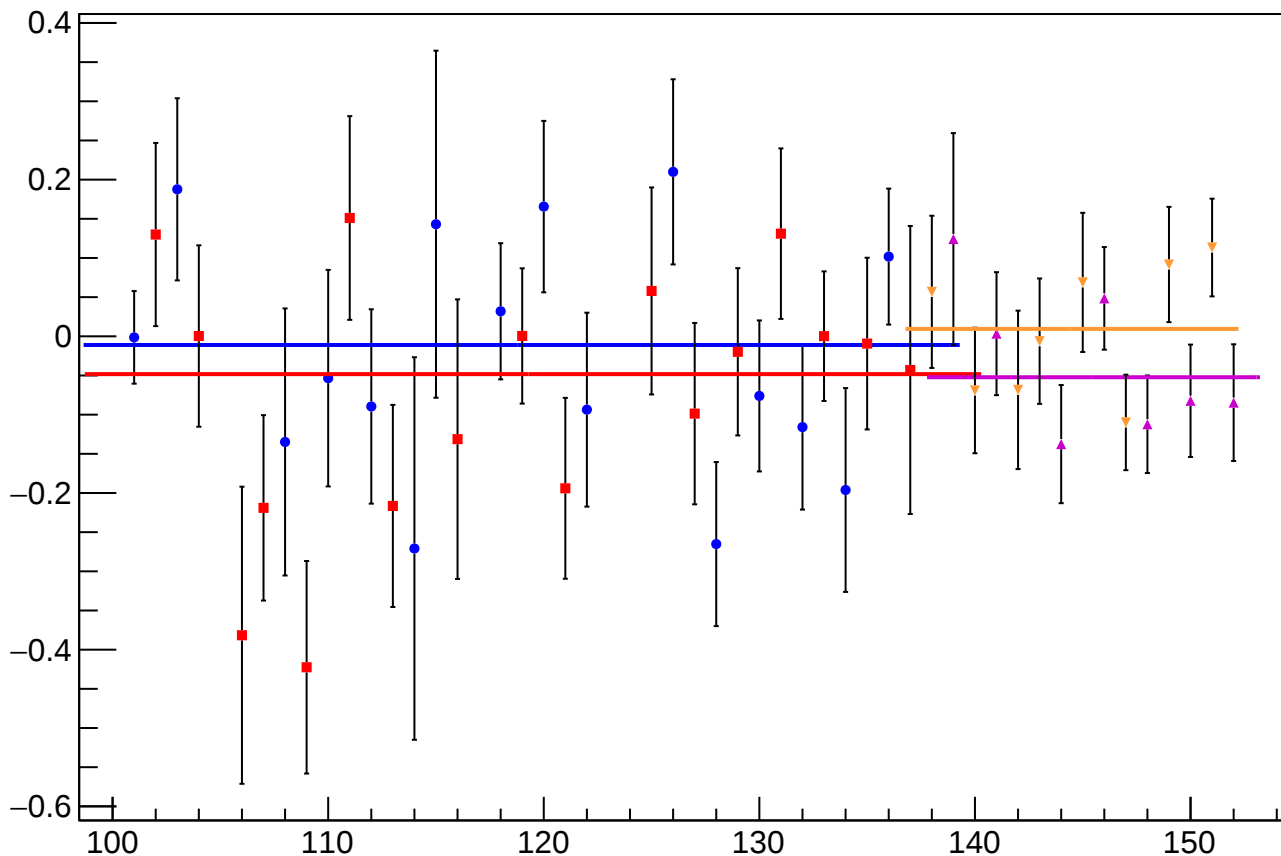
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.058 ± 0.026 χ^2/NDF : 43.4/22

Out: 0.092 ± 0.026 χ^2/NDF : 36.0/24

All: 0.074 ± 0.019 χ^2/NDF : 80.2/47

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 : 25.6/16

Left In: -0.052 ± 0.028 χ^2/NDF : 7.1/6

Left: -0.020 ± 0.020 χ^2/NDF : 19.8/14

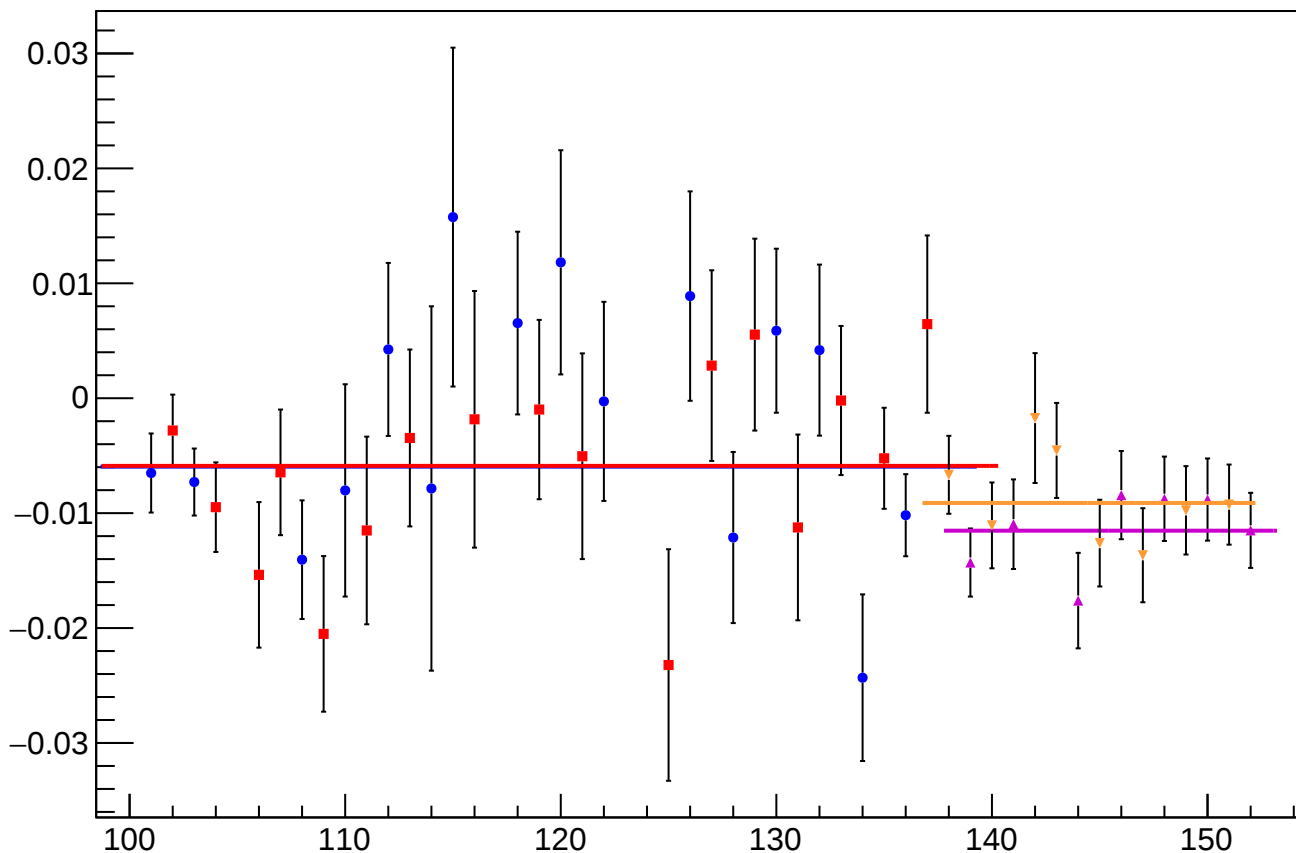
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.031 ± 0.019 χ^2/NDF : 31.7/22

Out: -0.018 ± 0.020 χ^2/NDF : 37.8/24

All: -0.024 ± 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 : 19.6/16

Left In: -0.012 ± 0.001 χ^2/NDF : 4.8/6

Left: -0.010 ± 0.001 χ^2/NDF : 12.3/14

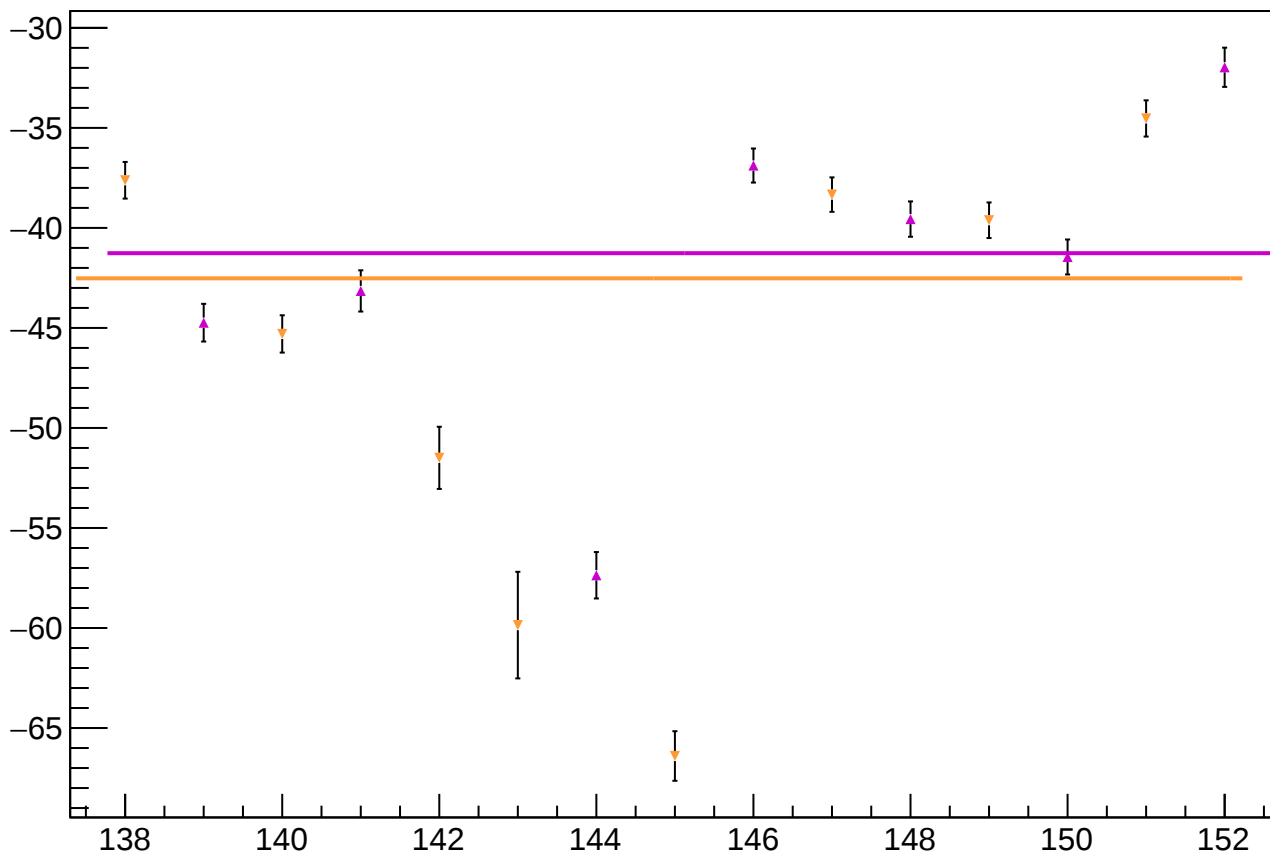
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 41.6/22

Out: -0.008 ± 0.001 χ^2/NDF : 28.0/24

All: -0.008 ± 0.001 χ^2/NDF : 70.5/47

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: -41.263+/-0.358 χ^2/NDF : 329.6/6

Left: -41.873+/-0.257 χ^2/NDF : 932.0/14

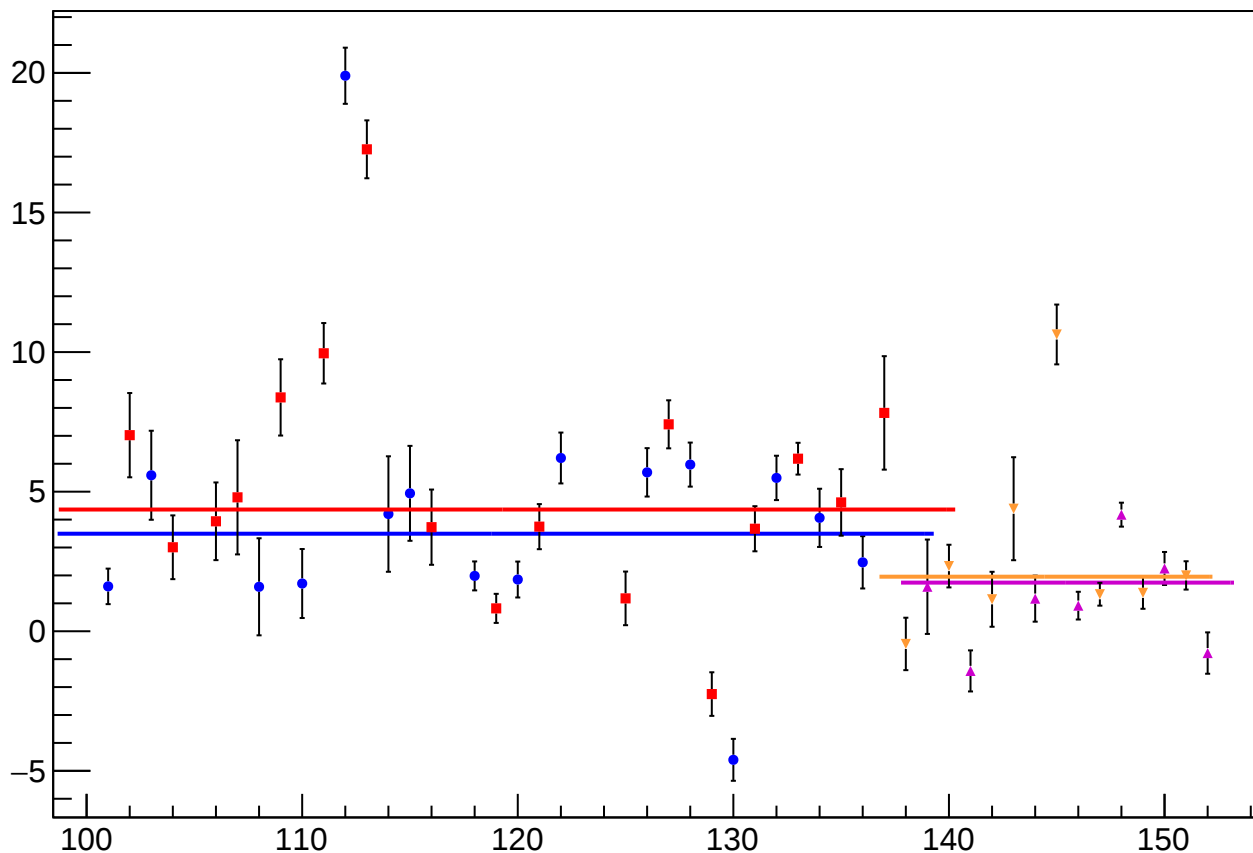
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.263+/-0.358 χ^2/NDF : 329.6/6

Out: -42.521+/-0.368 χ^2/NDF : 596.4/7

All: -41.873+/-0.257 χ^2/NDF : 932.0/14

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.954 $\pm$ 0.236 χ^2 /NDF:78.2/7

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.742 $\pm$ 0.237 χ^2 /NDF:66.3/6

Left: 1.849 $\pm$ 0.167 χ^2 /NDF: 144.9/14

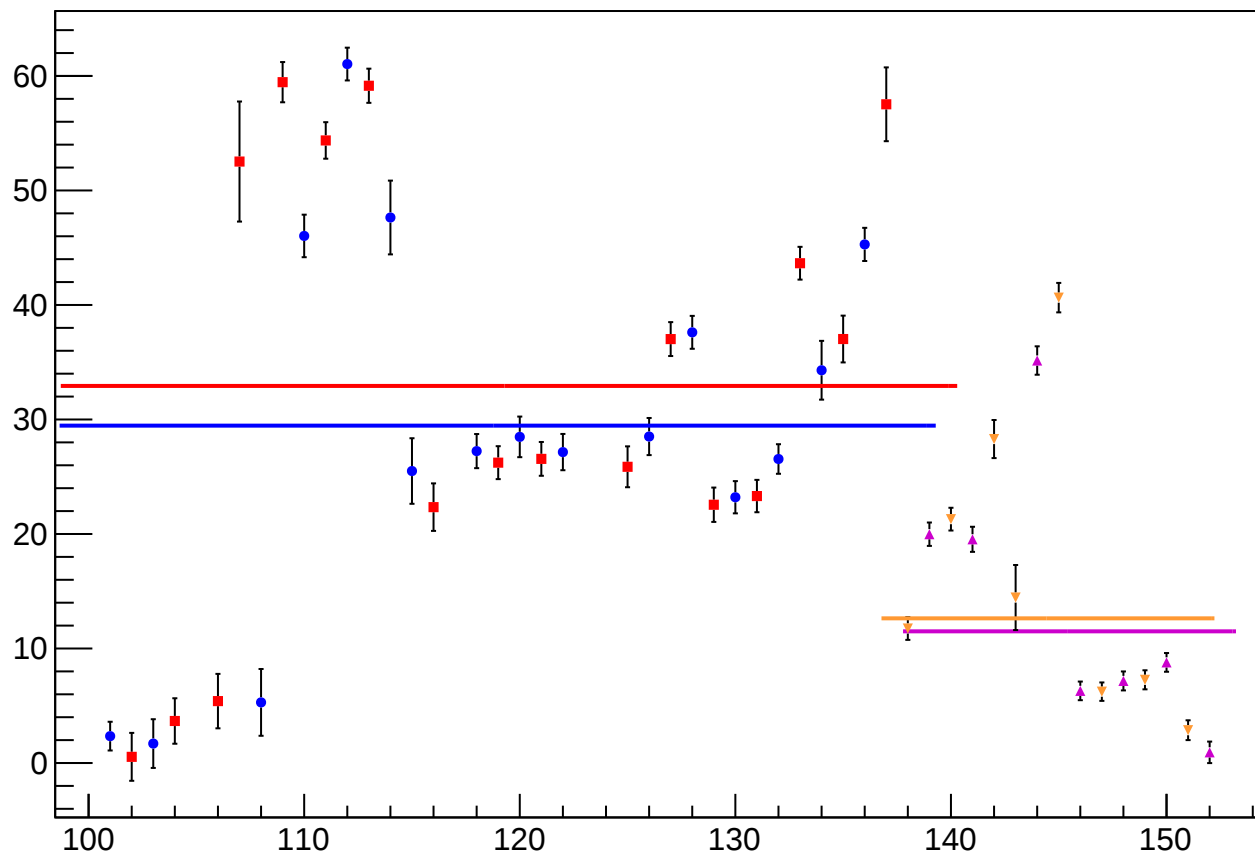
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.692 $\pm$ 0.160 χ^2 /NDF:540.8/22

Out: 3.212 $\pm$ 0.163 χ^2 /NDF:483.6/24

All: 2.947 $\pm$ 0.114 χ^2 /NDF: 1029.6/47

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 12.634 $\pm$ 0.367 χ^2 /NDF:872.3/7

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 11.499 $\pm$ 0.353 χ^2 /NDF:691.8/6

Left: 12.044 $\pm$ 0.254 χ^2 /NDF: 1569.2/14

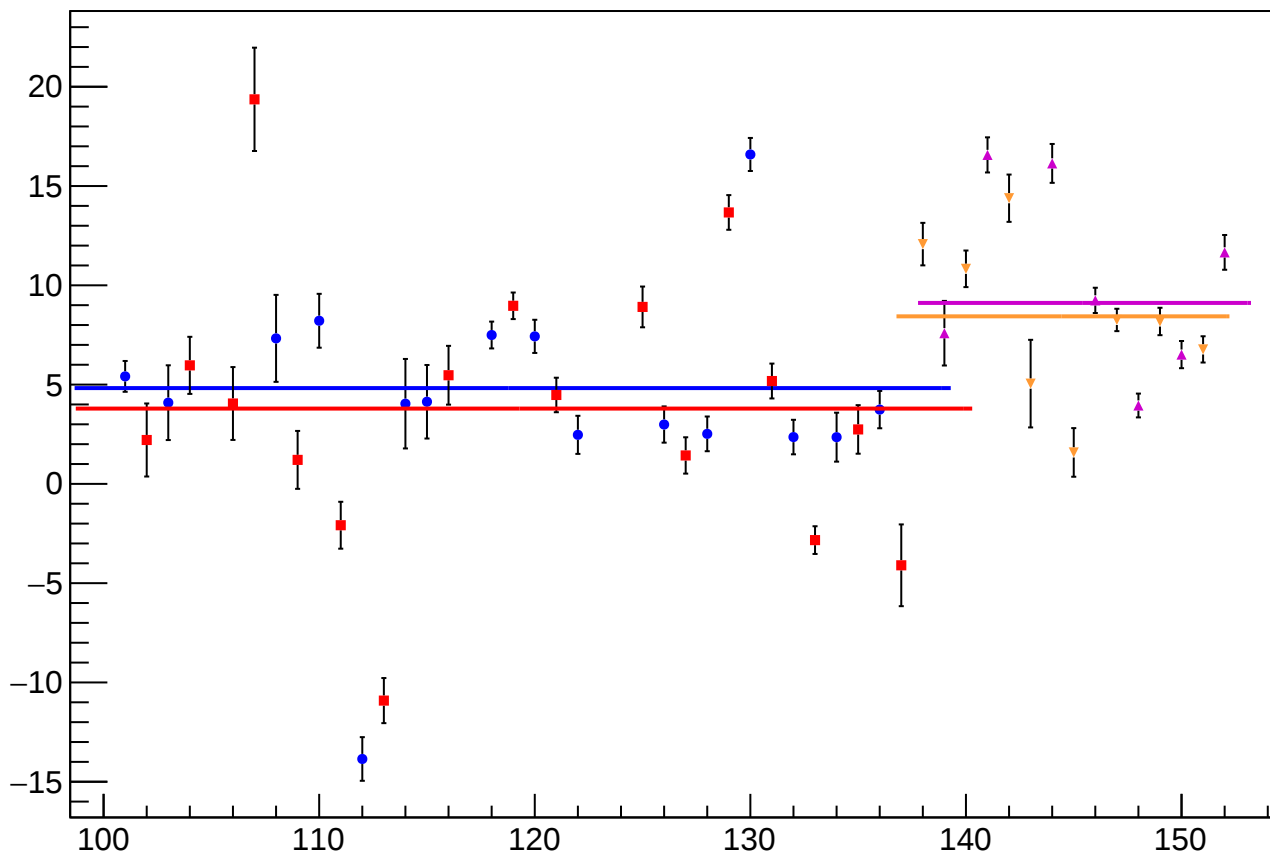
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 18.981 $\pm$ 0.269 χ^2 /NDF:3263.6/22

Out: 21.327 $\pm$ 0.277 χ^2 /NDF:3809.8/24

All: 20.121 $\pm$ 0.193 χ^2 /NDF: 7110.3/47

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: 3.792 ± 0.259 χ^2/NDF : 563.6/16

Left In: 9.113 ± 0.296 χ^2/NDF : 220.5/6

Left: 8.778 ± 0.211 χ^2/NDF : 306.6/14

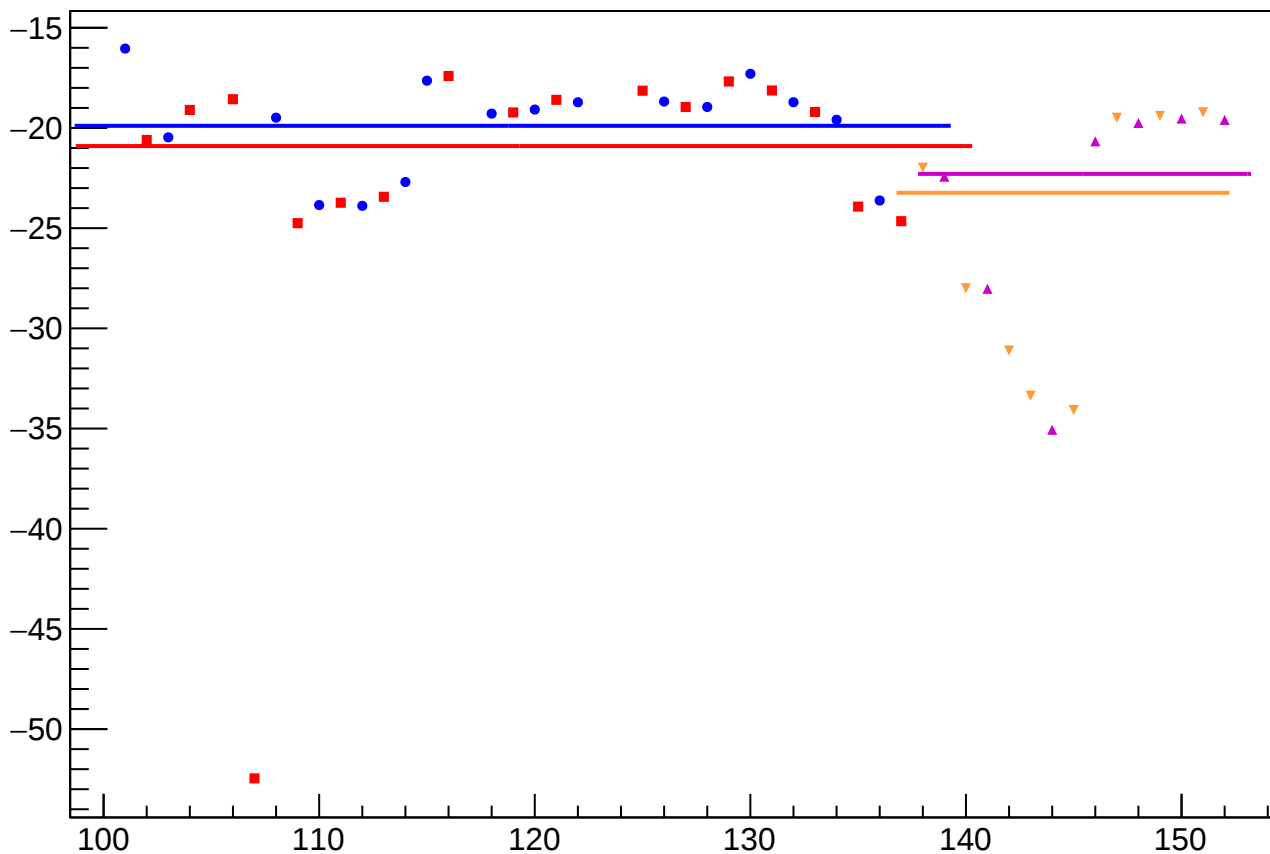
Right: 4.323 ± 0.180 χ^2/NDF : 1124.7/32

In: 6.621 ± 0.192 χ^2/NDF : 895.2/22

Out: 5.782 ± 0.196 χ^2/NDF : 785.0/24

All: 6.210 ± 0.137 χ^2/NDF : 1689.5/47

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -23.235 $\pm$ 0.016 χ^2 /NDF: 112804.2/7

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -22.292 $\pm$ 0.015 χ^2 /NDF: 90151.4/6

Left: -22.731 $\pm$ 0.011 χ^2 /NDF: 204881.0/14

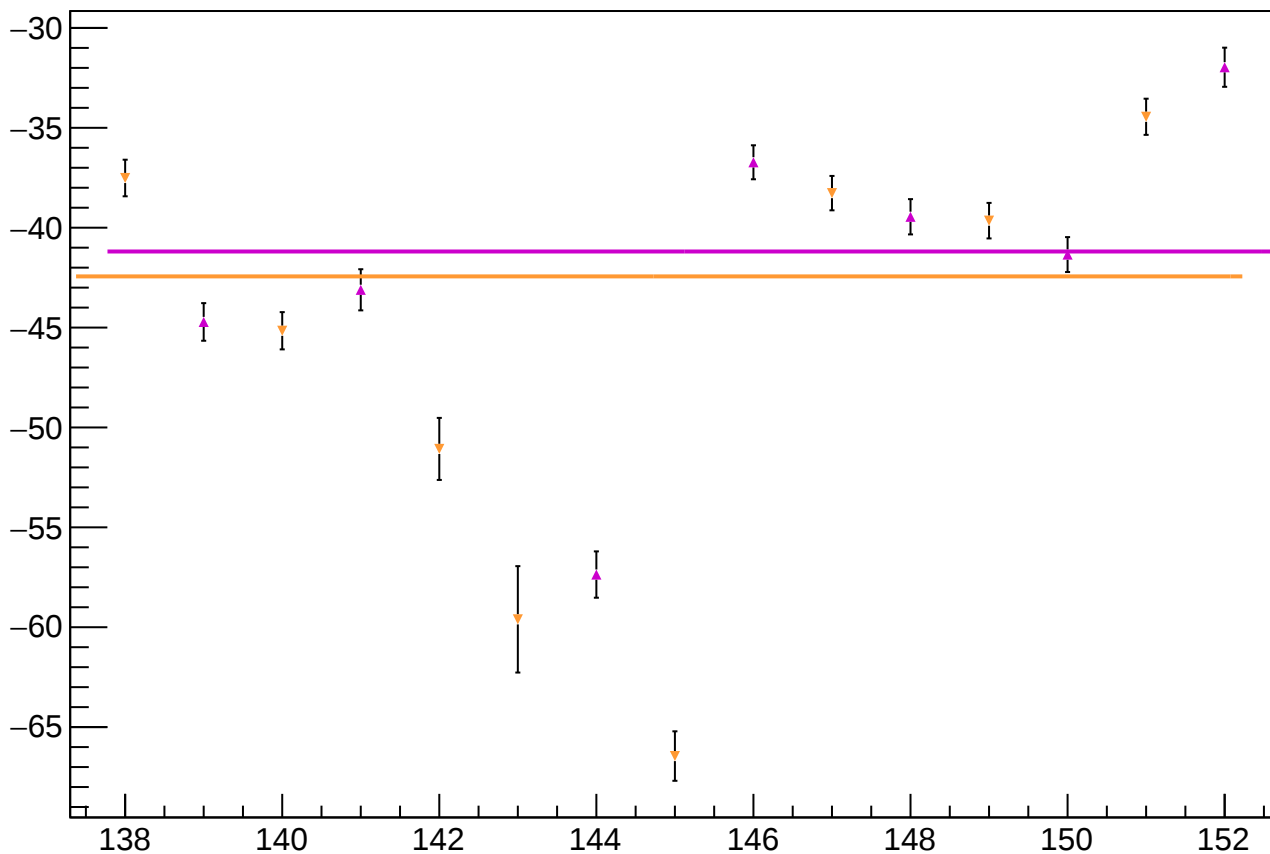
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.166 $\pm$ 0.011 χ^2 /NDF: 128820.8/22

Out: -22.071 $\pm$ 0.011 χ^2 /NDF: 216597.3/24

All: -21.600 $\pm$ 0.008 χ^2 /NDF: 348869.6/47

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: -41.191+/-0.357 χ^2/NDF :332.0/6

Left: -41.796+/-0.256 χ^2/NDF : 934.8/14

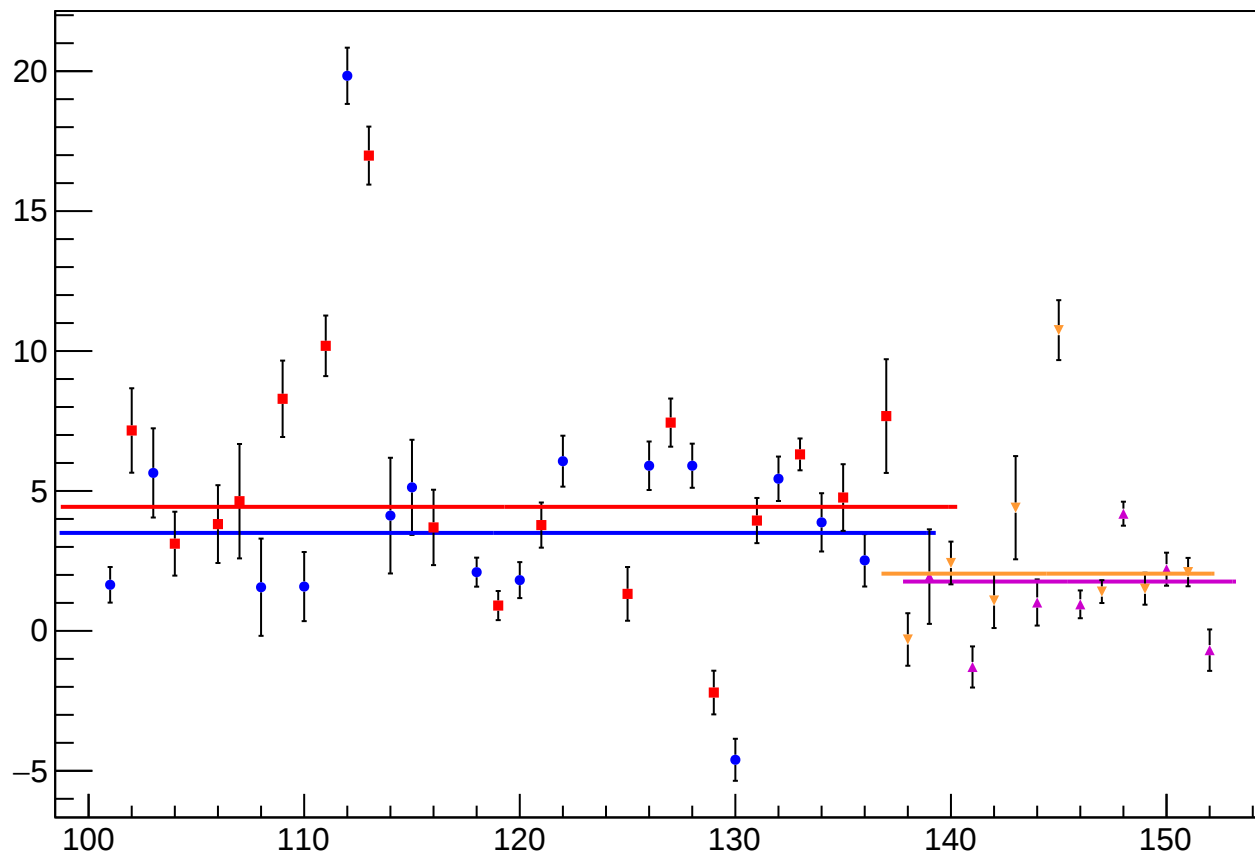
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.191+/-0.357 χ^2/NDF :332.0/6

Out: -42.438+/-0.368 χ^2/NDF :596.9/7

All: -41.796+/-0.256 χ^2/NDF : 934.8/14

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 2.045 ± 0.236 $\chi^2/\text{NDF}: 78.5/7$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.763 ± 0.237 $\chi^2/\text{NDF}: 64.3/6$

Left: 1.904 ± 0.167 $\chi^2/\text{NDF}: 143.5/14$

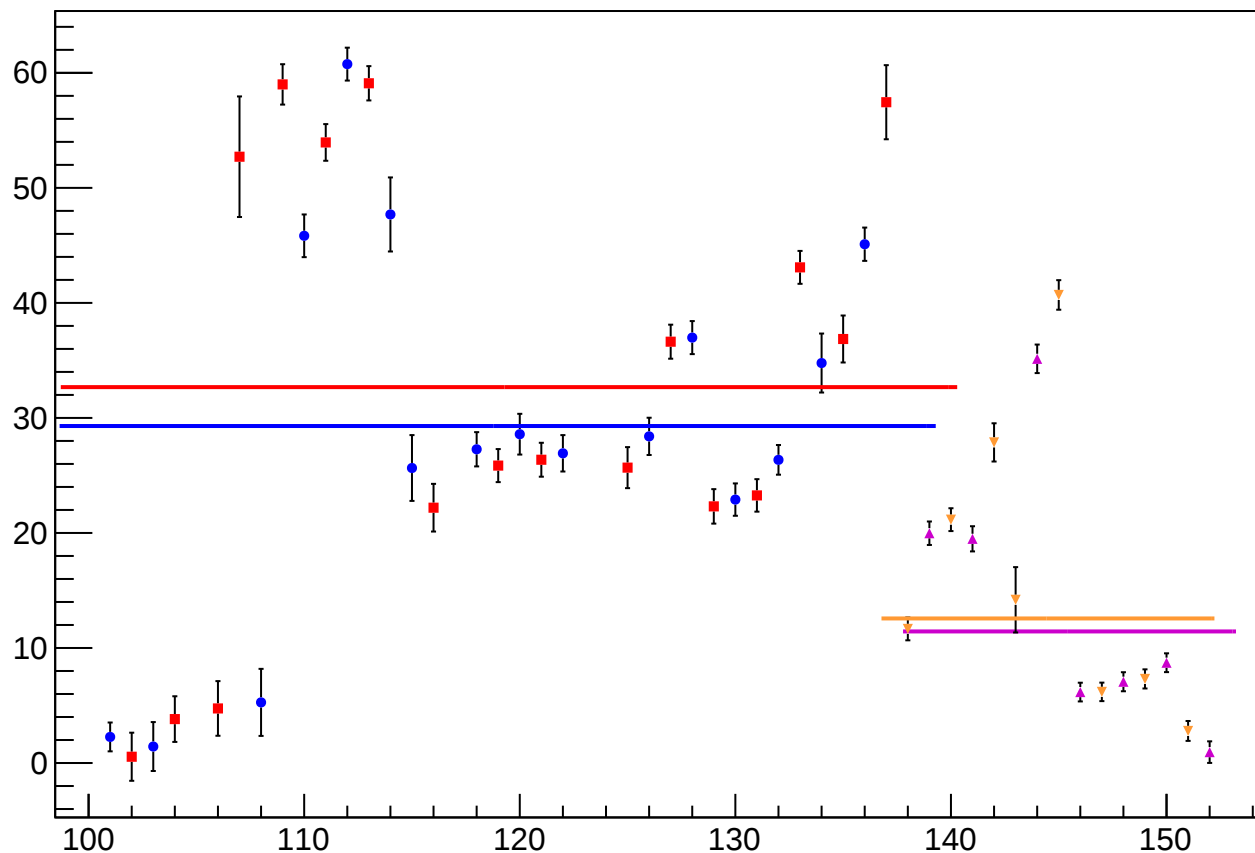
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.705 ± 0.160 $\chi^2/\text{NDF}: 535.4/22$

Out: 3.293 ± 0.163 $\chi^2/\text{NDF}: 475.7/24$

All: 2.994 ± 0.114 $\chi^2/\text{NDF}: 1017.8/47$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 12.567 ± 0.366 $\chi^2/\text{NDF}: 870.4/7$

Right Out: 32.679 ± 0.423 $\chi^2/\text{NDF}: 1614.8/16$

Left In: 11.438 ± 0.353 $\chi^2/\text{NDF}: 695.3/6$

Left: 11.981 ± 0.254 $\chi^2/\text{NDF}: 1570.6/14$

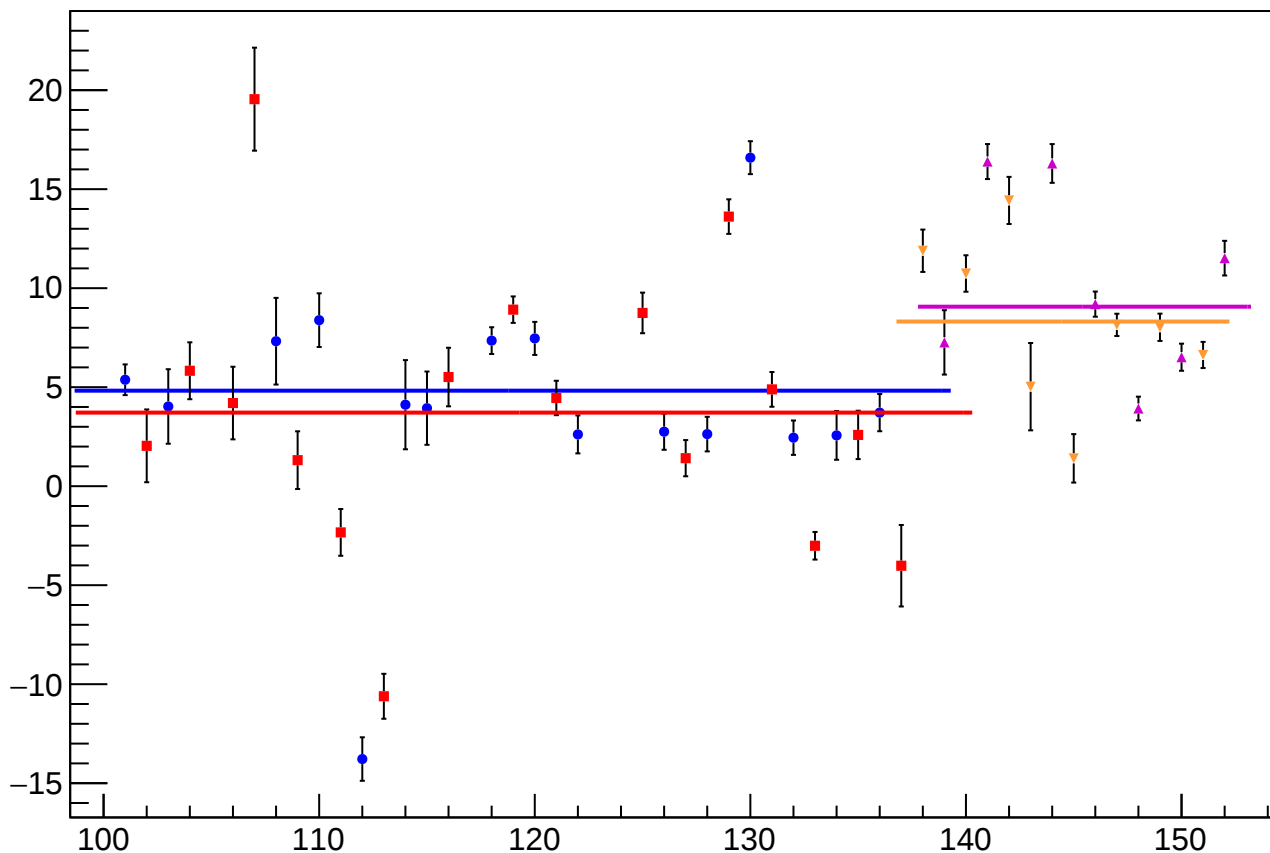
Right: 30.964 ± 0.297 $\chi^2/\text{NDF}: 3132.4/32$

In: 18.876 ± 0.269 $\chi^2/\text{NDF}: 3249.5/22$

Out: 21.183 ± 0.277 $\chi^2/\text{NDF}: 3776.1/24$

All: 19.997 ± 0.193 $\chi^2/\text{NDF}: 7061.3/47$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 8.315 $\pm$ 0.299 χ^2 /NDF:85.4/7

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 9.065 $\pm$ 0.296 χ^2 /NDF:220.1/6

Left: 8.694 $\pm$ 0.210 χ^2 /NDF: 308.7/14

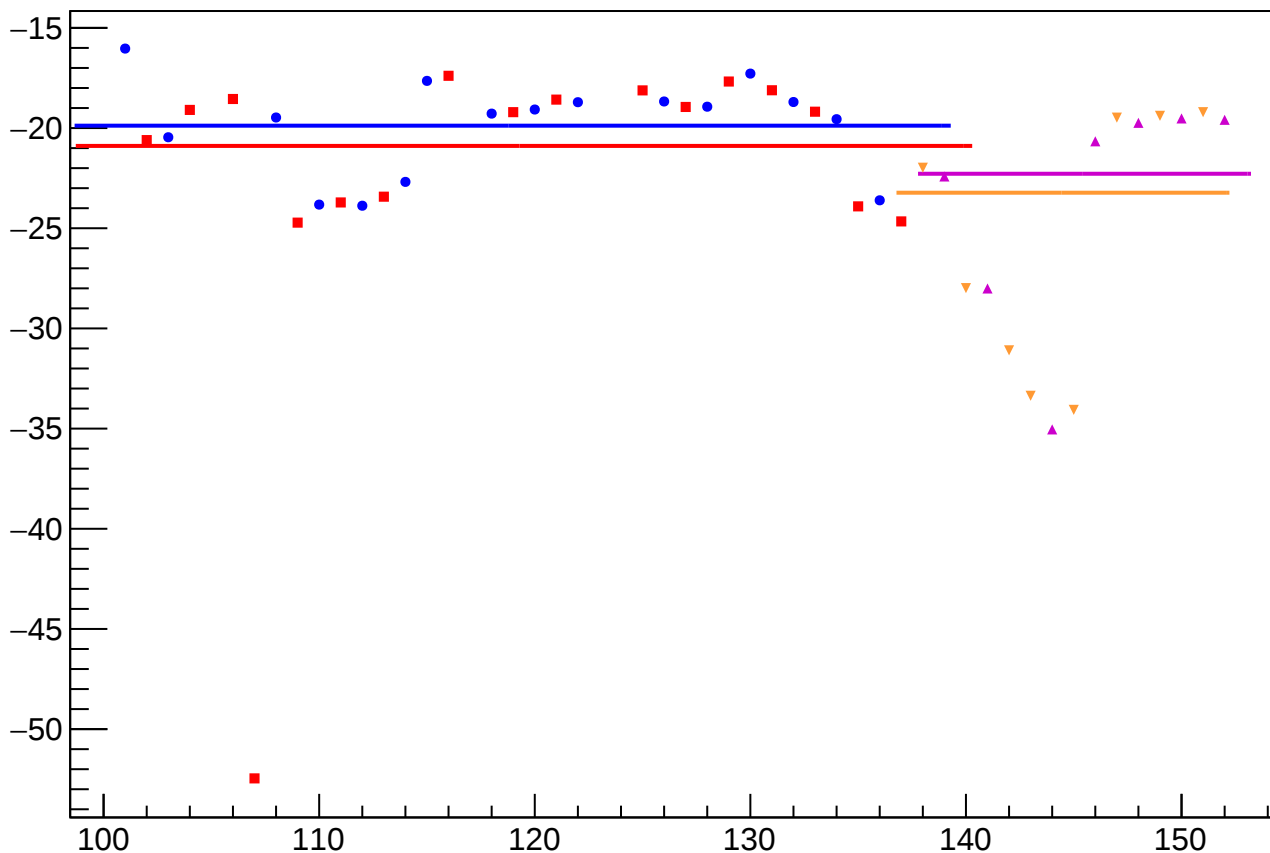
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 6.601 $\pm$ 0.192 χ^2 /NDF:888.4/22

Out: 5.686 $\pm$ 0.196 χ^2 /NDF:780.6/24

All: 6.153 $\pm$ 0.137 χ^2 /NDF: 1680.2/47

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: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -22.280 ± 0.015 $\chi^2/\text{NDF}: 90105.3/6$

Left: -22.721 ± 0.011 $\chi^2/\text{NDF}: 204932.9/14$

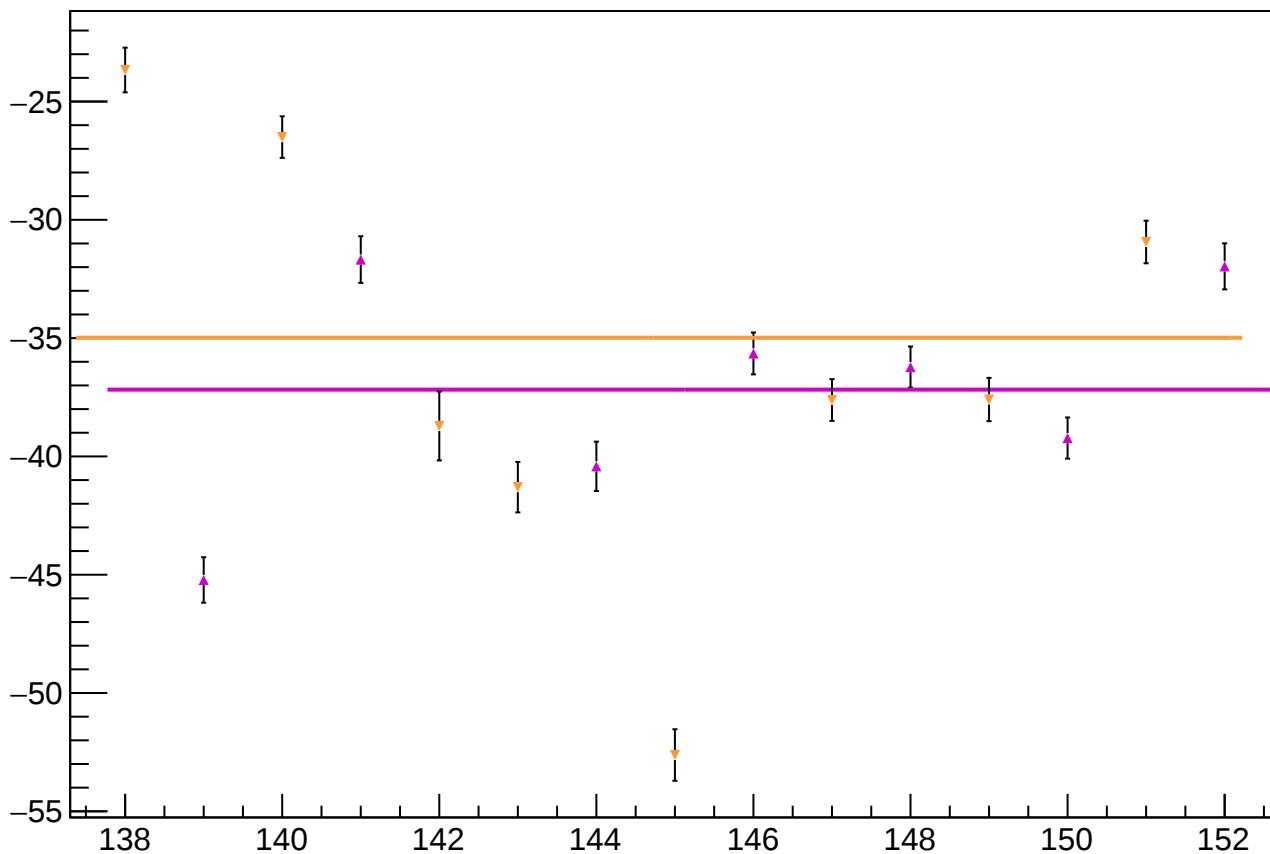
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -21.154 ± 0.011 $\chi^2/\text{NDF}: 128783.2/22$

Out: -22.061 ± 0.011 $\chi^2/\text{NDF}: 216847.3/24$

All: -21.589 ± 0.008 $\chi^2/\text{NDF}: 349094.1/47$

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: -37.177+/-0.353 χ^2/NDF :149.1/6

Left: -36.059+/-0.247 χ^2/NDF : 746.6/14

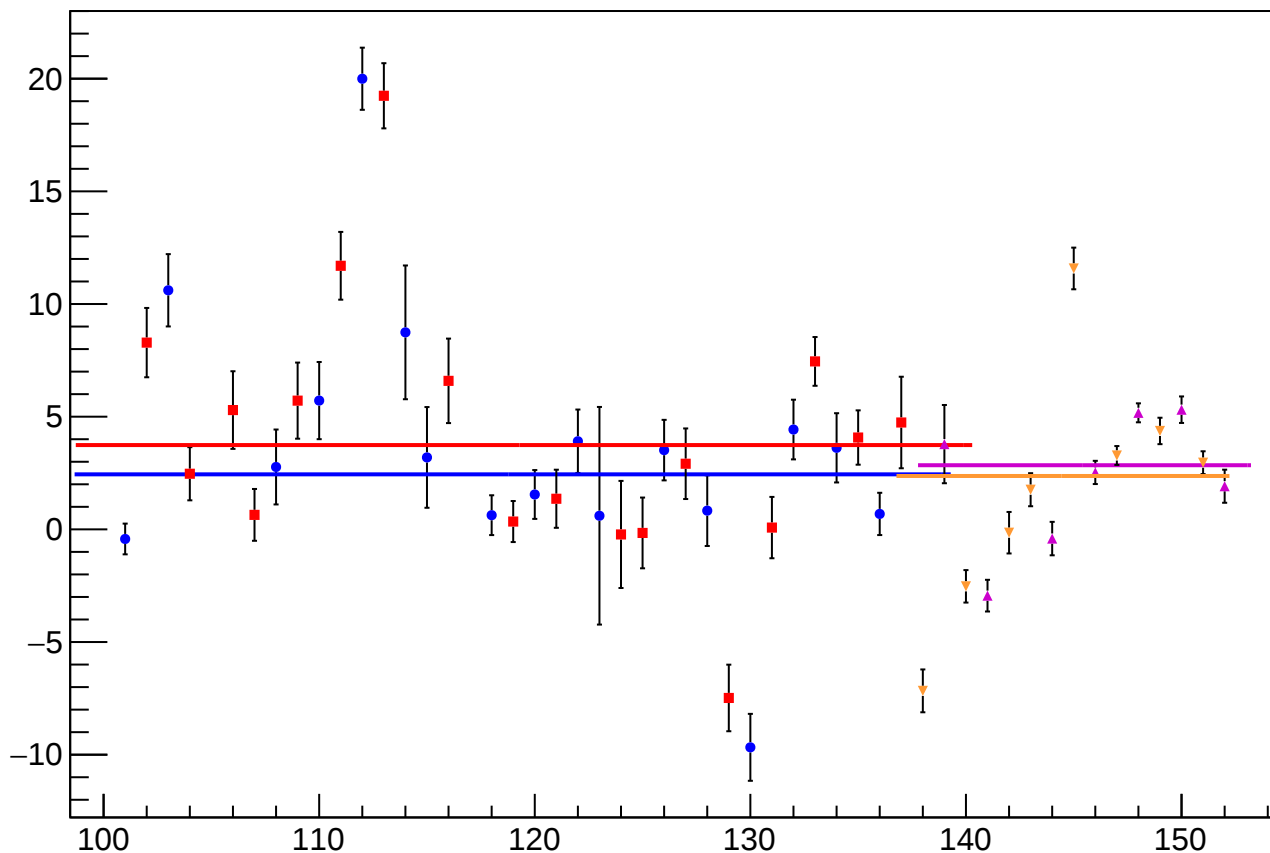
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.177+/-0.353 χ^2/NDF :149.1/6

Out: -34.984+/-0.347 χ^2/NDF :577.9/7

All: -36.059+/-0.247 χ^2/NDF : 746.6/14

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.369 ± 0.225 χ^2/NDF : 272.0/7

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 2.846 ± 0.234 χ^2/NDF : 137.3/6

Left: 2.598 ± 0.162 χ^2/NDF : 411.5/14

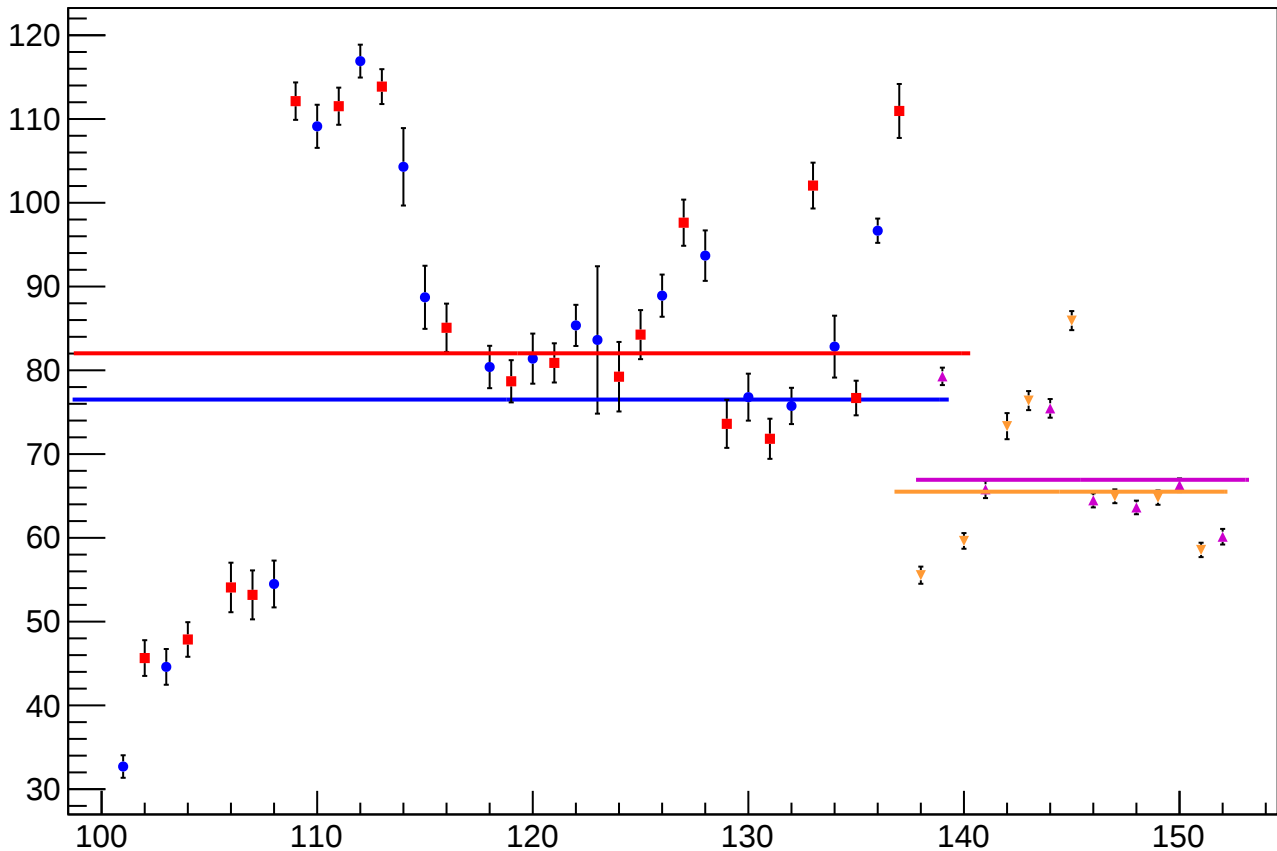
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 2.700 ± 0.187 χ^2/NDF : 433.1/23

Out: 2.810 ± 0.185 χ^2/NDF : 552.1/25

All: 2.756 ± 0.132 χ^2/NDF : 985.3/49

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 65.511+/-0.348 χ^2/NDF : 639.9/7

Right Out: 82.029+/-0.593 χ^2/NDF : 1548.0/17

Left In: 66.930+/-0.349 χ^2/NDF : 278.9/6

Left: 66.219+/-0.247 χ^2/NDF : 927.1/14

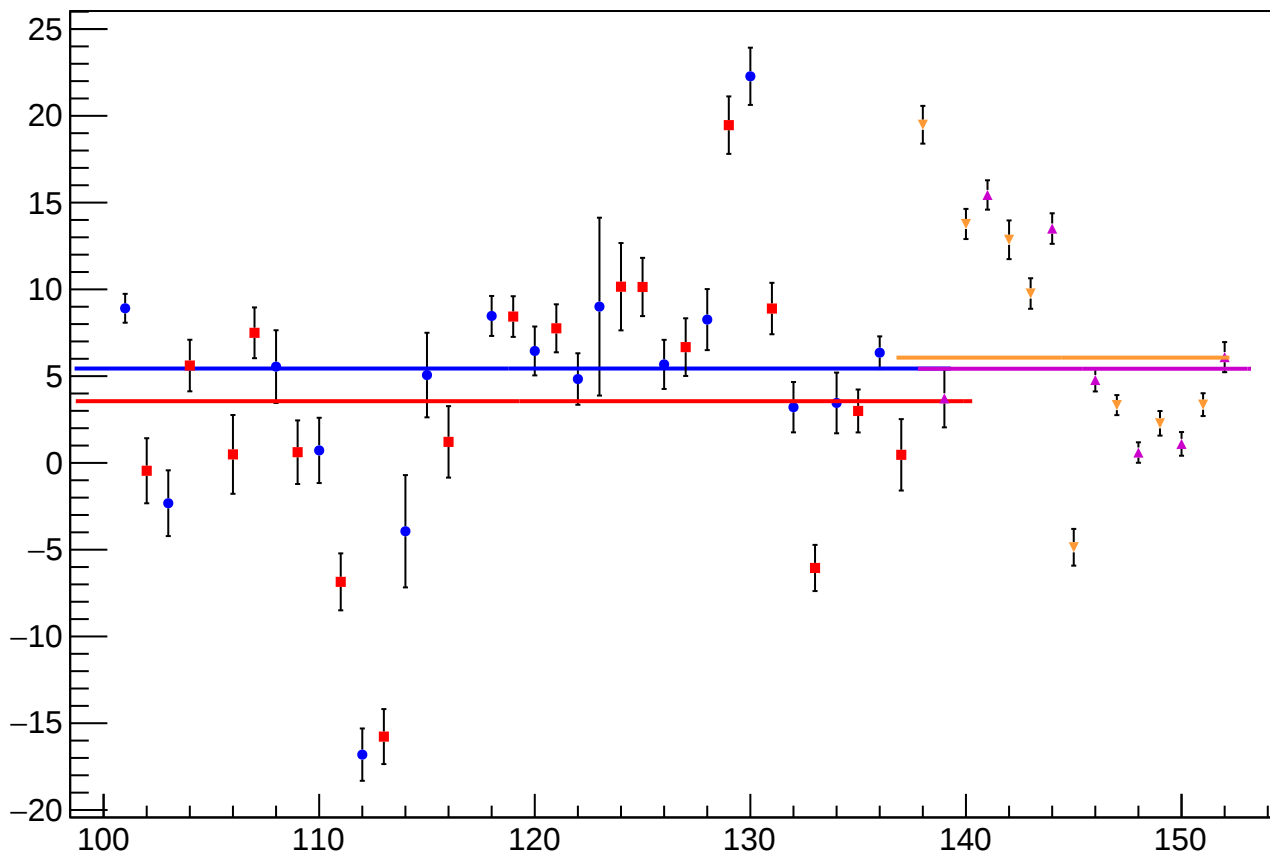
Right: 79.182+/-0.412 χ^2/NDF : 3843.6/34

In: 69.516+/-0.298 χ^2/NDF : 2733.0/23

Out: 69.750+/-0.300 χ^2/NDF : 2765.4/25

All: 69.632+/-0.212 χ^2/NDF : 5498.7/49

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: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 5.426 ± 0.292 $\chi^2/\text{NDF}: 334.5/6$

Left: 5.757 ± 0.203 $\chi^2/\text{NDF}: 796.9/14$

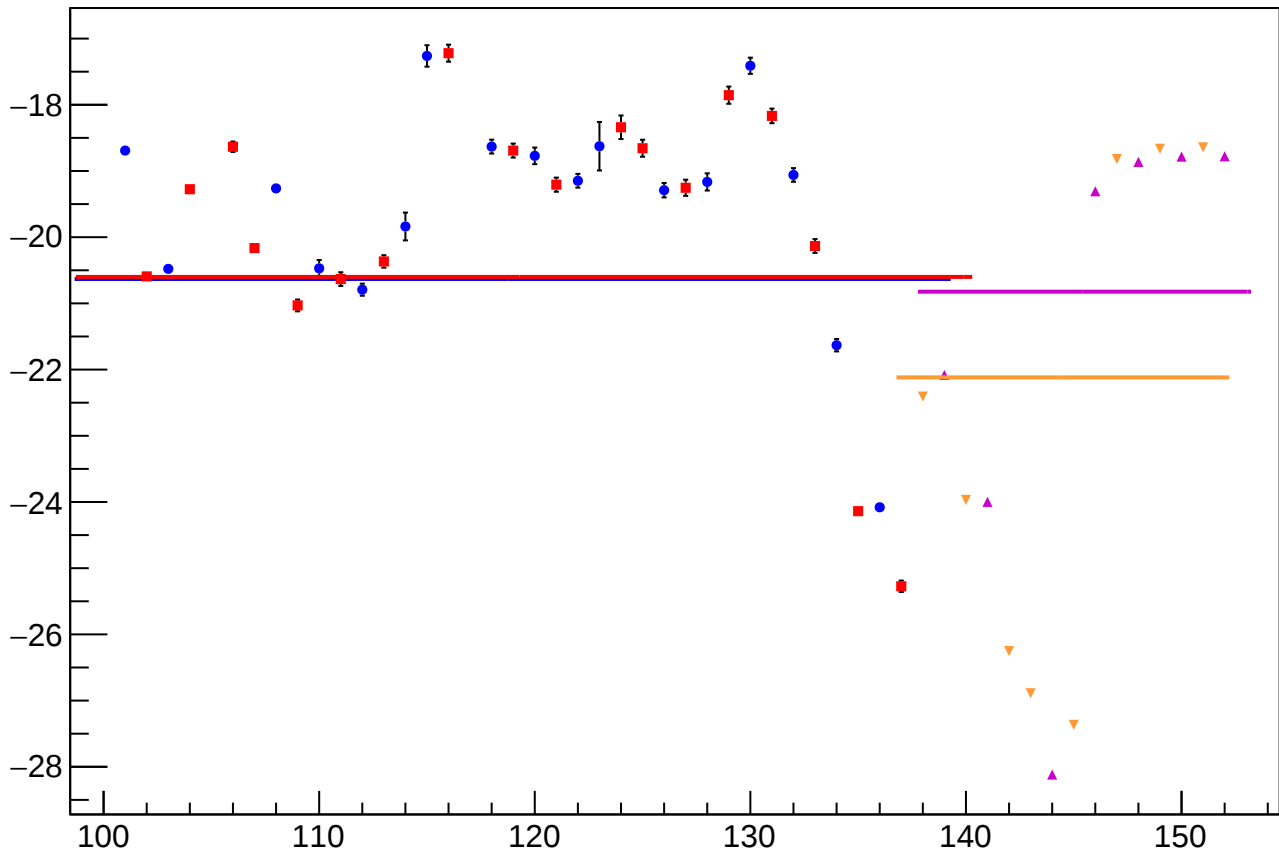
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 5.431 ± 0.226 $\chi^2/\text{NDF}: 720.6/23$

Out: 5.156 ± 0.226 $\chi^2/\text{NDF}: 909.1/25$

All: 5.293 ± 0.160 $\chi^2/\text{NDF}: 1630.5/49$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 χ^2/NDF : 12501.6/16

Left Out: -22.118 ± 0.015 χ^2/NDF : 55584.0/7

Right Out: -20.600 ± 0.019 χ^2/NDF : 11973.7/17

Left In: -20.823 ± 0.015 χ^2/NDF : 40279.4/6

Left: -21.457 ± 0.010 χ^2/NDF : 99757.4/14

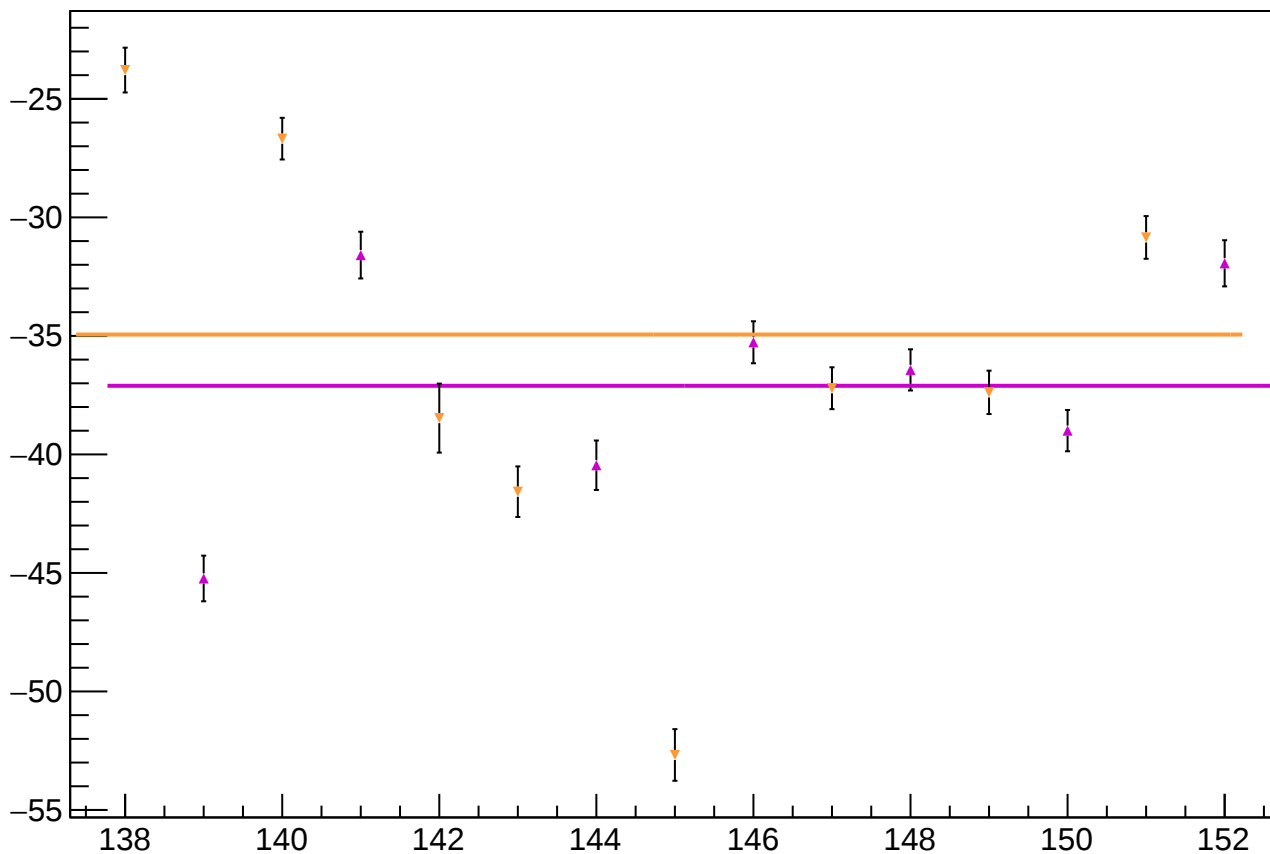
Right: -20.616 ± 0.014 χ^2/NDF : 24476.6/34

In: -20.754 ± 0.012 χ^2/NDF : 52844.2/23

Out: -21.561 ± 0.012 χ^2/NDF : 71408.7/25

All: -21.151 ± 0.008 χ^2/NDF : 126631.1/49

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: -37.105+/-0.354 χ^2/NDF :150.7/6

Left: -36.003+/-0.248 χ^2/NDF : 741.3/14

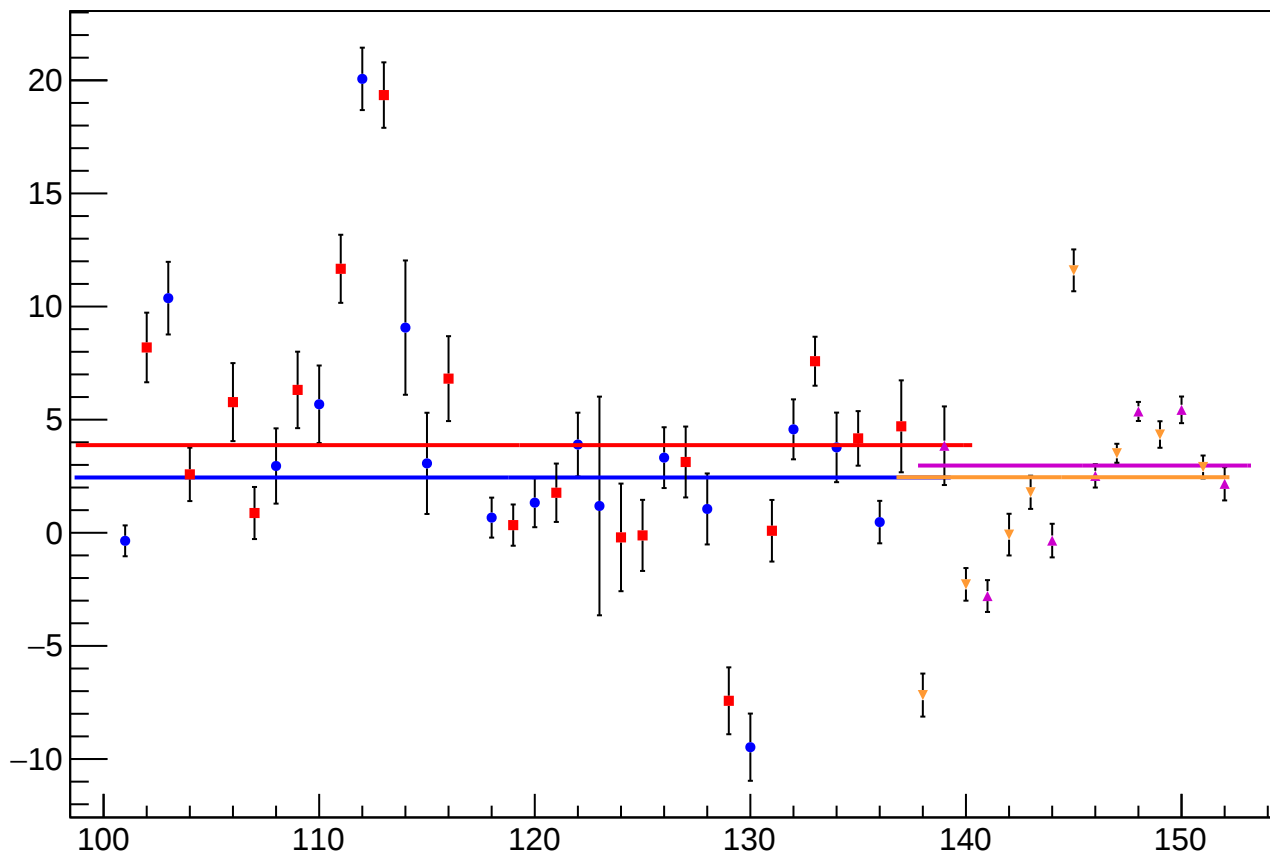
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.105+/-0.354 χ^2/NDF :150.7/6

Out: -34.943+/-0.347 χ^2/NDF :571.5/7

All: -36.003+/-0.248 χ^2/NDF : 741.3/14

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.456 $\pm$ 0.225 χ^2 /NDF:269.4/7

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: 2.972 $\pm$ 0.234 χ^2 /NDF:139.1/6

Left: 2.704 $\pm$ 0.162 χ^2 /NDF: 411.0/14

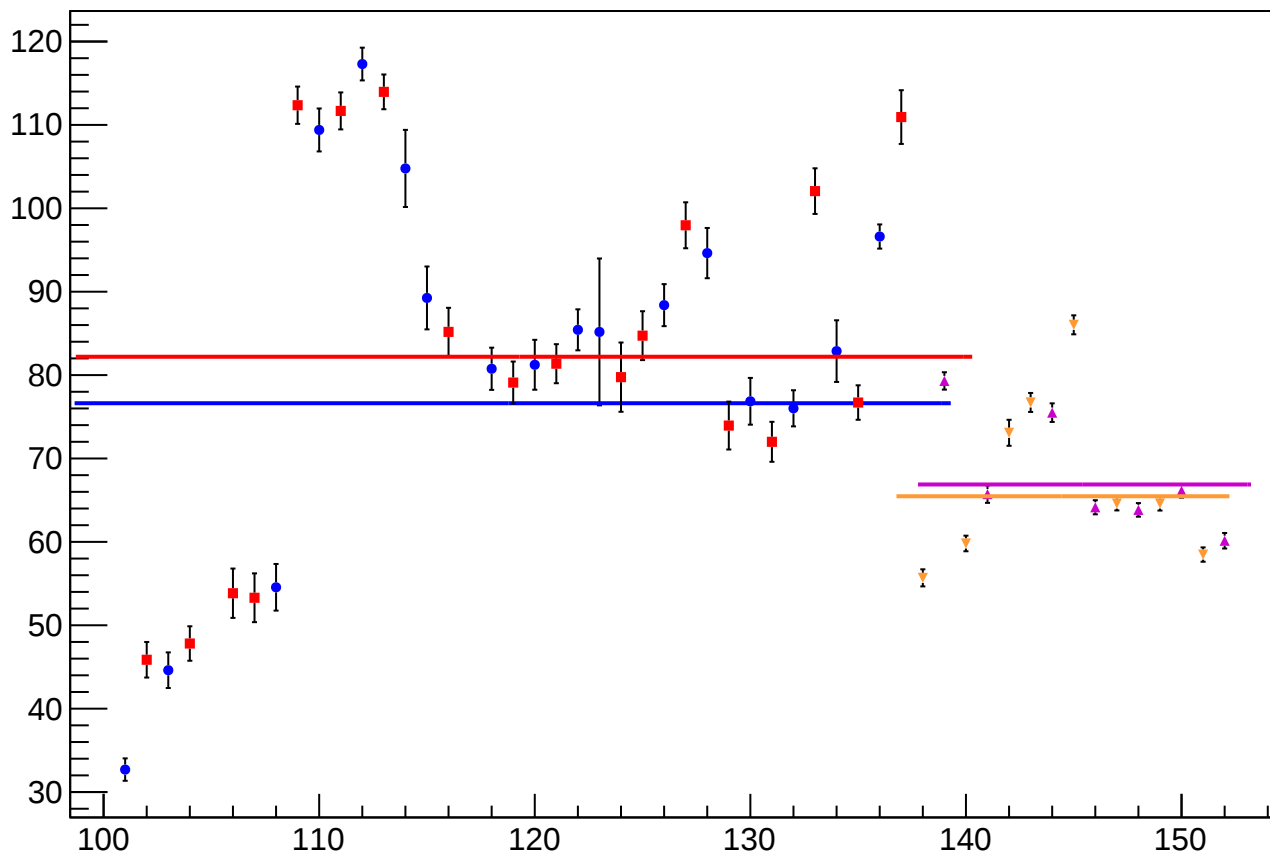
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 2.782 $\pm$ 0.187 χ^2 /NDF:433.6/23

Out: 2.912 $\pm$ 0.185 χ^2 /NDF:550.5/25

All: 2.848 $\pm$ 0.132 χ^2 /NDF: 984.3/49

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: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 66.882 $\pm$ 0.349 χ^2 /NDF: 280.5/6

Left: 66.175 $\pm$ 0.247 χ^2 /NDF: 932.5/14

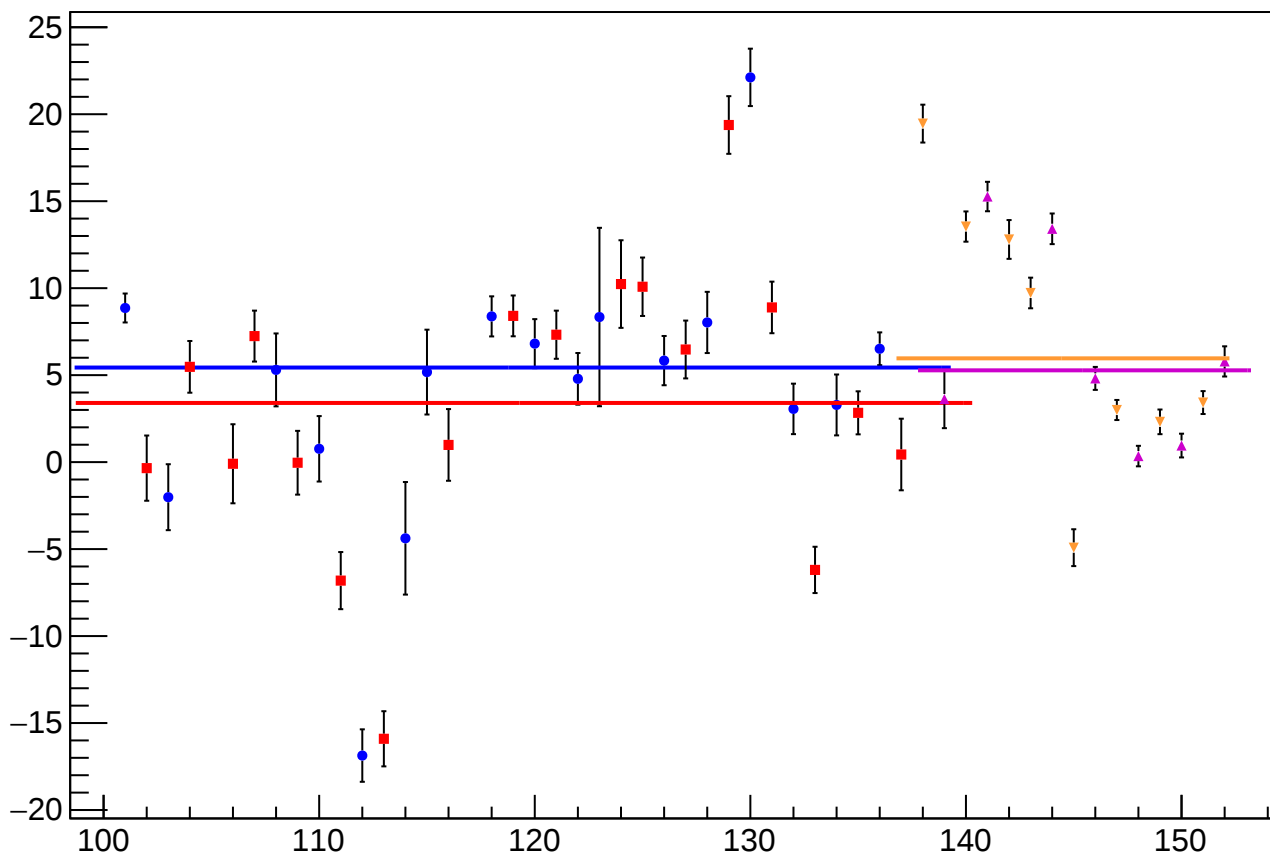
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 69.513 $\pm$ 0.298 χ^2 /NDF: 2753.3/23

Out: 69.764 $\pm$ 0.300 χ^2 /NDF: 2785.9/25

All: 69.638 $\pm$ 0.212 χ^2 /NDF: 5539.5/49

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 5.965 ± 0.283 $\chi^2/\text{NDF}: 458.8/7$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 5.276 ± 0.293 $\chi^2/\text{NDF}: 336.5/6$

Left: 5.632 ± 0.204 $\chi^2/\text{NDF}: 798.3/14$

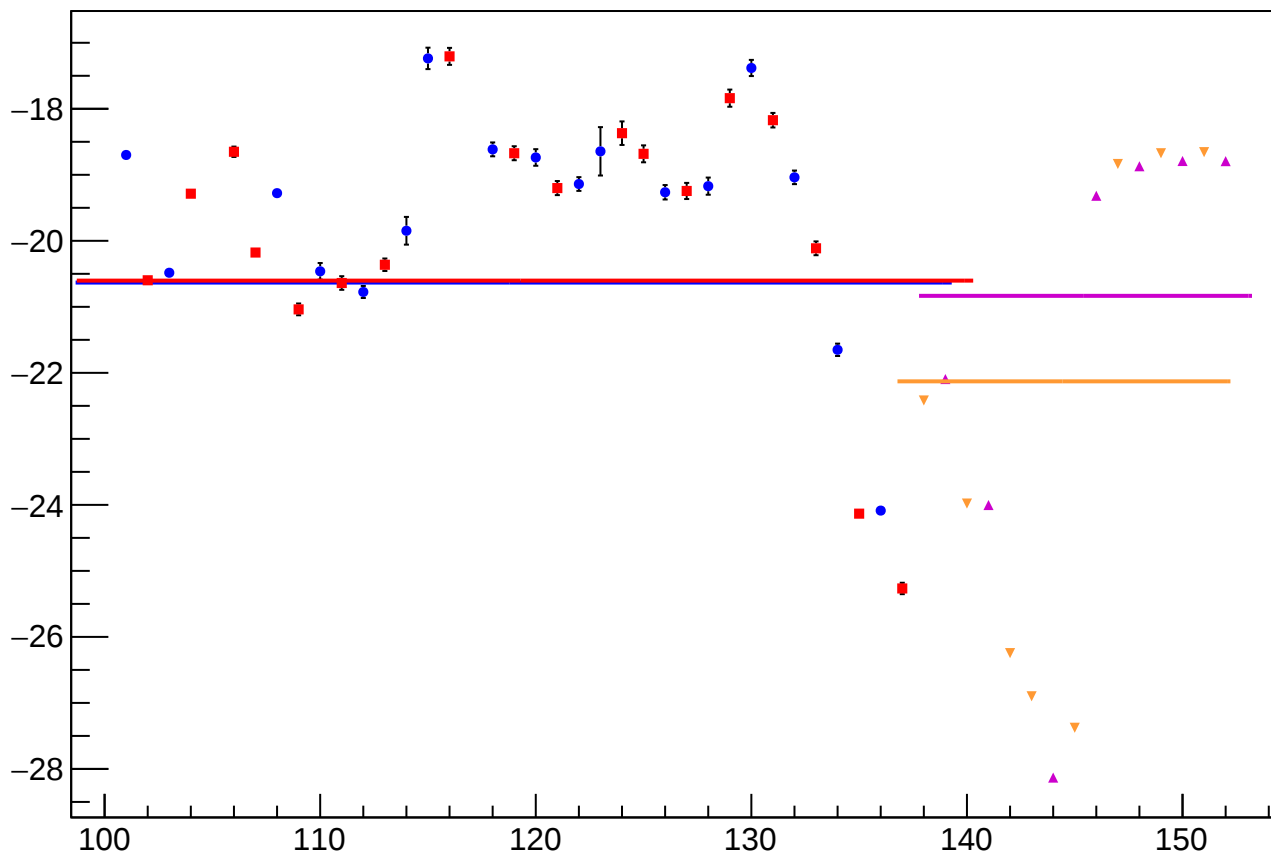
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 5.341 ± 0.227 $\chi^2/\text{NDF}: 721.2/23$

Out: 5.035 ± 0.226 $\chi^2/\text{NDF}: 909.4/25$

All: 5.187 ± 0.160 $\chi^2/\text{NDF}: 1631.5/49$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -22.129 $\pm$ 0.015 χ^2 /NDF: 55447.3/7

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -20.833 $\pm$ 0.015 χ^2 /NDF: 40234.1/6

Left: -21.468 $\pm$ 0.010 χ^2 /NDF: 99574.0/14

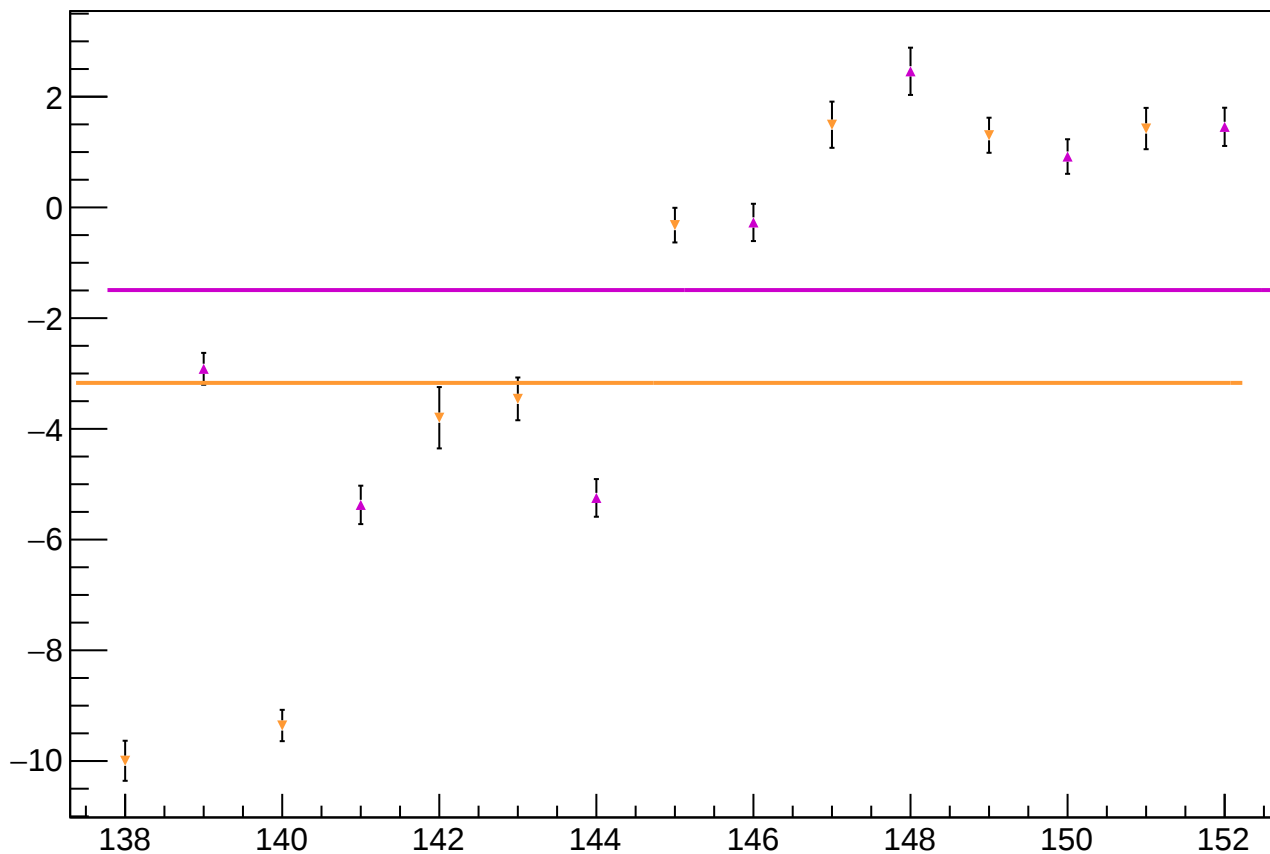
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -20.761 $\pm$ 0.012 χ^2 /NDF: 52846.7/23

Out: -21.568 $\pm$ 0.012 χ^2 /NDF: 71260.6/25

All: -21.158 $\pm$ 0.008 χ^2 /NDF: 126488.3/49

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: -1.493+/-0.127 χ^2/NDF :502.8/6

Left: -2.339+/-0.089 χ^2/NDF : 1986.0/14

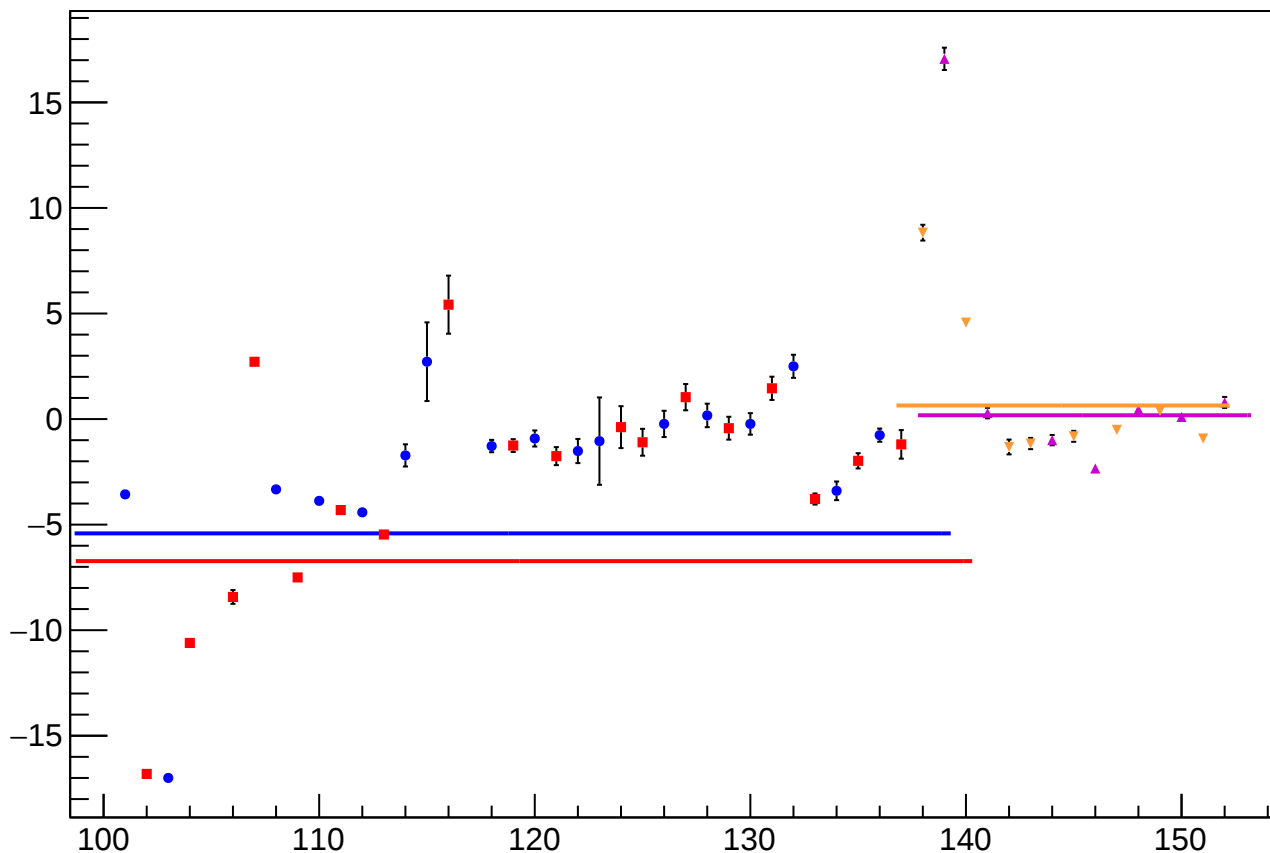
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.493+/-0.127 χ^2/NDF :502.8/6

Out: -3.169+/-0.126 χ^2/NDF :1395.2/7

All: -2.339+/-0.089 χ^2/NDF : 1986.0/14

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.643 ± 0.087 χ^2/NDF : 949.5/7

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.180 ± 0.092 χ^2/NDF : 1188.7/6

Left: 0.424 ± 0.063 χ^2/NDF : 2151.5/14

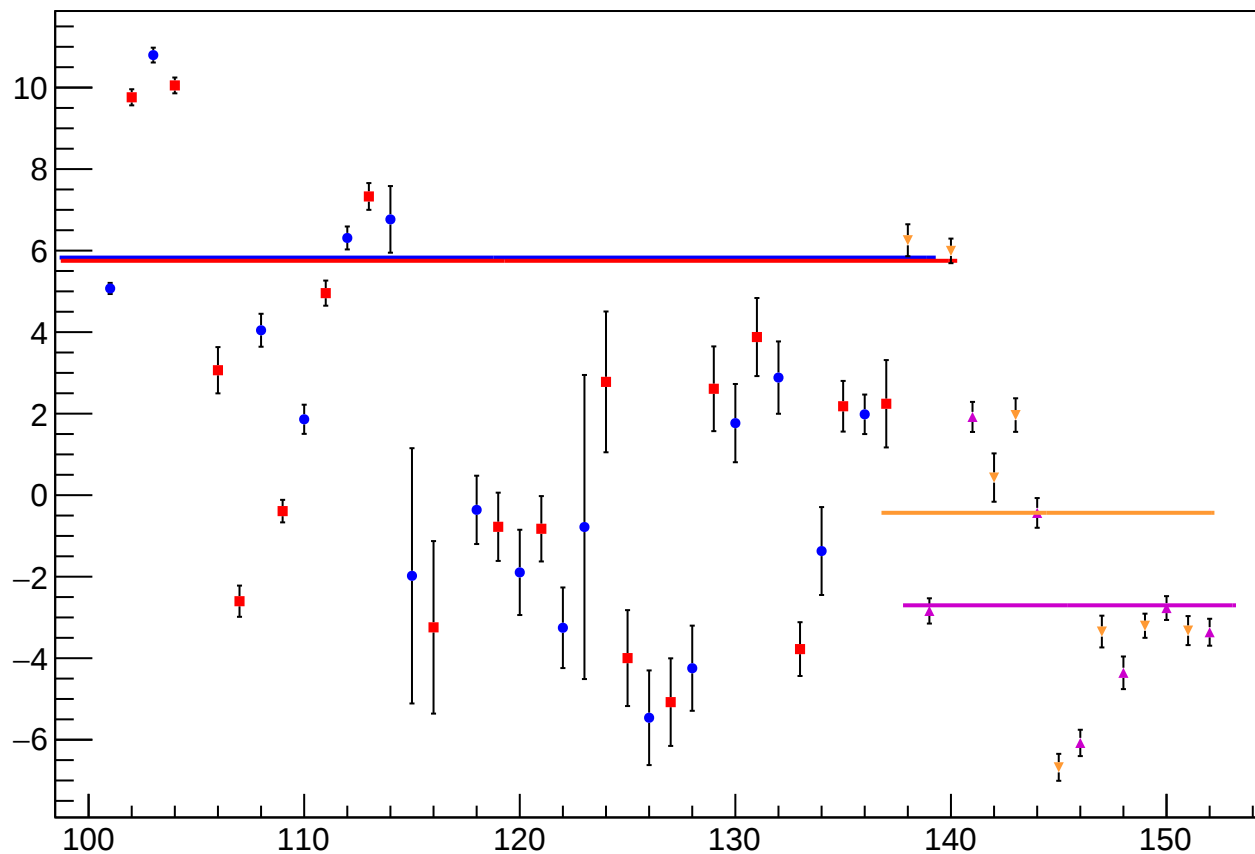
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.954 ± 0.047 χ^2/NDF : 13170.8/23

Out: -4.375 ± 0.049 χ^2/NDF : 17016.2/25

All: -4.154 ± 0.034 χ^2/NDF : 30225.1/49

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: -0.433 ± 0.128 χ^2/NDF : 1346.8/7

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -2.702 ± 0.127 χ^2/NDF : 326.3/6

Left: -1.574 ± 0.090 χ^2/NDF : 1831.8/14

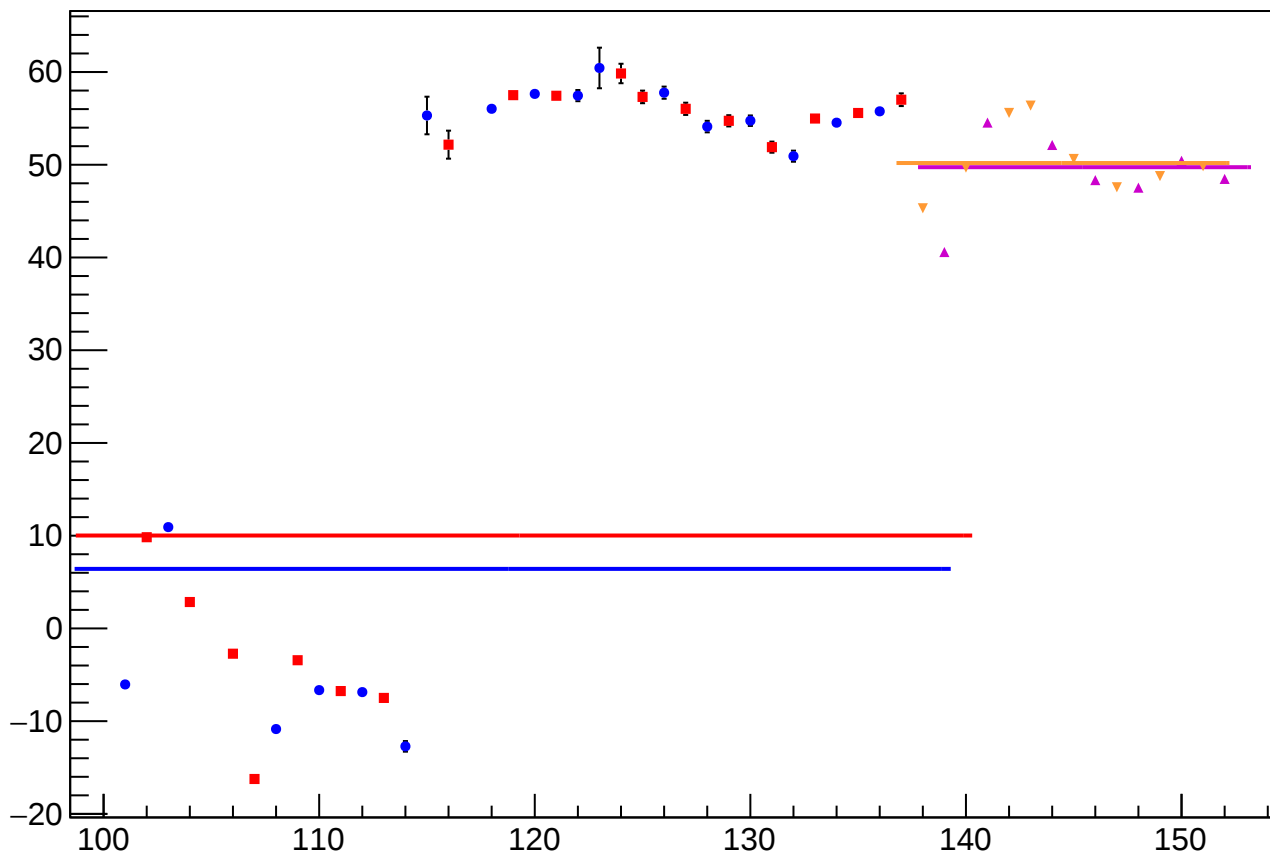
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.993 ± 0.073 χ^2/NDF : 4786.8/23

Out: 3.513 ± 0.077 χ^2/NDF : 5351.9/25

All: 3.240 ± 0.053 χ^2/NDF : 10162.6/49

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: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.737+/-0.112 χ^2/NDF : 759.8/6

Left: 49.971+/-0.077 χ^2/NDF : 1567.8/14

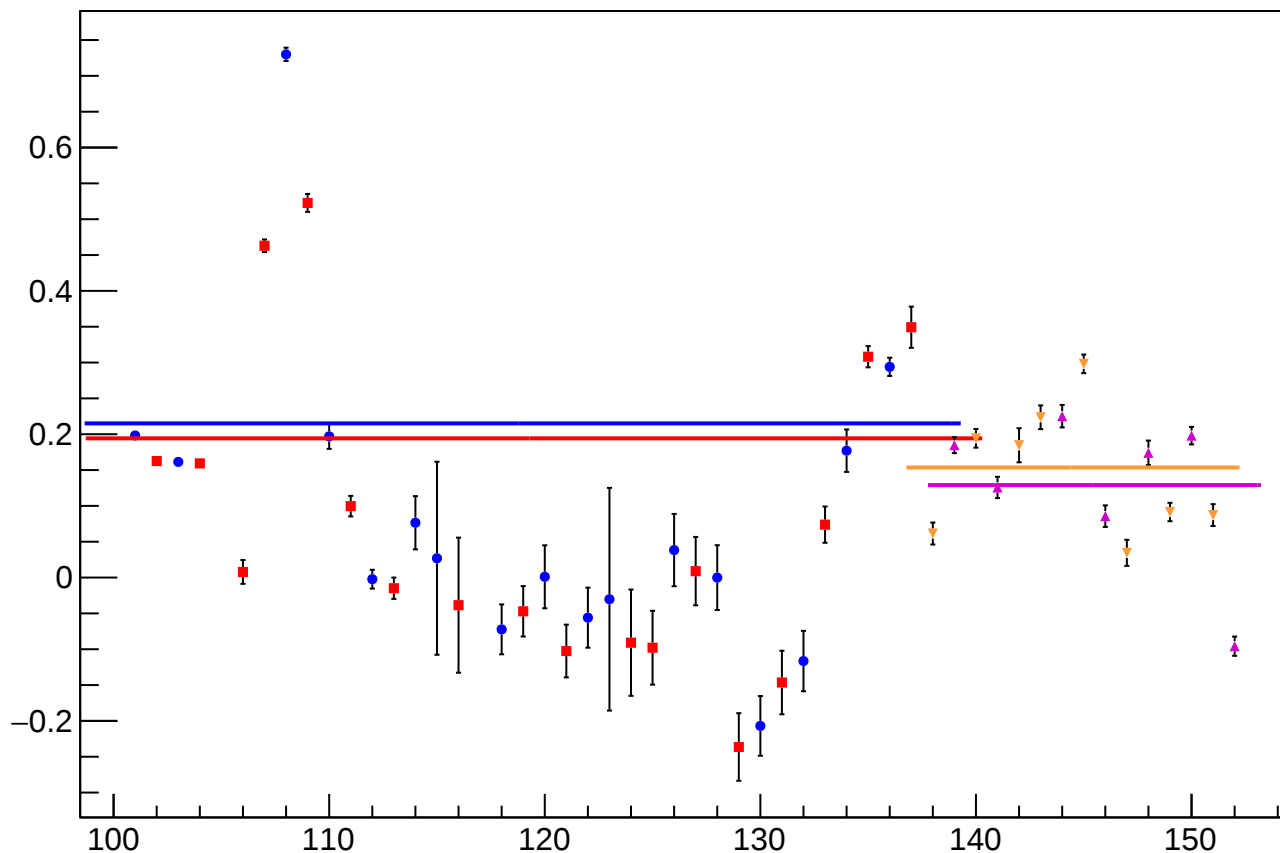
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 17.328+/-0.056 χ^2/NDF : 236616.7/23

Out: 22.183+/-0.059 χ^2/NDF : 220571.7/25

All: 19.626+/-0.041 χ^2/NDF : 460748.2/49

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.154 ± 0.005 $\chi^2/\text{NDF}: 275.2/7$

Right Out: 0.194 ± 0.003 $\chi^2/\text{NDF}: 2520.1/17$

Left In: 0.129 ± 0.005 $\chi^2/\text{NDF}: 390.6/6$

Left: 0.141 ± 0.004 $\chi^2/\text{NDF}: 676.6/14$

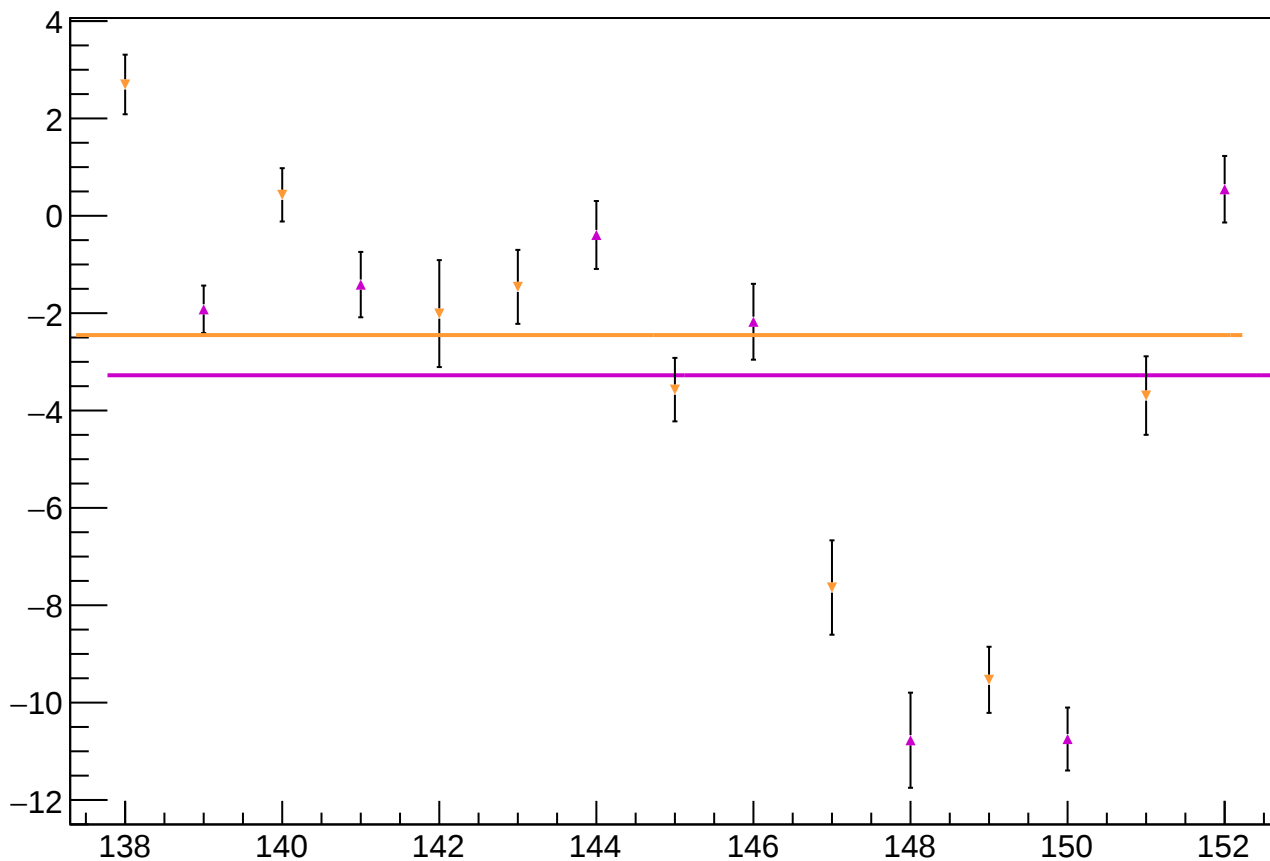
Right: 0.205 ± 0.002 $\chi^2/\text{NDF}: 6475.9/34$

In: 0.196 ± 0.002 $\chi^2/\text{NDF}: 4530.2/23$

Out: 0.186 ± 0.002 $\chi^2/\text{NDF}: 2841.0/25$

All: 0.191 ± 0.002 $\chi^2/\text{NDF}: 7380.3/49$

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: -3.276+/-0.252 χ^2/NDF :258.2/6

Left: -2.863+/-0.178 χ^2/NDF : 506.5/14

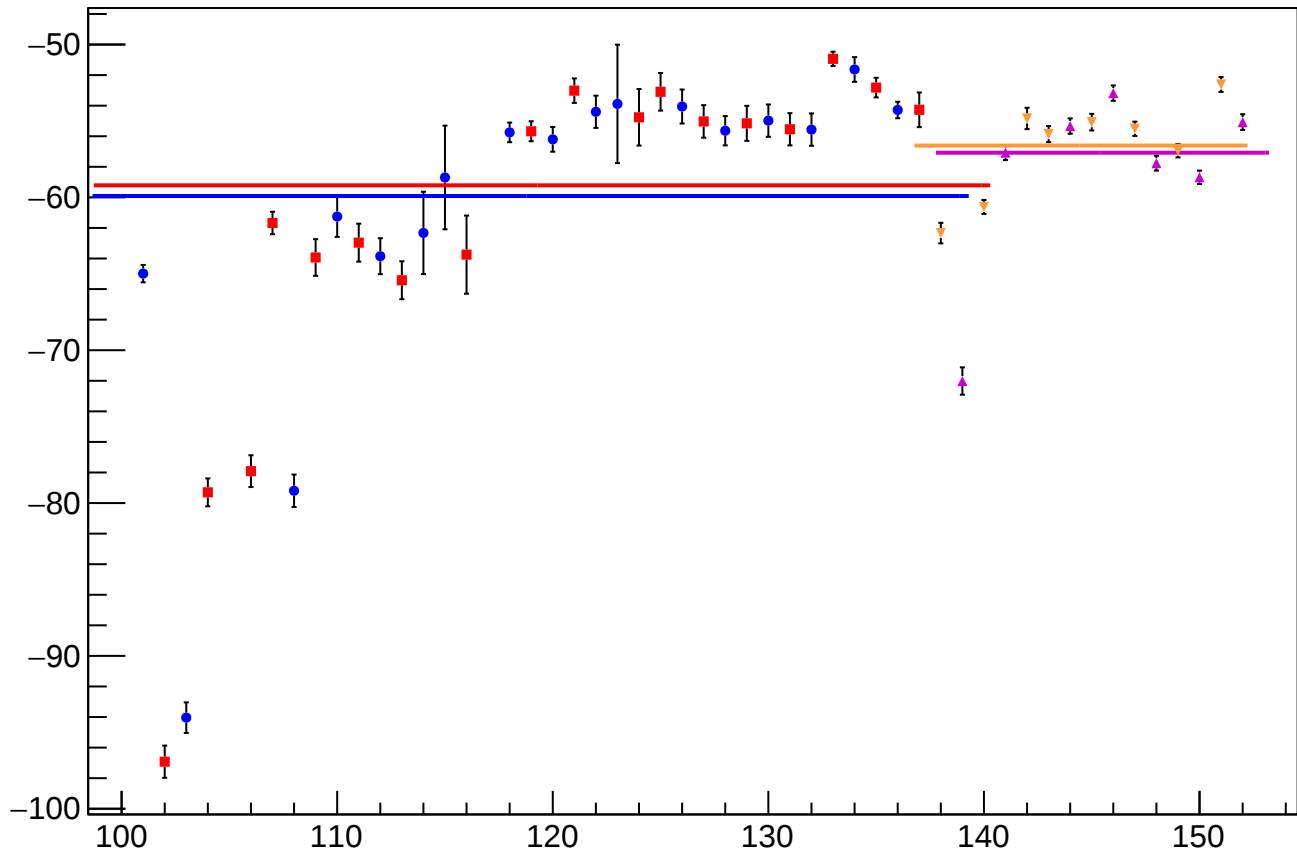
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.276+/-0.252 χ^2/NDF :258.2/6

Out: -2.450+/-0.252 χ^2/NDF :243.0/7

All: -2.863+/-0.178 χ^2/NDF : 506.5/14

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -56.611 ± 0.183 χ^2/NDF : 239.8/7

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -57.077 ± 0.194 χ^2/NDF : 381.1/6

Left: -56.830 ± 0.133 χ^2/NDF : 624.0/14

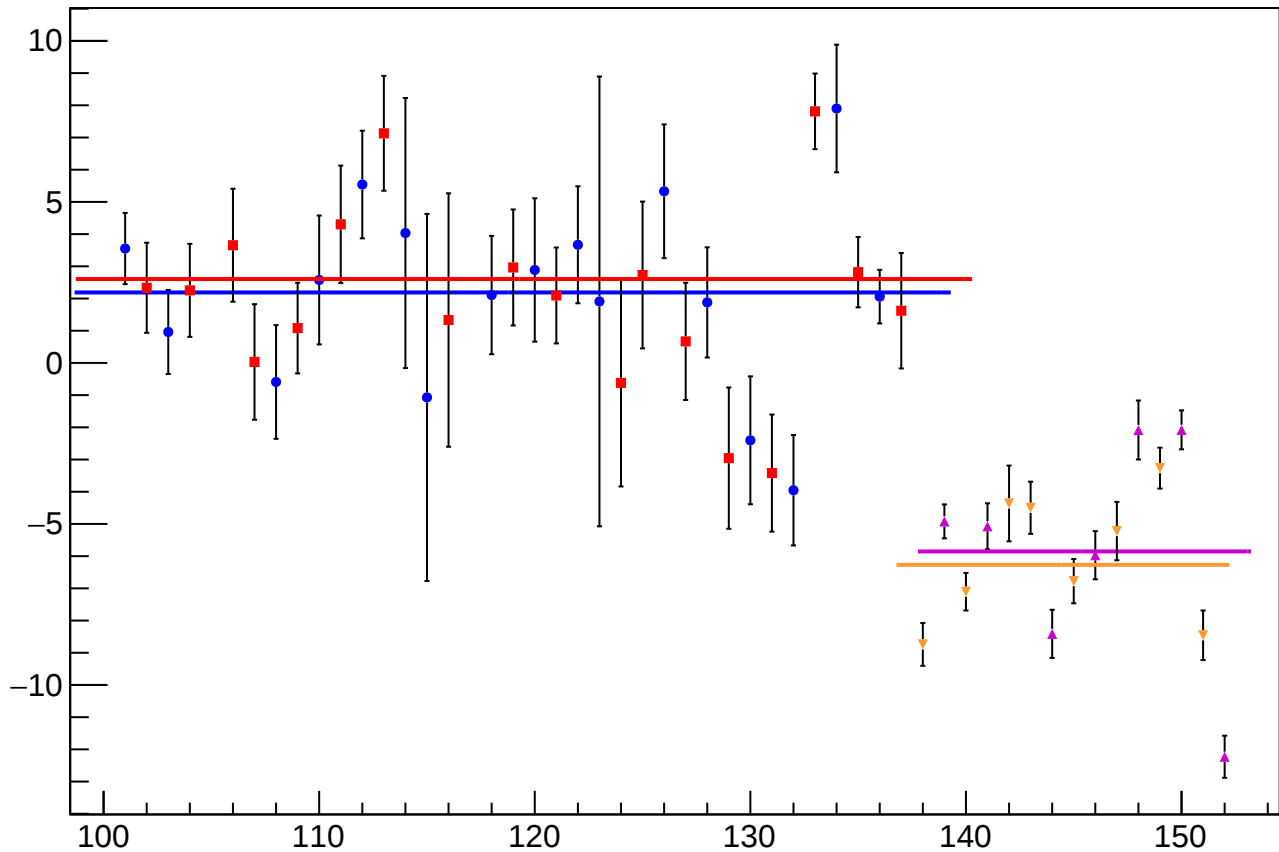
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -58.295 ± 0.146 χ^2/NDF : 2453.8/23

Out: -57.716 ± 0.138 χ^2/NDF : 3069.0/25

All: -57.990 ± 0.101 χ^2/NDF : 5531.1/49

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: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -5.853 ± 0.255 $\chi^2/\text{NDF}: 167.1/6$

Left: -6.059 ± 0.182 $\chi^2/\text{NDF}: 224.0/14$

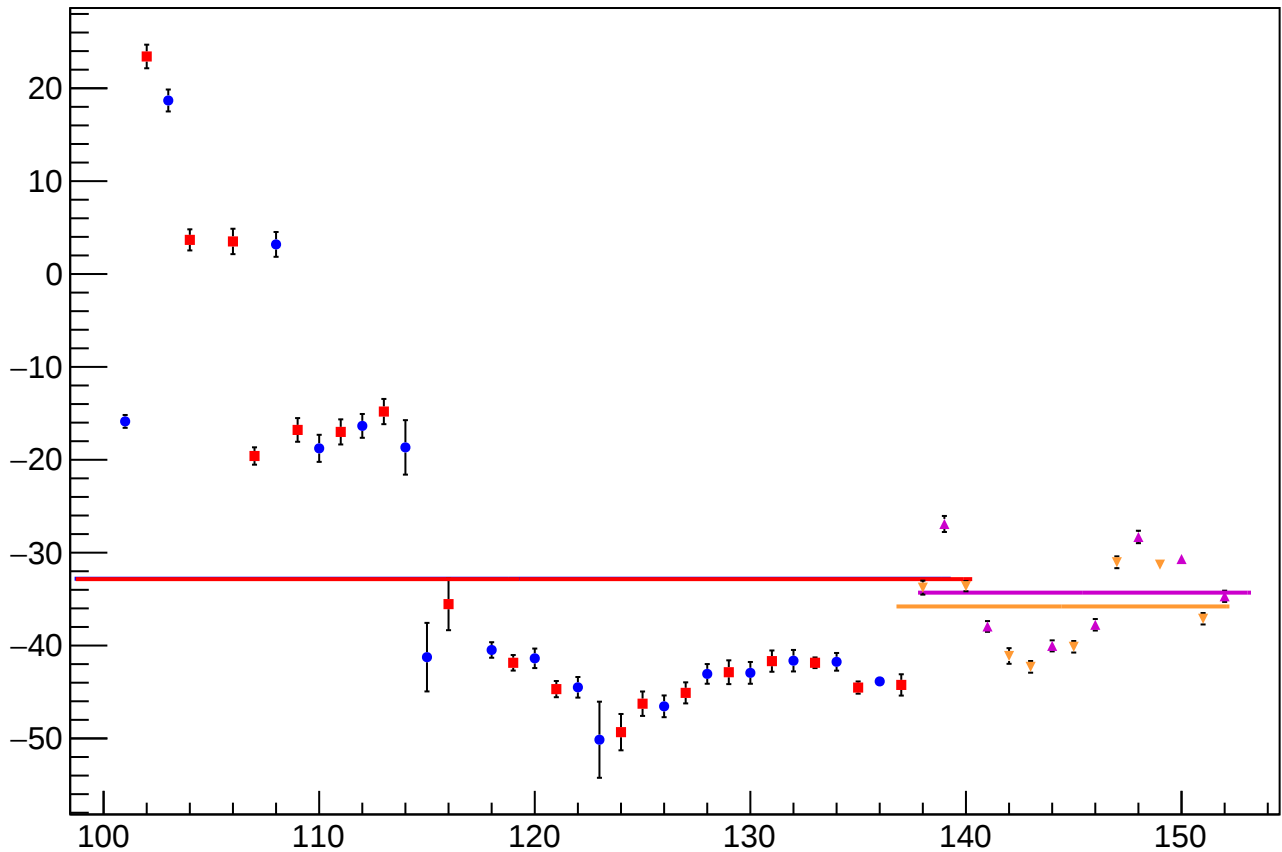
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -3.570 ± 0.216 $\chi^2/\text{NDF}: 489.1/23$

Out: -3.567 ± 0.216 $\chi^2/\text{NDF}: 465.0/25$

All: -3.569 ± 0.152 $\chi^2/\text{NDF}: 954.1/49$

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: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.304 ± 0.232 $\chi^2/\text{NDF}: 368.5/6$

Left: -35.080 ± 0.160 $\chi^2/\text{NDF}: 740.8/14$

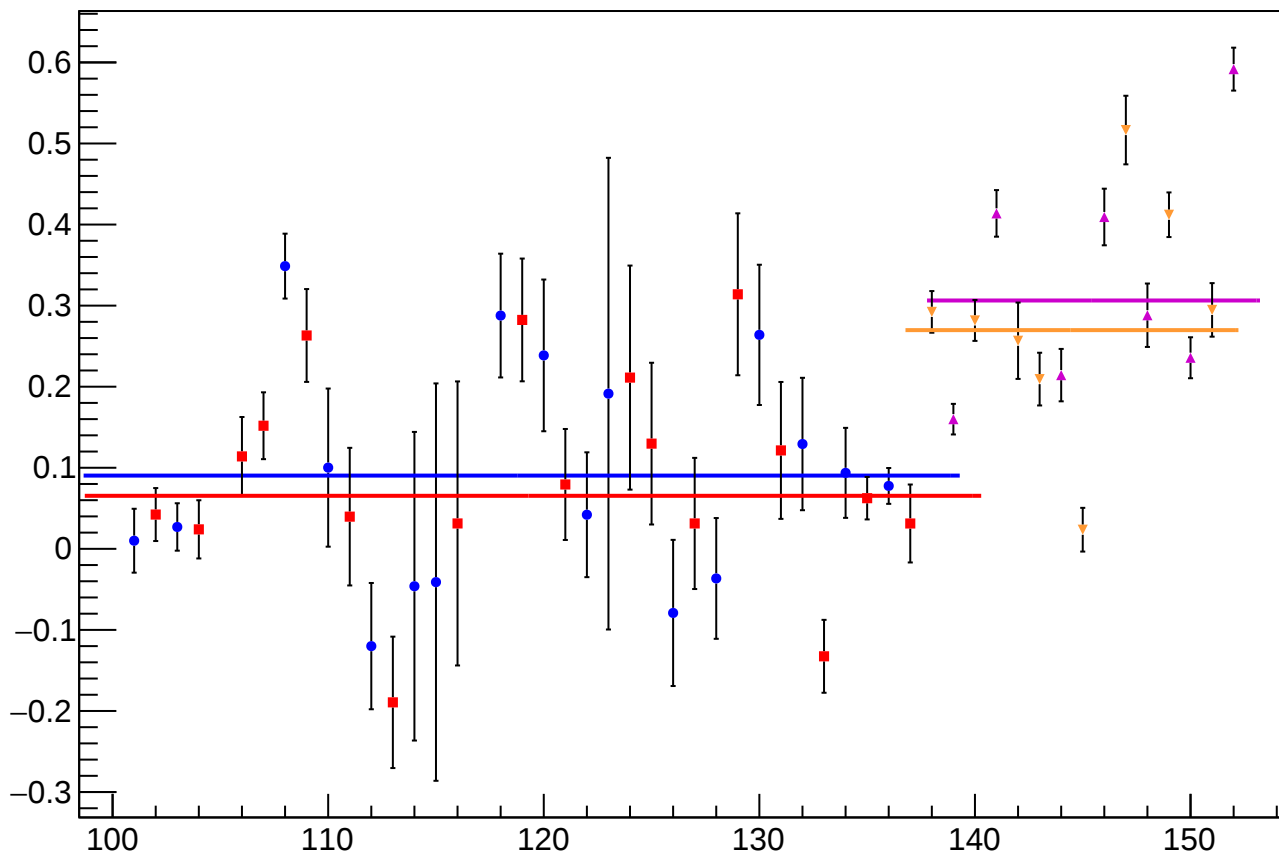
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.624 ± 0.171 $\chi^2/\text{NDF}: 5050.3/23$

Out: -34.460 ± 0.164 $\chi^2/\text{NDF}: 6180.5/25$

All: -34.059 ± 0.119 $\chi^2/\text{NDF}: 11243.2/49$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.270 $\pm$ 0.011 χ^2 /NDF:149.2/7

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.306 $\pm$ 0.010 χ^2 /NDF:215.1/6

Left: 0.289 $\pm$ 0.007 χ^2 /NDF: 370.4/14

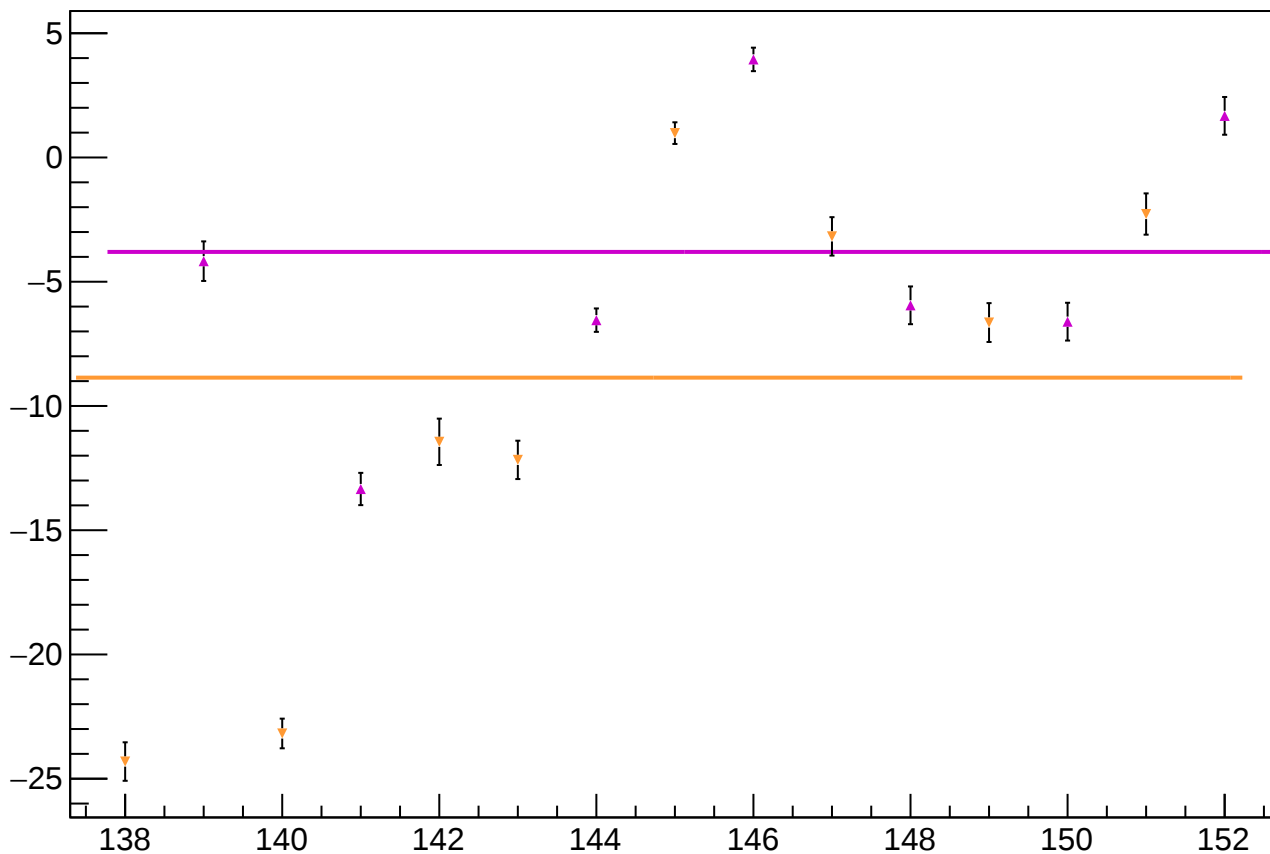
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.221 $\pm$ 0.008 χ^2 /NDF:468.7/23

Out: 0.181 $\pm$ 0.008 χ^2 /NDF:372.2/25

All: 0.201 $\pm$ 0.006 χ^2 /NDF: 853.3/49

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: -3.800+/-0.235 χ^2/NDF :592.5/6

Left: -6.273+/-0.168 χ^2/NDF : 2453.3/14

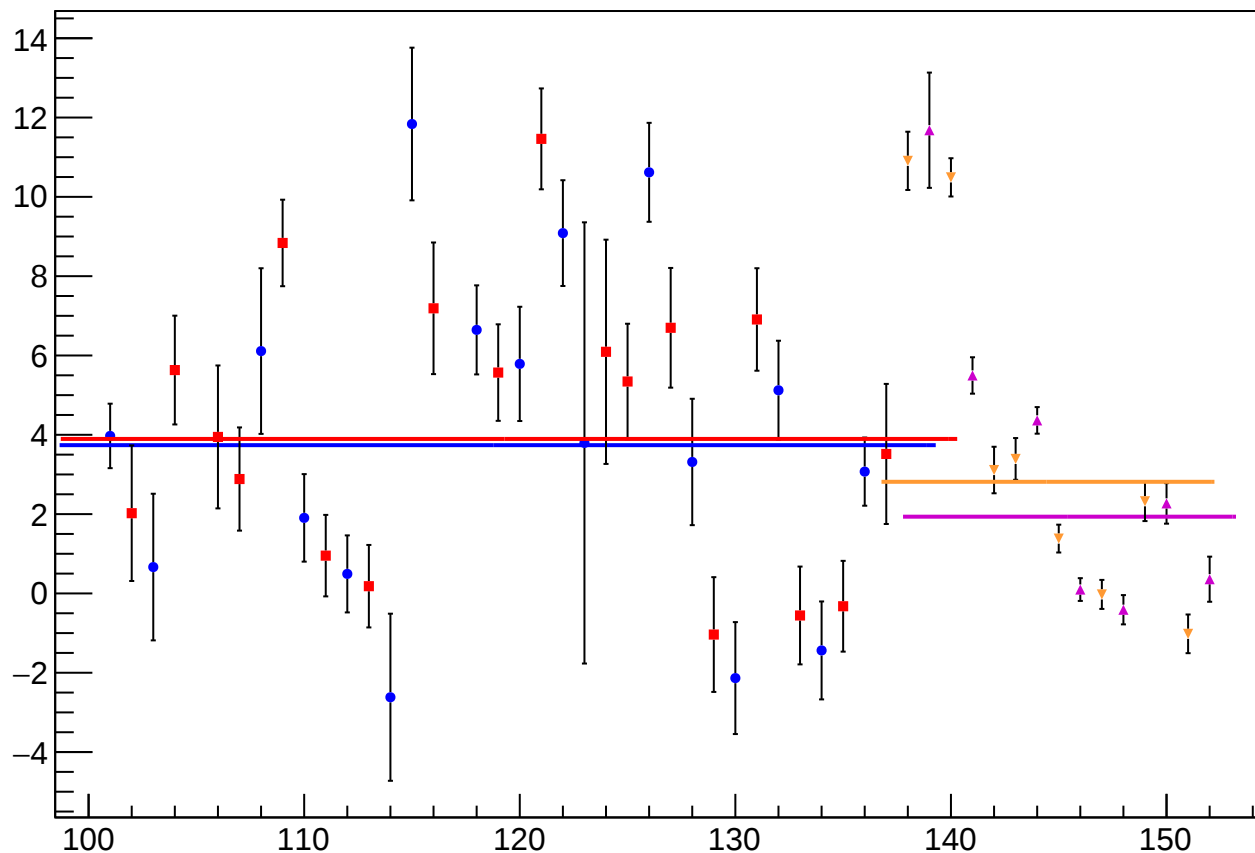
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.800+/-0.235 χ^2/NDF :592.5/6

Out: -8.860+/-0.240 χ^2/NDF :1634.0/7

All: -6.273+/-0.168 χ^2/NDF : 2453.3/14

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.815 $\pm$ 0.166 χ^2 /NDF:515.6/7

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 1.935 $\pm$ 0.157 χ^2 /NDF:247.1/6

Left: 2.352 $\pm$ 0.114 χ^2 /NDF: 777.6/14

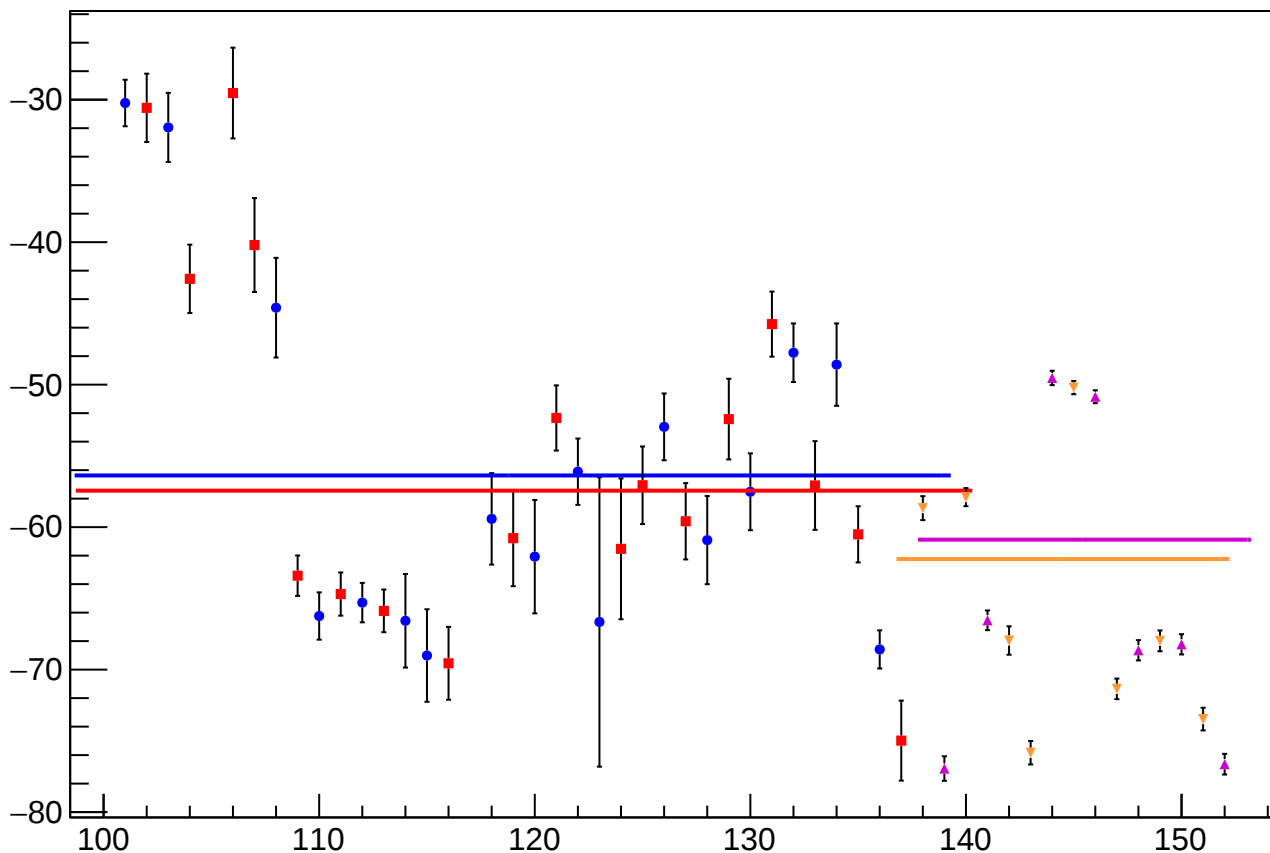
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.306 $\pm$ 0.140 χ^2 /NDF:411.0/23

Out: 3.047 $\pm$ 0.147 χ^2 /NDF:659.7/25

All: 2.659 $\pm$ 0.101 χ^2 /NDF: 1084.1/49

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: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -60.879 ± 0.235 χ^2/NDF : 2105.4/6

Left: -61.527 ± 0.170 χ^2/NDF : 3585.3/14

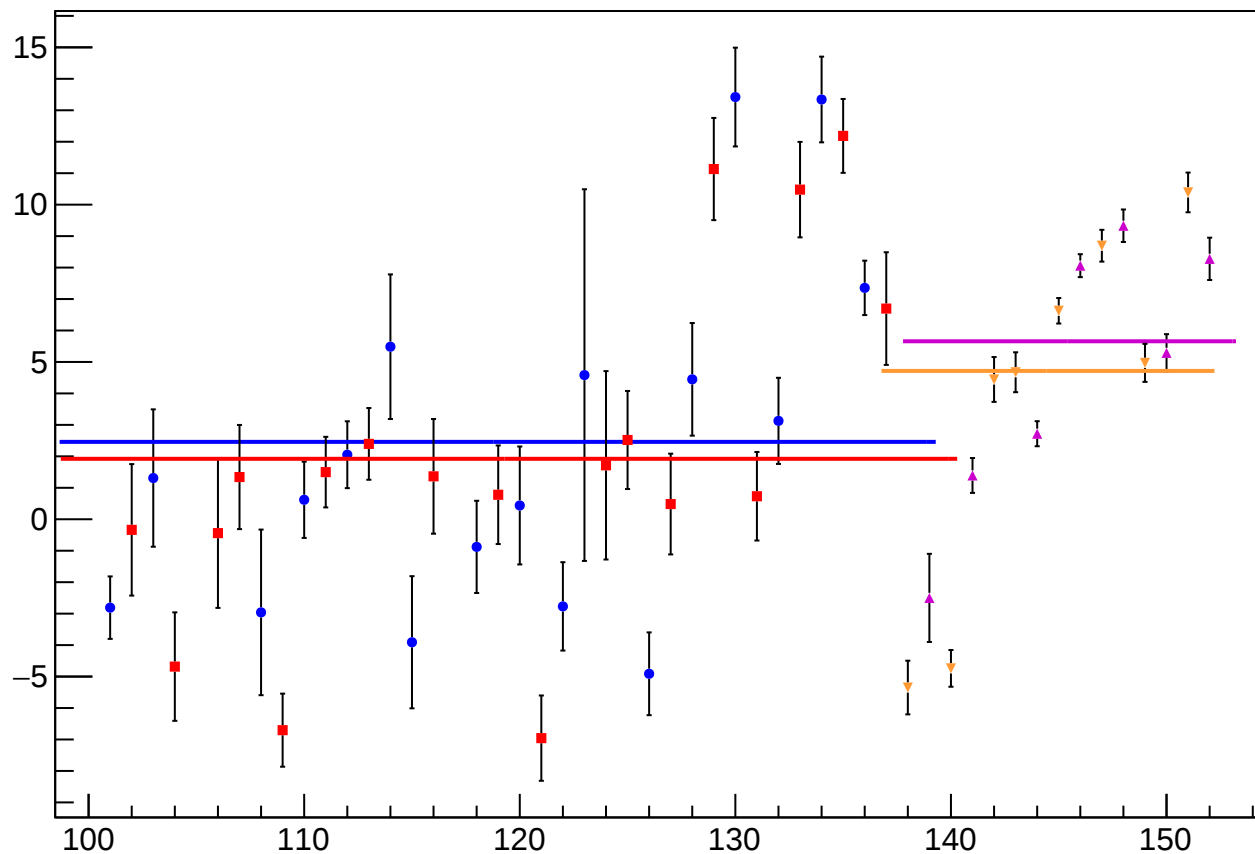
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -60.167 ± 0.216 χ^2/NDF : 2751.0/23

Out: -61.403 ± 0.224 χ^2/NDF : 1970.9/25

All: -60.761 ± 0.156 χ^2/NDF : 4737.6/49

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2/NDF : 243.9/16

Left Out: 4.715 $\pm$ 0.204 χ^2/NDF :566.6/7

Right Out: 1.922 $\pm$ 0.355 χ^2/NDF : 265.1/17

Left In: 5.657 $\pm$ 0.195 χ^2/NDF :257.2/6

Left: 5.209 $\pm$ 0.141 χ^2/NDF : 835.0/14

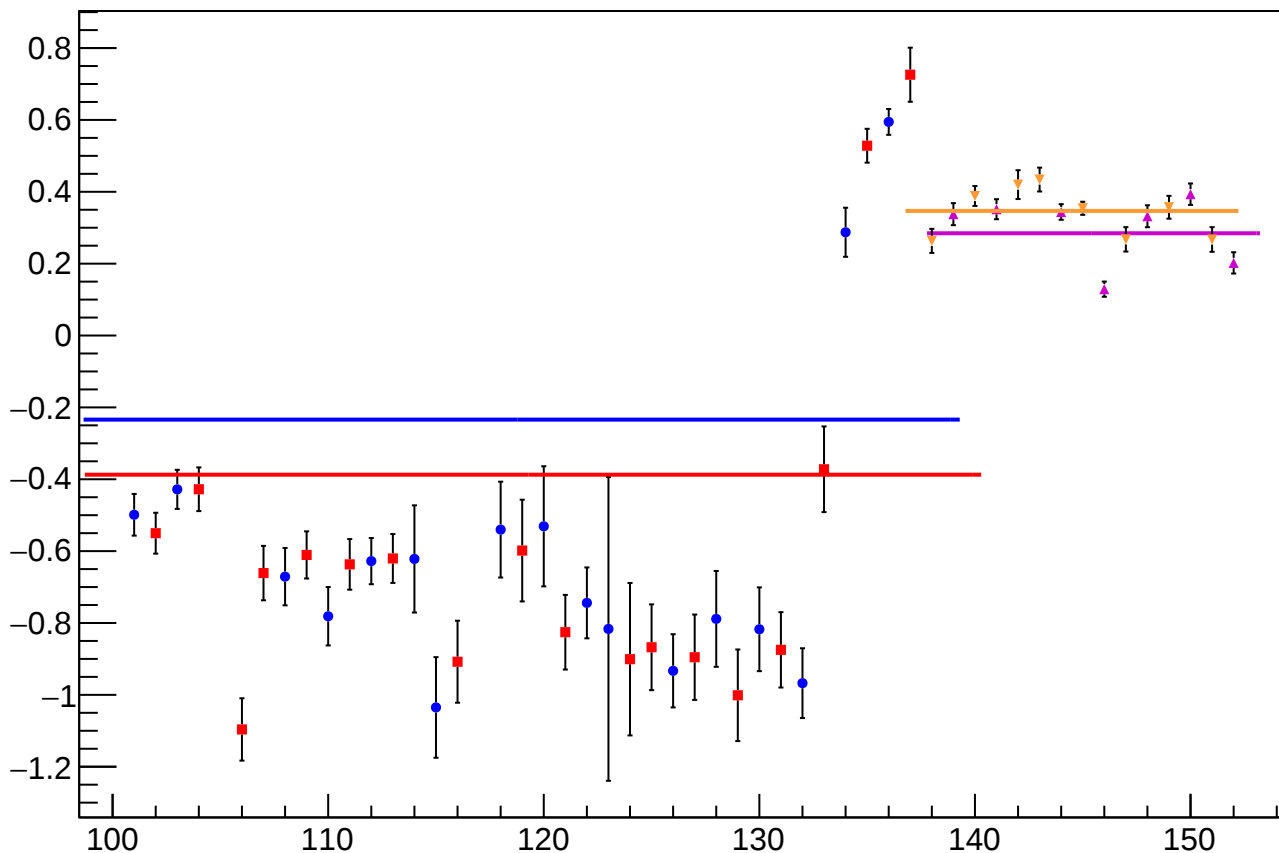
Right: 2.198 $\pm$ 0.248 χ^2/NDF : 510.2/34

In: 4.890 $\pm$ 0.170 χ^2/NDF :565.9/23

Out: 4.021 $\pm$ 0.177 χ^2/NDF :878.3/25

All: 4.474 $\pm$ 0.122 χ^2/NDF : 1456.7/49

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: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.285 ± 0.010 χ^2/NDF : 93.7/6

Left: 0.315 ± 0.007 χ^2/NDF : 142.3/14

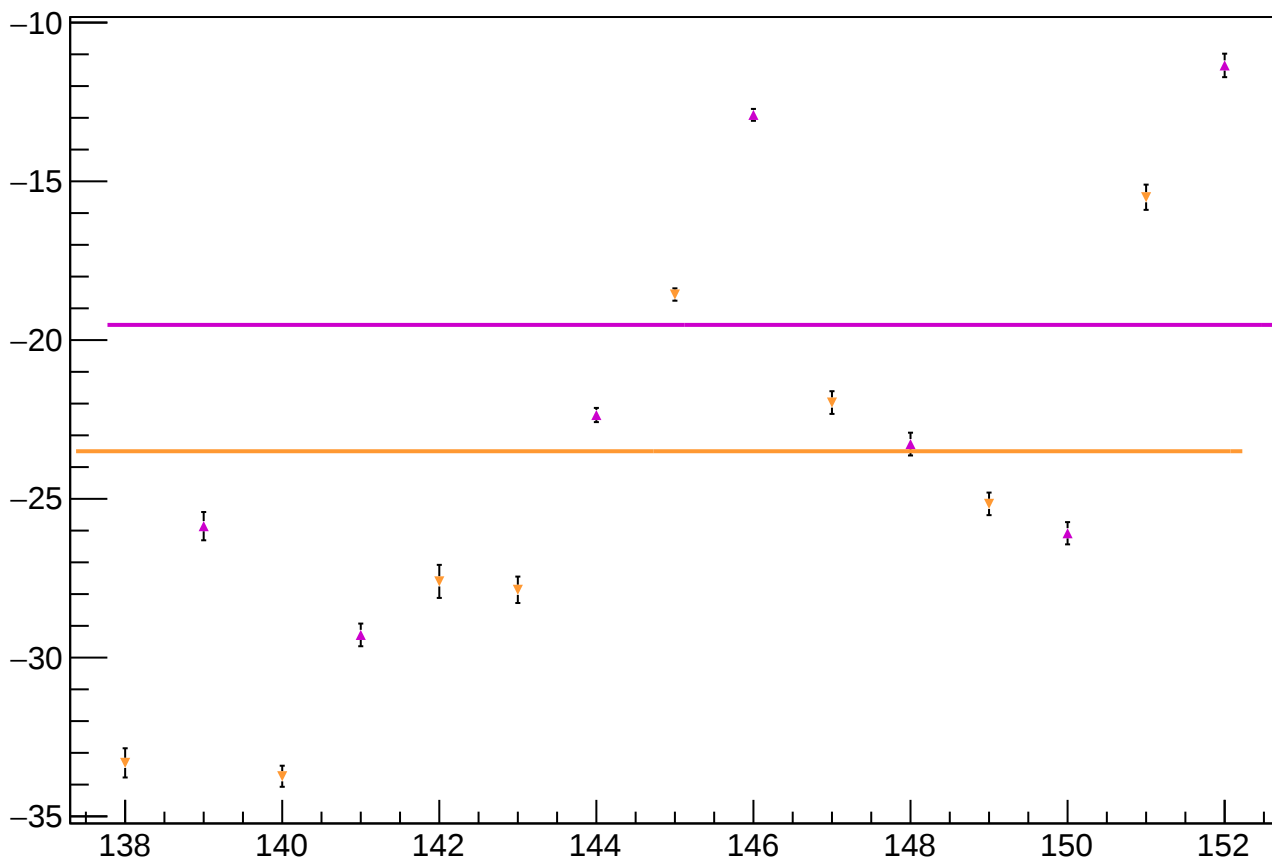
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.171 ± 0.009 χ^2/NDF : 1640.7/23

Out: 0.181 ± 0.009 χ^2/NDF : 2030.7/25

All: 0.176 ± 0.006 χ^2/NDF : 3671.9/49

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

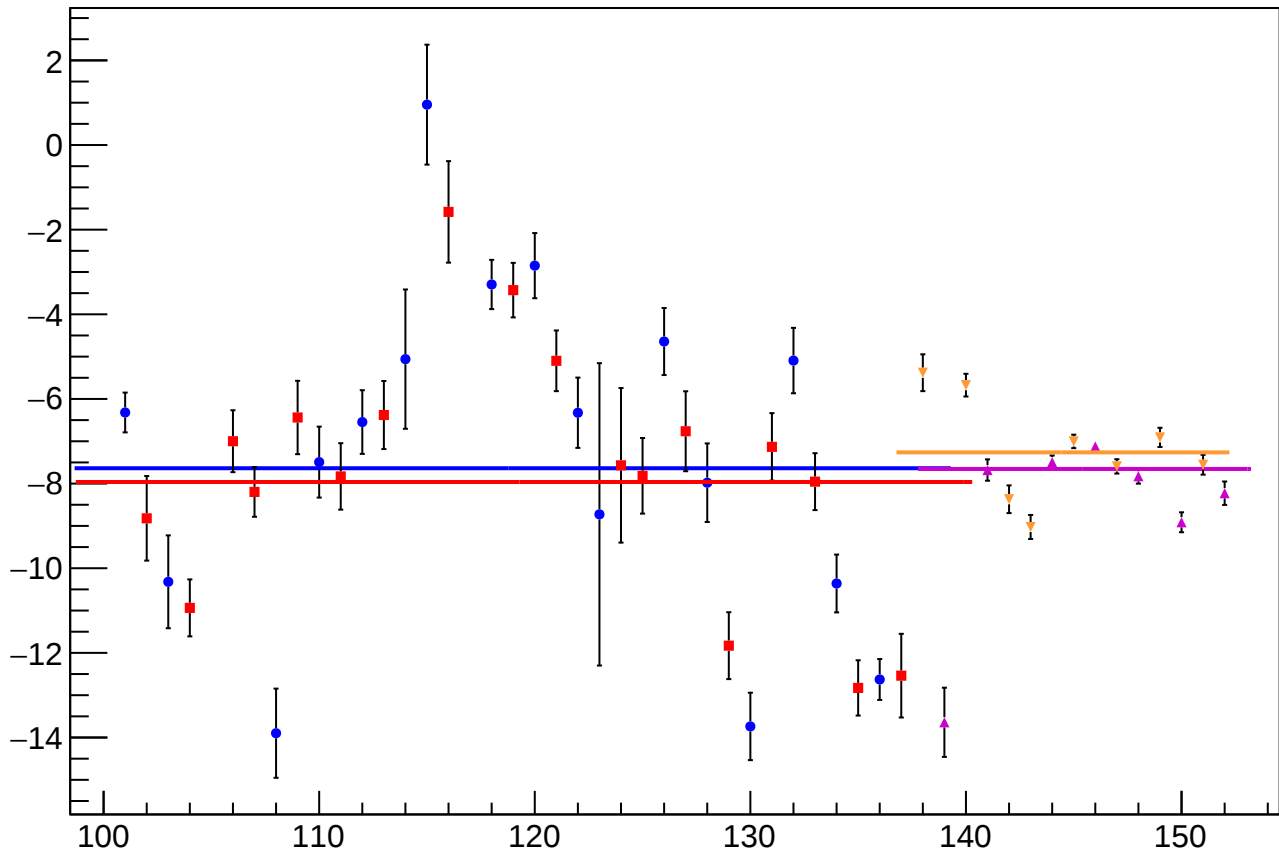


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.501+/-0.118 χ^2/NDF : 2664.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.522+/-0.109 χ^2/NDF : 3306.4/6

Left: -21.346+/-0.080 χ^2/NDF : 6585.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.522+/-0.109 χ^2/NDF : 3306.4/6
 Out: -23.501+/-0.118 χ^2/NDF : 2664.9/7

All: -21.346+/-0.080 χ^2/NDF : 6585.8/14

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.262 ± 0.081 χ^2/NDF : 114.4/7

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.654 ± 0.072 χ^2/NDF : 109.1/6

Left: -7.481 ± 0.054 χ^2/NDF : 236.6/14

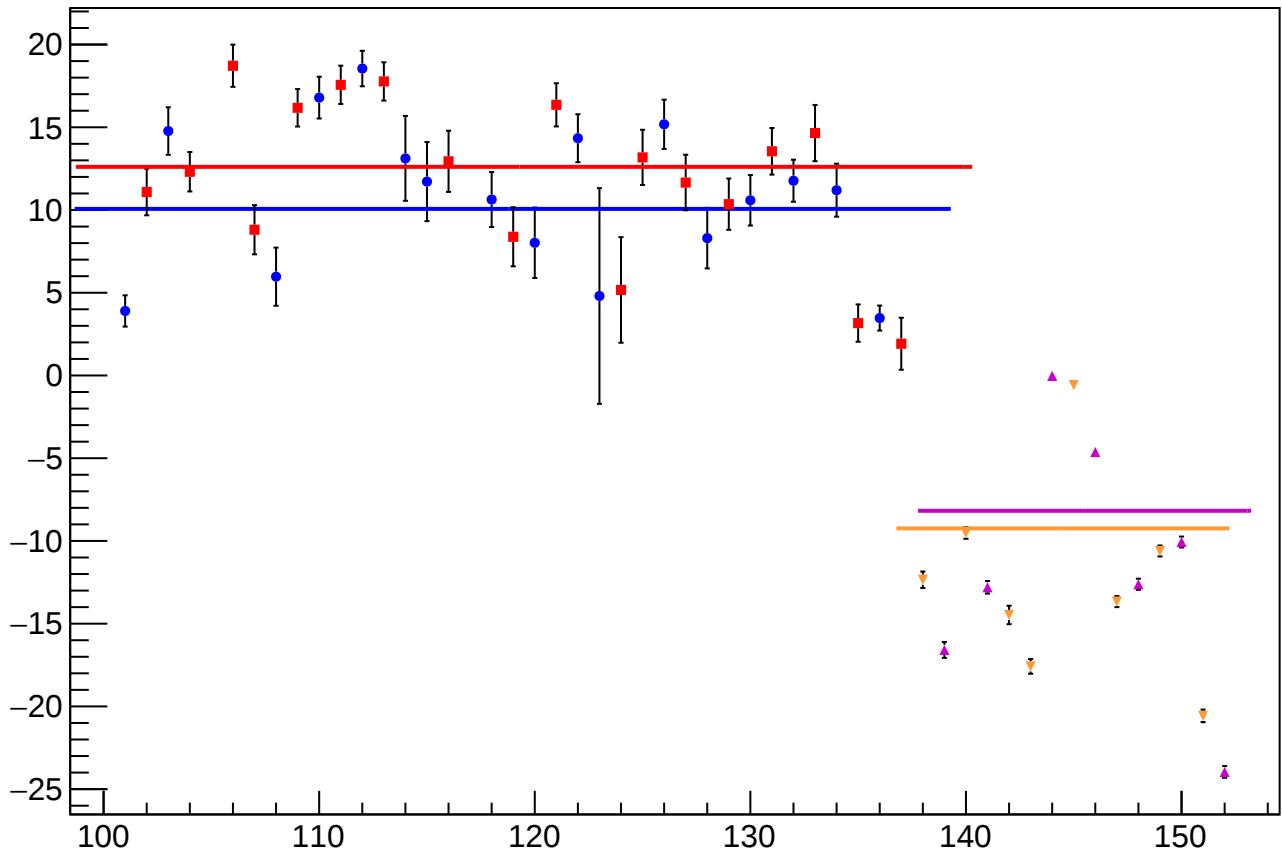
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.652 ± 0.067 χ^2/NDF : 503.1/23

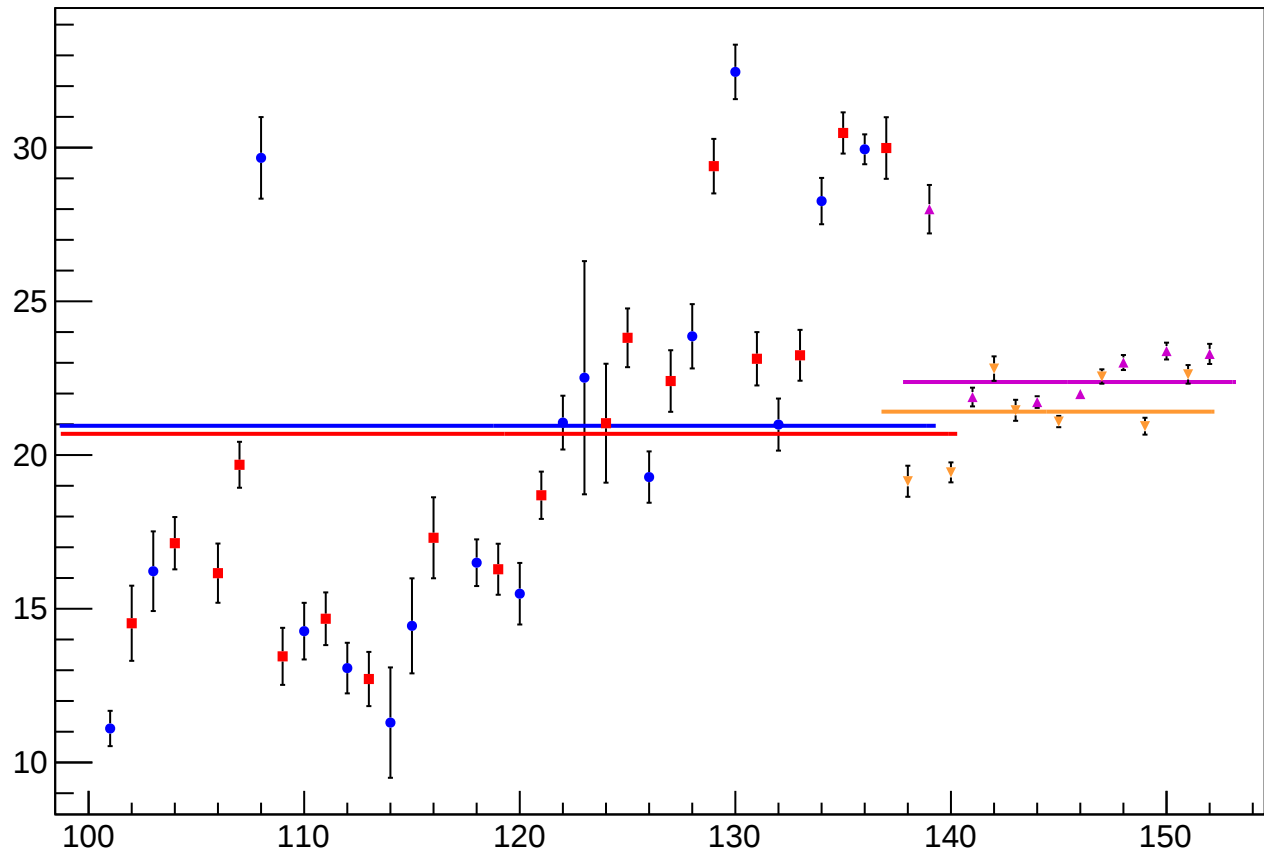
Out: -7.374 ± 0.074 χ^2/NDF : 352.8/25

All: -7.527 ± 0.050 χ^2/NDF : 863.7/49

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.375 $\pm$ 0.089 χ^2 /NDF:100.5/6

Left: 21.948 $\pm$ 0.066 χ^2 /NDF: 268.0/14

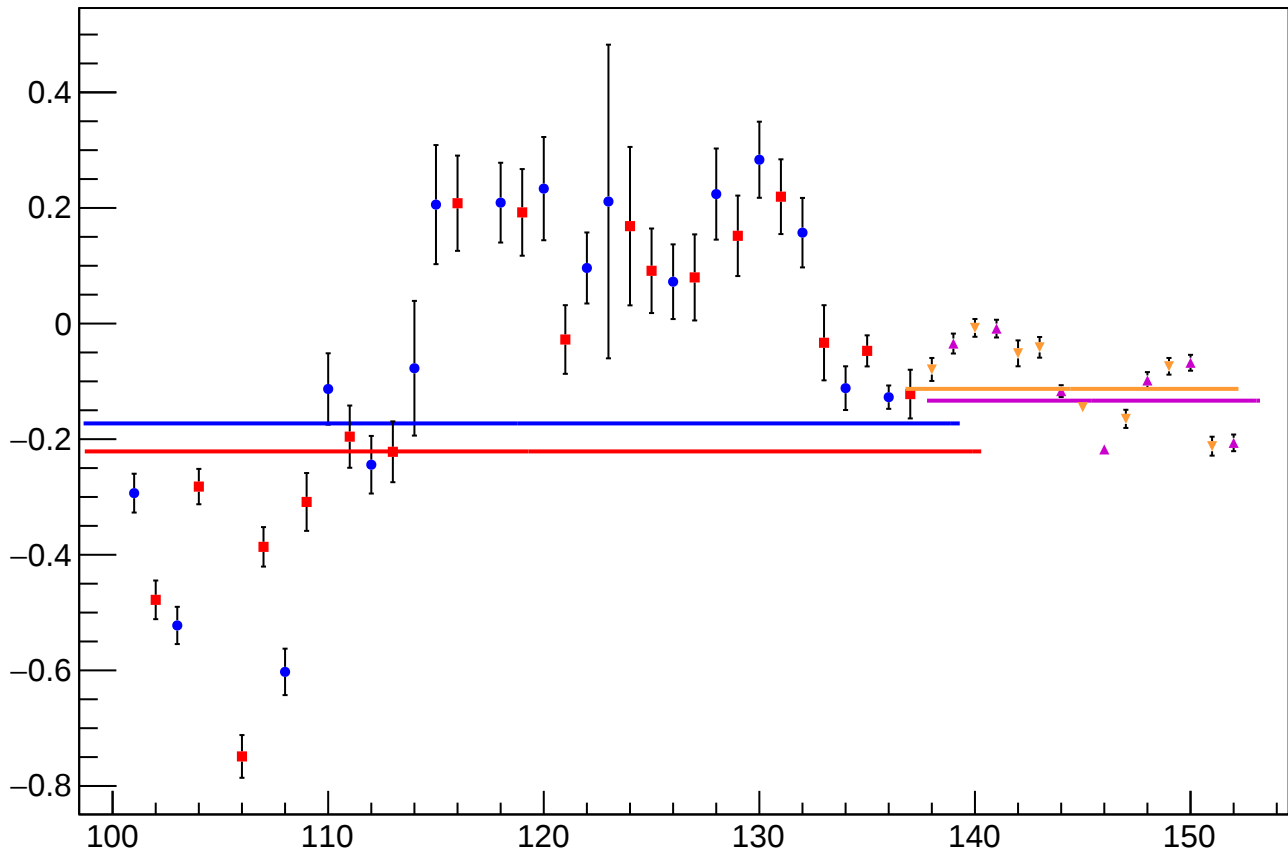
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.158 $\pm$ 0.082 χ^2 /NDF:1362.3/23

Out: 21.281 $\pm$ 0.090 χ^2 /NDF:851.9/25

All: 21.762 $\pm$ 0.061 χ^2 /NDF: 2265.9/49

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 $\chi^2/\text{NDF}: 460.3/16$

Left Out: -0.113 ± 0.005 $\chi^2/\text{NDF}: 143.8/7$

Right Out: -0.221 ± 0.011 $\chi^2/\text{NDF}: 535.1/17$

Left In: -0.133 ± 0.005 $\chi^2/\text{NDF}: 255.5/6$

Left: -0.124 ± 0.003 $\chi^2/\text{NDF}: 408.2/14$

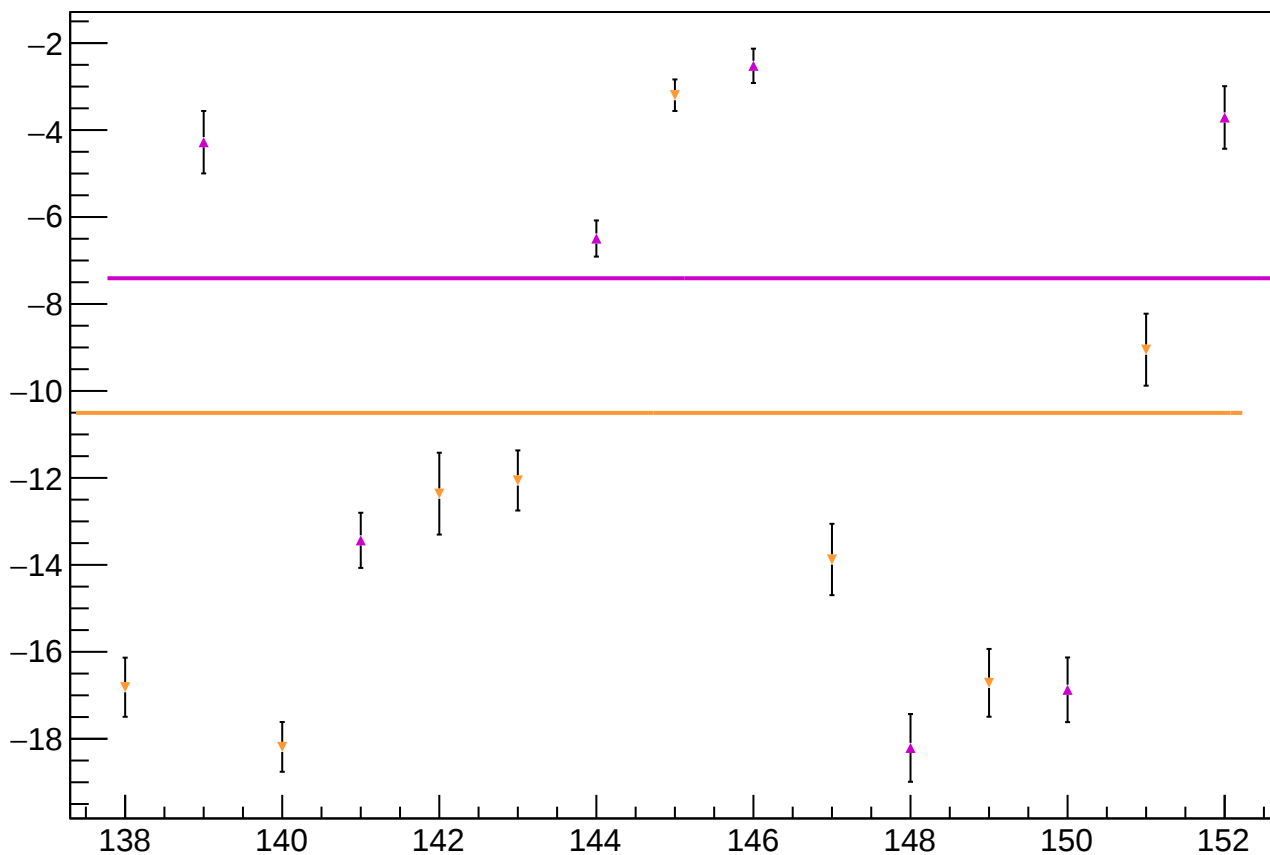
Right: -0.197 ± 0.008 $\chi^2/\text{NDF}: 1005.0/34$

In: -0.139 ± 0.004 $\chi^2/\text{NDF}: 726.4/23$

Out: -0.132 ± 0.005 $\chi^2/\text{NDF}: 759.5/25$

All: -0.136 ± 0.003 $\chi^2/\text{NDF}: 1487.3/49$

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: -7.408+/-0.213 χ^2/NDF : 648.1/6

Left: -8.906+/-0.153 χ^2/NDF : 1514.8/14

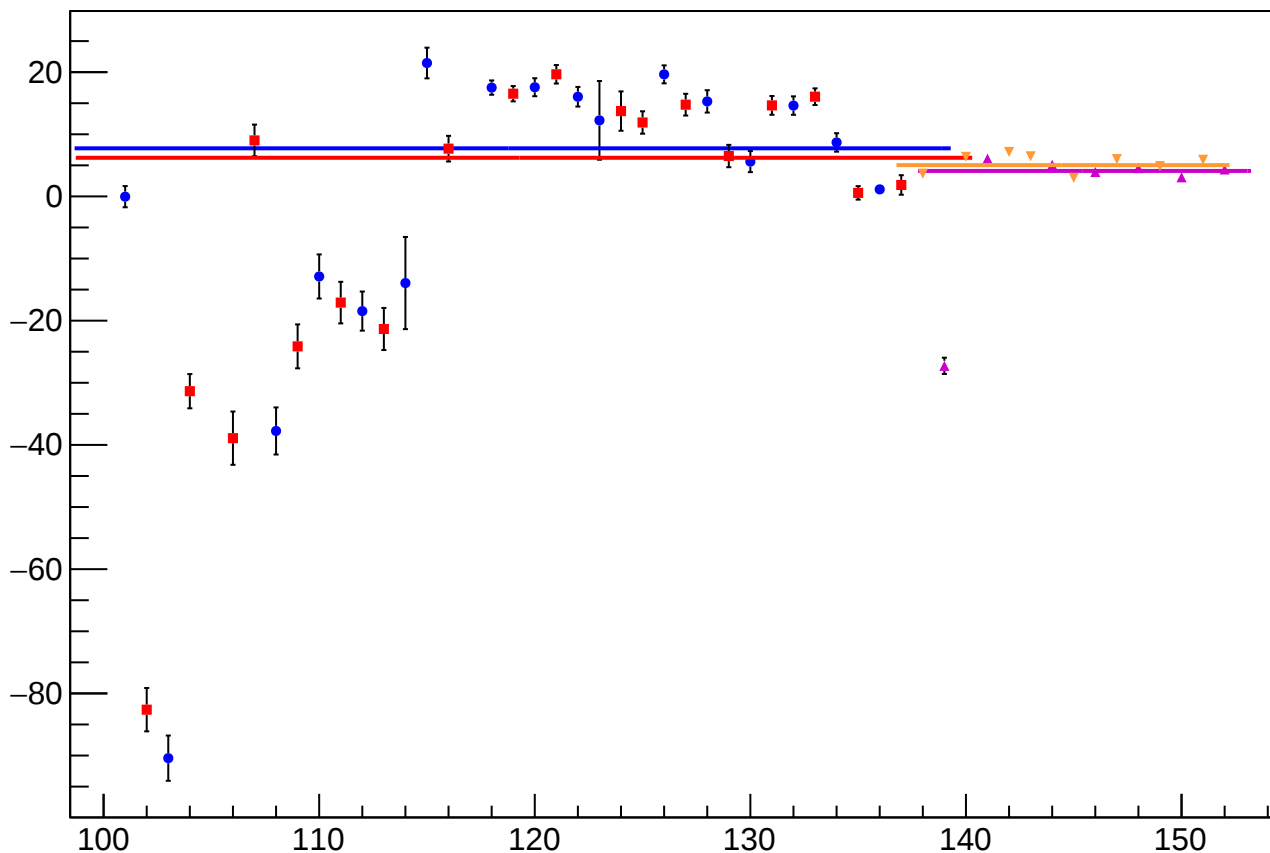
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Out: -10.505+/-0.220 χ^2/NDF : 764.5/7

All: -8.906+/-0.153 χ^2/NDF : 1514.8/14

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 5.038 ± 0.156 $\chi^2/\text{NDF}: 94.6/7$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.100 ± 0.146 $\chi^2/\text{NDF}: 612.5/6$

Left: 4.538 ± 0.106 $\chi^2/\text{NDF}: 726.4/14$

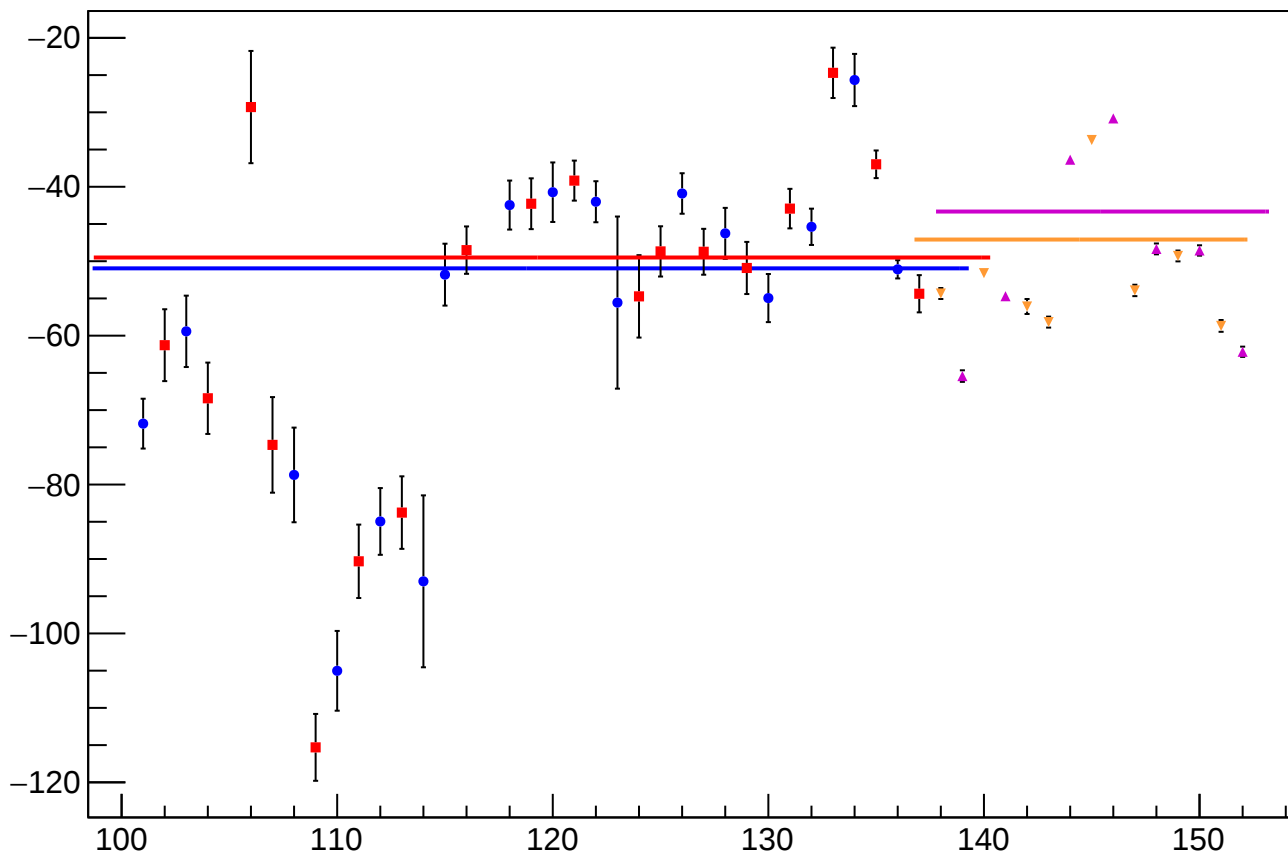
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.521 ± 0.137 $\chi^2/\text{NDF}: 2043.6/23$

Out: 5.173 ± 0.147 $\chi^2/\text{NDF}: 1547.1/25$

All: 4.825 ± 0.100 $\chi^2/\text{NDF}: 3601.3/49$

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: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -43.328 ± 0.214 χ^2/NDF : 3276.5/6

Left: -45.086 ± 0.156 χ^2/NDF : 5372.0/14

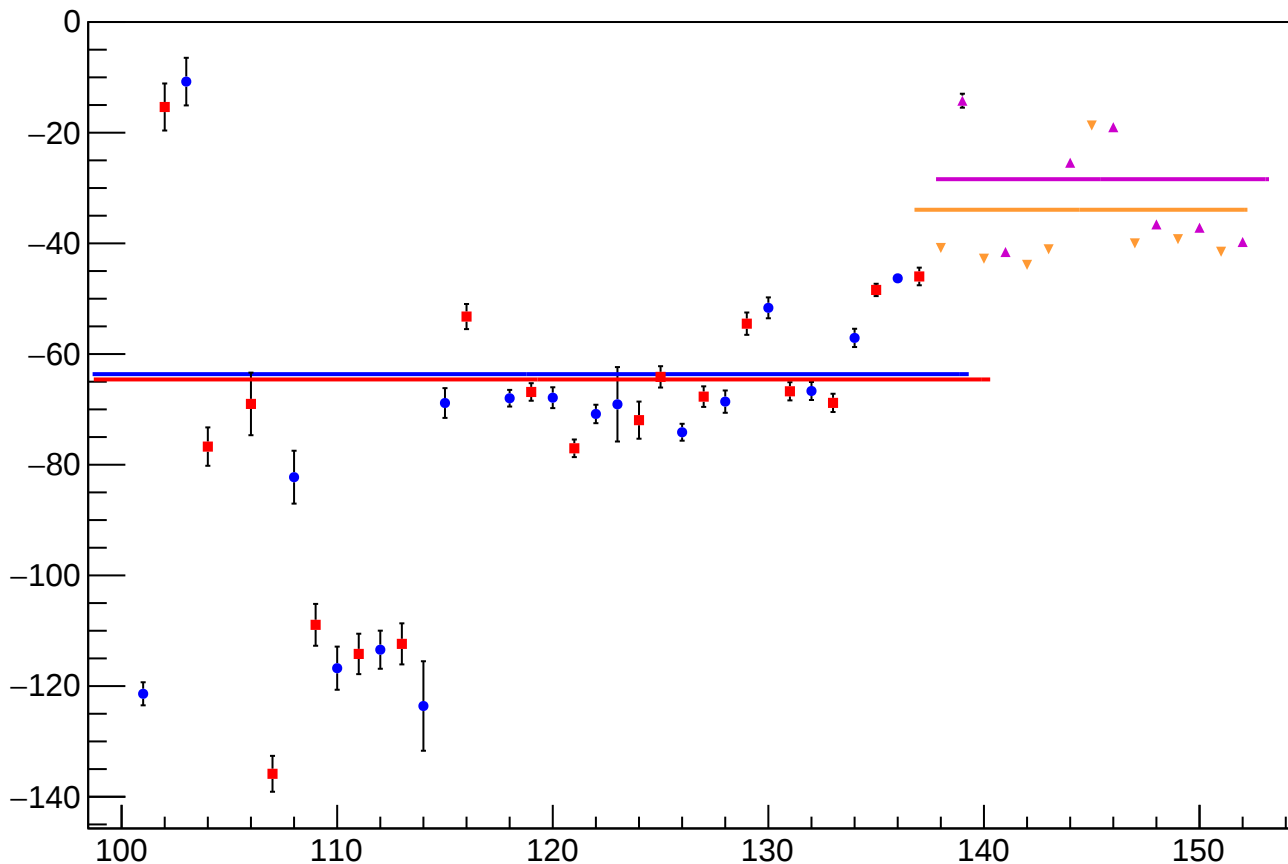
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -43.919 ± 0.205 χ^2/NDF : 3706.9/23

Out: -47.271 ± 0.219 χ^2/NDF : 2465.8/25

All: -45.484 ± 0.150 χ^2/NDF : 6297.1/49

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: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -28.402 ± 0.179 χ^2/NDF : 2461.8/6

Left: -31.000 ± 0.130 χ^2/NDF : 6021.4/14

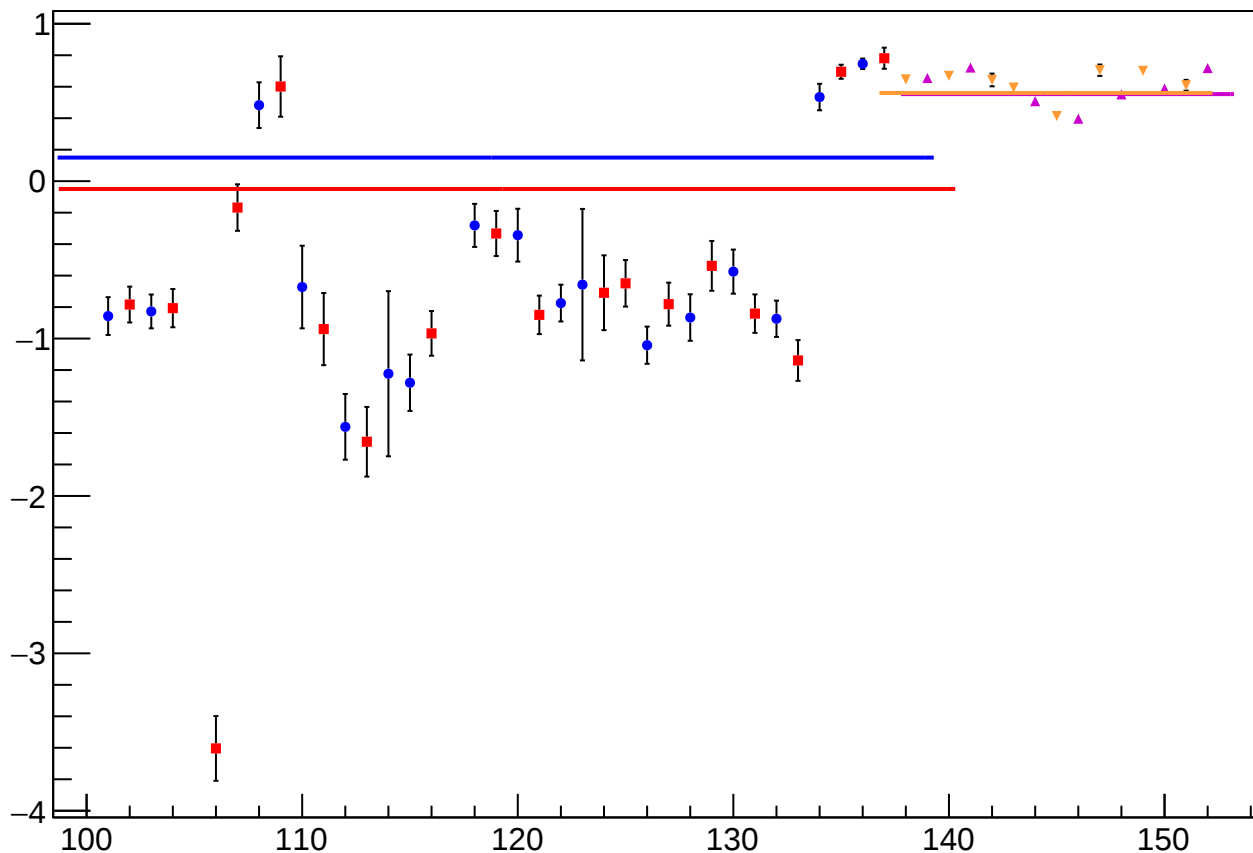
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.296 ± 0.166 χ^2/NDF : 9849.3/23

Out: -38.049 ± 0.177 χ^2/NDF : 8207.2/25

All: -35.525 ± 0.121 χ^2/NDF : 18440.3/49

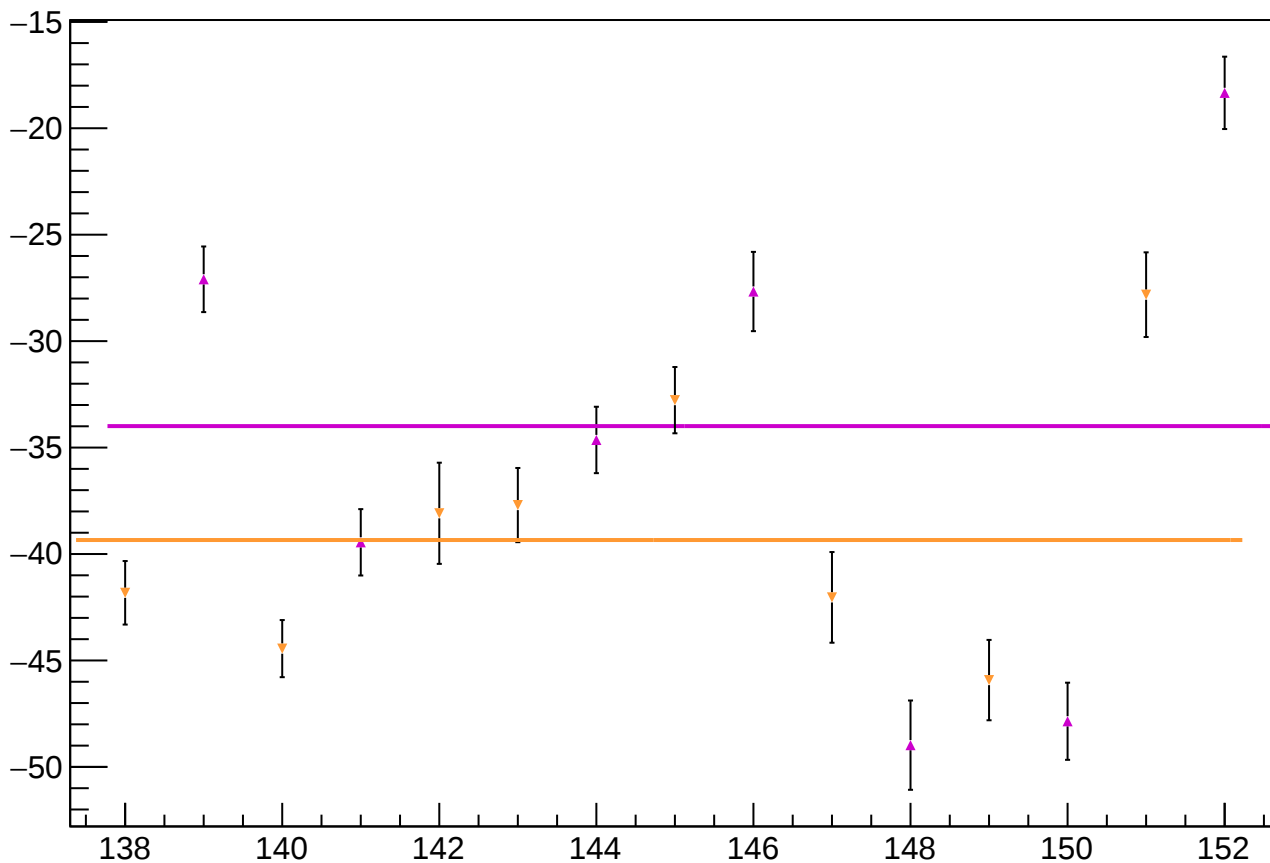
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.560 ± 0.009 χ^2/NDF : 162.0/7
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.553 ± 0.009 χ^2/NDF : 170.5/6

Left: 0.557 ± 0.007 χ^2/NDF : 332.8/14
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.502 ± 0.009 χ^2/NDF : 1406.6/23
 Out: 0.491 ± 0.009 χ^2/NDF : 1795.2/25
 All: 0.497 ± 0.006 χ^2/NDF : 3202.6/49

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: -33.991+/-0.644 χ^2/NDF : 238.4/6

Left: -36.808+/-0.443 χ^2/NDF : 358.3/14

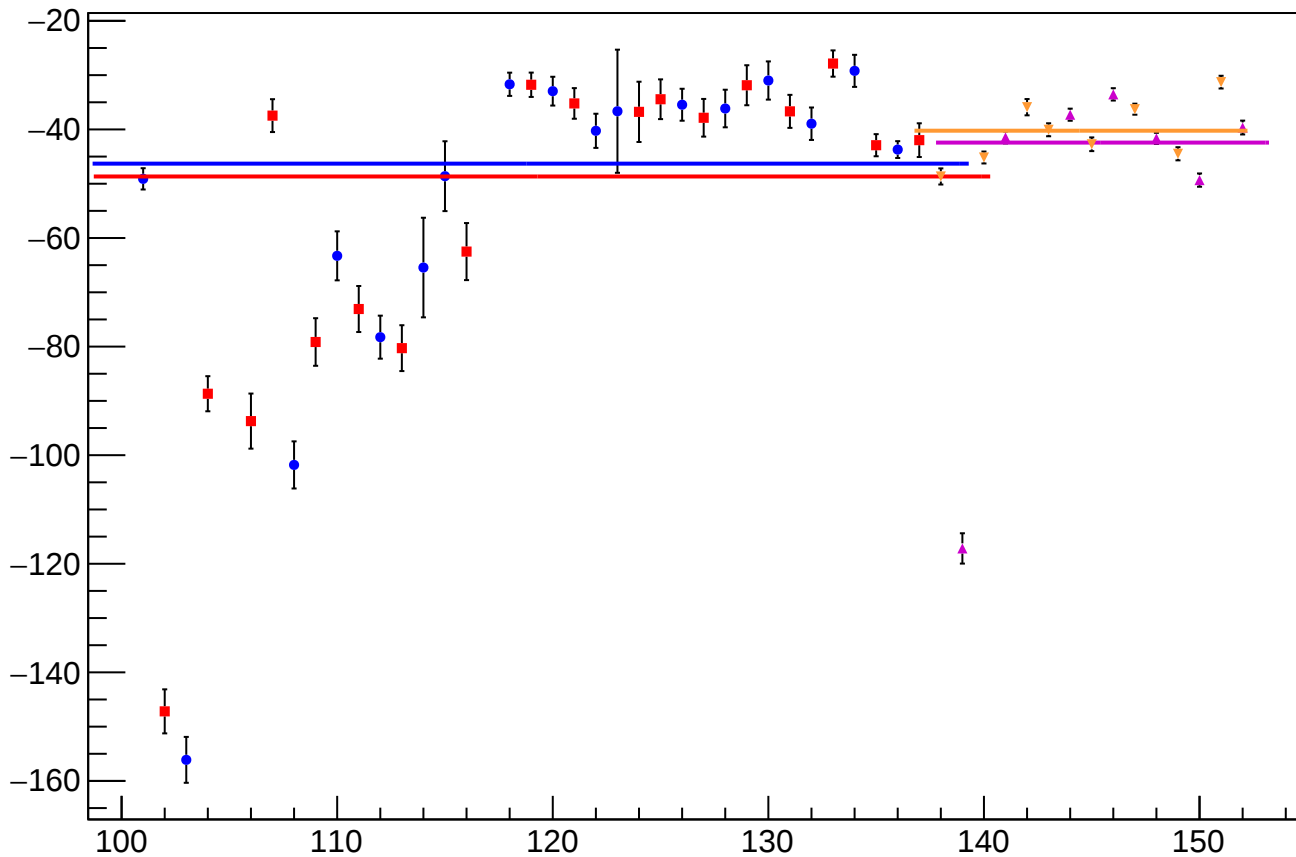
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.991+/-0.644 χ^2/NDF : 238.4/6

Out: -39.342+/-0.611 χ^2/NDF : 83.5/7

All: -36.808+/-0.443 χ^2/NDF : 358.3/14

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.234 ± 0.429 $\chi^2/\text{NDF}: 150.3/7$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -42.424 ± 0.459 $\chi^2/\text{NDF}: 836.9/6$

Left: -41.256 ± 0.313 $\chi^2/\text{NDF}: 999.4/14$

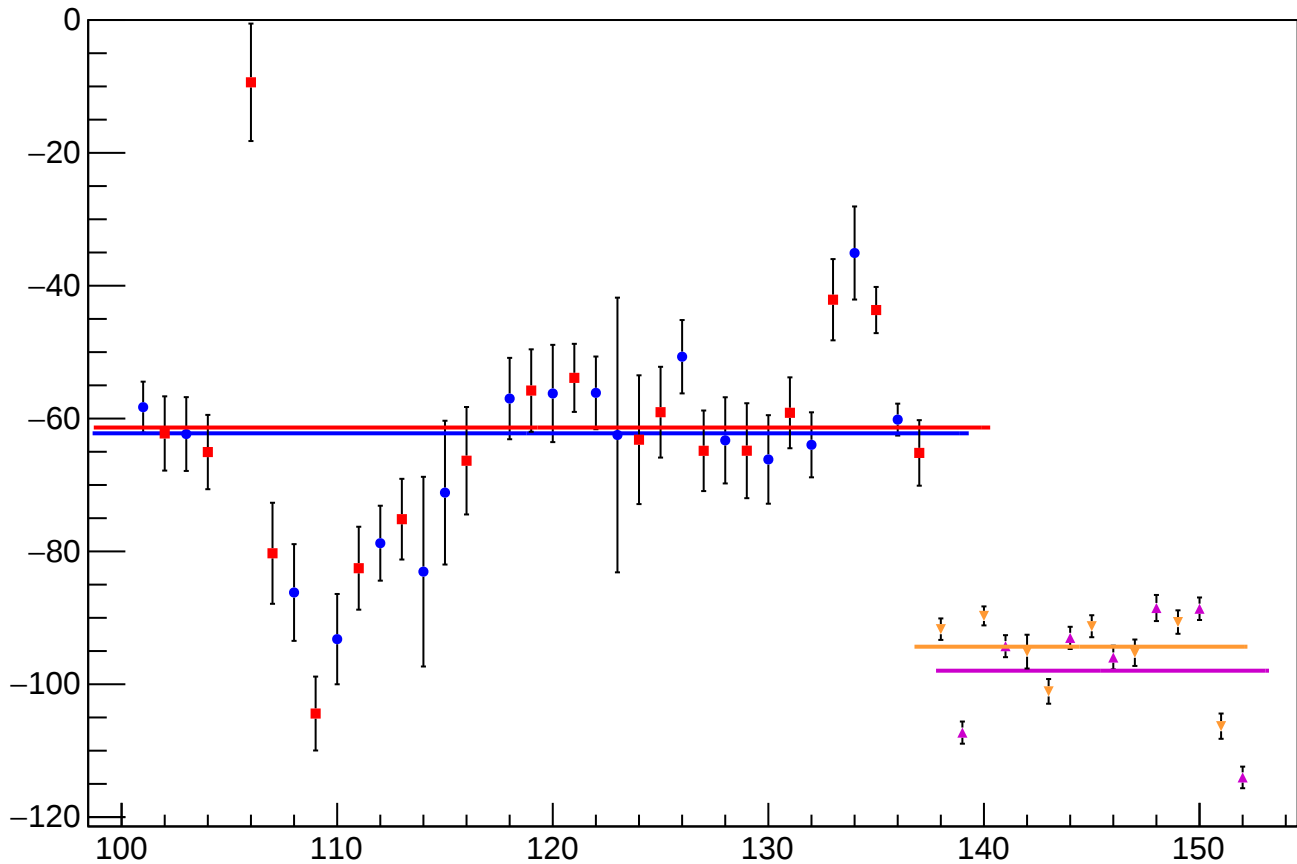
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -43.537 ± 0.388 $\chi^2/\text{NDF}: 1941.4/23$

Out: -42.259 ± 0.374 $\chi^2/\text{NDF}: 1455.3/25$

All: -42.875 ± 0.269 $\chi^2/\text{NDF}: 3402.3/49$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -94.345 ± 0.629 χ^2/NDF : 74.0/7

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -97.958 ± 0.648 χ^2/NDF : 197.2/6

Left: -96.097 ± 0.451 χ^2/NDF : 287.2/14

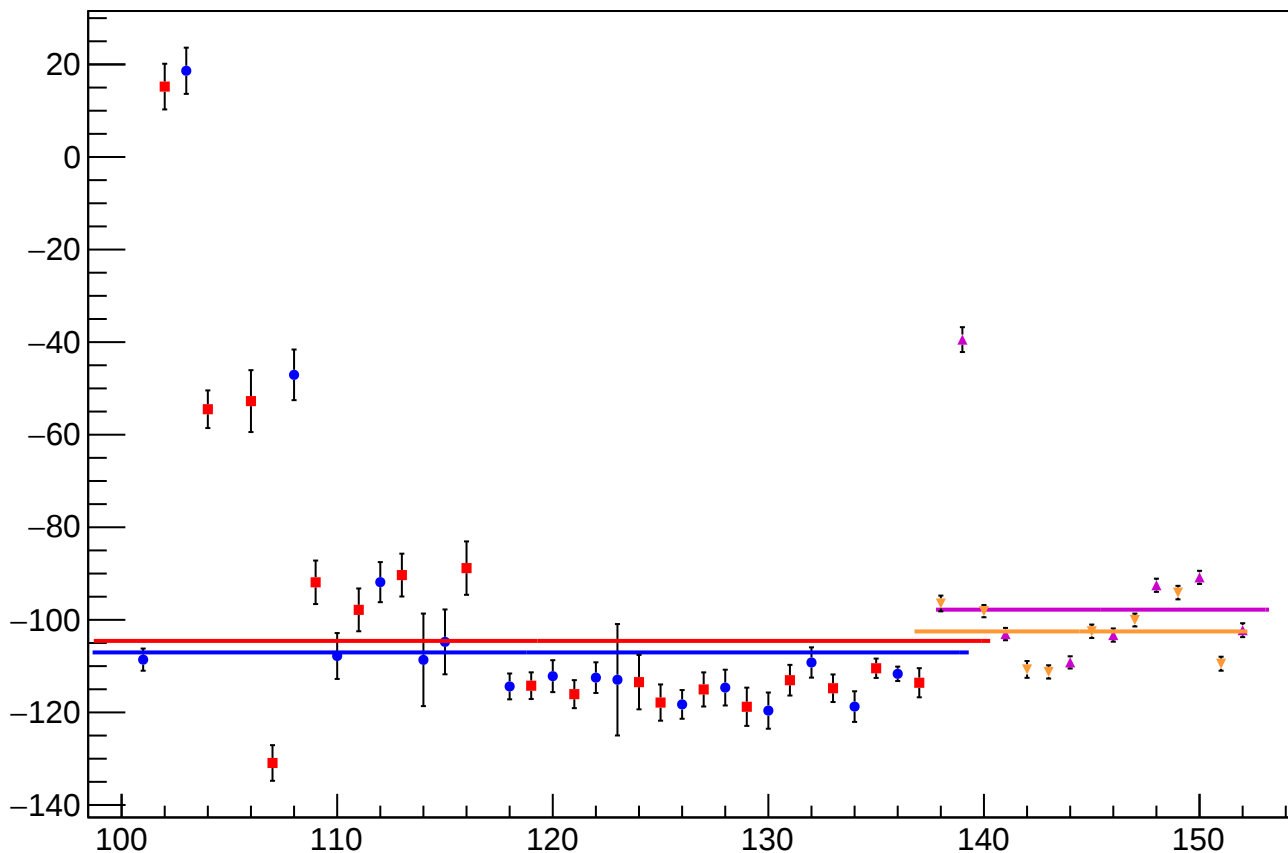
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -90.948 ± 0.581 χ^2/NDF : 861.2/23

Out: -88.695 ± 0.572 χ^2/NDF : 704.2/25

All: -89.805 ± 0.408 χ^2/NDF : 1573.1/49

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: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -97.800 ± 0.560 χ^2/NDF : 621.8/6

Left: -100.291 ± 0.384 χ^2/NDF : 797.4/14

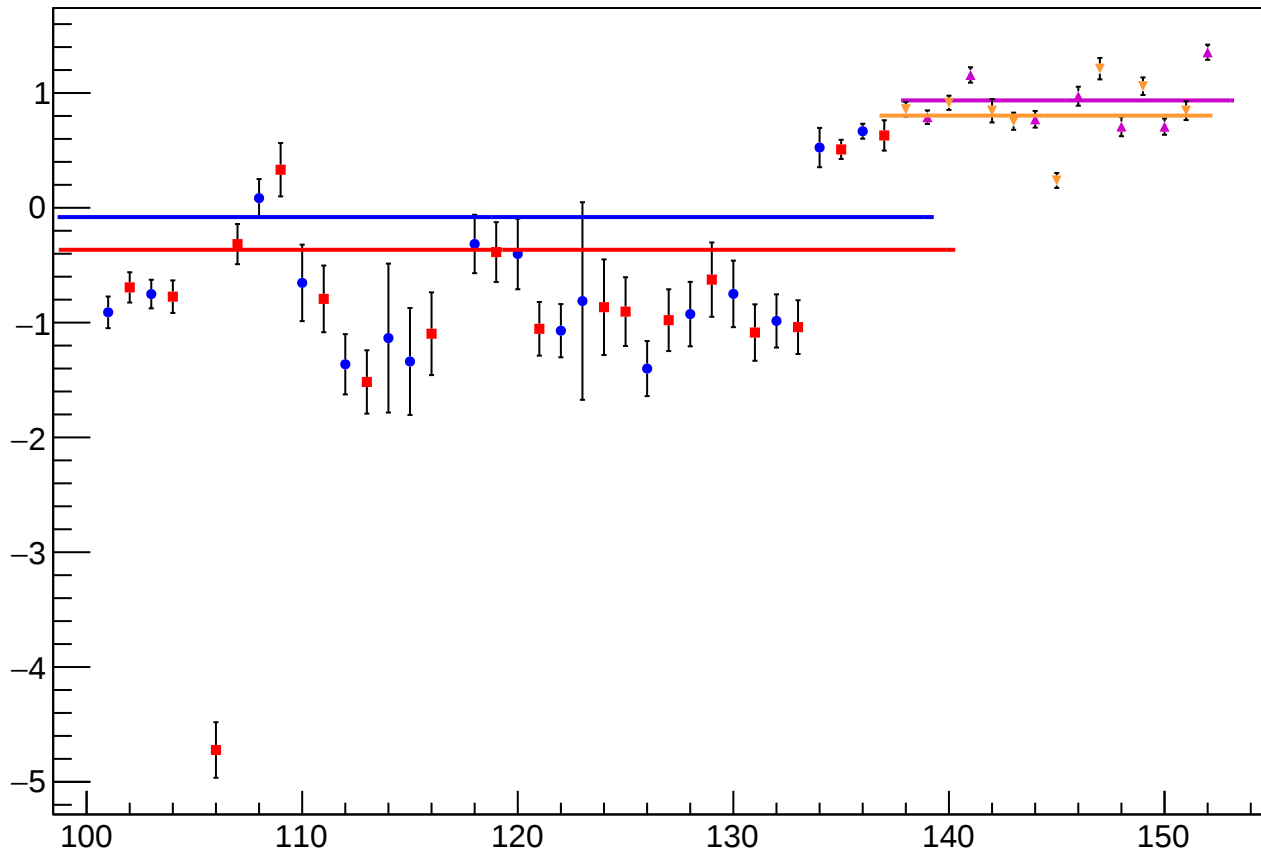
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -100.778 ± 0.461 χ^2/NDF : 1537.4/23

Out: -103.061 ± 0.450 χ^2/NDF : 1109.8/25

All: -101.948 ± 0.322 χ^2/NDF : 2659.7/49

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: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.935 ± 0.027 χ^2/NDF : 80.3/6

Left: 0.869 ± 0.019 χ^2/NDF : 204.0/14

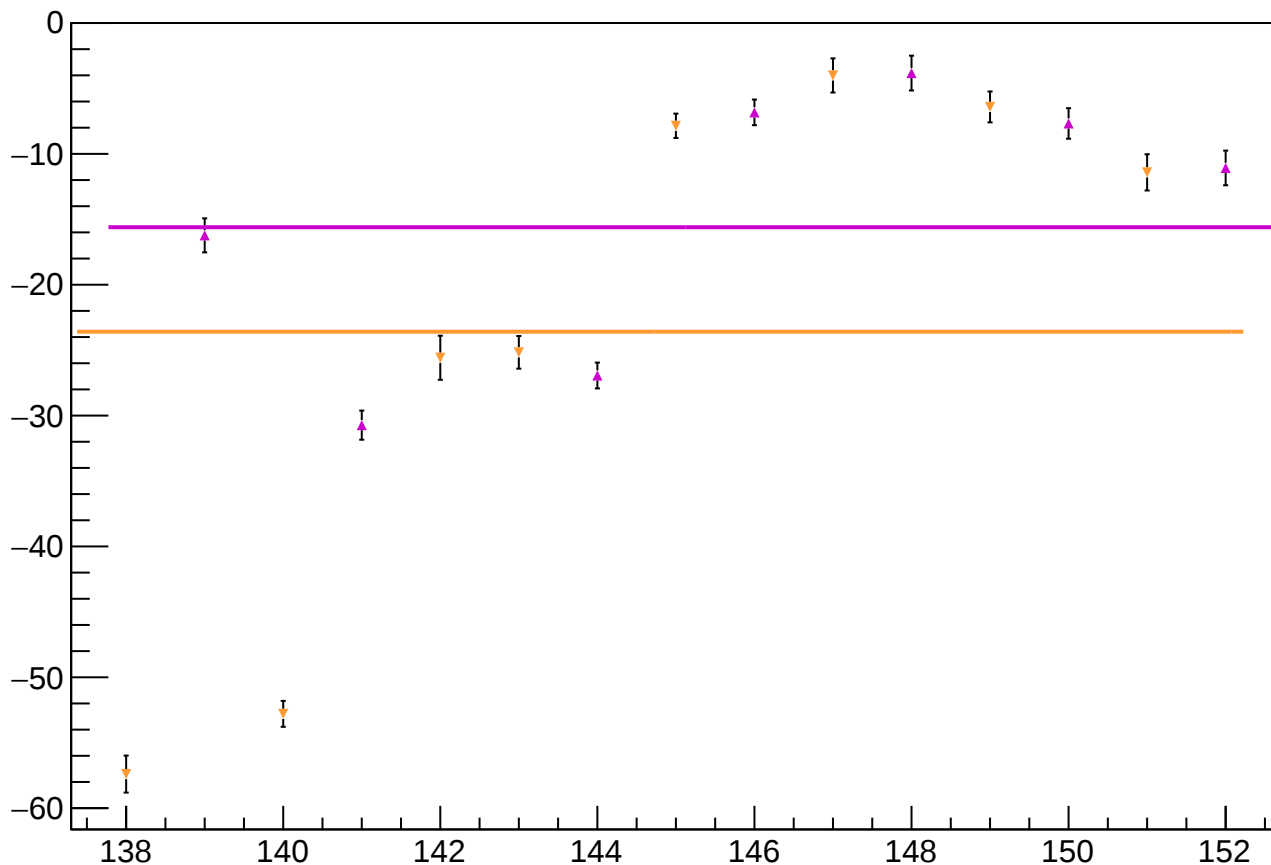
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.647 ± 0.022 χ^2/NDF : 824.5/23

Out: 0.496 ± 0.023 χ^2/NDF : 1204.2/25

All: 0.572 ± 0.016 χ^2/NDF : 2051.0/49

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: -15.606+/-0.433 χ^2/NDF :533.3/6

Left: -19.658+/-0.304 χ^2/NDF : 2951.0/14

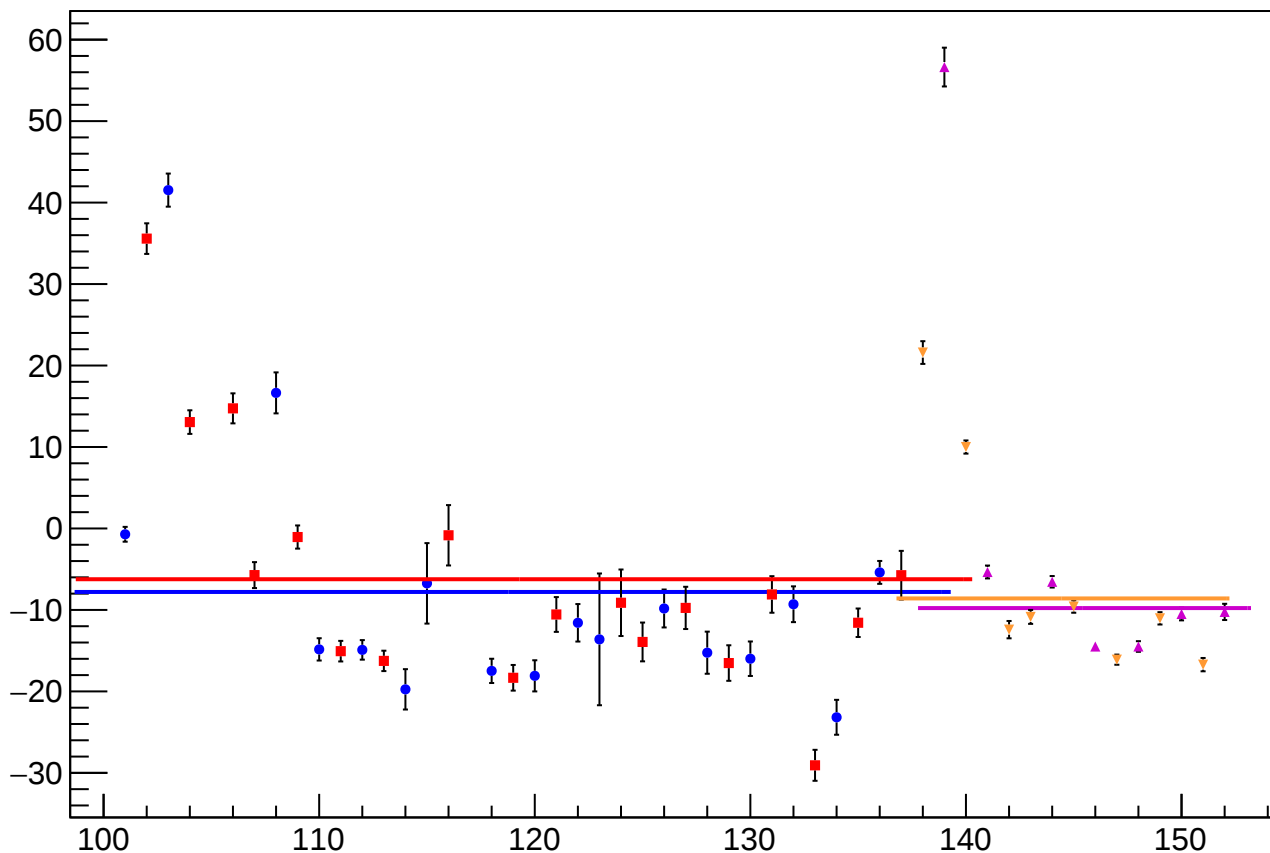
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.606+/-0.433 χ^2/NDF :533.3/6

Out: -23.589+/-0.426 χ^2/NDF :2245.0/7

All: -19.658+/-0.304 χ^2/NDF : 2951.0/14

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$

Left Out: -8.589 ± 0.291 $\chi^2/\text{NDF}: 1274.0/7$

Right Out: -6.231 ± 0.430 $\chi^2/\text{NDF}: 1183.0/17$

Left In: -9.772 ± 0.296 $\chi^2/\text{NDF}: 943.0/6$

Left: -9.170 ± 0.207 $\chi^2/\text{NDF}: 2225.2/14$

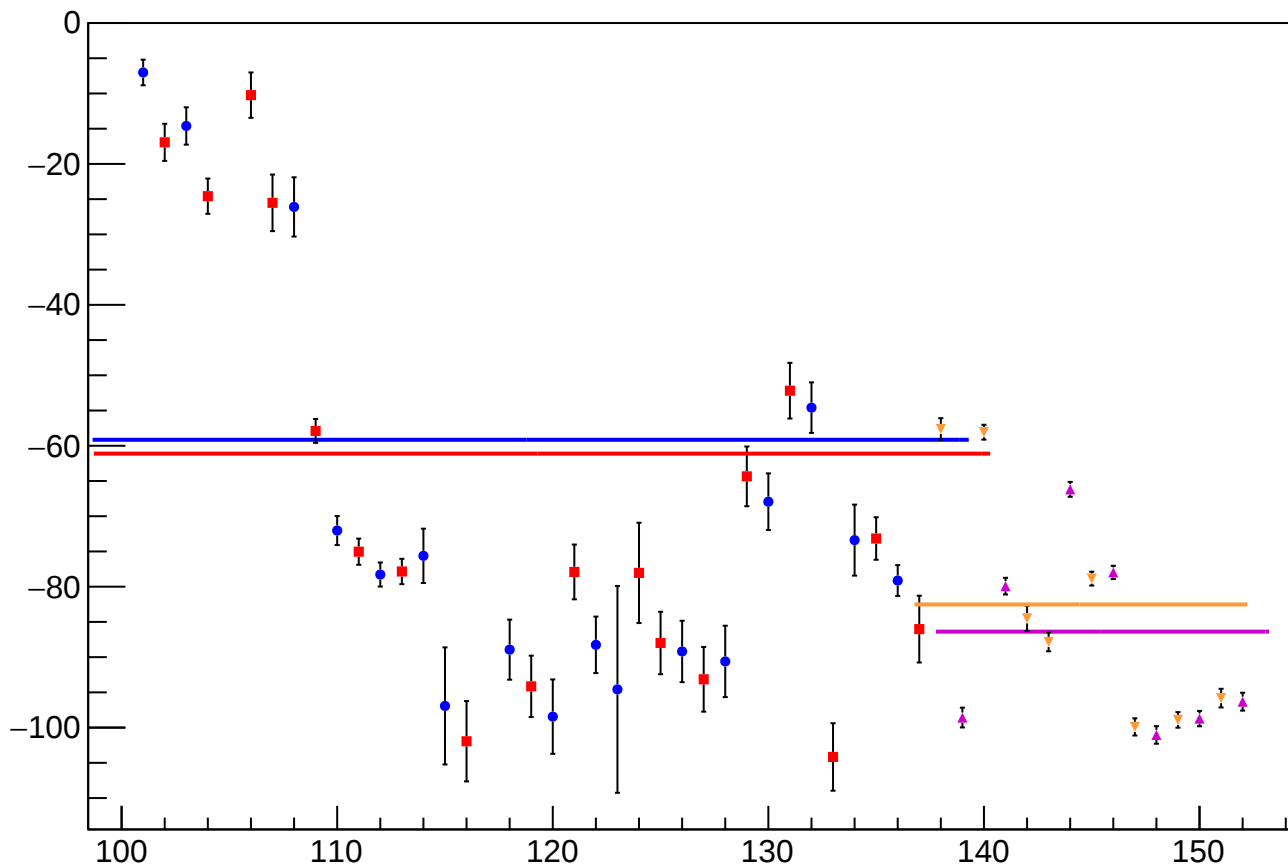
Right: -7.016 ± 0.303 $\chi^2/\text{NDF}: 2172.3/34$

In: -9.132 ± 0.243 $\chi^2/\text{NDF}: 1940.2/23$

Out: -7.849 ± 0.241 $\chi^2/\text{NDF}: 2477.6/25$

All: -8.484 ± 0.171 $\chi^2/\text{NDF}: 4431.9/49$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -82.523 $\pm$ 0.435 χ^2 /NDF:1356.9/7

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -86.381 $\pm$ 0.432 χ^2 /NDF:877.1/6

Left: -84.461 $\pm$ 0.306 χ^2 /NDF: 2273.5/14

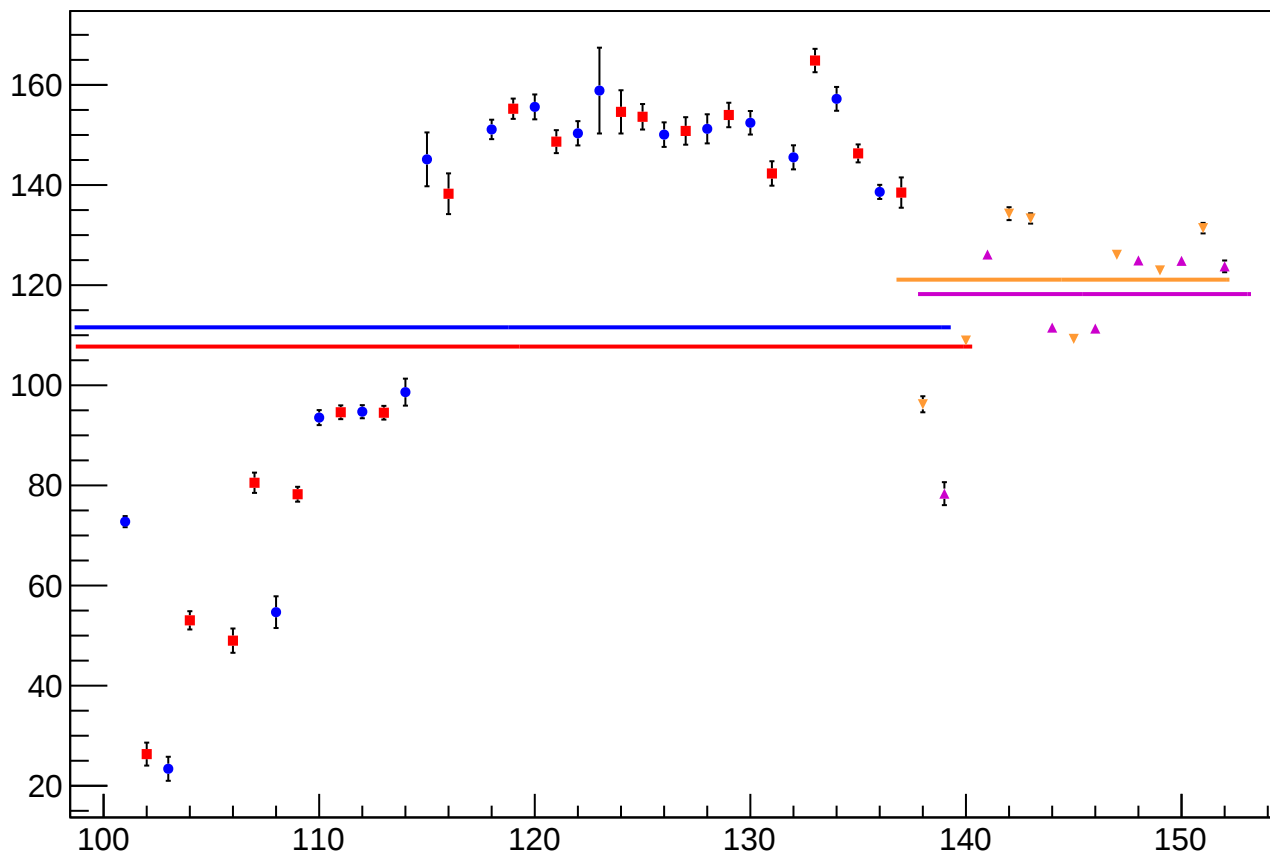
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -79.523 $\pm$ 0.374 χ^2 /NDF:3594.3/23

Out: -76.662 $\pm$ 0.370 χ^2 /NDF:3339.3/25

All: -78.078 $\pm$ 0.263 χ^2 /NDF: 6963.1/49

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 χ^2/NDF : 5946.0/16

Left Out: 121.099 ± 0.359 χ^2/NDF : 958.5/7

Right Out: 107.735 ± 0.489 χ^2/NDF : 6836.2/17

Left In: 118.219 ± 0.364 χ^2/NDF : 645.2/6

Left: 119.678 ± 0.256 χ^2/NDF : 1635.4/14

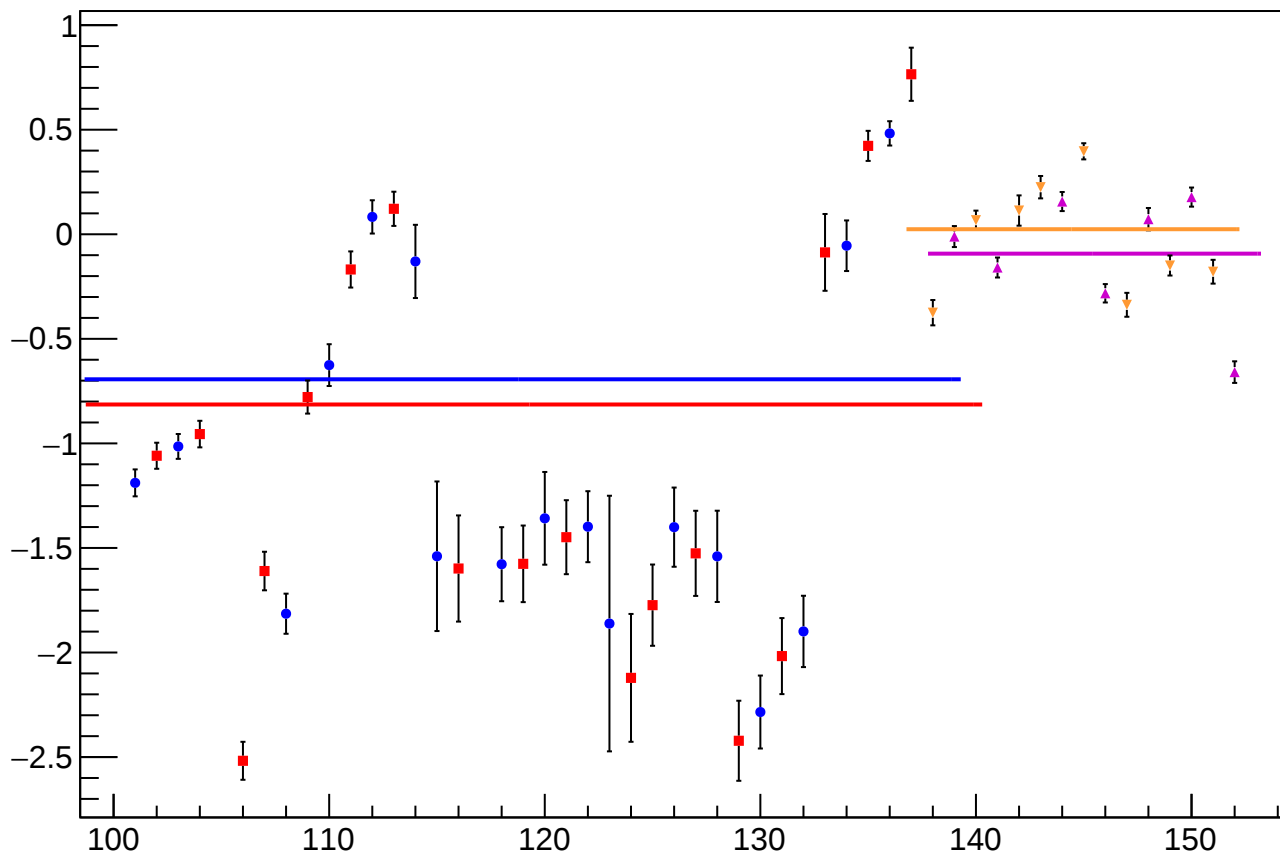
Right: 109.661 ± 0.345 χ^2/NDF : 12813.2/34

In: 115.845 ± 0.292 χ^2/NDF : 6710.3/23

Out: 116.414 ± 0.289 χ^2/NDF : 8280.5/25

All: 116.131 ± 0.205 χ^2/NDF : 14992.7/49

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: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.093 ± 0.018 χ^2/NDF : 217.7/6

Left: -0.035 ± 0.013 χ^2/NDF : 457.2/14

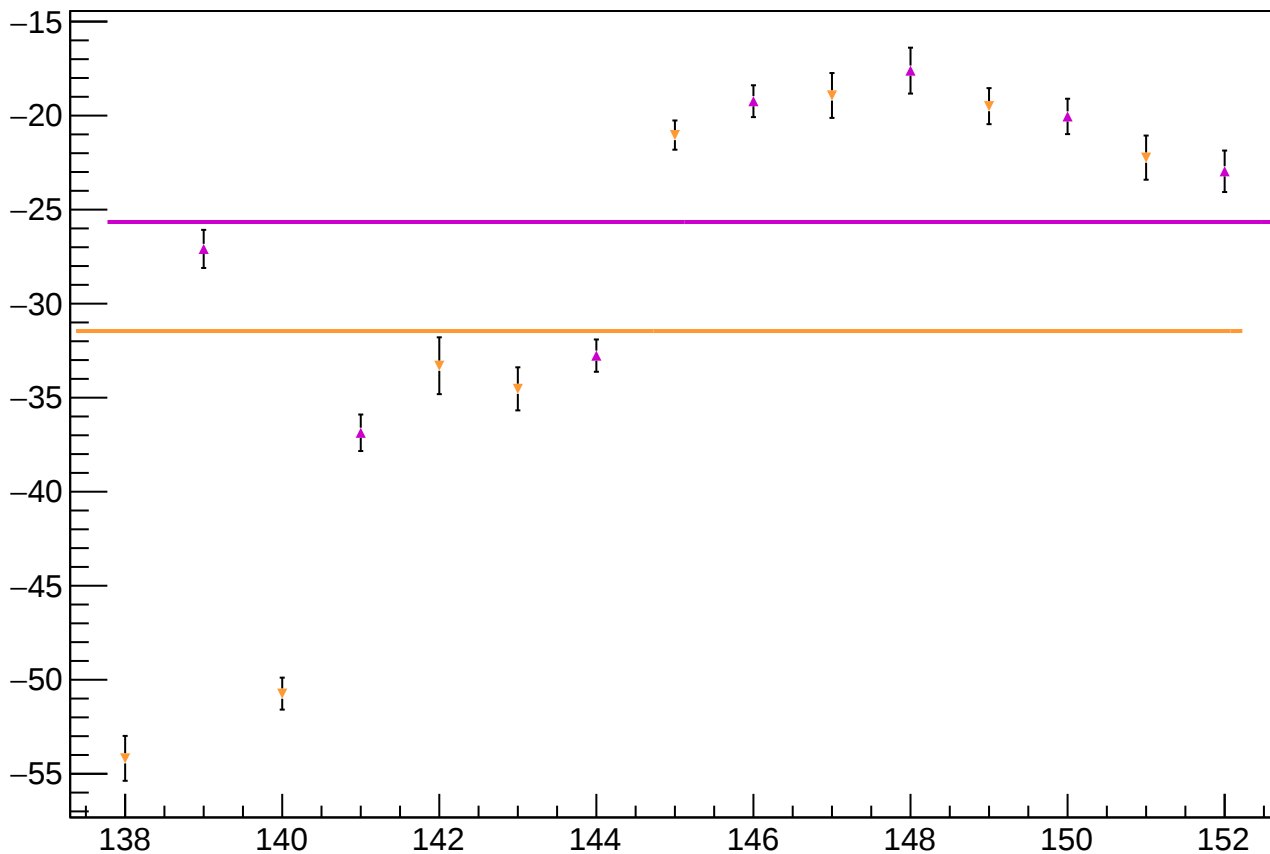
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.292 ± 0.015 χ^2/NDF : 1571.1/23

Out: -0.275 ± 0.015 χ^2/NDF : 2281.7/25

All: -0.283 ± 0.010 χ^2/NDF : 3853.5/49

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



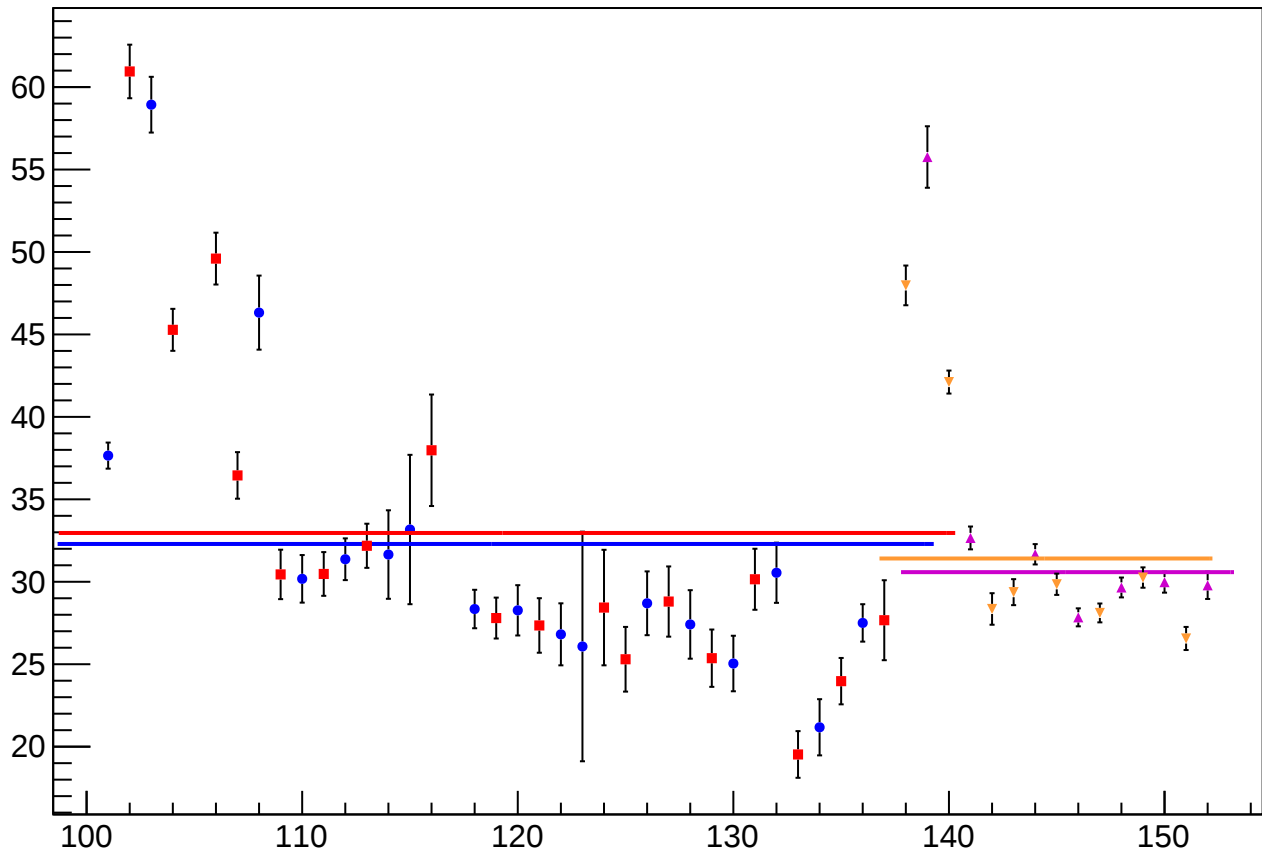
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.456+/-0.366 χ^2/NDF :1393.6/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.658+/-0.367 χ^2/NDF :346.3/6

Left: -28.568+/-0.259 χ^2/NDF : 1864.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.658+/-0.367 χ^2/NDF :346.3/6
 Out: -31.456+/-0.366 χ^2/NDF :1393.6/7

All: -28.568+/-0.259 χ^2/NDF : 1864.8/14

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.412 ± 0.253 $\chi^2/\text{NDF}: 532.1/7$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 30.584 ± 0.258 $\chi^2/\text{NDF}: 223.7/6$

Left: 31.005 ± 0.181 $\chi^2/\text{NDF}: 761.0/14$

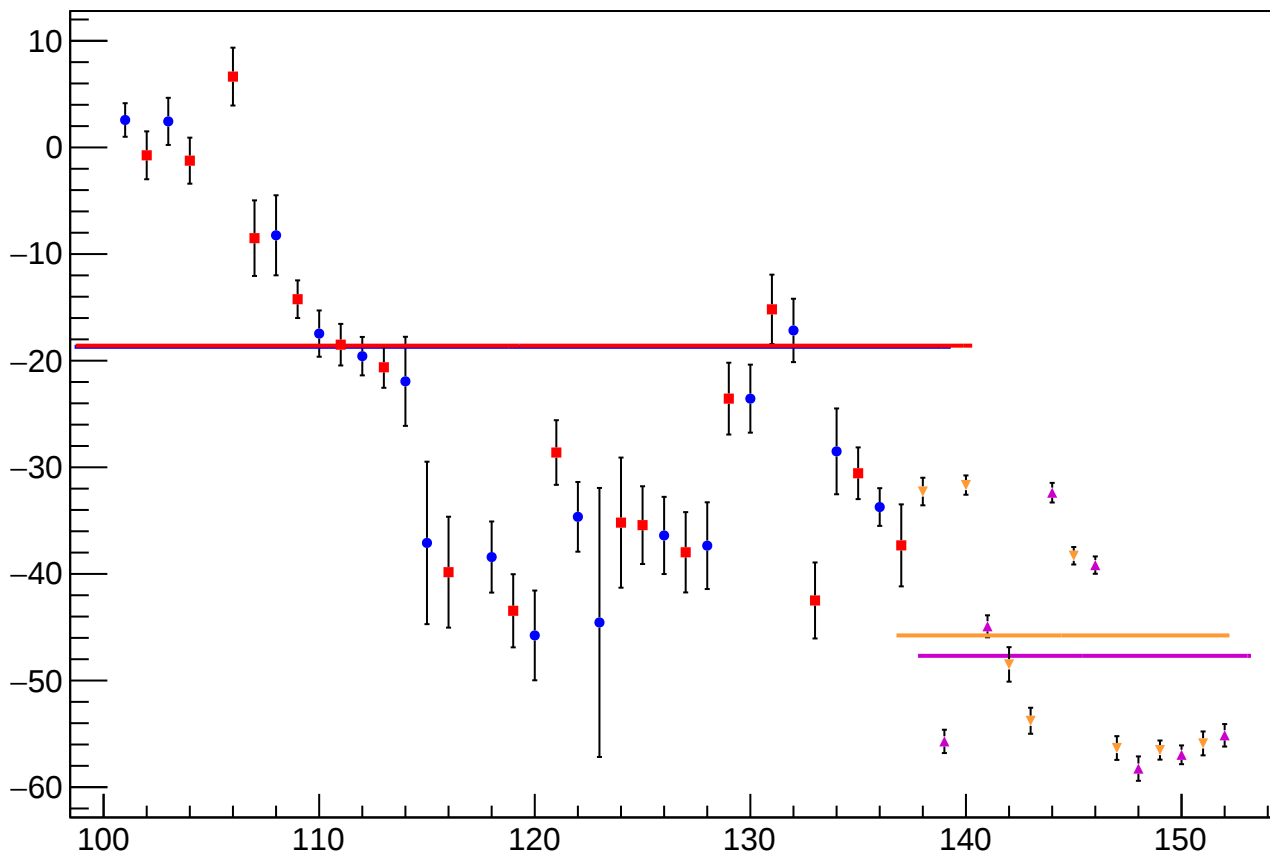
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.136 ± 0.212 $\chi^2/\text{NDF}: 690.4/23$

Out: 31.889 ± 0.211 $\chi^2/\text{NDF}: 1267.6/25$

All: 31.515 ± 0.150 $\chi^2/\text{NDF}: 1964.3/49$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -45.768 ± 0.373 $\chi^2/\text{NDF}: 795.8/7$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -47.683 ± 0.367 $\chi^2/\text{NDF}: 692.9/6$

Left: -46.739 ± 0.262 $\chi^2/\text{NDF}: 1502.1/14$

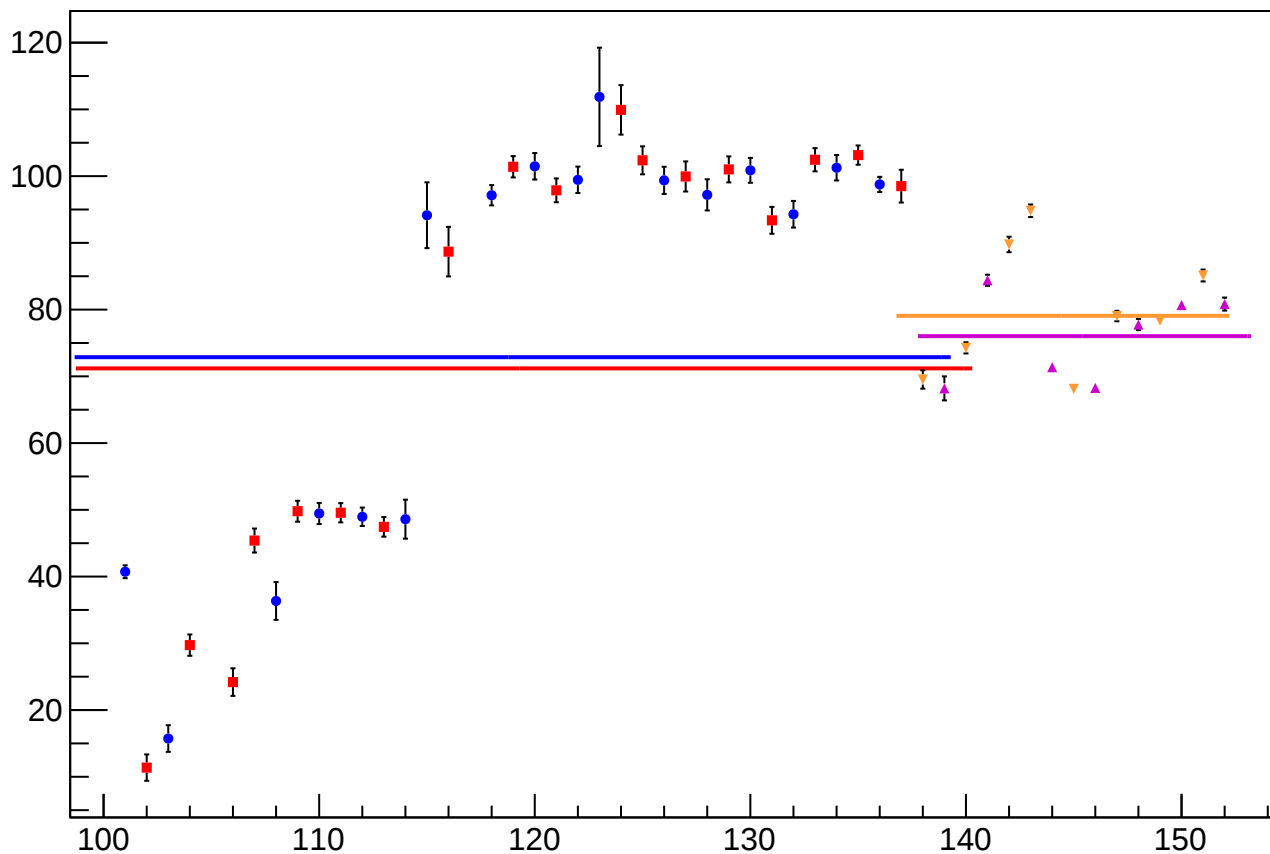
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -40.933 ± 0.322 $\chi^2/\text{NDF}: 2662.6/23$

Out: -39.009 ± 0.323 $\chi^2/\text{NDF}: 2580.5/25$

All: -39.975 ± 0.228 $\chi^2/\text{NDF}: 5260.9/49$

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: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 76.021 $\pm$ 0.314 χ^2 /NDF: 361.3/6

Left: 77.558 $\pm$ 0.221 χ^2 /NDF: 1117.3/14

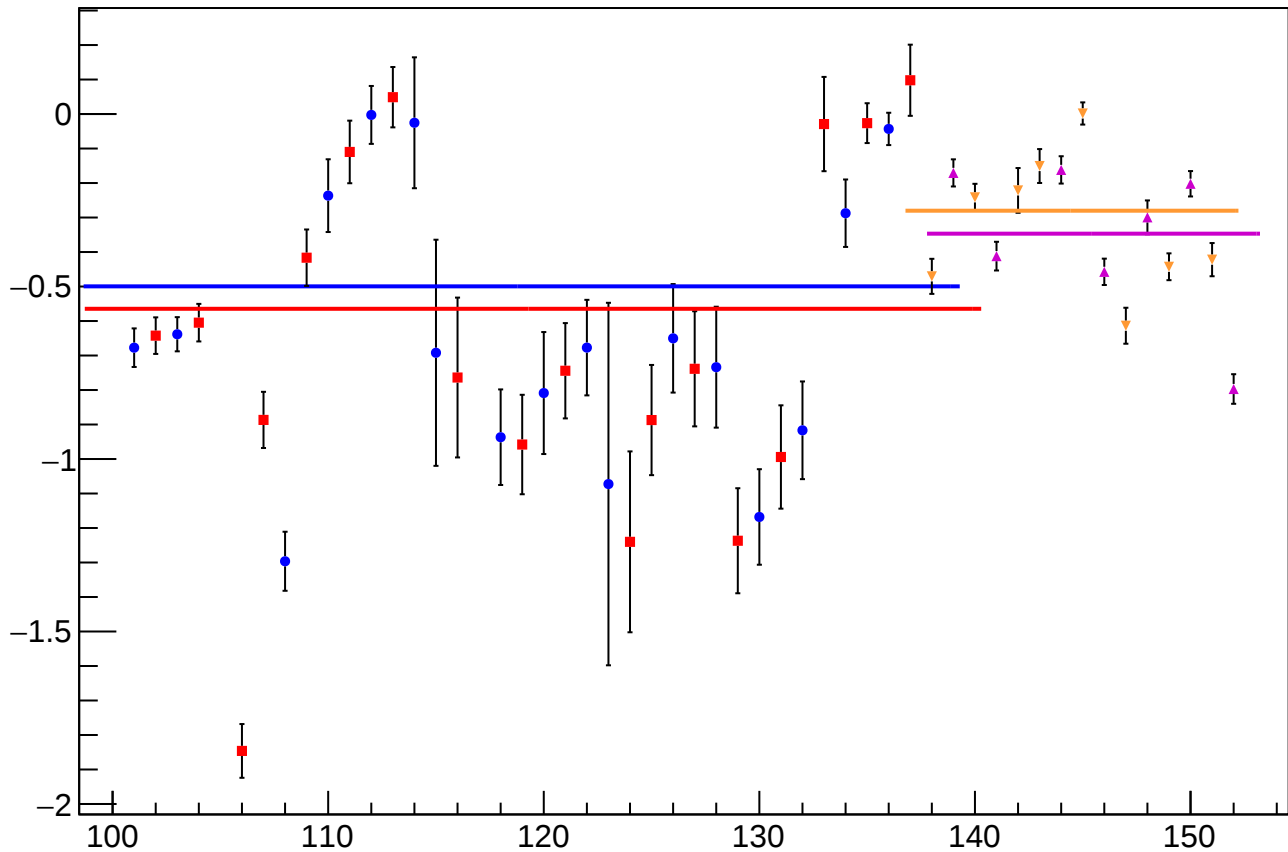
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.914 $\pm$ 0.253 χ^2 /NDF: 5123.8/23

Out: 76.393 $\pm$ 0.253 χ^2 /NDF: 6301.2/25

All: 75.653 $\pm$ 0.179 χ^2 /NDF: 11442.1/49

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: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.347 ± 0.015 χ^2/NDF : 179.2/6

Left: -0.314 ± 0.011 χ^2/NDF : 355.1/14

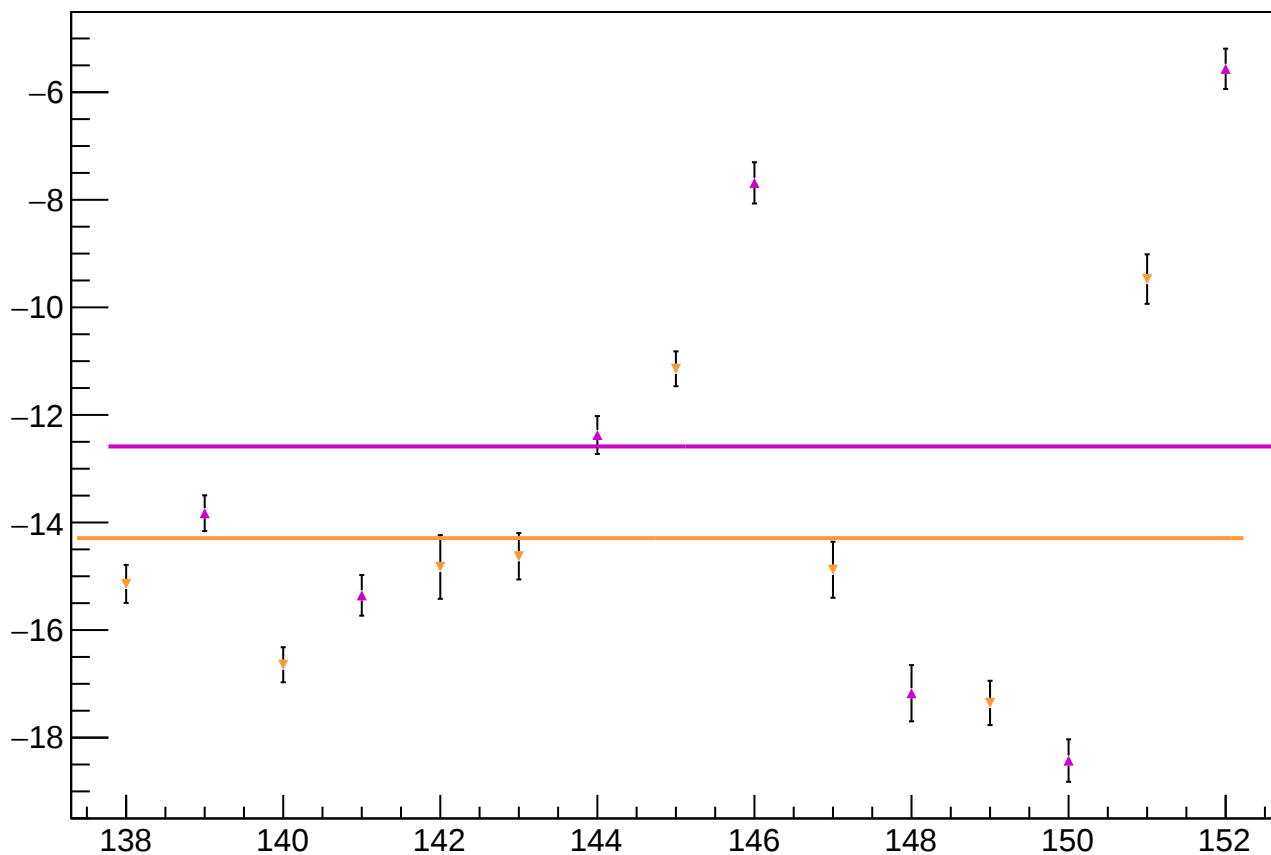
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.396 ± 0.013 χ^2/NDF : 513.7/23

Out: -0.378 ± 0.013 χ^2/NDF : 840.3/25

All: -0.387 ± 0.009 χ^2/NDF : 1354.9/49

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: -12.586+/-0.144 χ^2/NDF :877.1/6

Left: -13.450+/-0.101 χ^2/NDF : 1267.8/14

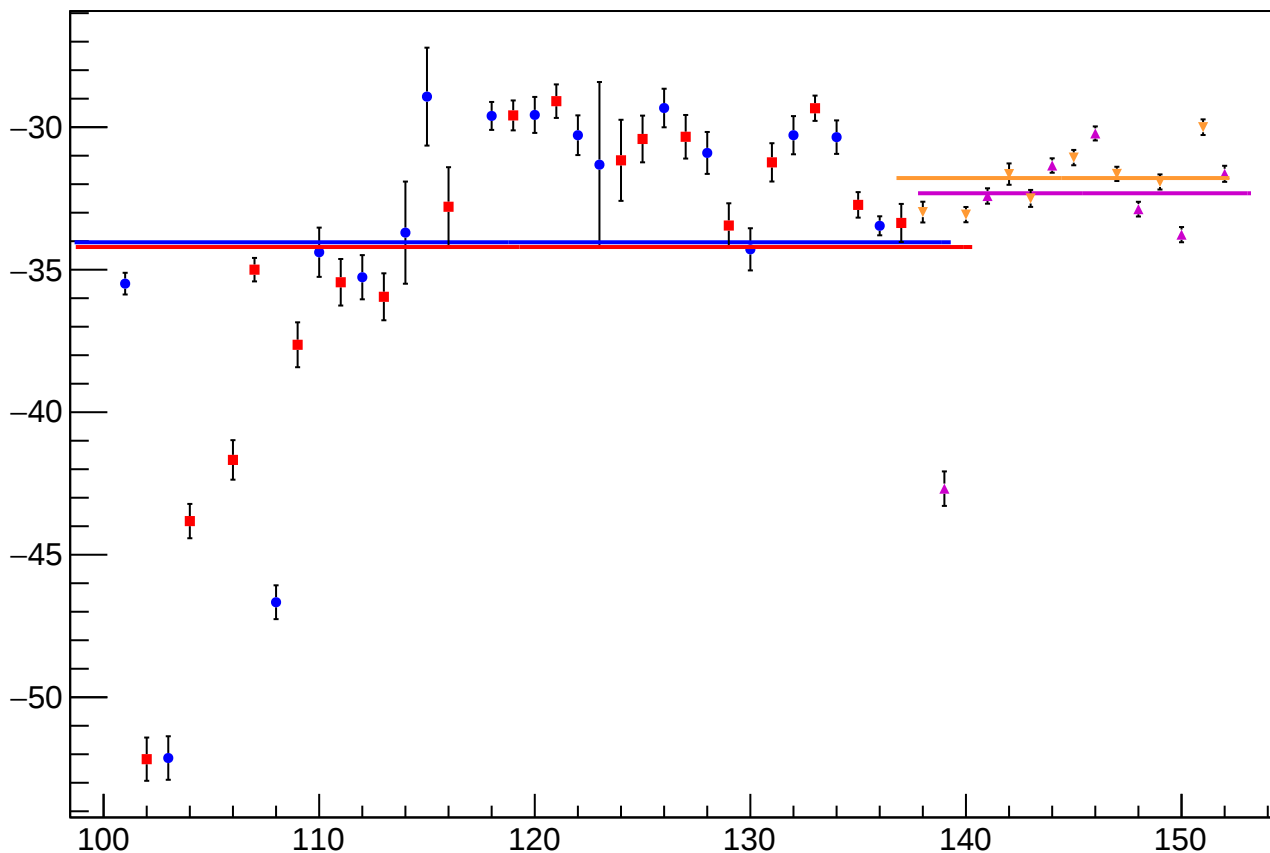
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.586+/-0.144 χ^2/NDF :877.1/6

Out: -14.291+/-0.142 χ^2/NDF :319.9/7

All: -13.450+/-0.101 χ^2/NDF : 1267.8/14

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.785 ± 0.101 χ^2/NDF : 89.6/7

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -32.318 ± 0.105 χ^2/NDF : 420.5/6

Left: -32.041 ± 0.073 χ^2/NDF : 523.4/14

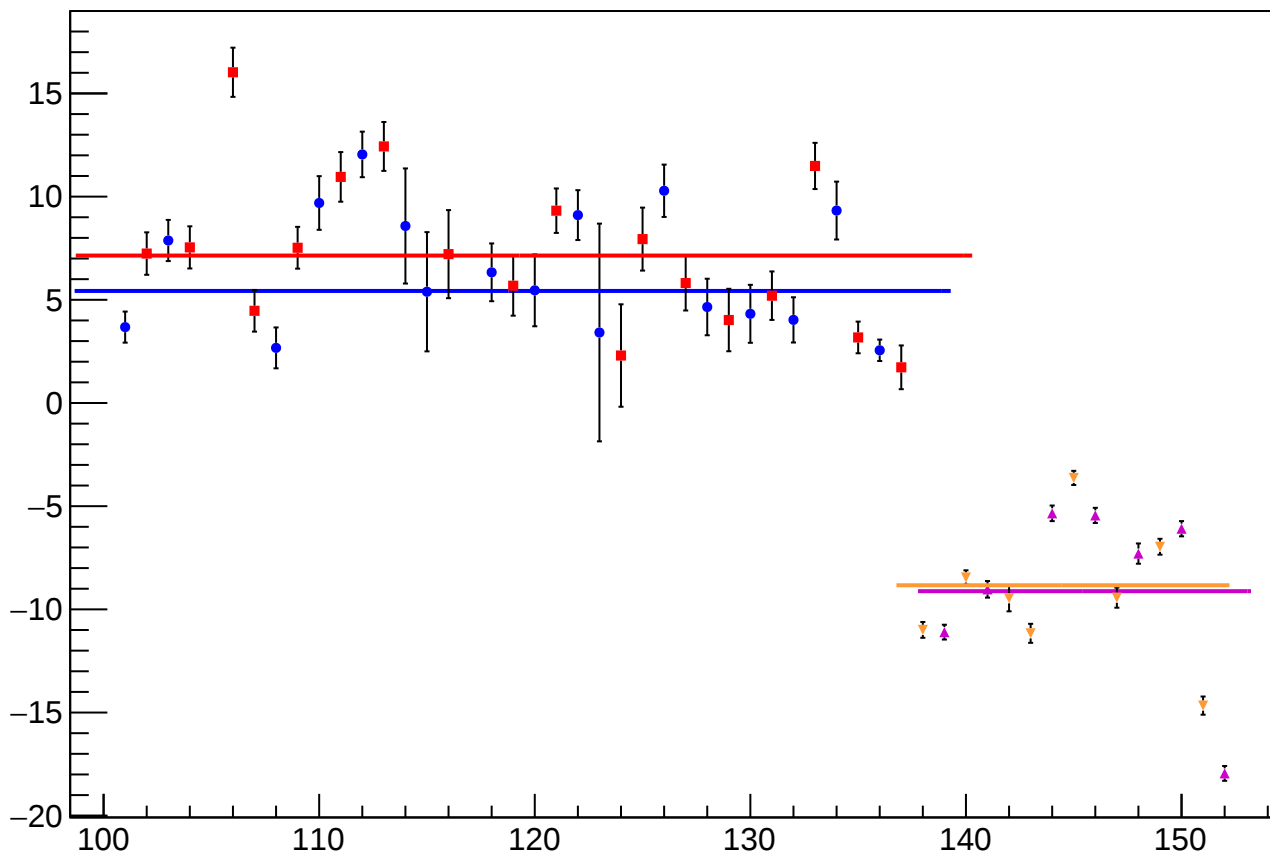
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.882 ± 0.086 χ^2/NDF : 1850.7/23

Out: -32.538 ± 0.084 χ^2/NDF : 1587.7/25

All: -32.706 ± 0.060 χ^2/NDF : 3446.5/49

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.832 ± 0.146 $\chi^2/\text{NDF}: 490.0/7$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -9.119 ± 0.145 $\chi^2/\text{NDF}: 915.7/6$

Left: -8.976 ± 0.103 $\chi^2/\text{NDF}: 1407.7/14$

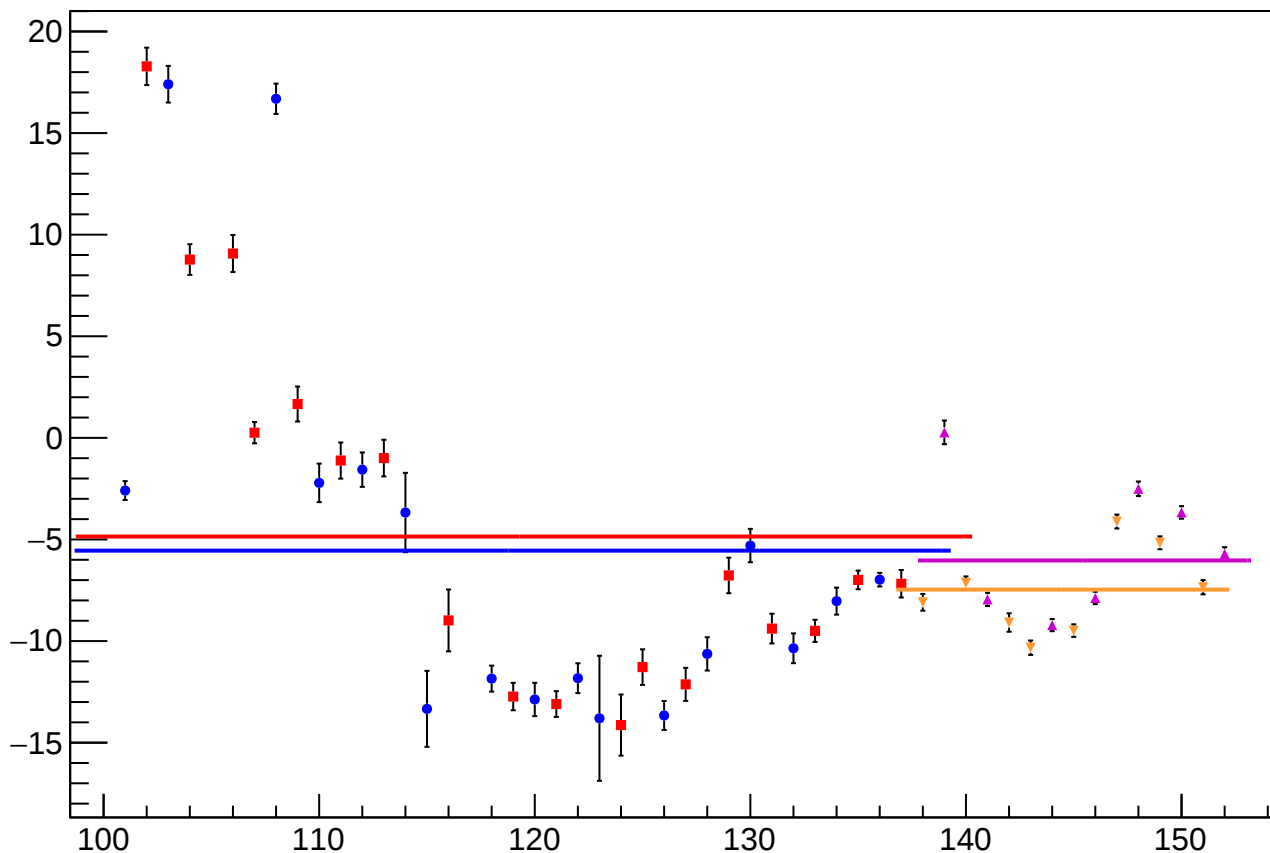
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -5.861 ± 0.128 $\chi^2/\text{NDF}: 3303.3/23$

Out: -5.320 ± 0.129 $\chi^2/\text{NDF}: 3302.4/25$

All: -5.593 ± 0.091 $\chi^2/\text{NDF}: 6614.6/49$

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: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.033 ± 0.127 χ^2/NDF : 457.9/6

Left: -6.770 ± 0.089 χ^2/NDF : 794.1/14

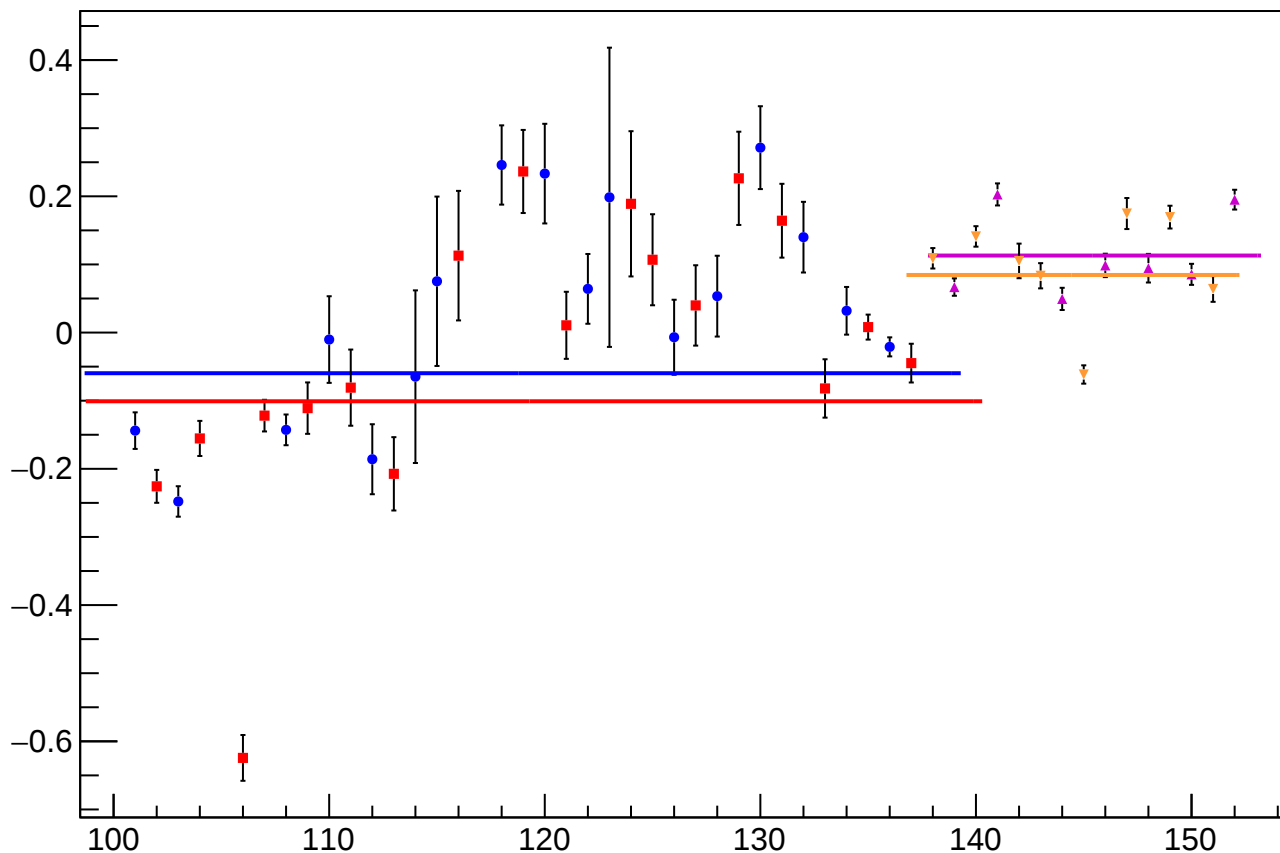
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.860 ± 0.102 χ^2/NDF : 2589.6/23

Out: -6.581 ± 0.101 χ^2/NDF : 2435.1/25

All: -6.224 ± 0.072 χ^2/NDF : 5050.1/49

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: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.113 ± 0.006 χ^2/NDF : 95.7/6

Left: 0.099 ± 0.004 χ^2/NDF : 285.1/14

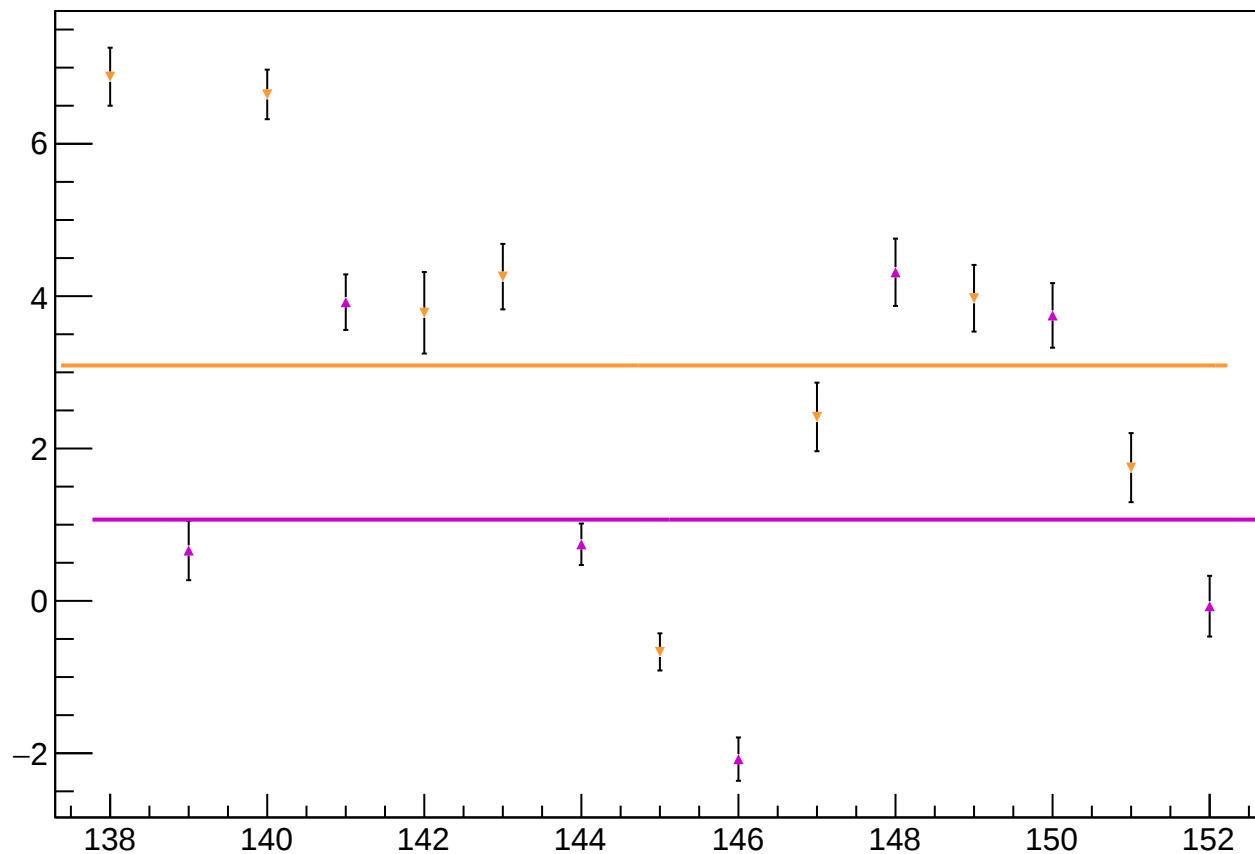
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.055 ± 0.005 χ^2/NDF : 594.2/23

Out: 0.021 ± 0.005 χ^2/NDF : 924.6/25

All: 0.039 ± 0.003 χ^2/NDF : 1542.9/49

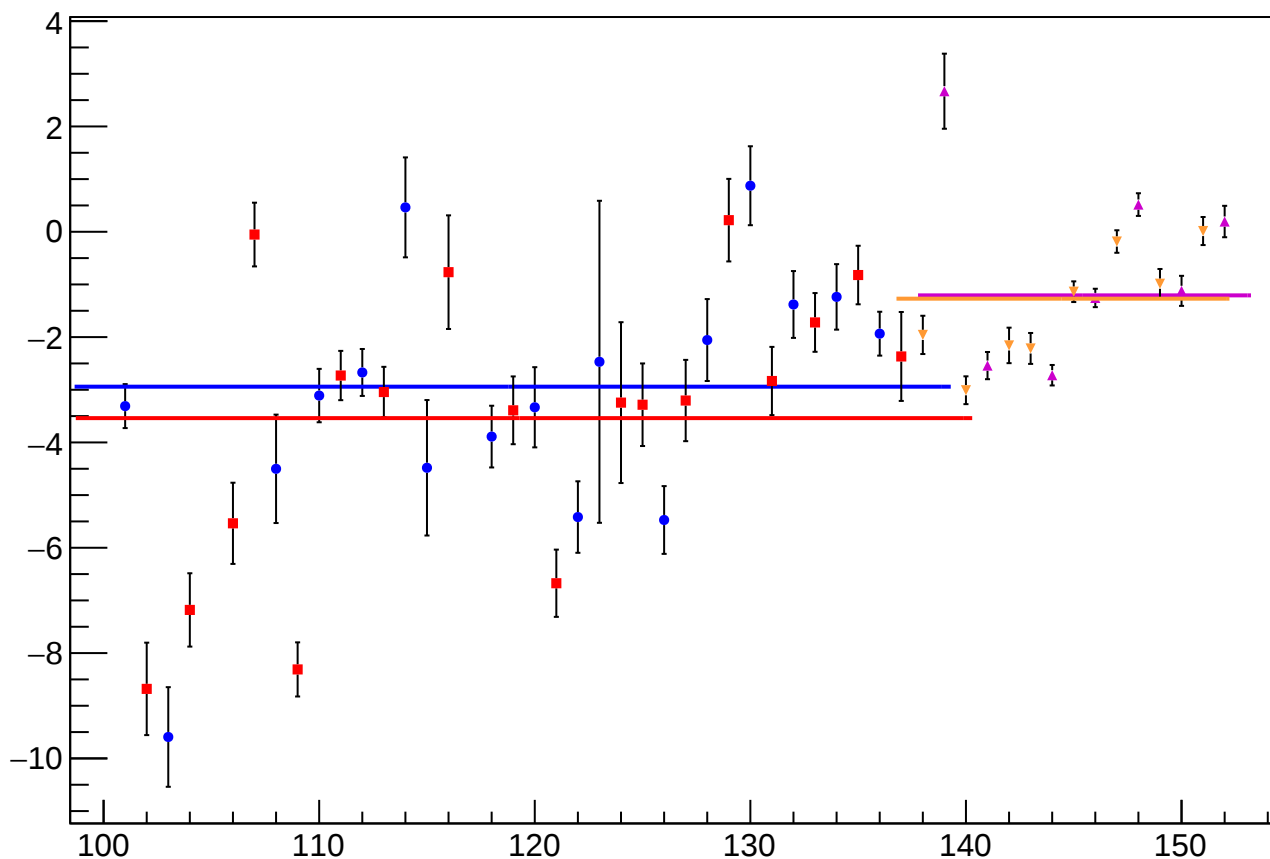
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6

Left: 2.080 $\pm$ 0.094 χ^2 /NDF: 885.2/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6
 Out: 3.090 $\pm$ 0.132 χ^2 /NDF:480.5/7
 All: 2.080 $\pm$ 0.094 χ^2 /NDF: 885.2/14

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.270 ± 0.092 χ^2/NDF : 114.7/7

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.208 ± 0.091 χ^2/NDF : 203.3/6

Left: -1.238 ± 0.065 χ^2/NDF : 318.3/14

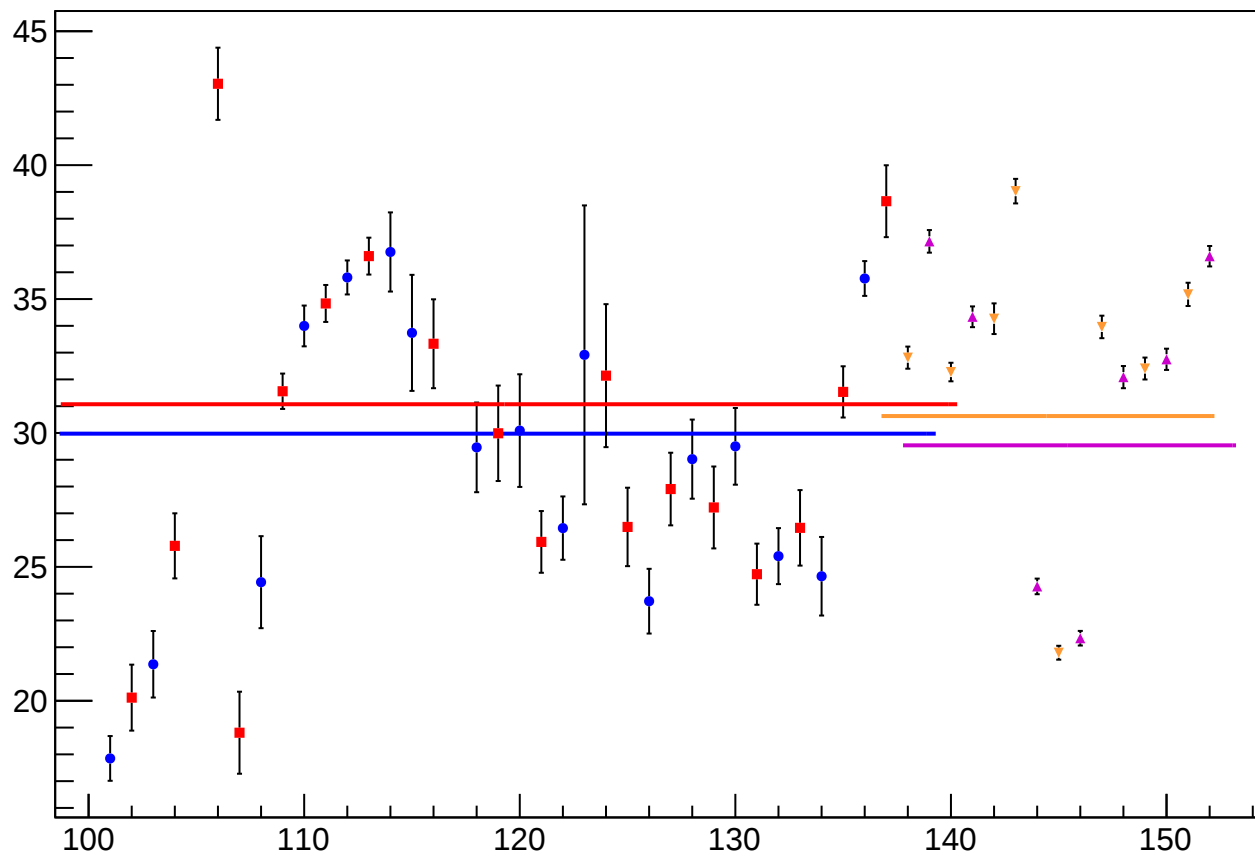
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.654 ± 0.078 χ^2/NDF : 442.7/23

Out: -1.868 ± 0.079 χ^2/NDF : 556.8/25

All: -1.759 ± 0.056 χ^2/NDF : 1003.2/49

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: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 29.538 $\pm$ 0.133 χ^2 /NDF:1946.7/6

Left: 30.071 $\pm$ 0.095 χ^2 /NDF: 3754.9/14

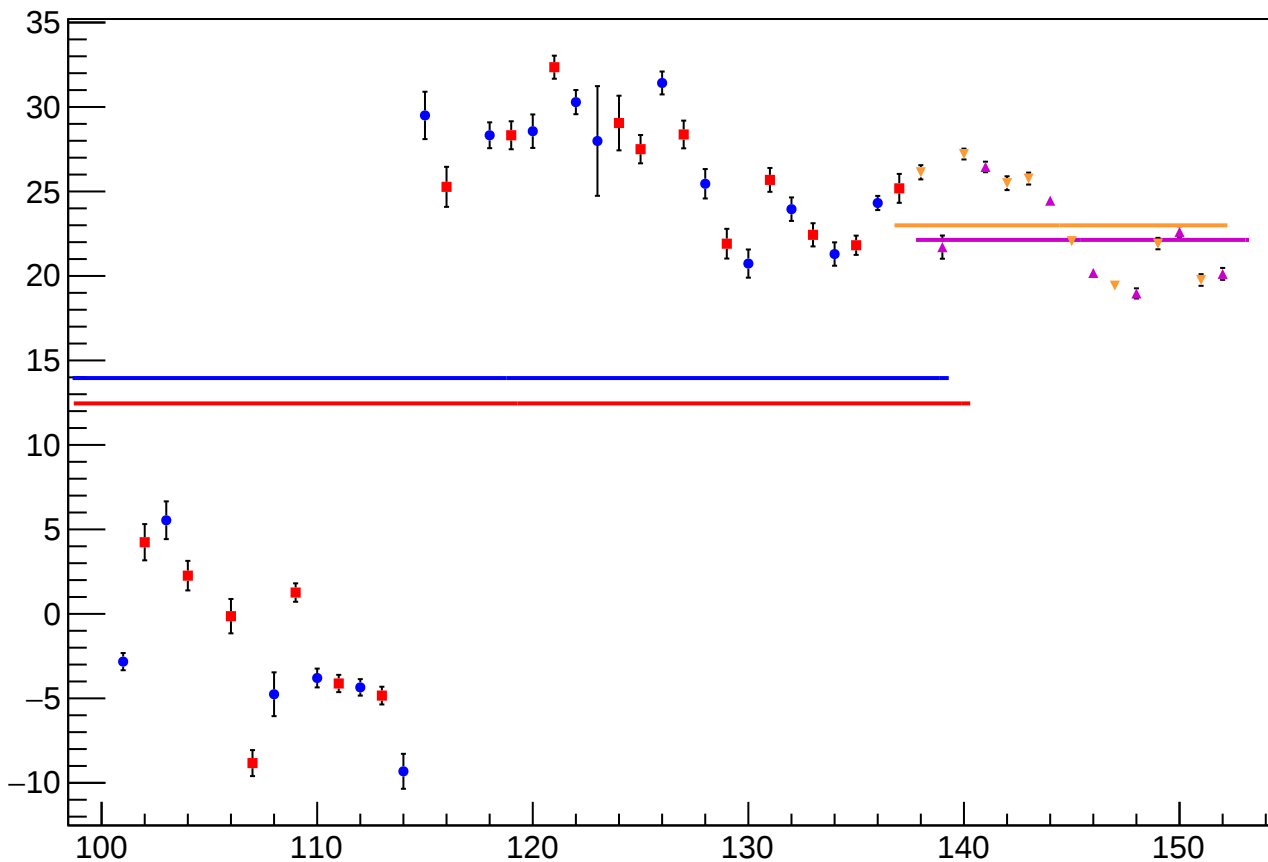
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 29.625 $\pm$ 0.119 χ^2 /NDF:2502.8/23

Out: 30.727 $\pm$ 0.121 χ^2 /NDF:2230.8/25

All: 30.168 $\pm$ 0.085 χ^2 /NDF: 4775.8/49

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: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.133 $\pm$ 0.112 χ^2 /NDF: 518.2/6

Left: 22.557 $\pm$ 0.080 χ^2 /NDF: 1138.0/14

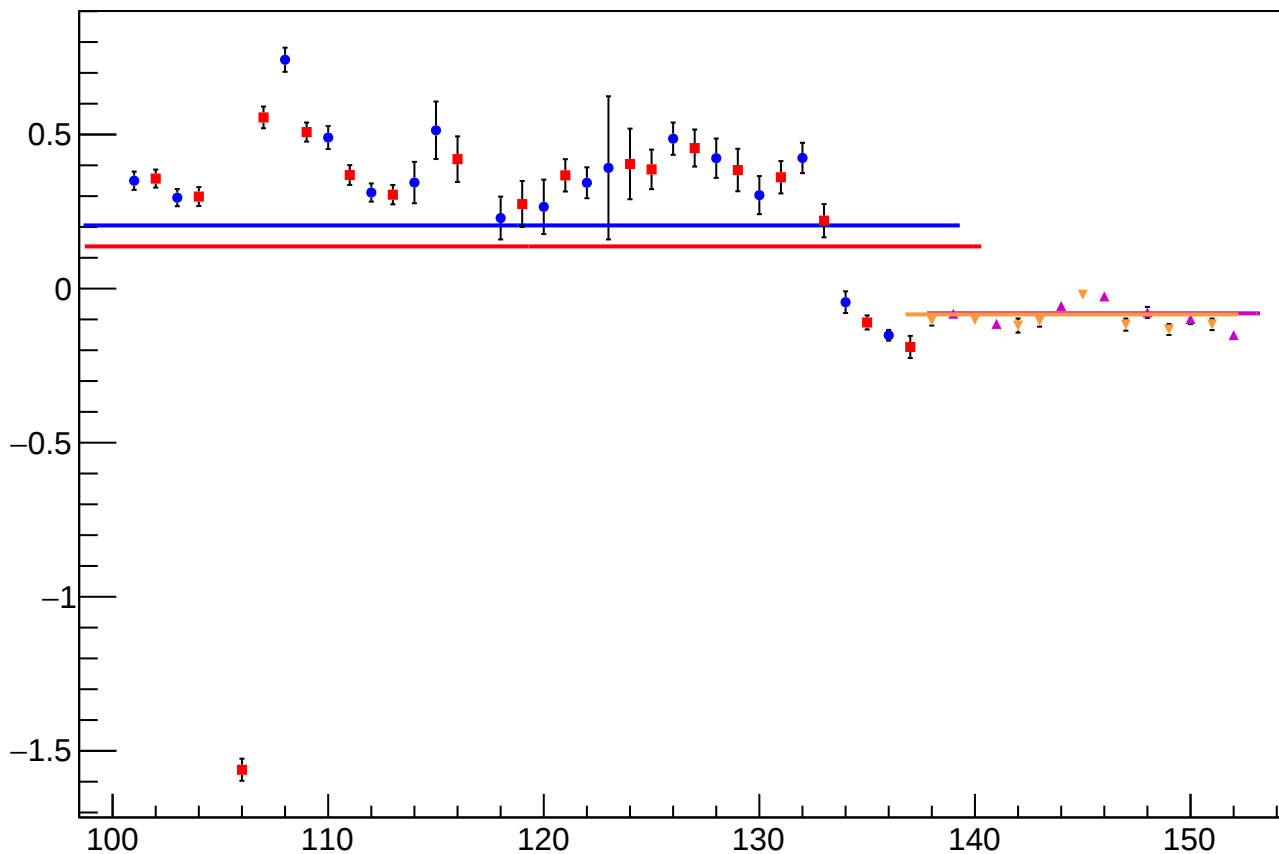
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.712 $\pm$ 0.094 χ^2 /NDF: 9451.8/23

Out: 19.841 $\pm$ 0.095 χ^2 /NDF: 10147.9/25

All: 19.776 $\pm$ 0.067 χ^2 /NDF: 19600.7/49

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: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.080 ± 0.006 $\chi^2/\text{NDF}: 49.4/6$

Left: -0.082 ± 0.004 $\chi^2/\text{NDF}: 109.1/14$

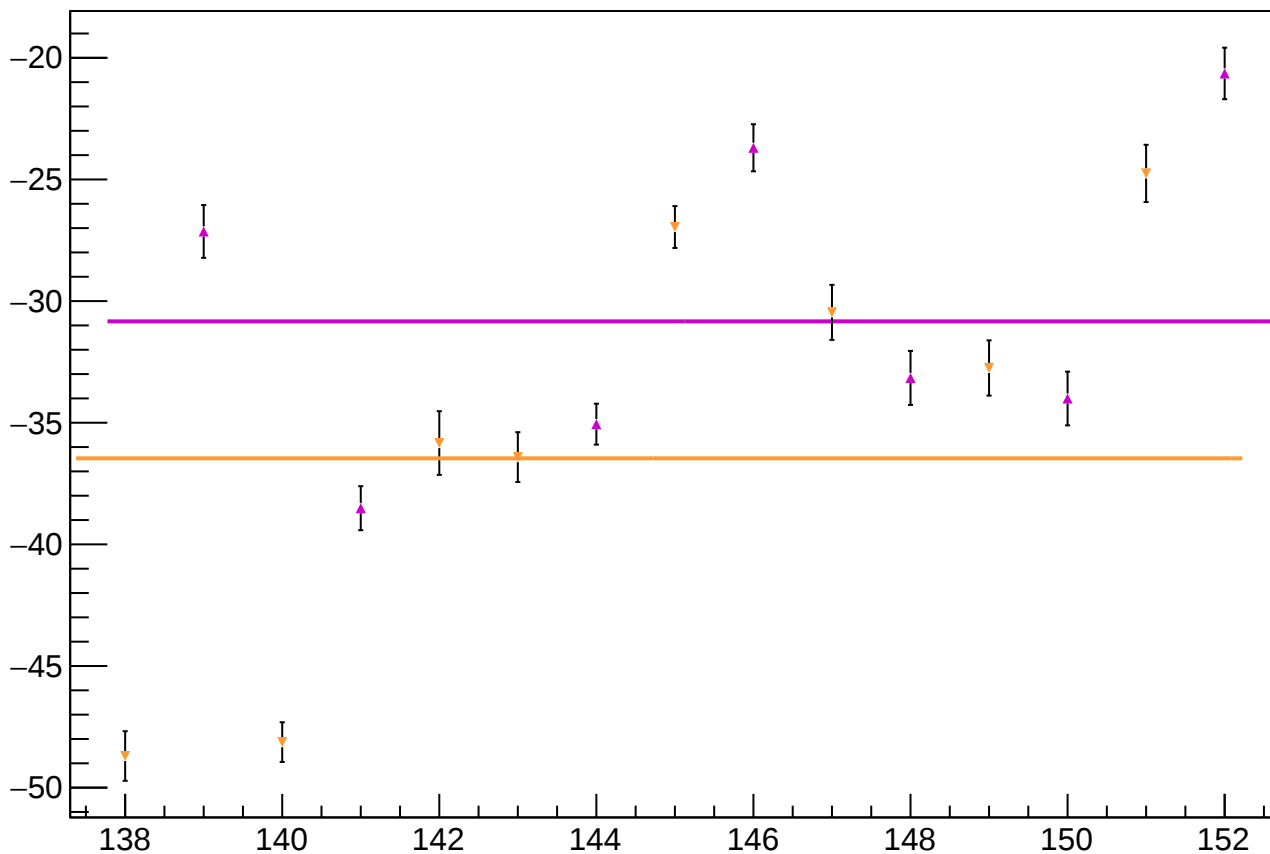
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.005 ± 0.005 $\chi^2/\text{NDF}: 1579.5/23$

Out: -0.023 ± 0.005 $\chi^2/\text{NDF}: 3483.3/25$

All: -0.014 ± 0.003 $\chi^2/\text{NDF}: 5069.6/49$

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: -30.832+/-0.376 χ^2/NDF : 268.6/6

Left: -33.753+/-0.261 χ^2/NDF : 993.4/14

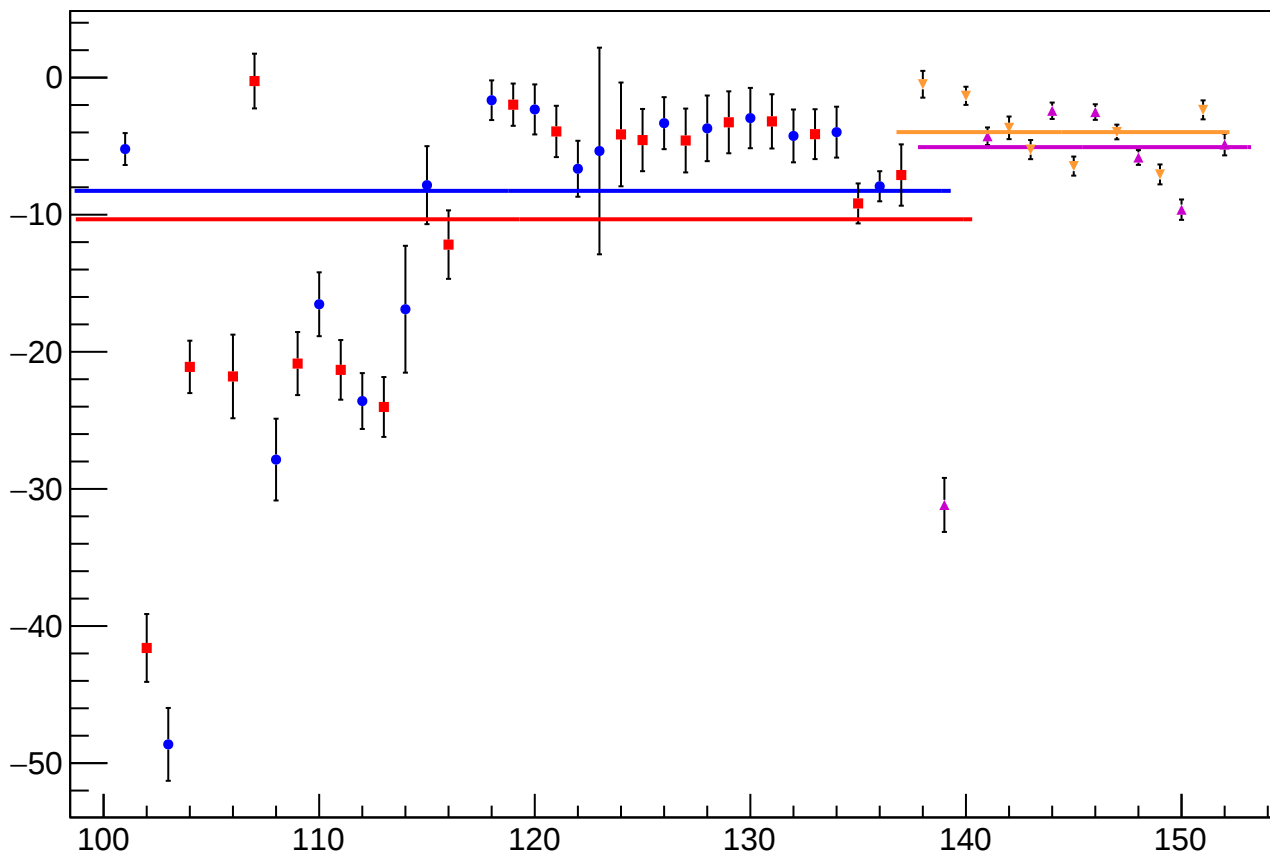
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.832+/-0.376 χ^2/NDF : 268.6/6

Out: -36.463+/-0.362 χ^2/NDF : 608.4/7

All: -33.753+/-0.261 χ^2/NDF : 993.4/14

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.975 ± 0.247 $\chi^2/\text{NDF}: 68.4/7$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -5.071 ± 0.255 $\chi^2/\text{NDF}: 256.5/6$

Left: -4.506 ± 0.177 $\chi^2/\text{NDF}: 334.5/14$

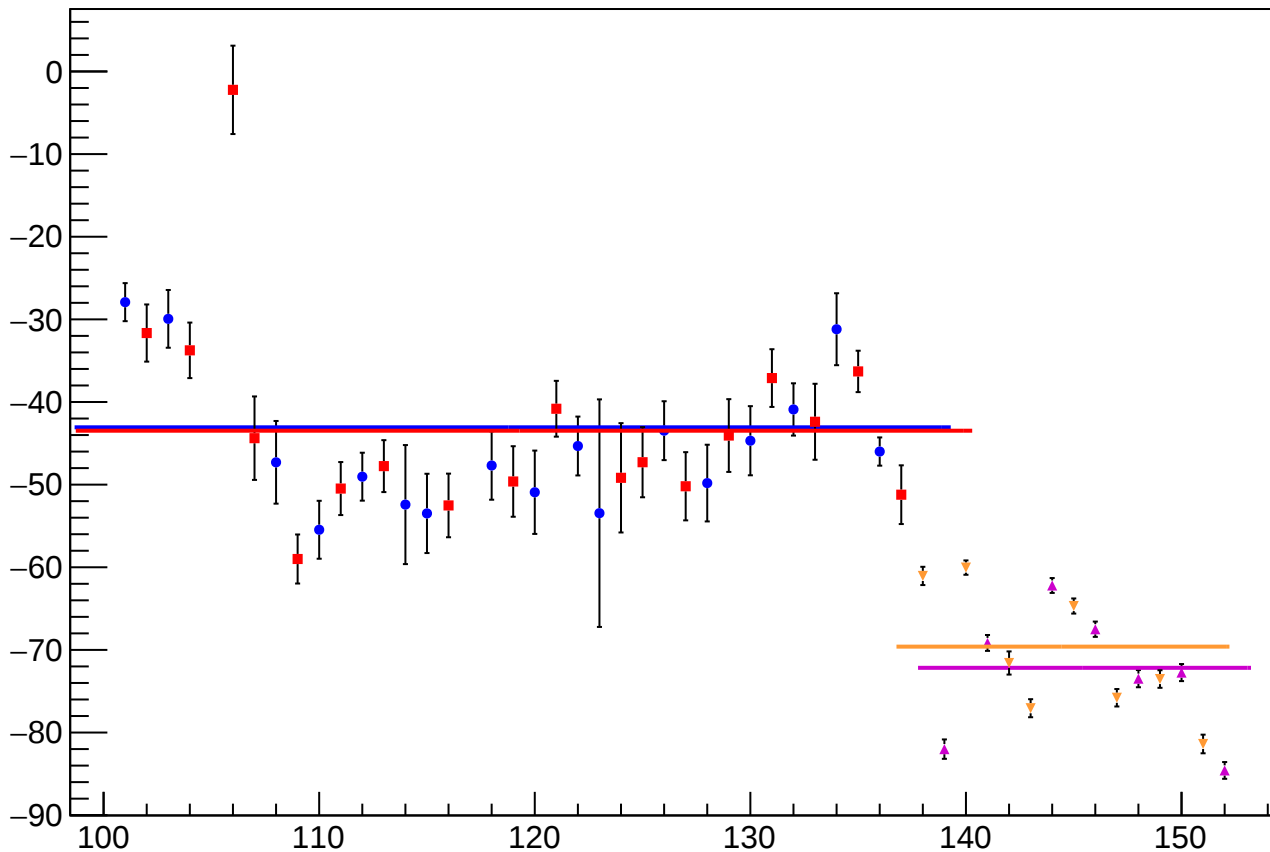
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -5.813 ± 0.223 $\chi^2/\text{NDF}: 704.9/23$

Out: -5.259 ± 0.221 $\chi^2/\text{NDF}: 613.1/25$

All: -5.533 ± 0.157 $\chi^2/\text{NDF}: 1321.1/49$

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: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -72.168 ± 0.377 $\chi^2/\text{NDF}: 380.0/6$

Left: -70.866 ± 0.264 $\chi^2/\text{NDF}: 819.1/14$

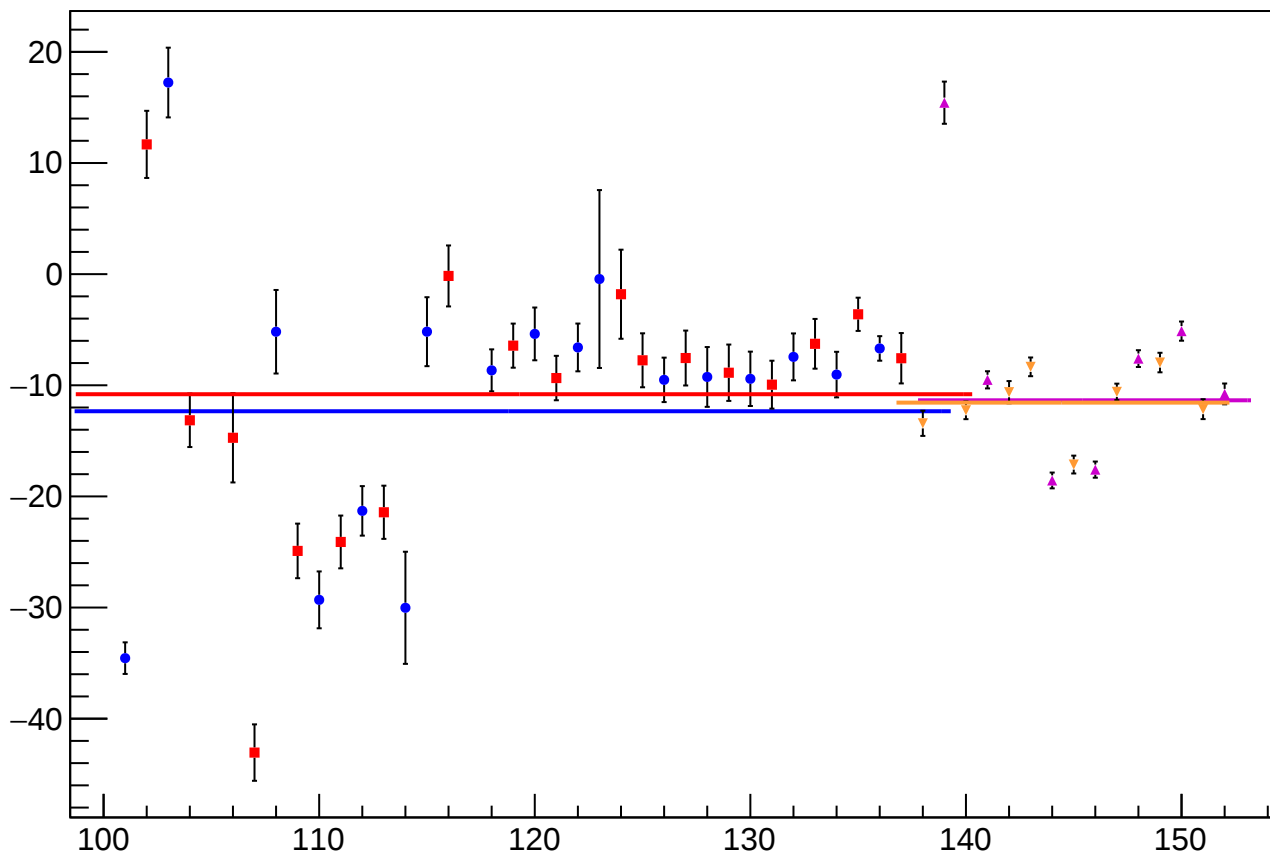
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -67.246 ± 0.344 $\chi^2/\text{NDF}: 1487.7/23$

Out: -65.568 ± 0.341 $\chi^2/\text{NDF}: 1322.9/25$

All: -66.402 ± 0.242 $\chi^2/\text{NDF}: 2822.6/49$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.560 ± 0.306 $\chi^2/\text{NDF}: 86.1/7$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -11.352 ± 0.315 $\chi^2/\text{NDF}: 458.4/6$

Left: -11.459 ± 0.220 $\chi^2/\text{NDF}: 544.8/14$

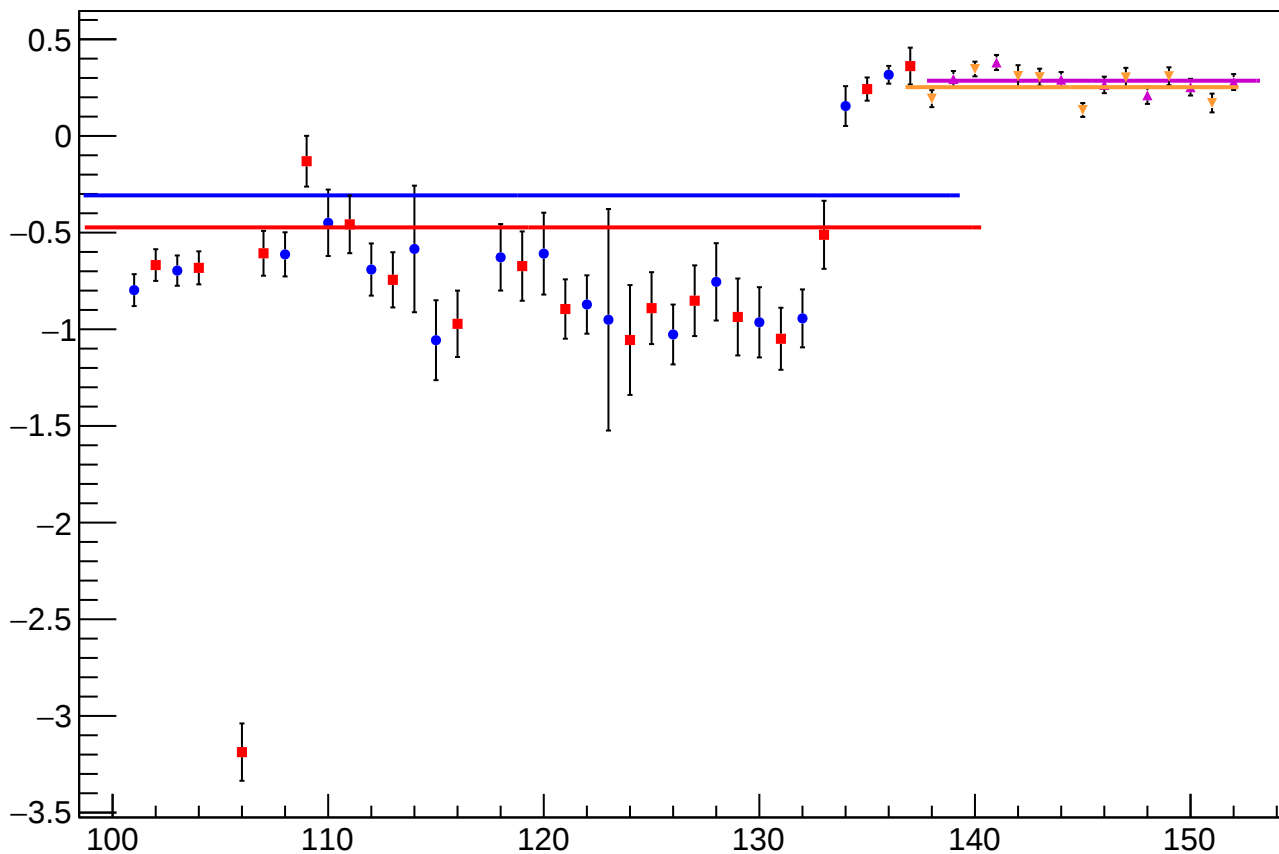
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -11.616 ± 0.270 $\chi^2/\text{NDF}: 936.2/23$

Out: -11.383 ± 0.268 $\chi^2/\text{NDF}: 448.9/25$

All: -11.499 ± 0.190 $\chi^2/\text{NDF}: 1385.5/49$

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: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.286 ± 0.016 χ^2/NDF : 9.7/6

Left: 0.269 ± 0.011 χ^2/NDF : 38.5/14

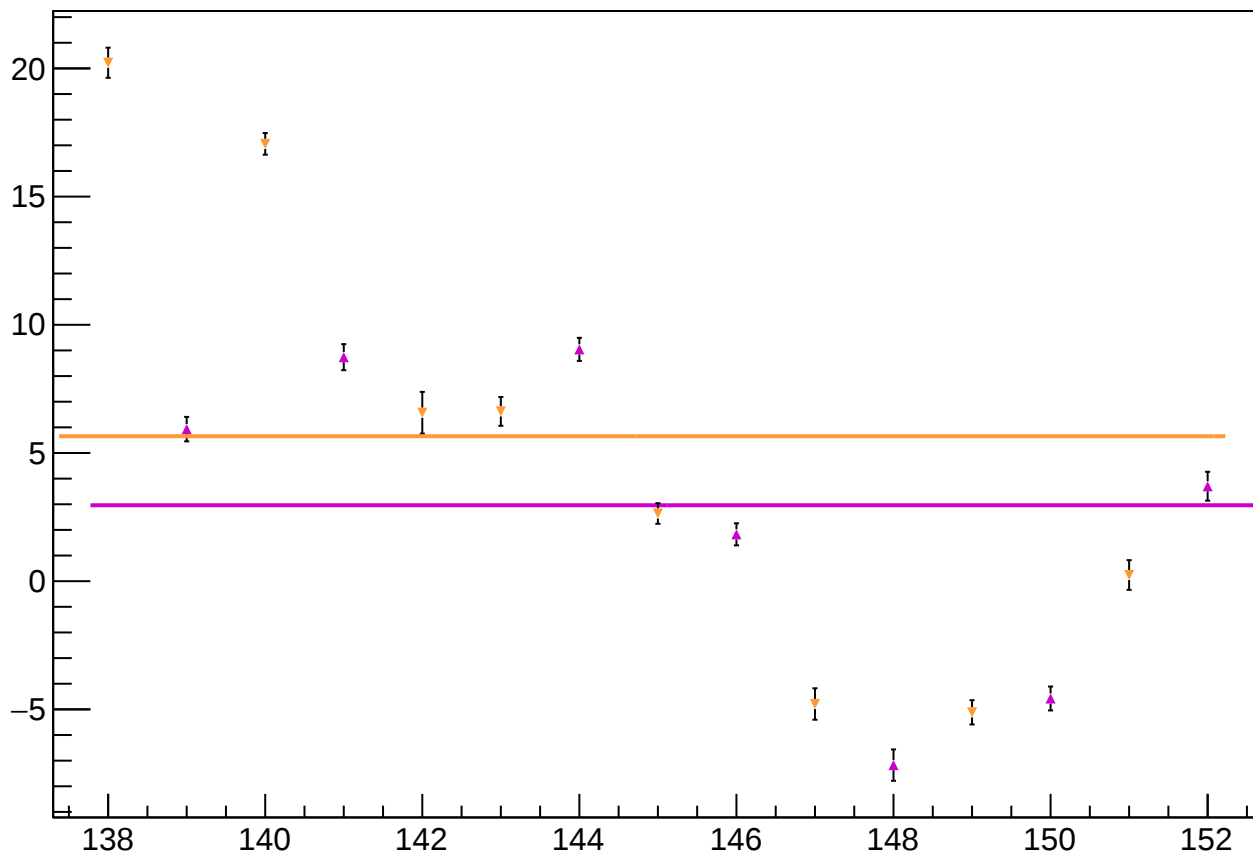
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.140 ± 0.014 χ^2/NDF : 732.1/23

Out: 0.086 ± 0.014 χ^2/NDF : 1148.5/25

All: 0.113 ± 0.010 χ^2/NDF : 1888.2/49

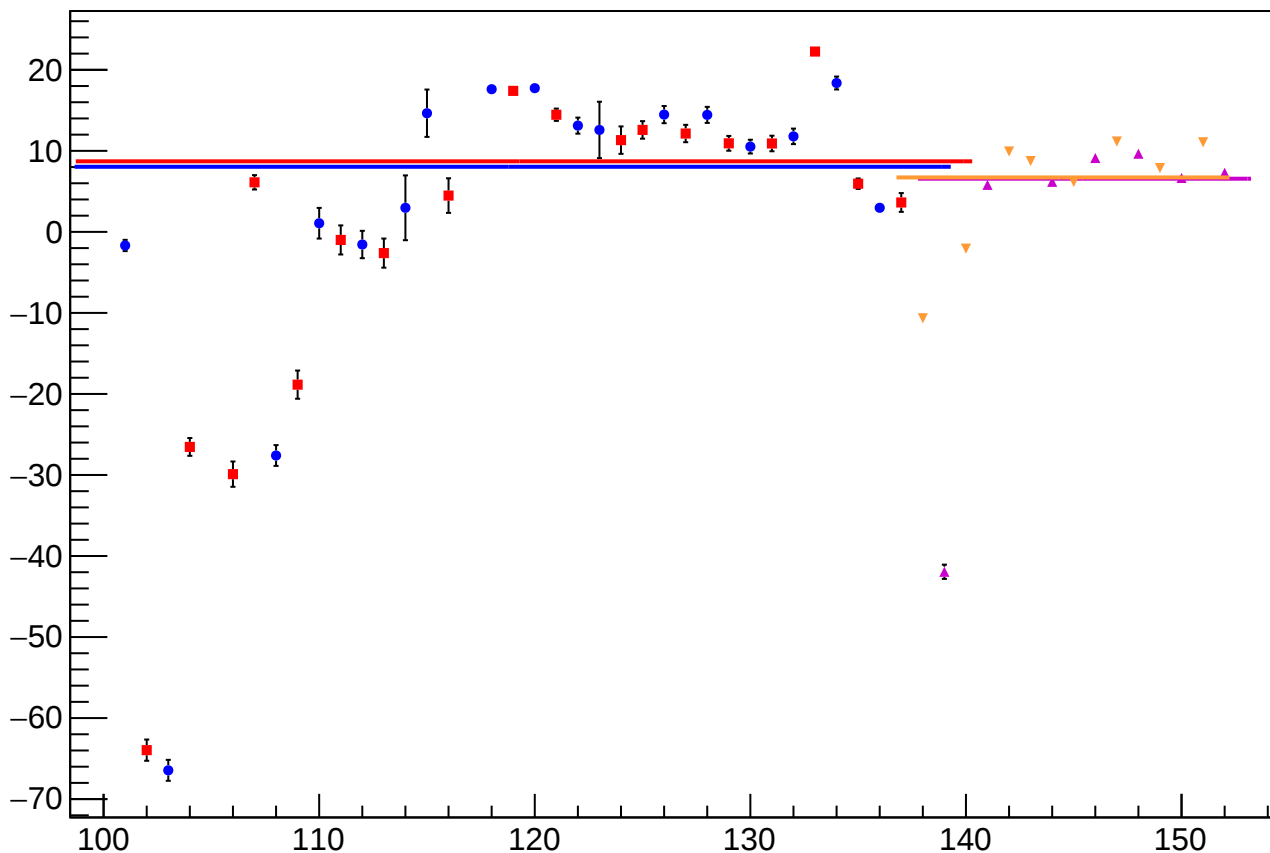
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 2.962 $\pm$ 0.186 χ^2 /NDF:895.8/6

Left: 4.319 $\pm$ 0.131 χ^2 /NDF: 3301.2/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.962 $\pm$ 0.186 χ^2 /NDF:895.8/6
 Out: 5.654 $\pm$ 0.184 χ^2 /NDF:2299.4/7
 All: 4.319 $\pm$ 0.131 χ^2 /NDF: 3301.2/14

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.719 ± 0.128 χ^2/NDF : 1948.9/7

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.562 ± 0.131 χ^2/NDF : 3239.4/6

Left: 6.643 ± 0.092 χ^2/NDF : 5189.1/14

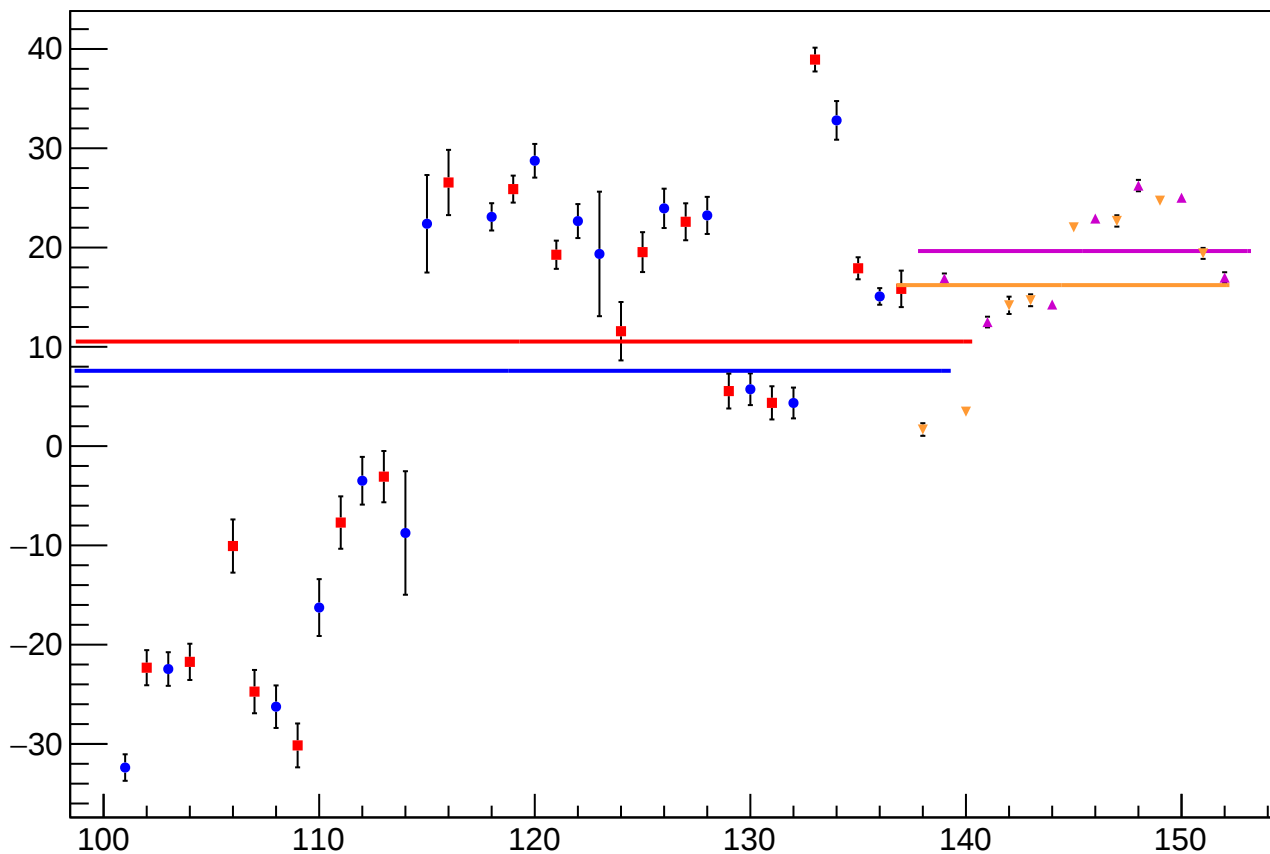
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.961 ± 0.112 χ^2/NDF : 8643.8/23

Out: 7.244 ± 0.110 χ^2/NDF : 8303.1/25

All: 7.106 ± 0.078 χ^2/NDF : 16950.2/49

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: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 19.647 ± 0.185 χ^2/NDF : 700.6/6

Left: 17.949 ± 0.132 χ^2/NDF : 2923.7/14

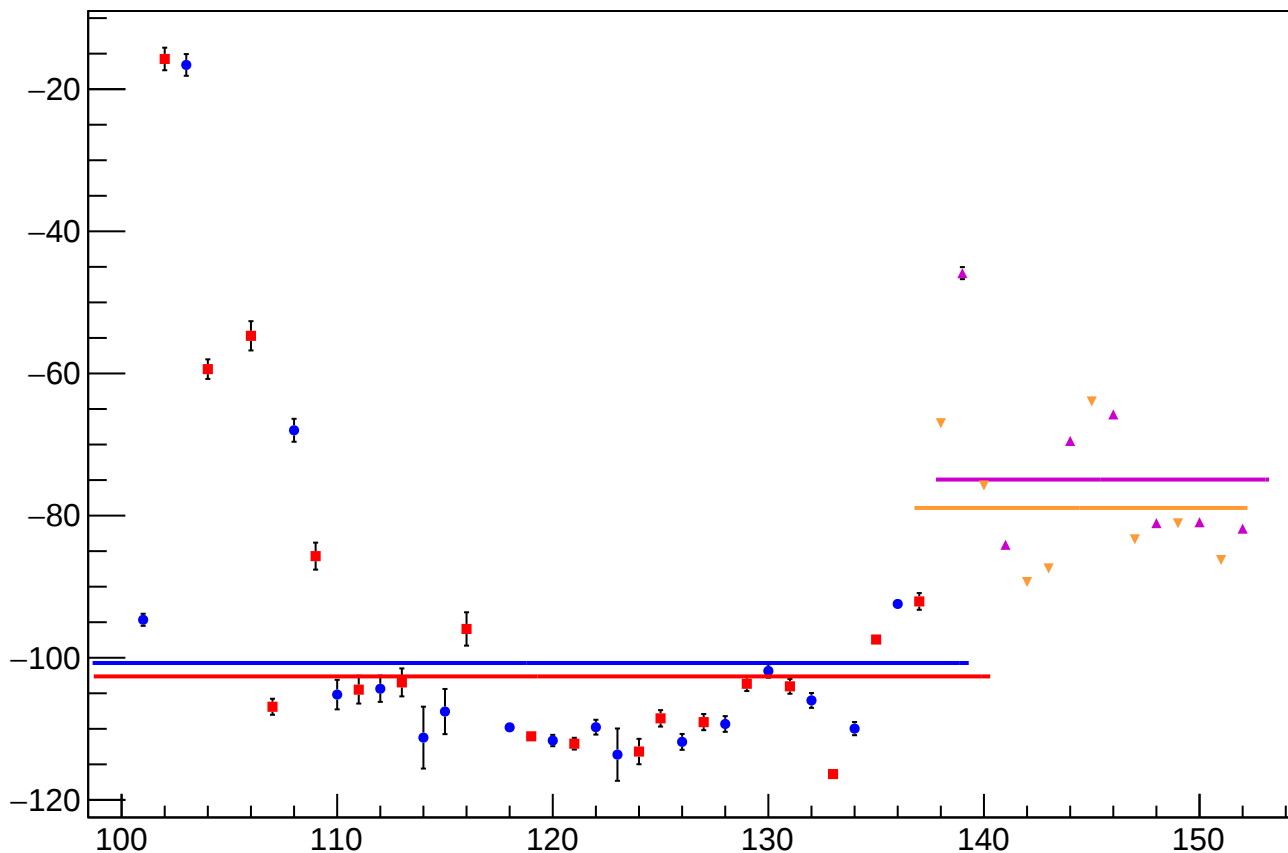
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 17.650 ± 0.169 χ^2/NDF : 3723.9/23

Out: 15.263 ± 0.171 χ^2/NDF : 4487.4/25

All: 16.467 ± 0.120 χ^2/NDF : 8309.6/49

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -78.921 ± 0.157 $\chi^2/\text{NDF}: 2973.6/7$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -74.929 ± 0.160 $\chi^2/\text{NDF}: 3205.3/6$

Left: -76.963 ± 0.112 $\chi^2/\text{NDF}: 6497.0/14$

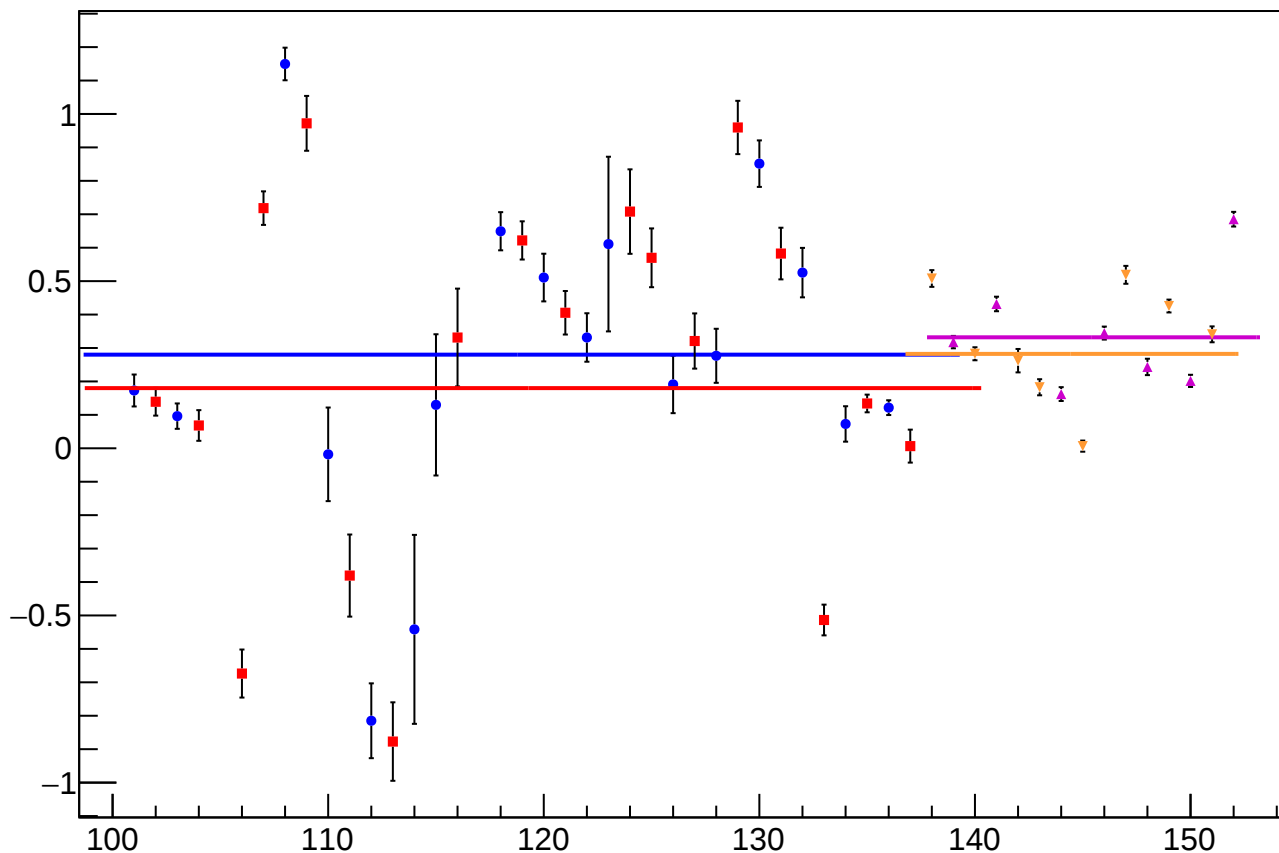
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -82.484 ± 0.134 $\chi^2/\text{NDF}: 15365.7/23$

Out: -85.761 ± 0.132 $\chi^2/\text{NDF}: 15289.9/25$

All: -84.149 ± 0.094 $\chi^2/\text{NDF}: 30957.8/49$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.282 ± 0.008 χ^2/NDF : 512.6/7

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.332 ± 0.008 χ^2/NDF : 412.5/6

Left: 0.308 ± 0.006 χ^2/NDF : 945.4/14

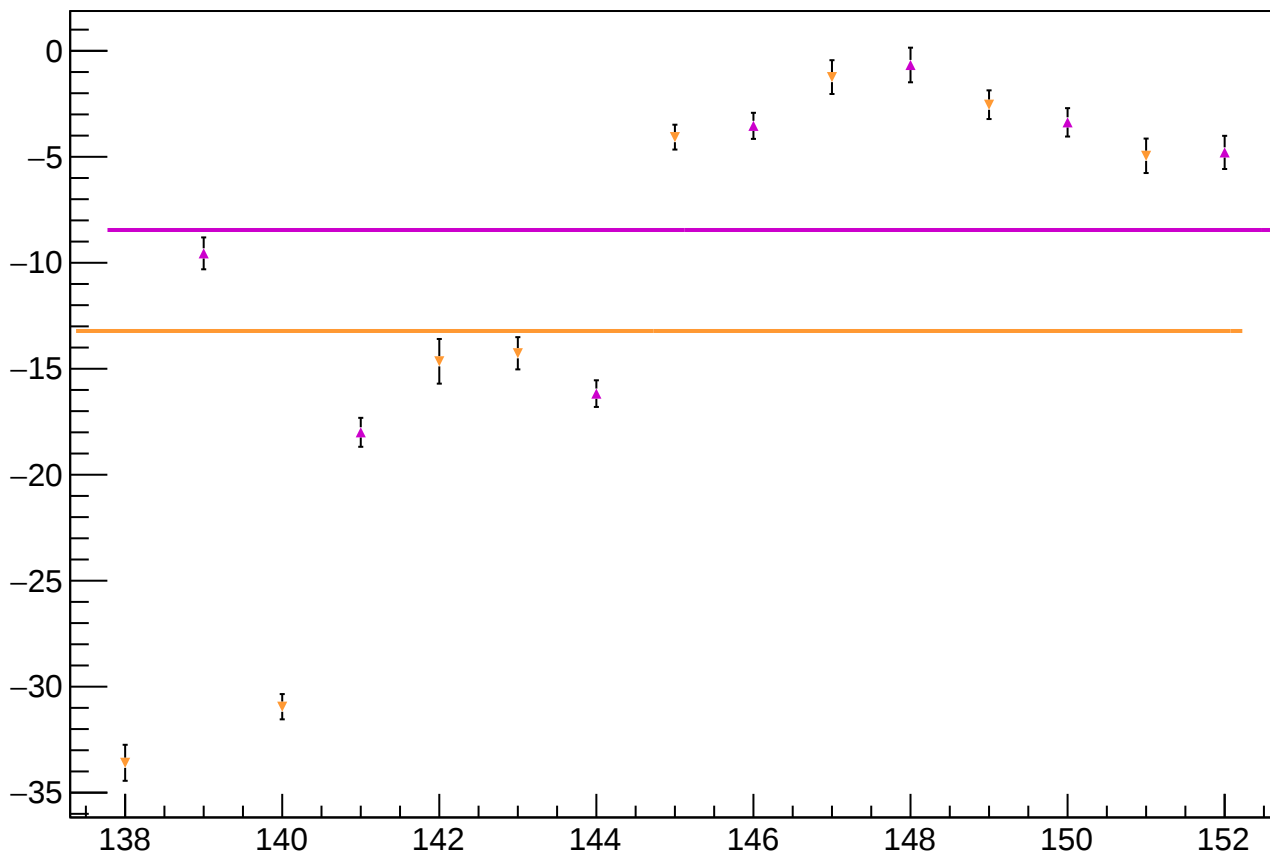
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.319 ± 0.007 χ^2/NDF : 1080.0/23

Out: 0.256 ± 0.007 χ^2/NDF : 1492.7/25

All: 0.288 ± 0.005 χ^2/NDF : 2615.9/49

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: -8.453+/-0.263 χ^2/NDF :582.1/6

Left: -10.881+/-0.184 χ^2/NDF : 3034.1/14

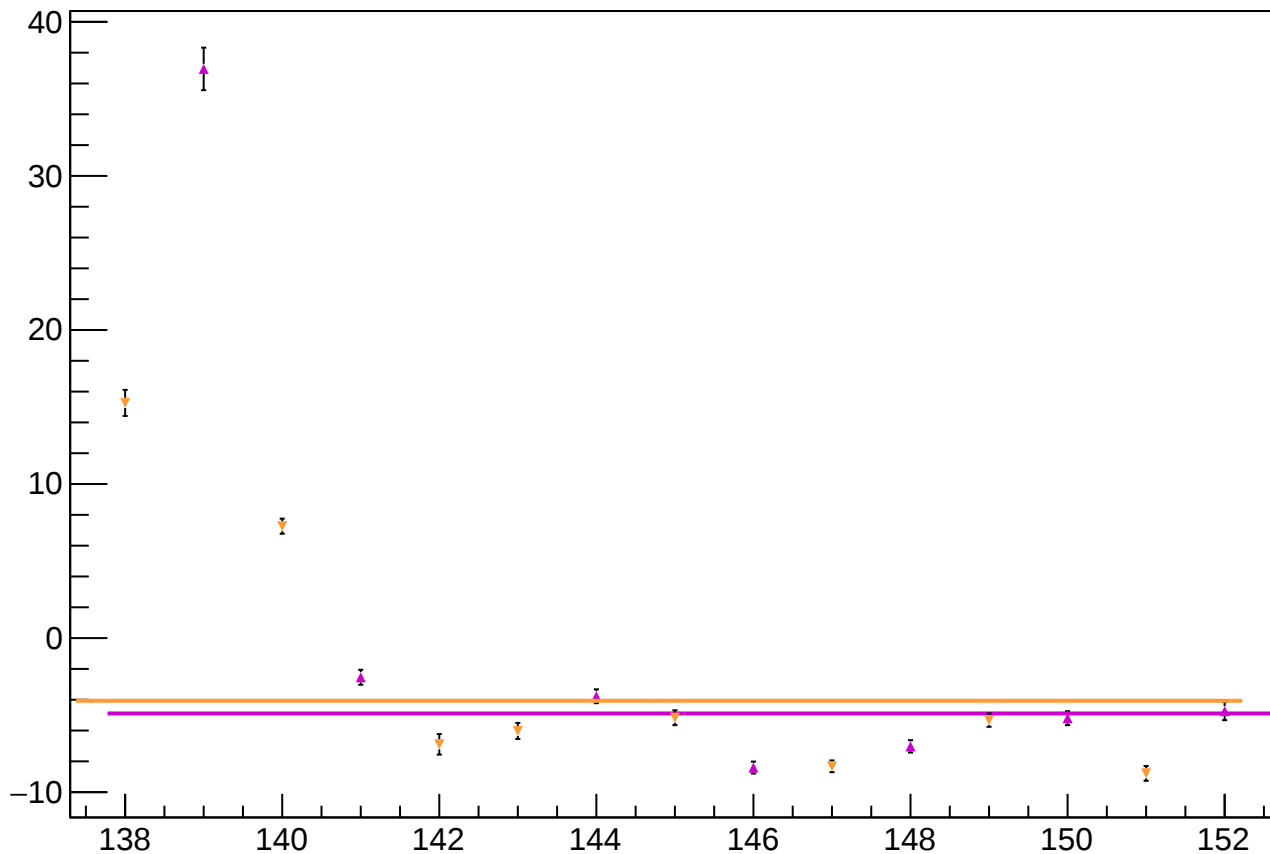
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.453+/-0.263 χ^2/NDF :582.1/6

Out: -13.218+/-0.258 χ^2/NDF :2284.9/7

All: -10.881+/-0.184 χ^2/NDF : 3034.1/14

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.068+/-0.176 χ^2/NDF :1324.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Left: -4.466+/-0.127 χ^2/NDF : 2394.7/14

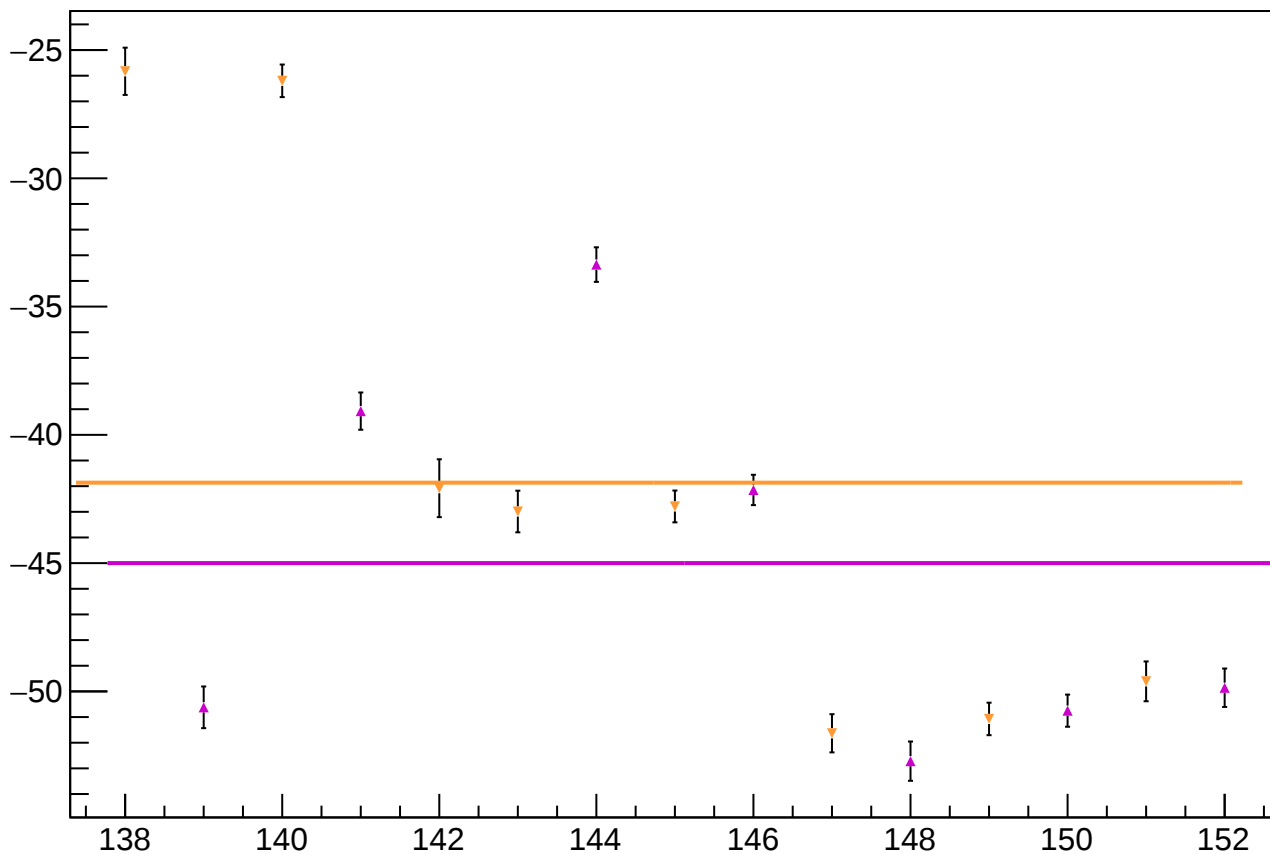
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Out: -4.068+/-0.176 χ^2/NDF :1324.1/7

All: -4.466+/-0.127 χ^2/NDF : 2394.7/14

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.863+/-0.262 χ^2/NDF :1399.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.999+/-0.263 χ^2/NDF :663.8/6

Left: -43.430+/-0.186 χ^2/NDF : 2134.7/14

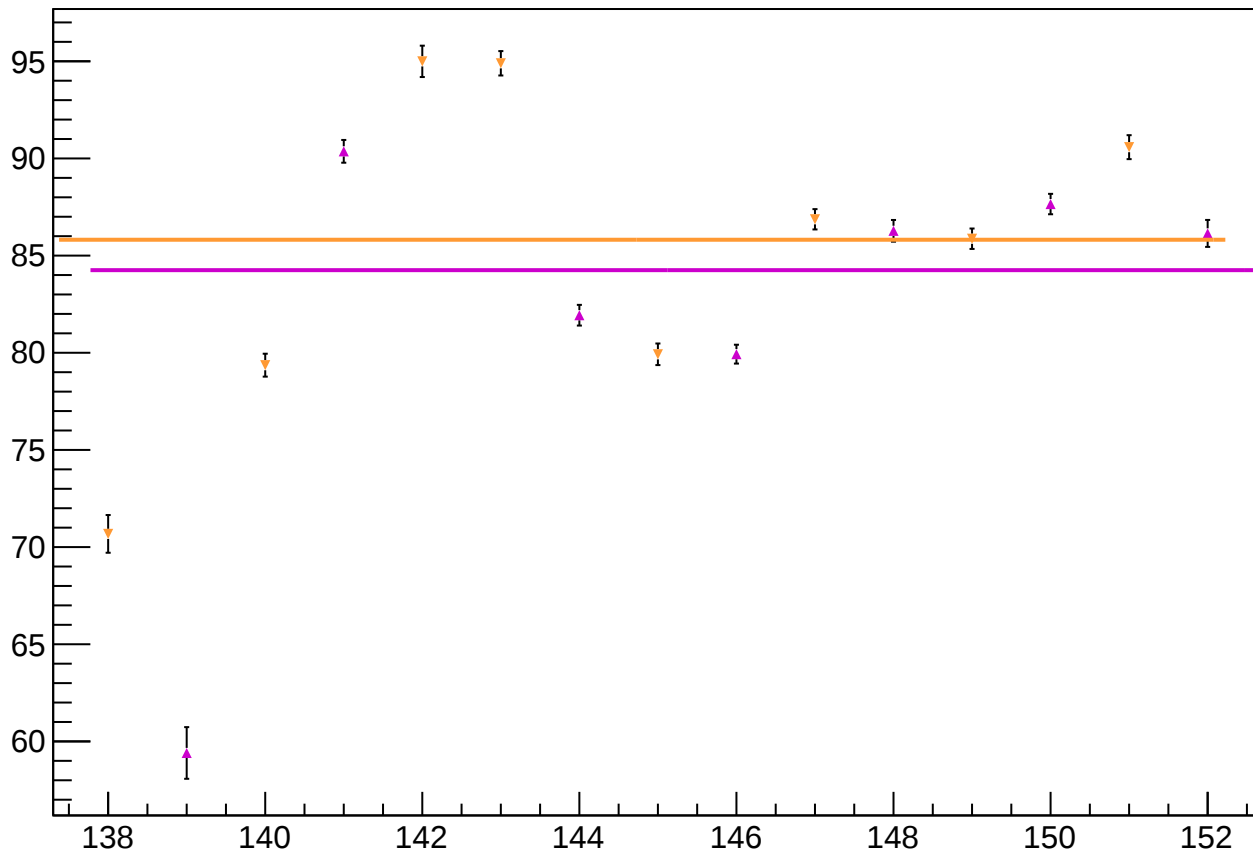
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.999+/-0.263 χ^2/NDF :663.8/6

Out: -41.863+/-0.262 χ^2/NDF :1399.6/7

All: -43.430+/-0.186 χ^2/NDF : 2134.7/14

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 85.816+/-0.217 χ^2/NDF :878.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.251+/-0.223 χ^2/NDF :619.1/6

Left: 85.053+/-0.156 χ^2/NDF : 1522.6/14

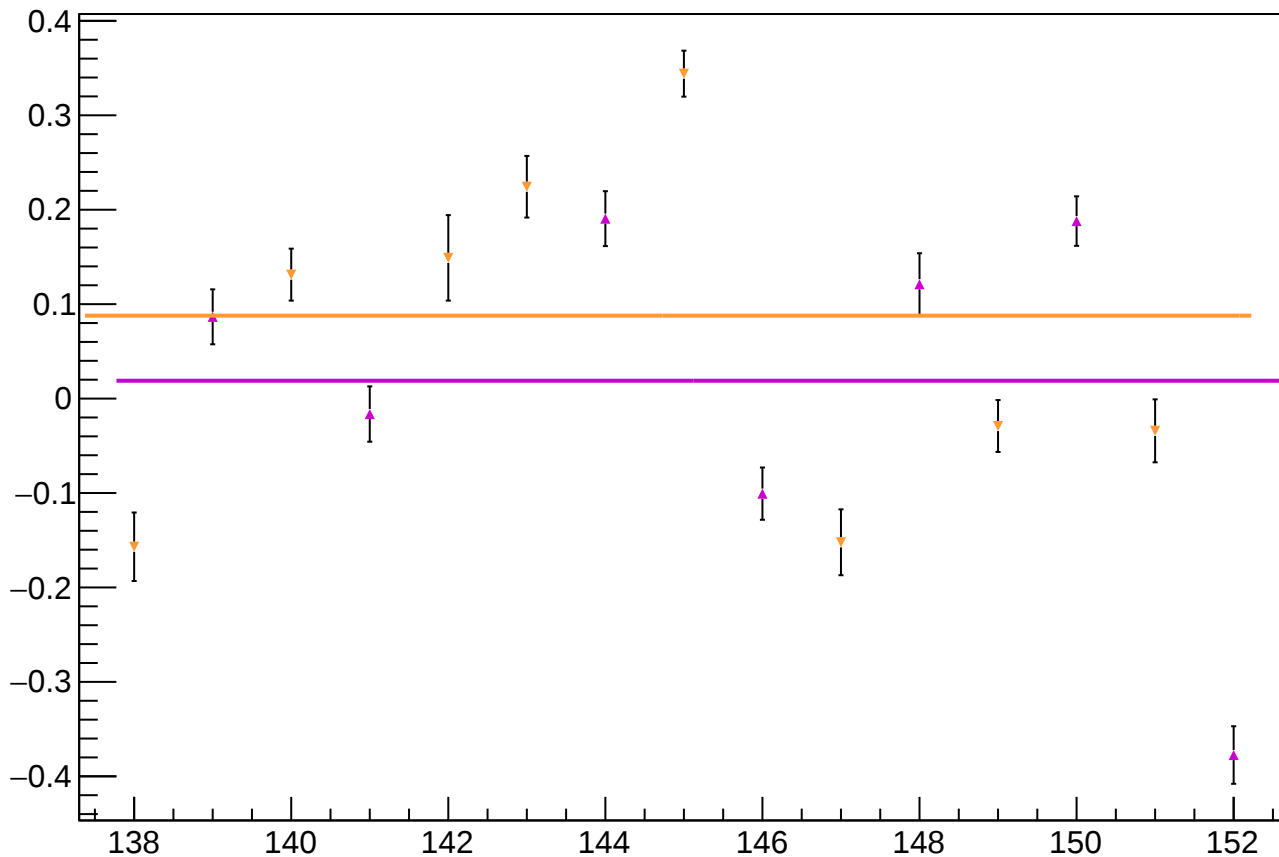
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.251+/-0.223 χ^2/NDF :619.1/6

Out: 85.816+/-0.217 χ^2/NDF :878.1/7

All: 85.053+/-0.156 χ^2/NDF : 1522.6/14

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.088 $\pm$ 0.011 χ^2 /NDF:257.0/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.019 $\pm$ 0.011 χ^2 /NDF:280.8/6

Left: 0.053 $\pm$ 0.008 χ^2 /NDF: 557.4/14

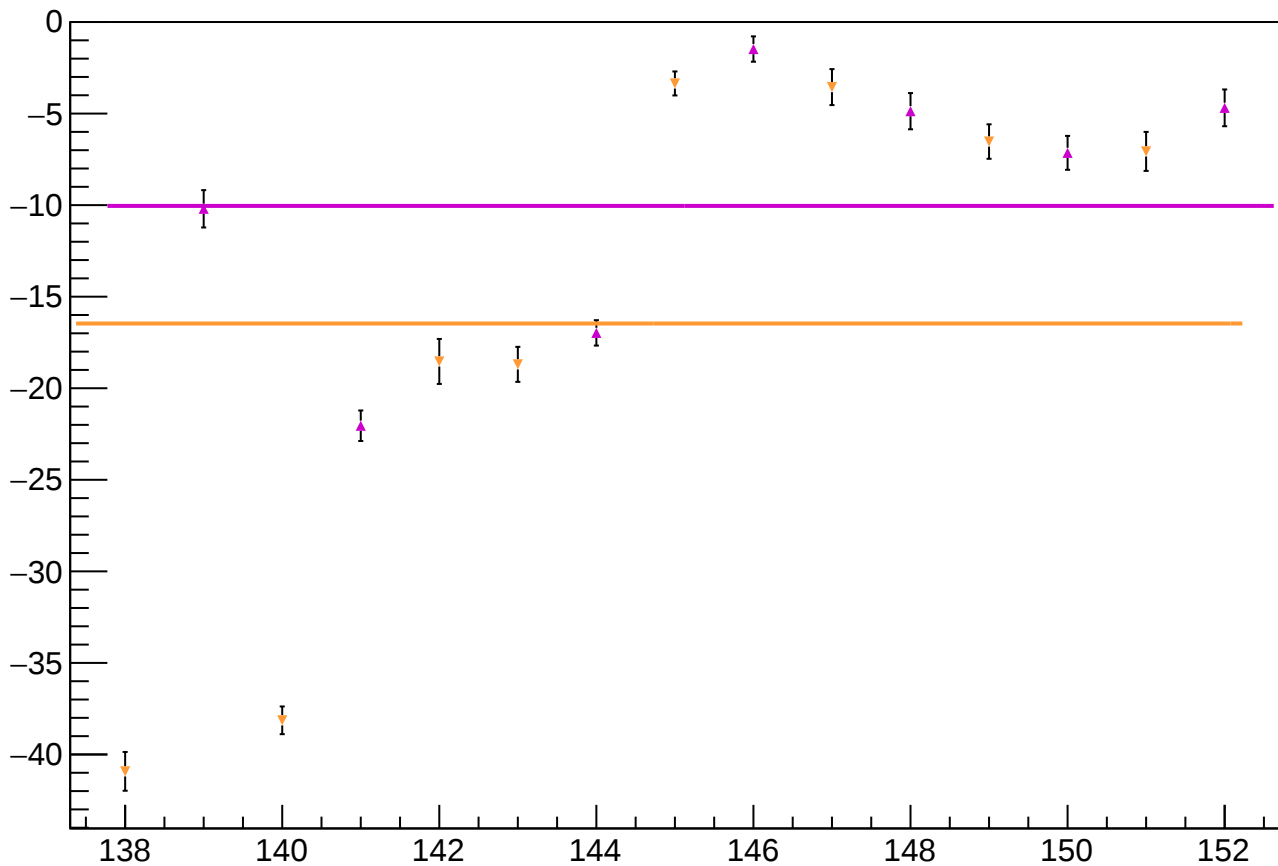
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.019 $\pm$ 0.011 χ^2 /NDF:280.8/6

Out: 0.088 $\pm$ 0.011 χ^2 /NDF:257.0/7

All: 0.053 $\pm$ 0.008 χ^2 /NDF: 557.4/14

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -16.465 $\pm$ 0.320 χ^2 /NDF:2124.8/7

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6

Left: -13.259 $\pm$ 0.226 χ^2 /NDF: 2852.4/14

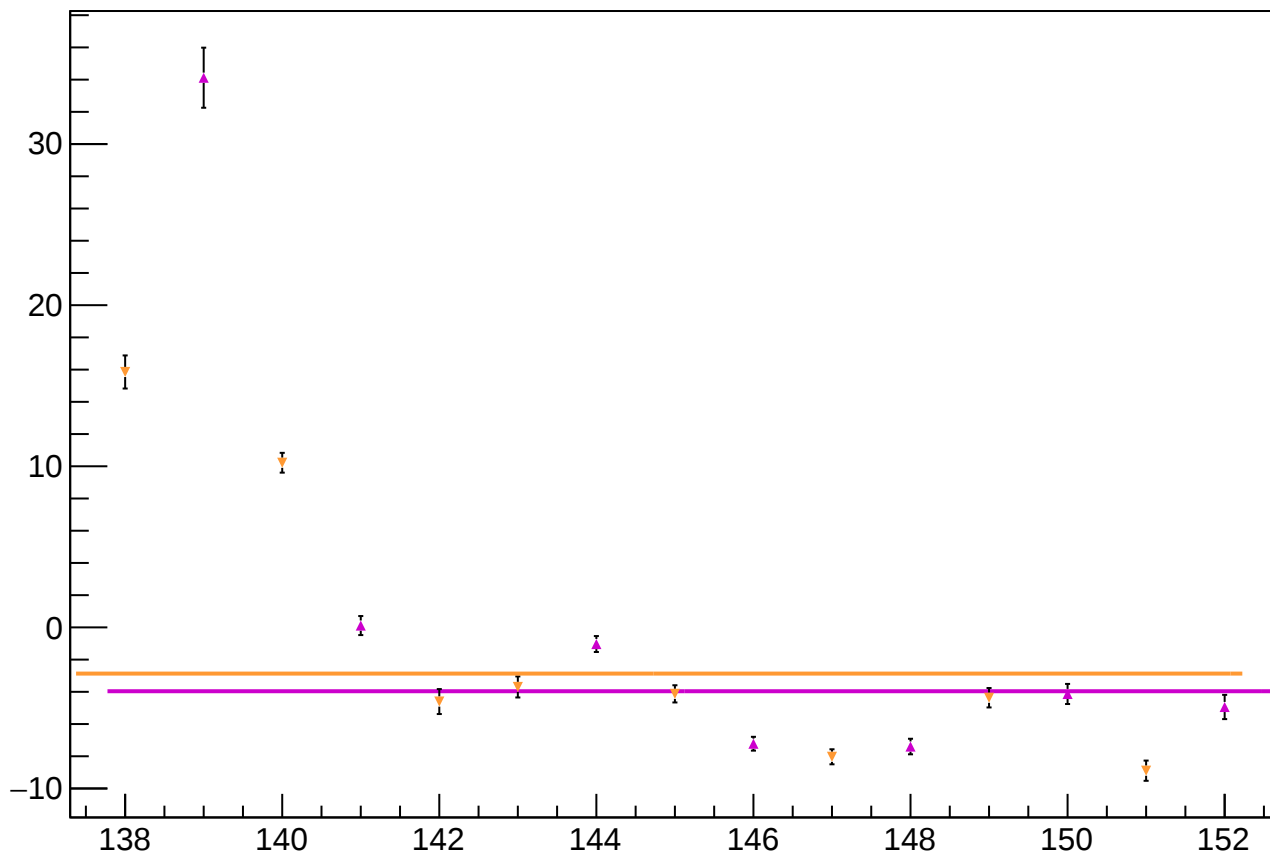
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6

Out: -16.465 $\pm$ 0.320 χ^2 /NDF:2124.8/7

All: -13.259 $\pm$ 0.226 χ^2 /NDF: 2852.4/14

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.868+/-0.218 χ^2/NDF :1019.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.963+/-0.217 χ^2/NDF :609.7/6

Left: -3.420+/-0.154 χ^2/NDF : 1641.4/14

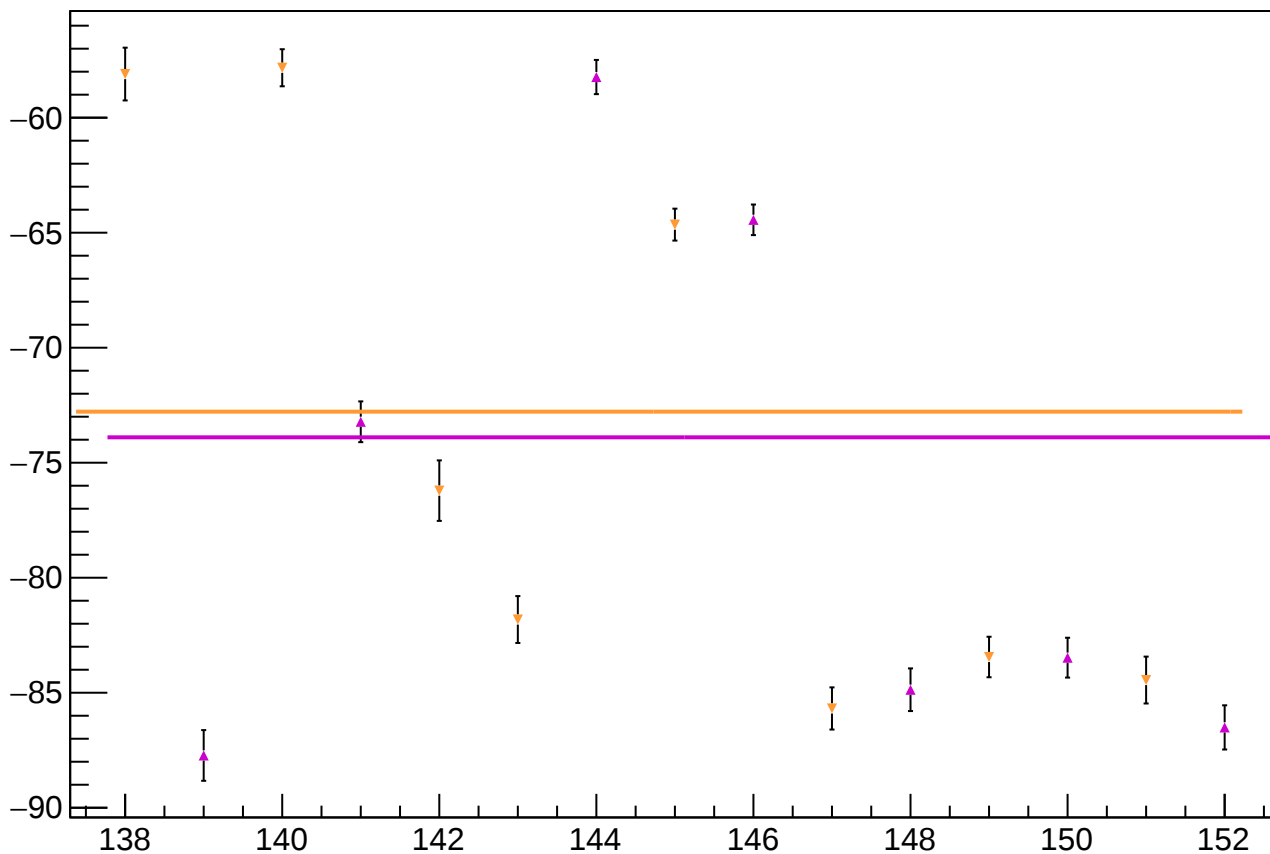
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.963+/-0.217 χ^2/NDF :609.7/6

Out: -2.868+/-0.218 χ^2/NDF :1019.0/7

All: -3.420+/-0.154 χ^2/NDF : 1641.4/14

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.780+/-0.327 χ^2/NDF :1206.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Left: -73.349+/-0.229 χ^2/NDF : 2451.3/14

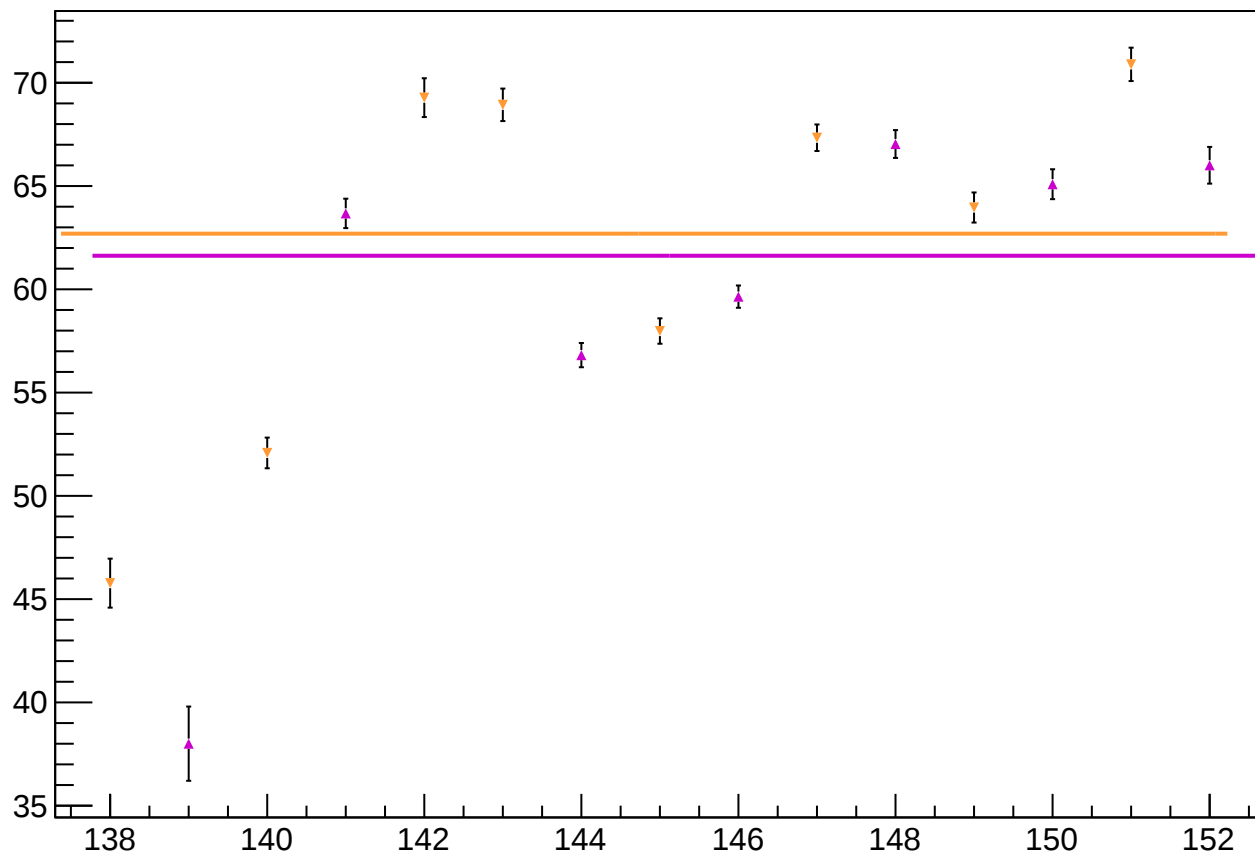
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Out: -72.780+/-0.327 χ^2/NDF :1206.5/7

All: -73.349+/-0.229 χ^2/NDF : 2451.3/14

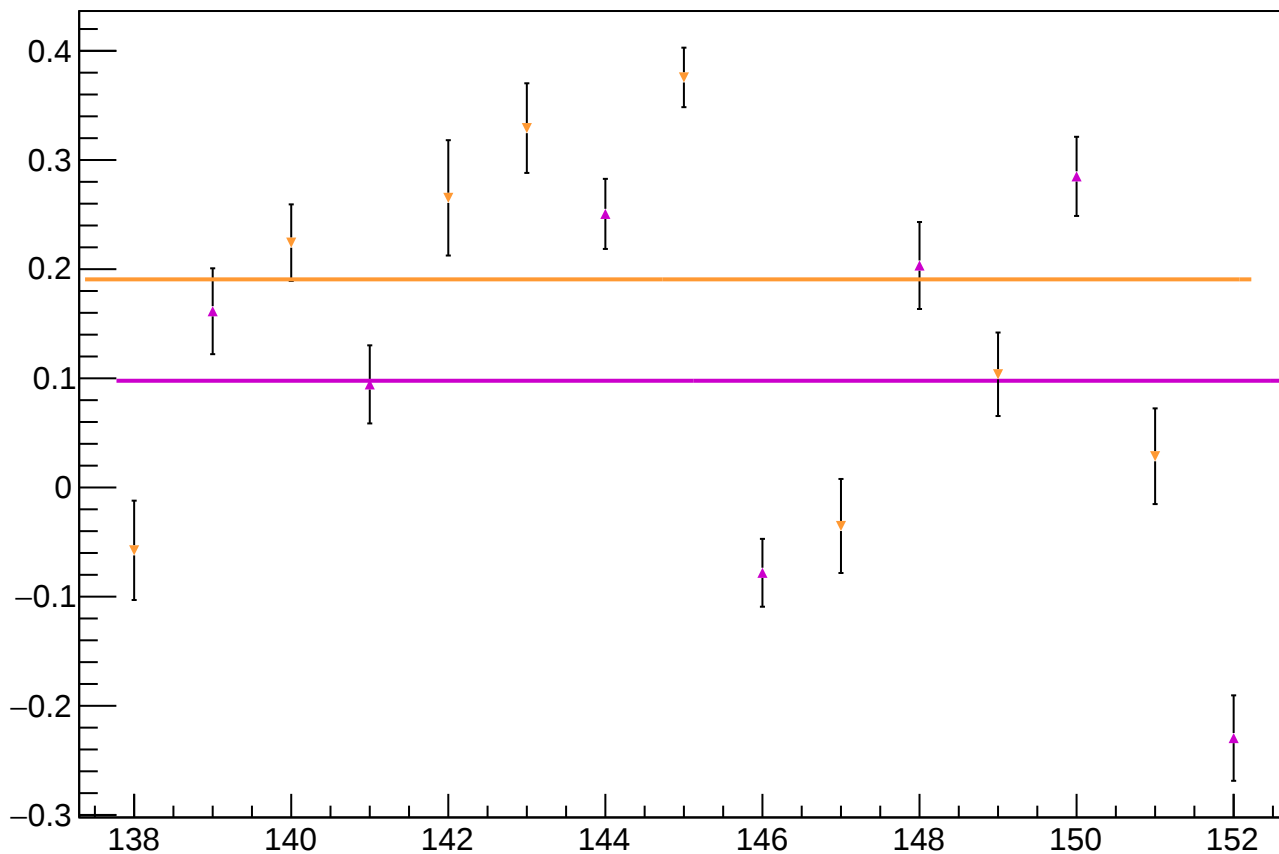
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.694+/-0.270 χ^2/NDF :736.7/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.625+/-0.267 χ^2/NDF :373.3/6

Left: 62.155+/-0.190 χ^2/NDF : 1117.9/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.625+/-0.267 χ^2/NDF :373.3/6
 Out: 62.694+/-0.270 χ^2/NDF :736.7/7
 All: 62.155+/-0.190 χ^2/NDF : 1117.9/14

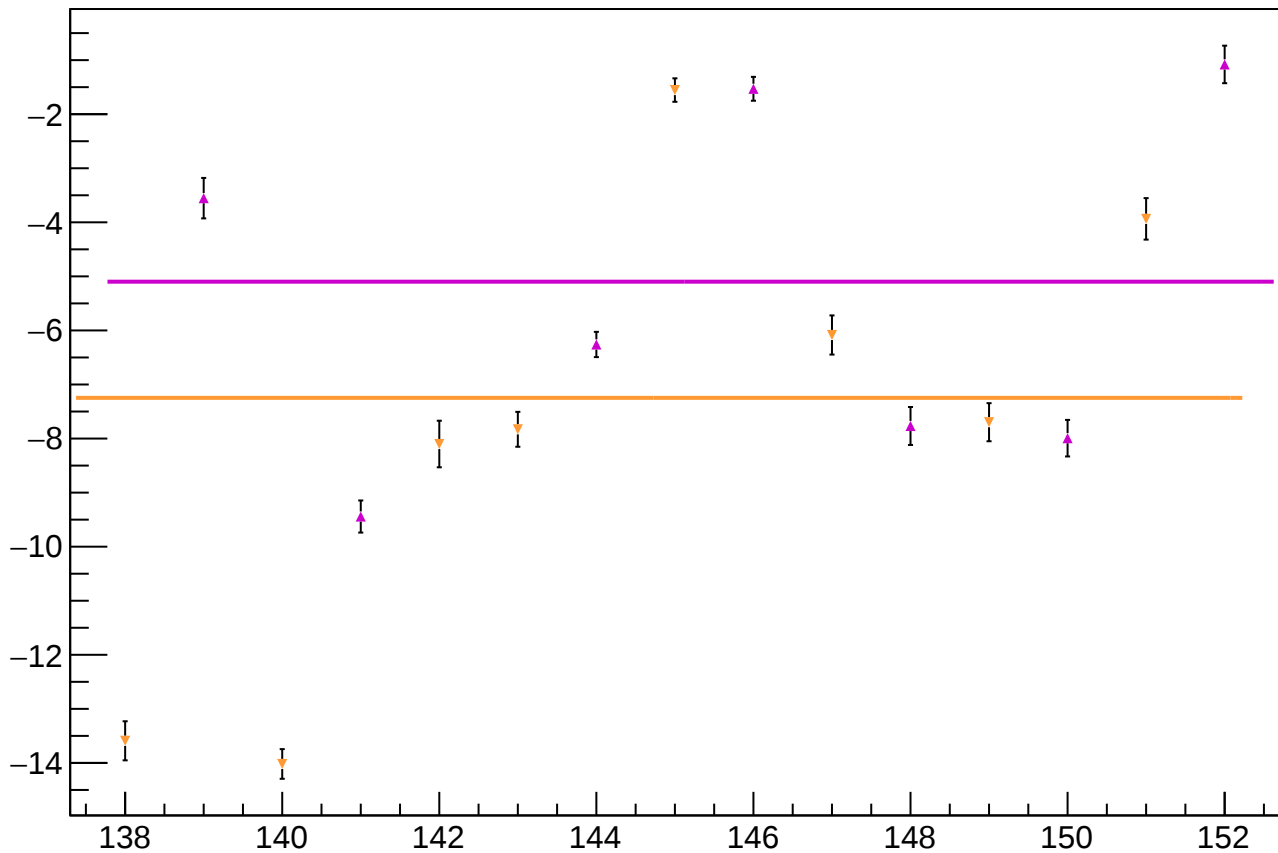
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.191+/-0.014 χ^2/NDF :136.5/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.098+/-0.014 χ^2/NDF :161.0/6

Left: 0.144+/-0.010 χ^2/NDF : 320.8/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.098+/-0.014 χ^2/NDF :161.0/6
 Out: 0.191+/-0.014 χ^2/NDF :136.5/7
 All: 0.144+/-0.010 χ^2/NDF : 320.8/14

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -7.247+/-0.112 χ^2/NDF :1697.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.098+/-0.110 χ^2/NDF :781.9/6

Left: -6.154+/-0.079 χ^2/NDF : 2666.8/14

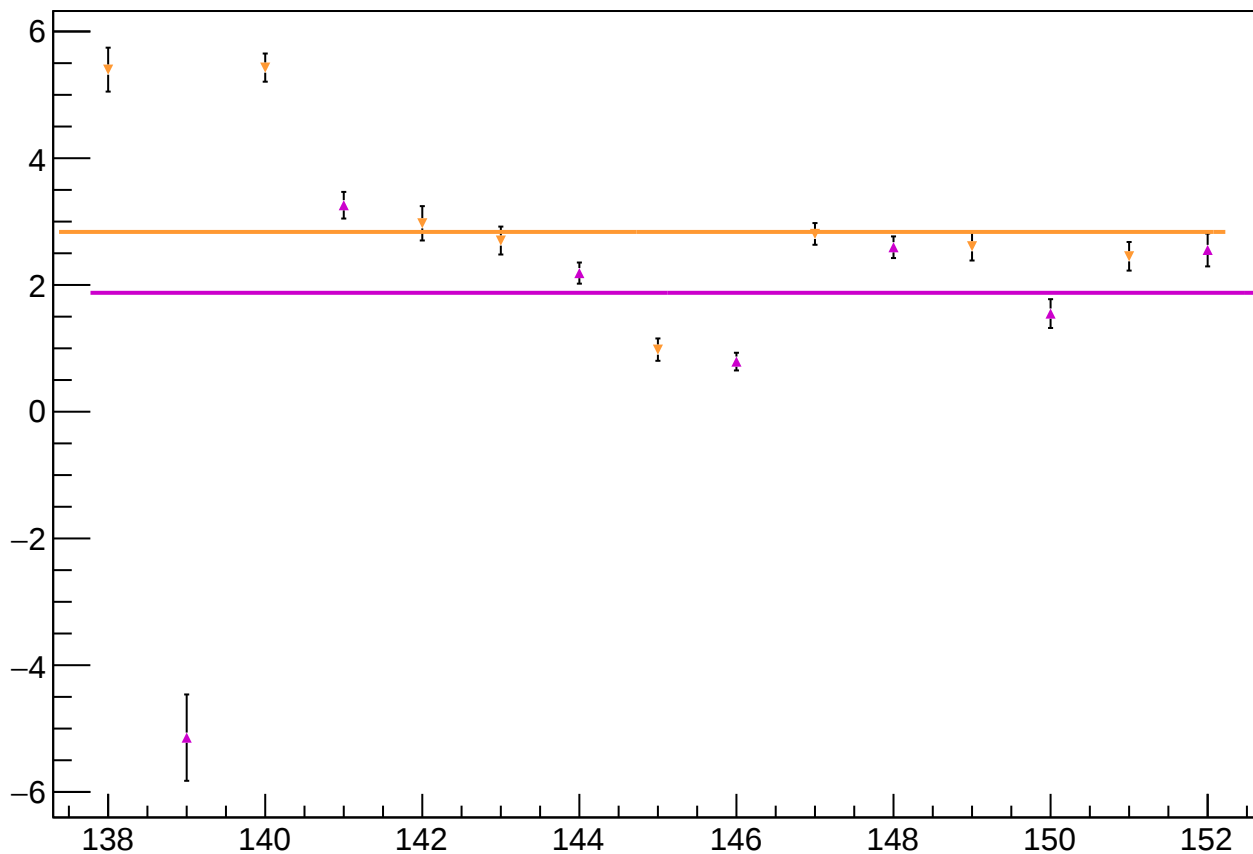
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.098+/-0.110 χ^2/NDF :781.9/6

Out: -7.247+/-0.112 χ^2/NDF :1697.9/7

All: -6.154+/-0.079 χ^2/NDF : 2666.8/14

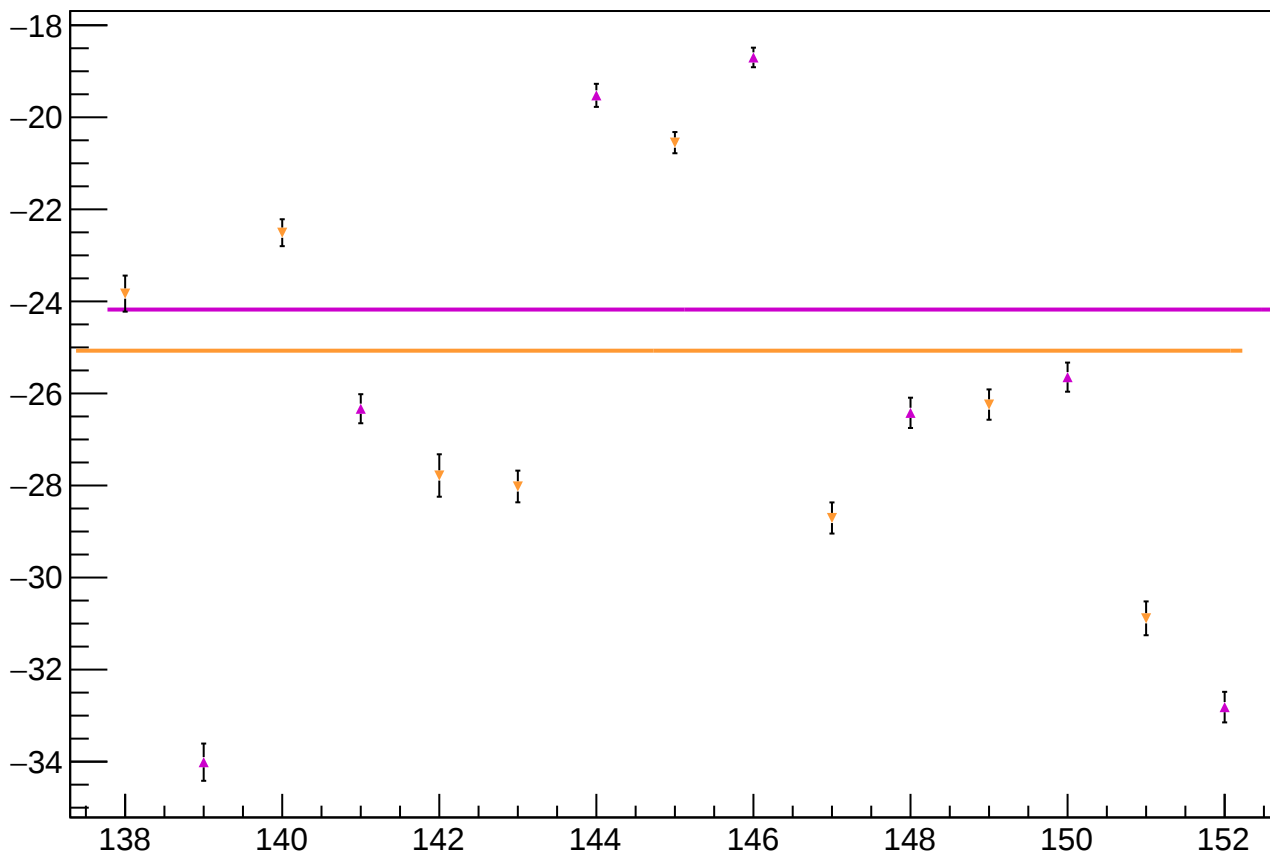
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.837+/-0.077 χ^2/NDF :306.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.876+/-0.074 χ^2/NDF :240.0/6

Left: 2.340+/-0.054 χ^2/NDF : 626.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.876+/-0.074 χ^2/NDF :240.0/6
 Out: 2.837+/-0.077 χ^2/NDF :306.2/7
 All: 2.340+/-0.054 χ^2/NDF : 626.6/14

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.071+/-0.115 χ^2/NDF :958.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Left: -24.604+/-0.080 χ^2/NDF : 3381.4/14

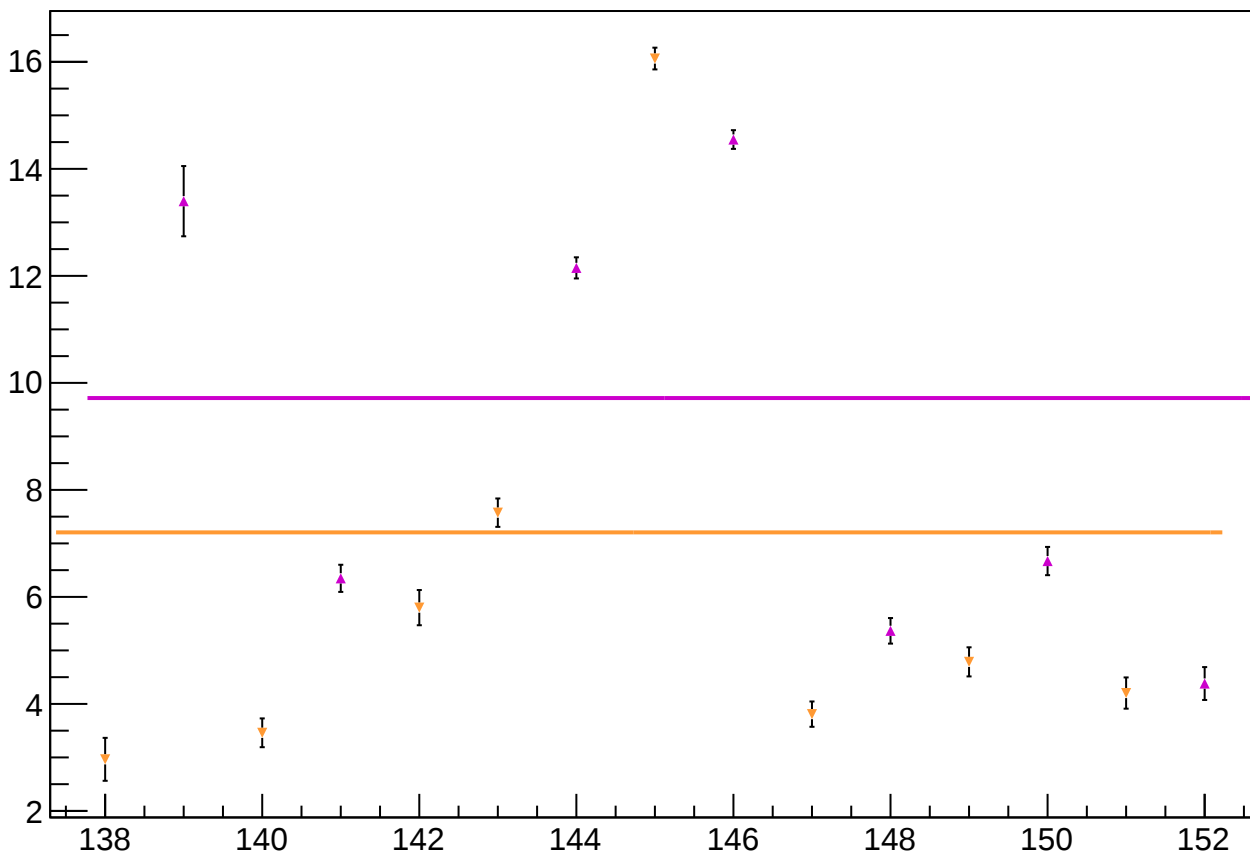
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Out: -25.071+/-0.115 χ^2/NDF :958.3/7

All: -24.604+/-0.080 χ^2/NDF : 3381.4/14

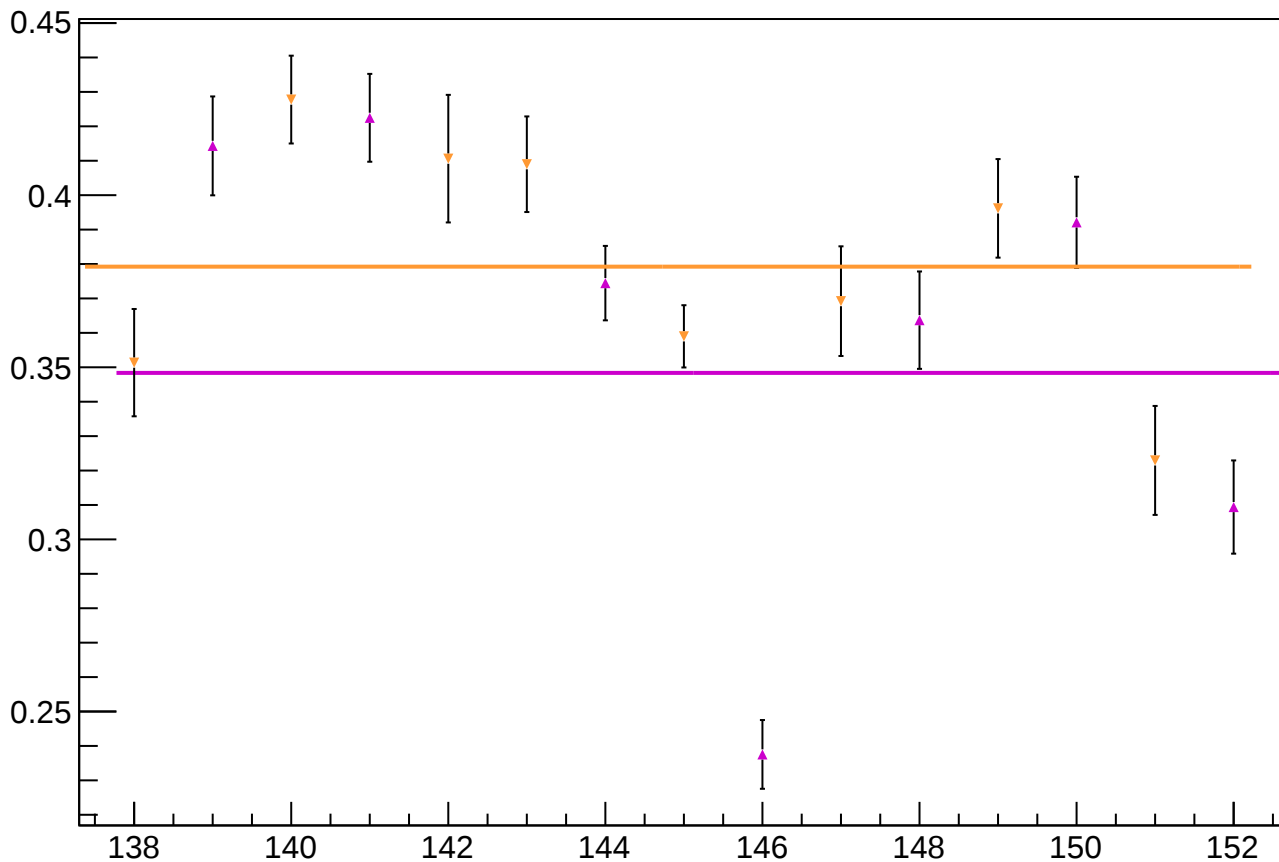
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.206 $\pm$ 0.095 χ^2 /NDF:2616.0/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.717 $\pm$ 0.092 χ^2 /NDF:1888.7/6

Left: 8.504 $\pm$ 0.066 χ^2 /NDF: 4865.7/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 9.717 $\pm$ 0.092 χ^2 /NDF:1888.7/6
 Out: 7.206 $\pm$ 0.095 χ^2 /NDF:2616.0/7
 All: 8.504 $\pm$ 0.066 χ^2 /NDF: 4865.7/14

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.379+/-0.005 χ^2/NDF :44.6/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.348+/-0.005 χ^2/NDF :204.1/6

Left: 0.363+/-0.003 χ^2/NDF : 269.9/14

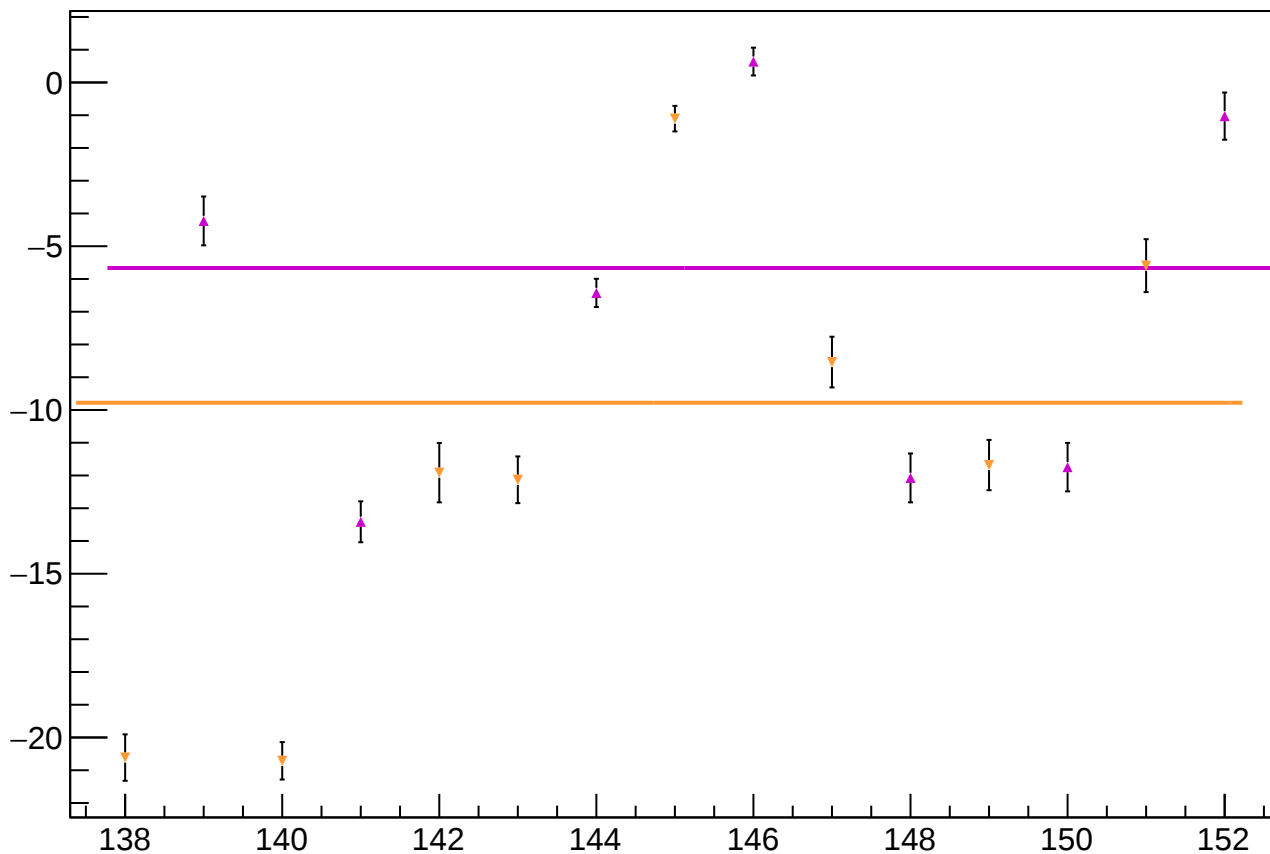
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.348+/-0.005 χ^2/NDF :204.1/6

Out: 0.379+/-0.005 χ^2/NDF :44.6/7

All: 0.363+/-0.003 χ^2/NDF : 269.9/14

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.779+/-0.225 χ^2/NDF :1146.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.665+/-0.219 χ^2/NDF :564.0/6

Left: -7.665+/-0.157 χ^2/NDF : 1881.8/14

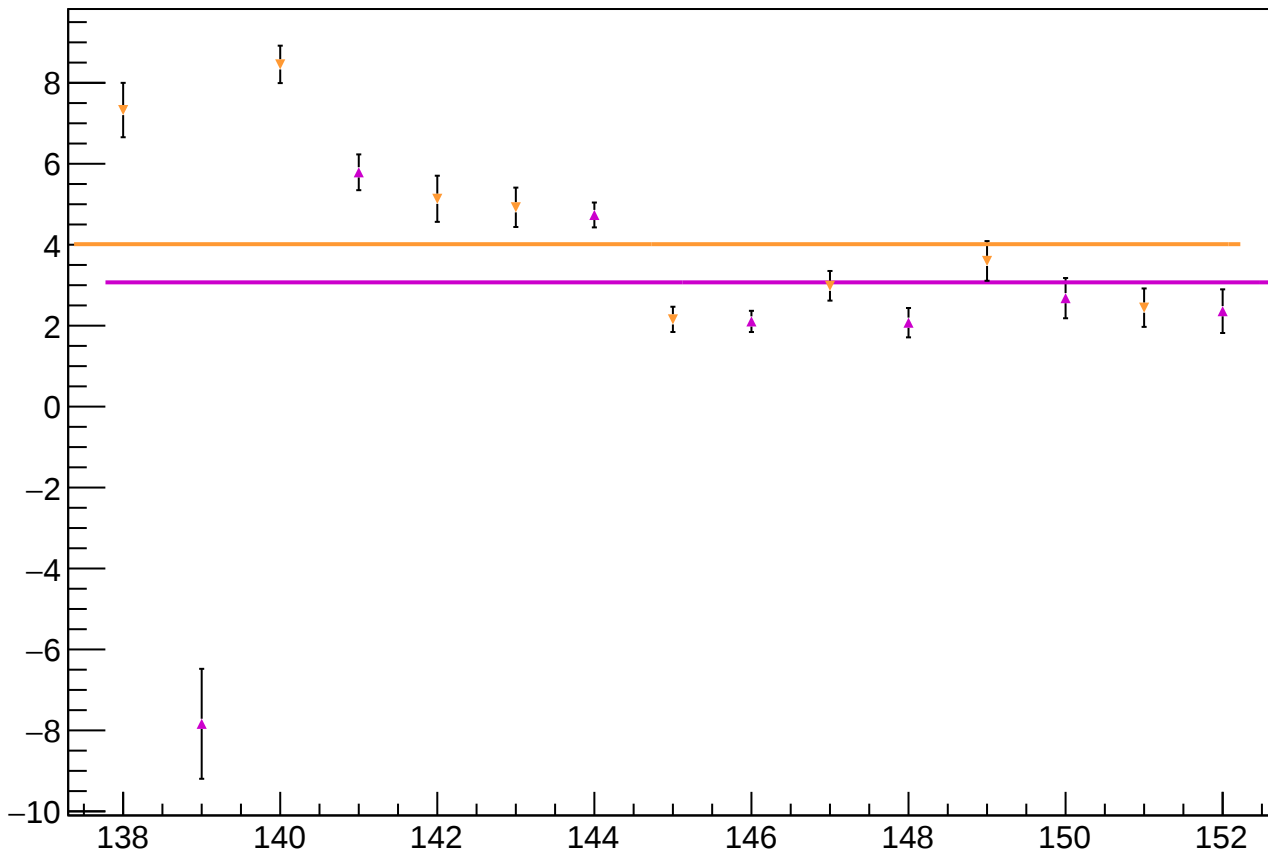
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.665+/-0.219 χ^2/NDF :564.0/6

Out: -9.779+/-0.225 χ^2/NDF :1146.4/7

All: -7.665+/-0.157 χ^2/NDF : 1881.8/14

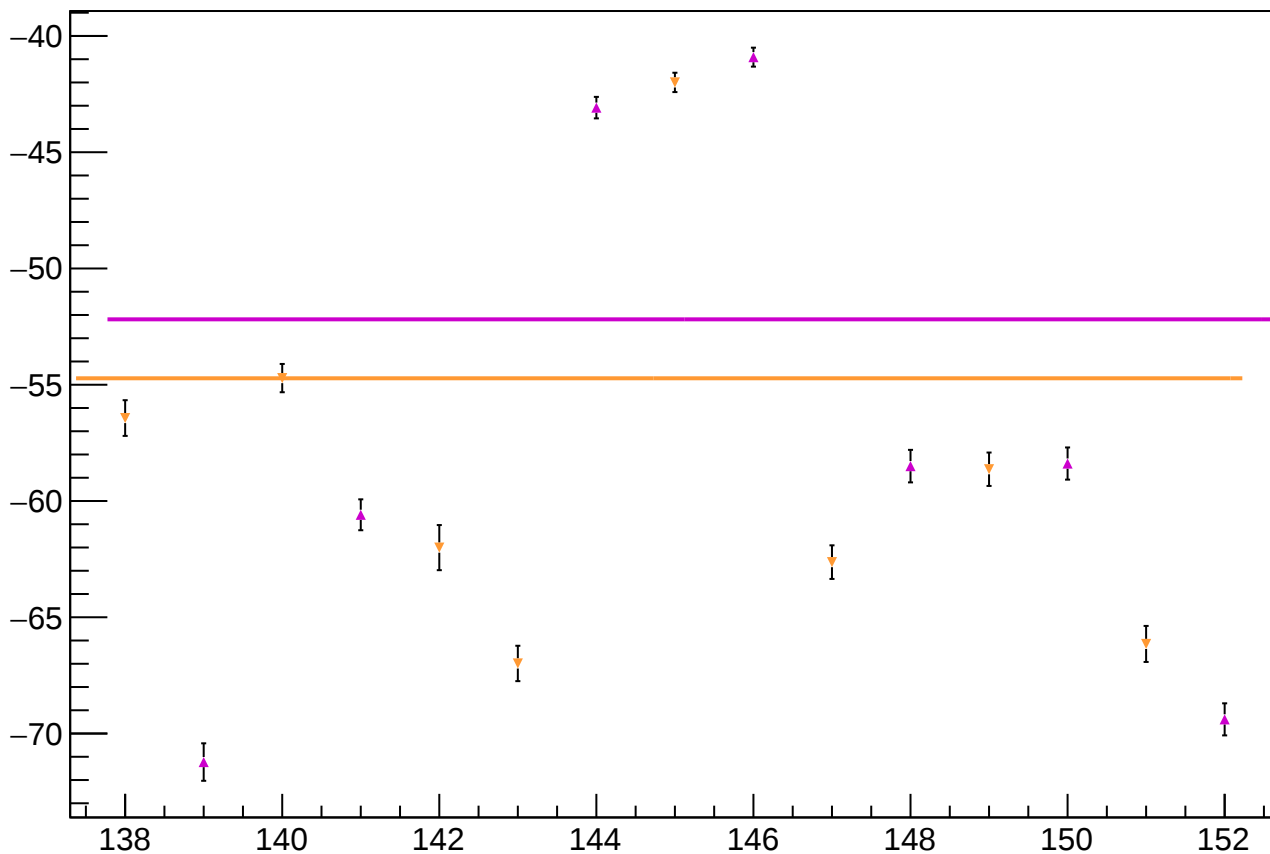
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.013+/-0.157 χ^2/NDF :179.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.070+/-0.148 χ^2/NDF :155.2/6

Left: 3.512+/-0.108 χ^2/NDF : 353.3/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.070+/-0.148 χ^2/NDF :155.2/6
 Out: 4.013+/-0.157 χ^2/NDF :179.0/7
 All: 3.512+/-0.108 χ^2/NDF : 353.3/14

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.723+/-0.233 χ^2/NDF :1624.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.187+/-0.220 χ^2/NDF :2654.3/6

Left: -53.383+/-0.160 χ^2/NDF : 4341.4/14

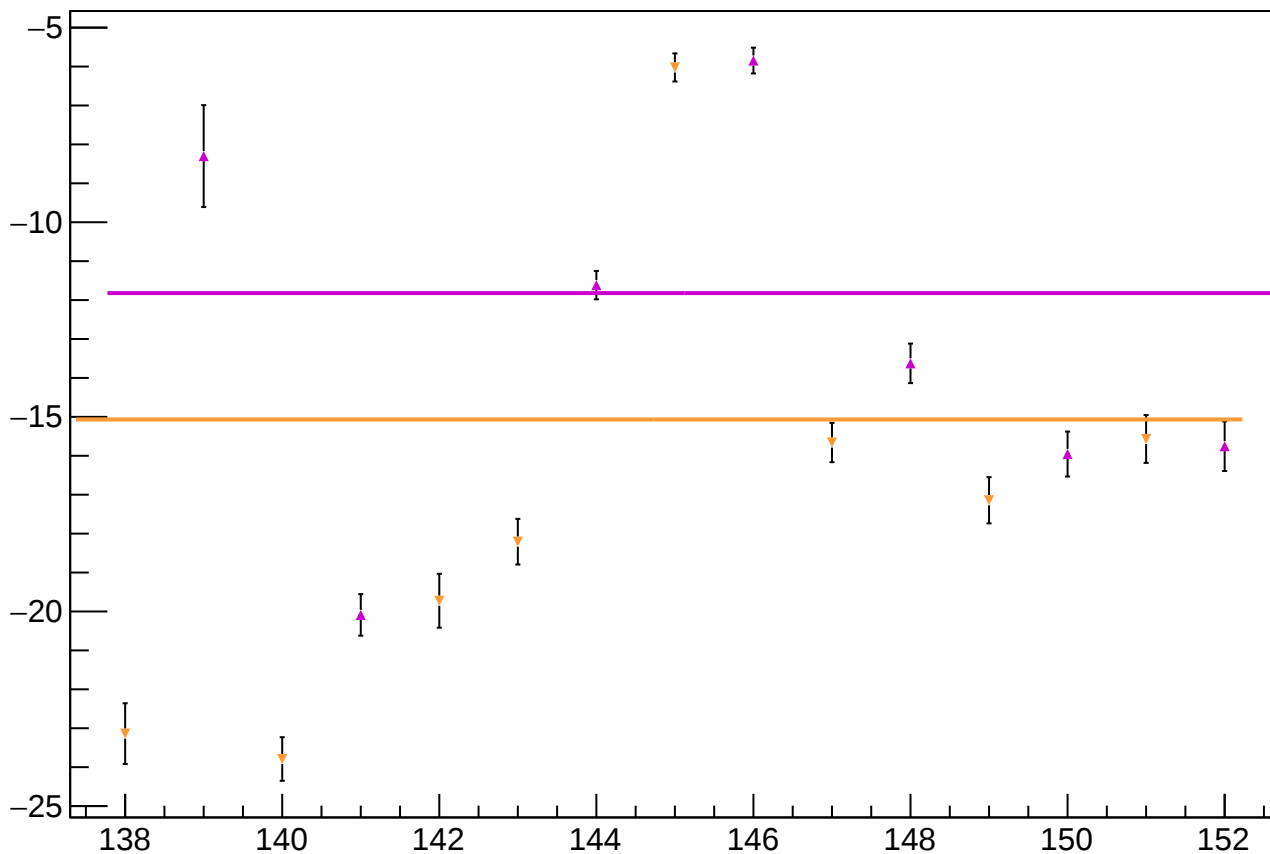
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.187+/-0.220 χ^2/NDF :2654.3/6

Out: -54.723+/-0.233 χ^2/NDF :1624.2/7

All: -53.383+/-0.160 χ^2/NDF : 4341.4/14

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -15.067 ± 0.193 χ^2/NDF : 1066.1/7

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -11.820 ± 0.182 χ^2/NDF : 674.7/6

Left: -13.354 ± 0.132 χ^2/NDF : 1890.5/14

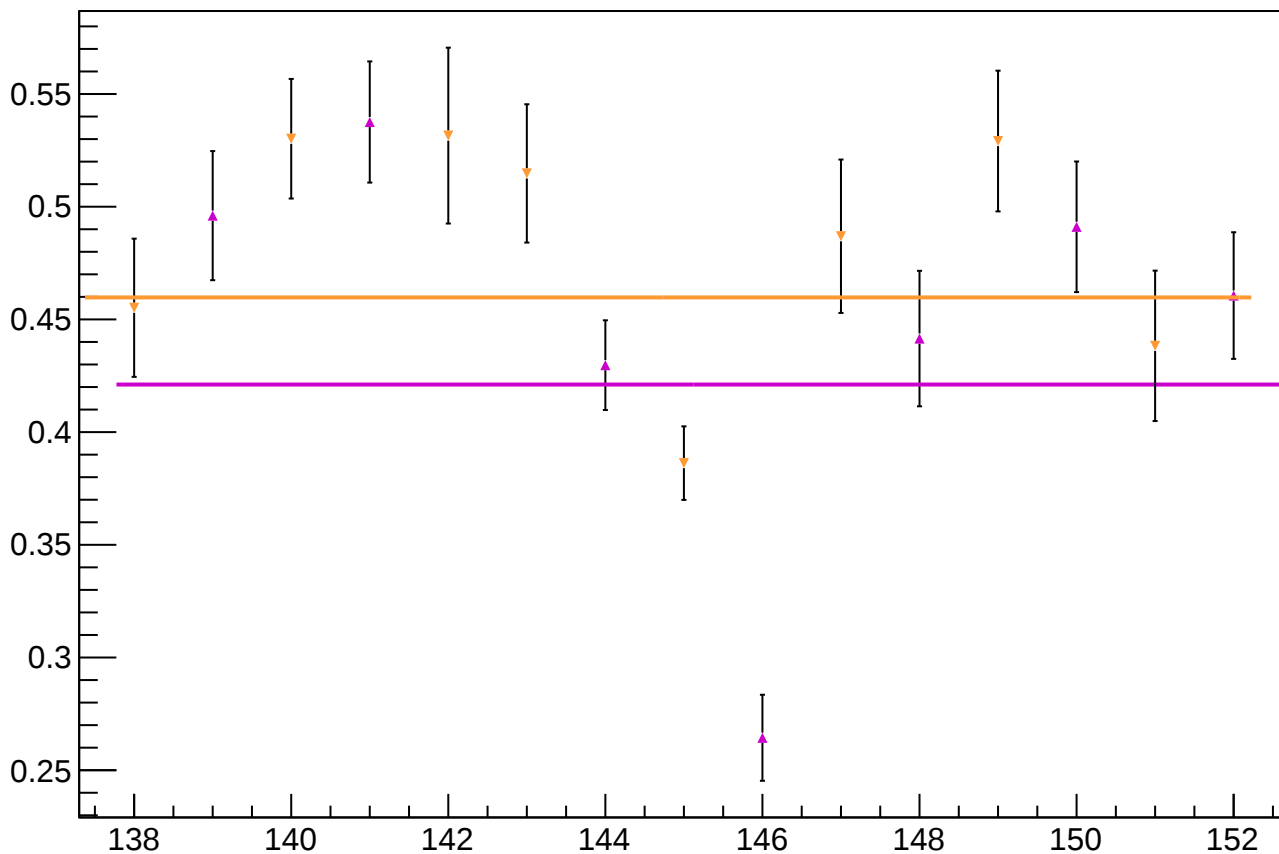
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.820 ± 0.182 χ^2/NDF : 674.7/6

Out: -15.067 ± 0.193 χ^2/NDF : 1066.1/7

All: -13.354 ± 0.132 χ^2/NDF : 1890.5/14

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.460+/-0.010 χ^2/NDF :40.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.421+/-0.009 χ^2/NDF :101.5/6

Left: 0.440+/-0.007 χ^2/NDF : 149.7/14

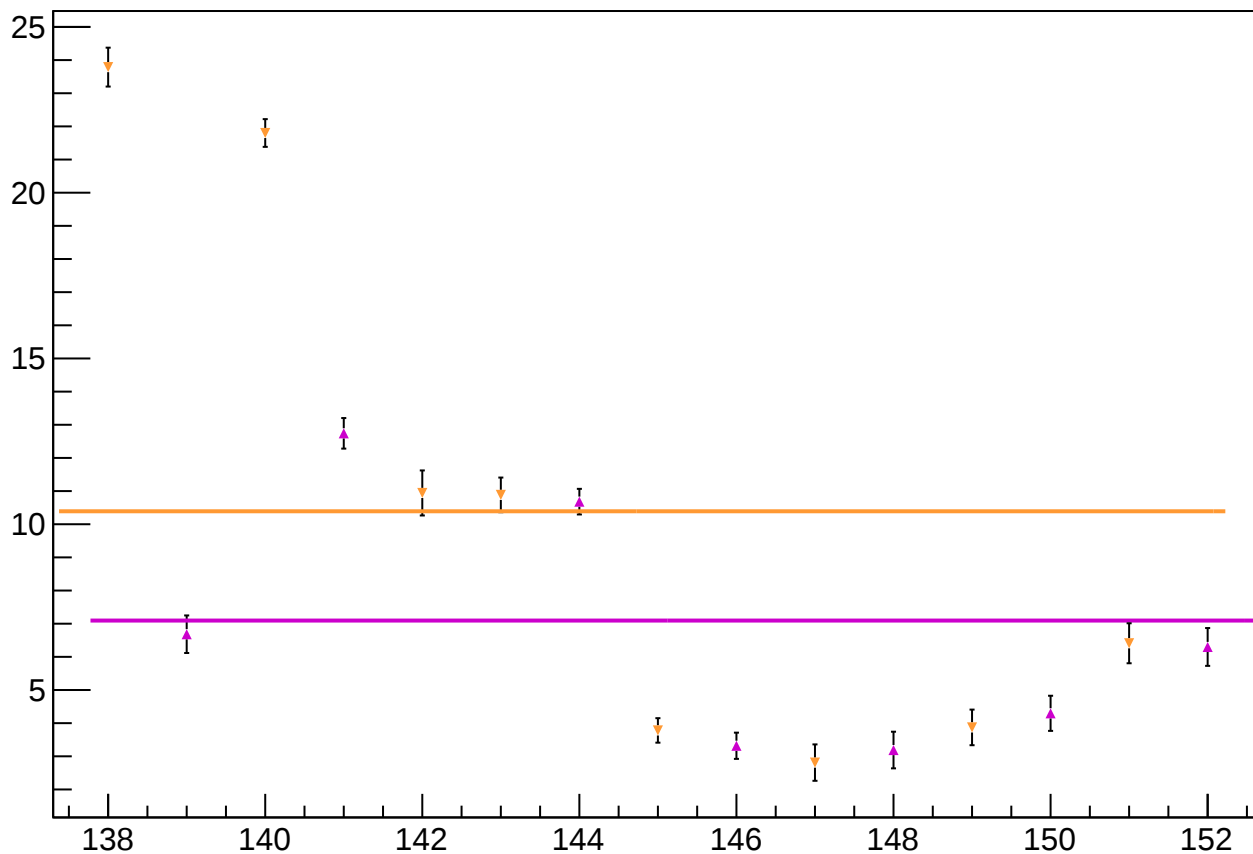
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.421+/-0.009 χ^2/NDF :101.5/6

Out: 0.460+/-0.010 χ^2/NDF :40.0/7

All: 0.440+/-0.007 χ^2/NDF : 149.7/14

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.391+/-0.179 χ^2/NDF :1968.8/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.095+/-0.180 χ^2/NDF :407.6/6

Left: 8.756+/-0.127 χ^2/NDF : 2545.2/14

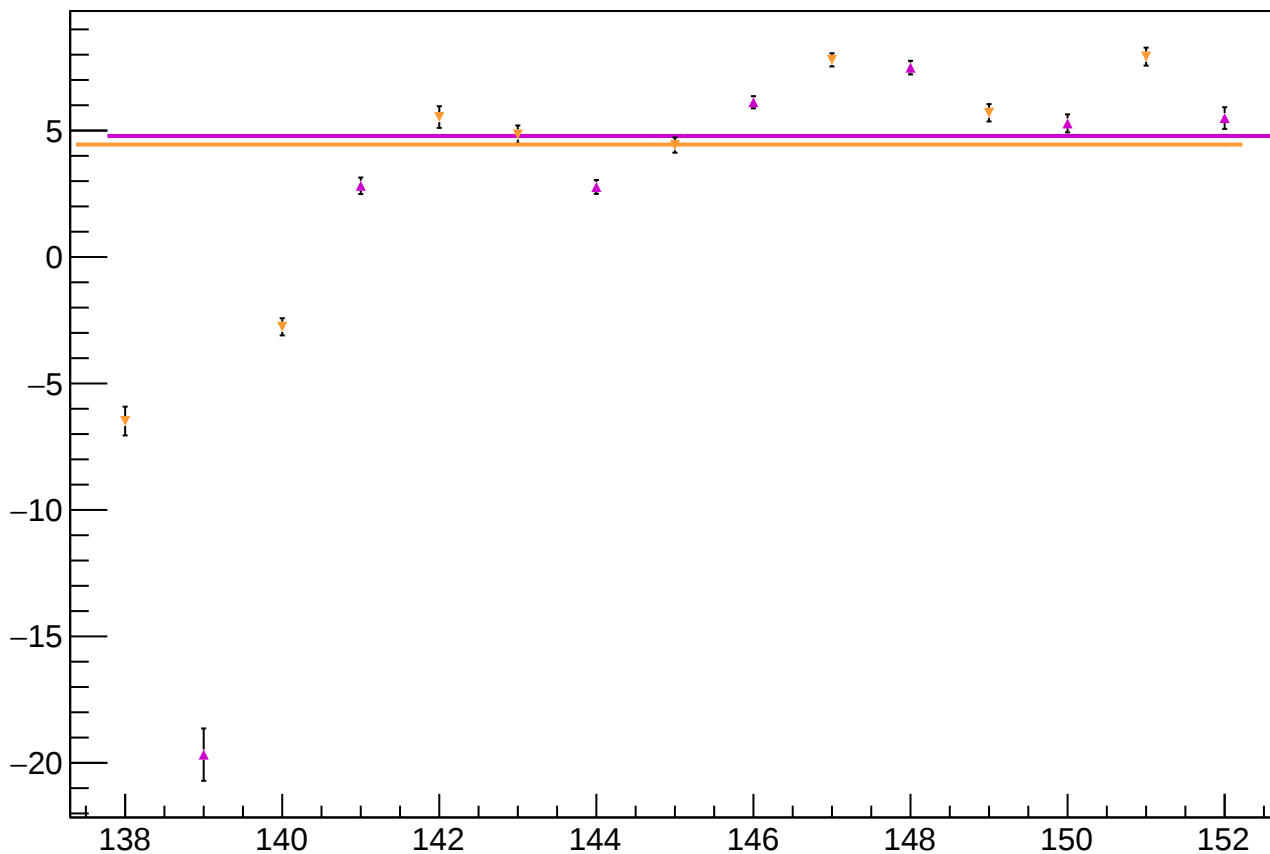
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.095+/-0.180 χ^2/NDF :407.6/6

Out: 10.391+/-0.179 χ^2/NDF :1968.8/7

All: 8.756+/-0.127 χ^2/NDF : 2545.2/14

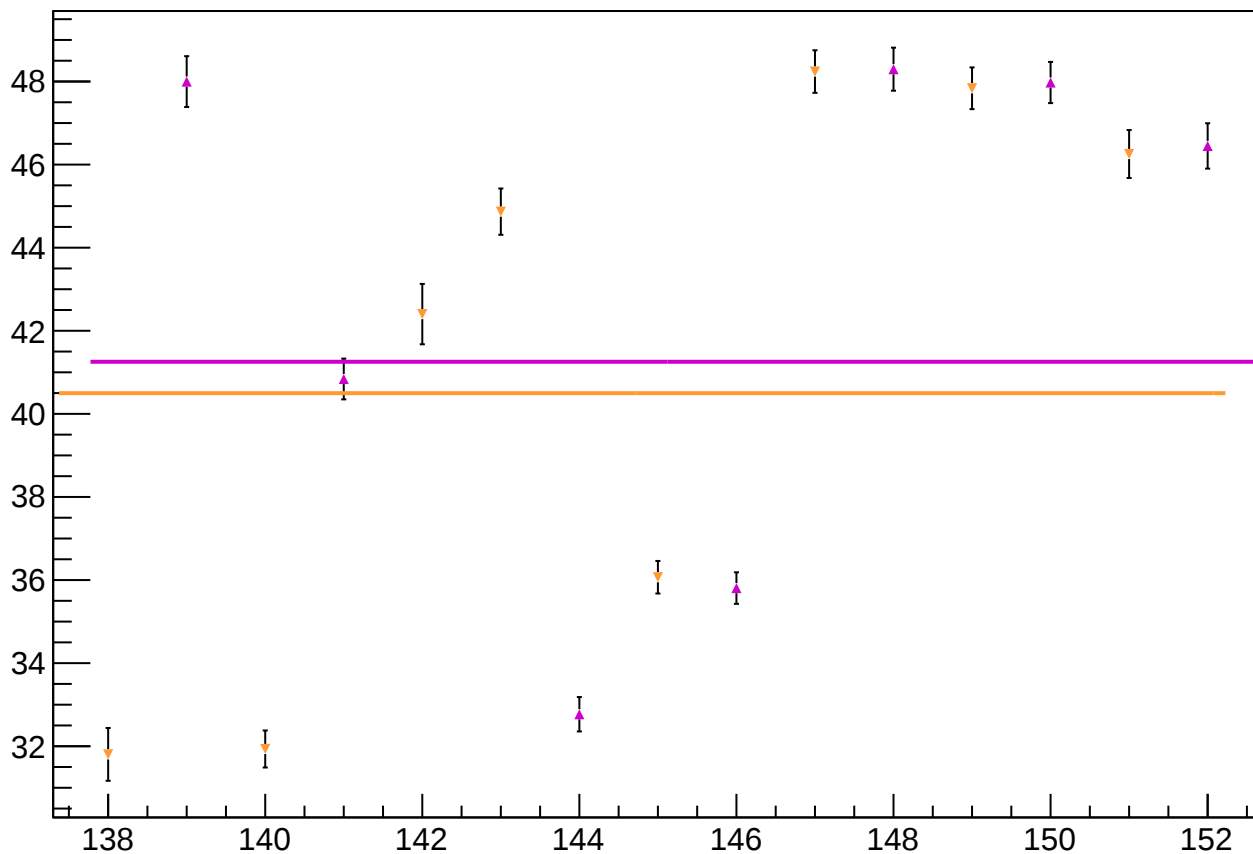
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.447+/-0.122 χ^2/NDF :1101.0/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.786+/-0.121 χ^2/NDF :783.7/6

Left: 4.617+/-0.086 χ^2/NDF : 1888.6/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.786+/-0.121 χ^2/NDF :783.7/6
 Out: 4.447+/-0.122 χ^2/NDF :1101.0/7
 All: 4.617+/-0.086 χ^2/NDF : 1888.6/14

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.499+/-0.183 χ^2/NDF :1294.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Left: 40.882+/-0.128 χ^2/NDF : 2510.5/14

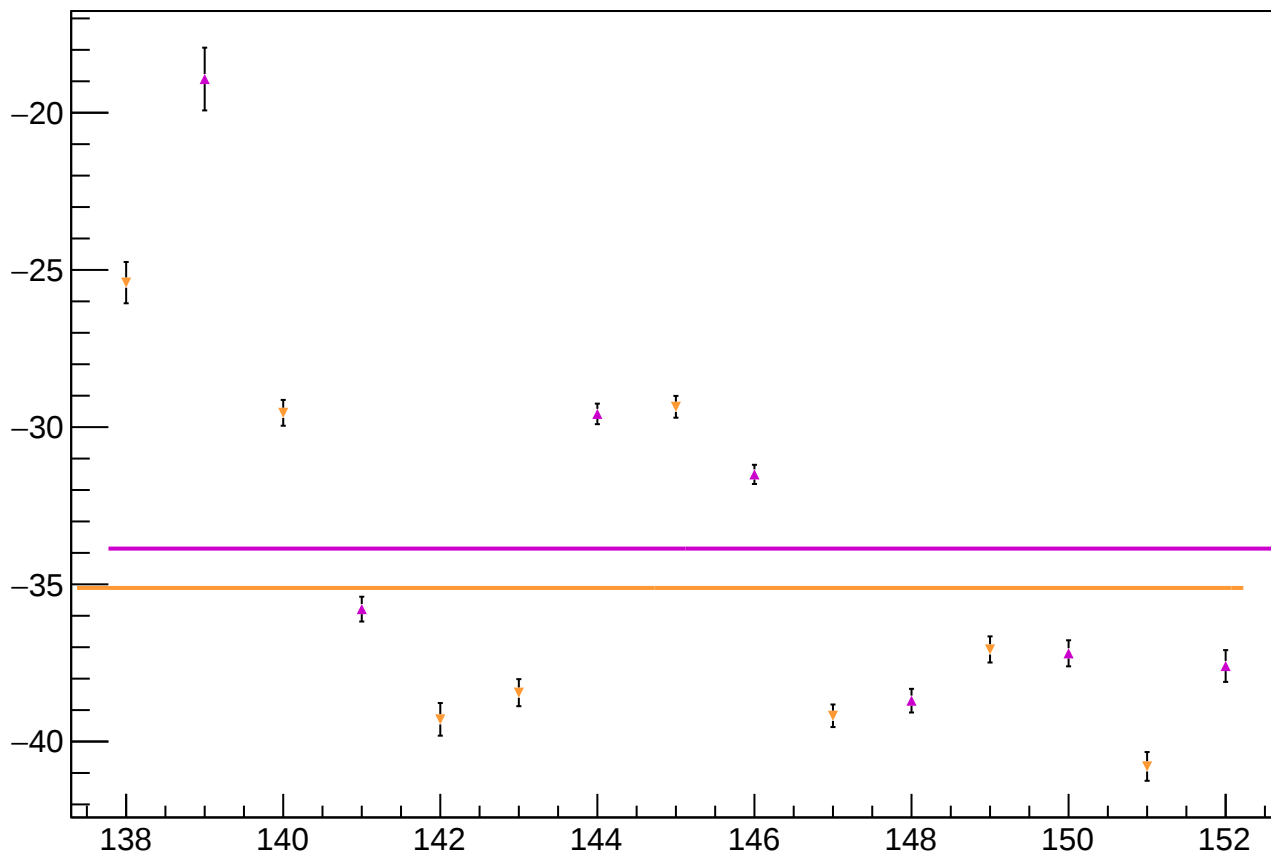
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Out: 40.499+/-0.183 χ^2/NDF :1294.1/7

All: 40.882+/-0.128 χ^2/NDF : 2510.5/14

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.114+/-0.151 χ^2/NDF :1108.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.863+/-0.150 χ^2/NDF :764.4/6

Left: -34.486+/-0.106 χ^2/NDF : 1907.0/14

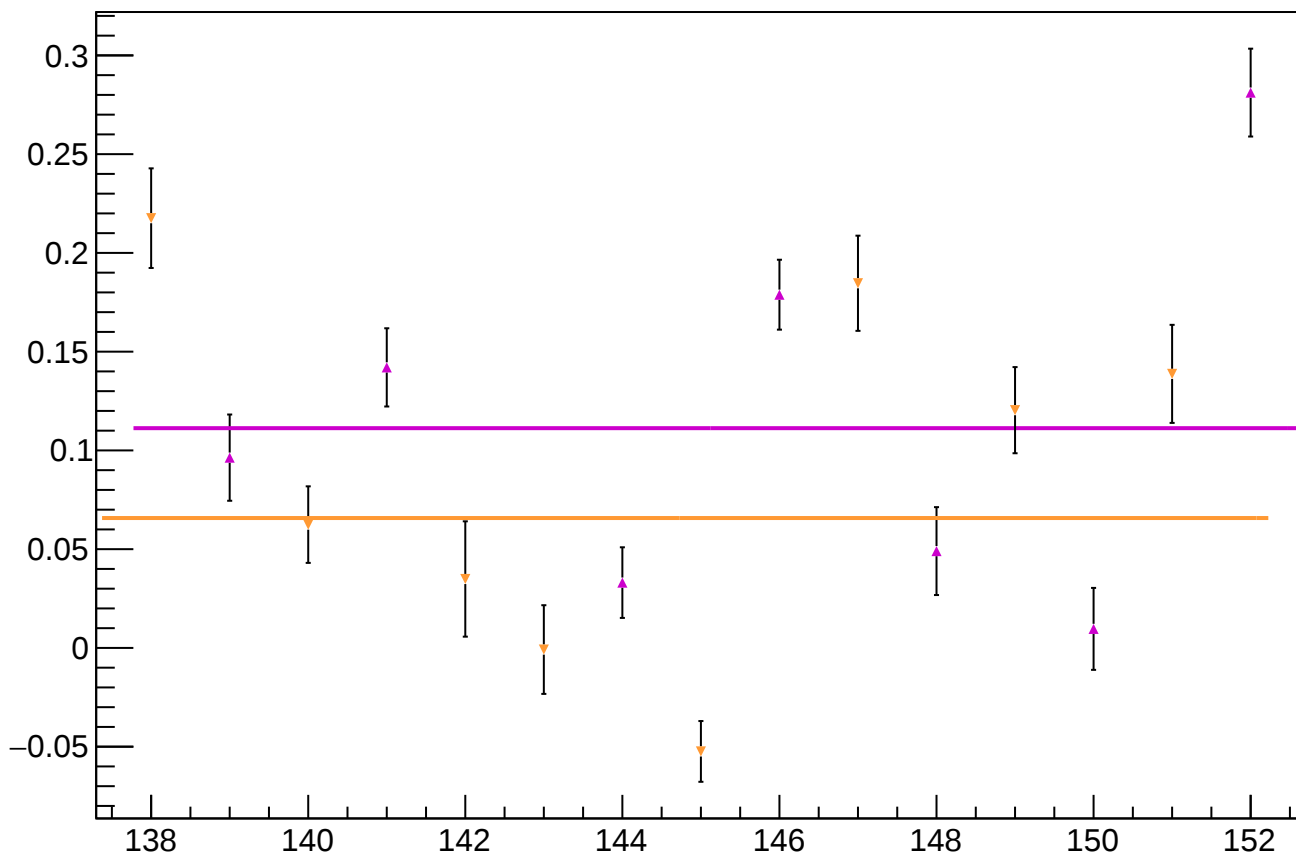
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.863+/-0.150 χ^2/NDF :764.4/6

Out: -35.114+/-0.151 χ^2/NDF :1108.1/7

All: -34.486+/-0.106 χ^2/NDF : 1907.0/14

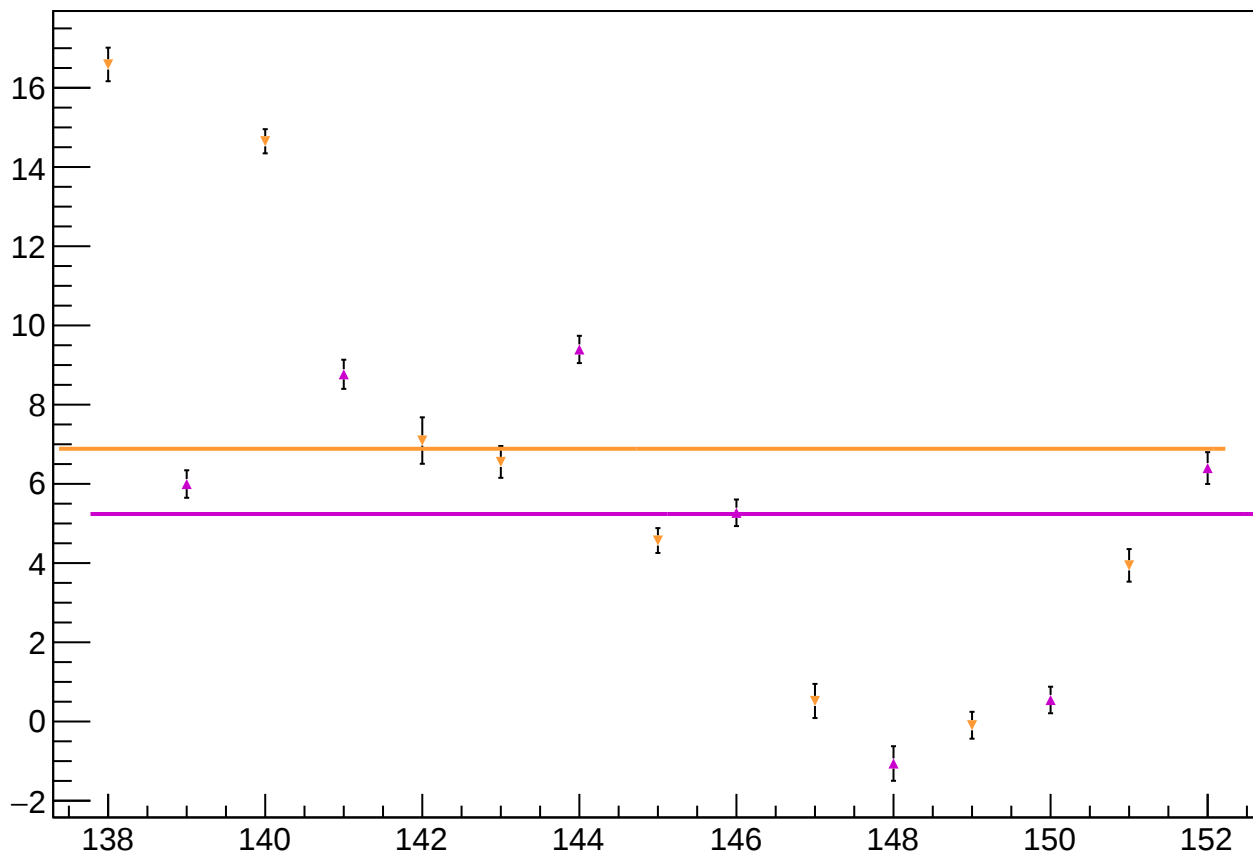
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.066 $\pm$ 0.008 χ^2 /NDF:144.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6

Left: 0.089 $\pm$ 0.005 χ^2 /NDF: 289.0/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6
 Out: 0.066 $\pm$ 0.008 χ^2 /NDF:144.5/7
 All: 0.089 $\pm$ 0.005 χ^2 /NDF: 289.0/14

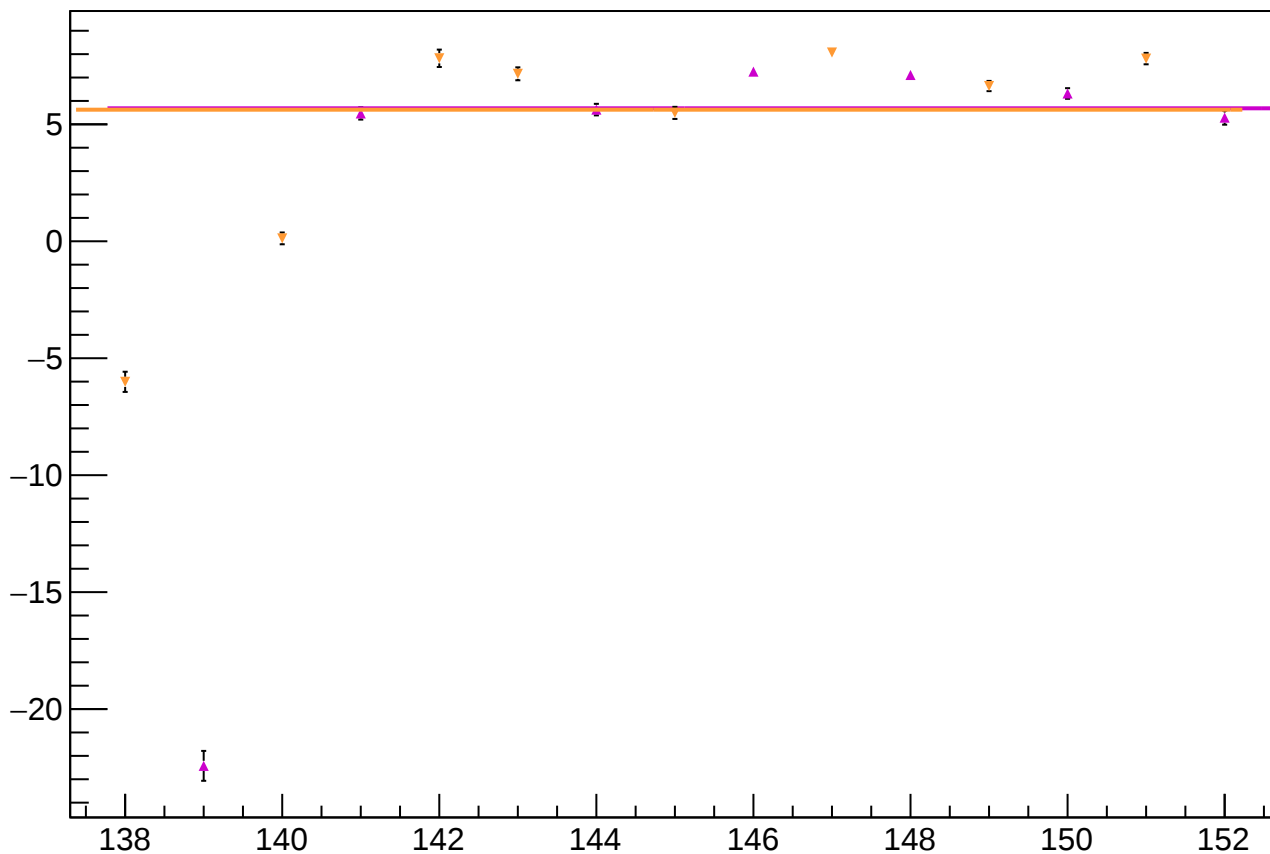
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.886 $\pm$ 0.134 χ^2 /NDF:1919.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.240 $\pm$ 0.137 χ^2 /NDF:655.2/6

Left: 6.079 $\pm$ 0.096 χ^2 /NDF: 2648.8/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.240 $\pm$ 0.137 χ^2 /NDF:655.2/6
 Out: 6.886 $\pm$ 0.134 χ^2 /NDF:1919.8/7
 All: 6.079 $\pm$ 0.096 χ^2 /NDF: 2648.8/14

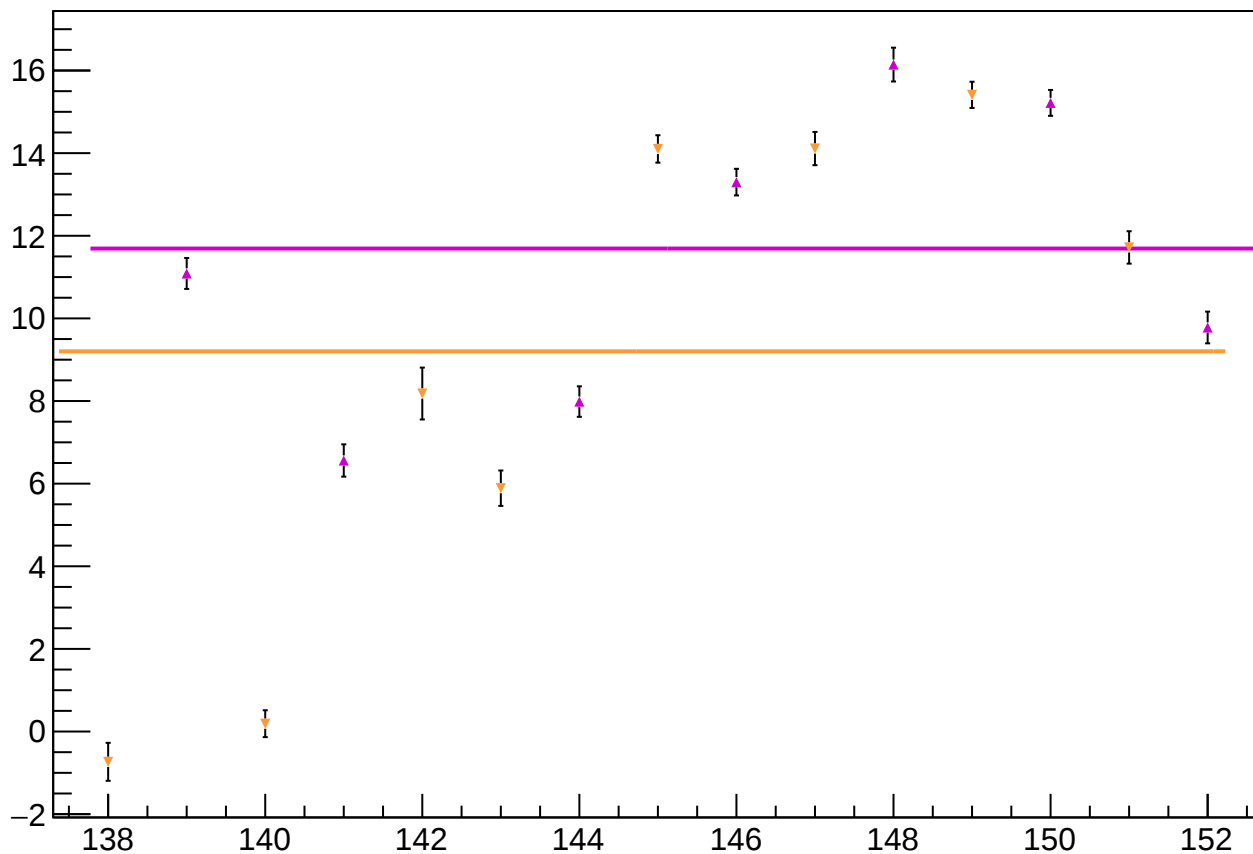
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.626 $\pm$ 0.092 χ^2 /NDF:1507.4/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6

Left: 5.654 $\pm$ 0.067 χ^2 /NDF: 3551.1/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6
 Out: 5.626 $\pm$ 0.092 χ^2 /NDF:1507.4/7
 All: 5.654 $\pm$ 0.067 χ^2 /NDF: 3551.1/14

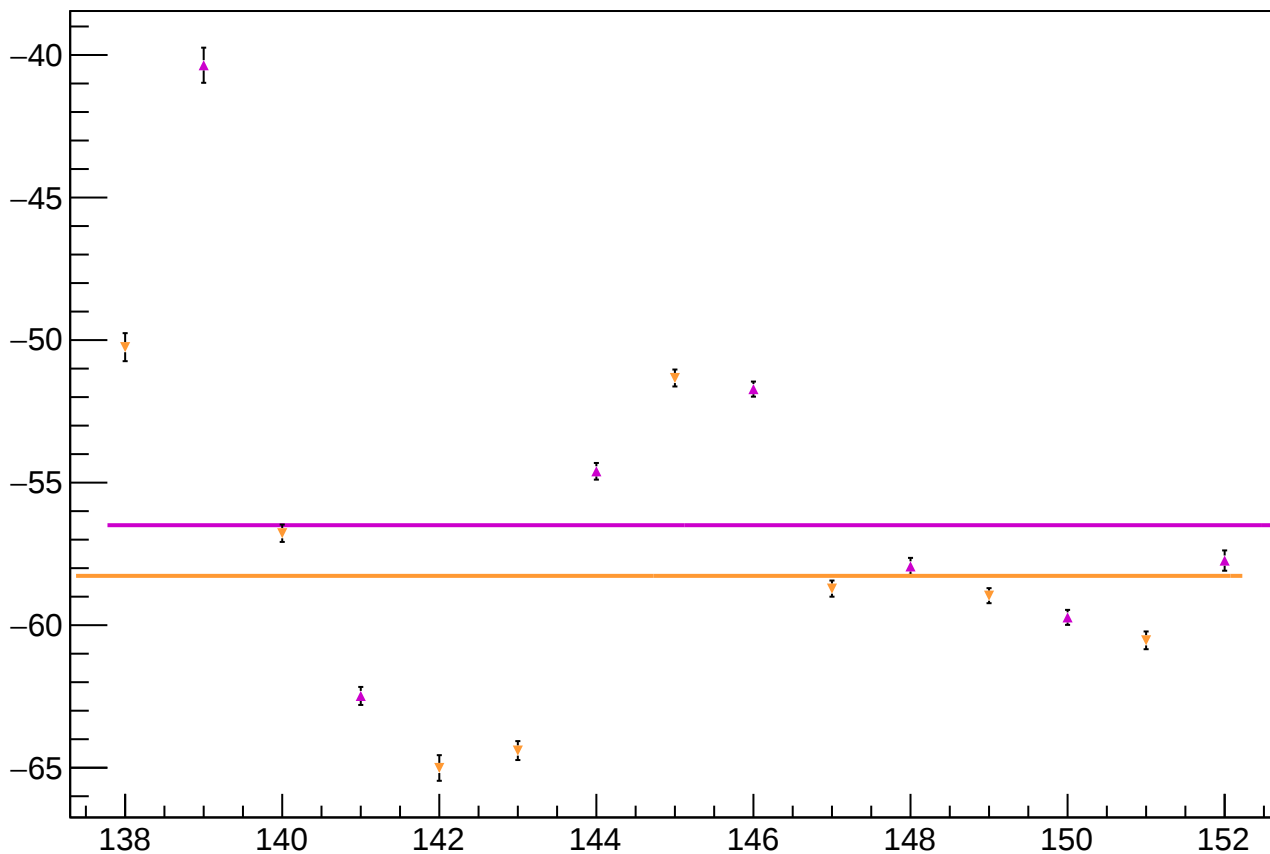
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.203 $\pm$ 0.136 χ^2 /NDF:2089.0/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6

Left: 10.443 $\pm$ 0.096 χ^2 /NDF: 2825.2/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6
 Out: 9.203 $\pm$ 0.136 χ^2 /NDF:2089.0/7
 All: 10.443 $\pm$ 0.096 χ^2 /NDF: 2825.2/14

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.270+/-0.114 χ^2/NDF :1463.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Left: -57.413+/-0.082 χ^2/NDF : 3179.0/14

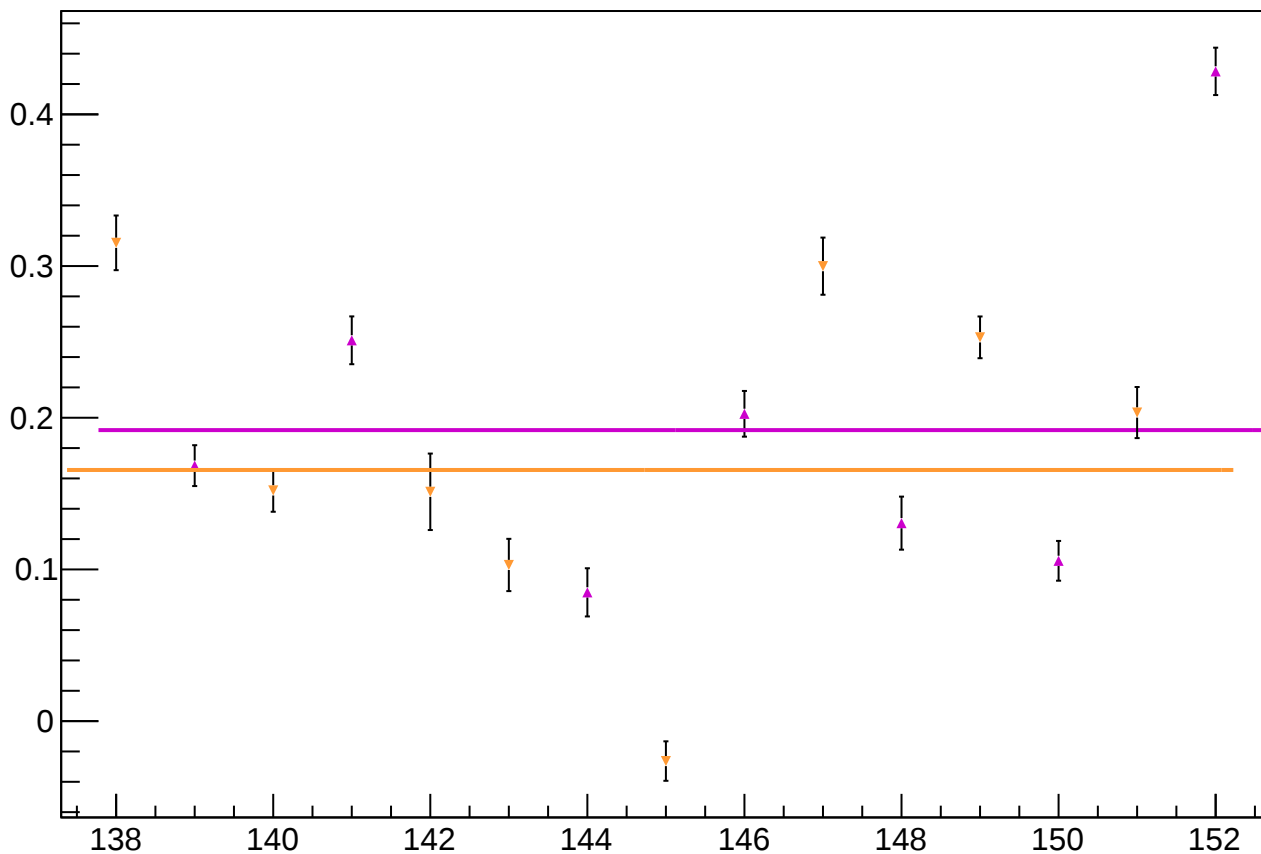
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Out: -58.270+/-0.114 χ^2/NDF :1463.5/7

All: -57.413+/-0.082 χ^2/NDF : 3179.0/14

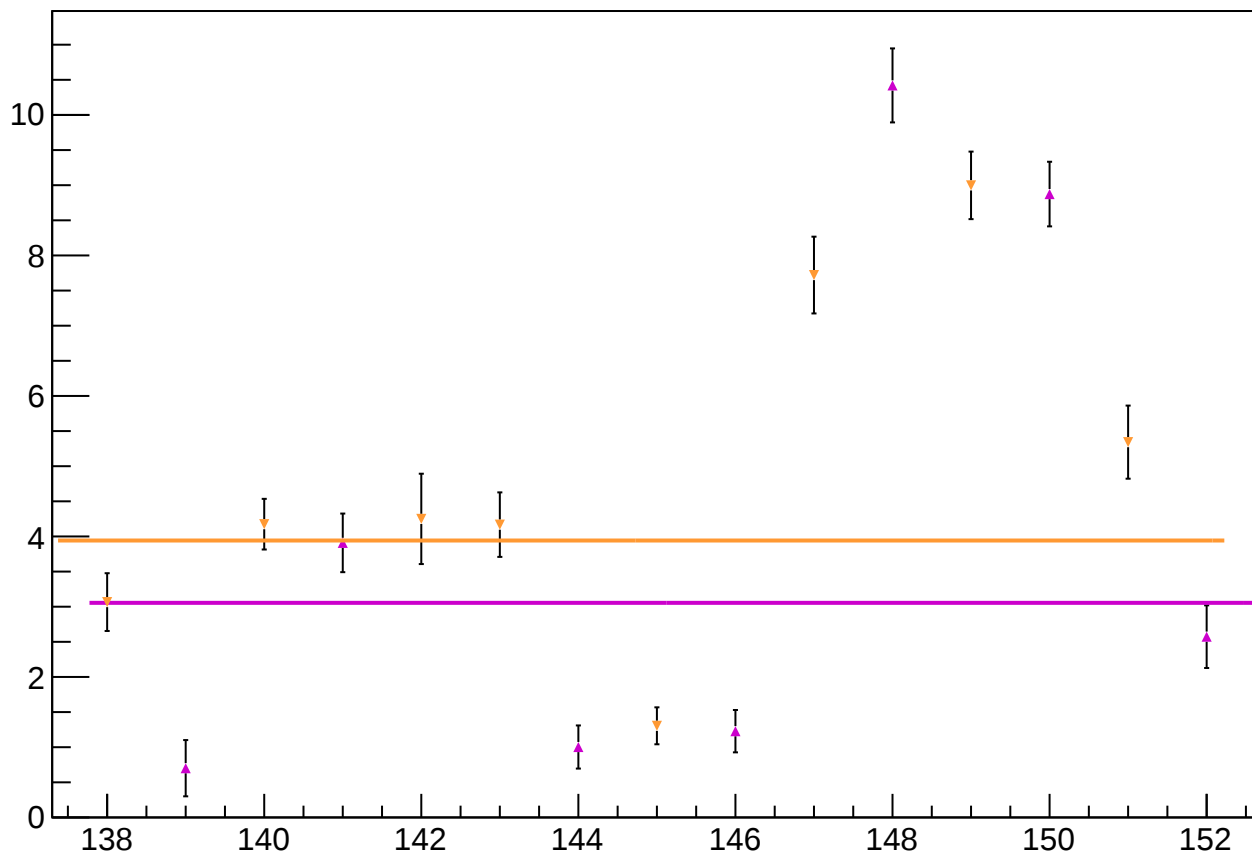
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.166 $\pm$ 0.006 χ^2 /NDF:397.3/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6

Left: 0.179 $\pm$ 0.004 χ^2 /NDF: 755.8/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6
 Out: 0.166 $\pm$ 0.006 χ^2 /NDF:397.3/7
 All: 0.179 $\pm$ 0.004 χ^2 /NDF: 755.8/14

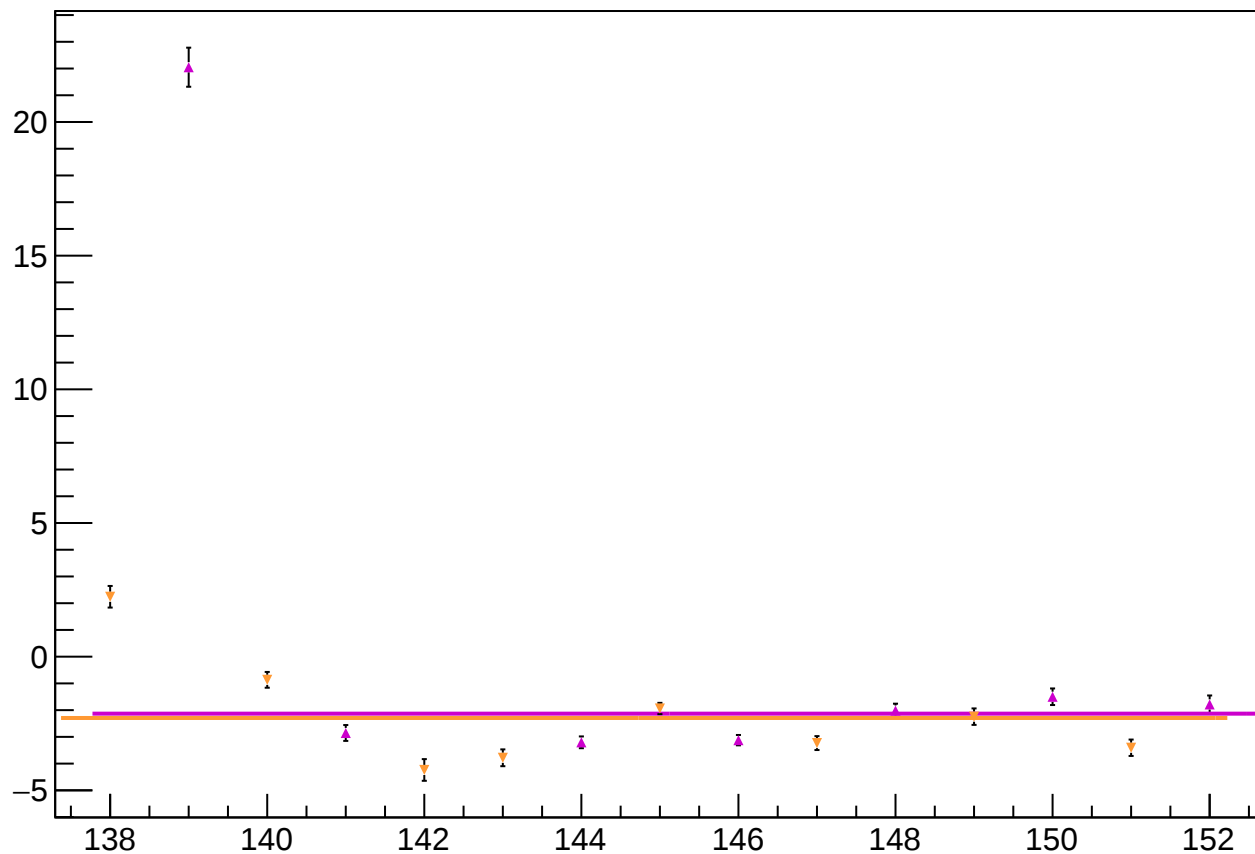
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



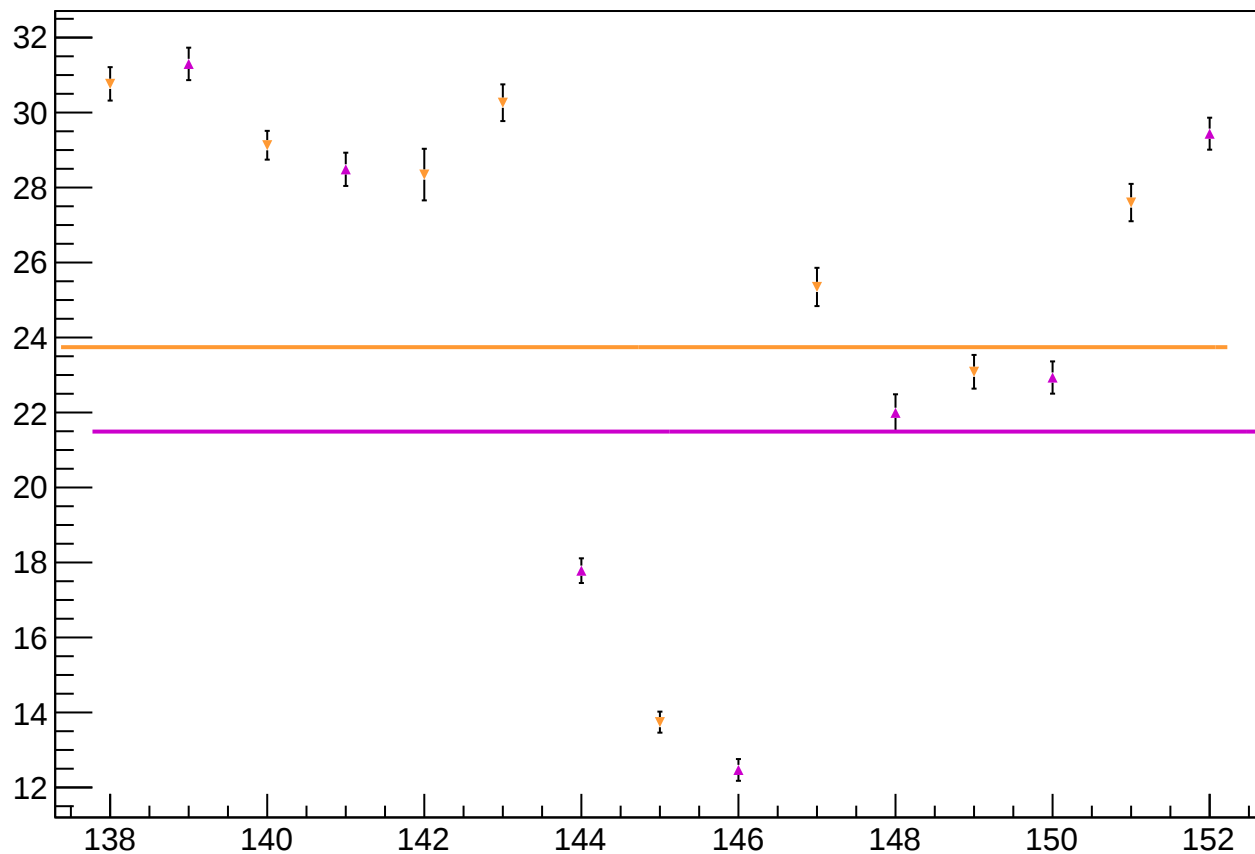
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.942 $\pm$ 0.146 χ^2 /NDF:271.7/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6

Left: 3.497 $\pm$ 0.103 χ^2 /NDF: 767.1/14
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6
 Out: 3.942 $\pm$ 0.146 χ^2 /NDF:271.7/7
 All: 3.497 $\pm$ 0.103 χ^2 /NDF: 767.1/14

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



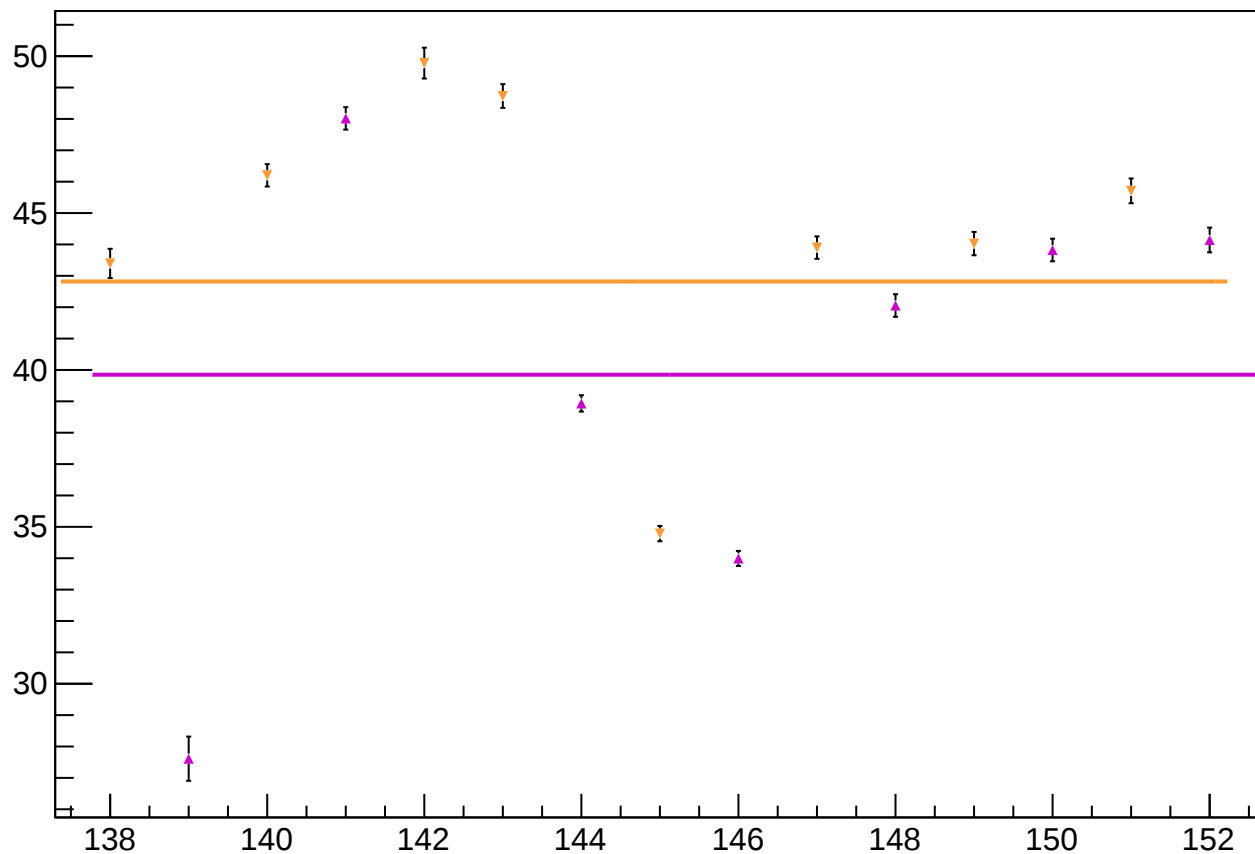
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.743+/-0.151 χ^2/NDF :2011.4/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.491+/-0.147 χ^2/NDF :2216.4/6

Left: 22.581+/-0.105 χ^2/NDF : 4342.0/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.491+/-0.147 χ^2/NDF :2216.4/6
 Out: 23.743+/-0.151 χ^2/NDF :2011.4/7
 All: 22.581+/-0.105 χ^2/NDF : 4342.0/14

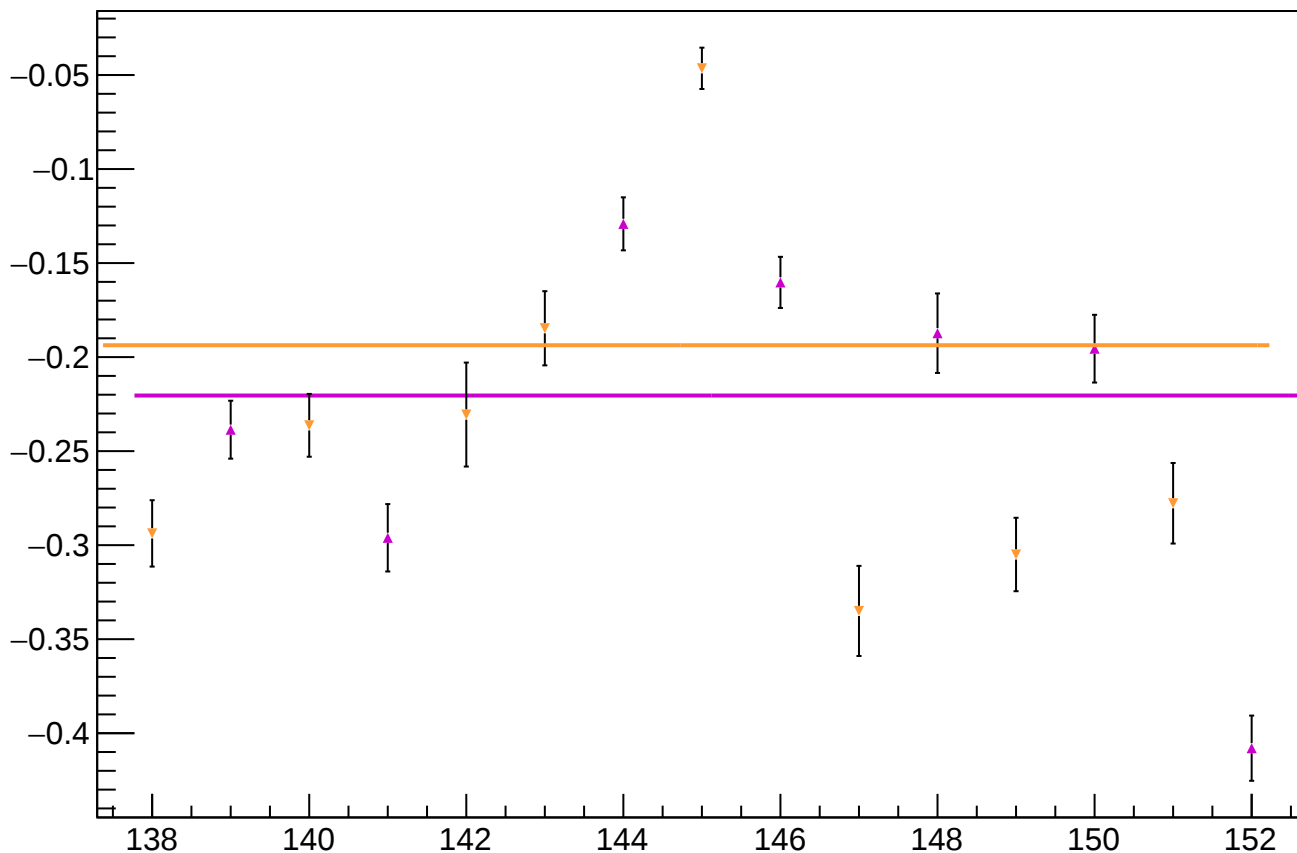
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.819+/-0.127 χ^2/NDF :1693.4/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.848+/-0.125 χ^2/NDF :1706.7/6

Left: 41.312+/-0.089 χ^2/NDF : 3677.1/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.848+/-0.125 χ^2/NDF :1706.7/6
 Out: 42.819+/-0.127 χ^2/NDF :1693.4/7
 All: 41.312+/-0.089 χ^2/NDF : 3677.1/14

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.194+/-0.006 χ^2/NDF :303.0/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.220+/-0.006 χ^2/NDF :202.1/6

Left: -0.207+/-0.004 χ^2/NDF : 514.4/14

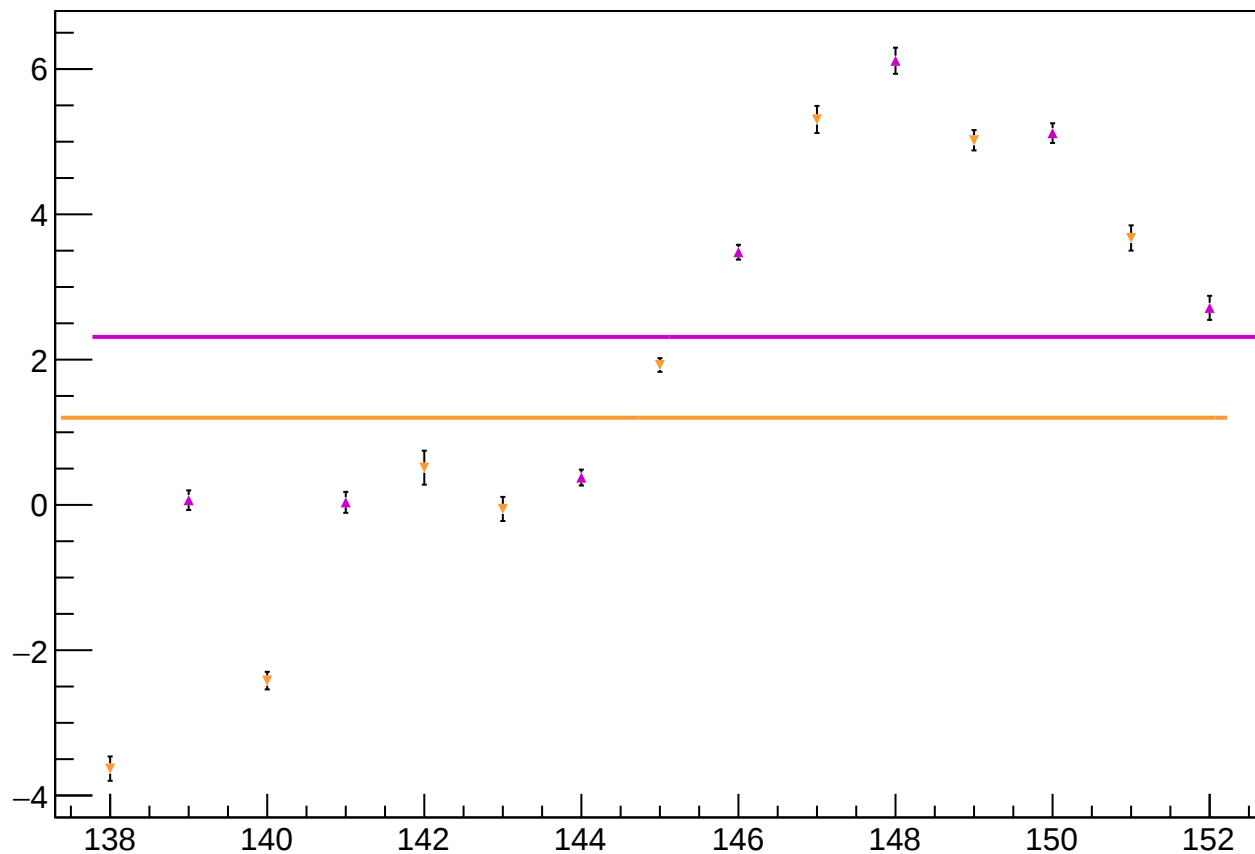
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.220+/-0.006 χ^2/NDF :202.1/6

Out: -0.194+/-0.006 χ^2/NDF :303.0/7

All: -0.207+/-0.004 χ^2/NDF : 514.4/14

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.200+/-0.051 χ^2/NDF :3281.3/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.313+/-0.050 χ^2/NDF :1848.8/6

Left: 1.770+/-0.036 χ^2/NDF : 5373.9/14

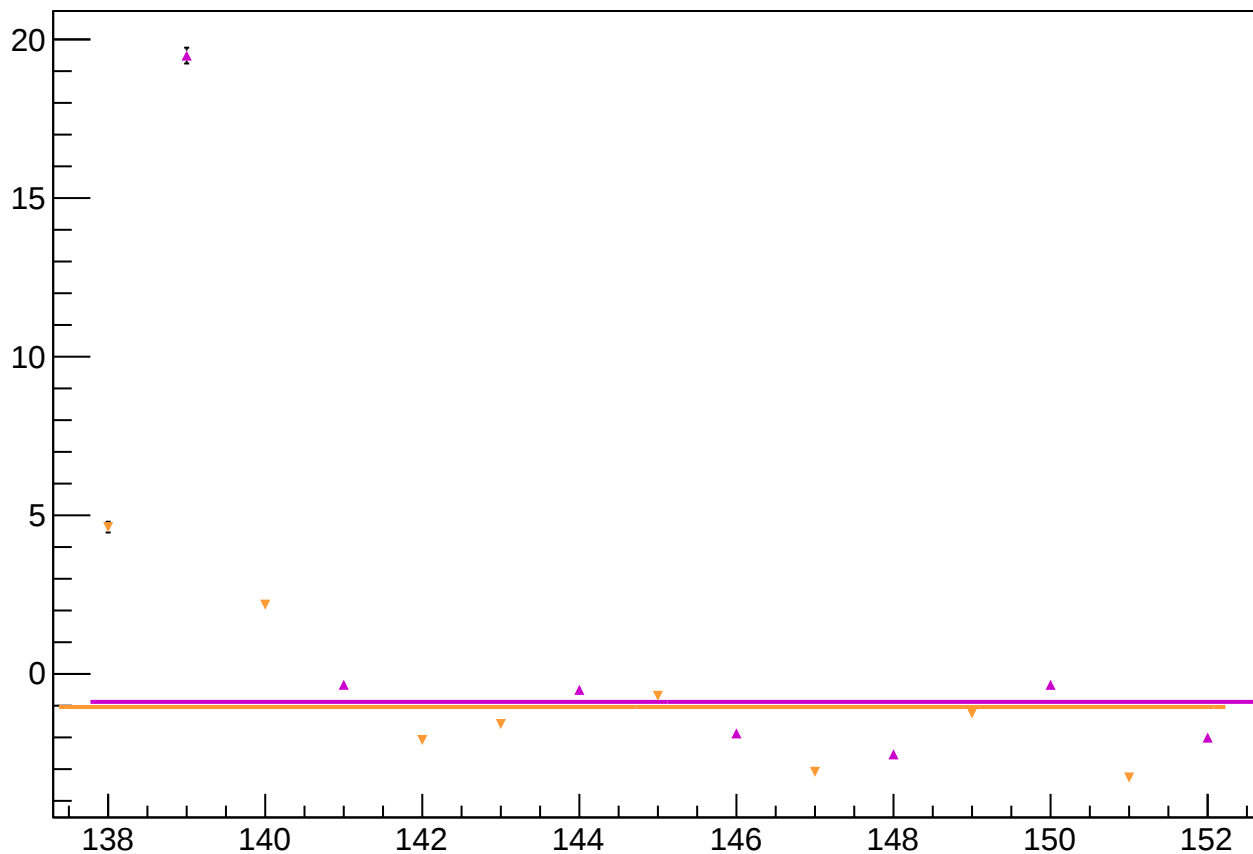
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.313+/-0.050 χ^2/NDF :1848.8/6

Out: 1.200+/-0.051 χ^2/NDF :3281.3/7

All: 1.770+/-0.036 χ^2/NDF : 5373.9/14

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.042+/-0.036 χ^2/NDF : 3247.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Left: -0.959+/-0.025 χ^2/NDF : 10673.4/14

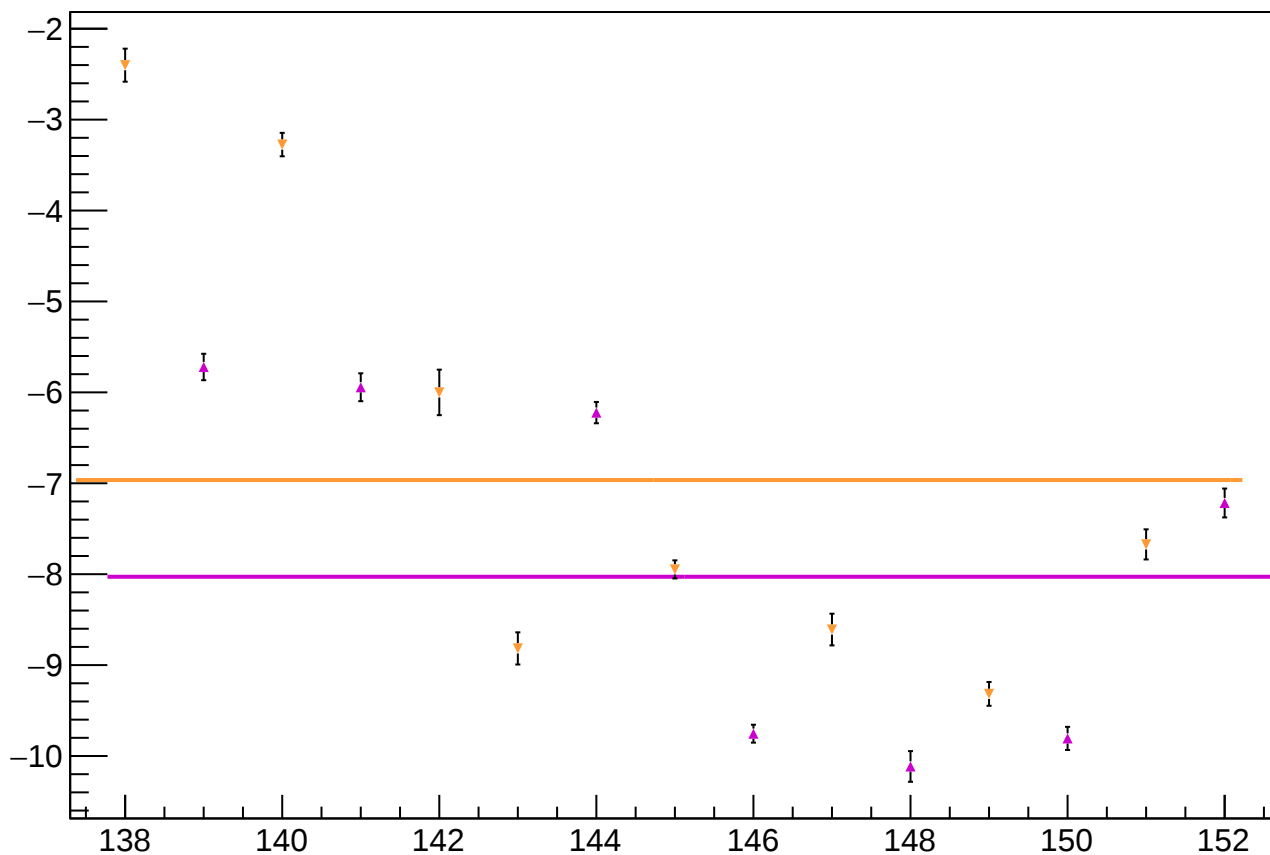
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Out: -1.042+/-0.036 χ^2/NDF : 3247.4/7

All: -0.959+/-0.025 χ^2/NDF : 10673.4/14

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

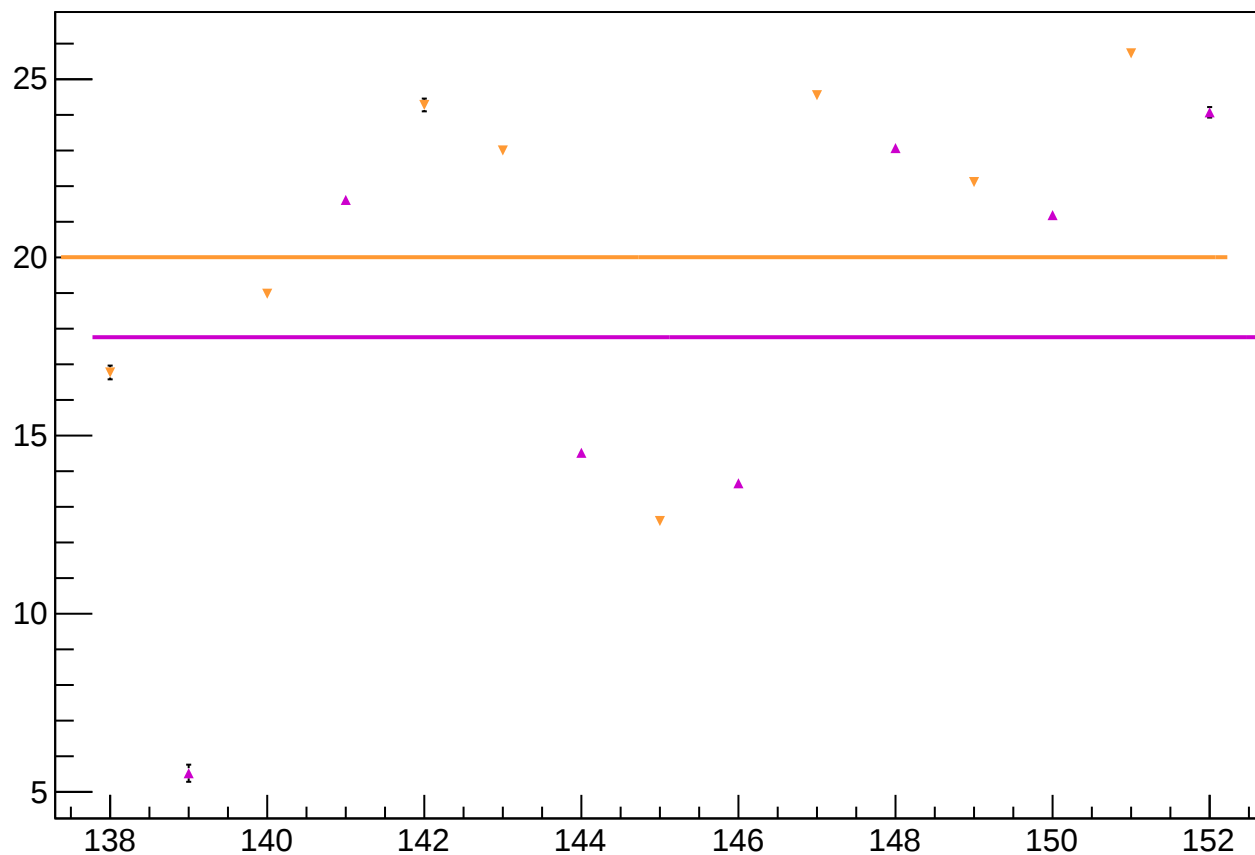


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.965+/-0.052 χ^2/NDF :2100.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Left: -7.521+/-0.036 χ^2/NDF : 3673.7/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.028+/-0.050 χ^2/NDF :1355.7/6
 Out: -6.965+/-0.052 χ^2/NDF :2100.9/7

All: -7.521+/-0.036 χ^2/NDF : 3673.7/14

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.006+/-0.044 χ^2/NDF :12088.5/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.761+/-0.043 χ^2/NDF :11977.2/6

Left: 18.853+/-0.031 χ^2/NDF : 25404.7/14

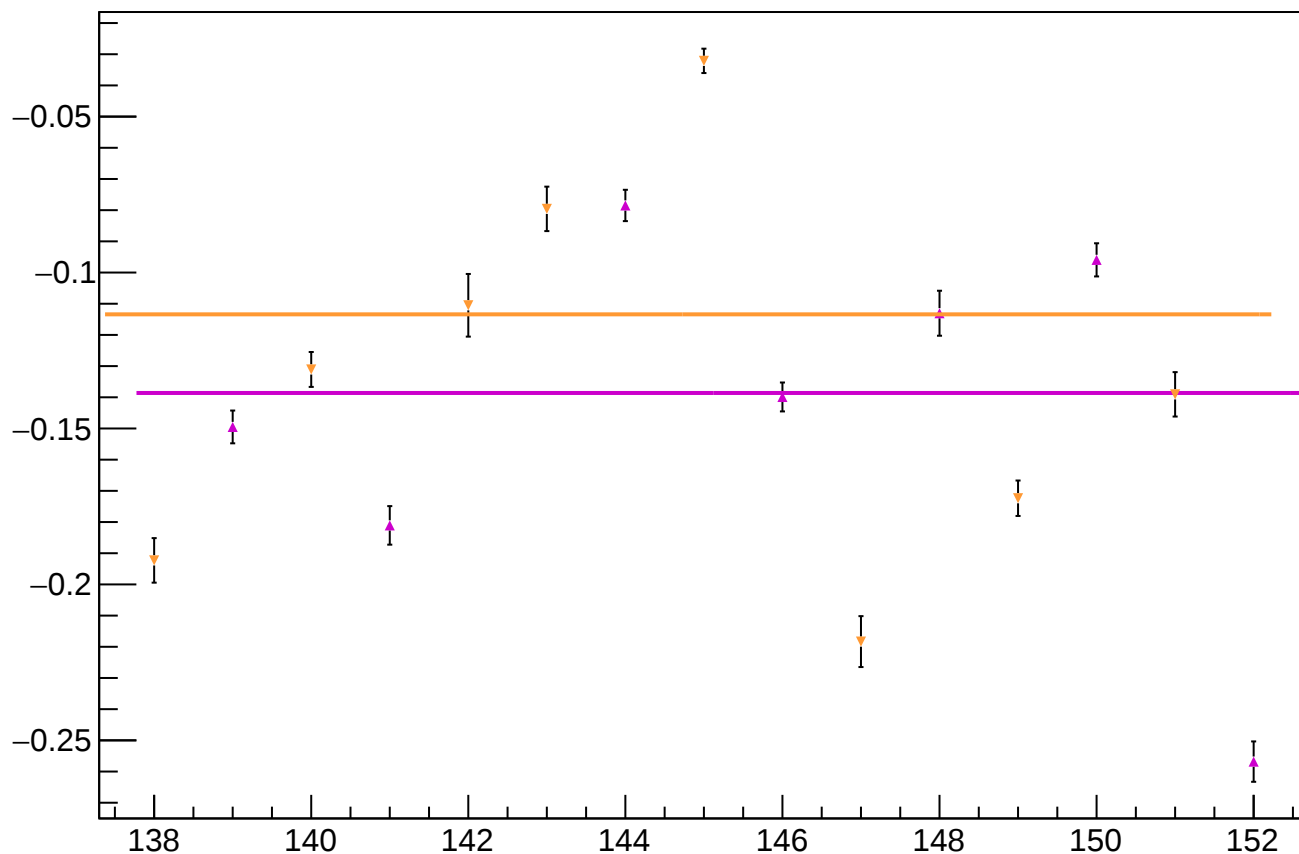
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.761+/-0.043 χ^2/NDF :11977.2/6

Out: 20.006+/-0.044 χ^2/NDF :12088.5/7

All: 18.853+/-0.031 χ^2/NDF : 25404.7/14

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.113+/-0.002 χ^2/NDF : 873.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.139+/-0.002 χ^2/NDF : 605.4/6

Left: -0.126+/-0.002 χ^2/NDF : 1548.3/14

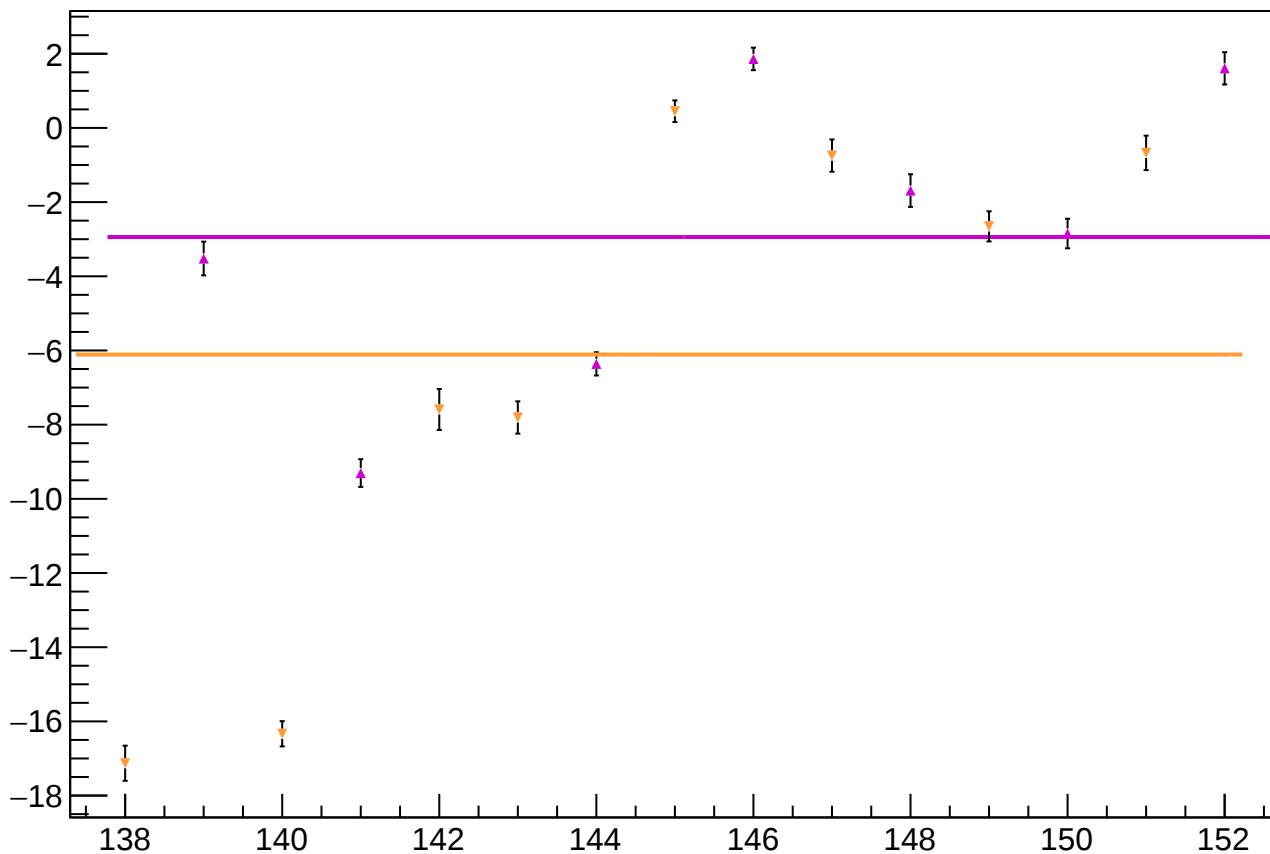
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.139+/-0.002 χ^2/NDF : 605.4/6

Out: -0.113+/-0.002 χ^2/NDF : 873.2/7

All: -0.126+/-0.002 χ^2/NDF : 1548.3/14

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.110+/-0.142 χ^2/NDF :2333.9/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.941+/-0.142 χ^2/NDF :778.7/6

Left: -4.518+/-0.100 χ^2/NDF : 3361.5/14

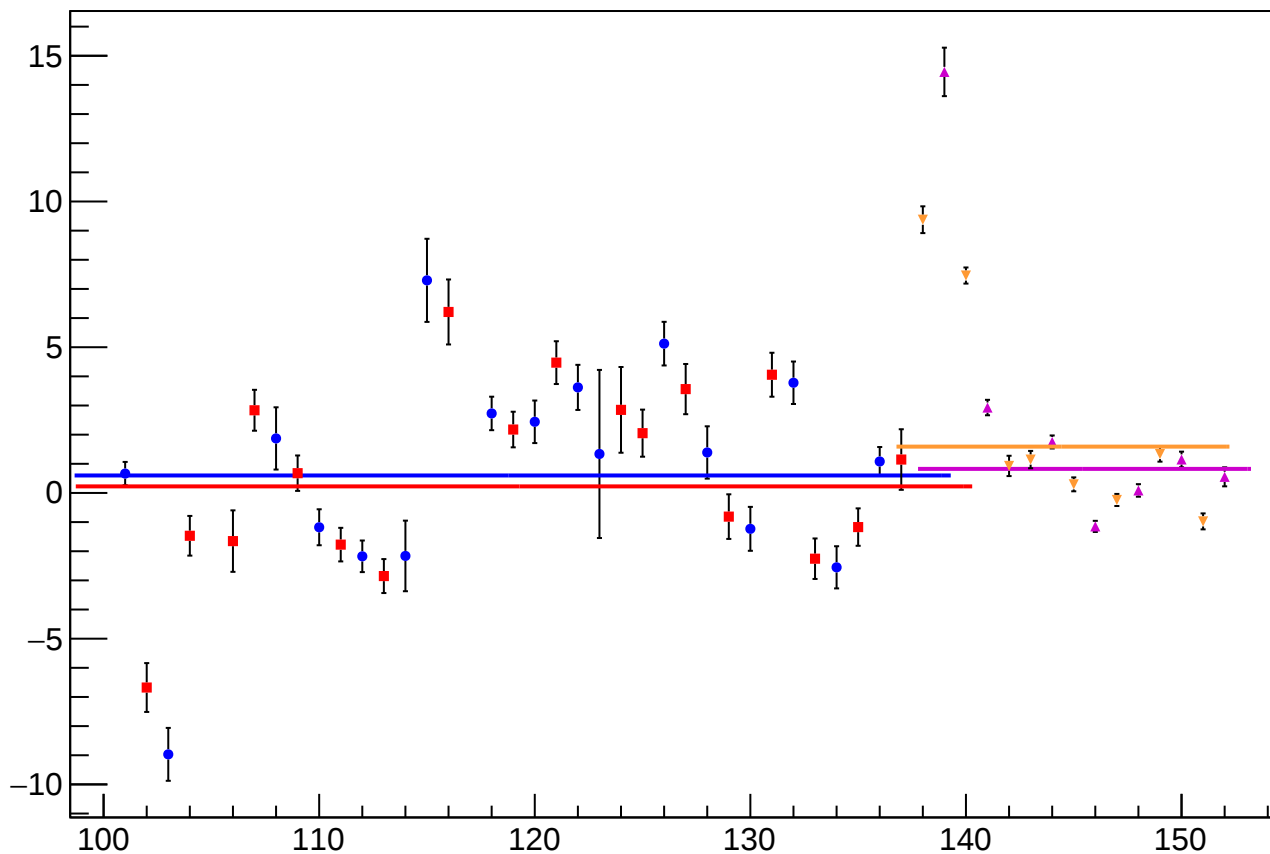
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.941+/-0.142 χ^2/NDF :778.7/6

Out: -6.110+/-0.142 χ^2/NDF :2333.9/7

All: -4.518+/-0.100 χ^2/NDF : 3361.5/14

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 1.590 ± 0.097 $\chi^2/\text{NDF}: 940.7/7$

Right Out: 0.225 ± 0.175 $\chi^2/\text{NDF}: 273.2/17$

Left In: 0.826 ± 0.096 $\chi^2/\text{NDF}: 469.1/6$

Left: 1.205 ± 0.068 $\chi^2/\text{NDF}: 1441.1/14$

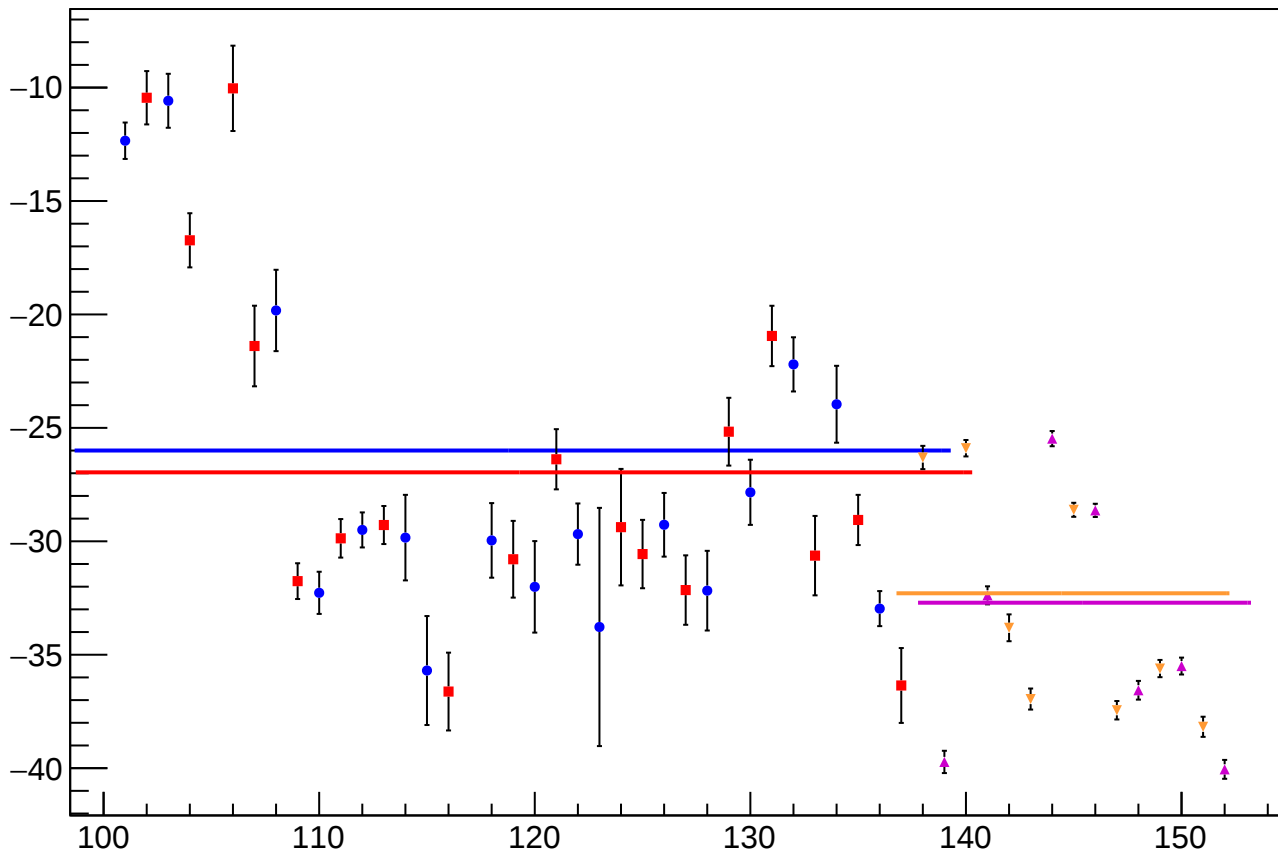
Right: 0.418 ± 0.122 $\chi^2/\text{NDF}: 567.5/34$

In: 0.770 ± 0.084 $\chi^2/\text{NDF}: 762.4/23$

Out: 1.268 ± 0.085 $\chi^2/\text{NDF}: 1260.5/25$

All: 1.016 ± 0.060 $\chi^2/\text{NDF}: 2040.3/49$

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: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.707 ± 0.141 χ^2/NDF : 1319.8/6

Left: -32.505 ± 0.101 χ^2/NDF : 2433.7/14

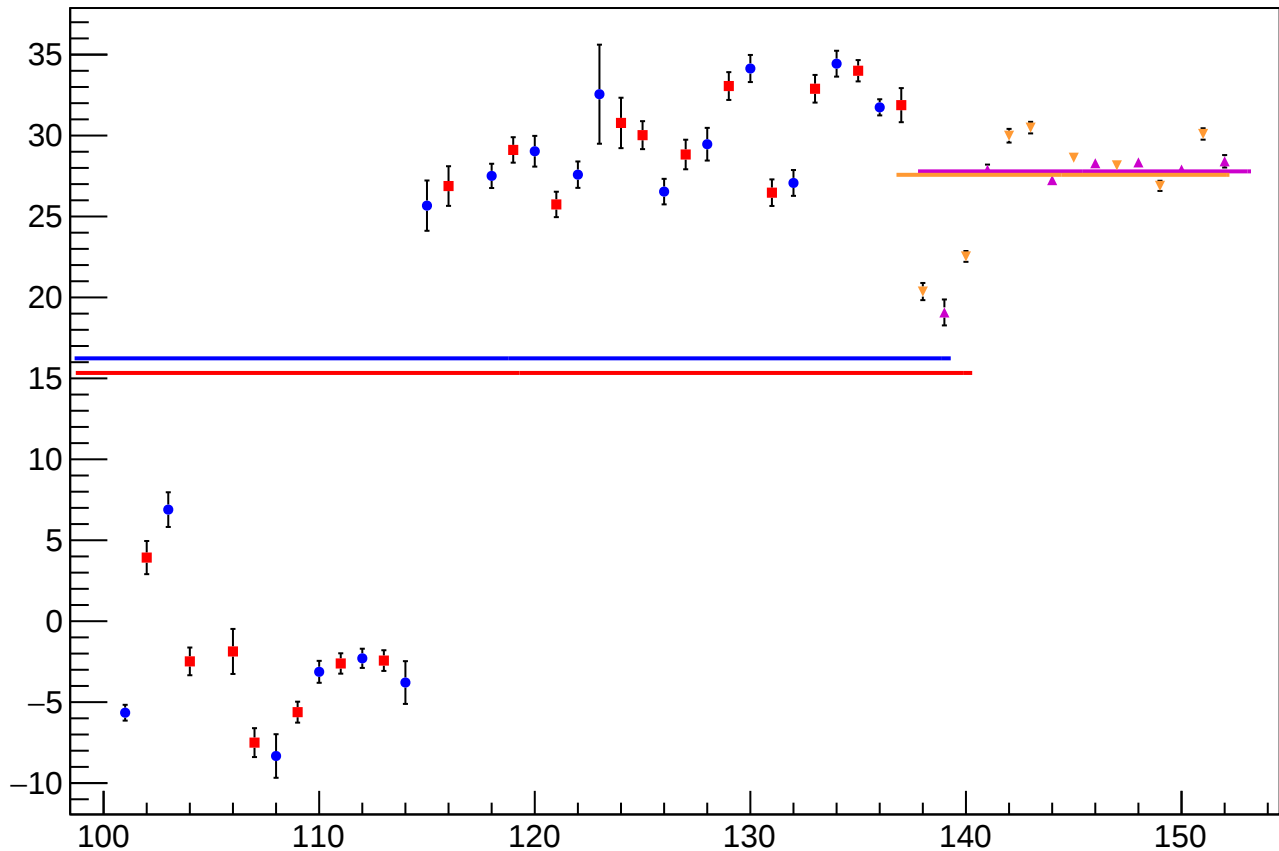
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.487 ± 0.128 χ^2/NDF : 2421.3/23

Out: -31.270 ± 0.131 χ^2/NDF : 1903.3/25

All: -31.381 ± 0.091 χ^2/NDF : 4326.1/49

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: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.787 $\pm$ 0.118 χ^2 /NDF: 133.0/6

Left: 27.682 $\pm$ 0.084 χ^2 /NDF: 721.3/14

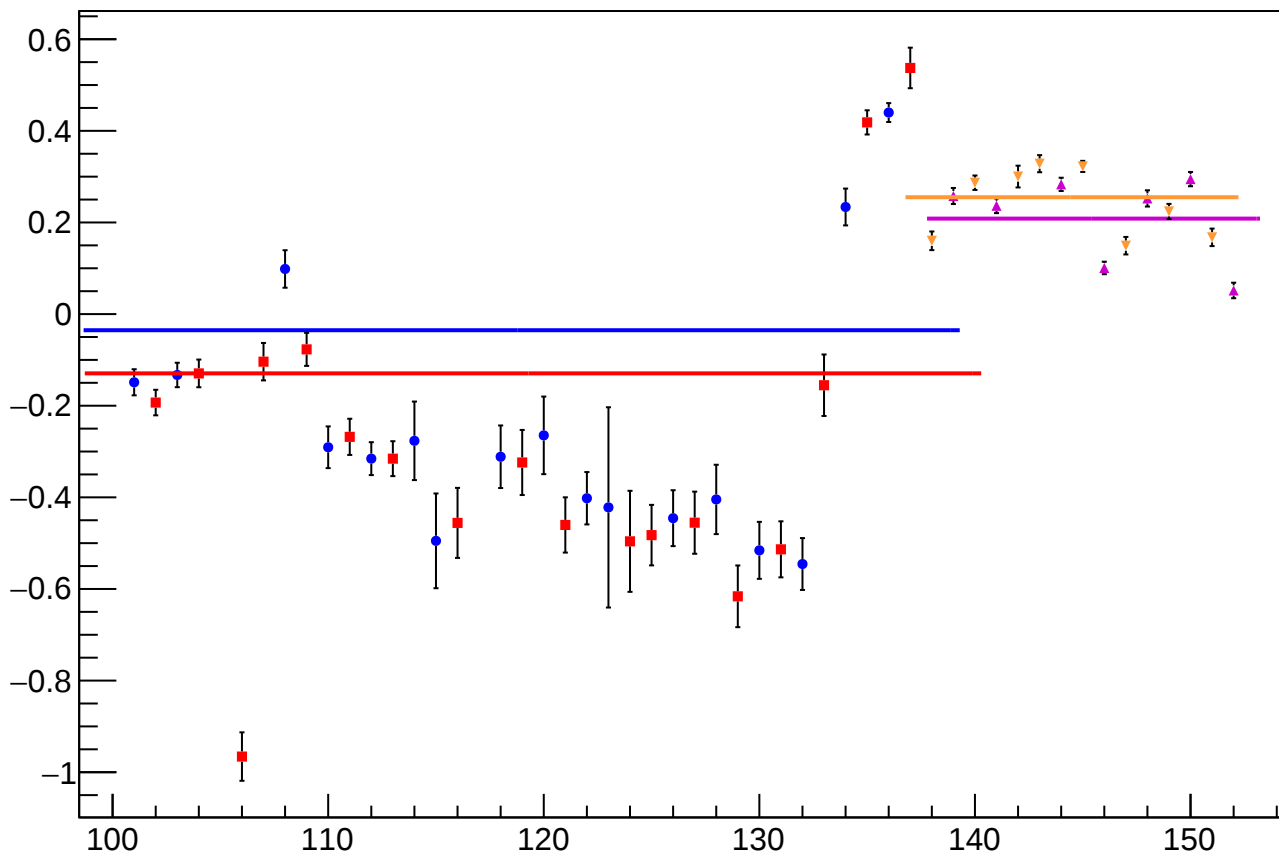
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.589 $\pm$ 0.101 χ^2 /NDF: 10346.5/23

Out: 24.272 $\pm$ 0.102 χ^2 /NDF: 10660.6/25

All: 24.433 $\pm$ 0.072 χ^2 /NDF: 21012.0/49

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: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.208 ± 0.006 χ^2/NDF : 222.1/6

Left: 0.231 ± 0.004 χ^2/NDF : 382.9/14

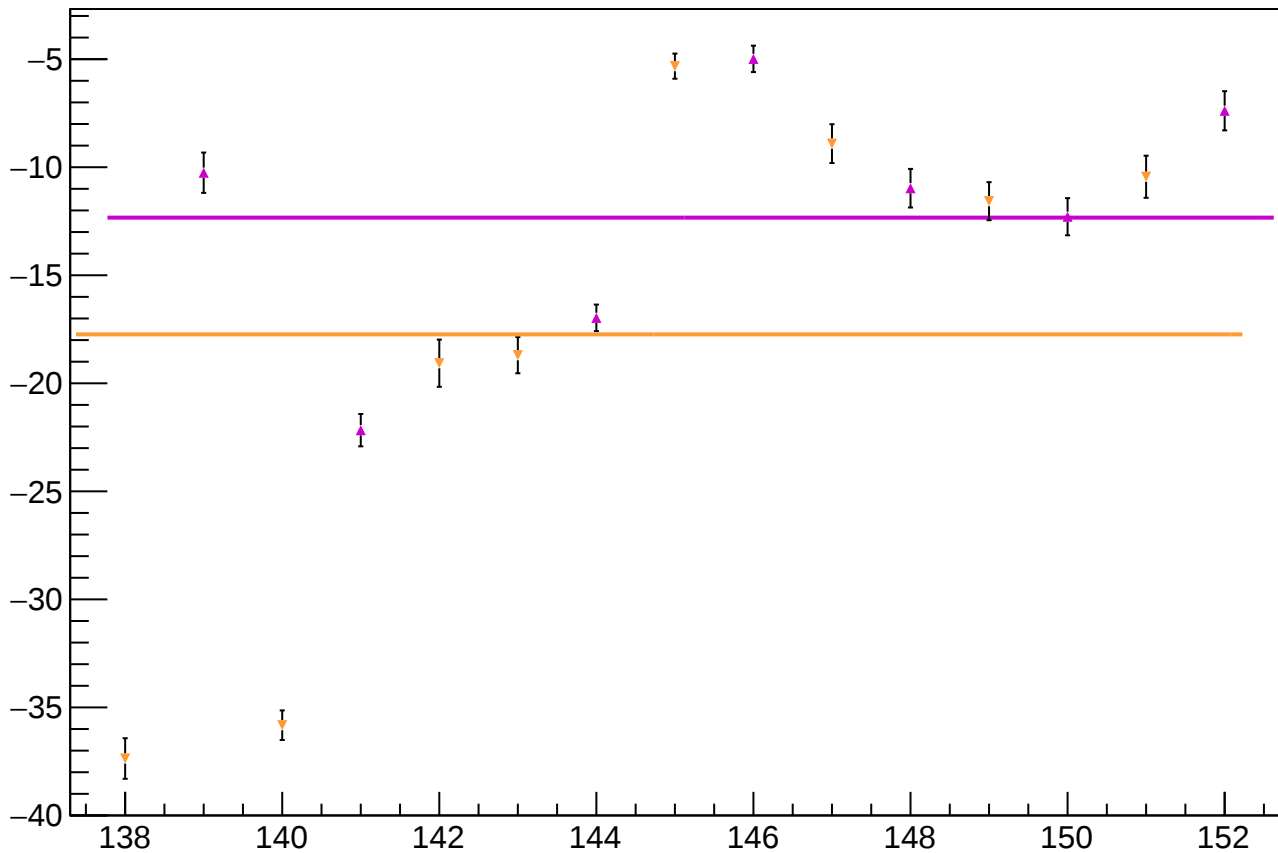
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.147 ± 0.005 χ^2/NDF : 1653.1/23

Out: 0.157 ± 0.005 χ^2/NDF : 2312.2/25

All: 0.152 ± 0.004 χ^2/NDF : 3967.1/49

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: -12.333+/-0.288 χ^2/NDF :411.7/6

Left: -15.033+/-0.203 χ^2/NDF : 2382.5/14

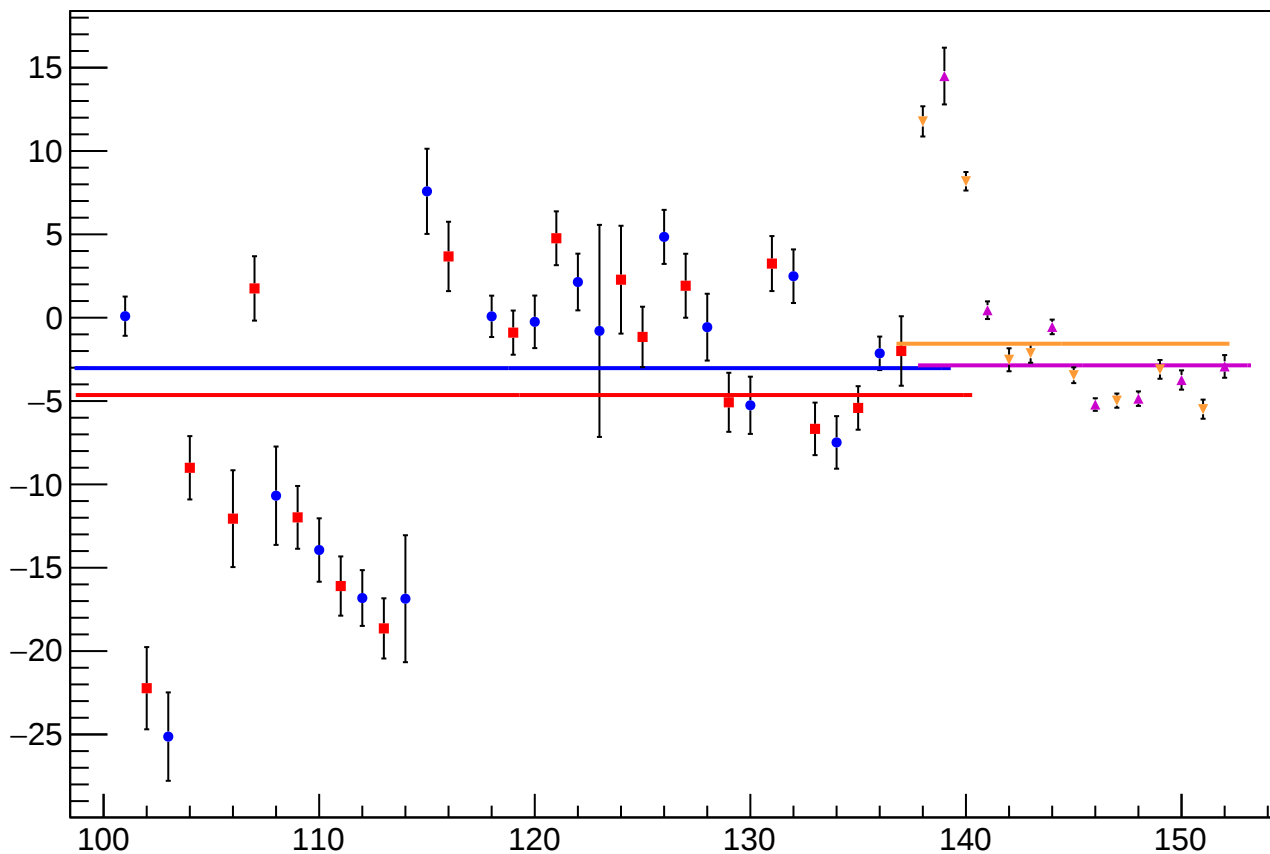
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.333+/-0.288 χ^2/NDF :411.7/6

Out: -17.736+/-0.288 χ^2/NDF :1794.5/7

All: -15.033+/-0.203 χ^2/NDF : 2382.5/14

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.561 ± 0.197 χ^2/NDF : 662.0/7

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.859 ± 0.194 χ^2/NDF : 232.8/6

Left: -2.220 ± 0.138 χ^2/NDF : 916.9/14

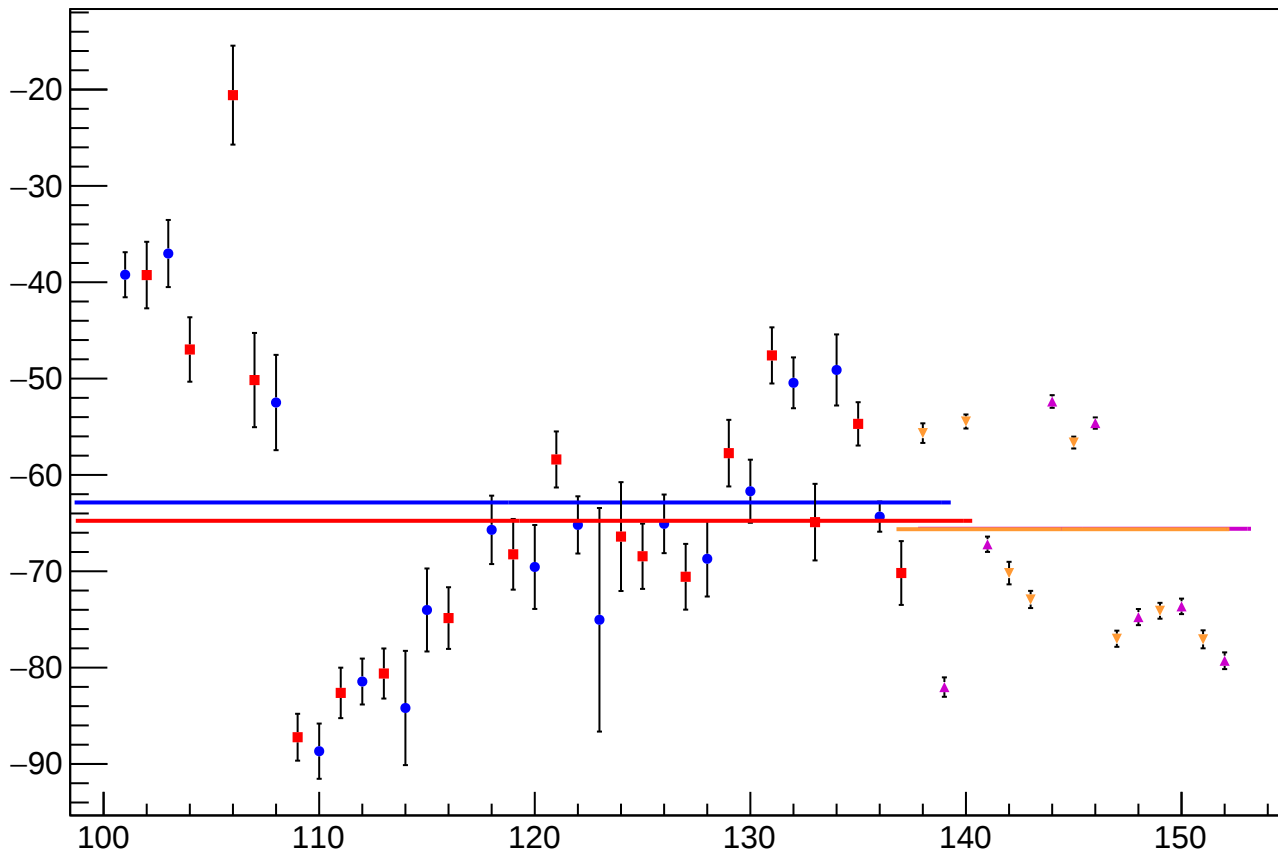
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.890 ± 0.175 χ^2/NDF : 513.6/23

Out: -2.102 ± 0.179 χ^2/NDF : 999.8/25

All: -2.503 ± 0.125 χ^2/NDF : 1523.3/49

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -65.633 ± 0.295 χ^2/NDF : 1065.0/7

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -65.589 ± 0.288 χ^2/NDF : 1491.8/6

Left: -65.610 ± 0.206 χ^2/NDF : 2556.8/14

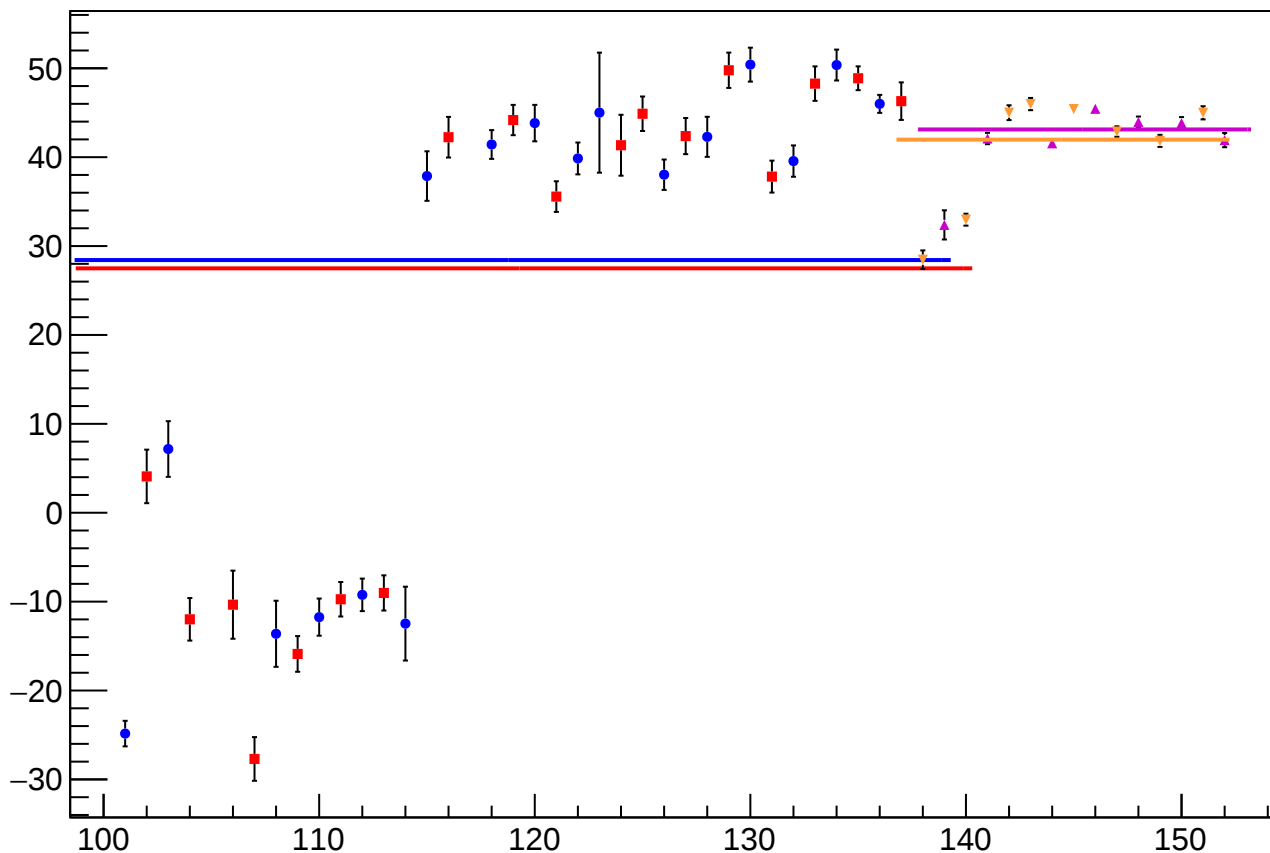
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -65.229 ± 0.268 χ^2/NDF : 1871.4/23

Out: -65.517 ± 0.275 χ^2/NDF : 1482.2/25

All: -65.370 ± 0.192 χ^2/NDF : 3354.2/49

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: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 43.118 $\pm$ 0.240 χ^2 /NDF:83.5/6

Left: 42.552 $\pm$ 0.171 χ^2 /NDF: 546.6/14

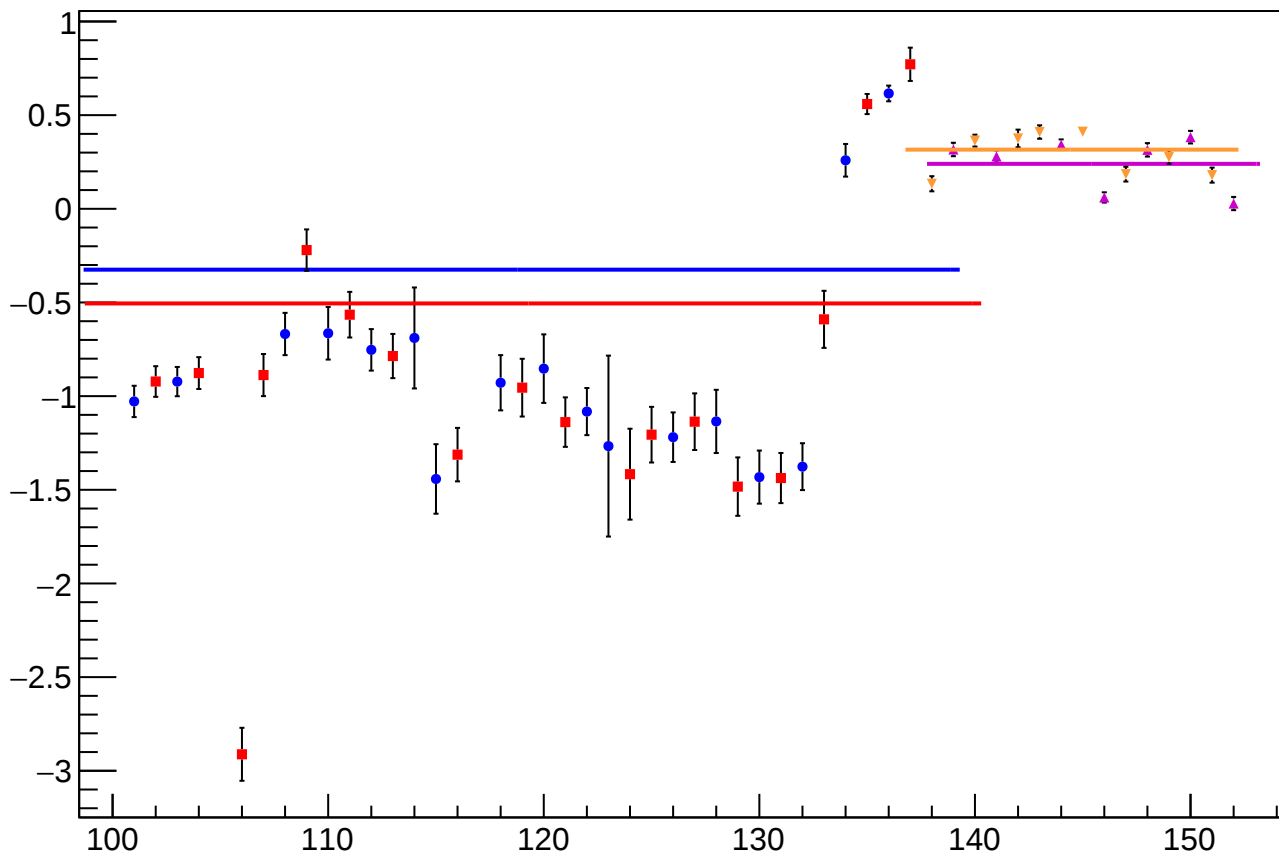
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.958 $\pm$ 0.212 χ^2 /NDF:4214.4/23

Out: 39.003 $\pm$ 0.217 χ^2 /NDF:4206.6/25

All: 39.490 $\pm$ 0.152 χ^2 /NDF: 8430.9/49

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: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.240 ± 0.012 χ^2/NDF : 119.8/6

Left: 0.277 ± 0.009 χ^2/NDF : 209.5/14

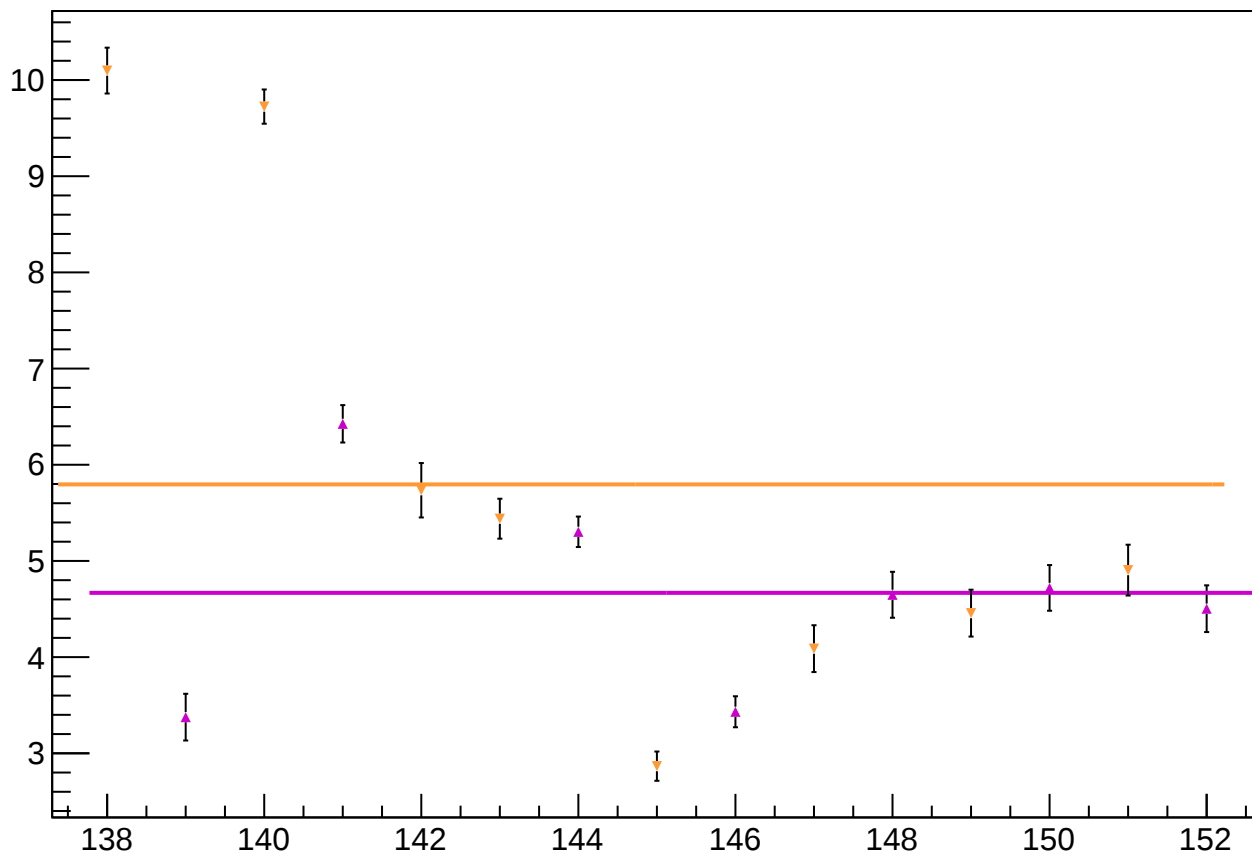
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.131 ± 0.011 χ^2/NDF : 1546.5/23

Out: 0.163 ± 0.011 χ^2/NDF : 2059.9/25

All: 0.147 ± 0.008 χ^2/NDF : 3610.5/49

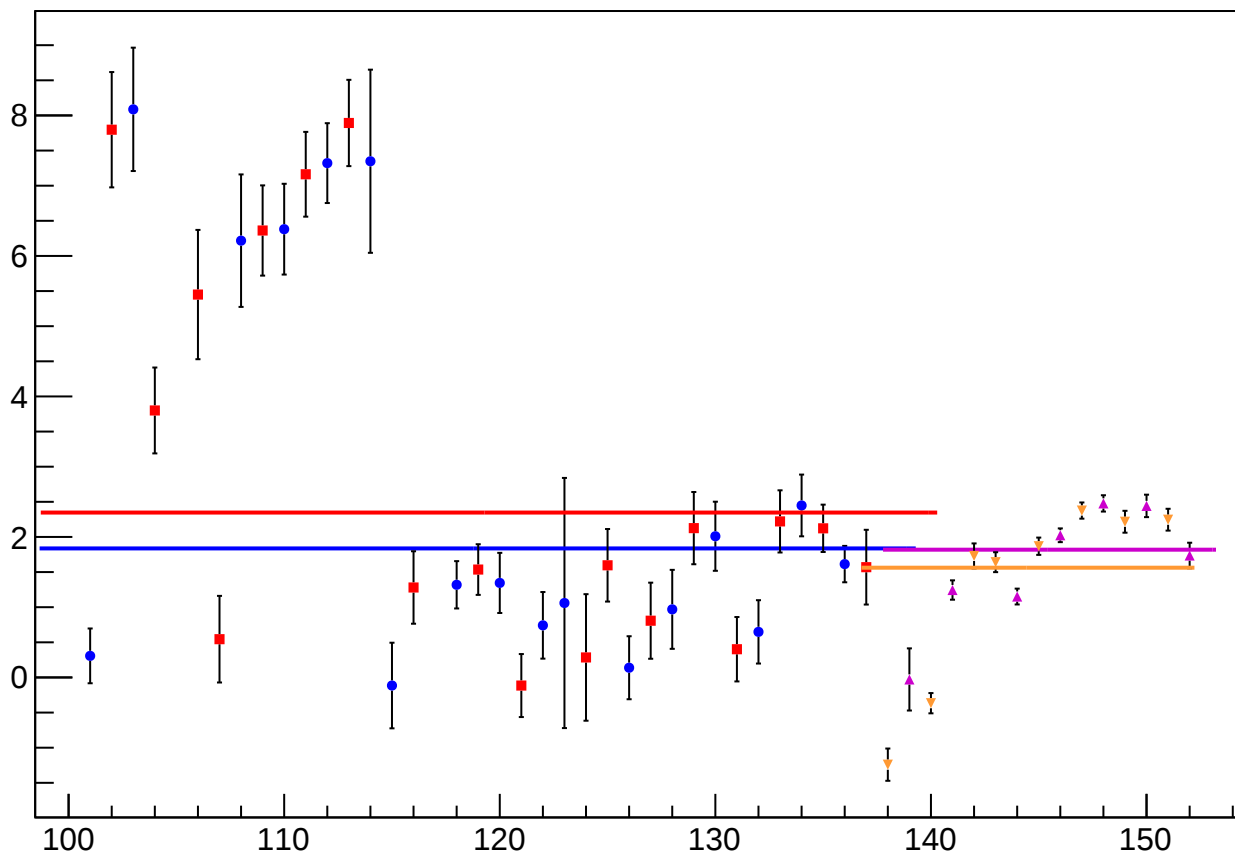
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.796+/-0.075 χ^2/NDF :1277.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.668+/-0.076 χ^2/NDF :185.5/6

Left: 5.235+/-0.053 χ^2/NDF : 1573.9/14
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.668+/-0.076 χ^2/NDF :185.5/6
 Out: 5.796+/-0.075 χ^2/NDF :1277.2/7
 All: 5.235+/-0.053 χ^2/NDF : 1573.9/14

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.562 ± 0.052 χ^2/NDF : 422.0/7

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.819 ± 0.051 χ^2/NDF : 121.8/6

Left: 1.692 ± 0.036 χ^2/NDF : 556.3/14

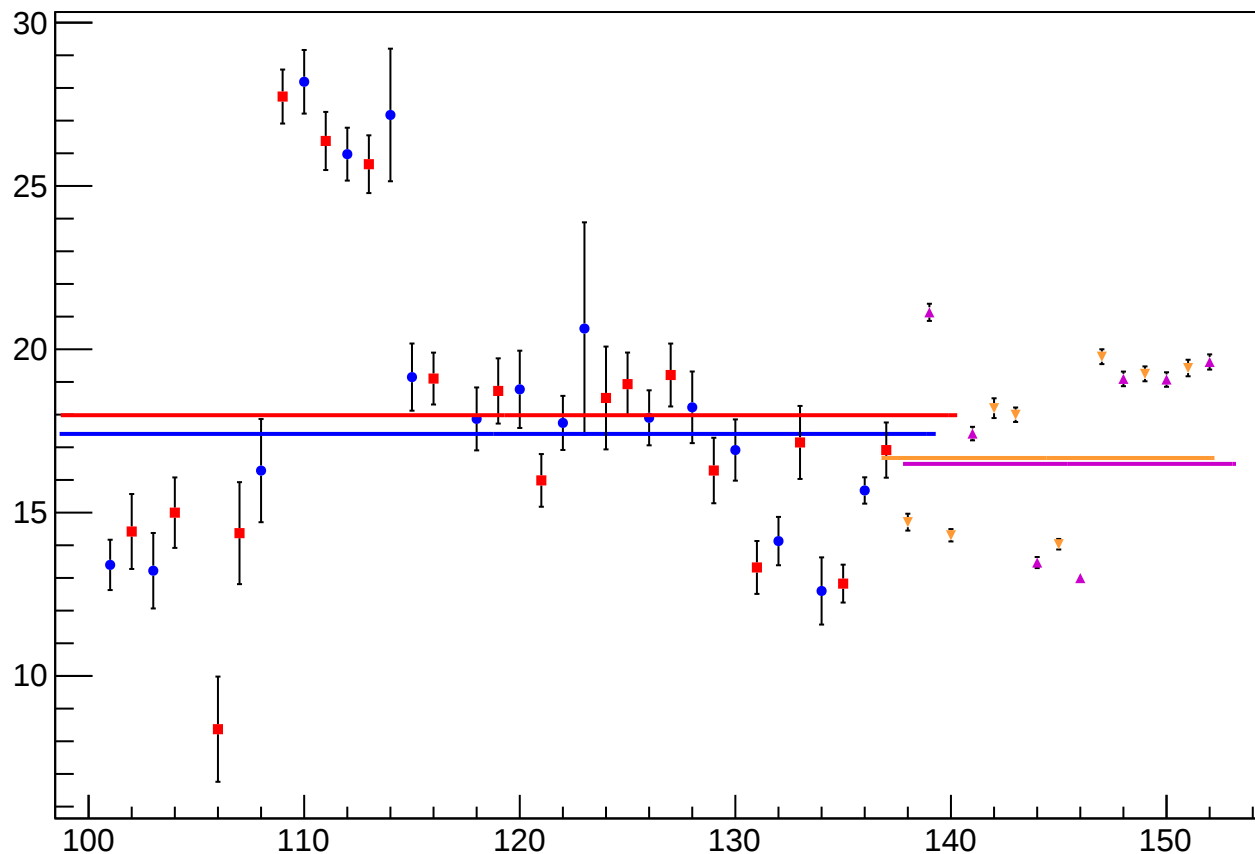
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.822 ± 0.047 χ^2/NDF : 415.9/23

Out: 1.681 ± 0.048 χ^2/NDF : 786.6/25

All: 1.753 ± 0.033 χ^2/NDF : 1206.9/49

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: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.492 $\pm$ 0.076 χ^2 /NDF:1610.7/6

Left: 16.580 $\pm$ 0.054 χ^2 /NDF: 2587.3/14

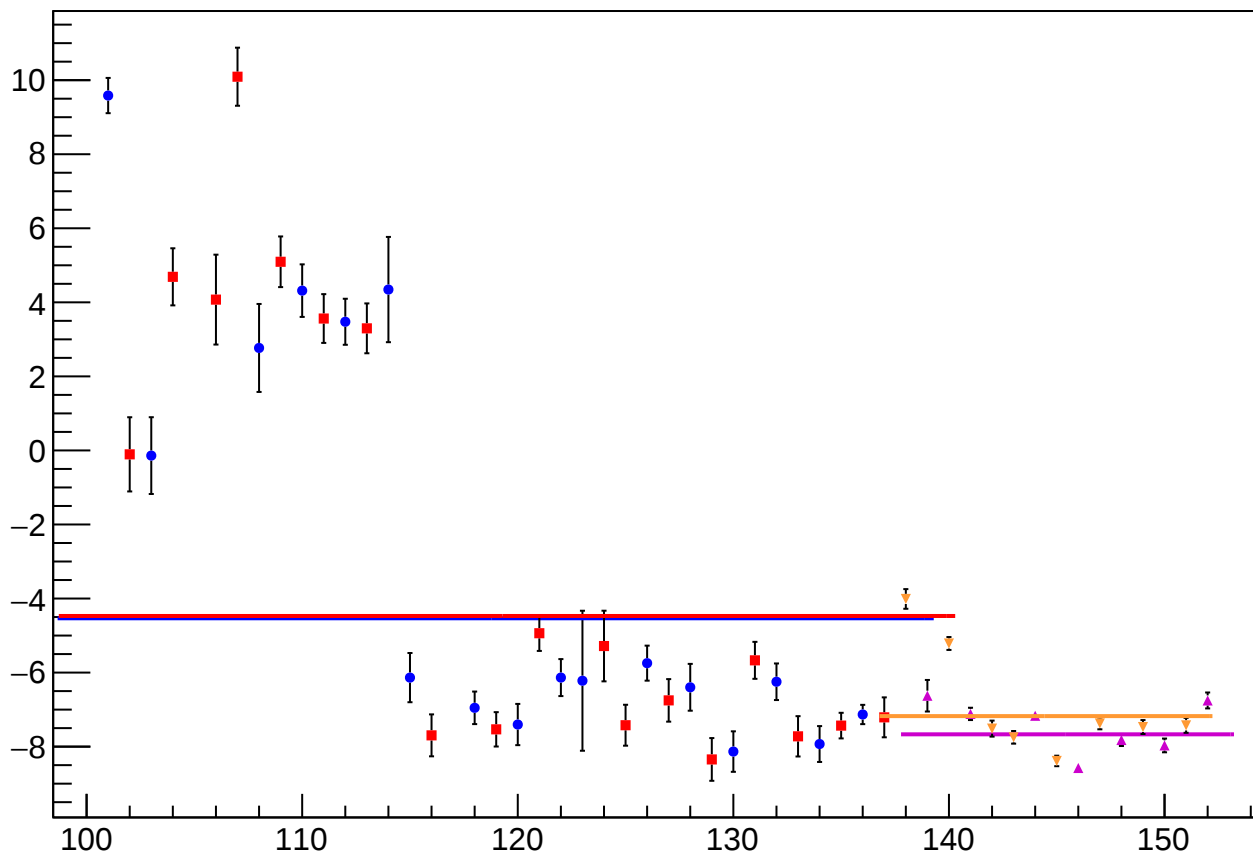
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.596 $\pm$ 0.072 χ^2 /NDF:1992.4/23

Out: 16.818 $\pm$ 0.073 χ^2 /NDF:1496.3/25

All: 16.705 $\pm$ 0.051 χ^2 /NDF: 3493.3/49

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: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.668 ± 0.063 χ^2/NDF : 106.2/6

Left: -7.425 ± 0.045 χ^2/NDF : 496.5/14

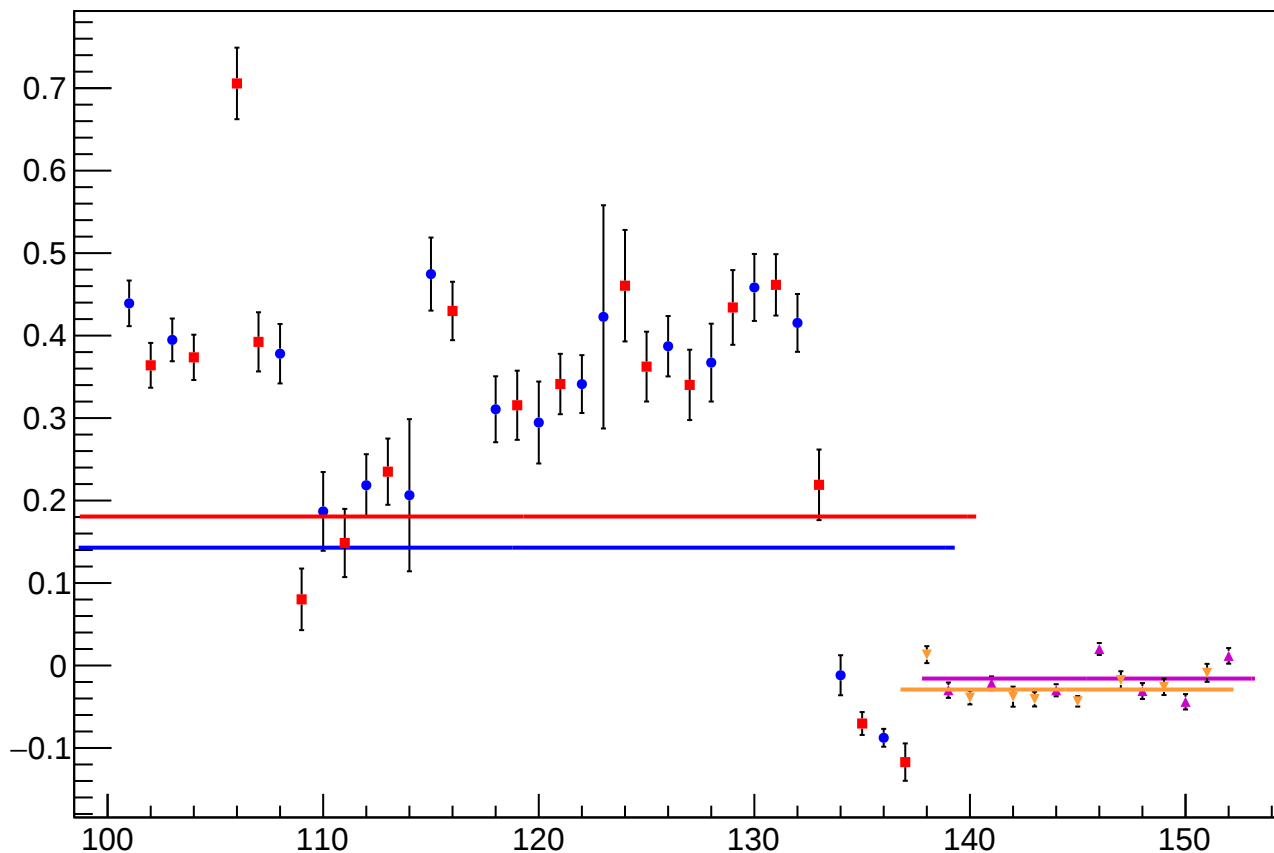
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -7.067 ± 0.057 χ^2/NDF : 2167.0/23

Out: -6.692 ± 0.058 χ^2/NDF : 2019.9/25

All: -6.883 ± 0.041 χ^2/NDF : 4208.3/49

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: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.016 ± 0.003 $\chi^2/\text{NDF}: 51.3/6$

Left: -0.022 ± 0.002 $\chi^2/\text{NDF}: 90.1/14$

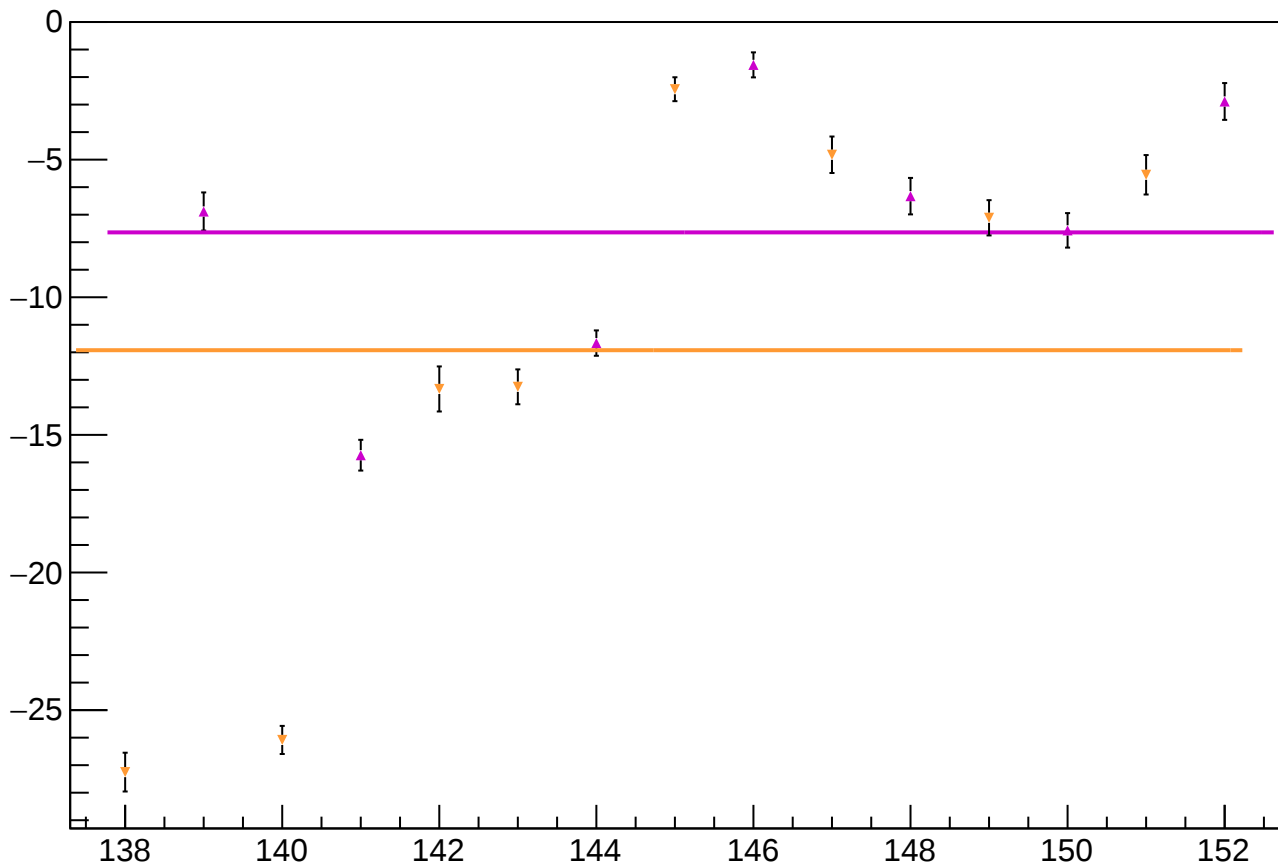
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 1529.4/23$

Out: 0.004 ± 0.003 $\chi^2/\text{NDF}: 1708.3/25$

All: 0.008 ± 0.002 $\chi^2/\text{NDF}: 3240.4/49$

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: -7.643+/-0.214 χ^2/NDF :521.3/6

Left: -9.778+/-0.151 χ^2/NDF : 2698.5/14

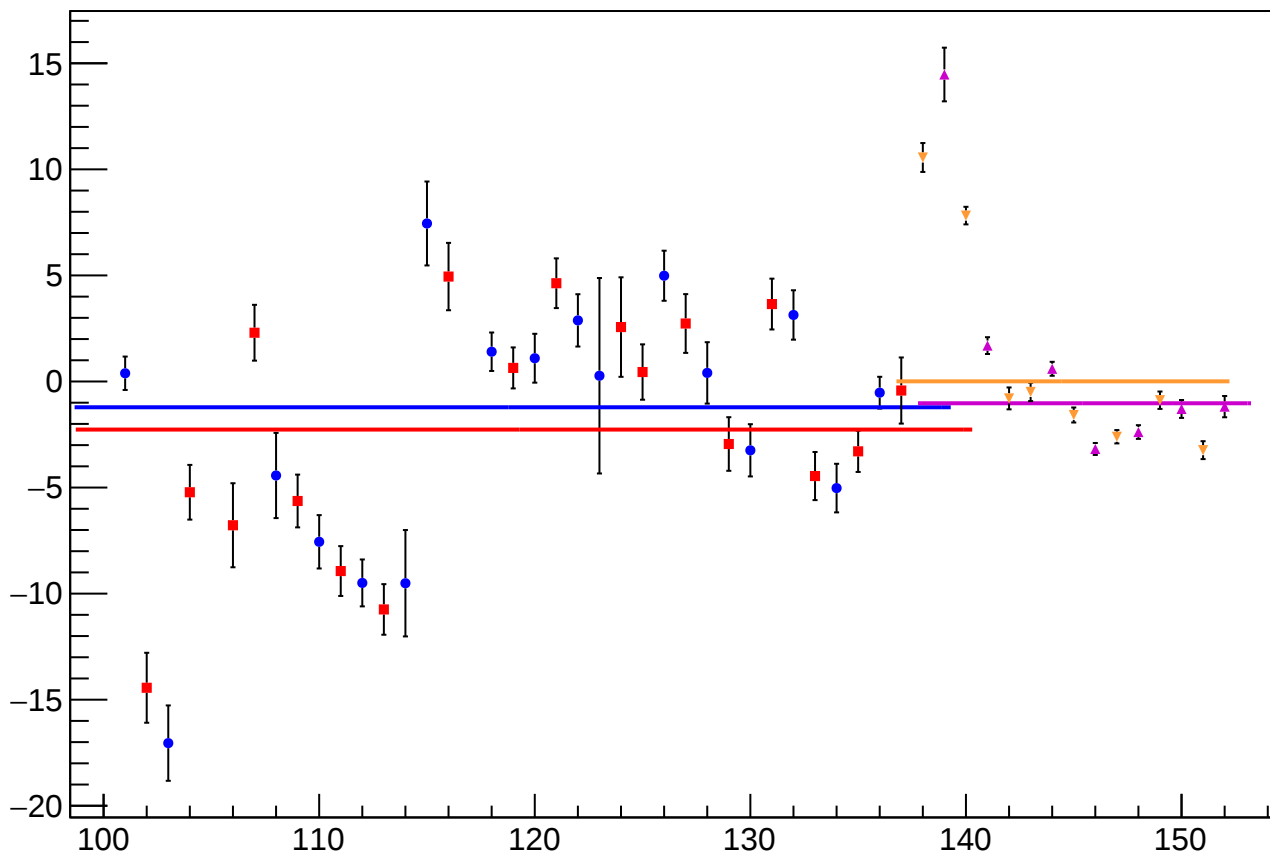
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.643+/-0.214 χ^2/NDF :521.3/6

Out: -11.924+/-0.214 χ^2/NDF :1977.1/7

All: -9.778+/-0.151 χ^2/NDF : 2698.5/14

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.007 ± 0.146 χ^2/NDF : 752.7/7

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -1.027 ± 0.144 χ^2/NDF : 297.9/6

Left: -0.516 ± 0.103 χ^2/NDF : 1075.9/14

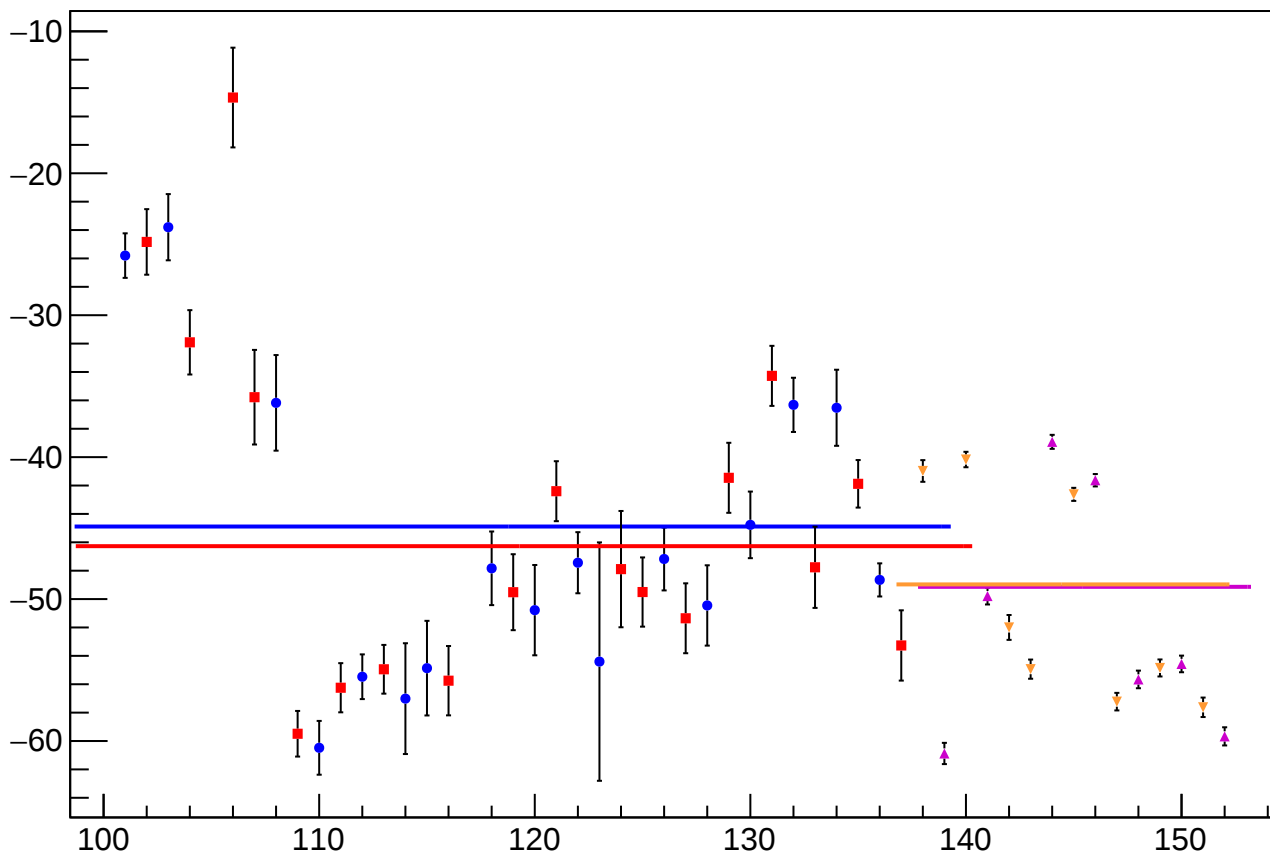
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -1.064 ± 0.129 χ^2/NDF : 577.0/23

Out: -0.424 ± 0.132 χ^2/NDF : 1082.4/25

All: -0.750 ± 0.092 χ^2/NDF : 1671.4/49

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: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -49.137 ± 0.214 χ^2/NDF : 1438.5/6

Left: -49.054 ± 0.153 χ^2/NDF : 2524.3/14

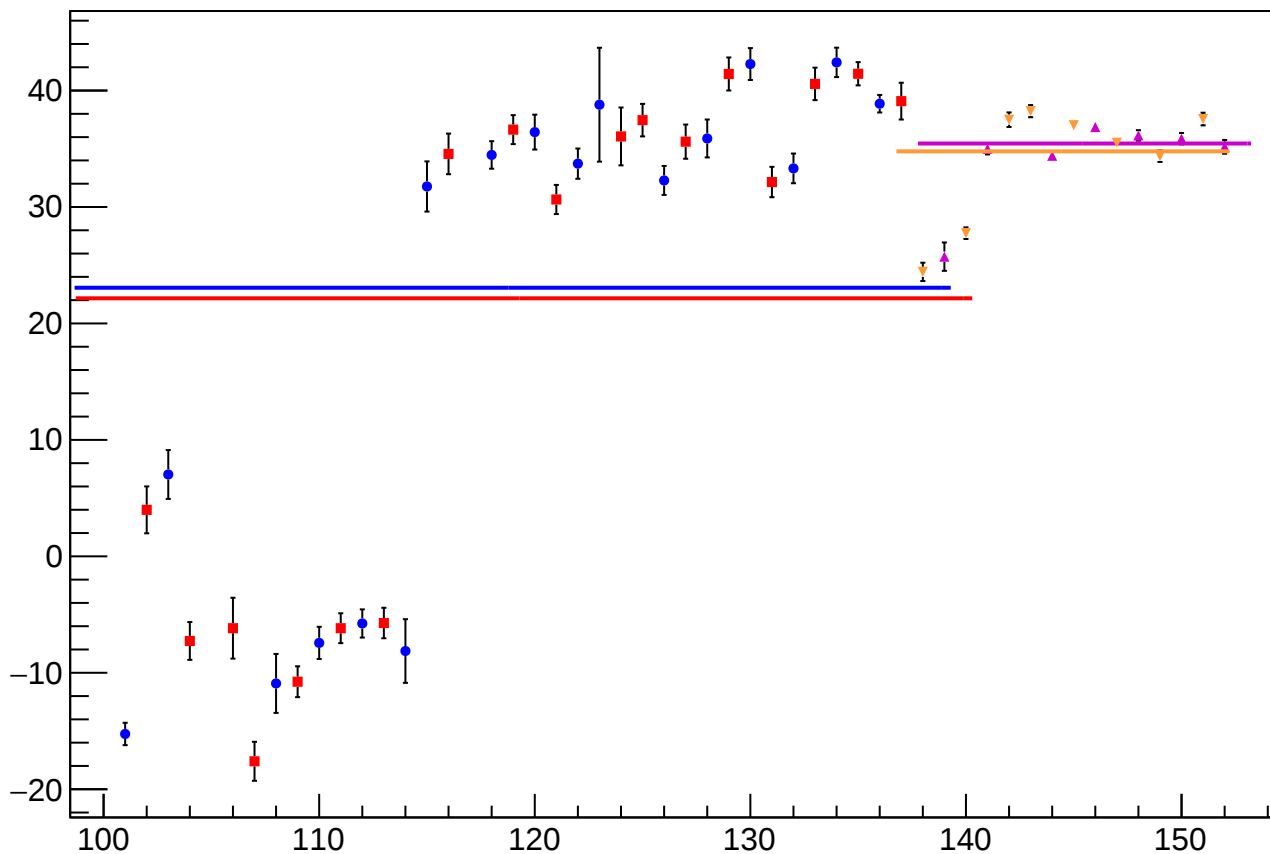
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.530 ± 0.198 χ^2/NDF : 1915.4/23

Out: -48.573 ± 0.202 χ^2/NDF : 1528.2/25

All: -48.551 ± 0.141 χ^2/NDF : 3443.6/49

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: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.452 $\pm$ 0.178 χ^2 /NDF:90.9/6

Left: 35.121 $\pm$ 0.127 χ^2 /NDF: 590.2/14

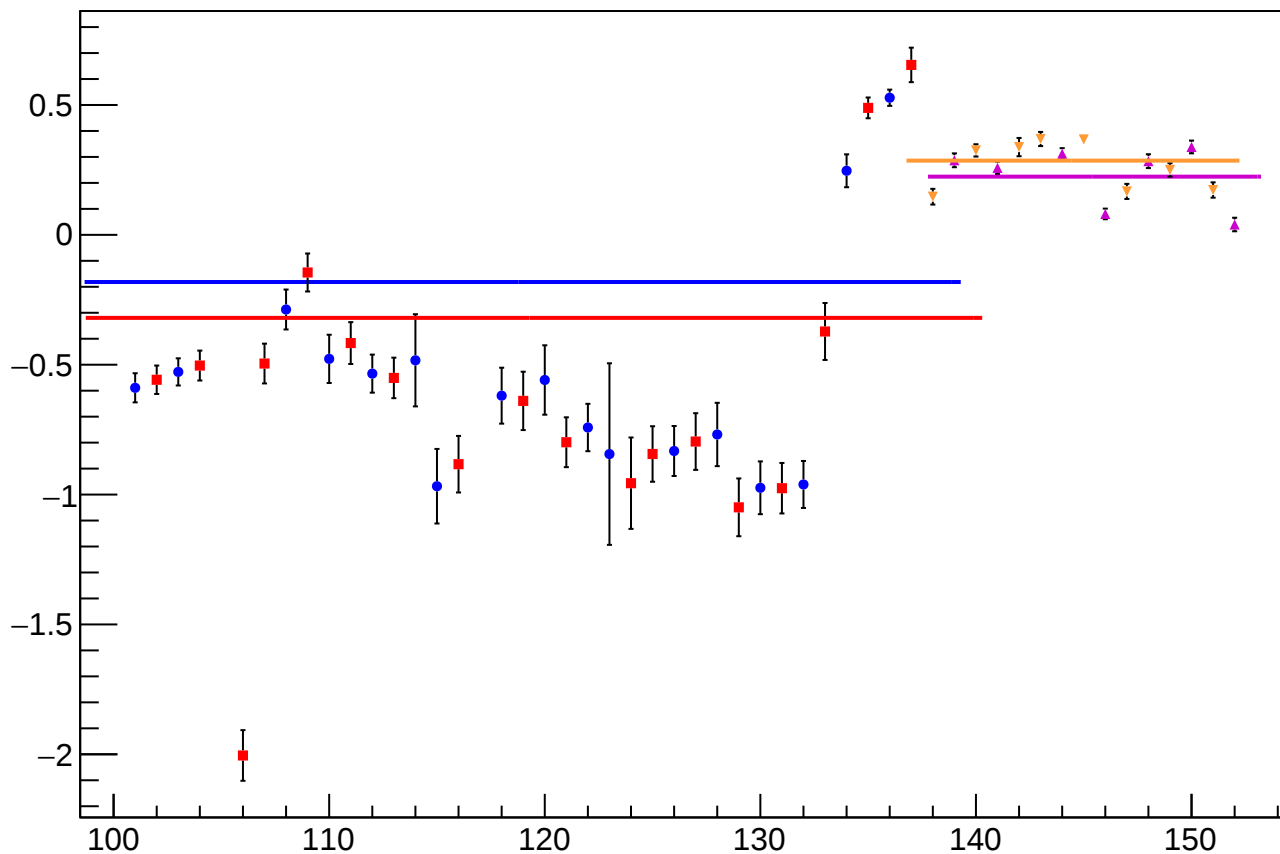
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.610 $\pm$ 0.156 χ^2 /NDF:5533.0/23

Out: 32.001 $\pm$ 0.160 χ^2 /NDF:5592.2/25

All: 32.311 $\pm$ 0.112 χ^2 /NDF: 11132.6/49

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: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.224 ± 0.009 χ^2/NDF : 150.7/6

Left: 0.255 ± 0.006 χ^2/NDF : 262.6/14

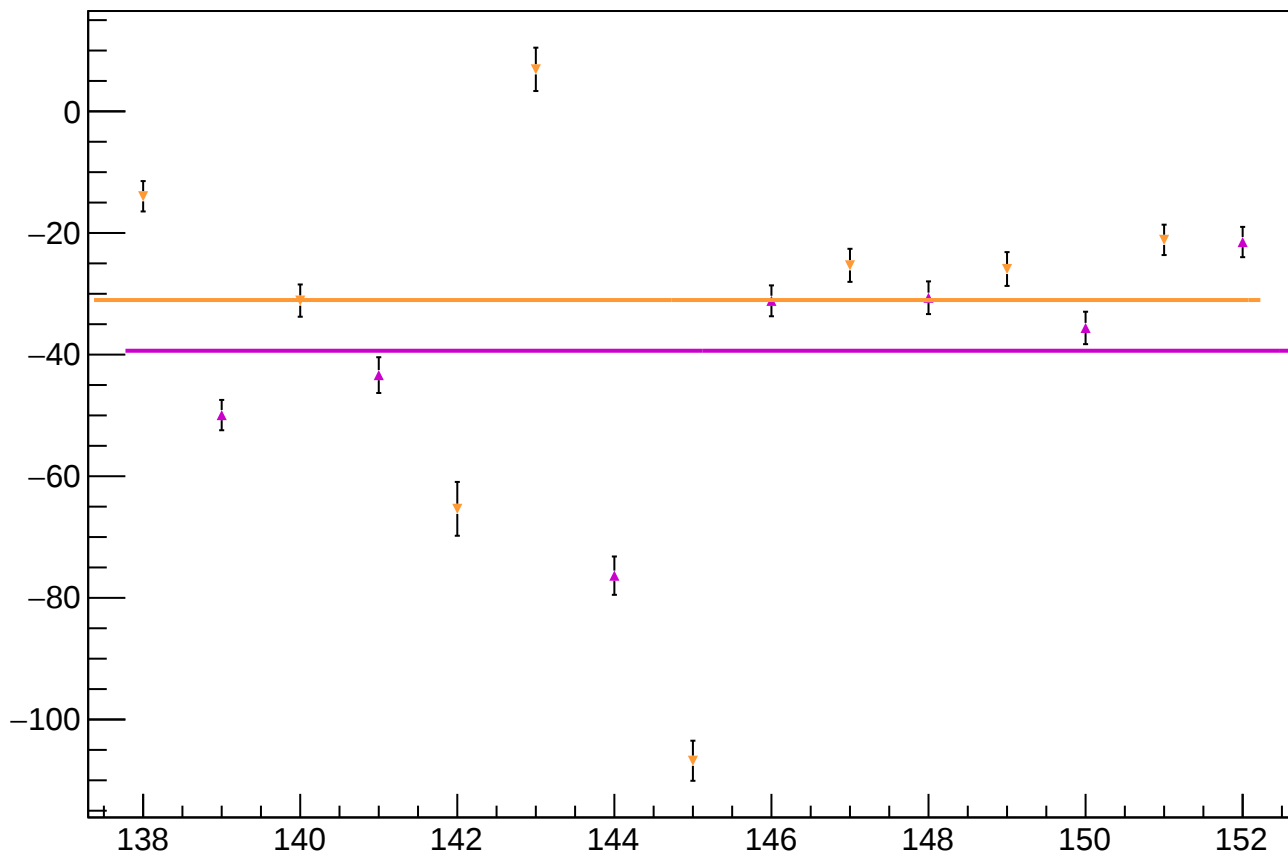
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.141 ± 0.008 χ^2/NDF : 1563.1/23

Out: 0.163 ± 0.008 χ^2/NDF : 2148.1/25

All: 0.152 ± 0.006 χ^2/NDF : 3715.1/49

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.026+/-1.026 χ^2/NDF :771.7/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.364+/-1.014 χ^2/NDF :231.9/6

Left: -35.246+/-0.721 χ^2/NDF : 1037.0/14

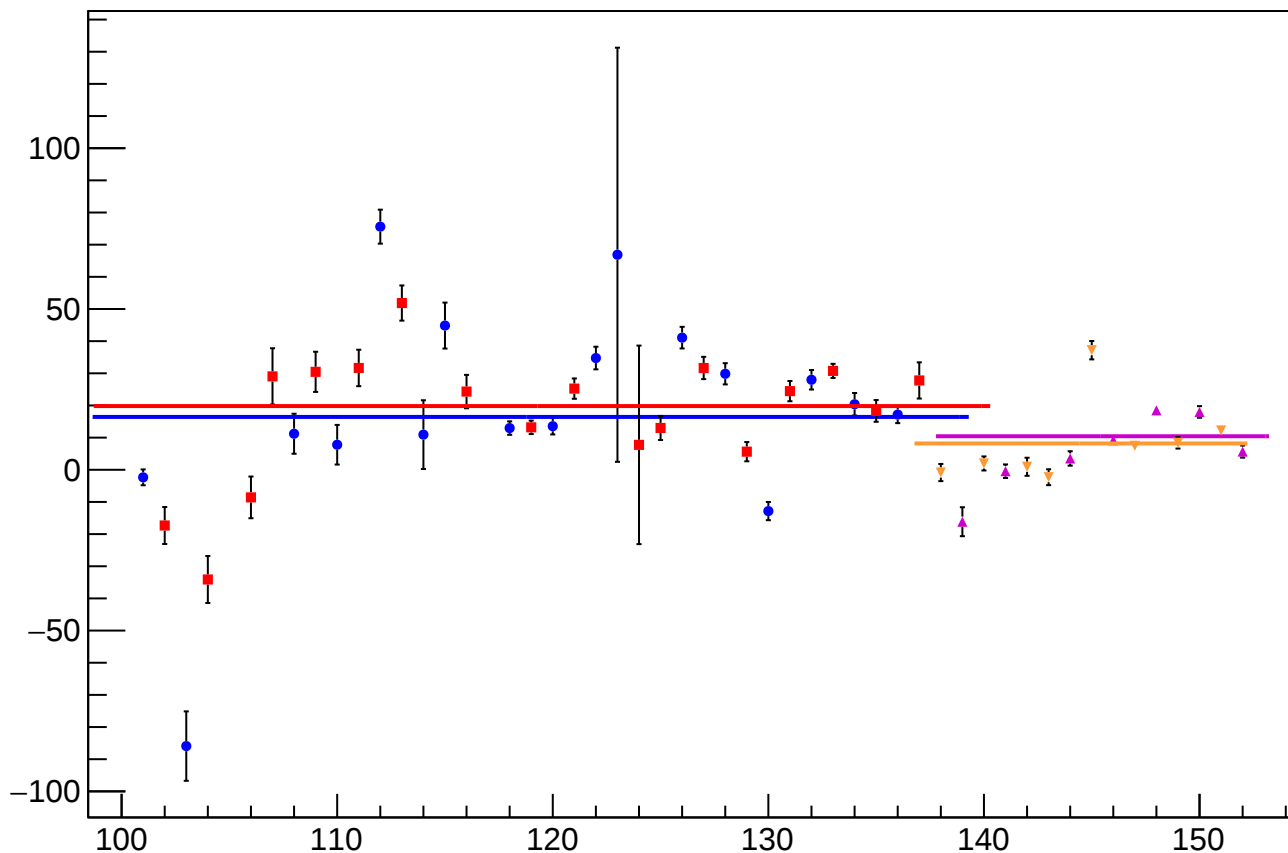
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.364+/-1.014 χ^2/NDF :231.9/6

Out: -31.026+/-1.026 χ^2/NDF :771.7/7

All: -35.246+/-0.721 χ^2/NDF : 1037.0/14

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 8.185 $\pm$ 0.678 χ^2 /NDF:155.7/7

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 10.429 $\pm$ 0.690 χ^2 /NDF:133.6/6

Left: 9.288 $\pm$ 0.484 χ^2 /NDF: 294.7/14

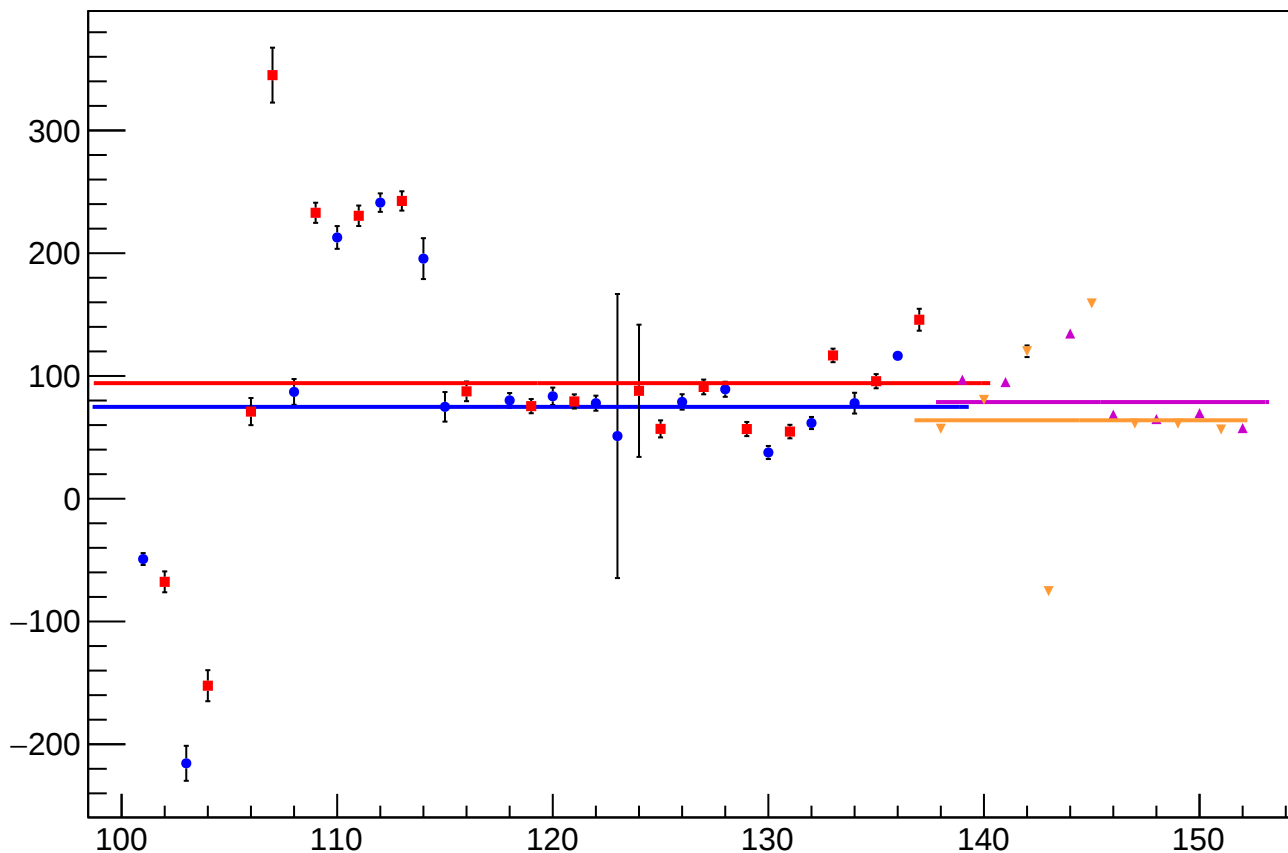
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 12.821 $\pm$ 0.535 χ^2 /NDF:680.7/23

Out: 12.402 $\pm$ 0.541 χ^2 /NDF:500.8/25

All: 12.614 $\pm$ 0.381 χ^2 /NDF: 1181.8/49

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.908 $\pm$ 1.032 χ^2 /NDF:2306.7/7

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 78.746 $\pm$ 1.005 χ^2 /NDF:487.3/6

Left: 71.529 $\pm$ 0.720 χ^2 /NDF: 2900.1/14

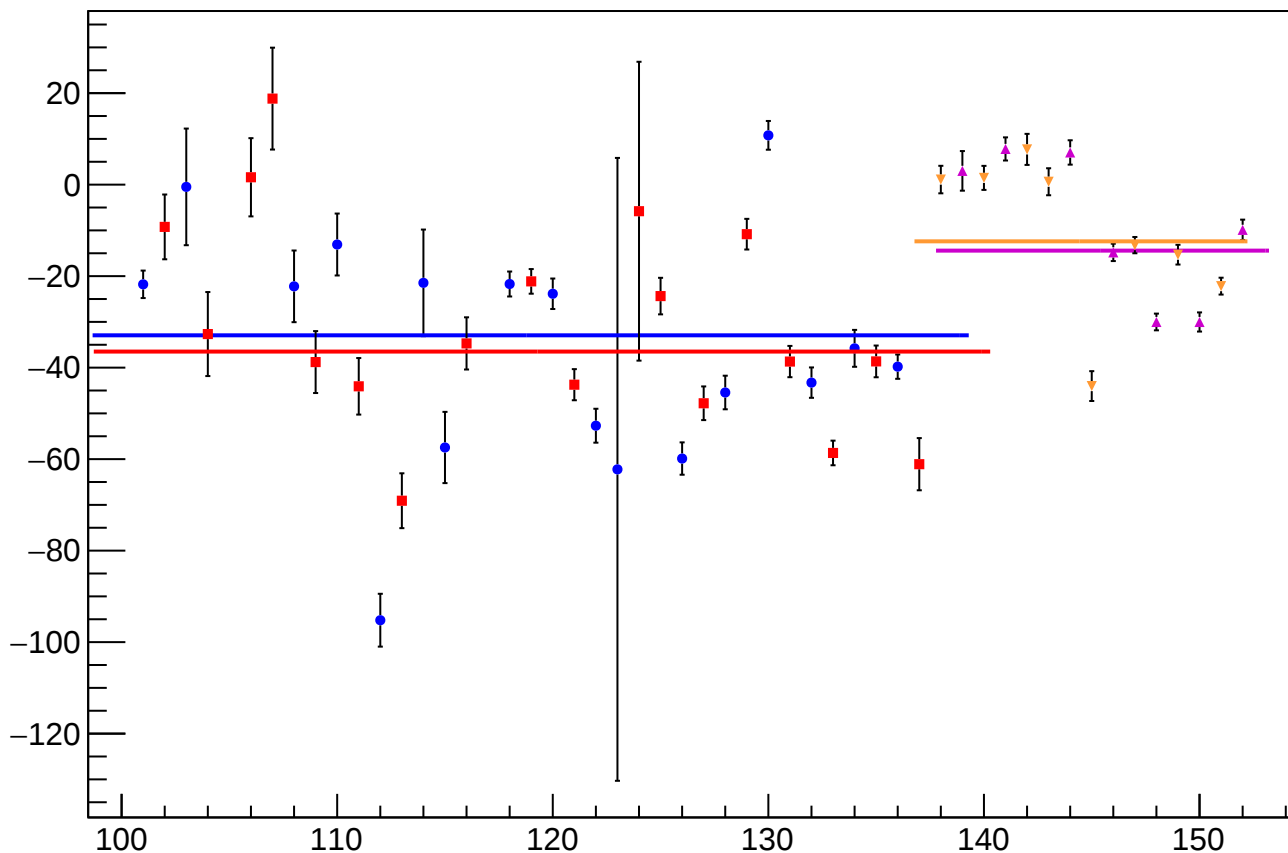
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 77.675 $\pm$ 0.856 χ^2 /NDF:2488.2/23

Out: 71.918 $\pm$ 0.885 χ^2 /NDF:4503.2/25

All: 74.891 $\pm$ 0.616 χ^2 /NDF: 7013.3/49

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 $\pm$ 0.973 χ^2/NDF : 490.7/16

Left Out: -12.392 $\pm$ 0.852 χ^2/NDF : 227.0/7

Right Out: -36.488 $\pm$ 1.027 χ^2/NDF : 293.2/17

Left In: -14.423 $\pm$ 0.858 χ^2/NDF : 290.9/6

Left: -13.400 $\pm$ 0.605 χ^2/NDF : 520.8/14

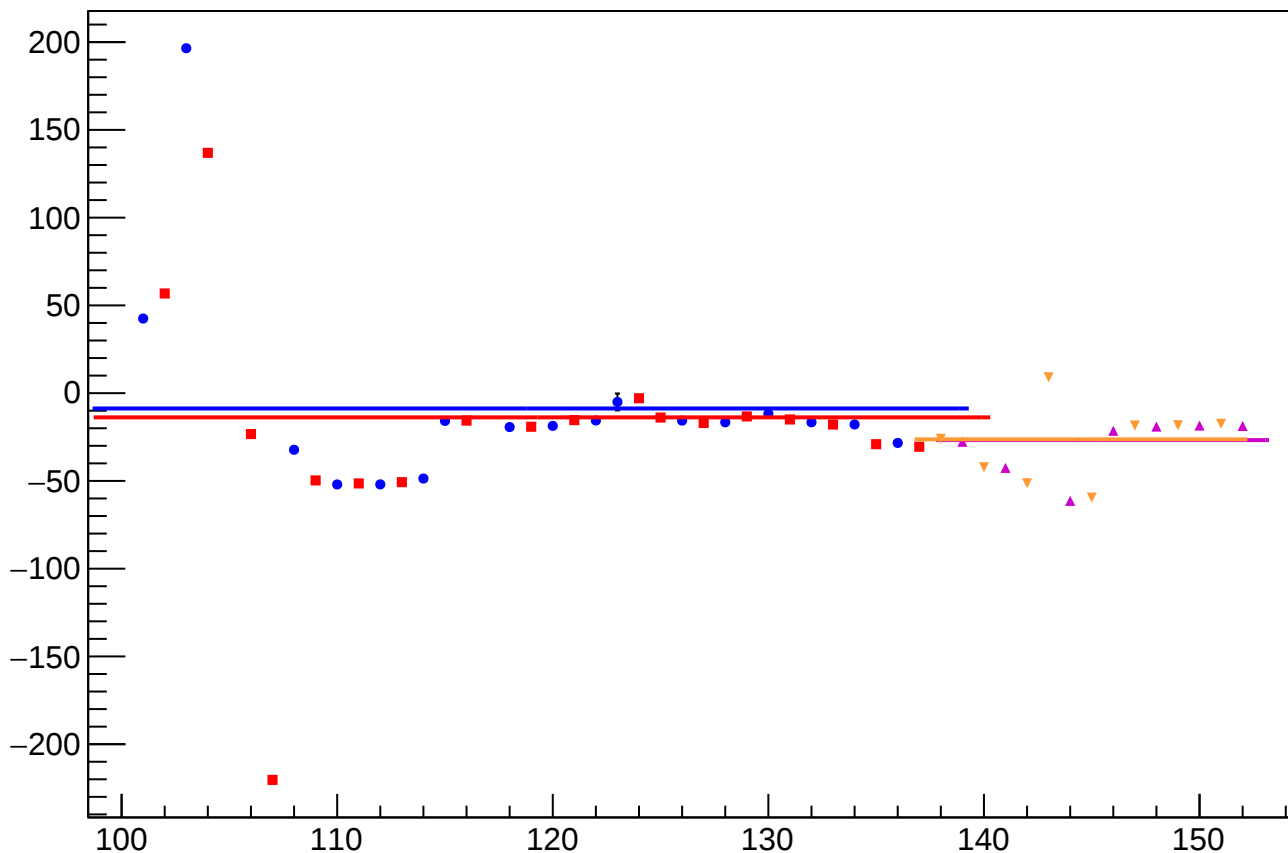
Right: -34.617 $\pm$ 0.706 χ^2/NDF : 790.3/34

In: -22.522 $\pm$ 0.644 χ^2/NDF : 985.2/23

Out: -22.223 $\pm$ 0.656 χ^2/NDF : 846.3/25

All: -22.375 $\pm$ 0.459 χ^2/NDF : 1831.6/49

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: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -26.744 ± 0.041 $\chi^2/\text{NDF}: 91289.0/6$

Left: -26.538 ± 0.030 $\chi^2/\text{NDF}: 256241.0/14$

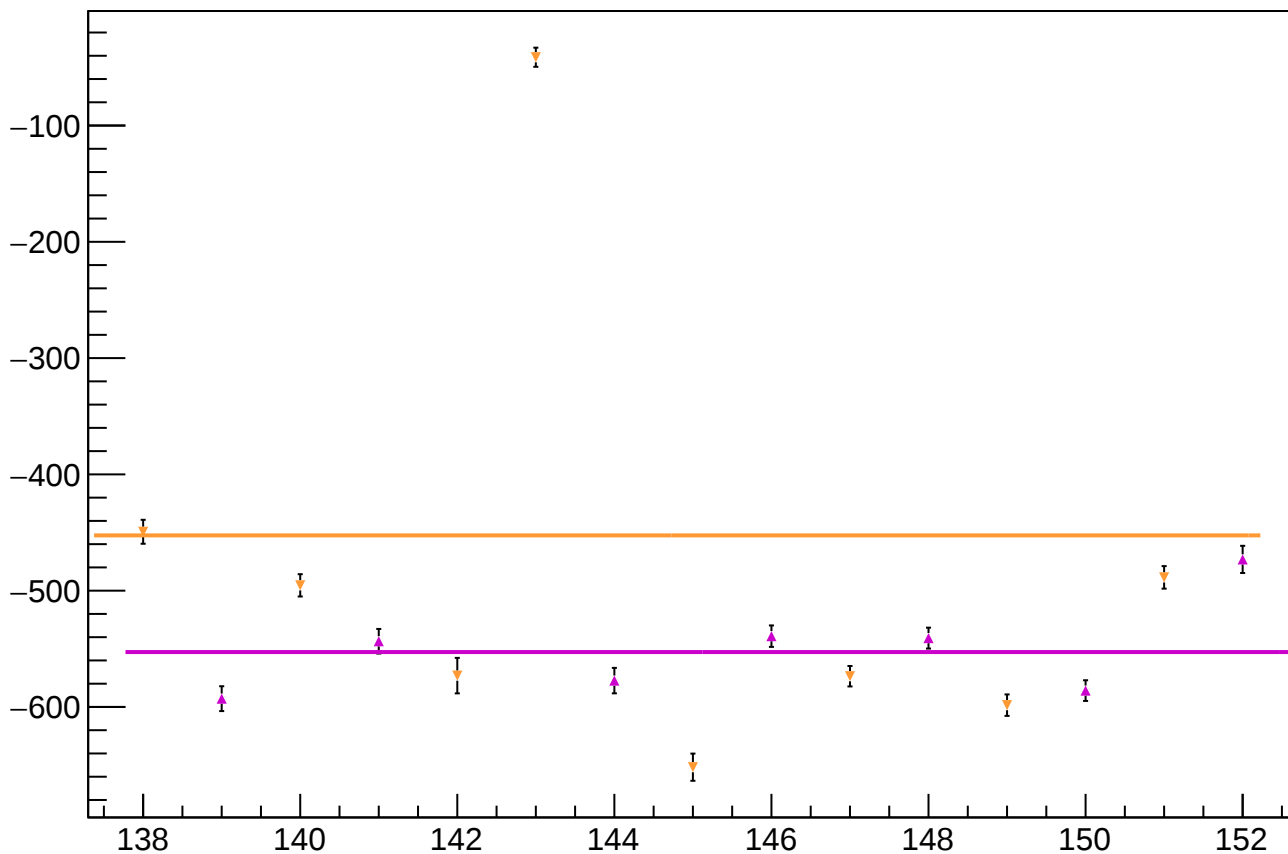
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.766 ± 0.034 $\chi^2/\text{NDF}: 729757.4/23$

Out: -22.169 ± 0.036 $\chi^2/\text{NDF}: 741460.9/25$

All: -21.431 ± 0.025 $\chi^2/\text{NDF}: 1472029.1/49$

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: -552.796+/-3.776 χ^2/NDF :84.2/6

Left: -498.710+/-2.564 χ^2/NDF : 3791.0/14

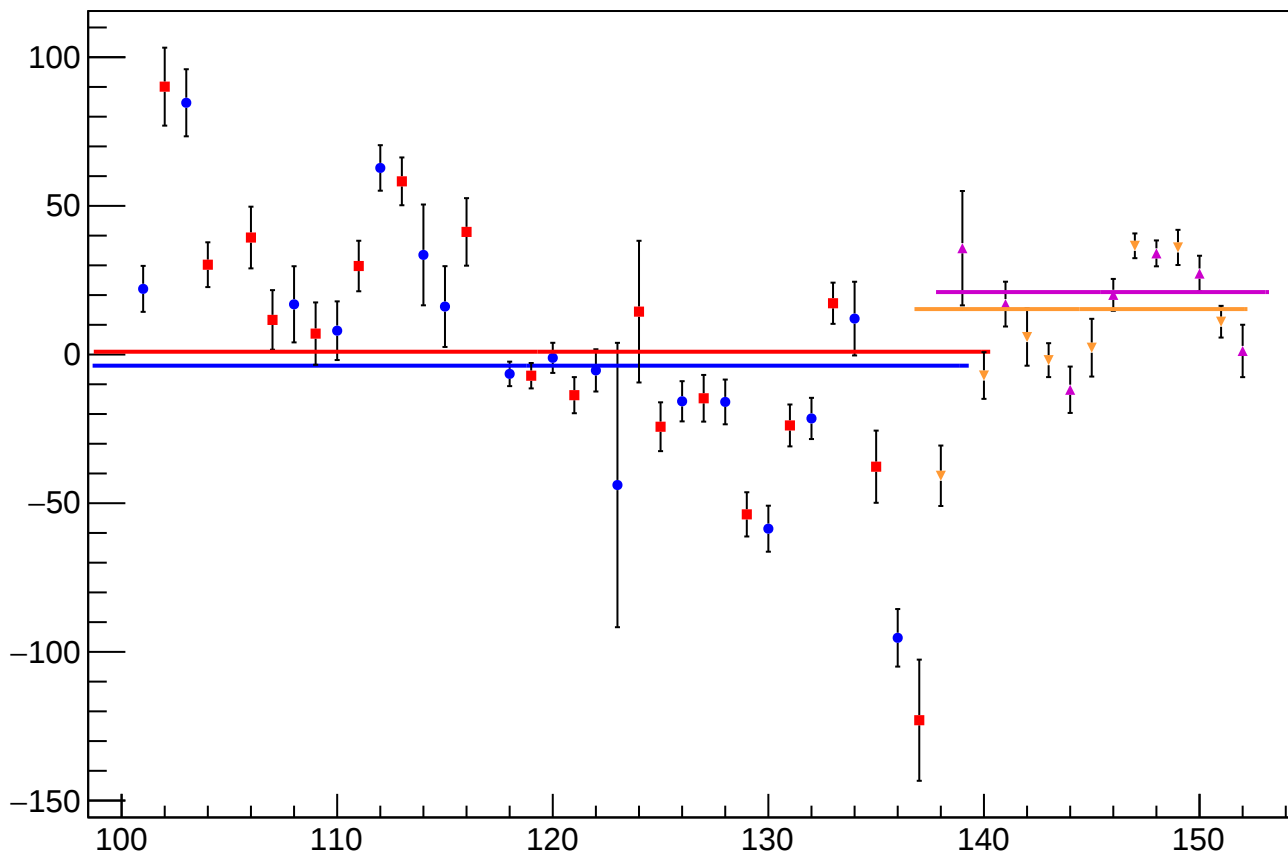
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.796+/-3.776 χ^2/NDF :84.2/6

Out: -452.461+/-3.492 χ^2/NDF :3326.2/7

All: -498.710+/-2.564 χ^2/NDF : 3791.0/14

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 15.291 ± 2.239 χ^2/NDF : 89.4/7

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 21.009 ± 2.462 χ^2/NDF : 33.7/6

Left: 17.880 ± 1.656 χ^2/NDF : 126.1/14

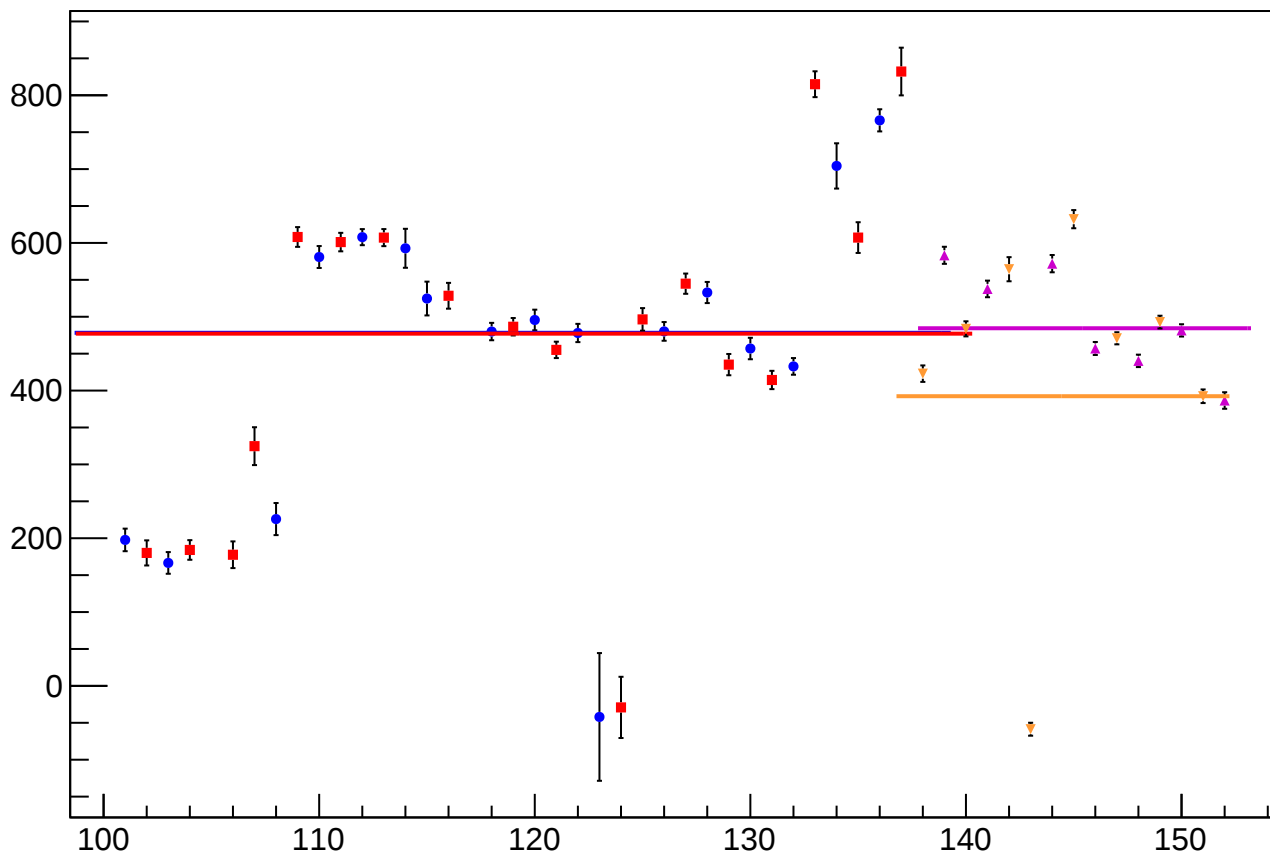
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 5.449 ± 1.500 χ^2/NDF : 411.4/23

Out: 7.019 ± 1.457 χ^2/NDF : 406.8/25

All: 6.257 ± 1.045 χ^2/NDF : 818.7/49

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 392.372+/-3.514 χ^2/NDF : 3447.8/7

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 484.419+/-3.725 χ^2/NDF : 264.9/6

Left: 435.719+/-2.556 χ^2/NDF : 4035.8/14

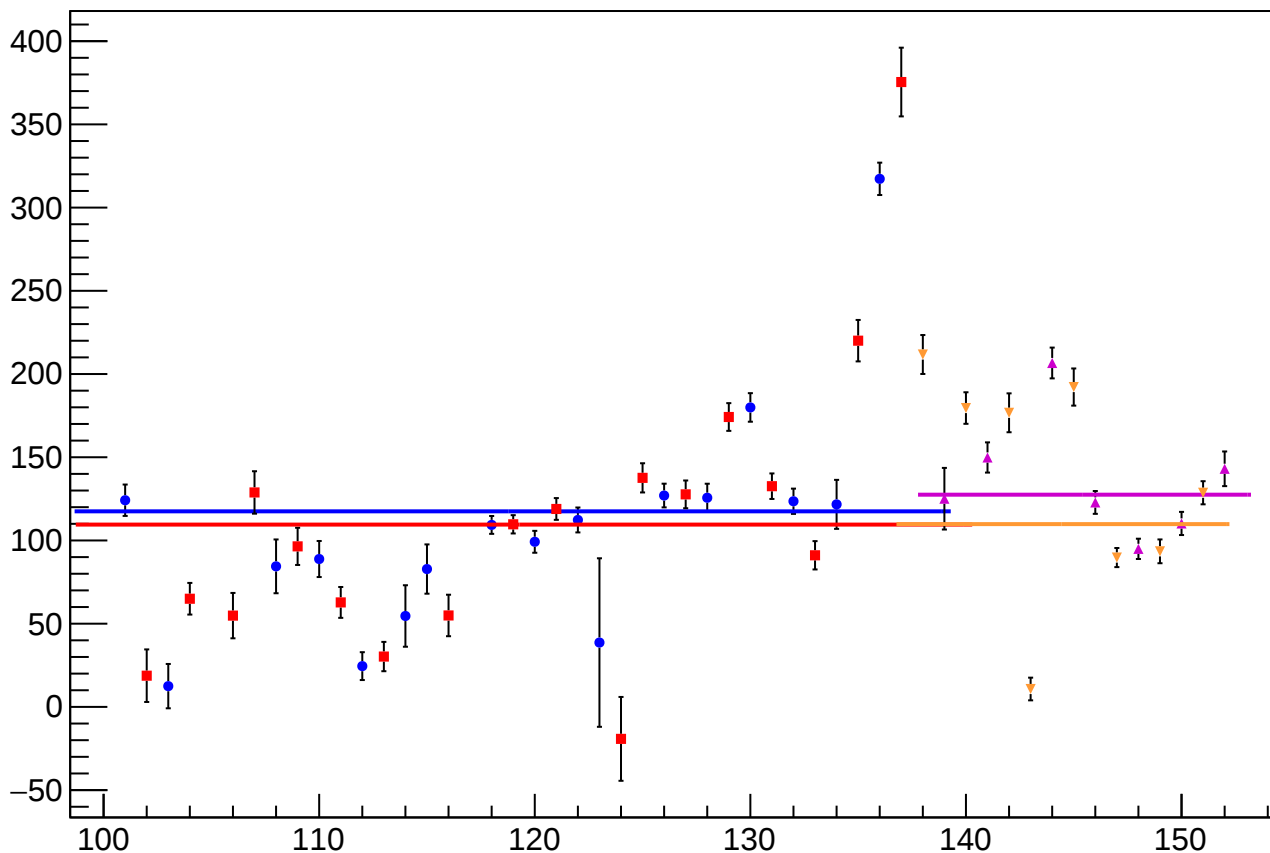
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 481.269+/-2.603 χ^2/NDF : 1894.2/23

Out: 434.412+/-2.495 χ^2/NDF : 5912.0/25

All: 456.846+/-1.801 χ^2/NDF : 7975.2/49

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: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 127.506 $\pm$ 3.089 χ^2 /NDF: 116.7/6

Left: 117.854 $\pm$ 2.082 χ^2 /NDF: 587.9/14

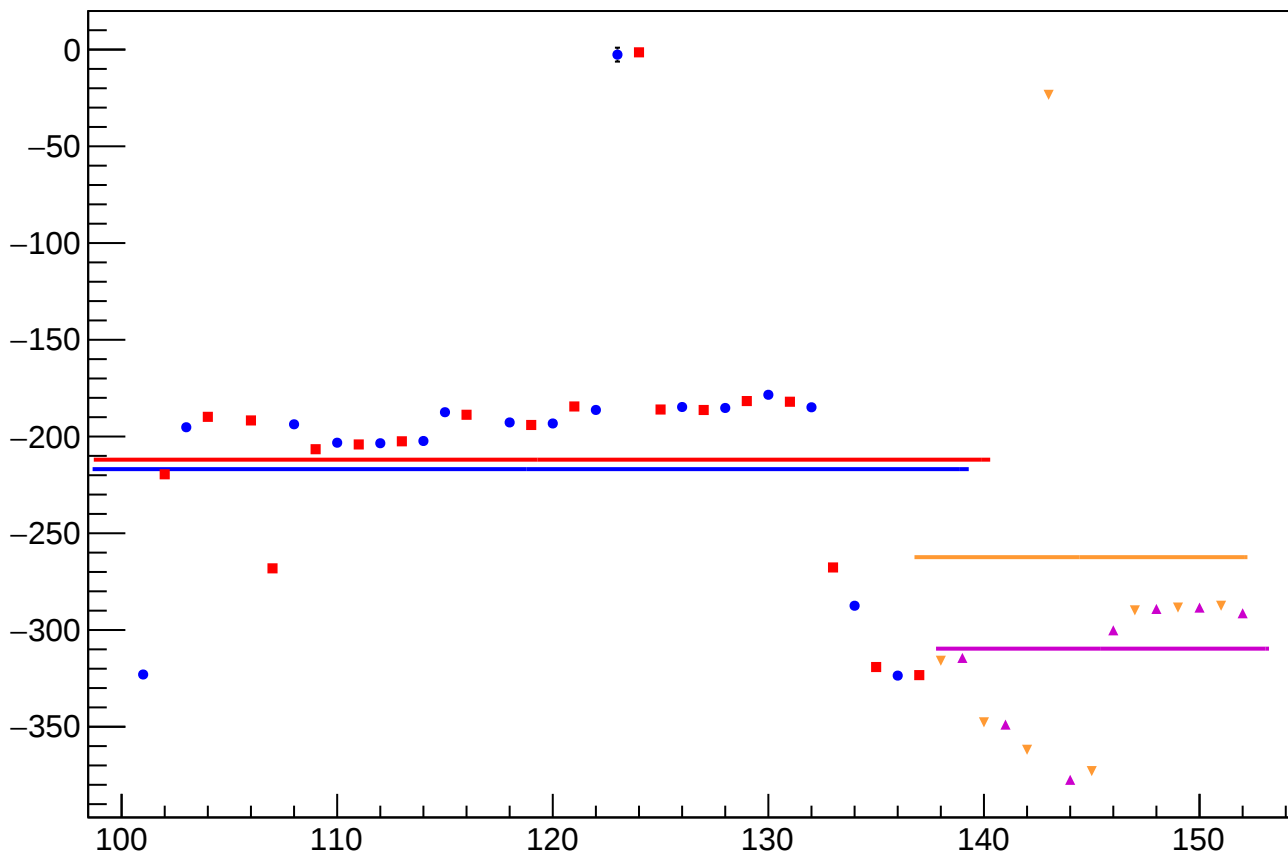
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 120.864 $\pm$ 1.791 χ^2 /NDF: 829.6/23

Out: 109.645 $\pm$ 1.738 χ^2 /NDF: 1015.6/25

All: 115.088 $\pm$ 1.247 χ^2 /NDF: 1865.4/49

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: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -309.635+/-0.156 χ^2/NDF : 34125.0/6

Left: -285.046+/-0.108 χ^2/NDF : 682125.2/14

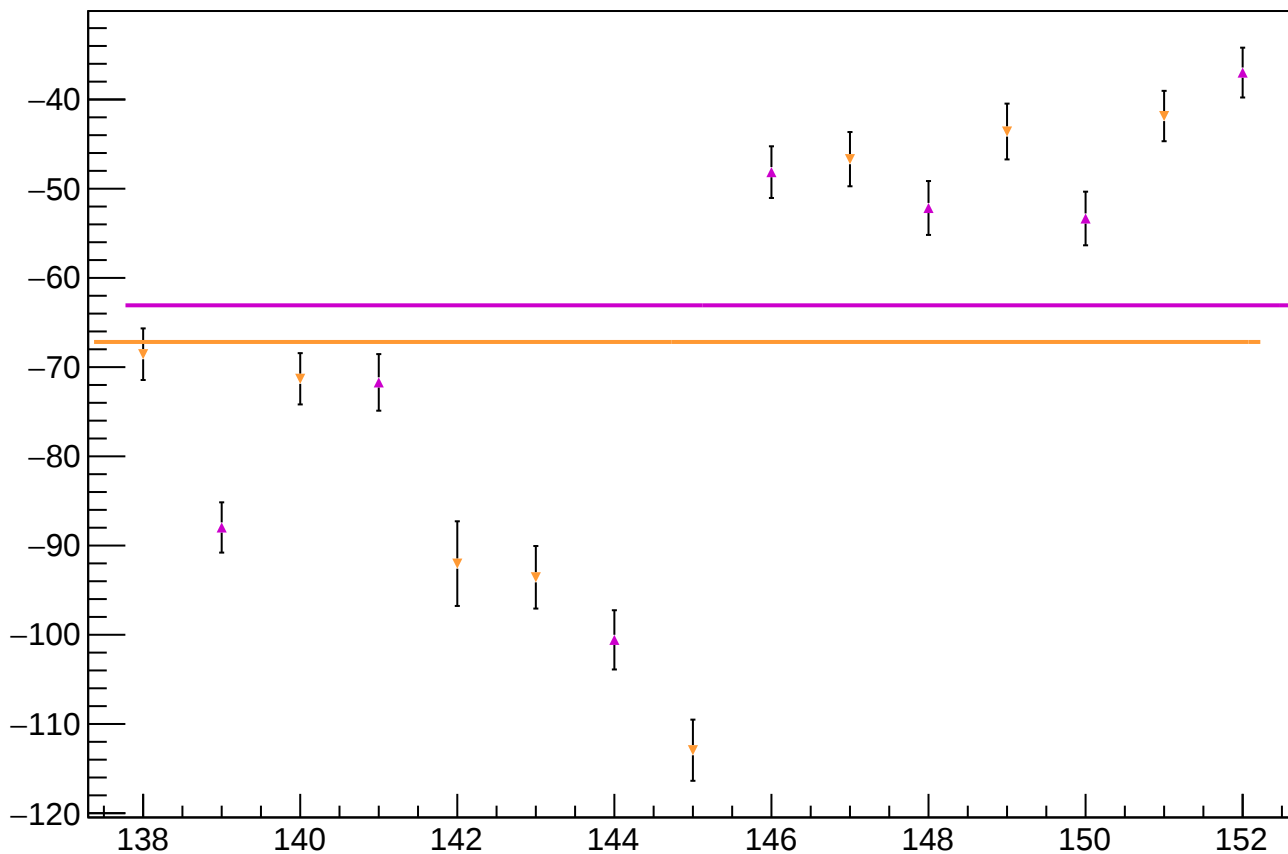
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -257.005+/-0.102 χ^2/NDF : 382873.8/23

Out: -233.790+/-0.098 χ^2/NDF : 776464.7/25

All: -244.940+/-0.071 χ^2/NDF : 1186091.3/49

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: -63.072+/-1.130 χ^2/NDF :350.4/6

Left: -65.130+/-0.798 χ^2/NDF : 804.3/14

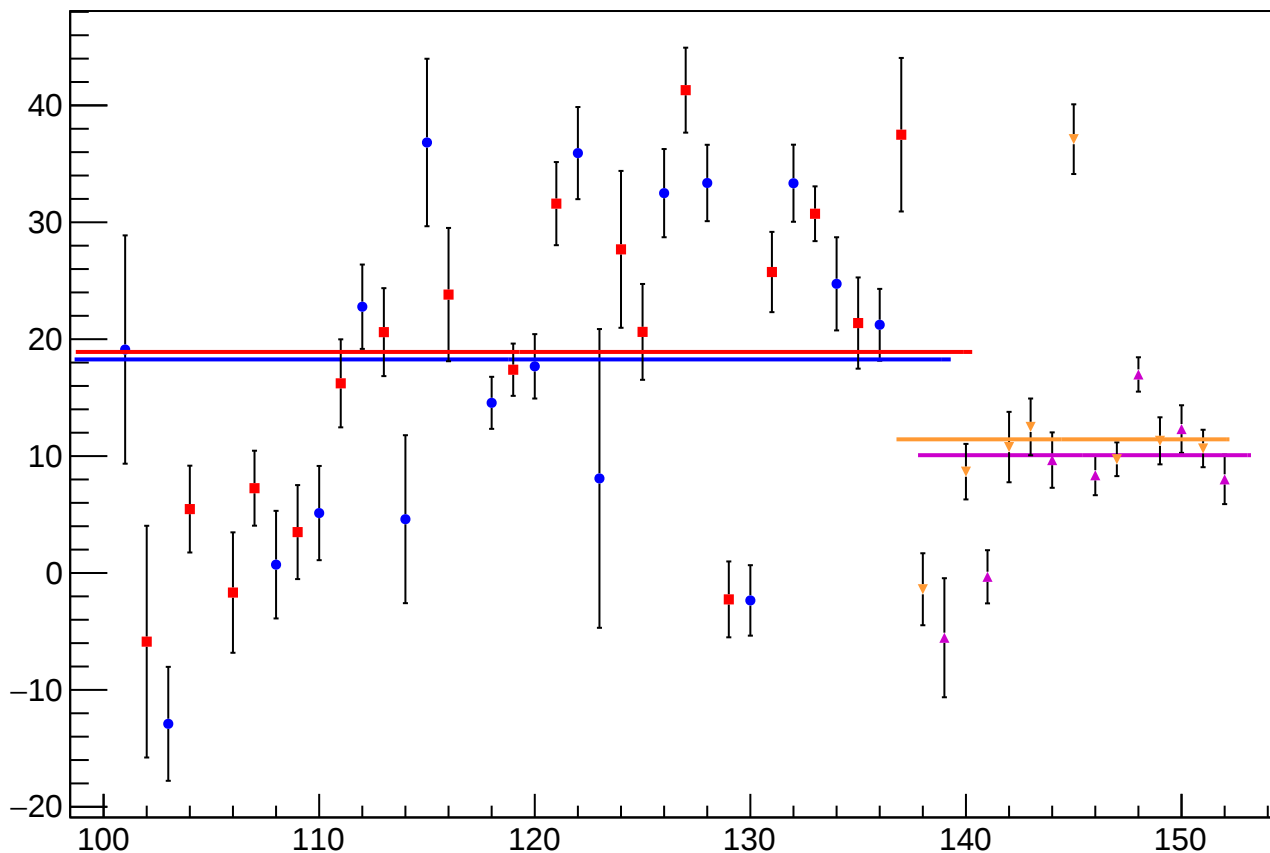
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.072+/-1.130 χ^2/NDF :350.4/6

Out: -67.179+/-1.127 χ^2/NDF :447.3/7

All: -65.130+/-0.798 χ^2/NDF : 804.3/14

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 11.433 ± 0.747 χ^2/NDF : 94.7/7

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 10.077 ± 0.771 χ^2/NDF : 55.6/6

Left: 10.777 ± 0.537 χ^2/NDF : 151.9/14

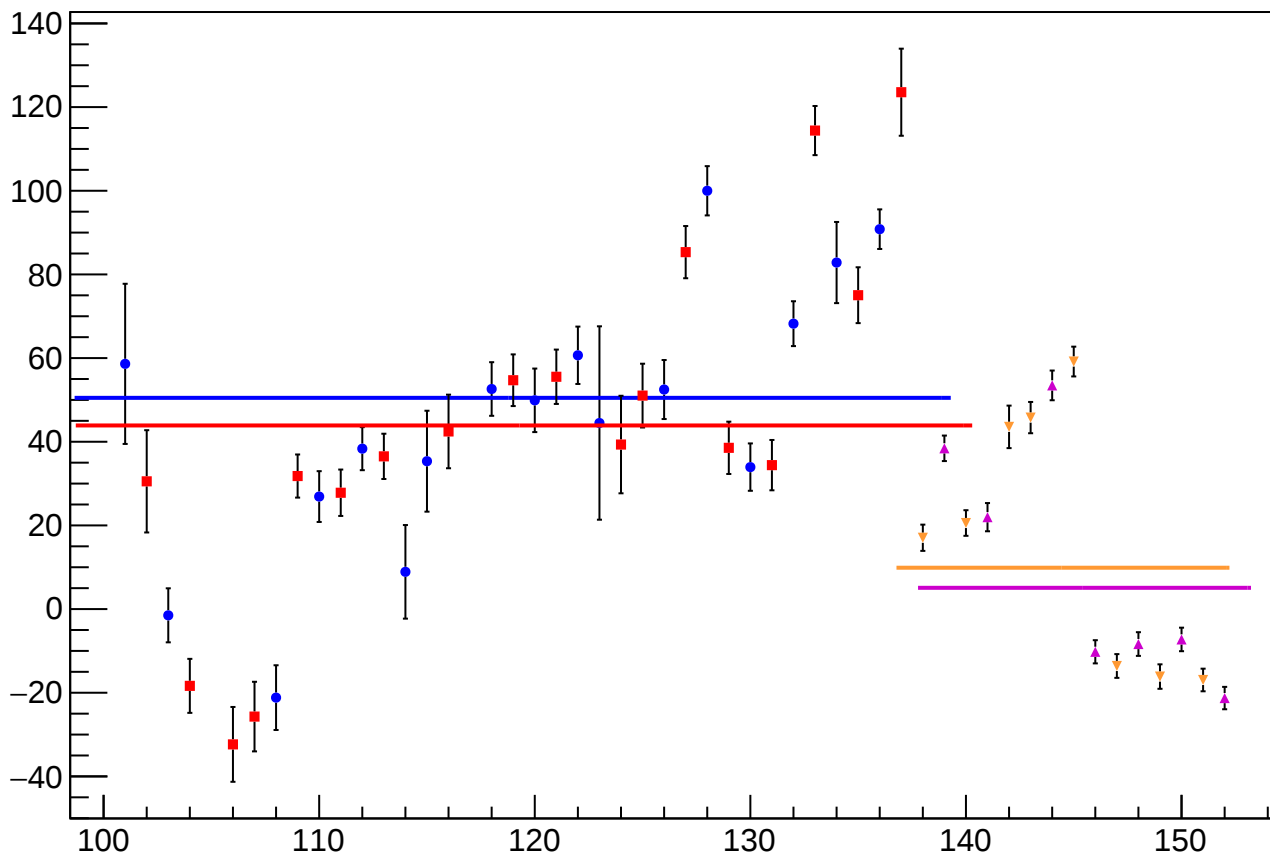
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 13.516 ± 0.588 χ^2/NDF : 311.3/23

Out: 14.631 ± 0.565 χ^2/NDF : 335.7/25

All: 14.095 ± 0.407 χ^2/NDF : 648.8/49

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: 9.887 ± 1.136 χ^2/NDF : 591.2/7

Right Out: 43.895 ± 1.604 χ^2/NDF : 531.7/17

Left In: 5.084 ± 1.121 χ^2/NDF : 499.6/6

Left: 7.454 ± 0.798 χ^2/NDF : 1099.9/14

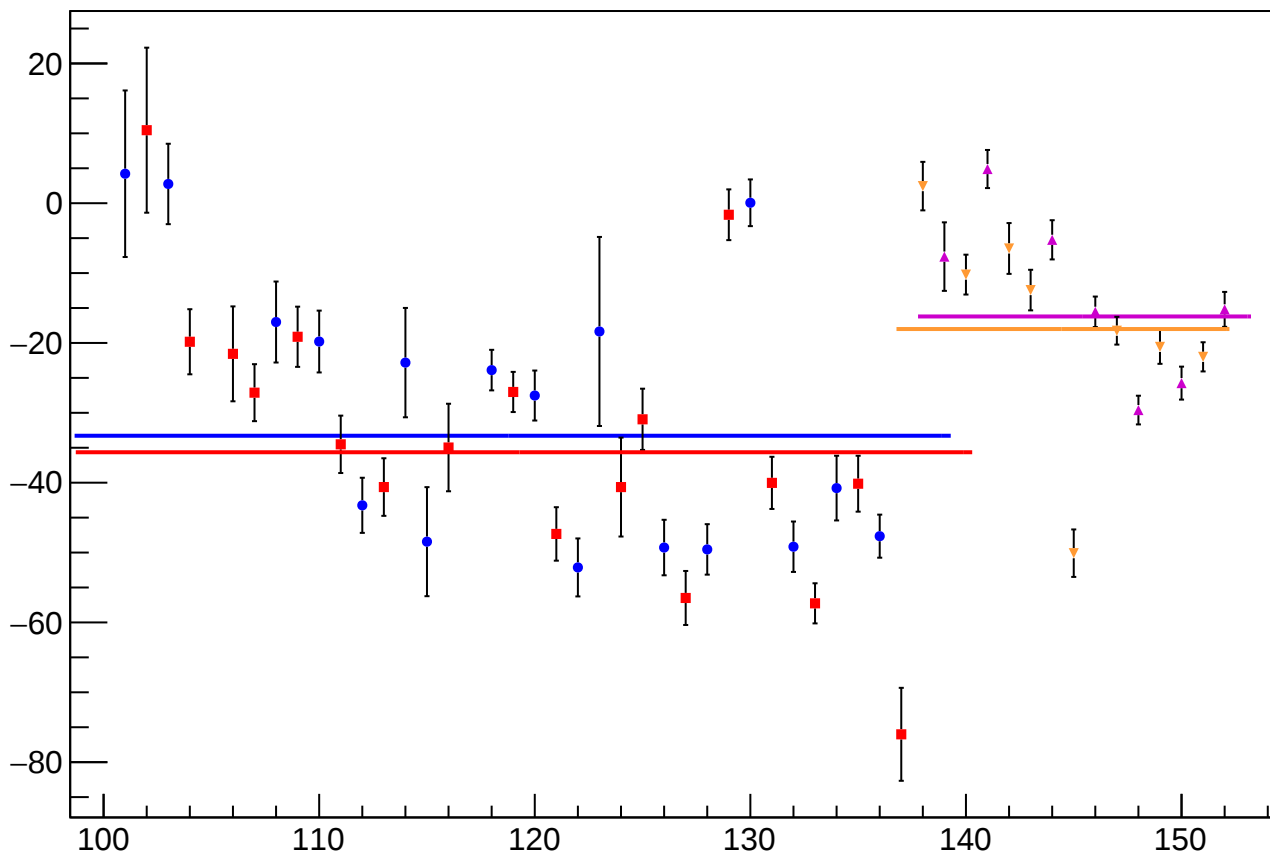
Right: 47.060 ± 1.157 χ^2/NDF : 903.0/34

In: 19.181 ± 0.931 χ^2/NDF : 1372.2/23

Out: 21.248 ± 0.927 χ^2/NDF : 1422.3/25

All: 20.219 ± 0.657 χ^2/NDF : 2797.0/49

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -18.008 ± 0.937 $\chi^2/\text{NDF}: 149.9/7$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -16.209 ± 0.958 $\chi^2/\text{NDF}: 137.3/6$

Left: -17.128 ± 0.670 $\chi^2/\text{NDF}: 289.0/14$

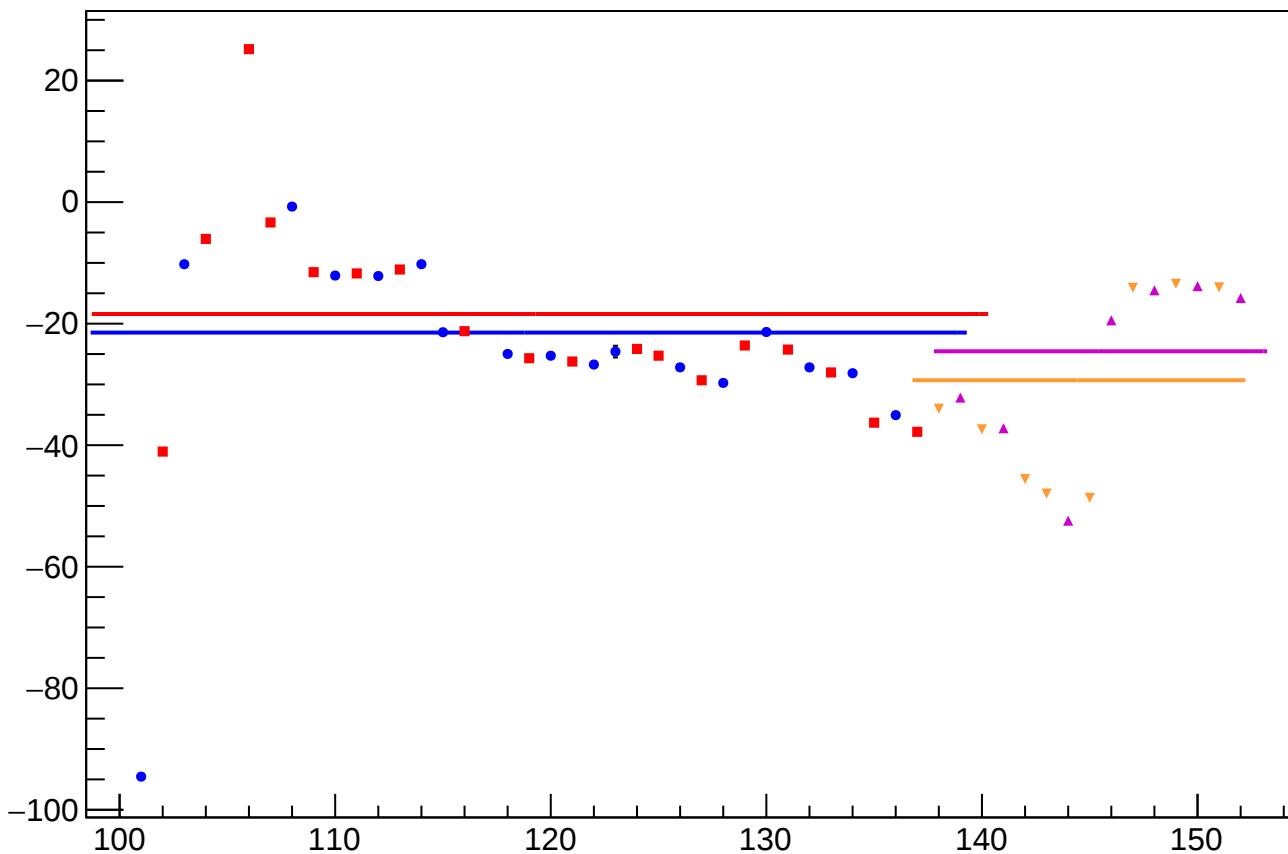
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -24.086 ± 0.703 $\chi^2/\text{NDF}: 576.8/23$

Out: -26.317 ± 0.681 $\chi^2/\text{NDF}: 601.4/25$

All: -25.236 ± 0.489 $\chi^2/\text{NDF}: 1183.4/49$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -29.311 ± 0.048 $\chi^2/\text{NDF}: 91822.6/7$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -24.546 ± 0.046 $\chi^2/\text{NDF}: 69066.5/6$

Left: -26.843 ± 0.033 $\chi^2/\text{NDF}: 165995.1/14$

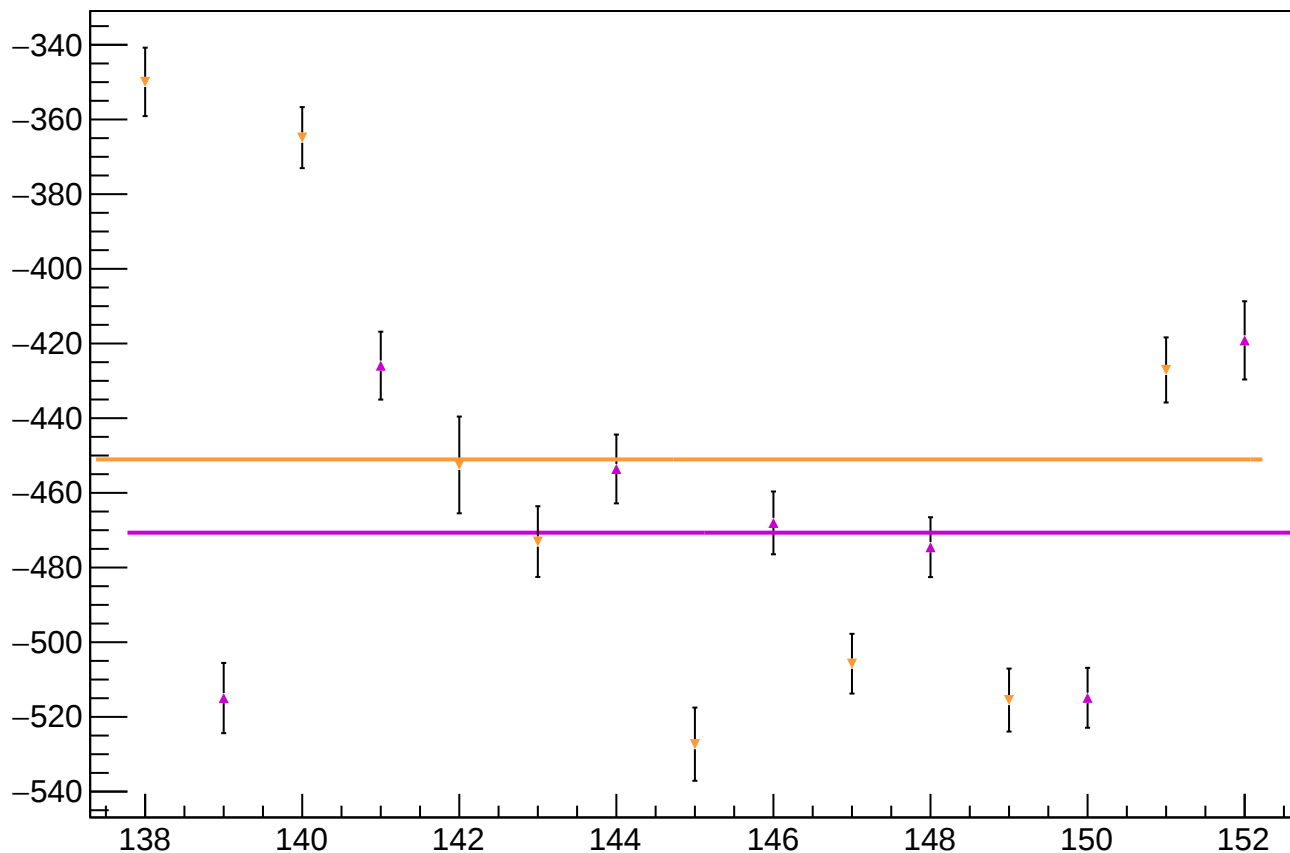
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -23.367 ± 0.036 $\chi^2/\text{NDF}: 119739.3/23$

Out: -24.825 ± 0.037 $\chi^2/\text{NDF}: 190641.5/25$

All: -24.087 ± 0.026 $\chi^2/\text{NDF}: 311174.4/49$

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: -470.662+/-3.342 χ^2/NDF :104.7/6

Left: -460.451+/-2.314 χ^2/NDF : 534.1/14

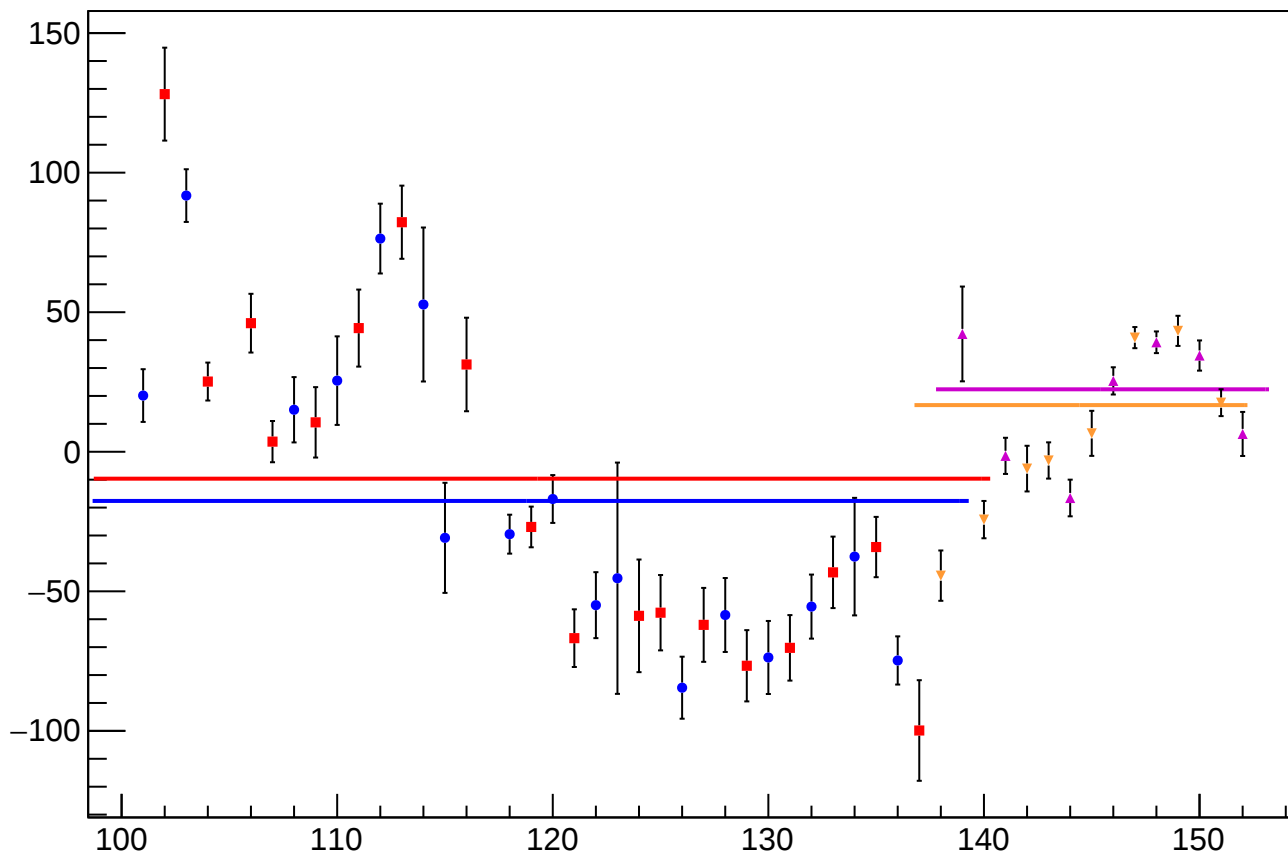
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -470.662+/-3.342 χ^2/NDF :104.7/6

Out: -451.049+/-3.207 χ^2/NDF :411.5/7

All: -460.451+/-2.314 χ^2/NDF : 534.1/14

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 16.720 ± 2.059 $\chi^2/\text{NDF}: 167.3/7$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 22.373 ± 2.187 $\chi^2/\text{NDF}: 78.4/6$

Left: 19.376 ± 1.499 $\chi^2/\text{NDF}: 249.3/14$

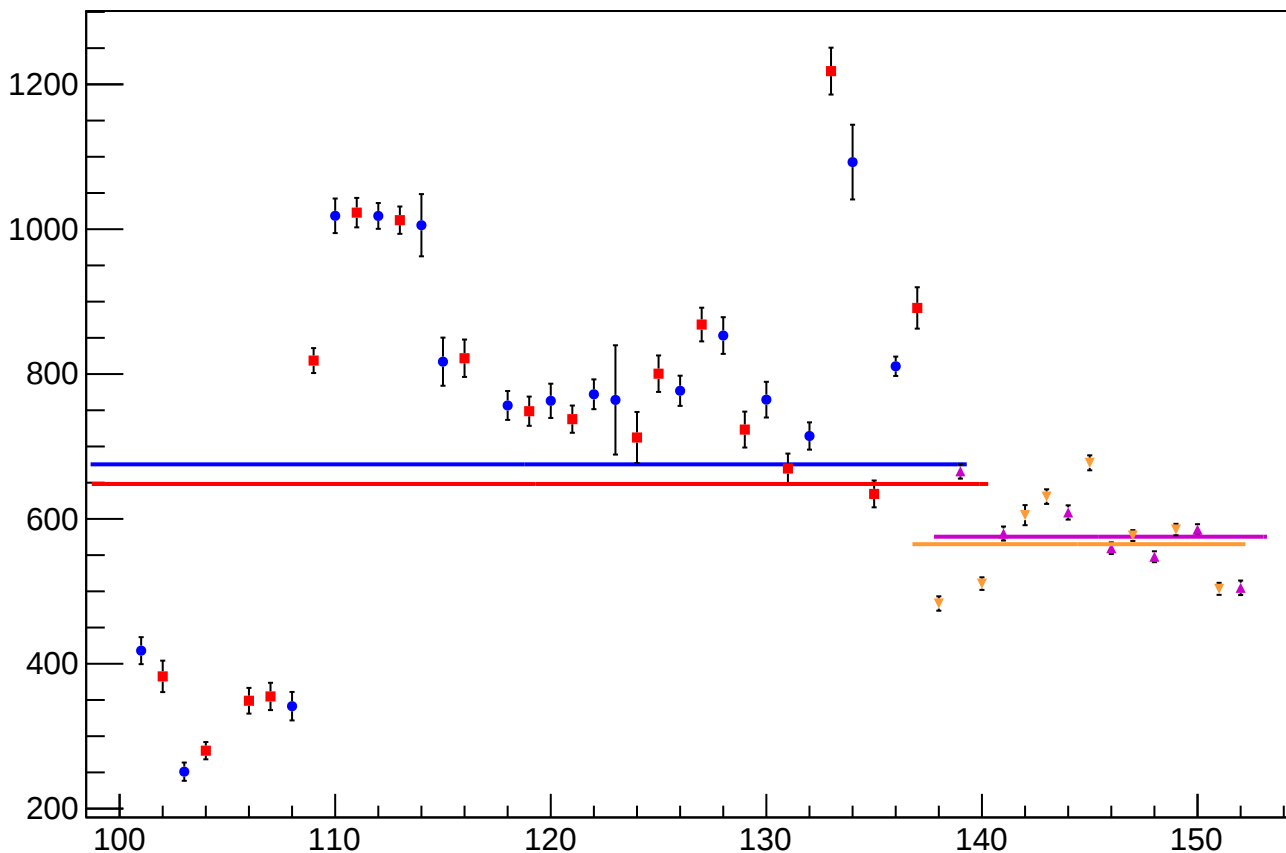
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 7.125 ± 1.720 $\chi^2/\text{NDF}: 567.9/23$

Out: 6.621 ± 1.617 $\chi^2/\text{NDF}: 590.8/25$

All: 6.857 ± 1.178 $\chi^2/\text{NDF}: 1158.7/49$

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: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 575.425 ± 3.305 χ^2/NDF : 159.1/6

Left: 570.131 ± 2.308 χ^2/NDF : 504.0/14

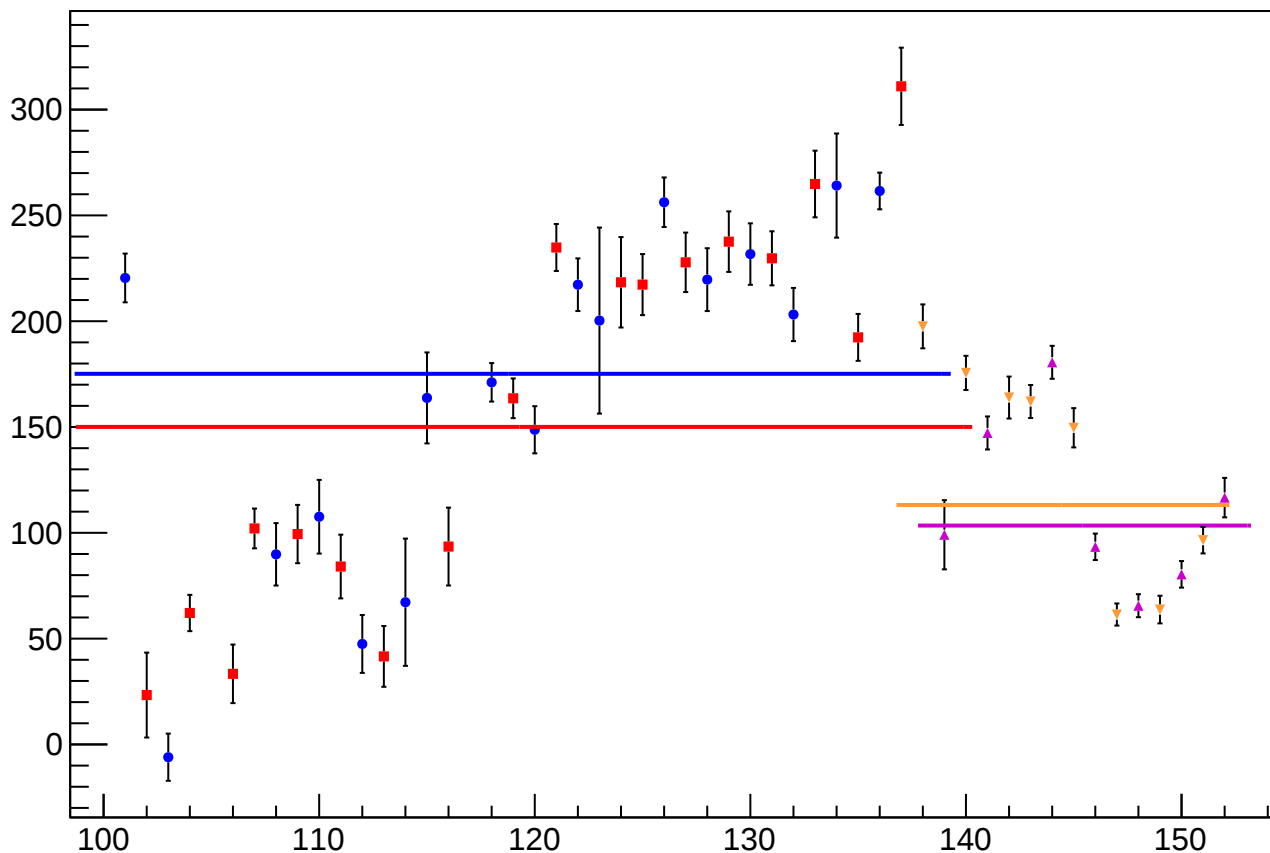
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 605.426 ± 2.765 χ^2/NDF : 3016.2/23

Out: 591.131 ± 2.672 χ^2/NDF : 3607.1/25

All: 598.035 ± 1.921 χ^2/NDF : 6637.1/49

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: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 103.433 $\pm$ 2.742 χ^2 /NDF:196.3/6

Left: 108.564 $\pm$ 1.885 χ^2 /NDF: 572.1/14

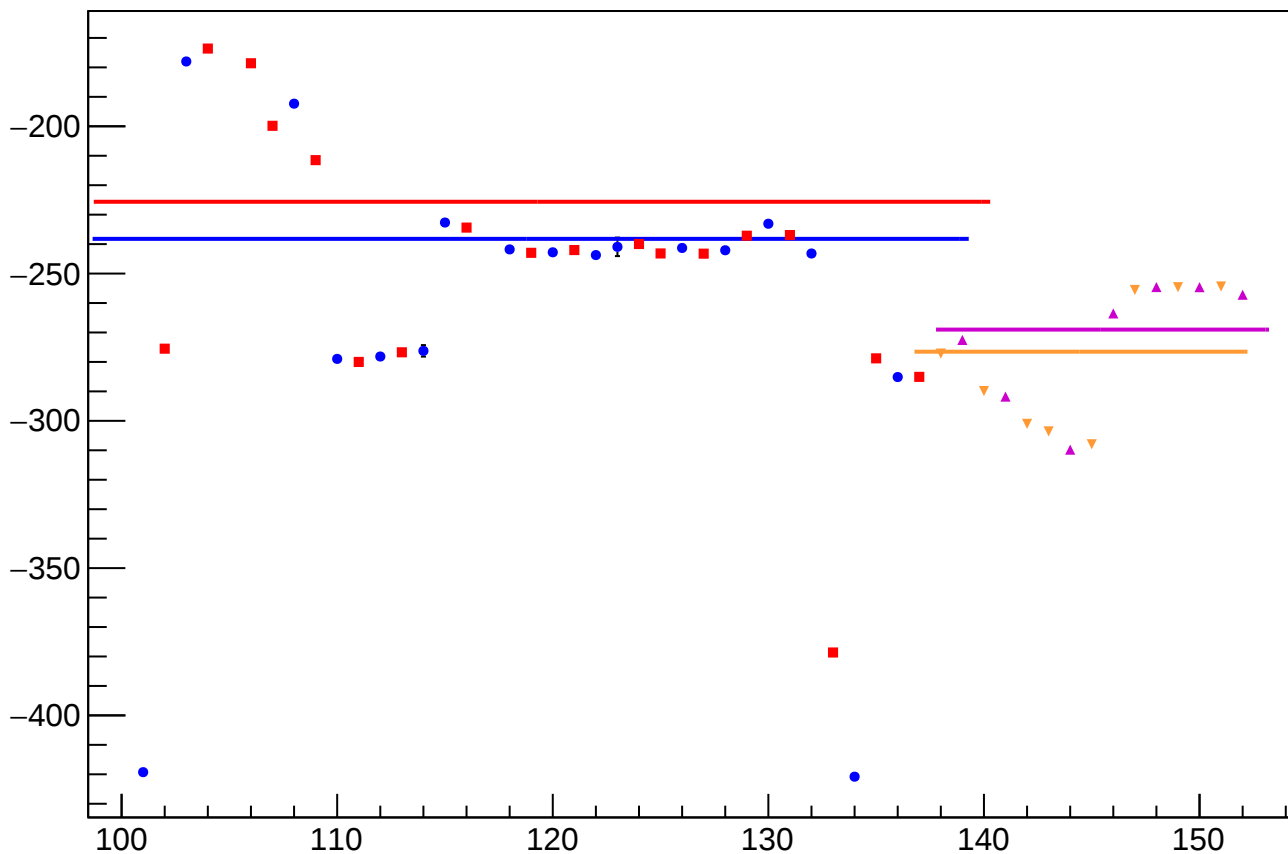
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 133.690 $\pm$ 2.085 χ^2 /NDF:1120.5/23

Out: 128.689 $\pm$ 1.976 χ^2 /NDF:1140.4/25

All: 131.056 $\pm$ 1.434 χ^2 /NDF: 2263.9/49

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: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -269.023+/-0.138 χ^2/NDF :17577.5/6

Left: -272.783+/-0.097 χ^2/NDF : 43985.9/14

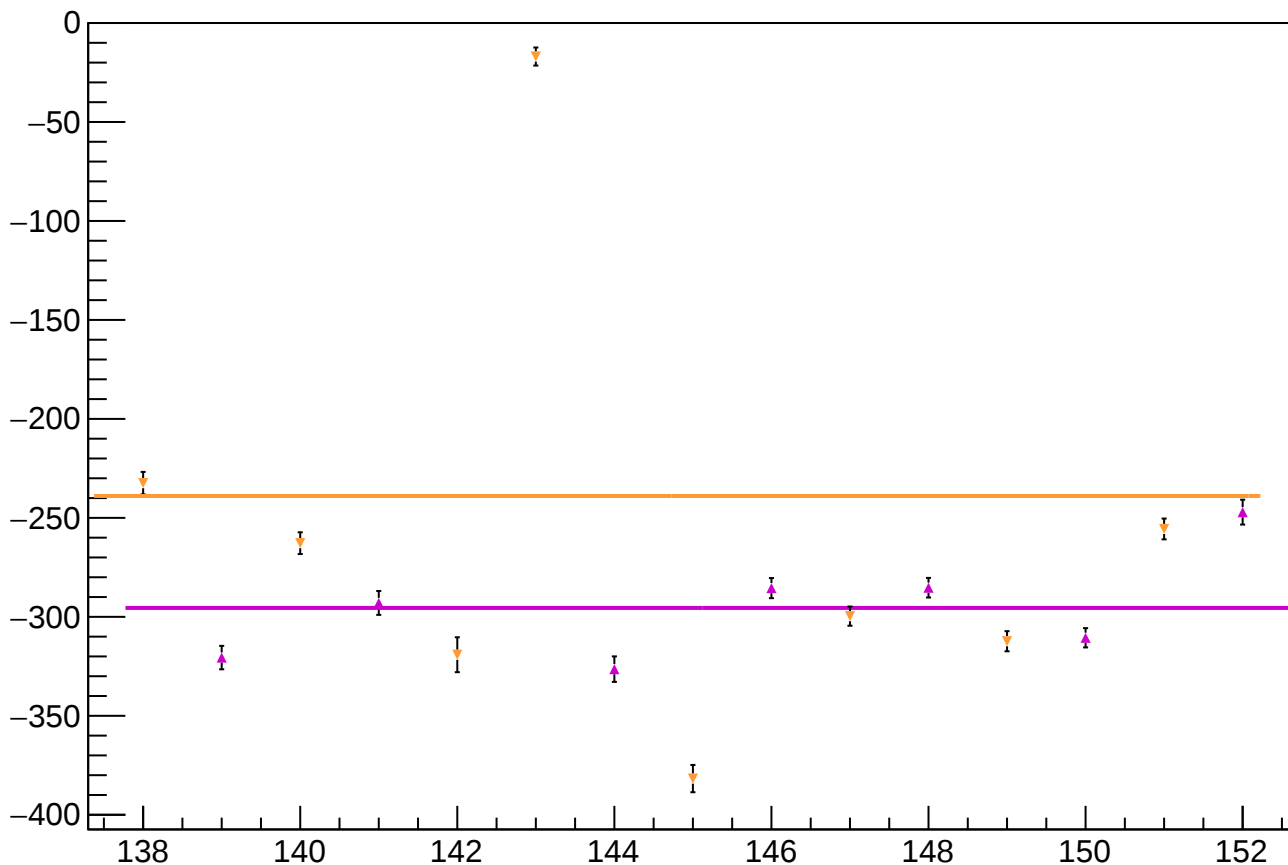
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -255.898+/-0.104 χ^2/NDF :205936.0/23

Out: -253.537+/-0.102 χ^2/NDF :182219.9/25

All: -254.687+/-0.073 χ^2/NDF : 388417.6/49

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: -295.497+/-2.099 χ^2/NDF :118.2/6

Left: -265.106+/-1.428 χ^2/NDF : 3783.3/14

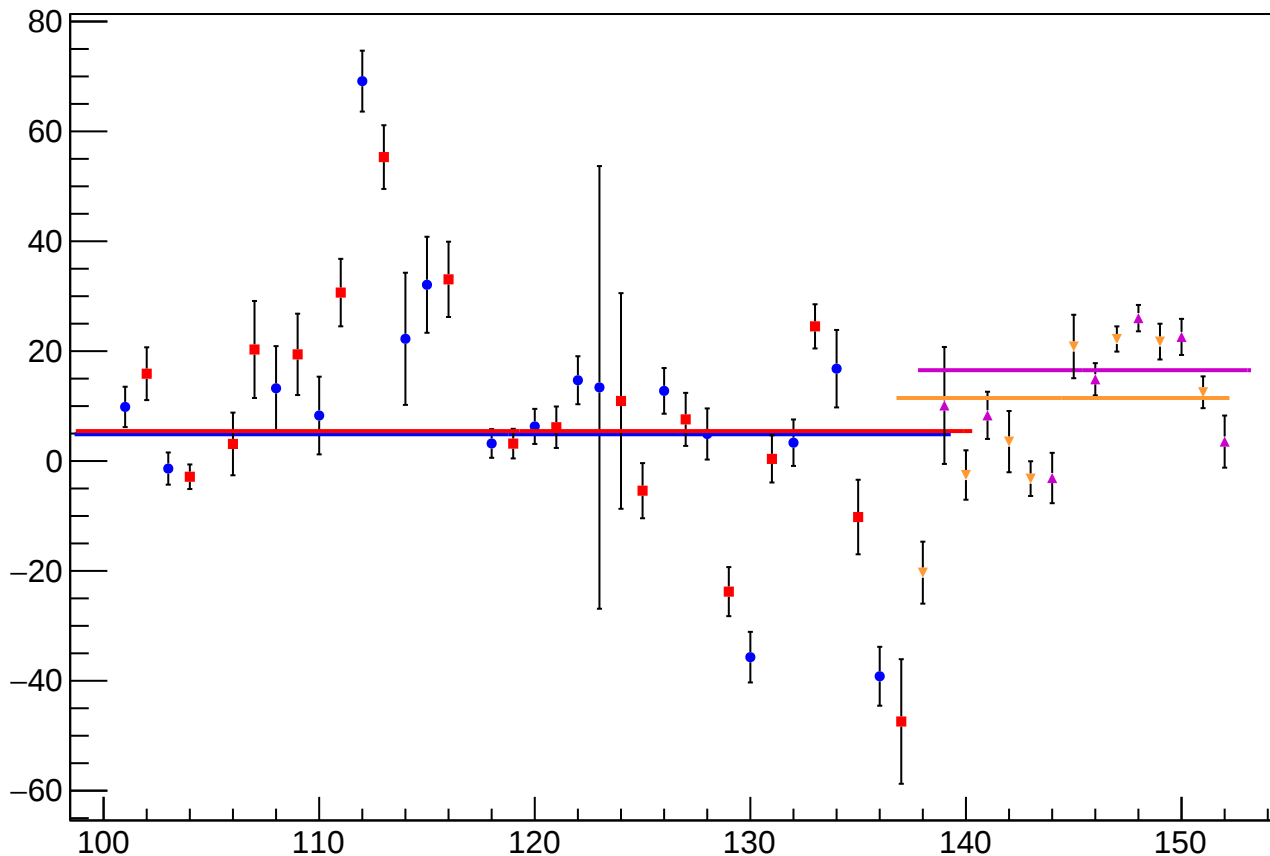
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.497+/-2.099 χ^2/NDF :118.2/6

Out: -238.944+/-1.947 χ^2/NDF :3275.1/7

All: -265.106+/-1.428 χ^2/NDF : 3783.3/14

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2 /NDF: 311.5/16

Left Out: 11.470 $\pm$ 1.244 χ^2 /NDF:99.6/7

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 16.532 $\pm$ 1.364 χ^2 /NDF:49.2/6

Left: 13.767 $\pm$ 0.919 χ^2 /NDF: 156.3/14

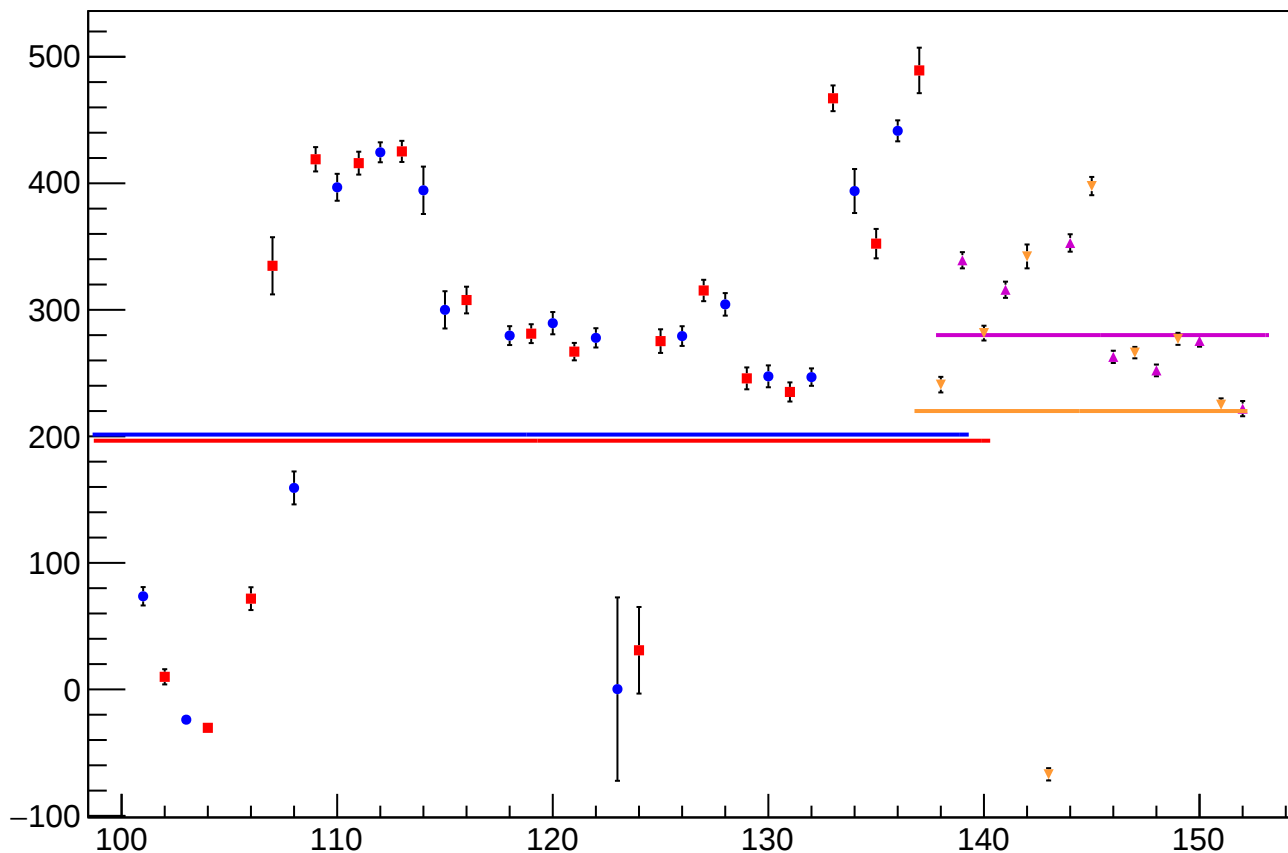
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 9.417 $\pm$ 0.852 χ^2 /NDF:405.3/23

Out: 8.013 $\pm$ 0.812 χ^2 /NDF:344.6/25

All: 8.681 $\pm$ 0.588 χ^2 /NDF: 751.4/49

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: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 280.038 $\pm$ 2.066 χ^2 /NDF: 371.0/6

Left: 248.390 $\pm$ 1.421 χ^2 /NDF: 5441.8/14

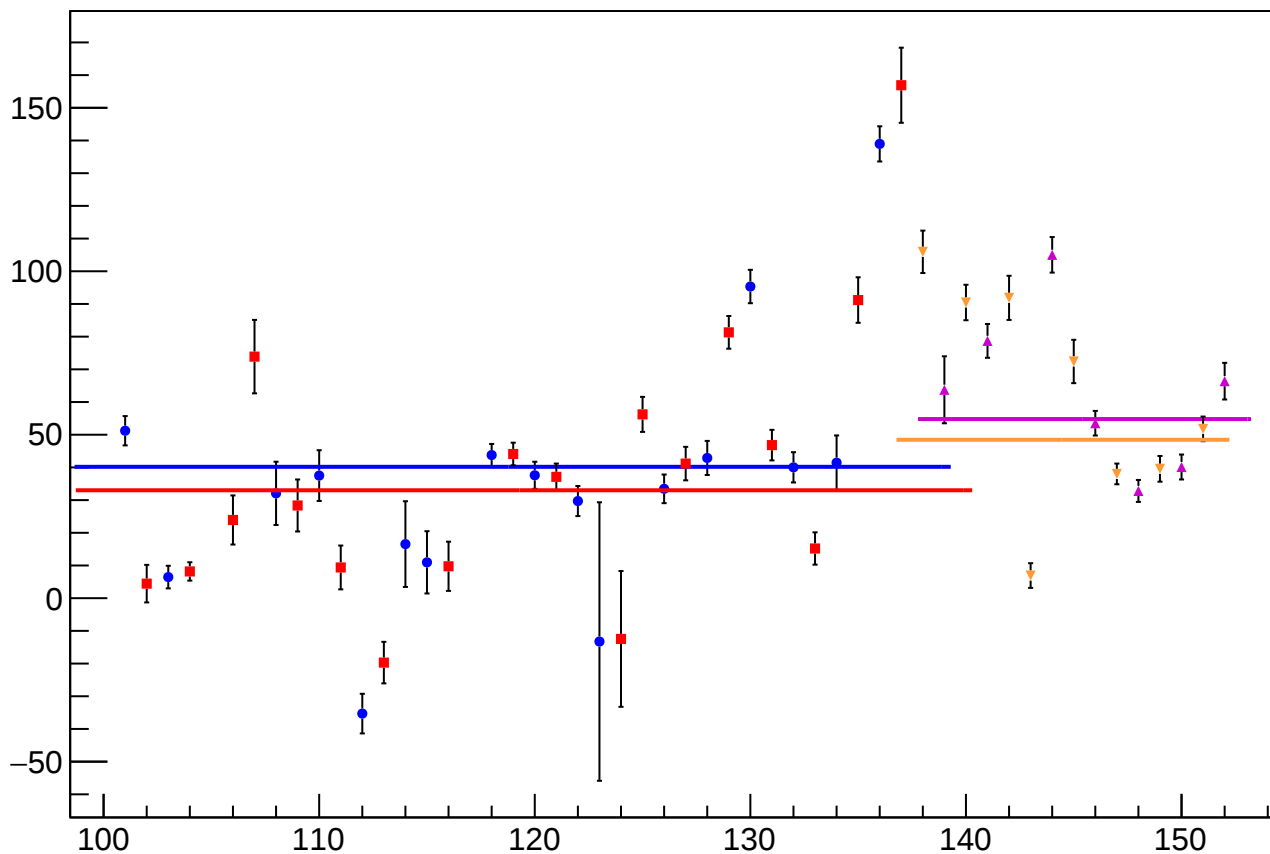
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 238.922 $\pm$ 1.427 χ^2 /NDF: 7868.8/23

Out: 208.141 $\pm$ 1.374 χ^2 /NDF: 12876.7/25

All: 222.951 $\pm$ 0.990 χ^2 /NDF: 20986.8/49

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 48.455 $\pm$ 1.567 χ^2 /NDF:330.5/7

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 54.789 $\pm$ 1.714 χ^2 /NDF:169.5/6

Left: 51.340 $\pm$ 1.156 χ^2 /NDF: 507.4/14

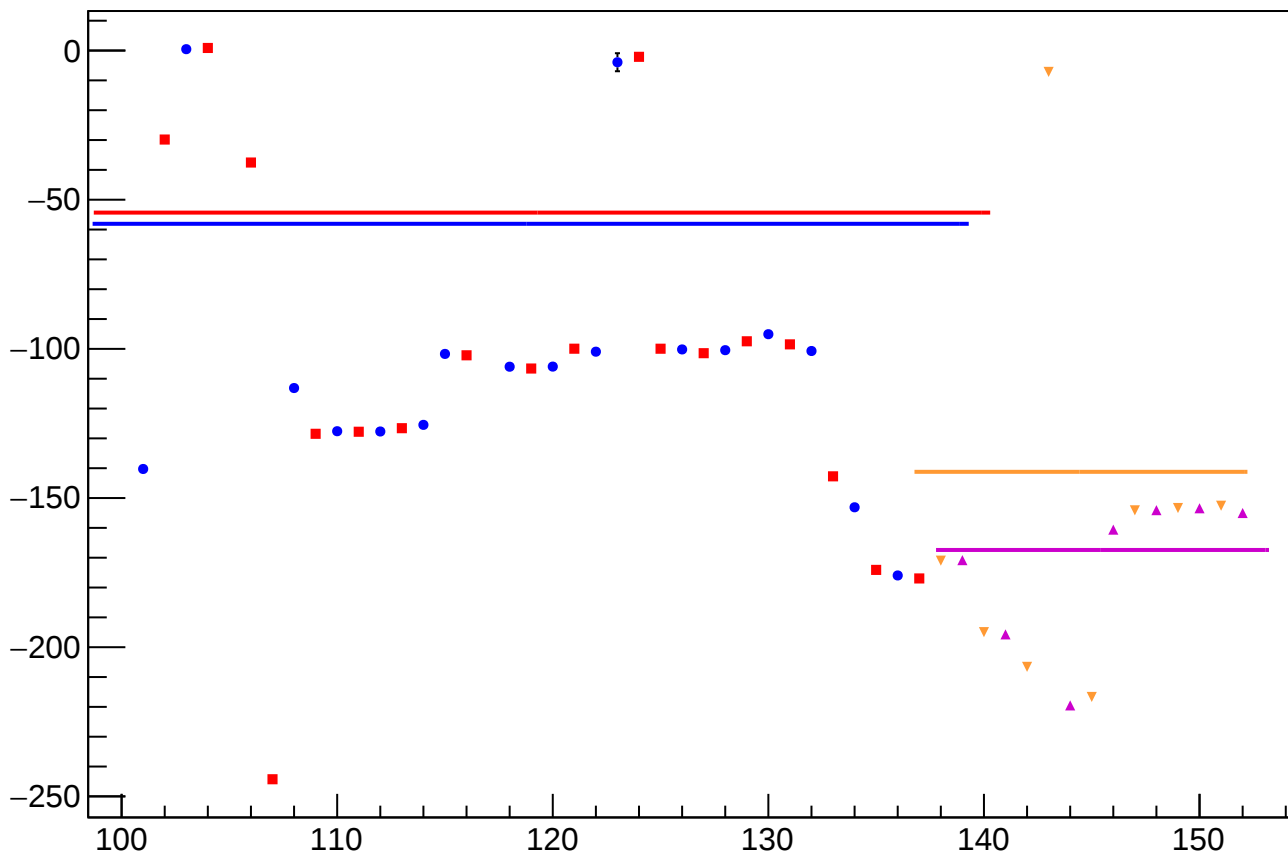
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 45.360 $\pm$ 1.020 χ^2 /NDF:950.4/23

Out: 39.032 $\pm$ 0.979 χ^2 /NDF:936.9/25

All: 42.064 $\pm$ 0.706 χ^2 /NDF: 1907.3/49

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -141.212 ± 0.083 $\chi^2/\text{NDF}: 639553.1/7$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -167.404 ± 0.086 $\chi^2/\text{NDF}: 55187.0/6$

Left: -153.845 ± 0.060 $\chi^2/\text{NDF}: 742485.8/14$

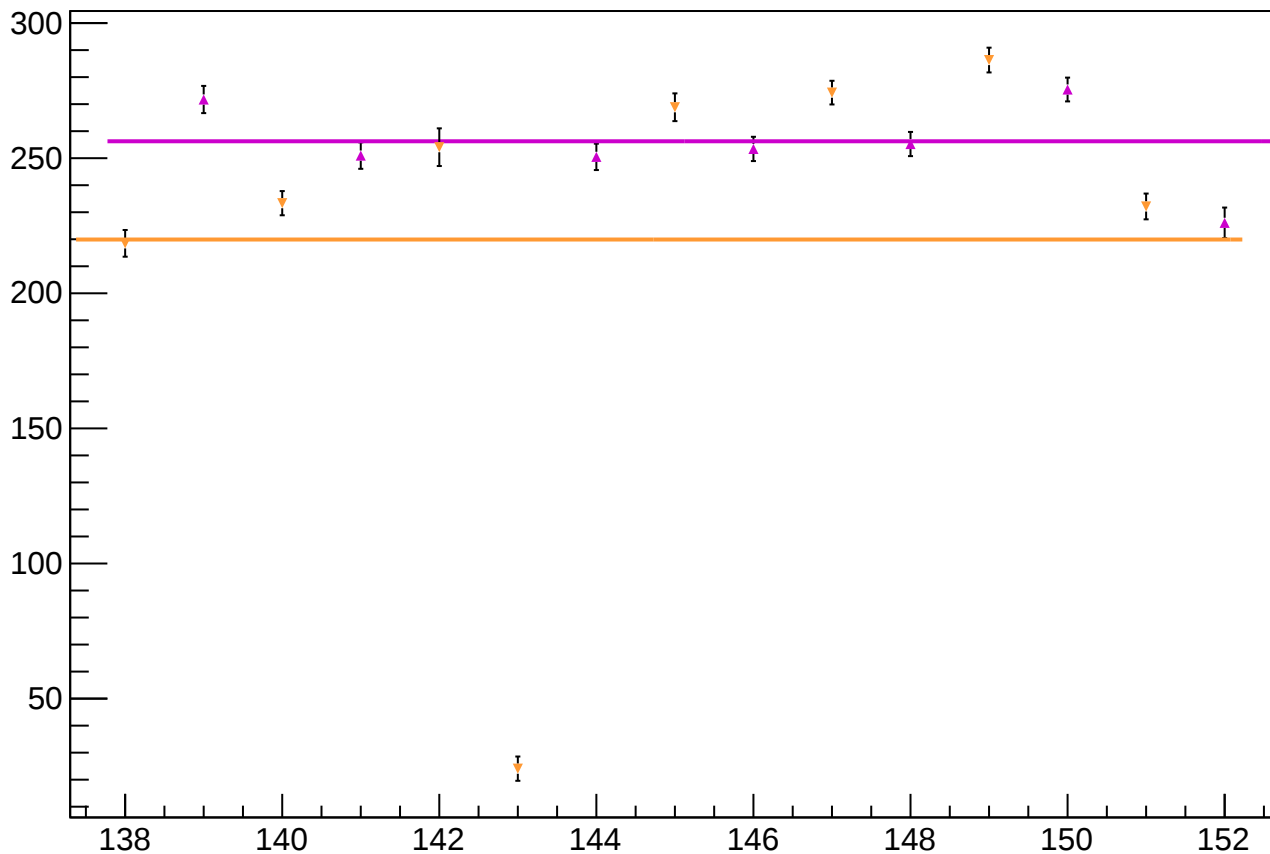
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -95.026 ± 0.050 $\chi^2/\text{NDF}: 2223468.6/23$

Out: -84.313 ± 0.049 $\chi^2/\text{NDF}: 2343965.5/25$

All: -89.536 ± 0.035 $\chi^2/\text{NDF}: 4590827.2/49$

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: 256.261+/-1.809 χ^2/NDF :59.9/6

Left: 237.039+/-1.242 χ^2/NDF : 2669.0/14

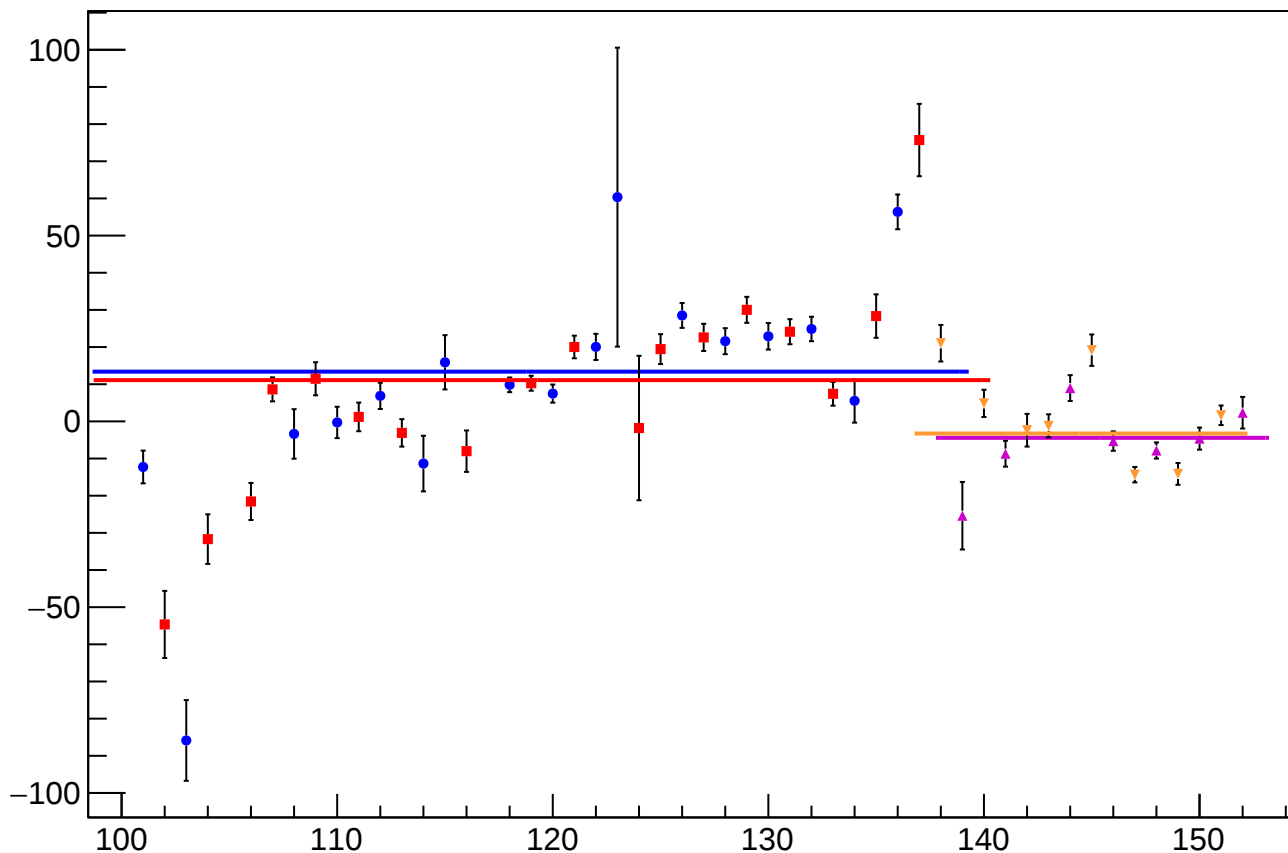
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.261+/-1.809 χ^2/NDF :59.9/6

Out: 219.902+/-1.709 χ^2/NDF :2395.7/7

All: 237.039+/-1.242 χ^2/NDF : 2669.0/14

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -3.269 ± 1.105 $\chi^2/\text{NDF}: 103.5/7$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -4.426 ± 1.193 $\chi^2/\text{NDF}: 26.7/6$

Left: -3.804 ± 0.811 $\chi^2/\text{NDF}: 130.7/14$

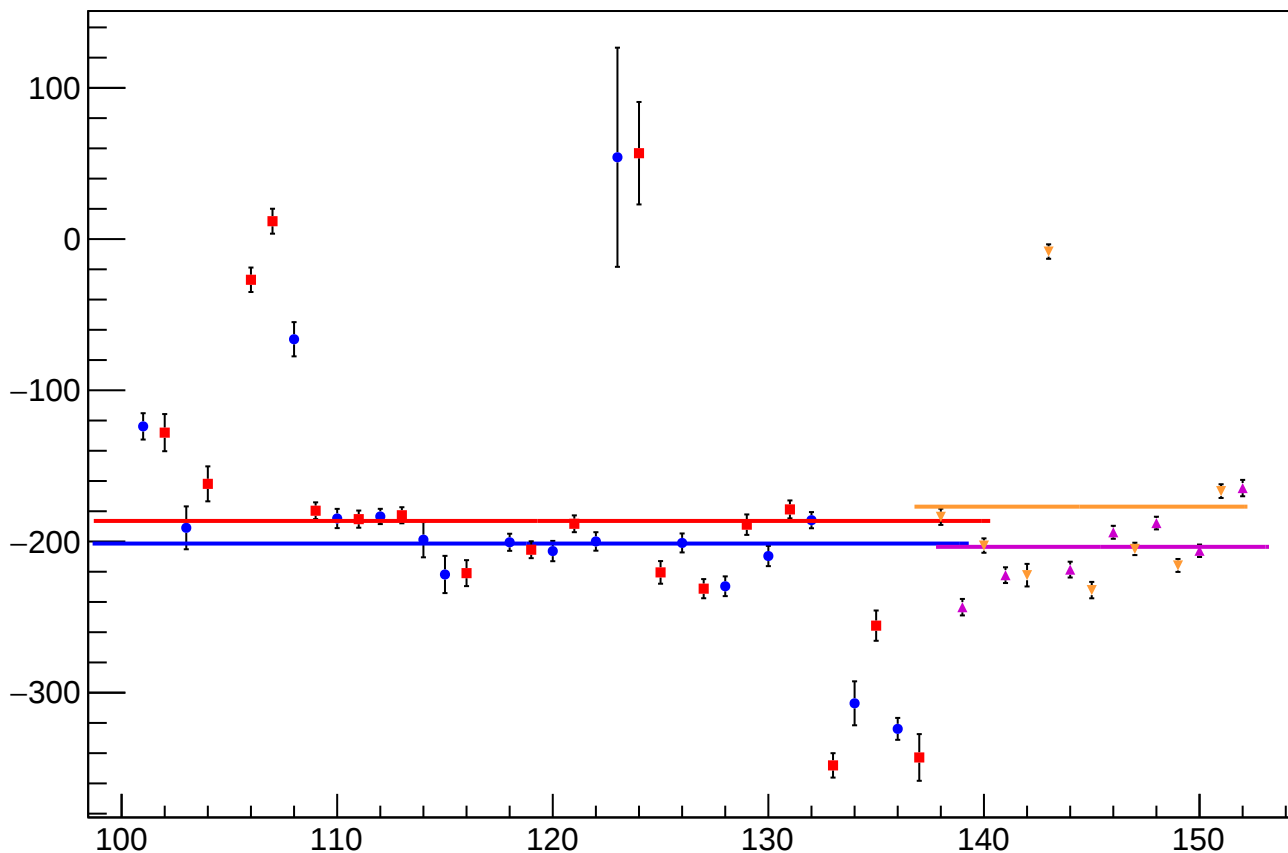
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 6.732 ± 0.729 $\chi^2/\text{NDF}: 460.5/23$

Out: 5.255 ± 0.705 $\chi^2/\text{NDF}: 496.0/25$

All: 5.968 ± 0.507 $\chi^2/\text{NDF}: 958.6/49$

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: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -203.539 ± 1.792 χ^2/NDF : 145.9/6

Left: -189.724 ± 1.242 χ^2/NDF : 1805.5/14

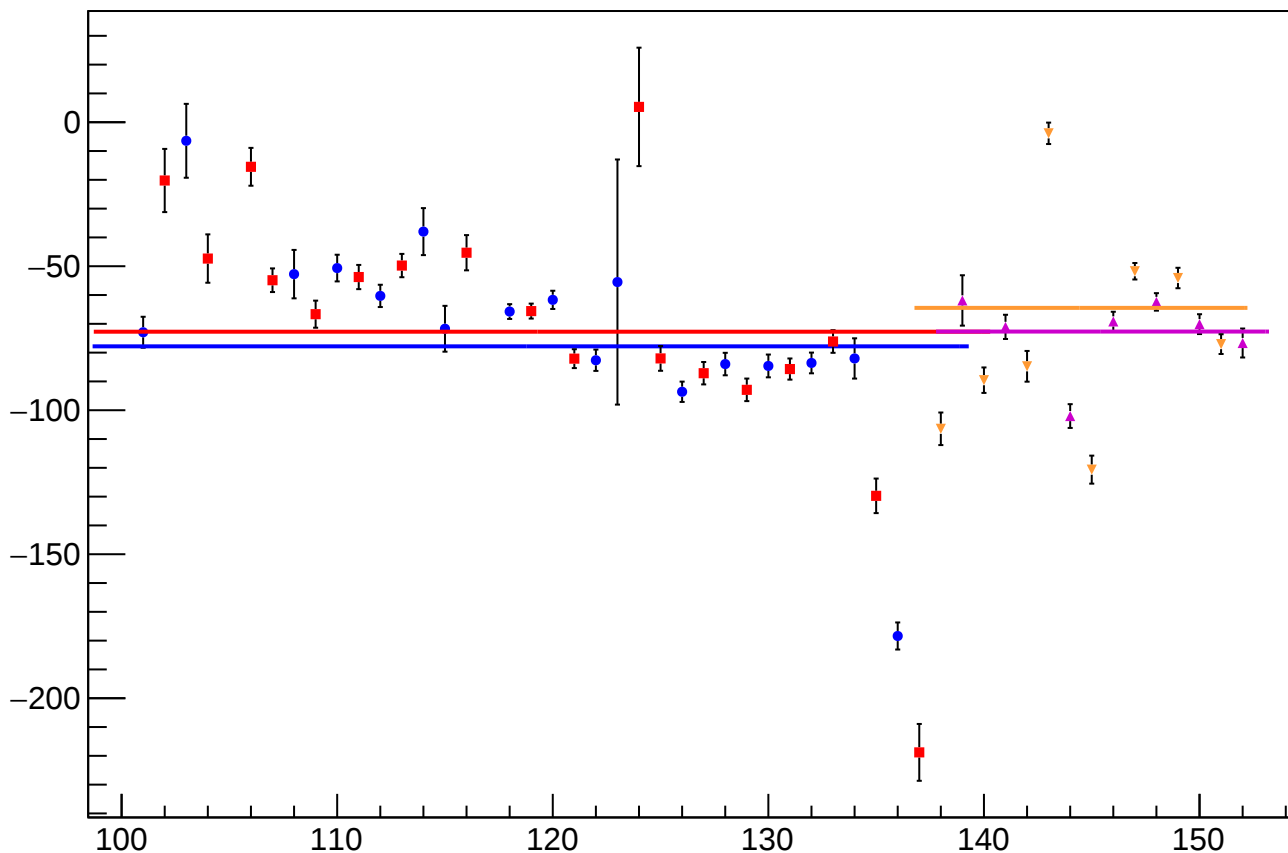
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -202.448 ± 1.264 χ^2/NDF : 771.6/23

Out: -181.739 ± 1.211 χ^2/NDF : 3260.0/25

All: -191.650 ± 0.875 χ^2/NDF : 4171.5/49

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -64.464 ± 1.388 $\chi^2/\text{NDF}: 542.5/7$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -72.686 ± 1.492 $\chi^2/\text{NDF}: 66.0/6$

Left: -68.280 ± 1.016 $\chi^2/\text{NDF}: 624.7/14$

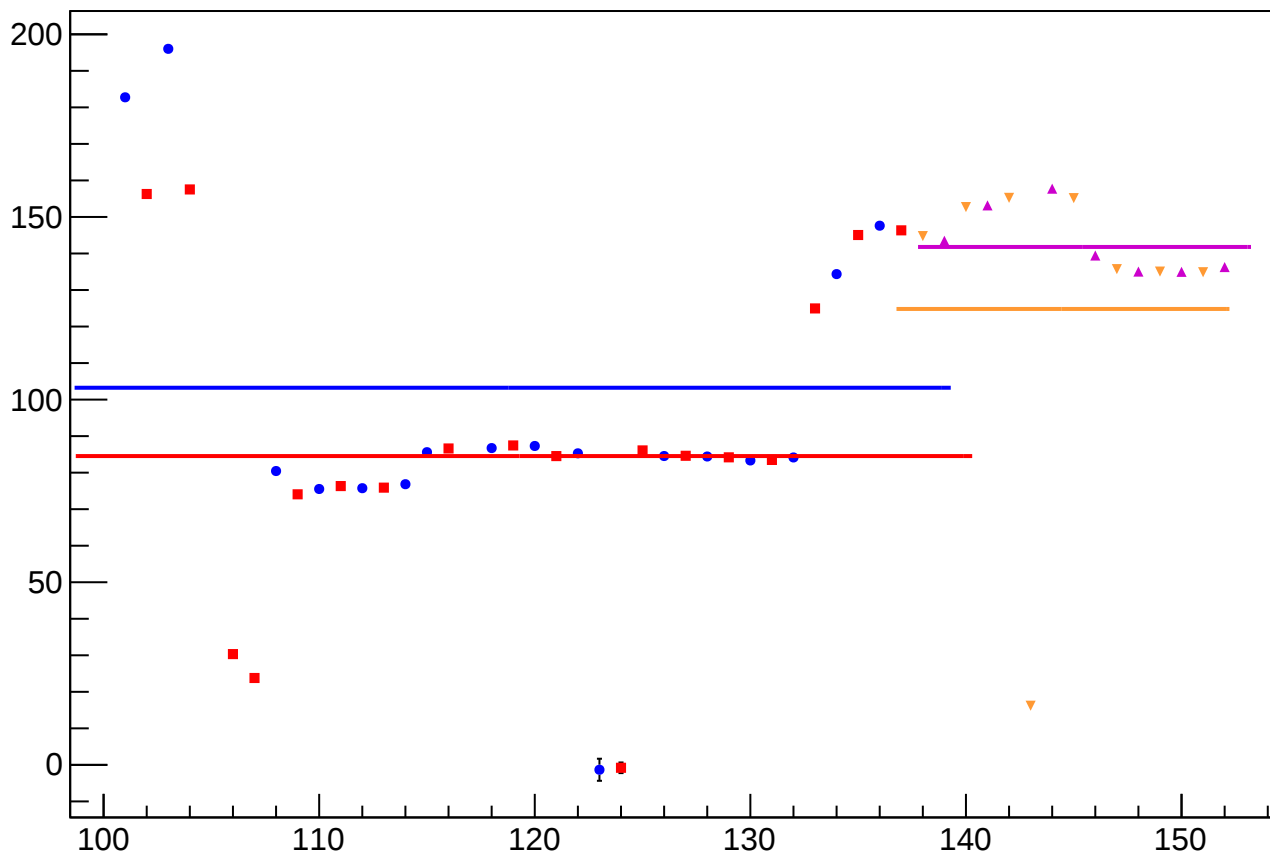
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -76.079 ± 0.868 $\chi^2/\text{NDF}: 730.1/23$

Out: -69.712 ± 0.839 $\chi^2/\text{NDF}: 1164.0/25$

All: -72.787 ± 0.603 $\chi^2/\text{NDF}: 1921.9/49$

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: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 141.789 $\pm$ 0.075 χ^2 /NDF: 11599.5/6

Left: 133.116 $\pm$ 0.052 χ^2 /NDF: 423178.3/14

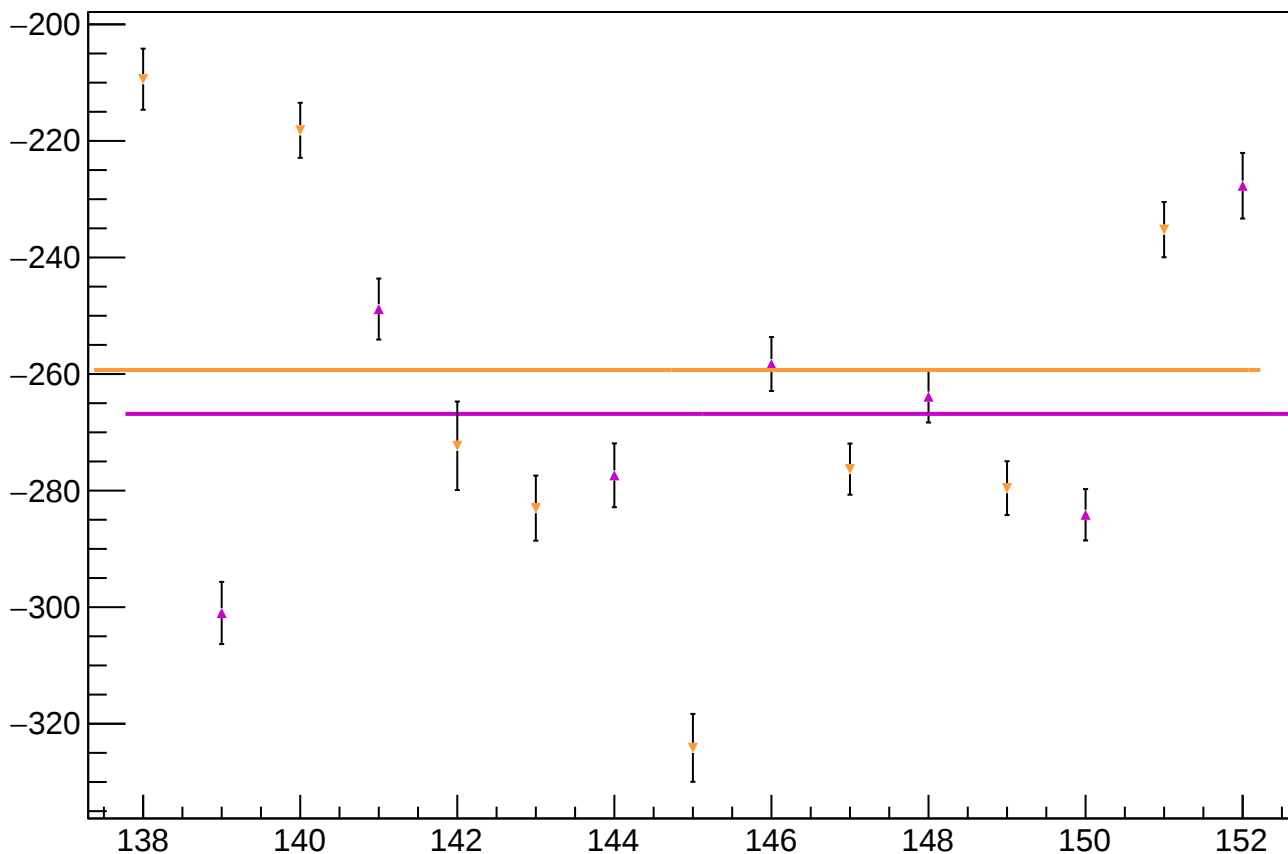
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 121.381 $\pm$ 0.051 χ^2 /NDF: 425771.2/23

Out: 101.983 $\pm$ 0.048 χ^2 /NDF: 968572.6/25

All: 111.068 $\pm$ 0.035 χ^2 /NDF: 1470440.8/49

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.305+/-1.816 χ^2/NDF :371.4/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.838+/-1.871 χ^2/NDF :124.2/6

Left: -262.957+/-1.303 χ^2/NDF : 503.9/14

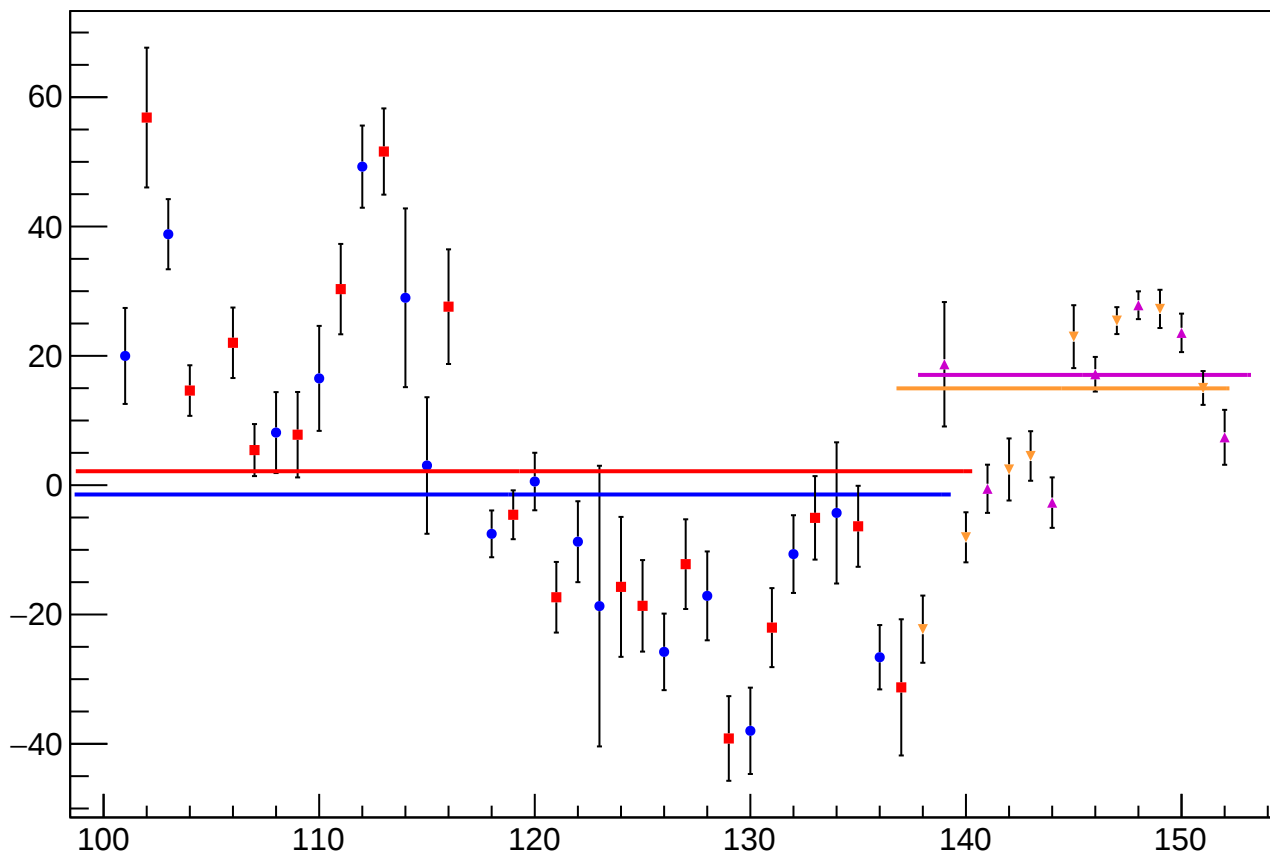
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.838+/-1.871 χ^2/NDF :124.2/6

Out: -259.305+/-1.816 χ^2/NDF :371.4/7

All: -262.957+/-1.303 χ^2/NDF : 503.9/14

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 14.971 ± 1.155 χ^2/NDF : 146.4/7

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 17.051 ± 1.219 χ^2/NDF : 83.0/6

Left: 15.955 ± 0.839 χ^2/NDF : 230.9/14

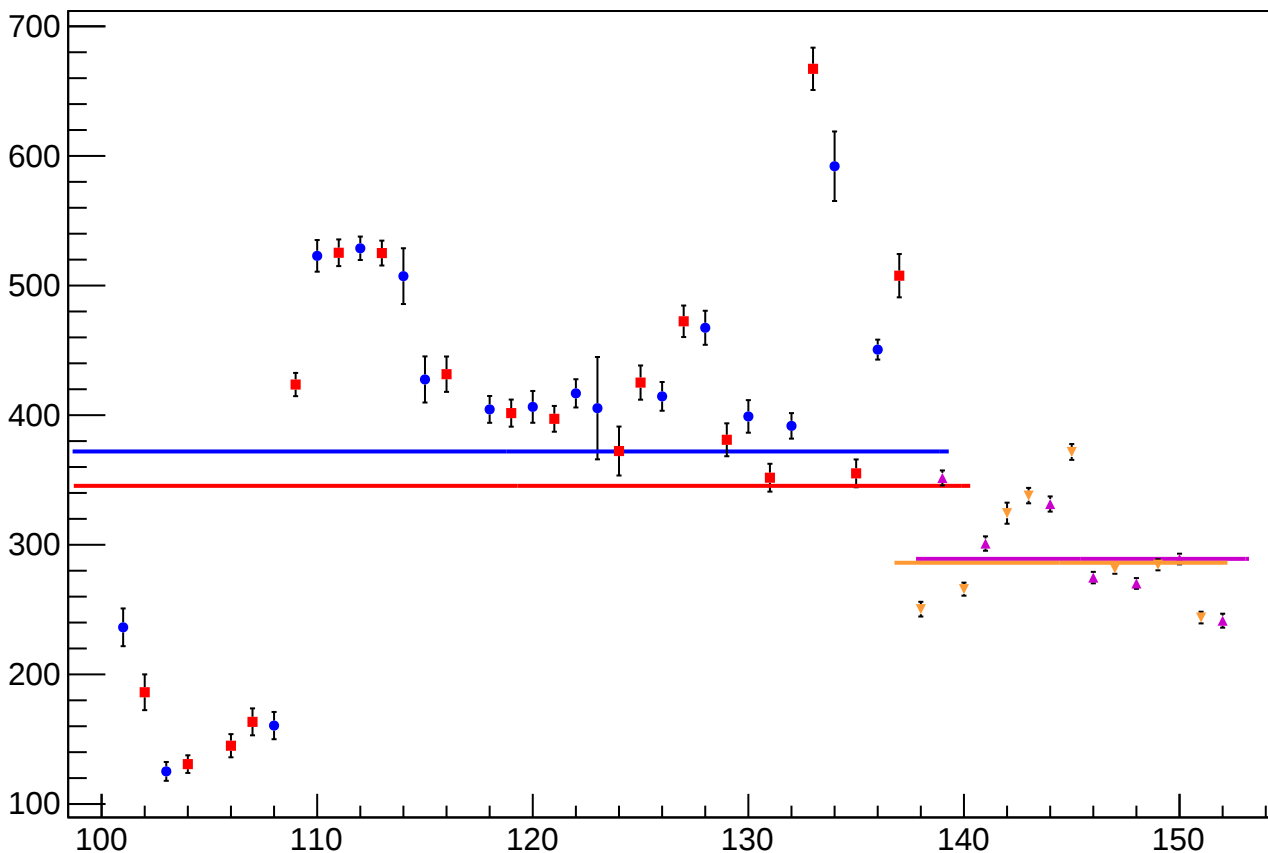
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 9.789 ± 0.950 χ^2/NDF : 397.8/23

Out: 9.784 ± 0.891 χ^2/NDF : 426.3/25

All: 9.786 ± 0.650 χ^2/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: 345.473+/-2.564 χ^2/NDF : 3401.6/17

Left In: 289.137+/-1.845 χ^2/NDF : 283.4/6

Left: 287.616+/-1.295 χ^2/NDF : 723.2/14

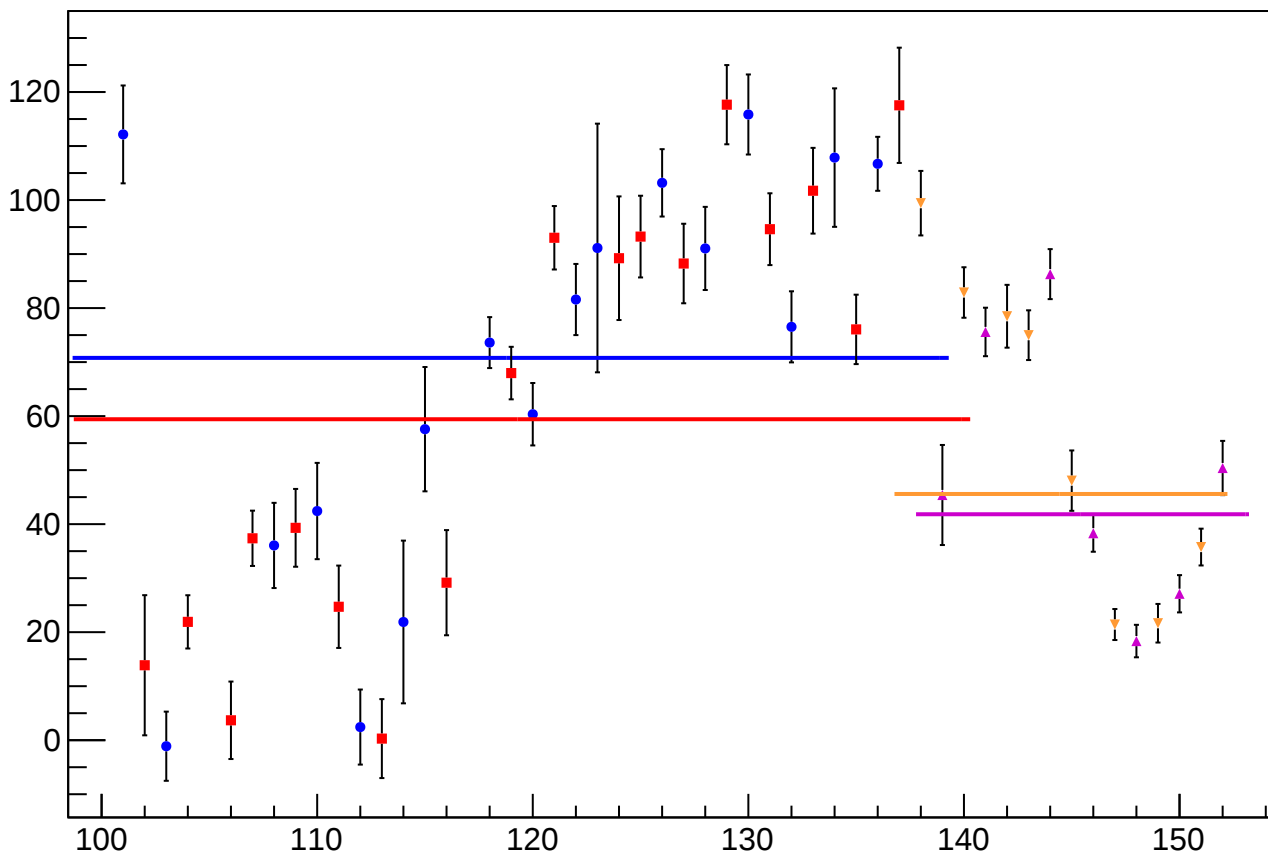
Right: 357.739+/-1.880 χ^2/NDF : 5882.3/34

In: 314.672+/-1.535 χ^2/NDF : 3336.0/23

Out: 305.981+/-1.483 χ^2/NDF : 4196.5/25

All: 310.177+/-1.066 χ^2/NDF : 7549.1/49

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: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 41.831 $\pm$ 1.530 χ^2 /NDF:232.0/6

Left: 43.795 $\pm$ 1.057 χ^2 /NDF: 577.2/14

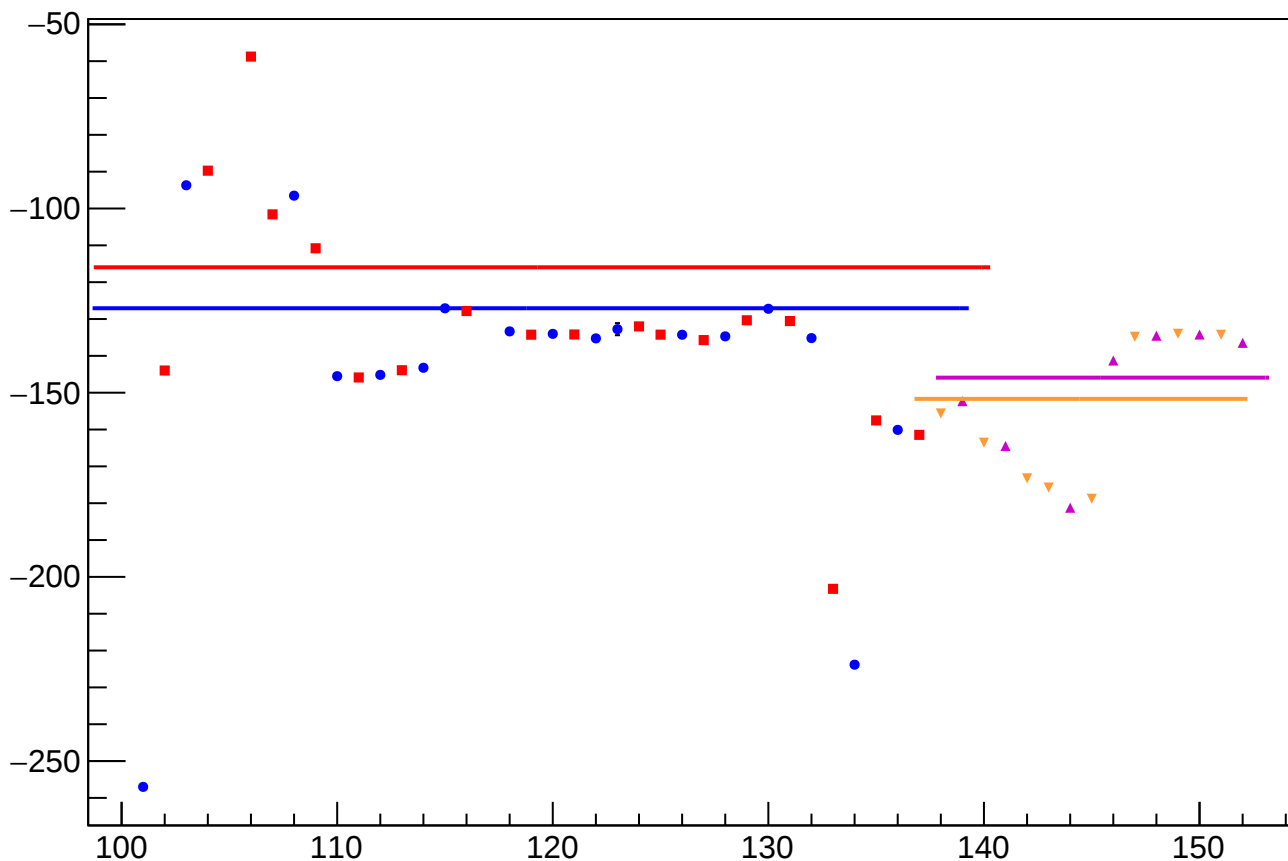
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 54.401 $\pm$ 1.151 χ^2 /NDF:811.4/23

Out: 51.740 $\pm$ 1.089 χ^2 /NDF:868.5/25

All: 52.997 $\pm$ 0.791 χ^2 /NDF: 1682.7/49

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -151.675 ± 0.078 $\chi^2/\text{NDF}: 54653.1/7$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -145.918 ± 0.077 $\chi^2/\text{NDF}: 37748.3/6$

Left: -148.770 ± 0.055 $\chi^2/\text{NDF}: 95168.3/14$

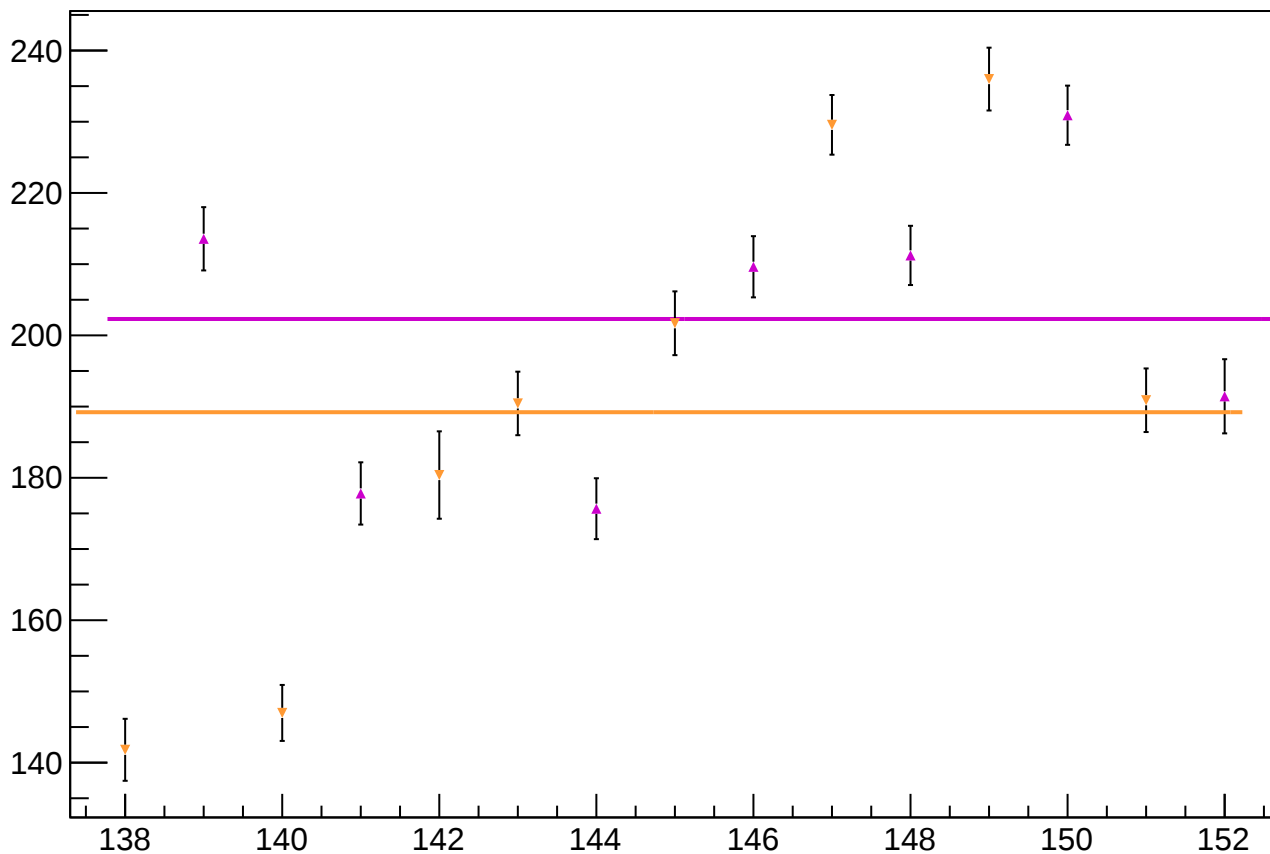
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -137.902 ± 0.058 $\chi^2/\text{NDF}: 230227.7/23$

Out: -134.989 ± 0.057 $\chi^2/\text{NDF}: 312258.6/25$

All: -136.404 ± 0.041 $\chi^2/\text{NDF}: 543766.2/49$

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: 202.300+/-1.657 χ^2/NDF :135.9/6

Left: 195.428+/-1.142 χ^2/NDF : 618.0/14

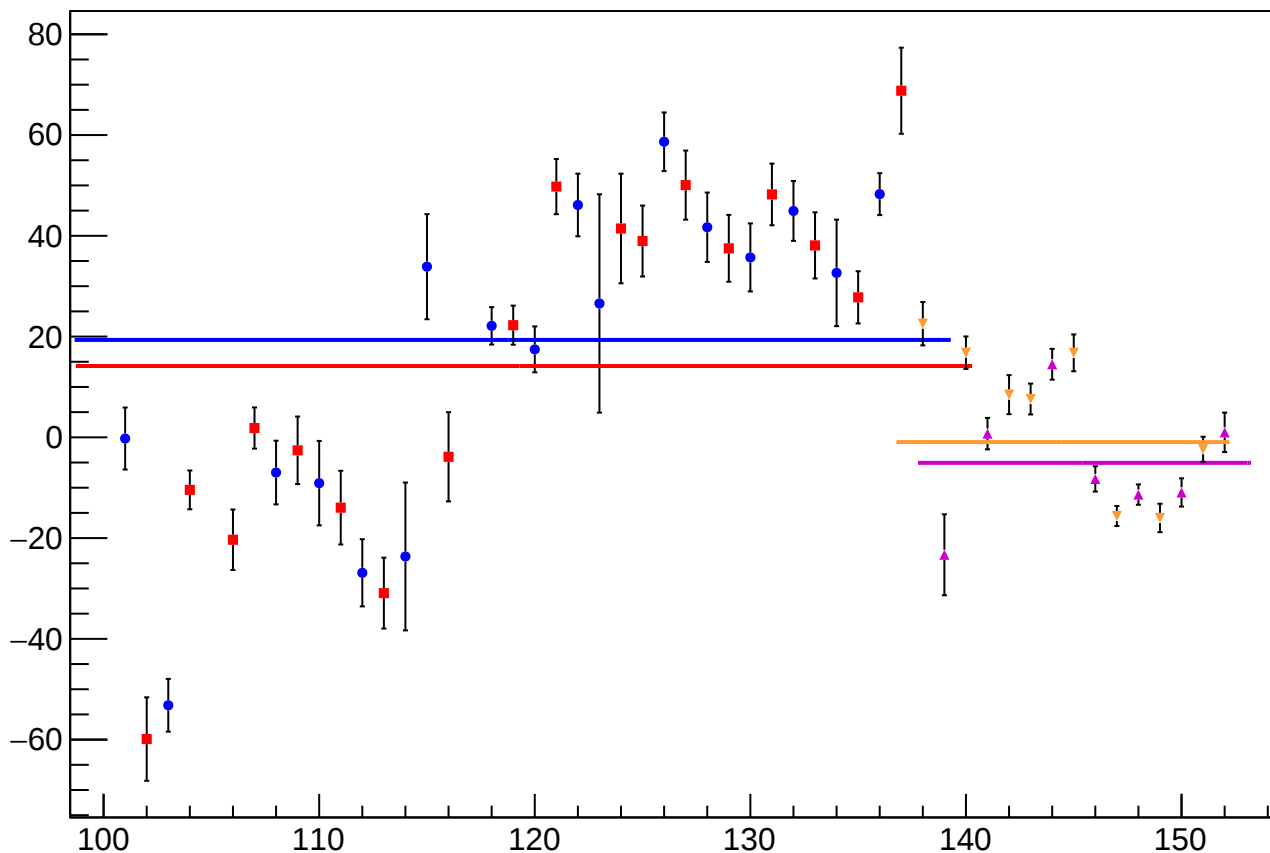
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.300+/-1.657 χ^2/NDF :135.9/6

Out: 189.211+/-1.576 χ^2/NDF :449.4/7

All: 195.428+/-1.142 χ^2/NDF : 618.0/14

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.945 ± 1.031 $\chi^2/\text{NDF}: 180.7/7$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -5.065 ± 1.102 $\chi^2/\text{NDF}: 67.8/6$

Left: -2.868 ± 0.753 $\chi^2/\text{NDF}: 255.9/14$

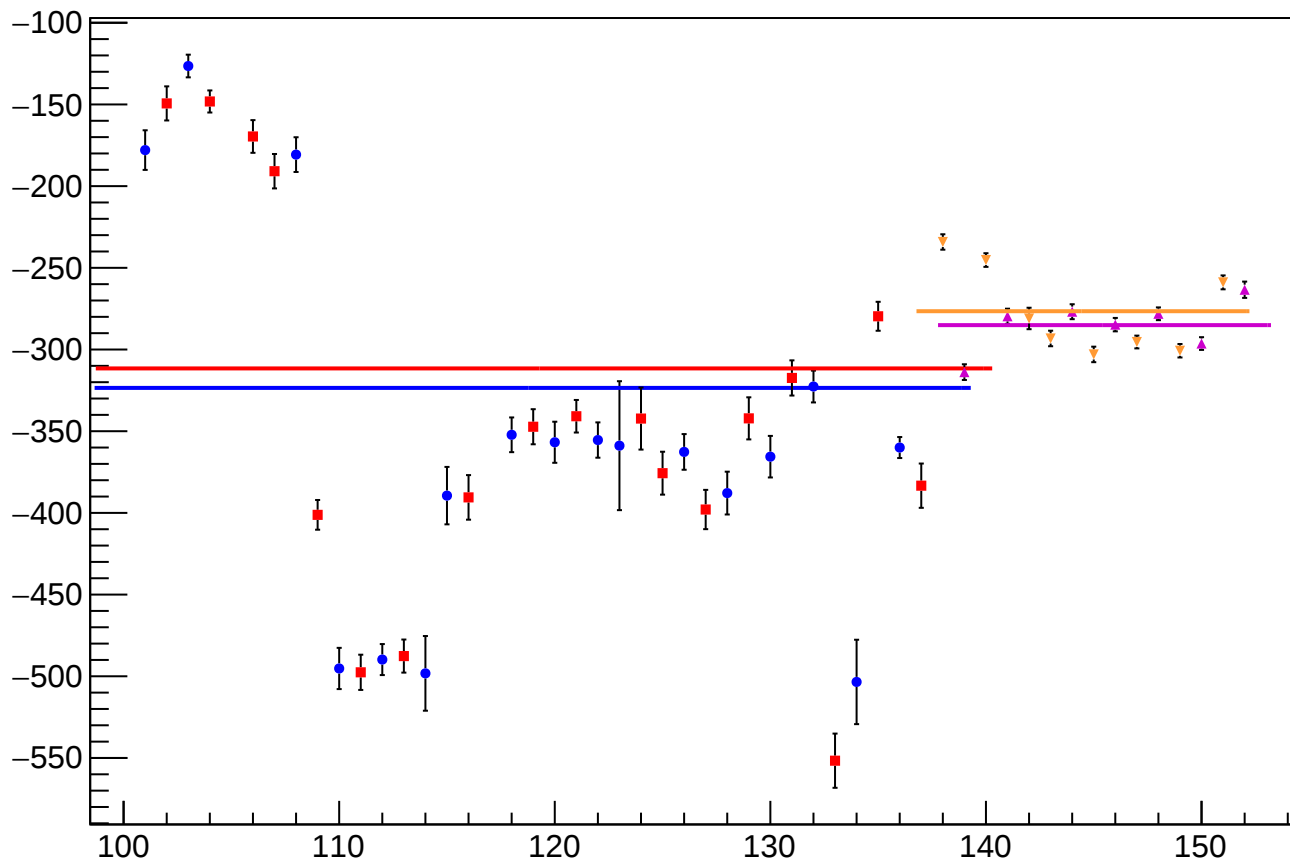
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 3.624 ± 0.885 $\chi^2/\text{NDF}: 682.2/23$

Out: 4.412 ± 0.828 $\chi^2/\text{NDF}: 682.8/25$

All: 4.044 ± 0.605 $\chi^2/\text{NDF}: 1365.4/49$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 $\pm$ 2.673 χ^2 /NDF: 1847.6/16

Left Out: -276.554 $\pm$ 1.595 χ^2 /NDF:255.3/7

Right Out: -311.573 $\pm$ 2.527 χ^2 /NDF: 2243.8/17

Left In: -285.073 $\pm$ 1.647 χ^2 /NDF:70.8/6

Left: -280.678 $\pm$ 1.146 χ^2 /NDF: 340.0/14

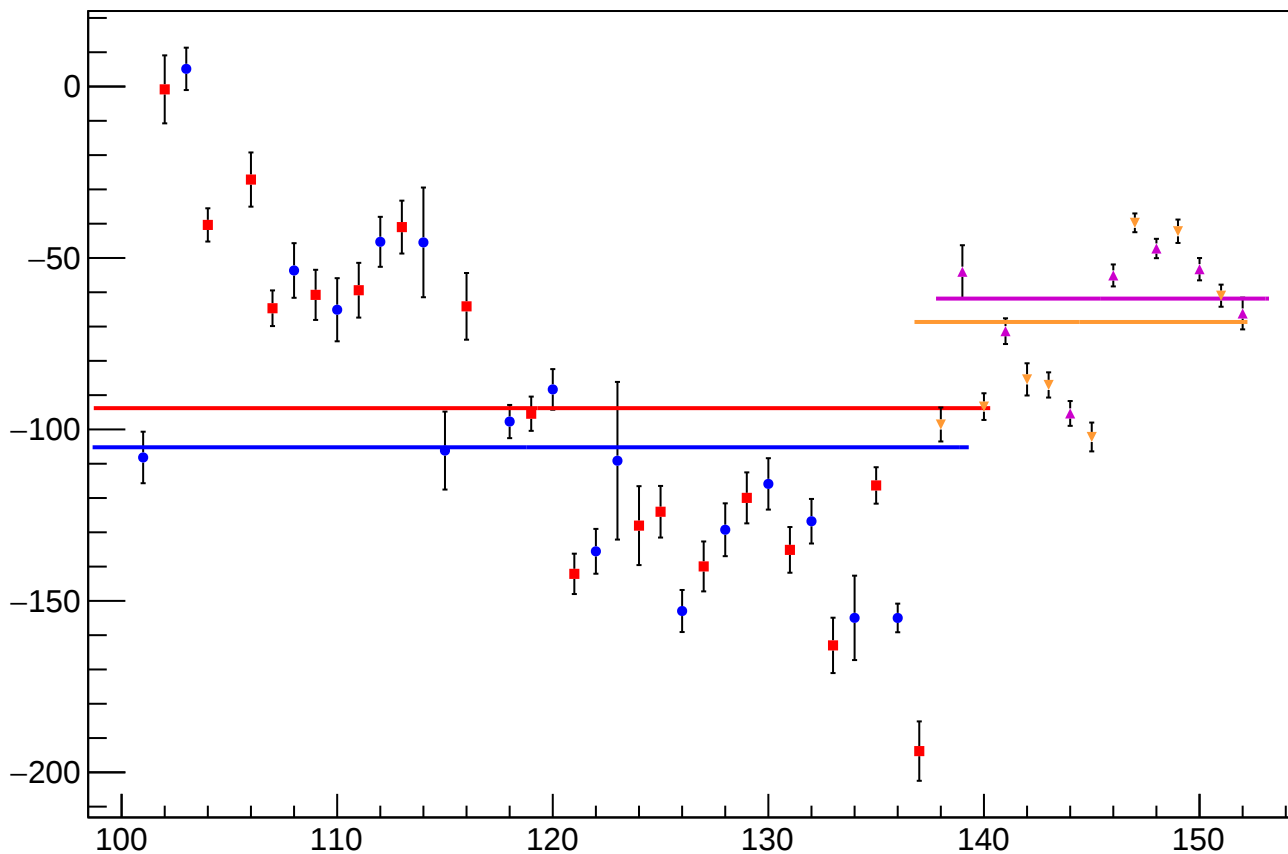
Right: -317.199 $\pm$ 1.836 χ^2 /NDF: 4101.9/34

In: -295.645 $\pm$ 1.402 χ^2 /NDF:2068.1/23

Out: -286.531 $\pm$ 1.349 χ^2 /NDF:2636.5/25

All: -290.911 $\pm$ 0.972 χ^2 /NDF: 4726.6/49

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: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -61.844 ± 1.376 χ^2/NDF : 132.1/6

Left: -65.464 ± 0.942 χ^2/NDF : 500.4/14

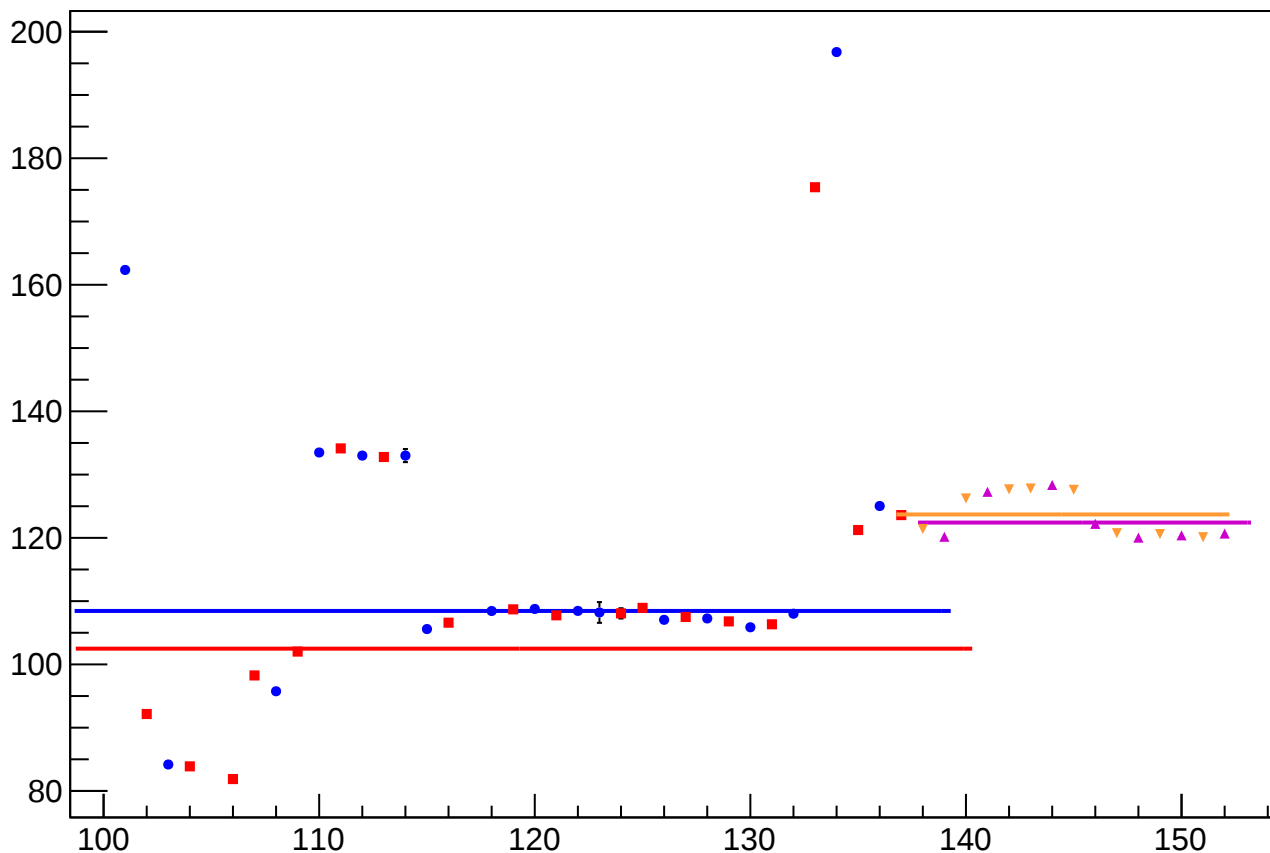
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -79.047 ± 1.069 χ^2/NDF : 1261.7/23

Out: -78.506 ± 1.008 χ^2/NDF : 1318.7/25

All: -78.761 ± 0.733 χ^2/NDF : 2580.5/49

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448+/-0.085 χ^2/NDF : 73265.3/16

Left Out: 123.701+/-0.068 χ^2/NDF : 2397.8/7

Right Out: 102.490+/-0.080 χ^2/NDF : 52909.2/17

Left In: 122.419+/-0.068 χ^2/NDF : 2159.3/6

Left: 123.068+/-0.048 χ^2/NDF : 4734.7/14

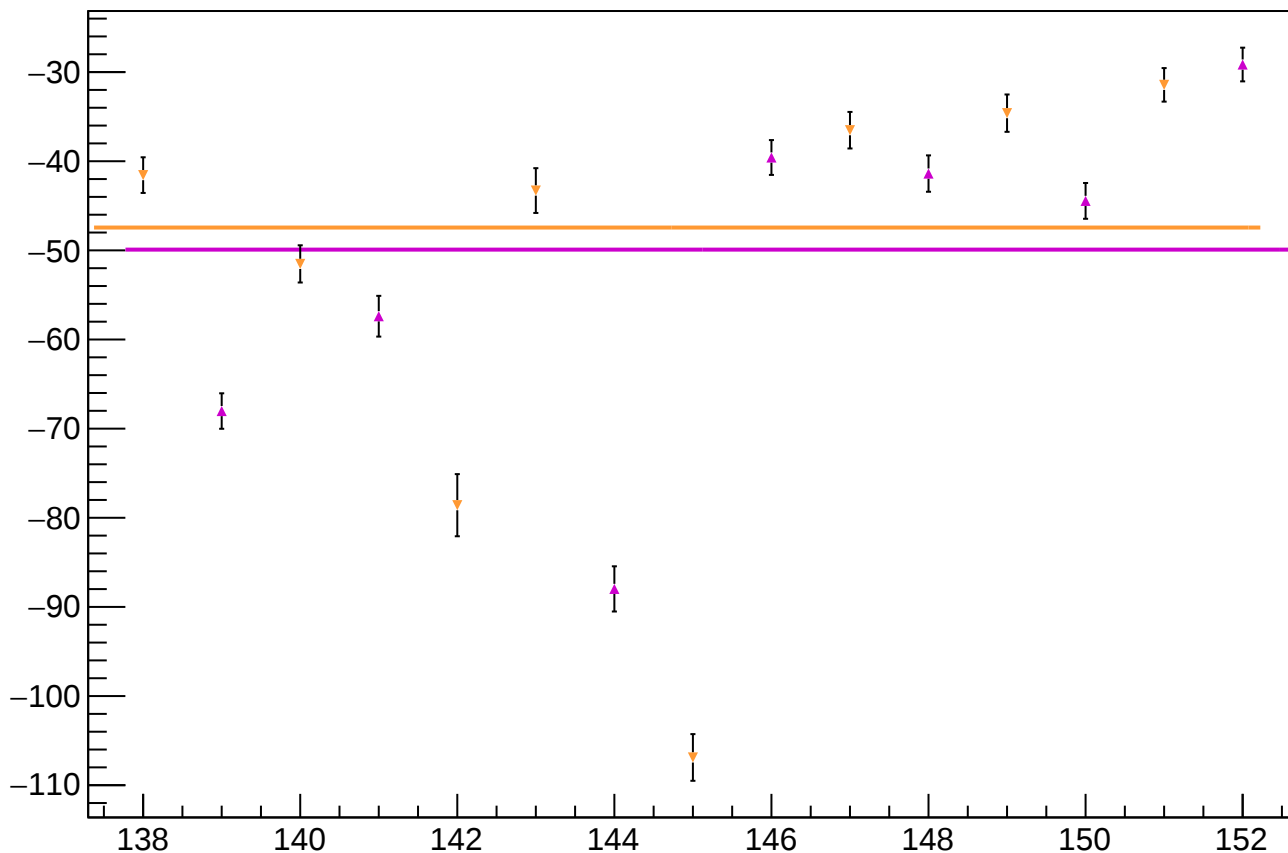
Right: 105.281+/-0.058 χ^2/NDF : 128799.0/34

In: 116.905+/-0.053 χ^2/NDF : 91857.5/23

Out: 114.810+/-0.052 χ^2/NDF : 96547.2/25

All: 115.823+/-0.037 χ^2/NDF : 189203.8/49

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: -49.916+/-0.784 χ^2/NDF :492.3/6

Left: -48.683+/-0.555 χ^2/NDF : 1245.8/14

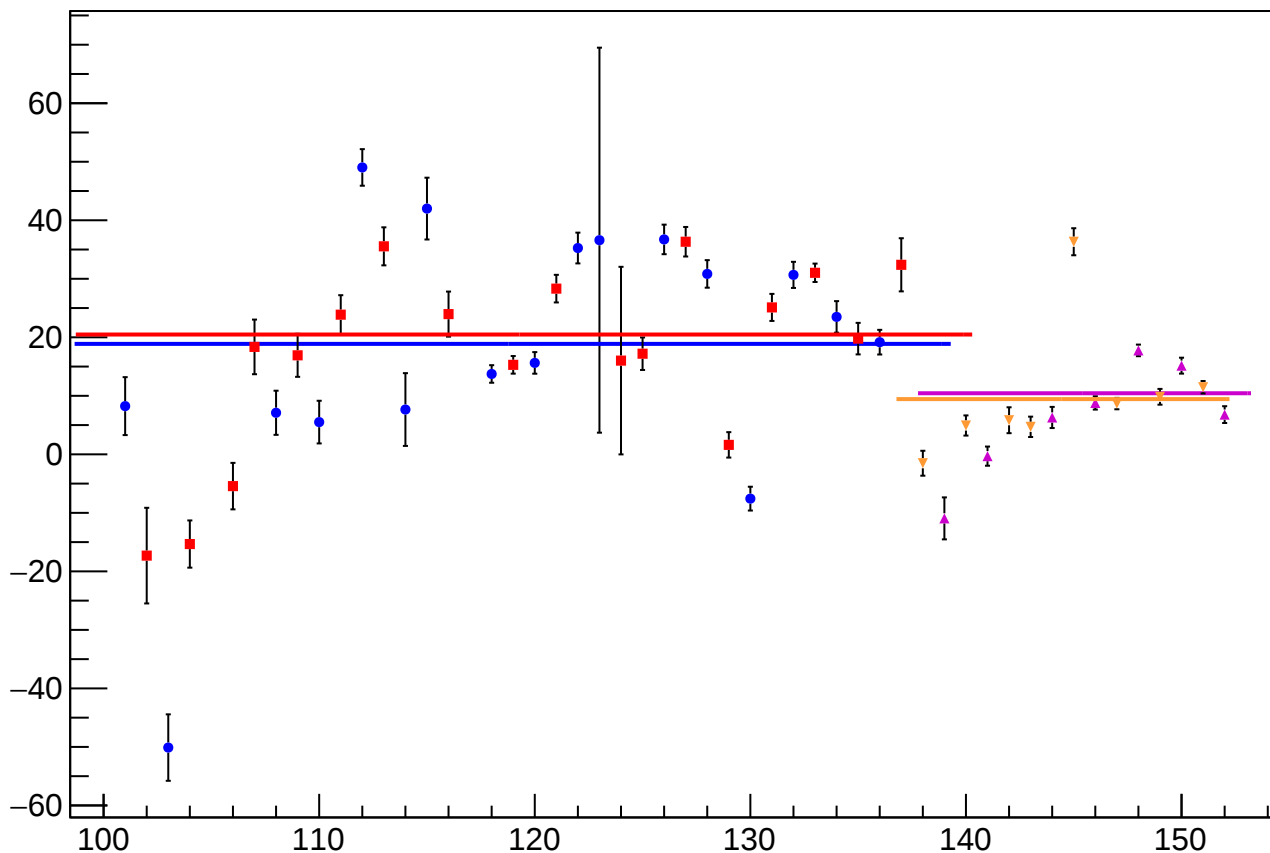
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.916+/-0.784 χ^2/NDF :492.3/6

Out: -47.439+/-0.787 χ^2/NDF :748.5/7

All: -48.683+/-0.555 χ^2/NDF : 1245.8/14

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 9.439 ± 0.515 χ^2/NDF : 183.2/7

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 10.439 ± 0.529 χ^2/NDF : 158.9/6

Left: 9.926 ± 0.369 χ^2/NDF : 343.9/14

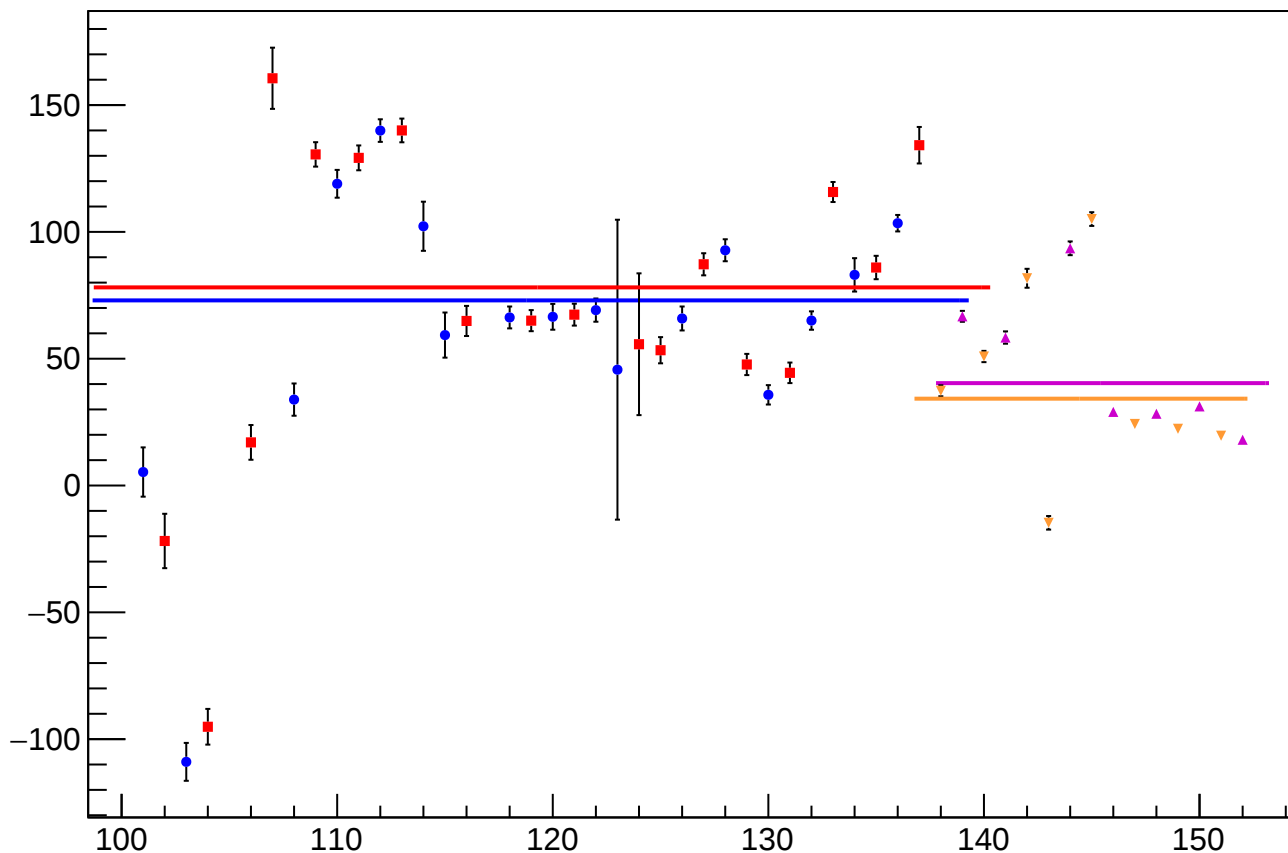
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 13.838 ± 0.409 χ^2/NDF : 881.7/23

Out: 13.750 ± 0.402 χ^2/NDF : 724.8/25

All: 13.793 ± 0.287 χ^2/NDF : 1606.5/49

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: 78.119 $\pm$ 1.224 χ^2/NDF : 1546.8/17

Left In: 40.371 $\pm$ 0.774 χ^2/NDF :840.8/6

Left: 37.366 $\pm$ 0.553 χ^2/NDF : 2240.7/14

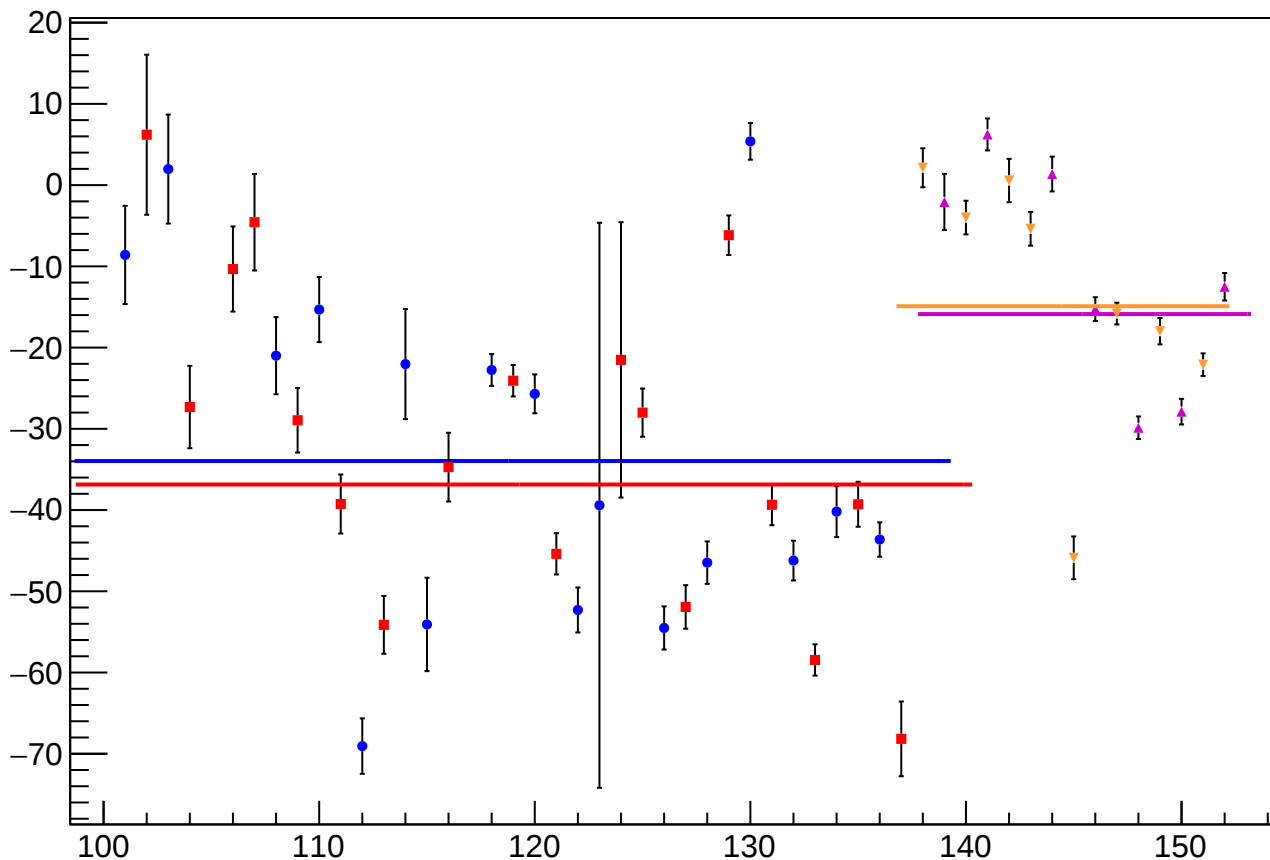
Right: 75.568 $\pm$ 0.868 χ^2/NDF : 2761.0/34

In: 49.629 $\pm$ 0.655 χ^2/NDF :2550.0/23

Out: 47.138 $\pm$ 0.664 χ^2/NDF :3823.5/25

All: 48.399 $\pm$ 0.466 χ^2/NDF : 6380.6/49

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: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -15.874 ± 0.659 χ^2/NDF : 371.1/6

Left: -15.383 ± 0.462 χ^2/NDF : 674.4/14

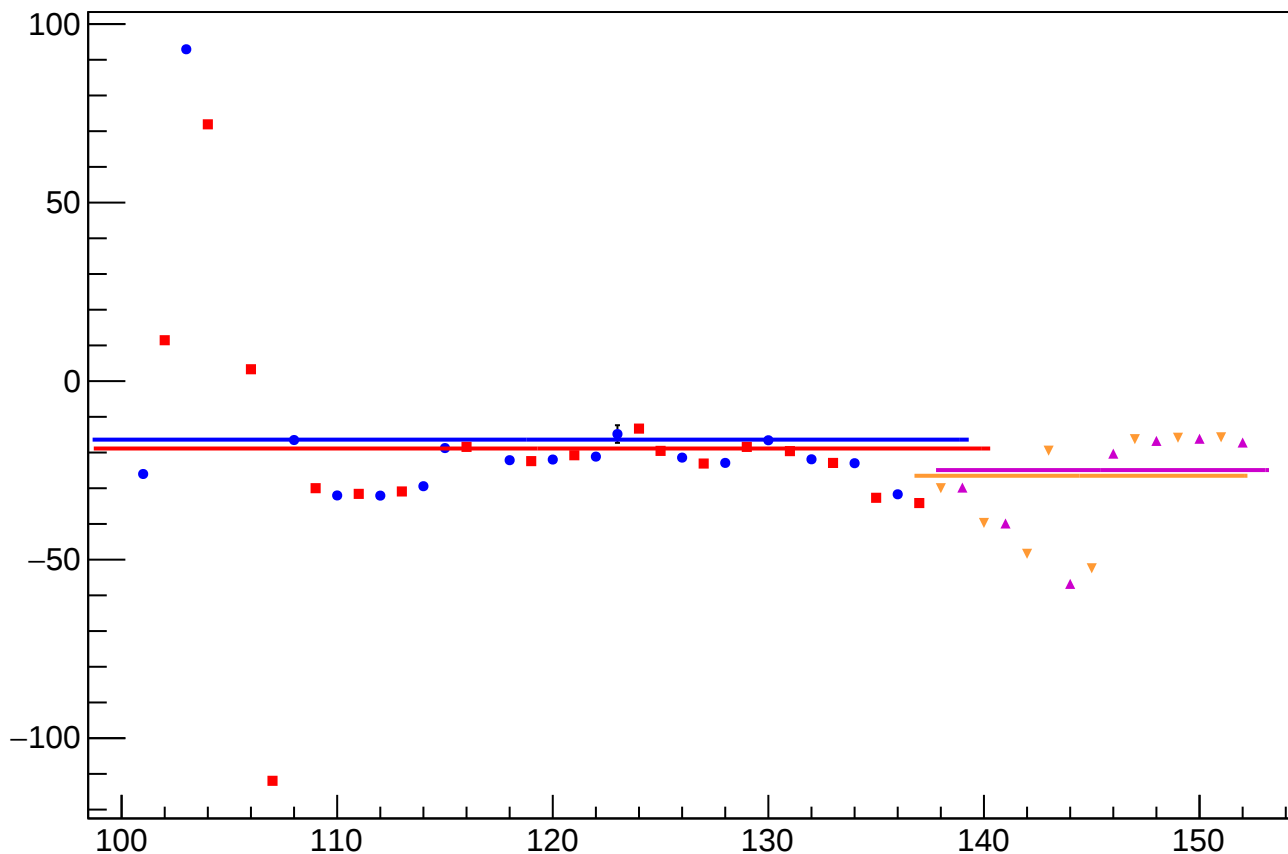
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -23.909 ± 0.492 χ^2/NDF : 1427.4/23

Out: -24.489 ± 0.487 χ^2/NDF : 1337.3/25

All: -24.202 ± 0.346 χ^2/NDF : 2765.5/49

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: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -24.913 ± 0.032 $\chi^2/\text{NDF}: 135305.8/6$

Left: -25.675 ± 0.023 $\chi^2/\text{NDF}: 288813.4/14$

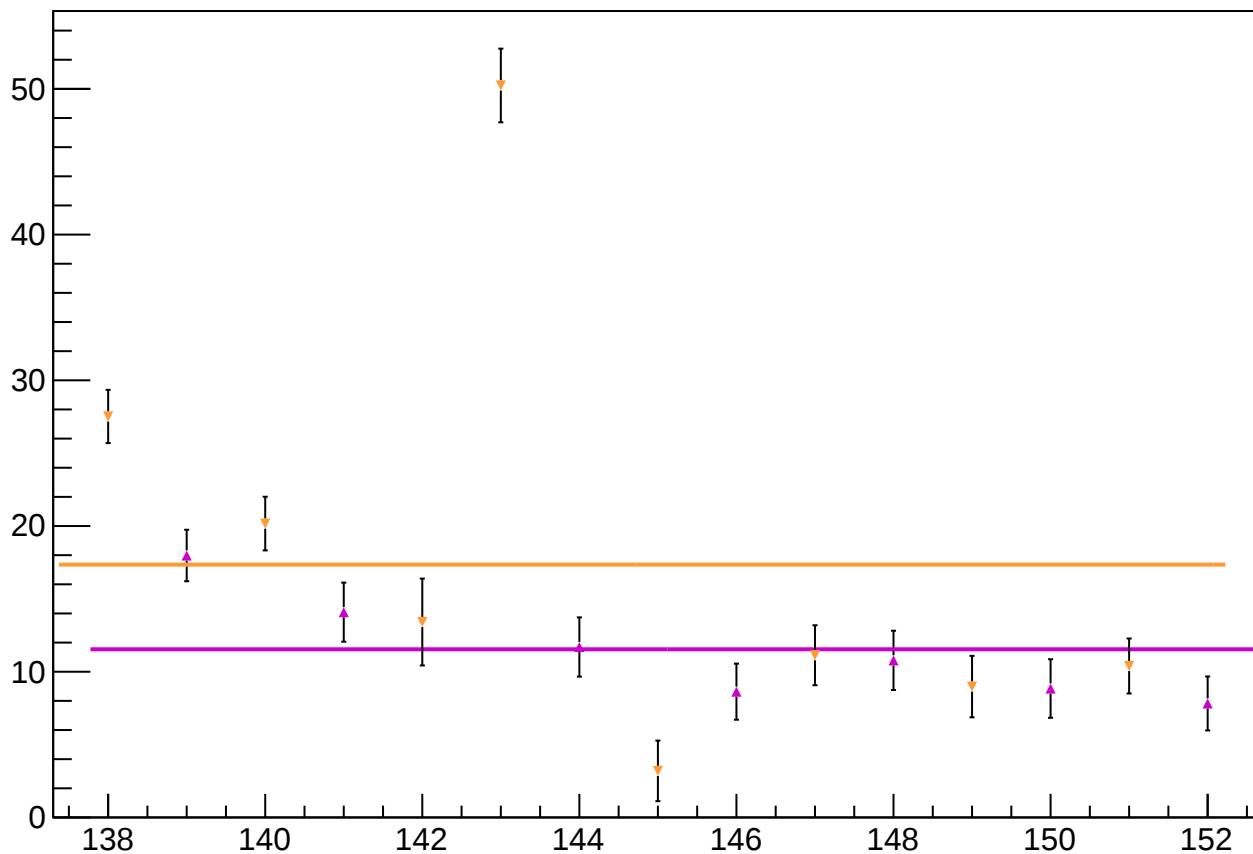
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -22.002 ± 0.026 $\chi^2/\text{NDF}: 633820.5/23$

Out: -23.810 ± 0.027 $\chi^2/\text{NDF}: 604068.8/25$

All: -22.874 ± 0.019 $\chi^2/\text{NDF}: 1240225.4/49$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.351+/-0.738 χ^2/NDF :289.1/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.540+/-0.734 χ^2/NDF :23.1/6

Left: 14.431+/-0.520 χ^2/NDF : 343.4/14

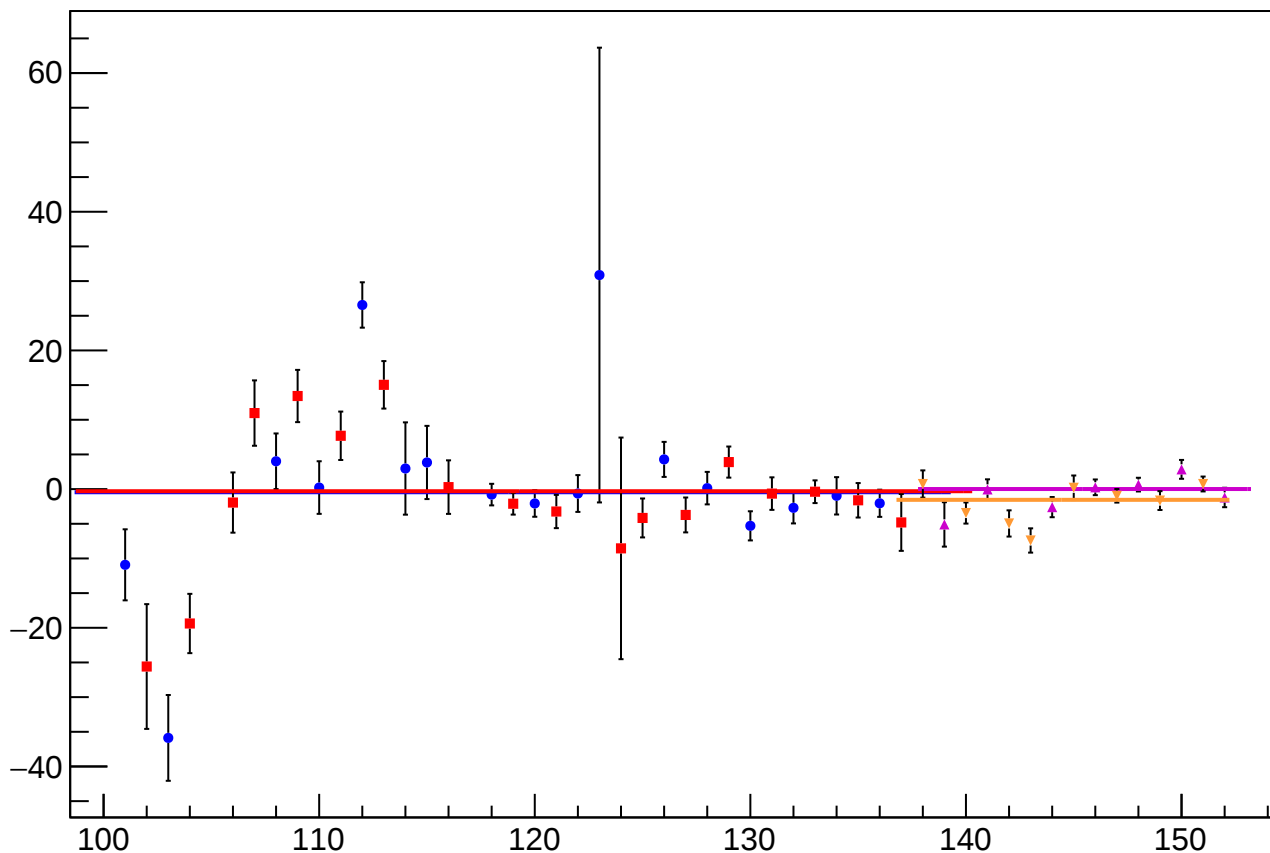
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.540+/-0.734 χ^2/NDF :23.1/6

Out: 17.351+/-0.738 χ^2/NDF :289.1/7

All: 14.431+/-0.520 χ^2/NDF : 343.4/14

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.546 ± 0.495 χ^2/NDF : 23.2/7

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.012 ± 0.507 χ^2/NDF : 11.3/6

Left: -0.785 ± 0.354 χ^2/NDF : 39.4/14

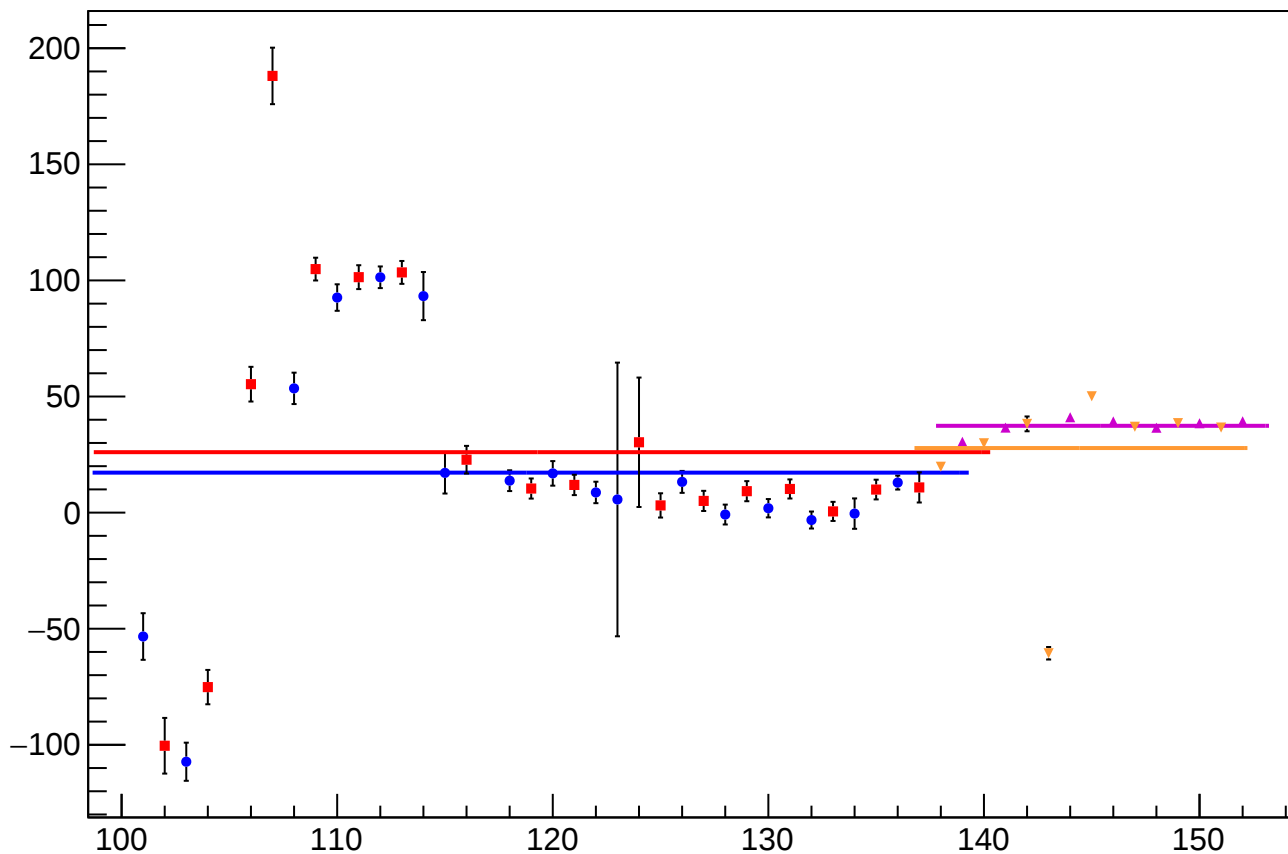
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.162 ± 0.401 χ^2/NDF : 131.2/23

Out: -1.097 ± 0.396 χ^2/NDF : 109.6/25

All: -0.635 ± 0.282 χ^2/NDF : 243.5/49

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2 /NDF: 940.1/16

Left Out: 27.809+/-0.746 χ^2 /NDF:1283.4/7

Right Out: 26.032+/-1.244 χ^2 /NDF: 1366.0/17

Left In: 37.387+/-0.731 χ^2 /NDF:18.7/6

Left: 32.696+/-0.522 χ^2 /NDF: 1386.2/14

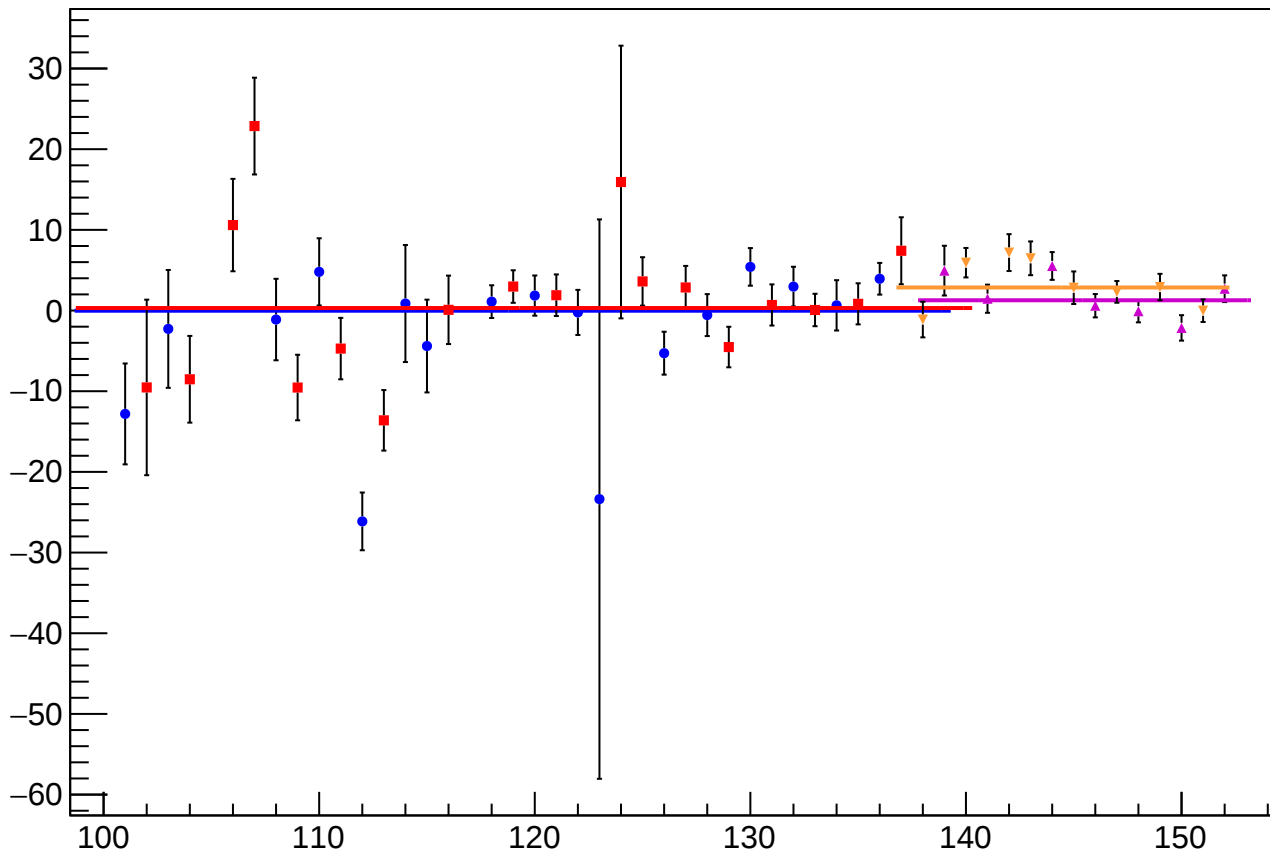
Right: 21.614+/-0.879 χ^2 /NDF: 2331.3/34

In: 32.190+/-0.630 χ^2 /NDF:1155.0/23

Out: 27.339+/-0.640 χ^2 /NDF:2650.9/25

All: 29.802+/-0.449 χ^2 /NDF: 3835.0/49

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: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.272 ± 0.628 χ^2/NDF : 14.2/6

Left: 2.076 ± 0.441 χ^2/NDF : 34.5/14

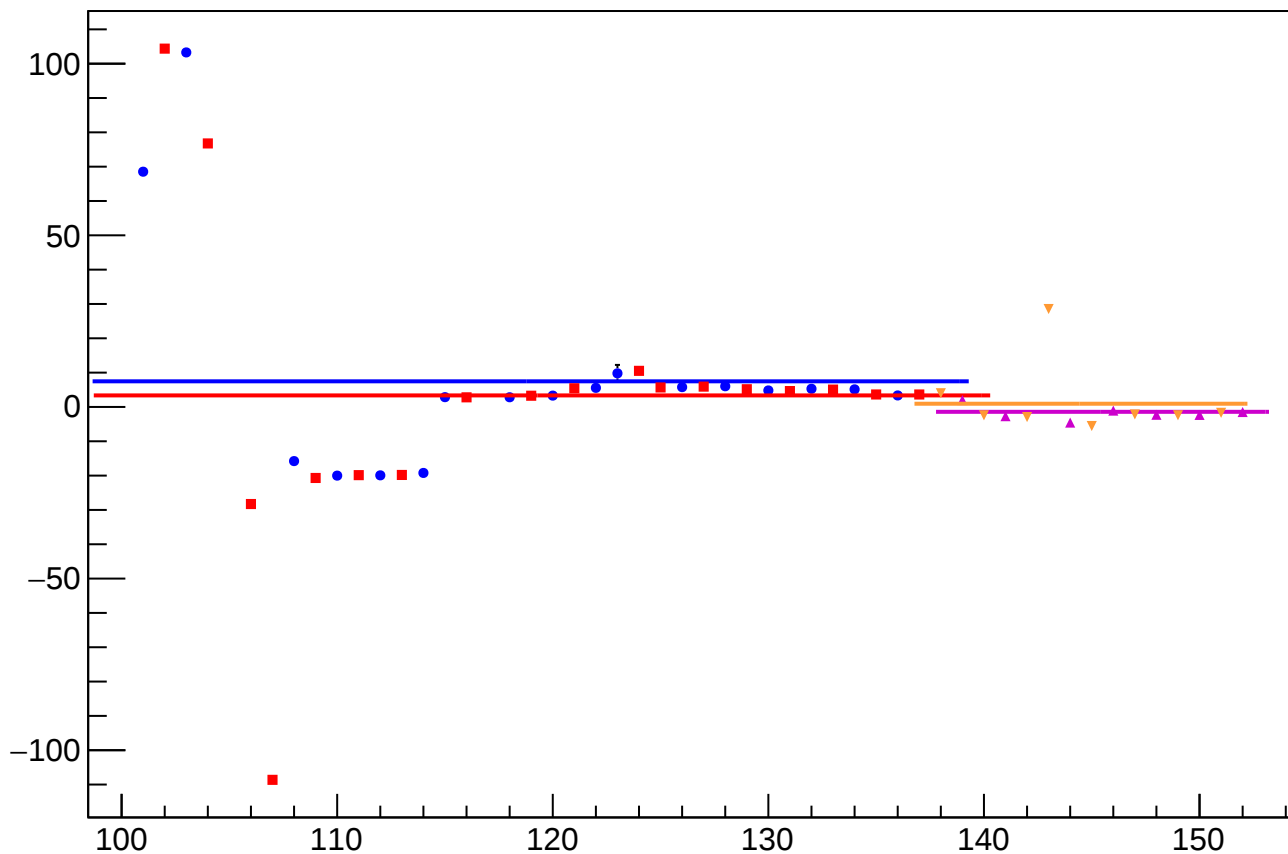
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.735 ± 0.480 χ^2/NDF : 91.8/23

Out: 1.824 ± 0.477 χ^2/NDF : 78.0/25

All: 1.283 ± 0.338 χ^2/NDF : 172.4/49

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.939 $\pm$ 0.031 χ^2 /NDF: 78646.8/7

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.419 $\pm$ 0.030 χ^2 /NDF: 4132.6/6

Left: -0.289 $\pm$ 0.022 χ^2 /NDF: 85716.2/14

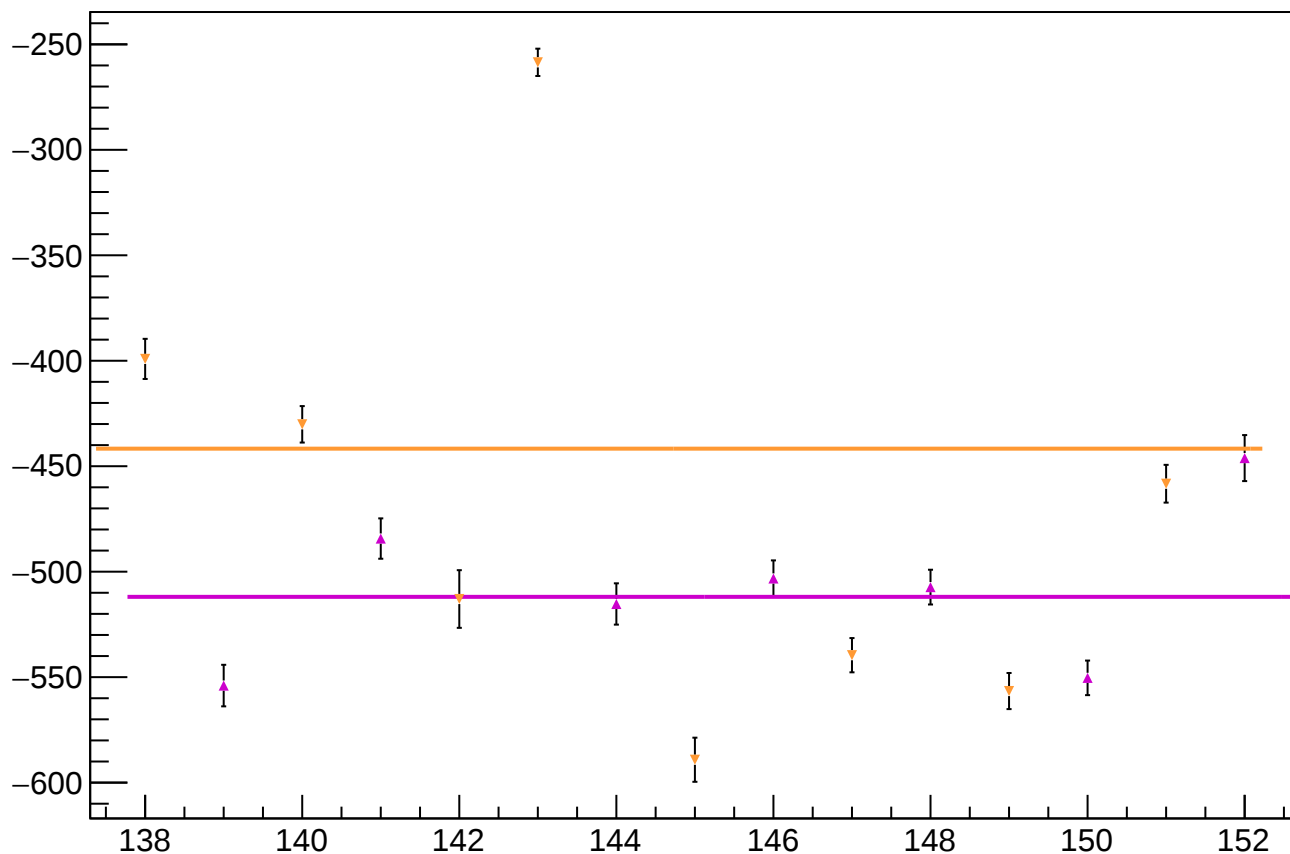
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 1.375 $\pm$ 0.025 χ^2 /NDF: 387394.1/23

Out: 1.718 $\pm$ 0.026 χ^2 /NDF: 585373.1/25

All: 1.541 $\pm$ 0.018 χ^2 /NDF: 972858.4/49

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: -511.928+/-3.465 χ^2/NDF :86.4/6

Left: -472.906+/-2.310 χ^2/NDF : 1691.2/14

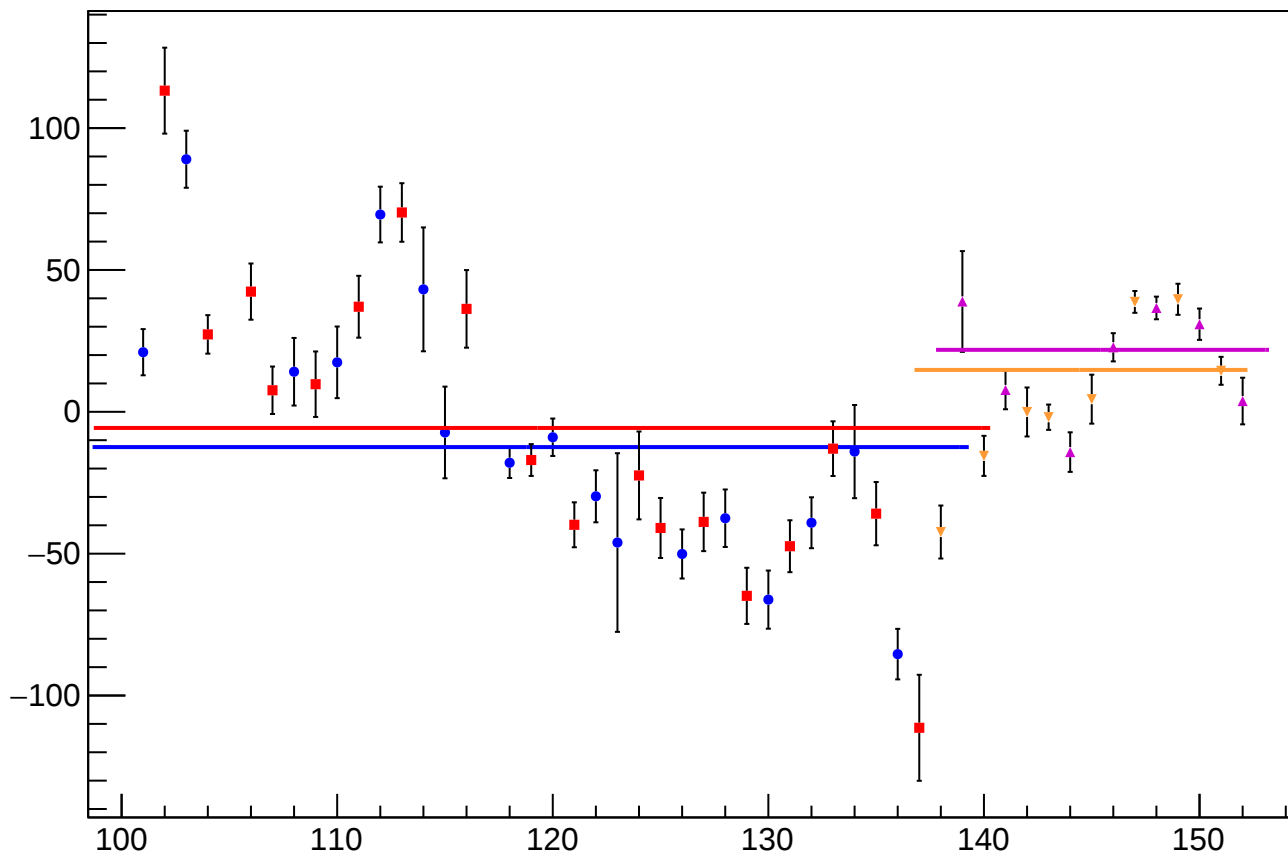
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.928+/-3.465 χ^2/NDF :86.4/6

Out: -441.675+/-3.100 χ^2/NDF :1376.5/7

All: -472.906+/-2.310 χ^2/NDF : 1691.2/14

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 14.769 ± 1.997 χ^2/NDF : 133.7/7

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 21.849 ± 2.259 χ^2/NDF : 53.1/6

Left: 17.876 ± 1.496 χ^2/NDF : 192.3/14

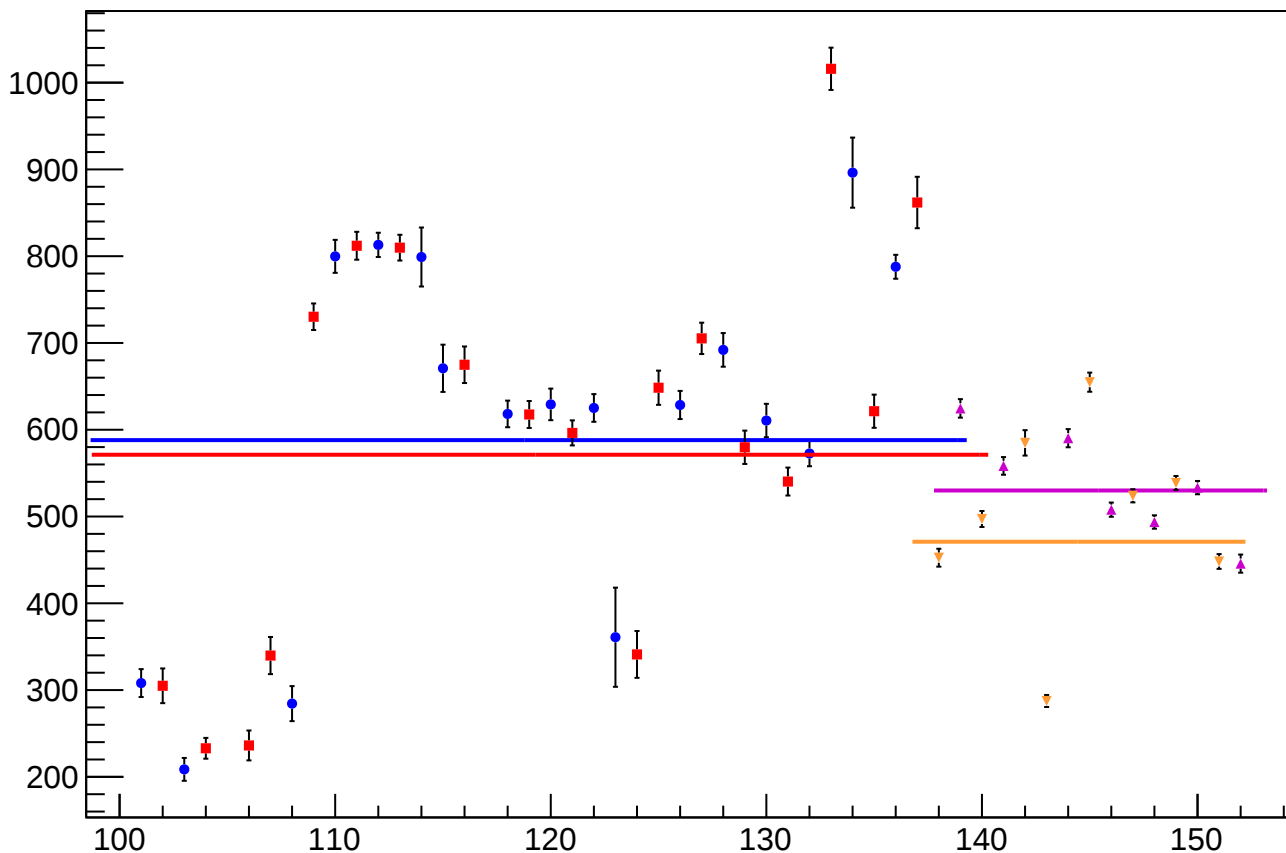
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 5.133 ± 1.617 χ^2/NDF : 505.7/23

Out: 5.814 ± 1.497 χ^2/NDF : 513.3/25

All: 5.500 ± 1.098 χ^2/NDF : 1019.1/49

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: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 529.998 $\pm$ 3.421 χ^2 /NDF:214.2/6

Left: 497.886 $\pm$ 2.311 χ^2 /NDF: 1559.8/14

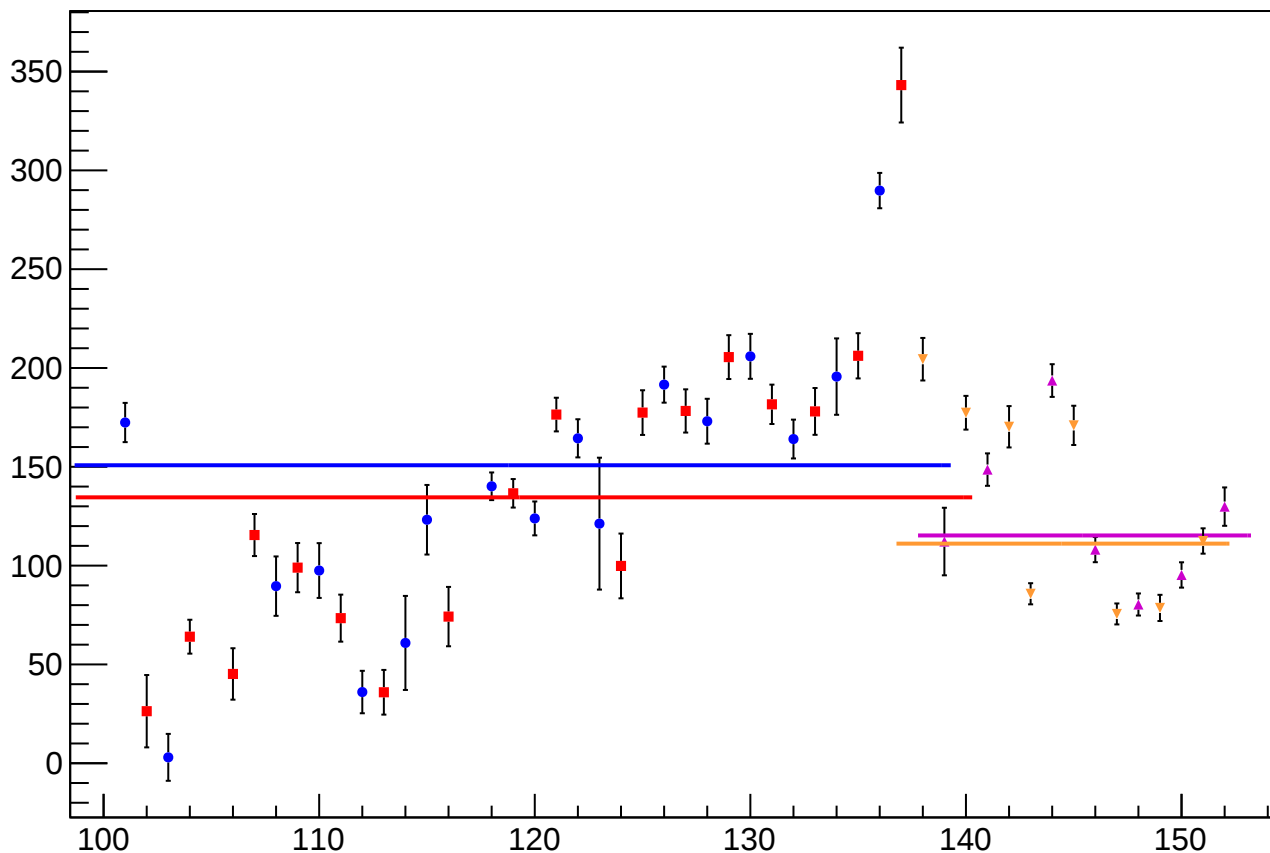
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 552.311 $\pm$ 2.684 χ^2 /NDF:2452.6/23

Out: 507.342 $\pm$ 2.501 χ^2 /NDF:4235.5/25

All: 528.239 $\pm$ 1.830 χ^2 /NDF: 6838.3/49

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: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 115.263 $\pm$ 2.834 χ^2 /NDF:158.7/6

Left: 112.942 $\pm$ 1.877 χ^2 /NDF: 455.1/14

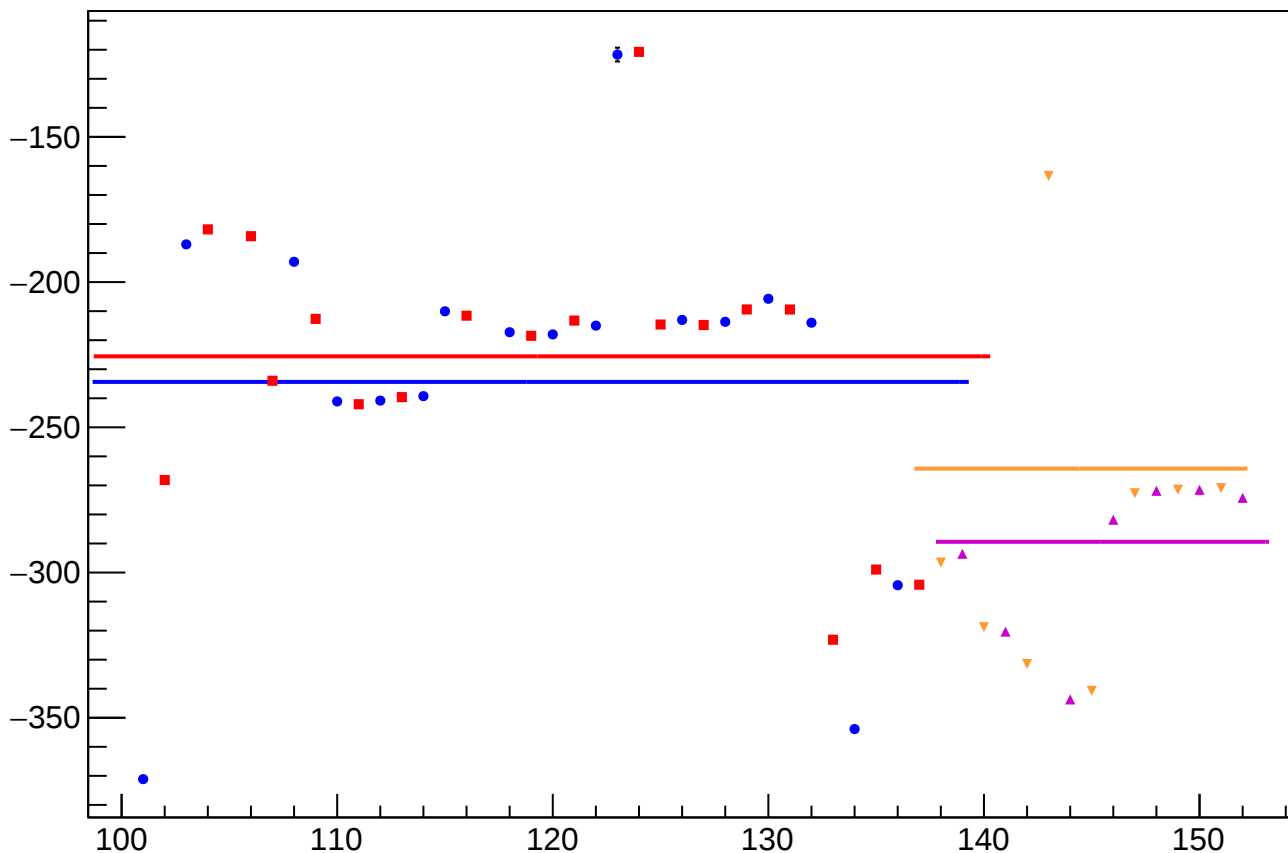
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 134.017 $\pm$ 1.947 χ^2 /NDF:874.7/23

Out: 122.320 $\pm$ 1.811 χ^2 /NDF:913.2/25

All: 127.745 $\pm$ 1.326 χ^2 /NDF: 1807.3/49

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -264.230+/-0.133 χ^2/NDF : 201216.7/7

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -289.418+/-0.143 χ^2/NDF : 27350.5/6

Left: -275.911+/-0.097 χ^2/NDF : 245231.5/14

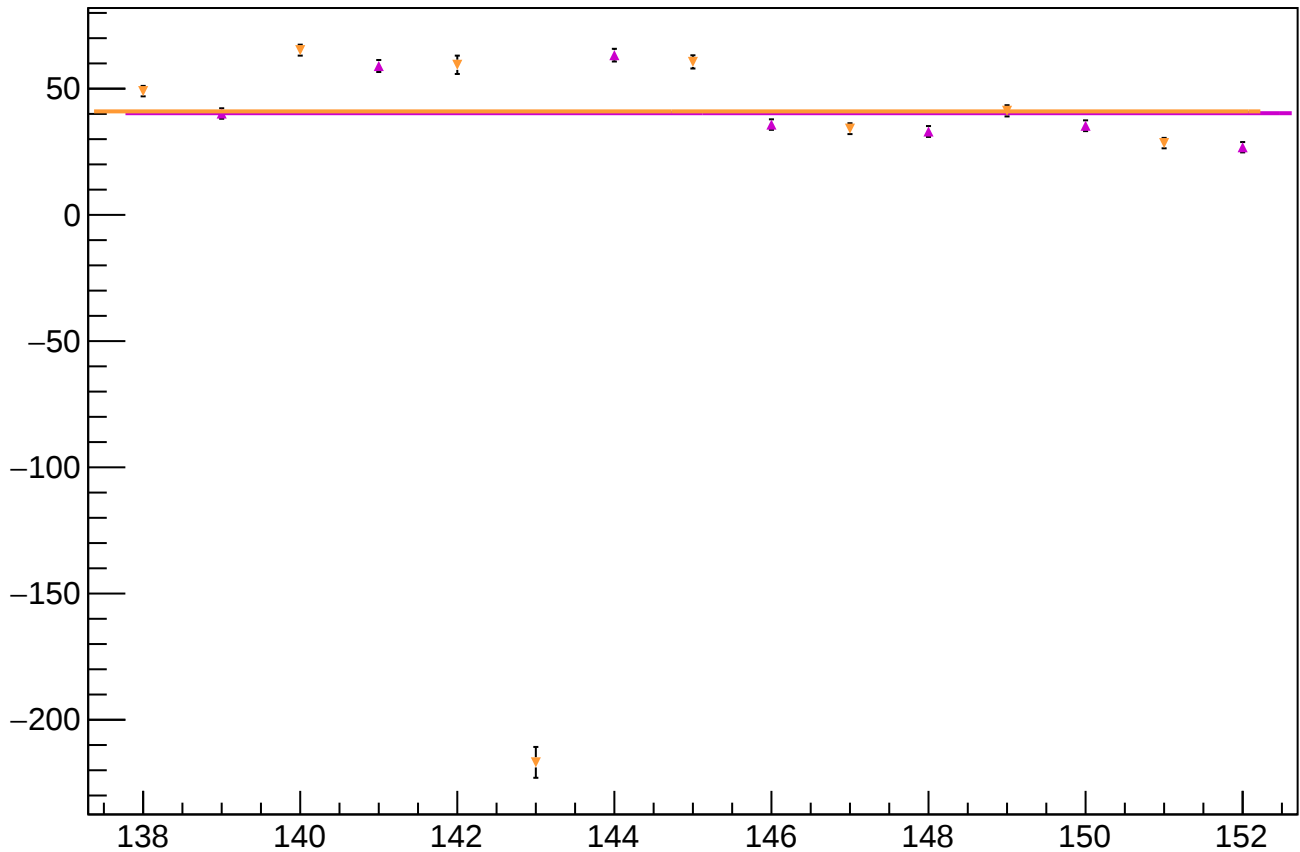
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -262.946+/-0.103 χ^2/NDF : 243901.0/23

Out: -246.167+/-0.097 χ^2/NDF : 333729.2/25

All: -254.057+/-0.071 χ^2/NDF : 591700.1/49

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: 40.281+/-0.824 χ^2/NDF :210.2/6

Left: 40.624+/-0.595 χ^2/NDF : 2260.0/14

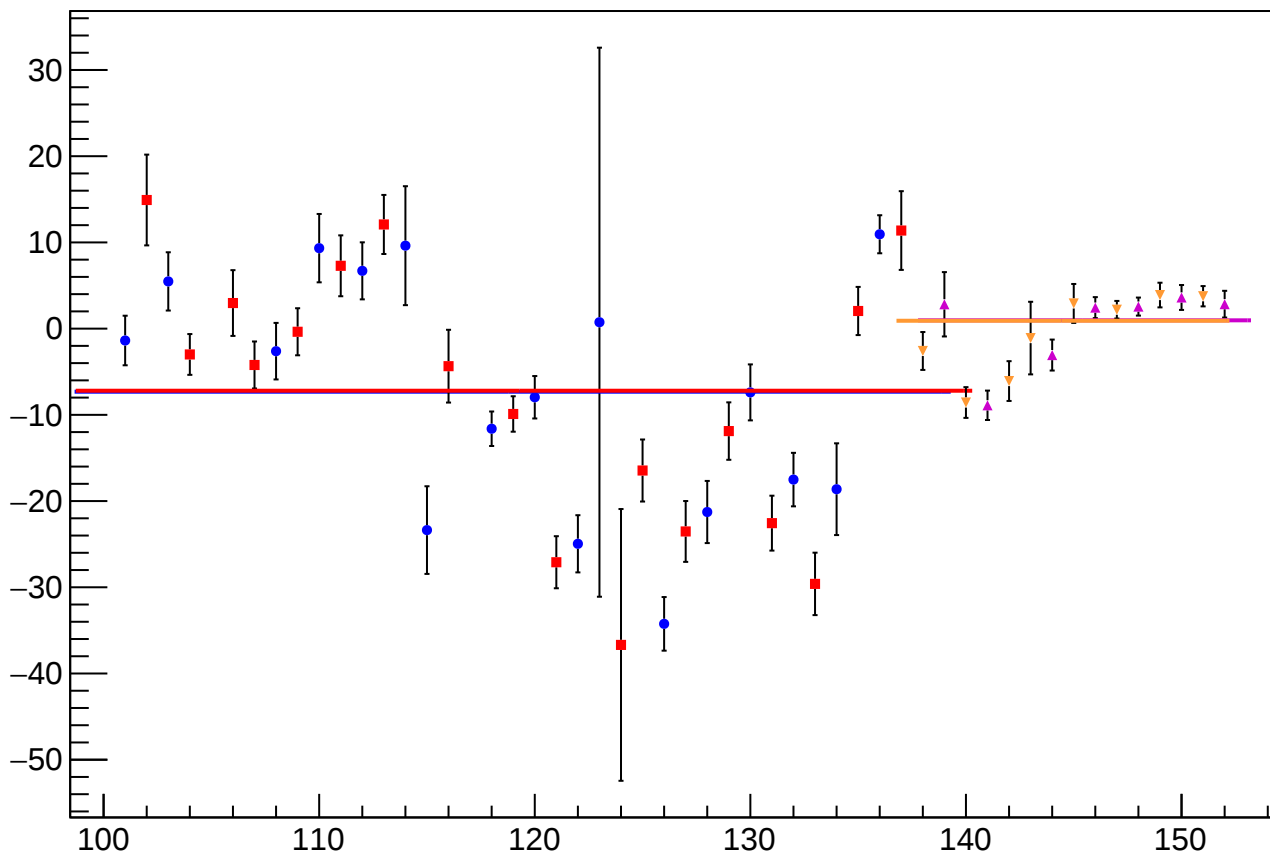
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.281+/-0.824 χ^2/NDF :210.2/6

Out: 41.000+/-0.861 χ^2/NDF :2049.5/7

All: 40.624+/-0.595 χ^2/NDF : 2260.0/14

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.914 ± 0.565 χ^2/NDF : 52.8/7

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.964 ± 0.558 χ^2/NDF : 47.3/6

Left: 0.939 ± 0.397 χ^2/NDF : 100.1/14

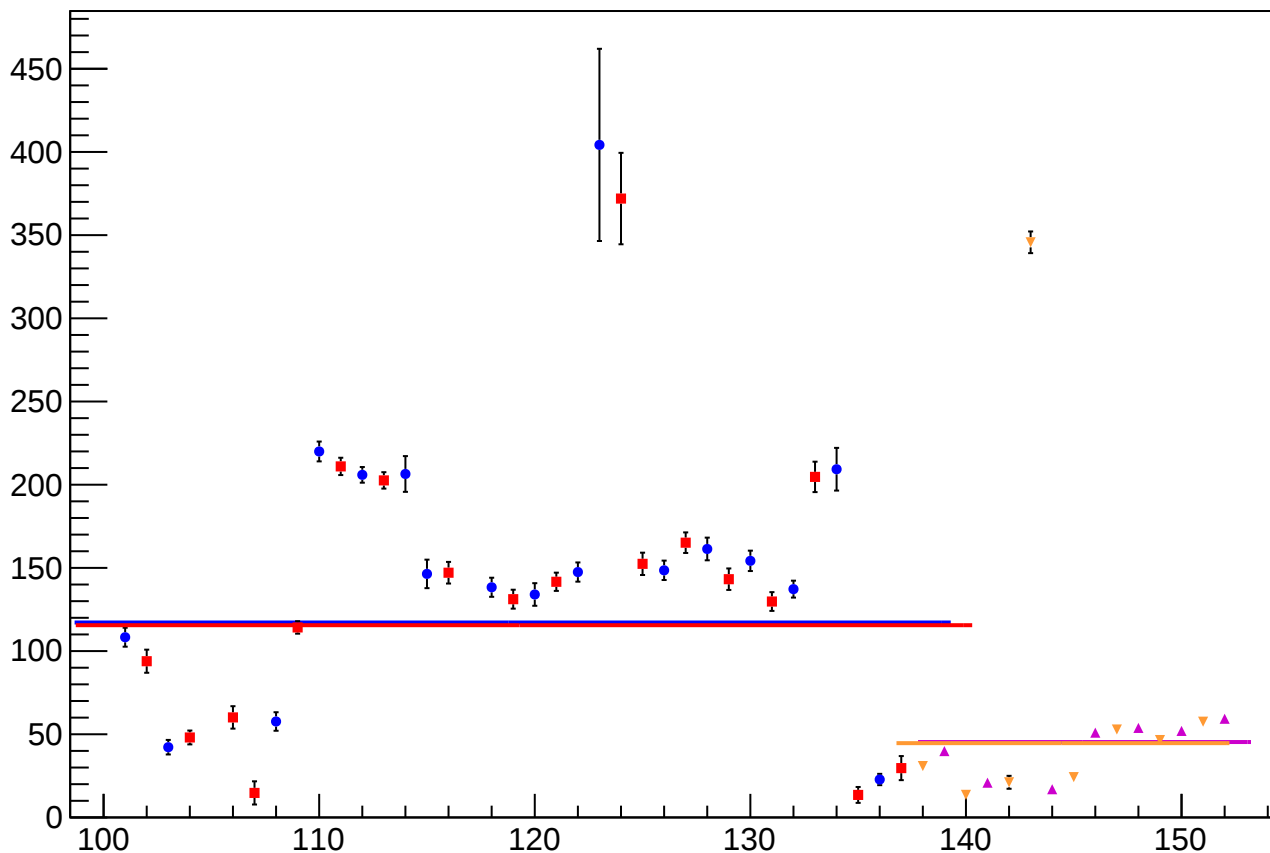
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -1.837 ± 0.454 χ^2/NDF : 400.9/23

Out: -1.965 ± 0.454 χ^2/NDF : 378.1/25

All: -1.901 ± 0.321 χ^2/NDF : 779.0/49

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.657+/-0.862 χ^2/NDF :2504.7/7

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 45.334+/-0.816 χ^2/NDF :298.3/6

Left: 45.015+/-0.592 χ^2/NDF : 2803.3/14

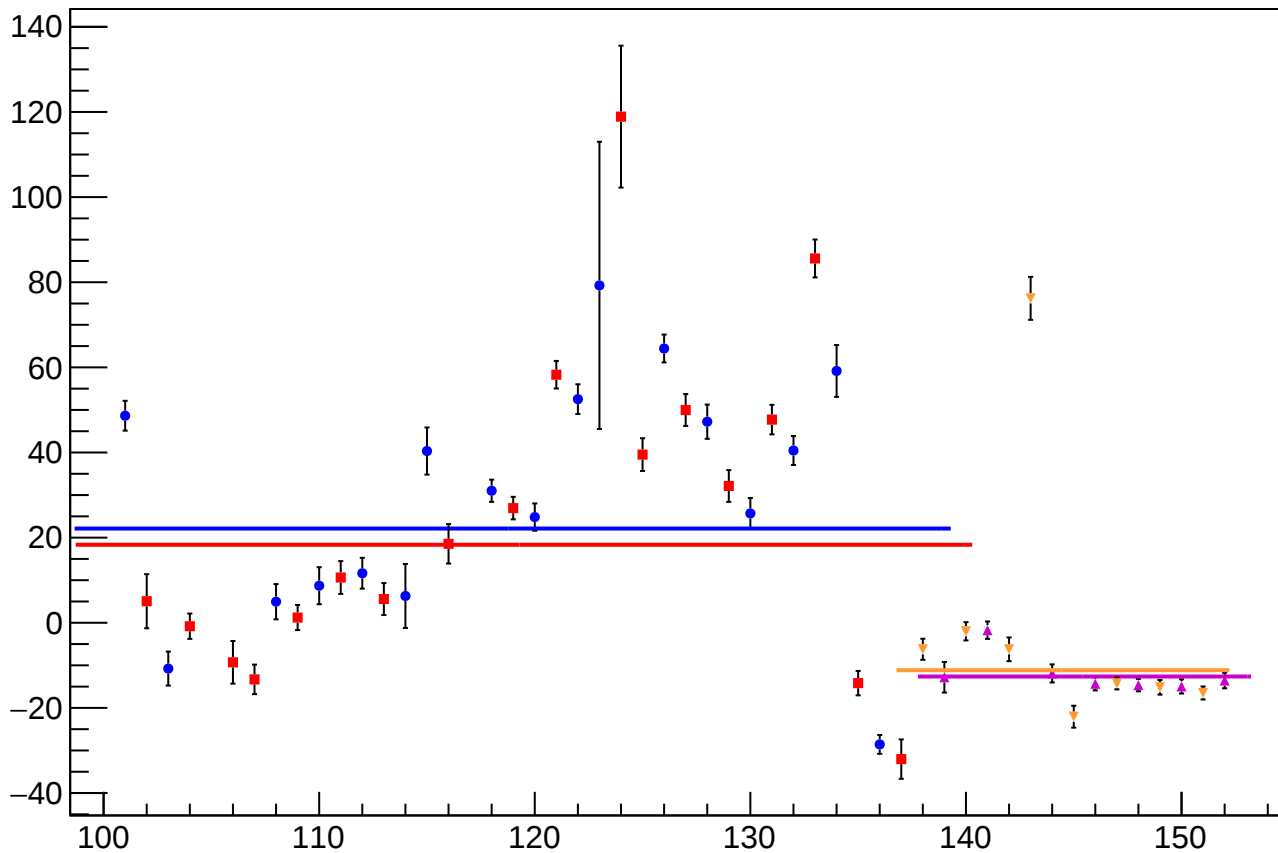
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 63.326+/-0.706 χ^2/NDF :4400.1/23

Out: 64.906+/-0.729 χ^2/NDF :6586.4/25

All: 64.092+/-0.507 χ^2/NDF : 10988.9/49

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: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -12.628 ± 0.695 $\chi^2/\text{NDF}: 33.7/6$

Left: -11.904 ± 0.497 $\chi^2/\text{NDF}: 401.2/14$

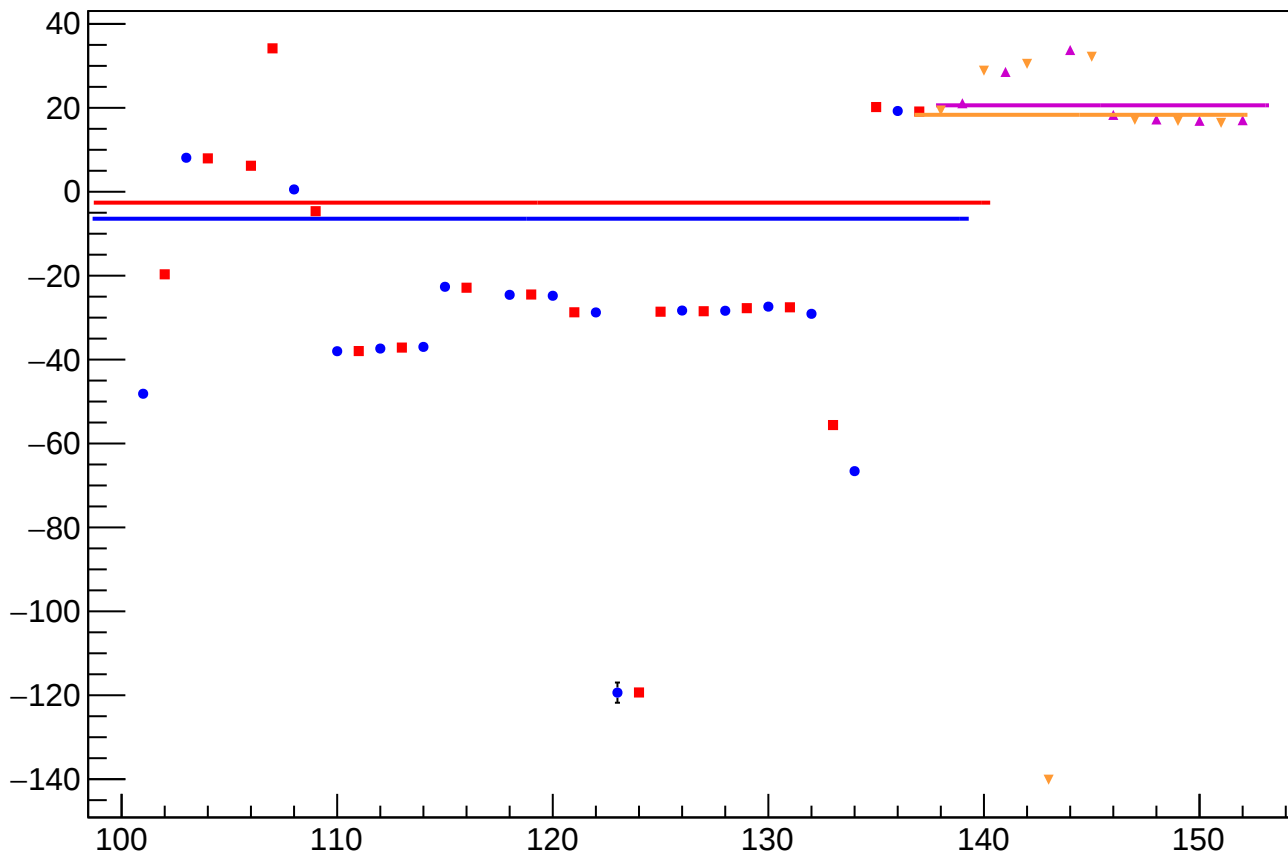
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: 0.511 ± 0.548 $\chi^2/\text{NDF}: 2044.5/23$

Out: 0.663 ± 0.552 $\chi^2/\text{NDF}: 2120.4/25$

All: 0.587 ± 0.389 $\chi^2/\text{NDF}: 4164.9/49$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 18.338 ± 0.037 $\chi^2/\text{NDF}: 399576.0/7$

Right Out: -2.597 ± 0.046 $\chi^2/\text{NDF}: 263579.4/17$

Left In: 20.601 ± 0.034 $\chi^2/\text{NDF}: 24732.2/6$

Left: 19.563 ± 0.025 $\chi^2/\text{NDF}: 426374.8/14$

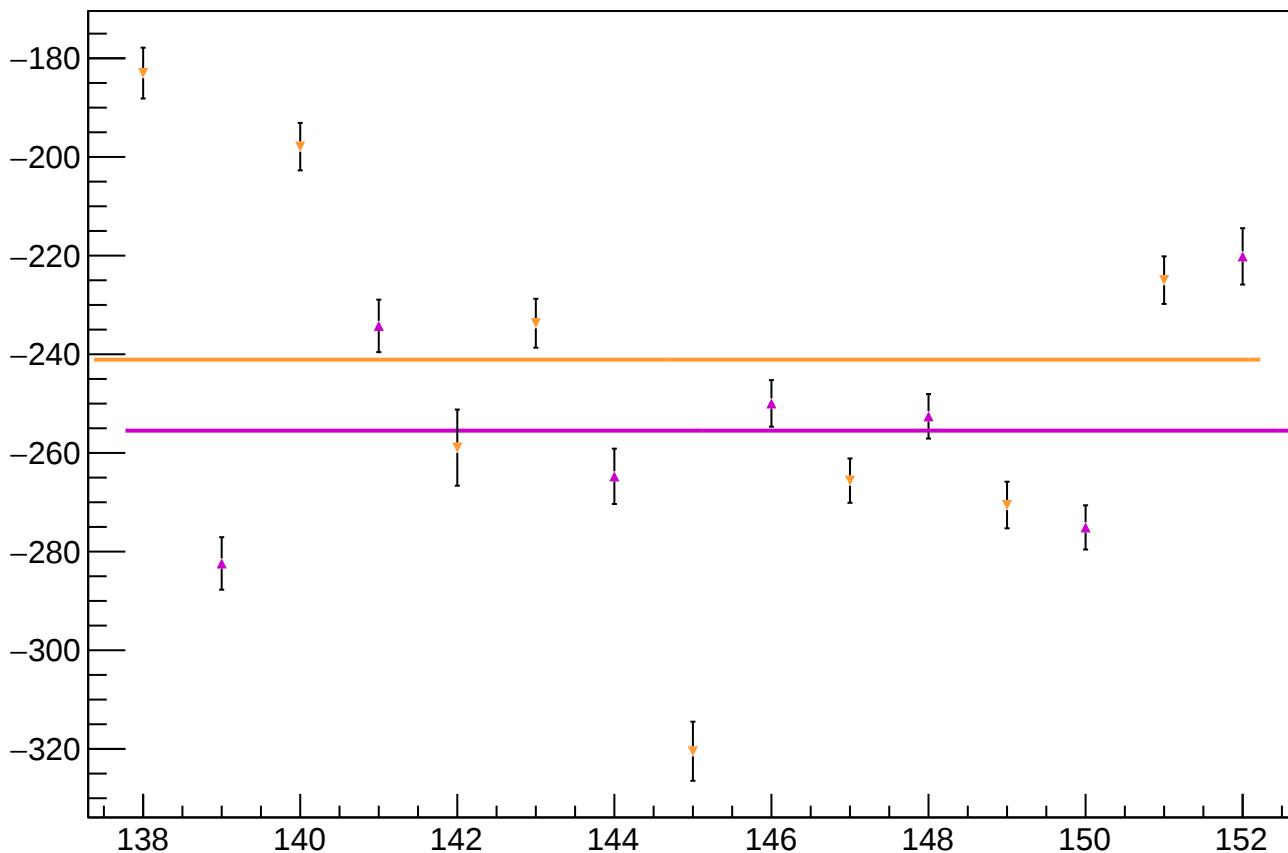
Right: -4.494 ± 0.033 $\chi^2/\text{NDF}: 532217.8/34$

In: 11.213 ± 0.027 $\chi^2/\text{NDF}: 513169.2/23$

Out: 10.168 ± 0.029 $\chi^2/\text{NDF}: 790700.0/25$

All: 10.716 ± 0.020 $\chi^2/\text{NDF}: 1304569.5/49$

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: -255.477+/-1.901 χ^2/NDF :103.4/6

Left: -247.955+/-1.313 χ^2/NDF : 603.9/14

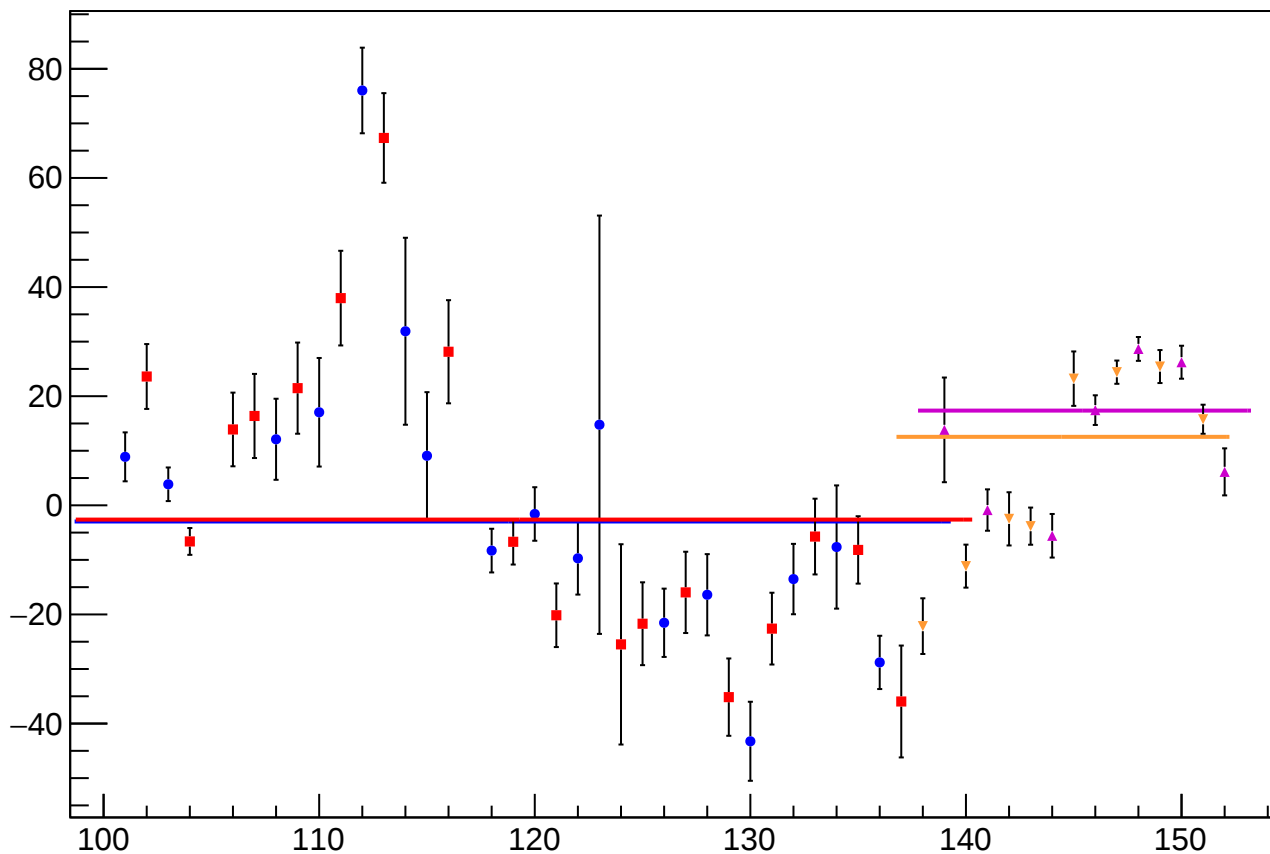
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.477+/-1.901 χ^2/NDF :103.4/6

Out: -241.092+/-1.816 χ^2/NDF :470.5/7

All: -247.955+/-1.313 χ^2/NDF : 603.9/14

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 12.550 ± 1.161 $\chi^2/\text{NDF}: 170.1/7$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 17.361 ± 1.240 $\chi^2/\text{NDF}: 98.3/6$

Left: 14.799 ± 0.847 $\chi^2/\text{NDF}: 276.5/14$

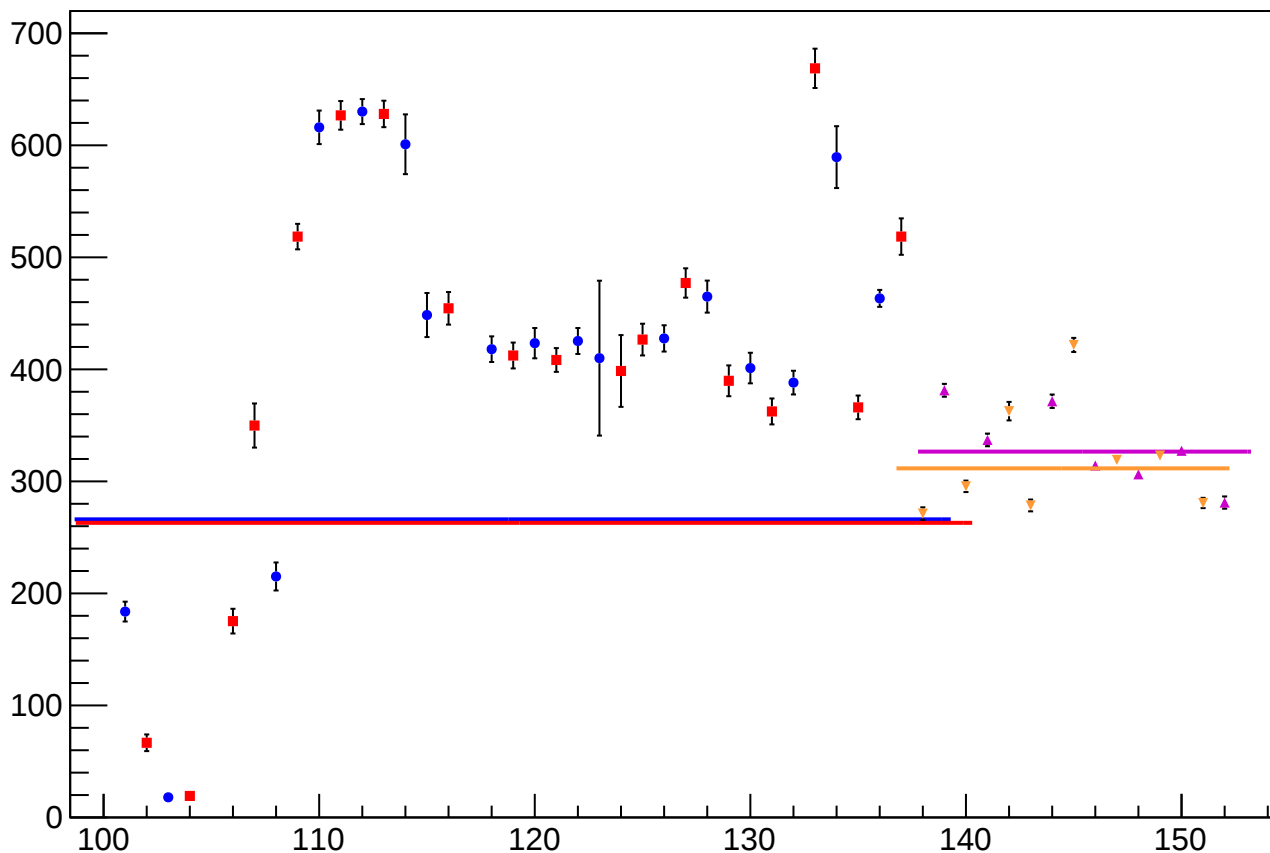
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: 8.796 ± 0.943 $\chi^2/\text{NDF}: 415.2/23$

Out: 6.363 ± 0.894 $\chi^2/\text{NDF}: 450.2/25$

All: 7.514 ± 0.649 $\chi^2/\text{NDF}: 868.8/49$

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: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 326.572 $\pm$ 1.874 χ^2 /NDF:249.5/6

Left: 318.884 $\pm$ 1.307 χ^2 /NDF: 783.3/14

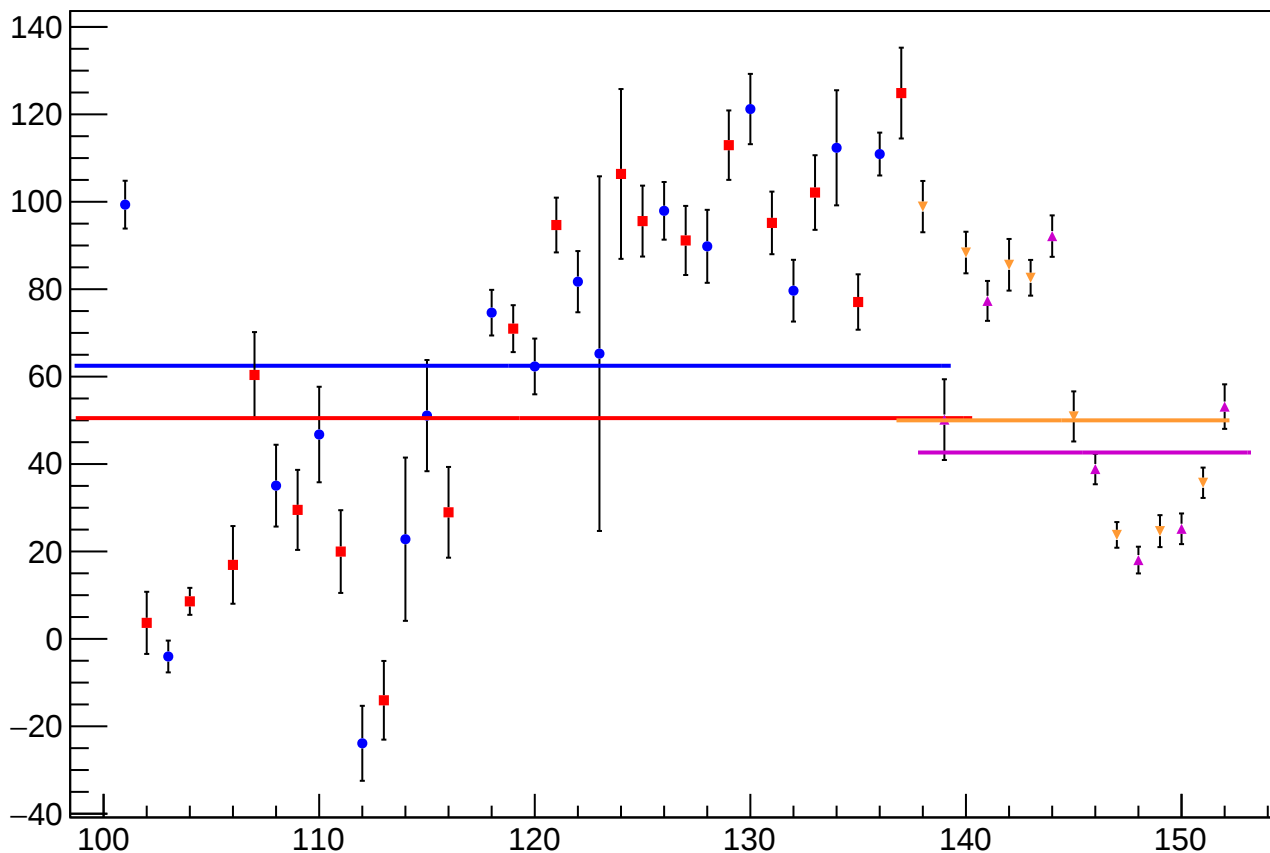
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 304.592 $\pm$ 1.495 χ^2 /NDF:8271.7/23

Out: 294.450 $\pm$ 1.466 χ^2 /NDF:8924.4/25

All: 299.419 $\pm$ 1.047 χ^2 /NDF: 17219.6/49

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 49.996 ± 1.465 $\chi^2/\text{NDF}: 379.1/7$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 42.639 ± 1.556 $\chi^2/\text{NDF}: 262.3/6$

Left: 46.539 ± 1.067 $\chi^2/\text{NDF}: 653.2/14$

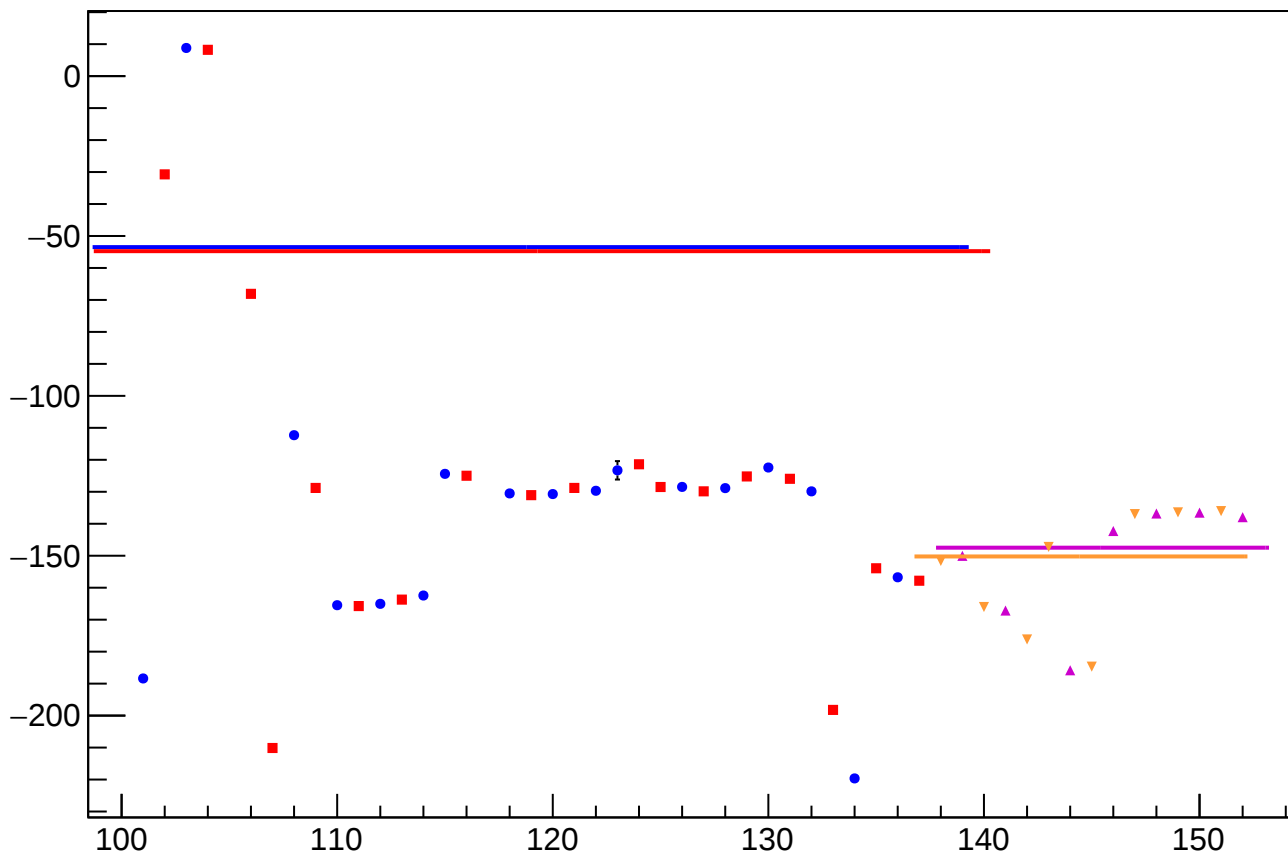
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 51.797 ± 1.142 $\chi^2/\text{NDF}: 1058.1/23$

Out: 50.222 ± 1.094 $\chi^2/\text{NDF}: 1029.8/25$

All: 50.976 ± 0.790 $\chi^2/\text{NDF}: 2088.8/49$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -150.229 ± 0.078 $\chi^2/\text{NDF}: 45270.2/7$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -147.485 ± 0.078 $\chi^2/\text{NDF}: 38604.9/6$

Left: -148.865 ± 0.055 $\chi^2/\text{NDF}: 84494.3/14$

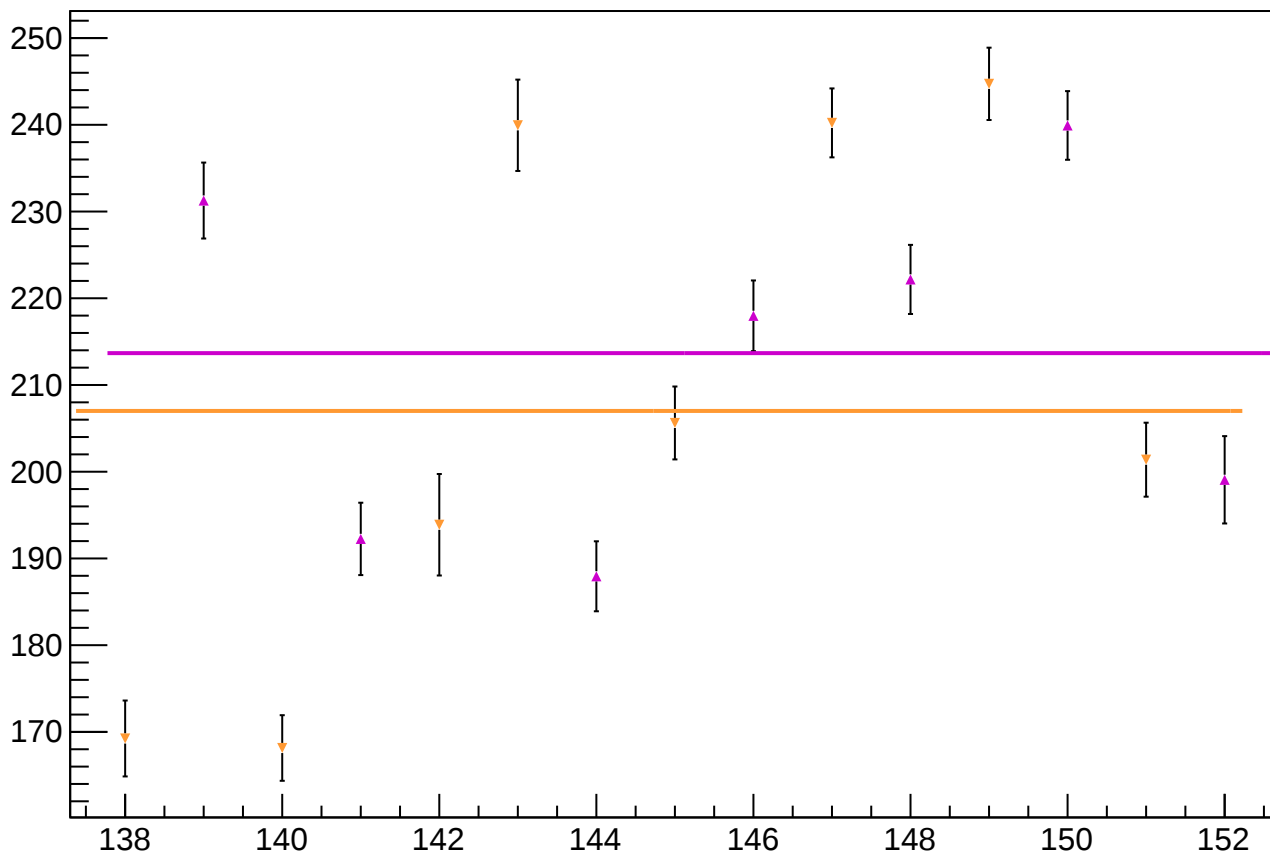
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -95.516 ± 0.052 $\chi^2/\text{NDF}: 2066681.5/23$

Out: -98.923 ± 0.053 $\chi^2/\text{NDF}: 1808365.7/25$

All: -97.200 ± 0.037 $\chi^2/\text{NDF}: 3877146.7/49$

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: 213.673+/-1.586 χ^2/NDF :141.2/6

Left: 210.250+/-1.106 χ^2/NDF : 528.0/14

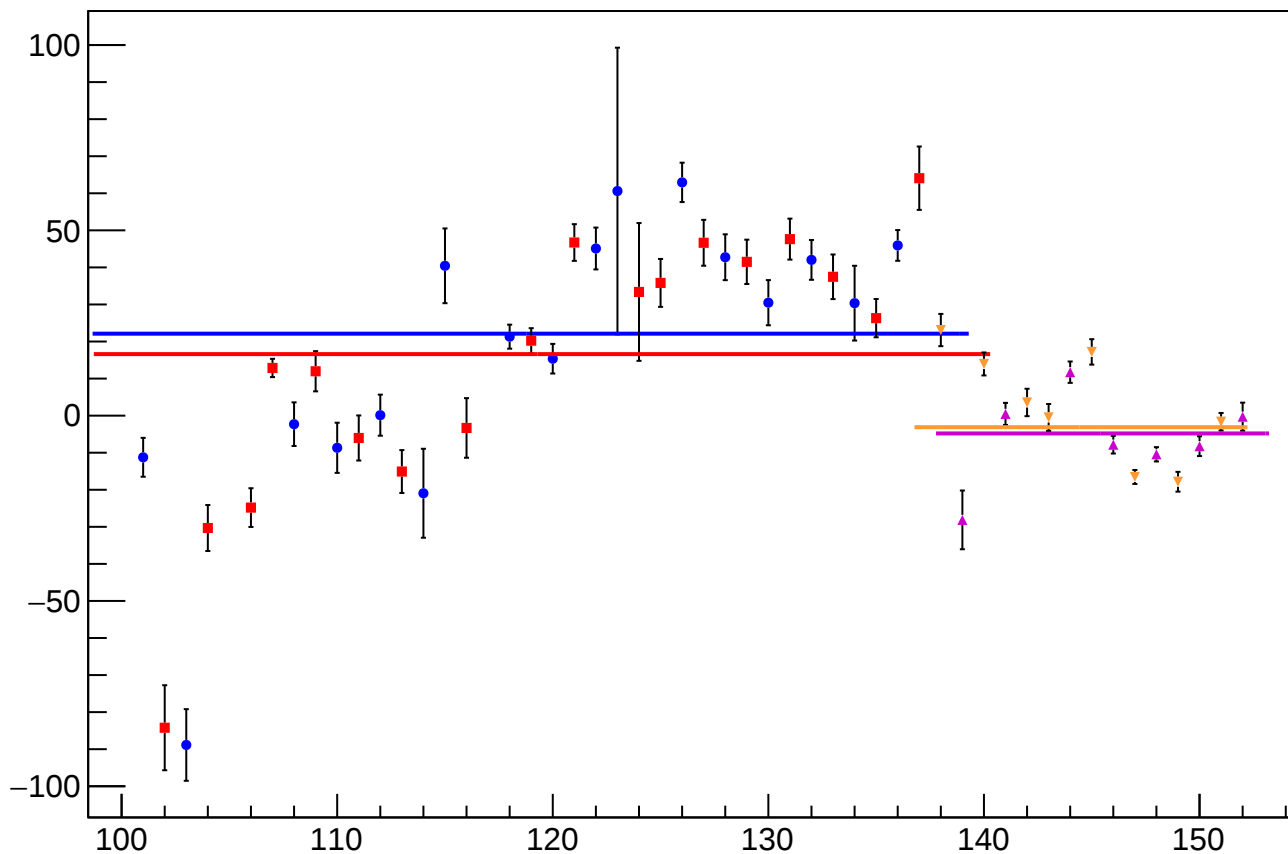
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.673+/-1.586 χ^2/NDF :141.2/6

Out: 207.008+/-1.543 χ^2/NDF :377.7/7

All: 210.250+/-1.106 χ^2/NDF : 528.0/14

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: -3.116+/-1.003 χ^2/NDF : 187.1/7

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: -4.802+/-1.052 χ^2/NDF : 57.9/6

Left: -3.919+/-0.726 χ^2/NDF : 246.4/14

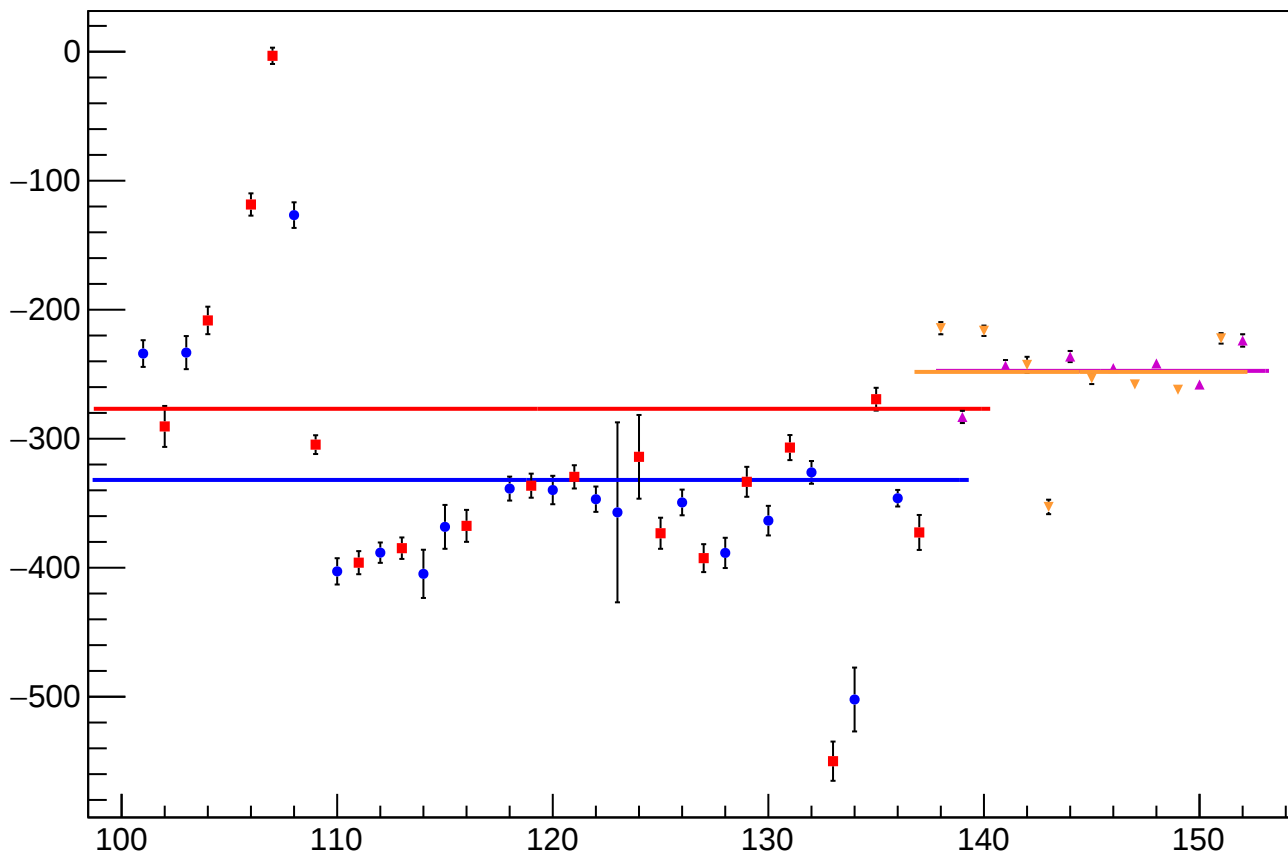
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 5.122+/-0.836 χ^2/NDF : 681.4/23

Out: 4.767+/-0.777 χ^2/NDF : 758.4/25

All: 4.932+/-0.569 χ^2/NDF : 1439.9/49

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: -276.804+/-2.329 χ^2/NDF : 3330.4/17

Left In: -247.401+/-1.576 χ^2/NDF : 99.0/6

Left: -247.807+/-1.108 χ^2/NDF : 622.5/14

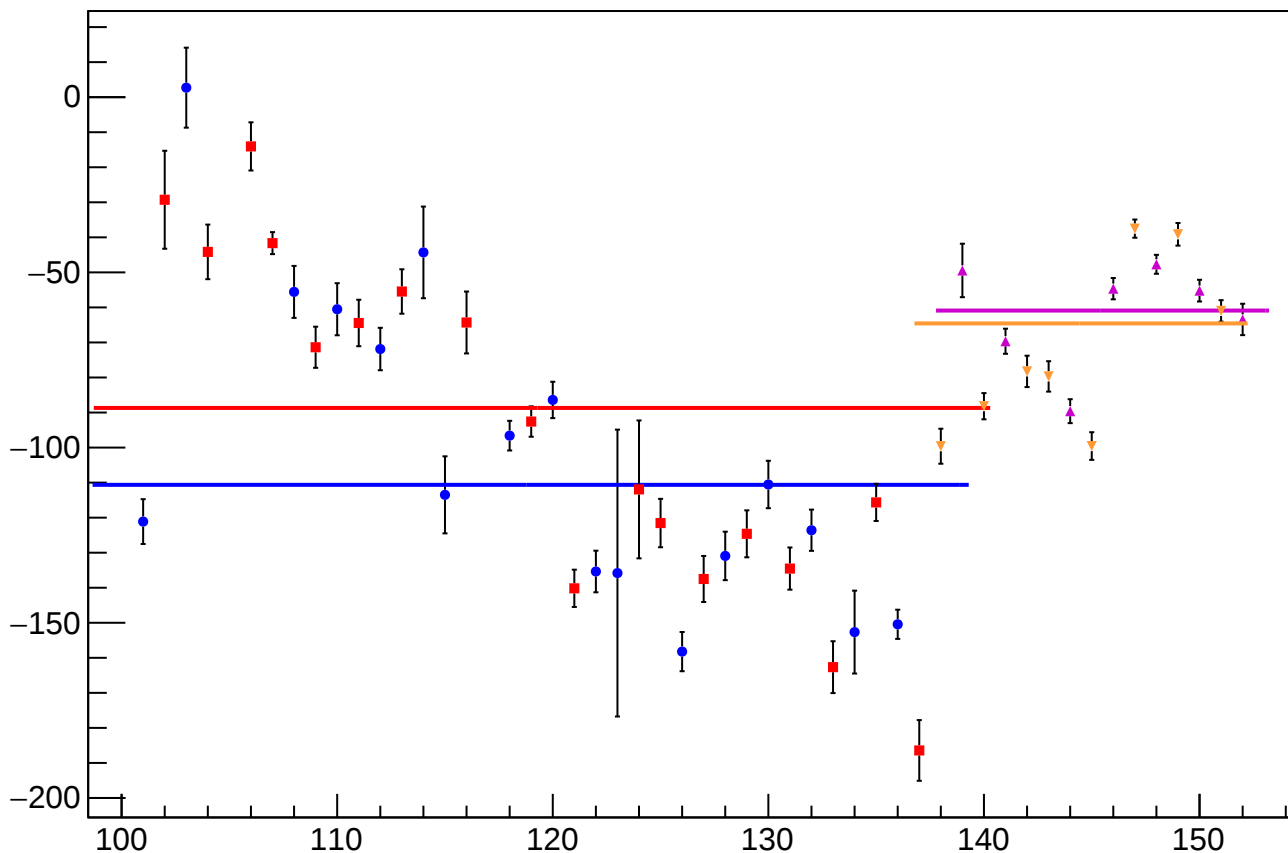
Right: -301.706+/-1.725 χ^2/NDF : 4369.1/34

In: -270.545+/-1.343 χ^2/NDF : 1672.4/23

Out: -257.033+/-1.294 χ^2/NDF : 3958.0/25

All: -263.539+/-0.932 χ^2/NDF : 5682.8/49

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -64.566 ± 1.261 $\chi^2/\text{NDF}: 361.2/7$

Right Out: -88.683 ± 1.434 $\chi^2/\text{NDF}: 964.0/17$

Left In: -60.896 ± 1.313 $\chi^2/\text{NDF}: 110.7/6$

Left: -62.806 ± 0.909 $\chi^2/\text{NDF}: 475.9/14$

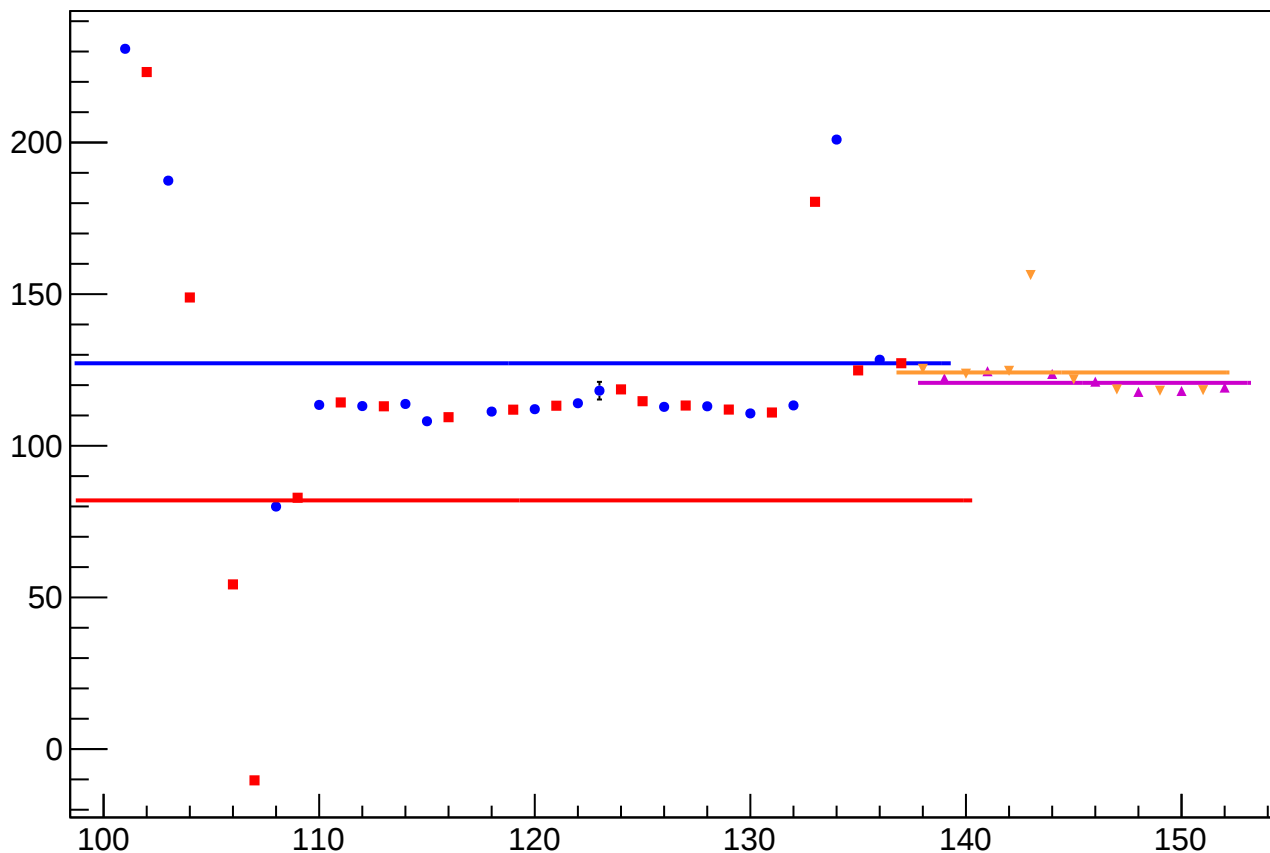
Right: -98.593 ± 1.062 $\chi^2/\text{NDF}: 1578.5/34$

In: -81.198 ± 1.010 $\chi^2/\text{NDF}: 1205.2/23$

Out: -75.075 ± 0.947 $\chi^2/\text{NDF}: 1484.6/25$

All: -77.939 ± 0.691 $\chi^2/\text{NDF}: 2709.4/49$

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: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.754 $\pm$ 0.066 χ^2 /NDF: 1492.3/6

Left: 122.453 $\pm$ 0.047 χ^2 /NDF: 26599.3/14

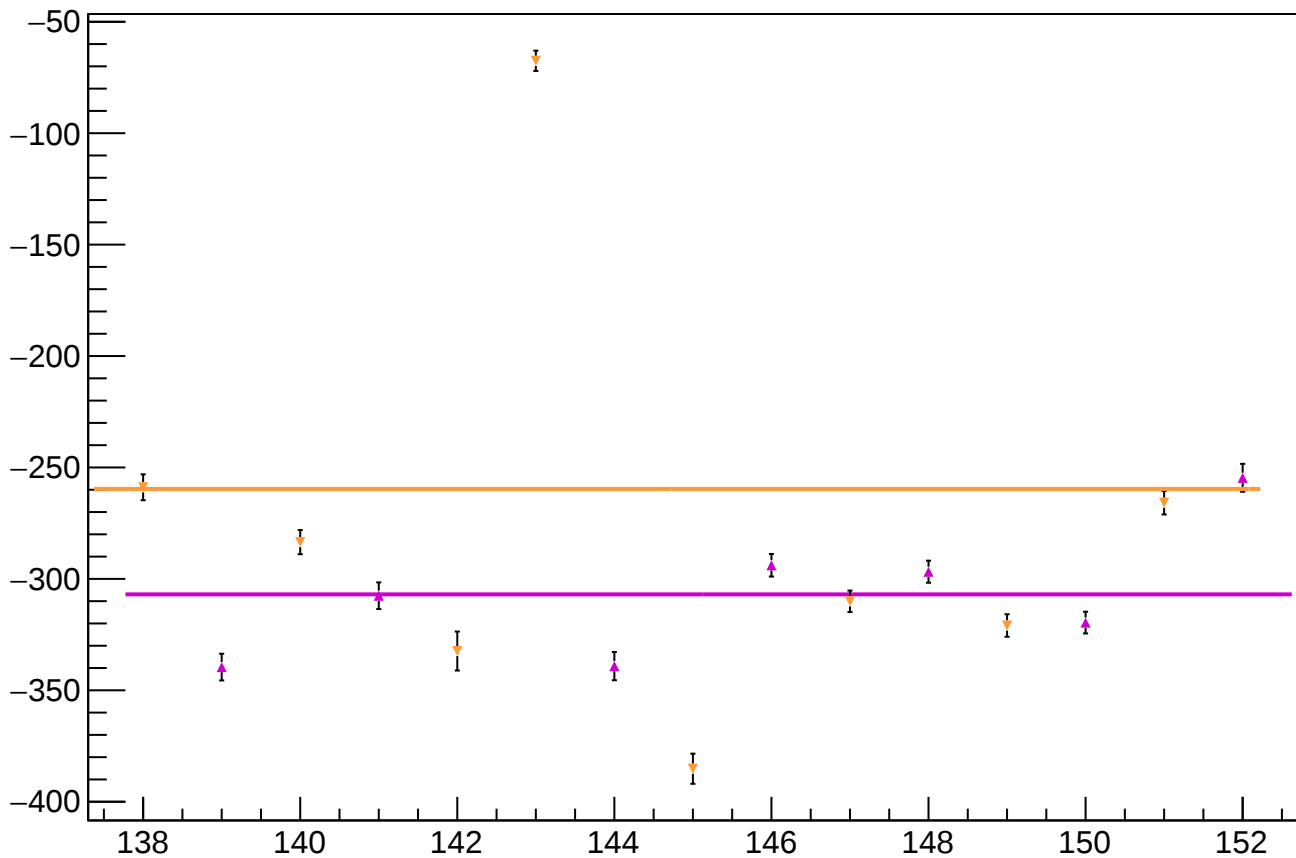
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 123.023 $\pm$ 0.053 χ^2 /NDF: 192913.5/23

Out: 105.848 $\pm$ 0.050 χ^2 /NDF: 950184.5/25

All: 113.916 $\pm$ 0.036 χ^2 /NDF: 1199065.6/49

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: -306.949+/-2.094 χ^2/NDF :142.8/6

Left: -281.518+/-1.424 χ^2/NDF : 2891.6/14

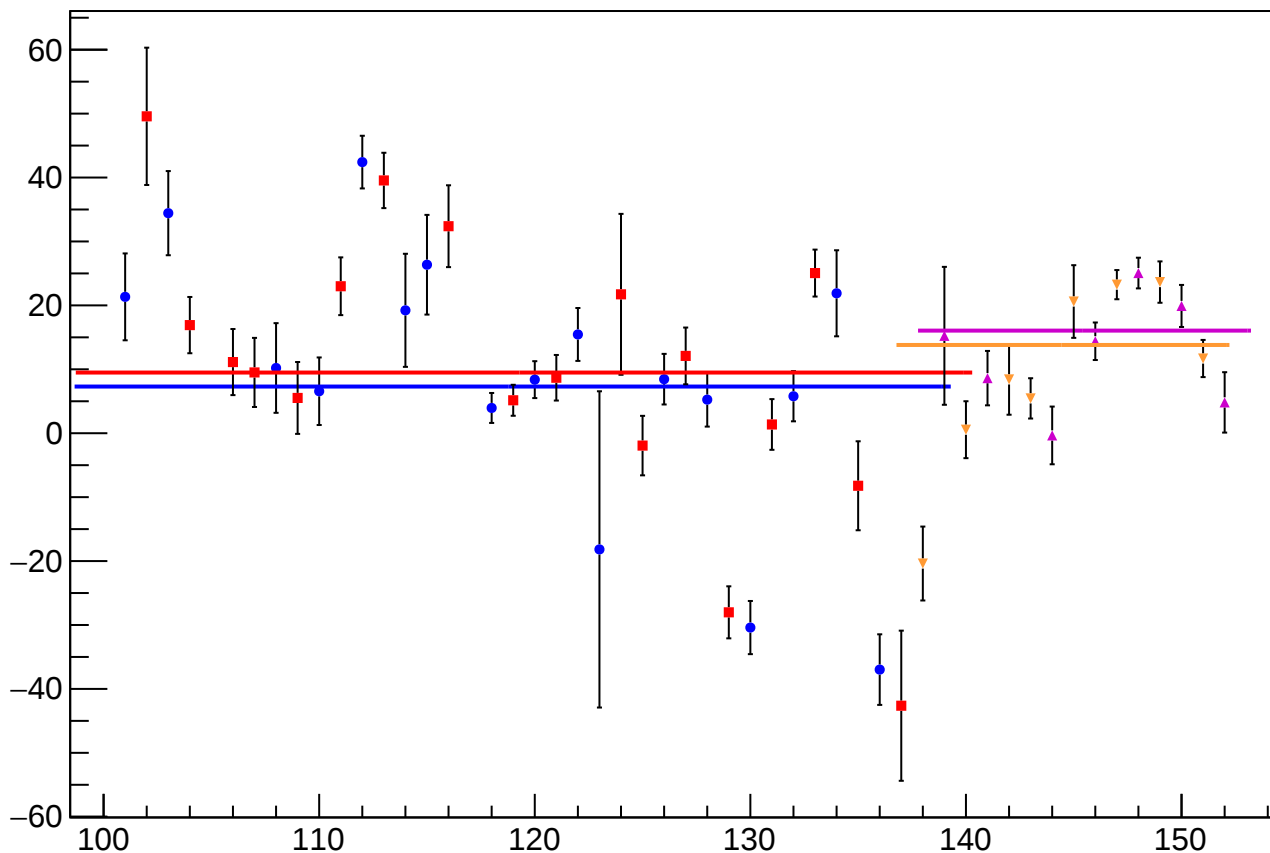
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.949+/-2.094 χ^2/NDF :142.8/6

Out: -259.625+/-1.943 χ^2/NDF :2474.4/7

All: -281.518+/-1.424 χ^2/NDF : 2891.6/14

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 13.807 ± 1.240 $\chi^2/\text{NDF}: 80.1/7$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 16.053 ± 1.361 $\chi^2/\text{NDF}: 37.7/6$

Left: 14.826 ± 0.917 $\chi^2/\text{NDF}: 119.3/14$

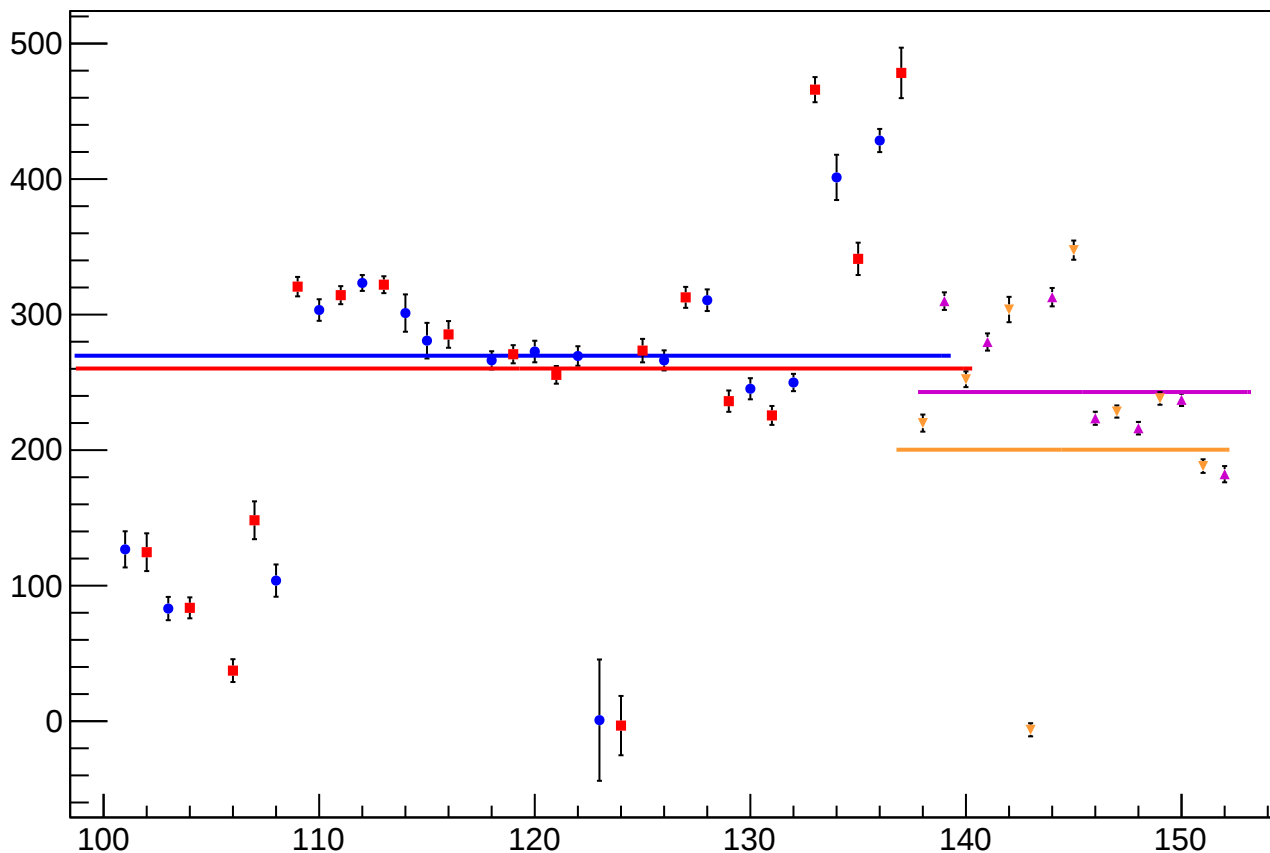
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 10.704 ± 0.849 $\chi^2/\text{NDF}: 323.6/23$

Out: 11.340 ± 0.811 $\chi^2/\text{NDF}: 318.1/25$

All: 11.036 ± 0.587 $\chi^2/\text{NDF}: 642.0/49$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 200.307 $\pm$ 1.951 χ^2 /NDF:2567.5/7

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 242.870 $\pm$ 2.062 χ^2 /NDF:399.9/6

Left: 220.419 $\pm$ 1.417 χ^2 /NDF: 3192.1/14

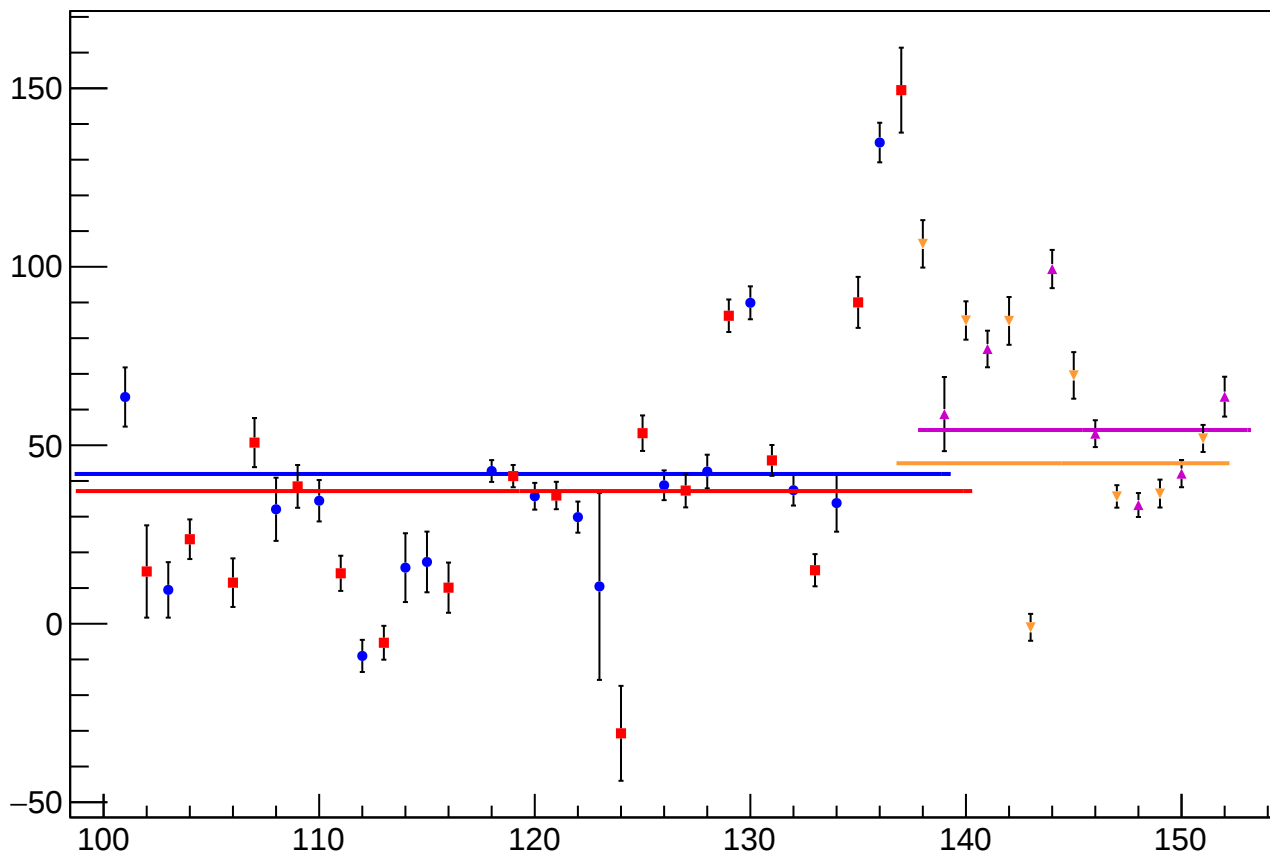
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 256.175 $\pm$ 1.463 χ^2 /NDF:1860.3/23

Out: 229.850 $\pm$ 1.389 χ^2 /NDF:5560.3/25

All: 242.335 $\pm$ 1.007 χ^2 /NDF: 7590.8/49

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 44.960 $\pm$ 1.563 χ^2 /NDF:356.2/7

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 54.280 $\pm$ 1.709 χ^2 /NDF:143.0/6

Left: 49.204 $\pm$ 1.153 χ^2 /NDF: 515.4/14

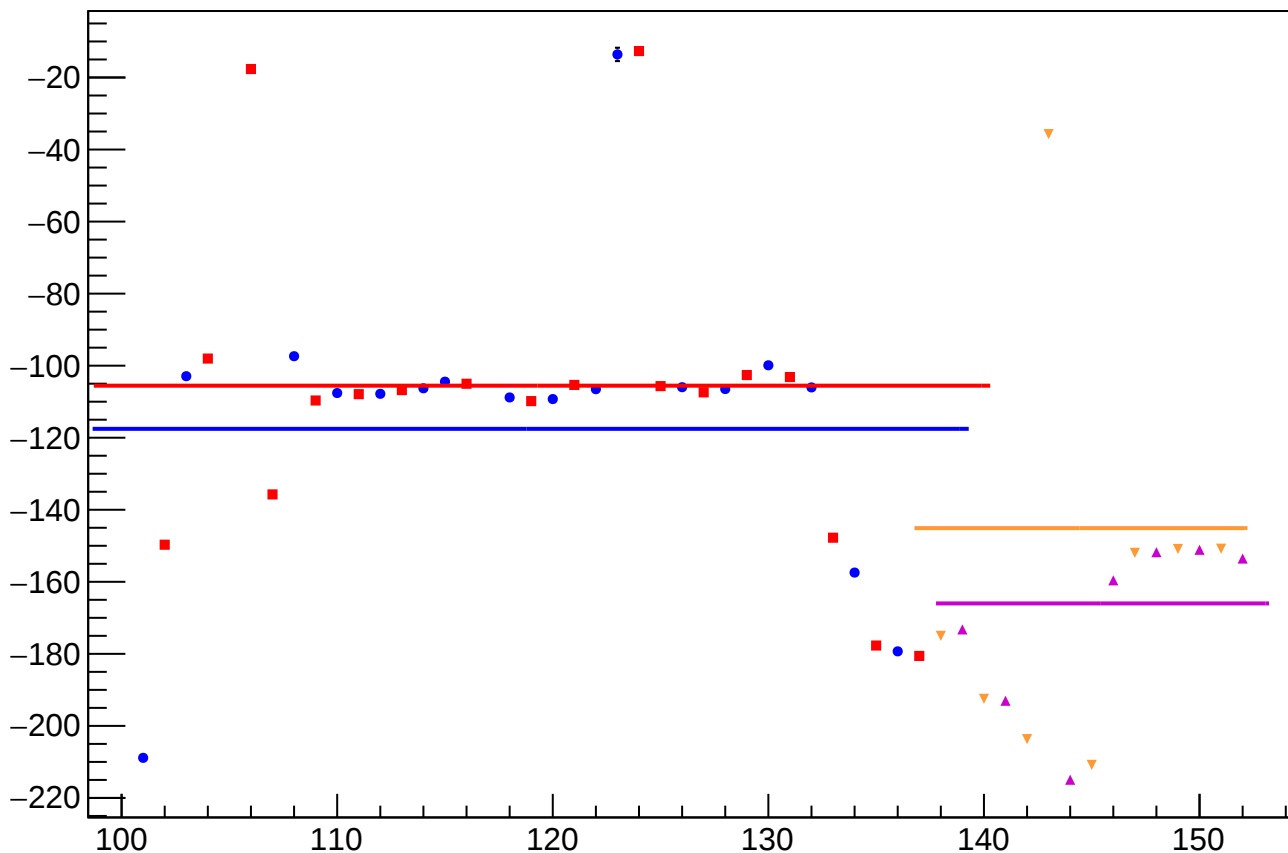
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 46.289 $\pm$ 1.013 χ^2 /NDF:750.9/23

Out: 40.169 $\pm$ 0.970 χ^2 /NDF:842.3/25

All: 43.094 $\pm$ 0.700 χ^2 /NDF: 1612.3/49

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: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -166.001+/-0.086 χ^2/NDF : 53733.8/6

Left: -155.174+/-0.060 χ^2/NDF : 530433.7/14

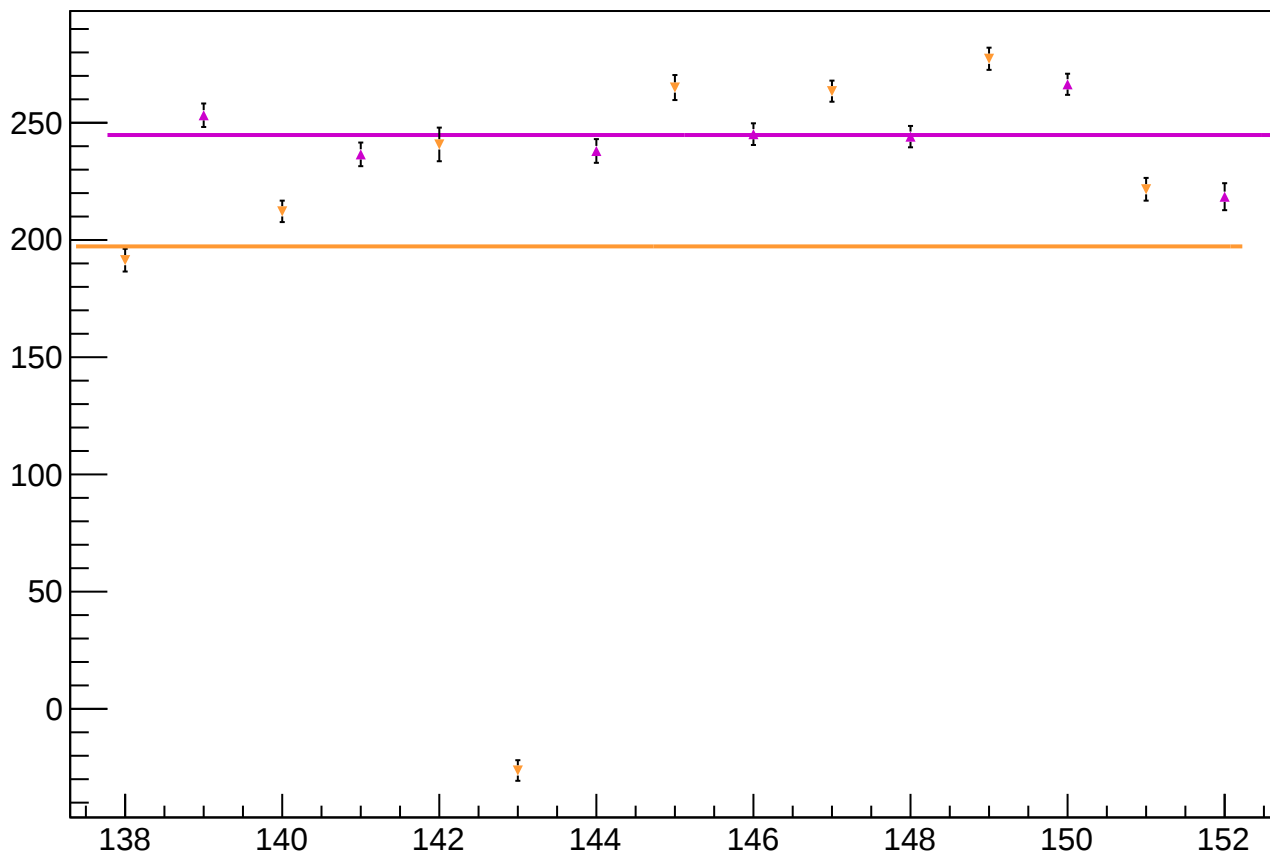
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -139.410+/-0.058 χ^2/NDF : 369499.6/23

Out: -122.749+/-0.055 χ^2/NDF : 891664.6/25

All: -130.624+/-0.040 χ^2/NDF : 1304880.6/49

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: 244.775+/-1.849 χ^2/NDF :51.3/6

Left: 219.473+/-1.264 χ^2/NDF : 3728.4/14

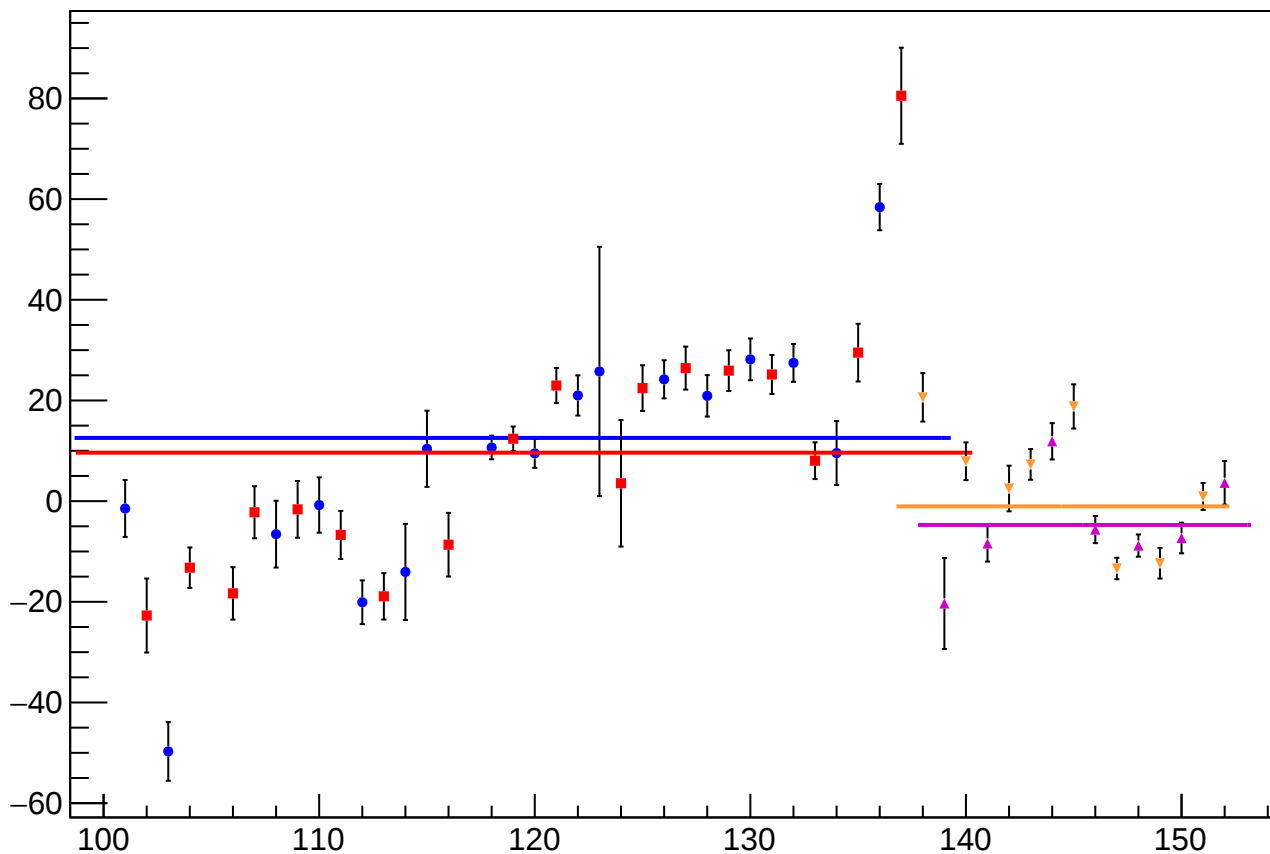
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.775+/-1.849 χ^2/NDF :51.3/6

Out: 197.262+/-1.732 χ^2/NDF :3325.3/7

All: 219.473+/-1.264 χ^2/NDF : 3728.4/14

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: -1.034 $\pm$ 1.124 χ^2 /NDF:102.5/7

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -4.730 $\pm$ 1.221 χ^2 /NDF:33.3/6

Left: -2.729 $\pm$ 0.827 χ^2 /NDF: 140.7/14

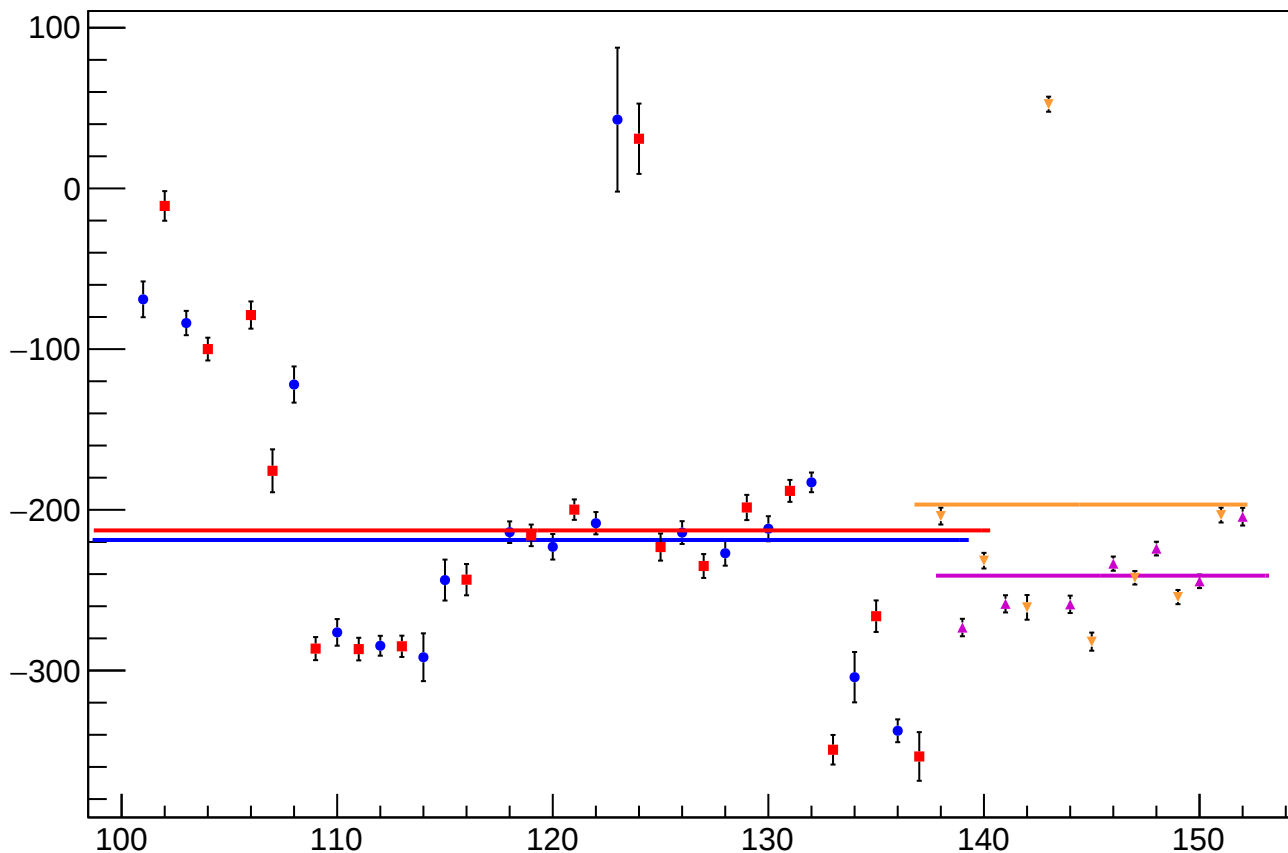
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 5.153 $\pm$ 0.799 χ^2 /NDF:496.3/23

Out: 4.666 $\pm$ 0.767 χ^2 /NDF:438.1/25

All: 4.899 $\pm$ 0.554 χ^2 /NDF: 934.6/49

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: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -240.970 ± 1.831 $\chi^2/\text{NDF}: 120.4/6$

Left: -217.829 ± 1.265 $\chi^2/\text{NDF}: 3890.5/14$

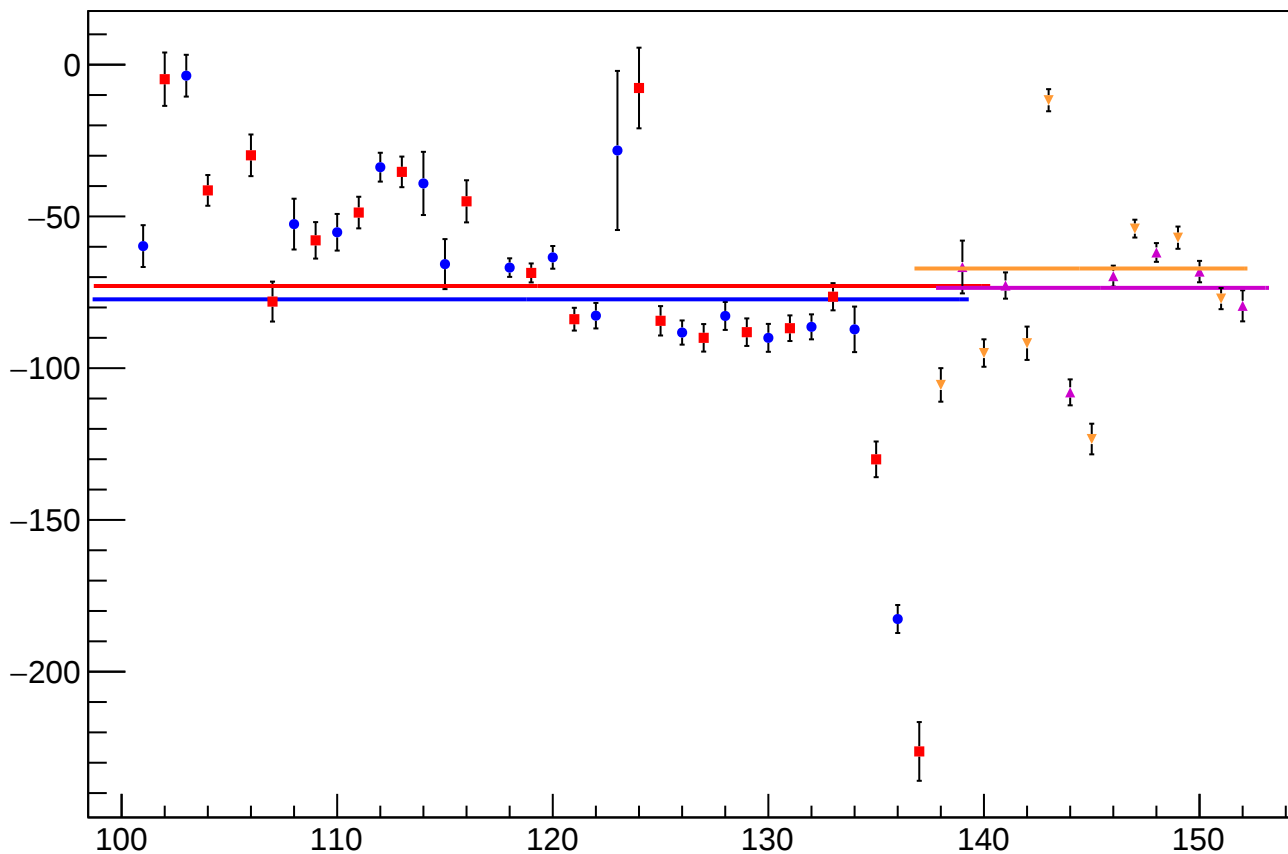
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -230.901 ± 1.354 $\chi^2/\text{NDF}: 1331.5/23$

Out: -203.996 ± 1.295 $\chi^2/\text{NDF}: 5327.5/25$

All: -216.850 ± 0.936 $\chi^2/\text{NDF}: 6865.3/49$

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: -72.922 ± 1.208 $\chi^2/\text{NDF}: 660.8/17$

Left In: -73.539 ± 1.528 $\chi^2/\text{NDF}: 84.6/6$

Left: -70.097 ± 1.037 $\chi^2/\text{NDF}: 591.6/14$

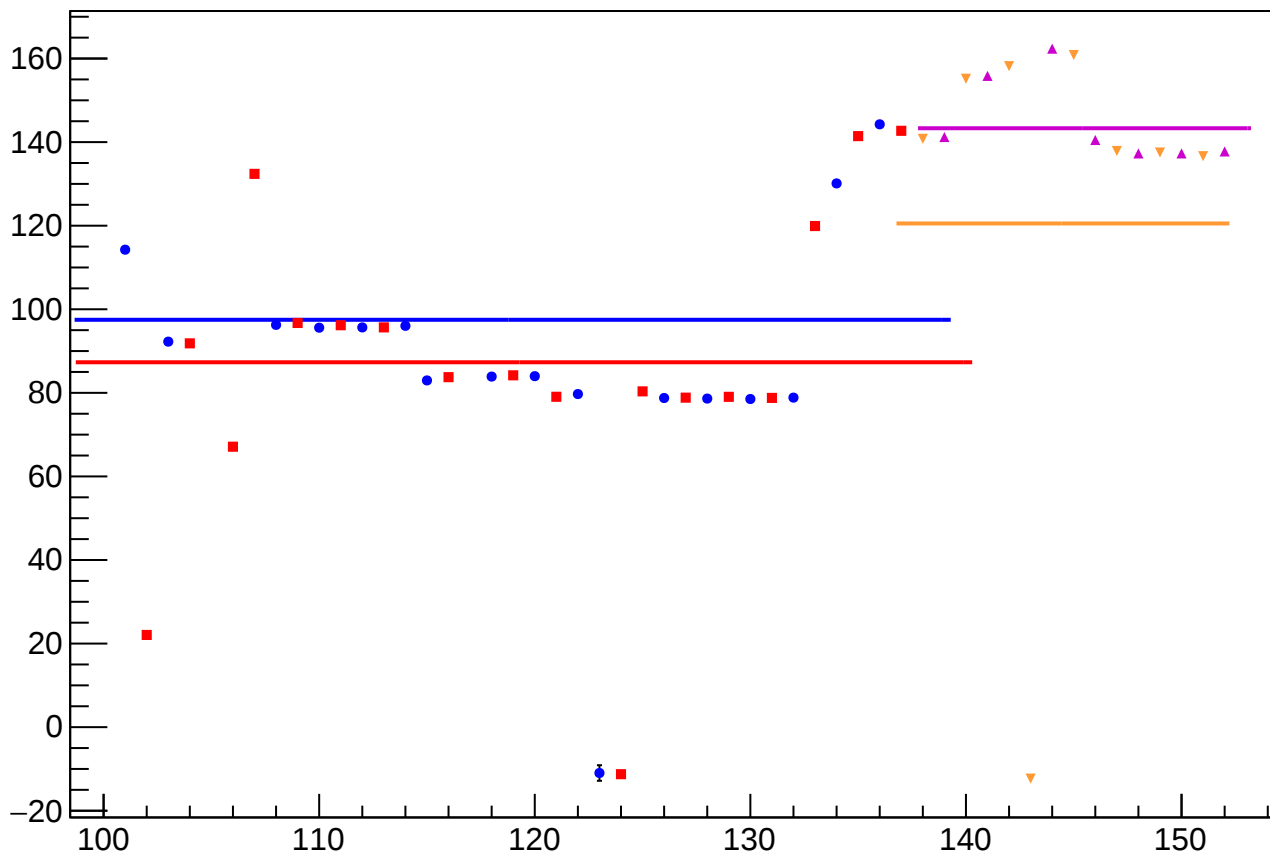
Right: -75.095 ± 0.859 $\chi^2/\text{NDF}: 1485.1/34$

In: -75.844 ± 0.954 $\chi^2/\text{NDF}: 906.0/23$

Out: -70.486 ± 0.918 $\chi^2/\text{NDF}: 1168.0/25$

All: -73.060 ± 0.661 $\chi^2/\text{NDF}: 2090.4/49$

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: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 143.320+/-0.076 χ^2/NDF : 12988.8/6

Left: 131.613+/-0.053 χ^2/NDF : 662875.0/14

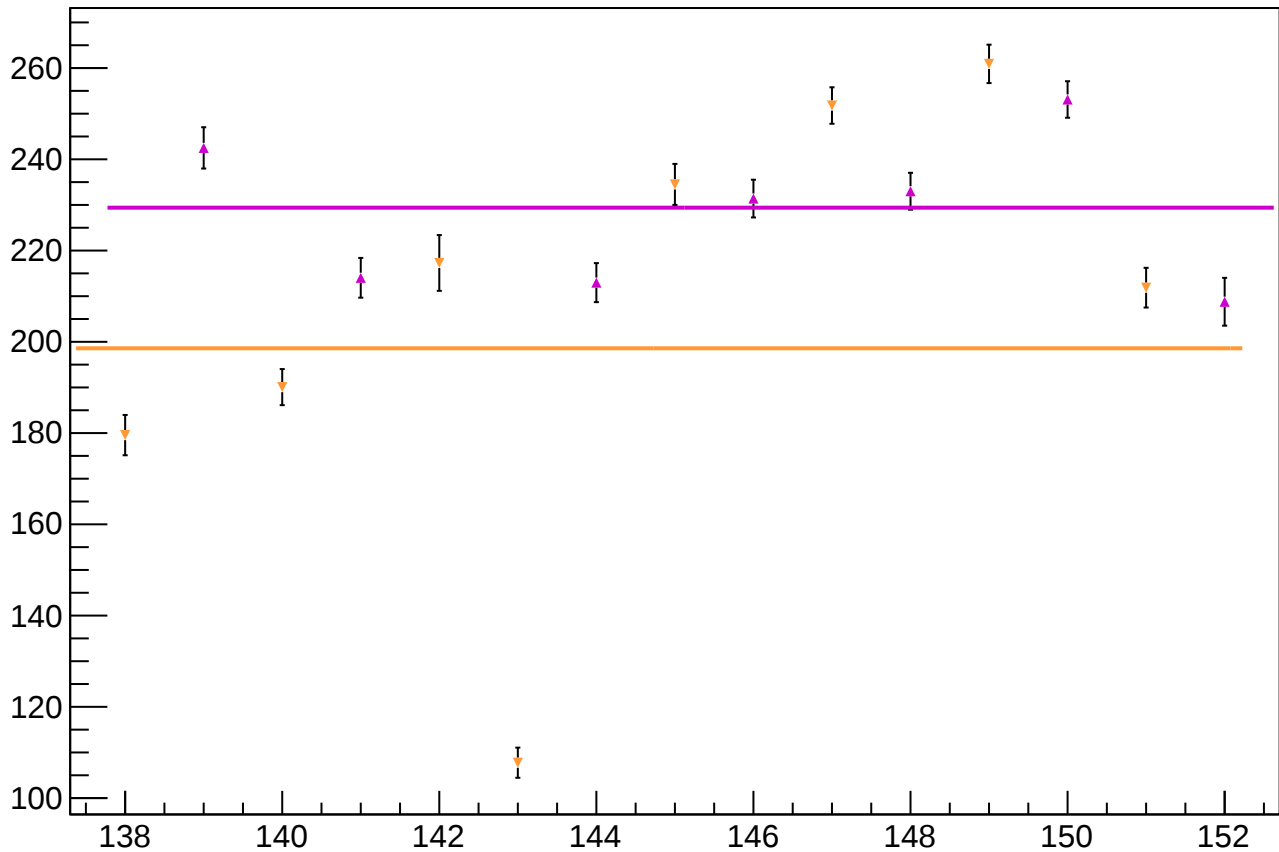
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 119.522+/-0.053 χ^2/NDF : 295061.9/23

Out: 102.567+/-0.050 χ^2/NDF : 934292.5/25

All: 110.617+/-0.036 χ^2/NDF : 1283378.5/49

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: 229.401+/-1.634 χ^2/NDF :87.2/6

Left: 212.502+/-1.098 χ^2/NDF : 1539.3/14

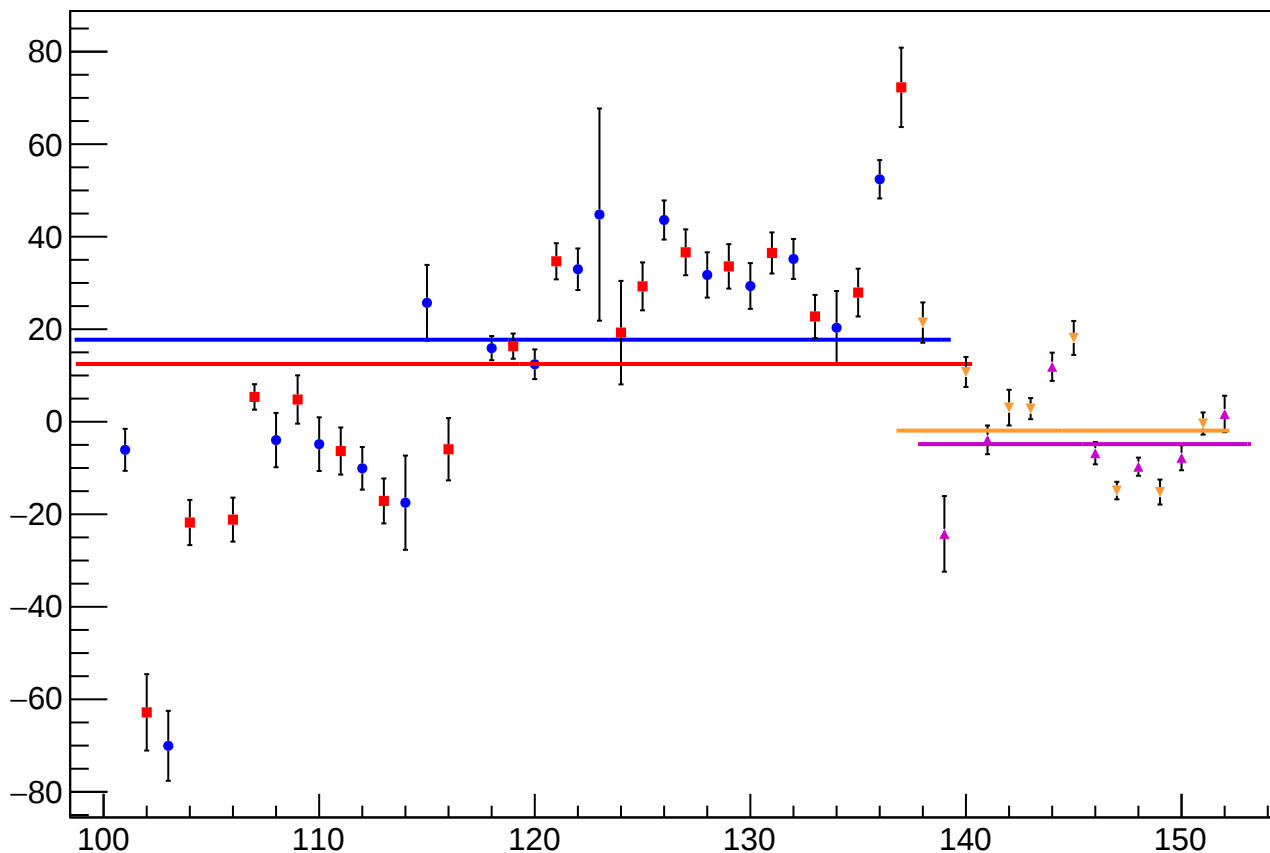
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.401+/-1.634 χ^2/NDF :87.2/6

Out: 198.580+/-1.483 χ^2/NDF :1256.9/7

All: 212.502+/-1.098 χ^2/NDF : 1539.3/14

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -1.911 ± 0.965 $\chi^2/\text{NDF}: 151.5/7$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -4.830 ± 1.078 $\chi^2/\text{NDF}: 46.5/6$

Left: -3.210 ± 0.719 $\chi^2/\text{NDF}: 202.1/14$

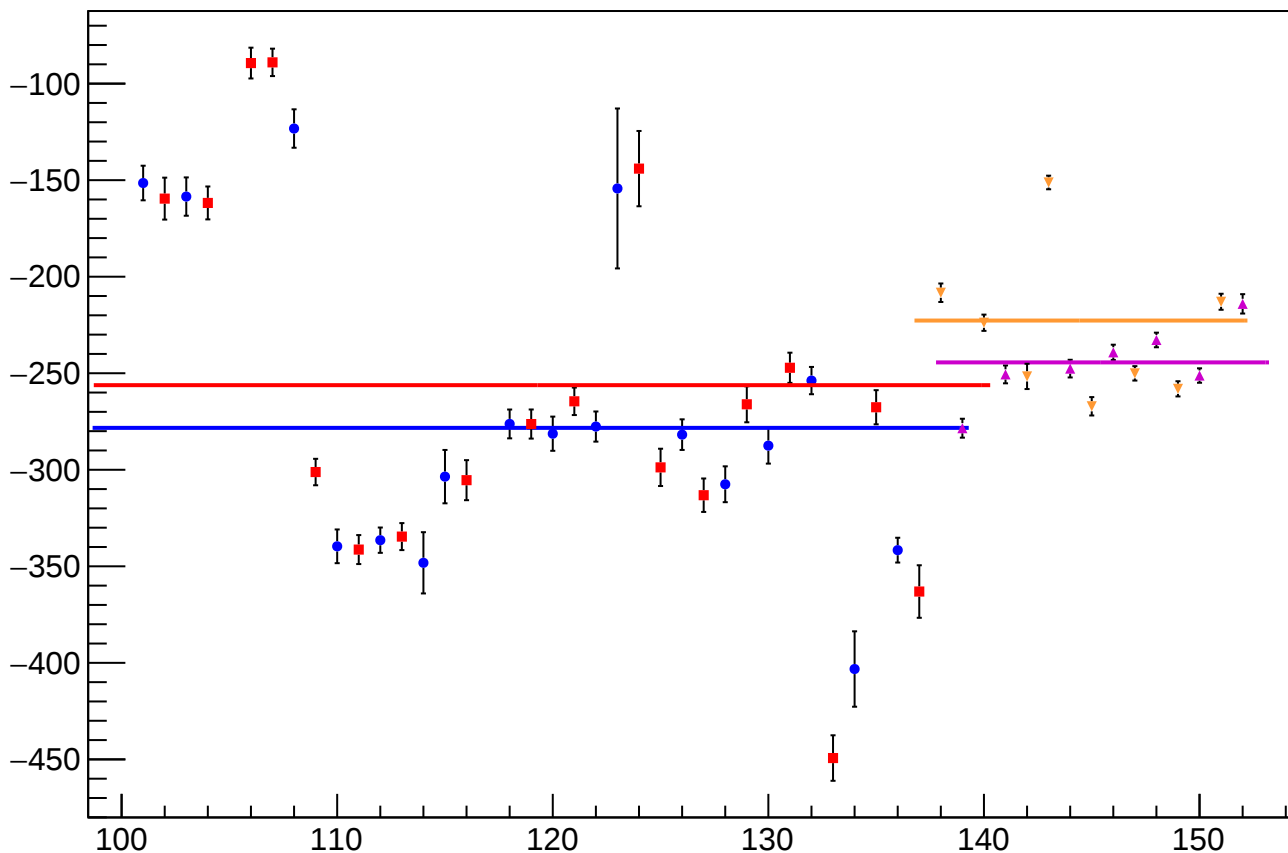
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 5.740 ± 0.786 $\chi^2/\text{NDF}: 645.8/23$

Out: 4.449 ± 0.721 $\chi^2/\text{NDF}: 678.9/25$

All: 5.039 ± 0.531 $\chi^2/\text{NDF}: 1326.1/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -222.707 ± 1.503 $\chi^2/\text{NDF}: 667.1/7$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -244.386 ± 1.620 $\chi^2/\text{NDF}: 101.7/6$

Left: -232.735 ± 1.102 $\chi^2/\text{NDF}: 865.0/14$

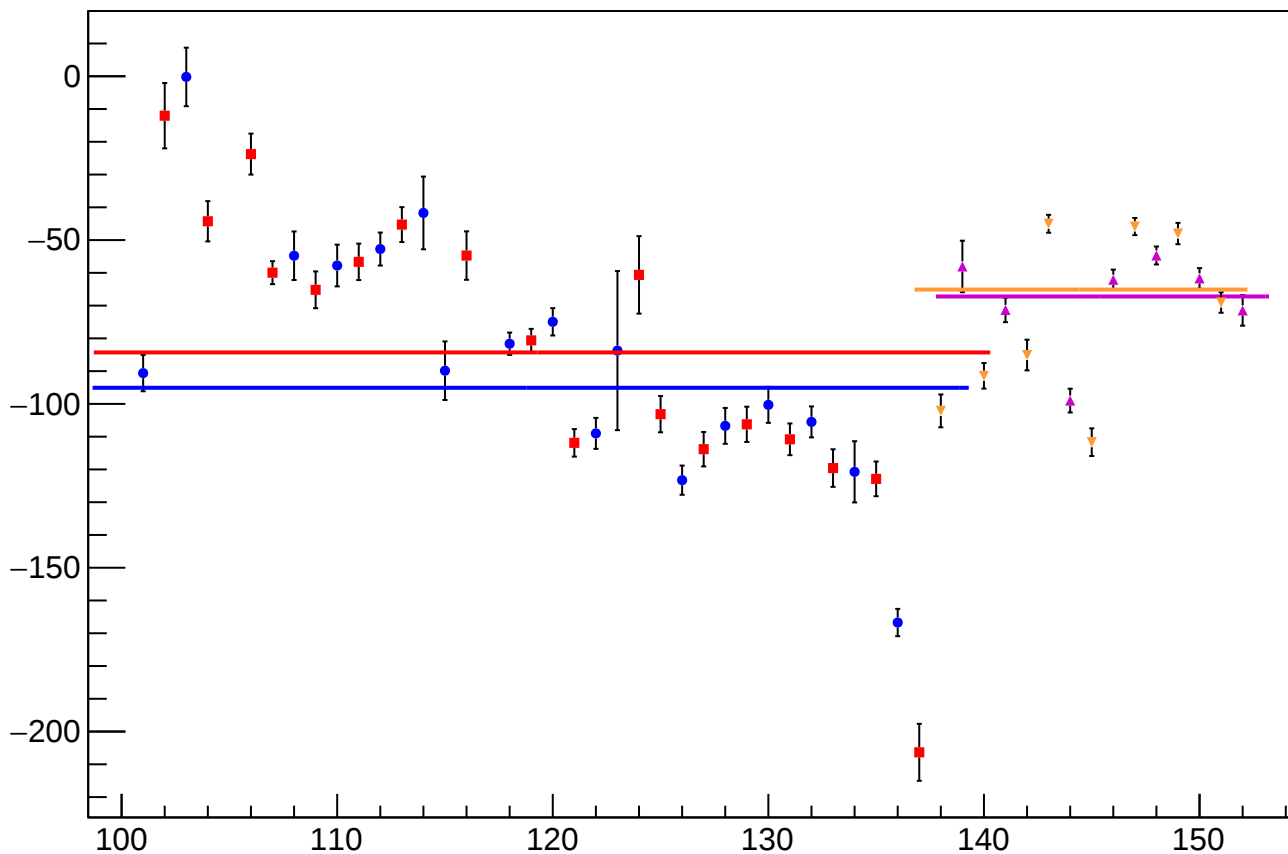
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -256.509 ± 1.299 $\chi^2/\text{NDF}: 1168.2/23$

Out: -234.600 ± 1.207 $\chi^2/\text{NDF}: 2795.4/25$

All: -244.752 ± 0.884 $\chi^2/\text{NDF}: 4116.3/49$

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: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -67.212 ± 1.348 $\chi^2/\text{NDF}: 107.2/6$

Left: -66.045 ± 0.900 $\chi^2/\text{NDF}: 486.0/14$

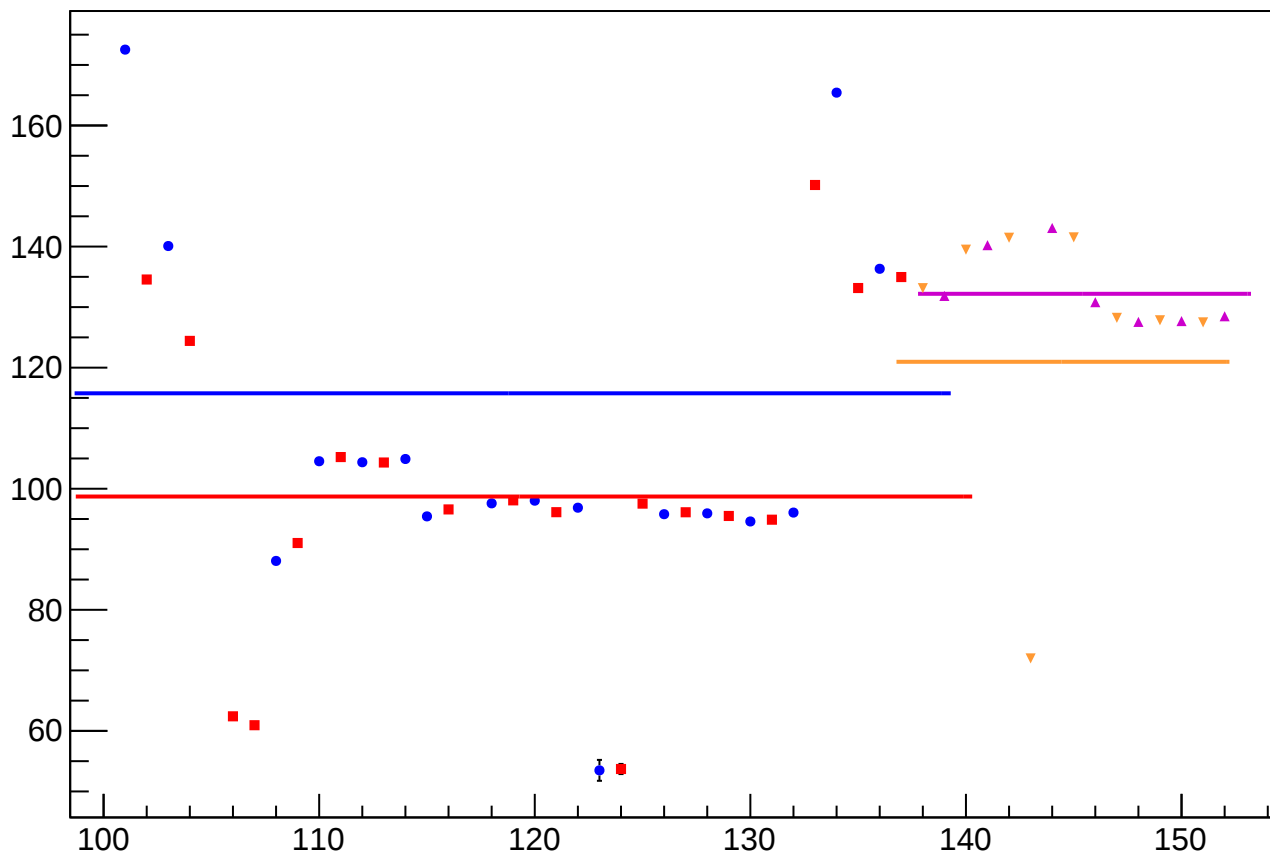
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -81.378 ± 0.945 $\chi^2/\text{NDF}: 997.7/23$

Out: -74.311 ± 0.872 $\chi^2/\text{NDF}: 1267.1/25$

All: -77.559 ± 0.641 $\chi^2/\text{NDF}: 2295.0/49$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 120.968 $\pm$ 0.064 χ^2 /NDF: 156246.8/7

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 132.198 $\pm$ 0.068 χ^2 /NDF: 6825.5/6

Left: 126.243 $\pm$ 0.046 χ^2 /NDF: 177728.0/14

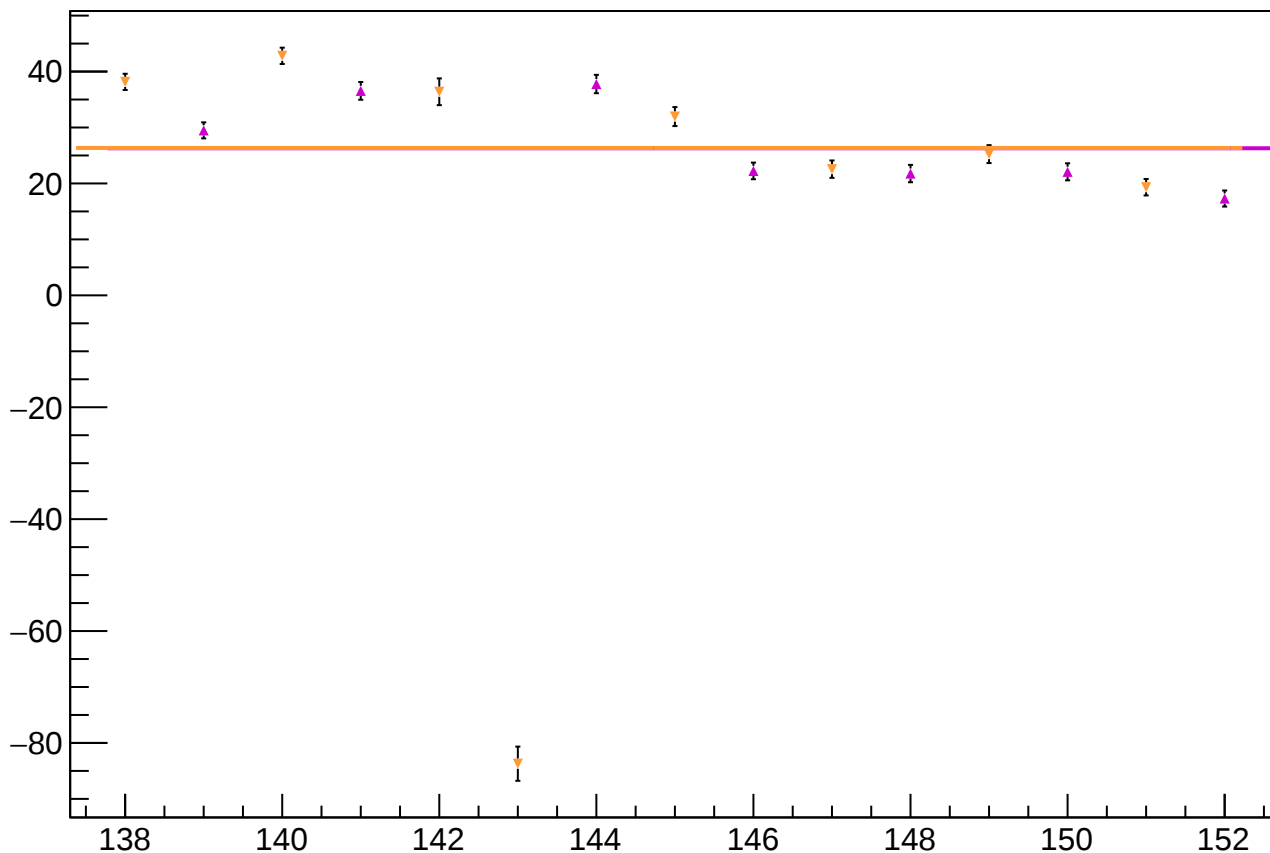
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 125.163 $\pm$ 0.051 χ^2 /NDF: 138461.7/23

Out: 110.702 $\pm$ 0.047 χ^2 /NDF: 382942.6/25

All: 117.280 $\pm$ 0.034 χ^2 /NDF: 565088.1/49

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: 26.287+/-0.573 χ^2/NDF :158.3/6

Left: 26.316+/-0.412 χ^2/NDF : 1706.8/14

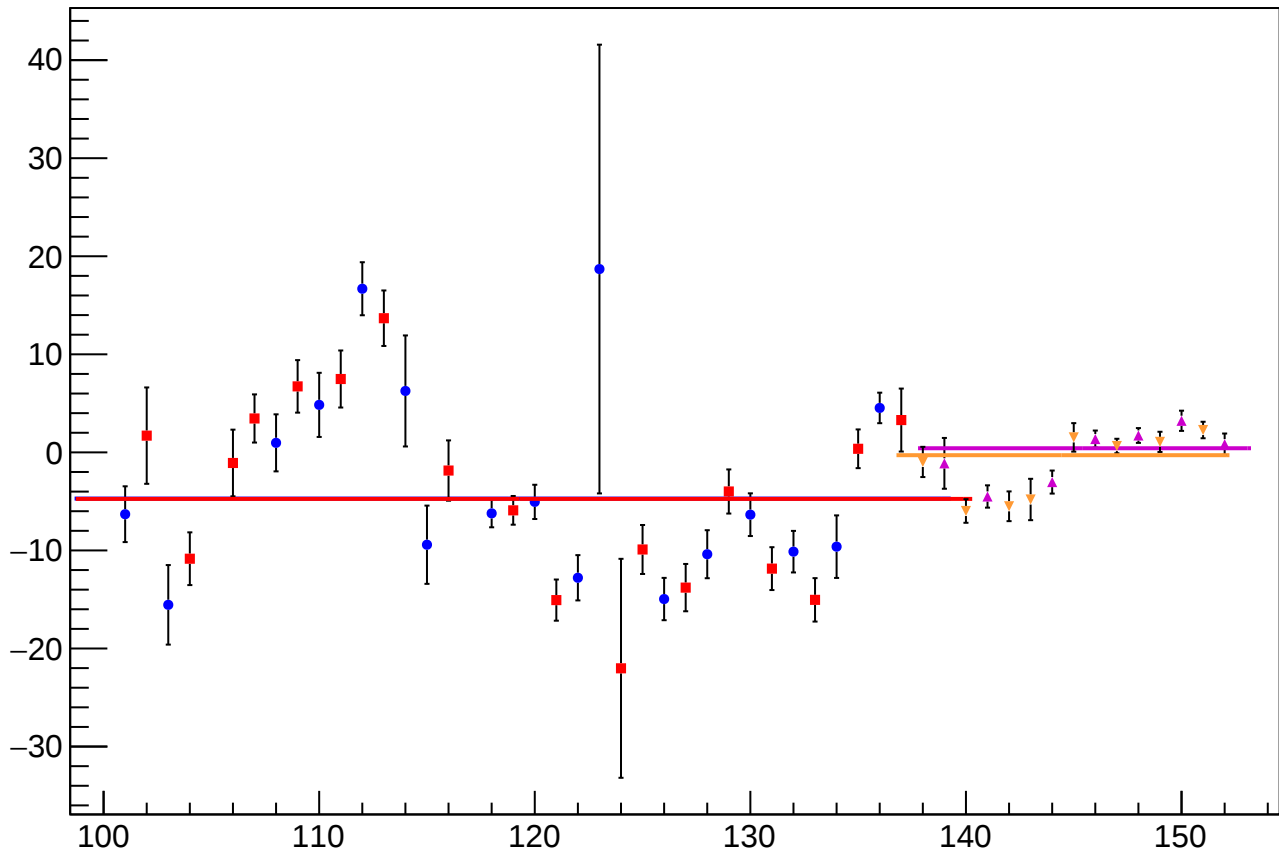
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.287+/-0.573 χ^2/NDF :158.3/6

Out: 26.347+/-0.593 χ^2/NDF :1548.5/7

All: 26.316+/-0.412 χ^2/NDF : 1706.8/14

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.288 ± 0.394 χ^2/NDF : 53.2/7

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: 0.421 ± 0.391 χ^2/NDF : 39.4/6

Left: 0.069 ± 0.278 χ^2/NDF : 94.2/14

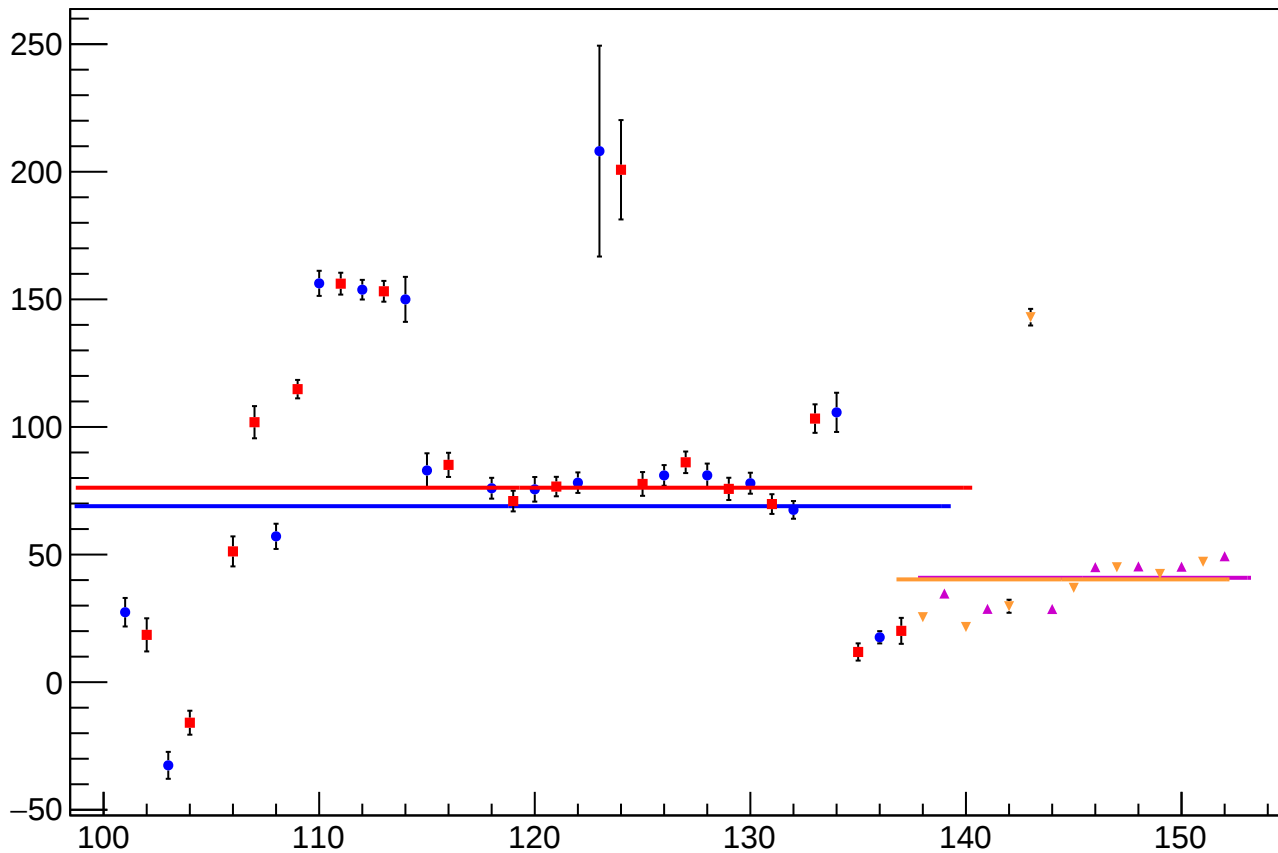
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.183 ± 0.325 χ^2/NDF : 267.8/23

Out: -1.678 ± 0.327 χ^2/NDF : 282.4/25

All: -1.429 ± 0.230 χ^2/NDF : 551.3/49

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.275 $\pm$ 0.597 χ^2 /NDF:1283.5/7

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 40.900 $\pm$ 0.570 χ^2 /NDF:181.3/6

Left: 40.602 $\pm$ 0.412 χ^2 /NDF: 1465.3/14

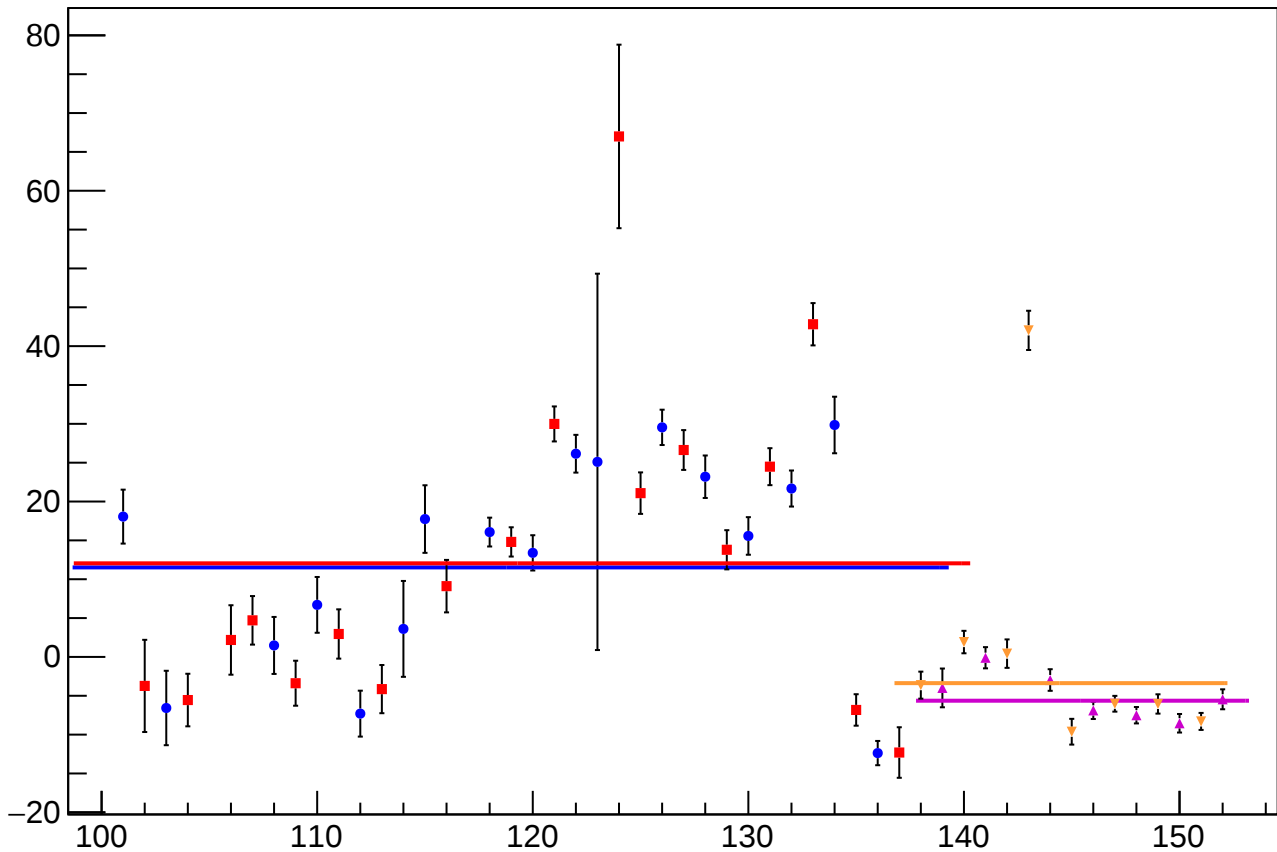
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 47.018 $\pm$ 0.504 χ^2 /NDF:2554.2/23

Out: 48.786 $\pm$ 0.521 χ^2 /NDF:4023.0/25

All: 47.872 $\pm$ 0.362 χ^2 /NDF: 6583.1/49

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 χ^2/NDF : 477.2/16

Left Out: -3.374 ± 0.495 χ^2/NDF : 387.0/7

Right Out: 12.046 ± 0.665 χ^2/NDF : 538.7/17

Left In: -5.635 ± 0.486 χ^2/NDF : 30.8/6

Left: -4.525 ± 0.347 χ^2/NDF : 428.4/14

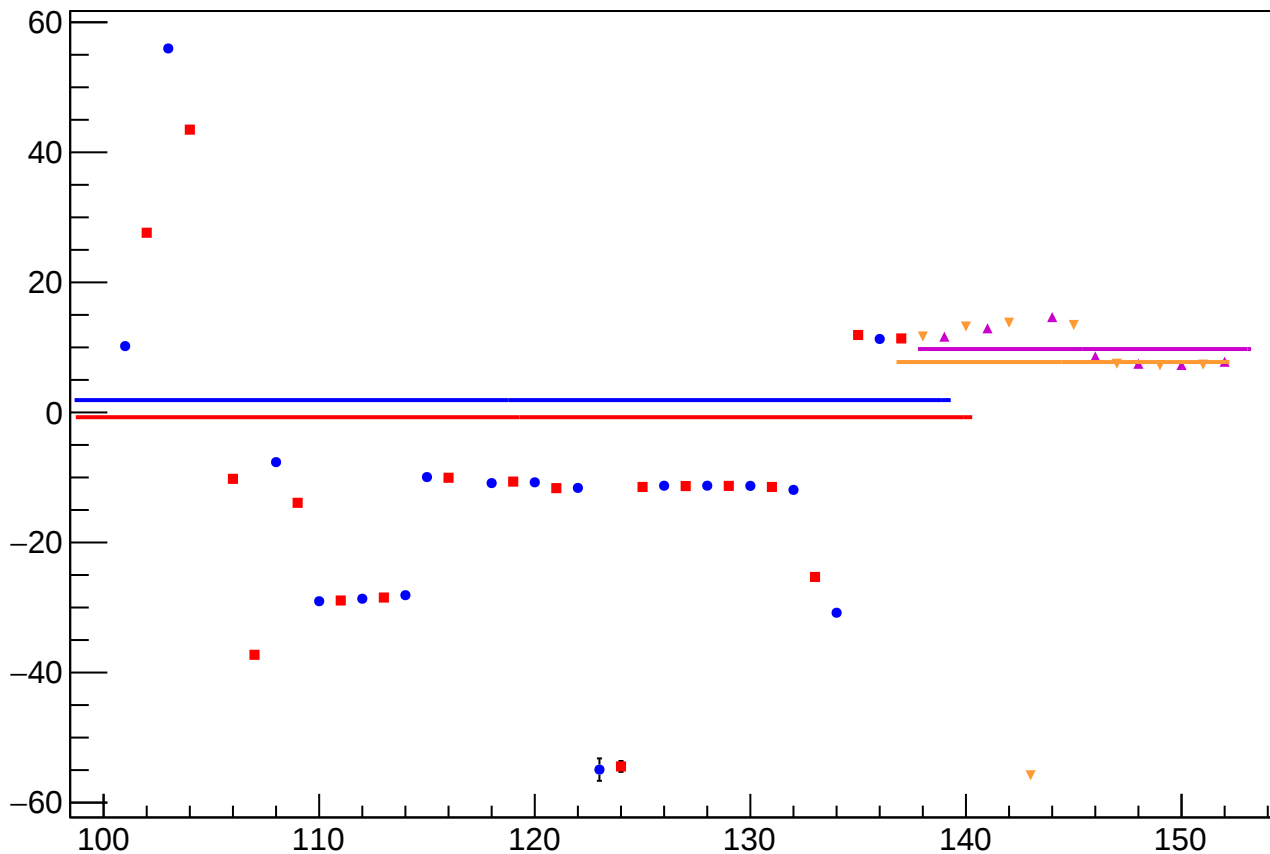
Right: 11.782 ± 0.468 χ^2/NDF : 1016.2/34

In: 0.400 ± 0.391 χ^2/NDF : 946.3/23

Out: 2.129 ± 0.397 χ^2/NDF : 1272.0/25

All: 1.252 ± 0.279 χ^2/NDF : 2227.9/49

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 $\chi^2/\text{NDF}: 358855.7/16$

Left Out: 7.751 ± 0.025 $\chi^2/\text{NDF}: 256171.4/7$

Right Out: -0.733 ± 0.037 $\chi^2/\text{NDF}: 359934.4/17$

Left In: 9.751 ± 0.024 $\chi^2/\text{NDF}: 12028.8/6$

Left: 8.822 ± 0.017 $\chi^2/\text{NDF}: 271559.5/14$

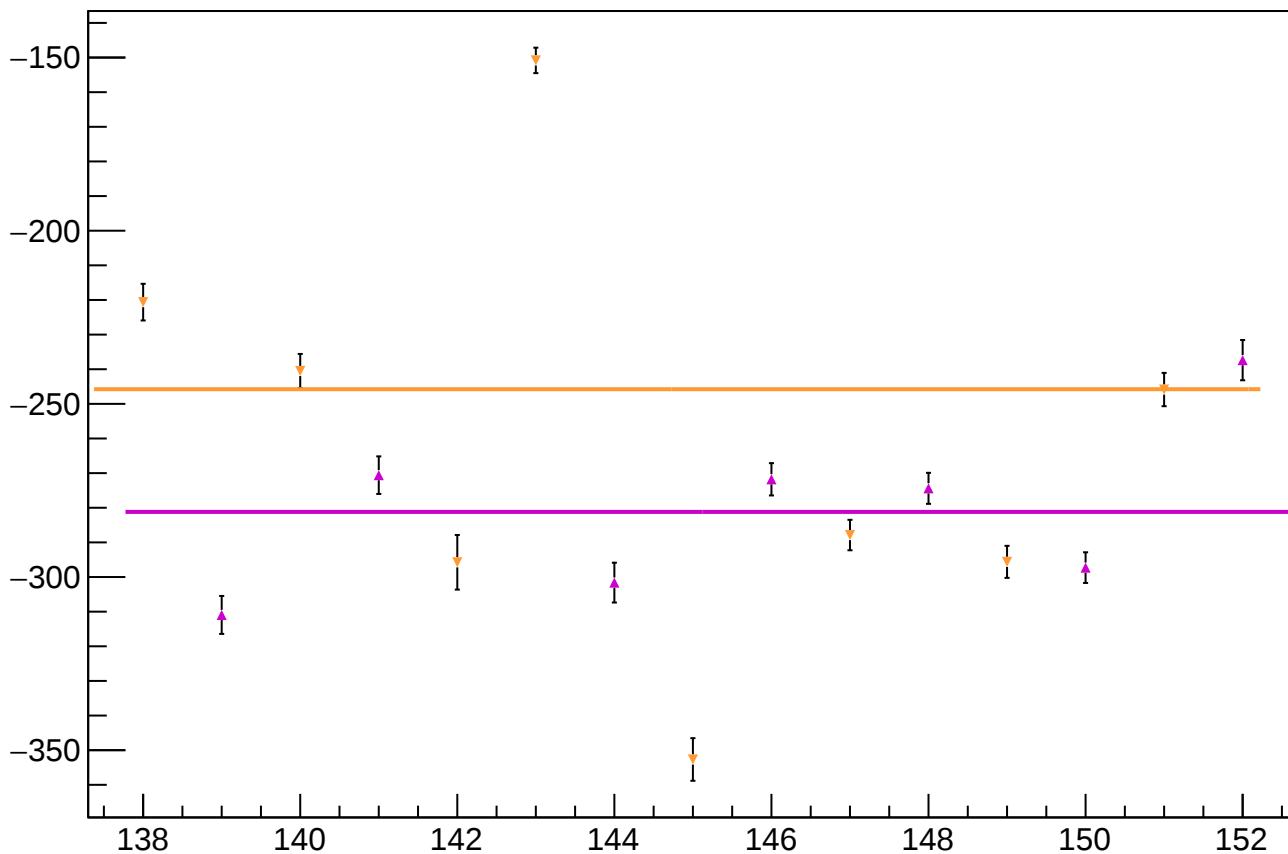
Right: 0.584 ± 0.026 $\chi^2/\text{NDF}: 721303.3/34$

In: 7.495 ± 0.020 $\chi^2/\text{NDF}: 402934.7/23$

Out: 5.066 ± 0.021 $\chi^2/\text{NDF}: 651825.9/25$

All: 6.341 ± 0.014 $\chi^2/\text{NDF}: 1061863.1/49$

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: -281.196+/-1.911 χ^2/NDF :122.2/6

Left: -261.698+/-1.281 χ^2/NDF : 1552.0/14

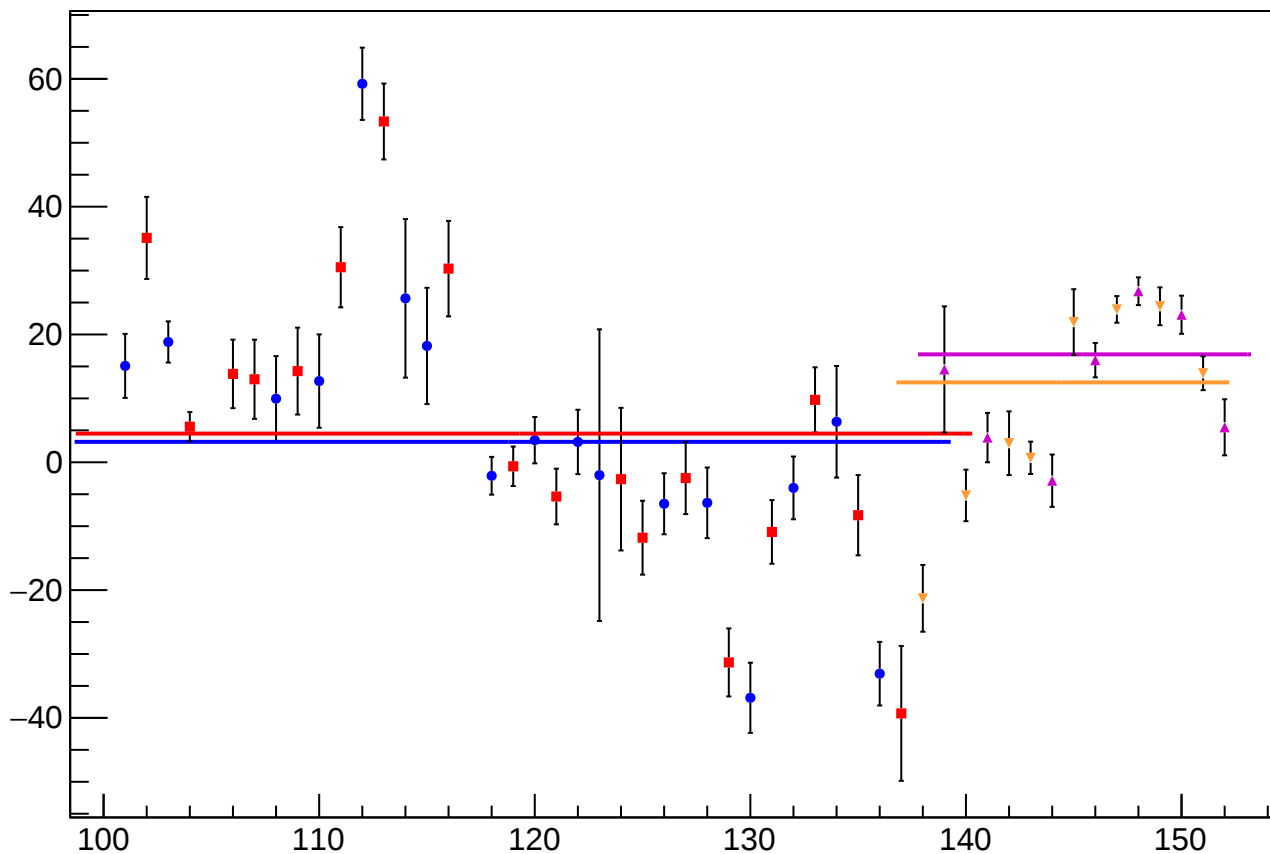
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.196+/-1.911 χ^2/NDF :122.2/6

Out: -245.768+/-1.727 χ^2/NDF :1240.6/7

All: -261.698+/-1.281 χ^2/NDF : 1552.0/14

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 12.504 ± 1.104 χ^2/NDF : 136.5/7

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 16.888 ± 1.239 χ^2/NDF : 66.7/6

Left: 14.444 ± 0.824 χ^2/NDF : 210.1/14

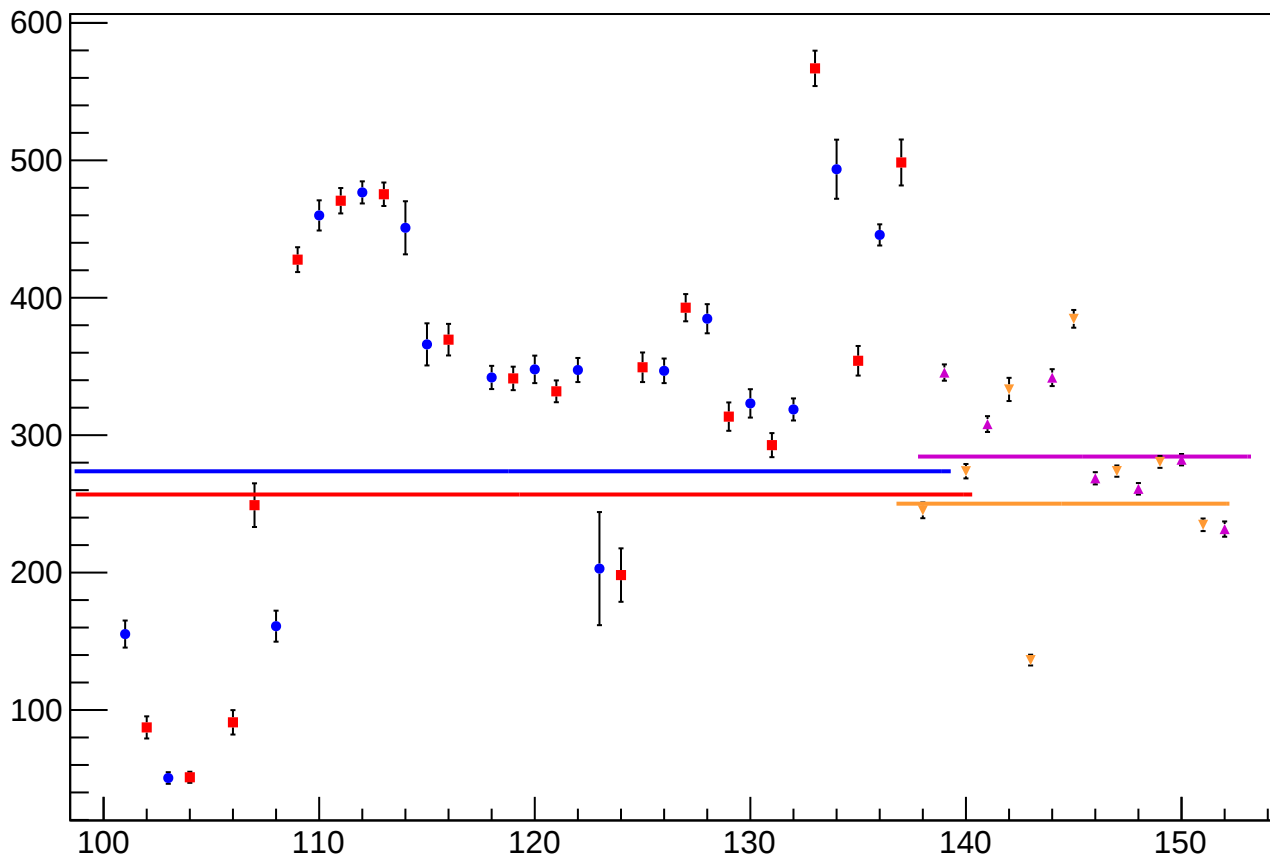
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 9.979 ± 0.872 χ^2/NDF : 383.4/23

Out: 8.689 ± 0.799 χ^2/NDF : 383.3/25

All: 9.278 ± 0.589 χ^2/NDF : 767.9/49

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: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 284.437 $\pm$ 1.881 χ^2 /NDF:343.9/6

Left: 265.956 $\pm$ 1.277 χ^2 /NDF: 2012.0/14

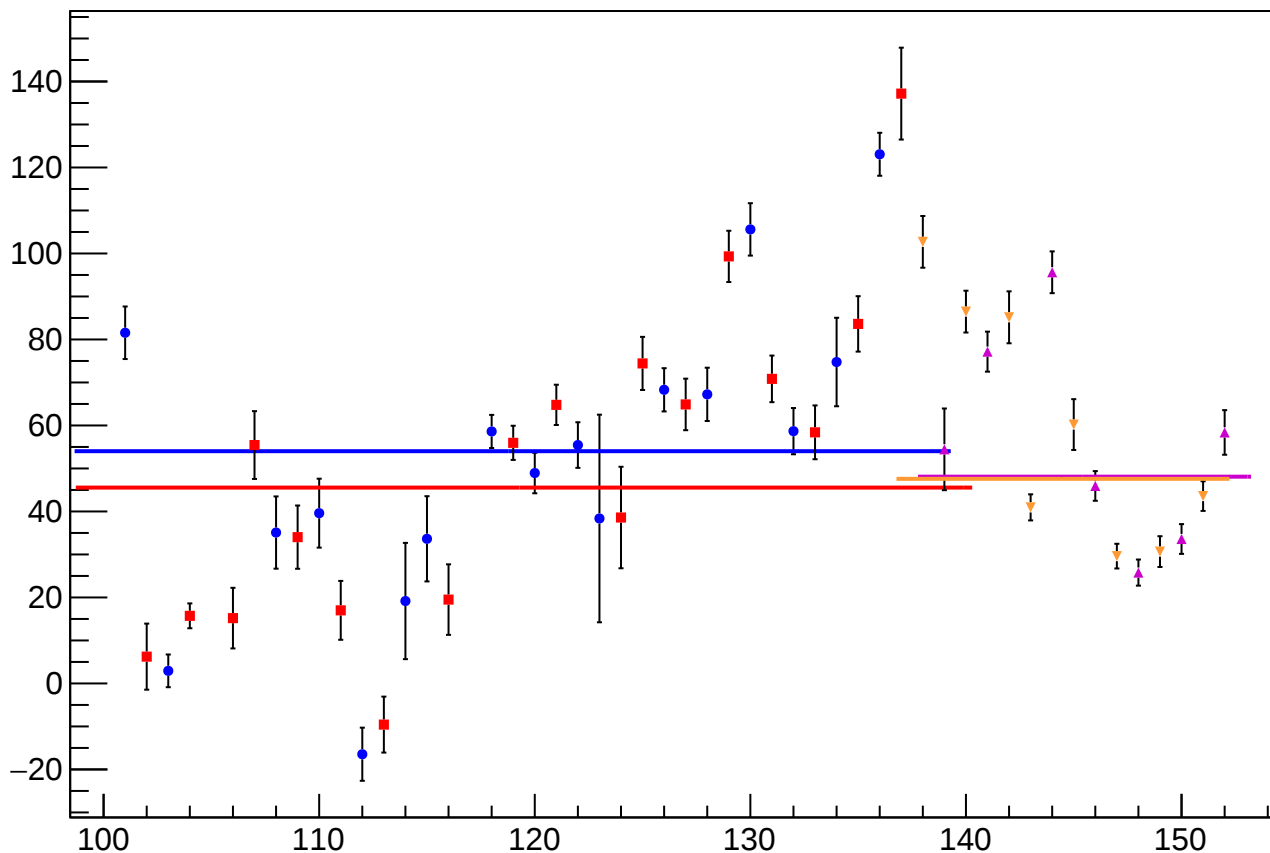
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 279.896 $\pm$ 1.428 χ^2 /NDF:5461.0/23

Out: 252.892 $\pm$ 1.335 χ^2 /NDF:7906.8/25

All: 265.488 $\pm$ 0.975 χ^2 /NDF: 13558.6/49

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: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 48.092 $\pm$ 1.557 χ^2 /NDF:211.0/6

Left: 47.812 $\pm$ 1.037 χ^2 /NDF: 470.0/14

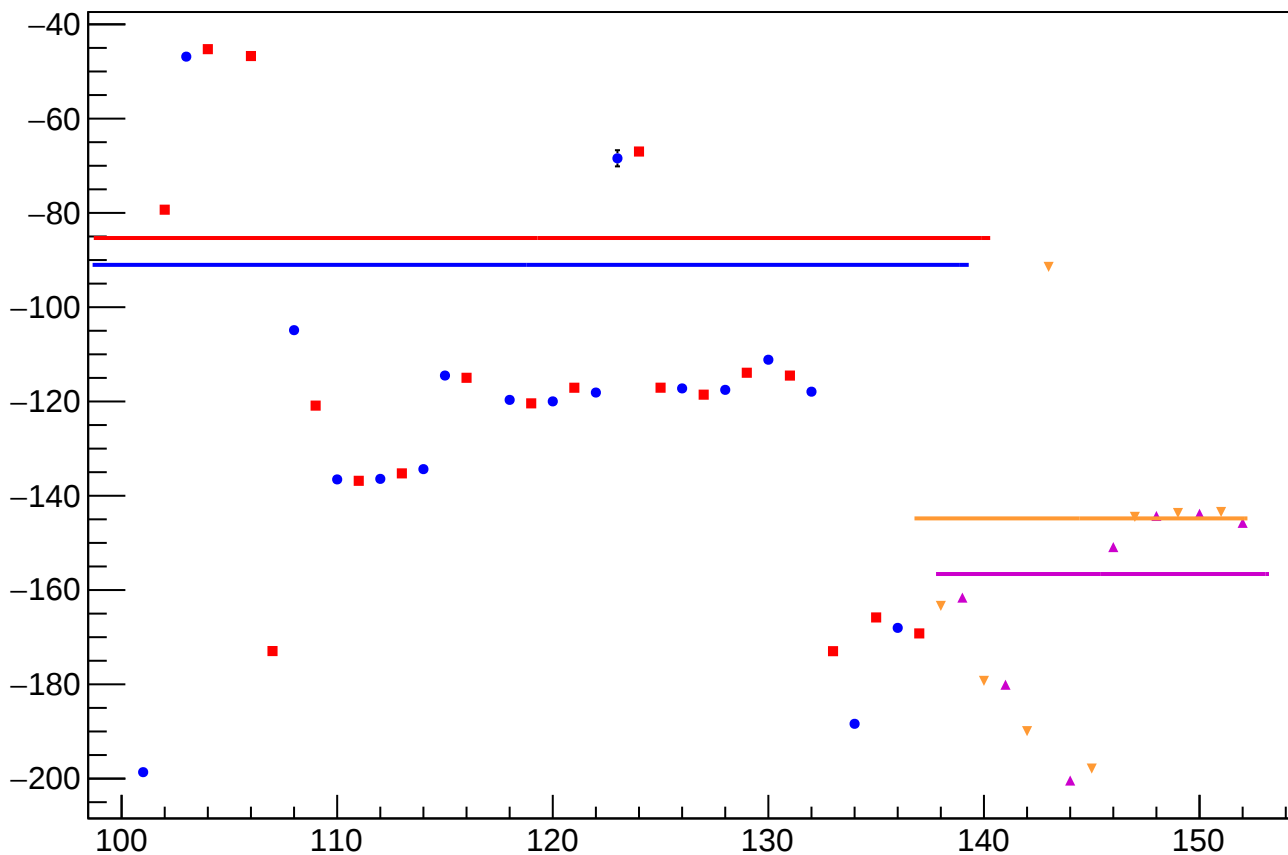
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 51.319 $\pm$ 1.050 χ^2 /NDF:851.8/23

Out: 46.547 $\pm$ 0.971 χ^2 /NDF:786.6/25

All: 48.746 $\pm$ 0.713 χ^2 /NDF: 1649.5/49

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: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -156.599+/-0.079 χ^2/NDF : 50225.8/6

Left: -150.341+/-0.054 χ^2/NDF : 266718.3/14

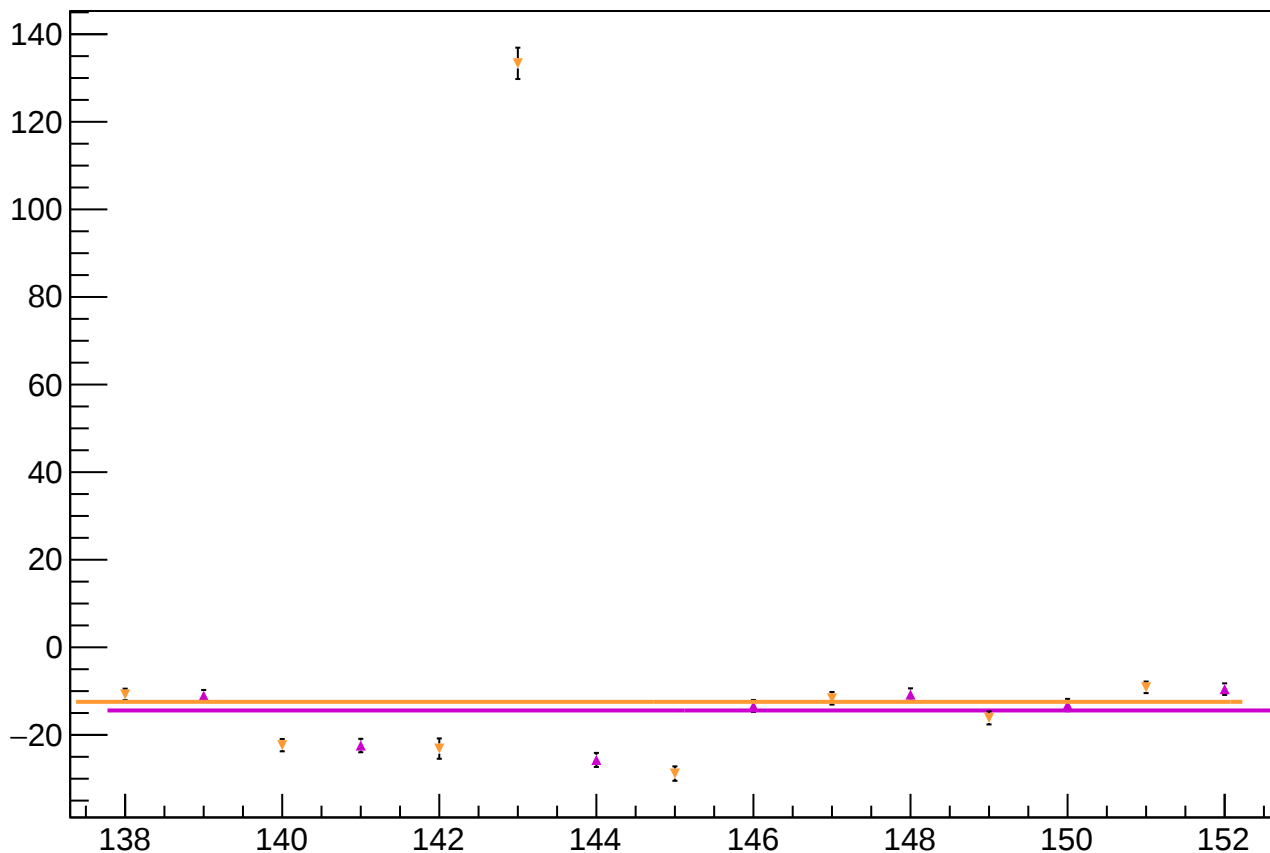
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -118.896+/-0.051 χ^2/NDF : 984720.6/23

Out: -111.327+/-0.049 χ^2/NDF : 1051883.2/25

All: -114.934+/-0.035 χ^2/NDF : 2048025.6/49

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: -14.419+/-0.534 χ^2/NDF :104.6/6

Left: -13.475+/-0.386 χ^2/NDF : 1951.9/14

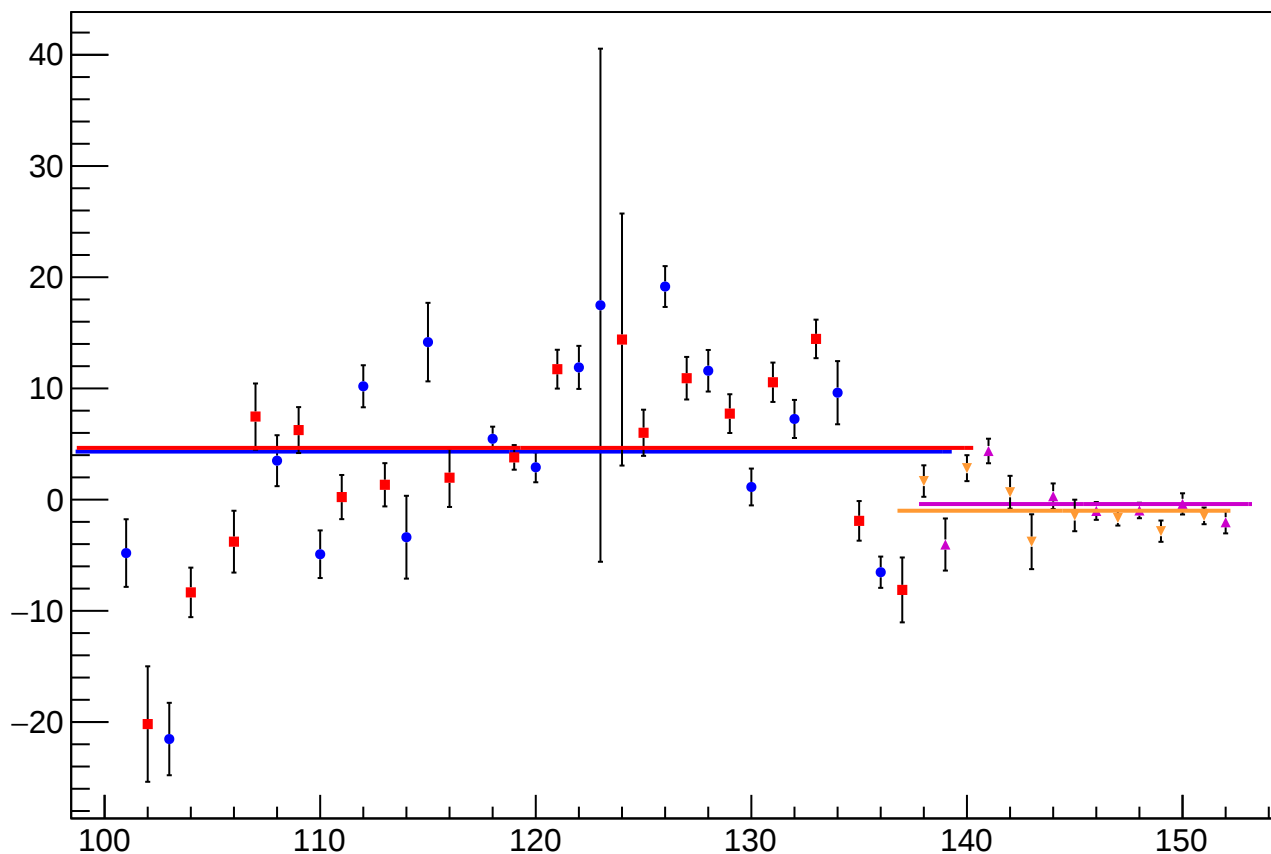
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.419+/-0.534 χ^2/NDF :104.6/6

Out: -12.449+/-0.557 χ^2/NDF :1840.8/7

All: -13.475+/-0.386 χ^2/NDF : 1951.9/14

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -0.695 +/- 0.259 χ^2/NDF : 48.7/14
 Right: 4.484 +/- 0.332 χ^2/NDF : 465.0/34

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: 4.653 +/- 0.474 χ^2/NDF : 184.4/17

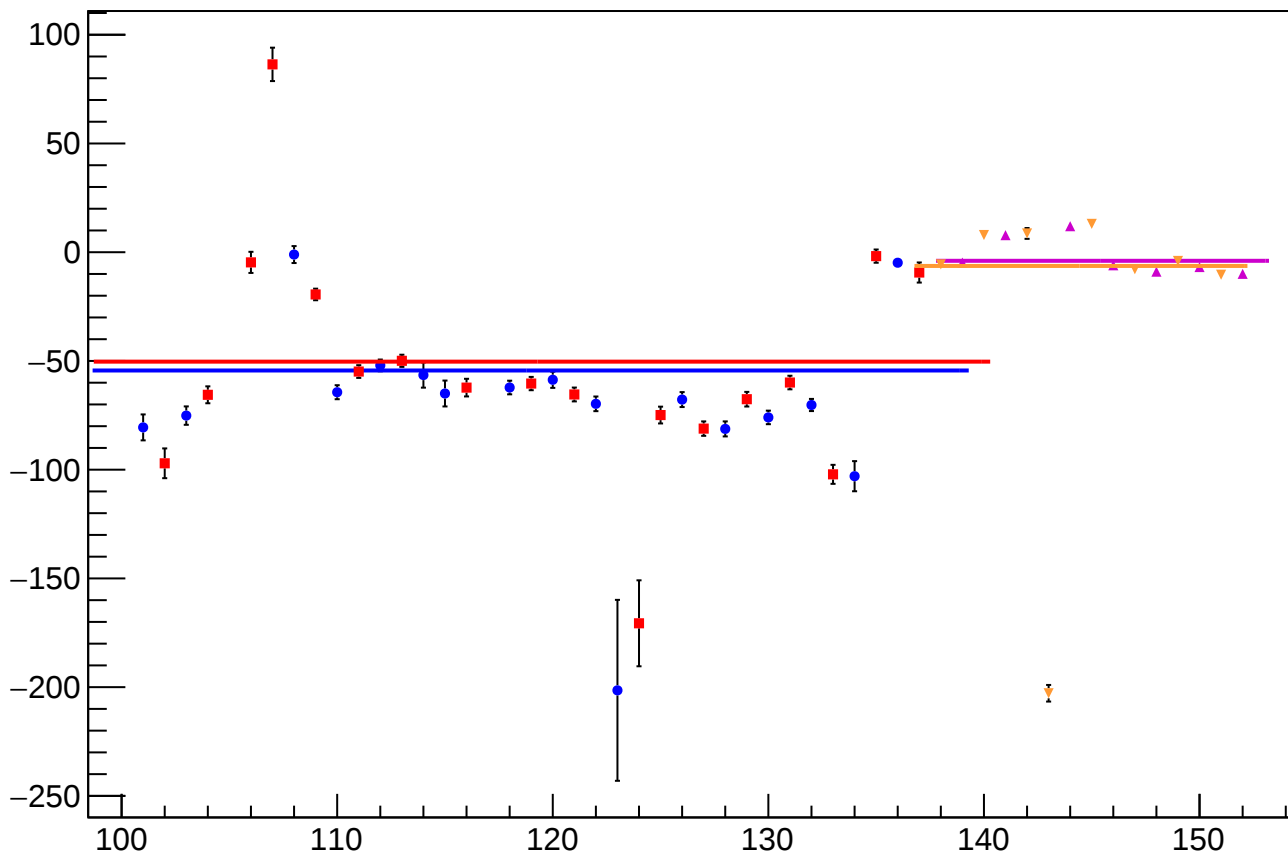
Left In: -0.397 +/- 0.366 χ^2/NDF : 25.4/6

In: 1.404 +/- 0.287 χ^2/NDF : 369.3/23

Out: 1.128 +/- 0.291 χ^2/NDF : 295.0/25

All: 1.267 +/- 0.204 χ^2/NDF : 664.8/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -6.314 $\pm$ 0.559 χ^2 /NDF:2913.8/7

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -3.948 $\pm$ 0.530 χ^2 /NDF:181.3/6

Left: -5.069 $\pm$ 0.385 χ^2 /NDF: 3104.6/14

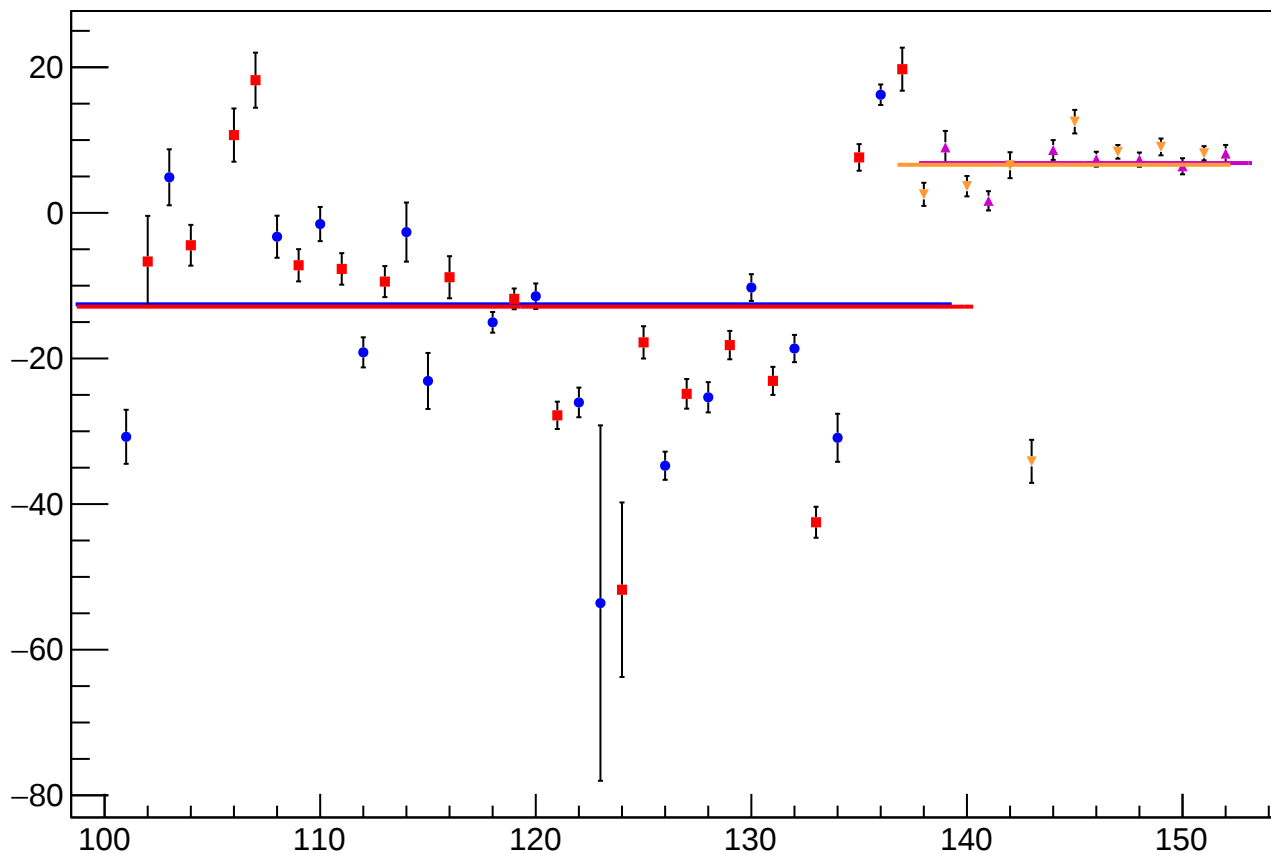
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -17.733 $\pm$ 0.452 χ^2 /NDF:3669.2/23

Out: -19.409 $\pm$ 0.468 χ^2 /NDF:6079.2/25

All: -18.541 $\pm$ 0.325 χ^2 /NDF: 9755.0/49

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: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.845 ± 0.454 χ^2/NDF : 19.9/6

Left: 6.728 ± 0.324 χ^2/NDF : 245.0/14

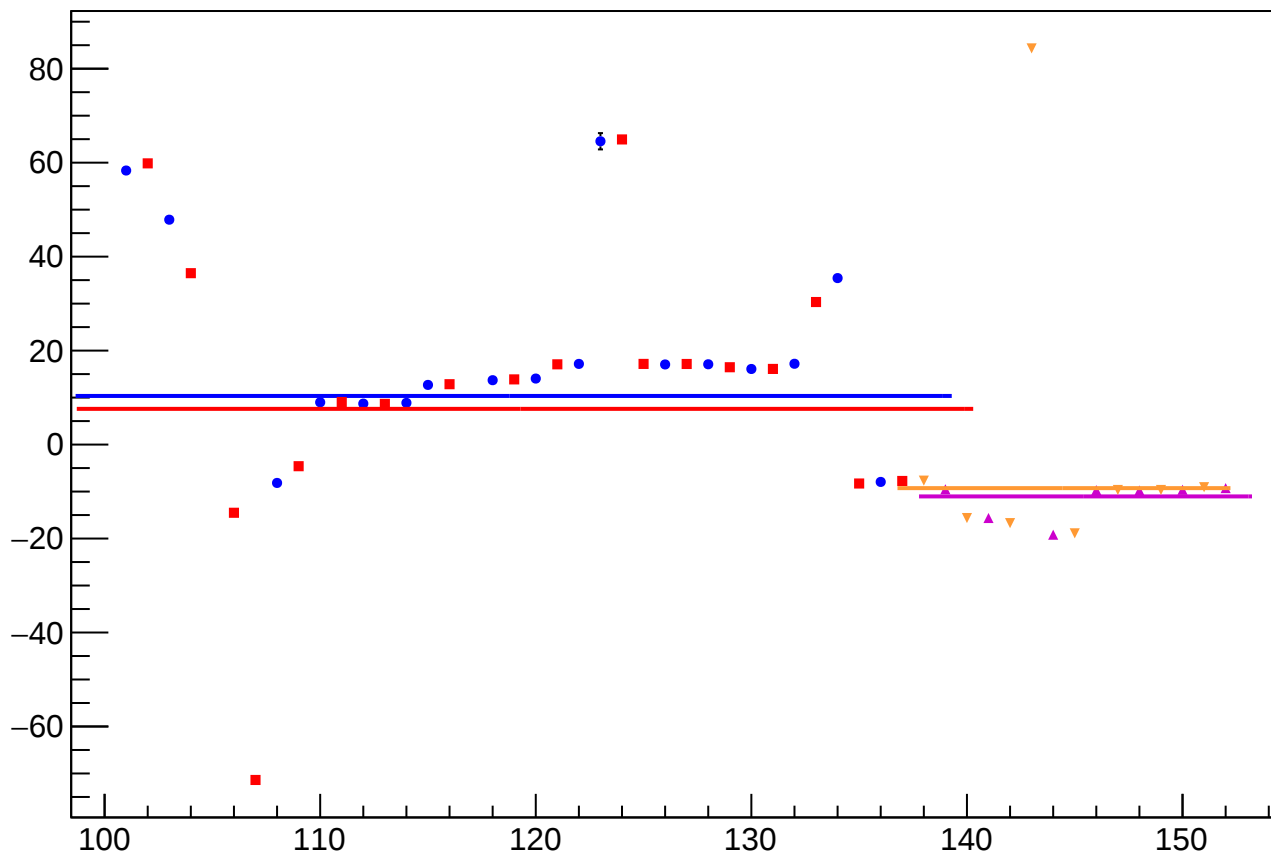
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -1.344 ± 0.345 χ^2/NDF : 1570.1/23

Out: -1.690 ± 0.351 χ^2/NDF : 1704.3/25

All: -1.514 ± 0.246 χ^2/NDF : 3274.8/49

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 $\chi^2/\text{NDF}: 380878.9/16$

Left Out: -9.272 ± 0.024 $\chi^2/\text{NDF}: 407055.8/7$

Right Out: 7.602 ± 0.031 $\chi^2/\text{NDF}: 538460.3/17$

Left In: -11.033 ± 0.022 $\chi^2/\text{NDF}: 20360.3/6$

Left: -10.222 ± 0.016 $\chi^2/\text{NDF}: 430407.5/14$

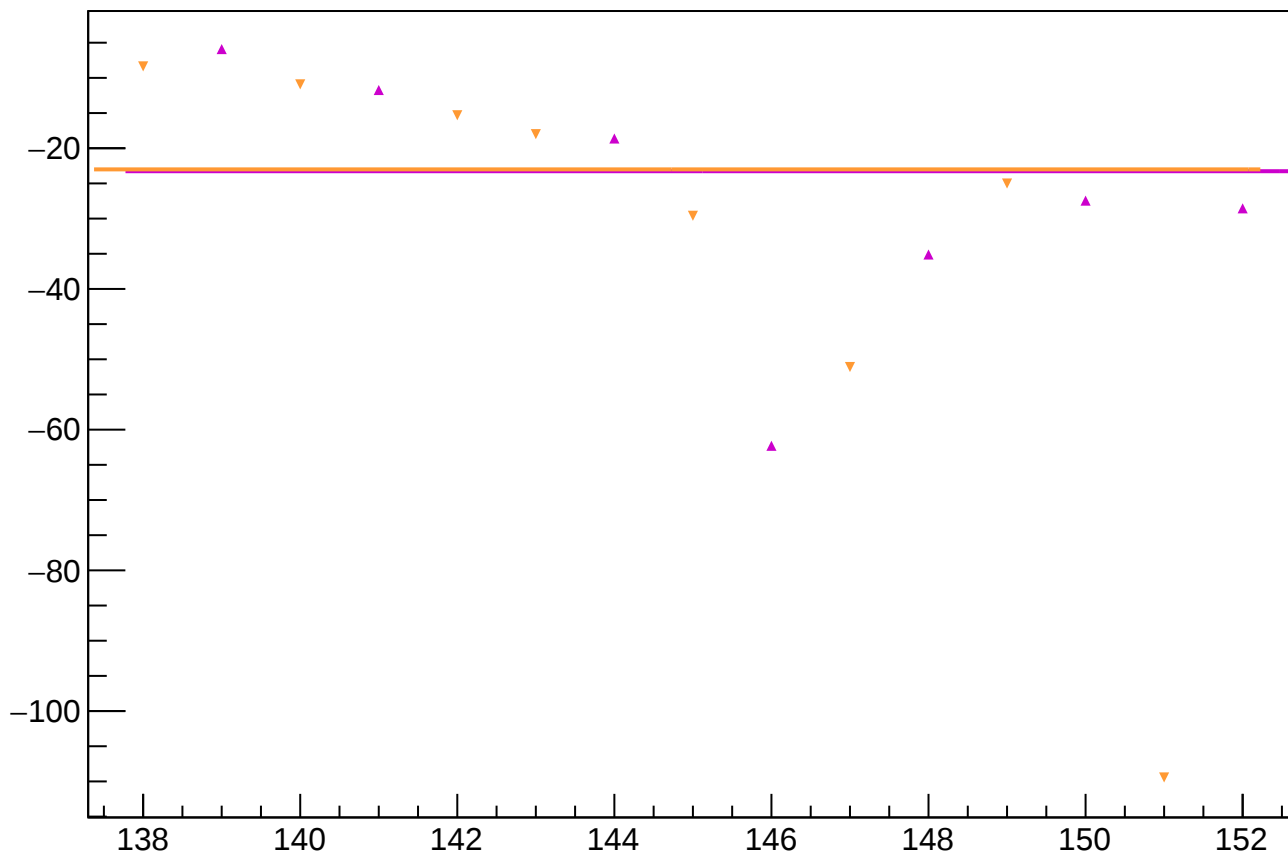
Right: 9.008 ± 0.022 $\chi^2/\text{NDF}: 923283.8/34$

In: -3.805 ± 0.018 $\chi^2/\text{NDF}: 724911.5/23$

Out: -3.137 ± 0.019 $\chi^2/\text{NDF}: 1130553.7/25$

All: -3.491 ± 0.013 $\chi^2/\text{NDF}: 1856130.3/49$

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: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Left: -23.145+/-0.068 χ^2/NDF : 77339.8/14

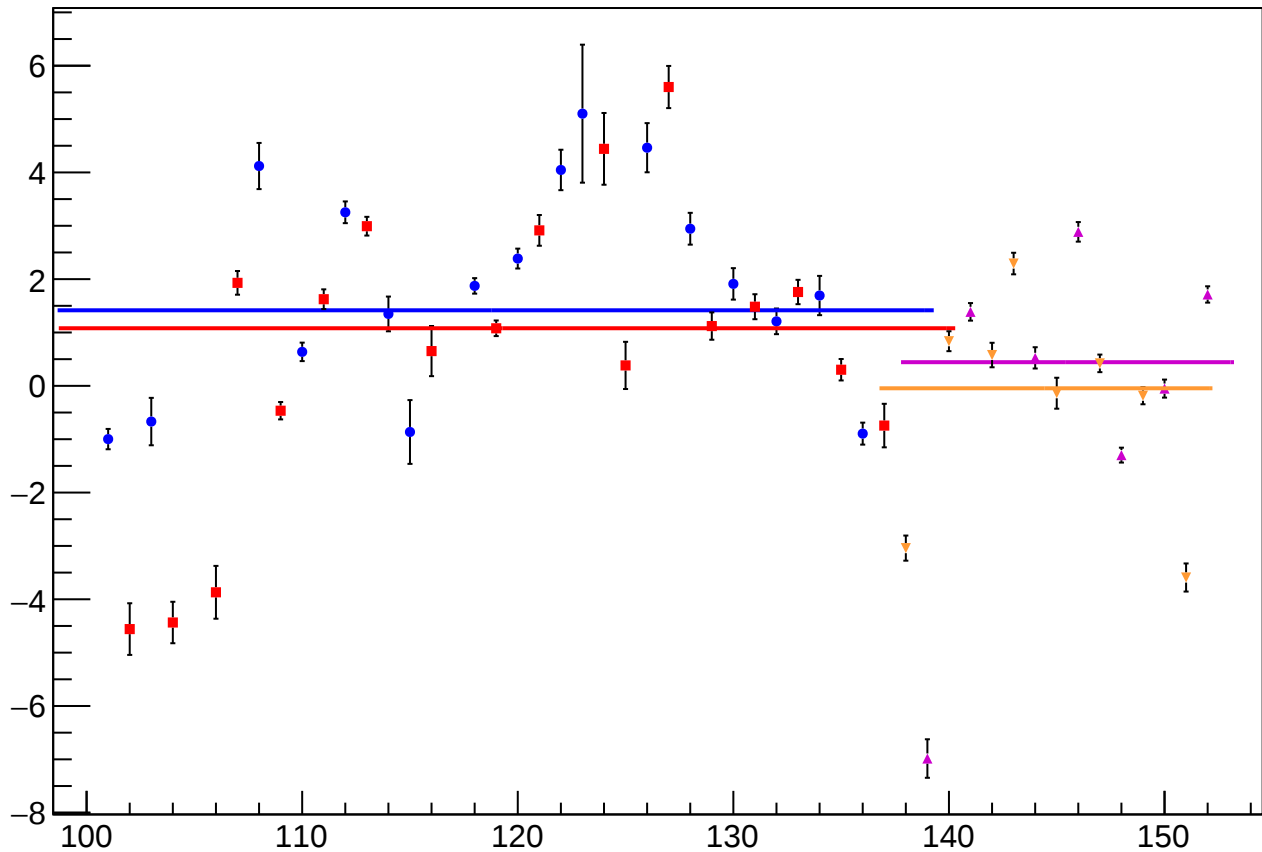
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Out: -23.006+/-0.100 χ^2/NDF : 48883.7/7

All: -23.145+/-0.068 χ^2/NDF : 77339.8/14

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: -0.046 $\pm$ 0.072 χ^2 /NDF:515.7/7

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 0.444 $\pm$ 0.066 χ^2 /NDF:866.2/6

Left: 0.220 $\pm$ 0.049 χ^2 /NDF: 1407.0/14

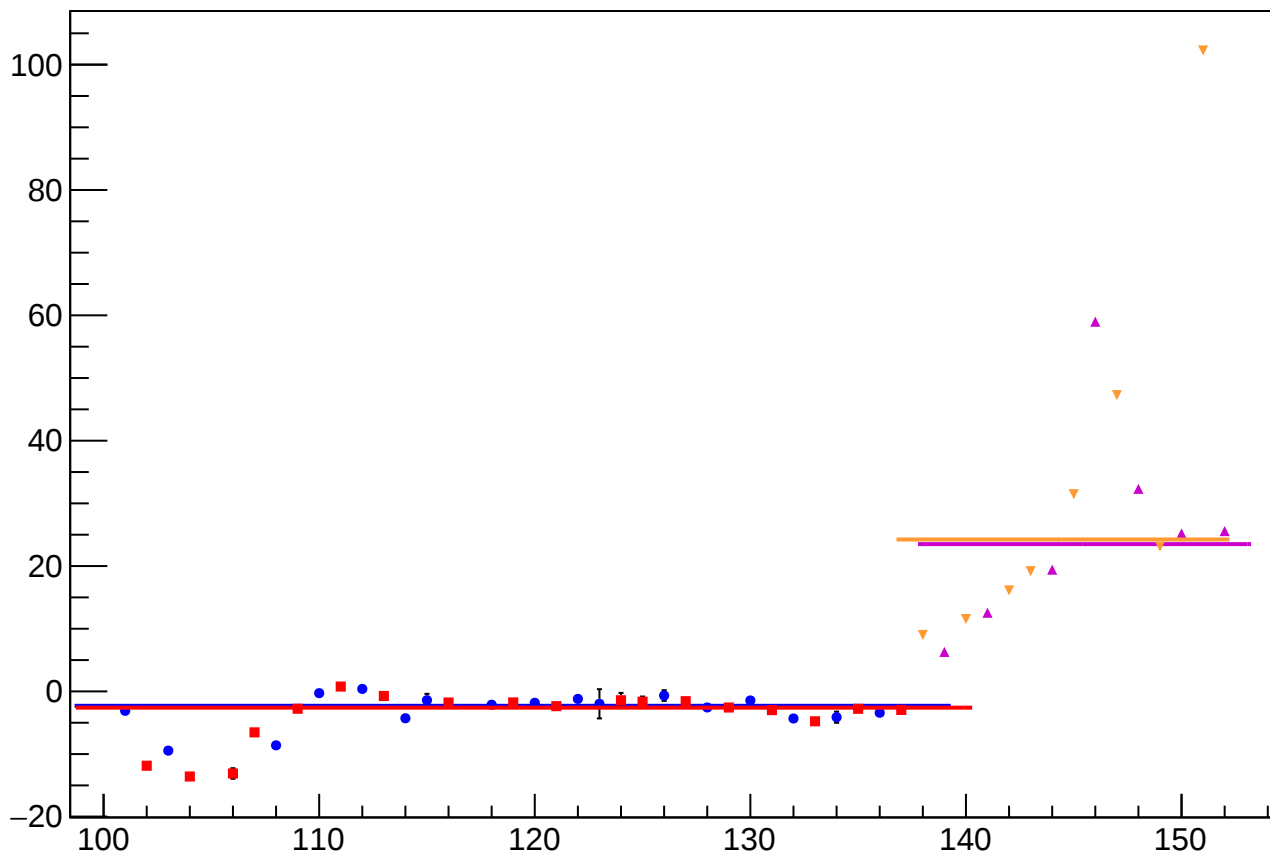
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 0.968 $\pm$ 0.045 χ^2 /NDF:1613.9/23

Out: 0.636 $\pm$ 0.045 χ^2 /NDF:1579.4/25

All: 0.803 $\pm$ 0.032 χ^2 /NDF: 3220.3/49

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.238 ± 0.103 χ^2/NDF : 43451.1/7

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 23.499 ± 0.093 χ^2/NDF : 23833.3/6

Left: 23.833 ± 0.069 χ^2/NDF : 67312.9/14

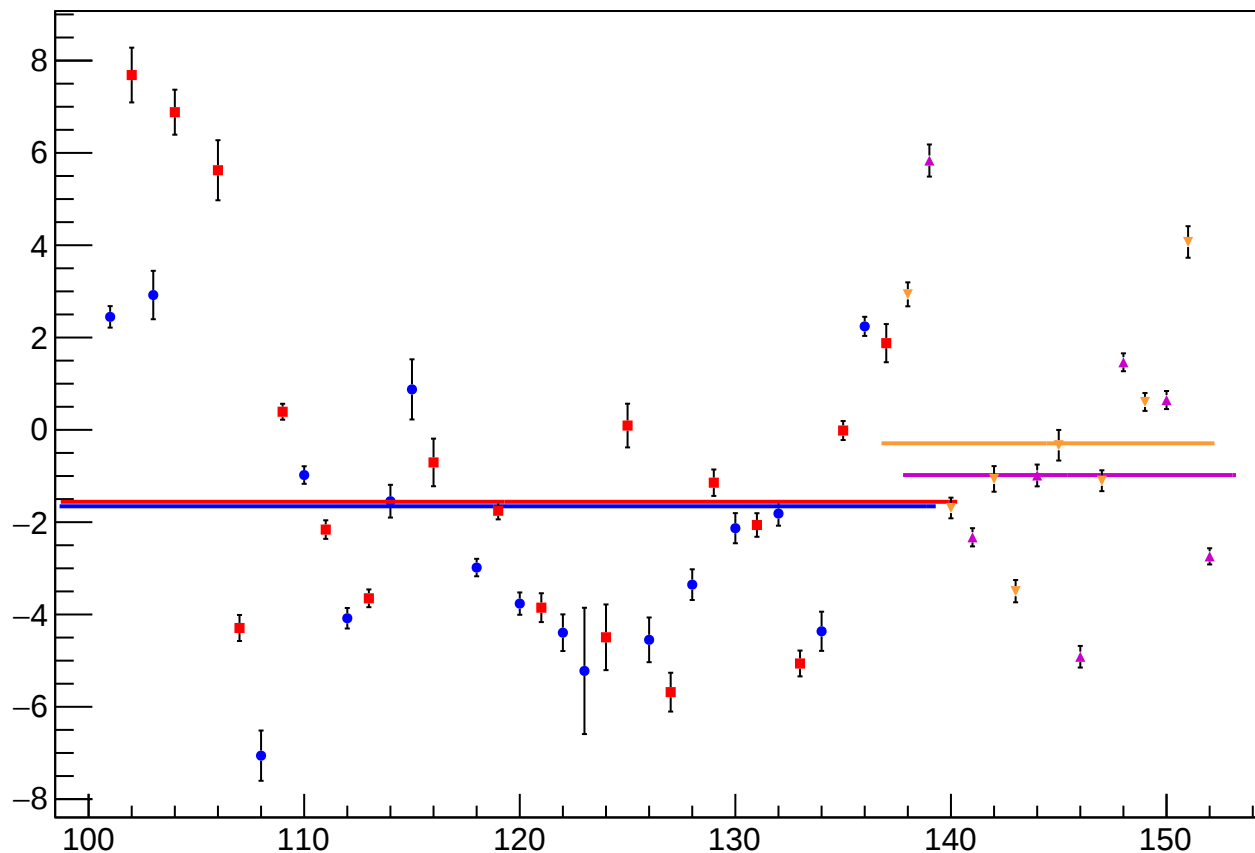
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 12.843 ± 0.071 χ^2/NDF : 56072.3/23

Out: 10.385 ± 0.071 χ^2/NDF : 79680.8/25

All: 11.616 ± 0.050 χ^2/NDF : 136347.7/49

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -0.292 ± 0.088 χ^2/NDF : 574.7/7

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.979 ± 0.080 χ^2/NDF : 1041.1/6

Left: -0.668 ± 0.059 χ^2/NDF : 1649.1/14

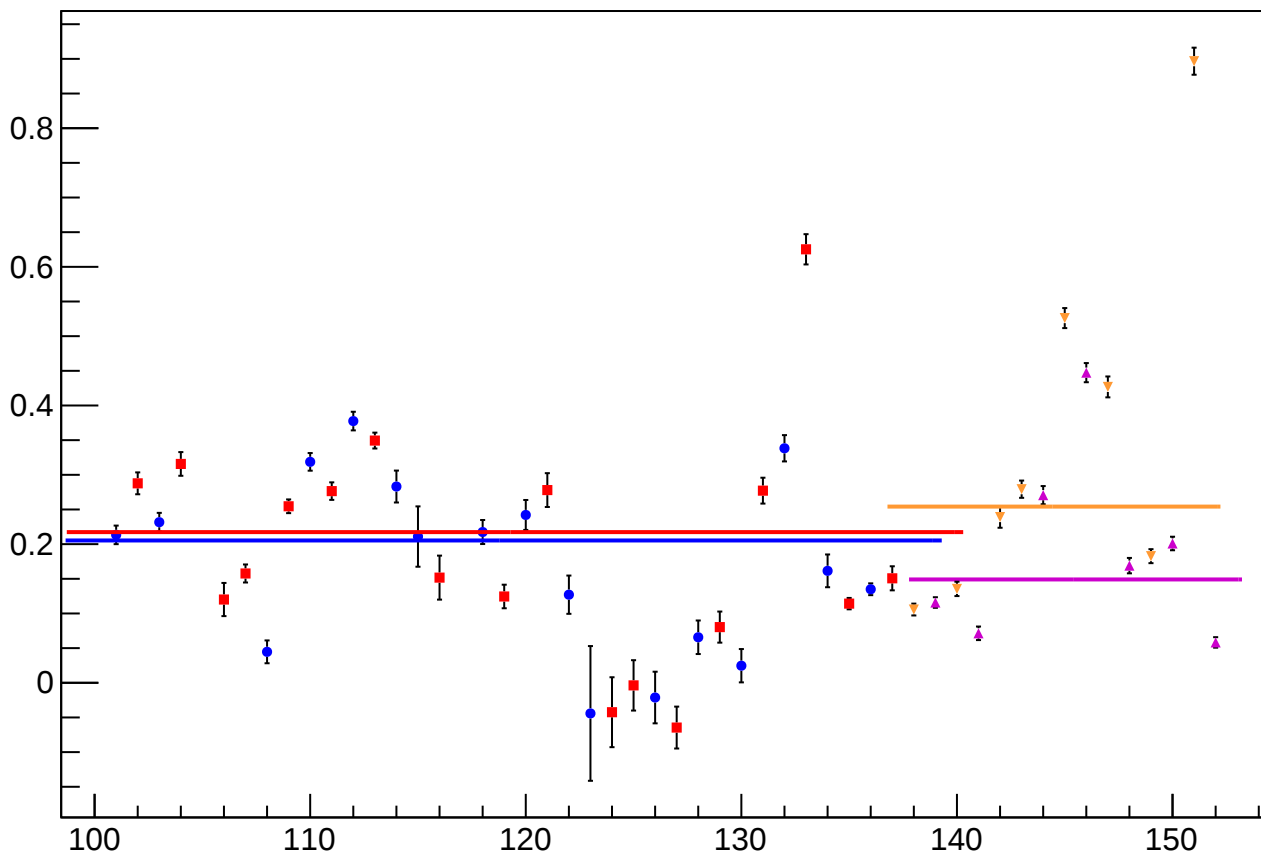
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.362 ± 0.053 χ^2/NDF : 2352.4/23

Out: -1.105 ± 0.053 χ^2/NDF : 2192.2/25

All: -1.233 ± 0.037 χ^2/NDF : 4556.4/49

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 0.254 ± 0.004 $\chi^2/\text{NDF}: 2058.2/7$

Right Out: 0.217 ± 0.004 $\chi^2/\text{NDF}: 1019.4/17$

Left In: 0.149 ± 0.004 $\chi^2/\text{NDF}: 809.5/6$

Left: 0.194 ± 0.003 $\chi^2/\text{NDF}: 3218.9/14$

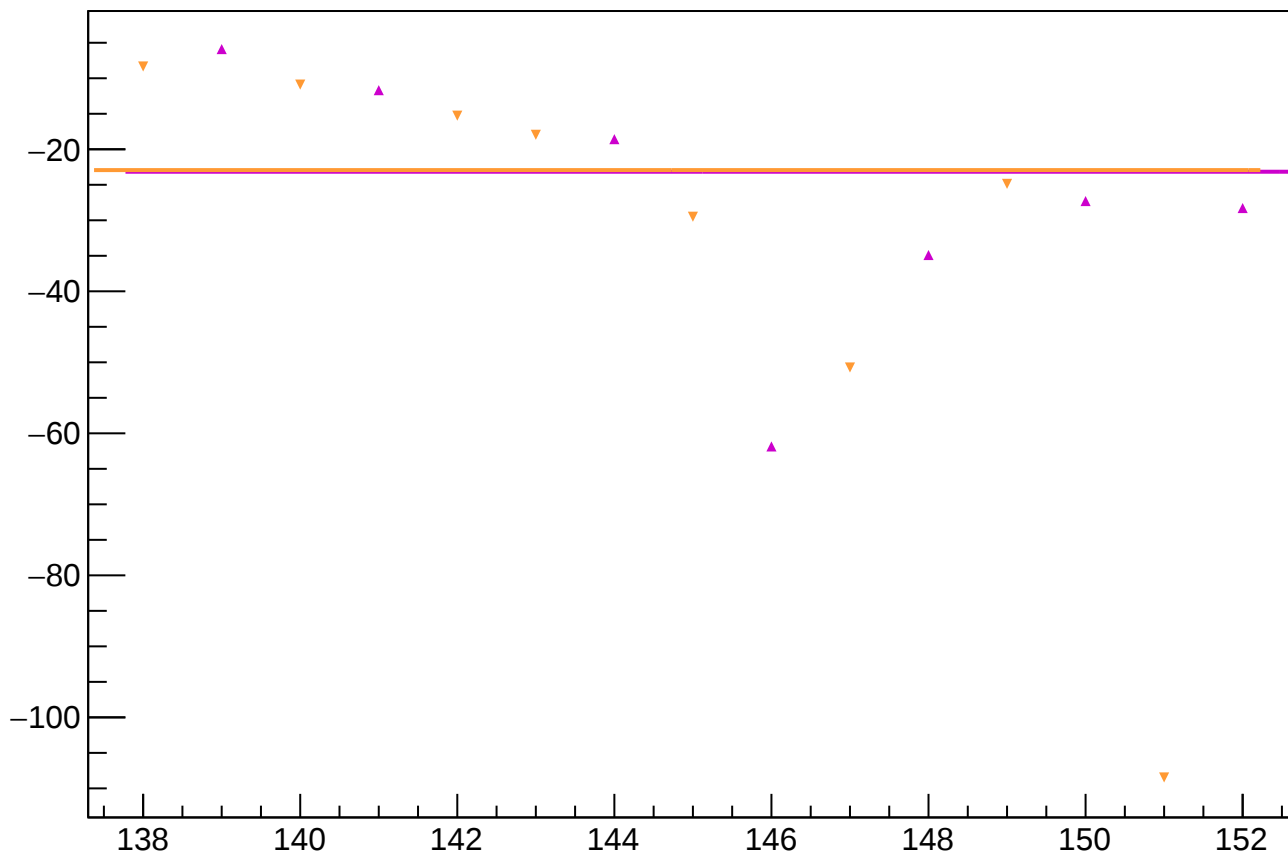
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1644.6/34$

In: 0.174 ± 0.003 $\chi^2/\text{NDF}: 1533.6/23$

Out: 0.233 ± 0.003 $\chi^2/\text{NDF}: 3120.1/25$

All: 0.203 ± 0.002 $\chi^2/\text{NDF}: 4885.2/49$

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: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Left: -23.055+/-0.068 χ^2/NDF : 77125.5/14

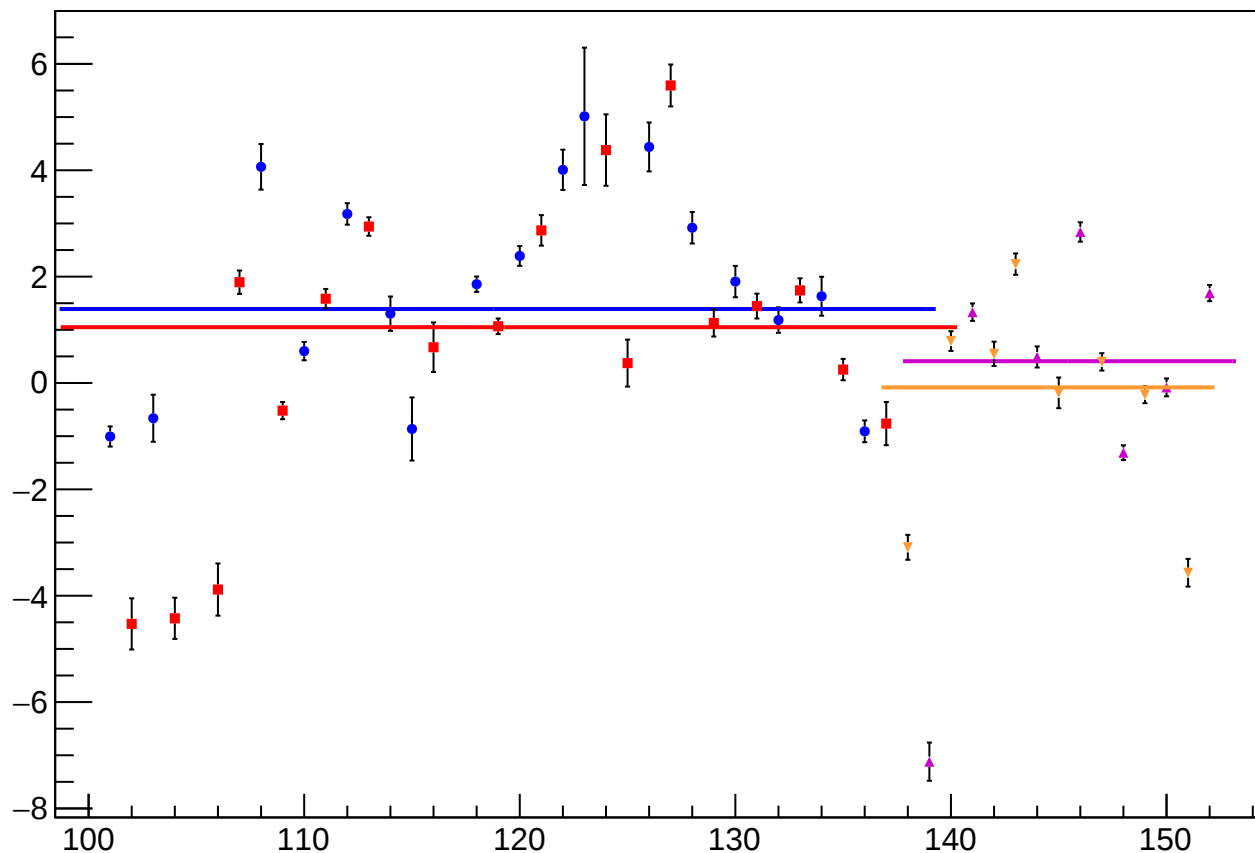
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Out: -22.933+/-0.099 χ^2/NDF : 48767.1/7

All: -23.055+/-0.068 χ^2/NDF : 77125.5/14

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: -0.082 ± 0.072 $\chi^2/\text{NDF}: 514.8/7$

Right Out: 1.049 ± 0.058 $\chi^2/\text{NDF}: 919.8/17$

Left In: 0.410 ± 0.066 $\chi^2/\text{NDF}: 882.2/6$

Left: 0.185 ± 0.048 $\chi^2/\text{NDF}: 1422.6/14$

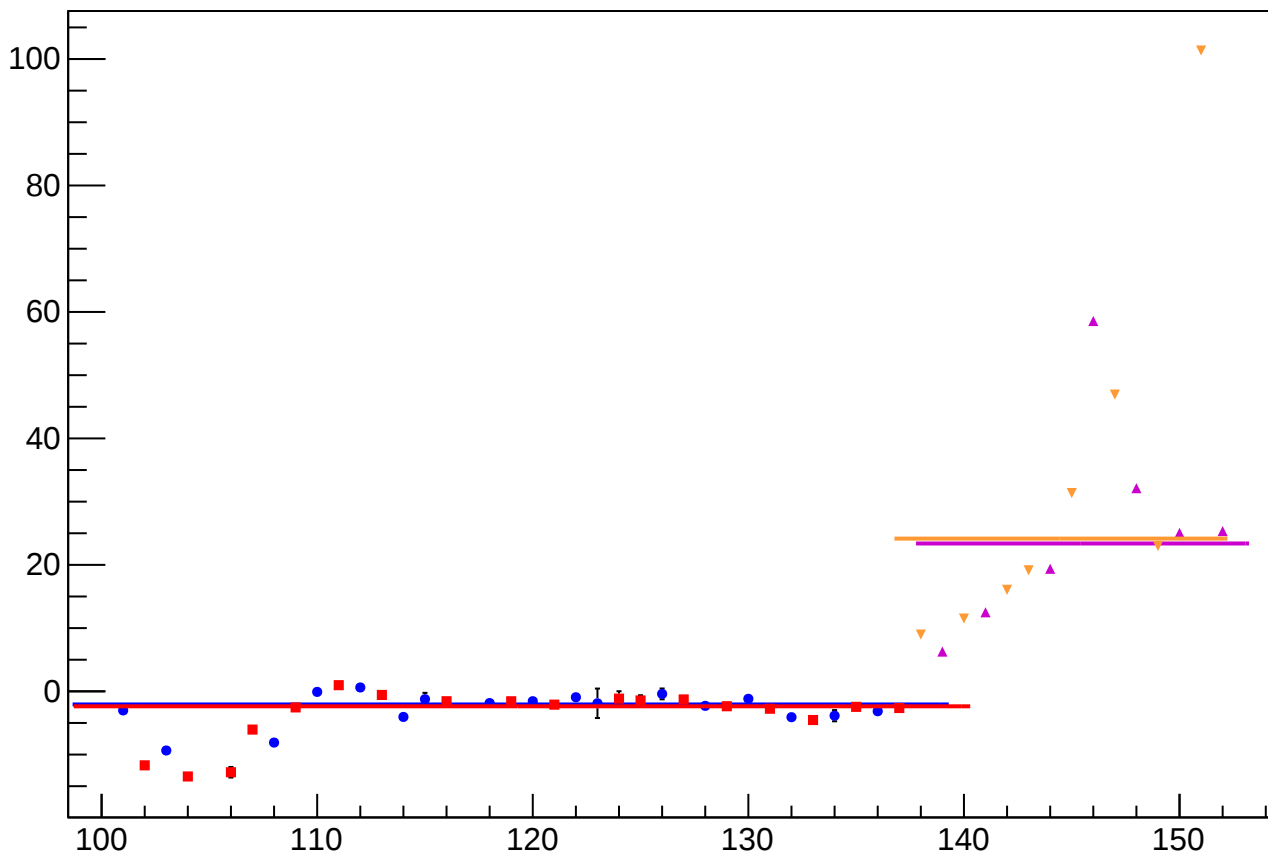
Right: 1.211 ± 0.042 $\chi^2/\text{NDF}: 1565.5/34$

In: 0.938 ± 0.045 $\chi^2/\text{NDF}: 1631.3/23$

Out: 0.602 ± 0.045 $\chi^2/\text{NDF}: 1585.4/25$

All: 0.771 ± 0.032 $\chi^2/\text{NDF}: 3244.6/49$

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: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 23.385 ± 0.092 χ^2/NDF : 23751.9/6

Left: 23.732 ± 0.068 χ^2/NDF : 67117.6/14

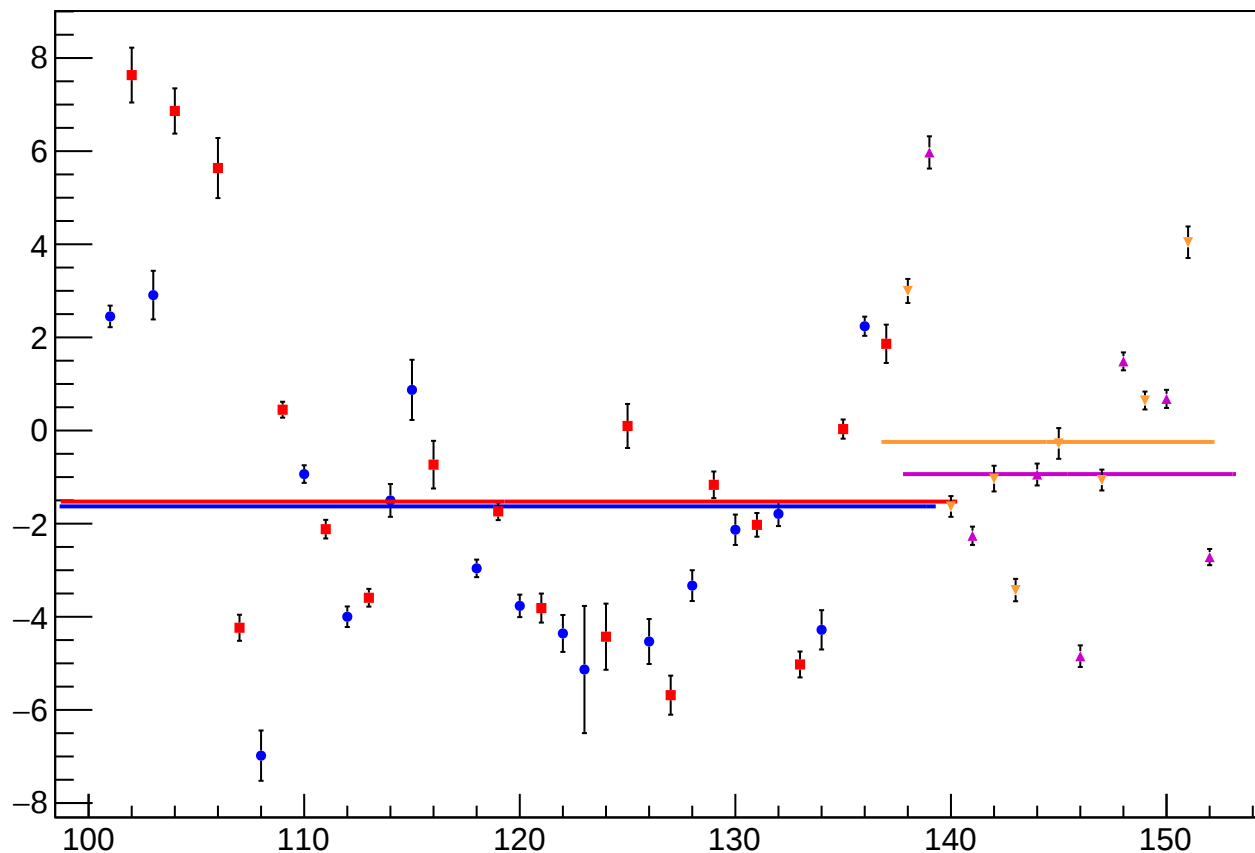
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 12.886 ± 0.071 χ^2/NDF : 55511.3/23

Out: 10.465 ± 0.071 χ^2/NDF : 79129.3/25

All: 11.677 ± 0.050 χ^2/NDF : 135223.8/49

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -0.245 ± 0.088 $\chi^2/\text{NDF}: 574.4/7$

Right Out: -1.526 ± 0.065 $\chi^2/\text{NDF}: 1488.2/17$

Left In: -0.936 ± 0.080 $\chi^2/\text{NDF}: 1058.5/6$

Left: -0.623 ± 0.059 $\chi^2/\text{NDF}: 1667.0/14$

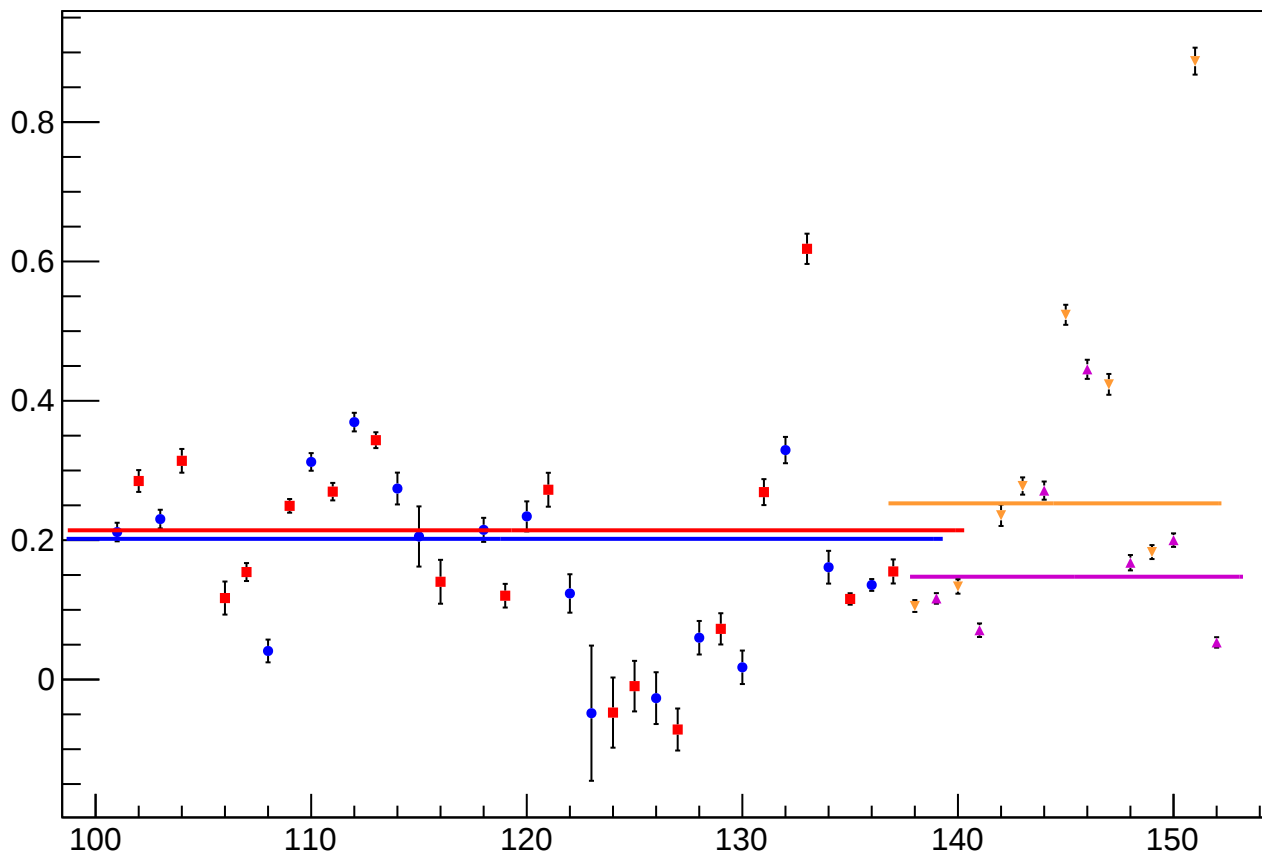
Right: -1.574 ± 0.048 $\chi^2/\text{NDF}: 2755.7/34$

In: -1.327 ± 0.053 $\chi^2/\text{NDF}: 2367.5/23$

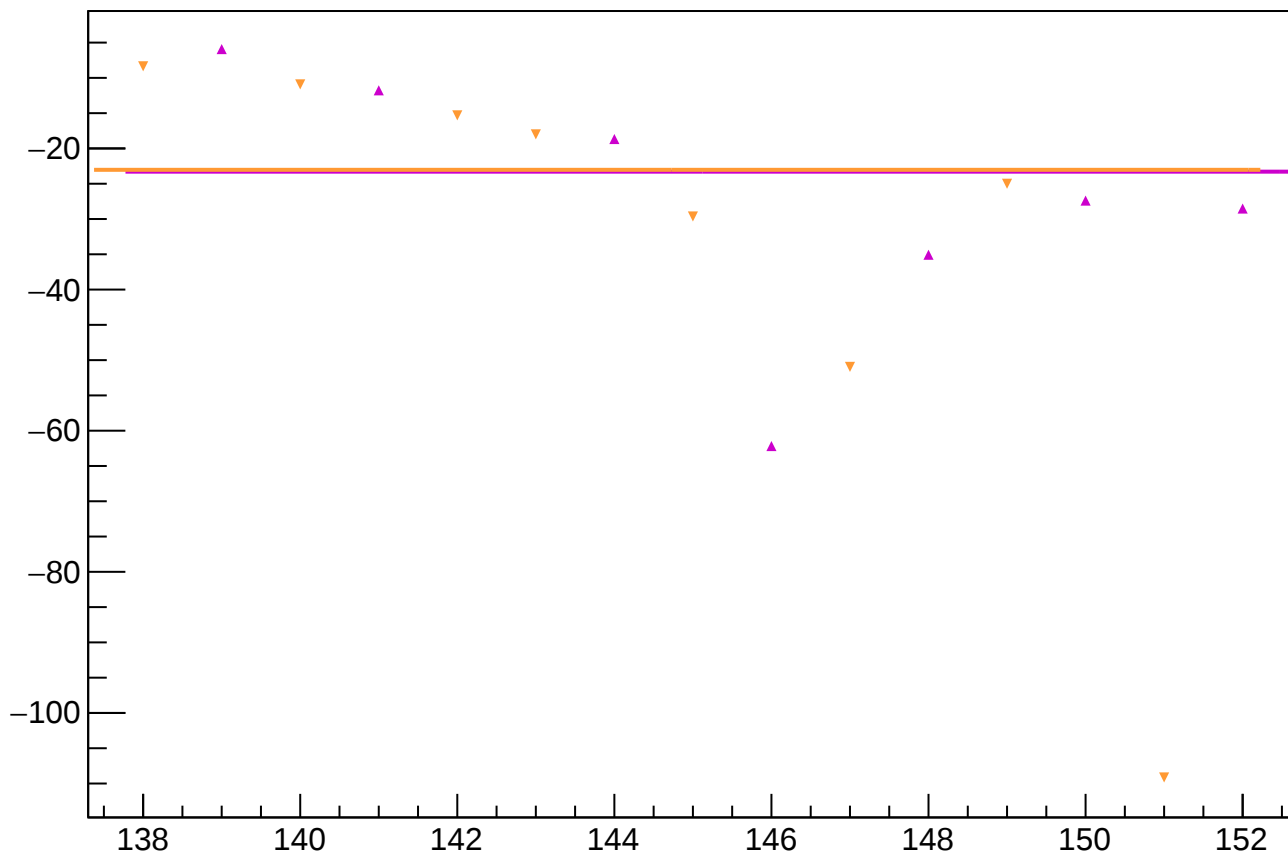
Out: -1.067 ± 0.052 $\chi^2/\text{NDF}: 2200.1/25$

All: -1.196 ± 0.037 $\chi^2/\text{NDF}: 4579.8/49$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.029+/-0.100 χ^2/NDF : 48869.2/7

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Left: -23.169+/-0.068 χ^2/NDF : 77273.3/14

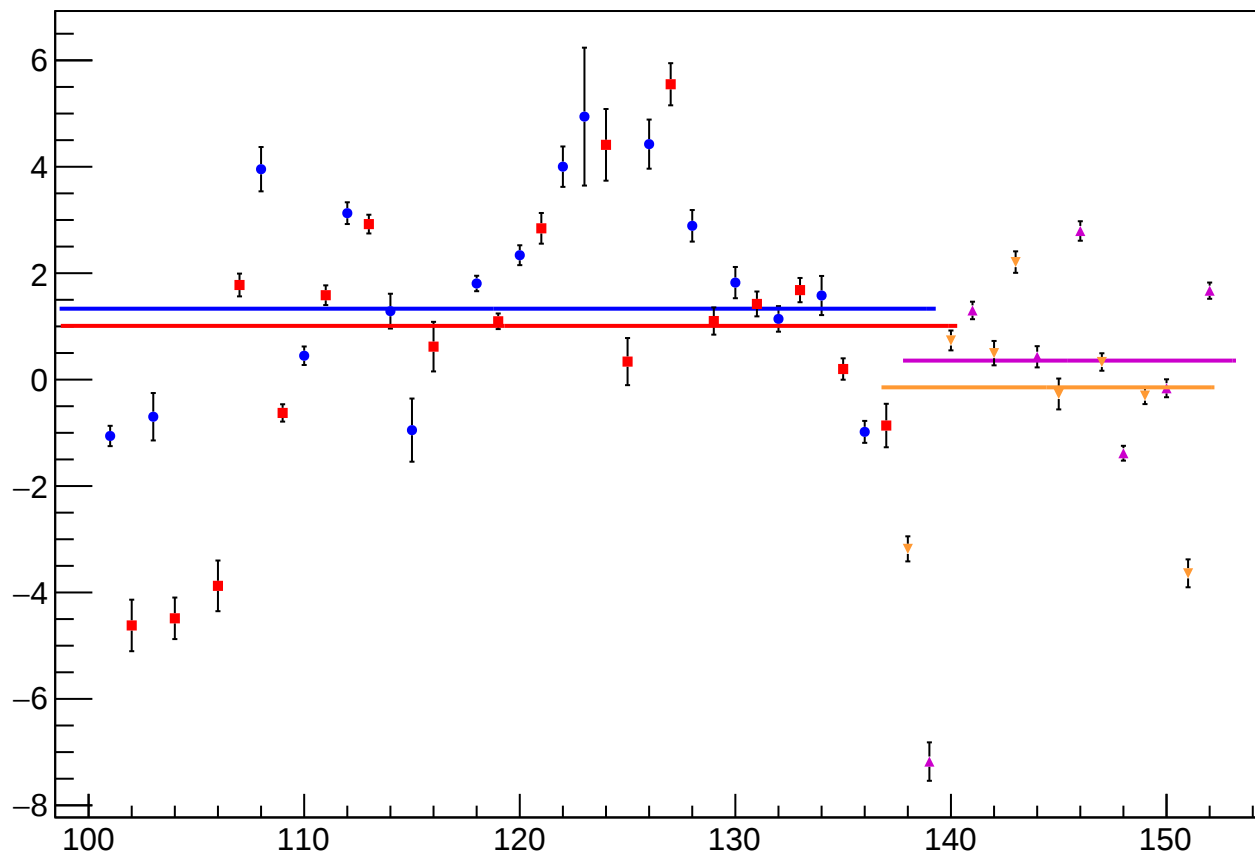
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Out: -23.029+/-0.100 χ^2/NDF : 48869.2/7

All: -23.169+/-0.068 χ^2/NDF : 77273.3/14

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 $\chi^2/\text{NDF}: 634.6/16$

Left Out: -0.145 ± 0.072 $\chi^2/\text{NDF}: 519.1/7$

Right Out: 1.010 ± 0.058 $\chi^2/\text{NDF}: 930.3/17$

Left In: 0.357 ± 0.066 $\chi^2/\text{NDF}: 885.2/6$

Left: 0.128 ± 0.049 $\chi^2/\text{NDF}: 1430.9/14$

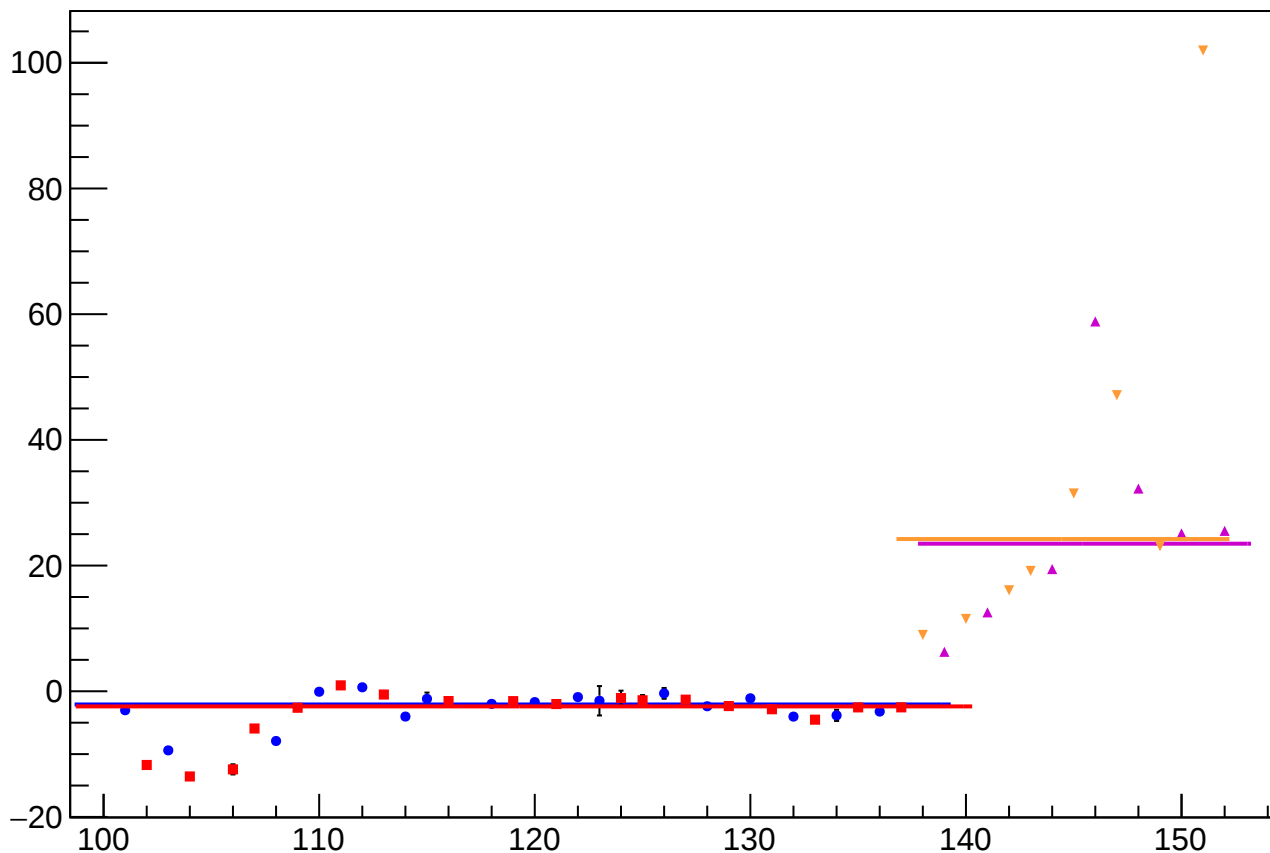
Right: 1.163 ± 0.042 $\chi^2/\text{NDF}: 1579.5/34$

In: 0.882 ± 0.045 $\chi^2/\text{NDF}: 1637.2/23$

Out: 0.554 ± 0.045 $\chi^2/\text{NDF}: 1605.5/25$

All: 0.719 ± 0.032 $\chi^2/\text{NDF}: 3269.1/49$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.223 ± 0.102 χ^2/NDF : 43435.4/7

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 23.481 ± 0.093 χ^2/NDF : 23790.8/6

Left: 23.815 ± 0.069 χ^2/NDF : 67254.9/14

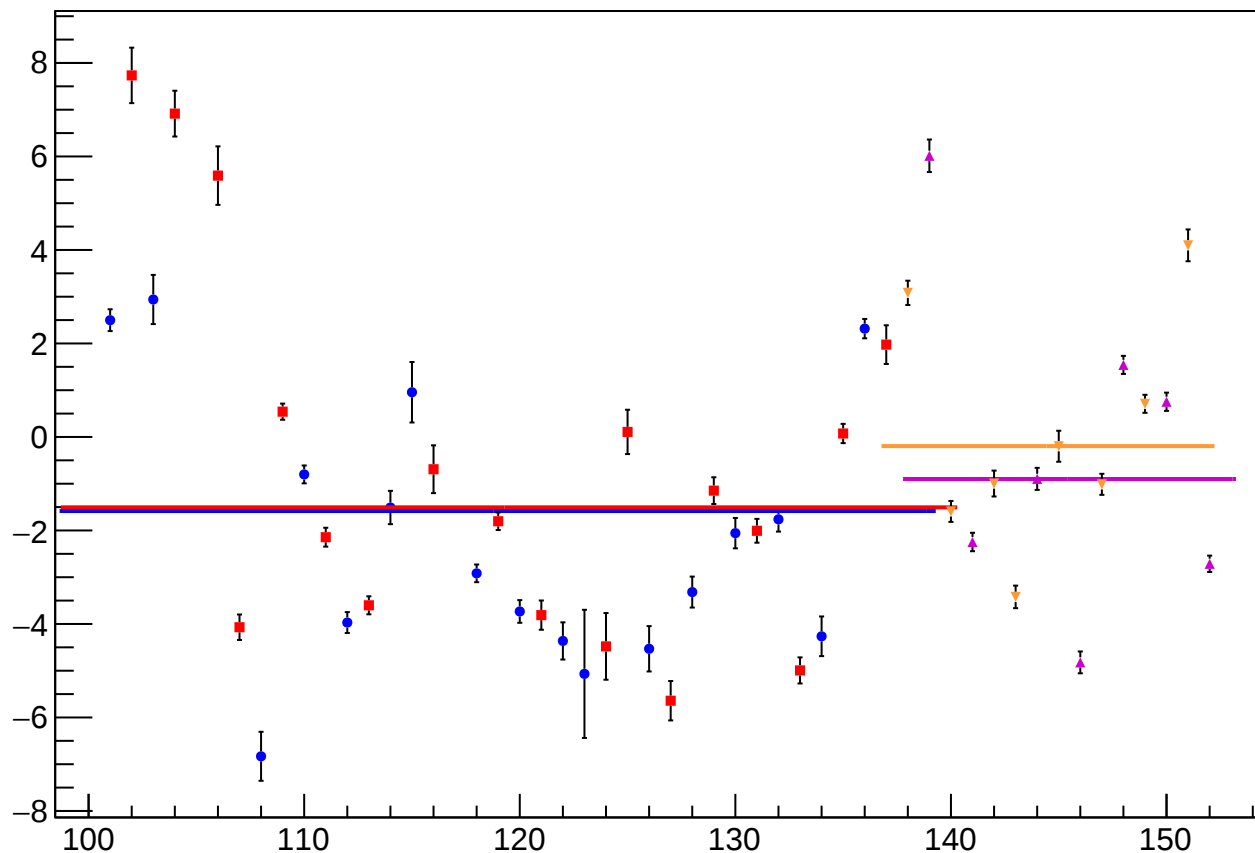
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 12.939 ± 0.071 χ^2/NDF : 55539.1/23

Out: 10.484 ± 0.071 χ^2/NDF : 79196.4/25

All: 11.714 ± 0.050 χ^2/NDF : 135329.8/49

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: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$

Left In: -0.899 ± 0.080 $\chi^2/\text{NDF}: 1062.0/6$

Left: -0.580 ± 0.059 $\chi^2/\text{NDF}: 1676.7/14$

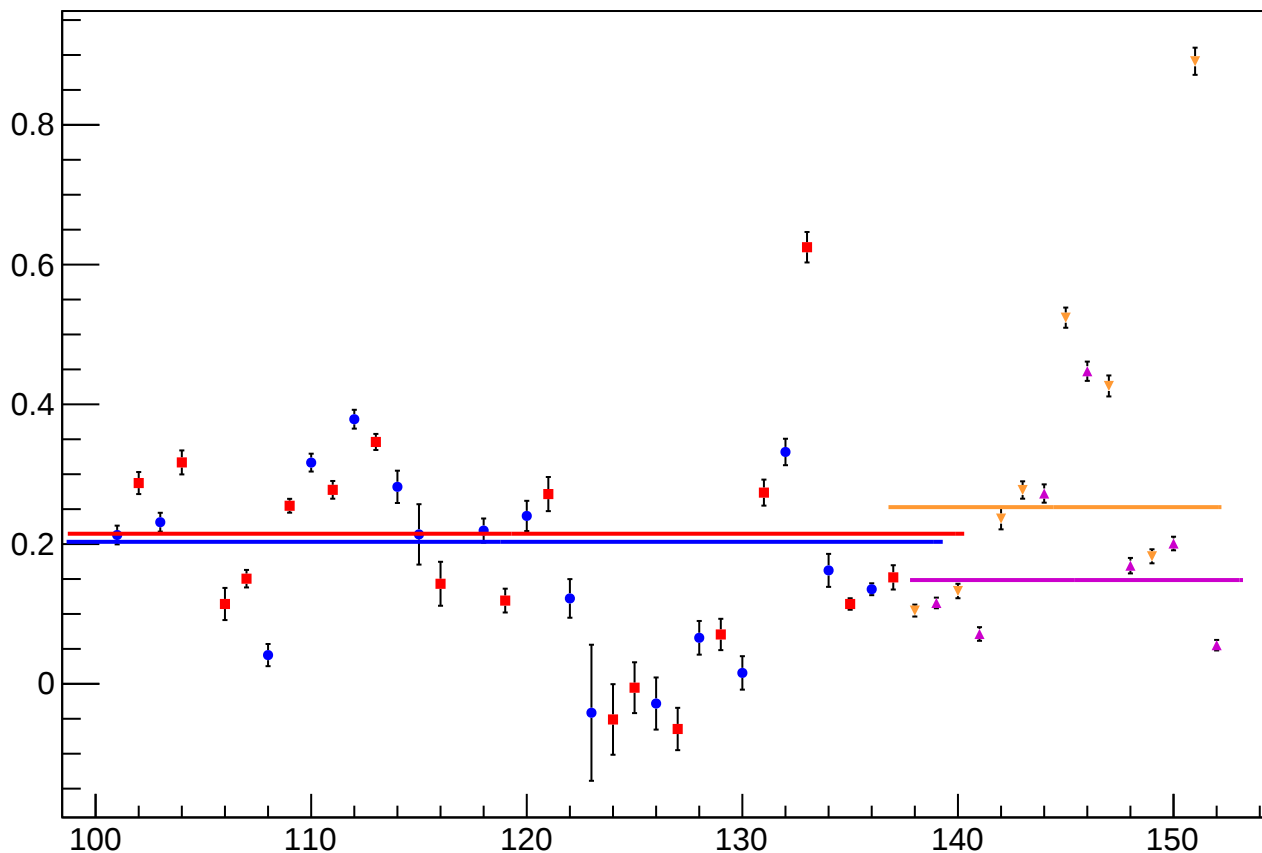
Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$

In: -1.285 ± 0.053 $\chi^2/\text{NDF}: 2375.4/23$

Out: -1.037 ± 0.053 $\chi^2/\text{NDF}: 2222.1/25$

All: -1.160 ± 0.037 $\chi^2/\text{NDF}: 4608.7/49$

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: 0.215 $\pm$ 0.004 χ^2/NDF : 1033.0/17

Left In: 0.149 $\pm$ 0.004 χ^2/NDF : 825.3/6

Left: 0.193 $\pm$ 0.003 χ^2/NDF : 3223.4/14

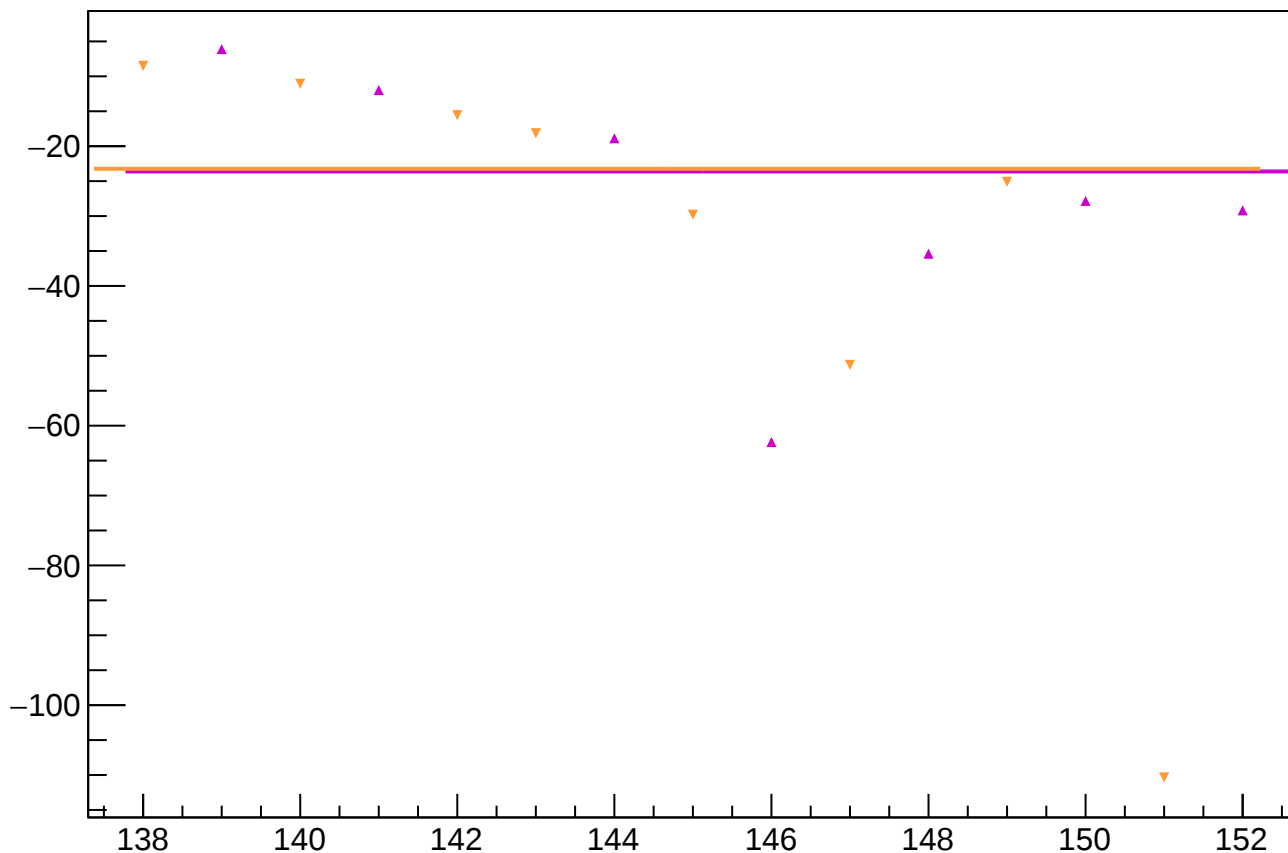
Right: 0.210 $\pm$ 0.003 χ^2/NDF : 1670.1/34

In: 0.173 $\pm$ 0.003 χ^2/NDF : 1556.5/23

Out: 0.231 $\pm$ 0.003 χ^2/NDF : 3129.5/25

All: 0.201 $\pm$ 0.002 χ^2/NDF : 4912.0/49

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: -23.616+/-0.094 χ^2/NDF :28080.3/6

Left: -23.436+/-0.069 χ^2/NDF : 76837.3/14

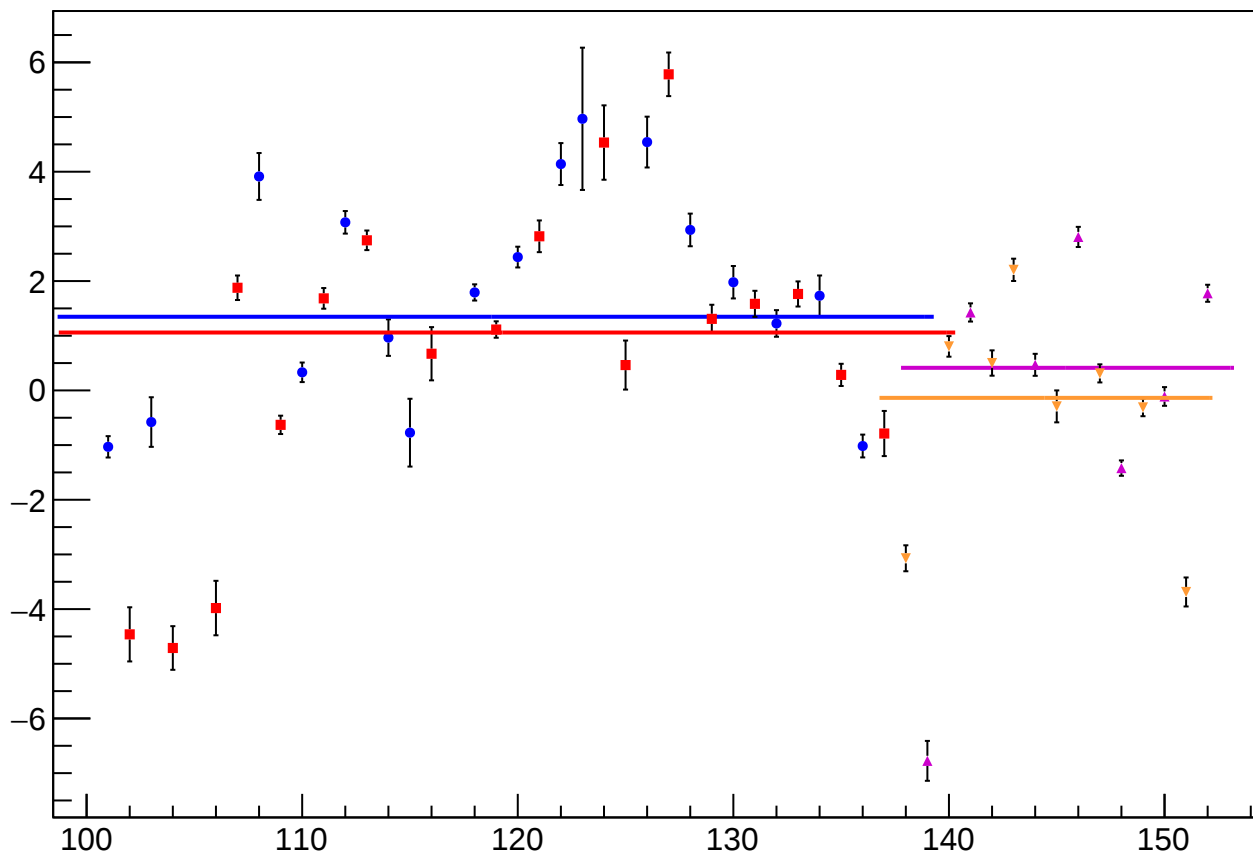
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.616+/-0.094 χ^2/NDF :28080.3/6

Out: -23.231+/-0.101 χ^2/NDF :48749.2/7

All: -23.436+/-0.069 χ^2/NDF : 76837.3/14

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347+/-0.062 χ^2/NDF : 630.1/16

Left Out: -0.136+/-0.073 χ^2/NDF : 504.8/7

Right Out: 1.059+/-0.059 χ^2/NDF : 905.3/17

Left In: 0.413+/-0.067 χ^2/NDF : 849.8/6

Left: 0.161+/-0.049 χ^2/NDF : 1385.7/14

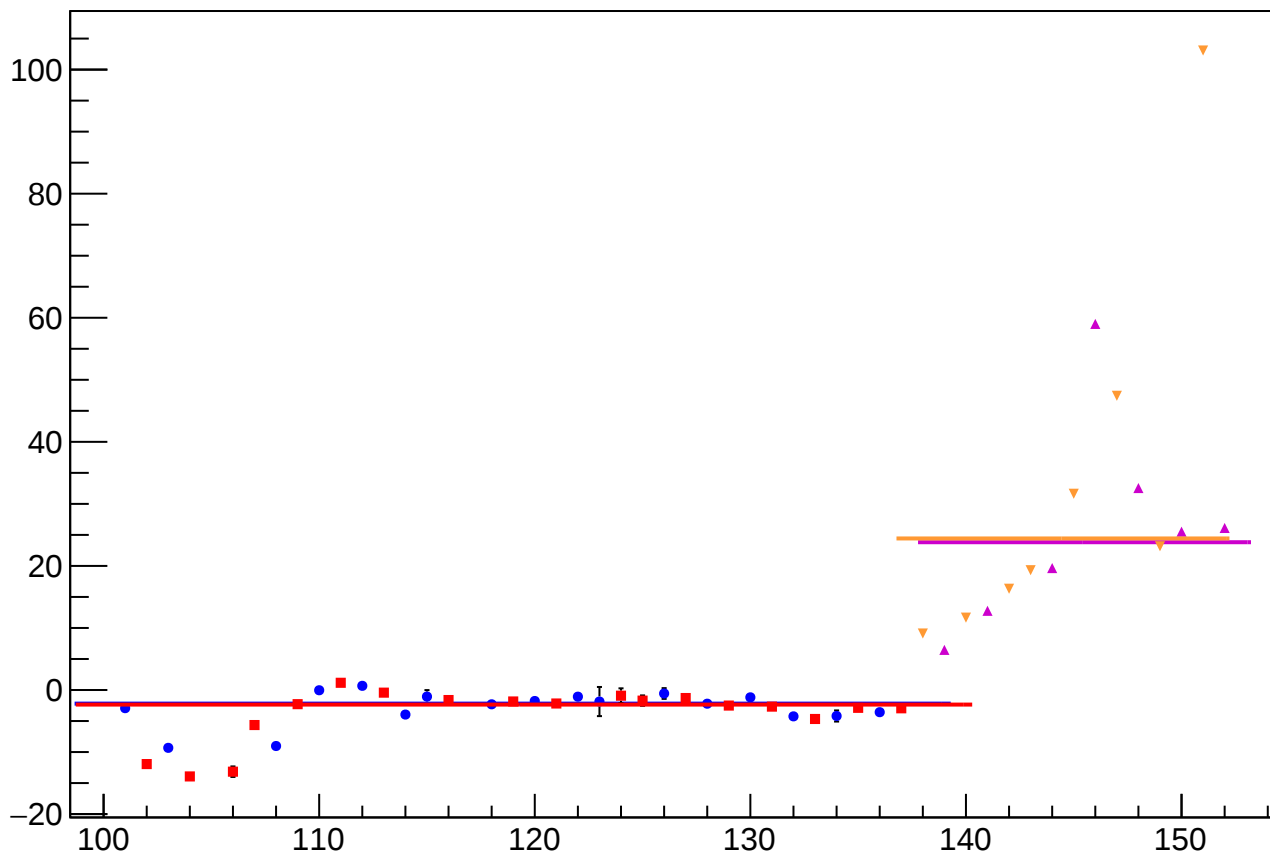
Right: 1.196+/-0.043 χ^2/NDF : 1546.6/34

In: 0.913+/-0.046 χ^2/NDF : 1584.4/23

Out: 0.581+/-0.046 χ^2/NDF : 1572.6/25

All: 0.748+/-0.032 χ^2/NDF : 3183.3/49

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 24.428 ± 0.103 $\chi^2/\text{NDF}: 43342.0/7$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 23.821 ± 0.094 $\chi^2/\text{NDF}: 23461.4/6$

Left: 24.095 ± 0.070 $\chi^2/\text{NDF}: 66822.3/14$

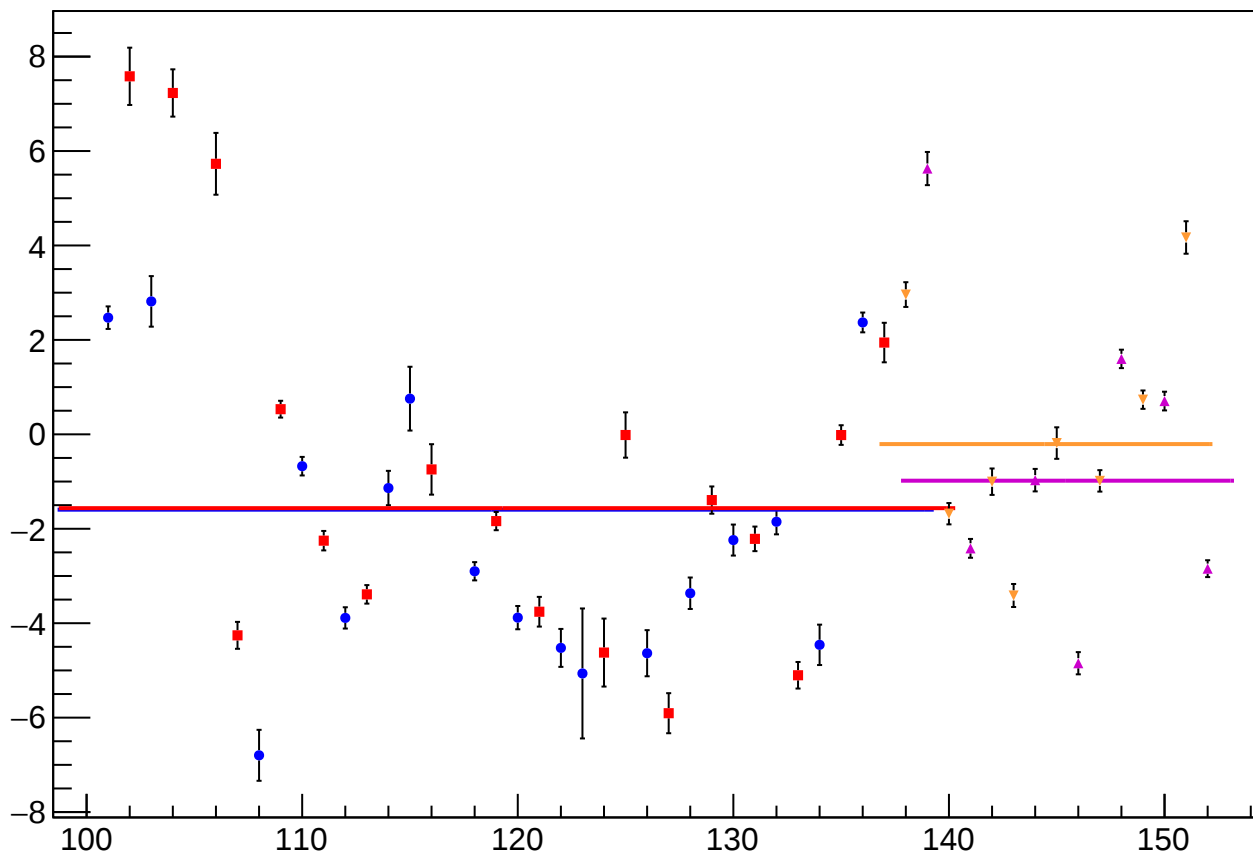
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 13.164 ± 0.072 $\chi^2/\text{NDF}: 55297.9/23$

Out: 10.773 ± 0.072 $\chi^2/\text{NDF}: 78467.6/25$

All: 11.971 ± 0.051 $\chi^2/\text{NDF}: 134312.6/49$

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: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -0.982 ± 0.081 χ^2/NDF : 1031.1/6

Left: -0.629 ± 0.060 χ^2/NDF : 1639.3/14

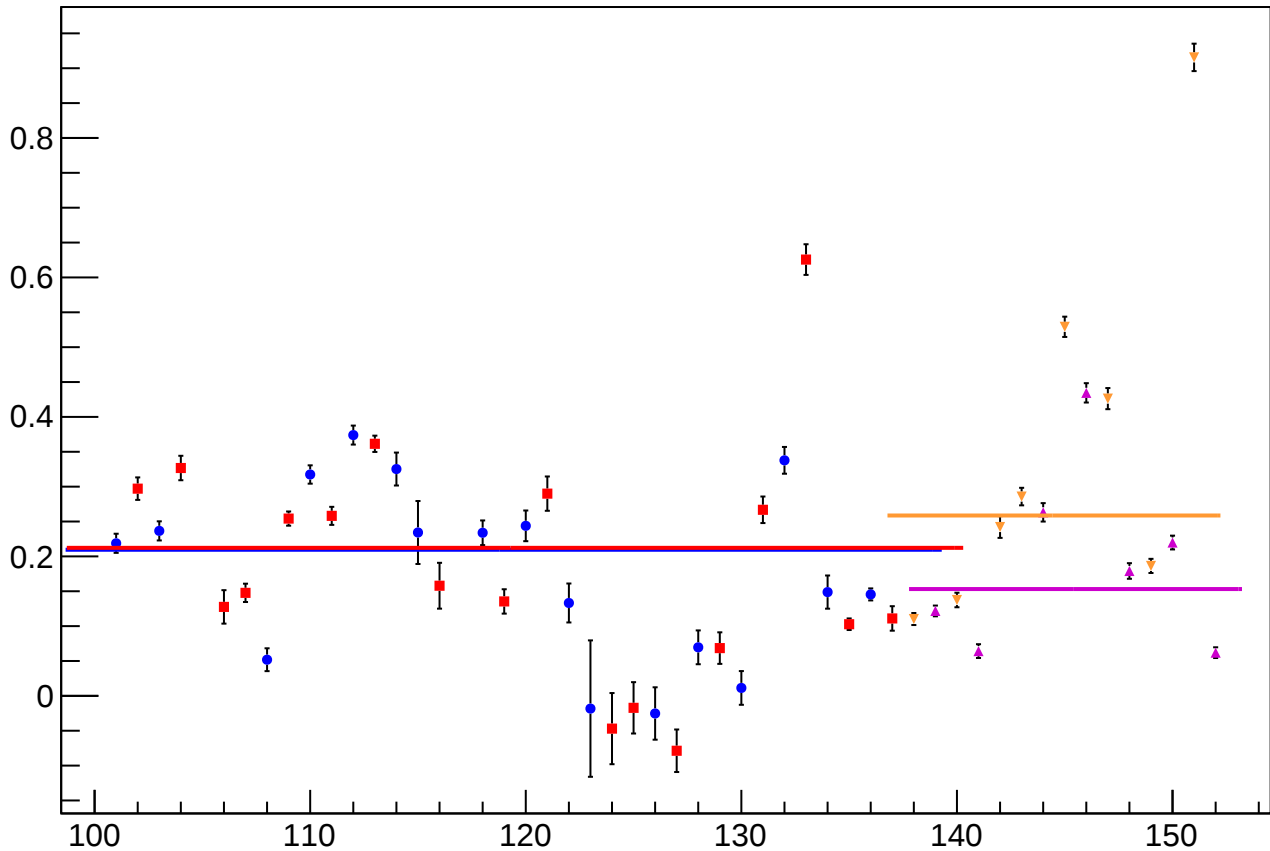
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.326 ± 0.054 χ^2/NDF : 2318.6/23

Out: -1.071 ± 0.053 χ^2/NDF : 2177.5/25

All: -1.198 ± 0.038 χ^2/NDF : 4507.5/49

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.259 $\pm$ 0.004 χ^2 /NDF:2071.8/7

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.153 $\pm$ 0.004 χ^2 /NDF:769.2/6

Left: 0.198 $\pm$ 0.003 χ^2 /NDF: 3188.1/14

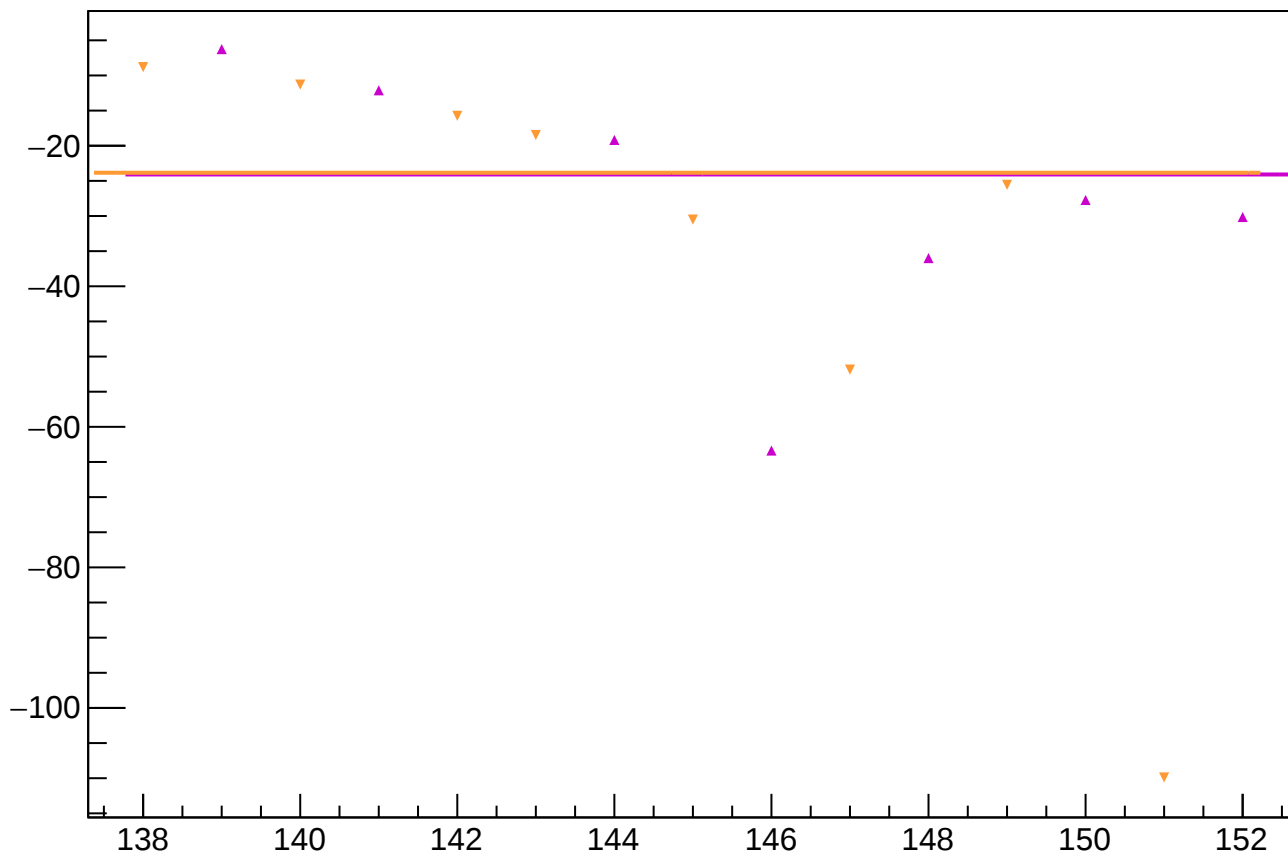
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.178 $\pm$ 0.003 χ^2 /NDF:1468.1/23

Out: 0.233 $\pm$ 0.003 χ^2 /NDF:3234.7/25

All: 0.205 $\pm$ 0.002 χ^2 /NDF: 4893.4/49

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: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Left: -23.974+/-0.070 χ^2/NDF : 76079.7/14

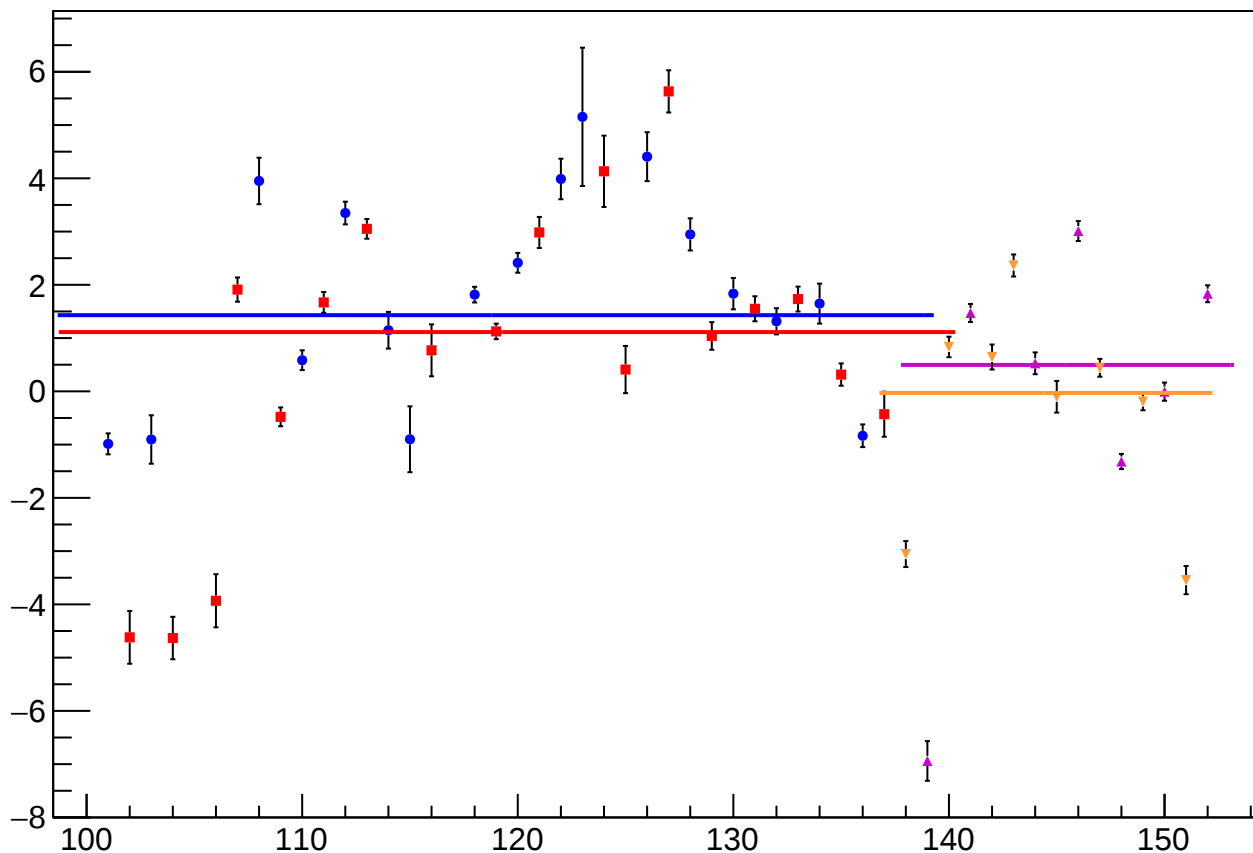
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Out: -23.842+/-0.103 χ^2/NDF : 48063.3/7

All: -23.974+/-0.070 χ^2/NDF : 76079.7/14

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: -0.029 $\pm$ 0.074 χ^2 /NDF:502.4/7

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 0.496 $\pm$ 0.068 χ^2 /NDF:850.9/6

Left: 0.255 $\pm$ 0.050 χ^2 /NDF: 1380.8/14

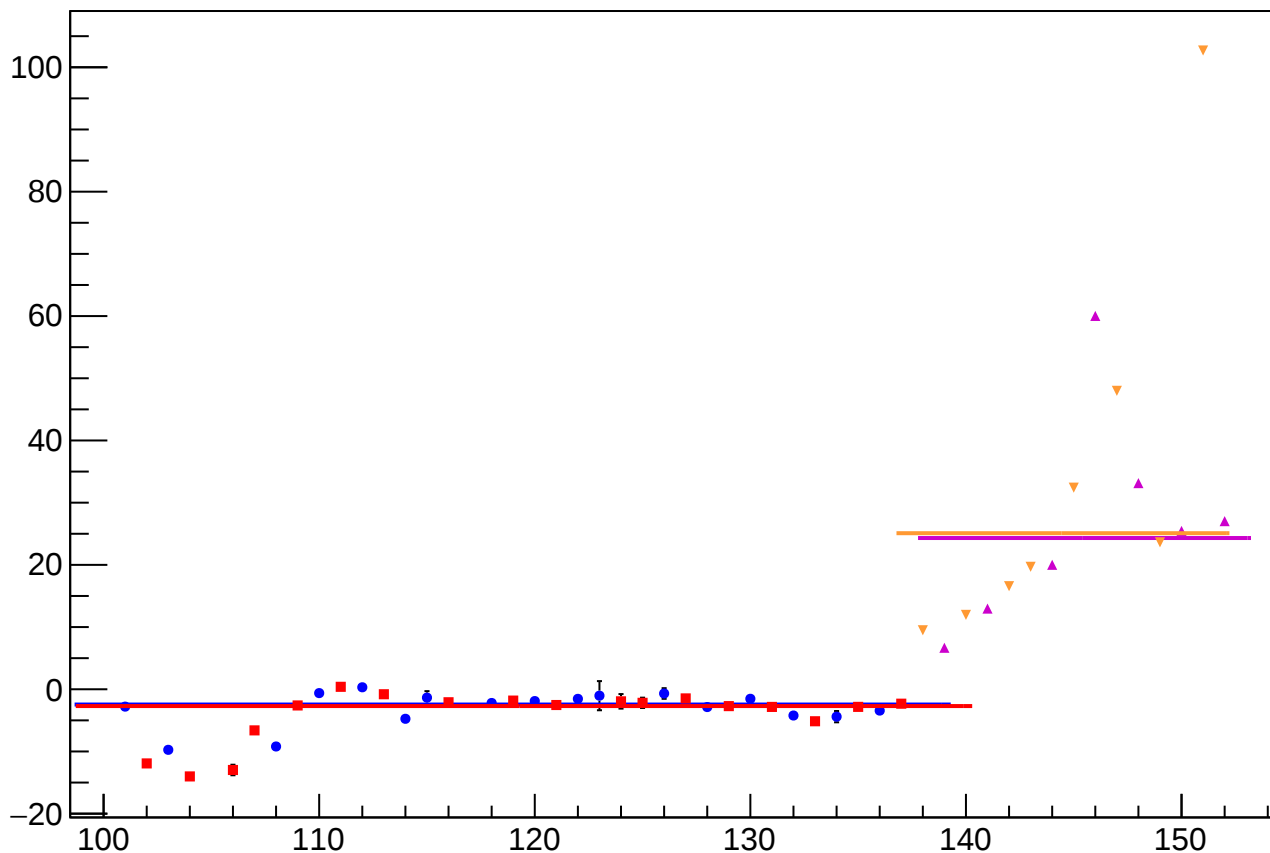
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 0.999 $\pm$ 0.046 χ^2 /NDF:1551.0/23

Out: 0.658 $\pm$ 0.047 χ^2 /NDF:1534.2/25

All: 0.830 $\pm$ 0.033 χ^2 /NDF: 3112.3/49

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 ± 0.104 χ^2/NDF : 829.7/17

Left In: 24.316 ± 0.095 χ^2/NDF : 23383.2/6

Left: 24.666 ± 0.071 χ^2/NDF : 66059.6/14

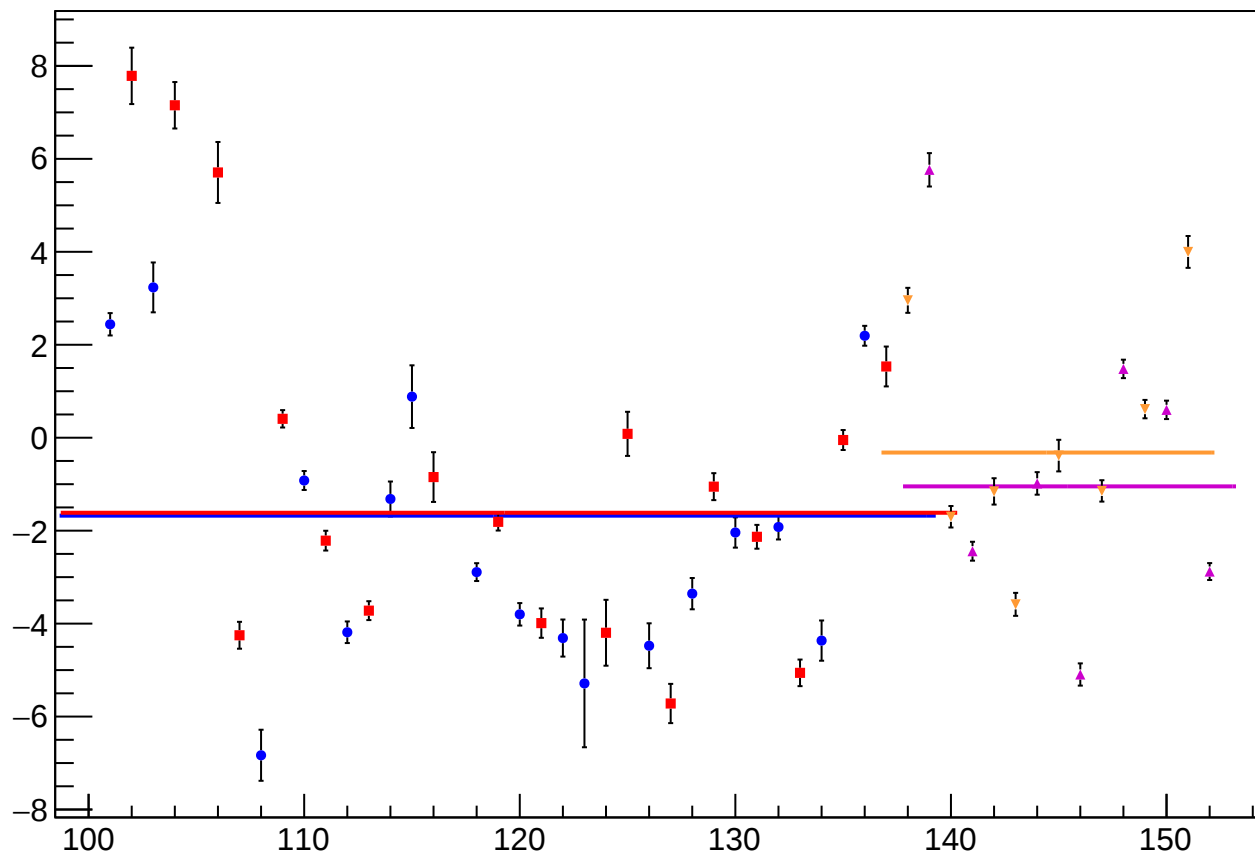
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 13.340 ± 0.073 χ^2/NDF : 56025.1/23

Out: 10.968 ± 0.074 χ^2/NDF : 78893.4/25

All: 12.162 ± 0.052 χ^2/NDF : 135437.6/49

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -0.319 ± 0.090 χ^2/NDF : 561.1/7

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.047 ± 0.082 χ^2/NDF : 1025.7/6

Left: -0.716 ± 0.061 χ^2/NDF : 1622.4/14

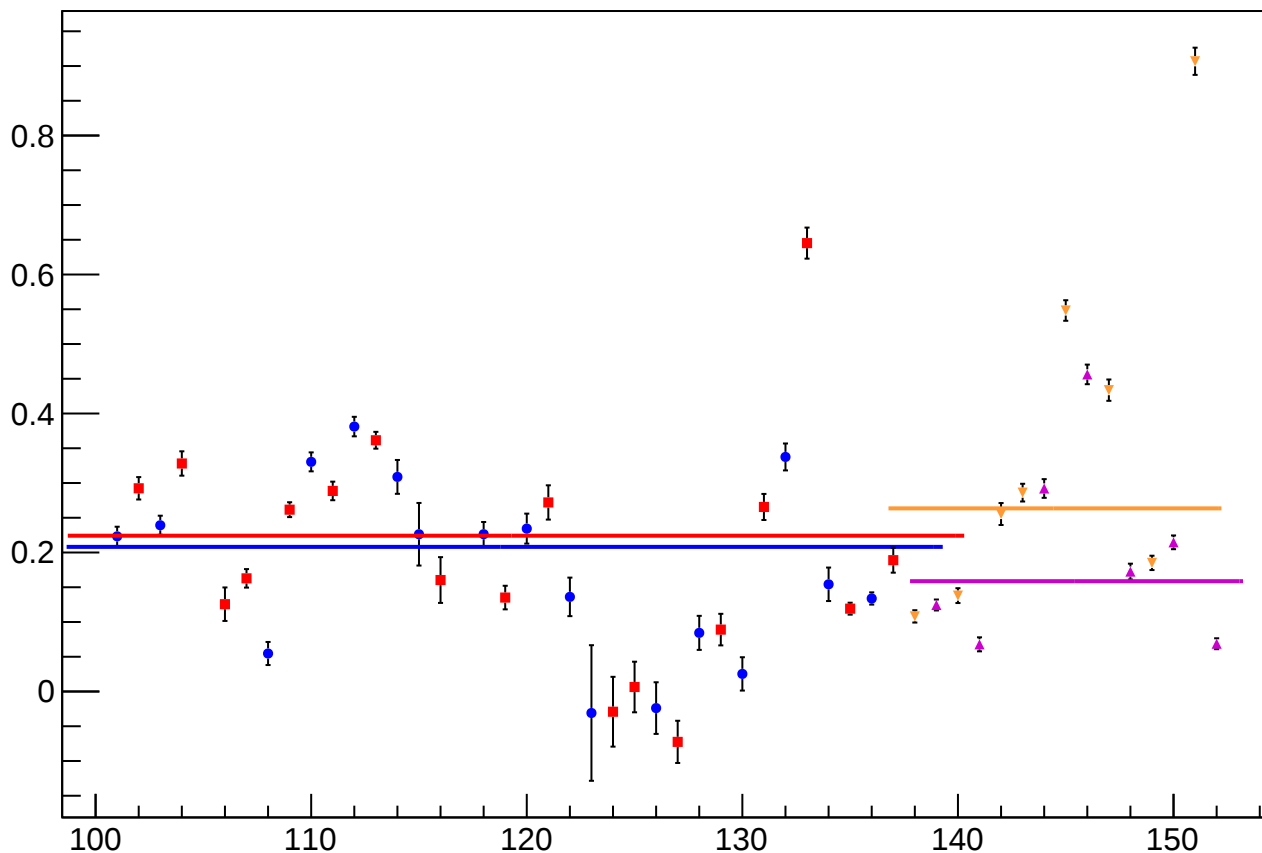
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.402 ± 0.054 χ^2/NDF : 2263.4/23

Out: -1.145 ± 0.054 χ^2/NDF : 2120.1/25

All: -1.273 ± 0.038 χ^2/NDF : 4394.7/49

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: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.159 ± 0.004 χ^2/NDF : 808.8/6

Left: 0.203 ± 0.003 χ^2/NDF : 3218.0/14

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.180 ± 0.003 χ^2/NDF : 1484.3/23

Out: 0.241 ± 0.003 χ^2/NDF : 3120.3/25

All: 0.210 ± 0.002 χ^2/NDF : 4833.2/49